Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097552.D
Acq On : 19 Sep 2018 22:29
Operator : SJ/JU
Sample : J4958-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 20 05:10:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	714	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3089	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1605	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	4612	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7832	0.40	ng	0.00
34) Perylene-d12	23.21	264	8553	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	348	0.16	ng	0.01
5) Phenol-d6	6.64	99	99	0.04	ng	0.05
8) Nitrobenzene-d5	8.54	82	900	0.38	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	1709	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	218	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	2971	0.52	ng	0.00
25) Fluoranthene-d10	18.80	212	27522	0.47	ng	0.00
29) Terphenyl-d14	19.41	244	6486	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	94	0.040	ng	# 20
3) n-Nitrosodimethylamine	3.39	42	9	0.025	ng	# 1
6) bis(2-Chloroethyl)ether	6.83	93	10	0.004	ng	# 1
9) Naphthalene	10.18	128	193	0.007	ng	# 51
10) Hexachlorobutadiene	10.46	225	5	0.004	ng	# 68
12) 2-Methylnaphthalene	11.80	142	11	0.003	ng	# 59
16) Acenaphthylene	13.74	152	7	0.001	ng	# 1
17) Acenaphthene	14.06	154	5	0.001	ng	# 5
18) Fluorene	15.10	166	20	0.004	ng	# 71
20) 4-Bromophenyl-phenylether	15.96	248	3	0.001	ng	# 55
21) Hexachlorobenzene	16.09	284	10	0.004	ng	# 46
22) Pentachlorophenol	16.45	266	60	0.188	ng	98
23) Phenanthrene	16.81	178	54	0.005	ng	# 84
24) Anthracene	16.92	178	29	0.003	ng	# 80
26) Fluoranthene	18.84	202	34	0.002	ng	# 1
28) Pyrene	19.20	202	48	0.003	ng	# 86
30) Benzo(a)anthracene	20.97	228	47	0.002	ng	# 1
31) Chrysene	21.00	228	28	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	1135	0.045	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	2	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.55	252	66	0.003	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	26	0.001	ng	# 1
37) Benzo(a)pyrene	23.09	252	4	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.51	278	3	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.20	276	1	0.000	ng	# 1

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

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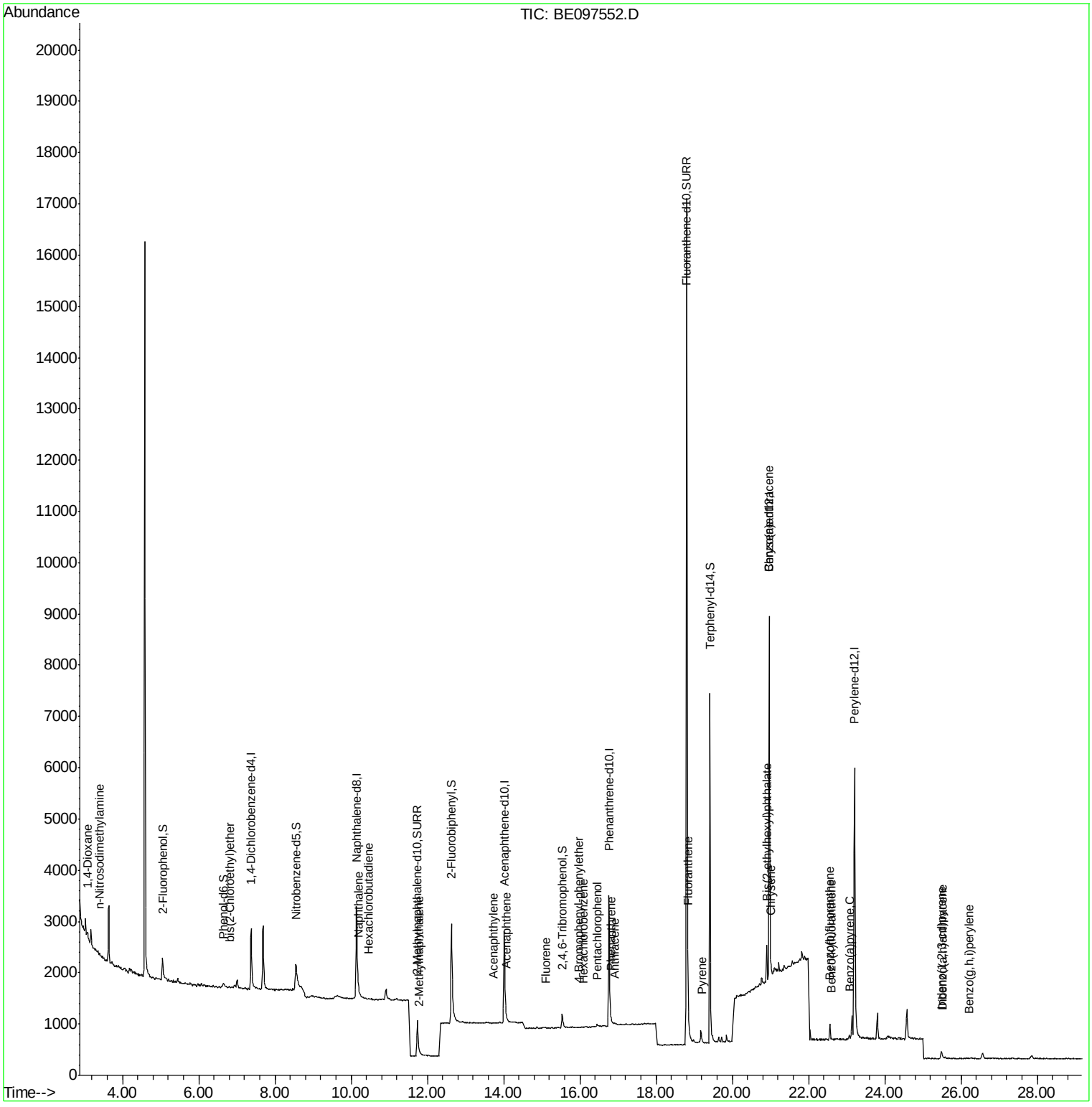
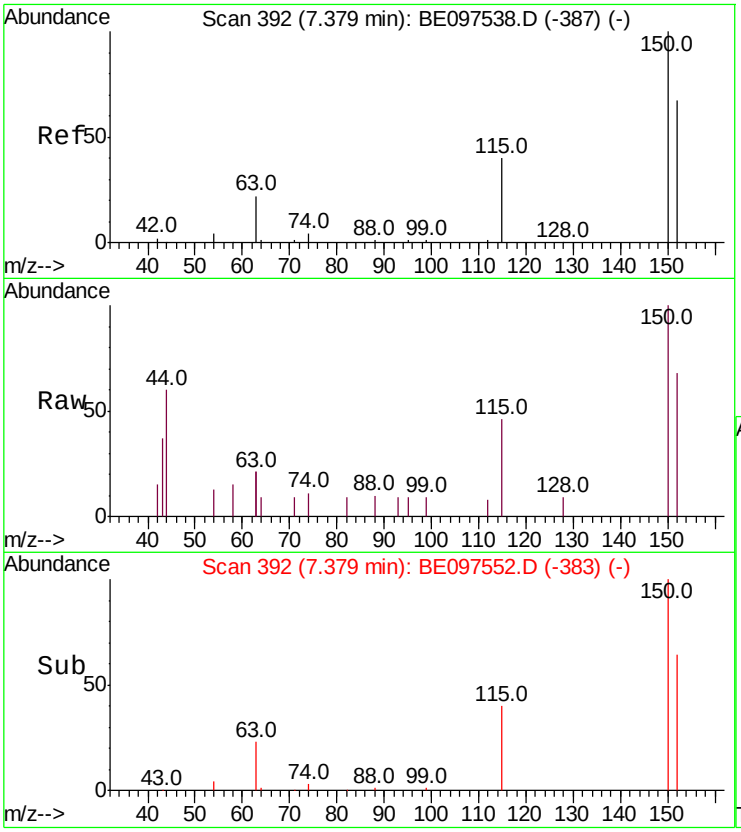
Data File : BE097552.D
Acq On : 19 Sep 2018 22:29
Operator : SJ/JU
Sample : J4958-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 20 05:10:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration



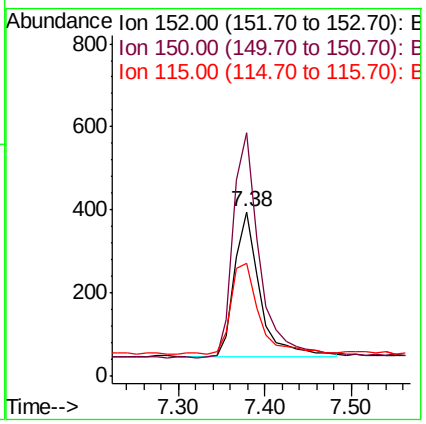


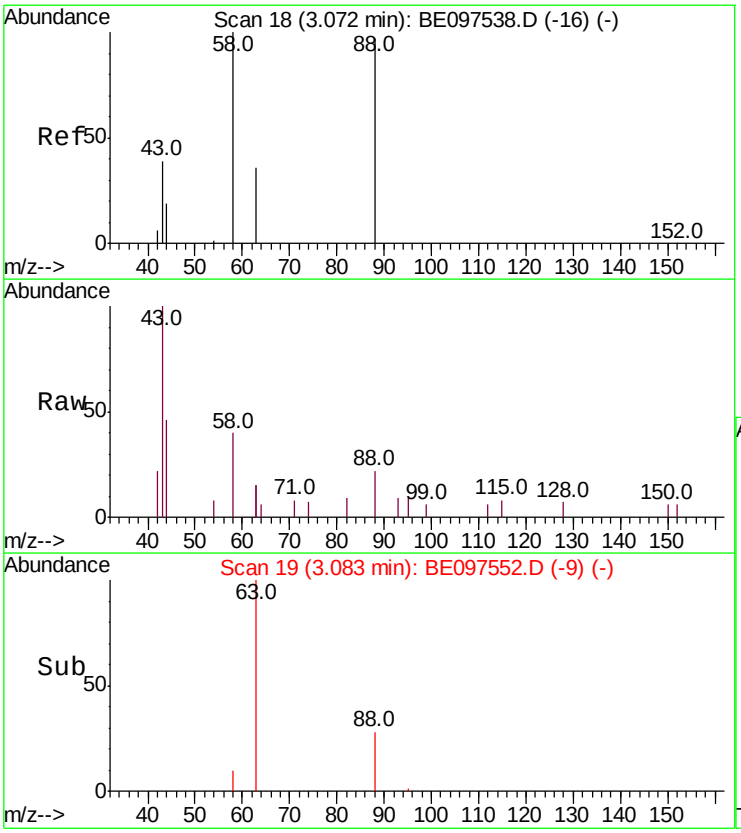
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 714

Ion	Ratio	Lower	Upper
152	100		
150	148.0	117.2	175.8
115	68.4	57.0	85.6

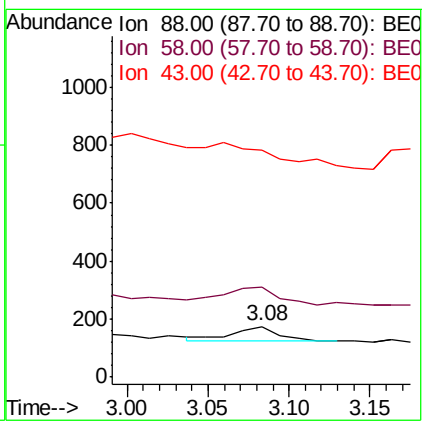


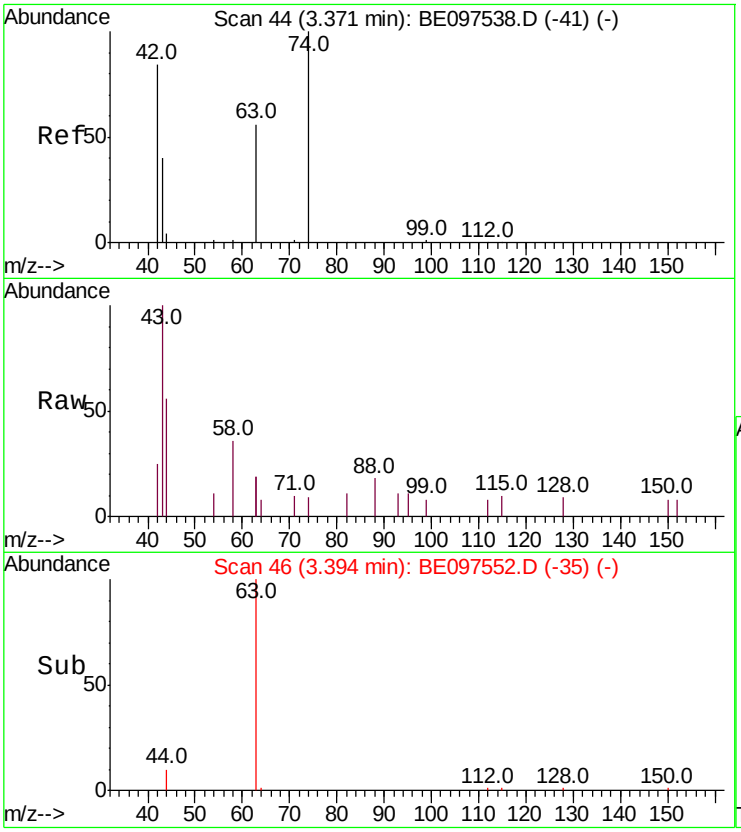


#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
58	153.2	63.2	94.8#
43	0.0	41.2	61.8#



