Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
Data File : BE098255.D
Acq On : 21 Nov 2018 10:14
Operator : SJ/JU
Sample : PB114965BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 21 10:45:32 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	1363	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	5009	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2727	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7577	0.40	ng		0.00
27) Chrysene-d12	21.46	240	9695	0.40	ng		0.00
34) Perylene-d12	24.02	264	8882	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1280	0.35	ng		0.00
5) Phenol-d6	7.05	99	1586	0.28	ng		0.01
8) Nitrobenzene-d5	9.02	82	1779	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	3052	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	355	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.14	172	4040	0.34	ng		0.00
25) Fluoranthene-d10	19.31	212	38727	0.42	ng		0.00
29) Terphenyl-d14	19.91	244	7152	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	594	0.278	ng	#	72
3) n-Nitrosodimethylamine	3.70	42	848	0.353	ng	#	78
6) bis(2-Chloroethyl)ether	7.29	93	1506	0.306	ng		98
9) Naphthalene	10.72	128	19158	0.376	ng		100
10) Hexachlorobutadiene	11.00	225	1057	0.353	ng		98
12) 2-Methylnaphthalene	12.34	142	3154	0.351	ng		97
16) Acenaphthylene	14.25	152	4918	0.379	ng		97
17) Acenaphthene	14.60	154	2807	0.362	ng		98
18) Fluorene	15.58	166	3873	0.392	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	1403	0.299	ng		95
21) Hexachlorobenzene	16.58	284	1450	0.300	ng		98
22) Pentachlorophenol	16.94	266	469	0.597	ng		99
23) Phenanthrene	17.32	178	7329	0.376	ng		100
24) Anthracene	17.41	178	6819	0.385	ng		97
26) Fluoranthene	19.34	202	10219	0.437	ng		99
28) Pyrene	19.70	202	10189	0.360	ng		99
30) Benzo(a)anthracene	21.45	228	10632	0.379	ng		99
31) Chrysene	21.50	228	10923	0.379	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	16358	0.374	ng		100
33) Indeno(1,2,3-cd)pyrene	26.71	276	9648	0.391	ng	#	73
35) Benzo(b)fluoranthene	23.23	252	10050	0.401	ng		99
36) Benzo(k)fluoranthene	23.28	252	10772	0.380	ng		98
37) Benzo(a)pyrene	23.90	252	9715	0.394	ng		96
38) Dibenzo(a,h)anthracene	26.73	278	7657	0.388	ng		97
39) Benzo(g,h,i)perylene	27.53	276	8489	0.399	ng	#	95

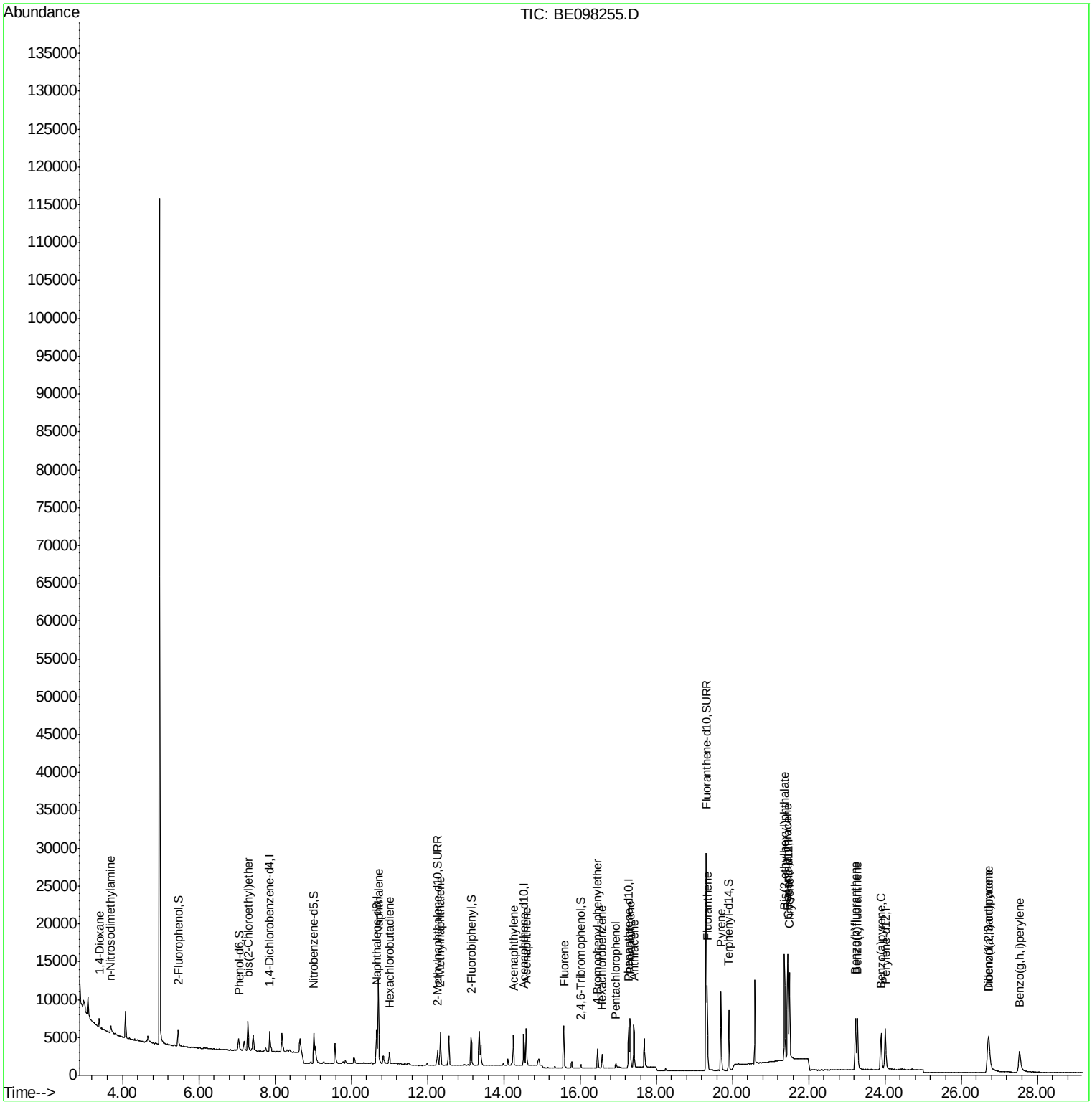
(#) = qualifier out of range (m) = manual integration (+) = signals summed

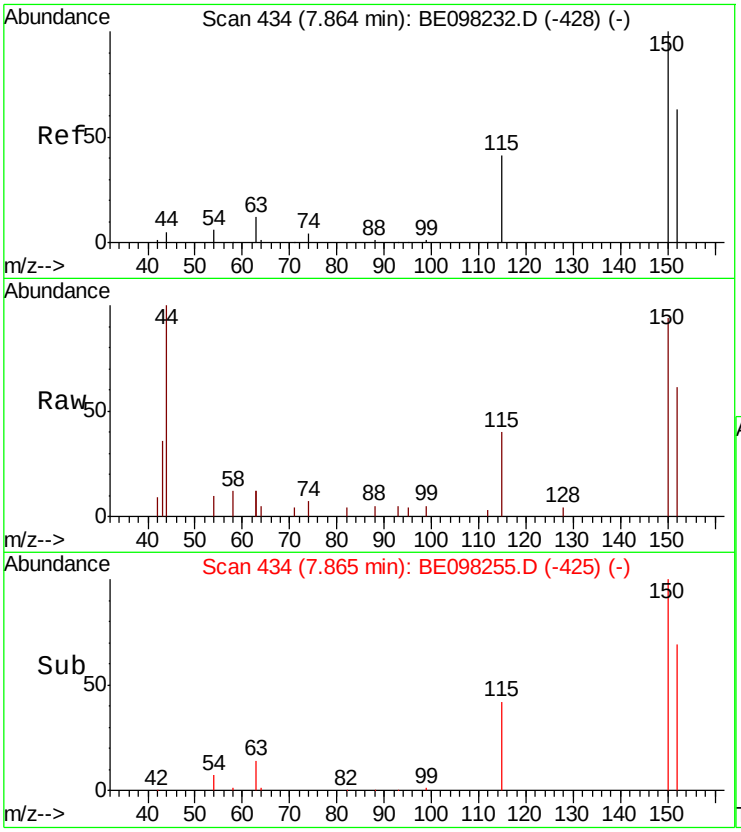
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
Data File : BE098255.D
Acq On : 21 Nov 2018 10:14
Operator : SJ/JU
Sample : PB114965BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 21 10:45:32 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



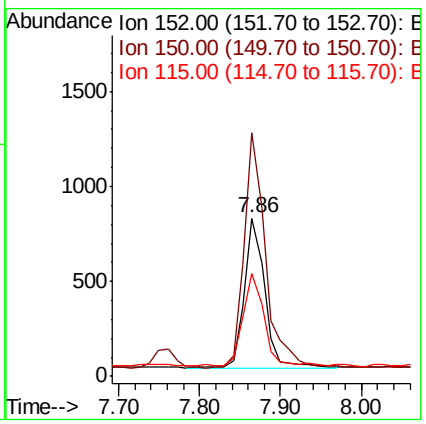


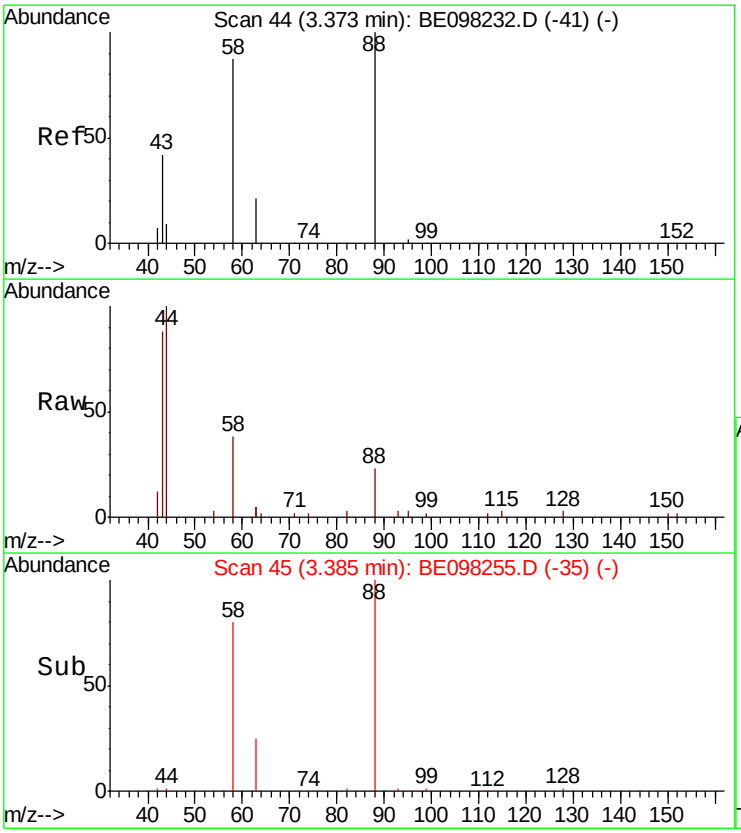
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1363

Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.5	191.3
115	65.3	60.3	90.5

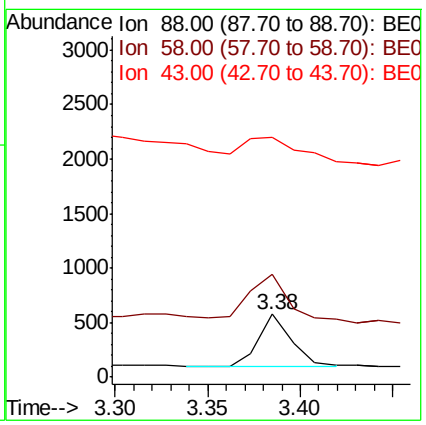


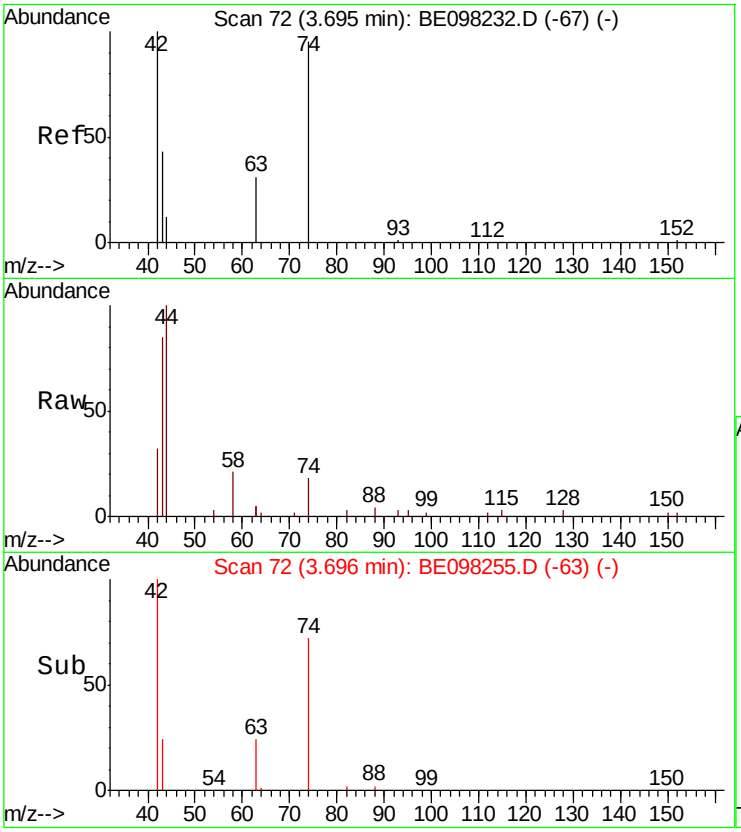


#2
1,4-Dioxane
Concen: 0.278 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion: 88 Resp: 594

