Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
Data File : BE098792.D
Acq On : 6 Mar 2019 10:53
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 06 13:26:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 13:20:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	701	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	2921	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	1968	0.40	ng		0.01
19) Phenanthrene-d10	17.21	188	5336	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7189	0.40	ng		0.00
34) Perylene-d12	23.91	264	7132	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	218	0.12	ng		0.00
5) Phenol-d6	7.00	99	314	0.12	ng		0.02
8) Nitrobenzene-d5	8.99	82	293	0.13	ng		0.02
11) 2-Methylnaphthalene-d10	12.21	152	543	0.11	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	88	0.10	ng		0.01
15) 2-Fluorobiphenyl	13.09	172	827	0.10	ng		0.00
25) Fluoranthene-d10	19.25	212	8519	0.13	ng		0.00
29) Terphenyl-d14	19.85	244	1745	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	206	0.149	ng	#	80
3) n-Nitrosodimethylamine	3.63	42	150	0.148	ng	#	14
6) bis(2-Chloroethyl)ether	7.23	93	240	0.119	ng	#	93
9) Naphthalene	10.64	128	3350	0.115	ng	#	94
10) Hexachlorobutadiene	10.91	225	249	0.120	ng		93
12) 2-Methylnaphthalene	12.28	142	497	0.103	ng	#	89
16) Acenaphthylene	14.18	152	964	0.113	ng		99
17) Acenaphthene	14.53	154	574	0.107	ng		97
18) Fluorene	15.51	166	853	0.123	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	247	0.087	ng		84
21) Hexachlorobenzene	16.52	284	373	0.109	ng		98
22) Pentachlorophenol	16.89	266	67	0.067	ng		99
23) Phenanthrene	17.25	178	1524	0.121	ng		97
24) Anthracene	17.36	178	1176	0.109	ng		96
26) Fluoranthene	19.28	202	2134	0.131	ng		99
28) Pyrene	19.64	202	2246	0.113	ng		96
30) Benzo(a)anthracene	21.39	228	2112	0.109	ng		96
31) Chrysene	21.44	228	2435	0.122	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	5463	0.133	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	2460	0.119	ng	#	95
35) Benzo(b)fluoranthene	23.15	252	2269	0.117	ng	#	74
36) Benzo(k)fluoranthene	23.20	252	2243	0.105	ng	#	83
37) Benzo(a)pyrene	23.80	252	2208	0.116	ng	#	67
38) Dibenzo(a,h)anthracene	26.58	278	1940	0.115	ng	#	76
39) Benzo(g,h,i)perylene	27.36	276	2214	0.119	ng	#	87

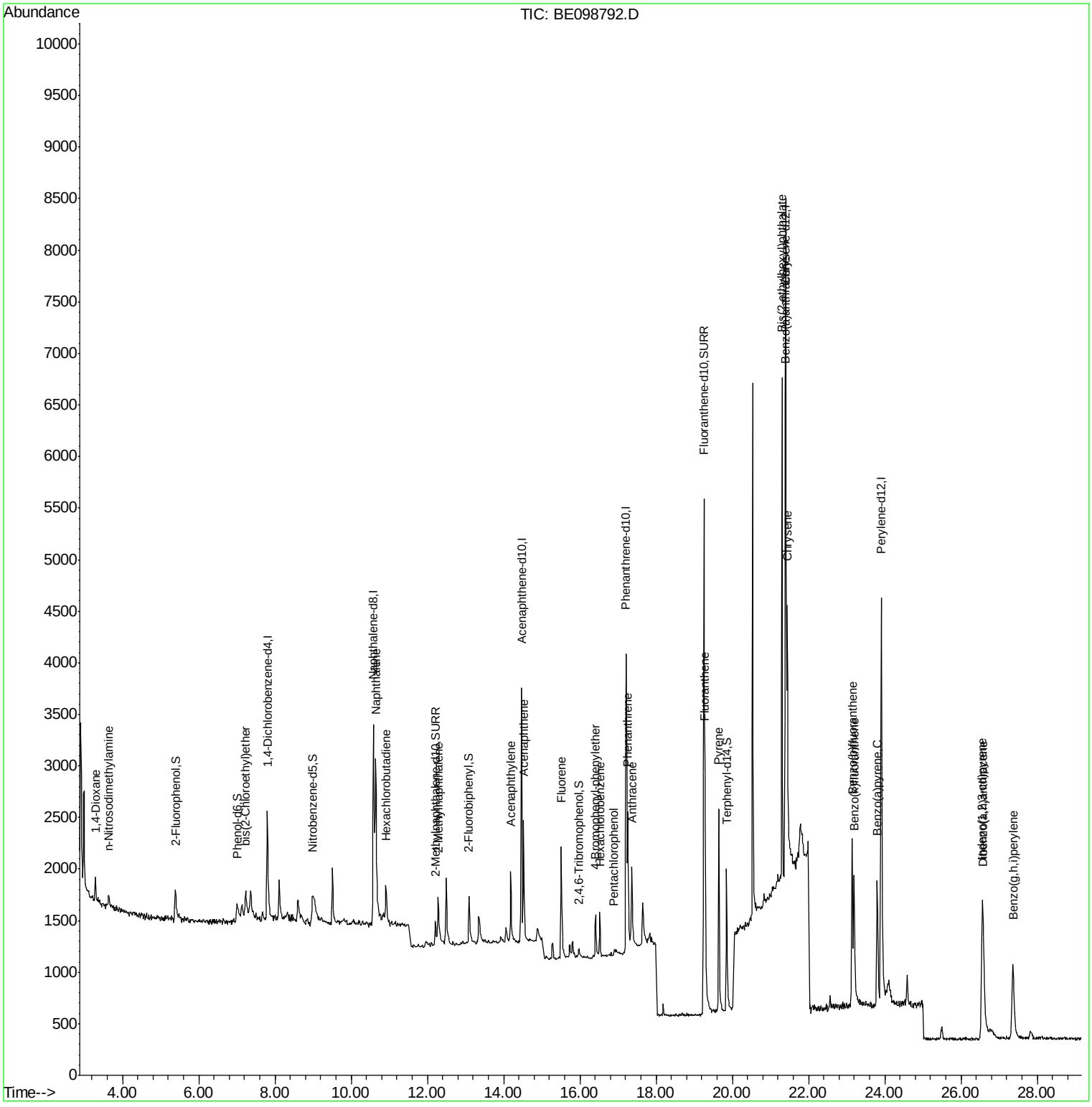
(#) = qualifier out of range (m) = manual integration (+) = signals summed

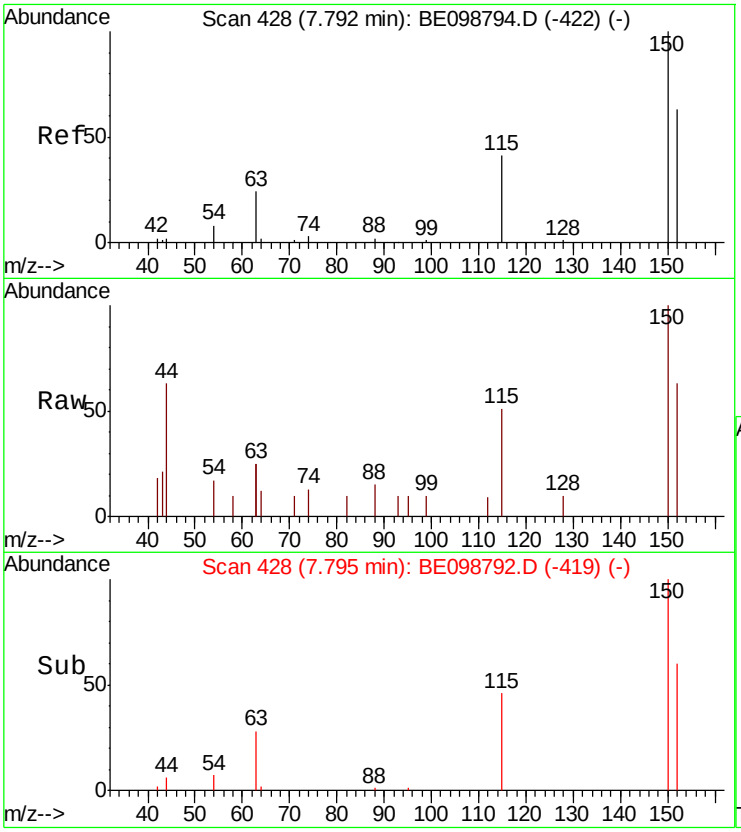
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
Data File : BE098792.D
Acq On : 6 Mar 2019 10:53
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 06 13:26:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 13:20:41 2019
Response via : Initial Calibration



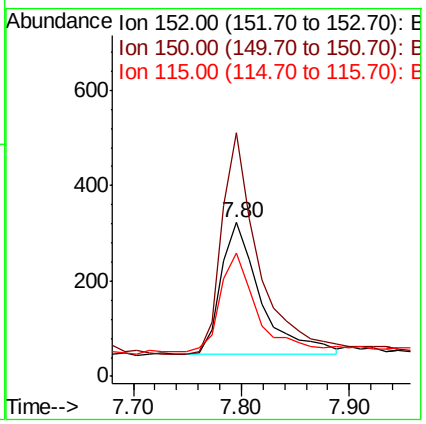


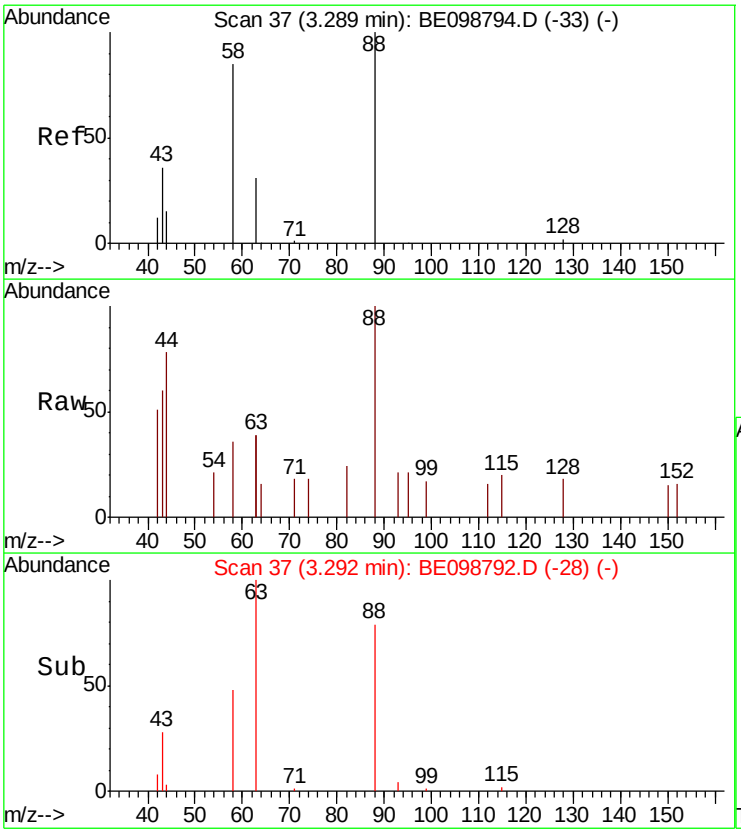
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 701

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.5	183.7
115	80.2	57.4	86.2

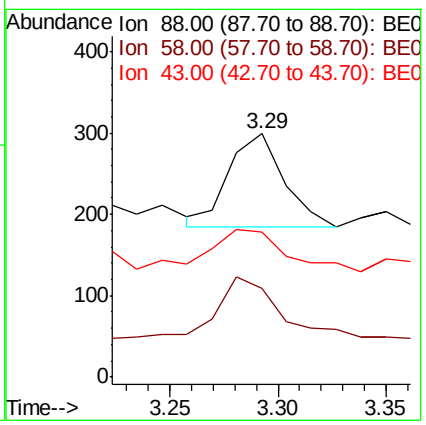


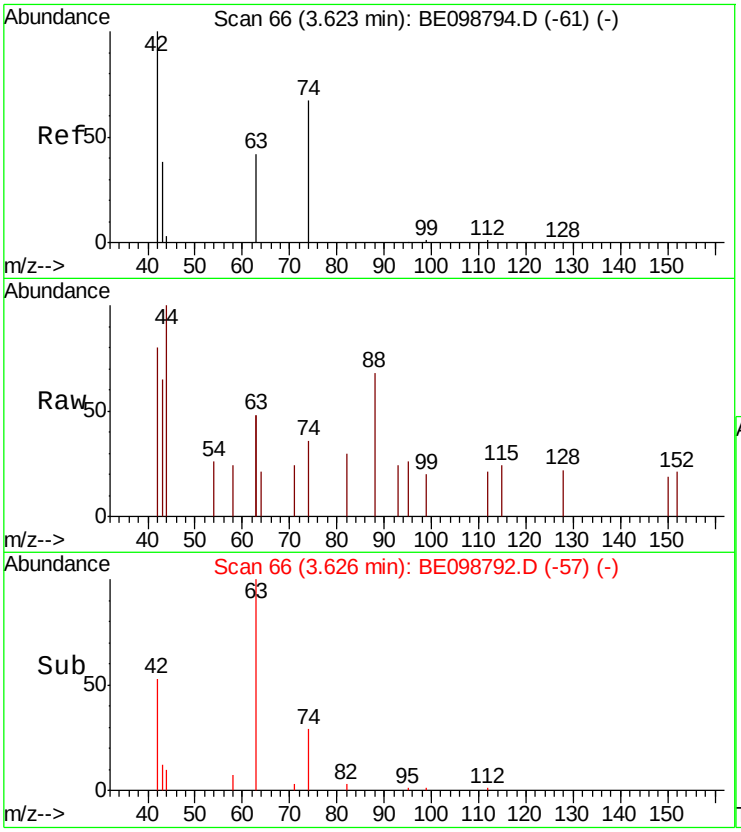


#2
1,4-Dioxane
Concen: 0.149 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion: 88 Resp: 206

