Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
Data File : BE098233.D
Acq On : 16 Nov 2018 17:16
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 16 17:47:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 17:10:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1356	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	6791	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4345	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	9954	0.40	ng		0.00
27) Chrysene-d12	21.46	240	10763	0.40	ng		0.00
34) Perylene-d12	24.02	264	10058	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2790	0.73	ng		-0.01
5) Phenol-d6	7.03	99	4507	0.73	ng		0.00
8) Nitrobenzene-d5	9.02	82	4934	0.73	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	9189	0.77	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	1166	0.62	ng		-0.01
15) 2-Fluorobiphenyl	13.15	172	14162	0.78	ng		0.00
25) Fluoranthene-d10	19.31	212	94271	0.76	ng		0.00
29) Terphenyl-d14	19.91	244	19016	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1722	0.781	ng		89
3) n-Nitrosodimethylamine	3.68	42	1970	0.740	ng	#	85
6) bis(2-Chloroethyl)ether	7.29	93	3838	0.773	ng		100
9) Naphthalene	10.72	128	53195	0.770	ng		99
10) Hexachlorobutadiene	11.00	225	3086	0.719	ng		98
12) 2-Methylnaphthalene	12.34	142	9513	0.794	ng		92
16) Acenaphthylene	14.26	152	16228	0.815	ng		99
17) Acenaphthene	14.60	154	9679	0.796	ng		99
18) Fluorene	15.57	166	12301	0.790	ng		100
20) 4-Bromophenyl-phenylether	16.47	248	4861	0.801	ng		91
21) Hexachlorobenzene	16.58	284	4878	0.773	ng		98
22) Pentachlorophenol	16.94	266	761	0.694	ng		93
23) Phenanthrene	17.32	178	19763	0.797	ng		100
24) Anthracene	17.41	178	18432	0.798	ng		98
26) Fluoranthene	19.34	202	23993	0.782	ng		98
28) Pyrene	19.70	202	24538	0.828	ng		99
30) Benzo(a)anthracene	21.45	228	24145	0.790	ng		99
31) Chrysene	21.50	228	25081	0.808	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	36216	0.570	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	22100	0.776	ng	#	91
35) Benzo(b)fluoranthene	23.23	252	22288	0.781	ng		96
36) Benzo(k)fluoranthene	23.28	252	24728	0.821	ng		100
37) Benzo(a)pyrene	23.90	252	21764	0.795	ng		98
38) Dibenzo(a,h)anthracene	26.74	278	17575	0.754	ng	#	92
39) Benzo(g,h,i)perylene	27.53	276	19147	0.787	ng		97

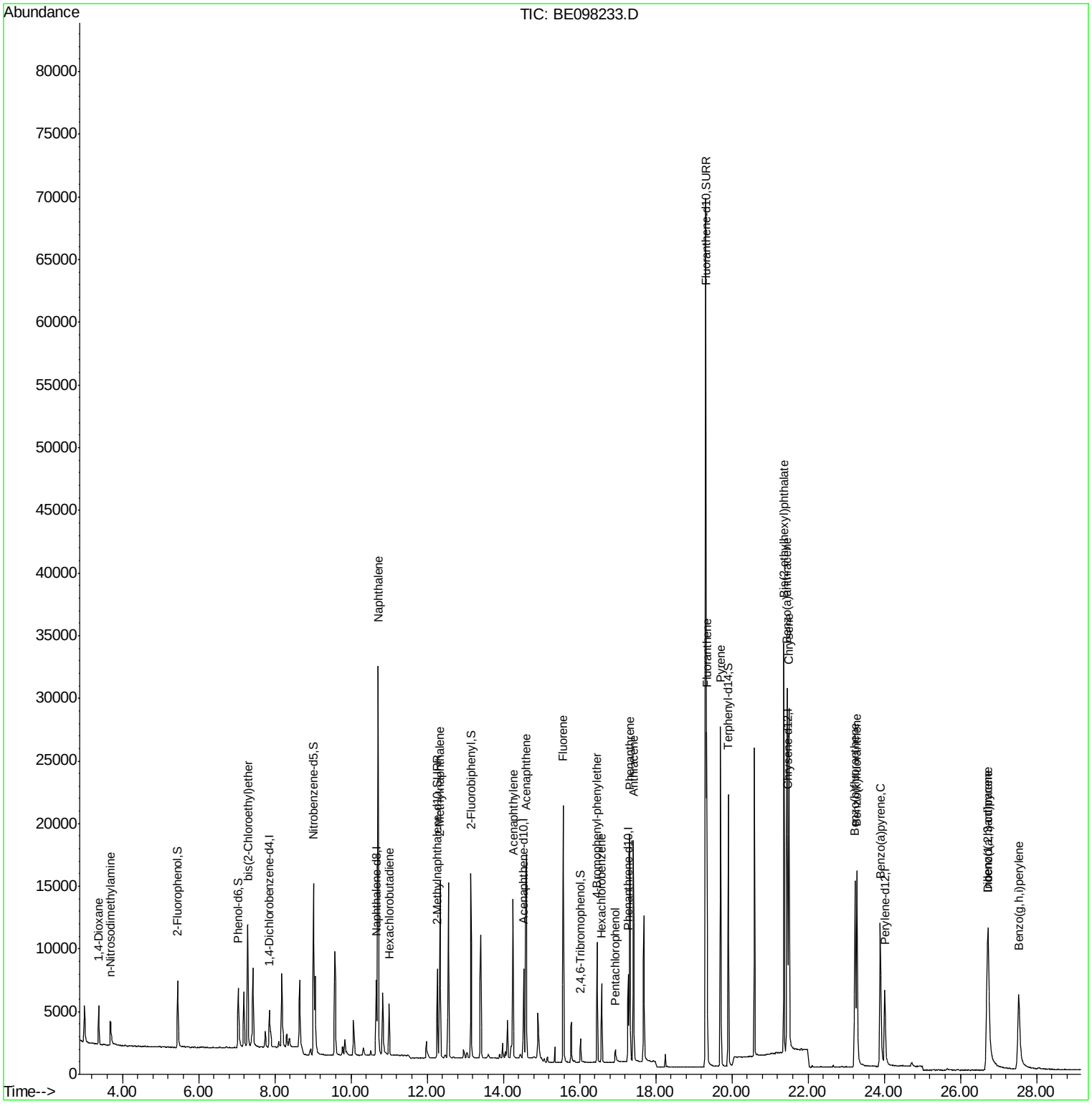
(#) = qualifier out of range (m) = manual integration (+) = signals summed

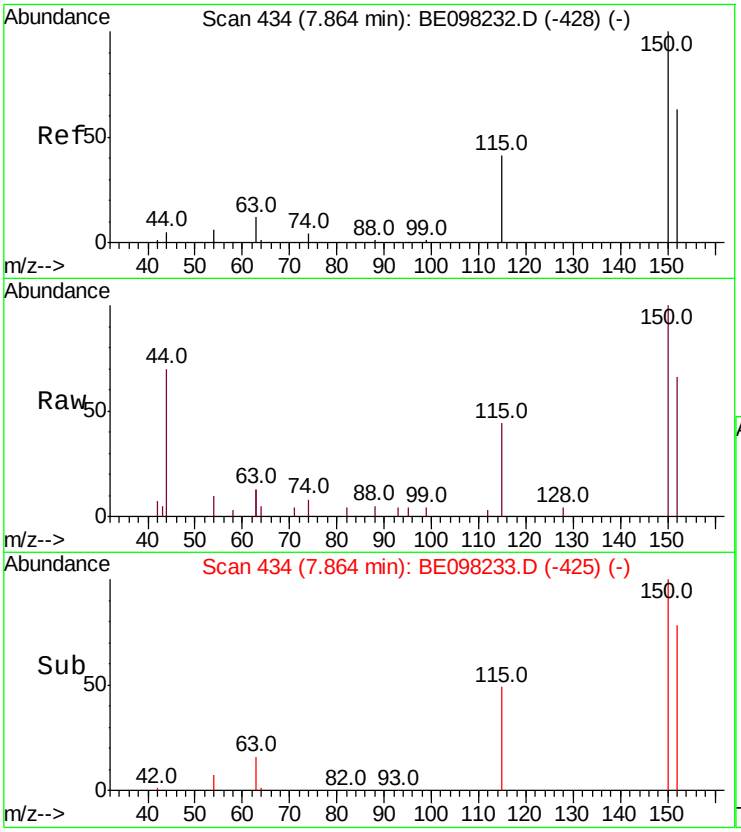
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
Data File : BE098233.D
Acq On : 16 Nov 2018 17:16
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 16 17:47:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 17:10:30 2018
Response via : Initial Calibration



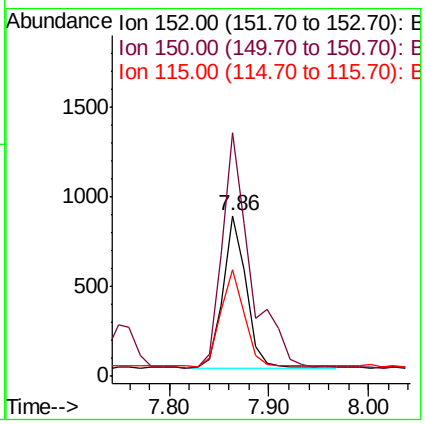


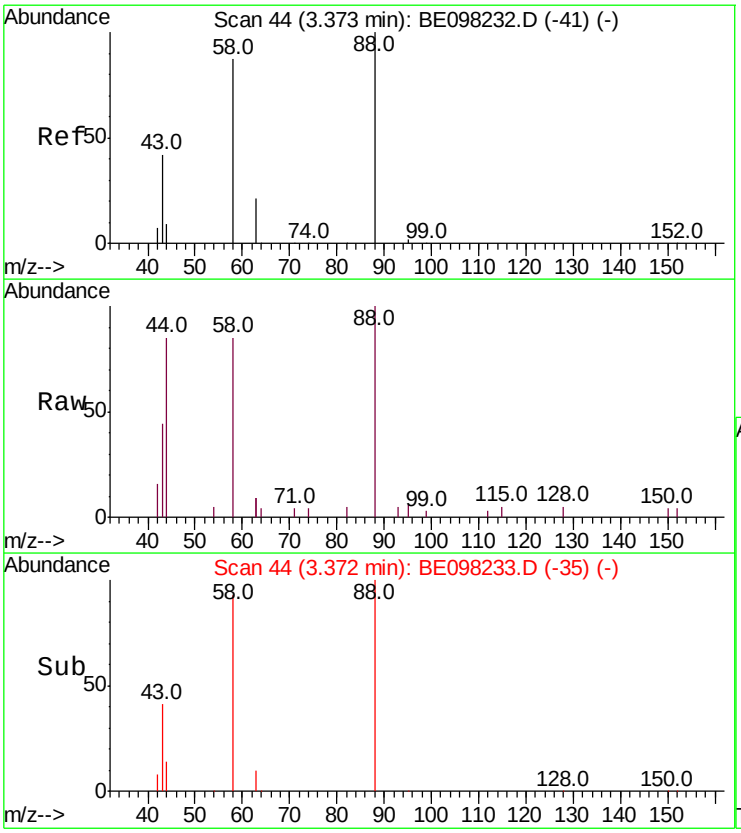
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1356

Ion	Ratio	Lower	Upper
152	100		
150	151.6	127.5	191.3
115	66.3	60.3	90.5

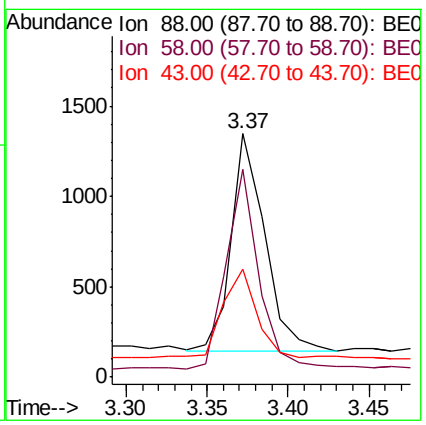


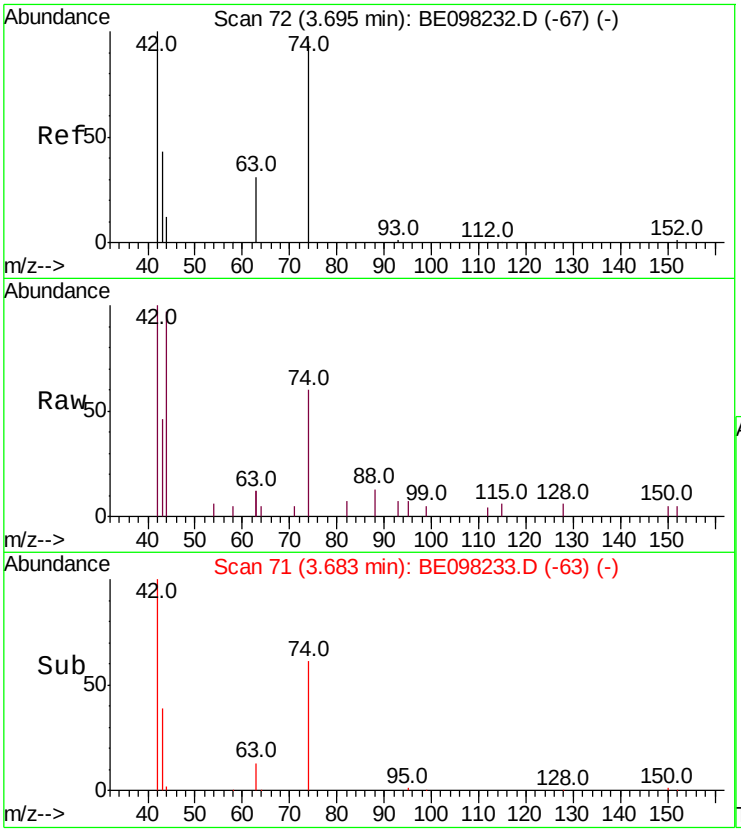


#2
1,4-Dioxane
Concen: 0.781 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion: 88 Resp: 1722

