

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085211.D
 Acq On : 4 Mar 2016 19:14
 Operator : SJ/IZ
 Sample : PB88680BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:43 PM

Quant Time: Mar 07 10:37:18 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	177950	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	692709	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	319457	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	590525	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	427131	20.00	ng	-0.01
86) Perylene-d12	15.60	264	288045	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1174825	110.74	ng	0.01
7) Phenol-d6	6.60	99	1598994	115.04	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1035105	79.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	356189	130.31	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1849362	88.04	ng	-0.01
78) Terphenyl-d14	13.09	244	1564245	85.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	179391	33.07	ng	99
3) Pyridine	3.54	79	453667	33.41	ng	97
4) n-Nitrosodimethylamine	3.49	42	209905	36.12	ng	94
6) Aniline	6.63	93	361864	18.58	ng	99
8) 2-Chlorophenol	6.76	128	479963	37.58	ng	97
9) Benzaldehyde	6.52	77	173141	23.56	ng	99
10) Phenol	6.61	94	505810m	33.98	ng	
11) bis(2-Chloroethyl)ether	6.71	93	502786	40.67	ng	96
12) 1,3-Dichlorobenzene	6.92	146	535972	39.09	ng	99
13) 1,4-Dichlorobenzene	6.98	146	511932	37.25	ng	98
14) 1,2-Dichlorobenzene	7.14	146	507299	40.69	ng	99
15) Benzyl Alcohol	7.11	79	424283	41.58	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	622711	34.94	ng	99
17) 2-Methylphenol	7.22	107	442833	42.49	ng	99
18) Hexachloroethane	7.49	117	199048	39.26	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	324875	35.86	ng	# 90
20) 3+4-Methylphenols	7.37	107	480012	38.89	ng	97
22) Acetophenone	7.38	105	661283	39.11	ng	# 96
24) Nitrobenzene	7.56	77	573639	43.62	ng	95
25) Isophorone	7.80	82	982665	40.96	ng	98
26) 2-Nitrophenol	7.88	139	270213	42.23	ng	97
27) 2,4-Dimethylphenol	7.91	122	506171	43.28	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	565128	42.30	ng	100
29) 2,4-Dichlorophenol	8.12	162	410556	43.53	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	415505	40.75	ng	99
31) Naphthalene	8.28	128	1361585	39.97	ng	99
32) Benzoic acid	8.01	122	229346	29.52	ng	98
33) 4-Chloroaniline	8.32	127	129969	9.43	ng	95
34) Hexachlorobutadiene	8.40	225	227107	42.80	ng	100
35) Caprolactam	8.70	113	136110m	44.19	ng	
36) 4-Chloro-3-methylphenol	8.80	107	433904	40.55	ng	98
37) 2-Methylnaphthalene	8.97	142	973861	44.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	353287	38.67	ng	99
40) Hexachlorocyclopentadiene	9.12	237	432349	87.74	ng	99

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 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)
42) 2,4,6-Trichlorophenol	9.25	196	309399	45.49	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	269315	41.77	nq	# 86
45) 1,1'-Biphenyl	9.43	154	1074352	39.36	nq	98
46) 2-Chloronaphthalene	9.46	162	875195	42.07	nq	98
47) 2-Nitroaniline	9.56	65	281566	43.68	nq	# 75
48) Acenaphthylene	9.88	152	1265383	39.08	nq	98
49) Dimethylphthalate	9.74	163	1011286	41.24	nq	100
50) 2,6-Dinitrotoluene	9.80	165	213782	40.76	nq	96
51) Acenaphthene	10.05	154	854558	43.47	nq	99
52) 3-Nitroaniline	9.96	138	97246	15.50	nq	# 78
53) 2,4-Dinitrophenol	10.07	184	212034	79.69	nq	# 46
54) Dibenzofuran	10.22	168	1100927	42.74	nq	100
55) 4-Nitrophenol	10.13	139	385728	78.21	nq	86
56) 2,4-Dinitrotoluene	10.20	165	265496	39.55	nq	# 83
57) Fluorene	10.56	166	812386	40.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	199009	43.93	nq	99
59) Diethylphthalate	10.44	149	946332	39.77	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	388992	39.52	nq	94
61) 4-Nitroaniline	10.57	138	221420	37.72	nq	98
62) Azobenzene	10.71	77	998125	42.58	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	143145	40.48	nq	80
65) n-Nitrosodiphenylamine	10.68	169	806133	43.89	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	228005	39.76	nq	# 89
67) Hexachlorobenzene	11.11	284	241834	39.53	nq	# 84
68) Atrazine	11.20	200	273887	53.62	nq	94
69) Pentachlorophenol	11.30	266	283642	83.54	nq	98
70) Phenanthrene	11.52	178	1194170	38.59	nq	99
71) Anthracene	11.58	178	1351193	41.13	nq	99
72) Carbazole	11.73	167	1068373	37.09	nq	99
73) Di-n-butylphthalate	12.06	149	1462581	40.16	nq	# 98
74) Fluoranthene	12.71	202	1152879	37.12	nq	97
76) Benzidine	12.83	184	330850	26.03	nq	100
77) Pyrene	12.94	202	1138248	35.41	nq	100
79) Butylbenzylphthalate	13.56	149	589052	40.38	nq	# 83
80) Benzo(a)anthracene	14.13	228	997024	38.99	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	120051	14.88	nq	97
82) Chrysene	14.16	228	756528	32.03	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	748233	38.98	nq	# 96
84) Di-n-octyl phthalate	14.72	149	1103616	37.75	nq	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	703850	38.18	nq	99
87) Benzo(b)fluoranthene	15.18	252	798100	41.57	nq	# 96
88) Benzo(k)fluoranthene	15.20	252	648589m	41.88	nq	
89) Benzo(a)pyrene	15.55	252	676565	42.52	nq	# 98
90) Dibenzo(a,h)anthracene	17.10	278	591650	43.56	nq	98
91) Benzo(g,h,i)perylene	17.53	276	595917	43.64	nq	96

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

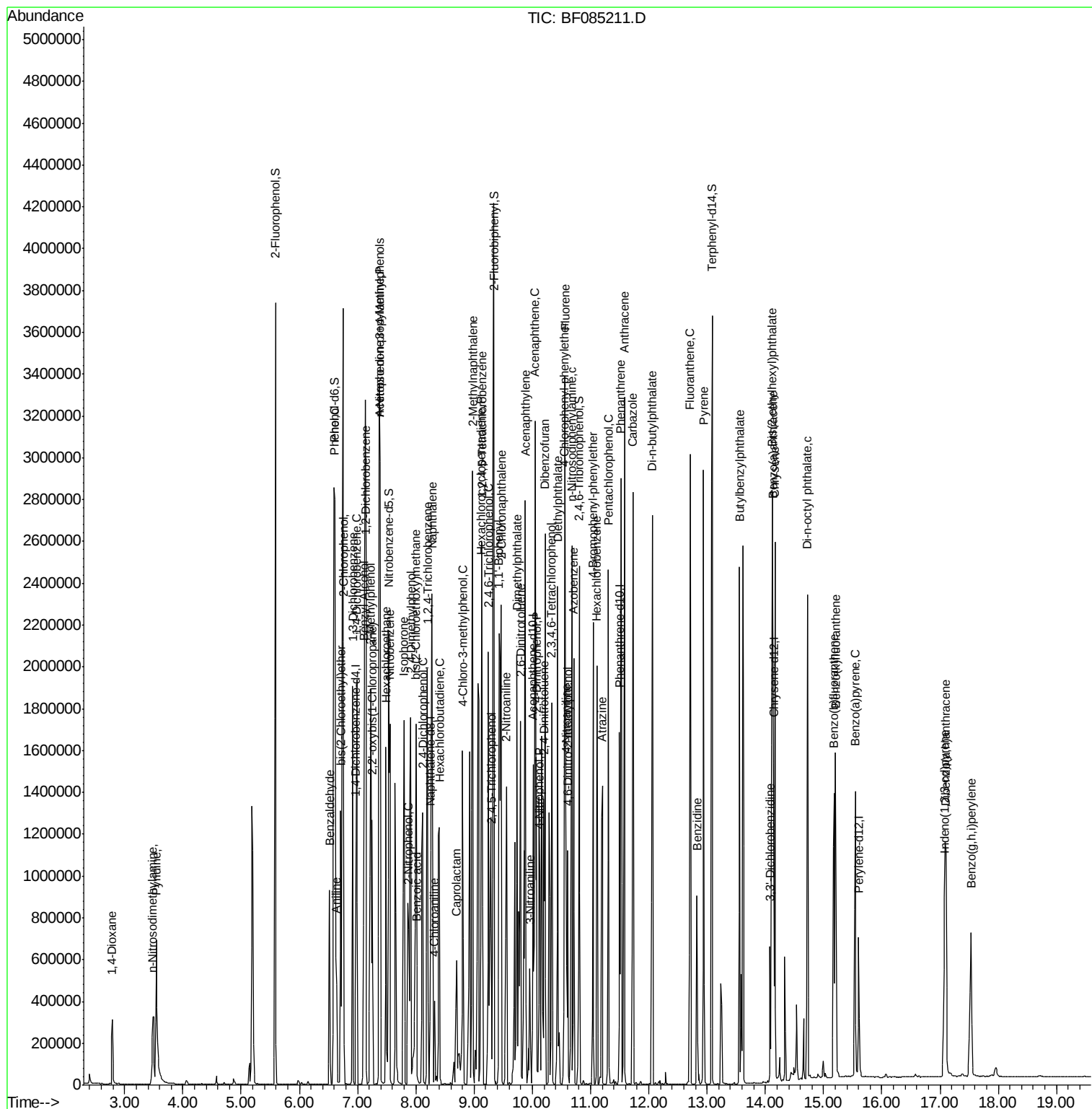
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Operator  : SJ/IZ  
Sample    : PB88680BS  
Misc      :  
ALS Vial  : 11 Sample Multiplier: 1
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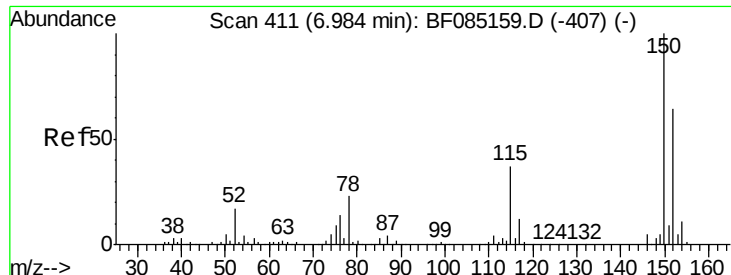
Instrument :
BNA_F
ClientSampleId :
PB88680BS

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#1

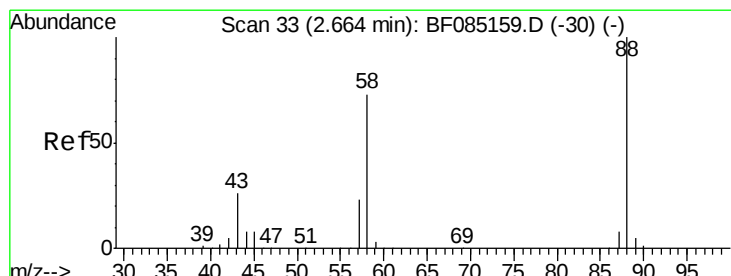
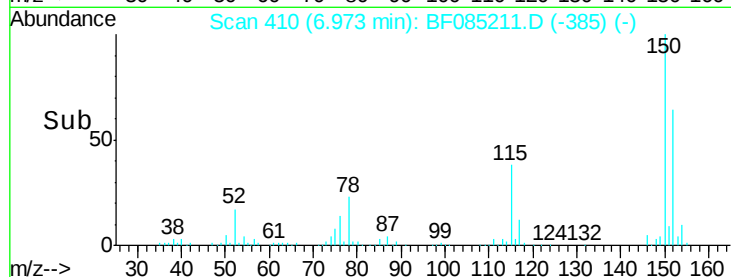
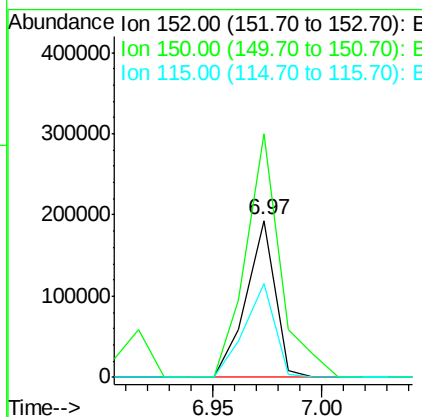
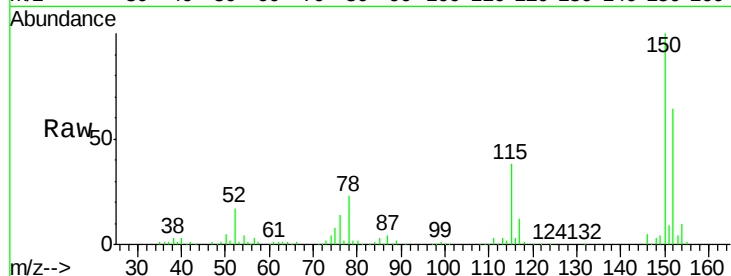
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.7	46.6	70.0

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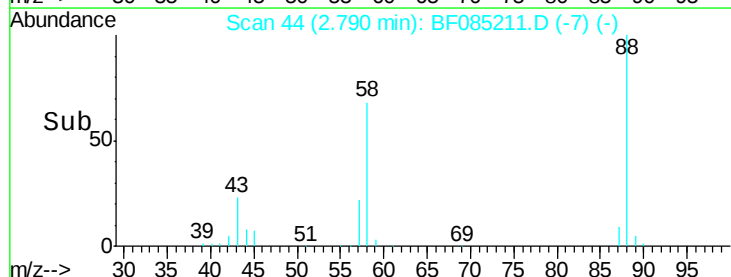
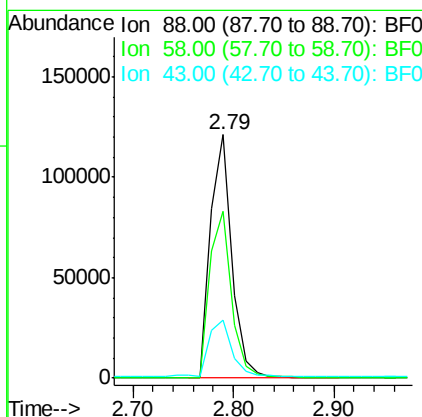
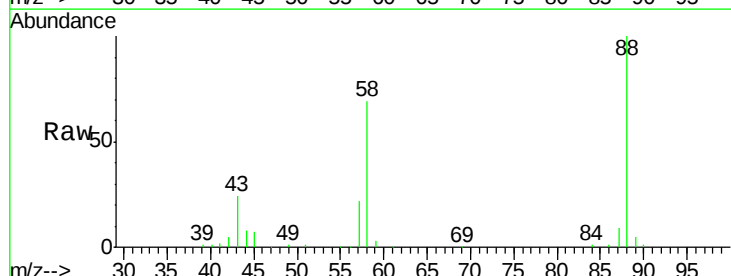
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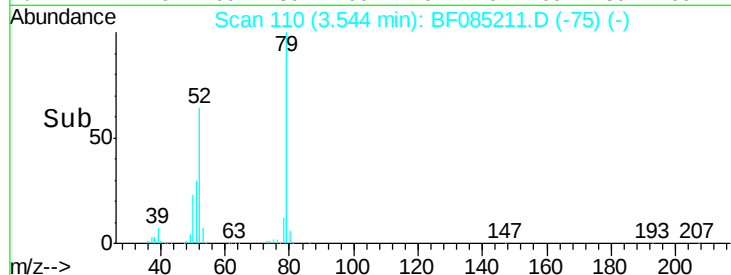
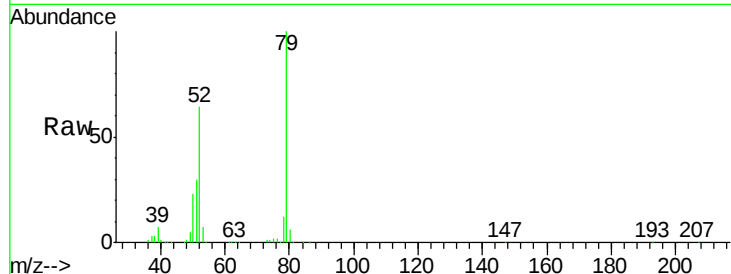
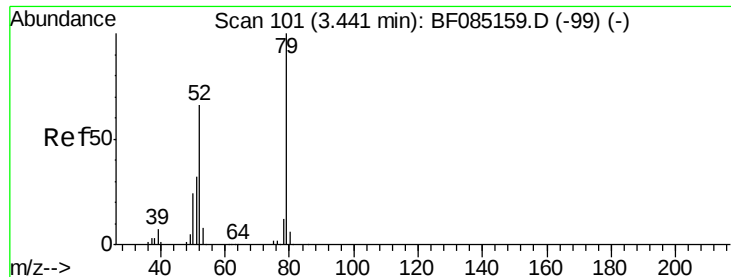


#2

1,4-Dioxane
Concen: 33.07 ng
RT: 2.79 min Scan# 44
Delta R.T. 0.13 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	57.0	85.6
43	24.9	20.5	30.7





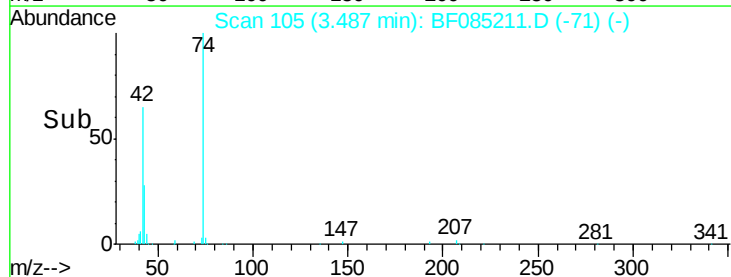
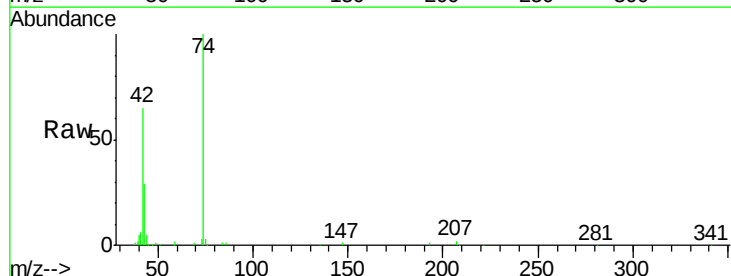
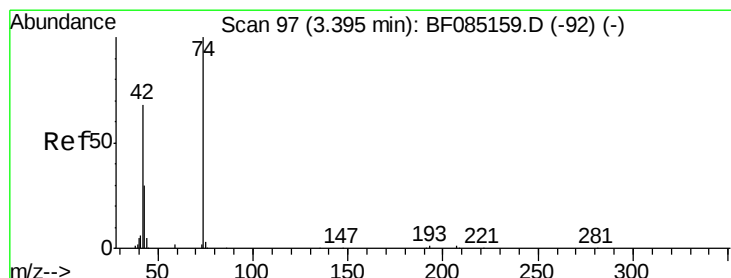
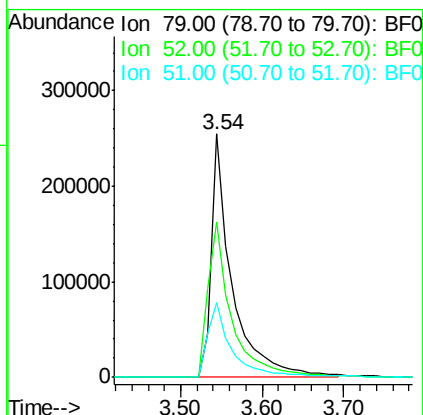
#3
Pvridine
Concen: 33.41 ng
RT: 3.54 min Scan# 110
Delta R.T. 0.10 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.6	52.6	79.0
51	30.5	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
PB88680BS

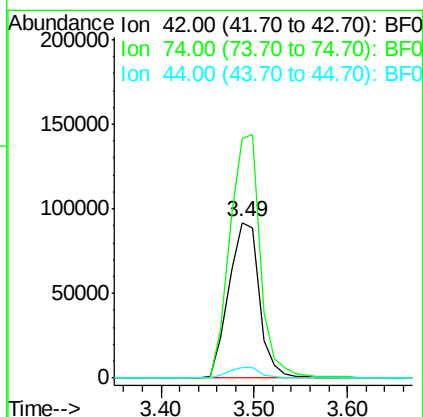
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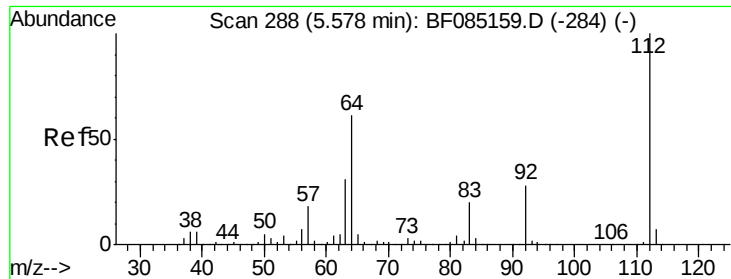
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#4
n-Nitrosodimethylamine
Concen: 36.12 ng
RT: 3.49 min Scan# 105
Delta R.T. 0.09 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.1	116.8	175.2
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 110.74 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

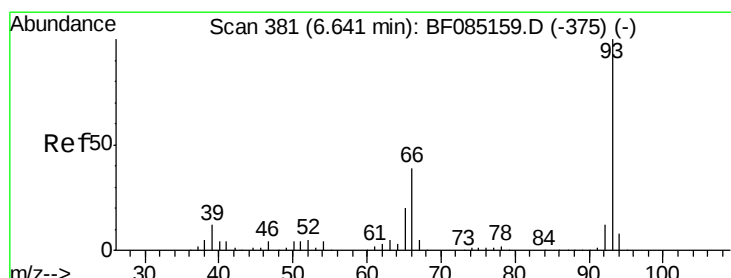
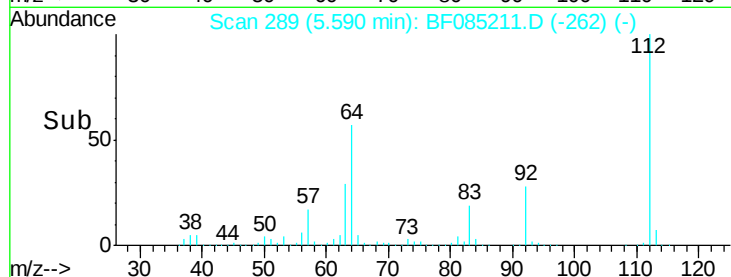
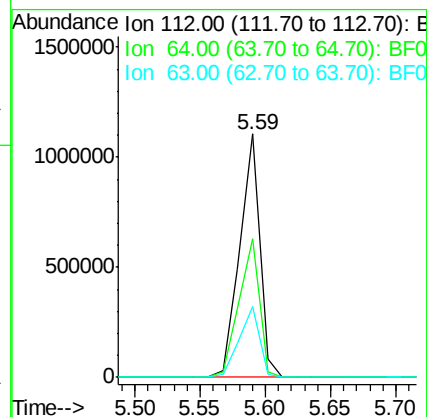
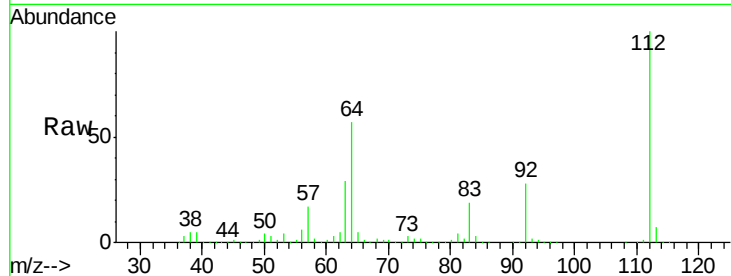
ClientSampleId :

PB88680BS

Tot Ion:	112	Resp:	1174825
Ion Ratio	Lower	Upper	
112	100		
64	56.8	49.0	73.4
63	29.0	24.8	37.2

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#6

Aniline

Concen: 18.58 ng

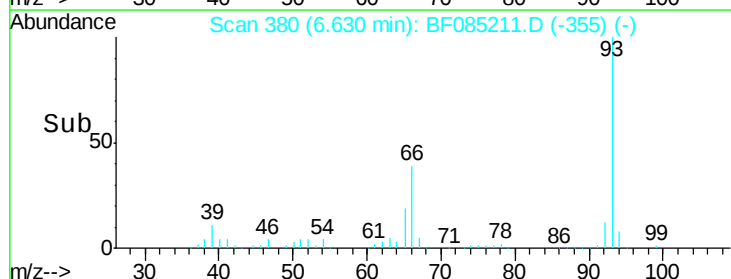
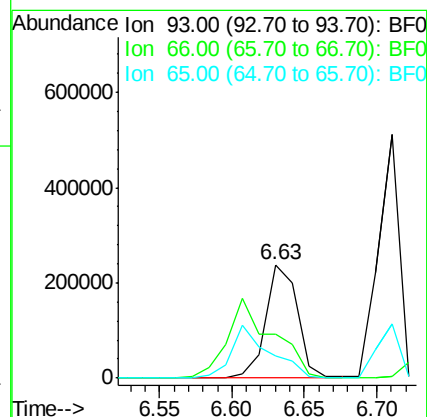
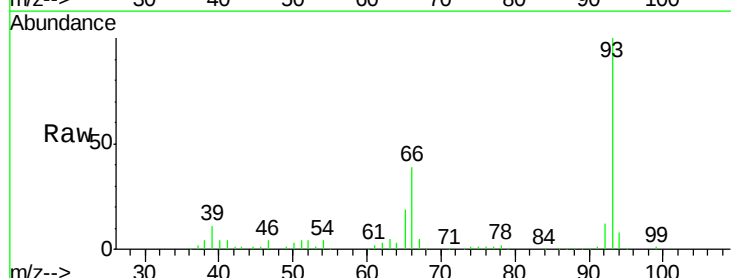
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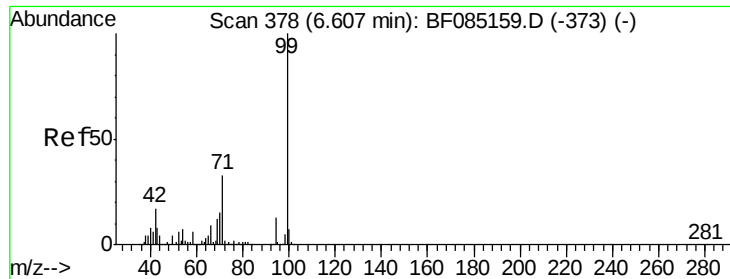
Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion:	93	Resp:	361864
Ion Ratio	Lower	Upper	
93	100		
66	38.8	31.6	47.4
65	19.5	15.8	23.8





#7

Phenol-d6

Concen: 115.04 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88680BS

Tot Ion: 99 Resp: 1598994

Ion Ratio Lower Upper

99 100

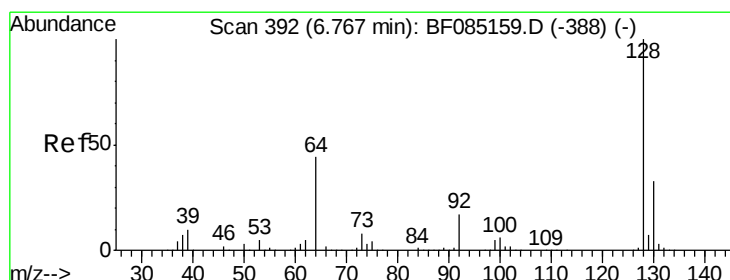
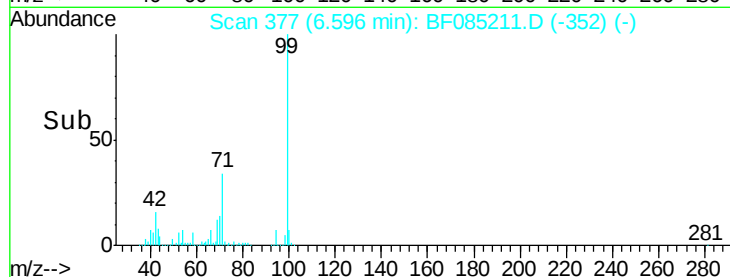
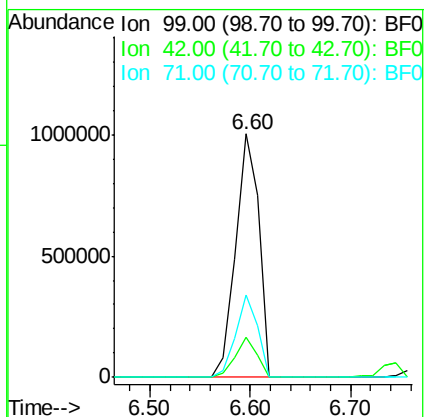
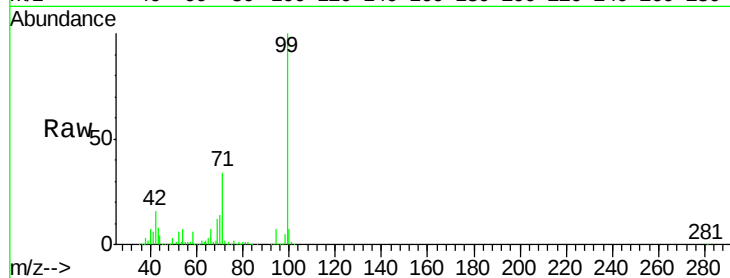
42 16.5 13.6 20.4

71 33.6 26.7 40.1

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#8

2-Chlorophenol

Concen: 37.58 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

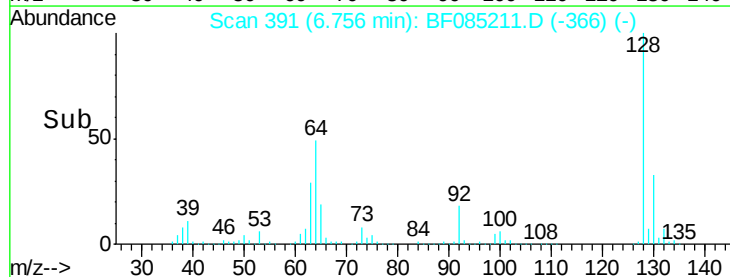
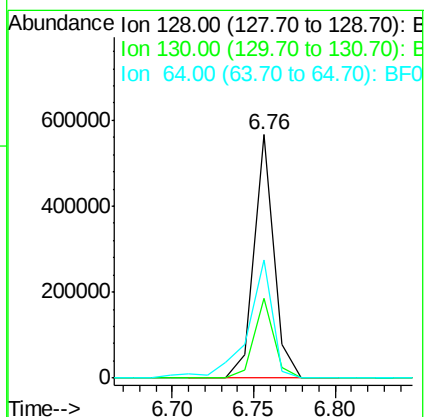
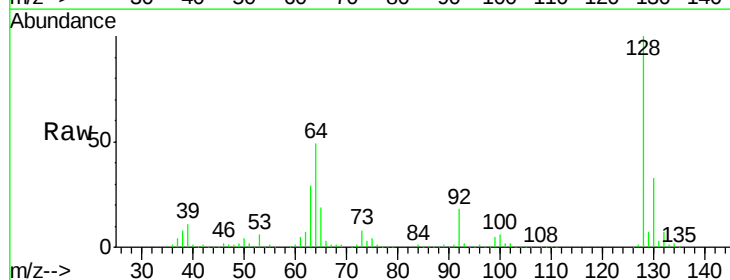
Tgt Ion: 128 Resp: 479963