Ion	Ratio	Lower	Upper
88	100		
58	119.0	79.0	118.4#
43	77.8	38.1	57.1#



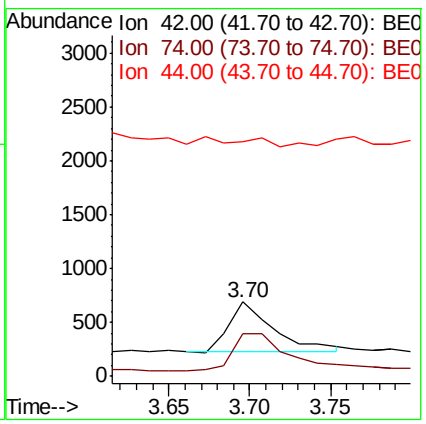


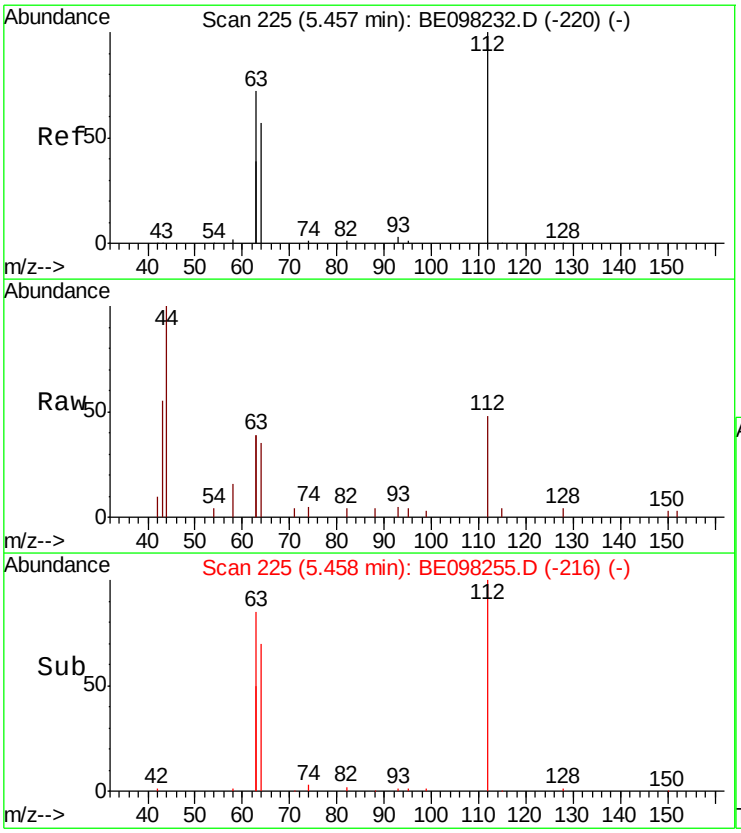
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 848

Ion	Ratio	Lower	Upper
42	100		
74	93.0	61.7	92.5#
44	0.0	14.0	21.0#

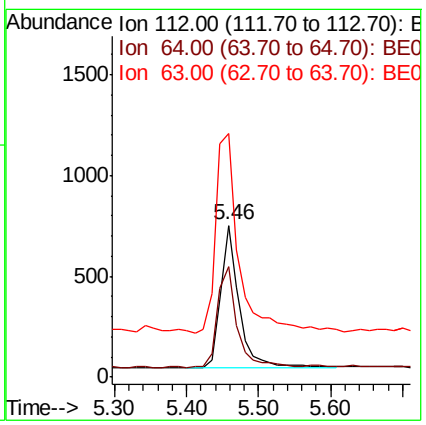


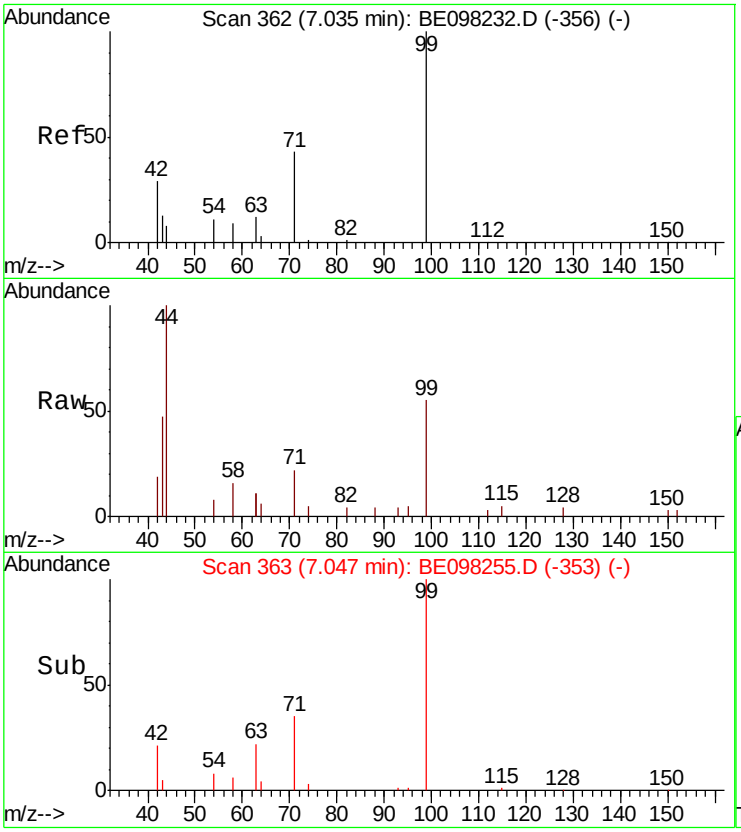


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:112 Resp: 1280

Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.7	92.5
63	173.4	136.2	204.2



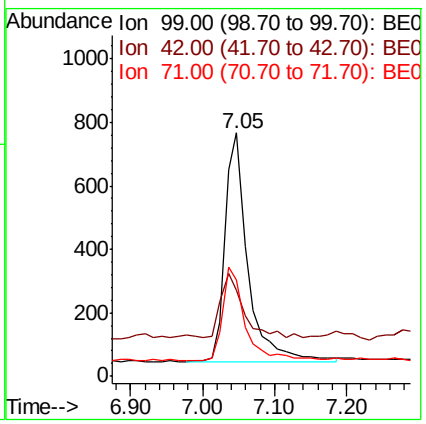


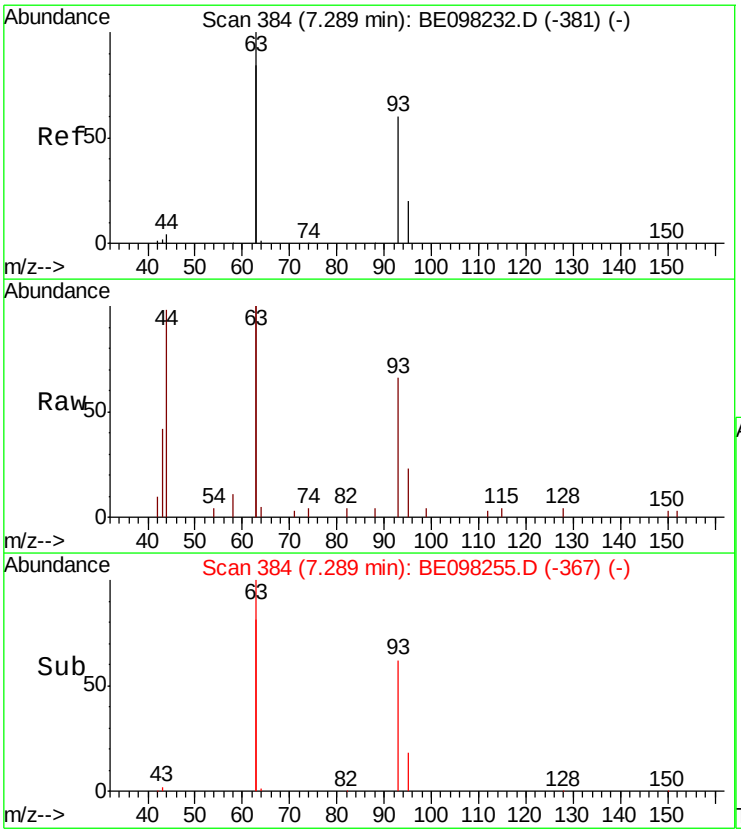
#5
Phenol-d6
Concen: 0.276 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1586

Ion	Ratio	Lower	Upper
99	100		
42	28.4	27.1	40.7
71	41.4	37.0	55.6

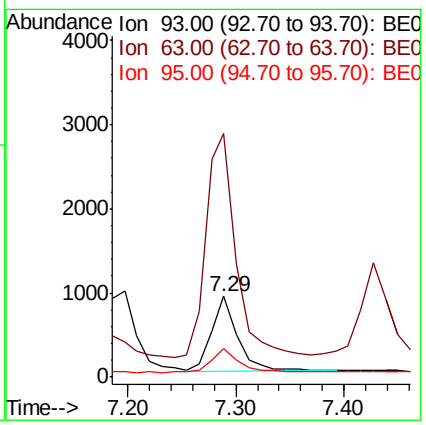


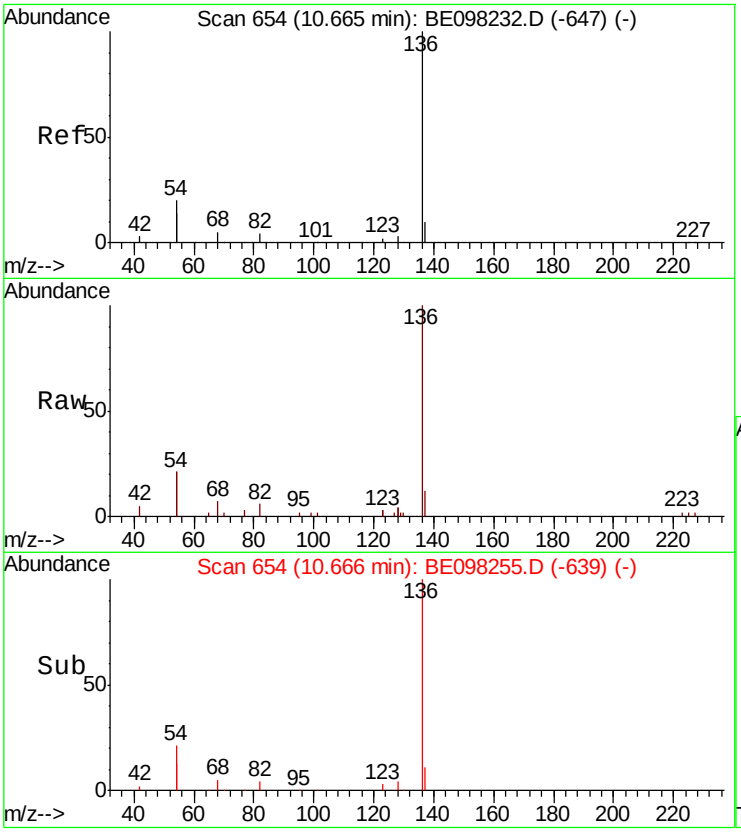


#6
bis(2-Chloroethyl)ether
Concen: 0.306 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion: 93 Resp: 1506

Ion	Ratio	Lower	Upper
93	100		
63	344.7	272.6	409.0
95	33.3	27.1	40.7



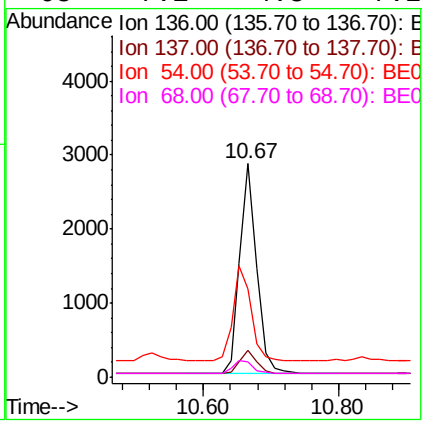


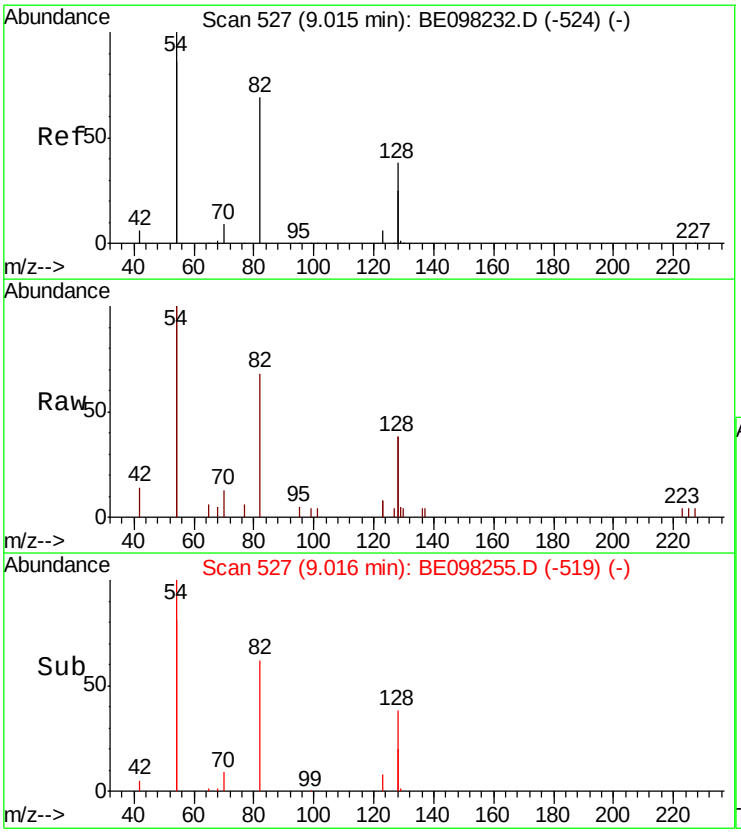
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5009

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	41.4	31.3	46.9
68	7.1	4.8	7.2

