Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
Data File : BE098234.D
Acq On : 16 Nov 2018 17:52
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 16 18:24:52 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	1386	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	6847	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4395	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	9936	0.40	ng		0.00
27) Chrysene-d12	21.46	240	11337	0.40	ng		0.00
34) Perylene-d12	24.02	264	10281	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	5733	1.47	ng		0.00
5) Phenol-d6	7.03	99	9469	1.51	ng		0.00
8) Nitrobenzene-d5	9.02	82	10278	1.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	18569	1.55	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	2630	1.37	ng		-0.01
15) 2-Fluorobiphenyl	13.15	172	27121	1.47	ng		0.00
25) Fluoranthene-d10	19.31	212	193870	1.56	ng		0.00
29) Terphenyl-d14	19.91	244	38925	1.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	3216	1.428	ng		93
3) n-Nitrosodimethylamine	3.68	42	4058	1.492	ng	#	83
6) bis(2-Chloroethyl)ether	7.29	93	7780	1.534	ng		97
9) Naphthalene	10.72	128	106688	1.532	ng		99
10) Hexachlorobutadiene	11.01	225	6127	1.415	ng		99
12) 2-Methylnaphthalene	12.34	142	19445	1.610	ng		93
16) Acenaphthylene	14.26	152	33033	1.640	ng		99
17) Acenaphthene	14.60	154	19557	1.589	ng		100
18) Fluorene	15.57	166	25172	1.598	ng		100
20) 4-Bromophenyl-phenylether	16.46	248	9783	1.616	ng		94
21) Hexachlorobenzene	16.58	284	9871	1.568	ng		98
22) Pentachlorophenol	16.94	266	1911	1.746	ng		94
23) Phenanthrene	17.31	178	40238	1.626	ng		100
24) Anthracene	17.41	178	37927	1.645	ng		99
26) Fluoranthene	19.34	202	49075	1.601	ng		98
28) Pyrene	19.70	202	50215	1.610	ng		100
30) Benzo(a)anthracene	21.45	228	50827	1.578	ng		100
31) Chrysene	21.50	228	52593	1.608	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	81457	1.218	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	48230	1.608	ng	#	90
35) Benzo(b)fluoranthene	23.23	252	47055	1.613	ng		95
36) Benzo(k)fluoranthene	23.28	252	51391	1.670	ng		98
37) Benzo(a)pyrene	23.90	252	45539	1.628	ng		98
38) Dibenzo(a,h)anthracene	26.73	278	39371	1.652	ng	#	91
39) Benzo(g,h,i)perylene	27.53	276	40556	1.630	ng		96

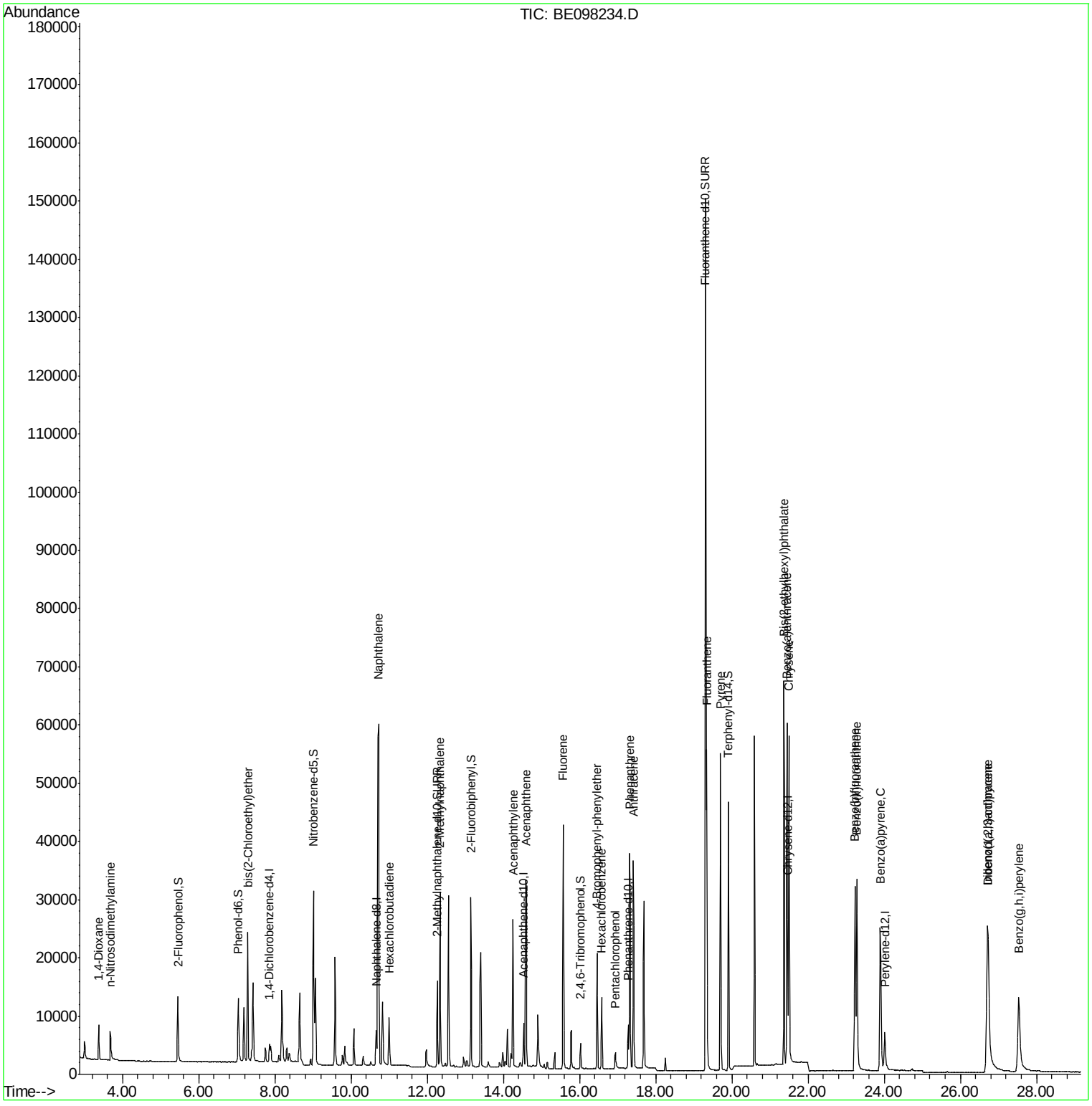
(#) = qualifier out of range (m) = manual integration (+) = signals summed

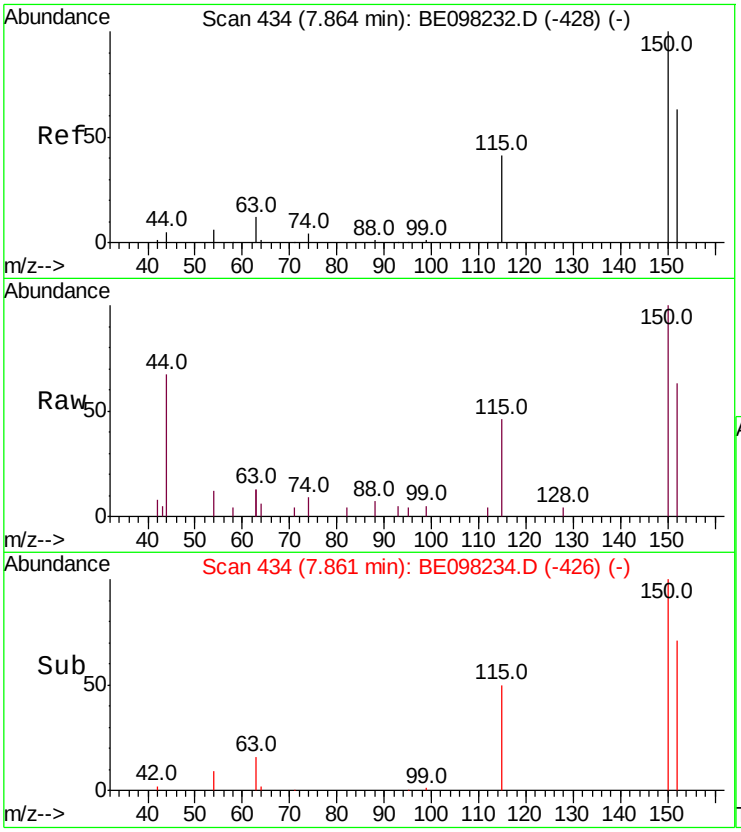
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
Data File : BE098234.D
Acq On : 16 Nov 2018 17:52
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 16 18:24:52 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



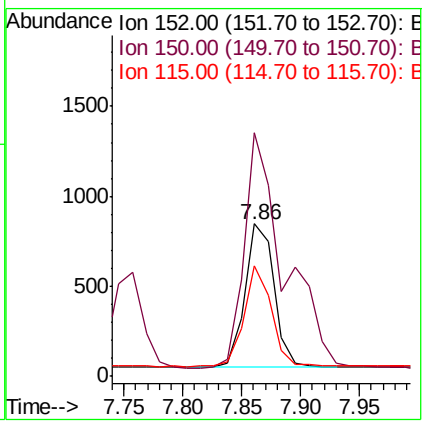


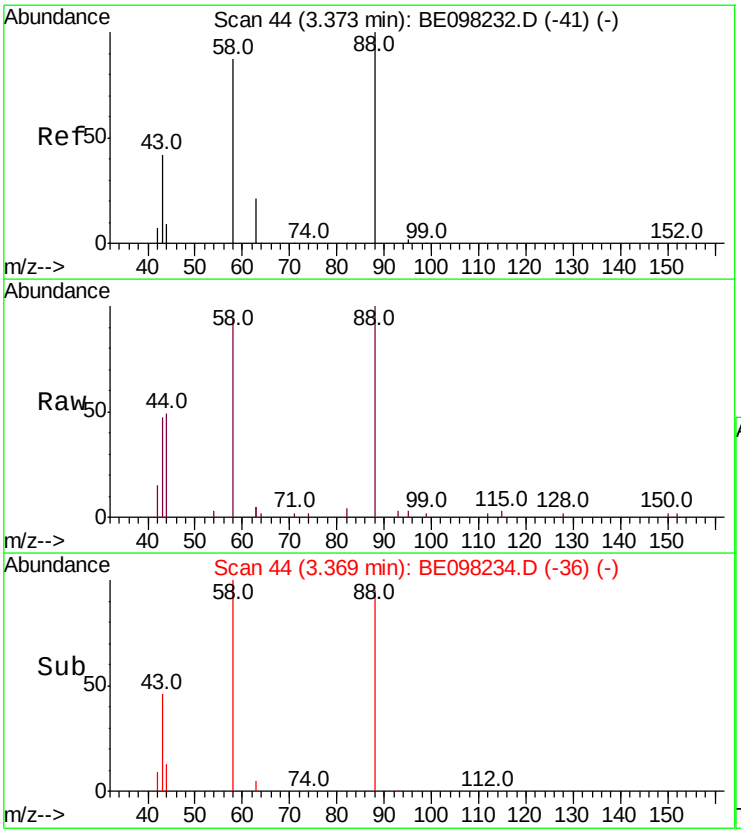
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1386

Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.5	191.3
115	72.8	60.3	90.5

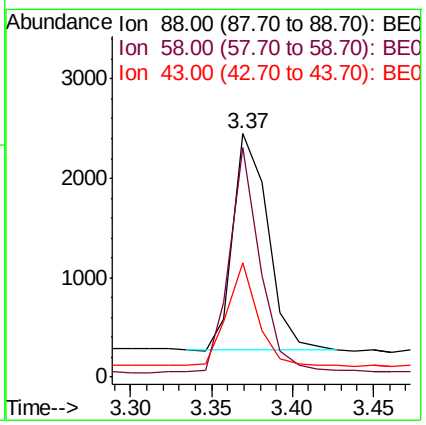


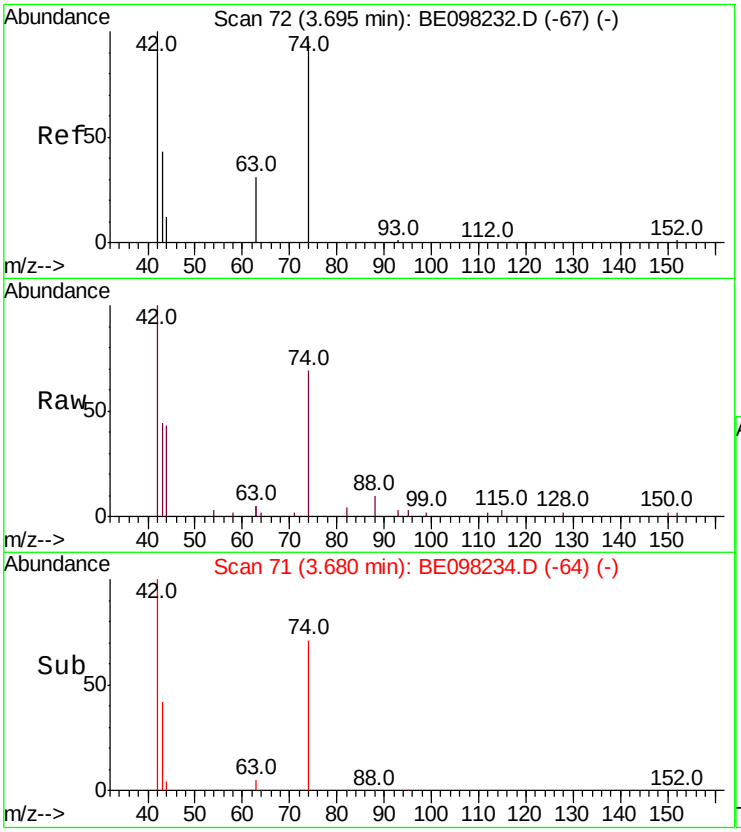


#2
1,4-Dioxane
Concen: 1.428 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion: 88 Resp: 3216