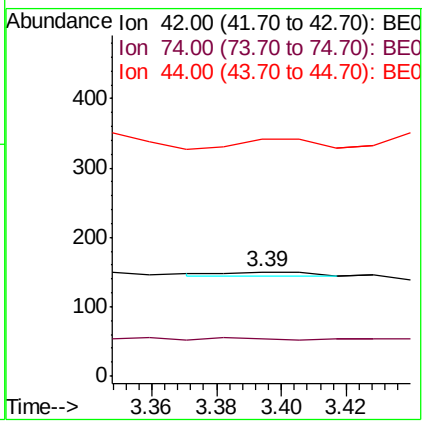


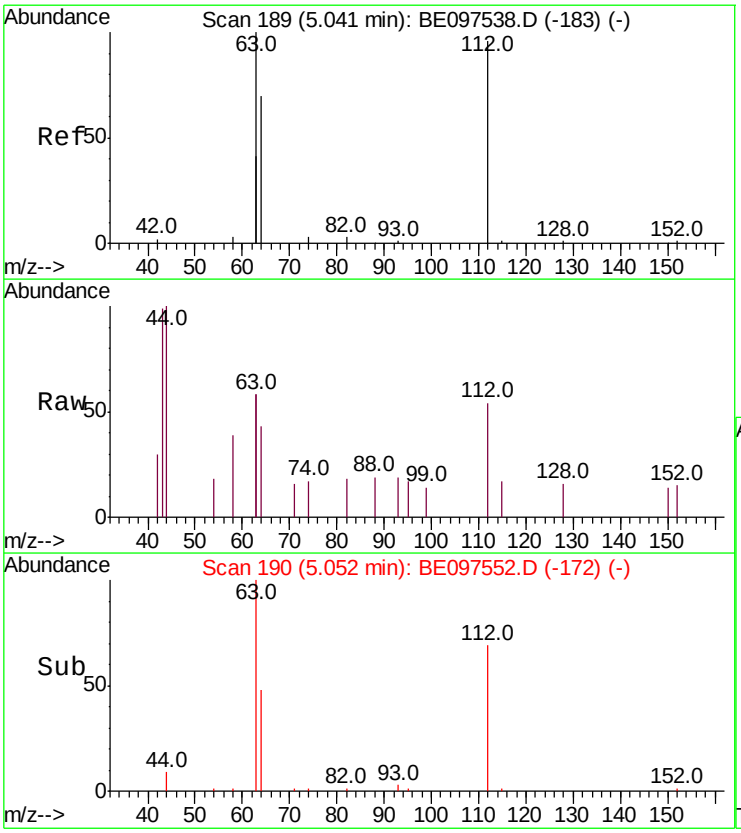
#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 9

Ion	Ratio	Lower	Upper
42	100		
74	33.3	96.0	144.0#
44	255.6	12.0	18.0#

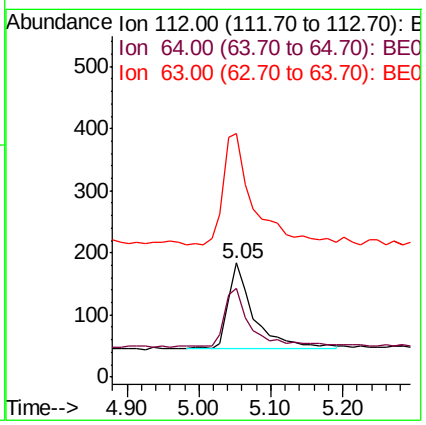


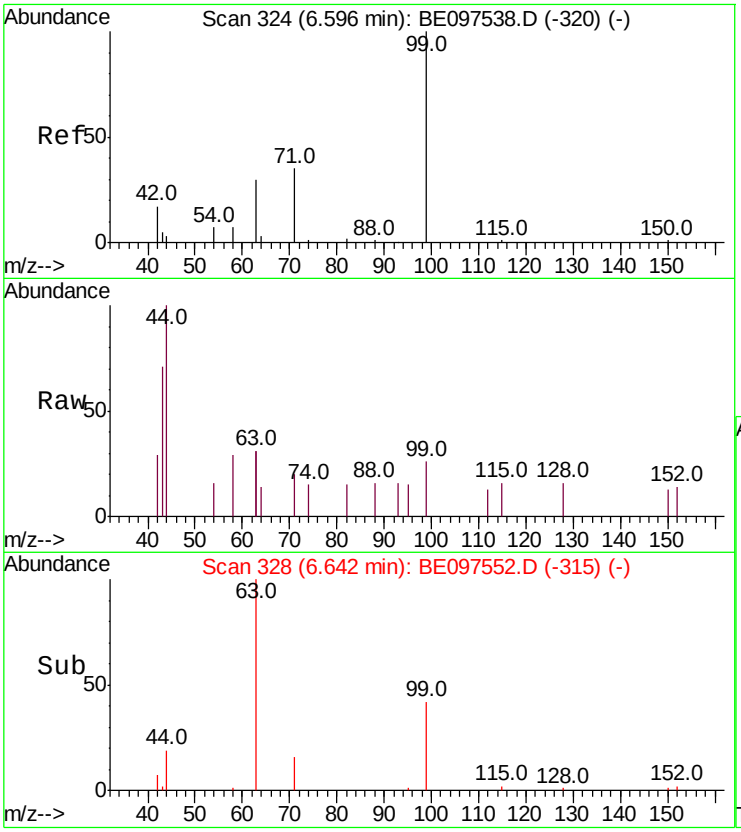


#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:112 Resp: 348

Ion	Ratio	Lower	Upper
112	100		
64	76.1	60.1	90.1
63	154.9	116.8	175.2



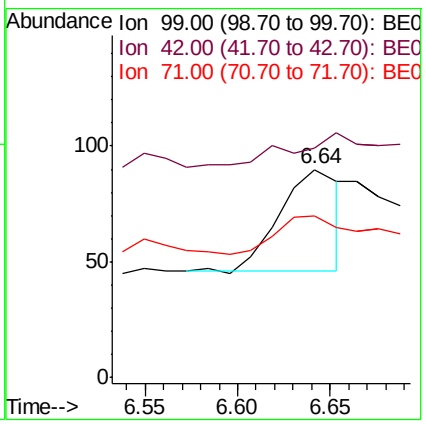


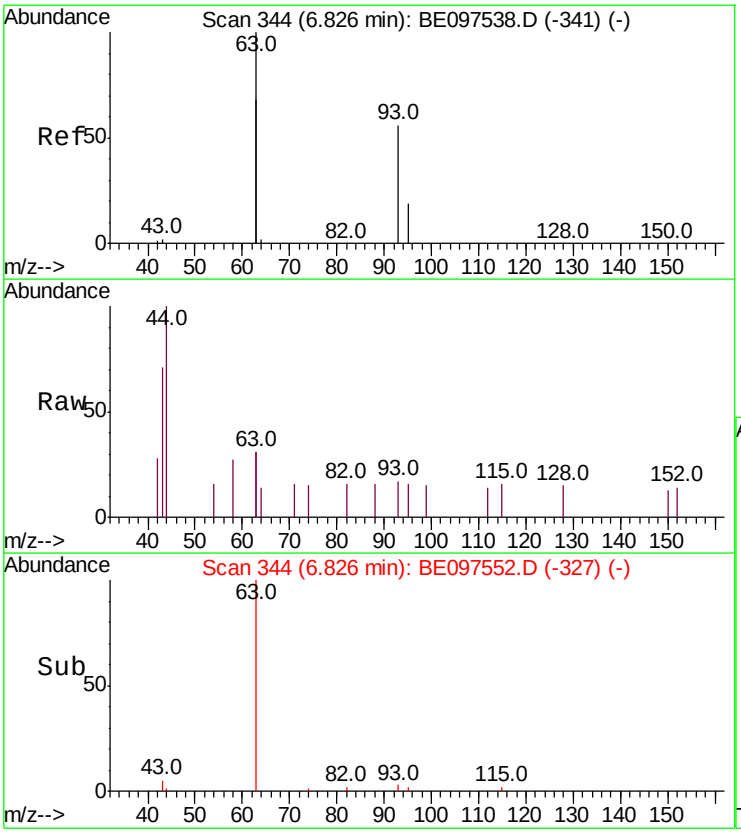
#5
Phenol-d6
Concen: 0.036 ng
RT: 6.64 min Scan# 328
Delta R.T. 0.05 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 99

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	38.4	28.4	42.6

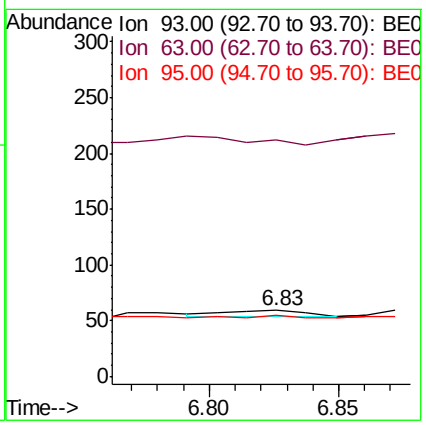


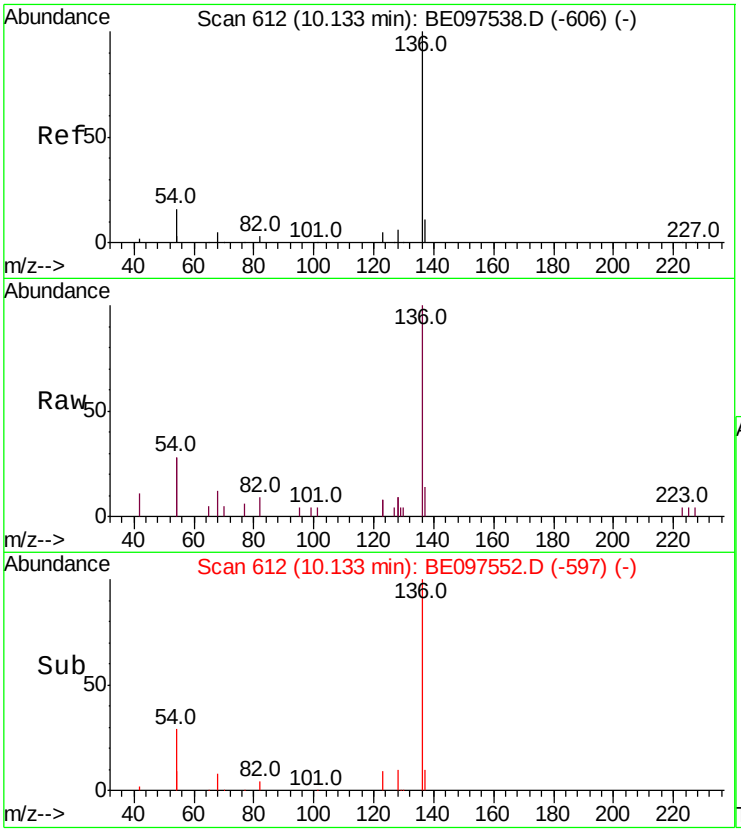


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion: 93 Resp: 10

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	20.0	25.2	37.8#



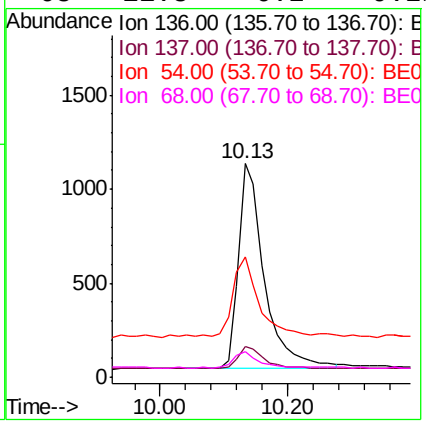


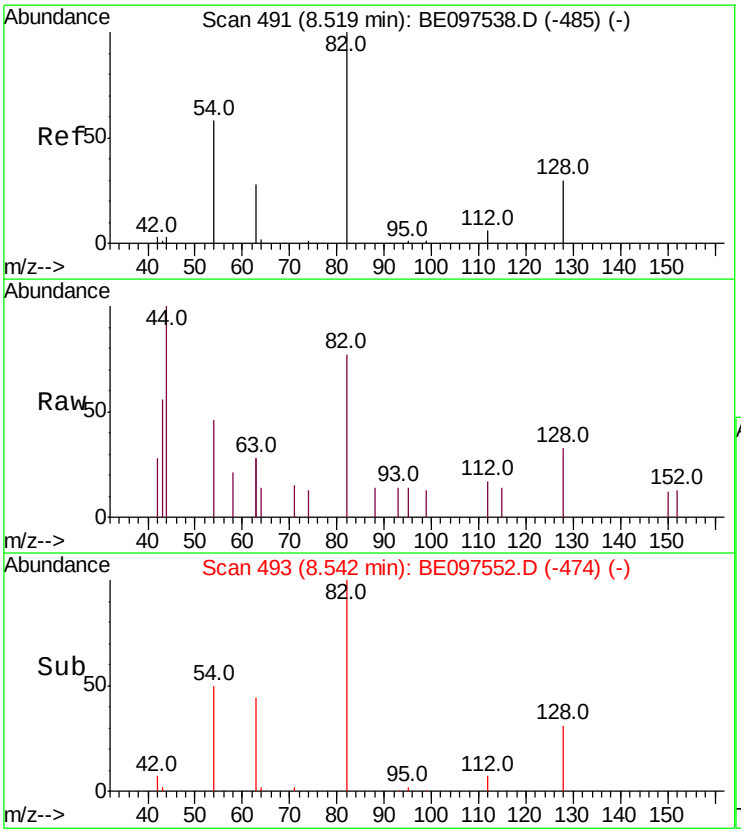
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3089

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.5	14.3
54	56.2	29.1	43.7#
68	11.8	6.2	9.2#

