Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
Data File : BE098156.D
Acq On : 5 Nov 2018 11:40
Operator : SJ/JU
Sample : PB114428BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB114428BSD

Quant Time: Nov 05 12:12:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	967	0.40	ng		-0.01
7) Naphthalene-d8	10.67	136	4623	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3016	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7016	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8215	0.40	ng		0.00
34) Perylene-d12	24.01	264	7867	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1141	0.40	ng		0.00
5) Phenol-d6	7.04	99	1794	0.38	ng		0.00
8) Nitrobenzene-d5	9.02	82	1812	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3286	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	448	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5064	0.41	ng		0.00
25) Fluoranthene-d10	19.32	212	36125	0.40	ng		0.00
29) Terphenyl-d14	19.91	244	7723	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	561	0.389	ng		98
3) n-Nitrosodimethylamine	3.69	42	726	0.377	ng	#	78
6) bis(2-Chloroethyl)ether	7.29	93	1345	0.389	ng		90
9) Naphthalene	10.72	128	19187	0.415	ng		100
10) Hexachlorobutadiene	11.00	225	1275	0.421	ng		98
12) 2-Methylnaphthalene	12.34	142	3362	0.408	ng	#	90
16) Acenaphthylene	14.25	152	5611	0.408	ng		100
17) Acenaphthene	14.60	154	3426	0.415	ng		99
18) Fluorene	15.58	166	4448	0.406	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	1778	0.416	ng	#	79
21) Hexachlorobenzene	16.59	284	1872	0.418	ng		97
22) Pentachlorophenol	16.94	266	317	0.374	ng	#	83
23) Phenanthrene	17.33	178	7188	0.414	ng		99
24) Anthracene	17.41	178	6618	0.400	ng		98
26) Fluoranthene	19.34	202	8775	0.403	ng		96
28) Pyrene	19.71	202	9148	0.408	ng		100
30) Benzo(a)anthracene	21.45	228	9539	0.397	ng		99
31) Chrysene	21.50	228	9642	0.406	ng		96
32) Bis(2-ethylhexyl)phthalate	21.37	149	18935	0.206	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	9711	0.393	ng	#	95
35) Benzo(b)fluoranthene	23.23	252	8837	0.399	ng	#	88
36) Benzo(k)fluoranthene	23.28	252	9223	0.402	ng	#	89
37) Benzo(a)pyrene	23.90	252	8784	0.406	ng	#	90
38) Dibenzo(a,h)anthracene	26.73	278	8064	0.399	ng	#	93
39) Benzo(g,h,i)perylene	27.53	276	8129	0.404	ng	#	90

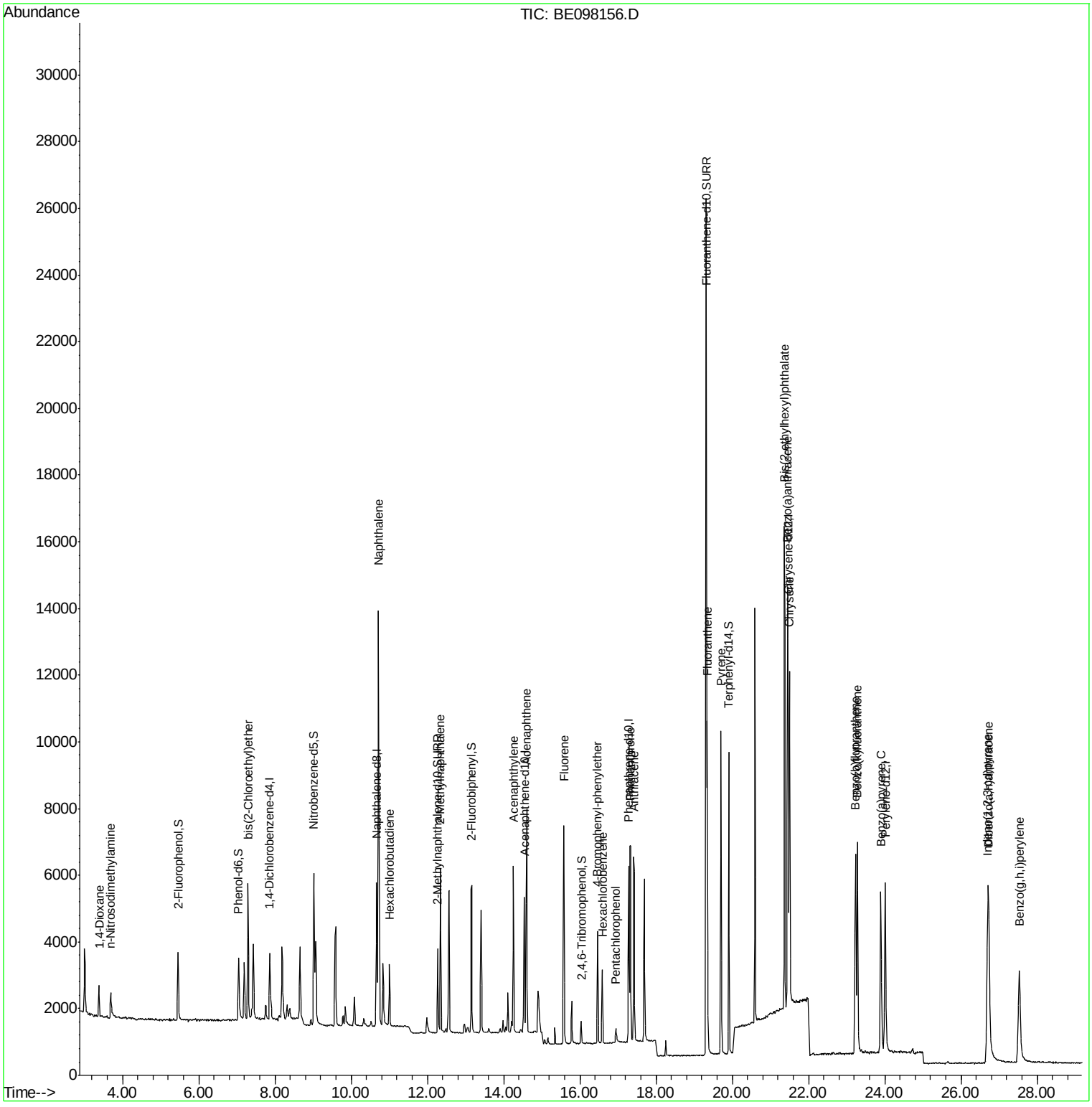
(#) = qualifier out of range (m) = manual integration (+) = signals summed

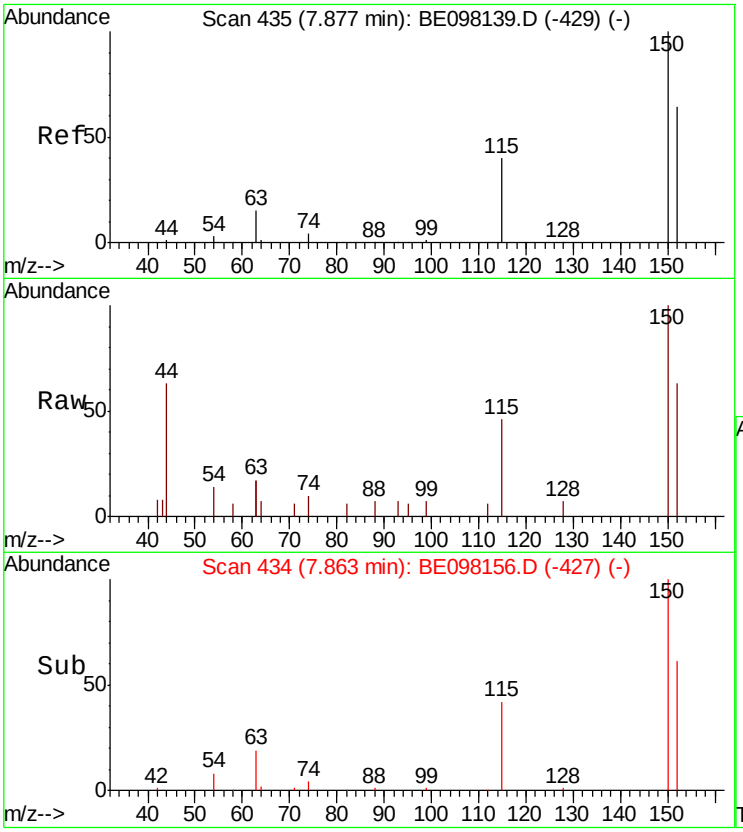
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
Data File : BE098156.D
Acq On : 5 Nov 2018 11:40
Operator : SJ/JU
Sample : PB114428BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Quant Time: Nov 05 12:12:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration



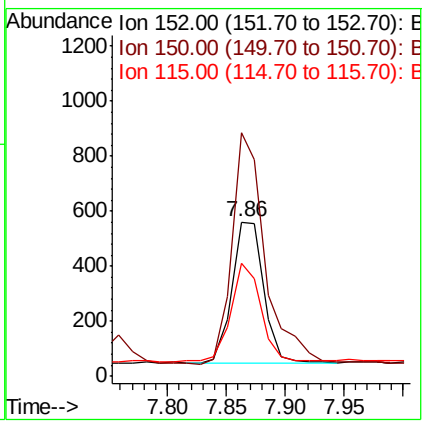


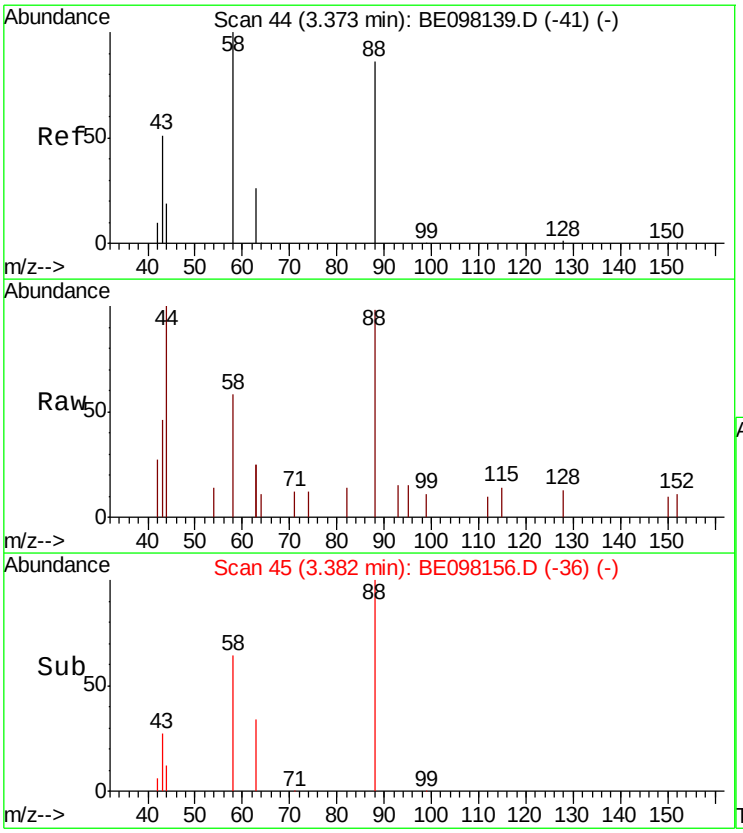
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:152 Resp: 967

Ion	Ratio	Lower	Upper
152	100		
150	158.0	118.2	177.4
115	73.0	50.9	76.3

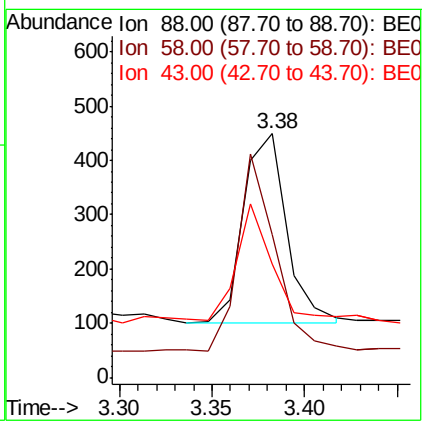


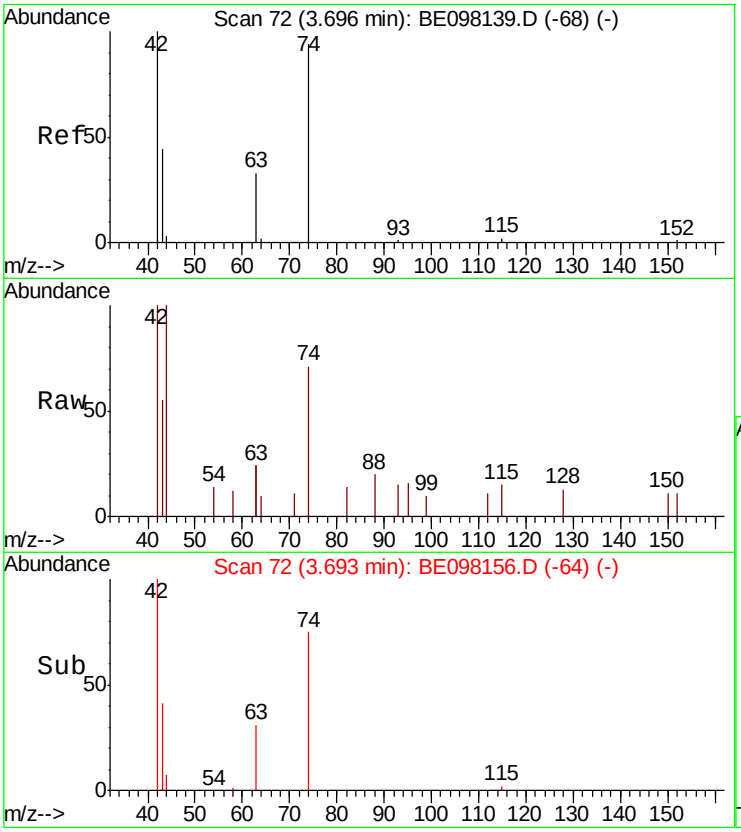


#2
1,4-Dioxane
Concen: 0.389 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion: 88 Resp: 561

