Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098141.D
Acq On : 1 Nov 2018 11:47
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 01 12:22:34 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 11:18:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1106	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	5242	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3536	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	8100	0.40	ng		0.00
27) Chrysene-d12	21.46	240	9634	0.40	ng		0.00
34) Perylene-d12	24.01	264	9252	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	4812	1.44	ng		0.00
5) Phenol-d6	7.05	99	8077	1.45	ng		0.00
8) Nitrobenzene-d5	9.02	82	8693	1.56	ng		-0.01
11) 2-Methylnaphthalene-d10	12.27	152	14431	1.55	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	2576	1.45	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	21339	1.49	ng		0.00
25) Fluoranthene-d10	19.31	212	162626	1.57	ng		0.00
29) Terphenyl-d14	19.91	244	33759	1.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	2390	1.404	ng		99
3) n-Nitrosodimethylamine	3.68	42	3589	1.580	ng	#	80
6) bis(2-Chloroethyl)ether	7.29	93	5875	1.504	ng		93
9) Naphthalene	10.72	128	81084	1.557	ng		99
10) Hexachlorobutadiene	11.00	225	5358	1.518	ng		96
12) 2-Methylnaphthalene	12.34	142	14617	1.552	ng	#	92
16) Acenaphthylene	14.26	152	25089	1.567	ng		99
17) Acenaphthene	14.60	154	15383	1.590	ng		99
18) Fluorene	15.58	166	20435	1.566	ng		99
20) 4-Bromophenyl-phenylether	16.47	248	7913	1.618	ng	#	83
21) Hexachlorobenzene	16.59	284	8227	1.613	ng		99
22) Pentachlorophenol	16.94	266	1976	4.652	ng		98
23) Phenanthrene	17.33	178	31610	1.590	ng		100
24) Anthracene	17.41	178	31099	1.593	ng		99
26) Fluoranthene	19.34	202	39345	1.588	ng	#	96
28) Pyrene	19.71	202	40858	1.536	ng		99
30) Benzo(a)anthracene	21.45	228	43376	1.524	ng		97
31) Chrysene	21.50	228	42927	1.552	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	108444	1.604	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	45141	1.494	ng	#	95
35) Benzo(b)fluoranthene	23.23	252	40103	1.561	ng	#	86
36) Benzo(k)fluoranthene	23.28	252	43181	1.616	ng	#	86
37) Benzo(a)pyrene	23.89	252	39471	1.563	ng	#	86
38) Dibenzo(a,h)anthracene	26.72	278	38406	1.561	ng	#	89
39) Benzo(g,h,i)perylene	27.53	276	37728	1.546	ng	#	87

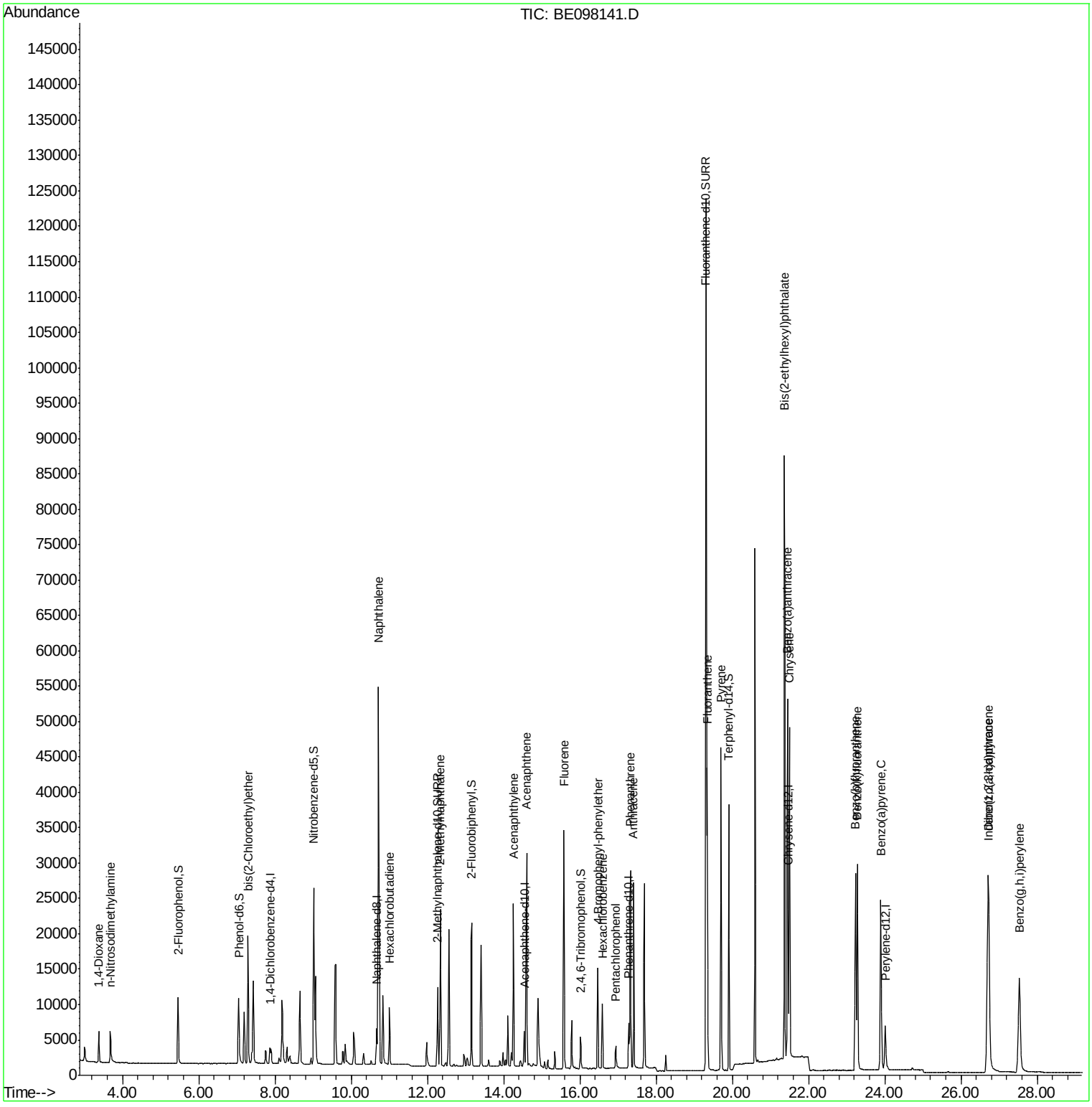
(#) = qualifier out of range (m) = manual integration (+) = signals summed

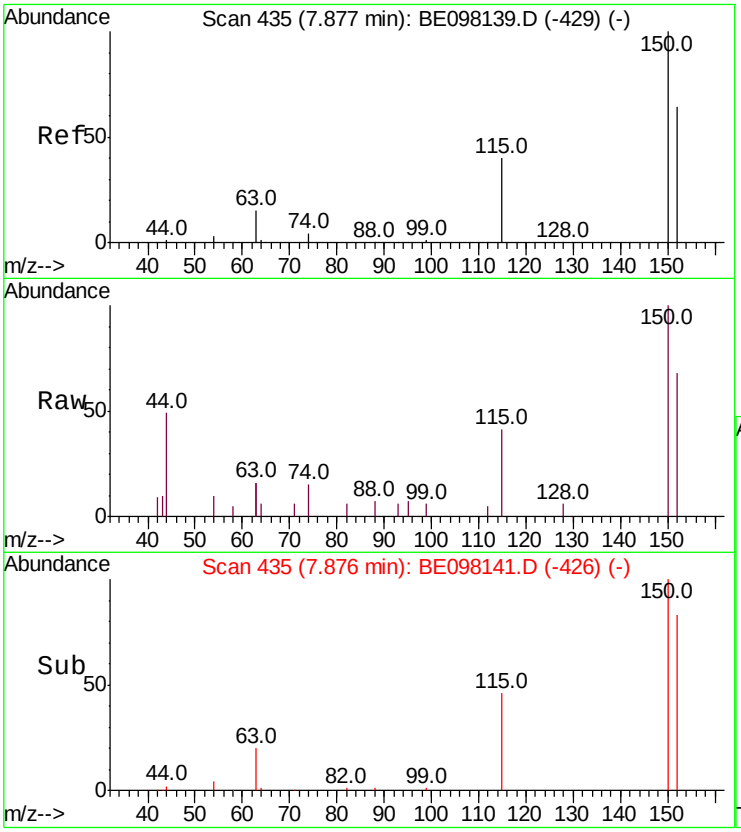
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098141.D
Acq On : 1 Nov 2018 11:47
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 01 12:22:34 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 11:18:18 2018
Response via : Initial Calibration



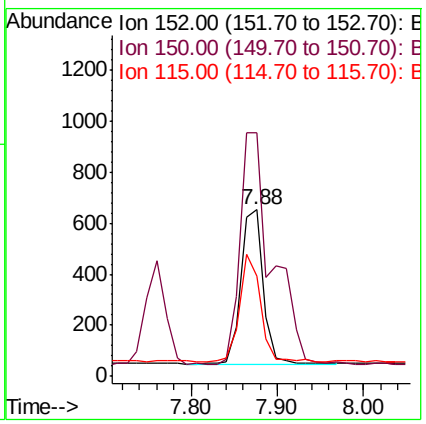


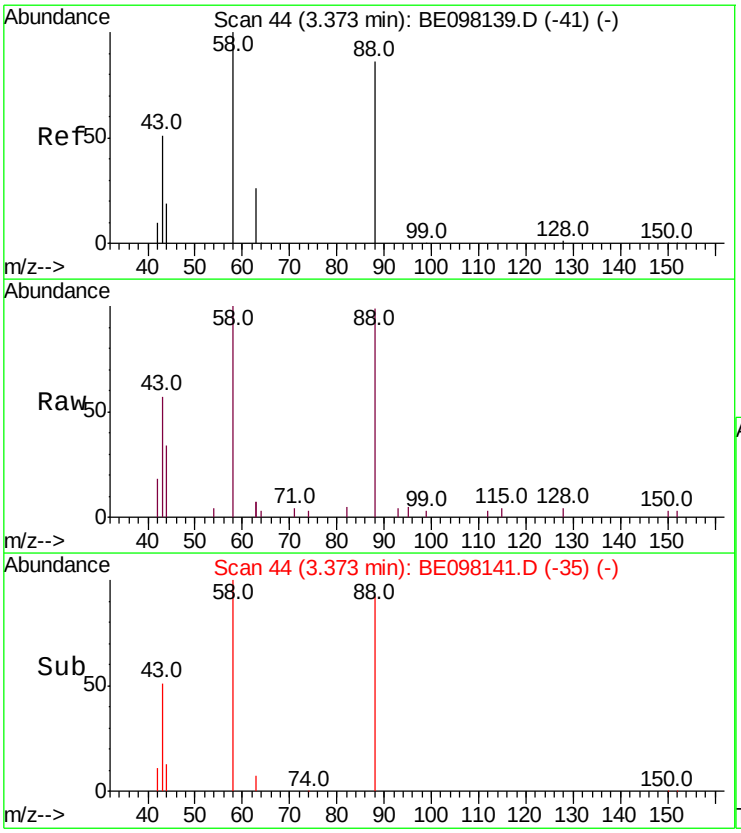
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1106

Ion	Ratio	Lower	Upper
152	100		
150	146.3	118.2	177.4
115	60.3	50.9	76.3

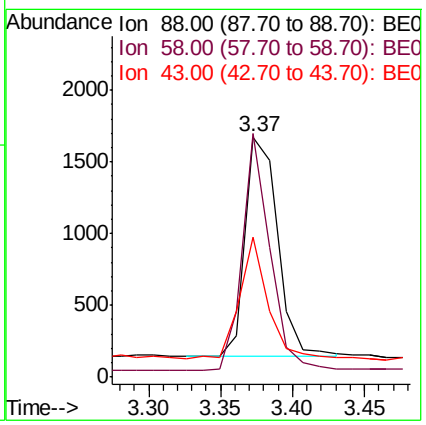


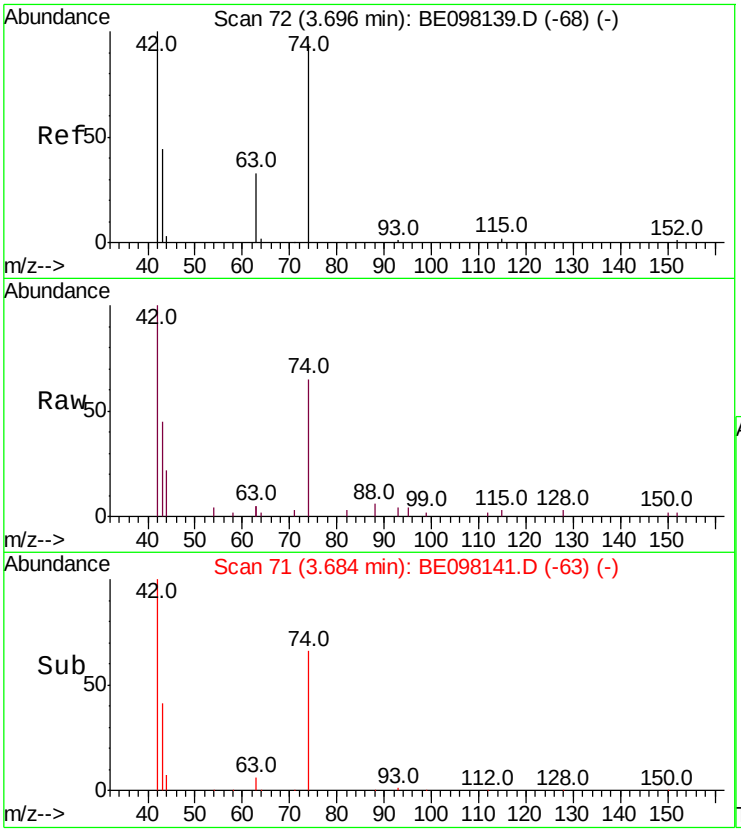


#2
1,4-Dioxane
Concen: 1.404 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion: 88 Resp: 2390