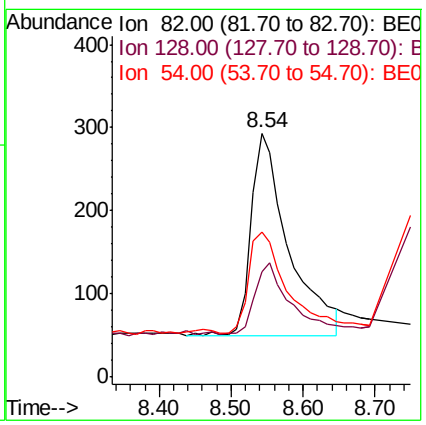


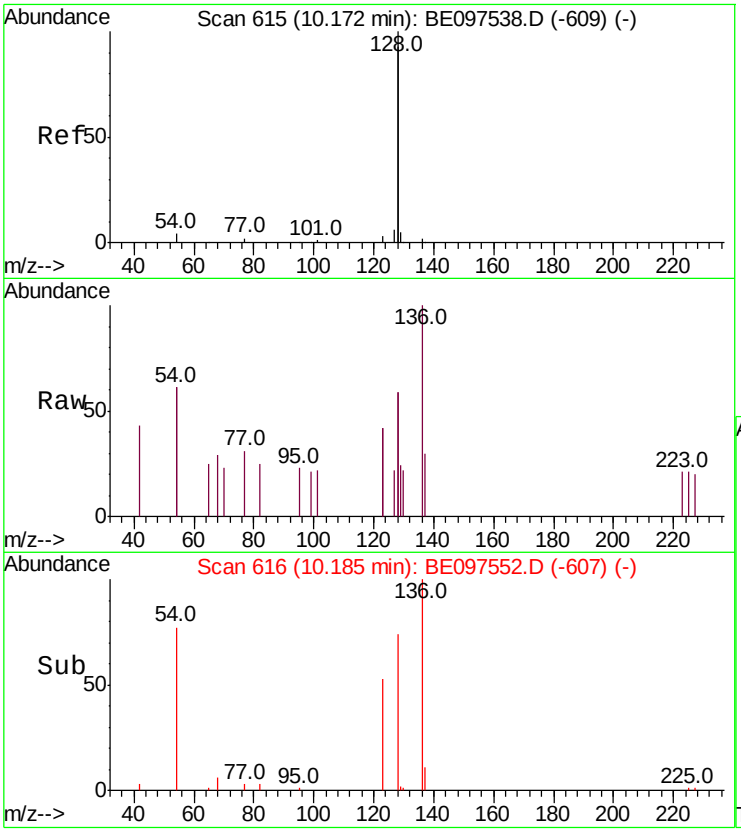


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.54 min Scan# 493
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion: 82 Resp: 900

Ion	Ratio	Lower	Upper
82	100		
128	43.0	24.0	36.0#
54	59.4	40.0	60.0



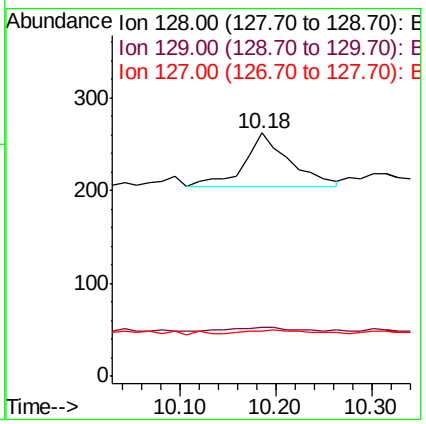


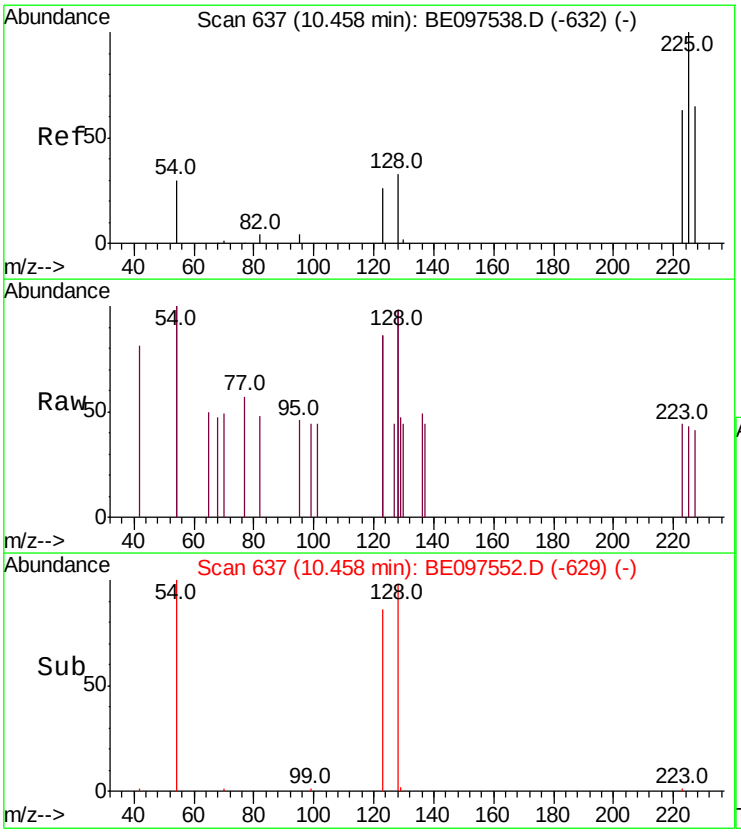
#9
Naphthalene
Concen: 0.007 ng
RT: 10.18 min Scan# 616
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 193

Ion	Ratio	Lower	Upper
128	100		
129	20.2	2.6	3.8#
127	18.7	2.8	4.2#

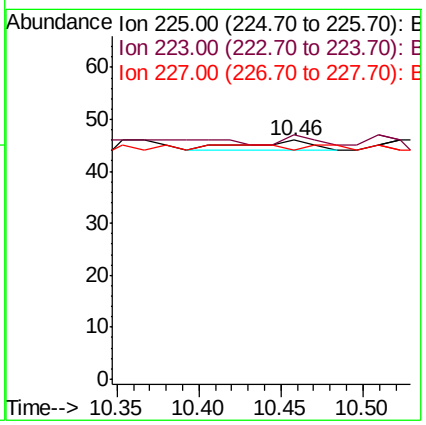


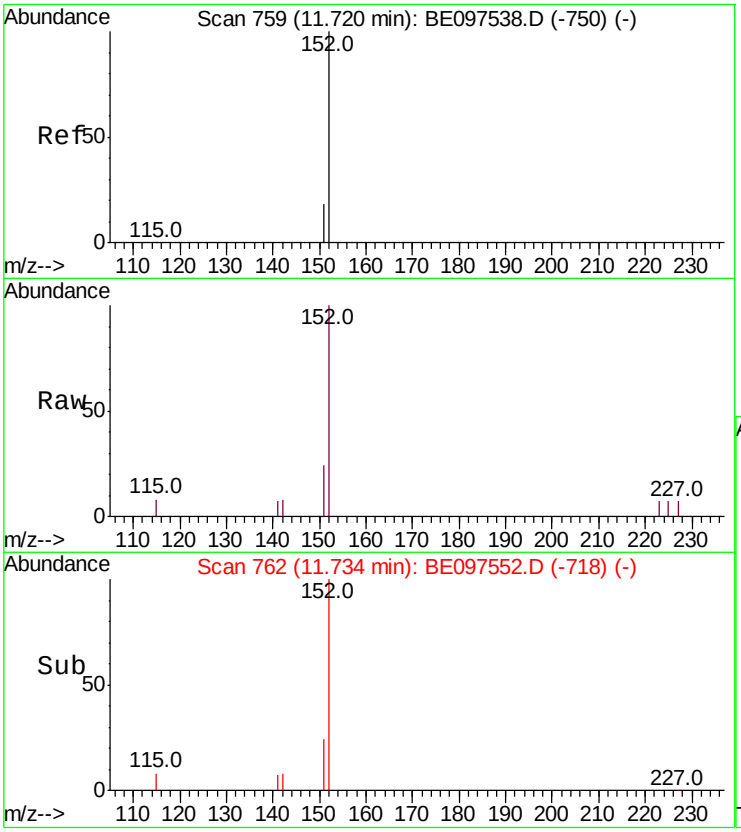


#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	40.0	53.0	79.6#
227	40.0	51.4	77.2#



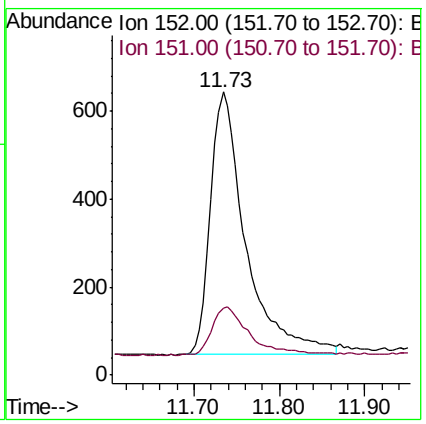


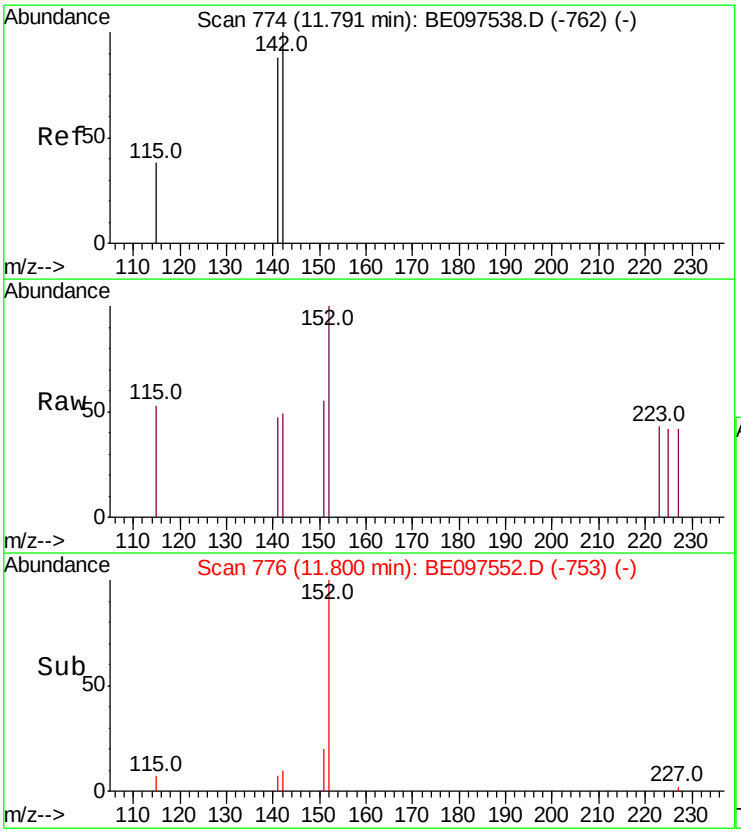
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1709

Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.4	23.0

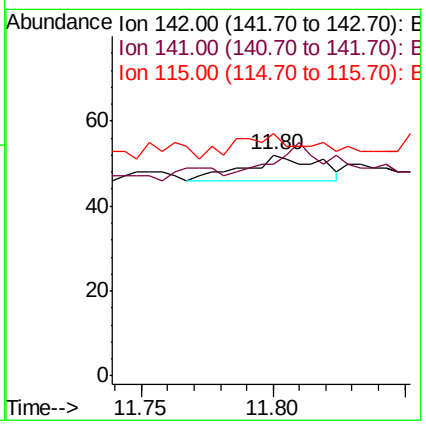


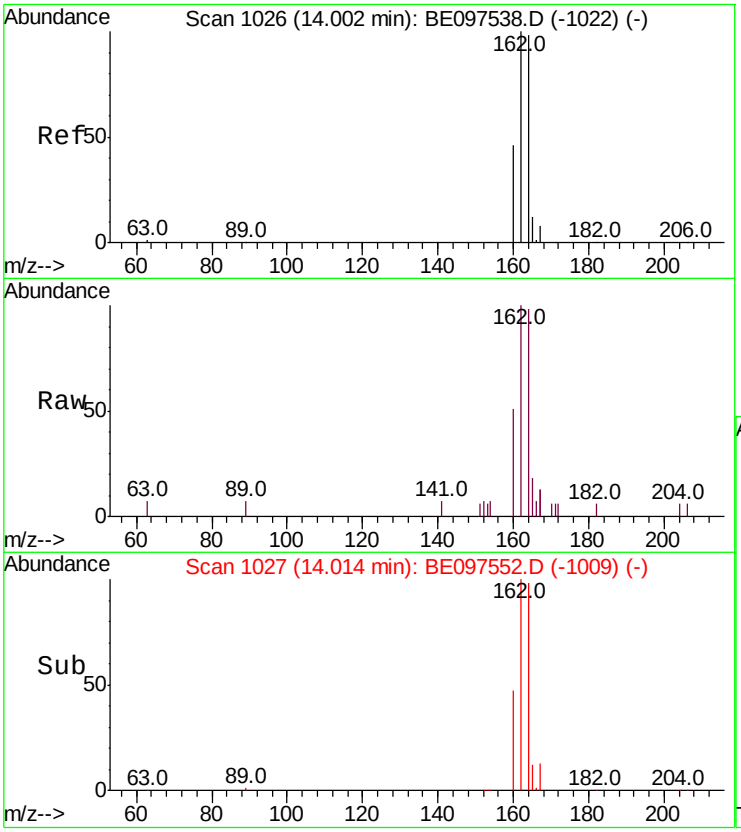


#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 11.80 min Scan# 776
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:142 Resp: 11

