Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112118\
Data File : BE098257.D
Acq On : 21 Nov 2018 11:35
Operator : SJ/JU
Sample : J5996-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : AOC8-01R-A

Quant Time: Nov 22 00:01:10 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 19:05:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1518	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	7143	0.40	ng		0.01
13) Acenaphthene-d10	14.54	164	4710	0.40	ng		0.01
19) Phenanthrene-d10	17.28	188	10474	0.40	ng		0.00
27) Chrysene-d12	21.46	240	11583	0.40	ng		0.00
34) Perylene-d12	24.01	264	11131	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	140	0.03	ng		0.00
5) Phenol-d6	7.04	99	232	0.04	ng		0.00
8) Nitrobenzene-d5	9.04	82	210	0.03	ng		0.03
11) 2-Methylnaphthalene-d10	12.27	152	412	0.03	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	73	0.05	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	568	0.03	ng		0.01
25) Fluoranthene-d10	19.32	212	3667	0.03	ng		0.00
29) Terphenyl-d14	19.91	244	914	0.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	94	0.039	ng	#	37
9) Naphthalene	10.72	128	8931	0.123	ng	#	97
12) 2-Methylnaphthalene	12.35	142	1858	0.145	ng		92
16) Acenaphthylene	14.25	152	12838	0.573	ng		96
17) Acenaphthene	14.60	154	1559	0.116	ng		97
18) Fluorene	15.58	166	3629	0.213	ng	#	92
22) Pentachlorophenol	17.00	266	12	0.109	ng	#	70
23) Phenanthrene	17.33	178	35103	1.303	ng		99
24) Anthracene	17.41	178	11881	0.485	ng		98
26) Fluoranthene	19.34	202	111159	3.437	ng		99
28) Pyrene	19.70	202	109421	3.232	ng		97
30) Benzo(a)anthracene	21.45	228	76671	2.288	ng		95
31) Chrysene	21.50	228	67549	1.959	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	5246	0.100	ng	#	95
33) Indeno(1,2,3-cd)pyrene	26.70	276	46284	1.568	ng	#	93
35) Benzo(b)fluoranthene	23.23	252	95533	3.039	ng		98
36) Benzo(k)fluoranthene	23.23	252	95533	2.691	ng	#	95
37) Benzo(a)pyrene	23.89	252	69854	2.263	ng	#	98
38) Dibenzo(a,h)anthracene	26.72	278	11400	0.461	ng	#	91
39) Benzo(g,h,i)perylene	27.53	276	45751	1.717	ng		98

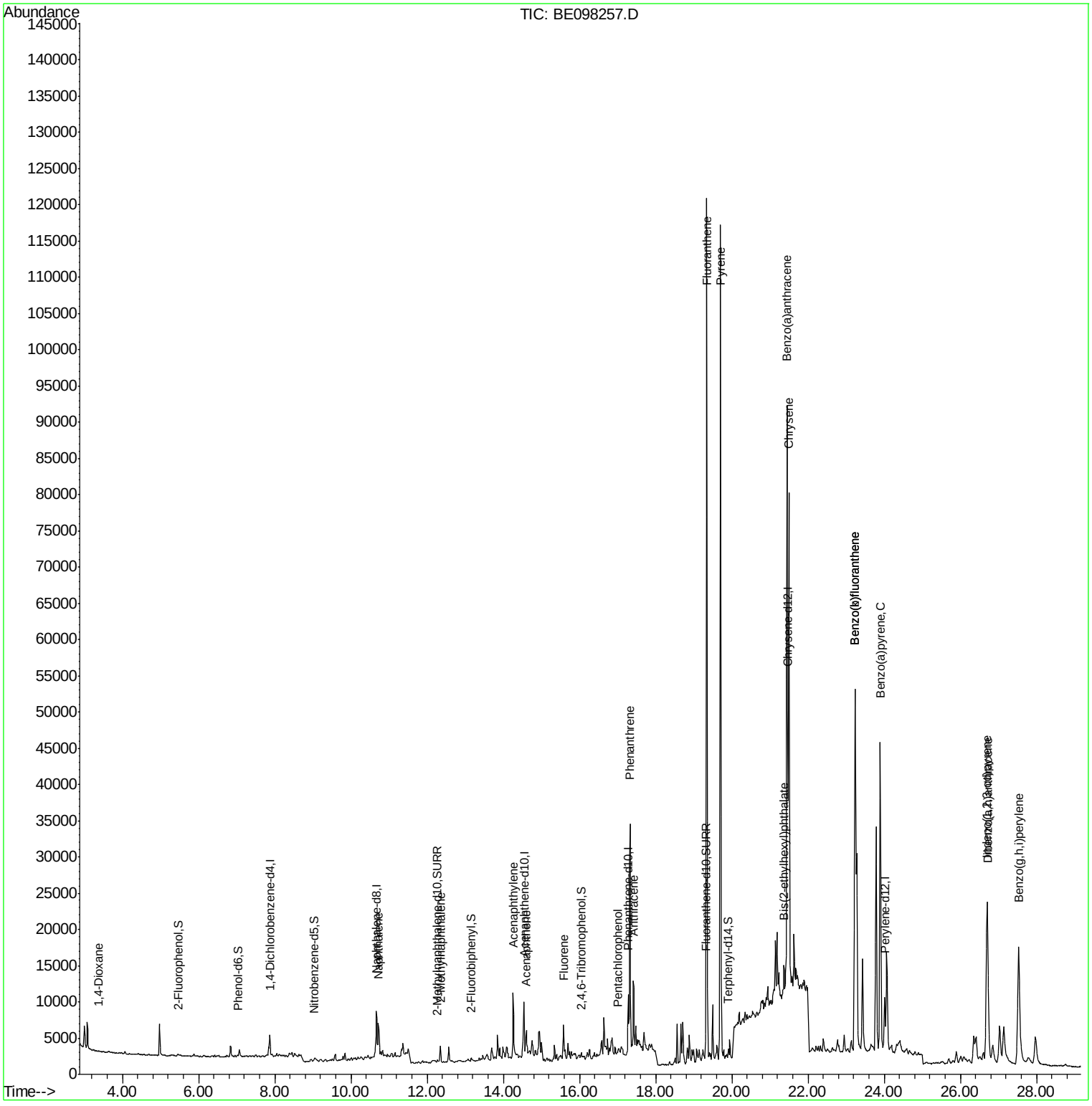
(#) = qualifier out of range (m) = manual integration (+) = signals summed

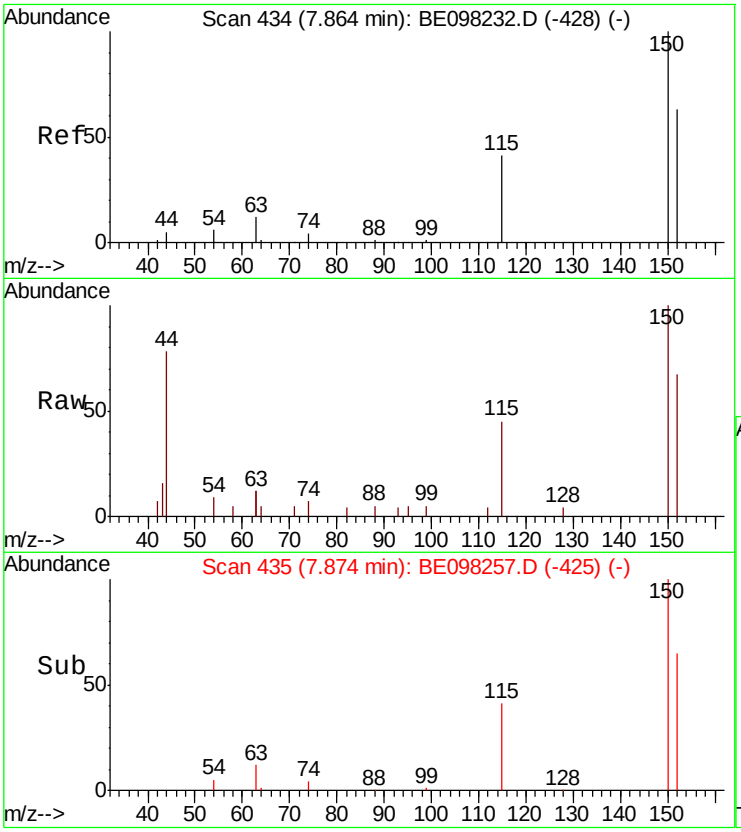
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112118\
Data File : BE098257.D
Acq On : 21 Nov 2018 11:35
Operator : SJ/JU
Sample : J5996-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Quant Time: Nov 22 00:01:10 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 19:05:33 2018
Response via : Initial Calibration



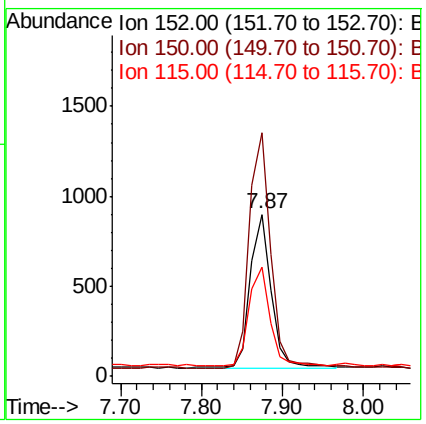


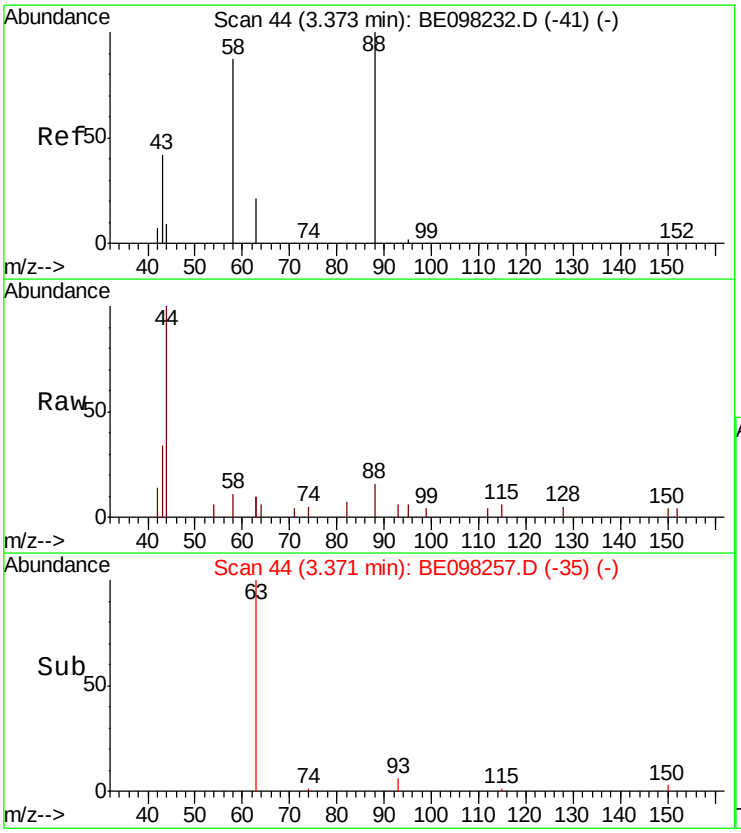
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:152 Resp: 1518

