Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085126.D
Acq On : 2 Mar 2016 18:27
Operator : SJ/IZ
Sample : H1620-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 03 01:44:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	174671	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	723564	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	342450	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	565553	20.00	ng		0.00
75) Chrysene-d12	14.15	240	386184	20.00	ng		0.00
86) Perylene-d12	15.64	264	405055	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	795431	73.93	ng		0.01
7) Phenol-d6	6.61	99	590338	41.85	ng		0.00
23) Nitrobenzene-d5	7.56	82	1319247	97.00	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	570769	165.85	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2021392	86.93	ng		0.00
78) Terphenyl-d14	13.10	244	1587823	96.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	438	0.08	ng	#	57
3) Pyridine	3.61	79	211	0.02	ng	#	1
6) Aniline	6.70	93	218	0.01	ng	#	44
8) 2-Chlorophenol	6.78	128	955	0.08	ng	#	39
9) Benzaldehyde	6.54	77	1025	Below Cal		#	20
10) Phenol	6.62	94	3104	0.20	ng	#	53
11) bis(2-Chloroethyl)ether	6.76	93	1923	0.15	ng	#	1
15) Benzyl Alcohol	7.14	79	22440	2.18	ng	#	48
16) 2,2'-oxybis(1-Chloropropan	7.30	45	481	0.03	ng	#	1
17) 2-Methylphenol	7.45	107	206	0.02	ng	#	1
18) Hexachloroethane	7.57	117	135387	26.98	ng	#	26
19) n-Nitroso-di-n-propylamine	7.56	70	182221	19.60	ng	#	80
20) 3+4-Methylphenols	7.45	107	206	0.02	ng	#	1
22) Acetophenone	7.38	105	11372	0.62	ng	#	59
24) Nitrobenzene	7.53	77	12599	0.89	ng	#	21
27) 2,4-Dimethylphenol	7.96	122	848	0.07	ng	#	6
28) bis(2-Chloroethoxy)methane	8.01	93	1444	0.10	ng	#	37
29) 2,4-Dichlorophenol	8.22	162	1042	0.10	ng	#	48
30) 1,2,4-Trichlorobenzene	8.22	180	277	0.03	ng	#	71
31) Naphthalene	8.30	128	21077	0.58	ng	#	19
32) Benzoic acid	8.05	122	635	12.47	ng	#	1
33) 4-Chloroaniline	8.32	127	5606	0.39	ng	#	1
35) Caprolactam	8.74	113	779	0.25	ng	#	12
36) 4-Chloro-3-methylphenol	8.84	107	2835	0.25	ng	#	57
37) 2-Methylnaphthalene	9.09	142	522290	23.35	ng		98
45) 1,1'-Biphenyl	9.56	154	1448	0.05	ng	#	1
46) 2-Chloronaphthalene	9.27	162	1232	0.06	ng		93
47) 2-Nitroaniline	9.61	65	2000	0.29	ng	#	15
48) Acenaphthylene	9.89	152	12029	0.37	ng	#	1
49) Dimethylphthalate	9.74	163	166647	6.56	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	1720	0.33	ng	#	63
51) Acenaphthene	10.06	154	33835	1.64	ng		97
52) 3-Nitroaniline	10.00	138	972	0.16	ng	#	67
53) 2,4-Dinitrophenol	10.17	184	285	8.51	ng	#	41

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085126.D
Acq On : 2 Mar 2016 18:27
Operator : SJ/IZ
Sample : H1620-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 03 01:44:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	10.23	168	42487	1.58	ng	#	83
55) 4-Nitrophenol	10.14	139	3289	0.69	ng	#	76
56) 2,4-Dinitrotoluene	10.18	165	3792	0.53	ng	#	50
57) Fluorene	10.57	166	50291	2.38	ng	#	98
59) Diethylphthalate	10.45	149	5915	0.24	ng	#	80
60) 4-Chlorophenyl-phenylether	10.55	204	965	0.09	ng	#	1
61) 4-Nitroaniline	10.57	138	1007	0.17	ng		95
62) Azobenzene	10.74	77	5924	0.24	ng	#	28
64) 4,6-Dinitro-2-methylphenol	10.65	198	309	7.28	ng	#	1
65) n-Nitrosodiphenylamine	10.74	169	5192	0.29	ng	#	52
66) 4-Bromophenyl-phenylether	10.82	248	38154	6.43	ng	#	1
68) Atrazine	11.21	200	422	0.08	ng	#	1
69) Pentachlorophenol	11.32	266	460	0.12	ng		90
70) Phenanthrene	11.54	178	23491	0.84	ng	#	95
71) Anthracene	11.59	178	3157	0.10	ng	#	69
72) Carbazole	11.74	167	6898	0.25	ng	#	49
73) Di-n-butylphthalate	12.07	149	11502	0.35	ng	#	88
74) Fluoranthene	12.61	202	4305	0.14	ng		78
76) Benzidine	12.71	184	1317	0.11	ng	#	1
77) Pyrene	12.96	202	2658	0.10	ng	#	53
79) Butylbenzylphthalate	13.57	149	942	0.08	ng	#	1
80) Benzo(a)anthracene	14.15	228	3505	0.16	ng	#	59
81) 3,3'-Dichlorobenzidine	14.11	252	662	0.09	ng	#	1
82) Chrysene	14.15	228	3505	0.17	ng	#	67
83) Bis(2-ethylhexyl)phthalate	14.13	149	2372	0.18	ng	#	74
84) Di-n-octyl phthalate	14.78	149	6585	0.34	ng	#	1
87) Benzo(b)fluoranthene	15.19	252	1763	0.07	ng	#	1
88) Benzo(k)fluoranthene	15.19	252	1763	0.08	ng	#	1
89) Benzo(a)pyrene	15.57	252	924	0.04	ng	#	1
91) Benzo(g,h,i)perylene	17.61	276	216	0.01	ng	#	52

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085126.D
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Misc :
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Instrument :
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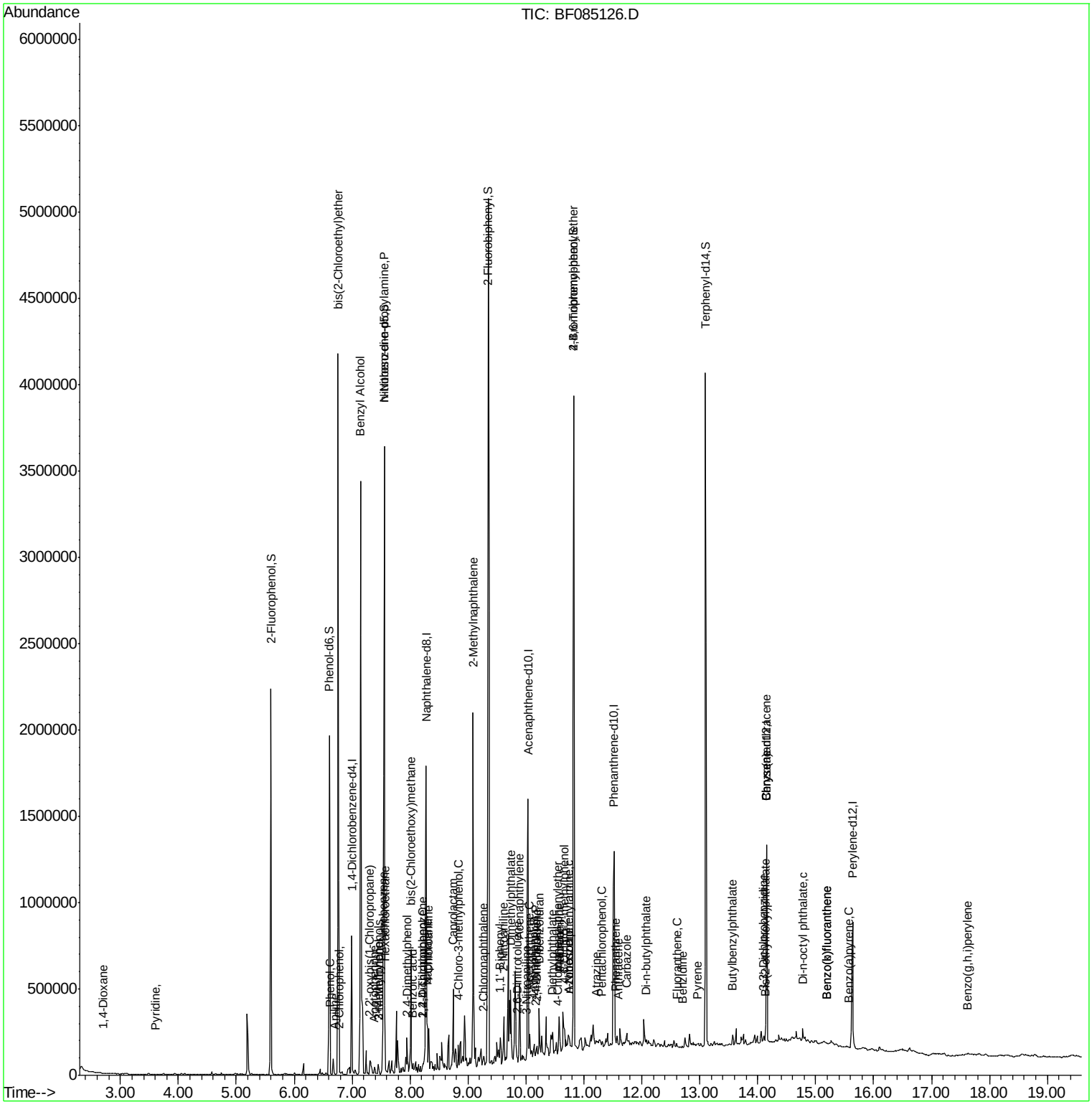
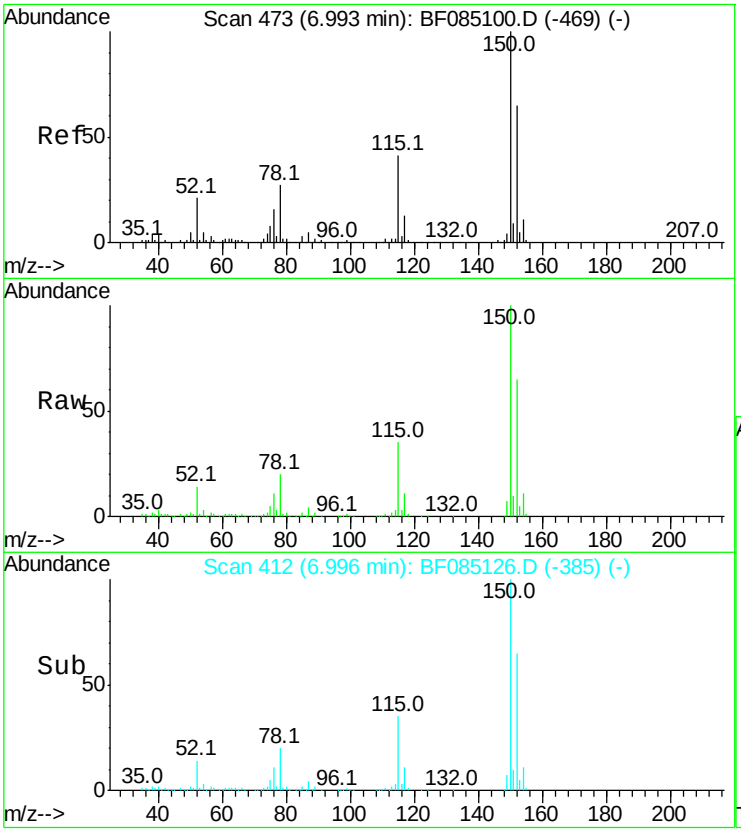
ClientSampleId :

Quant Time: Mar 03 01:44:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration



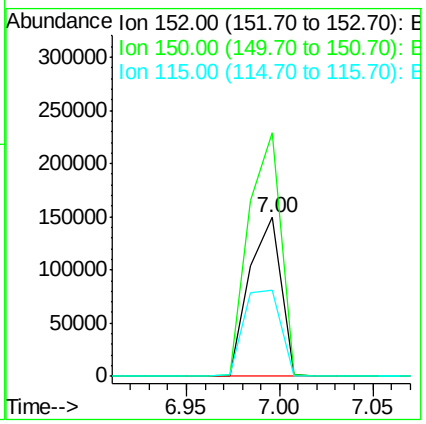


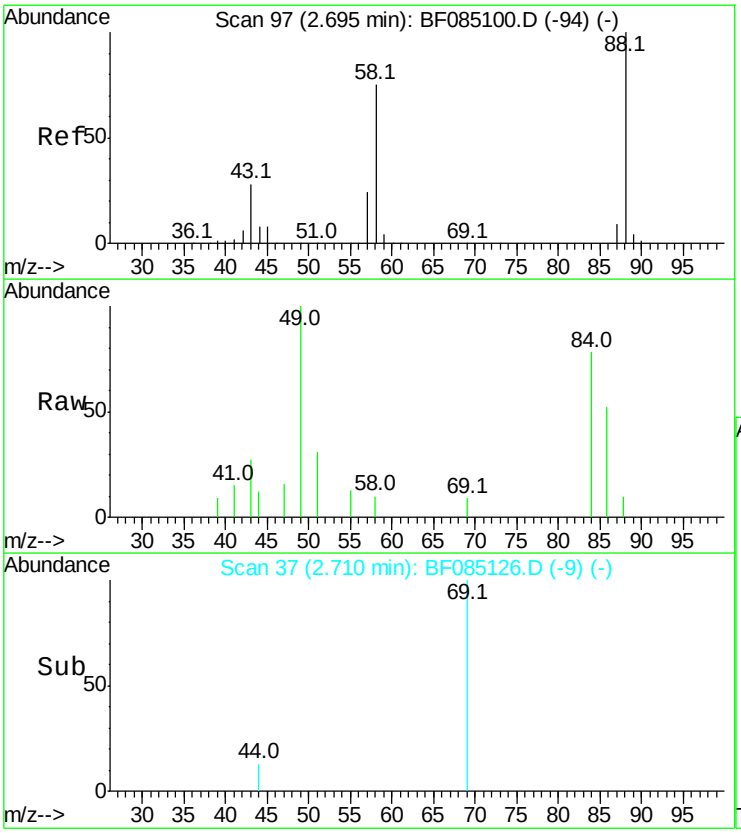
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 174671

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.4	185.0
115	54.3	50.0	75.0

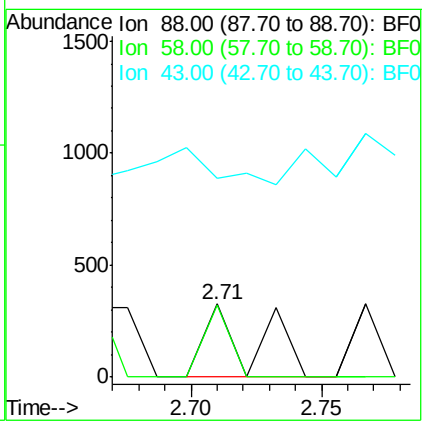


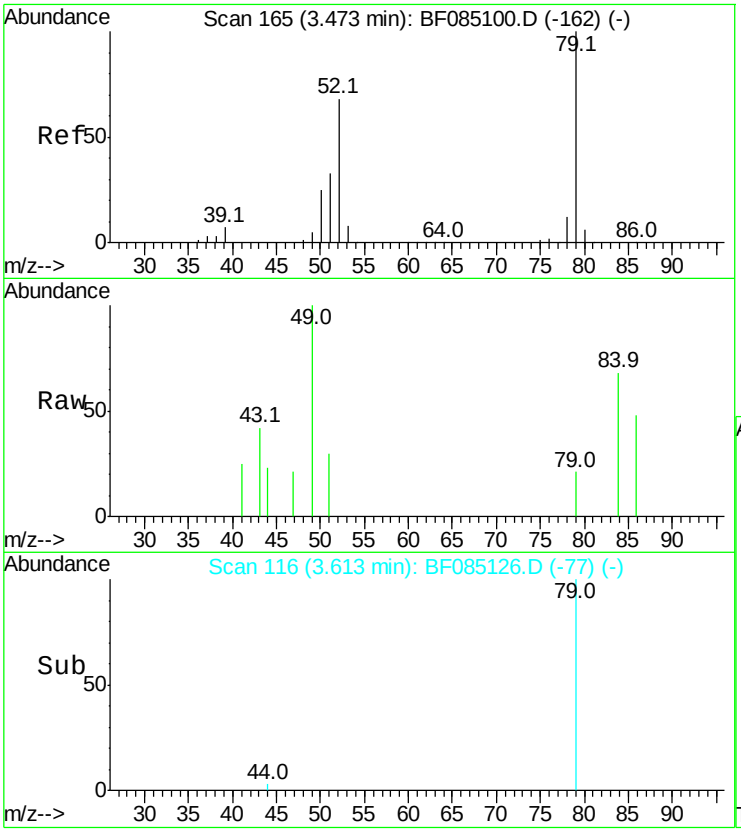


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 2.71 min Scan# 37
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 88 Resp: 438

Ion	Ratio	Lower	Upper
88	100		
58	50.2	58.4	87.6#
43	72.1	22.2	33.4#



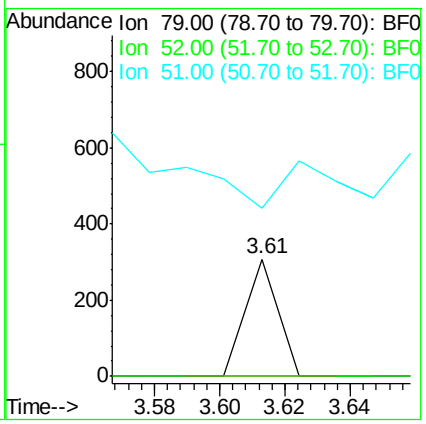


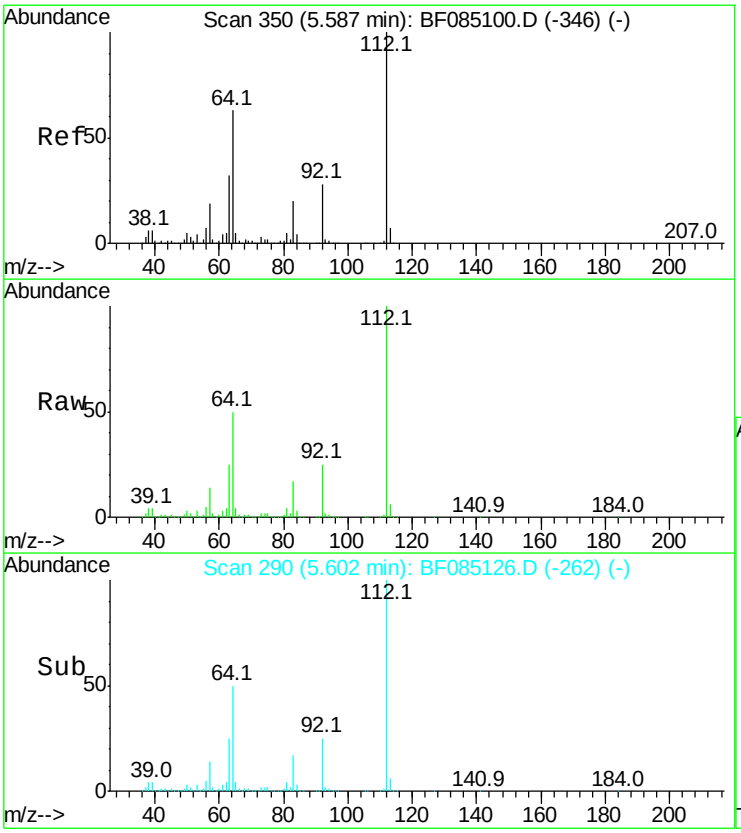
#3
Pyridine
Concen: 0.02 ng
RT: 3.61 min Scan# 116
Delta R.T. 0.14 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 211

Ion	Ratio	Lower	Upper
79	100		
52	0.0	54.1	81.1#
51	143.5	26.6	40.0#

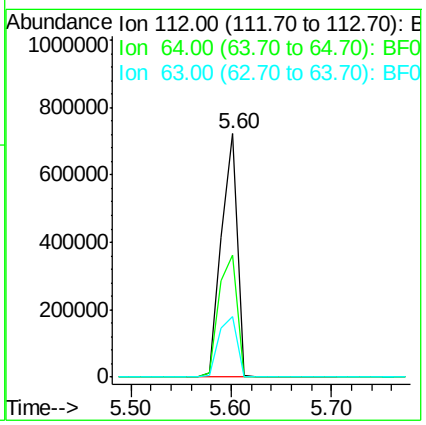


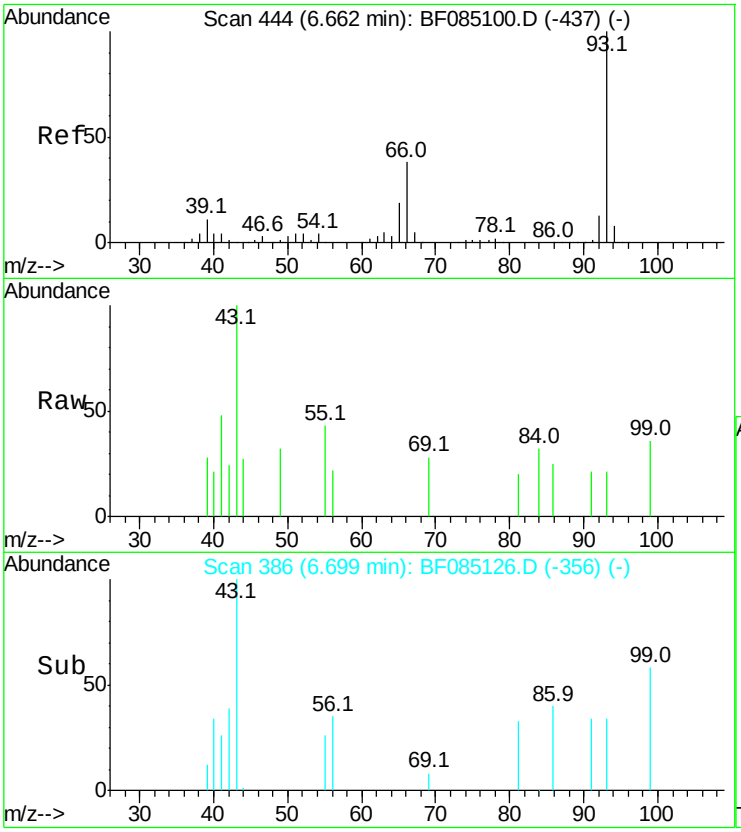


#5
2-Fluorophenol
Concen: 73.93 ng
RT: 5.60 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:112 Resp: 795431

Ion	Ratio	Lower	Upper
112	100		
64	50.0	50.6	76.0#
63	25.0	25.5	38.3#



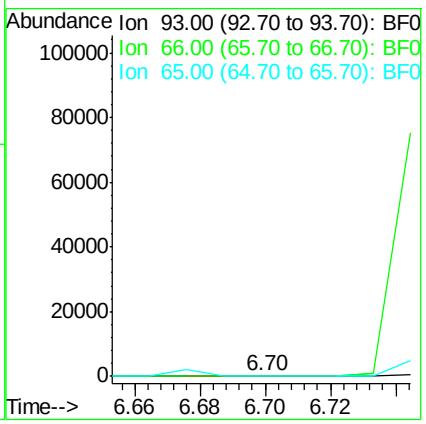


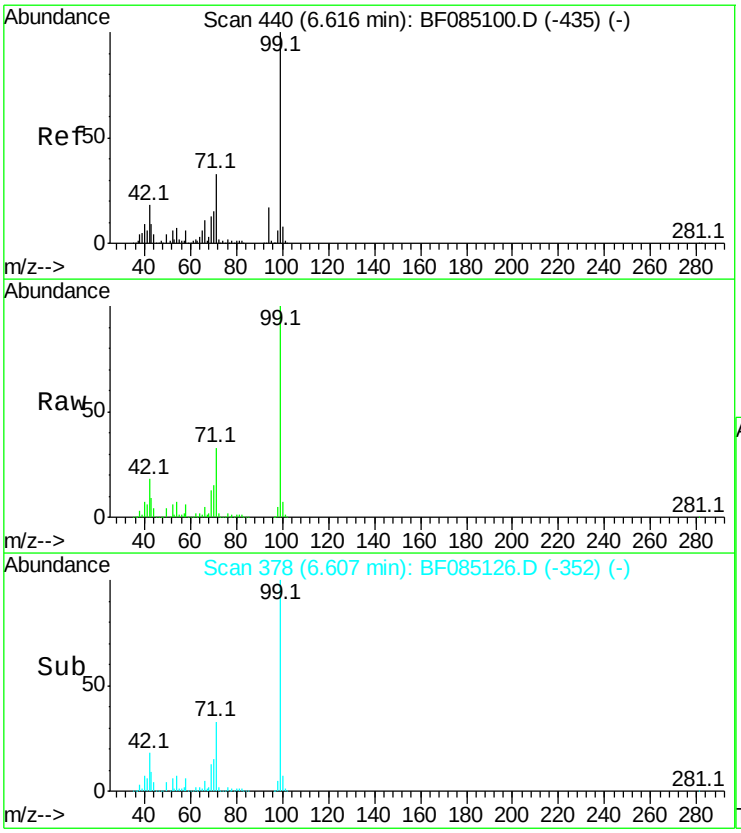
#6
Aniline
Concen: 0.01 ng
RT: 6.70 min Scan# 386
Delta R.T. 0.04 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 218

Ion	Ratio	Lower	Upper
93	100		
66	0.0	30.1	45.1#
65	0.0	15.0	22.6#

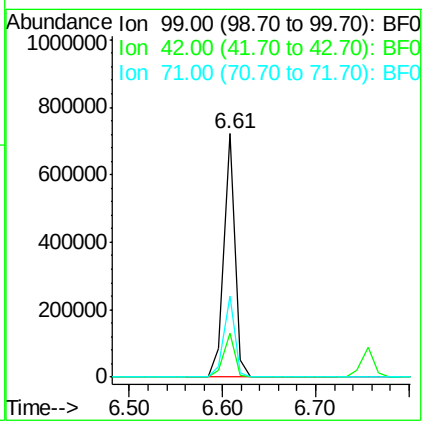


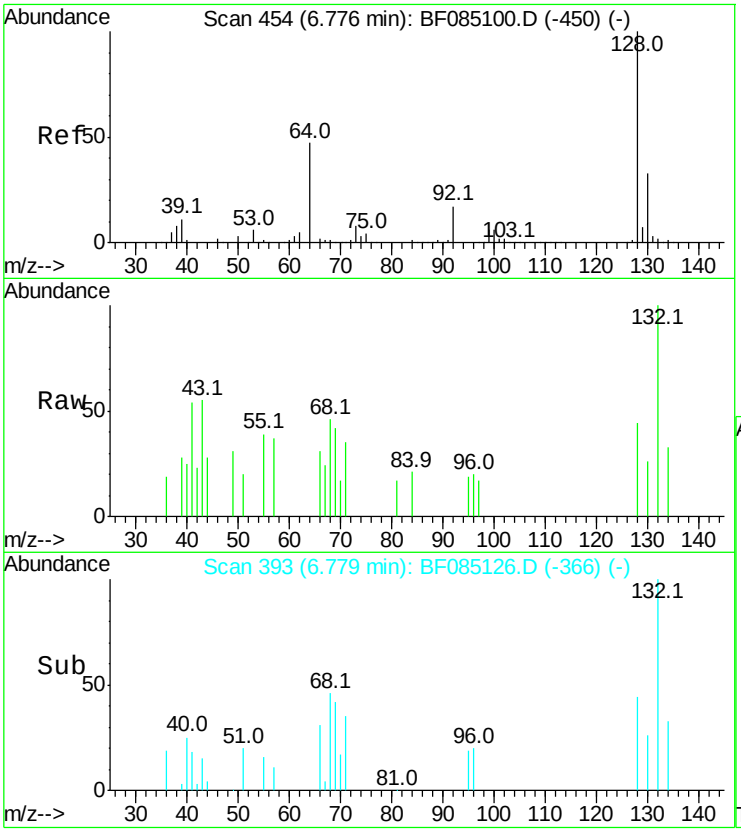


#7
Phenol-d6
Concen: 41.85 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 99 Resp: 590338

