Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112118\
Data File : BE098261.D
Acq On : 21 Nov 2018 14:01
Operator : SJ/JU
Sample : J5996-08 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : AOC8-04A

Quant Time: Nov 22 00:02:00 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	7.86	152	1510	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	6984	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4309	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	10275	0.40	ng		0.00
27) Chrysene-d12	21.46	240	11160	0.40	ng		0.00
34) Perylene-d12	24.01	264	11174	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	151	0.04	ng		0.00
5) Phenol-d6	7.04	99	210	0.03	ng		0.00
8) Nitrobenzene-d5	9.03	82	178	0.03	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	296	0.02	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	57	0.04	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	453	0.02	ng		0.01
25) Fluoranthene-d10	19.31	212	2612	0.02	ng		0.00
29) Terphenyl-d14	19.91	244	555	0.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	110	0.046	ng	#	30
9) Naphthalene	10.72	128	4056	0.057	ng	#	95
12) 2-Methylnaphthalene	12.34	142	383	0.031	ng	#	95
16) Acenaphthylene	14.26	152	691	0.034	ng	#	95
22) Pentachlorophenol	16.92	266	10	0.108	ng	#	74
23) Phenanthrene	17.32	178	4276	0.162	ng		98
24) Anthracene	17.41	178	972	0.040	ng	#	92
26) Fluoranthene	19.34	202	13541	0.427	ng		98
28) Pyrene	19.70	202	12704	0.389	ng	#	96
30) Benzo(a)anthracene	21.45	228	9956	0.308	ng	#	85
31) Chrysene	21.50	228	8311	0.250	ng	#	89
32) Bis(2-ethylhexyl)phthalate	21.37	149	2393	0.048	ng	#	93
33) Indeno(1,2,3-cd)pyrene	26.70	276	5894	0.207	ng		99
35) Benzo(b)fluoranthene	23.23	252	12396	0.393	ng	#	78
36) Benzo(k)fluoranthene	23.23	252	12396	0.348	ng	#	76
37) Benzo(a)pyrene	23.89	252	9055	0.292	ng	#	80
38) Dibenzo(a,h)anthracene	26.72	278	1396	0.056	ng	#	16
39) Benzo(g,h,i)perylene	27.53	276	5762	0.215	ng	#	80

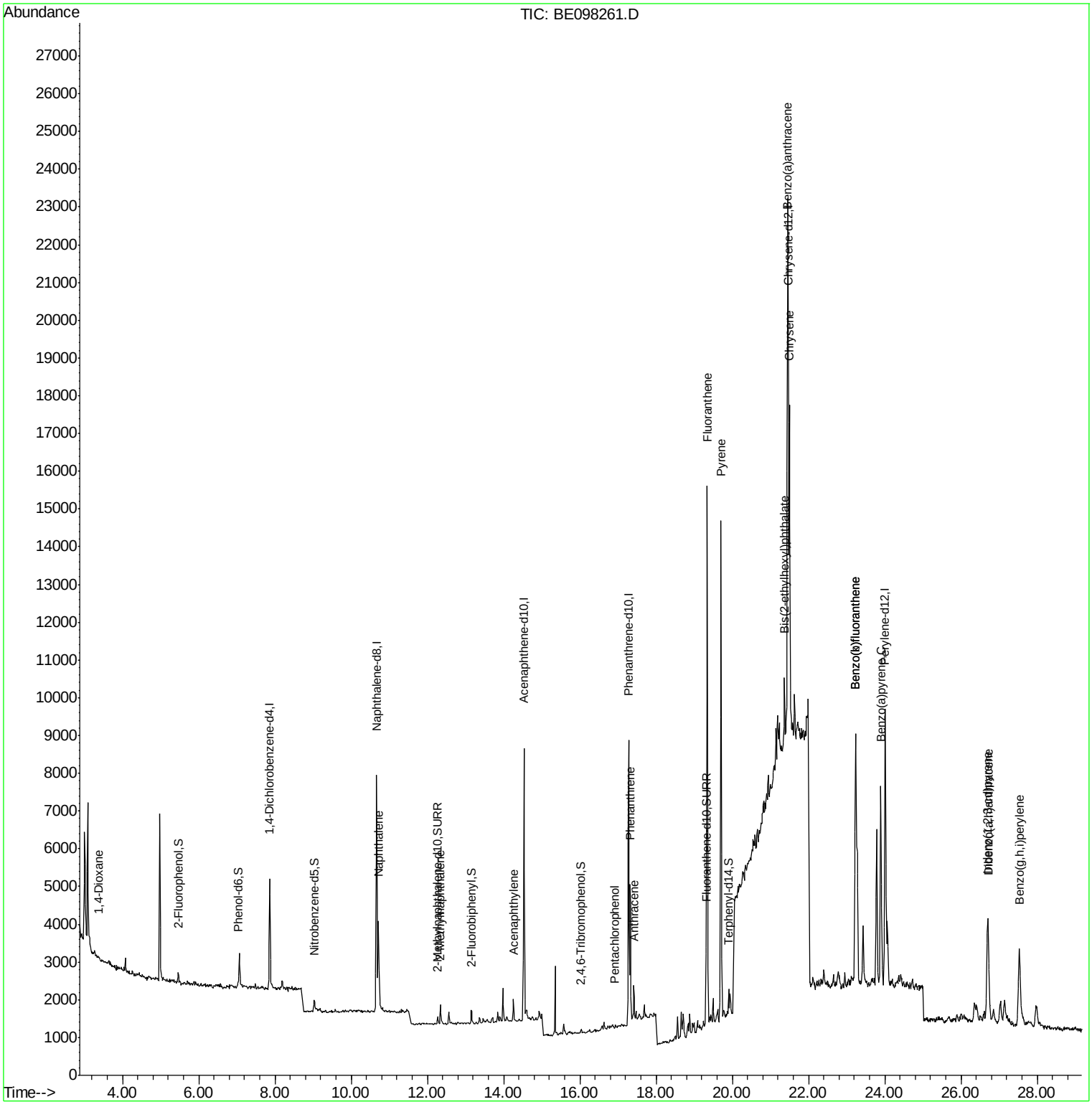
(#) = qualifier out of range (m) = manual integration (+) = signals summed

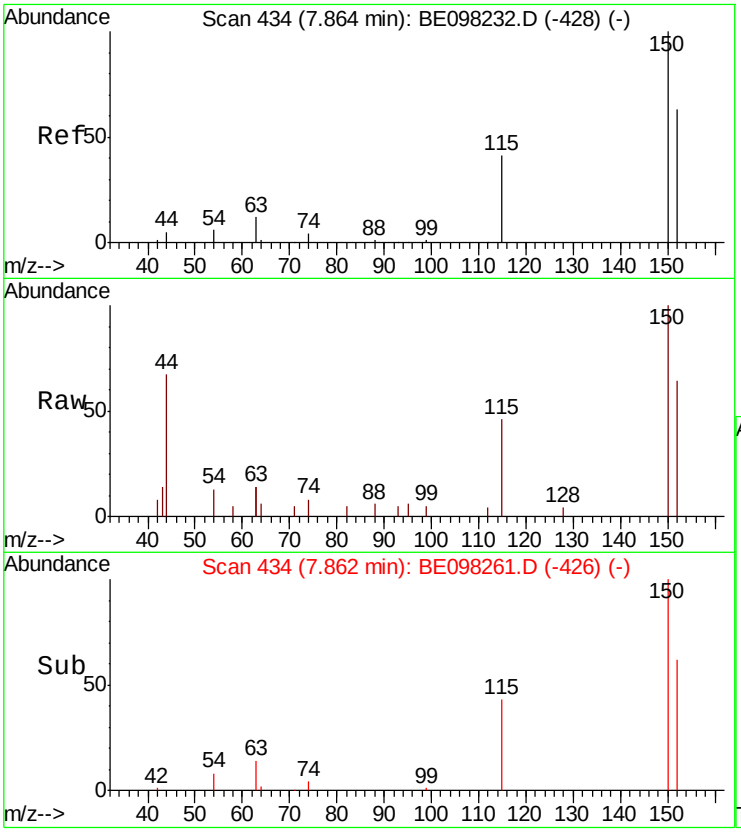
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112118\
Data File : BE098261.D
Acq On : 21 Nov 2018 14:01
Operator : SJ/JU
Sample : J5996-08 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Quant Time: Nov 22 00:02:00 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



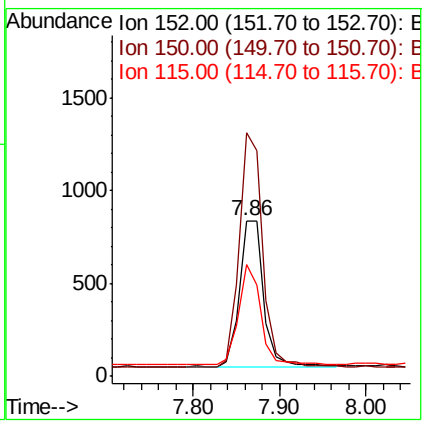


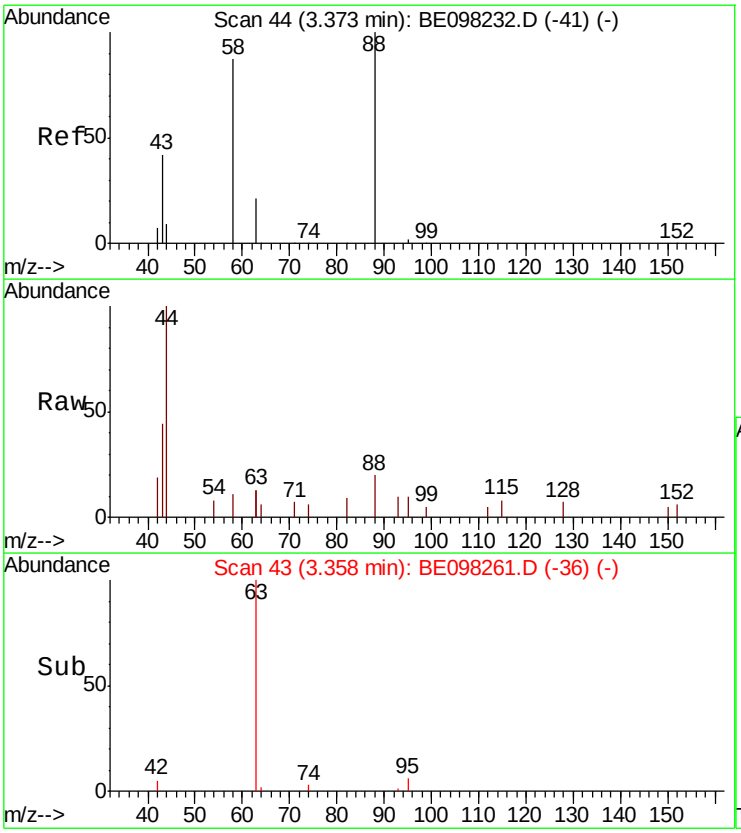
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:152 Resp: 1510

