

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085165.D
 Acq On : 3 Mar 2016 19:24
 Operator : SJ/UM
 Sample : PB88646BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Manual Integrations
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 3/4/2016 4:28:36 PM

Quant Time: Mar 04 03:16:42 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	6.98	152	156010	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	654779	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	301685	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	562122	20.00	ng	0.00
75) Chrysene-d12	14.14	240	400945	20.00	ng	-0.01
86) Perylene-d12	15.61	264	299469	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1065925	114.61	ng	0.01
7) Phenol-d6	6.61	99	1542318	126.57	ng	0.00
23) Nitrobenzene-d5	7.54	82	1015386	82.98	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	359815	139.39	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1505489	75.89	ng	-0.01
78) Terphenyl-d14	13.09	244	1395716	80.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	163624	34.40	ng	98
3) Pyridine	3.52	79	485471	40.78	ng	99
4) n-Nitrosodimethylamine	3.46	42	206070	40.45	ng	99
6) Aniline	6.64	93	332199m	19.45	ng	
8) 2-Chlorophenol	6.77	128	464523	41.49	ng	92
9) Benzaldehyde	6.53	77	163472	25.85	ng	91
10) Phenol	6.62	94	640568m	49.08	ng	
11) bis(2-Chloroethyl)ether	6.71	93	397335	36.66	ng	91
12) 1,3-Dichlorobenzene	6.92	146	454412m	37.80	ng	
13) 1,4-Dichlorobenzene	7.00	146	477897	39.67	ng	97
14) 1,2-Dichlorobenzene	7.16	146	440206	40.27	ng	93
15) Benzyl Alcohol	7.12	79	426899	47.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.26	45	631289	40.40	ng	99
17) 2-Methylphenol	7.22	107	366418	40.10	ng	95
18) Hexachloroethane	7.50	117	186195	41.89	ng	93
19) n-Nitroso-di-n-propylamine	7.40	70	340095	42.82	ng	98
20) 3+4-Methylphenols	7.38	107	491210	45.39	ng	# 71
22) Acetophenone	7.38	105	592557	37.08	ng	# 92
24) Nitrobenzene	7.56	77	456247	36.70	ng	96
25) Isophorone	7.80	82	895762	39.50	ng	99
26) 2-Nitrophenol	7.88	139	228032	37.70	ng	# 71
27) 2,4-Dimethylphenol	7.91	122	441109	39.90	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	585134	46.33	ng	98
29) 2,4-Dichlorophenol	8.12	162	359848	40.36	ng	91
30) 1,2,4-Trichlorobenzene	8.21	180	402464	41.75	ng	97
31) Naphthalene	8.29	128	1340386	41.63	ng	99
32) Benzoic acid	8.01	122	226274	30.82	ng	99
33) 4-Chloroaniline	8.33	127	149099	11.45	ng	# 91
34) Hexachlorobutadiene	8.40	225	191079	38.10	ng	96
35) Caprolactam	8.70	113	142762m	49.03	ng	
36) 4-Chloro-3-methylphenol	8.81	107	435651	43.07	ng	92
37) 2-Methylnaphthalene	8.97	142	874855	42.34	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	339233	39.32	ng	99
40) Hexachlorocyclopentadiene	9.13	237	399256	85.80	ng	100

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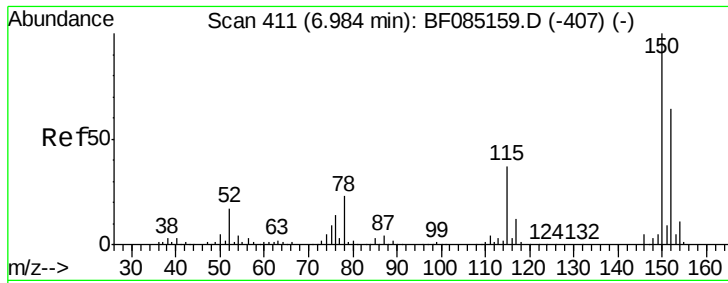
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	260833	40.61	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	269478	44.25	ng	95
45) 1,1'-Biphenyl	9.44	154	1015022	39.38	ng	97
46) 2-Chloronaphthalene	9.46	162	742911	37.81	ng	# 92
47) 2-Nitroaniline	9.56	65	234192	38.47	ng	98
48) Acenaphthylene	9.89	152	1299602	42.50	ng	98
49) Dimethylphthalate	9.74	163	862162	37.23	ng	99
50) 2,6-Dinitrotoluene	9.80	165	192440	38.85	ng	# 77
51) Acenaphthene	10.06	154	872449	46.99	ng	99
52) 3-Nitroaniline	9.97	138	104551	17.64	ng	94
53) 2,4-Dinitrophenol	10.07	184	171496	69.40	ng	# 61
54) Dibenzofuran	10.23	168	1146329	47.13	ng	96
55) 4-Nitrophenol	10.13	139	401658	86.24	ng	89
56) 2,4-Dinitrotoluene	10.21	165	294776	46.50	ng	# 79
57) Fluorene	10.57	166	858113	44.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	213153	49.83	ng	95
59) Diethylphthalate	10.44	149	905541	40.30	ng	95
60) 4-Chlorophenyl-phenylether	10.56	204	411519	44.27	ng	94
61) 4-Nitroaniline	10.58	138	230408	41.57	ng	92
62) Azobenzene	10.72	77	1084209	48.98	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	125991	37.43	ng	# 55
65) n-Nitrosodiphenylamine	10.68	169	699698	40.02	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	239913	43.95	ng	# 89
67) Hexachlorobenzene	11.12	284	242303	41.61	ng	# 89
68) Atrazine	11.20	200	233090	47.94	ng	99
69) Pentachlorophenol	11.30	266	258057	79.84	ng	99
70) Phenanthrene	11.53	178	1335181	45.32	ng	99
71) Anthracene	11.58	178	1195359	38.22	ng	99
72) Carbazole	11.73	167	1139233	41.54	ng	98
73) Di-n-butylphthalate	12.06	149	1374338	39.65	ng	99
74) Fluoranthene	12.72	202	1270777	42.98	ng	95
76) Benzidine	12.84	184	295982	24.80	ng	99
77) Pyrene	12.95	202	1304183	43.22	ng	98
79) Butylbenzylphthalate	13.56	149	558580	40.79	ng	98
80) Benzo(a)anthracene	14.13	228	945675	39.40	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	135724	17.92	ng	# 96
82) Chrysene	14.17	228	901057	40.64	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	762757	42.33	ng	99
84) Di-n-octyl phthalate	14.73	149	1218214	44.39	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	694101	40.11	ng	100
87) Benzo(b)fluoranthene	15.18	252	748450	37.50	ng	99
88) Benzo(k)fluoranthene	15.21	252	770903m	47.88	ng	
89) Benzo(a)pyrene	15.55	252	701841	42.43	ng	# 95
90) Dibenzo(a,h)anthracene	17.10	278	587771	41.63	ng	99
91) Benzo(g,h,i)perylene	17.53	276	577529	40.68	ng	100

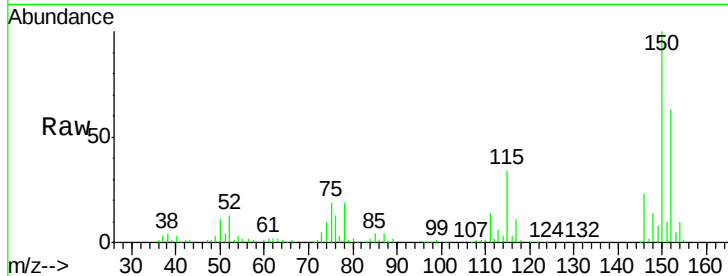
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

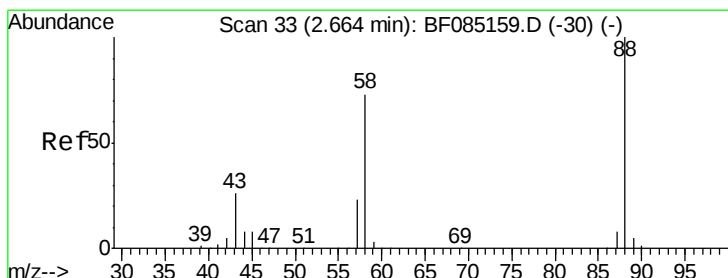
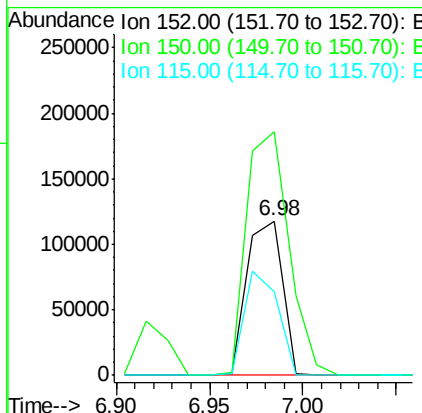
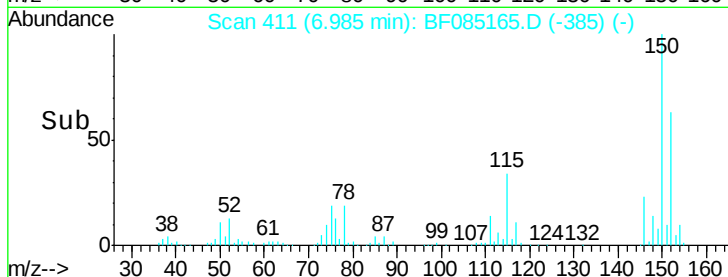
Instrument :
BNA_F
ClientSampleId :
PB88646BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	54.0	46.6	70.0

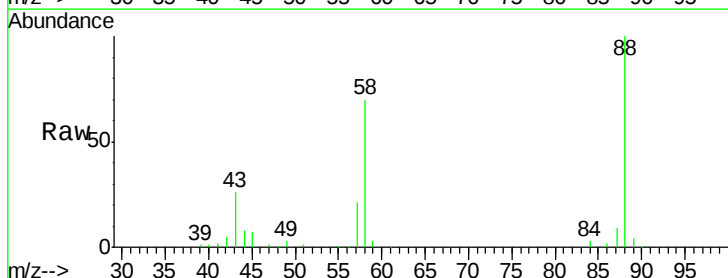
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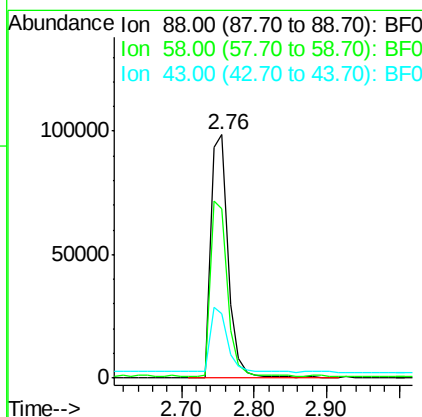
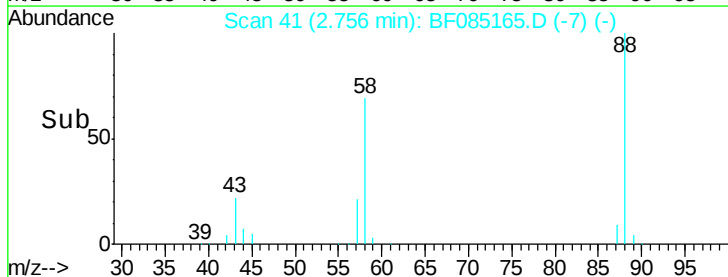


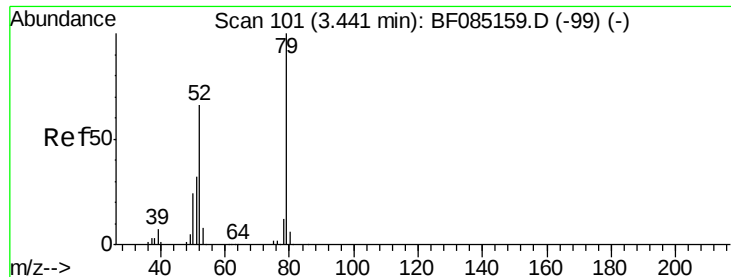
#2

1,4-Dioxane
Concen: 34.40 ng
RT: 2.76 min Scan# 41
Delta R.T. 0.09 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24



Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	57.0	85.6
43	25.3	20.5	30.7





#3

Pyridine

Concen: 40.78 ng

RT: 3.52 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

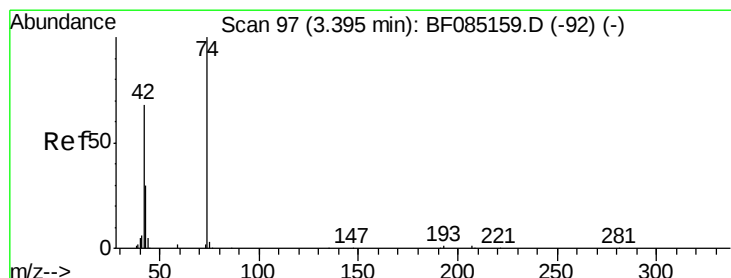
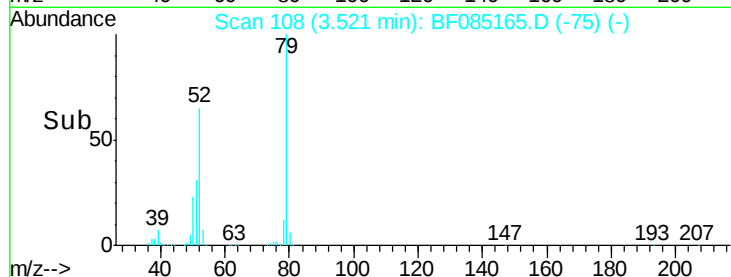
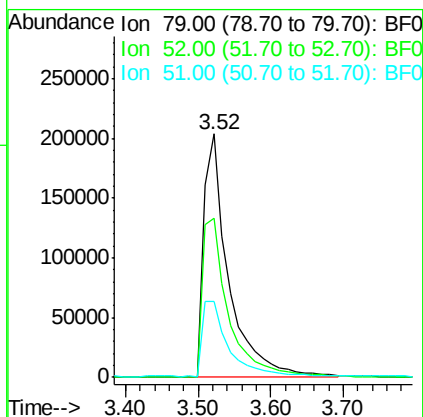
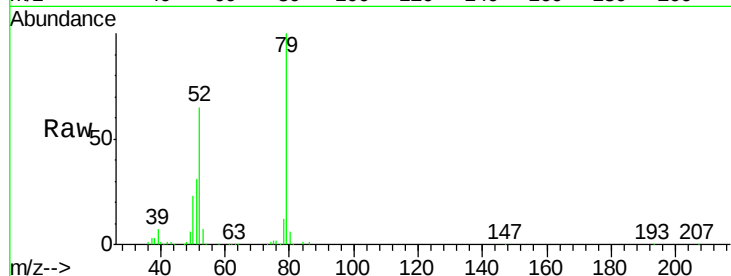
ClientSampled :

PB88646BS

Tgt Ion:	79	Resp:	485471
Ion Ratio	Lower	Upper	
79	100		
52	65.3	52.6	79.0
51	31.3	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 40.45 ng

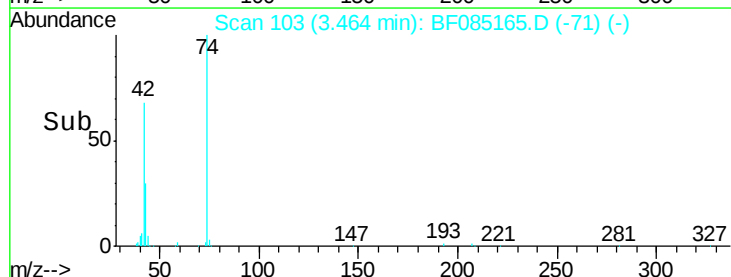
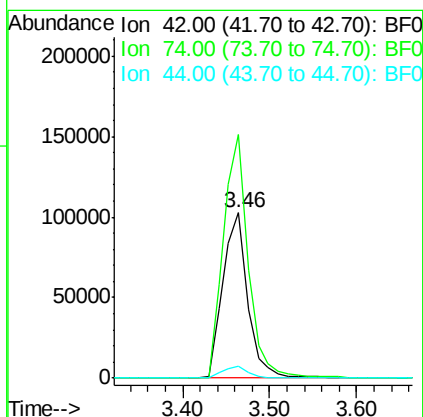
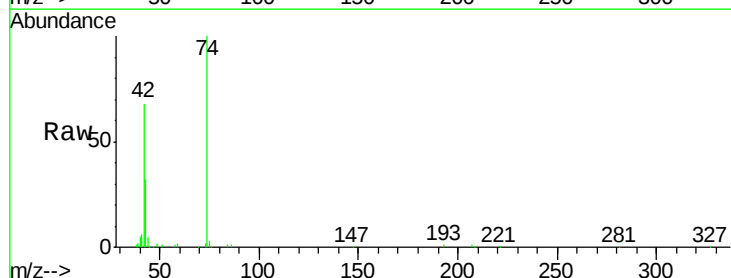
RT: 3.46 min Scan# 103

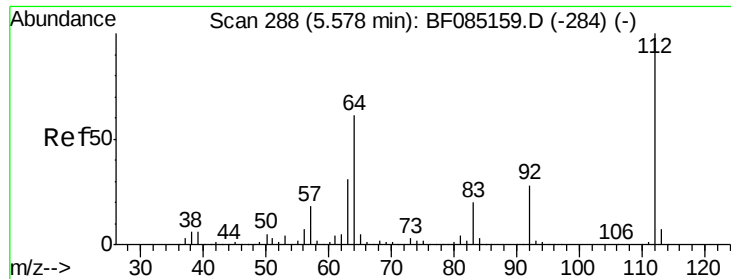
Delta R.T. 0.07 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion:	42	Resp:	206070
Ion Ratio	Lower	Upper	
42	100		
74	147.2	116.8	175.2
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 114.61 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

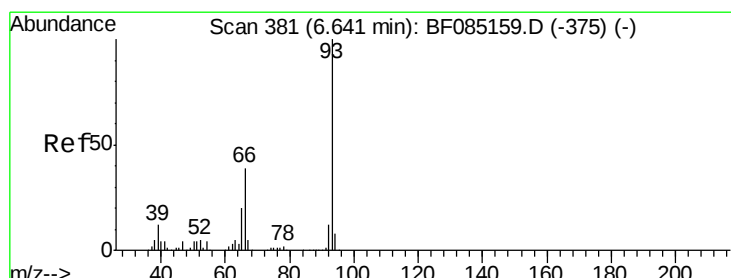
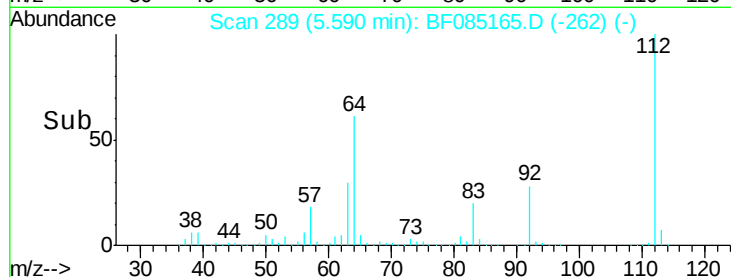
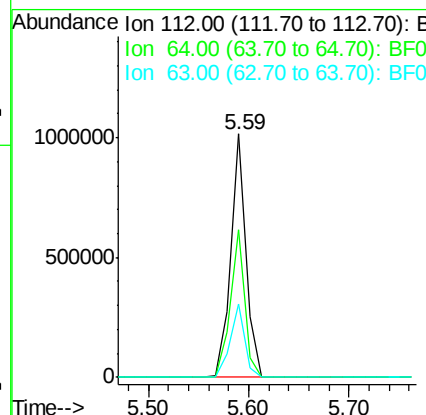
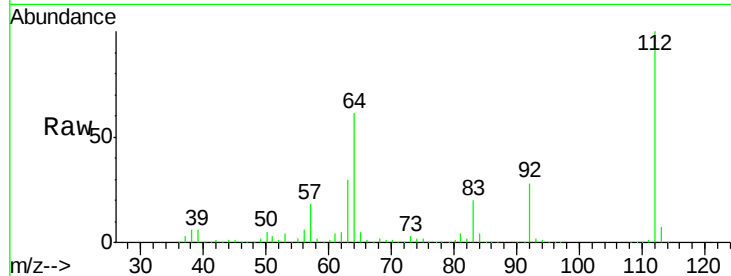
ClientSampleId :

PB88646BS

Tgt Ion:	112	Resp:	1065925
Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.0	73.4
63	30.0	24.8	37.2

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#6

Aniline

Concen: 19.45 ng m

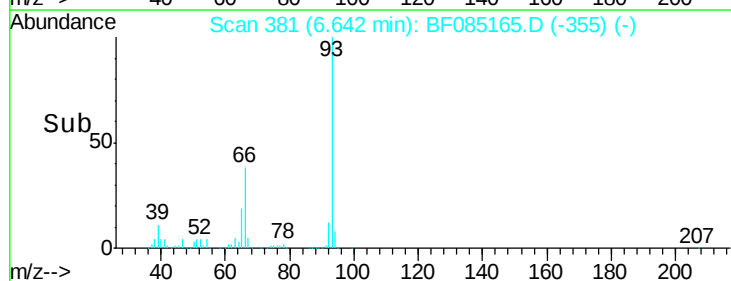
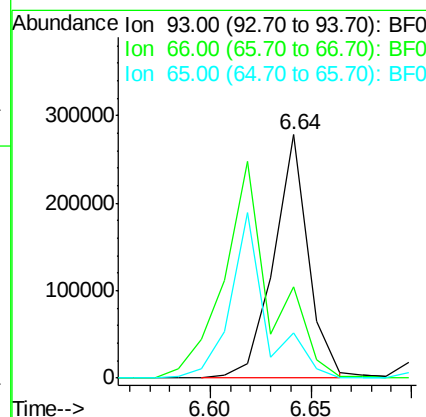
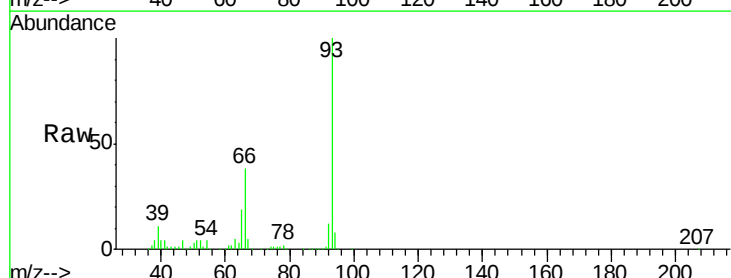
RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion:	93	Resp:	332199
Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.6	47.4
65	18.7	15.8	23.8





#7

Phenol-d6

Concen: 126.57 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB88646BS

Tgt Ion: 99 Resp: 1542318

Ion Ratio Lower Upper

99 100

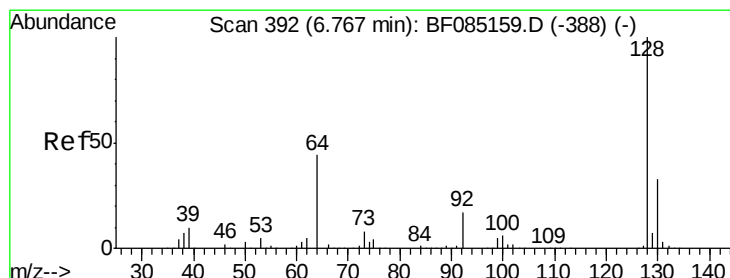
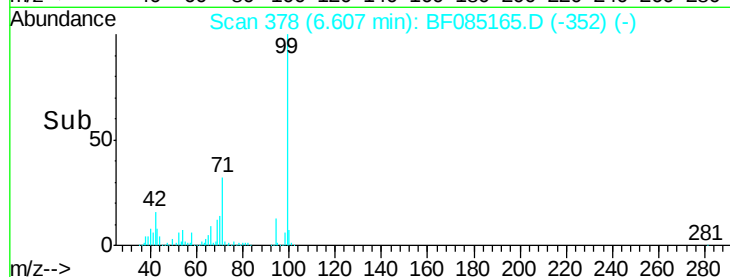
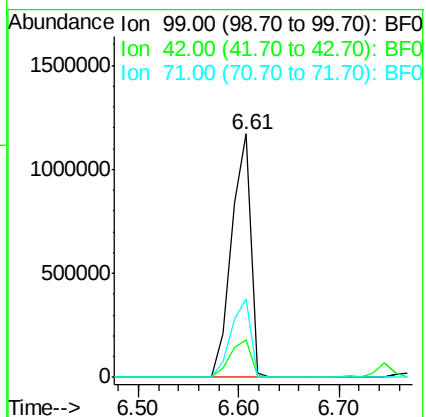
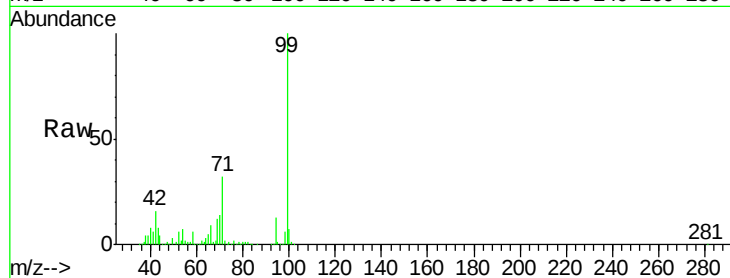
42 15.7 13.6 20.4

71 32.3 26.7 40.1

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#8

2-Chlorophenol

Concen: 41.49 ng

RT: 6.77 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

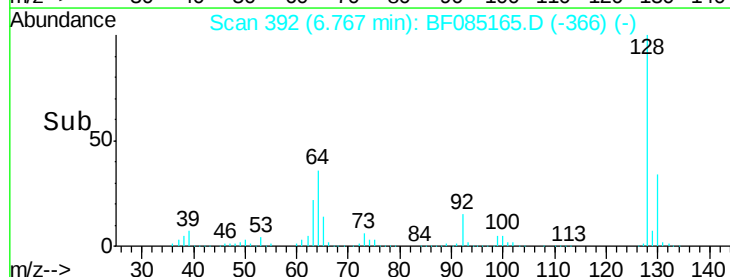
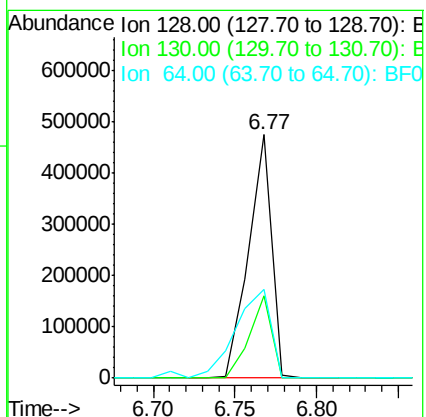
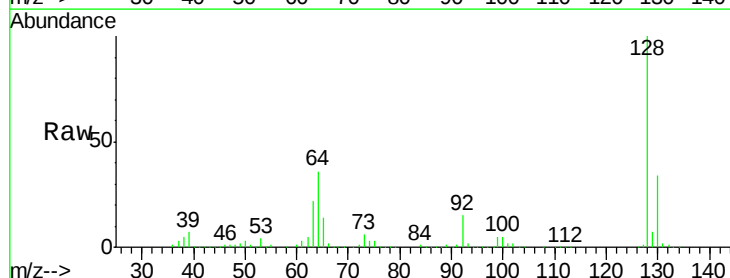
Tgt Ion: 128 Resp: 464523

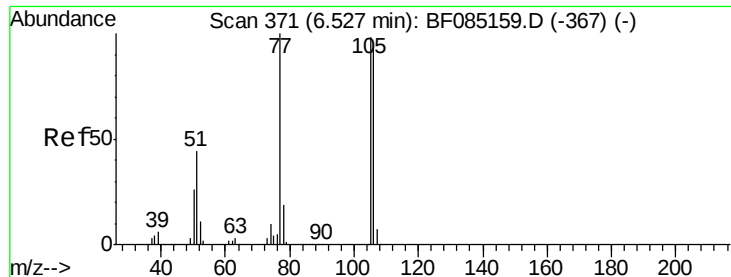
Ion Ratio Lower Upper

128 100

130 33.8 13.3 53.3

64 36.5 25.7 65.7





#9

Benzaldehyde

Concen: 25.85 ng

RT: 6.53 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085165.D

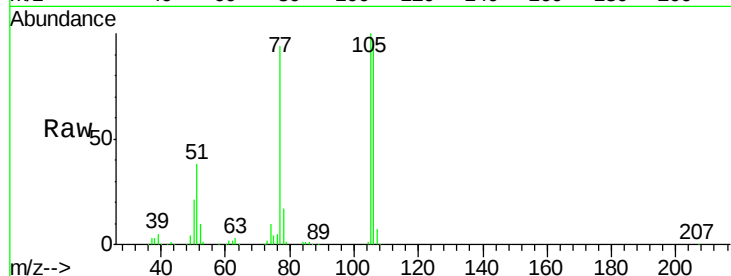
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Instrument :

BNA_F

ClientSampleId :

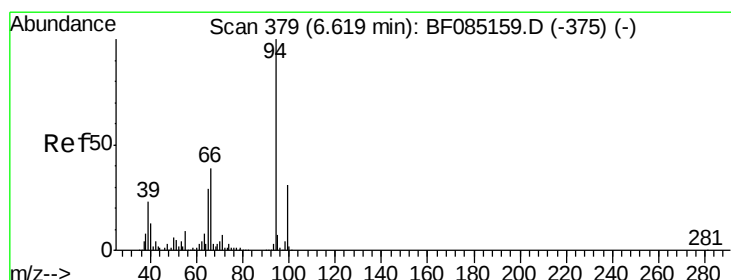
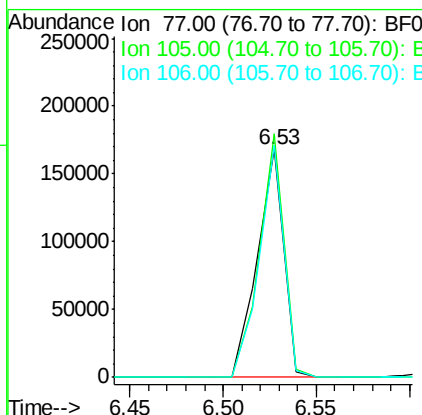
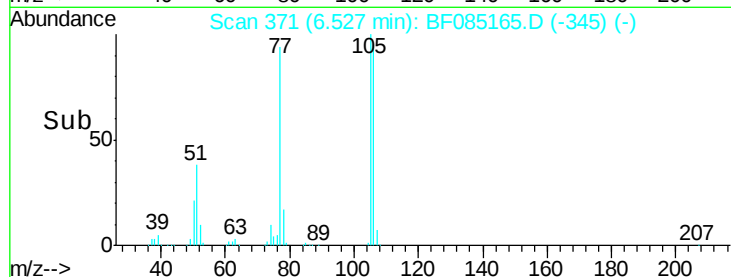
PB88646BS



Tgt Ion:	77	Resp:	163472
Ion Ratio	Lower	Upper	
77	100		
105	106.7	78.2	118.2
106	101.6	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 49.08 ng m

