

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085205.D
 Acq On : 4 Mar 2016 16:26
 Operator : SJ/IZ
 Sample : PB88682BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Manual Integrations
 APPROVED

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 3/7/2016 3:30:36 PM

Quant Time: Mar 07 10:22:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165089	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	649706	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	294055	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	542244	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	392196	20.00	ng	-0.01
86) Perylene-d12	15.60	264	267020	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	922460	93.73	ng	0.01
7) Phenol-d6	6.60	99	1056190	81.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1037826	85.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	228645	90.87	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1753697	90.70	ng	-0.01
78) Terphenyl-d14	13.09	244	1595992	94.47	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.77	88	169171	33.61	ng	99
3) Pyridine	3.52	79	518204	41.14	ng	99
4) n-Nitrosodimethylamine	3.48	42	204154	37.87	ng	92
6) Aniline	6.63	93	309354	17.12	ng	100
8) 2-Chlorophenol	6.76	128	485049	40.94	ng	99
9) Benzaldehyde	6.52	77	170545	25.39	ng	99
10) Phenol	6.61	94	532092m	38.53	ng	
11) bis(2-Chloroethyl)ether	6.71	93	482886	42.10	ng	94
12) 1,3-Dichlorobenzene	6.92	146	533849	41.97	ng	99
13) 1,4-Dichlorobenzene	6.98	146	511054	40.09	ng	99
14) 1,2-Dichlorobenzene	7.14	146	489432	42.31	ng	99
15) Benzyl Alcohol	7.11	79	420169	44.39	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	625306	37.82	ng	99
17) 2-Methylphenol	7.22	107	428875	44.36	ng	98
18) Hexachloroethane	7.49	117	191710	40.76	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	319363	38.00	ng	# 89
20) 3+4-Methylphenols	7.37	107	468826	40.94	ng	95
22) Acetophenone	7.38	105	636867	40.16	ng	# 98
24) Nitrobenzene	7.56	77	535272	43.40	ng	97
25) Isophorone	7.80	82	954937	42.44	ng	99
26) 2-Nitrophenol	7.88	139	278387	46.38	ng	# 92
27) 2,4-Dimethylphenol	7.91	122	503015	45.86	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	539839	43.08	ng	99
29) 2,4-Dichlorophenol	8.12	162	415021	46.91	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	406123	42.46	ng	99
31) Naphthalene	8.28	128	1361444	42.62	ng	99
32) Benzoic acid	8.01	122	215257	29.55	ng	97
33) 4-Chloroaniline	8.32	127	104949	8.12	ng	96
34) Hexachlorobutadiene	8.40	225	231185	46.45	ng	98
35) Caprolactam	8.70	113	131731m	45.60	ng	
36) 4-Chloro-3-methylphenol	8.80	107	454414	45.28	ng	96
37) 2-Methylnaphthalene	8.97	142	948244	46.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	364556	43.35	ng	99
40) Hexachlorocyclopentadiene	9.13	237	430360	94.88	ng	97

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Manual Integrations
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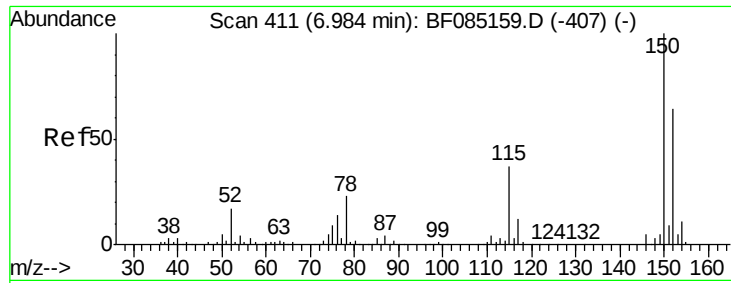
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 3/7/2016 3:30:36 PM

Quant Time: Mar 07 10:22:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.25	196	289091	46.18	nq	96
43) 2,4,5-Trichlorophenol	9.29	196	280659	47.28	nq #	90
45) 1,1'-Biphenyl	9.44	154	1085815	43.22	nq	94
46) 2-Chloronaphthalene	9.46	162	849190	44.34	nq	96
47) 2-Nitroaniline	9.56	65	287206	48.40	nq #	83
48) Acenaphthylene	9.88	152	1247782	41.87	nq	99
49) Dimethylphthalate	9.74	163	1010607	44.78	nq	100
50) 2,6-Dinitrotoluene	9.80	165	206255	42.72	nq	91
51) Acenaphthene	10.05	154	843481	46.61	nq	99
52) 3-Nitroaniline	9.96	138	89672	15.52	nq #	70
53) 2,4-Dinitrophenol	10.07	184	183659	75.46	nq #	53
54) Dibenzofuran	10.22	168	1086410	45.82	nq	99
55) 4-Nitrophenol	10.13	139	419527	92.41	nq	96
56) 2,4-Dinitrotoluene	10.21	165	295410	47.81	nq #	66
57) Fluorene	10.56	166	796523	42.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	195053	46.78	nq	98
59) Diethylphthalate	10.44	149	961370	43.89	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	389992	43.04	nq	90
61) 4-Nitroaniline	10.58	138	232972	43.12	nq	82
62) Azobenzene	10.71	77	1000994	46.39	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	139262	42.89	nq	74
65) n-Nitrosodiphenylamine	10.68	169	809902	48.02	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	229041	43.50	nq #	84
67) Hexachlorobenzene	11.11	284	241644	43.02	nq #	77
68) Atrazine	11.20	200	276453	58.94	nq	97
69) Pentachlorophenol	11.30	266	274714	88.11	nq	99
70) Phenanthrene	11.52	178	1286941	45.29	nq	99
71) Anthracene	11.58	178	1289853	42.76	nq	99
72) Carbazole	11.73	167	1043943	39.46	nq	98
73) Di-n-butylphthalate	12.06	149	1454783	43.51	nq	99
74) Fluoranthene	12.71	202	1198988	42.04	nq	96
76) Benzidine	12.83	184	304068	26.05	nq	99
77) Pyrene	12.94	202	1228586	41.62	nq	99
79) Butylbenzylphthalate	13.56	149	598618	44.69	nq #	86
80) Benzo(a)anthracene	14.13	228	980565	41.76	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	113212	15.29	nq #	96
82) Chrysene	14.16	228	796813	36.74	nq	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	751795	42.65	nq #	97
84) Di-n-octyl phthalate	14.72	149	1083254	40.35	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	753089	44.49	nq	99
87) Benzo(b)fluoranthene	15.18	252	748366	42.05	nq	97
88) Benzo(k)fluoranthene	15.21	252	726527m	50.61	nq	
89) Benzo(a)pyrene	15.55	252	677050	45.91	nq #	97
90) Dibenzo(a,h)anthracene	17.10	278	616050	48.93	nq	98
91) Benzo(g,h,i)perylene	17.53	276	632045	49.93	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

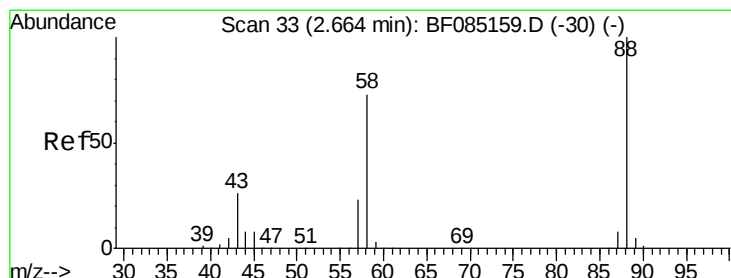
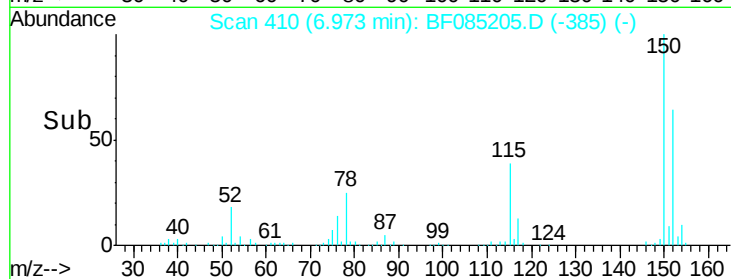
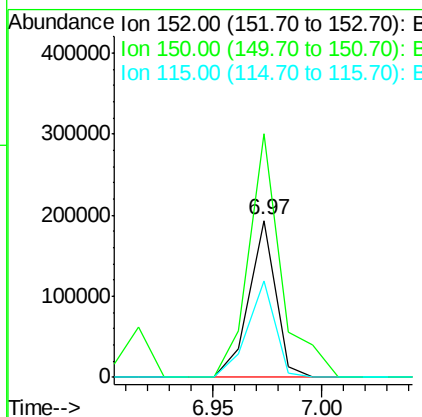
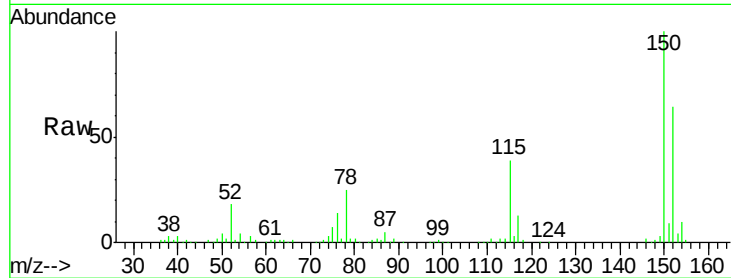
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.2	46.6	70.0

Manual Integrations
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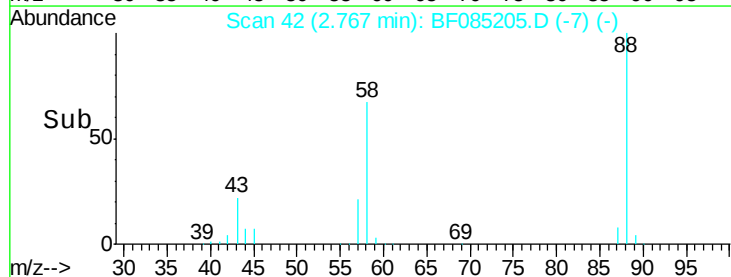
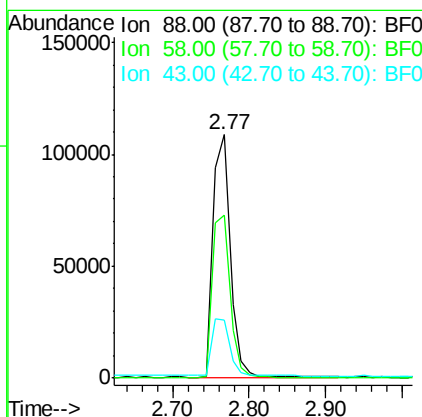
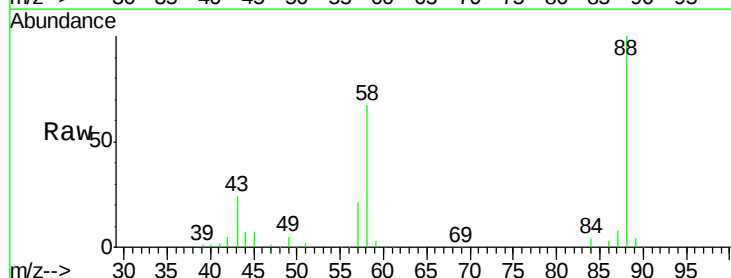
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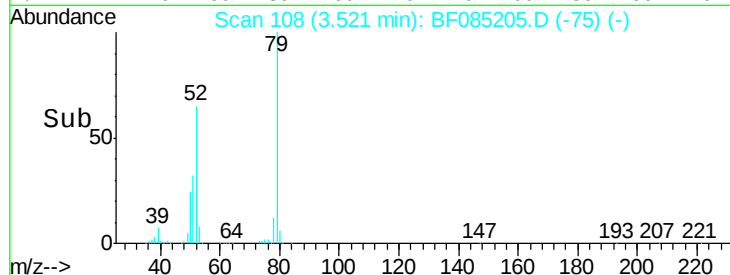
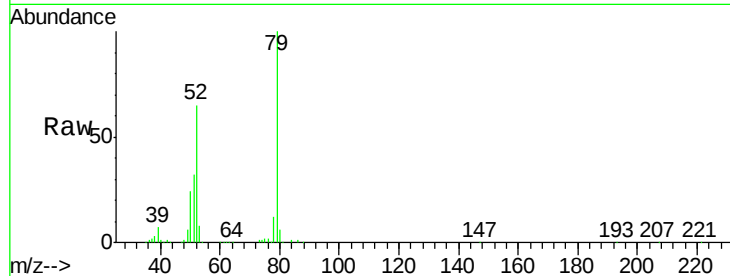
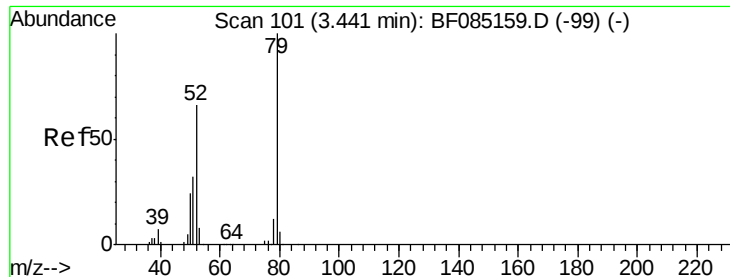


#2

1,4-Dioxane
Concen: 33.61 ng
RT: 2.77 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	57.0	85.6
43	25.2	20.5	30.7





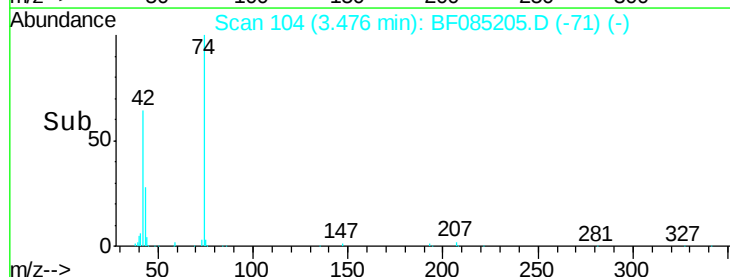
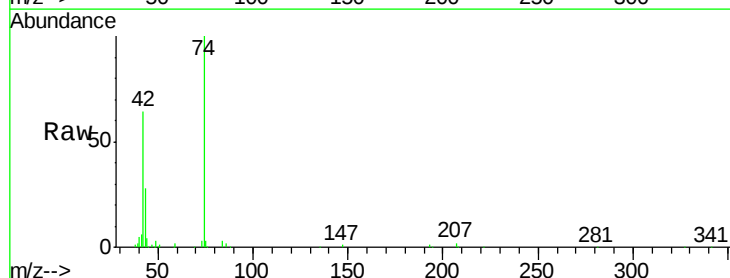
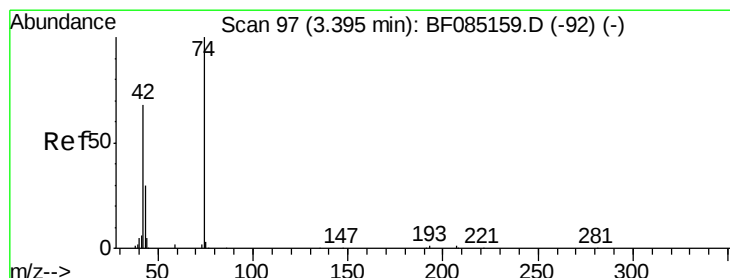
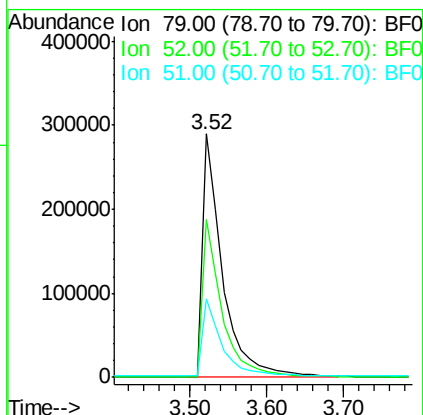
#3
 Pvridine
 Concen: 41.14 ng
 RT: 3.52 min Scan# 108
 Delta R.T. 0.08 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tot Ion	Ratio	Resp	Lower	Upper
79	100	518204		
52	65.1		52.6	79.0
51	32.3		25.8	38.8

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

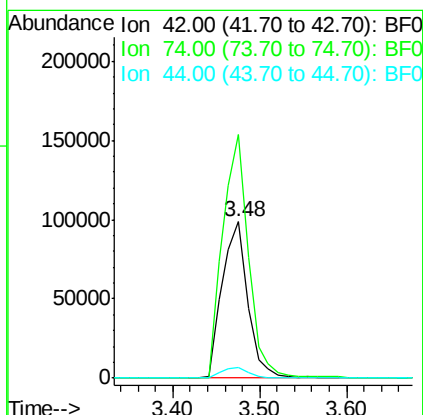
Manual Integrations
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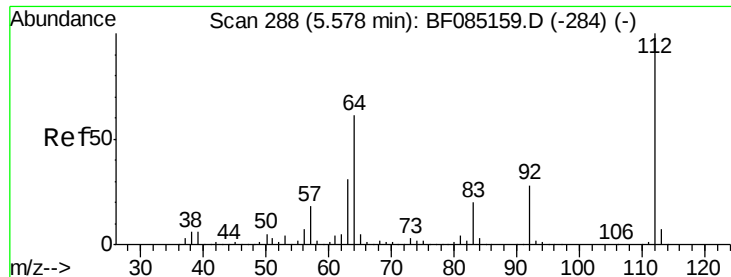
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#4
 n-Nitrosodimethylamine
 Concen: 37.87 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.08 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	204154		
74	155.9		116.8	175.2
44	6.8		5.5	8.3





#5

2-Fluorophenol

Concen: 93.73 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

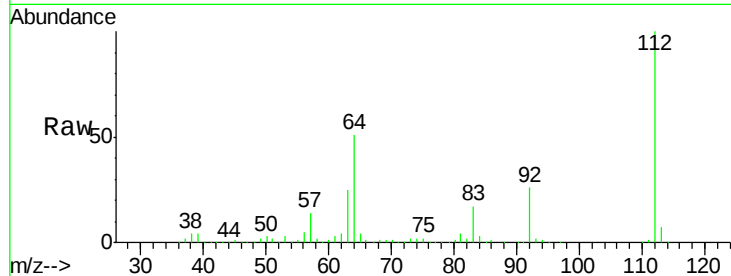
ClientSampleId :

PB88682BSD

Tot Ion:	112	Resp:	922460
Ion Ratio	Lower	Upper	
112	100		
64	50.5	49.0	73.4
63	25.4	24.8	37.2

Manual Integrations
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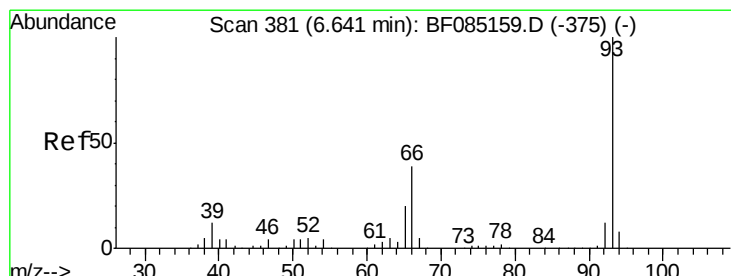
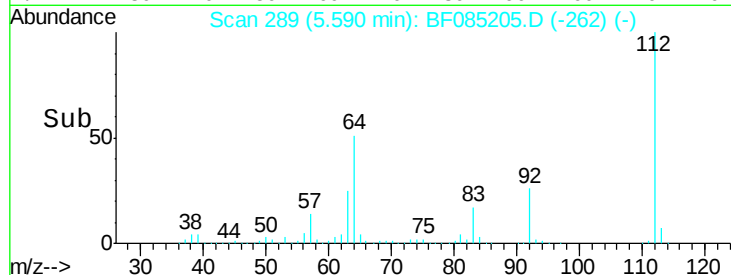
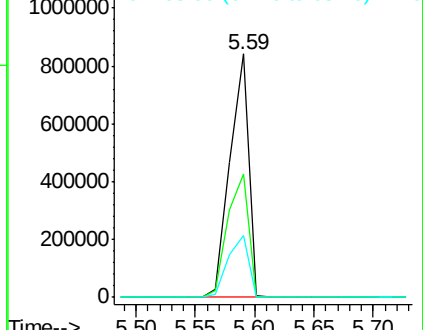
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.12 ng

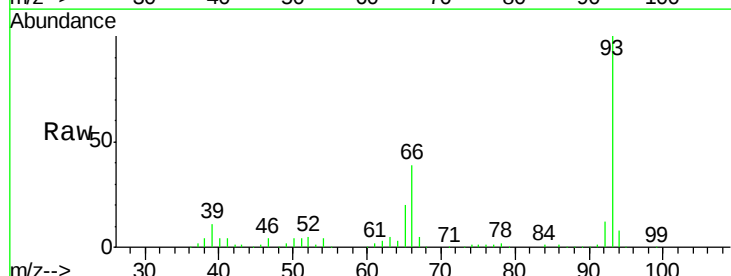
RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

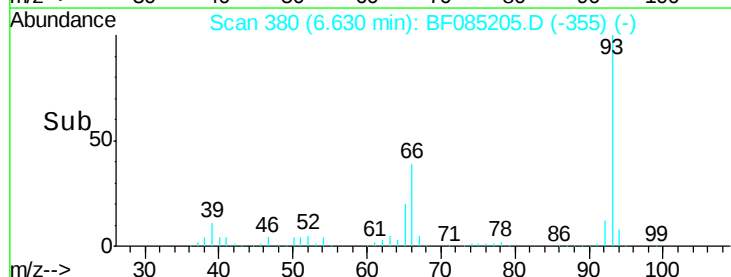
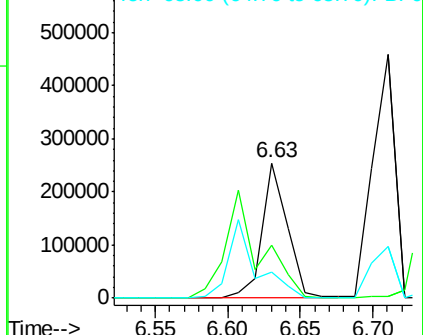
Tgt Ion:	93	Resp:	309354
Ion Ratio	Lower	Upper	
93	100		
66	39.3	31.6	47.4
65	19.6	15.8	23.8

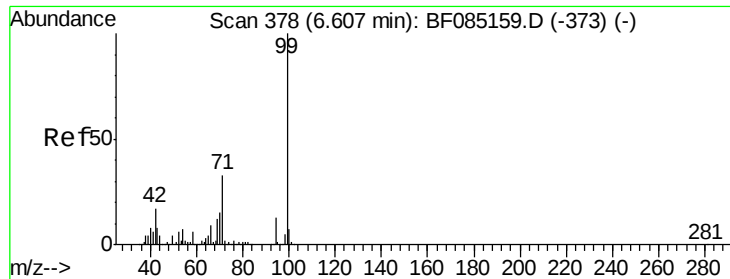


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.91 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

Tot Ion: 99 Resp: 1056190

Ion Ratio Lower Upper

99 100

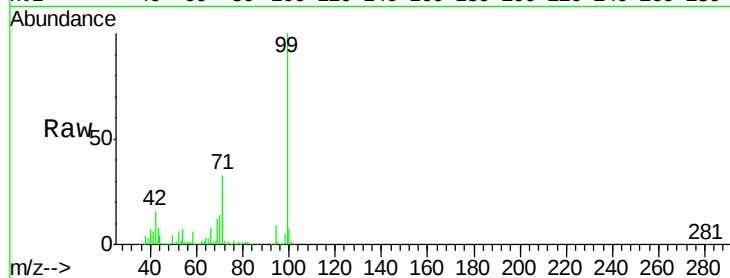
42 16.1 13.6 20.4

71 33.5 26.7 40.1

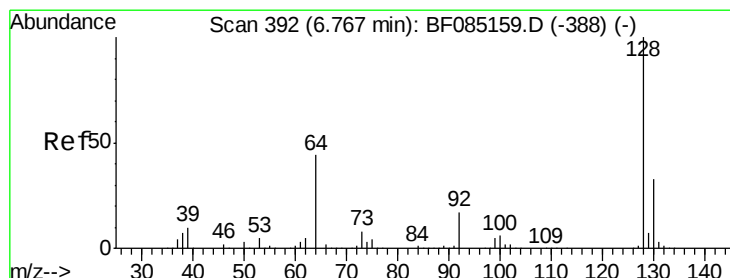
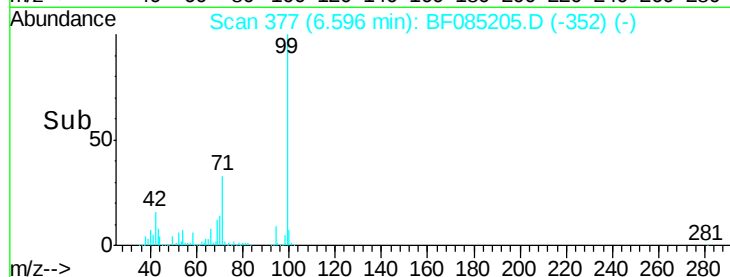
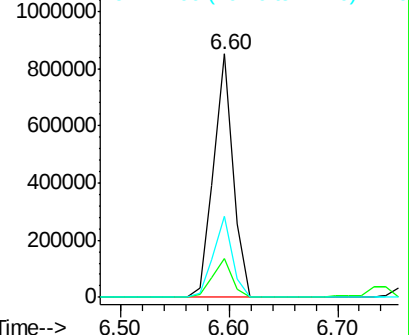
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.94 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

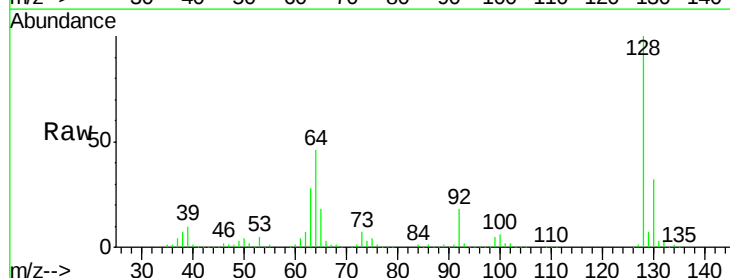
Tgt Ion: 128 Resp: 485049

Ion Ratio Lower Upper

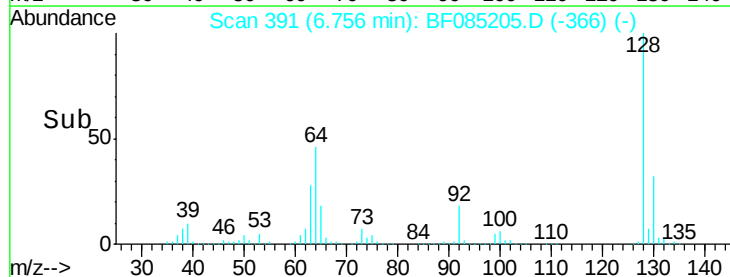
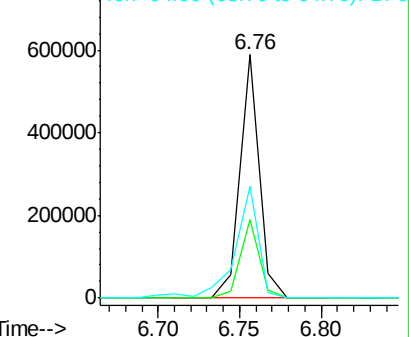
128 100

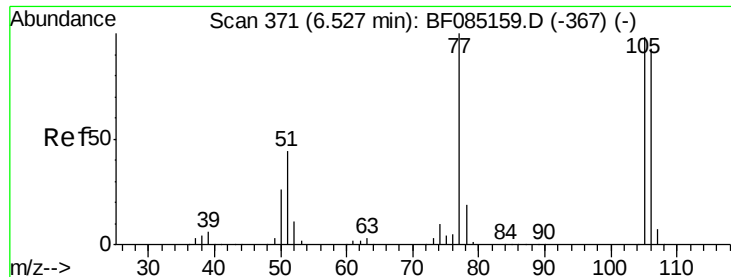
130 32.1 13.3 53.3

64 46.1 25.7 65.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.39 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

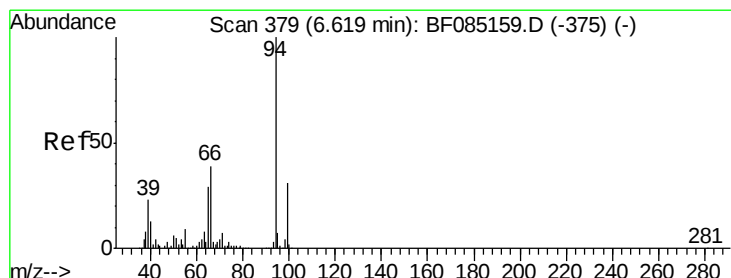
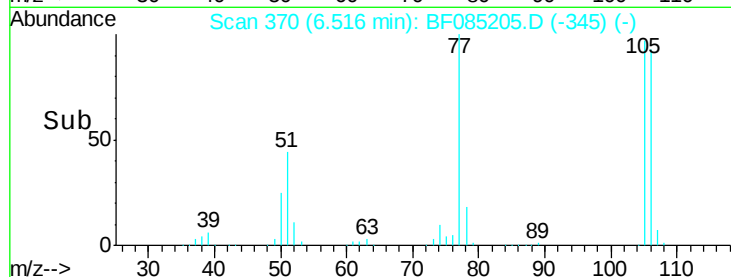
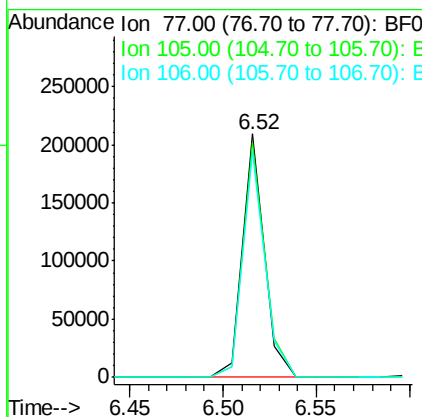
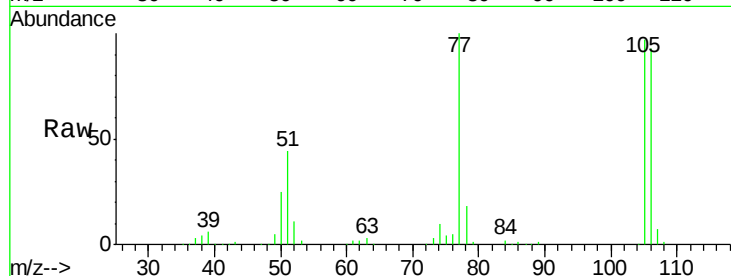
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Tot Ion:	77	Resp:	170545
Ion	Ratio	Lower	Upper
77	100		
105	96.5	78.2	118.2
106	92.5	72.9	112.9