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.5	191.3
115	72.1	60.3	90.5

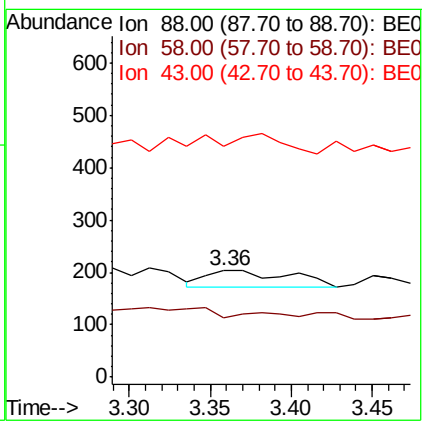


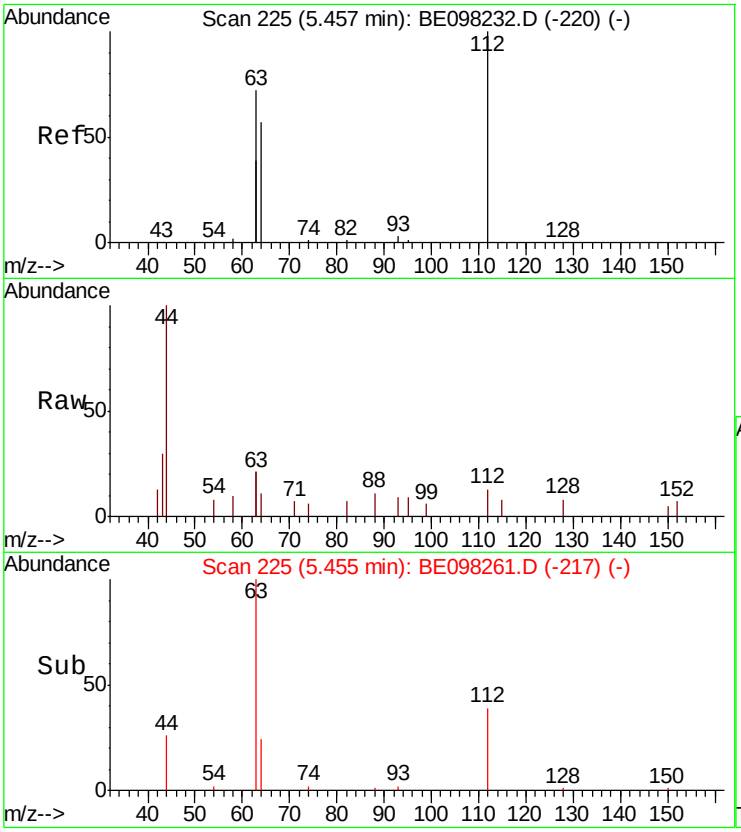


#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion: 88 Resp: 110

Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.0	118.4#
43	52.7	38.1	57.1



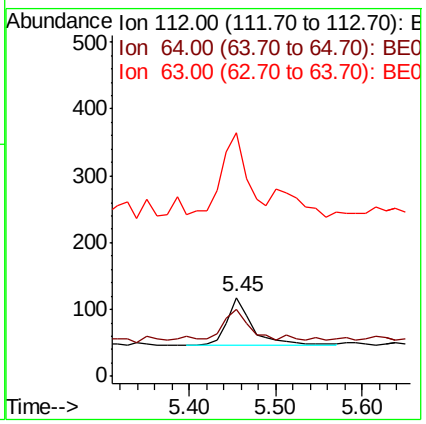


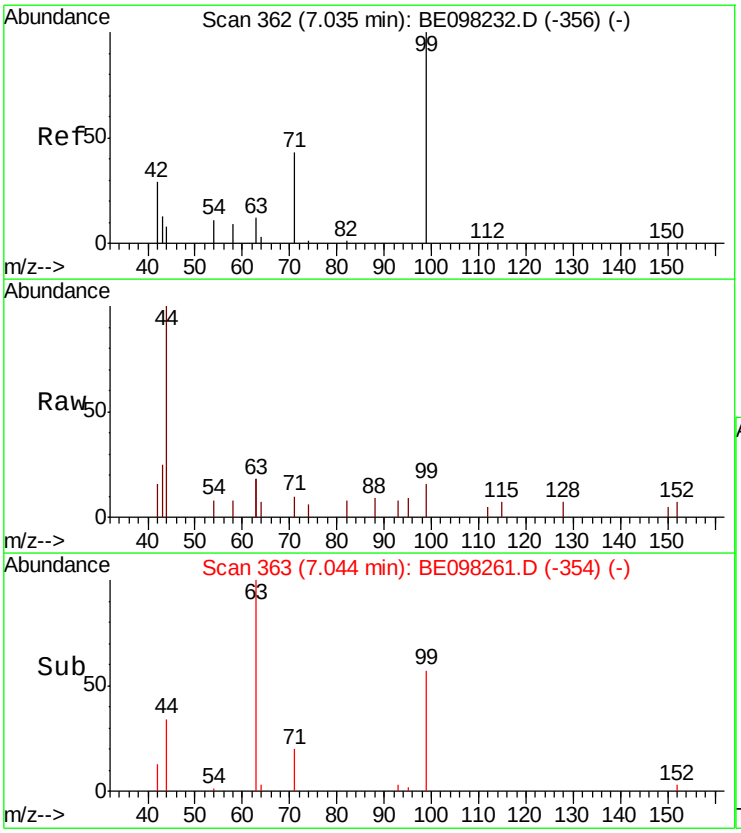
#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:112 Resp: 151

Ion	Ratio	Lower	Upper
112	100		
64	60.3	61.7	92.5#
63	156.3	136.2	204.2

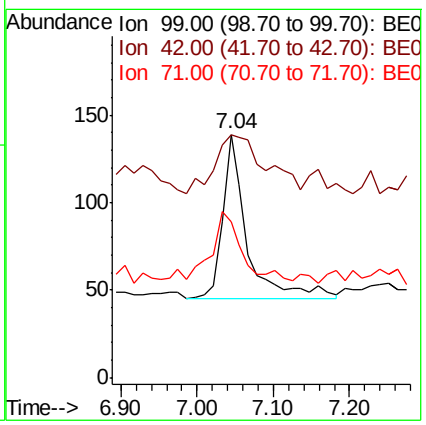


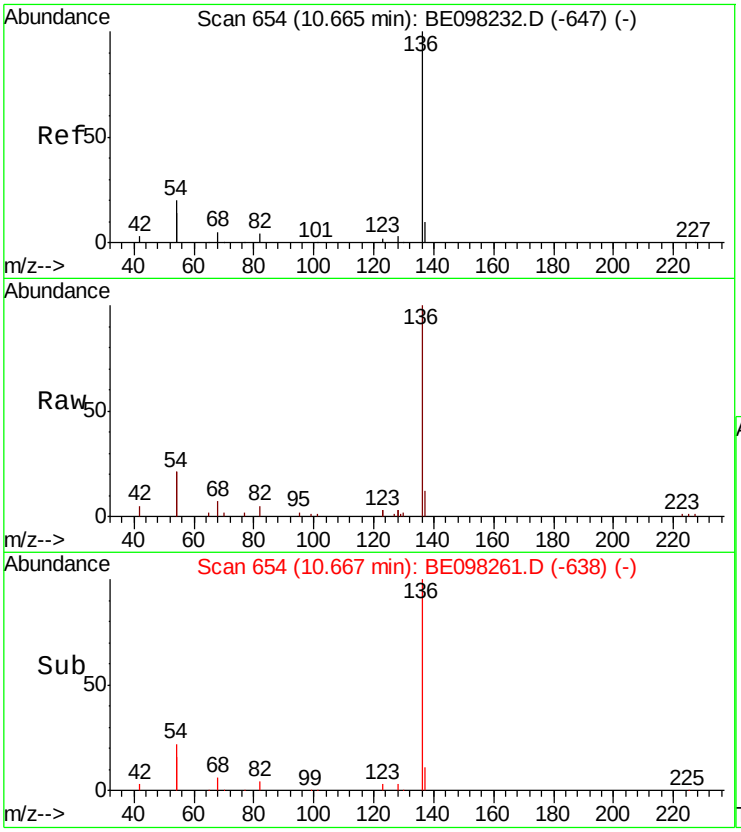


#5
Phenol-d6
Concen: 0.033 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion: 99 Resp: 210

Ion	Ratio	Lower	Upper
99	100		
42	73.8	27.1	40.7#
71	57.1	37.0	55.6#



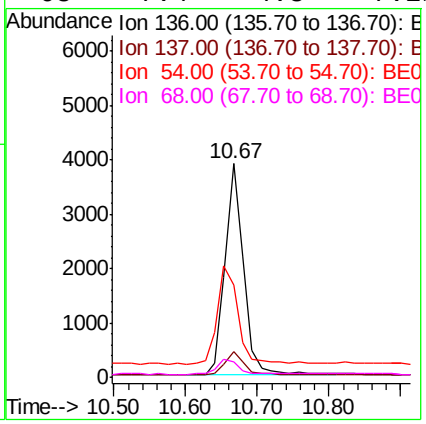


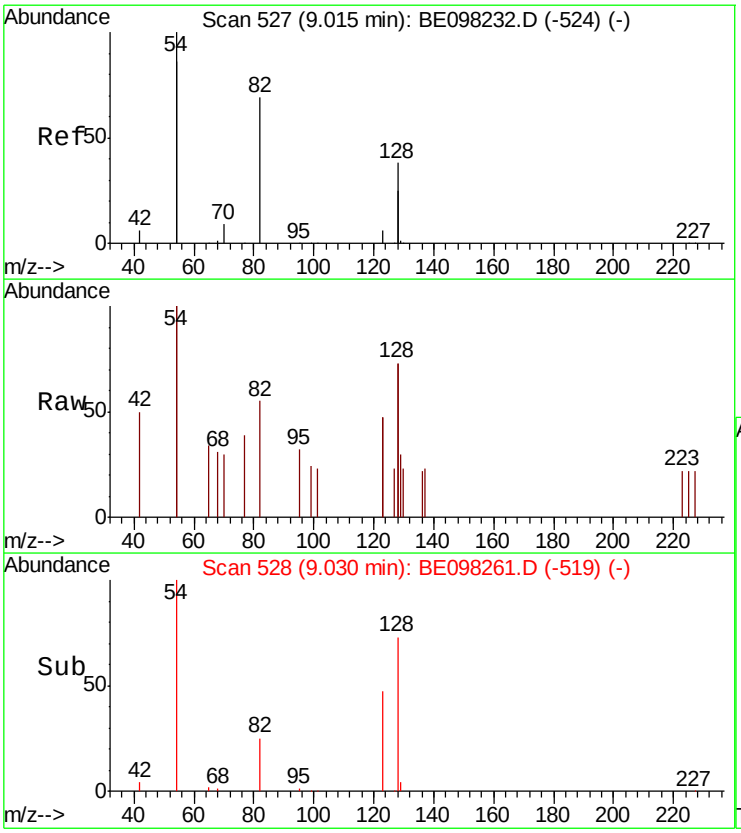
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:136 Resp: 6984

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	42.9	31.3	46.9
68	7.4	4.8	7.2#

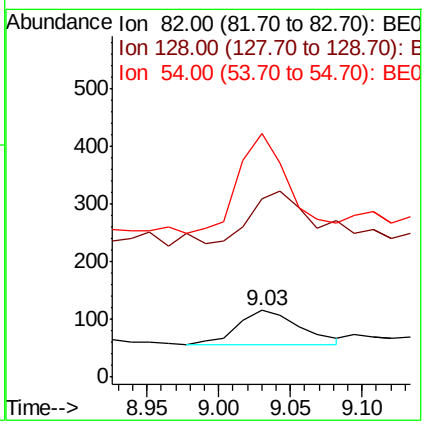


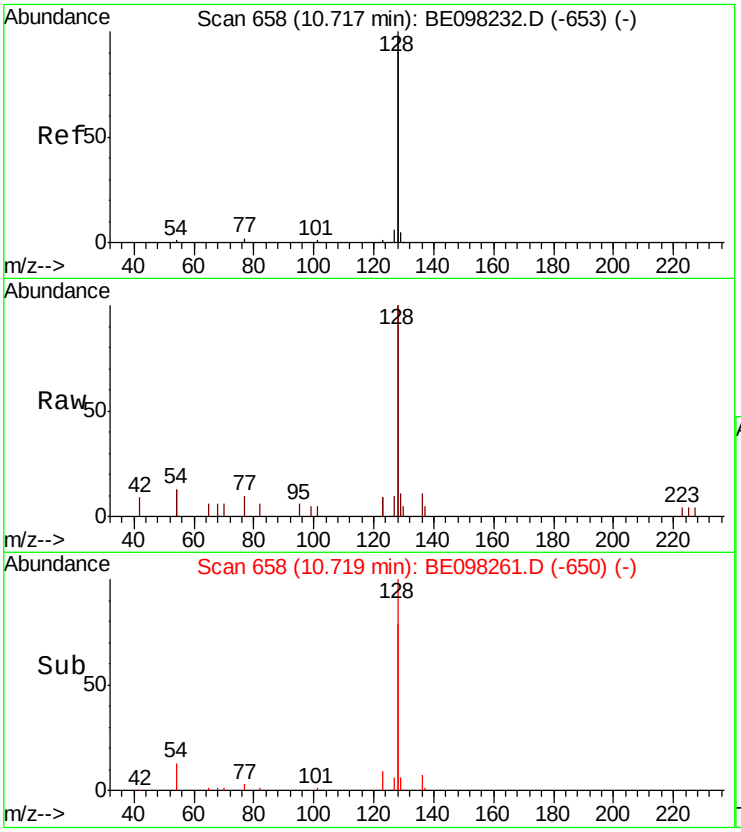


#8
Nitrobenzene-d5
Concen: 0.027 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion: 82 Resp: 178

