Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085115.D
Acq On : 2 Mar 2016 13:15
Operator : SJ/IZ
Sample : H1617-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 03 01:38:12 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	6.98	152	155782	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	680147	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	315241	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	626523	20.00	ng		0.00
75) Chrysene-d12	14.15	240	485496	20.00	ng		0.00
86) Perylene-d12	15.63	264	357582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1521784	158.59	ng		0.01
7) Phenol-d6	6.61	99	1736431	138.04	ng		0.00
23) Nitrobenzene-d5	7.54	82	1202848	94.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.81	330	527018	166.36	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1893617	88.47	ng		0.00
78) Terphenyl-d14	13.10	244	1927598	93.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	230	0.05	ng	#	22
3) Pyridine	3.69	79	209	0.02	ng	#	5
6) Aniline	6.62	93	408	0.02	ng	#	1
8) 2-Chlorophenol	6.77	128	1057	0.10	ng	#	1
9) Benzaldehyde	6.76	77	34203	3.04	ng		82
10) Phenol	6.62	94	21033	1.49	ng	#	38
11) bis(2-Chloroethyl)ether	6.76	93	2130	0.19	ng	#	1
15) Benzyl Alcohol	7.14	79	20961	2.29	ng	#	50
16) 2,2'-oxybis(1-Chloropropan	7.40	45	512	0.03	ng	#	1
17) 2-Methylphenol	7.12	107	1015	0.11	ng	#	38
18) Hexachloroethane	7.52	117	2258	0.50	ng	#	36
19) n-Nitroso-di-n-propylamine	7.54	70	159819	19.28	ng	#	82
20) 3+4-Methylphenols	7.38	107	214	0.02	ng	#	1
22) Acetophenone	7.38	105	6968	0.41	ng	#	91
24) Nitrobenzene	7.52	77	12157	0.92	ng	#	48
27) 2,4-Dimethylphenol	7.97	122	31851	2.77	ng	#	7
28) bis(2-Chloroethoxy)methane	8.01	93	1660	0.12	ng	#	1
31) Naphthalene	8.29	128	13274	0.39	ng		97
32) Benzoic acid	7.97	122	31851	15.95	ng		94
33) 4-Chloroaniline	8.38	127	256	0.02	ng	#	1
37) 2-Methylnaphthalene	8.98	142	5840	0.28	ng		94
45) 1,1'-Biphenyl	9.45	154	1032	0.04	ng	#	68
47) 2-Nitroaniline	9.74	65	3757	0.59	ng	#	1
48) Acenaphthylene	9.89	152	11976	0.39	ng		97
49) Dimethylphthalate	9.74	163	359689	15.39	ng		98
50) 2,6-Dinitrotoluene	9.74	165	3789	0.78	ng	#	10
51) Acenaphthene	10.06	154	1467	0.08	ng		96
54) Dibenzofuran	10.23	168	1852	0.07	ng	#	95
55) 4-Nitrophenol	10.12	139	276	0.06	ng	#	46
56) 2,4-Dinitrotoluene	10.02	165	40936	6.27	ng	#	19
57) Fluorene	10.57	166	2606	0.13	ng	#	83
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245	0.05	ng	#	44
59) Diethylphthalate	10.44	149	907	0.04	ng	#	57
62) Azobenzene	10.73	77	627	0.03	ng	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085115.D
Acq On : 2 Mar 2016 13:15
Operator : SJ/IZ
Sample : H1617-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 03 01:38:12 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)
64) 4,6-Dinitro-2-methylphenol	10.81	198	1175	7.47	ng	#	1
65) n-Nitrosodiphenylamine	10.68	169	638	0.03	ng	#	73
66) 4-Bromophenyl-phenylether	10.81	248	31082	4.72	ng	#	1
69) Pentachlorophenol	11.32	266	1583	0.36	ng		97
70) Phenanthrene	11.53	178	35723	1.15	ng		97
71) Anthracene	11.59	178	8345	0.24	ng		98
72) Carbazole	11.74	167	3061	0.10	ng	#	88
73) Di-n-butylphthalate	12.07	149	6819	0.19	ng		98
74) Fluoranthene	12.72	202	75109	2.20	ng		96
77) Pyrene	12.95	202	95475	2.88	ng		95
79) Butylbenzylphthalate	13.57	149	895	0.06	ng	#	44
80) Benzo(a)anthracene	14.14	228	79619	2.82	ng	#	88
81) 3,3'-Dichlorobenzidine	14.09	252	213	0.02	ng	#	27
82) Chrysene	14.14	228	79619	3.09	ng		93
83) Bis(2-ethylhexyl)phthalate	14.13	149	53769	3.32	ng	#	98
84) Di-n-octyl phthalate	14.75	149	1462	0.06	ng	#	74
85) Indeno(1,2,3-cd)pyrene	17.09	276	19137	0.88	ng		93
87) Benzo(b)fluoranthene	15.19	252	50093	2.30	ng	#	97
88) Benzo(k)fluoranthene	15.19	252	50093	2.66	ng		97
89) Benzo(a)pyrene	15.56	252	25653	1.40	ng		96
90) Dibenzo(a,h)anthracene	17.10	278	4789	0.29	ng	#	88
91) Benzo(g,h,i)perylene	17.53	276	20181	1.20	ng		98

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

Quantitation Report (Not Reviewed)

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Instrument : BNA_F
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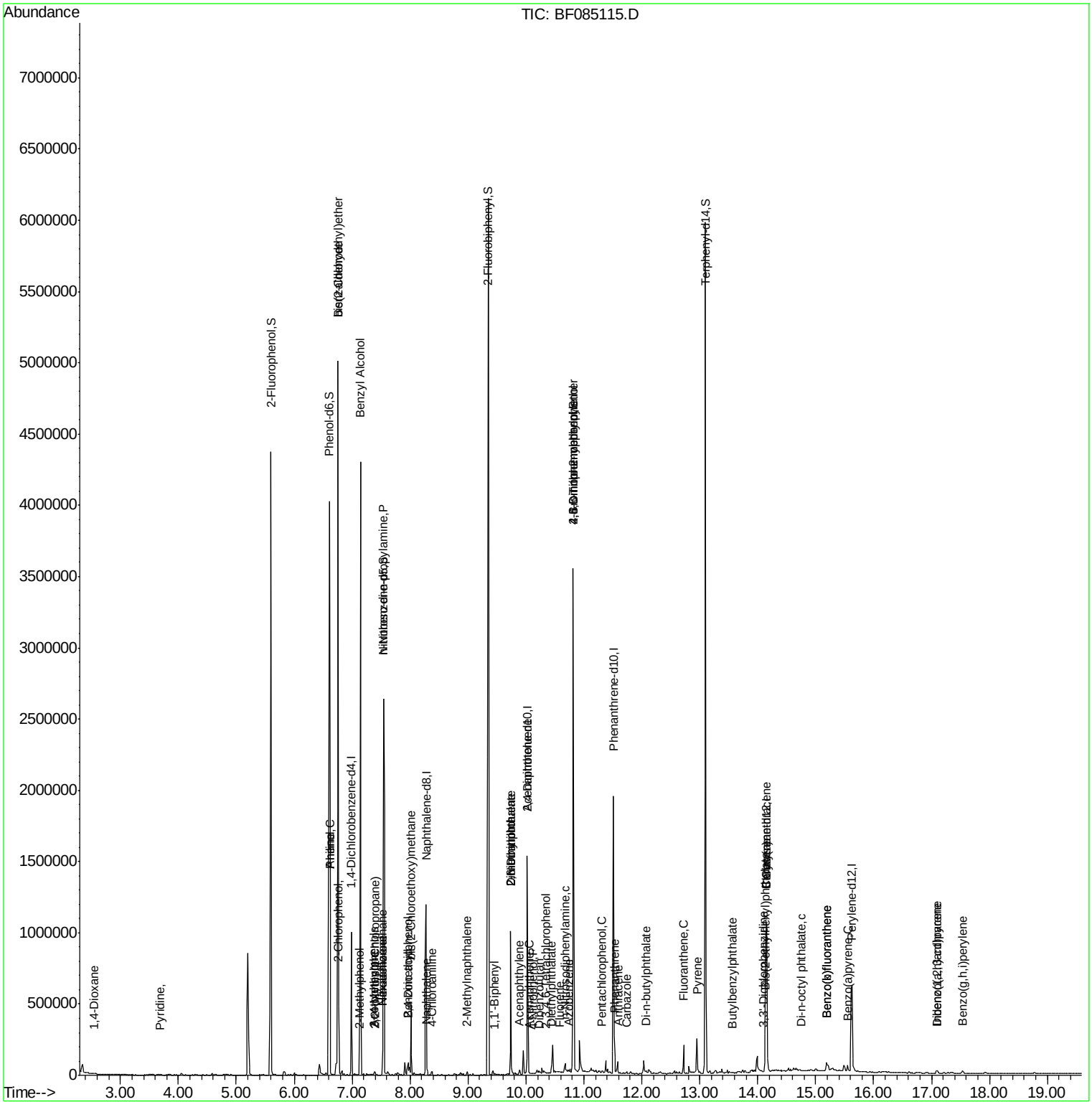
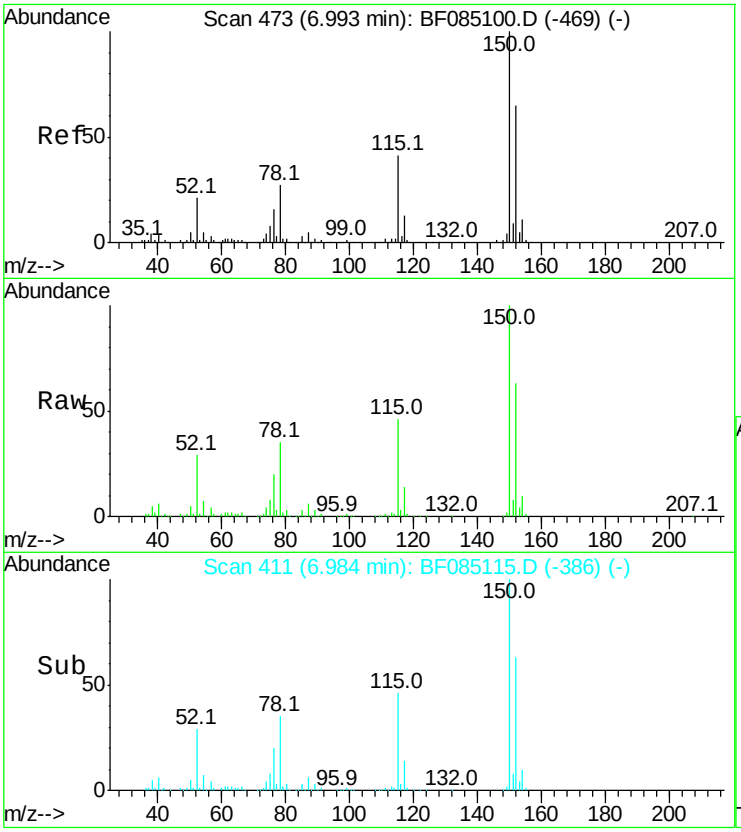


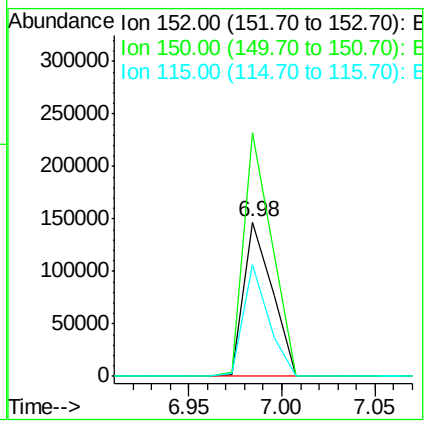


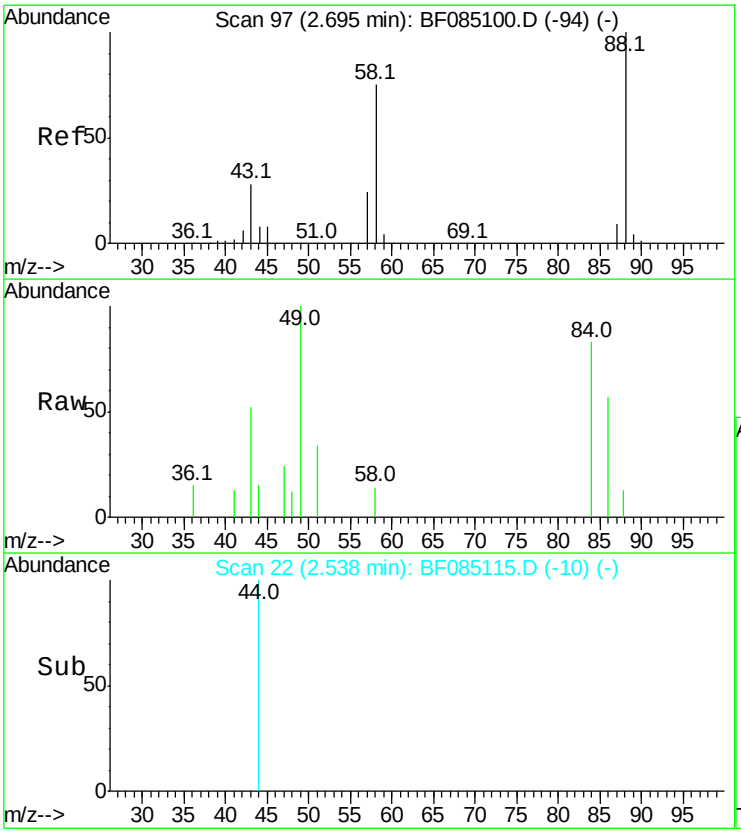
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155782

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.4	185.0
115	72.8	50.0	75.0

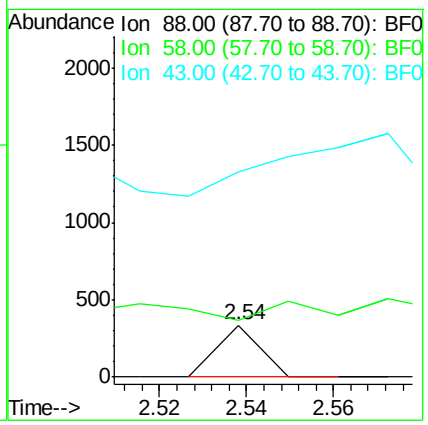


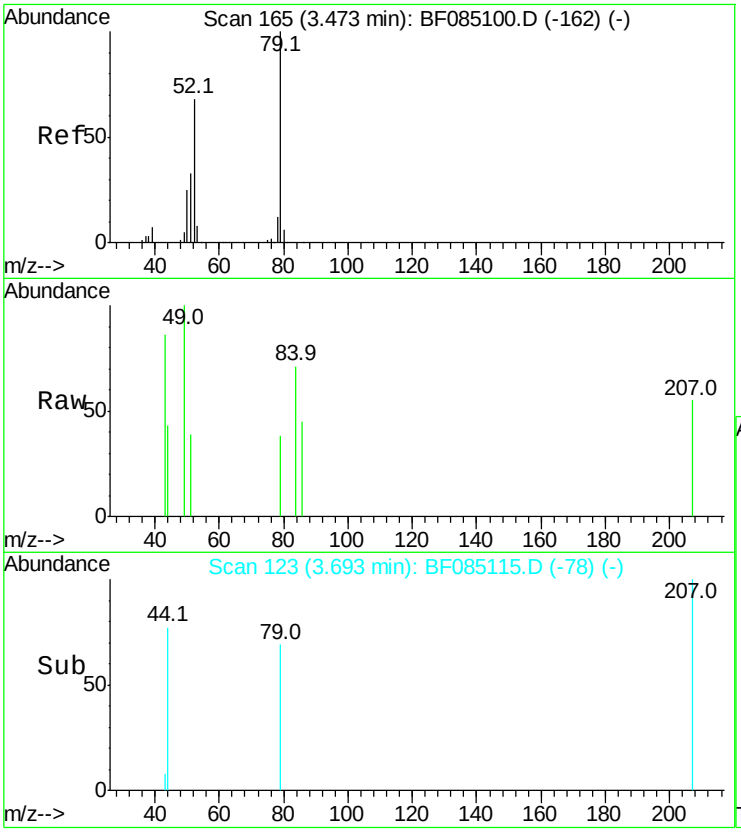


#2
1,4-Dioxane
Concen: 0.05 ng
RT: 2.54 min Scan# 22
Delta R.T. -0.16 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 88 Resp: 230

Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.4	87.6#
43	0.0	22.2	33.4#



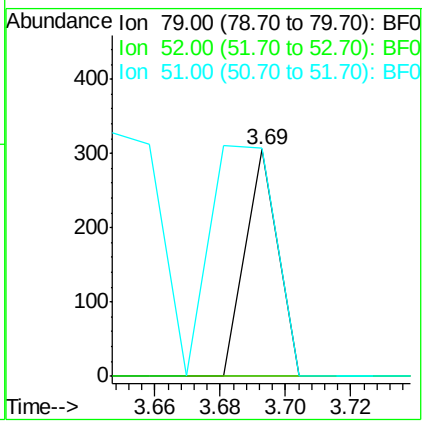


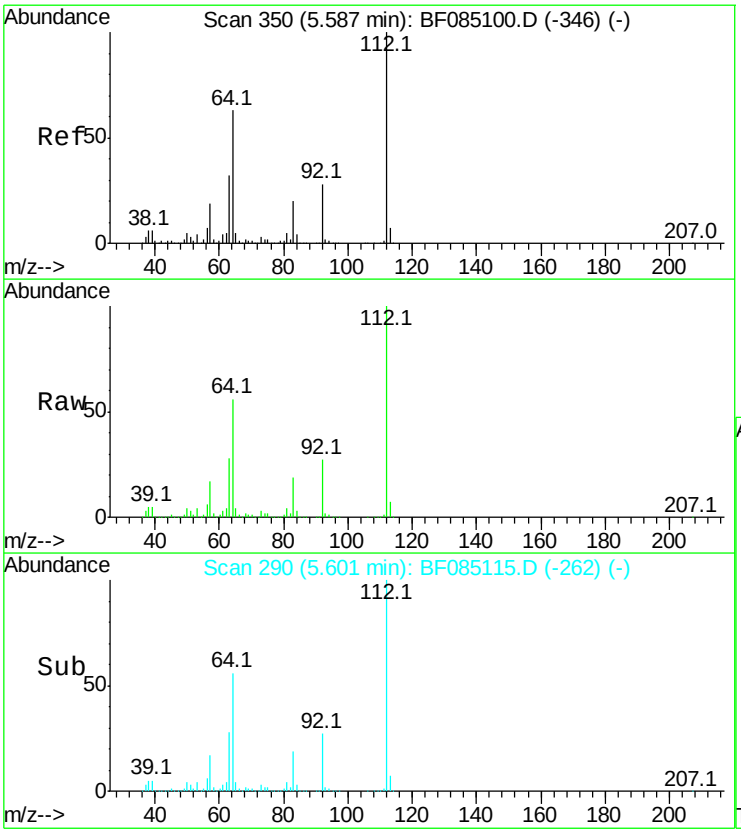
#3
Pyridine
Concen: 0.02 ng
RT: 3.69 min Scan# 123
Delta R.T. 0.22 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 209

Ion	Ratio	Lower	Upper
79	100		
52	0.0	54.1	81.1#
51	100.7	26.6	40.0#

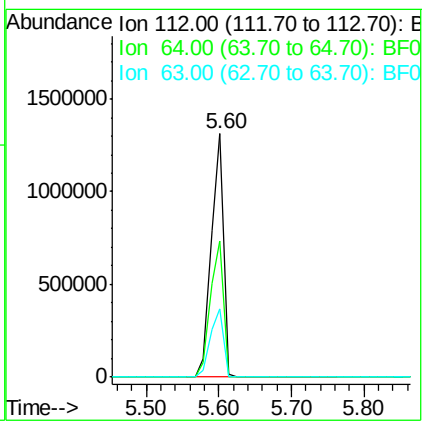


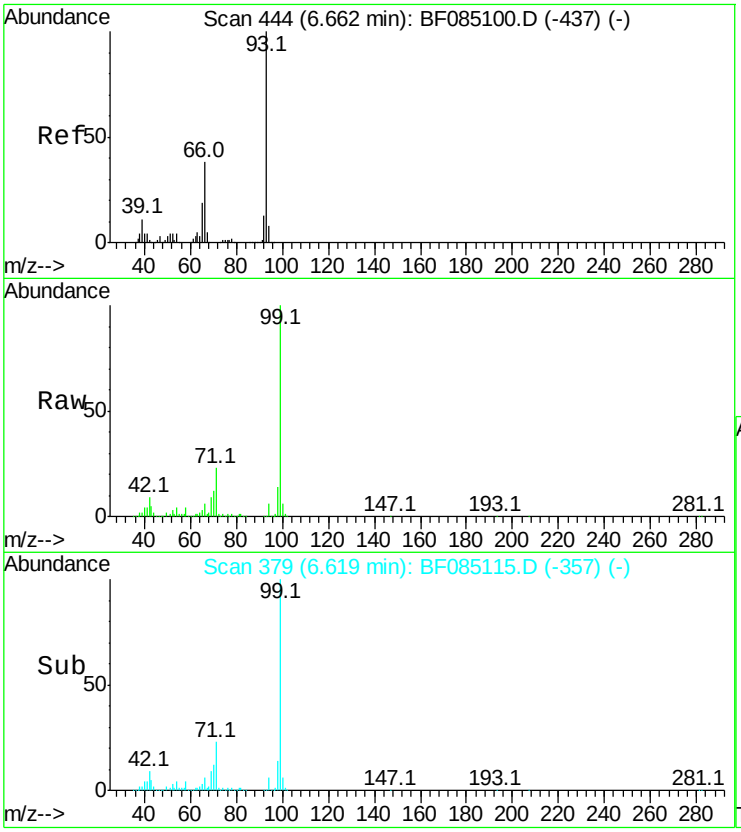


#5
2-Fluorophenol
Concen: 158.59 ng
RT: 5.60 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:112 Resp: 1521784

Ion	Ratio	Lower	Upper
112	100		
64	55.9	50.6	76.0
63	28.2	25.5	38.3



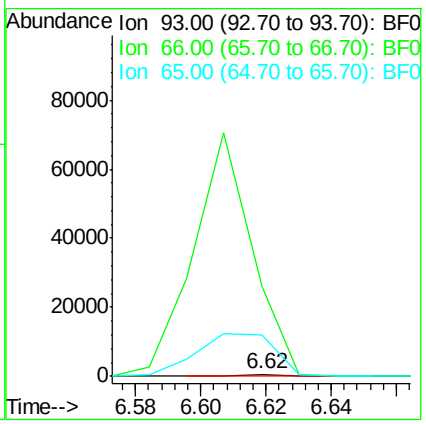


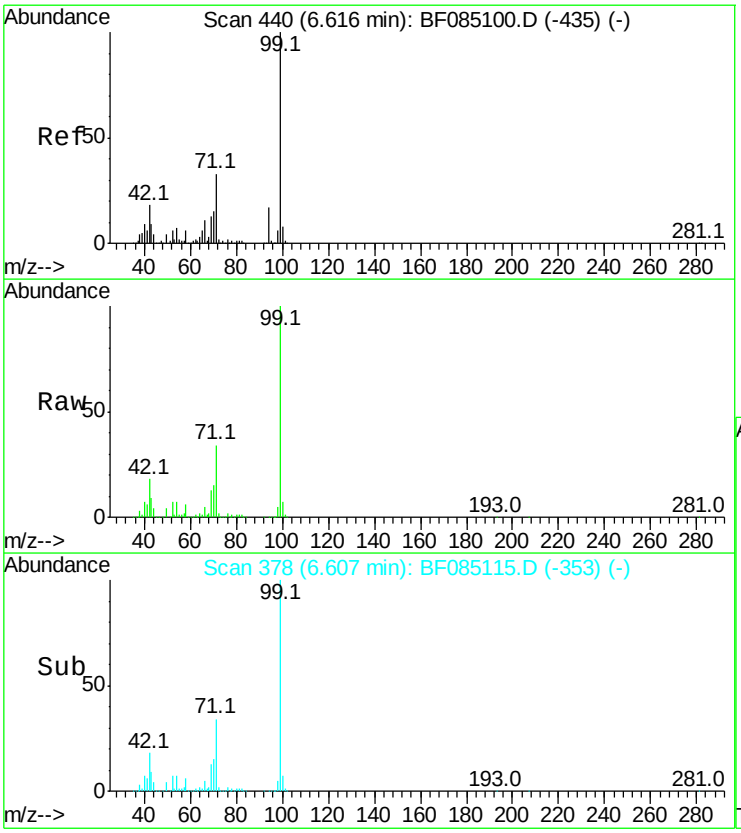
#6
Aniline
Concen: 0.02 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.04 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 408