Ion	Ratio	Lower	Upper
152	100		
150	150.2	127.5	191.3
115	67.0	60.3	90.5

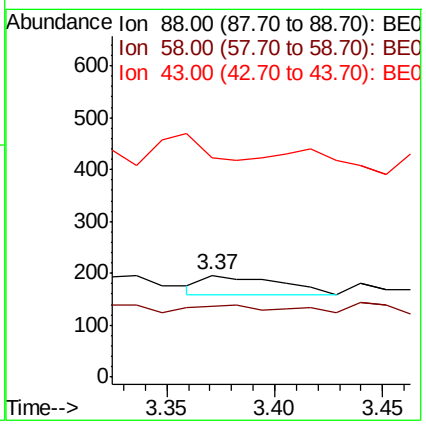


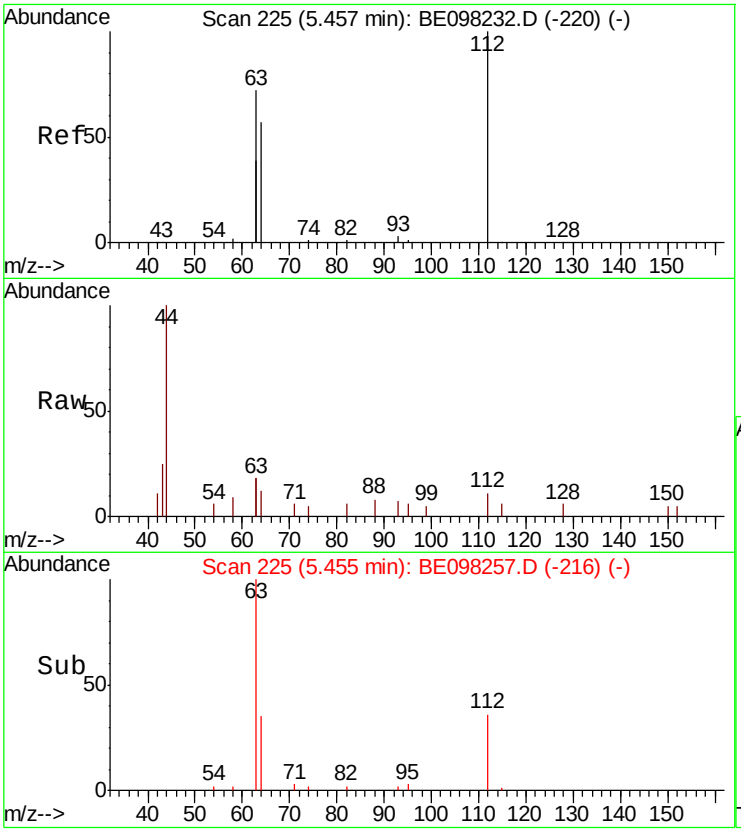


#2
1,4-Dioxane
Concen: 0.039 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
58	40.4	79.0	118.4#
43	0.0	38.1	57.1#



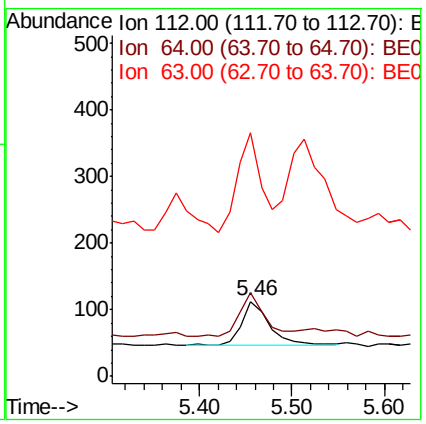


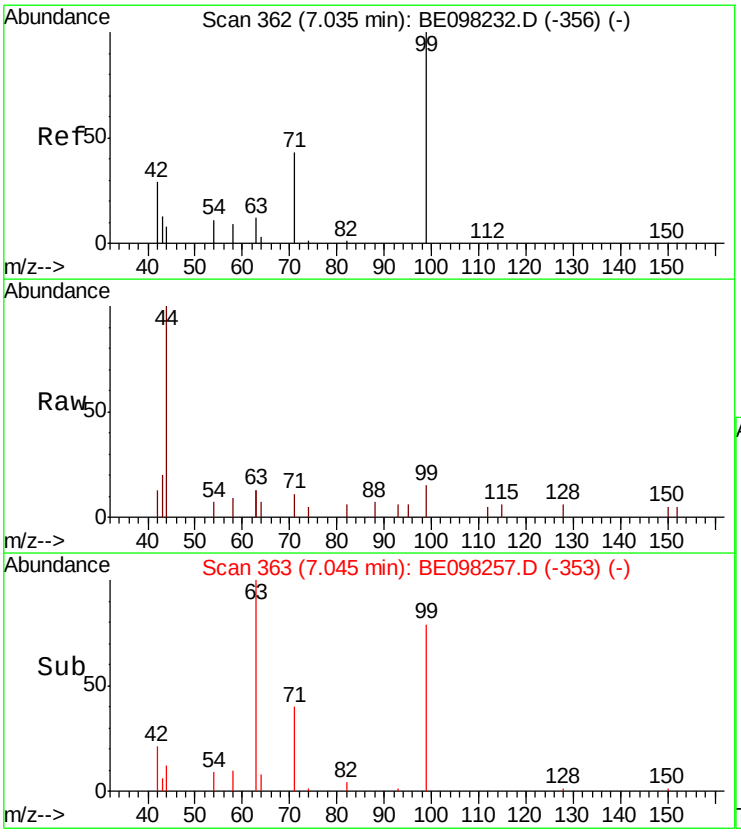
#4
2-Fluorophenol
Concen: 0.034 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:112 Resp: 140

Ion	Ratio	Lower	Upper
112	100		
64	88.6	61.7	92.5
63	191.4	136.2	204.2

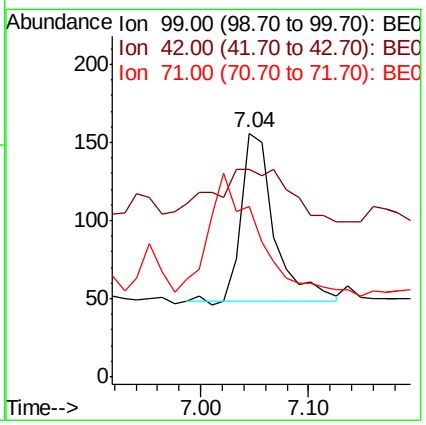


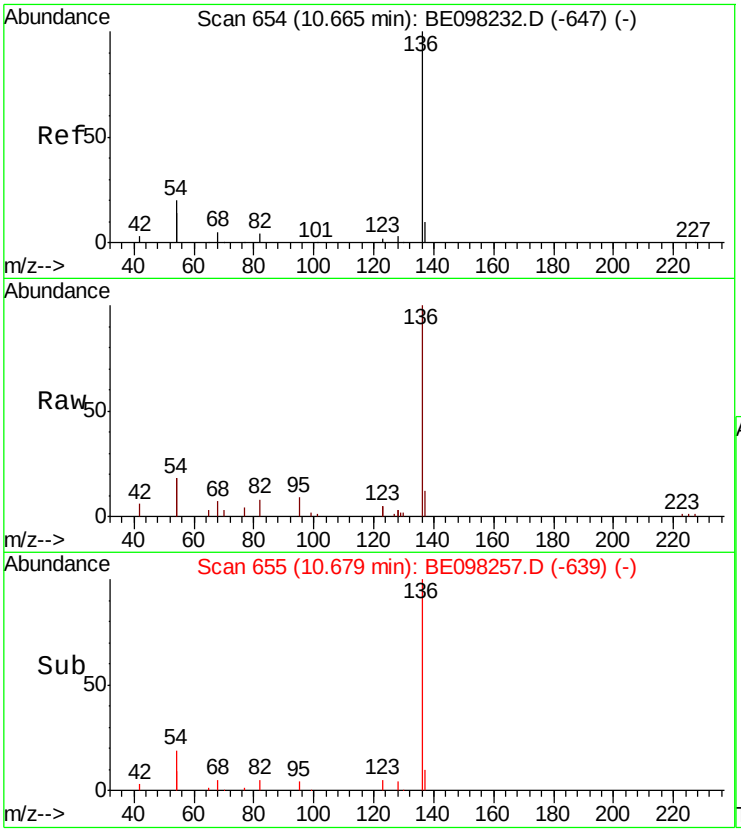


#5
Phenol-d6
Concen: 0.036 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion: 99 Resp: 232

Ion	Ratio	Lower	Upper
99	100		
42	0.0	27.1	40.7#
71	0.0	37.0	55.6#



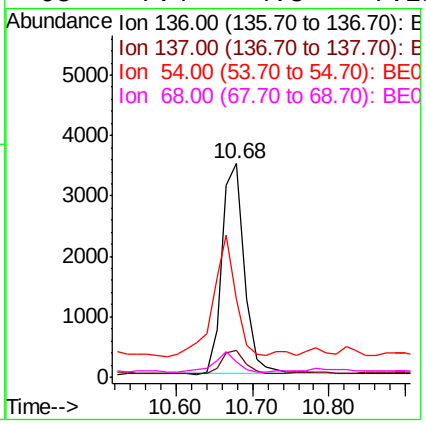


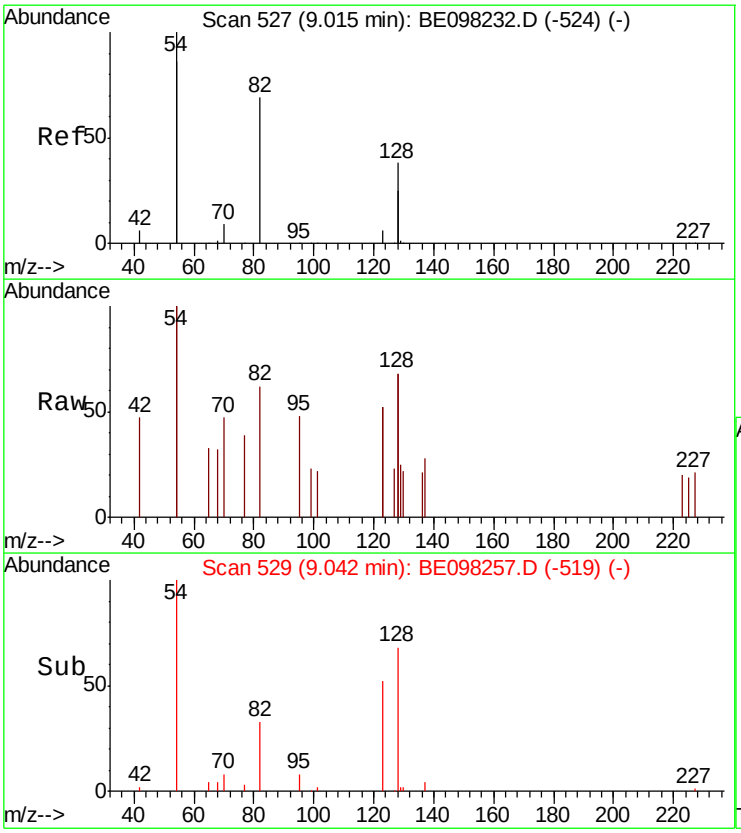
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:136 Resp: 7143

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	36.7	31.3	46.9
68	7.4	4.8	7.2#

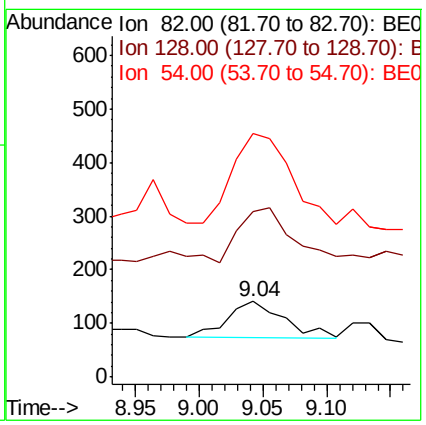


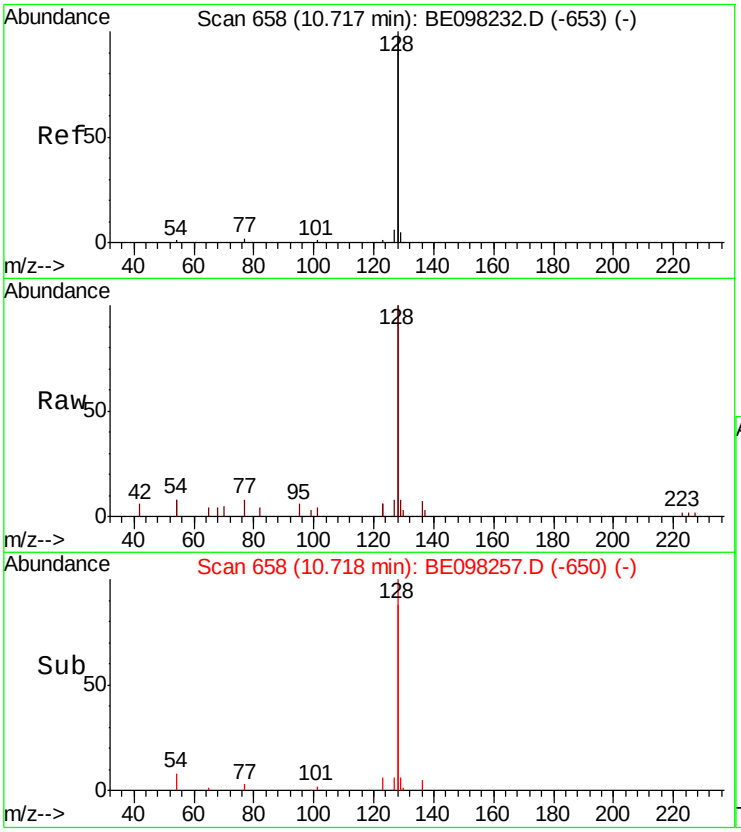


#8
Nitrobenzene-d5
Concen: 0.031 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion: 82 Resp: 210