Ion	Ratio	Lower	Upper
82	100		
128	267.8	96.1	144.1#
54	367.0	232.0	348.0#



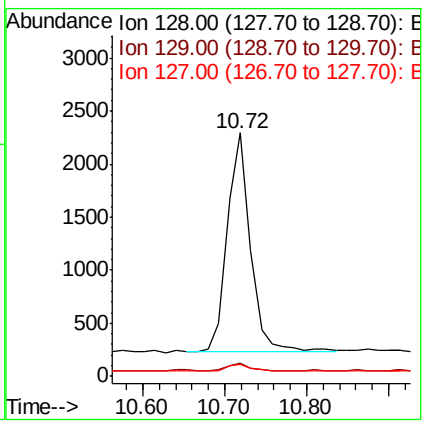


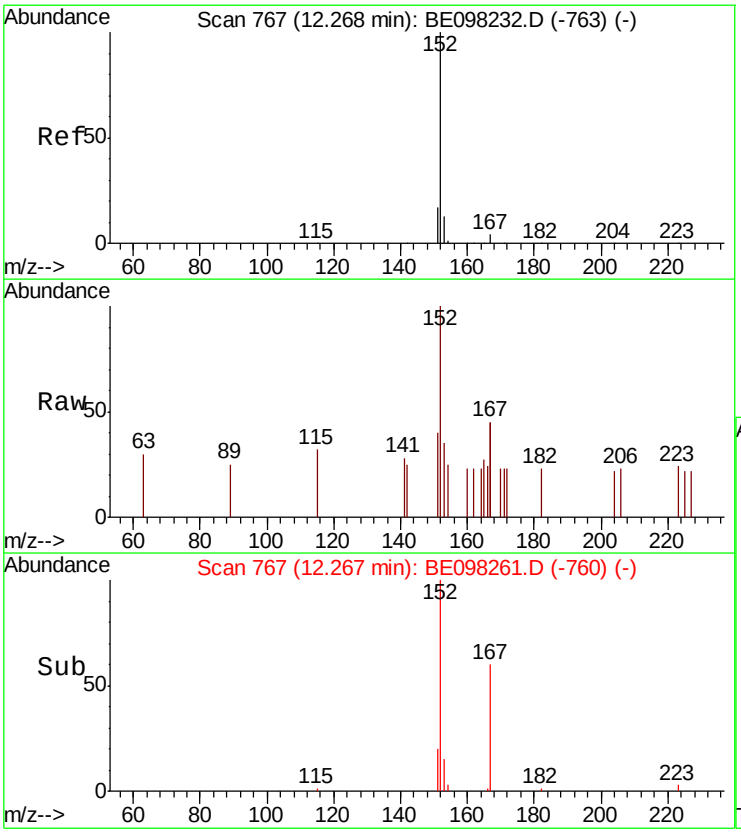
#9
Naphthalene
Concen: 0.057 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:128 Resp: 4056

Ion	Ratio	Lower	Upper
128	100		
129	5.4	2.6	4.0#
127	4.9	2.8	4.2#

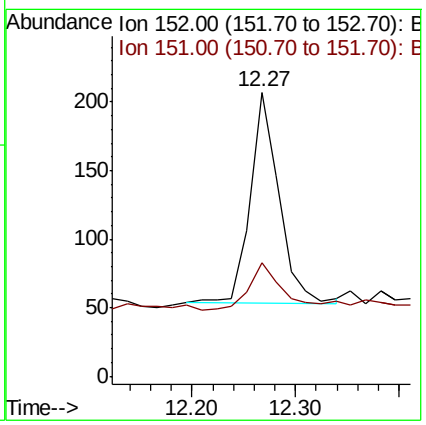


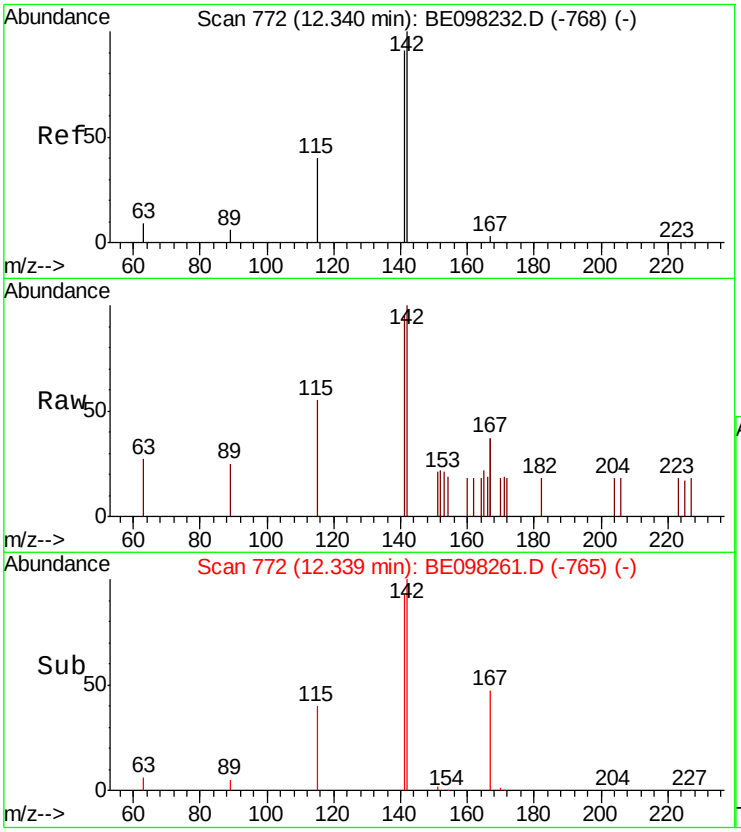


#11
2-Methylnaphthalene-d10
Concen: 0.024 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:152 Resp: 296

Ion	Ratio	Lower	Upper
152	100		
151	27.0	15.4	23.2#



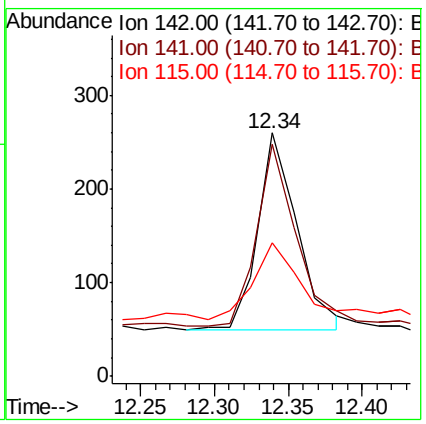


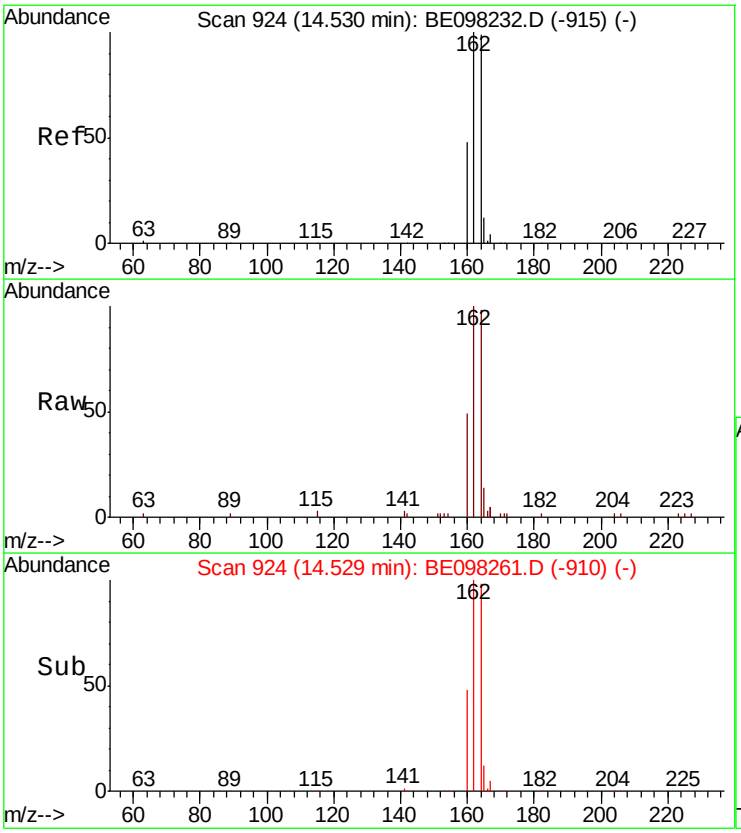
#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:142 Resp: 383

Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.3	114.5
115	55.0	35.8	53.8#