Ion	Ratio	Lower	Upper
88	100		
58	87.9	79.0	118.4
43	40.4	38.1	57.1



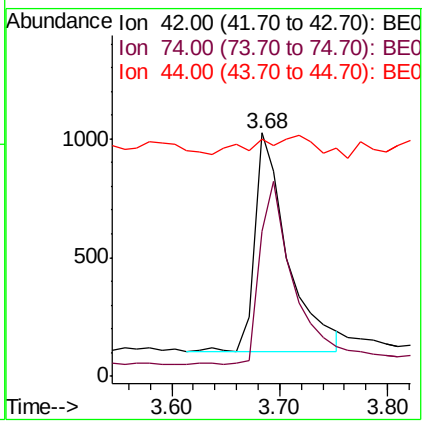


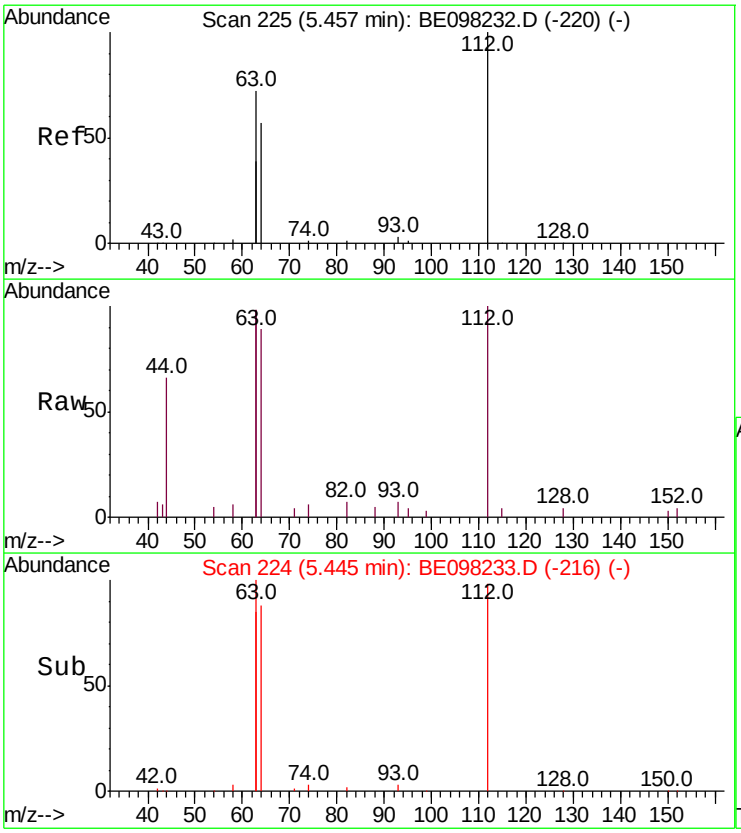
#3
n-Nitrosodimethylamine
Concen: 0.740 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1970

Ion	Ratio	Lower	Upper
42	100		
74	85.0	61.7	92.5
44	0.0	14.0	21.0#

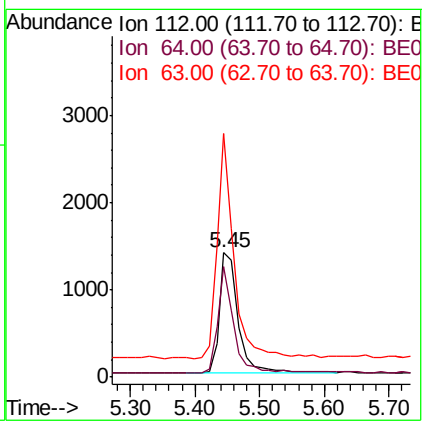


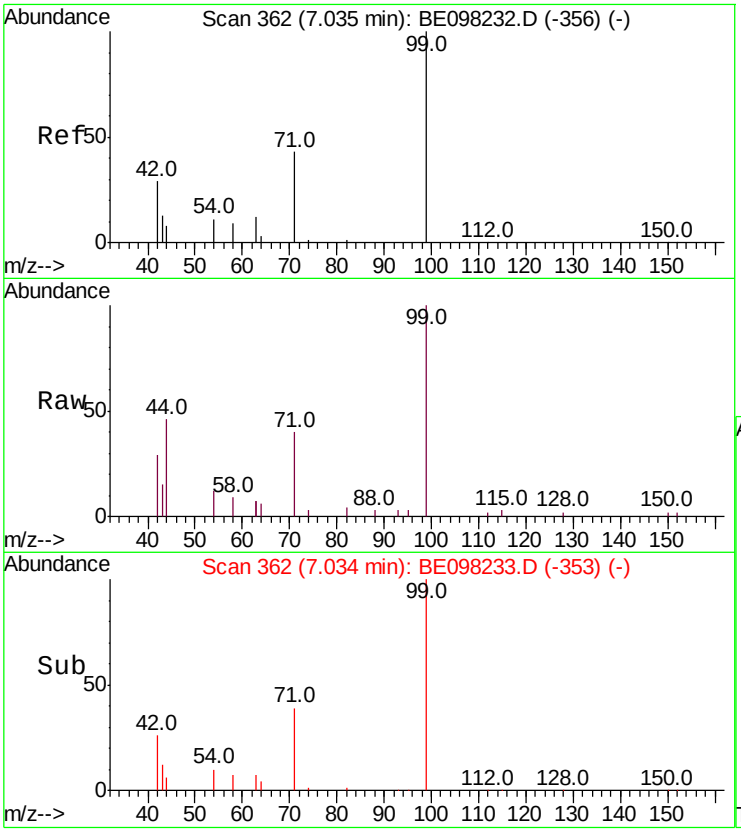


#4
2-Fluorophenol
Concen: 0.729 ng
RT: 5.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:112 Resp: 2790

Ion	Ratio	Lower	Upper
112	100		
64	77.0	61.7	92.5
63	165.7	136.2	204.2



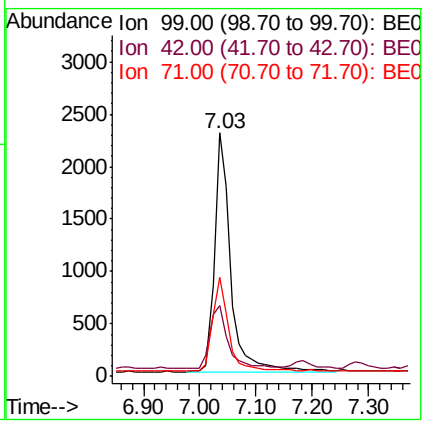


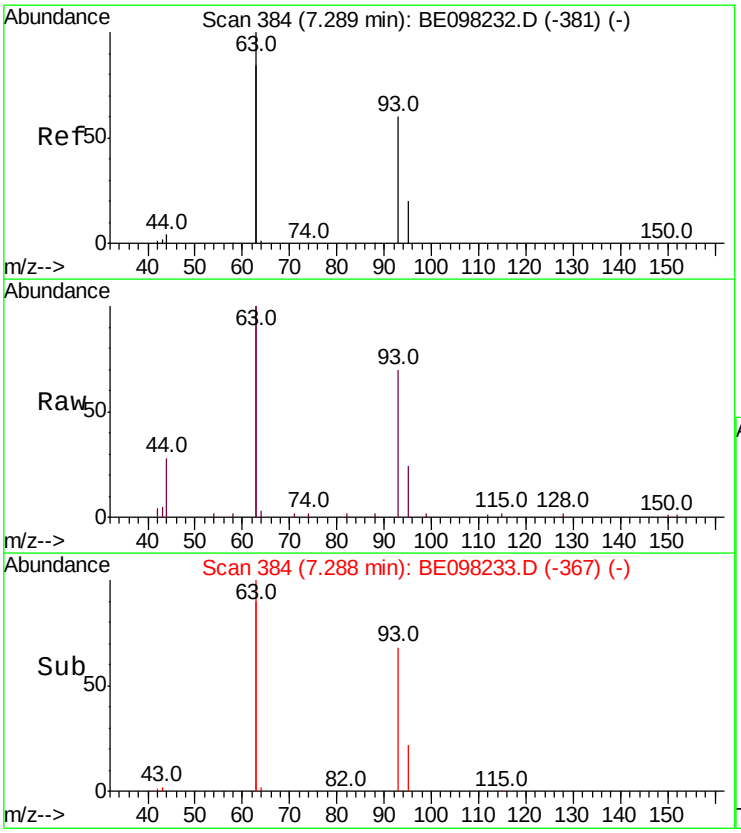
#5
Phenol-d6
Concen: 0.733 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4507

Ion	Ratio	Lower	Upper
99	100		
42	28.9	27.1	40.7
71	39.3	37.0	55.6

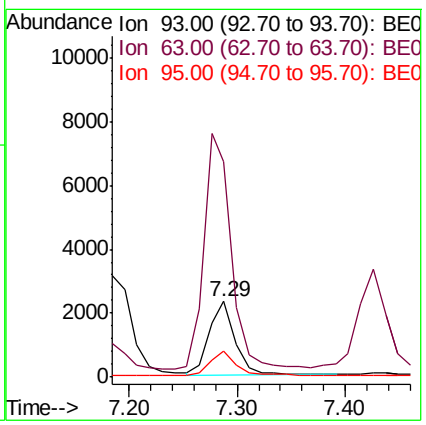


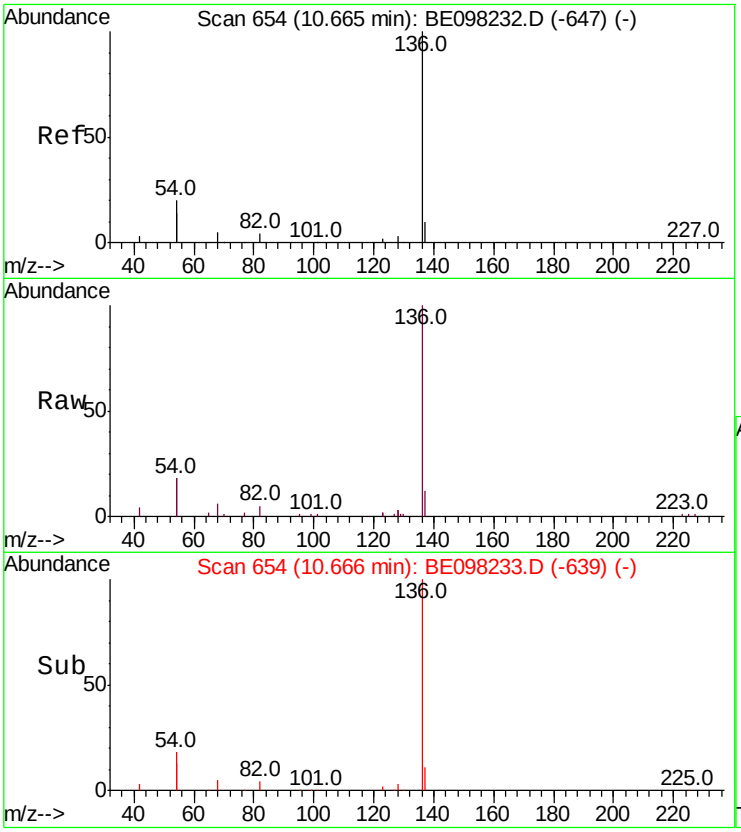


#6
bis(2-Chloroethyl)ether
Concen: 0.773 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion: 93 Resp: 3838

Ion	Ratio	Lower	Upper
93	100		
63	340.2	272.6	409.0
95	33.0	27.1	40.7



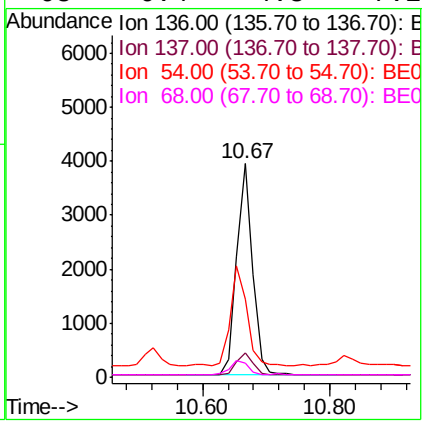


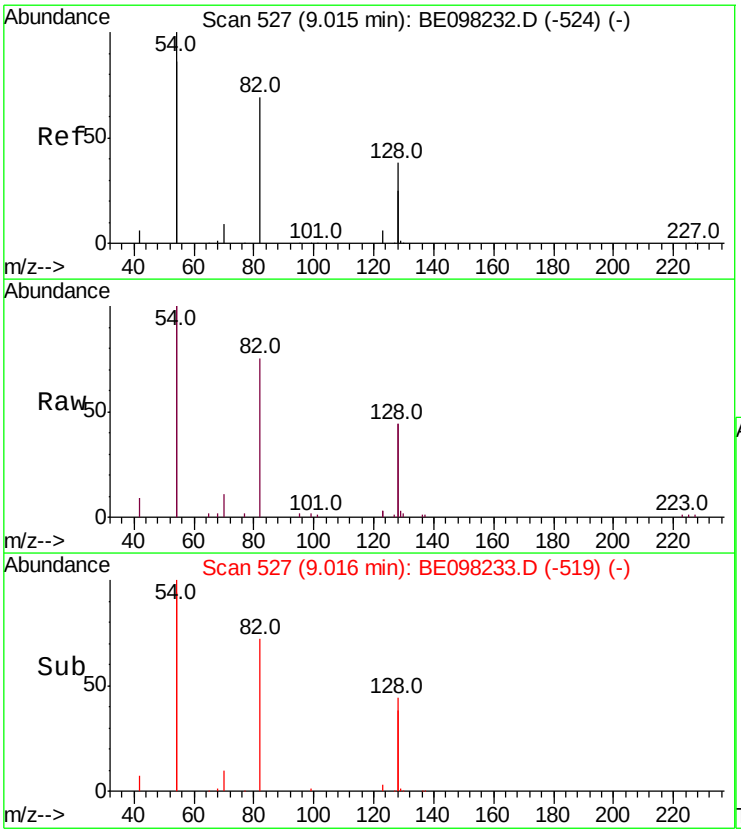
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6791

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	36.6	31.3	46.9
68	6.4	4.8	7.2

