Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097075.D
Acq On : 24 Jul 2018 17:13
Operator : SJ/JU
Sample : J4073-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 25 00:37:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1129	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5521	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3512	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	10496	0.40	ng		0.00
27) Chrysene-d12	20.98	240	10666	0.40	ng		0.00
34) Perylene-d12	23.21	264	10046	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	410	0.13	ng		0.00
5) Phenol-d6	6.60	99	368	0.08	ng		0.00
8) Nitrobenzene-d5	8.52	82	1921	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3185	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	364	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	5525	0.46	ng		0.00
25) Fluoranthene-d10	18.81	212	47588	0.45	ng		0.00
29) Terphenyl-d14	19.43	244	8031	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	37	0.021	ng	#	55
3) n-Nitrosodimethylamine	3.35	42	59	0.029	ng	#	1
6) bis(2-Chloroethyl)ether	6.88	93	12	0.003	ng	#	1
9) Naphthalene	10.20	128	1535	0.031	ng	#	88
10) Hexachlorobutadiene	10.48	225	3	0.001	ng	#	1
12) 2-Methylnaphthalene	11.81	142	157	0.018	ng	#	84
16) Acenaphthylene	13.74	152	25	0.002	ng	#	1
17) Acenaphthene	14.07	154	30	0.003	ng	#	10
18) Fluorene	15.08	166	80	0.007	ng	#	82
20) 4-Bromophenyl-phenylether	15.97	248	4	0.001	ng	#	24
21) Hexachlorobenzene	16.07	284	6	0.001	ng	#	26
22) Pentachlorophenol	16.43	266	31	0.059	ng		96
23) Phenanthrene	16.81	178	413	0.017	ng	#	82
24) Anthracene	16.91	178	55	0.002	ng	#	62
26) Fluoranthene	18.84	202	120	0.004	ng	#	84
28) Pyrene	19.20	202	113	0.004	ng	#	84
30) Benzo(a)anthracene	20.97	228	65	0.002	ng	#	7
31) Chrysene	21.00	228	42	0.001	ng	#	1
32) Bis(2-ethylhexyl)phthalate	20.92	149	7643	0.275	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	31	0.001	ng	#	54
35) Benzo(b)fluoranthene	22.54	252	70	0.003	ng	#	1
36) Benzo(k)fluoranthene	22.59	252	69	0.002	ng	#	1
37) Benzo(a)pyrene	23.11	252	21	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	25.52	278	21	0.001	ng	#	1
39) Benzo(g,h,i)perylene	26.20	276	28	0.001	ng	#	1

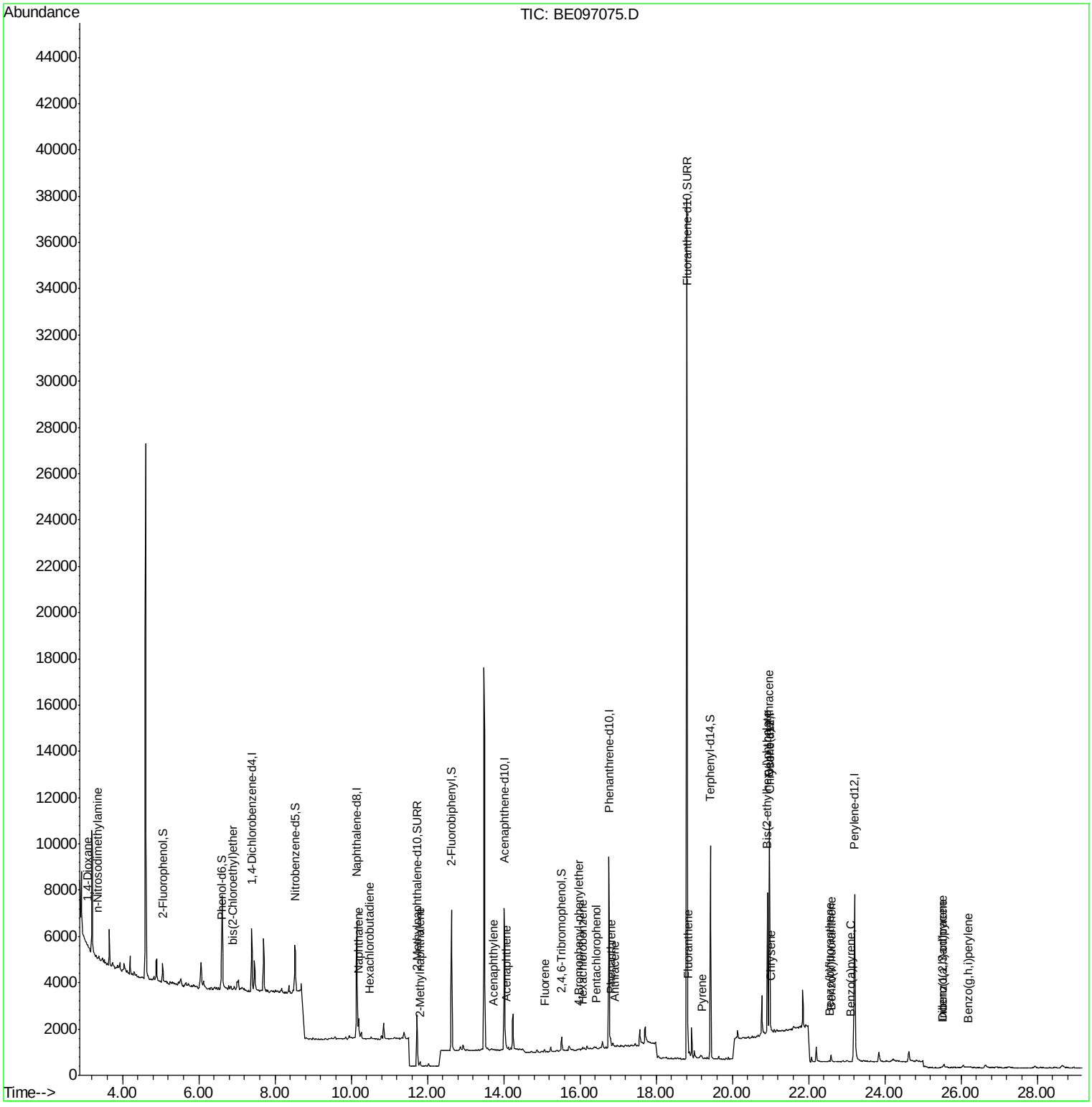
(#) = qualifier out of range (m) = manual integration (+) = signals summed

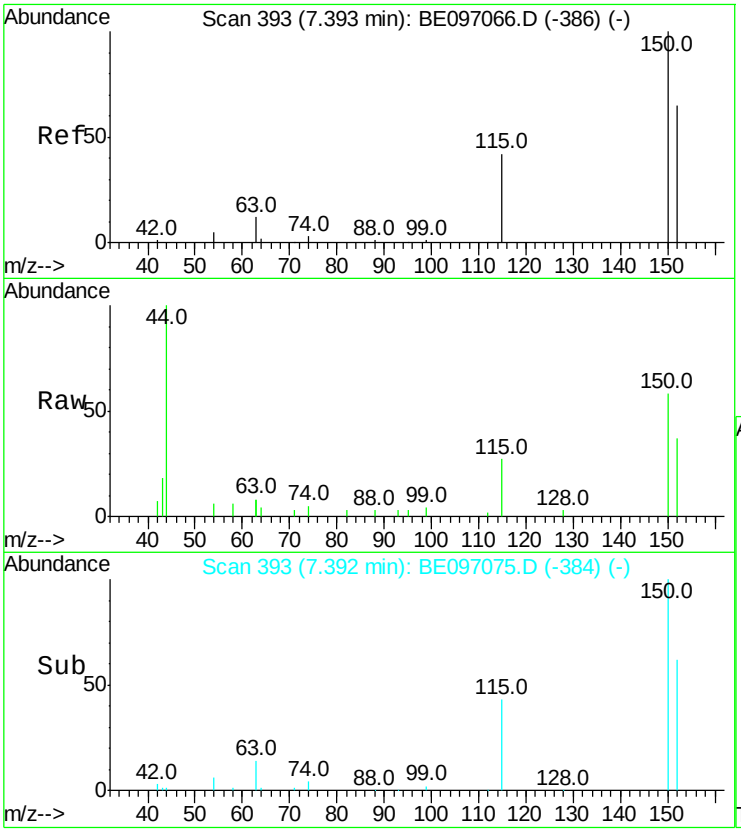
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097075.D
Acq On : 24 Jul 2018 17:13
Operator : SJ/JU
Sample : J4073-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 25 00:37:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration



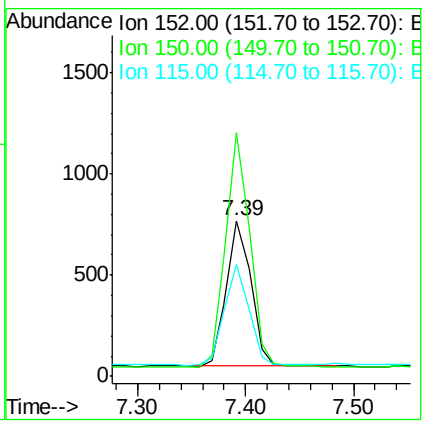


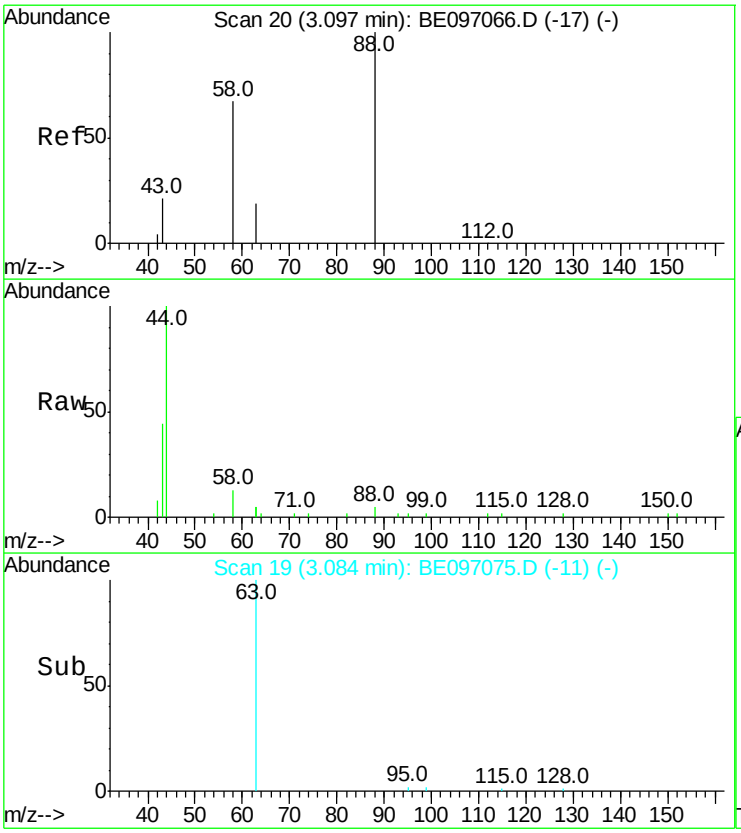
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1129