Ion	Ratio	Lower	Upper
88	100		
58	72.8	75.8	113.6#
43	63.6	41.8	62.8#



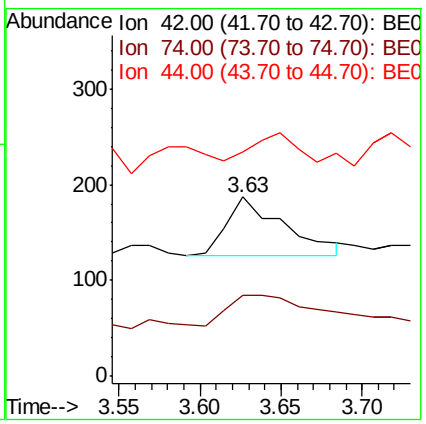


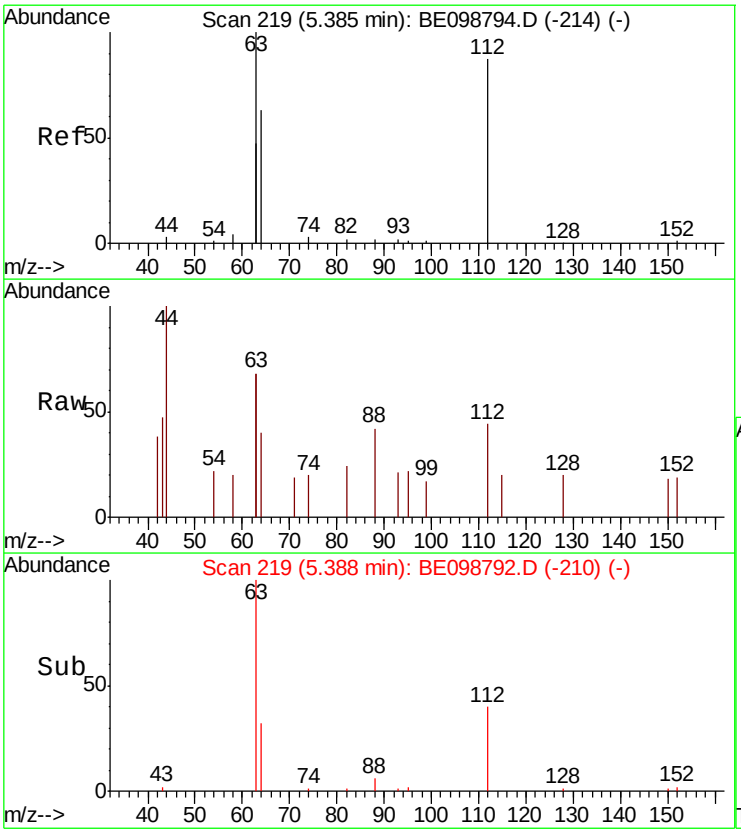
#3
n-Nitrosodimethylamine
Concen: 0.148 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 150

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0

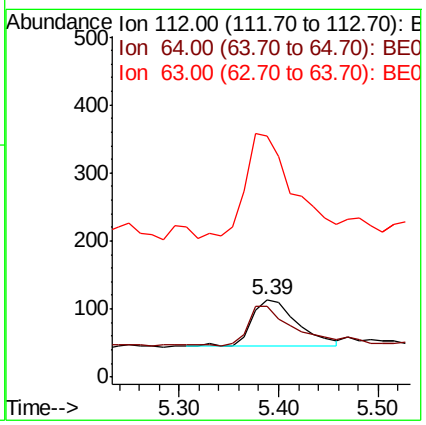


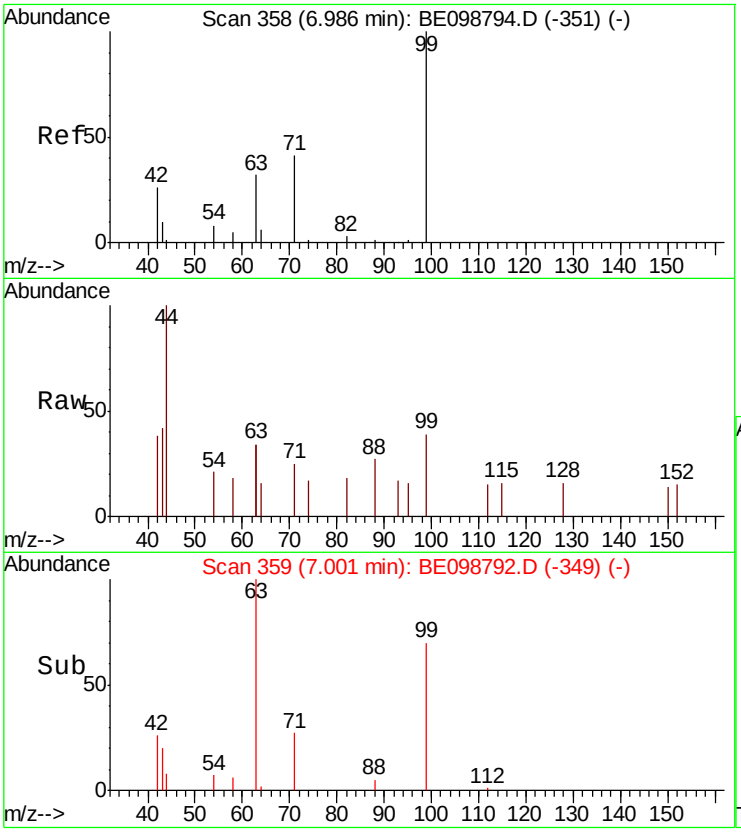


#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:112 Resp: 218

Ion	Ratio	Lower	Upper
112	100		
64	91.7	57.9	86.9#
63	220.2	158.3	237.5



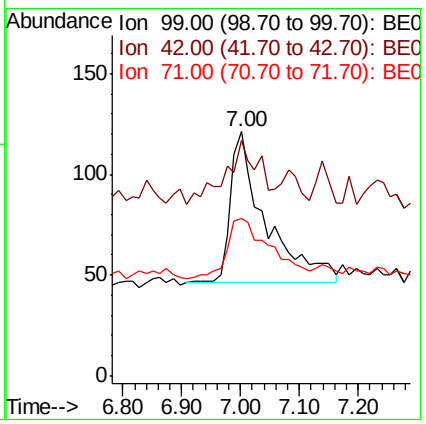


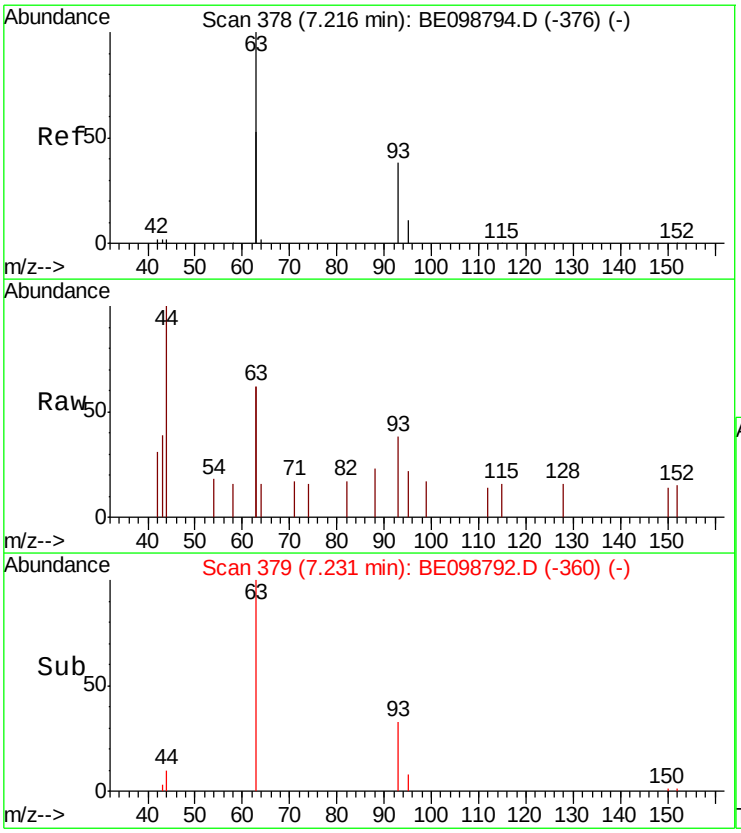
#5
Phenol-d6
Concen: 0.118 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.02 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 314

Ion	Ratio	Lower	Upper
99	100		
42	40.4	24.2	36.2#
71	49.4	35.7	53.5

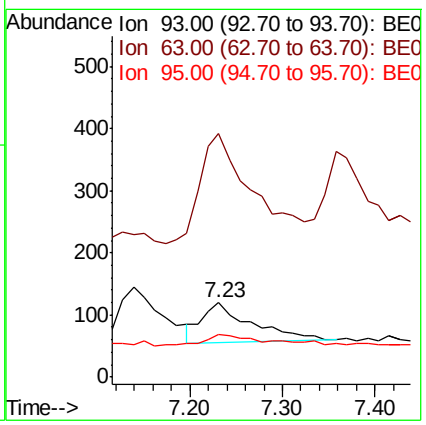


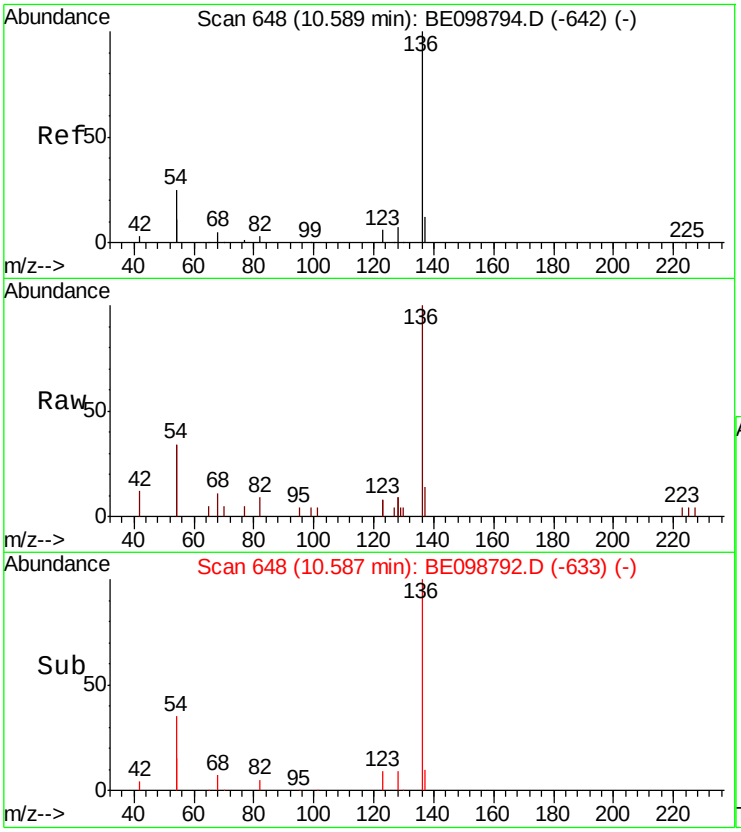


#6
bis(2-Chloroethyl)ether
Concen: 0.119 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.02 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion: 93 Resp: 240

Ion	Ratio	Lower	Upper
93	100		
63	297.1	247.5	371.3
95	34.6	21.8	32.8#



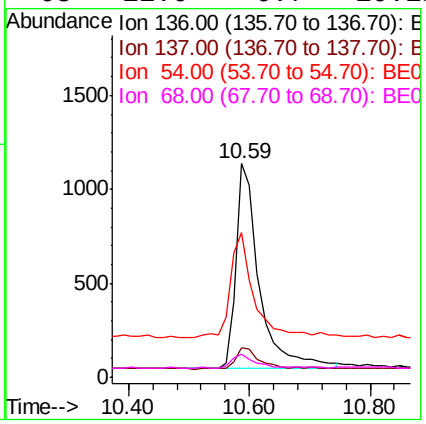


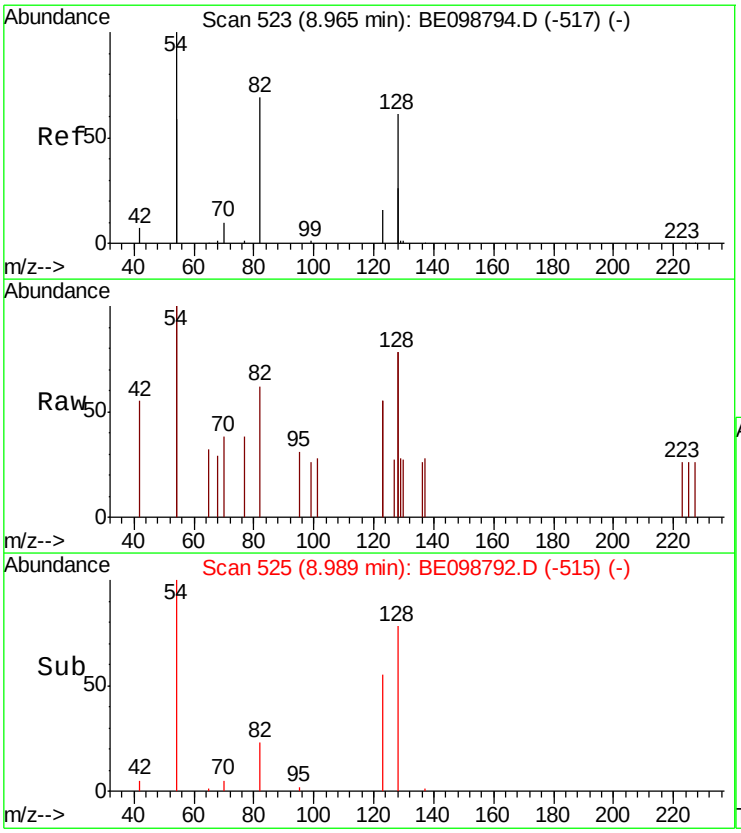
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2921

Ion	Ratio	Lower	Upper
136	100		
137	13.7	11.4	17.0
54	67.7	39.3	58.9#
68	11.0	6.7	10.1#