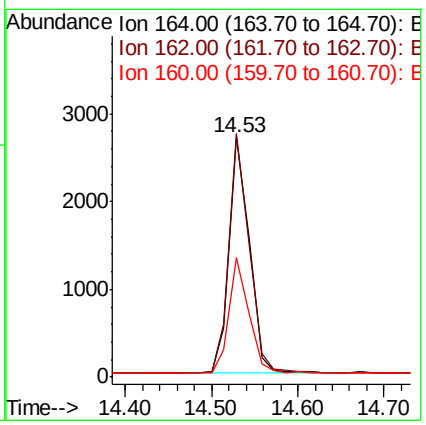


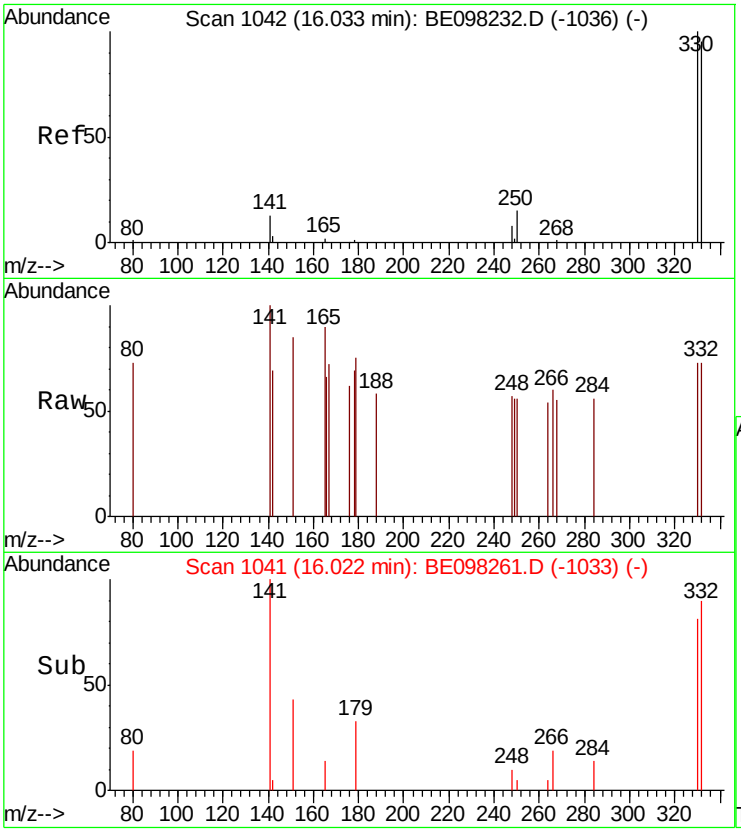


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:164 Resp: 4309

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	49.8	39.4	59.0



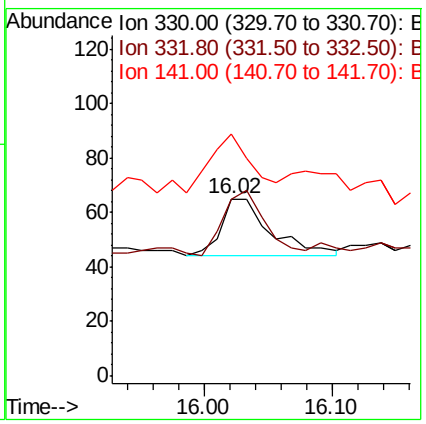


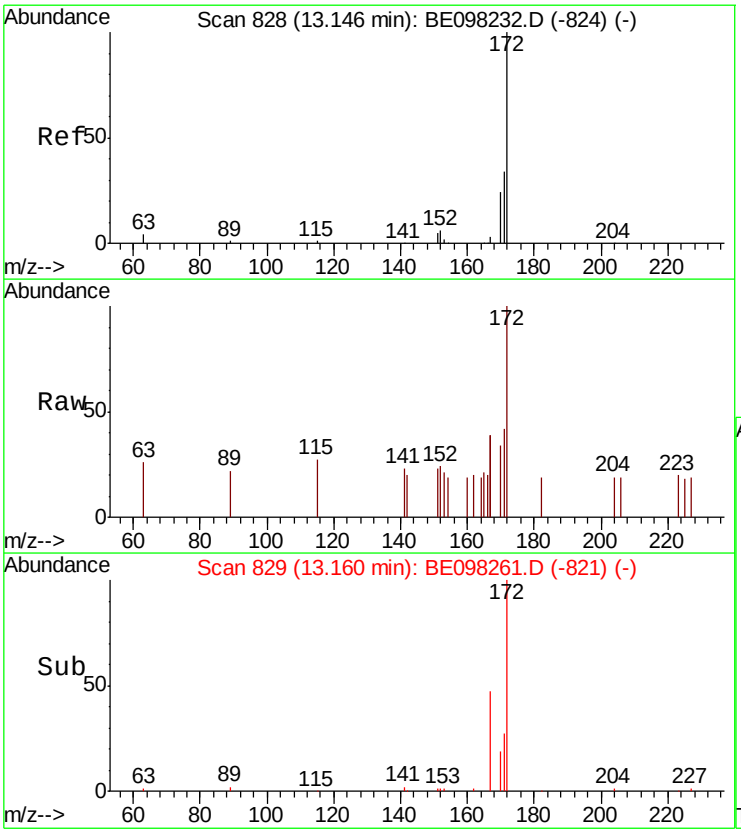
#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:330 Resp: 57

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	91.2	33.6	50.4#

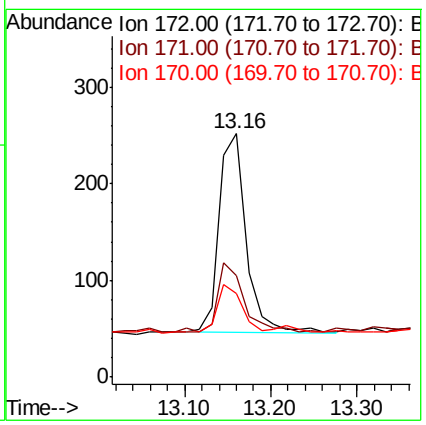


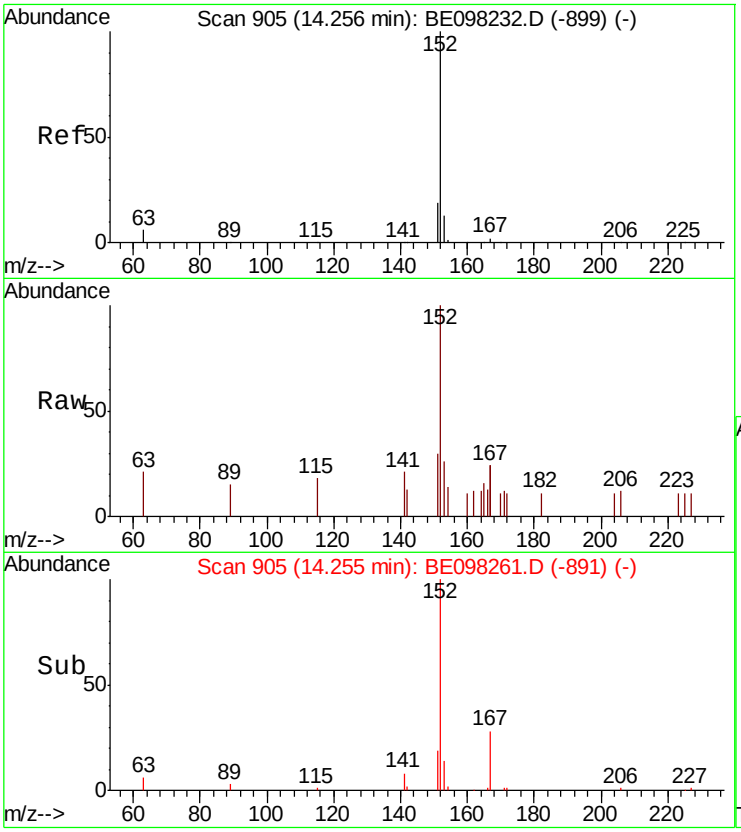


#15
2-Fluorobiphenyl
Concen: 0.024 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:172 Resp: 453

Ion	Ratio	Lower	Upper
172	100		
171	41.7	27.3	40.9#
170	34.1	19.4	29.0#



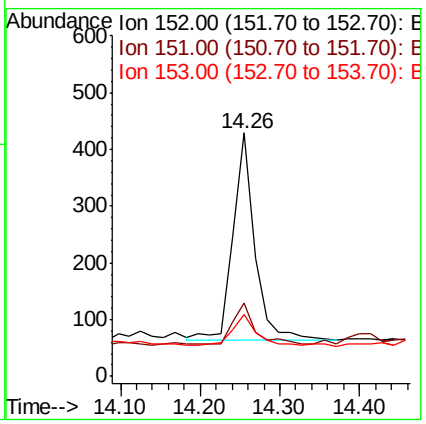


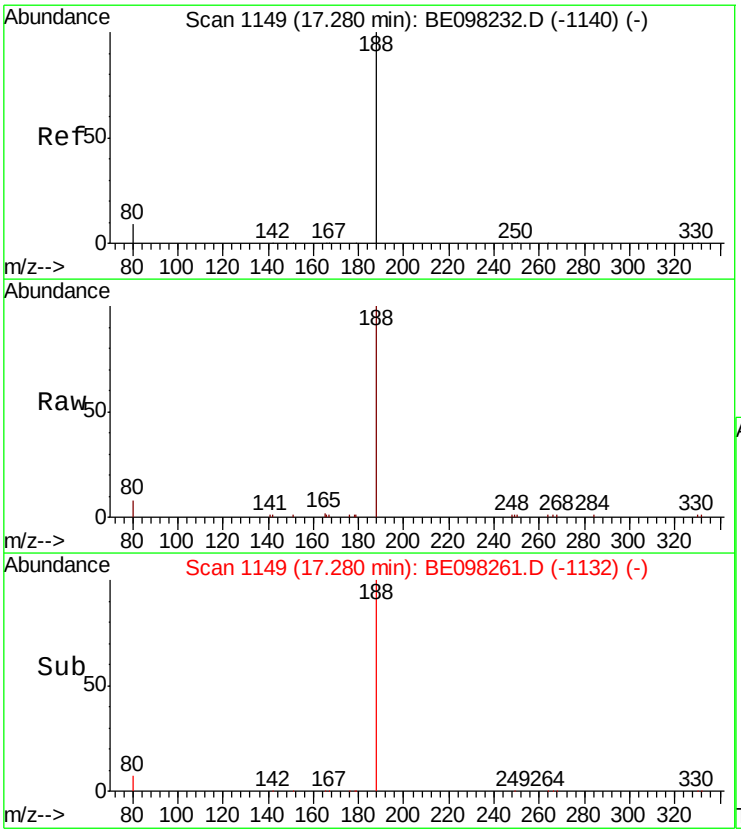
#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:152 Resp: 691