Ion	Ratio	Lower	Upper
88	100		
58	92.3	73.2	109.8
43	49.7	36.9	55.3



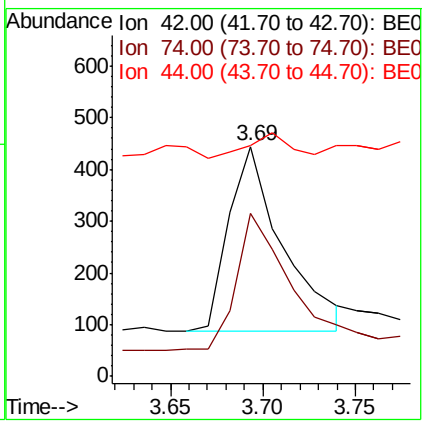


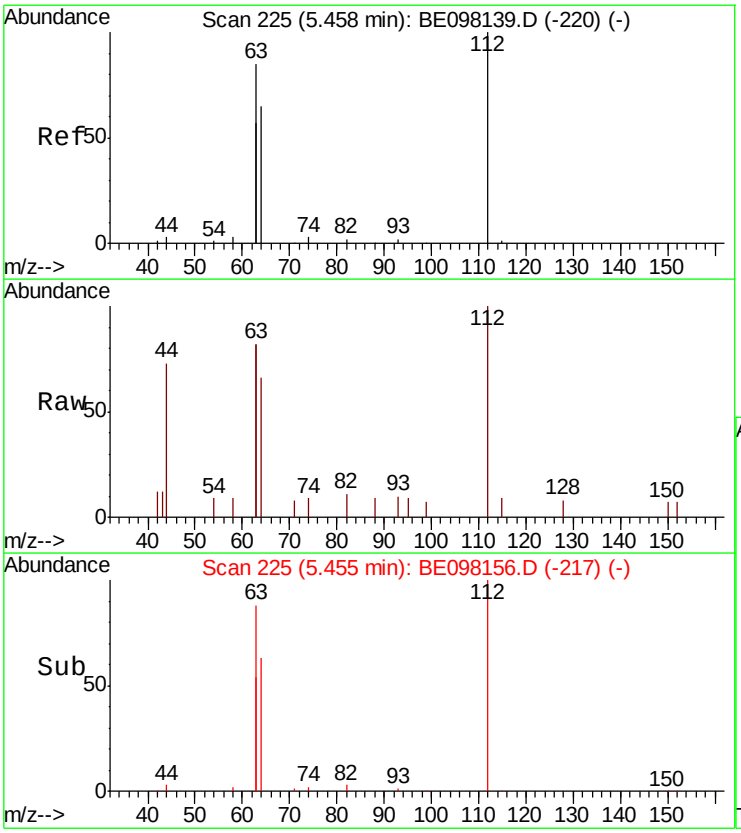
#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion: 42 Resp: 726

Ion	Ratio	Lower	Upper
42	100		
74	73.8	77.6	116.4#
44	10.5	7.6	11.4

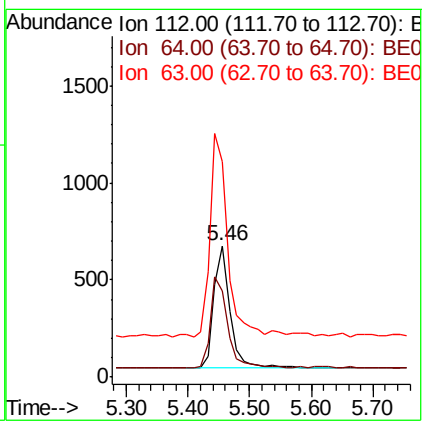


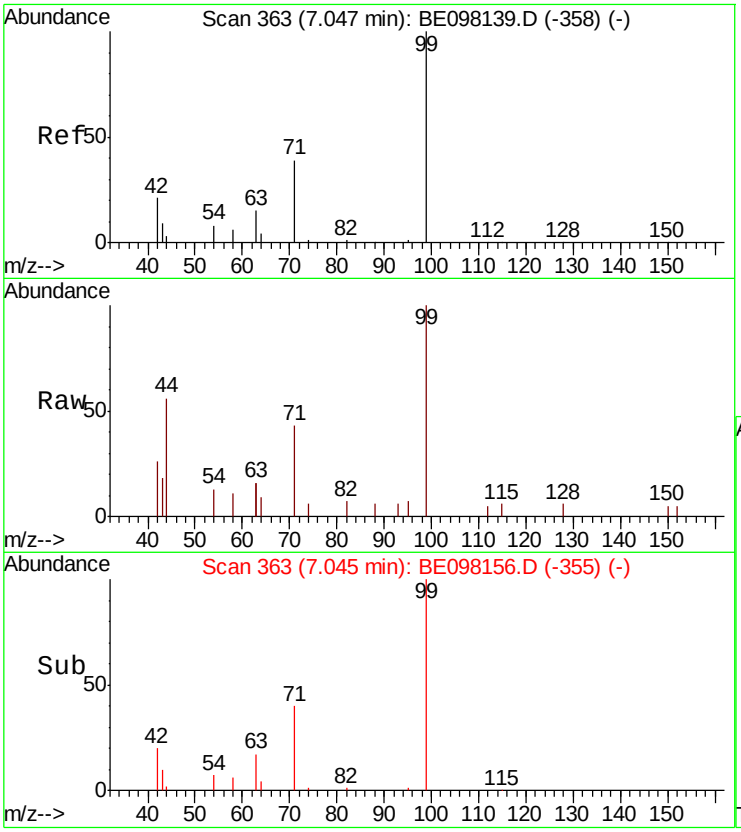


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:112 Resp: 1141

Ion	Ratio	Lower	Upper
112	100		
64	77.1	58.9	88.3
63	175.0	120.3	180.5



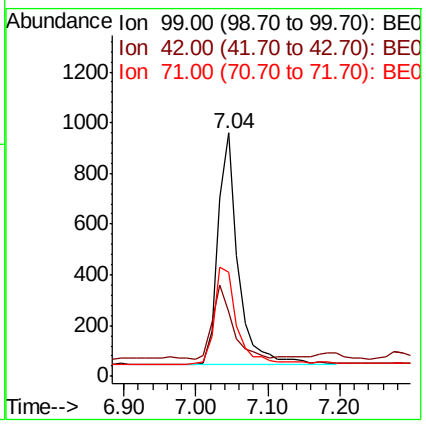


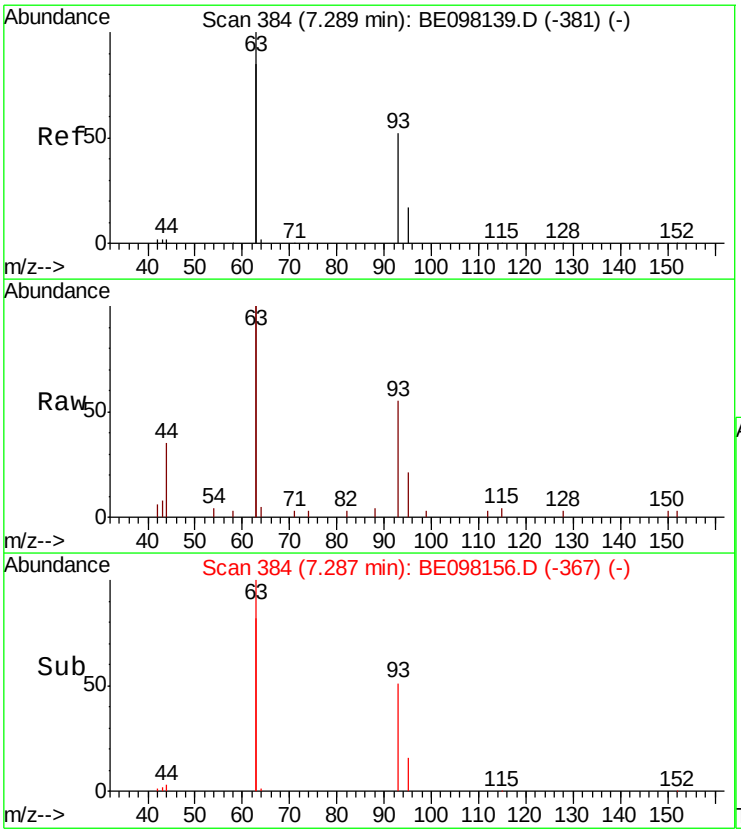
#5
Phenol-d6
Concen: 0.380 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion: 99 Resp: 1794

Ion	Ratio	Lower	Upper
99	100		
42	31.7	19.9	29.9#
71	46.2	27.8	41.8#

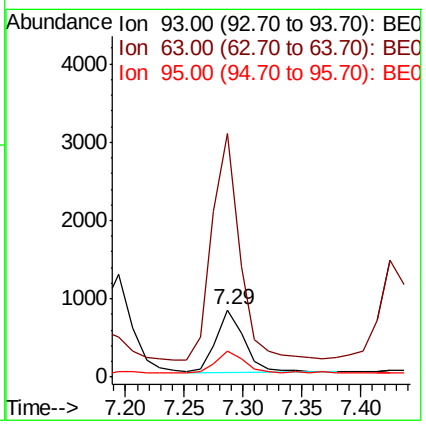


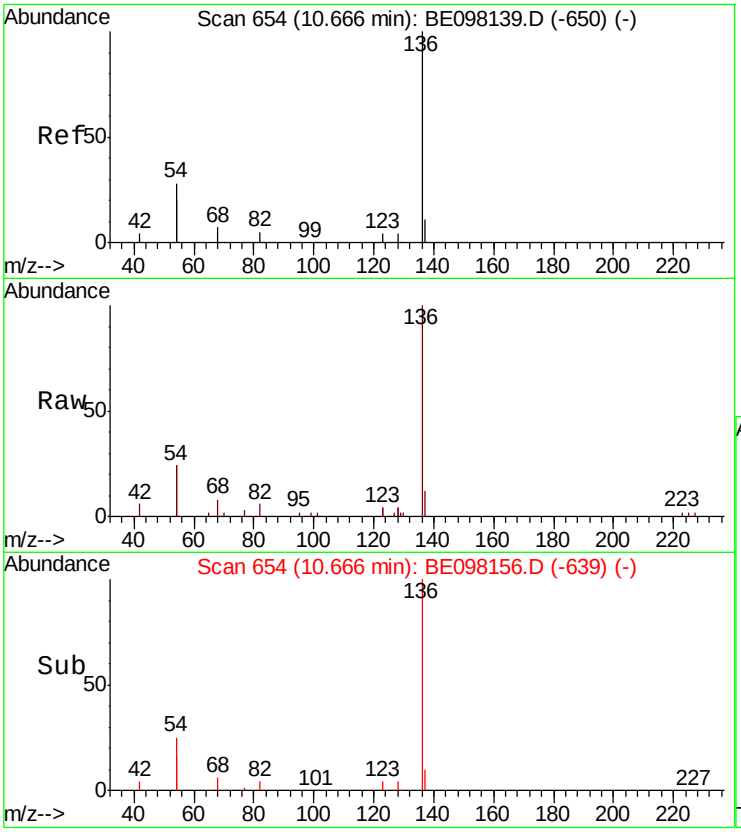


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion: 93 Resp: 1345

Ion	Ratio	Lower	Upper
93	100		
63	346.5	259.0	388.4
95	33.3	27.8	41.8



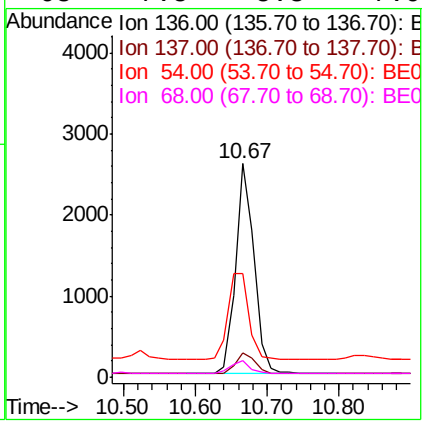


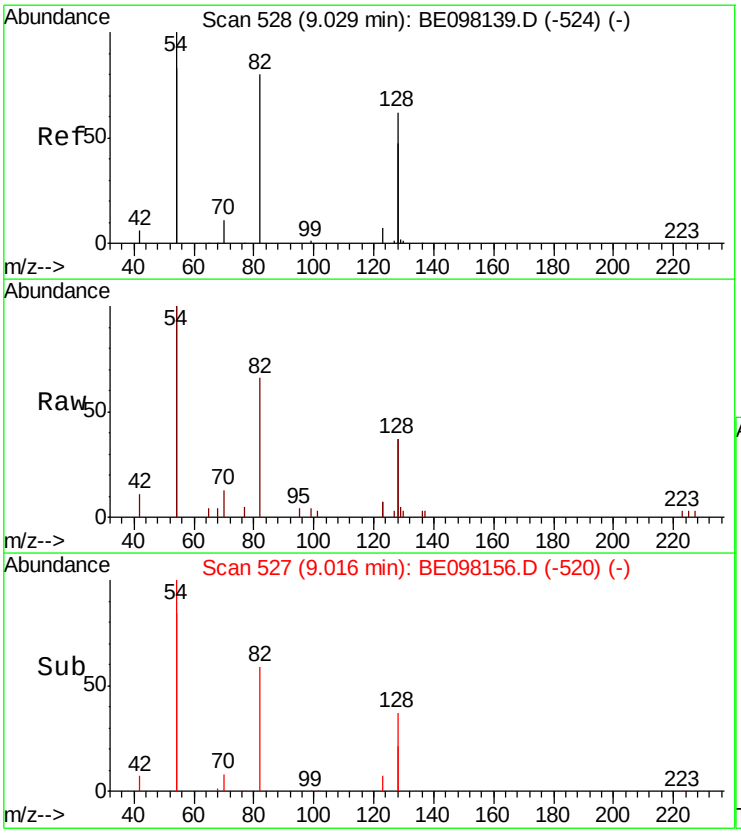
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:136 Resp: 4623

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	48.3	27.7	41.5#
68	7.5	5.3	7.9