Ion	Ratio	Lower	Upper
88	100		
58	92.1	73.2	109.8
43	47.6	36.9	55.3



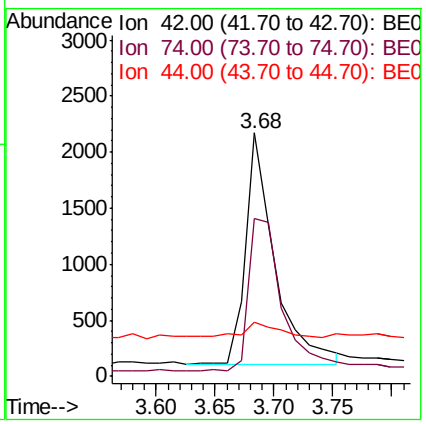


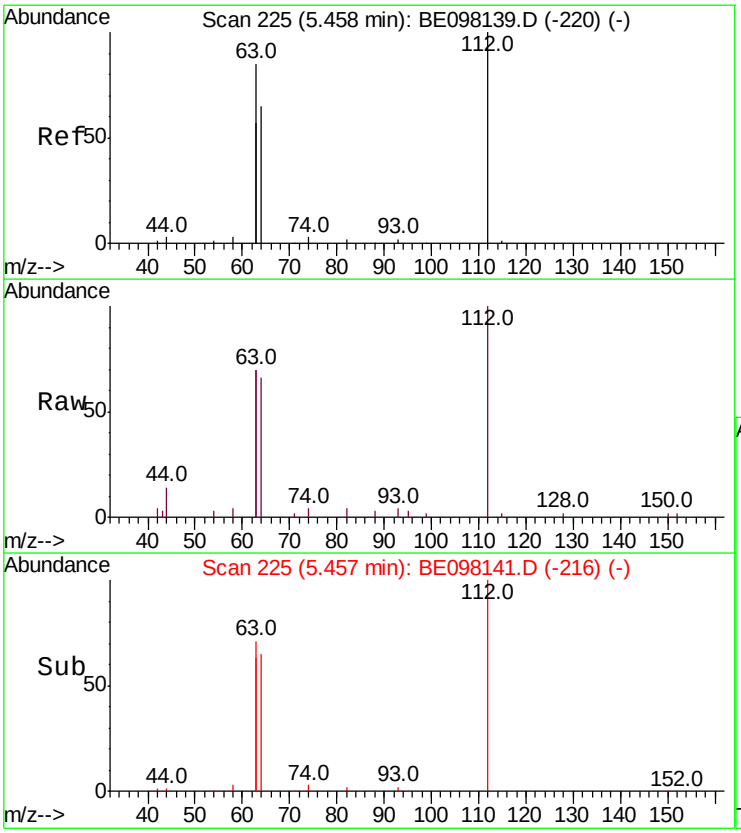
#3
n-Nitrosodimethylamine
Concen: 1.580 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3589

Ion	Ratio	Lower	Upper
42	100		
74	76.0	77.6	116.4#
44	7.7	7.6	11.4

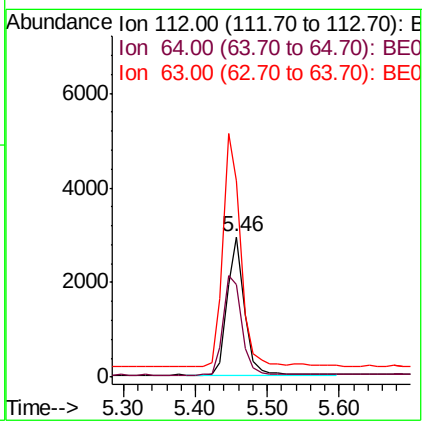


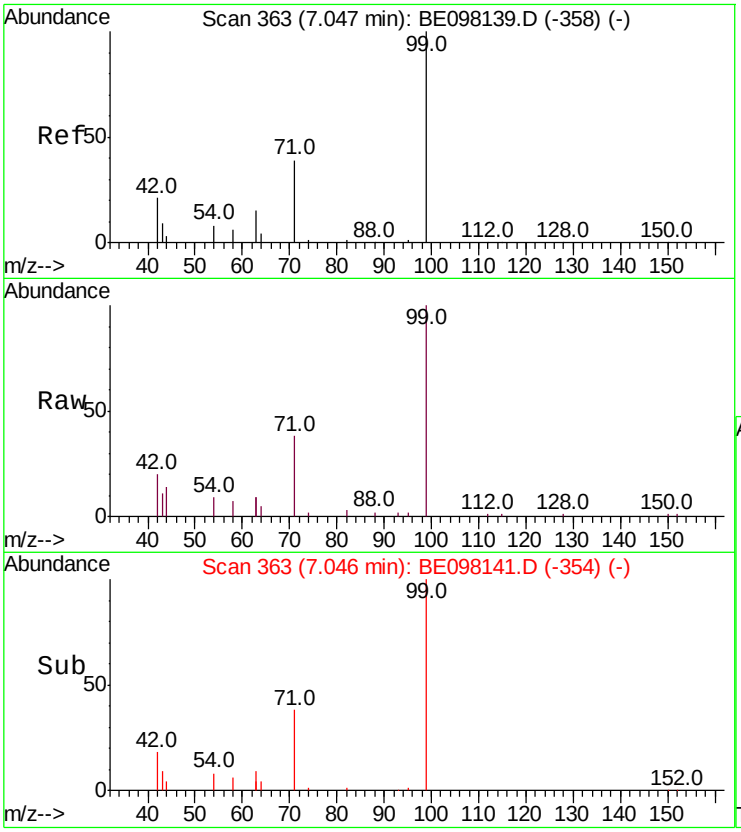


#4
2-Fluorophenol
Concen: 1.437 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:112 Resp: 4812

Ion	Ratio	Lower	Upper
112	100		
64	79.5	58.9	88.3
63	175.4	120.3	180.5



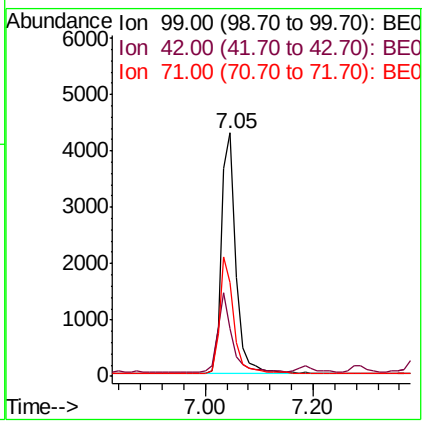


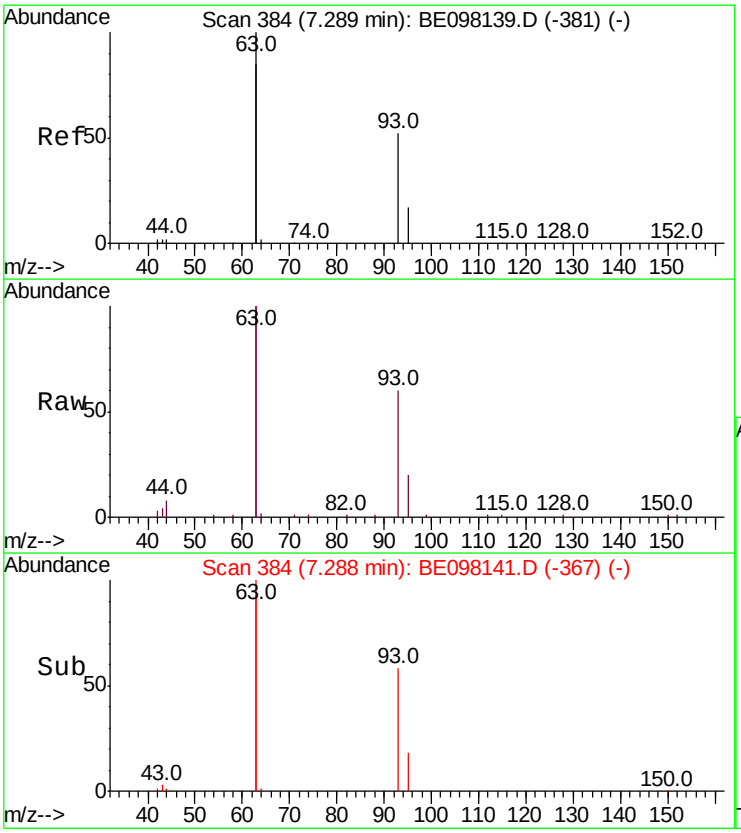
#5
Phenol-d6
Concen: 1.448 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8077

Ion	Ratio	Lower	Upper
99	100		
42	31.6	19.9	29.9#
71	46.5	27.8	41.8#

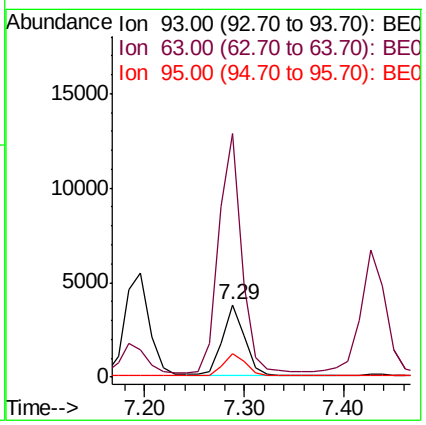


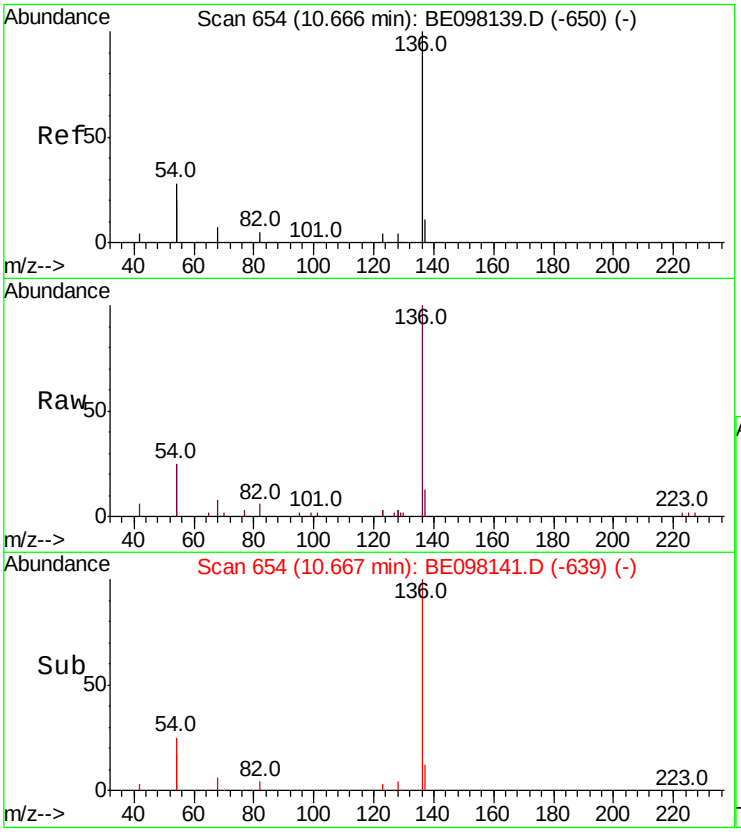


#6
bis(2-Chloroethyl)ether
Concen: 1.504 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion: 93 Resp: 5875

Ion	Ratio	Lower	Upper
93	100		
63	339.3	259.0	388.4
95	31.6	27.8	41.8



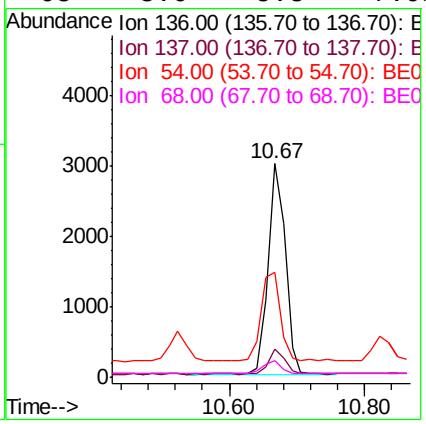


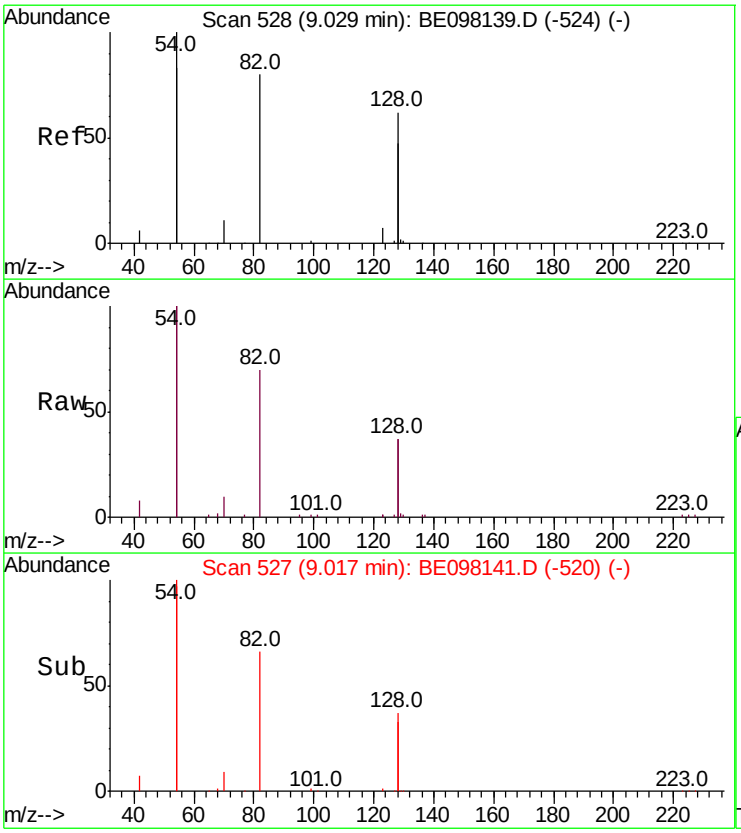
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5242

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.6	14.4
54	49.2	27.7	41.5#
68	8.0	5.3	7.9#