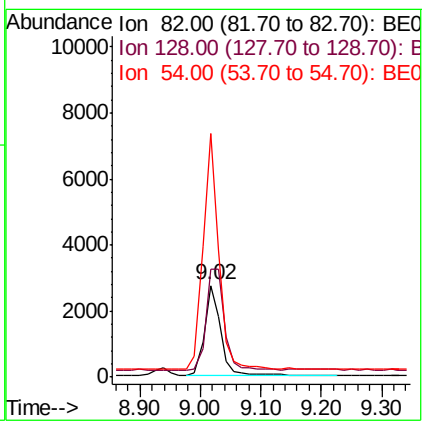


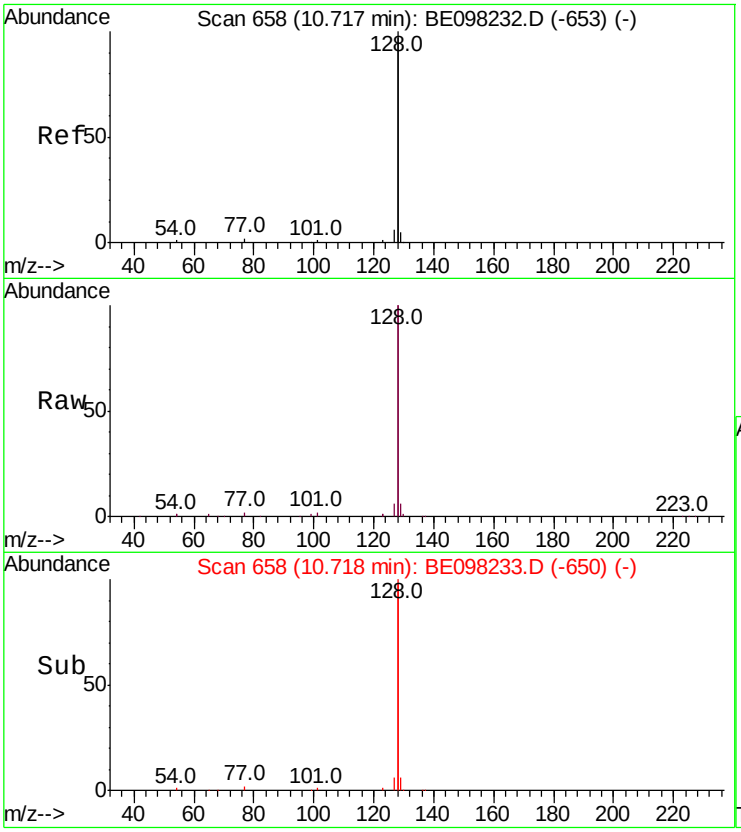


#8
Nitrobenzene-d5
Concen: 0.728 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion: 82 Resp: 4934

Ion	Ratio	Lower	Upper
82	100		
128	118.0	96.1	144.1
54	266.7	232.0	348.0



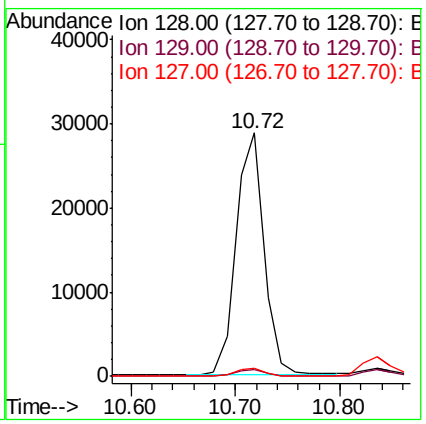


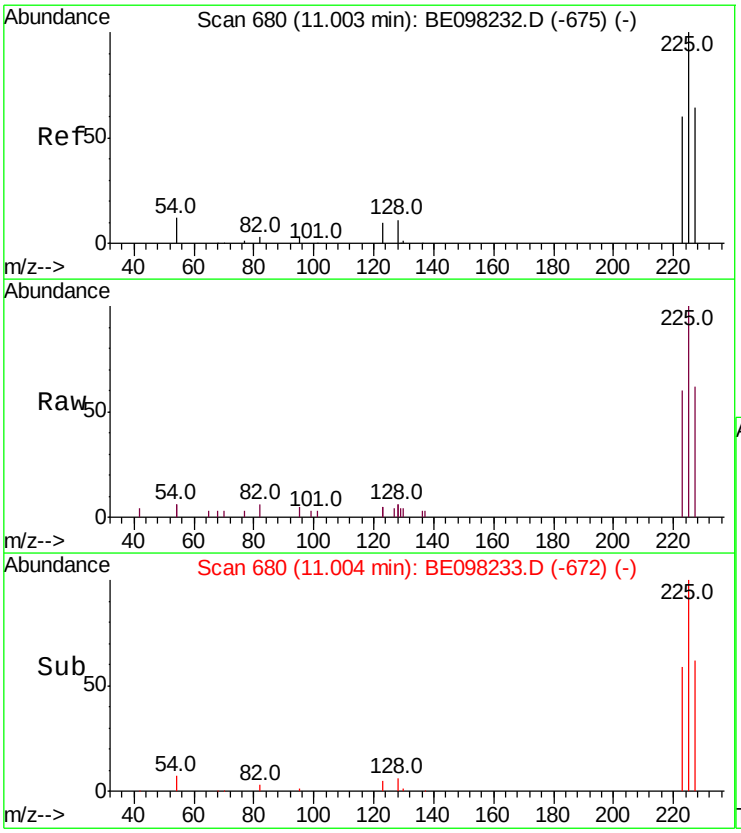
#9
Naphthalene
Concen: 0.770 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 53195

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	4.0
127	3.2	2.8	4.2

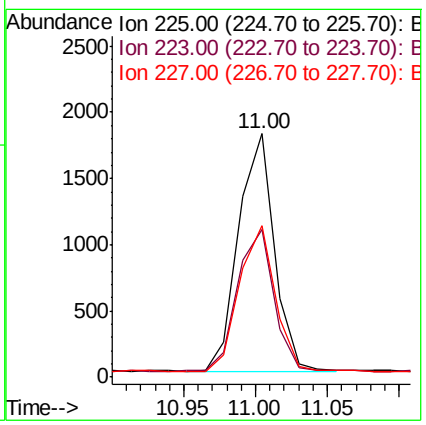


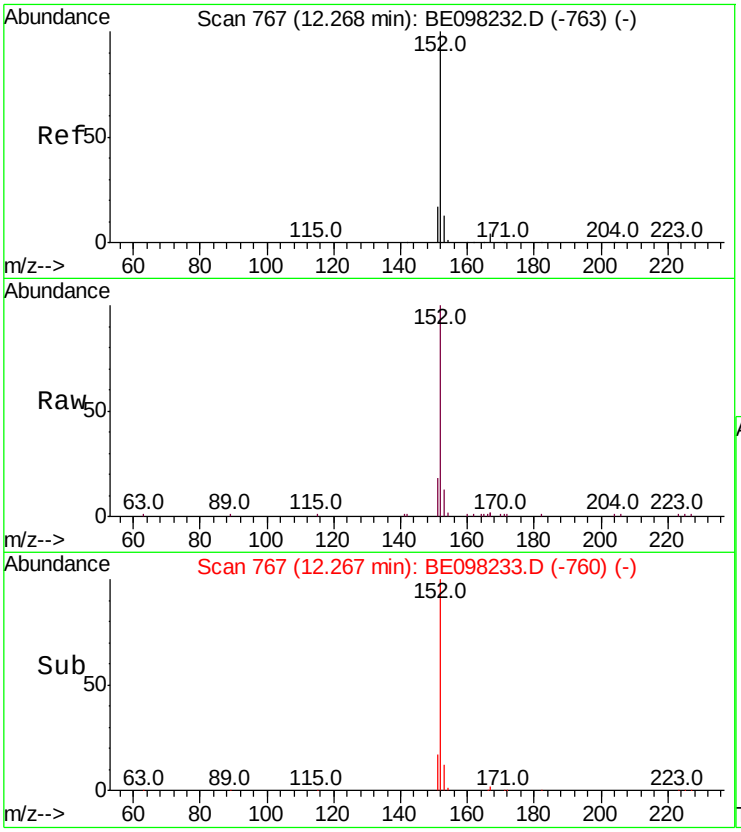


#10
Hexachlorobutadiene
Concen: 0.719 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:225 Resp: 3086

Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.5	75.7
227	61.8	50.3	75.5



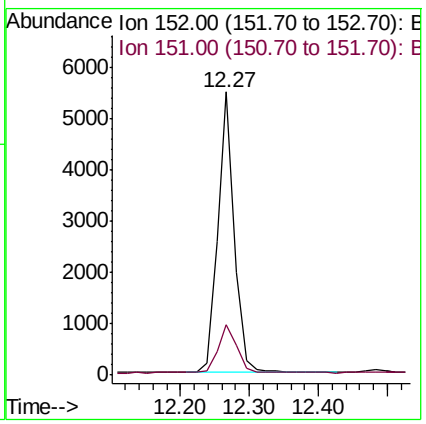


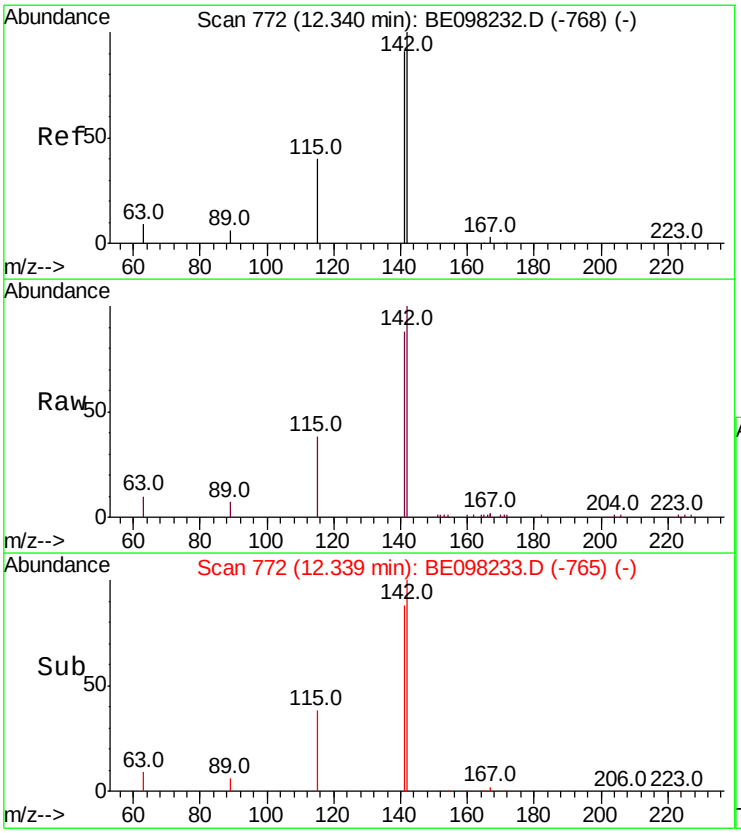
#11
2-Methylnaphthalene-d10
Concen: 0.771 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9189

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

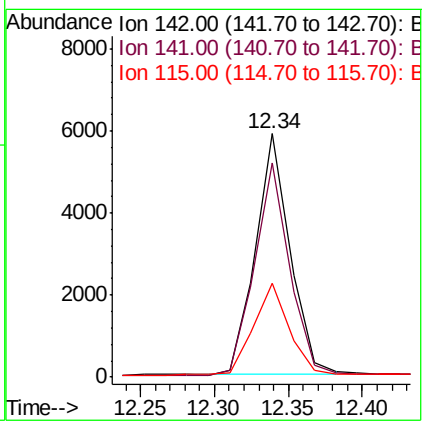


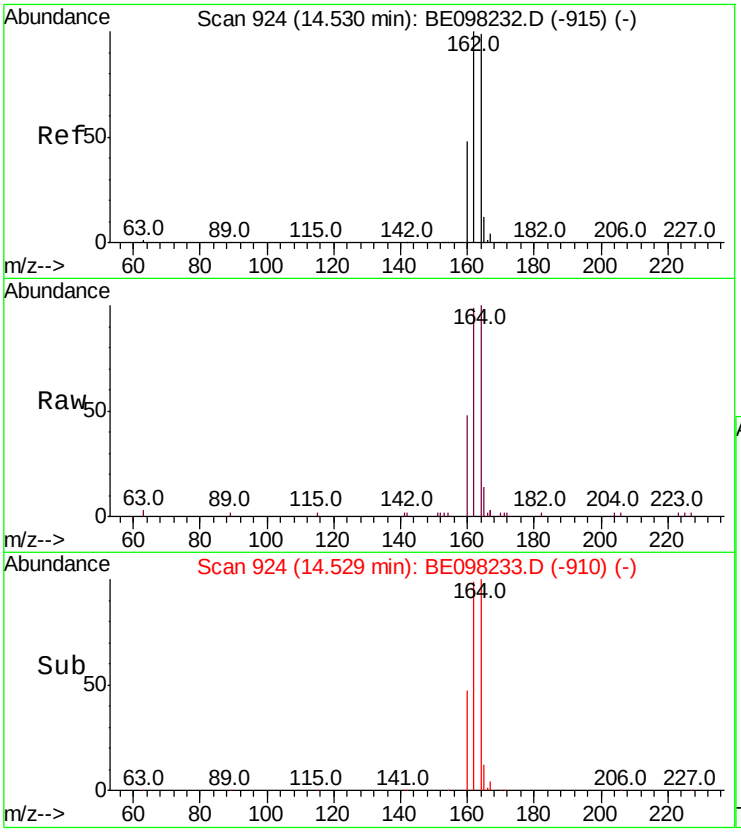


#12
2-Methylnaphthalene
Concen: 0.794 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:142 Resp: 9513