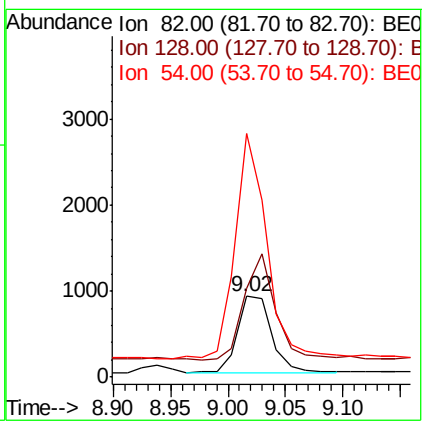


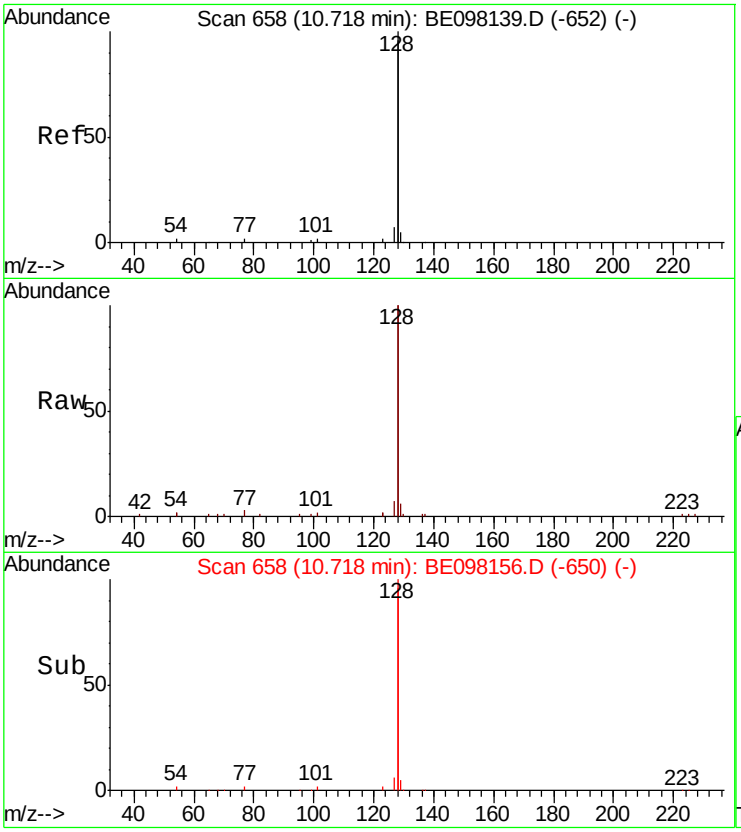


#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.01 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion: 82 Resp: 1812

Ion	Ratio	Lower	Upper
82	100		
128	110.7	129.9	194.9#
54	302.4	174.0	261.0#



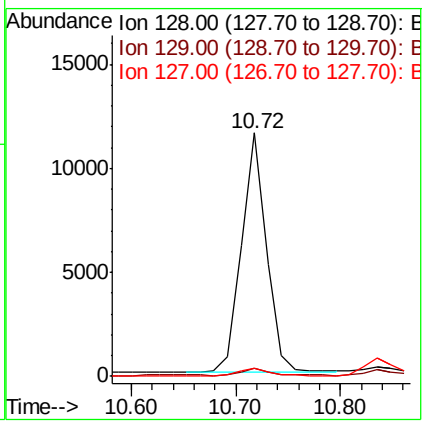


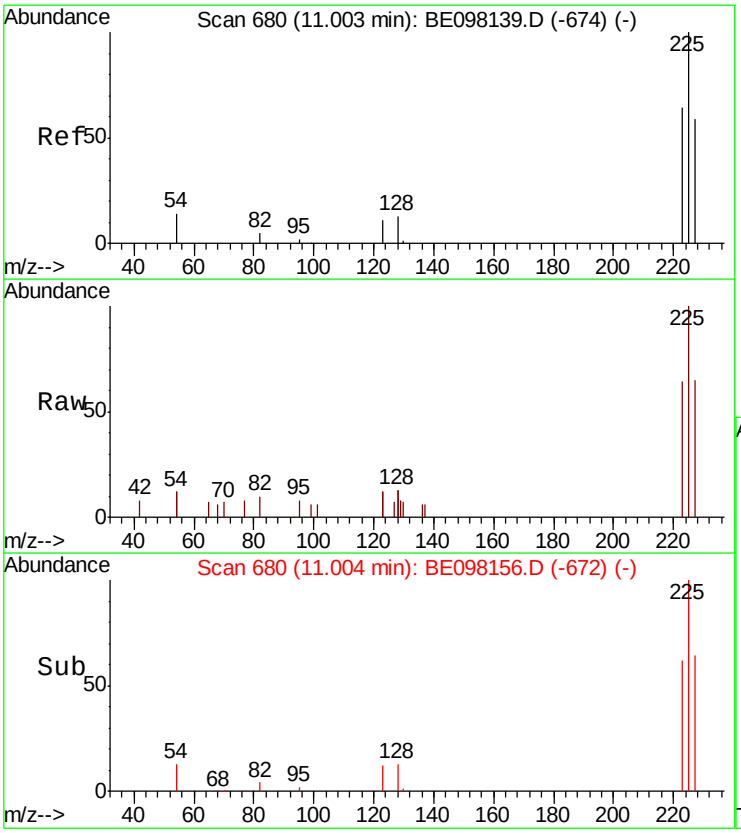
#9
Naphthalene
Concen: 0.415 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:128 Resp: 19187

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.5	3.7
127	3.5	2.8	4.2

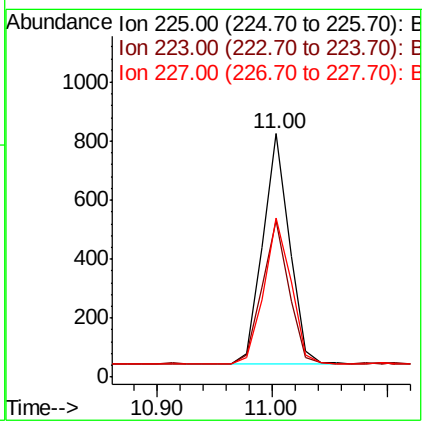


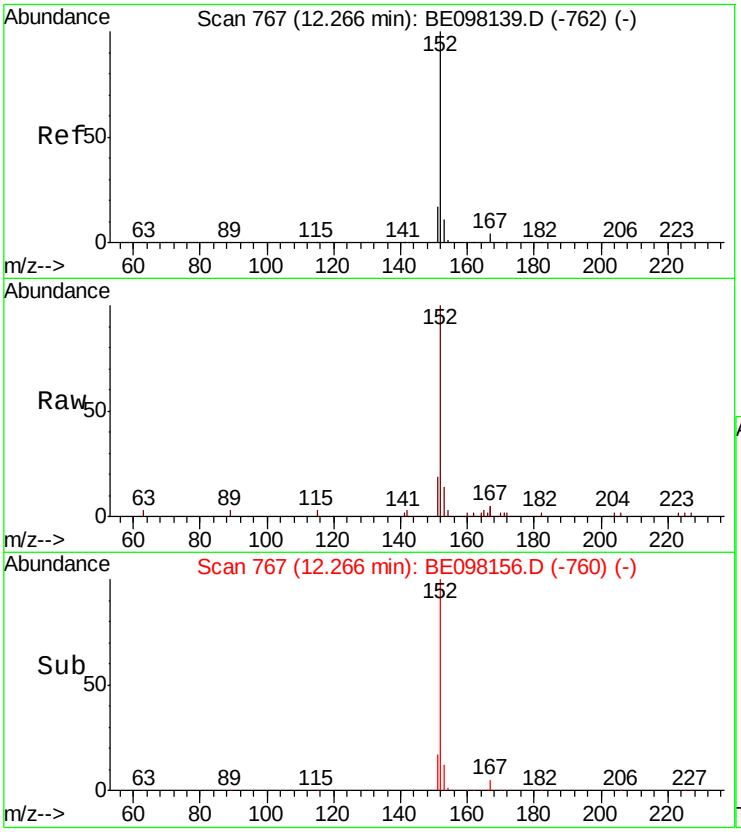


#10
Hexachlorobutadiene
Concen: 0.421 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:225 Resp: 1275

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.8	77.8
227	64.7	53.0	79.6



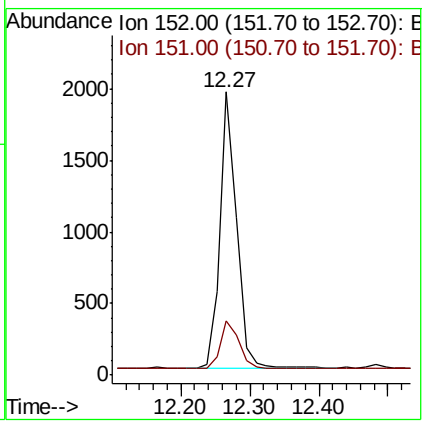


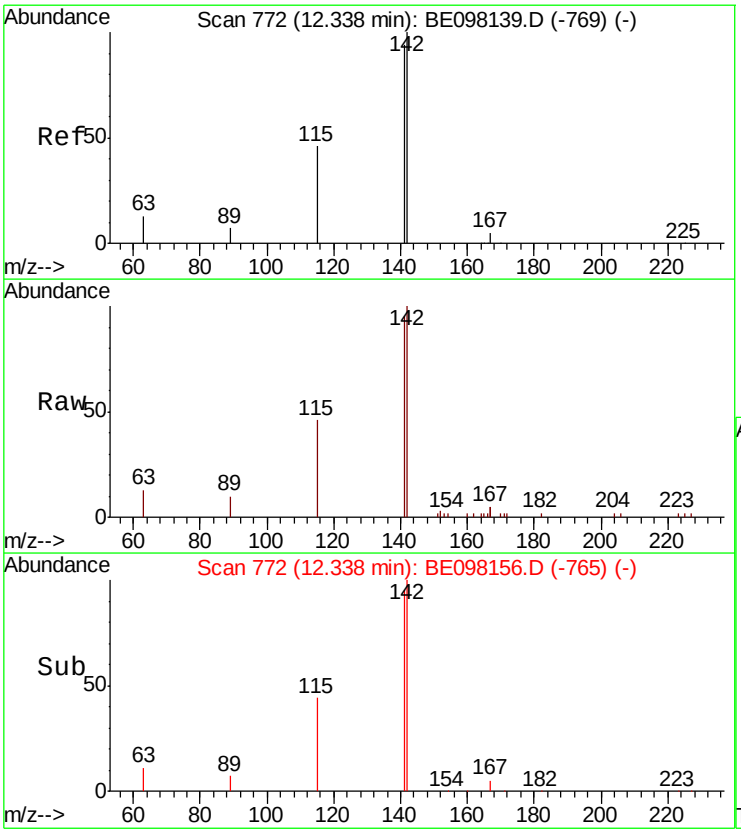
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:152 Resp: 3286

