Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Time: Sep 17 11:43:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136332	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	485503	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	209969	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	370346	20.00	ng		0.00
75) Chrysene-d12	13.85	240	317730	20.00	ng		0.00
86) Perylene-d12	15.26	264	369959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	820126	99.91	ng		0.00
7) Phenol-d6	6.35	99	1040382	98.29	ng		0.00
23) Nitrobenzene-d5	7.28	82	665449	76.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	222724	97.74	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1018798	76.02	ng		0.00
78) Terphenyl-d14	12.81	244	867293	64.70	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	34068	2.861	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	93604	13.379	ng	#	77
25) Isophorone	7.28	82	659368	44.314	ng	#	64
31) Naphthalene	8.02	128	86355	3.832	ng		98
48) Acenaphthylene	9.61	152	52138	2.570	ng		99
49) Dimethylphthalate	9.47	163	126128	8.404	ng	#	99
51) Acenaphthene	9.78	154	81688	6.468	ng		98
54) Dibenzofuran	9.95	168	77961	4.271	ng		96
55) 4-Nitrophenol	9.95	139	29561	10.238	ng	#	11
57) Fluorene	10.29	166	144362	11.869	ng		96
66) 4-Bromophenyl-phenylether	10.53	248	13913	3.332	ng	#	1
70) Phenanthrene	11.25	178	1165514	64.200	ng		98
71) Anthracene	11.30	178	396200	21.529	ng		98
72) Carbazole	11.45	167	72725	3.992	ng		100
74) Fluoranthene	12.44	202	1846176	96.327	ng		97
77) Pyrene	12.67	202	1663569	70.489	ng		98
80) Benzo(a)anthracene	13.85	228	970848	50.469	ng		97
82) Chrysene	13.88	228	830668	43.160	ng		97
83) Bis(2-ethylhexyl)phthalate	13.85	149	30336	2.377	ng		100
87) Benzo(b)fluoranthene	14.87	252	1504857	73.526	ng		97
88) Benzo(k)fluoranthene	14.87	252	1504857	78.721	ng		98
89) Benzo(a)pyrene	15.21	252	827450	45.524	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	101101	6.621	ng		95
91) Benzo(g,h,i)perylene	17.02	276	385773	25.268	ng		94

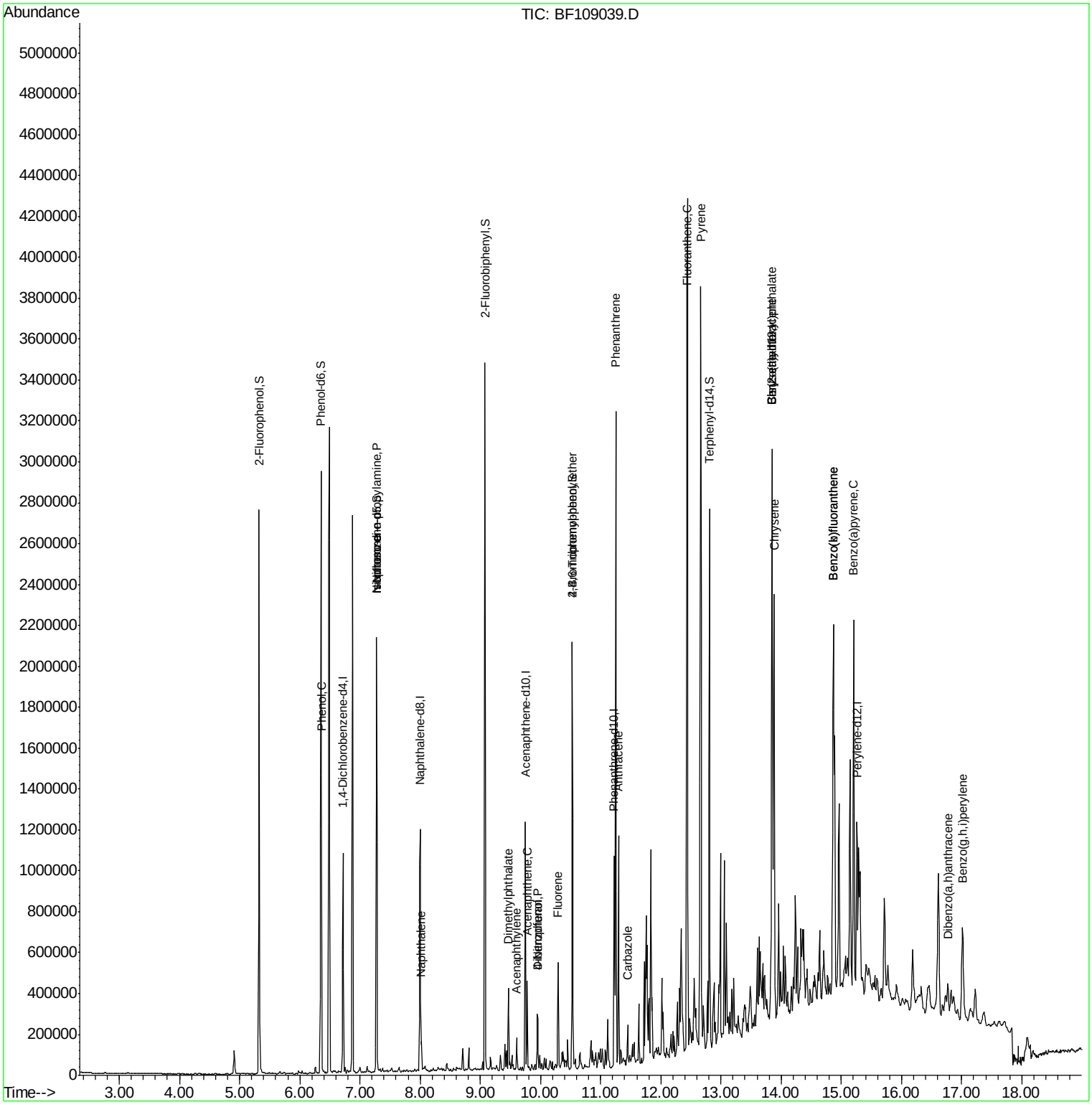
(#) = qualifier out of range (m) = manual integration (+) = signals summed

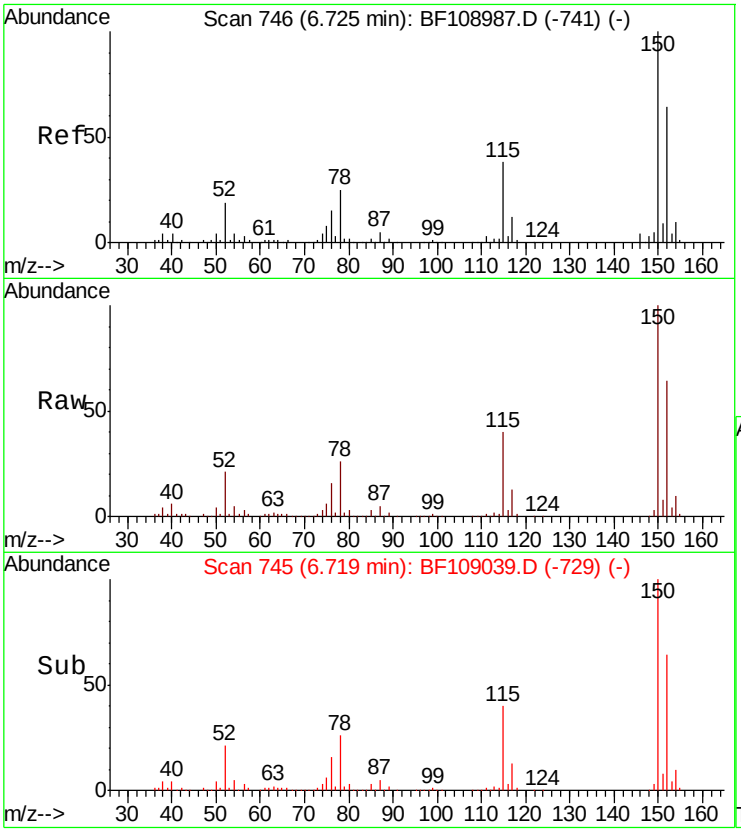
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Quant Time: Sep 17 11:43:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



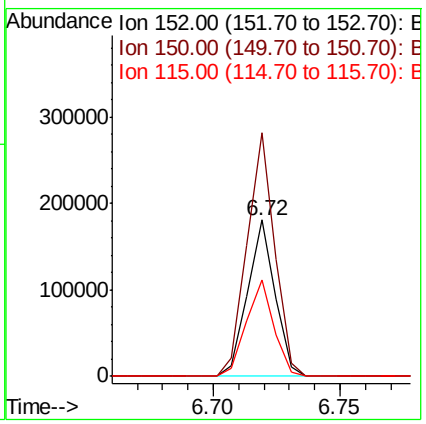


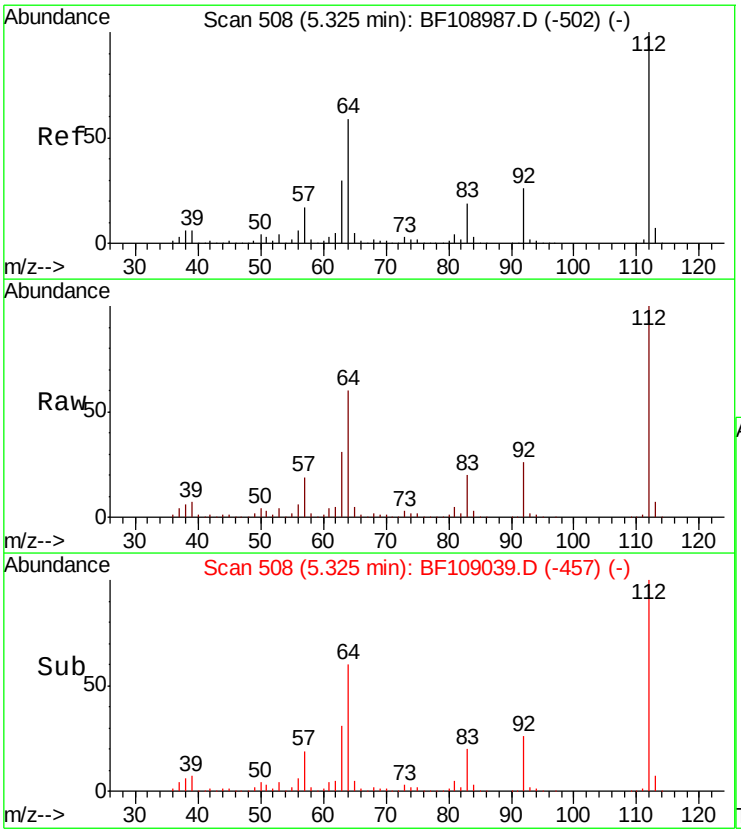
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:152 Resp: 136332

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	61.7	50.1	75.1

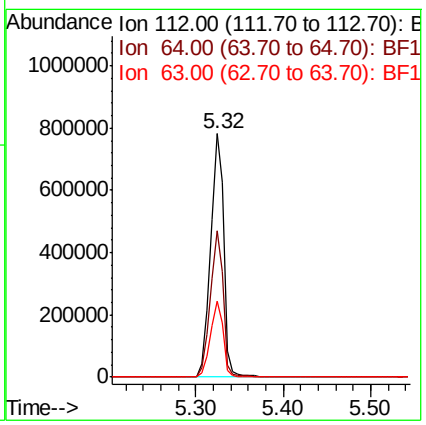


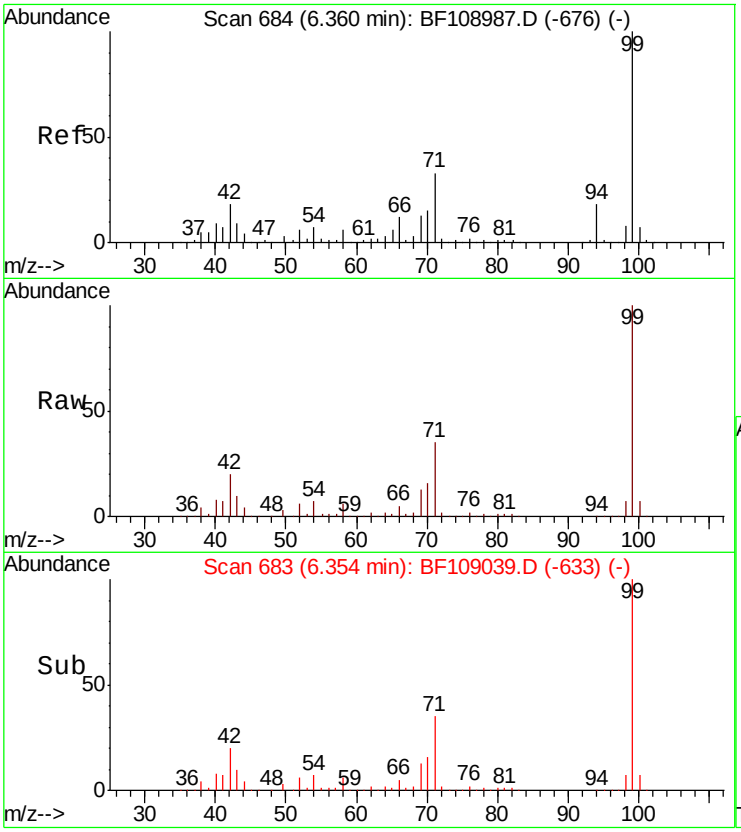


#5
2-Fluorophenol
Concen: 99.913 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:112 Resp: 820126