Ion	Ratio	Lower	Upper
142	100		
141	87.8	76.3	114.5
115	38.4	35.8	53.8



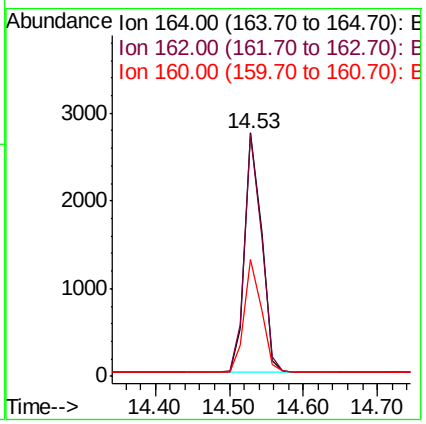


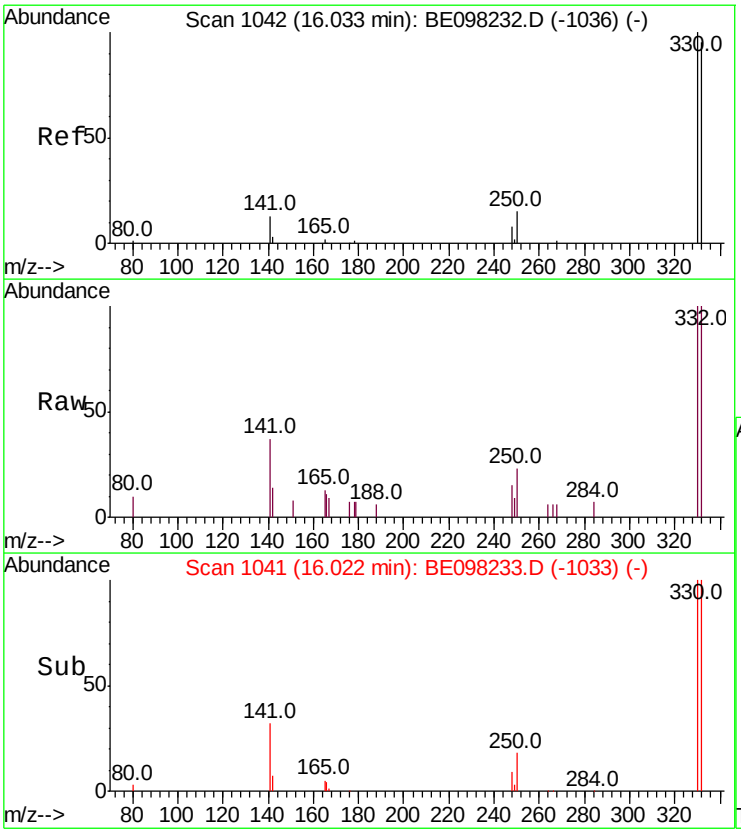
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4345

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.8	122.6
160	48.1	39.4	59.0

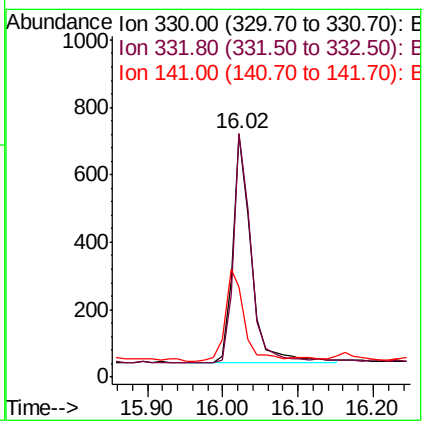


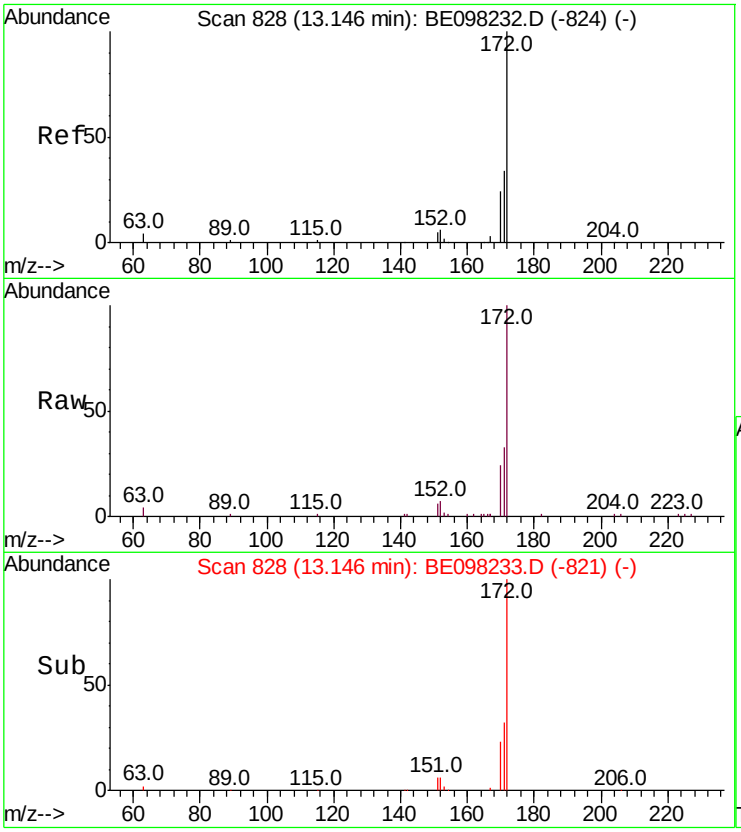


#14
2,4,6-Tribromophenol
Concen: 0.615 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:330 Resp: 1166

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.7	116.5
141	41.0	33.6	50.4



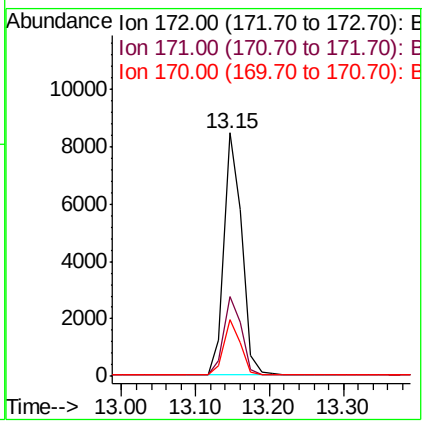


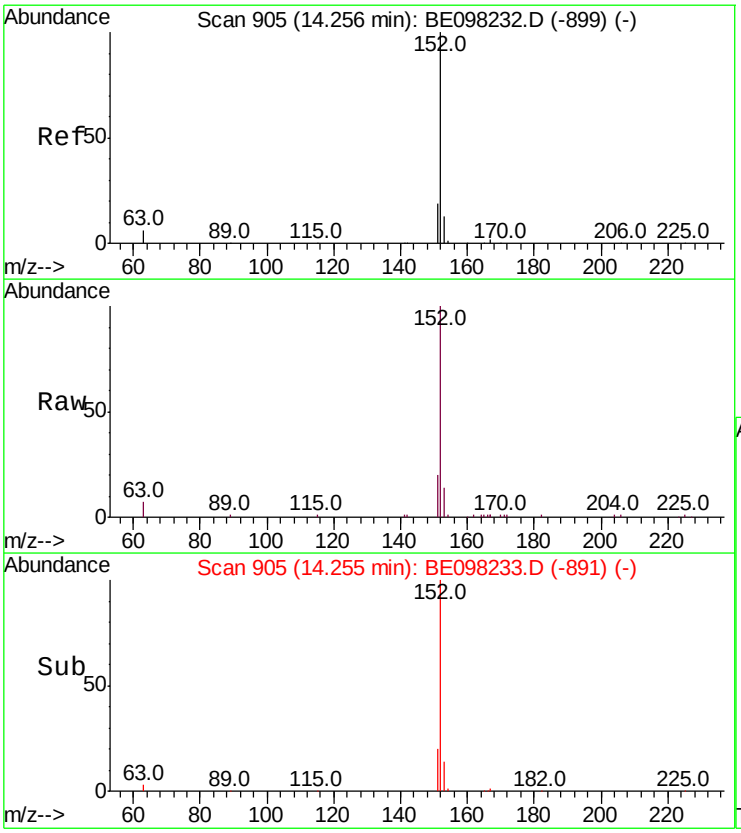
#15
2-Fluorobiphenyl
Concen: 0.778 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14162

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.3	40.9
170	23.6	19.4	29.0

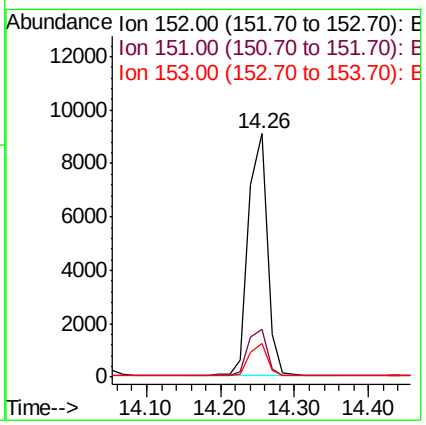


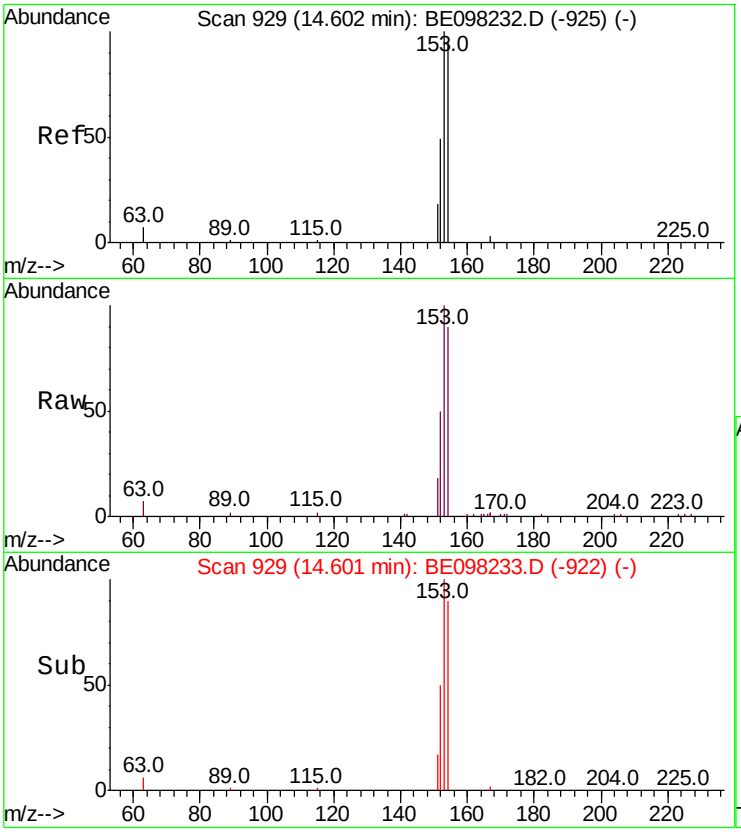


#16
Acenaphthylene
Concen: 0.815 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:152 Resp: 16228

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.4	24.6
153	13.1	10.6	15.8



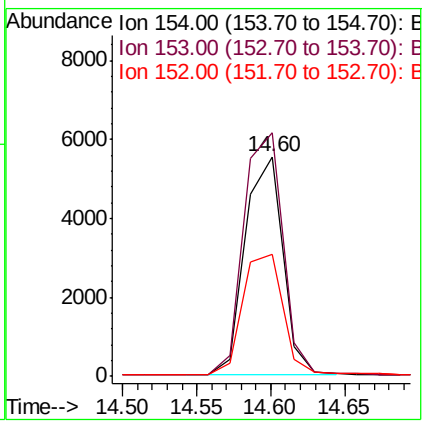


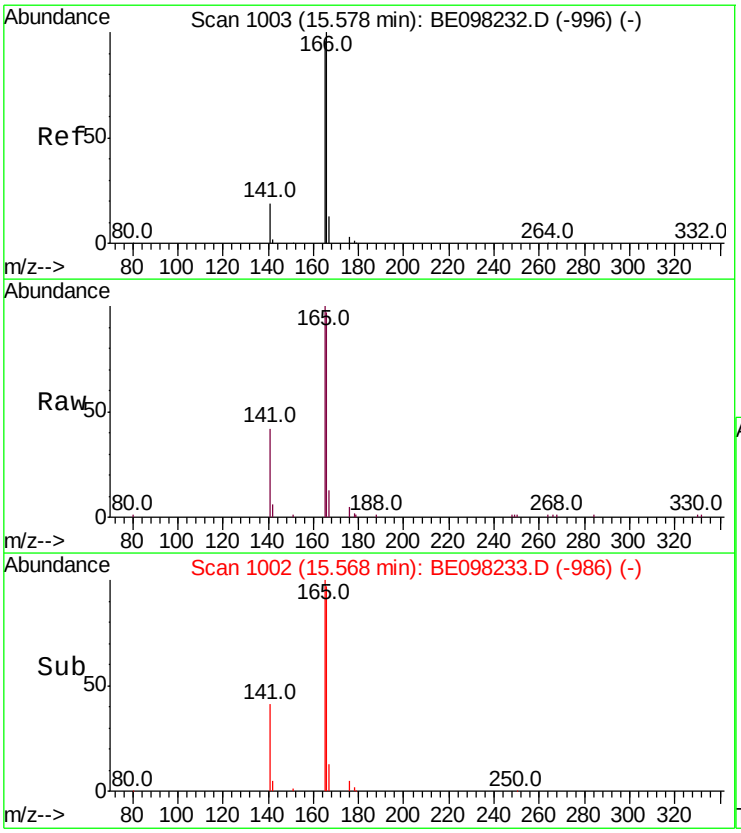
#17
Acenaphthene
Concen: 0.796 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9679