Ion	Ratio	Lower	Upper
82	100		
128	218.4	96.1	144.1#
54	322.0	232.0	348.0



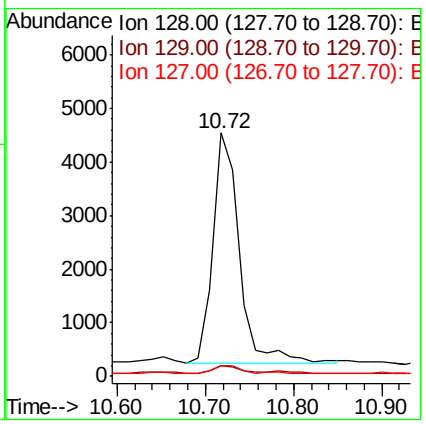


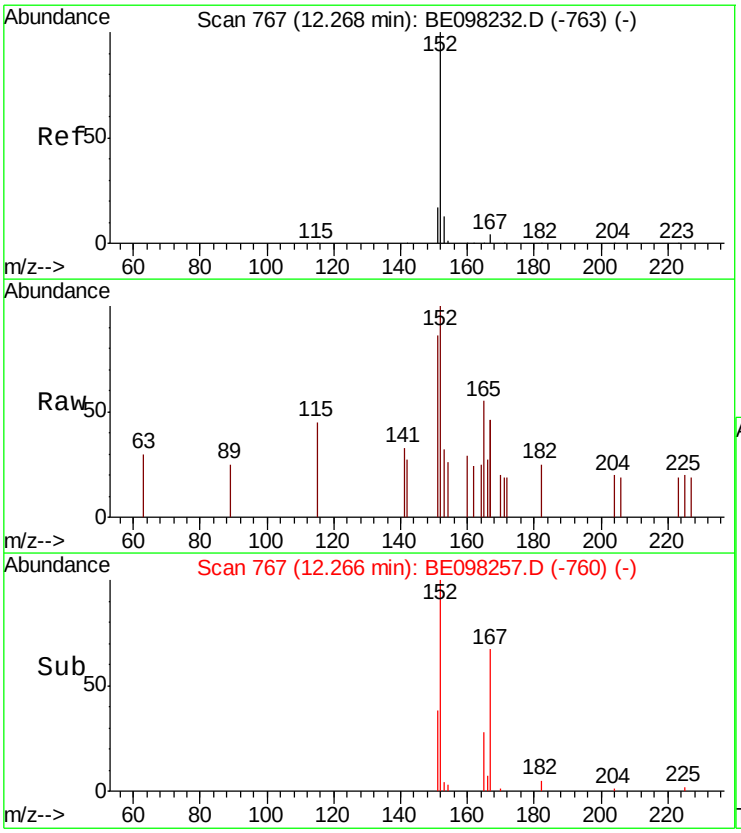
#9
Naphthalene
Concen: 0.123 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:128 Resp: 8931

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

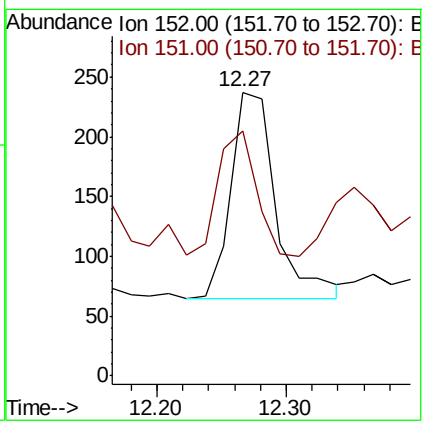


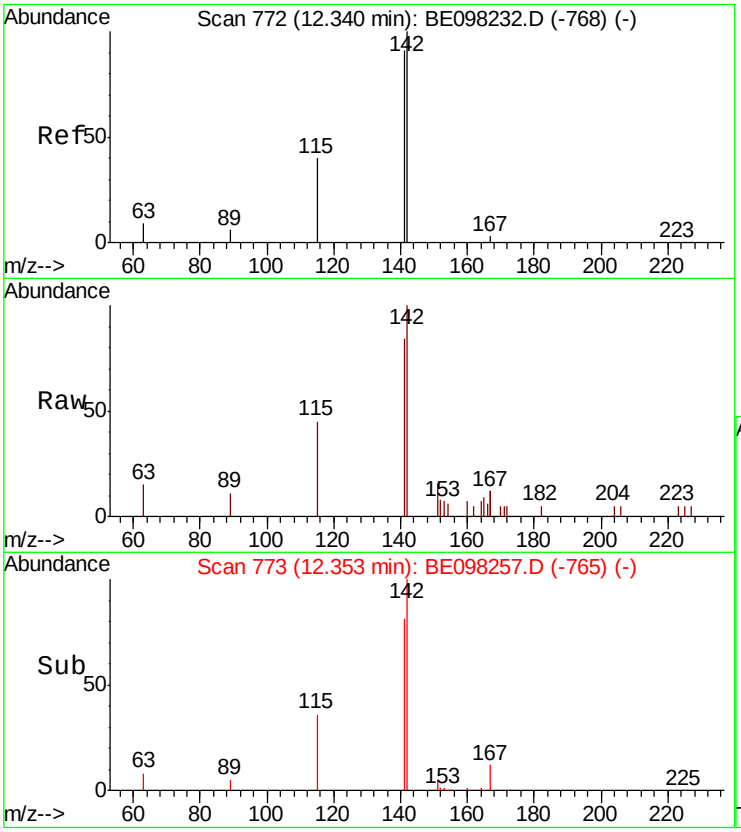


#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:152 Resp: 412

Ion	Ratio	Lower	Upper
152	100		
151	51.5	15.4	23.2#



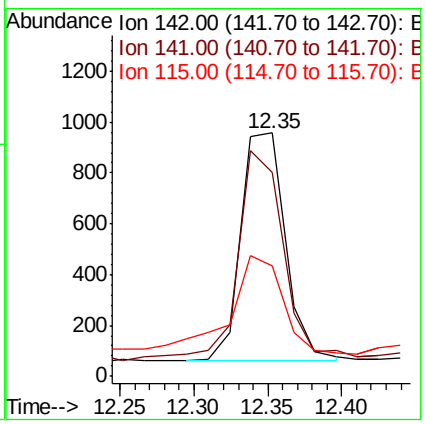


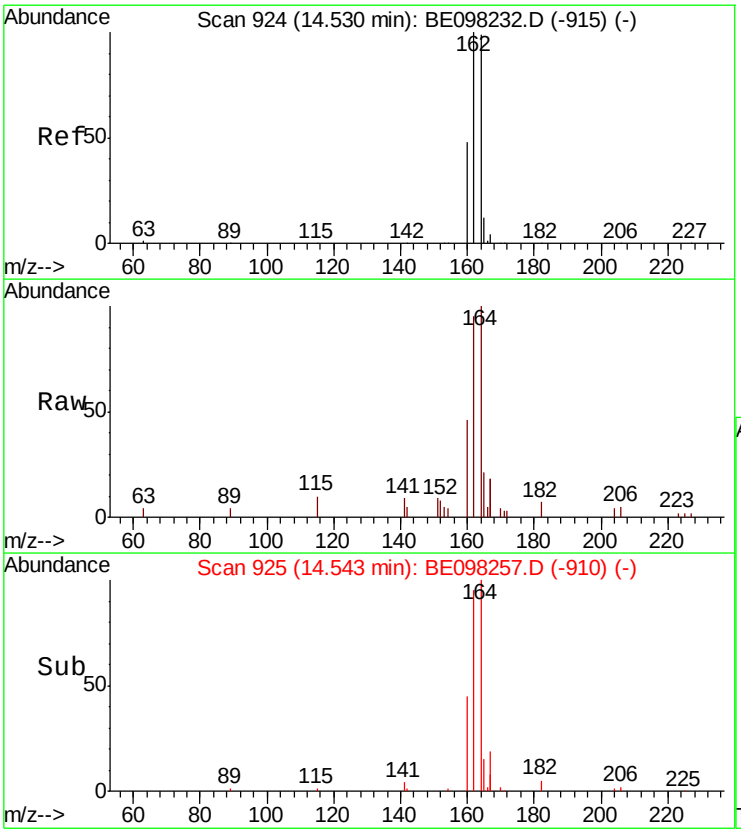
#12
2-Methylnaphthalene
Concen: 0.145 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:142 Resp: 1858

Ion	Ratio	Lower	Upper
142	100		
141	83.7	76.3	114.5
115	45.2	35.8	53.8

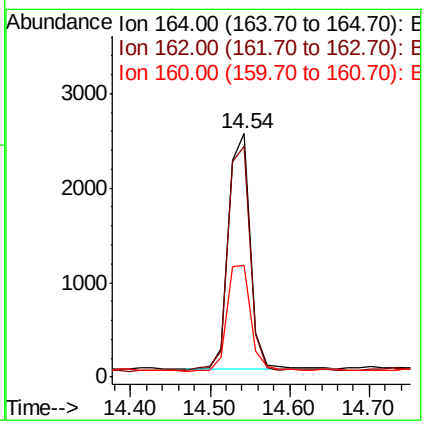


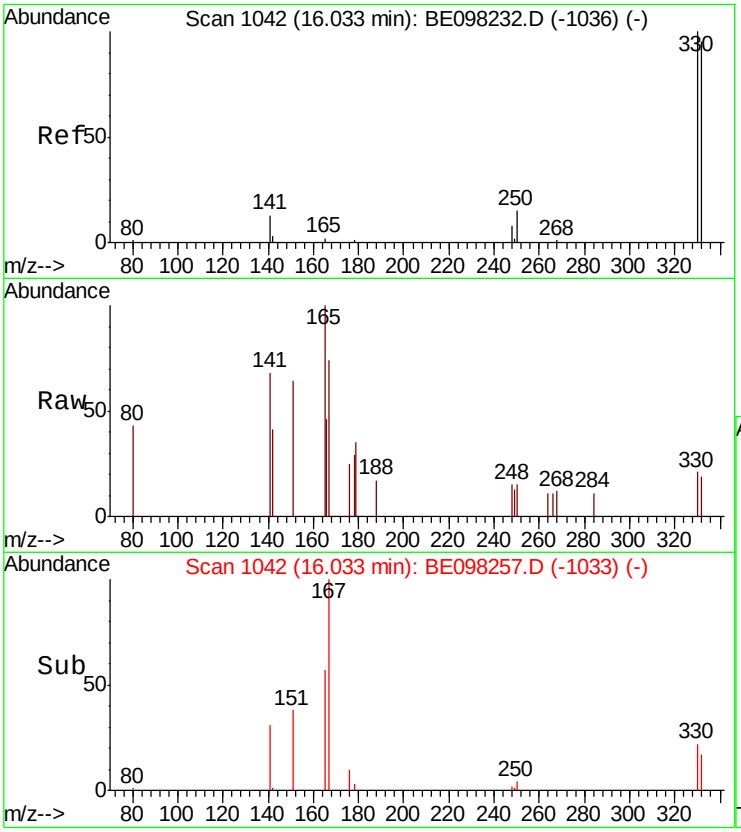


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:164 Resp: 4710

Ion	Ratio	Lower	Upper
164	100		
162	94.9	81.8	122.6
160	45.9	39.4	59.0



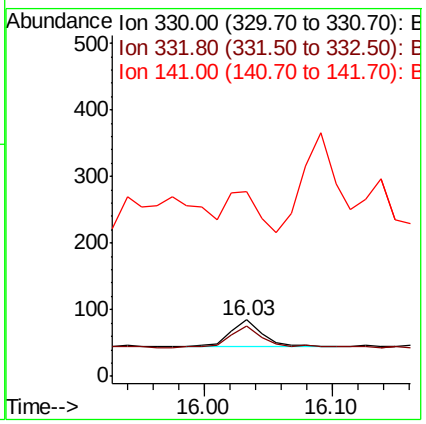


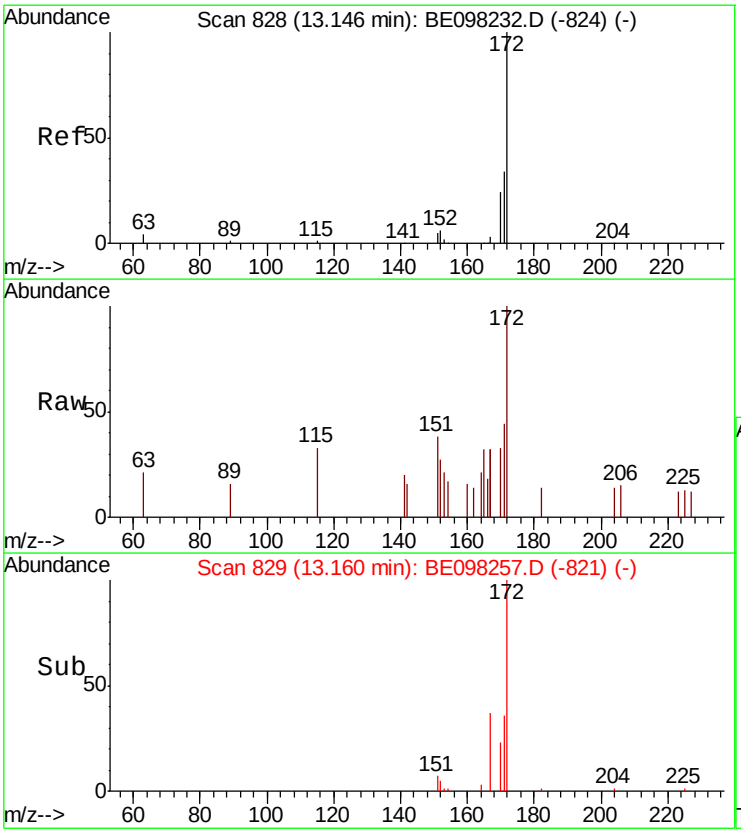
#14
2,4,6-Tribromophenol
Concen: 0.048 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:330 Resp: 73