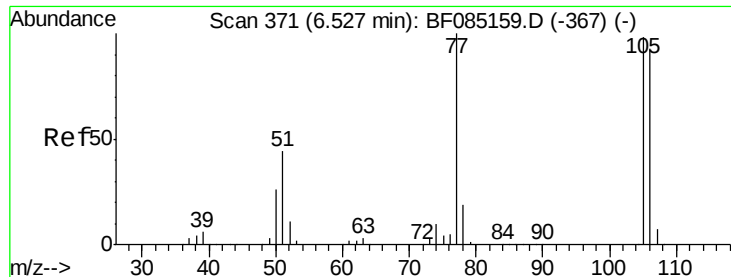
Ion Ratio Lower Upper

128 100

130 32.9 13.3 53.3

64 48.6 25.7 65.7





#9

Benzaldehyde

Concen: 23.56 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

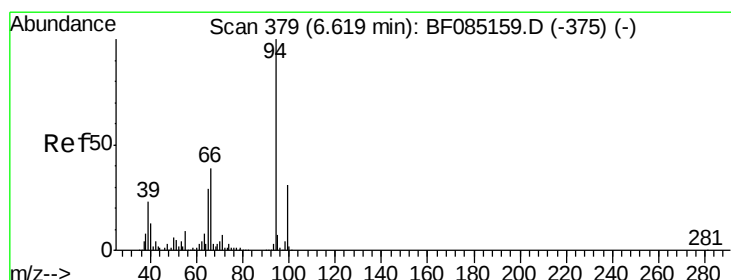
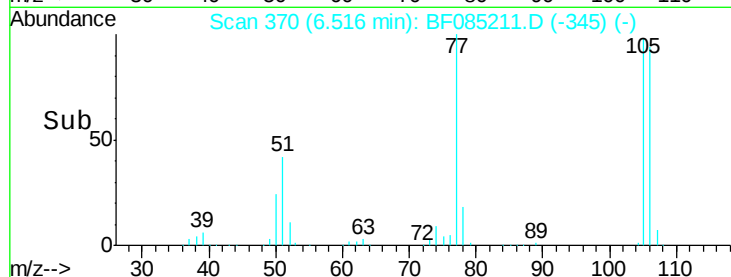
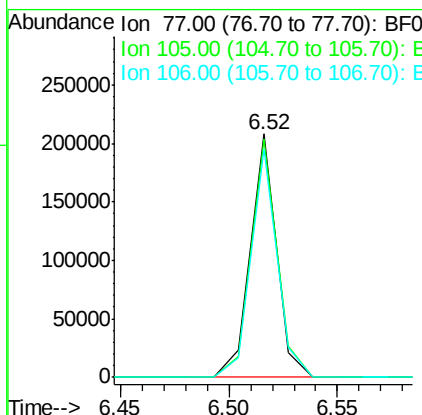
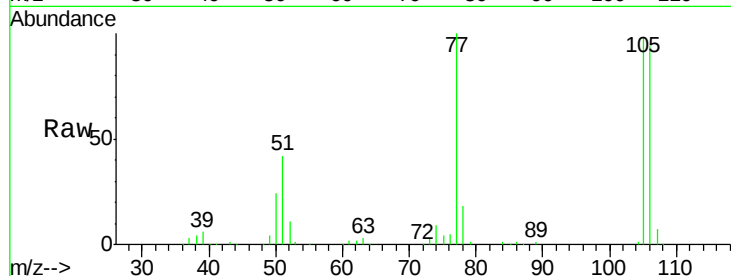
ClientSampled :

PB88680BS

Tot Ion:	77	Resp:	173141
Ion Ratio	Lower	Upper	
77	100		
105	97.8	78.2	118.2
106	93.7	72.9	112.9

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#10

Phenol

Concen: 33.98 ng m

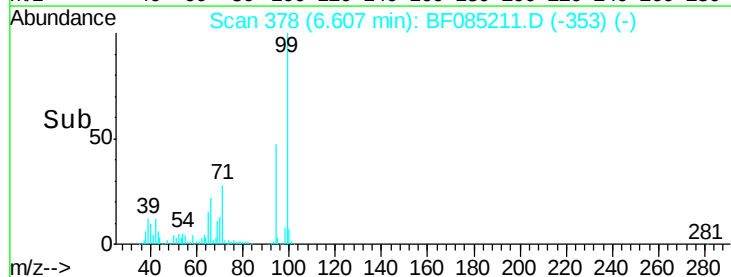
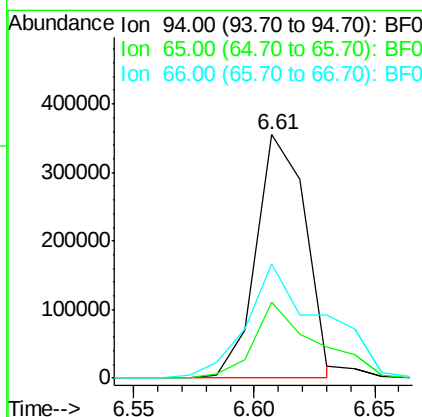
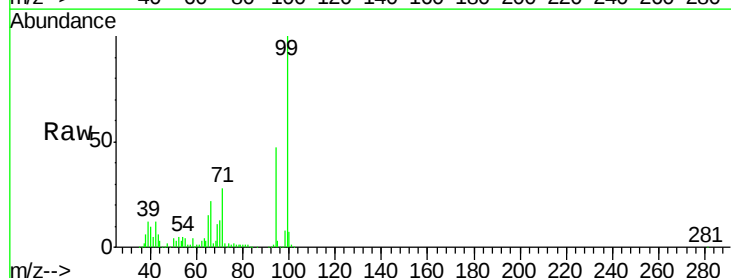
RT: 6.61 min Scan# 378

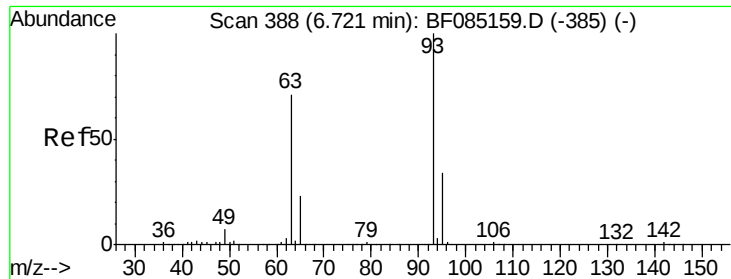
Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion:	94	Resp:	505810
Ion Ratio	Lower	Upper	
94	100		
65	31.0	9.1	49.1
66	47.2	19.3	59.3





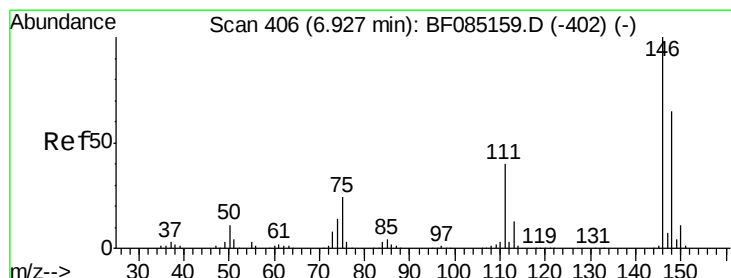
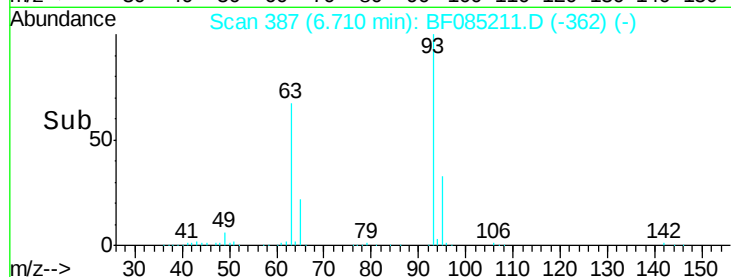
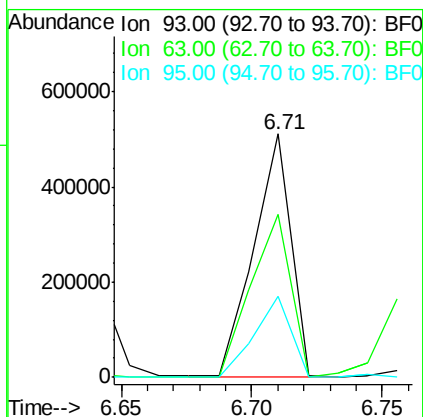
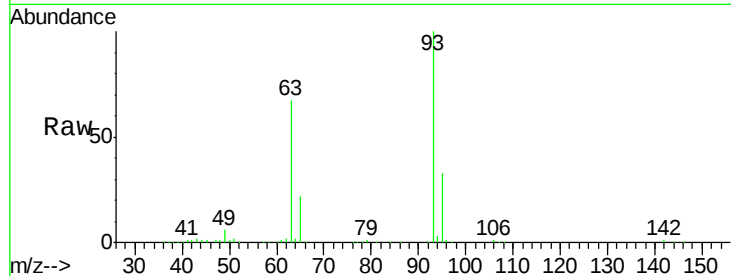
#11
bis(2-Chloroethyl)ether
Concen: 40.67 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion:	93	Resp:	502786
Ion Ratio	Lower	Upper	
93	100		
63	66.8	50.9	90.9
95	33.2	13.7	53.7

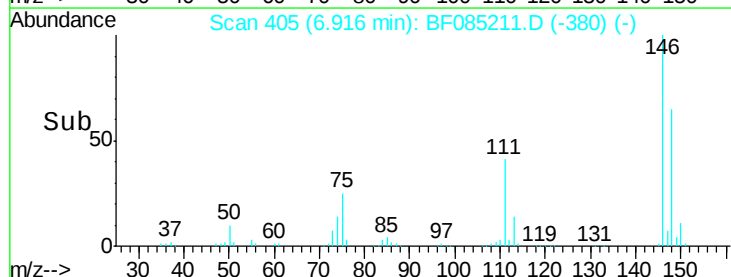
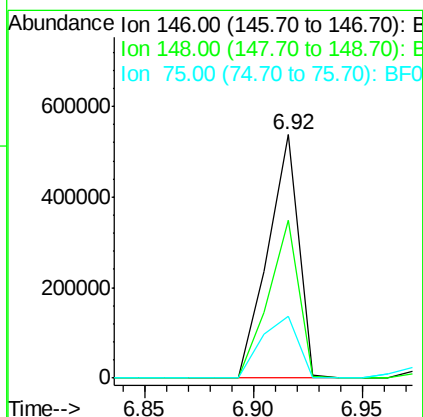
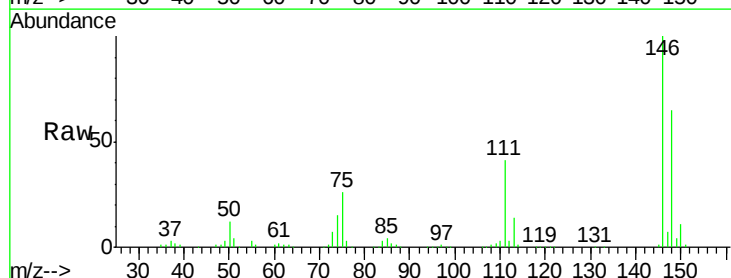
Manual Integrations
APPROVED

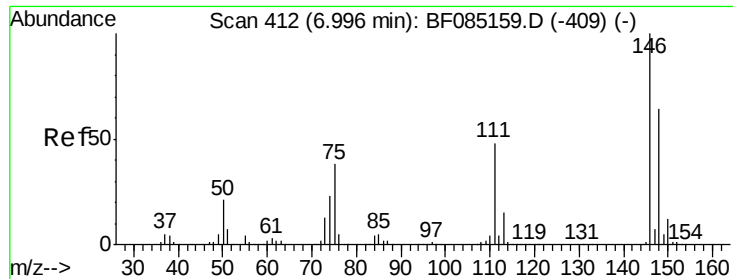
UMANGI
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#12
1,3-Dichlorobenzene
Concen: 39.09 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion:	146	Resp:	535972
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.1	78.1
75	25.7	19.5	29.3





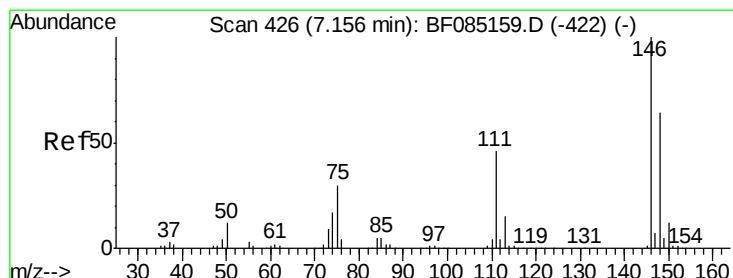
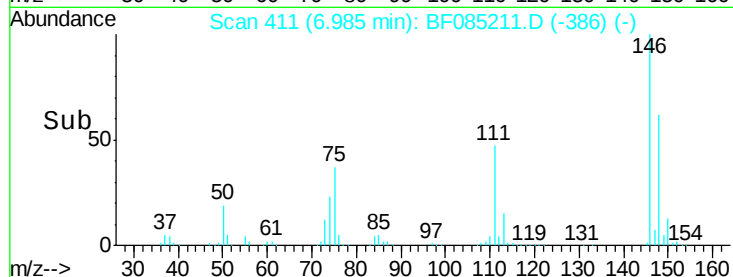
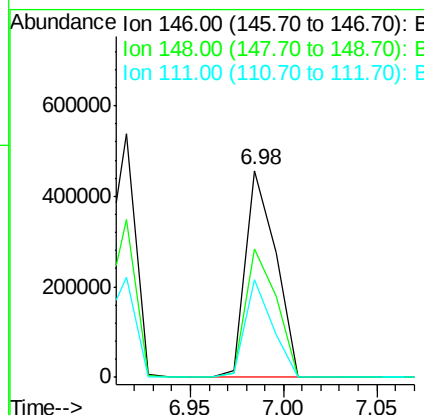
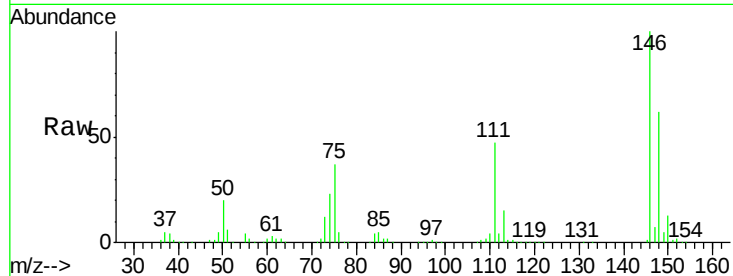
#13
1,4-Dichlorobenzene
Concen: 37.25 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.3	76.9
111	47.3	38.4	57.6

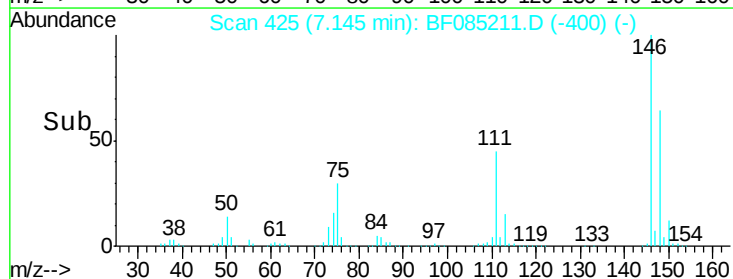
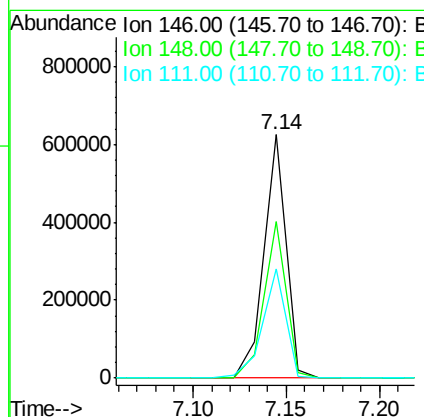
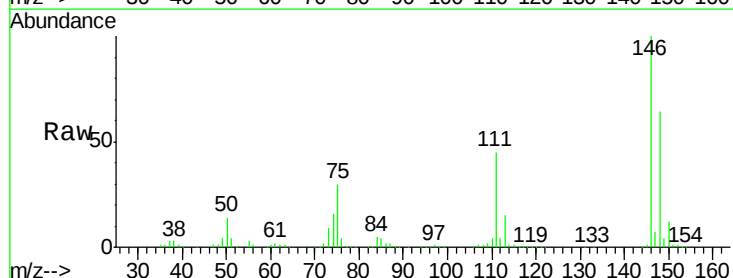
Manual Integrations
APPROVED

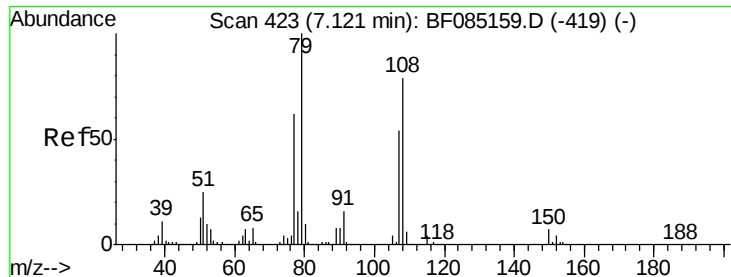
UMANGI
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#14
1,2-Dichlorobenzene
Concen: 40.69 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	44.9	36.7	55.1





#15

Benzyl Alcohol

Concen: 41.58 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

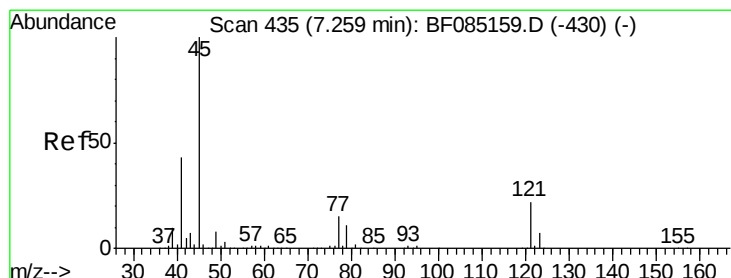
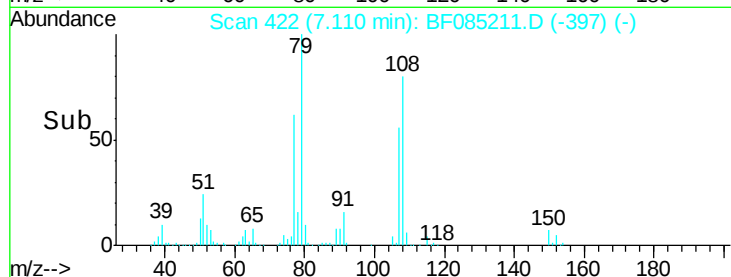
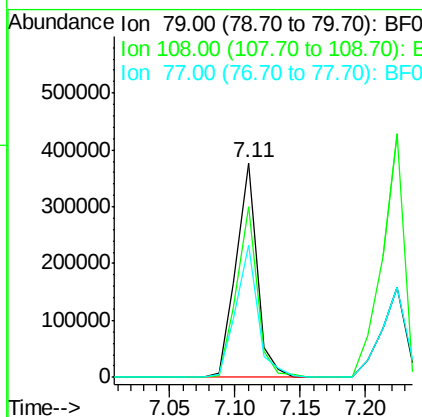
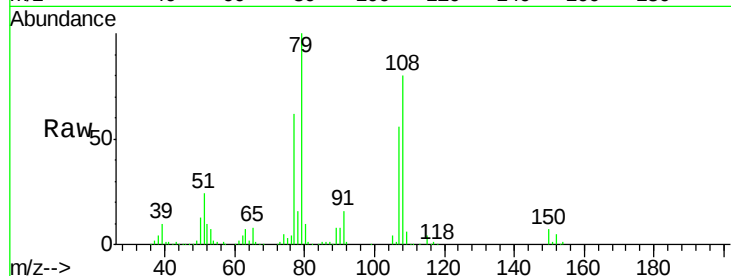
ClientSampleId :

PB88680BS

Tot Ion:	79	Resp:	424283
Ion Ratio	Lower	Upper	
79	100		
108	79.6	62.9	94.3
77	61.8	49.5	74.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.94 ng

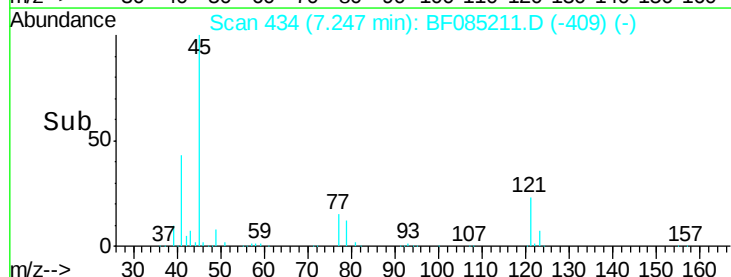
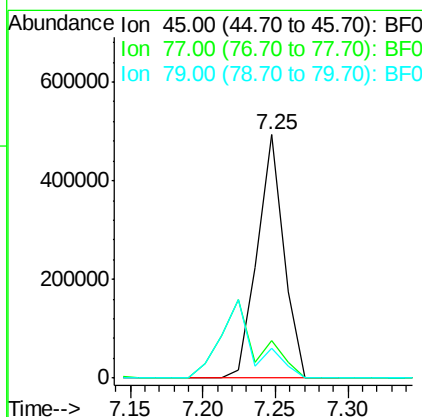
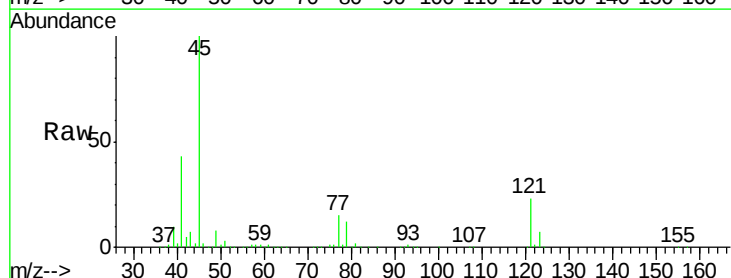
RT: 7.25 min Scan# 434

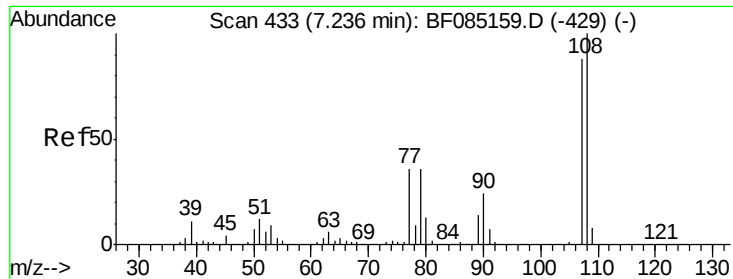
Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion:	45	Resp:	622711
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	35.1
79	12.1	0.0	31.3





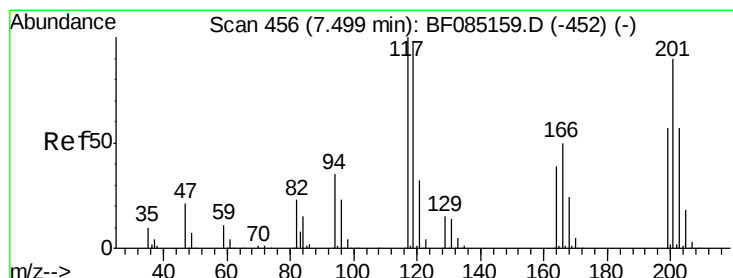
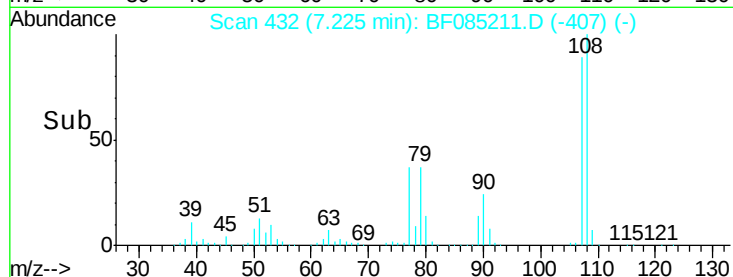
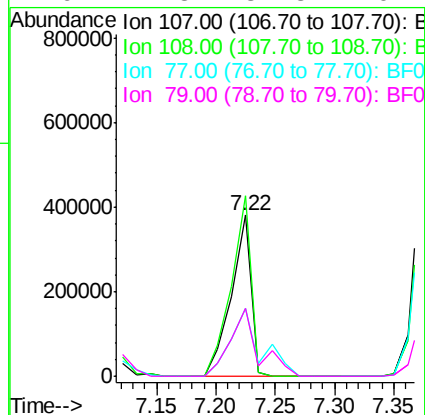
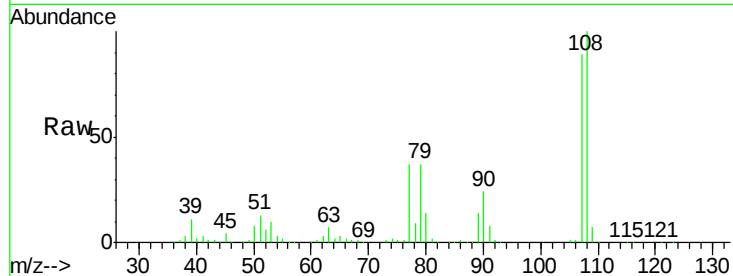
#17
2-Methylphenol
Concen: 42.49 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion:	107	Resp:	442833
Ion Ratio	Lower	Upper	
107	100		
108	112.3	90.9	136.3
77	41.8	32.6	48.8
79	41.8	32.8	49.2

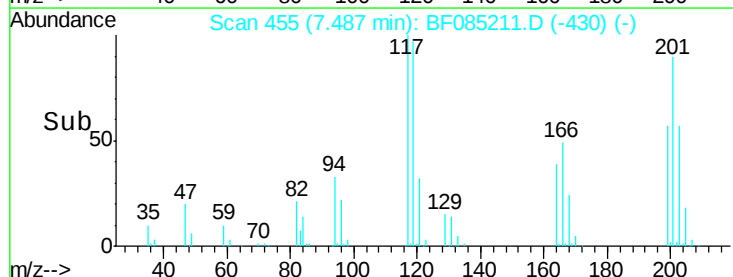
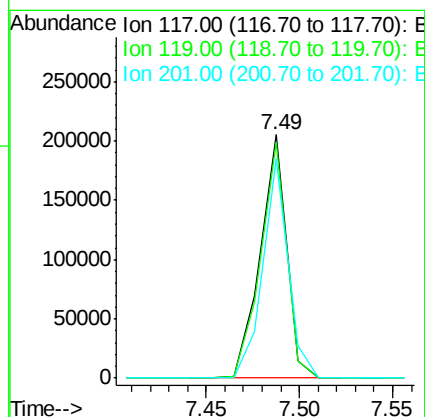
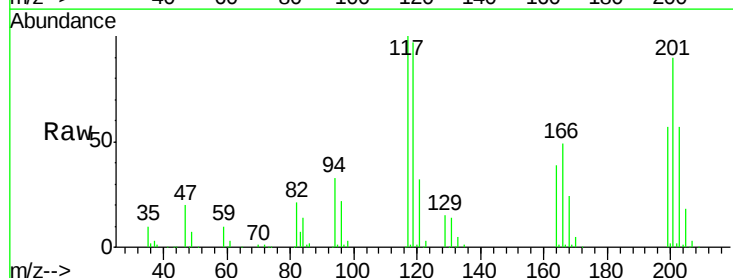
Manual Integrations
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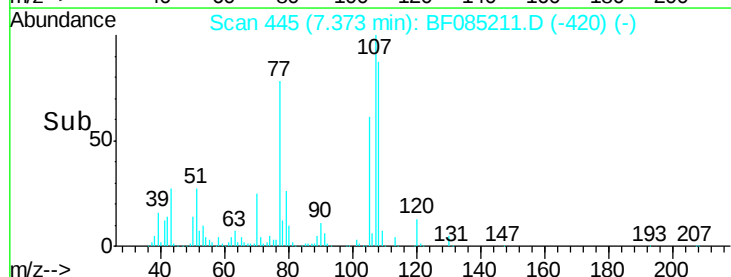
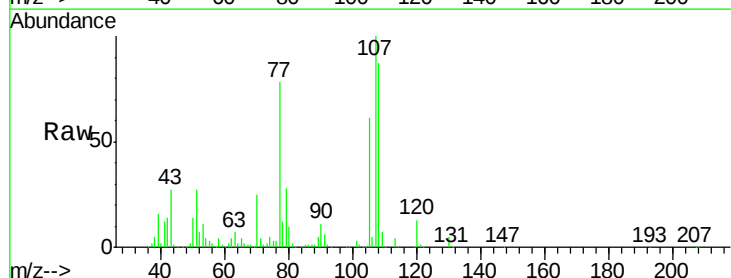
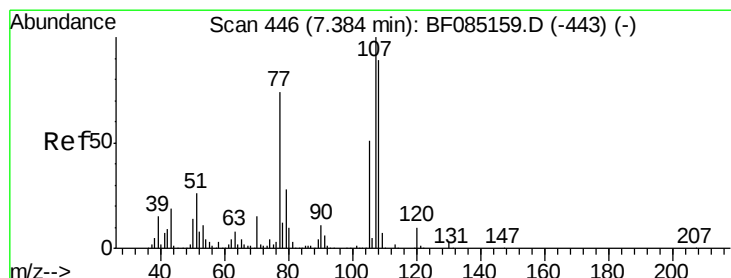
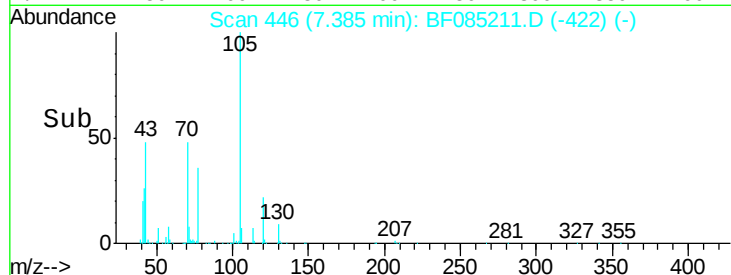
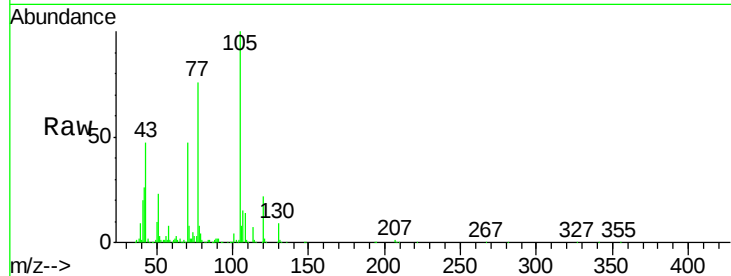
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#18
Hexachloroethane
Concen: 39.26 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion:	117	Resp:	199048
Ion Ratio	Lower	Upper	
117	100		
119	96.8	78.2	117.4
201	90.3	72.0	108.0