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	31.4	23.7	35.5



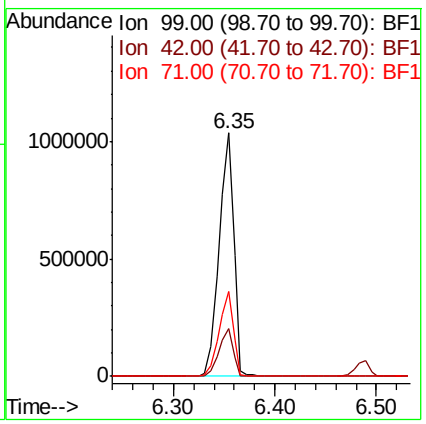


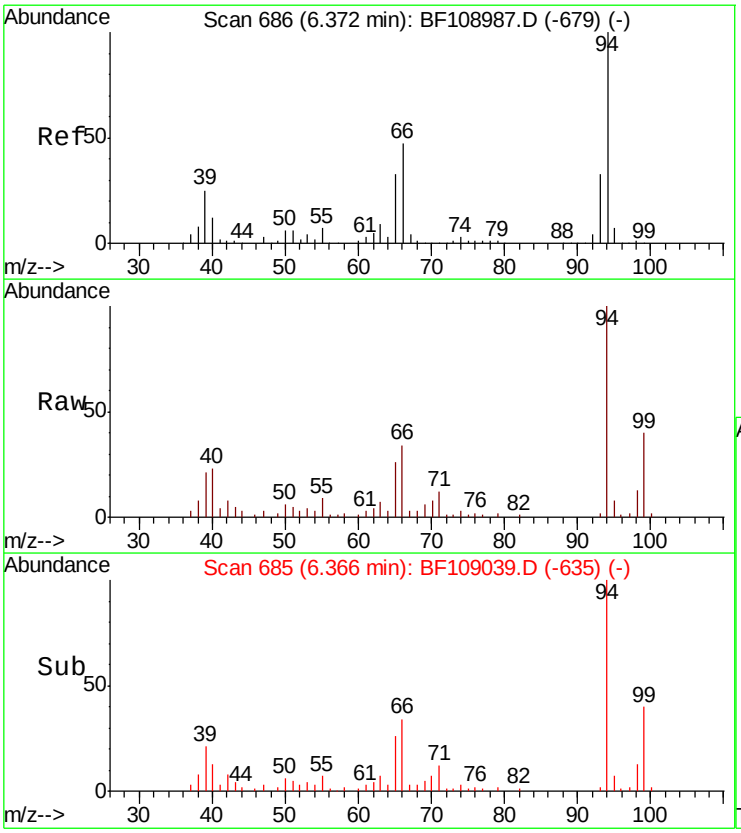
#7
Phenol-d6
Concen: 98.294 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion: 99 Resp: 1040382

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	35.0	25.4	38.0

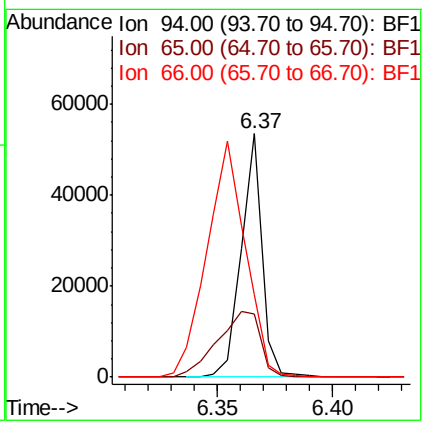


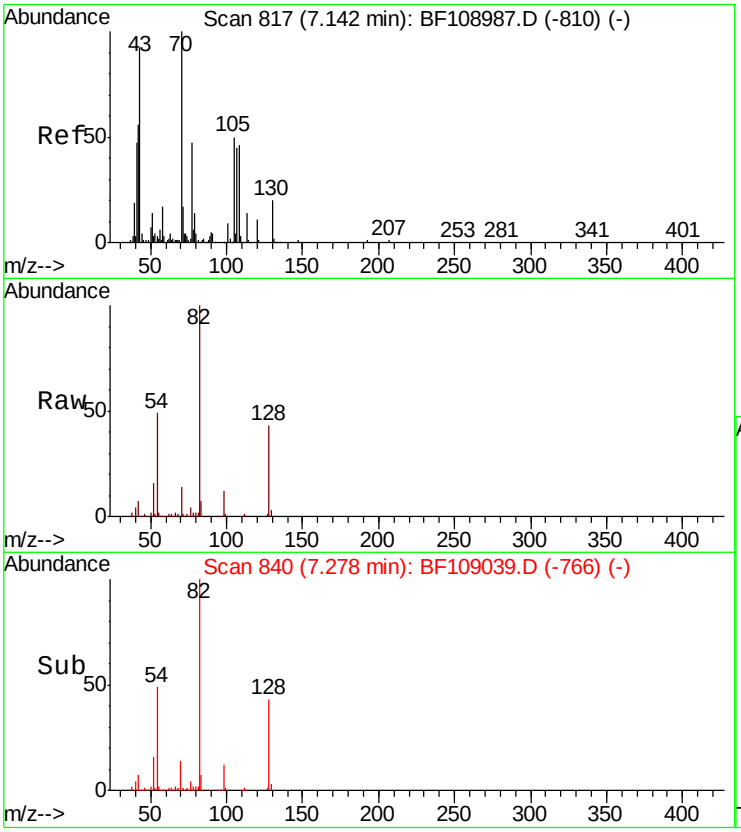


#10
Phenol
Concen: 2.861 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion: 94 Resp: 34068

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	34.0	16.2	56.2



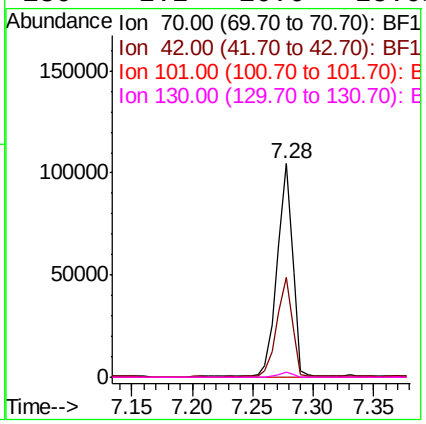


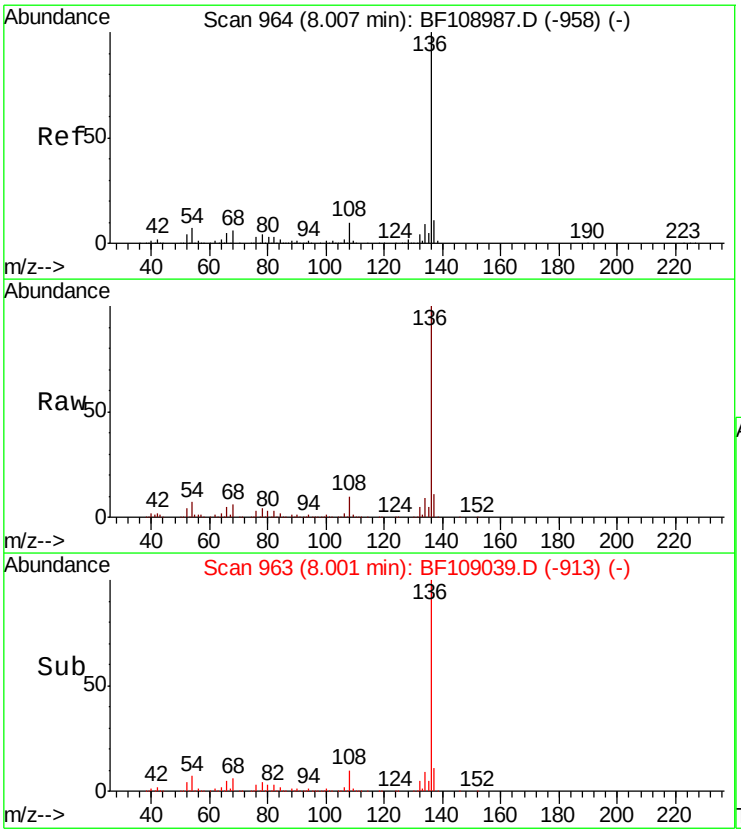
#19
n-Nitroso-di-n-propylamine
Concen: 13.379 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion: 70 Resp: 93604

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

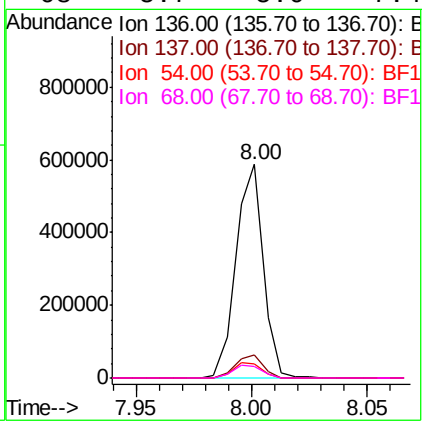


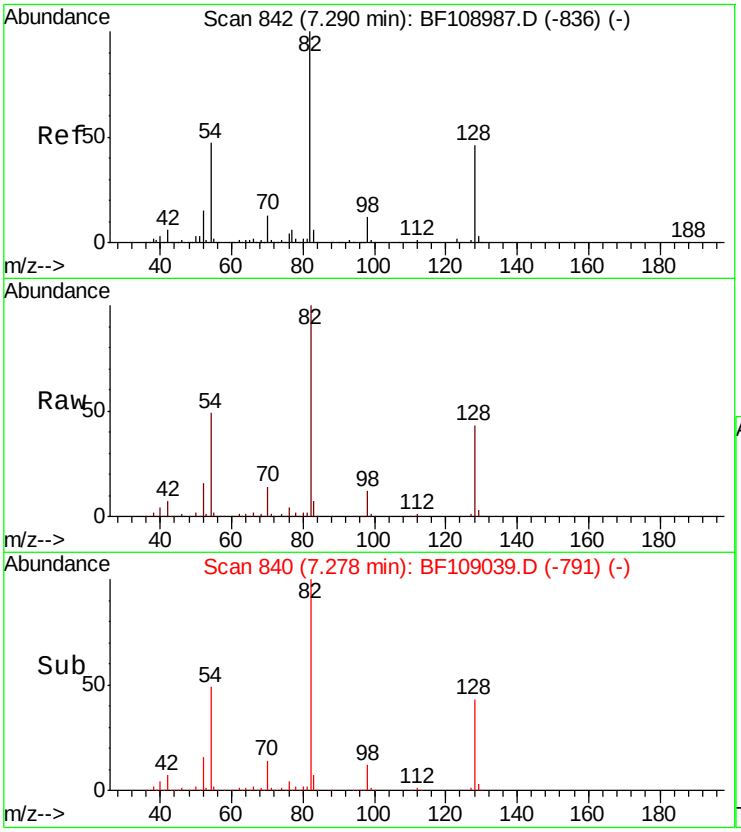


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:136 Resp: 485503

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.7	5.0	7.4



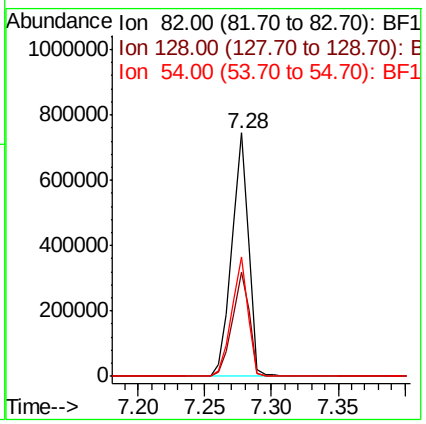


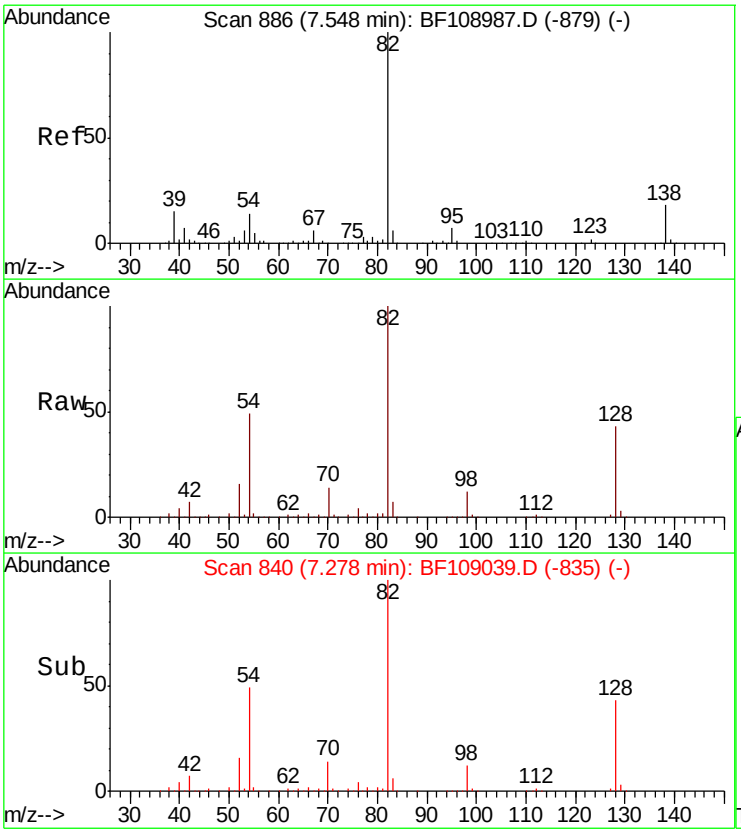
#23
Nitrobenzene-d5
Concen: 76.877 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion: 82 Resp: 665449