Ion	Ratio	Lower	Upper
330	100		
332	84.9	77.7	116.5
141	138.4	33.6	50.4#

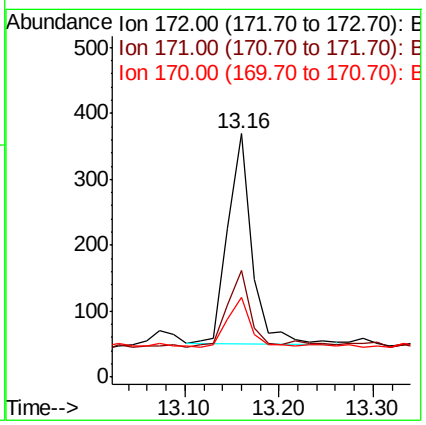


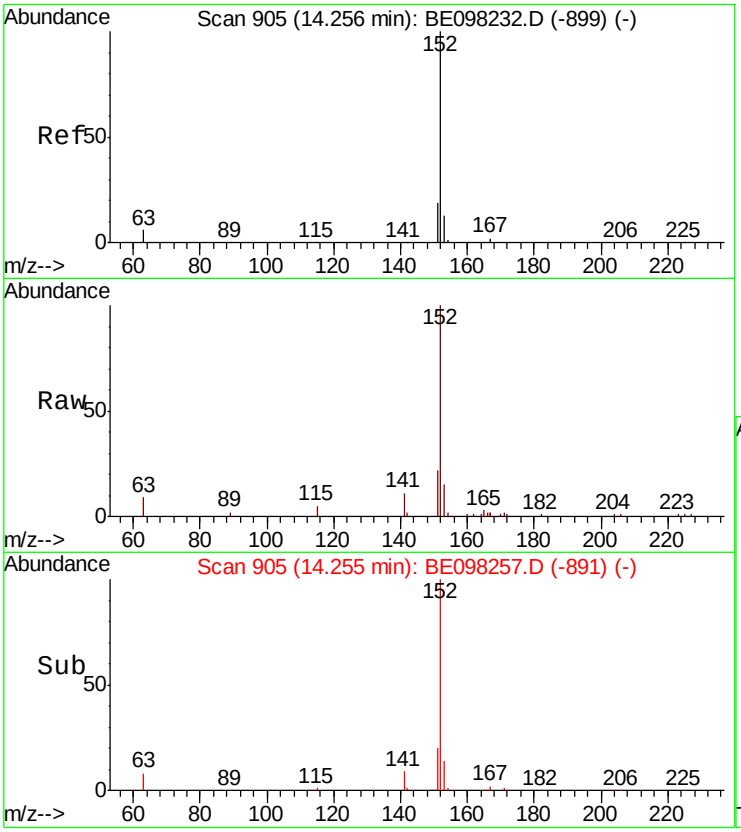


#15
2-Fluorobiphenyl
Concen: 0.028 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:172 Resp: 568

Ion	Ratio	Lower	Upper
172	100		
171	43.6	27.3	40.9#
170	32.8	19.4	29.0#



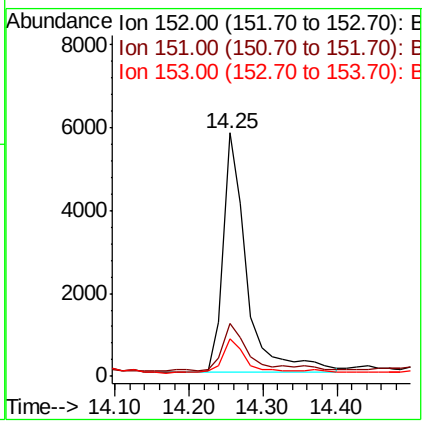


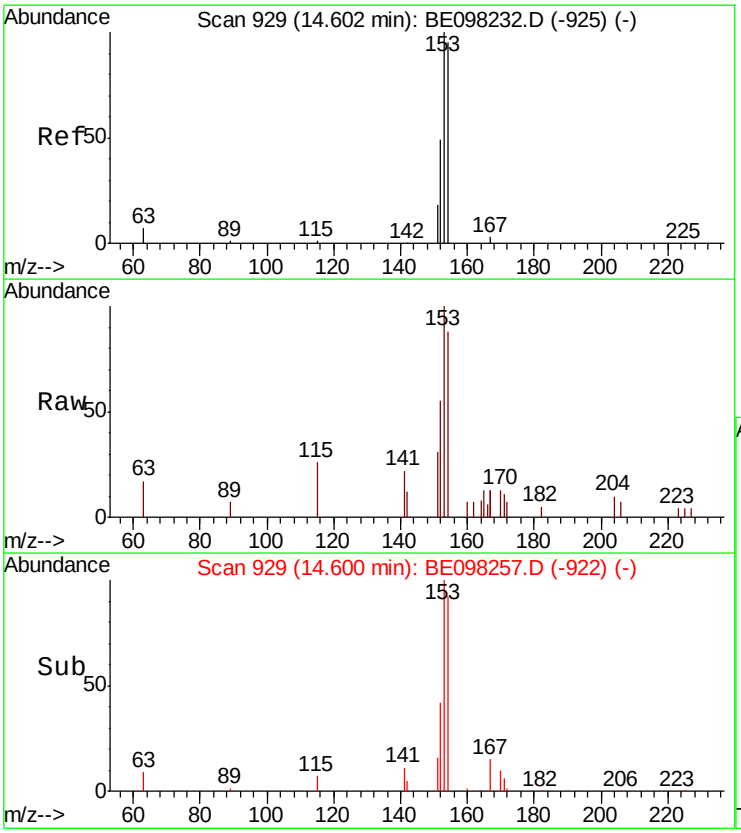
#16
Acenaphthylene
Concen: 0.573 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:152 Resp: 12838

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.4	24.6
153	14.0	10.6	15.8

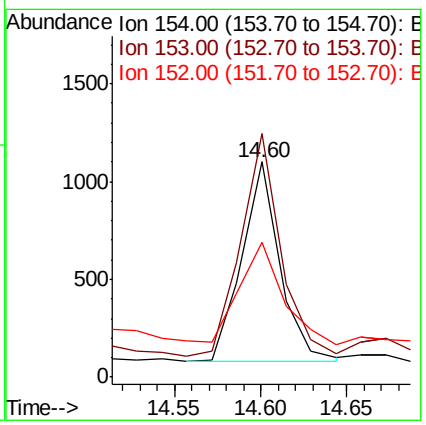


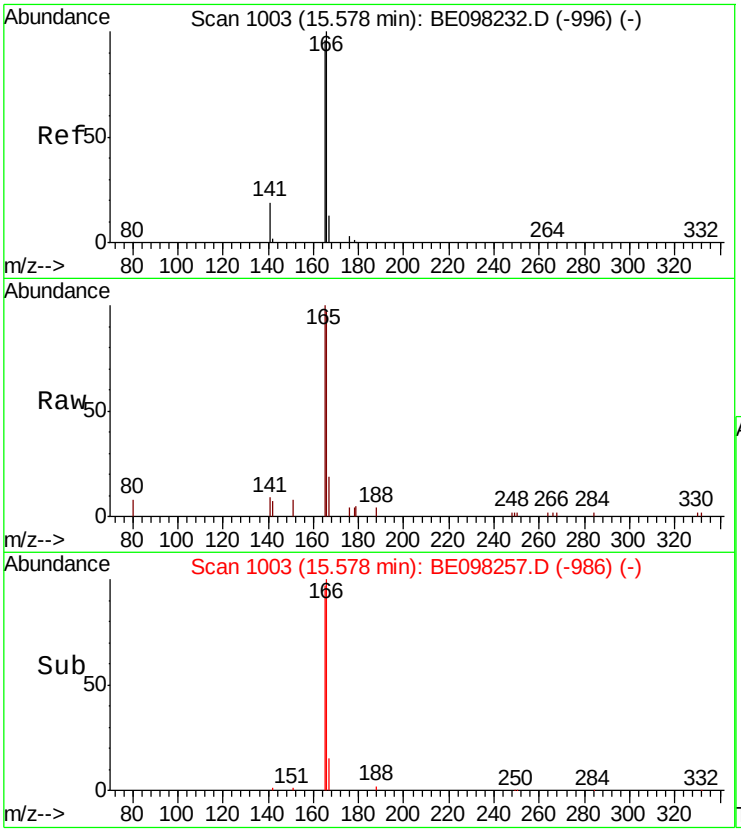


#17
Acenaphthene
Concen: 0.116 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:154 Resp: 1559

Ion	Ratio	Lower	Upper
154	100		
153	118.0	92.1	138.1
152	60.1	46.2	69.2



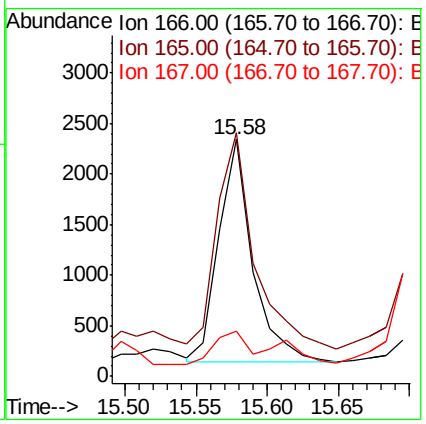


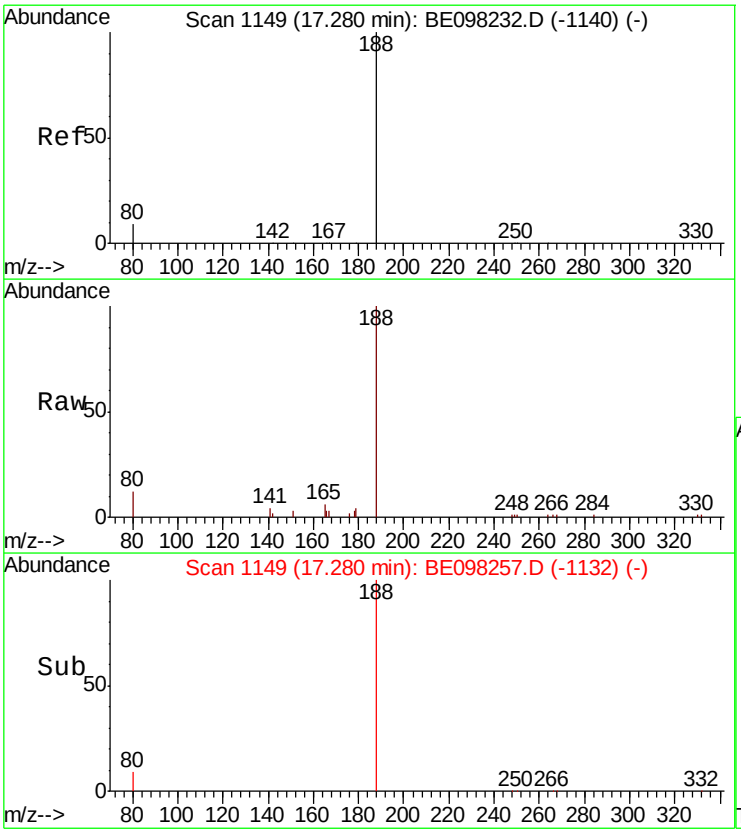
#18
Fluorene
Concen: 0.213 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:166 Resp: 3629