Ion	Ratio	Lower	Upper
88	100		
58	91.9	79.0	118.4
43	42.4	38.1	57.1



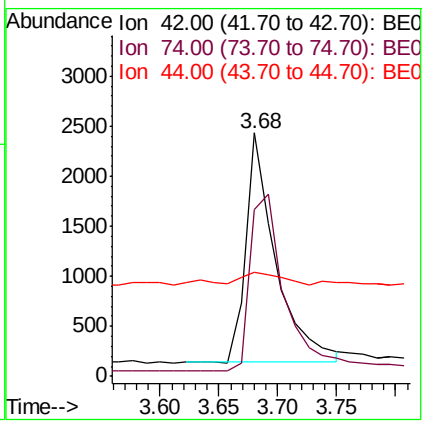


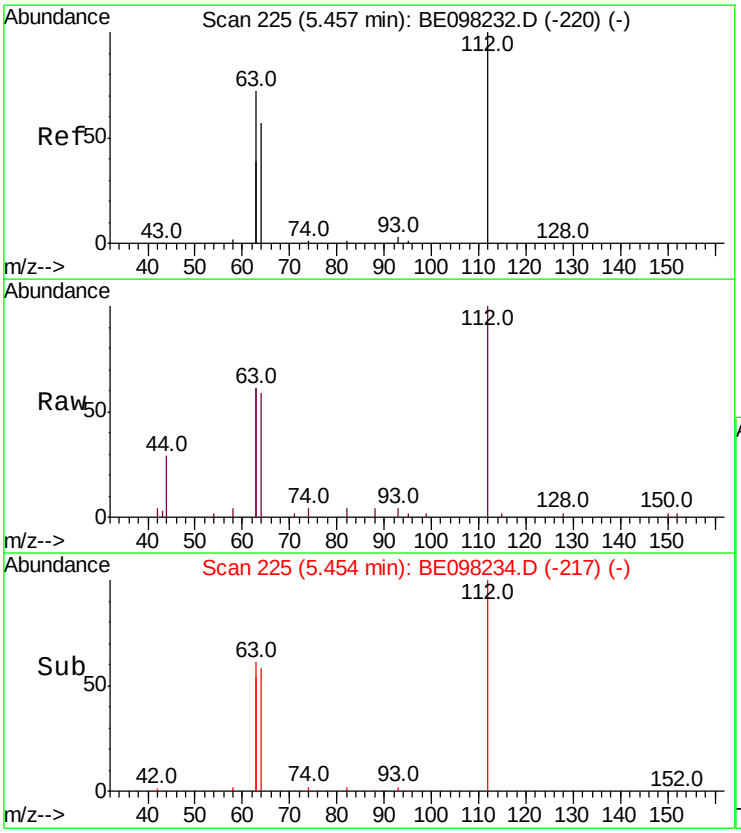
#3
n-Nitrosodimethylamine
Concen: 1.492 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 4058

Ion	Ratio	Lower	Upper
42	100		
74	90.0	61.7	92.5
44	6.6	14.0	21.0#

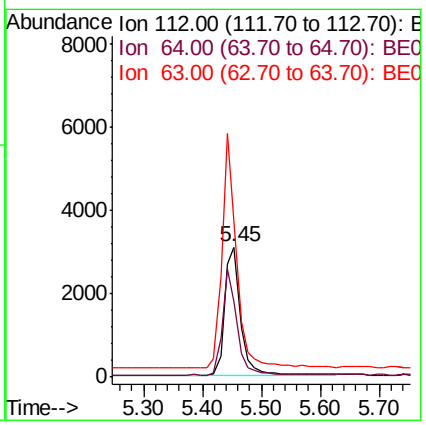


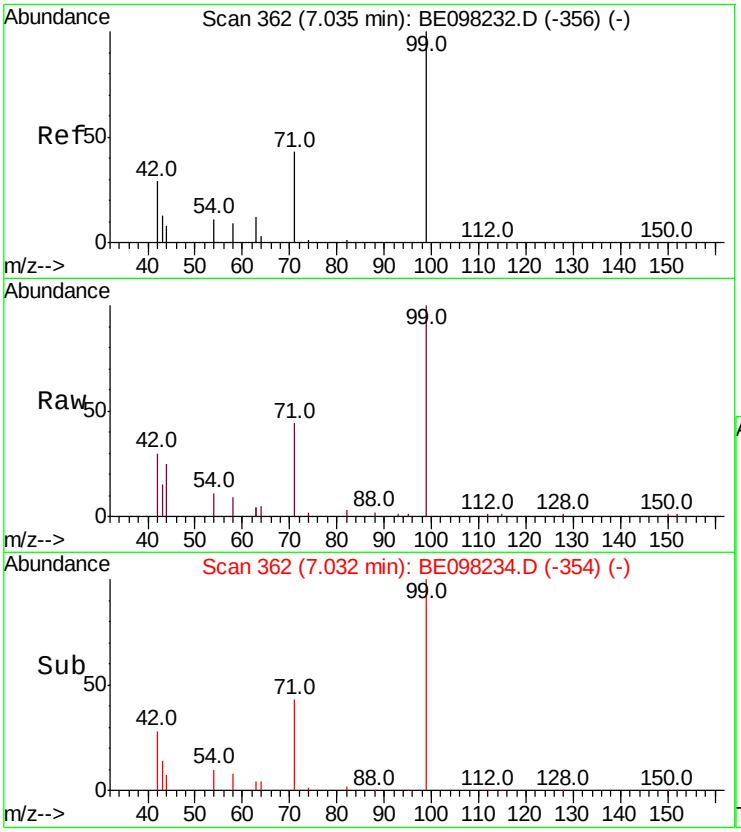


#4
2-Fluorophenol
Concen: 1.465 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:112 Resp: 5733

Ion	Ratio	Lower	Upper
112	100		
64	77.6	61.7	92.5
63	165.7	136.2	204.2



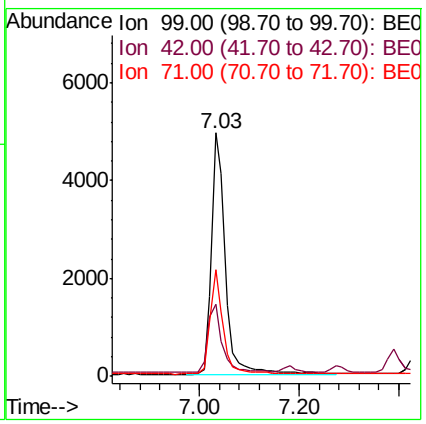


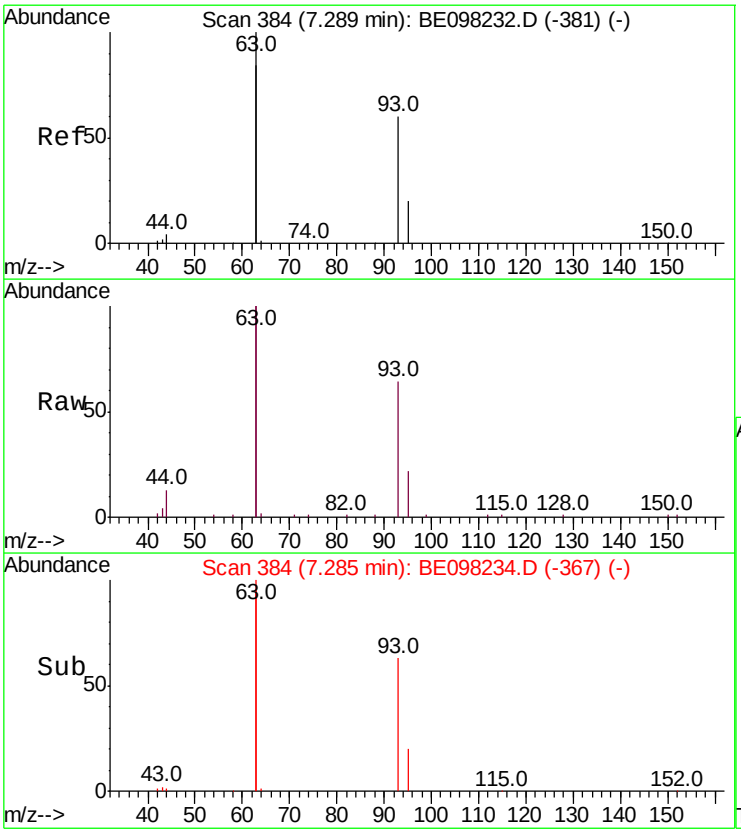
#5
Phenol-d6
Concen: 1.506 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9469

Ion	Ratio	Lower	Upper
99	100		
42	29.3	27.1	40.7
71	41.1	37.0	55.6

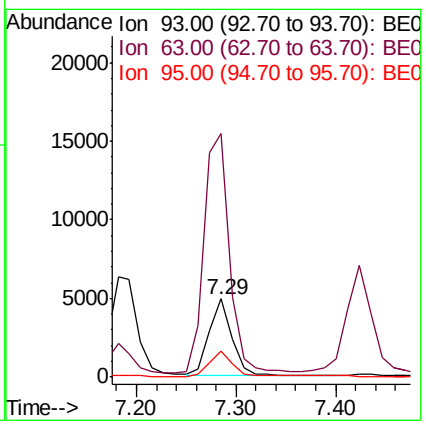


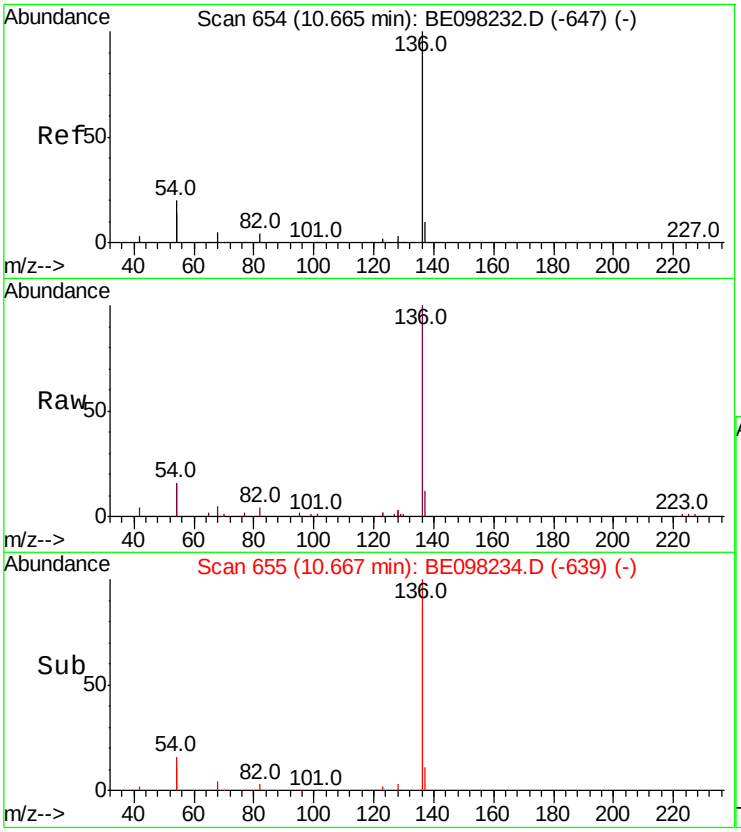


#6
bis(2-Chloroethyl)ether
Concen: 1.534 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion: 93 Resp: 7780

Ion	Ratio	Lower	Upper
93	100		
63	346.2	272.6	409.0
95	32.0	27.1	40.7



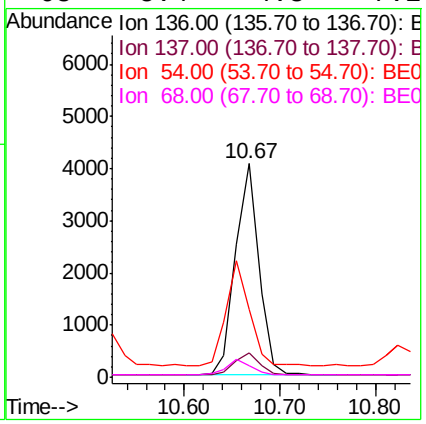


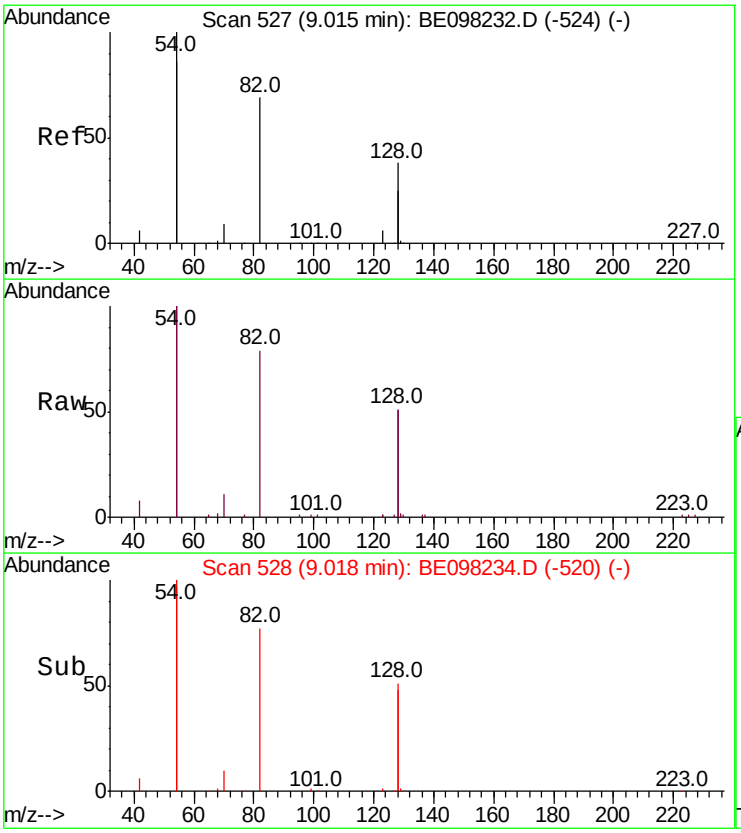
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6847

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	31.6	31.3	46.9
68	5.4	4.8	7.2