Ion	Ratio	Lower	Upper
154	100		
153	115.6	92.1	138.1
152	59.3	46.2	69.2

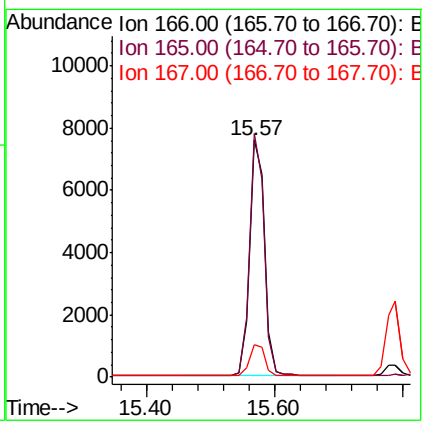


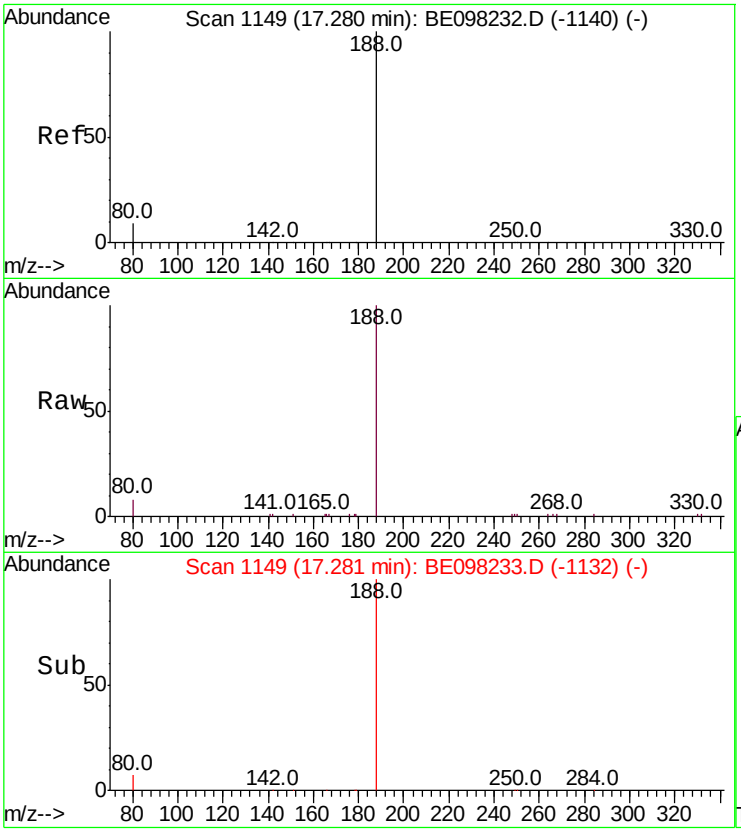


#18
Fluorene
Concen: 0.790 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:166 Resp: 12301

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.1	120.1
167	13.8	10.8	16.2



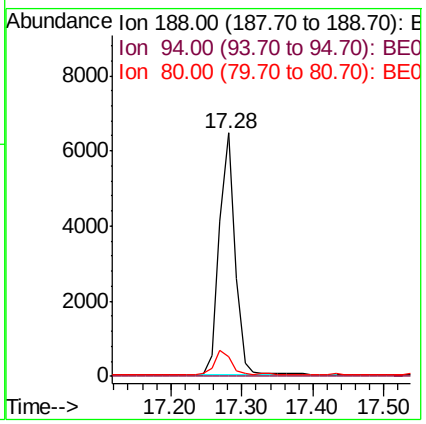


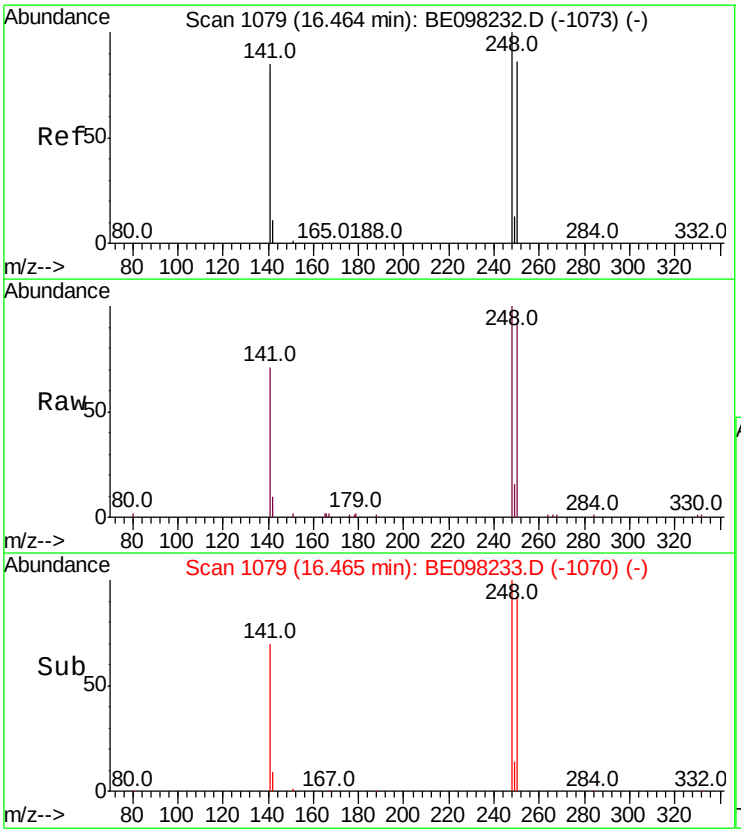
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9954

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.7	10.1

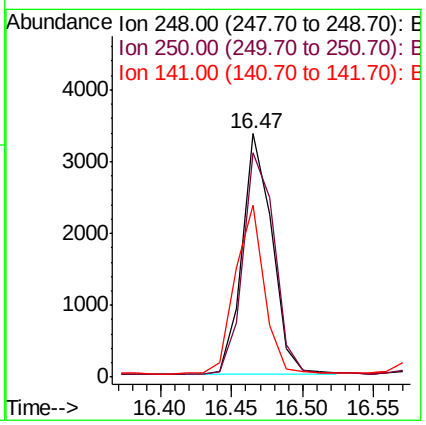


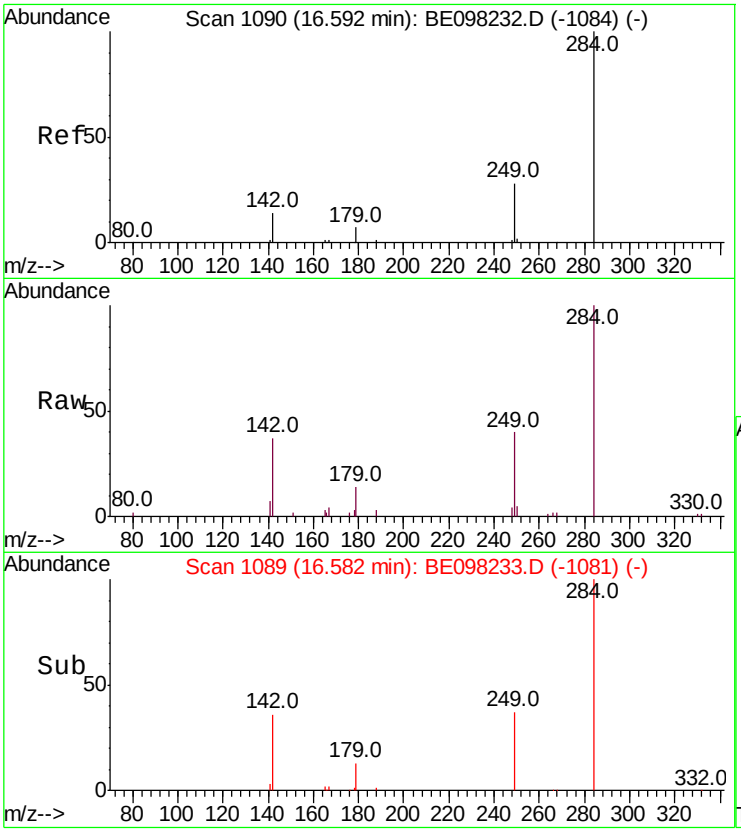


#20
4-Bromophenyl-phenylether
Concen: 0.801 ng
RT: 16.47 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:248 Resp: 4861

Ion	Ratio	Lower	Upper
248	100		
250	92.0	77.6	116.4
141	70.8	65.8	98.8



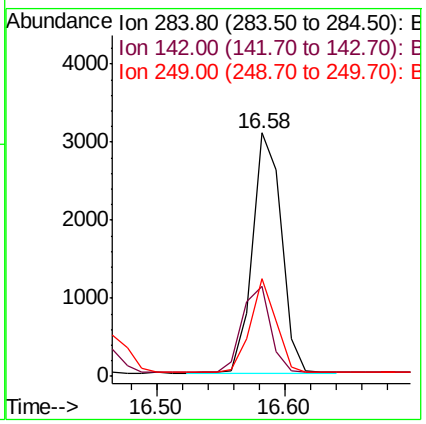


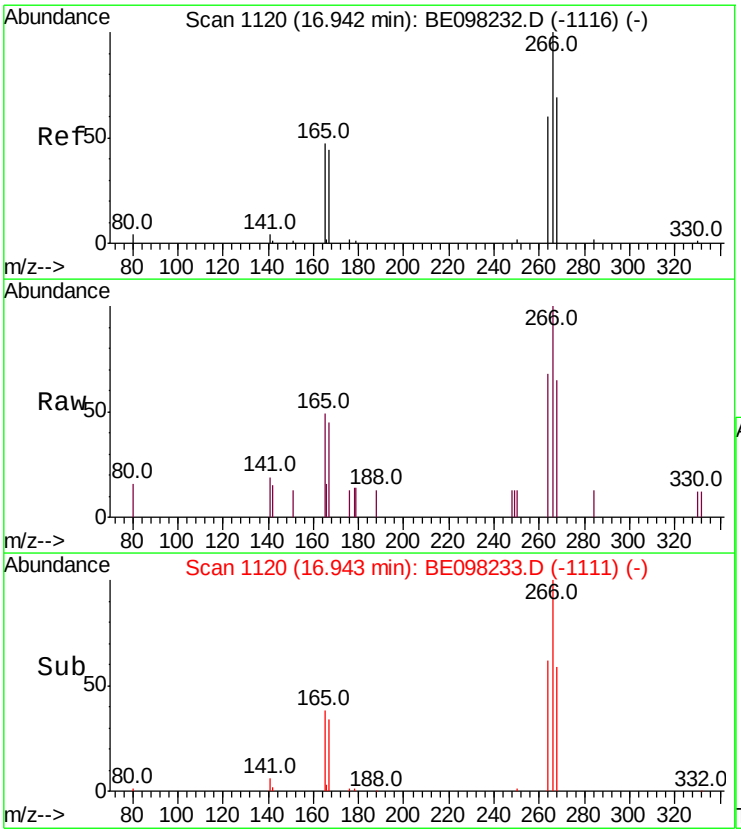
#21
Hexachlorobenzene
Concen: 0.773 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4878

Ion	Ratio	Lower	Upper
284	100		
142	35.2	26.5	39.7
249	34.8	28.4	42.6

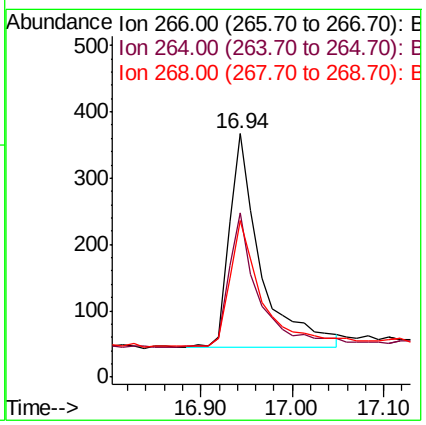


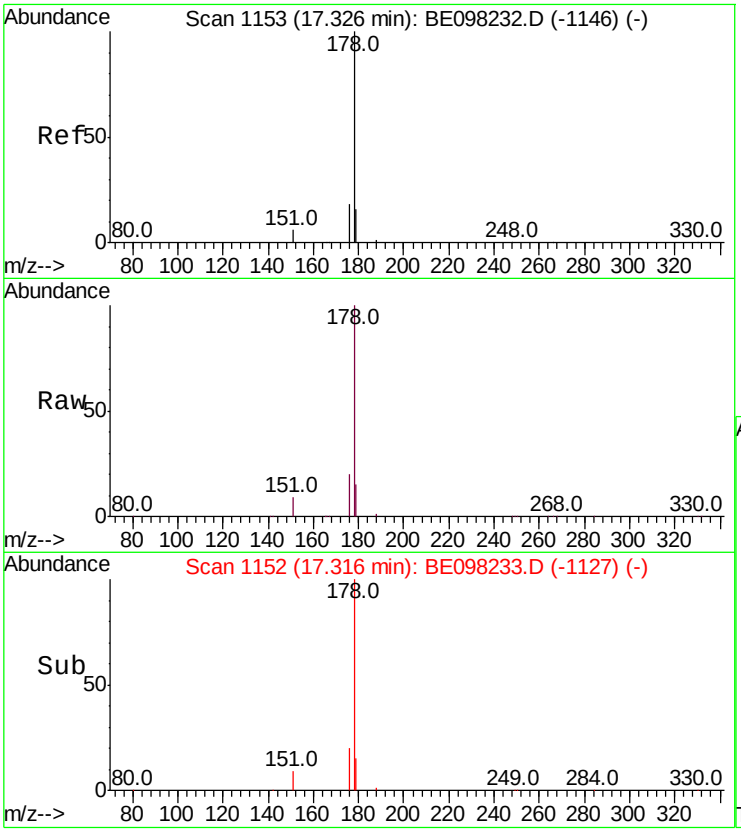


#22
Pentachlorophenol
Concen: 0.694 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:266 Resp: 761

Ion	Ratio	Lower	Upper
266	100		
264	67.6	57.6	86.4
268	64.6	56.8	85.2



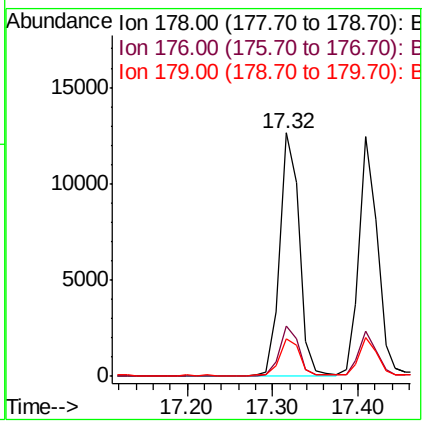


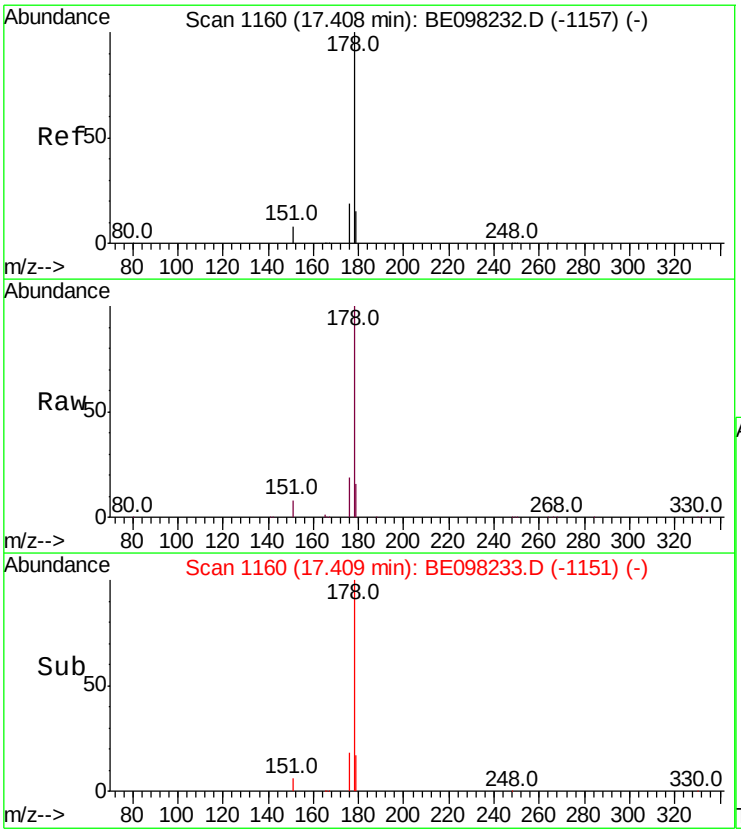
#23
Phenanthrene
Concen: 0.797 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19763