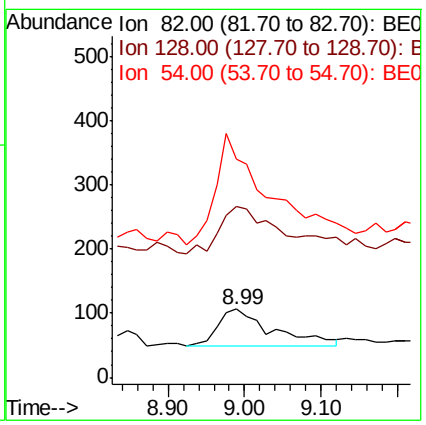


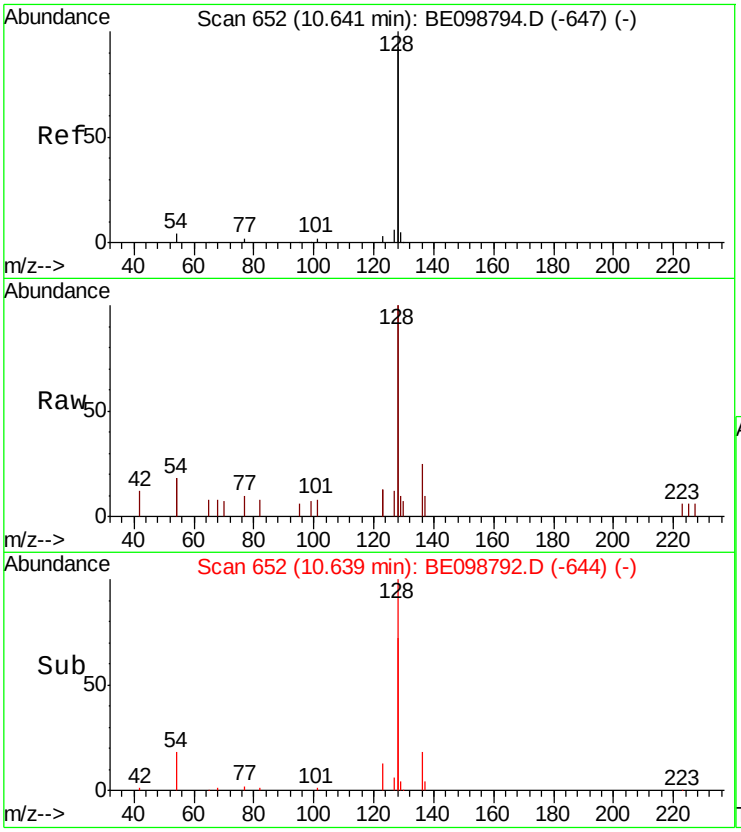


#8
Nitrobenzene-d5
Concen: 0.126 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.02 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion: 82 Resp: 293

Ion	Ratio	Lower	Upper
82	100		
128	250.9	123.8	185.8#
54	320.8	203.4	305.2#



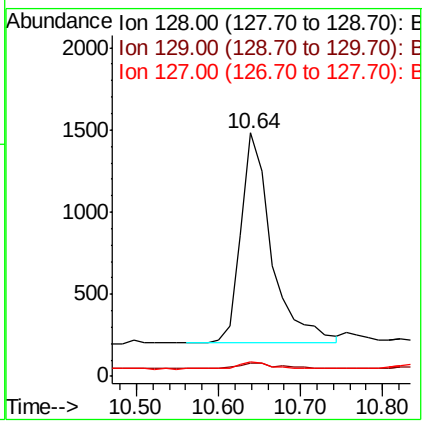


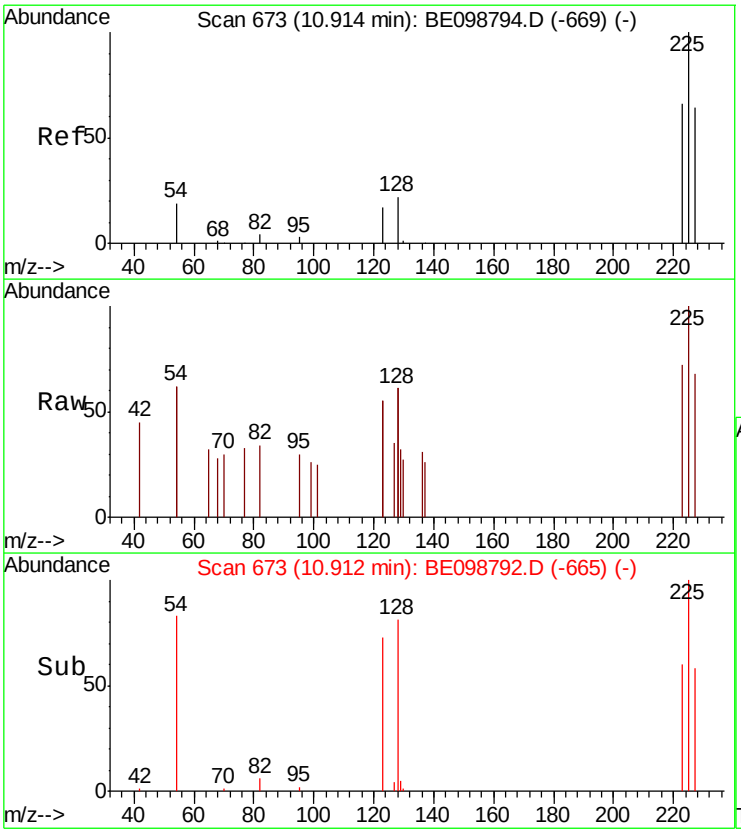
#9
Naphthalene
Concen: 0.115 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3350

Ion	Ratio	Lower	Upper
128	100		
129	5.2	2.6	4.0#
127	6.2	3.1	4.7#

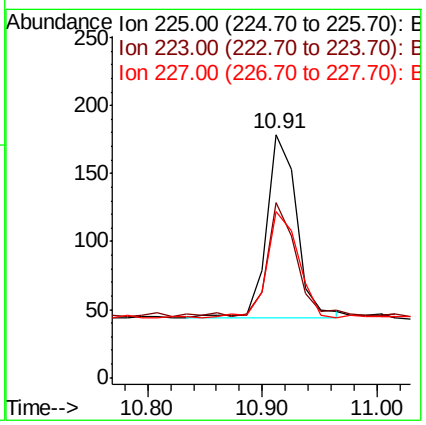


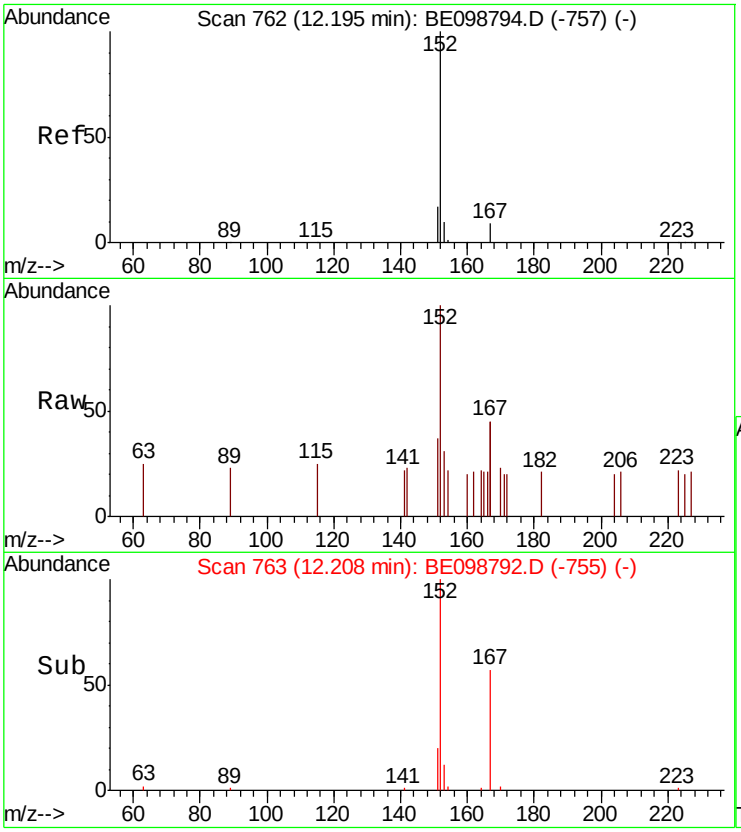


#10
Hexachlorobutadiene
Concen: 0.120 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:225 Resp: 249

Ion	Ratio	Lower	Upper
225	100		
223	56.2	51.1	76.7
227	60.6	51.6	77.4



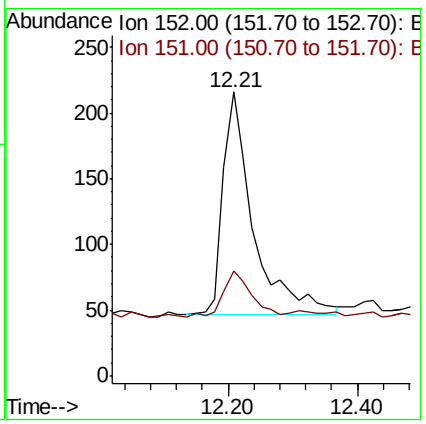


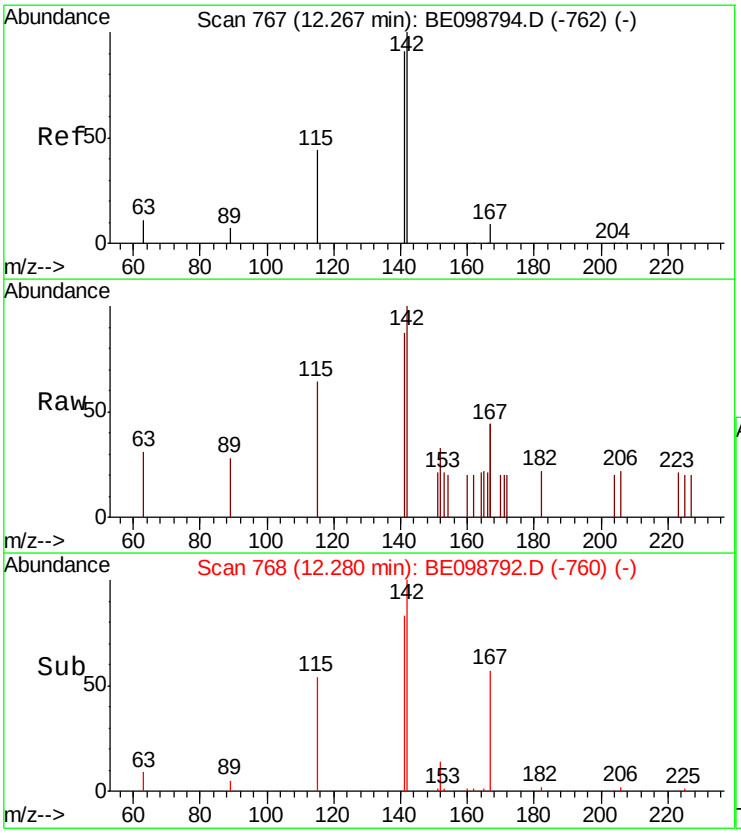
#11
2-Methylnaphthalene-d10
Concen: 0.113 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 543

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.5	24.7

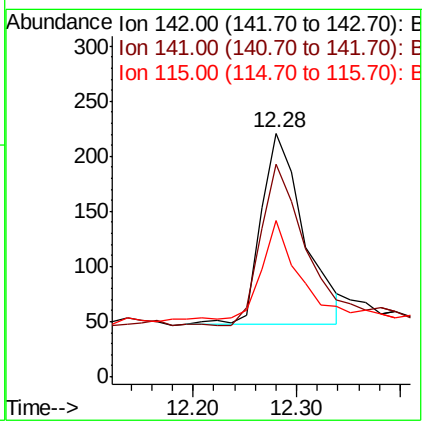


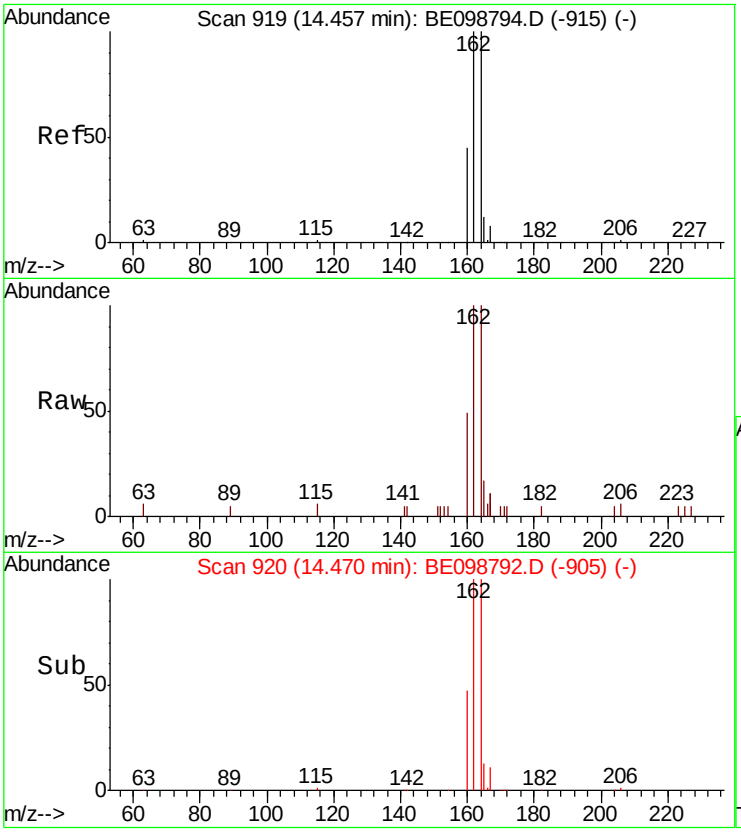


#12
2-Methylnaphthalene
Concen: 0.103 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:142 Resp: 497

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.6	108.8
115	64.3	37.4	56.2#