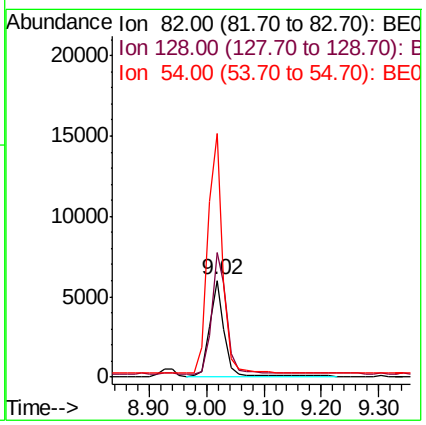


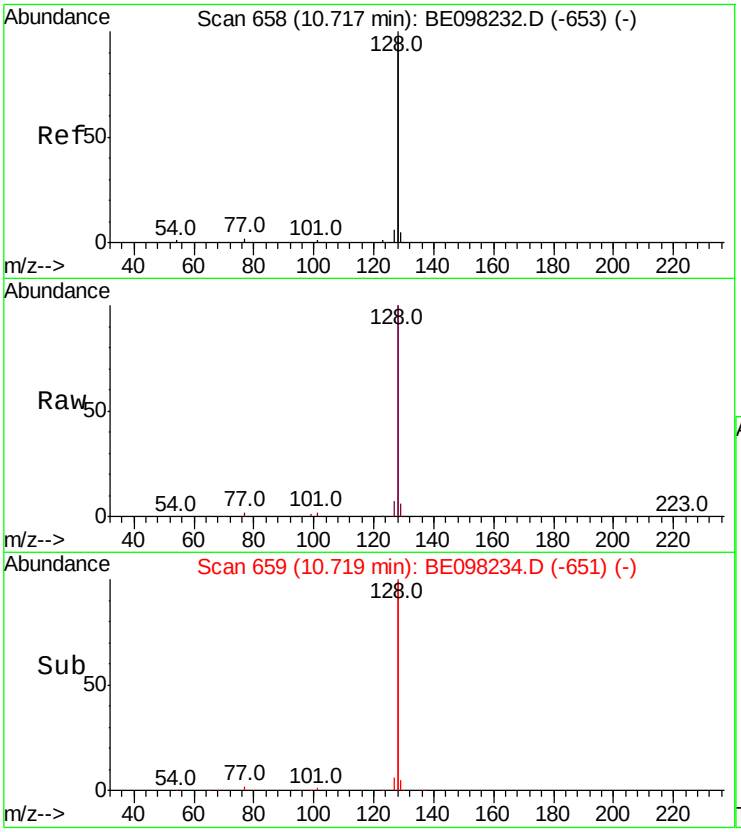


#8
Nitrobenzene-d5
Concen: 1.504 ng
RT: 9.02 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion: 82 Resp: 10278

Ion	Ratio	Lower	Upper
82	100		
128	128.7	96.1	144.1
54	252.3	232.0	348.0



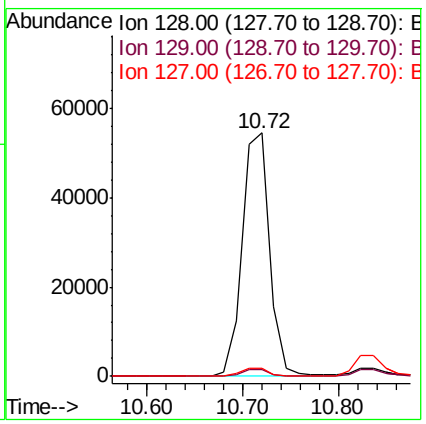


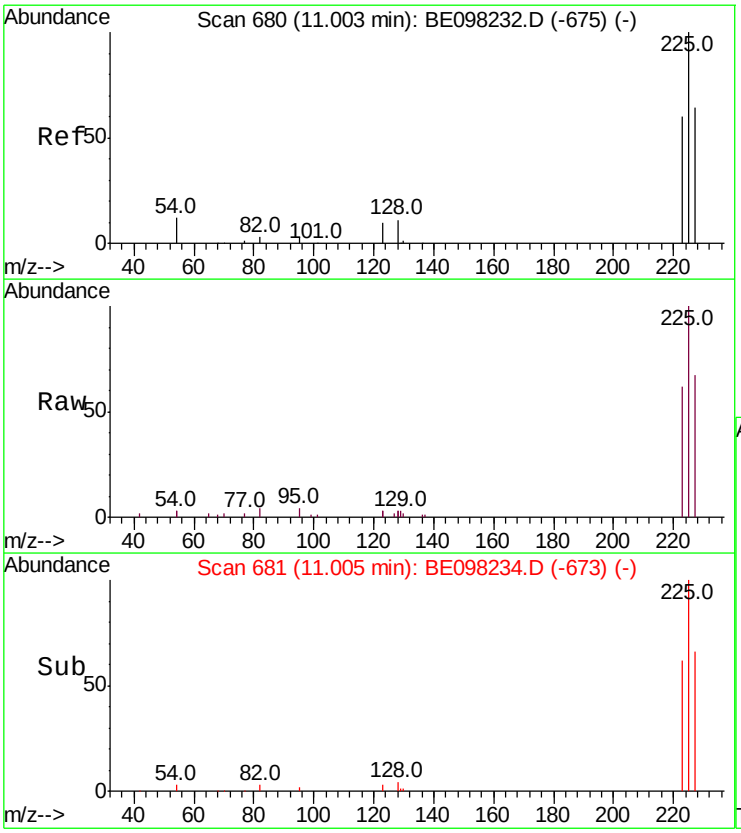
#9
Naphthalene
Concen: 1.532 ng
RT: 10.72 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 106688

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.3	2.8	4.2

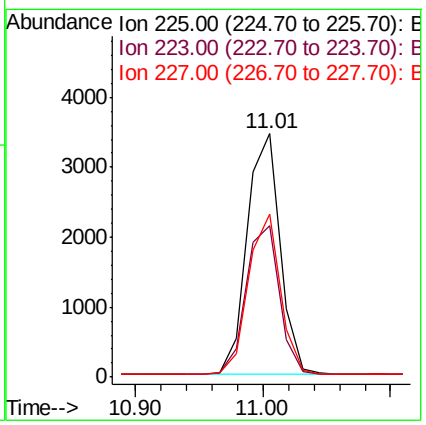


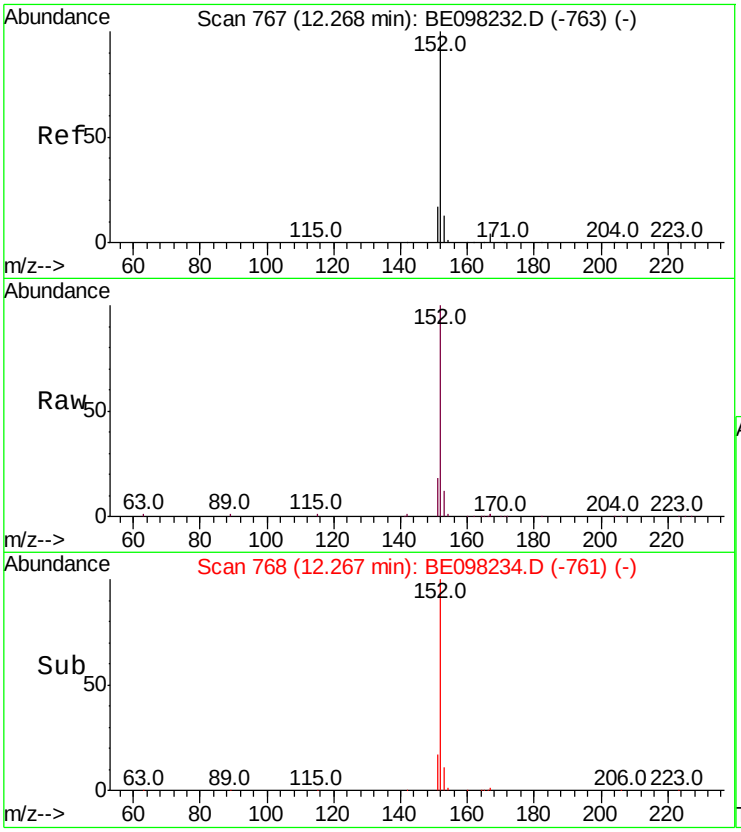


#10
Hexachlorobutadiene
Concen: 1.415 ng
RT: 11.01 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:225 Resp: 6127

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.5	75.7
227	64.4	50.3	75.5



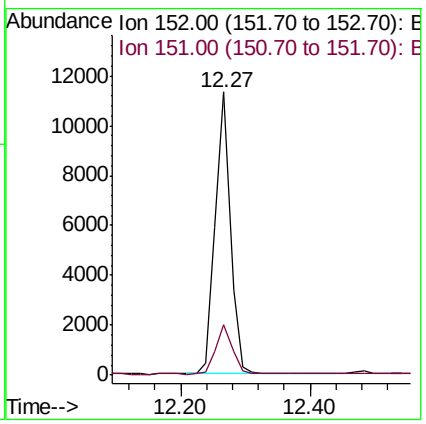


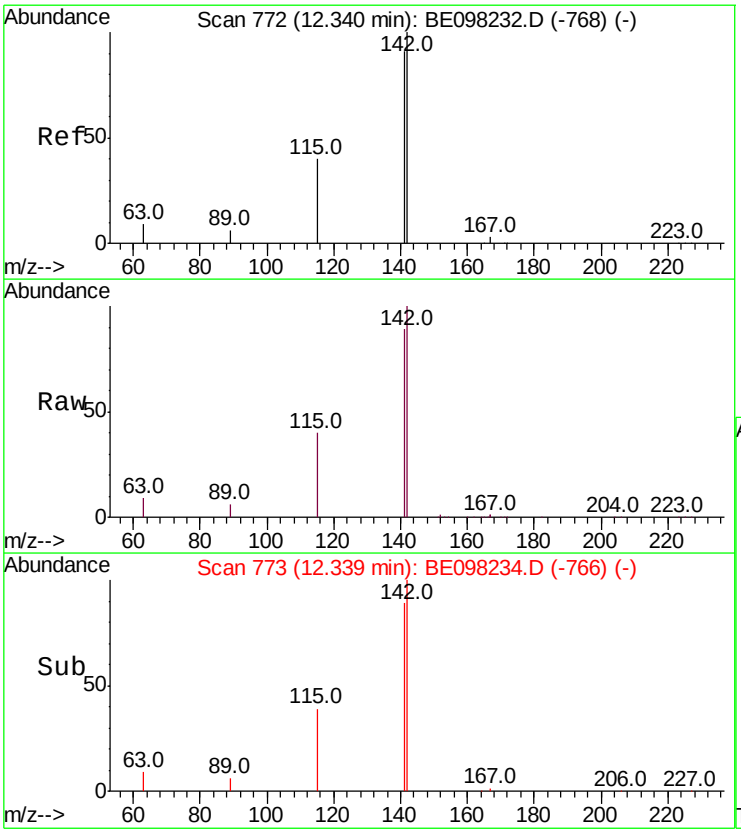
#11
2-Methylnaphthalene-d10
Concen: 1.546 ng
RT: 12.27 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 18569

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

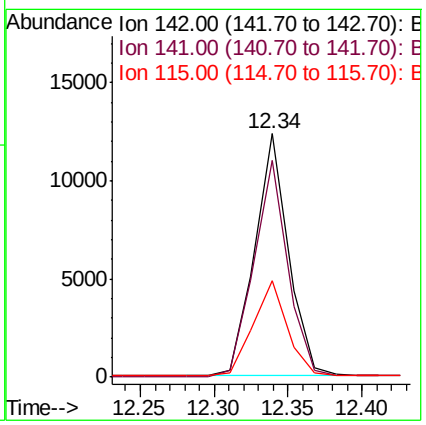


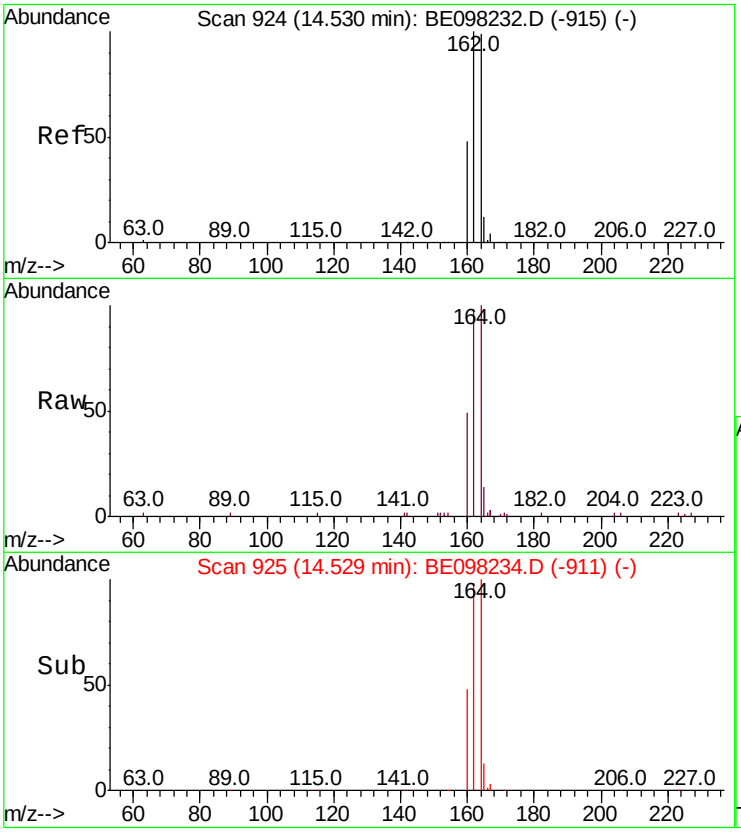


#12
2-Methylnaphthalene
Concen: 1.610 ng
RT: 12.34 min Scan# 773
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:142 Resp: 19445