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	12.3	18.5

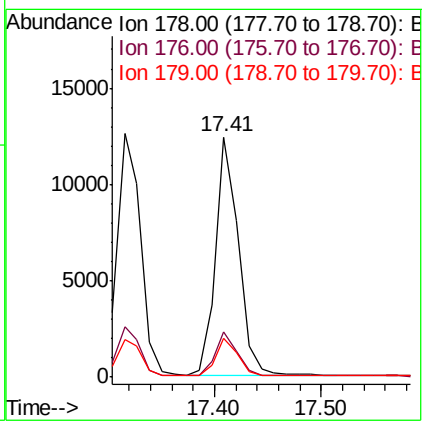


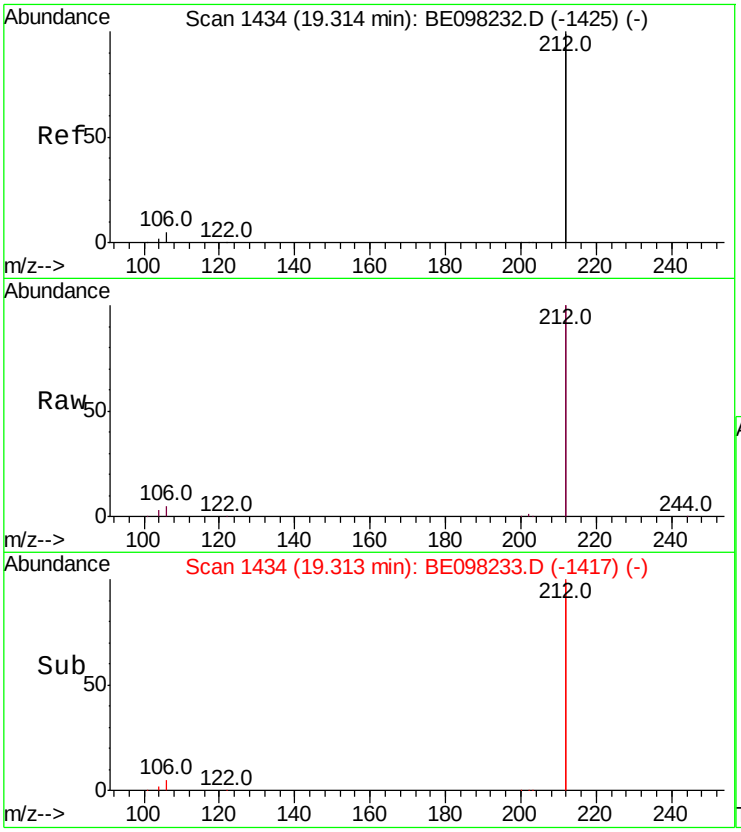


#24
Anthracene
Concen: 0.798 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:178 Resp: 18432

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	15.6	12.1	18.1



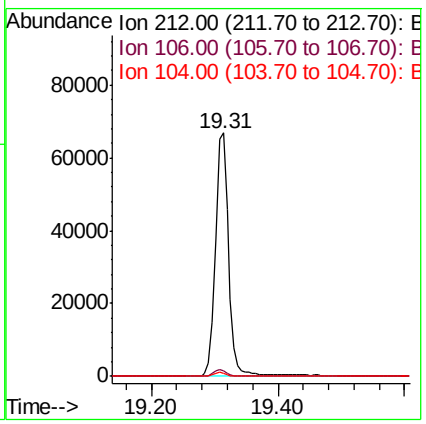


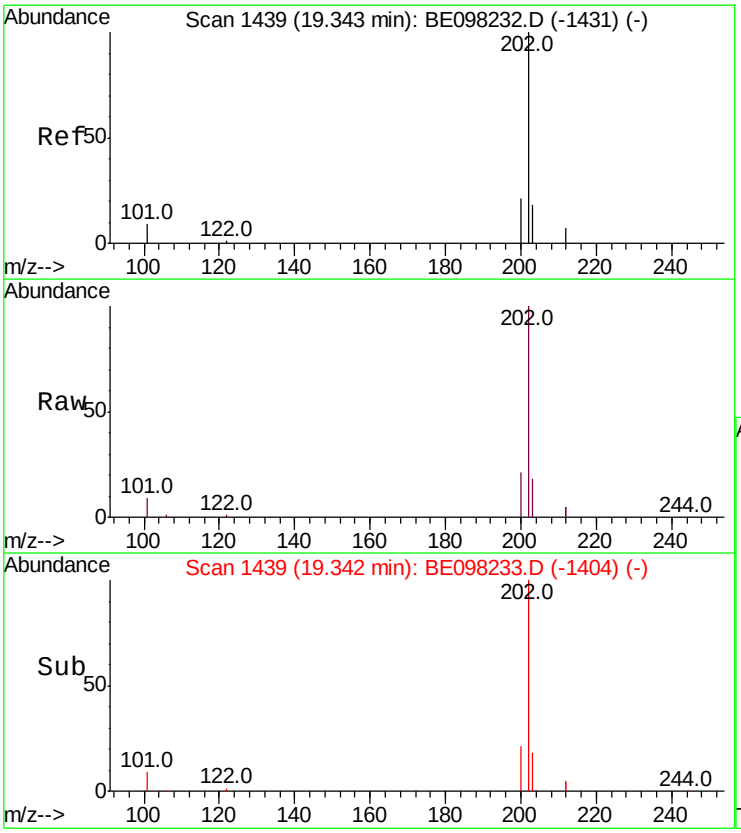
#25
Fluoranthene-d10
Concen: 0.758 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 94271

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.1	1.7

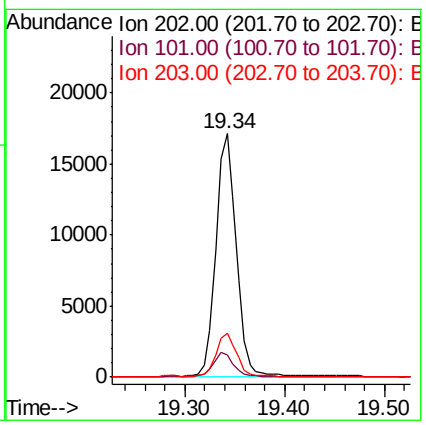


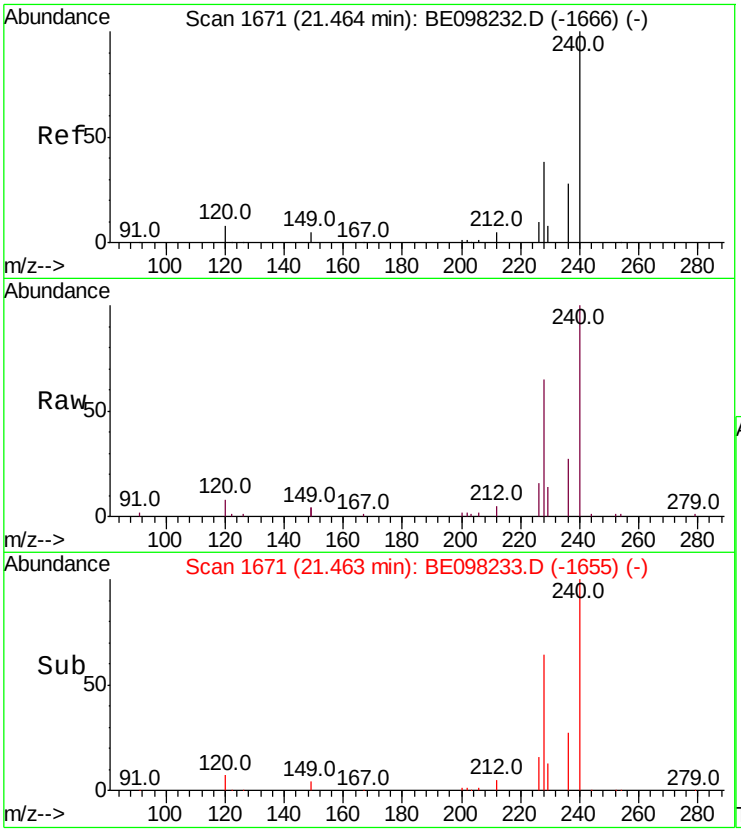


#26
Fluoranthene
Concen: 0.782 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:202 Resp: 23993

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.0	10.6
203	17.5	13.7	20.5



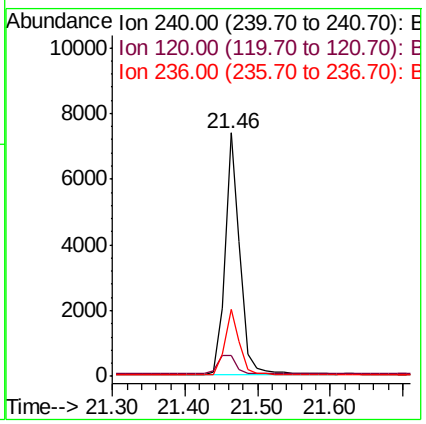


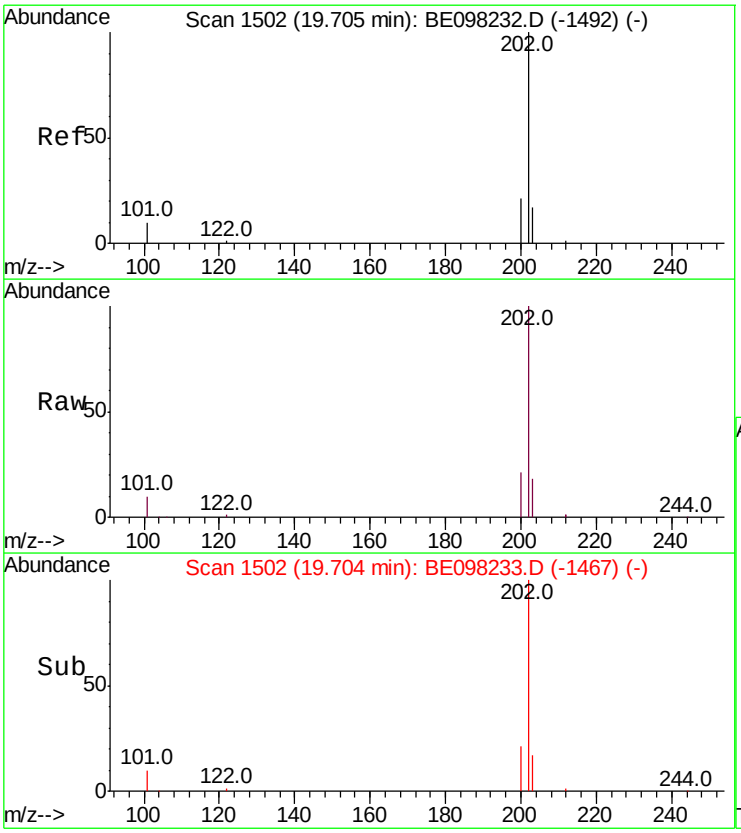
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10763

Ion	Ratio	Lower	Upper
240	100		
120	8.3	4.8	7.2#
236	27.4	21.4	32.0

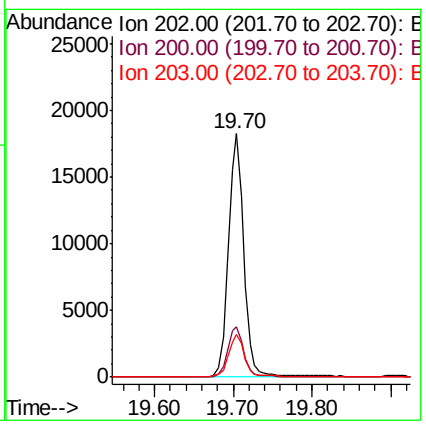


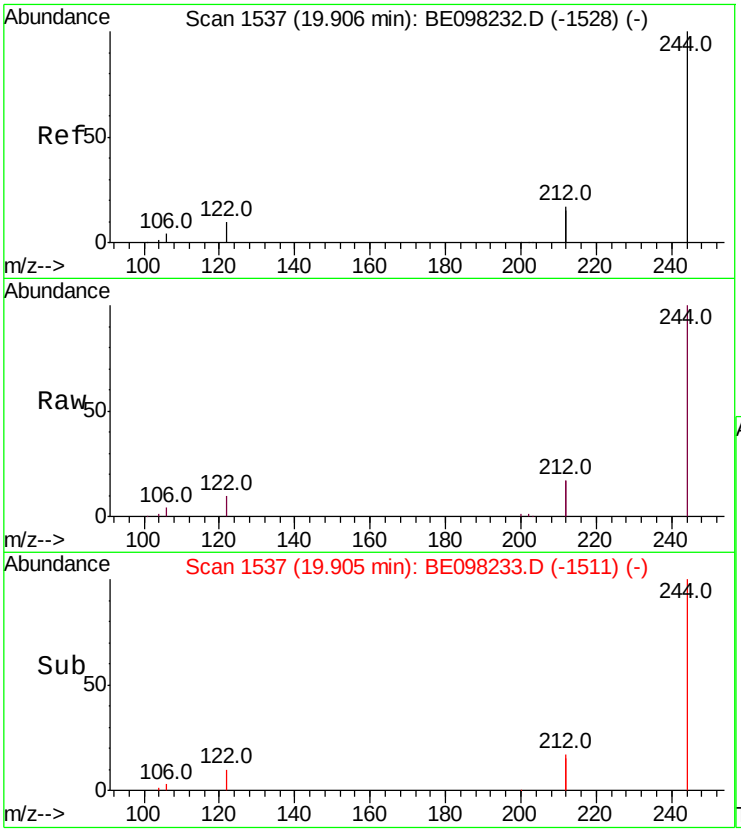


#28
Pyrene
Concen: 0.828 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:202 Resp: 24538