Ion	Ratio	Lower	Upper
93	100		
66	4393.9	30.1	45.1#
65	2014.6	15.0	22.6#

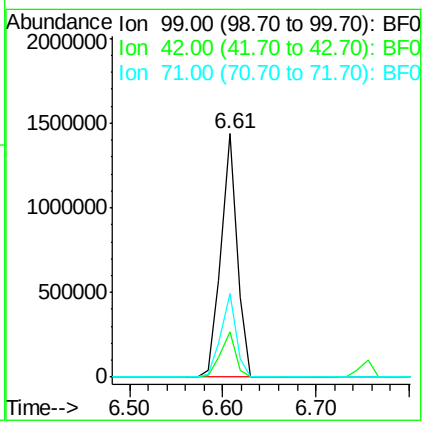


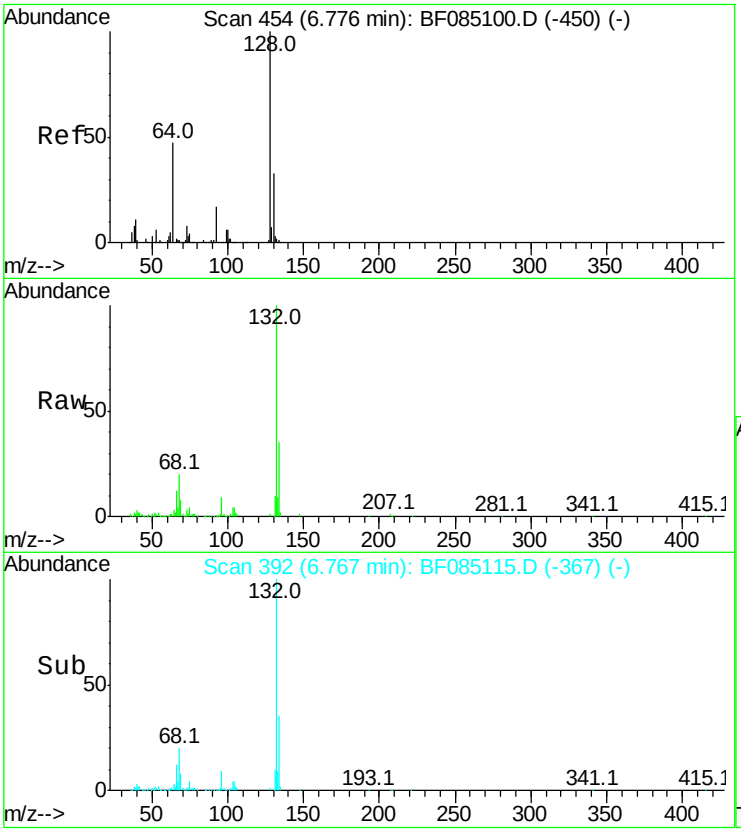


#7
Phenol-d6
Concen: 138.04 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 99 Resp: 1736431

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	34.4	26.8	40.2



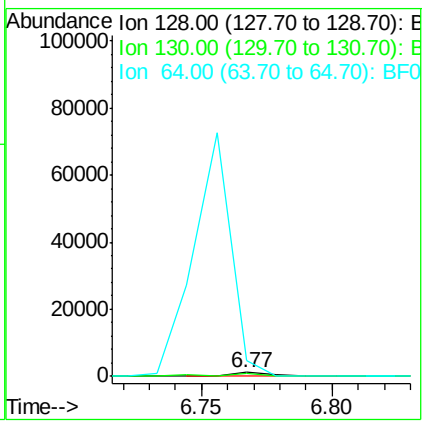


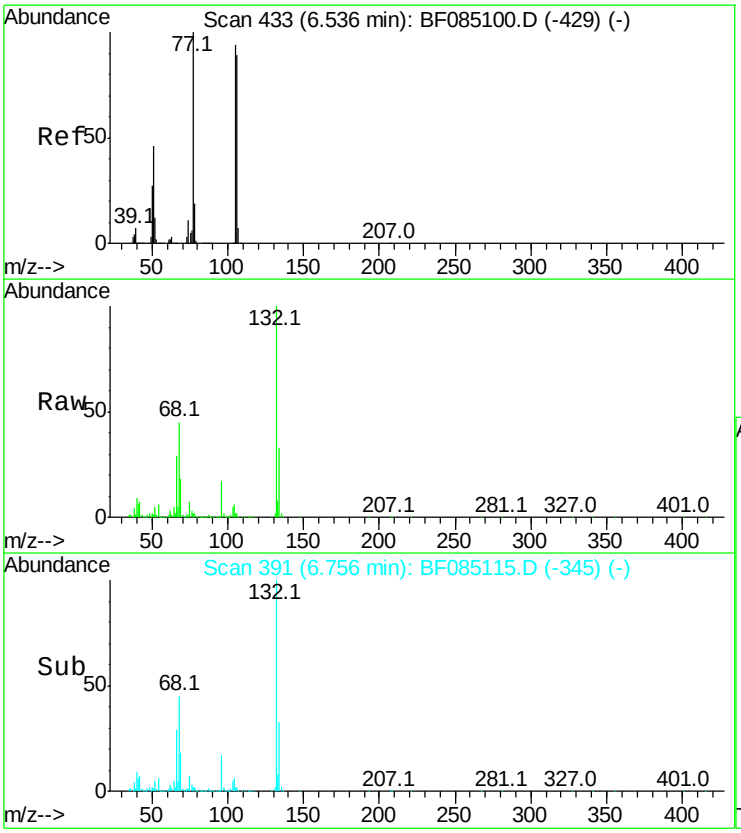
#8
2-Chlorophenol
Concen: 0.10 ng
RT: 6.77 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1057

Ion	Ratio	Lower	Upper
128	100		
130	79.2	13.1	53.1#
64	432.0	29.6	69.6#

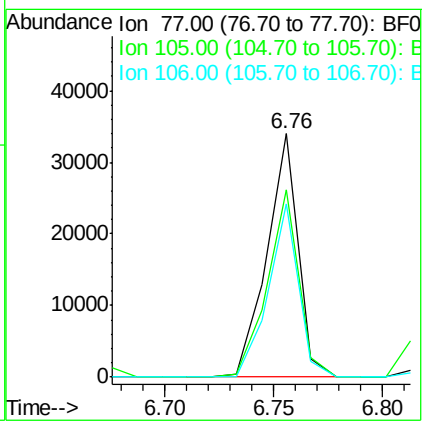


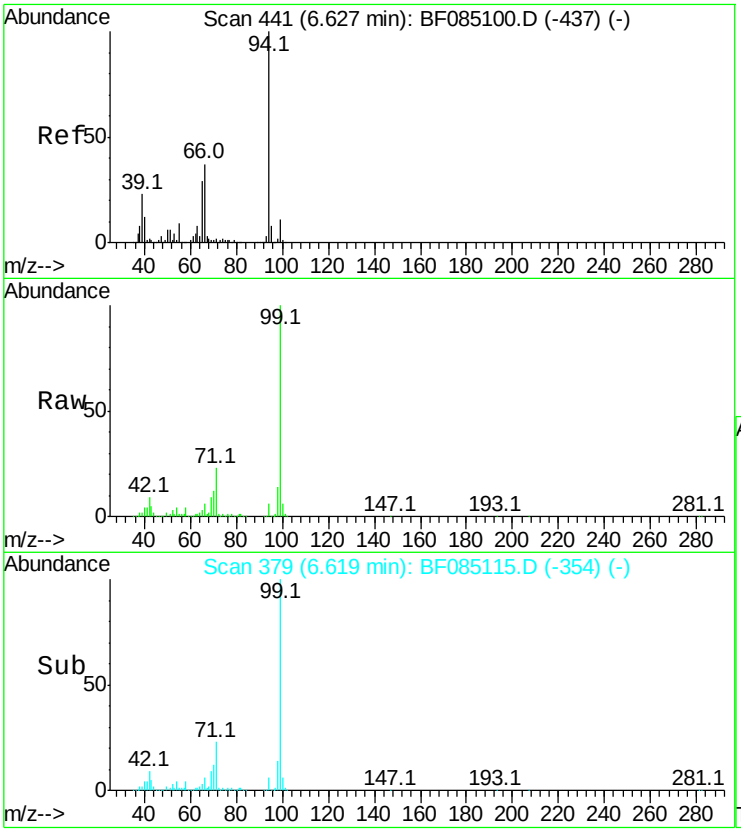


#9
Benzaldehyde
Concen: 3.04 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.22 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 77 Resp: 34203

Ion	Ratio	Lower	Upper
77	100		
105	77.1	73.7	113.7
106	71.4	69.2	109.2



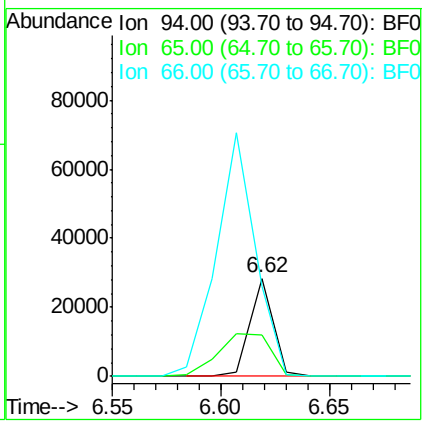


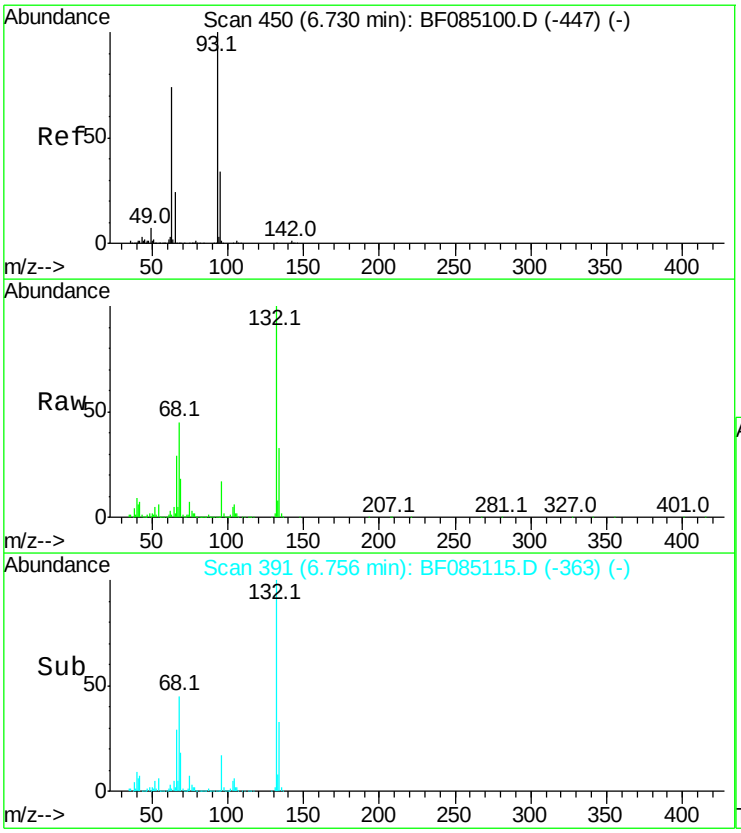
#10
Phenol
Concen: 1.49 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 21033

Ion	Ratio	Lower	Upper
94	100		
65	42.3	9.1	49.1
66	92.3	17.5	57.5#

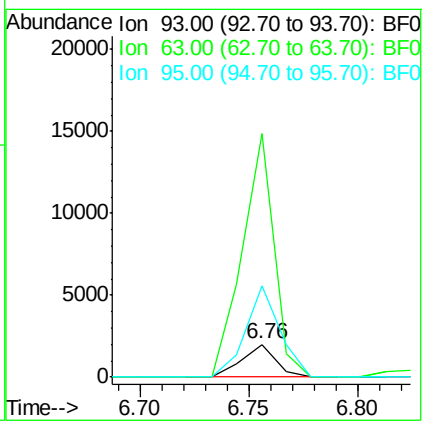


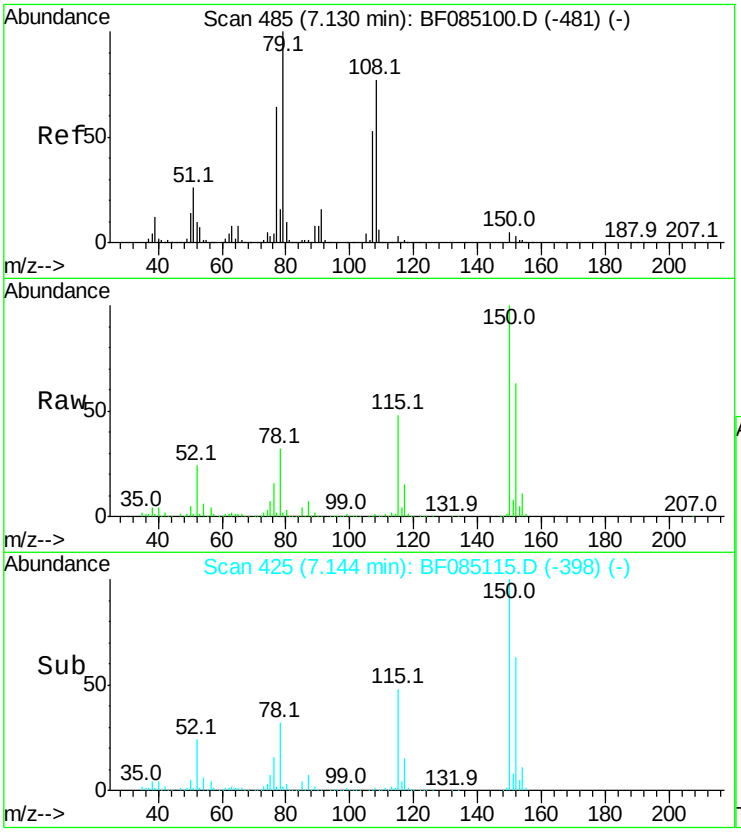


#11
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.03 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 93 Resp: 2130

Ion	Ratio	Lower	Upper
93	100		
63	749.1	53.9	93.9#
95	279.8	13.8	53.8#



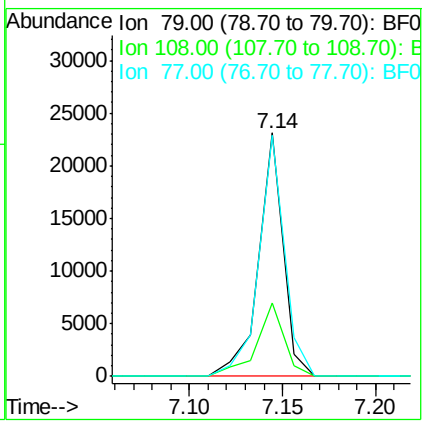


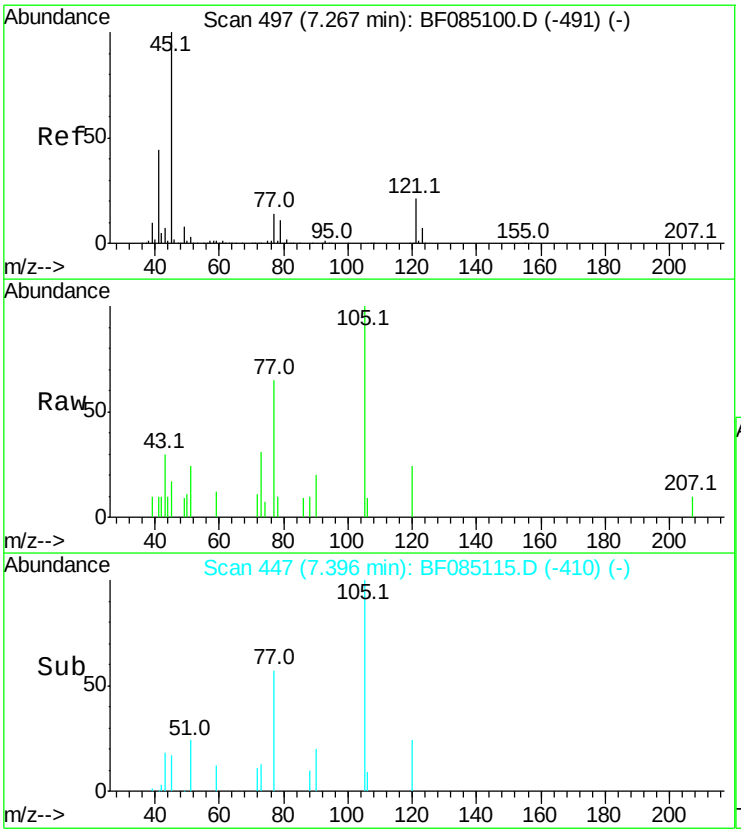
#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 7.14 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 20961

Ion	Ratio	Lower	Upper
79	100		
108	30.1	61.8	92.6#
77	99.2	51.2	76.8#

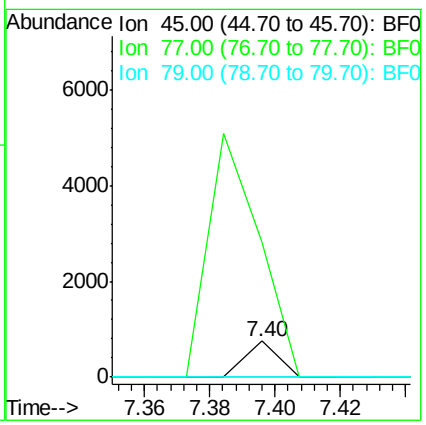


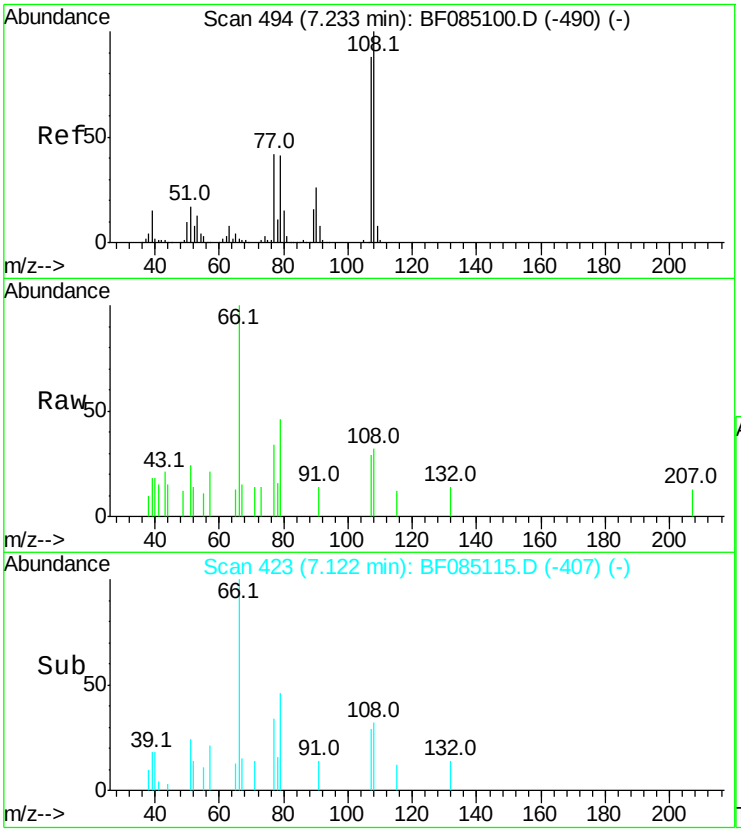


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.13 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 45 Resp: 512

Ion	Ratio	Lower	Upper
45	100		
77	378.8	0.0	34.4#
79	0.0	0.0	31.1



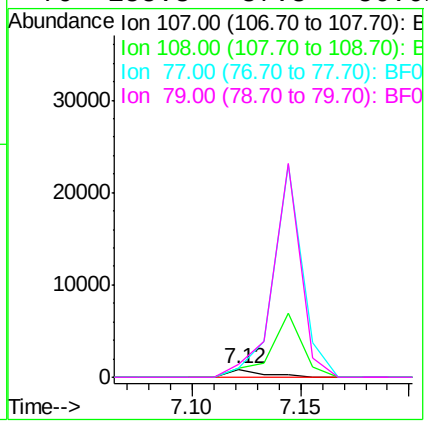


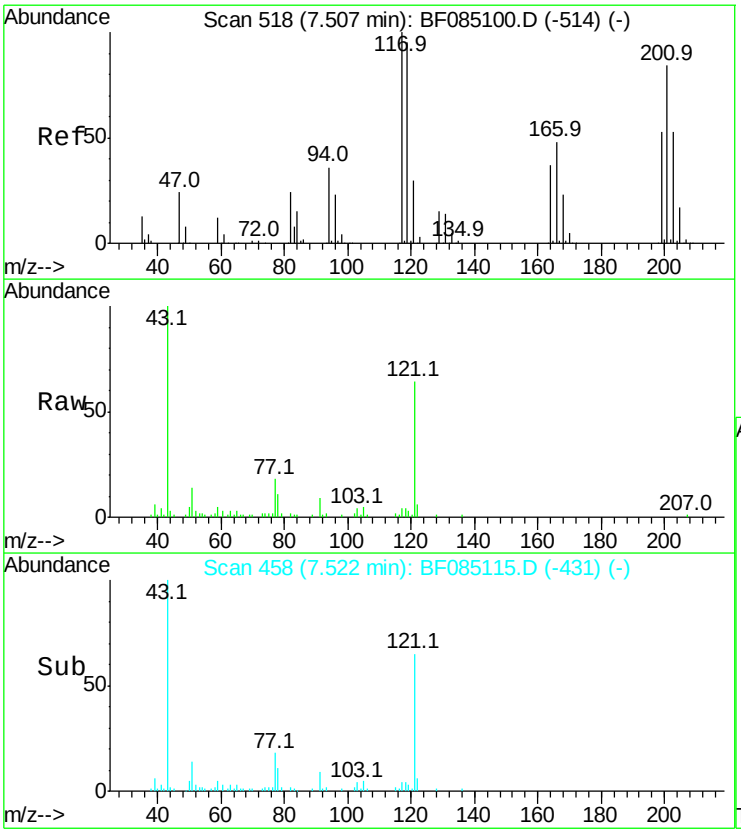
#17
2-Methylphenol
Concen: 0.11 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.11 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 1015

Ion	Ratio	Lower	Upper
107	100		
108	109.2	91.4	137.2
77	114.7	38.7	58.1#
79	155.8	37.8	56.6#

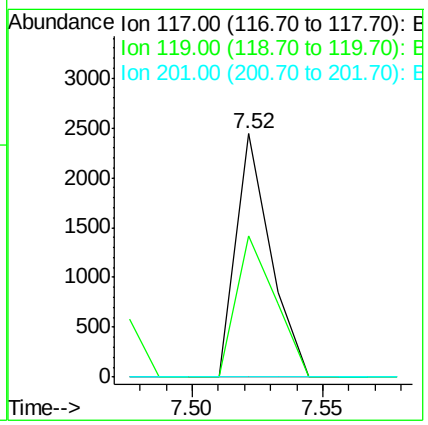


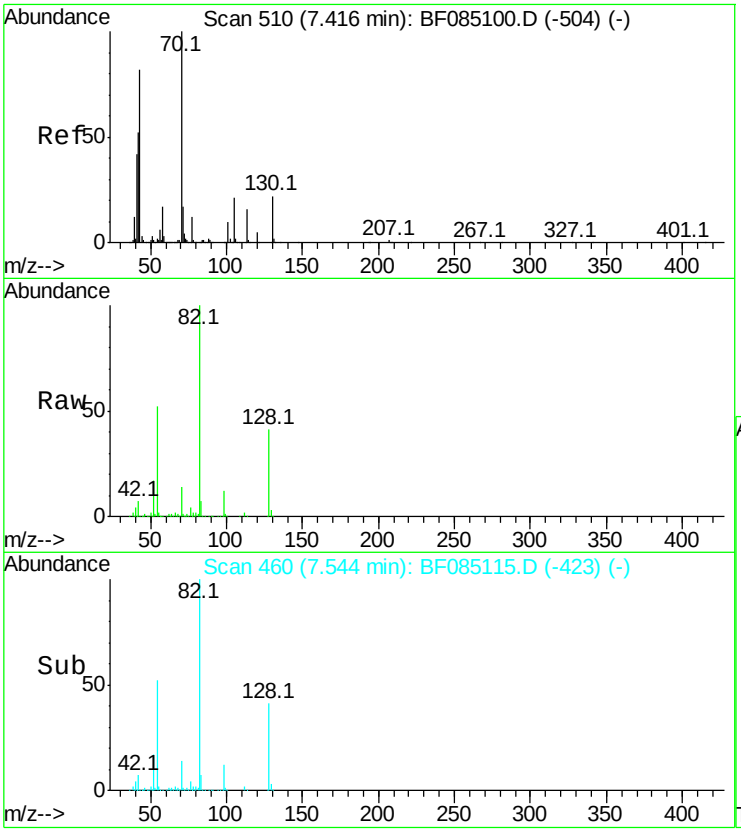


#18
Hexachloroethane
Concen: 0.50 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:117 Resp: 2258