Ion	Ratio	Lower	Upper
152	100		
150	156.4	117.2	175.8
115	72.2	57.0	85.6

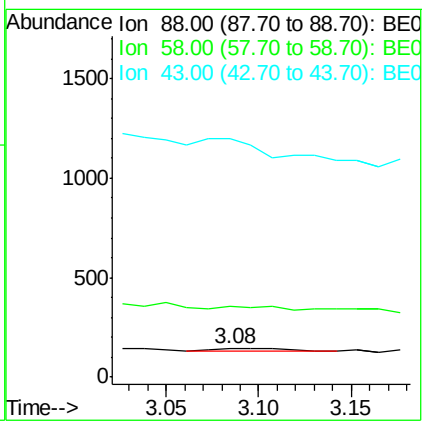


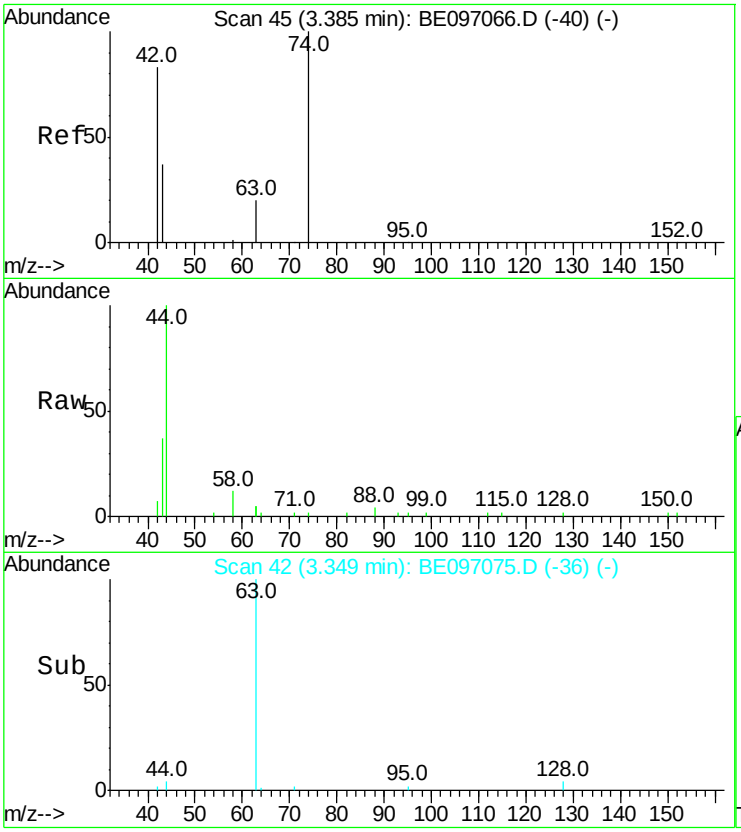


#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion: 88 Resp: 37

Ion	Ratio	Lower	Upper
88	100		
58	102.7	63.2	94.8#
43	0.0	41.2	61.8#



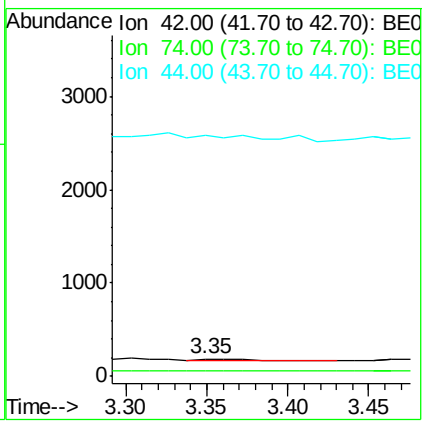


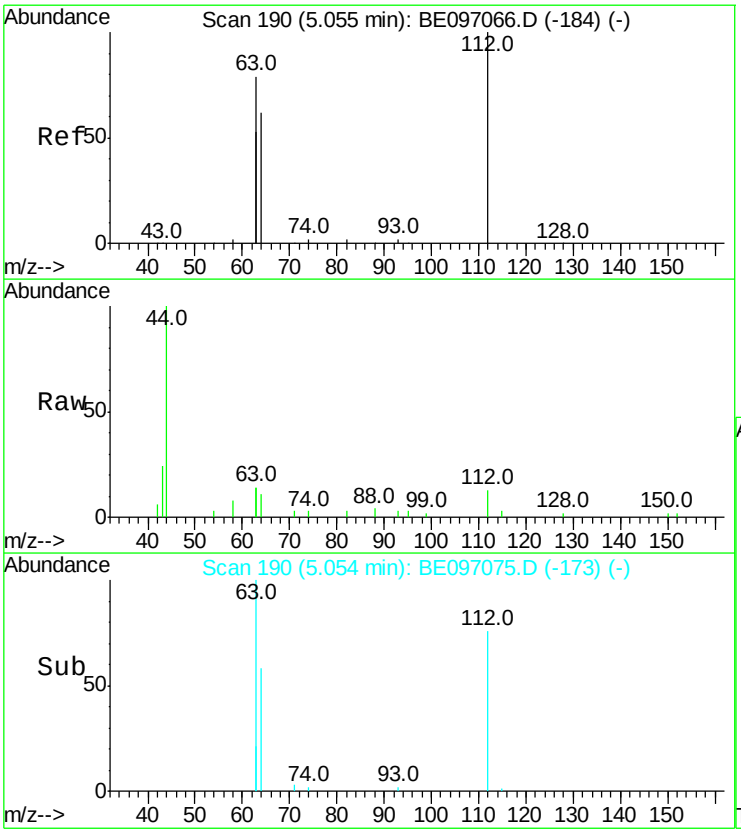
#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.04 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 59

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#

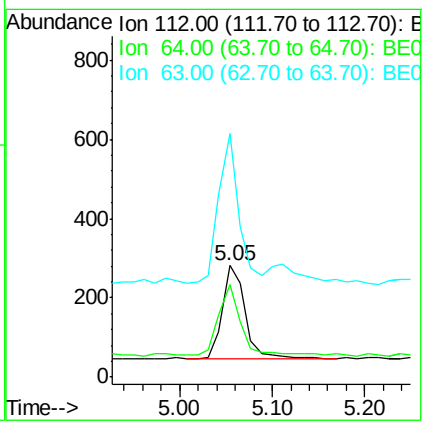


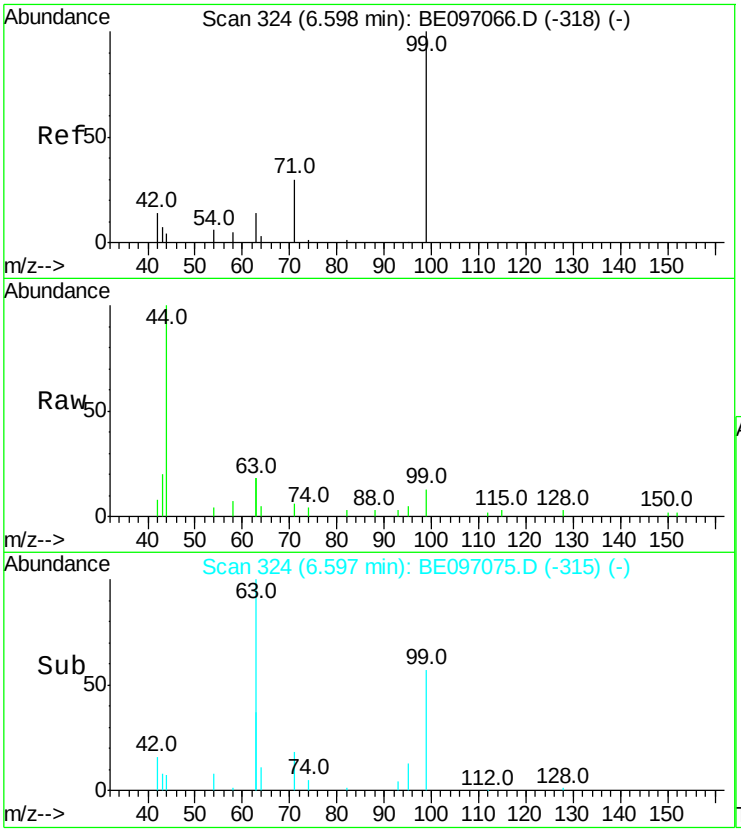


#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:112 Resp: 410

Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.1	90.1
63	143.7	116.8	175.2



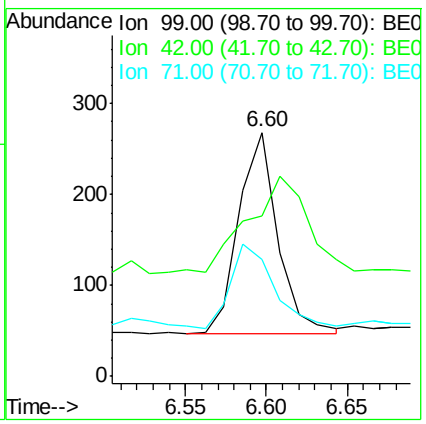


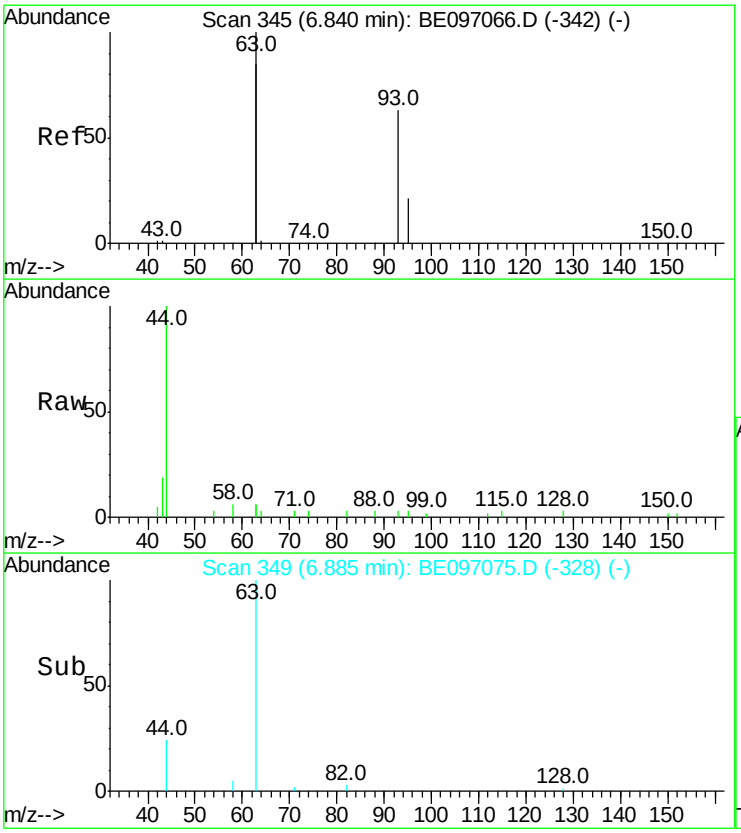
#5
Phenol-d6
Concen: 0.079 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 368

Ion	Ratio	Lower	Upper
99	100		
42	72.0	20.2	30.2#
71	0.0	28.4	42.6#

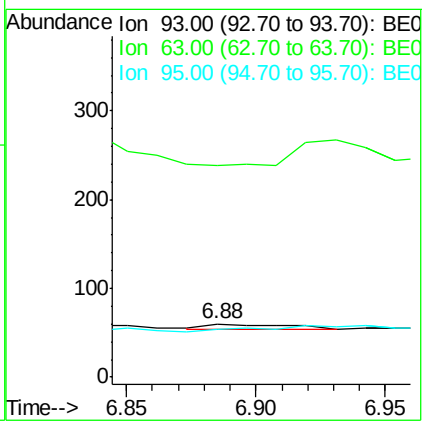


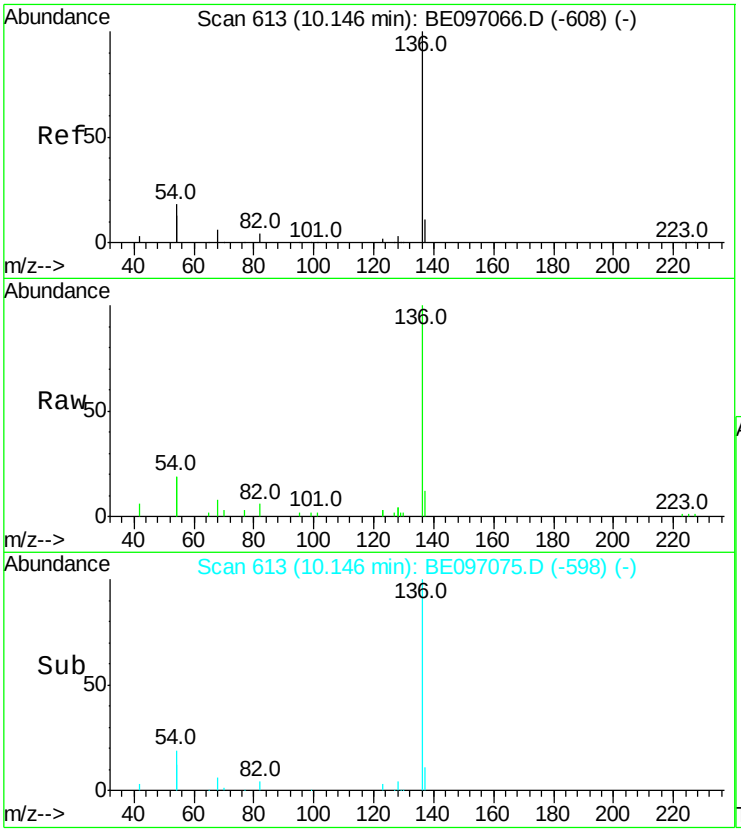


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 6.88 min Scan# 349
Delta R.T. 0.04 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion: 93 Resp: 12

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



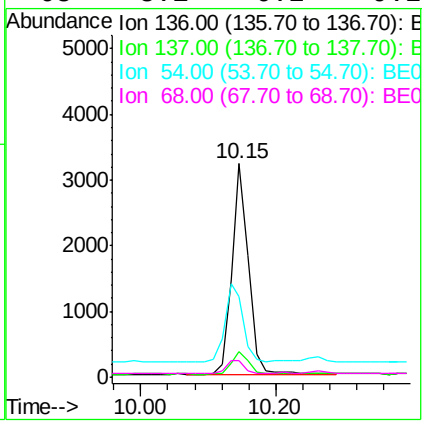


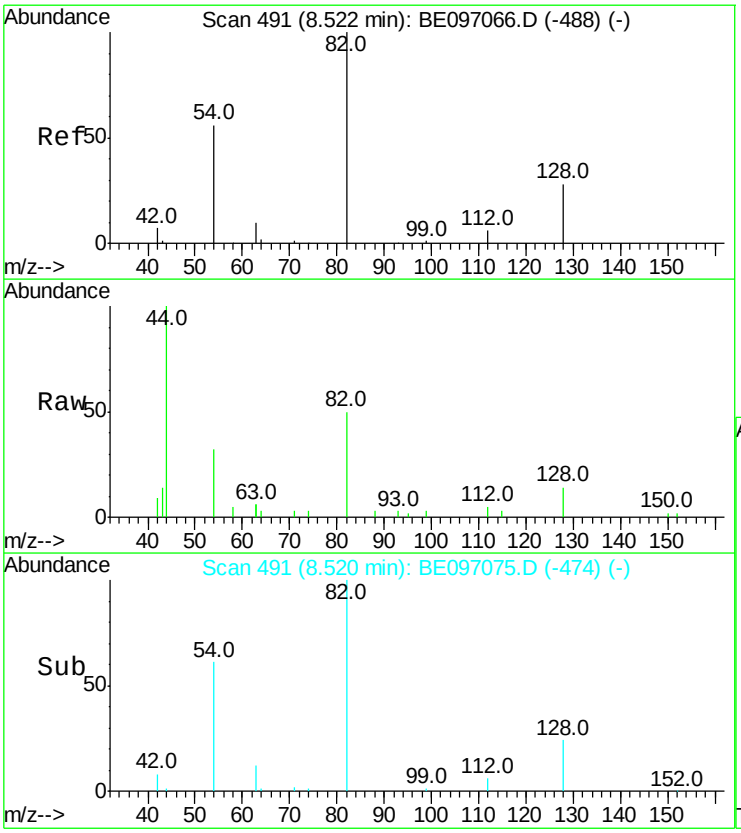
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5521

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	38.0	29.1	43.7
68	8.1	6.2	9.2