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.3	14.2	21.4



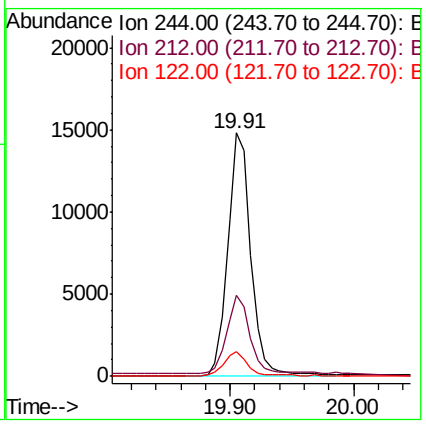


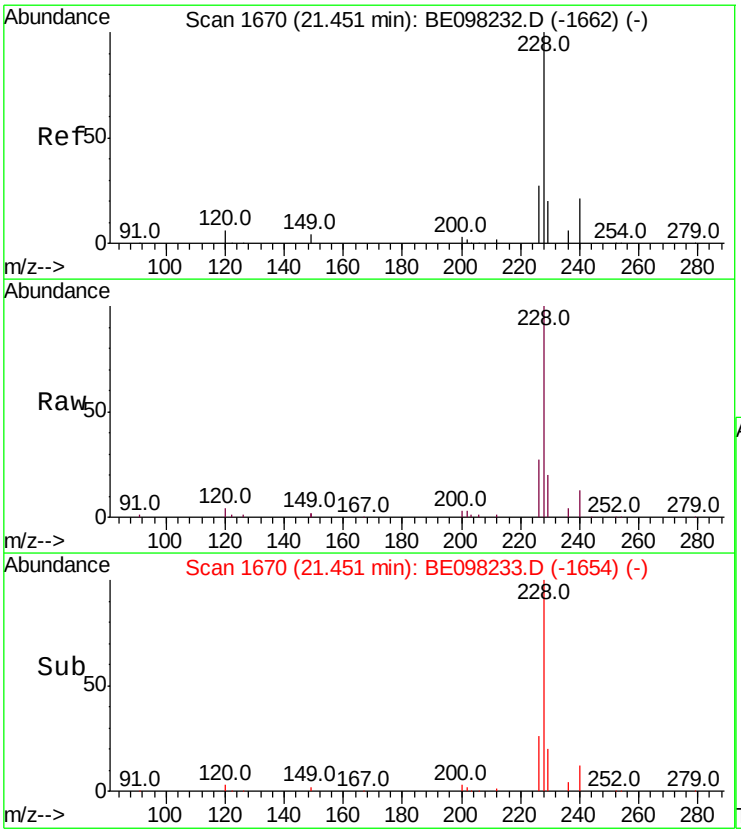
#29
Terphenyl-d14
Concen: 0.778 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 19016

Ion	Ratio	Lower	Upper
244	100		
212	33.4	26.8	40.2
122	10.4	7.0	10.6

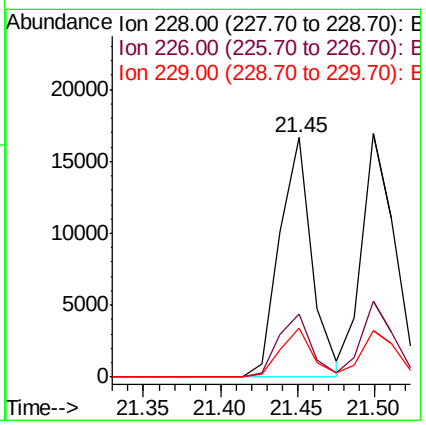


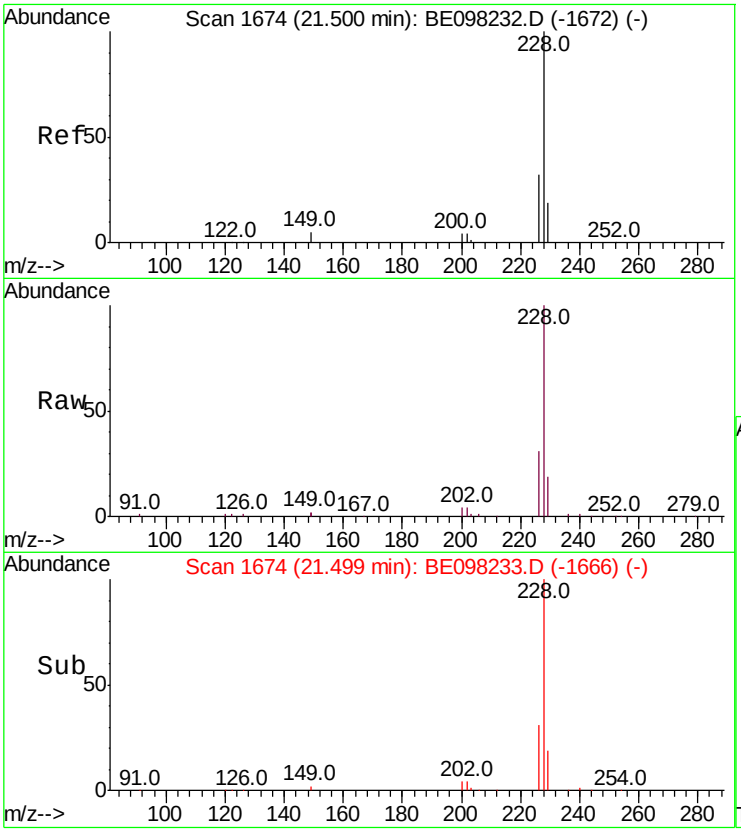


#30
Benzo(a)anthracene
Concen: 0.790 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:228 Resp: 24145

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.7	31.1
229	20.5	16.2	24.4



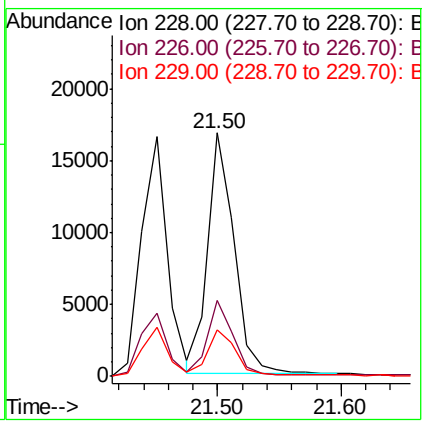


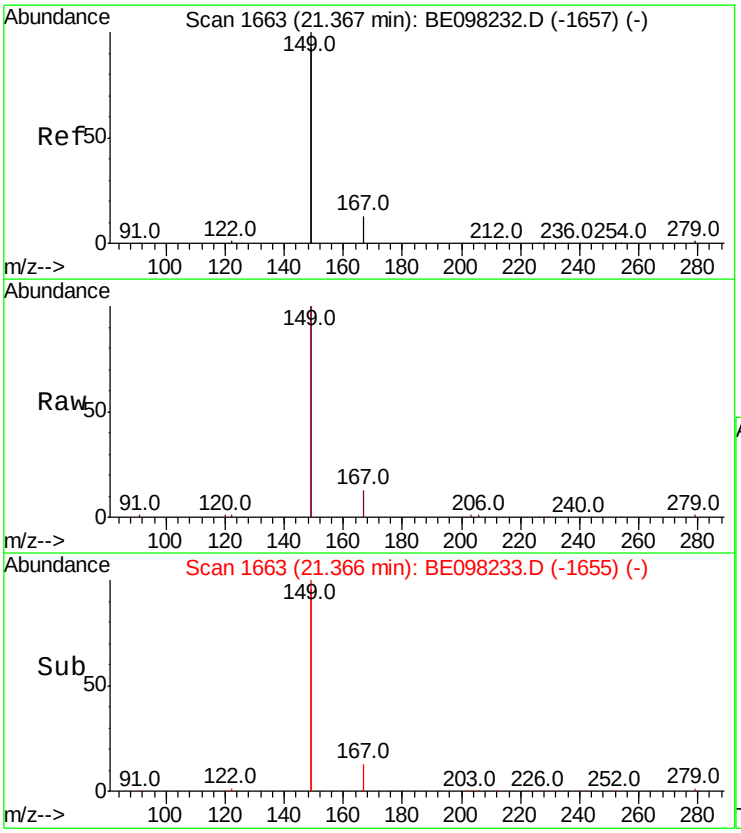
#31
Chrysene
Concen: 0.808 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 25081

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	36.8
229	18.9	16.0	24.0

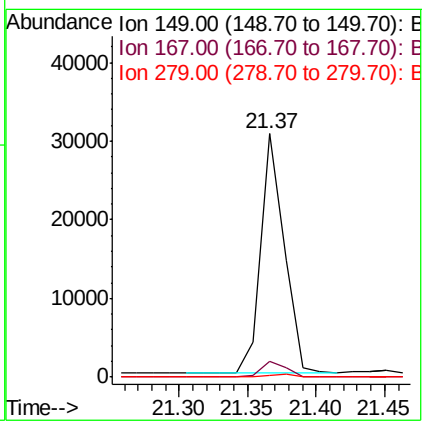


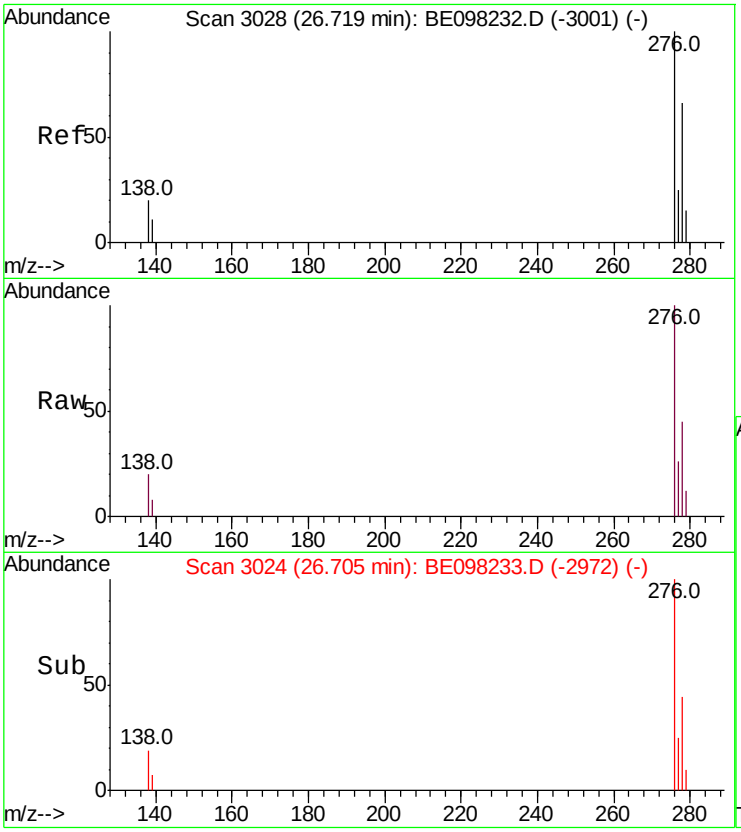


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.570 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:149 Resp: 36216

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3



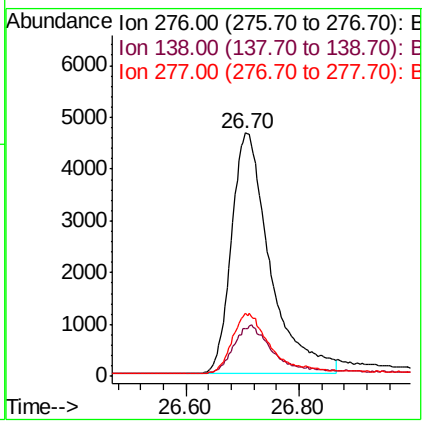


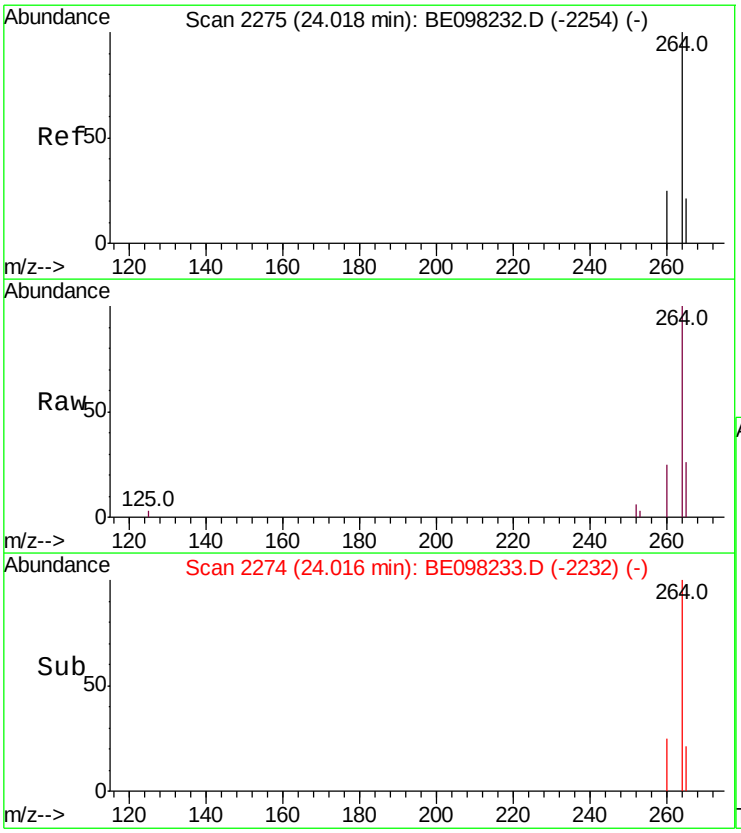
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.776 ng
RT: 26.70 min Scan# 3024
Delta R.T. -0.01 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22100