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	33.0	26.8	40.2



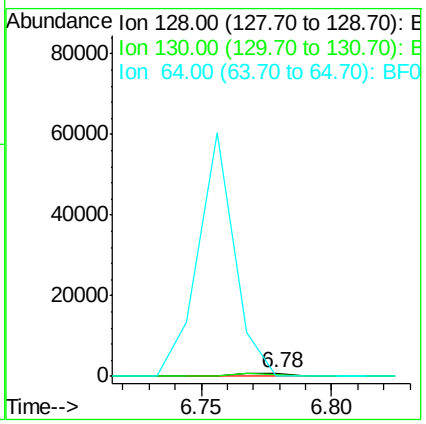


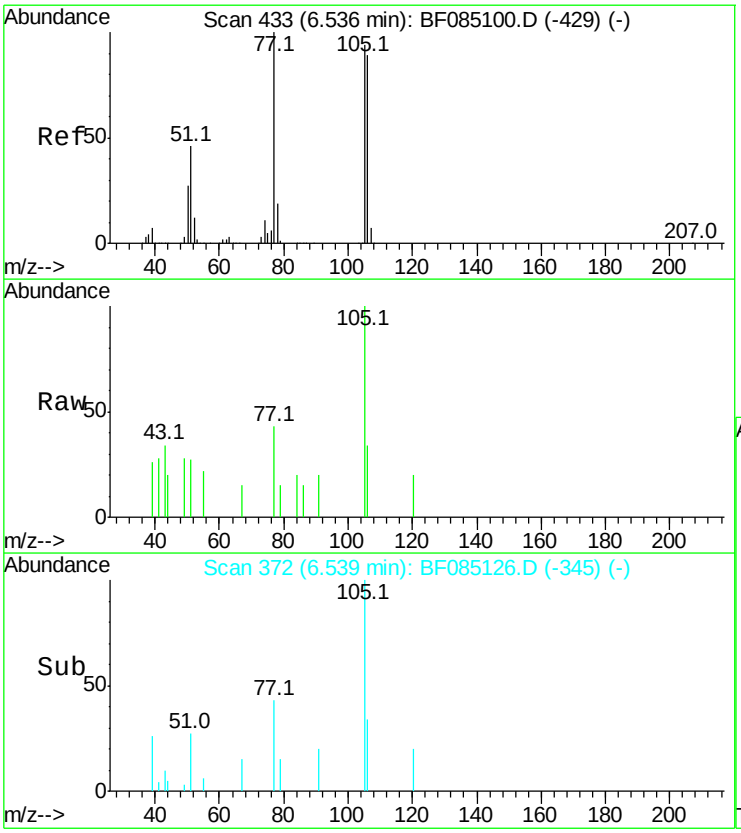
#8
2-Chlorophenol
Concen: 0.08 ng
RT: 6.78 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 955

Ion	Ratio	Lower	Upper
128	100		
130	58.2	13.1	53.1#
64	0.0	29.6	69.6#

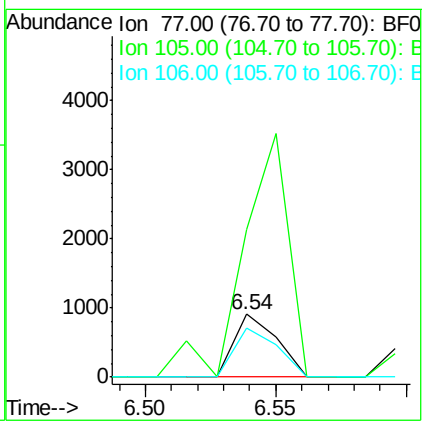


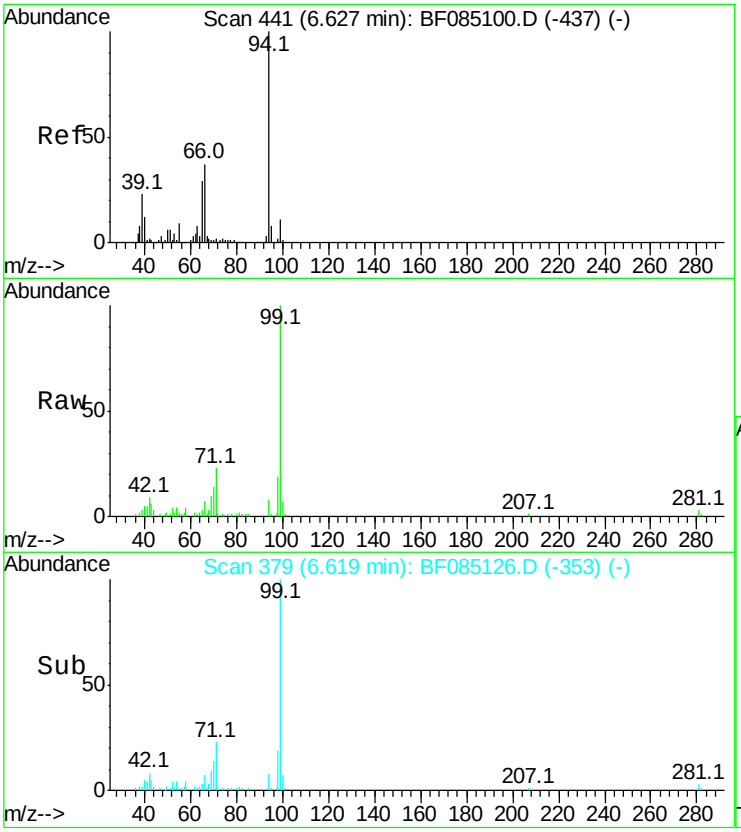


#9
Benzaldehyde
Concen: Below Cal
RT: 6.54 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 77 Resp: 1025

Ion	Ratio	Lower	Upper
77	100		
105	234.5	73.7	113.7#
106	79.1	69.2	109.2



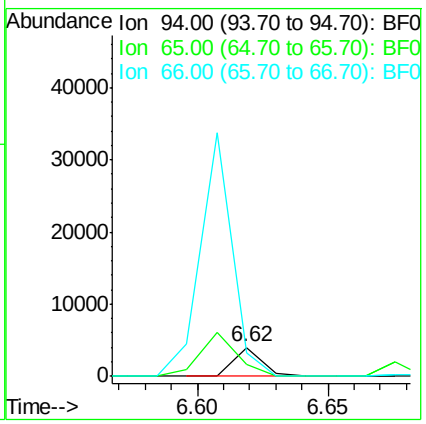


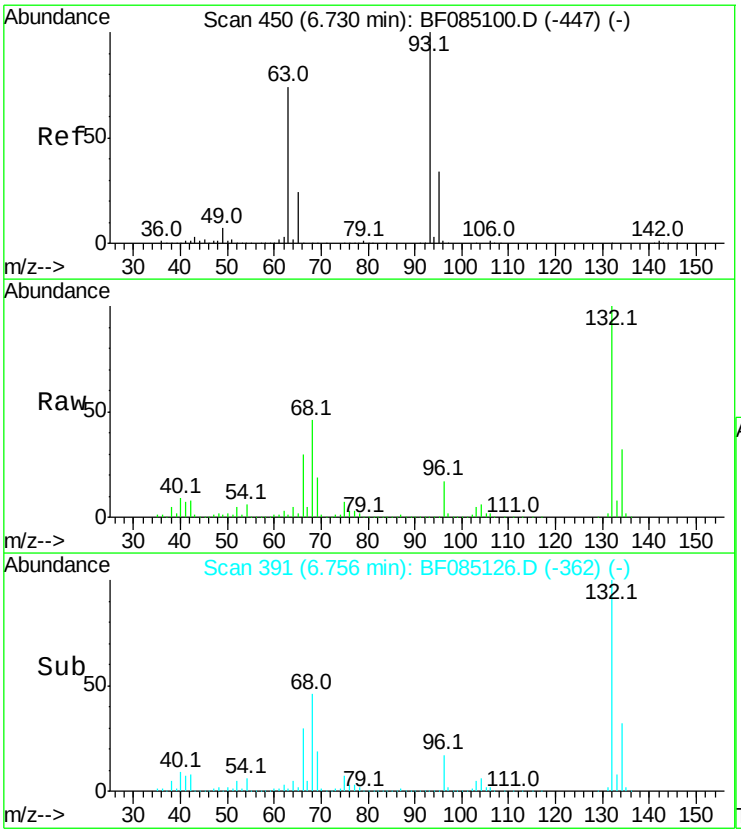
#10
Phenol
Concen: 0.20 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 3104

Ion	Ratio	Lower	Upper
94	100		
65	38.8	9.1	49.1
66	79.1	17.5	57.5#

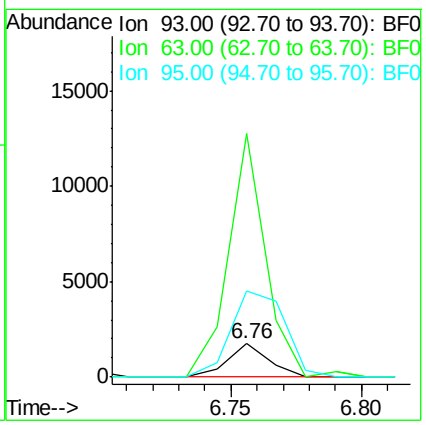


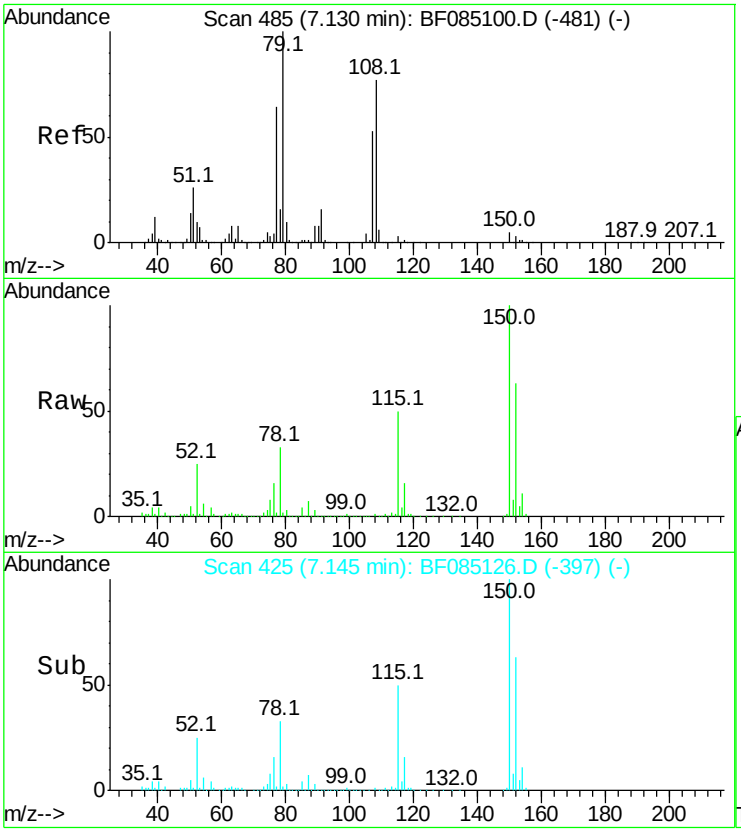


#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.03 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 93 Resp: 1923

Ion	Ratio	Lower	Upper
93	100		
63	730.1	53.9	93.9#
95	259.7	13.8	53.8#



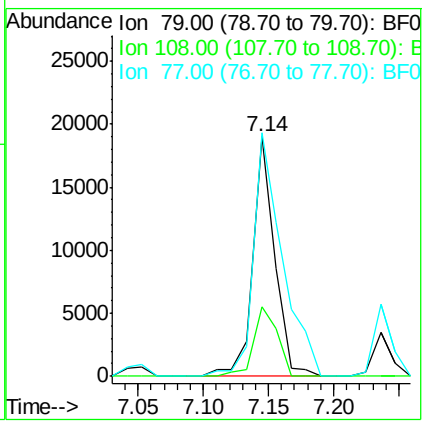


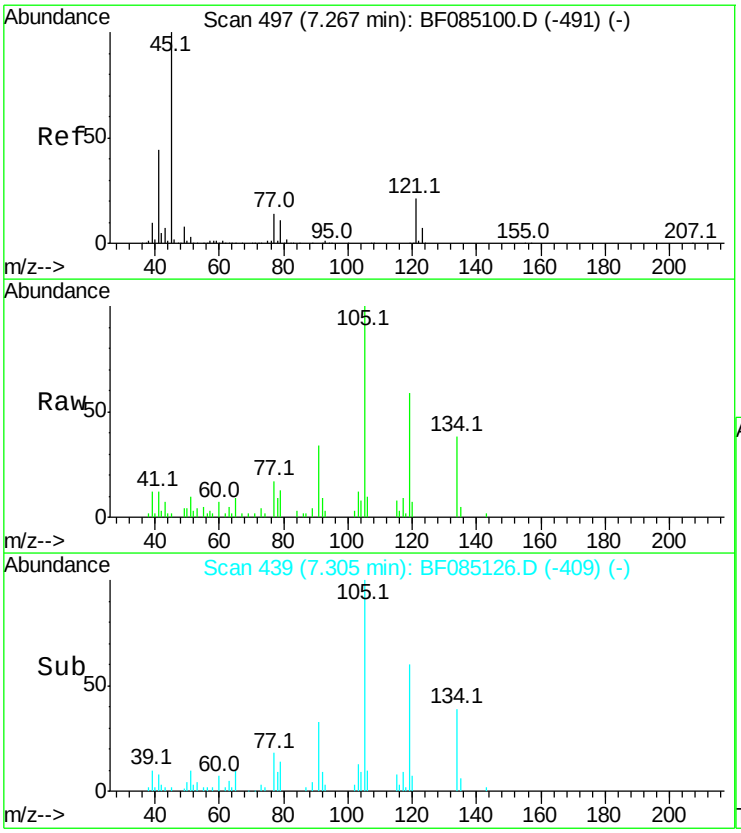
#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 7.14 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 22440

Ion	Ratio	Lower	Upper
79	100		
108	28.8	61.8	92.6#
77	101.6	51.2	76.8#

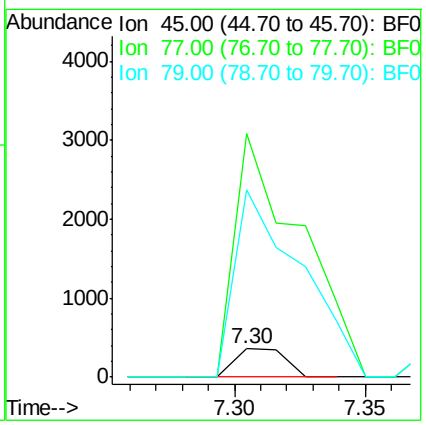


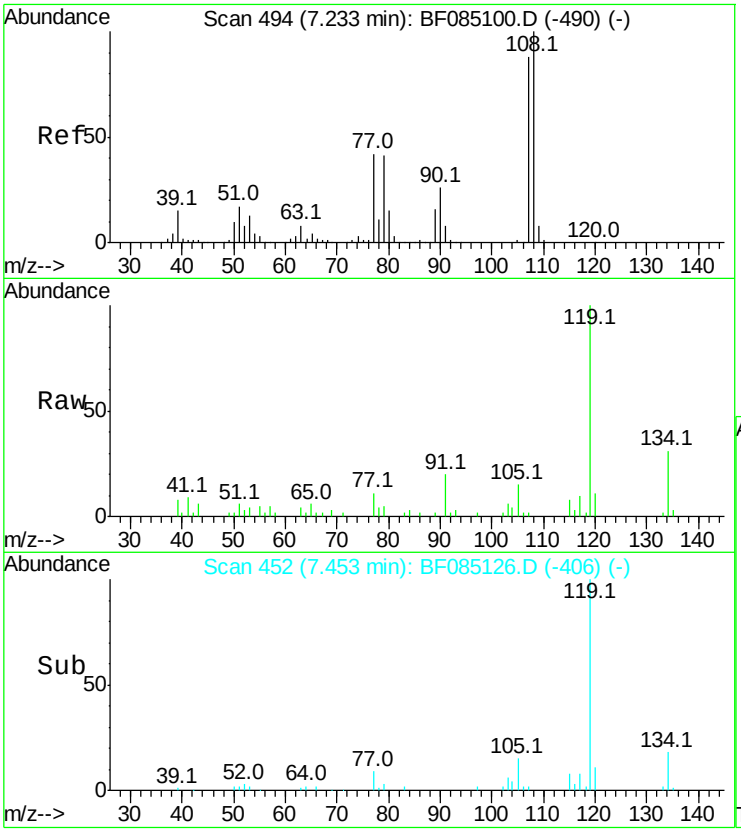


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 7.30 min Scan# 439
Delta R.T. 0.04 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 45 Resp: 481

Ion	Ratio	Lower	Upper
45	100		
77	856.4	0.0	34.4#
79	658.3	0.0	31.1#



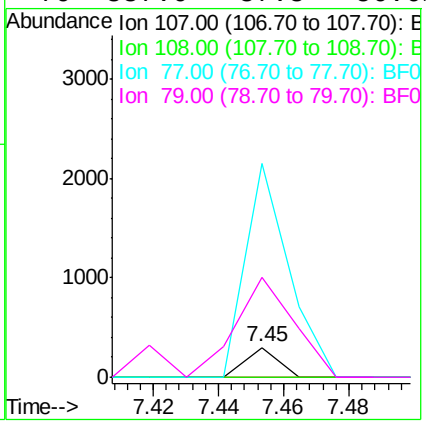


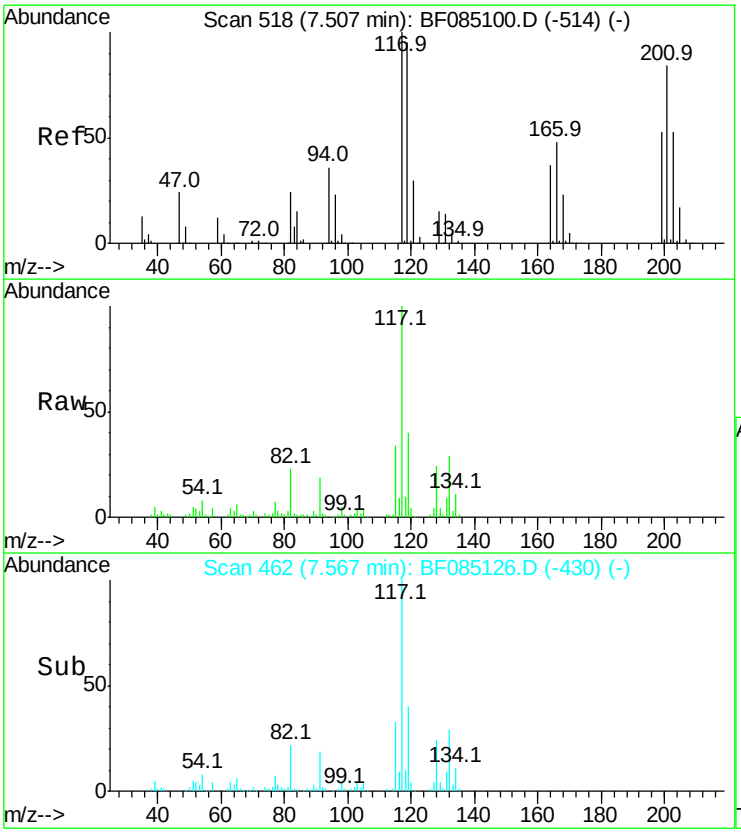
#17
2-Methylphenol
Concen: 0.02 ng
RT: 7.45 min Scan# 452
Delta R.T. 0.22 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 206

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.4	137.2#
77	717.3	38.7	58.1#
79	337.0	37.8	56.6#

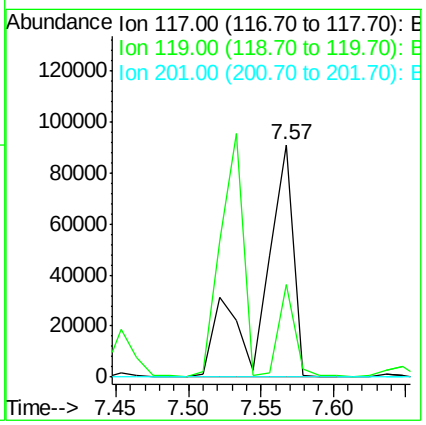


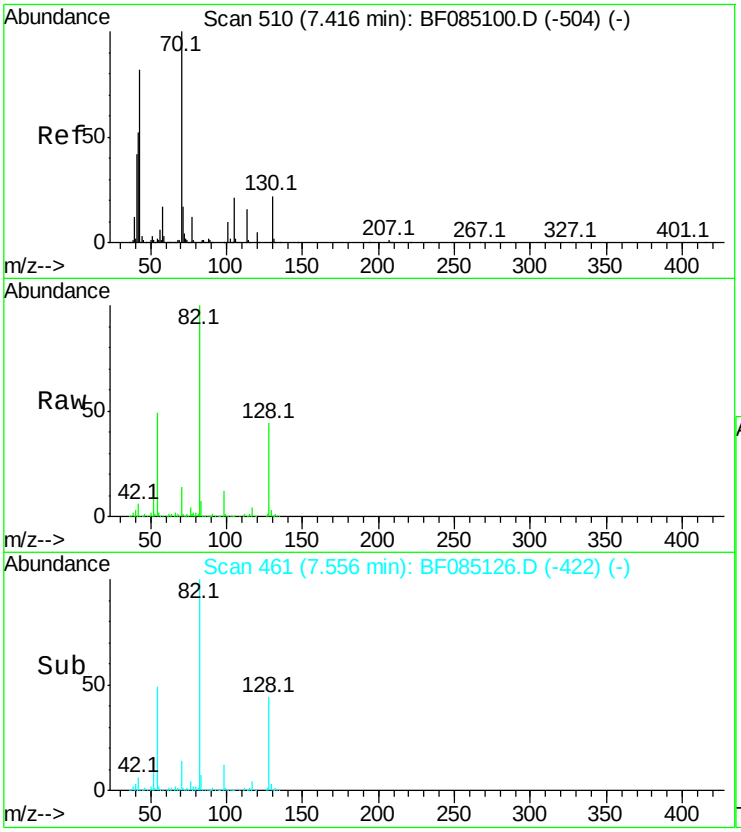


#18
Hexachloroethane
Concen: 26.98 ng
RT: 7.57 min Scan# 462
Delta R.T. 0.06 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:117 Resp: 135387

Ion	Ratio	Lower	Upper
117	100		
119	39.7	76.2	114.4#
201	0.0	66.8	100.2#



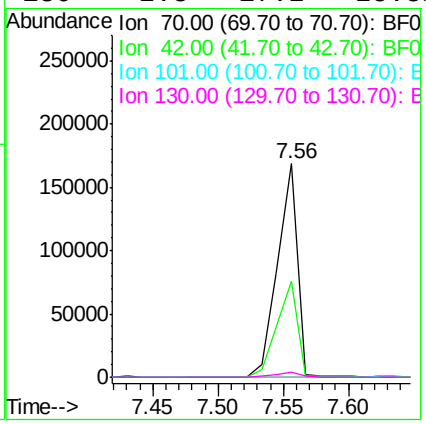


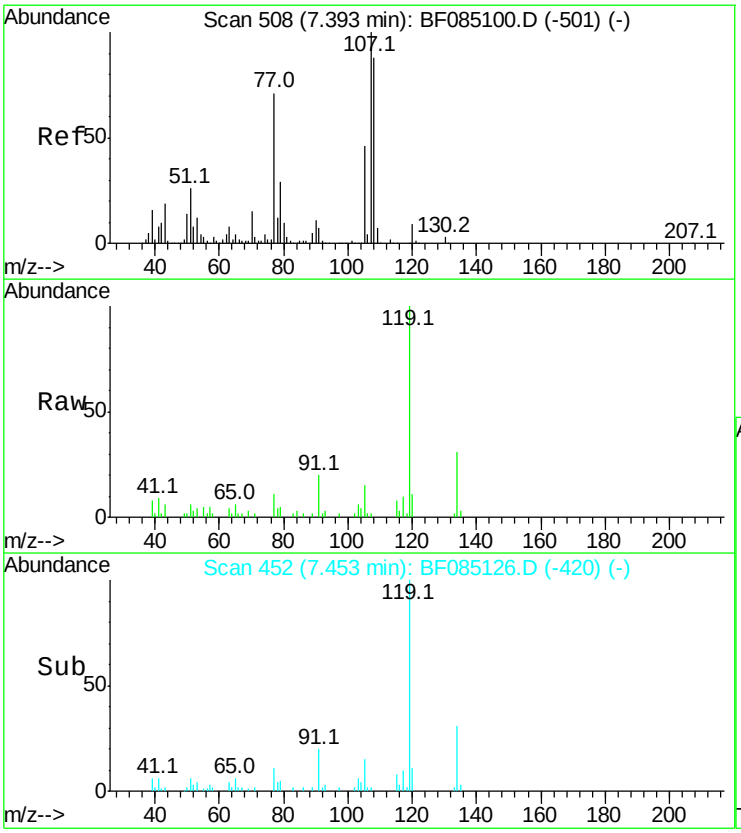
#19
n-Nitroso-di-n-propylamine
Concen: 19.60 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 182221

Ion	Ratio	Lower	Upper
70	100		
42	44.8	41.9	62.9
101	0.2	7.8	11.8#
130	2.3	17.2	25.8#

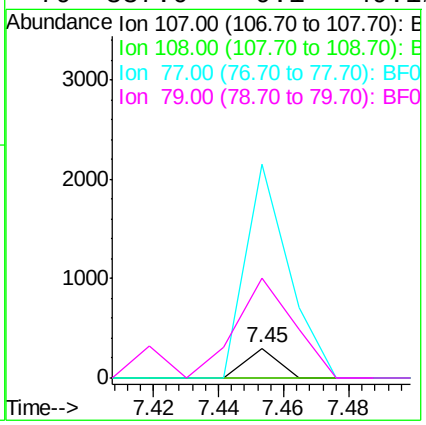


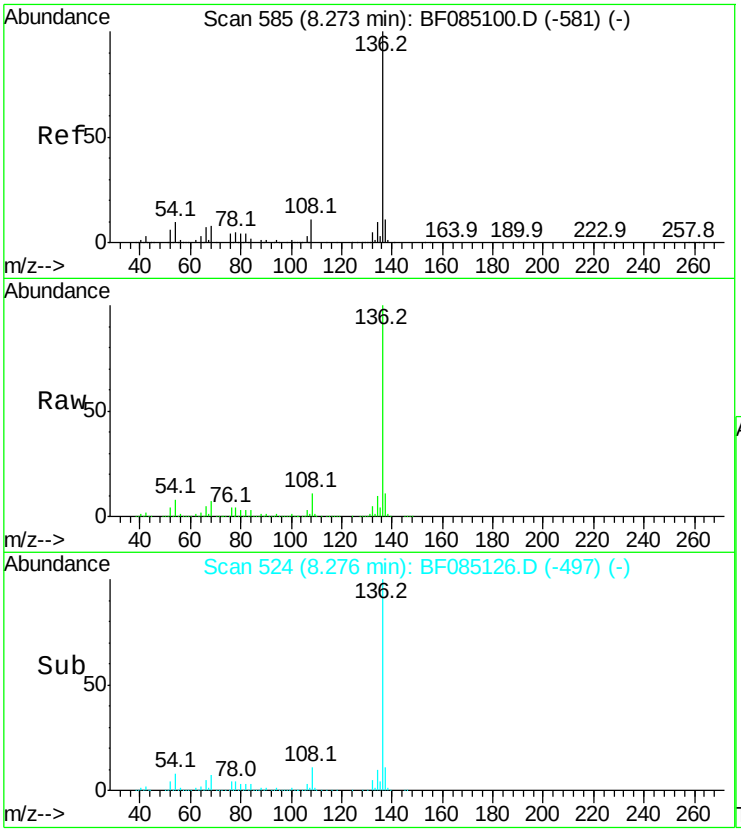


#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.45 min Scan# 452
Delta R.T. 0.06 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:107 Resp: 206