#10

Phenol

Concen: 38.53 ng m

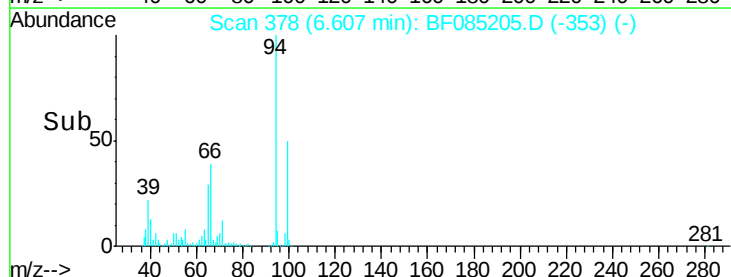
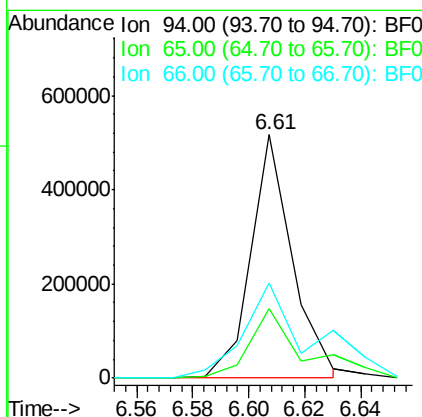
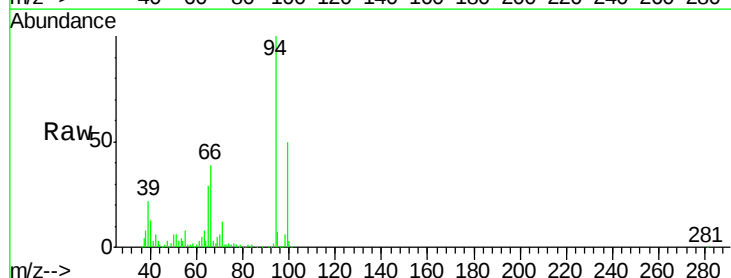
RT: 6.61 min Scan# 378

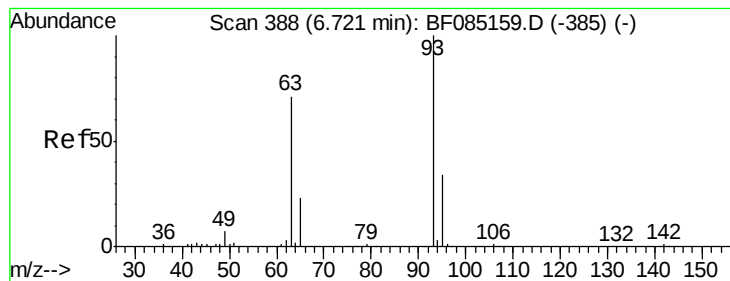
Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:	94	Resp:	532092
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.1	49.1
66	39.3	19.3	59.3





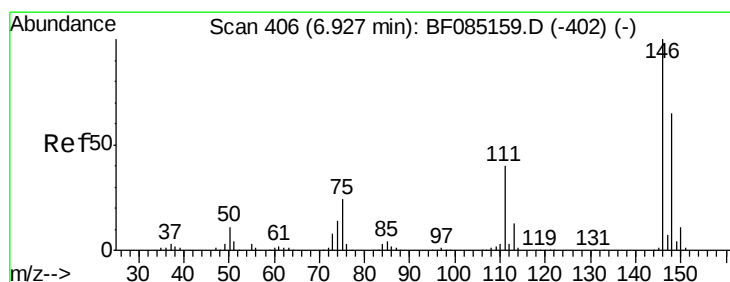
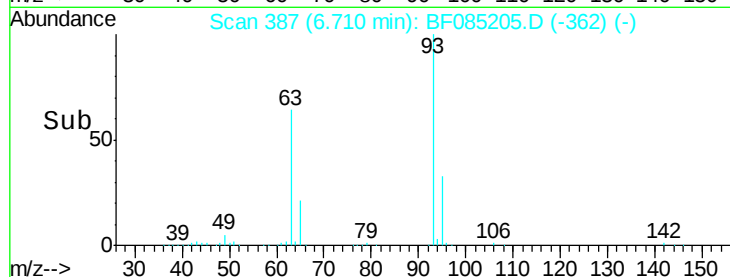
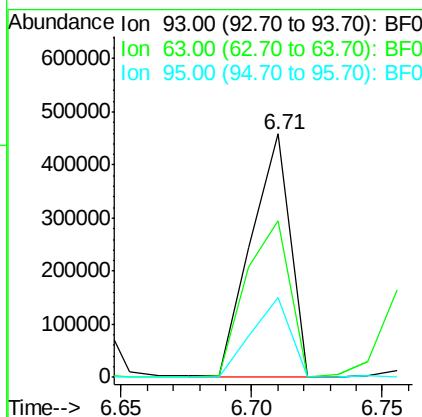
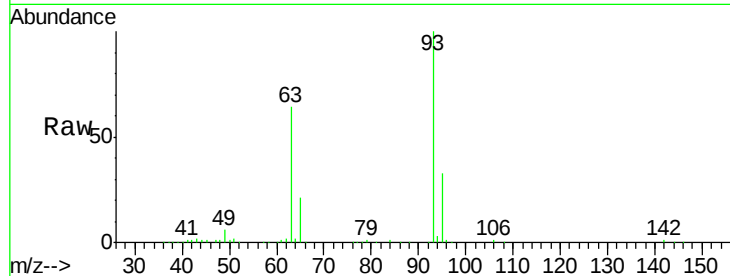
#11
bis(2-Chloroethyl)ether
Concen: 42.10 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion:	93	Resp:	482886
Ion Ratio	Lower	Upper	
93	100		
63	64.5	50.9	90.9
95	33.0	13.7	53.7

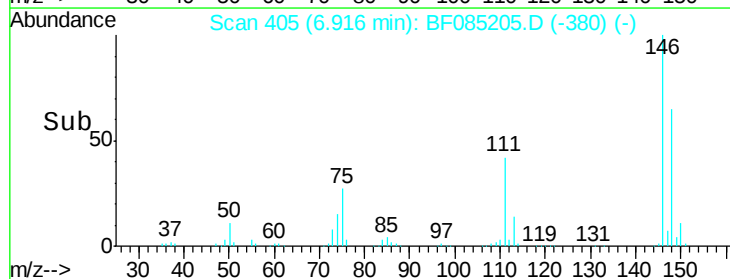
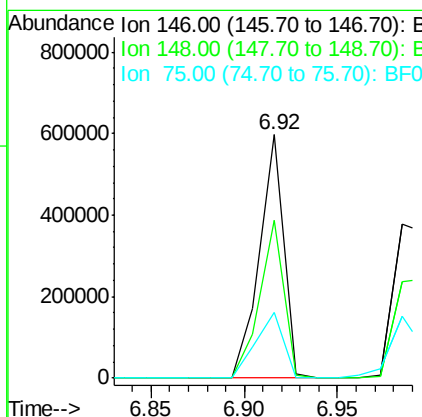
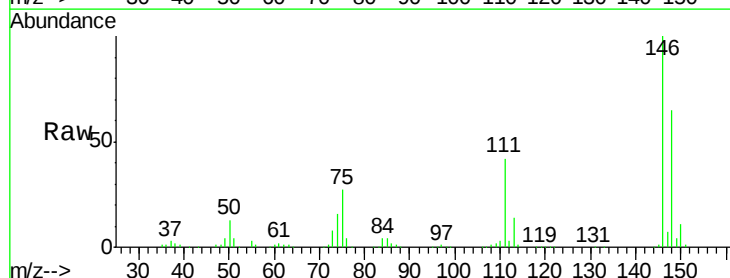
Manual Integrations
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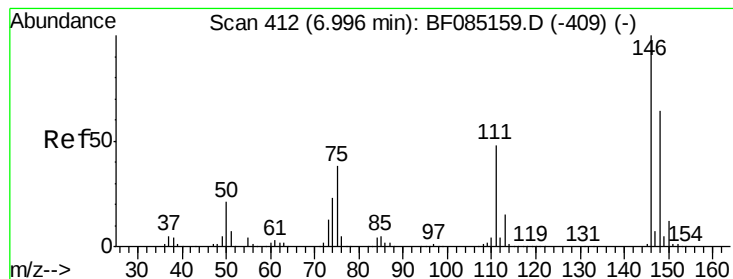
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#12
1,3-Dichlorobenzene
Concen: 41.97 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:	146	Resp:	533849
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.1	78.1
75	26.8	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 40.09 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

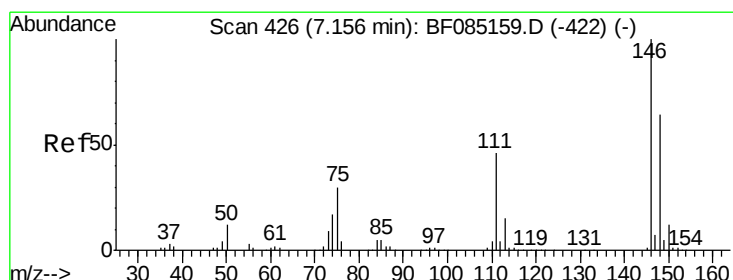
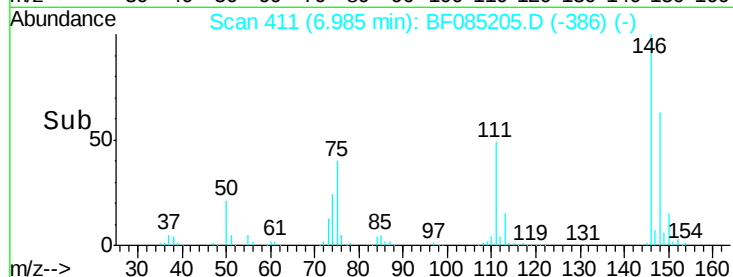
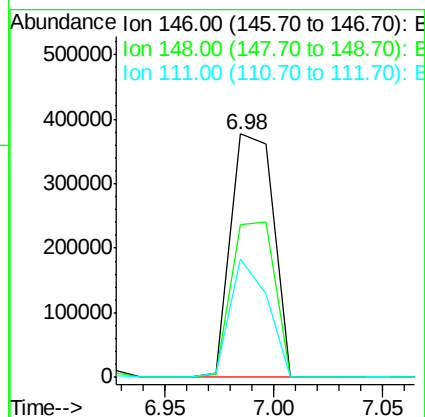
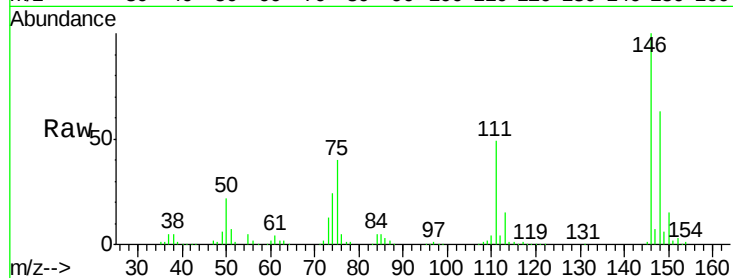
ClientSampleId :

PB88682BSD

Tot Ion:	146	Resp:	511054
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.3	76.9
111	48.8	38.4	57.6

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#14

1,2-Dichlorobenzene

Concen: 42.31 ng

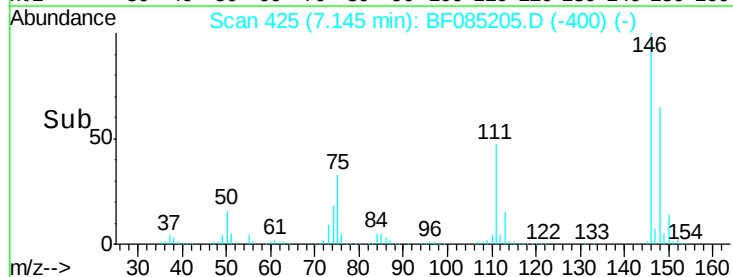
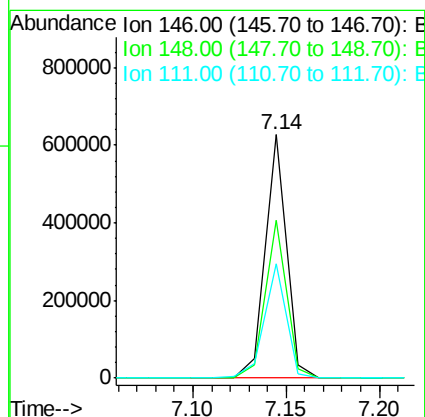
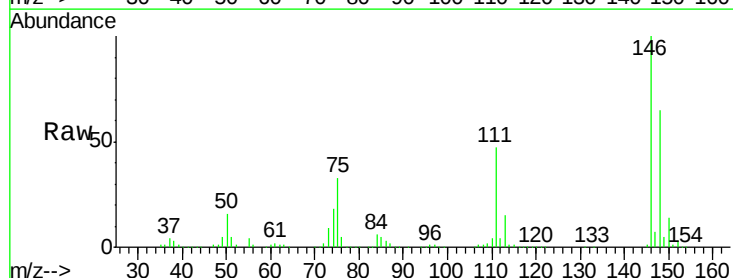
RT: 7.14 min Scan# 425

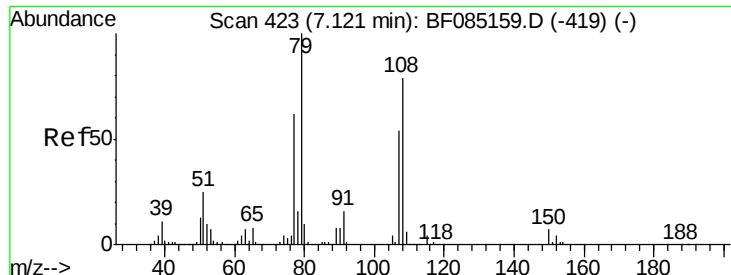
Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:	146	Resp:	489432
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
111	46.9	36.7	55.1





#15

Benzyl Alcohol

Concen: 44.39 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

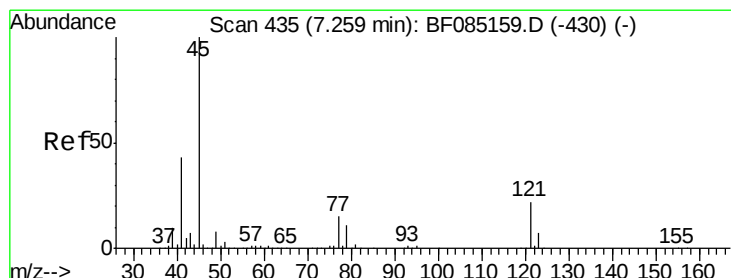
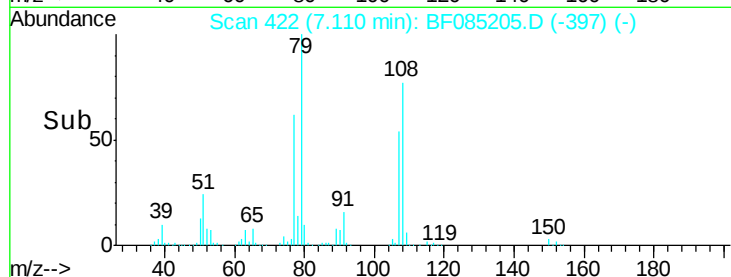
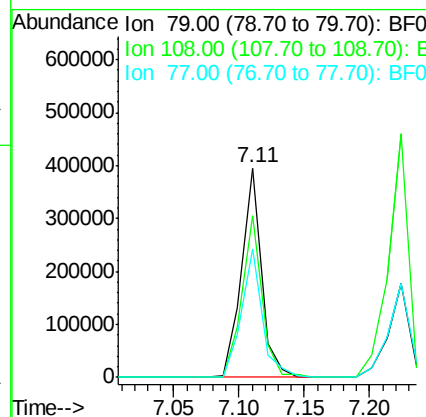
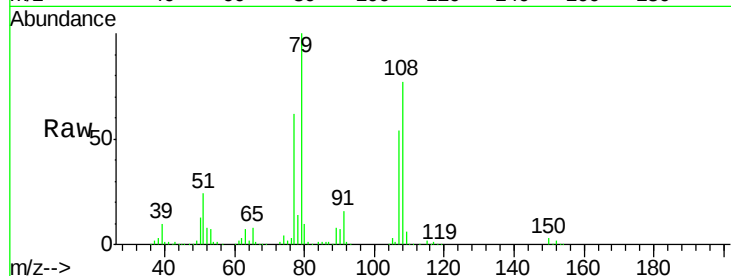
ClientSampleId :

PB88682BSD

Tot Ion:	79	Resp:	420169
Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.9	94.3
77	61.5	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.82 ng

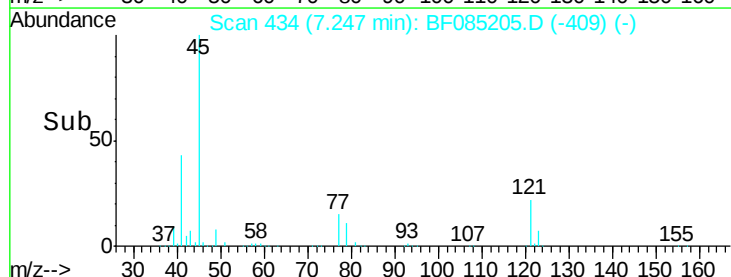
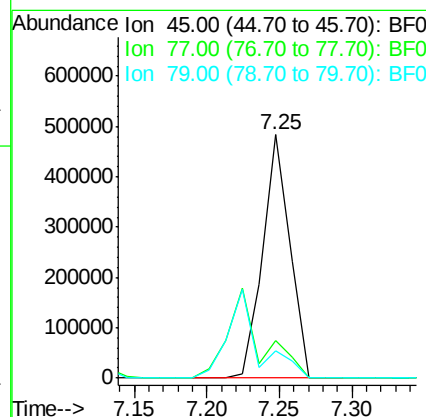
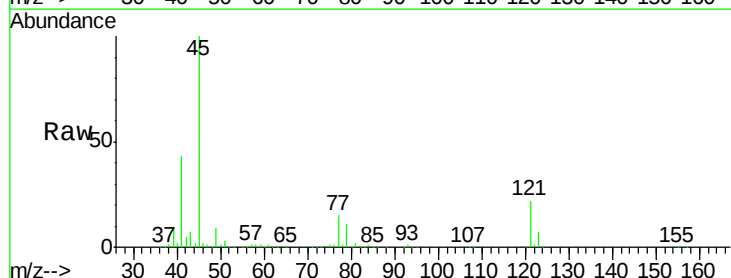
RT: 7.25 min Scan# 434

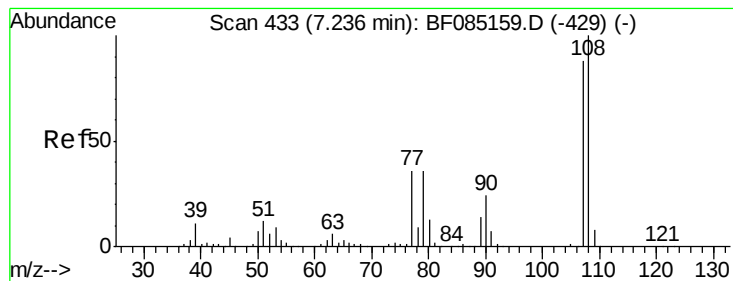
Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:	45	Resp:	625306
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.1
79	11.5	0.0	31.3





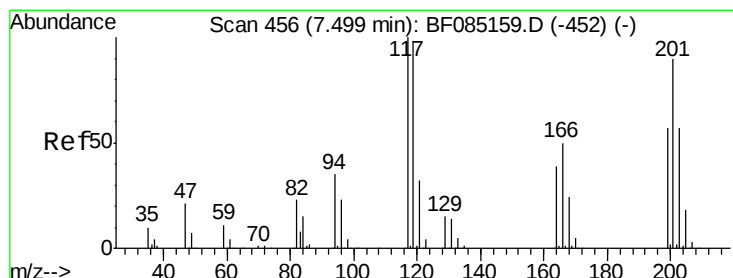
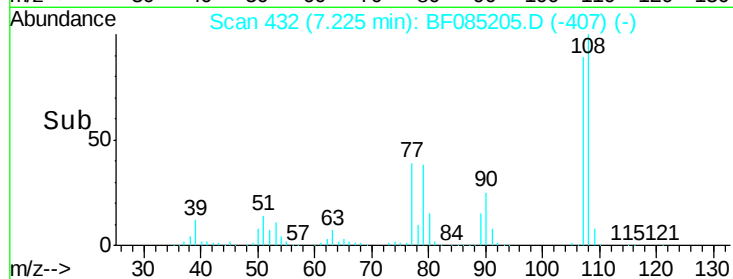
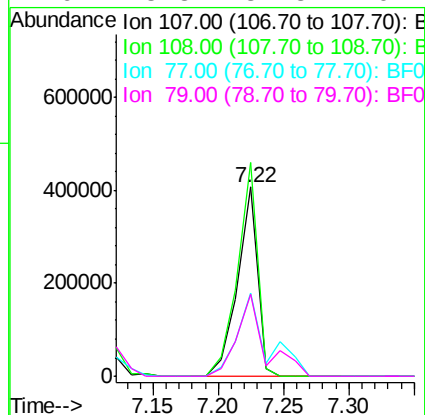
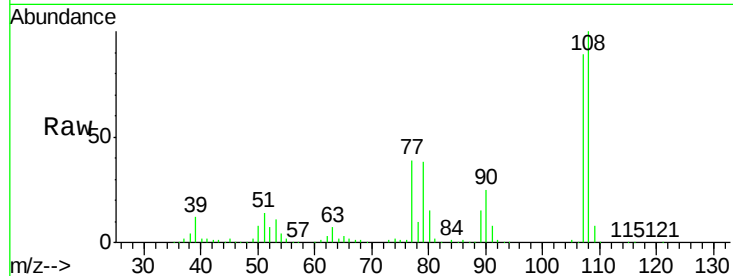
#17
2-Methylphenol
Concen: 44.36 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion:	107	Resp:	428875
Ion Ratio	Lower	Upper	
107	100		
108	112.8	90.9	136.3
77	43.7	32.6	48.8
79	43.3	32.8	49.2

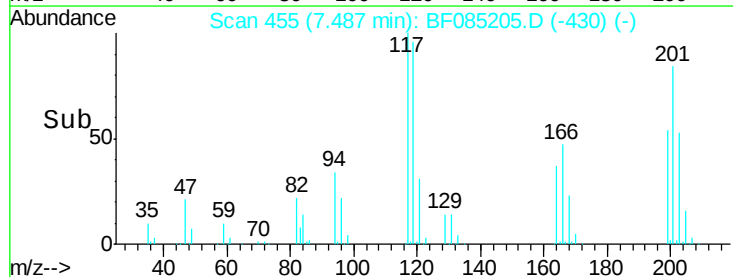
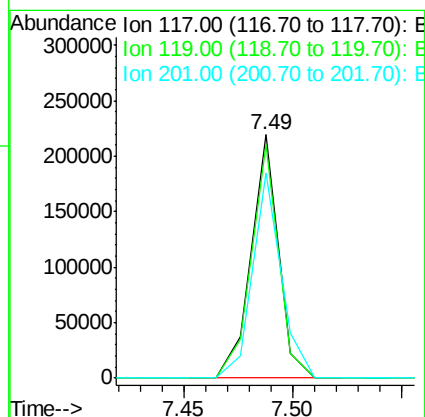
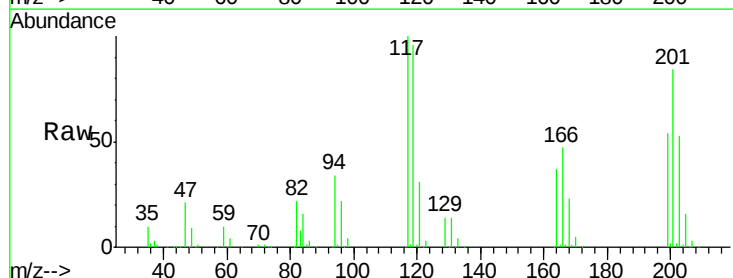
Manual Integrations
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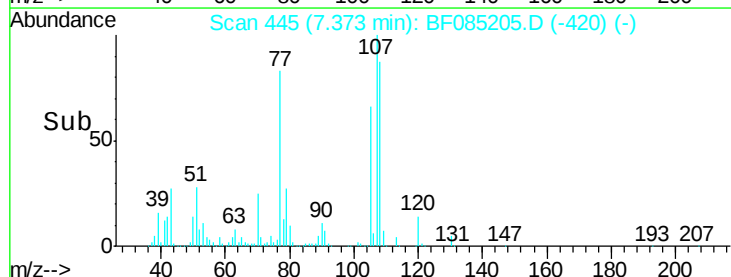
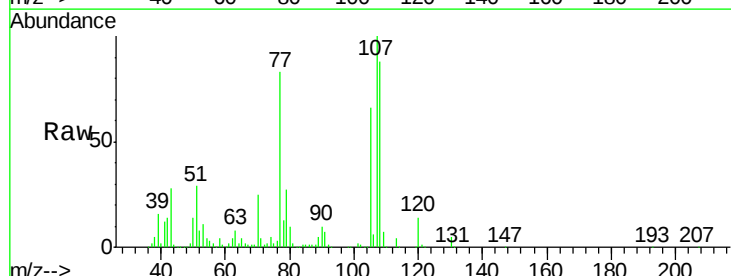
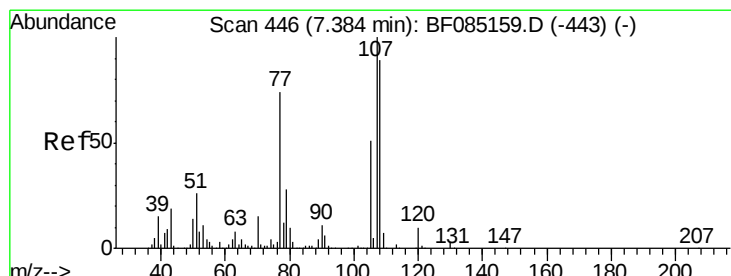
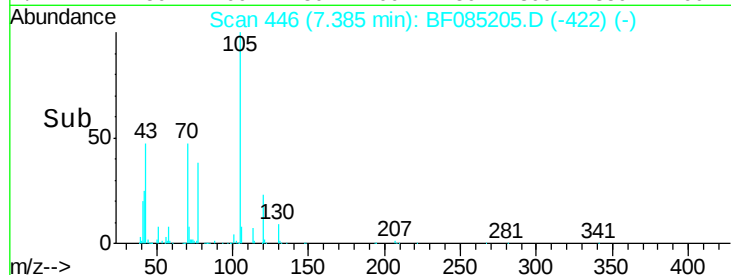
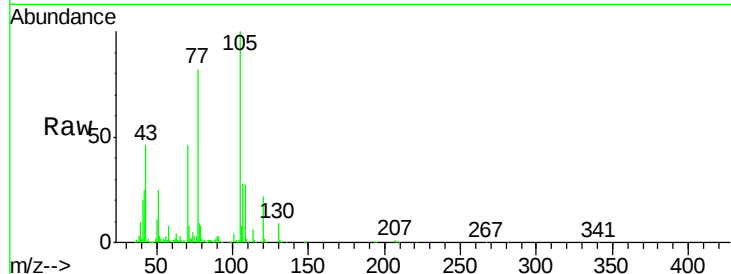
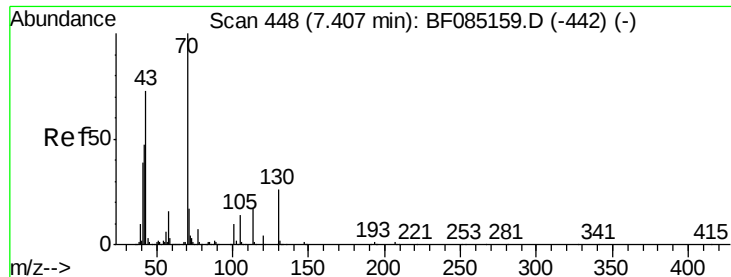
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3/7/2016 3:30:36 PM



#18
Hexachloroethane
Concen: 40.76 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:	117	Resp:	191710
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.2	117.4
201	84.1	72.0	108.0





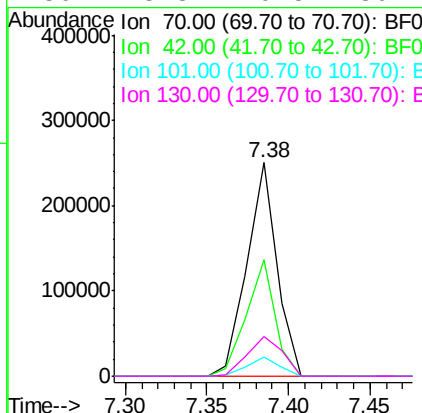
#19
n-Nitroso-di-n-propylamine
Concen: 38.00 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.7	37.7	56.5
101	9.2	8.2	12.4
130	18.8	20.5	30.7#

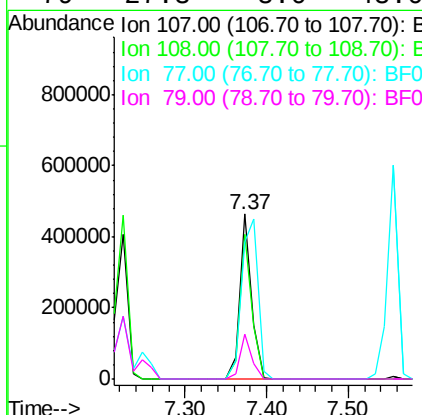
Manual Integrations
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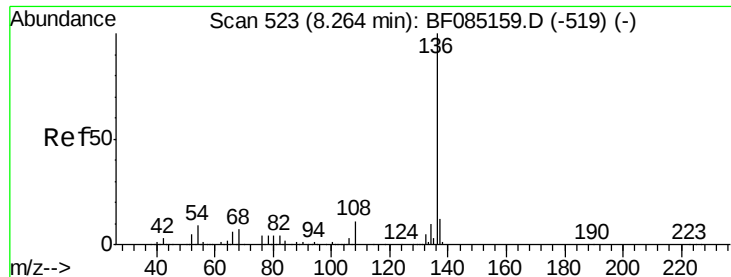
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#20
3+4-Methylphenols
Concen: 40.94 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.8	108.8
77	83.2	53.6	93.6
79	27.3	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

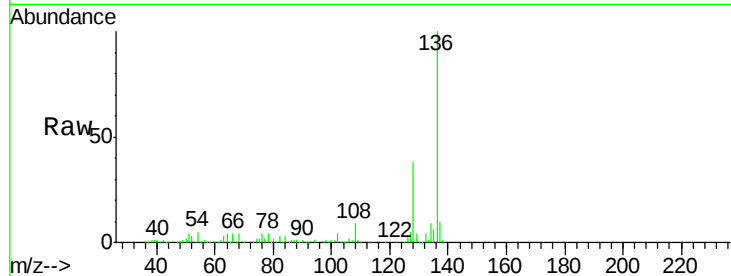
ClientSampleId :

PB88682BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.3	13.9
54	5.2	7.4	11.2#
68	4.5	6.0	9.0#