Ion	Ratio	Lower	Upper
276	100		
138	20.8	6.4	9.6#
277	23.5	18.9	28.3

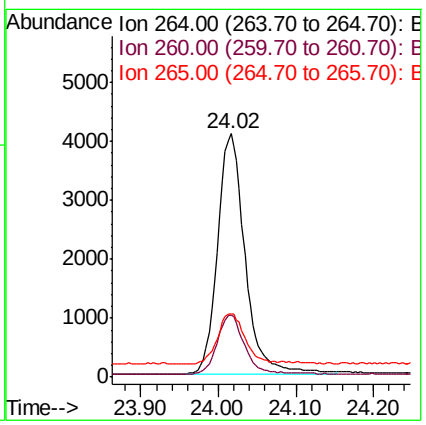


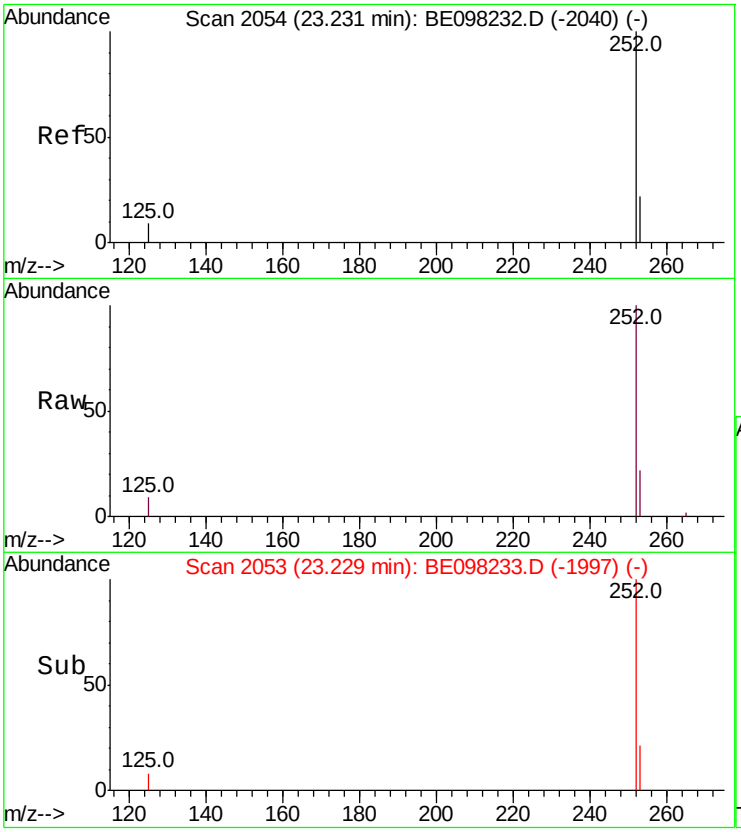


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:264 Resp: 10058

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.9	29.9
265	26.0	21.3	31.9



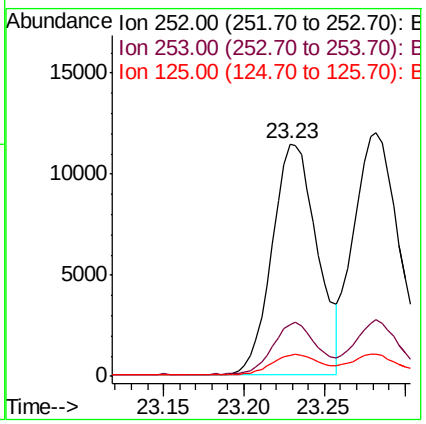


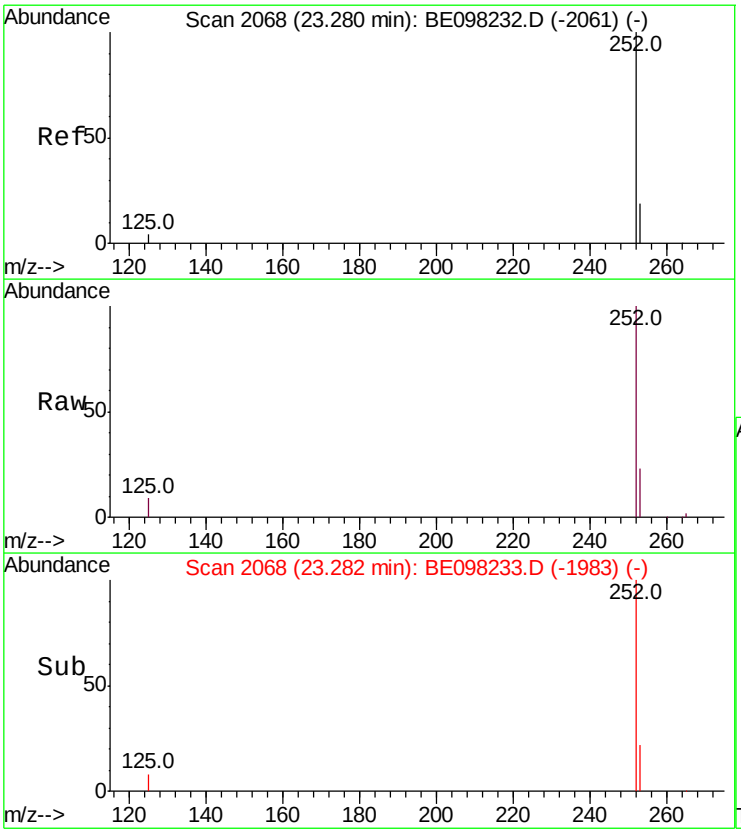
#35
Benzo(b)fluoranthene
Concen: 0.781 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22288

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.4	29.0
125	9.1	8.6	12.8

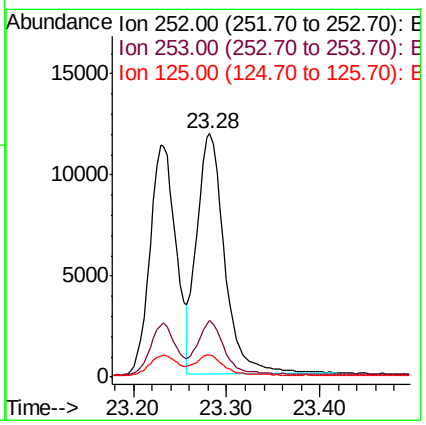


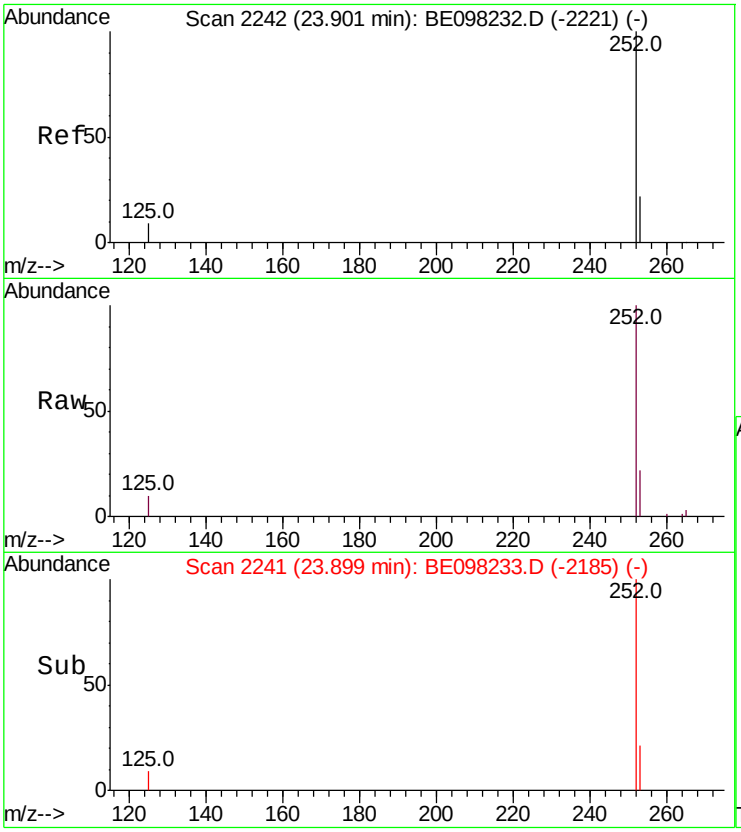


#36
Benzo(k)fluoranthene
Concen: 0.821 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:252 Resp: 24728

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	9.0	7.4	11.0



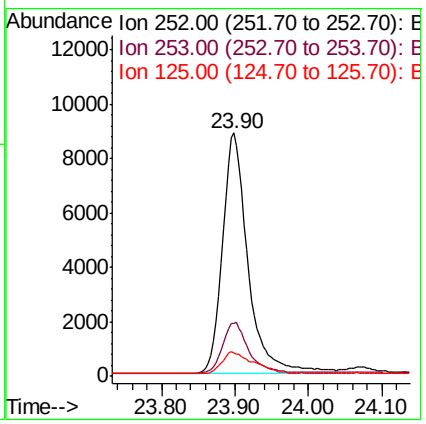


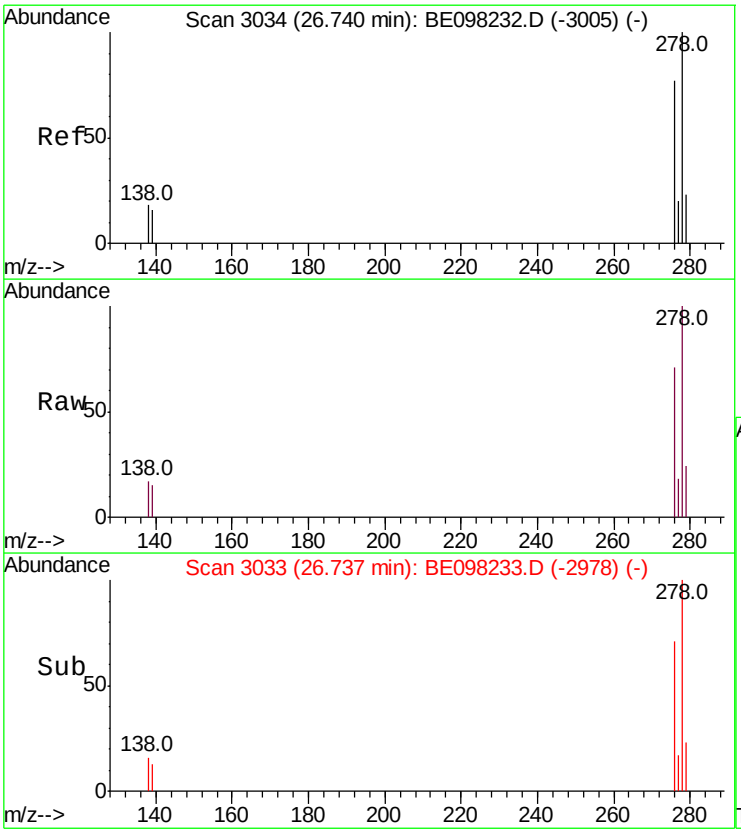
#37
Benzo(a)pyrene
Concen: 0.795 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21764

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	9.7	8.0	12.0

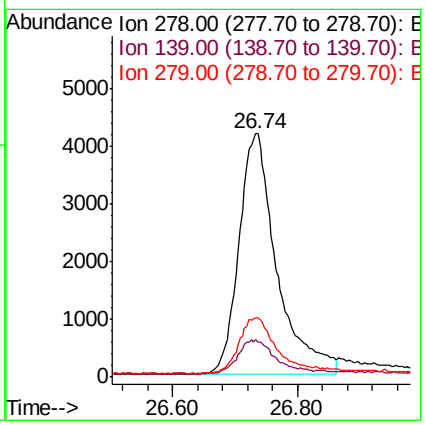


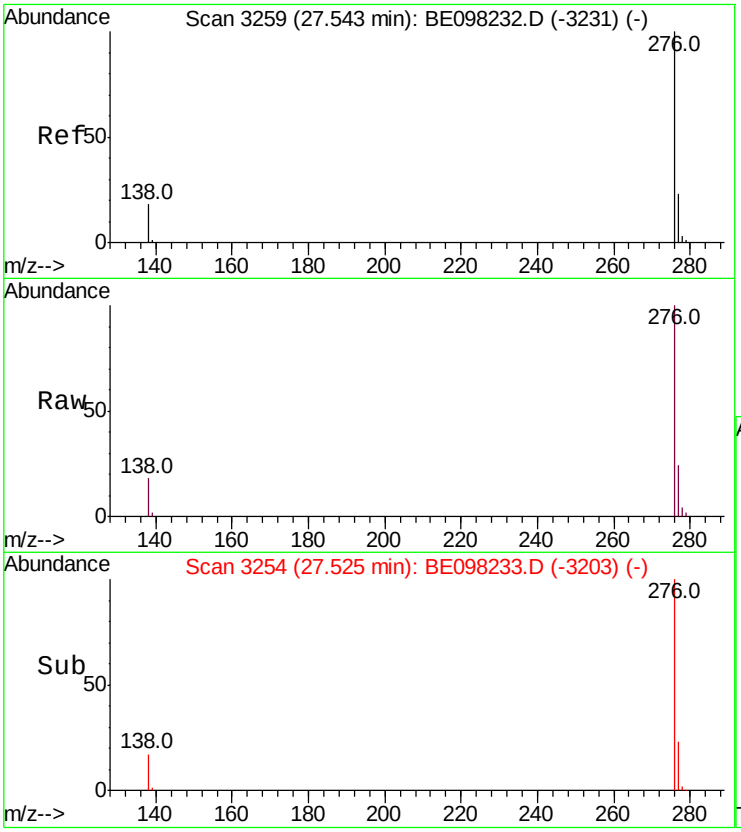


#38
Dibenzo(a,h)anthracene
Concen: 0.754 ng
RT: 26.74 min Scan# 3033
Delta R.T. -0.00 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Tgt Ion:278 Resp: 17575

Ion	Ratio	Lower	Upper
278	100		
139	14.5	16.4	24.6#
279	24.2	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.787 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.02 min
Lab File: BE098233.D
Acq: 16 Nov 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19147

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.4	30.6
138	17.7	13.2	19.8