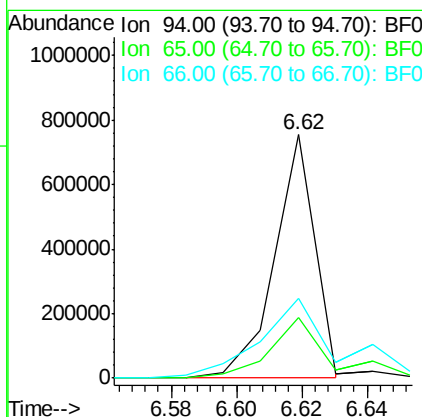
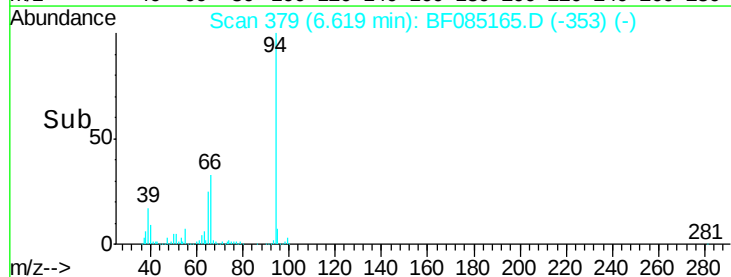
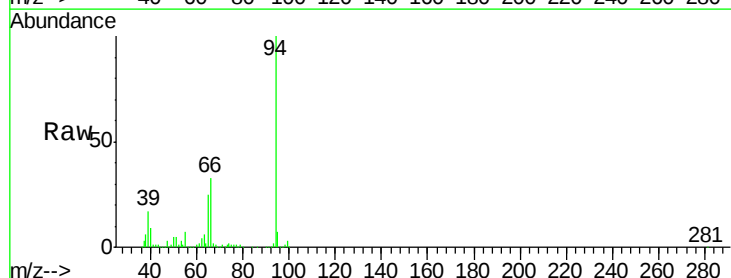
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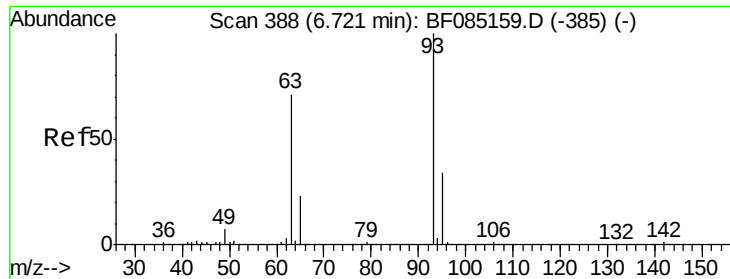
Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion:	94	Resp:	640568
Ion Ratio	Lower	Upper	
94	100		
65	25.1	9.1	49.1
66	32.8	19.3	59.3





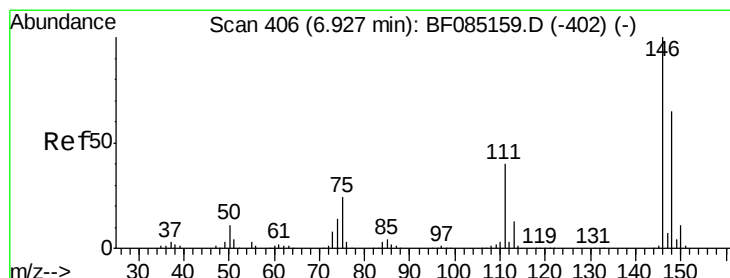
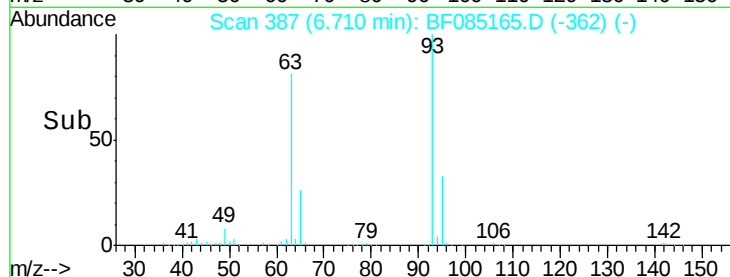
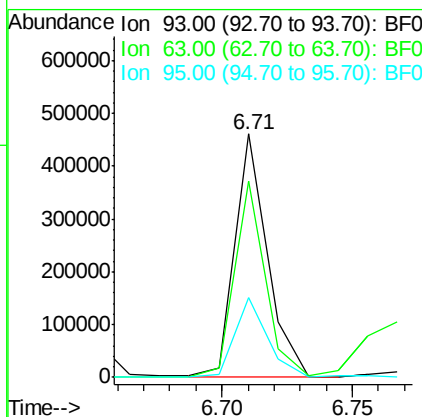
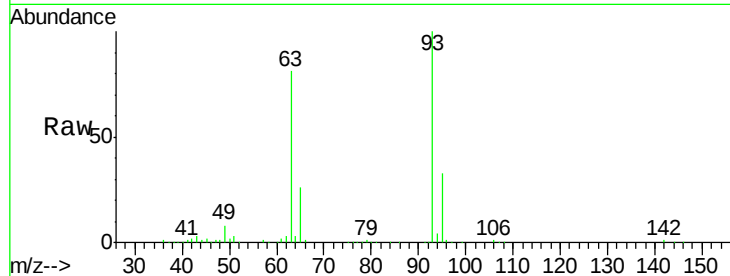
#11
bis(2-Chloroethyl)ether
Concen: 36.66 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion:	93	Resp:	397335
Ion Ratio	Lower	Upper	
93	100		
63	80.7	50.9	90.9
95	32.7	13.7	53.7

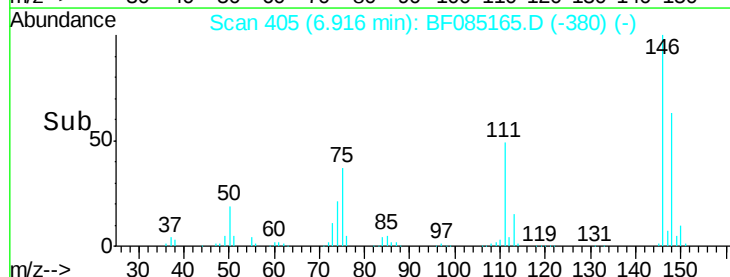
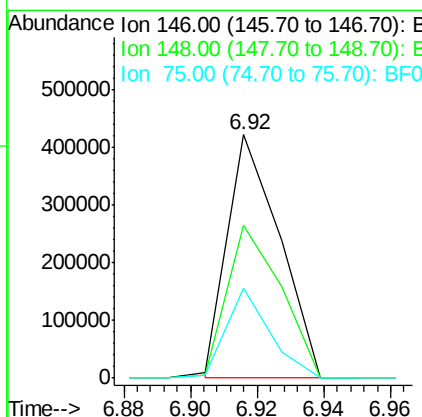
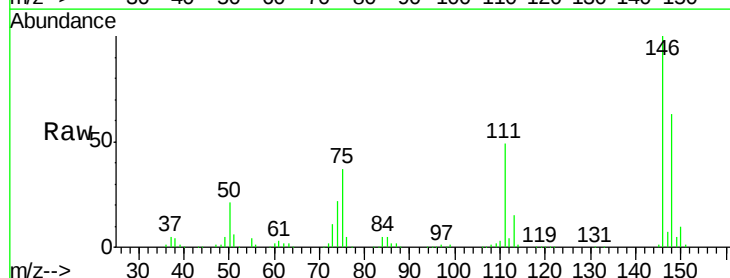
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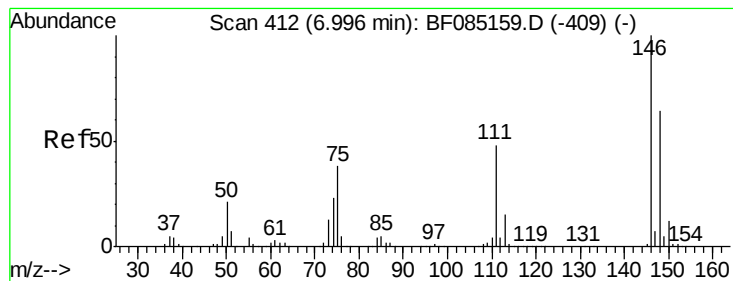
UMANGI
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#12
1,3-Dichlorobenzene
Concen: 37.80 ng m
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion:	146	Resp:	454412
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.1	78.1
75	37.2	19.5	29.3#





#13

1,4-Dichlorobenzene

Concen: 39.67 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

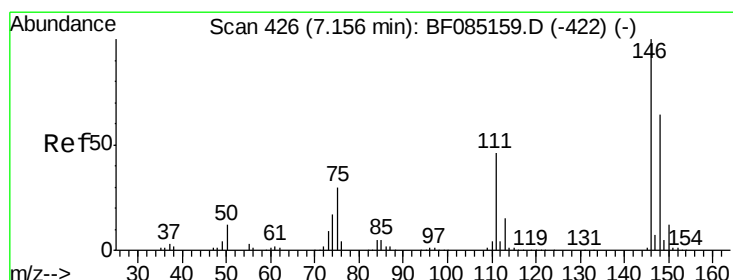
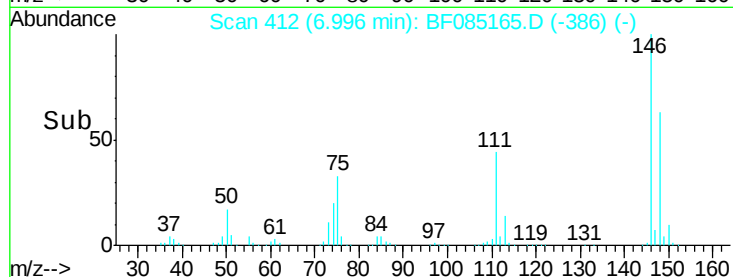
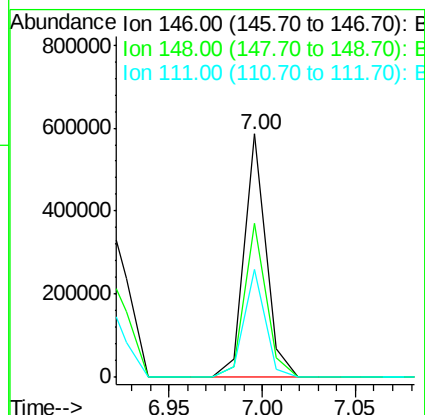
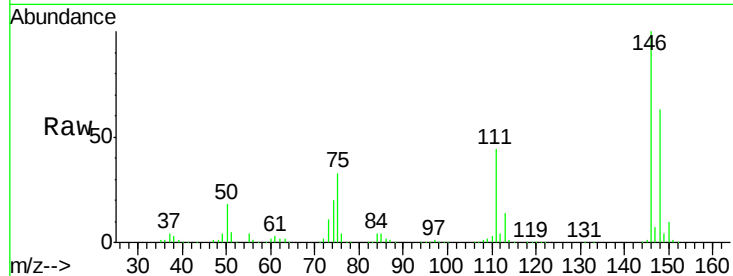
ClientSampleId :

PB88646BS

Tgt Ion:	146	Resp:	477897
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.3	76.9
111	44.3	38.4	57.6

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#14

1,2-Dichlorobenzene

Concen: 40.27 ng

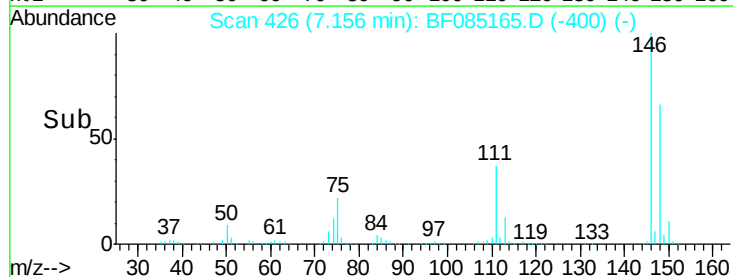
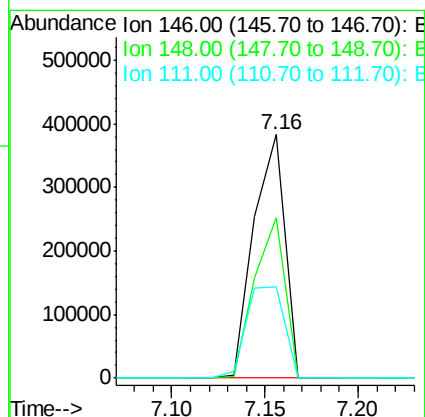
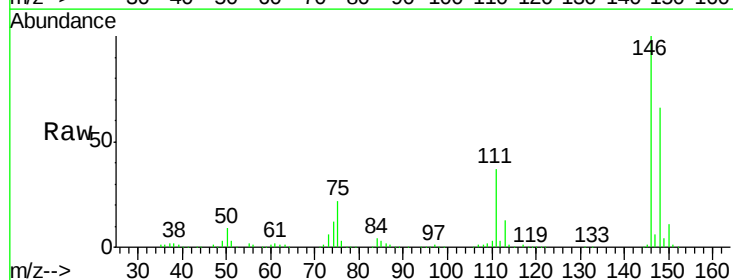
RT: 7.16 min Scan# 426

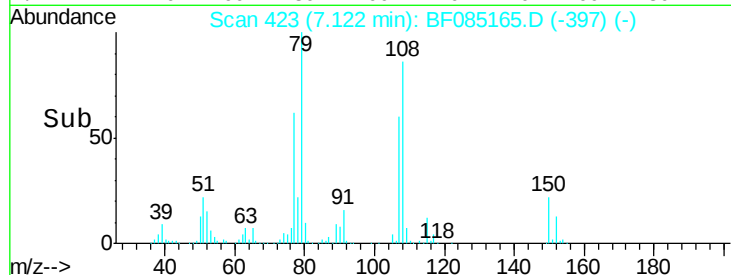
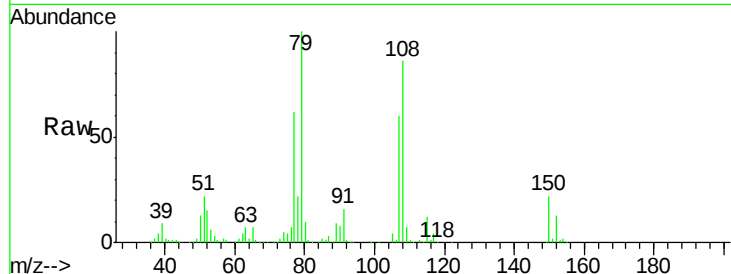
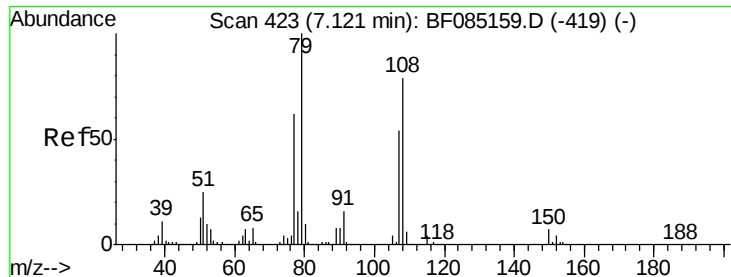
Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion:	146	Resp:	440206
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.4	77.2
111	37.4	36.7	55.1





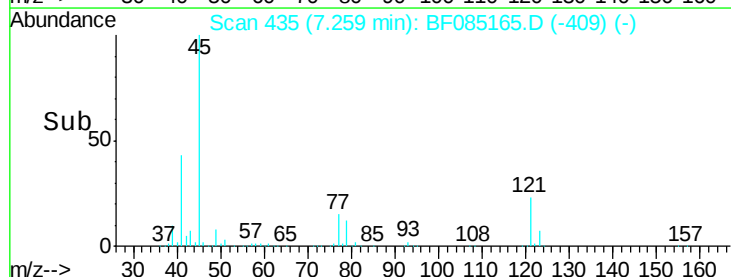
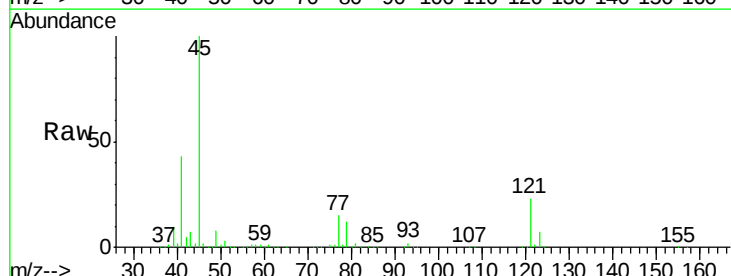
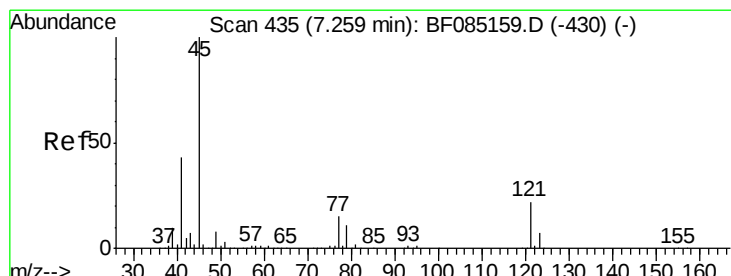
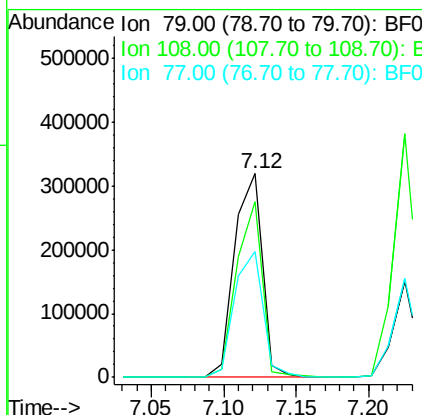
#15
Benzyl Alcohol
Concen: 47.72 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
79	100		
108	86.3	62.9	94.3
77	62.0	49.5	74.3

Instrument :
BNA_F
ClientSampleId :
PB88646BS

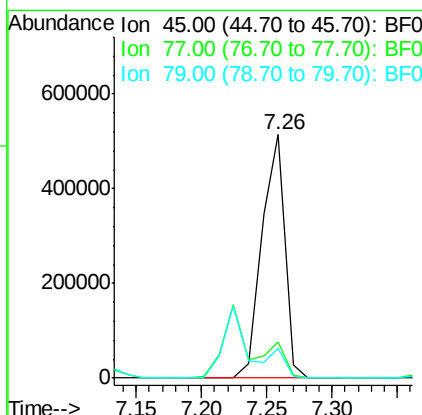
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.40 ng
RT: 7.26 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.1
79	12.1	0.0	31.3





#17

2-Methylphenol

Concen: 40.10 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085165.D

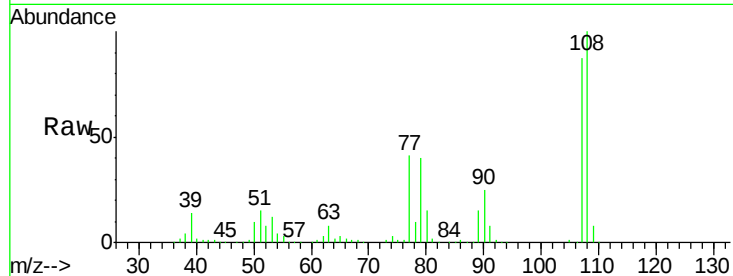
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

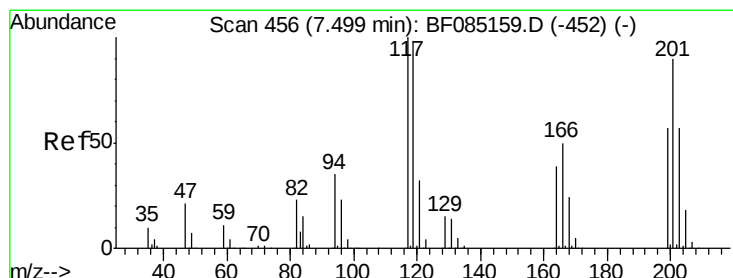
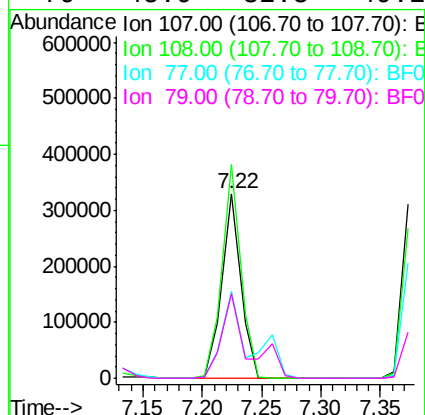
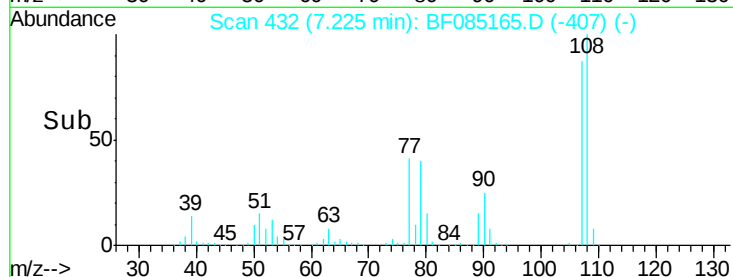
PB88646BS



Tgt Ion:	107	Resp:	366418
Ion Ratio	Lower	Upper	
107	100		
108	115.6	90.9	136.3
77	47.1	32.6	48.8
79	45.9	32.8	49.2

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#18

Hexachloroethane

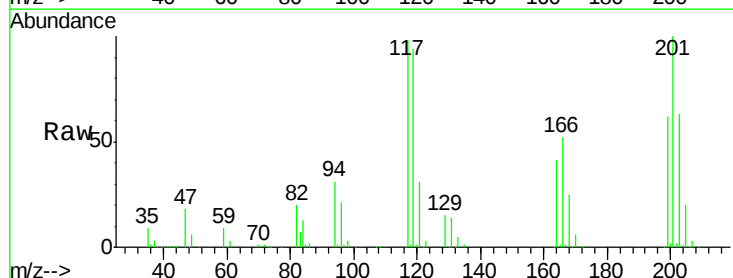
Concen: 41.89 ng

RT: 7.50 min Scan# 456

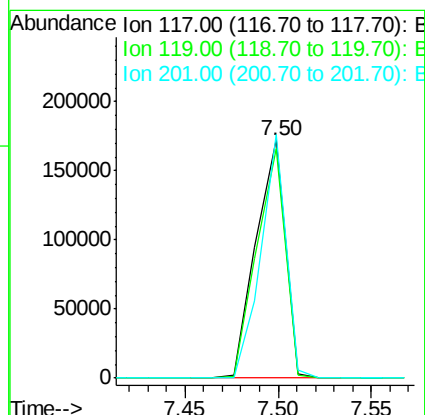
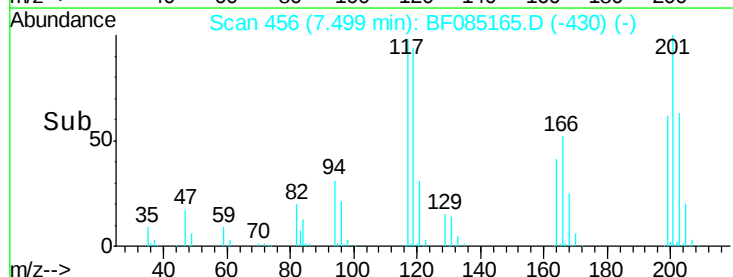
Delta R.T. 0.00 min

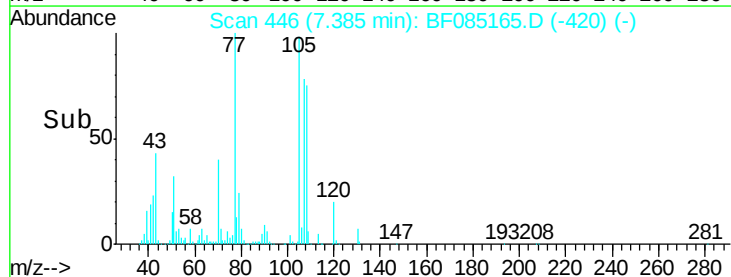
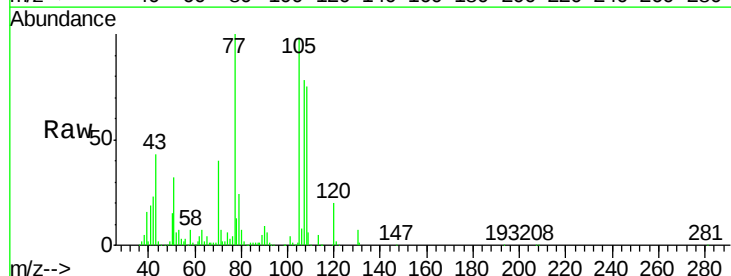
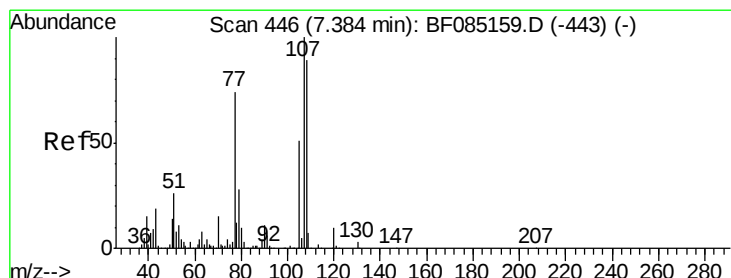
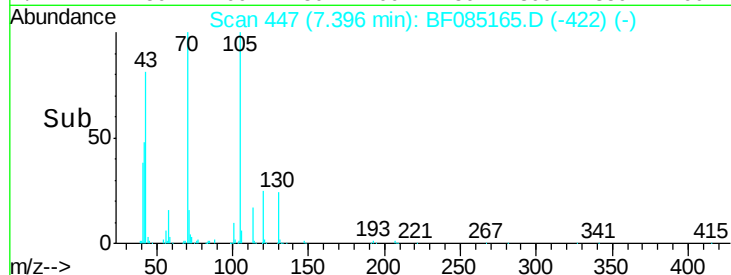
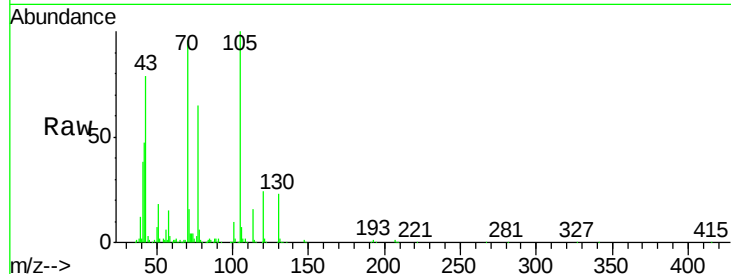
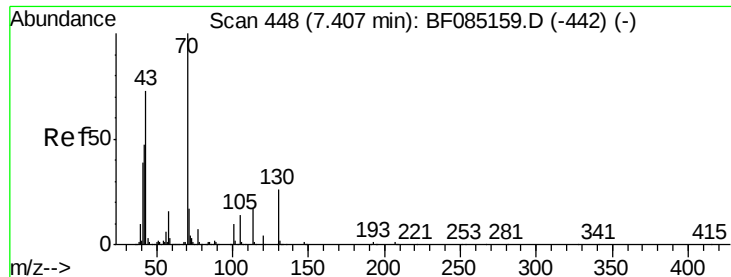
Lab File: BF085165.D

Acq: 3 Mar 2016 19:24



Tgt Ion:	117	Resp:	186195
Ion Ratio	Lower	Upper	
117	100		
119	96.3	78.2	117.4
201	102.2	72.0	108.0

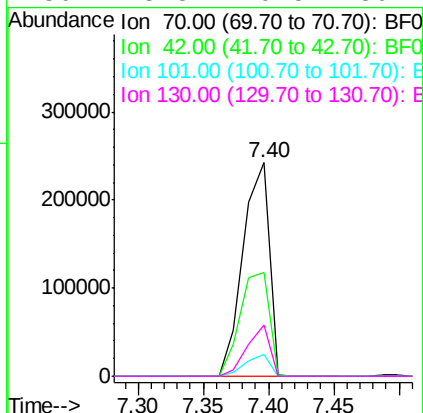




#19
n-Nitroso-di-n-propylamine
Concen: 42.82 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	37.7	56.5
101	10.4	8.2	12.4
130	23.8	20.5	30.7

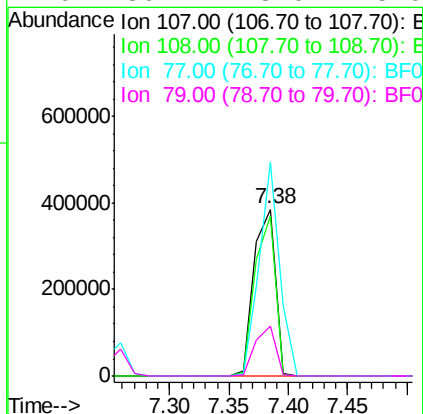


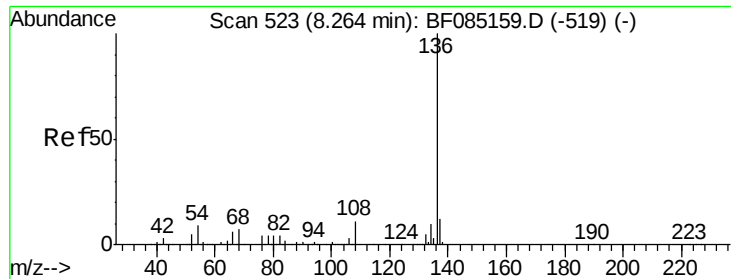
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#20
3+4-Methylphenols
Concen: 45.39 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	68.8	108.8
77	128.0	53.6	93.6#
79	30.2	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085165.D

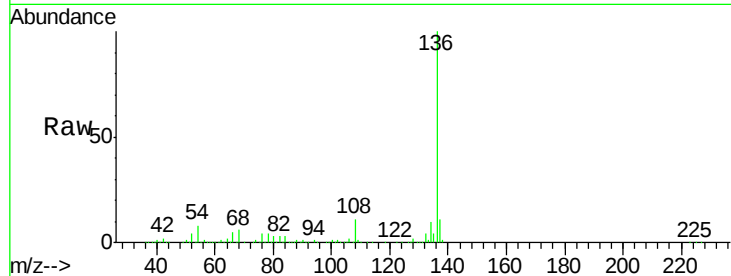
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

