Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092635.D
Acq On : 30 Jan 2017 15:55
Operator : SJ/MA
Sample : I1305-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0036

Quant Time: Jan 30 16:23:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161760	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	667088	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	367470	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	608949	20.00	ng		0.00
75) Chrysene-d12	14.16	240	289802	20.00	ng		0.01
86) Perylene-d12	15.61	264	325157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1439022	152.62	ng		0.01
7) Phenol-d6	6.61	99	1752498	144.46	ng		0.01
23) Nitrobenzene-d5	7.54	82	1212932	101.25	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	353505	133.01	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1994249	98.32	ng		0.00
78) Terphenyl-d14	13.08	244	1617064	131.11	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.42	42	966893	158.95	ng		85
11) bis(2-Chloroethyl)ether	6.70	93	1138533	100.50	ng		98
12) 1,3-Dichlorobenzene	6.90	146	348604	28.61	ng	#	90
13) 1,4-Dichlorobenzene	6.98	146	920051	74.61	ng		98
14) 1,2-Dichlorobenzene	7.14	146	1301092	110.35	ng		98
18) Hexachloroethane	7.48	117	461646	109.67	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	1420215	183.90	ng		98
24) Nitrobenzene	7.55	77	392259	31.89	ng		99
25) Isophorone	7.79	82	2451517	109.82	ng		98
28) bis(2-Chloroethoxy)methane	8.01	93	743692	50.30	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	884275	85.68	ng		95
31) Naphthalene	8.28	128	3355826	99.24	ng		99
37) 2-Methylnaphthalene	8.97	142	1565267	72.09	ng		98
40) Hexachlorocyclopentadiene	9.12	237	415524	89.28	ng		96
46) 2-Chloronaphthalene	9.46	162	1707175	82.01	ng		96
48) Acenaphthylene	9.87	152	2976497	82.78	ng		99
51) Acenaphthene	10.05	154	2284977	106.28	ng		97
56) 2,4-Dinitrotoluene	10.19	165	194554	27.34	ng		97
59) Diethylphthalate	10.43	149	1351320	57.93	ng		96
60) 4-Chlorophenyl-phenylether	10.56	204	782599	73.63	ng	#	73
65) n-Nitrosodiphenylamine	10.67	169	872208	44.84	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	434765	68.34	ng		95
70) Phenanthrene	11.53	178	3207423	91.94	ng		99
71) Anthracene	11.59	178	3236508	92.38	ng		99
73) Di-n-butylphthalate	12.05	149	2985051	82.42	ng		98
79) Butylbenzylphthalate	13.56	149	1819510	206.59	ng		90
80) Benzo(a)anthracene	14.15	228	3791177	213.89	ng		99
82) Chrysene	14.18	228	2438241	146.92	ng		100
84) Di-n-octyl phthalate	14.73	149	2935747	149.68	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	2238201	174.12	ng		97
88) Benzo(k)fluoranthene	15.22	252	2421442	131.04	ng		98
90) Dibenzo(a,h)anthracene	17.13	278	1242670	83.05	ng		99
91) Benzo(g,h,i)perylene	17.59	276	2829371	187.19	ng	#	95

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092635.D
Acq On : 30 Jan 2017 15:55
Operator : SJ/MA
Sample : I1305-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0036

Quant Time: Jan 30 16:23:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
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Acq On : 30 Jan 2017 15:55
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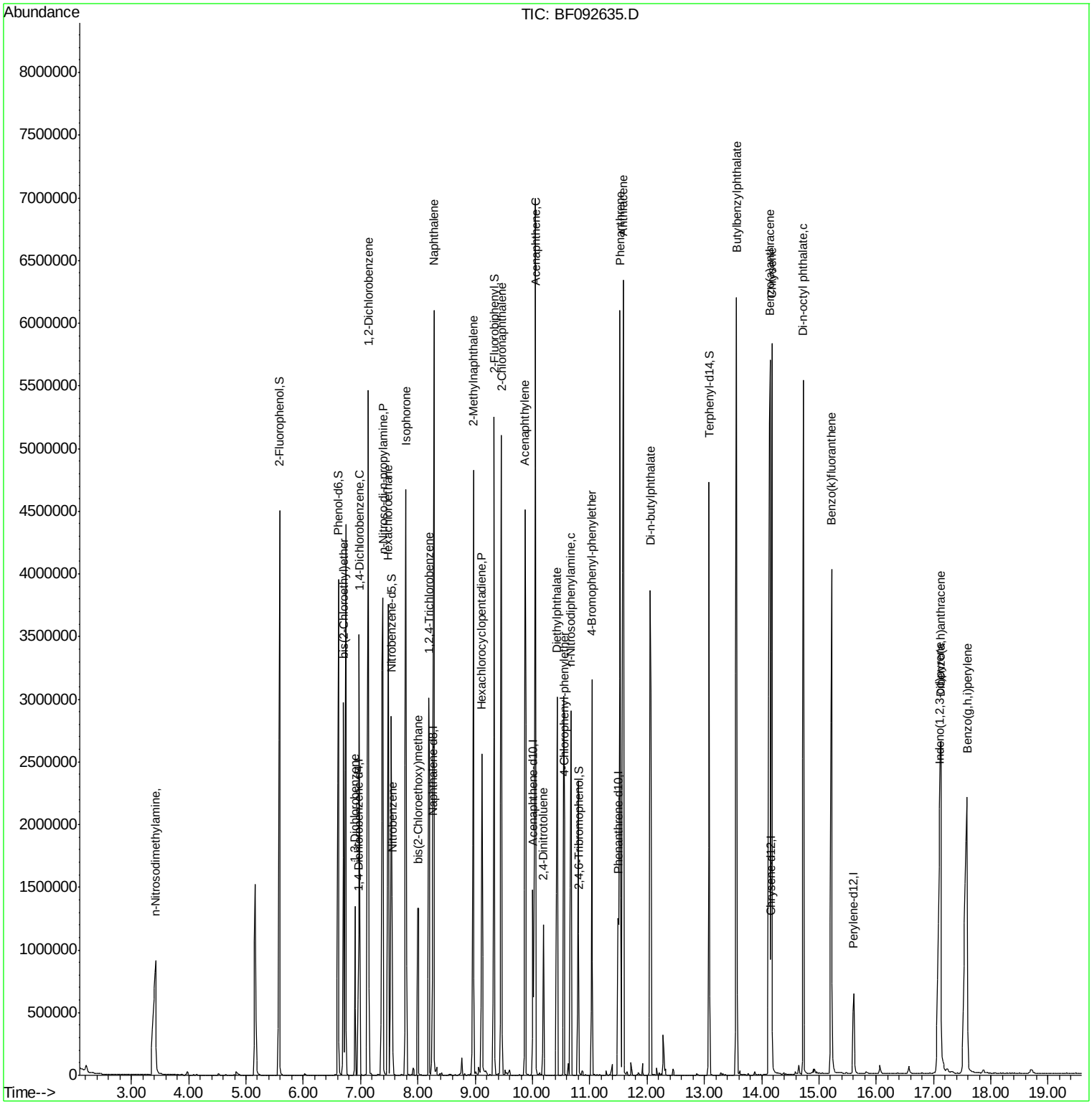
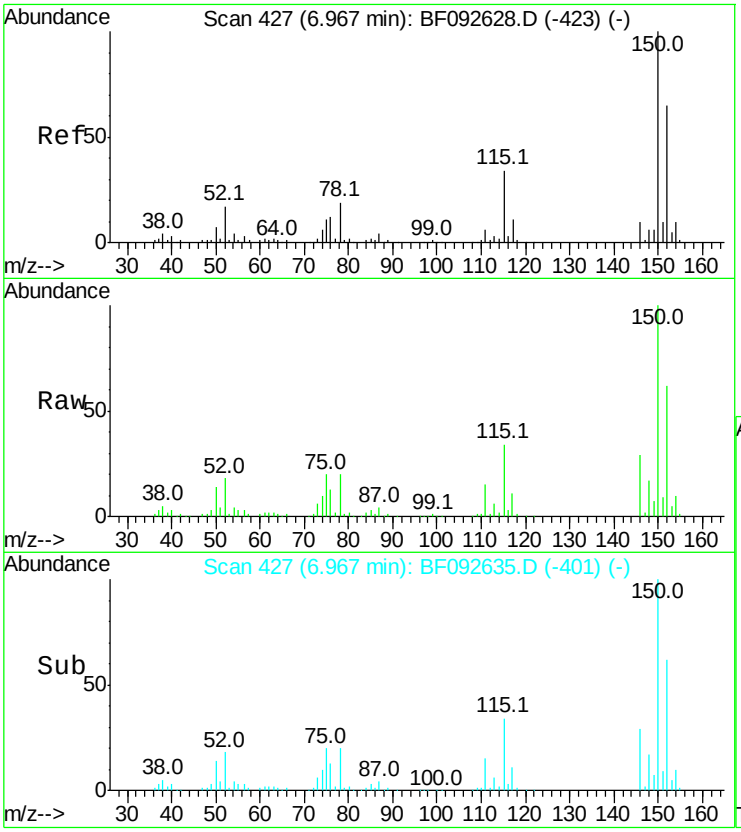


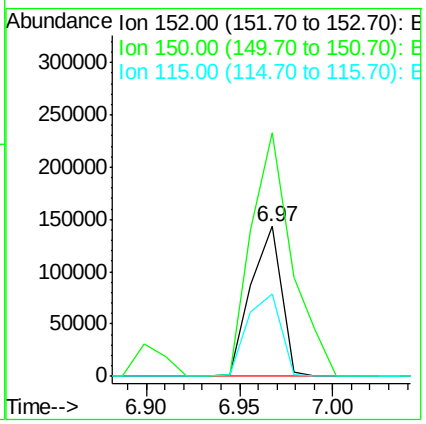


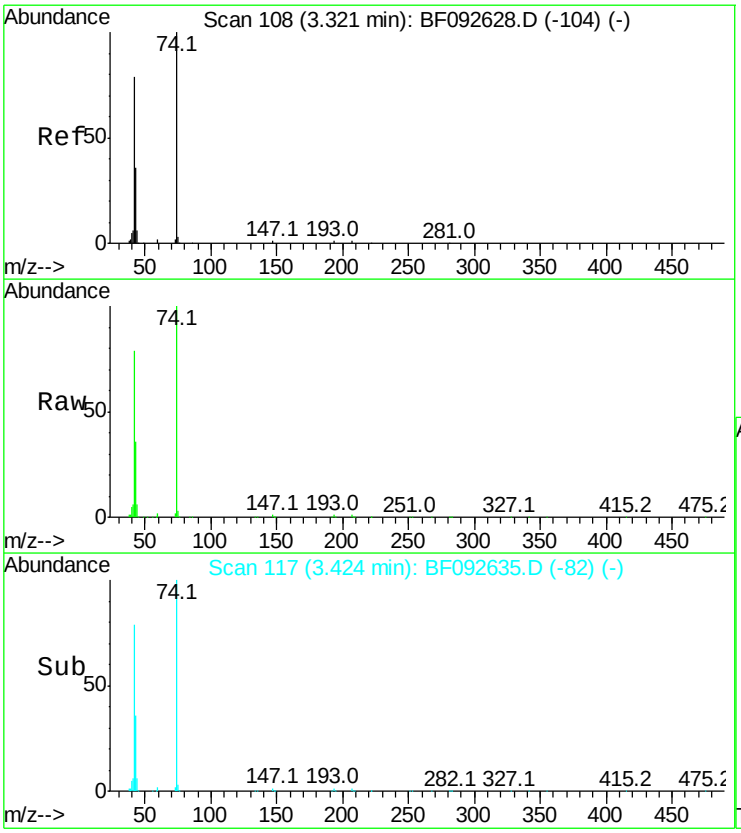
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:152 Resp: 161760

Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.9	187.3
115	54.6	46.0	69.0

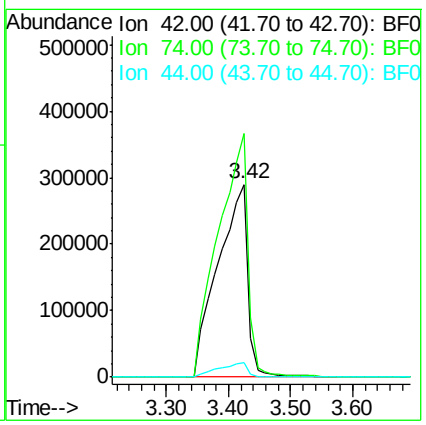


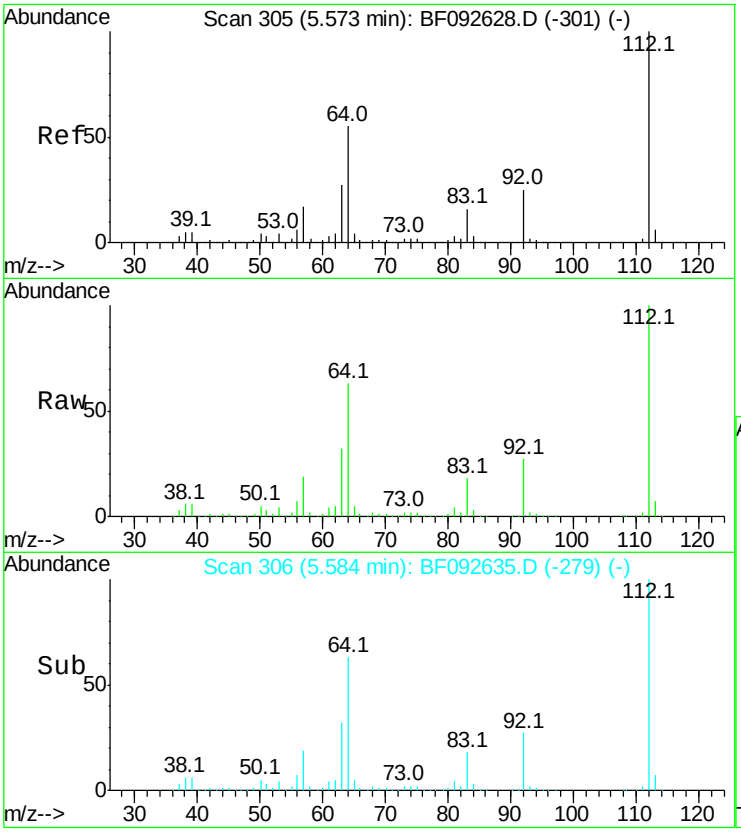


#4
n-Nitrosodimethylamine
Concen: 158.95 ng
RT: 3.42 min Scan# 117
Delta R.T. 0.10 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion: 42 Resp: 966893

Ion	Ratio	Lower	Upper
42	100		
74	126.5	117.0	175.4
44	7.6	5.5	8.3



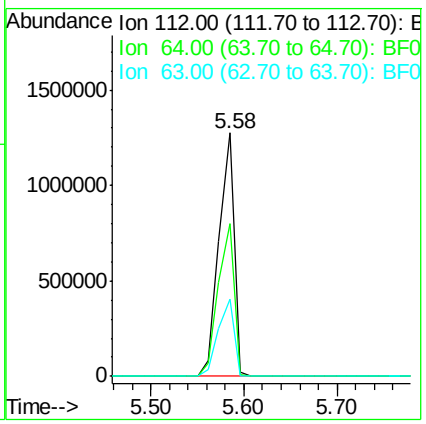


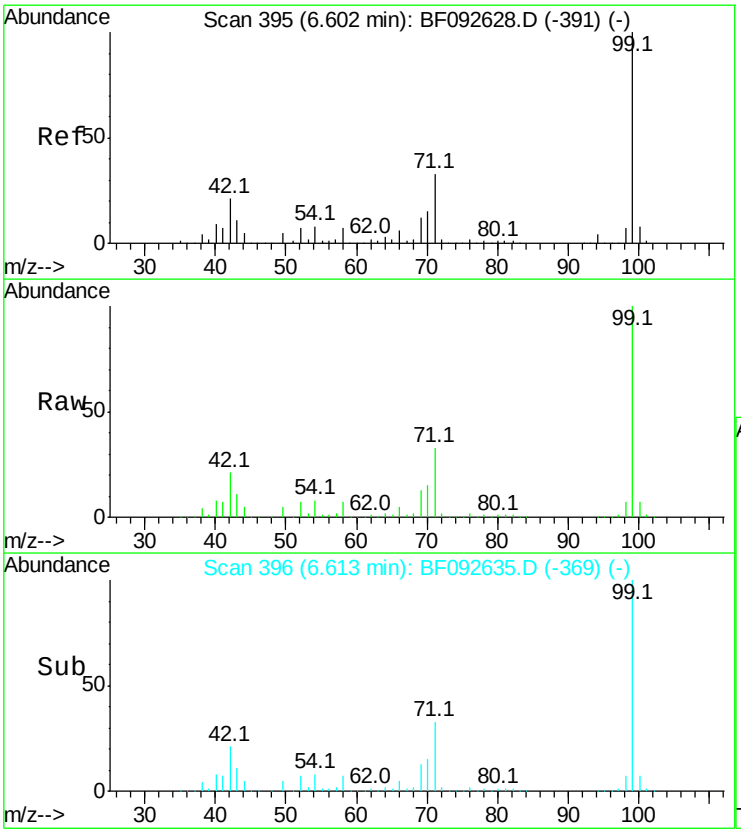
#5
2-Fluorophenol
Concen: 152.62 ng
RT: 5.58 min Scan# 306
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:112 Resp: 1439022