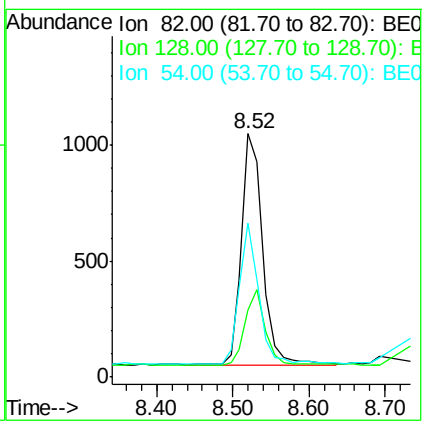


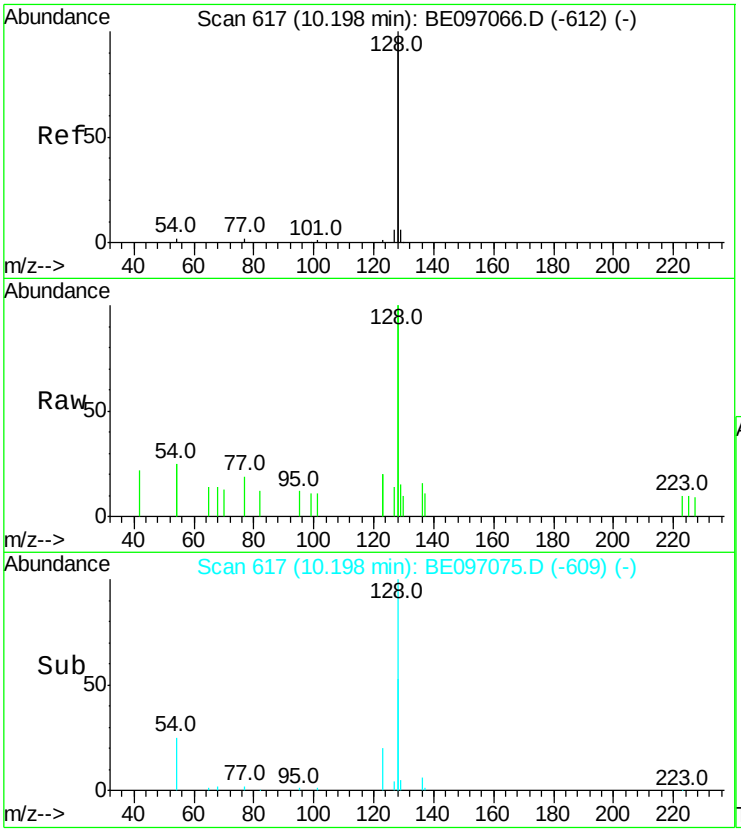


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion: 82 Resp: 1921

Ion	Ratio	Lower	Upper
82	100		
128	27.7	24.0	36.0
54	63.4	40.0	60.0#



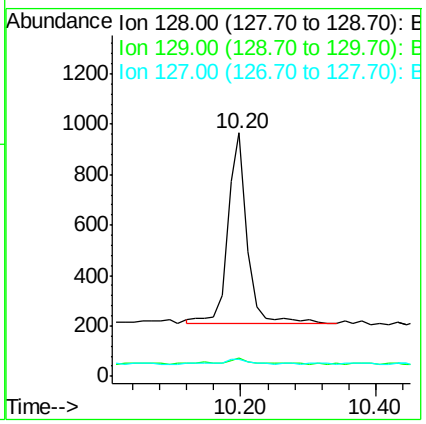


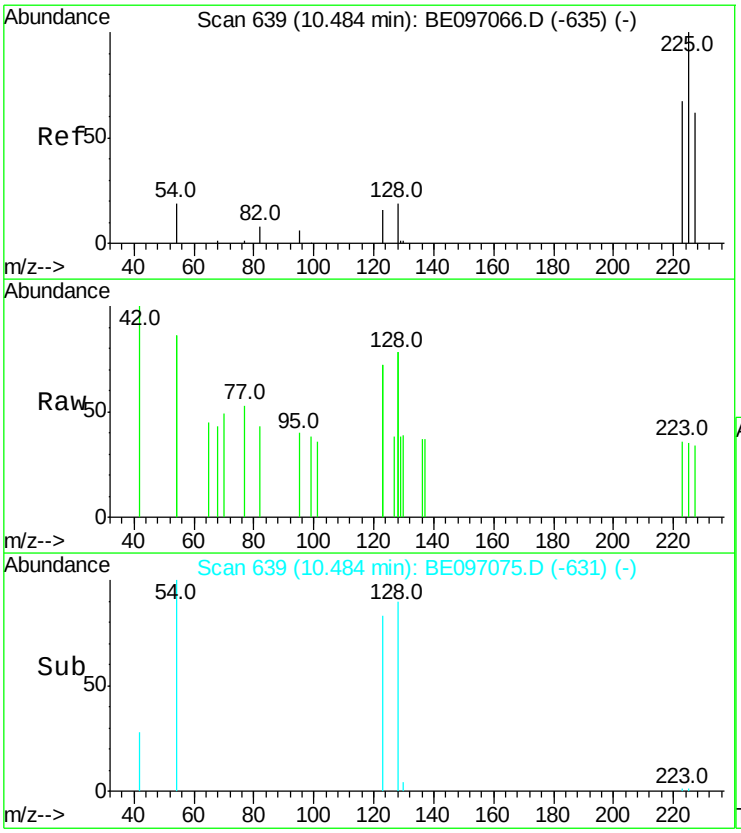
#9
Naphthalene
Concen: 0.031 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1535

Ion	Ratio	Lower	Upper
128	100		
129	7.3	2.6	3.8#
127	7.0	2.8	4.2#

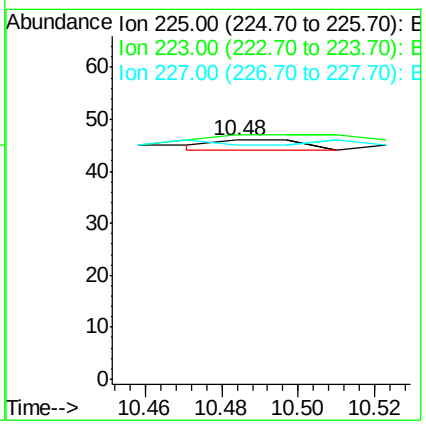


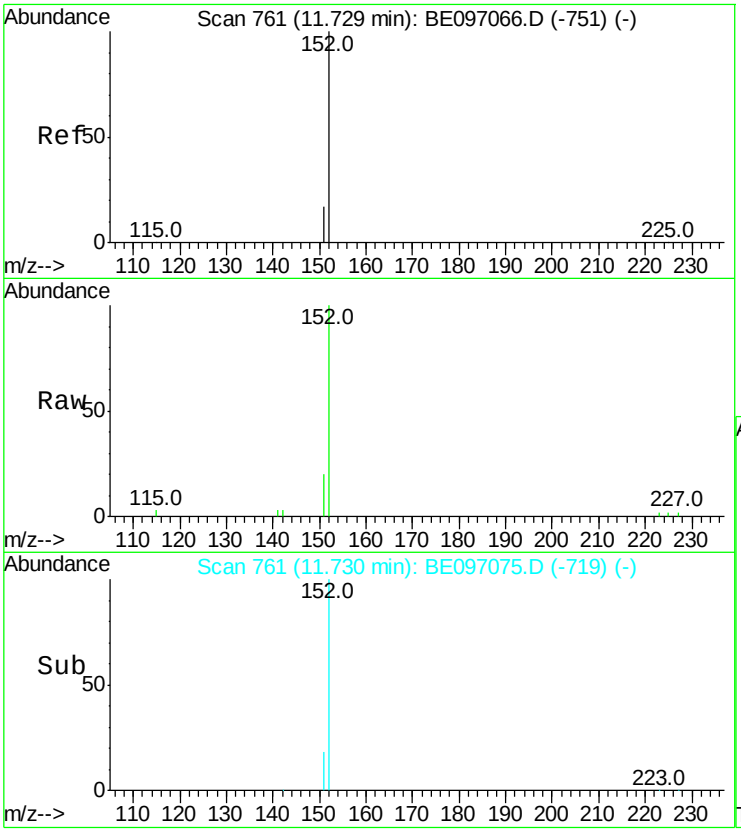


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	200.0	53.0	79.6#
227	33.3	51.4	77.2#



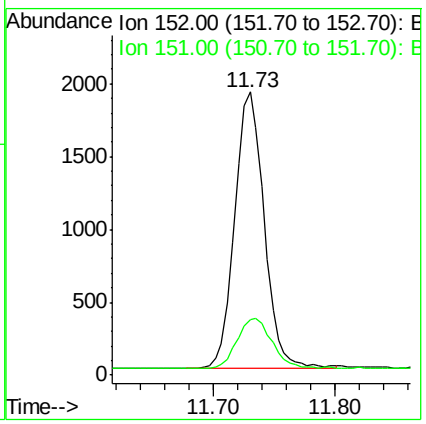


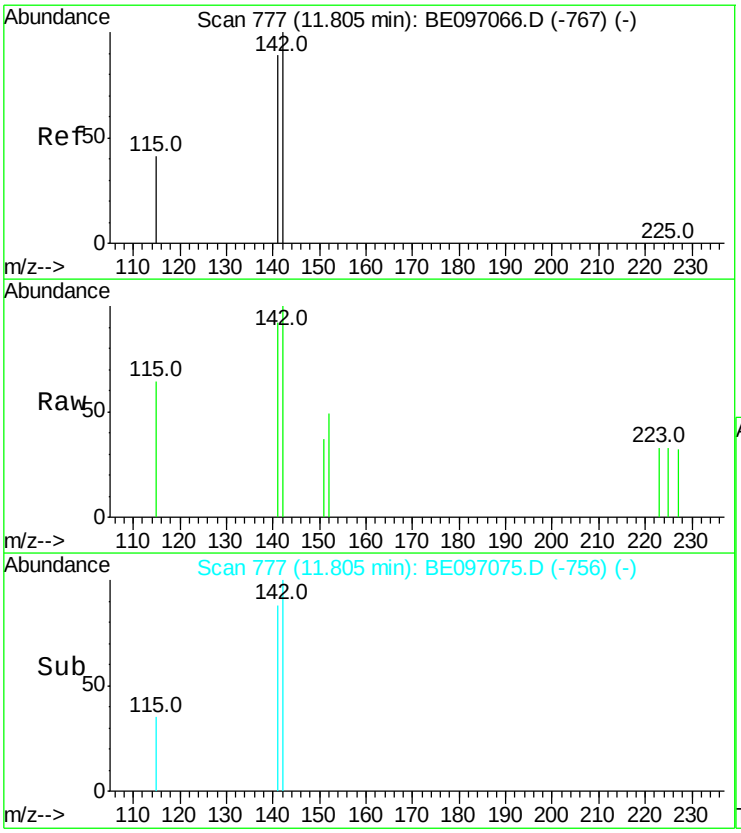
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3185

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.4	23.0

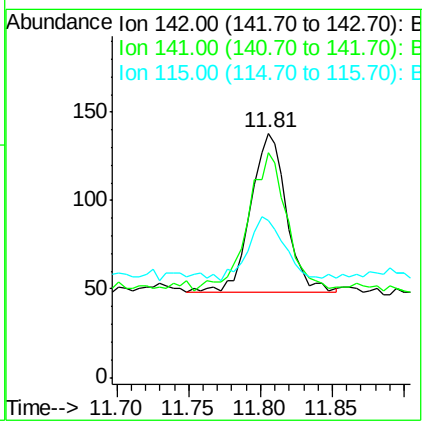


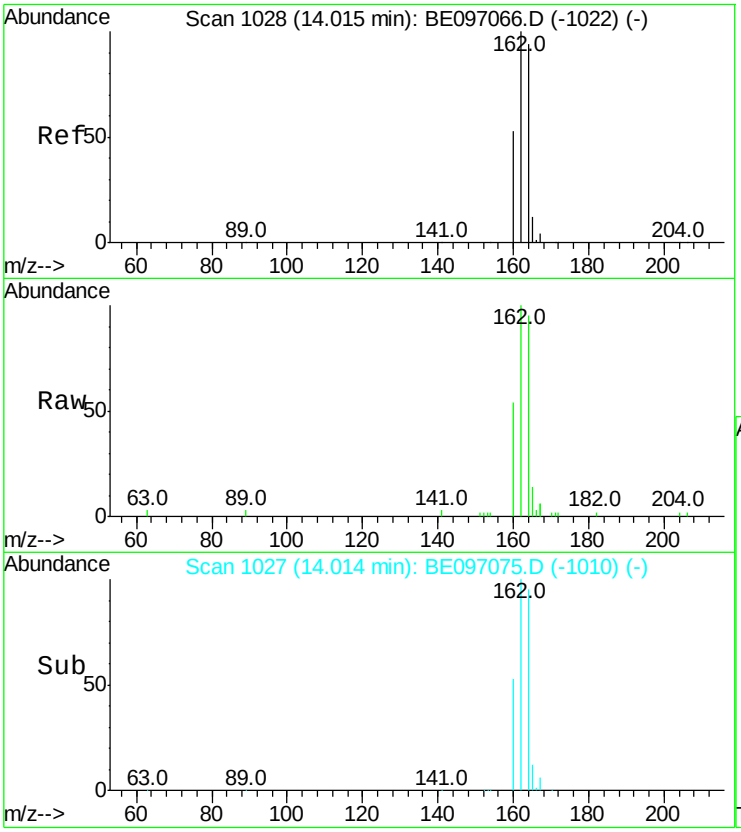


#12
2-Methylnaphthalene
Concen: 0.018 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:142 Resp: 157

Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.4	105.6
115	64.5	31.7	47.5#