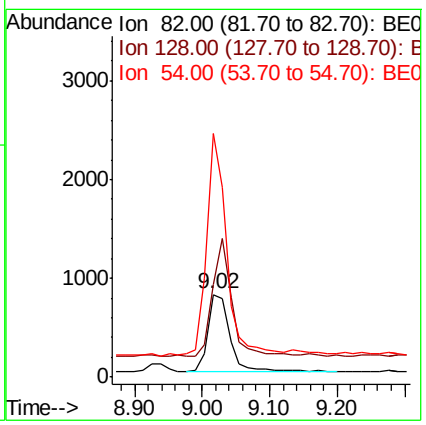


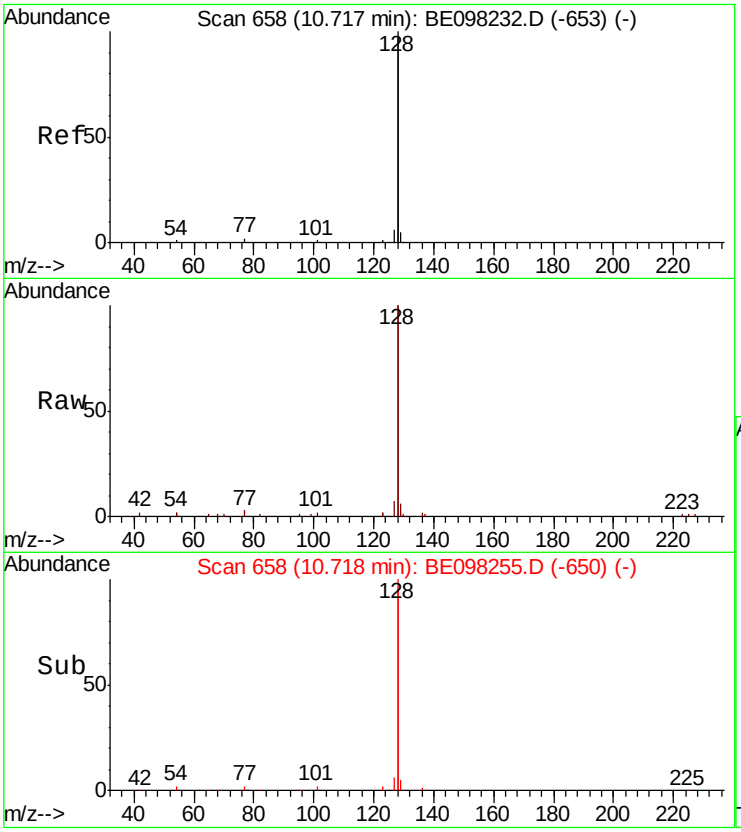


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion: 82 Resp: 1779

Ion	Ratio	Lower	Upper
82	100		
128	111.9	96.1	144.1
54	293.6	232.0	348.0



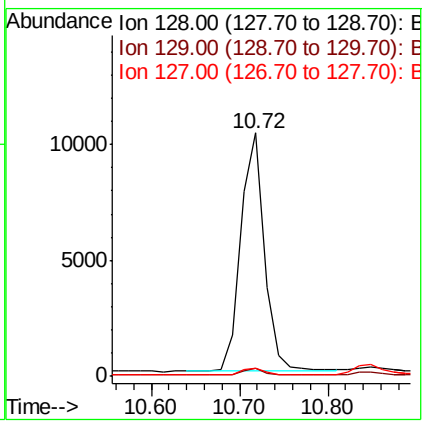


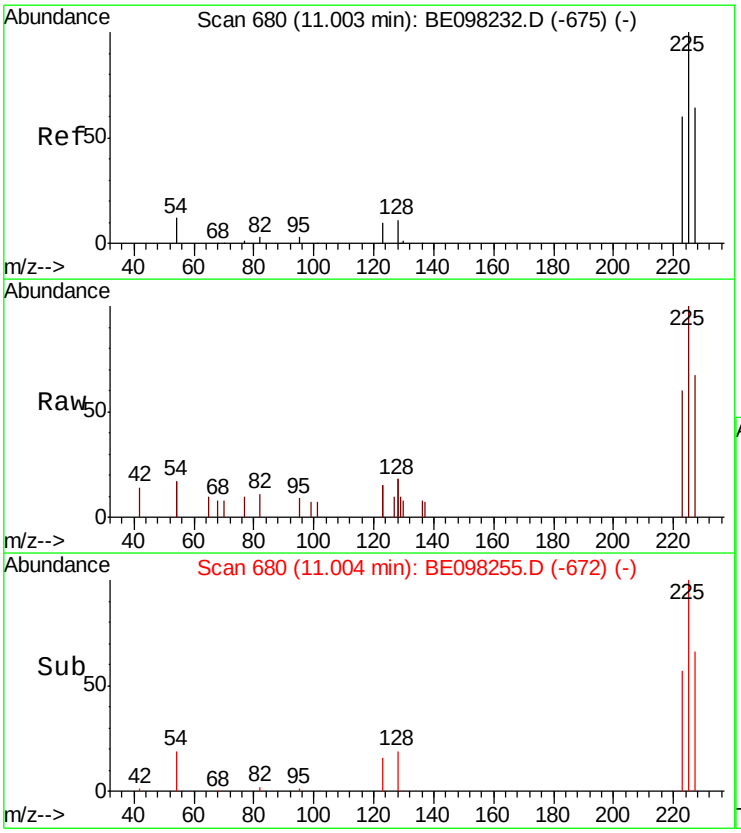
#9
Naphthalene
Concen: 0.376 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19158

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	3.4	2.8	4.2

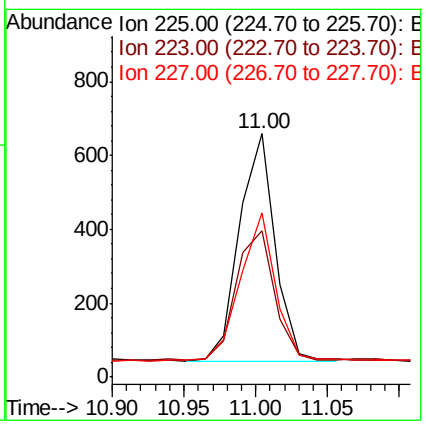


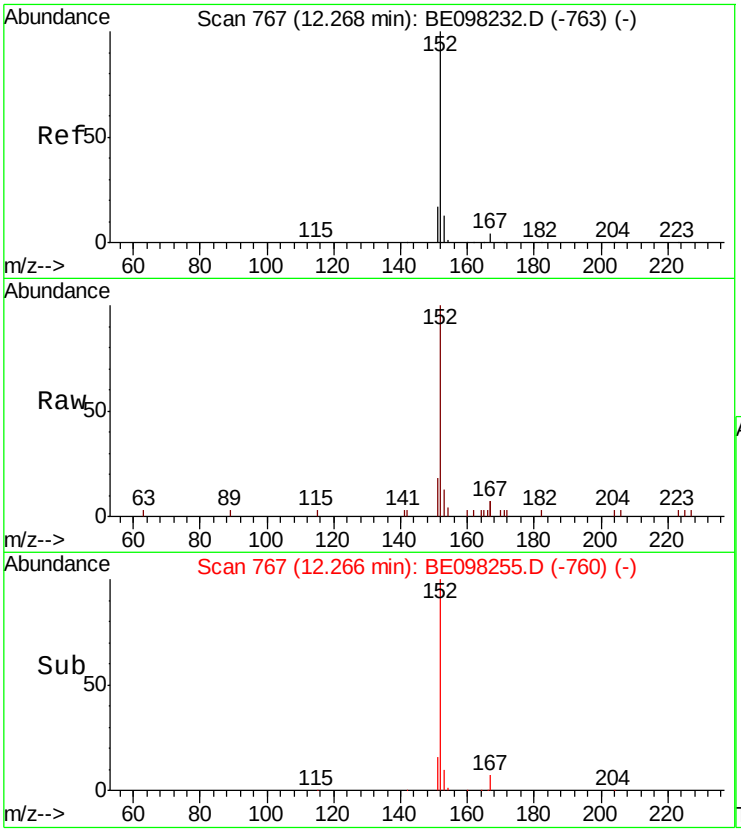


#10
Hexachlorobutadiene
Concen: 0.353 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:225 Resp: 1057

Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.5	75.7
227	64.5	50.3	75.5



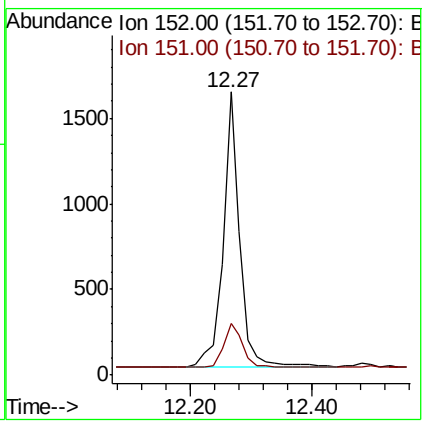


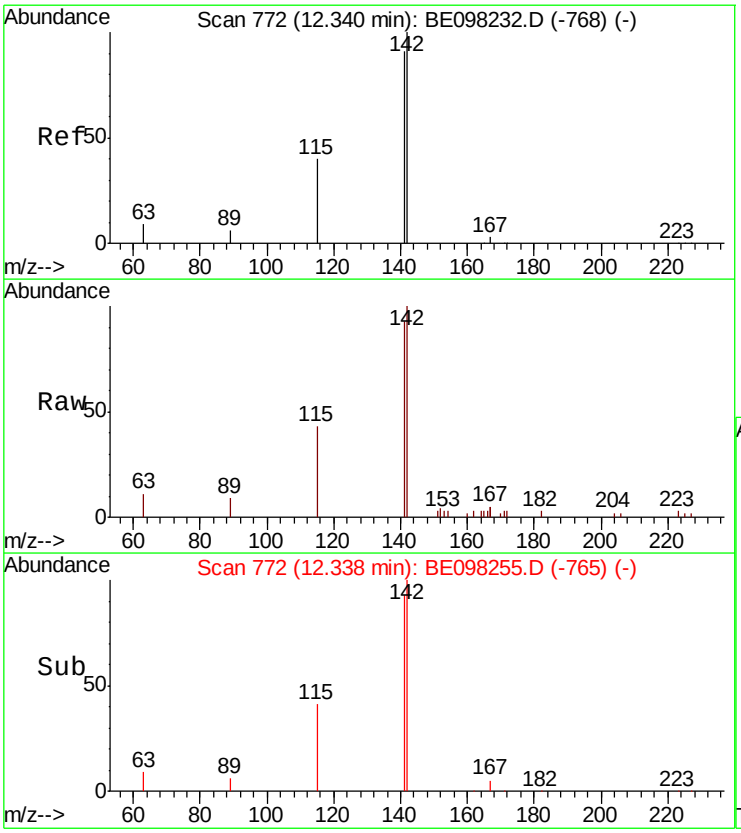
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3052

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.4	23.2

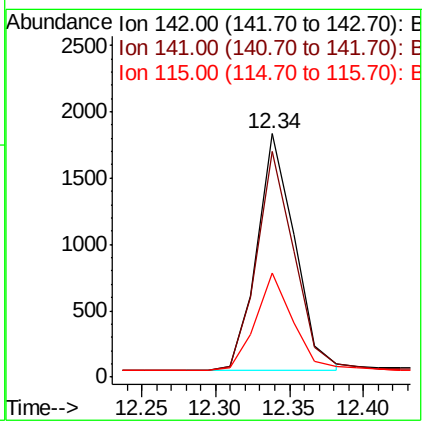


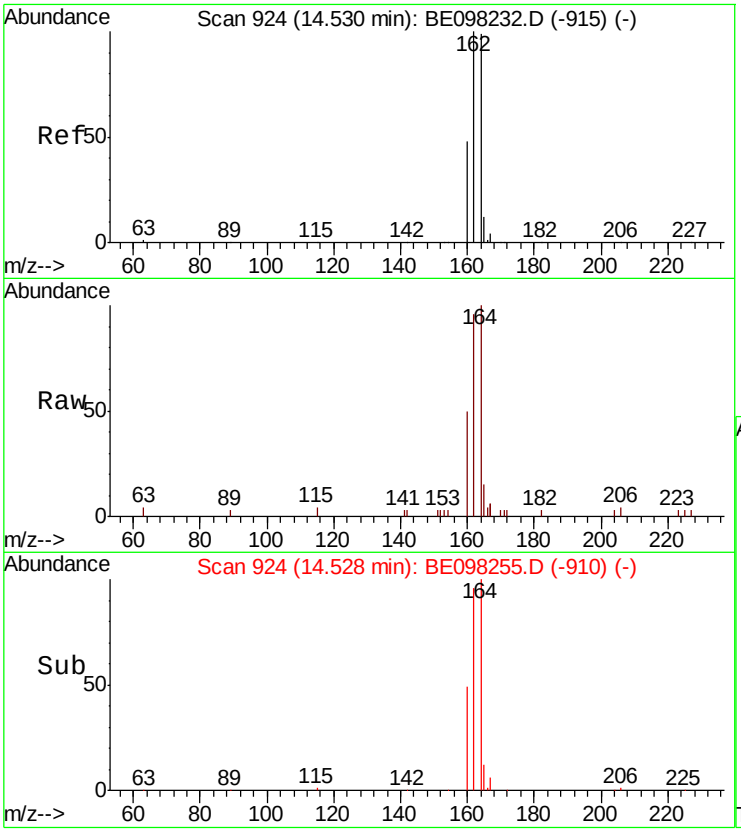


#12
2-Methylnaphthalene
Concen: 0.351 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:142 Resp: 3154