Ion	Ratio	Lower	Upper
112	100		
64	62.8	46.1	69.1
63	31.7	23.8	35.6

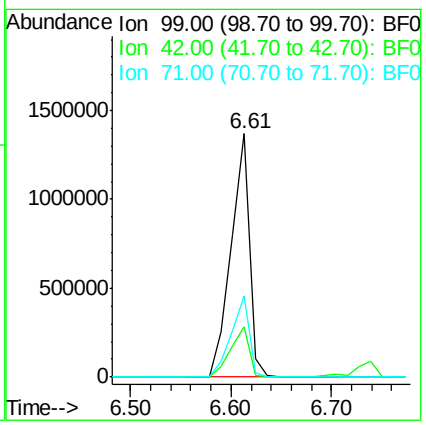


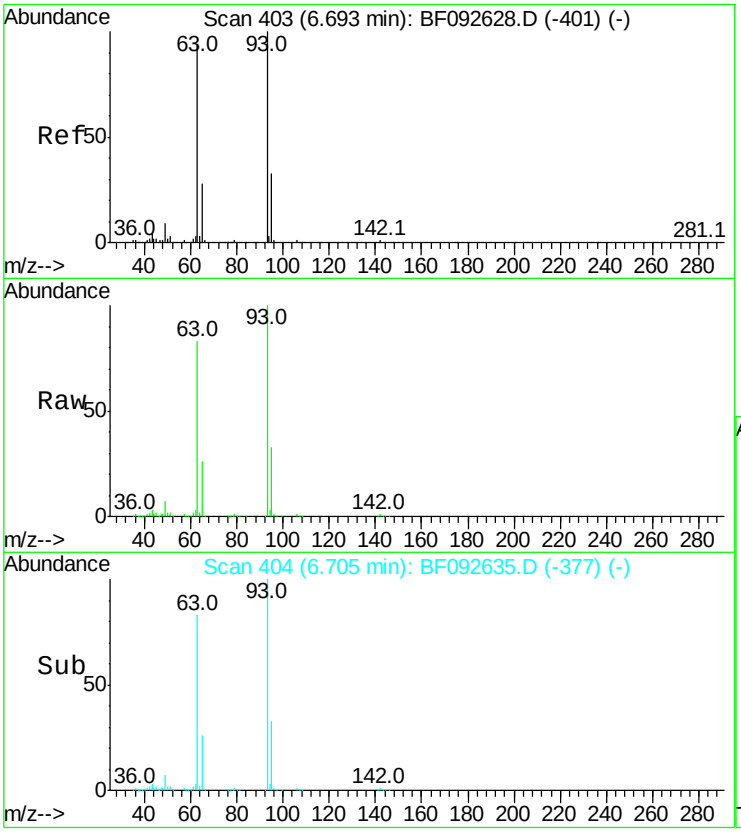


#7
Phenol-d6
Concen: 144.46 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion: 99 Resp: 1752498

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.6	23.4
71	33.2	27.5	41.3



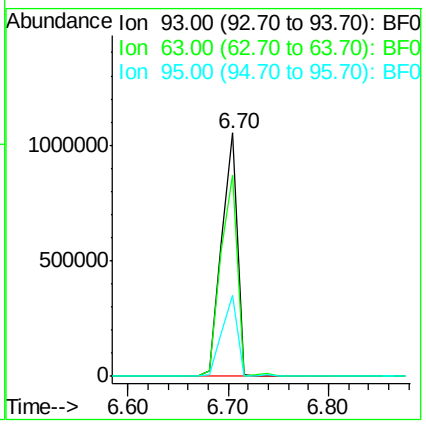


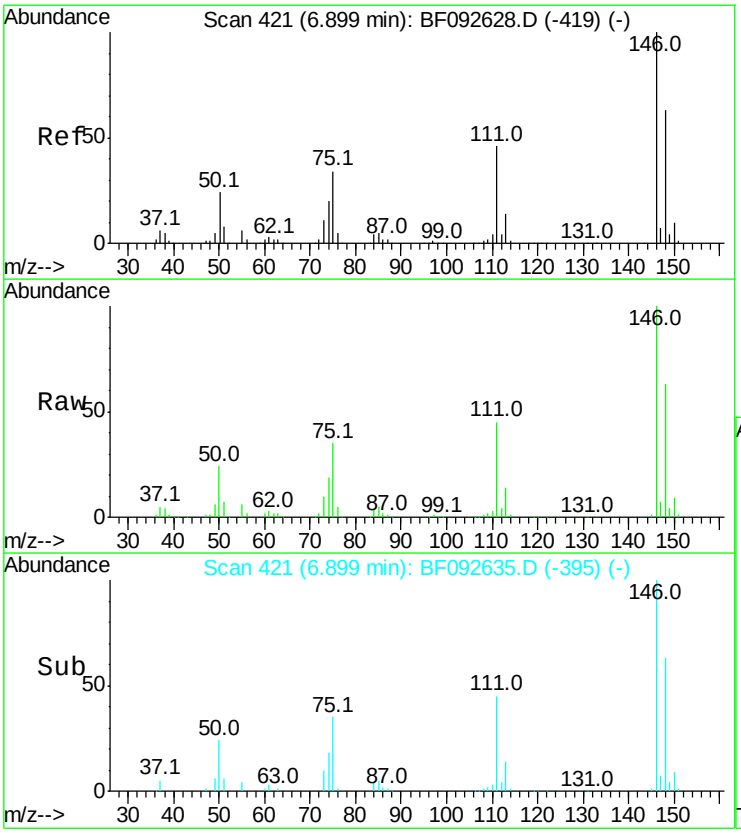
#11
bis(2-Chloroethyl)ether
Concen: 100.50 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion: 93 Resp: 1138533

Ion	Ratio	Lower	Upper
93	100		
63	82.5	60.4	100.4
95	33.2	12.8	52.8

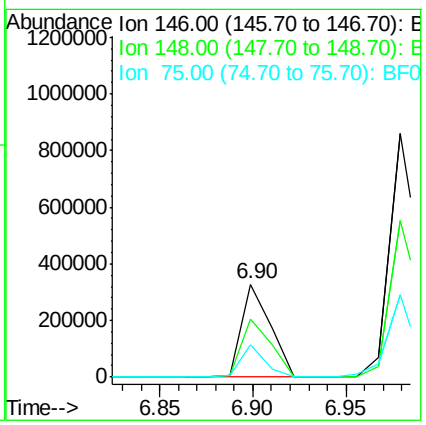


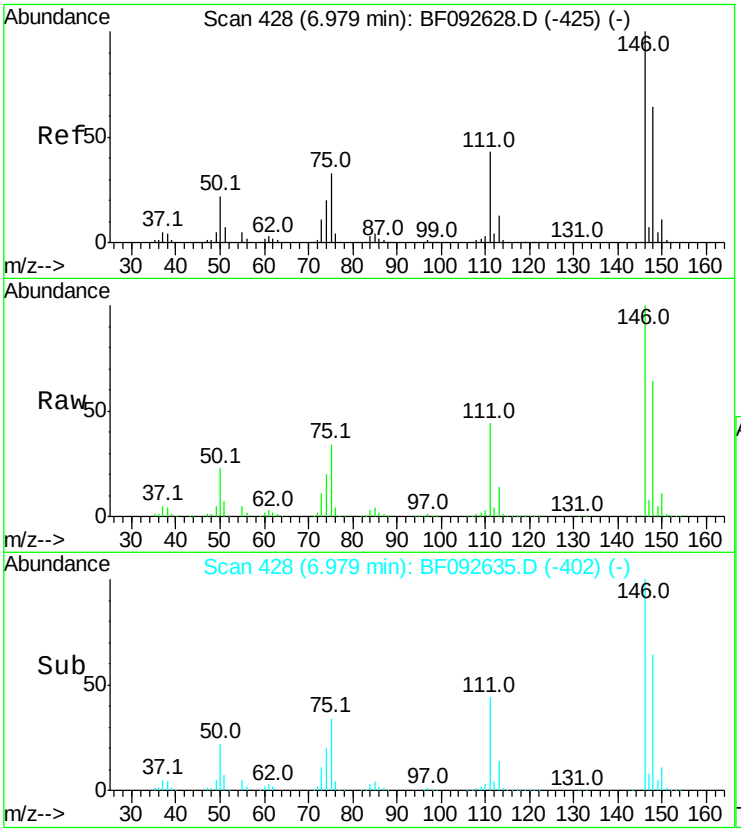


#12
1,3-Dichlorobenzene
Concen: 28.61 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:146 Resp: 348604

Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.0
75	34.8	18.5	27.7#



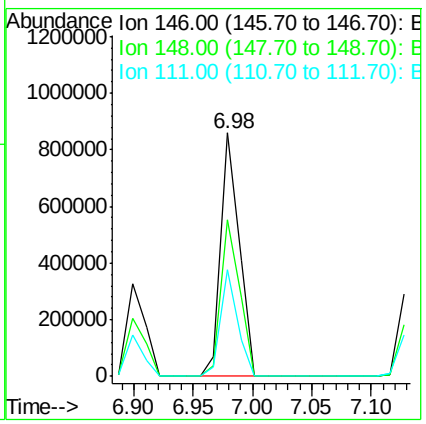


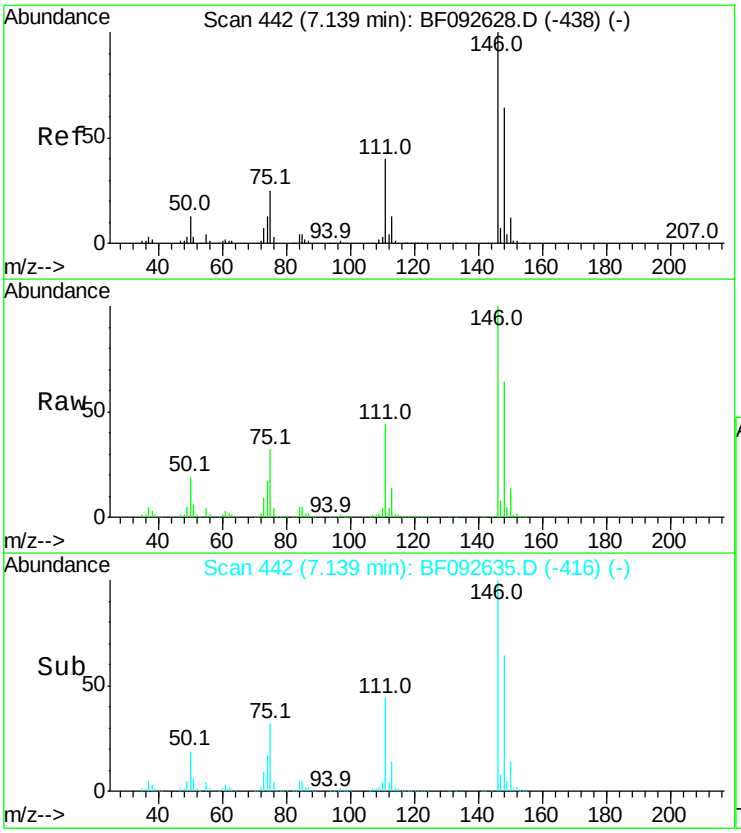
#13
1,4-Dichlorobenzene
Concen: 74.61 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:146 Resp: 920051

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	43.7	36.2	54.4

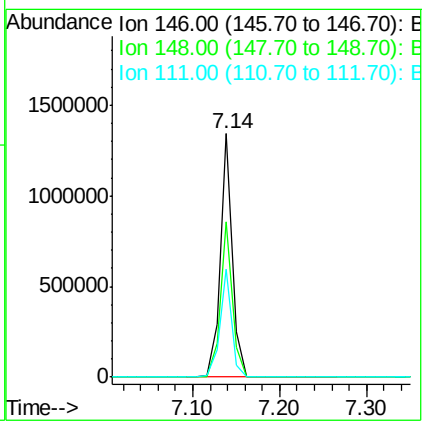


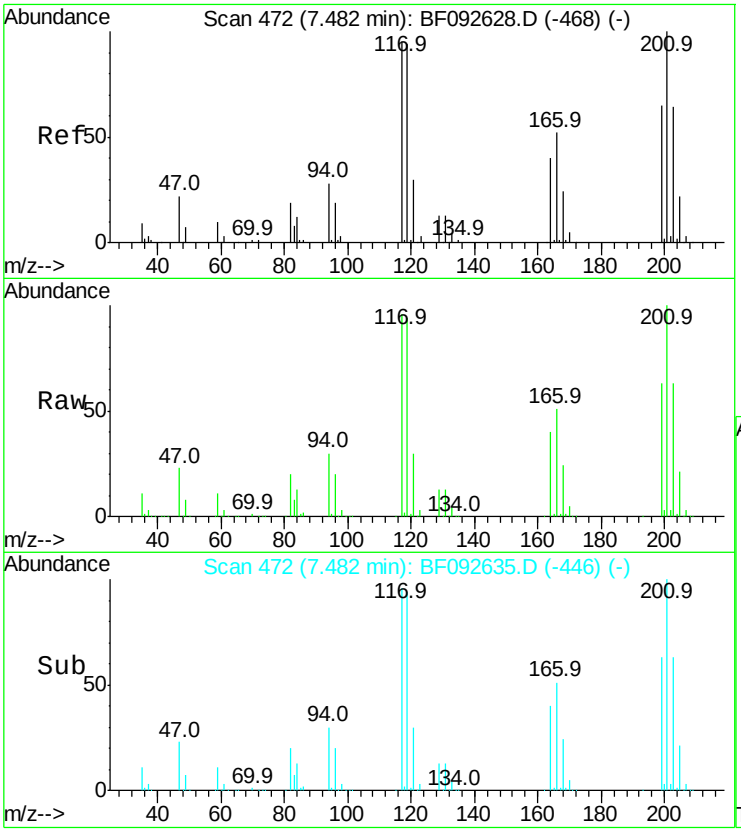


#14
1,2-Dichlorobenzene
Concen: 110.35 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:146 Resp: 1301092

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	44.3	36.2	54.2



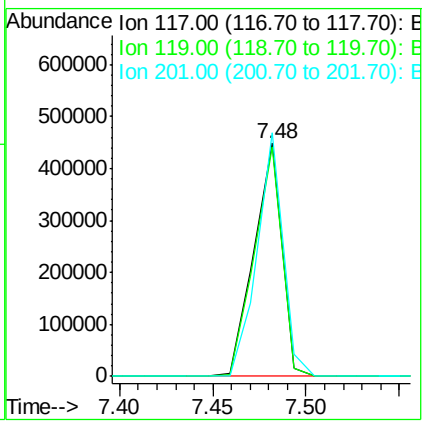


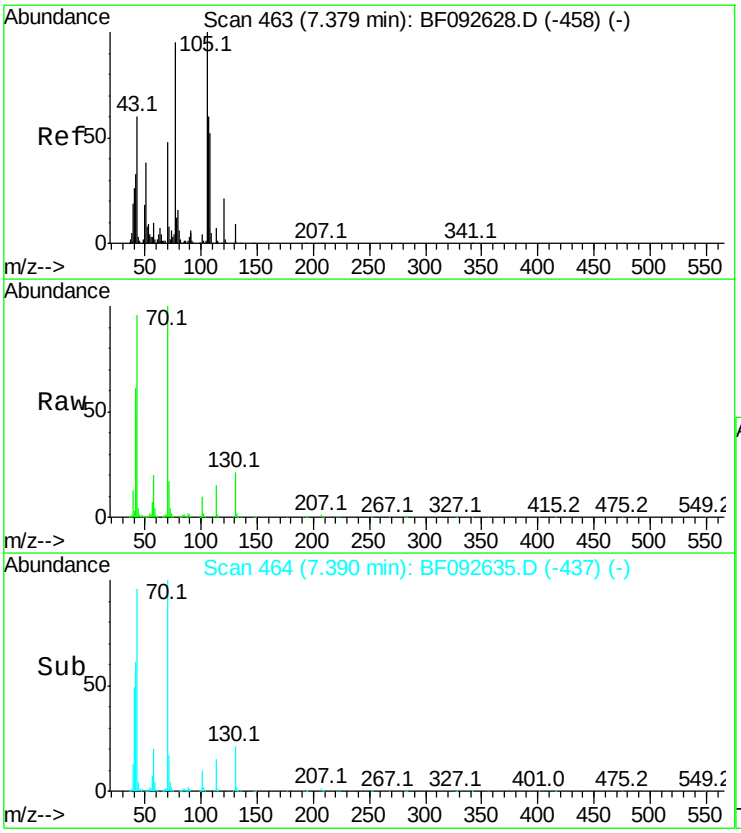
#18
Hexachloroethane
Concen: 109.67 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:117 Resp: 461646