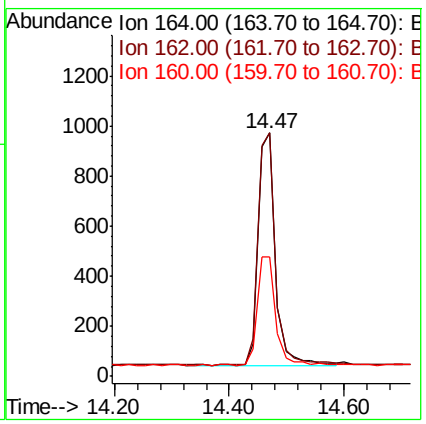


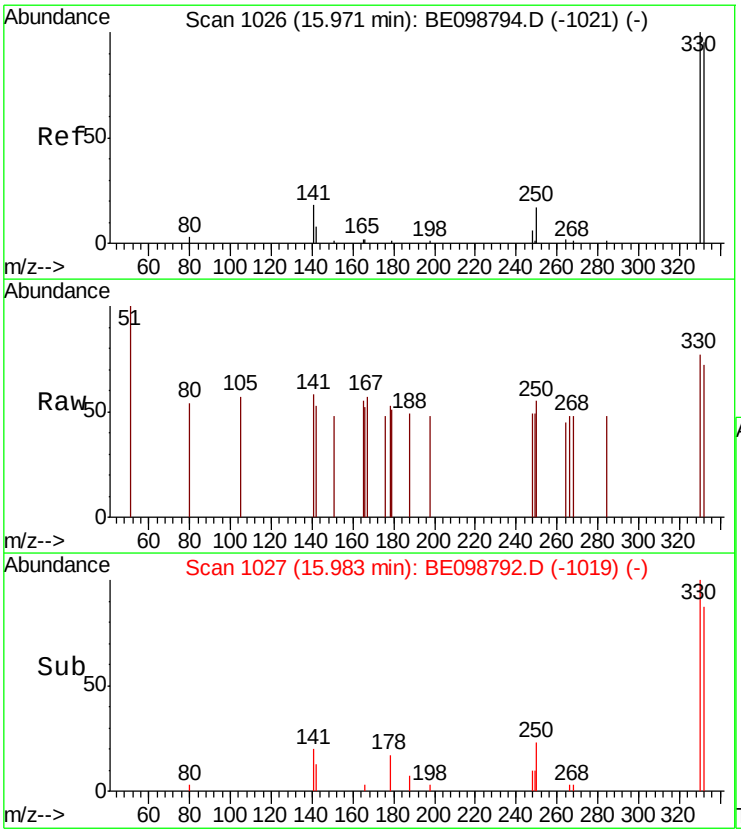
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1968

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	49.1	37.8	56.8

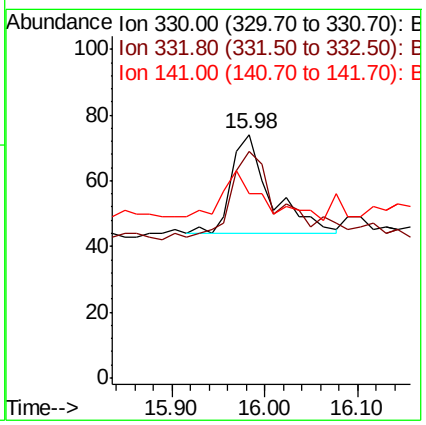


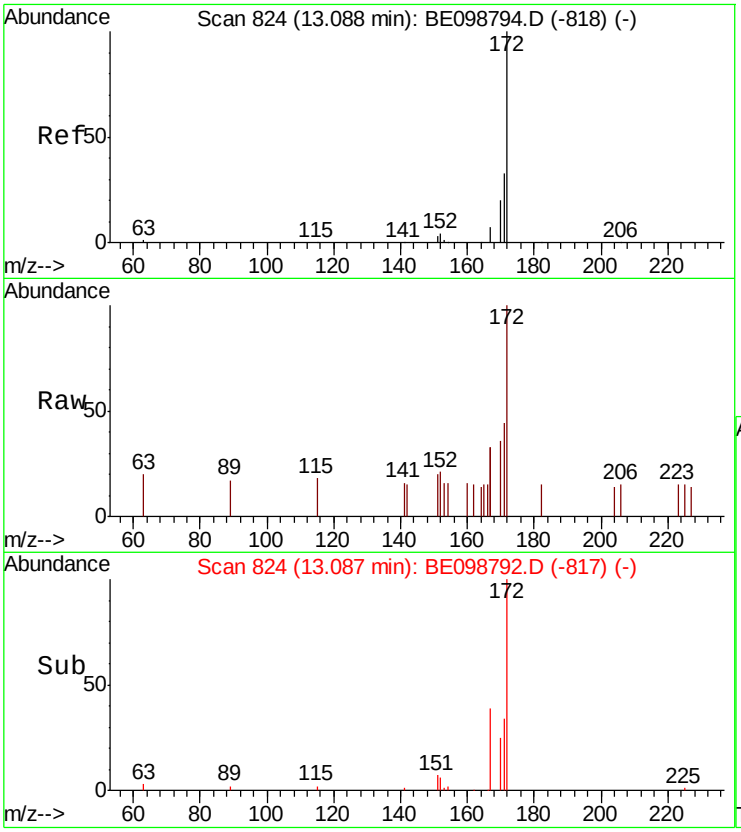


#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:330 Resp: 88

Ion	Ratio	Lower	Upper
330	100		
332	104.5	77.6	116.4
141	52.3	31.0	46.4#



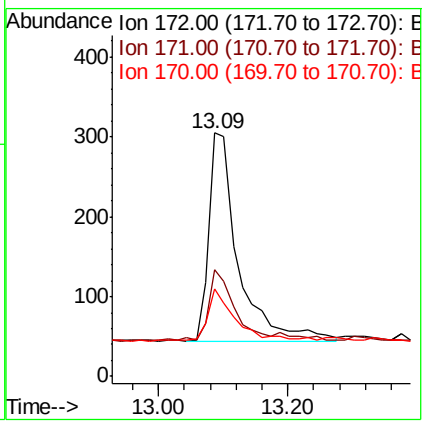


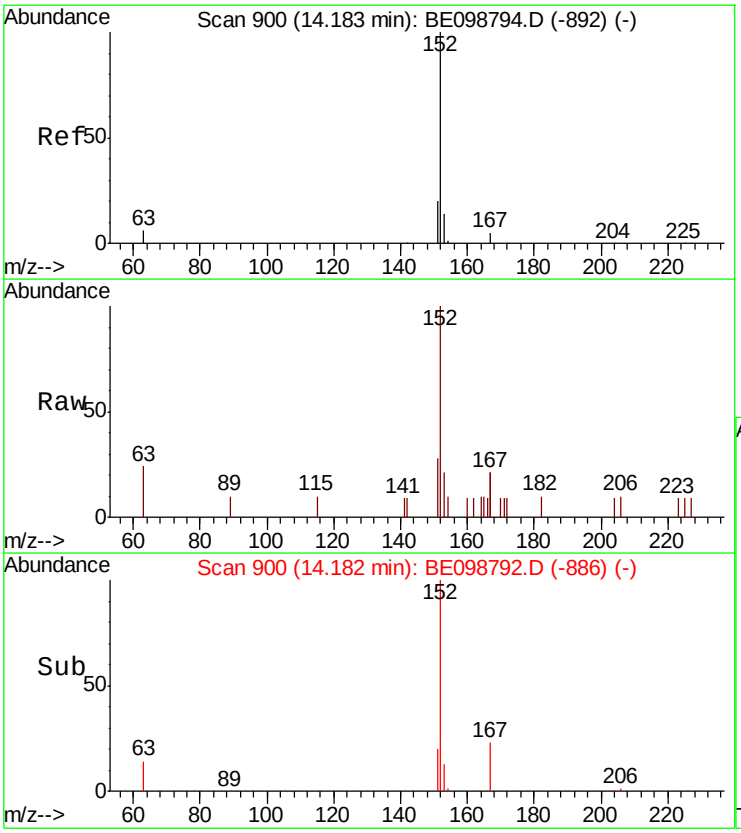
#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 827

Ion	Ratio	Lower	Upper
172	100		
171	43.9	28.0	42.0#
170	35.7	17.7	26.5#

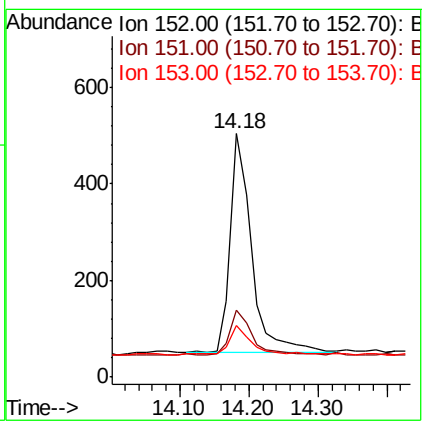


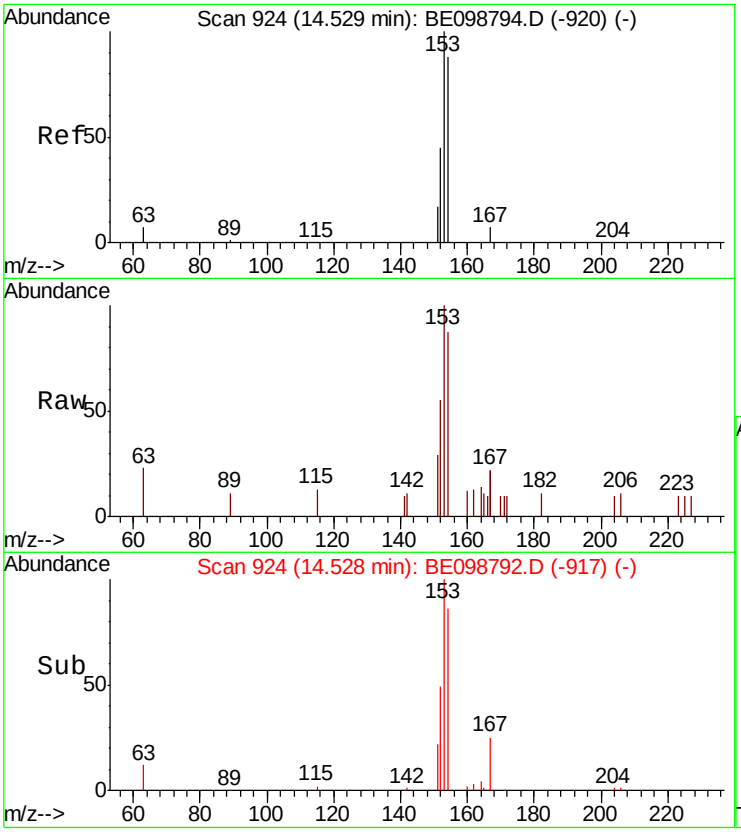


#16
Acenaphthylene
Concen: 0.113 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:152 Resp: 964

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6
153	13.4	11.2	16.8



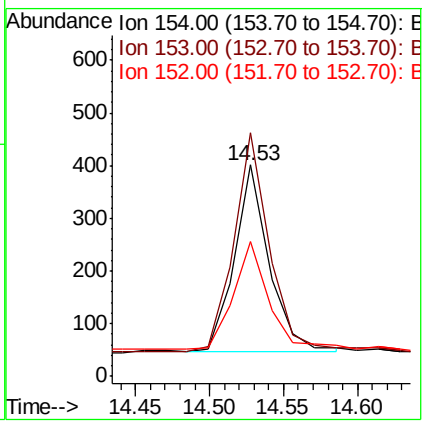


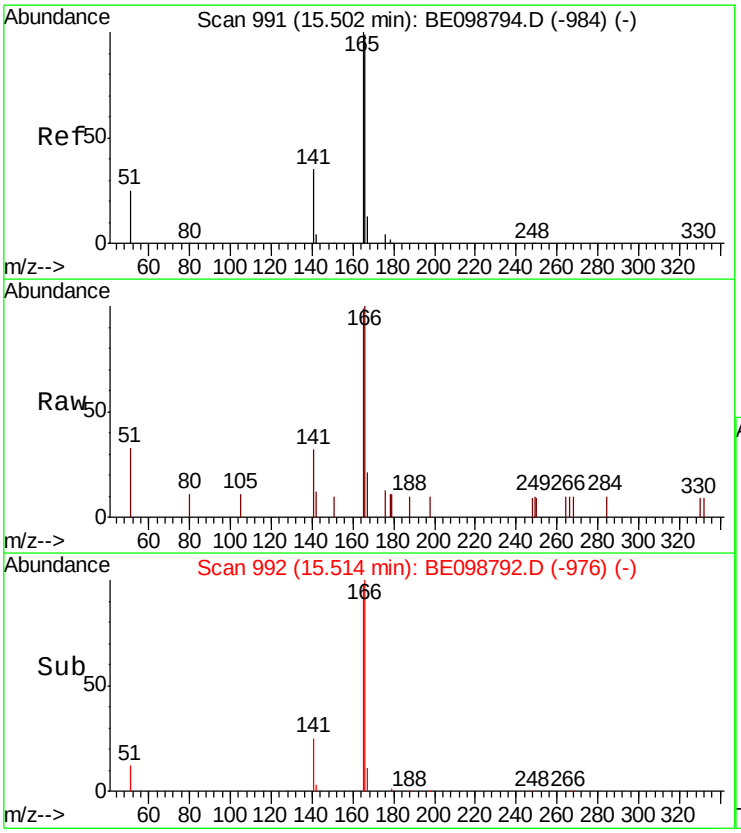
#17
Acenaphthene
Concen: 0.107 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 574

Ion	Ratio	Lower	Upper
154	100		
153	119.9	94.2	141.4
152	59.8	45.0	67.4

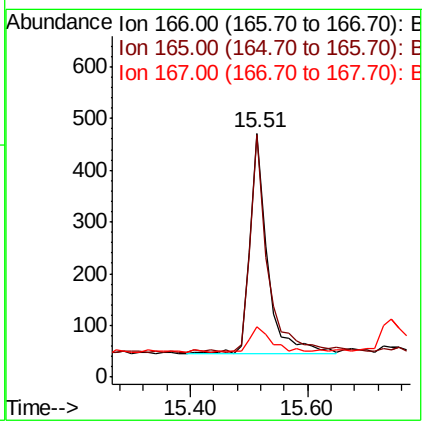


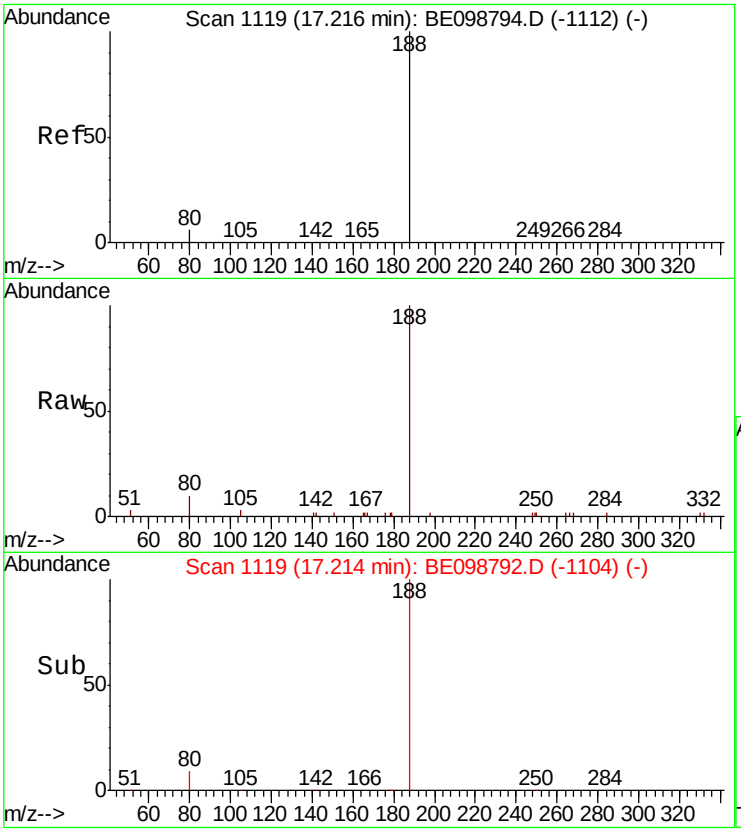


#18
Fluorene
Concen: 0.123 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:166 Resp: 853