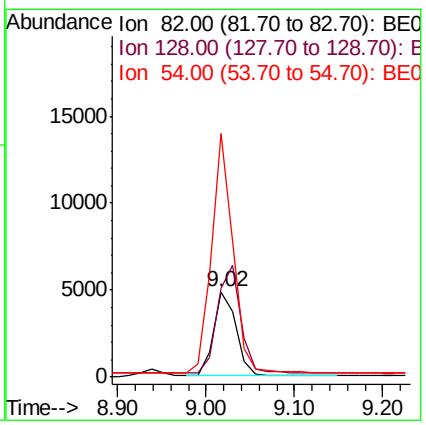


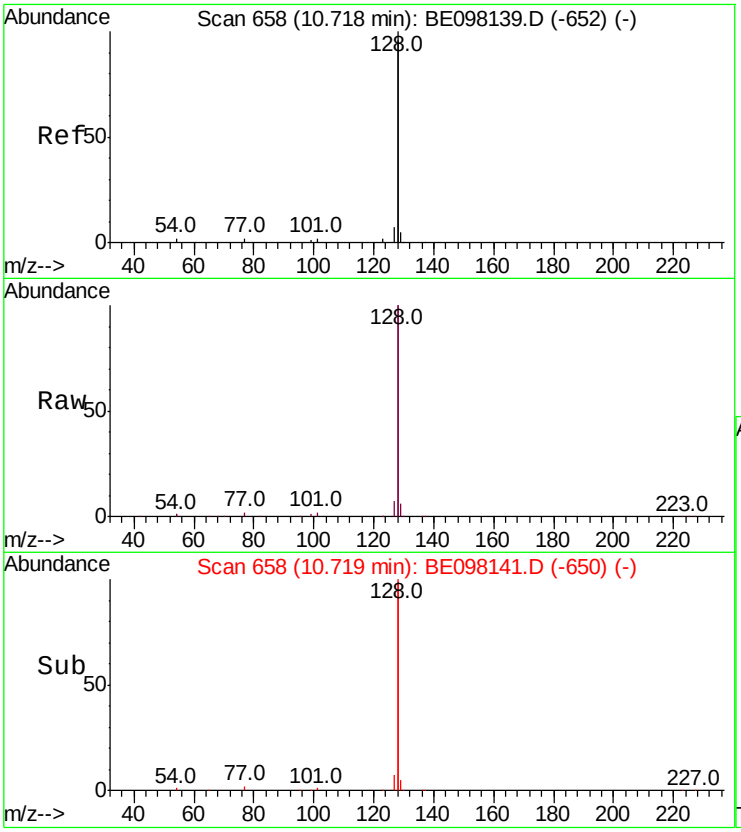


#8
Nitrobenzene-d5
Concen: 1.560 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.01 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion: 82 Resp: 8693

Ion	Ratio	Lower	Upper
82	100		
128	104.7	129.9	194.9#
54	286.9	174.0	261.0#



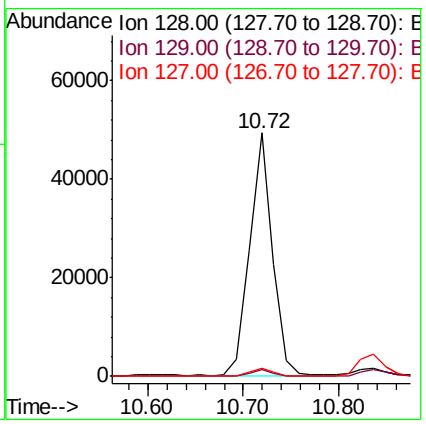


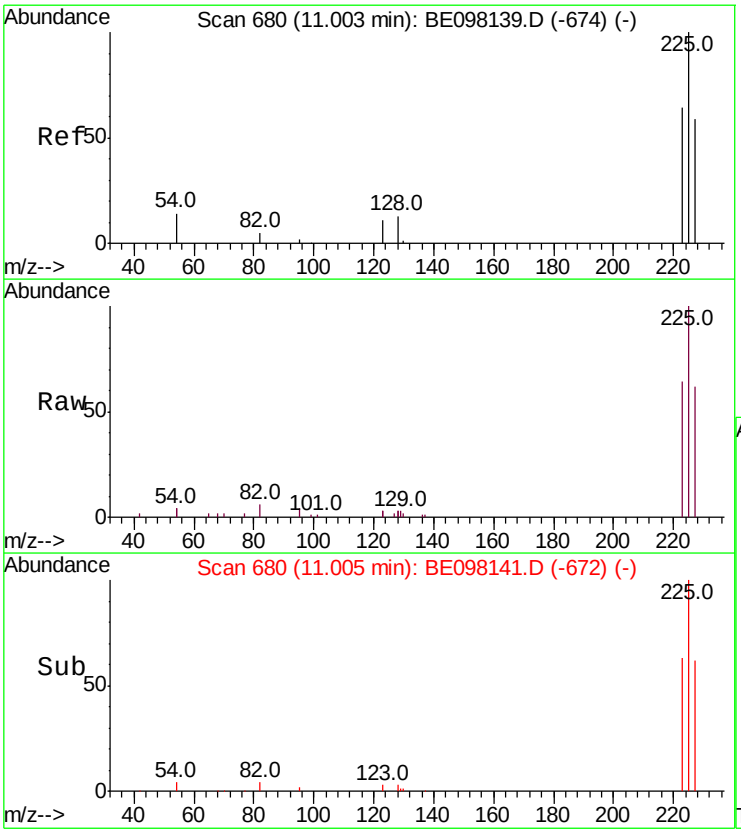
#9
Naphthalene
Concen: 1.557 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 81084

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.4	2.8	4.2

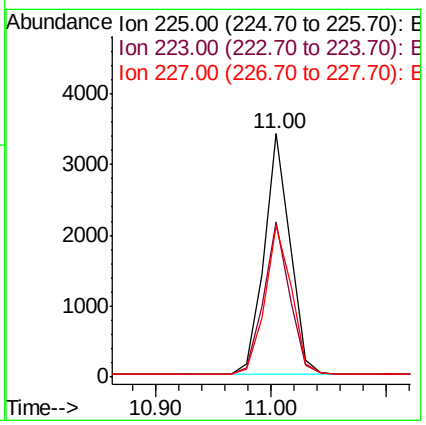


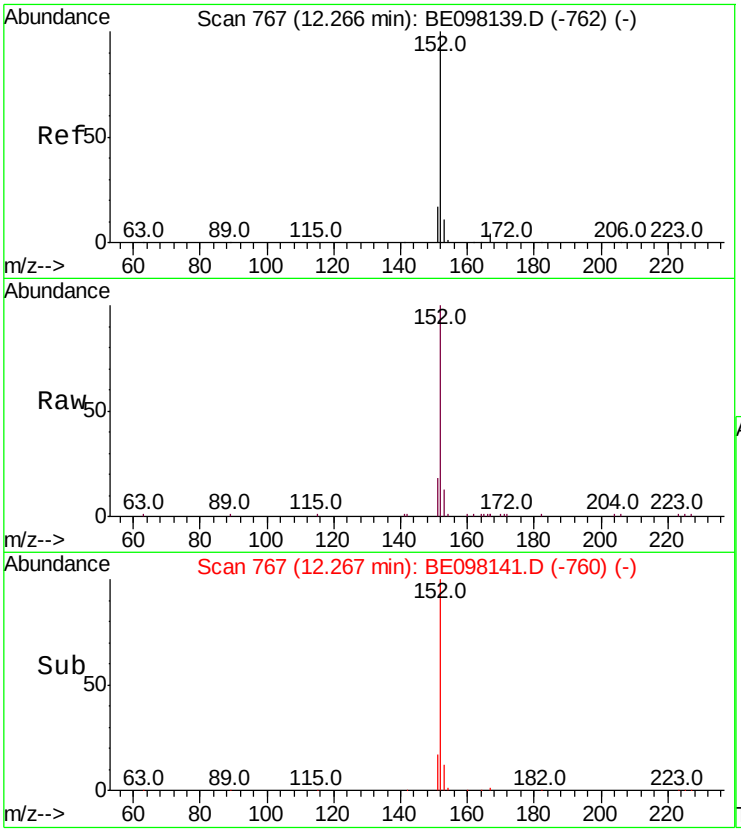


#10
Hexachlorobutadiene
Concen: 1.518 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:225 Resp: 5358

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.8	77.8
227	63.2	53.0	79.6



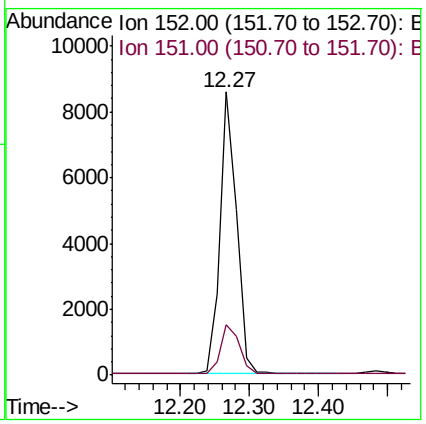


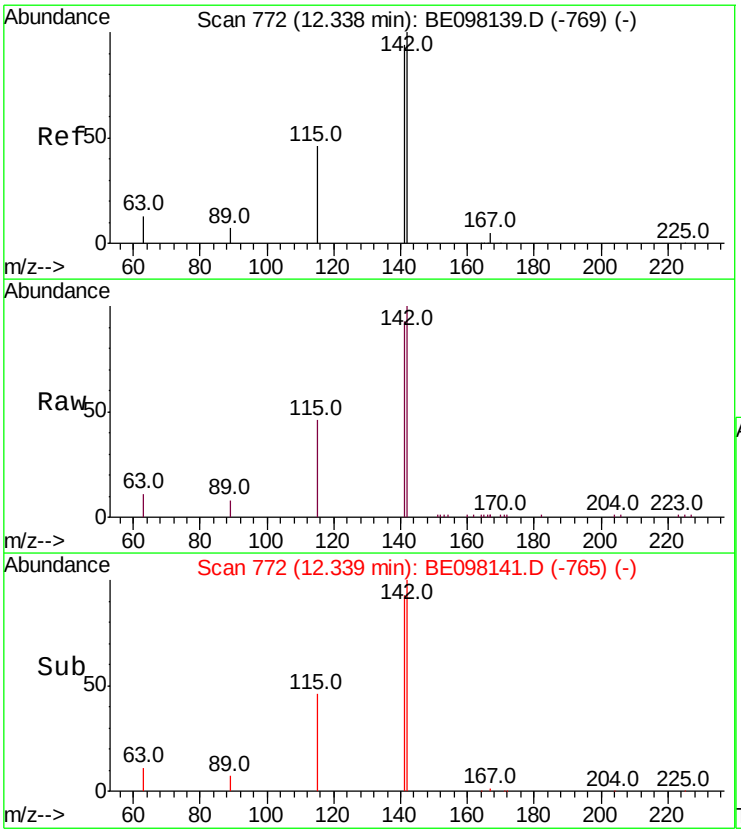
#11
2-Methylnaphthalene-d10
Concen: 1.552 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 14431

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

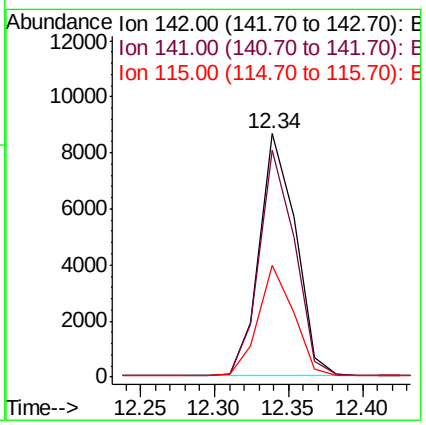


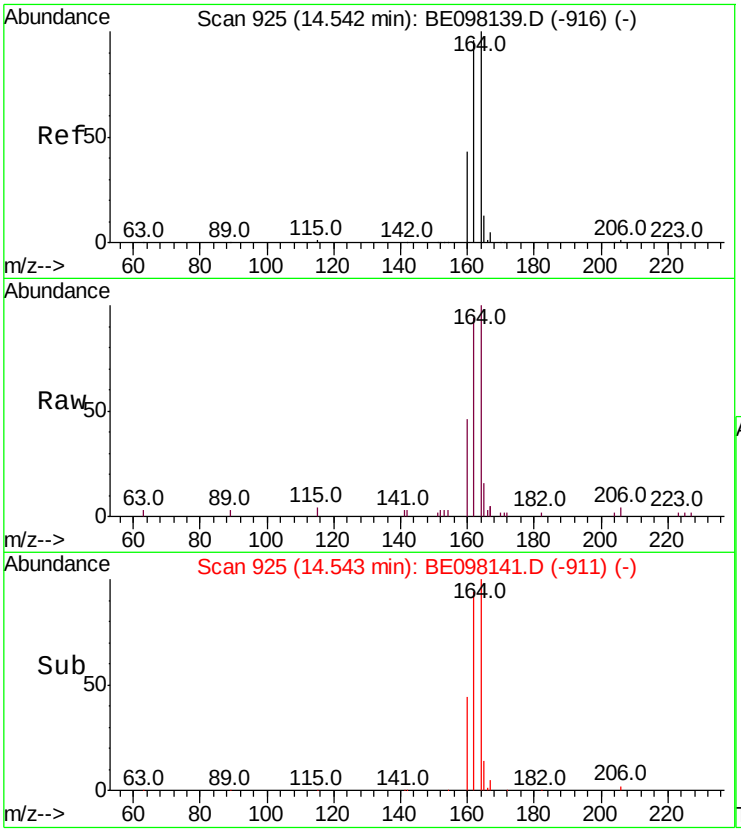


#12
2-Methylnaphthalene
Concen: 1.552 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:142 Resp: 14617