Ion	Ratio	Lower	Upper
142	100		
141	96.2	70.4	105.6
115	109.6	31.7	47.5#



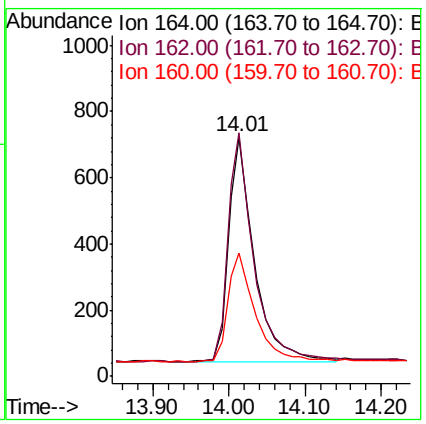


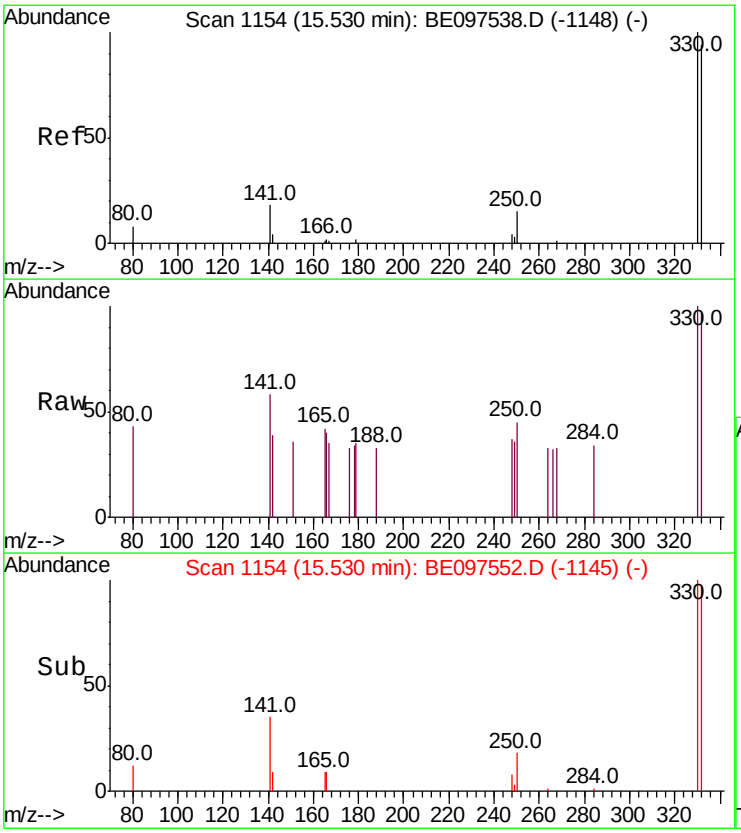
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1605

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.1	124.7
160	51.6	37.1	55.7

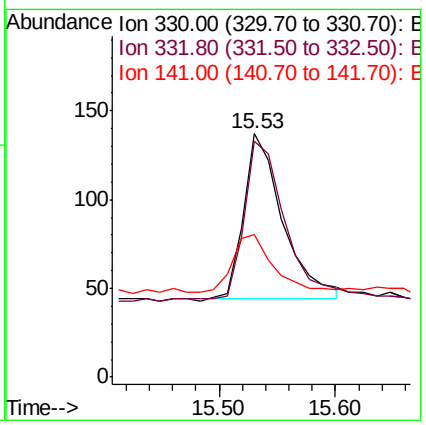


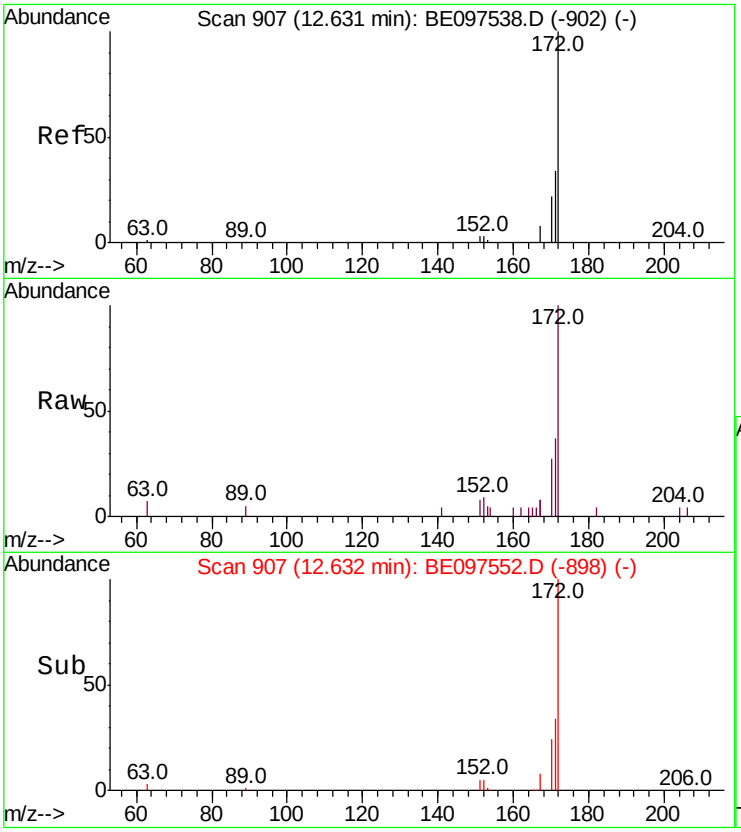


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	99.1	152.7	229.1#
141	35.8	33.7	50.5



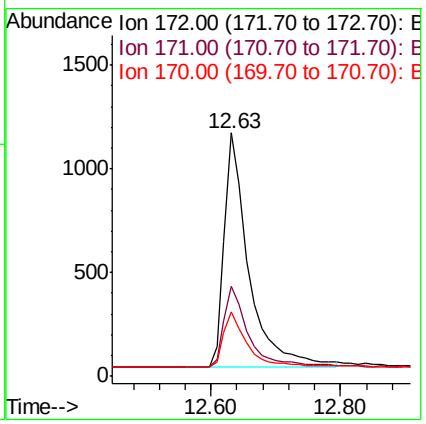


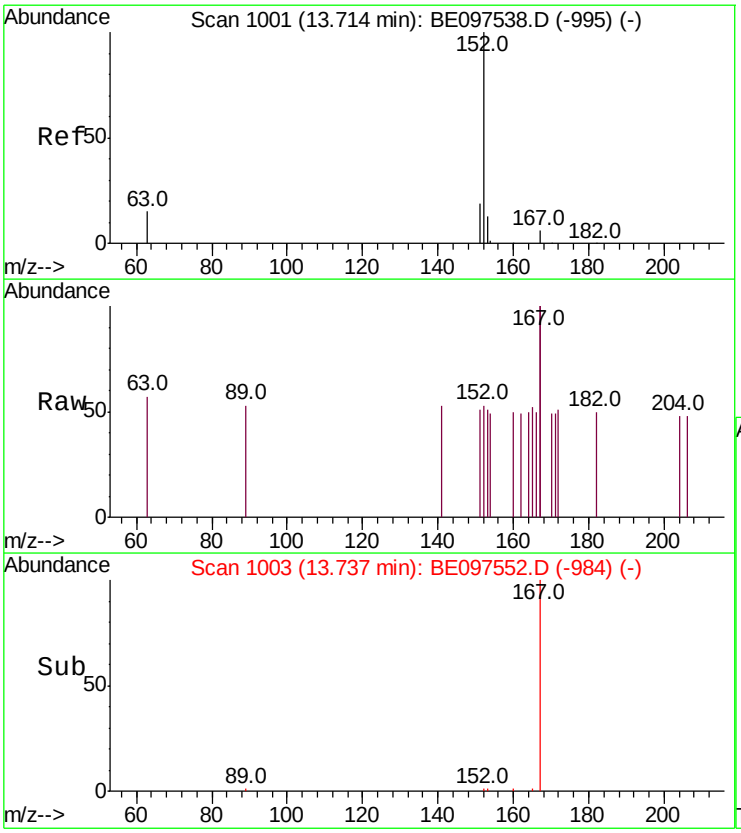
#15
2-Fluorobiphenyl
Concen: 0.524 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2971

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	26.6	21.8	32.8

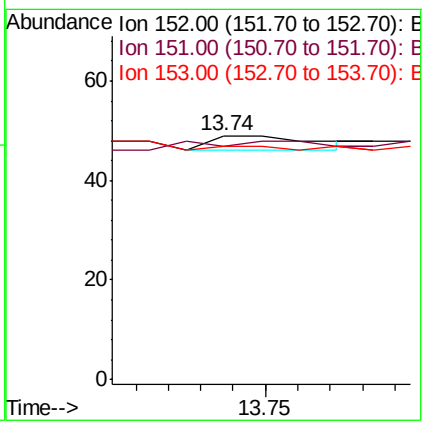


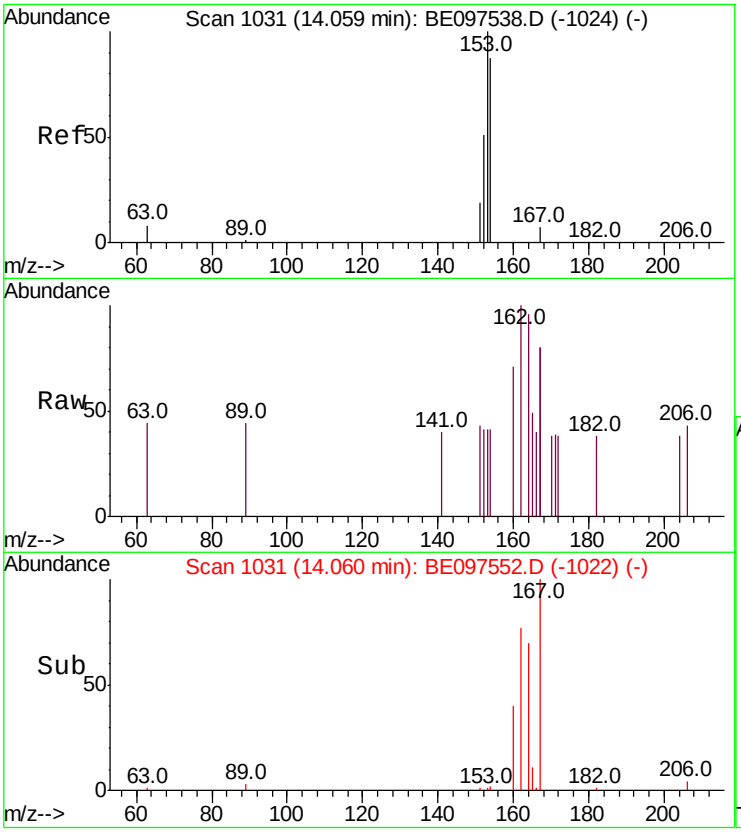


#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:152 Resp: 7

Ion	Ratio	Lower	Upper
152	100		
151	171.4	15.7	23.5#
153	0.0	10.5	15.7#



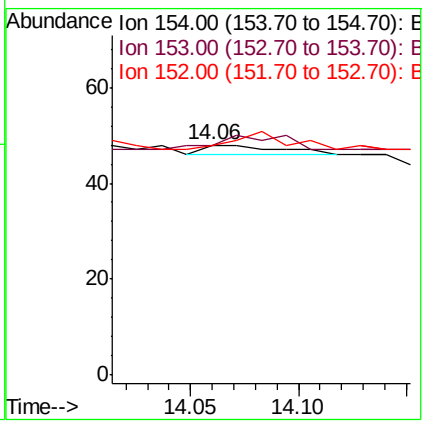


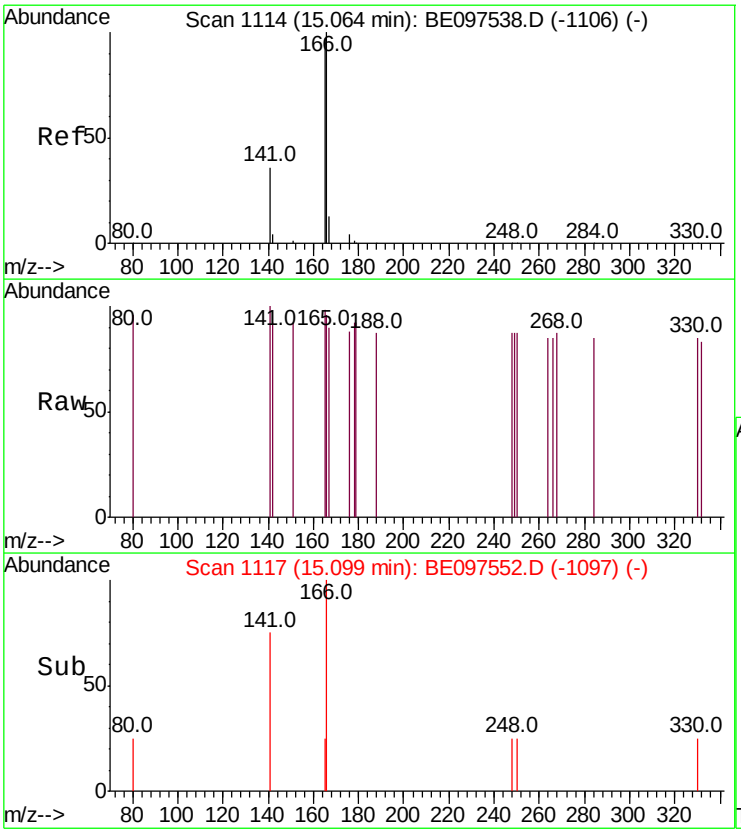
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5

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

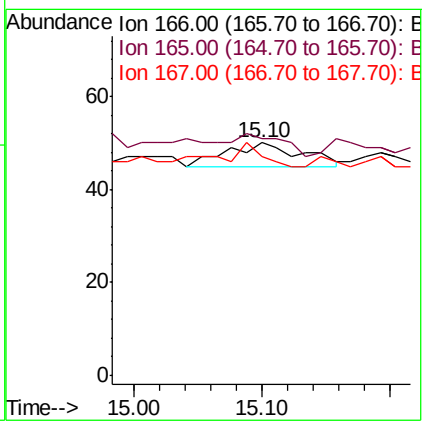


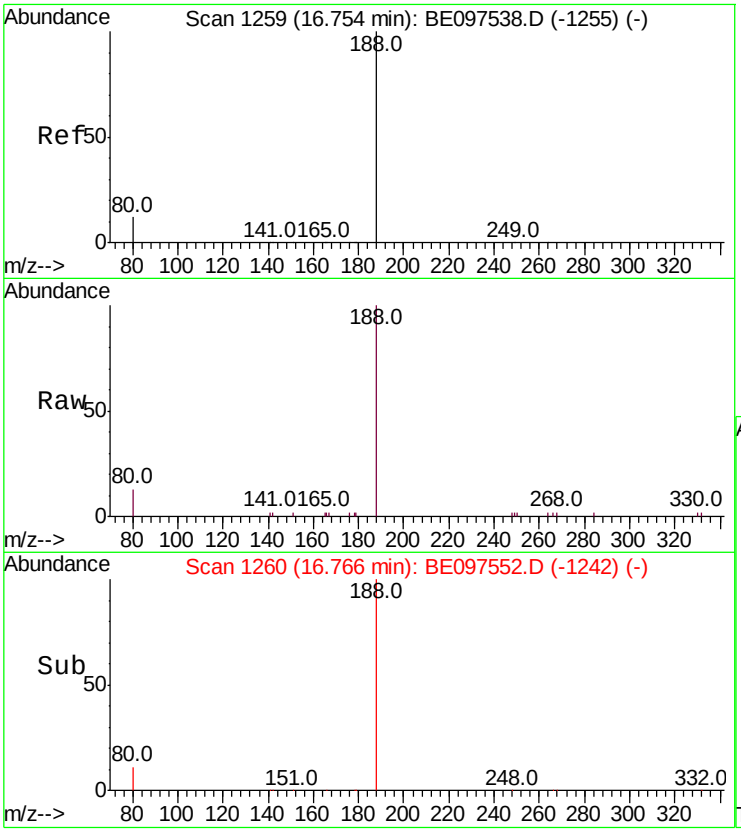


#18
Fluorene
Concen: 0.004 ng
RT: 15.10 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:166 Resp: 20