Ion	Ratio	Lower	Upper
107	100		
108	0.0	67.8	107.8#
77	717.3	50.6	90.6#
79	337.0	9.1	49.1#



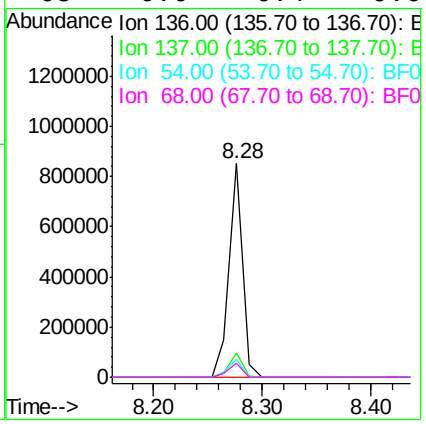


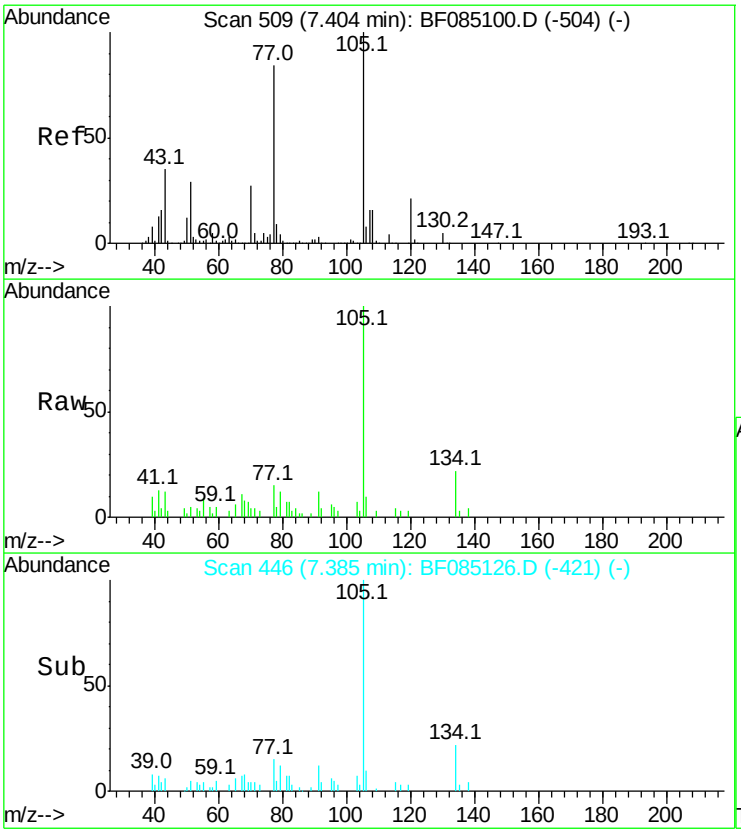
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 723564

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.1	8.5	12.7#
68	6.6	6.4	9.6

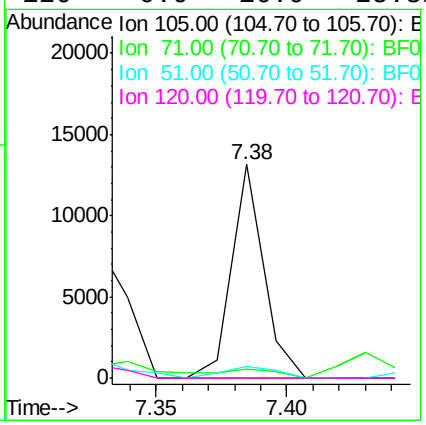


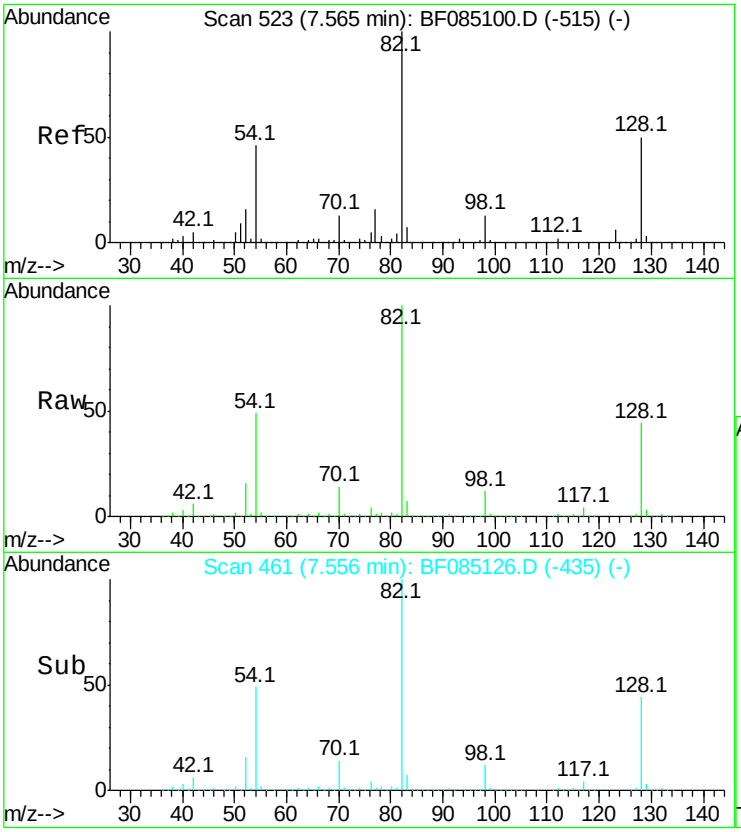


#22
Acetophenone
Concen: 0.62 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:105 Resp: 11372

Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.8	5.6
51	5.5	22.9	34.3#
120	0.0	16.9	25.3#



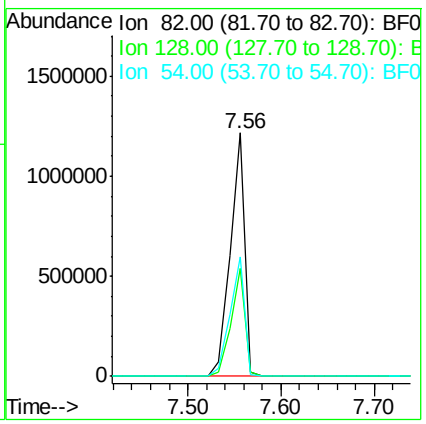


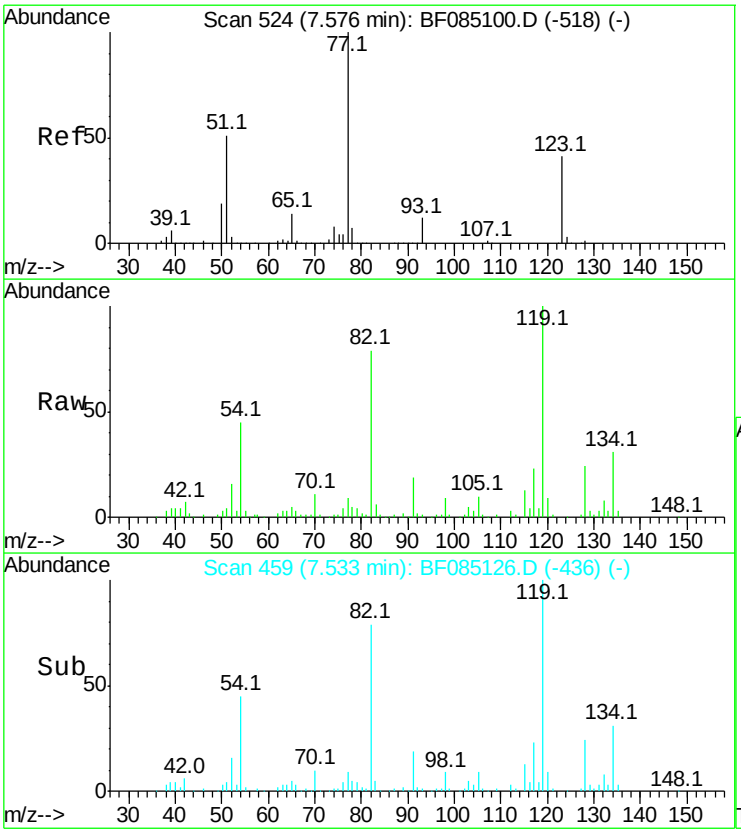
#23
Nitrobenzene-d5
Concen: 97.00 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1319247

Ion	Ratio	Lower	Upper
82	100		
128	44.4	39.8	59.6
54	49.1	36.6	54.8

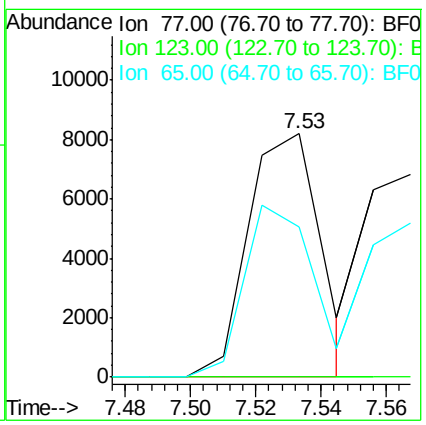


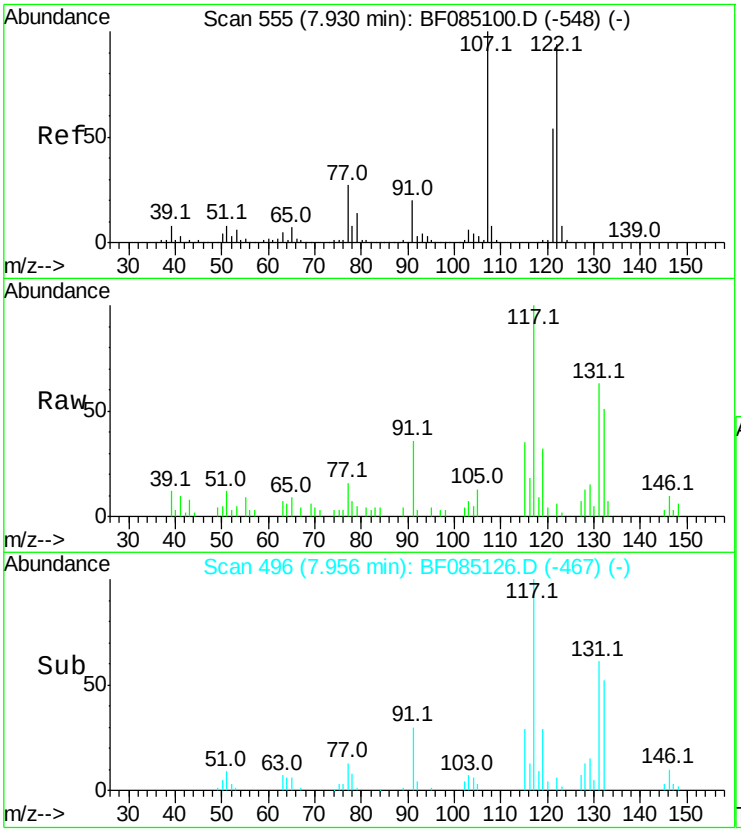


#24
Nitrobenzene
Concen: 0.89 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.04 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 77 Resp: 12599

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.4	50.2#
65	61.9	10.9	16.3#



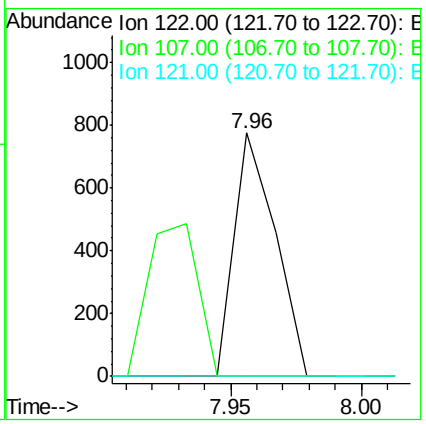


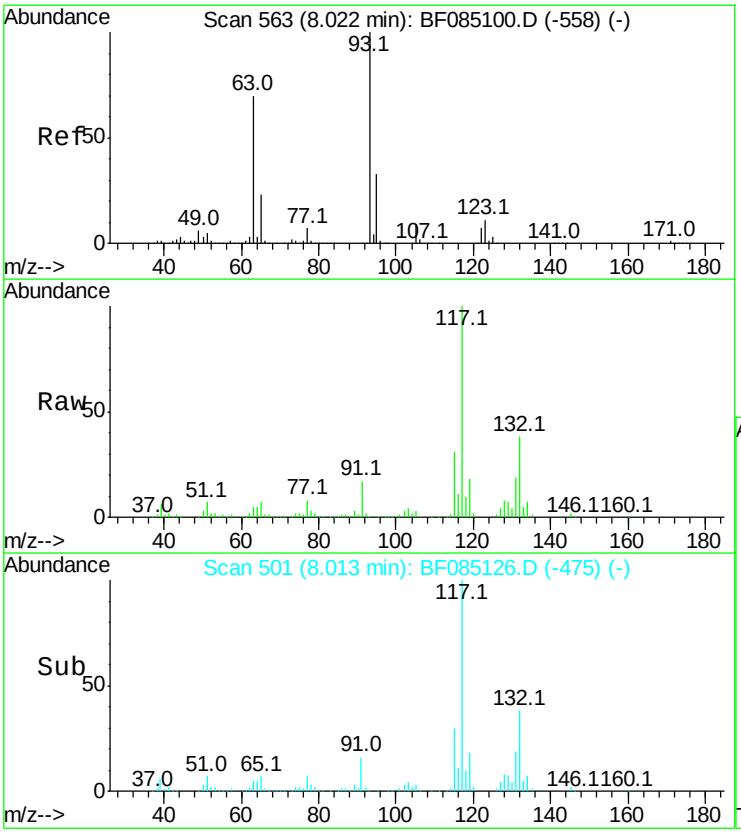
#27
2,4-Dimethylphenol
Concen: 0.07 ng
RT: 7.96 min Scan# 496
Delta R.T. 0.03 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 848

Ion	Ratio	Lower	Upper
122	100		
107	0.0	85.0	127.4#
121	0.0	45.8	68.8#

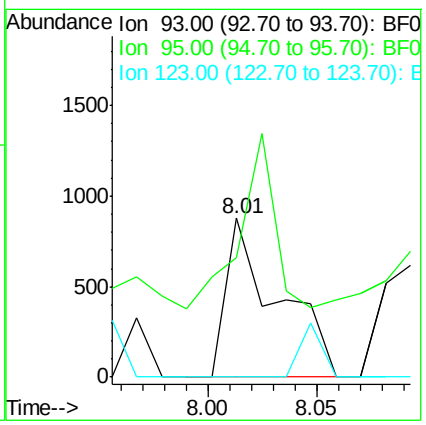


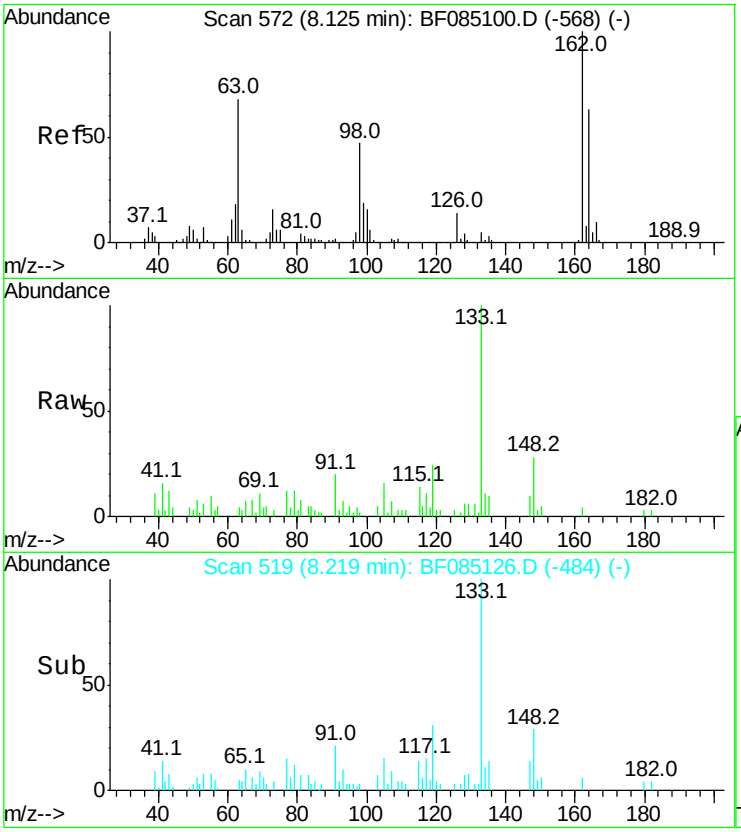


#28
bis(2-Chloroethoxy)methane
Concen: 0.10 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 93 Resp: 1444

Ion	Ratio	Lower	Upper
93	100		
95	75.1	26.2	39.4#
123	0.0	8.8	13.2#



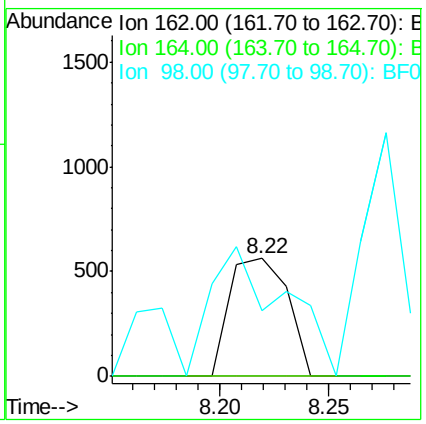


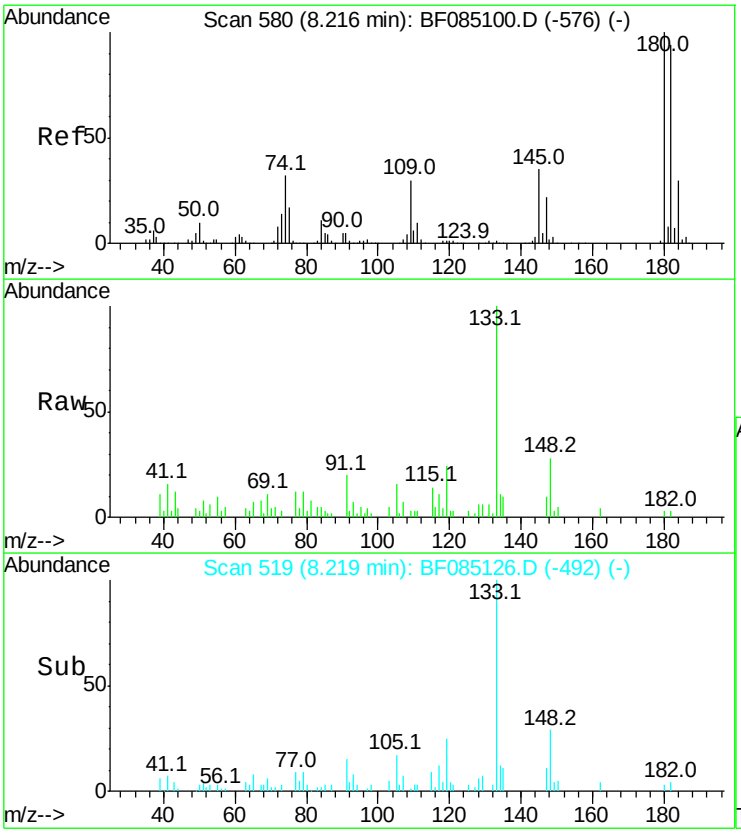
#29
2,4-Dichlorophenol
Concen: 0.10 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.09 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 1042

Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.9	82.9#
98	55.6	26.9	66.9

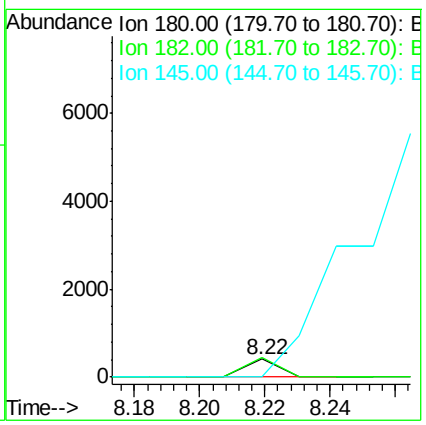


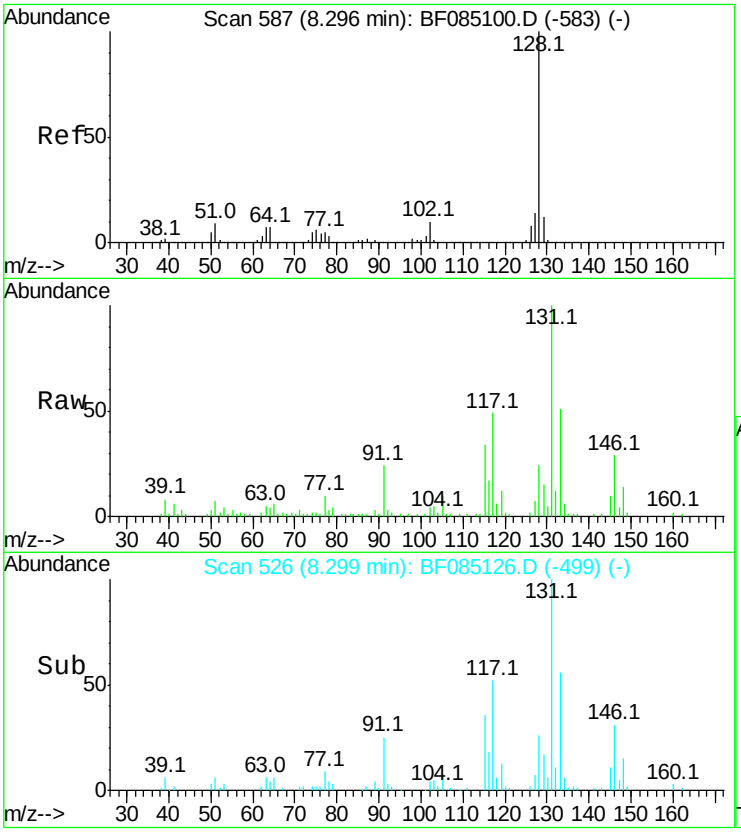


#30
1,2,4-Trichlorobenzene
Concen: 0.03 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:180 Resp: 277

Ion	Ratio	Lower	Upper
180	100		
182	110.6	75.4	113.0
145	0.0	27.8	41.8#



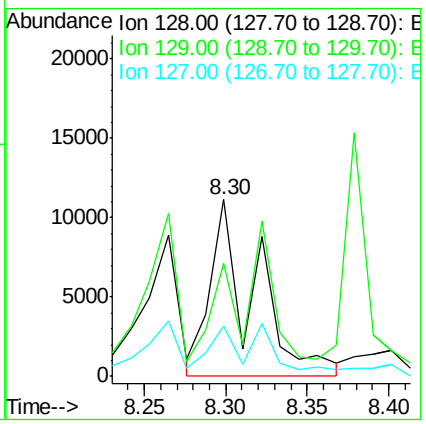


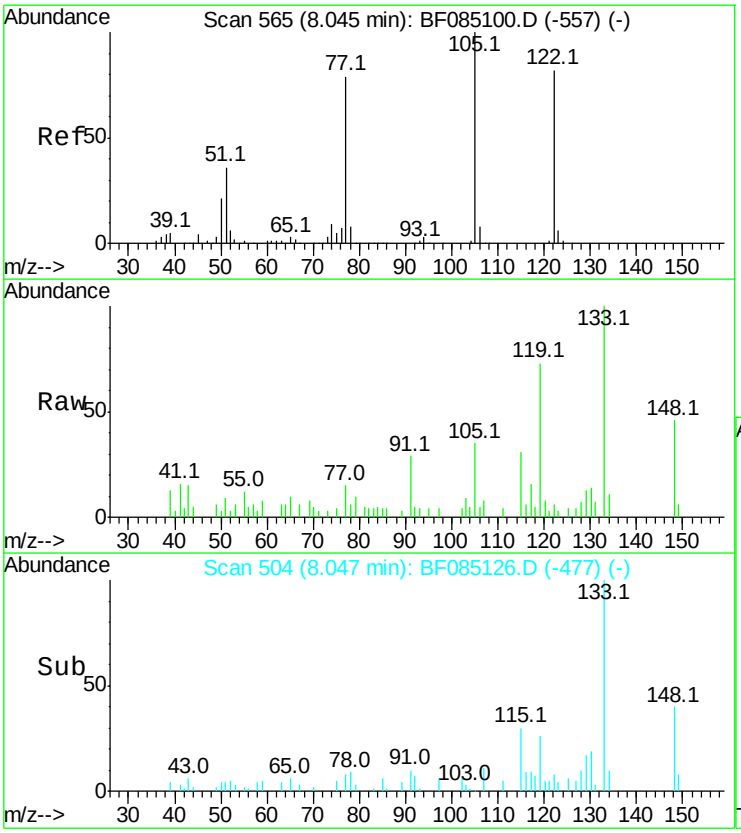
#31
Naphthalene
Concen: 0.58 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 21077

Ion	Ratio	Lower	Upper
128	100		
129	64.3	9.7	14.5#
127	28.3	11.1	16.7#

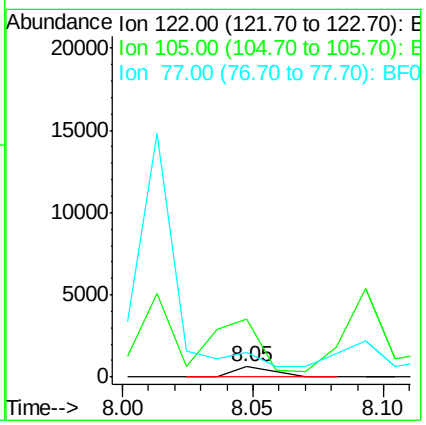


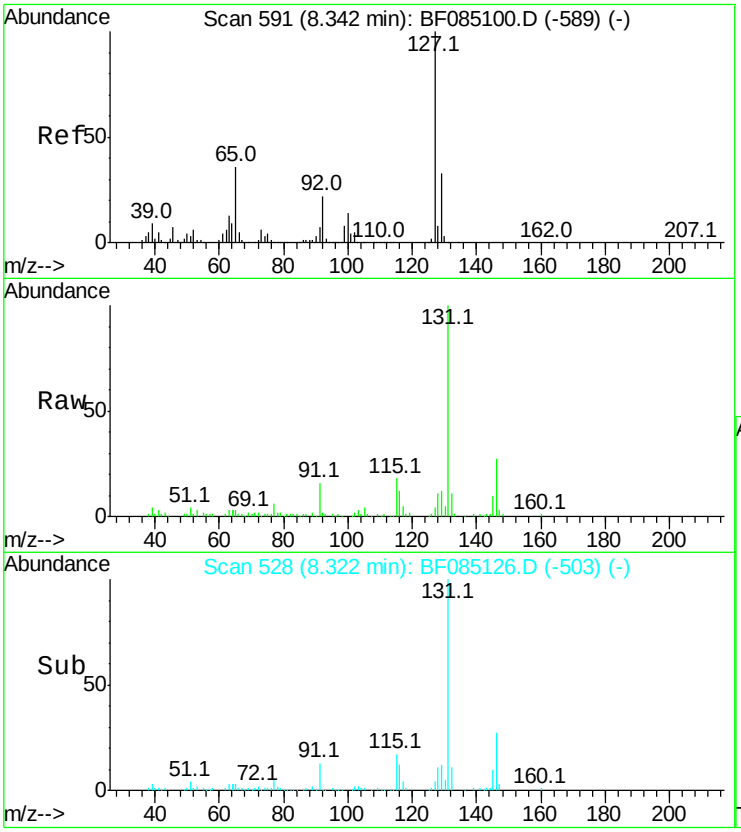


#32
Benzoic acid
Concen: 12.47 ng
RT: 8.05 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:122 Resp: 635