Ion	Ratio	Lower	Upper
142	100		
141	89.1	76.3	114.5
115	39.7	35.8	53.8



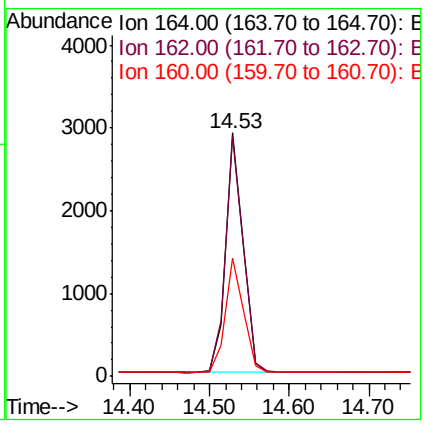


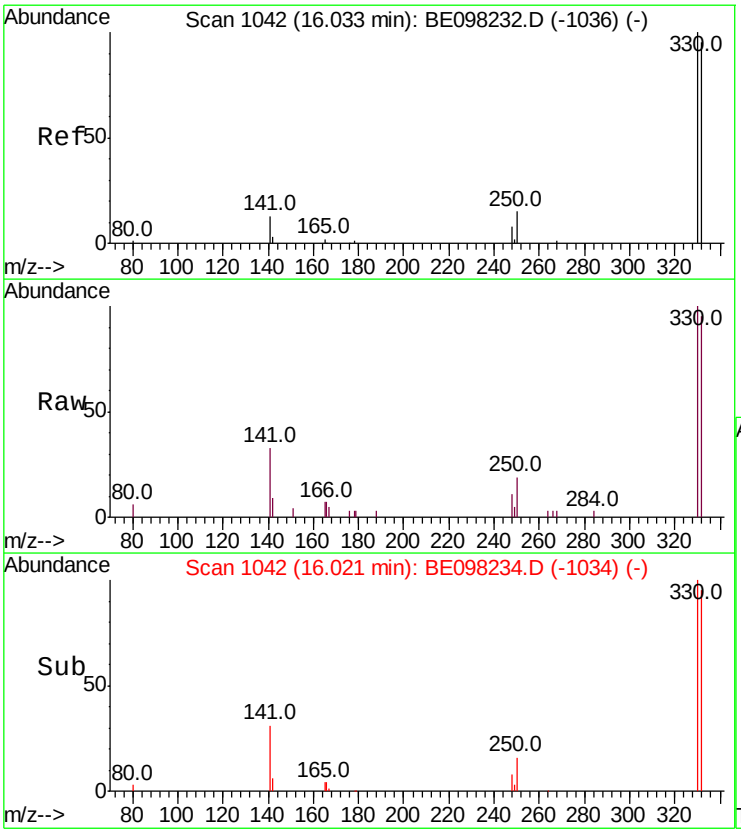
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4395

Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.8	122.6
160	48.8	39.4	59.0

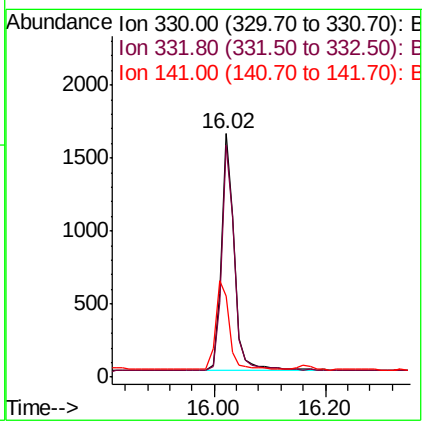


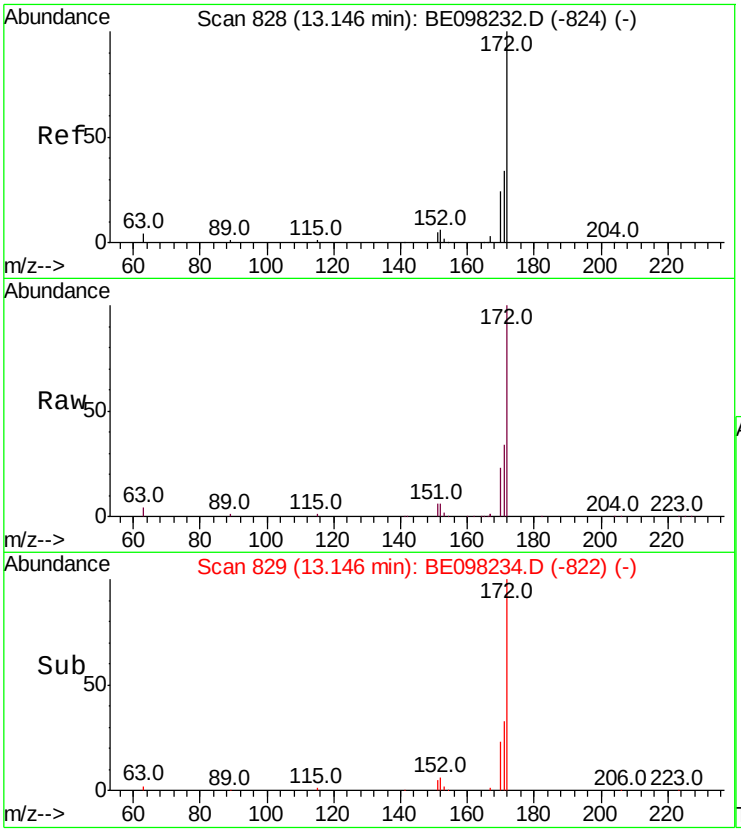


#14
2,4,6-Tribromophenol
Concen: 1.372 ng
RT: 16.02 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:330 Resp: 2630

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	38.8	33.6	50.4



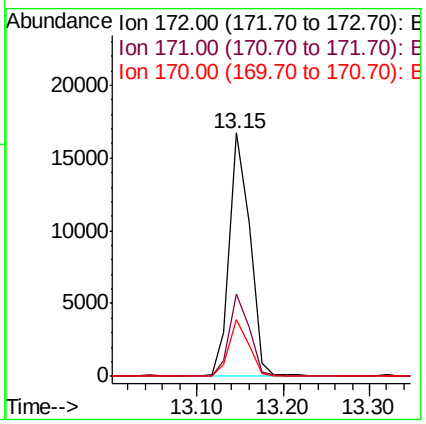


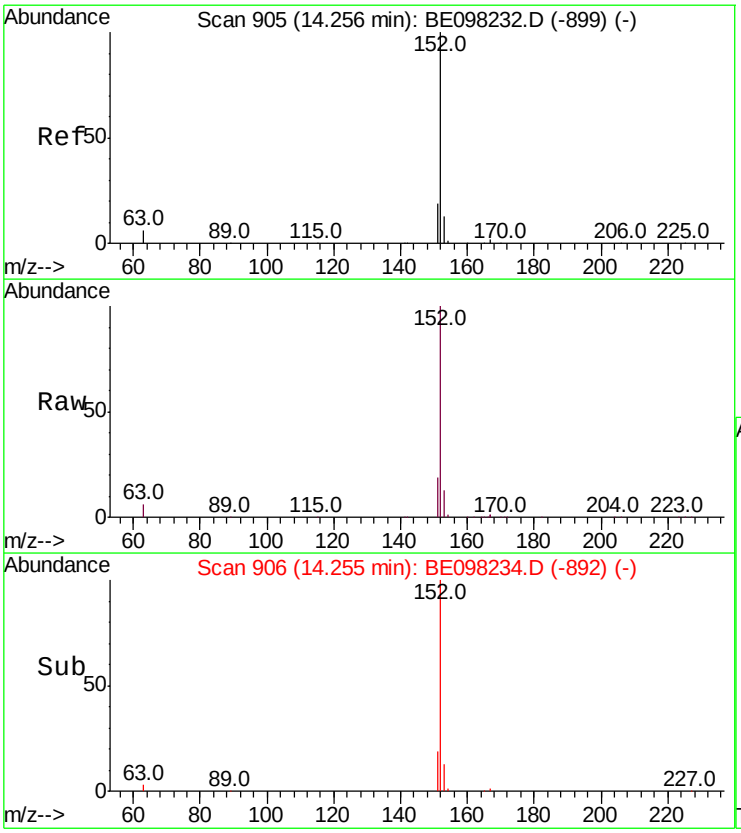
#15
2-Fluorobiphenyl
Concen: 1.474 ng
RT: 13.15 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 27121

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.3	40.9
170	23.2	19.4	29.0

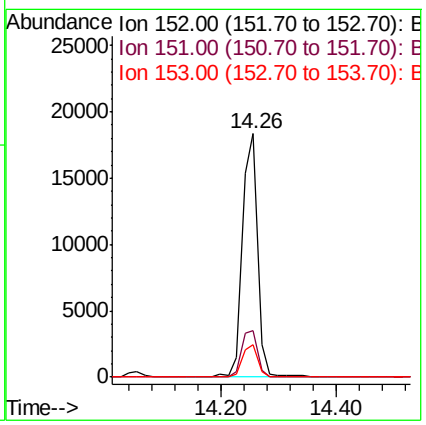


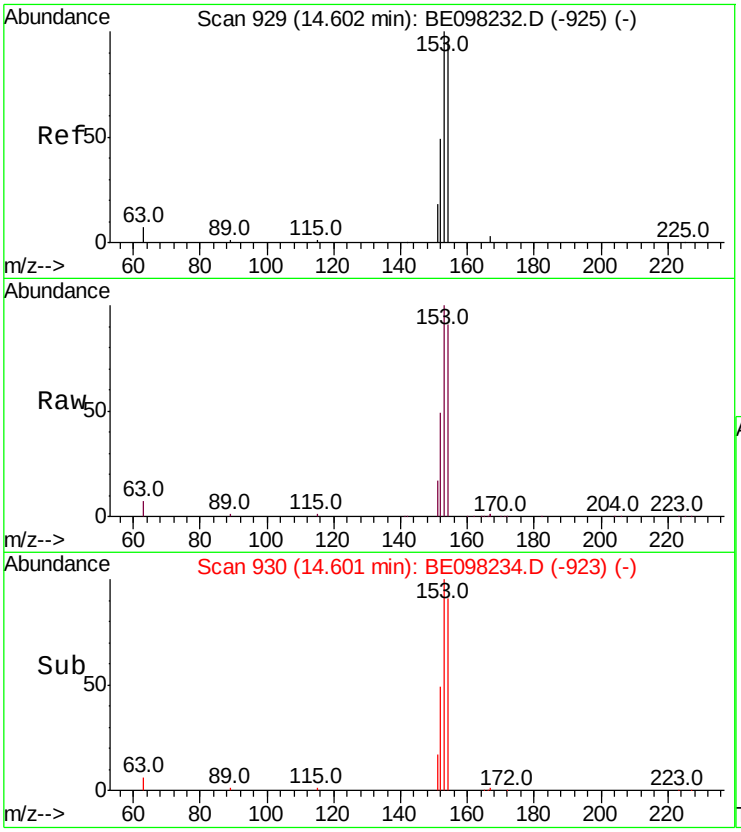


#16
Acenaphthylene
Concen: 1.640 ng
RT: 14.26 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:152 Resp: 33033

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6
153	12.9	10.6	15.8



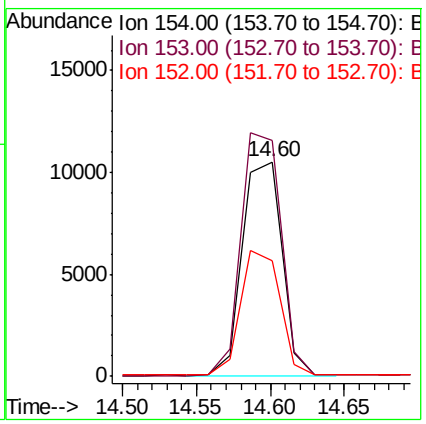


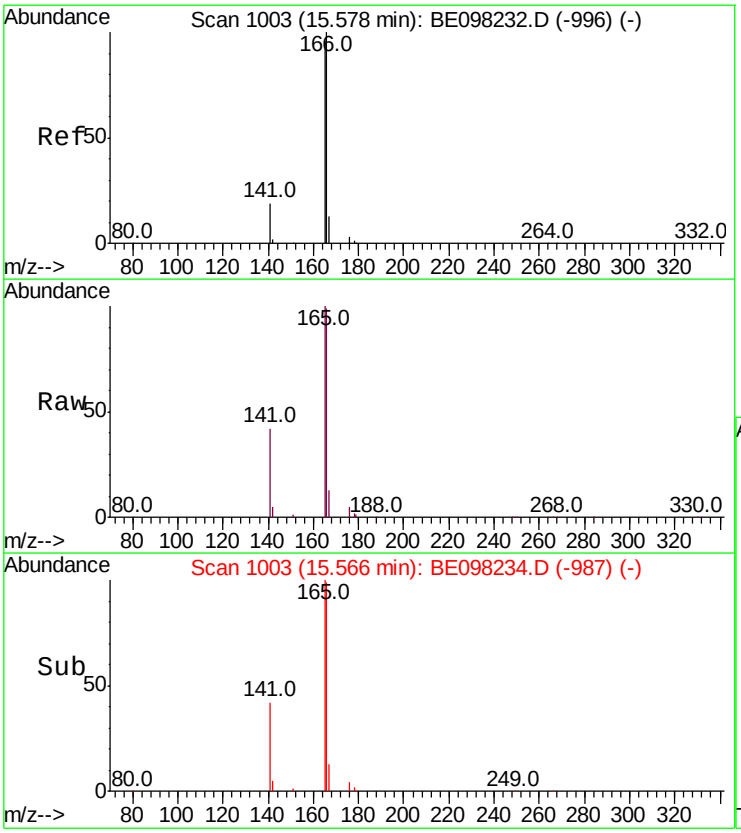
#17
Acenaphthene
Concen: 1.589 ng
RT: 14.60 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 19557