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.4	24.6
153	16.4	10.6	15.8#

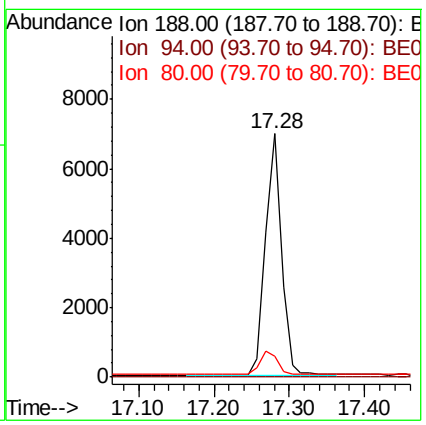


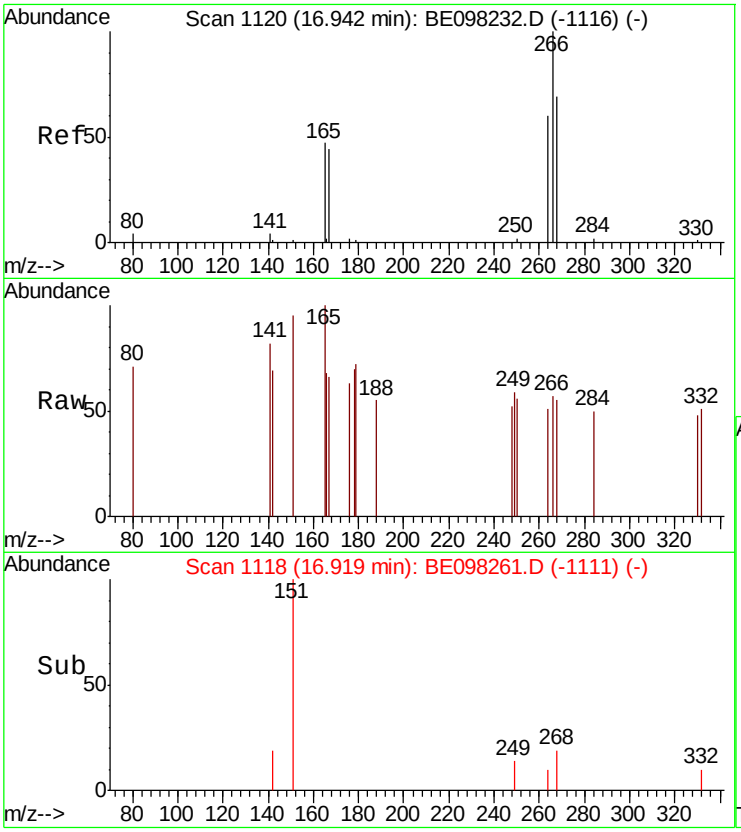


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:188 Resp: 10275

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.7	10.1



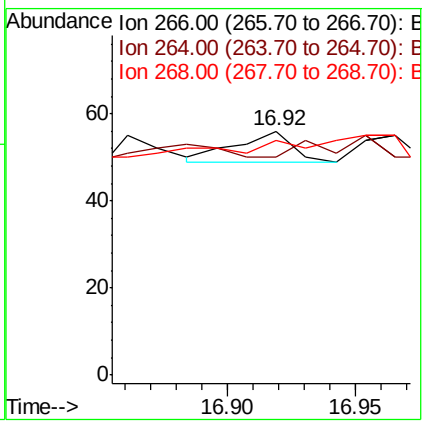


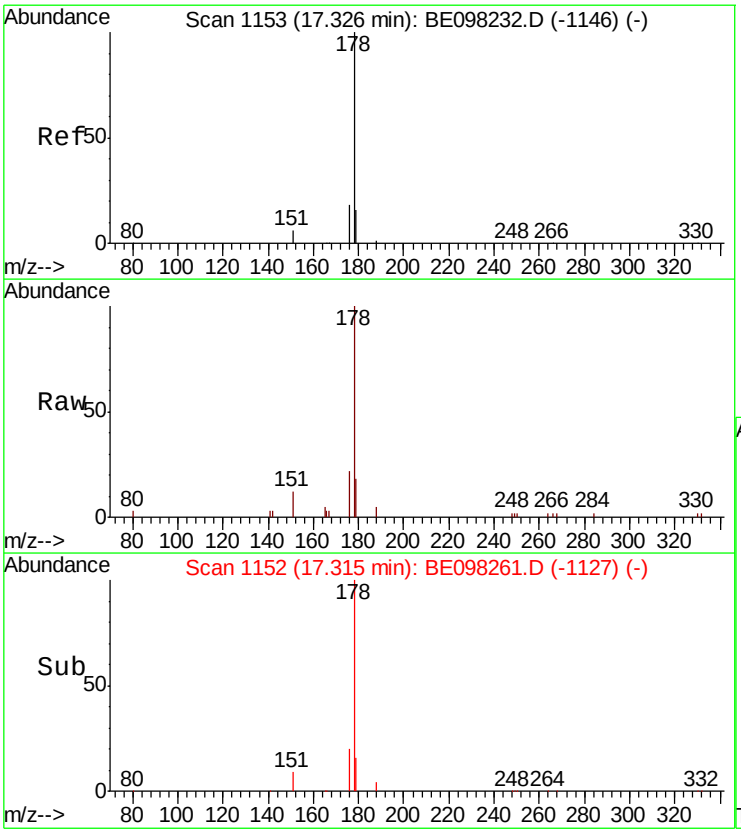
#22
Pentachlorophenol
Concen: 0.108 ng
RT: 16.92 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	89.3	57.6	86.4#
268	96.4	56.8	85.2#

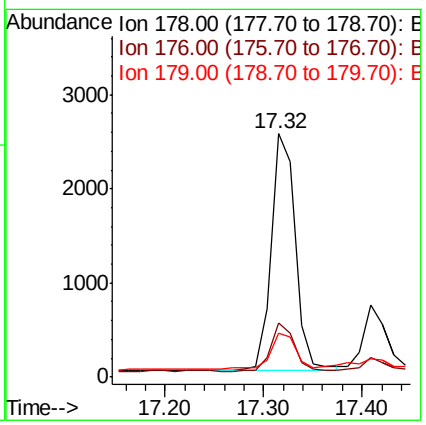


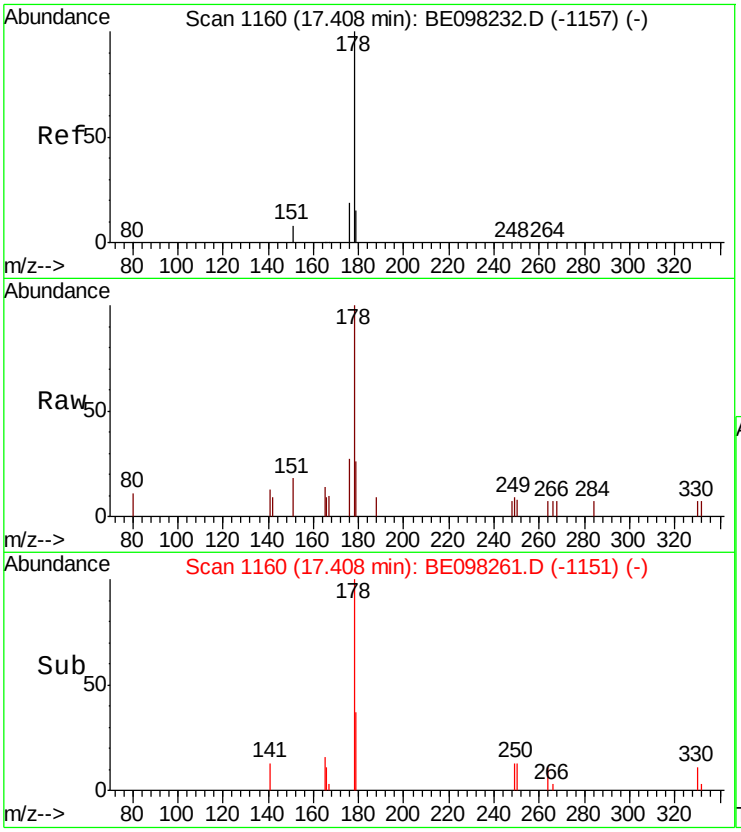


#23
Phenanthrene
Concen: 0.162 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:178 Resp: 4276

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.5	12.3	18.5



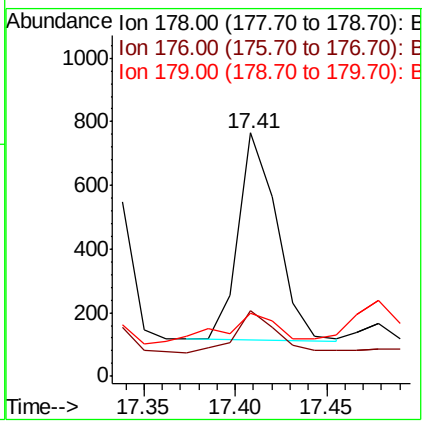


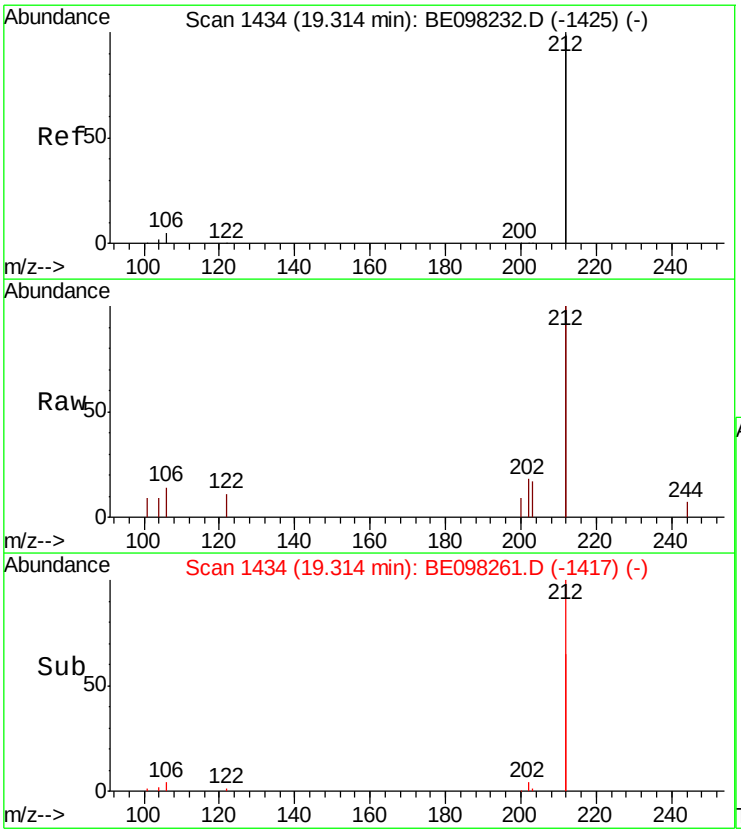
#24
Anthracene
Concen: 0.040 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:178 Resp: 972

Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.7	23.5
179	18.7	12.1	18.1#

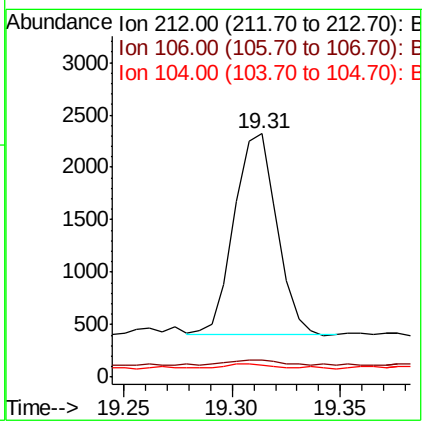


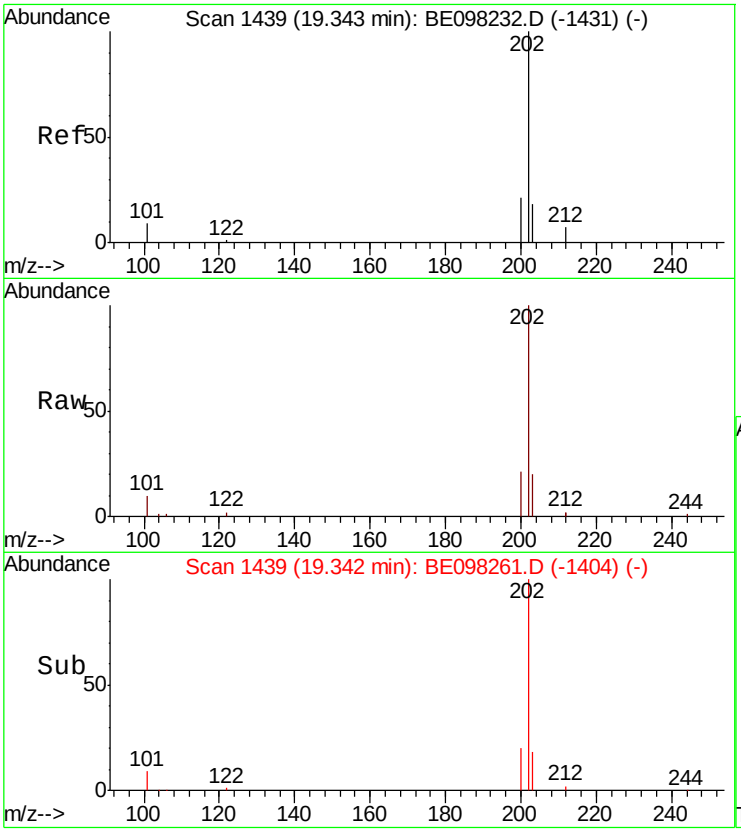


#25
Fluoranthene-d10
Concen: 0.021 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:212 Resp: 2612