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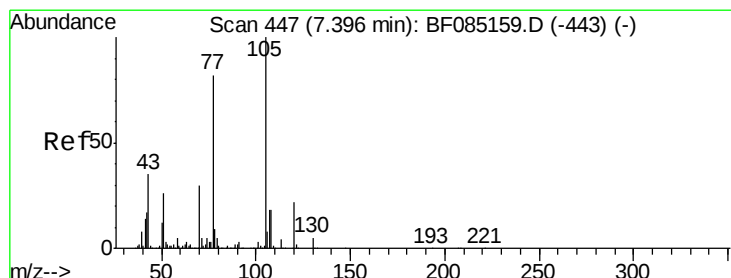
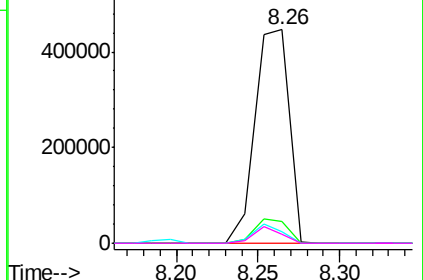
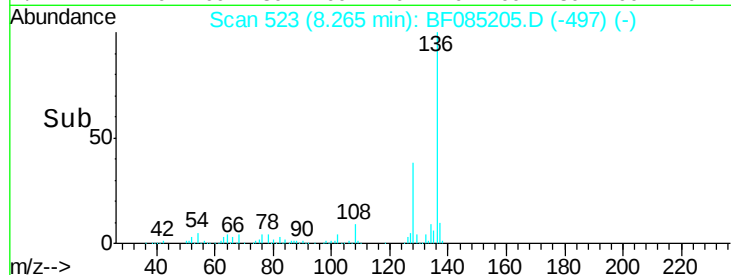


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.16 ng

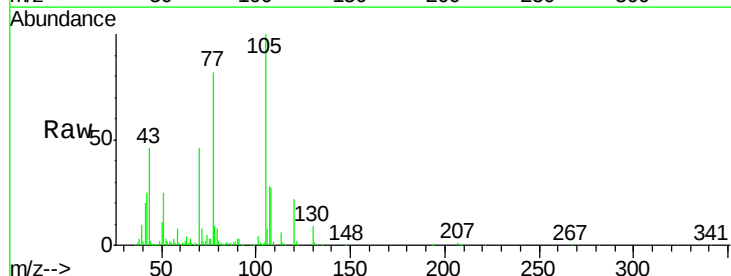
RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.8	4.1	6.1#
51	25.0	21.1	31.7
120	21.9	17.3	25.9

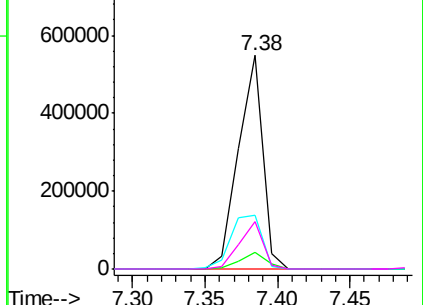
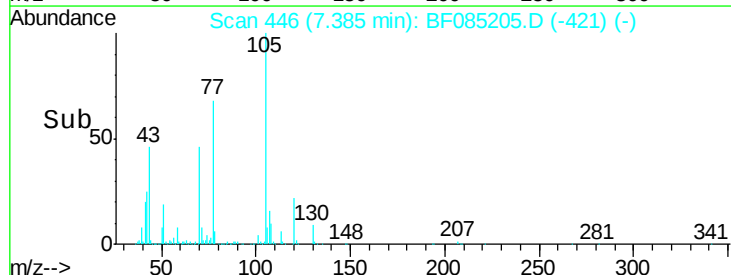


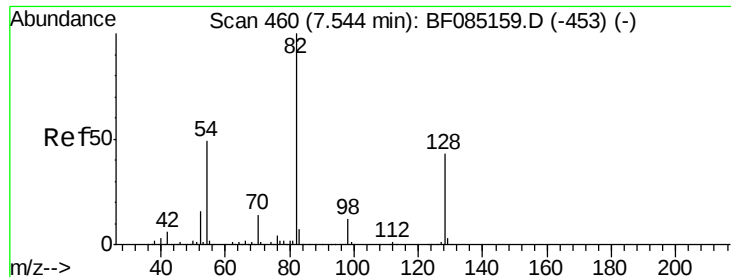
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





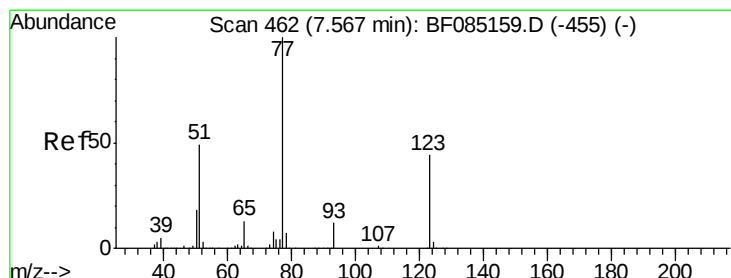
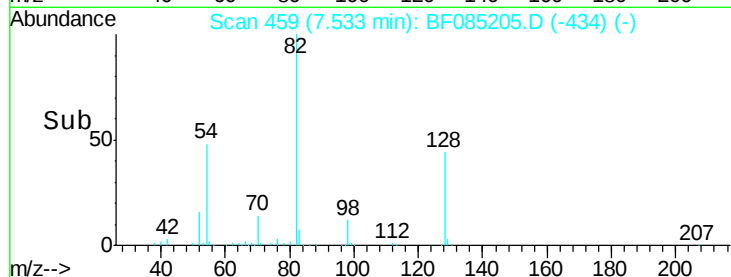
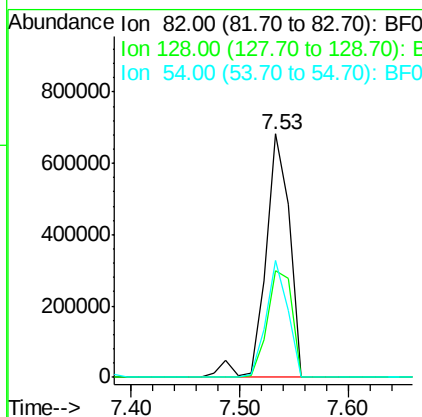
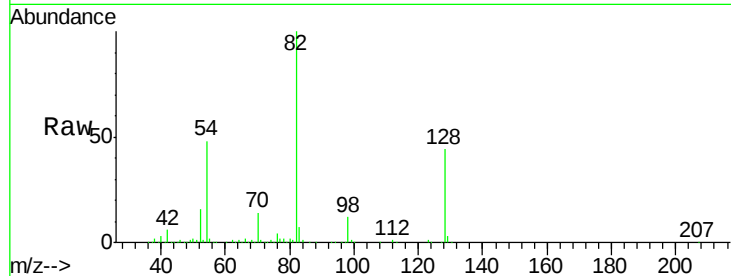
#23
 Nitrobenzene-d5
 Concen: 85.48 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion: 82 Resp: 1037826
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.5 51.7
 54 48.3 39.3 58.9

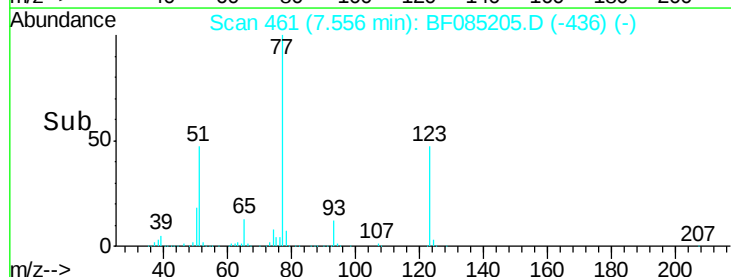
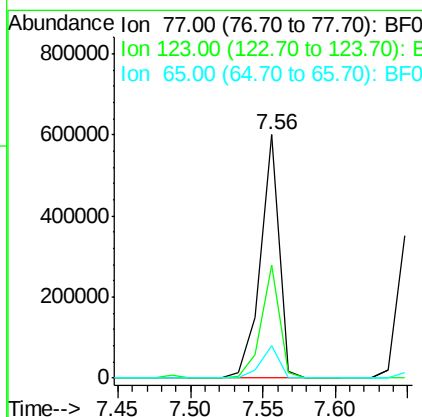
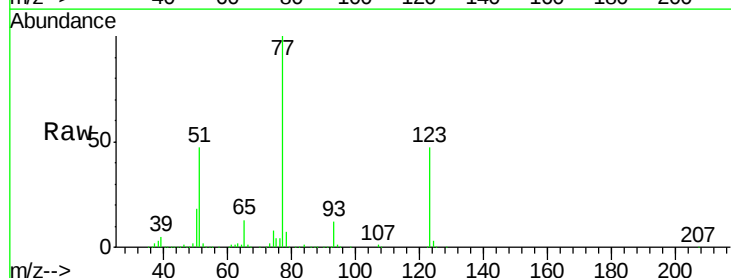
Manual Integrations
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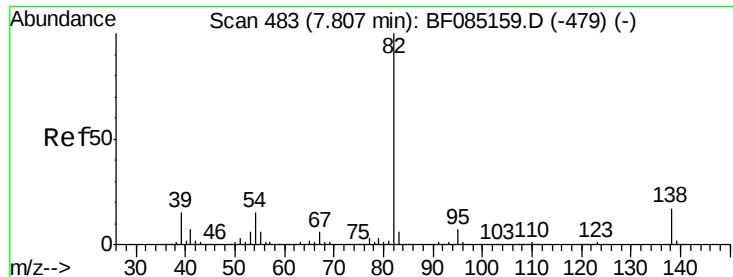
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#24
 Nitrobenzene
 Concen: 43.40 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion: 77 Resp: 535272
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.4 53.2
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 42.44 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

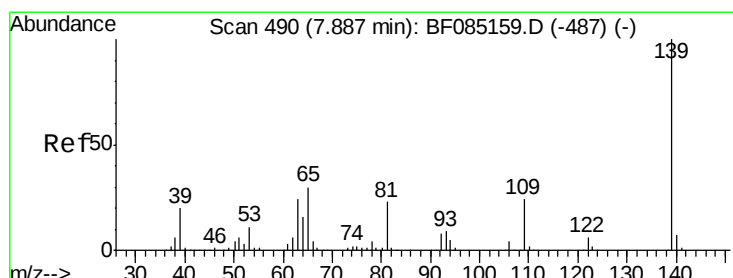
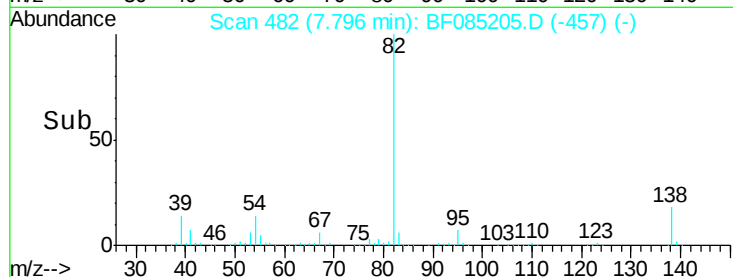
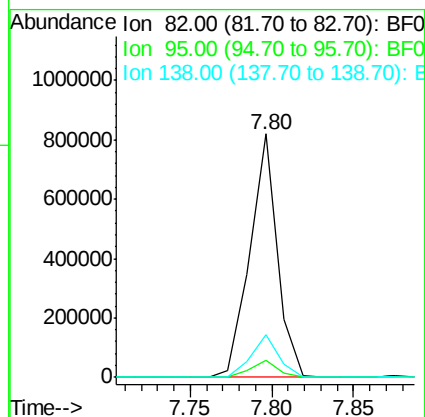
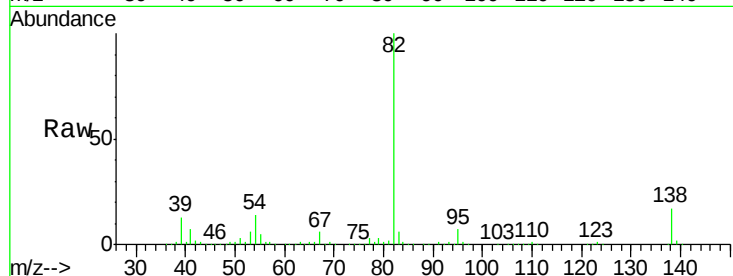
ClientSampleId :

PB88682BSD

Tot Ion:	82	Resp:	954937
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.3	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.38 ng

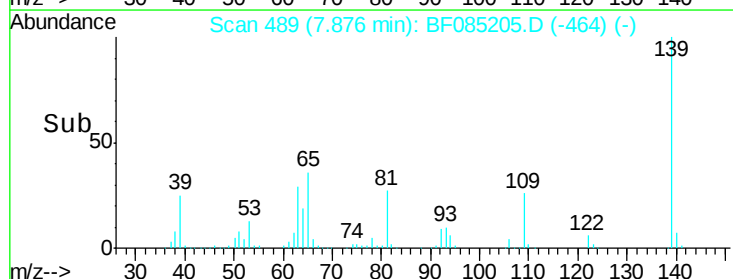
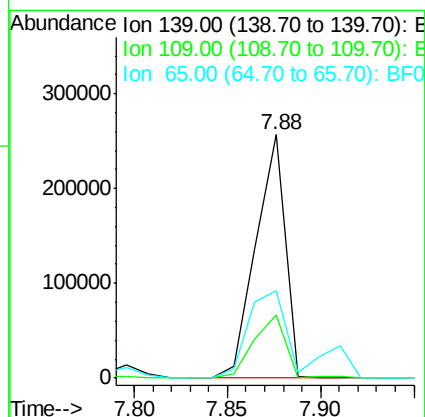
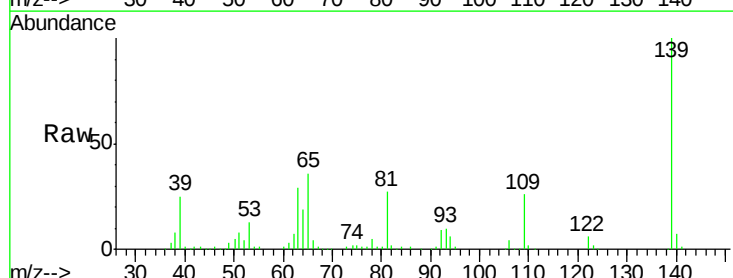
RT: 7.88 min Scan# 489

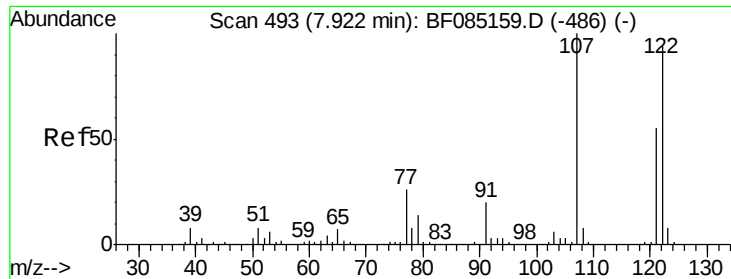
Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:	139	Resp:	278387
Ion Ratio		Lower	Upper
139	100		
109	25.7	19.1	28.7
65	36.1	23.9	35.9#





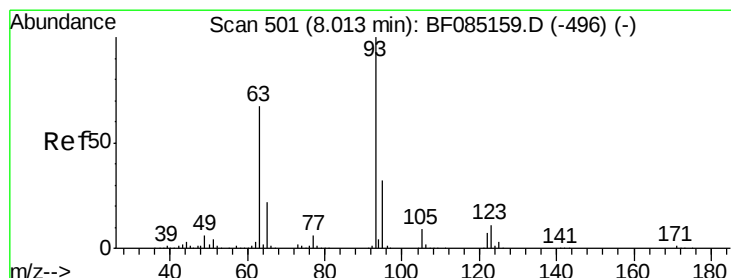
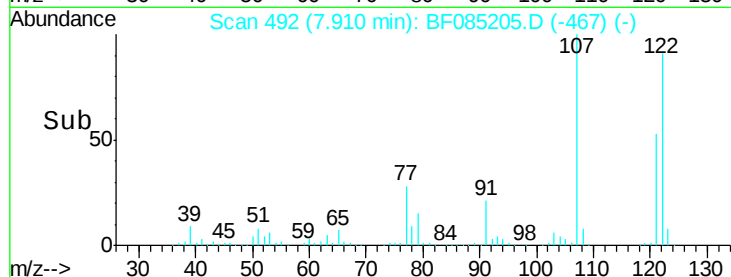
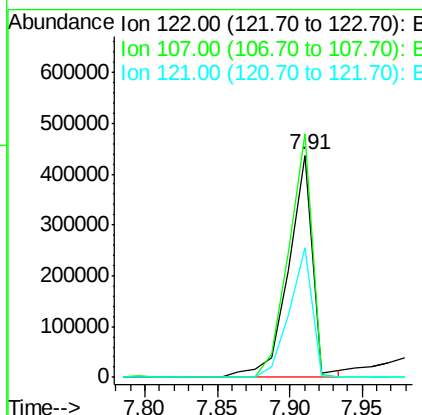
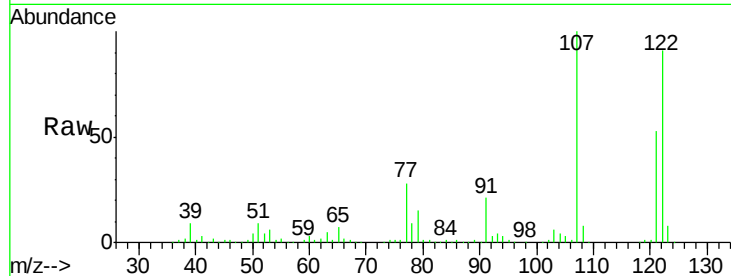
#27
2,4-Dimethylphenol
Concen: 45.86 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		503015		
107	109.7	84.8	127.2		
121	58.3	47.0	70.6		

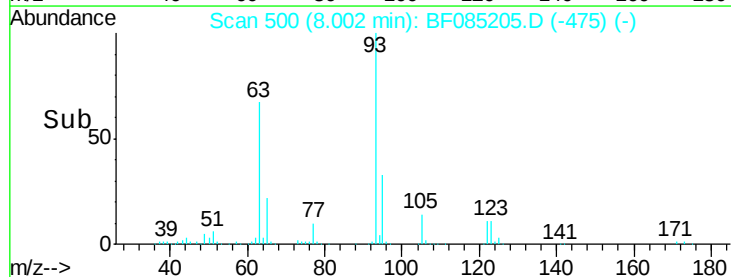
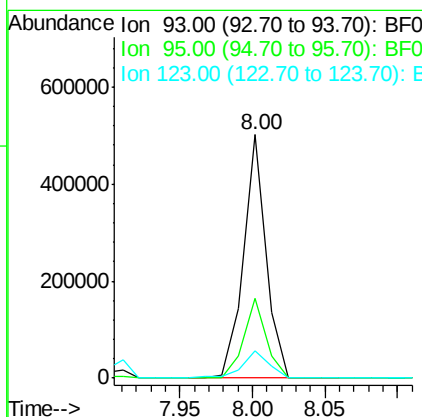
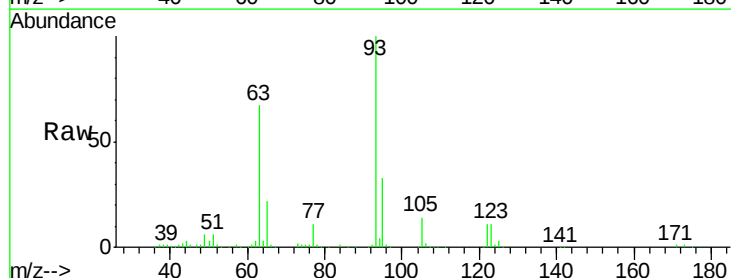
Manual Integrations
APPROVED

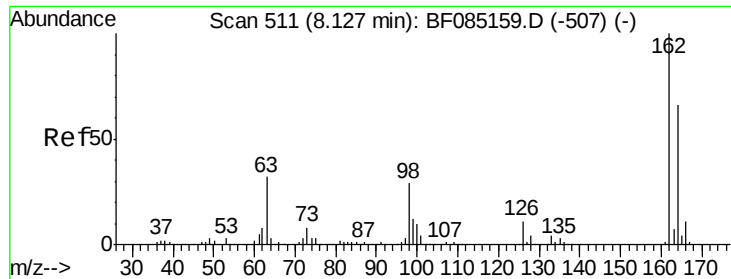
UMANGI
3/7/2016 3:30:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.08 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		539839		
95	32.8	25.9	38.9		
123	11.3	8.8	13.2		





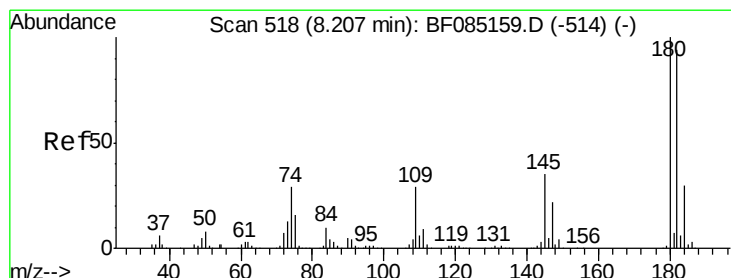
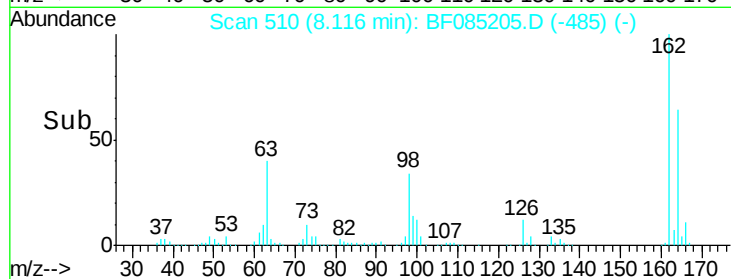
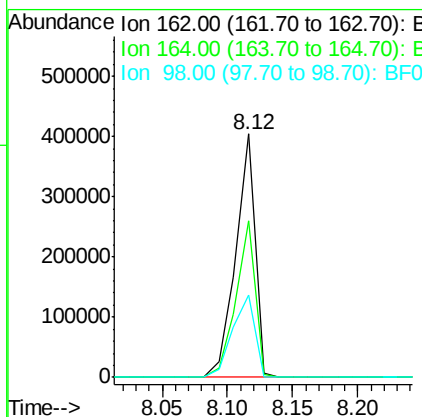
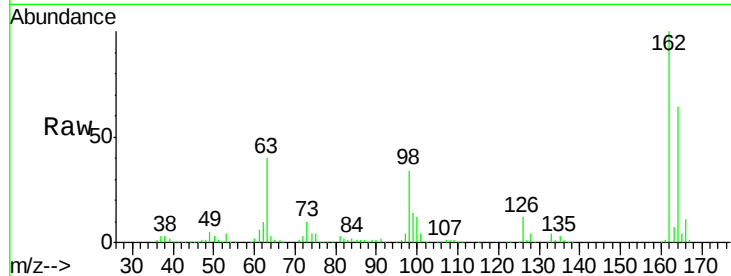
#29
2,4-Dichlorophenol
Concen: 46.91 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	415021		
164	64.5	45.7	85.7	
98	33.9	9.4	49.4	

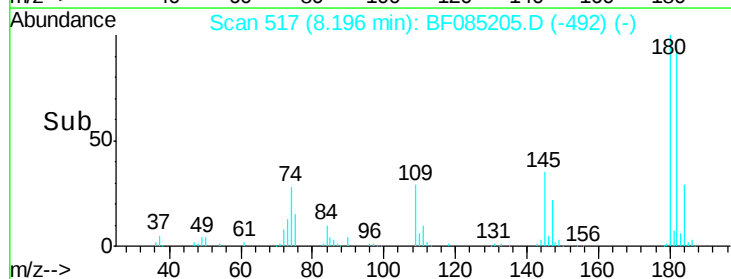
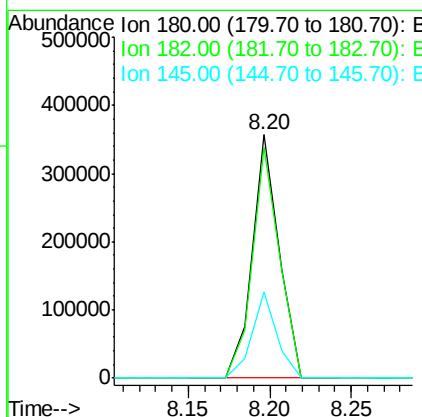
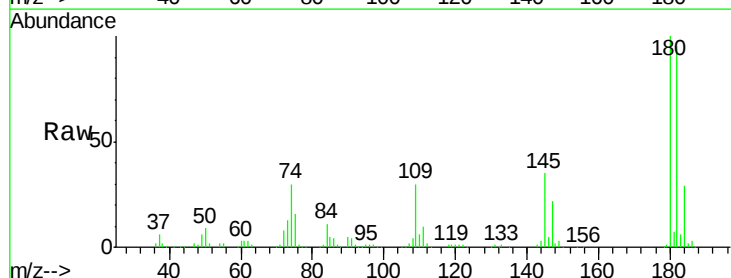
Manual Integrations
APPROVED

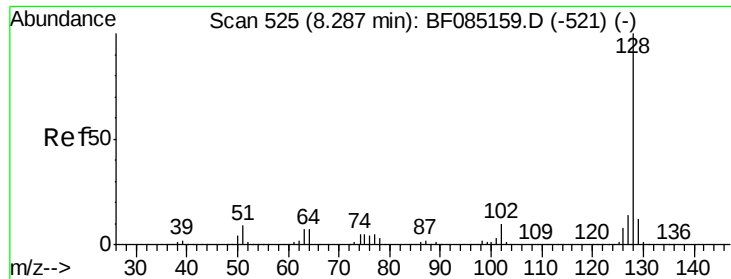
UMANGI
3/7/2016 3:30:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.46 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	406123		
182	94.8	74.9	112.3	
145	35.1	27.9	41.9	





#31

Naphthalene

Concen: 42.62 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

Tot Ion:128 Resp: 1361444

Ion Ratio Lower Upper

128 100

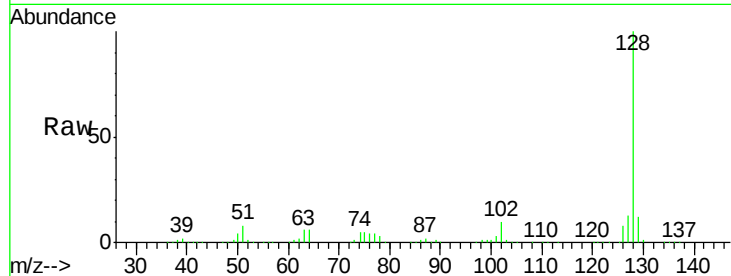
129 11.6 9.7 14.5

127 13.5 11.2 16.8

Manual Integrations
APPROVED

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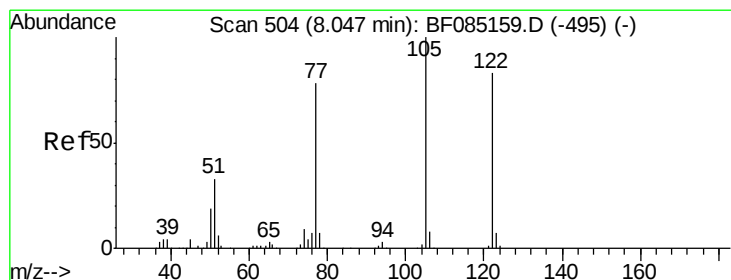
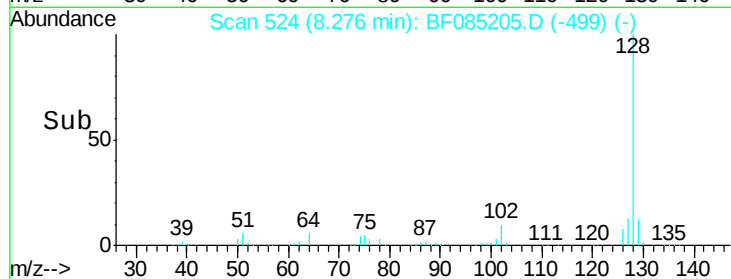
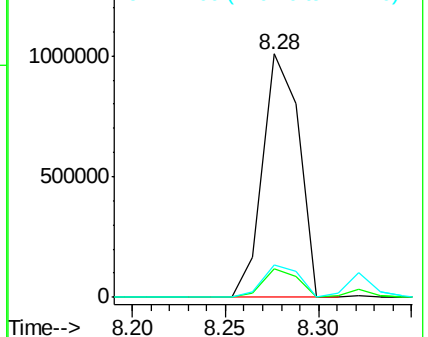
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.55 ng

RT: 8.01 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

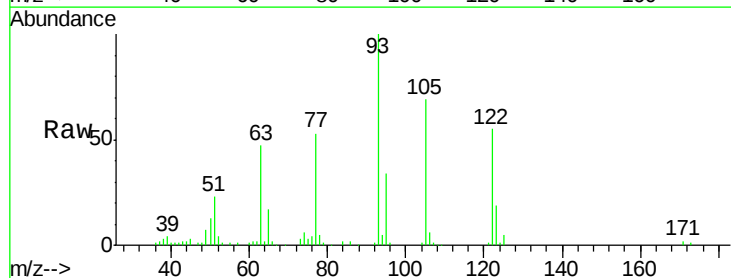
Tgt Ion:122 Resp: 215257

Ion Ratio Lower Upper

122 100

105 125.3 101.3 141.3

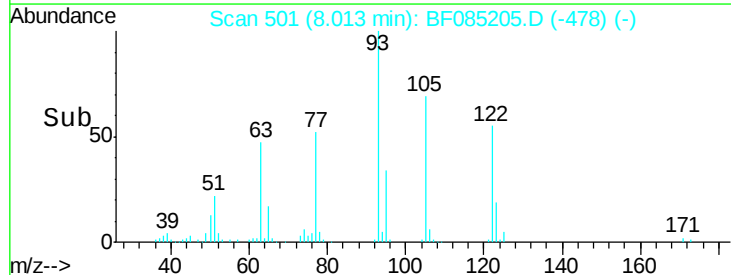
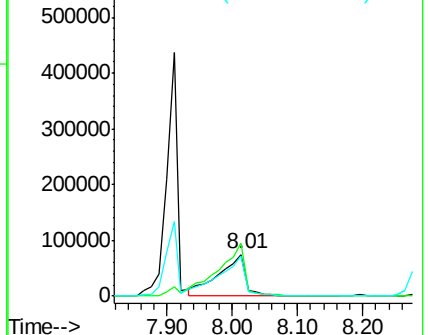
77 96.4 74.7 114.7