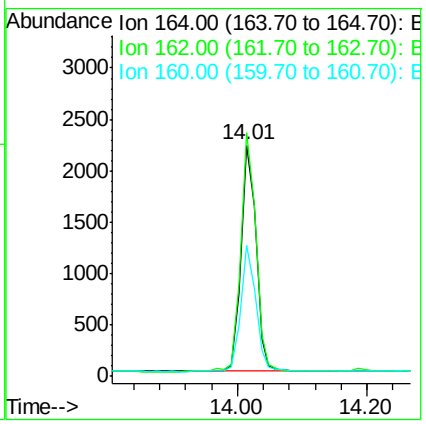


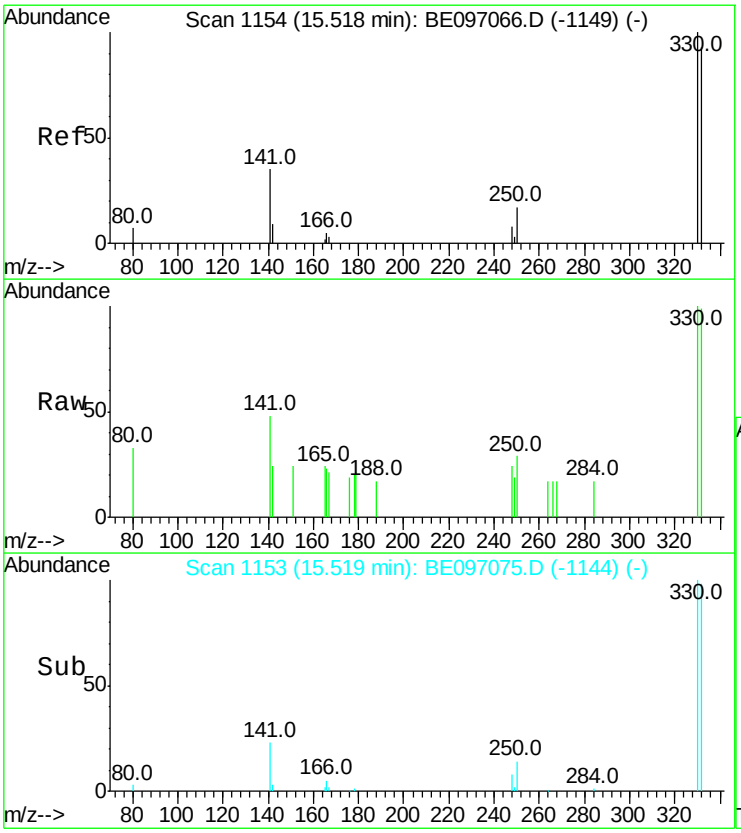
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3512

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.1	124.7
160	56.7	37.1	55.7#

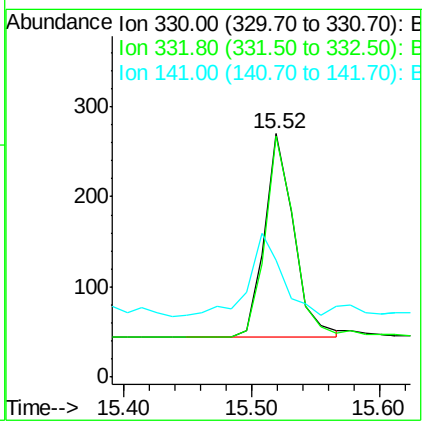


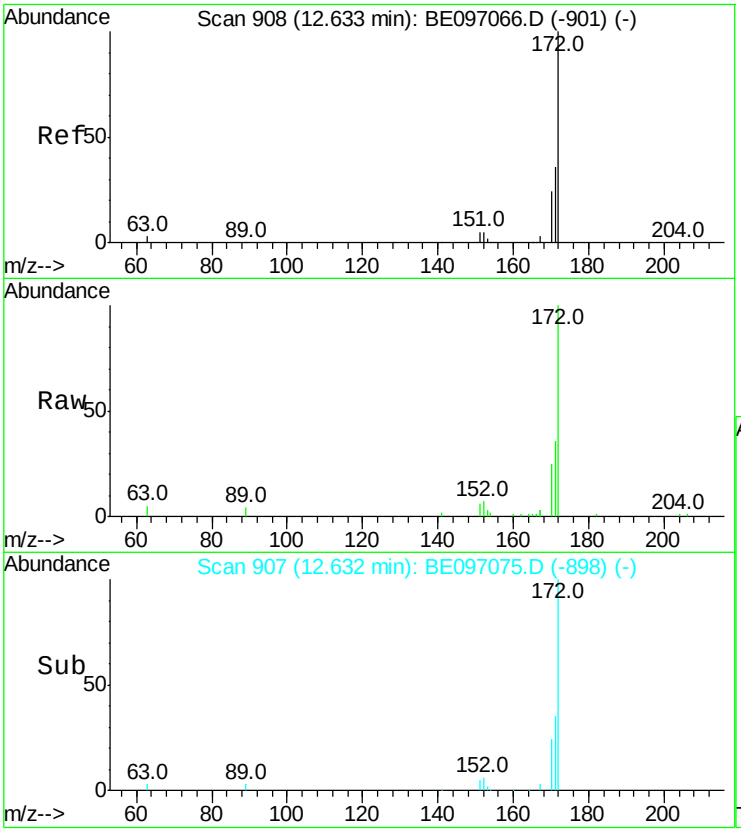


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:330 Resp: 364

Ion	Ratio	Lower	Upper
330	100		
332	97.0	152.7	229.1#
141	47.0	33.7	50.5



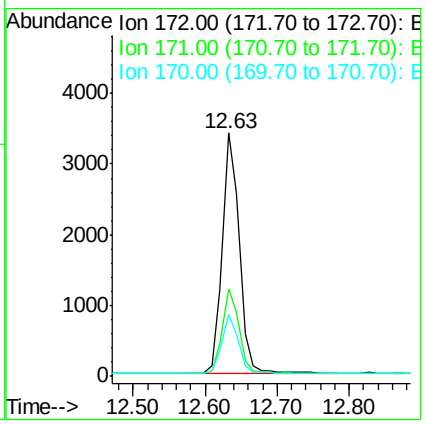


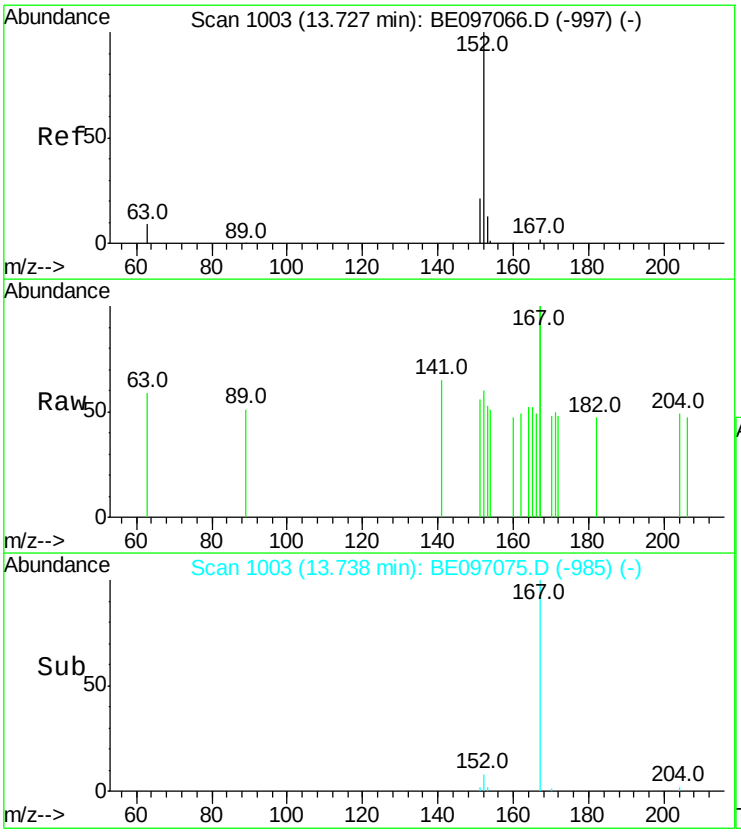
#15
2-Fluorobiphenyl
Concen: 0.455 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5525

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	25.3	21.8	32.8

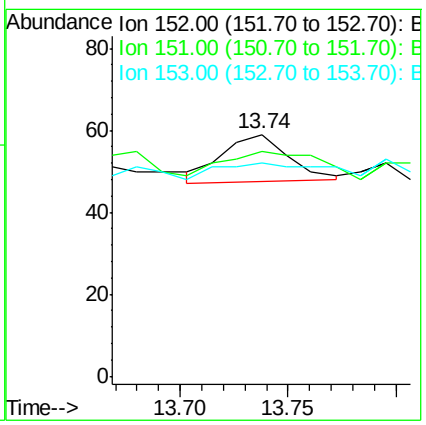


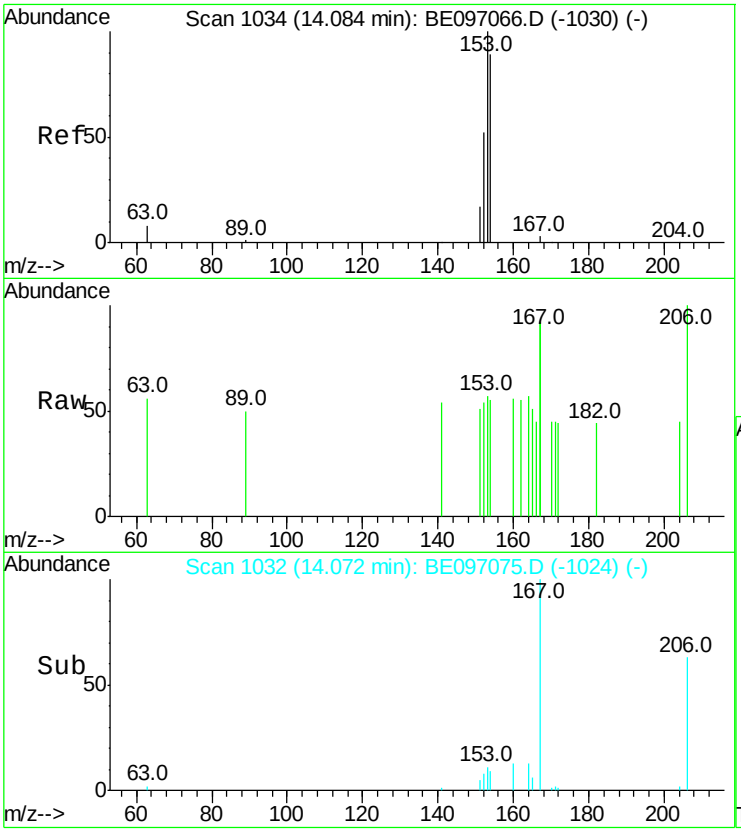


#16
Acenaphthylene
Concen: 0.002 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:152 Resp: 25

Ion	Ratio	Lower	Upper
152	100		
151	84.0	15.7	23.5#
153	56.0	10.5	15.7#



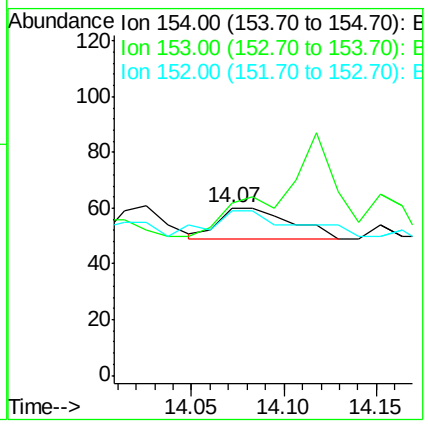


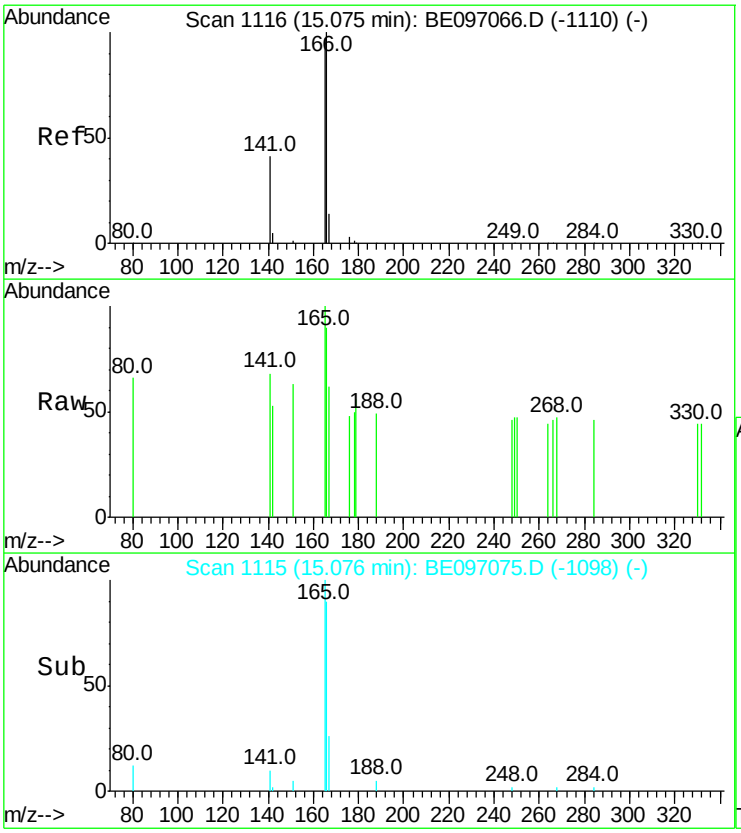
#17
Acenaphthene
Concen: 0.003 ng
RT: 14.07 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 30

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	93.3	42.0	63.0#

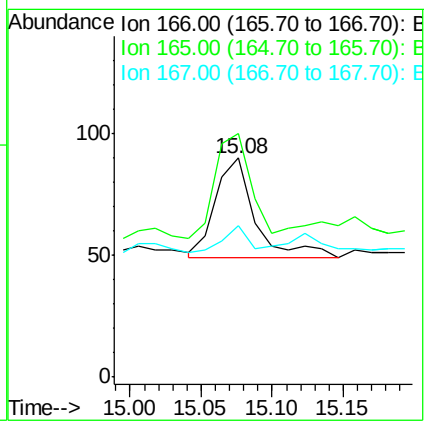


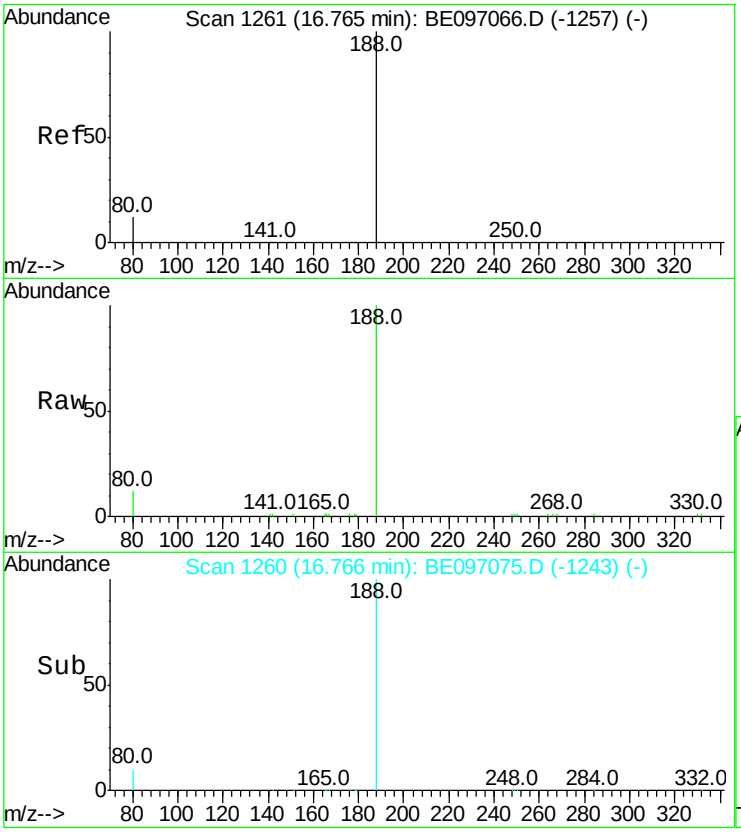


#18
Fluorene
Concen: 0.007 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:166 Resp: 80