Ion	Ratio	Lower	Upper
142	100		
141	92.9	76.3	114.5
115	42.7	35.8	53.8



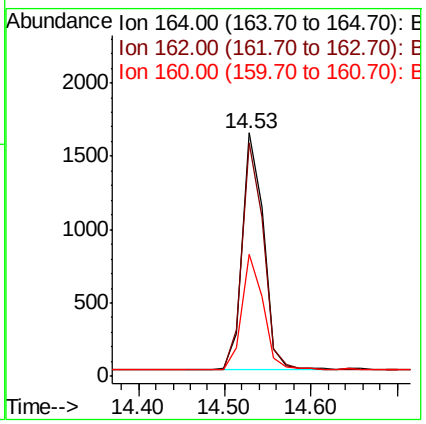


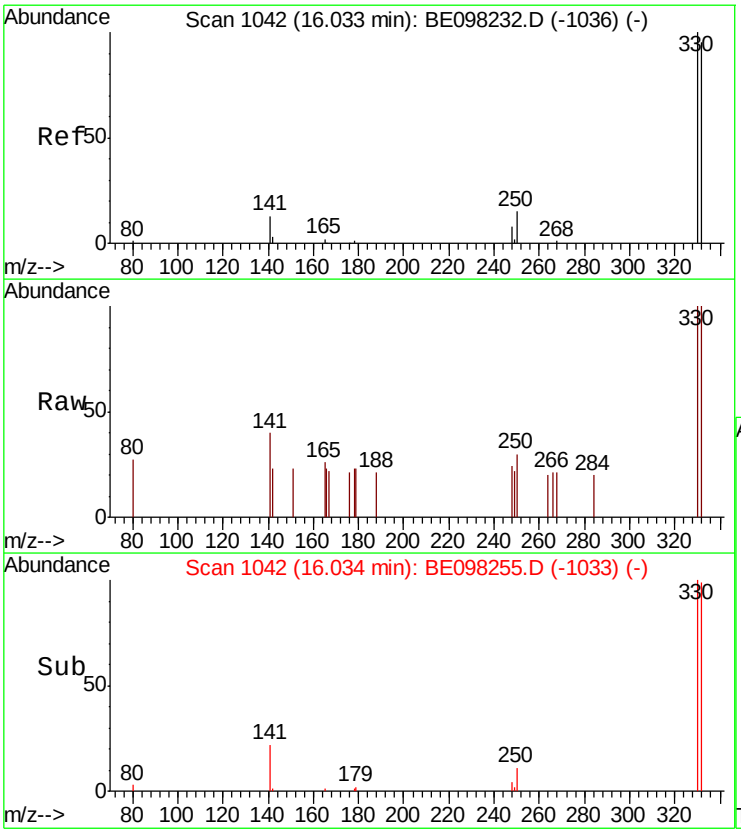
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2727

Ion	Ratio	Lower	Upper
164	100		
162	96.1	81.8	122.6
160	50.0	39.4	59.0

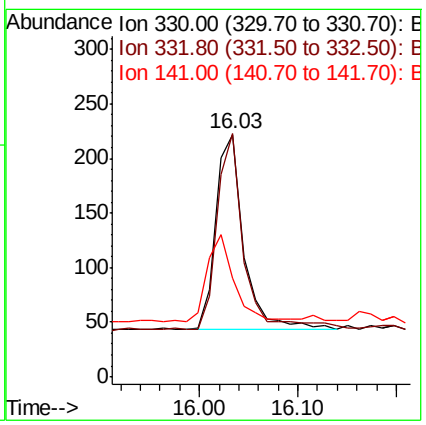


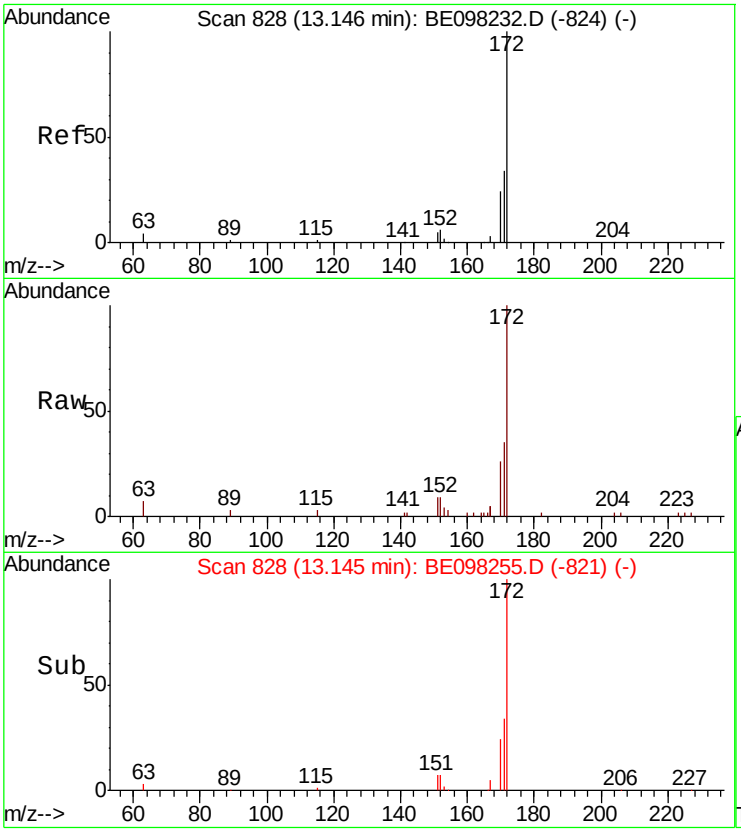


#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:330 Resp: 355

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	43.1	33.6	50.4



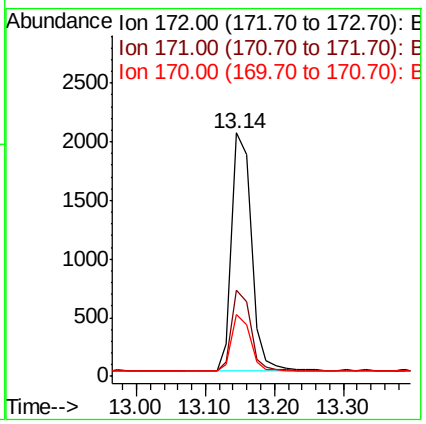


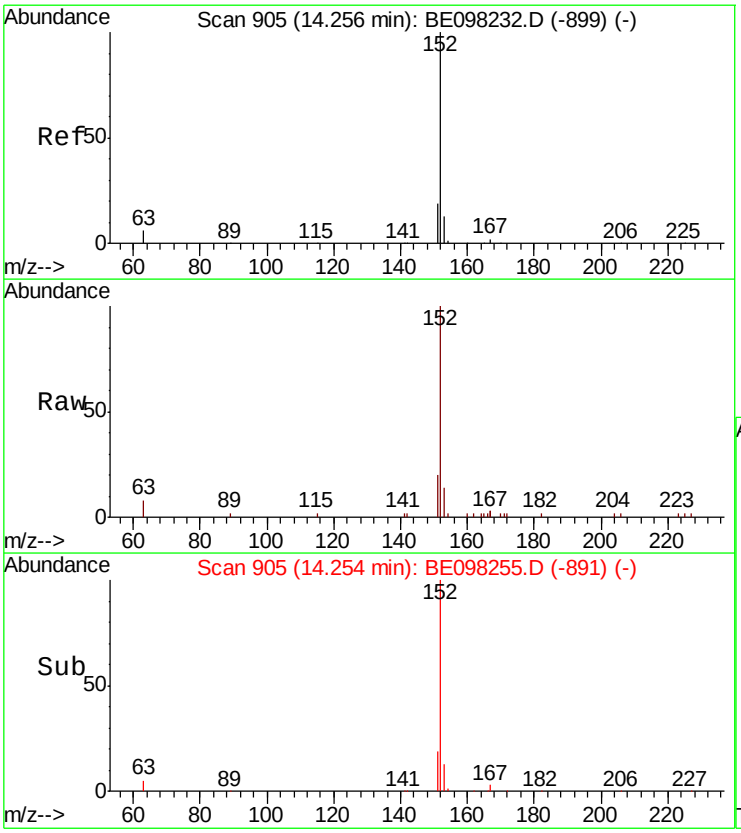
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4040

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	25.6	19.4	29.0

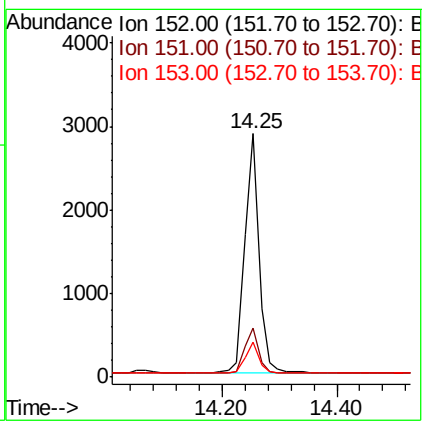


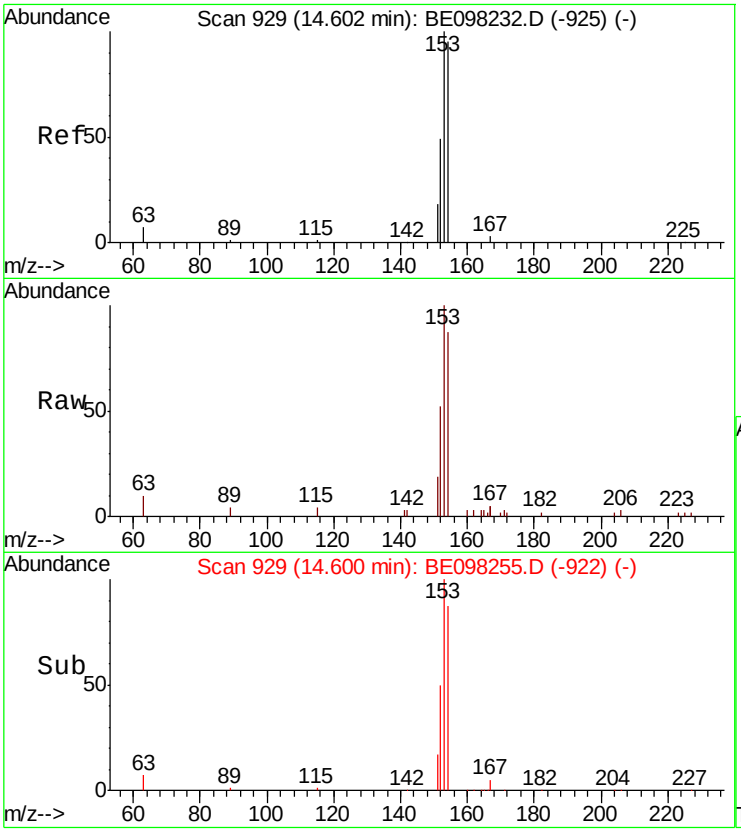


#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:152 Resp: 4918

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.4	24.6
153	12.5	10.6	15.8



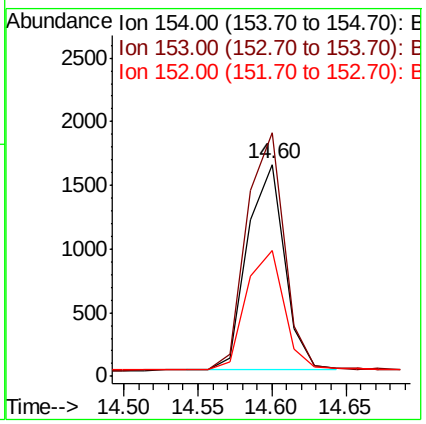


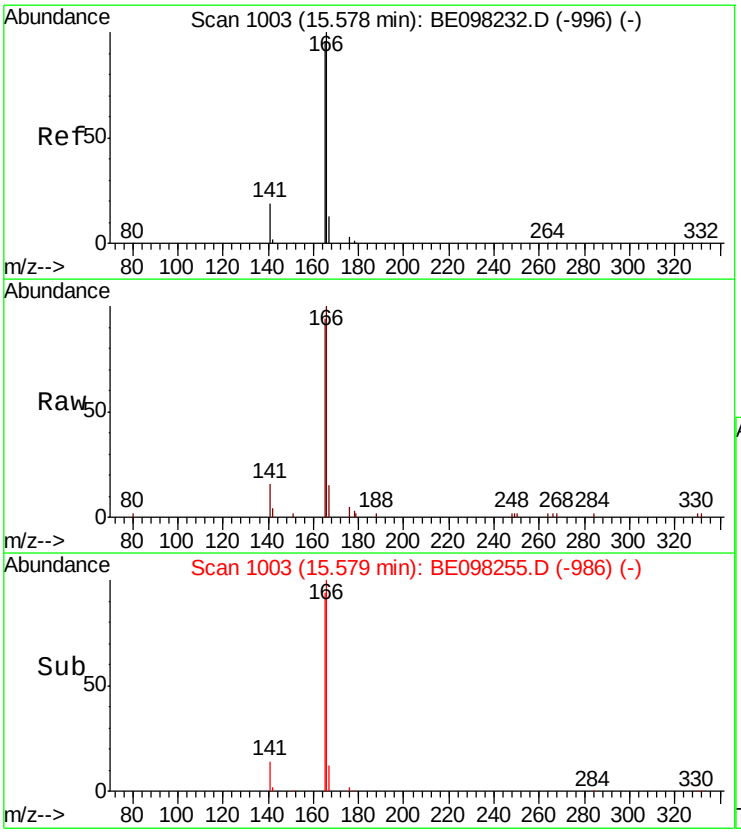
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2807