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.1	138.1
152	57.8	46.2	69.2

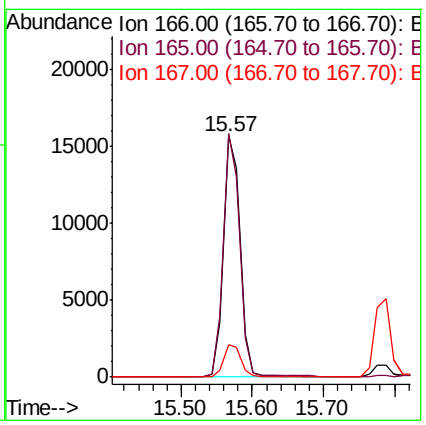


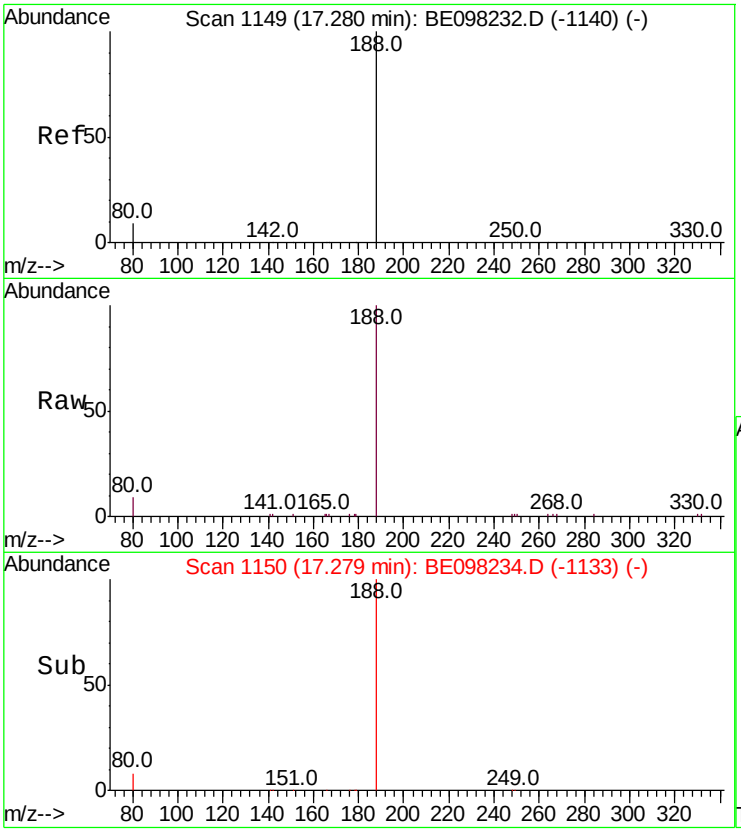


#18
Fluorene
Concen: 1.598 ng
RT: 15.57 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:166 Resp: 25172

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.1	120.1
167	13.4	10.8	16.2



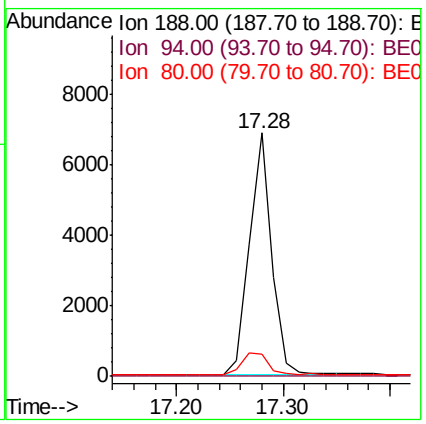


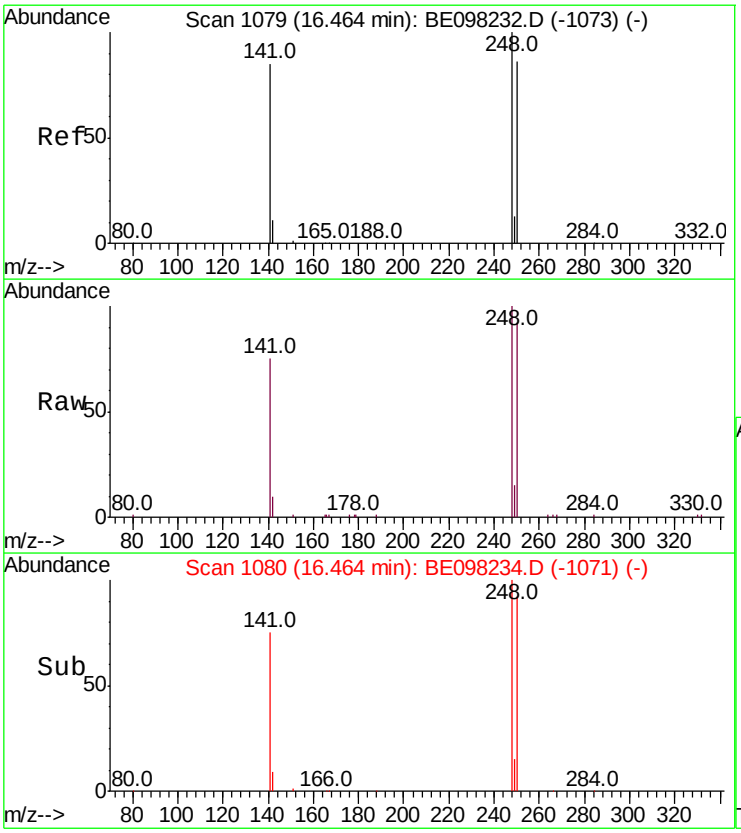
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9936

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.7	10.1

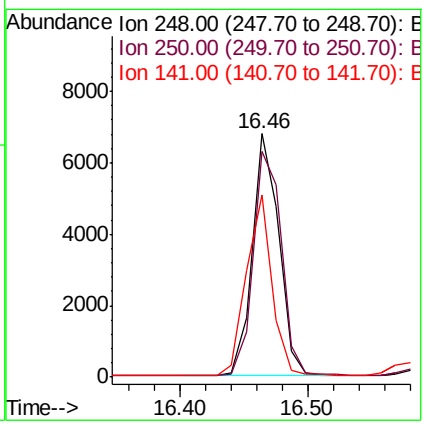


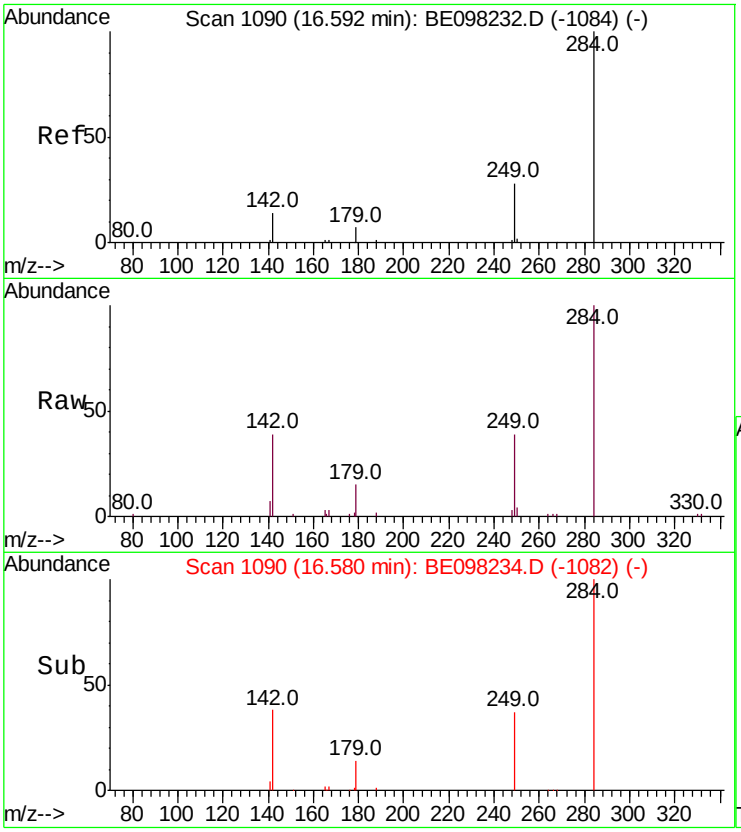


#20
4-Bromophenyl-phenylether
Concen: 1.616 ng
RT: 16.46 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:248 Resp: 9783

Ion	Ratio	Lower	Upper
248	100		
250	92.5	77.6	116.4
141	75.0	65.8	98.8



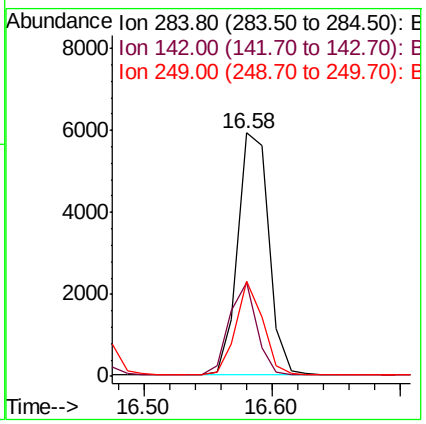


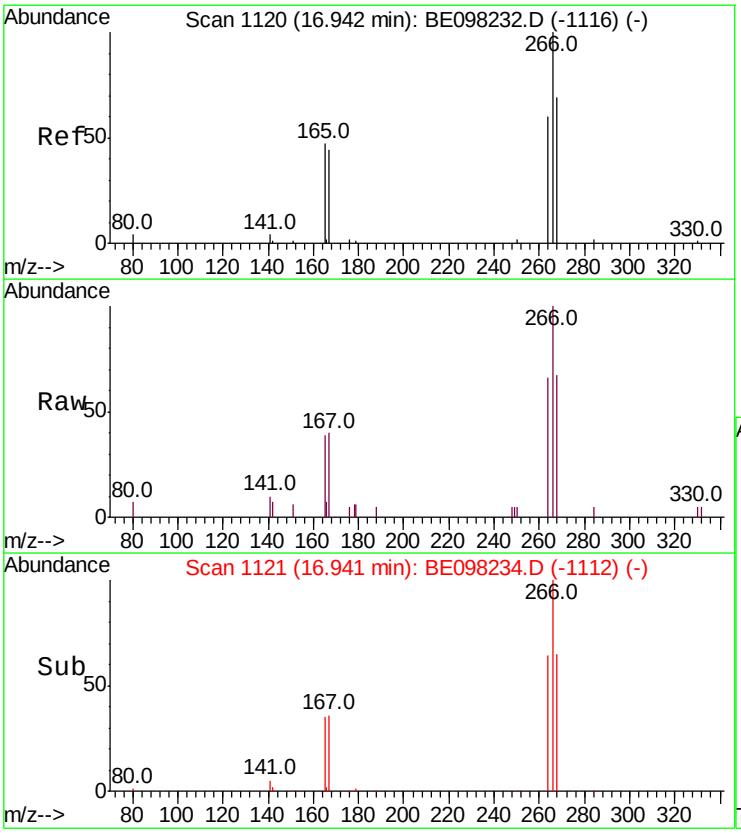
#21
Hexachlorobenzene
Concen: 1.568 ng
RT: 16.58 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9871

Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.5	39.7
249	33.3	28.4	42.6

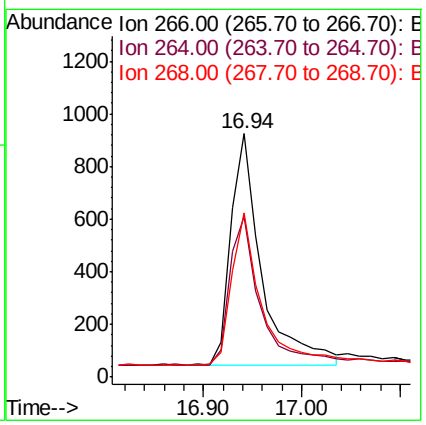


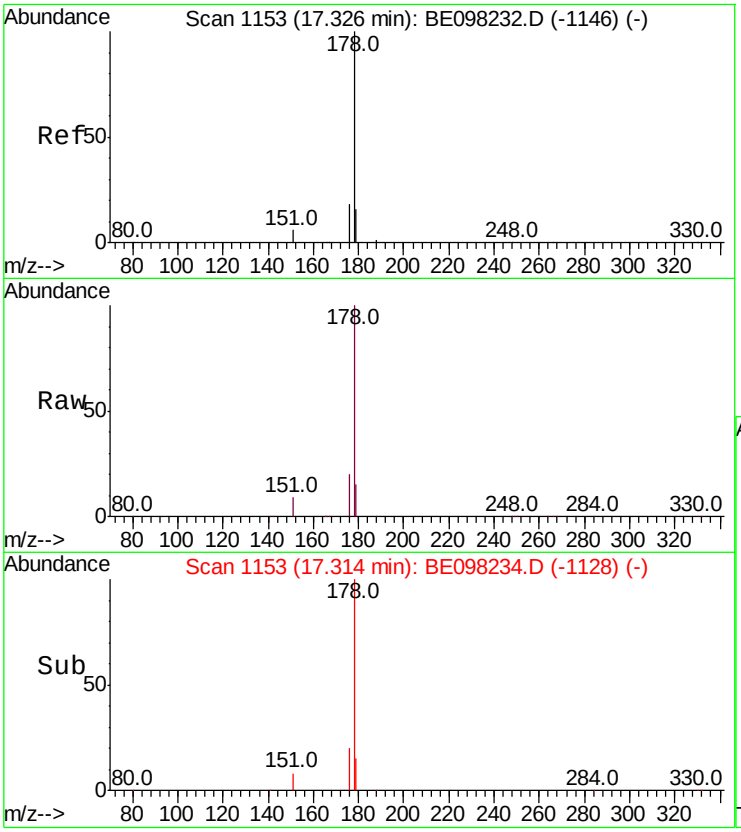


#22
Pentachlorophenol
Concen: 1.746 ng
RT: 16.94 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:266 Resp: 1911

Ion	Ratio	Lower	Upper
266	100		
264	66.1	57.6	86.4
268	67.2	56.8	85.2



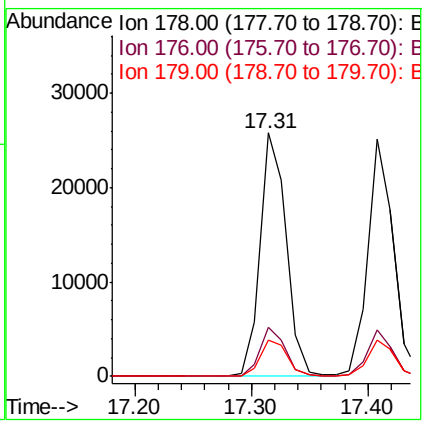


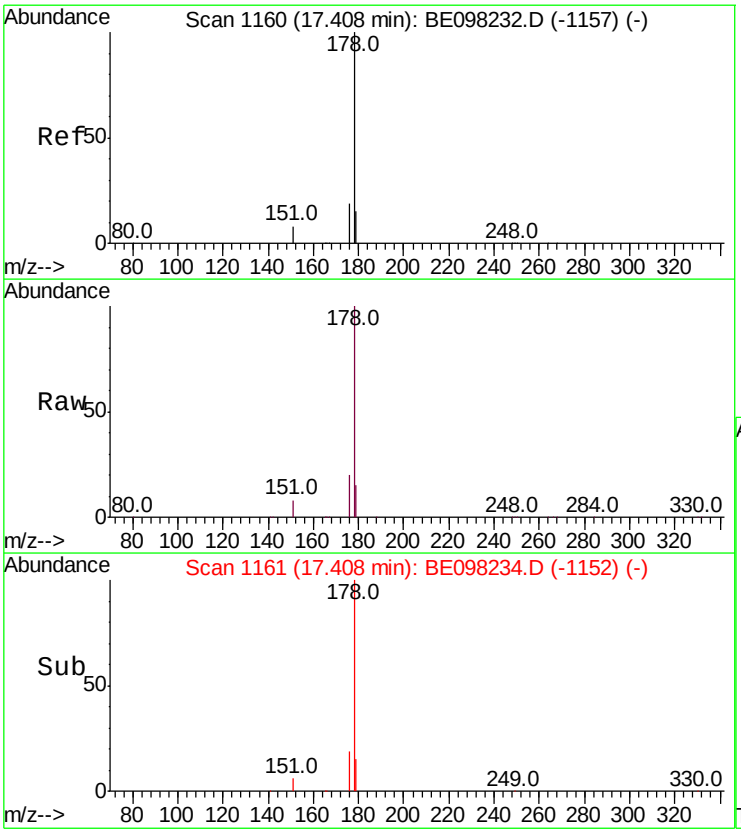
#23
Phenanthrene
Concen: 1.626 ng
RT: 17.31 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 40238