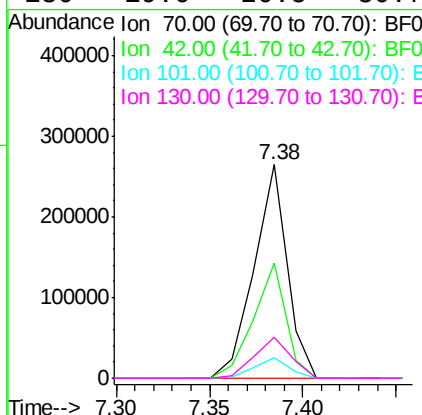
#19
n-Nitroso-di-n-propylamine
Concen: 35.86 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.2	37.7	56.5		
101	9.3	8.2	12.4		
130	19.0	20.5	30.7#		

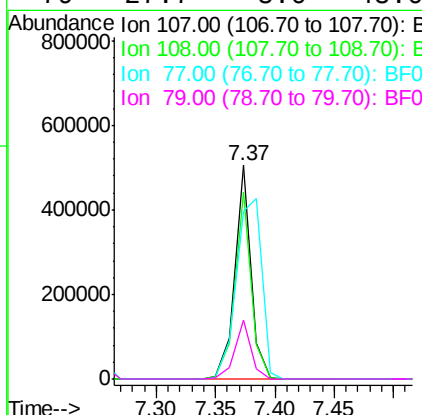
Manual Integrations
APPROVED

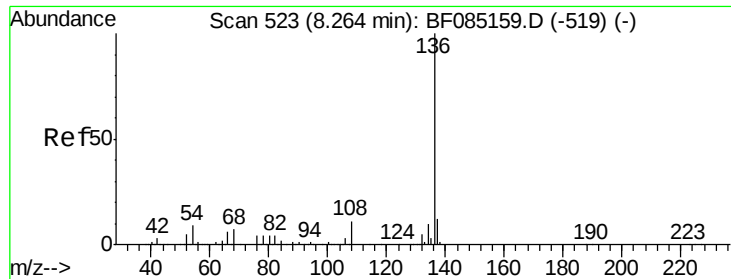
UMANGI
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#20
3+4-Methylphenols
Concen: 38.89 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.3	68.8	108.8		
77	78.5	53.6	93.6		
79	27.7	8.0	48.0		





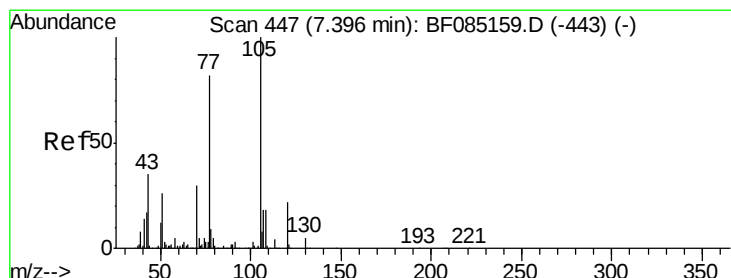
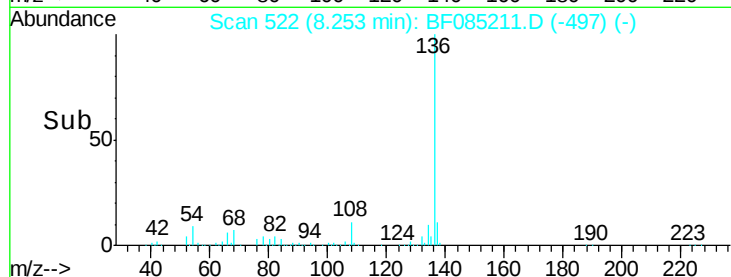
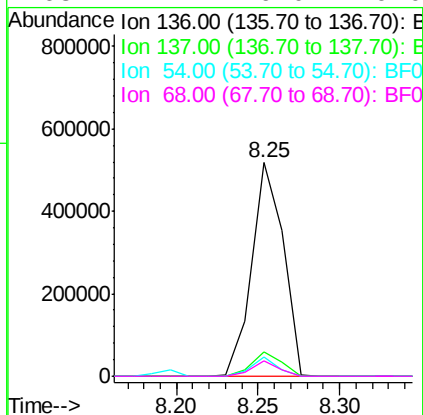
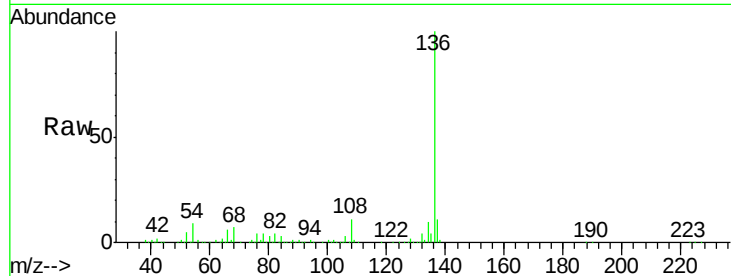
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		692709		
137	11.2		9.3	13.9	
54	8.9		7.4	11.2	
68	7.4		6.0	9.0	

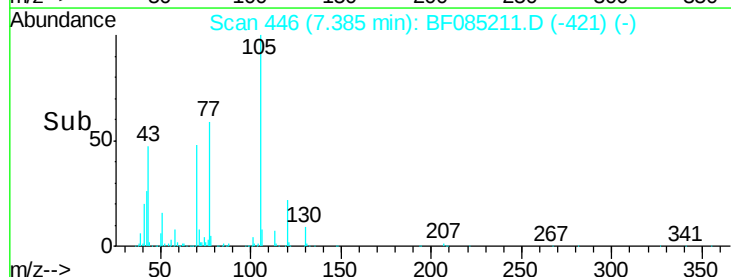
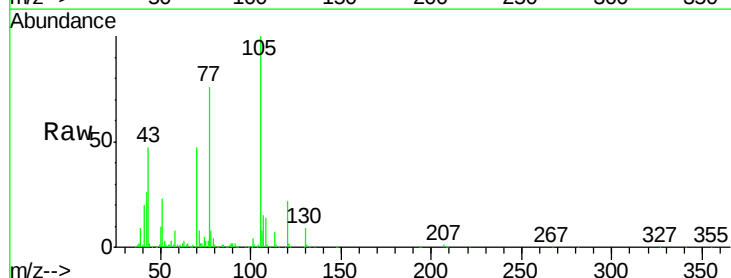
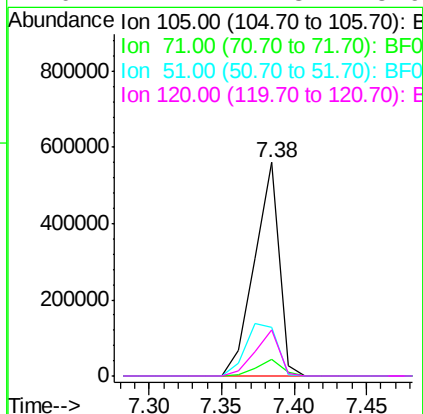
Manual Integrations
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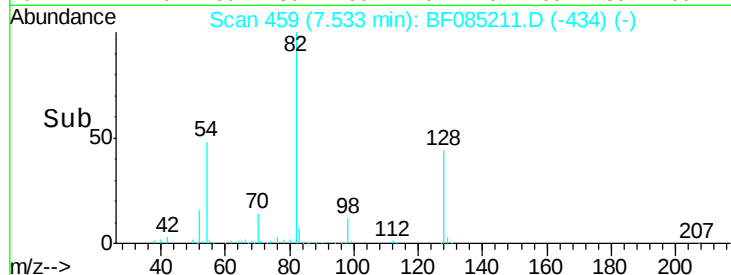
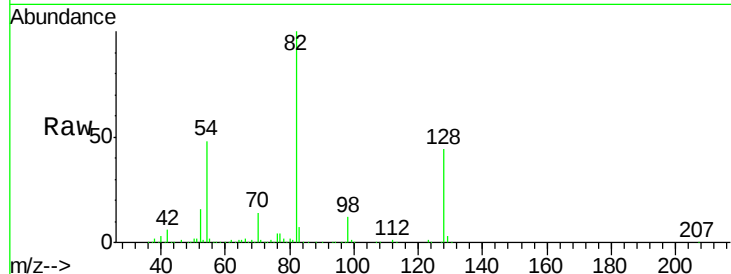
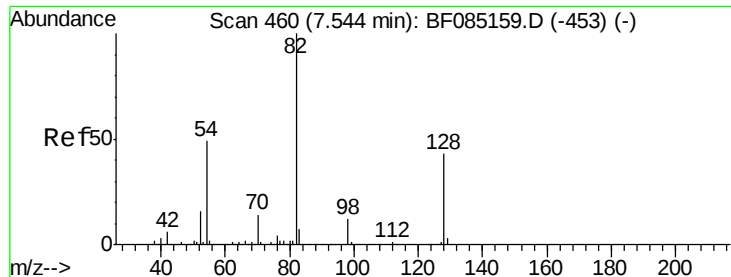
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#22
Acetophenone
Concen: 39.11 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		661283		
71	8.0		4.1	6.1#	
51	23.0		21.1	31.7	
120	21.7		17.3	25.9	





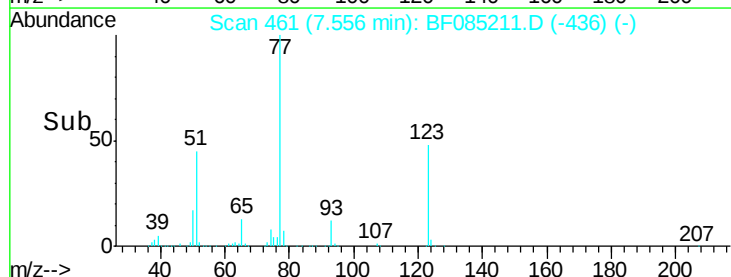
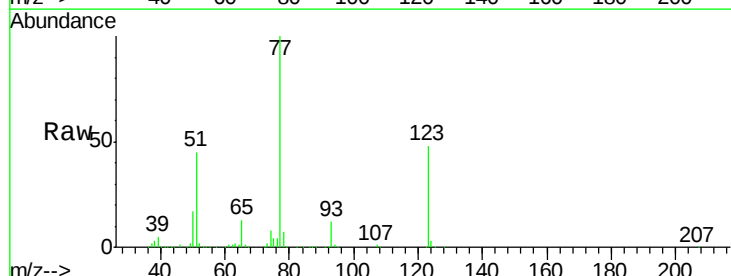
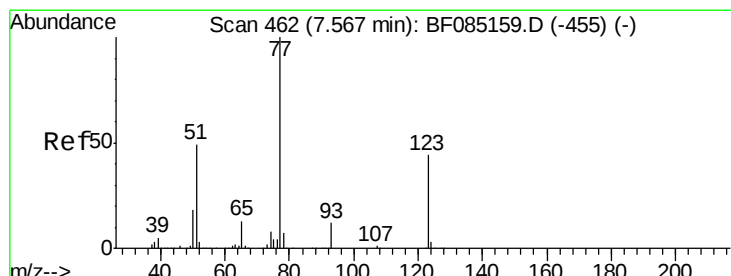
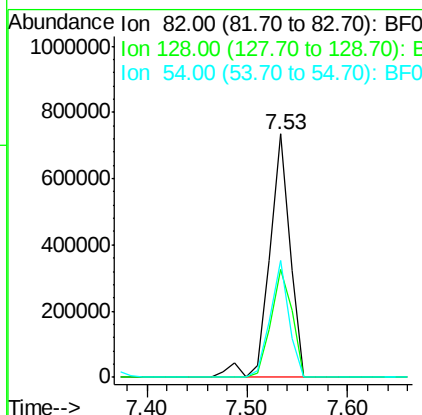
#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tot Ion	82	Resp	1035105
Ion Ratio	100	Lower	Upper
128	44.1	34.5	51.7
54	48.2	39.3	58.9

Instrument :
BNA_F
ClientSampleId :
PB88680BS

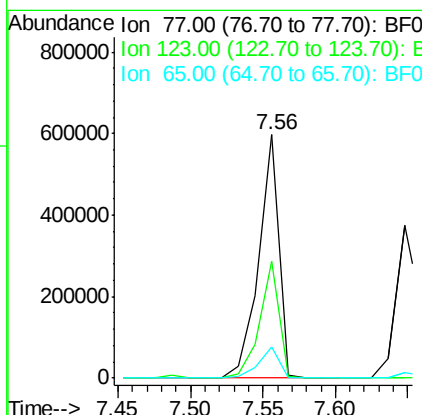
Manual Integrations
APPROVED

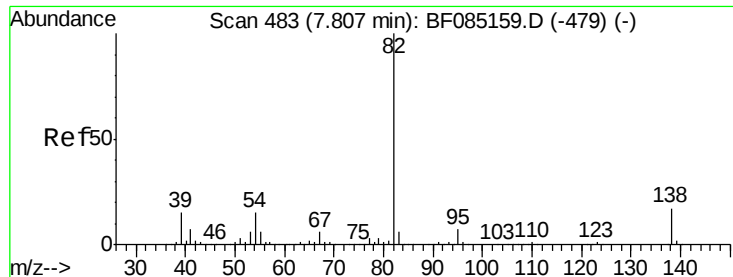
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#24
Nitrobenzene
Concen: 43.62 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	77	Resp	573639
Ion Ratio	100	Lower	Upper
123	48.2	35.4	53.2
65	12.9	10.6	16.0





#25

Isophorone

Concen: 40.96 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

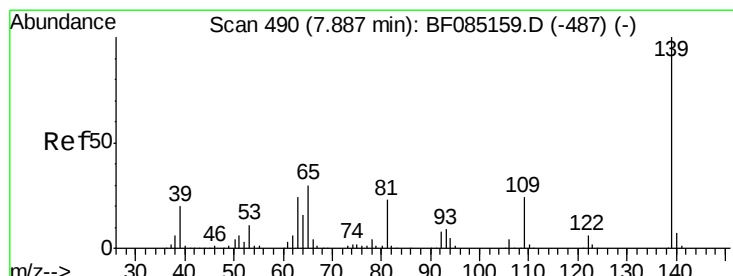
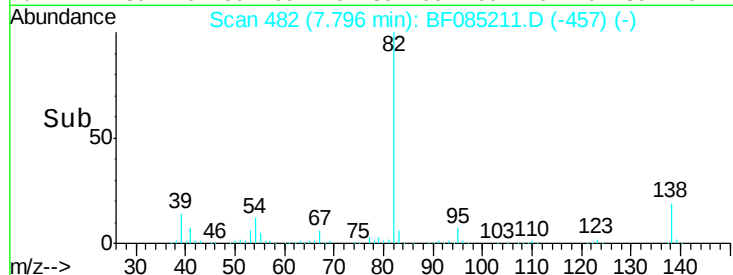
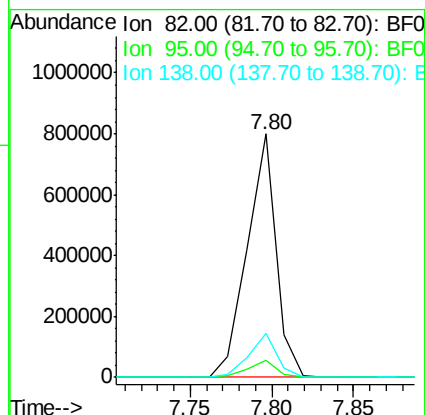
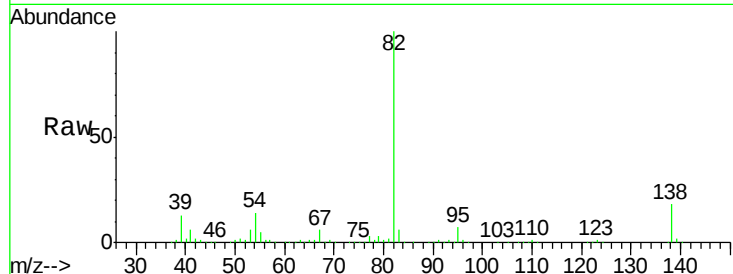
ClientSampleId :

PB88680BS

Tot Ion:	82	Resp:	982665
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.9	13.3	19.9

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 42.23 ng

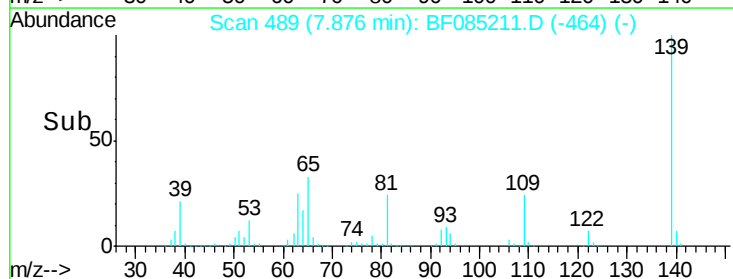
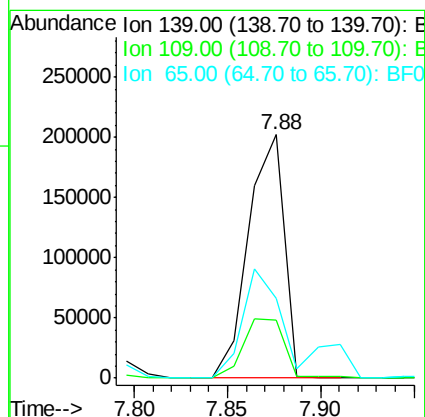
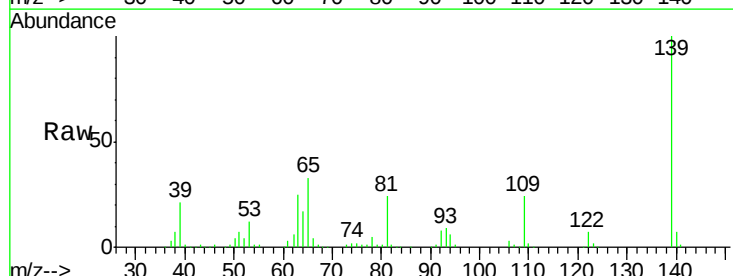
RT: 7.88 min Scan# 489

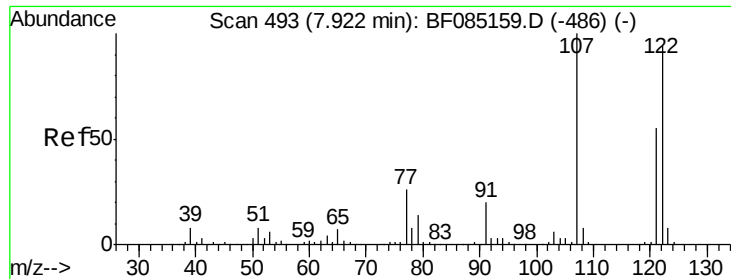
Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion:	139	Resp:	270213
Ion Ratio	Lower	Upper	
139	100		
109	24.1	19.1	28.7
65	32.8	23.9	35.9





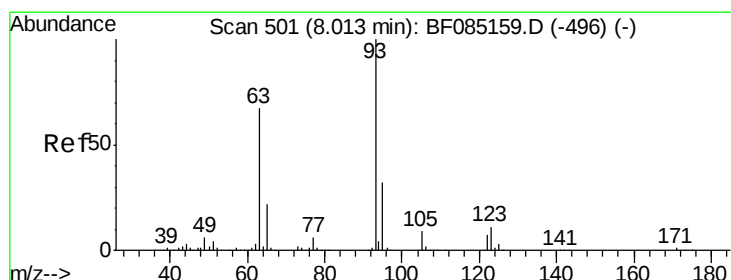
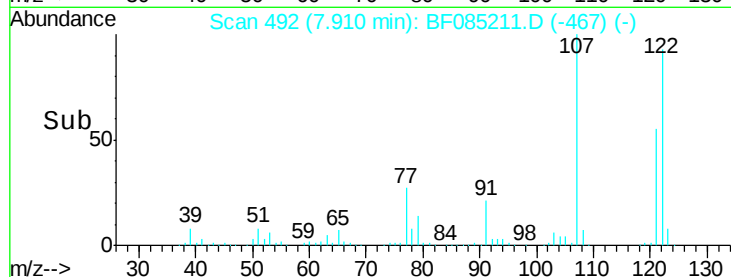
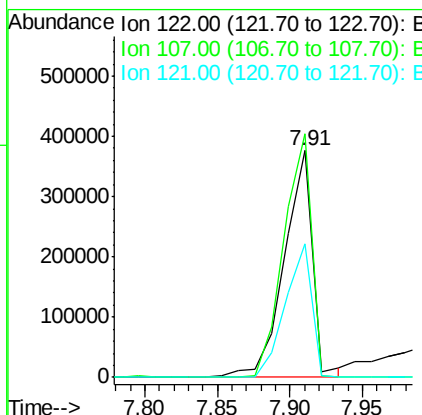
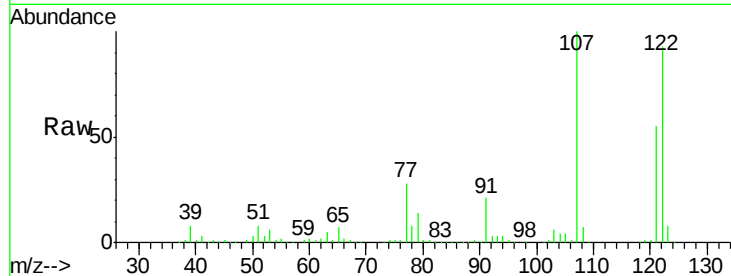
#27
2,4-Dimethylphenol
Concen: 43.28 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampled :
PB88680BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	506171		
107	107.4	84.8	127.2	
121	59.0	47.0	70.6	

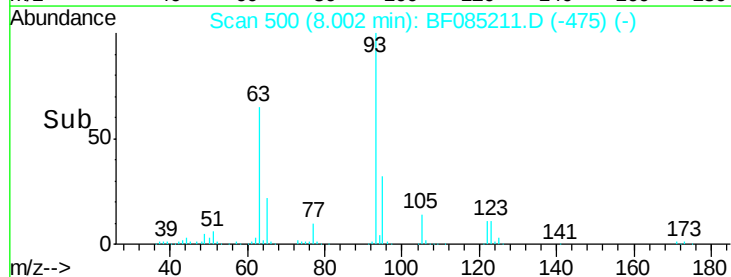
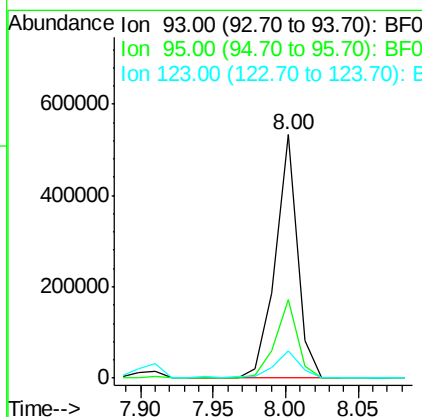
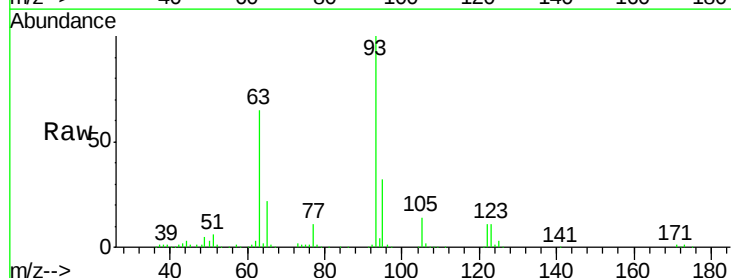
Manual Integrations
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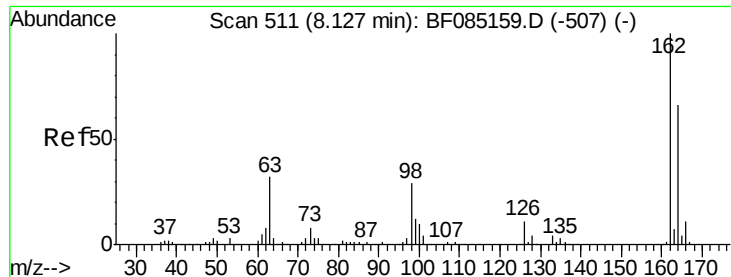
UMANGI
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#28
bis(2-Chloroethoxy)methane
Concen: 42.30 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	565128		
95	32.3	25.9	38.9	
123	11.4	8.8	13.2	





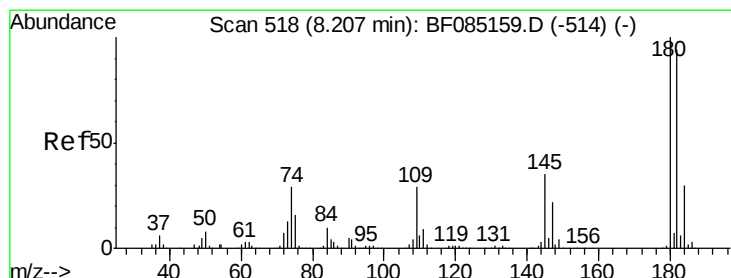
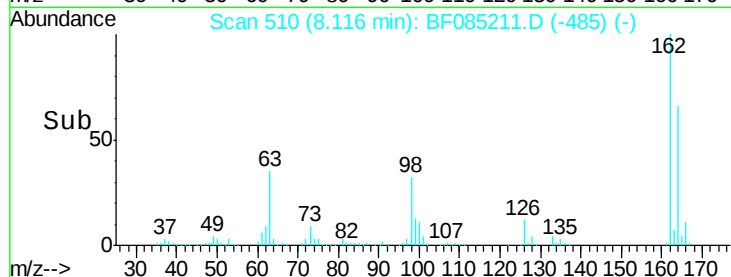
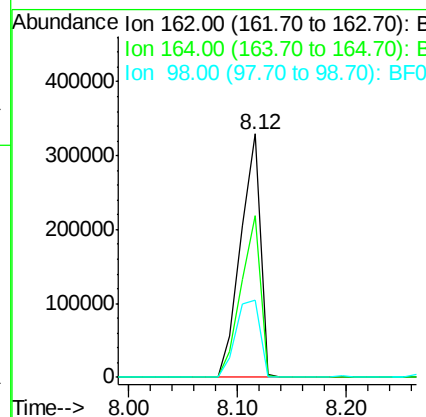
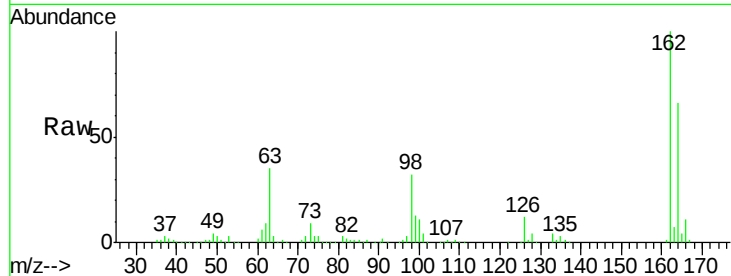
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410556		
164	66.2	45.7	85.7	
98	31.9	9.4	49.4	

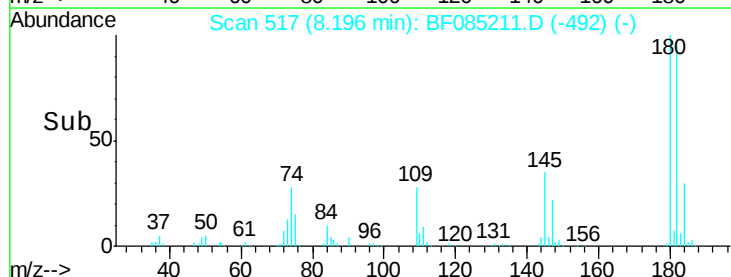
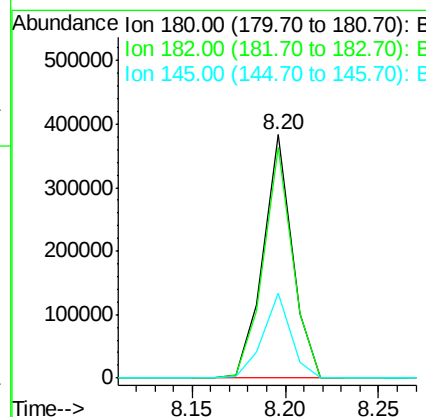
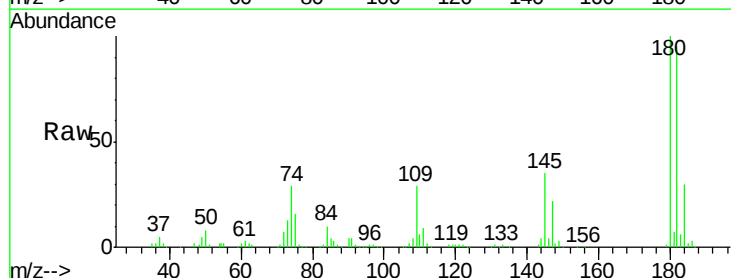
Manual Integrations
 APPROVED

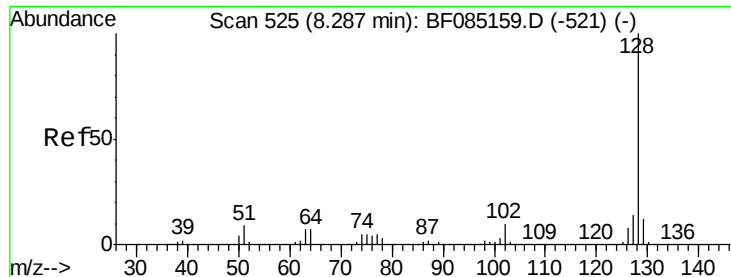
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.75 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	415505		
182	94.7	74.9	112.3	
145	34.8	27.9	41.9	





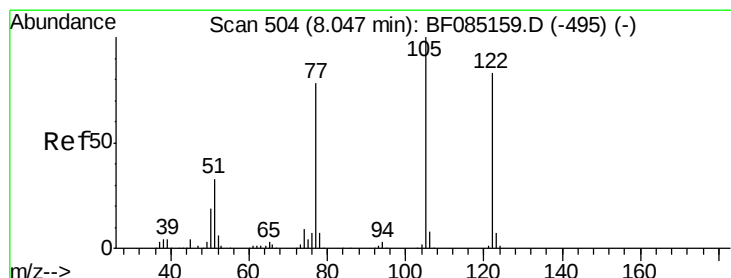
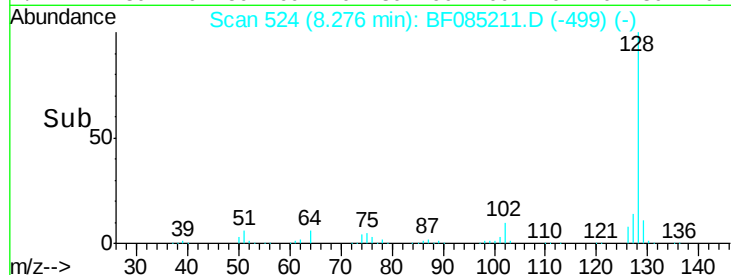
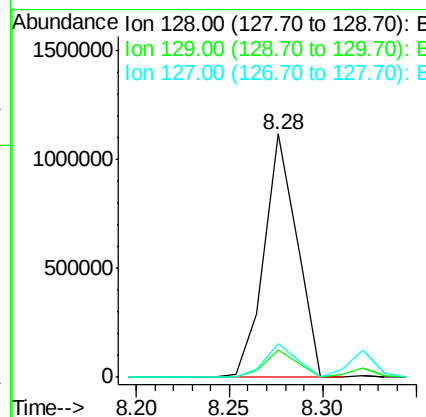
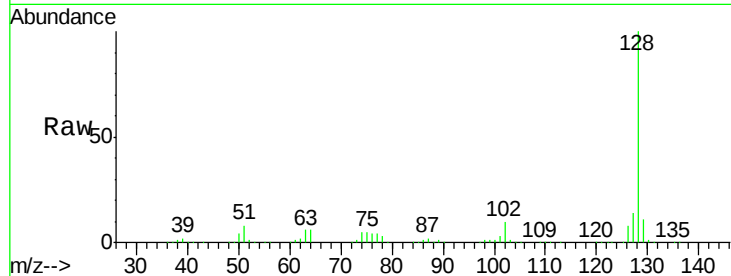
#31
Naphthalene
Concen: 39.97 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion:128 Resp: 1361585
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.6 11.2 16.8