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	18.8	42.4	63.6#



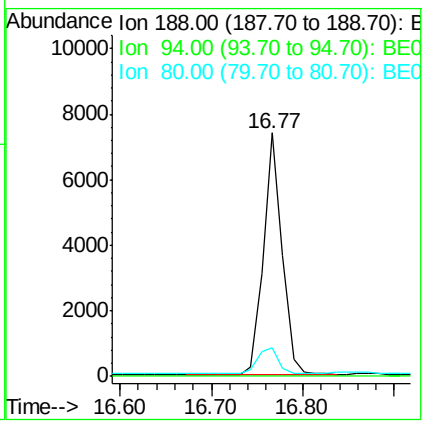


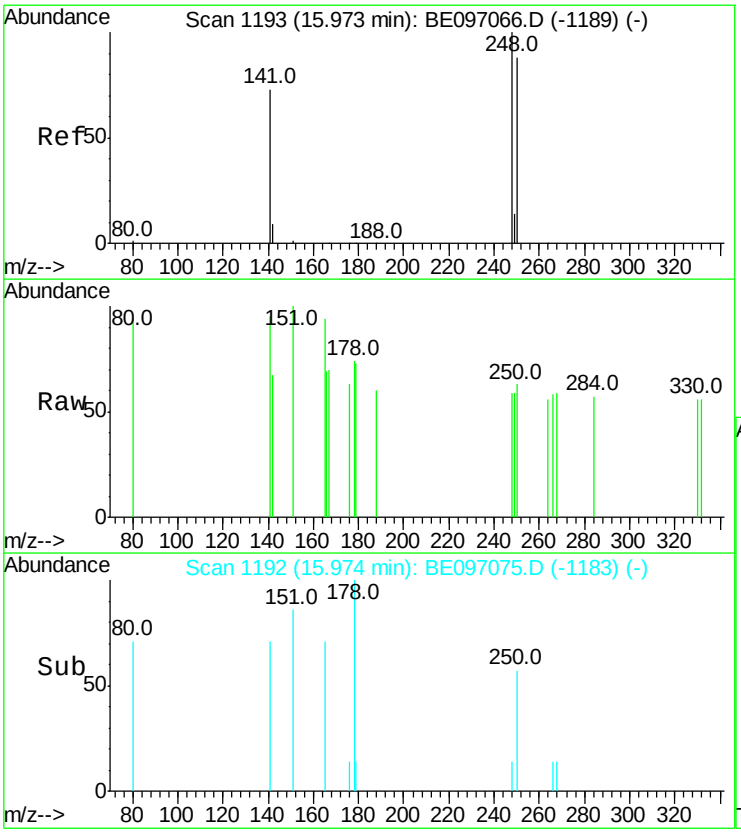
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10496

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.5	3.6	5.4#

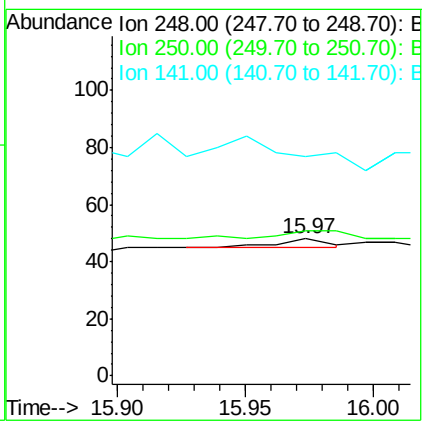


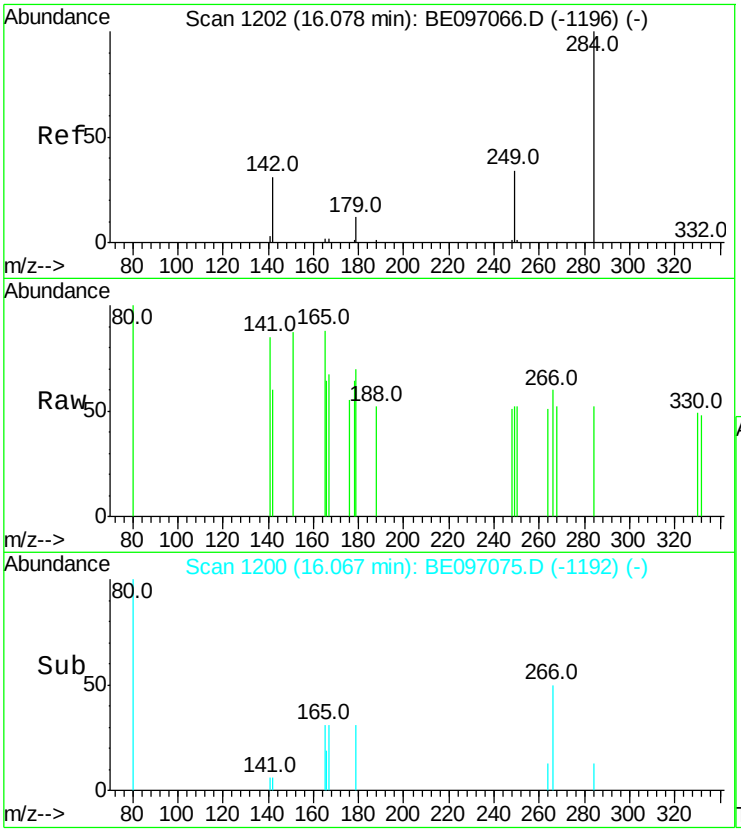


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	106.3	62.7	94.1#
141	160.4	48.2	72.2#



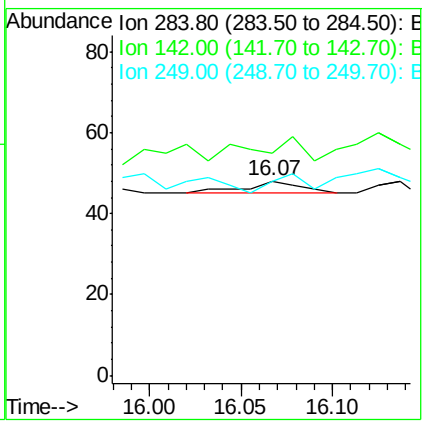


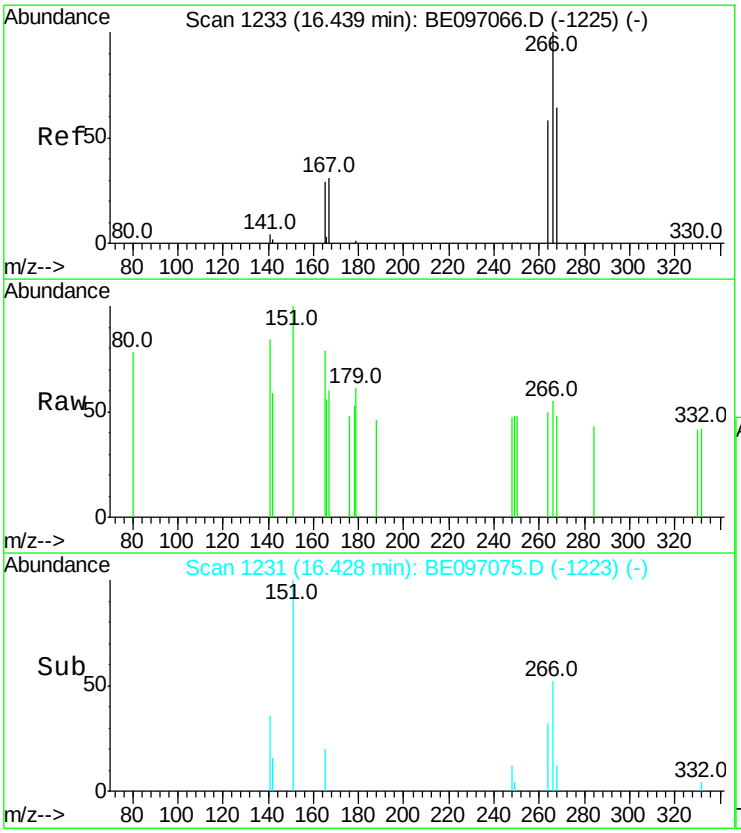
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	100.0	34.8	52.2#

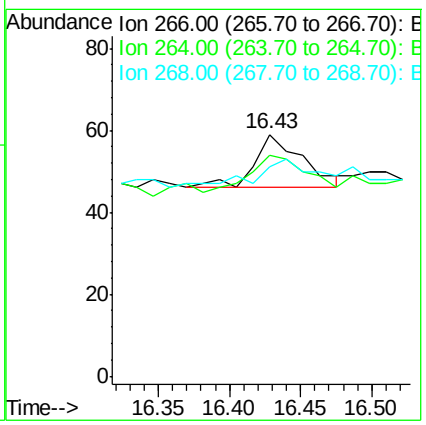


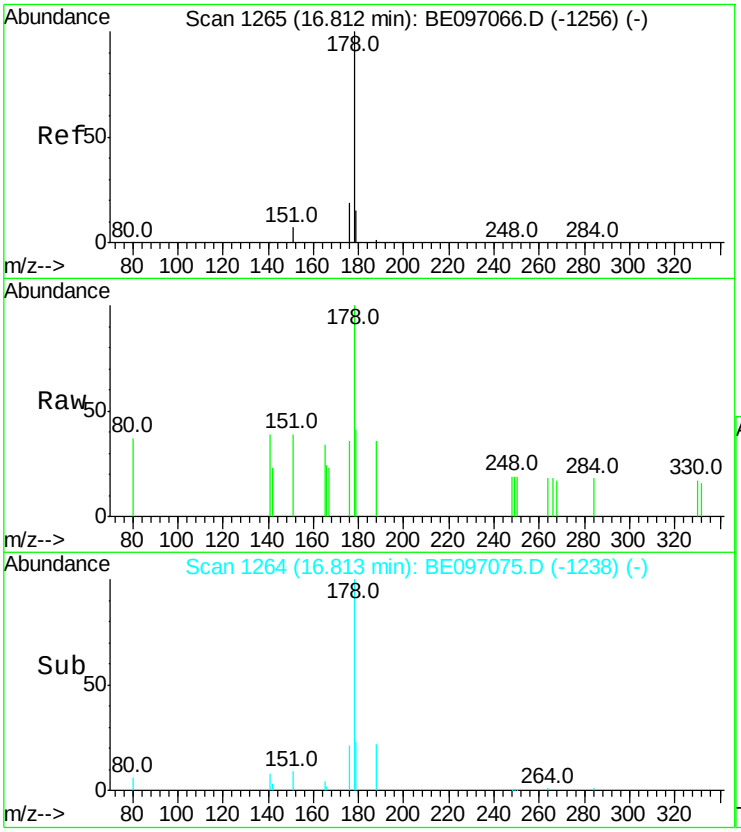


#22
Pentachlorophenol
Concen: 0.059 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	91.5	72.5	108.7
268	86.4	73.8	110.6



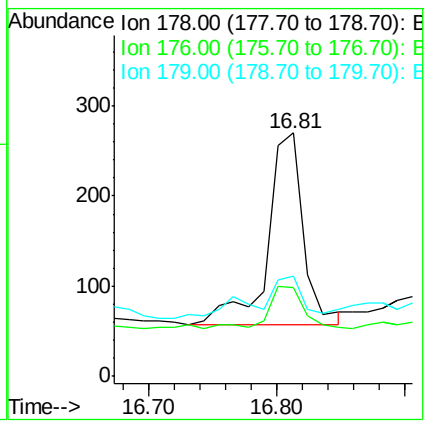


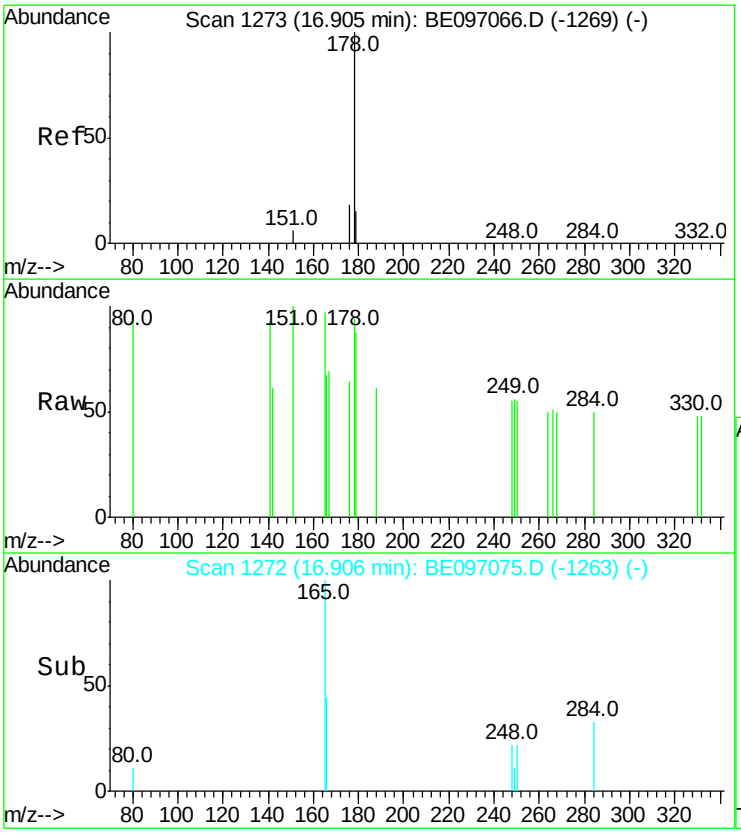
#23
Phenanthrene
Concen: 0.017 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 413