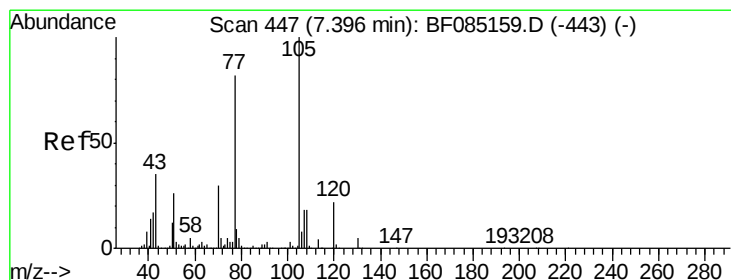
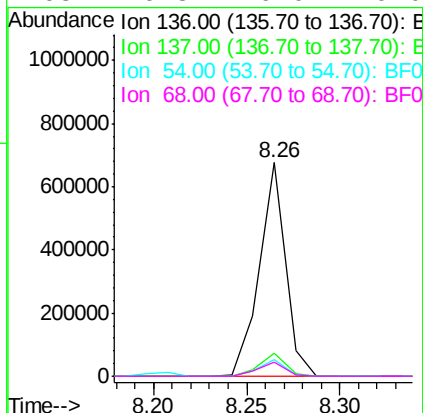
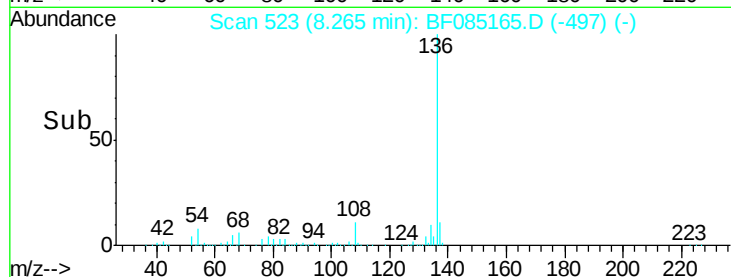
PB88646BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	654779		
137	11.0	9.3	13.9	
54	7.8	7.4	11.2	
68	6.3	6.0	9.0	

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#22

Acetophenone

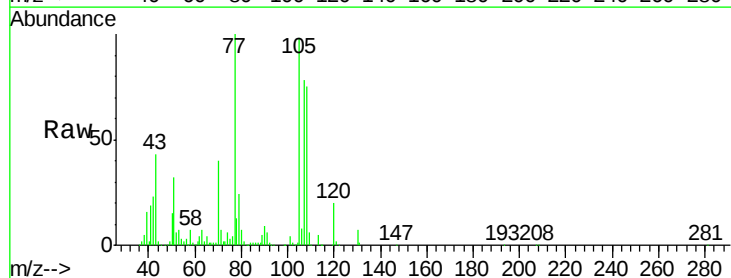
Concen: 37.08 ng

RT: 7.38 min Scan# 446

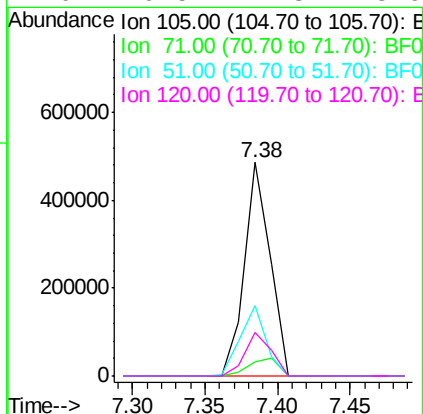
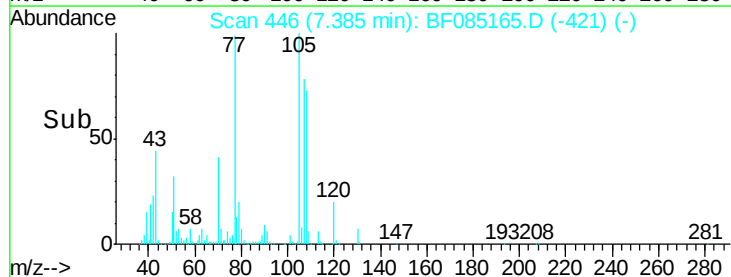
Delta R.T. -0.01 min

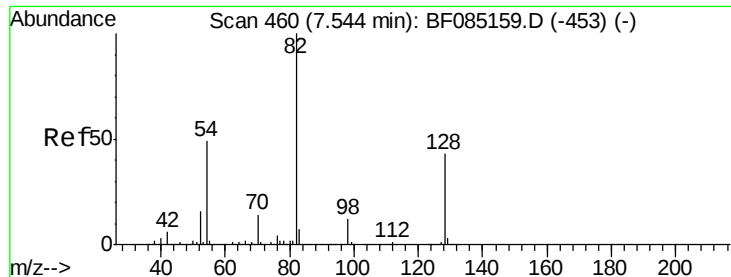
Lab File: BF085165.D

Acq: 3 Mar 2016 19:24



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	592557		
71	6.6	4.1	6.1#	
51	33.0	21.1	31.7#	
120	20.5	17.3	25.9	





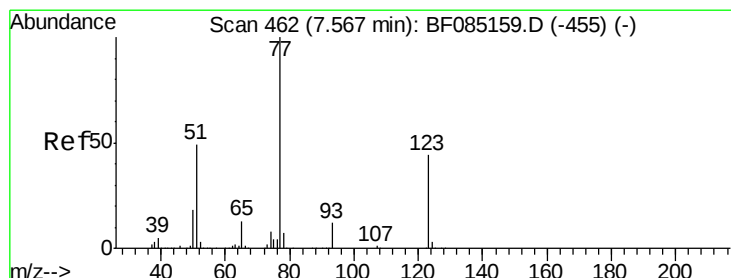
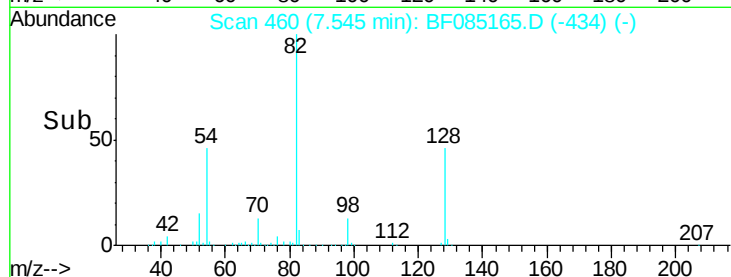
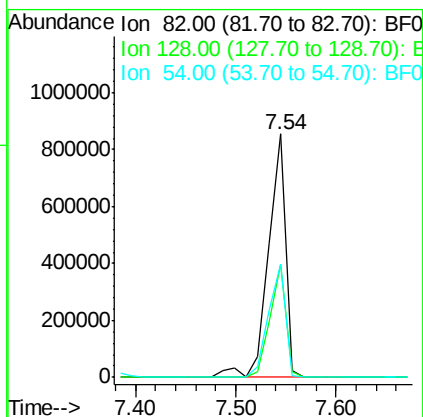
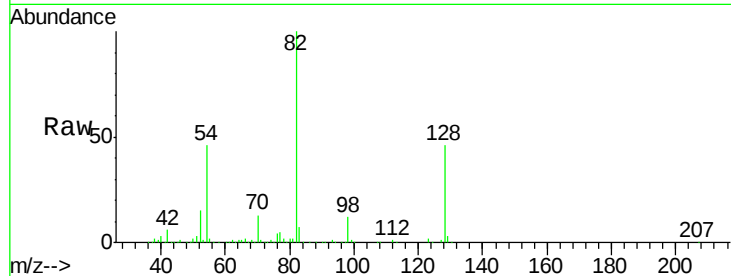
#23
 Nitrobenzene-d5
 Concen: 82.98 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion: 82 Resp: 1015386
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.5 51.7
 54 46.4 39.3 58.9

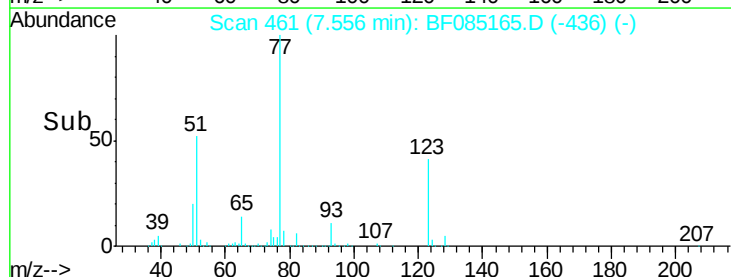
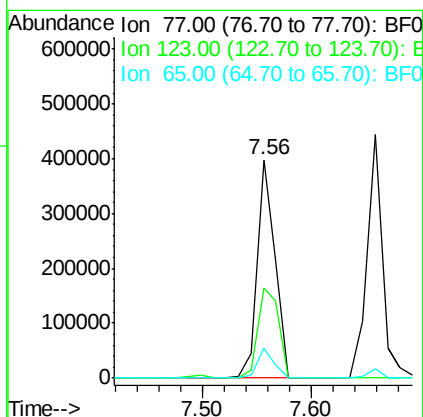
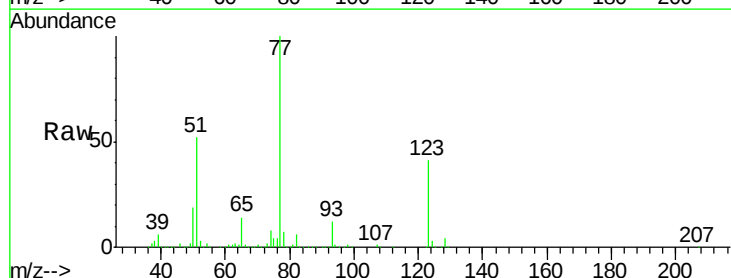
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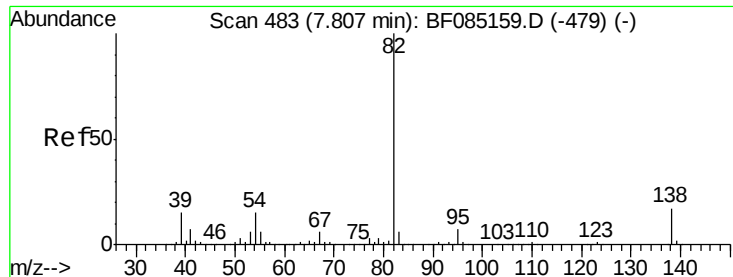
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#24
 Nitrobenzene
 Concen: 36.70 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion: 77 Resp: 456247
 Ion Ratio Lower Upper
 77 100
 123 41.4 35.4 53.2
 65 13.5 10.6 16.0





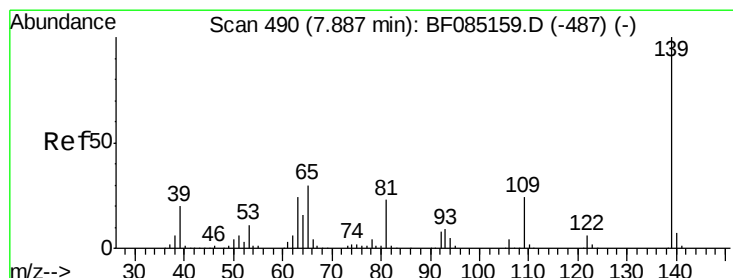
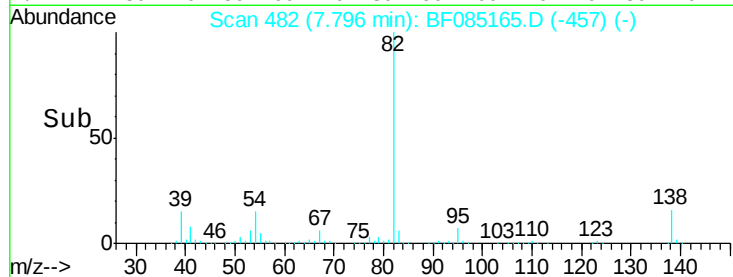
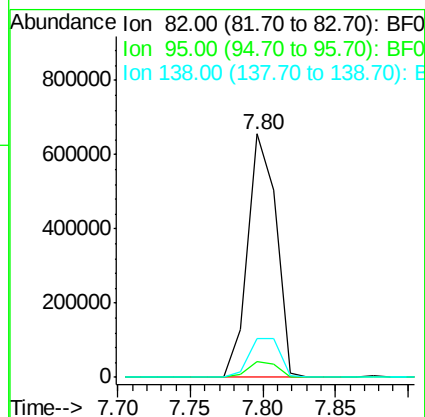
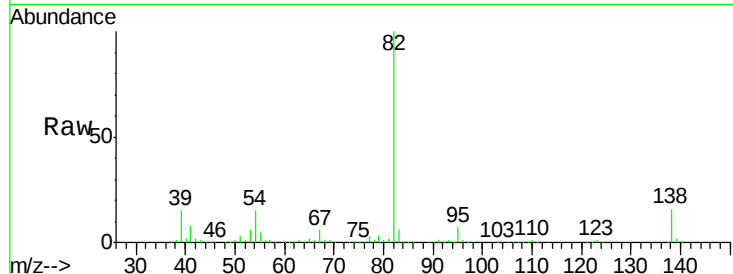
#25
Isophorone
Concen: 39.50 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	895762		
95	6.6	5.4	8.2	
138	15.8	13.3	19.9	

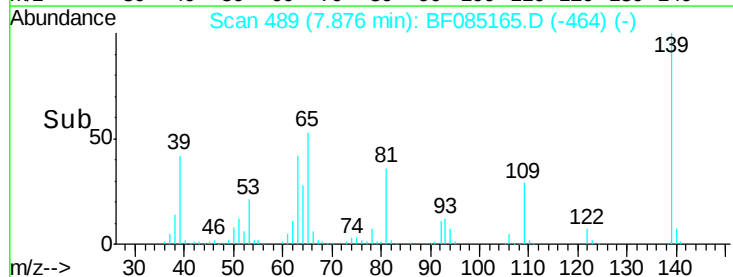
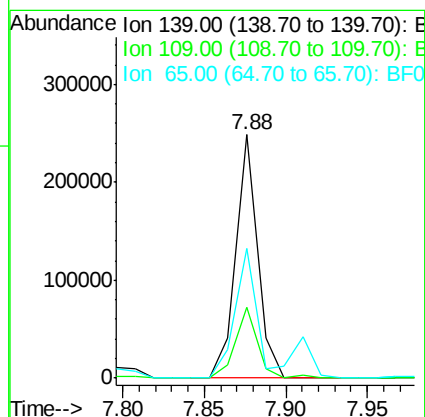
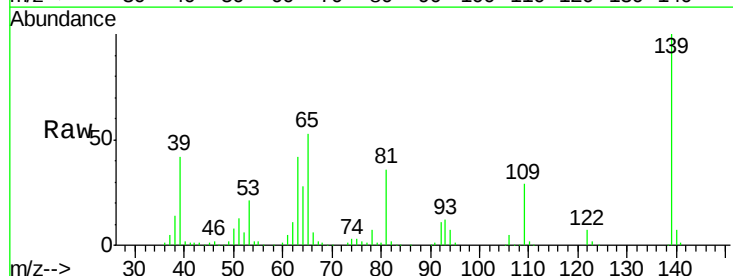
Manual Integrations
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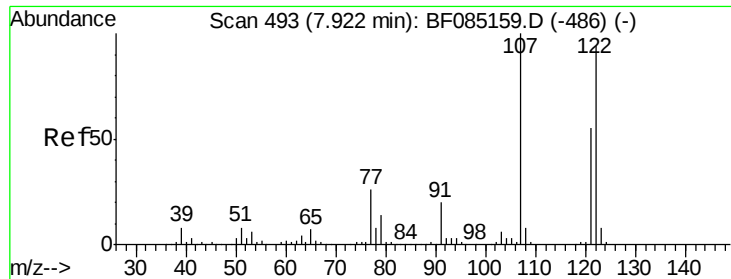
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#26
2-Nitrophenol
Concen: 37.70 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	228032		
109	29.2	19.1	28.7#	
65	53.3	23.9	35.9#	





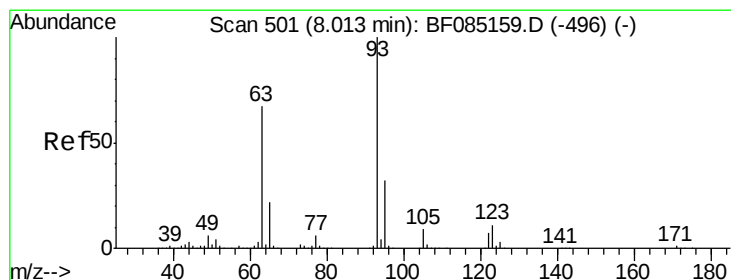
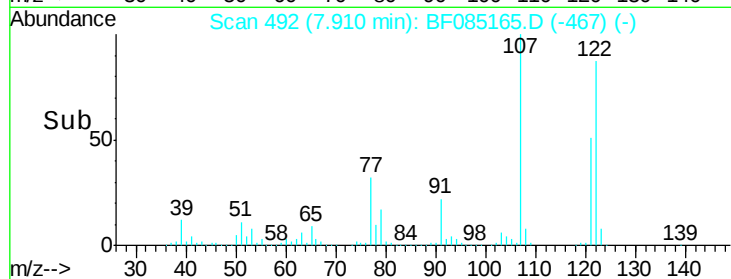
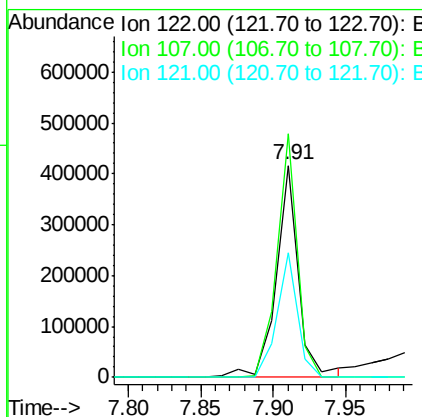
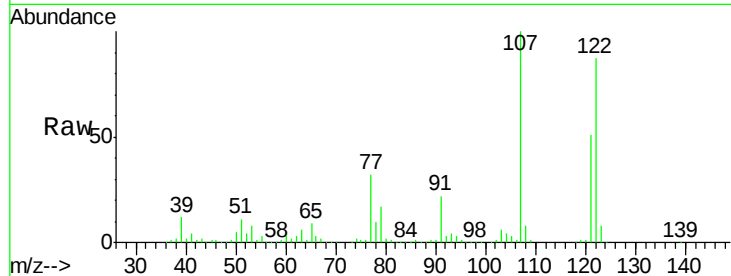
#27
 2,4-Dimethylphenol
 Concen: 39.90 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	441109		
107	114.8	84.8	127.2	
121	58.5	47.0	70.6	

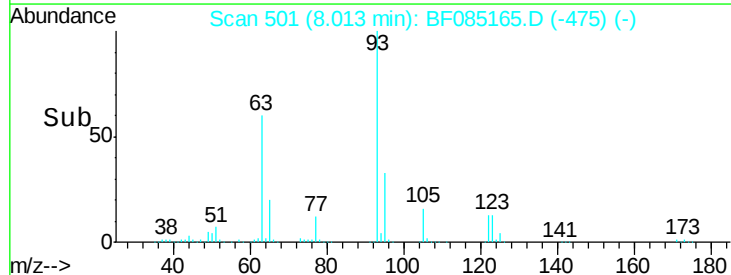
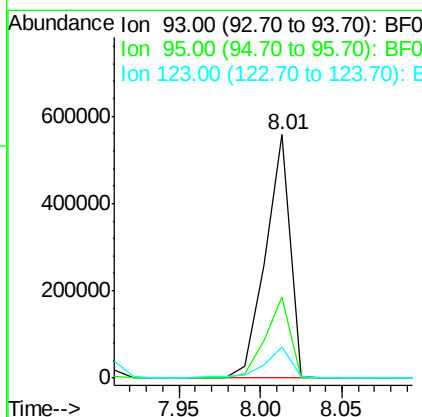
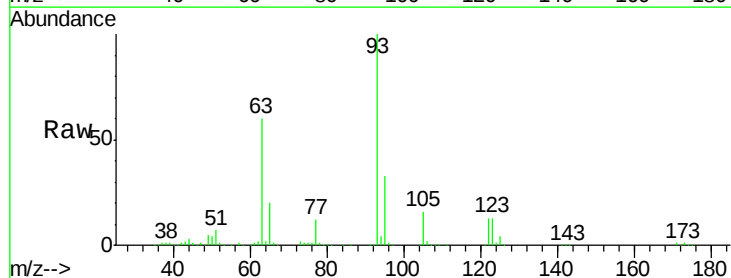
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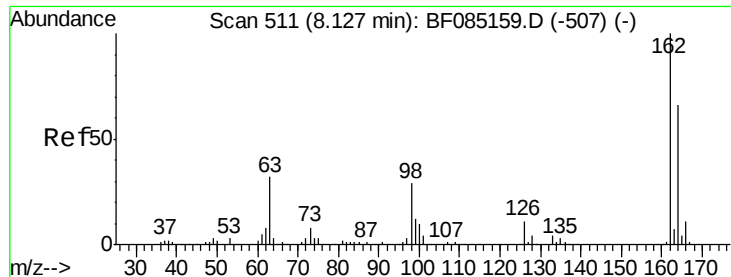
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.33 ng
 RT: 8.01 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	585134		
95	33.1	25.9	38.9	
123	12.5	8.8	13.2	





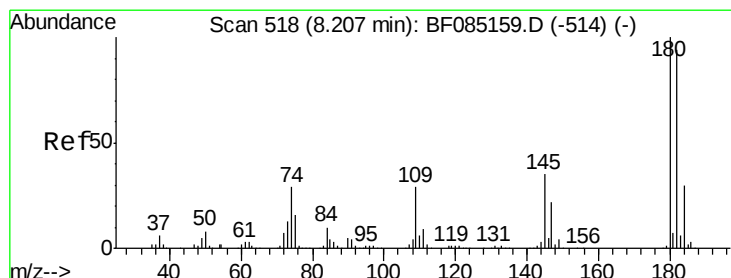
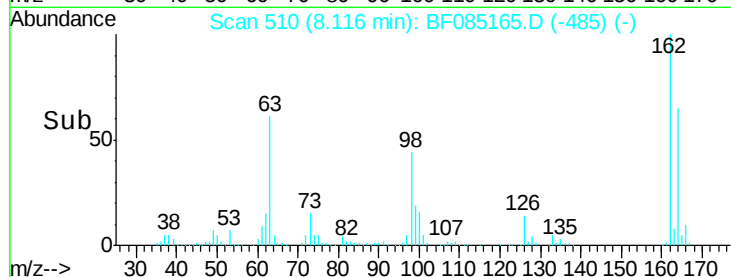
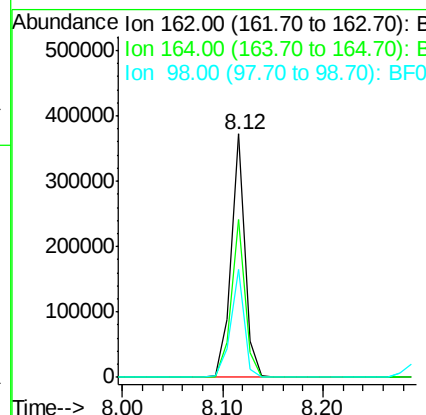
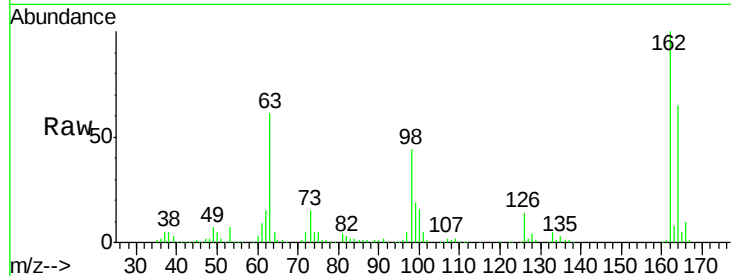
#29
 2,4-Dichlorophenol
 Concen: 40.36 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	359848		
164	64.8	45.7	85.7	
98	44.1	9.4	49.4	

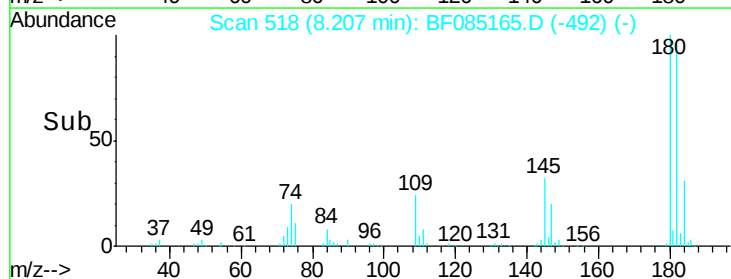
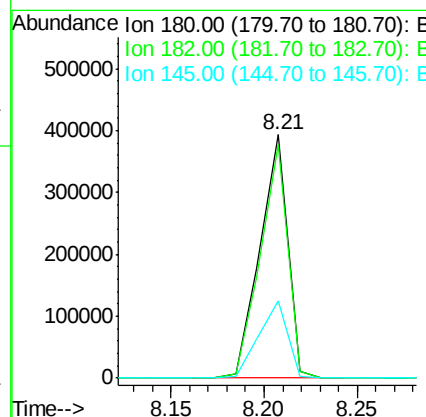
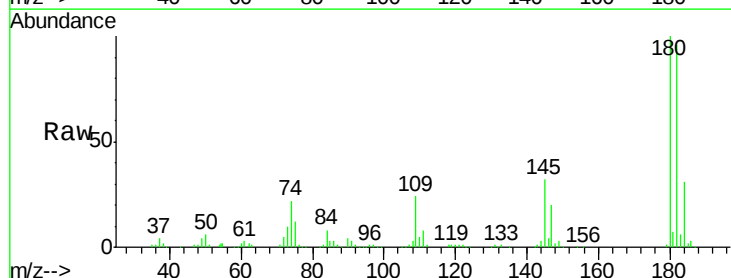
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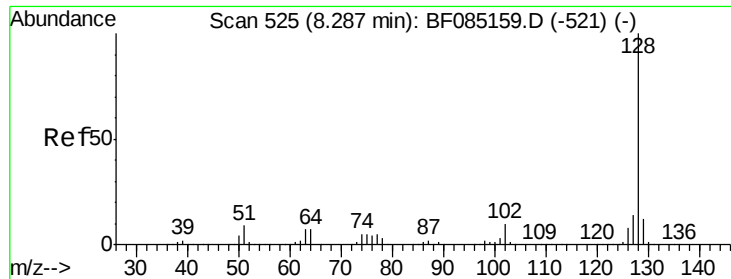
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.75 ng
 RT: 8.21 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	402464		
182	96.0	74.9	112.3	
145	31.9	27.9	41.9	





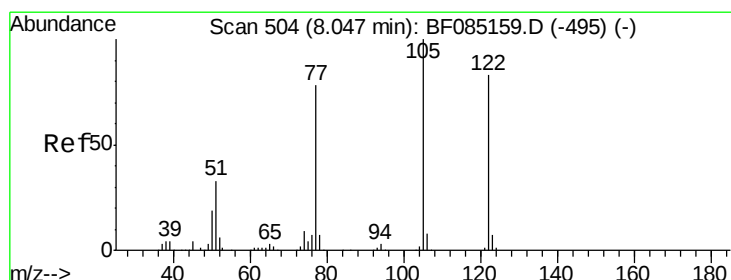
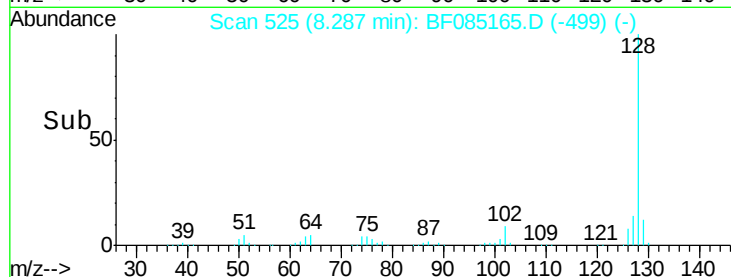
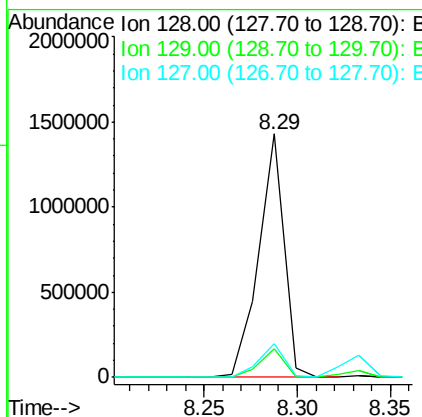
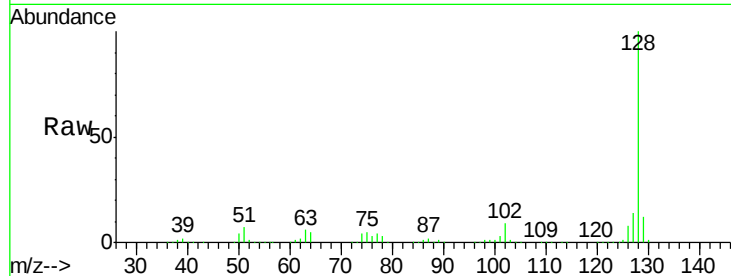
#31
Naphthalene
Concen: 41.63 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion:128 Resp: 1340386
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.8 11.2 16.8

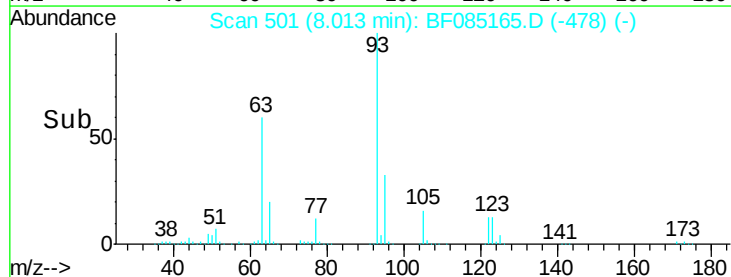
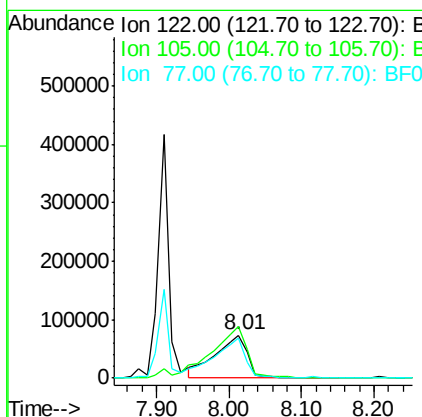
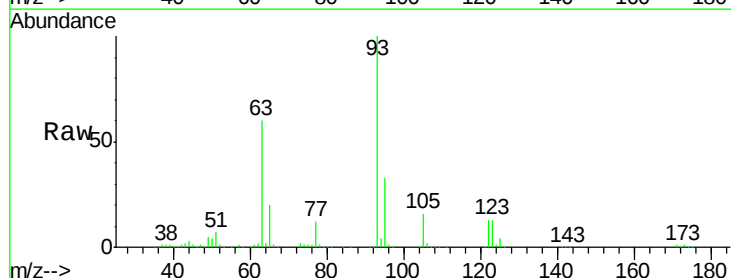
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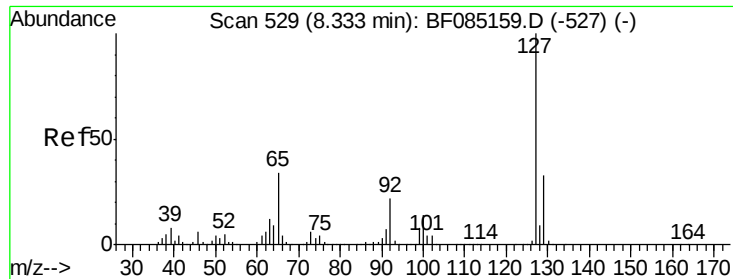
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#32
Benzoic acid
Concen: 30.82 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion:122 Resp: 226274
Ion Ratio Lower Upper
122 100
105 121.9 101.3 141.3
77 94.2 74.7 114.7