Ion	Ratio	Lower	Upper
154	100		
153	117.1	92.1	138.1
152	60.2	46.2	69.2

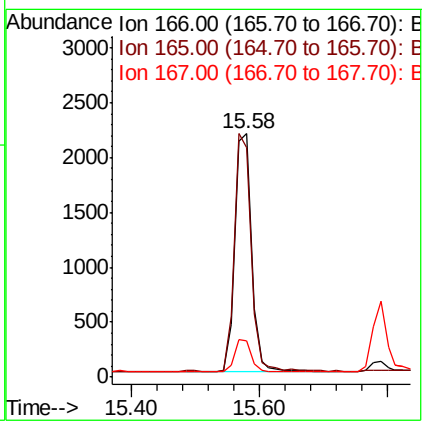


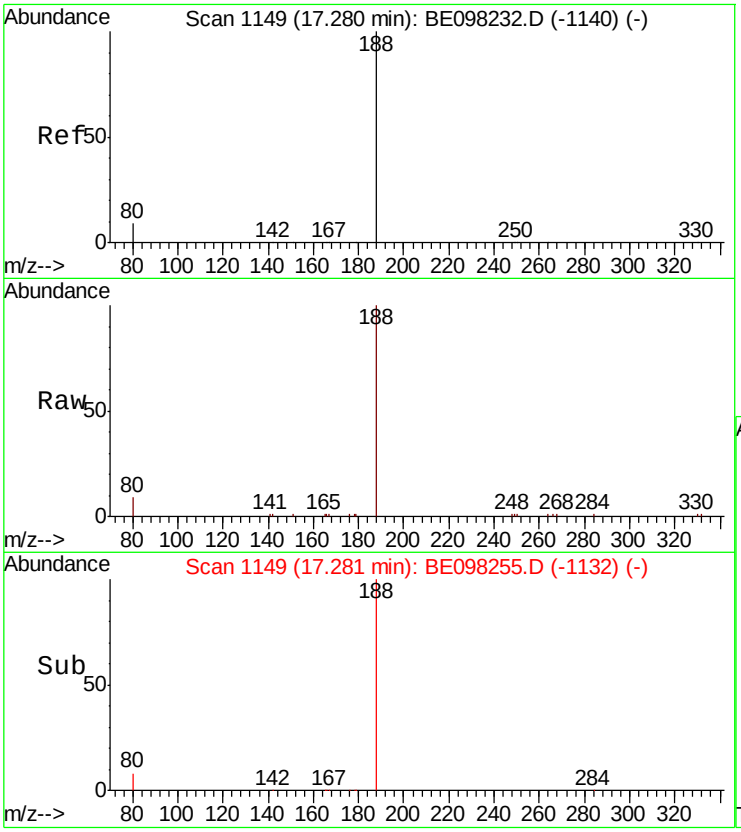


#18
Fluorene
Concen: 0.392 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:166 Resp: 3873

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.1	120.1
167	13.7	10.8	16.2



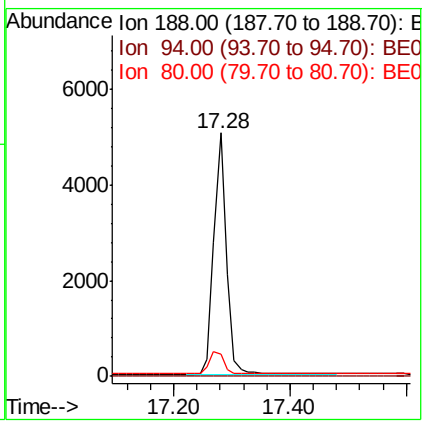


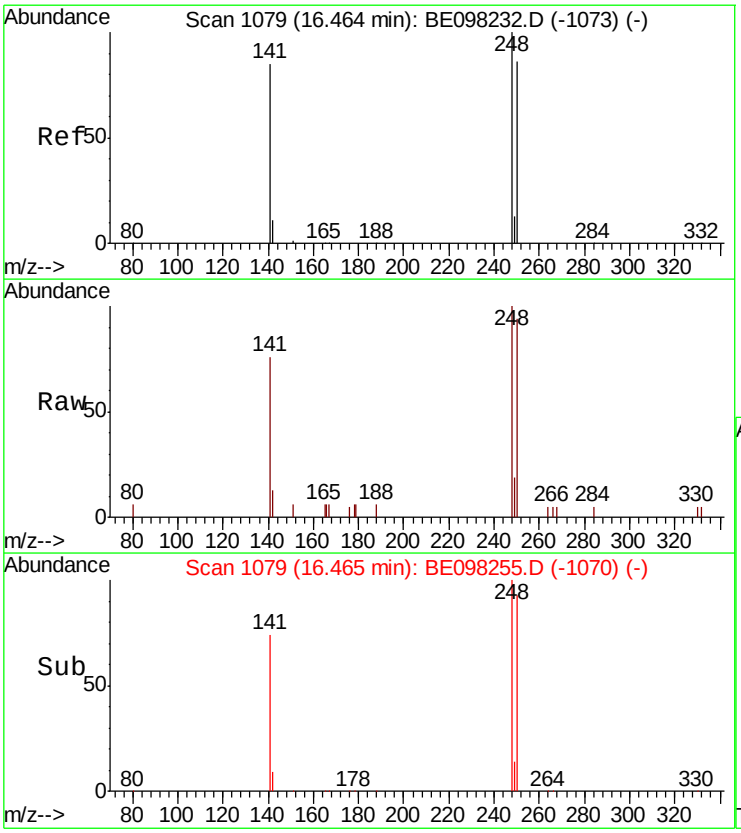
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7577

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	6.7	10.1

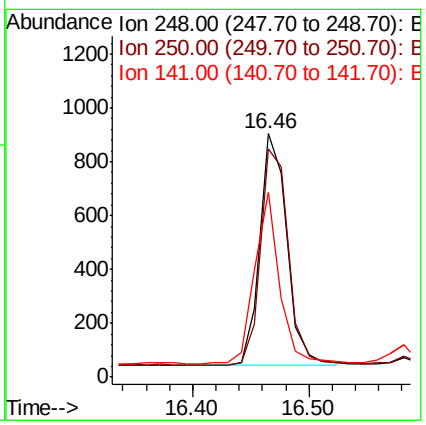


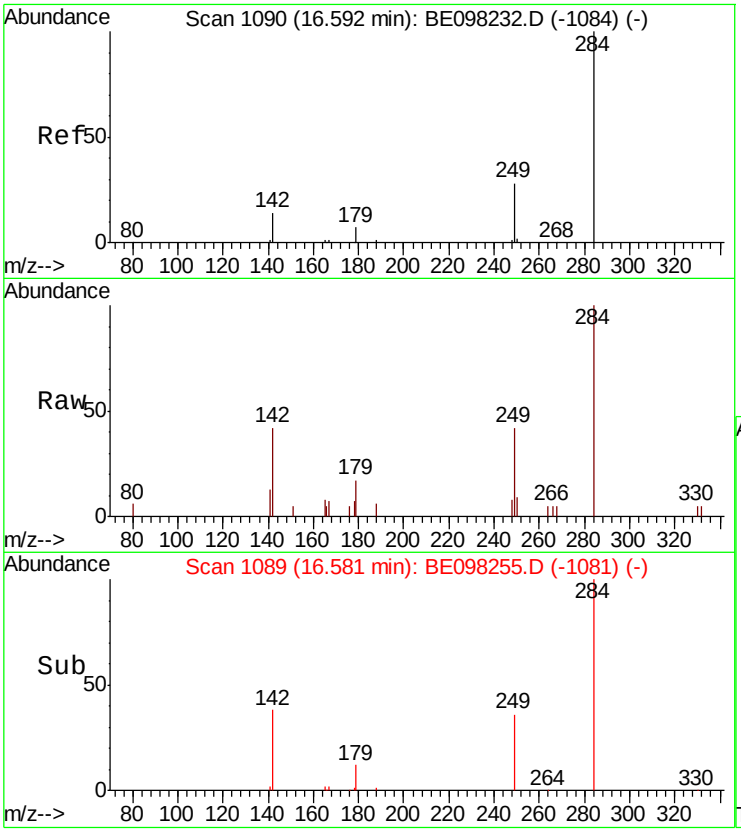


#20
4-Bromophenyl-phenylether
Concen: 0.299 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:248 Resp: 1403

Ion	Ratio	Lower	Upper
248	100		
250	93.6	77.6	116.4
141	76.1	65.8	98.8



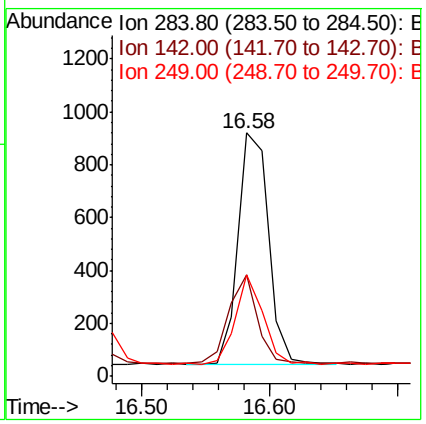


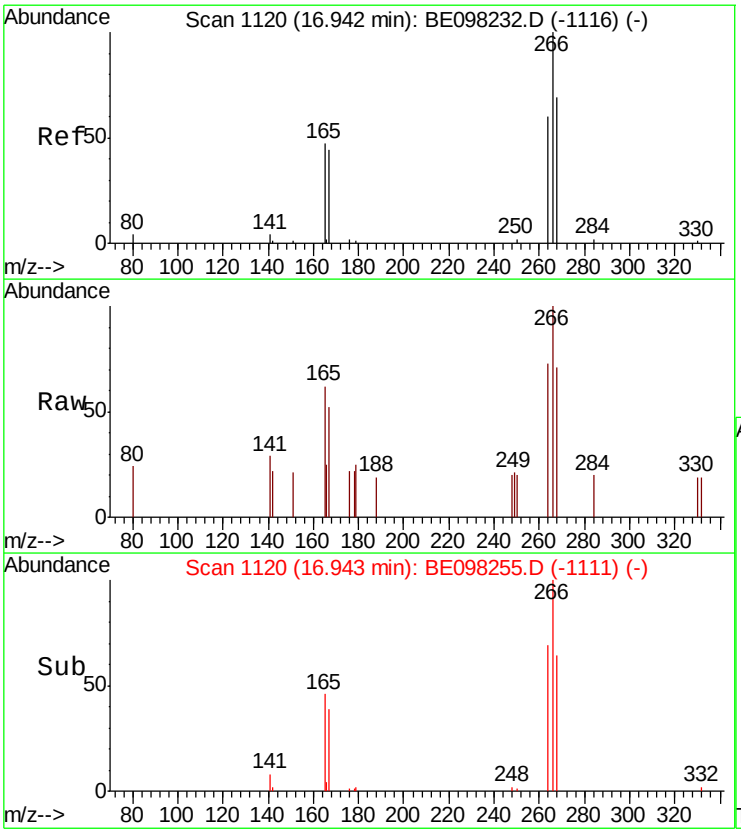
#21
Hexachlorobenzene
Concen: 0.300 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1450

Ion	Ratio	Lower	Upper
284	100		
142	35.5	26.5	39.7
249	35.4	28.4	42.6

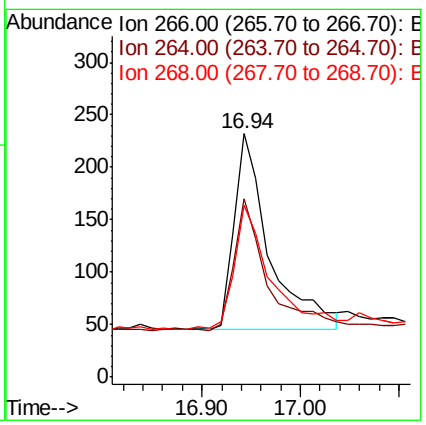


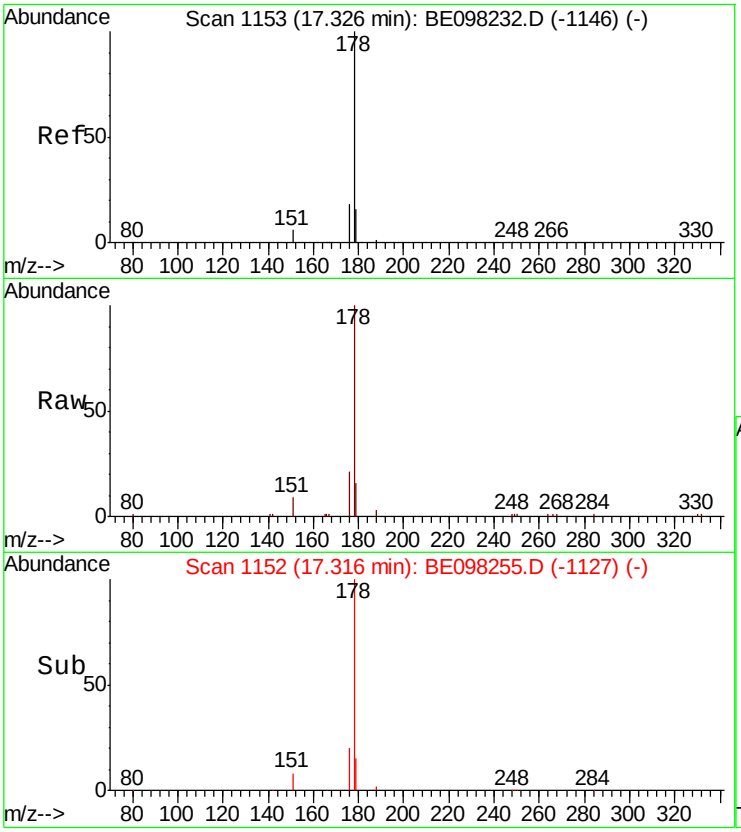


#22
Pentachlorophenol
Concen: 0.597 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:266 Resp: 469

Ion	Ratio	Lower	Upper
266	100		
264	73.3	57.6	86.4
268	70.7	56.8	85.2



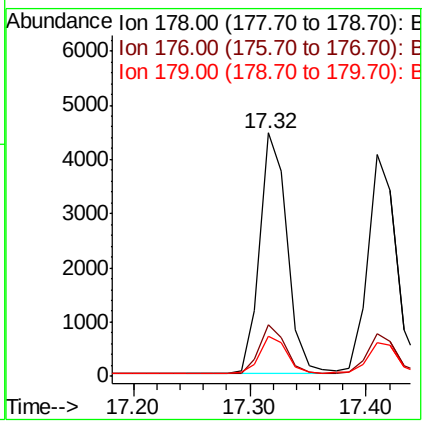


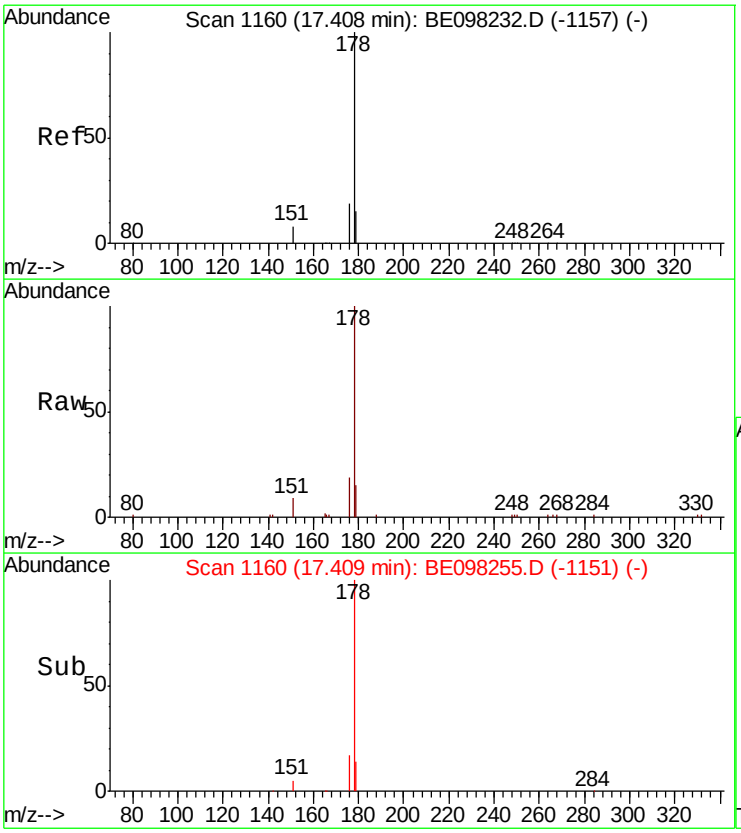
#23
Phenanthrene
Concen: 0.376 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7329