Ion	Ratio	Lower	Upper
122	100		
105	567.5	102.0	142.0#
77	238.6	76.8	116.8#



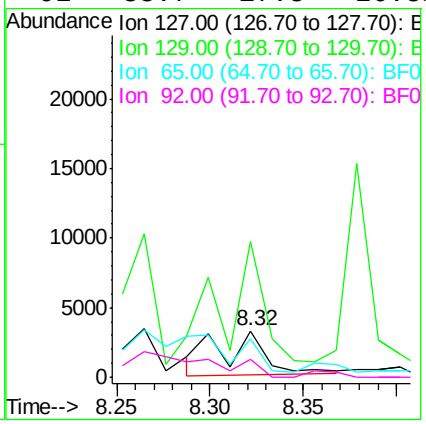


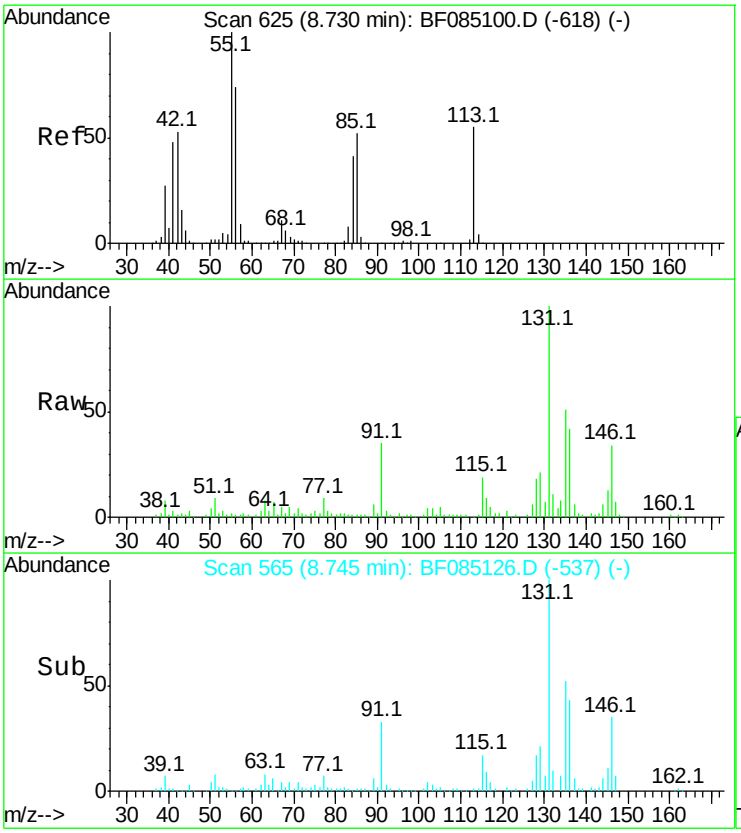
#33
4-Chloroaniline
Concen: 0.39 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 5606

Ion	Ratio	Lower	Upper
127	100		
129	294.9	26.3	39.5#
65	83.6	28.6	43.0#
92	38.7	17.8	26.8#

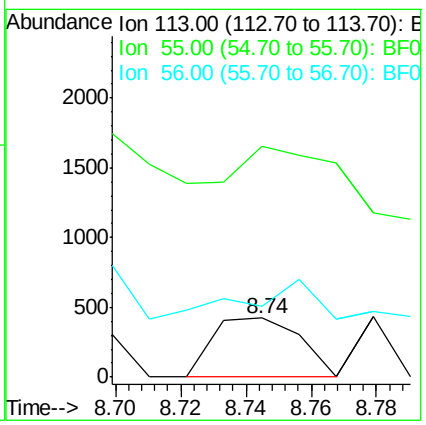


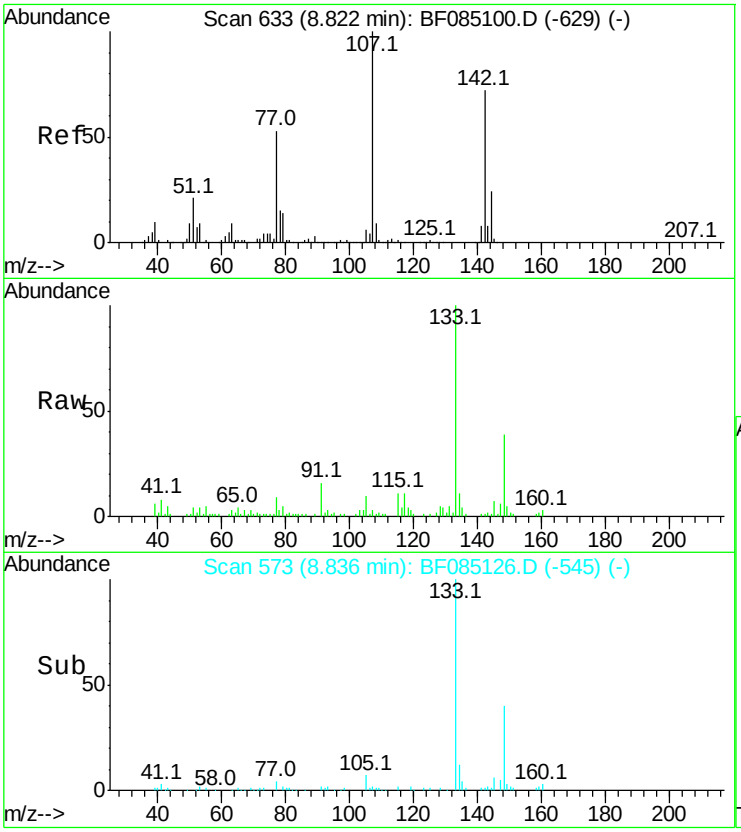


#35
Caprolactam
Concen: 0.25 ng
RT: 8.74 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:113 Resp: 779

Ion	Ratio	Lower	Upper
113	100		
55	389.6	162.9	202.9#
56	120.5	114.5	154.5



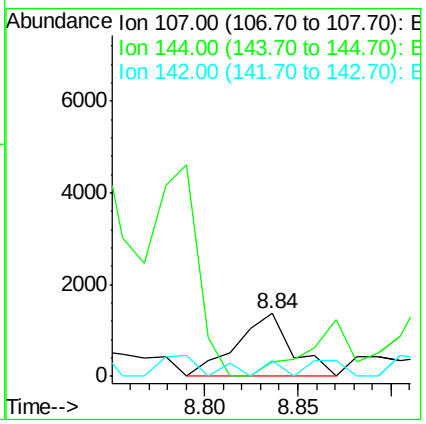


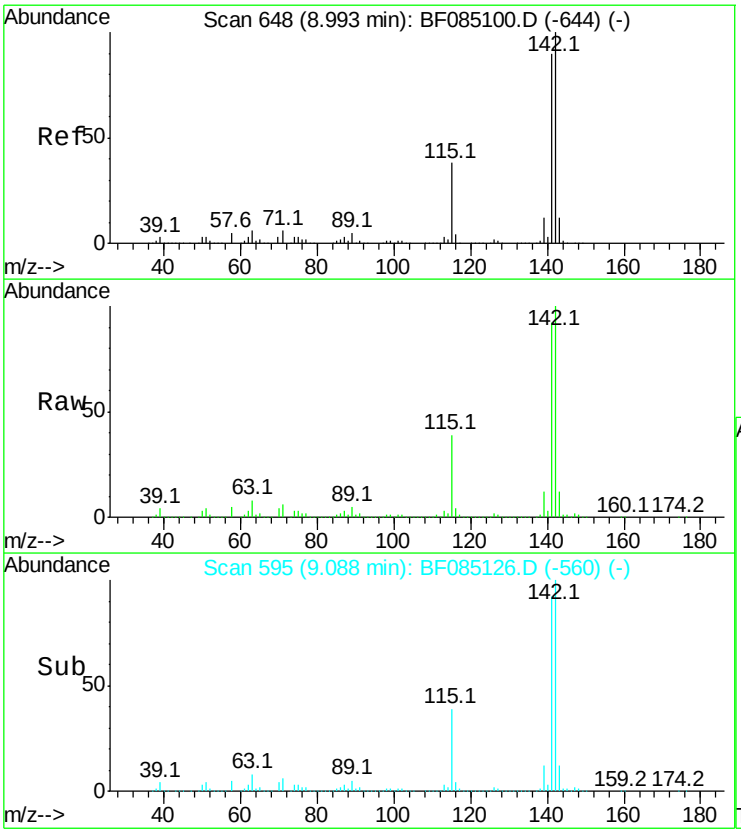
#36
4-Chloro-3-methylphenol
Concen: 0.25 ng
RT: 8.84 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 2835

Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.9	28.3
142	24.5	57.9	86.9#

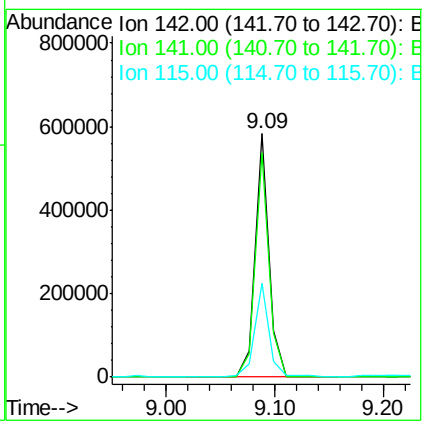


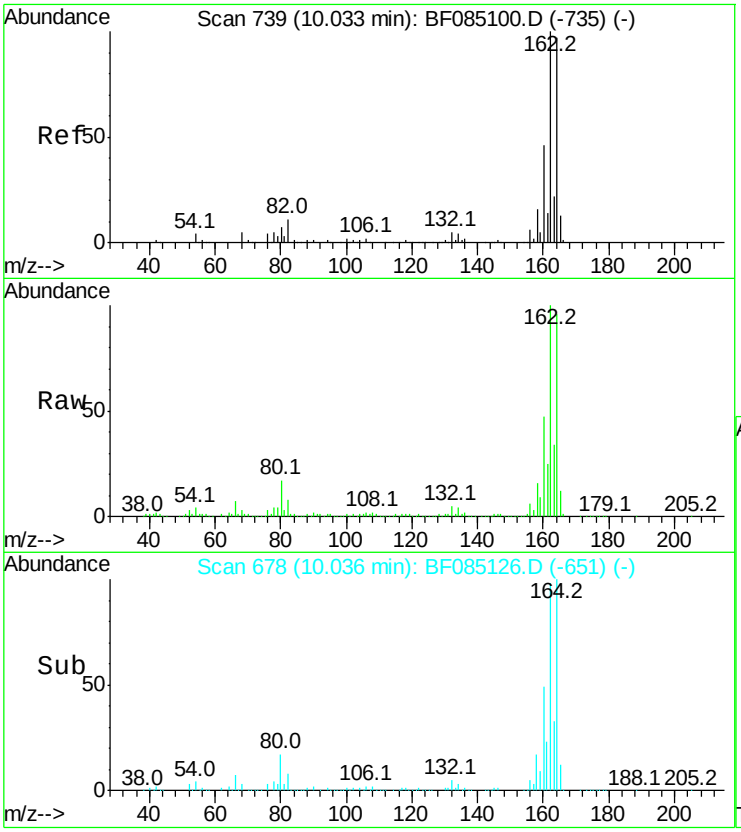


#37
2-Methylnaphthalene
Concen: 23.35 ng
RT: 9.09 min Scan# 595
Delta R.T. 0.09 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:142 Resp: 522290

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.7	107.5
115	38.6	30.1	45.1



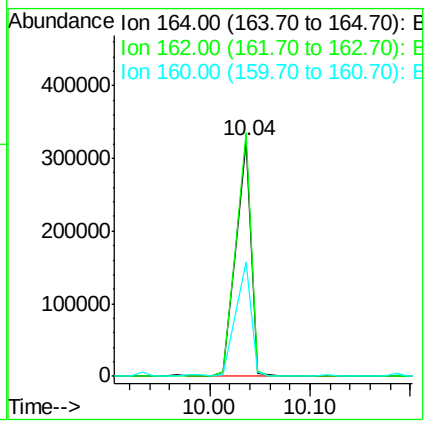


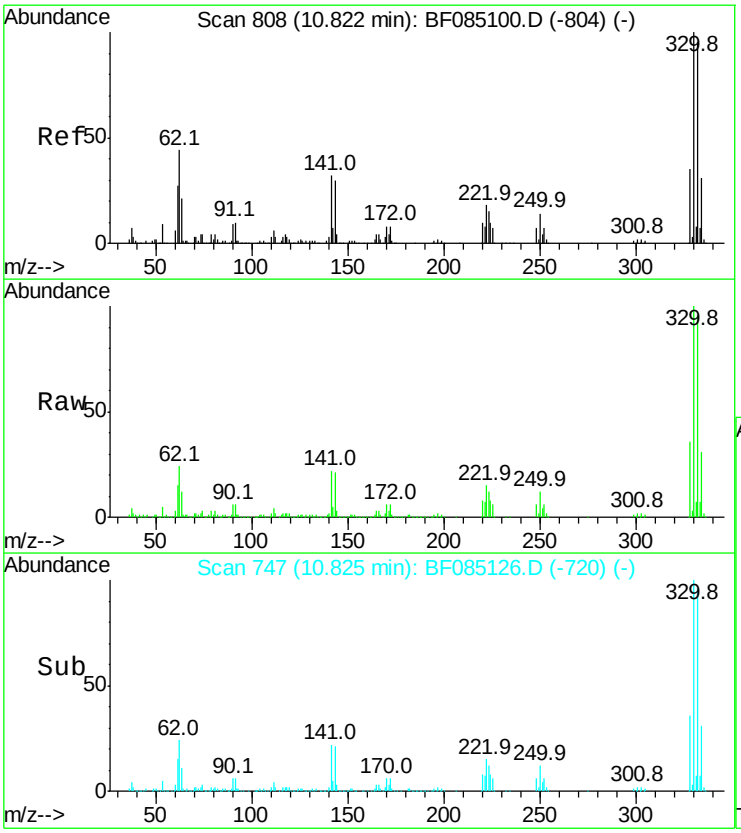
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 342450

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	48.6	38.2	57.2

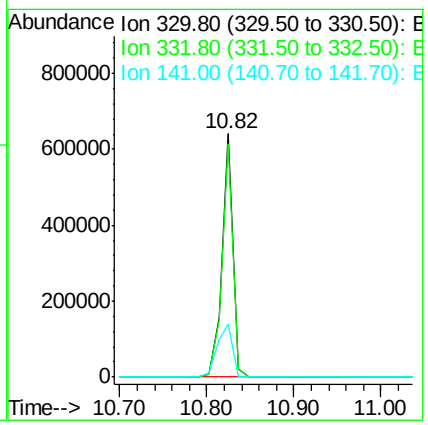


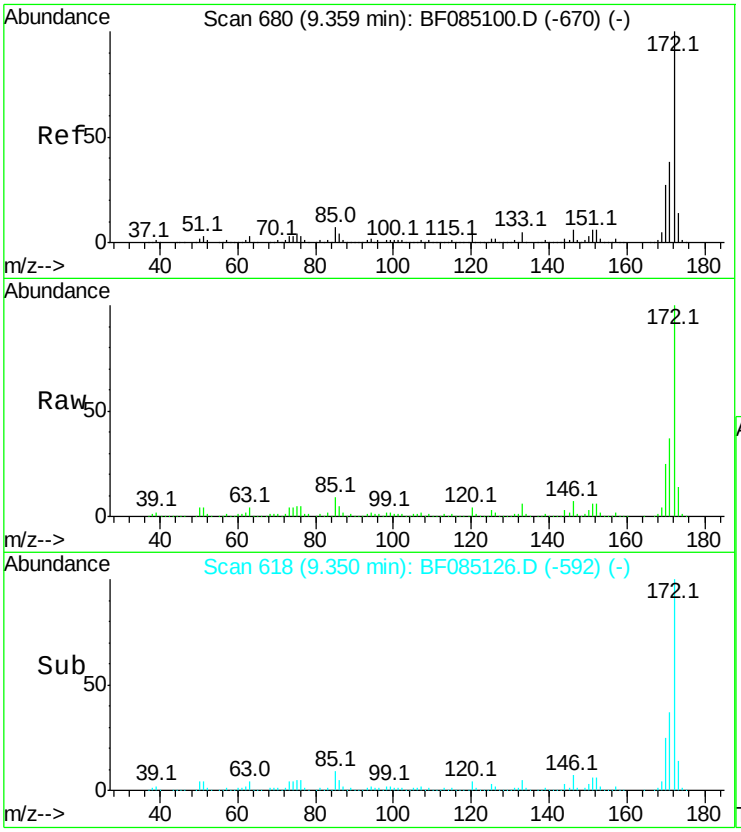


#41
2,4,6-Tribromophenol
Concen: 165.85 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:330 Resp: 570769

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	30.0	28.9	43.3



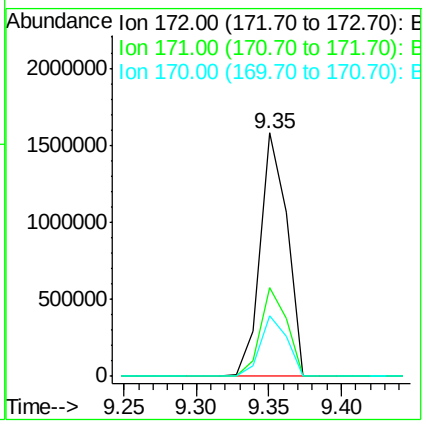


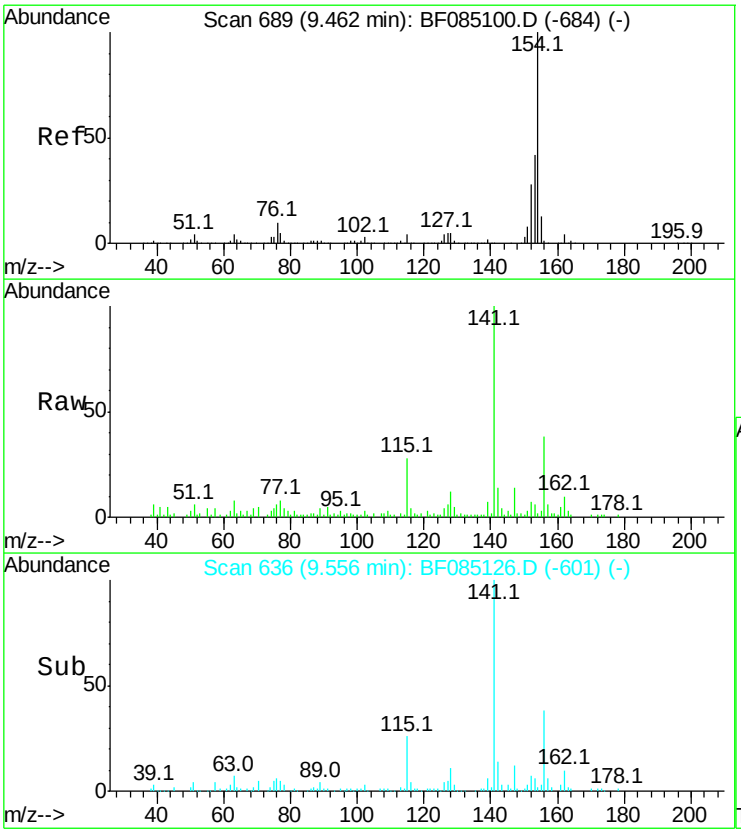
#44
2-Fluorobiphenyl
Concen: 86.93 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2021392

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.9	21.2	31.8

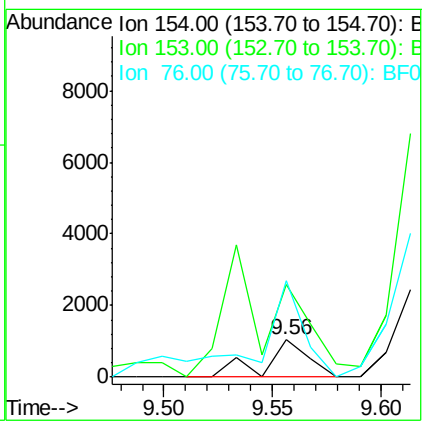


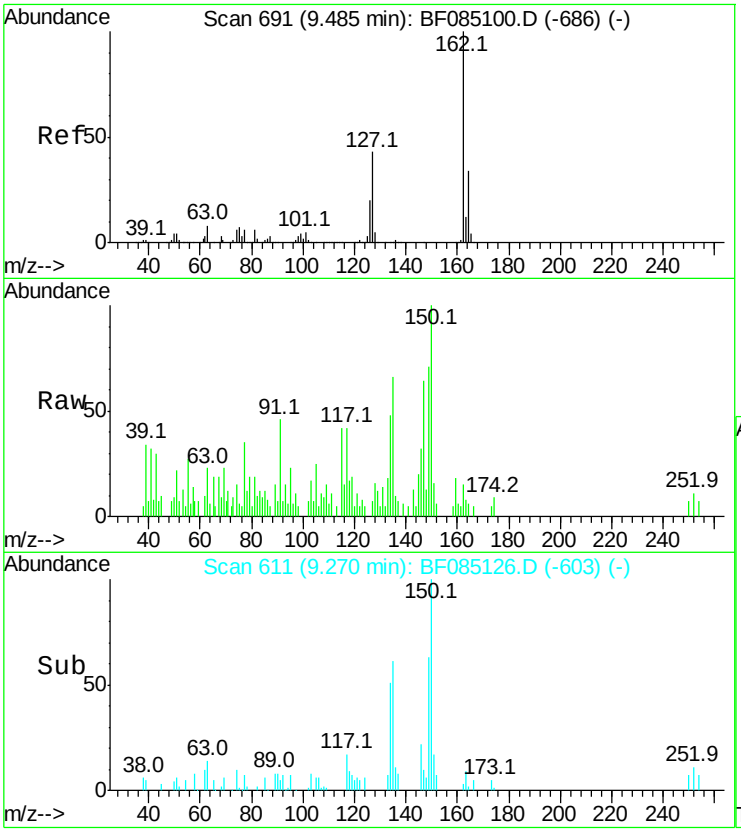


#45
1,1'-Biphenyl
Concen: 0.05 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.09 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:154 Resp: 1448

Ion	Ratio	Lower	Upper
154	100		
153	246.7	21.5	61.5#
76	256.0	0.0	29.7#



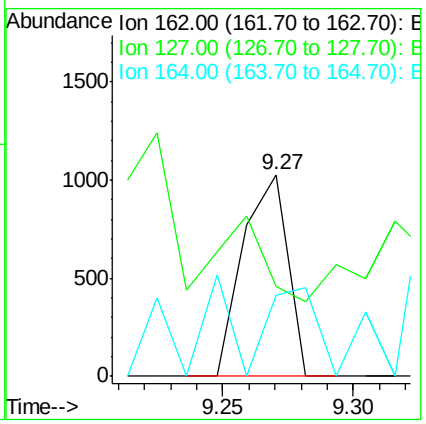


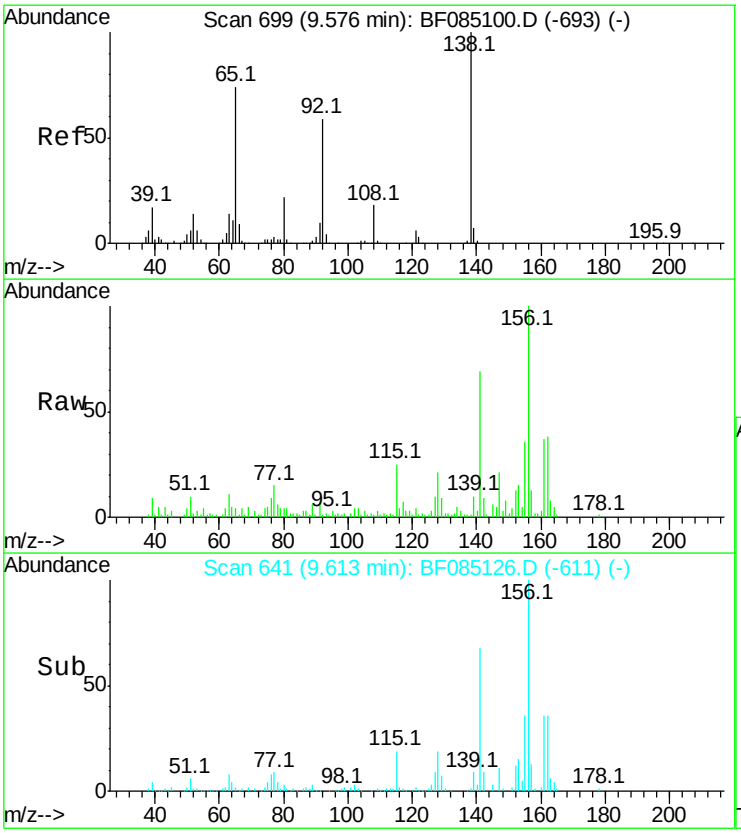
#46
2-Chloronaphthalene
Concen: 0.06 ng
RT: 9.27 min Scan# 611
Delta R.T. -0.21 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 1232

Ion	Ratio	Lower	Upper
162	100		
127	44.7	34.2	51.4
164	40.3	27.2	40.8

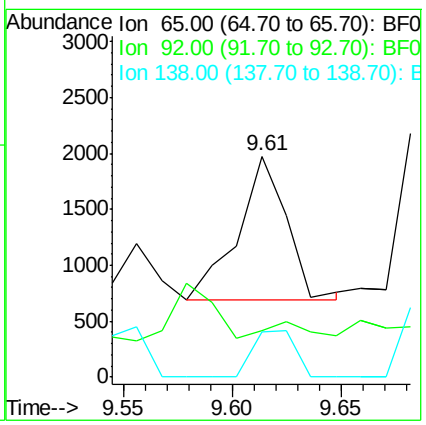


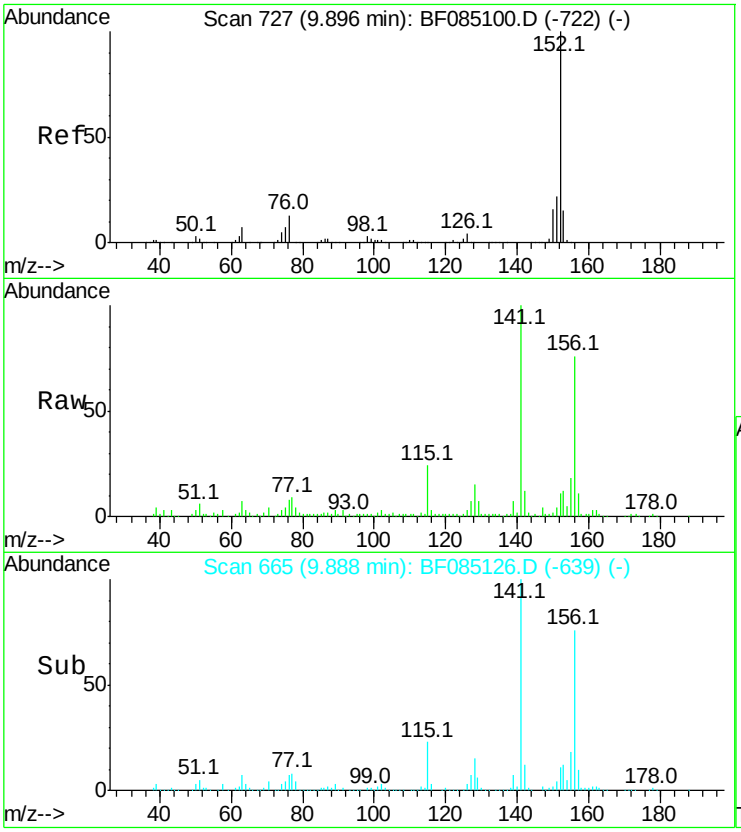


#47
2-Nitroaniline
Concen: 0.29 ng
RT: 9.61 min Scan# 641
Delta R.T. 0.04 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 65 Resp: 2000