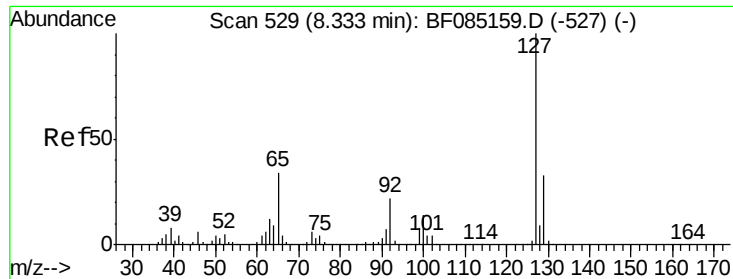


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





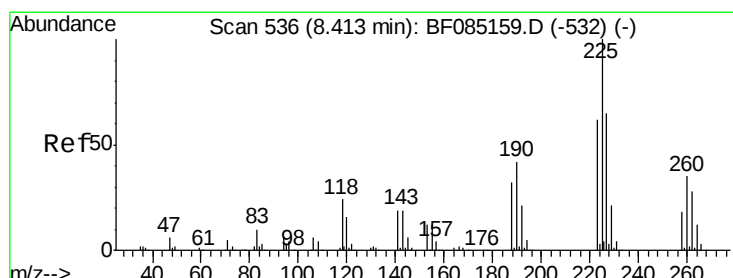
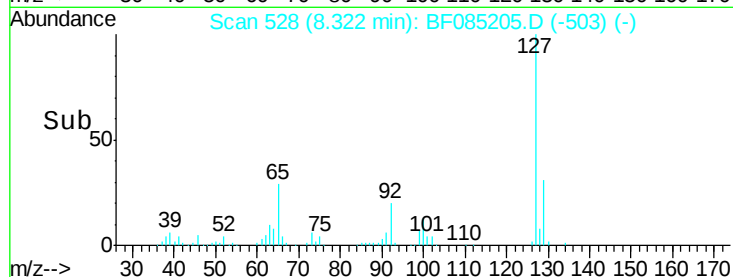
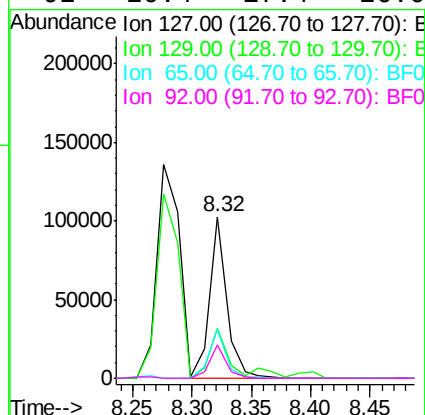
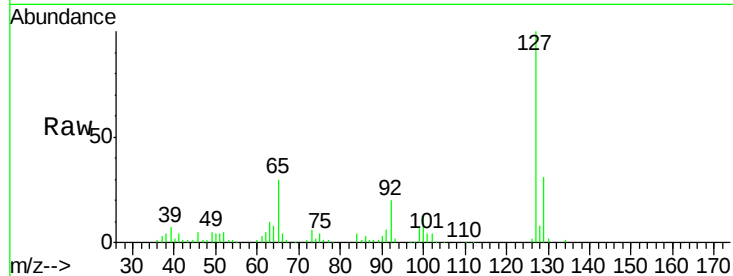
#33
4-Chloroaniline
Concen: 8.12 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	26.1	39.1		
65	29.7	27.0	40.6		
92	20.4	17.4	26.0		

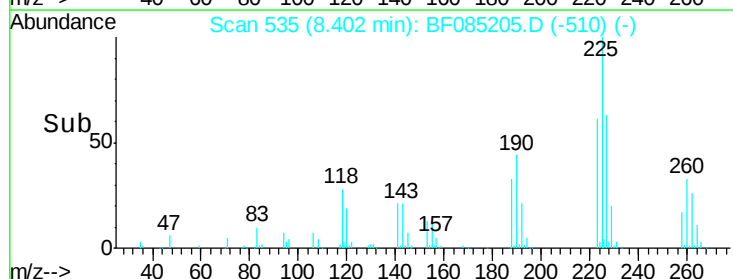
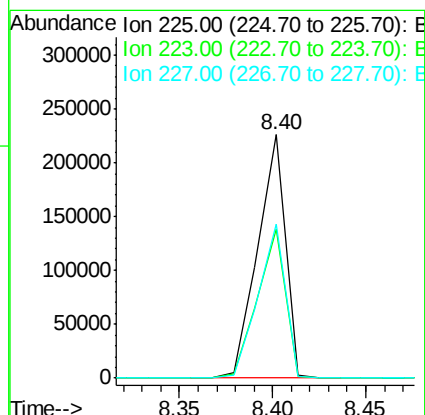
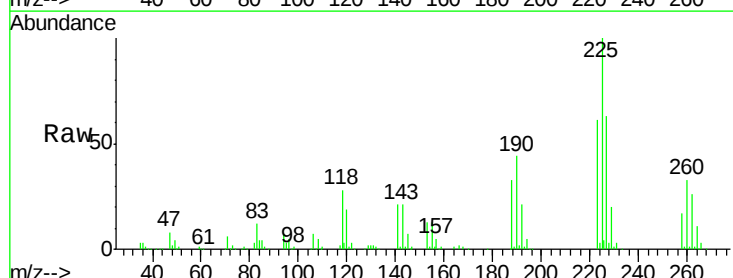
Manual Integrations
APPROVED

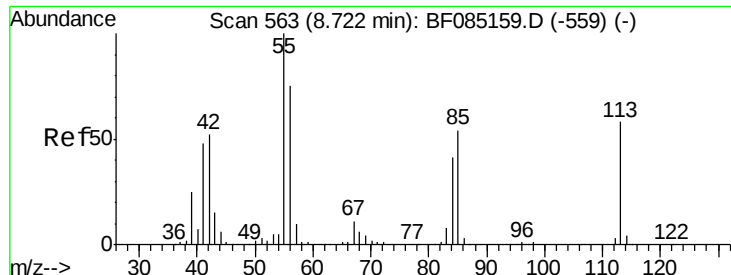
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#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	49.7	74.5		
227	63.3	52.2	78.4		





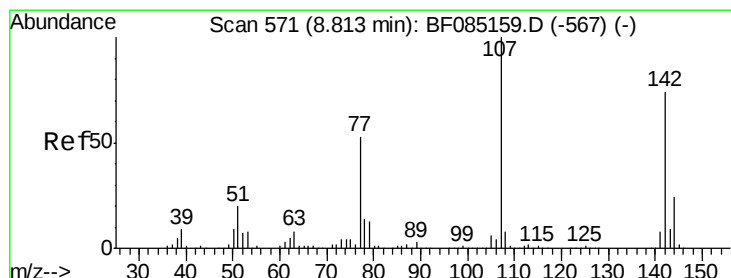
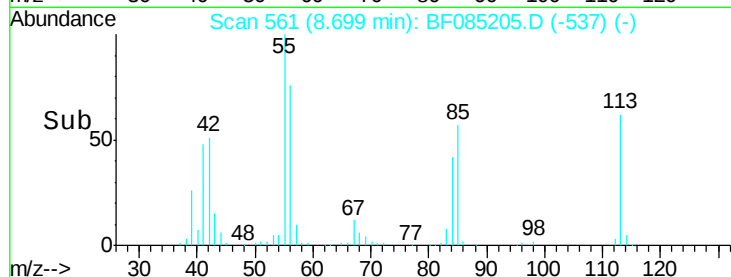
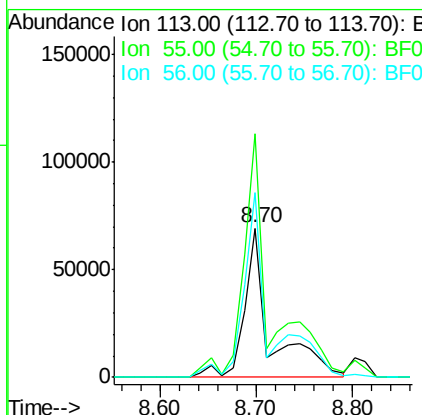
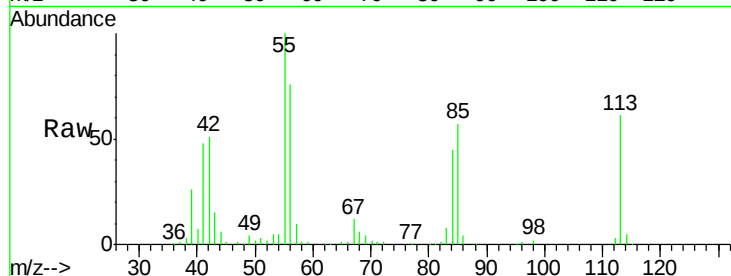
#35
 Caprolactam
 Concen: 45.60 ng/ml
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	162.9		152.7	192.7	
56	123.2		109.0	149.0	

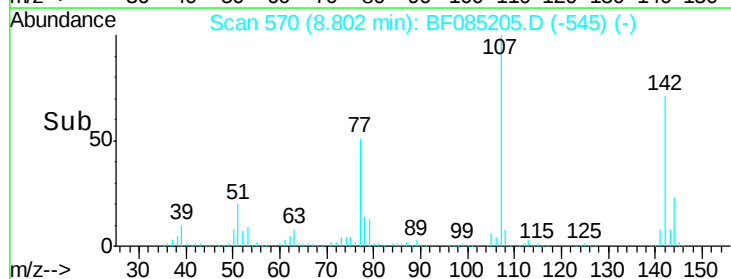
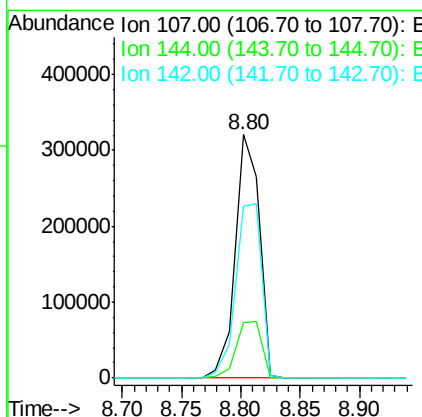
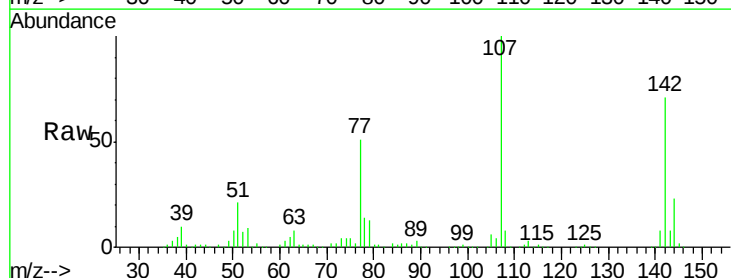
Manual Integrations
 APPROVED

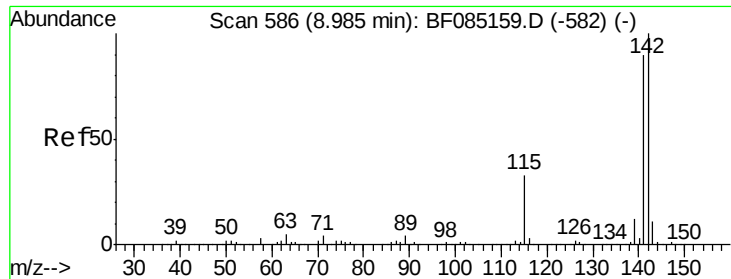
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#36
 4-Chloro-3-methylphenol
 Concen: 45.28 ng/ml
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.9		19.4	29.2	
142	70.9		59.4	89.2	





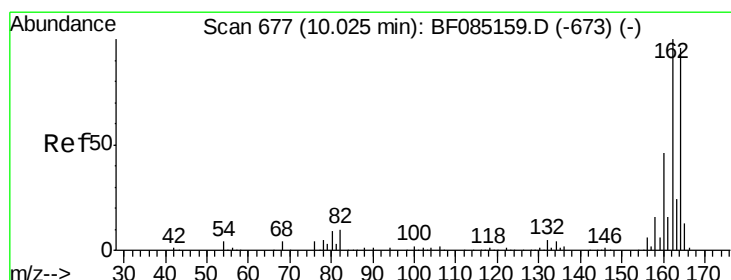
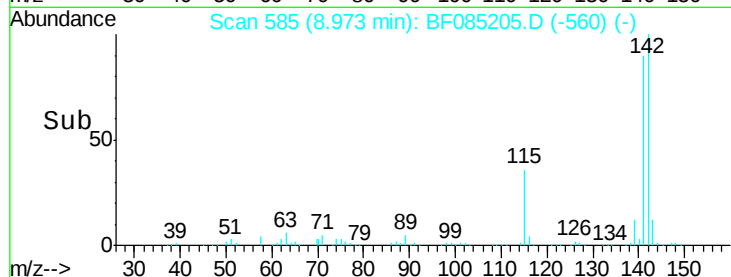
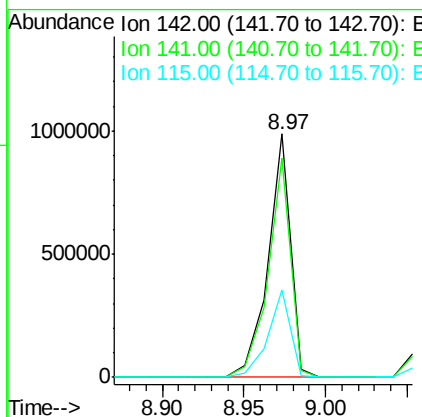
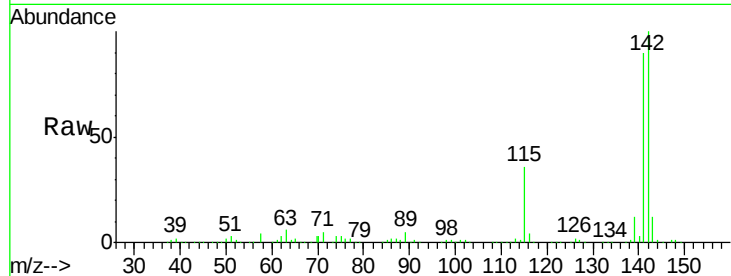
#37
2-Methylnaphthalene
Concen: 46.25 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	35.7	26.2	39.4

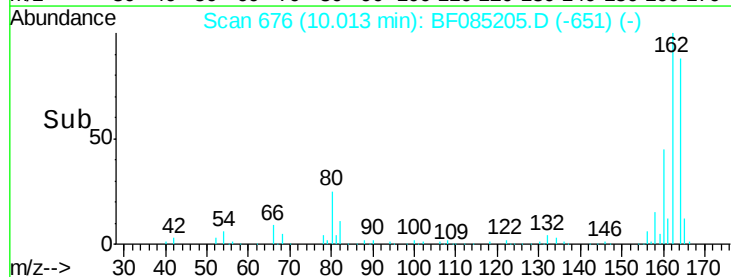
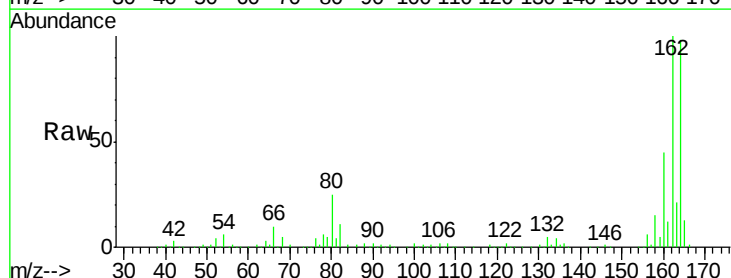
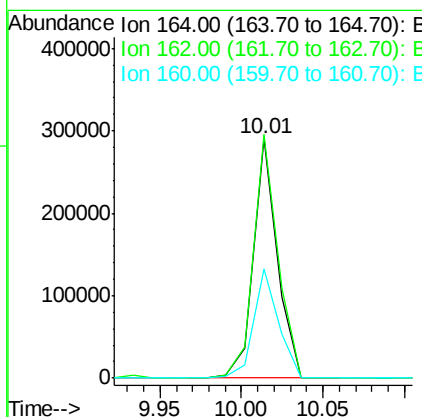
Manual Integrations
APPROVED

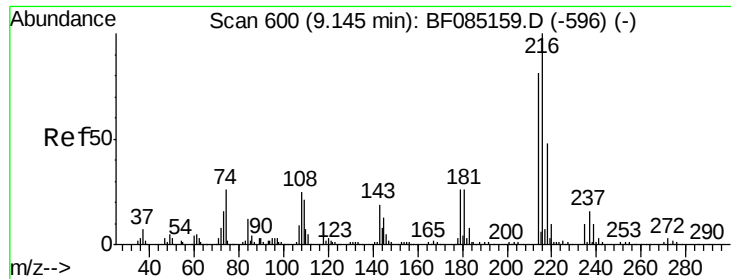
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.3	124.9
160	45.5	37.9	56.9





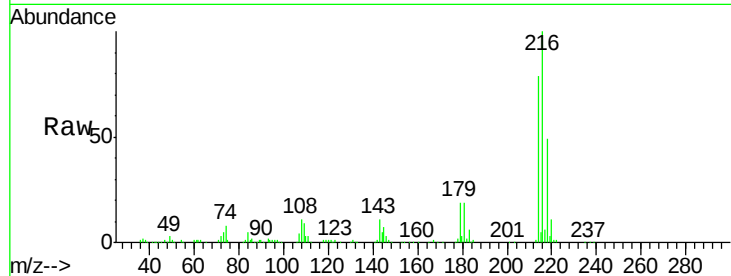
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.35 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

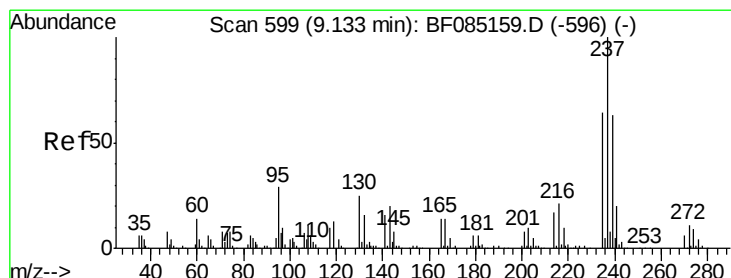
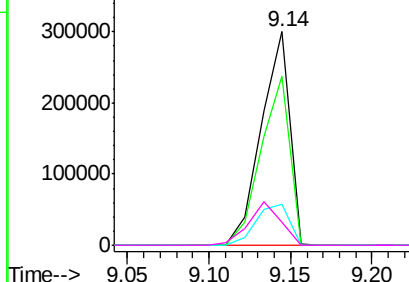
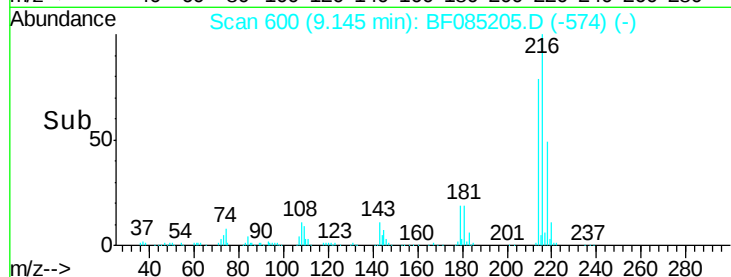
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		364556		
214	79.7		63.8	95.6	
179	22.5		19.6	29.4	
108	22.6		19.6	29.4	

Manual Integrations
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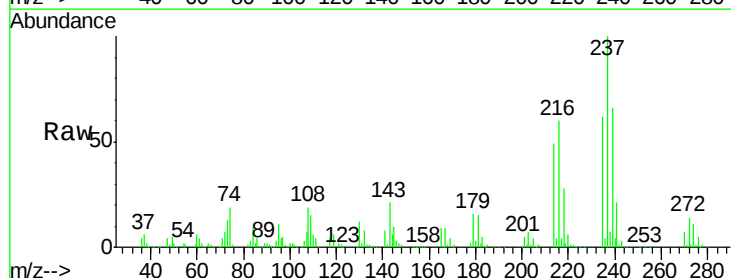


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

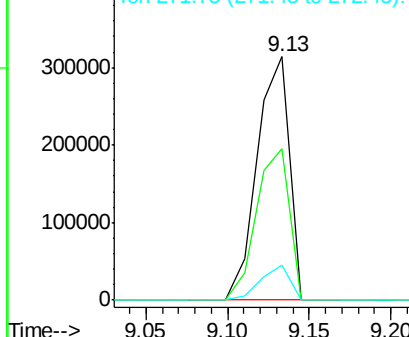
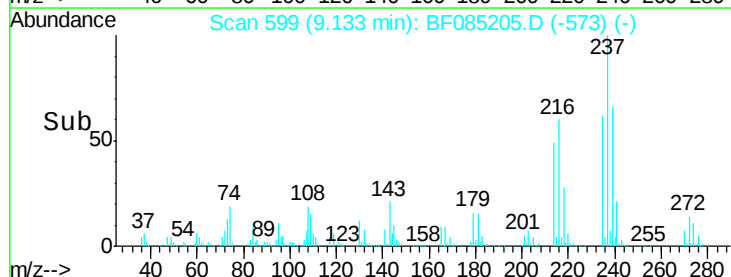


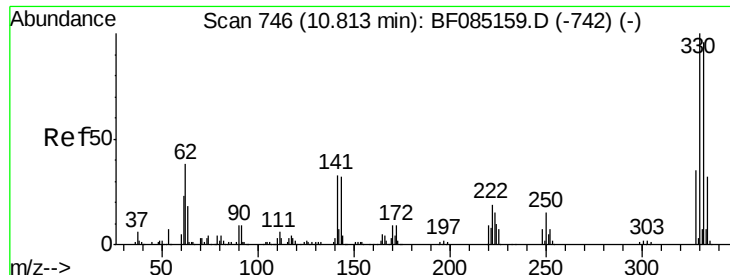
#40
 Hexachlorocyclopentadiene
 Concen: 94.88 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		430360		
235	62.4		43.7	83.7	
272	14.4		0.0	31.5	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





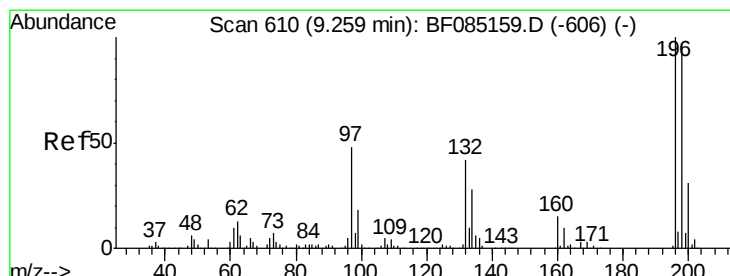
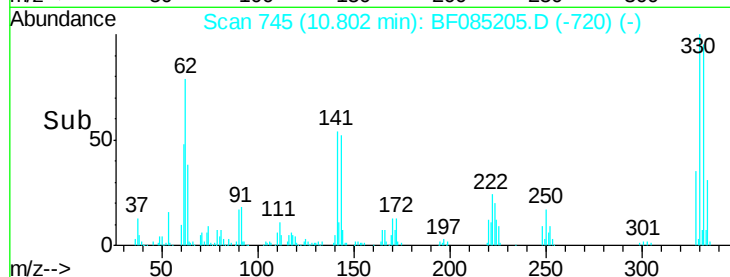
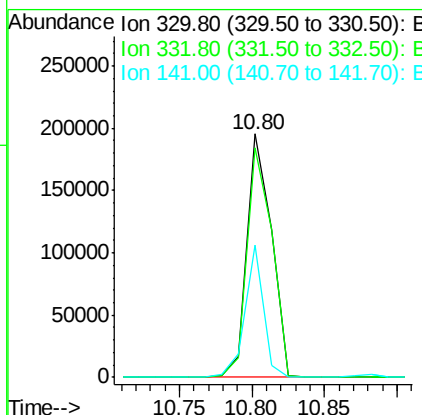
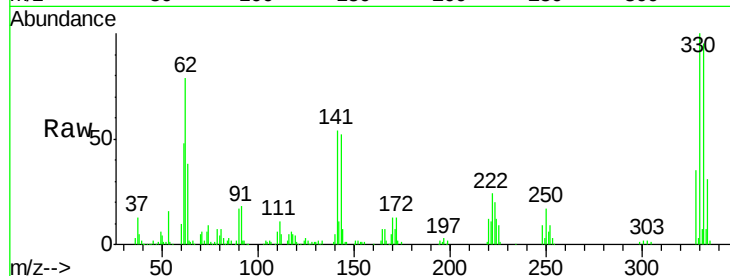
#41
 2,4,6-Tribromophenol
 Concen: 90.87 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampled :
 PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	228645		
332	96.8	77.1	115.7	
141	41.2	35.0	52.6	

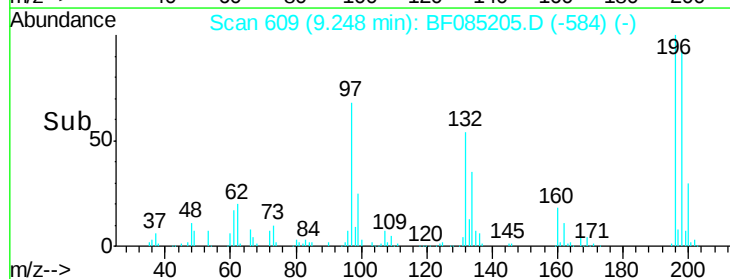
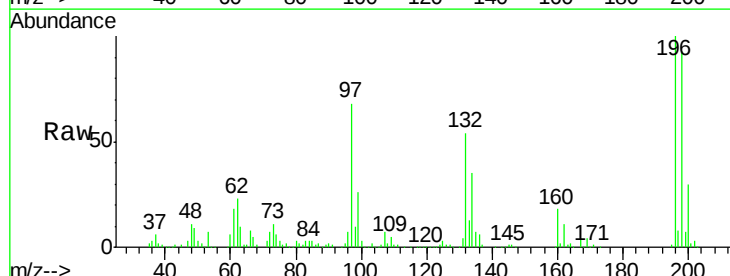
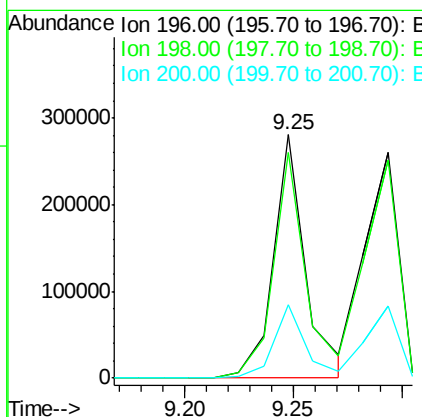
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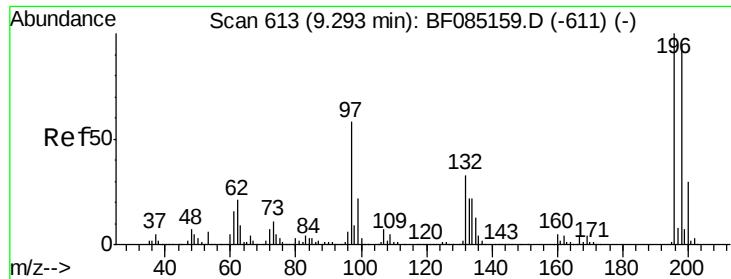
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#42
 2,4,6-Trichlorophenol
 Concen: 46.18 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289091		
198	92.7	77.8	116.6	
200	30.2	25.0	37.6	





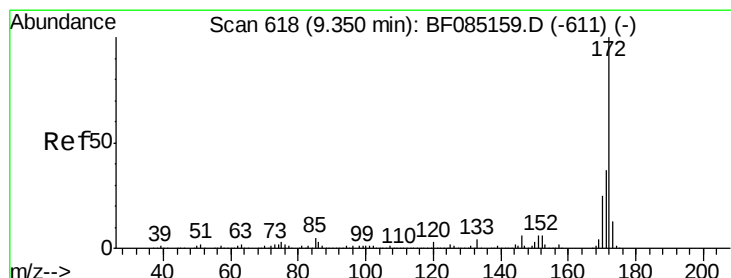
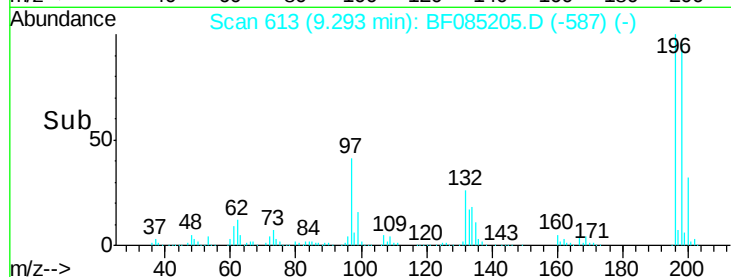
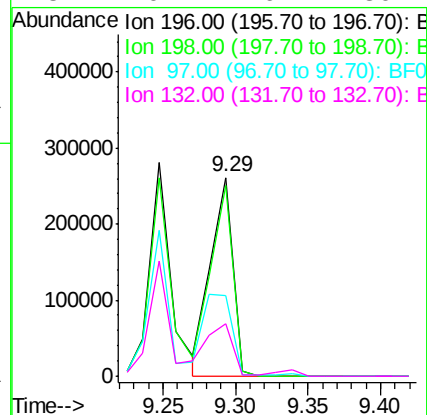
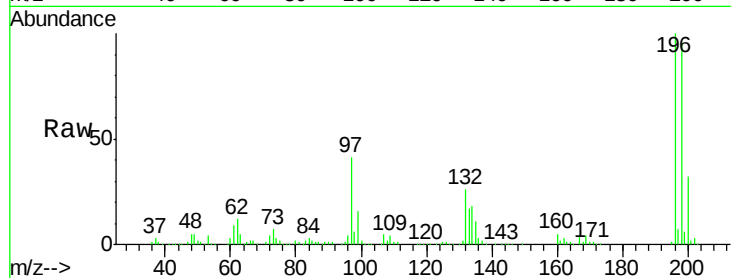
#43
 2,4,5-Trichlorophenol
 Concen: 47.28 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280659		
198	96.2	75.7	113.5	
97	41.0	46.4	69.6	#
132	26.2	26.2	39.4	#

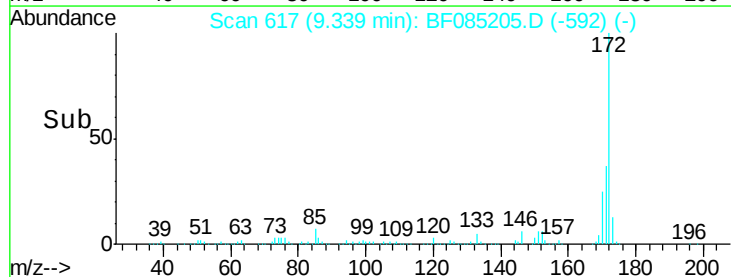
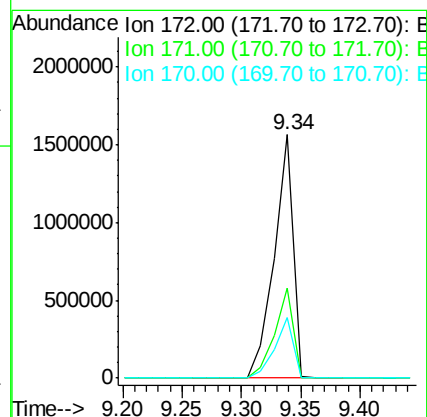
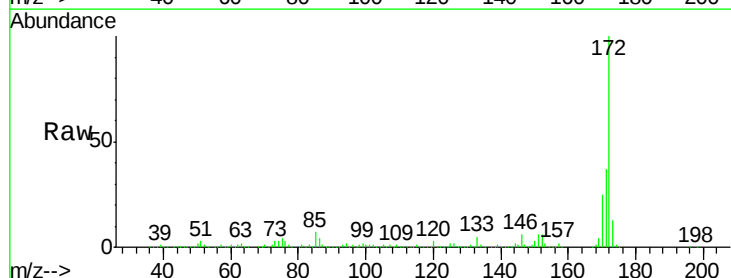
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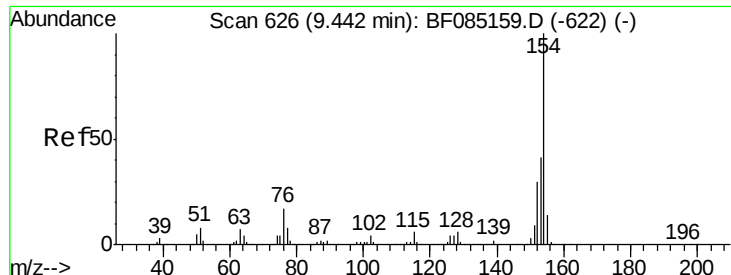
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#44
 2-Fluorobiphenyl
 Concen: 90.70 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1753697		
171	37.0	29.3	43.9	
170	25.1	20.0	30.0	