Ion	Ratio	Lower	Upper
166	100		
165	55.0	77.8	116.6#
167	50.0	42.4	63.6



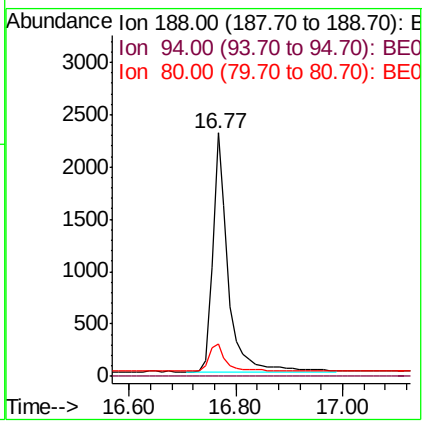


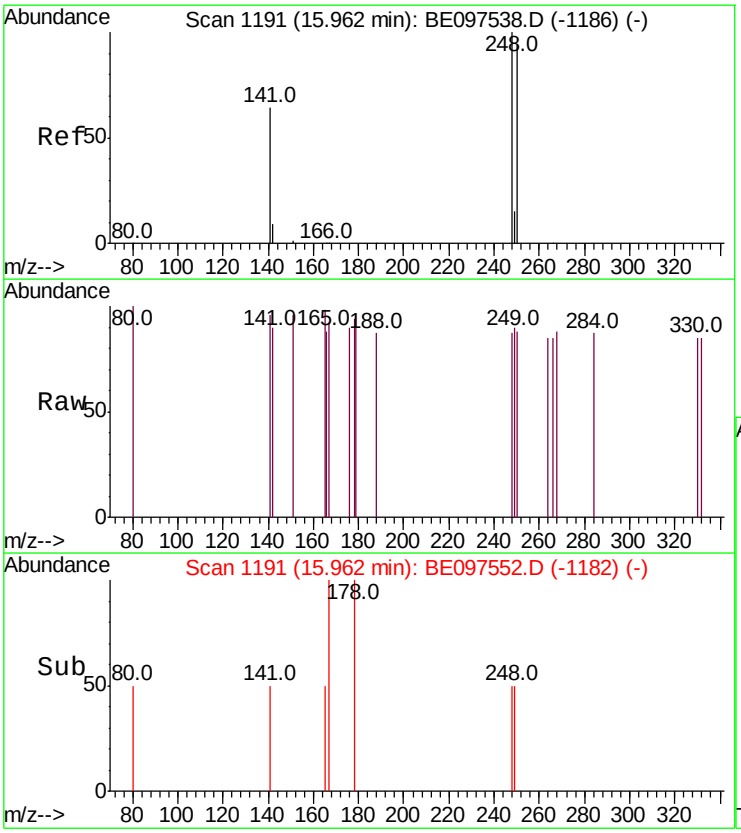
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4612

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.3	3.6	5.4#

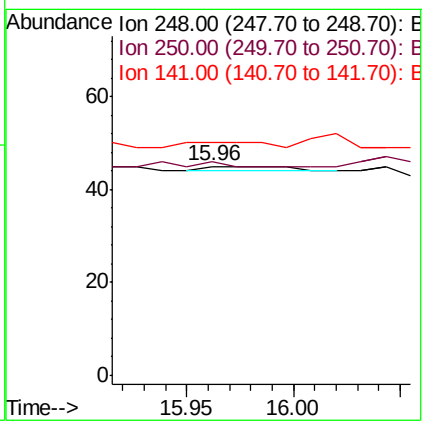


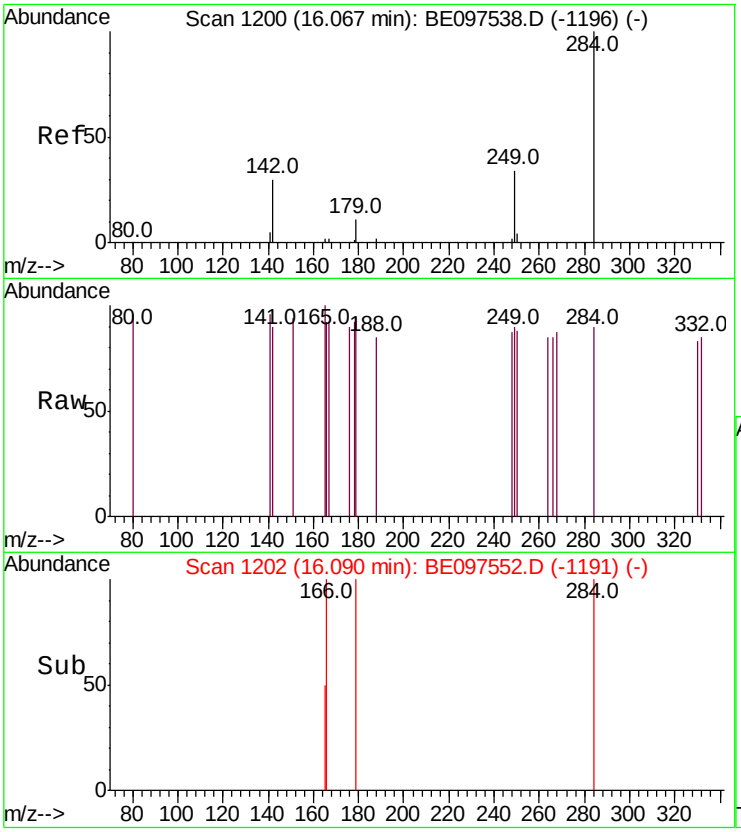


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	102.2	62.7	94.1#
141	111.1	48.2	72.2#



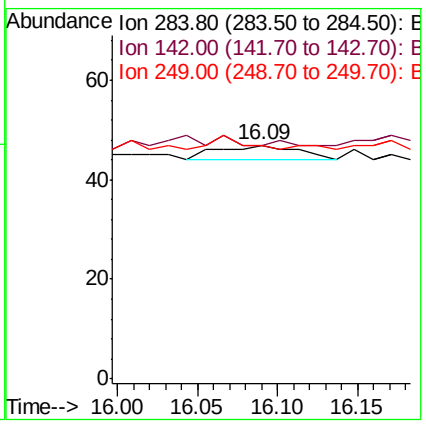


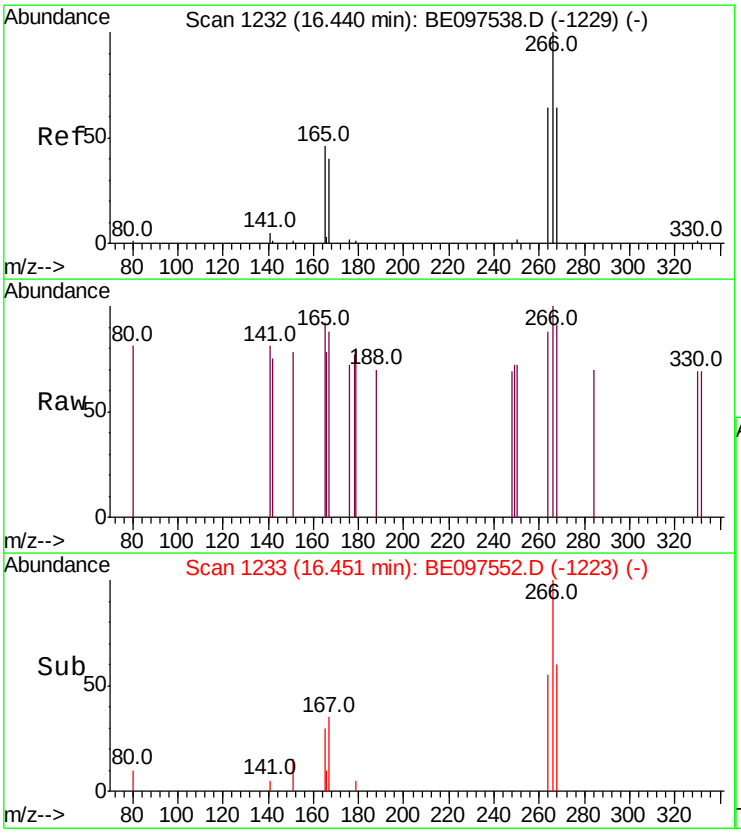
#21
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.09 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	10.0	22.1	33.1#
249	0.0	34.8	52.2#

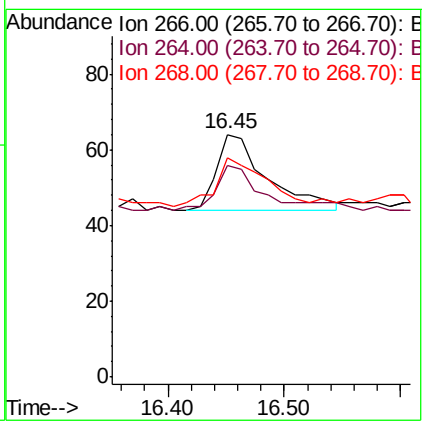


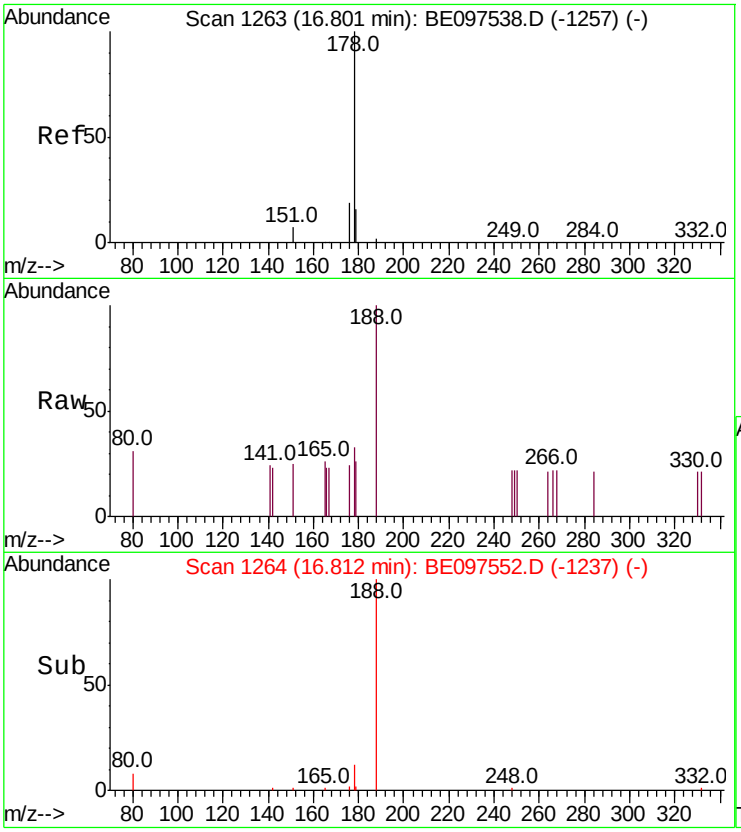


#22
Pentachlorophenol
Concen: 0.188 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:266 Resp: 60

Ion	Ratio	Lower	Upper
266	100		
264	87.5	72.5	108.7
268	90.6	73.8	110.6



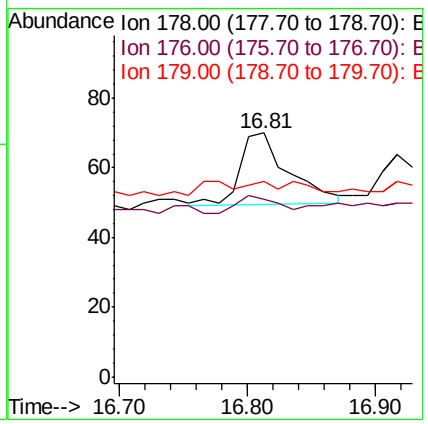


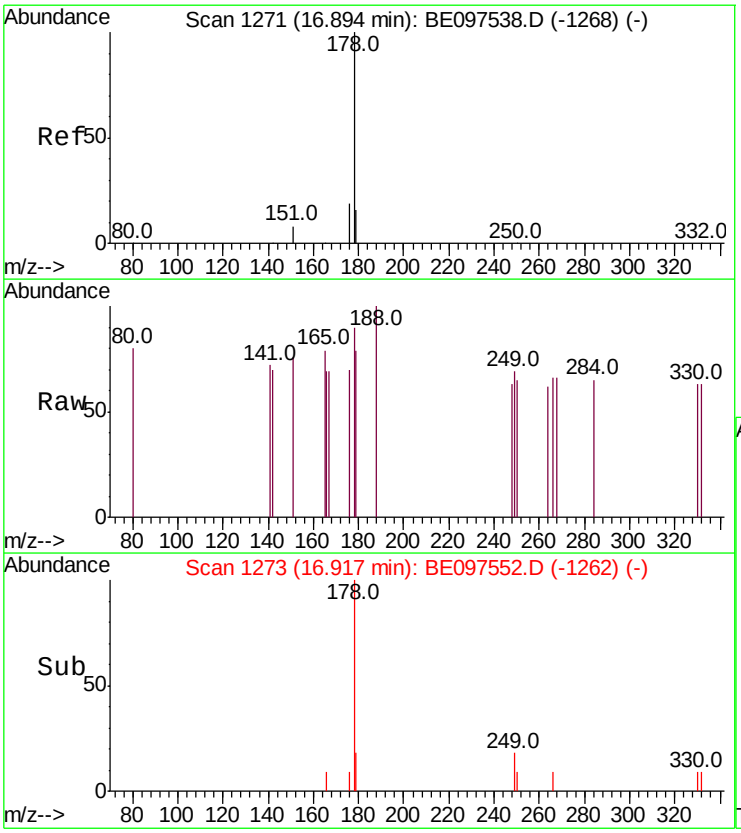
#23
Phenanthrene
Concen: 0.005 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 54