Ion	Ratio	Lower	Upper
212	100		
106	4.2	1.8	2.8#
104	2.0	1.1	1.7#



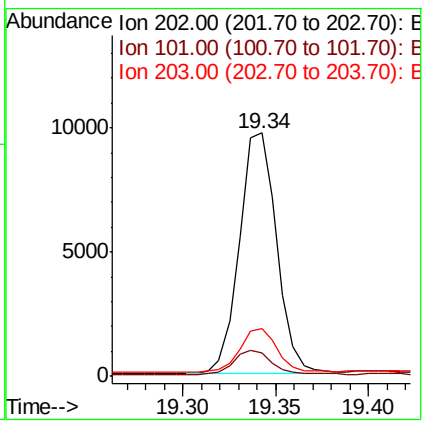


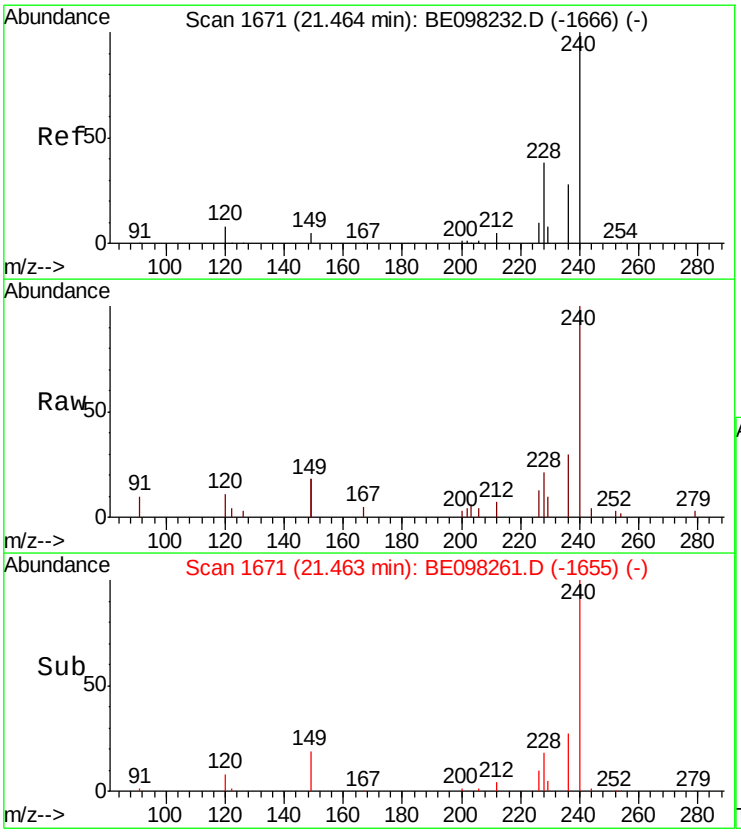
#26
Fluoranthene
Concen: 0.427 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:202 Resp: 13541

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.0	10.6
203	17.9	13.7	20.5

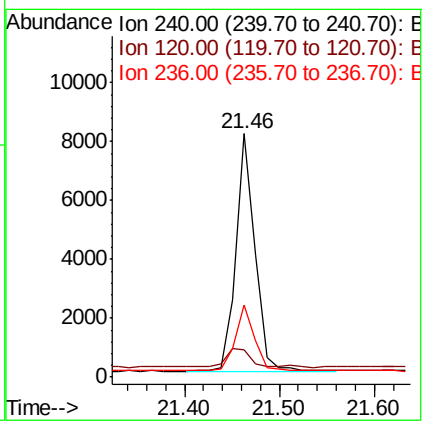


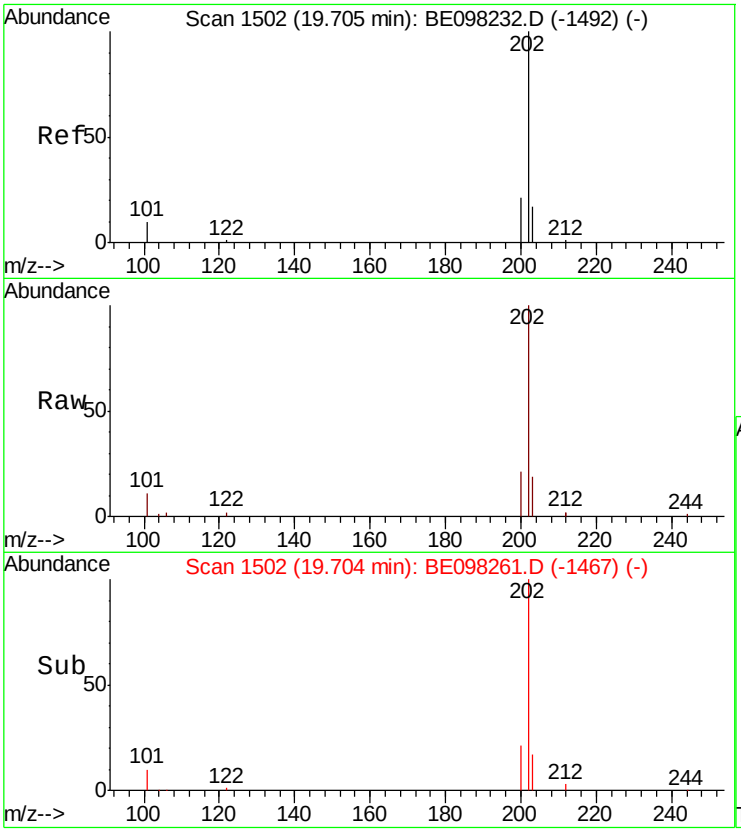


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:240 Resp: 11160

Ion	Ratio	Lower	Upper
240	100		
120	11.3	4.8	7.2#
236	29.6	21.4	32.0



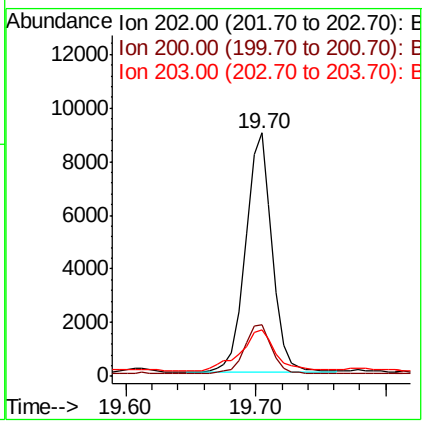


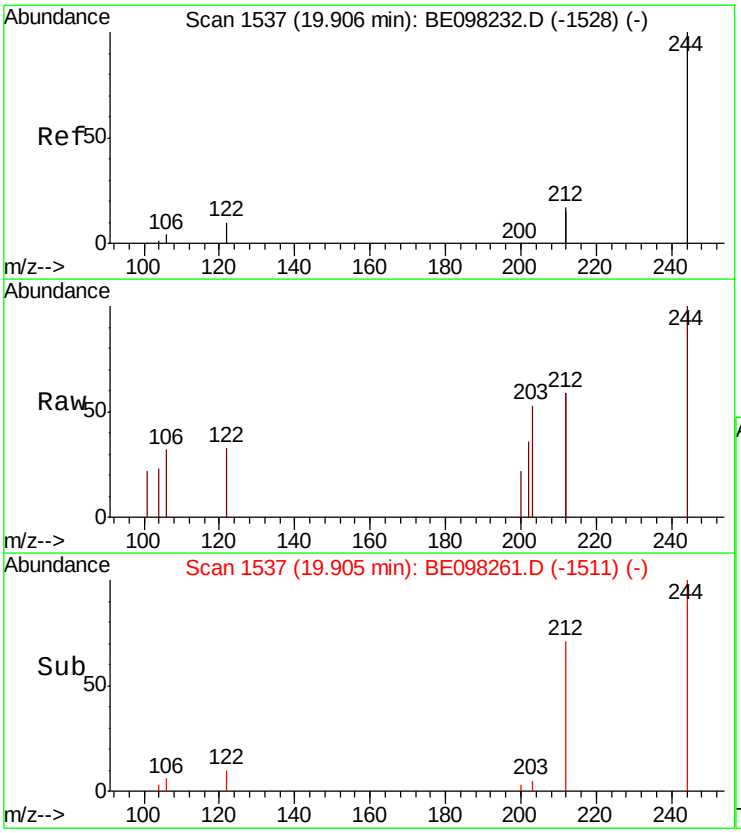
#28
Pyrene
Concen: 0.389 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:202 Resp: 12704

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	22.0	14.2	21.4#

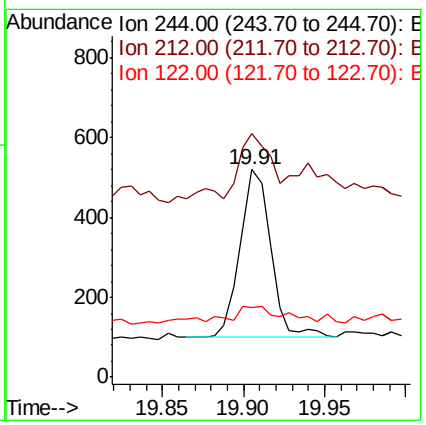


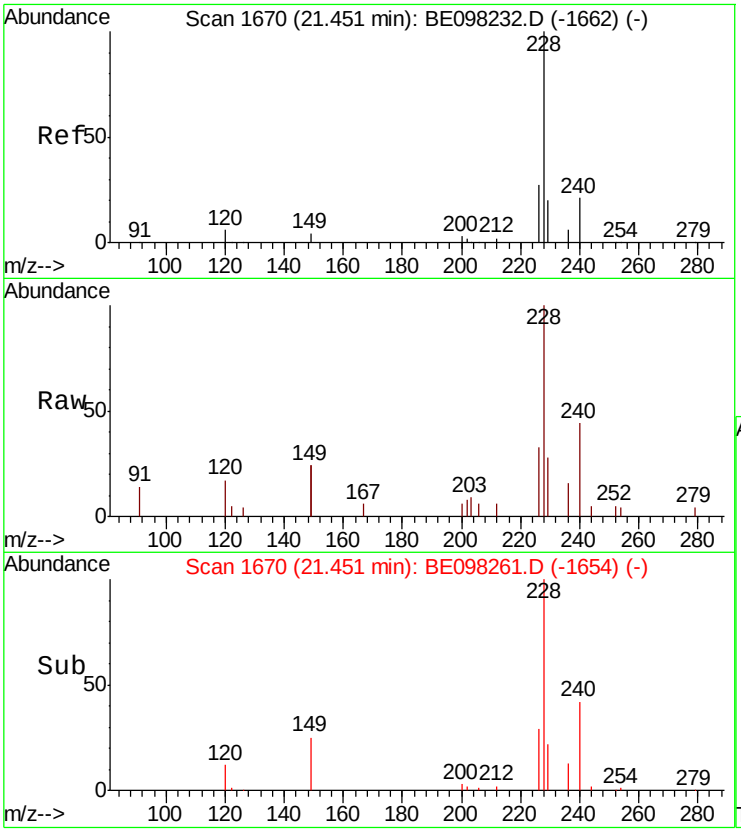


#29
Terphenyl-d14
Concen: 0.022 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:244 Resp: 555

Ion	Ratio	Lower	Upper
244	100		
212	117.3	26.8	40.2#
122	33.5	7.0	10.6#



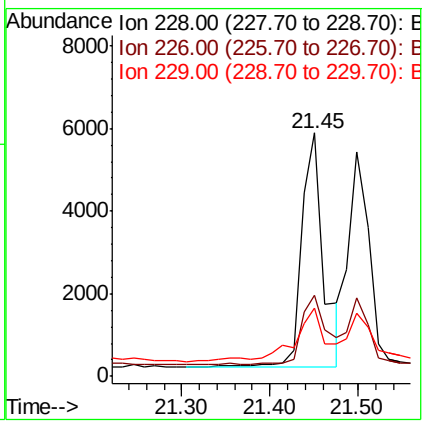


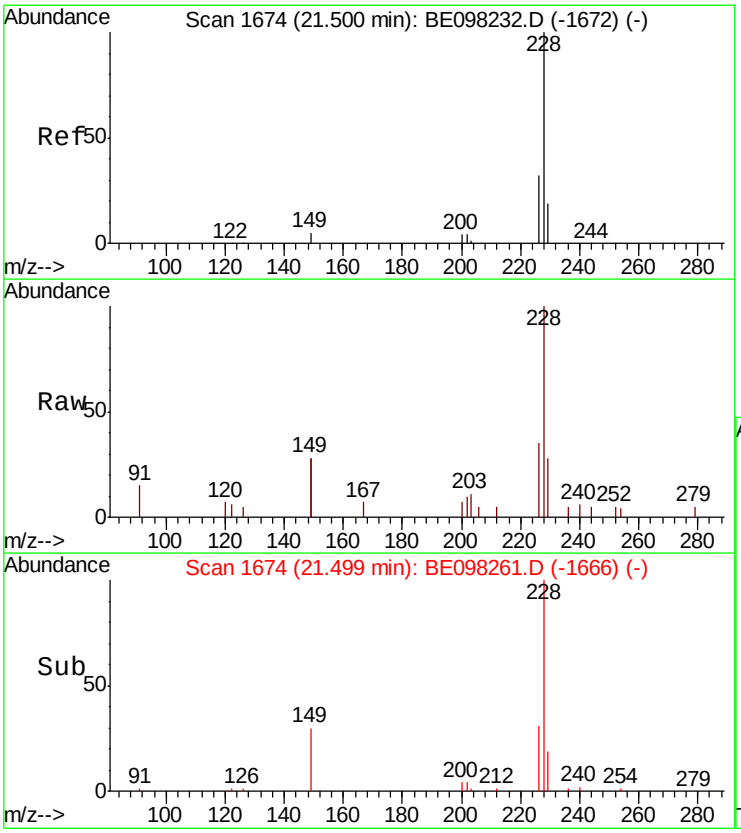
#30
Benzo(a)anthracene
Concen: 0.308 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:228 Resp: 9956