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	48.8	41.4	62.2

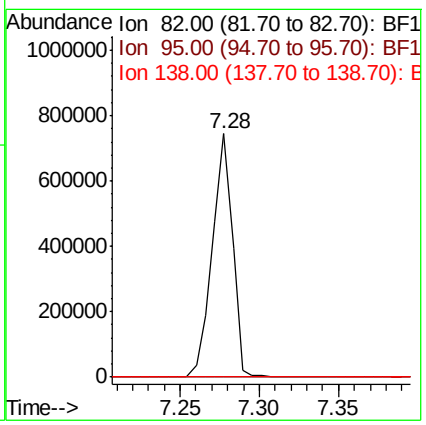


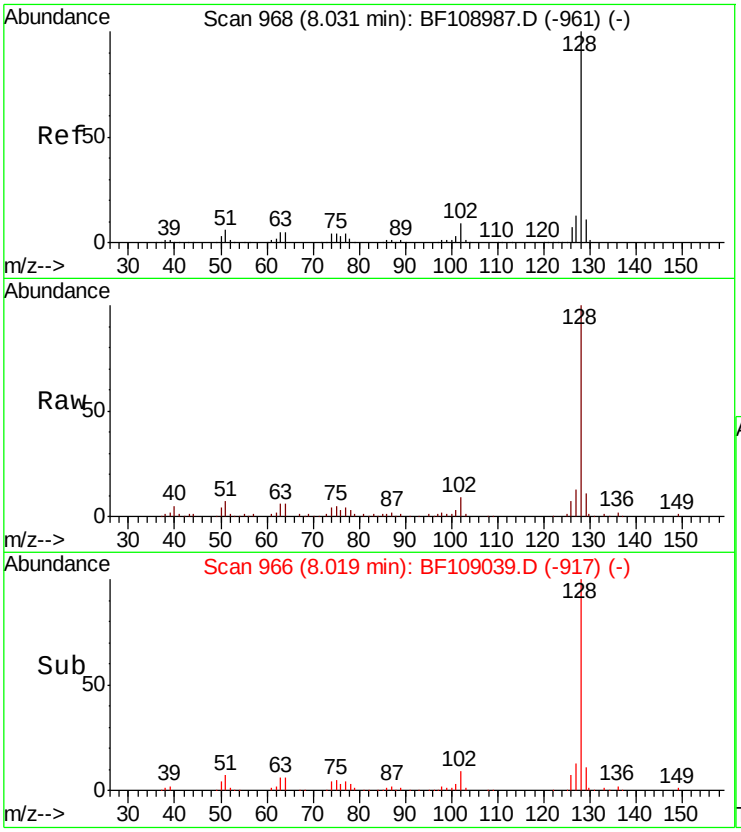


#25
Isophorone
Concen: 44.314 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion: 82 Resp: 659368

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



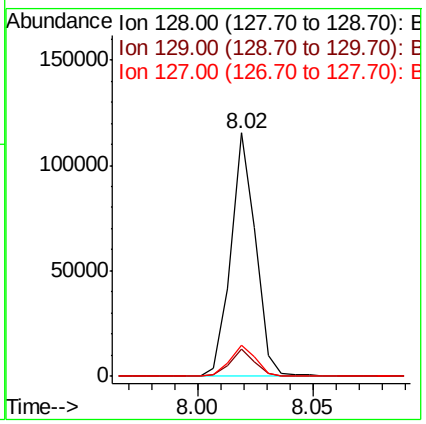


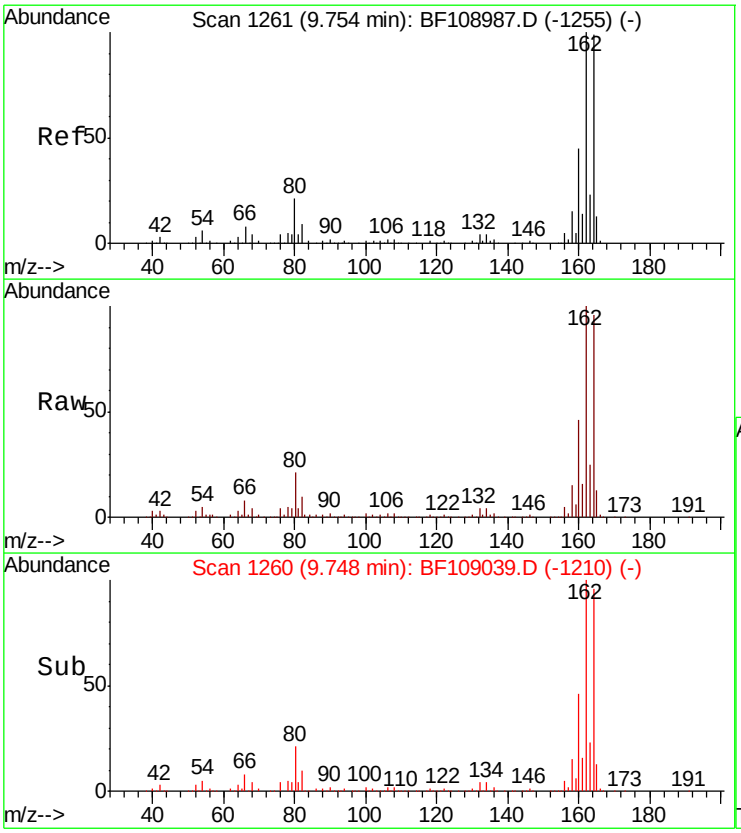
#31
Naphthalene
Concen: 3.832 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:128 Resp: 86355

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.9	10.9	16.3

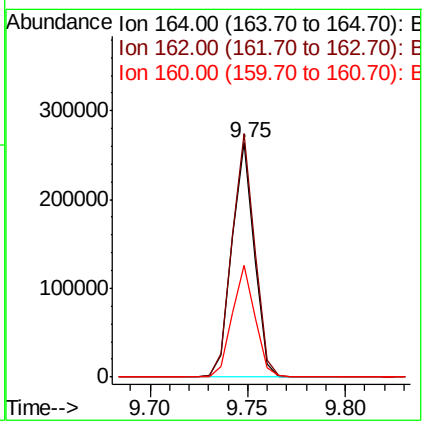


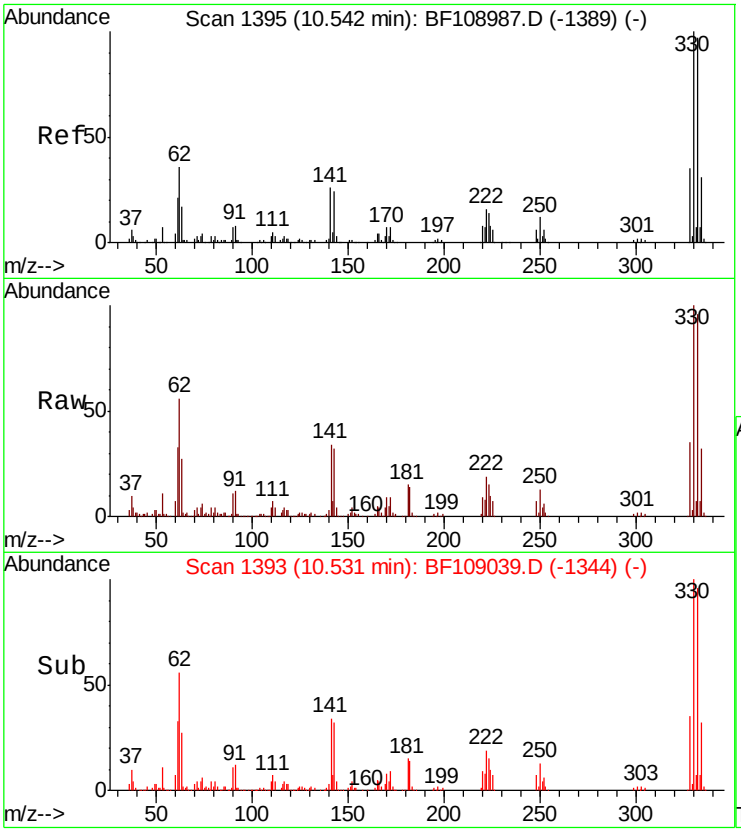


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:164 Resp: 209969

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.9	38.3	57.5



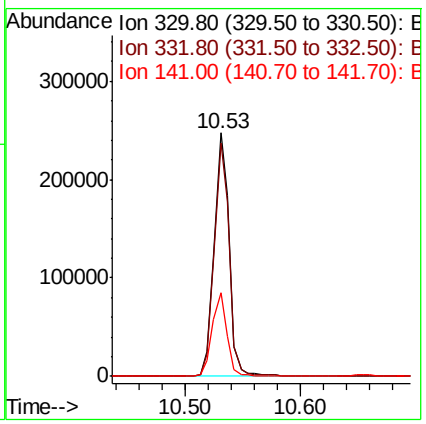


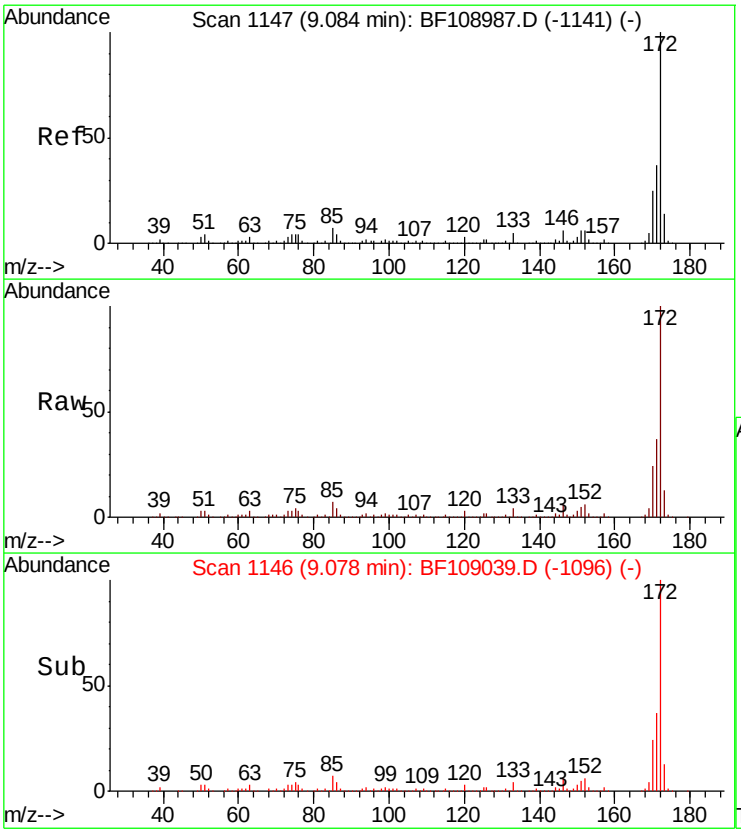
#41
2,4,6-Tribromophenol
Concen: 97.741 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:330 Resp: 222724