Ion	Ratio	Lower	Upper
117	100		
119	98.7	78.1	117.1
201	104.5	78.6	117.8

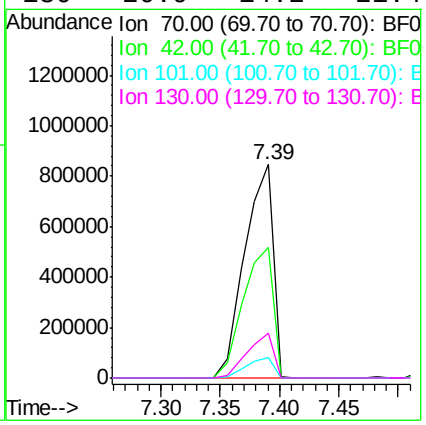


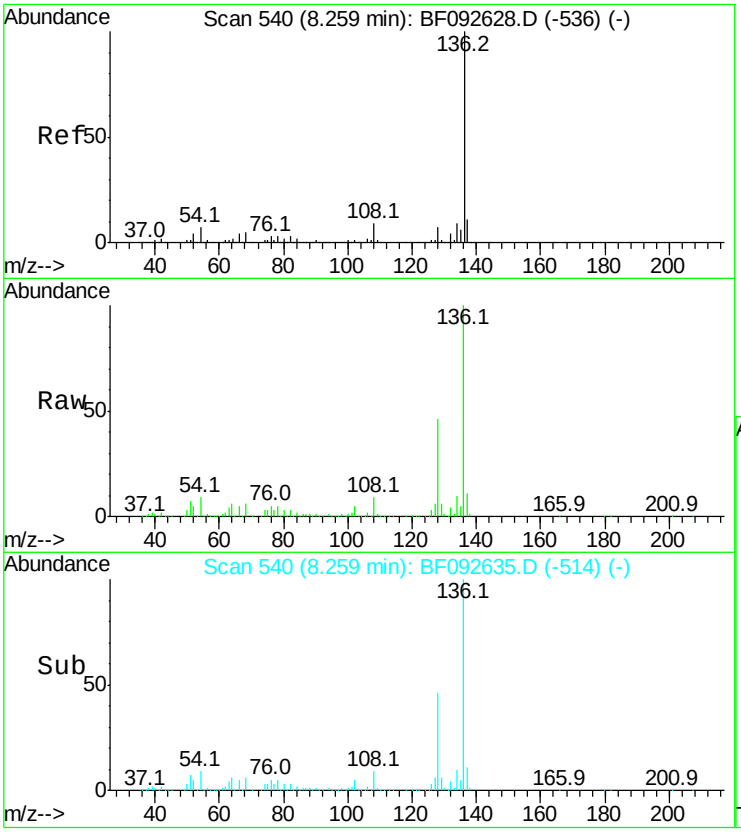


#19
n-Nitroso-di-n-propylamine
Concen: 183.90 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion: 70 Resp: 1420215

Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.4	74.0
101	9.5	7.4	11.2
130	20.9	14.2	21.4



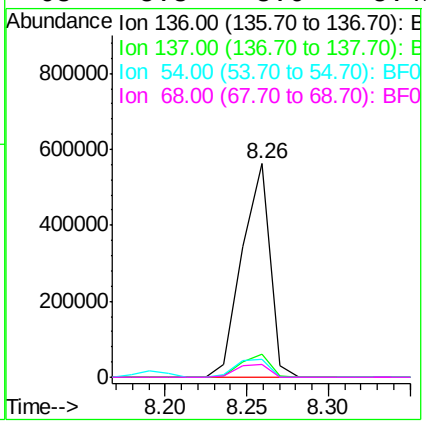


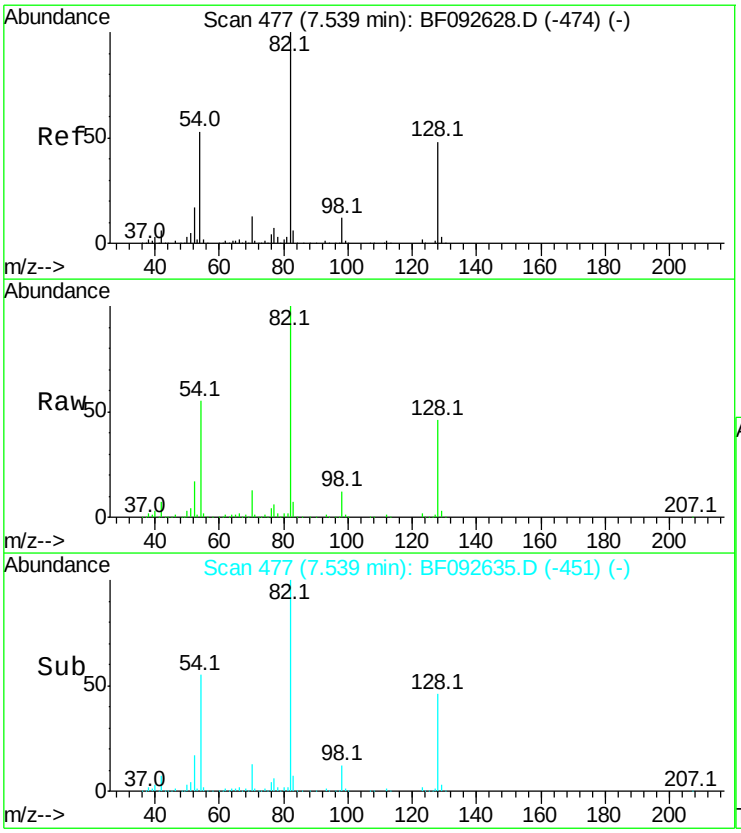
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:136 Resp: 667088

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.7	4.5	6.7#
68	5.8	3.6	5.4#

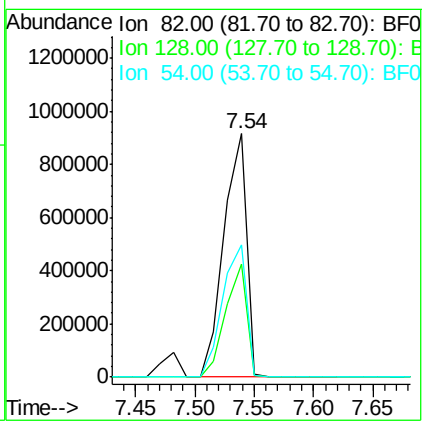


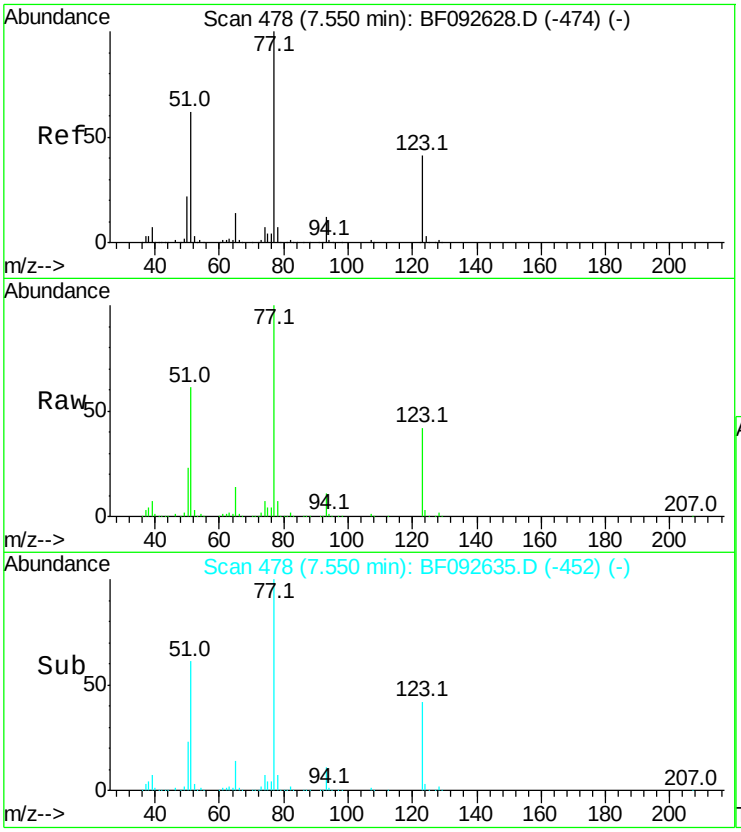


#23
Nitrobenzene-d5
Concen: 101.25 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion: 82 Resp: 1212932

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	52.0
54	54.5	39.5	59.3



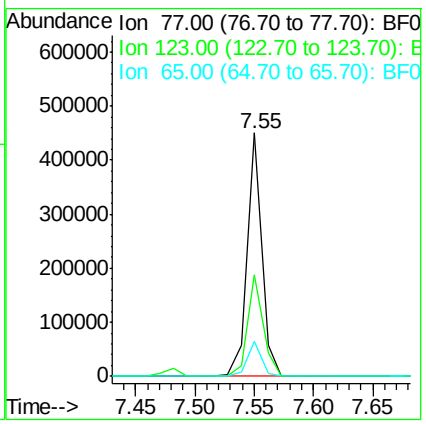


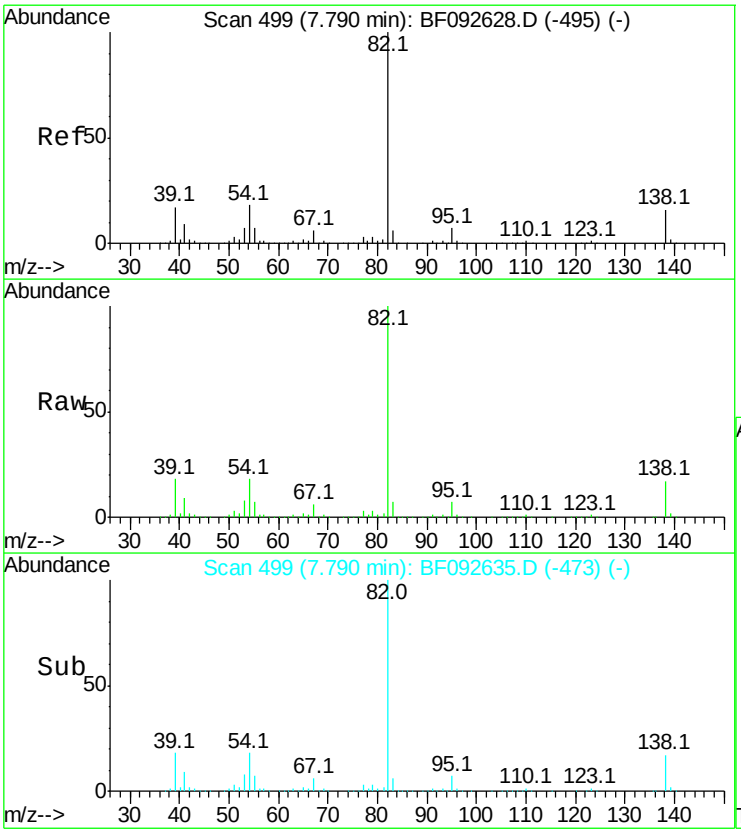
#24
Nitrobenzene
Concen: 31.89 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion: 77 Resp: 392259

Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.0	49.4
65	14.3	11.2	16.8

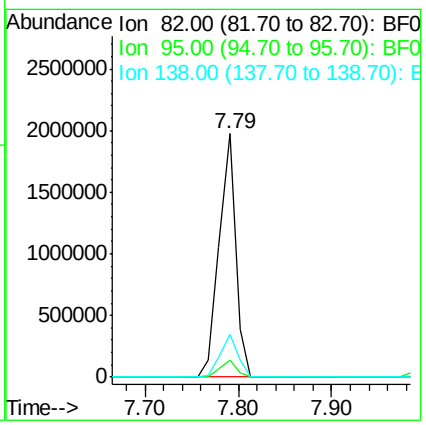


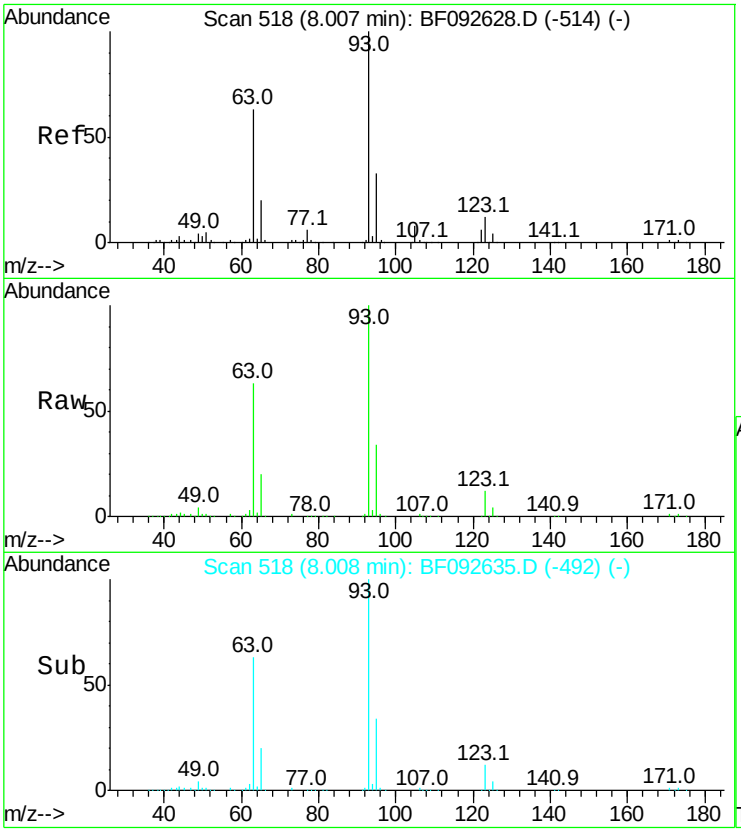


#25
Isophorone
Concen: 109.82 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion: 82 Resp: 2451517