Ion	Ratio	Lower	Upper
65	100		
92	21.1	63.8	95.6#
138	20.5	108.5	162.7#



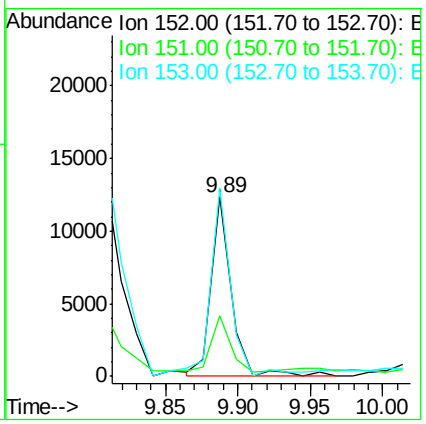


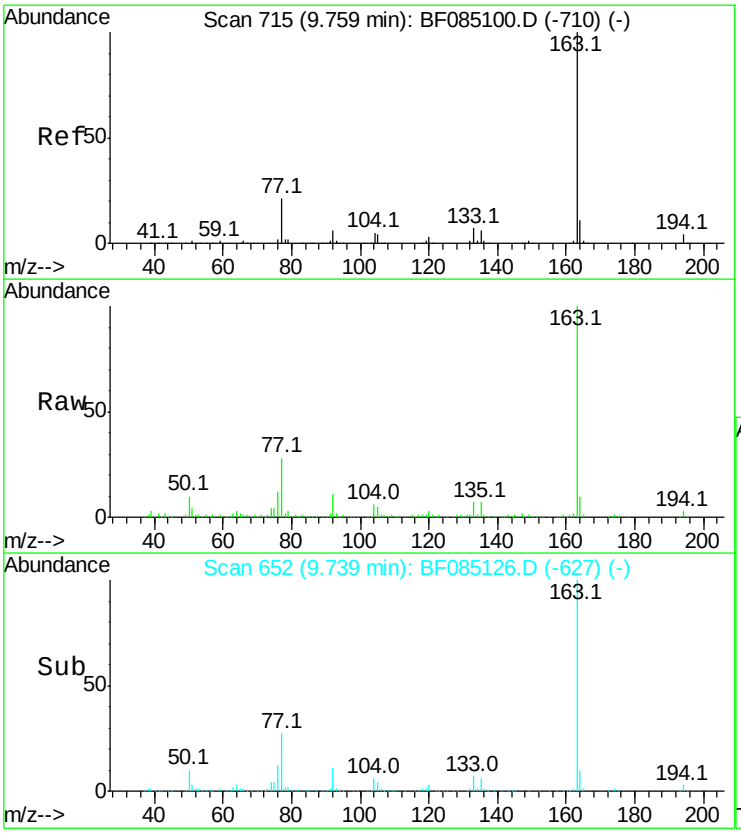
#48
Acenaphthylene
Concen: 0.37 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 12029

Ion	Ratio	Lower	Upper
152	100		
151	34.0	17.4	26.0#
153	105.0	12.0	18.0#

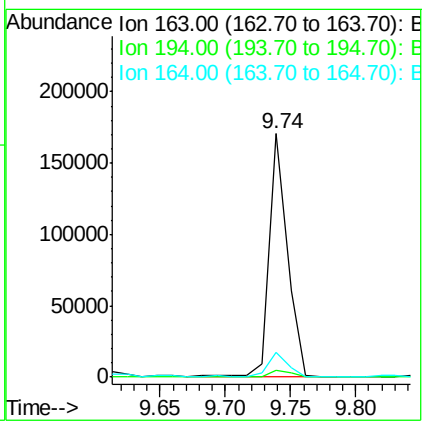


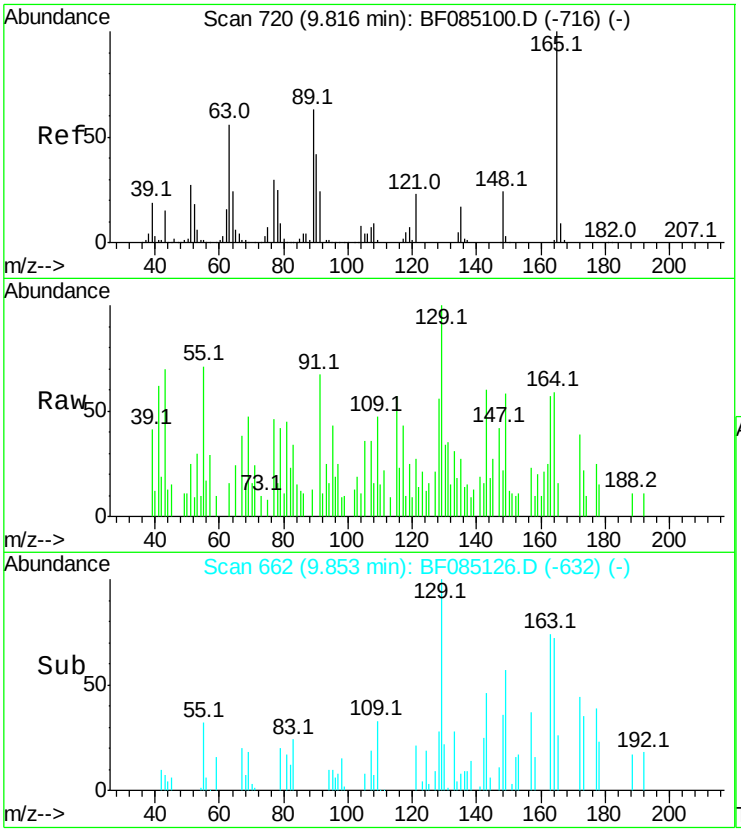


#49
Dimethylphthalate
Concen: 6.56 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:163 Resp: 166647

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.9	4.3#
164	10.2	8.6	12.8



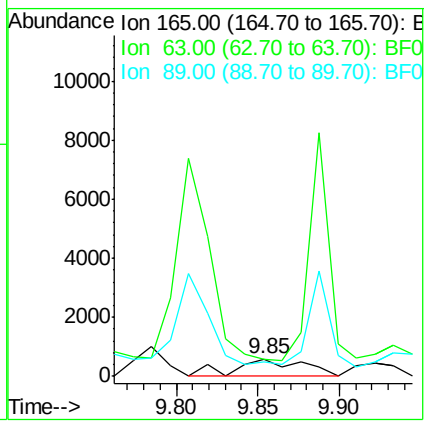


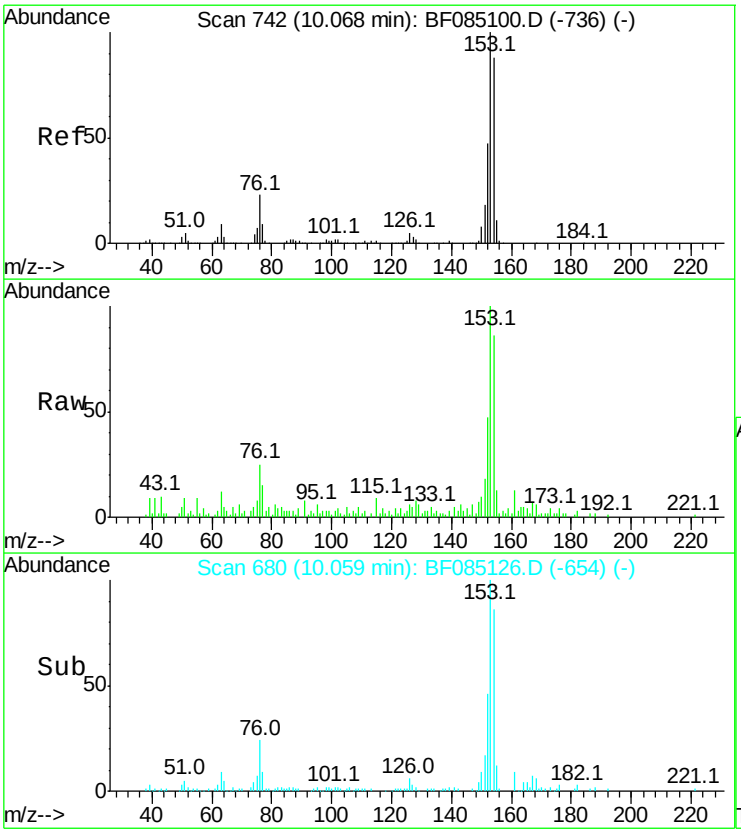
#50
2,6-Dinitrotoluene
Concen: 0.33 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.04 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1720

Ion	Ratio	Lower	Upper
165	100		
63	99.0	47.4	71.2#
89	79.7	50.2	75.2#

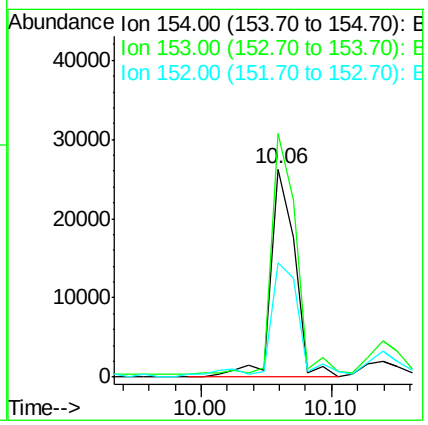


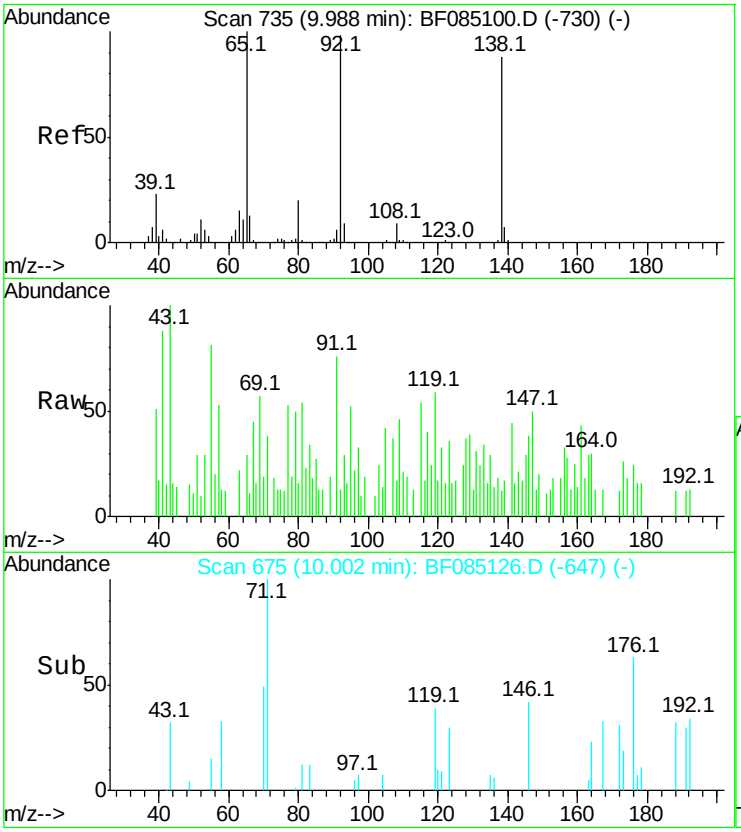


#51
Acenaphthene
Concen: 1.64 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:154 Resp: 33835

Ion	Ratio	Lower	Upper
154	100		
153	116.9	91.0	136.6
152	55.2	43.0	64.6



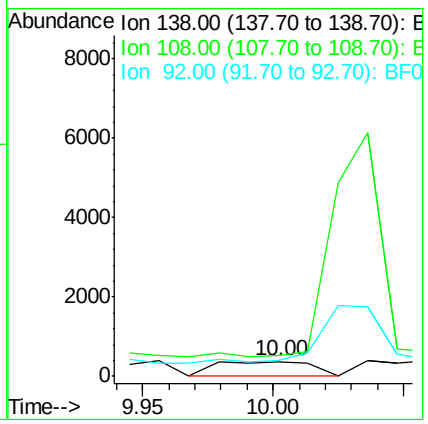


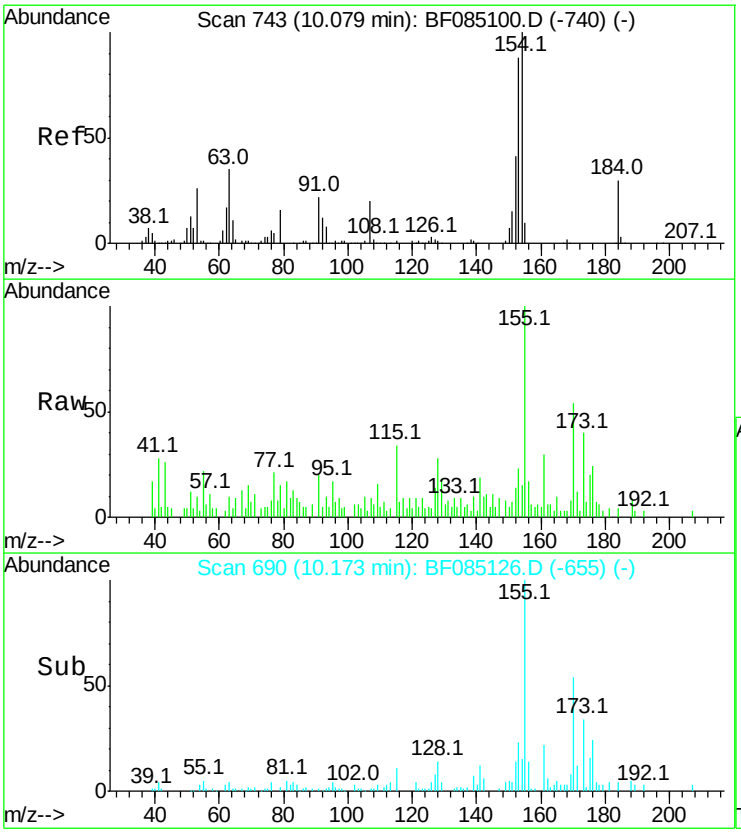
#52
3-Nitroaniline
Concen: 0.16 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 972

Ion	Ratio	Lower	Upper
138	100		
108	136.7	8.2	12.2#
92	105.8	89.0	133.6

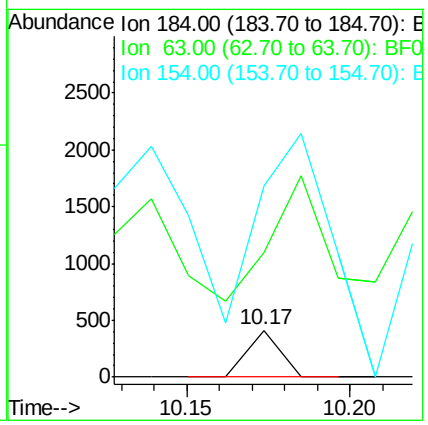


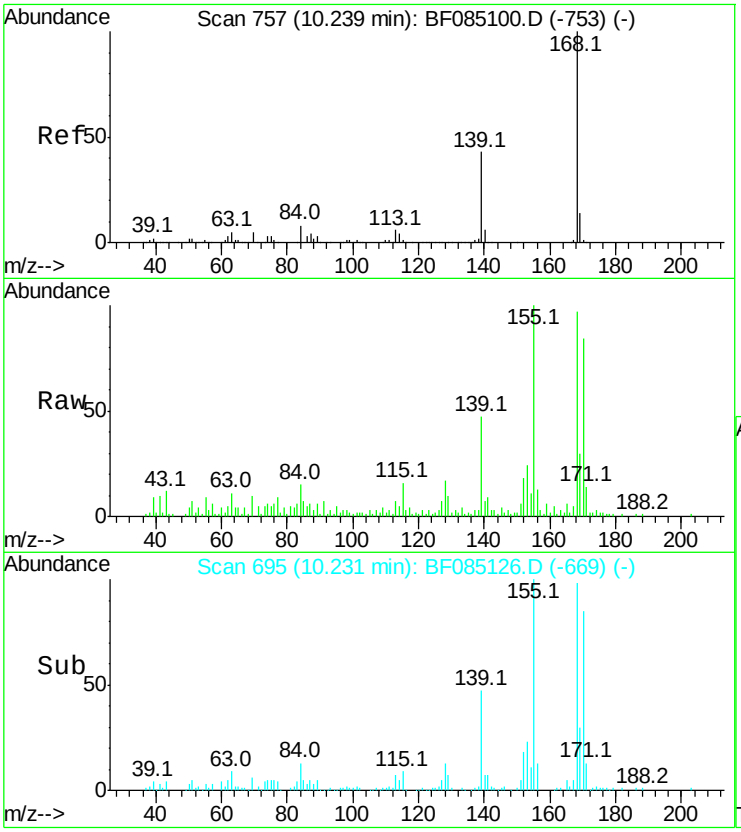


#53
2,4-Dinitrophenol
Concen: 8.51 ng
RT: 10.17 min Scan# 690
Delta R.T. 0.09 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:184 Resp: 285

Ion	Ratio	Lower	Upper
184	100		
63	265.3	94.0	141.0#
154	405.1	269.8	404.8#



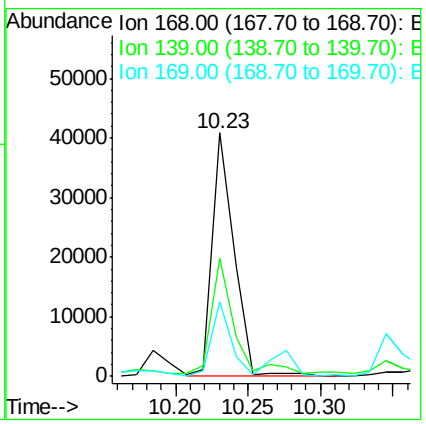


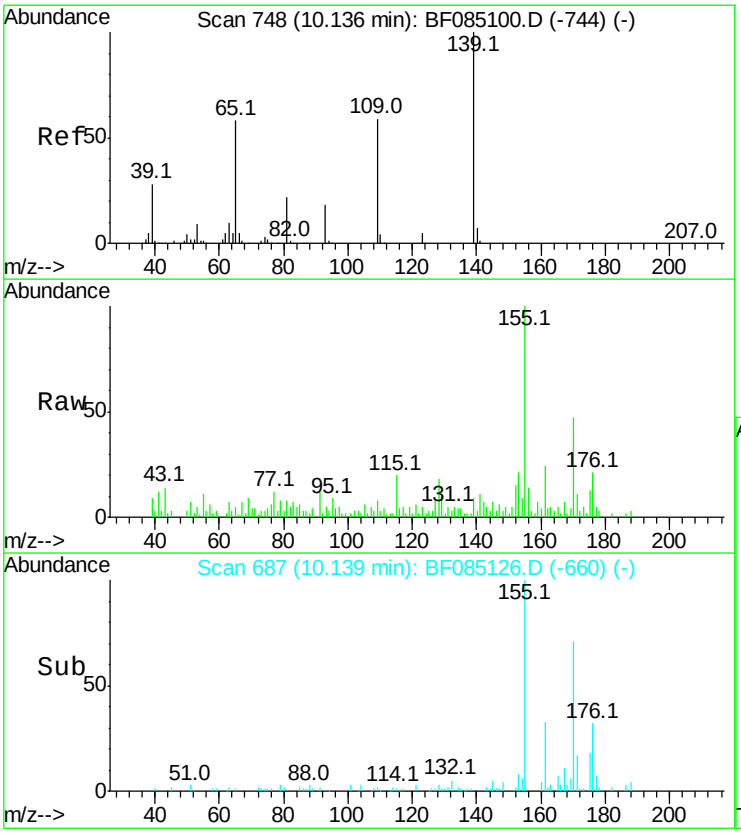
#54
Dibenzofuran
Concen: 1.58 ng
RT: 10.23 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 42487

Ion	Ratio	Lower	Upper
168	100		
139	48.7	34.2	51.2
169	30.4	11.4	17.2#

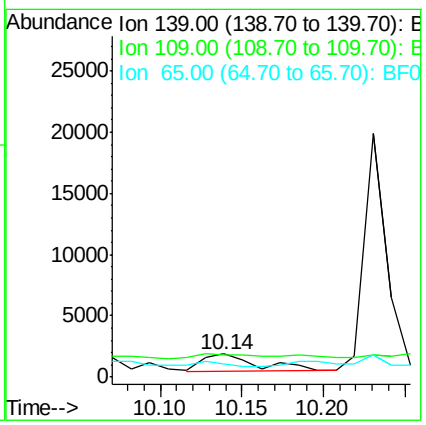


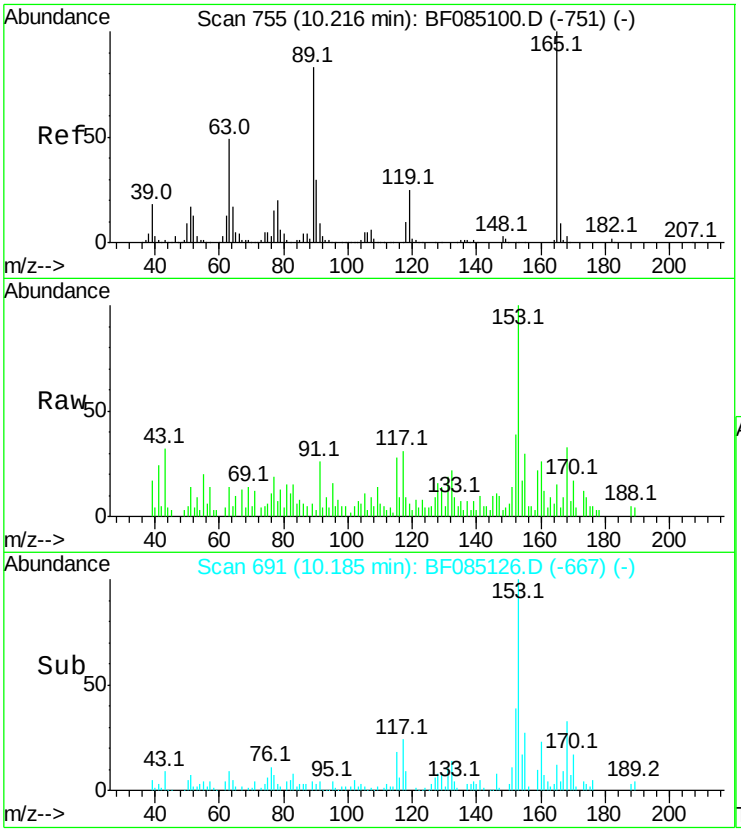


#55
4-Nitrophenol
Concen: 0.69 ng
RT: 10.14 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:139 Resp: 3289

Ion	Ratio	Lower	Upper
139	100		
109	94.6	39.5	79.5#
65	58.5	38.4	78.4



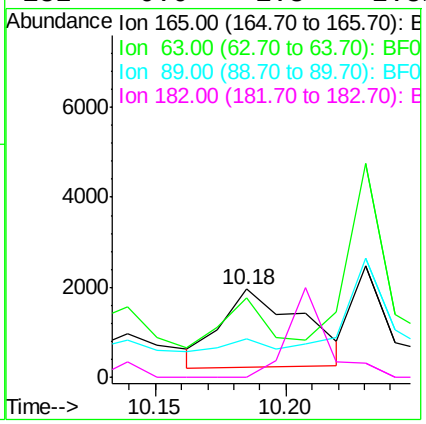


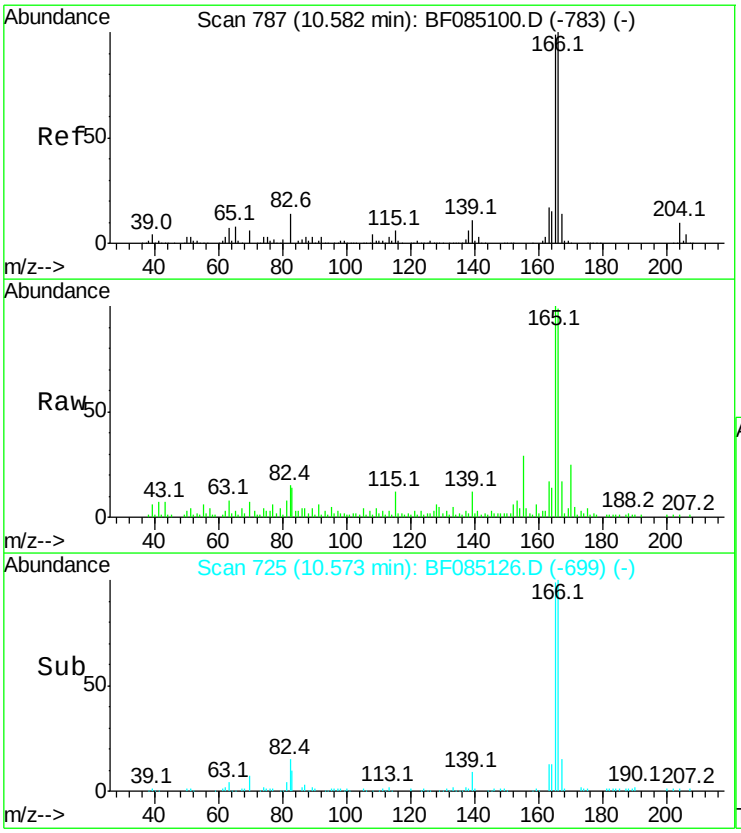
#56
2,4-Dinitrotoluene
Concen: 0.53 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 3792

Ion	Ratio	Lower	Upper
165	100		
63	90.1	39.2	58.8#
89	42.9	66.2	99.4#
182	0.0	1.8	2.8#