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.3	118.9
167	13.8	10.5	15.7



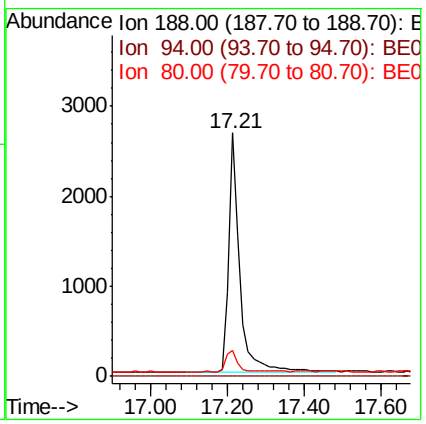


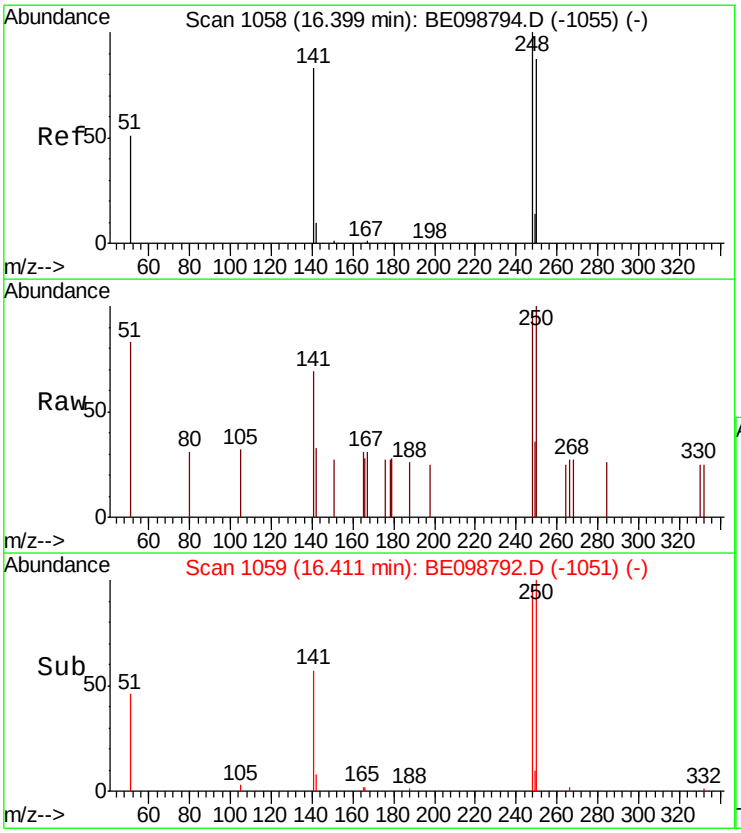
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5336

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.3	9.5#

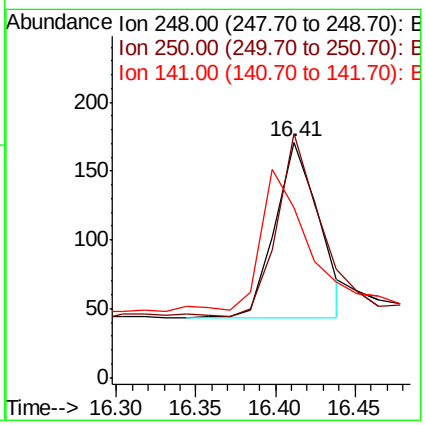


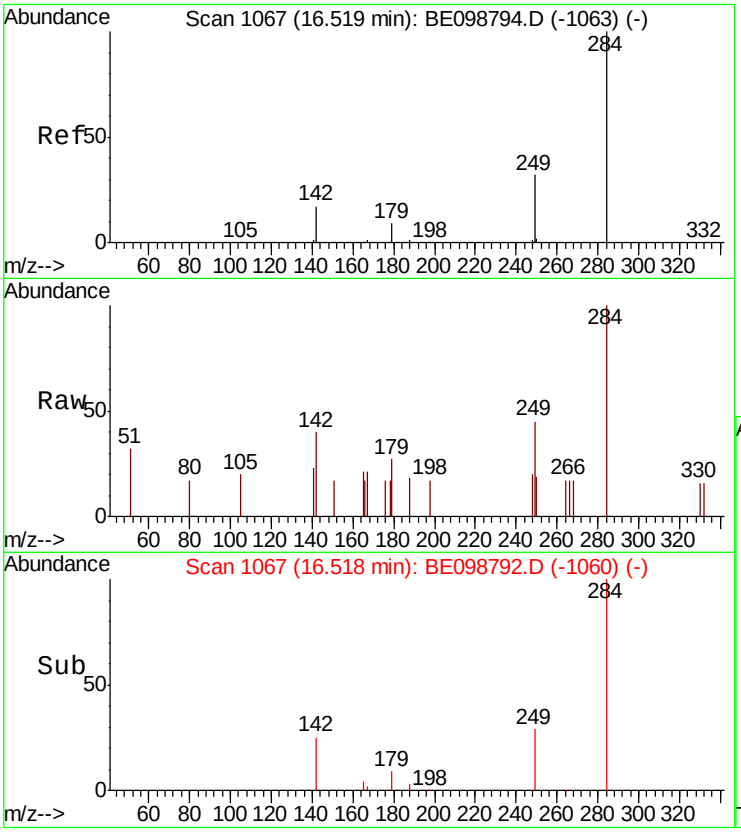


#20
4-Bromophenyl-phenylether
Concen: 0.087 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:248 Resp: 247

Ion	Ratio	Lower	Upper
248	100		
250	103.5	70.6	105.8
141	71.9	68.6	102.8



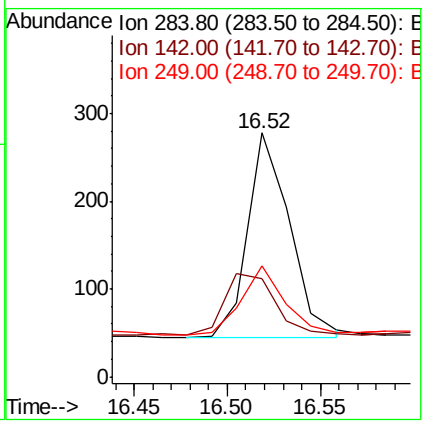


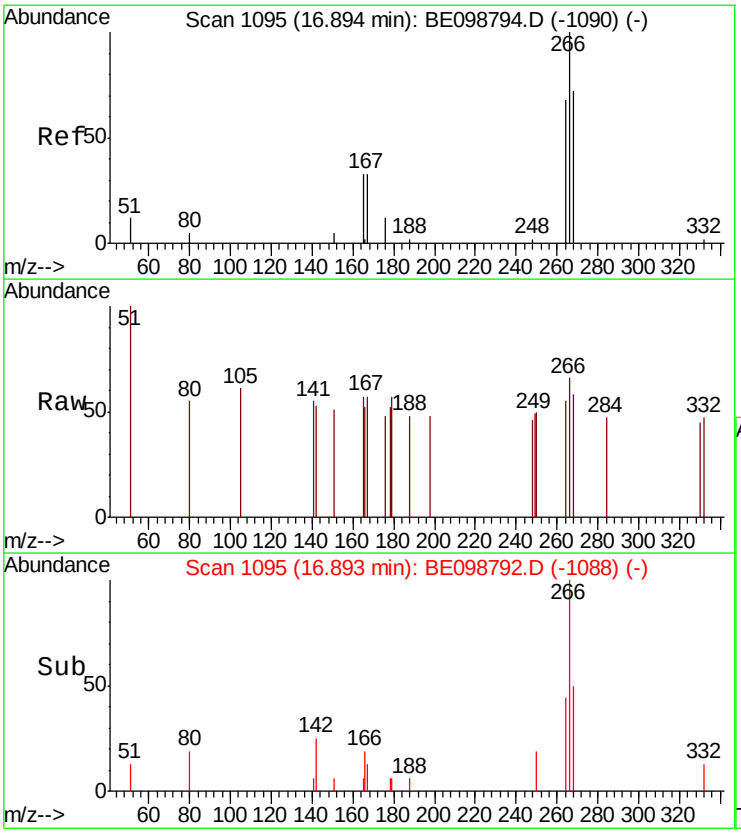
#21
Hexachlorobenzene
Concen: 0.109 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 373

Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.7	43.1
249	35.4	29.6	44.4

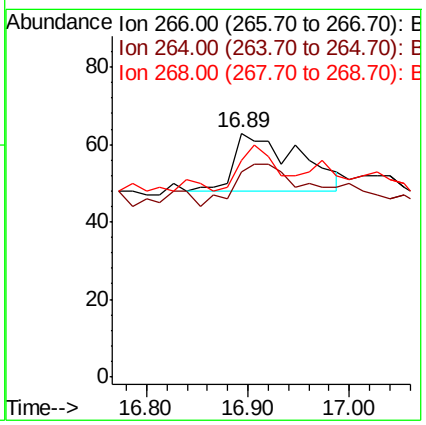


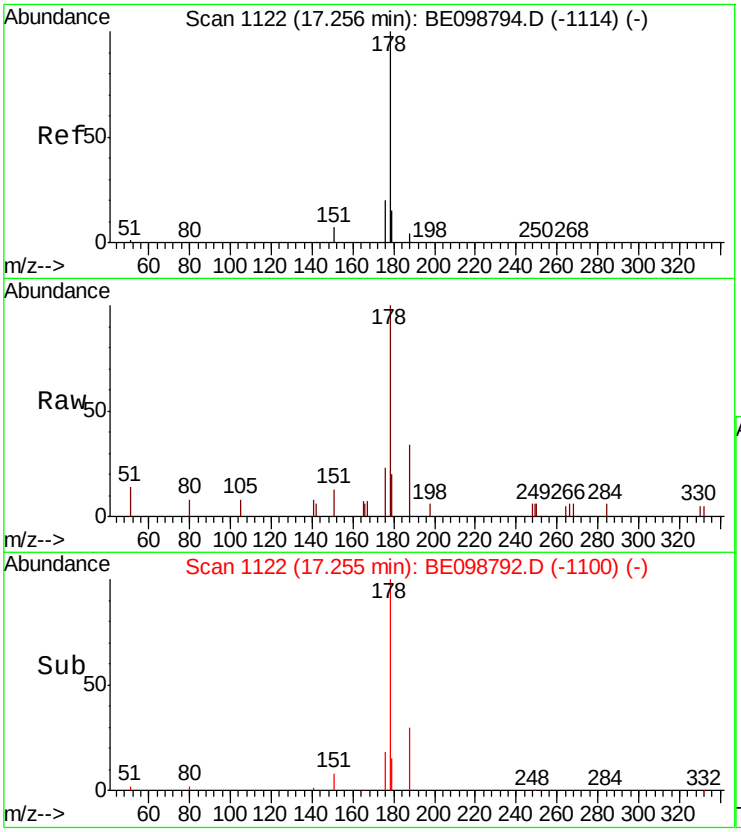


#22
Pentachlorophenol
Concen: 0.067 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	84.1	66.6	100.0
268	88.9	69.8	104.8



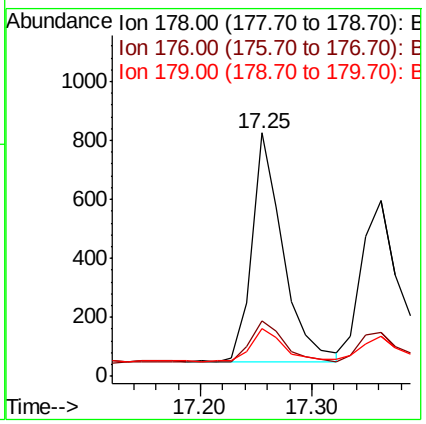


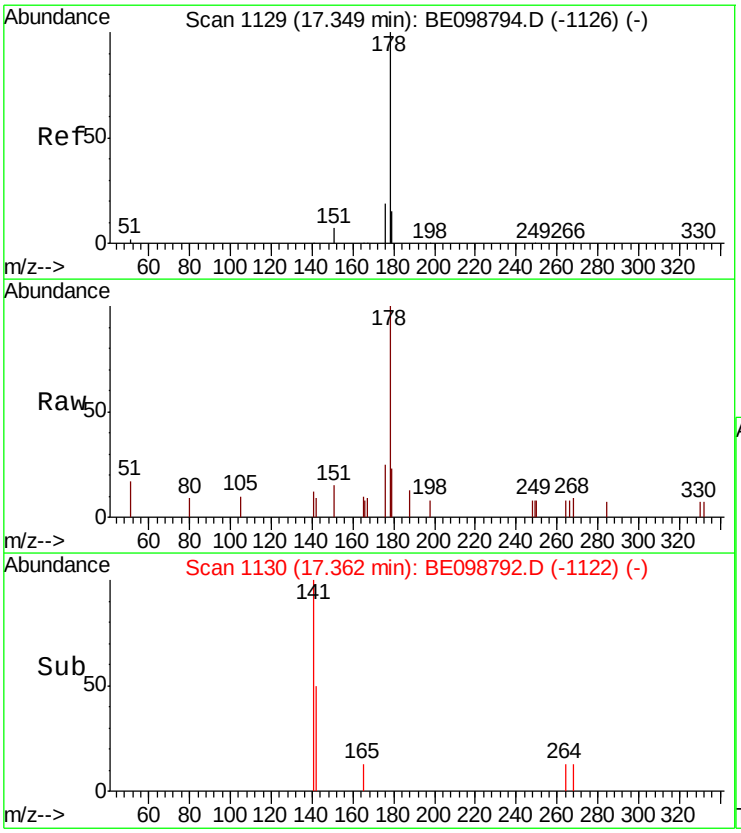
#23
Phenanthrene
Concen: 0.121 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1524

Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.0	24.0
179	14.4	12.1	18.1

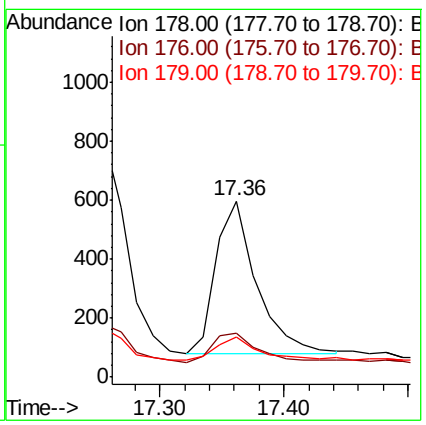


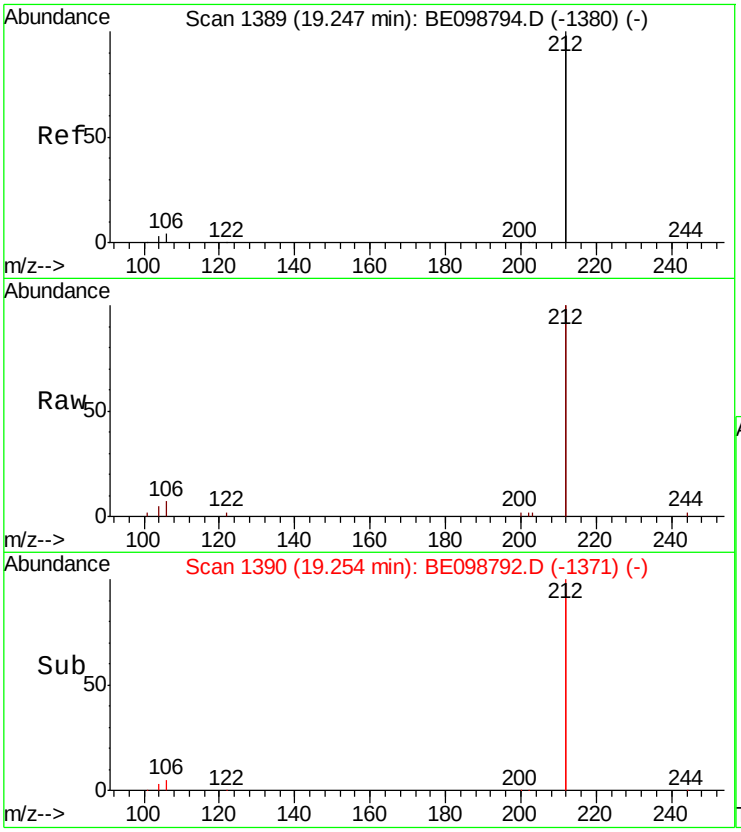


#24
Anthracene
Concen: 0.109 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:178 Resp: 1176

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.4	23.0
179	16.2	12.2	18.4



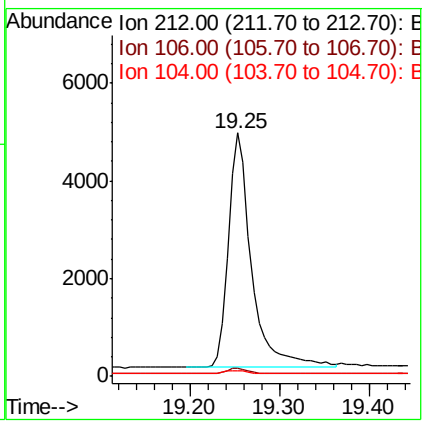


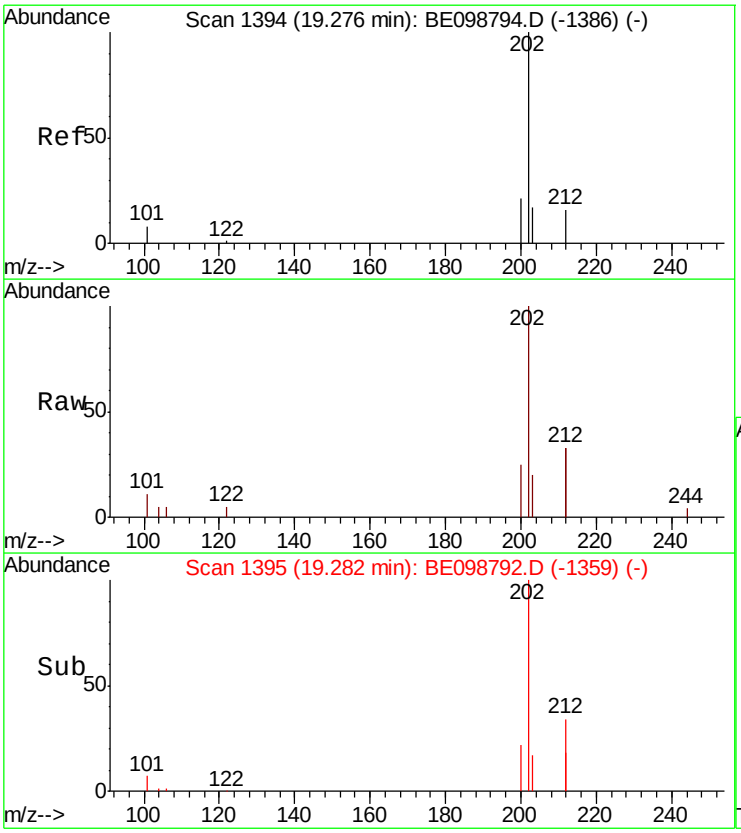
#25
Fluoranthene-d10
Concen: 0.129 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 8519

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.5	1.0	1.6

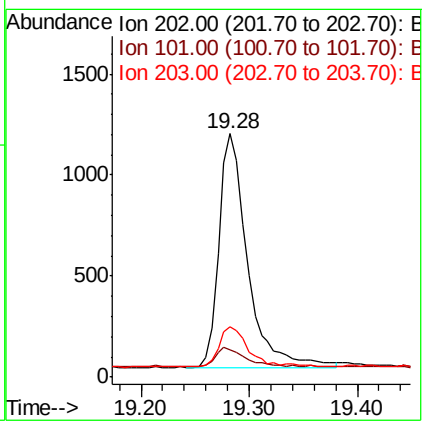


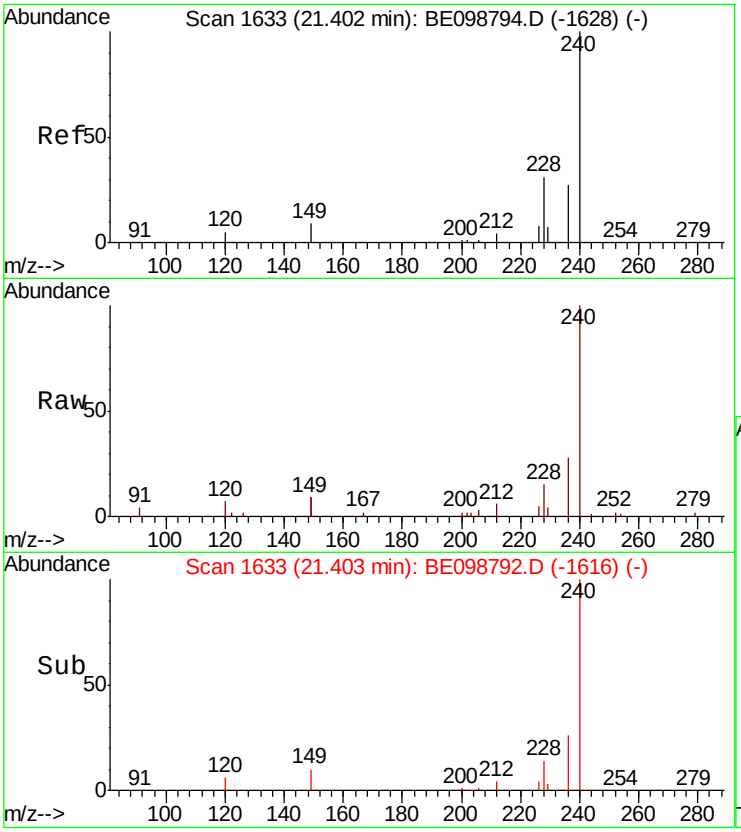


#26
Fluoranthene
Concen: 0.131 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:202 Resp: 2134

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.3	10.9
203	17.5	13.4	20.2



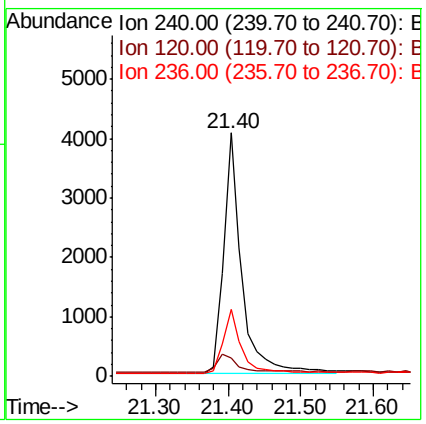


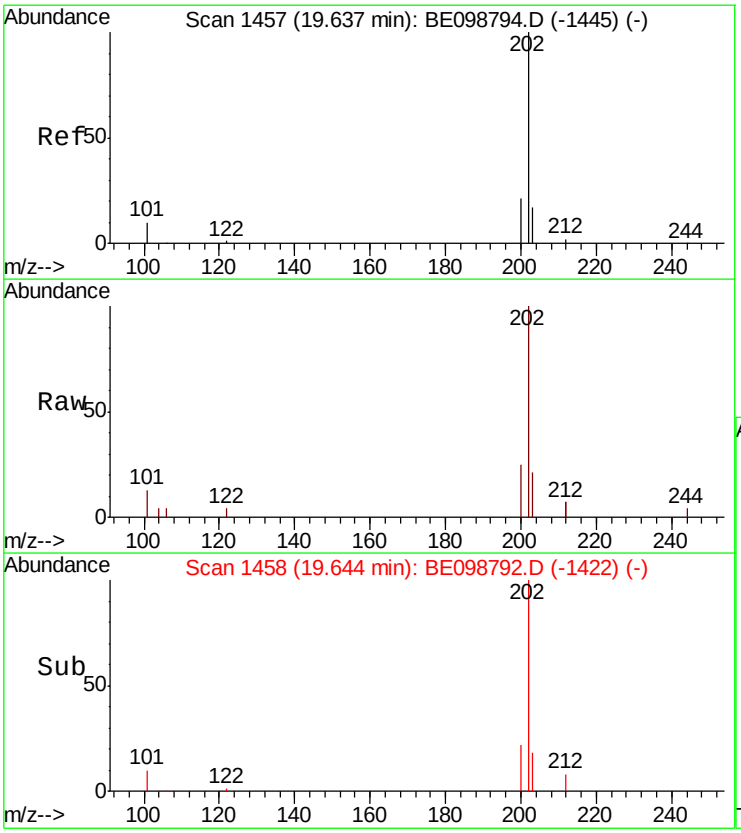
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7189

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.0	7.4
236	27.5	22.7	34.1

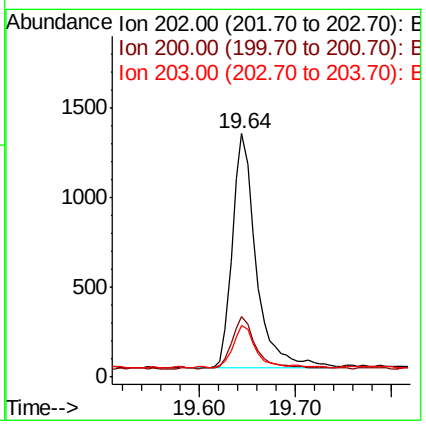


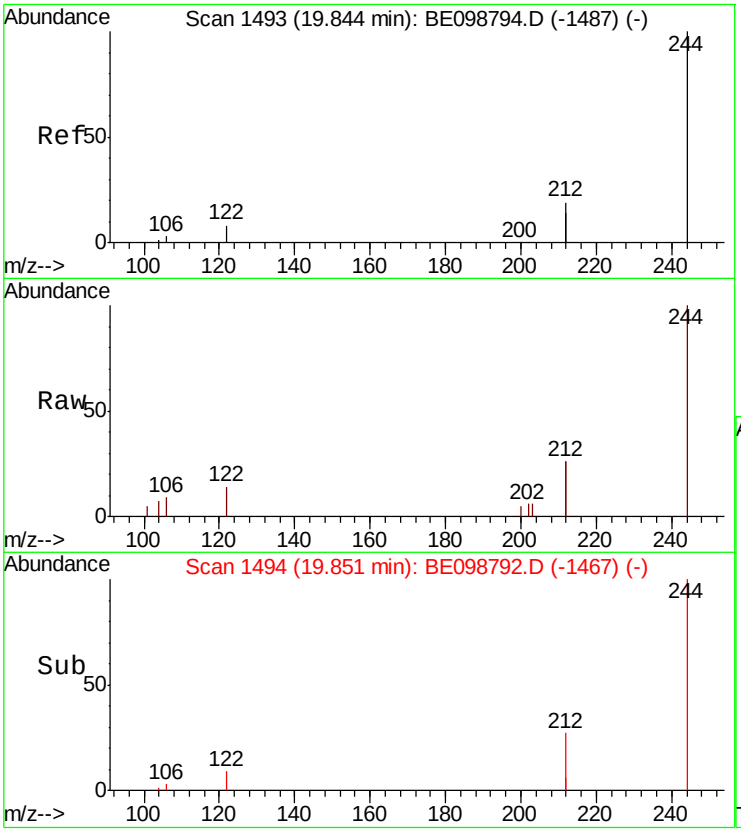


#28
Pyrene
Concen: 0.113 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:202 Resp: 2246