Ion	Ratio	Lower	Upper
117	100		
119	57.9	76.2	114.4#
201	0.0	66.8	100.2#



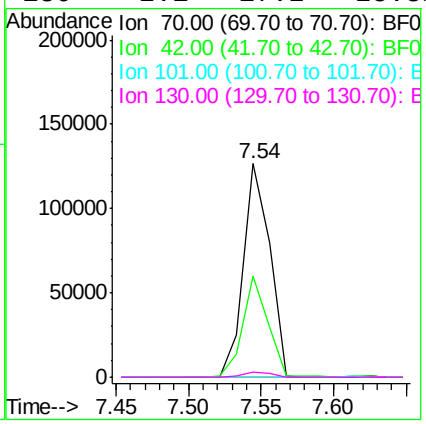


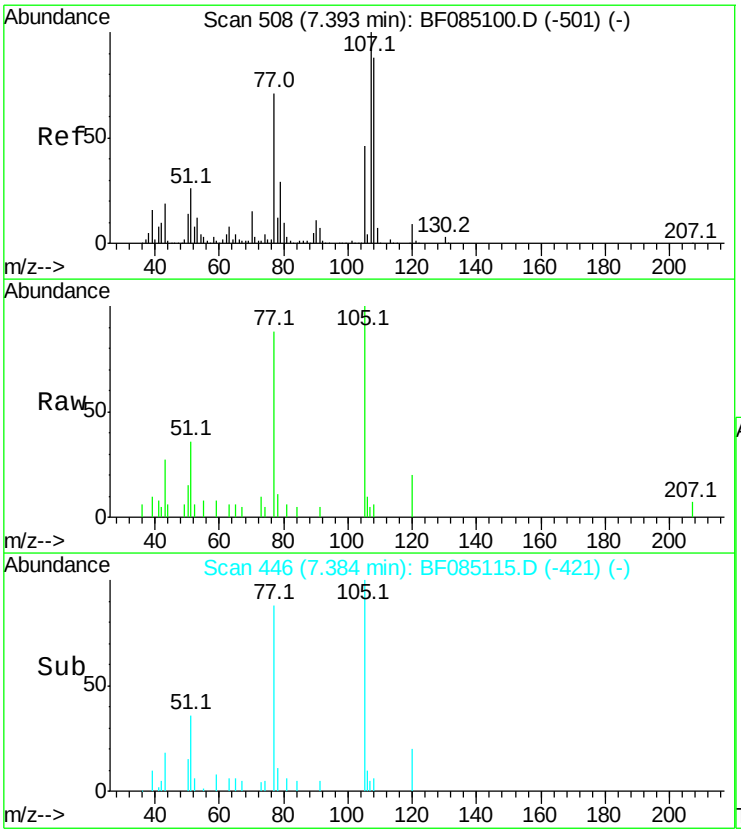
#19
n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.13 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 159819

Ion	Ratio	Lower	Upper
70	100		
42	47.4	41.9	62.9
101	0.0	7.8	11.8#
130	2.1	17.2	25.8#

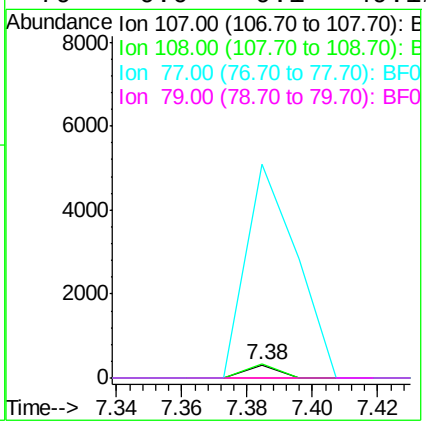


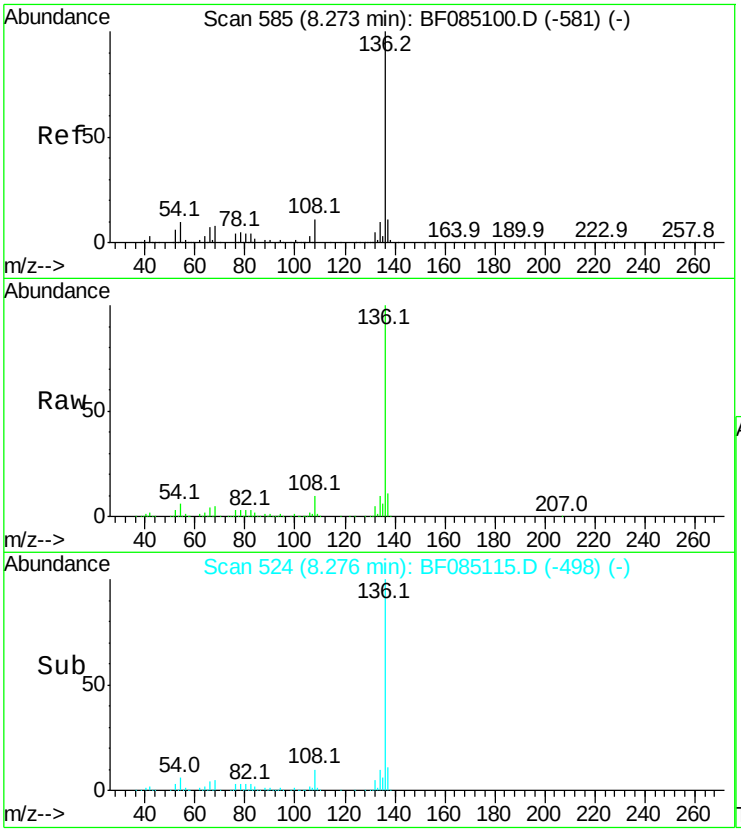


#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:107 Resp: 214

Ion	Ratio	Lower	Upper
107	100		
108	112.2	67.8	107.8#
77	1630.8	50.6	90.6#
79	0.0	9.1	49.1#



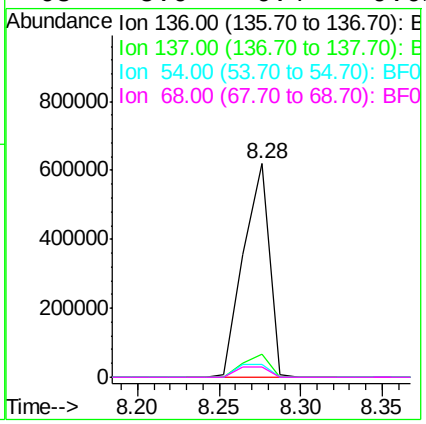


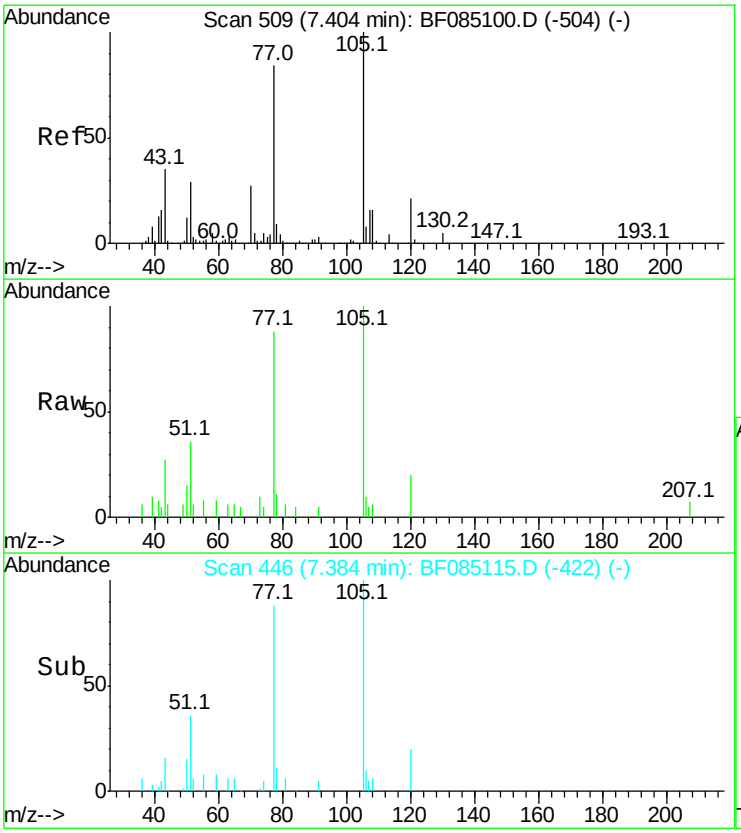
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 680147

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	8.5	12.7#
68	5.0	6.4	9.6#

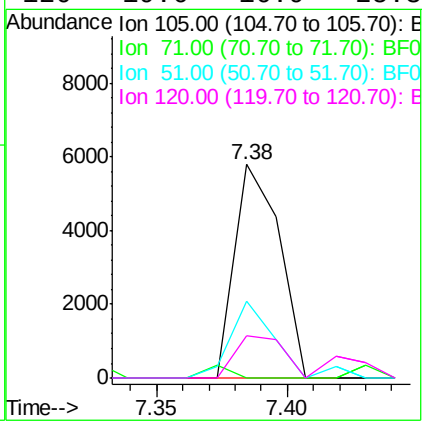


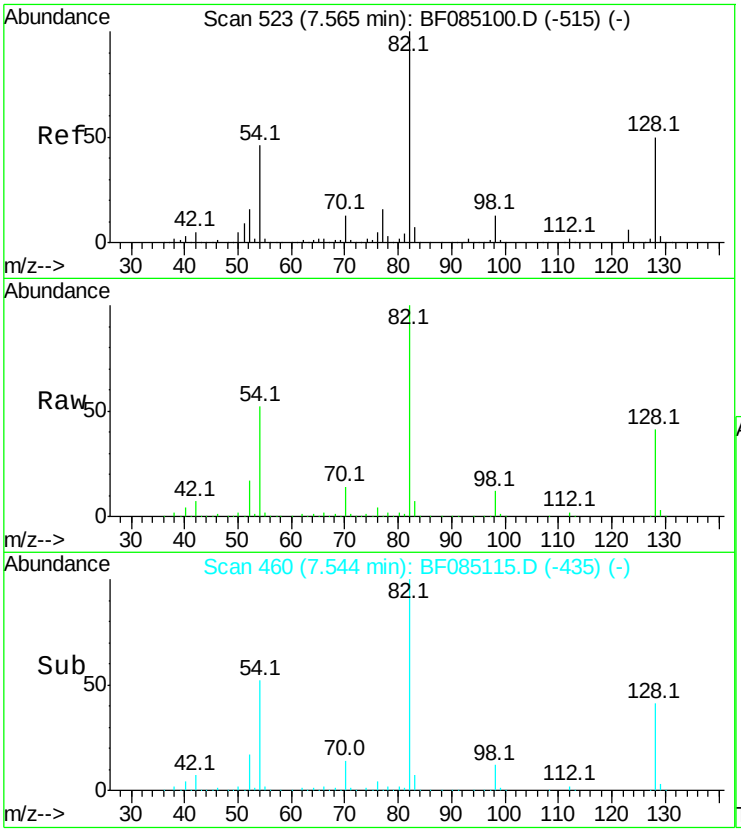


#22
Acetophenone
Concen: 0.41 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:105 Resp: 6968

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.8	5.6#
51	35.7	22.9	34.3#
120	19.6	16.9	25.3

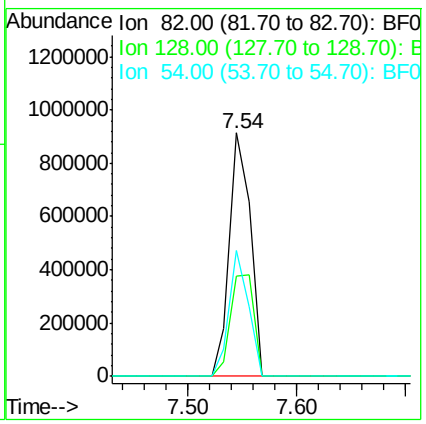




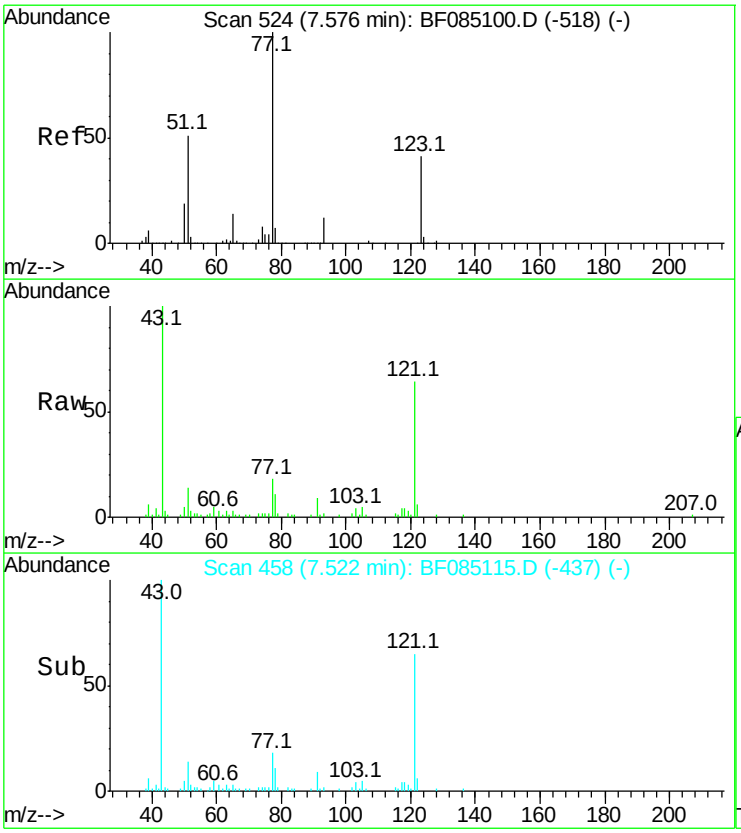
#23
Nitrobenzene-d5
Concen: 94.09 ng
RT: 7.54 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 82 Resp: 1202848

Ion	Ratio	Lower	Upper
82	100		
128	40.9	39.8	59.6
54	51.9	36.6	54.8



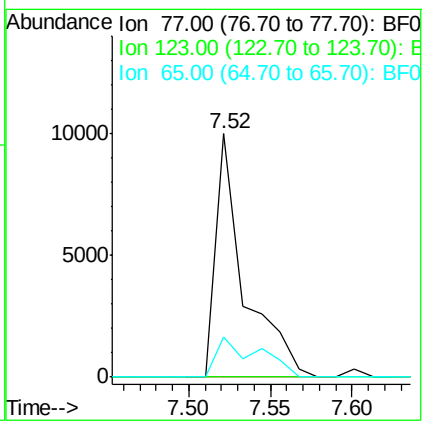
Instrument :
BNA_F
ClientSampleId :

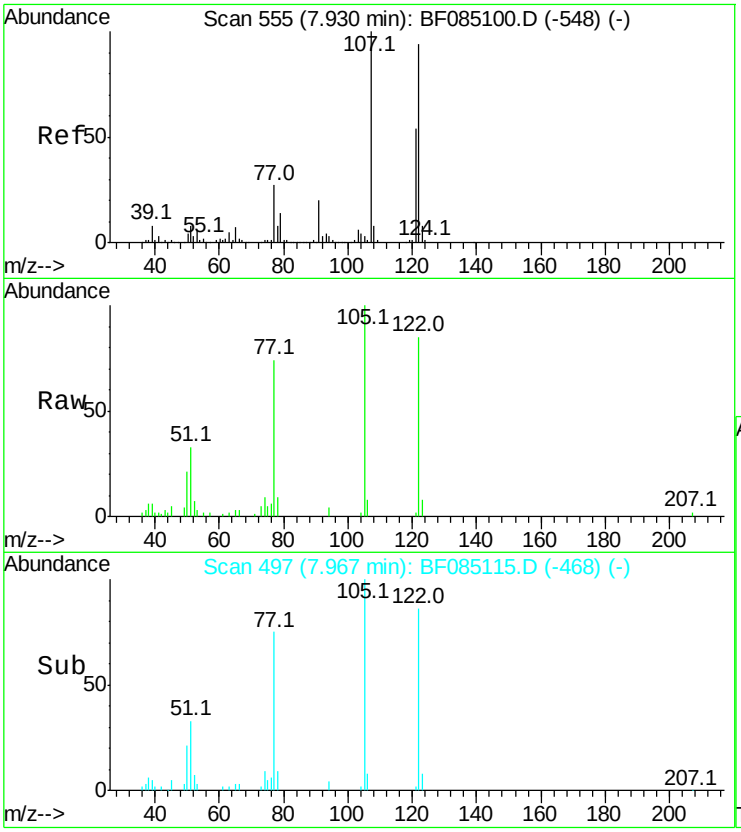


#24
Nitrobenzene
Concen: 0.92 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 77 Resp: 12157

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.4	50.2#
65	16.7	10.9	16.3#



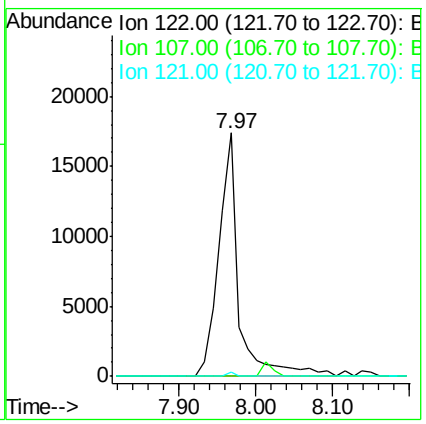


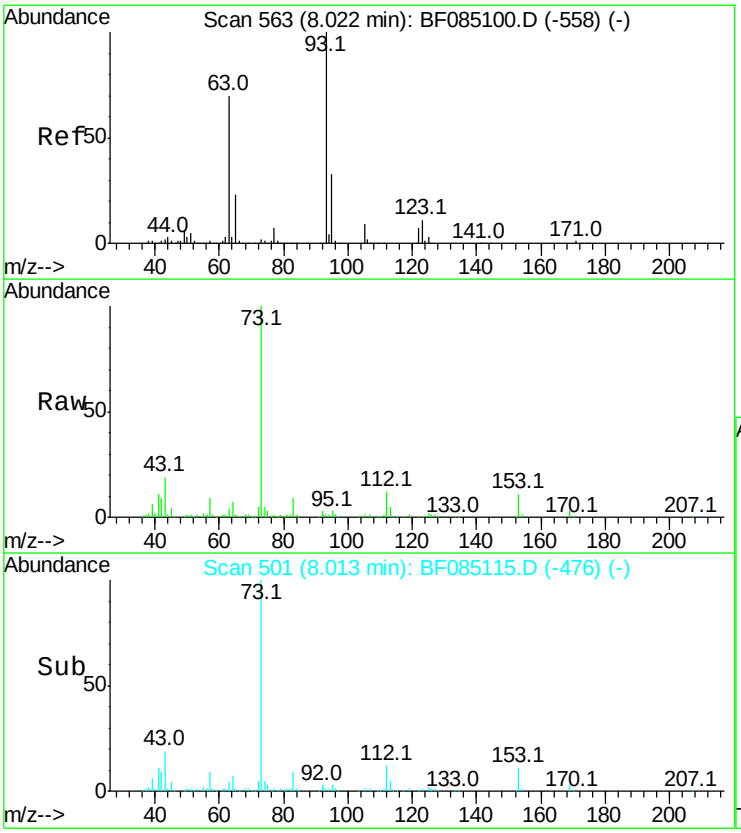
#27
2,4-Dimethylphenol
Concen: 2.77 ng
RT: 7.97 min Scan# 497
Delta R.T. 0.04 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 31851

Ion	Ratio	Lower	Upper
122	100		
107	0.0	85.0	127.4#
121	1.8	45.8	68.8#

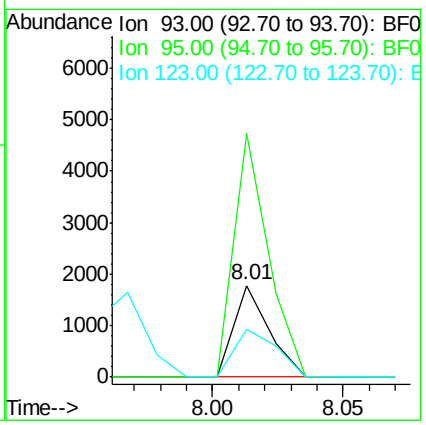


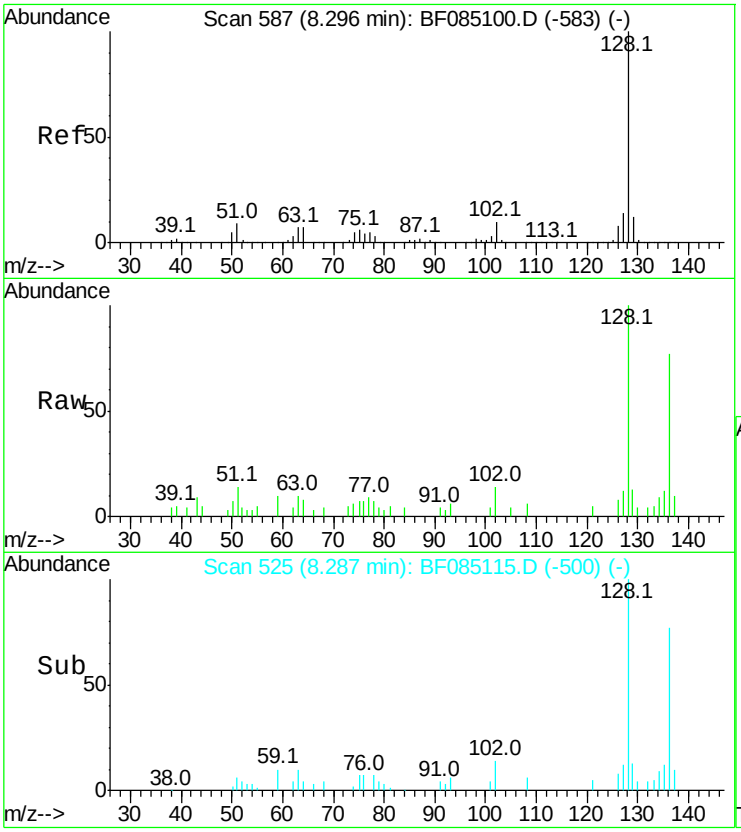


#28
bis(2-Chloroethoxy)methane
Concen: 0.12 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 93 Resp: 1660

Ion	Ratio	Lower	Upper
93	100		
95	266.7	26.2	39.4#
123	52.5	8.8	13.2#

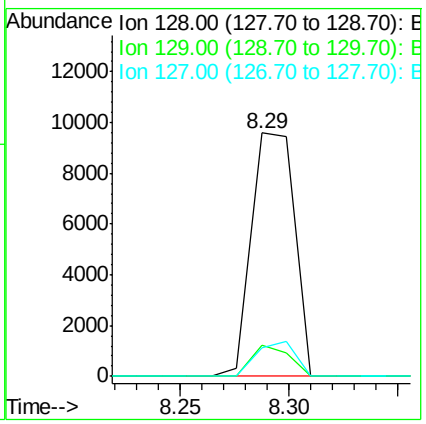




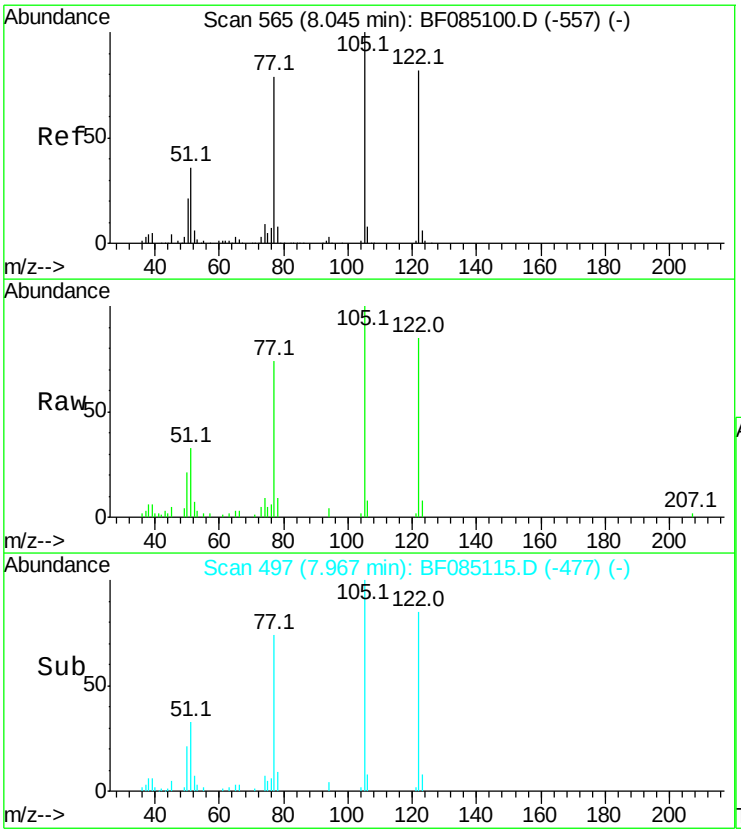
#31
Naphthalene
Concen: 0.39 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:128 Resp: 13274