Ion	Ratio	Lower	Upper
166	100		
165	107.6	80.1	120.1
167	17.4	10.8	16.2#

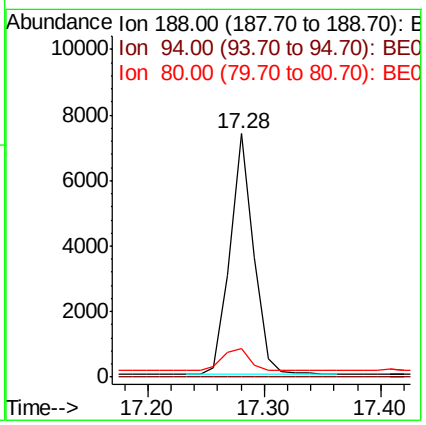


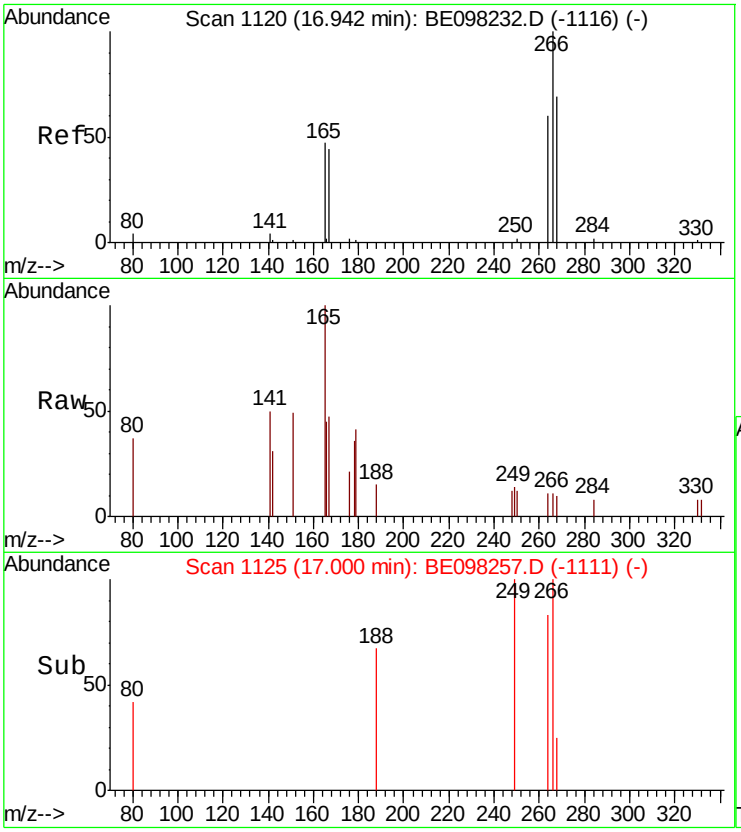


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:188 Resp: 10474

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	6.7	10.1#



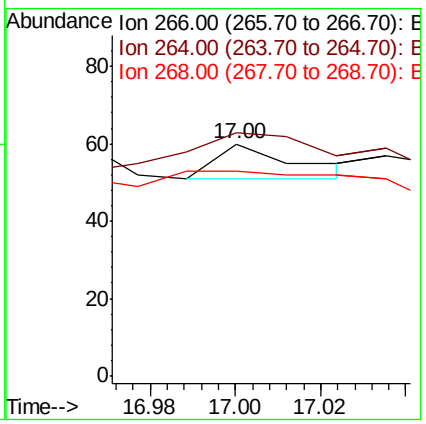


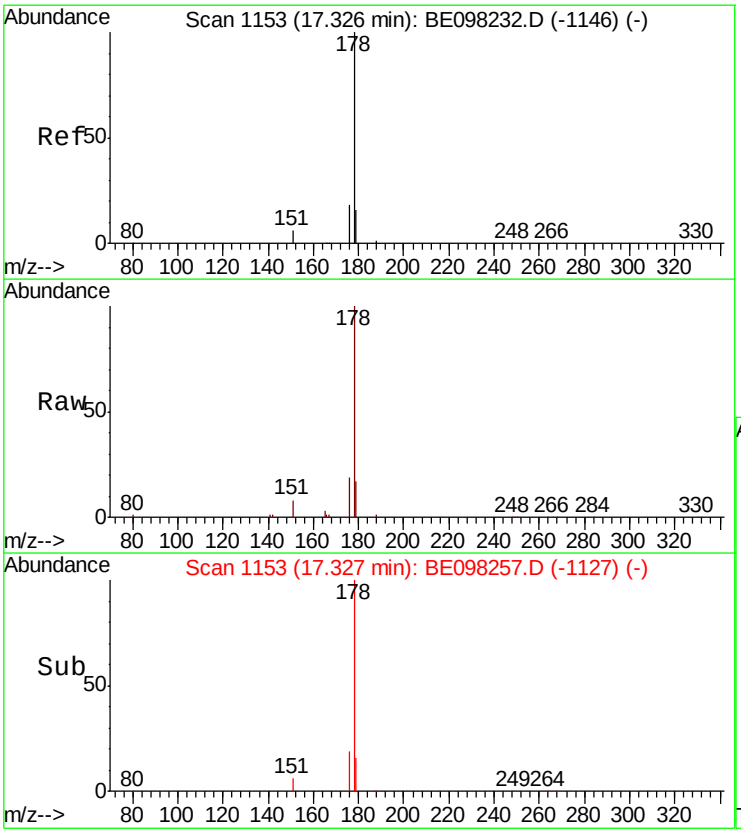
#22
Pentachlorophenol
Concen: 0.109 ng
RT: 17.00 min Scan# 1125
Delta R.T. 0.06 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	105.0	57.6	86.4#
268	88.3	56.8	85.2#

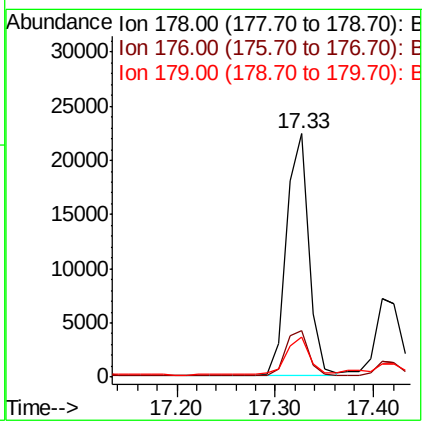


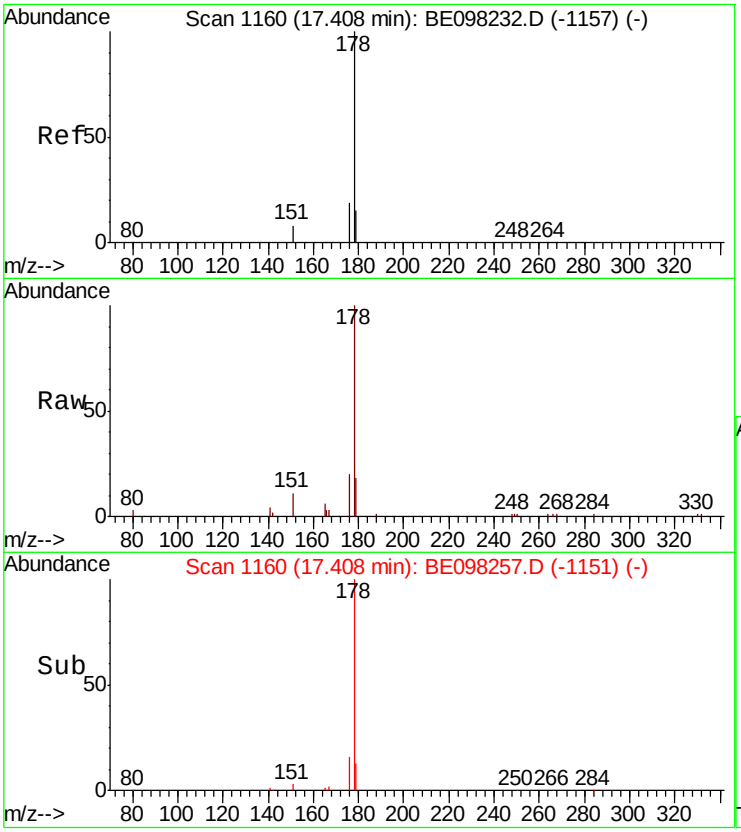


#23
Phenanthrene
Concen: 1.303 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:178 Resp: 35103

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.8	12.3	18.5



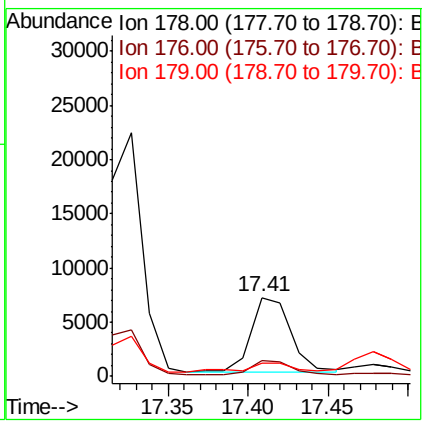


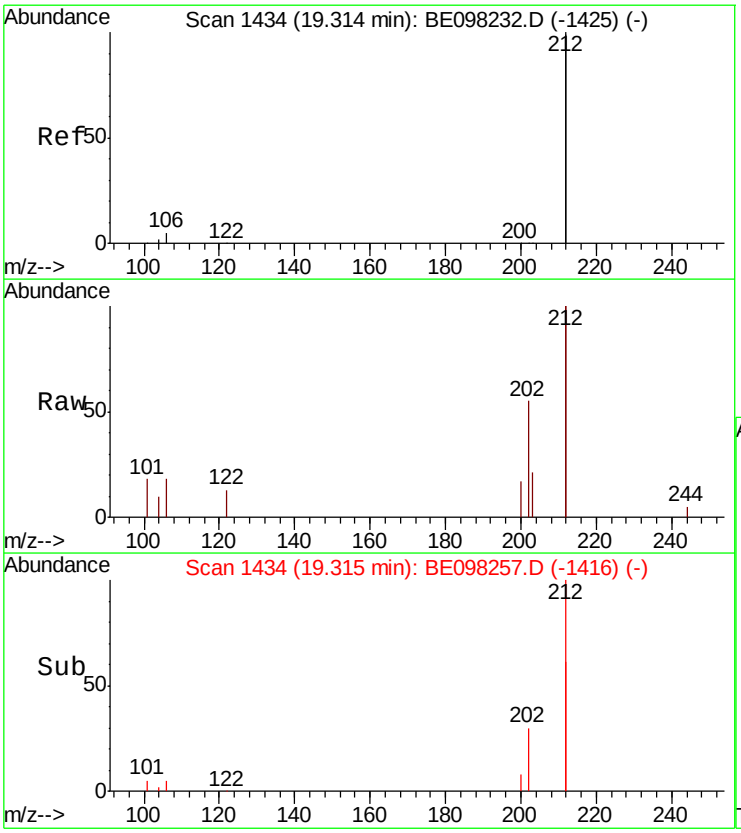
#24
Anthracene
Concen: 0.485 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:178 Resp: 11881

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	15.2	12.1	18.1

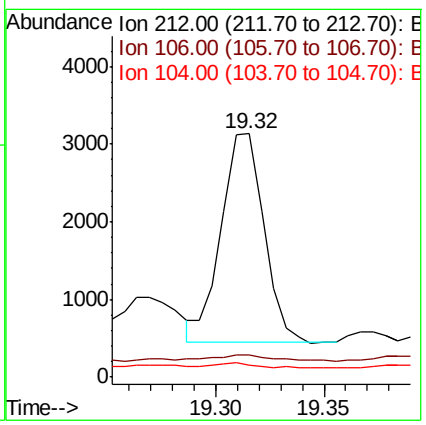


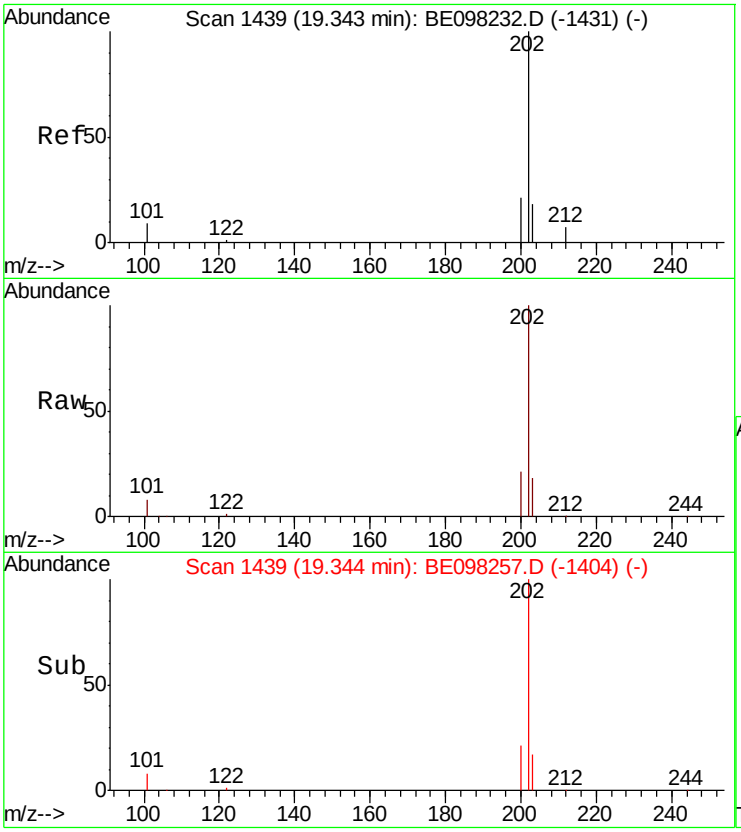


#25
Fluoranthene-d10
Concen: 0.029 ng
RT: 19.32 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:212 Resp: 3667