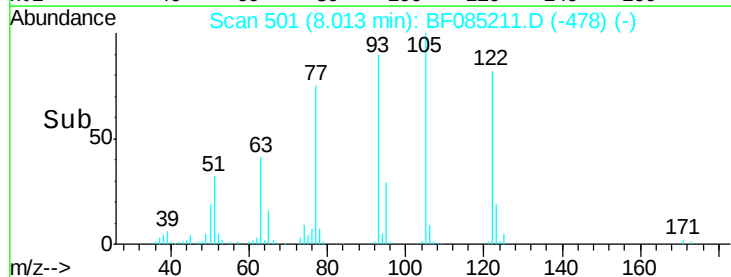
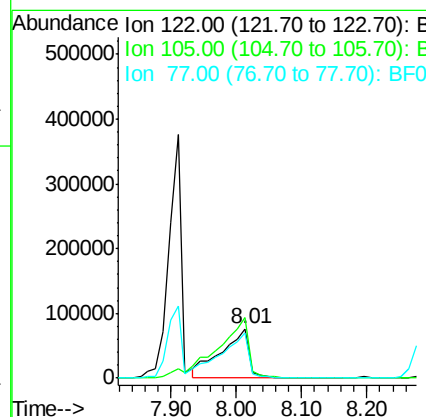
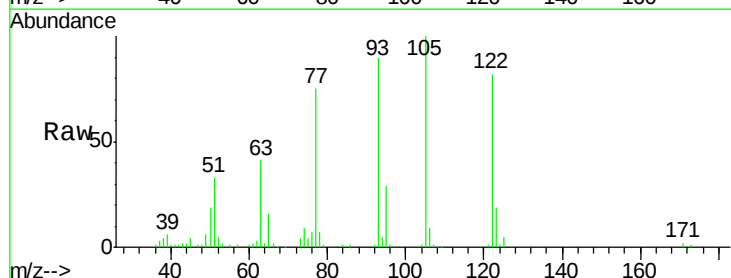
Manual Integrations
APPROVED

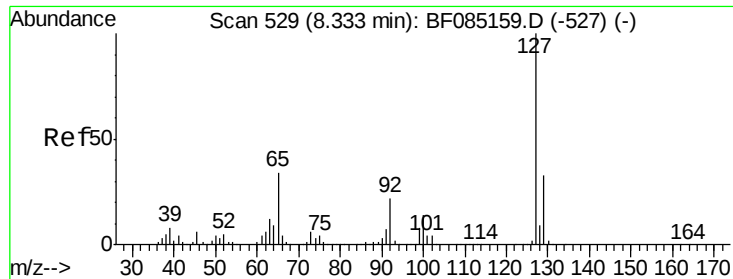
UMANGI
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#32
Benzoic acid
Concen: 29.52 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion:122 Resp: 229346
Ion Ratio Lower Upper
122 100
105 121.5 101.3 141.3
77 91.4 74.7 114.7





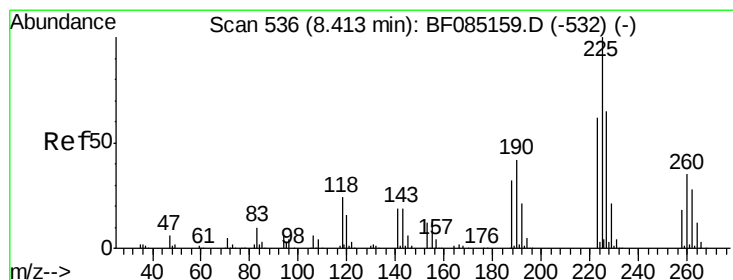
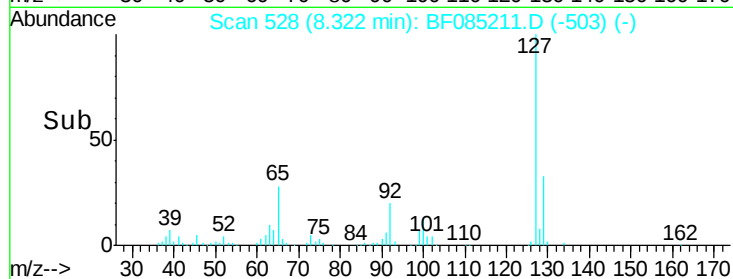
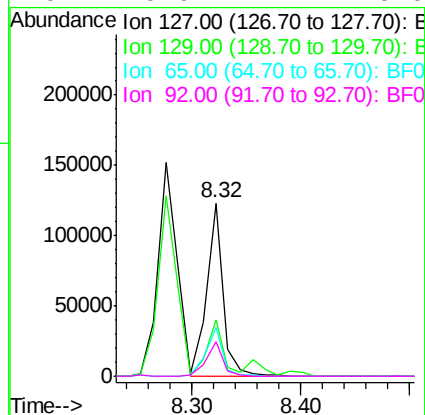
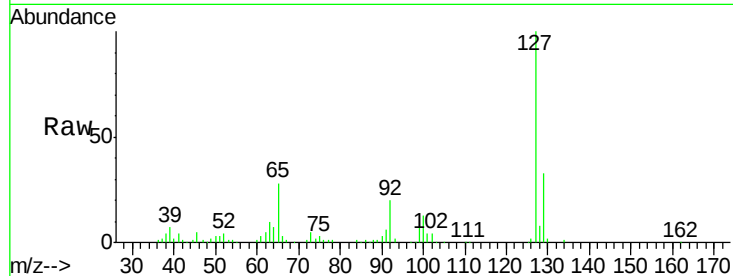
#33
4-Chloroaniline
Concen: 9.43 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	28.2	27.0	40.6		
92	19.9	17.4	26.0		

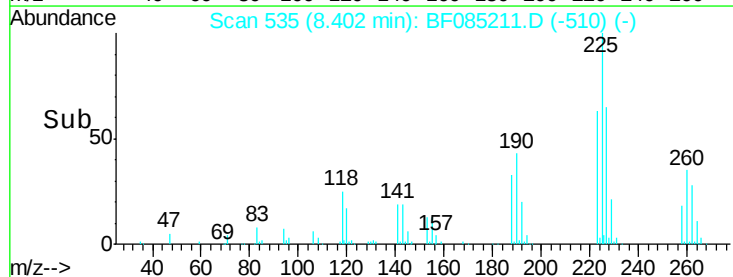
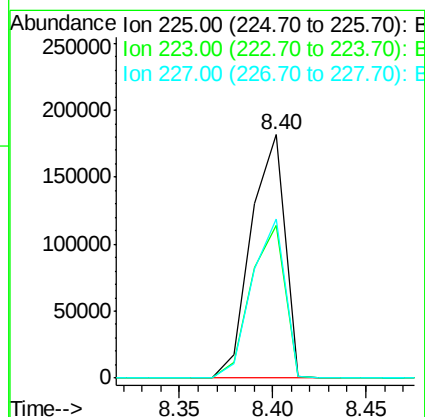
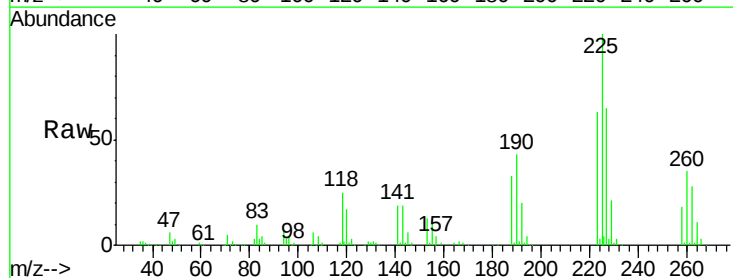
Manual Integrations
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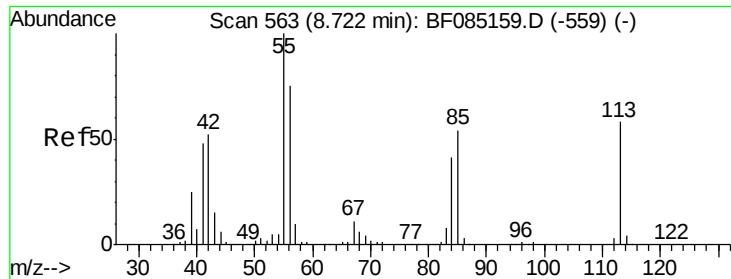
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#34
Hexachlorobutadiene
Concen: 42.80 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.7	74.5		
227	65.4	52.2	78.4		





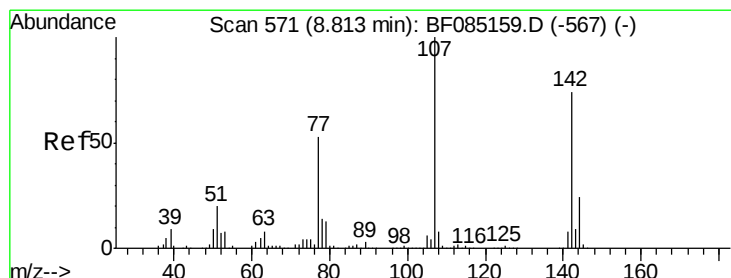
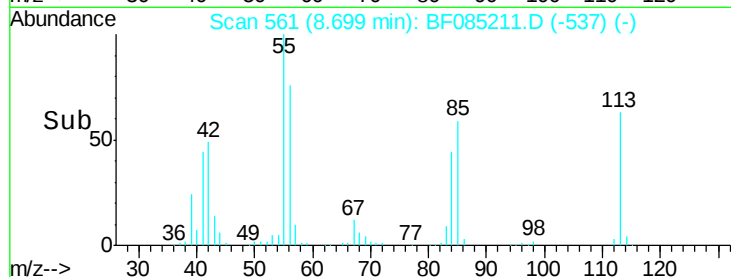
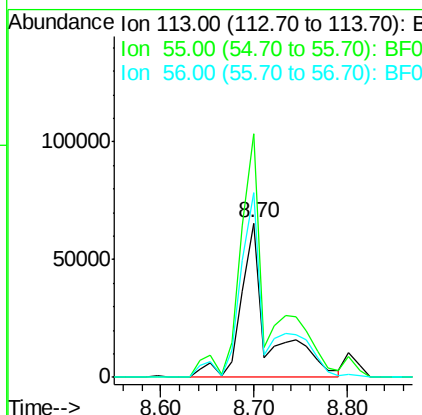
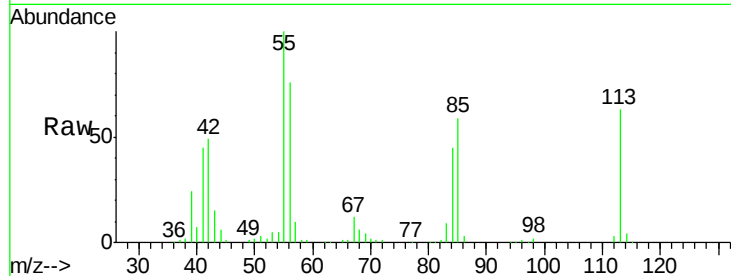
#35
Caprolactam
Concen: 44.19 ng/ml
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.9	152.7	192.7
56	119.5	109.0	149.0

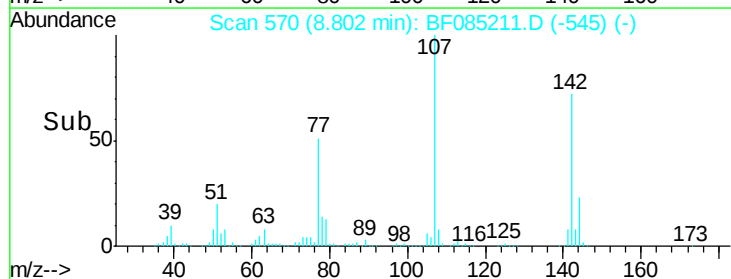
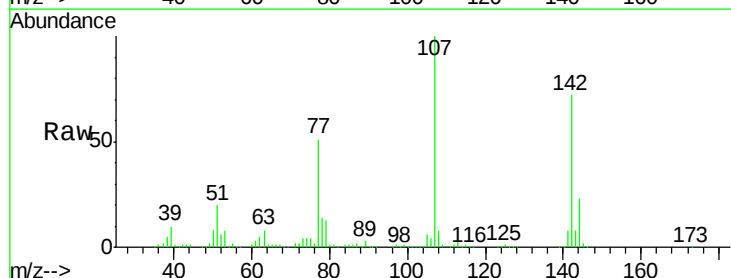
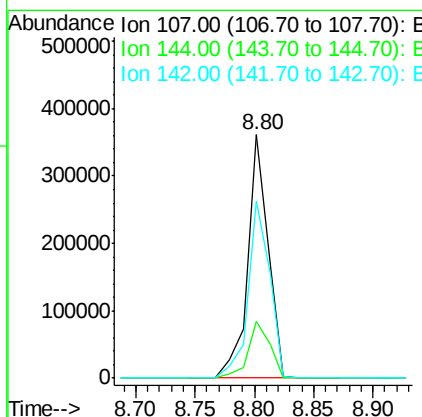
Manual Integrations
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#36
4-Chloro-3-methylphenol
Concen: 40.55 ng/ml
RT: 8.80 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.4	29.2
142	72.5	59.4	89.2





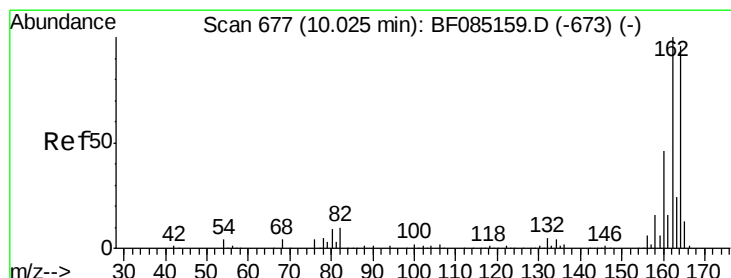
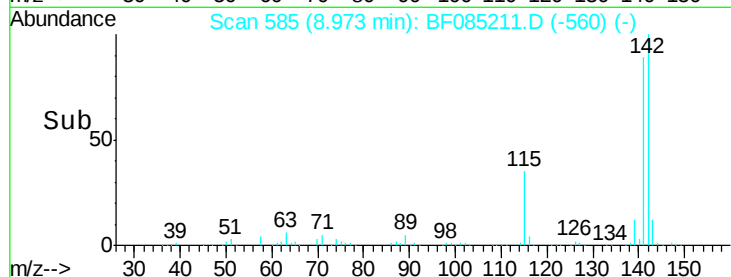
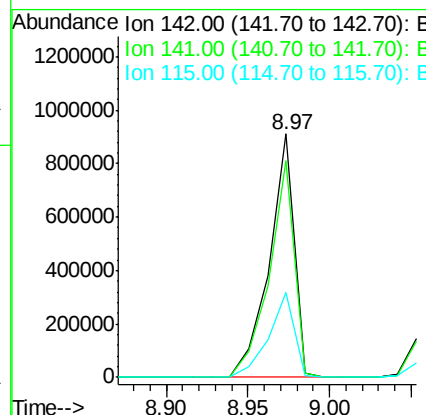
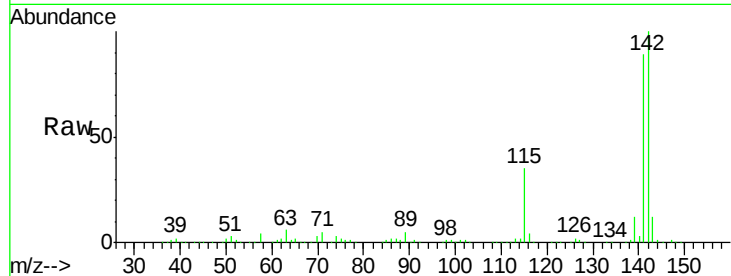
#37
2-Methylnaphthalene
Concen: 44.55 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	34.7	26.2	39.4

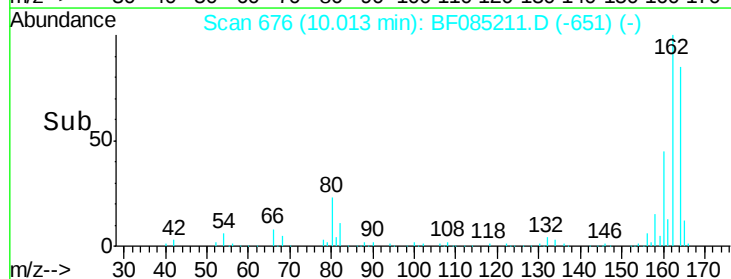
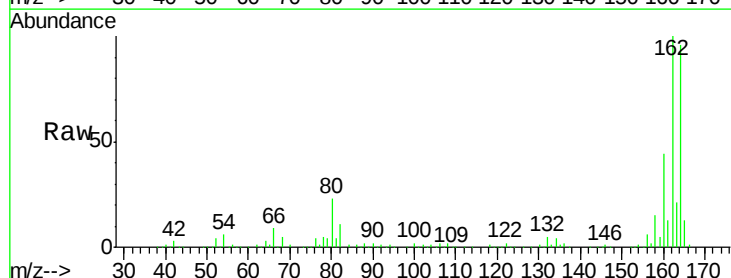
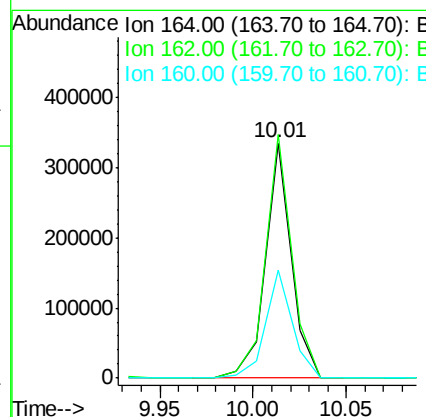
Manual Integrations
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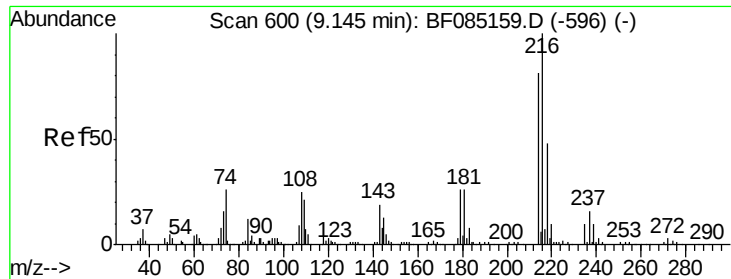
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.3	124.9
160	45.9	37.9	56.9





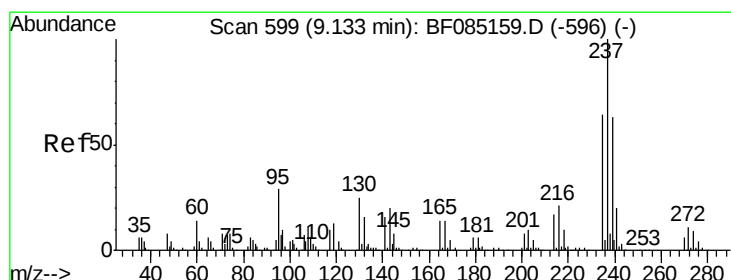
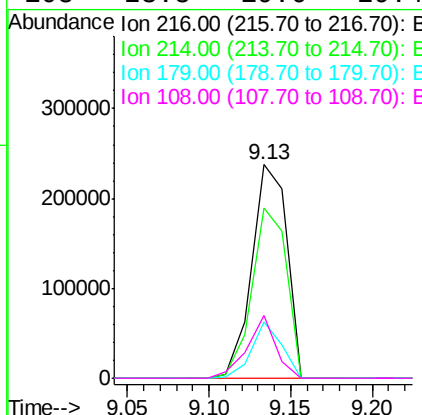
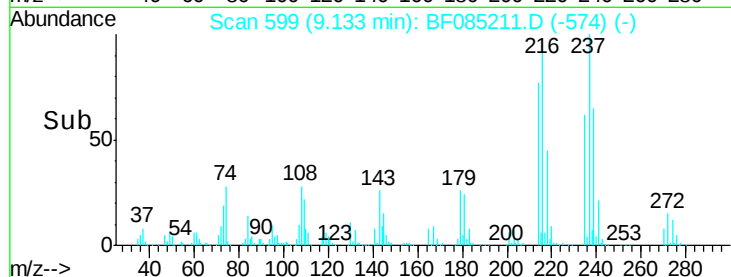
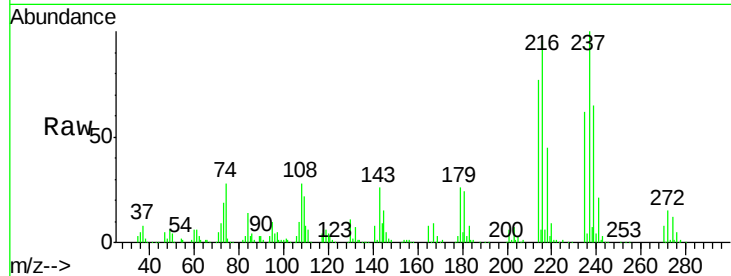
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.67 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		353287		
214	78.9	63.8	95.6		
179	22.9	19.6	29.4		
108	23.8	19.6	29.4		

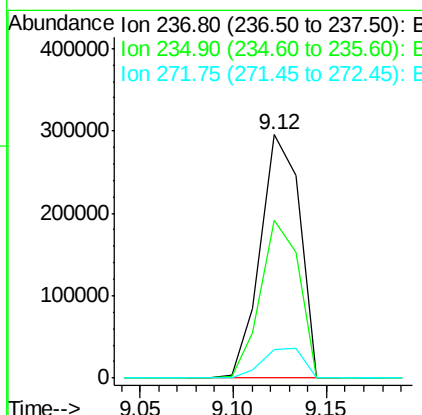
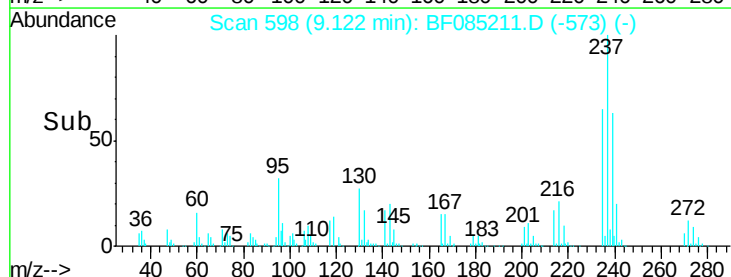
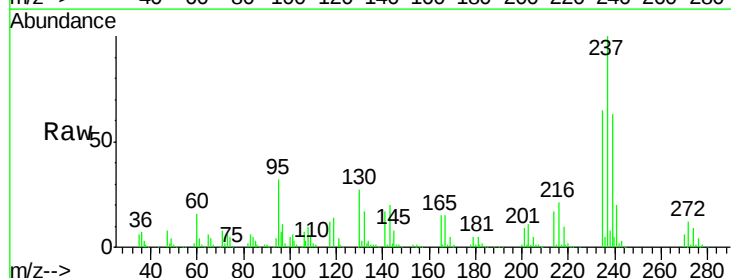
Manual Integrations
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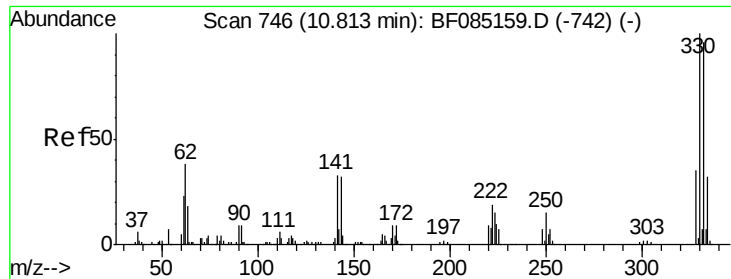
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#40
 Hexachlorocyclopentadiene
 Concen: 87.74 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		432349		
235	65.0	43.7	83.7		
272	11.5	0.0	31.5		





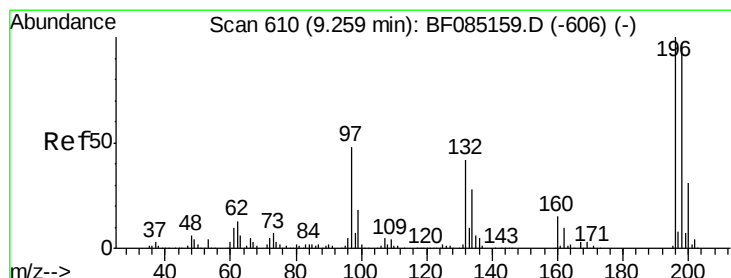
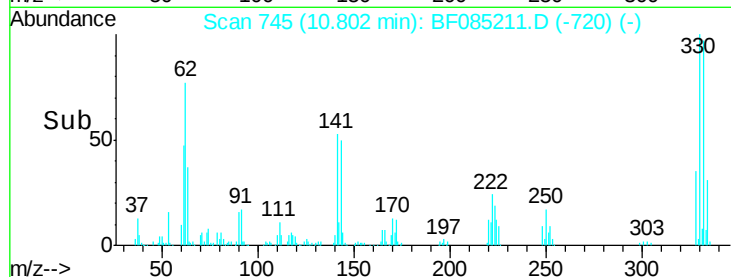
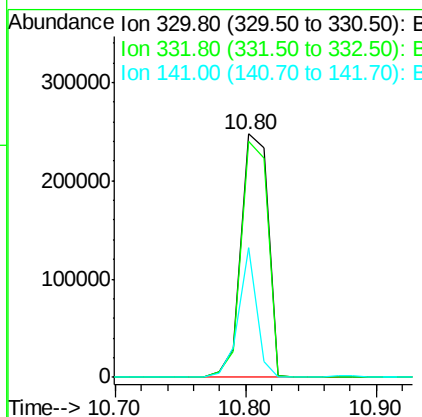
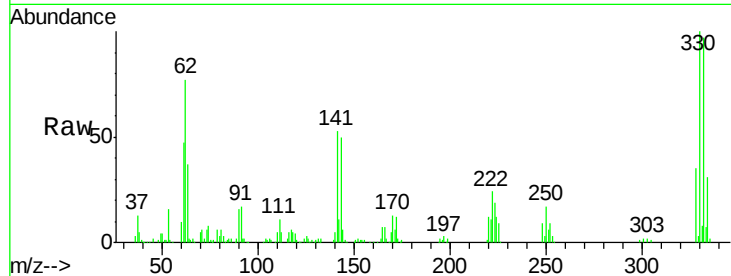
#41
 2,4,6-Tribromophenol
 Concen: 130.31 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	356189		
332	95.8	77.1	115.7	
141	35.5	35.0	52.6	

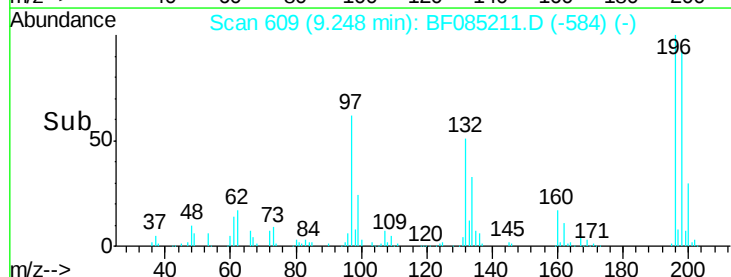
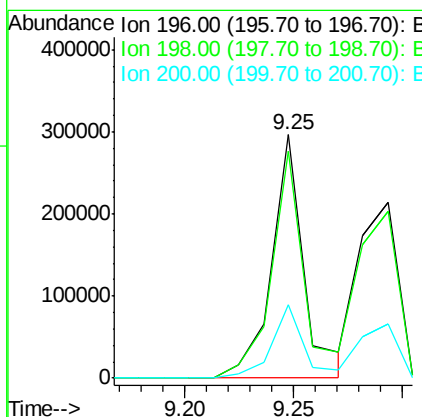
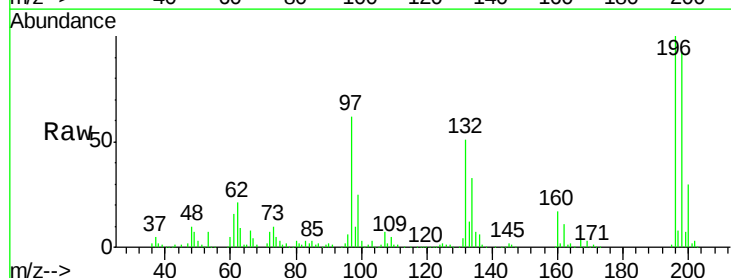
Manual Integrations
 APPROVED

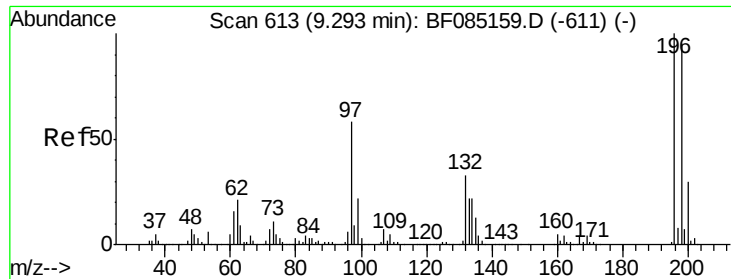
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#42
 2,4,6-Trichlorophenol
 Concen: 45.49 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309399		
198	93.3	77.8	116.6	
200	30.2	25.0	37.6	