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.3	18.5

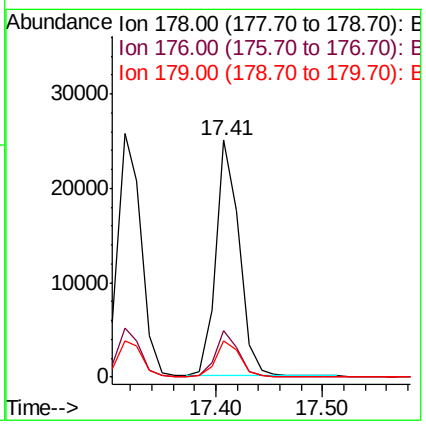


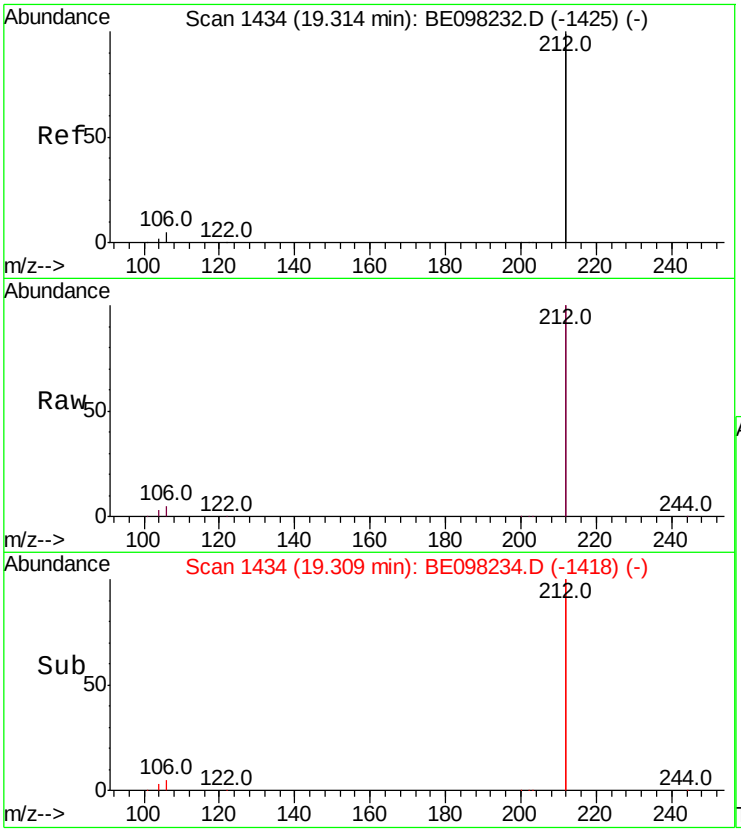


#24
Anthracene
Concen: 1.645 ng
RT: 17.41 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:178 Resp: 37927

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.3	12.1	18.1



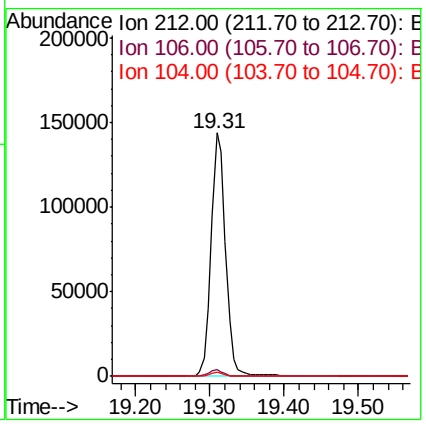


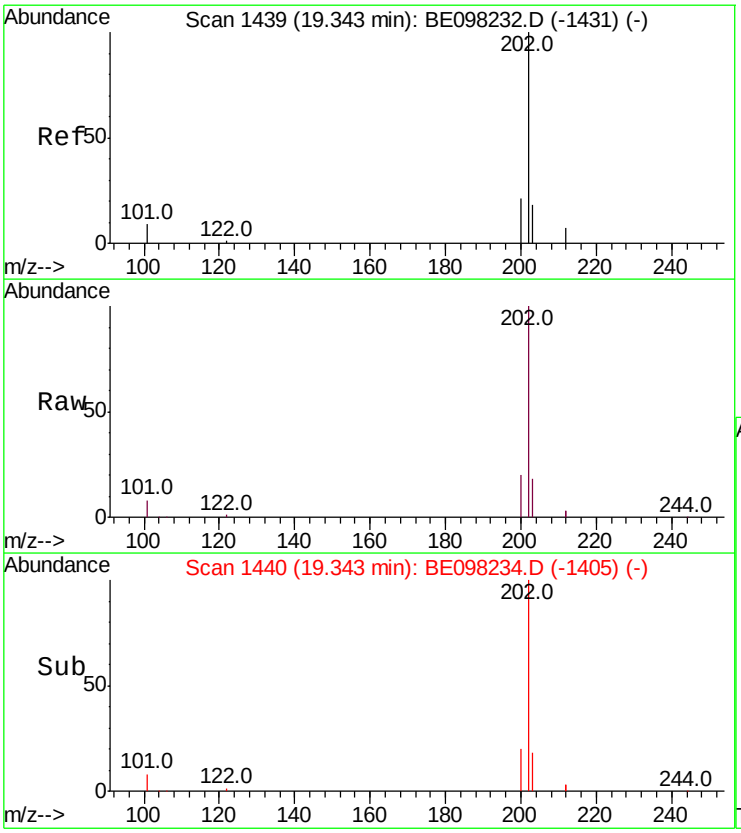
#25
Fluoranthene-d10
Concen: 1.562 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 193870

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.1	1.7

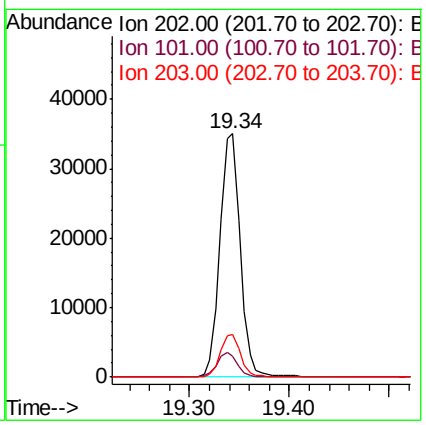


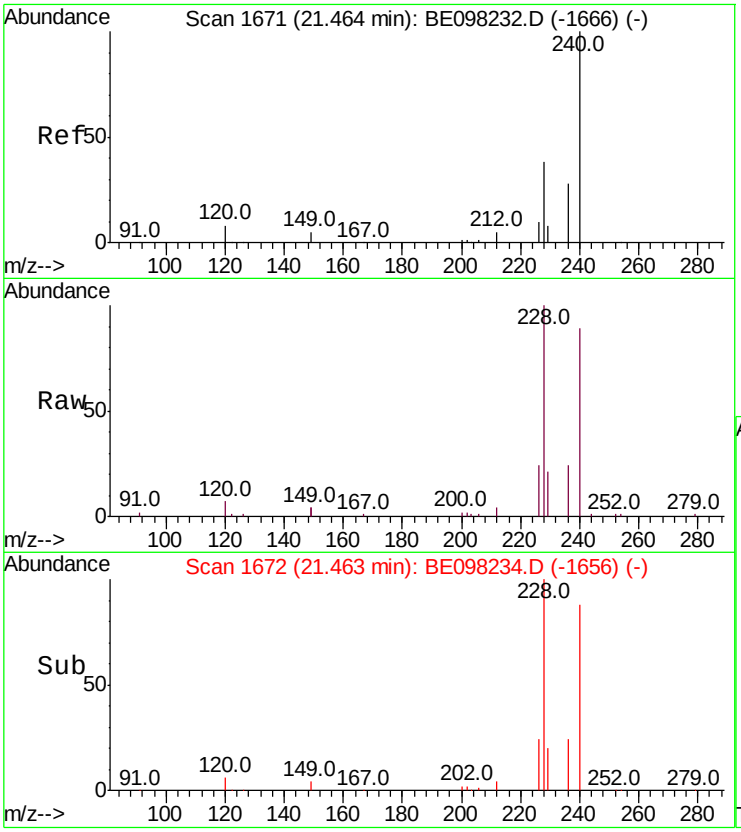


#26
Fluoranthene
Concen: 1.601 ng
RT: 19.34 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:202 Resp: 49075

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.0	10.6
203	17.4	13.7	20.5



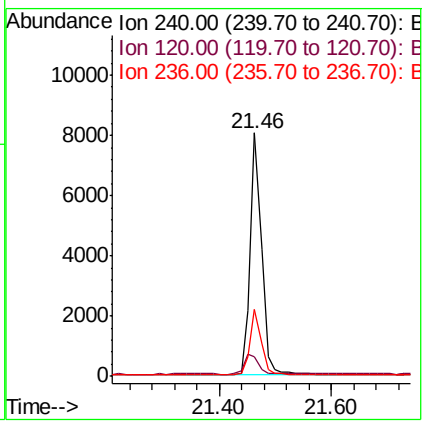


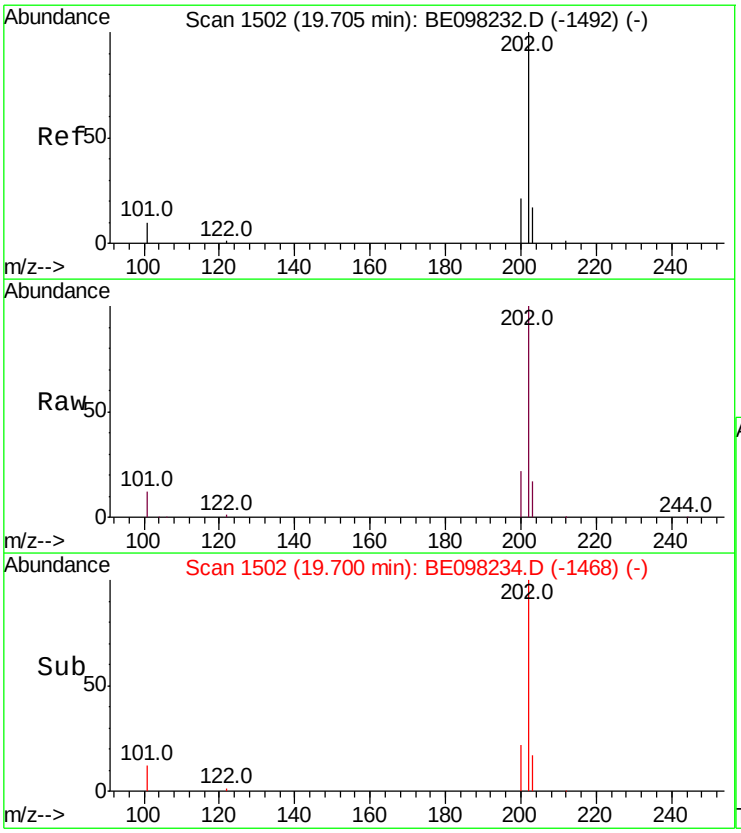
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11337

Ion	Ratio	Lower	Upper
240	100		
120	8.0	4.8	7.2#
236	27.3	21.4	32.0

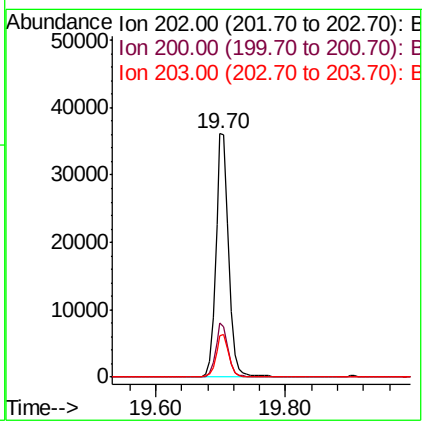


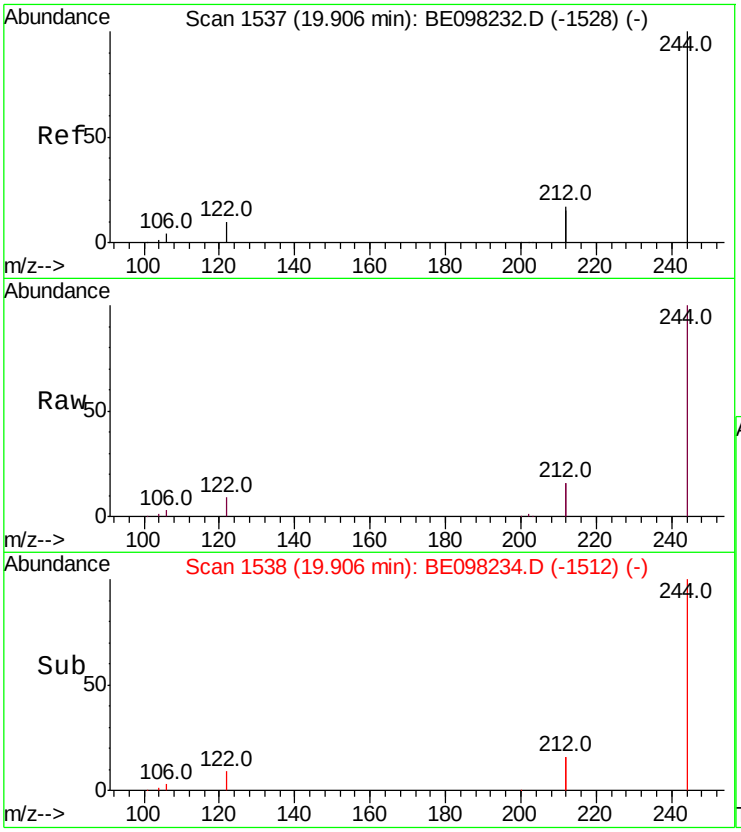


#28
Pyrene
Concen: 1.610 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:202 Resp: 50215