Ion	Ratio	Lower	Upper
212	100		
106	4.4	1.8	2.8#
104	2.1	1.1	1.7#



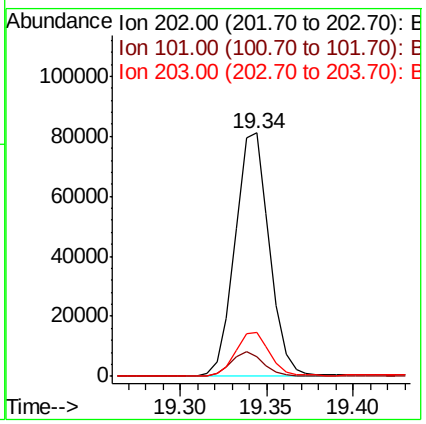


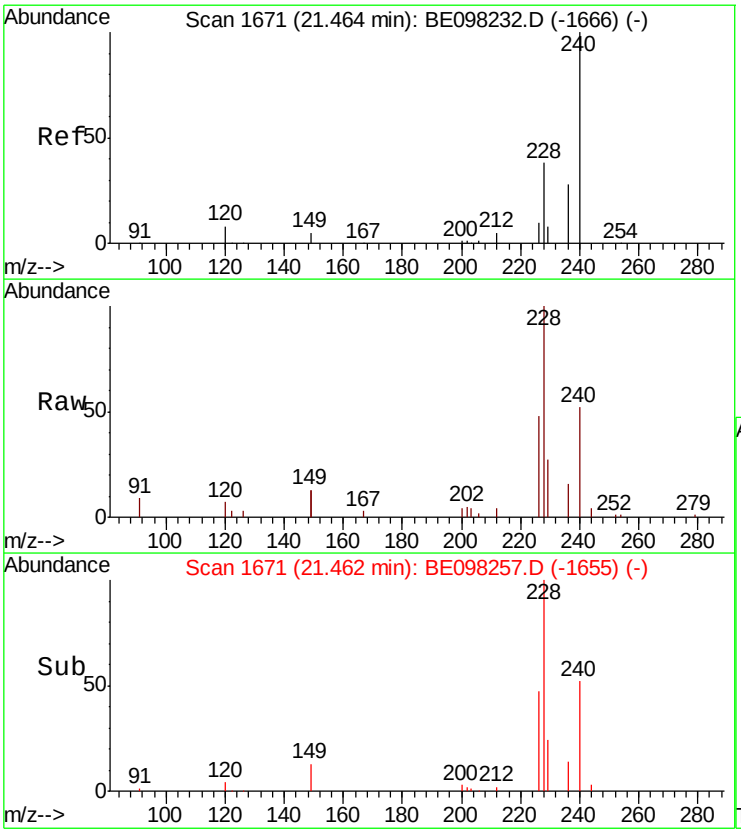
#26
Fluoranthene
Concen: 3.437 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:202 Resp: 111159

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.0	10.6
203	17.5	13.7	20.5

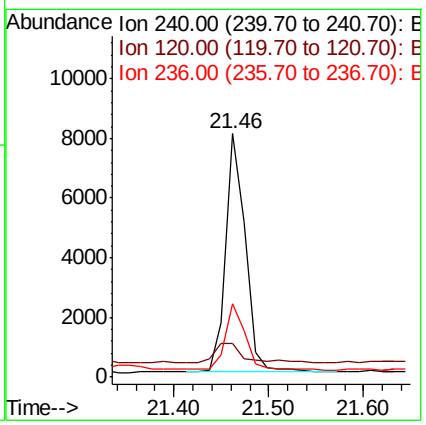


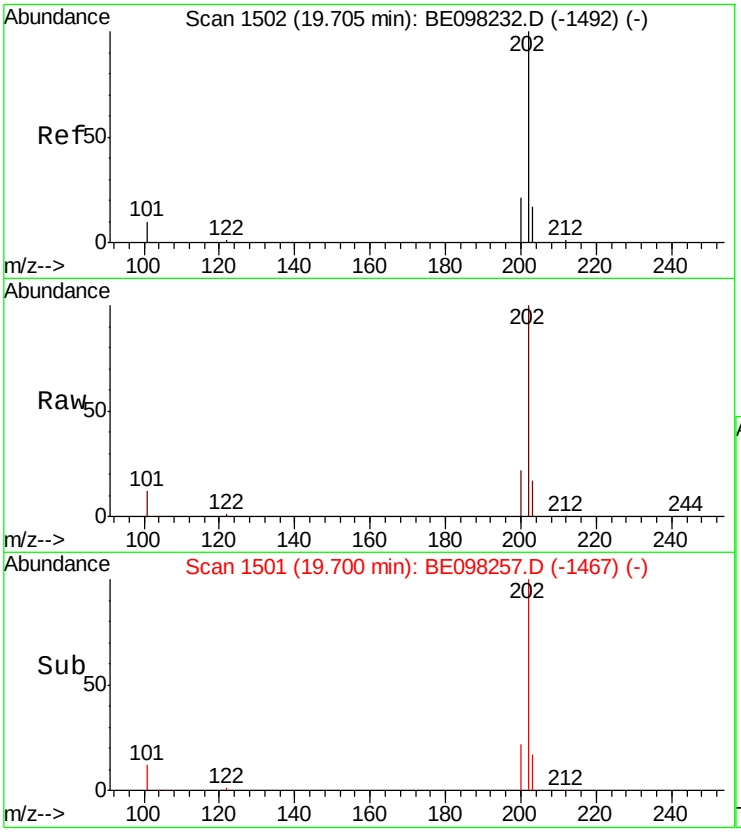


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:240 Resp: 11583

Ion	Ratio	Lower	Upper
240	100		
120	13.9	4.8	7.2#
236	29.9	21.4	32.0



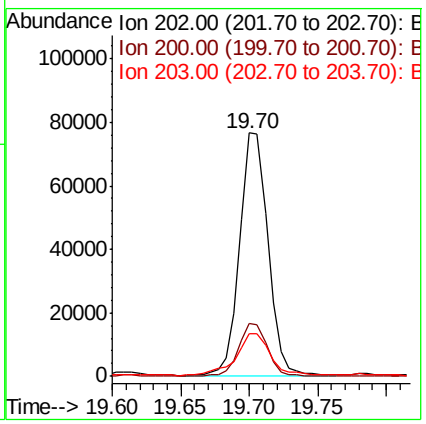


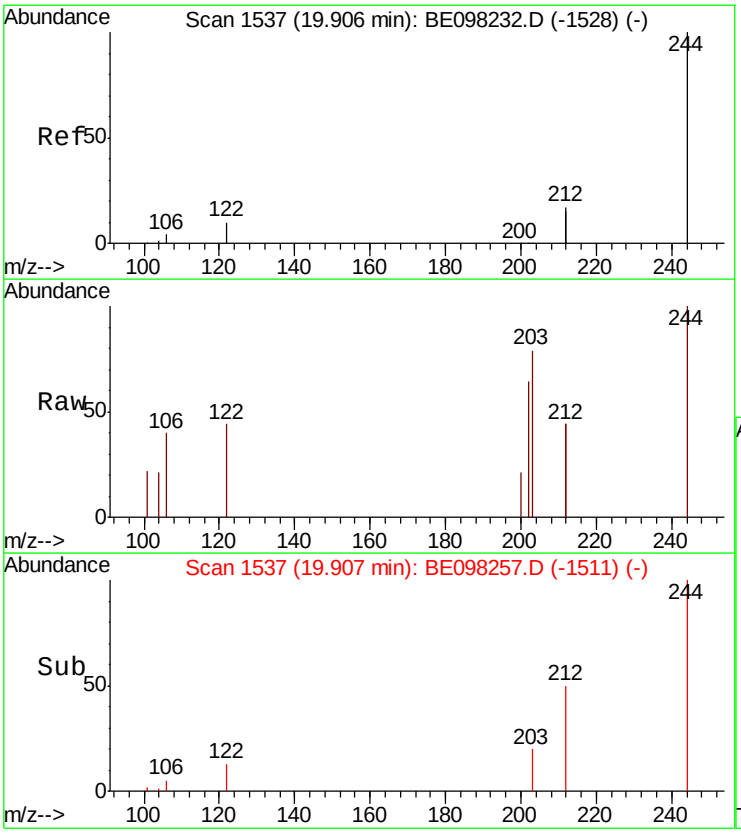
#28
Pyrene
Concen: 3.232 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:202 Resp: 109421

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	20.5	14.2	21.4

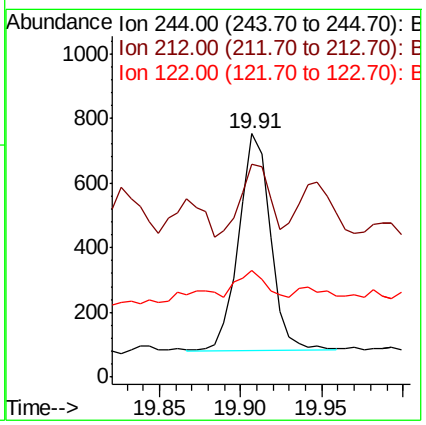


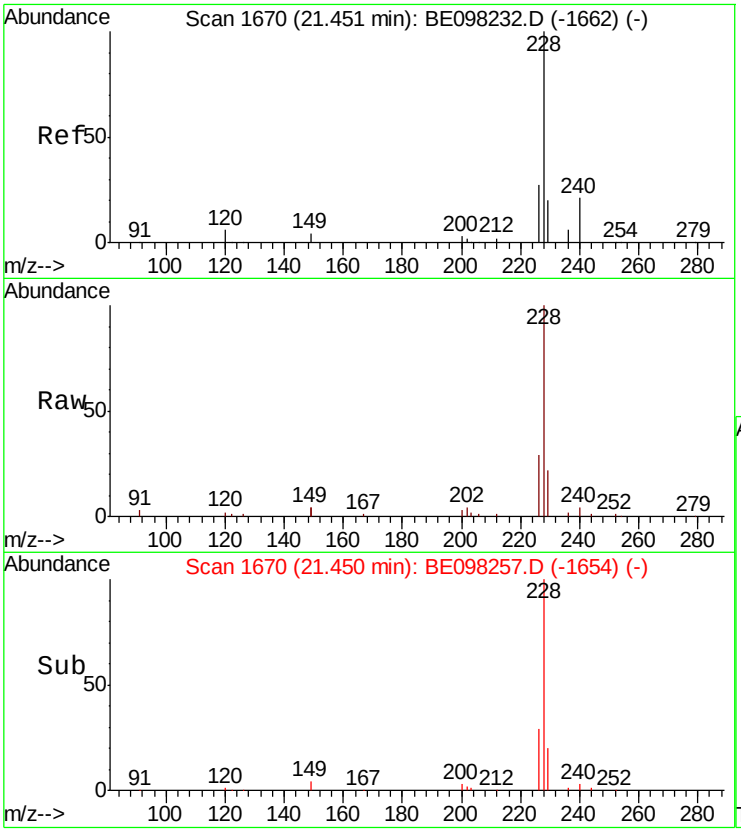


#29
Terphenyl-d14
Concen: 0.034 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:244 Resp: 914