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.0	25.6
203	16.1	14.2	21.2



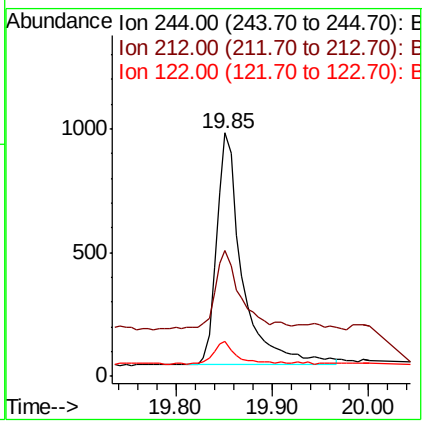


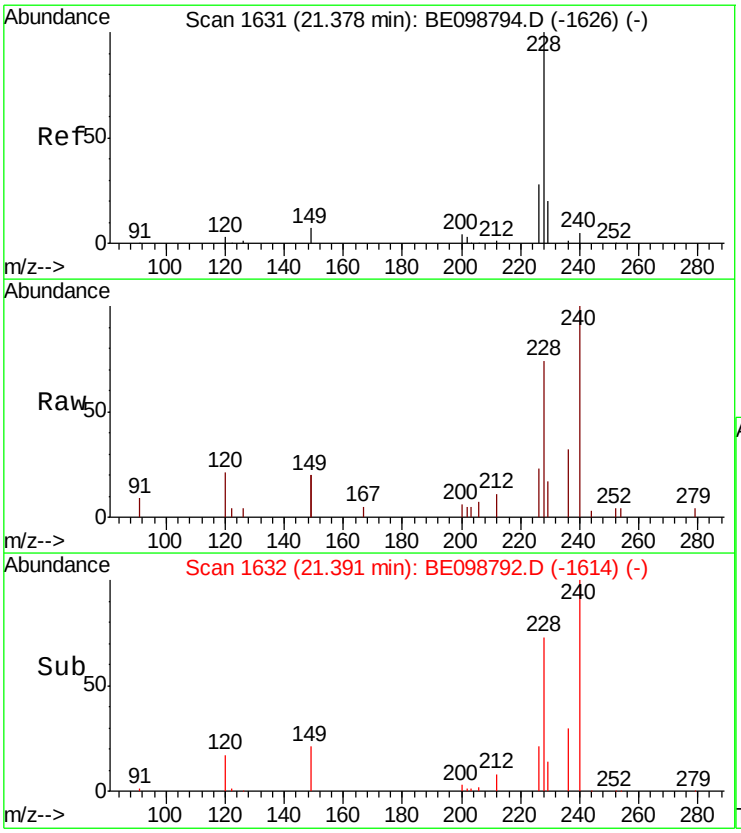
#29
Terphenyl-d14
Concen: 0.110 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1745

Ion	Ratio	Lower	Upper
244	100		
212	51.8	29.4	44.2#
122	14.1	7.1	10.7#

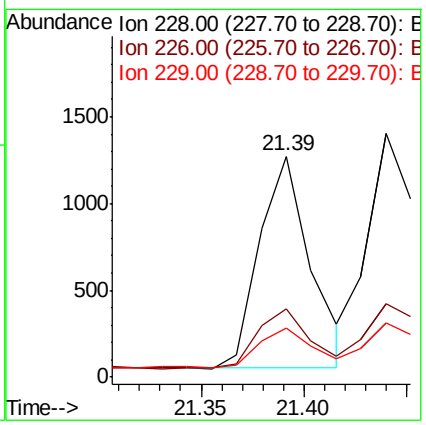


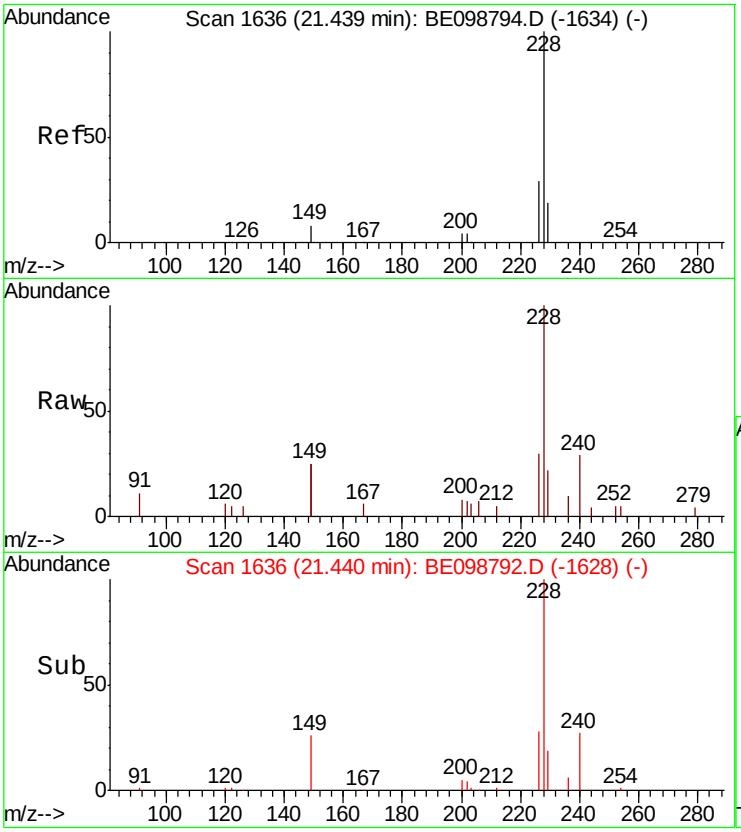


#30
Benzo(a)anthracene
Concen: 0.109 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:228 Resp: 2112

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.0	34.4
229	22.4	16.5	24.7



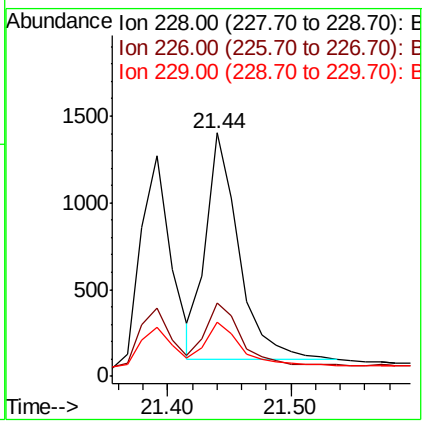


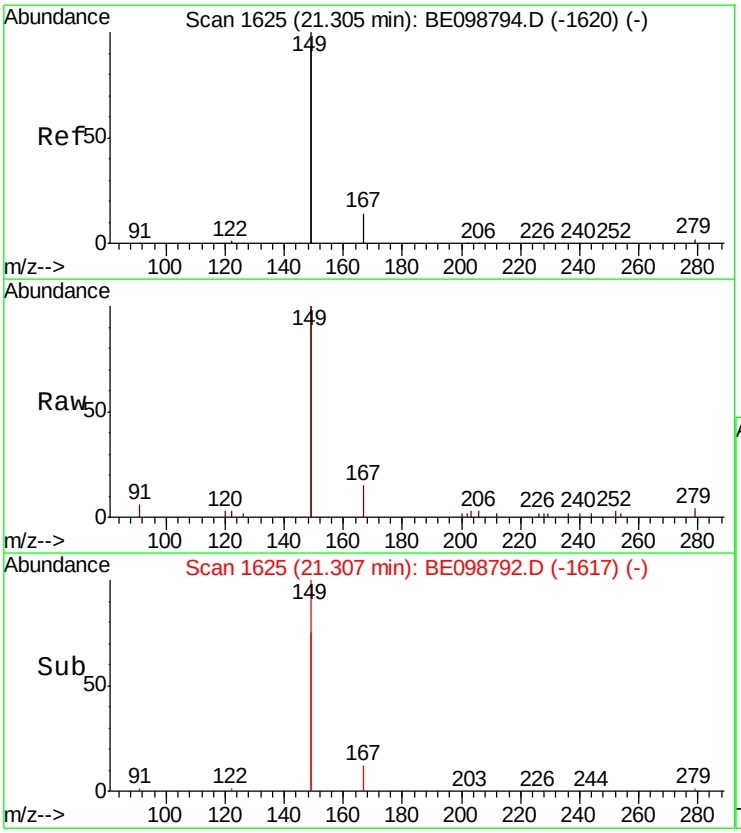
#31
Chrysene
Concen: 0.122 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2435

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	22.2	16.1	24.1

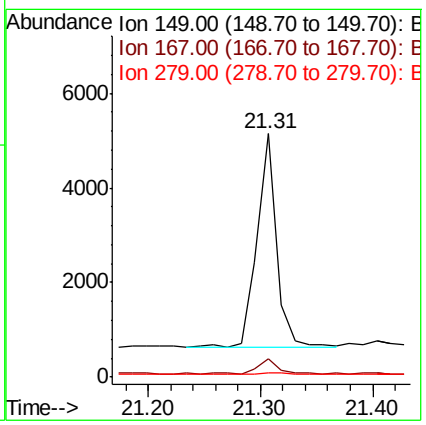


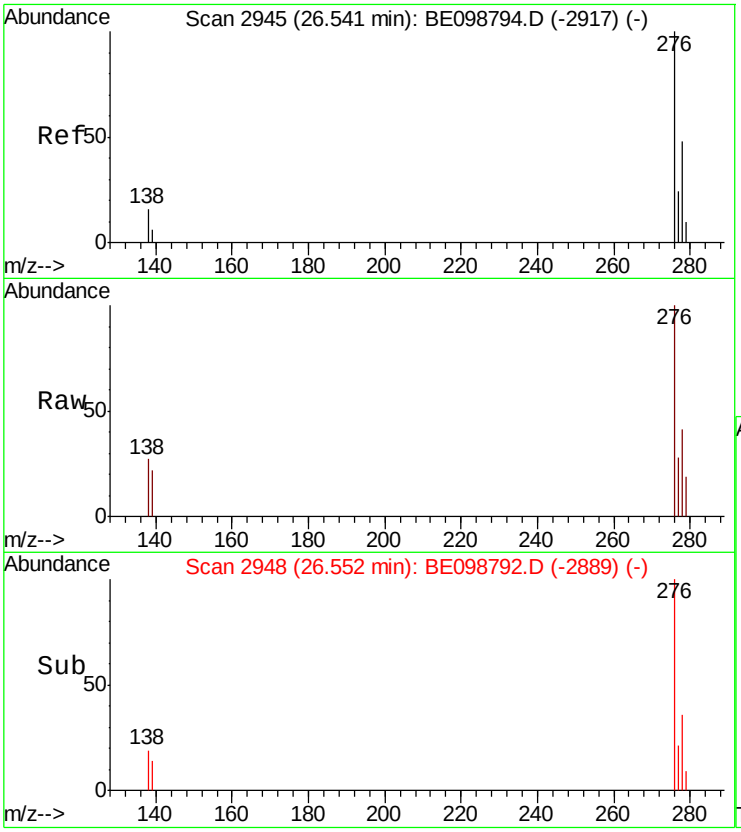


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:149 Resp: 5463

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.8	1.0	1.4#



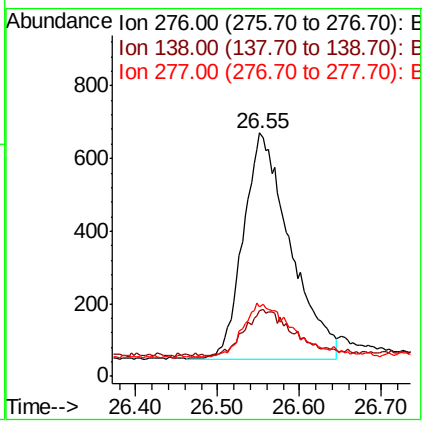


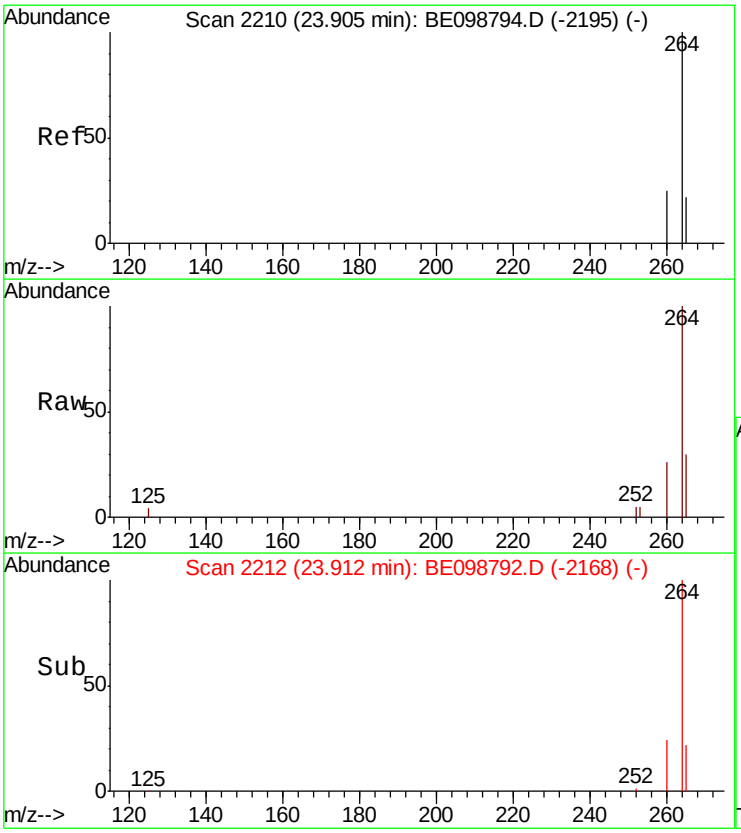
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng
RT: 26.55 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2460