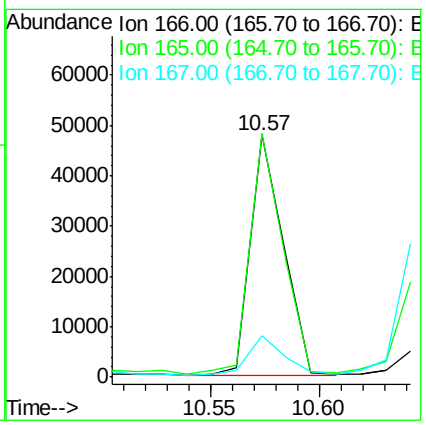


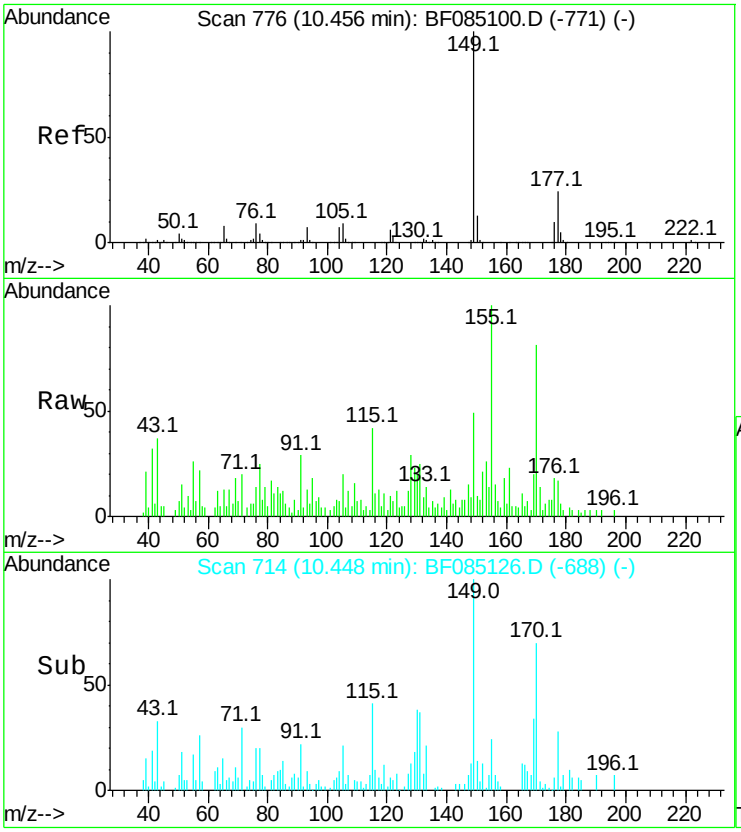


#57
Fluorene
Concen: 2.38 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:166 Resp: 50291

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.4	119.2
167	17.0	11.2	16.8#



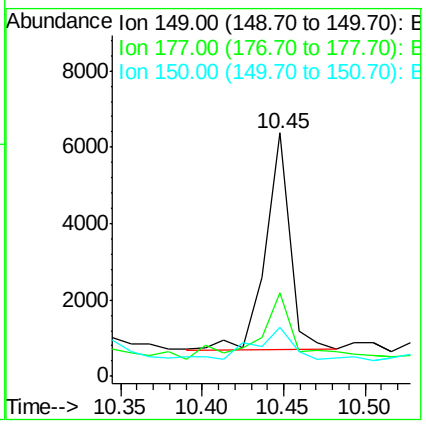


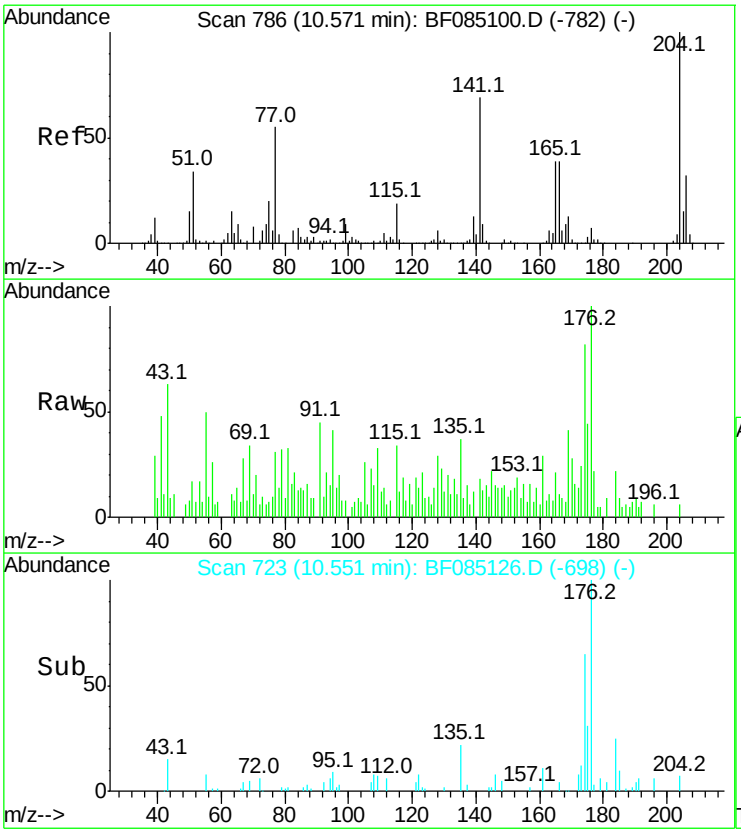
#59
Diethylphthalate
Concen: 0.24 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5915

Ion	Ratio	Lower	Upper
149	100		
177	34.2	19.4	29.2#
150	20.0	10.1	15.1#

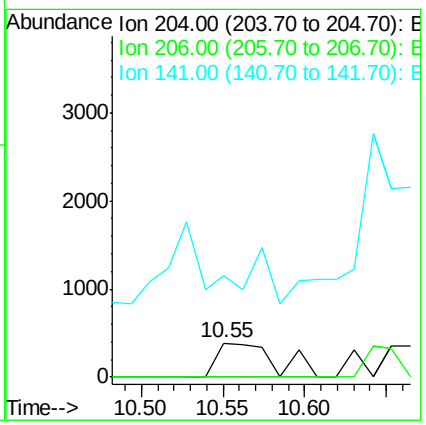


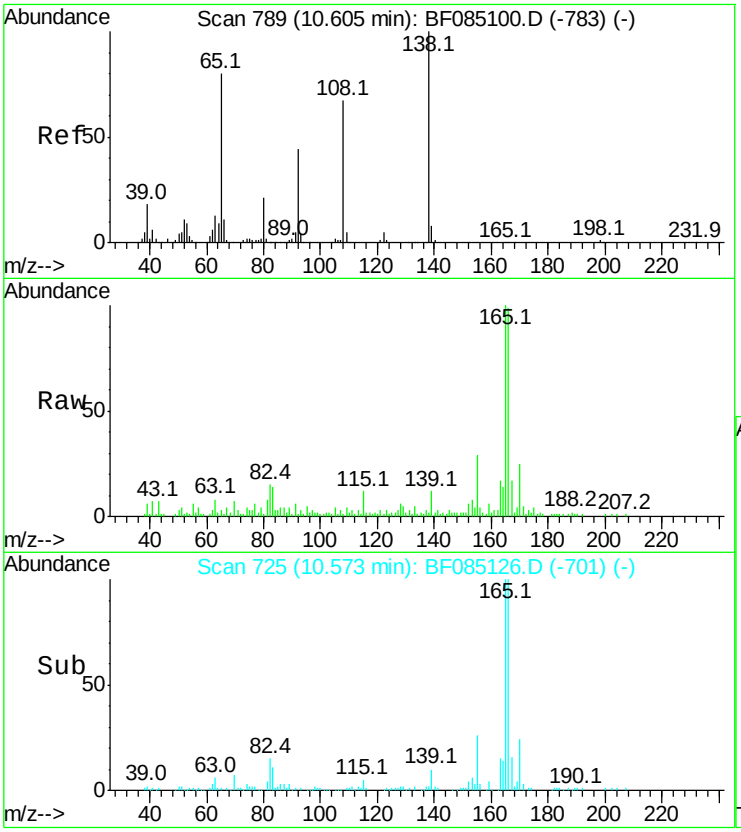


#60
4-Chlorophenyl-phenylether
Concen: 0.09 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:204 Resp: 965

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	298.7	55.3	82.9#

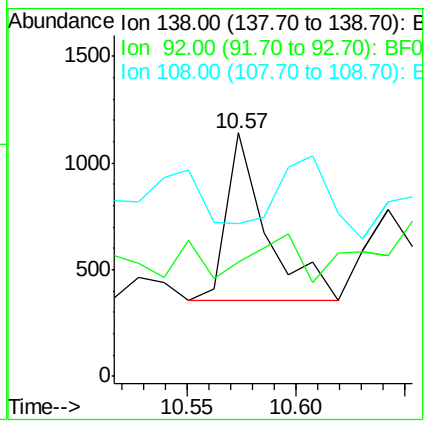




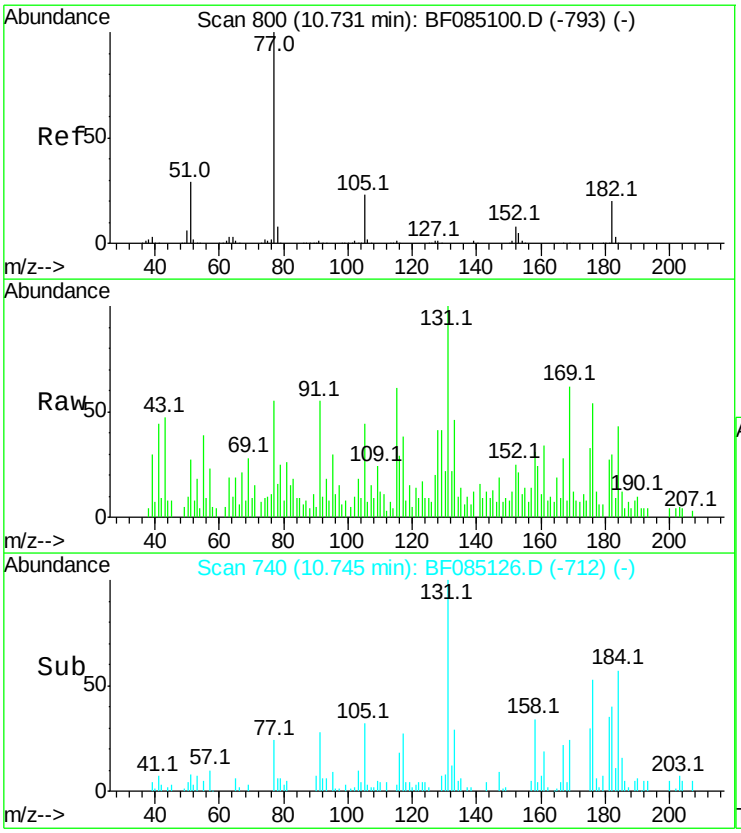
#61
4-Nitroaniline
Concen: 0.17 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:138 Resp: 1007

Ion	Ratio	Lower	Upper
138	100		
92	46.8	23.5	63.5
108	62.9	46.8	86.8



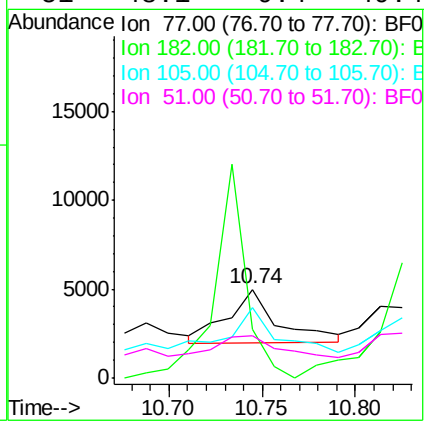
Instrument :
BNA_F
ClientSampleId :

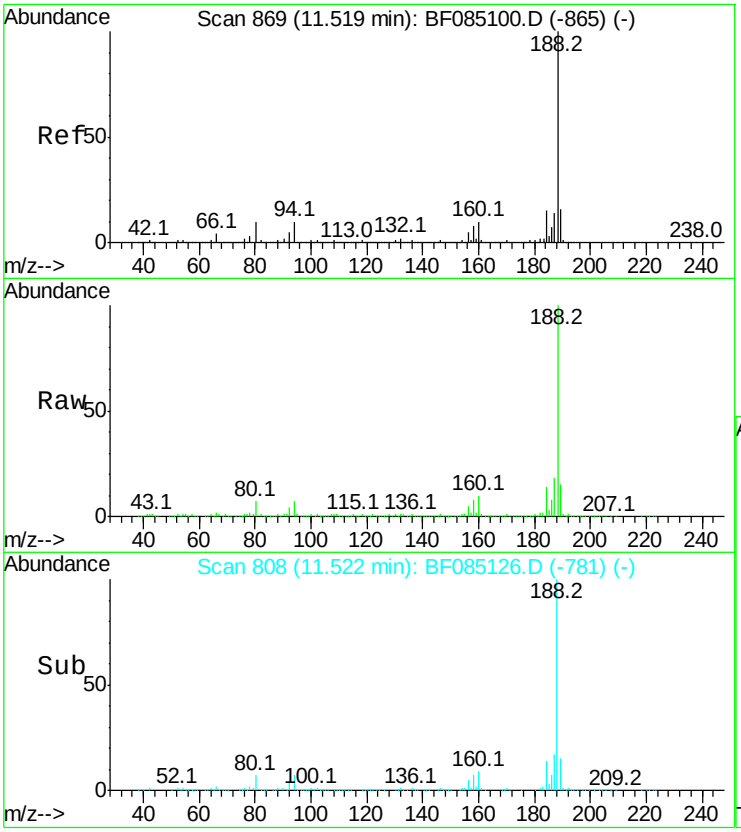


#62
Azobenzene
Concen: 0.24 ng
RT: 10.74 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion: 77 Resp: 5924

Ion	Ratio	Lower	Upper
77	100		
182	54.8	0.0	39.8#
105	79.2	2.7	42.7#
51	48.1	9.4	49.4



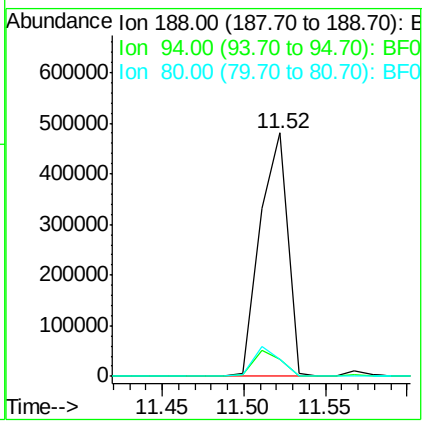


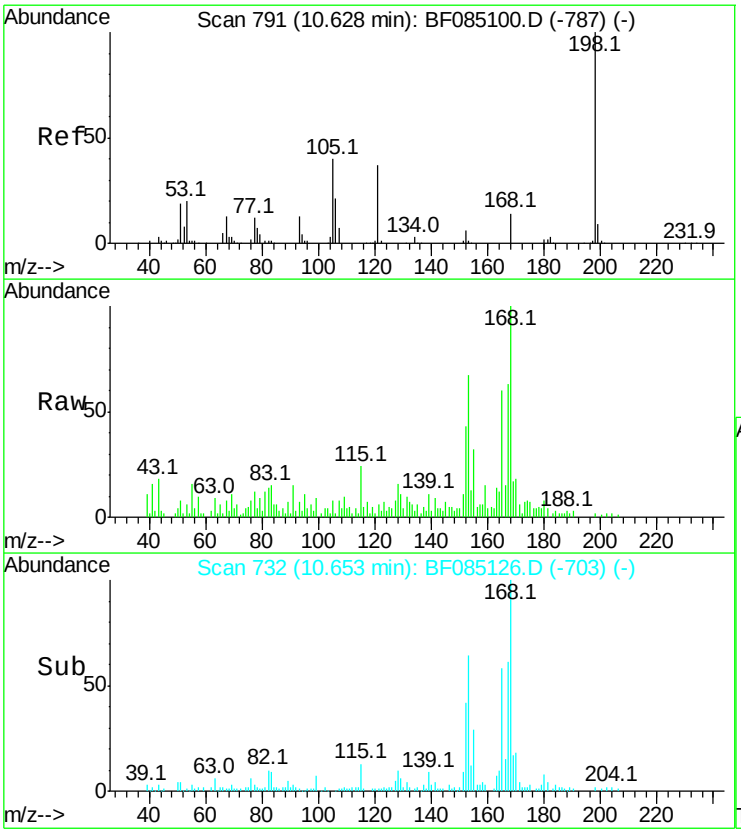
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 565553

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.8	11.6#
80	7.0	8.2	12.4#

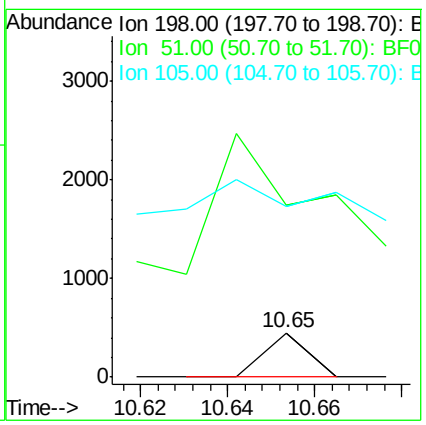


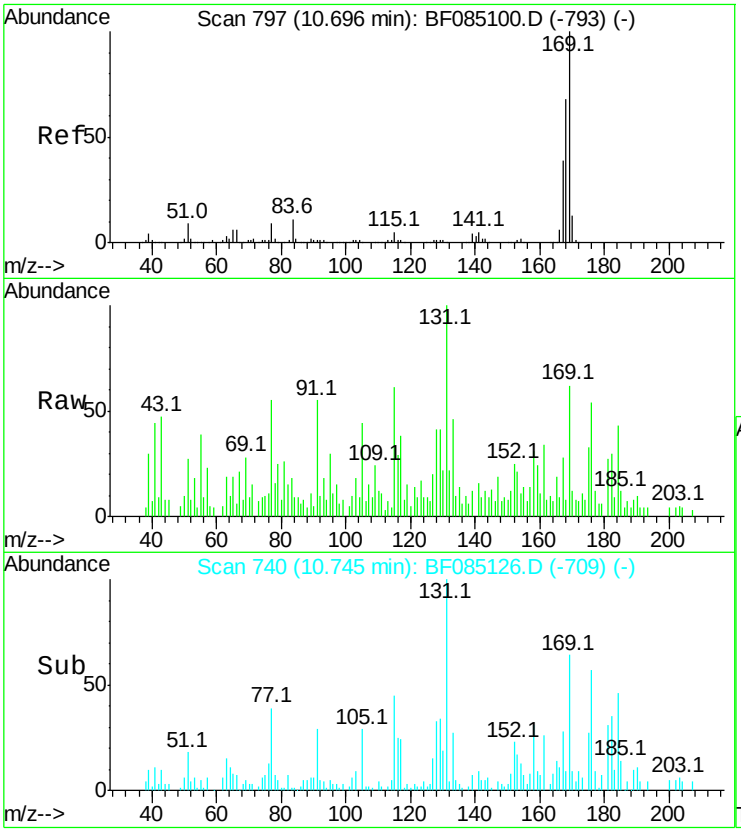


#64
4,6-Dinitro-2-methylphenol
Concen: 7.28 ng
RT: 10.65 min Scan# 732
Delta R.T. 0.03 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:198 Resp: 309

Ion	Ratio	Lower	Upper
198	100		
51	387.6	12.5	52.5#
105	384.7	20.2	60.2#



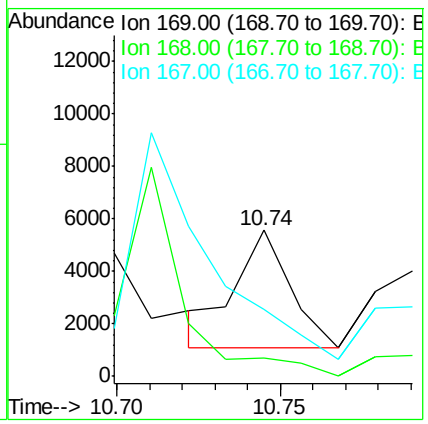


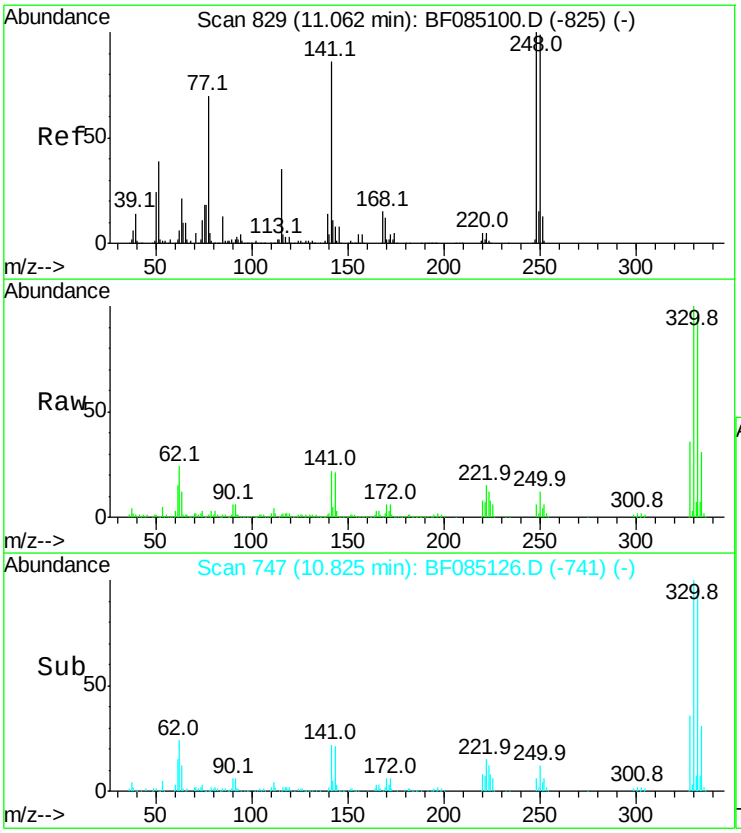
#65
n-Nitrosodiphenylamine
Concen: 0.29 ng
RT: 10.74 min Scan# 740
Delta R.T. 0.05 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 5192

Ion	Ratio	Lower	Upper
169	100		
168	12.3	54.6	81.8#
167	45.5	30.8	46.2

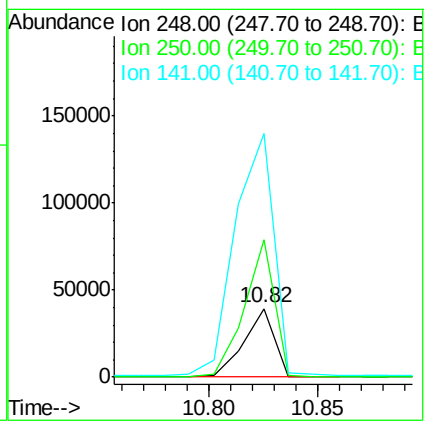


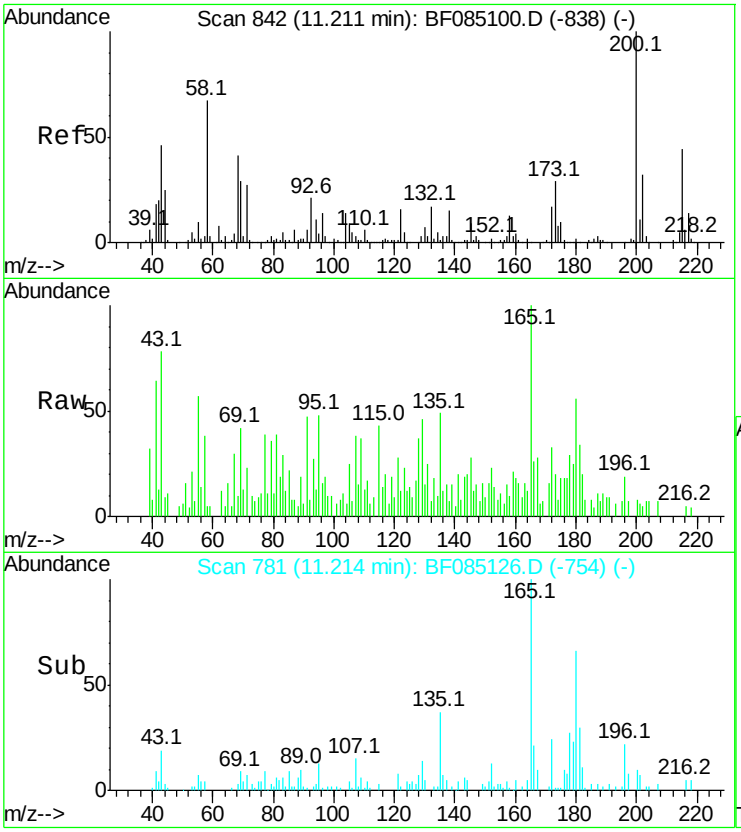


#66
4-Bromophenyl-phenylether
Concen: 6.43 ng
RT: 10.82 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:248 Resp: 38154

Ion	Ratio	Lower	Upper
248	100		
250	201.2	79.0	118.4#
141	356.4	68.6	103.0#



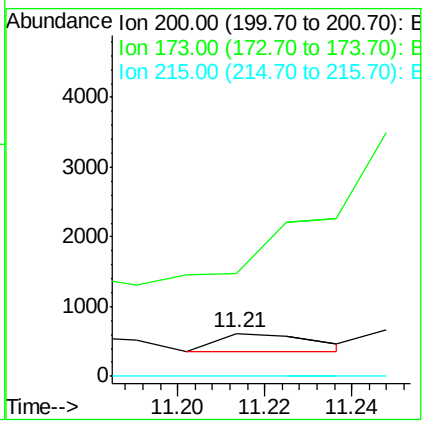


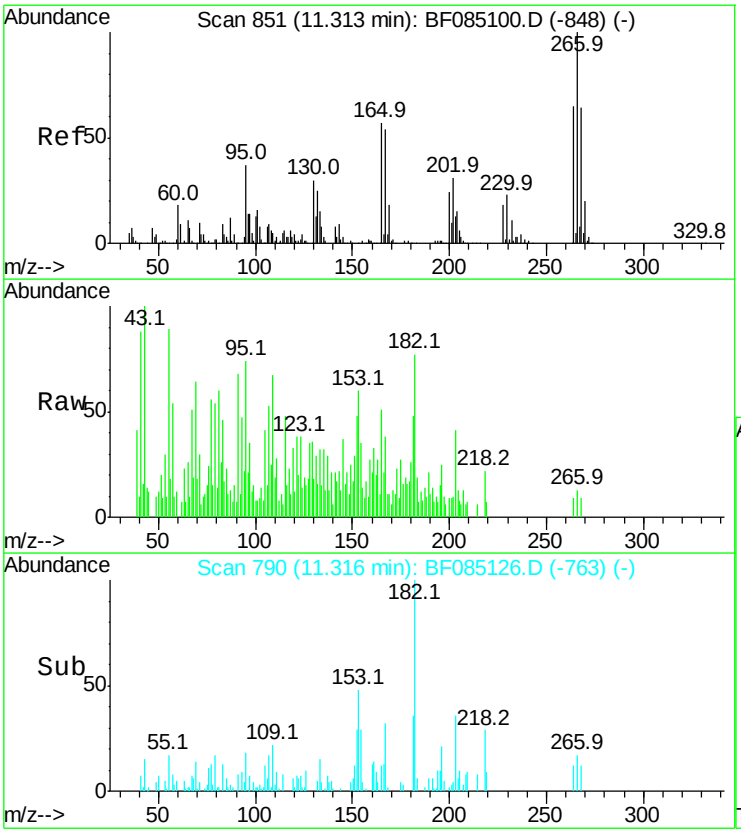
#68
Atrazine
Concen: 0.08 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 422

