Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
Data File : BE097341.D
Acq On : 20 Aug 2018 20:43
Operator : SJ/JU
Sample : J4473-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 21 05:06:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 20 18:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	923	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	4708	0.40	ng		0.01
13) Acenaphthene-d10	14.01	164	2749	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	7050	0.40	ng		0.00
27) Chrysene-d12	20.97	240	6527	0.40	ng		-0.01
34) Perylene-d12	23.21	264	5698	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	383	0.18	ng		0.00
5) Phenol-d6	6.60	99	314	0.10	ng		0.00
8) Nitrobenzene-d5	8.52	82	973	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2570	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	246	0.48	ng		-0.01
15) 2-Fluorobiphenyl	12.63	172	5007	0.44	ng		0.00
25) Fluoranthene-d10	18.80	212	30992	0.49	ng		0.00
29) Terphenyl-d14	19.42	244	8637	0.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	184	0.111	ng	#	61
3) n-Nitrosodimethylamine	3.36	42	17	0.013	ng	#	1
6) bis(2-Chloroethyl)ether	6.83	93	11	0.004	ng	#	33
9) Naphthalene	10.18	128	159	0.004	ng	#	56
10) Hexachlorobutadiene	10.48	225	7	0.004	ng	#	35
12) 2-Methylnaphthalene	11.79	142	29	0.004	ng	#	54
16) Acenaphthylene	13.73	152	18	0.002	ng	#	1
17) Acenaphthene	14.07	154	10	0.001	ng	#	82
18) Fluorene	15.06	166	35	0.004	ng	#	81
20) 4-Bromophenyl-phenylether	15.94	248	3	0.001	ng	#	42
21) Hexachlorobenzene	16.11	284	1	0.000	ng	#	38
22) Pentachlorophenol	16.45	266	10	0.035	ng		96
23) Phenanthrene	16.80	178	283	0.016	ng	#	89
24) Anthracene	16.89	178	120	0.009	ng	#	76
26) Fluoranthene	18.83	202	428	0.026	ng	#	96
28) Pyrene	19.20	202	381	0.022	ng		98
30) Benzo(a)anthracene	20.95	228	143	0.010	ng	#	35
31) Chrysene	21.00	228	158	0.009	ng	#	42
32) Bis(2-ethylhexyl)phthalate	20.92	149	3287	0.413	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	42	0.004	ng	#	37
35) Benzo(b)fluoranthene	22.54	252	130	0.009	ng	#	1
36) Benzo(k)fluoranthene	22.54	252	130	0.006	ng	#	1
37) Benzo(a)pyrene	23.12	252	43	0.003	ng	#	1
38) Dibenzo(a,h)anthracene	25.55	278	3	0.000	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	14	0.001	ng	#	1