Ion	Ratio	Lower	Upper
244	100		
212	87.4	26.8	40.2#
122	43.7	7.0	10.6#



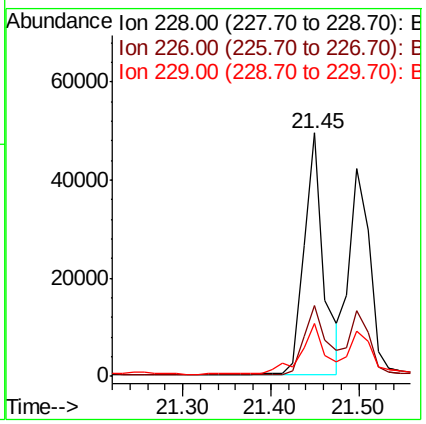


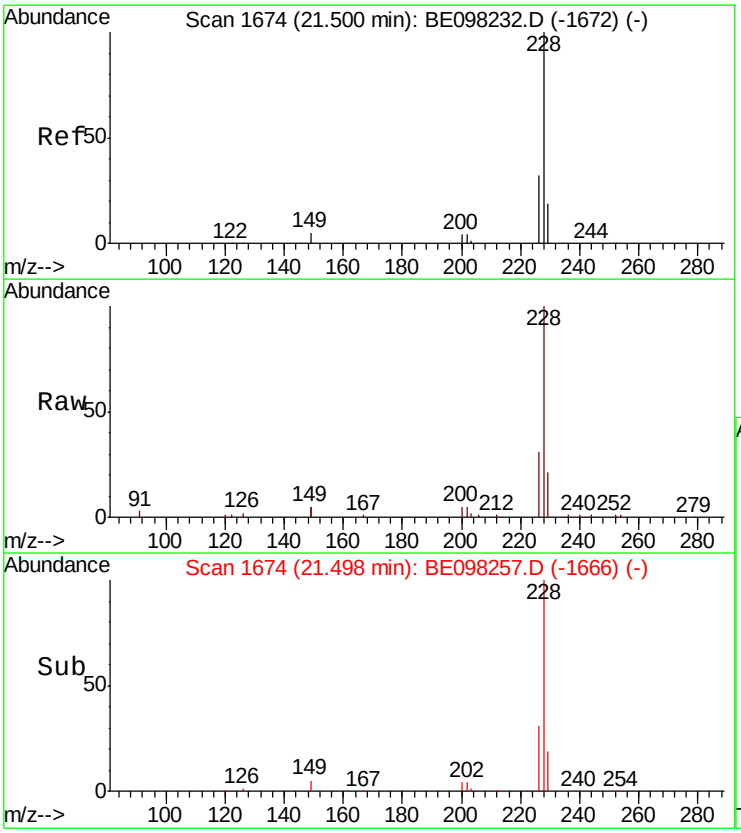
#30
Benzo(a)anthracene
Concen: 2.288 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:228 Resp: 76671

Ion	Ratio	Lower	Upper
228	100		
226	29.3	20.7	31.1
229	21.7	16.2	24.4

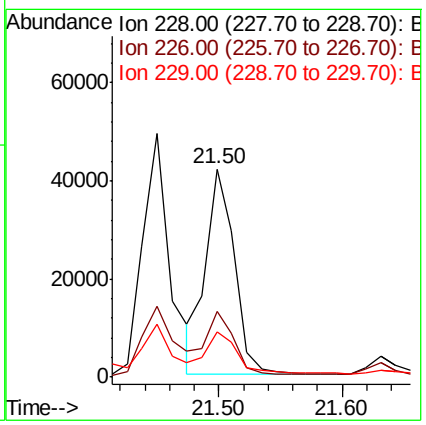


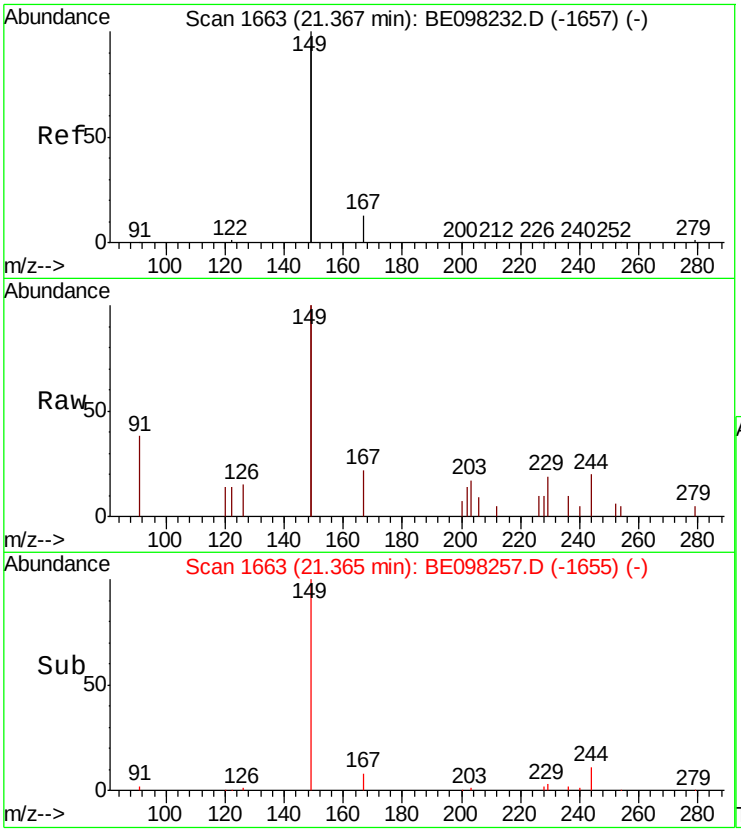


#31
Chrysene
Concen: 1.959 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:228 Resp: 67549

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	36.8
229	21.5	16.0	24.0



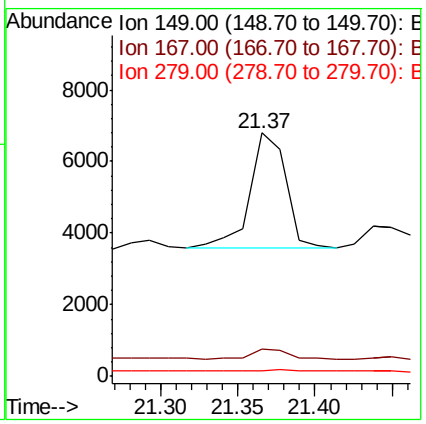


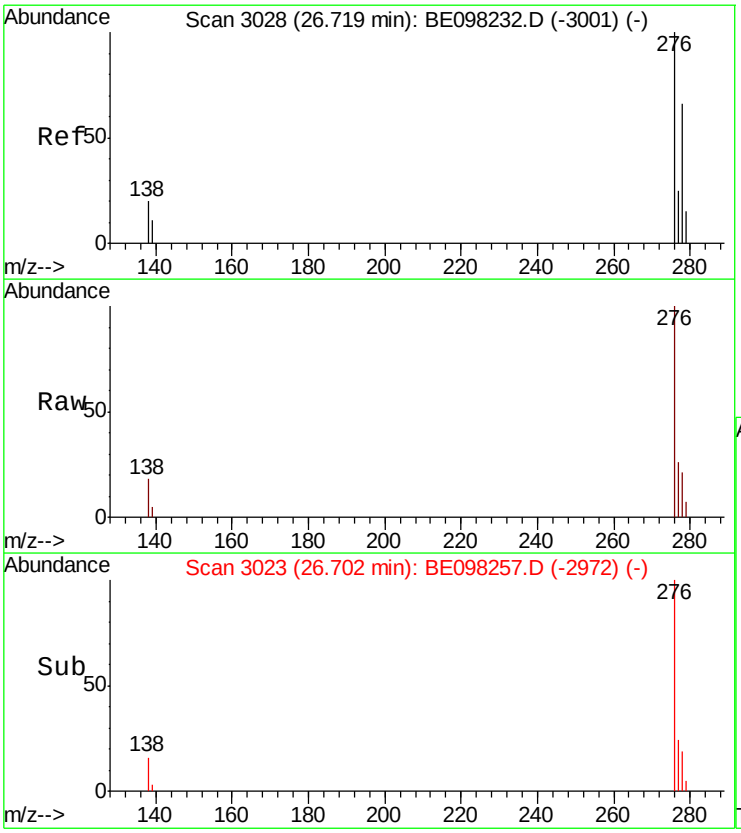
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.100 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:149 Resp: 5246

Ion	Ratio	Lower	Upper
149	100		
167	8.9	5.6	8.4#
279	2.3	0.9	1.3#

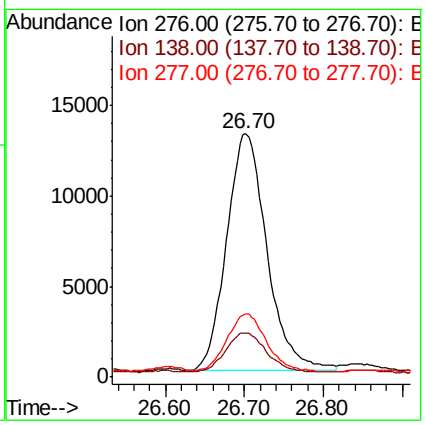


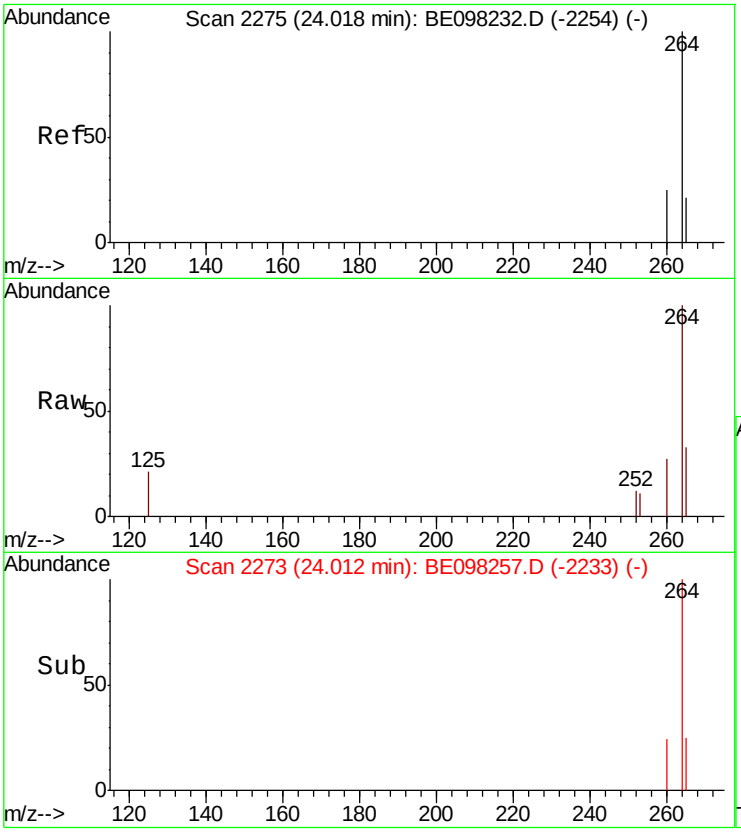


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.568 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.02 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:276 Resp: 46284

Ion	Ratio	Lower	Upper
276	100		
138	16.8	6.4	9.6#
277	23.8	18.9	28.3



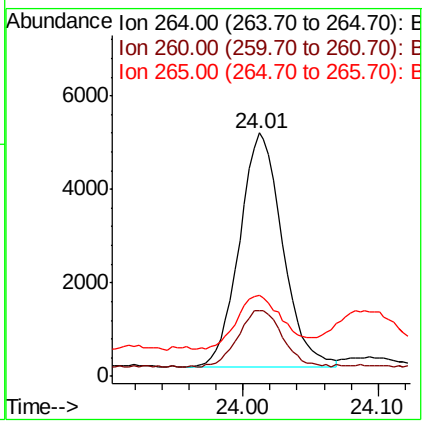


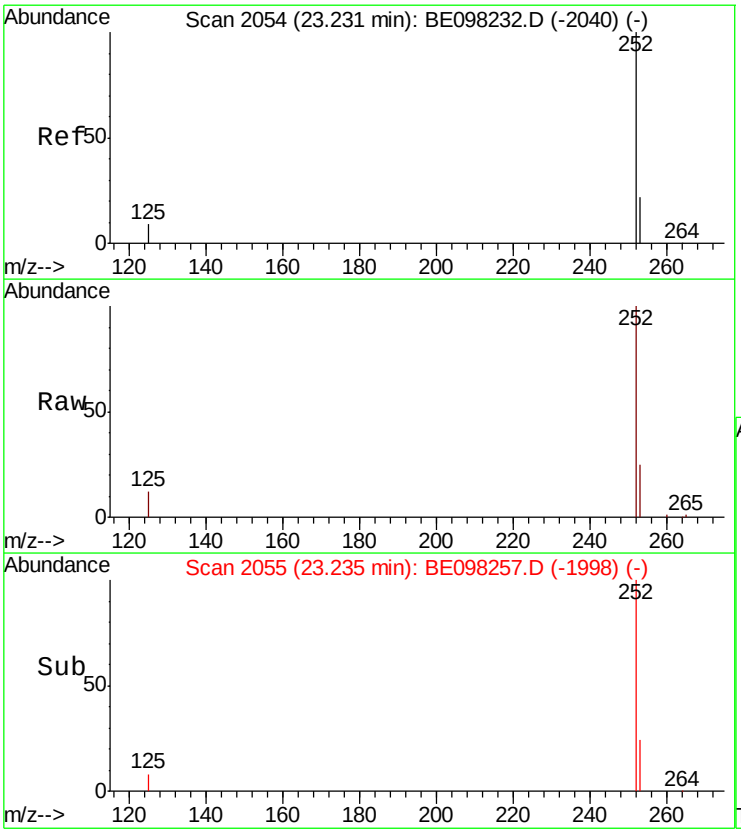
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:264 Resp: 11131