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	12.3	18.5

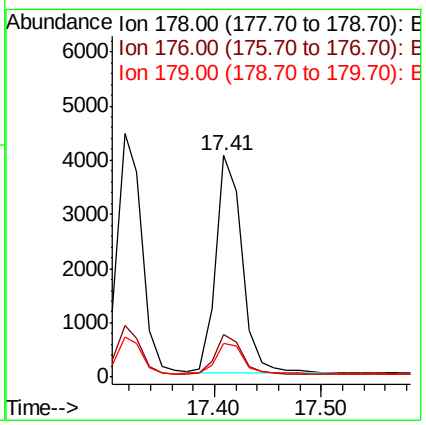


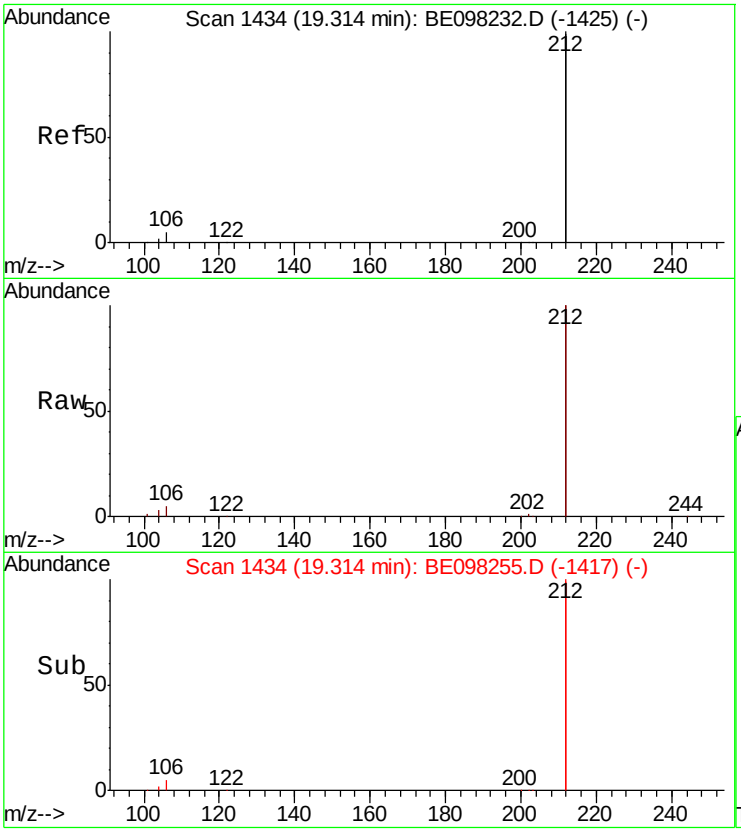


#24
Anthracene
Concen: 0.385 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:178 Resp: 6819

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.7	23.5
179	14.2	12.1	18.1



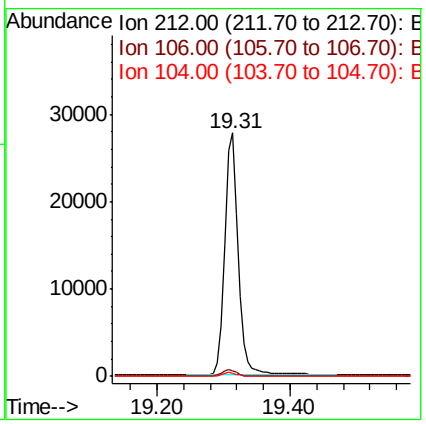


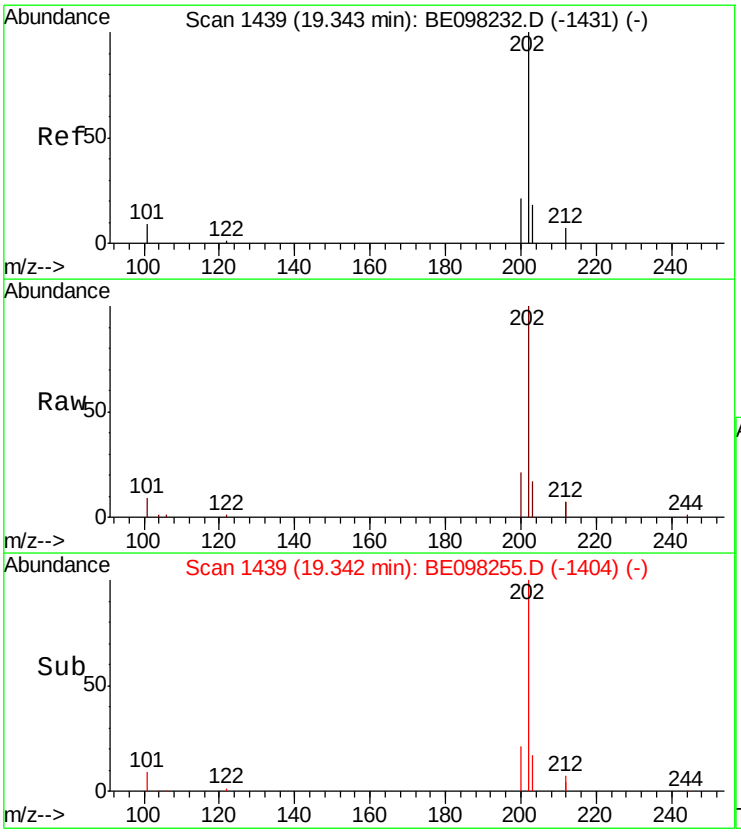
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38727

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.6	1.1	1.7

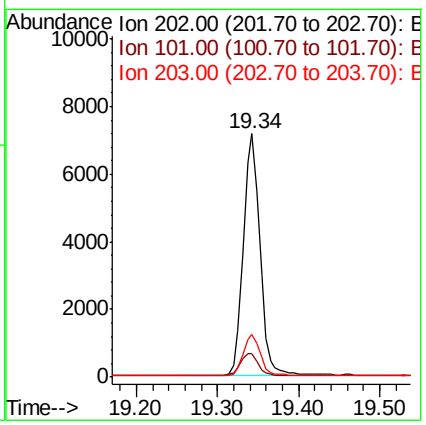


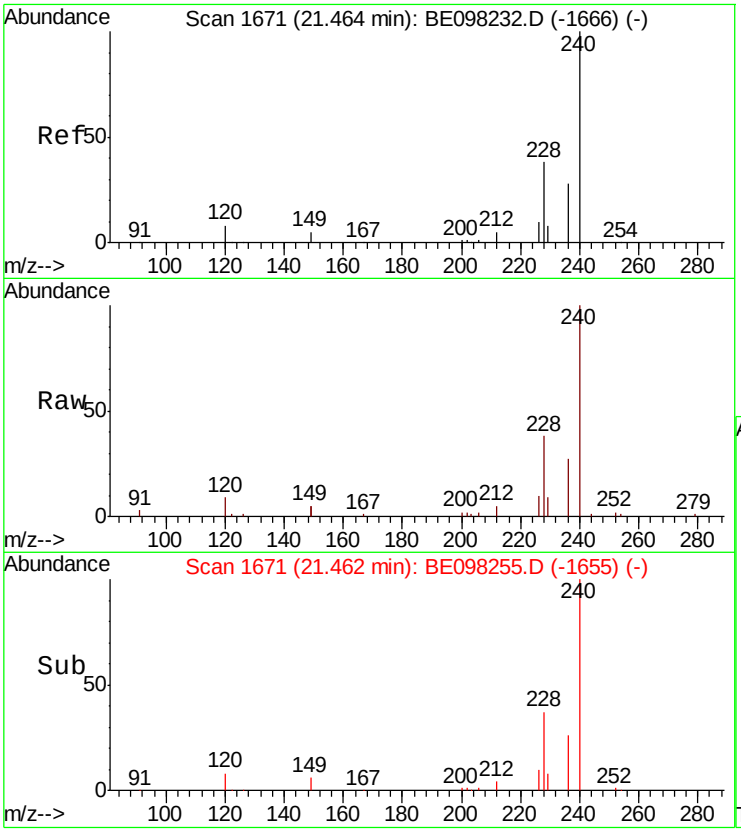


#26
Fluoranthene
Concen: 0.437 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:202 Resp: 10219

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.6
203	16.7	13.7	20.5



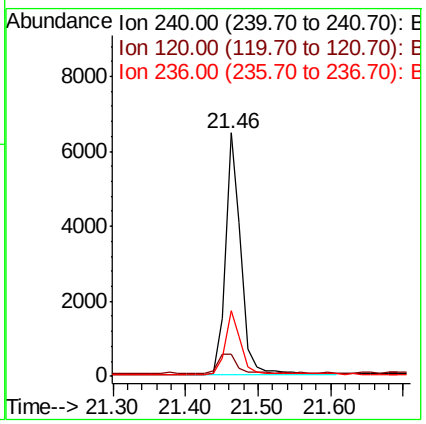


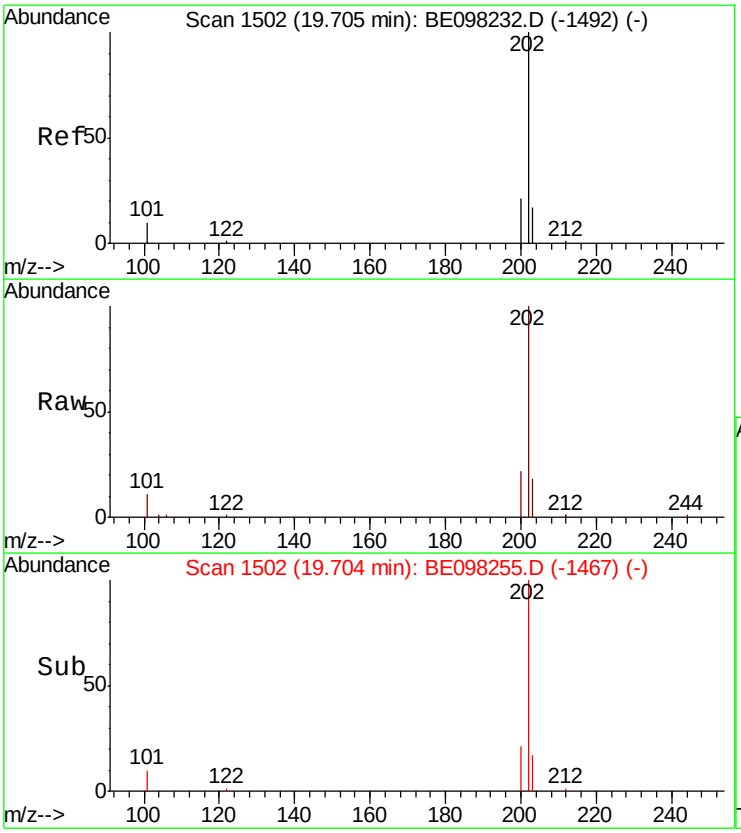
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9695

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.8	7.2#
236	26.9	21.4	32.0

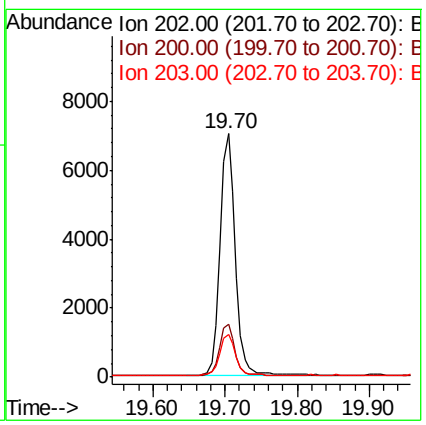


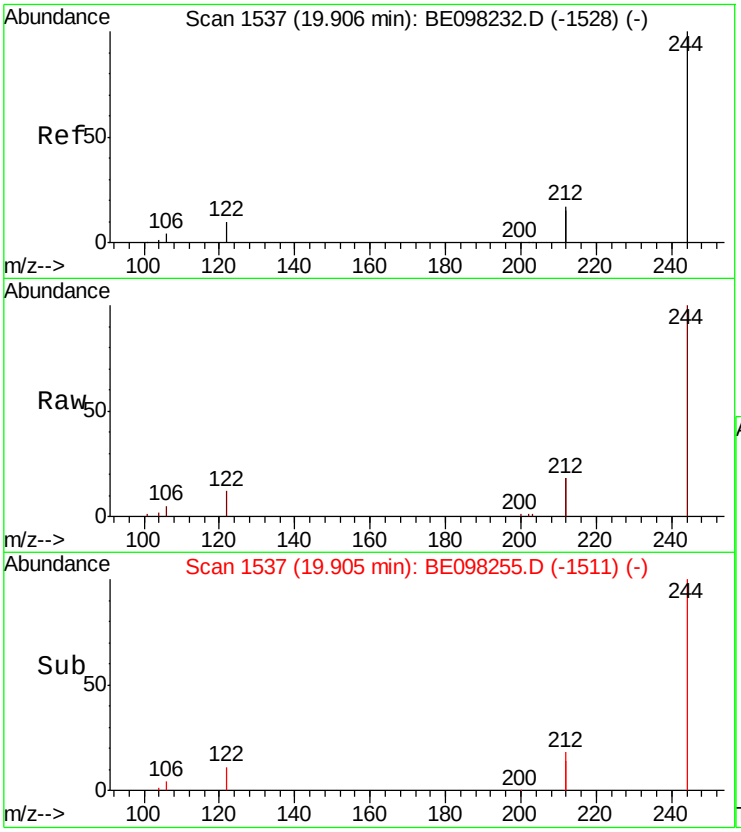


#28
Pyrene
Concen: 0.360 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:202 Resp: 10189