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.3	14.6	22.0



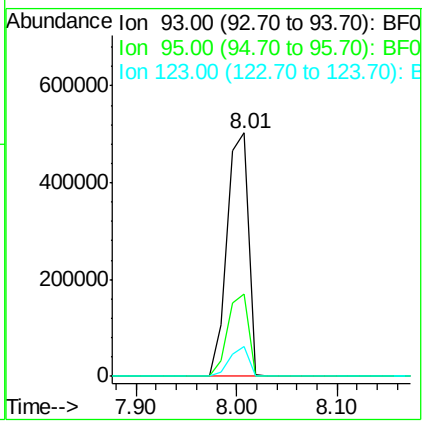


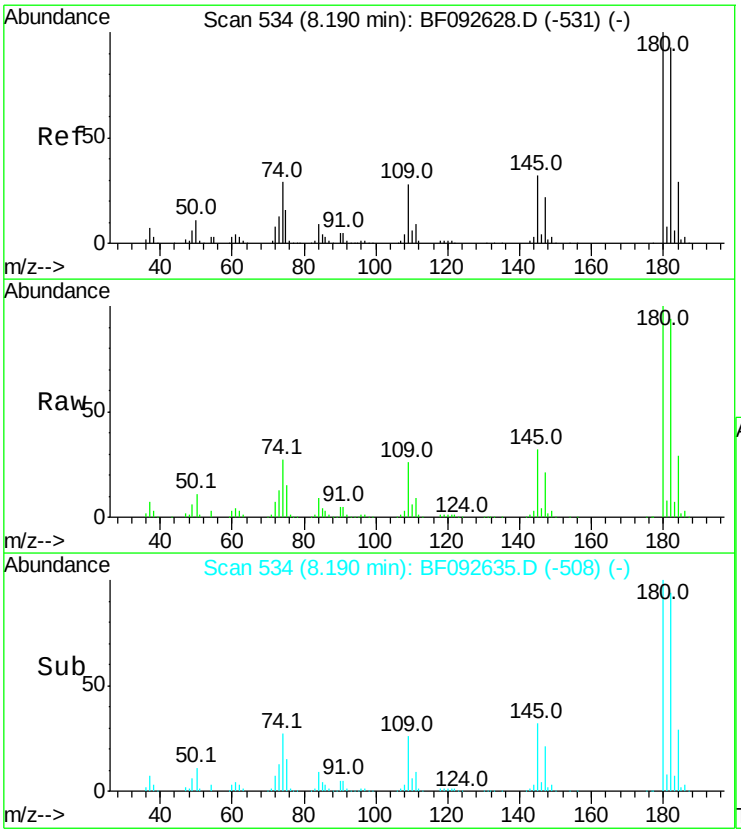
#28
bis(2-Chloroethoxy)methane
Concen: 50.30 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion: 93 Resp: 743692

Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.5	39.7
123	12.1	8.6	13.0

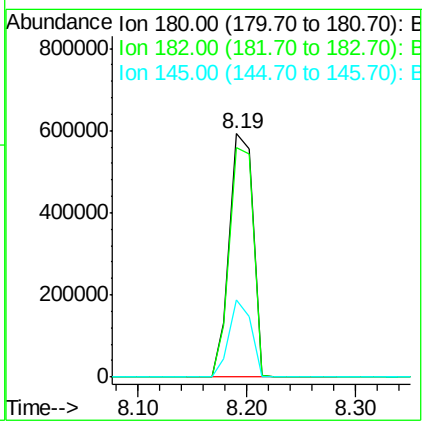


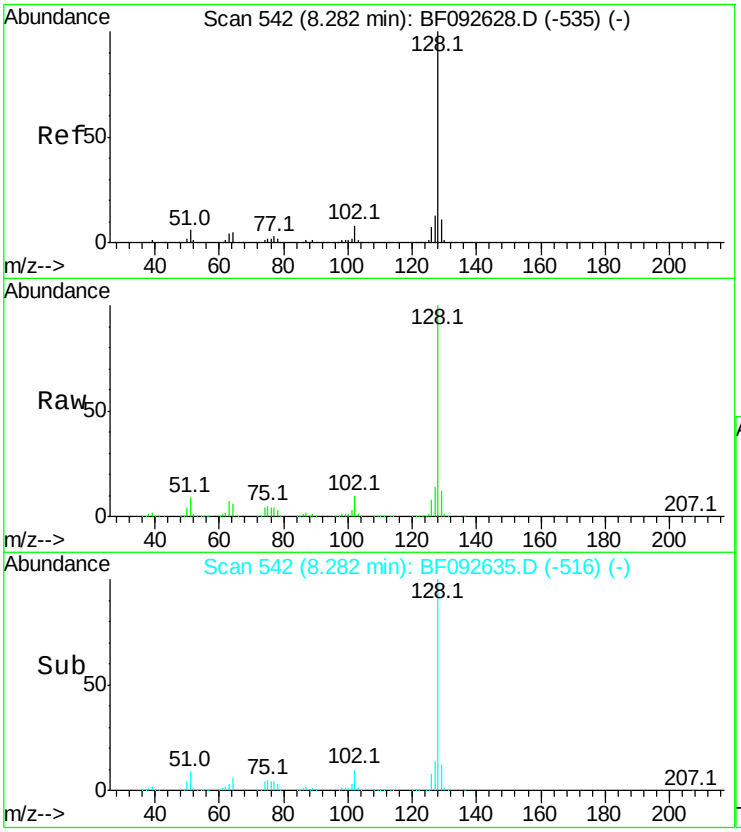


#30
1,2,4-Trichlorobenzene
Concen: 85.68 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:180 Resp: 884275

Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.2	117.4
145	31.8	21.6	32.4



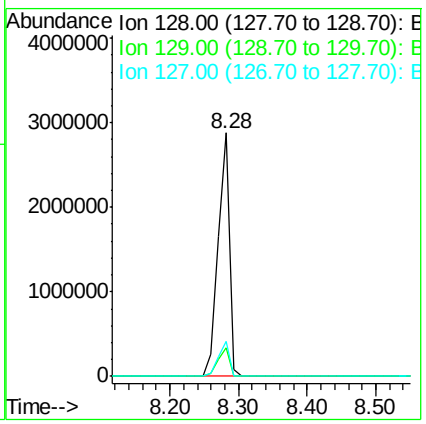


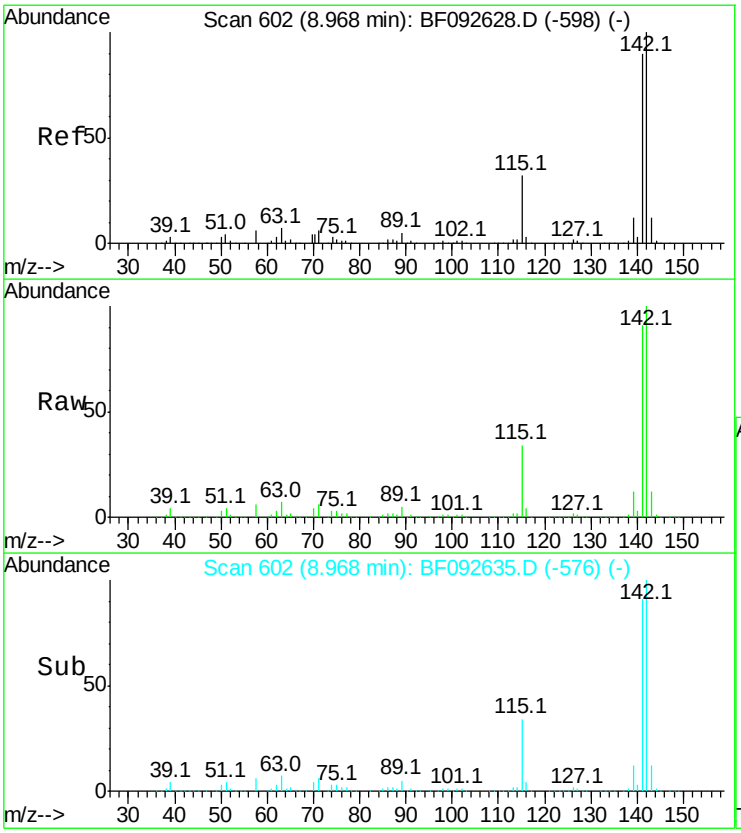
#31
Naphthalene
Concen: 99.24 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:128 Resp: 3355826

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	14.2	10.8	16.2

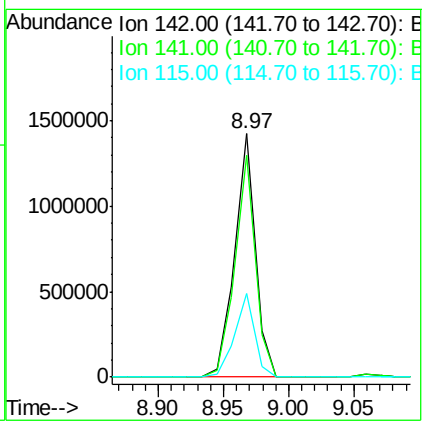


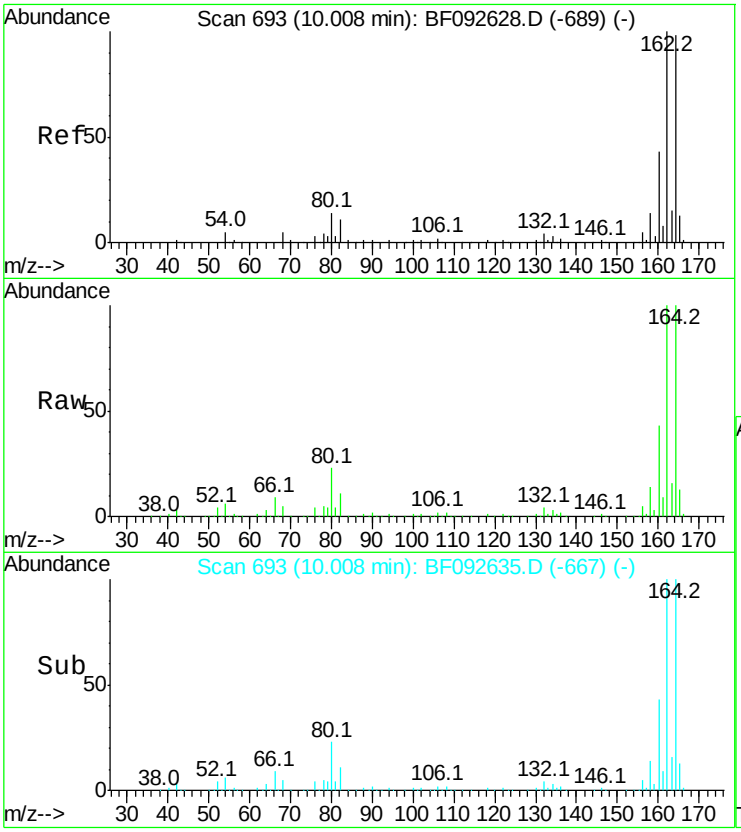


#37
2-Methylnaphthalene
Concen: 72.09 ng
RT: 8.97 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:142 Resp: 1565267

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	34.4	28.3	42.5



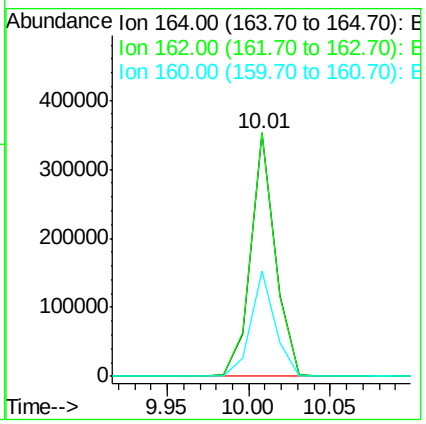


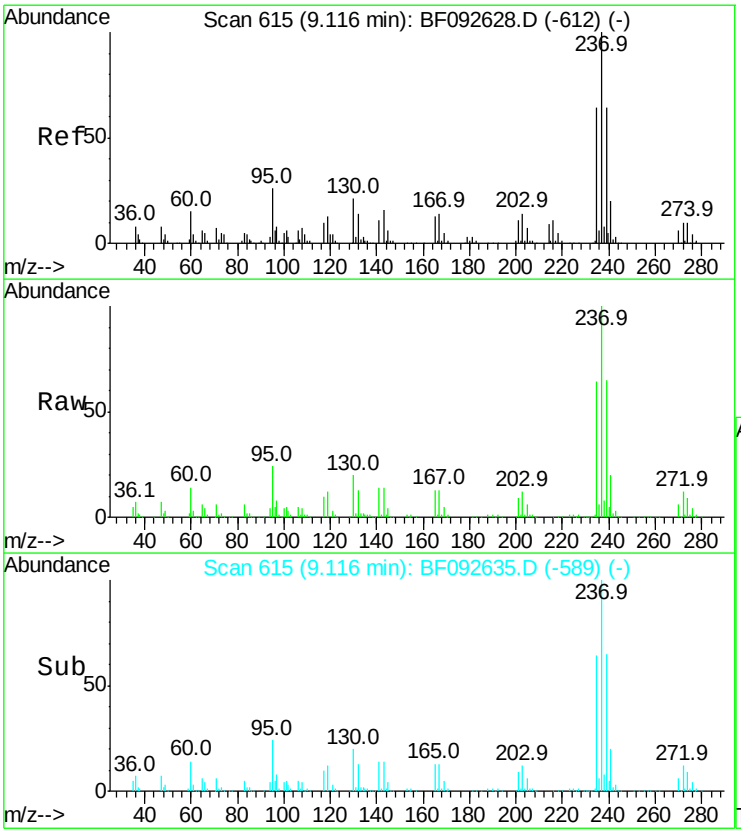
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:164 Resp: 367470

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.4	36.9	55.3

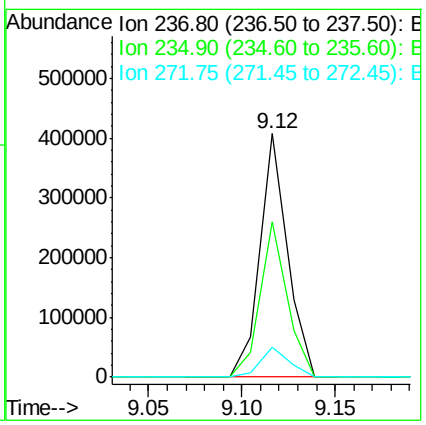


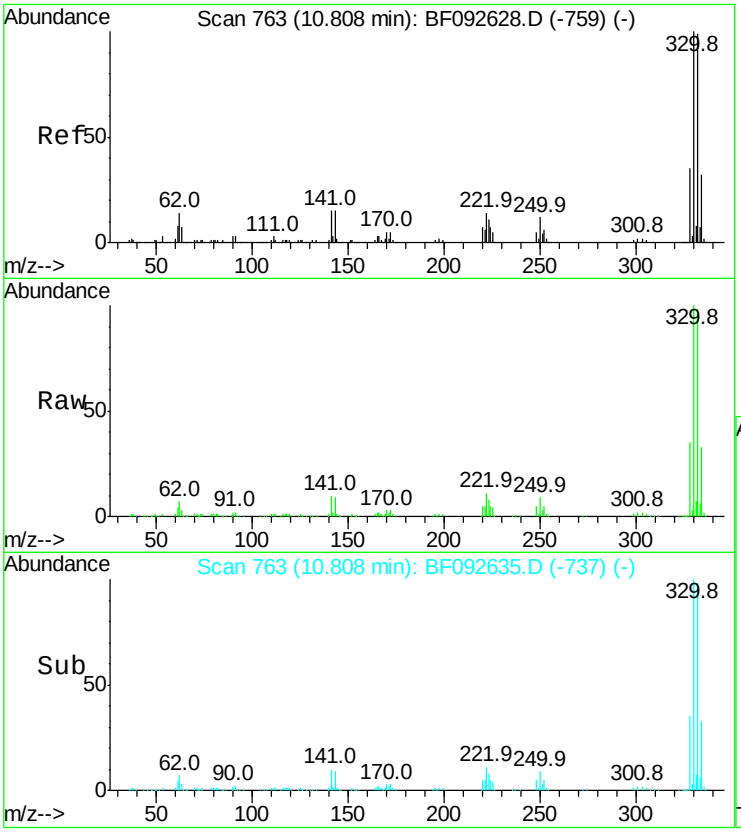


#40
Hexachlorocyclopentadiene
Concen: 89.28 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:237 Resp: 415524

Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.2	81.2
272	12.3	0.0	35.4



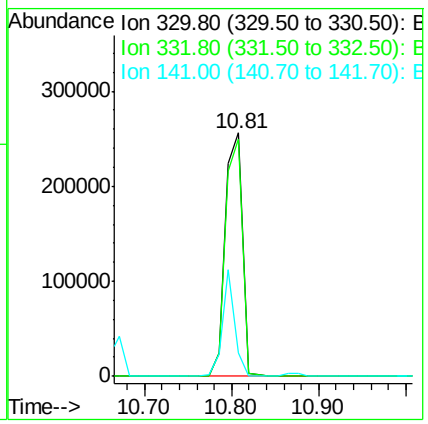


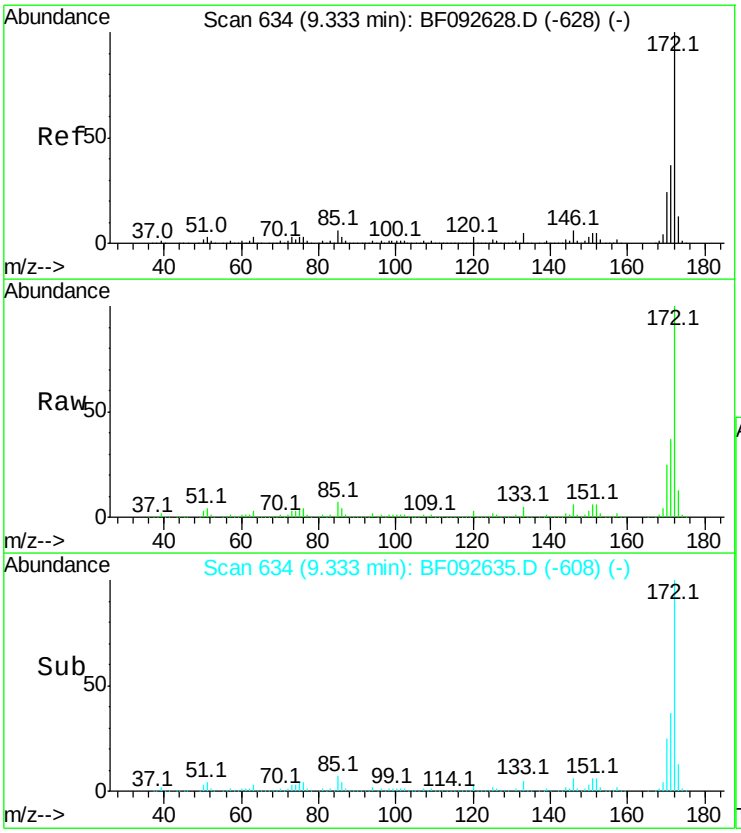
#41
2,4,6-Tribromophenol
Concen: 133.01 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:330 Resp: 353505

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	31.8	34.1	51.1#

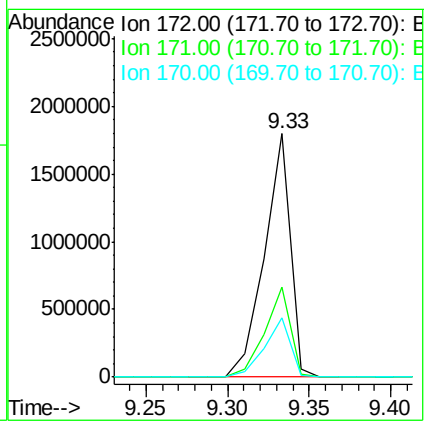


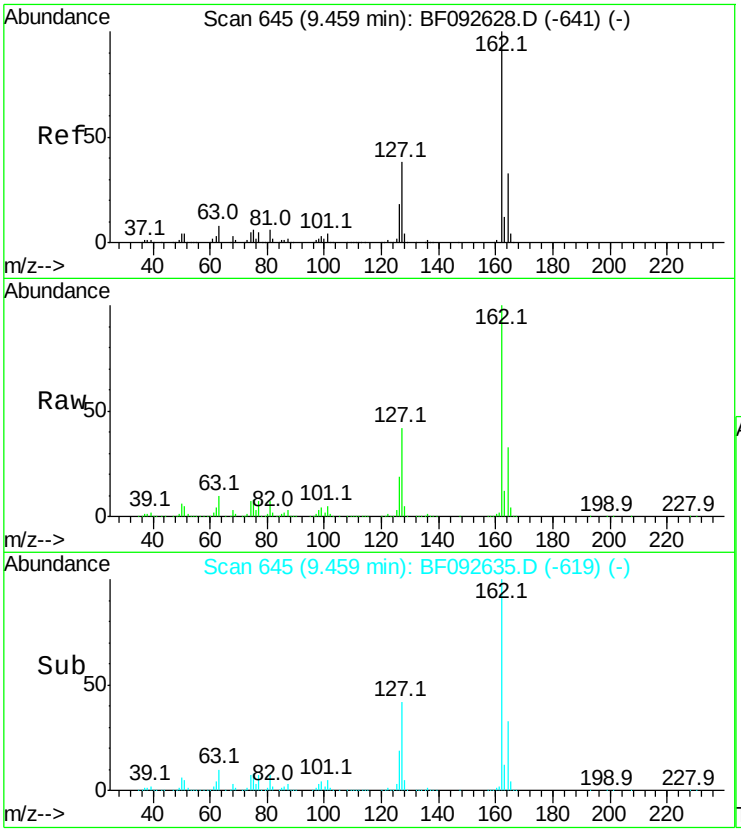


#44
2-Fluorobiphenyl
Concen: 98.32 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:172 Resp: 1994249

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4



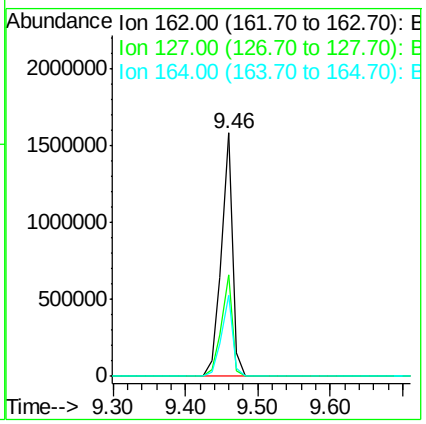


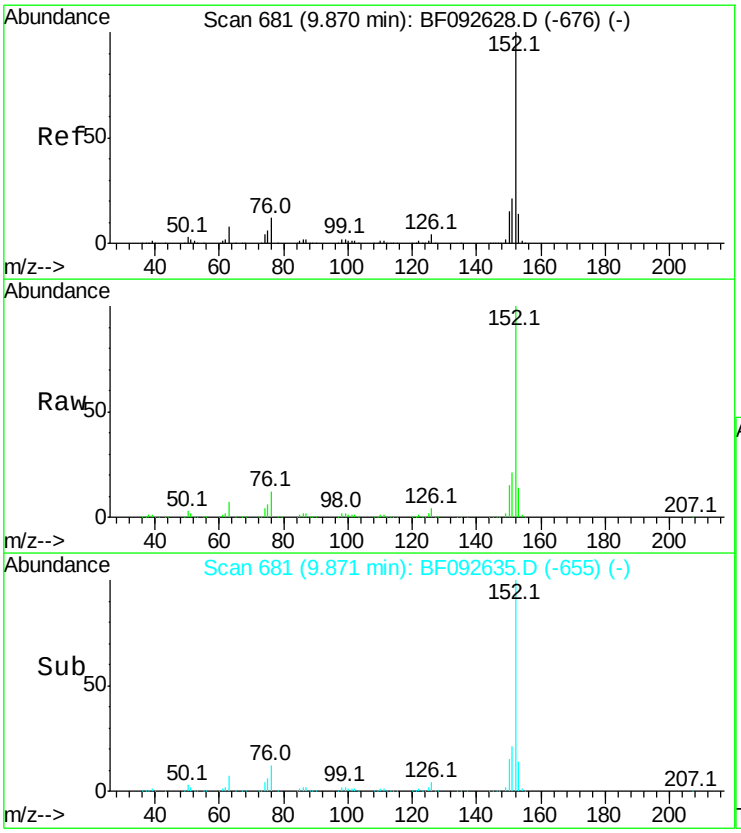
#46
2-Chloronaphthalene
Concen: 82.01 ng
RT: 9.46 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:162 Resp: 1707175

Ion	Ratio	Lower	Upper
162	100		
127	41.7	30.7	46.1
164	33.5	27.6	41.4

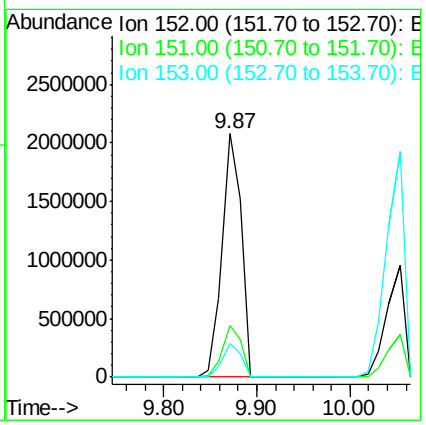


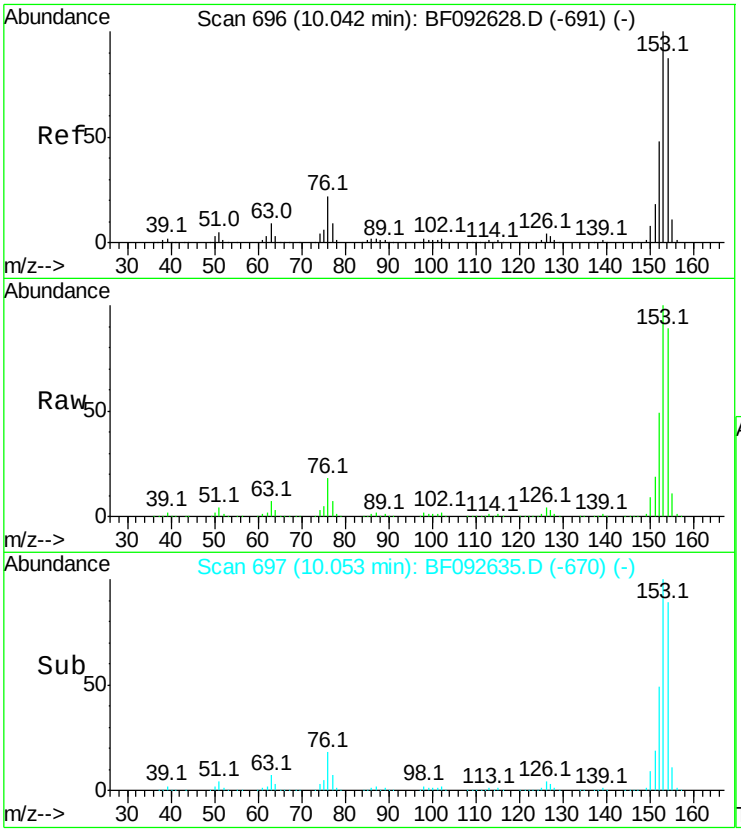


#48
Acenaphthylene
Concen: 82.78 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:152 Resp: 2976497

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	14.0	11.4	17.2



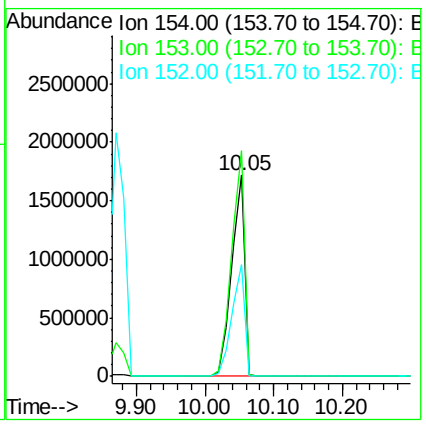


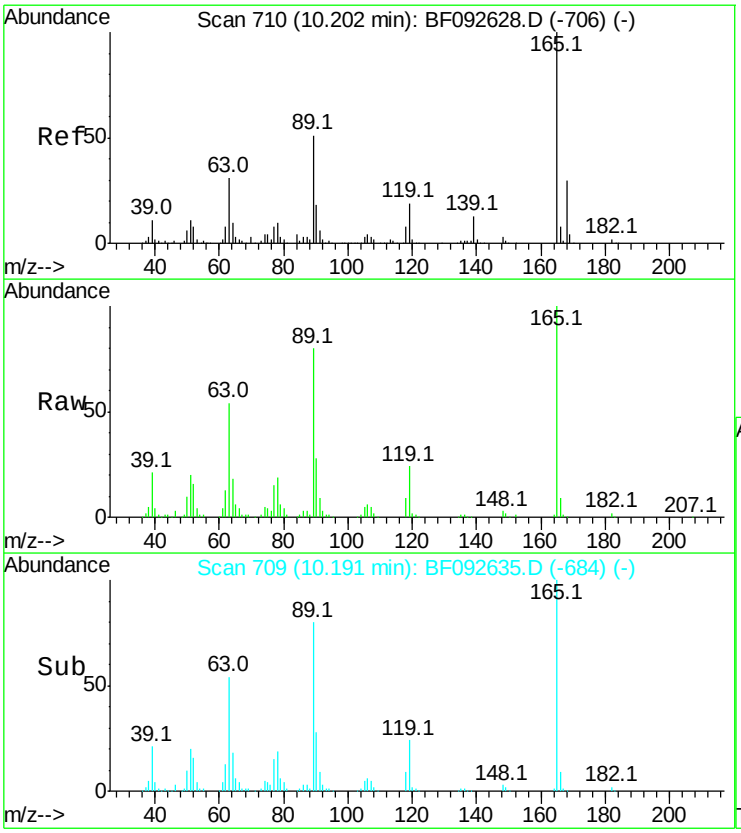
#51
Acenaphthene
Concen: 106.28 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:154 Resp: 2284977

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.6	133.0
152	55.6	41.6	62.4

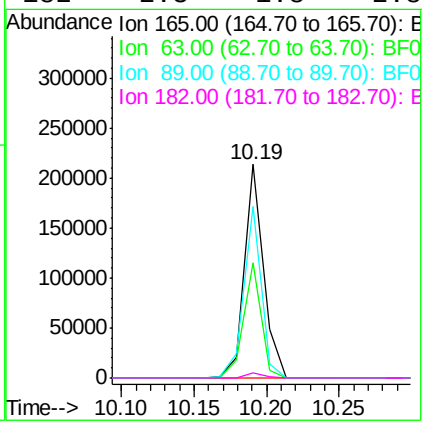


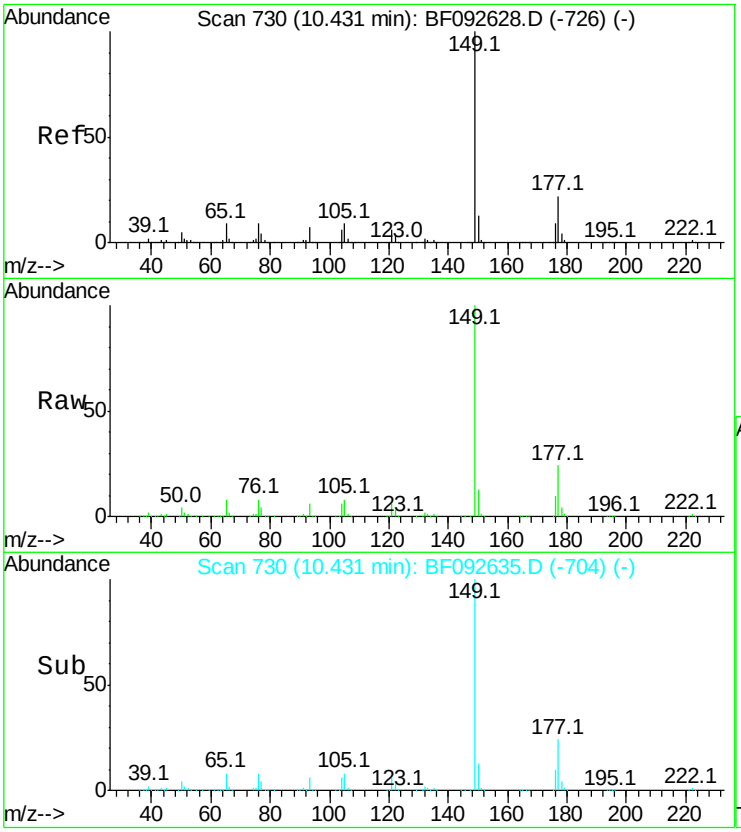


#56
2,4-Dinitrotoluene
Concen: 27.34 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:165 Resp: 194554

Ion	Ratio	Lower	Upper
165	100		
63	53.7	40.2	60.4
89	80.3	62.5	93.7
182	2.3	1.8	2.8