Ion	Ratio	Lower	Upper
142	100		
141	93.0	69.8	104.6
115	46.1	30.5	45.7#



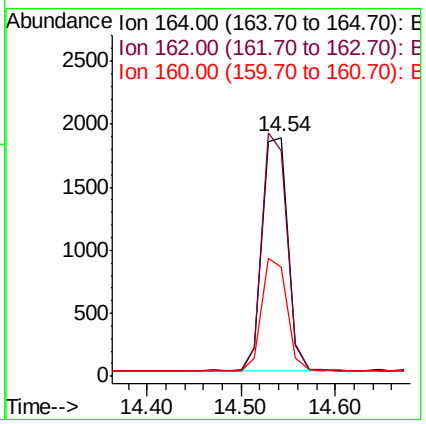


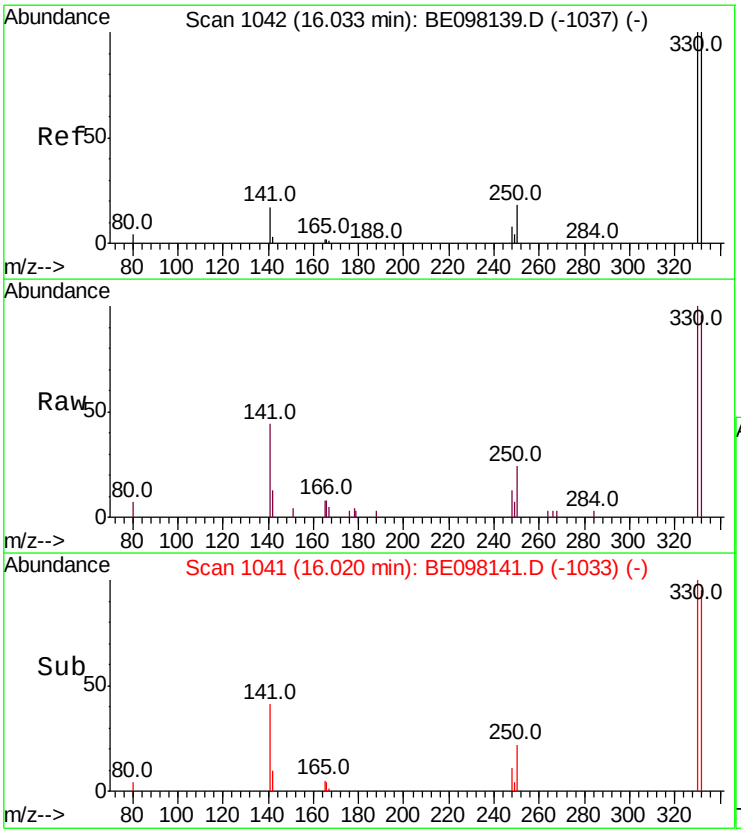
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3536

Ion	Ratio	Lower	Upper
164	100		
162	94.2	77.4	116.2
160	45.6	36.5	54.7

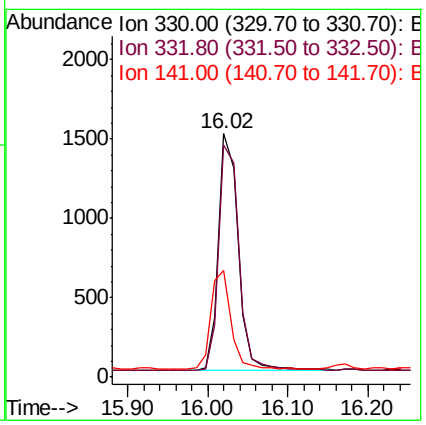


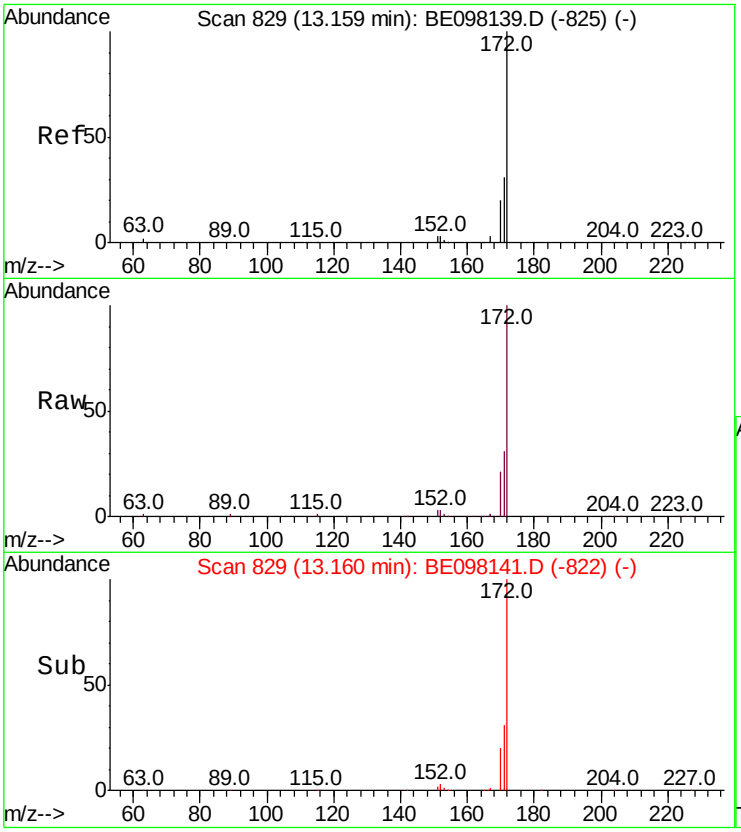


#14
2,4,6-Tribromophenol
Concen: 1.447 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:330 Resp: 2576

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	41.3	31.8	47.6



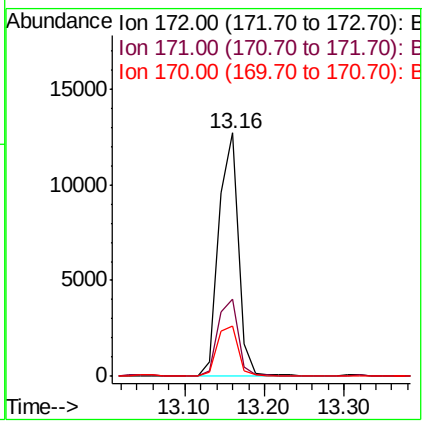


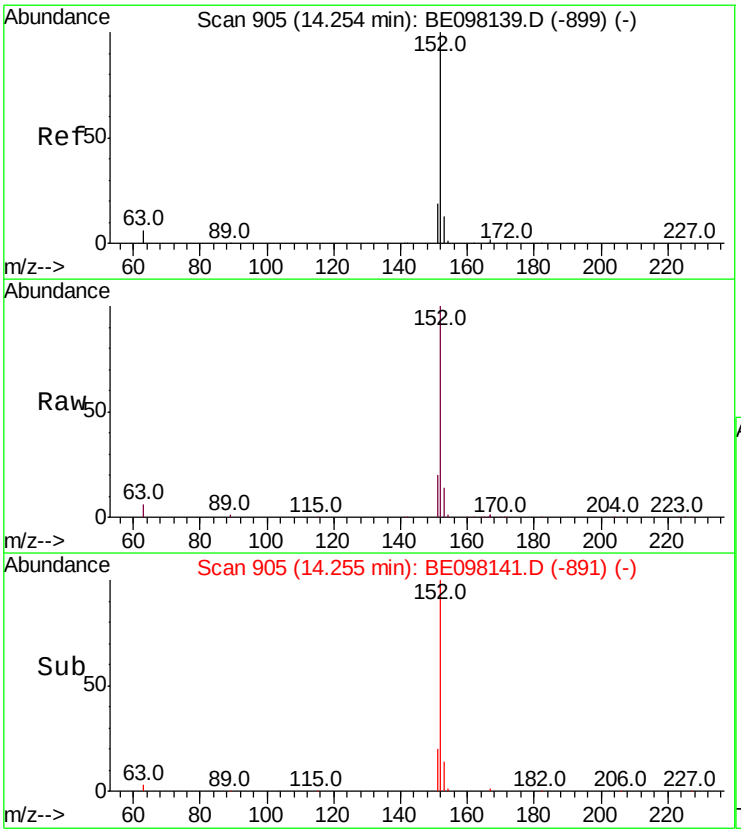
#15
2-Fluorobiphenyl
Concen: 1.492 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 21339

Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.0	39.0
170	20.7	18.0	27.0

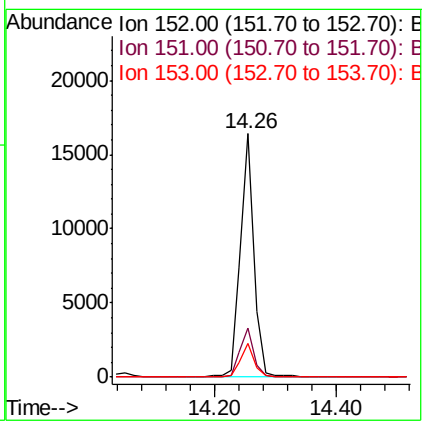


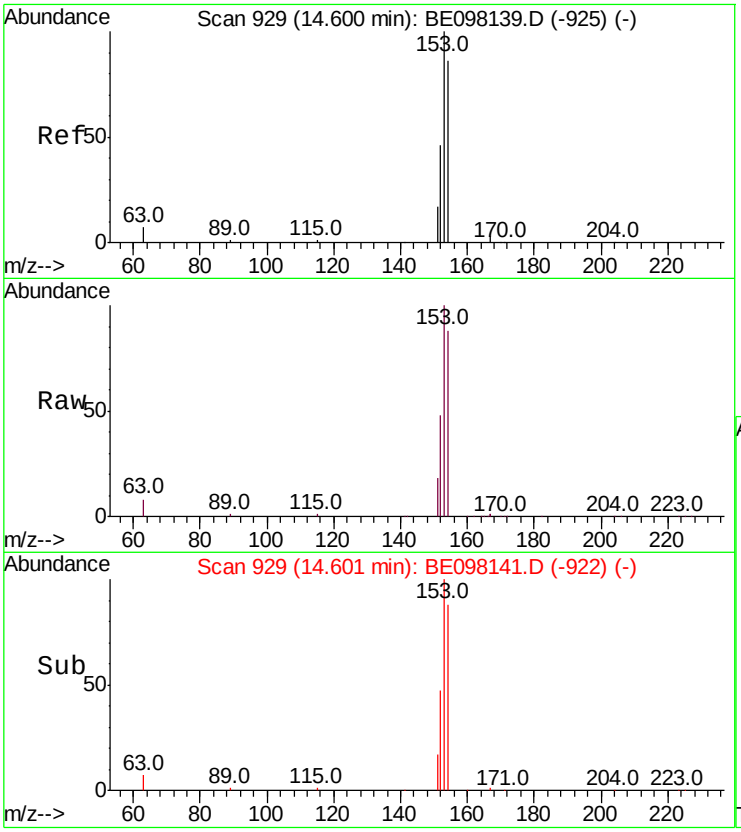


#16
Acenaphthylene
Concen: 1.567 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:152 Resp: 25089

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



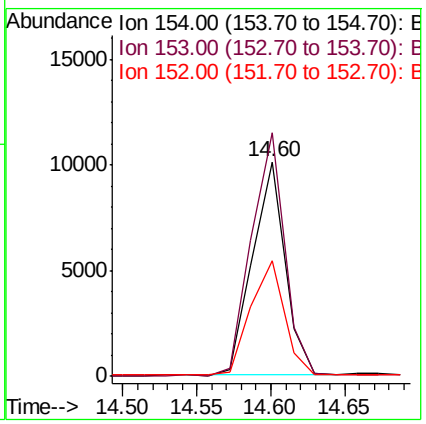


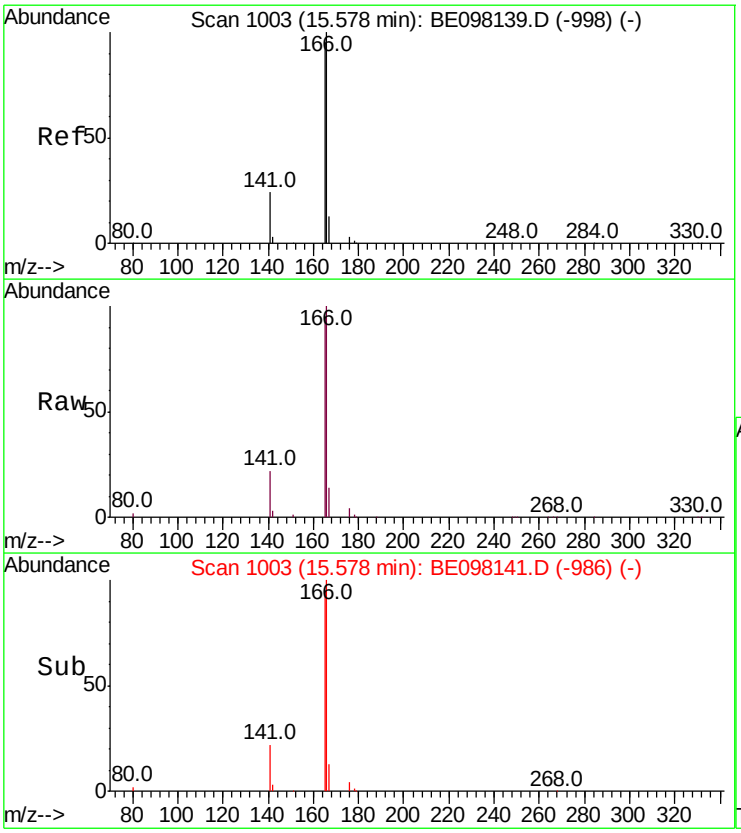
#17
Acenaphthene
Concen: 1.590 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 15383