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	0.0	11.8	17.6#

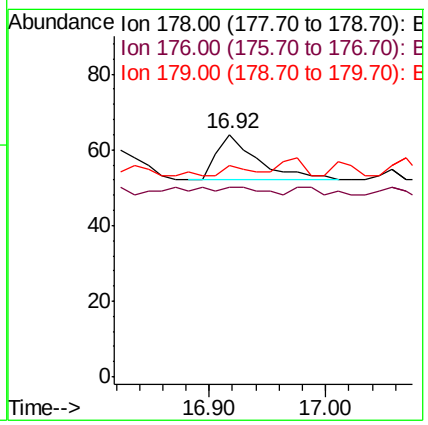


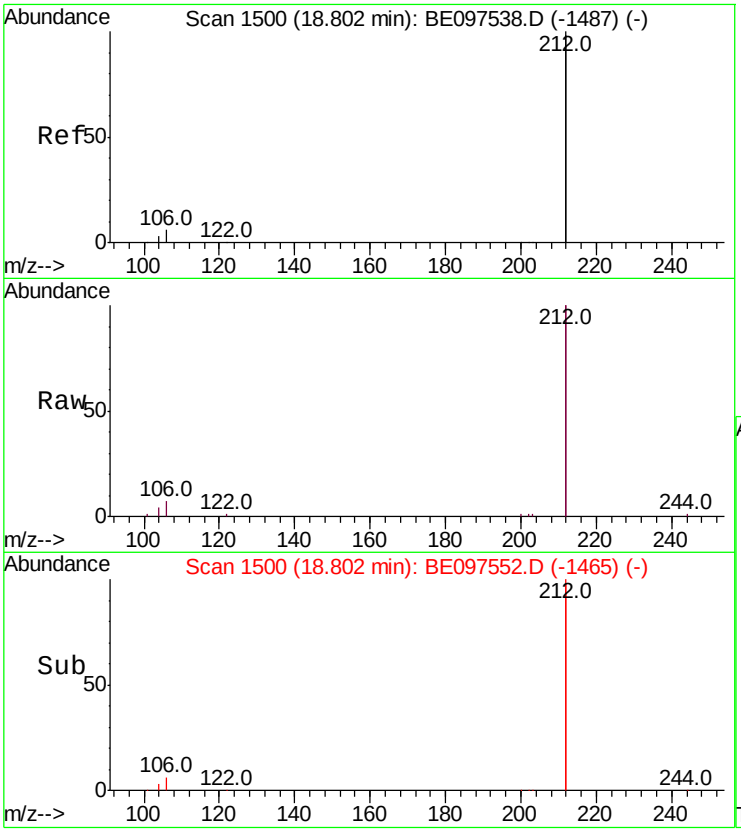


#24
Anthracene
Concen: 0.003 ng
RT: 16.92 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:178 Resp: 29

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	17.2	13.0	19.6



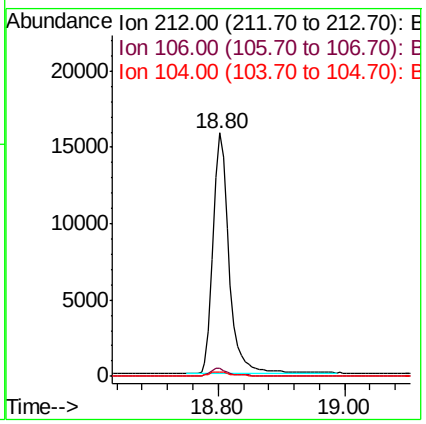


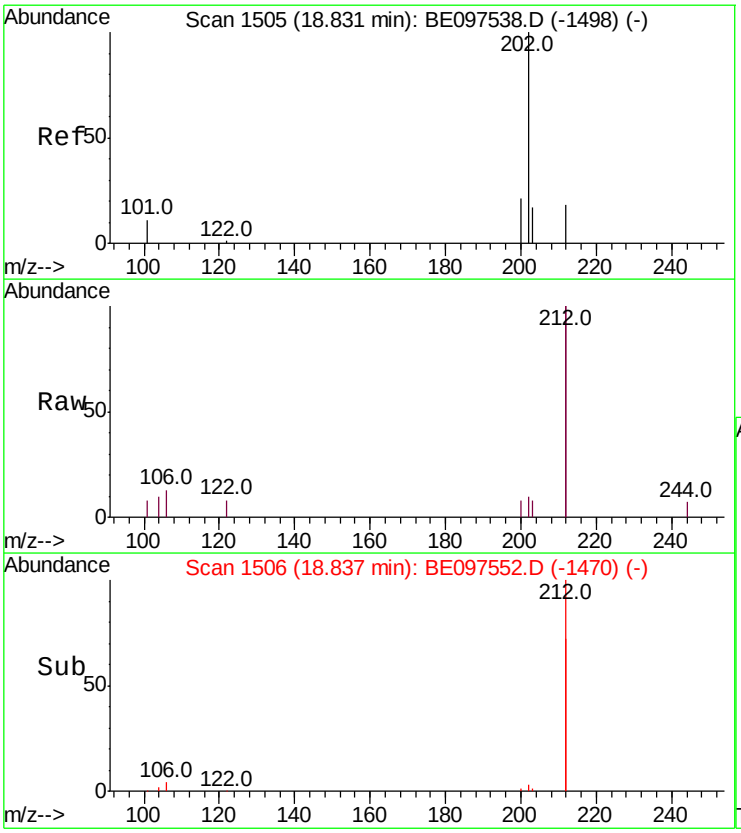
#25
Fluoranthene-d10
Concen: 0.466 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 27522

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

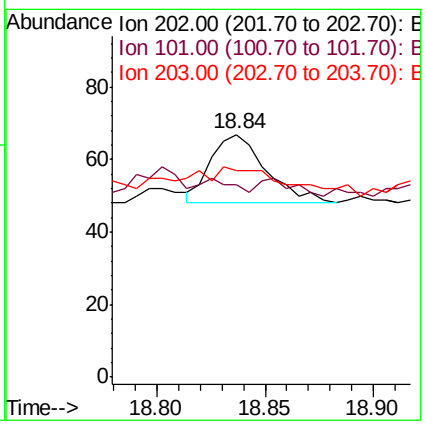


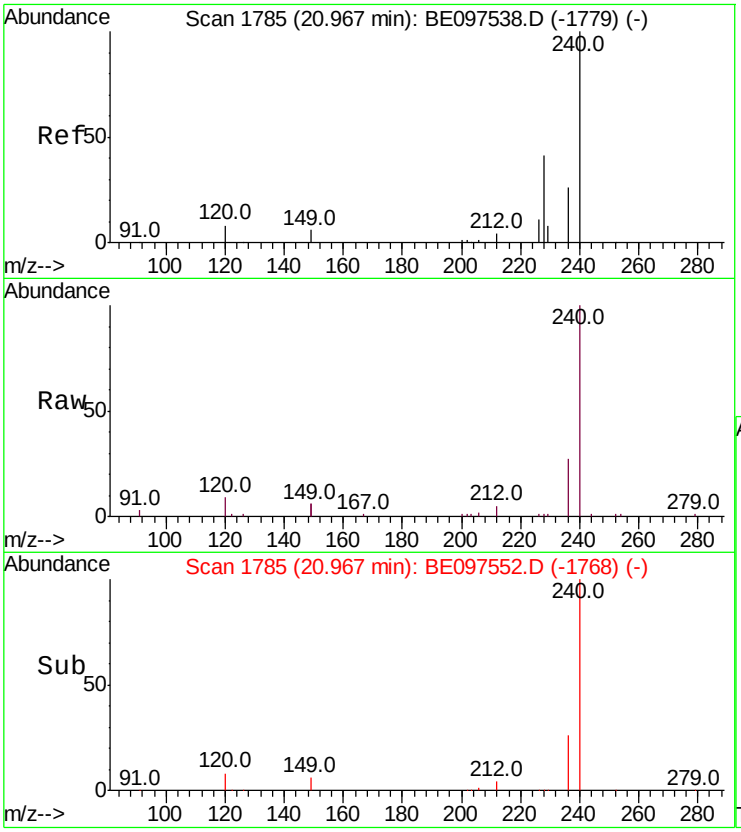


#26
Fluoranthene
Concen: 0.002 ng
RT: 18.84 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:202 Resp: 34

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	88.2	13.7	20.5#



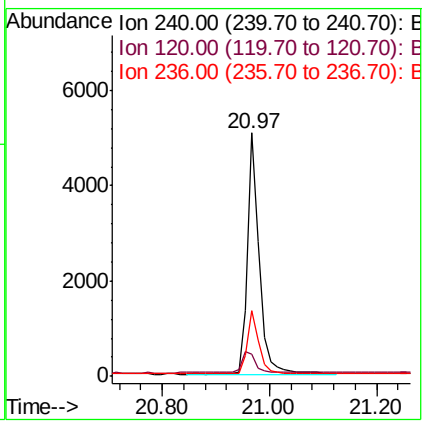


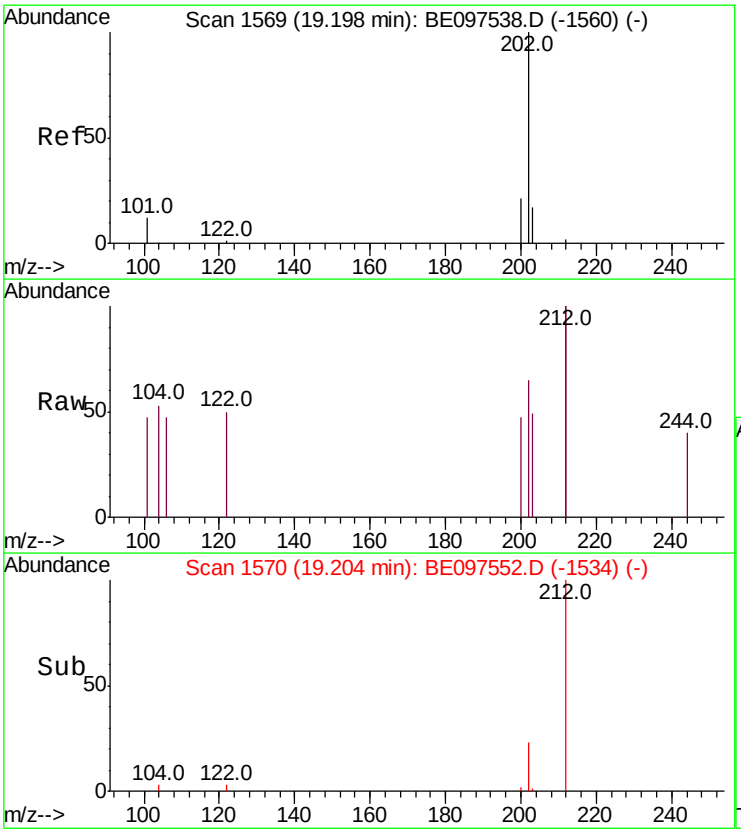
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7832

Ion	Ratio	Lower	Upper
240	100		
120	9.3	5.5	8.3#
236	27.1	20.7	31.1

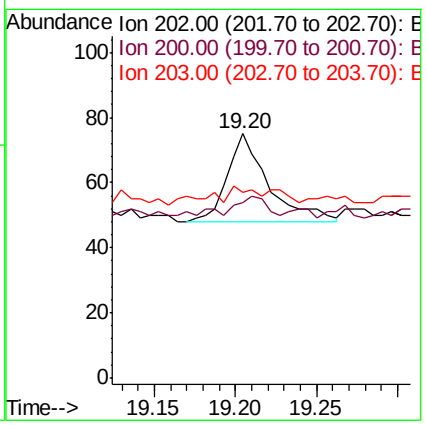


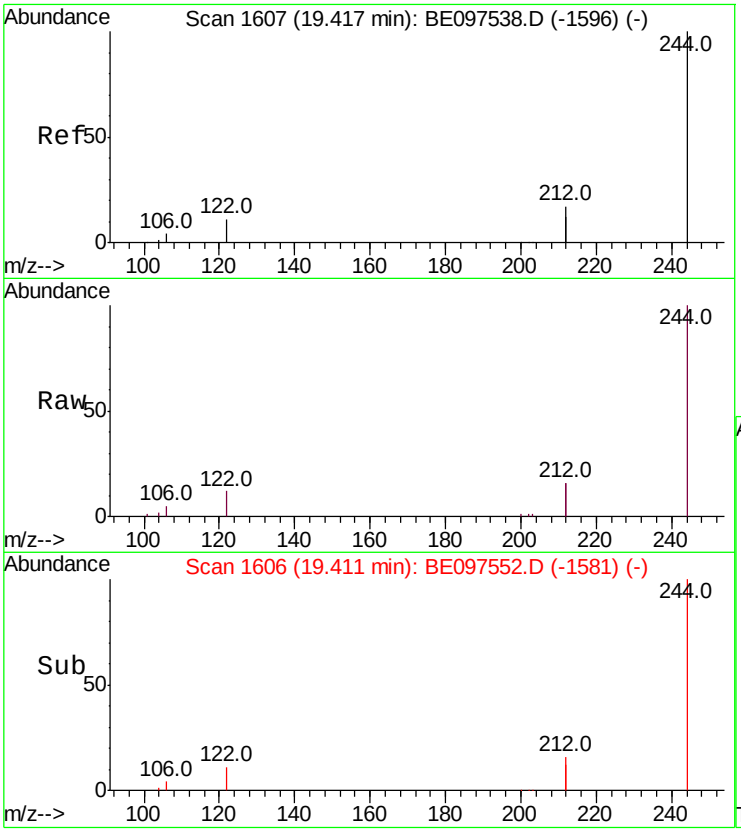


#28
Pyrene
Concen: 0.003 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:202 Resp: 48