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.8	29.9	44.9

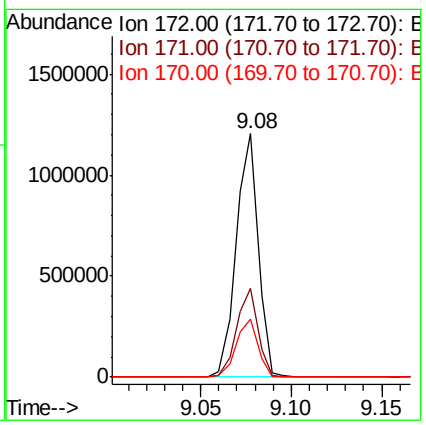


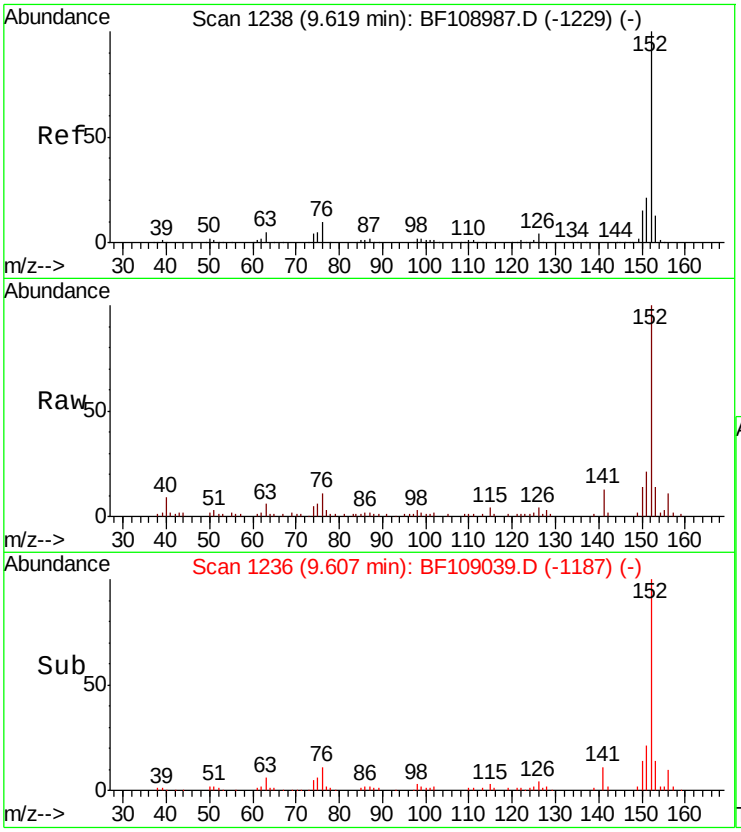


#44
2-Fluorobiphenyl
Concen: 76.020 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:172 Resp: 1018798

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



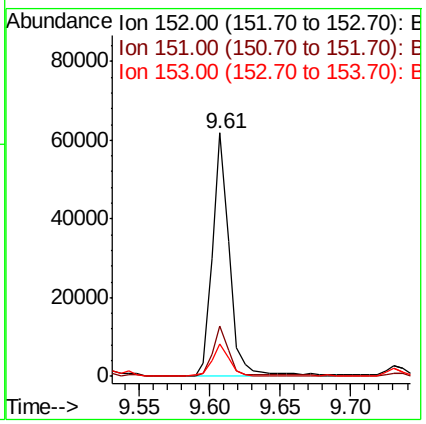


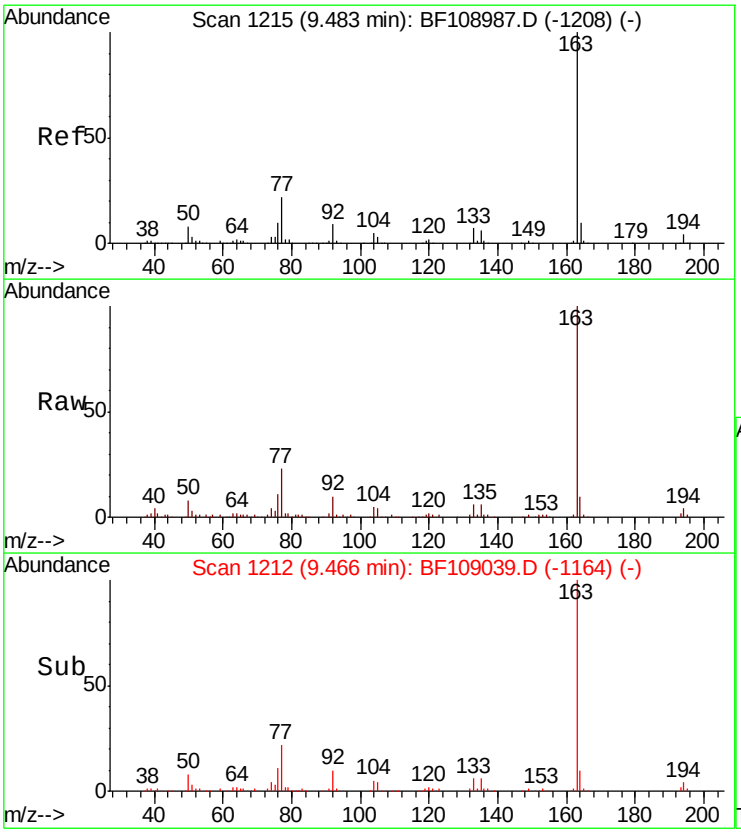
#48
Acenaphthylene
Concen: 2.570 ng
RT: 9.61 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:152 Resp: 52138

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.5	10.7	16.1

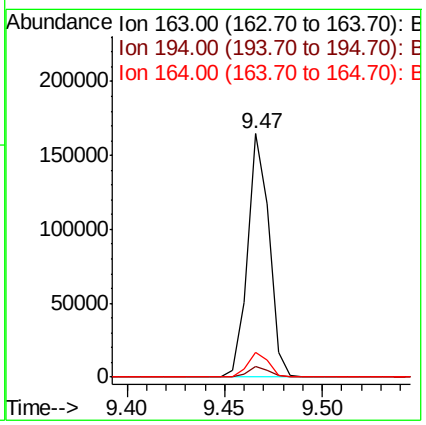


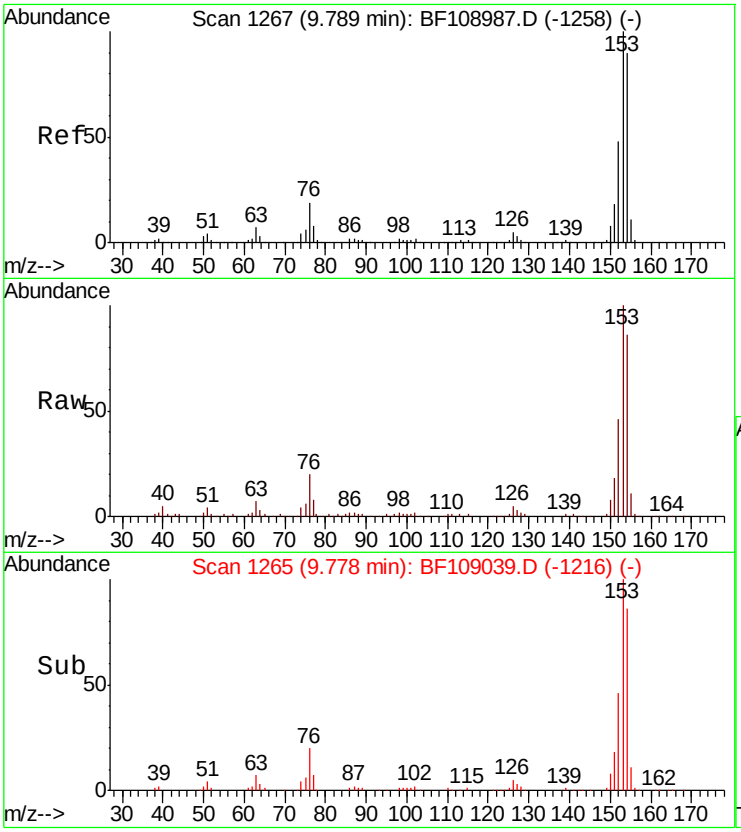


#49
Dimethylphthalate
Concen: 8.404 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:163 Resp: 126128

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.2	8.2	12.2



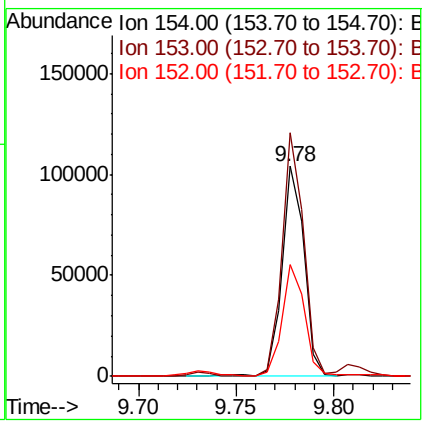


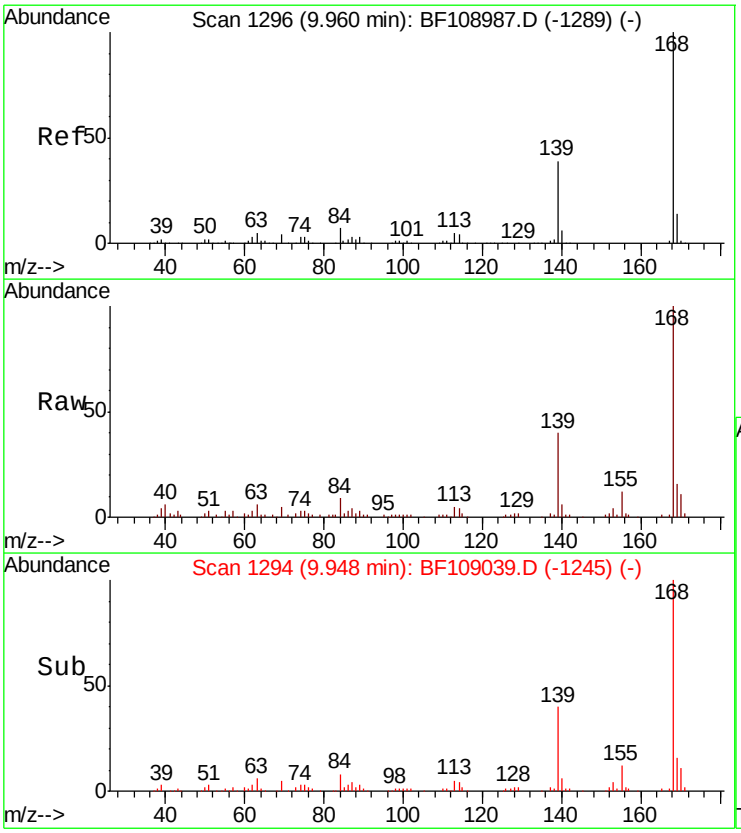
#51
Acenaphthene
Concen: 6.468 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:154 Resp: 81688

Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.2	136.8
152	53.3	43.8	65.8

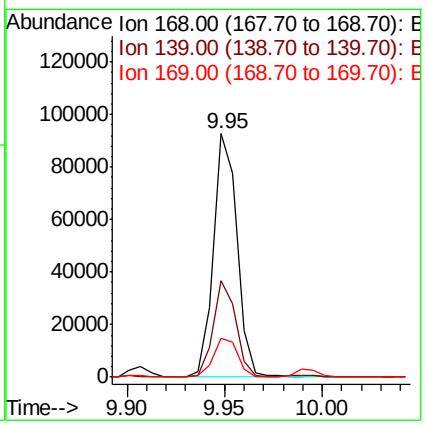


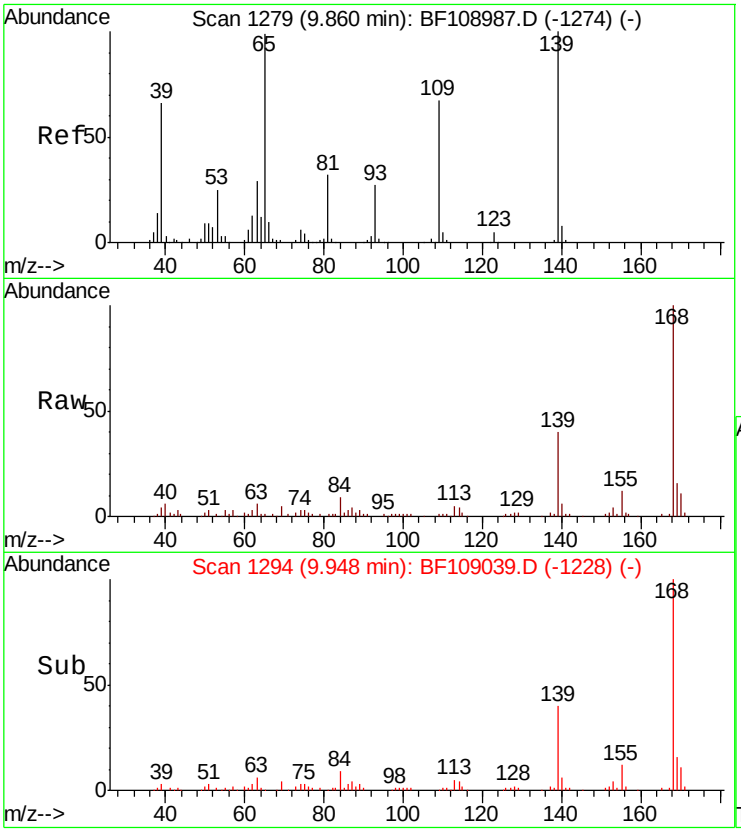


#54
Dibenzofuran
Concen: 4.271 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:168 Resp: 77961

Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	16.0	10.9	16.3



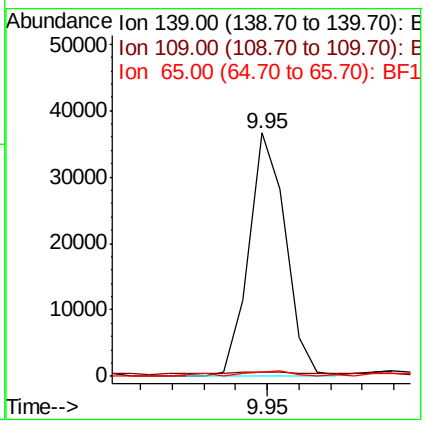


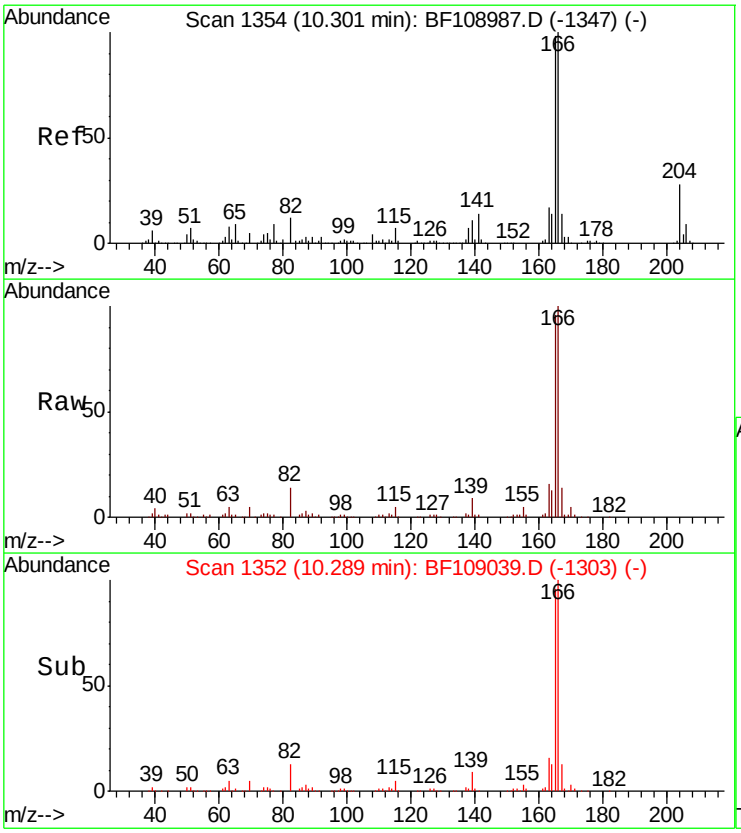
#55
4-Nitrophenol
Concen: 10.238 ng
RT: 9.95 min Scan# 1294
Delta R.T. 0.09 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:139 Resp: 29561

Ion	Ratio	Lower	Upper
139	100		
109	2.0	48.4	88.4#
65	2.0	72.6	112.6#

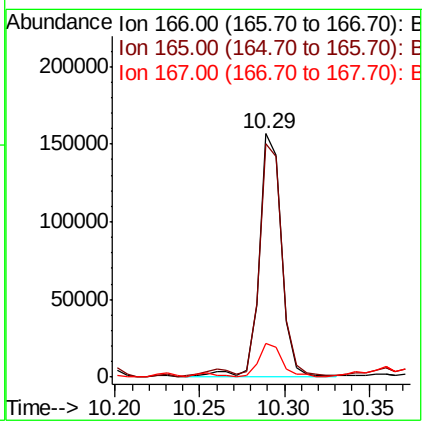


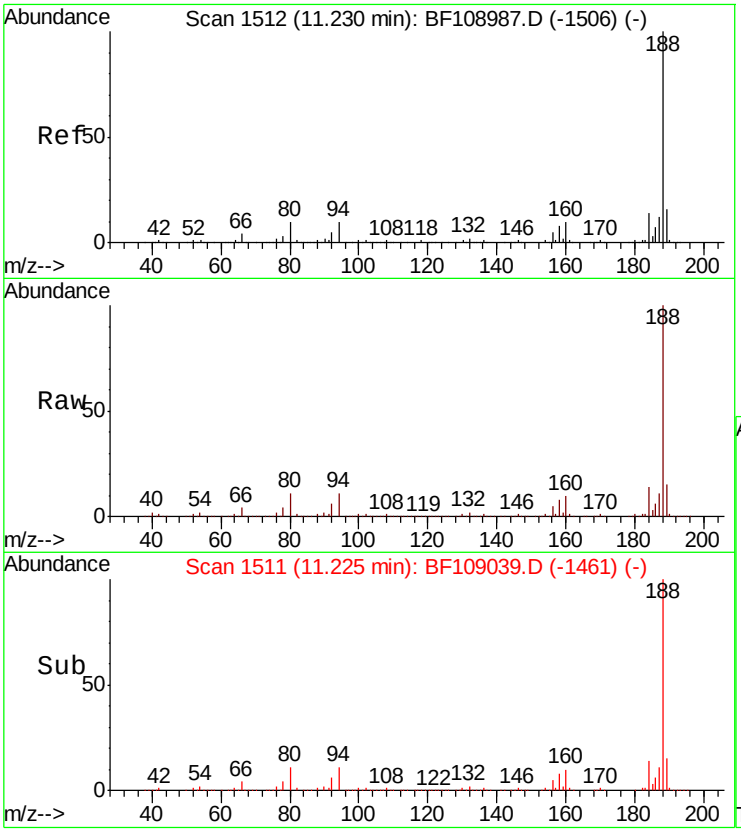


#57
Fluorene
Concen: 11.869 ng
RT: 10.29 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:166 Resp: 144362

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.8	119.8
167	13.6	10.6	16.0



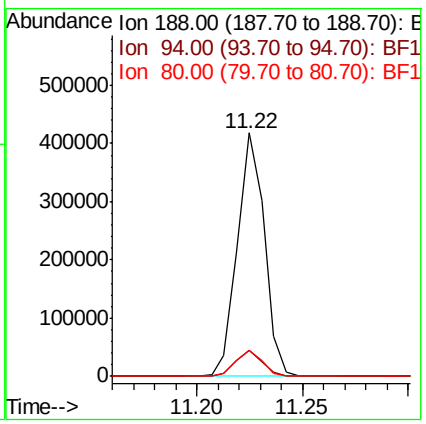


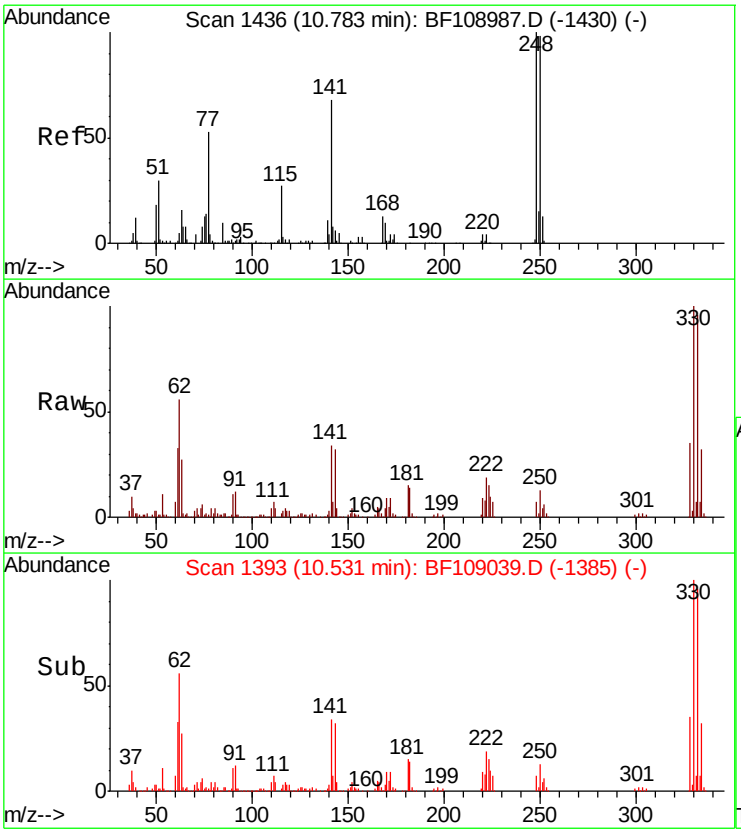
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:188 Resp: 370346

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.7	9.2	13.8

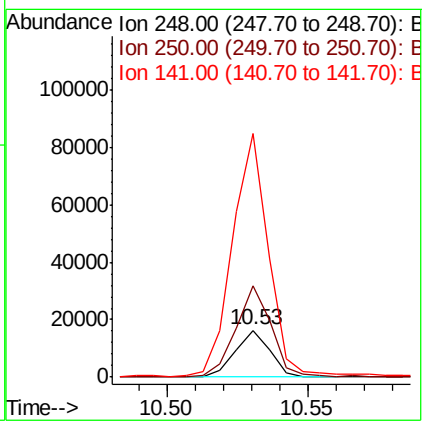


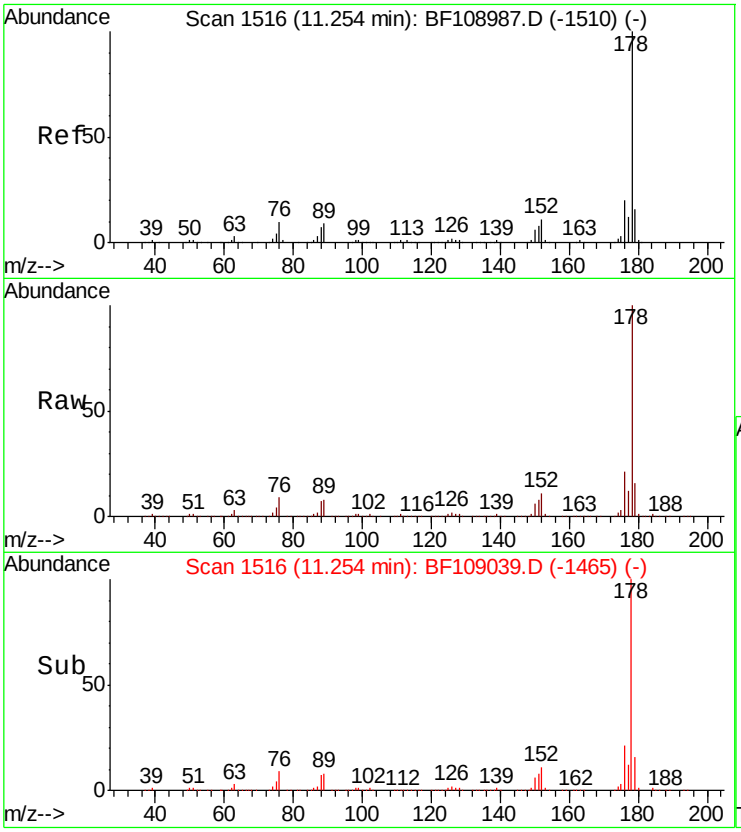


#66
4-Bromophenyl-phenylether
Concen: 3.332 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:248 Resp: 13913

Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.9	115.3#
141	522.0	74.4	111.6#



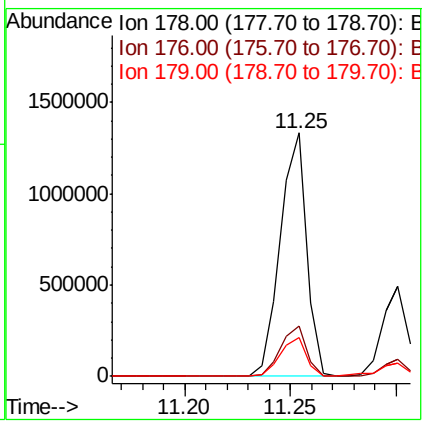


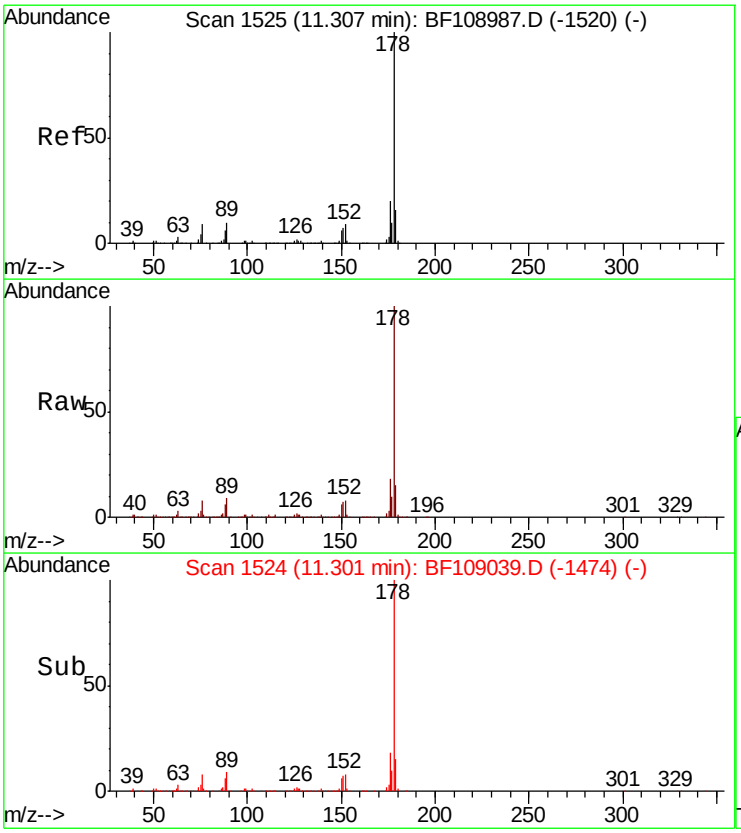
#70
Phenanthrene
Concen: 64.200 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:178 Resp: 1165514