Ion	Ratio	Lower	Upper
154	100		
153	115.2	92.6	139.0
152	56.0	45.5	68.3

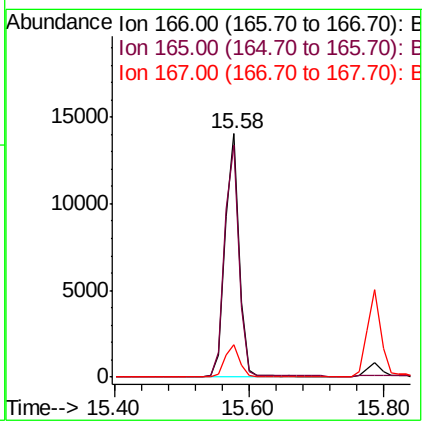


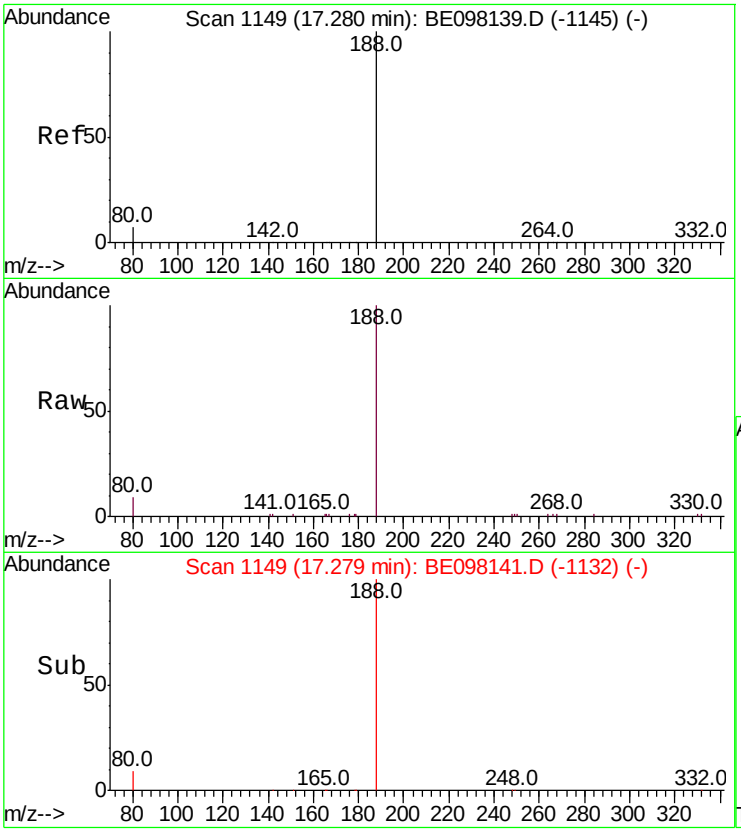


#18
Fluorene
Concen: 1.566 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:166 Resp: 20435

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	13.5	11.0	16.6



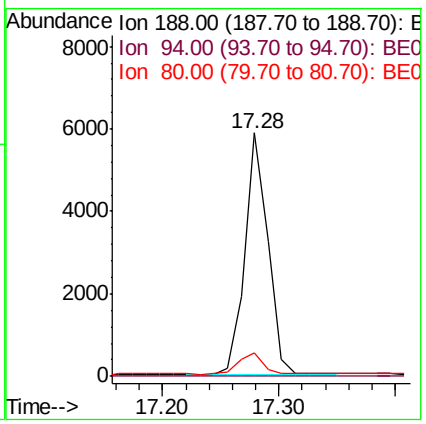


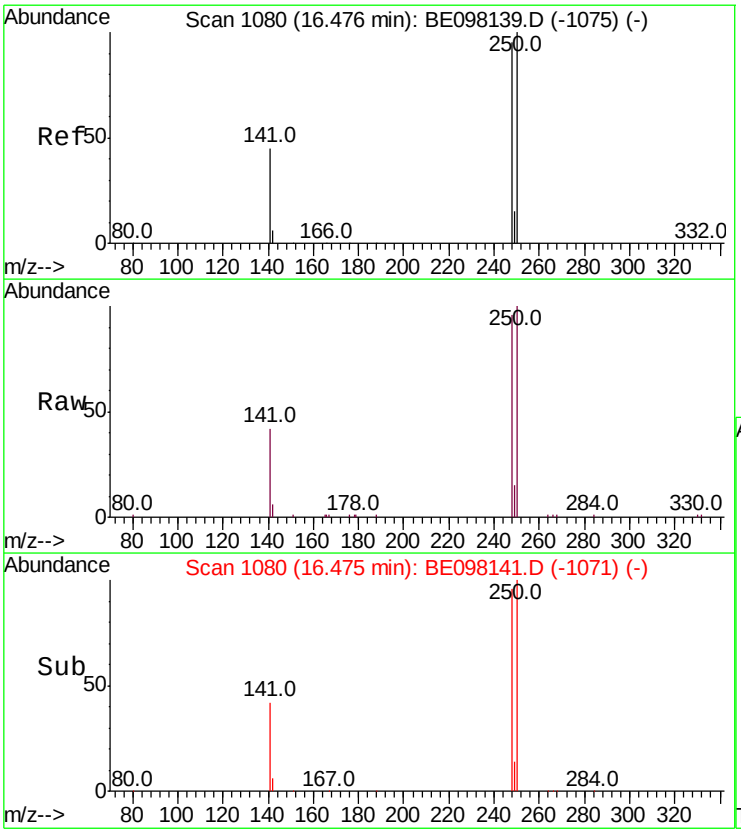
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8100

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	6.3	9.5

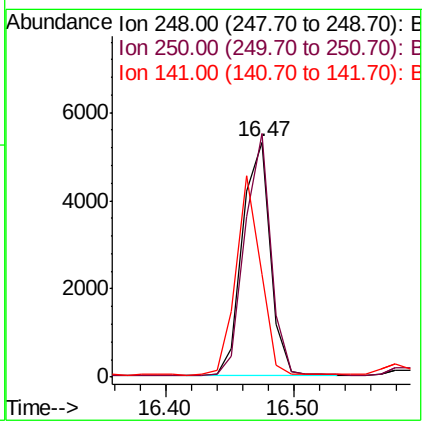


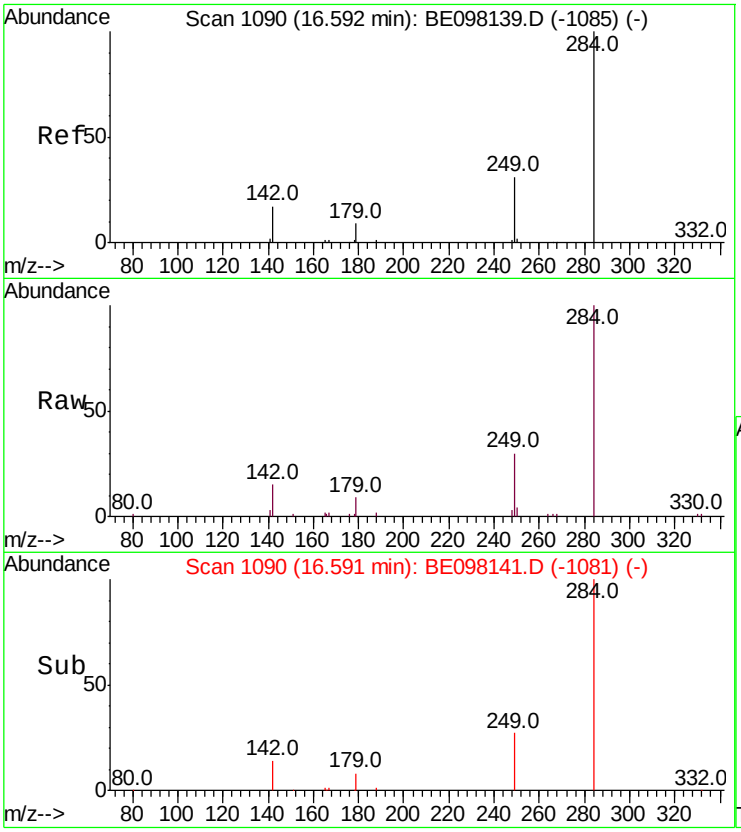


#20
4-Bromophenyl-phenylether
Concen: 1.618 ng
RT: 16.47 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:248 Resp: 7913

Ion	Ratio	Lower	Upper
248	100		
250	103.8	75.1	112.7
141	44.1	51.8	77.8#



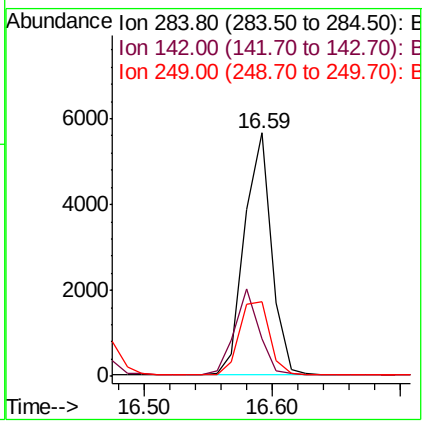


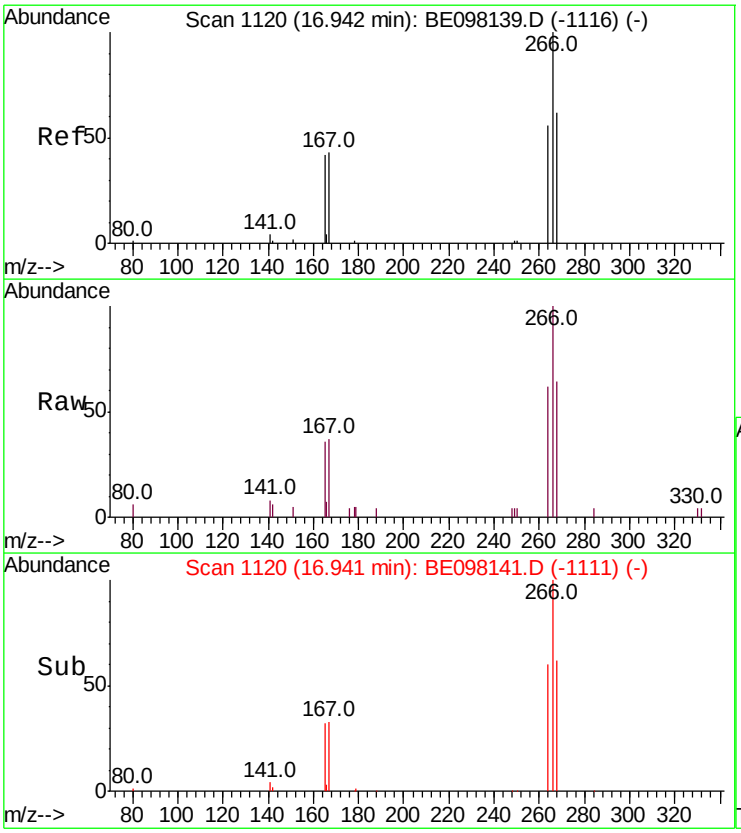
#21
Hexachlorobenzene
Concen: 1.613 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 8227

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	33.8	26.6	40.0

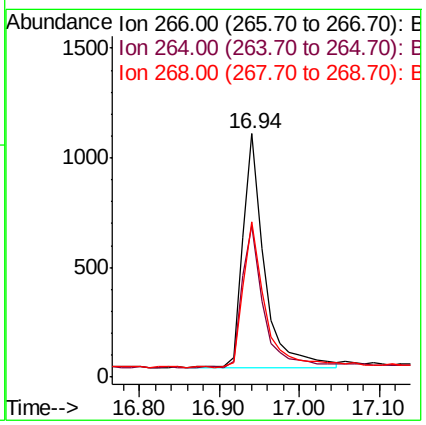


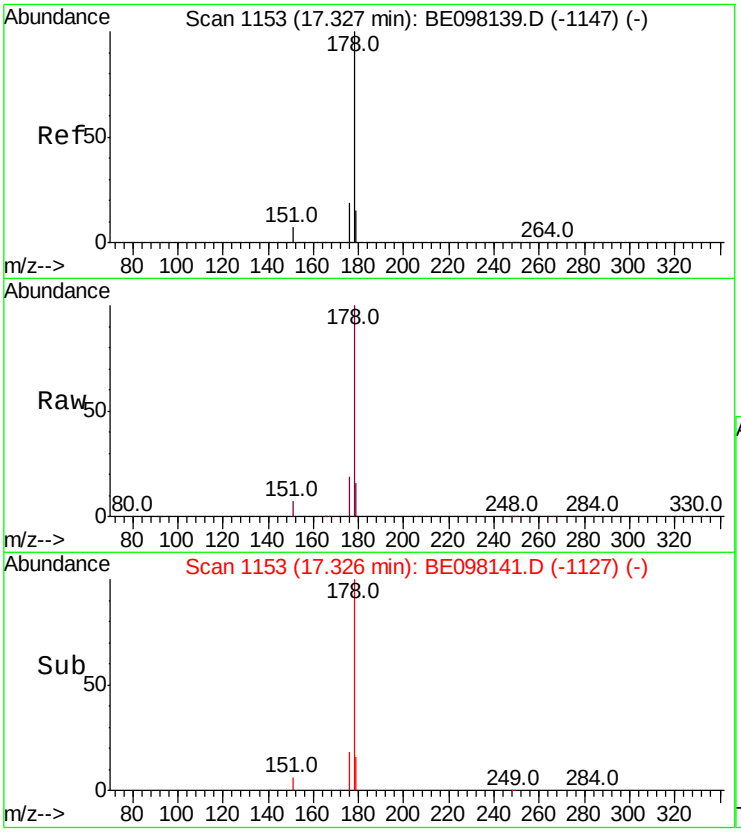


#22
Pentachlorophenol
Concen: 4.652 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:266 Resp: 1976

Ion	Ratio	Lower	Upper
266	100		
264	62.1	51.3	76.9
268	63.8	50.1	75.1



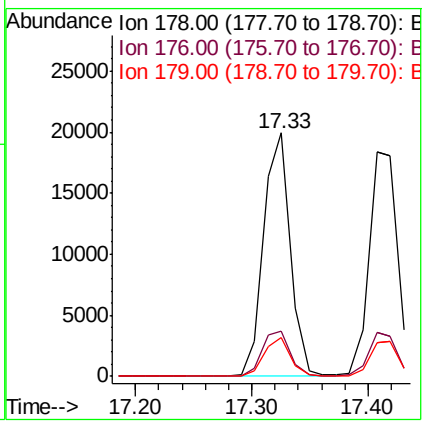


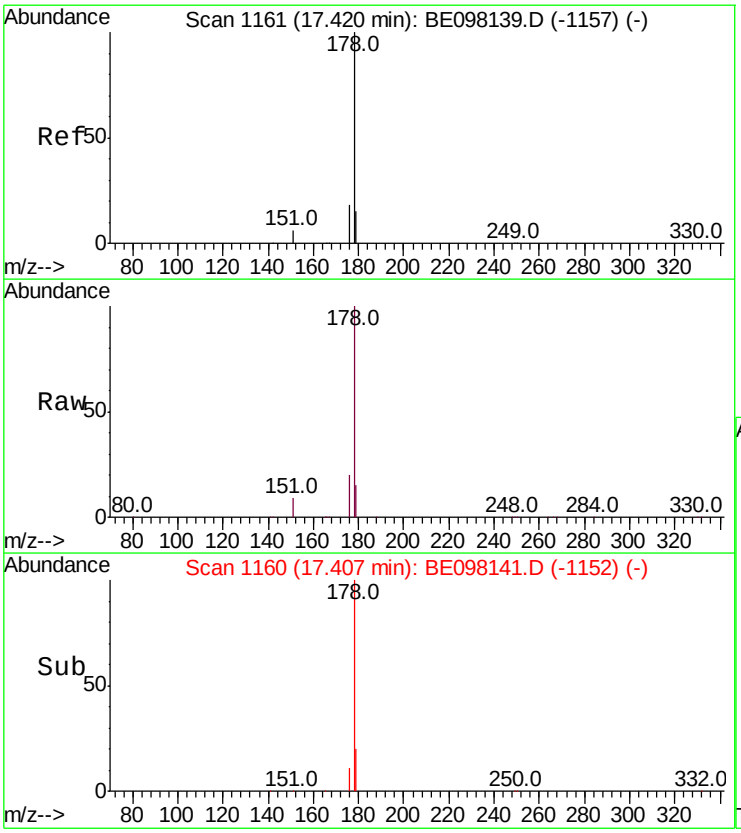
#23
Phenanthrene
Concen: 1.590 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 31610