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.5	14.2	21.4



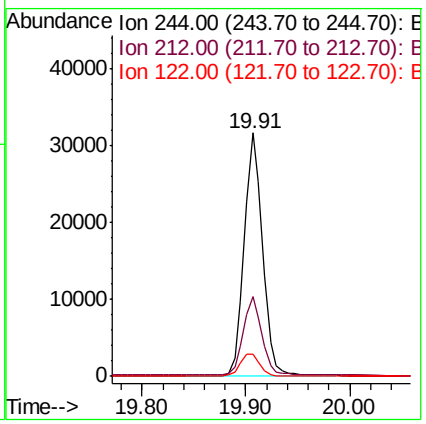


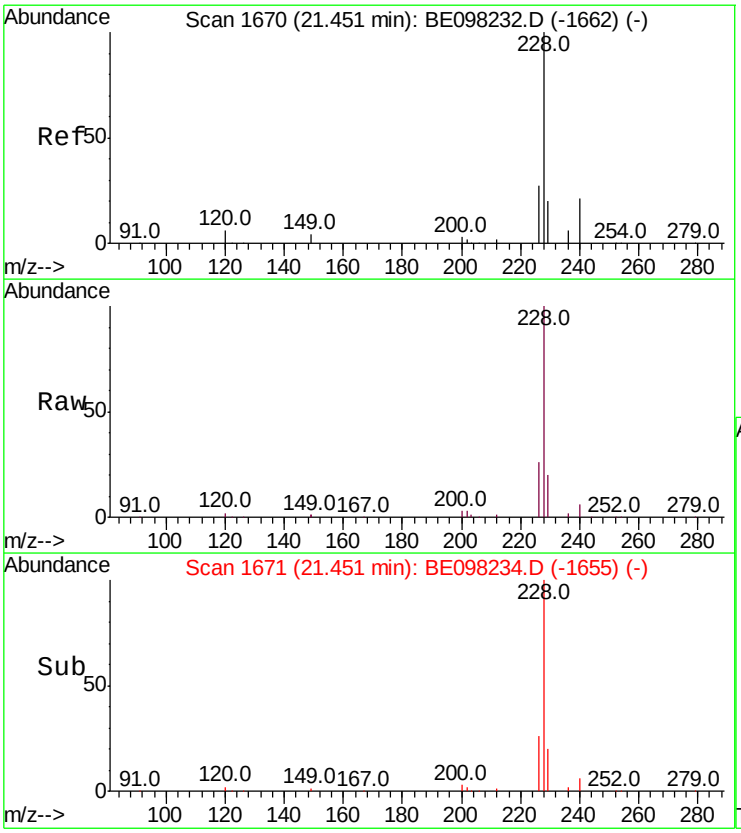
#29
Terphenyl-d14
Concen: 1.513 ng
RT: 19.91 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 38925

Ion	Ratio	Lower	Upper
244	100		
212	32.7	26.8	40.2
122	9.3	7.0	10.6

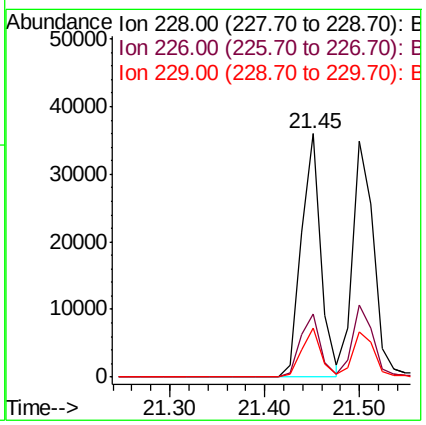


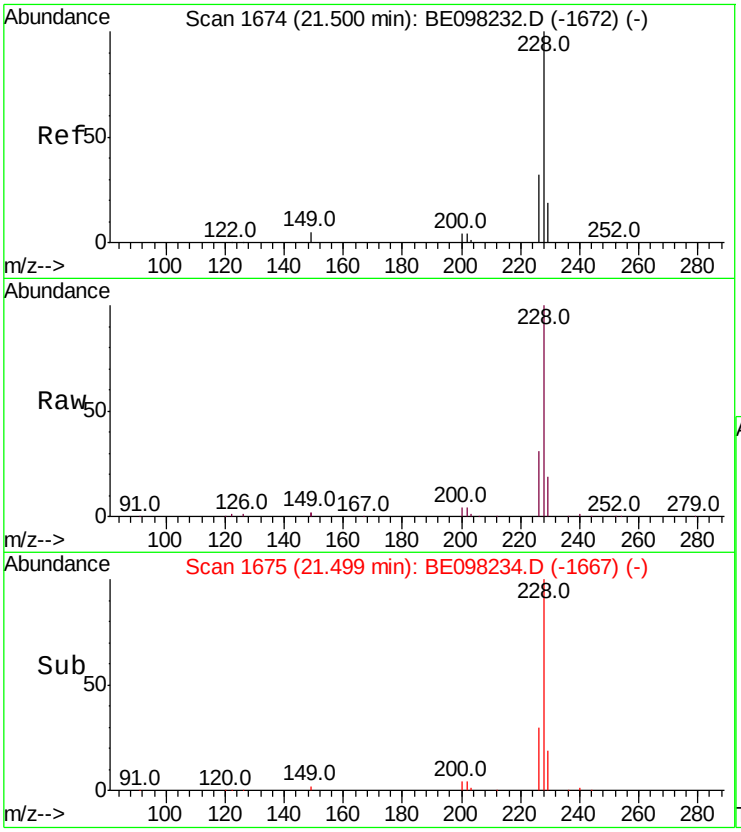


#30
Benzo(a)anthracene
Concen: 1.578 ng
RT: 21.45 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:228 Resp: 50827

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	20.0	16.2	24.4



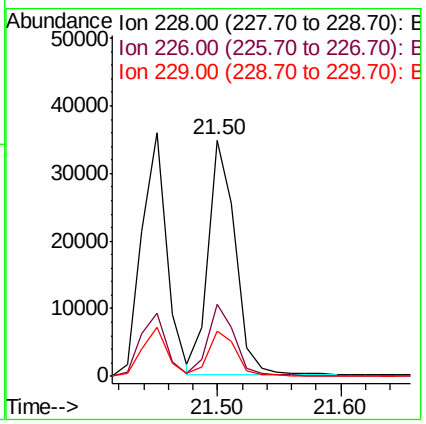


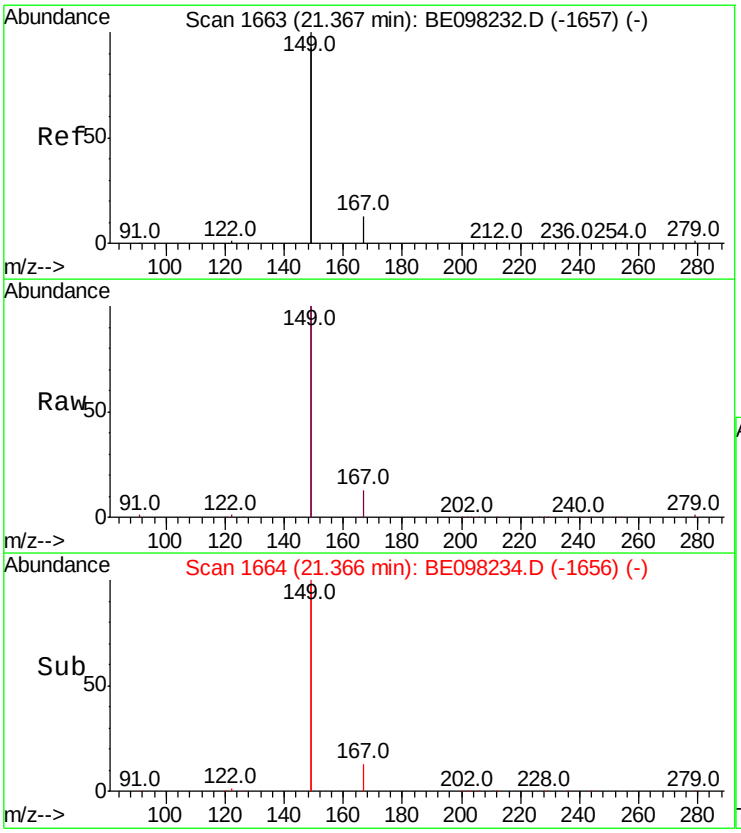
#31
Chrysene
Concen: 1.608 ng
RT: 21.50 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 52593

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	36.8
229	19.2	16.0	24.0

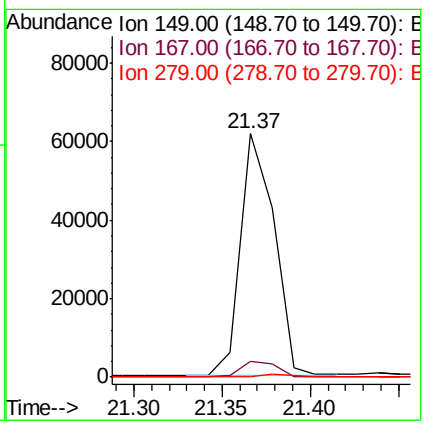


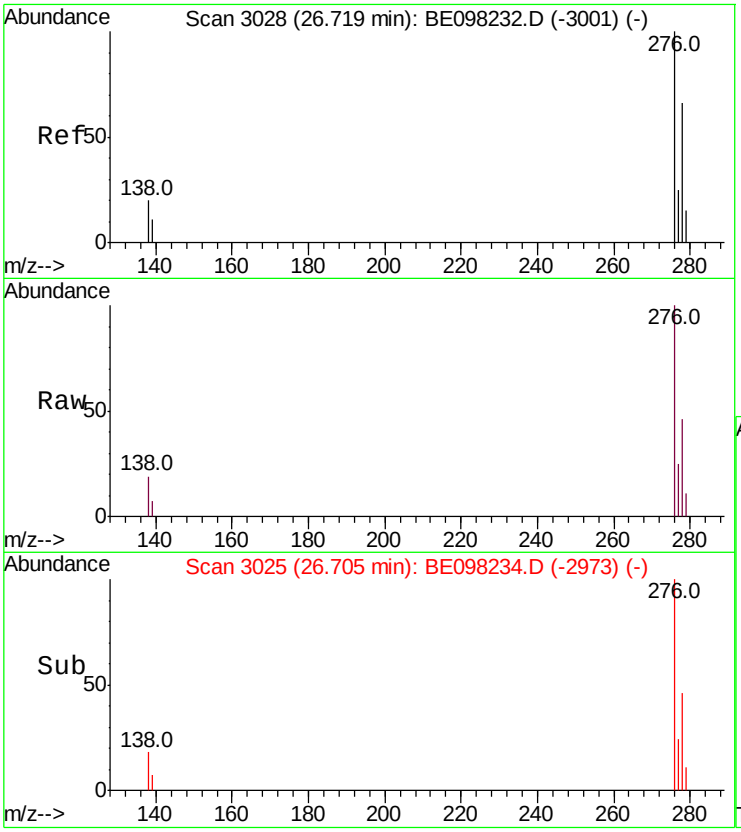


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.218 ng
RT: 21.37 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:149 Resp: 81457

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.0	0.9	1.3



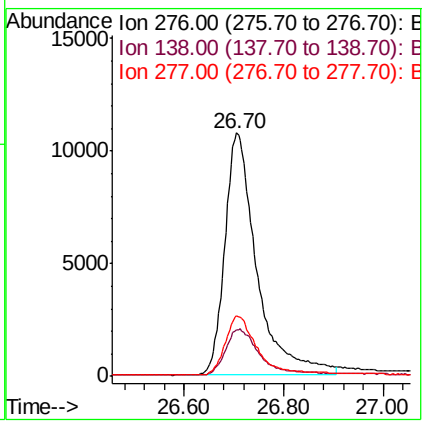


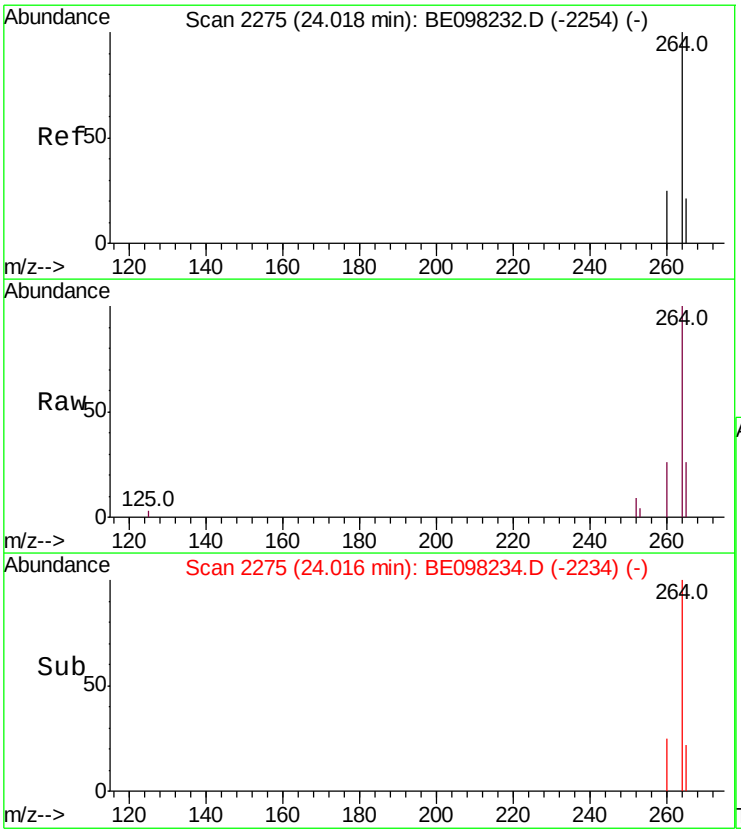
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.608 ng
RT: 26.70 min Scan# 3025
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 48230