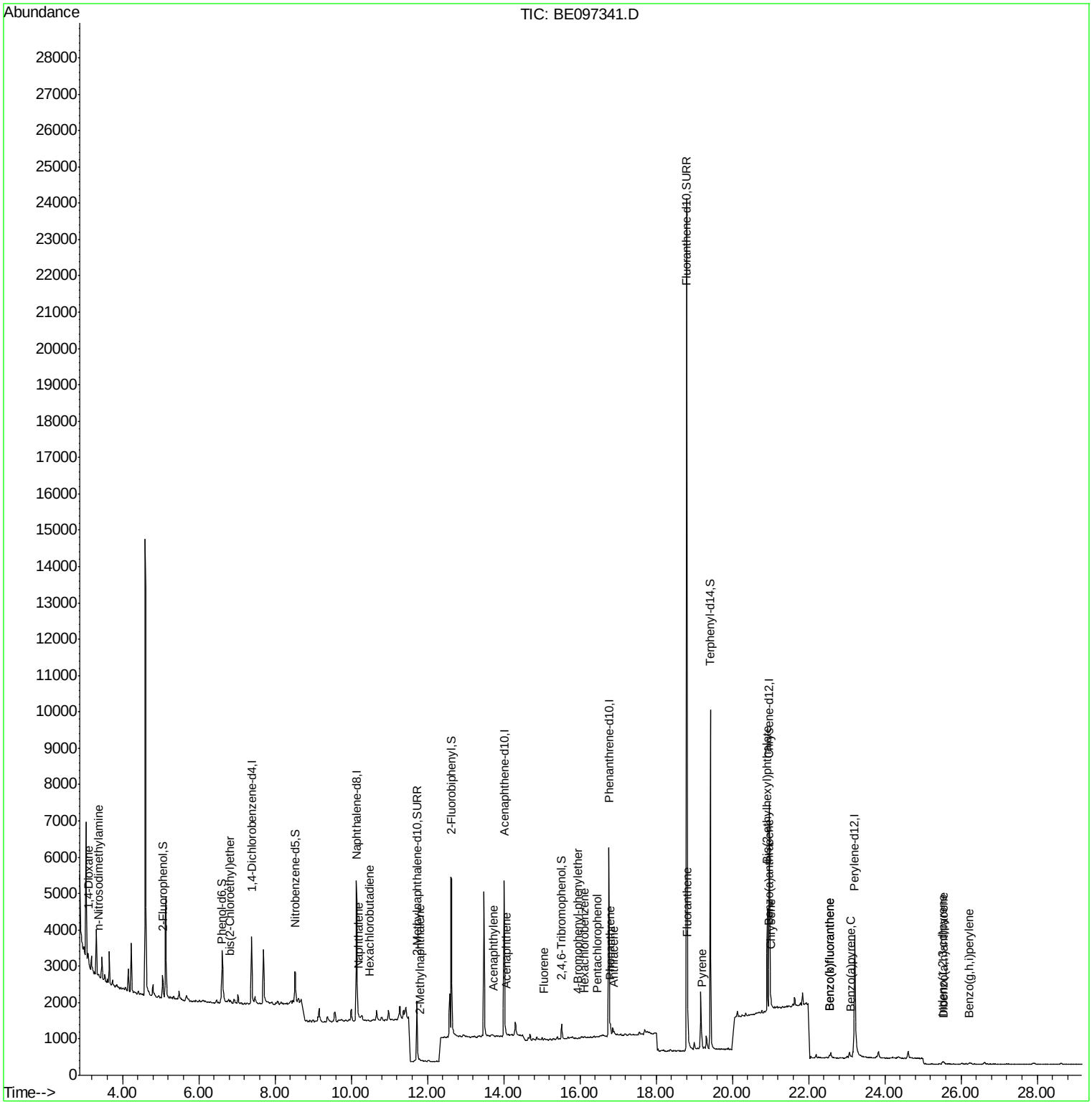
(#) = qualifier out of range (m) = manual integration (+) = signals summed

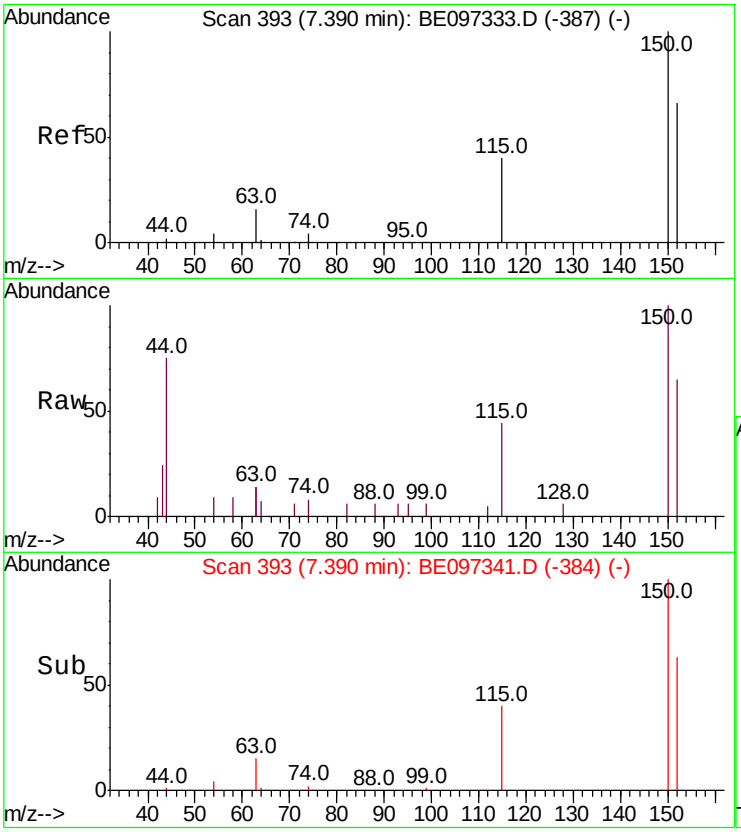
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
Data File : BE097341.D
Acq On : 20 Aug 2018 20:43
Operator : SJ/JU
Sample : J4473-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 21 05:06:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 20 18:32:10 2018
Response via : Initial Calibration