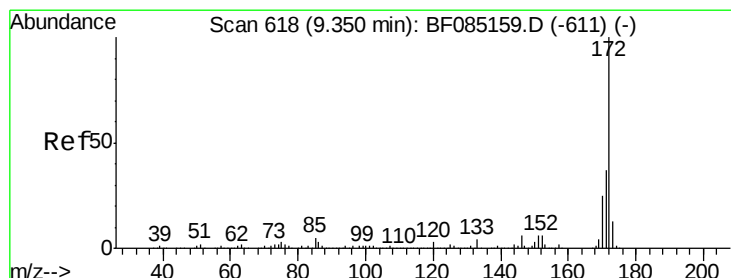
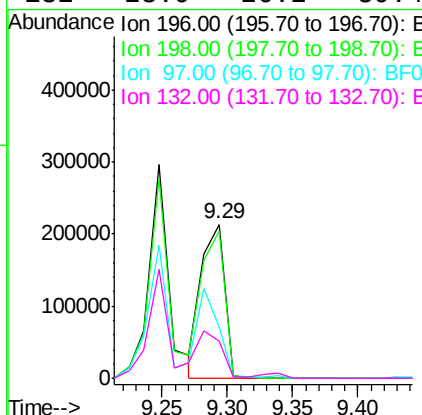
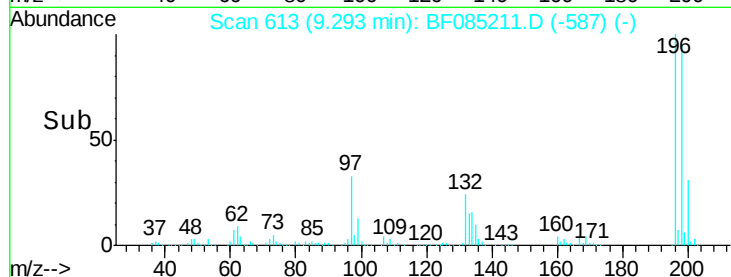
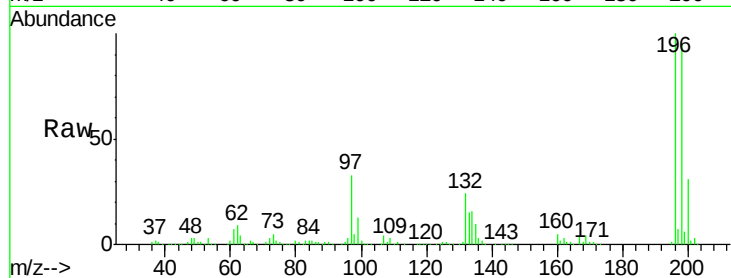
#43
 2,4,5-Trichlorophenol
 Concen: 41.77 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		269315		
198	95.4	75.7	113.5		
97	33.2	46.4	69.6#		
132	23.9	26.2	39.4#		

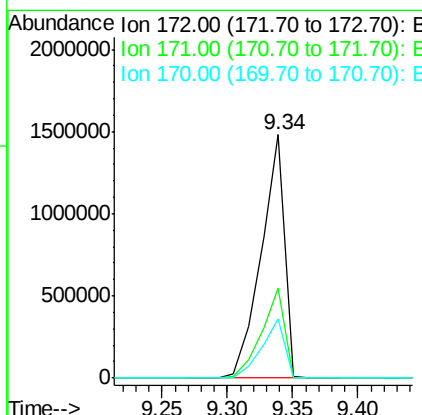
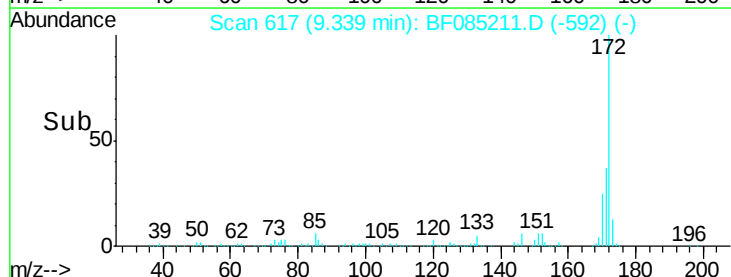
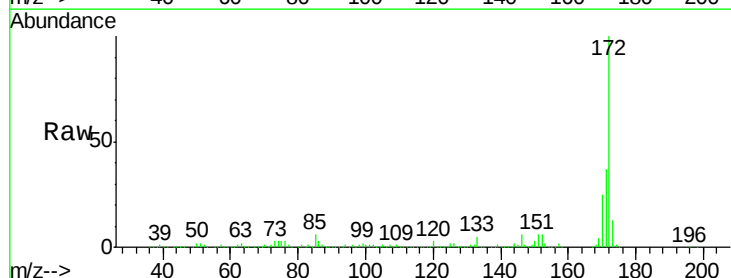
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#44
 2-Fluorobiphenyl
 Concen: 88.04 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1849362		
171	36.8	29.3	43.9		
170	24.6	20.0	30.0		





#45

1,1'-Biphenyl

Concen: 39.36 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88680BS

Tot Ion:154 Resp: 1074352

Ion Ratio Lower Upper

154 100

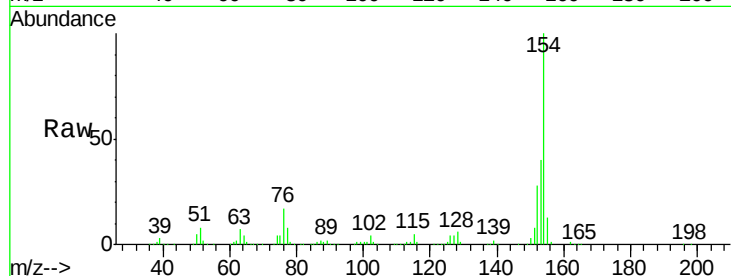
153 40.2 21.4 61.4

76 17.2 0.0 37.5

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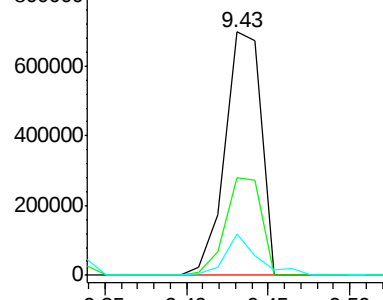
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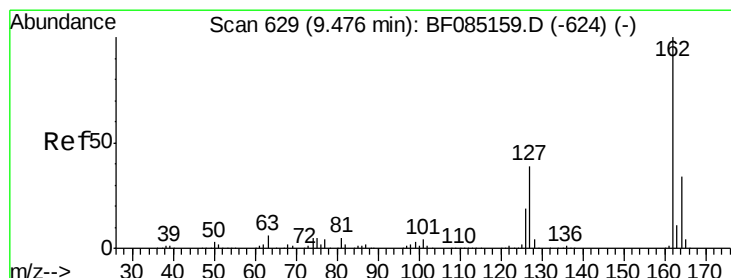
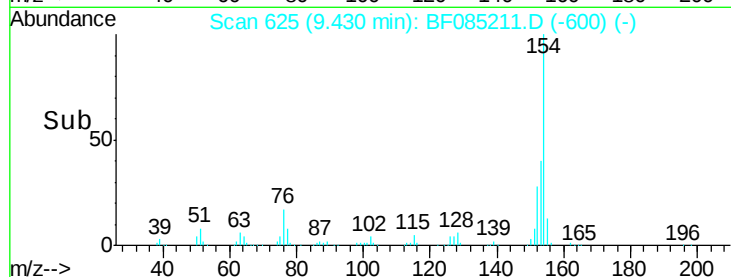
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 42.07 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

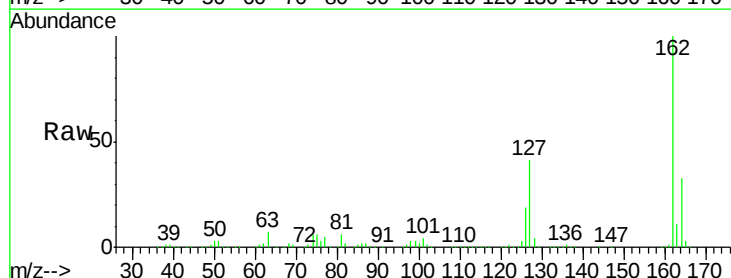
Tgt Ion:162 Resp: 875195

Ion Ratio Lower Upper

162 100

127 41.3 31.6 47.4

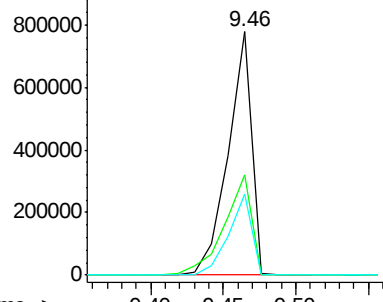
164 33.1 27.1 40.7



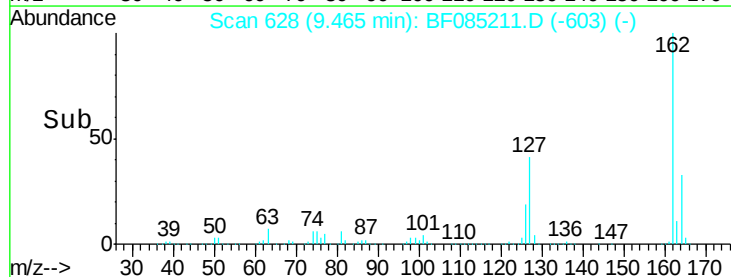
Abundance Ion 162.00 (161.70 to 162.70): E

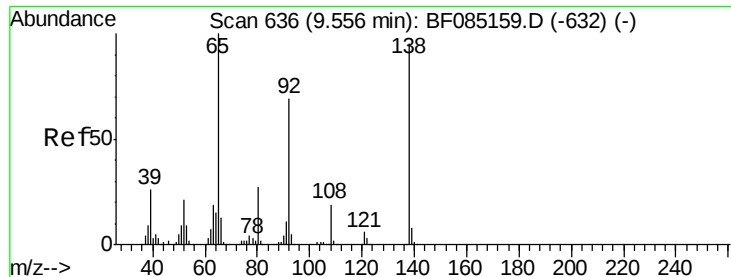
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 43.68 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

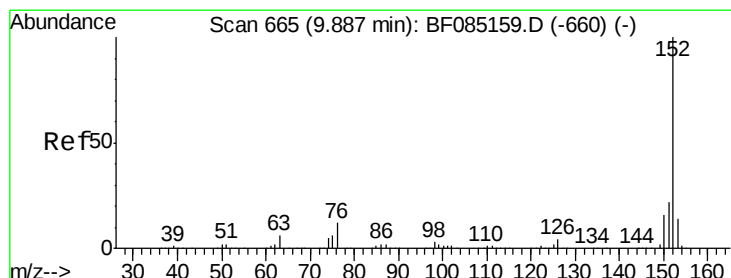
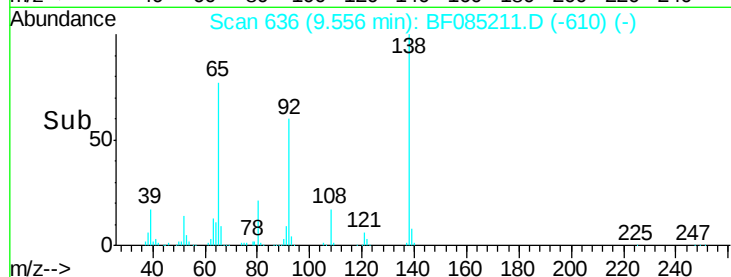
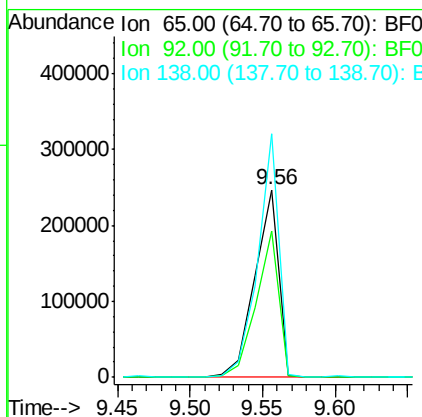
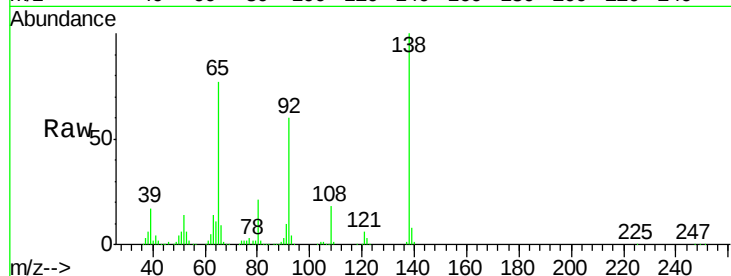
ClientSampleId :

PB88680BS

Tot Ion:	65	Resp:	281566
Ion Ratio	Lower	Upper	
65	100		
92	78.0	55.4	83.2
138	129.6	75.7	113.5#

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#48

Acenaphthylene

Concen: 39.08 ng

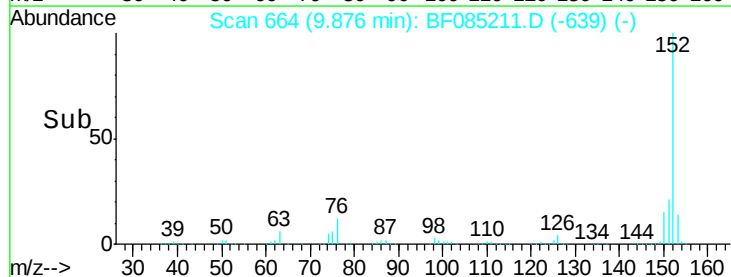
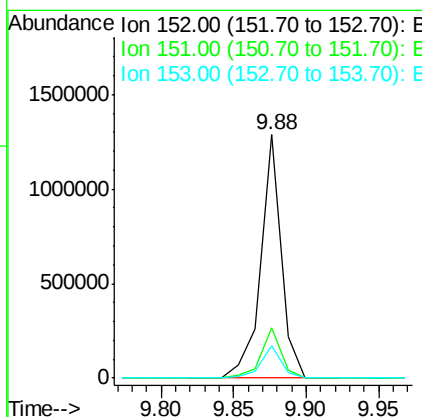
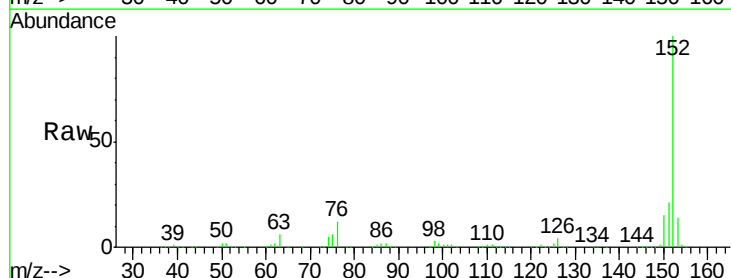
RT: 9.88 min Scan# 664

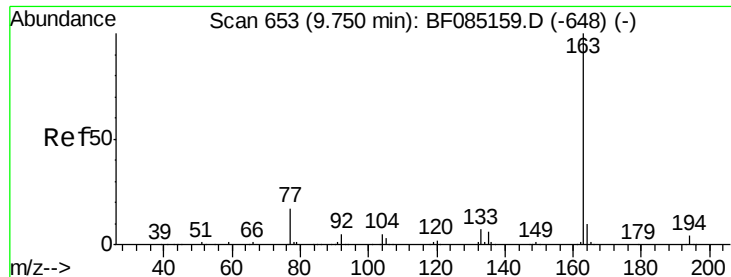
Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion:	152	Resp:	1265383
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.5	26.3
153	13.6	11.3	16.9





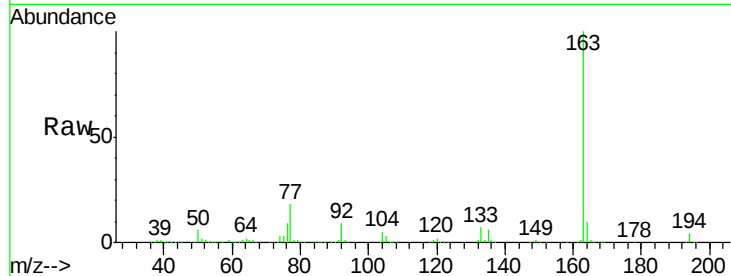
#49
Dimethylphthalate
Concen: 41.24 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

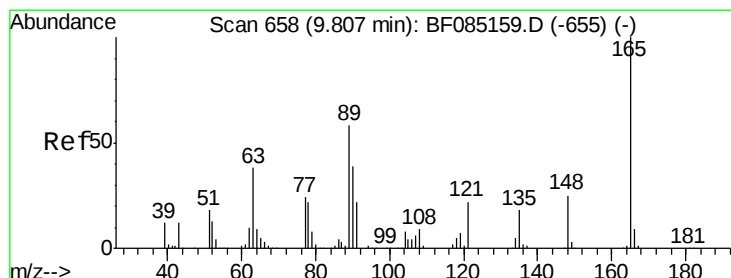
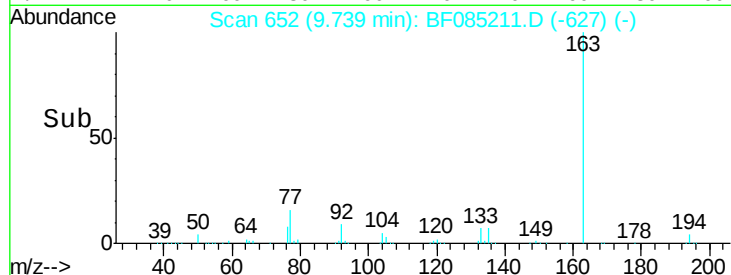
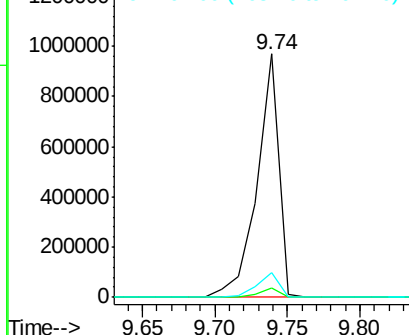
Tot Ion:163 Resp: 1011286
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4

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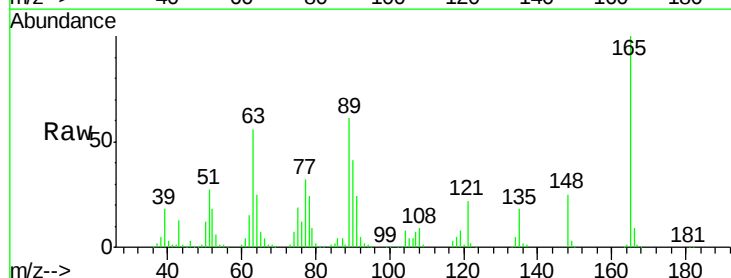


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

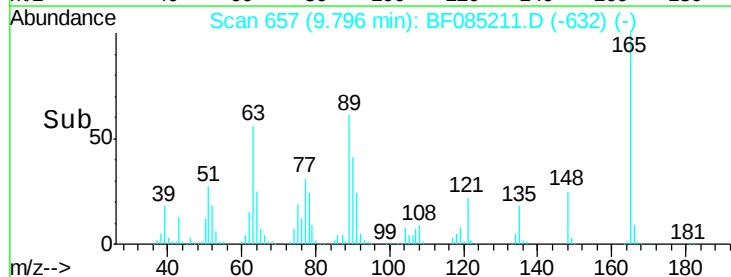
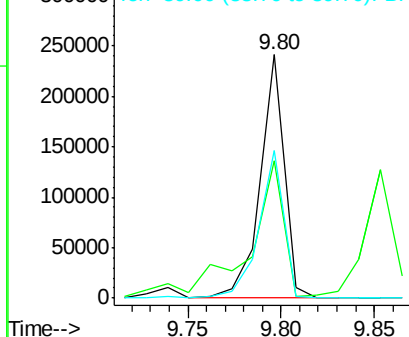


#50
2,6-Dinitrotoluene
Concen: 40.76 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion:165 Resp: 213782
Ion Ratio Lower Upper
165 100
63 56.5 41.8 62.8
89 60.8 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: 43.47 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

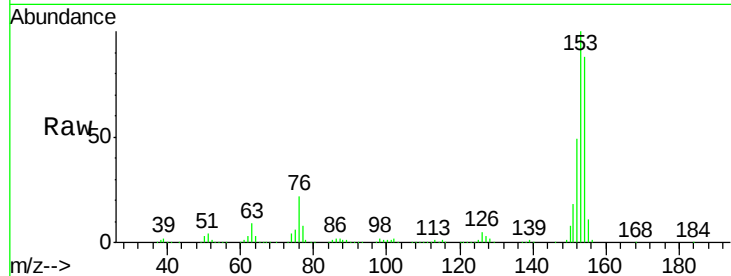
ClientSampleId :

PB88680BS

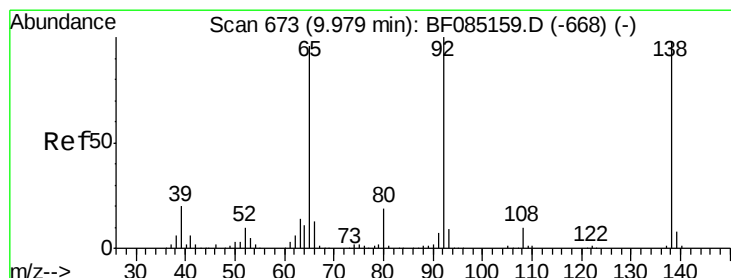
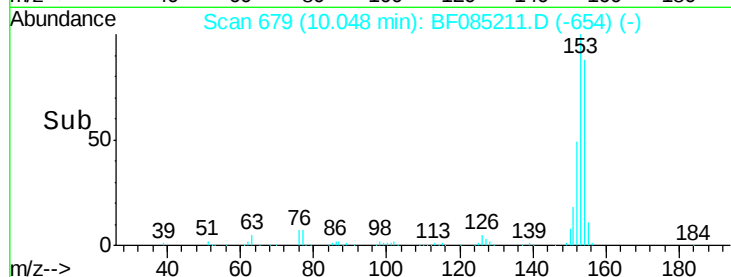
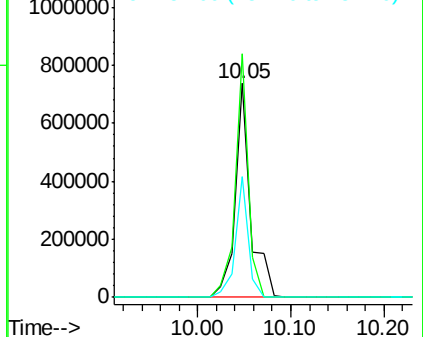
Tot Ion:	154	Resp:	854558
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.8	134.8
152	56.2	44.6	66.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.50 ng

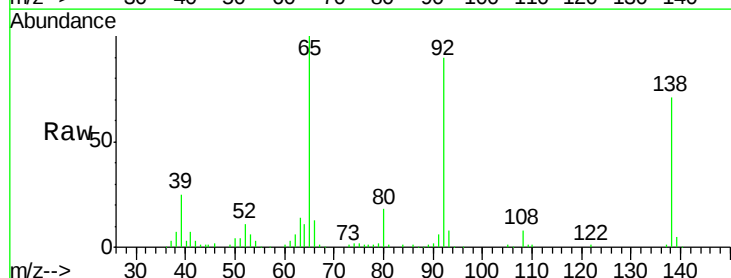
RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

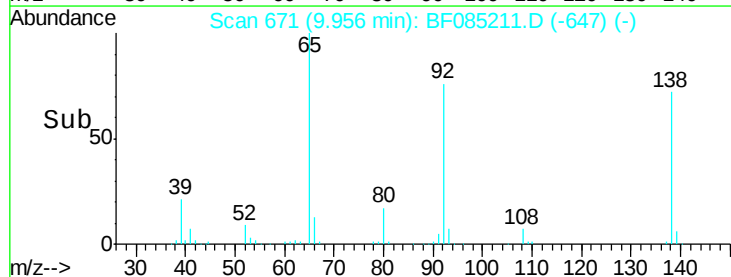
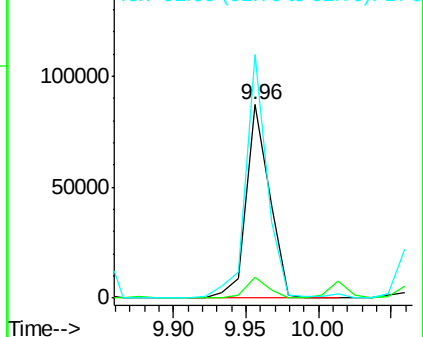
Lab File: BF085211.D

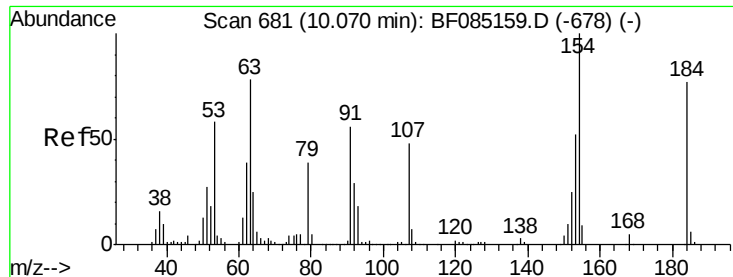
Acq: 4 Mar 2016 19:14

Tgt Ion:	138	Resp:	97246
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	125.9	81.3	121.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





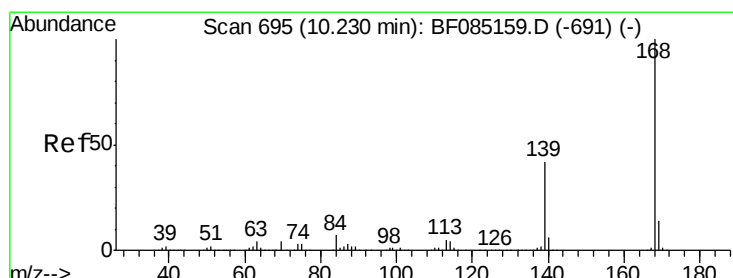
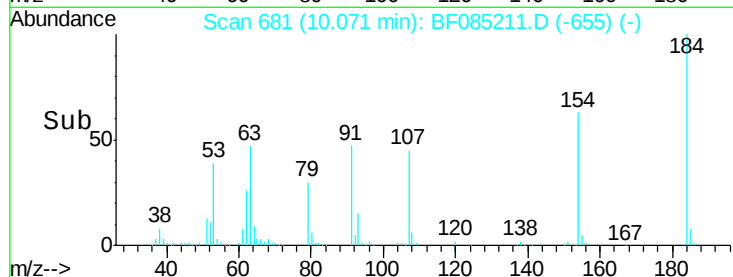
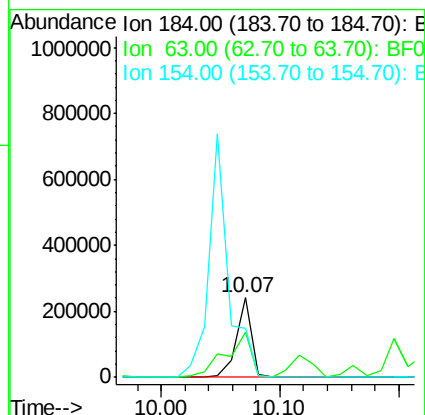
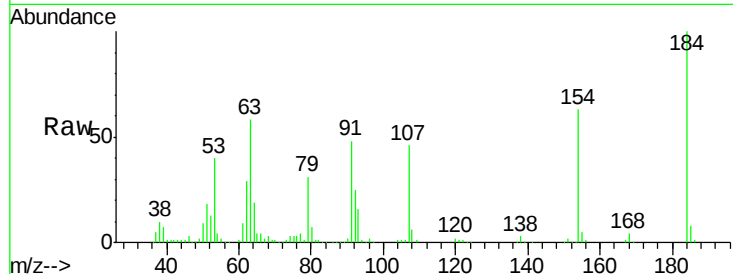
#53
2,4-Dinitrophenol
Concen: 79.69 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.9	82.2	123.4#
154	62.8	108.9	163.3#

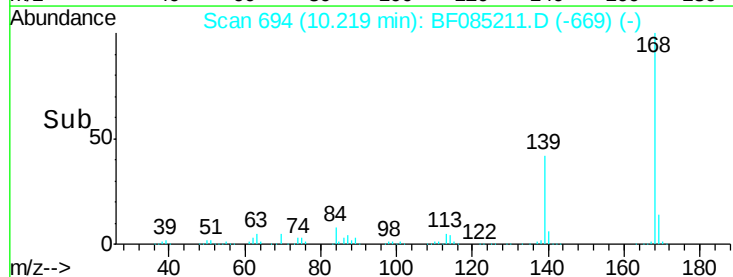
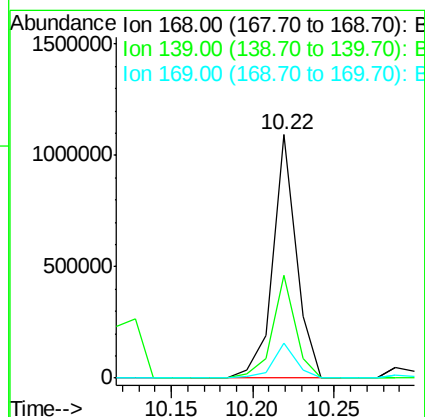
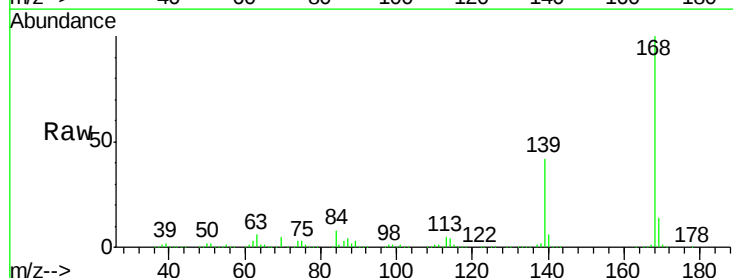
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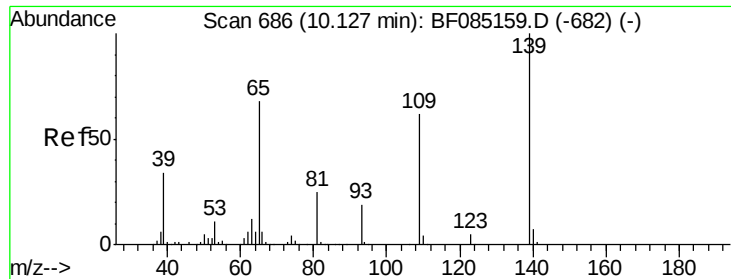
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#54
Dibenzofuran
Concen: 42.74 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.6	50.4
169	14.1	11.2	16.8





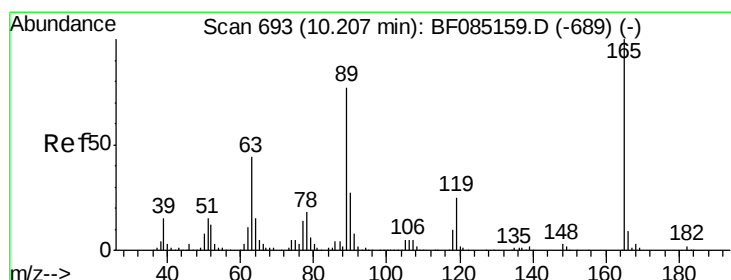
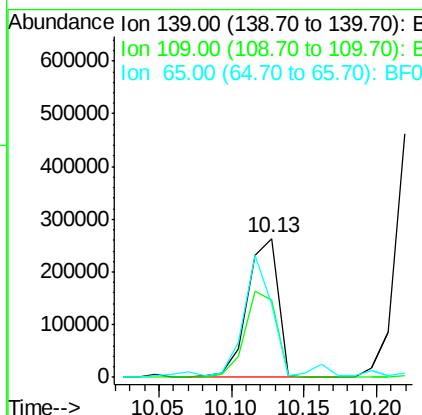
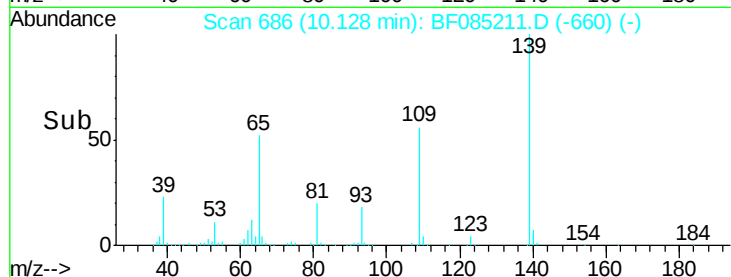
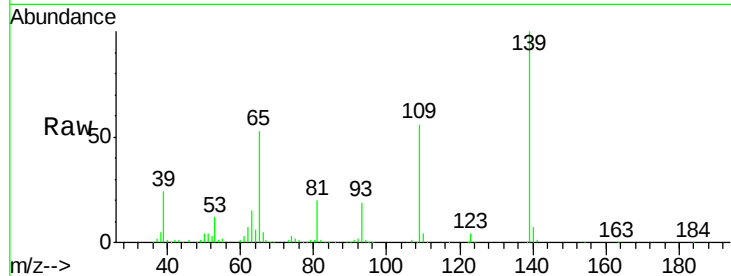
#55
4-Nitrophenol
Concen: 78.21 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.8	41.9	81.9	
65	52.6	48.3	88.3	