Ion	Ratio	Lower	Upper
276	100		
138	19.8	6.4	9.6#
277	24.5	18.9	28.3

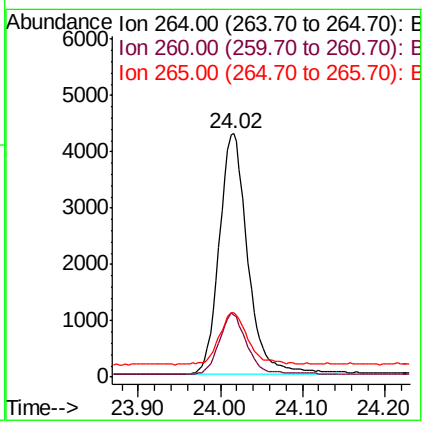


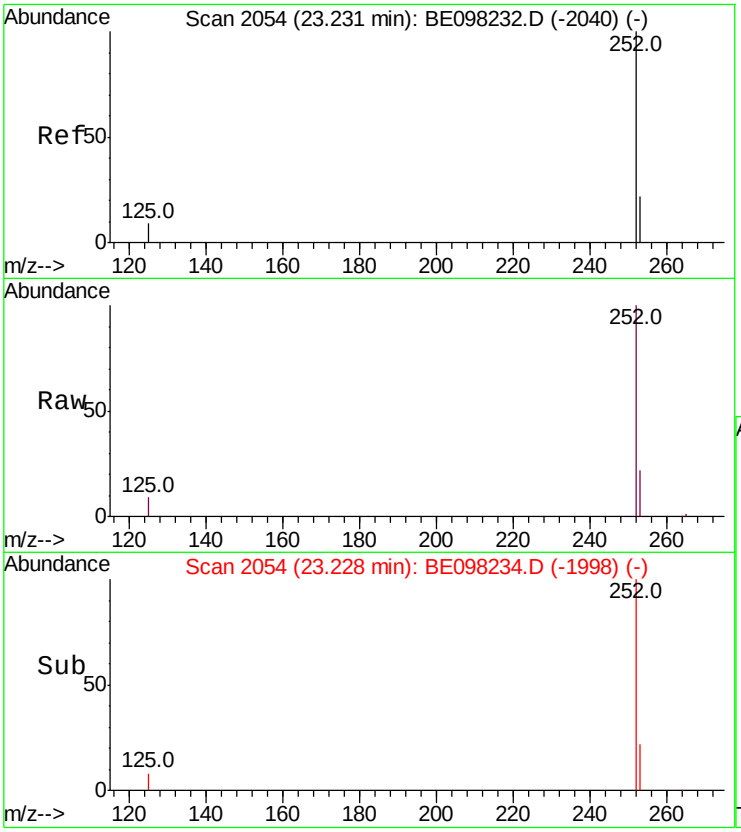


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:264 Resp: 10281

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.9	29.9
265	26.4	21.3	31.9



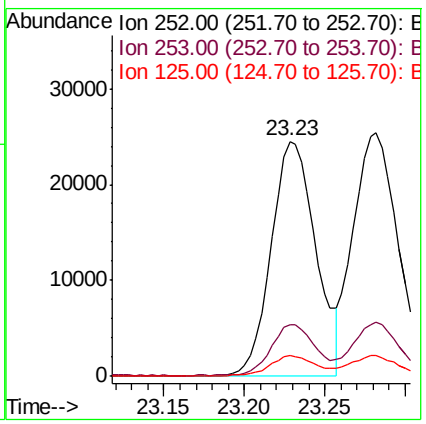


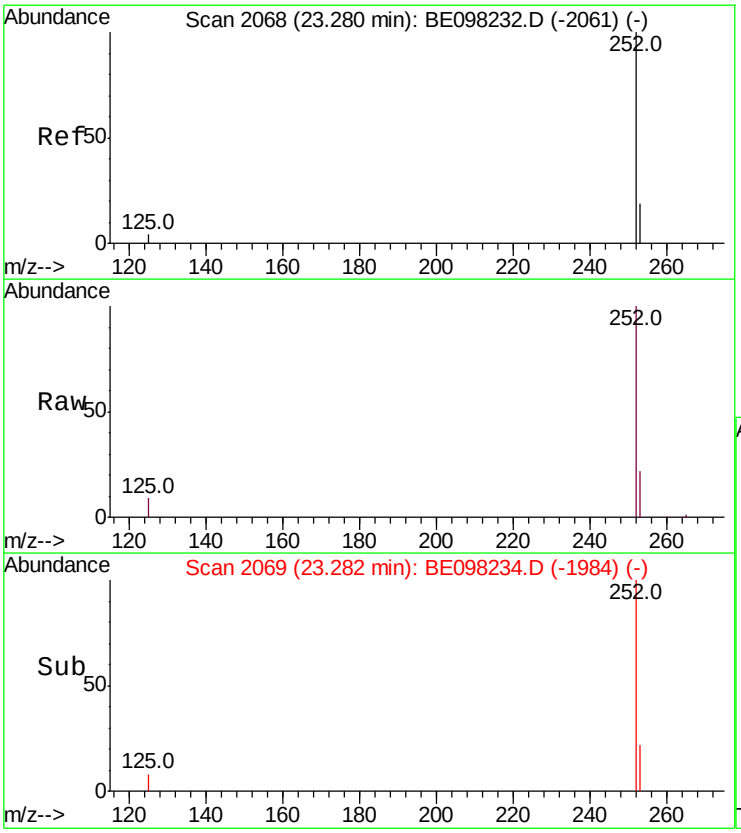
#35
Benzo(b)fluoranthene
Concen: 1.613 ng
RT: 23.23 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 47055

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.0
125	8.8	8.6	12.8

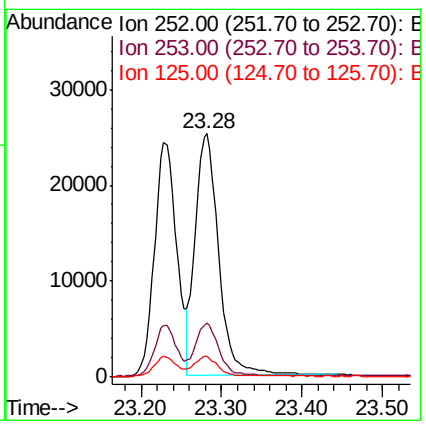


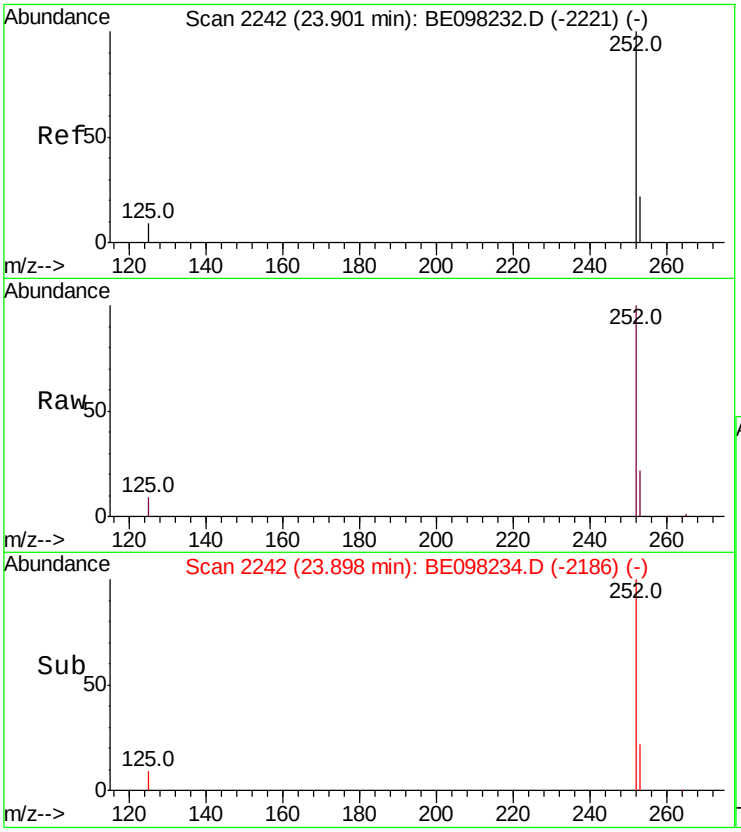


#36
Benzo(k)fluoranthene
Concen: 1.670 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:252 Resp: 51391

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	8.7	7.4	11.0



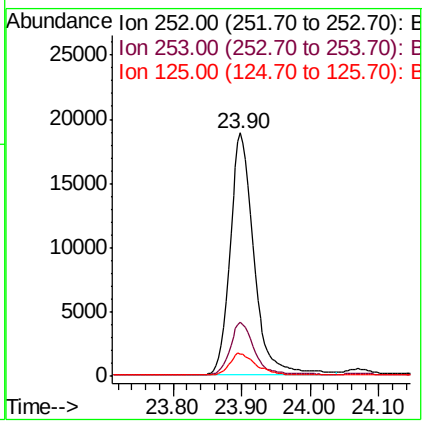


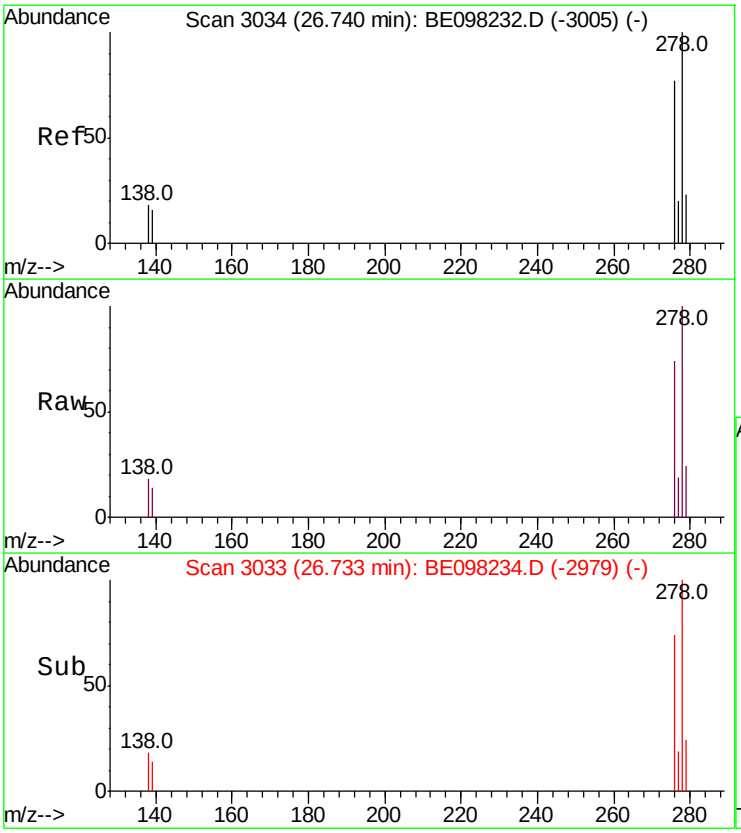
#37
Benzo(a)pyrene
Concen: 1.628 ng
RT: 23.90 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 45539

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	9.3	8.0	12.0

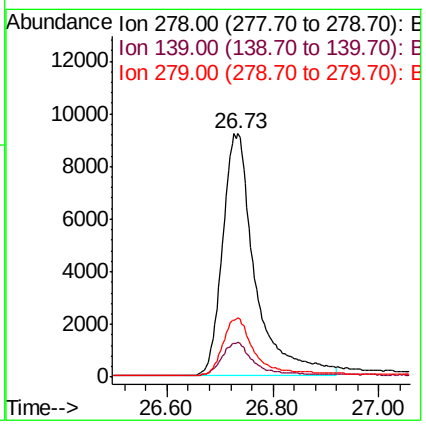


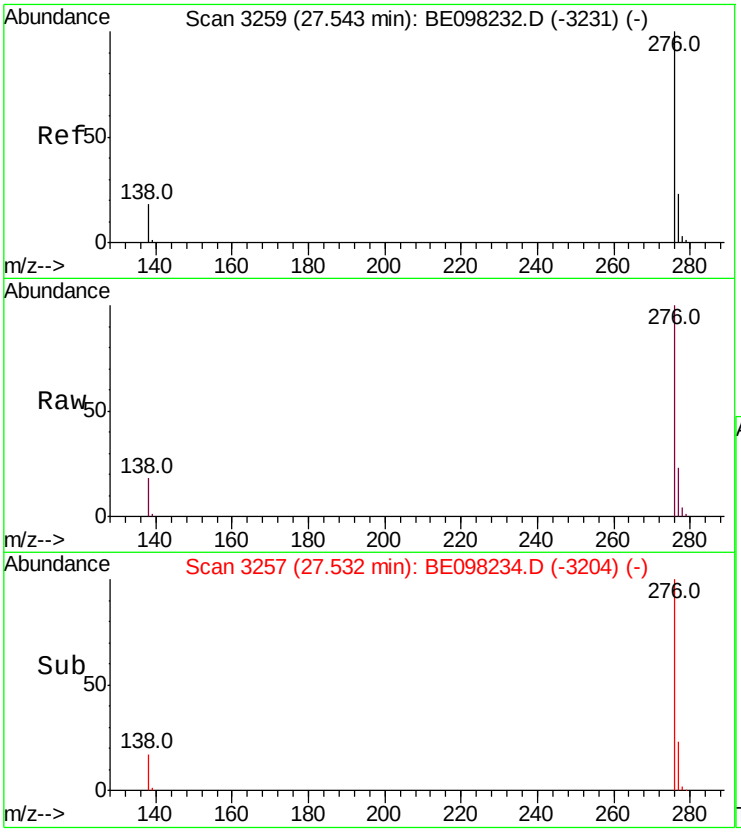


#38
Dibenzo(a,h)anthracene
Concen: 1.652 ng
RT: 26.73 min Scan# 3033
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:278 Resp: 39371

Ion	Ratio	Lower	Upper
278	100		
139	14.2	16.4	24.6#
279	24.1	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 1.630 ng
RT: 27.53 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 40556

Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.4	30.6
138	18.0	13.2	19.8