Ion	Ratio	Lower	Upper
202	100		
200	16.7	16.6	25.0
203	8.3	13.8	20.8#



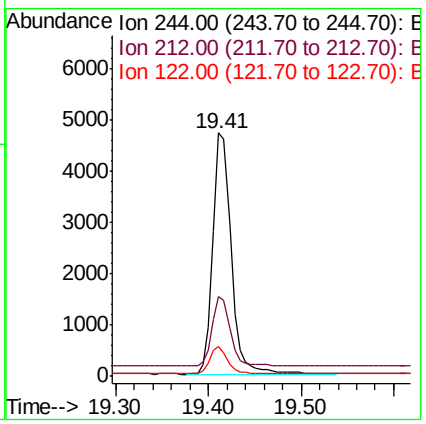


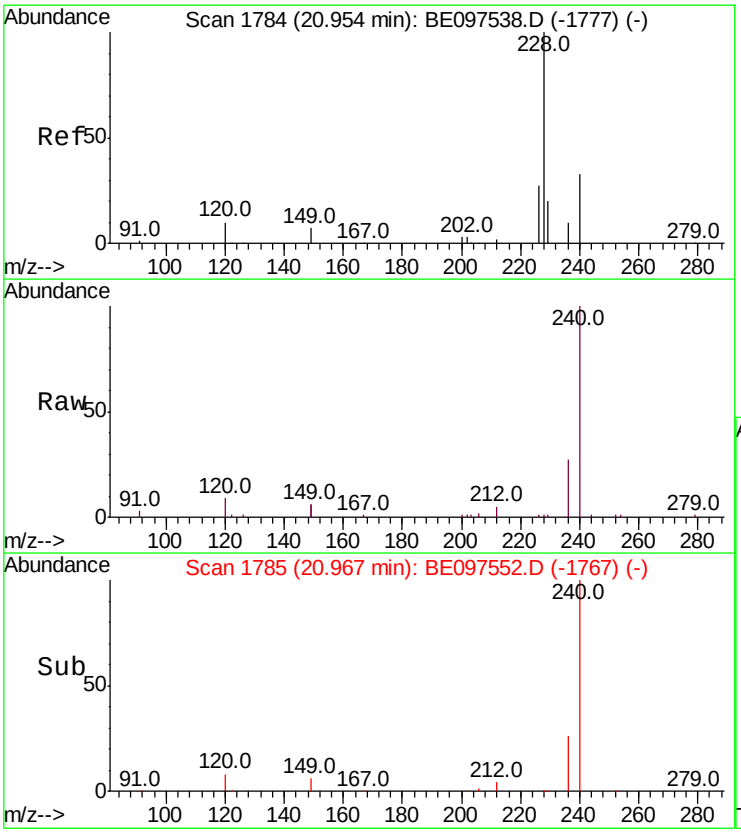
#29
Terphenyl-d14
Concen: 0.452 ng
RT: 19.41 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6486

Ion	Ratio	Lower	Upper
244	100		
212	32.6	25.4	38.0
122	12.1	8.1	12.1#

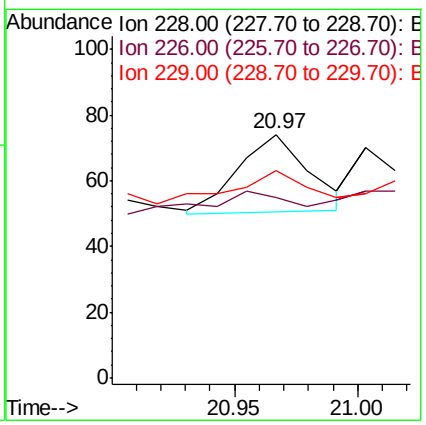


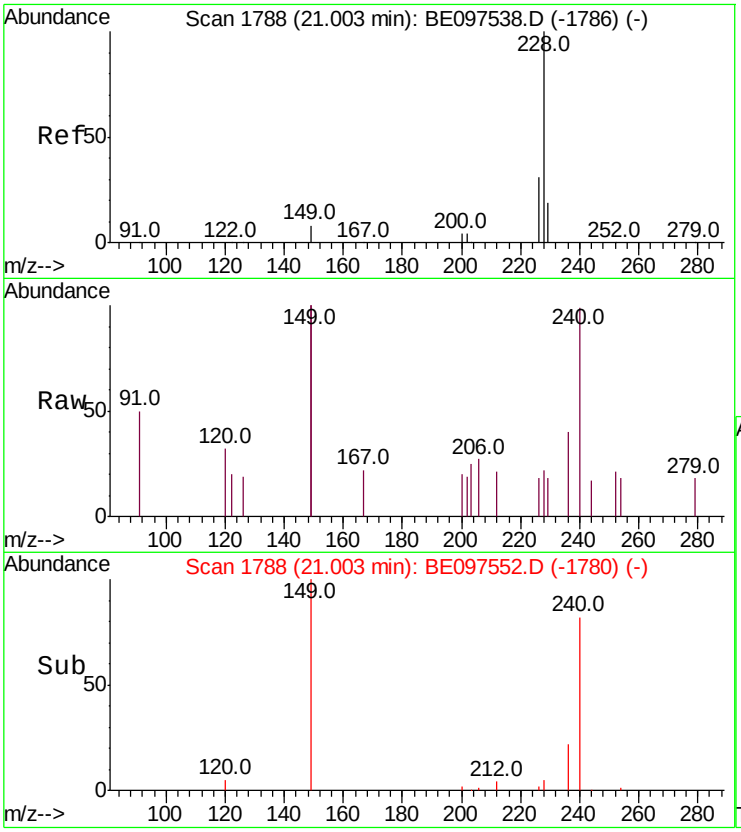


#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:228 Resp: 47

Ion	Ratio	Lower	Upper
228	100		
226	74.3	24.0	36.0#
229	85.1	16.0	24.0#



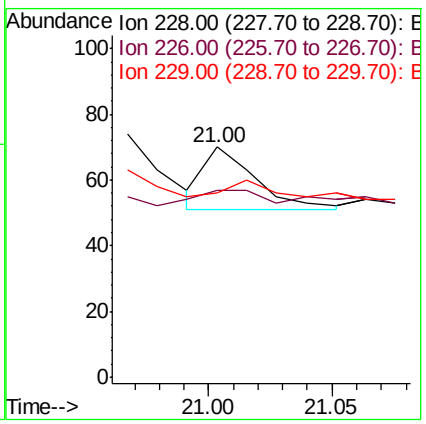


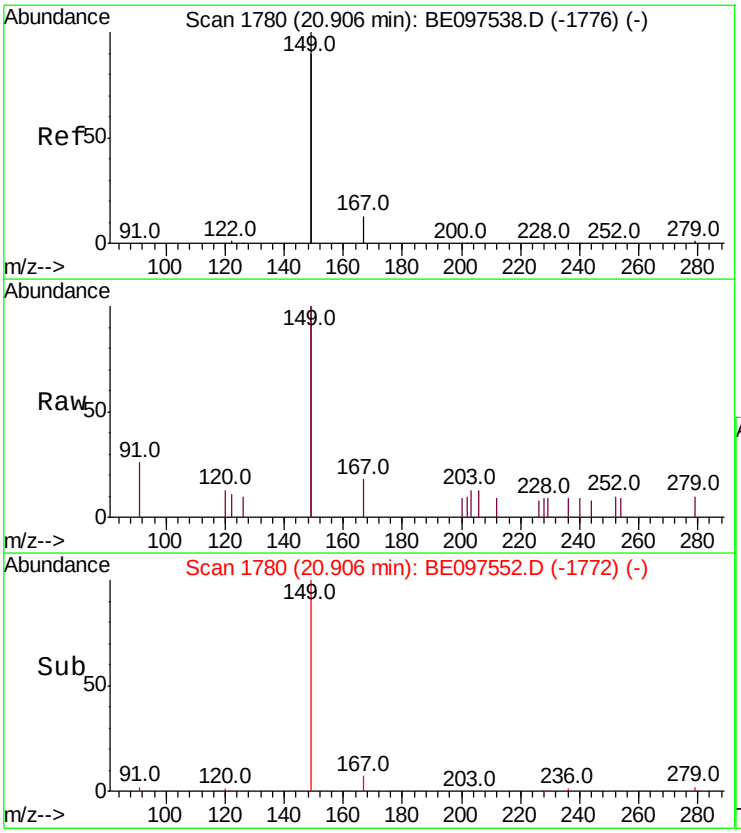
#31
Chrysene
Concen: 0.001 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 28

Ion	Ratio	Lower	Upper
228	100		
226	81.4	24.0	36.0#
229	80.0	16.0	24.0#

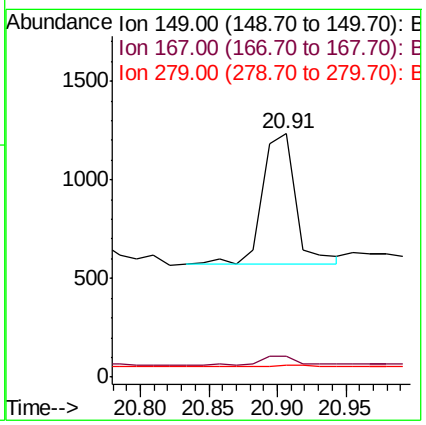


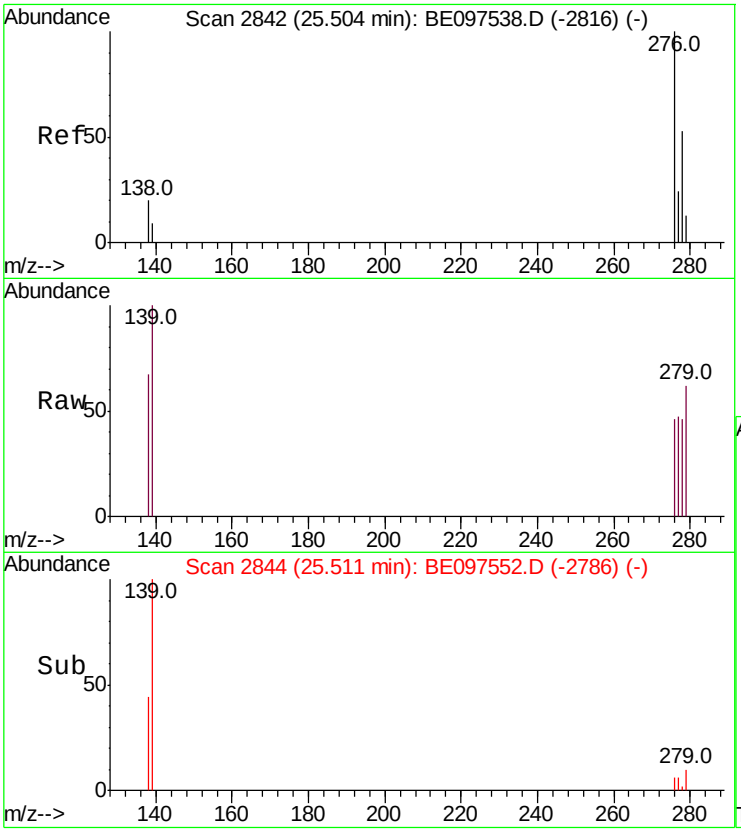


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 20.91 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:149 Resp: 1135

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.7	0.7	1.1#



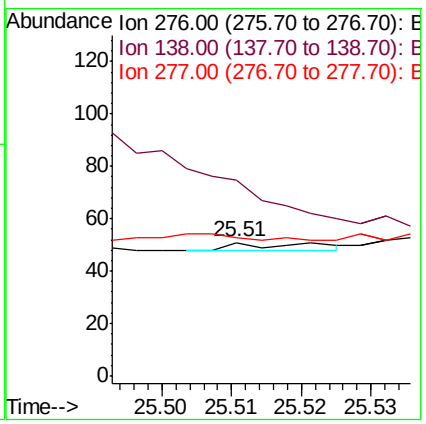


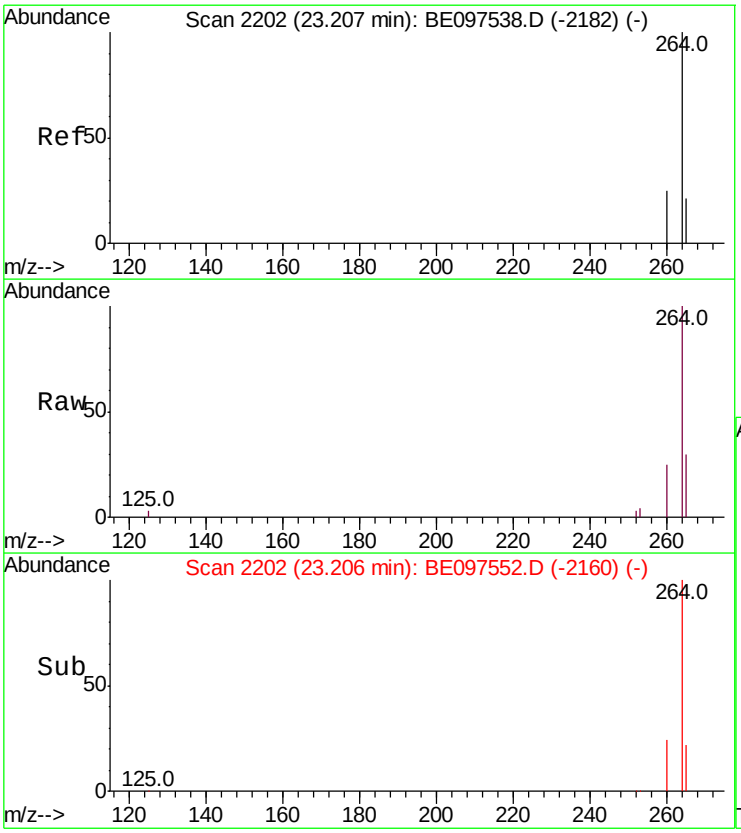
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.51 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	100.0	19.9	29.9#