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.2	18.4

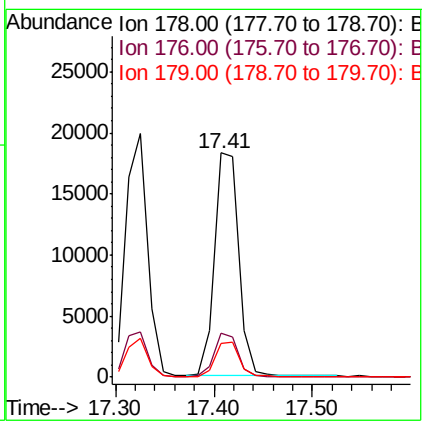


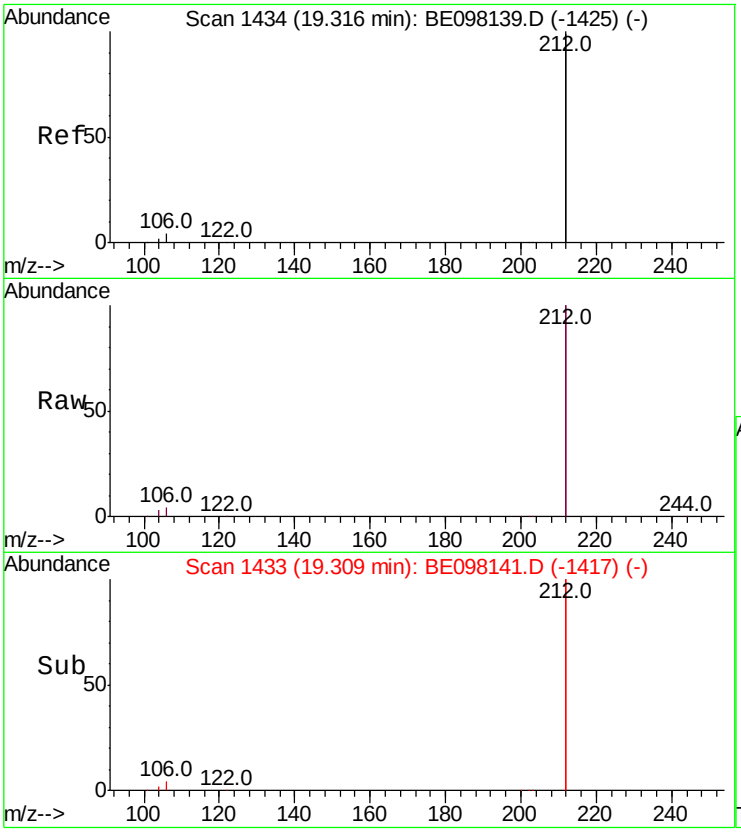


#24
Anthracene
Concen: 1.593 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:178 Resp: 31099

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	11.9	17.9



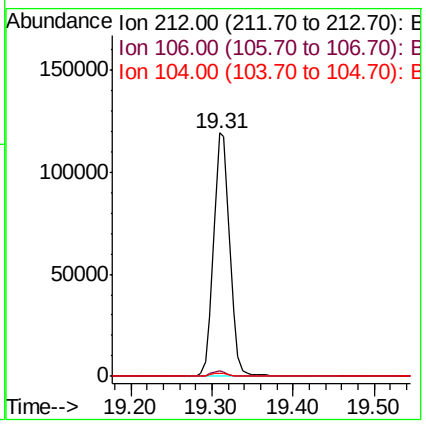


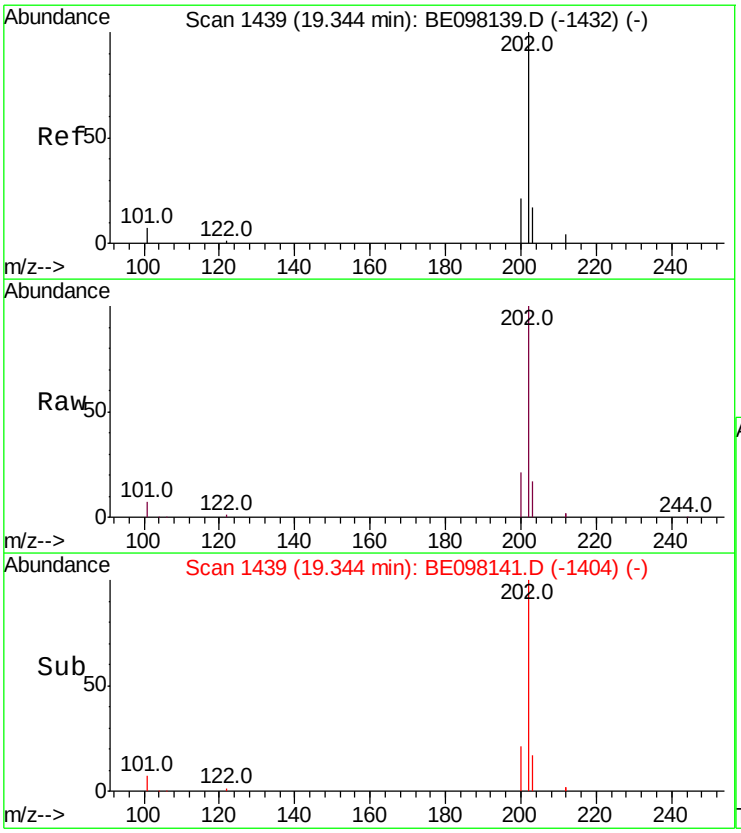
#25
Fluoranthene-d10
Concen: 1.566 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 162626

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.2	1.3	1.9#

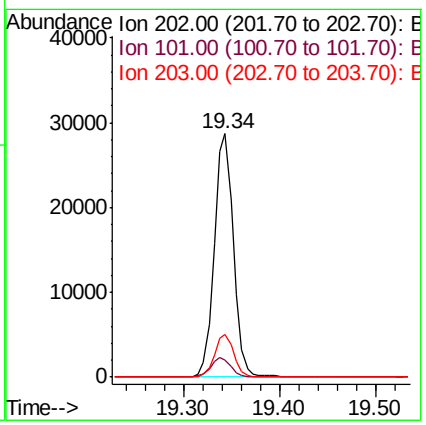


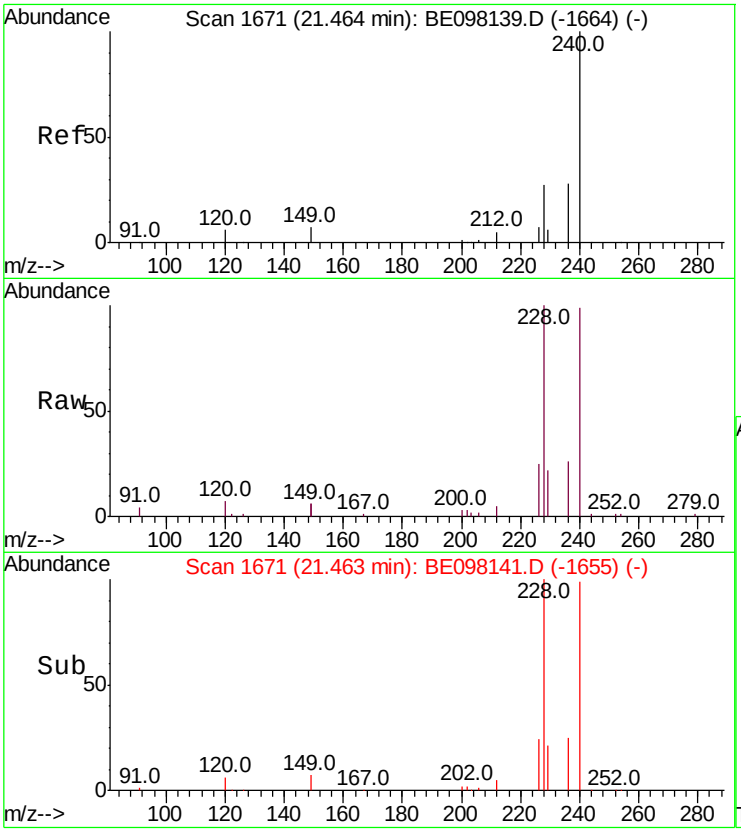


#26
Fluoranthene
Concen: 1.588 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:202 Resp: 39345

Ion	Ratio	Lower	Upper
202	100		
101	8.1	8.2	12.2#
203	17.3	15.0	22.4



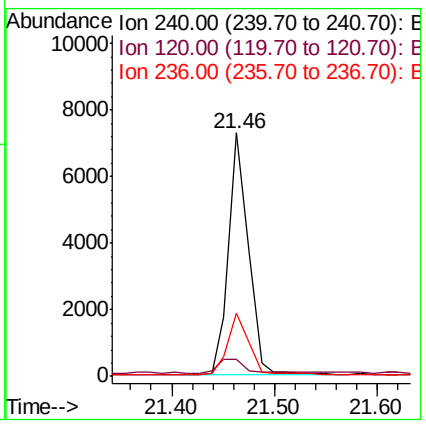


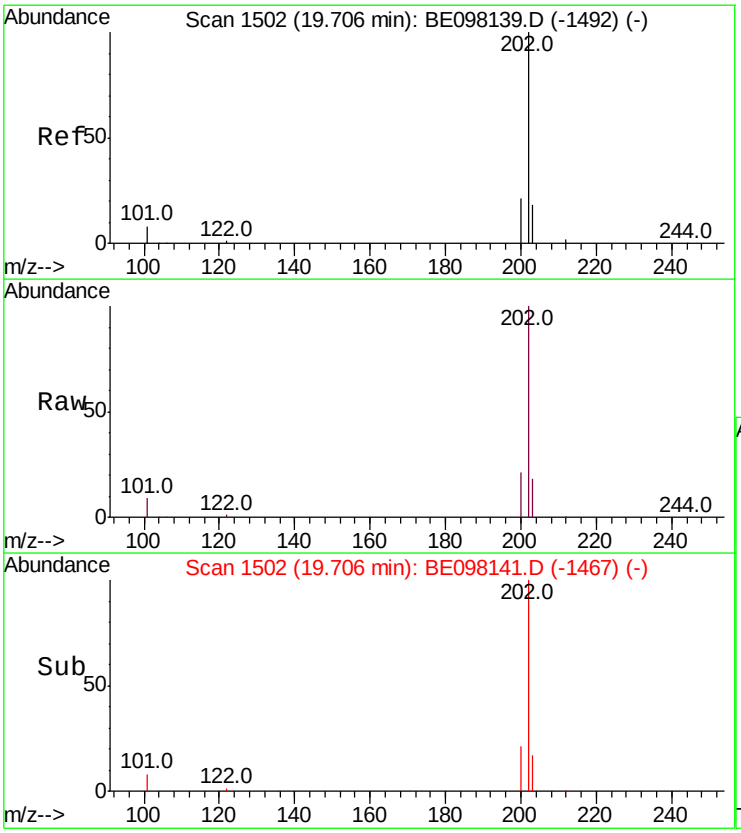
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9634

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.1	10.7
236	26.1	21.3	31.9

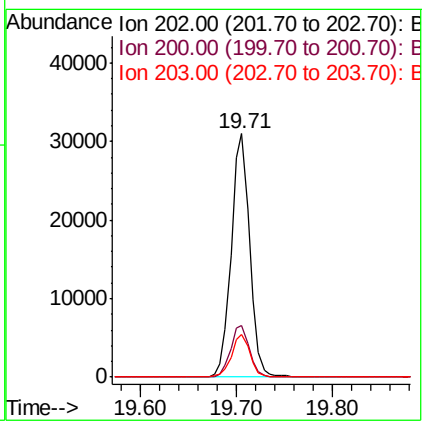


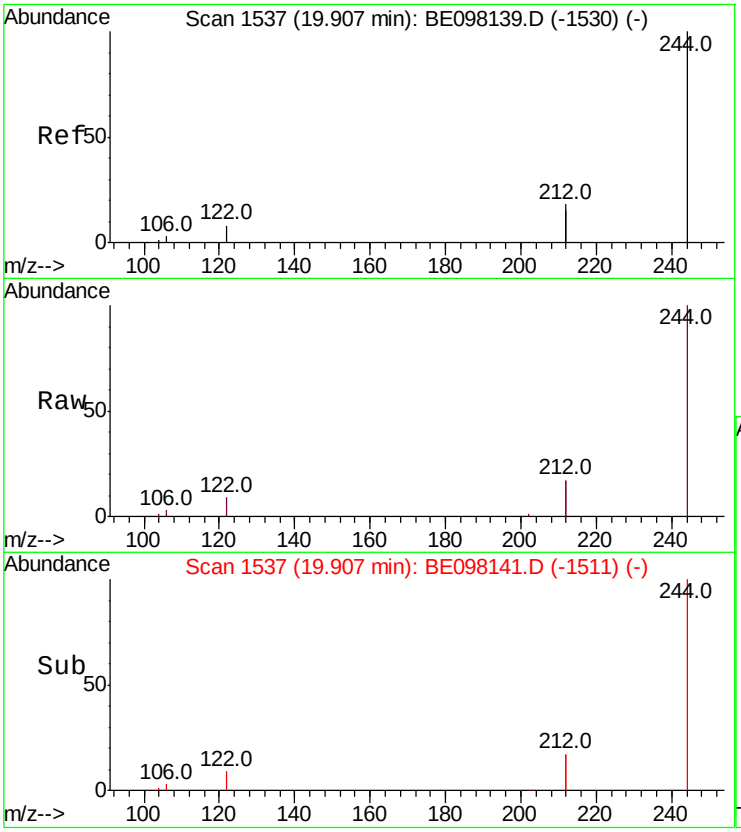


#28
Pyrene
Concen: 1.536 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:202 Resp: 40858