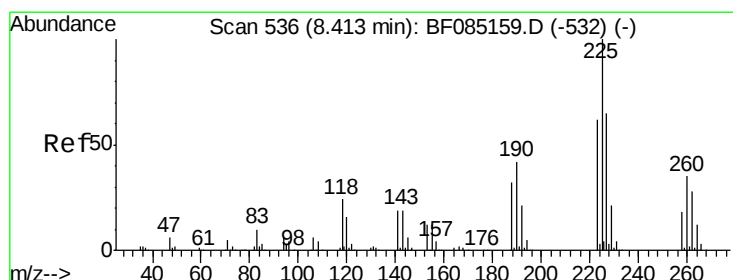
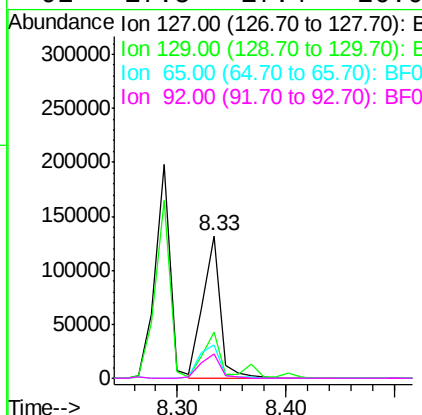
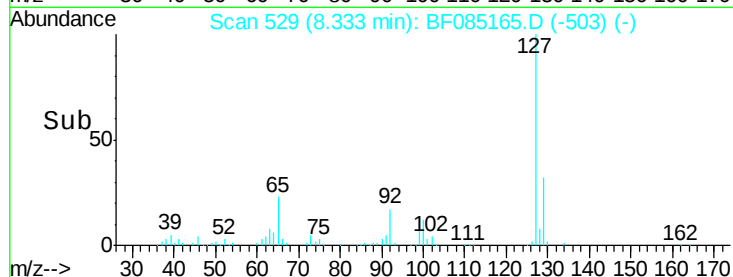
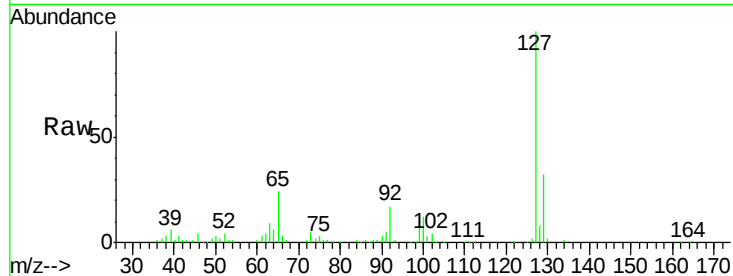
#33
4-Chloroaniline
Concen: 11.45 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	149099		
129	32.2	26.1	39.1	
65	23.8	27.0	40.6	
92	17.5	17.4	26.0	

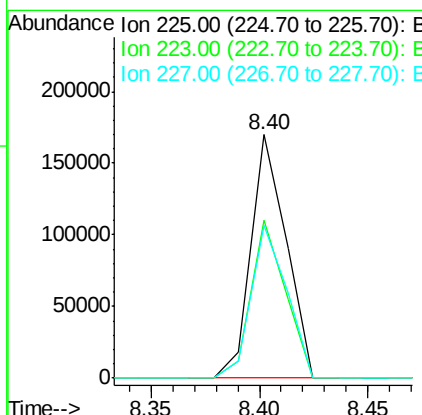
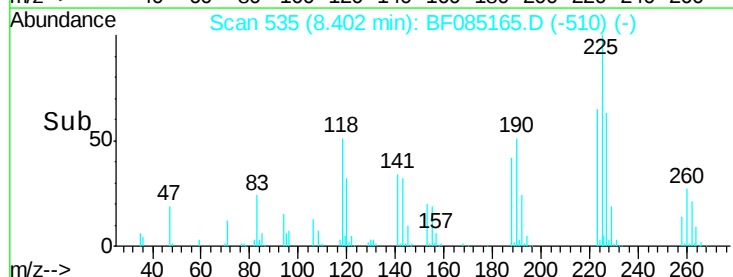
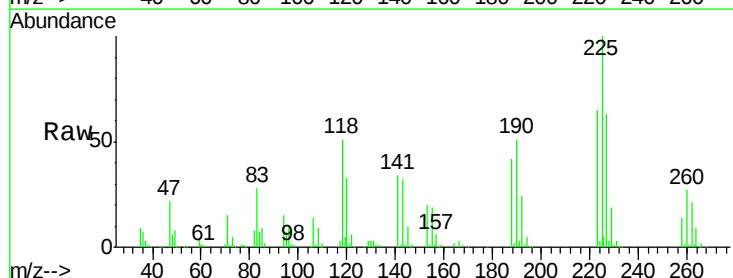
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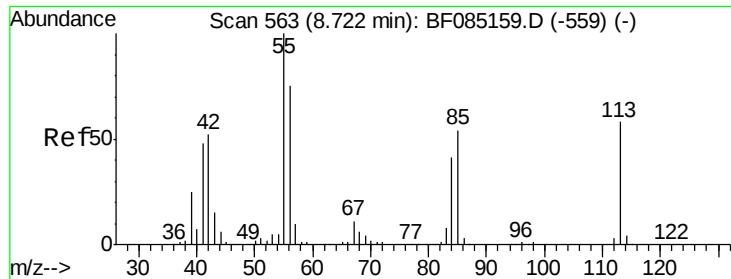
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#34
Hexachlorobutadiene
Concen: 38.10 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191079		
223	64.8	49.7	74.5	
227	62.5	52.2	78.4	





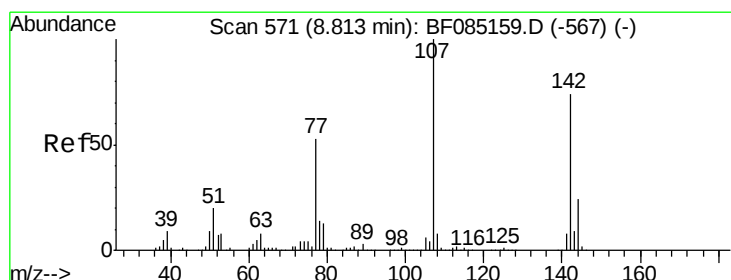
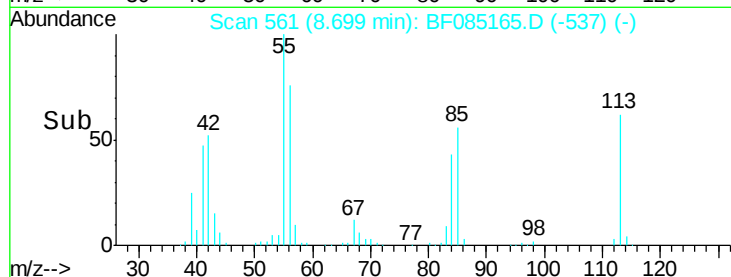
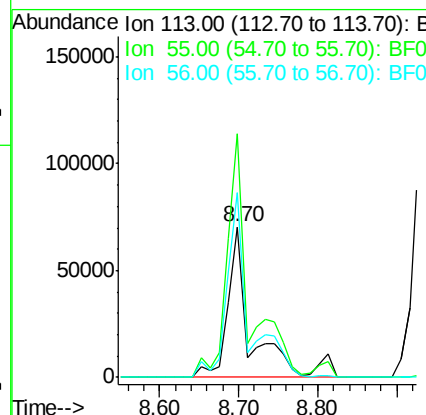
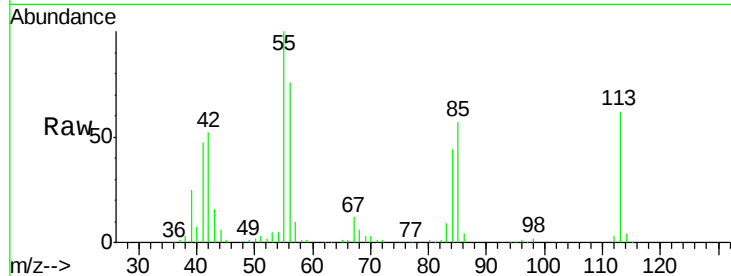
#35
 Caprolactam
 Concen: 49.03 ng m
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion:113 Resp: 142762
 Ion Ratio Lower Upper
 113 100
 55 161.9 152.7 192.7
 56 122.5 109.0 149.0

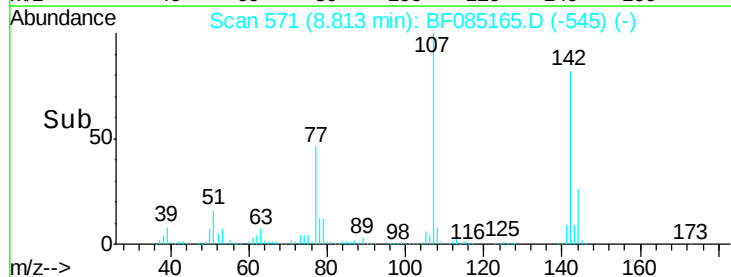
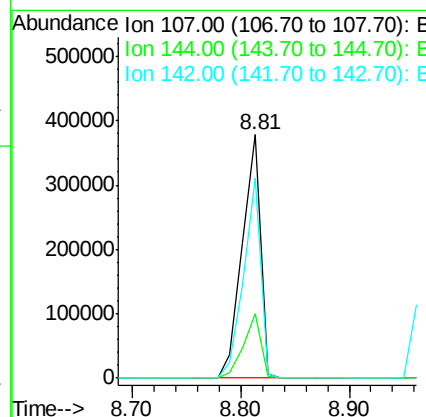
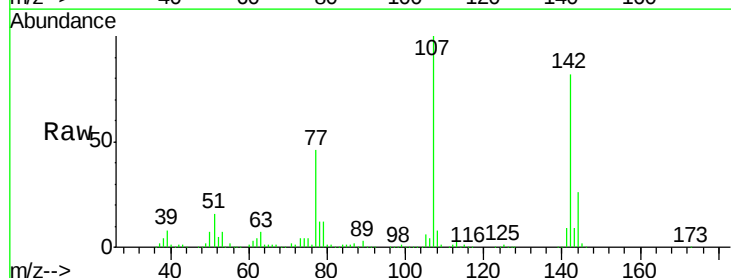
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#36
 4-Chloro-3-methylphenol
 Concen: 43.07 ng
 RT: 8.81 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion:107 Resp: 435651
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.4 29.2
 142 82.4 59.4 89.2





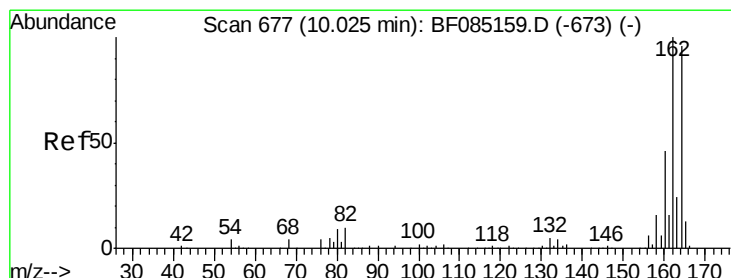
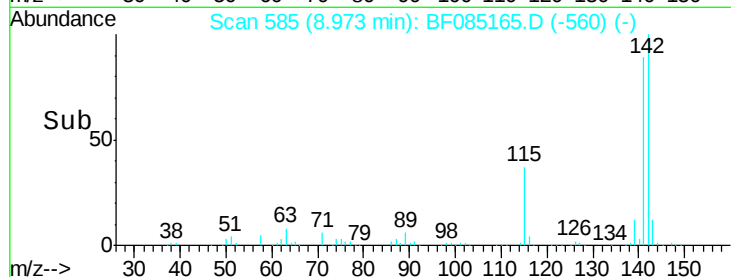
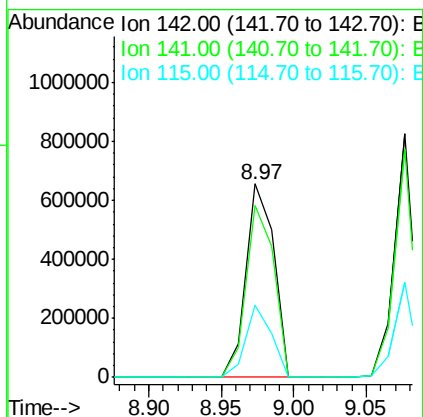
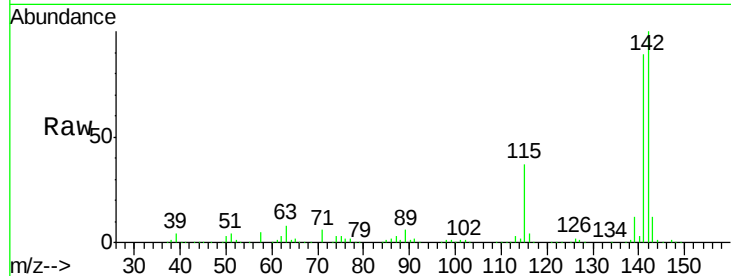
#37
2-Methylnaphthalene
Concen: 42.34 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	874855		
141	89.2	71.7	107.5	
115	37.2	26.2	39.4	

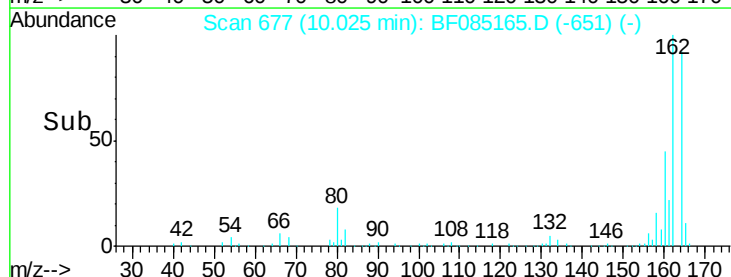
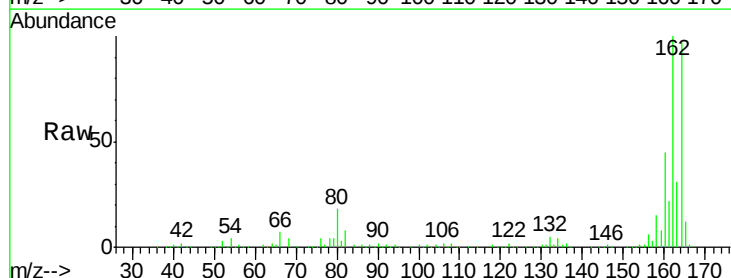
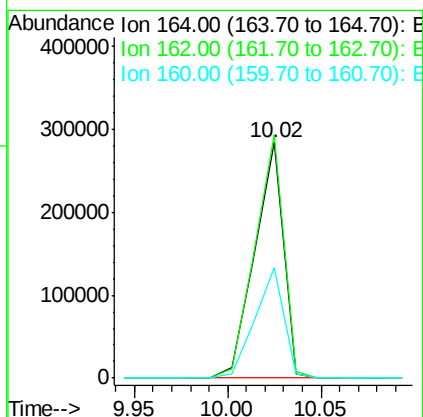
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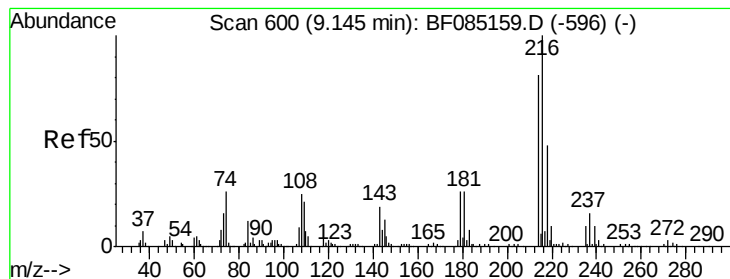
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	301685		
162	103.3	83.3	124.9	
160	46.6	37.9	56.9	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.32 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085165.D

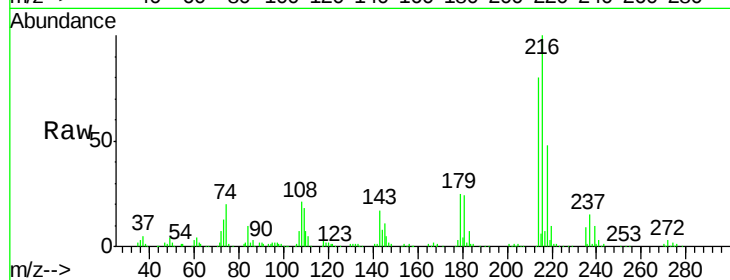
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB88646BS



Tgt Ion:216 Resp: 339233

Ion Ratio Lower Upper

216 100

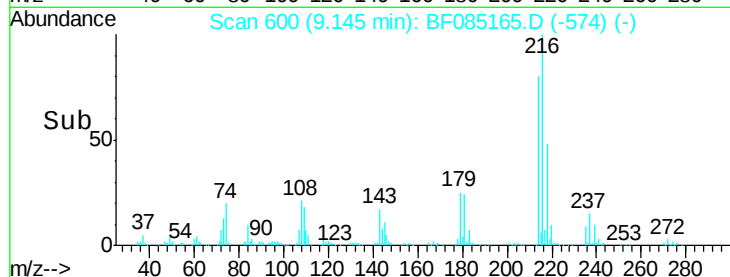
214 80.3 63.8 95.6

179 24.8 19.6 29.4

108 26.2 19.6 29.4

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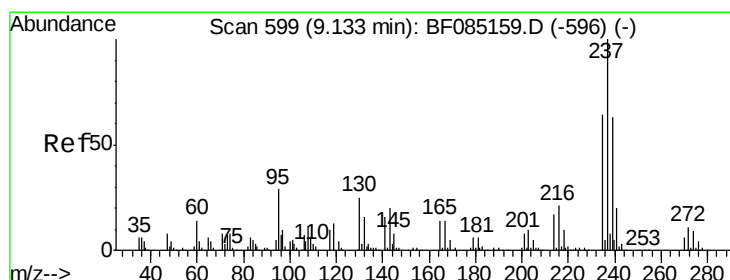
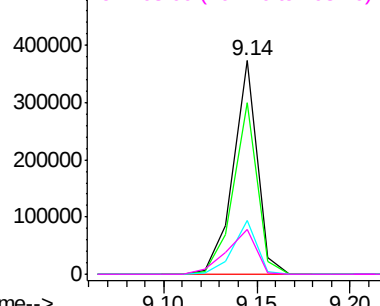


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.80 ng

RT: 9.13 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

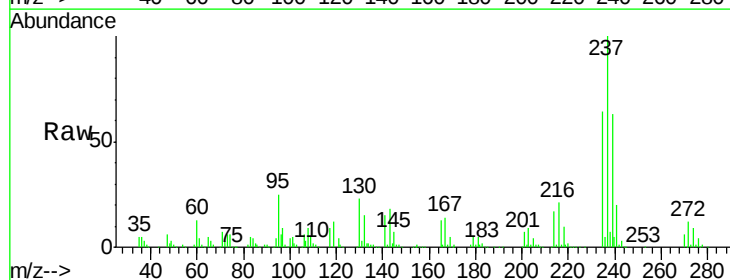
Tgt Ion:237 Resp: 399256

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

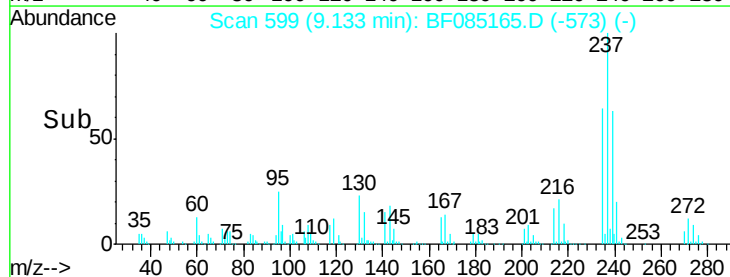
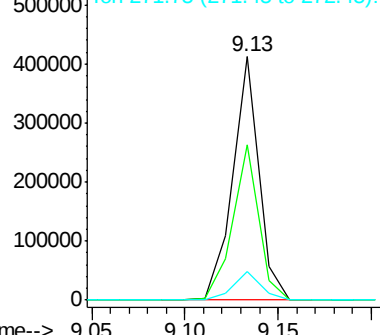
272 11.7 0.0 31.5

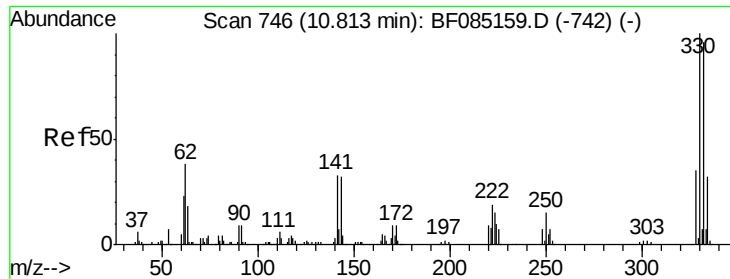


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





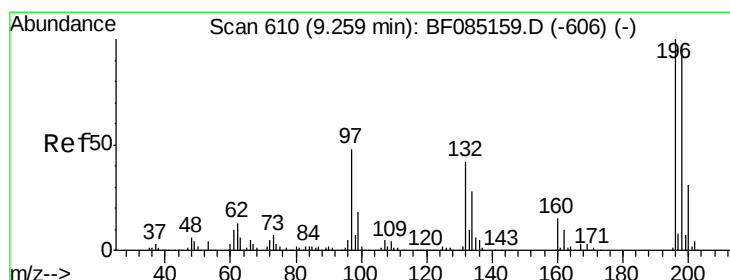
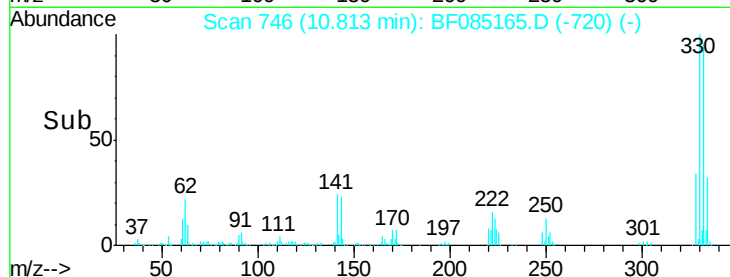
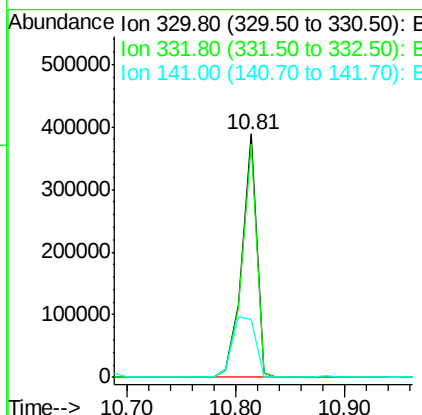
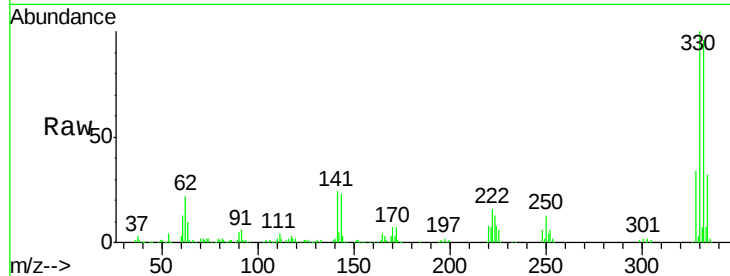
#41
 2,4,6-Tribromophenol
 Concen: 139.39 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	359815		
332	96.0	77.1	115.7	
141	39.1	35.0	52.6	

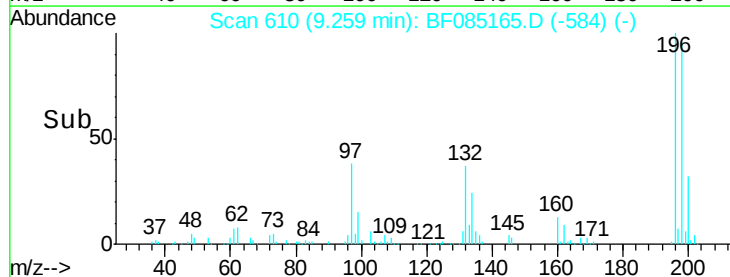
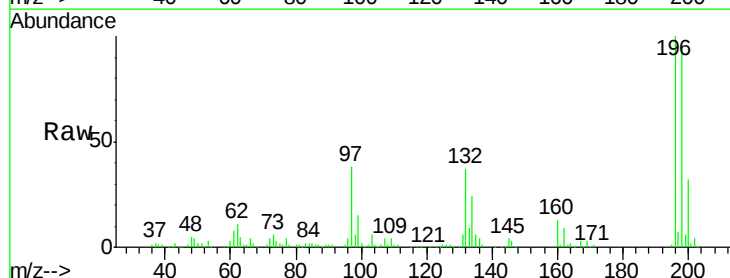
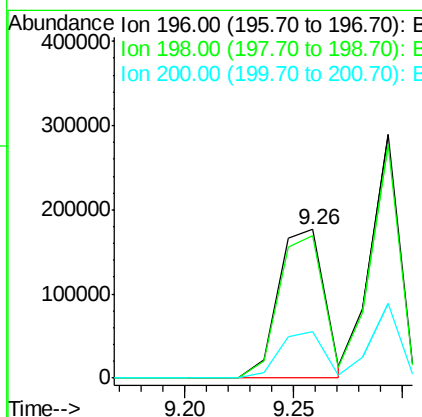
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#42
 2,4,6-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.26 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

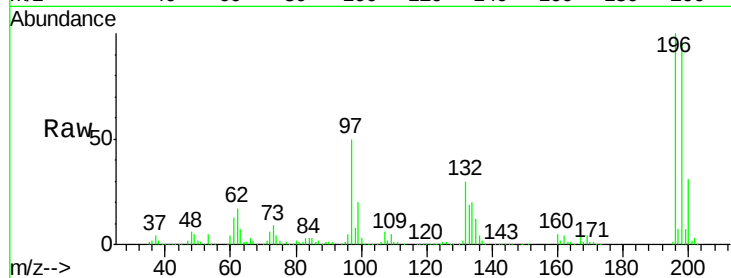
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260833		
198	96.1	77.8	116.6	
200	31.7	25.0	37.6	





#43
2,4,5-Trichlorophenol
Concen: 44.25 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

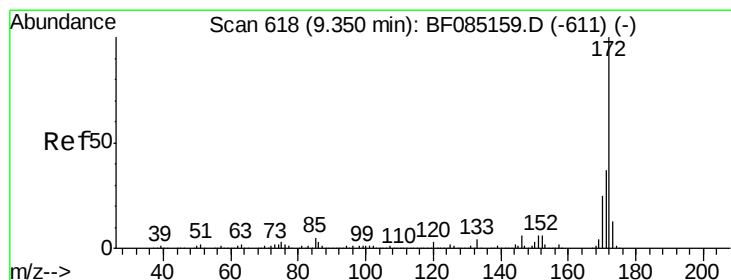
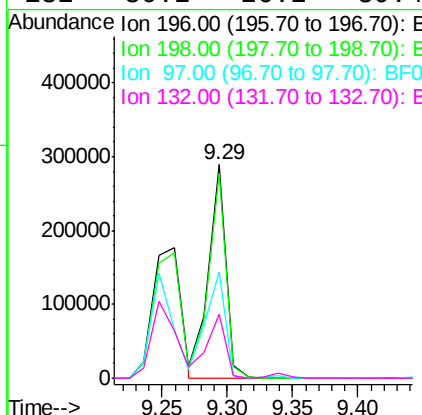
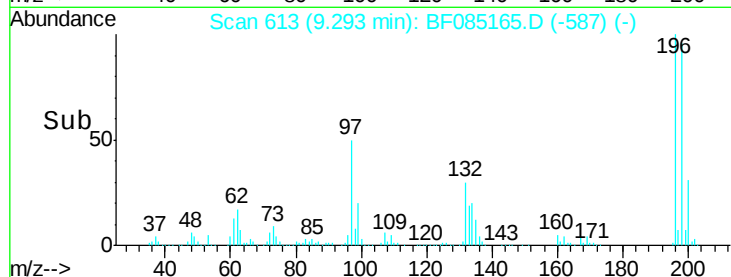
Instrument :
BNA_F
ClientSampleId :
PB88646BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269478		
198	96.0	75.7	113.5	
97	50.0	46.4	69.6	
132	30.2	26.2	39.4	

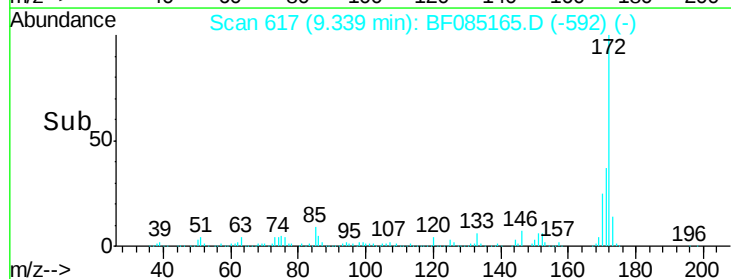
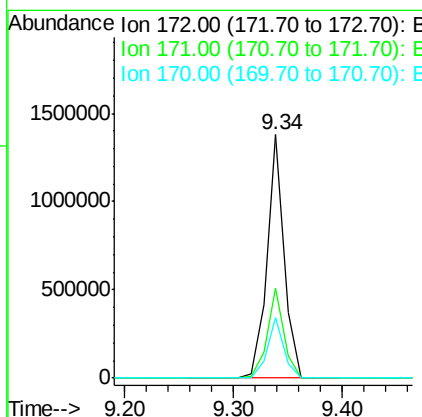
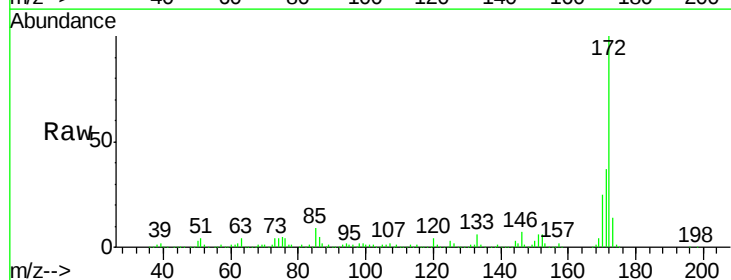
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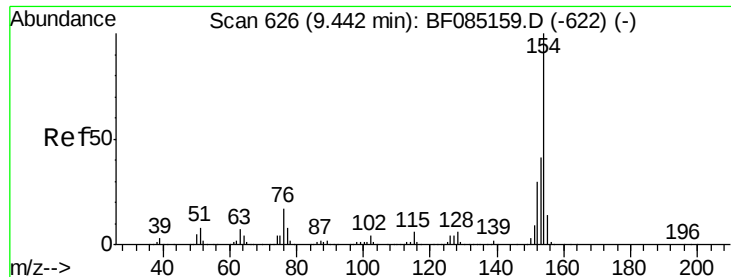
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#44
2-Fluorobiphenyl
Concen: 75.89 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1505489		
171	36.9	29.3	43.9	
170	24.9	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 39.38 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB88646BS