Ion	Ratio	Lower	Upper
200	100		
173	239.1	9.4	49.4#
215	0.0	23.6	63.6#

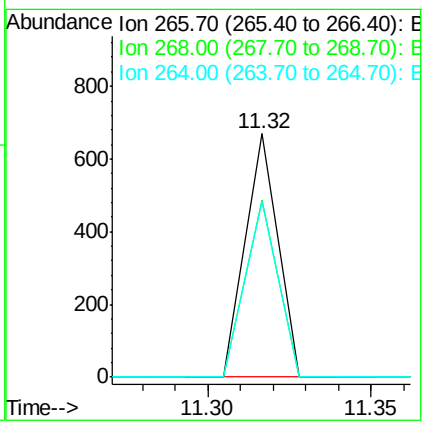


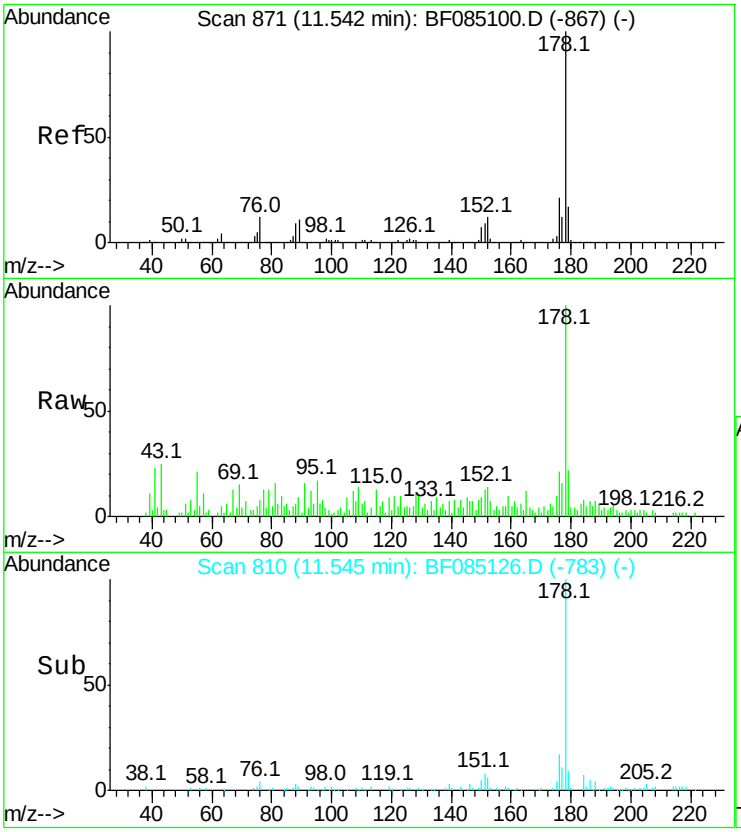


#69
Pentachlorophenol
Concen: 0.12 ng
RT: 11.32 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:266 Resp: 460

Ion	Ratio	Lower	Upper
266	100		
268	72.8	51.0	76.6
264	72.4	52.3	78.5



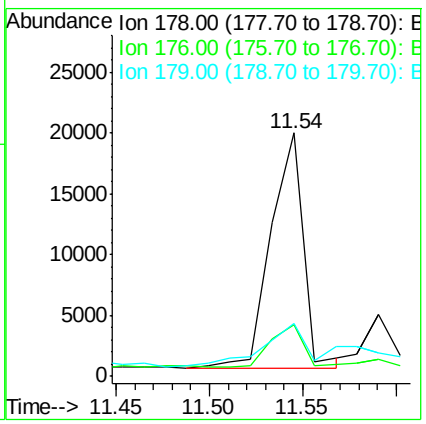


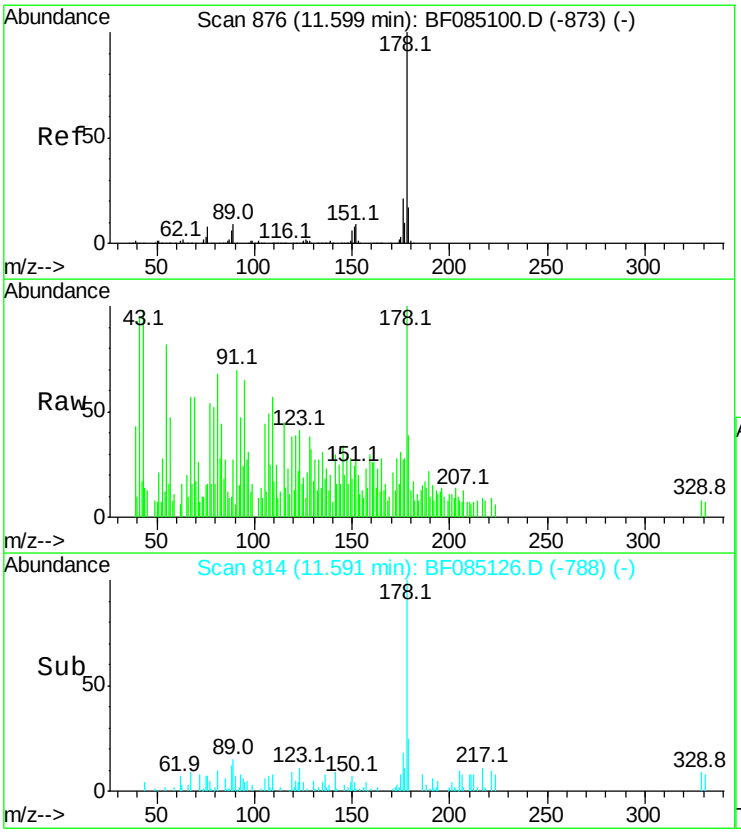
#70
Phenanthrene
Concen: 0.84 ng
RT: 11.54 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 23491

Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.6
179	21.5	13.3	19.9#

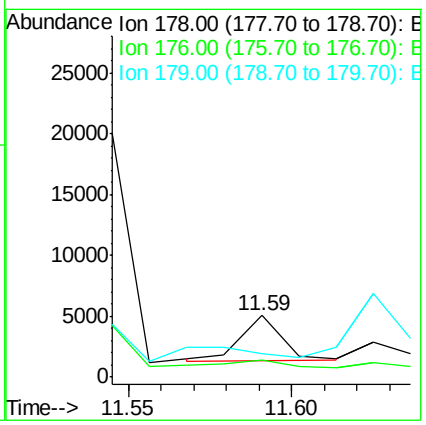


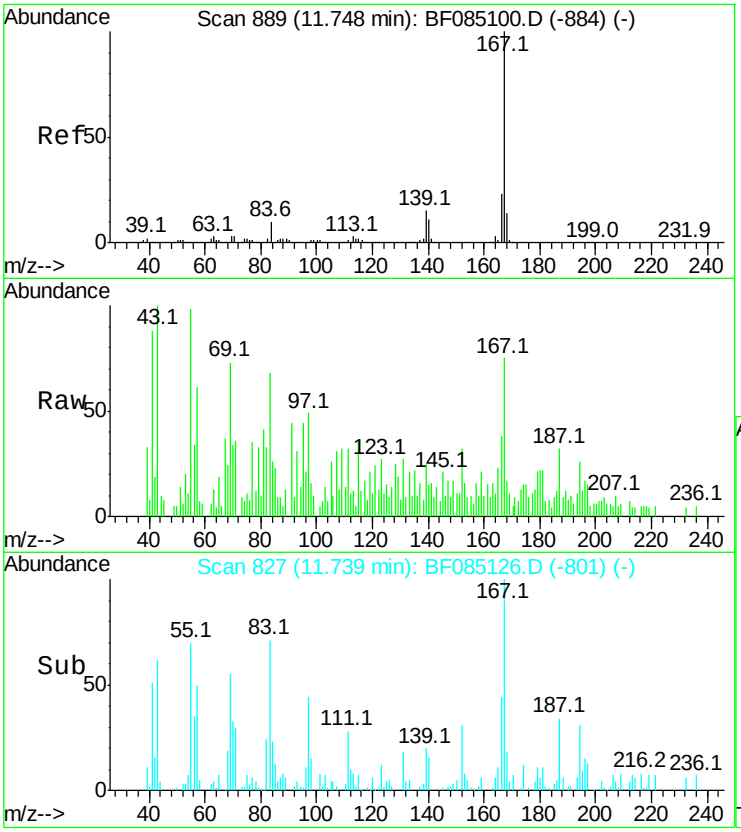


#71
Anthracene
Concen: 0.10 ng
RT: 11.59 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:178 Resp: 3157

Ion	Ratio	Lower	Upper
178	100		
176	27.3	16.6	25.0#
179	38.8	13.2	19.8#



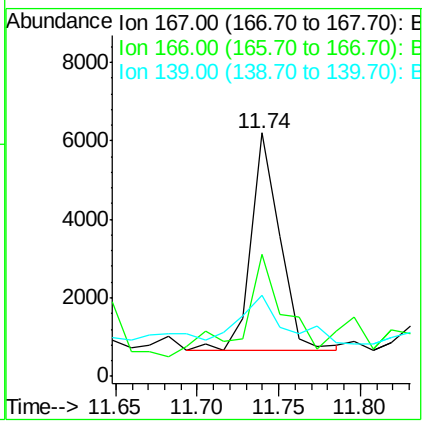


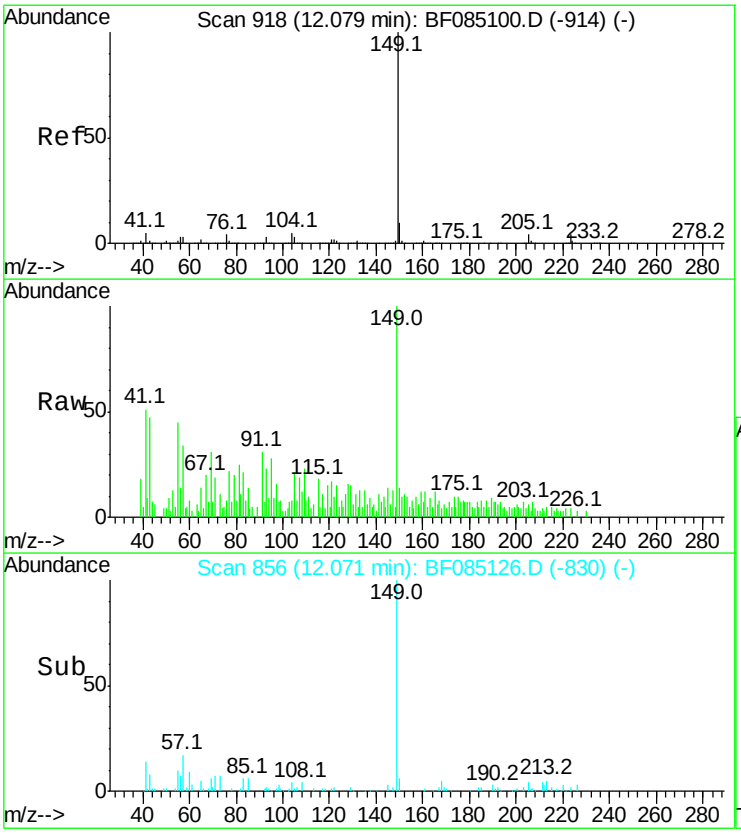
#72
Carbazole
Concen: 0.25 ng
RT: 11.74 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 6898

Ion	Ratio	Lower	Upper
167	100		
166	50.2	18.6	28.0#
139	33.2	11.8	17.8#

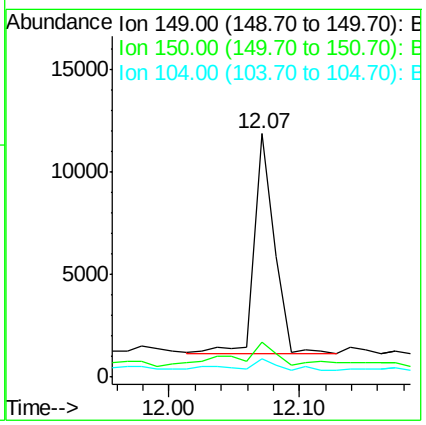


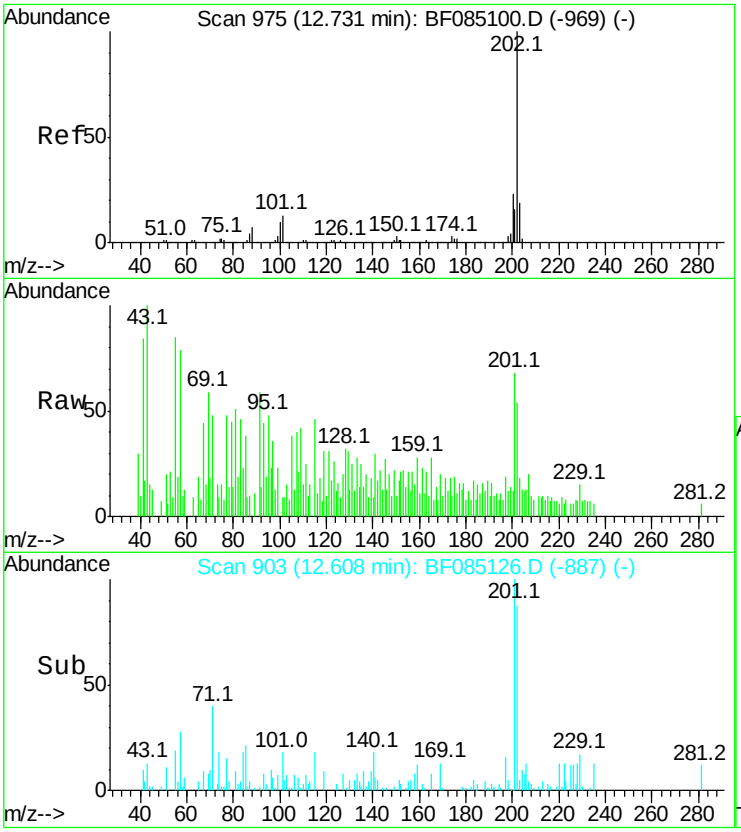


#73
Di-n-butylphthalate
Concen: 0.35 ng
RT: 12.07 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:149 Resp: 11502

Ion	Ratio	Lower	Upper
149	100		
150	14.2	7.7	11.5#
104	7.7	3.7	5.5#



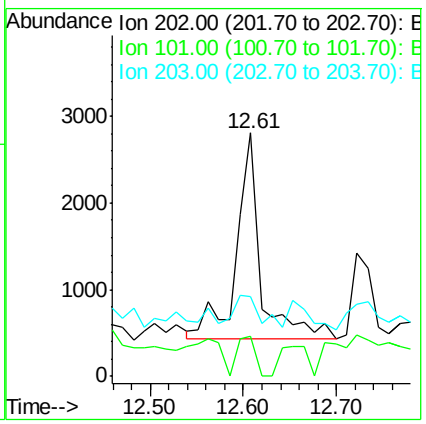


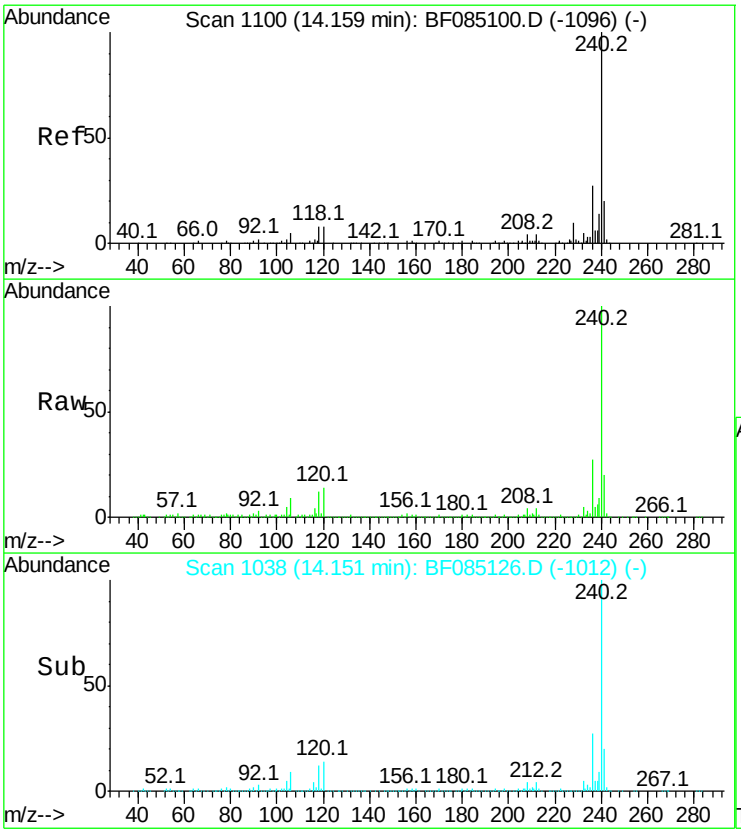
#74
Fluoranthene
Concen: 0.14 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.12 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 4305

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	33.2
203	33.0	0.0	38.6

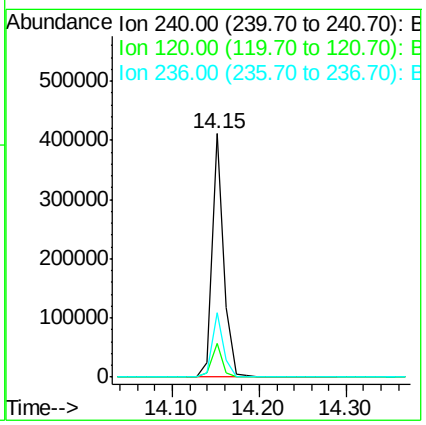


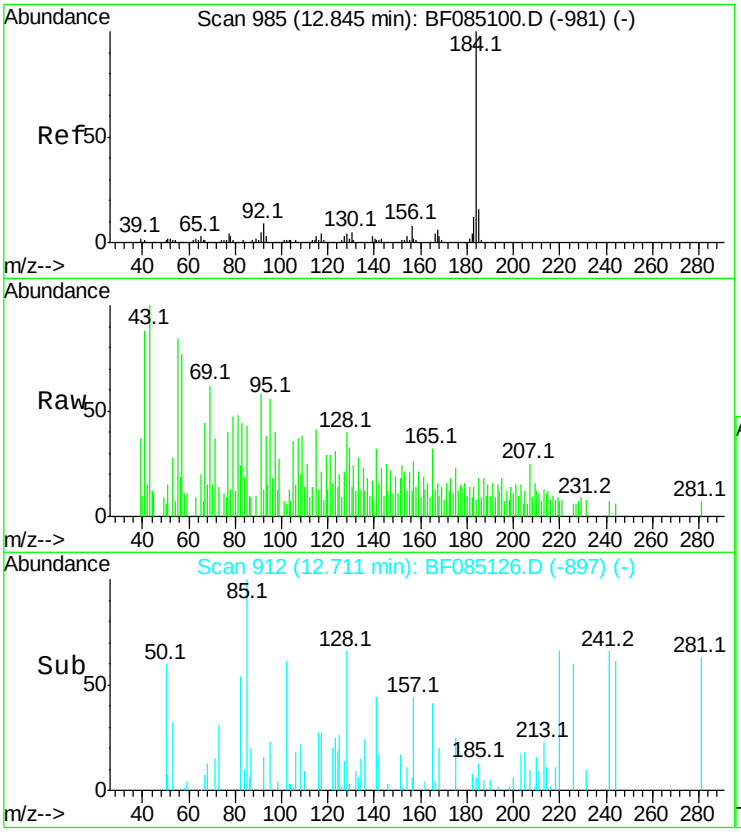


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:240 Resp: 386184

Ion	Ratio	Lower	Upper
240	100		
120	13.7	6.7	10.1#
236	26.6	21.6	32.4



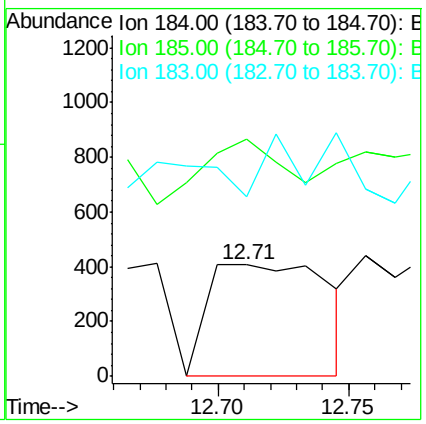


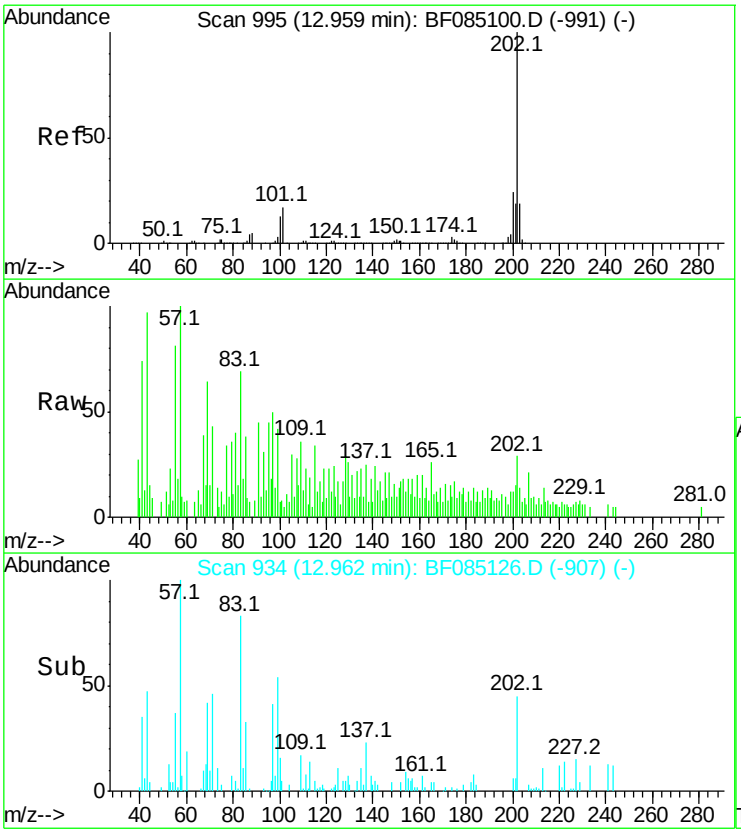
#76
Benzidine
Concen: 0.11 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.13 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1317

Ion	Ratio	Lower	Upper
184	100		
185	212.5	12.6	18.8#
183	160.7	9.5	14.3#

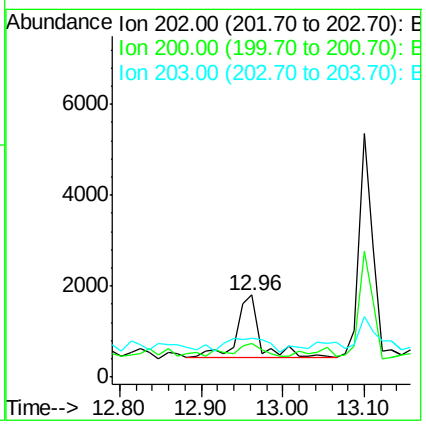


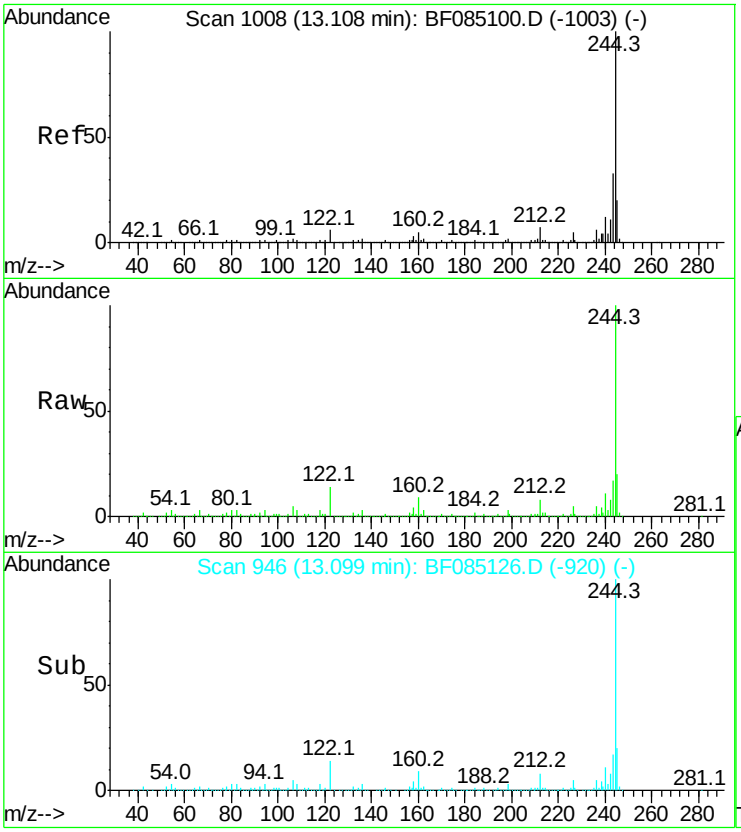


#77
Pyrene
Concen: 0.10 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:202 Resp: 2658

Ion	Ratio	Lower	Upper
202	100		
200	41.4	19.0	28.6#
203	46.6	15.0	22.6#



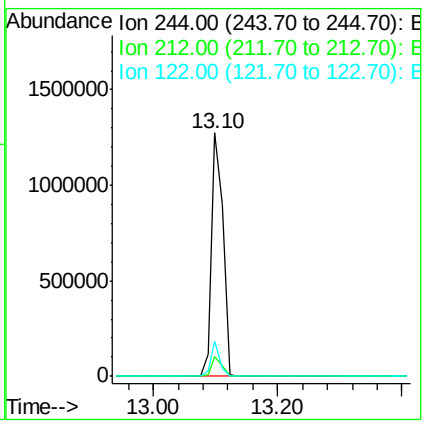


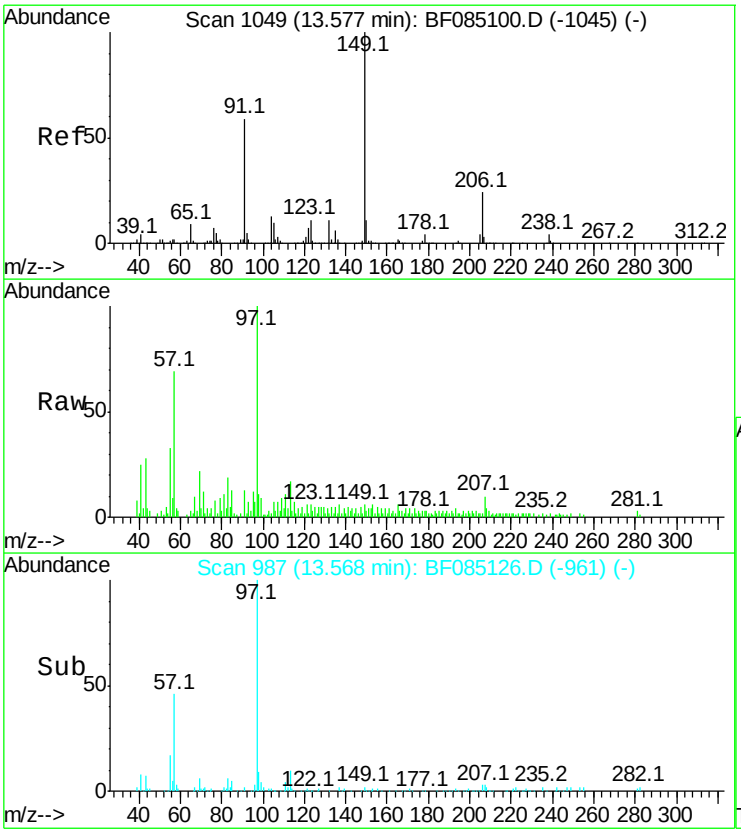
#78
Terphenyl-d14
Concen: 96.45 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1587823