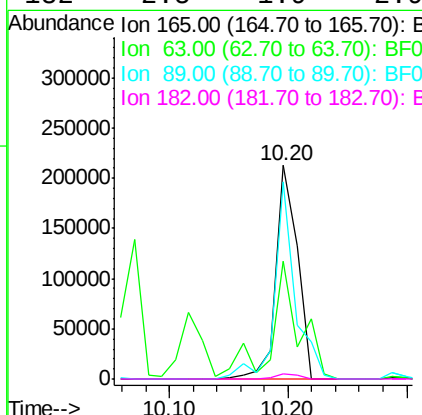
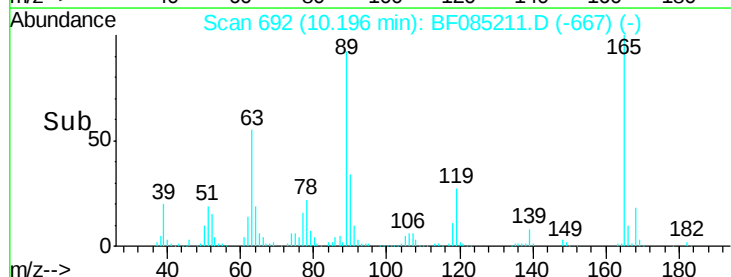
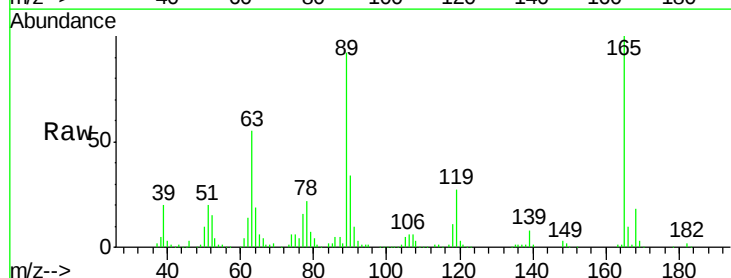
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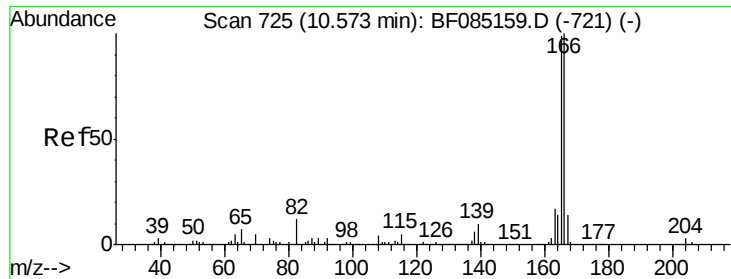
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#56
2,4-Dinitrotoluene
Concen: 39.55 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.1	35.4	53.0#	
89	92.0	61.9	92.9	
182	2.5	1.9	2.9	





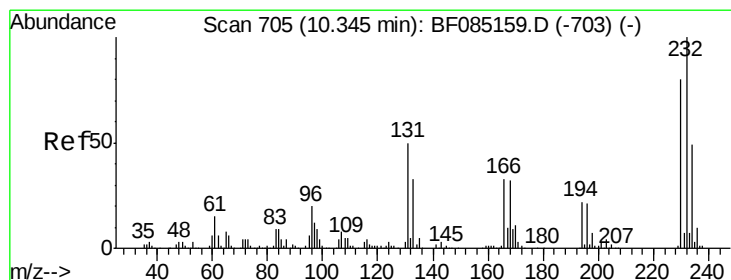
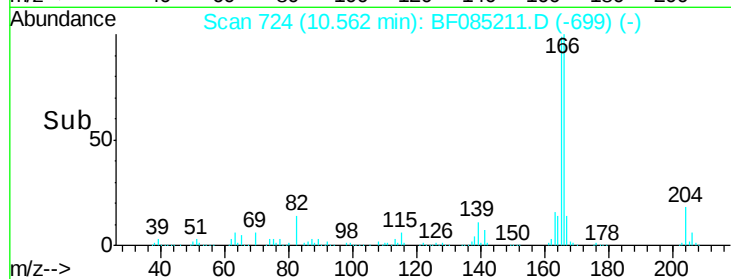
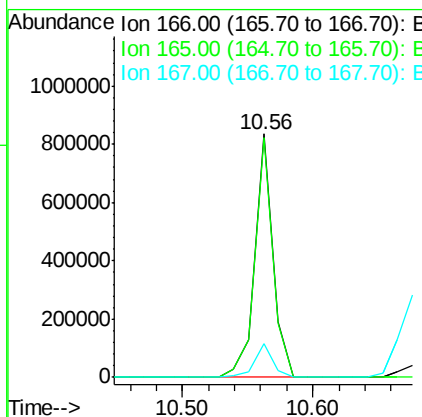
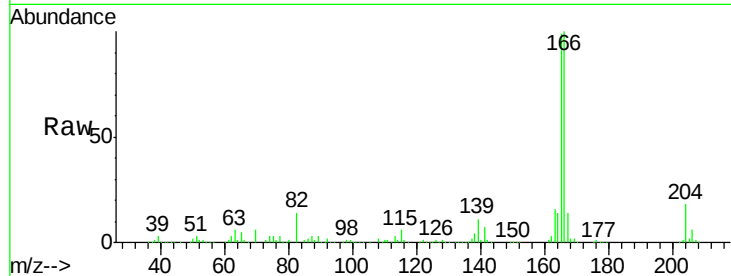
#57
Fluorene
Concen: 40.15 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	812386		
165	98.6	79.4	119.0	
167	13.8	11.0	16.6	

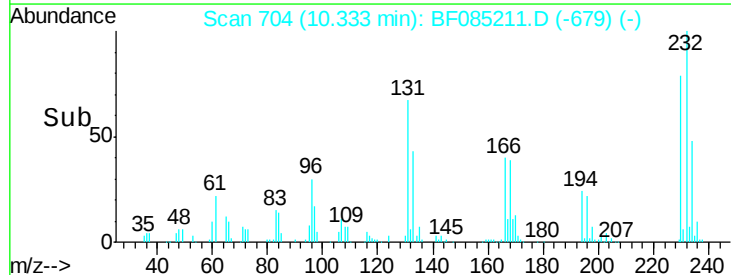
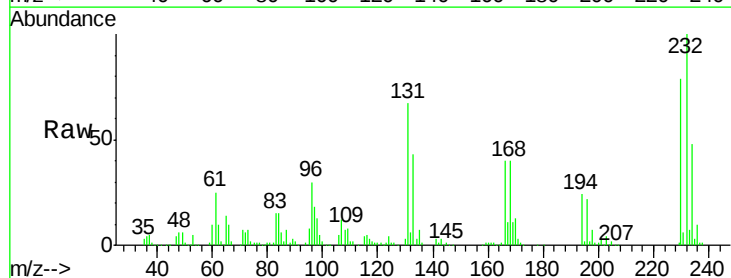
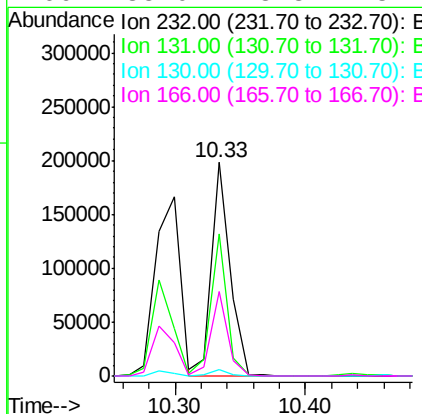
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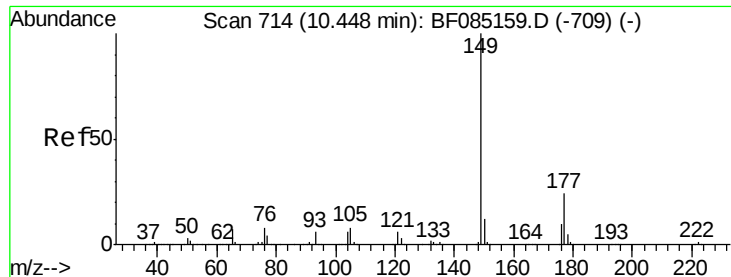
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#58
2,3,4,6-Tetrachlorophenol
Concen: 43.93 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	199009		
131	57.2	46.0	69.0	
130	2.8	2.2	3.4	
166	35.0	28.8	43.2	





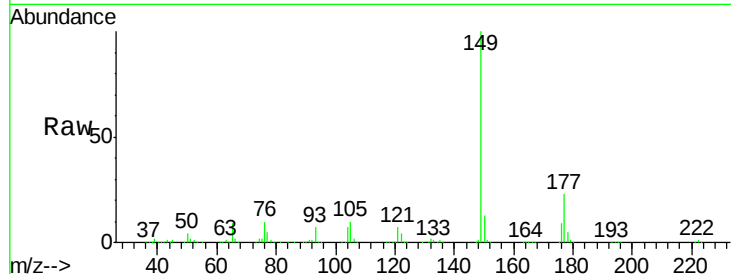
#59
Diethylphthalate
Concen: 39.77 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

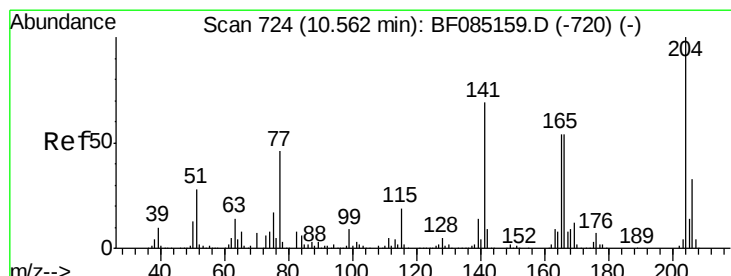
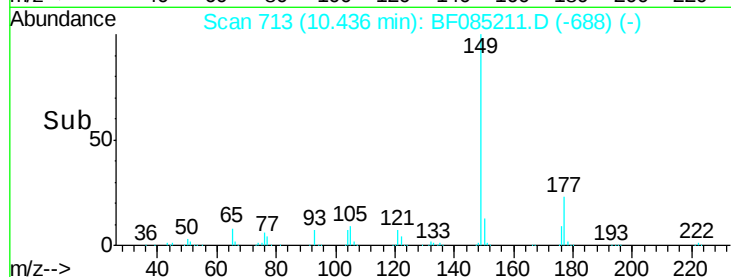
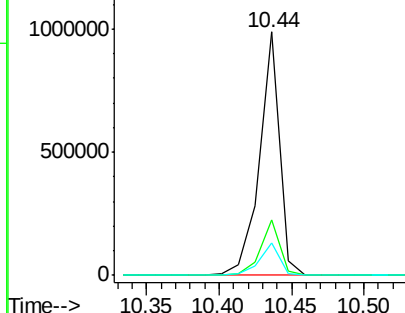
Tot Ion	Ratio	Resp	Lower	Upper
149	100	946332		
177	23.0	19.2	28.8	
150	13.1	9.9	14.9	

Manual Integrations
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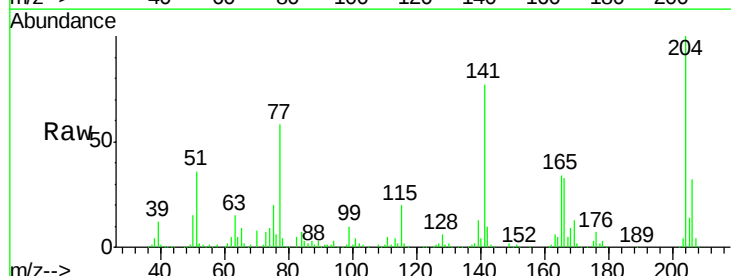


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

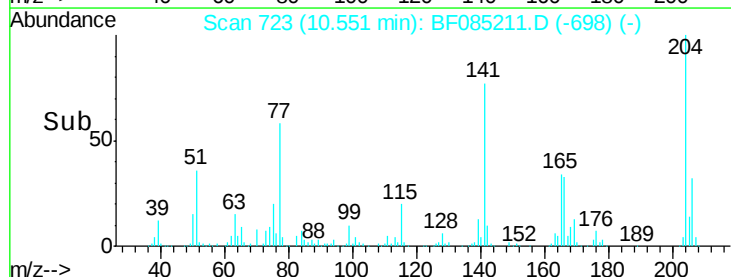
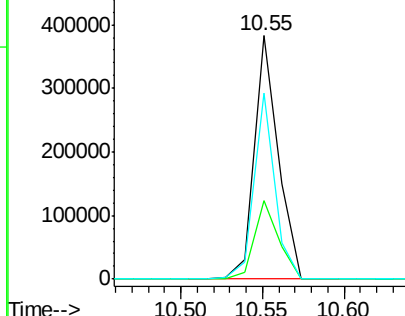


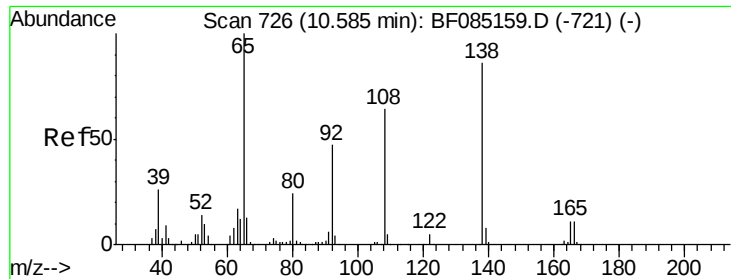
#60
4-Chlorophenyl-phenylether
Concen: 39.52 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	388992		
206	32.5	26.5	39.7	
141	76.6	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: 37.72 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

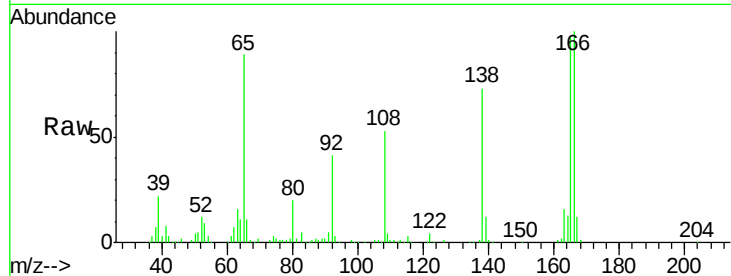
ClientSampleId :

PB88680BS

Tot Ion:	138	Resp:	221420
Ion Ratio	Lower	Upper	
138	100		
92	55.3	34.2	74.2
108	72.1	53.9	93.9

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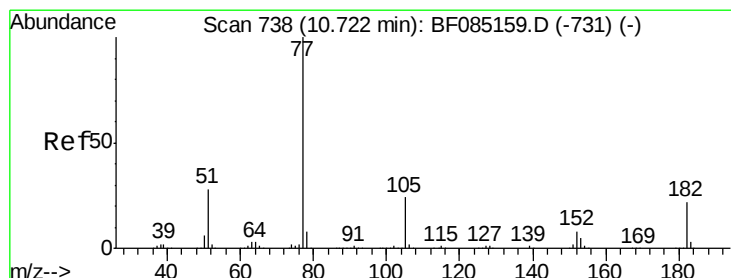
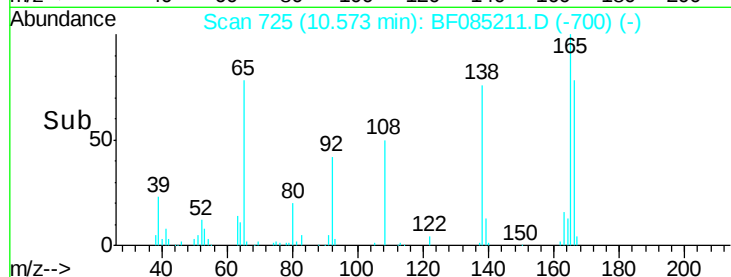
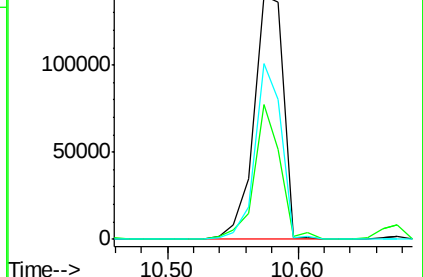
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.58 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

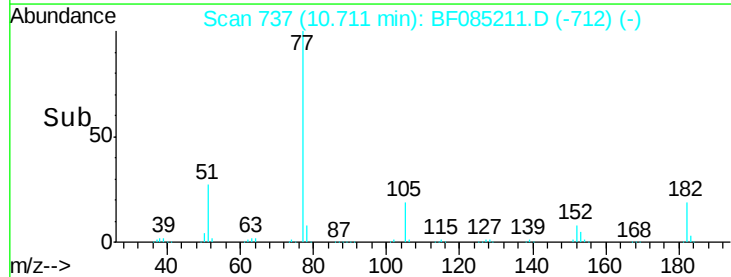
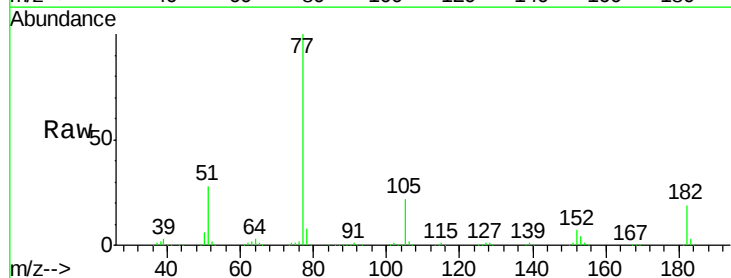
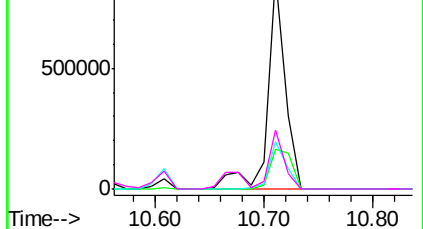
Tgt Ion:	77	Resp:	998125
Ion Ratio	Lower	Upper	
77	100		
182	18.8	2.1	42.1
105	22.5	3.8	43.8
51	27.9	7.8	47.8

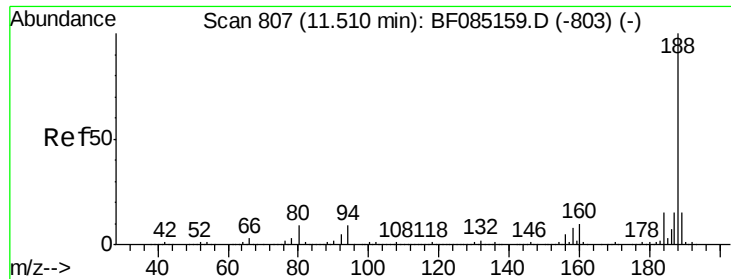
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





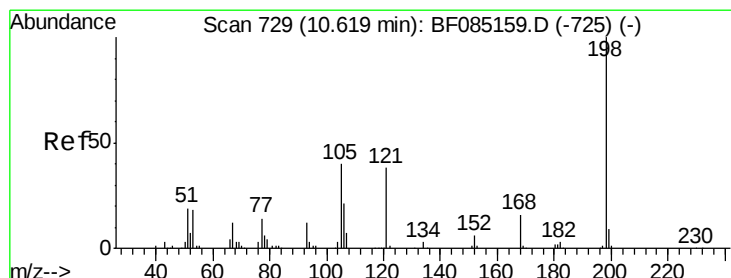
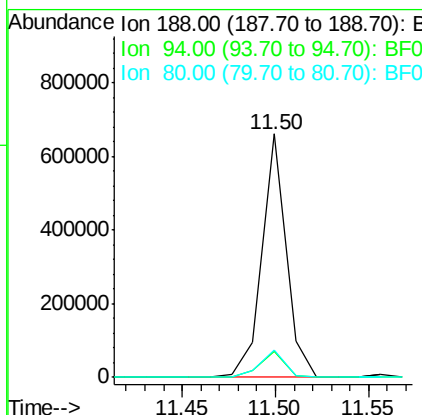
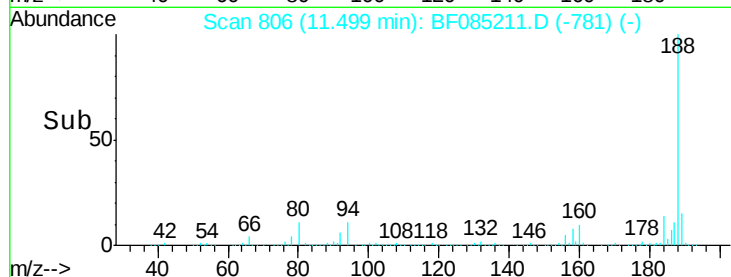
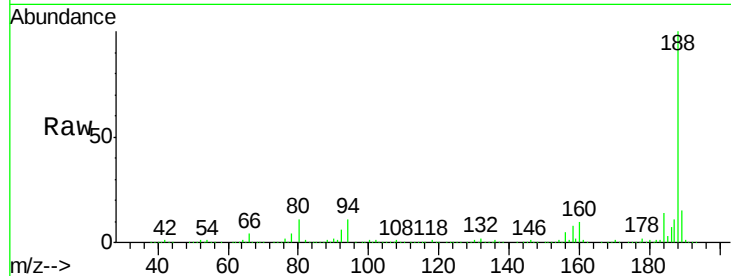
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	7.0	10.6#
80	11.4	7.4	11.0#

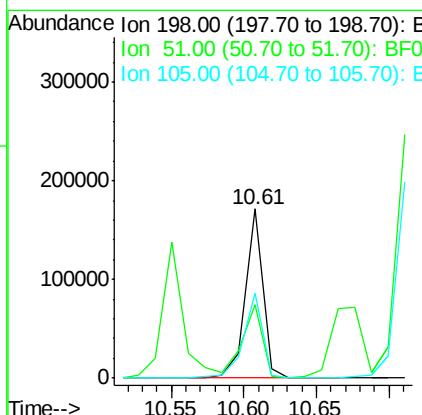
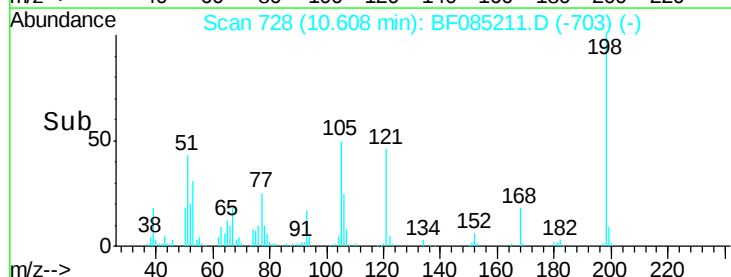
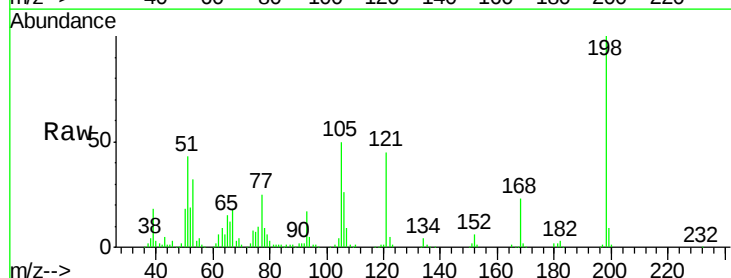
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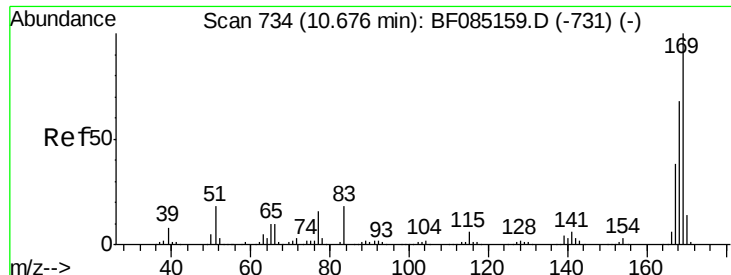
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.48 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.2	9.5	49.5
105	50.0	20.5	60.5





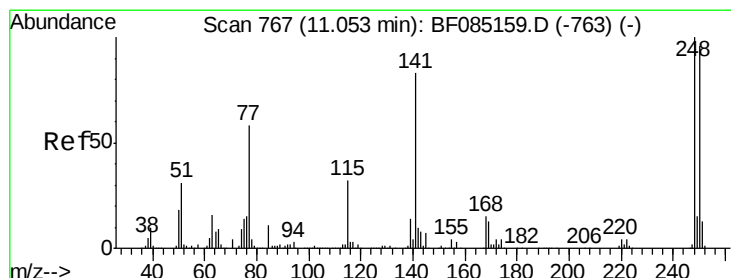
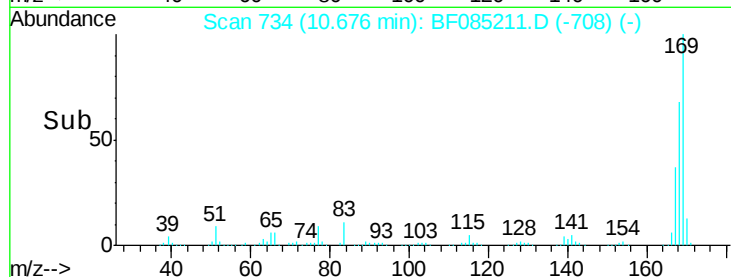
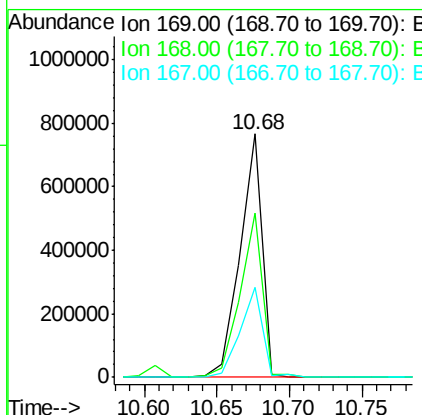
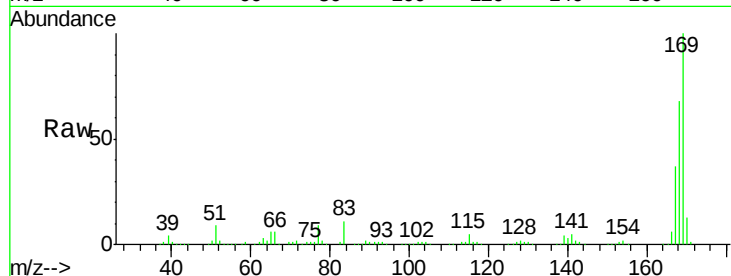
#65
 n-Nitrosodiphenylamine
 Concen: 43.89 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		806133		
168	67.6	54.8		82.2	
167	37.0	30.3		45.5	

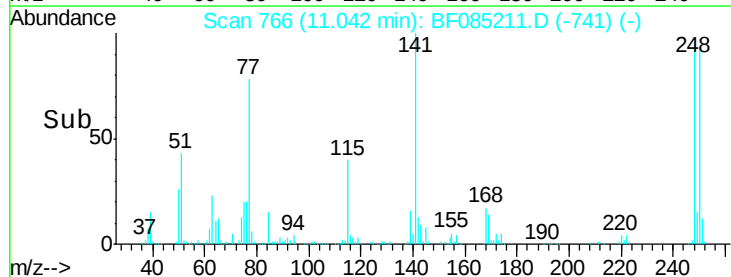
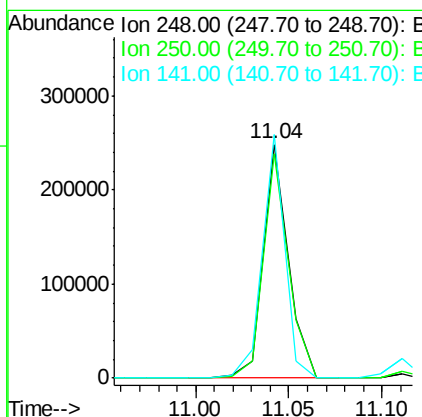
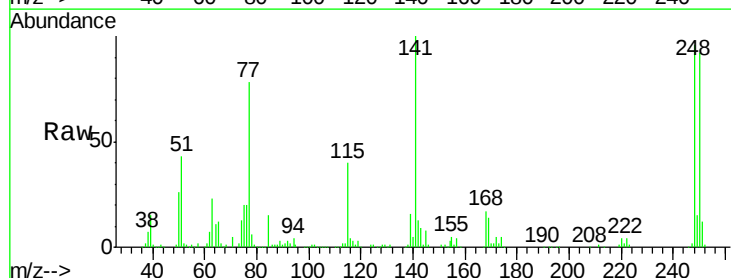
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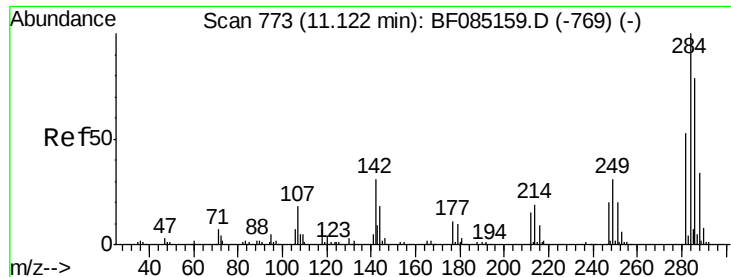
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#66
 4-Bromophenyl-phenylether
 Concen: 39.76 ng
 RT: 11.04 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		228005		
250	96.0	77.1		115.7	
141	104.3	66.2		99.2#	