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.7	14.5
127	11.9	11.1	16.7



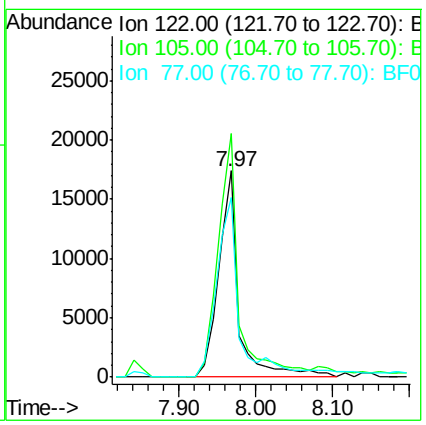
Instrument :
BNA_F
ClientSampleId :

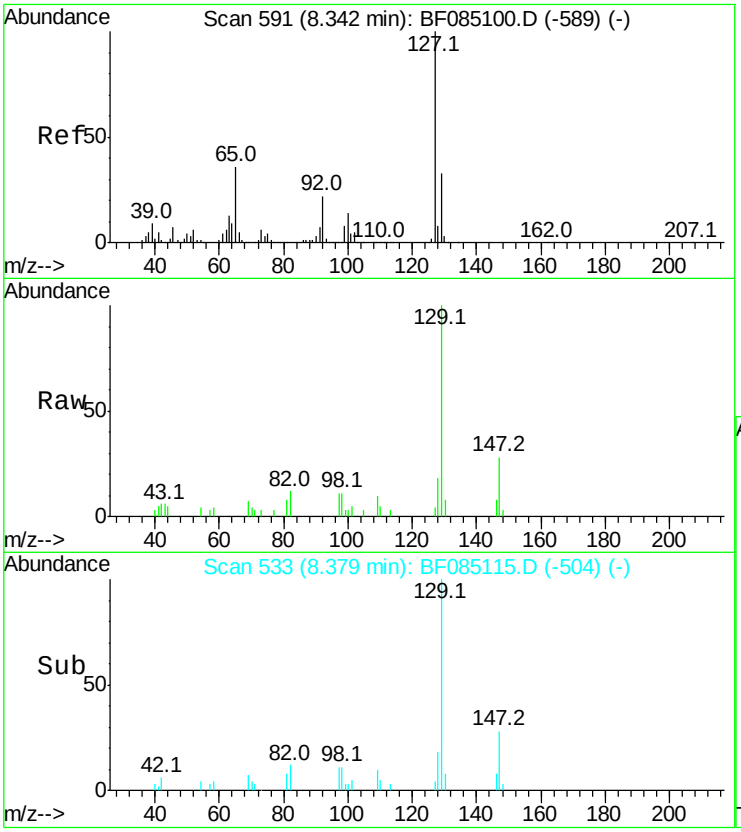


#32
Benzoic acid
Concen: 15.95 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:122 Resp: 31851

Ion	Ratio	Lower	Upper
122	100		
105	118.0	102.0	142.0
77	86.9	76.8	116.8



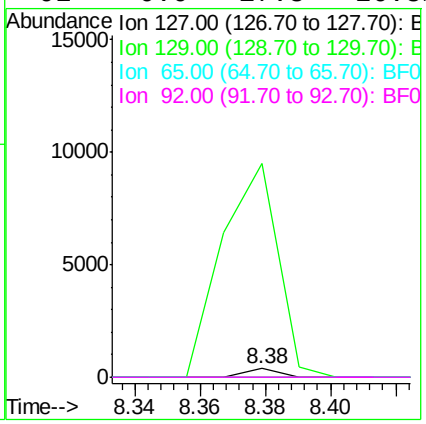


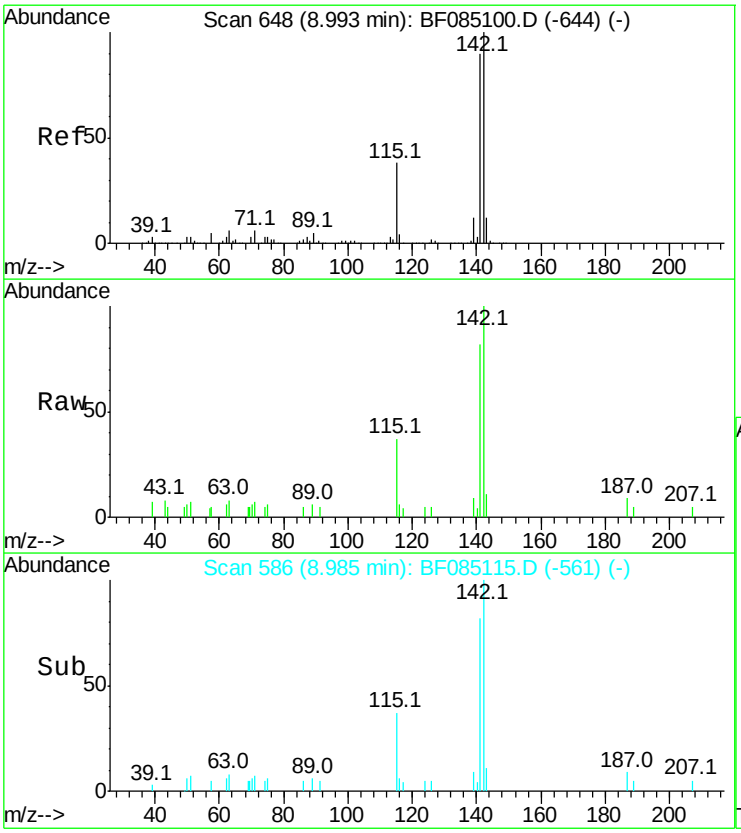
#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.38 min Scan# 533
Delta R.T. 0.04 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 256

Ion	Ratio	Lower	Upper
127	100		
129	2545.6	26.3	39.5#
65	0.0	28.6	43.0#
92	0.0	17.8	26.8#

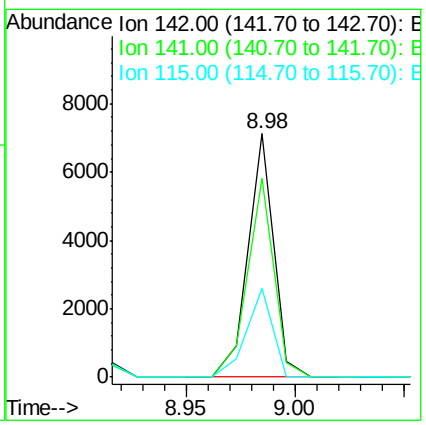


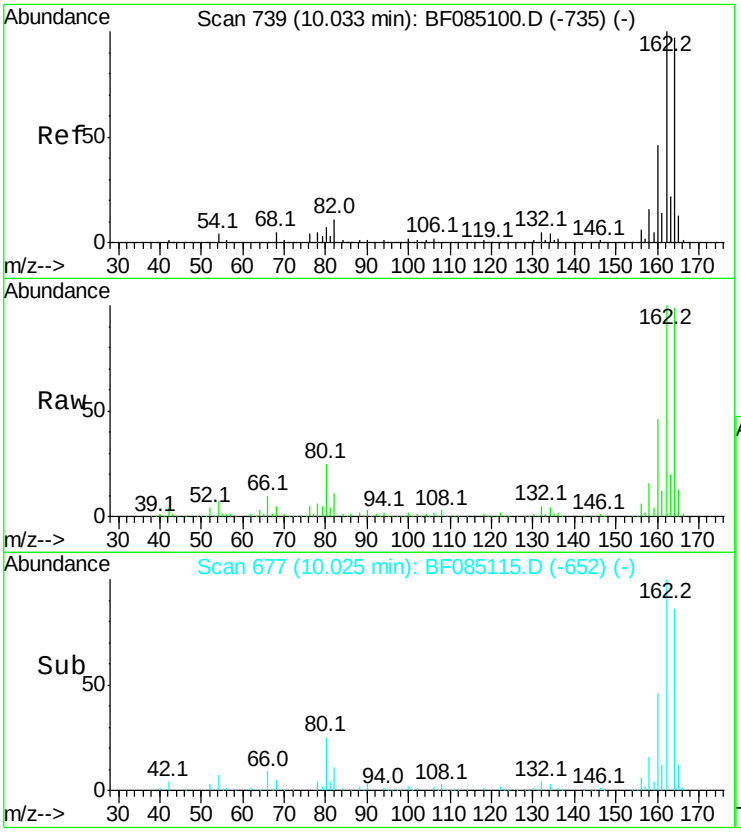


#37
2-Methylnaphthalene
Concen: 0.28 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:142 Resp: 5840

Ion	Ratio	Lower	Upper
142	100		
141	81.8	71.7	107.5
115	36.6	30.1	45.1



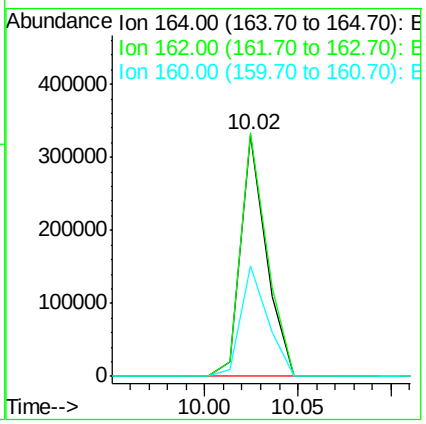


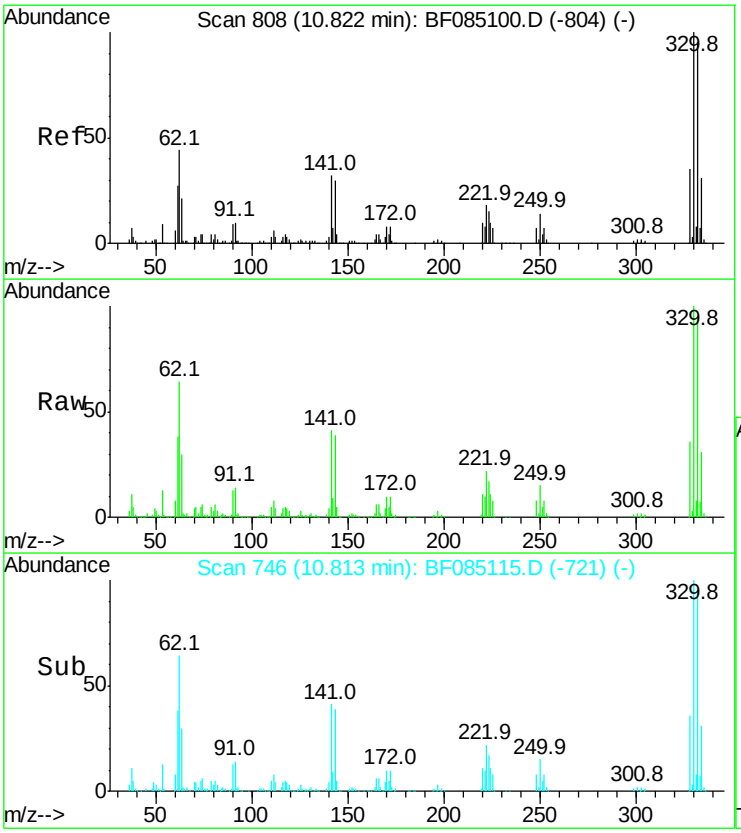
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 315241

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	46.0	38.2	57.2

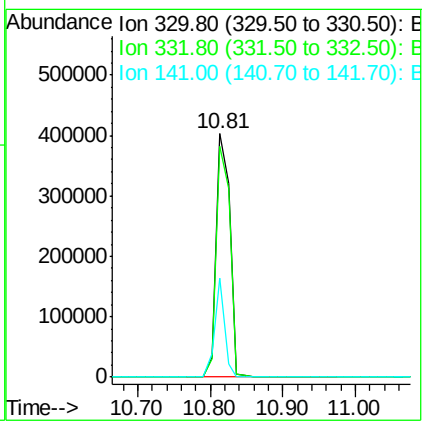


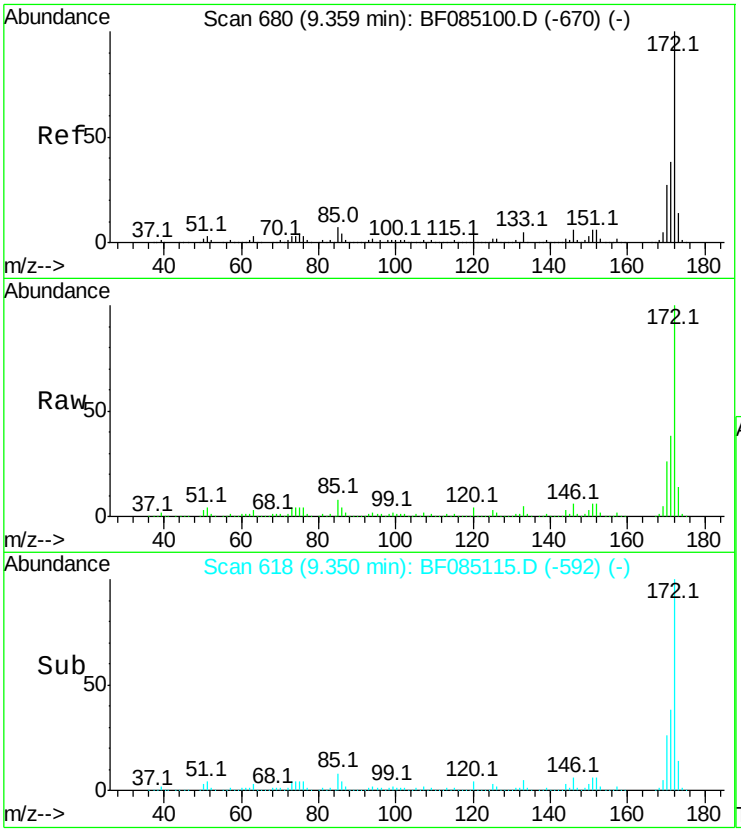


#41
2,4,6-Tribromophenol
Concen: 166.36 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:330 Resp: 527018

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	29.9	28.9	43.3



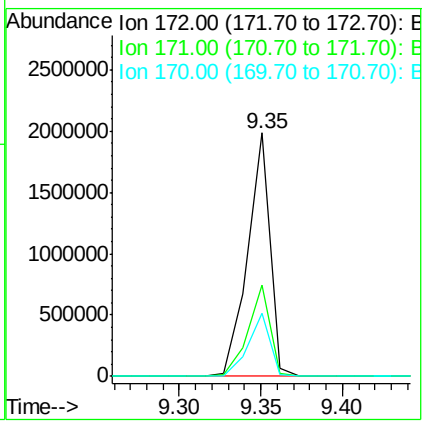


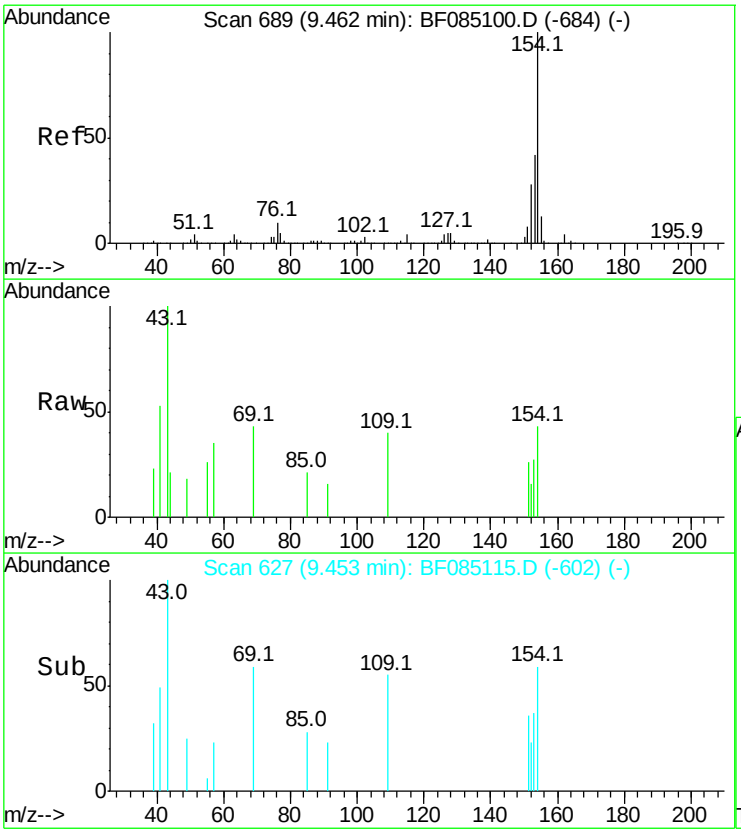
#44
2-Fluorobiphenyl
Concen: 88.47 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1893617

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	26.1	21.2	31.8

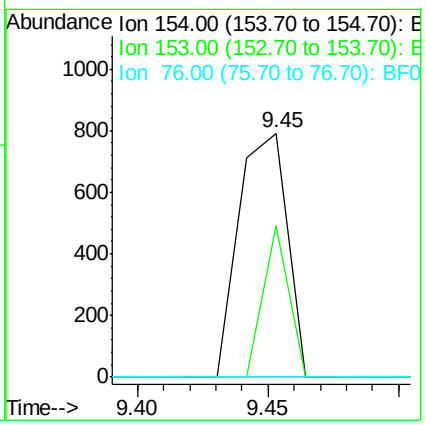


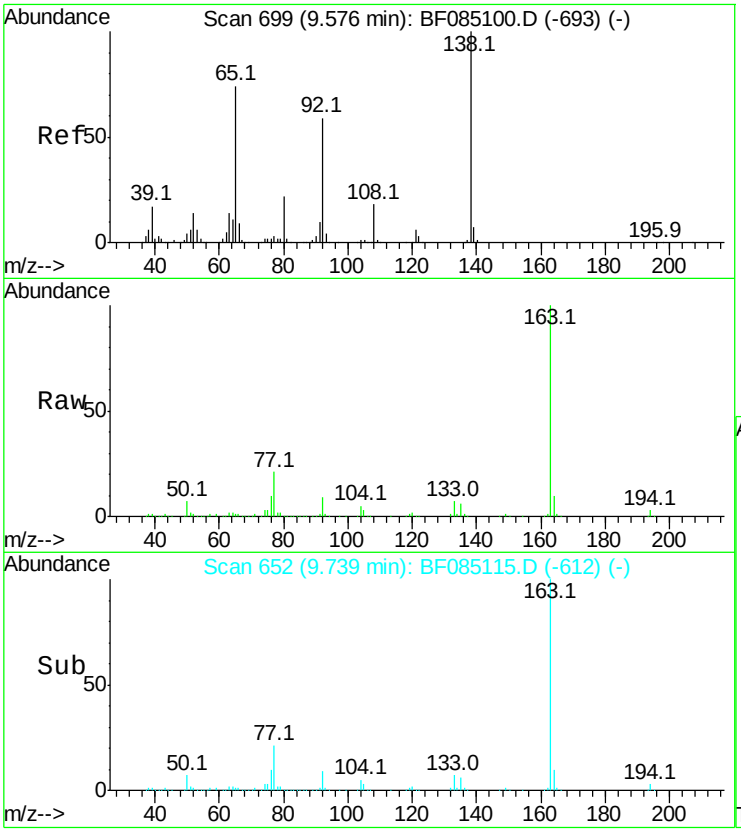


#45
1,1'-Biphenyl
Concen: 0.04 ng
RT: 9.45 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:154 Resp: 1032

Ion	Ratio	Lower	Upper
154	100		
153	62.3	21.5	61.5#
76	0.0	0.0	29.7



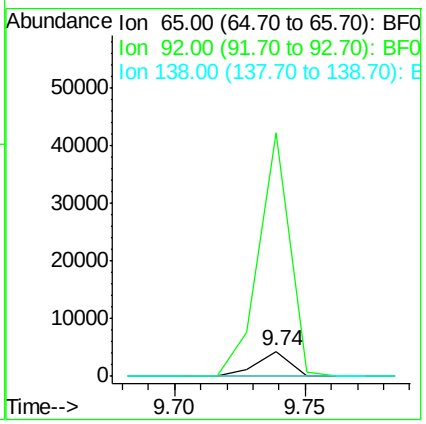


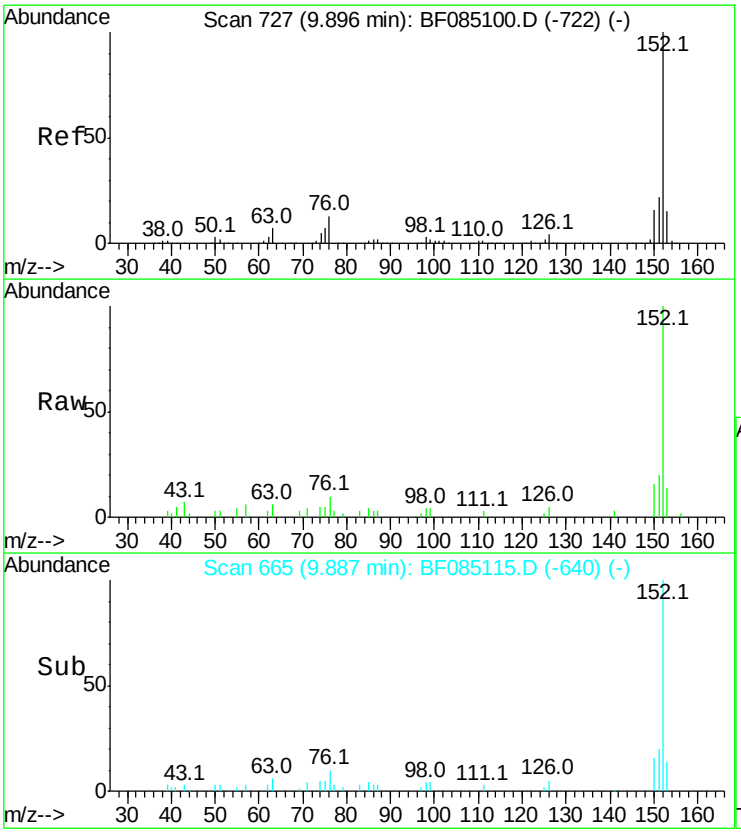
#47
2-Nitroaniline
Concen: 0.59 ng
RT: 9.74 min Scan# 652
Delta R.T. 0.16 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 3757