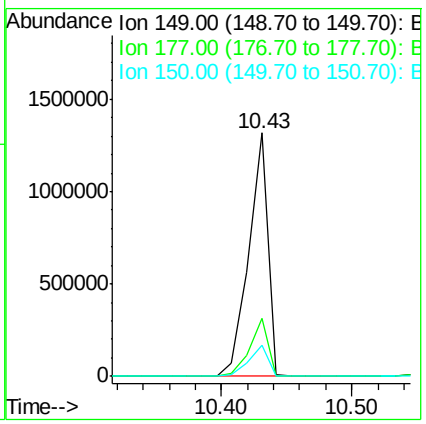


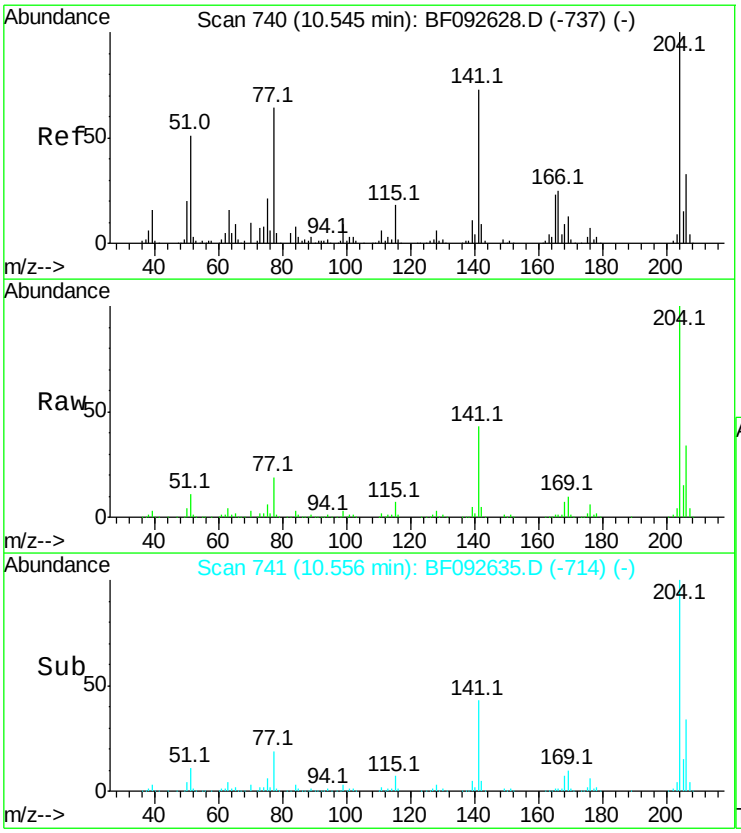
#59
Diethylphthalate
Concen: 57.93 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:149 Resp: 1351320

Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.6	25.0
150	12.6	10.4	15.6

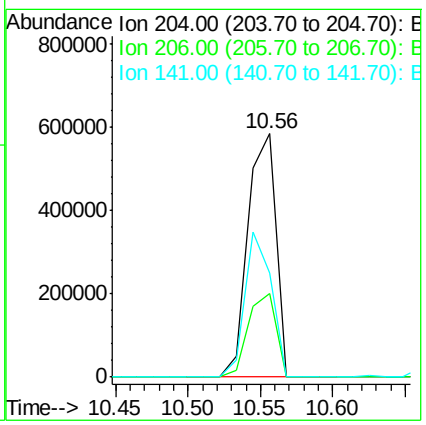


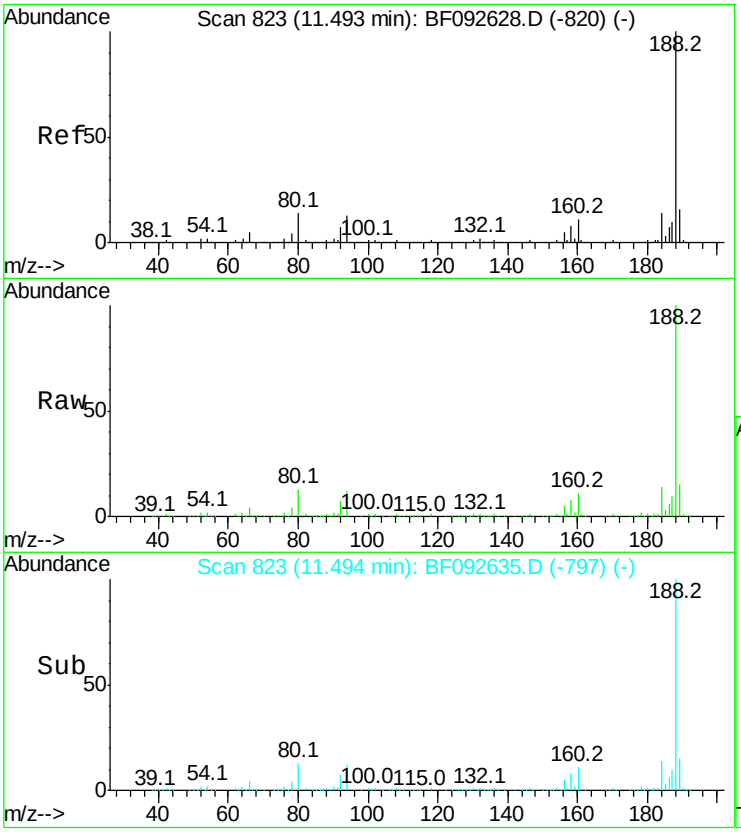


#60
4-Chlorophenyl-phenylether
Concen: 73.63 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:204 Resp: 782599

Ion	Ratio	Lower	Upper
204	100		
206	34.3	25.8	38.6
141	42.7	59.4	89.0#



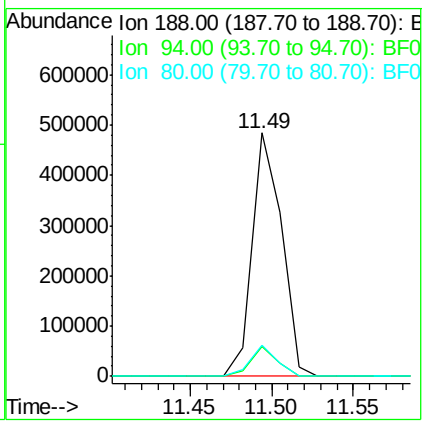


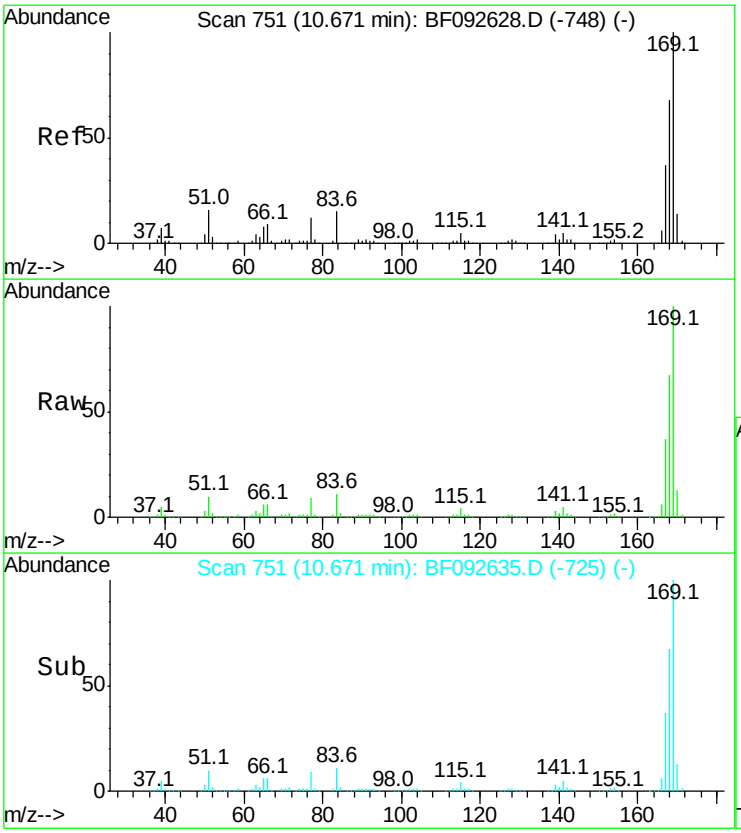
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:188 Resp: 608949

Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.0	15.0
80	13.0	11.2	16.8

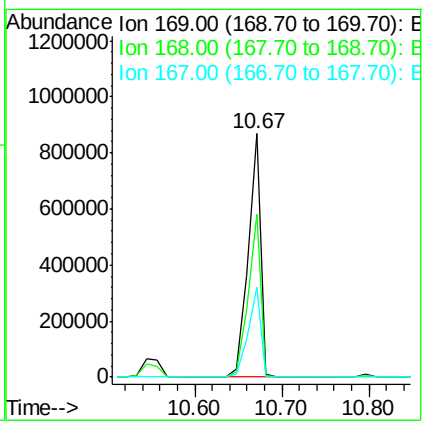


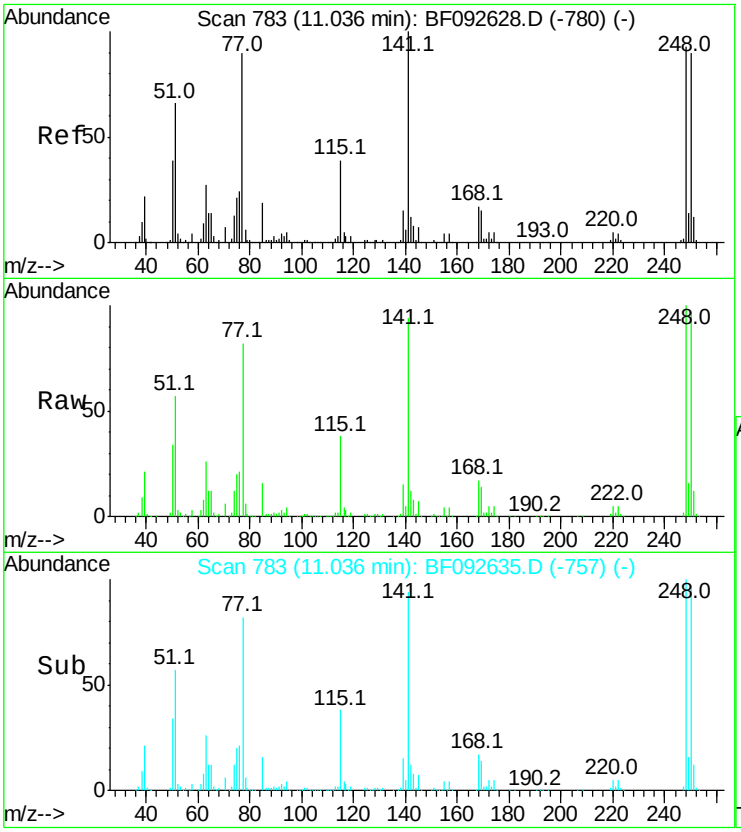


#65
n-Nitrosodiphenylamine
Concen: 44.84 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:169 Resp: 872208

Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.2	81.2
167	37.2	30.2	45.4



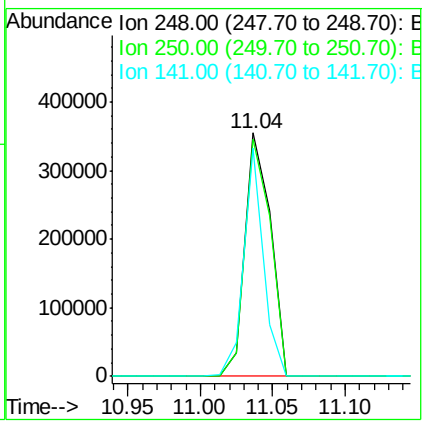


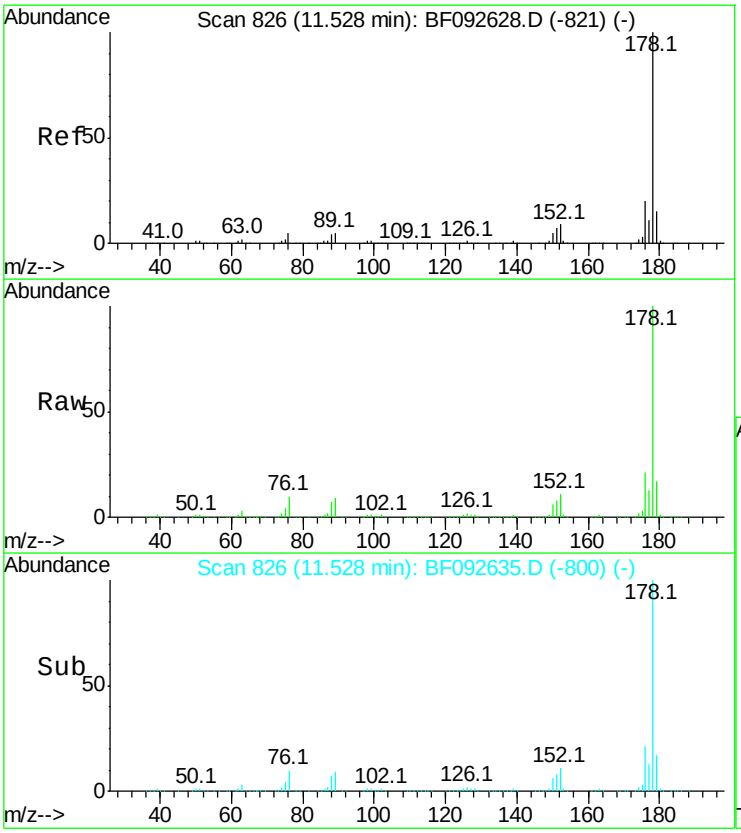
#66
4-Bromophenyl-phenylether
Concen: 68.34 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:248 Resp: 434765

Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	94.0	68.2	102.4

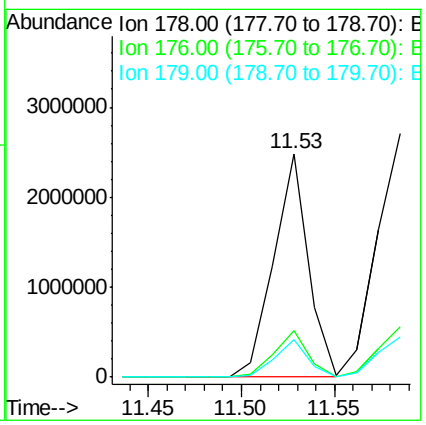


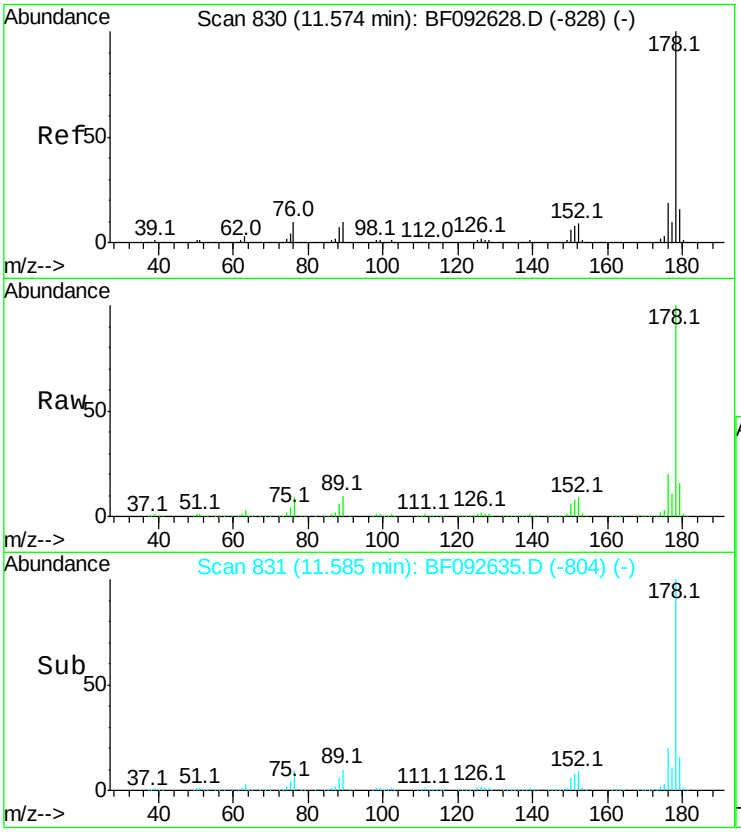


#70
Phenanthrene
Concen: 91.94 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:178 Resp: 3207423