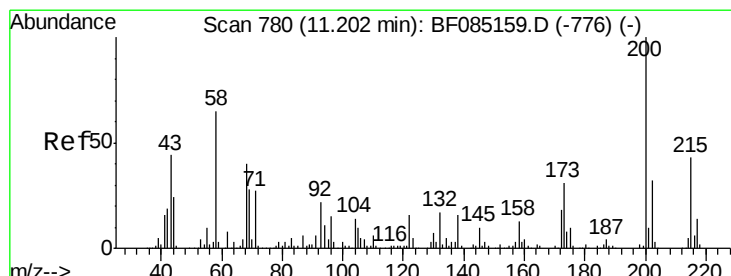
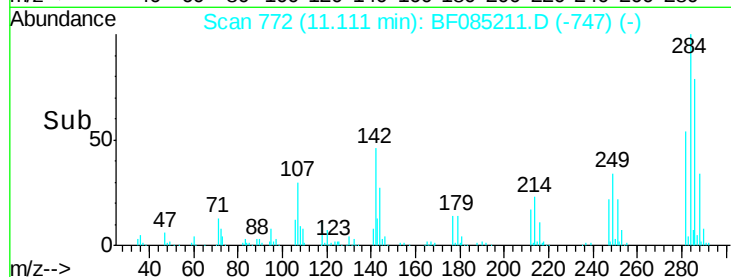
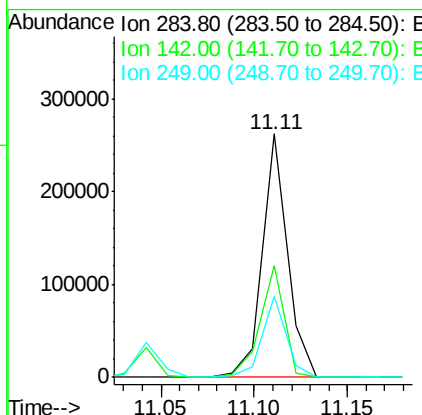
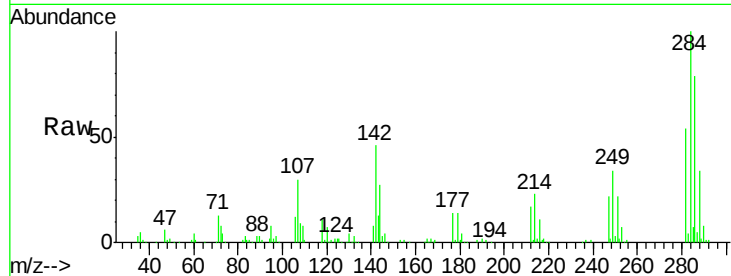
#67
Hexachlorobenzene
Concen: 39.53 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	241834		
142	46.0	24.9	37.3	
249	33.5	25.0	37.4	

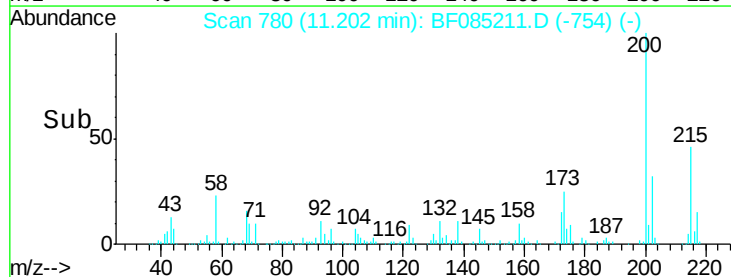
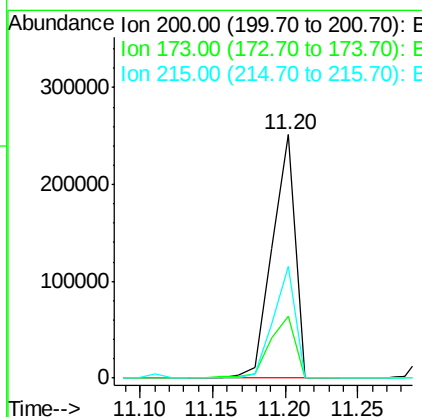
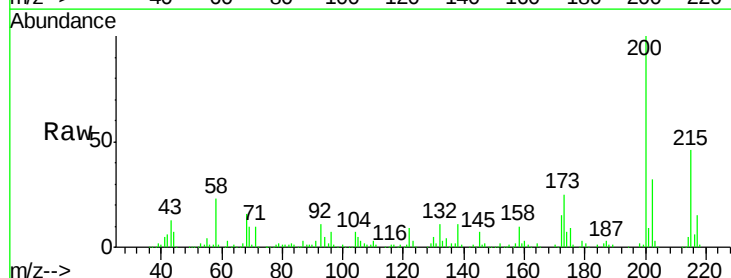
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#68
Atrazine
Concen: 53.62 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	273887		
173	25.3	10.5	50.5	
215	46.0	23.4	63.4	





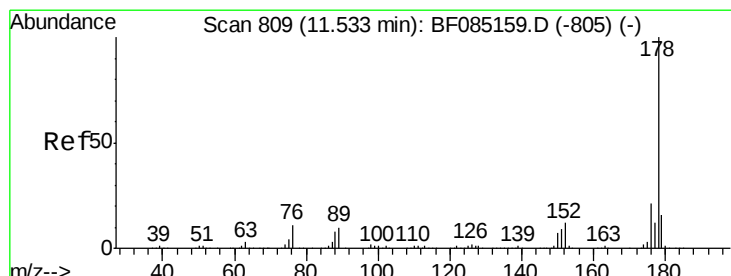
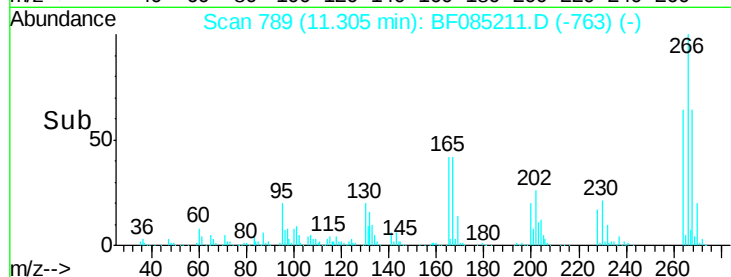
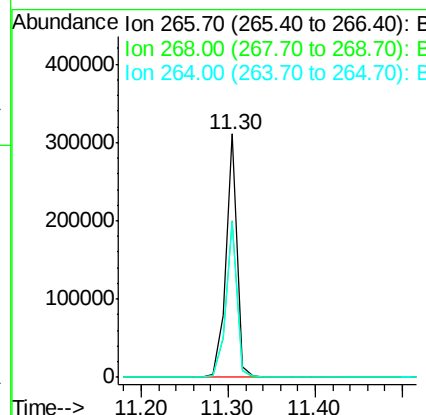
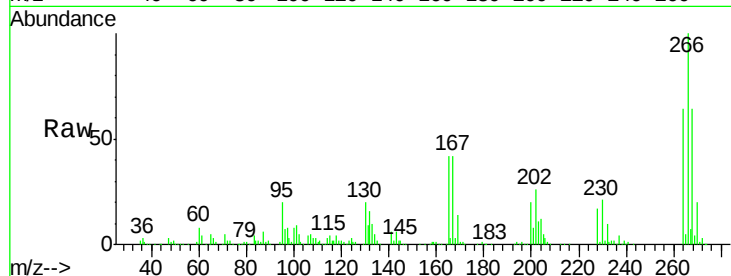
#69
 Pentachlorophenol
 Concen: 83.54 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	283642		
268	64.5	50.0	75.0	
264	63.9	51.4	77.2	

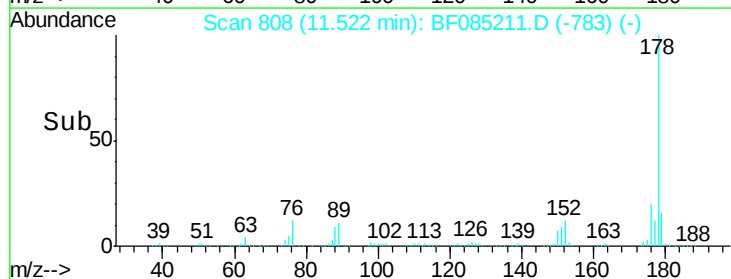
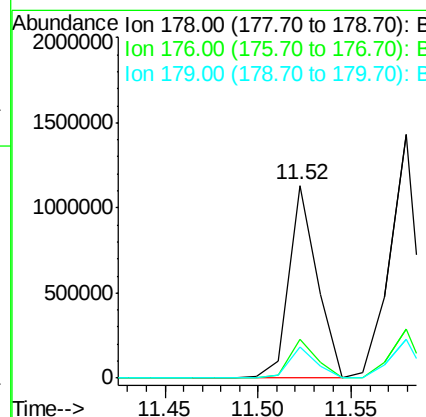
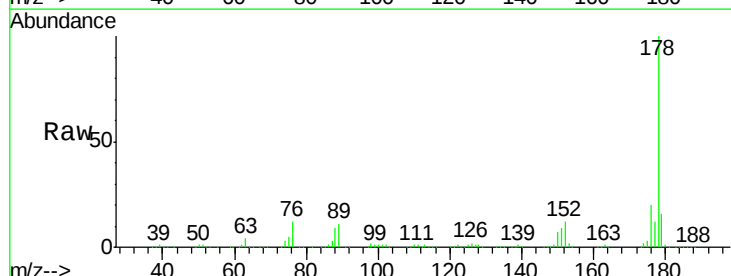
Manual Integrations
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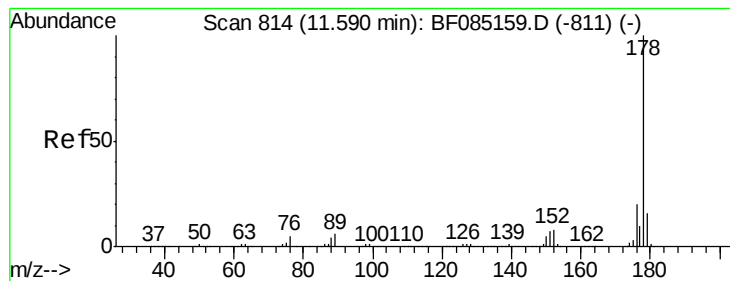
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#70
 Phenanthrene
 Concen: 38.59 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1194170		
176	20.3	16.8	25.2	
179	16.3	13.1	19.7	





#71

Anthracene

Concen: 41.13 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88680BS

Tot Ion:178 Resp: 1351193

Ion Ratio Lower Upper

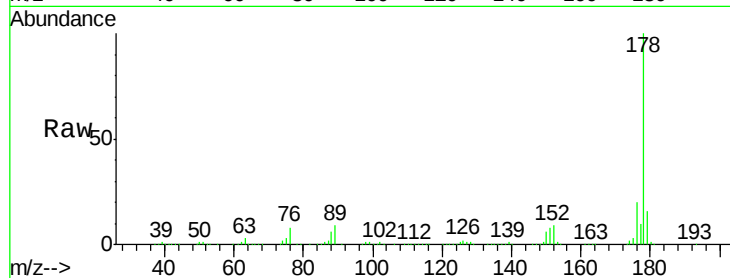
178 100

176 19.9 15.9 23.9

179 16.1 12.5 18.7

Manual Integrations
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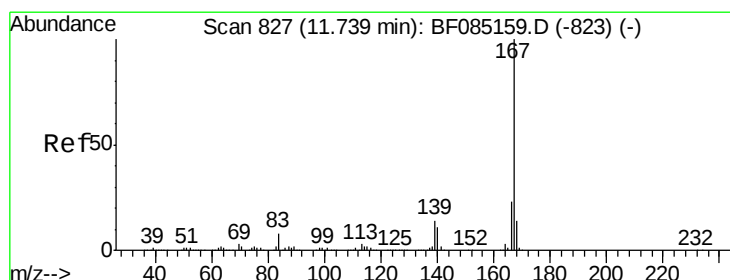
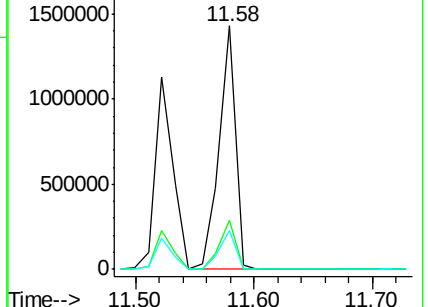
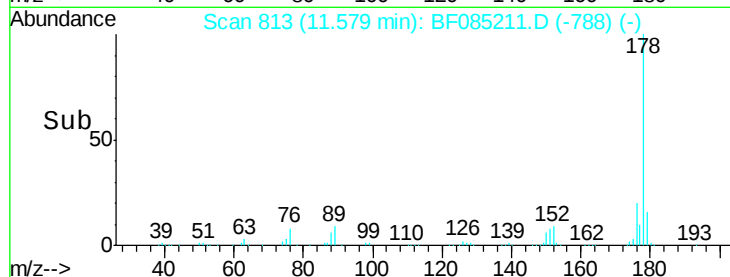
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.09 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

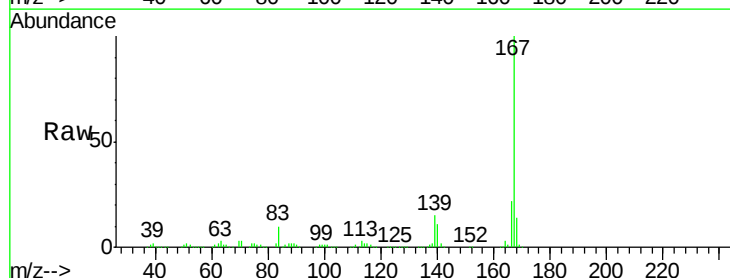
Tgt Ion:167 Resp: 1068373

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

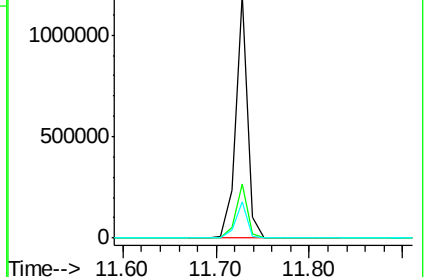
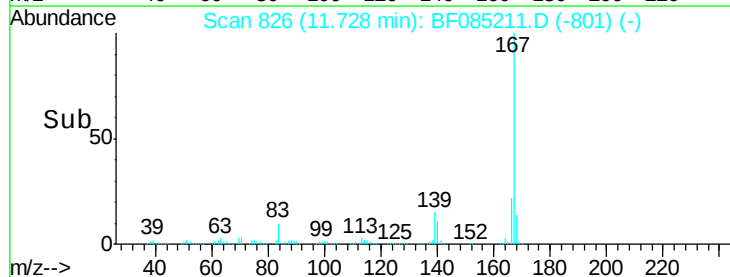
139 15.0 11.4 17.0

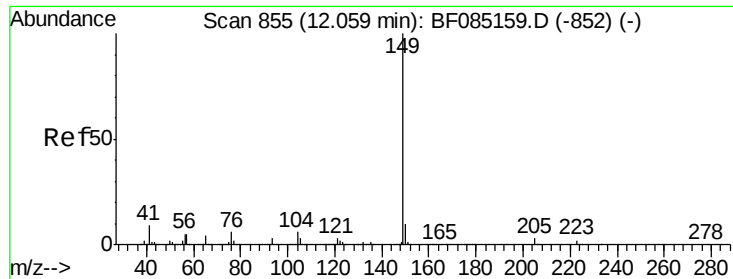


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.16 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88680BS

Tot Ion:149 Resp: 1462581

Ion Ratio Lower Upper

149 100

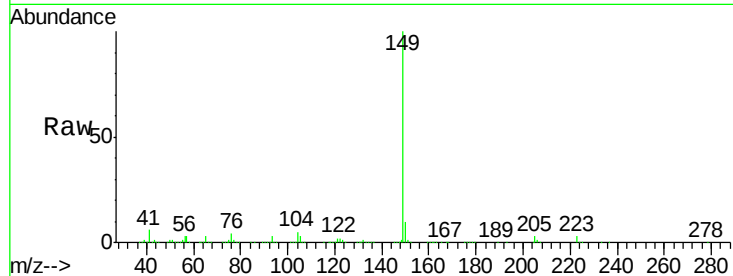
150 9.5 7.8 11.6

104 4.7 4.7 7.1#

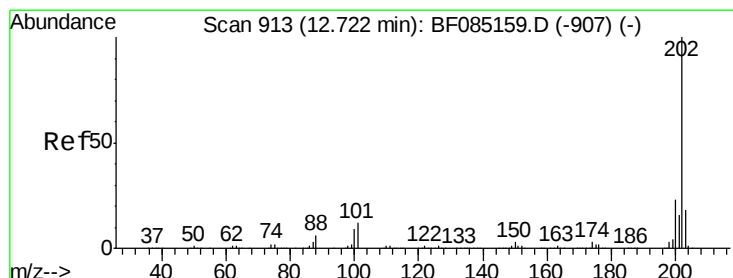
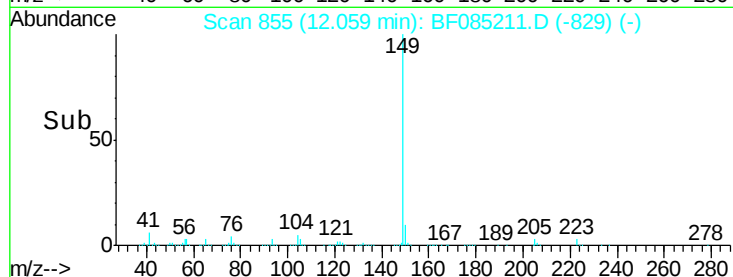
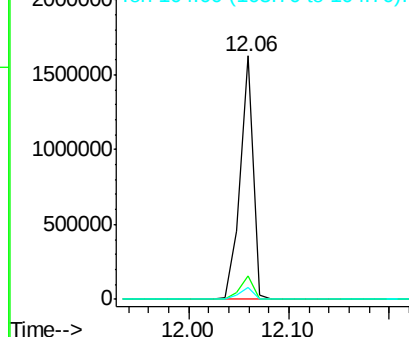
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.12 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

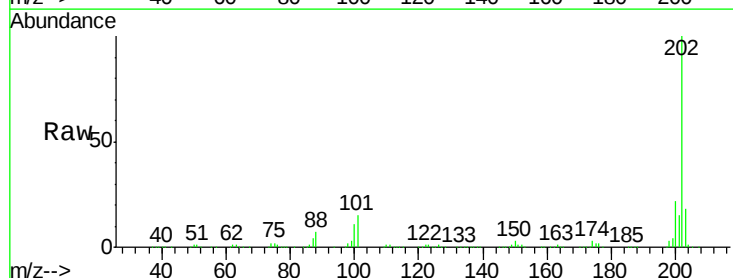
Tgt Ion:202 Resp: 1152879

Ion Ratio Lower Upper

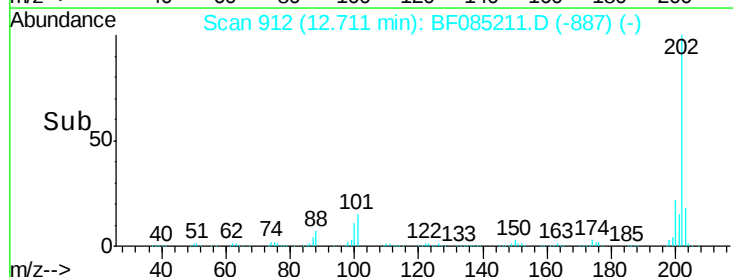
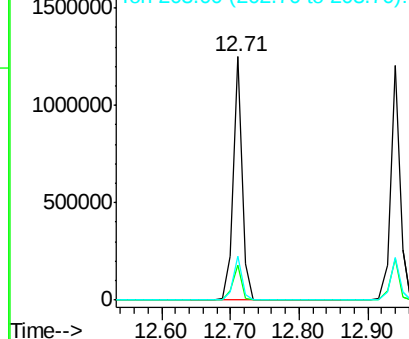
202 100

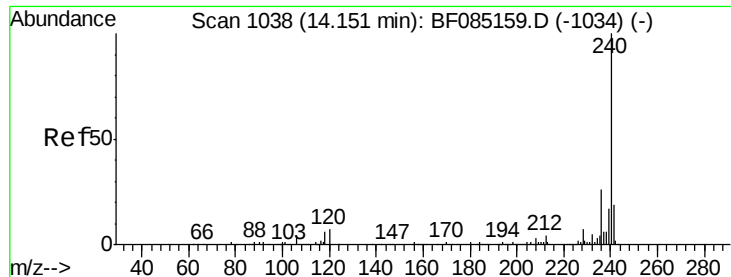
101 14.6 0.0 31.8

203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

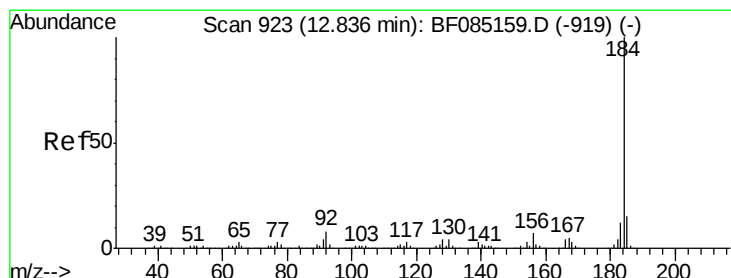
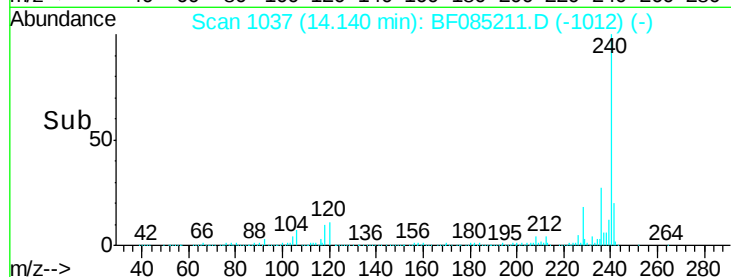
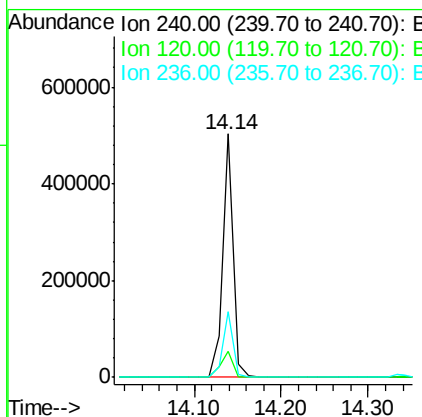
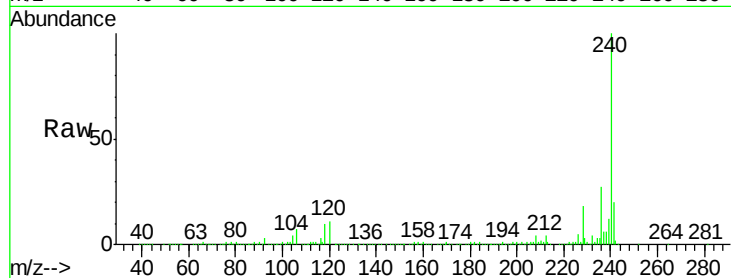
ClientSampleId :

PB88680BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	5.3	7.9#
236	26.9	20.7	31.1

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#76

Benzidine

Concen: 26.03 ng

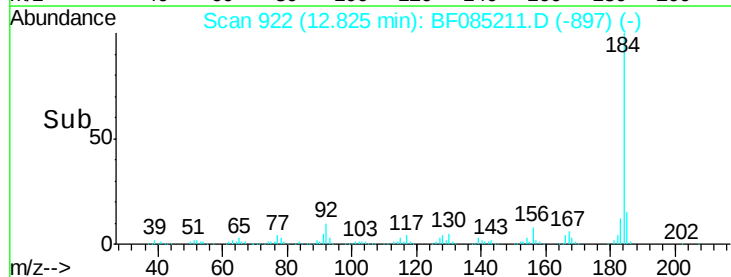
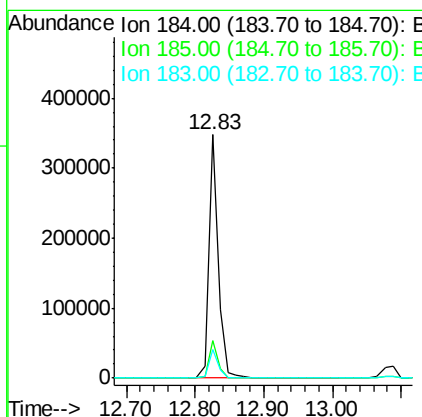
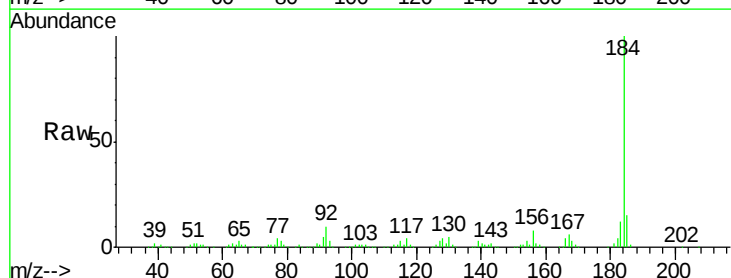
RT: 12.83 min Scan# 922

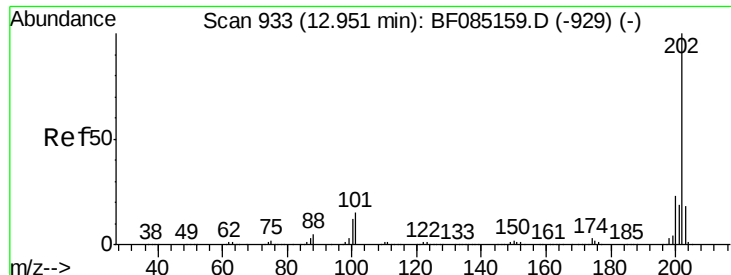
Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.4	18.6
183	11.8	9.4	14.2





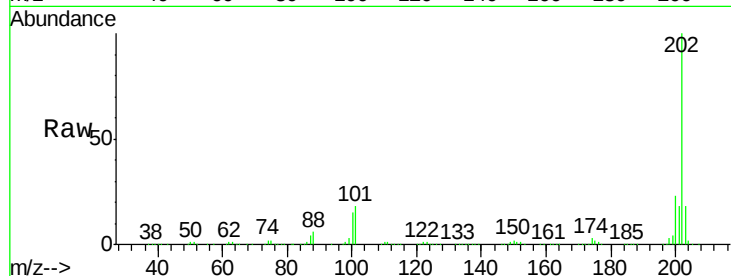
#77
Pvrene
Concen: 35.41 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

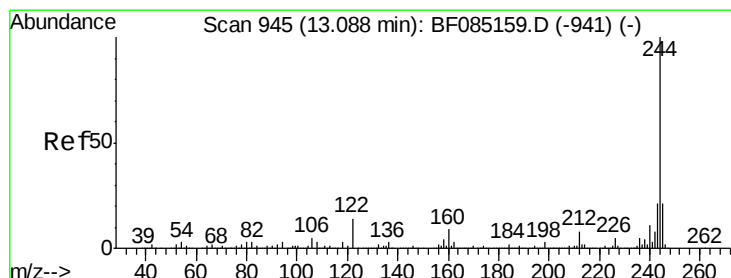
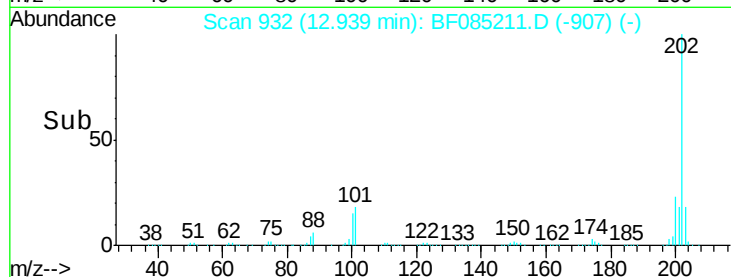
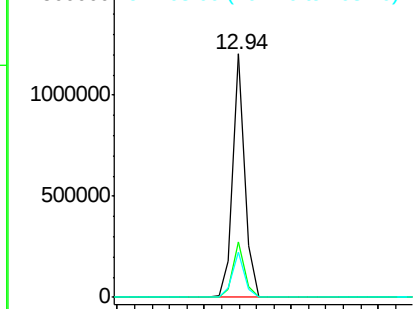
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.4
203	18.3	14.7	22.1

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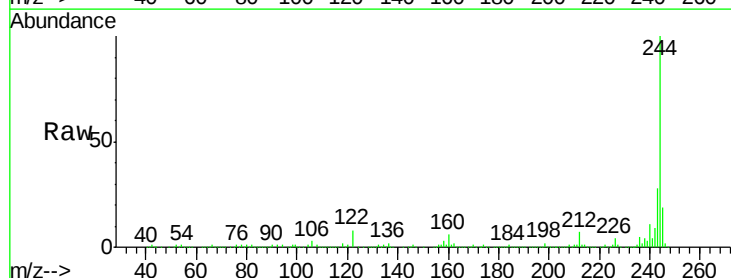


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

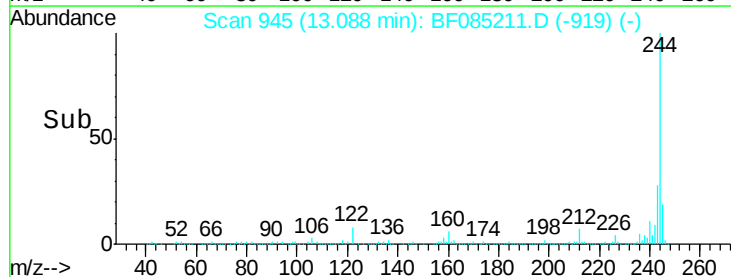
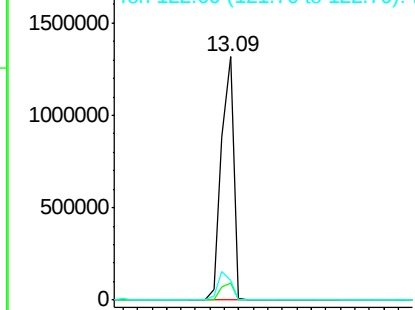


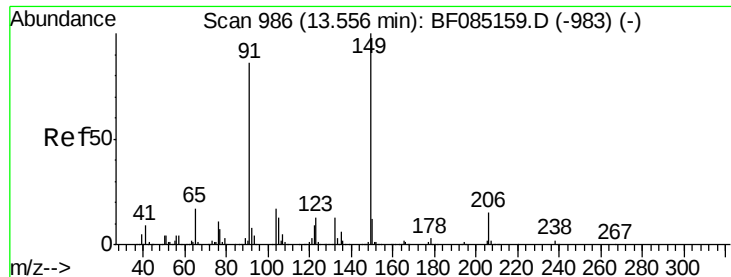
#78
Terphenyl-d14
Concen: 85.02 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	8.3	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: 40.38 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