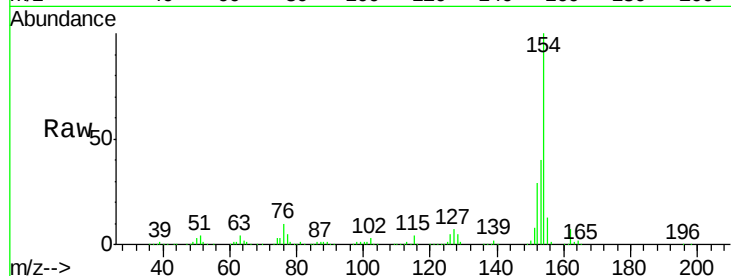
#45
 1,1'-Biphenyl
 Concen: 43.22 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

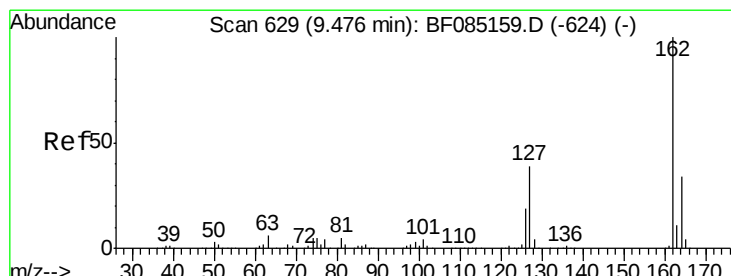
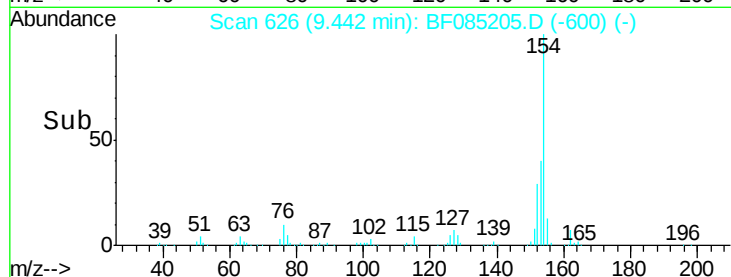
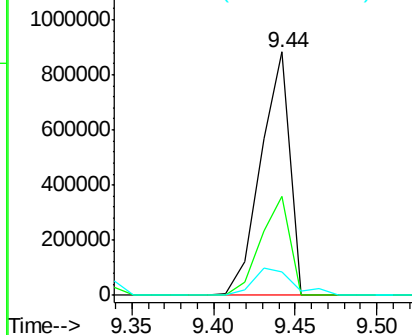
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.4	61.4
76	9.6	0.0	37.5

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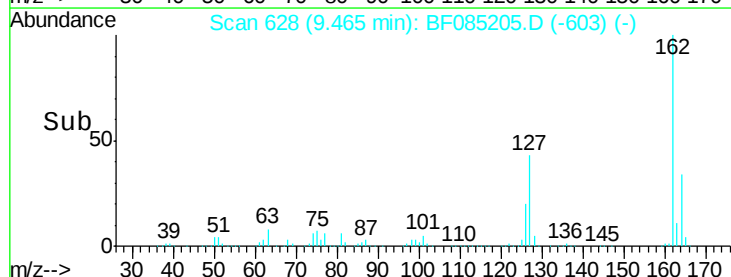
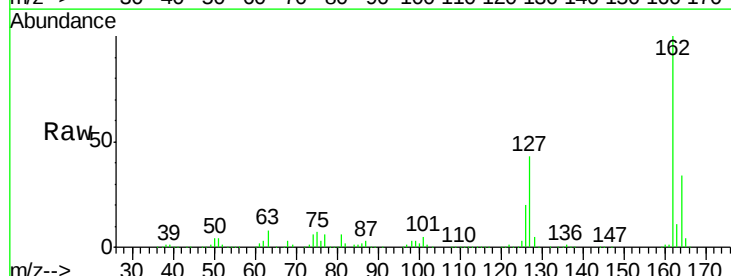
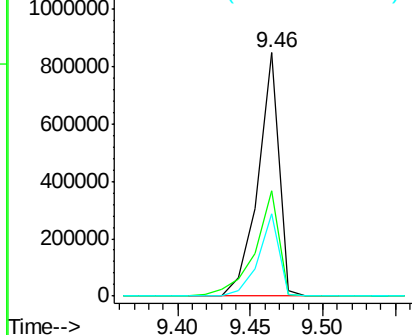
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

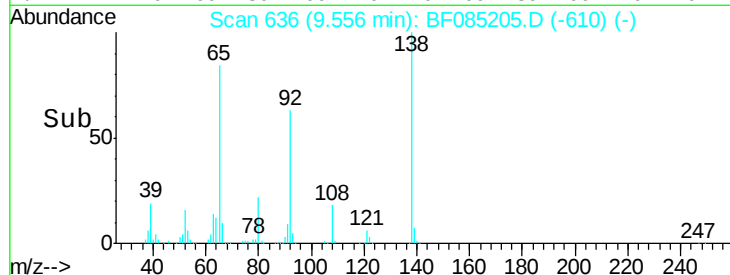
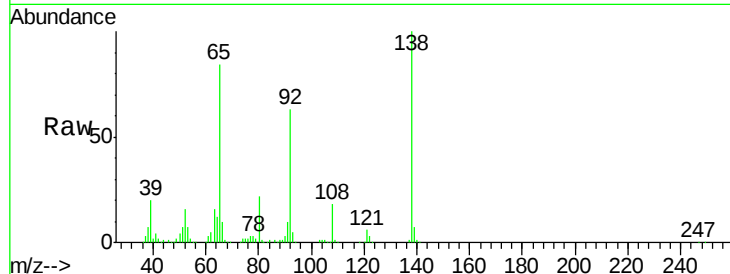
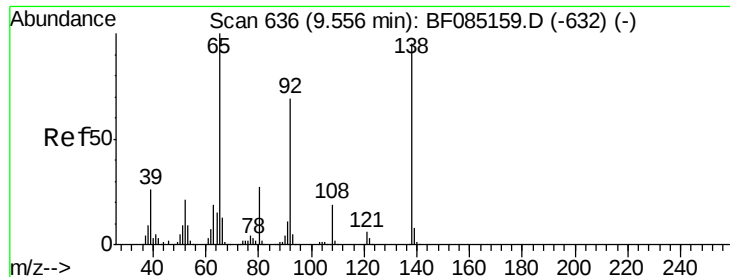


#46
 2-Chloronaphthalene
 Concen: 44.34 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.4	31.6	47.4
164	33.8	27.1	40.7

Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





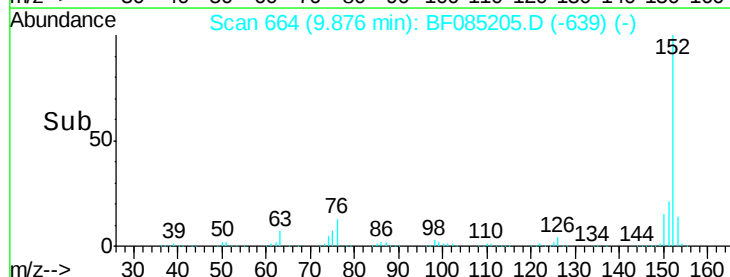
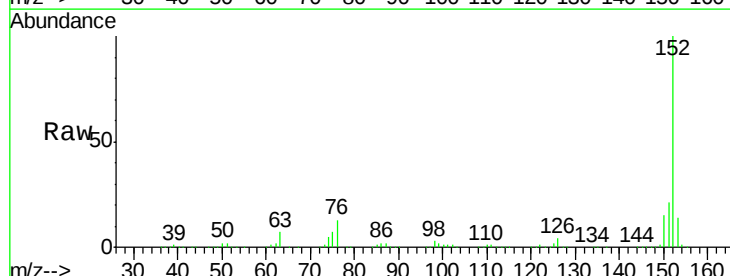
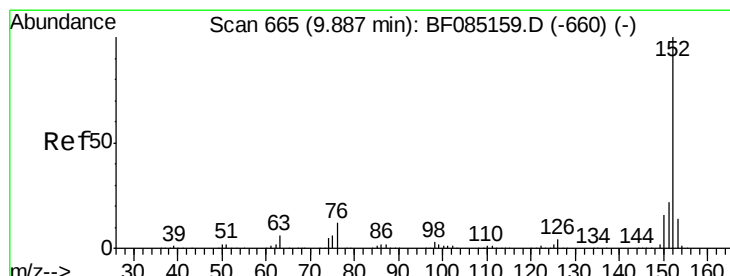
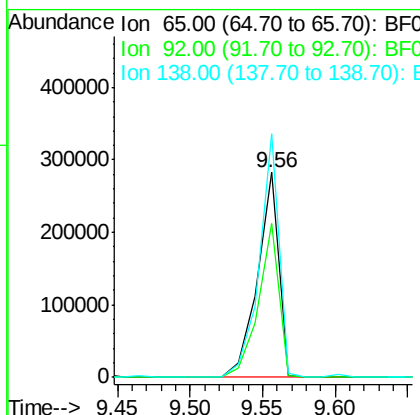
#47
2-Nitroaniline
Concen: 48.40 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	55.4	83.2
138	118.7	75.7	113.5

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

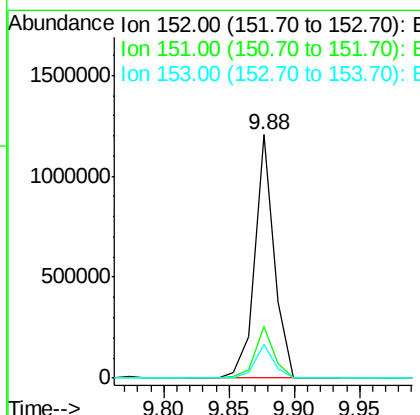
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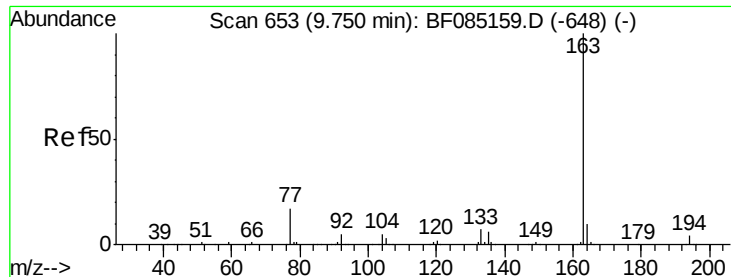
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#48
Acenaphthylene
Concen: 41.87 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3
153	13.8	11.3	16.9





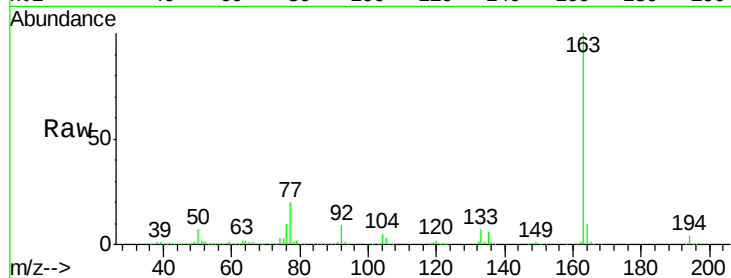
#49
Dimethylphthalate
Concen: 44.78 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

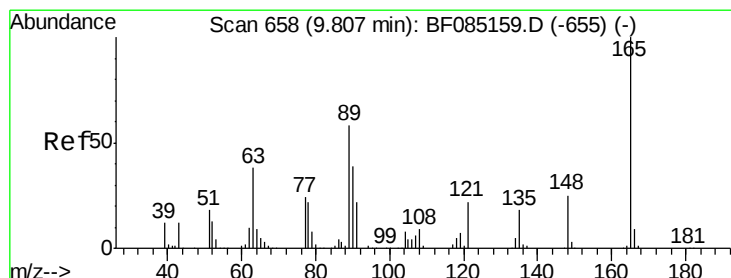
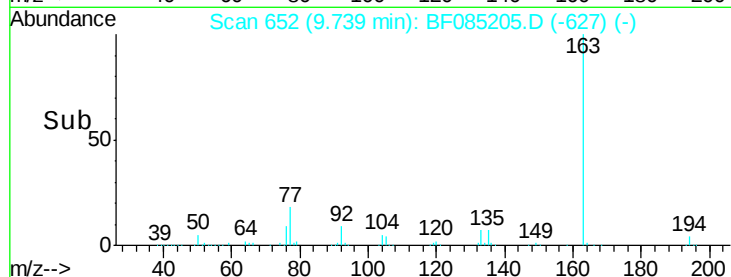
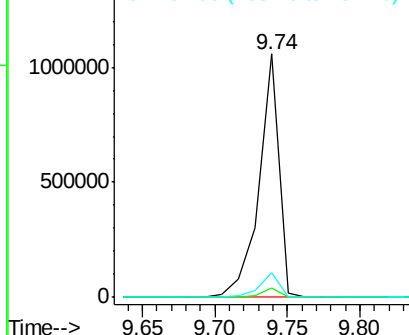
Tot Ion:163 Resp: 1010607
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.2 8.2 12.4

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3/7/2016 3:30:36 PM

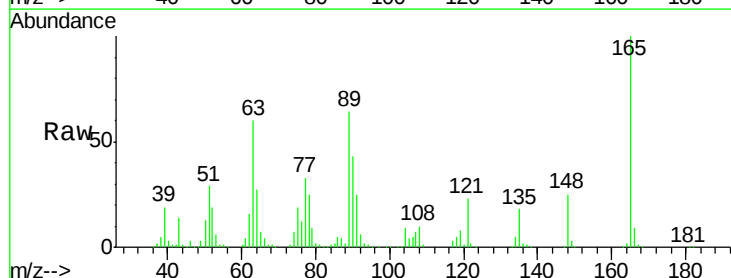


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

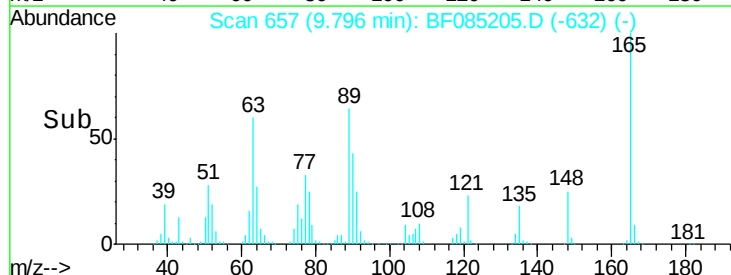
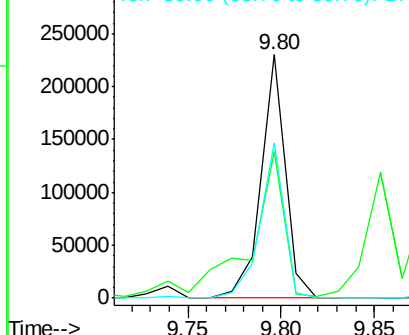


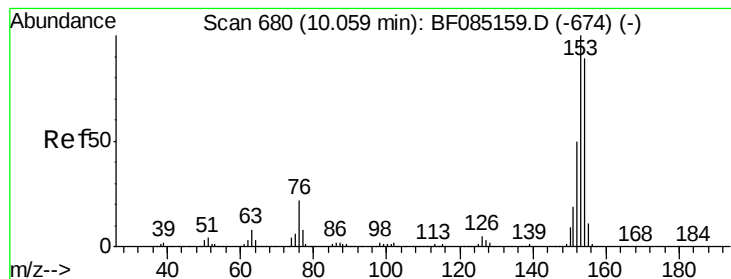
#50
2,6-Dinitrotoluene
Concen: 42.72 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion:165 Resp: 206255
Ion Ratio Lower Upper
165 100
63 59.9 41.8 62.8
89 63.7 46.7 70.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.61 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

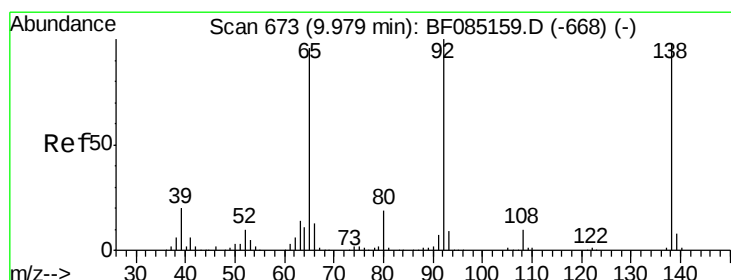
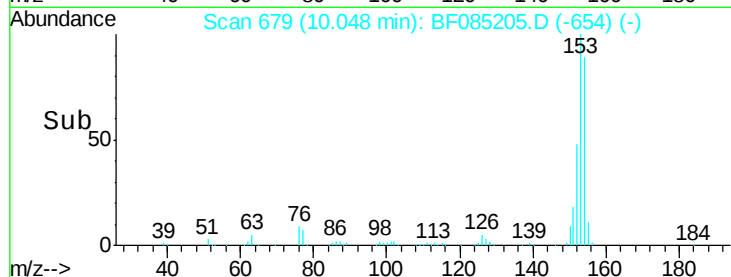
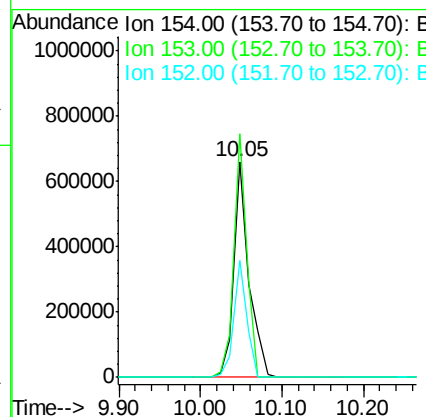
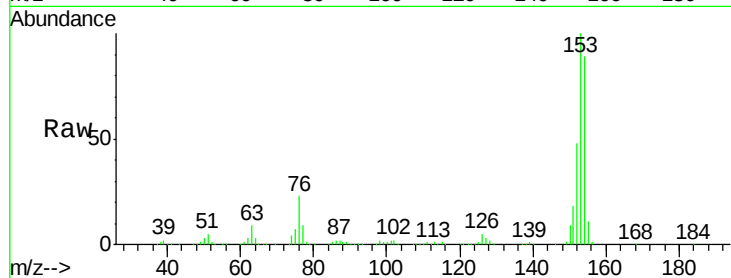
ClientSampleId :

PB88682BSD

Tot Ion:	154	Resp:	843481
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.8
152	54.5	44.6	66.8

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3/7/2016 3:30:36 PM



#52

3-Nitroaniline

Concen: 15.52 ng

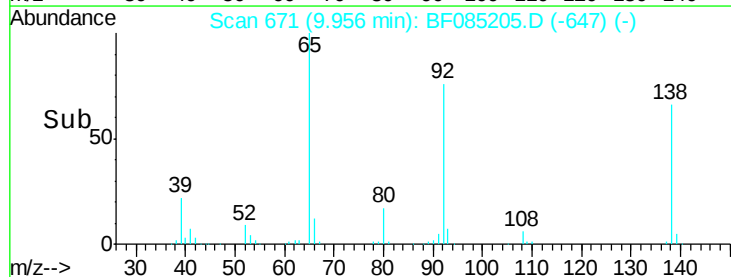
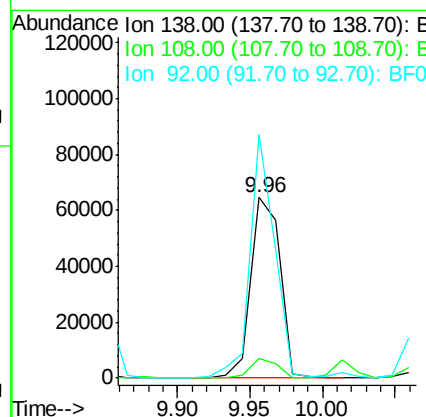
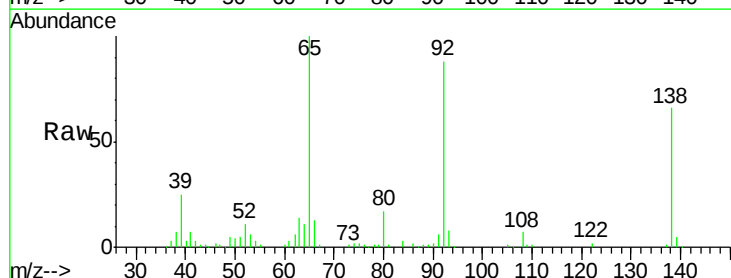
RT: 9.96 min Scan# 671

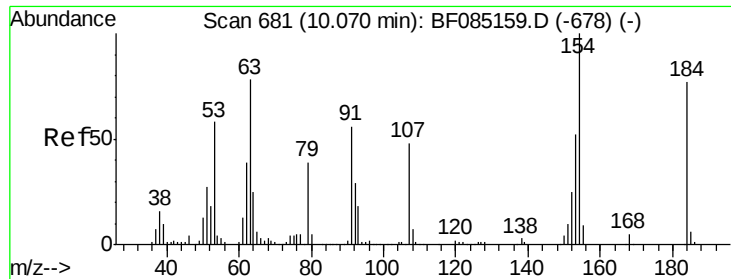
Delta R.T. -0.02 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:	138	Resp:	89672
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	134.8	81.3	121.9#





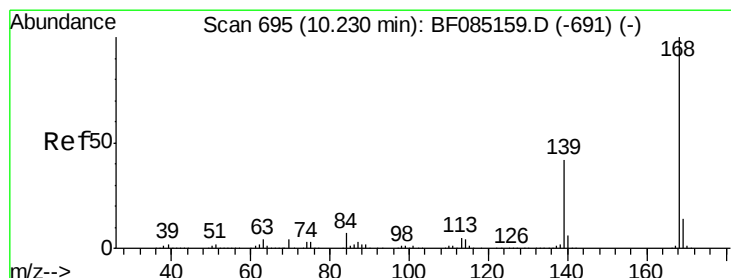
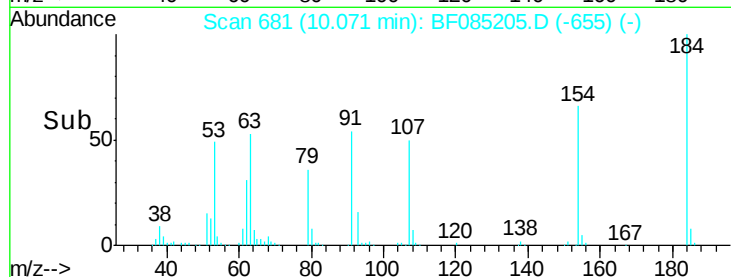
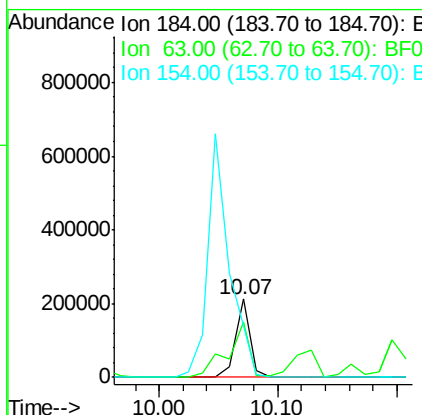
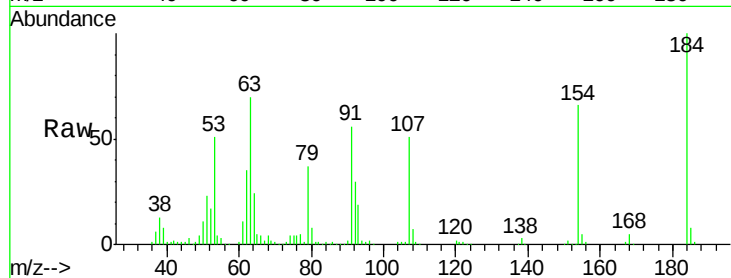
#53
 2,4-Dinitrophenol
 Concen: 75.46 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	183659		
63	70.5	82.2	123.4#	
154	66.4	108.9	163.3#	

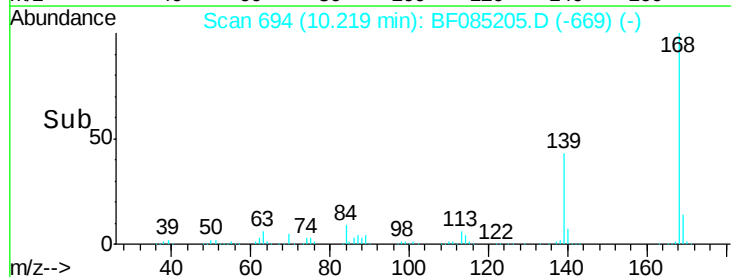
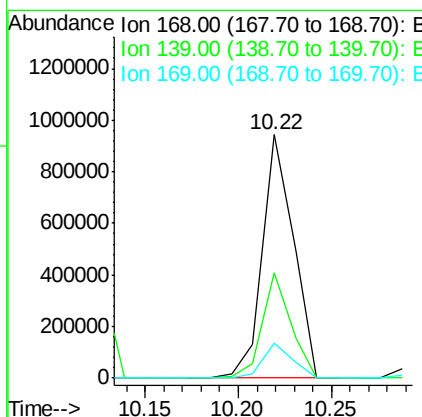
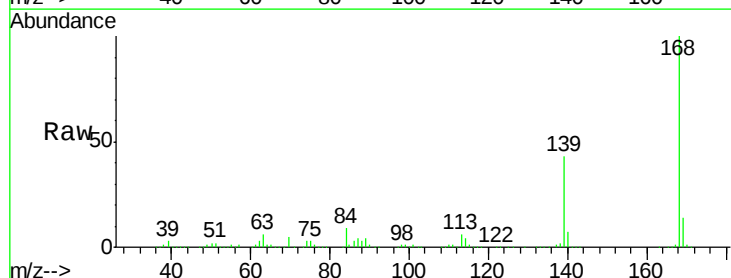
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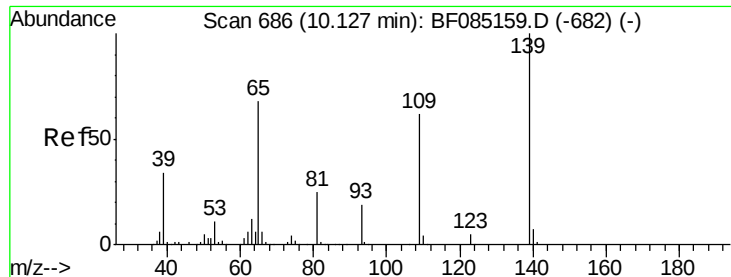
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#54
 Dibenzofuran
 Concen: 45.82 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1086410		
139	43.1	33.6	50.4	
169	14.2	11.2	16.8	





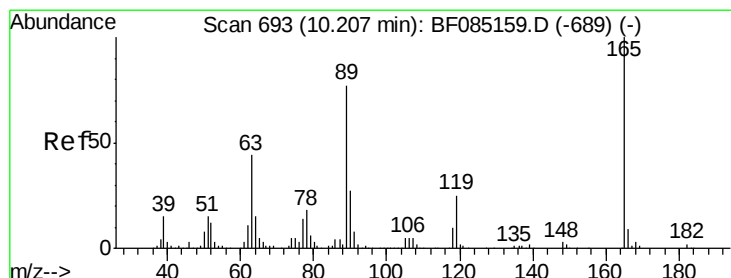
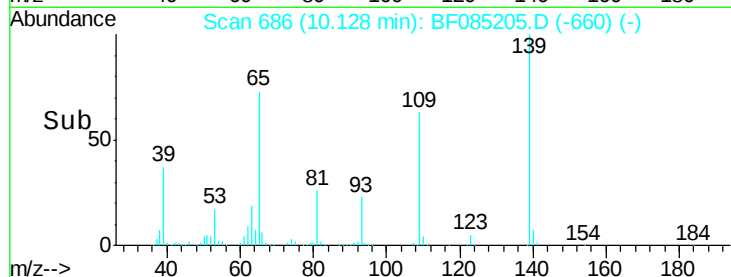
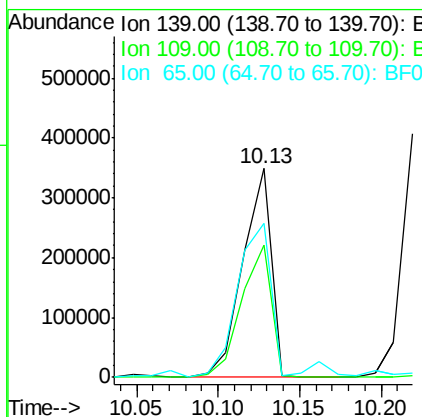
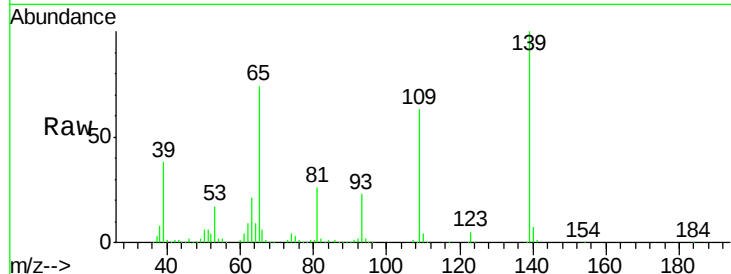
#55
4-Nitrophenol
Concen: 92.41 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.4	41.9	81.9	
65	73.6	48.3	88.3	

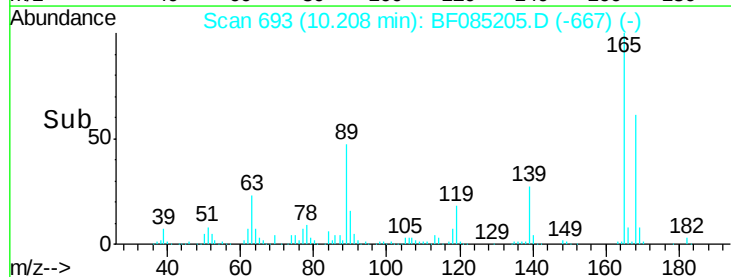
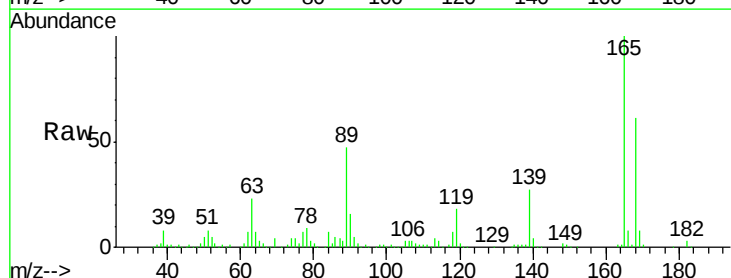
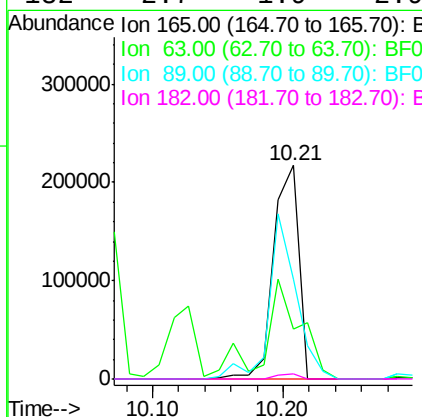
Manual Integrations
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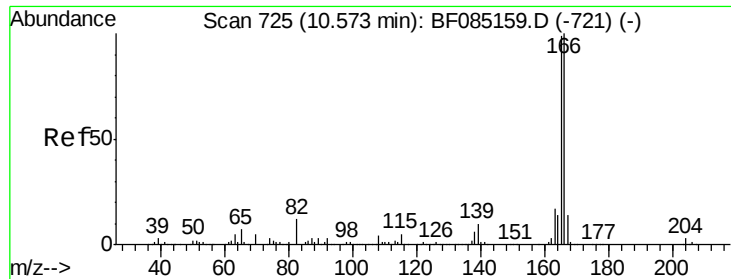
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#56
2,4-Dinitrotoluene
Concen: 47.81 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	23.3	35.4	53.0#	
89	46.8	61.9	92.9#	
182	2.7	1.9	2.9	