Ion	Ratio	Lower	Upper
228	100		
226	33.2	20.7	31.1#
229	28.0	16.2	24.4#

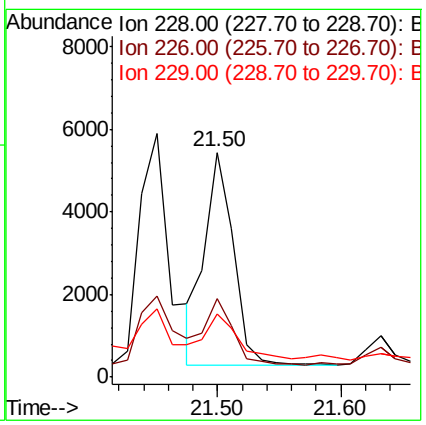


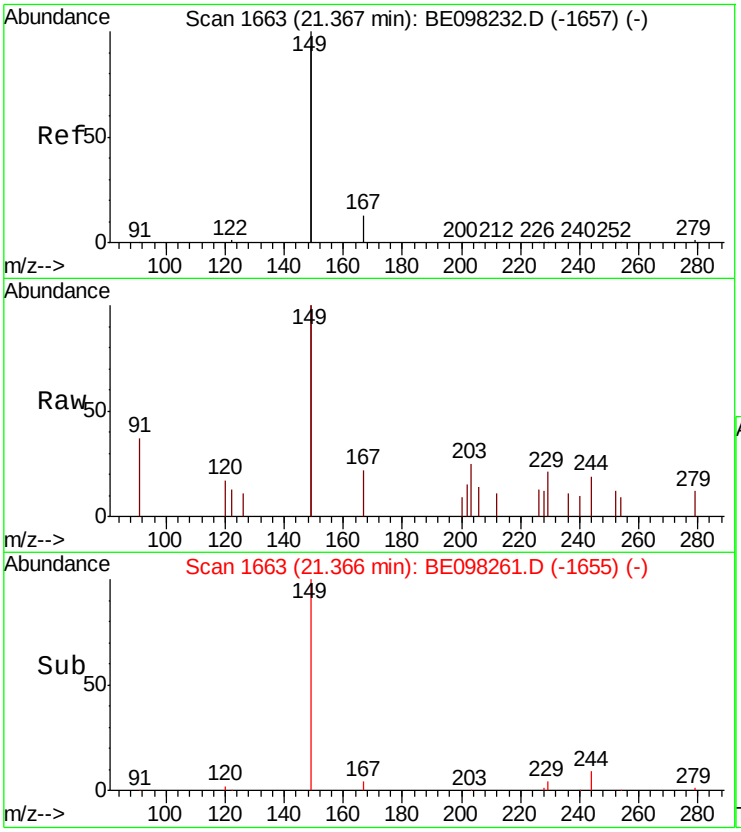


#31
Chrysene
Concen: 0.250 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:228 Resp: 8311

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.6	36.8
229	28.1	16.0	24.0#



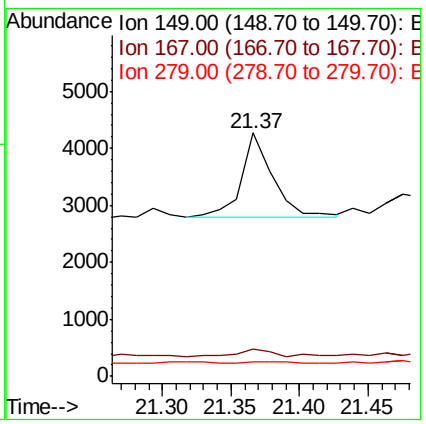


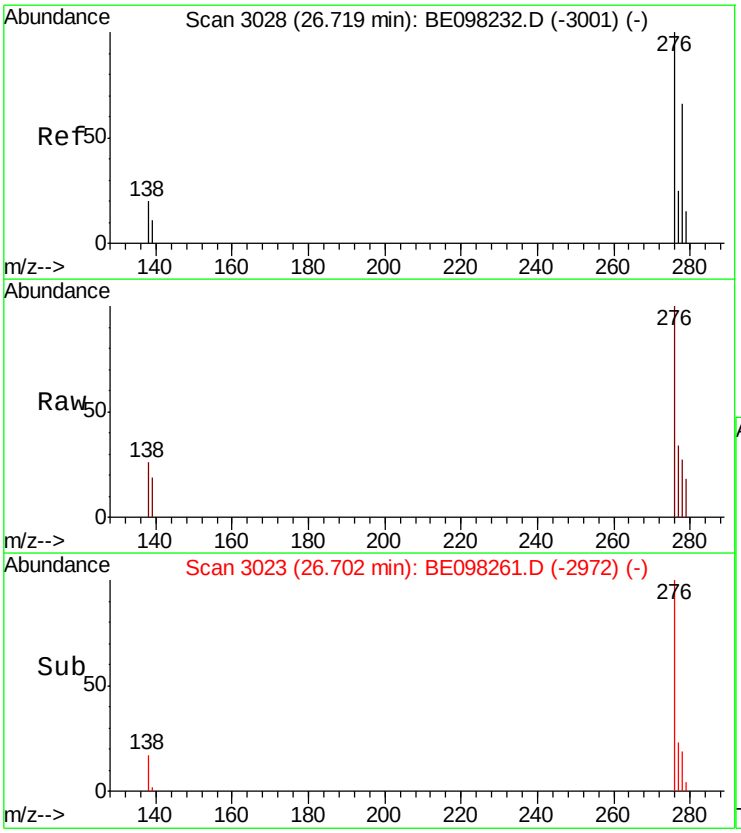
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:149 Resp: 2393

Ion	Ratio	Lower	Upper
149	100		
167	9.7	5.6	8.4#
279	3.3	0.9	1.3#

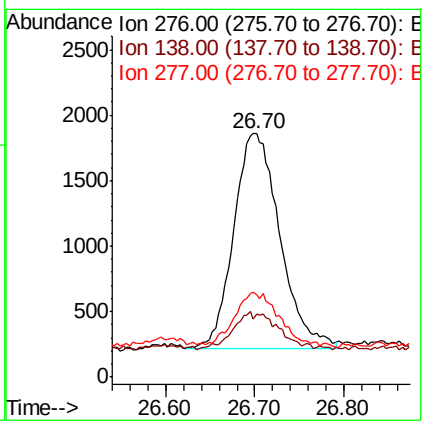


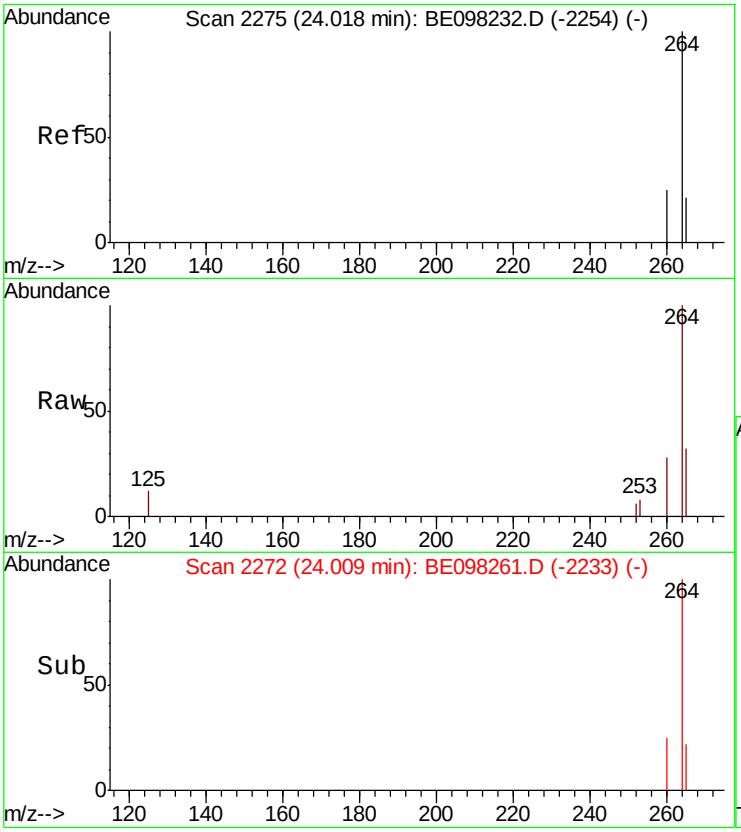


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.207 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.02 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:276 Resp: 5894

Ion	Ratio	Lower	Upper
276	100		
138	7.4	6.4	9.6
277	23.3	18.9	28.3



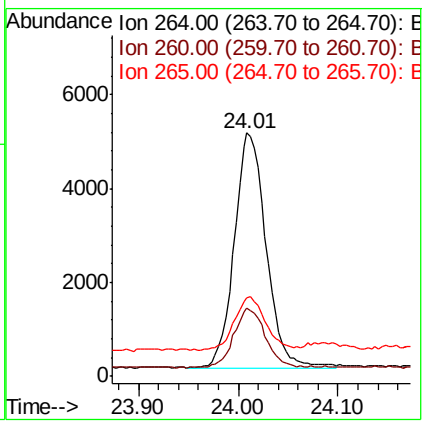


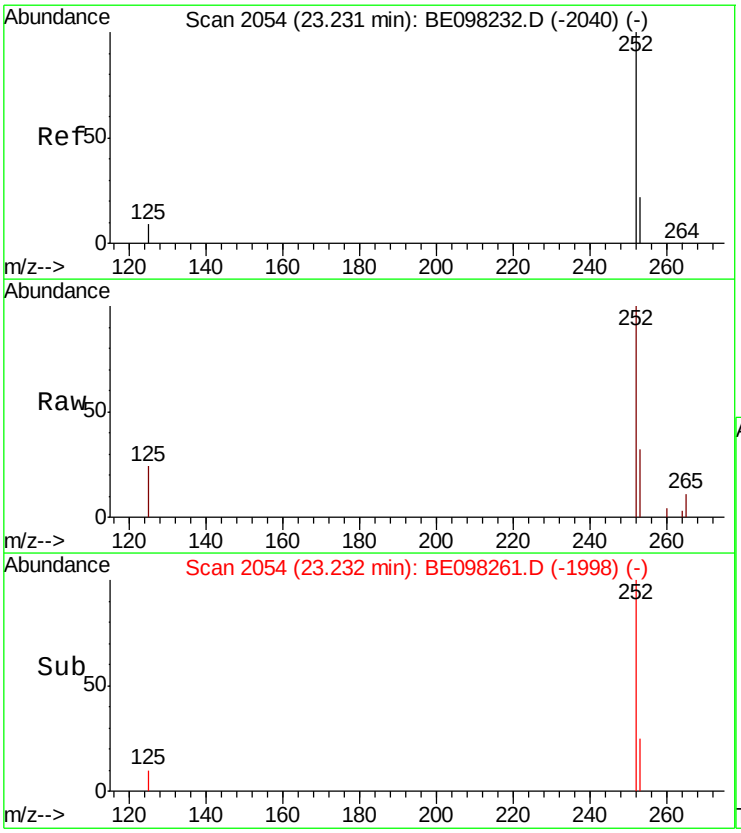
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:264 Resp: 11174