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	15.8	13.0	19.6

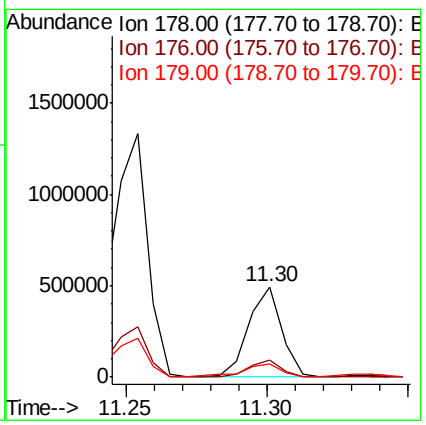


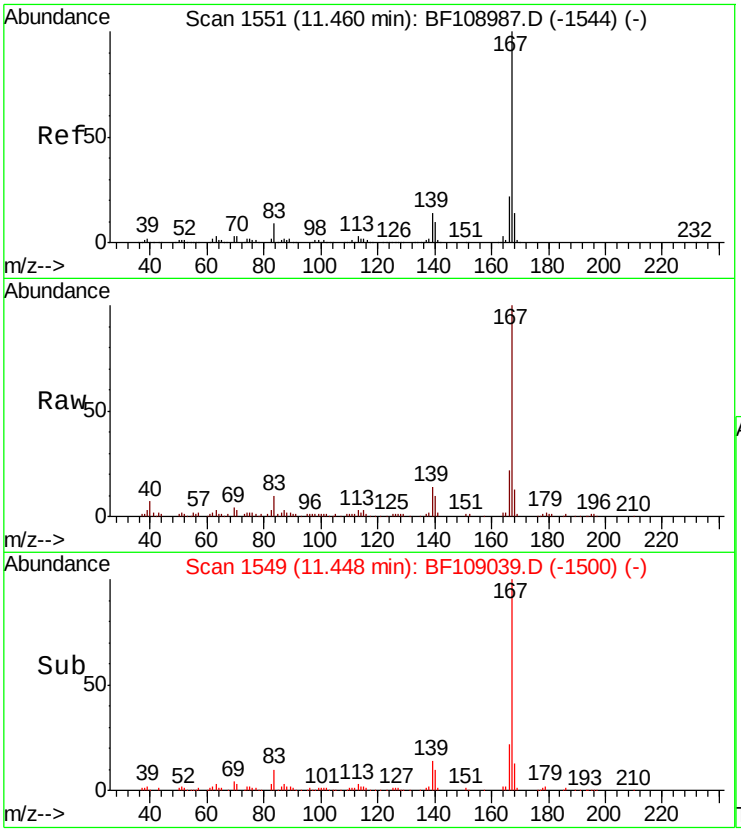


#71
Anthracene
Concen: 21.529 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:178 Resp: 396200

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.3	12.6	19.0



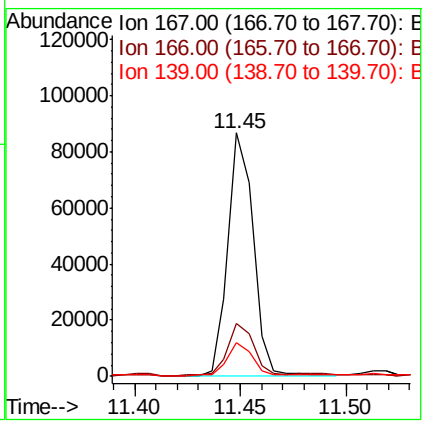


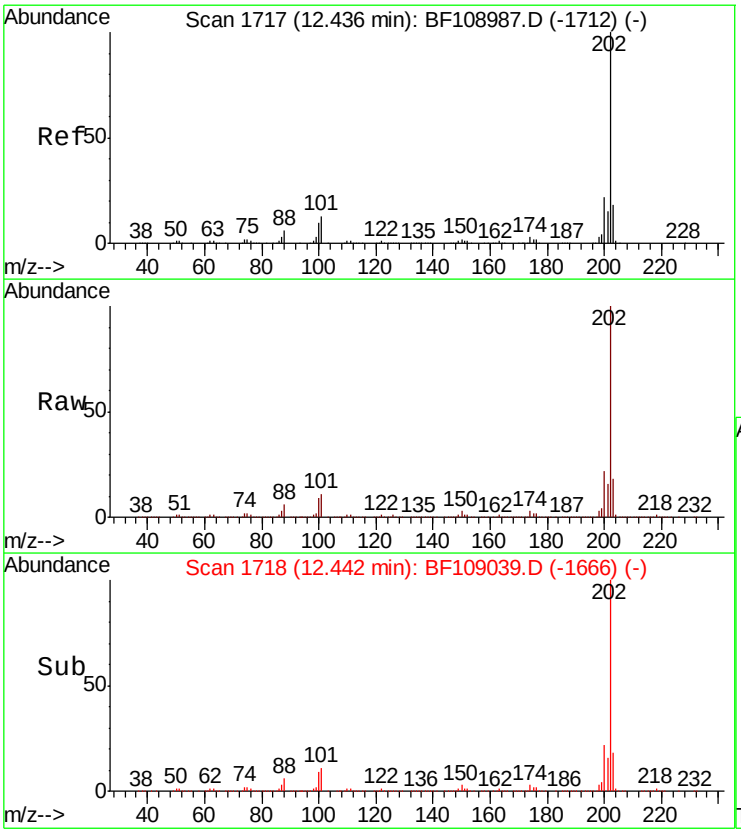
#72
Carbazole
Concen: 3.992 ng
RT: 11.45 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:167 Resp: 72725

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.7	10.9	16.3

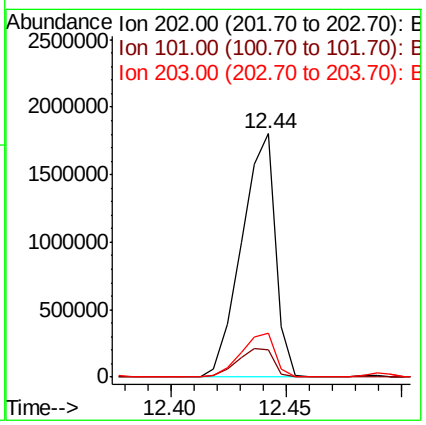


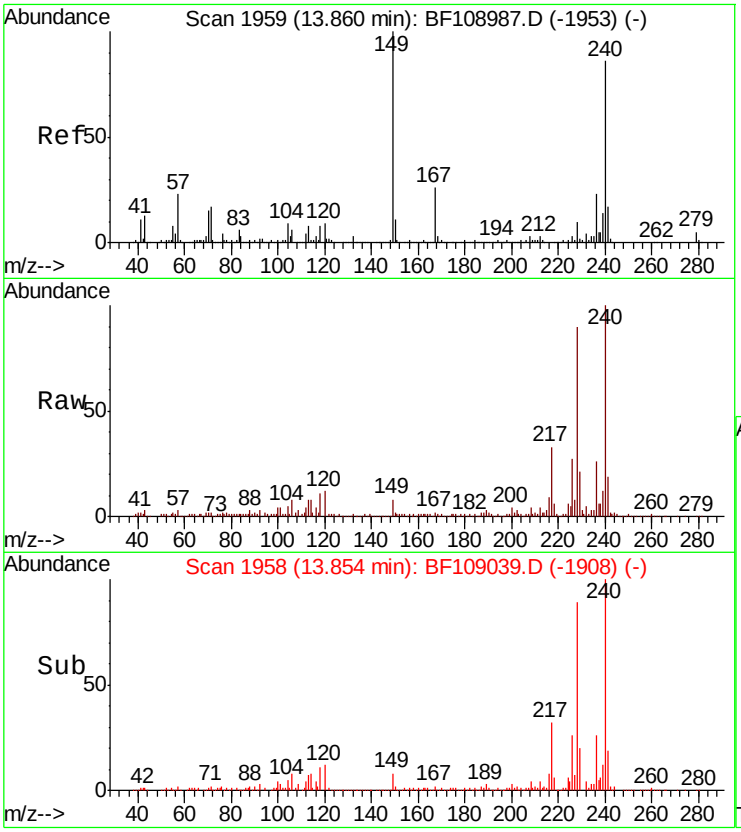


#74
Fluoranthene
Concen: 96.327 ng
RT: 12.44 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:202 Resp: 1846176

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.3	0.0	38.1



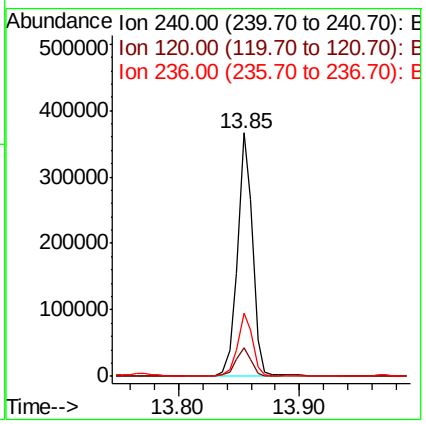


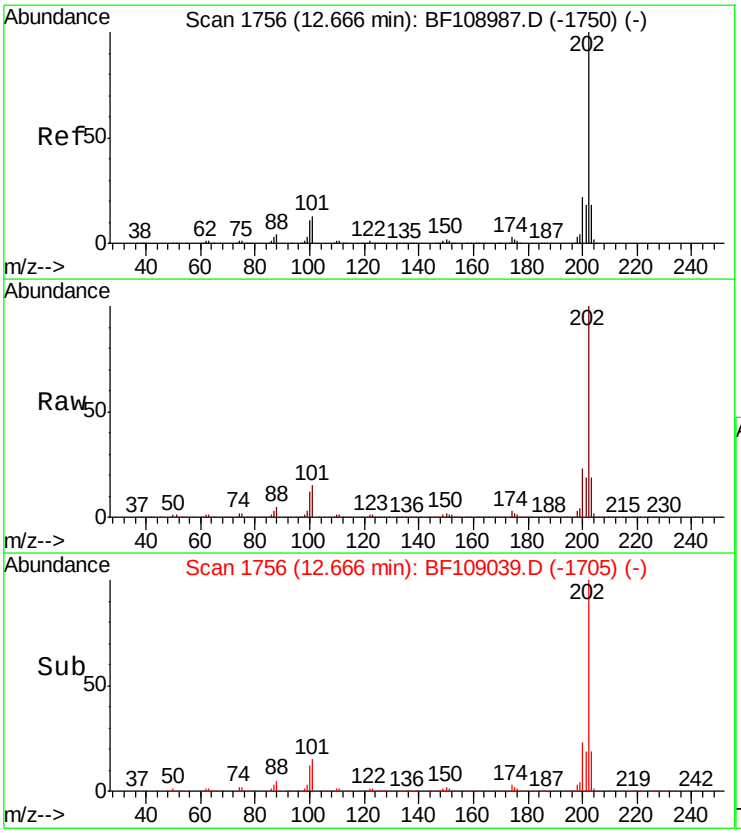
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:240 Resp: 317730

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.9	20.7	31.1

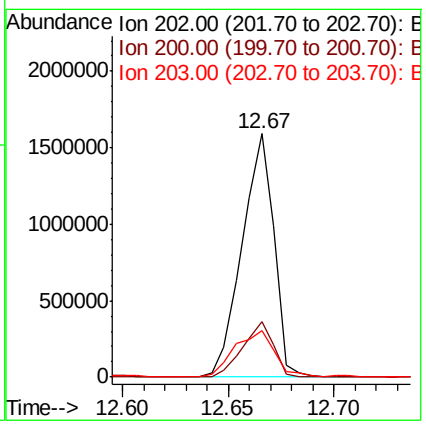


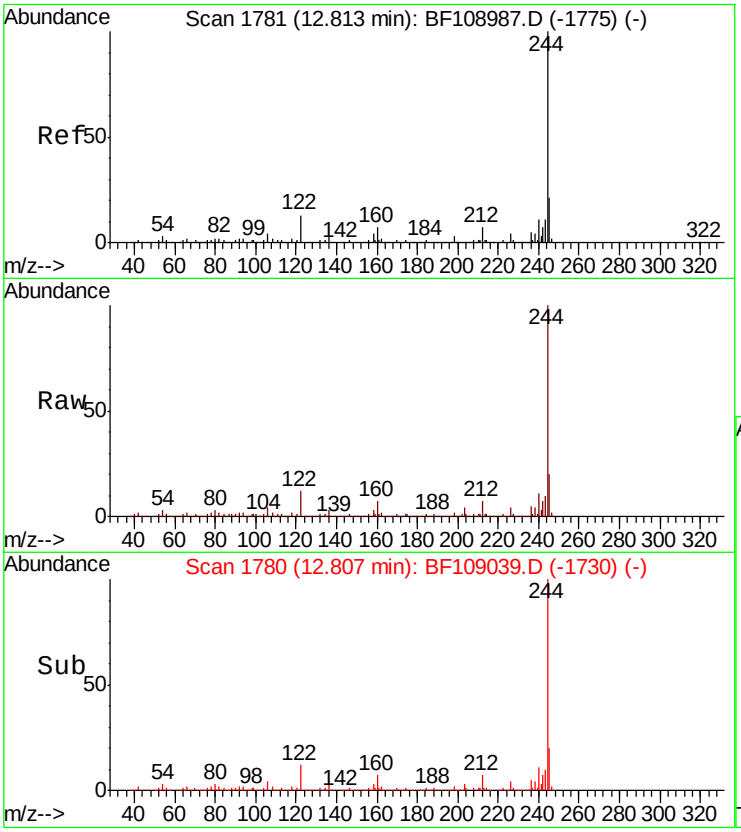


#77
Pyrene
Concen: 70.489 ng
RT: 12.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:202 Resp: 1663569