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4

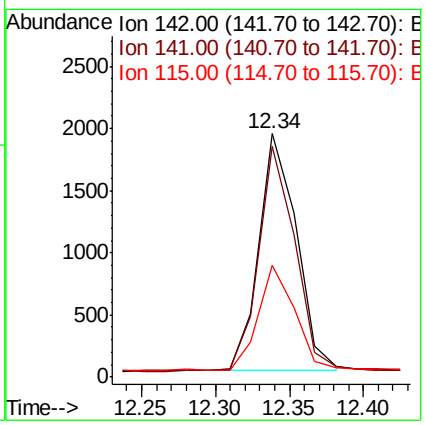


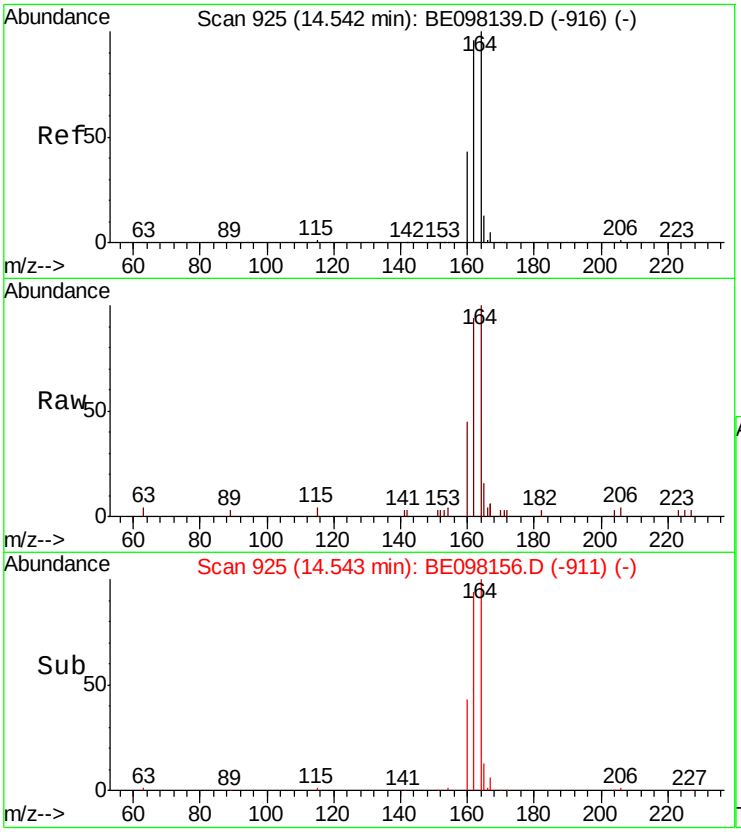


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:142 Resp: 3362

Ion	Ratio	Lower	Upper
142	100		
141	94.7	69.8	104.6
115	46.0	30.5	45.7#



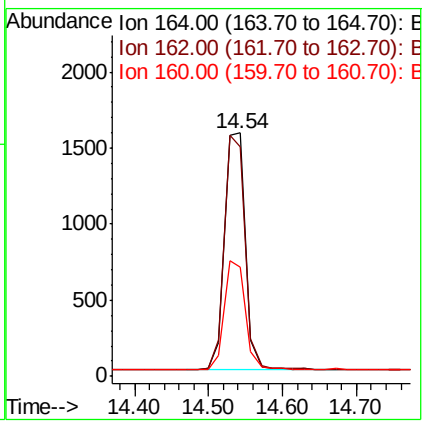


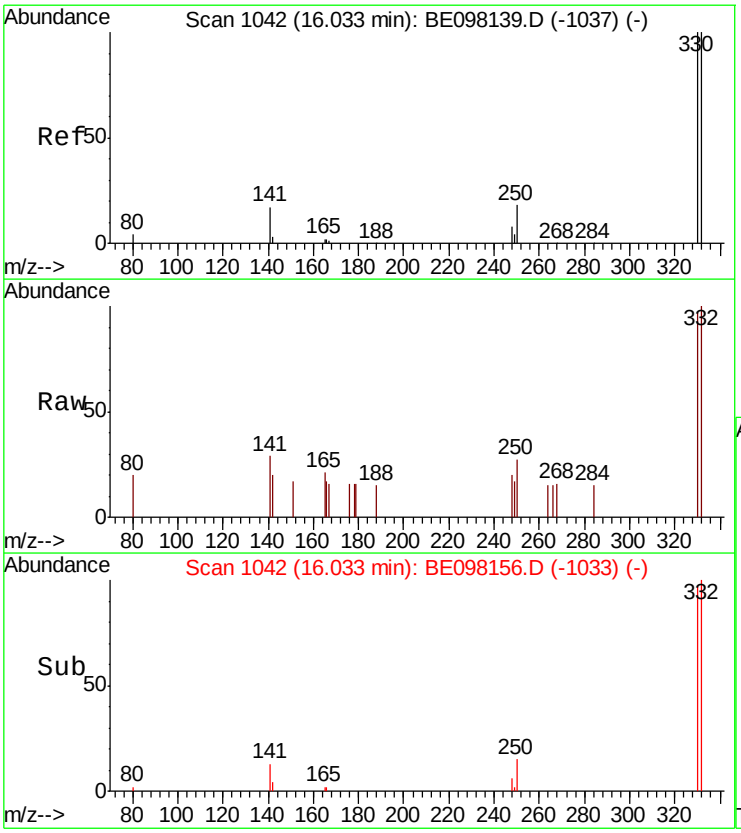
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:164 Resp: 3016

Ion	Ratio	Lower	Upper
164	100		
162	94.4	77.4	116.2
160	44.7	36.5	54.7

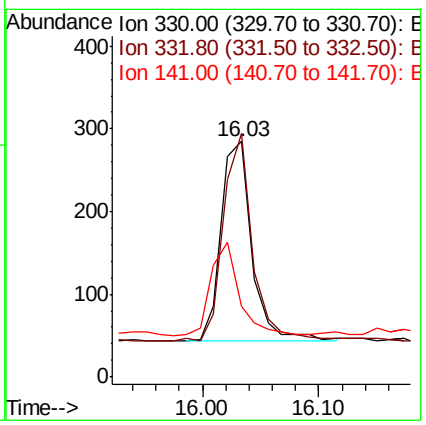


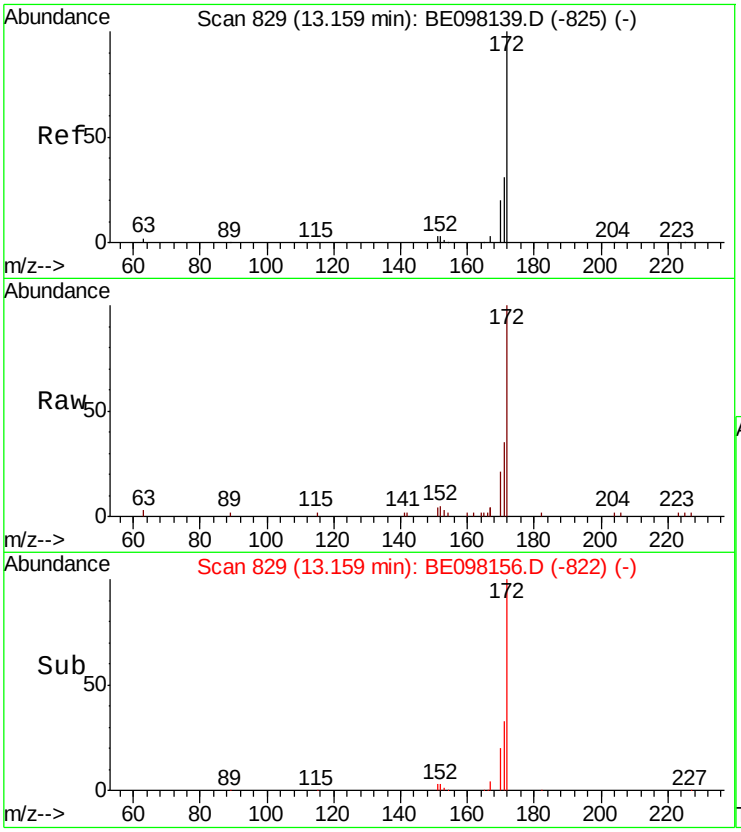


#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:330 Resp: 448

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.5	114.7
141	42.6	31.8	47.6



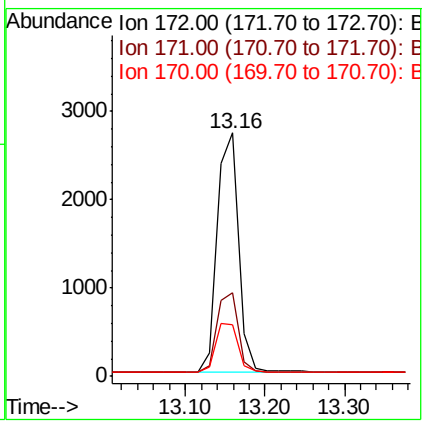


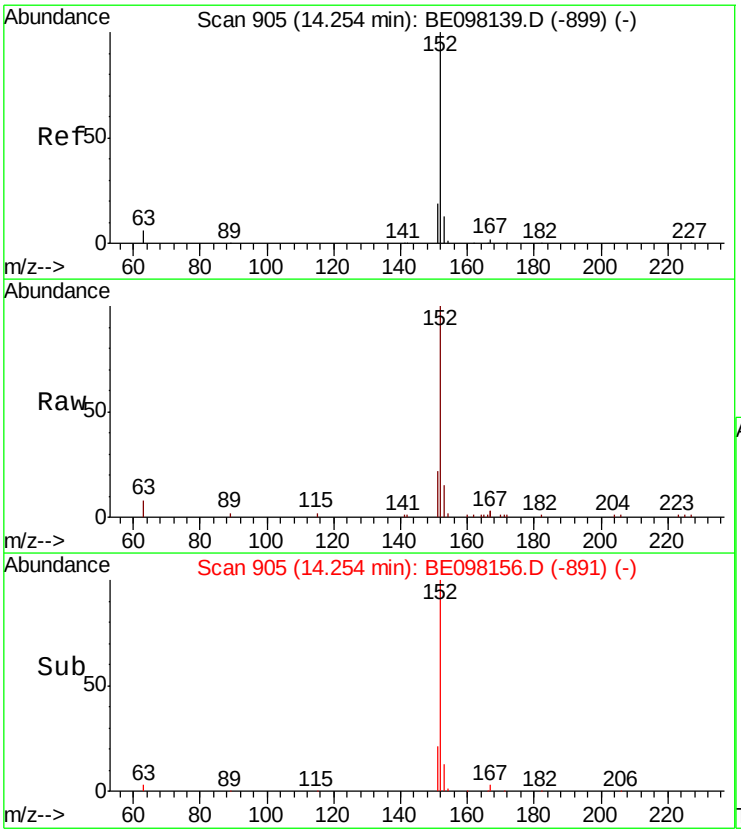
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:172 Resp: 5064

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.0	39.0
170	21.3	18.0	27.0

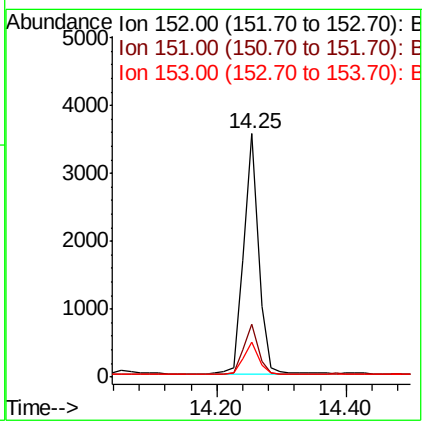


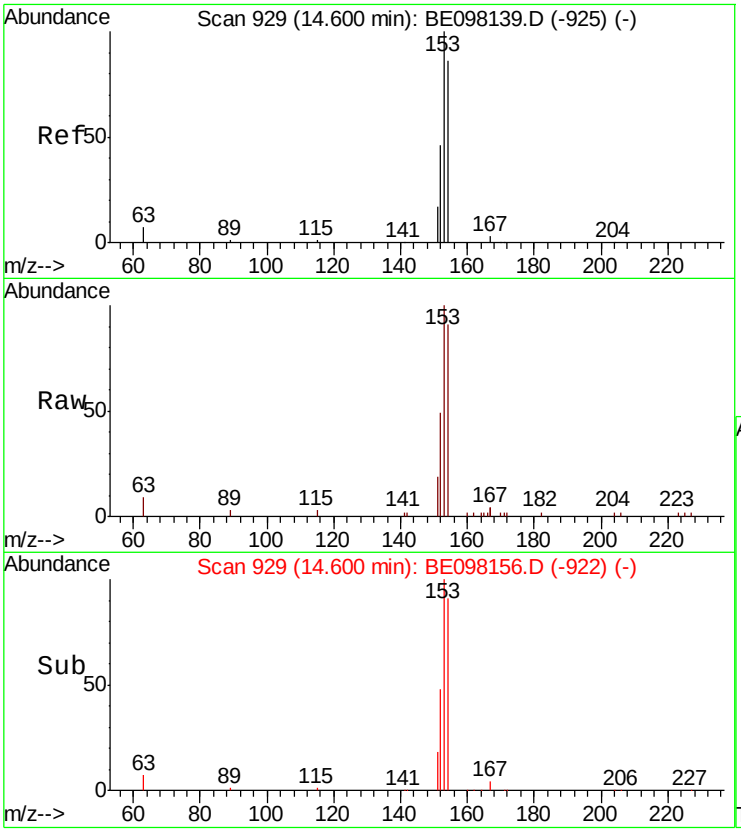


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:152 Resp: 5611

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.9	16.3



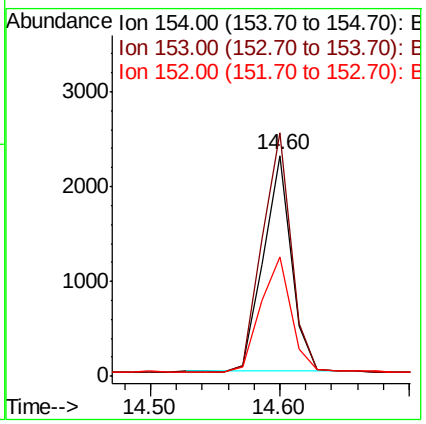


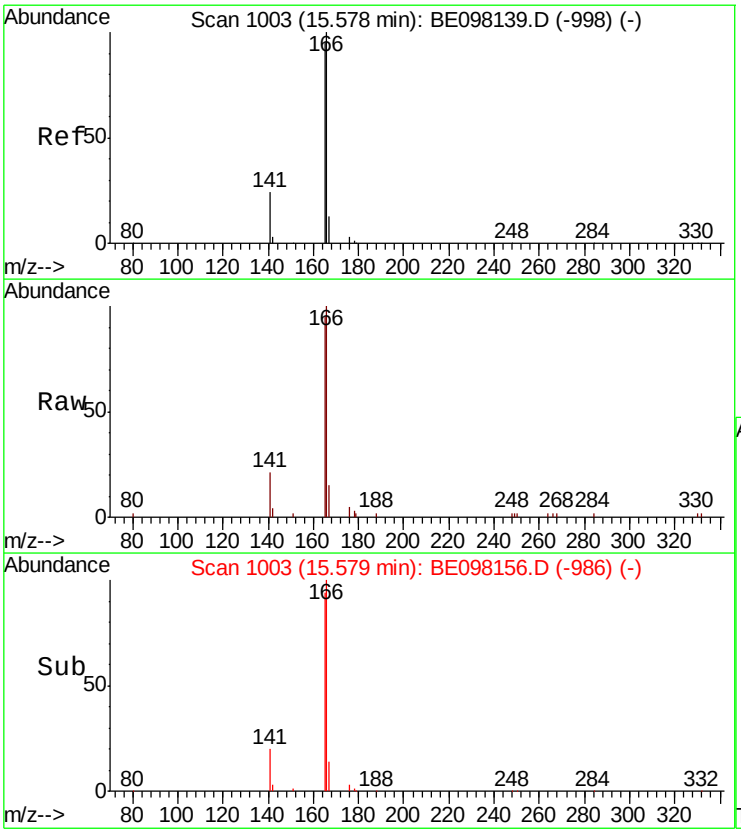
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:154 Resp: 3426

Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.6	139.0
152	57.5	45.5	68.3

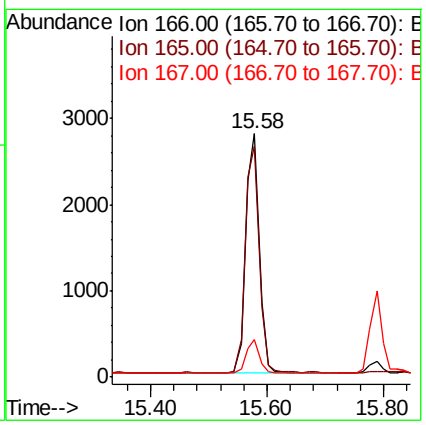


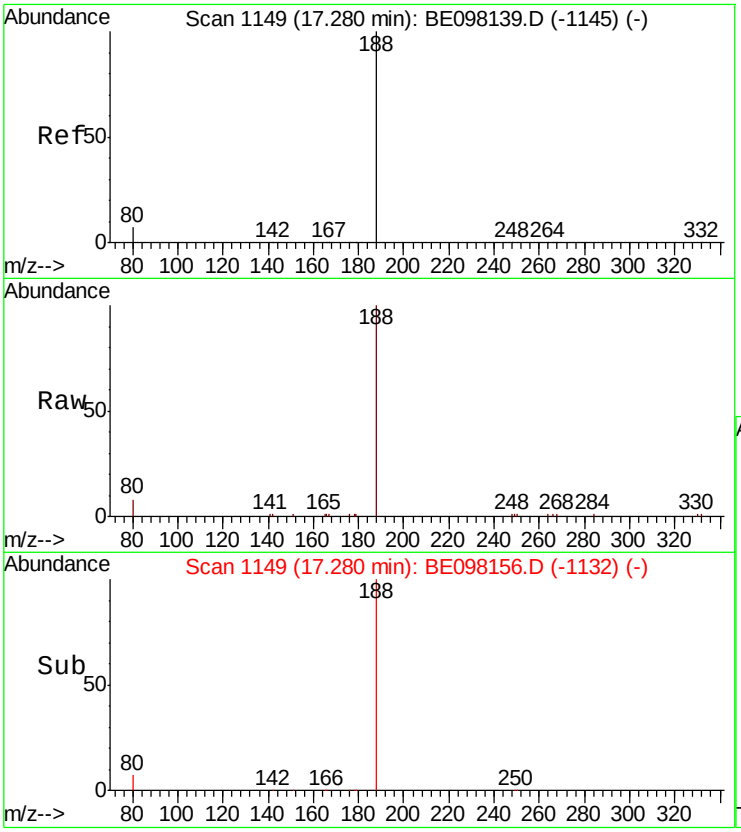


#18
Fluorene
Concen: 0.406 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:166 Resp: 4448

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	13.6	11.0	16.6



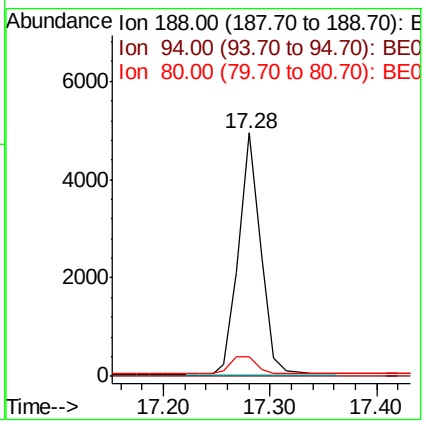


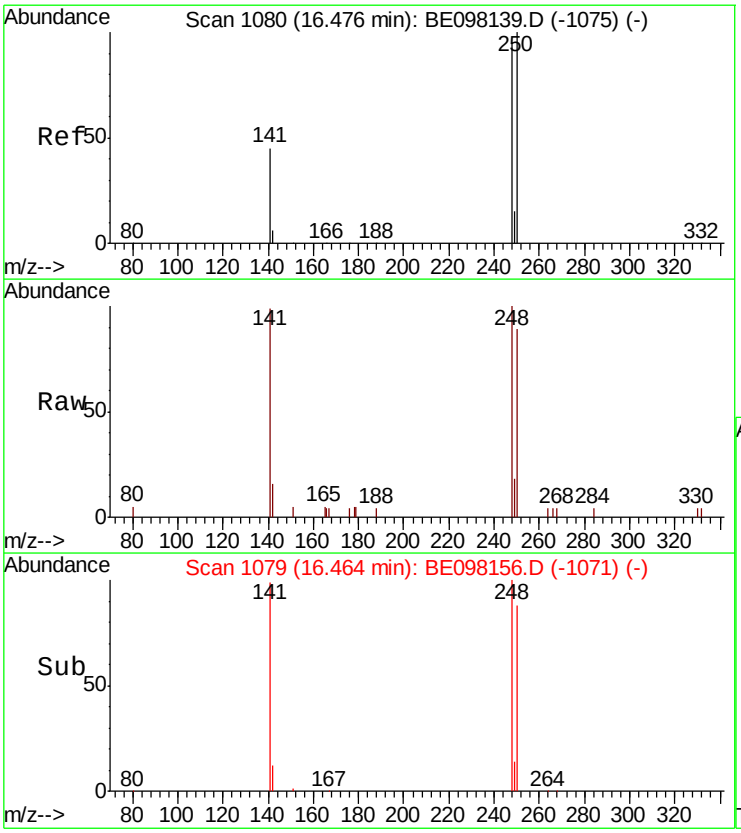
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:188 Resp: 7016

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.3	9.5

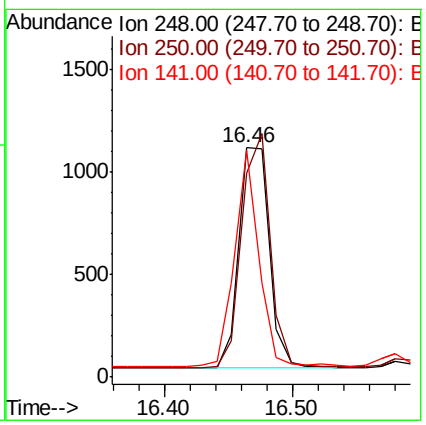


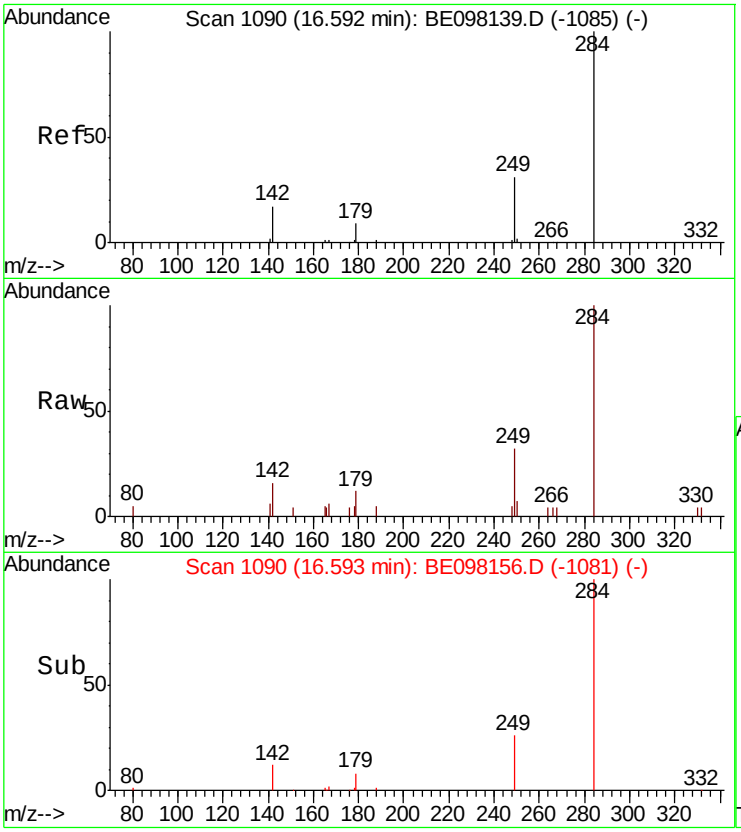


#20
4-Bromophenyl-phenylether
Concen: 0.416 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:248 Resp: 1778

Ion	Ratio	Lower	Upper
248	100		
250	88.6	75.1	112.7
141	99.1	51.8	77.8#



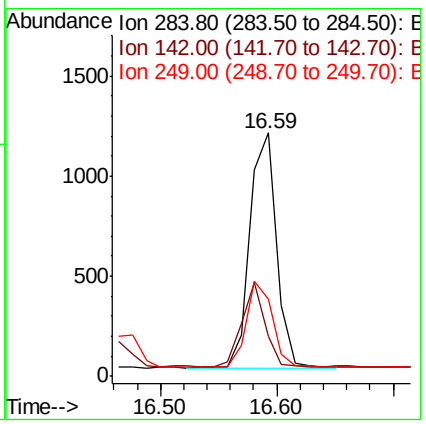


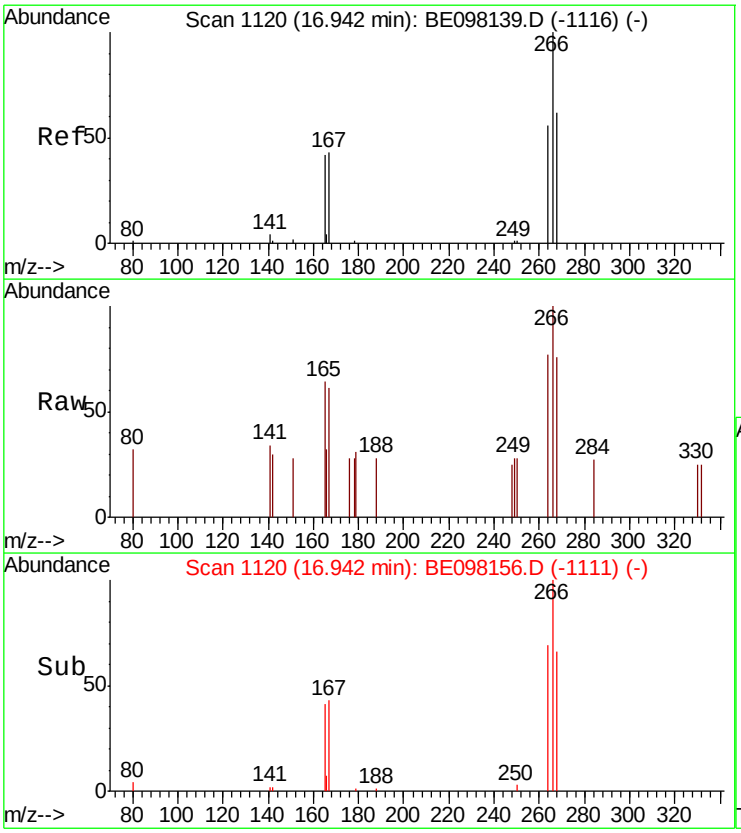
#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:284 Resp: 1872

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.9	38.9
249	36.0	26.6	40.0

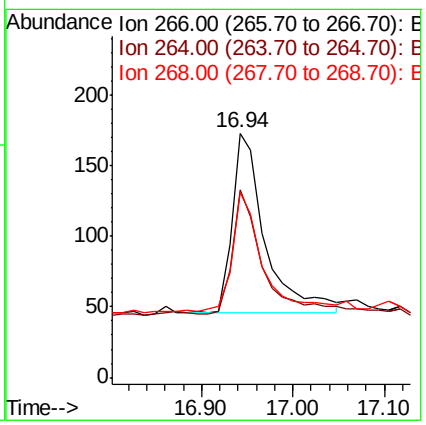


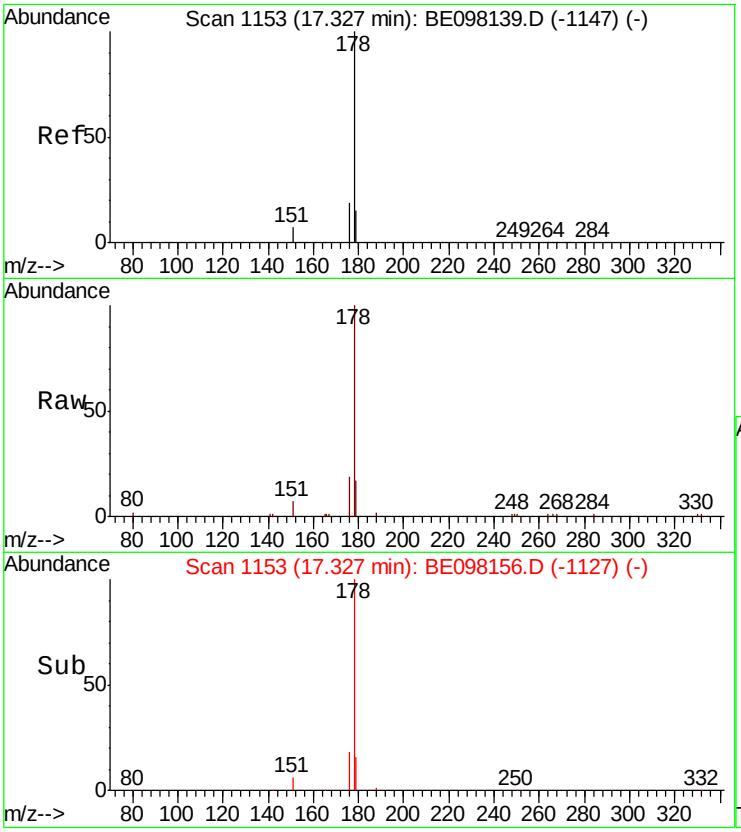


#22
Pentachlorophenol
Concen: 0.374 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:266 Resp: 317

Ion	Ratio	Lower	Upper
266	100		
264	76.9	51.3	76.9
268	75.7	50.1	75.1#



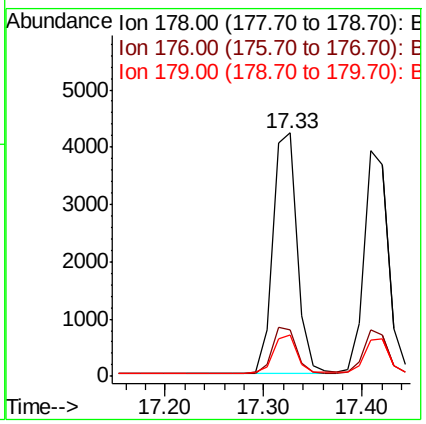


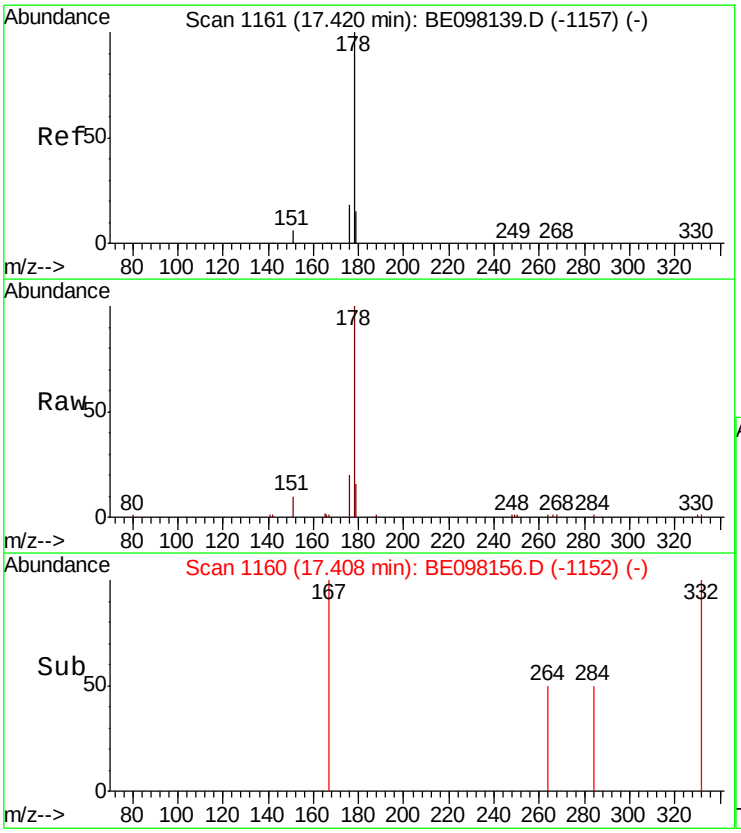
#23
Phenanthrene
Concen: 0.414 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:178 Resp: 7188