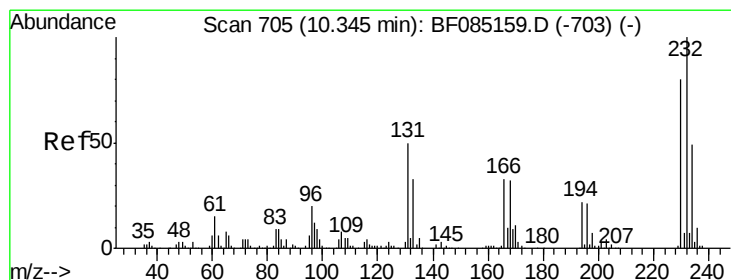
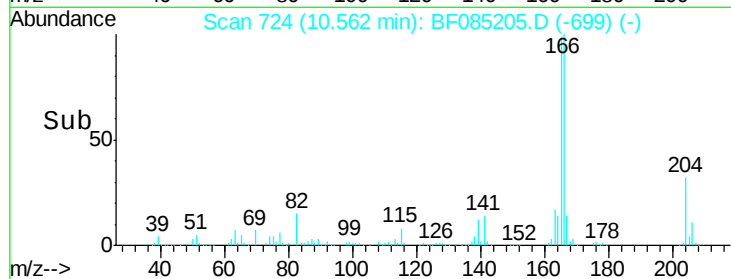
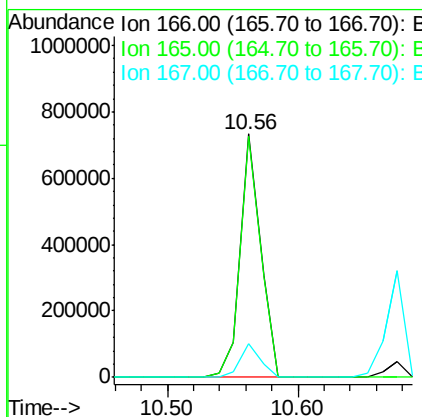
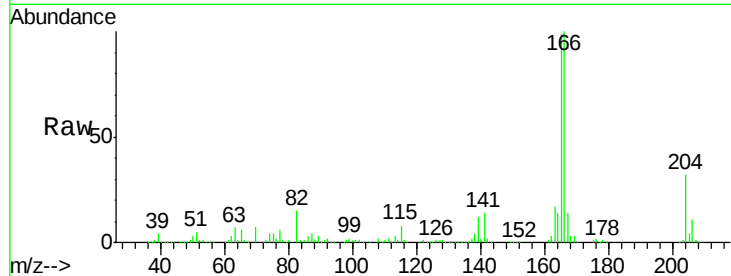
#57
Fluorene
Concen: 42.77 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.4	119.0	
167	13.7	11.0	16.6	

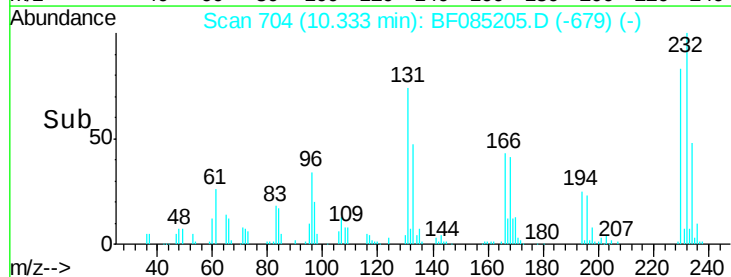
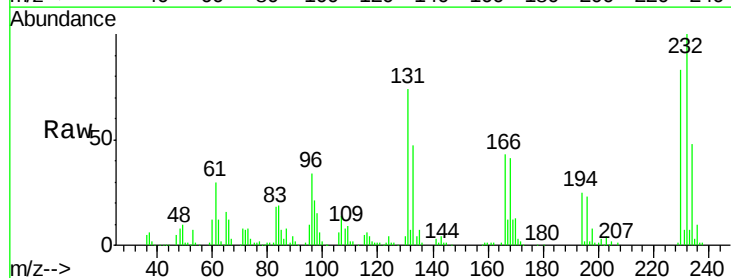
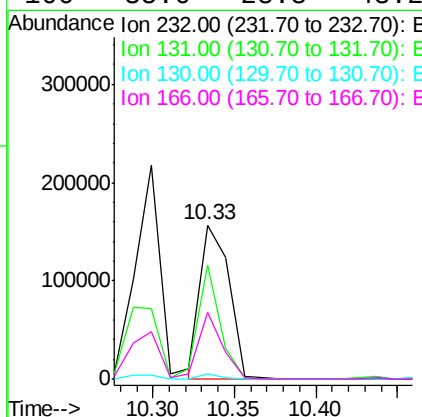
Manual Integrations
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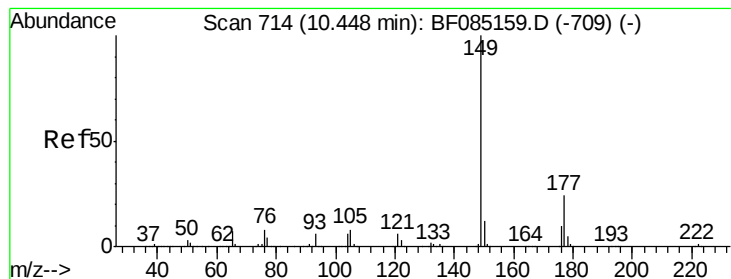
UMANGI
3/7/2016 3:30:36 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 46.78 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.8	46.0	69.0	
130	2.7	2.2	3.4	
166	35.6	28.8	43.2	





#59

Diethylphthalate

Concen: 43.89 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

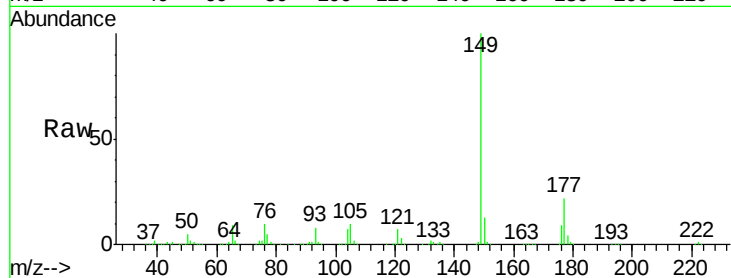
ClientSampleId :

PB88682BSD

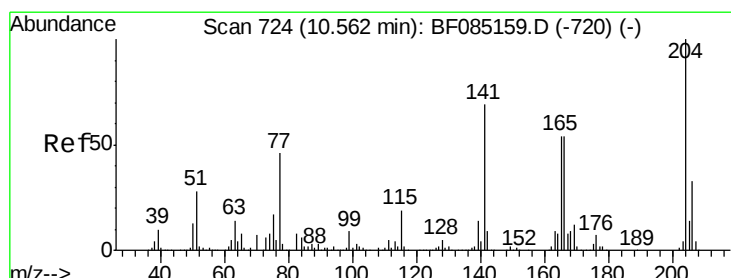
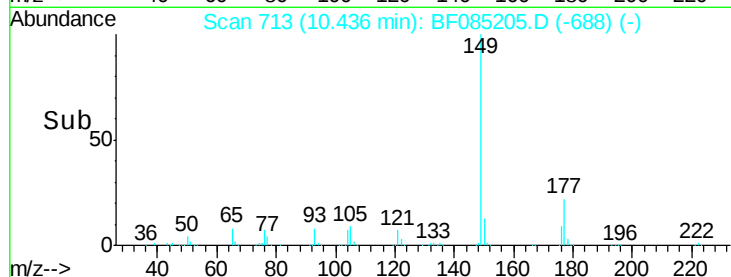
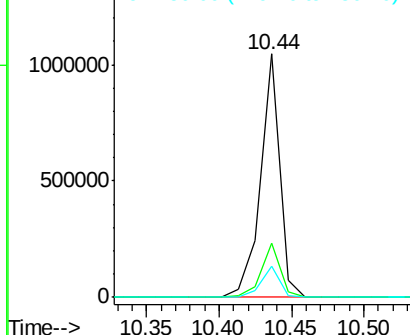
Tot Ion:	149	Resp:	961370
Ion Ratio	Lower	Upper	
149	100		
177	22.1	19.2	28.8
150	12.9	9.9	14.9

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.04 ng

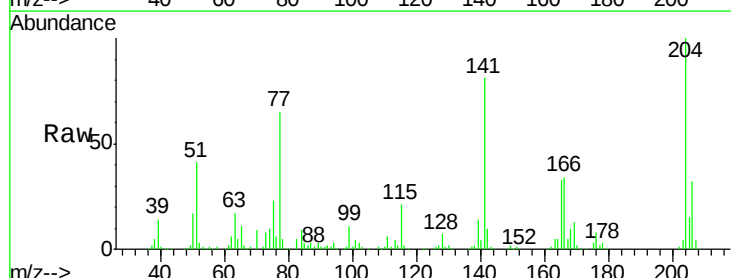
RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

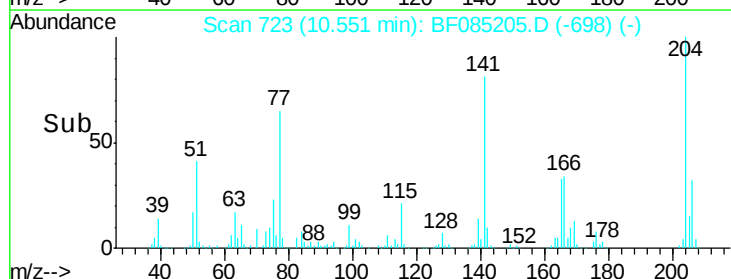
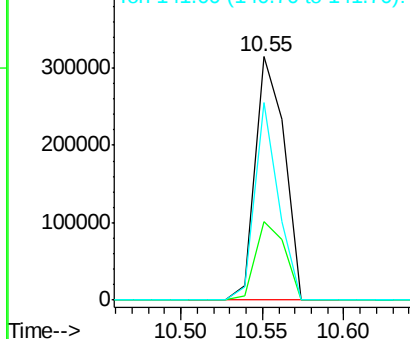
Lab File: BF085205.D

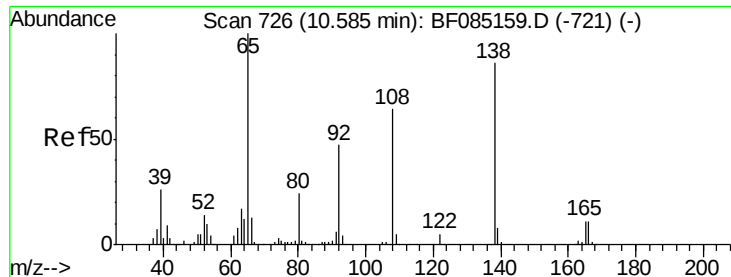
Acq: 4 Mar 2016 16:26

Tgt Ion:	204	Resp:	389992
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	81.0	55.4	83.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.12 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

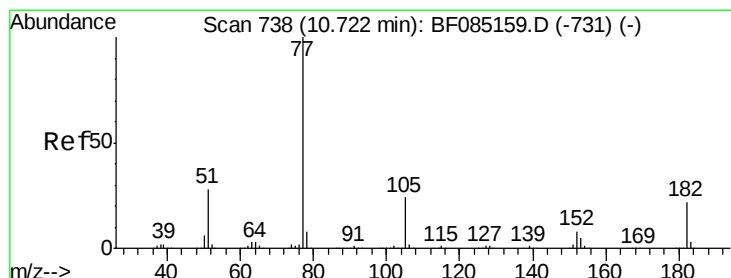
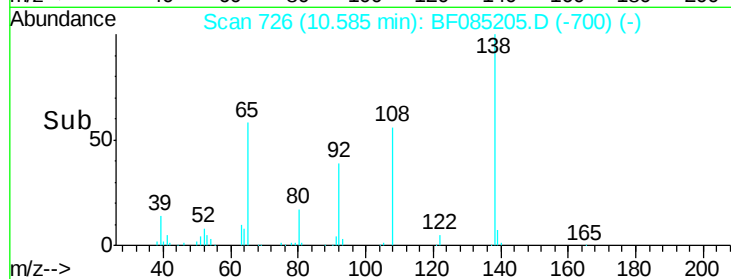
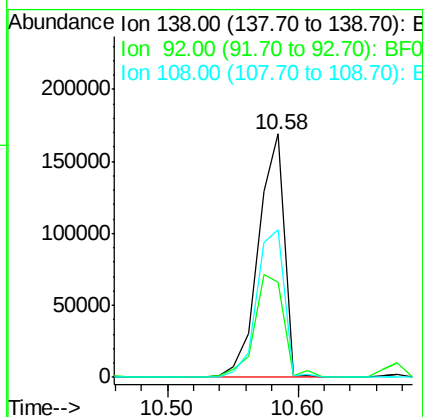
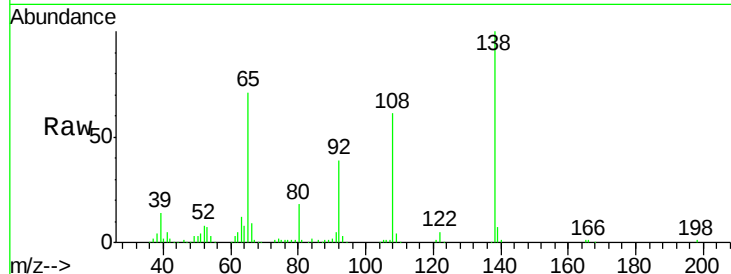
ClientSampleId :

PB88682BSD

Tot Ion:	138	Resp:	232972
Ion Ratio	Lower	Upper	
138	100		
92	39.3	34.2	74.2
108	60.6	53.9	93.9

Manual Integrations
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UMANGI
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#62

Azobenzene

Concen: 46.39 ng

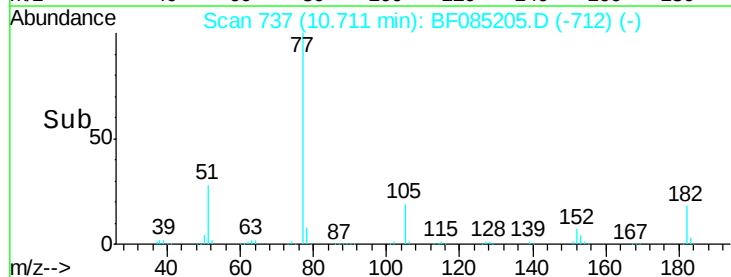
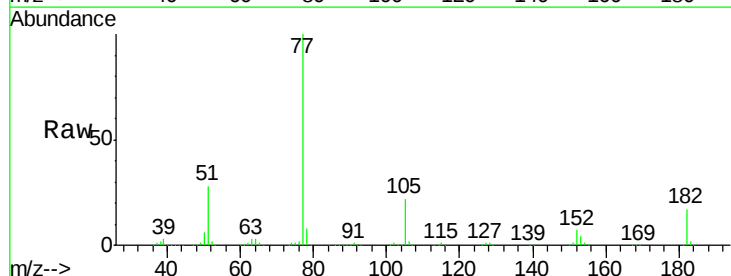
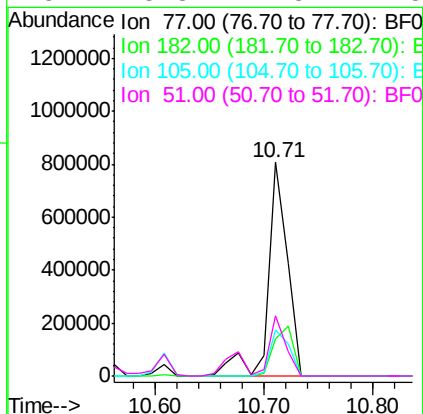
RT: 10.71 min Scan# 737

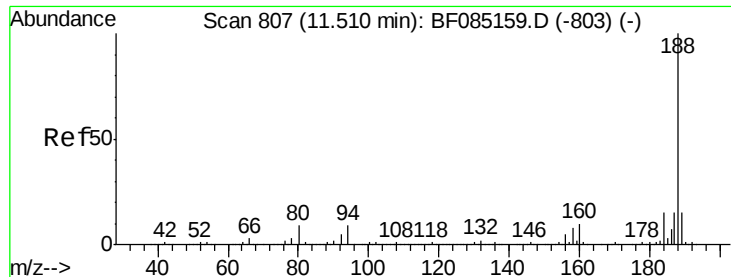
Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:	77	Resp:	1000994
Ion Ratio	Lower	Upper	
77	100		
182	17.4	2.1	42.1
105	21.7	3.8	43.8
51	28.3	7.8	47.8





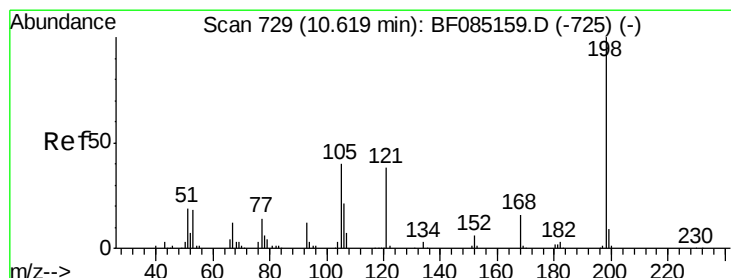
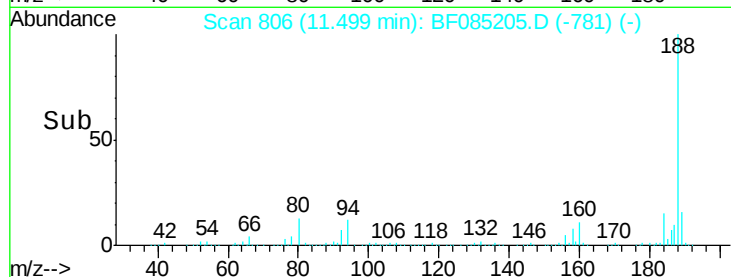
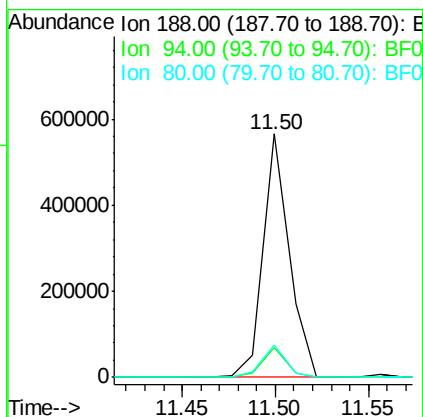
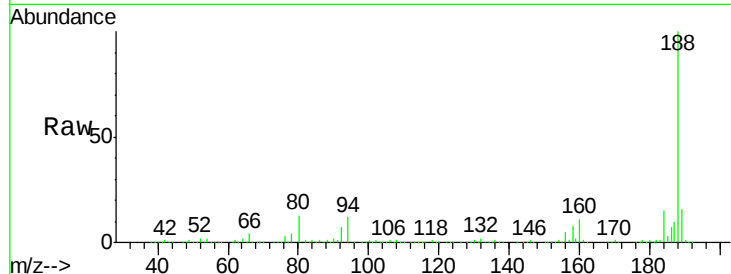
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.0	7.0	10.6#
80	13.4	7.4	11.0#

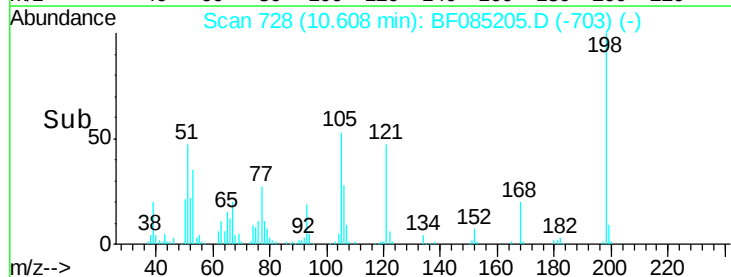
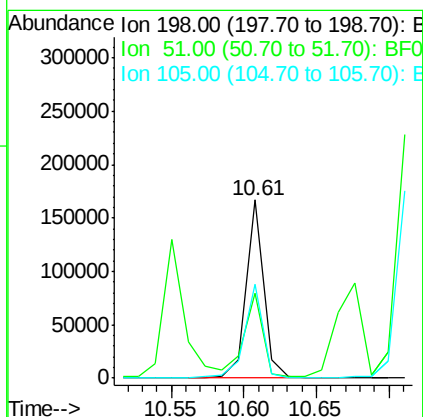
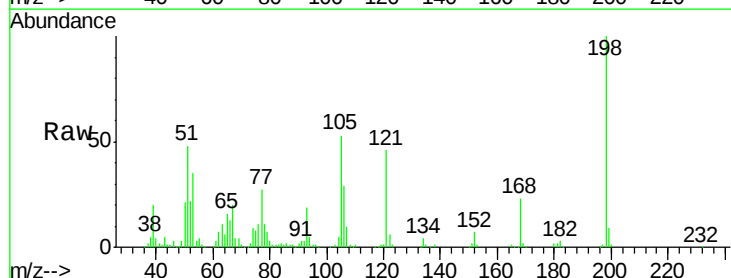
Manual Integrations
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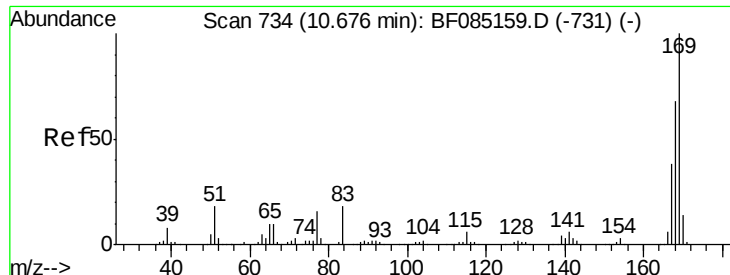
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3/7/2016 3:30:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.89 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.1	9.5	49.5
105	52.9	20.5	60.5





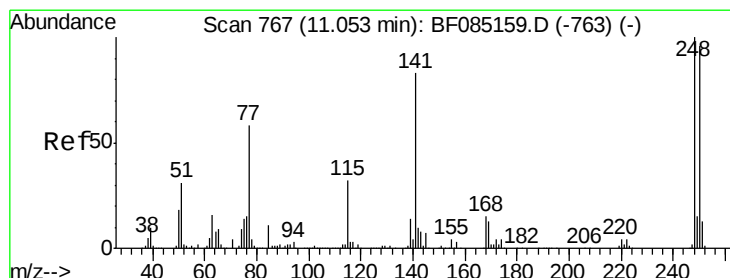
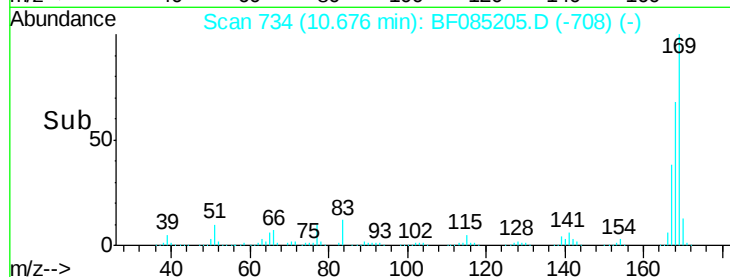
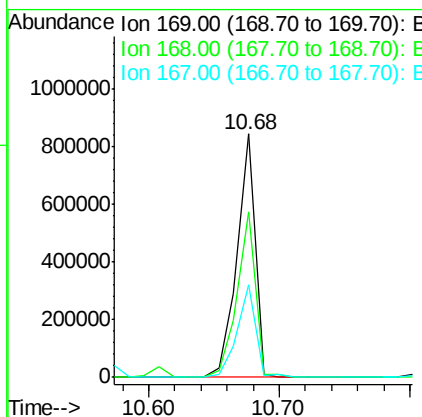
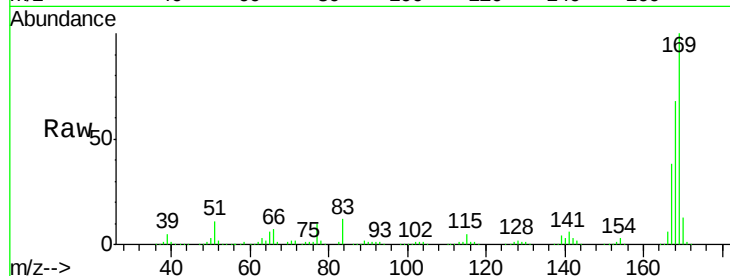
#65
n-Nitrosodiphenylamine
Concen: 48.02 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	809902		
168	67.9	54.8	82.2	
167	38.0	30.3	45.5	

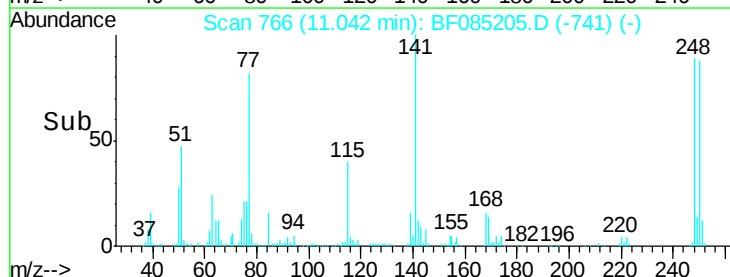
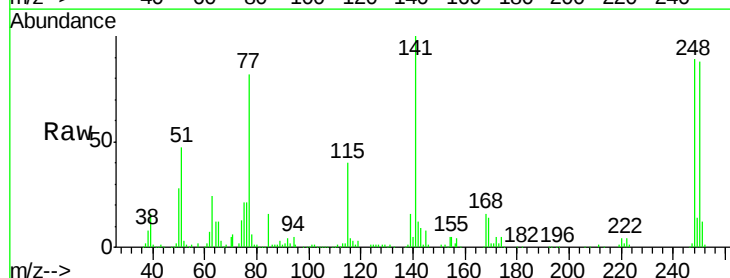
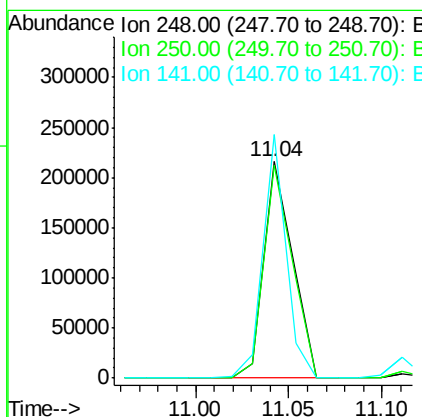
Manual Integrations
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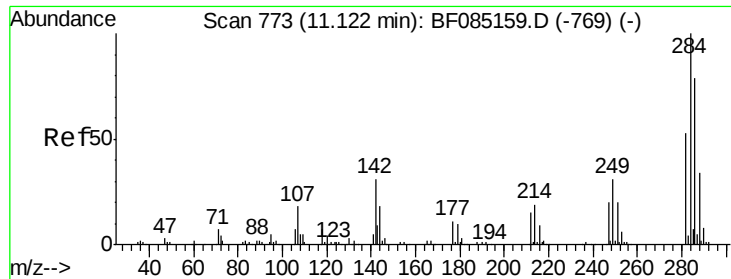
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#66
4-Bromophenyl-phenylether
Concen: 43.50 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	229041		
250	98.6	77.1	115.7	
141	112.4	66.2	99.2	





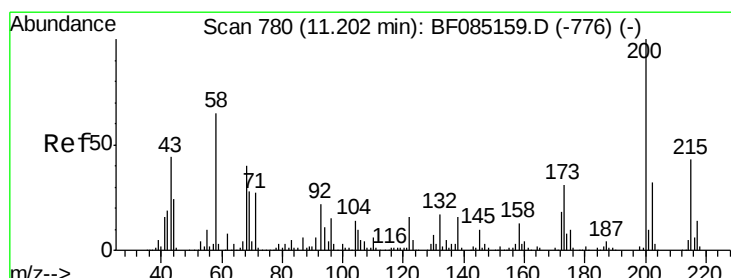
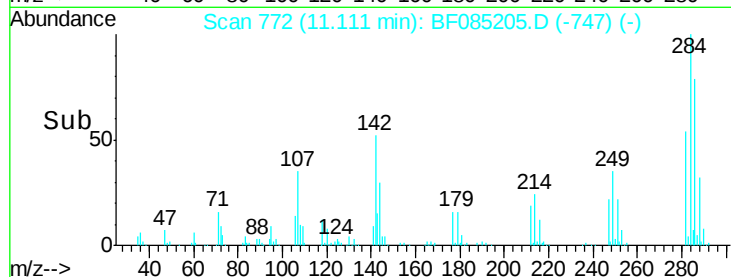
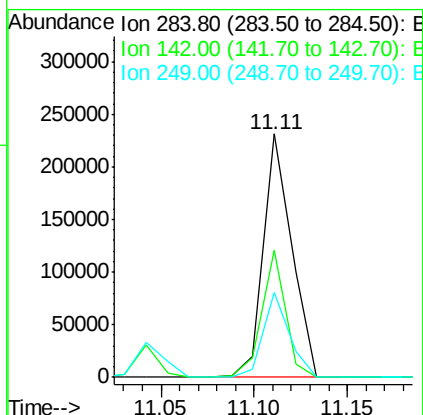
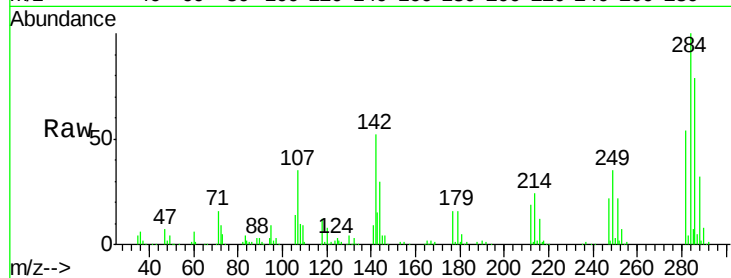
#67
Hexachlorobenzene
Concen: 43.02 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	241644		
142	52.3	24.9	37.3	
249	35.0	25.0	37.4	