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.4	26.2
203	18.9	14.3	21.5



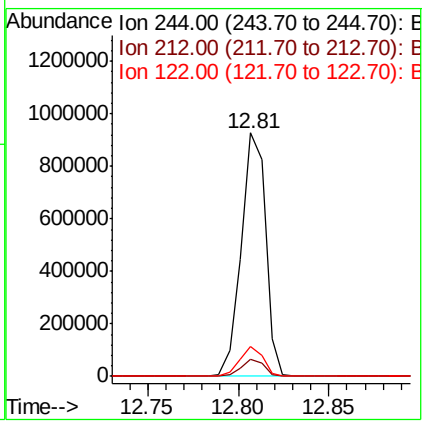


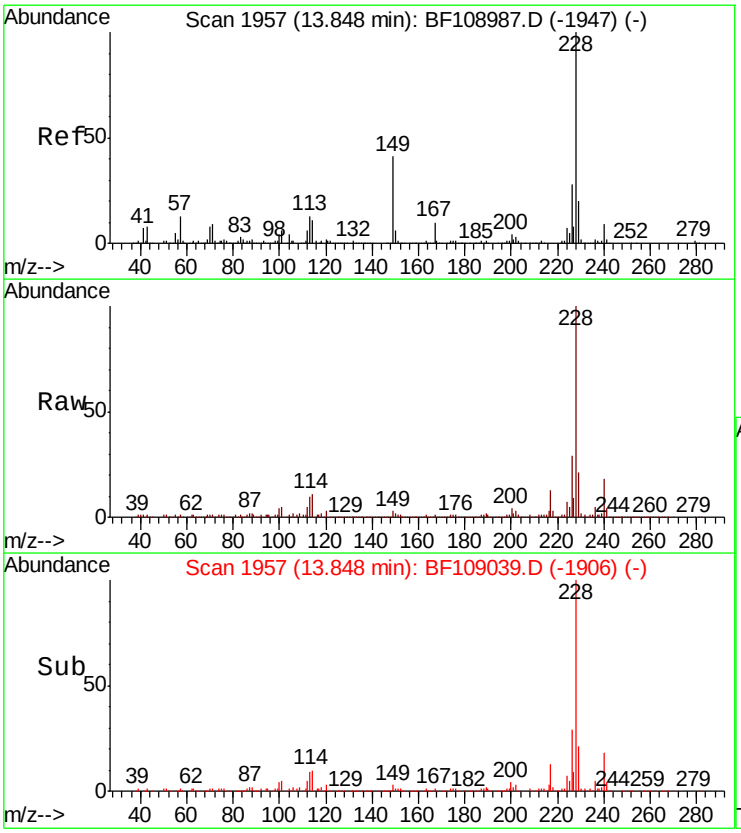
#78
Terphenyl-d14
Concen: 64.700 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:244 Resp: 867293

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4

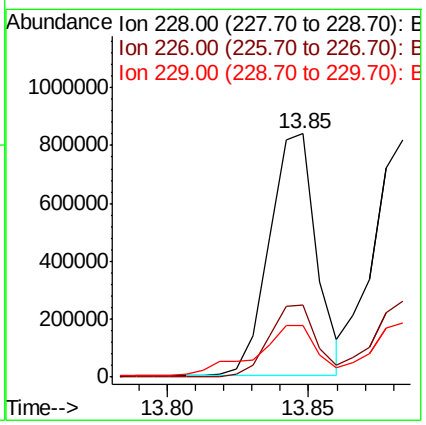


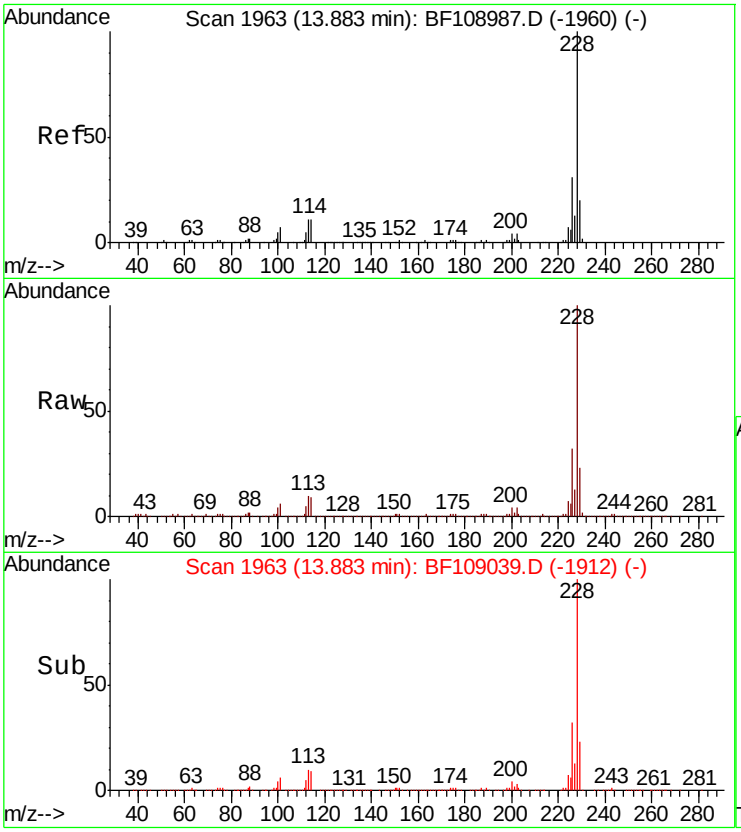


#80
Benzo(a)anthracene
Concen: 50.469 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:228 Resp: 970848

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.0	15.8	23.6



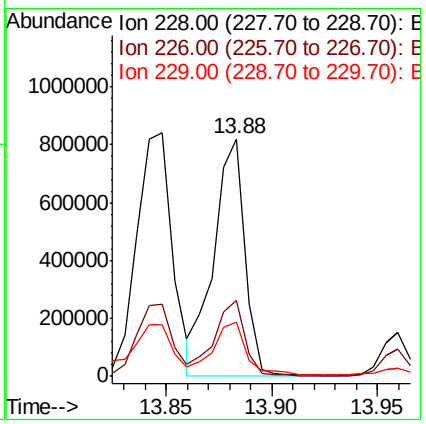


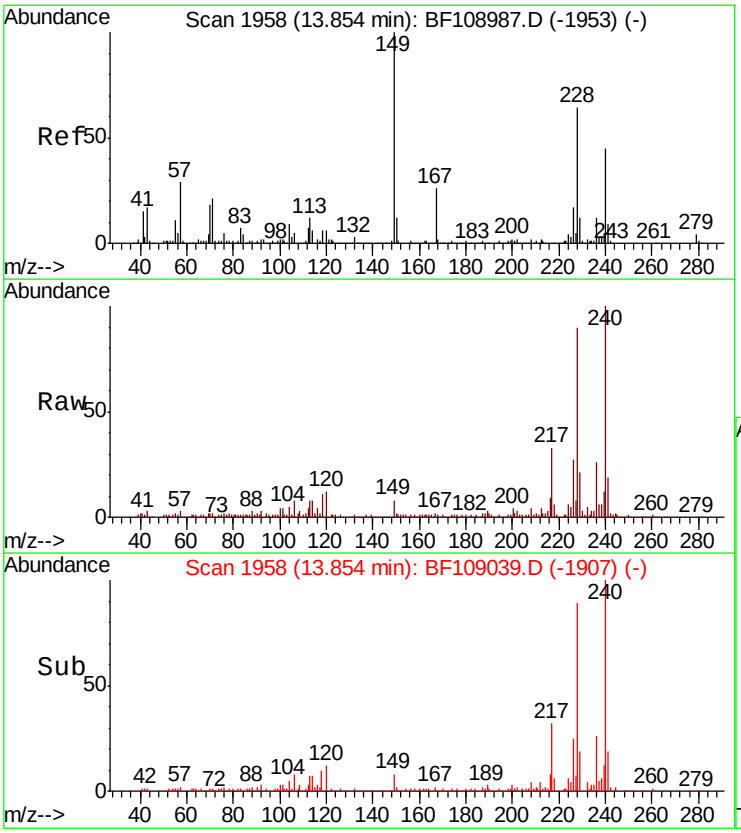
#82
Chrysene
Concen: 43.160 ng
RT: 13.88 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:228 Resp: 830668

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	23.0	16.2	24.4

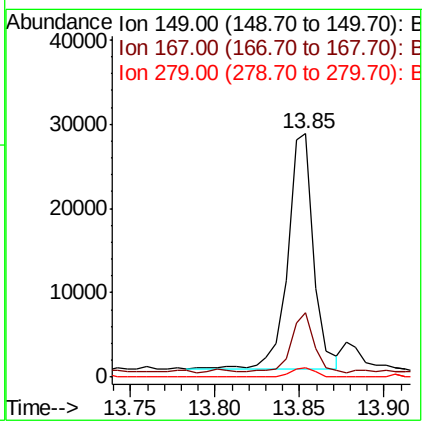


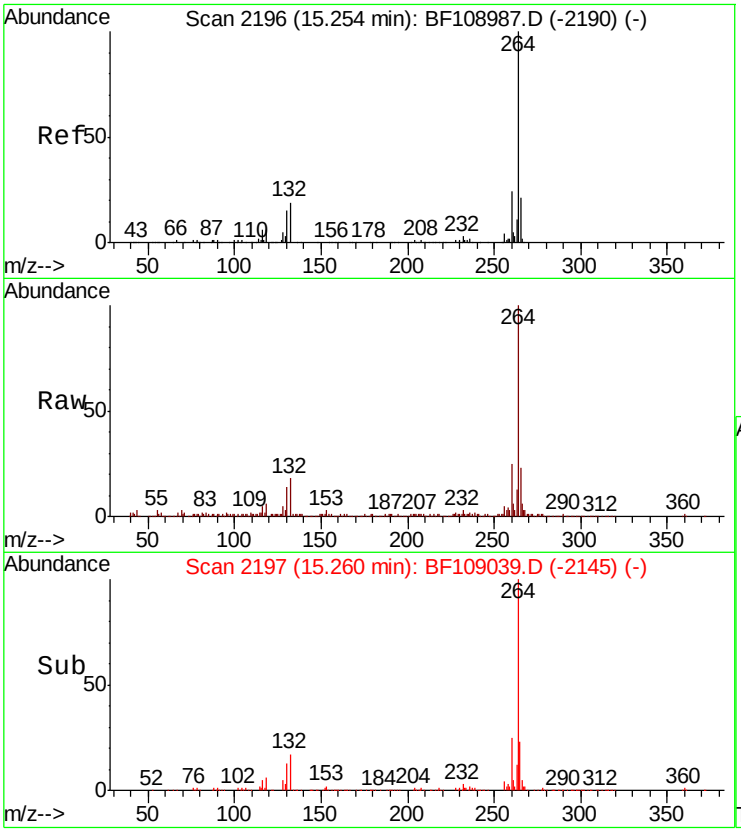


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.377 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:149 Resp: 30336