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.3	14.2	21.4



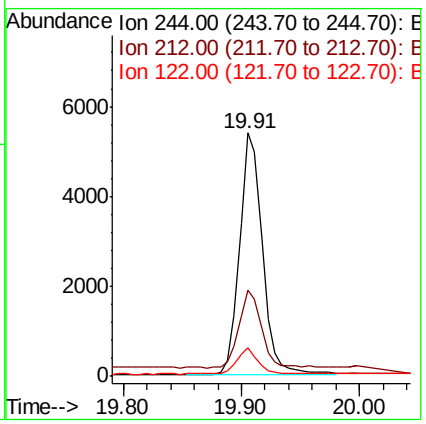


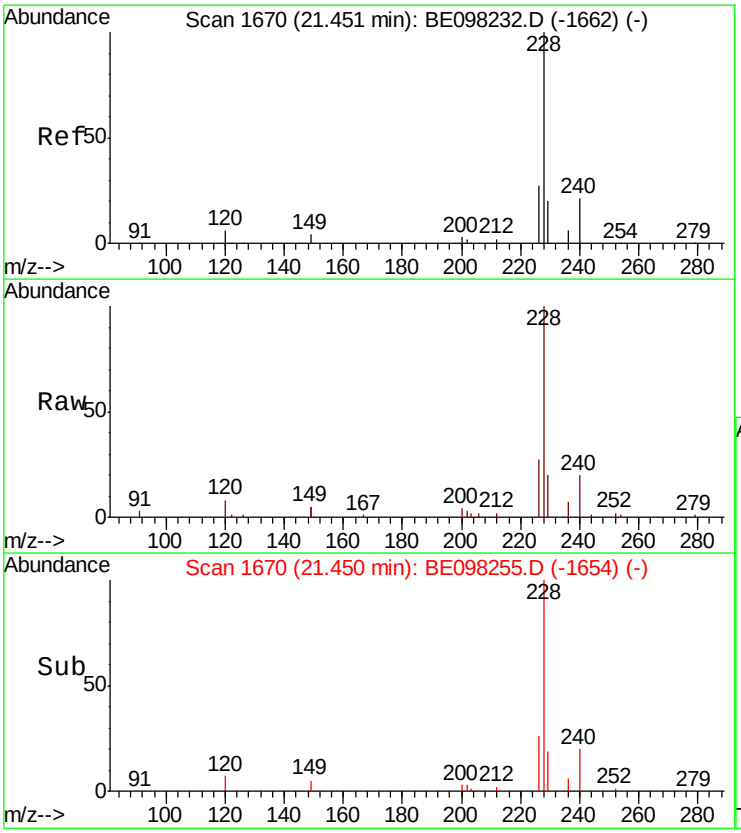
#29
Terphenyl-d14
Concen: 0.321 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7152

Ion	Ratio	Lower	Upper
244	100		
212	35.4	26.8	40.2
122	11.5	7.0	10.6#

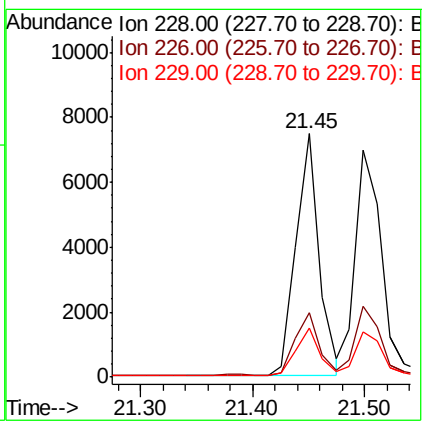


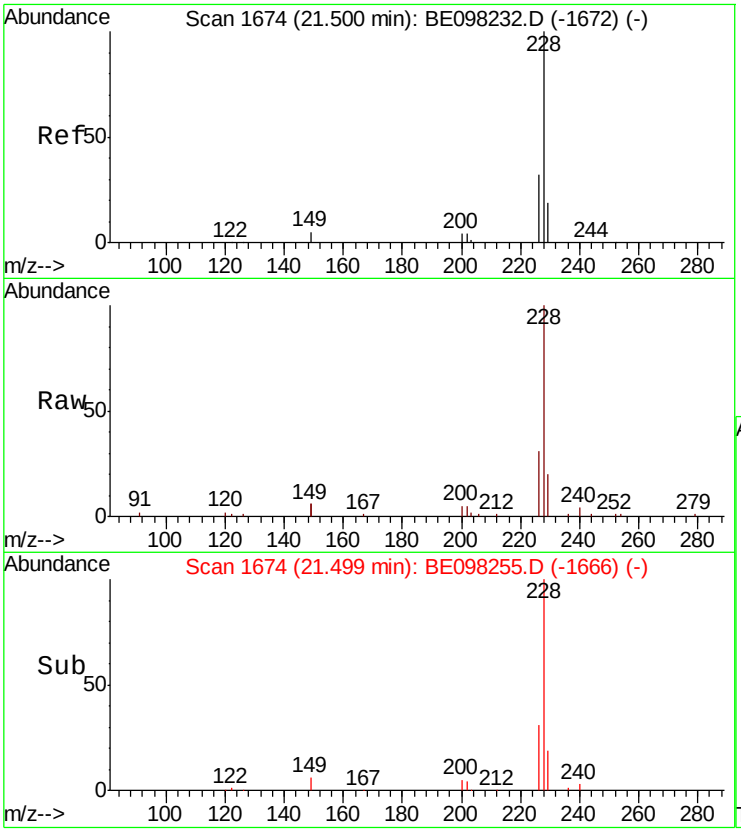


#30
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:228 Resp: 10632

Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.7	31.1
229	20.1	16.2	24.4



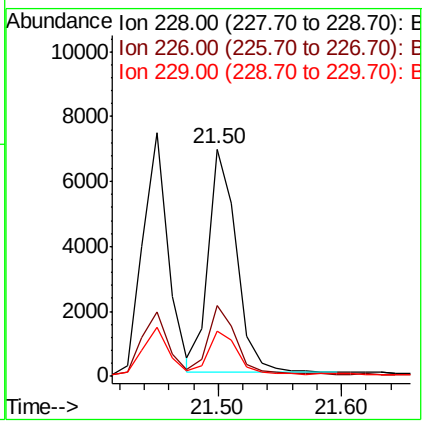


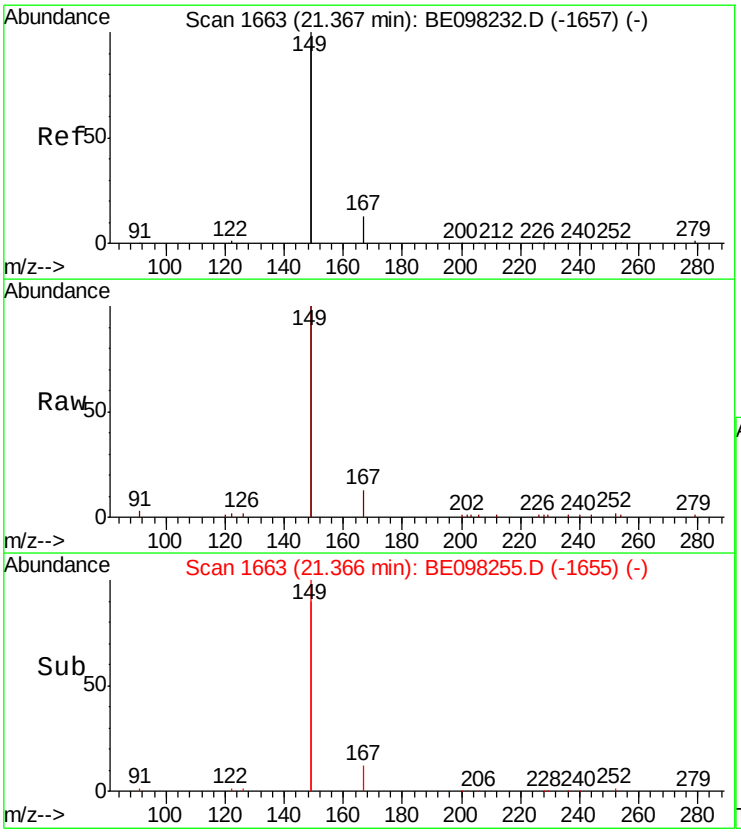
#31
Chrysene
Concen: 0.379 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10923

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	36.8
229	19.7	16.0	24.0

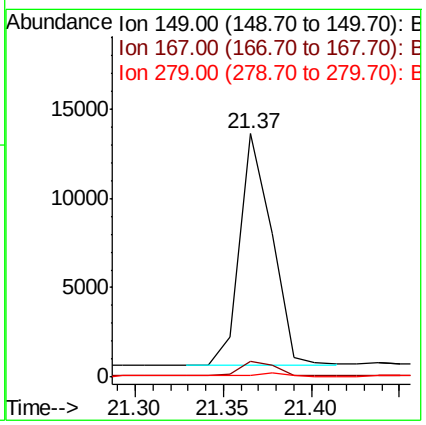


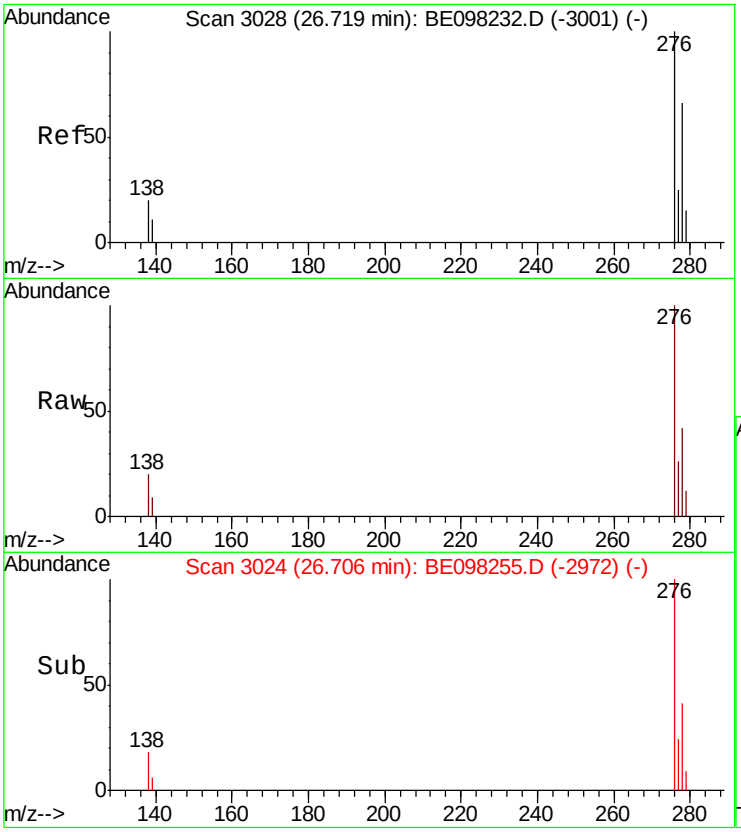


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.374 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:149 Resp: 16358

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.1	0.9	1.3



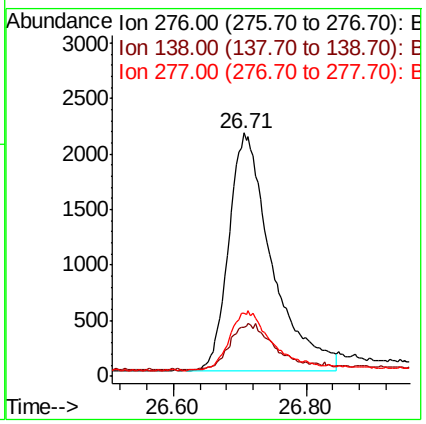


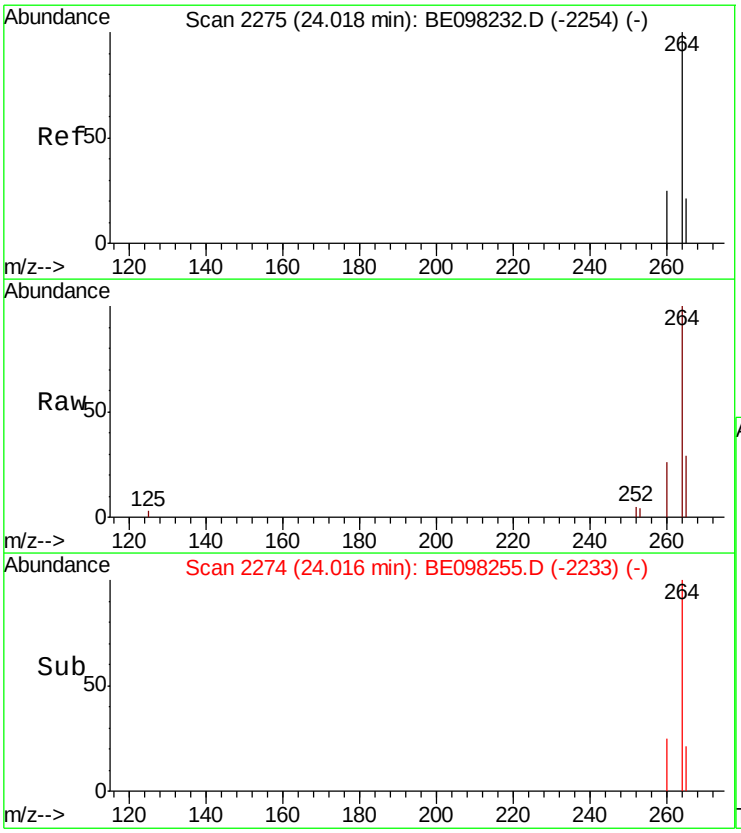
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9648