Ion	Ratio	Lower	Upper
276	100		
138	21.5	13.8	20.8#
277	25.4	19.5	29.3

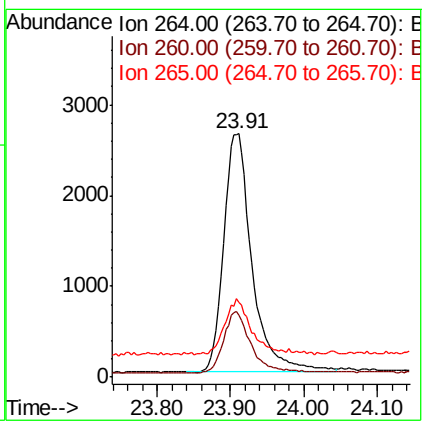


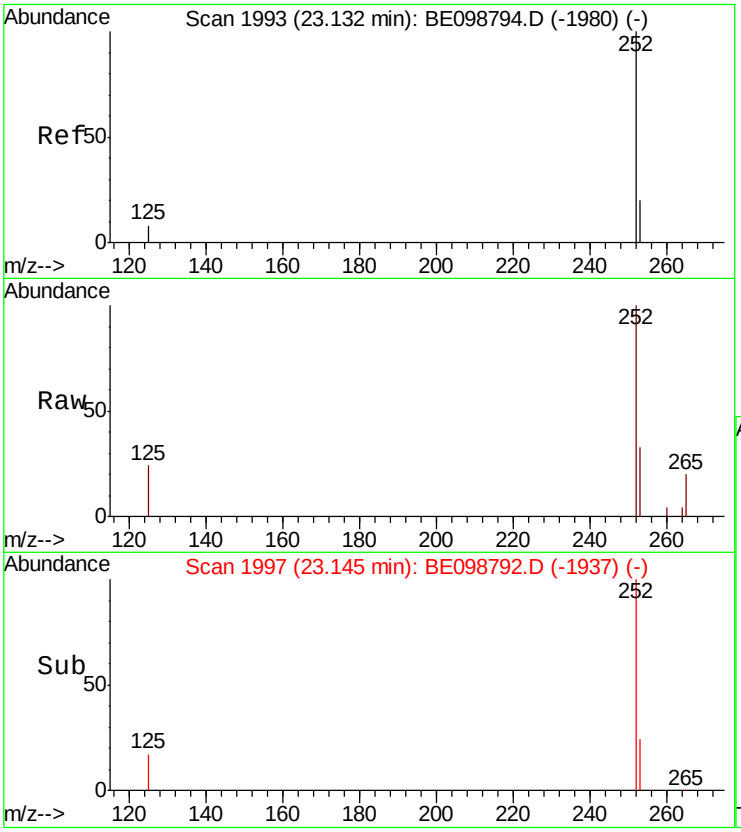


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:264 Resp: 7132

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.2	31.8
265	30.5	24.6	36.8



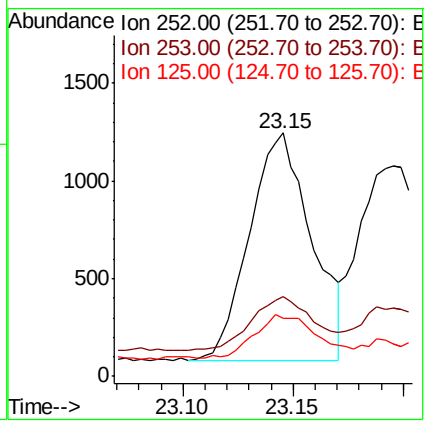


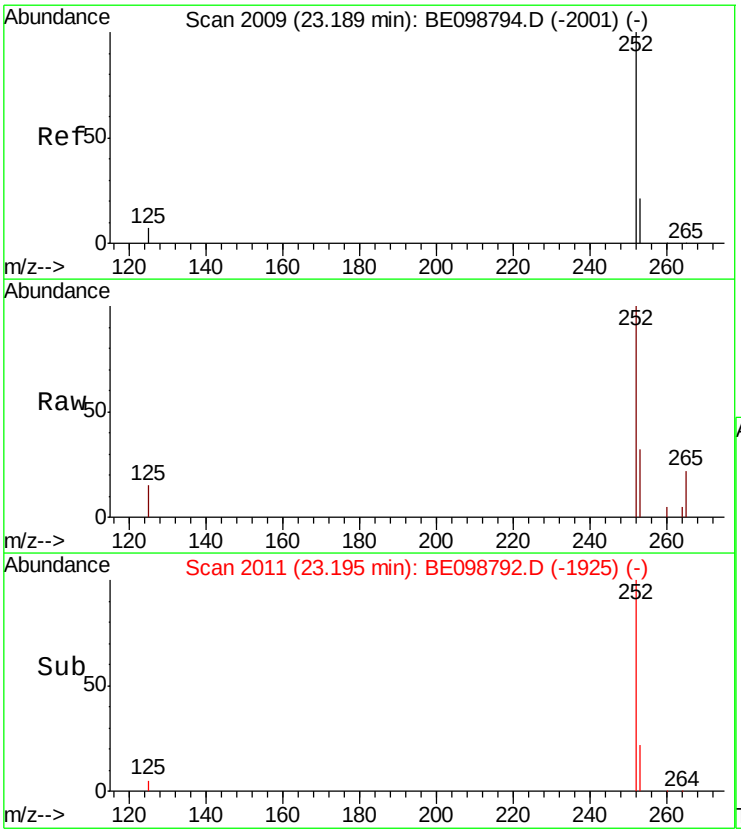
#35
Benzo(b)fluoranthene
Concen: 0.117 ng
RT: 23.15 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2269

Ion	Ratio	Lower	Upper
252	100		
253	32.7	18.2	27.2#
125	23.6	7.3	10.9#

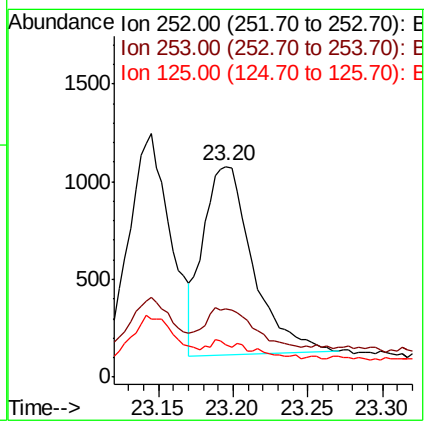


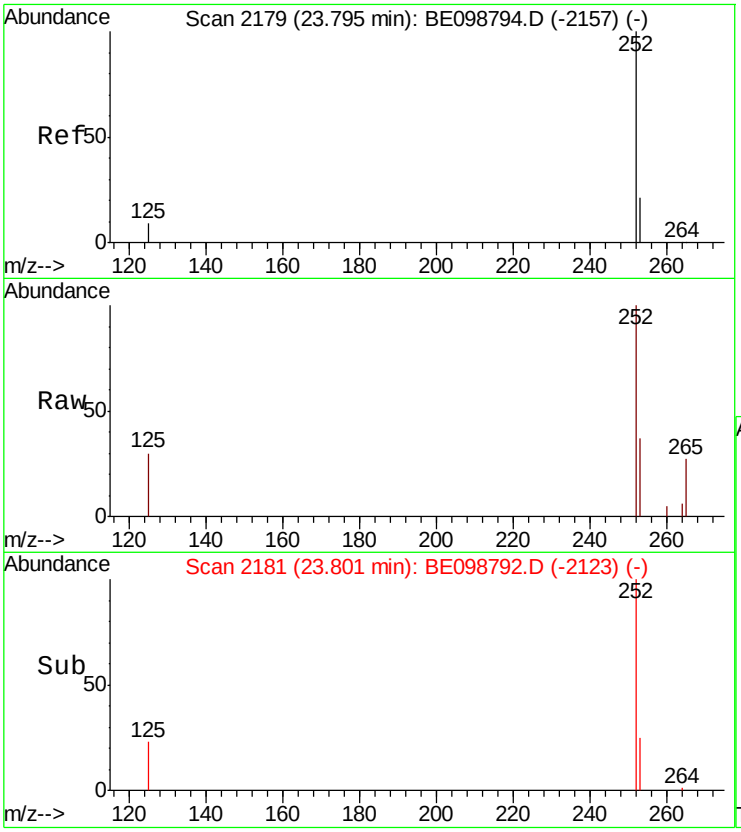


#36
Benzo(k)fluoranthene
Concen: 0.105 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:252 Resp: 2243

Ion	Ratio	Lower	Upper
252	100		
253	32.4	19.3	28.9#
125	15.4	7.5	11.3#



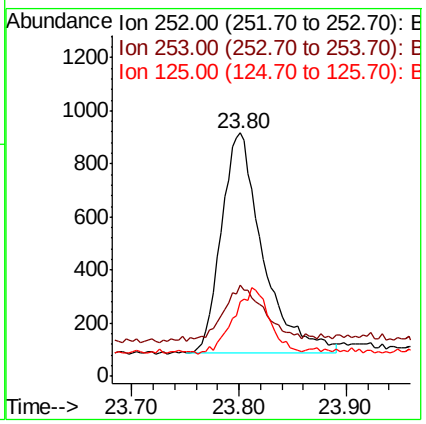


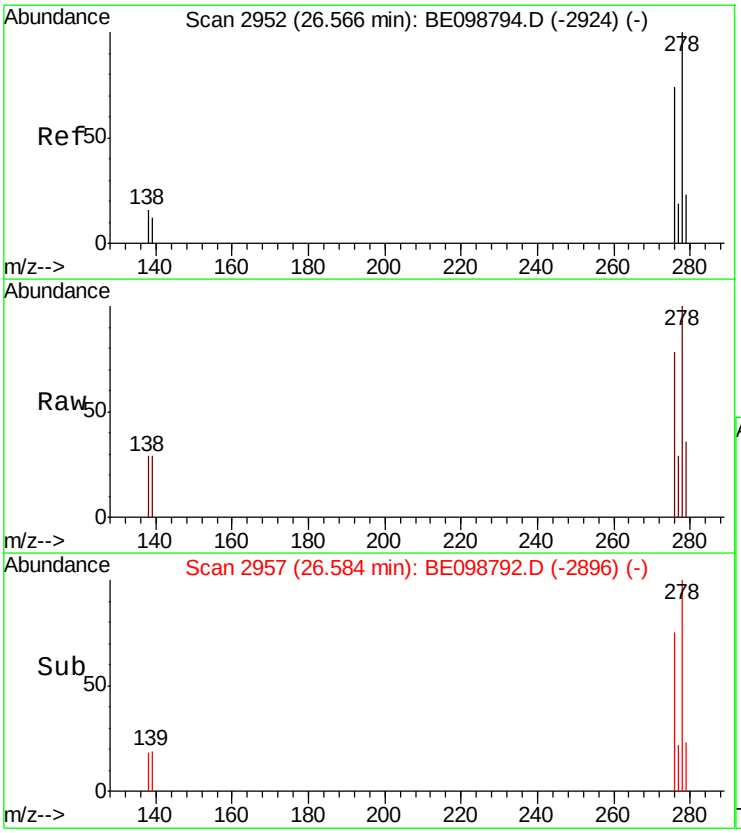
#37
Benzo(a)pyrene
Concen: 0.116 ng
RT: 23.80 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2208

Ion	Ratio	Lower	Upper
252	100		
253	37.4	19.9	29.9#
125	30.4	9.0	13.4#

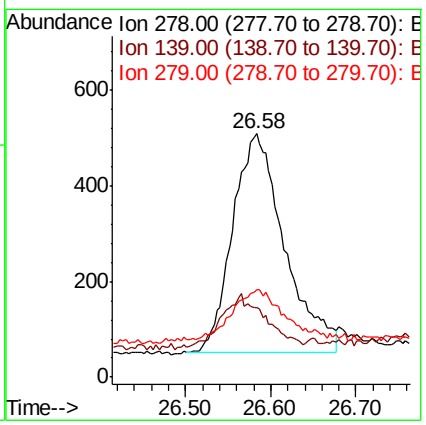


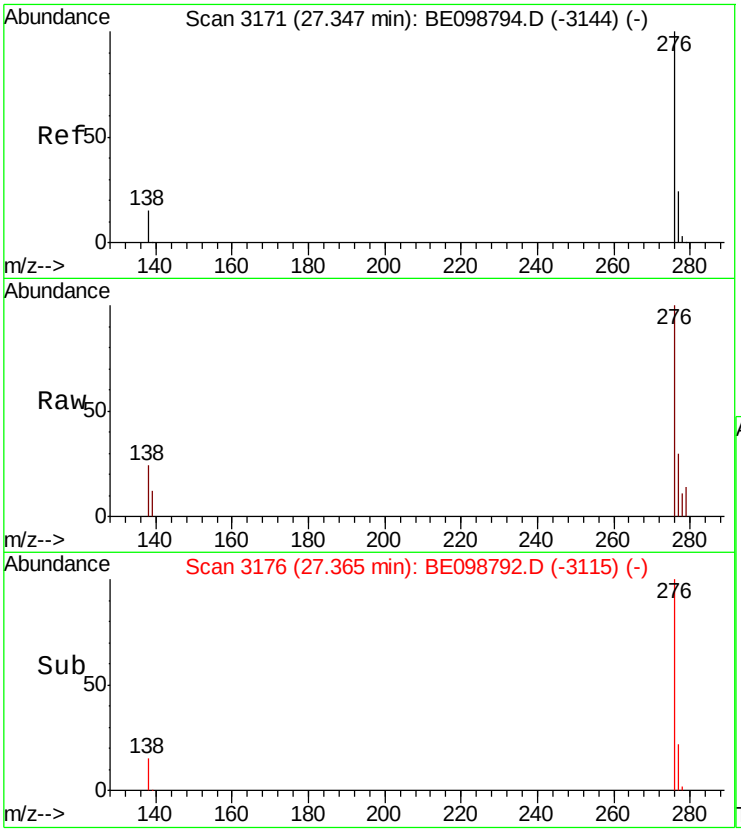


#38
Dibenzo(a,h)anthracene
Concen: 0.115 ng
RT: 26.58 min Scan# 2957
Delta R.T. 0.02 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Tgt Ion:278 Resp: 1940

Ion	Ratio	Lower	Upper
278	100		
139	28.9	11.8	17.6#
279	35.8	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.119 ng
RT: 27.36 min Scan# 3176
Delta R.T. 0.02 min
Lab File: BE098792.D
Acq: 6 Mar 2019 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2214

Ion	Ratio	Lower	Upper
276	100		
277	30.5	20.4	30.6
138	24.2	13.6	20.4#