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	25.0
179	16.6	12.8	19.2



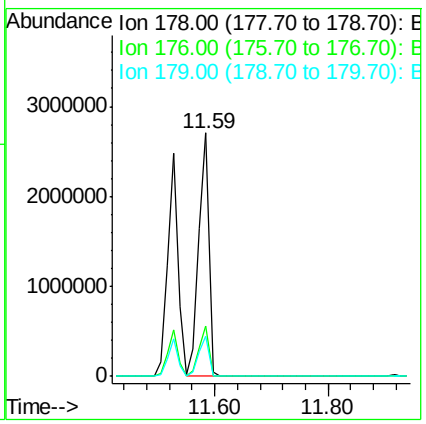


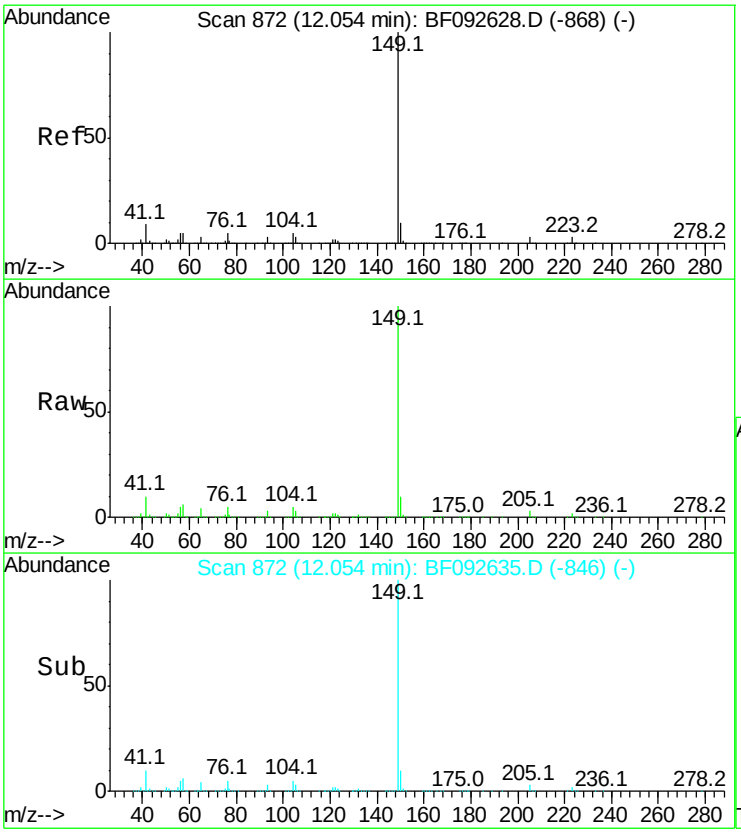
#71
Anthracene
Concen: 92.38 ng
RT: 11.59 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:178 Resp: 3236508

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	16.3	13.2	19.8

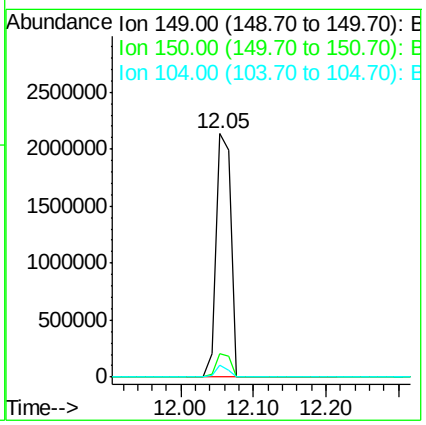


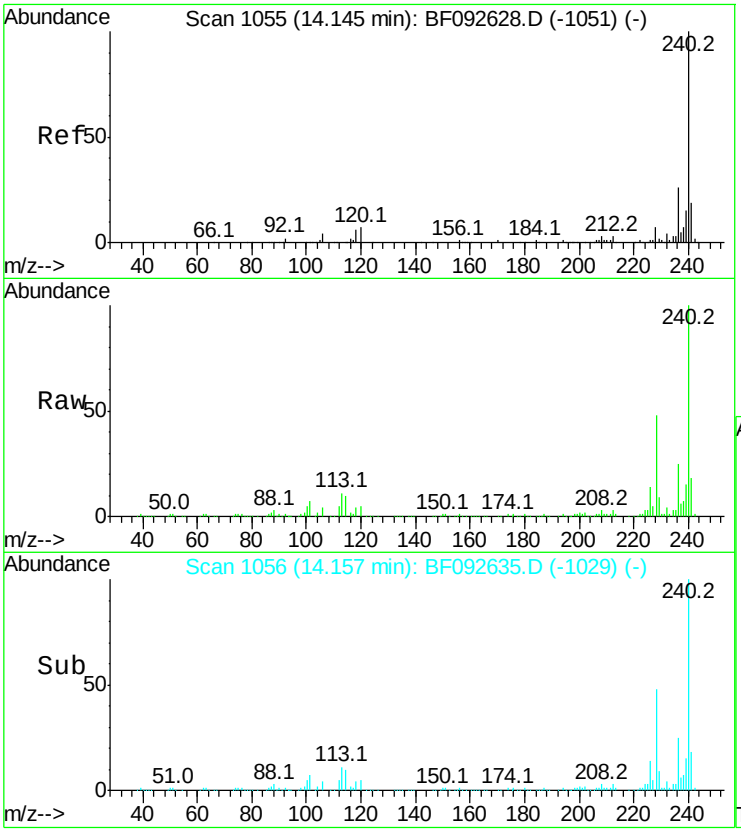


#73
Di-n-butylphthalate
Concen: 82.42 ng
RT: 12.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:149 Resp: 2985051

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.9	4.6	7.0



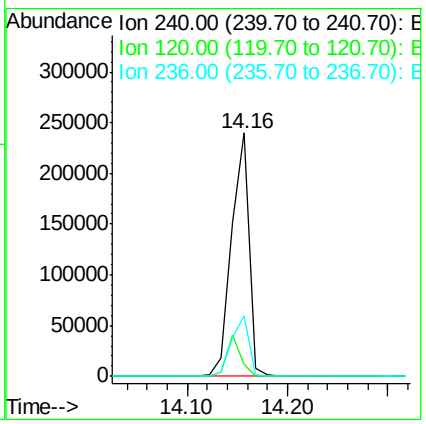


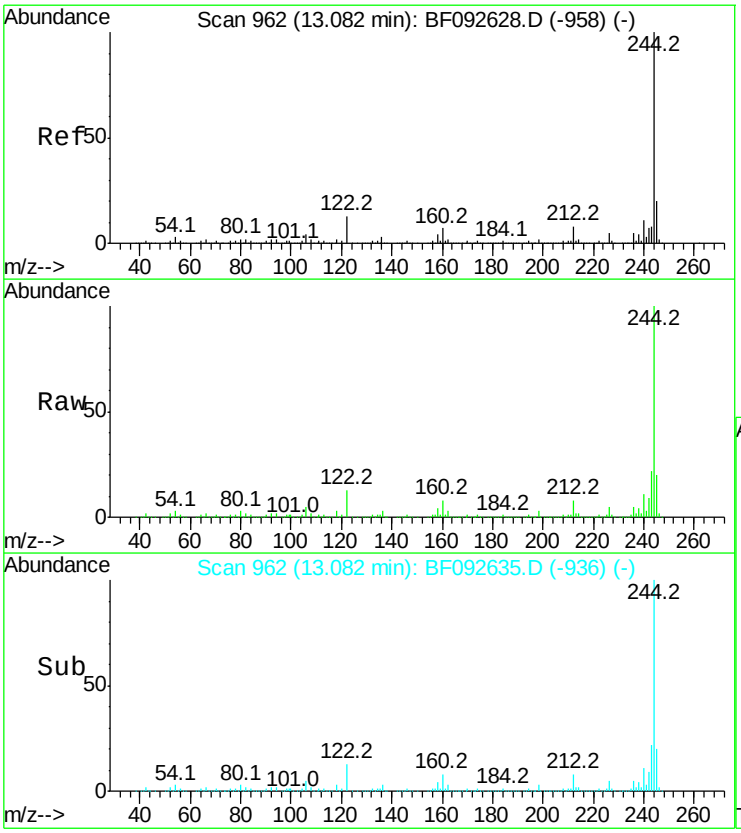
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:240 Resp: 289802

Ion	Ratio	Lower	Upper
240	100		
120	5.1	12.9	19.3#
236	25.1	20.9	31.3

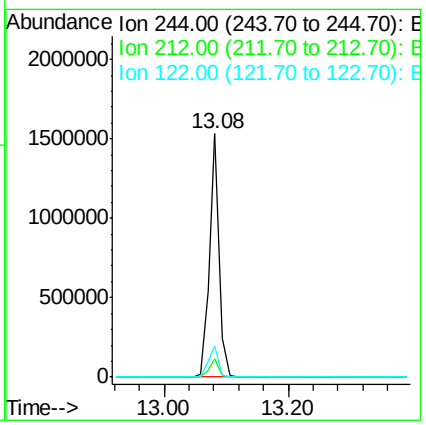


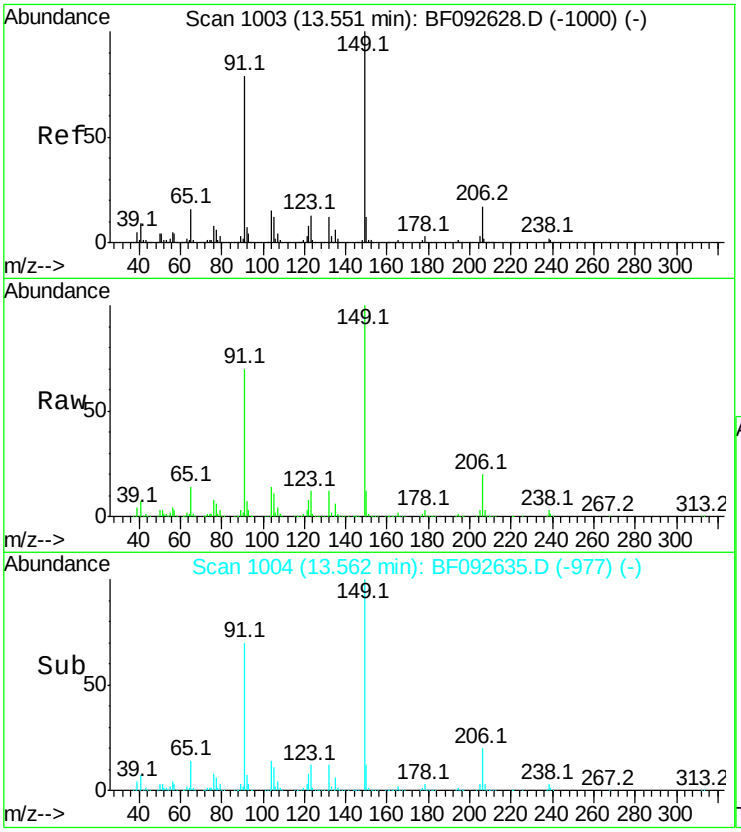


#78
Terphenyl-d14
Concen: 131.11 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:244 Resp: 1617064

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.9	11.4	17.2



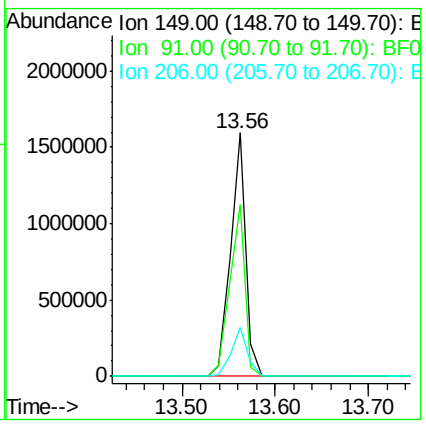


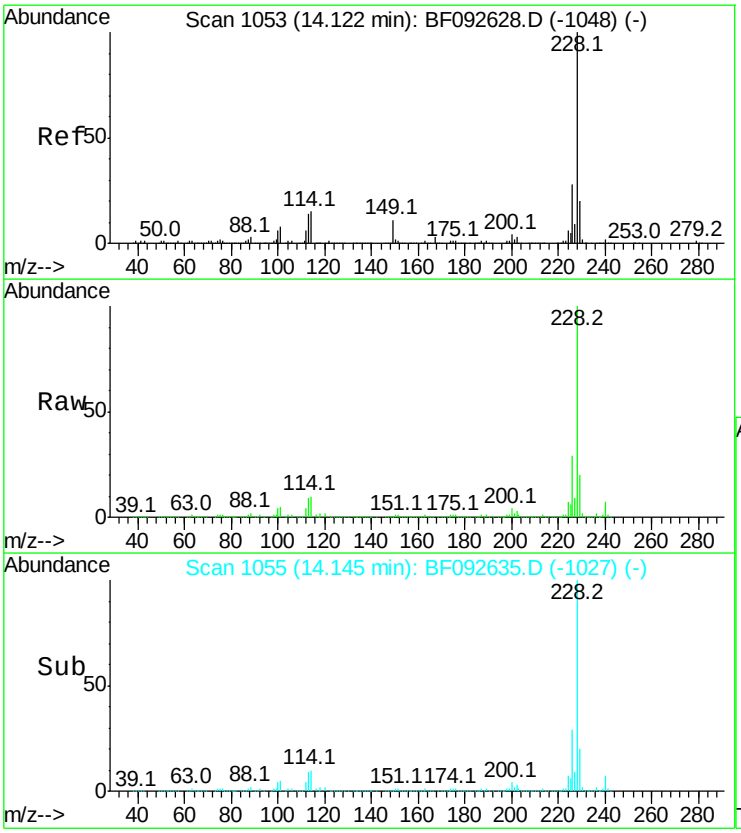
#79
Butylbenzylphthalate
Concen: 206.59 ng
RT: 13.56 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:149 Resp: 1819510

Ion	Ratio	Lower	Upper
149	100		
91	70.5	63.9	95.9
206	20.2	14.6	21.8

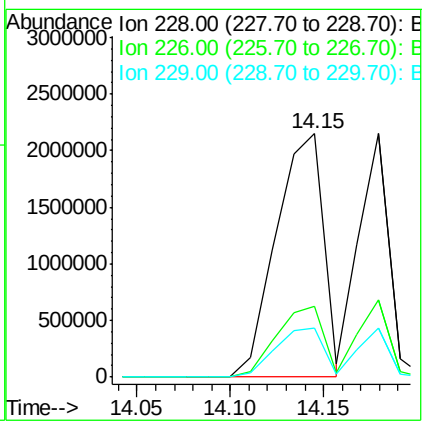


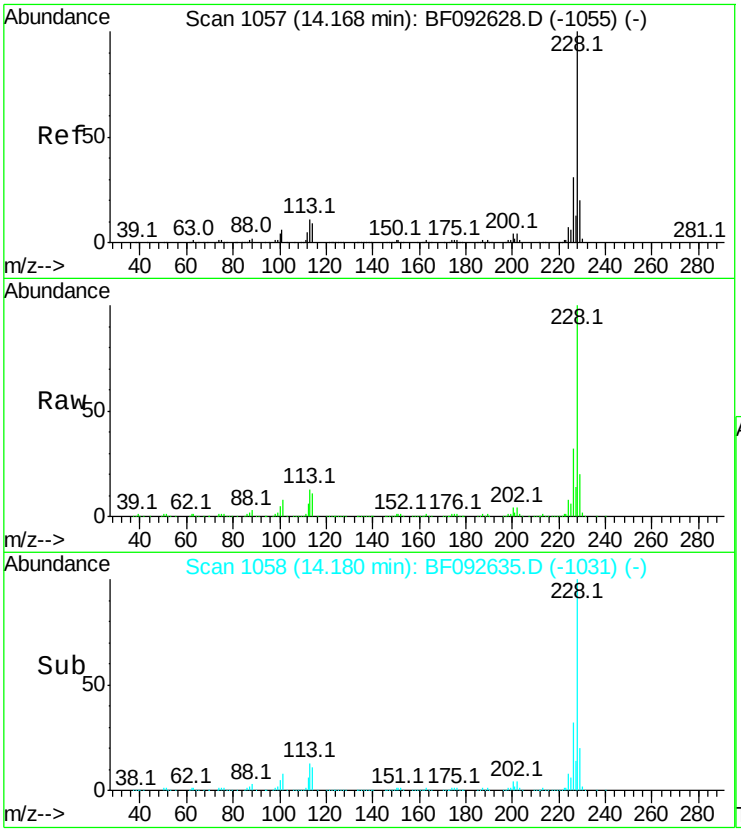


#80
Benzo(a)anthracene
Concen: 213.89 ng
RT: 14.15 min Scan# 1055
Delta R.T. 0.02 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:228 Resp: 3791177