Ion	Ratio	Lower	Upper
264	100		
260	27.9	19.9	29.9
265	32.0	21.3	31.9#

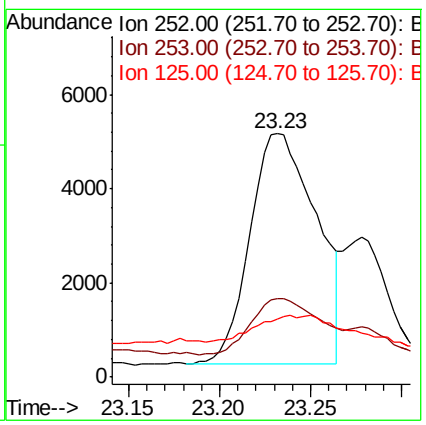


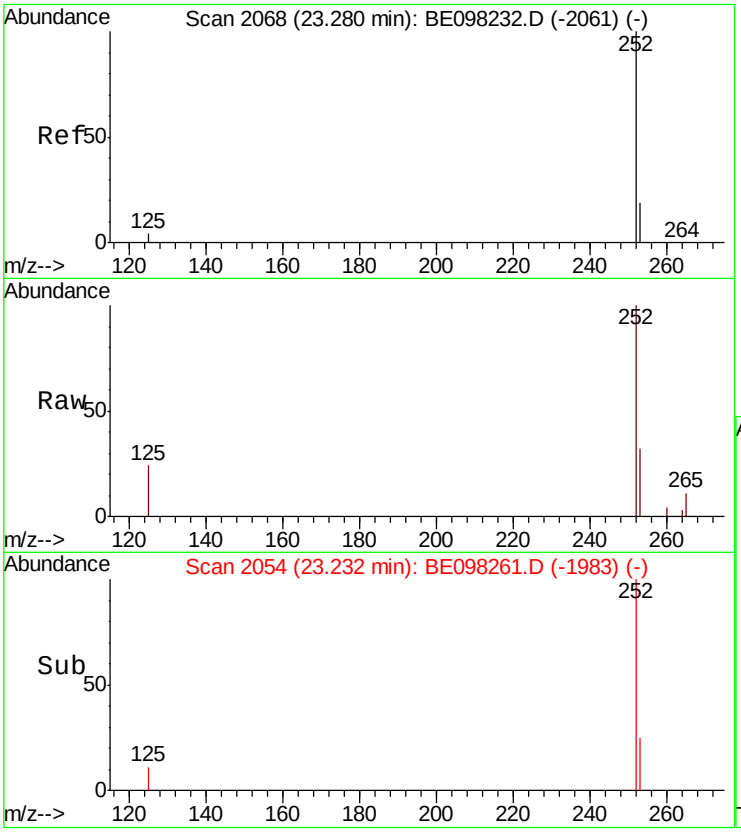


#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:252 Resp: 12396

Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.4	29.0#
125	23.9	8.6	12.8#



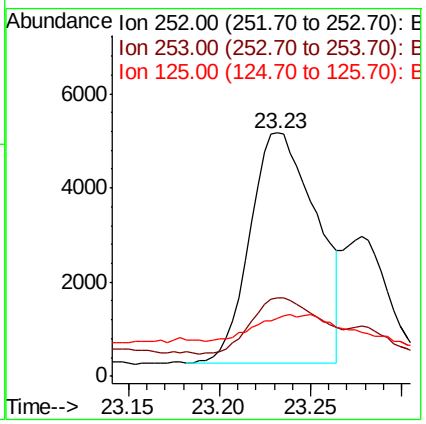


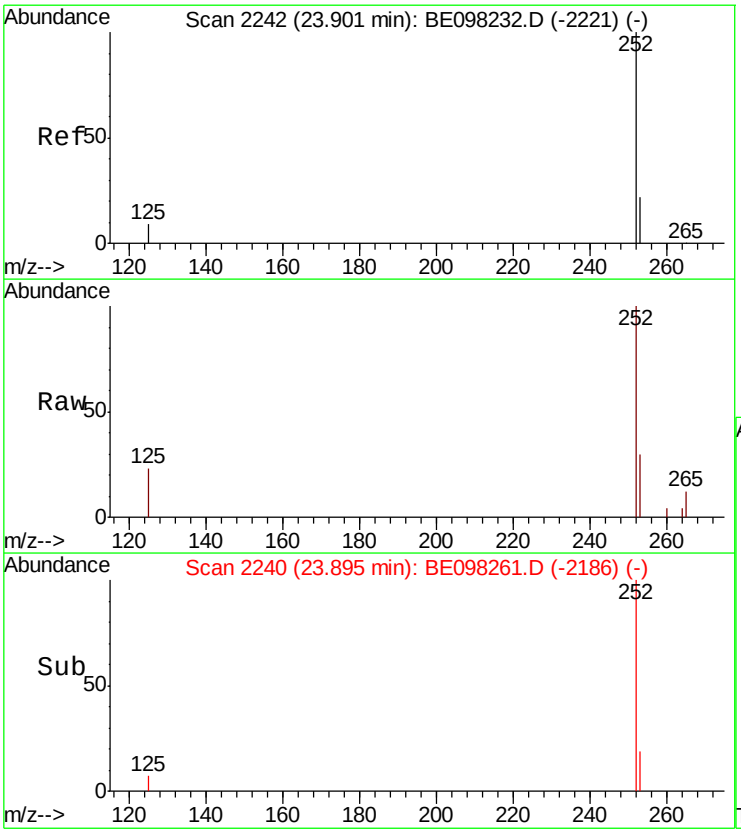
#36
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 23.23 min Scan# 2054
Delta R.T. -0.05 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:252 Resp: 12396

Ion	Ratio	Lower	Upper
252	100		
253	32.0	18.6	28.0#
125	23.9	7.4	11.0#

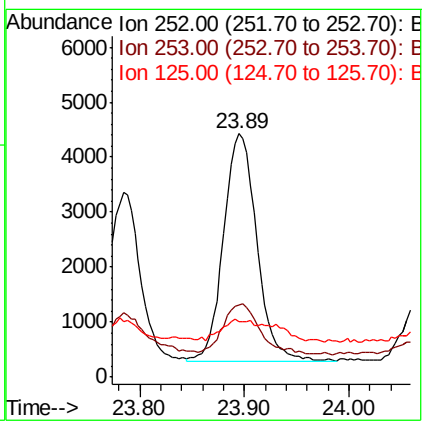


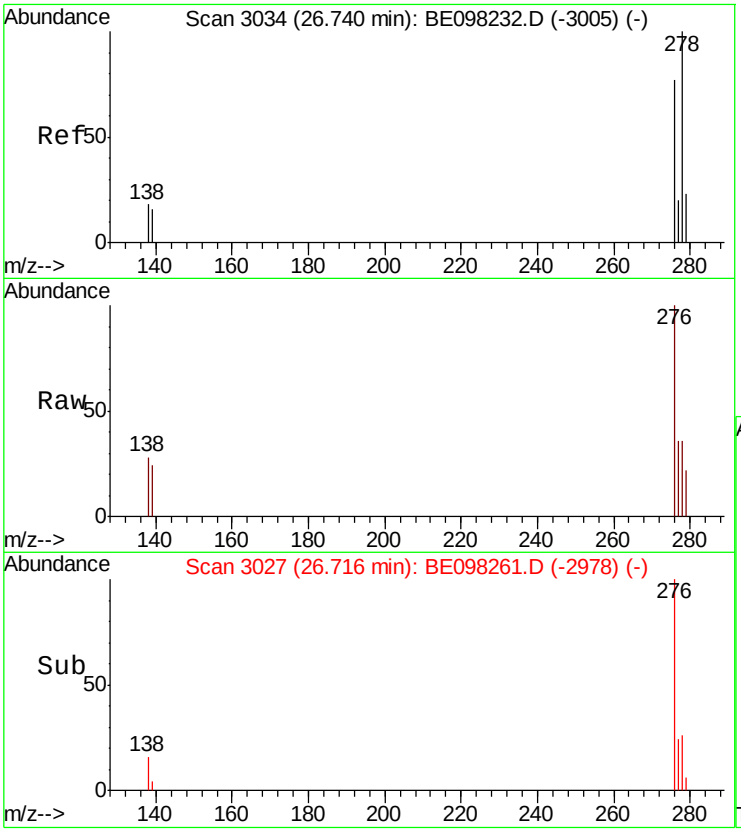


#37
Benzo(a)pyrene
Concen: 0.292 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:252 Resp: 9055

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.6	27.8#
125	22.8	8.0	12.0#



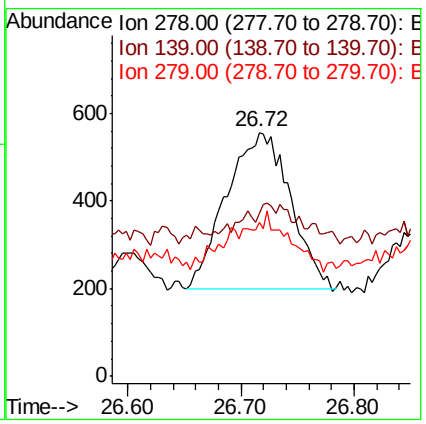


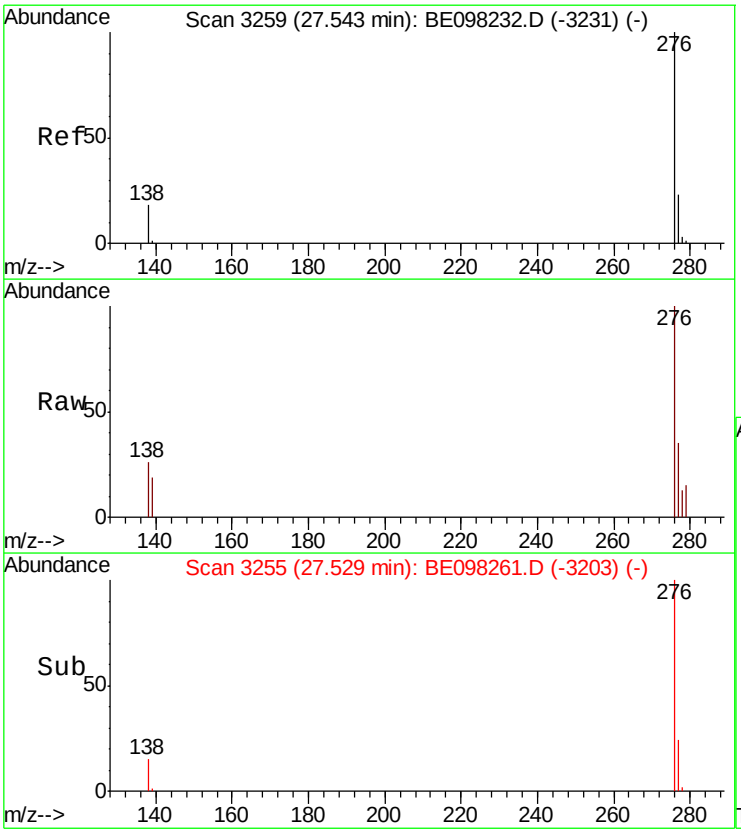
#38
Dibenzo(a,h)anthracene
Concen: 0.056 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.02 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tgt Ion:278 Resp: 1396

Ion	Ratio	Lower	Upper
278	100		
139	66.9	16.4	24.6#
279	63.3	21.3	31.9#





#39
Benzo(g,h,i)perylene
Concen: 0.215 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:276 Resp: 5762

Ion	Ratio	Lower	Upper
276	100		
277	34.9	20.4	30.6#
138	25.9	13.2	19.8#