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.6	12.2	18.4

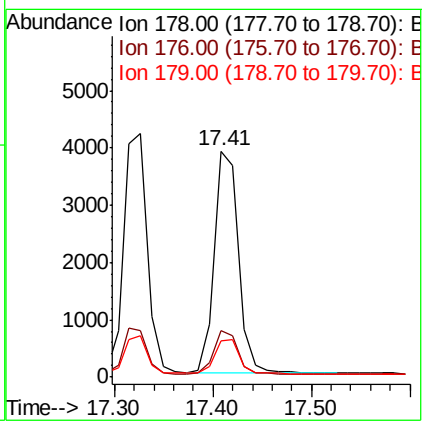


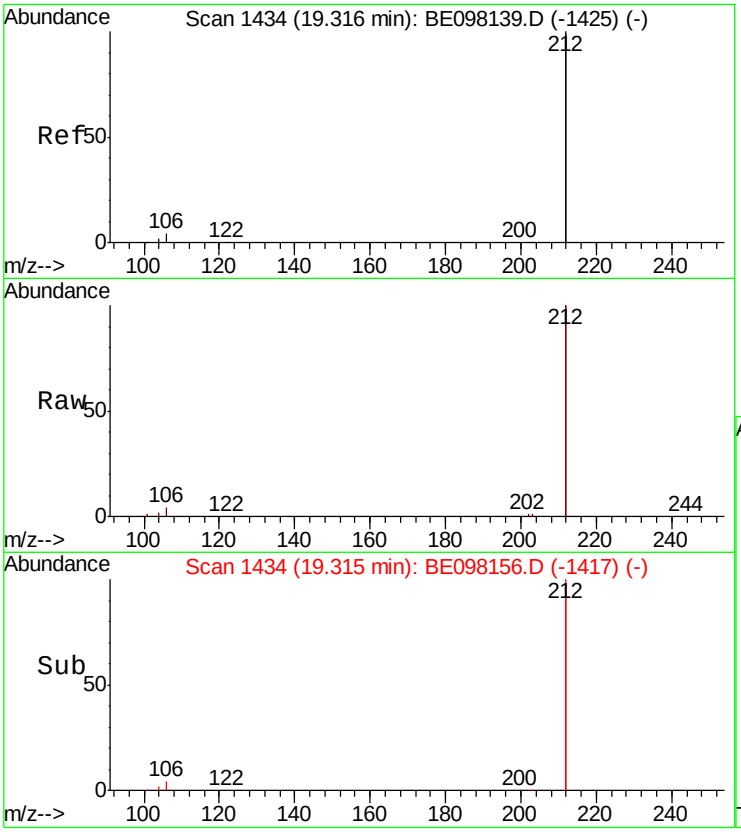


#24
Anthracene
Concen: 0.400 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:178 Resp: 6618

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	15.9	11.9	17.9



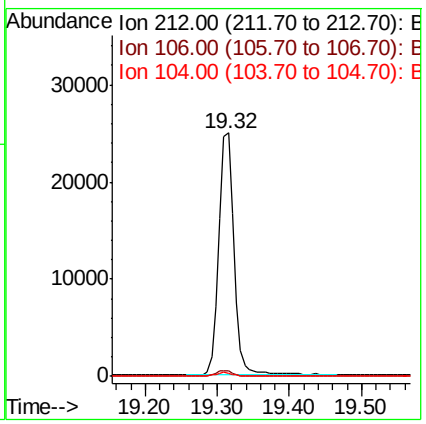


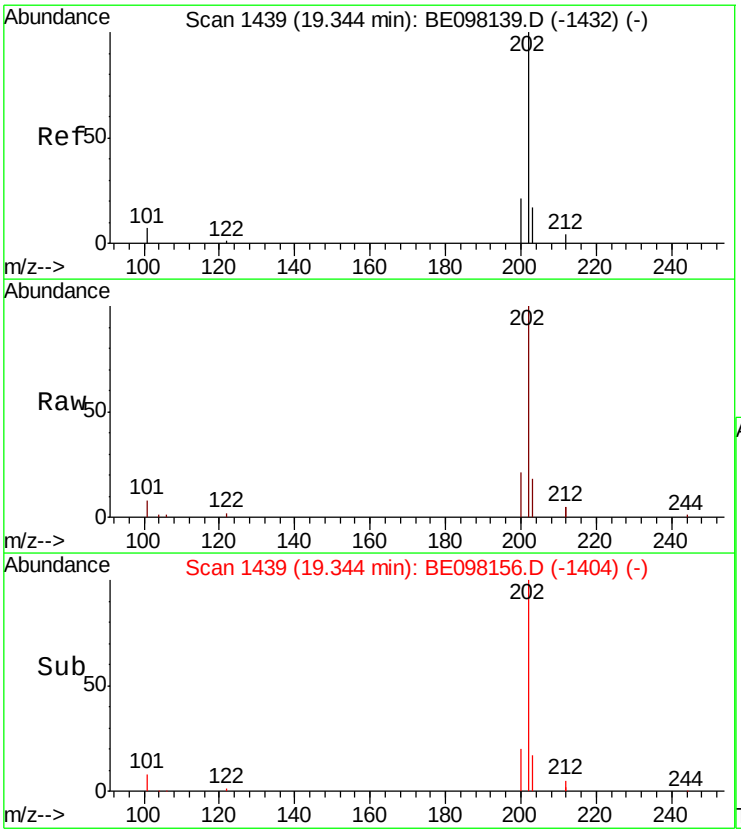
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.32 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:212 Resp: 36125

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.3	1.3	1.9

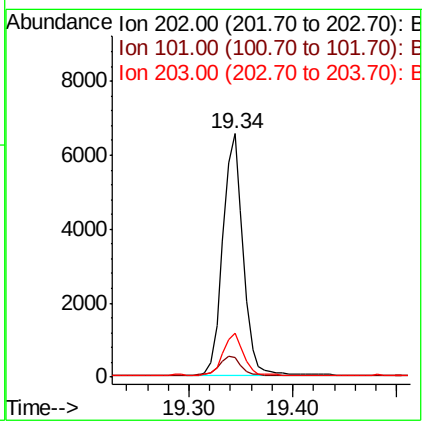


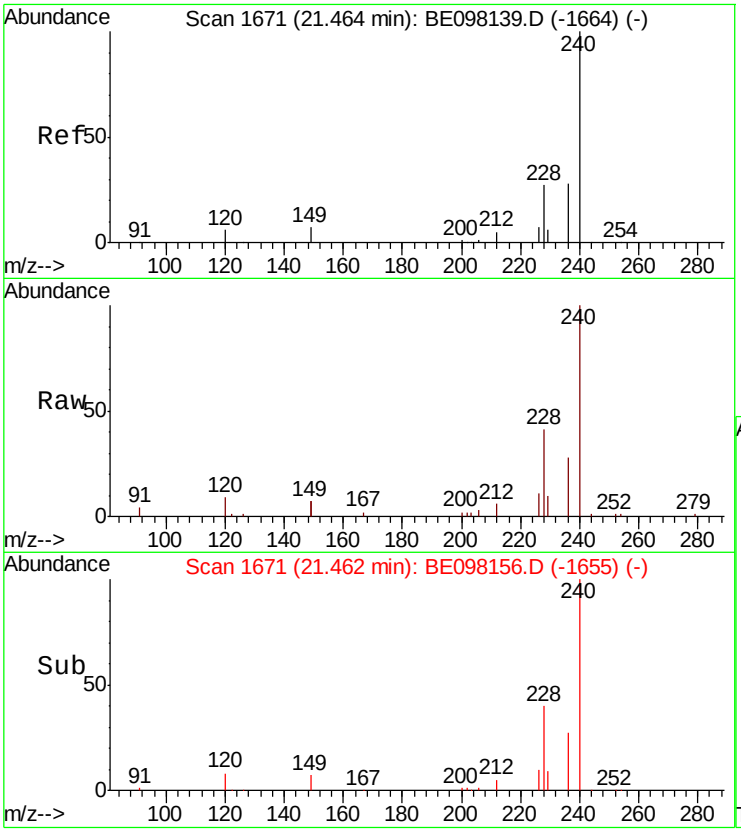


#26
Fluoranthene
Concen: 0.403 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:202 Resp: 8775

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.2	12.2
203	17.2	15.0	22.4



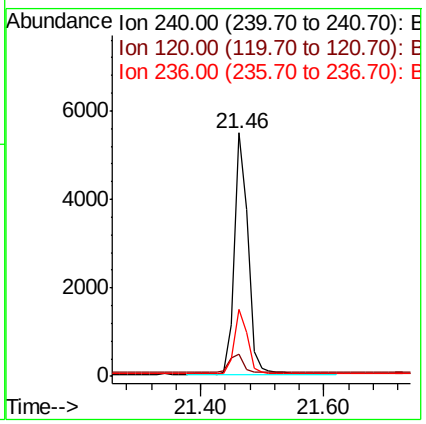


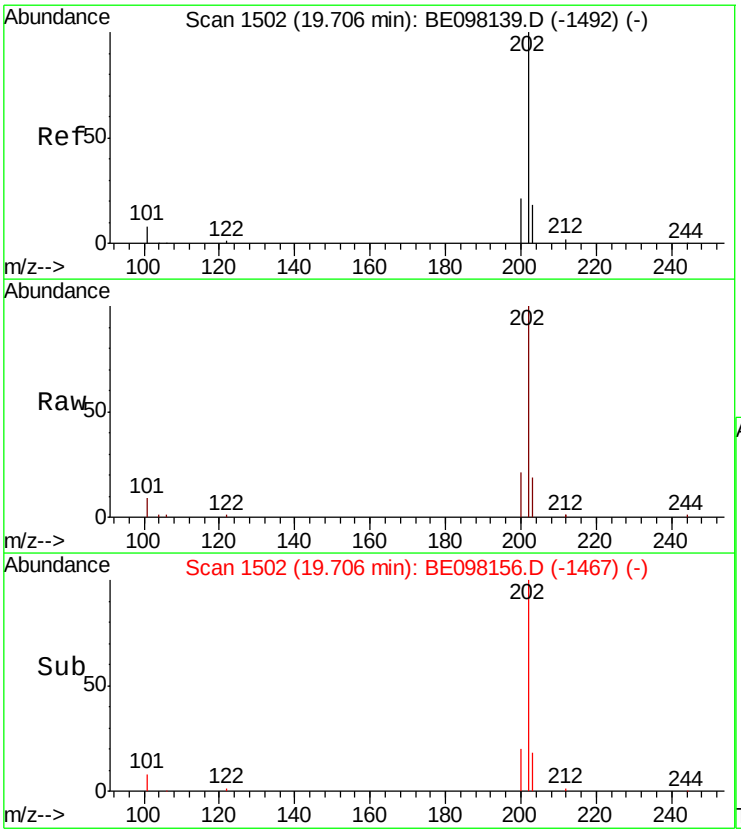
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:240 Resp: 8215

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	27.8	21.3	31.9

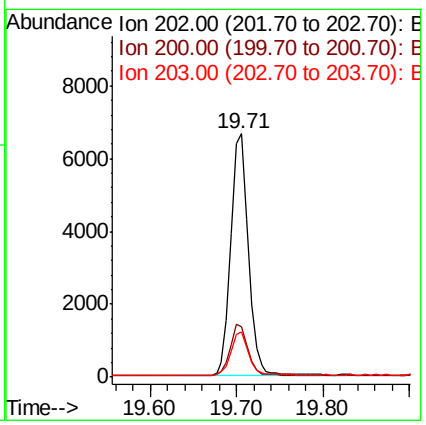


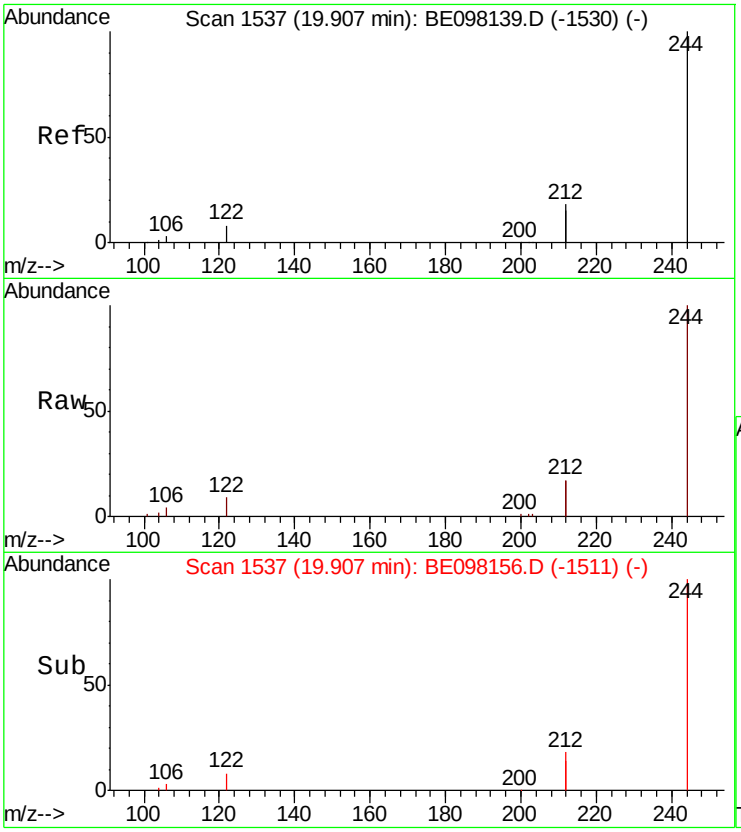


#28
Pyrene
Concen: 0.408 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:202 Resp: 9148