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.1	22.7
179	28.3	11.8	17.6#

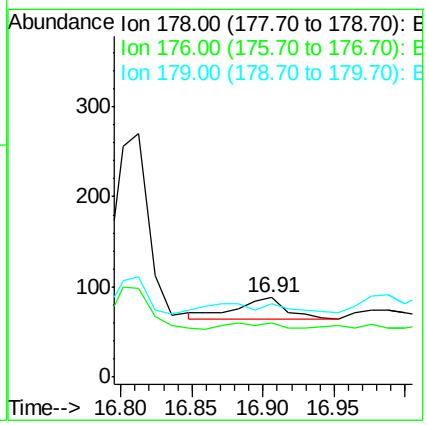


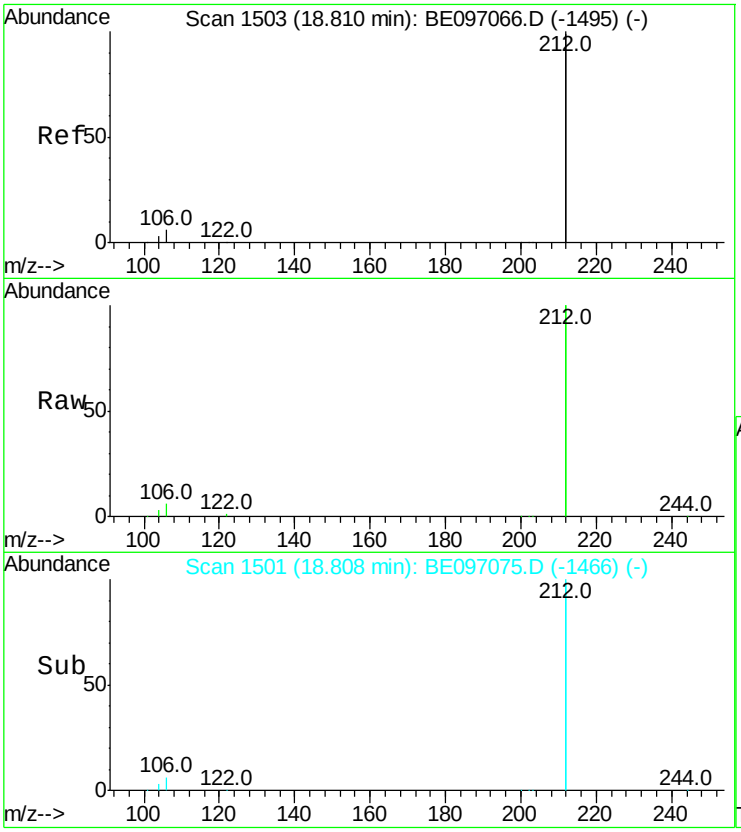


#24
Anthracene
Concen: 0.002 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:178 Resp: 55

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	0.0	13.0	19.6#



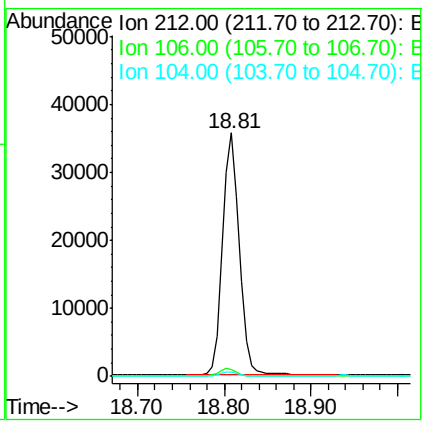


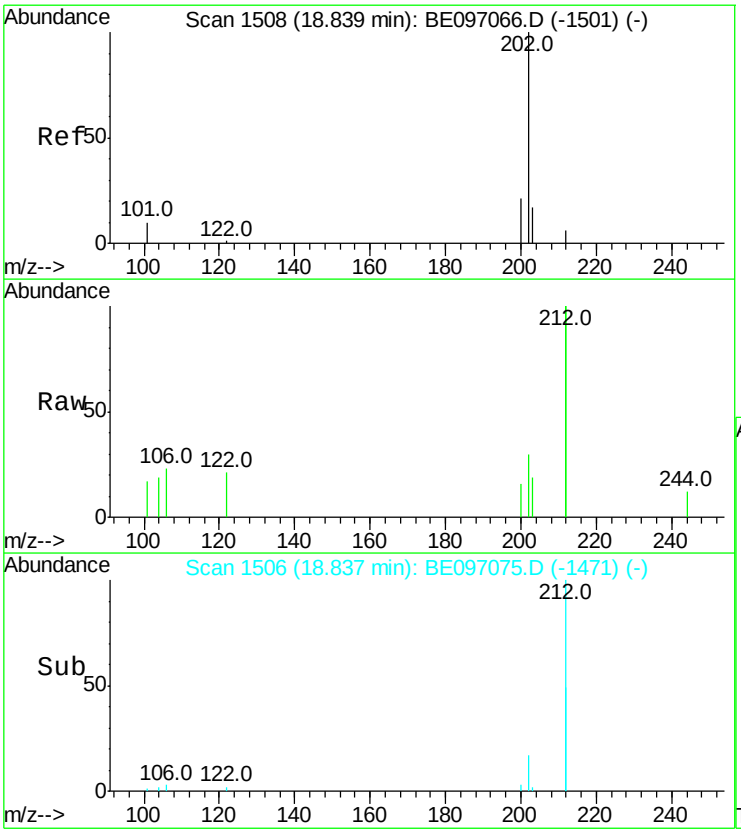
#25
Fluoranthene-d10
Concen: 0.453 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 47588

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

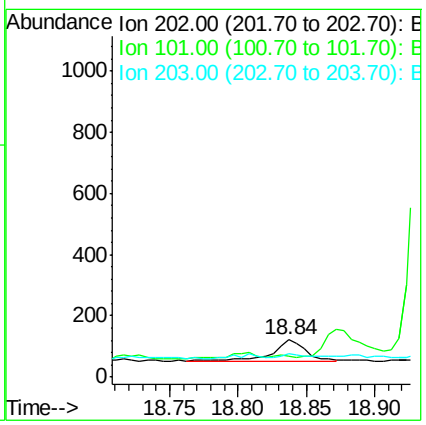


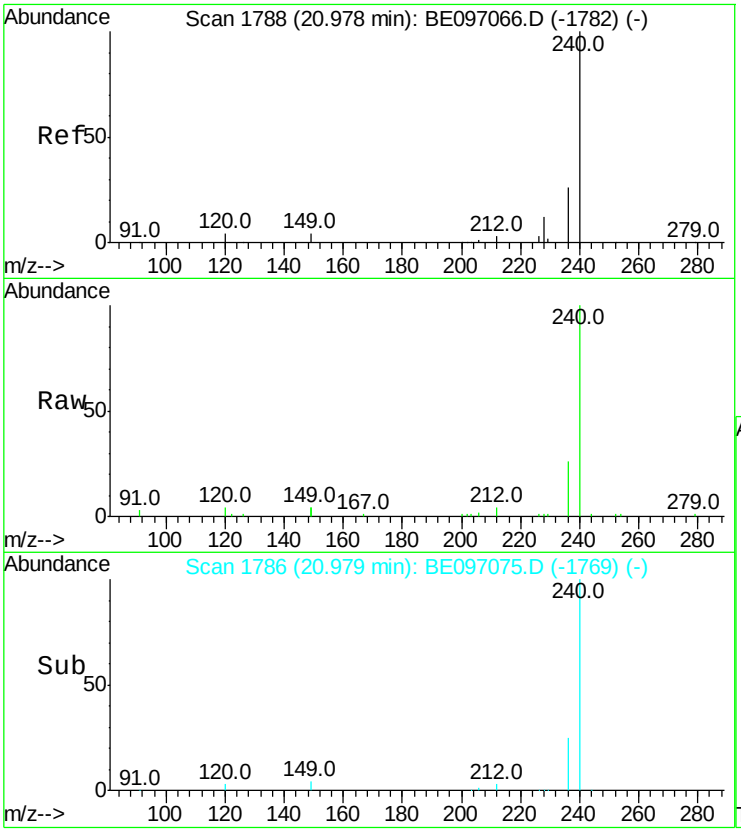


#26
Fluoranthene
Concen: 0.004 ng
RT: 18.84 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:202 Resp: 120

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	19.2	13.7	20.5



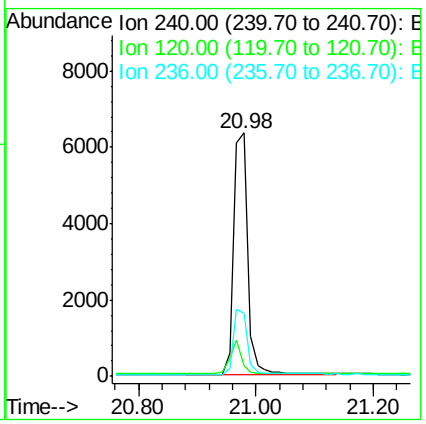


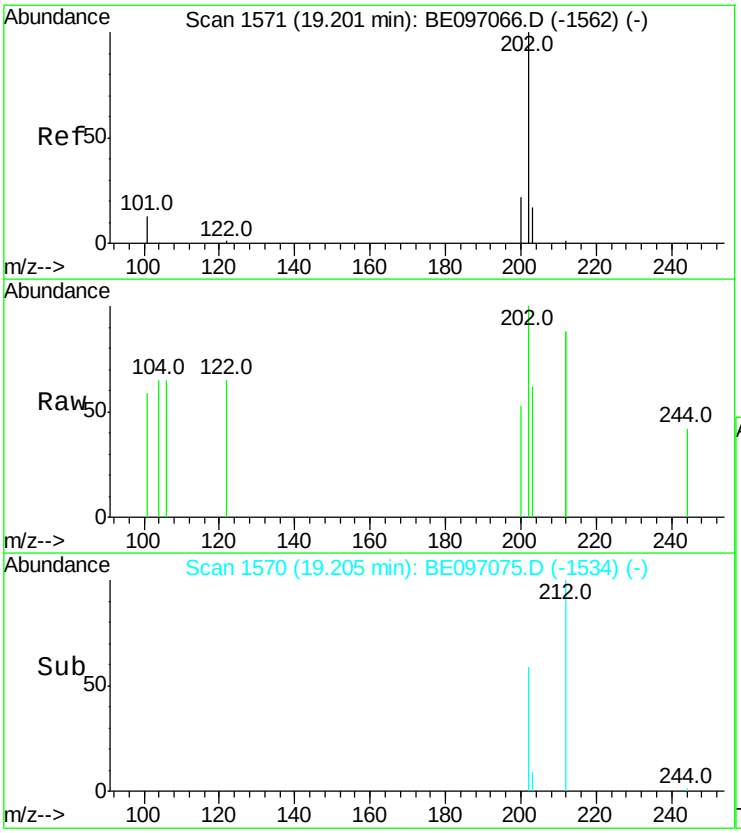
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10666

Ion	Ratio	Lower	Upper
240	100		
120	4.3	5.5	8.3#
236	26.0	20.7	31.1

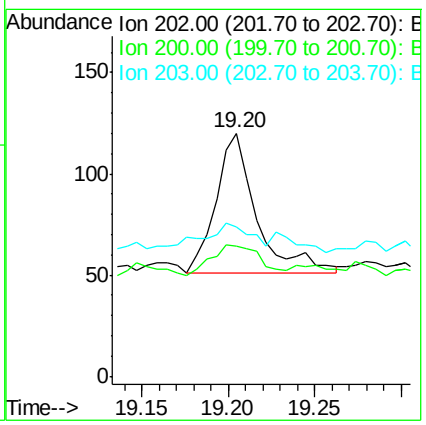


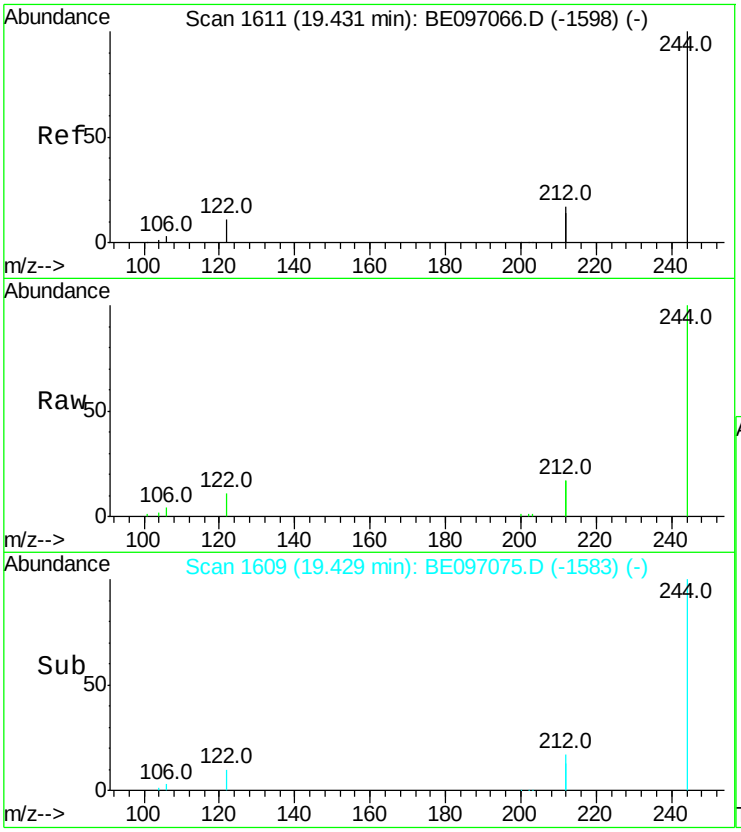


#28
Pyrene
Concen: 0.004 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:202 Resp: 113