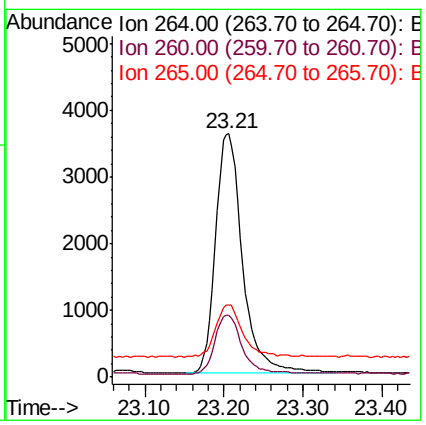


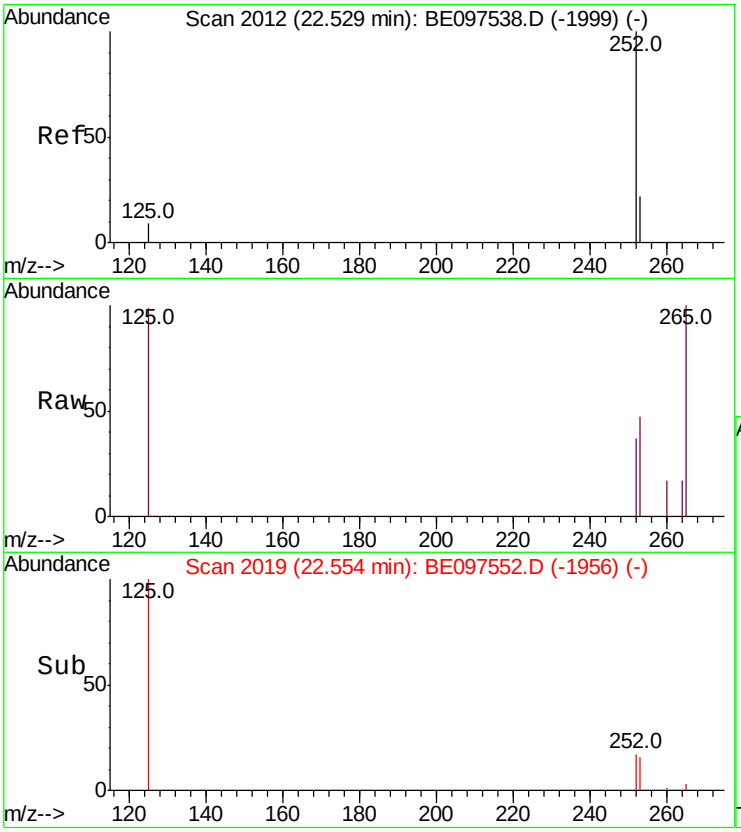


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:264 Resp: 8553

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	29.6	22.8	34.2



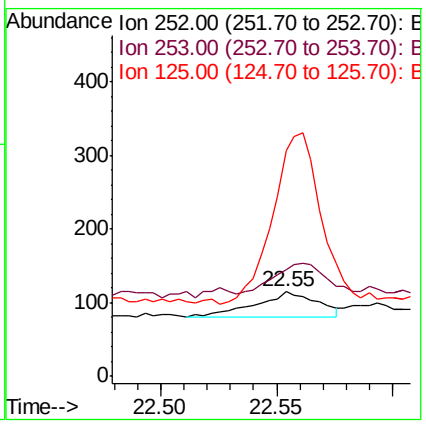


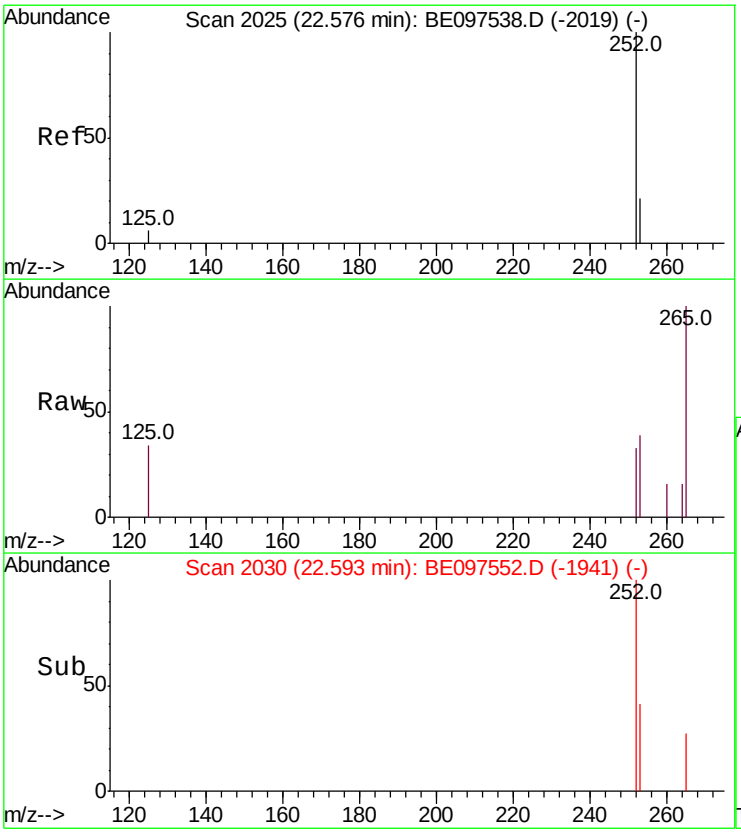
#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.55 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 66

Ion	Ratio	Lower	Upper
252	100		
253	125.2	20.0	30.0#
125	267.0	16.0	24.0#

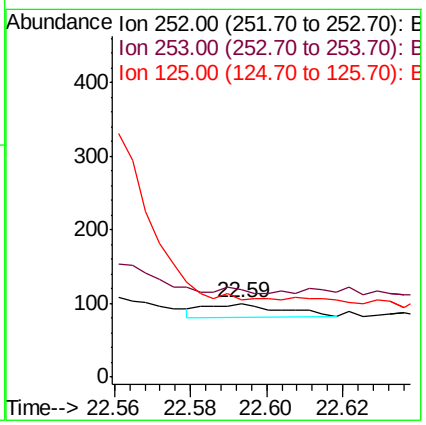


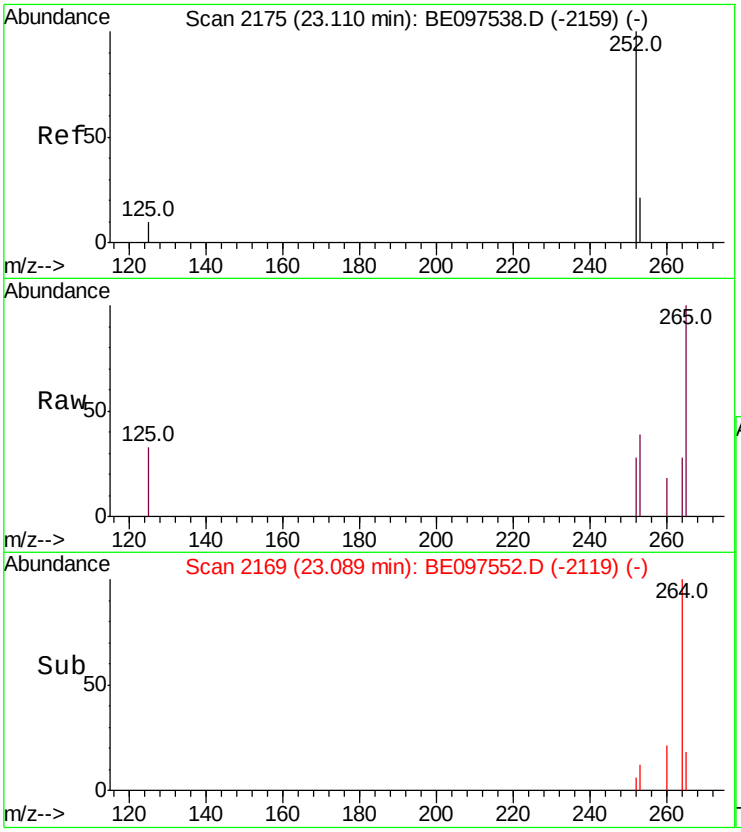


#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:252 Resp: 26

Ion	Ratio	Lower	Upper
252	100		
253	119.0	16.0	24.0#
125	104.0	8.0	12.0#



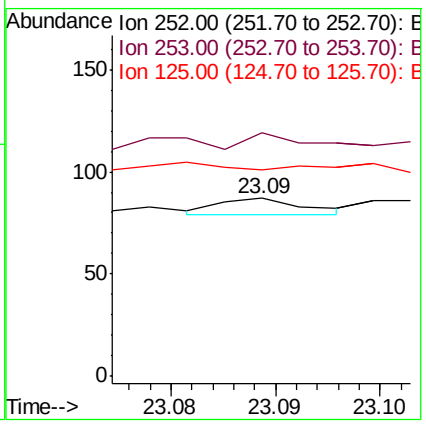


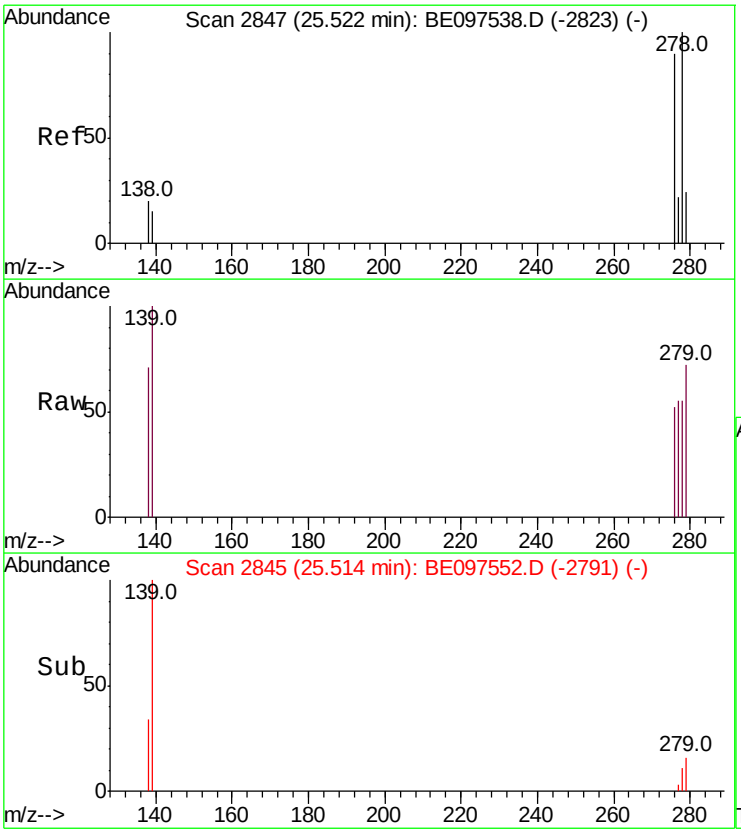
#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.09 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4

Ion	Ratio	Lower	Upper
252	100		
253	136.8	16.0	24.0#
125	116.1	12.0	18.0#

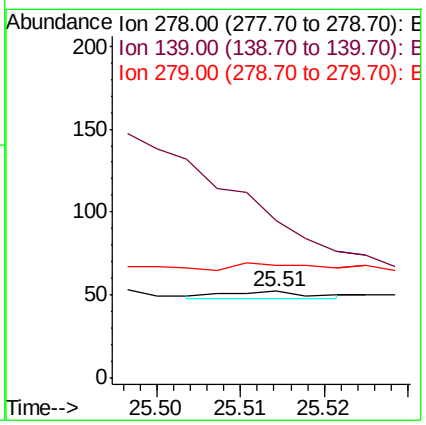


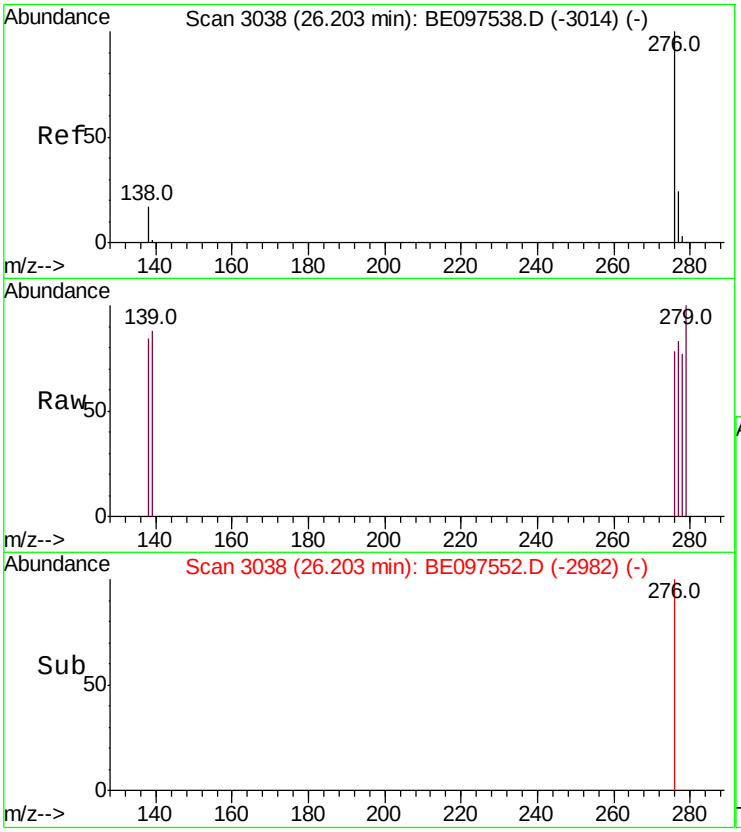


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	182.7	16.0	24.0#
279	130.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
277	106.0	16.0	24.0#
138	108.0	20.0	30.0#