Tgt Ion:154 Resp: 1015022

Ion Ratio Lower Upper

154 100

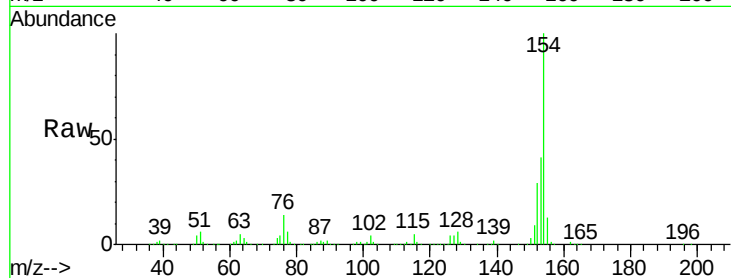
153 41.0 21.4 61.4

76 14.3 0.0 37.5

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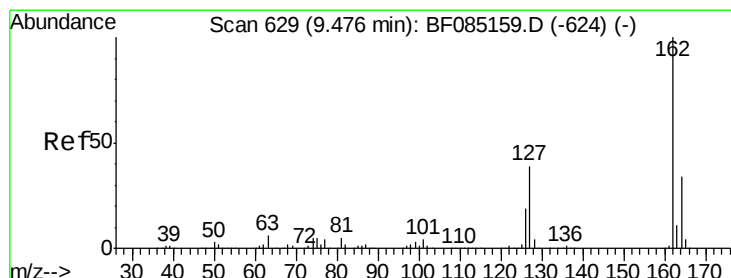
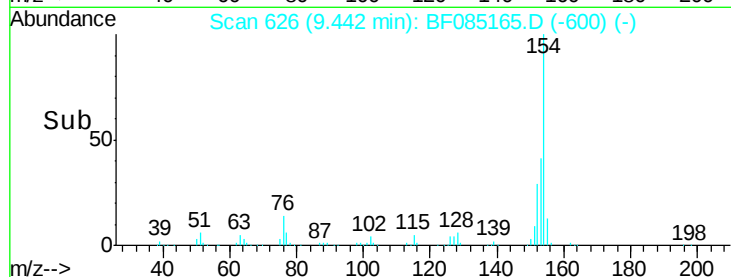
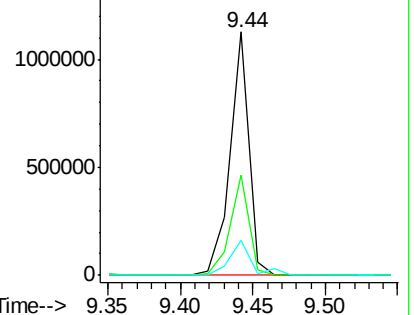
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.81 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

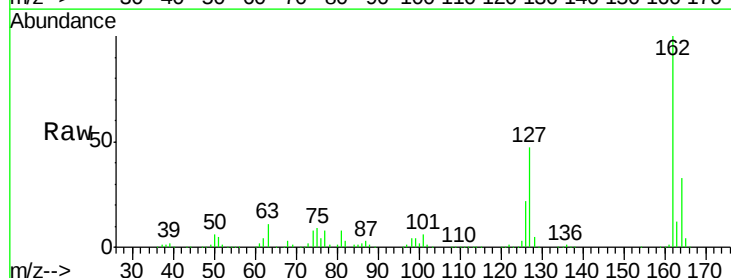
Tgt Ion:162 Resp: 742911

Ion Ratio Lower Upper

162 100

127 47.5 31.6 47.4#

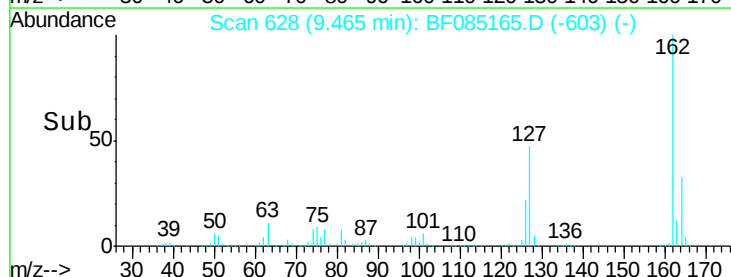
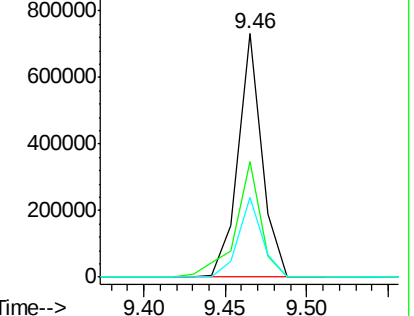
164 32.8 27.1 40.7

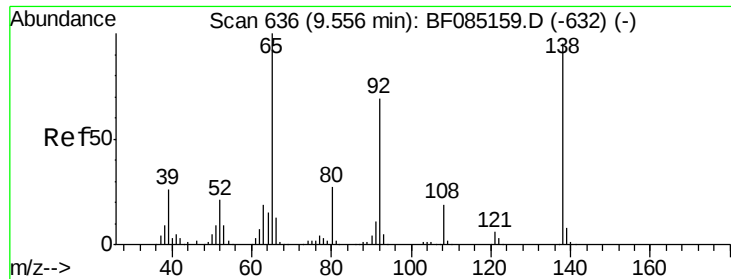


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





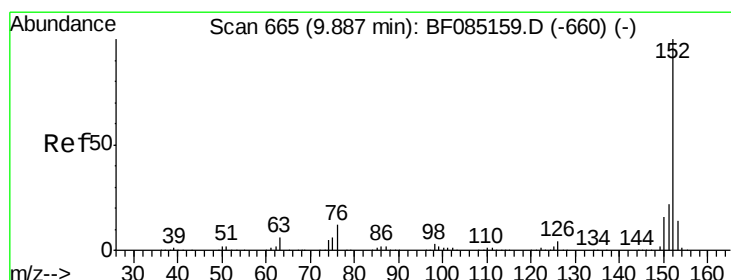
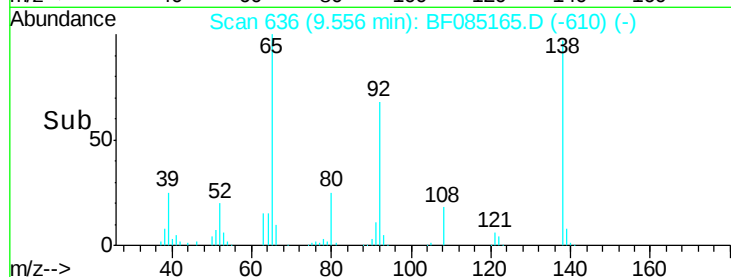
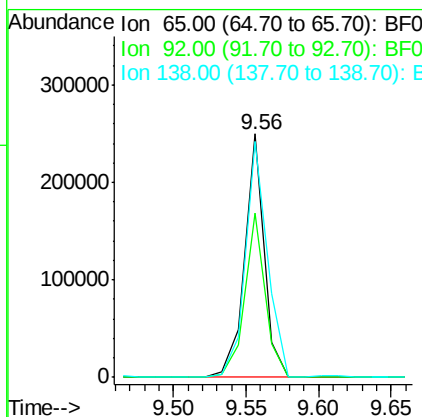
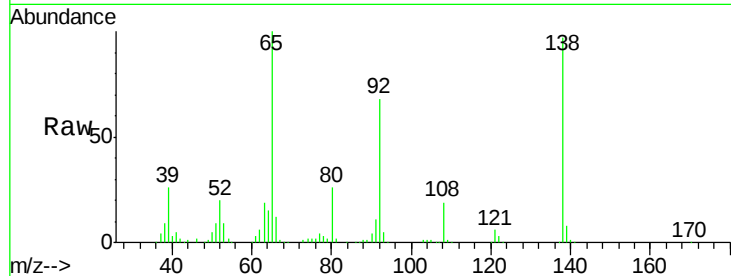
#47
2-Nitroaniline
Concen: 38.47 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.4	83.2
138	97.1	75.7	113.5

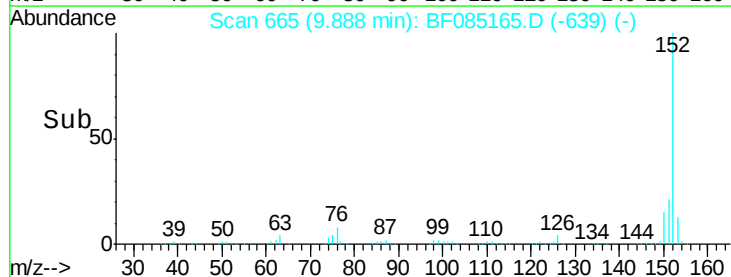
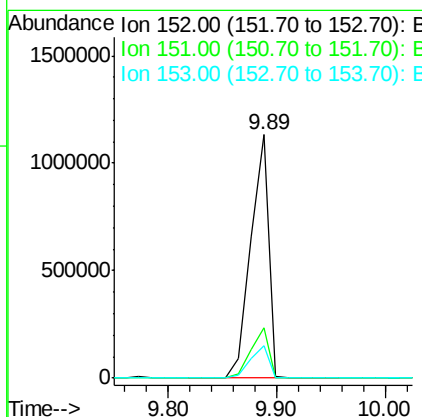
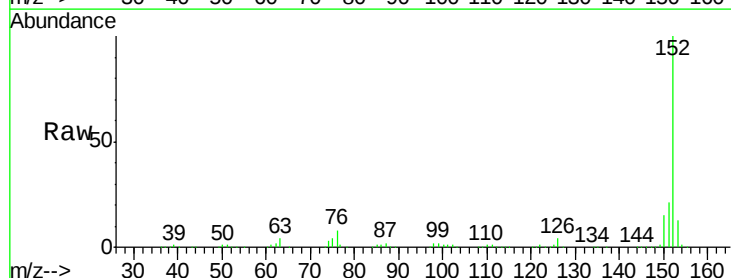
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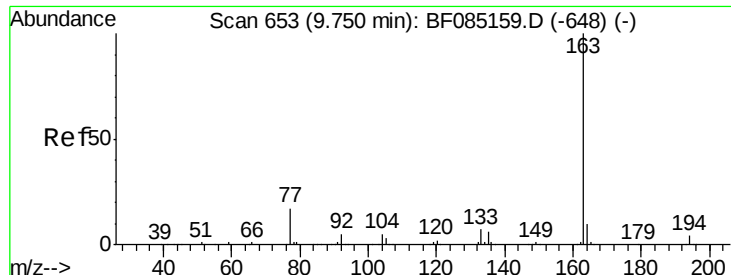
UMANGI
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#48
Acenaphthylene
Concen: 42.50 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.5	26.3
153	13.1	11.3	16.9





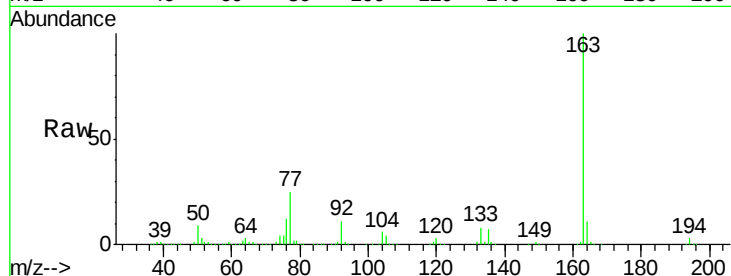
#49
Dimethylphthalate
Concen: 37.23 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

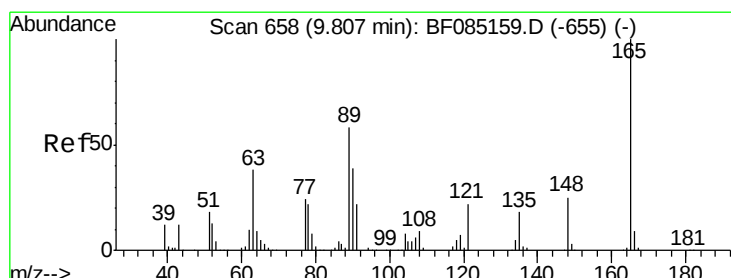
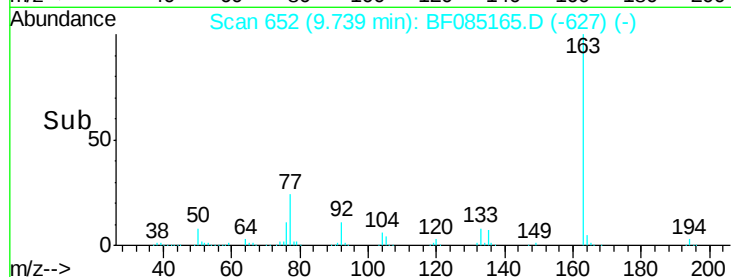
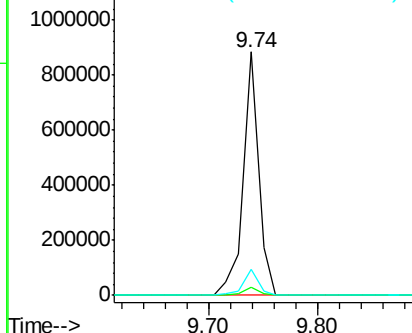
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	3.1	4.7
164	10.6	8.2	12.4

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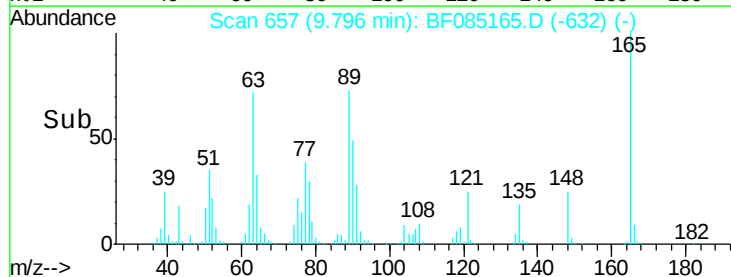
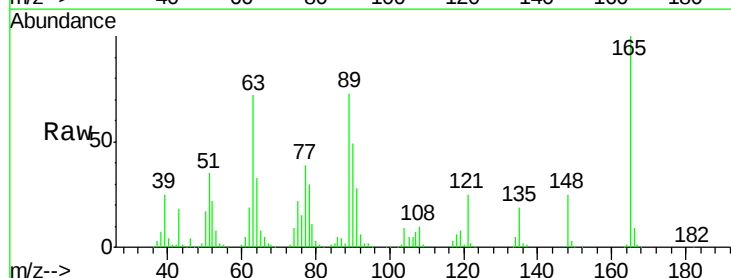
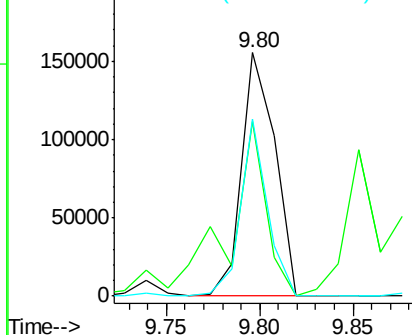
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

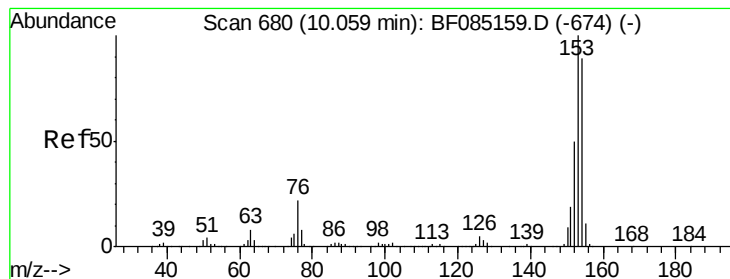


#50
2,6-Dinitrotoluene
Concen: 38.85 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	71.7	41.8	62.8#
89	72.8	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: 46.99 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085165.D

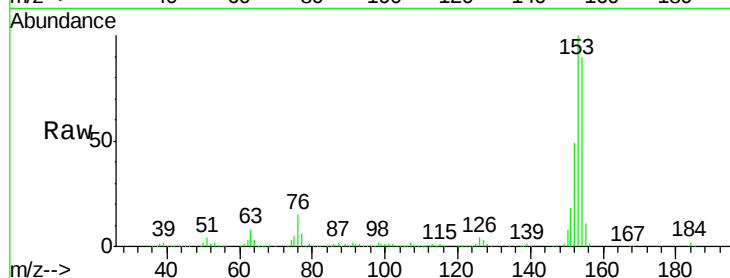
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB88646BS



Tgt Ion:154 Resp: 872449

Ion Ratio Lower Upper

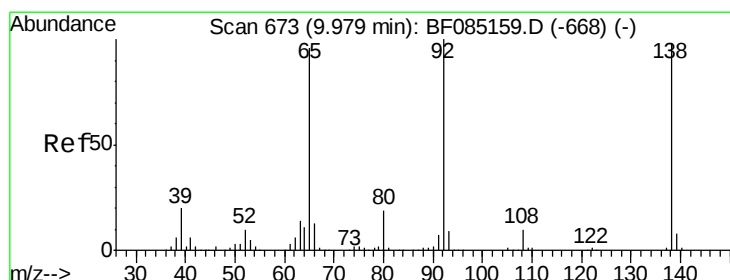
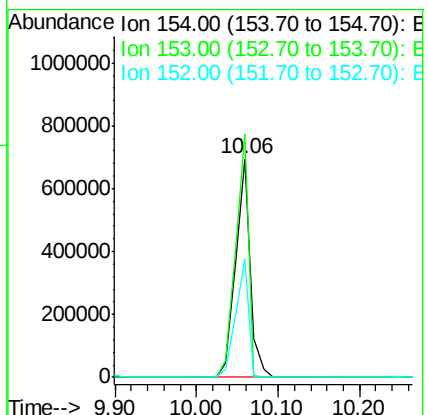
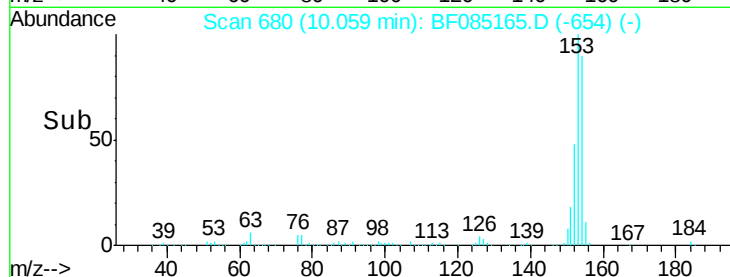
154 100

153 111.5 89.8 134.8

152 54.1 44.6 66.8

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#52

3-Nitroaniline

Concen: 17.64 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

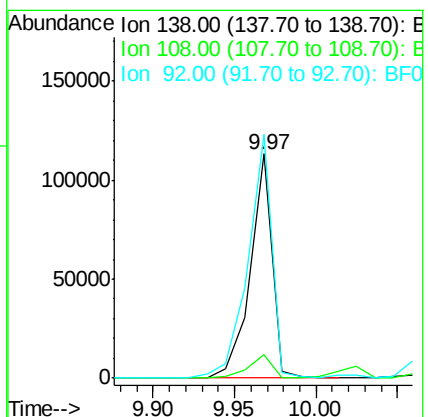
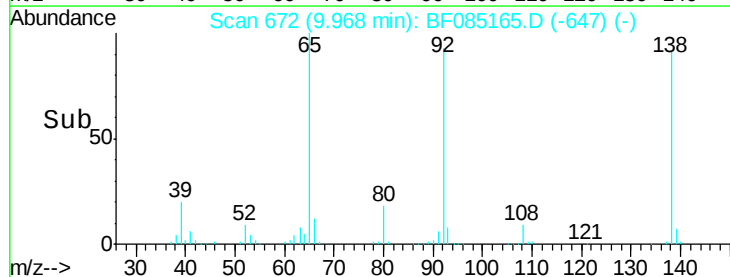
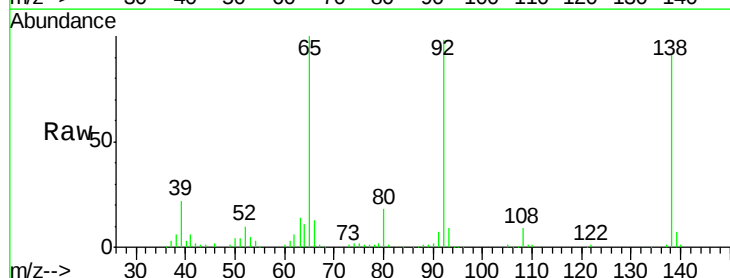
Tgt Ion:138 Resp: 104551

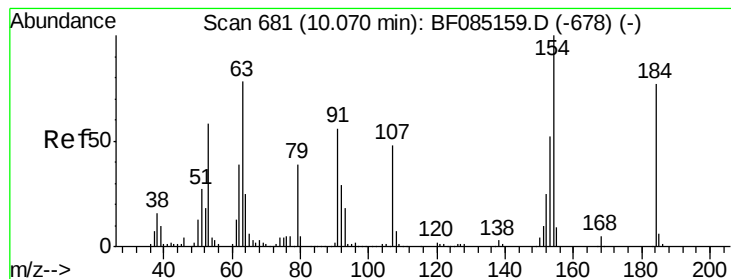
Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

92 108.5 81.3 121.9





#53

2,4-Dinitrophenol

Concen: 69.40 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085165.D

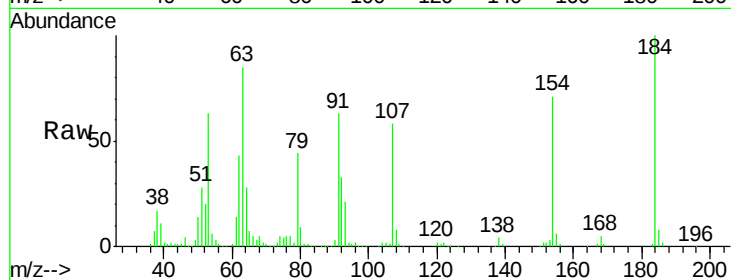
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB88646BS



Tgt Ion:184 Resp: 171496

Ion Ratio Lower Upper

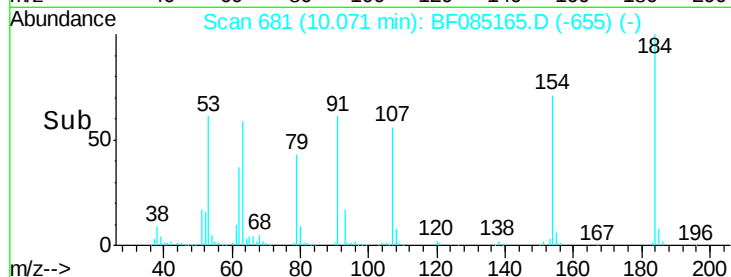
184 100

63 84.7 82.2 123.4

154 70.9 108.9 163.3#

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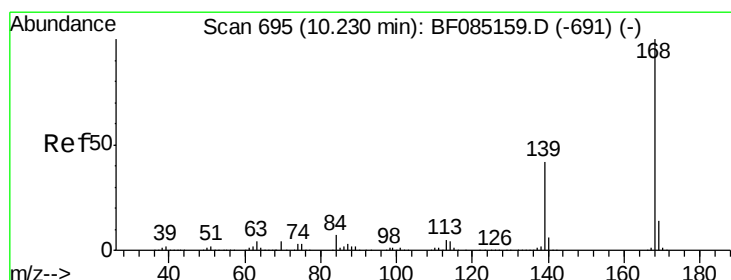
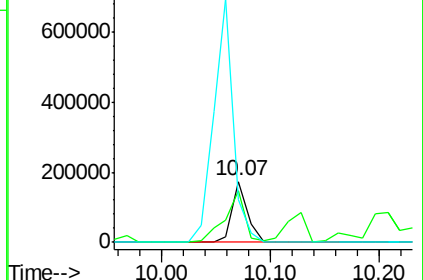
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.13 ng

RT: 10.23 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

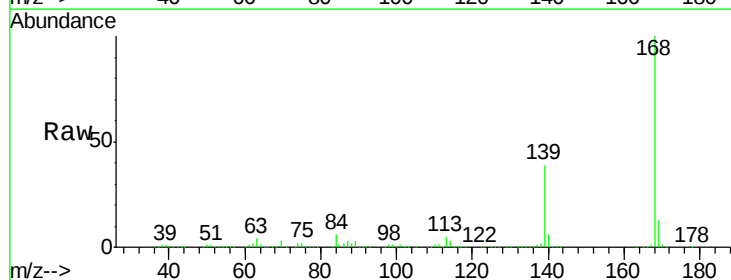
Tgt Ion:168 Resp: 1146329

Ion Ratio Lower Upper

168 100

139 39.1 33.6 50.4

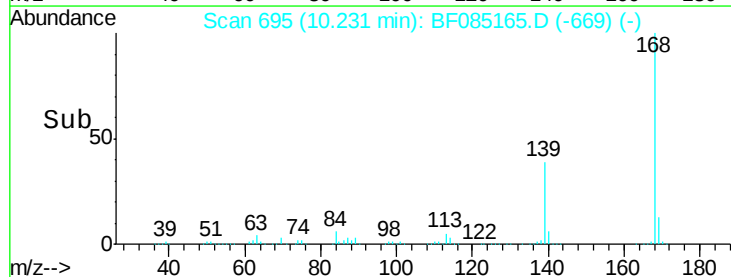
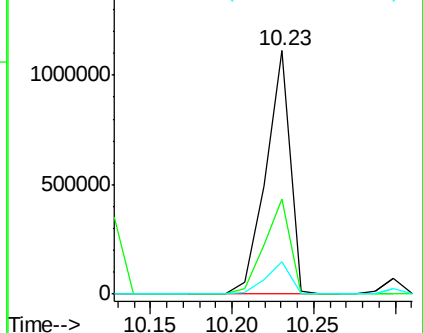
169 13.4 11.2 16.8

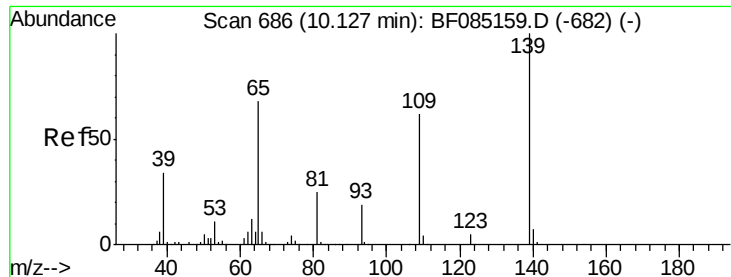


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 86.24 ng

RT: 10.13 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

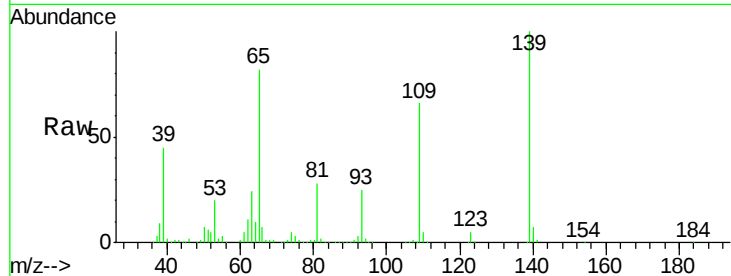
PB88646BS

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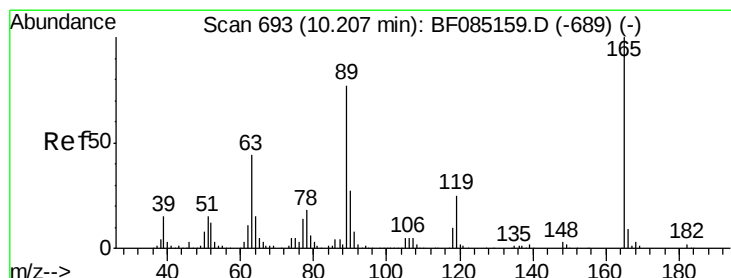
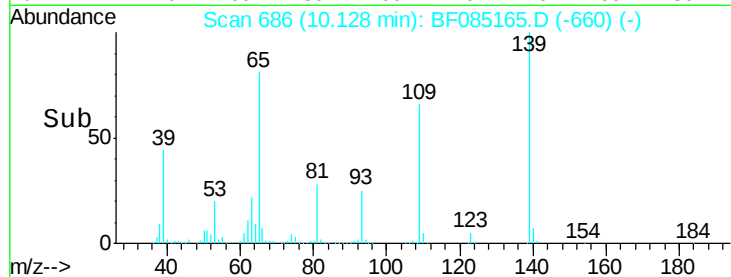
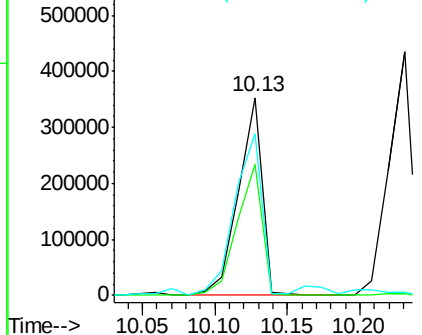
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	401658		
109	66.1	41.9	81.9	
65	81.6	48.3	88.3	



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.50 ng

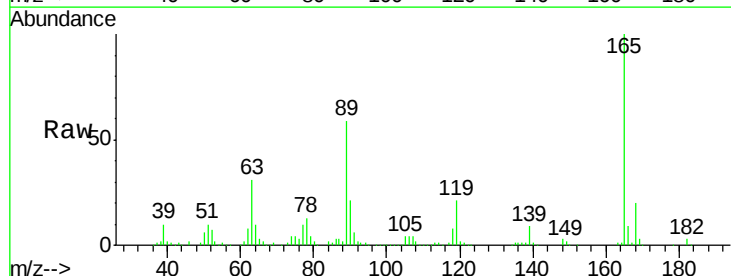
RT: 10.21 min Scan# 693

Delta R.T. 0.00 min

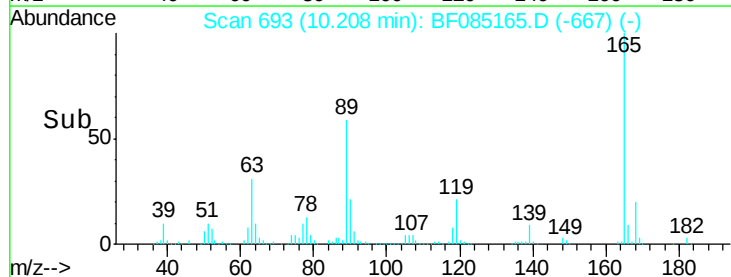
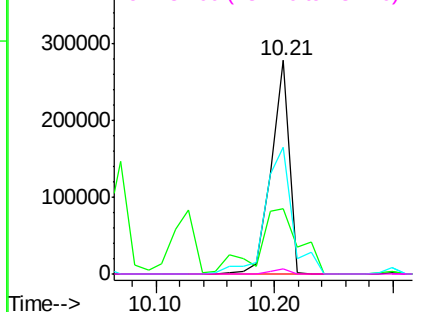
Lab File: BF085165.D