Ion	Ratio	Lower	Upper
65	100		
92	980.6	63.8	95.6#
138	0.0	108.5	162.7#

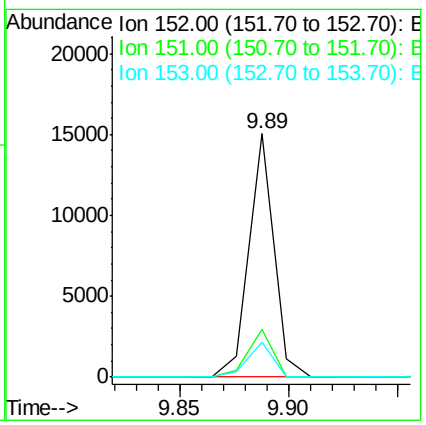


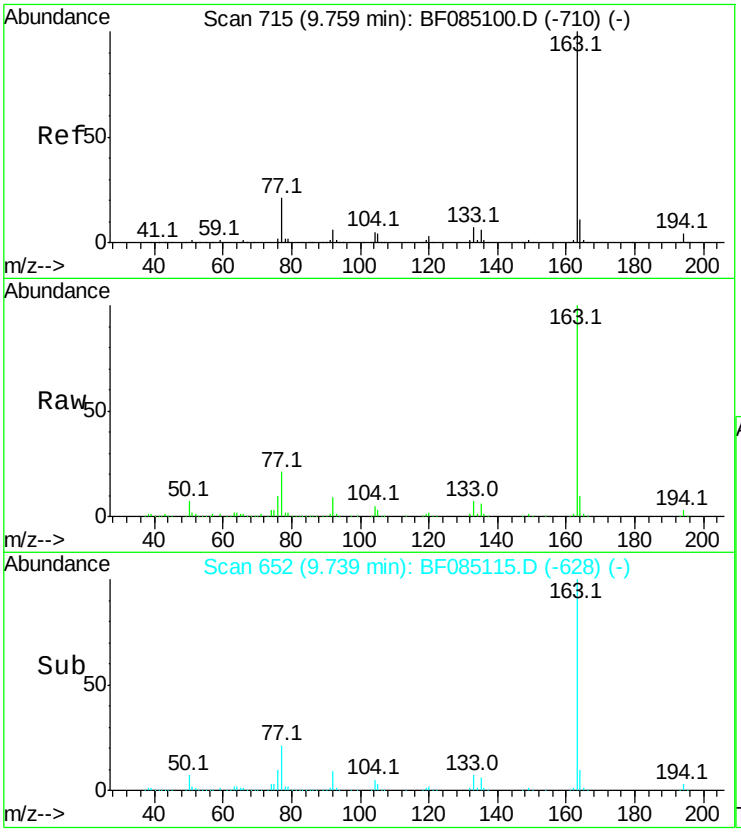


#48
Acenaphthylene
Concen: 0.39 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:152 Resp: 11976

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.4	26.0
153	14.3	12.0	18.0



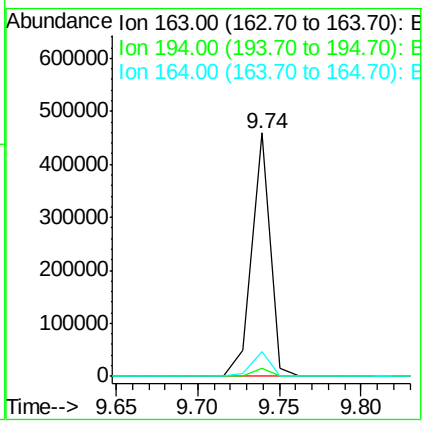


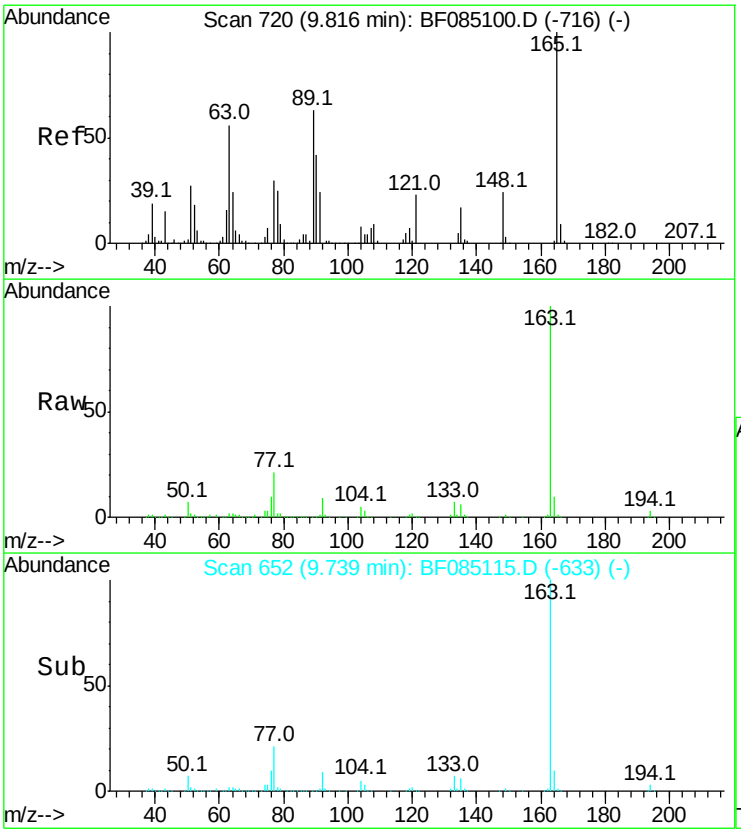
#49
Dimethylphthalate
Concen: 15.39 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 359689

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	9.9	8.6	12.8

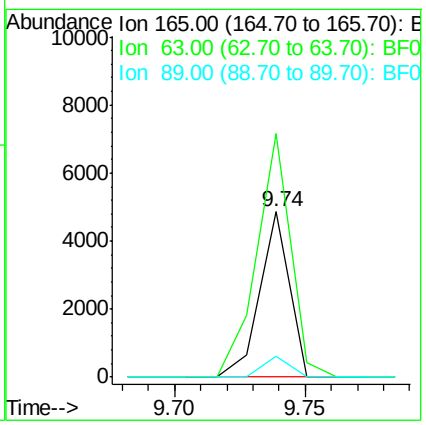


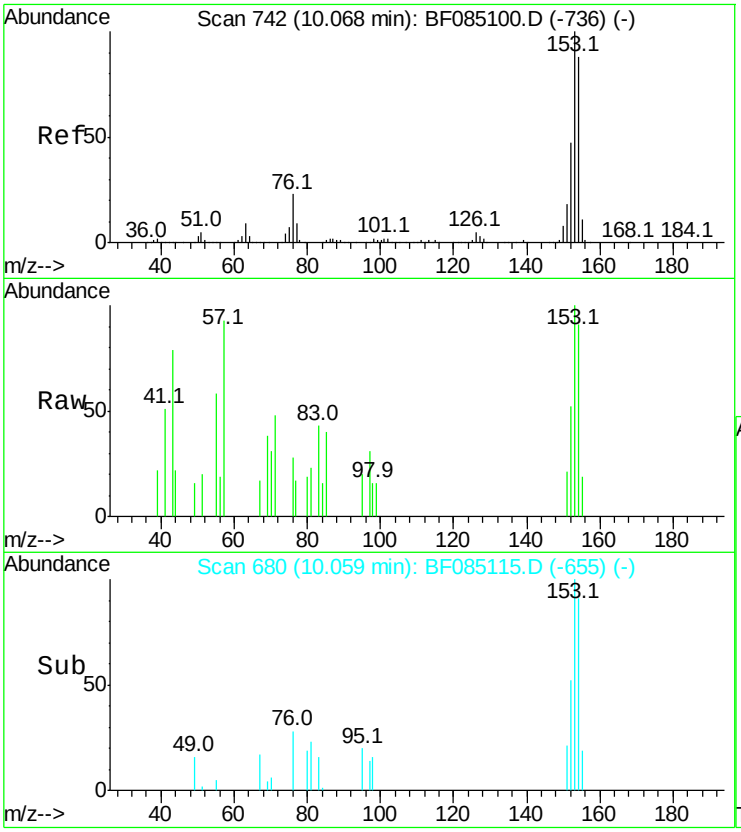


#50
2,6-Dinitrotoluene
Concen: 0.78 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:165 Resp: 3789

Ion	Ratio	Lower	Upper
165	100		
63	147.4	47.4	71.2#
89	12.5	50.2	75.2#



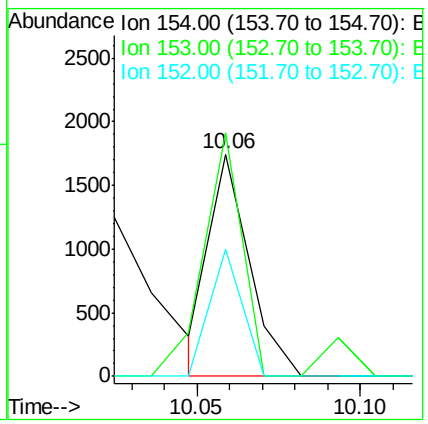


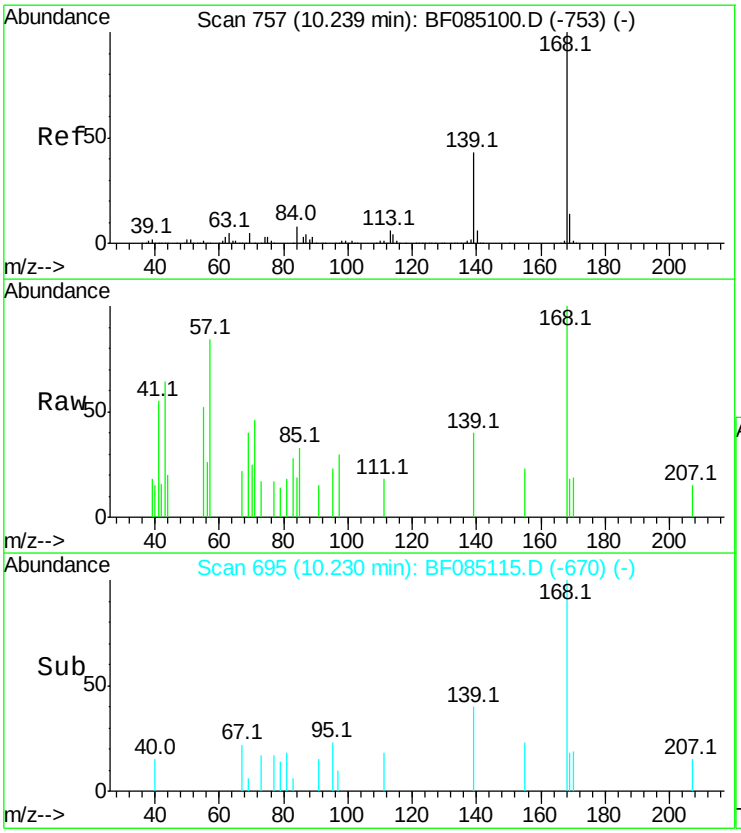
#51
Acenaphthene
Concen: 0.08 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1467

Ion	Ratio	Lower	Upper
154	100		
153	109.4	91.0	136.6
152	57.3	43.0	64.6

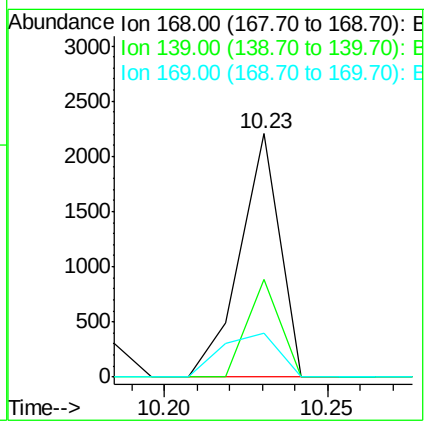


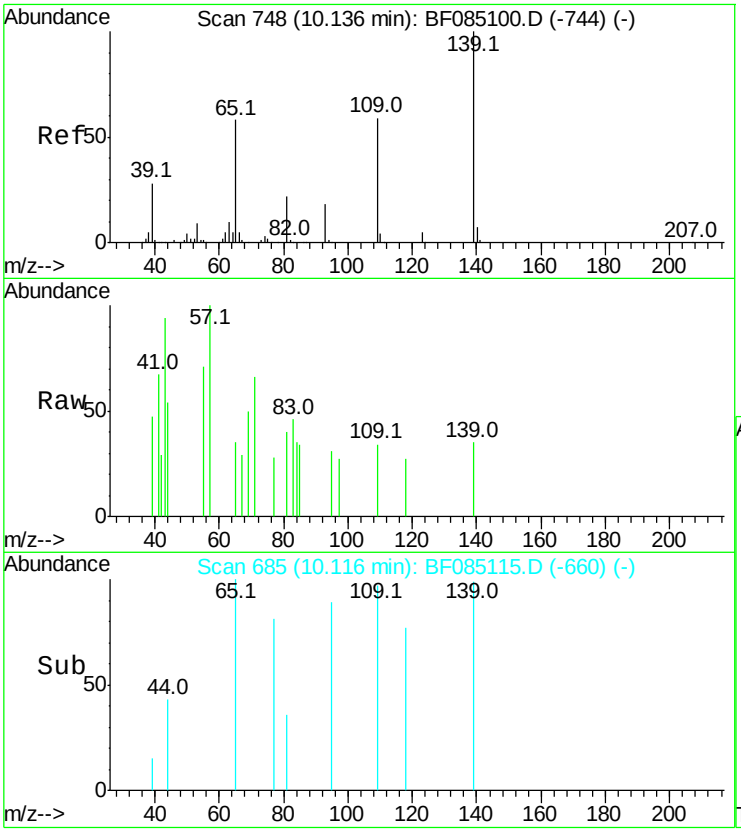


#54
Dibenzofuran
Concen: 0.07 ng
RT: 10.23 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:168 Resp: 1852

Ion	Ratio	Lower	Upper
168	100		
139	40.2	34.2	51.2
169	18.1	11.4	17.2#



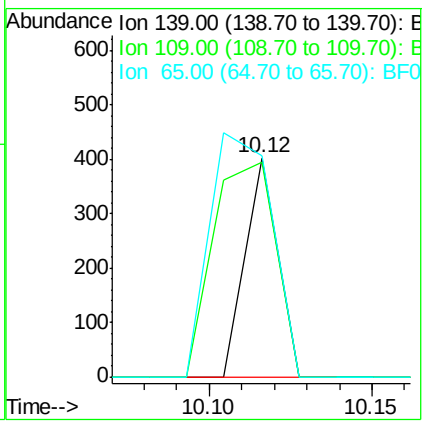


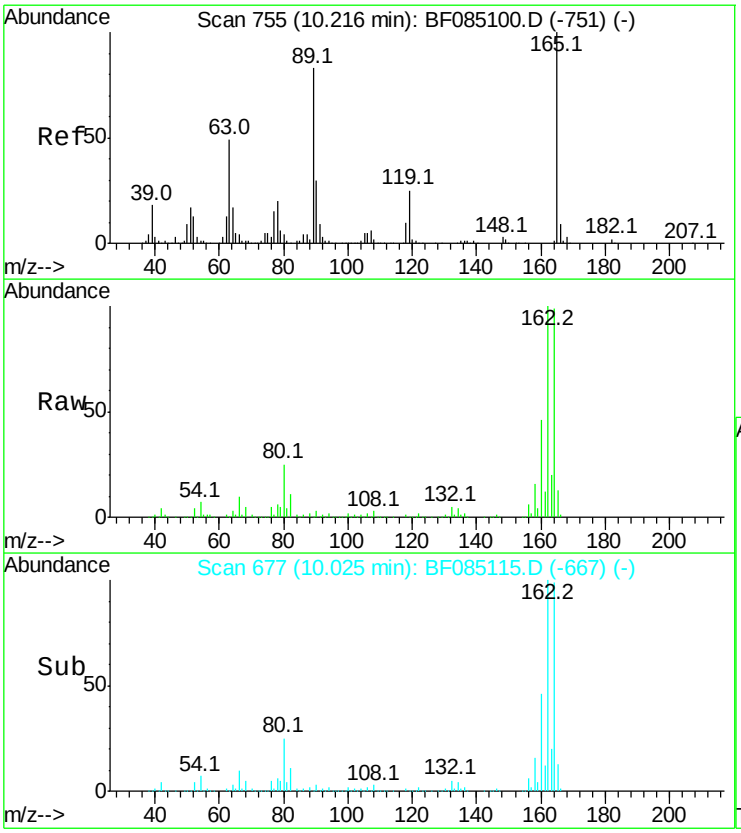
#55
4-Nitrophenol
Concen: 0.06 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 276

Ion	Ratio	Lower	Upper
139	100		
109	97.8	39.5	79.5#
65	100.7	38.4	78.4#

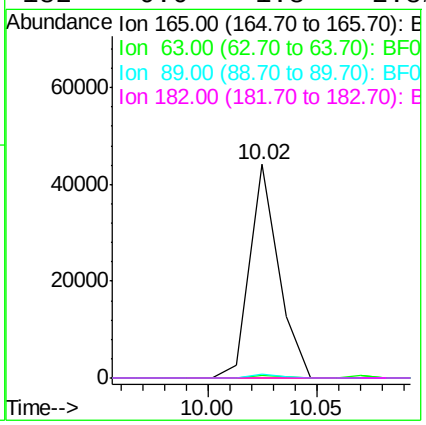


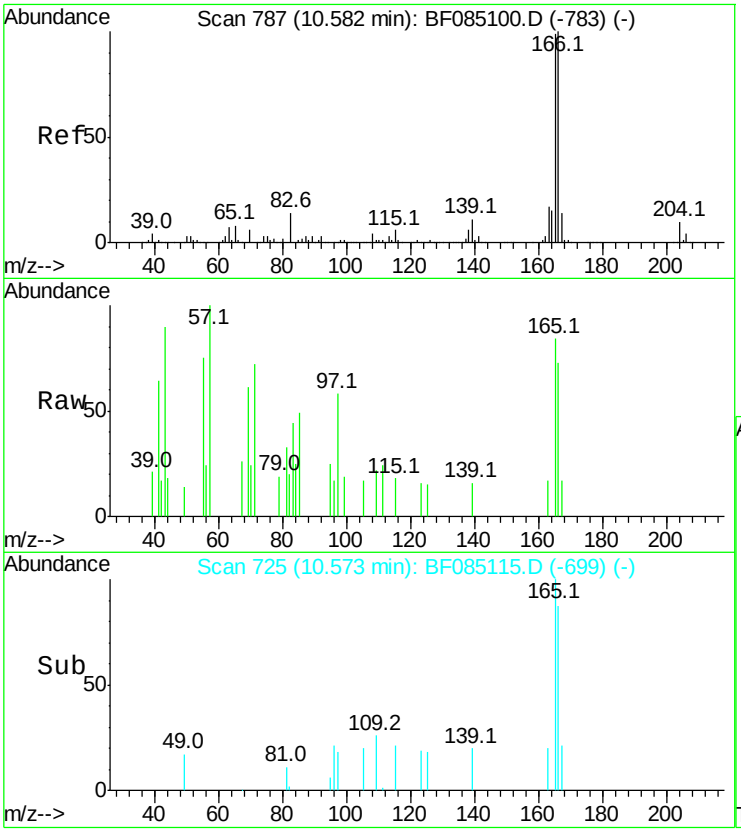


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:165 Resp: 40936

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.2	58.8#
89	2.0	66.2	99.4#
182	0.0	1.8	2.8#



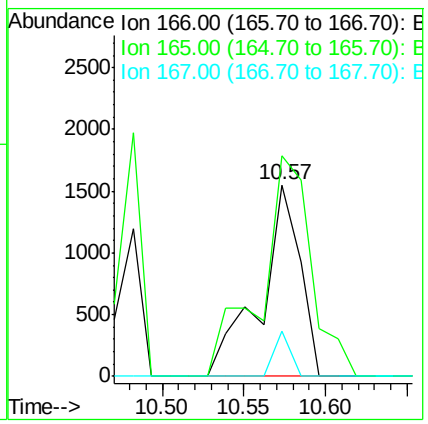


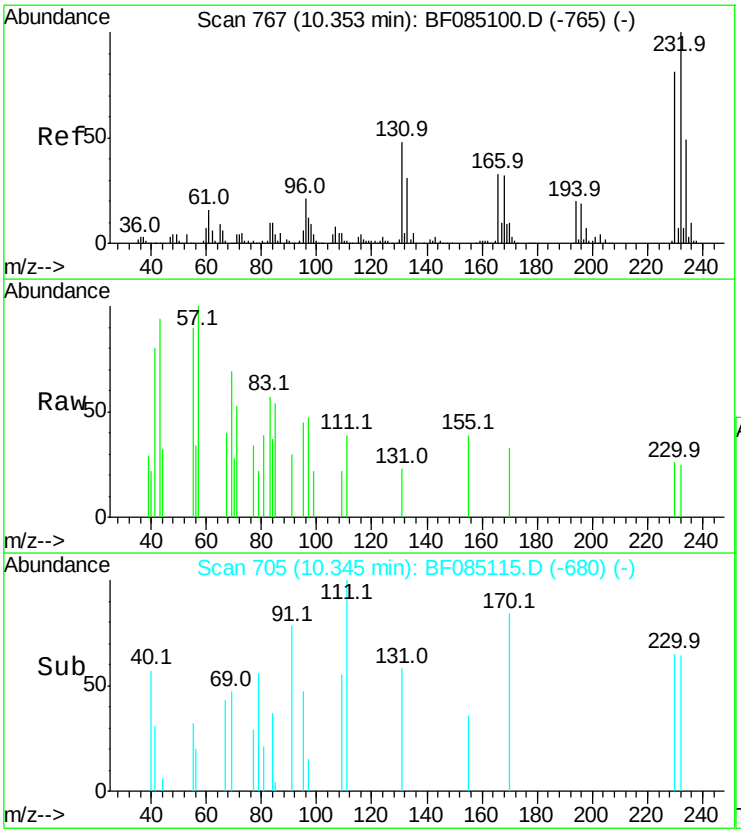
#57
Fluorene
Concen: 0.13 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 2606

Ion	Ratio	Lower	Upper
166	100		
165	115.3	79.4	119.2
167	23.8	11.2	16.8#

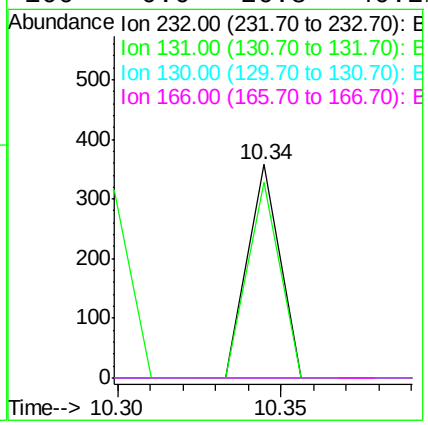


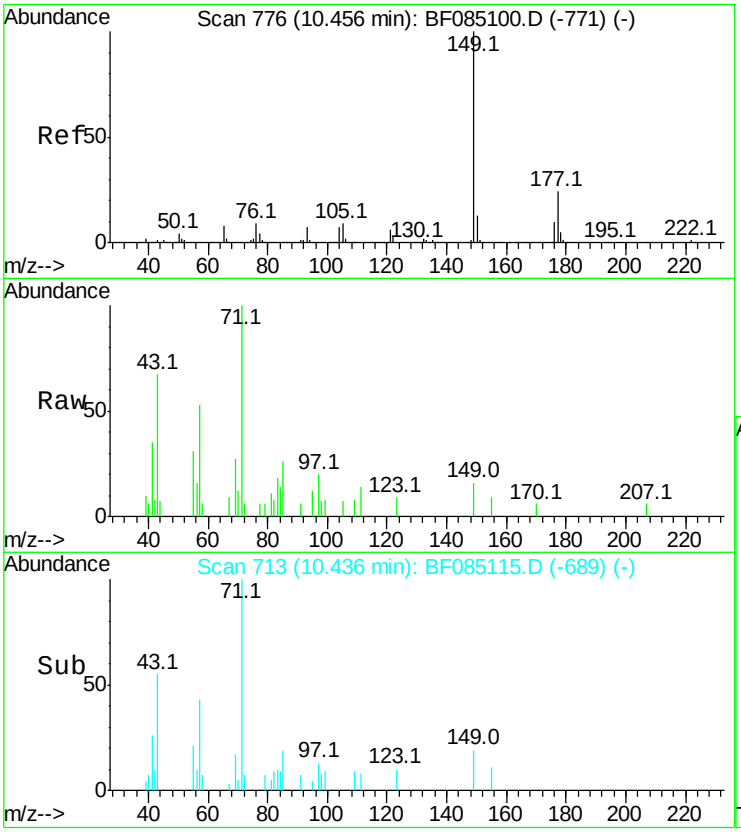


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.05 ng
RT: 10.34 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:232 Resp: 245

Ion	Ratio	Lower	Upper
232	100		
131	91.8	41.6	62.4#
130	0.0	2.1	3.1#
166	0.0	26.8	40.2#