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.7	14.2	21.4



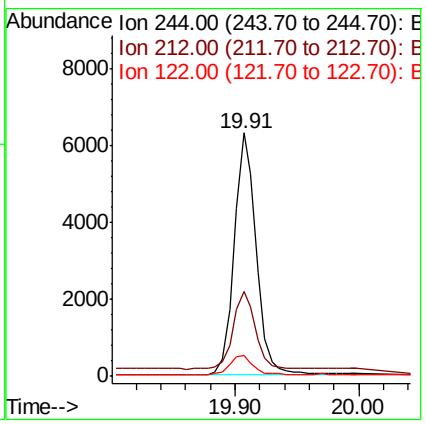


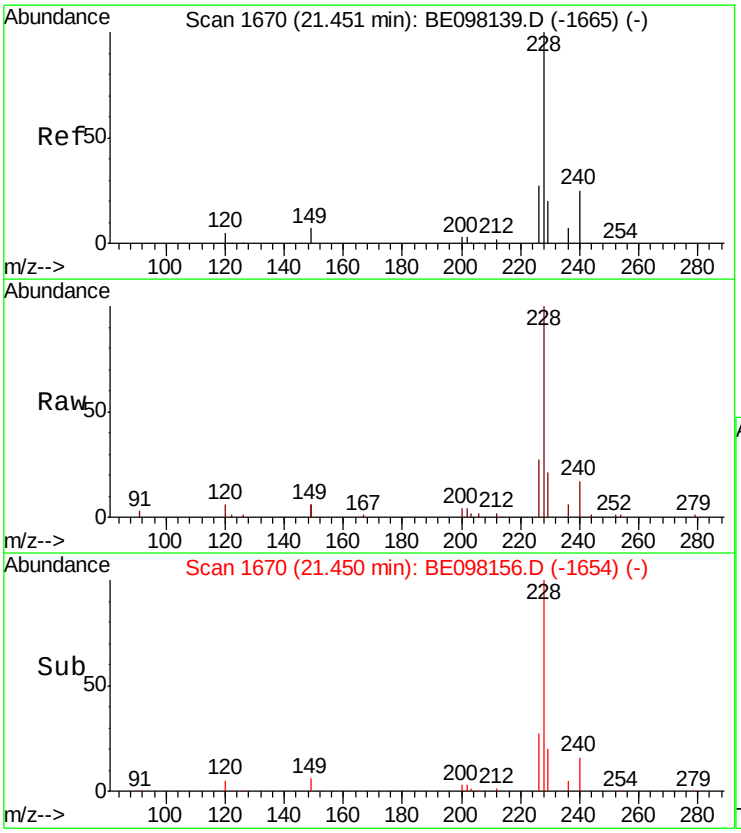
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:244 Resp: 7723

Ion	Ratio	Lower	Upper
244	100		
212	34.8	26.2	39.2
122	8.7	7.7	11.5

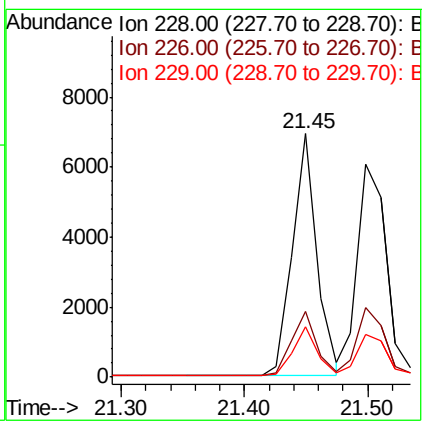


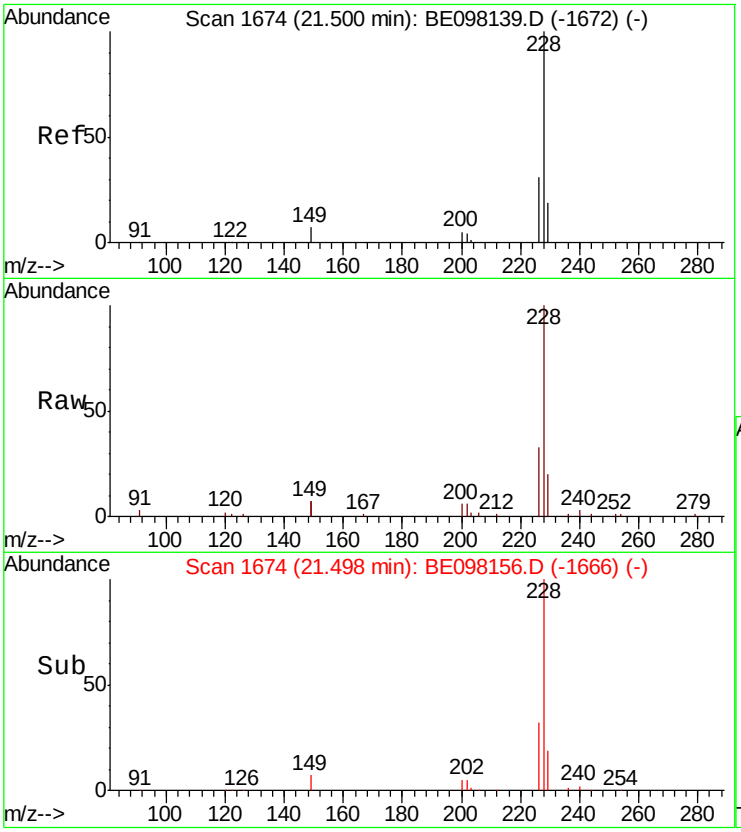


#30
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:228 Resp: 9539

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.8	16.9	25.3



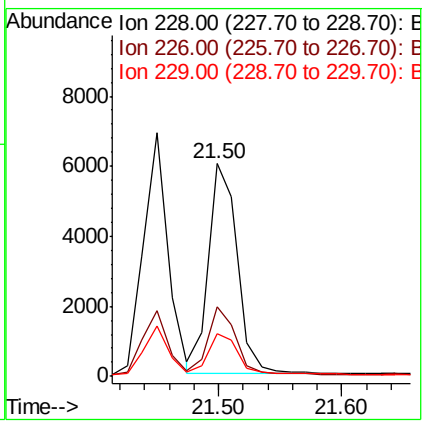


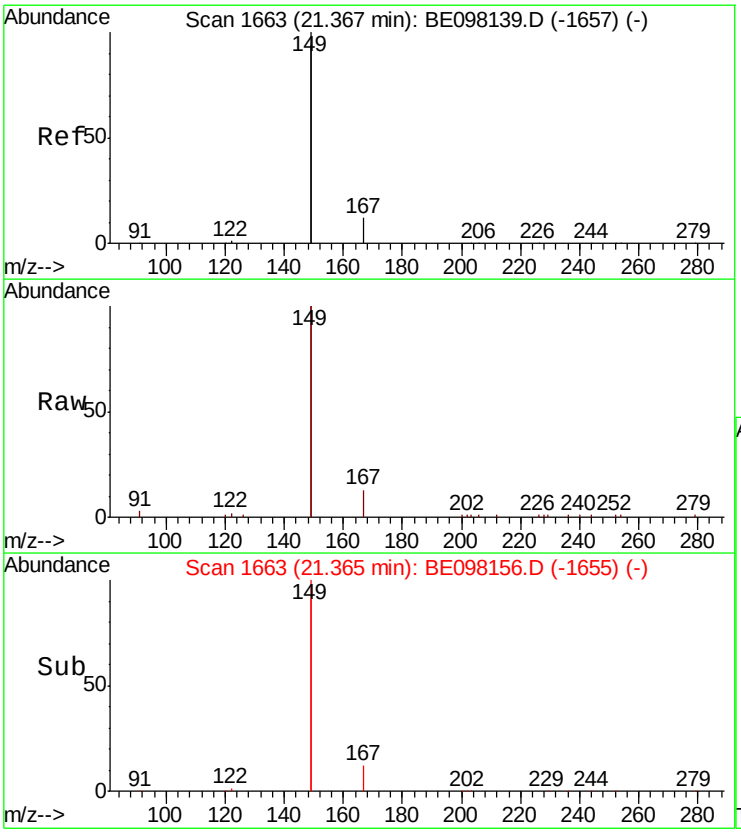
#31
Chrysene
Concen: 0.406 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:228 Resp: 9642

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.3	36.5
229	19.8	17.3	25.9

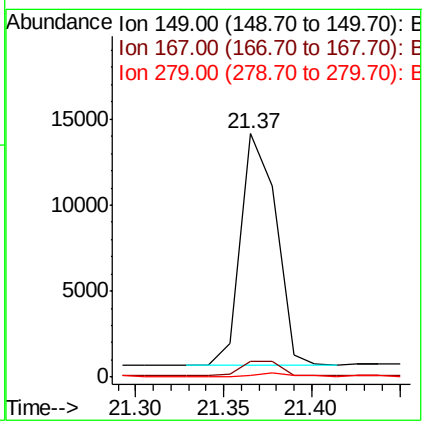


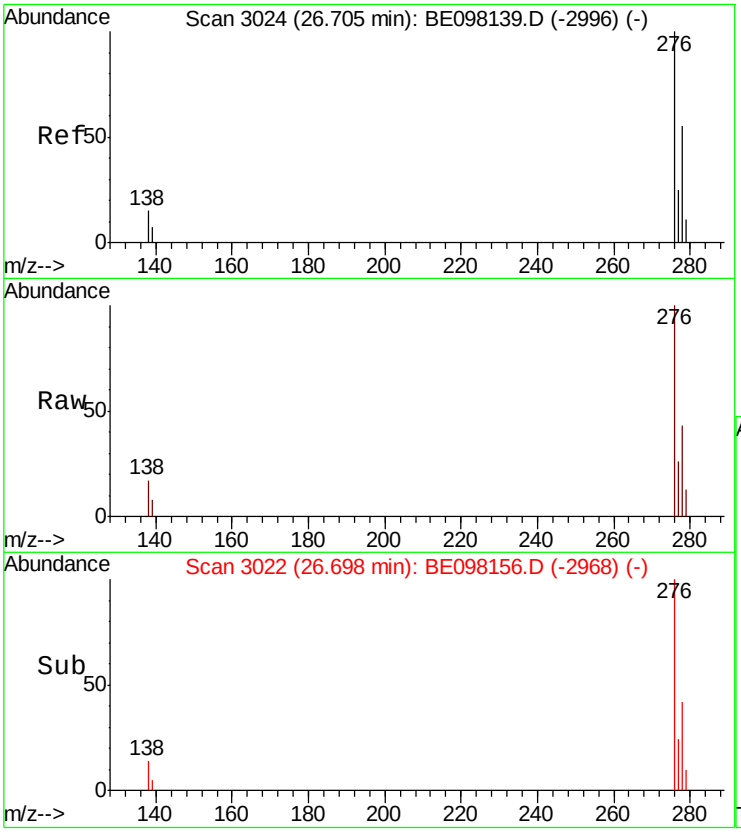


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:149 Resp: 18935

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.2	0.9	1.3



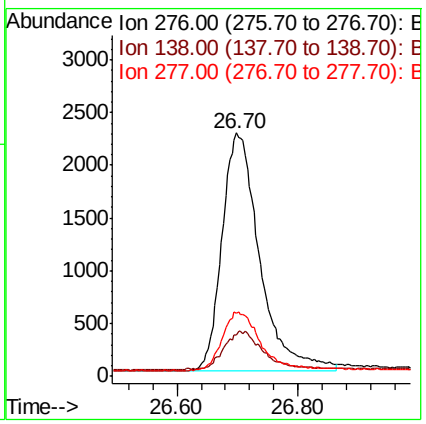


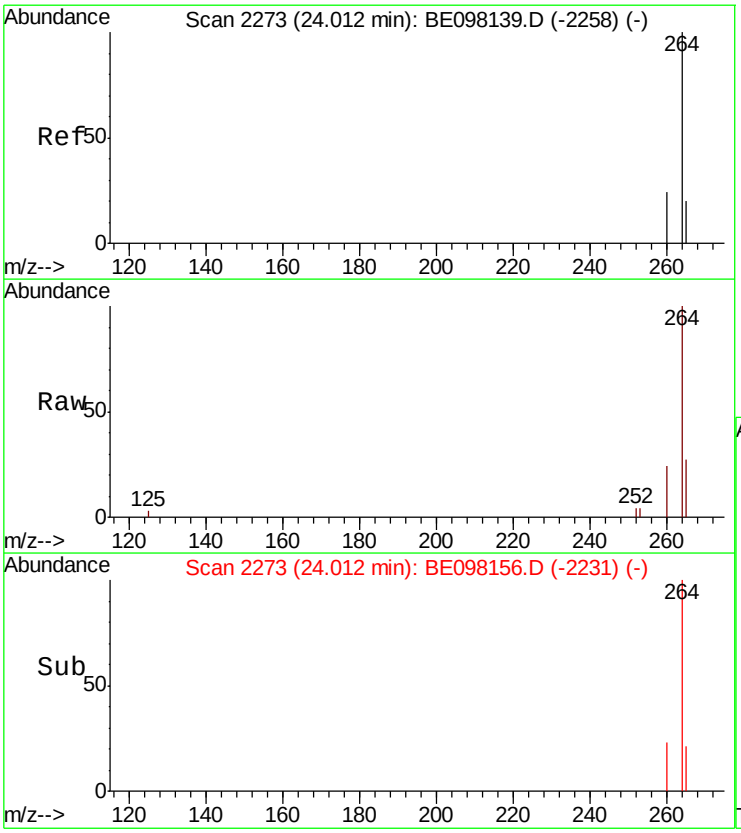
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.01 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:276 Resp: 9711

Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.0	25.6#
277	25.1	20.5	30.7

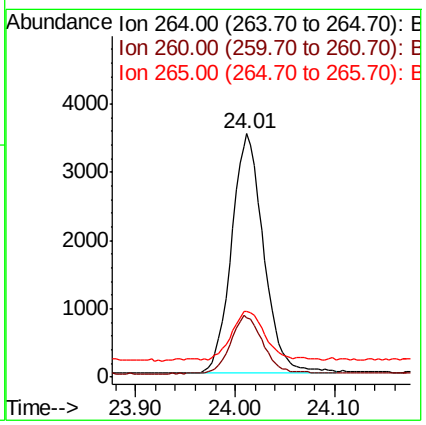


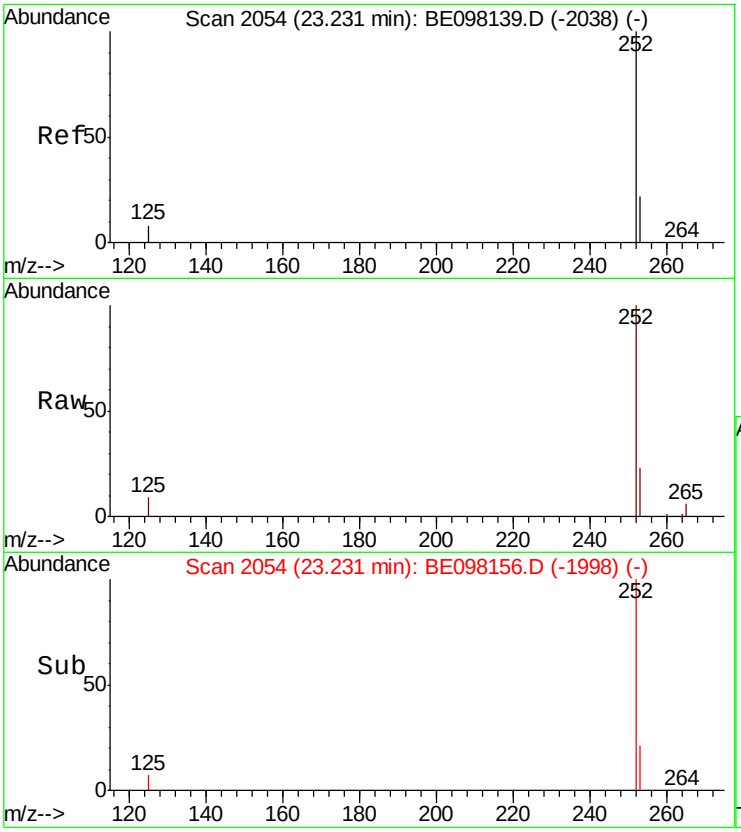


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:264 Resp: 7867

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.1	31.7
265	27.2	29.2	43.8#



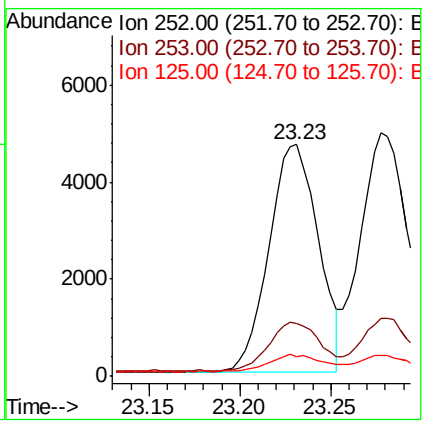


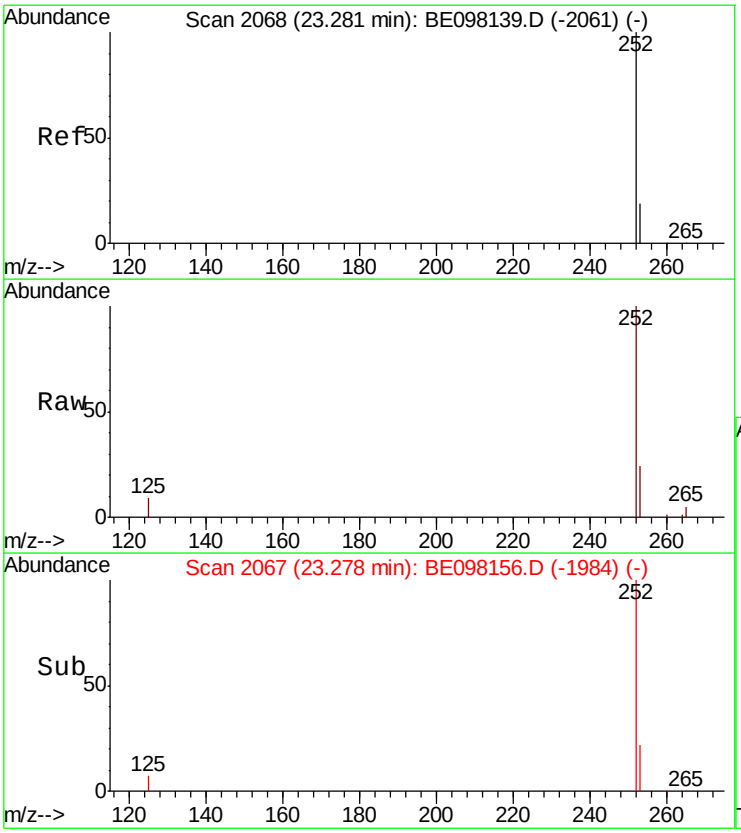
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:252 Resp: 8837

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.6	31.0
125	8.6	14.3	21.5#

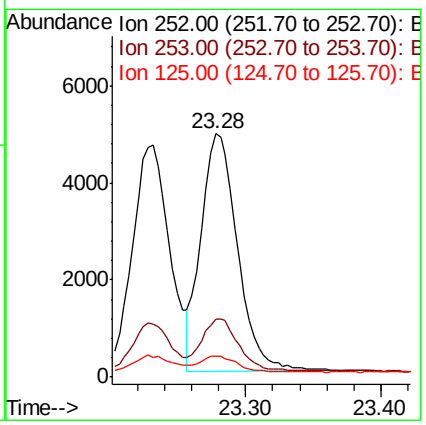


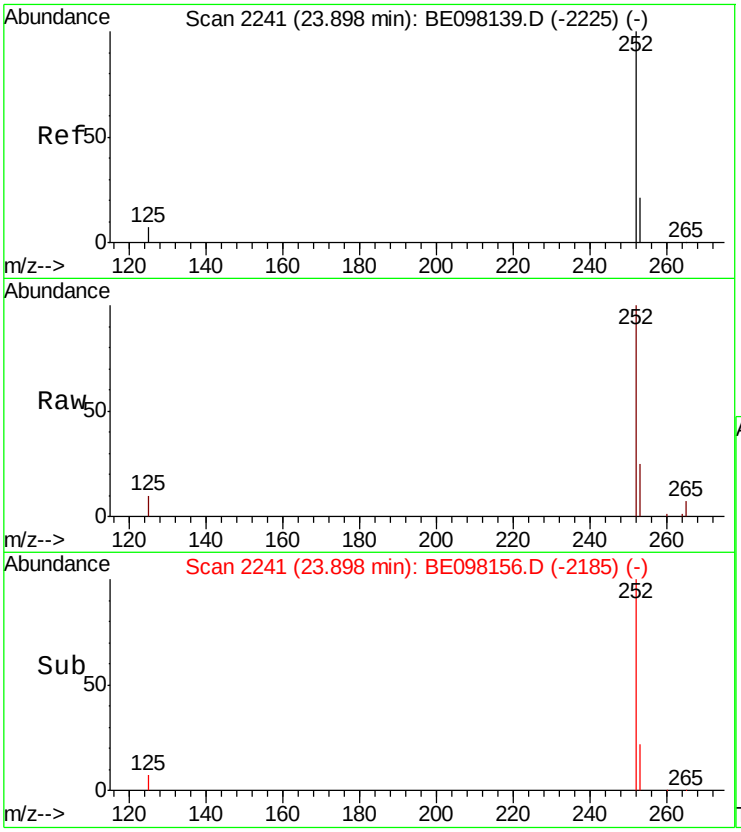


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:252 Resp: 9223

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.4	30.6
125	8.6	14.6	21.8#



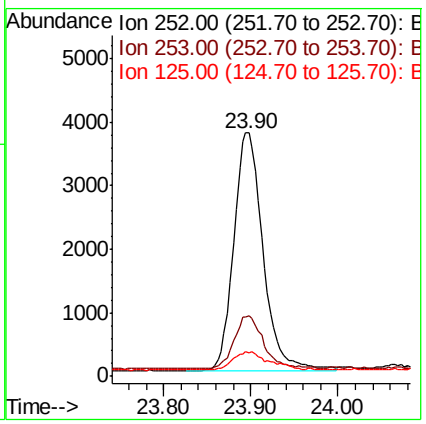


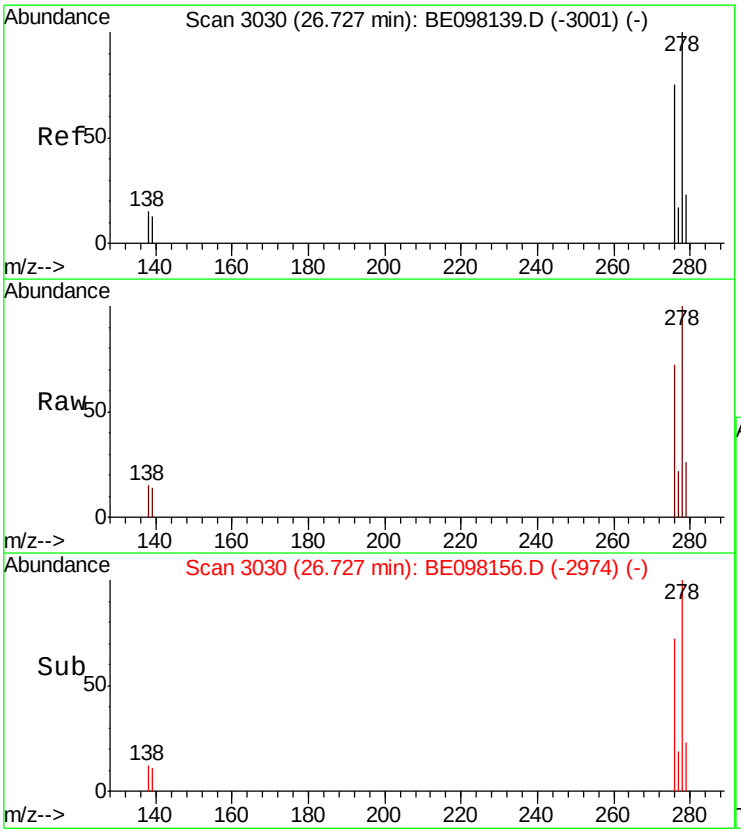
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:252 Resp: 8784

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.6	31.0
125	9.6	15.6	23.4#

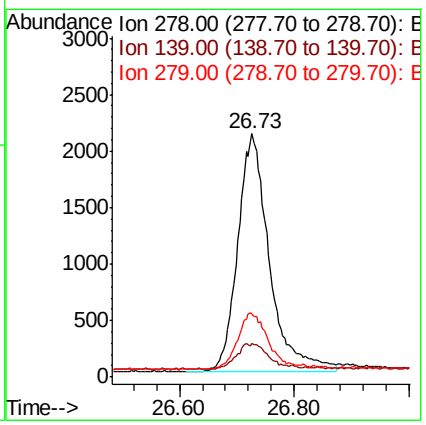


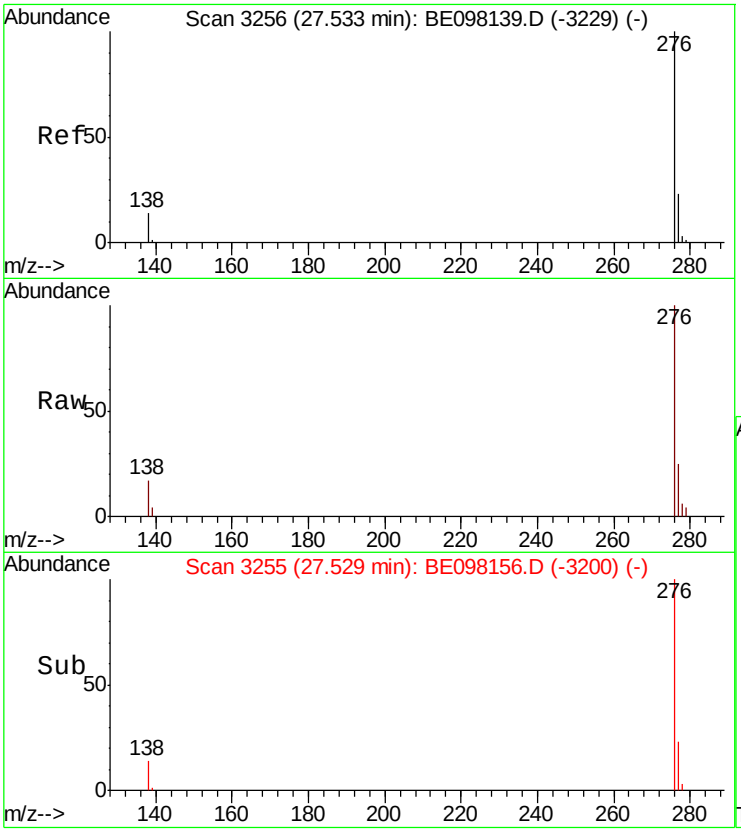


#38
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:278 Resp: 8064

Ion	Ratio	Lower	Upper
278	100		
139	14.0	16.3	24.5#
279	25.9	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:276 Resp: 8129

Ion	Ratio	Lower	Upper
276	100		
277	24.7	22.1	33.1
138	16.9	19.3	28.9#