Ion	Ratio	Lower	Upper
202	100		
200	25.7	16.6	25.0#
203	27.4	13.8	20.8#



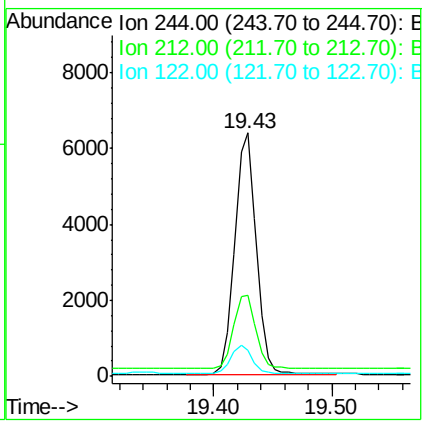


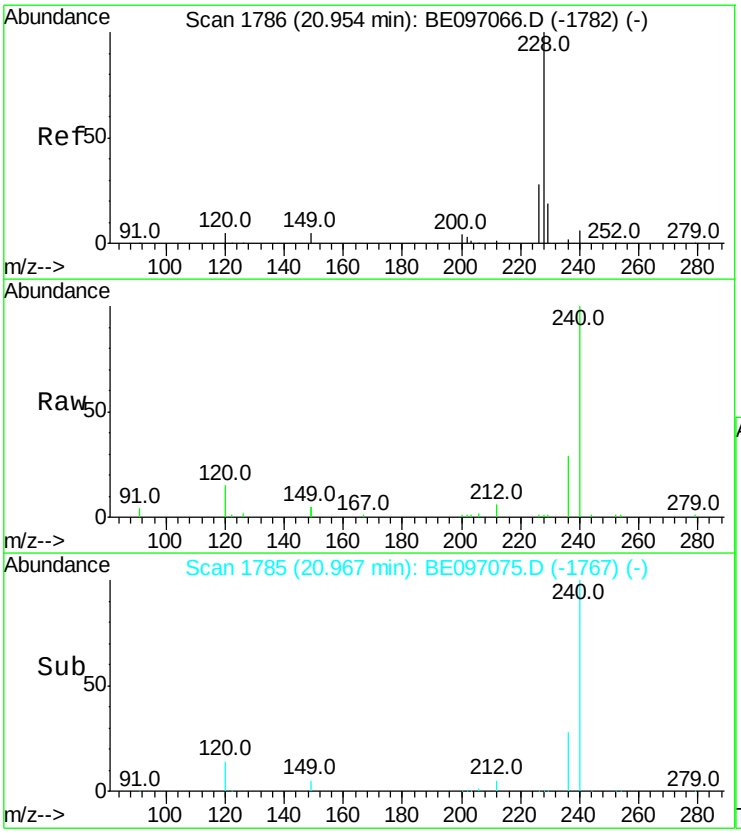
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8031

Ion	Ratio	Lower	Upper
244	100		
212	33.3	25.4	38.0
122	10.8	8.1	12.1

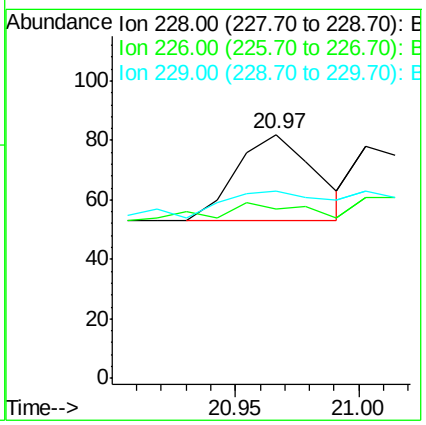


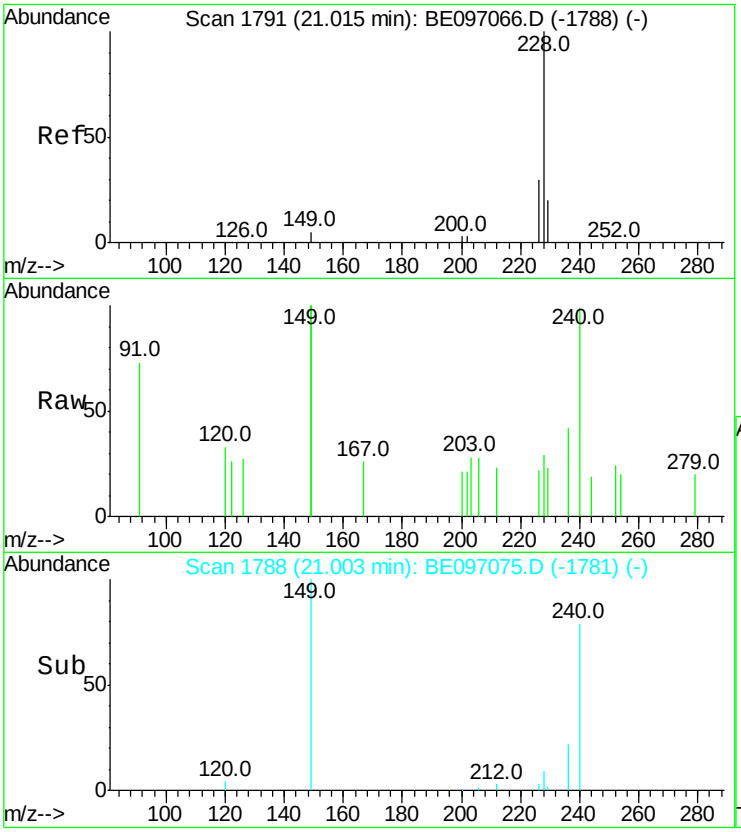


#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:228 Resp: 65

Ion	Ratio	Lower	Upper
228	100		
226	69.5	24.0	36.0#
229	76.8	16.0	24.0#



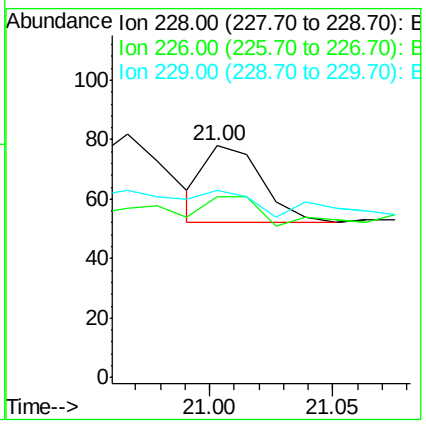


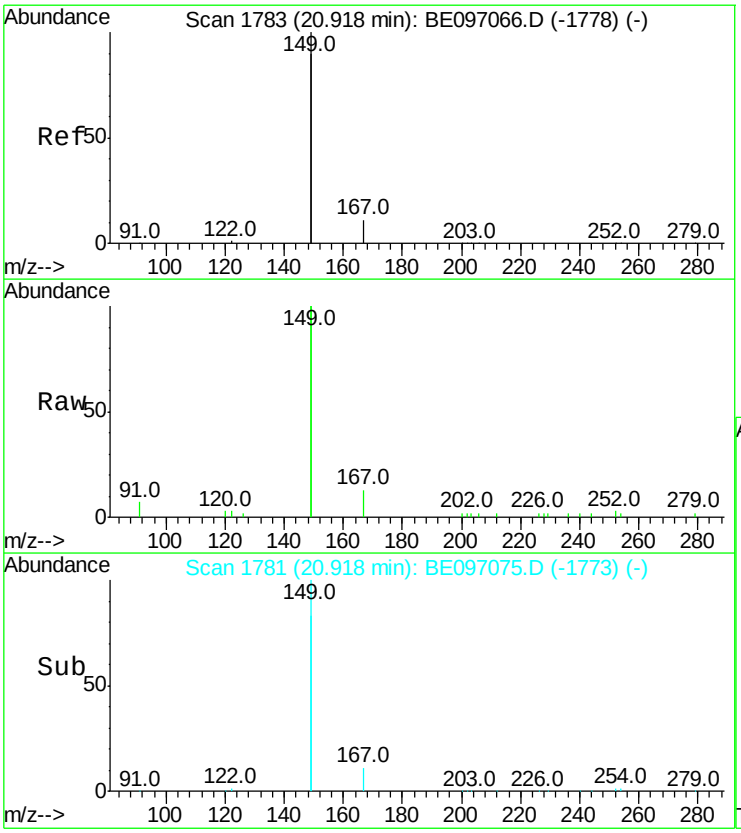
#31
Chrysene
Concen: 0.001 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 42

Ion	Ratio	Lower	Upper
228	100		
226	78.2	24.0	36.0#
229	80.8	16.0	24.0#

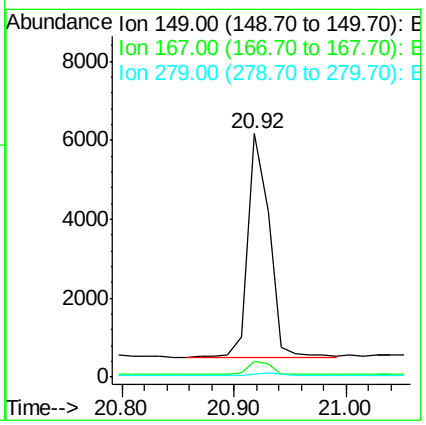


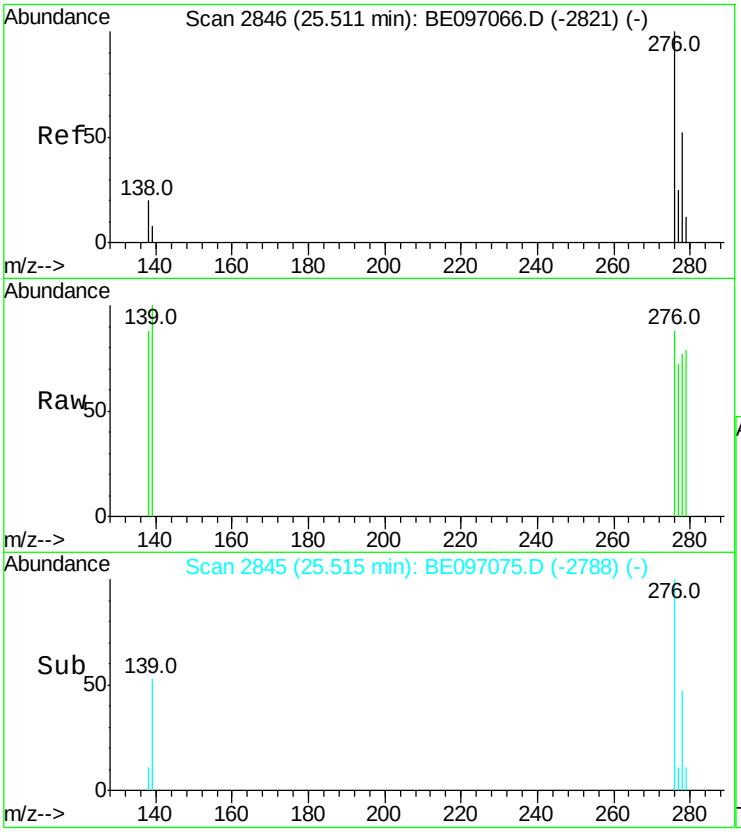


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.275 ng
RT: 20.92 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:149 Resp: 7643

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.0	0.7	1.1



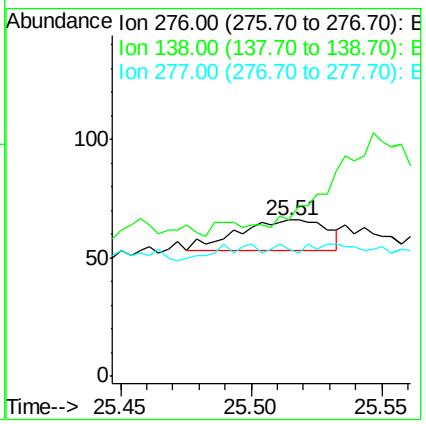


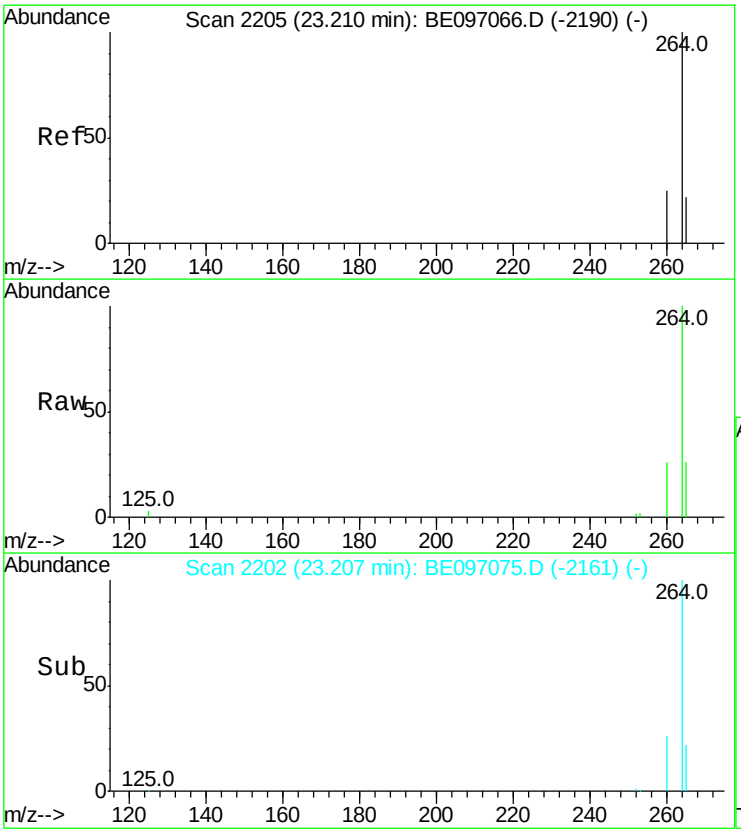
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.51 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 31