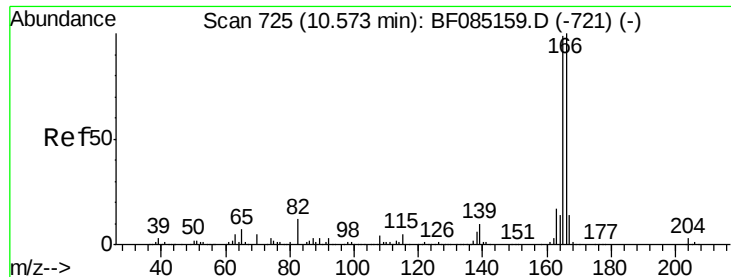
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	294776		
63	30.6	35.4	53.0#	
89	59.1	61.9	92.9#	
182	2.6	1.9	2.9	



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
Ion 182.00 (181.70 to 182.70): E





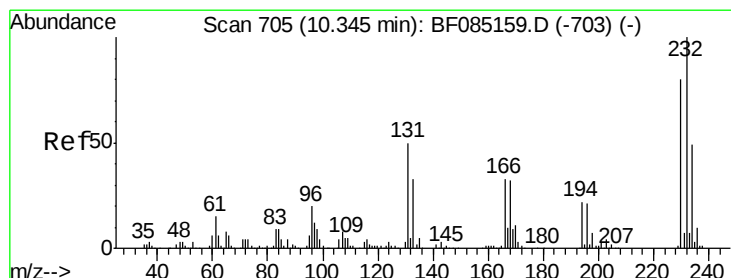
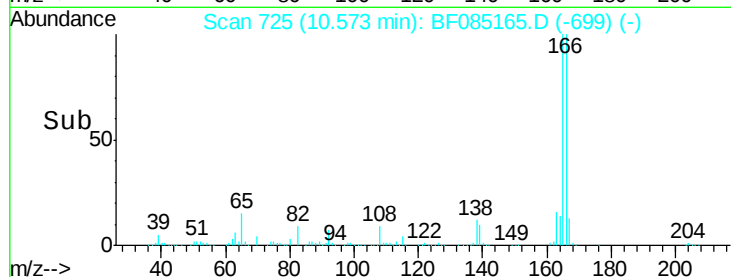
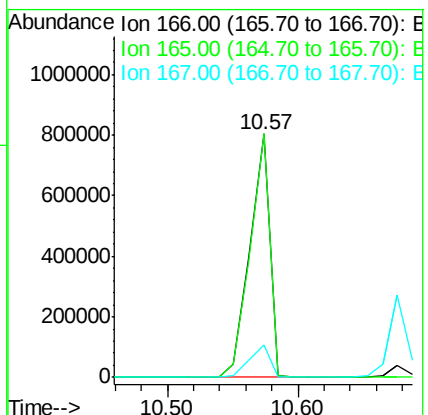
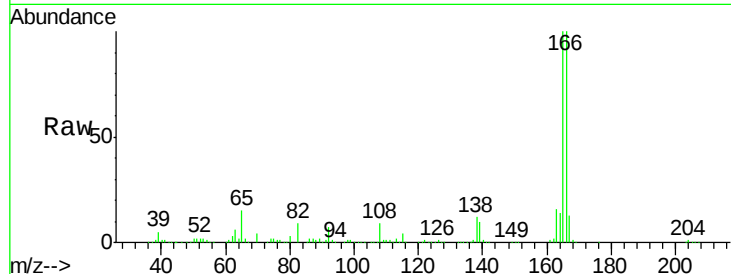
#57
 Fluorene
 Concen: 44.91 ng
 RT: 10.57 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	858113		
165	100.0	79.4	119.0	
167	13.4	11.0	16.6	

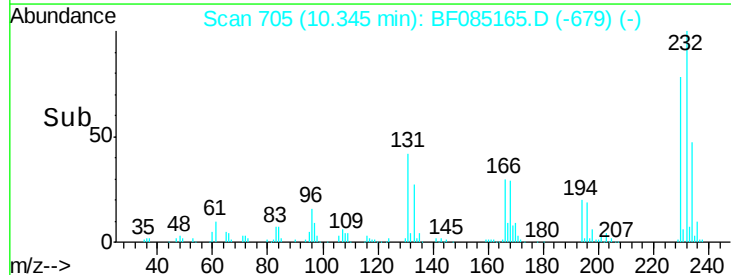
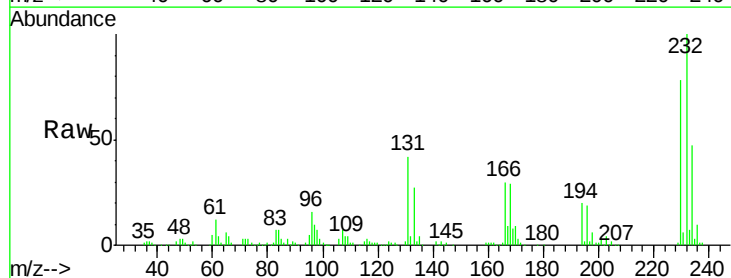
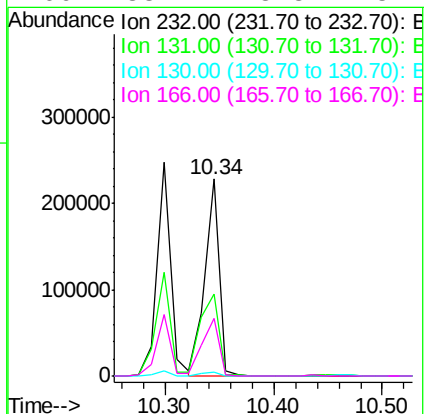
Manual Integrations
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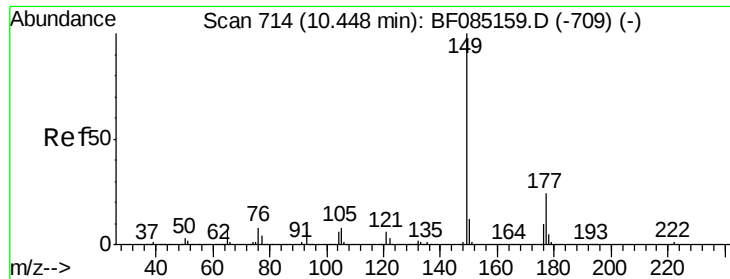
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.83 ng
 RT: 10.34 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	213153		
131	53.7	46.0	69.0	
130	2.6	2.2	3.4	
166	33.7	28.8	43.2	





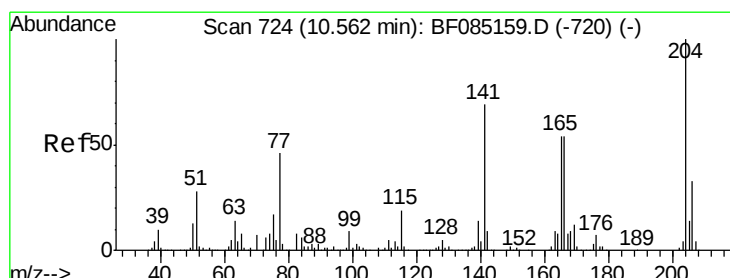
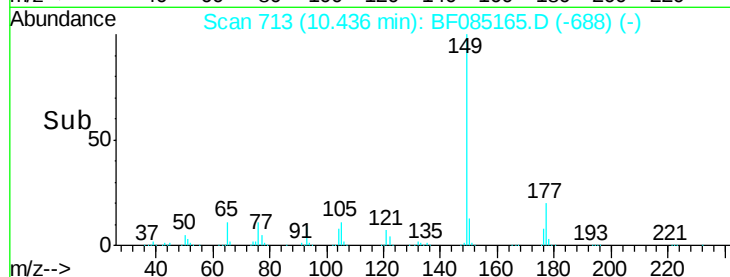
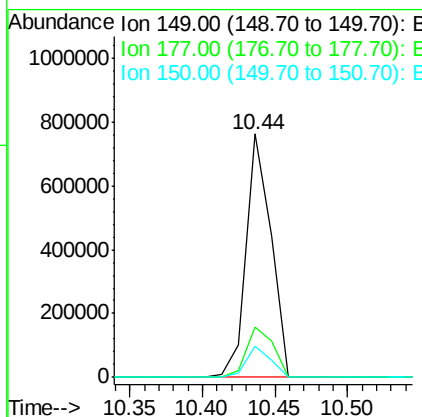
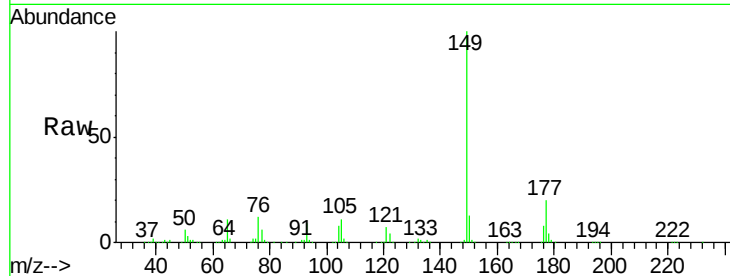
#59
Diethylphthalate
Concen: 40.30 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	905541		
177	20.5	19.2	28.8	
150	13.0	9.9	14.9	

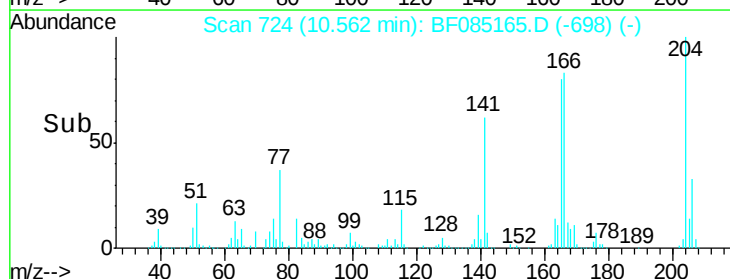
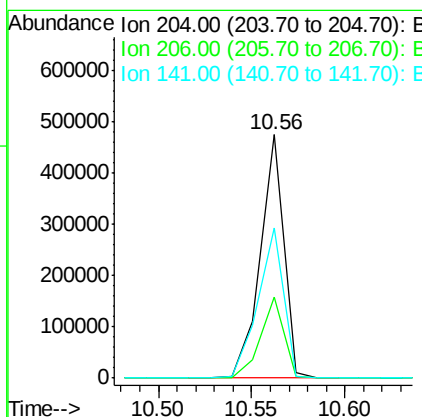
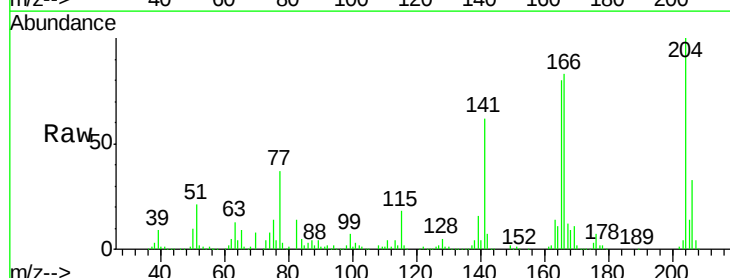
Manual Integrations
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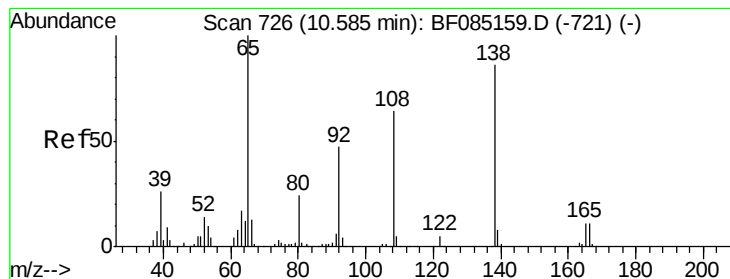
UMANGI
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#60
4-Chlorophenyl-phenylether
Concen: 44.27 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	411519		
206	33.3	26.5	39.7	
141	61.8	55.4	83.2	





#61

4-Nitroaniline

Concen: 41.57 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085165.D

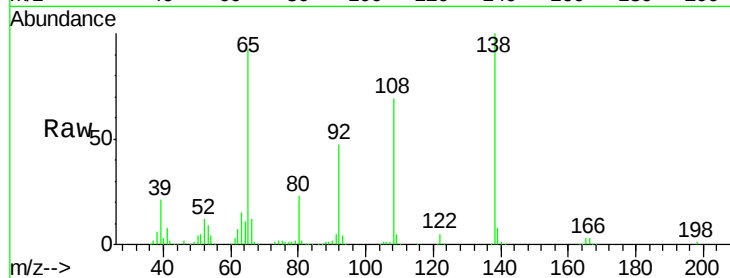
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampled :

PB88646BS



Tgt Ion: 138 Resp: 230408

Ion Ratio Lower Upper

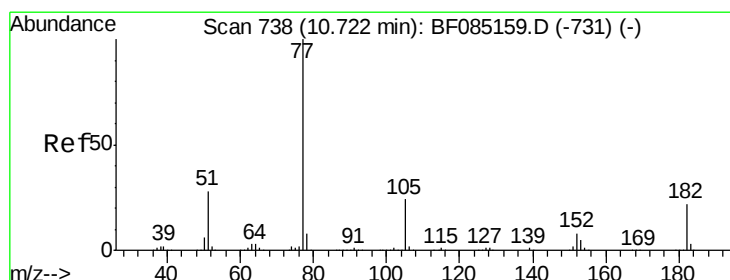
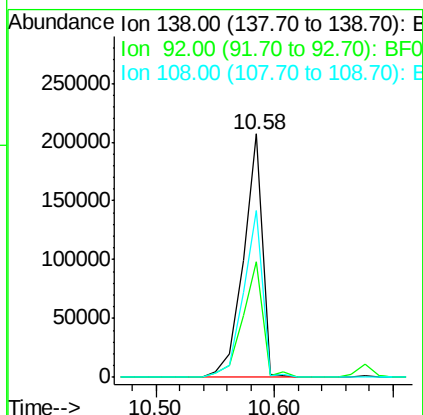
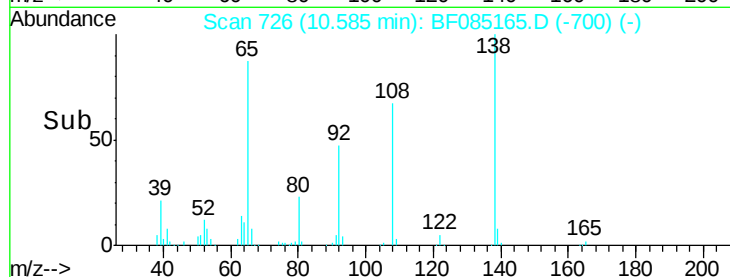
138 100

92 47.3 34.2 74.2

108 68.7 53.9 93.9

Manual Integrations
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3/4/2016 4:28:36 PM



#62

Azobenzene

Concen: 48.98 ng

RT: 10.72 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion: 77 Resp: 1084209

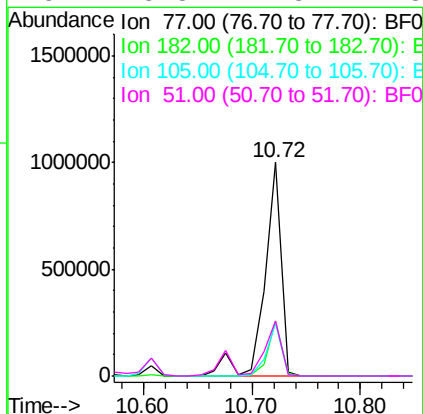
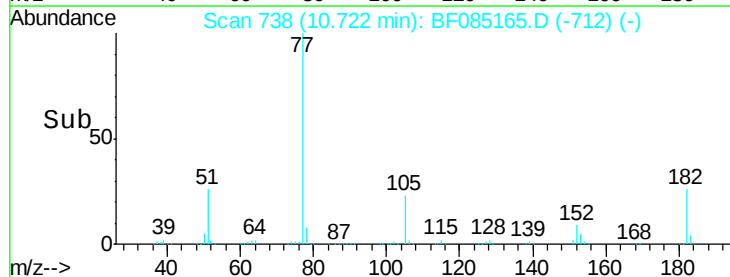
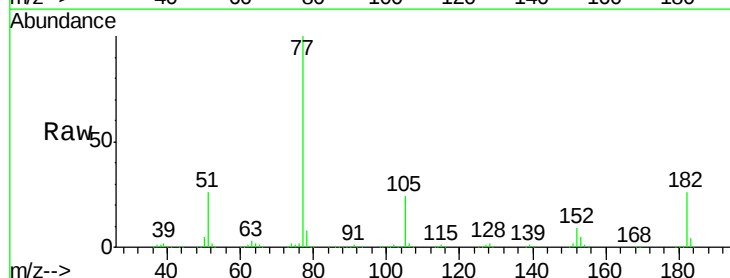
Ion Ratio Lower Upper

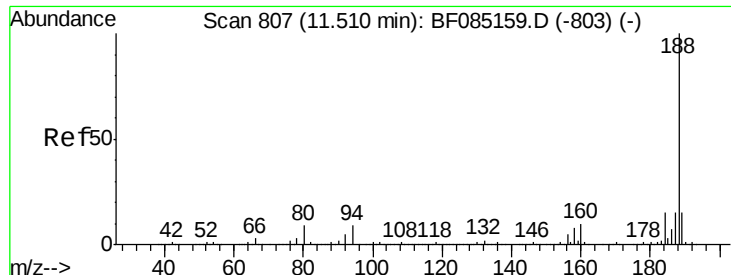
77 100

182 25.7 2.1 42.1

105 24.3 3.8 43.8

51 25.8 7.8 47.8





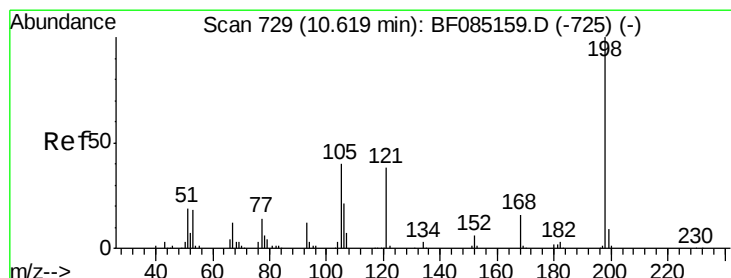
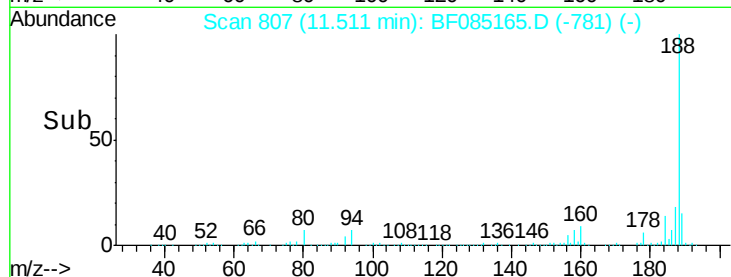
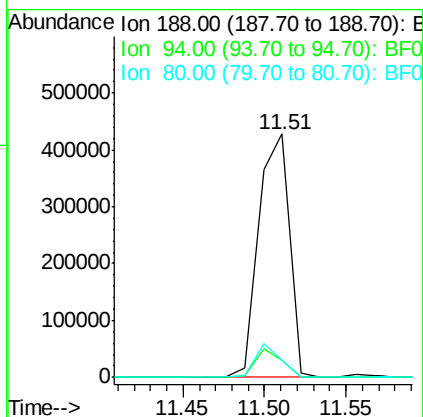
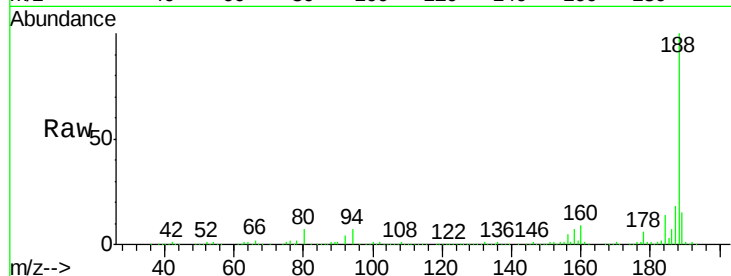
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	7.0	10.6
80	7.2	7.4	11.0#

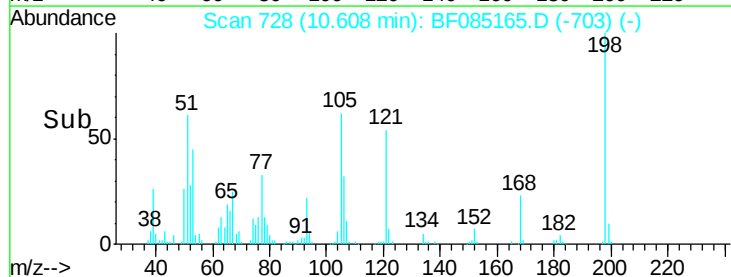
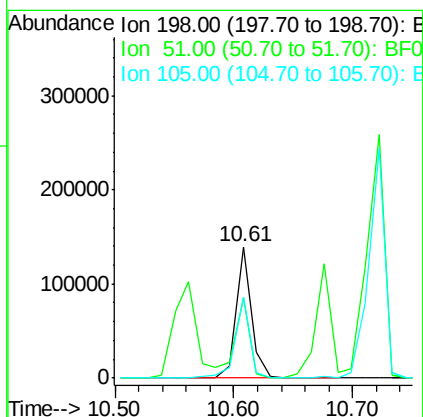
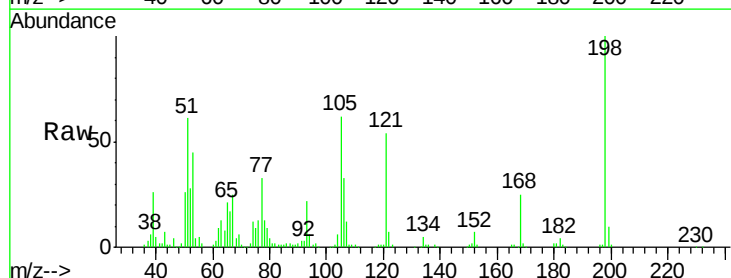
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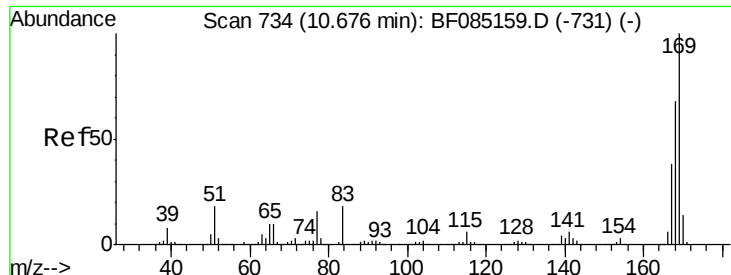
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3/4/2016 4:28:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.43 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

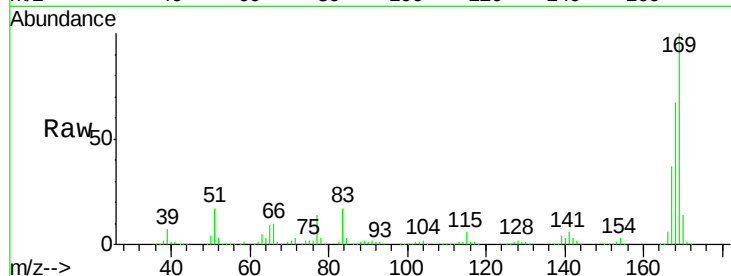
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	61.2	9.5	49.5#
105	62.1	20.5	60.5#





#65
n-Nitrosodiphenylamine
Concen: 40.02 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

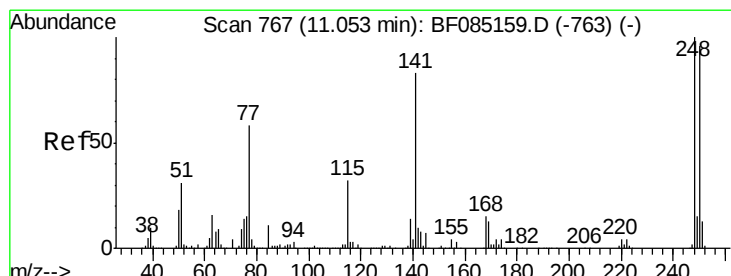
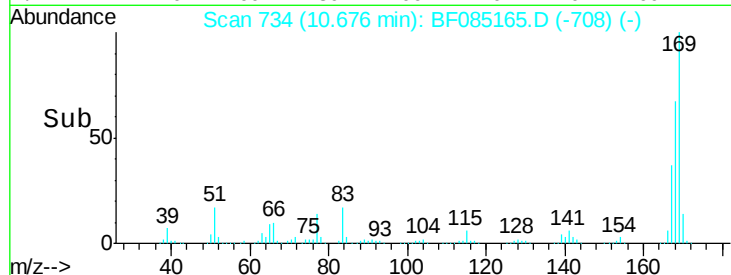
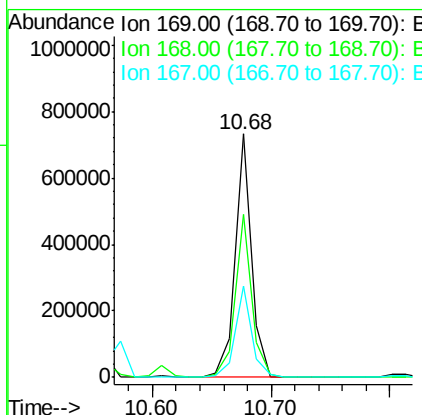
Instrument :
BNA_F
ClientSampleId :
PB88646BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.1	54.8	82.2
167	37.4	30.3	45.5

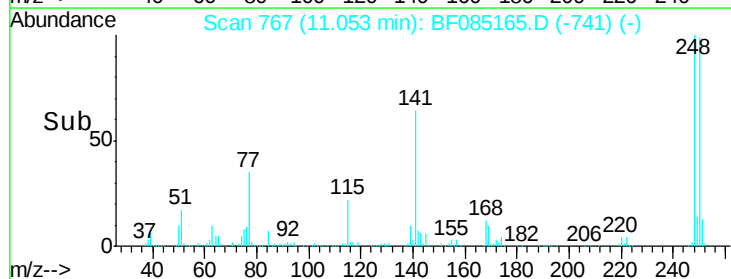
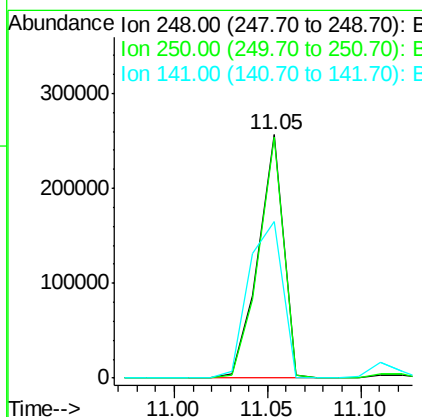
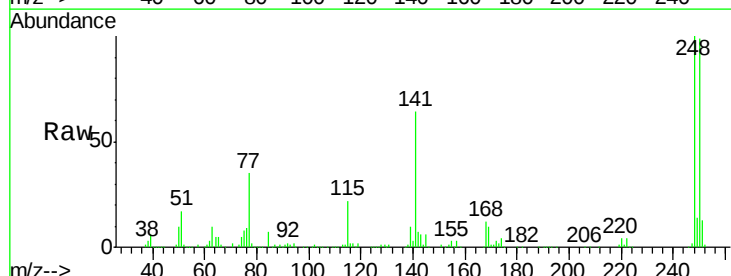
Manual Integrations
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3/4/2016 4:28:36 PM



#66
4-Bromophenyl-phenylether
Concen: 43.95 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.8	77.1	115.7
141	64.0	66.2	99.2#





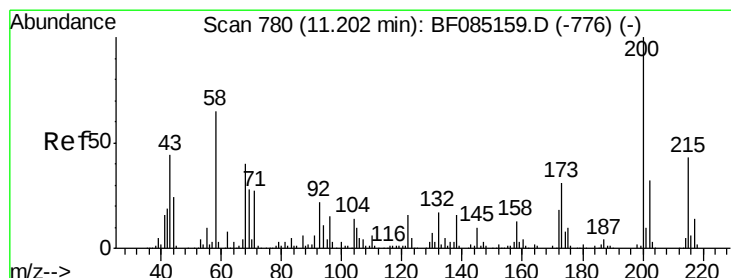
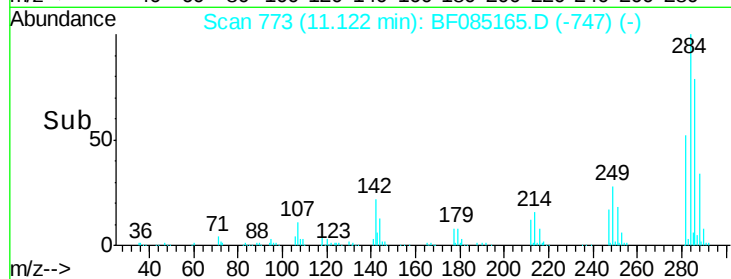
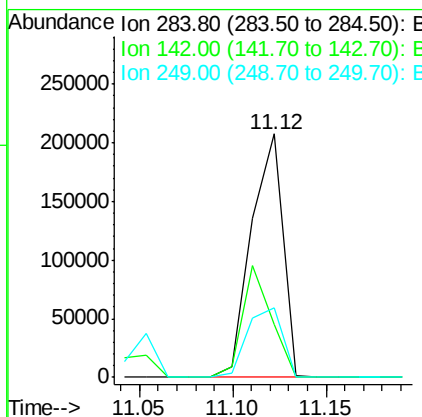
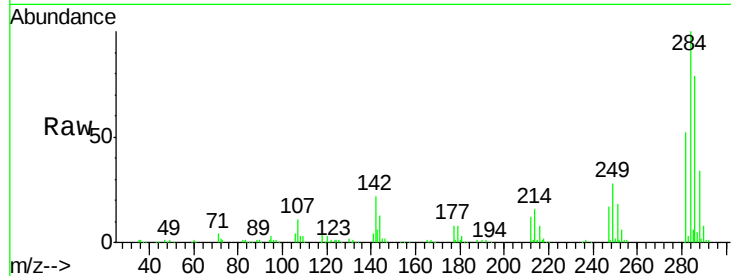
#67
Hexachlorobenzene
Concen: 41.61 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	242303		
142	21.7	24.9	37.3#	
249	28.4	25.0	37.4	