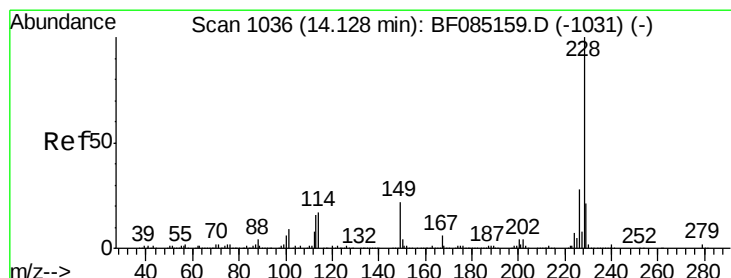
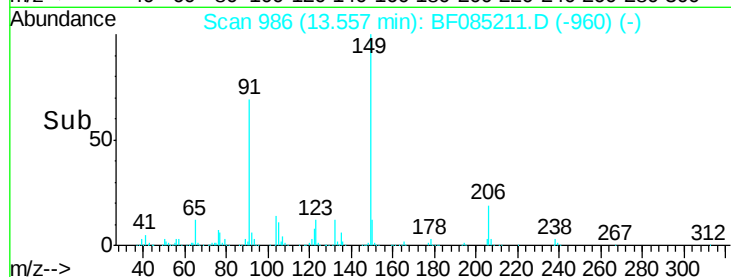
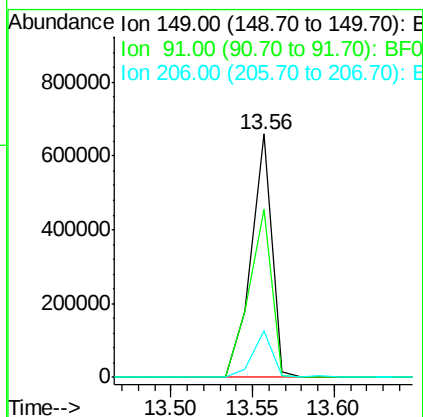
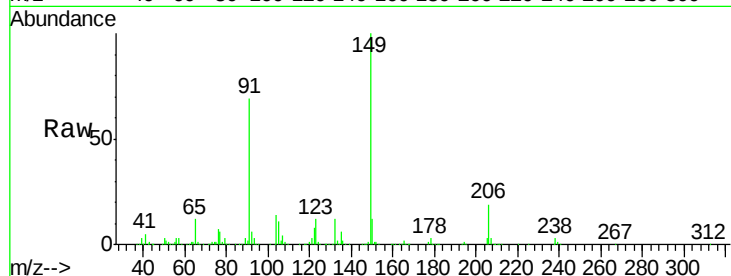
ClientSampleId :

PB88680BS

Tot Ion:	149	Resp:	589052
Ion Ratio	Lower	Upper	
149	100		
91	69.0	69.0	103.4
206	19.0	12.3	18.5#

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#80

Benzo(a)anthracene

Concen: 38.99 ng

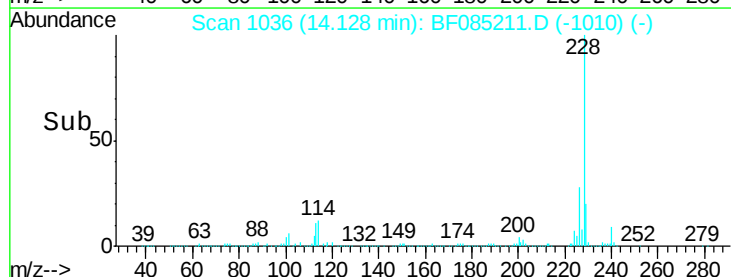
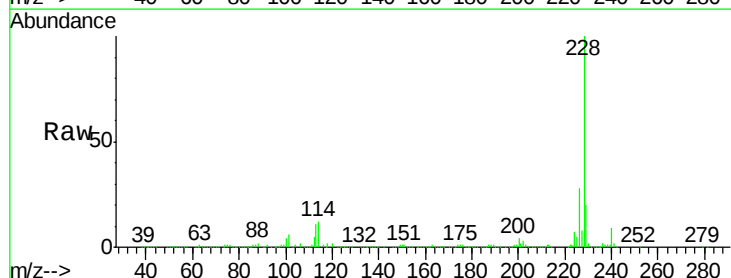
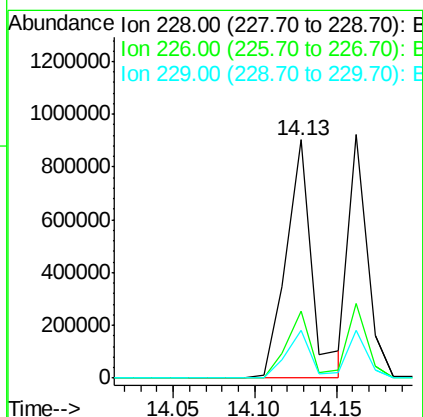
RT: 14.13 min Scan# 1036

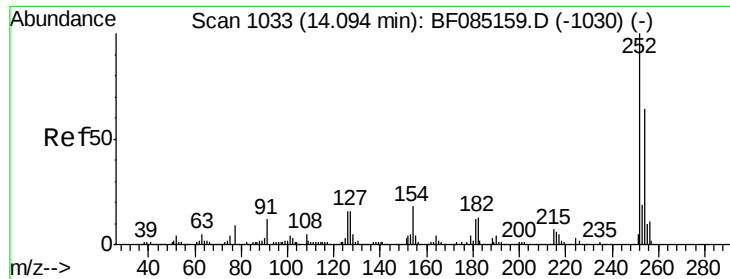
Delta R.T. 0.00 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion:	228	Resp:	997024
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.8	34.2
229	20.1	16.6	24.8





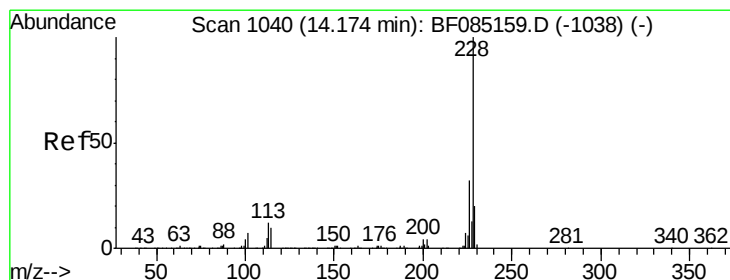
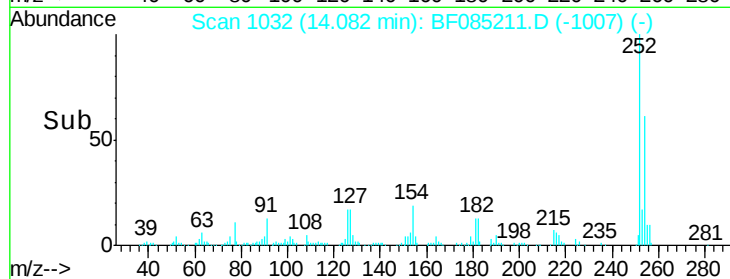
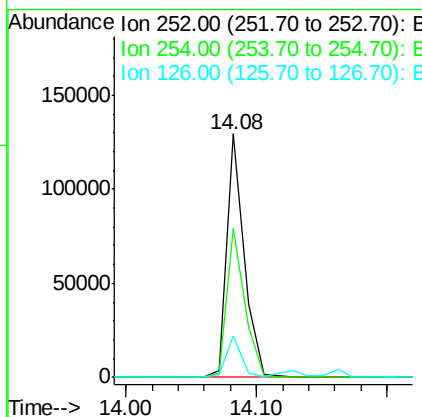
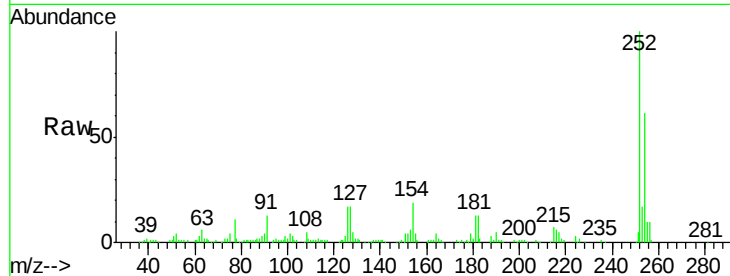
#81
 3,3'-Dichlorobenzidine
 Concen: 14.88 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.3	51.4	77.0
126	16.8	12.9	19.3

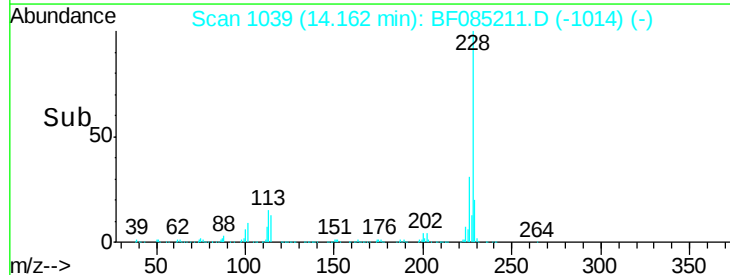
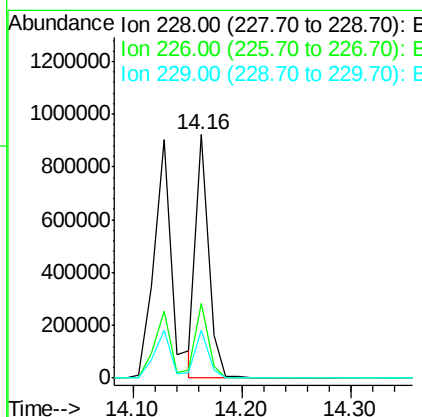
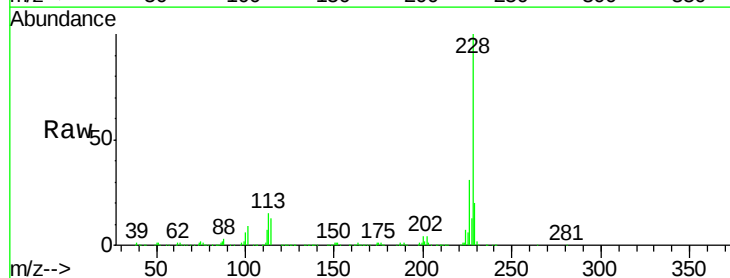
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#82
 Chrysene
 Concen: 32.03 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	25.2	37.8
229	19.9	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.98 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

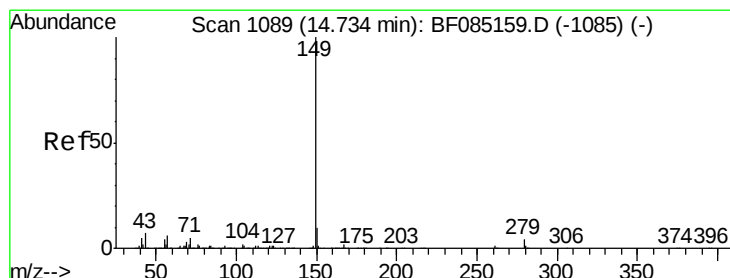
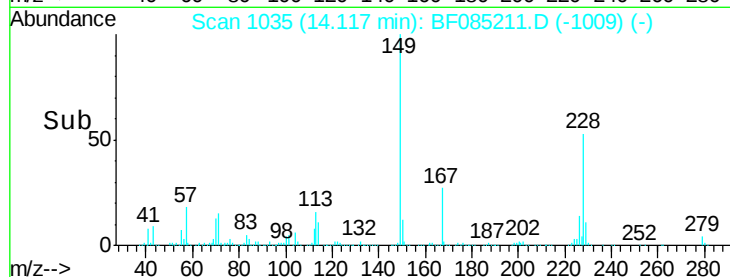
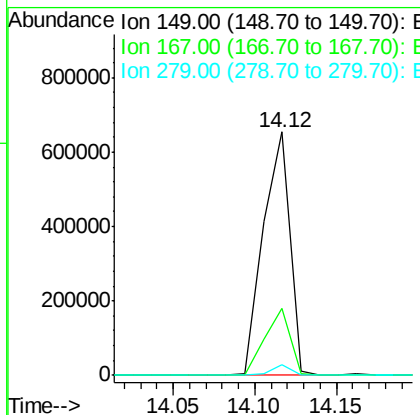
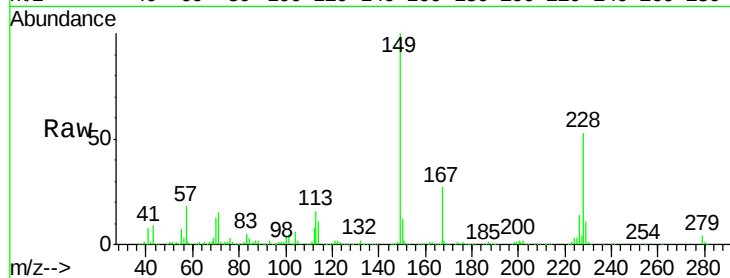
ClientSampleId :

PB88680BS

Tot Ion:	149	Resp:	748233
Ion Ratio	Lower	Upper	
149	100		
167	27.3	20.3	30.5
279	4.3	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 37.75 ng

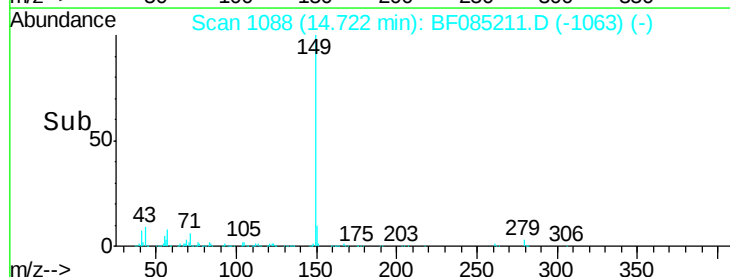
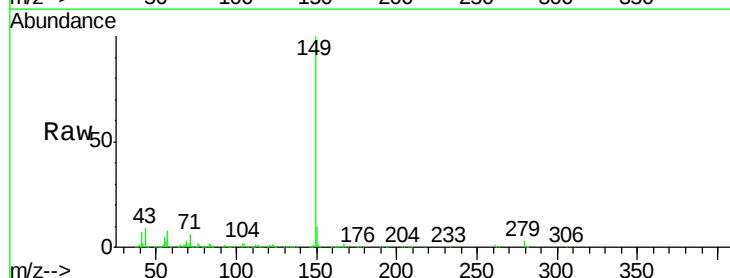
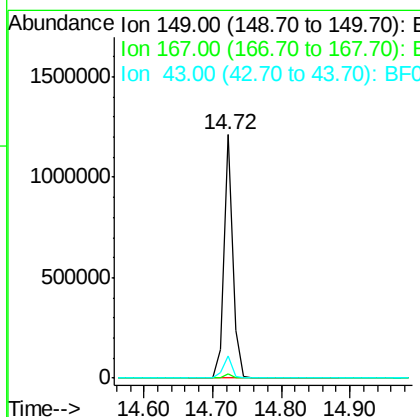
RT: 14.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Tgt Ion:	149	Resp:	1103616
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	9.1	7.8	11.8





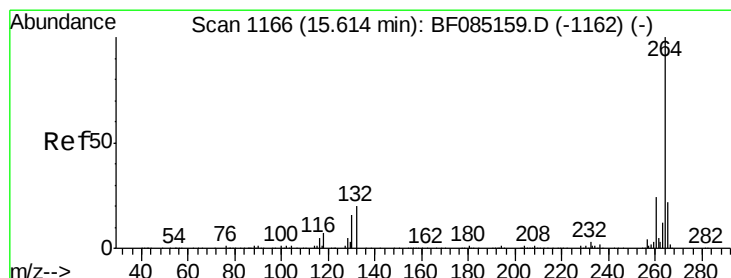
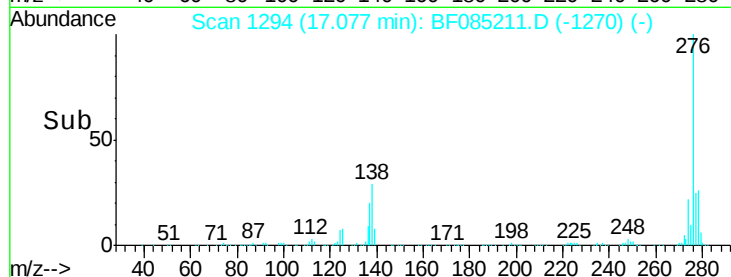
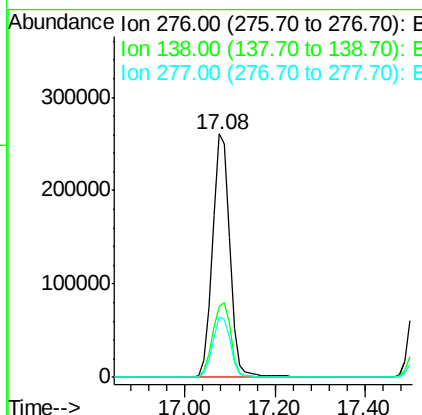
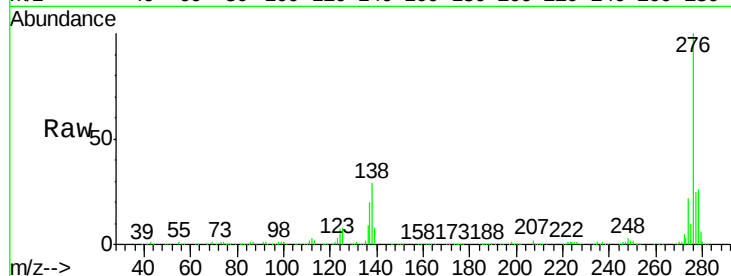
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.18 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	26.4	39.6
277	25.6	20.2	30.2

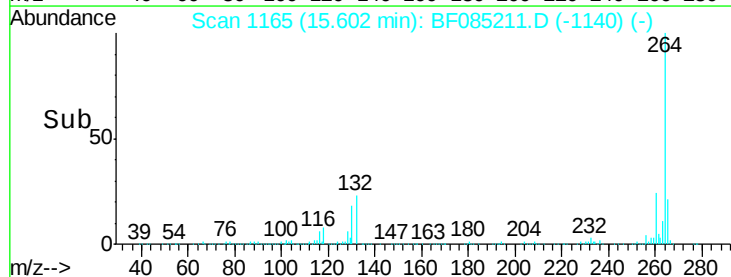
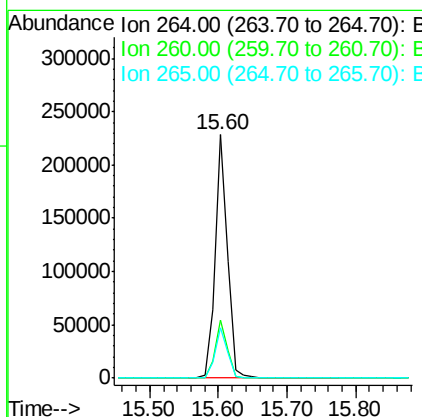
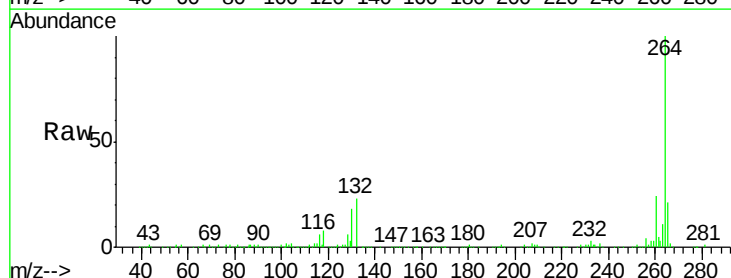
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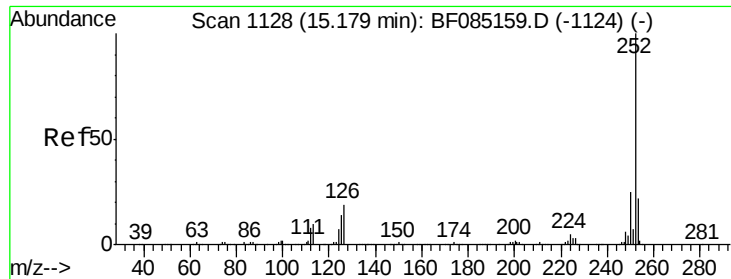
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.57 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085211.D

Acq: 4 Mar 2016 19:14

Instrument :

BNA_F

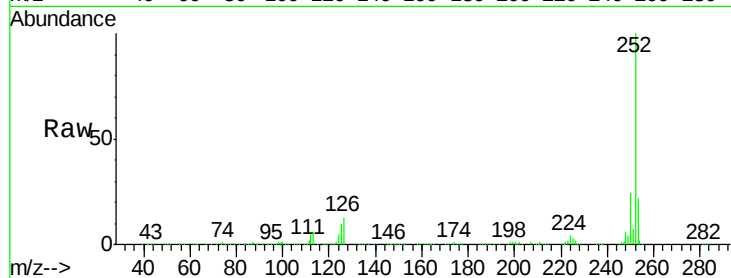
ClientSampleId :

PB88680BS

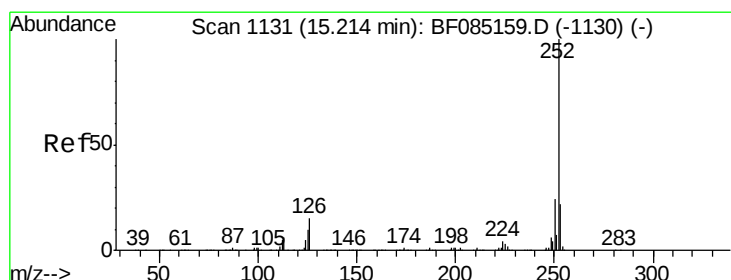
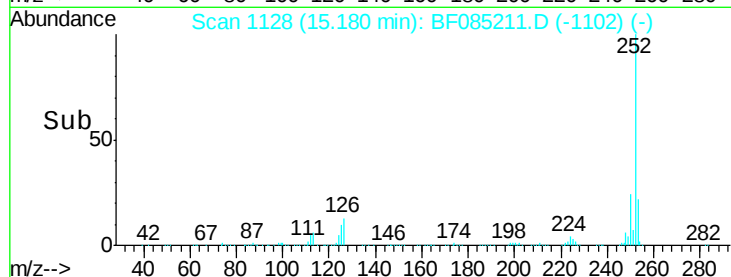
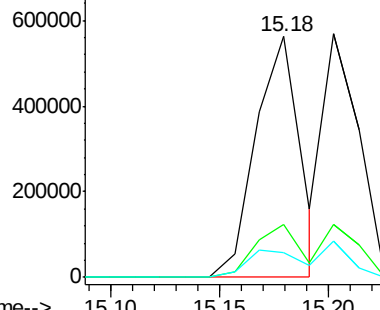
Tot Ion:	252	Resp:	798100
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	10.0	11.3	16.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.88 ng m

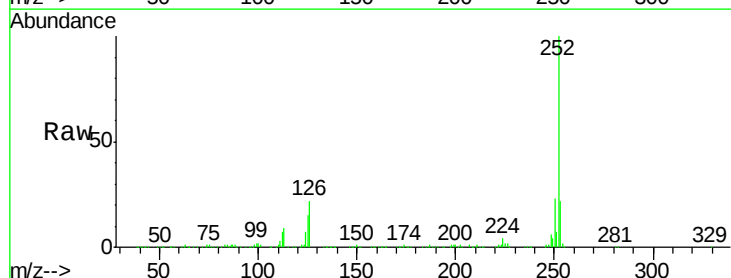
RT: 15.20 min Scan# 1130

Delta R.T. -0.01 min

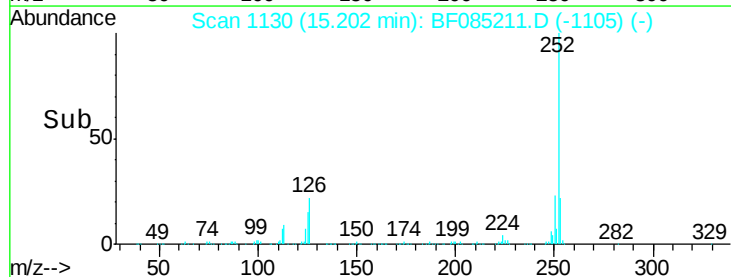
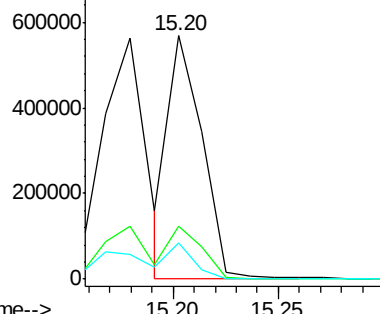
Lab File: BF085211.D

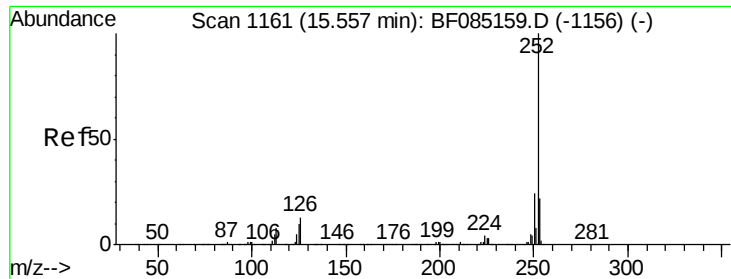
Acq: 4 Mar 2016 19:14

Tgt Ion:	252	Resp:	648589
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	15.0	10.4	15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





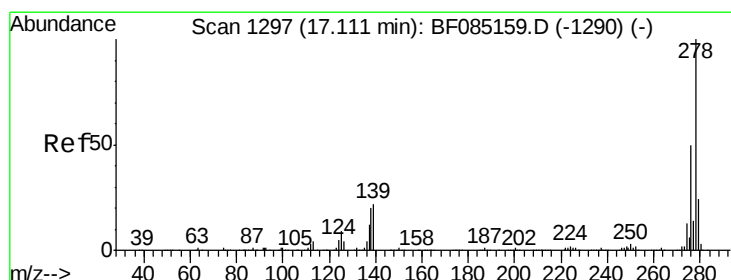
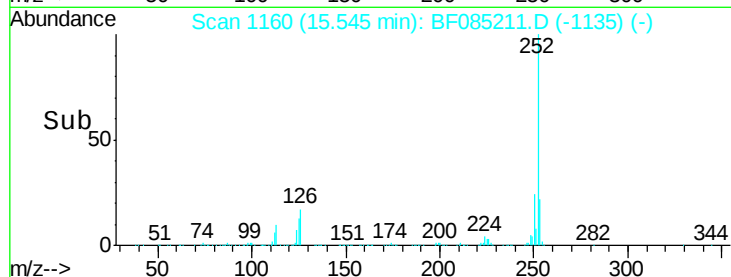
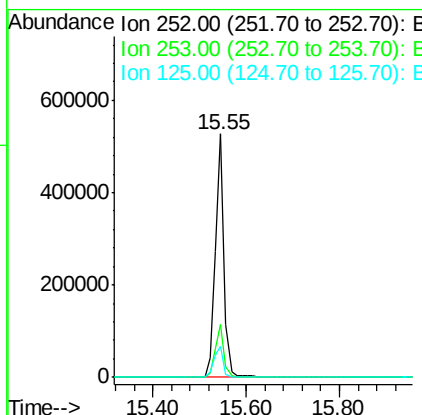
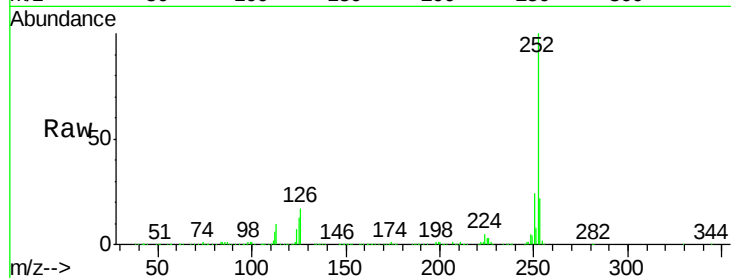
#89
Benzo(a)pyrene
Concen: 42.52 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88680BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	13.0	8.2	12.4

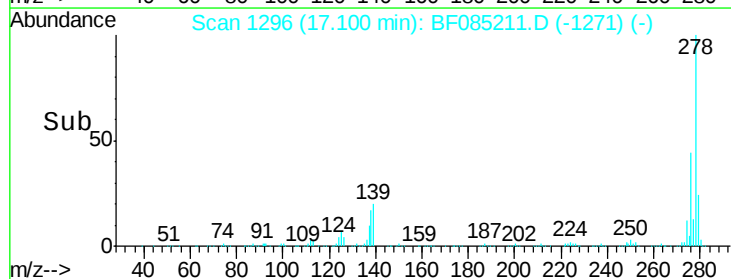
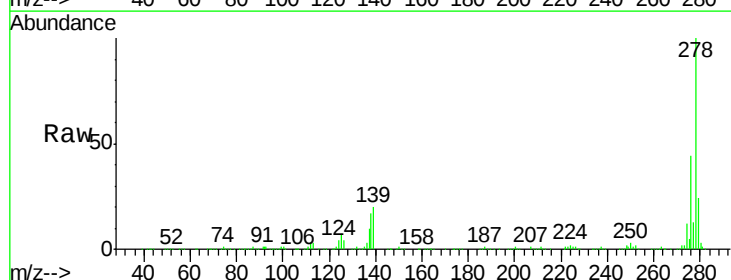
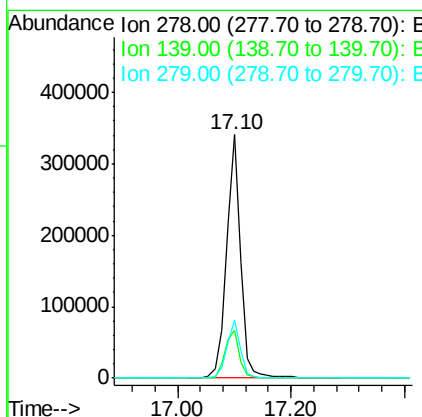
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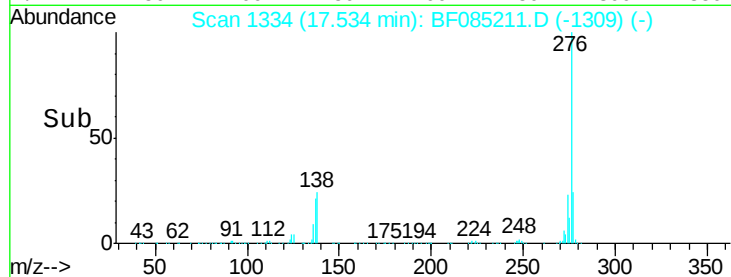
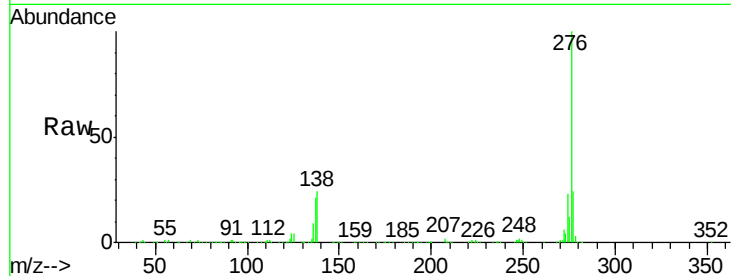
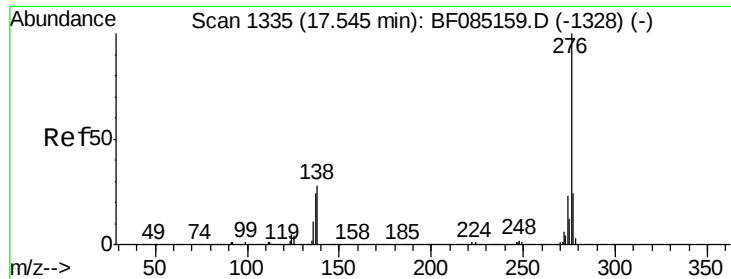
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#90
Dibenzo(a,h)anthracene
Concen: 43.56 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085211.D
Acq: 4 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	17.3	25.9
279	23.8	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 43.64 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085211.D
 Acq: 4 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88680BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.0	28.4
138	24.5	22.5	33.7

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