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.9	3.0	4.4



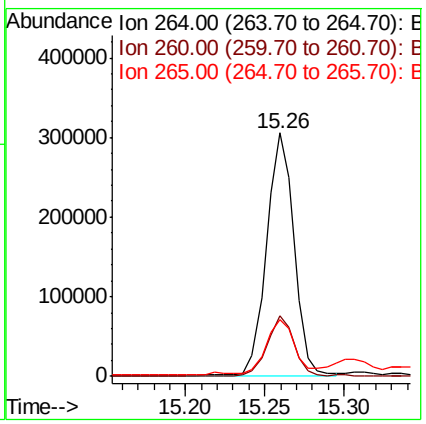


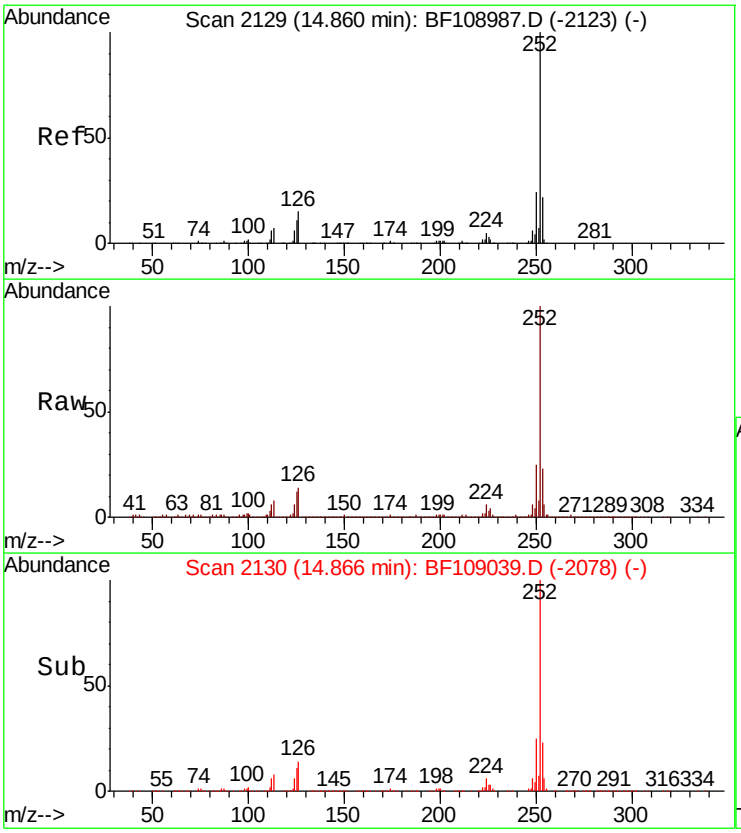
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:264 Resp: 369959

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.4	17.5	26.3

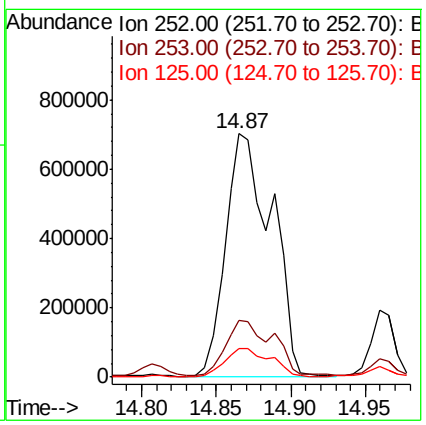


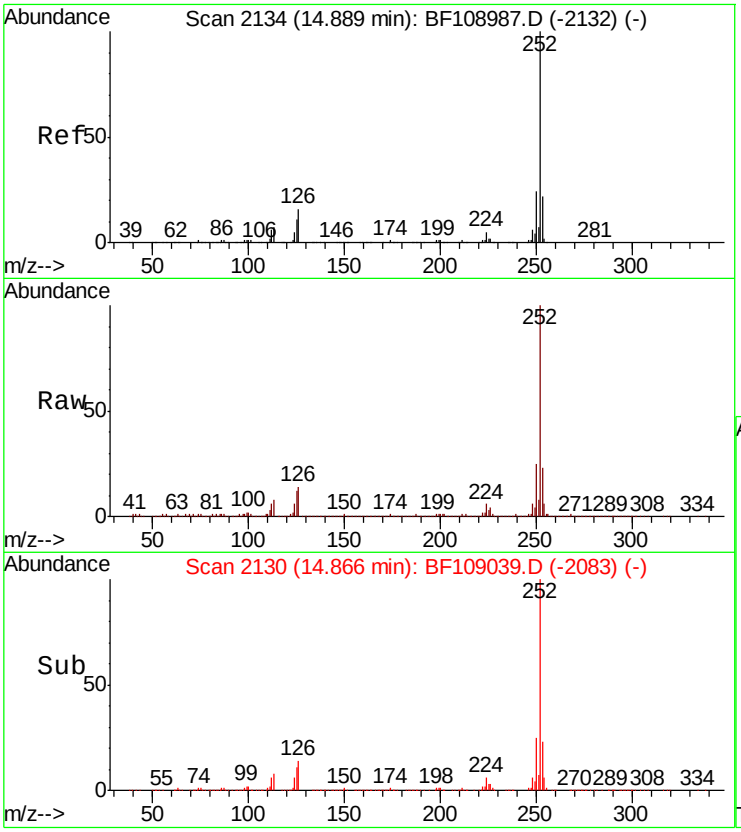


#87
Benzo(b)fluoranthene
Concen: 73.526 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:252 Resp: 1504857

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	11.8	9.0	13.6



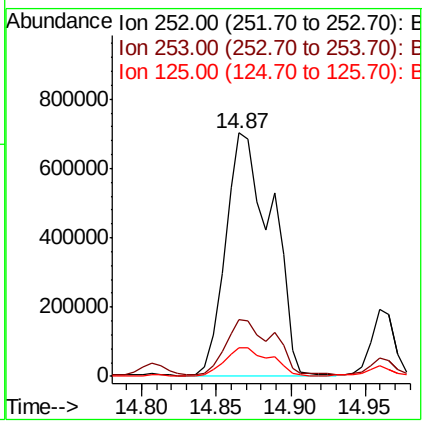


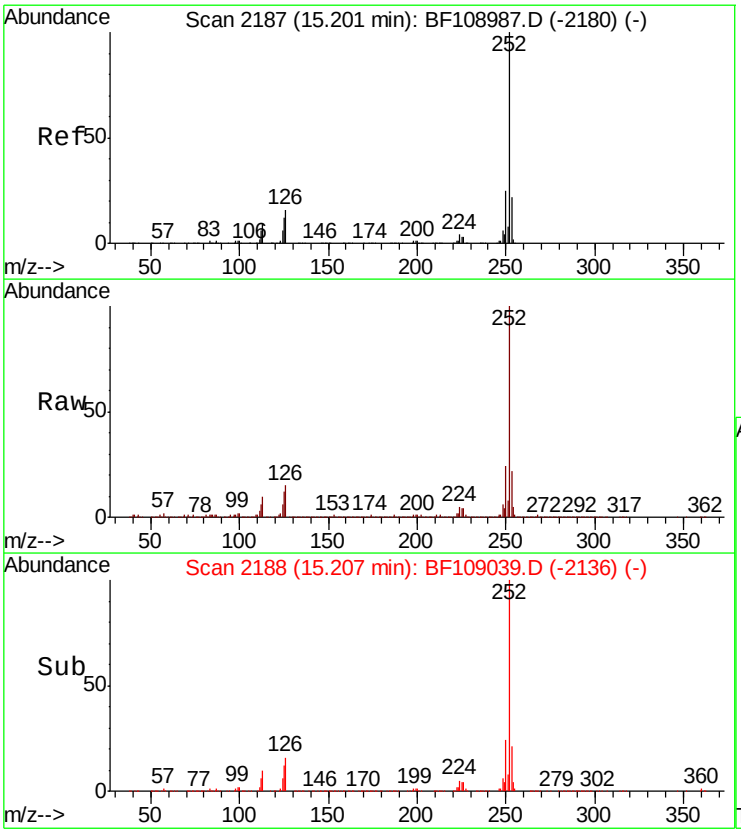
#88
Benzo(k)fluoranthene
Concen: 78.721 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:252 Resp: 1504857

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.8	10.2	15.2

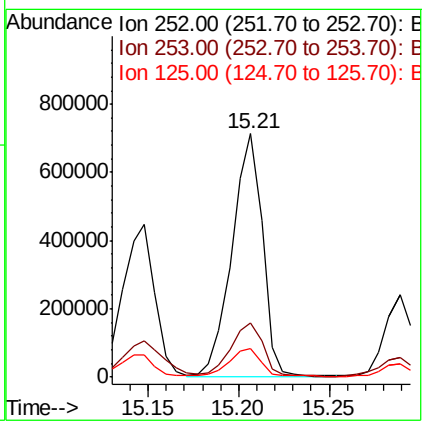


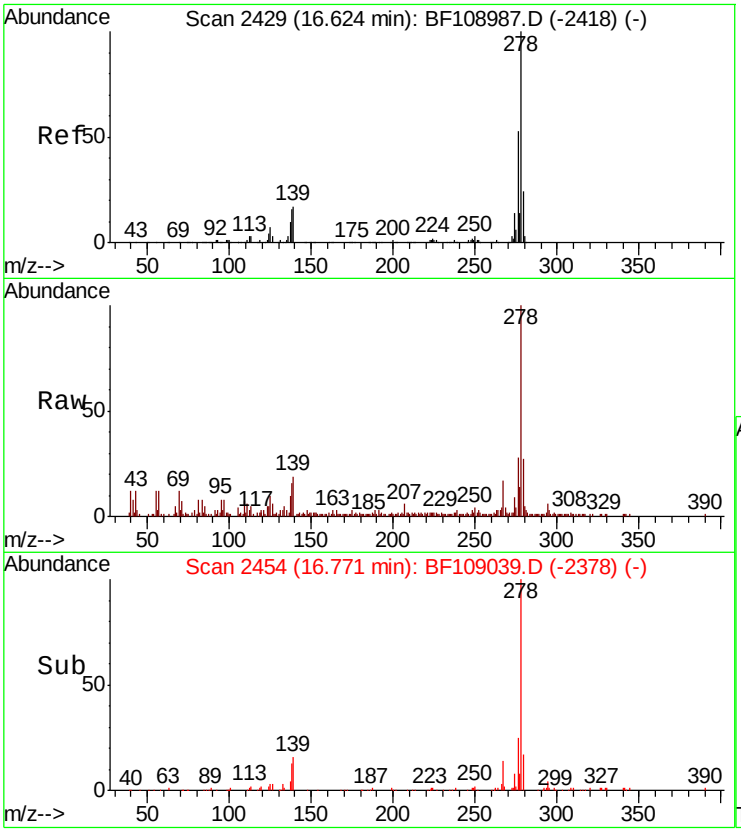


#89
Benzo(a)pyrene
Concen: 45.524 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:252 Resp: 827450

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.7	9.8	14.6



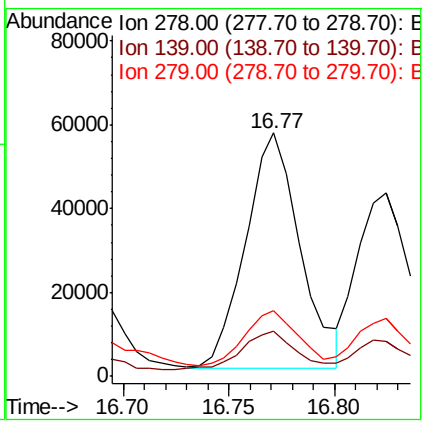


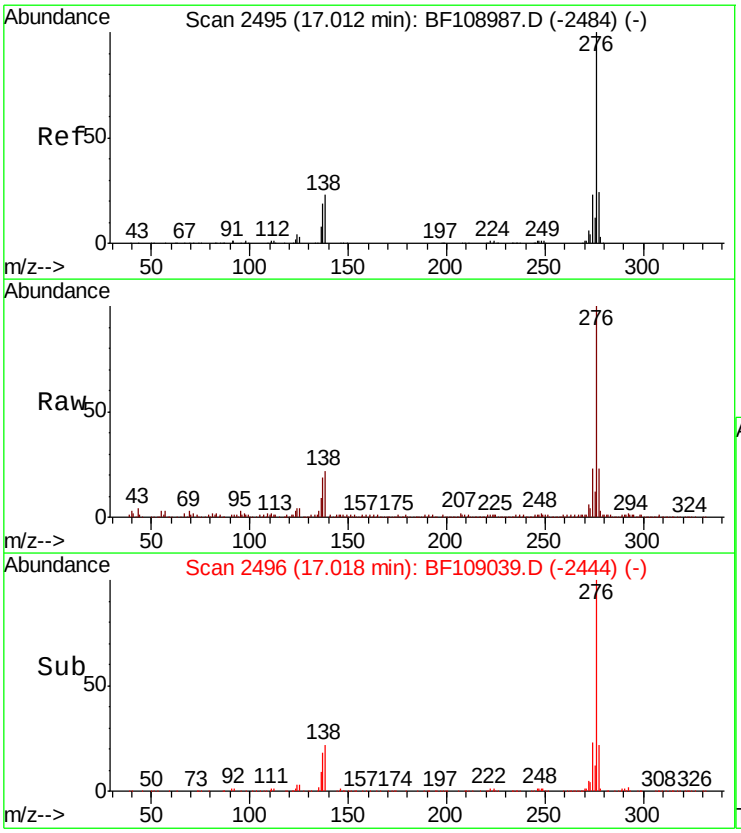
#90
Dibenzo(a,h)anthracene
Concen: 6.621 ng
RT: 16.77 min Scan# 2454
Delta R.T. 0.15 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-B

Tgt Ion:278 Resp: 101101

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	27.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 25.268 ng
RT: 17.02 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BF109039.D
Acq: 17 Sep 2018 11:09

Tgt Ion:276 Resp: 385773

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	22.1	21.8	32.8