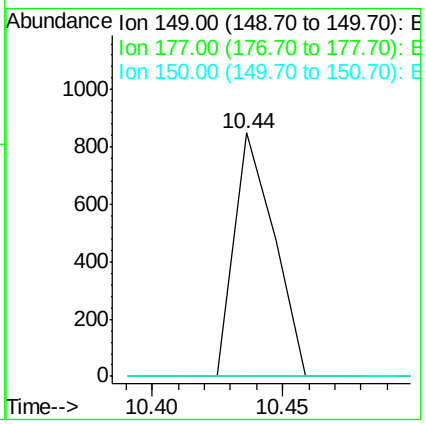


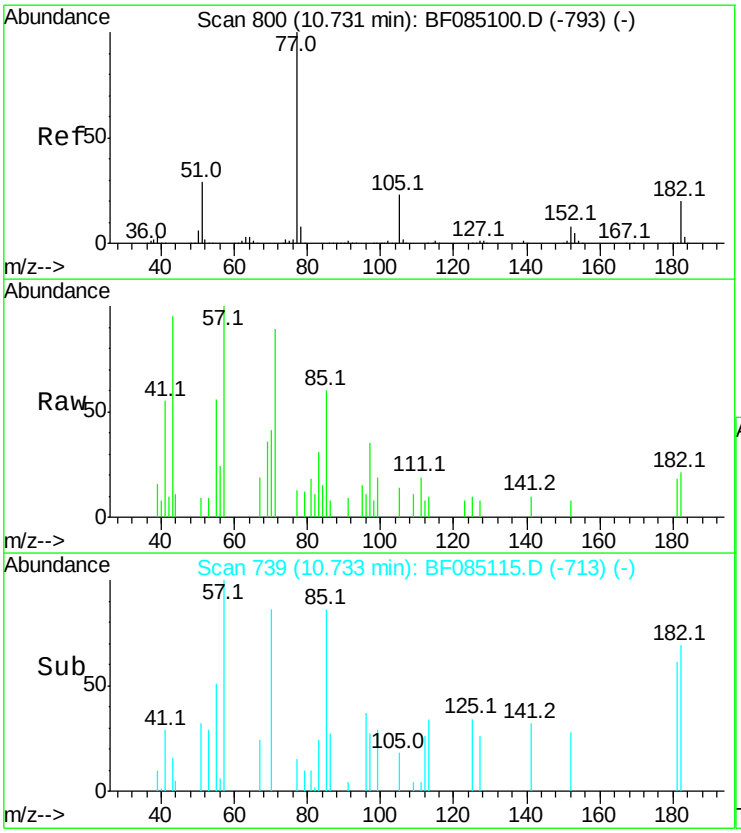
#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 907

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.4	29.2#
150	0.0	10.1	15.1#

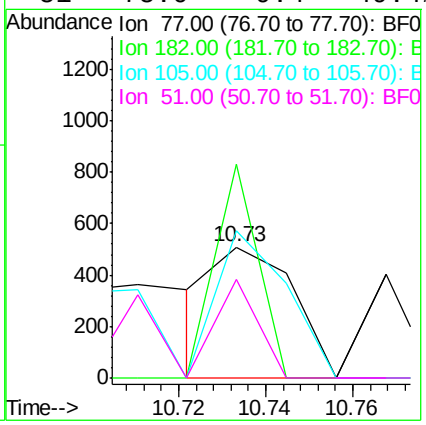


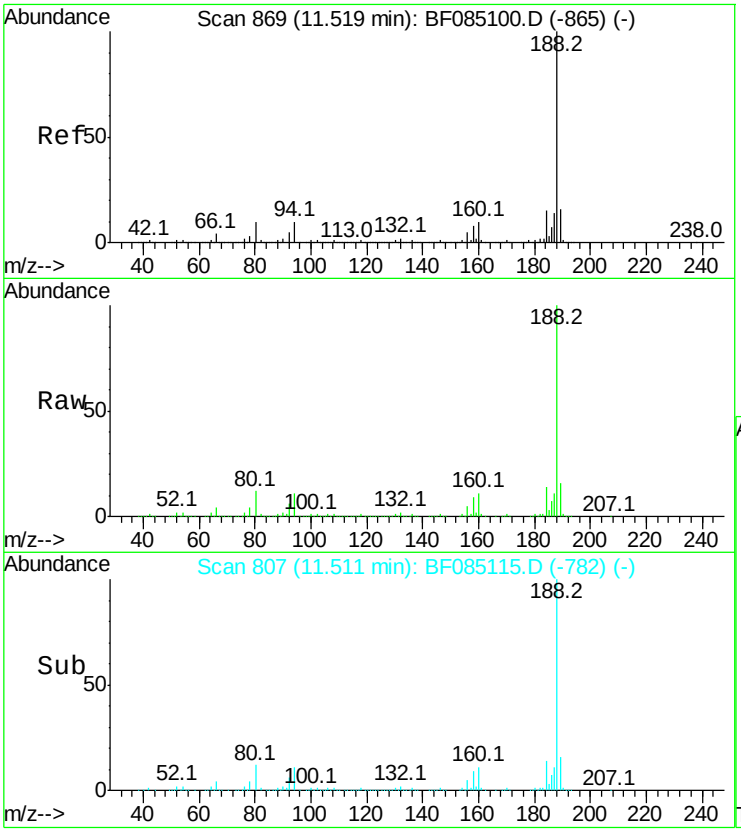


#62
Azobenzene
Concen: 0.03 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion: 77 Resp: 627

Ion	Ratio	Lower	Upper
77	100		
182	163.4	0.0	39.8#
105	112.6	2.7	42.7#
51	75.0	9.4	49.4#



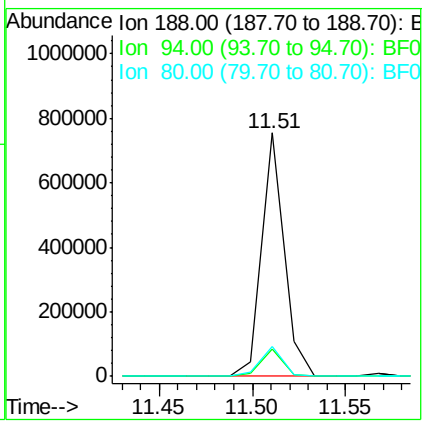


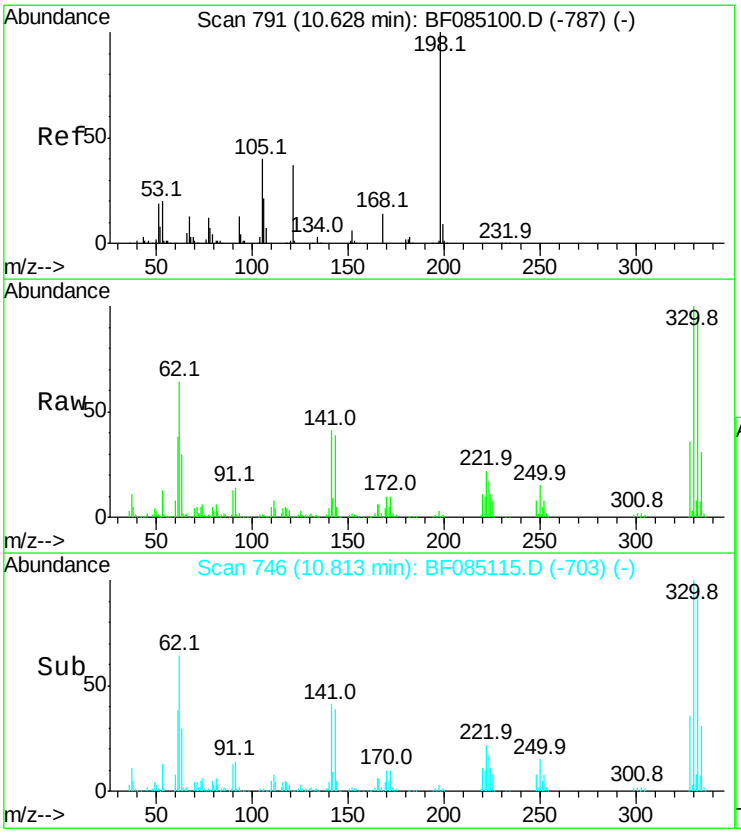
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 626523

Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.8	11.6
80	12.5	8.2	12.4#

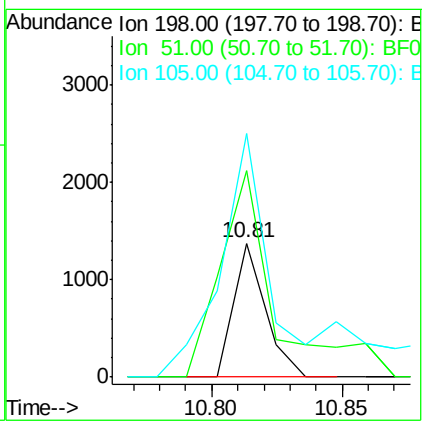


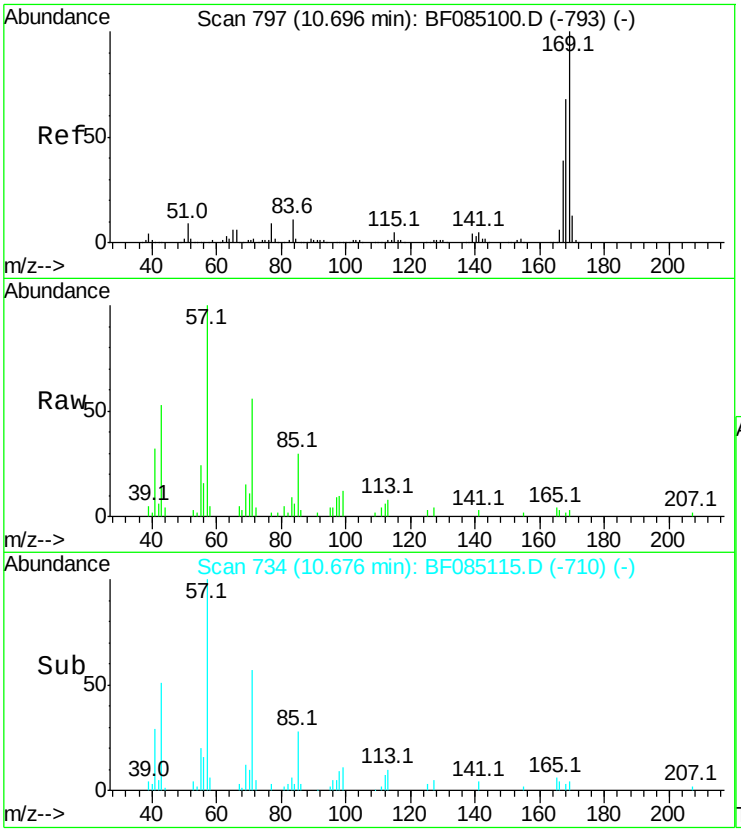


#64
4,6-Dinitro-2-methylphenol
Concen: 7.47 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:198 Resp: 1175

Ion	Ratio	Lower	Upper
198	100		
51	154.1	12.5	52.5#
105	181.6	20.2	60.2#



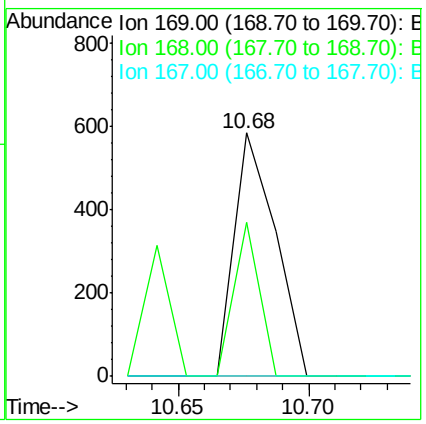


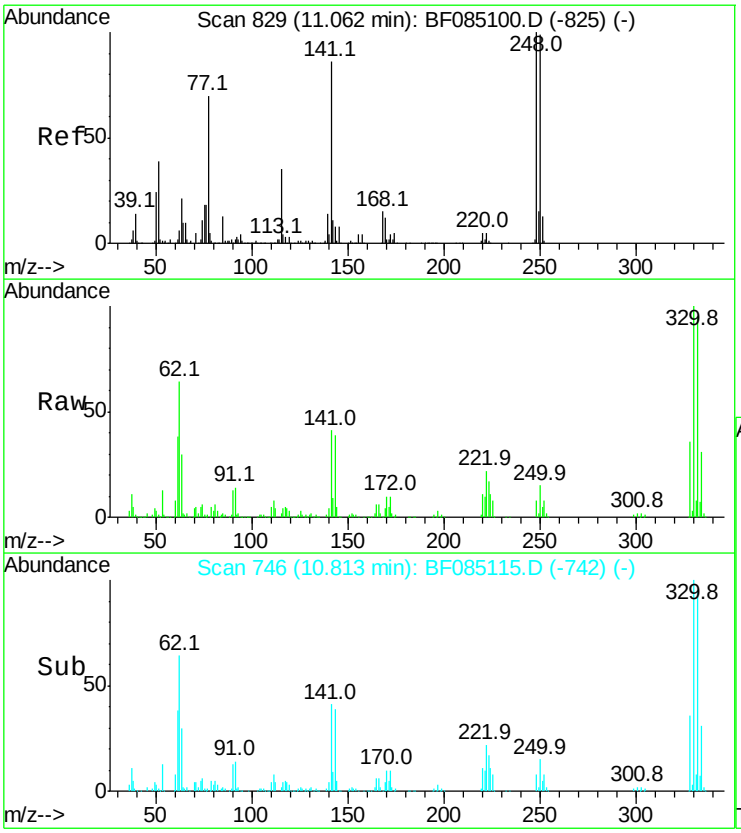
#65
n-Nitrosodiphenylamine
Concen: 0.03 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 638

Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.6	81.8
167	0.0	30.8	46.2#

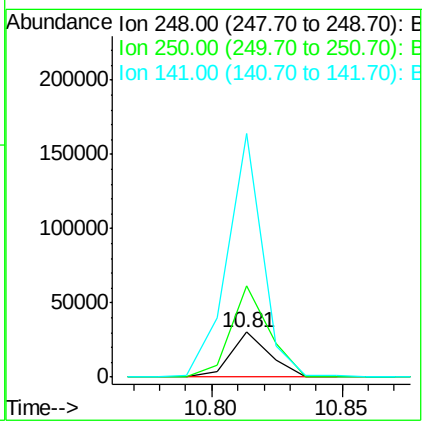


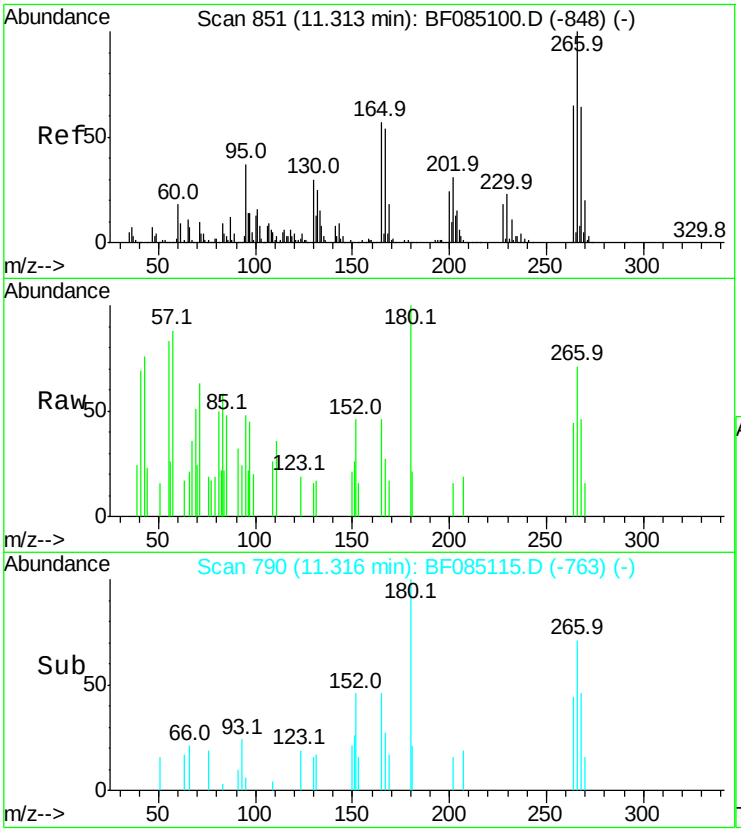


#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:248 Resp: 31082

Ion	Ratio	Lower	Upper
248	100		
250	203.2	79.0	118.4#
141	539.4	68.6	103.0#



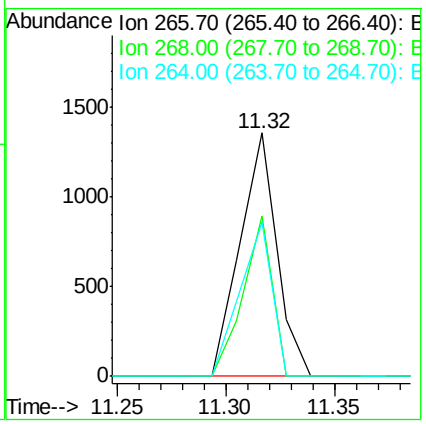


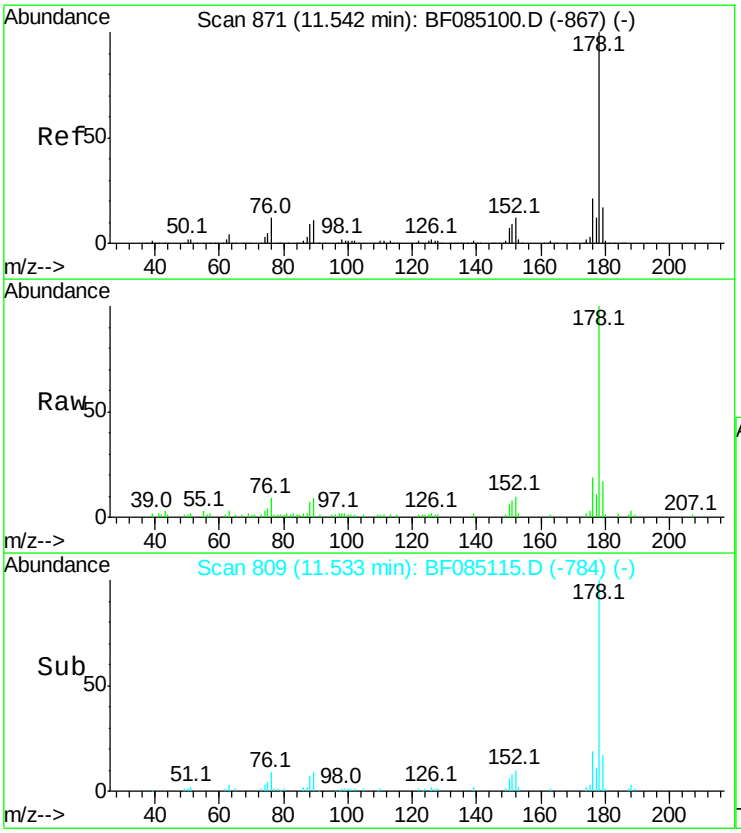
#69
Pentachlorophenol
Concen: 0.36 ng
RT: 11.32 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 1583

Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.0	76.6
264	63.0	52.3	78.5

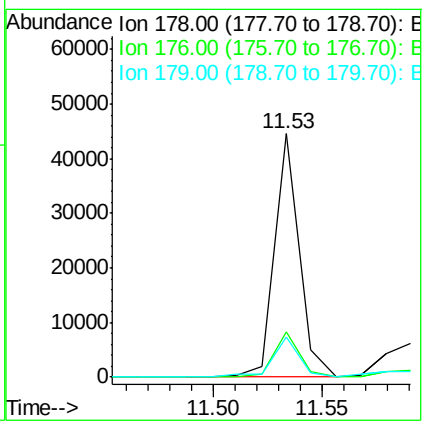


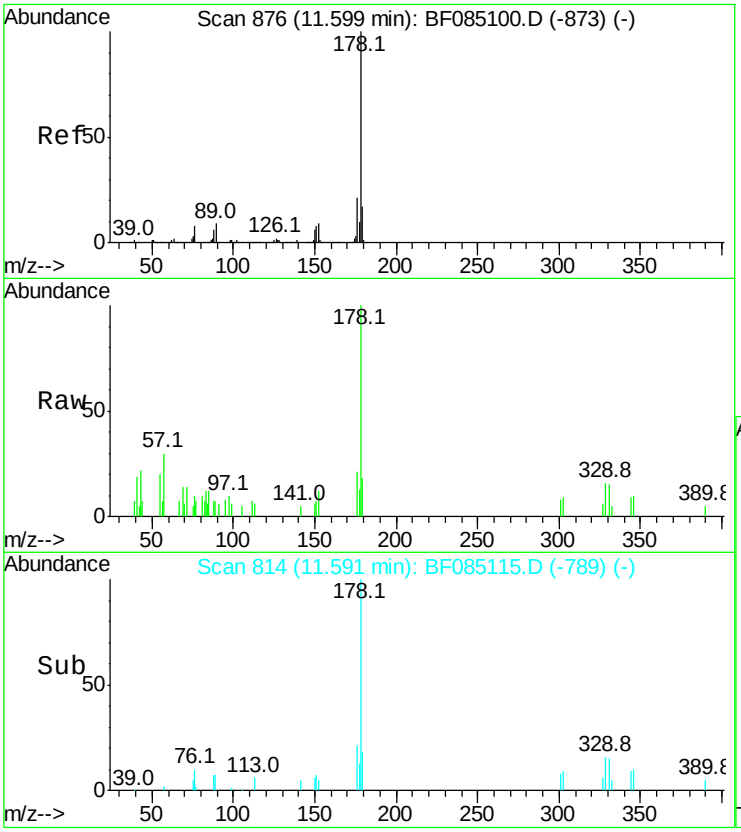


#70
Phenanthrene
Concen: 1.15 ng
RT: 11.53 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:178 Resp: 35723

Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.0	25.6
179	16.5	13.3	19.9



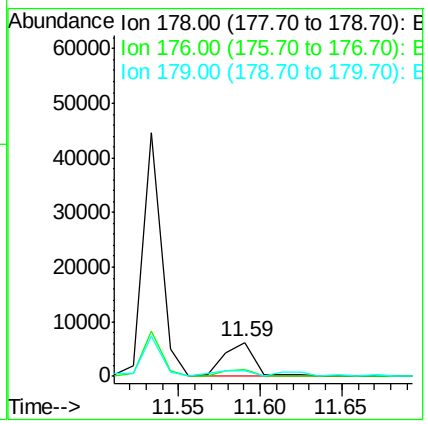


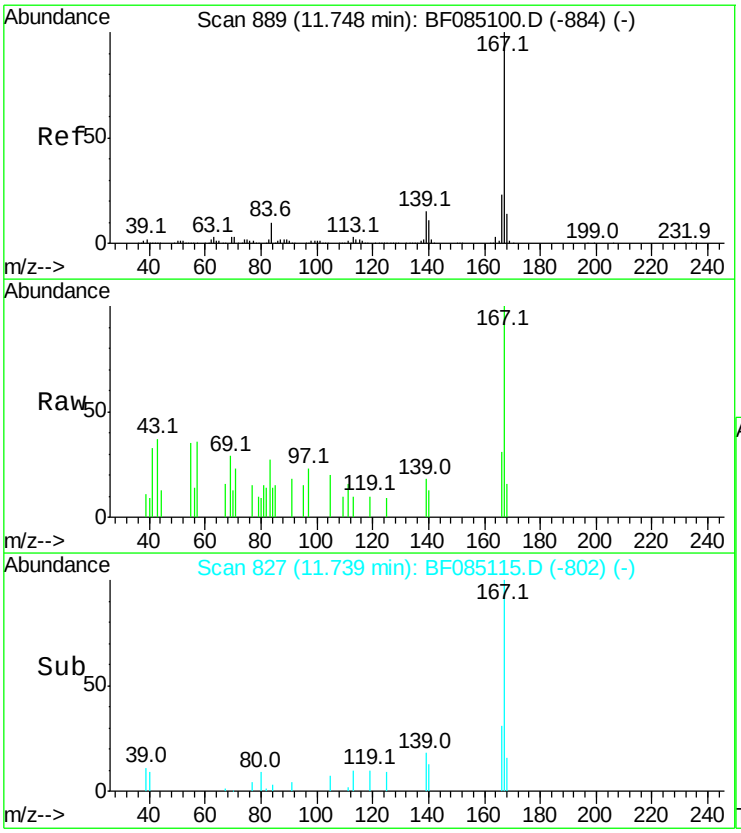
#71
Anthracene
Concen: 0.24 ng
RT: 11.59 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 8345