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	6.5	19.9	29.9#

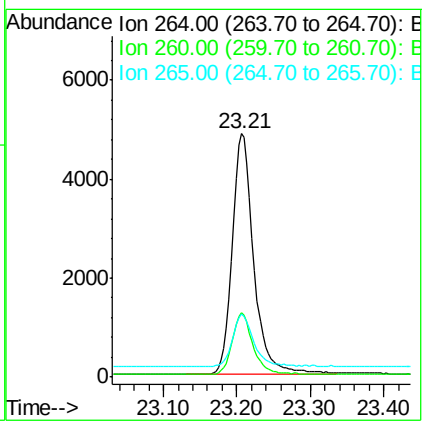


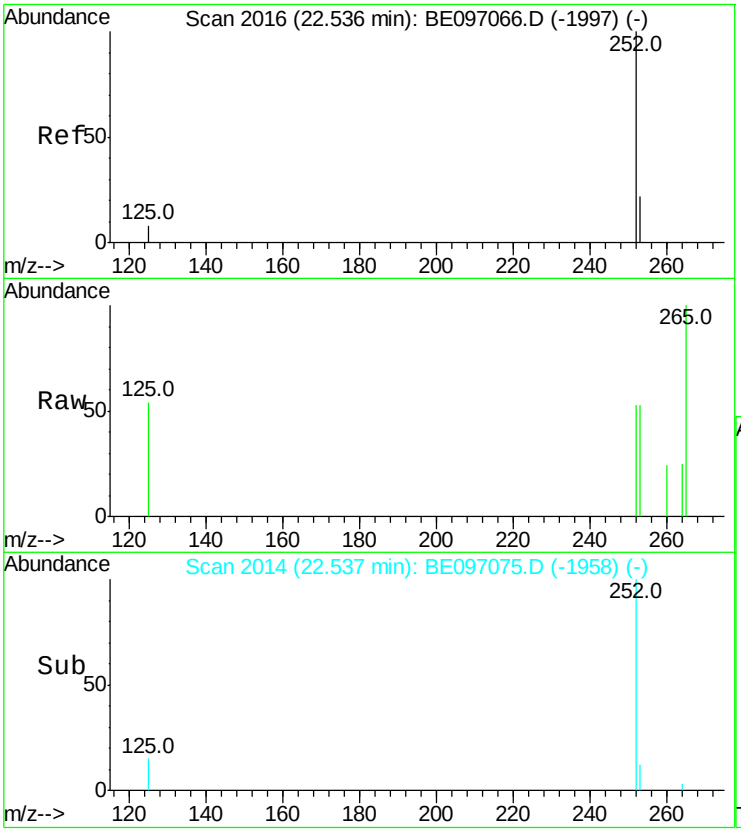


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:264 Resp: 10046

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	25.9	22.8	34.2



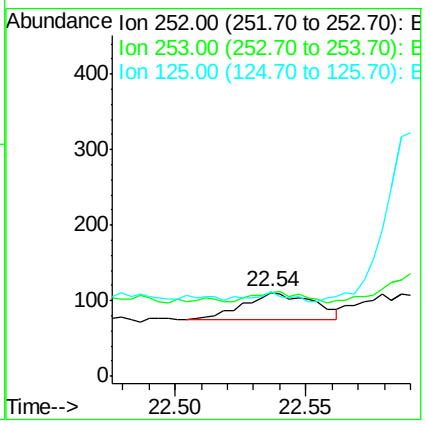


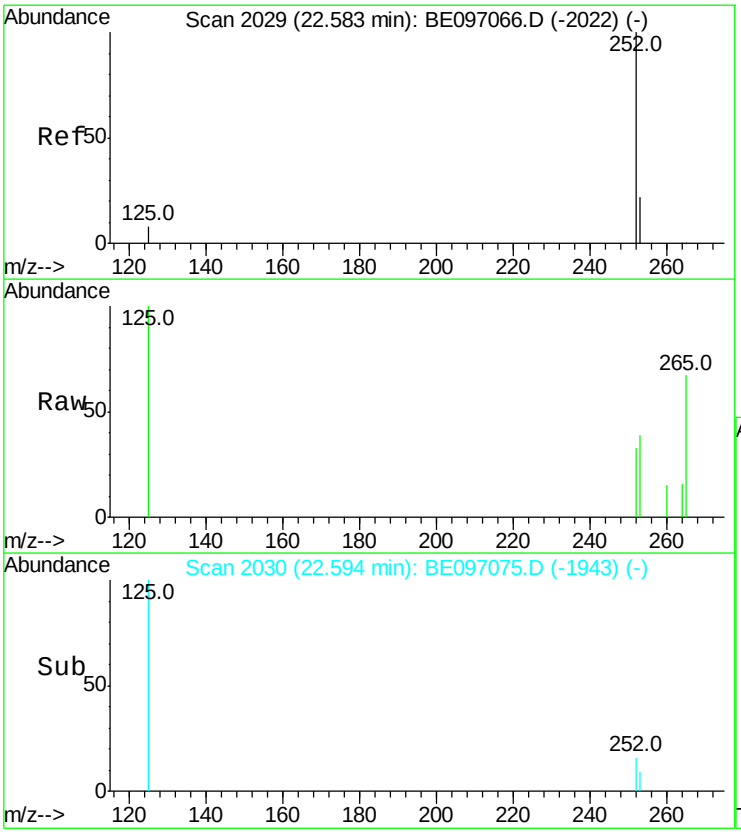
#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.54 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 70

Ion	Ratio	Lower	Upper
252	100		
253	99.1	20.0	30.0#
125	100.9	16.0	24.0#

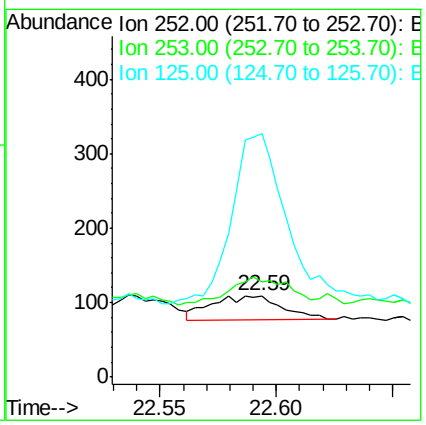


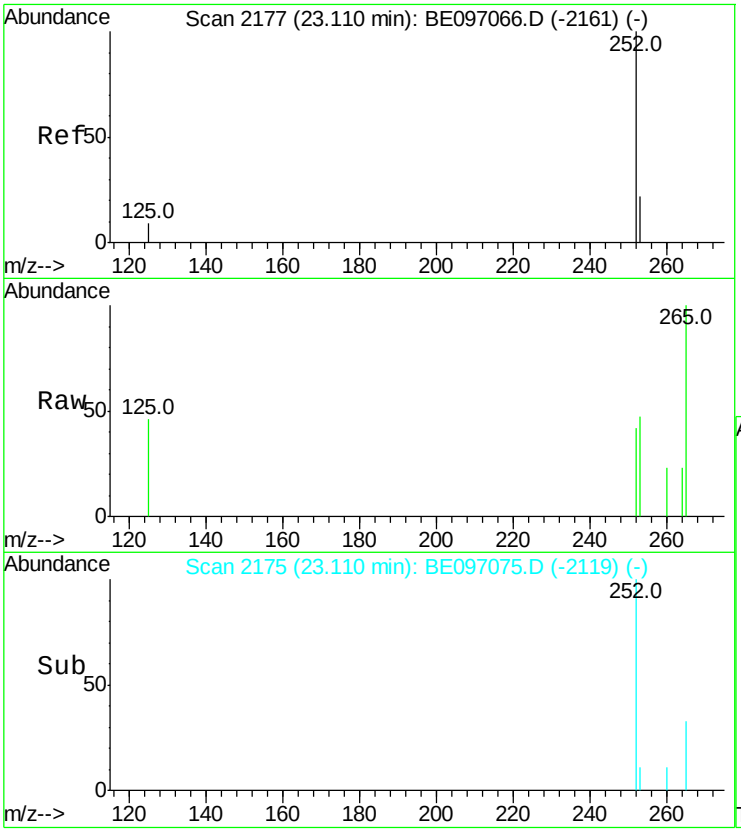


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:252 Resp: 69

Ion	Ratio	Lower	Upper
252	100		
253	117.4	16.0	24.0#
125	300.0	8.0	12.0#



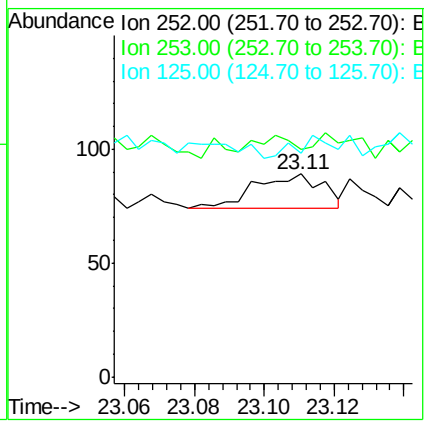


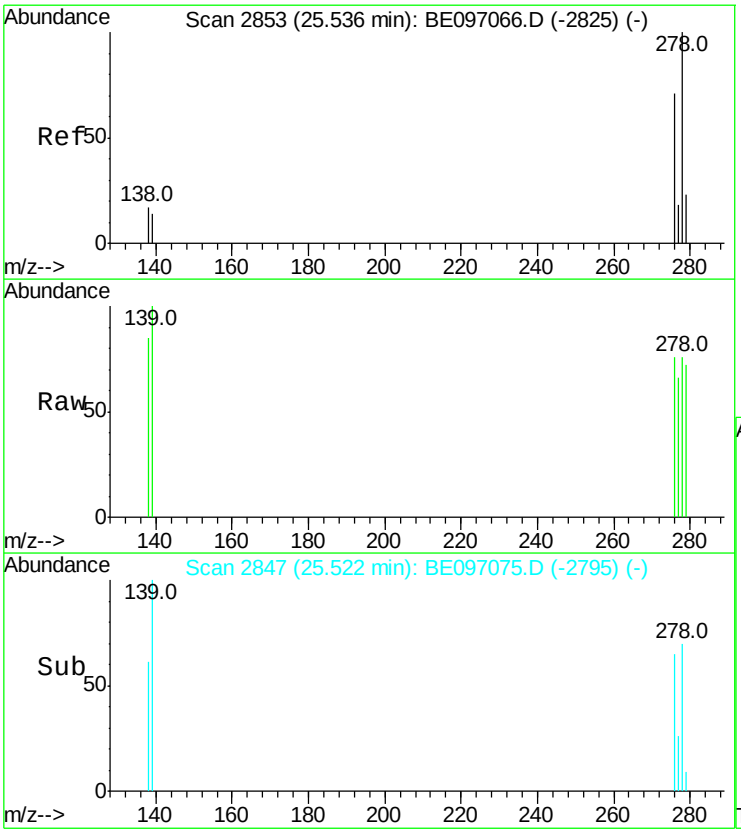
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.11 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21

Ion	Ratio	Lower	Upper
252	100		
253	112.4	16.0	24.0#
125	110.1	12.0	18.0#

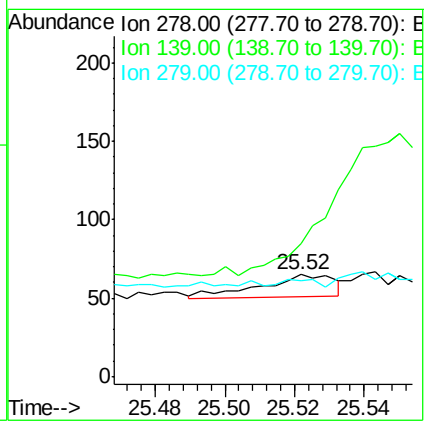


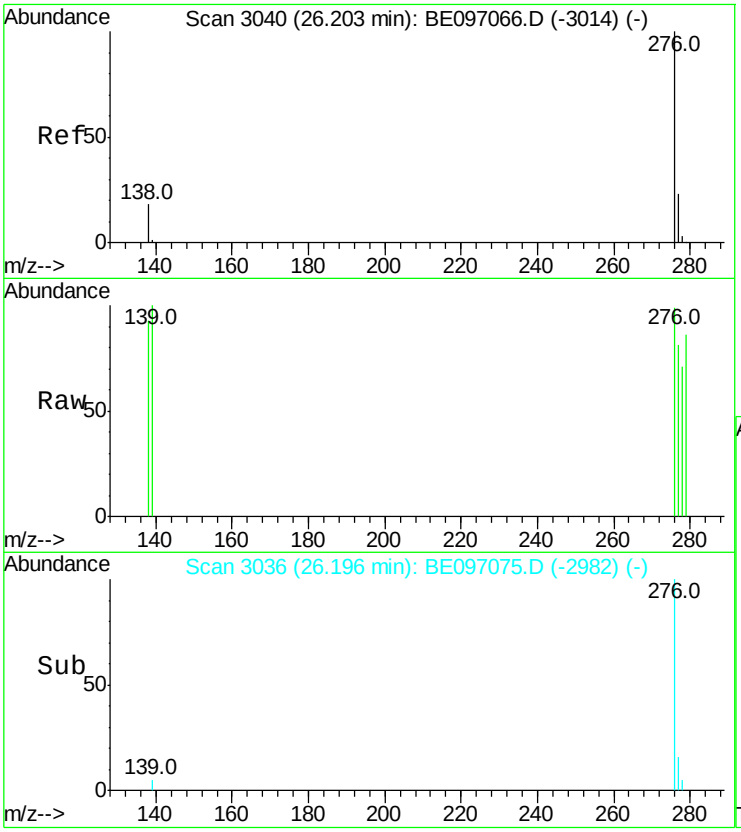


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.52 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Tgt Ion:278 Resp: 21

Ion	Ratio	Lower	Upper
278	100		
139	130.8	16.0	24.0#
279	93.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.20 min Scan# 3036
Delta R.T. -0.01 min
Lab File: BE097075.D
Acq: 24 Jul 2018 17:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28

Ion	Ratio	Lower	Upper
276	100		
277	82.4	16.0	24.0#
138	94.1	20.0	30.0#