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.4	14.2	21.4



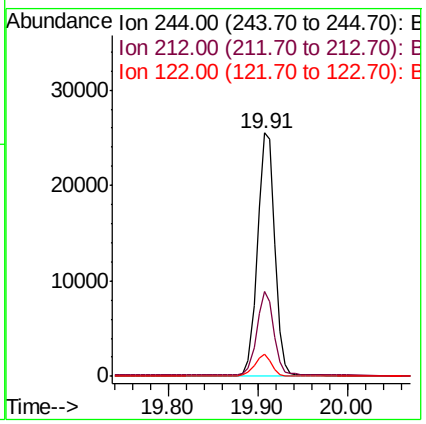


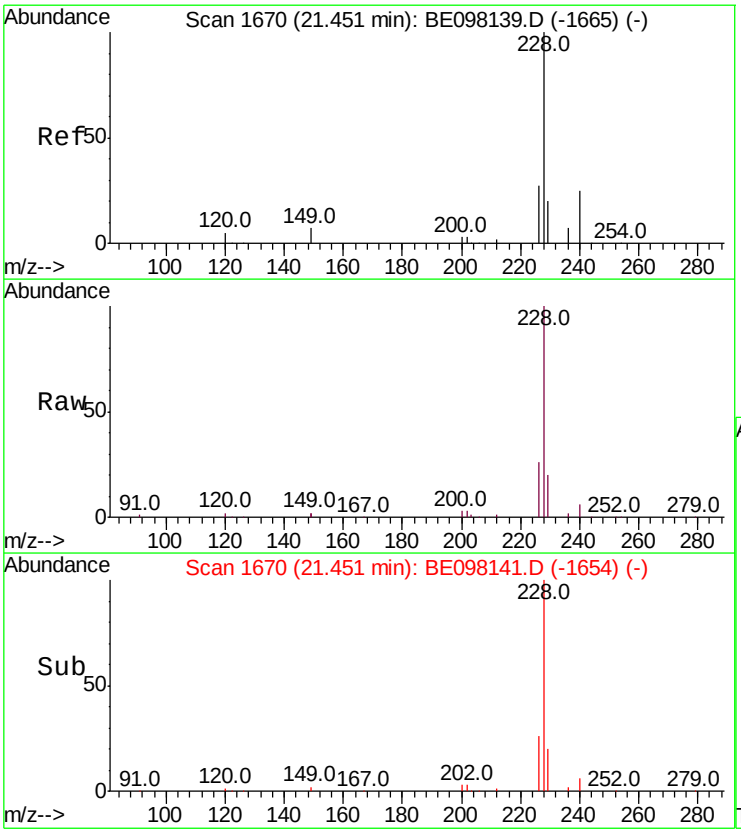
#29
Terphenyl-d14
Concen: 1.487 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 33759

Ion	Ratio	Lower	Upper
244	100		
212	34.9	26.2	39.2
122	8.9	7.7	11.5

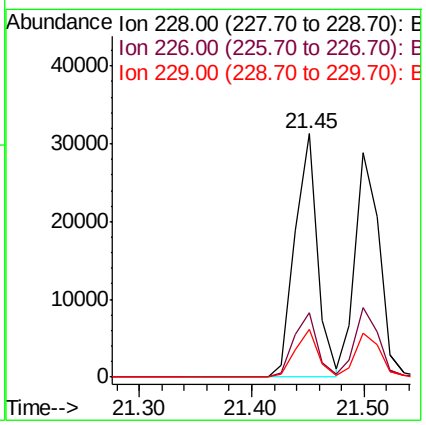


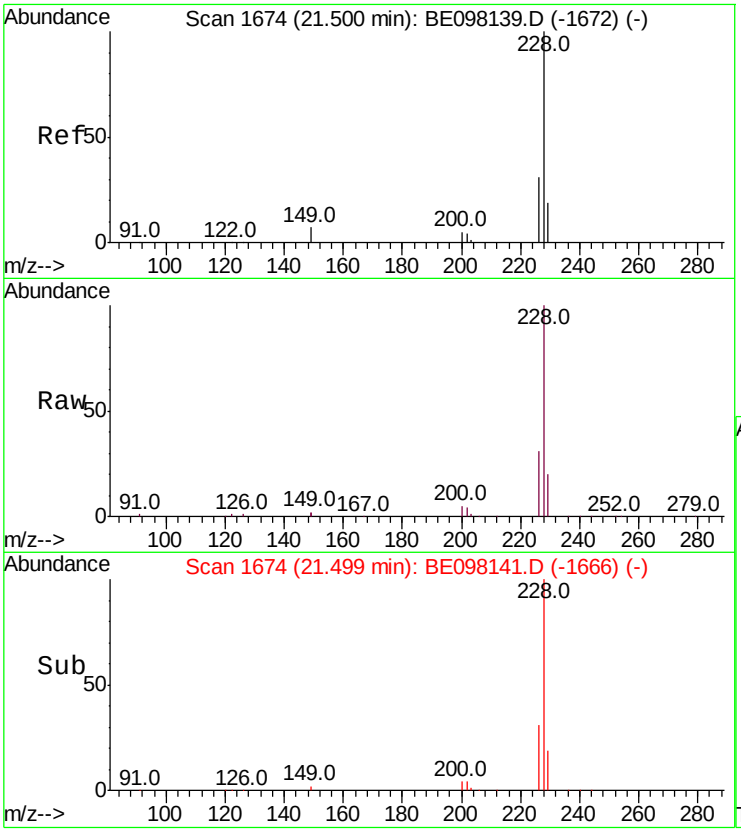


#30
Benzo(a)anthracene
Concen: 1.524 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:228 Resp: 43376

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	19.7	16.9	25.3



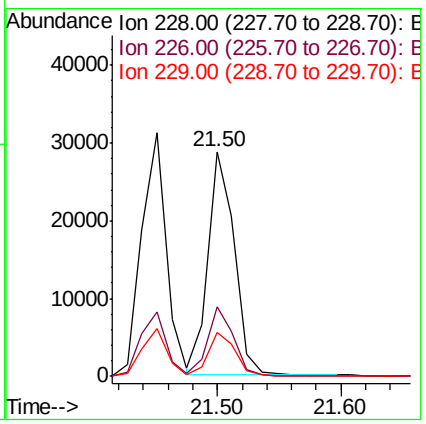


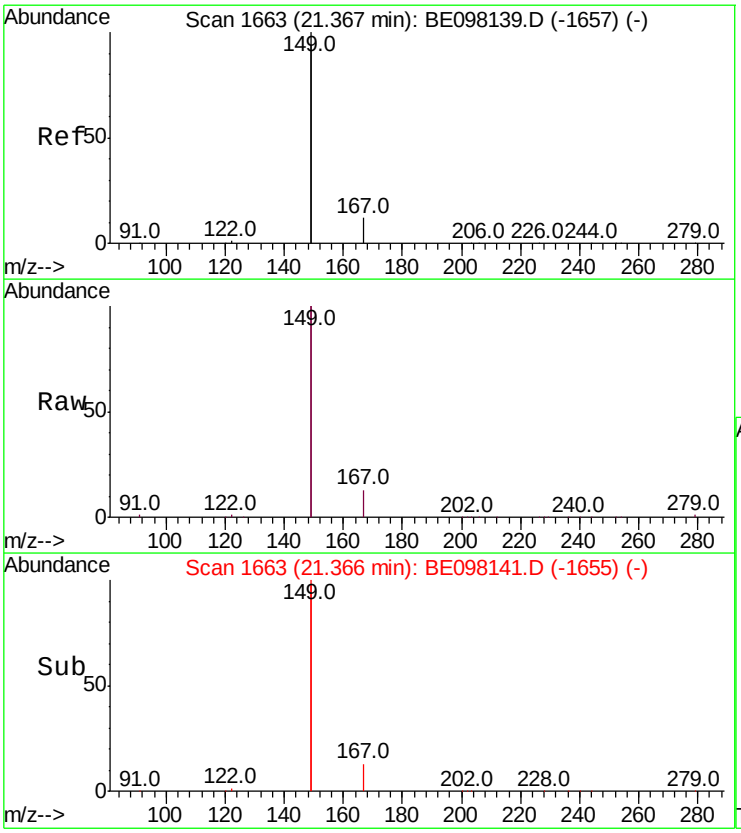
#31
Chrysene
Concen: 1.552 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 42927

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.6	17.3	25.9

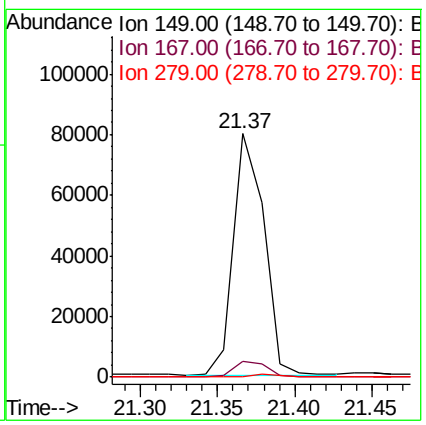


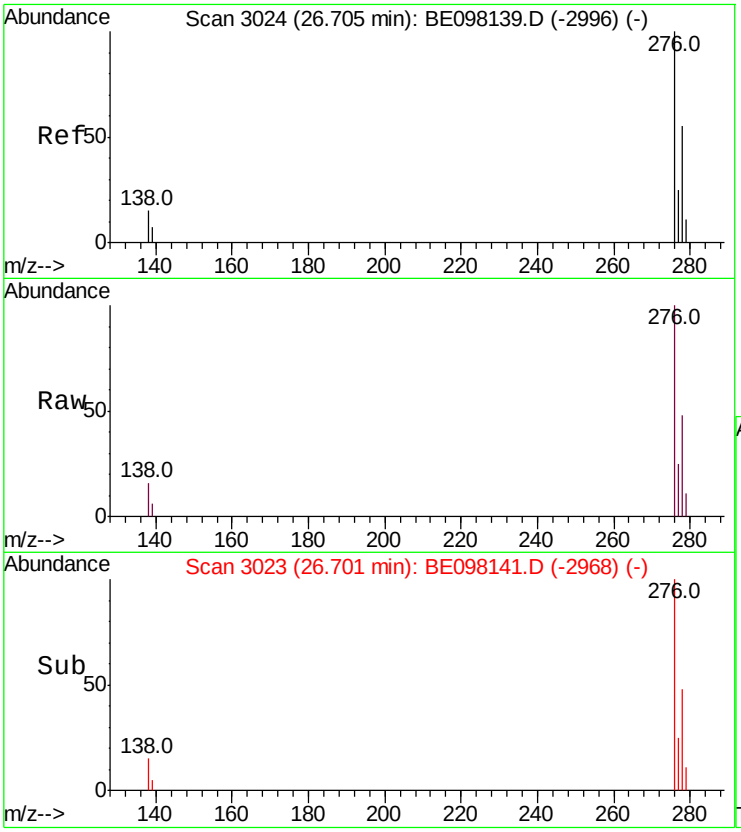


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.604 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:149 Resp: 108444

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.6	8.4
279	1.1	0.9	1.3



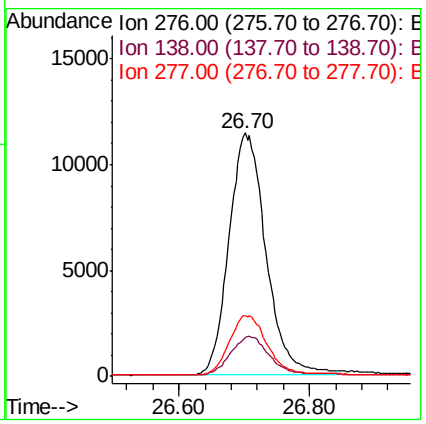


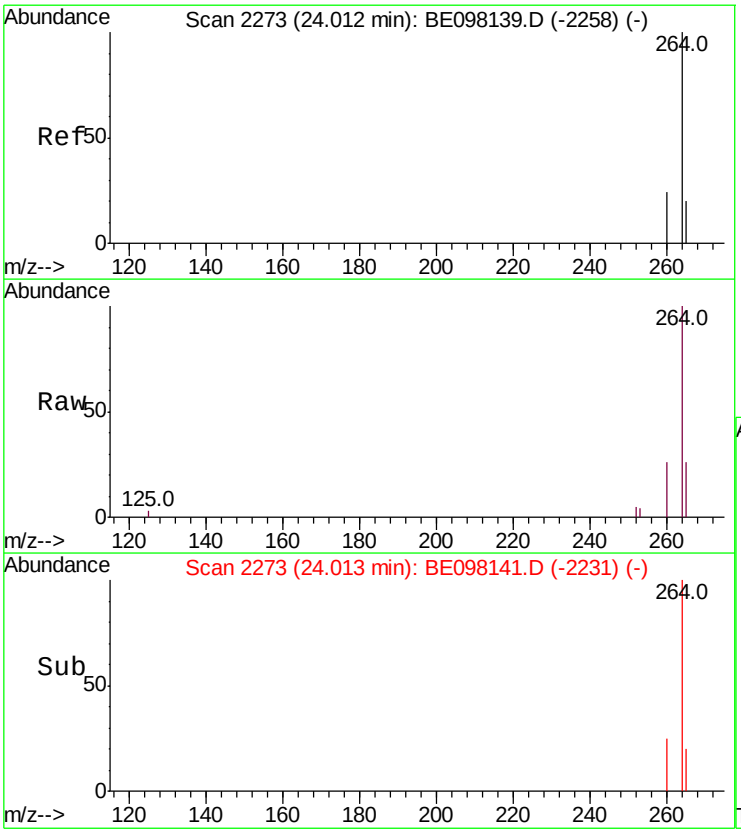
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.494 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 45141

Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.0	25.6#
277	24.9	20.5	30.7

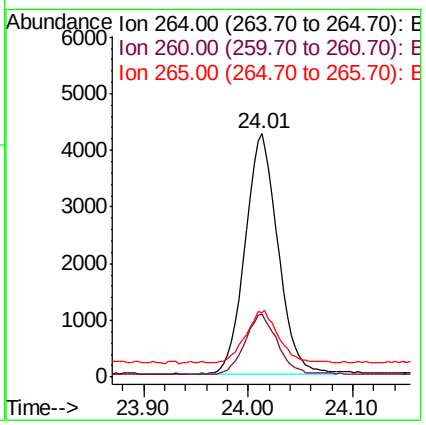


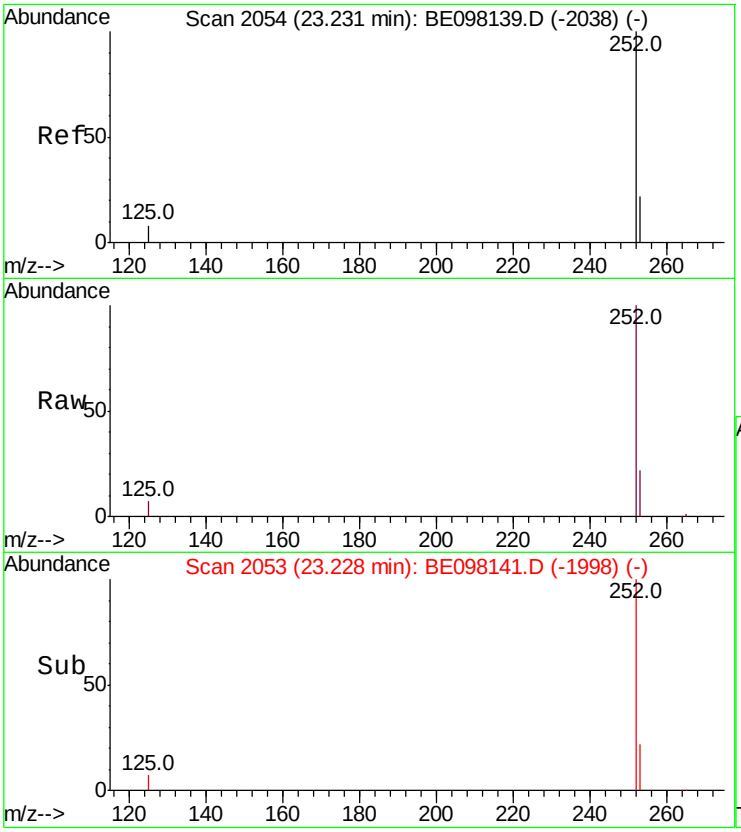


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:264 Resp: 9252

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.1	31.7
265	26.4	29.2	43.8#



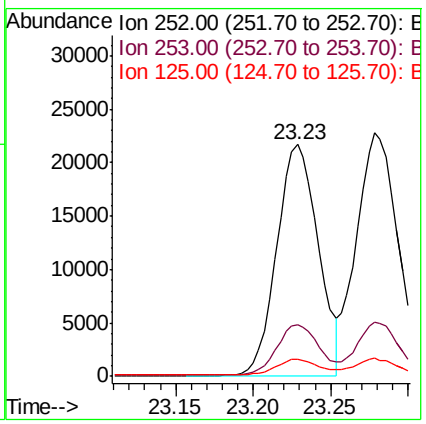


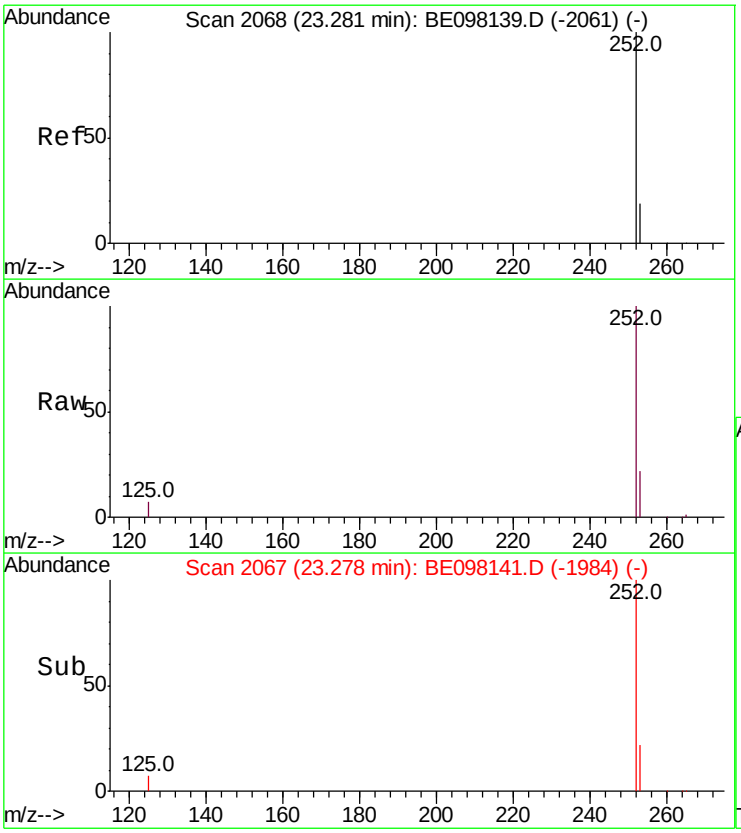
#35
Benzo(b)fluoranthene
Concen: 1.561 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 40103

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.6	31.0
125	7.3	14.3	21.5#

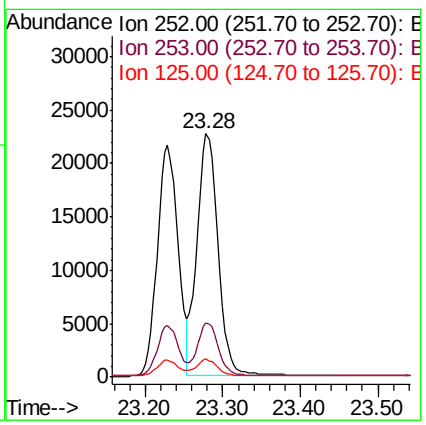


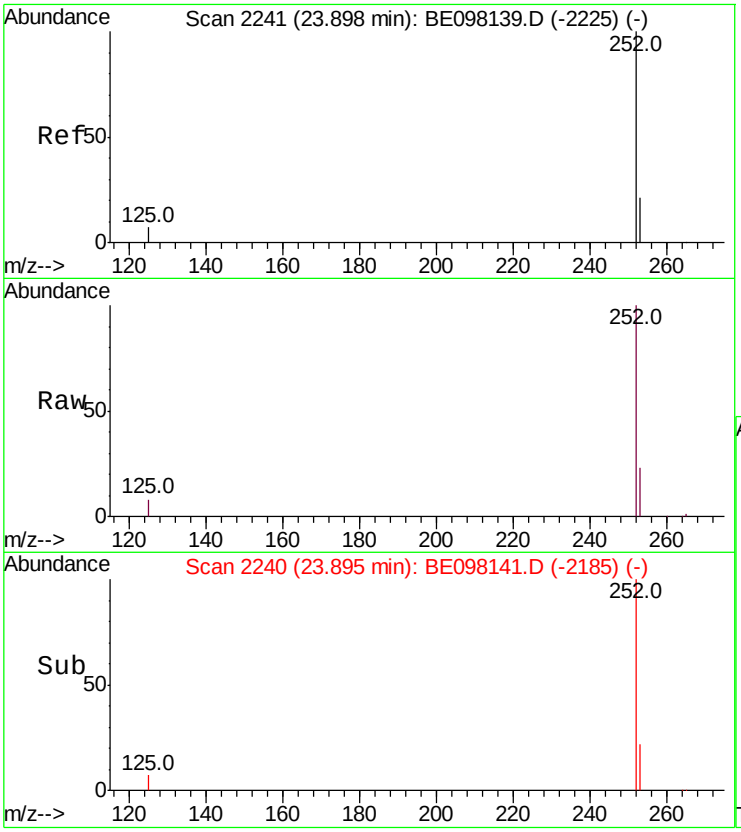


#36
Benzo(k)fluoranthene
Concen: 1.616 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:252 Resp: 43181

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.4	30.6
125	7.4	14.6	21.8#



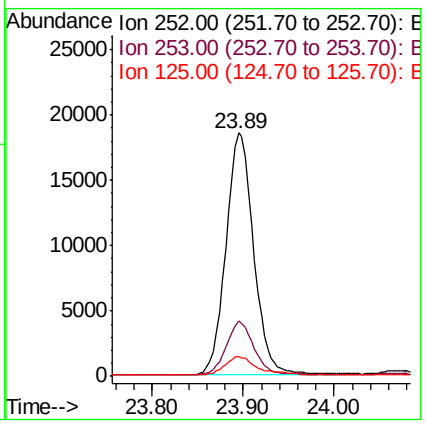


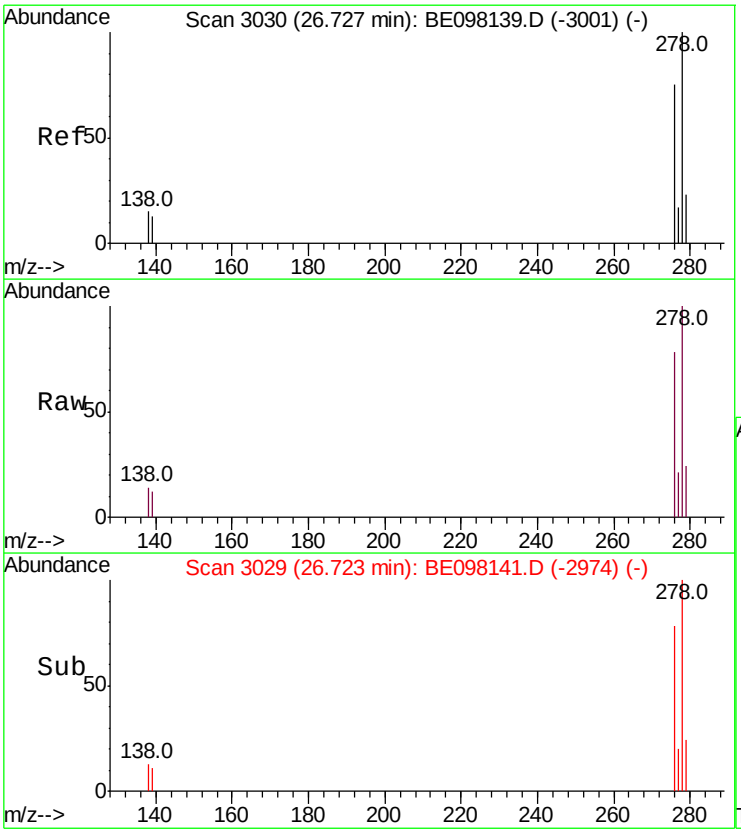
#37
Benzo(a)pyrene
Concen: 1.563 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 39471

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.6	31.0
125	7.9	15.6	23.4#

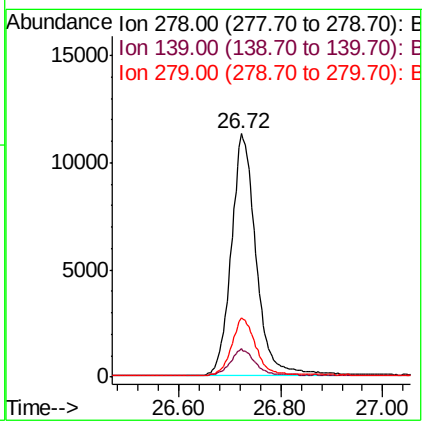


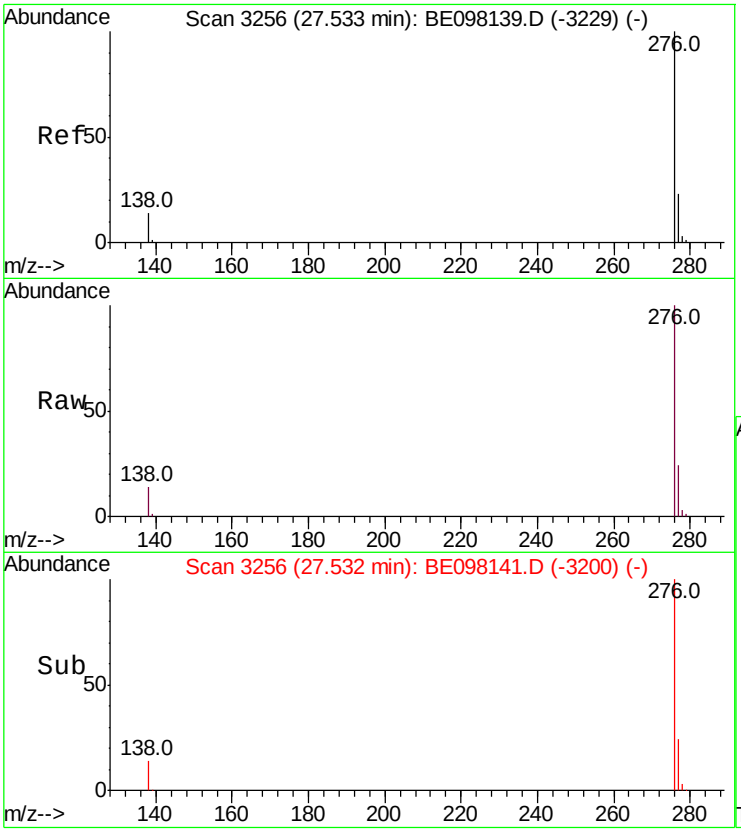


#38
Dibenzo(a,h)anthracene
Concen: 1.561 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:278 Resp: 38406

Ion	Ratio	Lower	Upper
278	100		
139	12.0	16.3	24.5#
279	24.2	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 1.546 ng
RT: 27.53 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 37728

Ion	Ratio	Lower	Upper
276	100		
277	24.2	22.1	33.1
138	14.3	19.3	28.9#