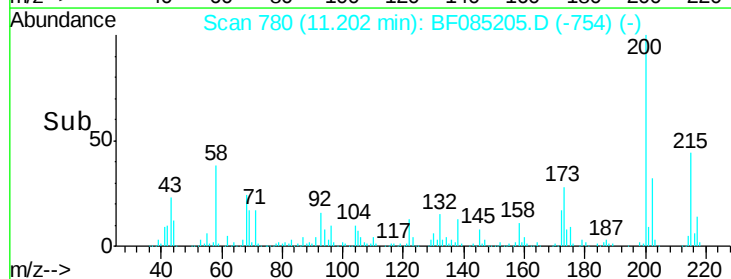
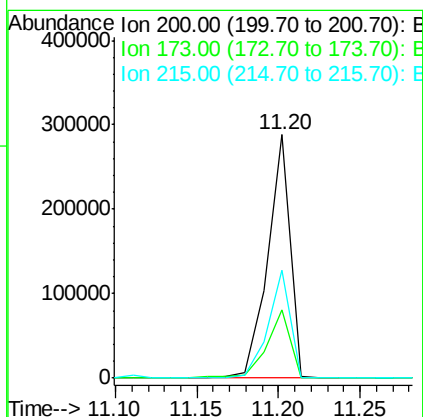
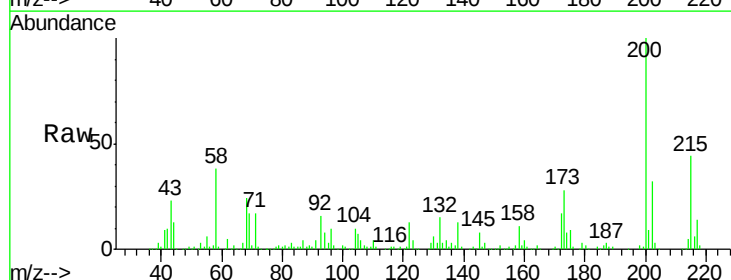
Manual Integrations
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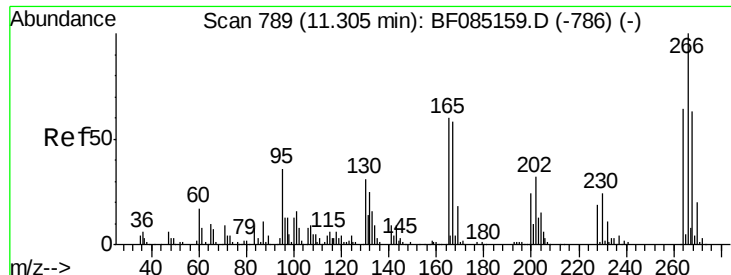
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#68
Atrazine
Concen: 58.94 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	276453		
173	28.1	10.5	50.5	
215	44.5	23.4	63.4	





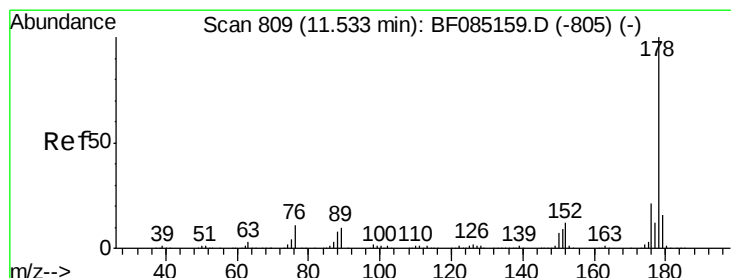
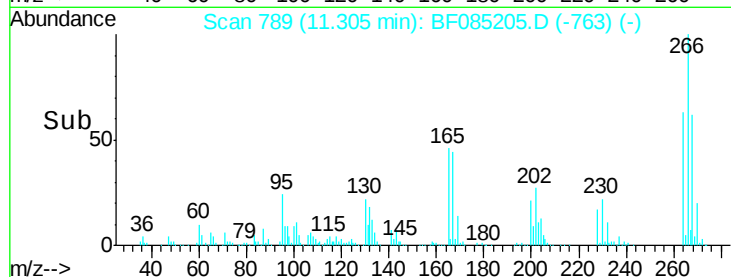
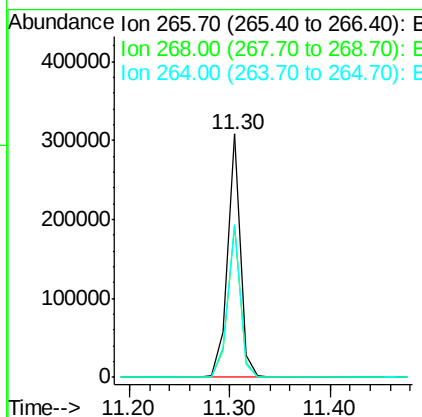
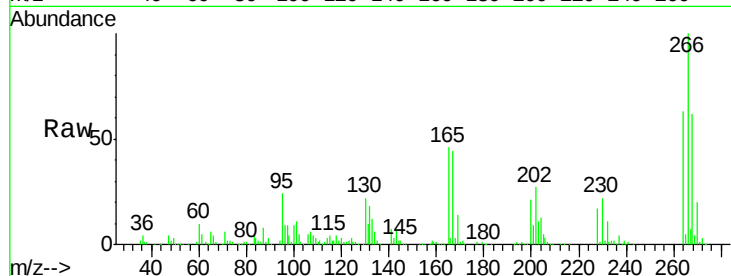
#69
 Pentachlorophenol
 Concen: 88.11 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	274714		
268	62.1	50.0	75.0	
264	62.9	51.4	77.2	

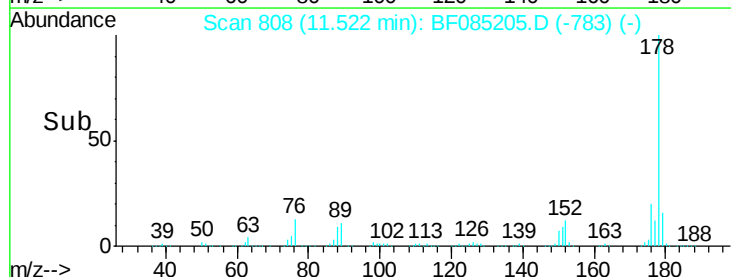
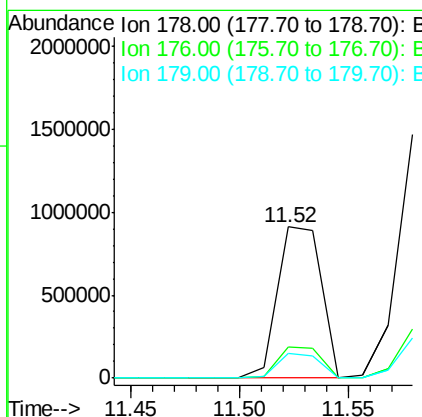
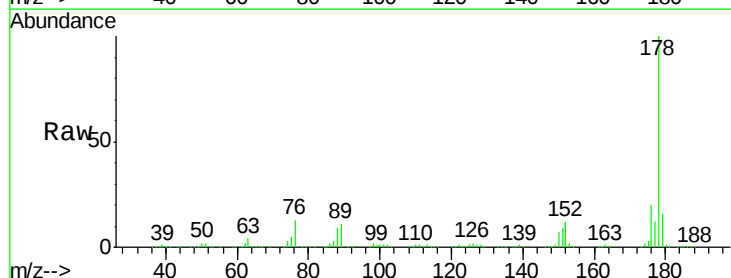
Manual Integrations
 APPROVED

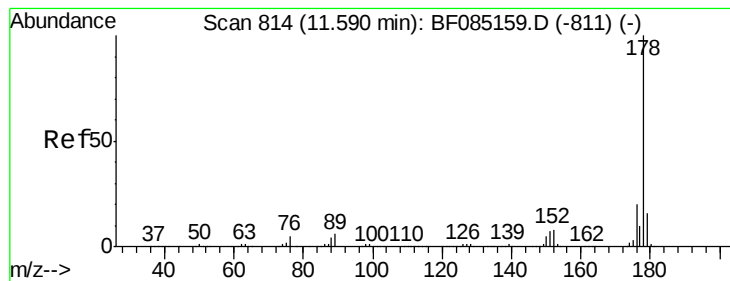
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#70
 Phenanthrene
 Concen: 45.29 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1286941		
176	20.5	16.8	25.2	
179	16.3	13.1	19.7	





#71

Anthracene

Concen: 42.76 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

Tot Ion:178 Resp: 1289853

Ion Ratio Lower Upper

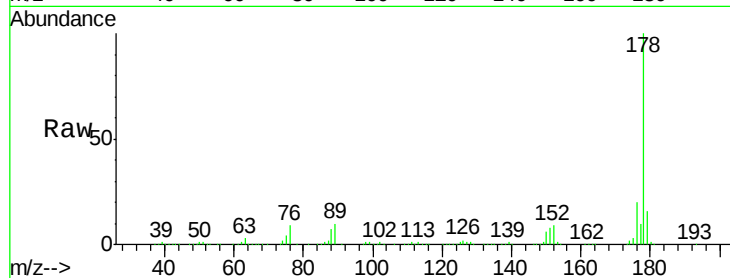
178 100

176 20.4 15.9 23.9

179 16.3 12.5 18.7

Manual Integrations
APPROVED

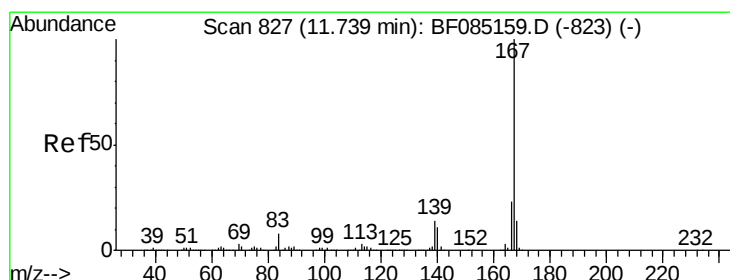
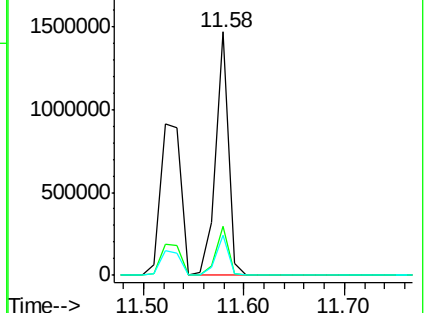
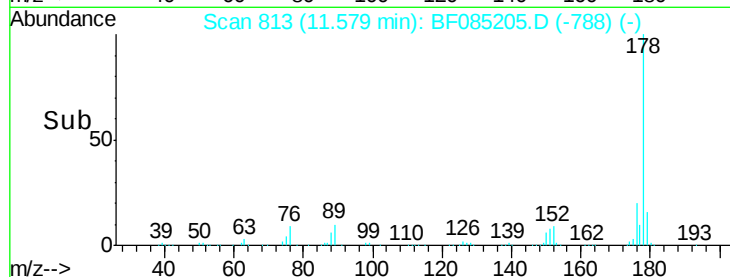
UMANGI
3/7/2016 3:30:36 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.46 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

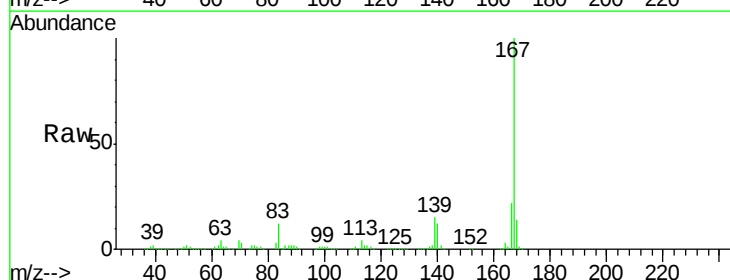
Tgt Ion:167 Resp: 1043943

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

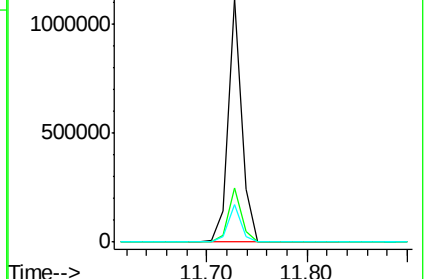
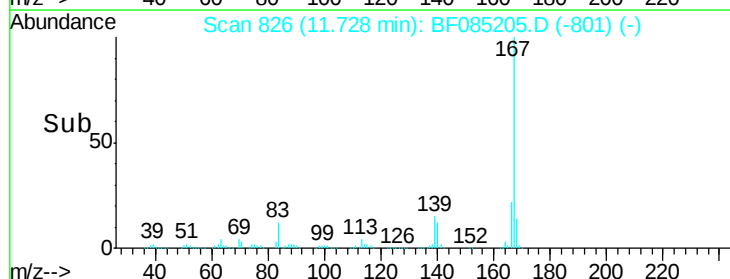
139 15.4 11.4 17.0

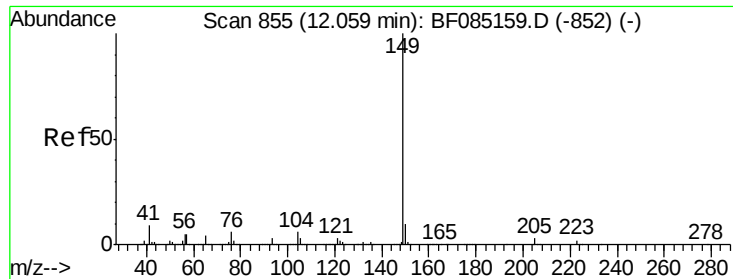


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.51 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

Tot Ion:149 Resp: 1454783

Ion Ratio Lower Upper

149 100

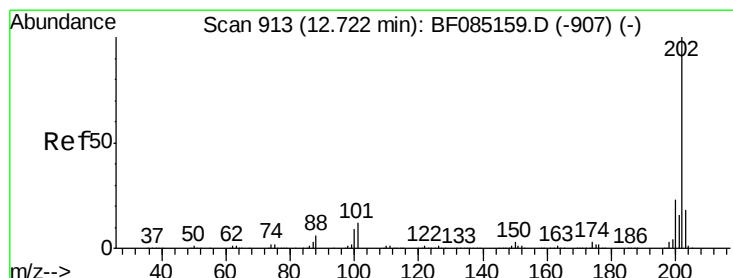
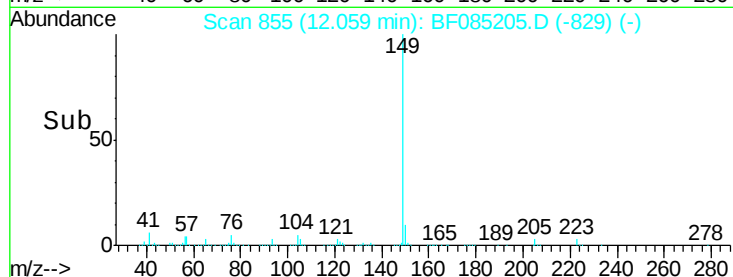
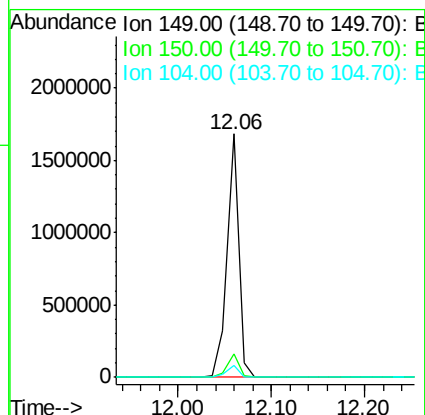
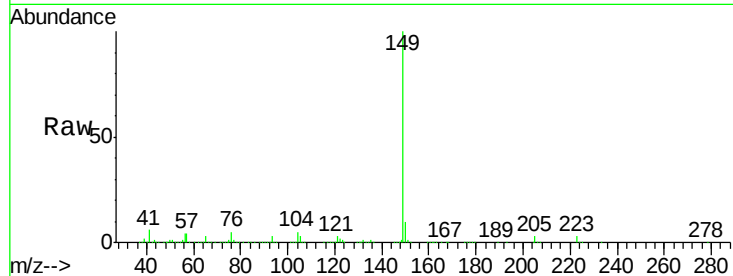
150 9.8 7.8 11.6

104 5.1 4.7 7.1

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#74

Fluoranthene

Concen: 42.04 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

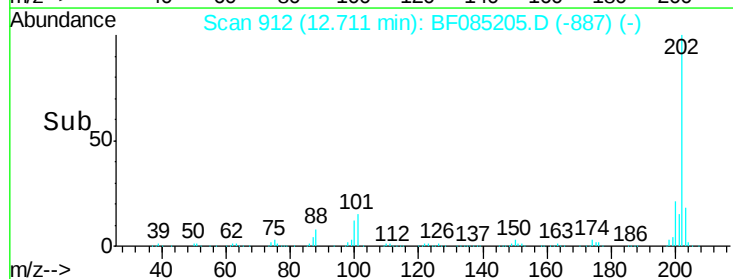
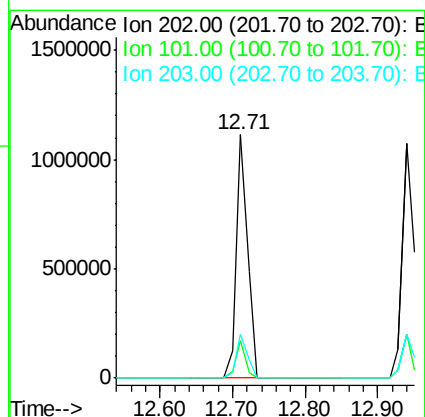
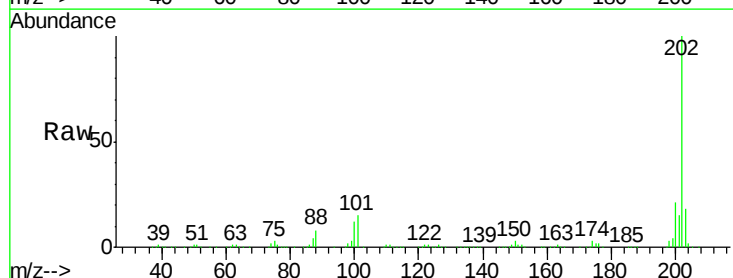
Tgt Ion:202 Resp: 1198988

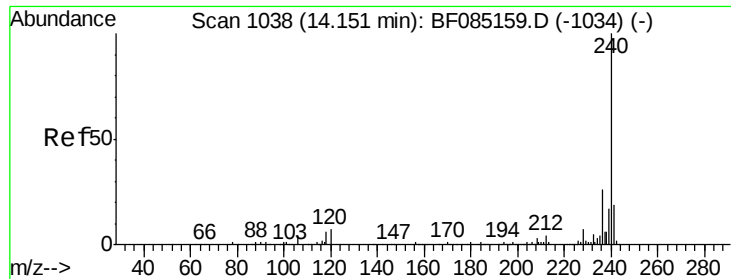
Ion Ratio Lower Upper

202 100

101 15.4 0.0 31.8

203 18.2 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

ClientSampleId :

PB88682BSD

Tot Ion:240 Resp: 392196

Ion Ratio Lower Upper

240 100

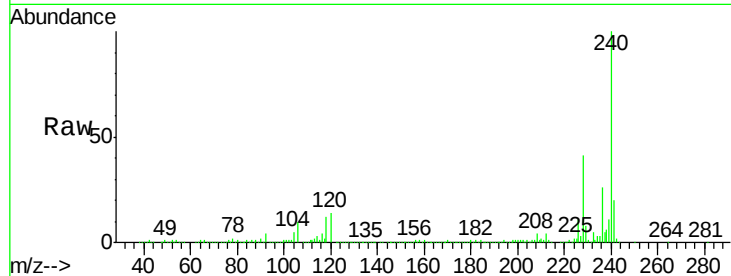
120 14.2 5.3 7.9#

236 26.2 20.7 31.1

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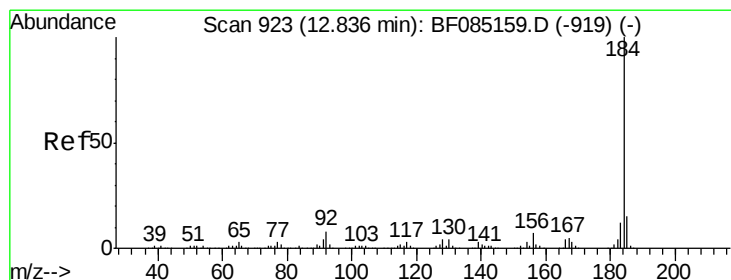
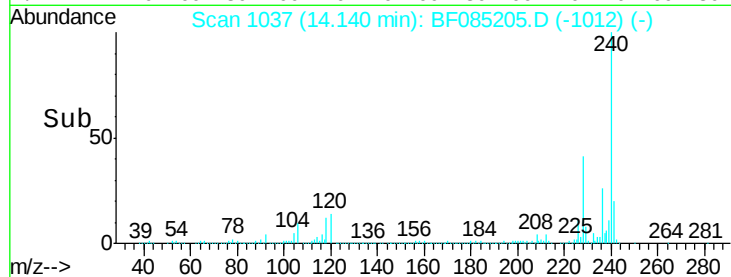
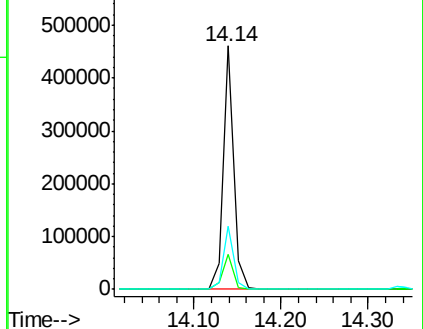
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.05 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

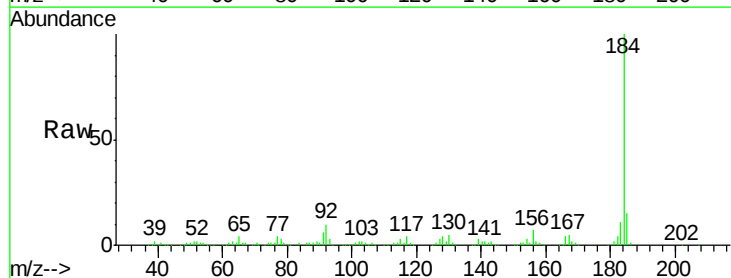
Tgt Ion:184 Resp: 304068

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

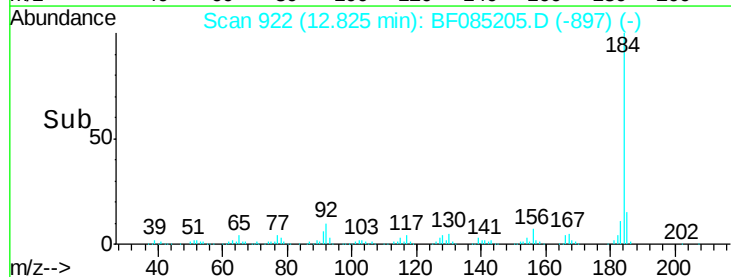
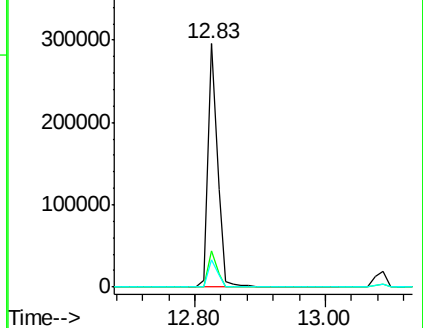
183 11.4 9.4 14.2

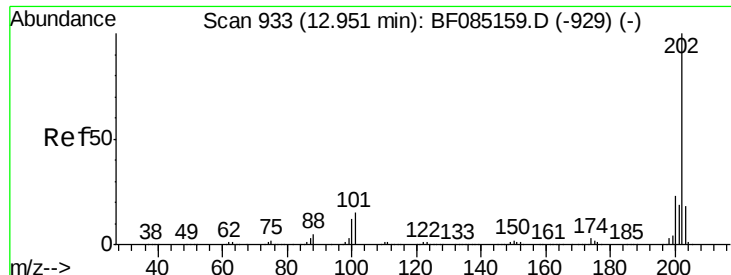


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





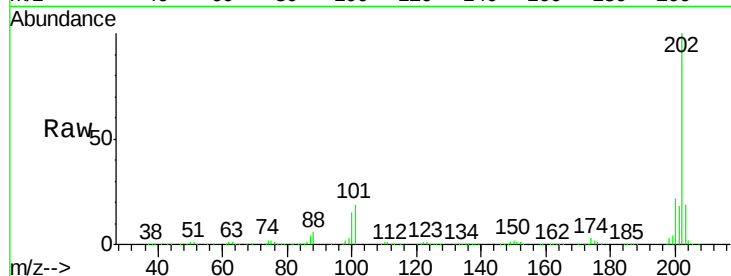
#77
Pvrene
Concen: 41.62 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

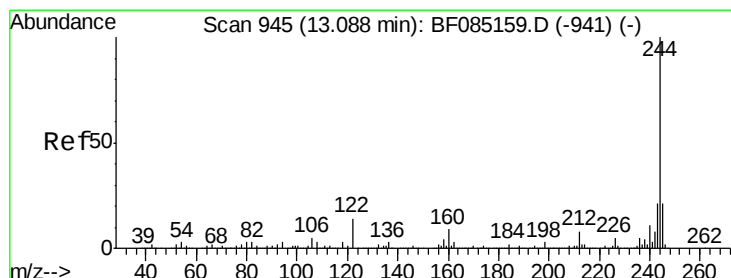
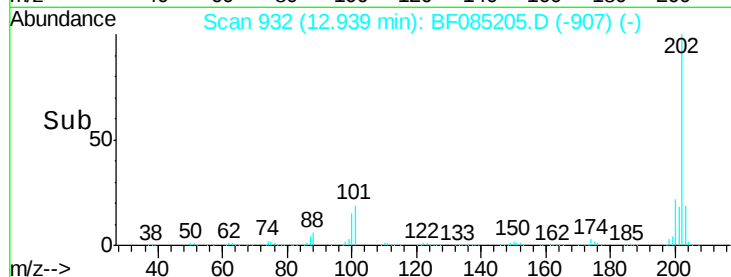
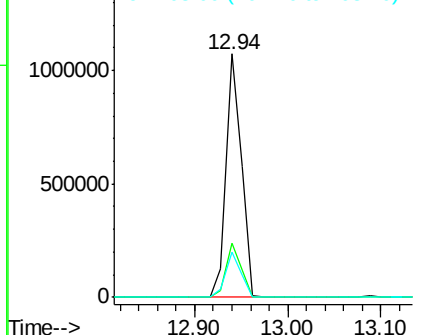
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.4
203	18.5	14.7	22.1

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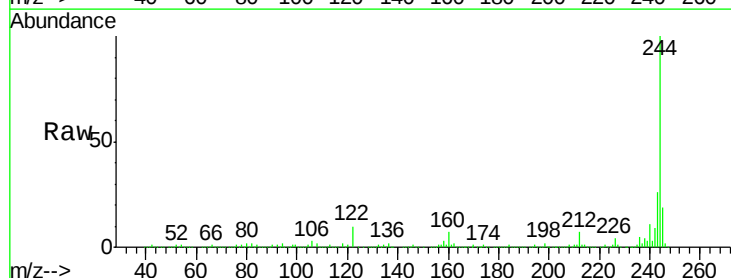


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

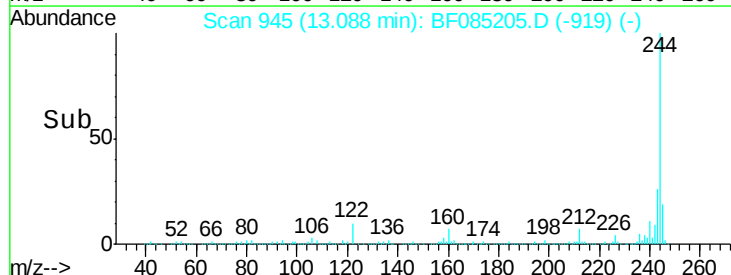
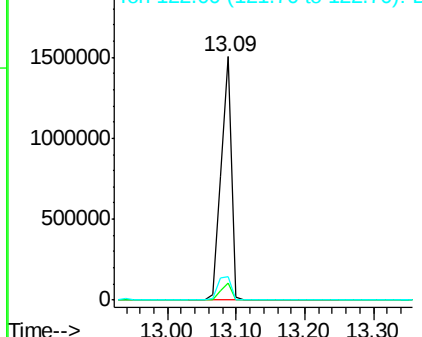


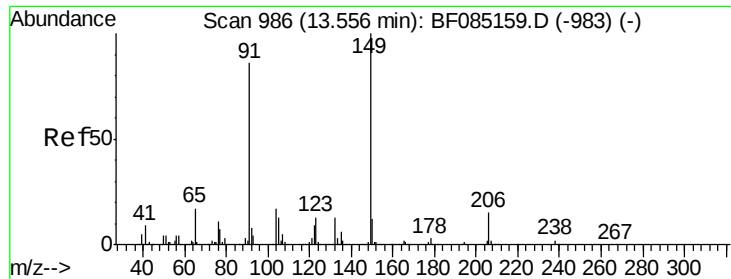
#78
Terphenyl-d14
Concen: 94.47 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	9.6	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.69 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

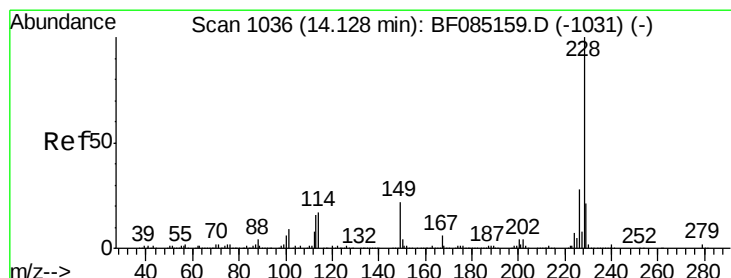
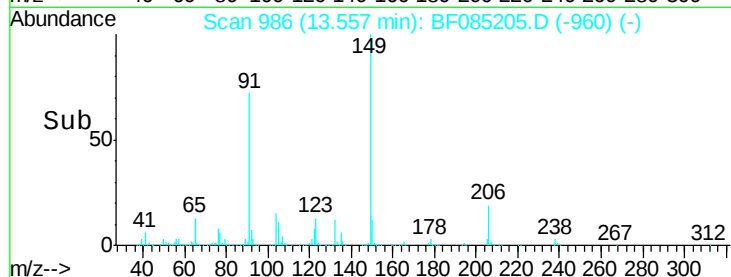
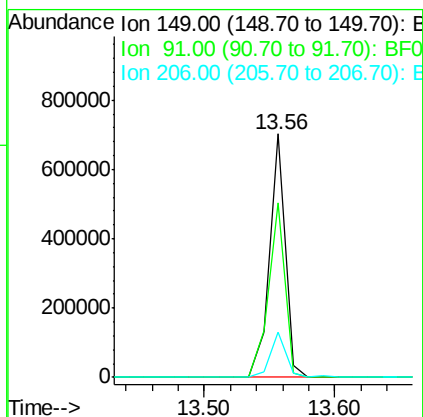
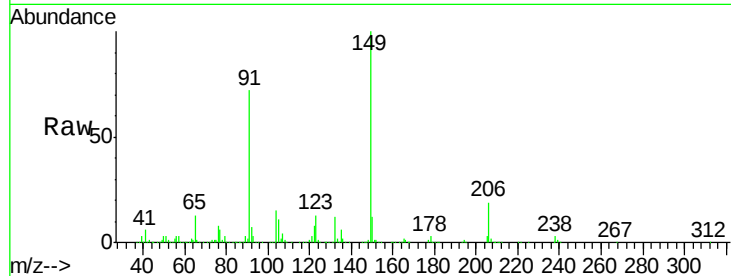
ClientSampleId :