Ion	Ratio	Lower	Upper
264	100		
260	27.1	19.9	29.9
265	33.2	21.3	31.9#

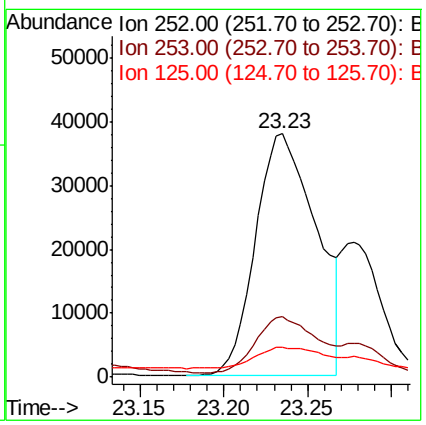


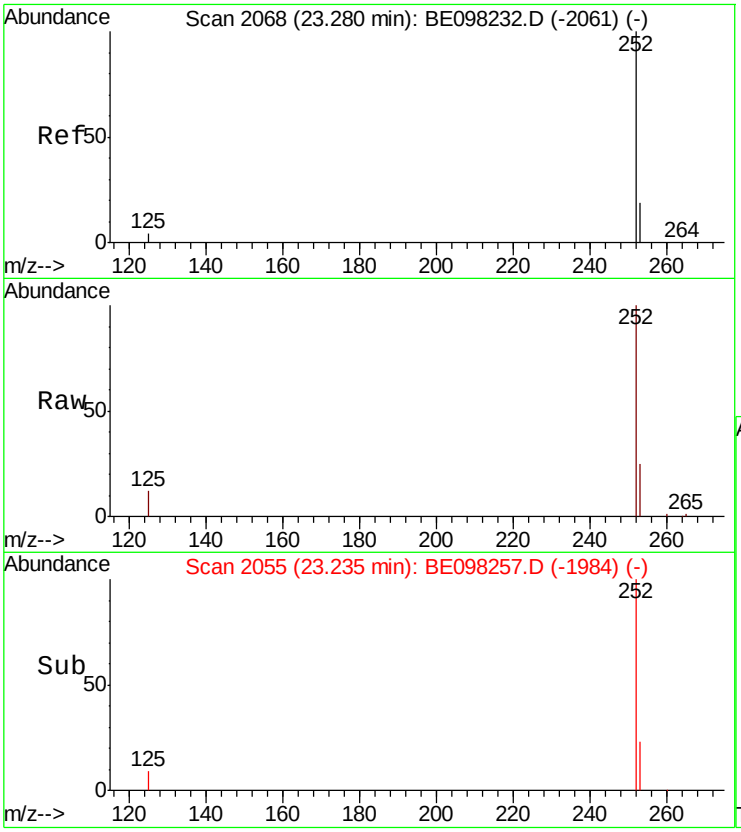


#35
Benzo(b)fluoranthene
Concen: 3.039 ng
RT: 23.23 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:252 Resp: 95533

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.0
125	12.3	8.6	12.8



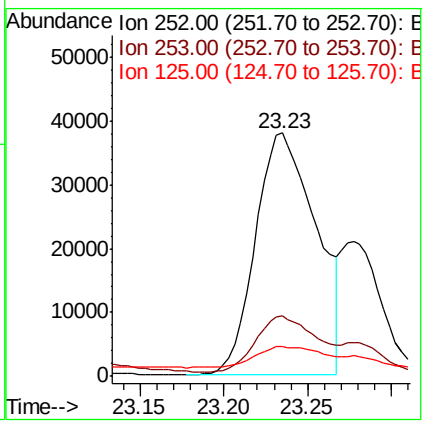


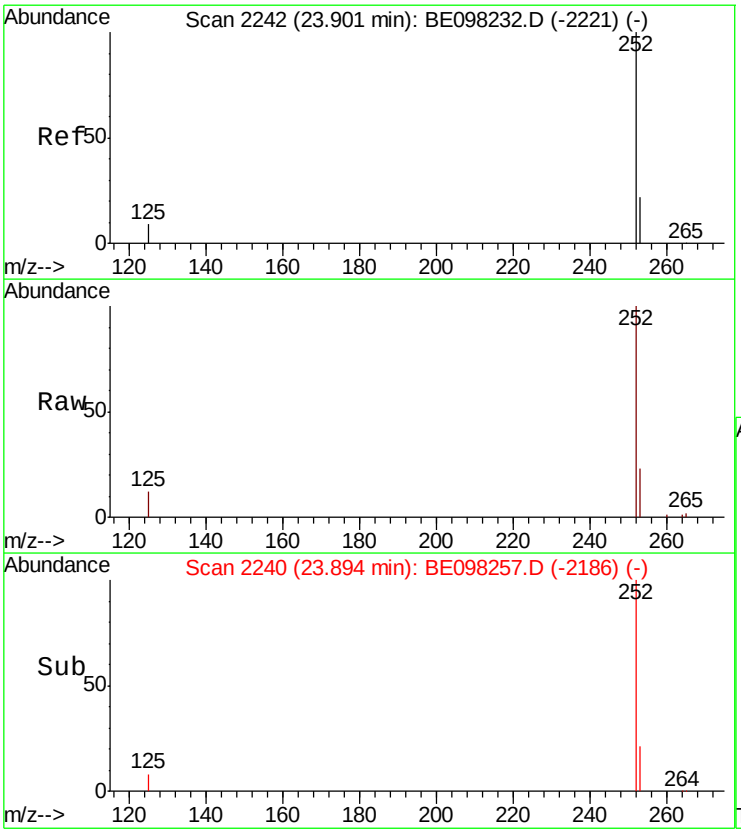
#36
Benzo(k)fluoranthene
Concen: 2.691 ng
RT: 23.23 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:252 Resp: 95533

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.6	28.0
125	12.3	7.4	11.0#

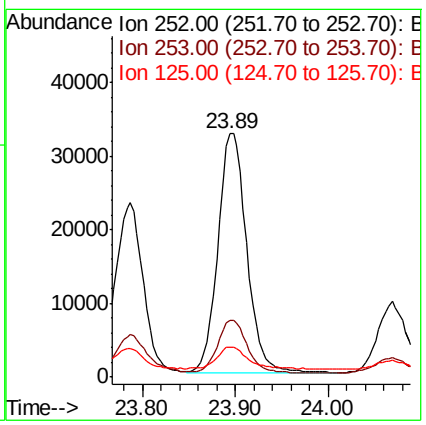


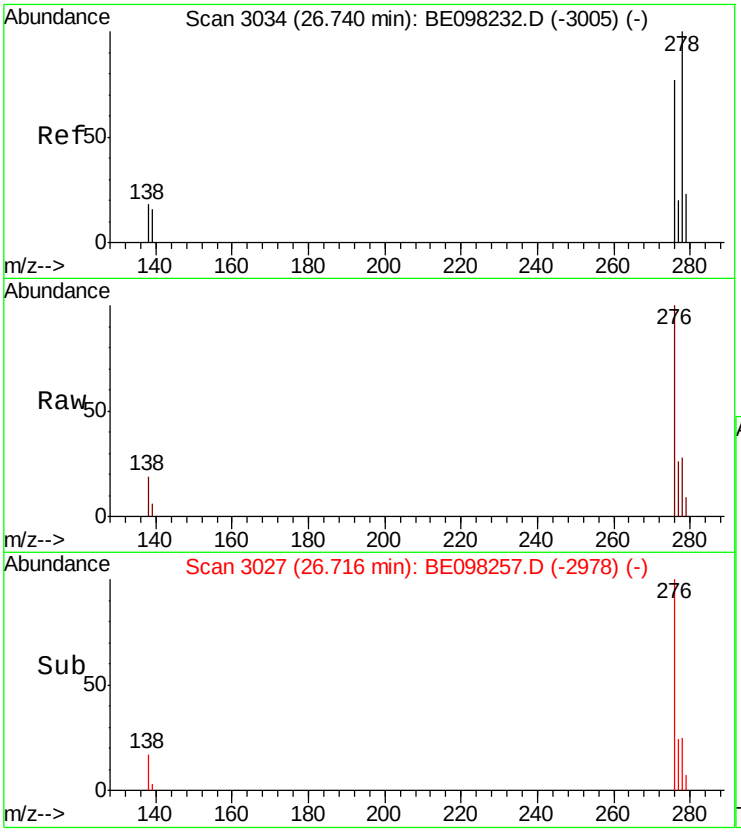


#37
Benzo(a)pyrene
Concen: 2.263 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:252 Resp: 69854

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	12.4	8.0	12.0#



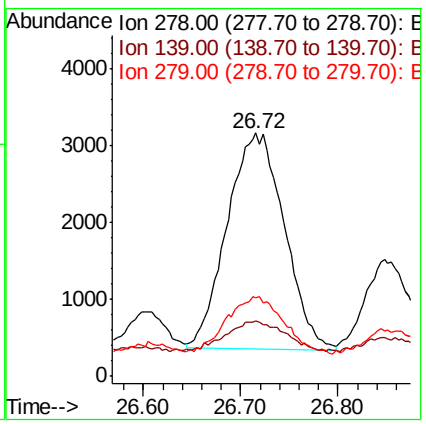


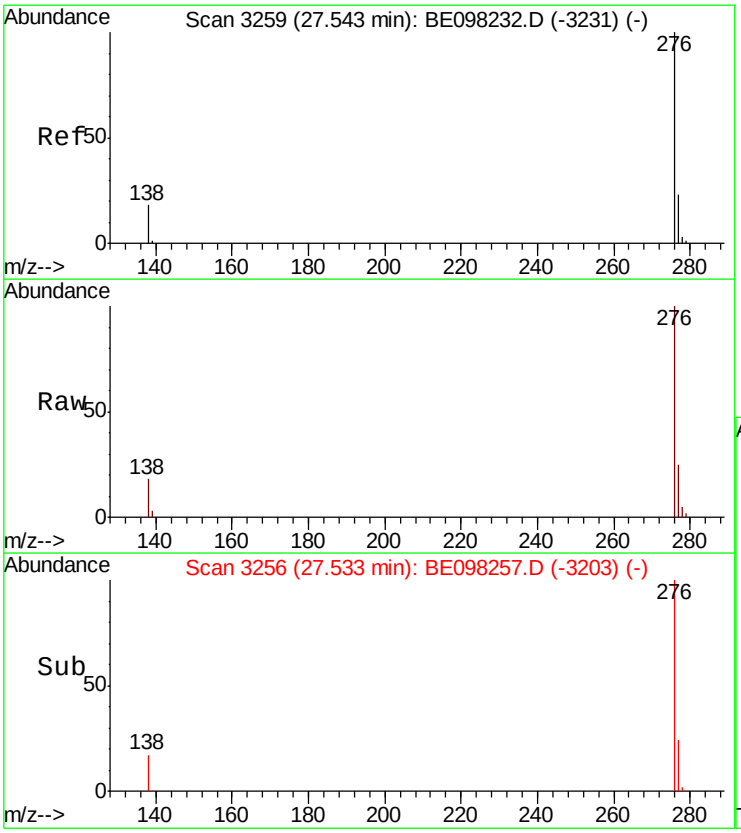
#38
Dibenzo(a,h)anthracene
Concen: 0.461 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.02 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-A

Tgt Ion:278 Resp: 11400

Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.4	24.6
279	32.4	21.3	31.9#





#39
Benzo(g,h,i)perylene
Concen: 1.717 ng
RT: 27.53 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BE098257.D
Acq: 21 Nov 2018 11:35

Tgt Ion:276 Resp: 45751

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.4	30.6
138	18.4	13.2	19.8