Ion	Ratio	Lower	Upper
276	100		
138	0.0	6.4	9.6#
277	10.0	18.9	28.3#

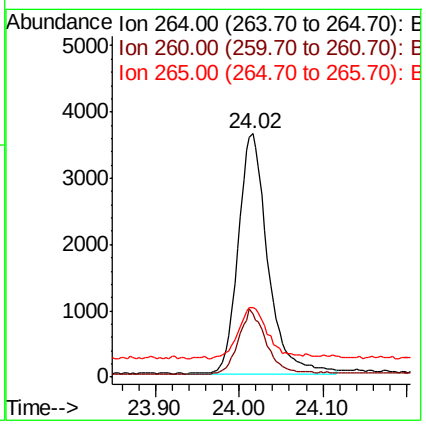


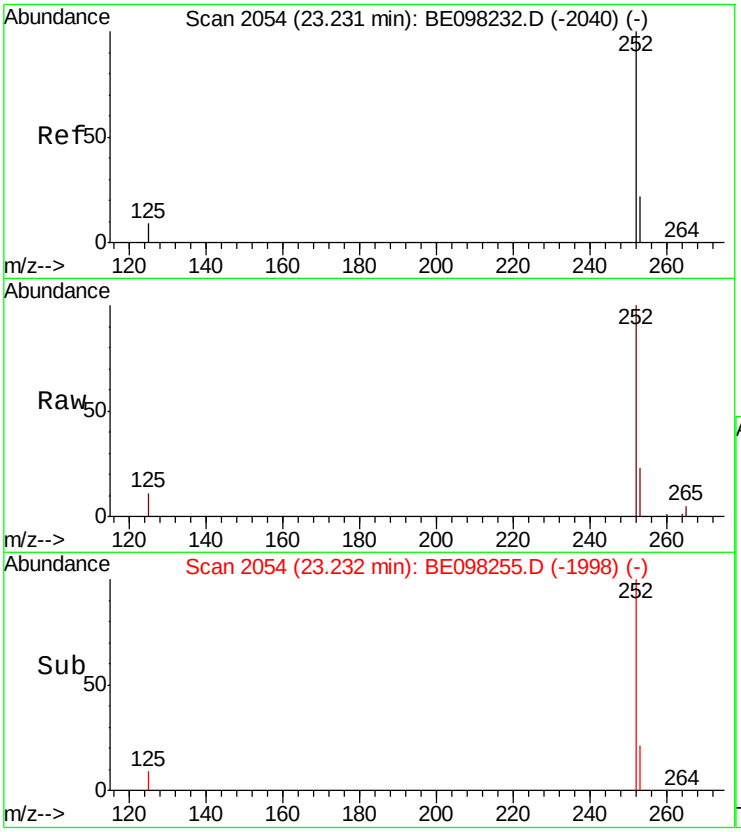


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:264 Resp: 8882

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.9	29.9
265	28.8	21.3	31.9



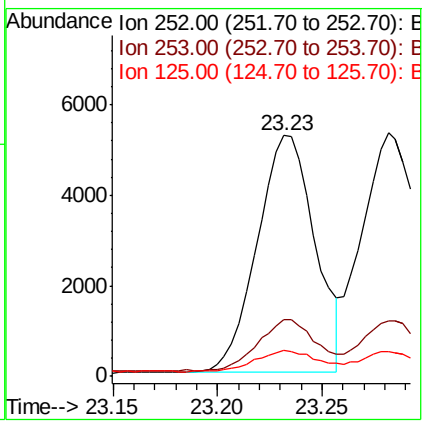


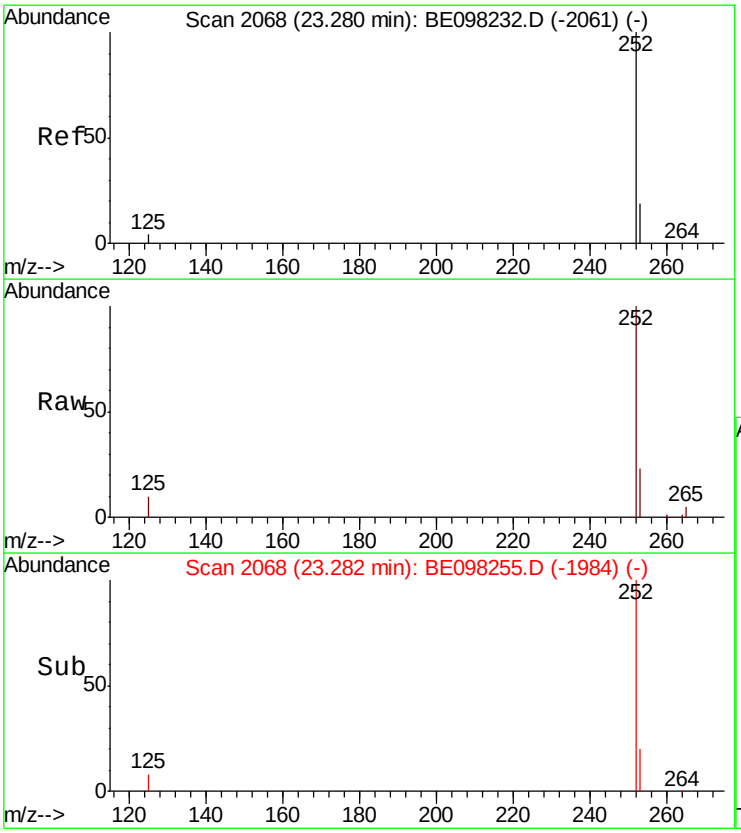
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10050

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.0
125	10.6	8.6	12.8

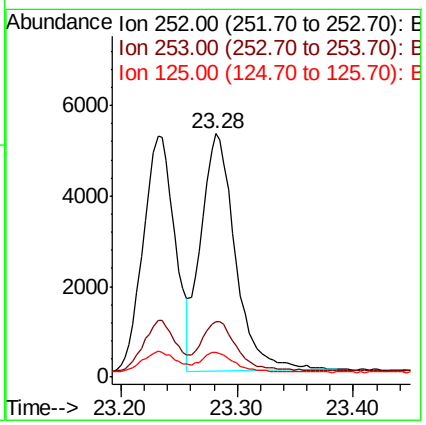


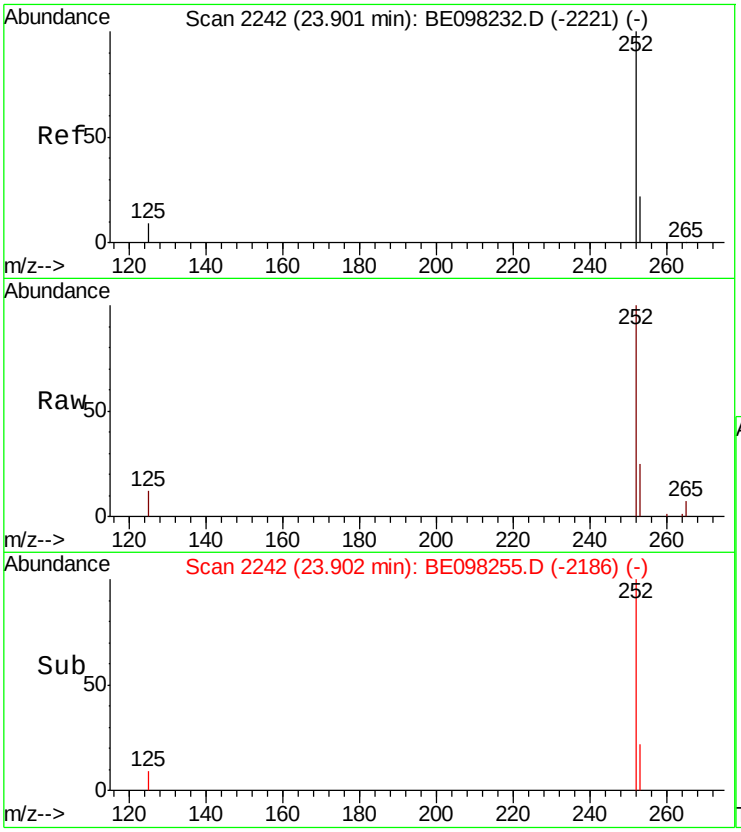


#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:252 Resp: 10772

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	10.2	7.4	11.0



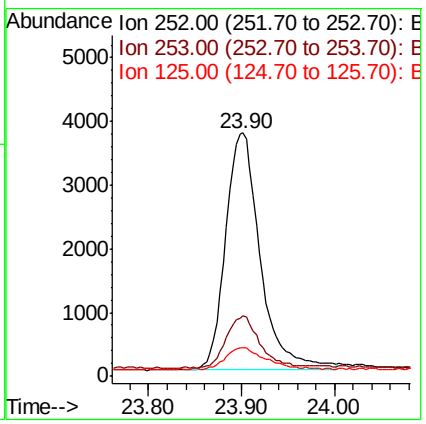


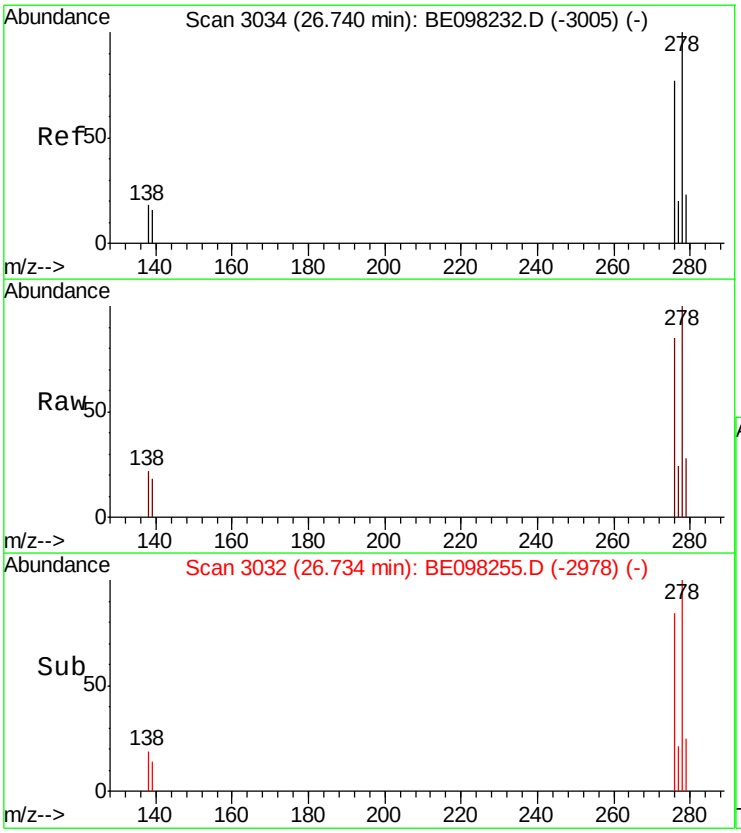
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9715

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.6	27.8
125	11.8	8.0	12.0

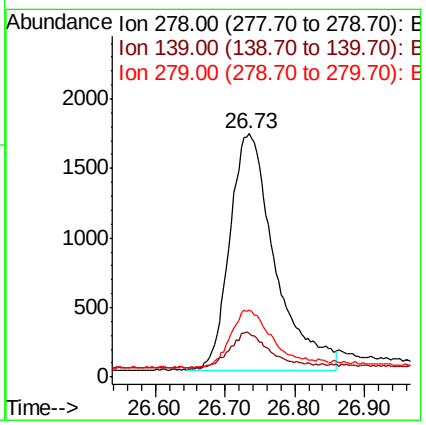


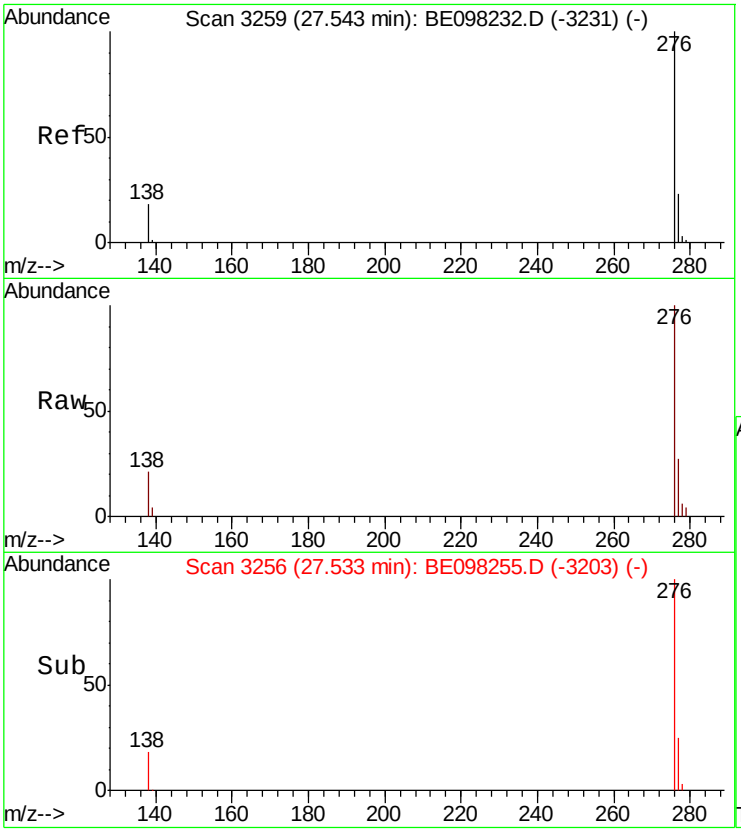


#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 26.73 min Scan# 3032
Delta R.T. -0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:278 Resp: 7657

Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.4	24.6
279	27.5	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 27.53 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8489

Ion	Ratio	Lower	Upper
276	100		
277	26.6	20.4	30.6
138	20.6	13.2	19.8#