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	20.3	16.2	24.4



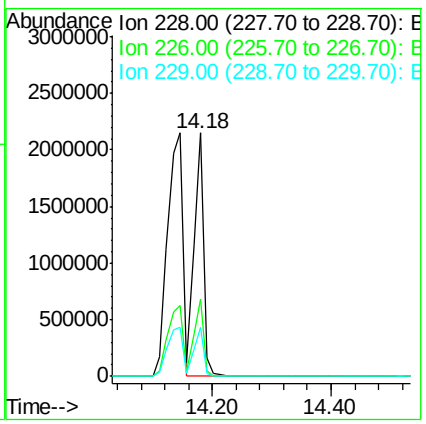


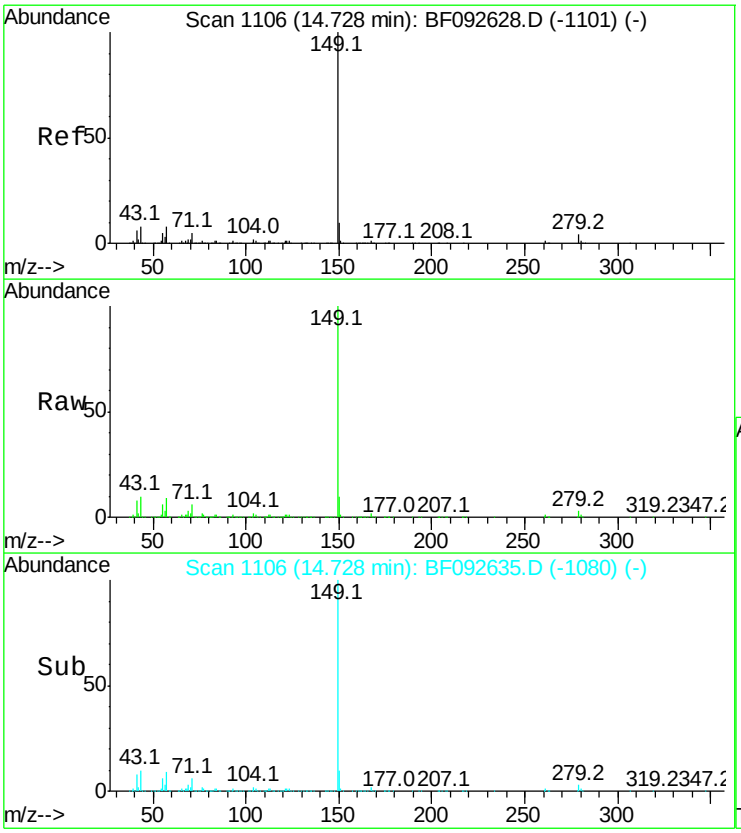
#82
Chrysene
Concen: 146.92 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:228 Resp: 2438241

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	20.3	16.2	24.2

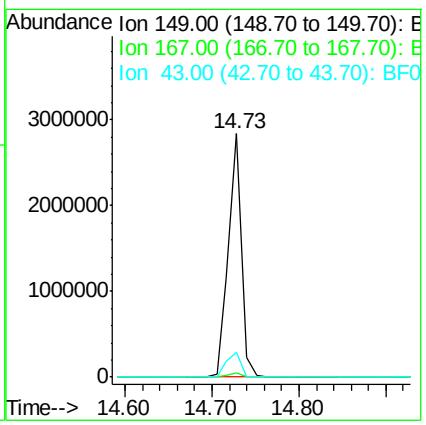


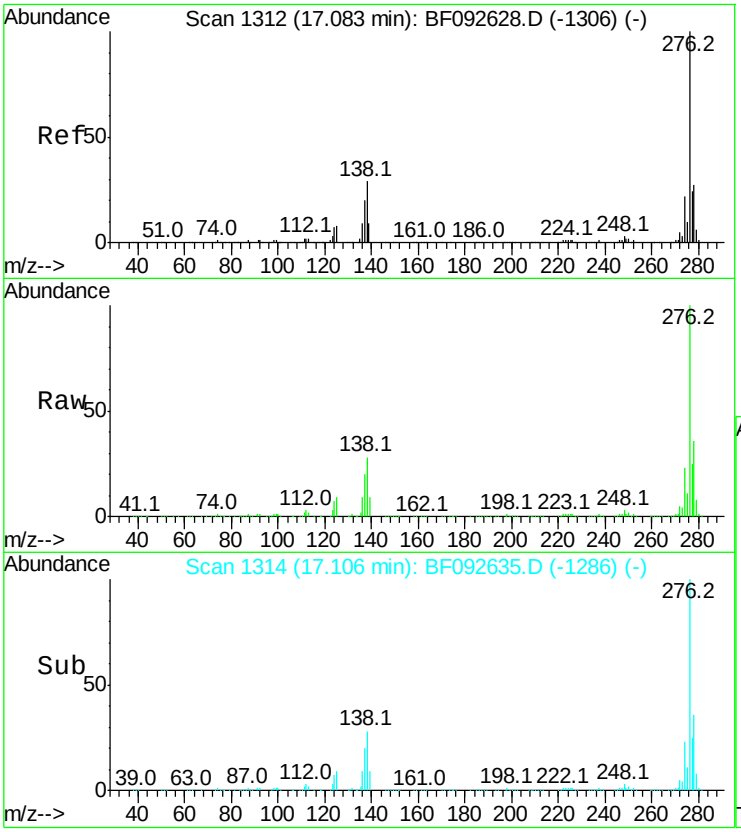


#84
Di-n-octyl phthalate
Concen: 149.68 ng
RT: 14.73 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:149 Resp: 2935747

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.5	8.9	13.3



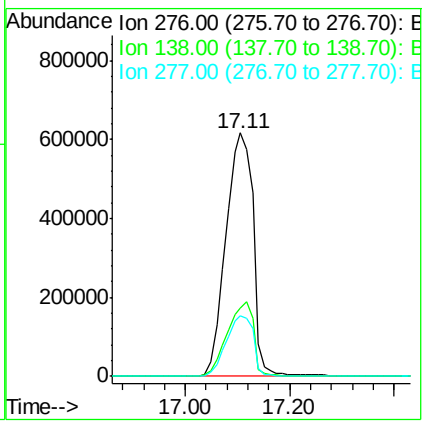


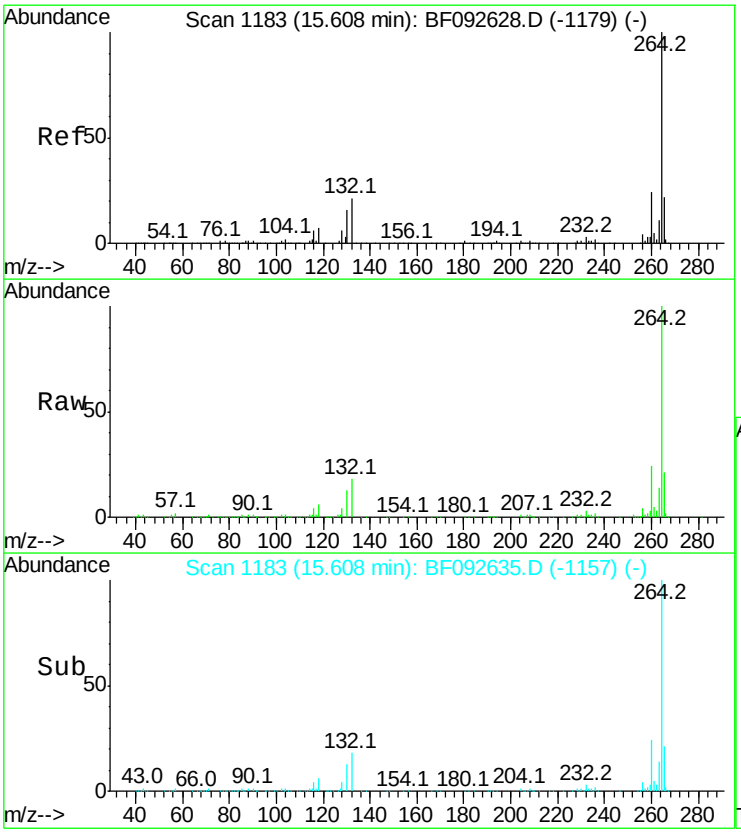
#85
Indeno(1,2,3-cd)pyrene
Concen: 174.12 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:276 Resp: 2238201

Ion	Ratio	Lower	Upper
276	100		
138	29.7	21.8	32.6
277	25.0	20.2	30.4

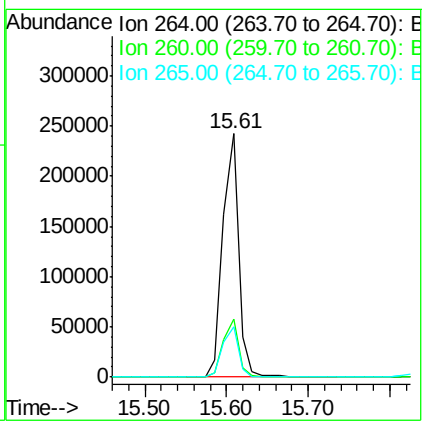


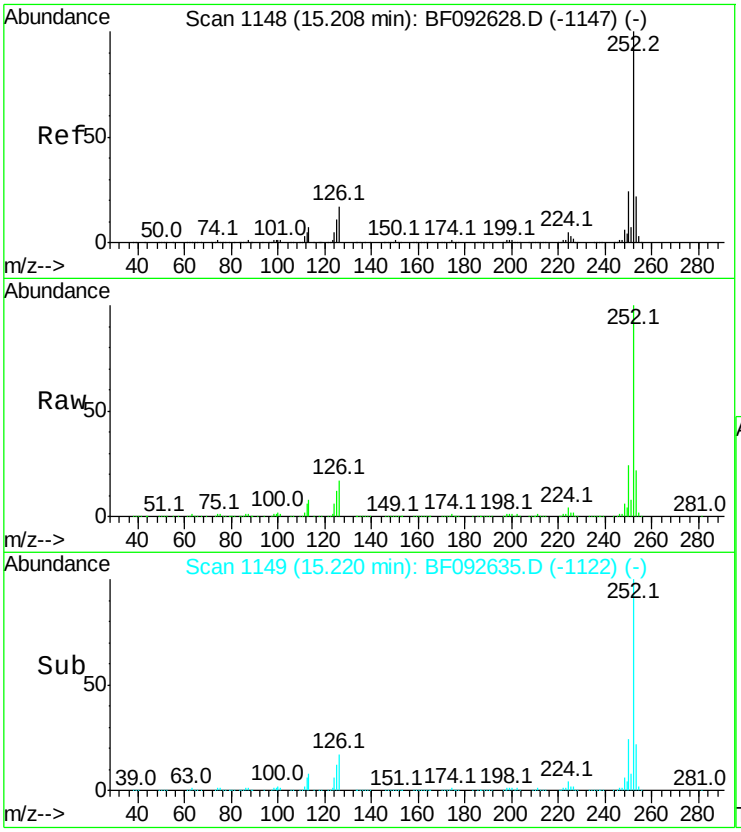


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:264 Resp: 325157

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.4	26.0



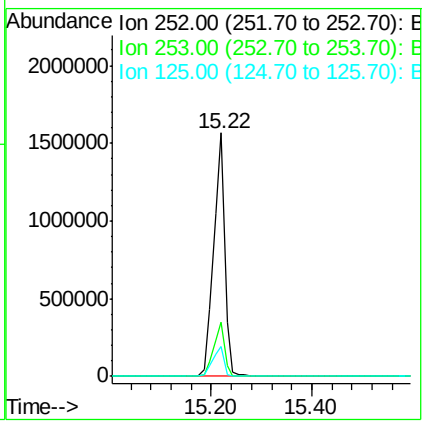


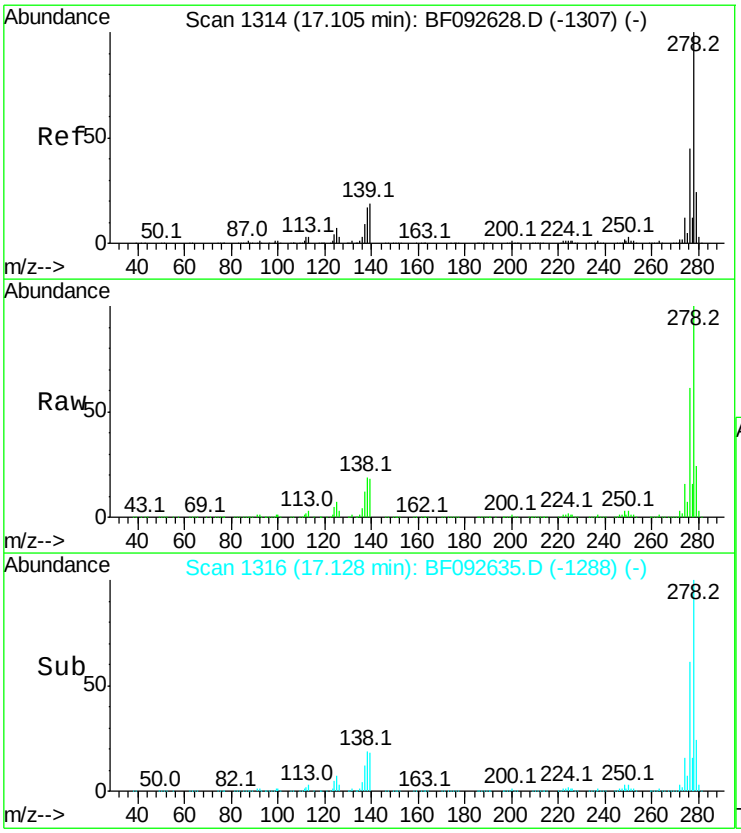
#88
Benzo(k)fluoranthene
Concen: 131.04 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:252 Resp: 2421442

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.1	8.9	13.3

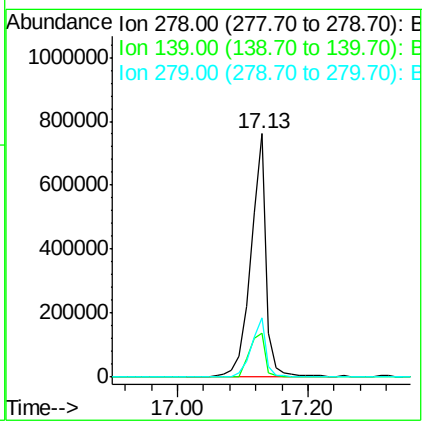


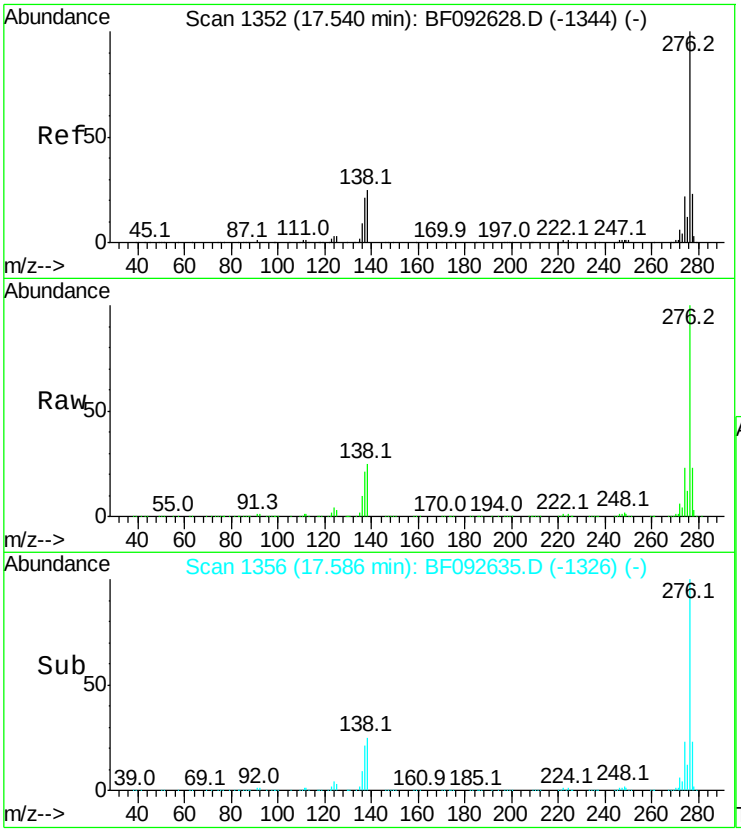


#90
Dibenzo(a,h)anthracene
Concen: 83.05 ng
RT: 17.13 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Tgt Ion:278 Resp: 1242670

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.8	22.2
279	24.3	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 187.19 ng
RT: 17.59 min Scan# 1356
Delta R.T. 0.05 min
Lab File: BF092635.D
Acq: 30 Jan 2017 15:55

Instrument :
BNA_F
ClientSampleId :
0036

Tgt Ion:276 Resp: 2829371

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	24.5	16.0	24.0#