PB88682BSD

Tot Ion:	149	Resp:	598618
Ion Ratio	Lower	Upper	
149	100		
91	71.9	69.0	103.4
206	18.6	12.3	18.5#

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#80

Benzo(a)anthracene

Concen: 41.76 ng

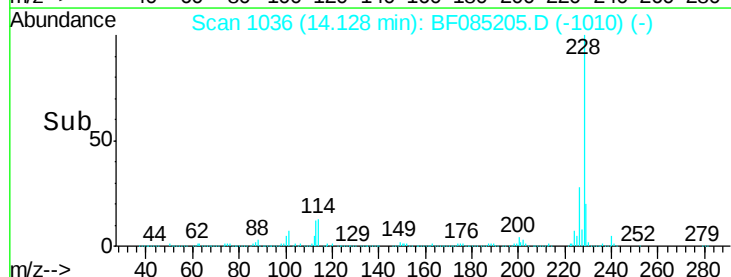
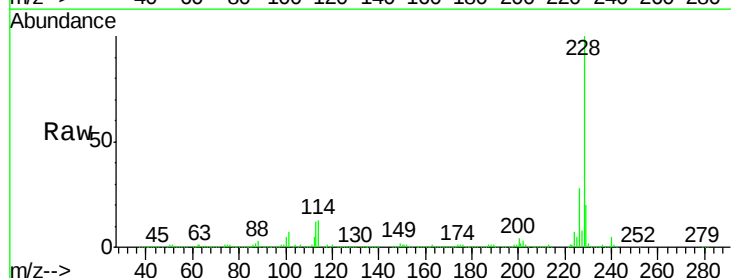
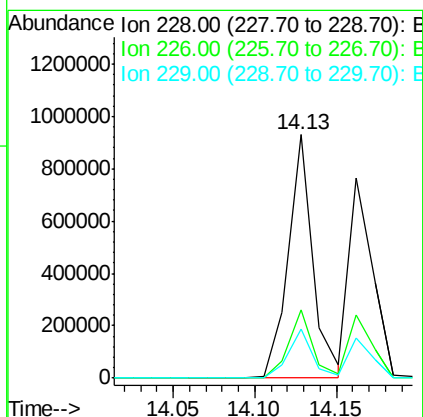
RT: 14.13 min Scan# 1036

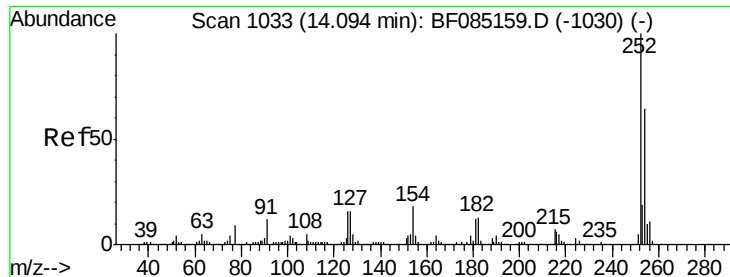
Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion:	228	Resp:	980565
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.8	34.2
229	20.0	16.6	24.8





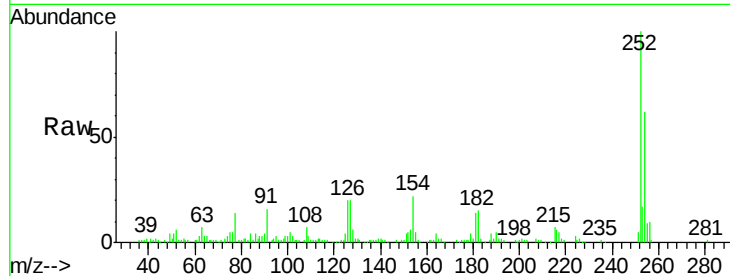
#81
 3,3'-Dichlorobenzidine
 Concen: 15.29 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.3	51.4	77.0
126	20.1	12.9	19.3

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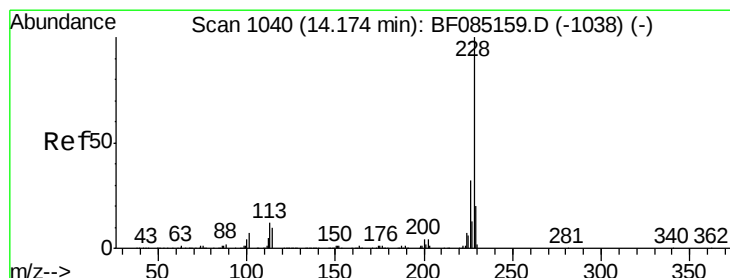
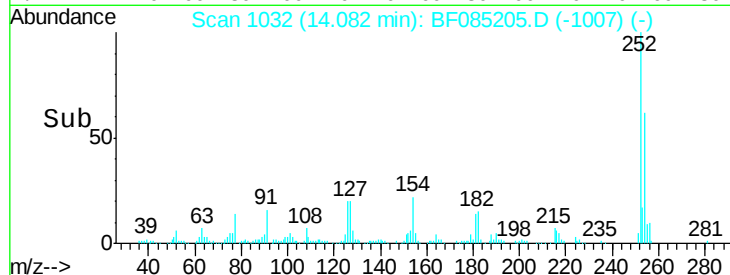
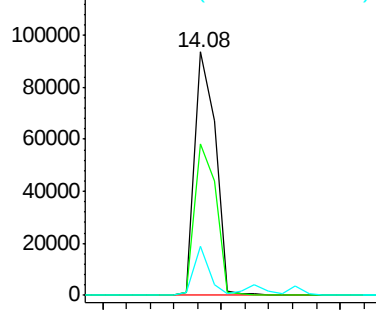


Abundance

Ion 252.00 (251.70 to 252.70): E

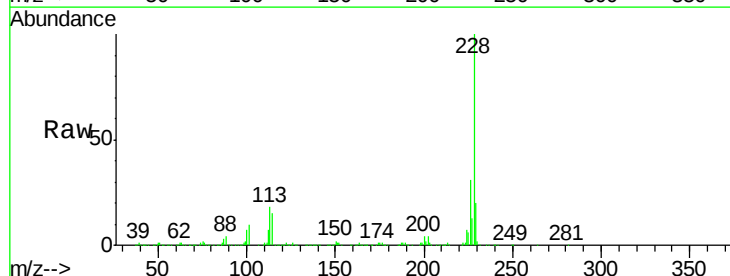
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 36.74 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.2	37.8
229	20.1	16.0	24.0

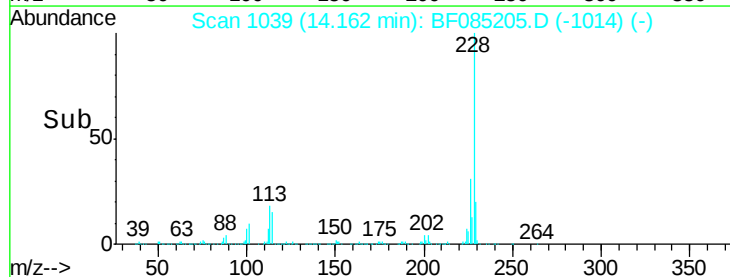
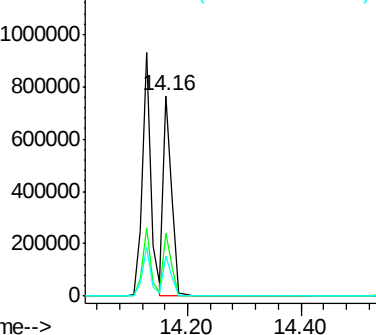


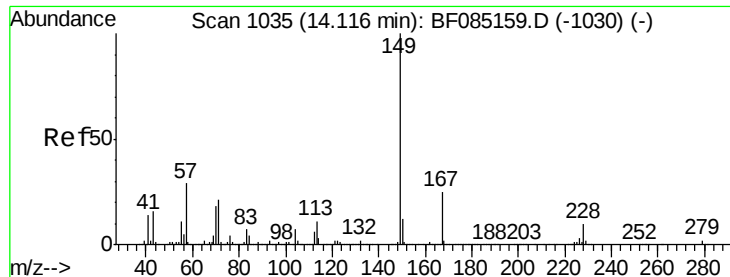
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





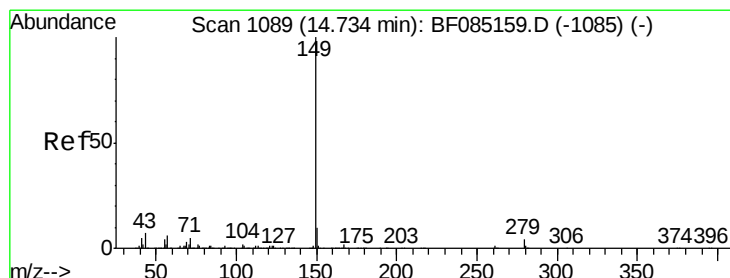
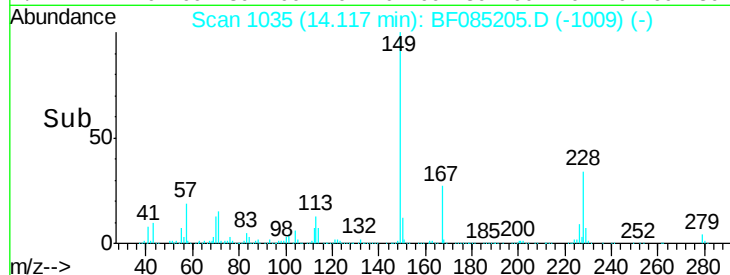
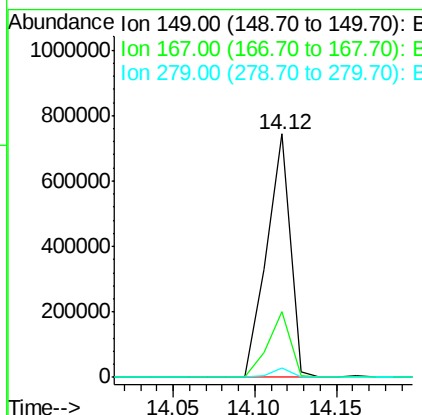
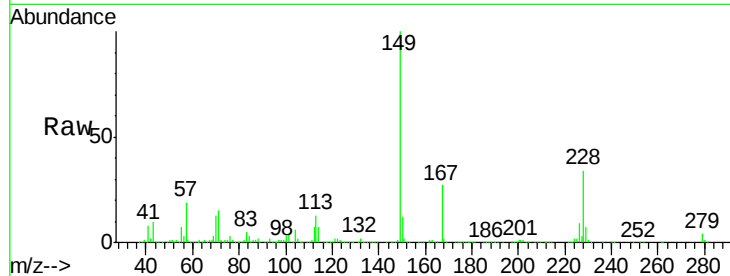
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.65 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	751795		
167	26.9	20.3	30.5	
279	4.1	1.9	2.9	

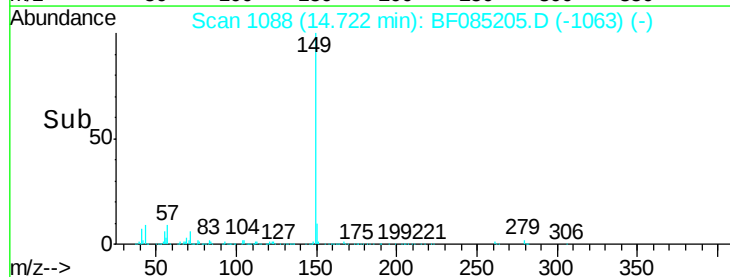
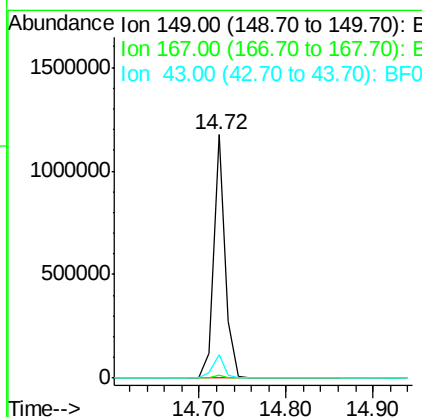
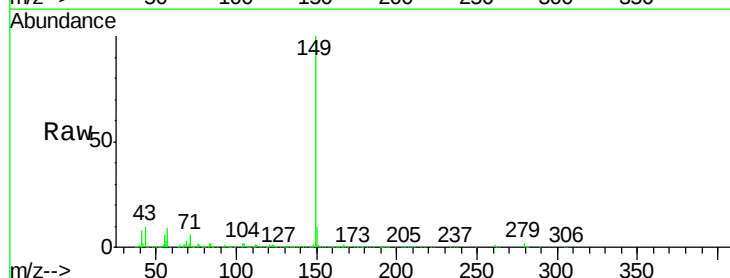
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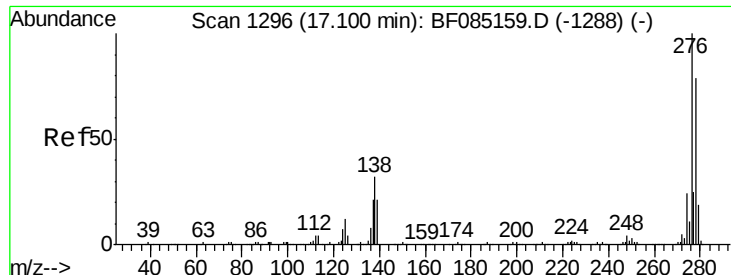
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#84
 Di-n-octyl phthalate
 Concen: 40.35 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1083254		
167	1.5	1.1	1.7	
43	9.3	7.8	11.8	





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.49 ng

RT: 17.09 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

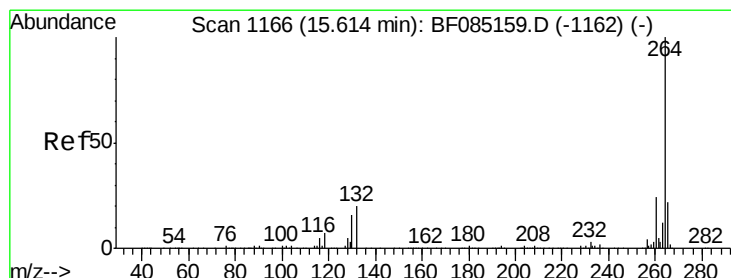
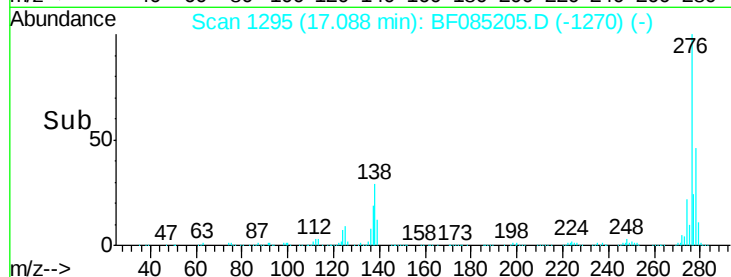
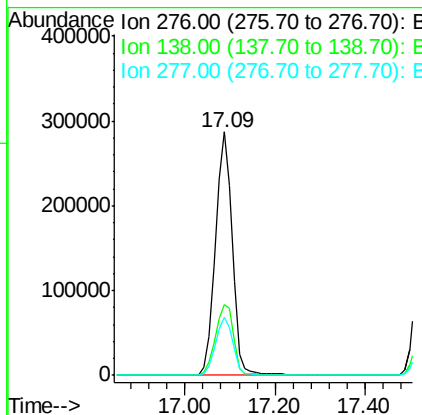
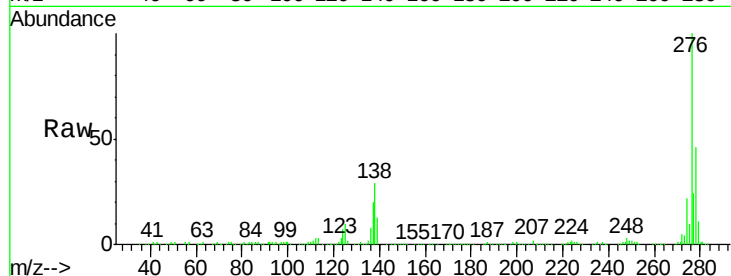
ClientSampleId :

PB88682BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		753089		
138	31.8	26.4	39.6		
277	25.2	20.2	30.2		

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#86

Perylene-d12

Concen: 20.00 ng

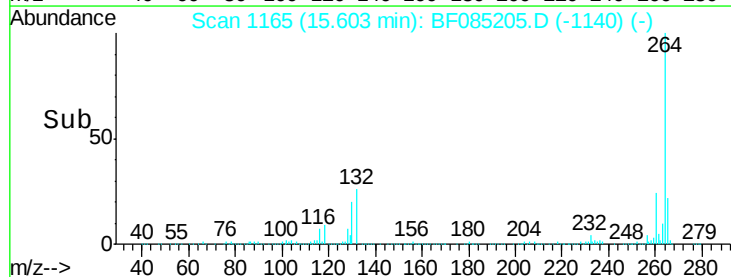
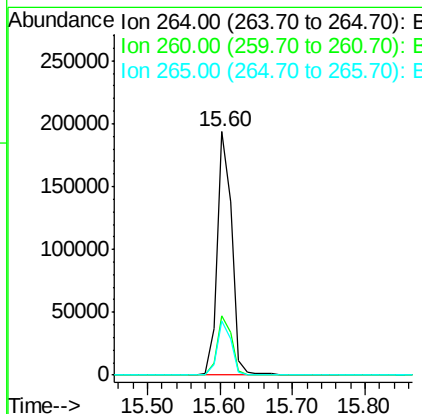
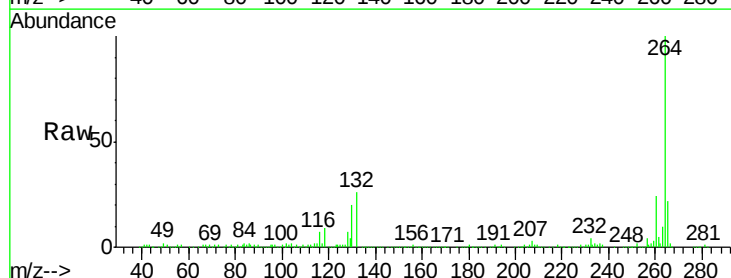
RT: 15.60 min Scan# 1165

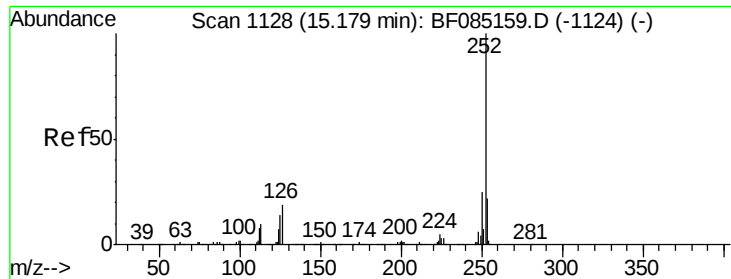
Delta R.T. -0.01 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		267020		
260	24.1	19.2	28.8		
265	22.4	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 42.05 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Instrument :

BNA_F

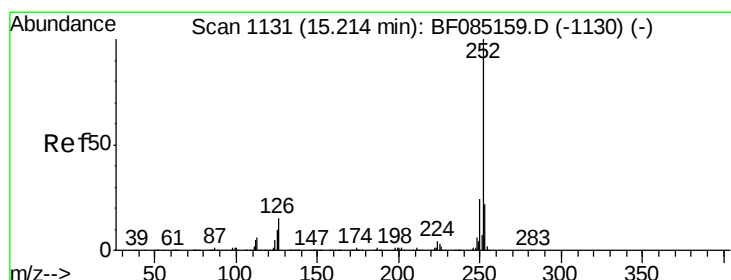
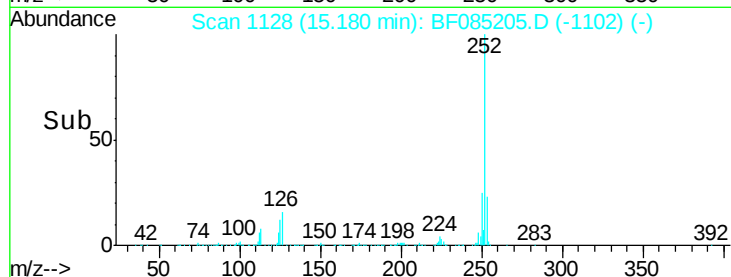
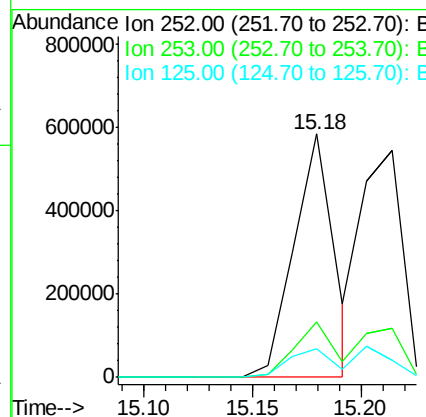
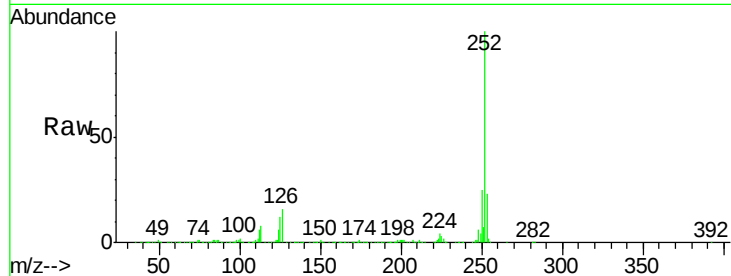
ClientSampleId :

PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	748366		
253	22.5	17.8	26.6	
125	11.8	11.3	16.9	

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#88

Benzo(k)fluoranthene

Concen: 50.61 ng m

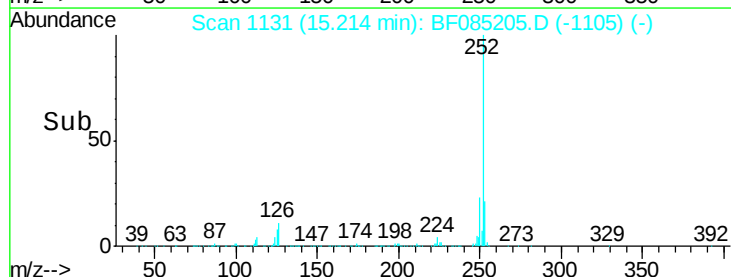
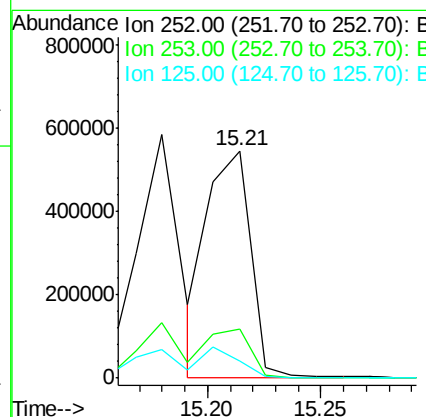
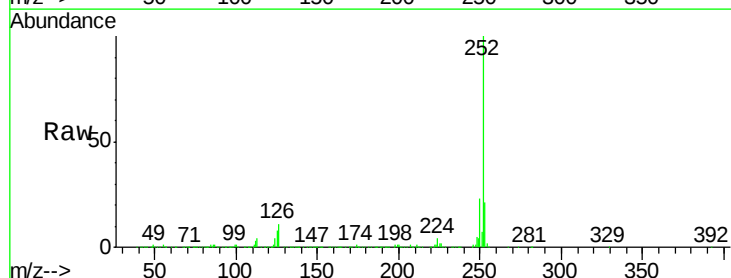
RT: 15.21 min Scan# 1131

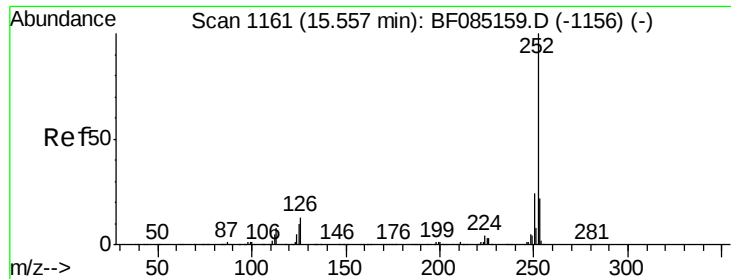
Delta R.T. 0.00 min

Lab File: BF085205.D

Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	726527		
253	21.4	17.8	26.6	
125	7.7	10.4	15.6	





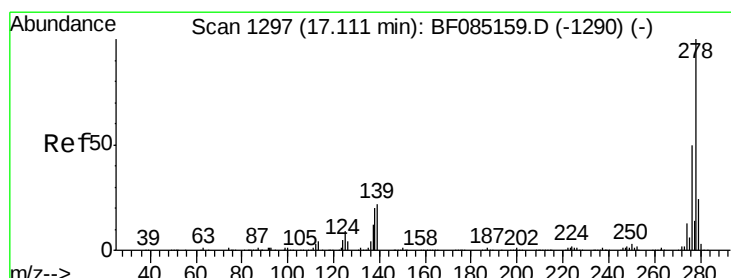
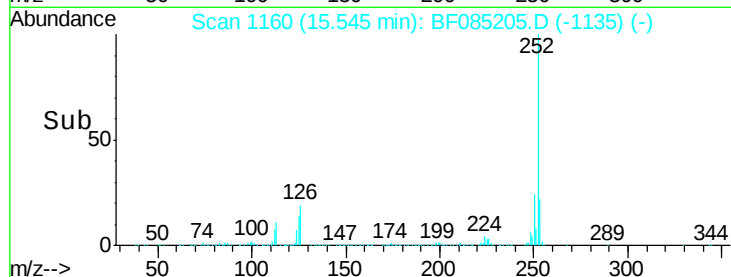
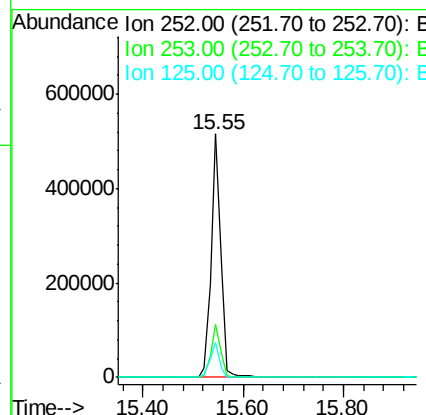
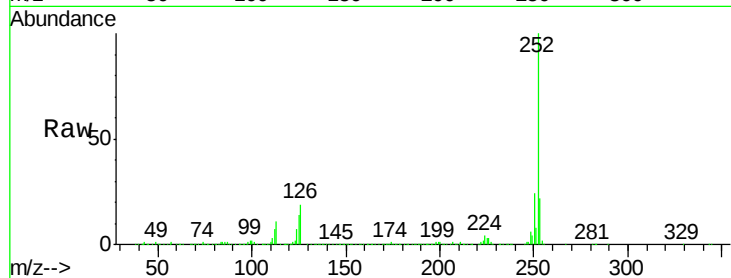
#89
Benzo(a)pyrene
Concen: 45.91 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	14.3	8.2	12.4

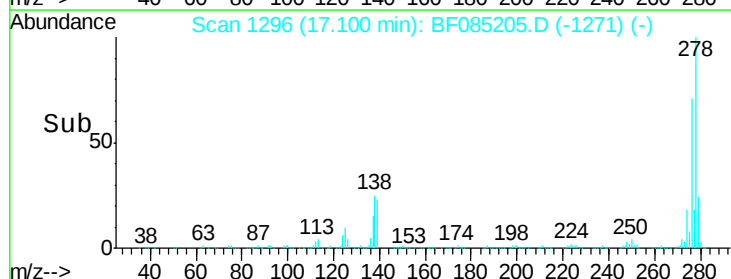
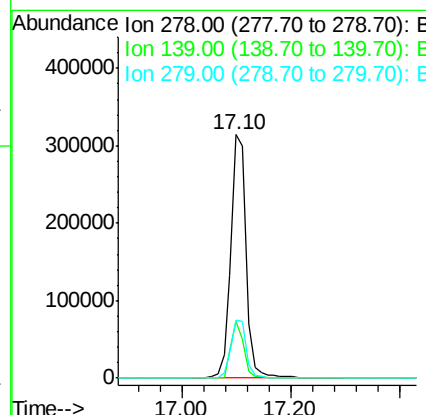
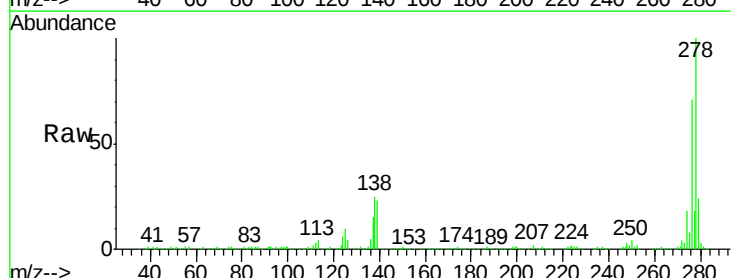
Manual Integrations
APPROVED

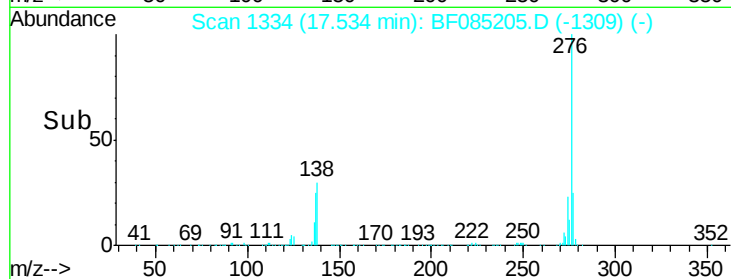
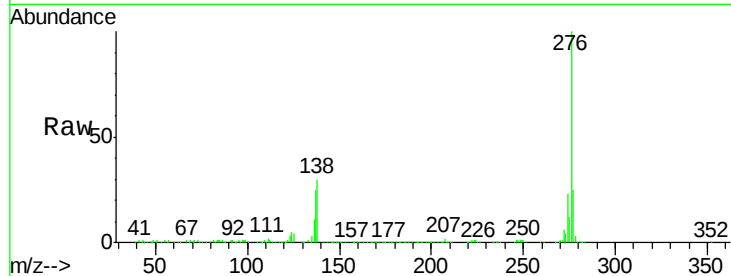
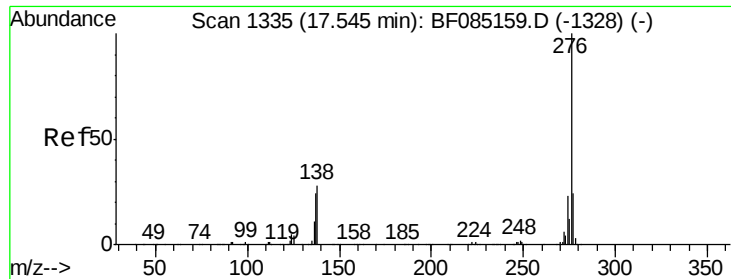
UMANGI
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#90
Dibenzo(a,h)anthracene
Concen: 48.93 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085205.D
Acq: 4 Mar 2016 16:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	17.3	25.9
279	23.9	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 49.93 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085205.D
 Acq: 4 Mar 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	632045		
277	24.6		19.0	28.4
138	29.9		22.5	33.7

Manual Integrations
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