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	14.3	5.1	7.7#

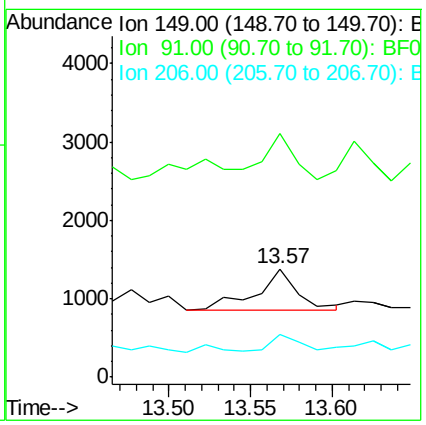


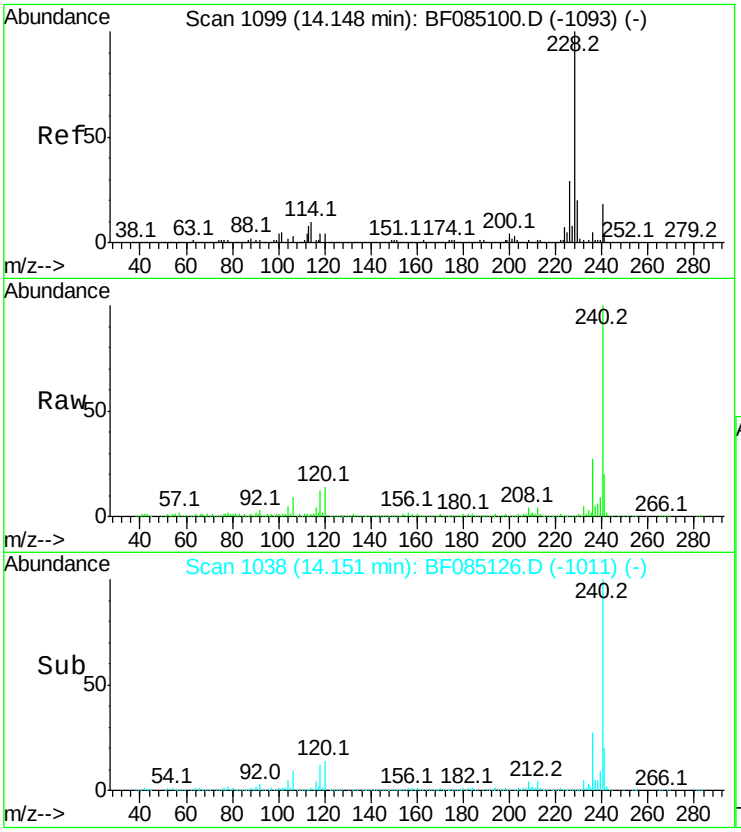


#79
Butylbenzylphthalate
Concen: 0.08 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:149 Resp: 942

Ion	Ratio	Lower	Upper
149	100		
91	224.9	46.9	70.3#
206	39.5	19.0	28.6#



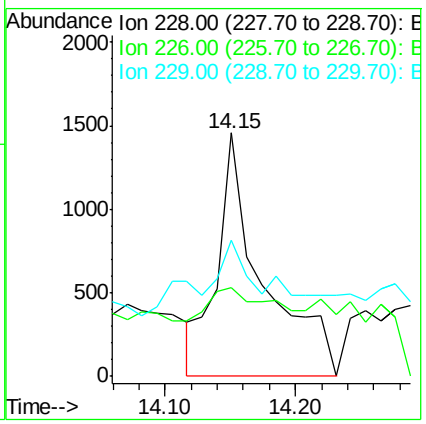


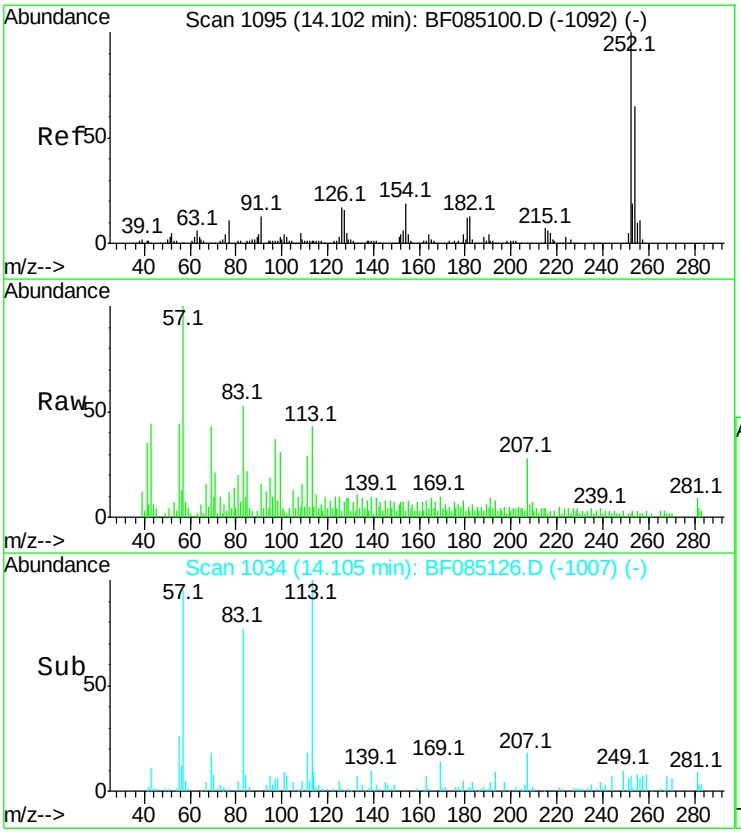
#80
Benzo(a)anthracene
Concen: 0.16 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 3505

Ion	Ratio	Lower	Upper
228	100		
226	36.4	23.0	34.4#
229	56.0	16.1	24.1#

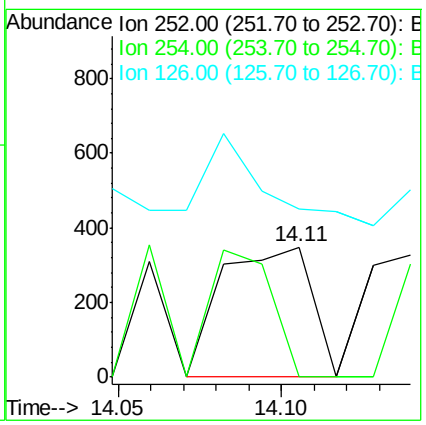


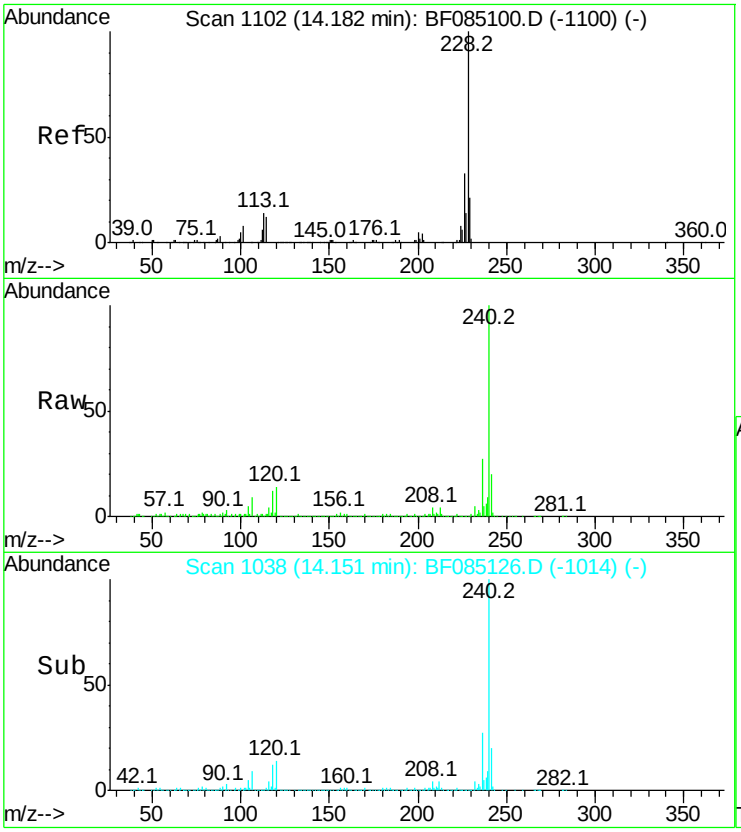


#81
3,3'-Dichlorobenzidine
Concen: 0.09 ng
RT: 14.11 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:252 Resp: 662

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.8	77.6#
126	129.2	13.2	19.8#



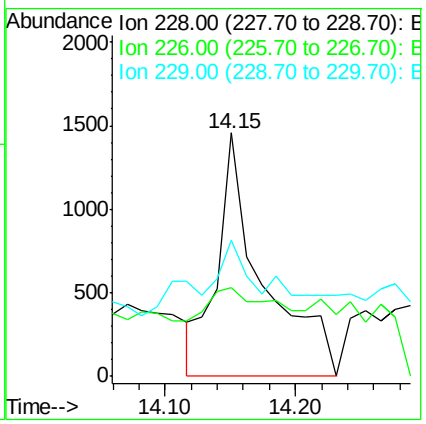


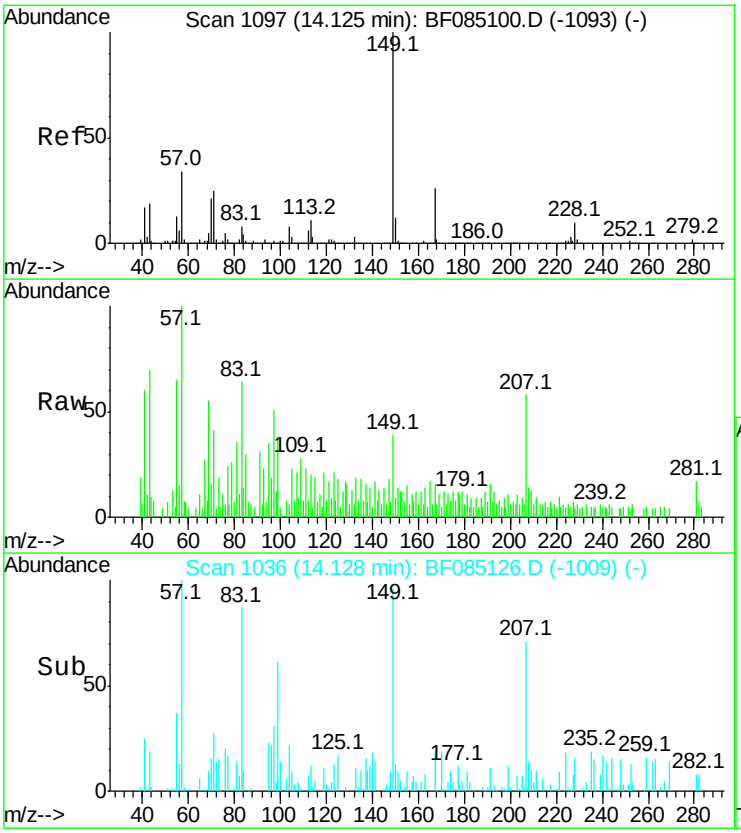
#82
Chrysene
Concen: 0.17 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 3505

Ion	Ratio	Lower	Upper
228	100		
226	36.4	26.2	39.4
229	56.0	16.5	24.7#

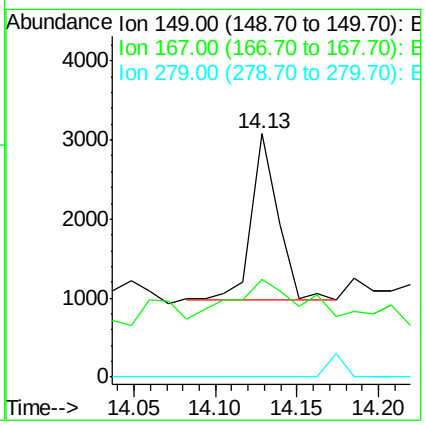


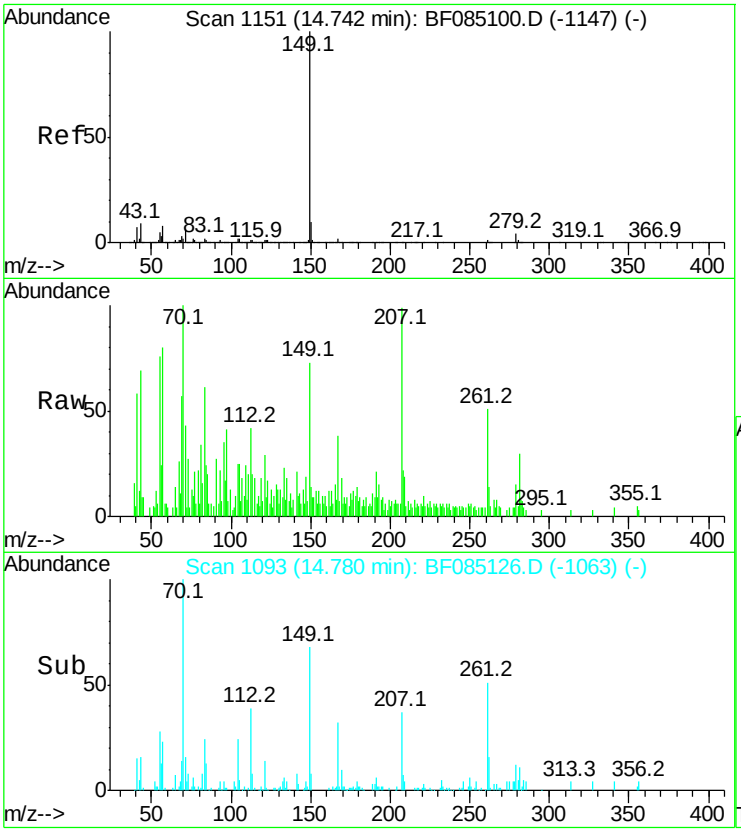


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:149 Resp: 2372

Ion	Ratio	Lower	Upper
149	100		
167	40.1	20.6	31.0#
279	0.0	2.0	3.0#



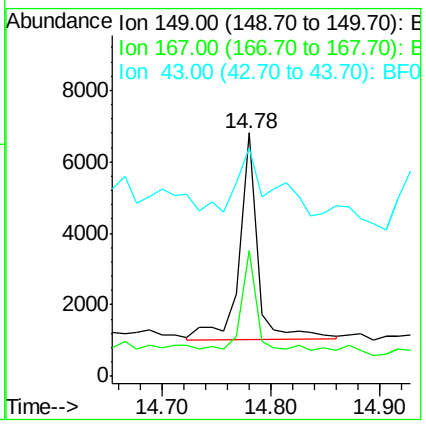


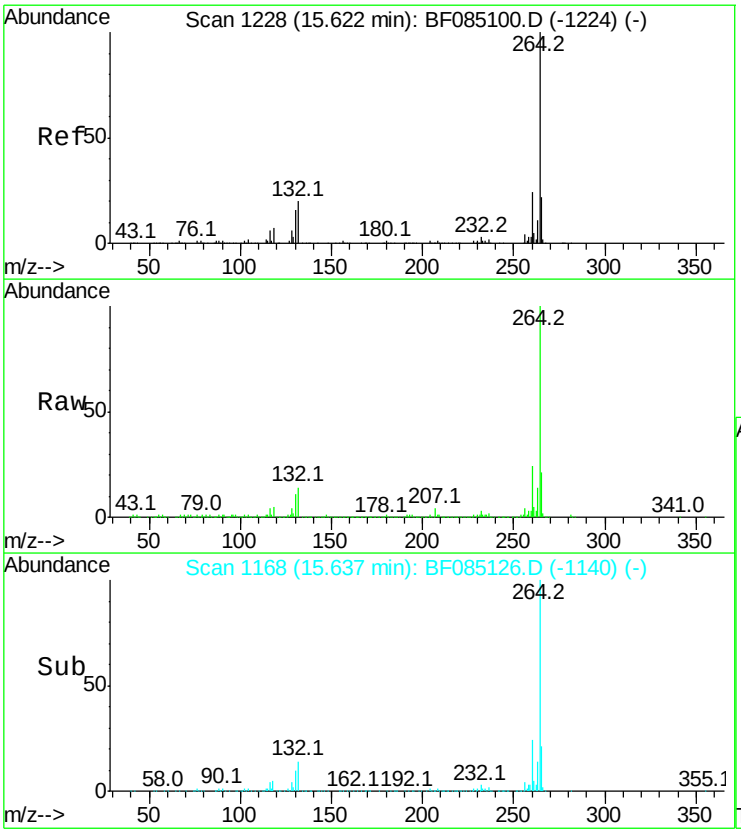
#84
Di-n-octyl phthalate
Concen: 0.34 ng
RT: 14.78 min Scan# 1093
Delta R.T. 0.04 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 6585

Ion	Ratio	Lower	Upper
149	100		
167	36.9	1.2	1.8#
43	71.4	8.8	13.2#

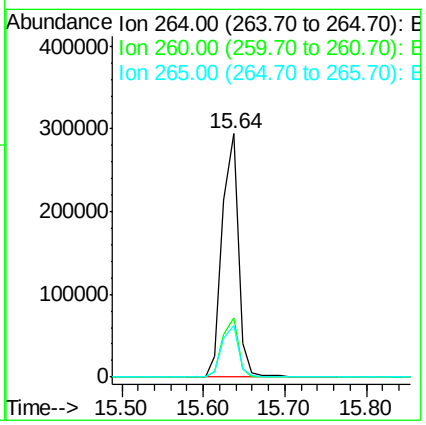


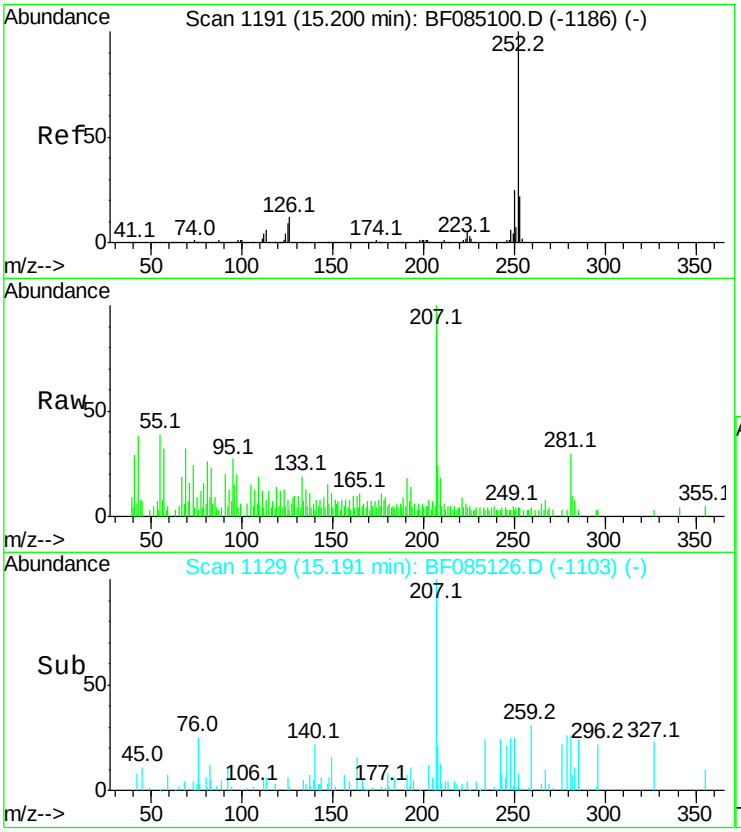


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:264 Resp: 405055

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.1	17.4	26.2



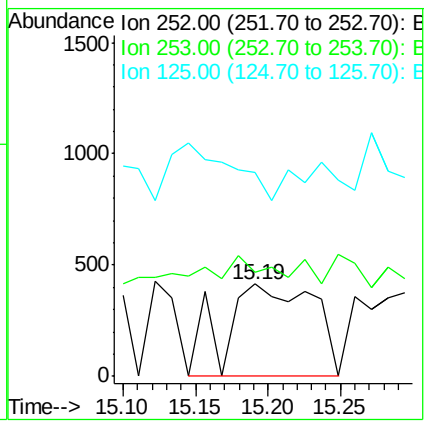


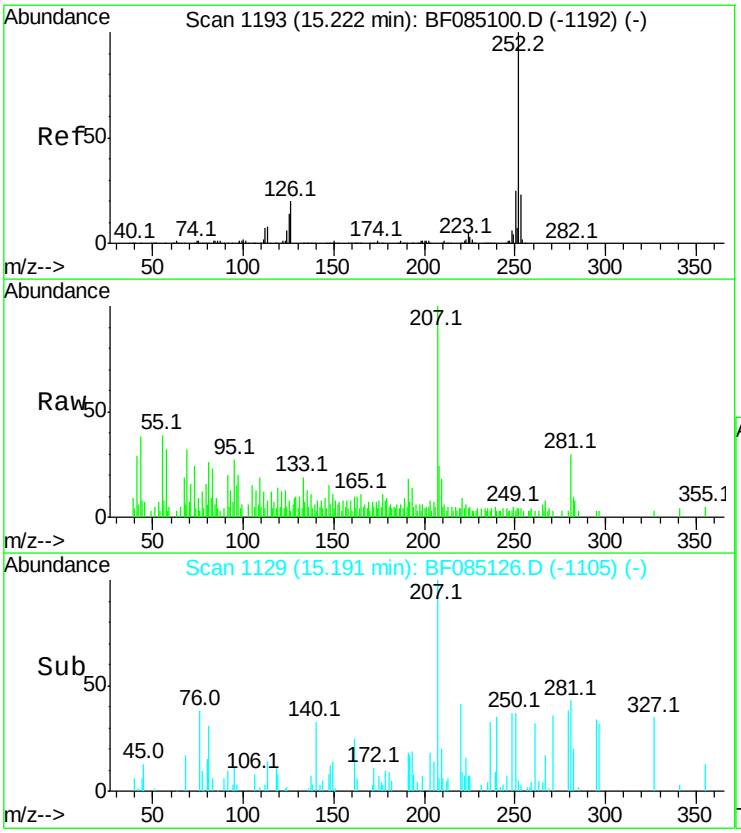
#87
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 15.19 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1763

Ion	Ratio	Lower	Upper
252	100		
253	113.5	17.8	26.8#
125	222.0	7.0	10.4#

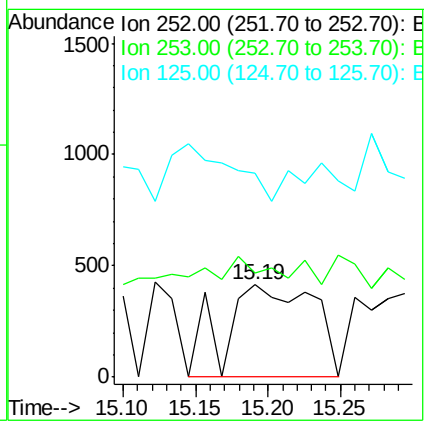


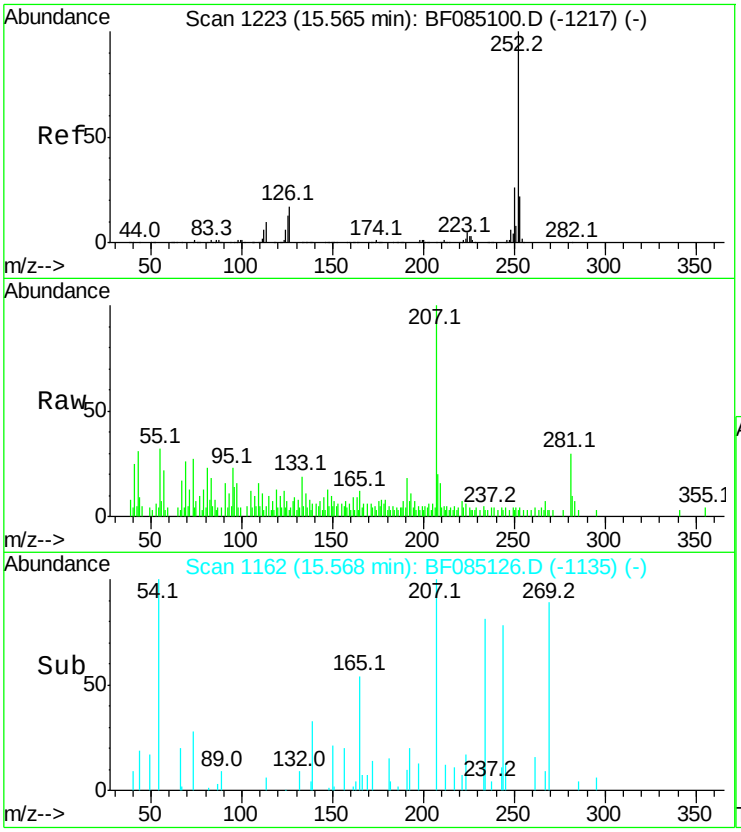


#88
Benzo(k)fluoranthene
Concen: 0.08 ng
RT: 15.19 min Scan# 1129
Delta R.T. -0.03 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:252 Resp: 1763

Ion	Ratio	Lower	Upper
252	100		
253	113.5	18.2	27.4#
125	222.0	11.1	16.7#



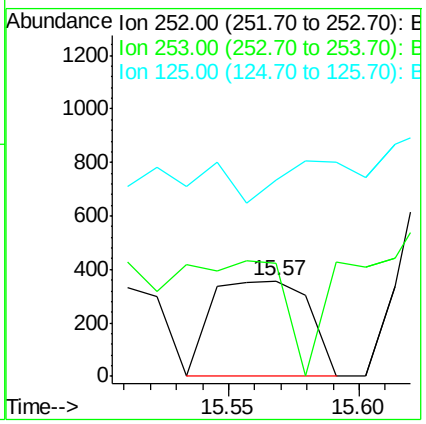


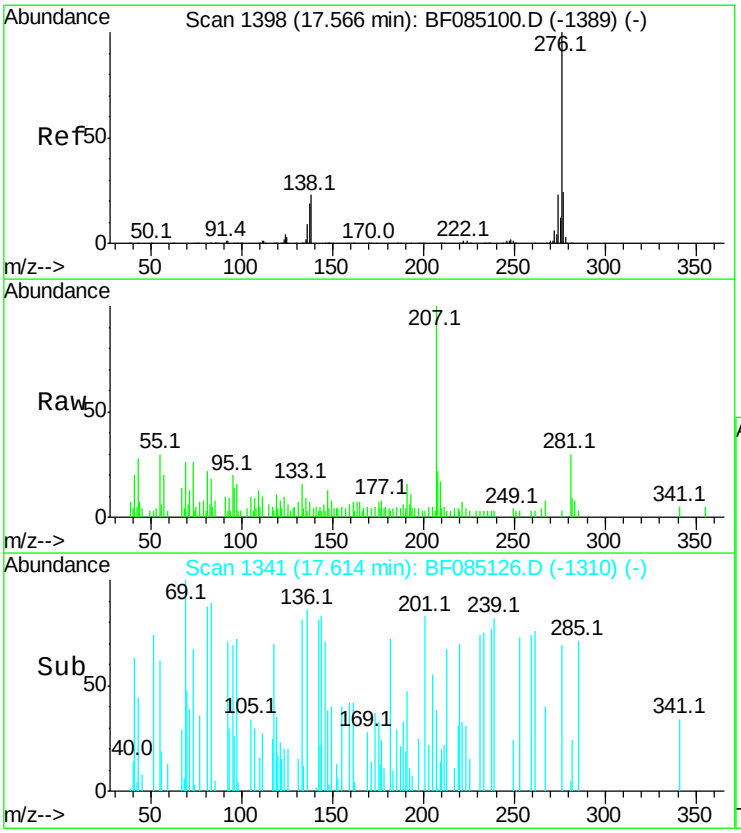
#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 924

Ion	Ratio	Lower	Upper
252	100		
253	118.8	18.0	27.0#
125	206.5	10.2	15.2#





#91
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 17.61 min Scan# 1341
Delta R.T. 0.05 min
Lab File: BF085126.D
Acq: 2 Mar 2016 18:27

Tgt Ion:276 Resp: 216

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	18.1	27.1#