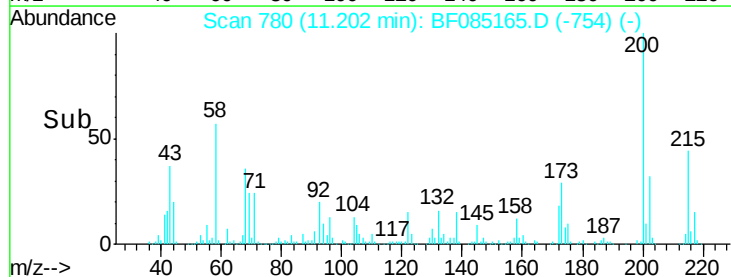
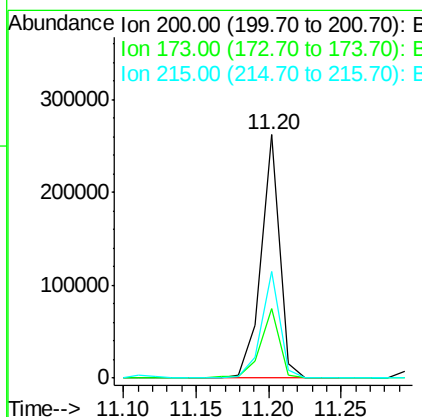
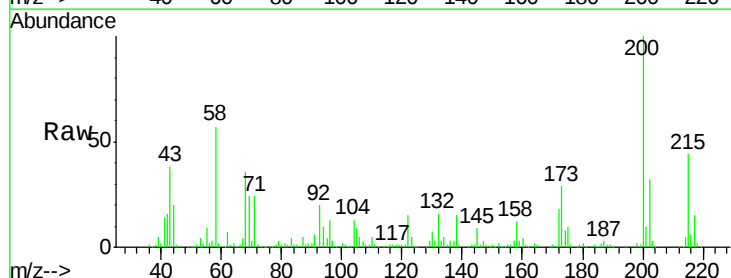
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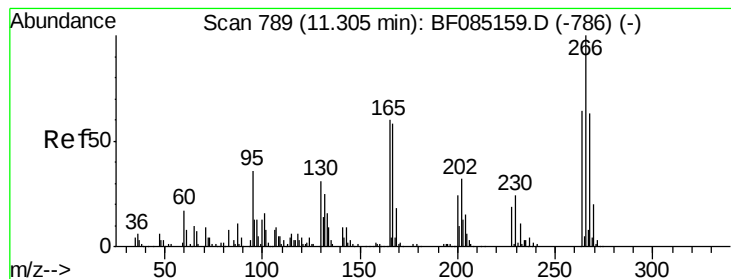
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3/4/2016 4:28:36 PM



#68
Atrazine
Concen: 47.94 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	233090		
173	28.8	10.5	50.5	
215	43.6	23.4	63.4	





#69

Pentachlorophenol

Concen: 79.84 ng

RT: 11.30 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

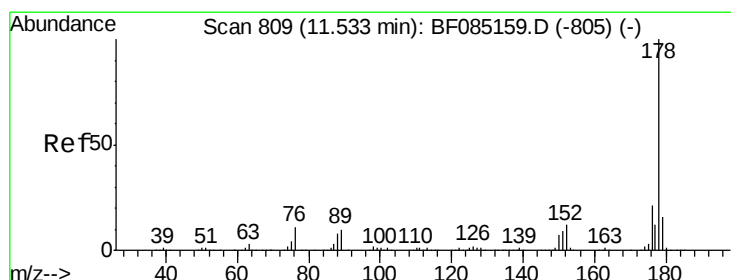
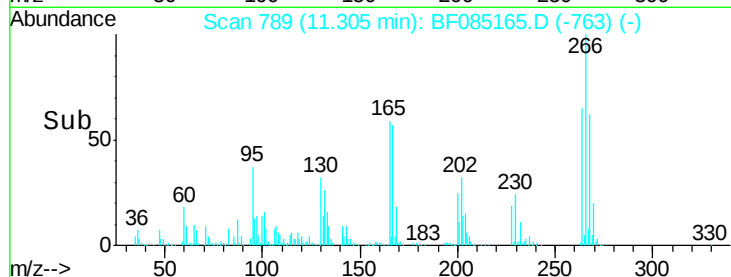
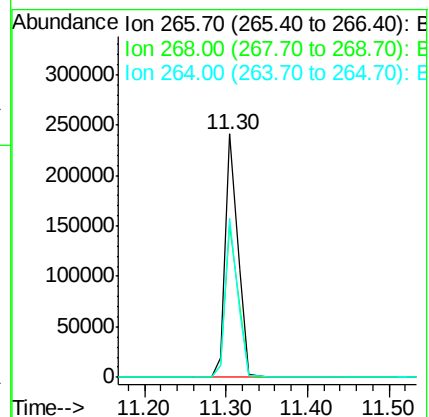
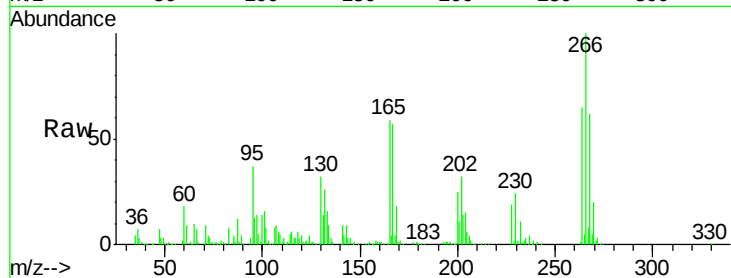
ClientSampleId :

PB88646BS

Tgt Ion:	266	Resp:	258057
Ion Ratio		Lower	Upper
266	100		
268	62.5	50.0	75.0
264	65.1	51.4	77.2

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#70

Phenanthrene

Concen: 45.32 ng

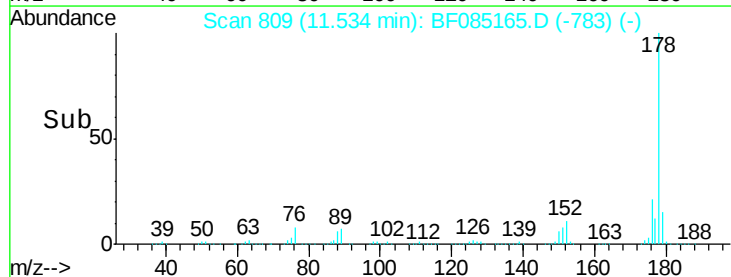
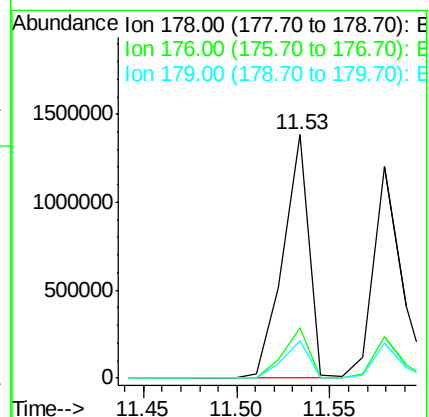
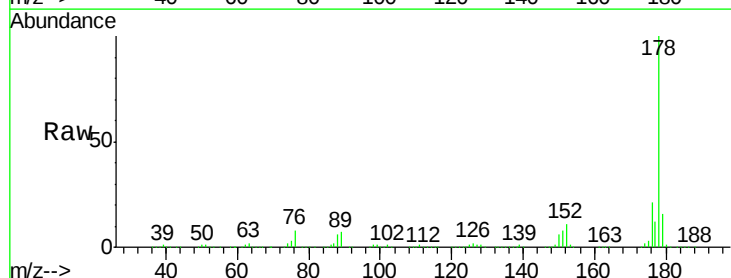
RT: 11.53 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion:	178	Resp:	1335181
Ion Ratio		Lower	Upper
178	100		
176	20.6	16.8	25.2
179	15.5	13.1	19.7





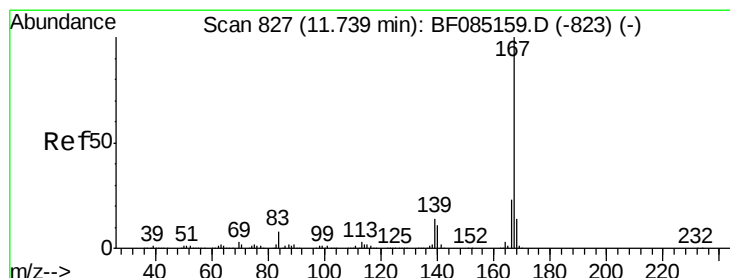
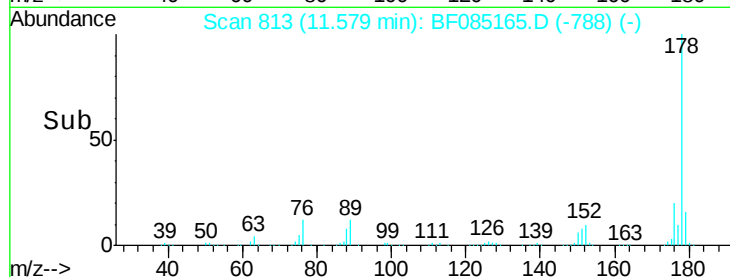
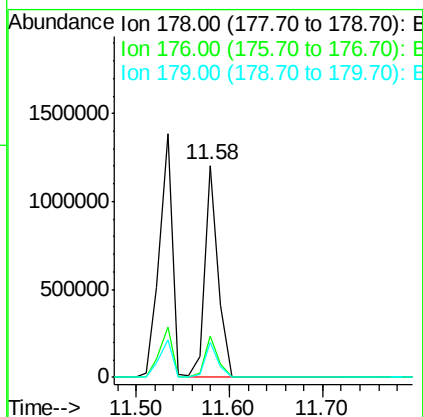
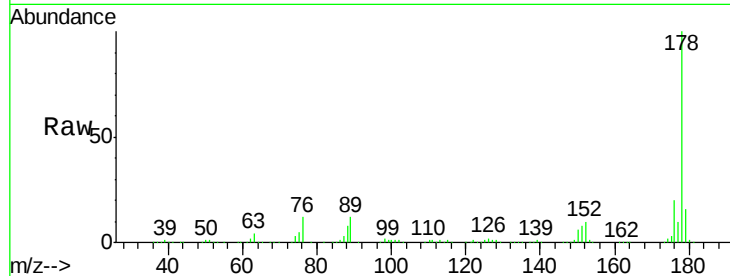
#71
 Anthracene
 Concen: 38.22 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion:178 Resp: 1195359
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.3 12.5 18.7

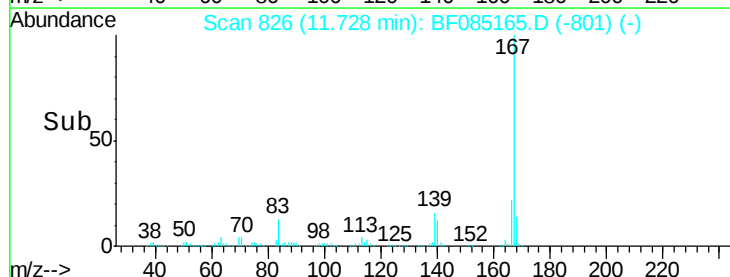
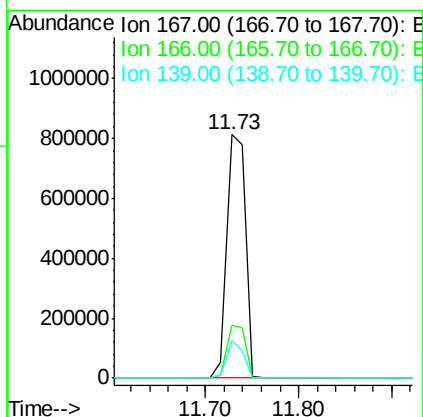
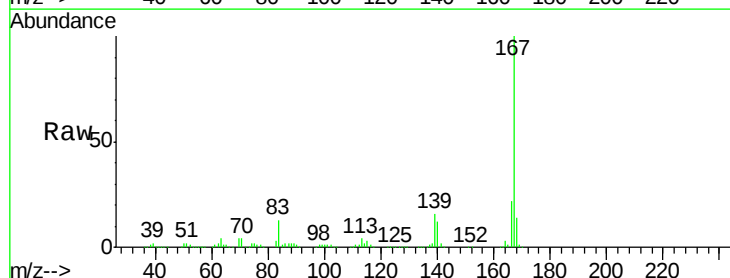
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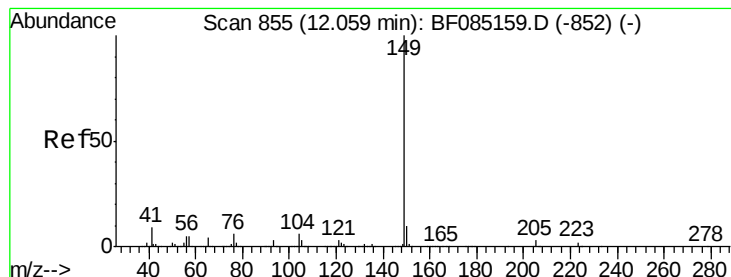
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#72
 Carbazole
 Concen: 41.54 ng
 RT: 11.73 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion:167 Resp: 1139233
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 15.5 11.4 17.0





#73

Di-n-butylphthalate

Concen: 39.65 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB88646BS

Tgt Ion:149 Resp: 1374338

Ion Ratio Lower Upper

149 100

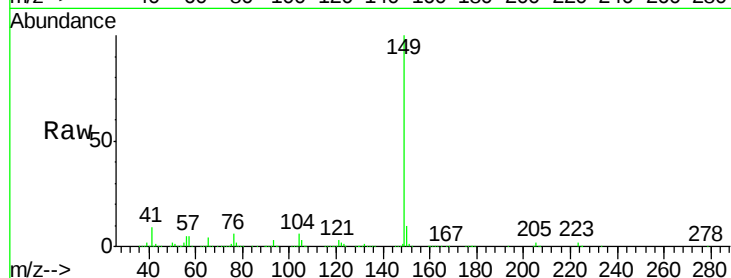
150 9.8 7.8 11.6

104 5.6 4.7 7.1

Manual Integrations
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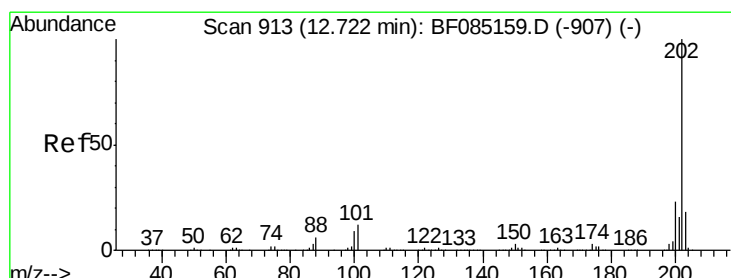
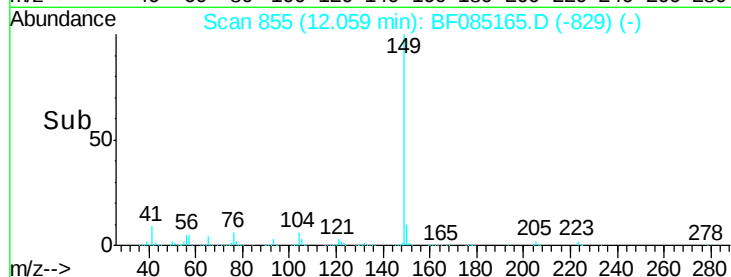
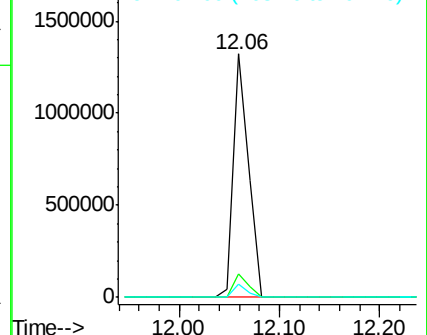
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.98 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

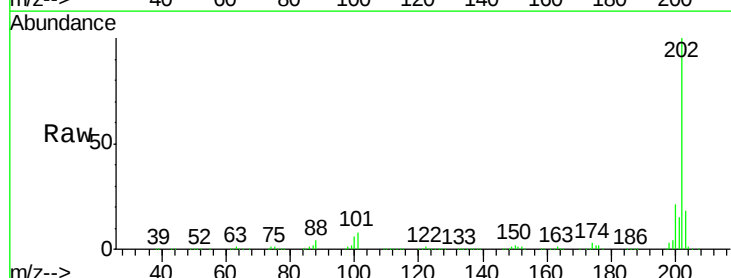
Tgt Ion:202 Resp: 1270777

Ion Ratio Lower Upper

202 100

101 8.3 0.0 31.8

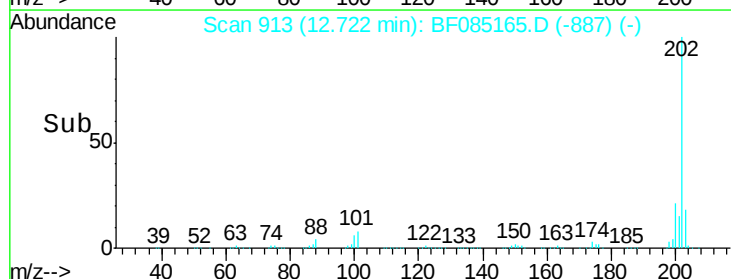
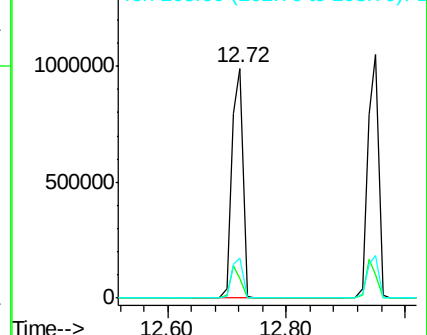
203 17.5 0.0 38.4

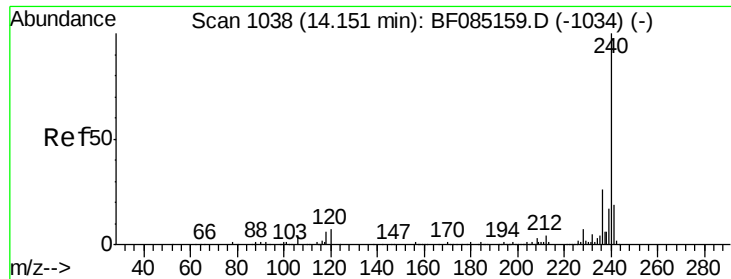


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF085165.D

Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

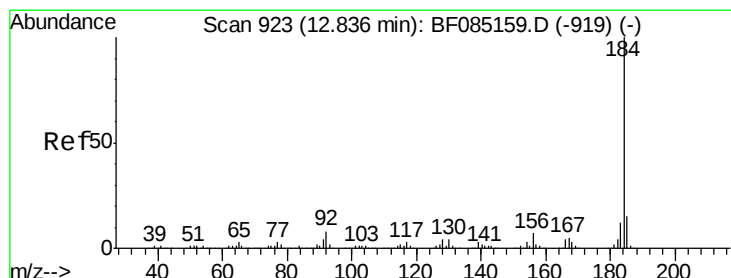
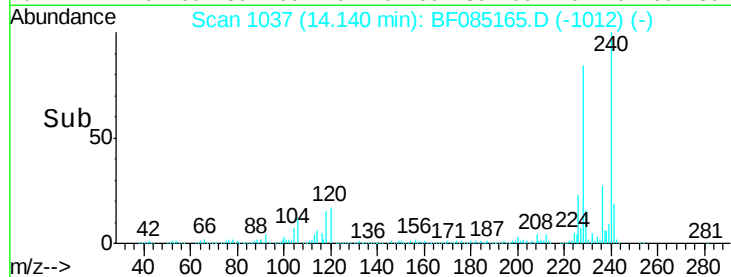
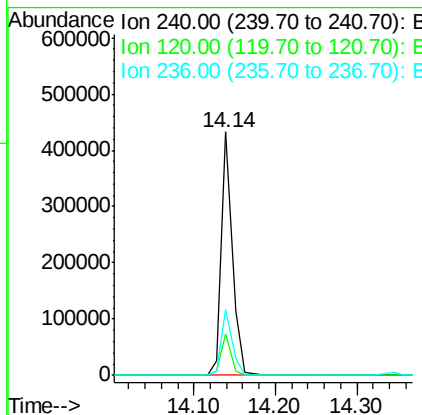
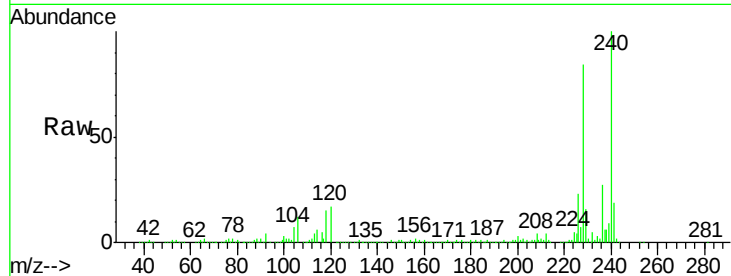
ClientSampleId :

PB88646BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.2	5.3	7.9#
236	26.9	20.7	31.1

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#76

Benzidine

Concen: 24.80 ng

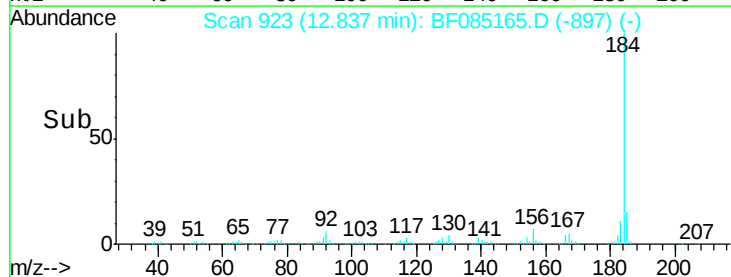
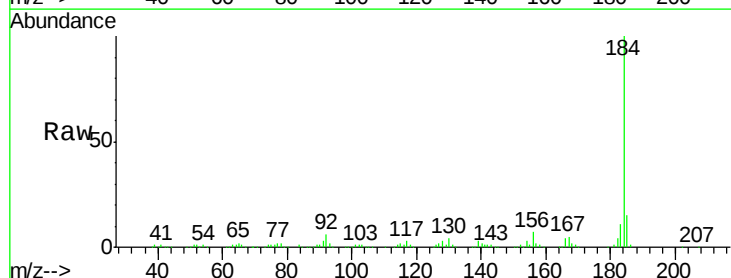
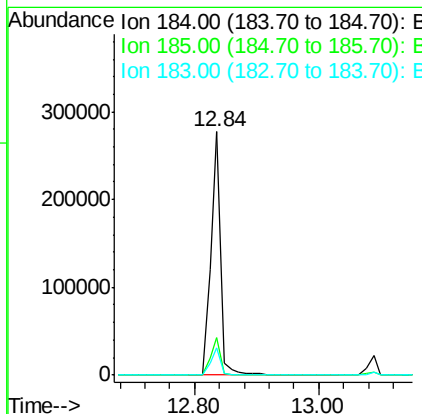
RT: 12.84 min Scan# 923

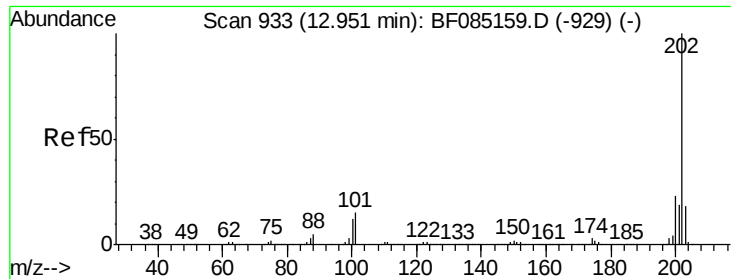
Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.4	18.6
183	11.2	9.4	14.2





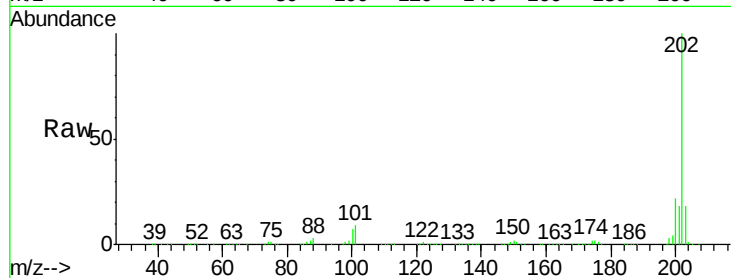
#77
 Pyrene
 Concen: 43.22 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

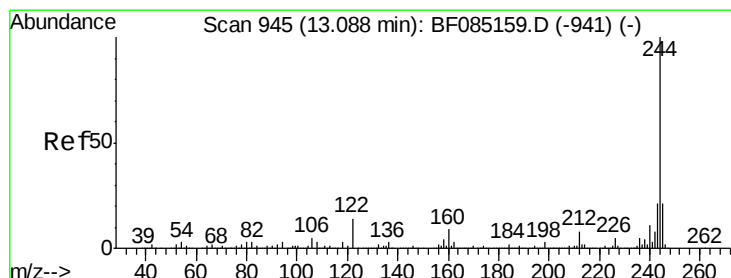
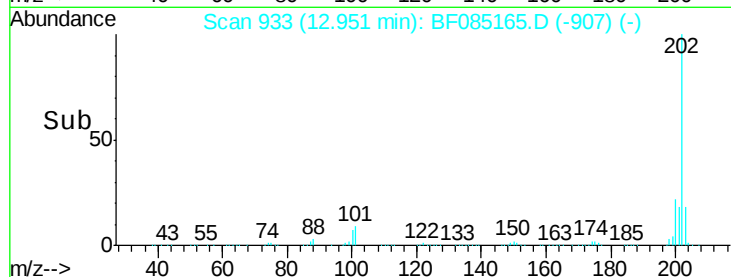
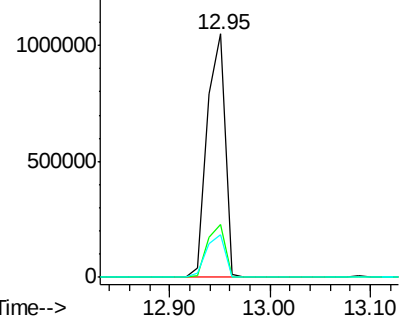
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.2	27.4
203	17.7	14.7	22.1

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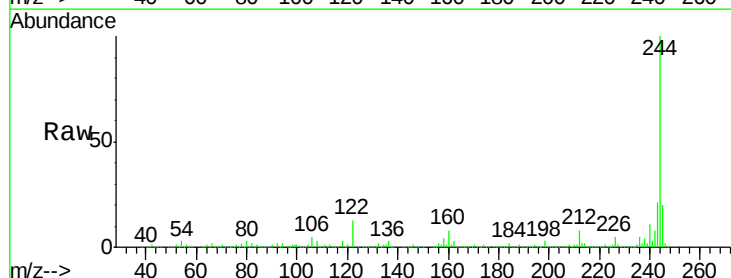


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

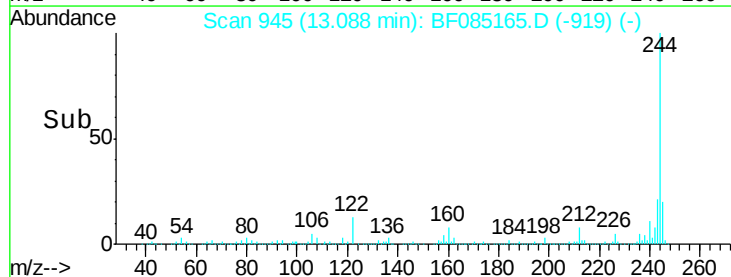
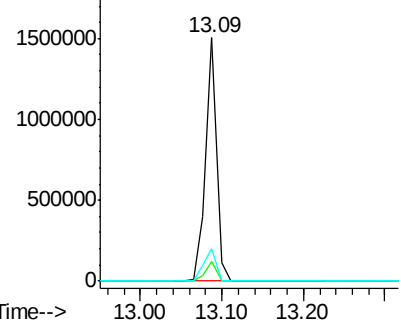


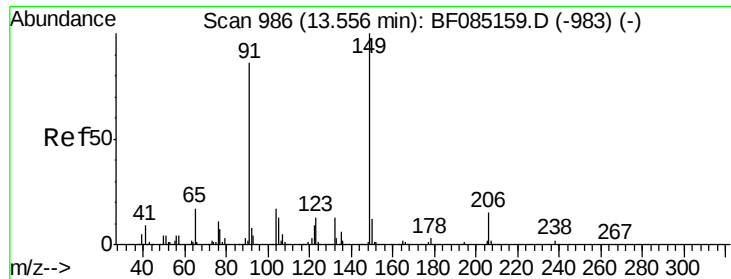
#78
 Terphenyl-d14
 Concen: 80.81 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.1	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: 40.79 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085165.D

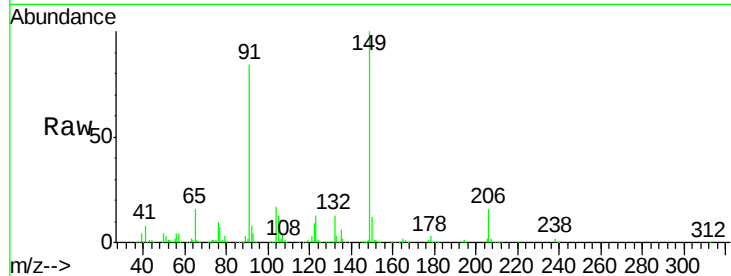
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

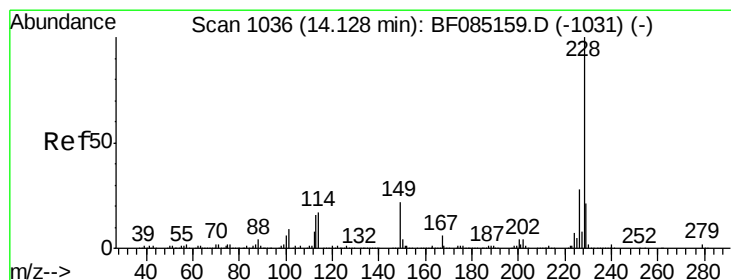
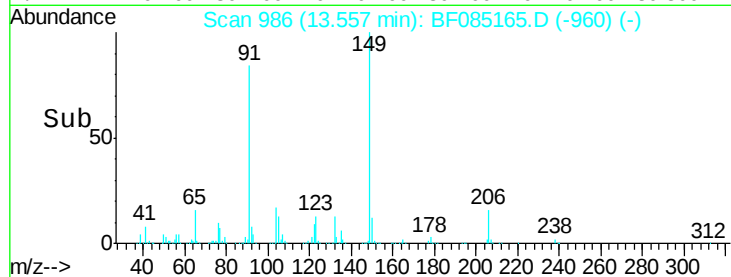
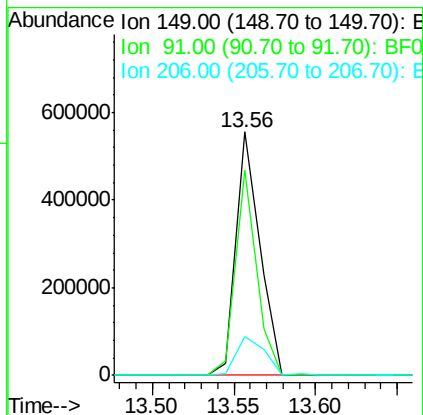
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	84.1	69.0	103.4	
206	15.8	12.3	18.5	