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	25.0
179	17.9	13.2	19.8

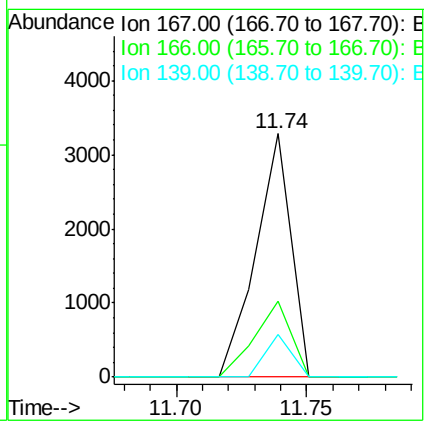


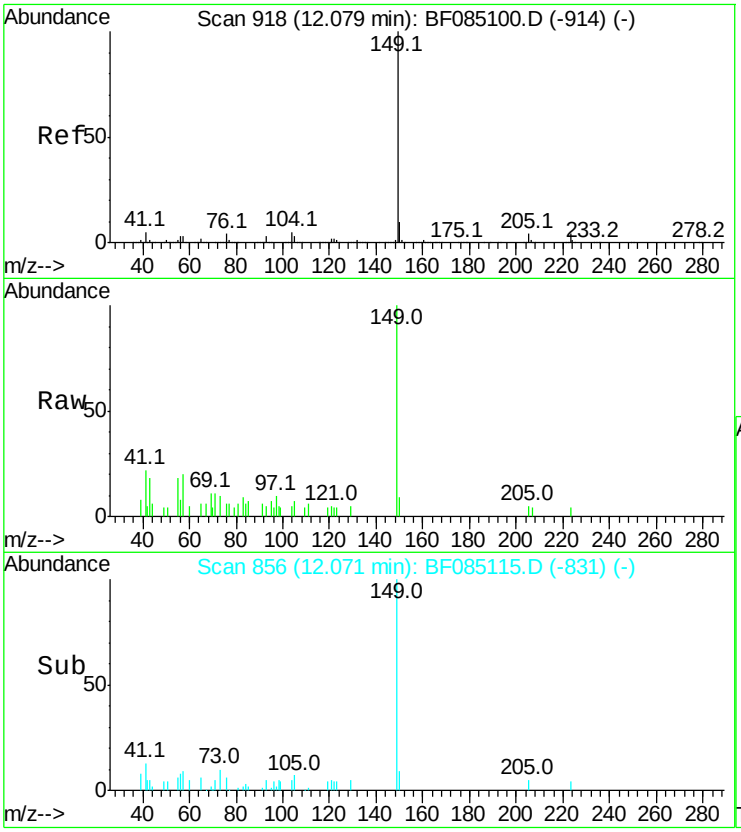


#72
Carbazole
Concen: 0.10 ng
RT: 11.74 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:167 Resp: 3061

Ion	Ratio	Lower	Upper
167	100		
166	31.0	18.6	28.0#
139	17.5	11.8	17.8



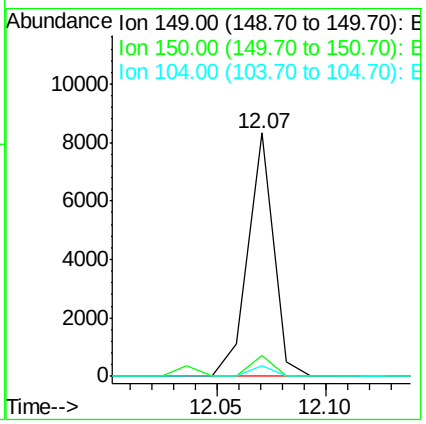


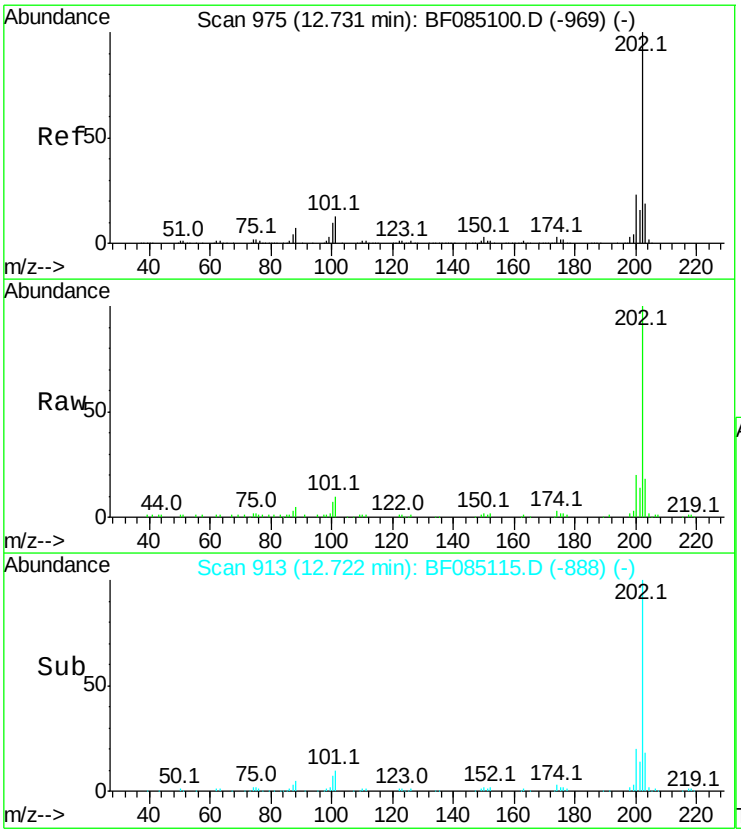
#73
Di-n-butylphthalate
Concen: 0.19 ng
RT: 12.07 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 6819

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.5	3.7	5.5

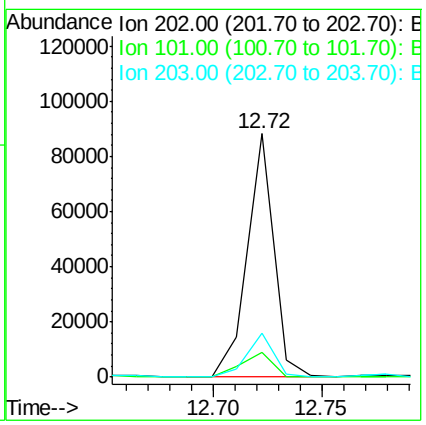


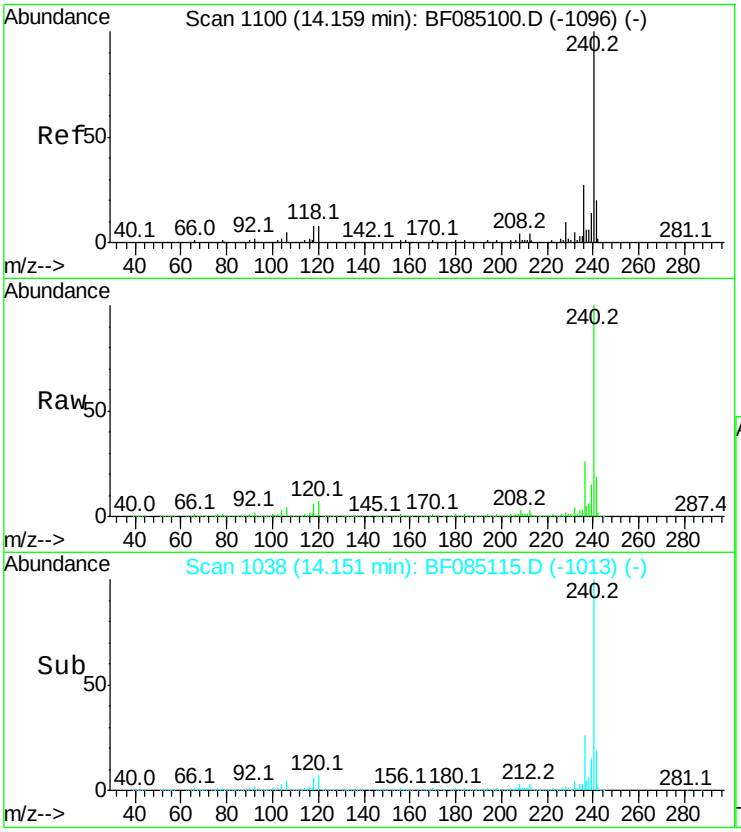


#74
Fluoranthene
Concen: 2.20 ng
RT: 12.72 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:202 Resp: 75109

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.2
203	17.8	0.0	38.6



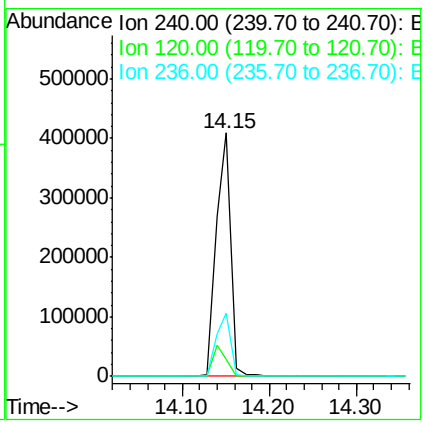


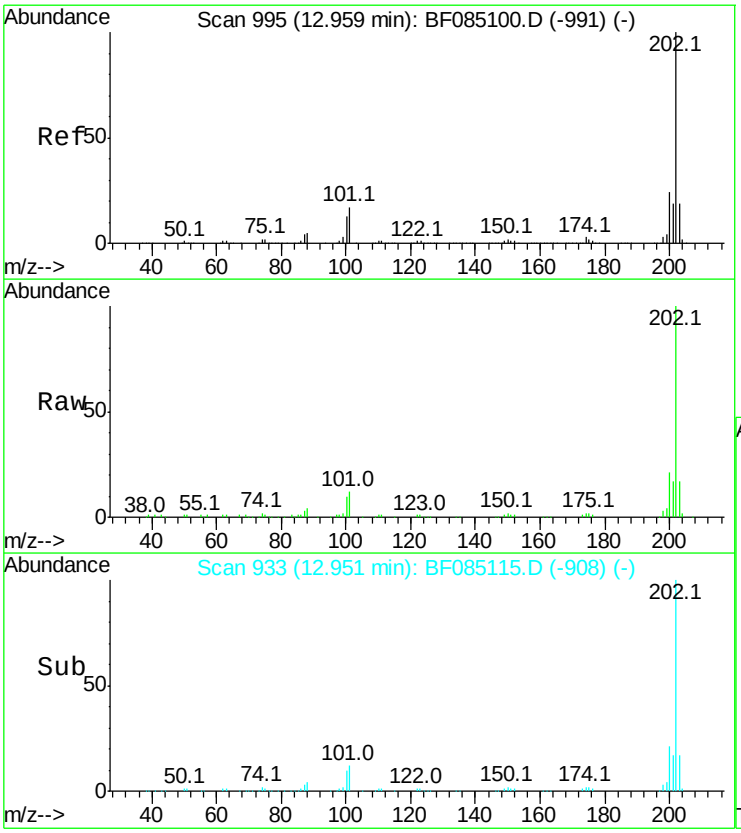
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 485496

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.7	10.1
236	25.9	21.6	32.4

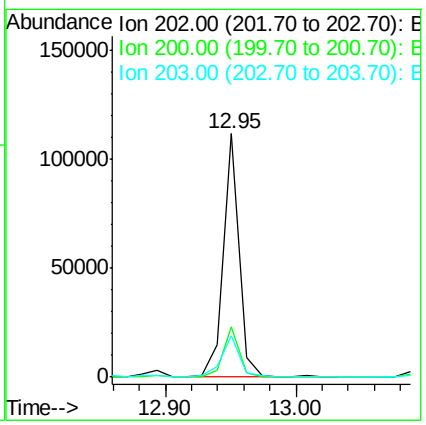


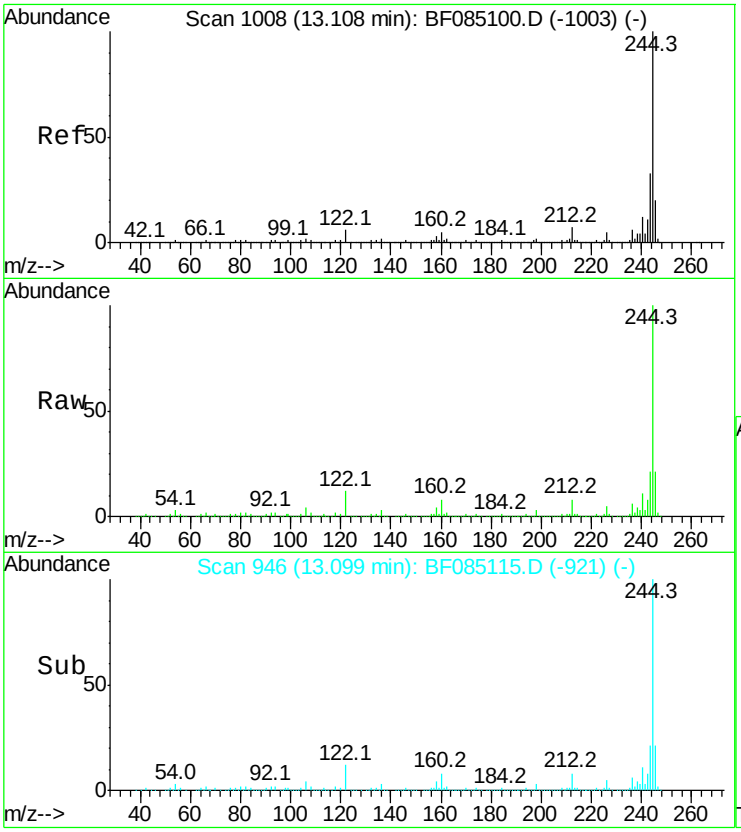


#77
Pyrene
Concen: 2.88 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:202 Resp: 95475

Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.0	28.6
203	17.0	15.0	22.6



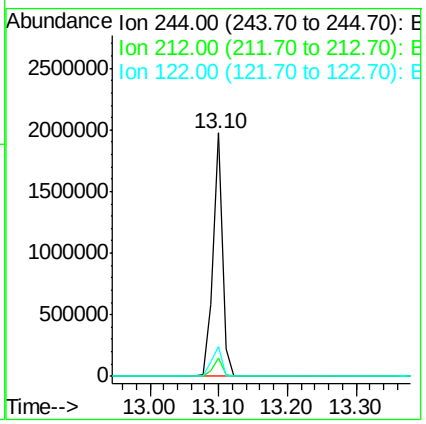


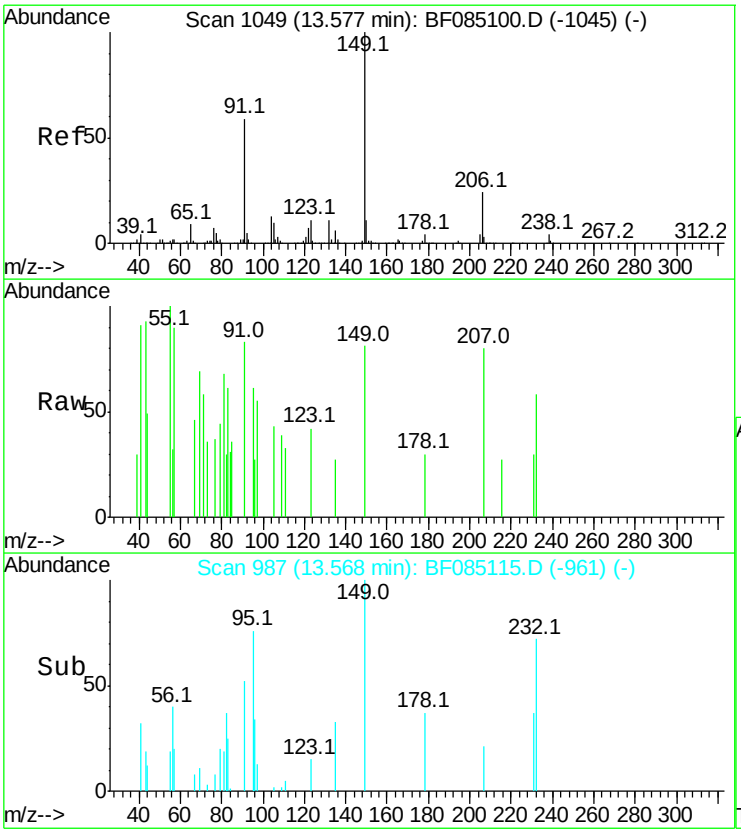
#78
Terphenyl-d14
Concen: 93.14 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1927598

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	12.0	5.1	7.7#

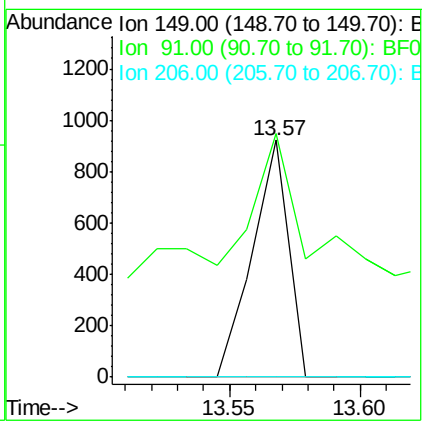


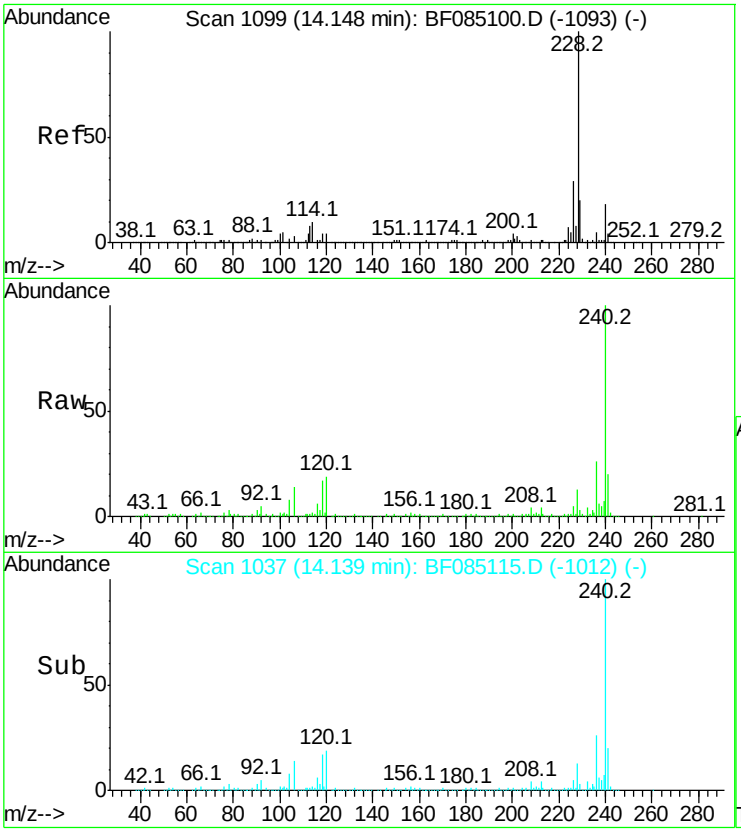


#79
Butylbenzylphthalate
Concen: 0.06 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:149 Resp: 895

Ion	Ratio	Lower	Upper
149	100		
91	102.7	46.9	70.3#
206	0.0	19.0	28.6#



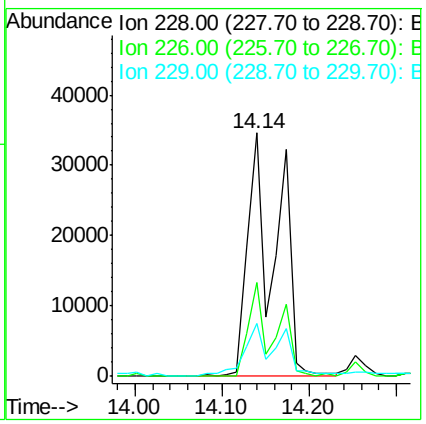


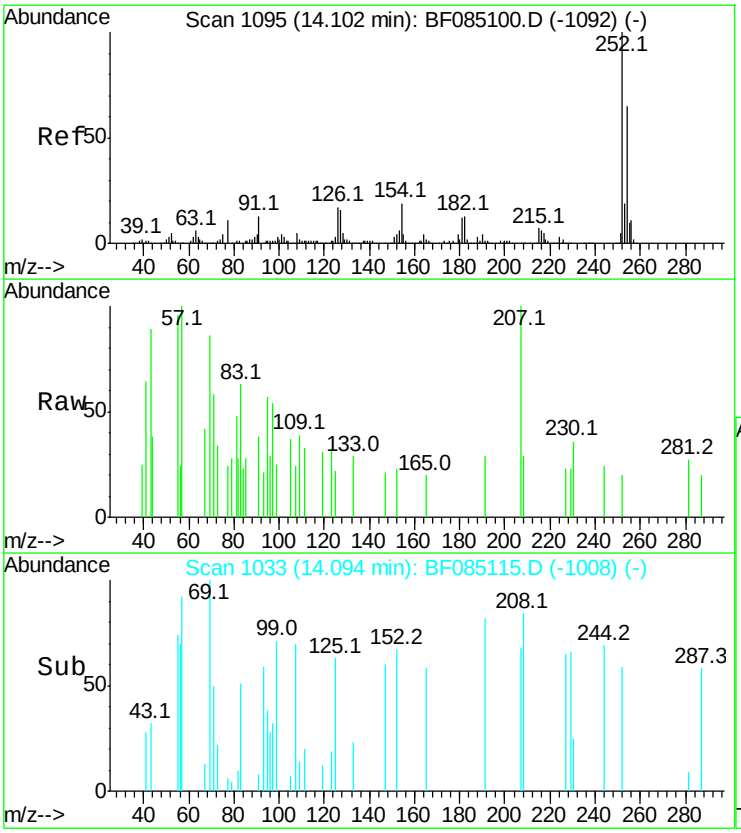
#80
Benzo(a)anthracene
Concen: 2.82 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 79619

Ion	Ratio	Lower	Upper
228	100		
226	38.4	23.0	34.4#
229	21.5	16.1	24.1

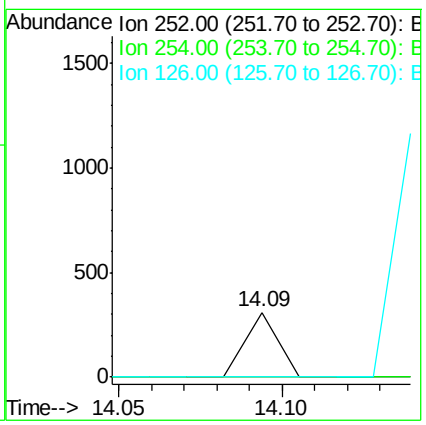


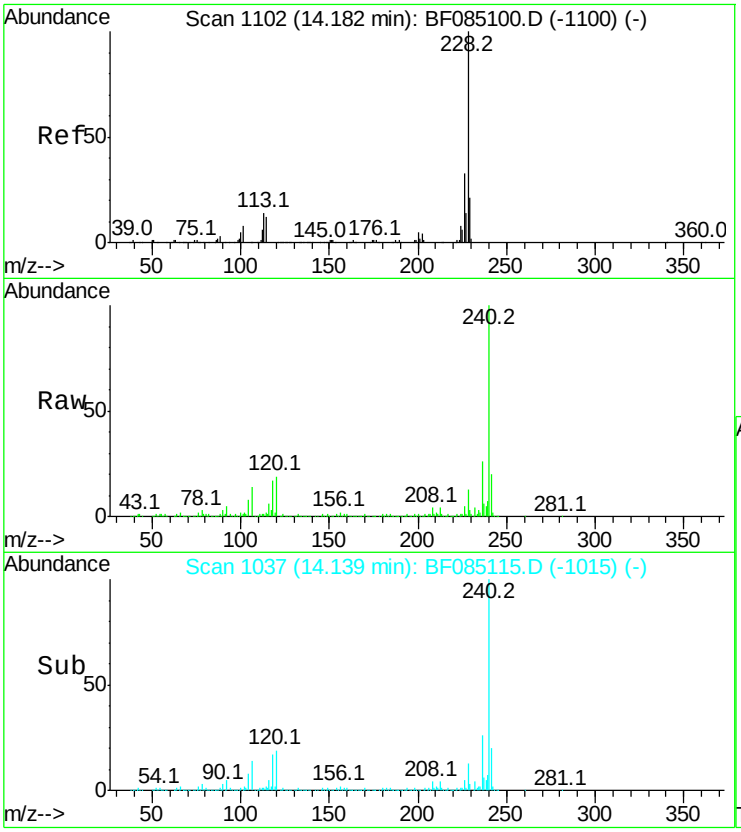


#81
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:252 Resp: 213

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



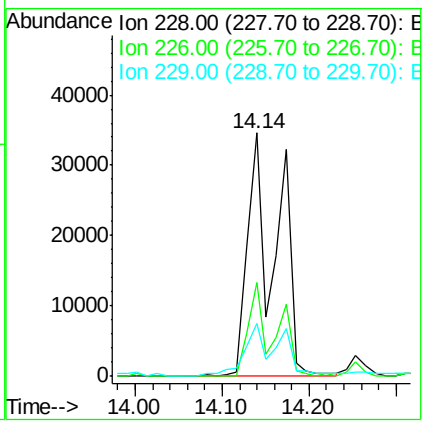


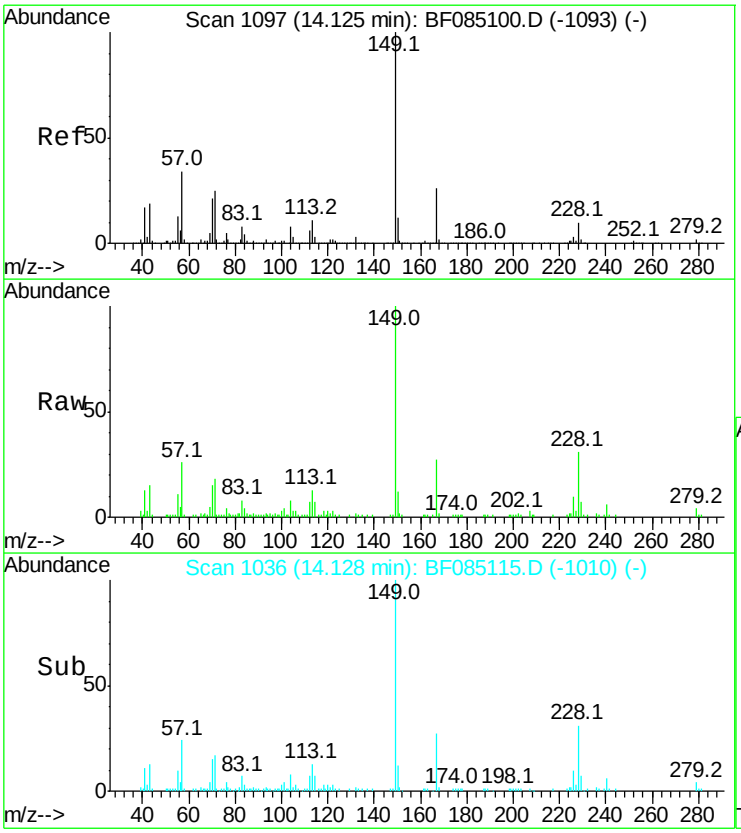
#82
Chrysene
Concen: 3.09 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.04 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 79619