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#80

Benzo(a)anthracene

Concen: 39.40 ng

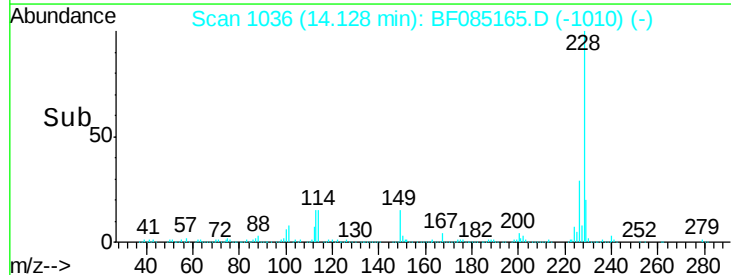
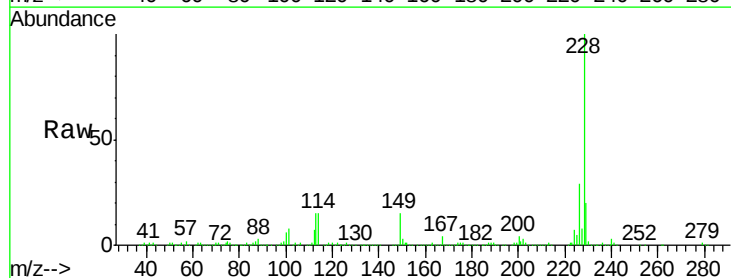
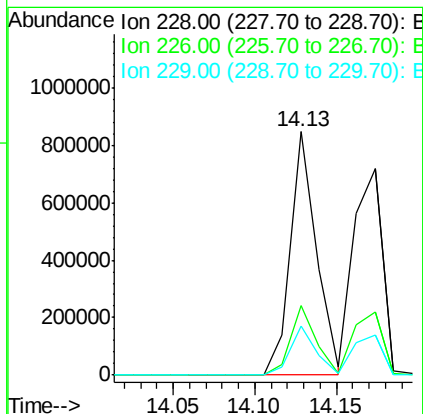
RT: 14.13 min Scan# 1036

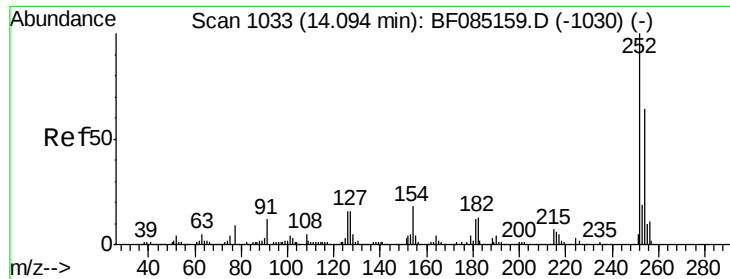
Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.6	22.8	34.2	
229	20.1	16.6	24.8	





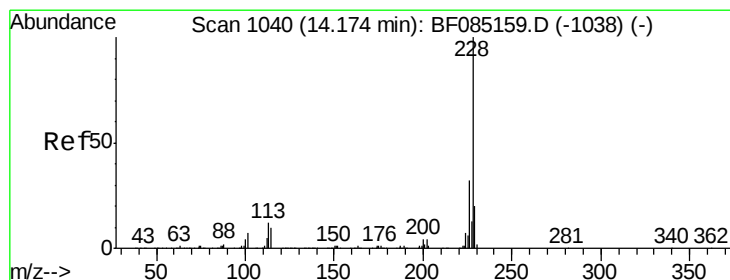
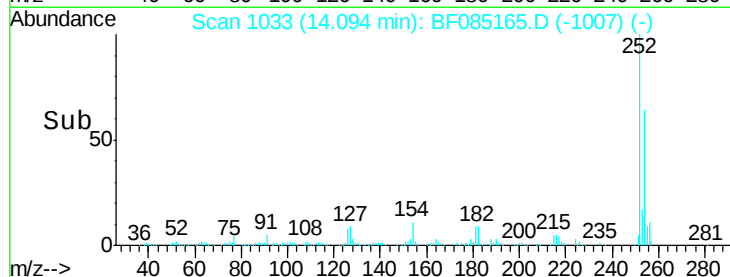
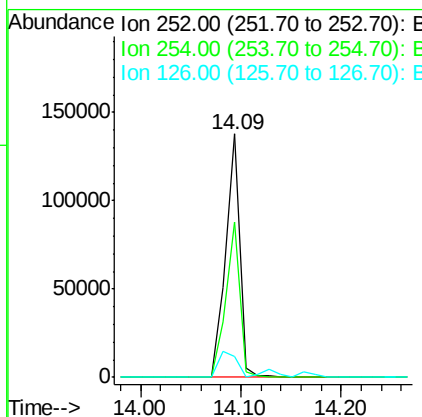
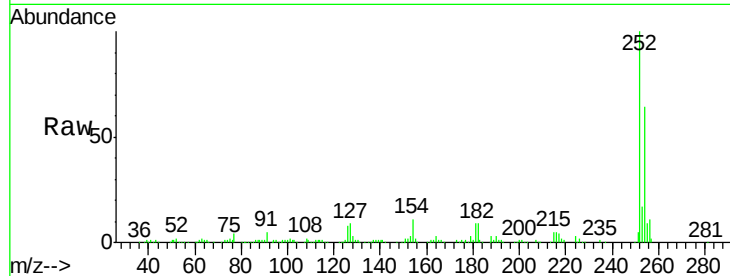
#81
 3,3'-Dichlorobenzidine
 Concen: 17.92 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.0
126	8.4	12.9	19.3

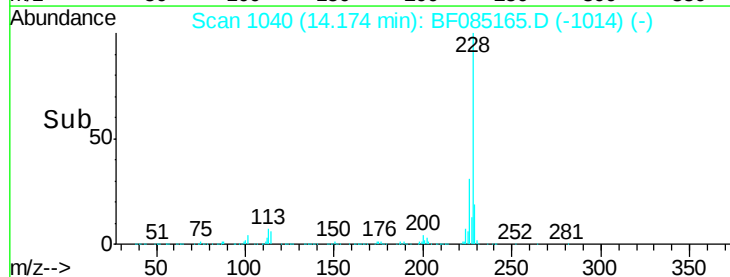
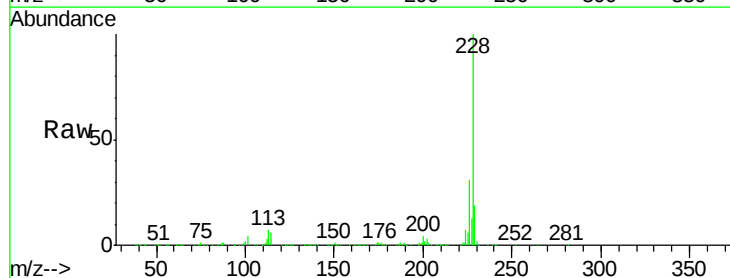
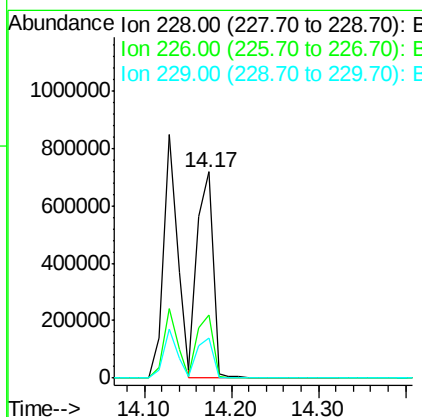
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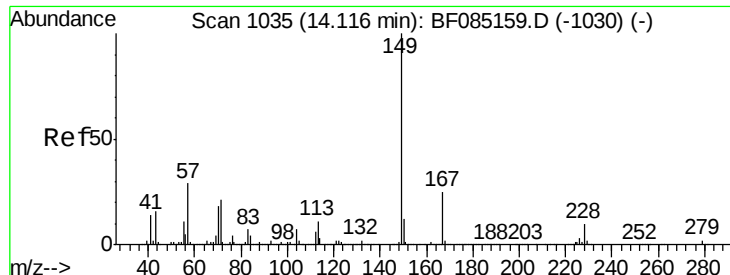
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#82
 Chrysene
 Concen: 40.64 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	19.2	16.0	24.0





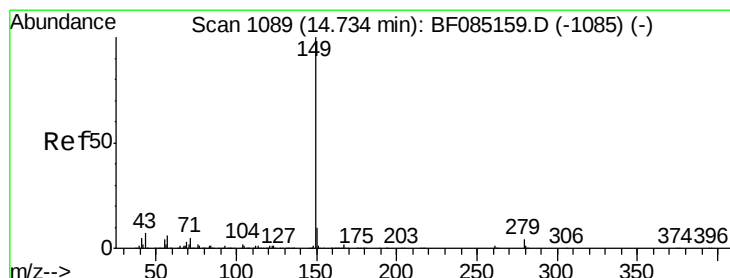
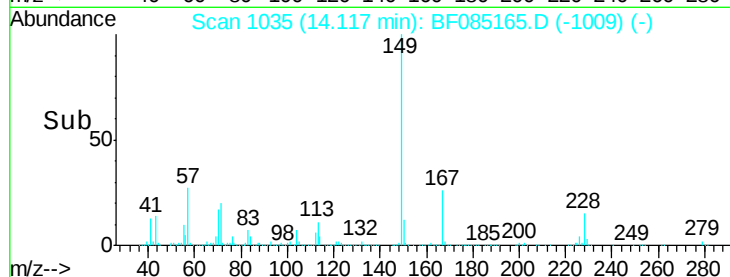
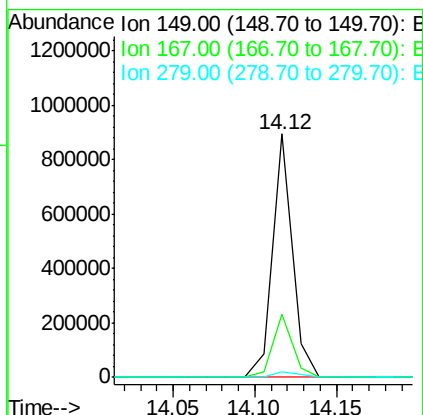
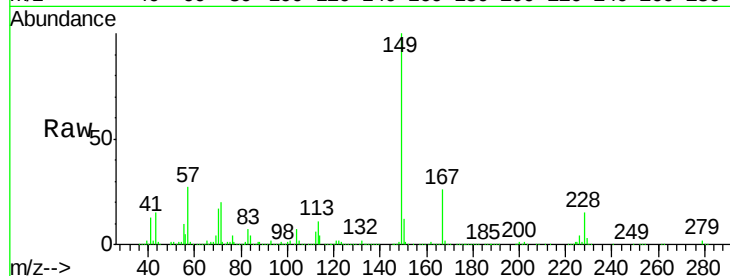
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.33 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.3	30.5
279	2.4	1.9	2.9

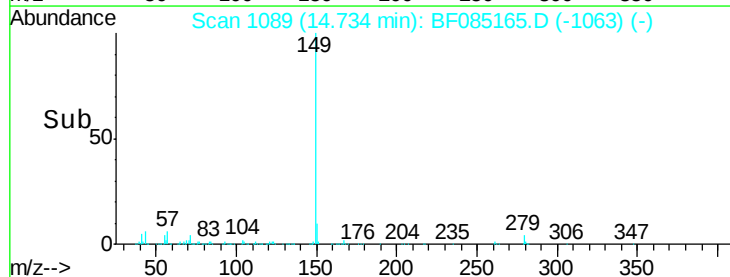
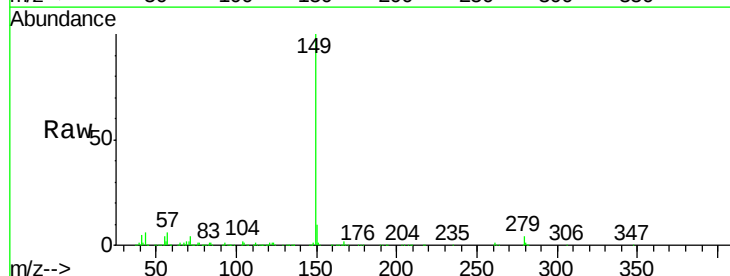
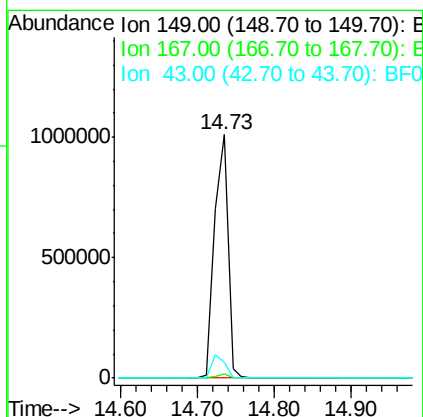
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#84
 Di-n-octyl phthalate
 Concen: 44.39 ng
 RT: 14.73 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.4	7.8	11.8





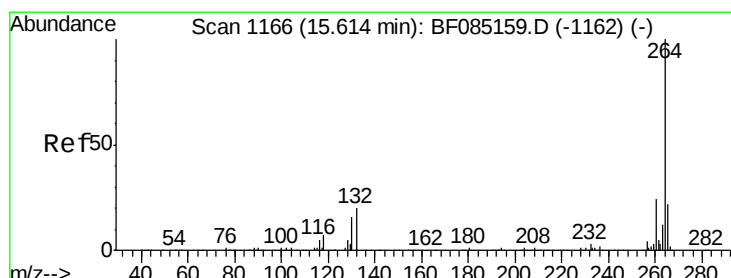
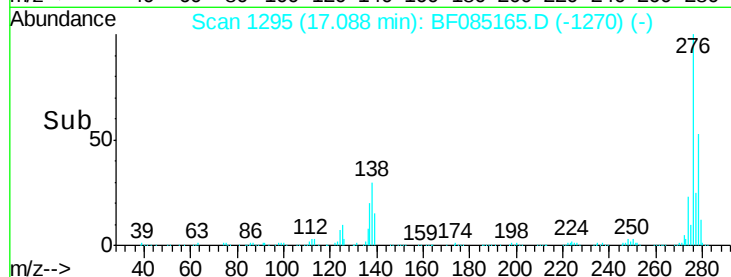
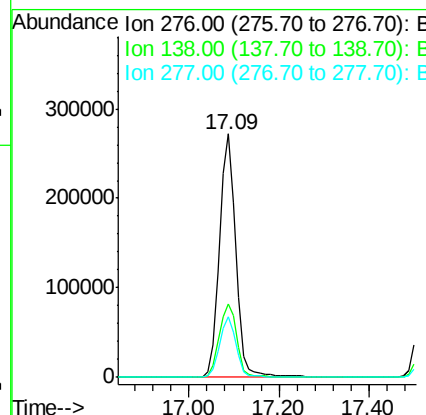
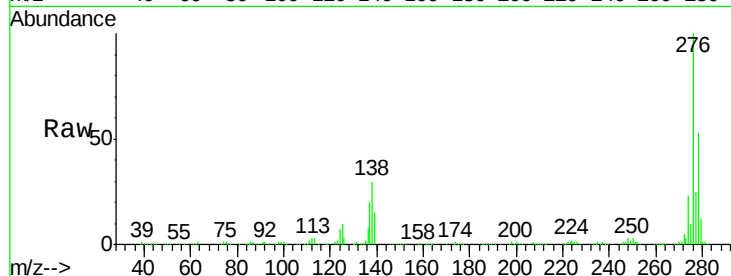
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.11 ng
 RT: 17.09 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	694101		
138	32.8	26.4	39.6	
277	25.4	20.2	30.2	

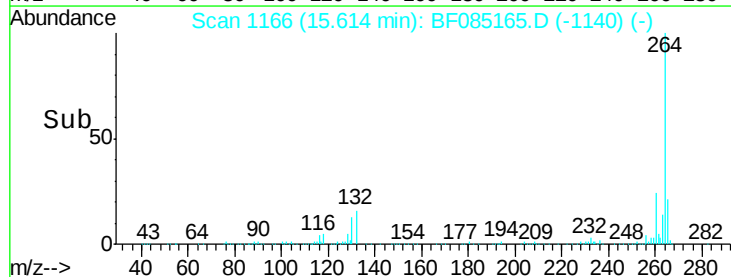
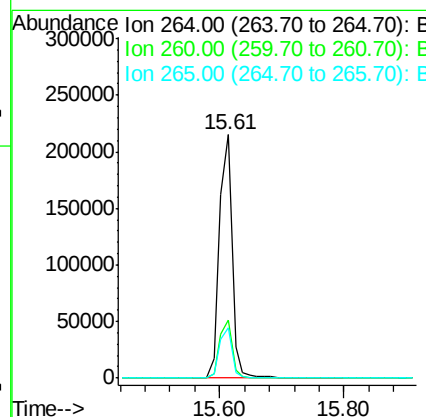
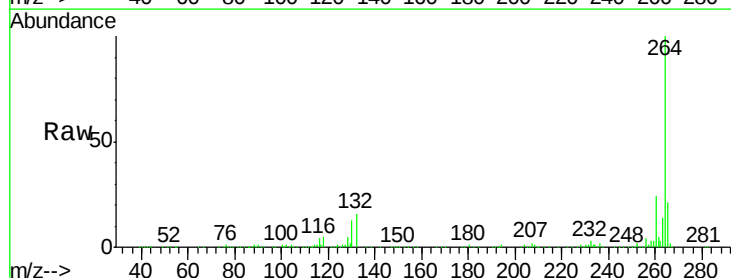
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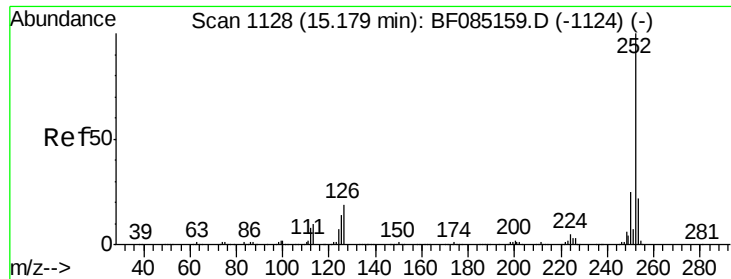
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF085165.D
 Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	299469		
260	23.8	19.2	28.8	
265	20.7	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 37.50 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085165.D

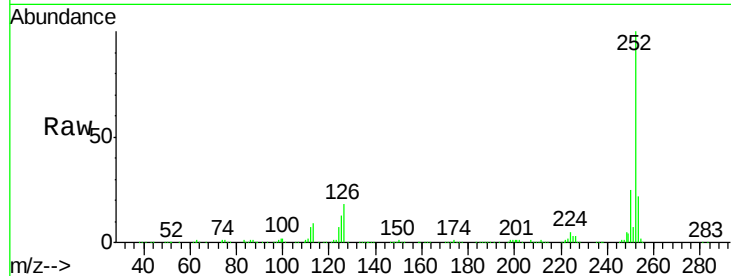
Acq: 3 Mar 2016 19:24

Instrument :

BNA_F

ClientSampleId :

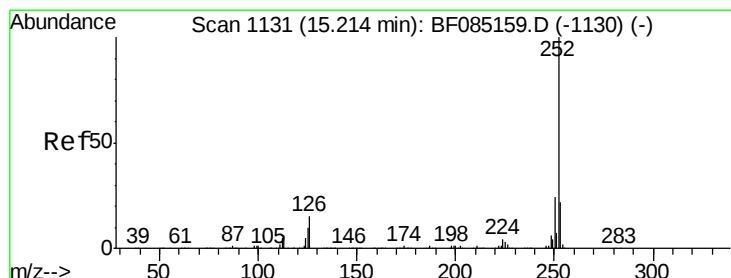
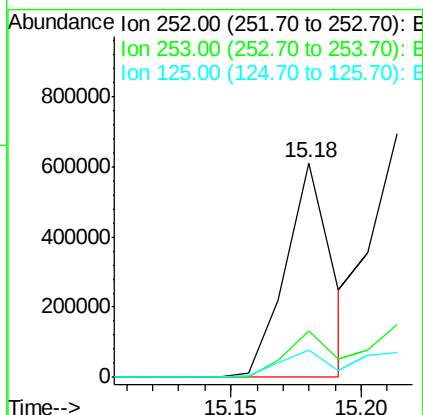
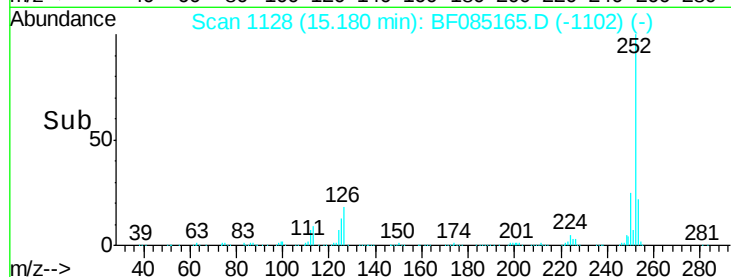
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.0	11.3	16.9

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3/4/2016 4:28:36 PM



#88

Benzo(k)fluoranthene

Concen: 47.88 ng m

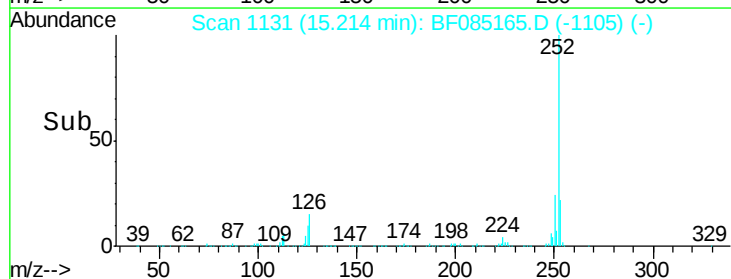
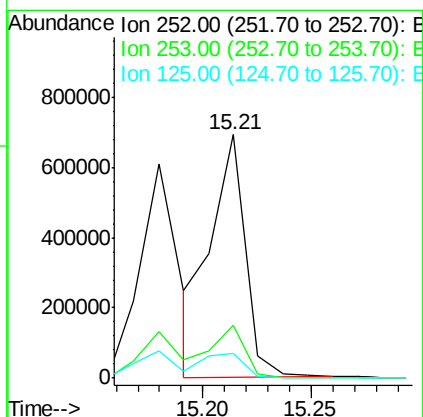
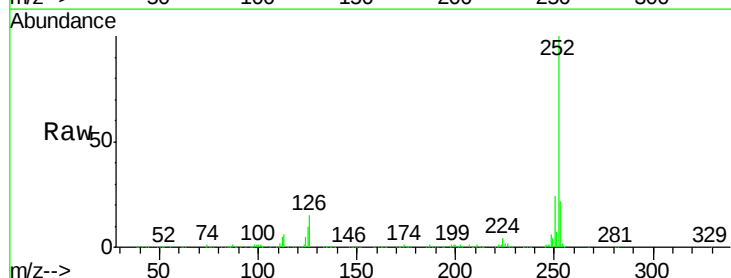
RT: 15.21 min Scan# 1131

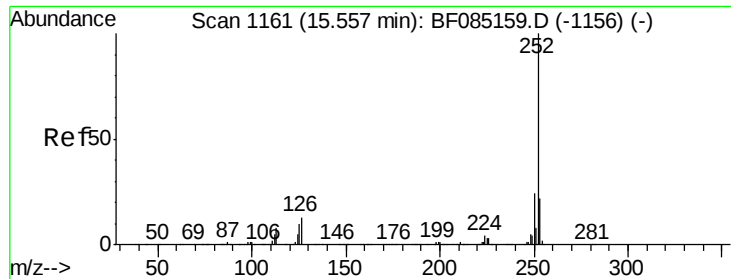
Delta R.T. 0.00 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.1	10.4	15.6#





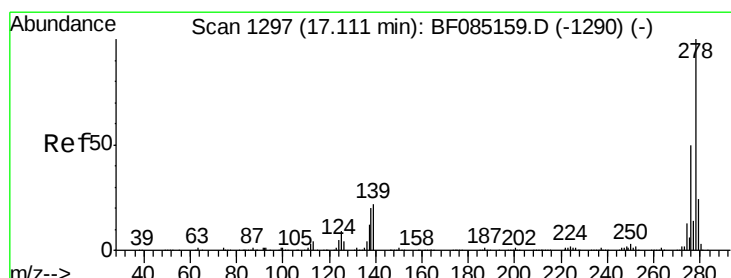
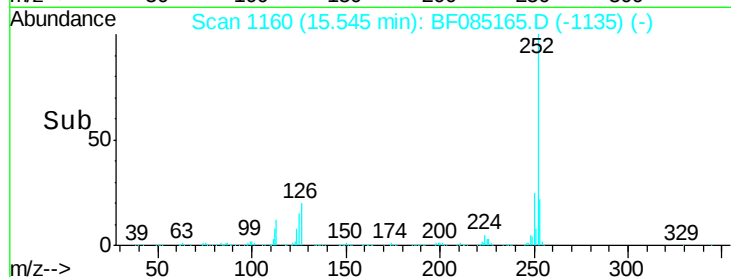
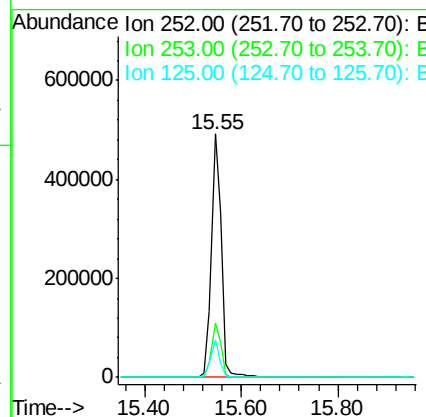
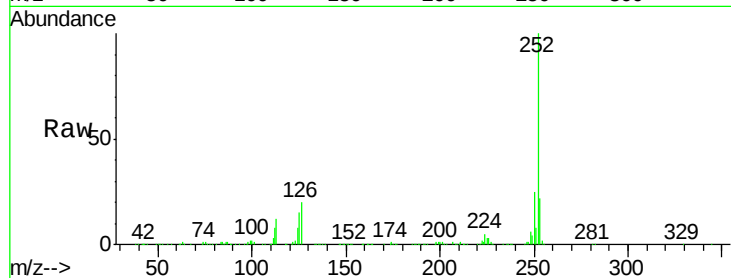
#89
Benzo(a)pyrene
Concen: 42.43 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB88646BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	15.5	8.2	12.4

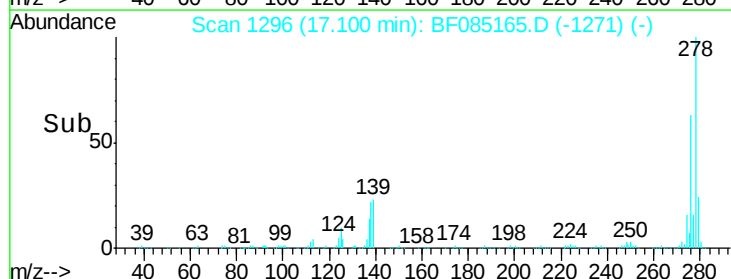
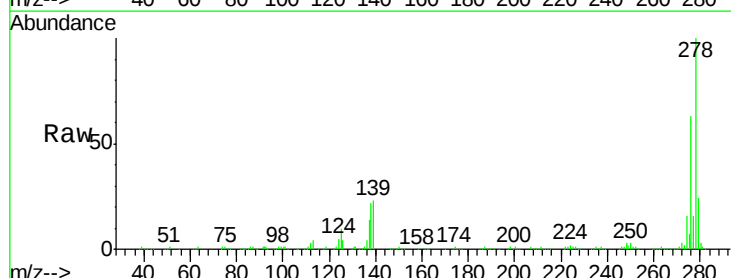
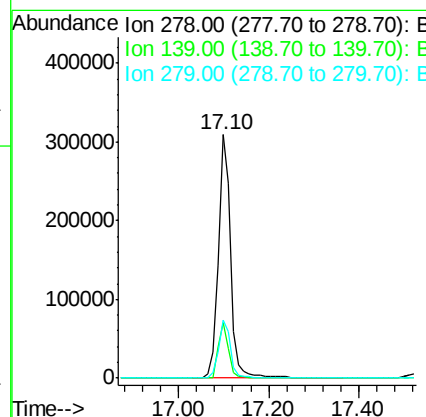
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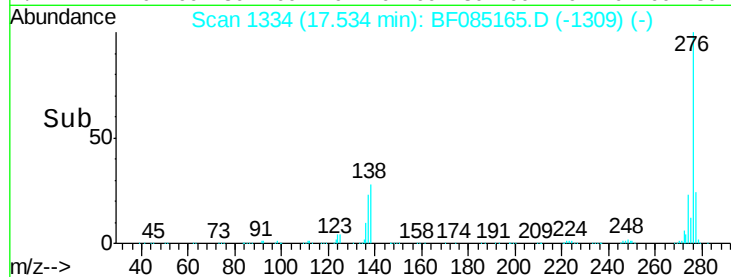
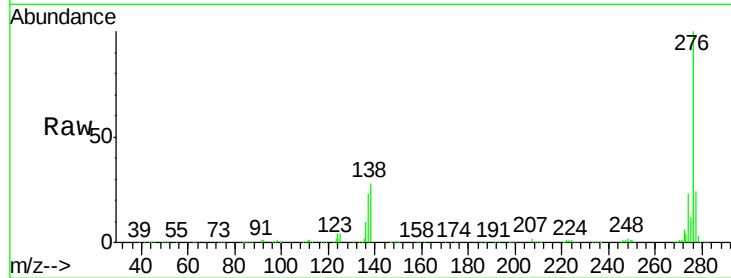
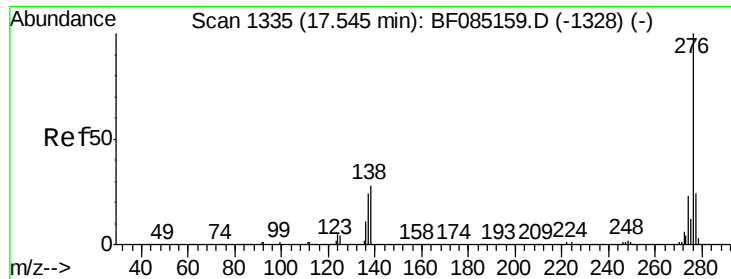
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#90
Dibenzo(a,h)anthracene
Concen: 41.63 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085165.D
Acq: 3 Mar 2016 19:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	17.3	25.9
279	24.1	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 40.68 ng

RT: 17.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF085165.D

Acq: 3 Mar 2016 19:24

Tgt Ion:	276	Resp:	577529
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.4
138	27.8	22.5	33.7

Instrument :

BNA_F

ClientSampleId :

PB88646BS

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