Ion	Ratio	Lower	Upper
228	100		
226	38.4	26.2	39.4
229	21.5	16.5	24.7

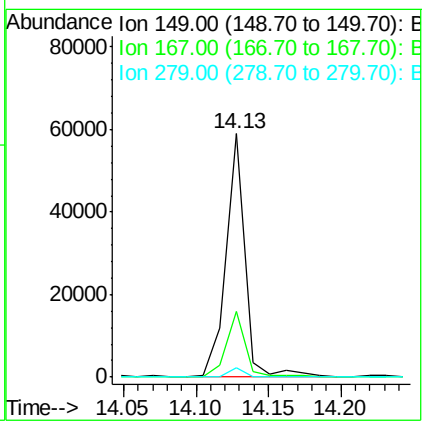


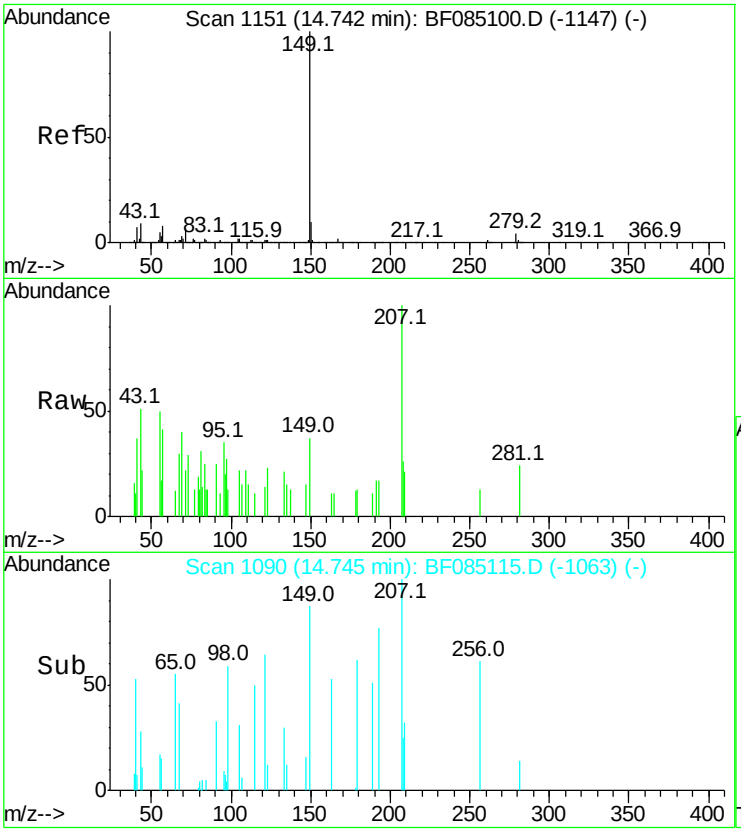


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.32 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:149 Resp: 53769

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.6	31.0
279	3.7	2.0	3.0#



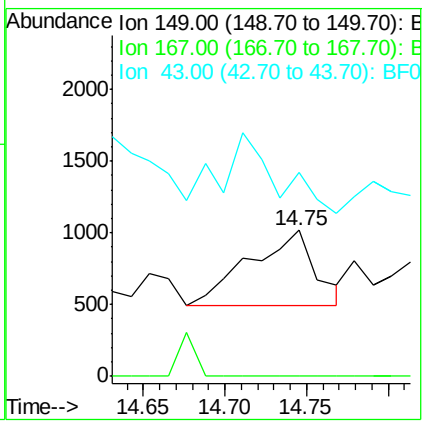


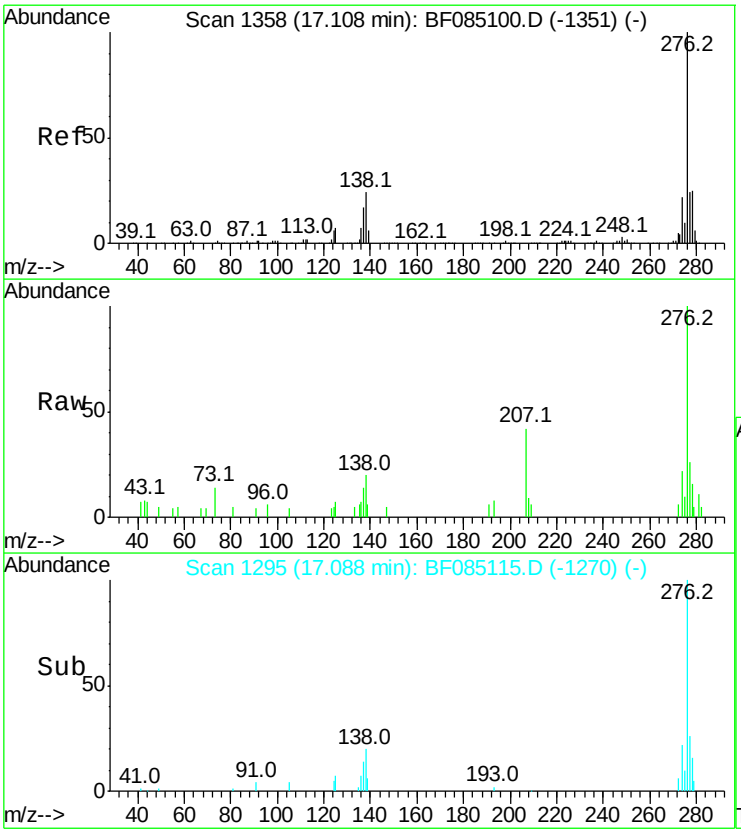
#84
Di-n-octyl phthalate
Concen: 0.06 ng
RT: 14.75 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1462

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	8.8	13.2#

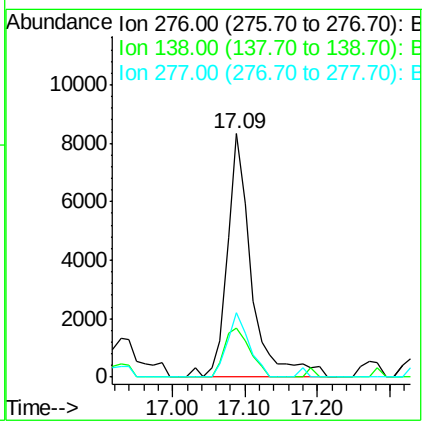


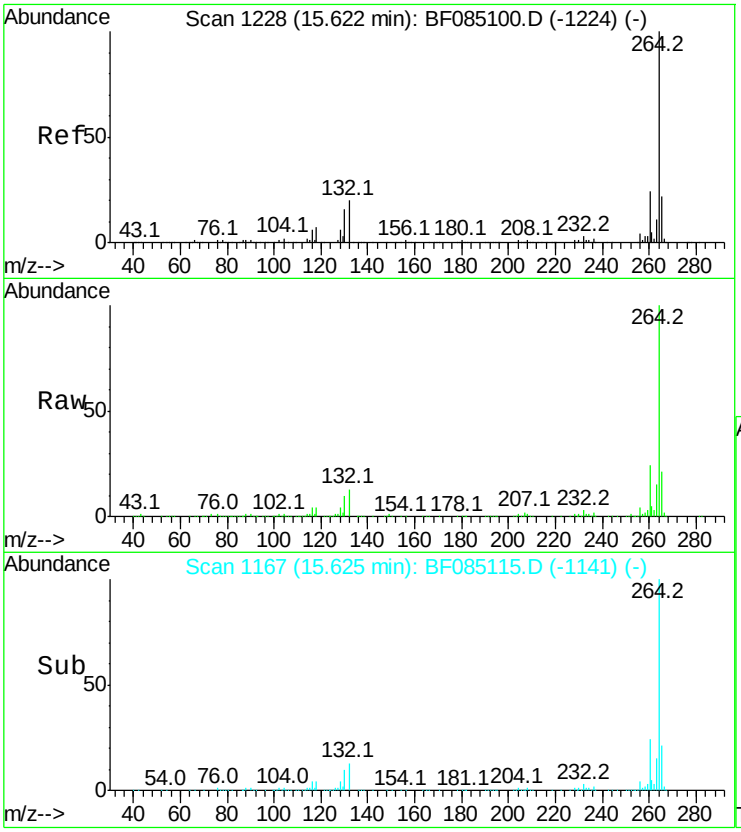


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.88 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:276 Resp: 19137

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.4	32.2
277	23.7	20.1	30.1



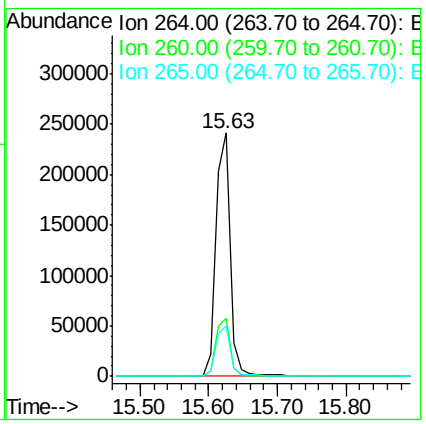


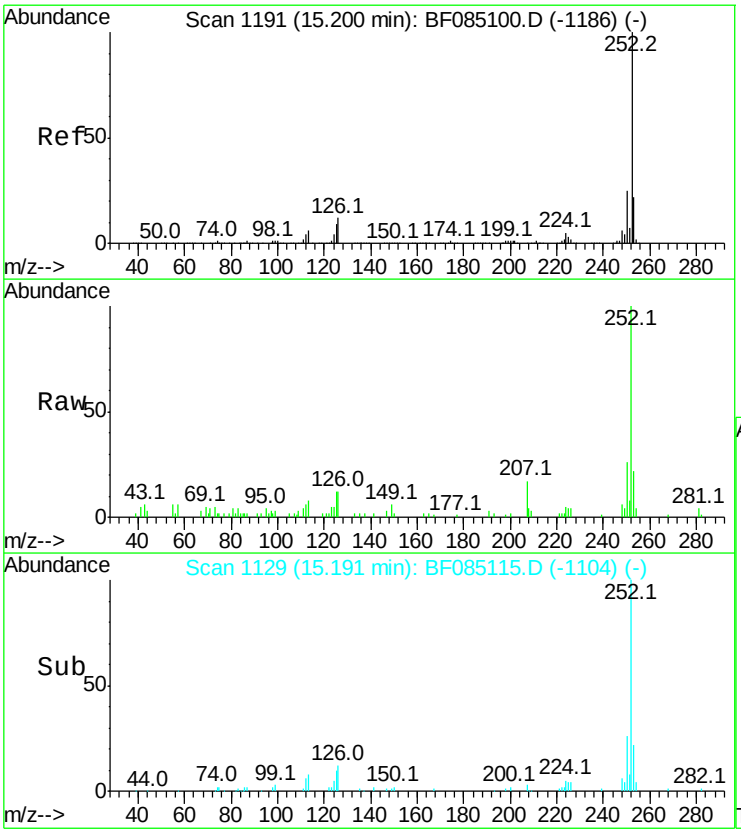
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 357582

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.8	17.4	26.2

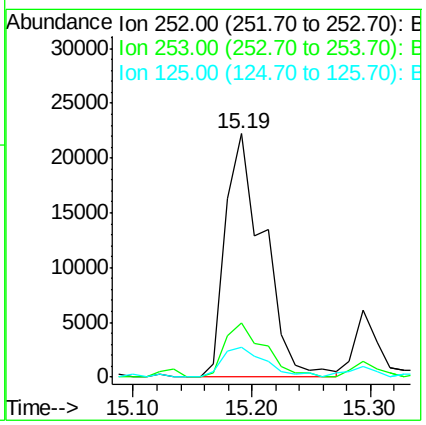


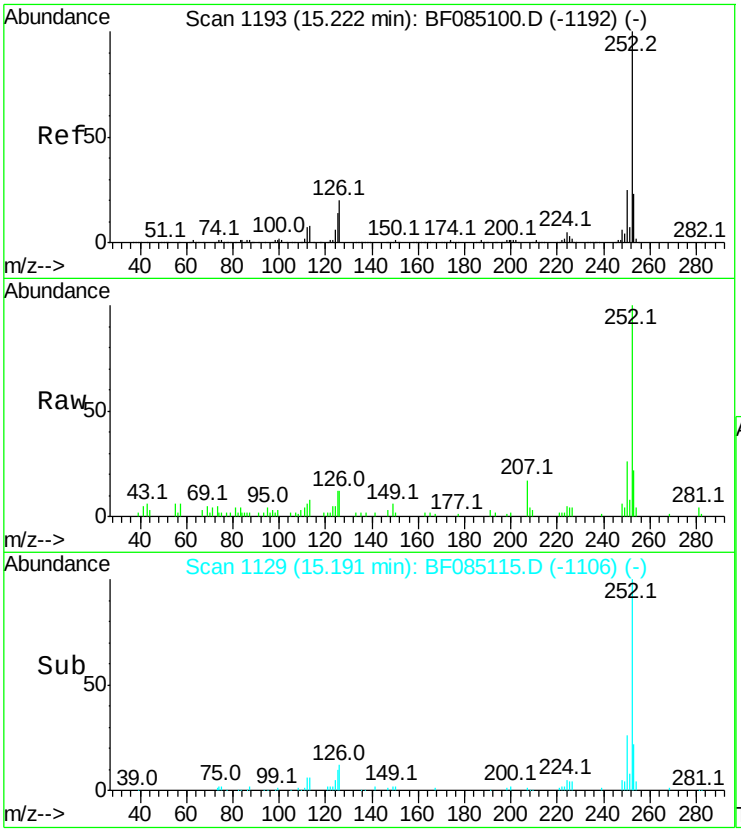


#87
Benzo(b)fluoranthene
Concen: 2.30 ng
RT: 15.19 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:252 Resp: 50093

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.0	7.0	10.4#



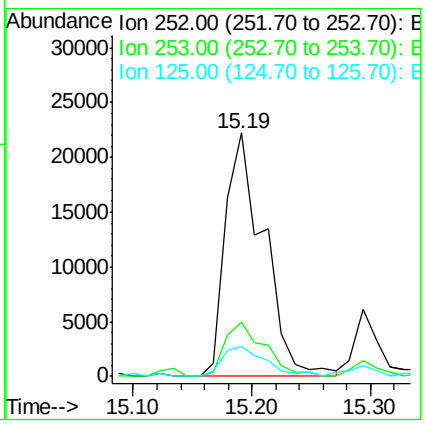


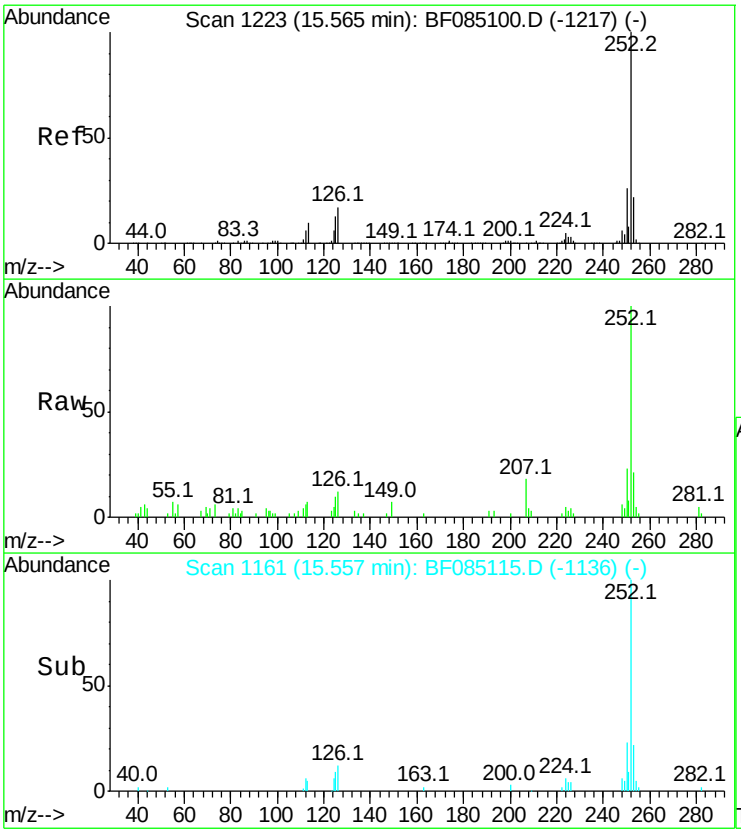
#88
Benzo(k)fluoranthene
Concen: 2.66 ng
RT: 15.19 min Scan# 1129
Delta R.T. -0.03 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50093

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.0	11.1	16.7

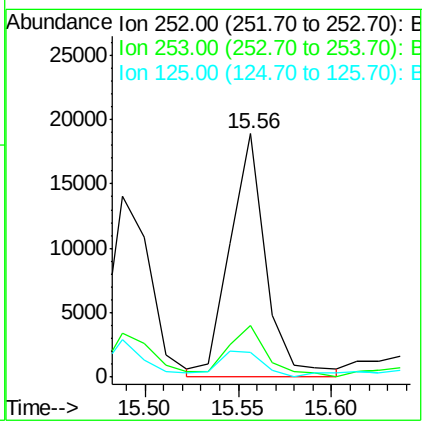


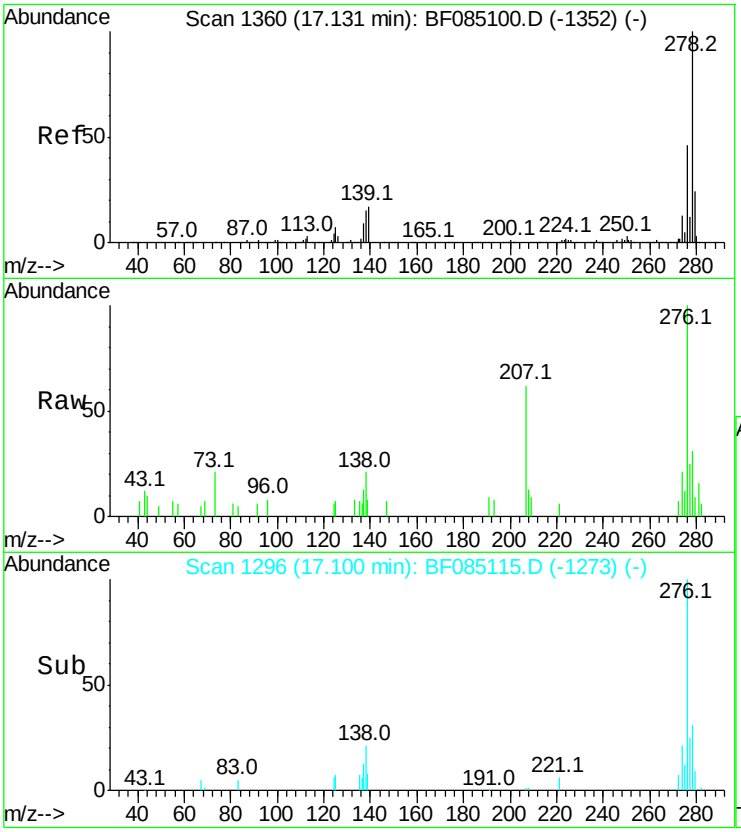


#89
Benzo(a)pyrene
Concen: 1.40 ng
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:252 Resp: 25653

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	10.4	10.2	15.2



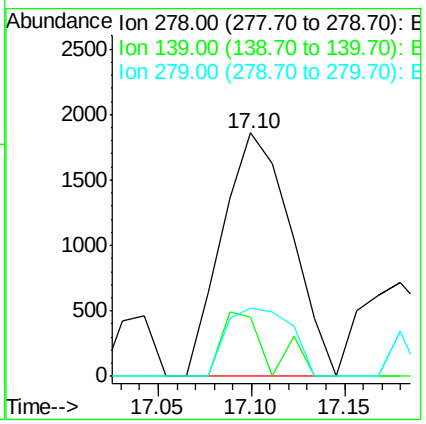


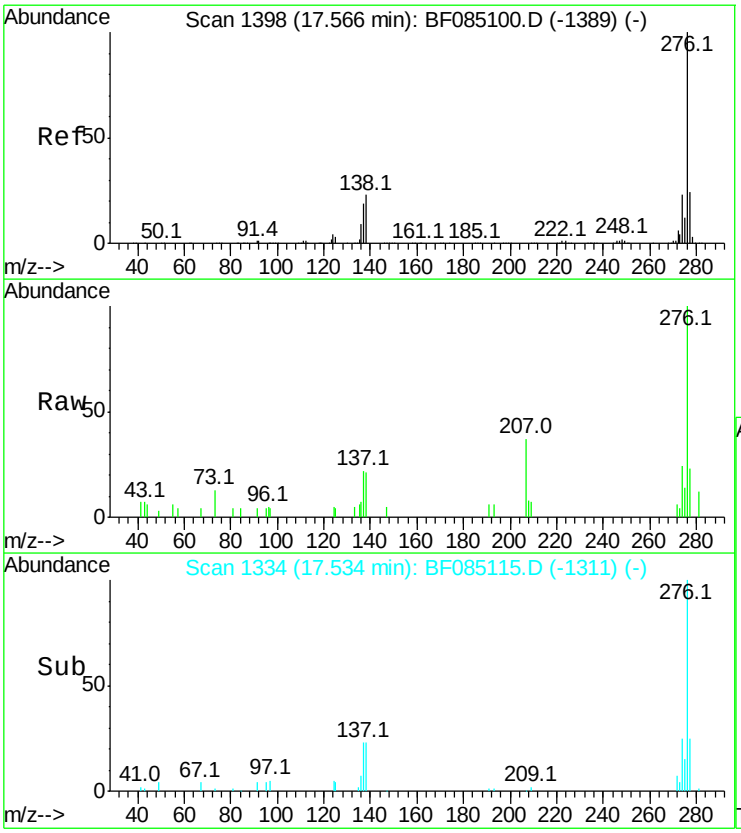
#90
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 4789

Ion	Ratio	Lower	Upper
278	100		
139	24.4	13.6	20.4#
279	28.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 1.20 ng
RT: 17.53 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF085115.D
Acq: 2 Mar 2016 13:15

Tgt Ion:276 Resp: 20181

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.3	18.1	27.1