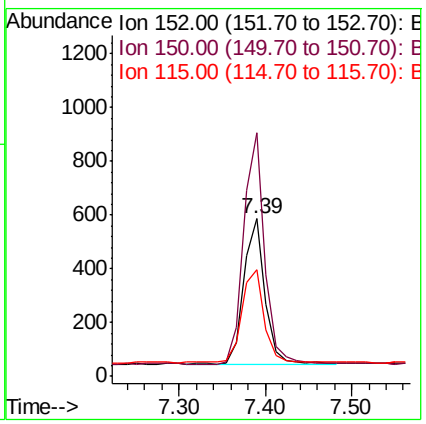


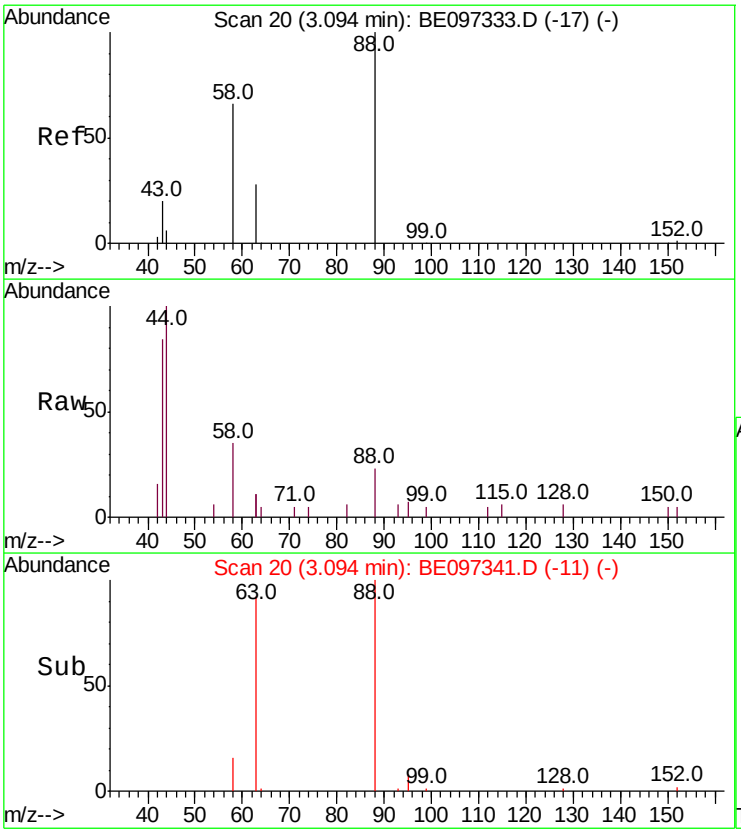
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 923

Ion	Ratio	Lower	Upper
152	100		
150	154.6	117.2	175.8
115	67.4	57.0	85.6

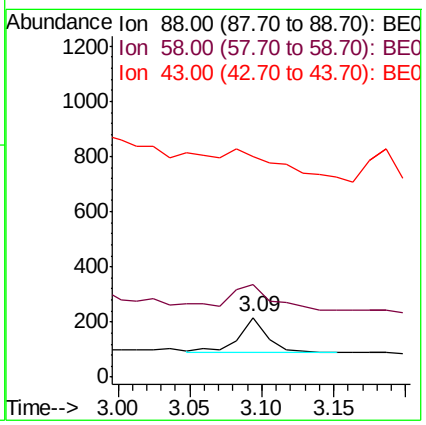


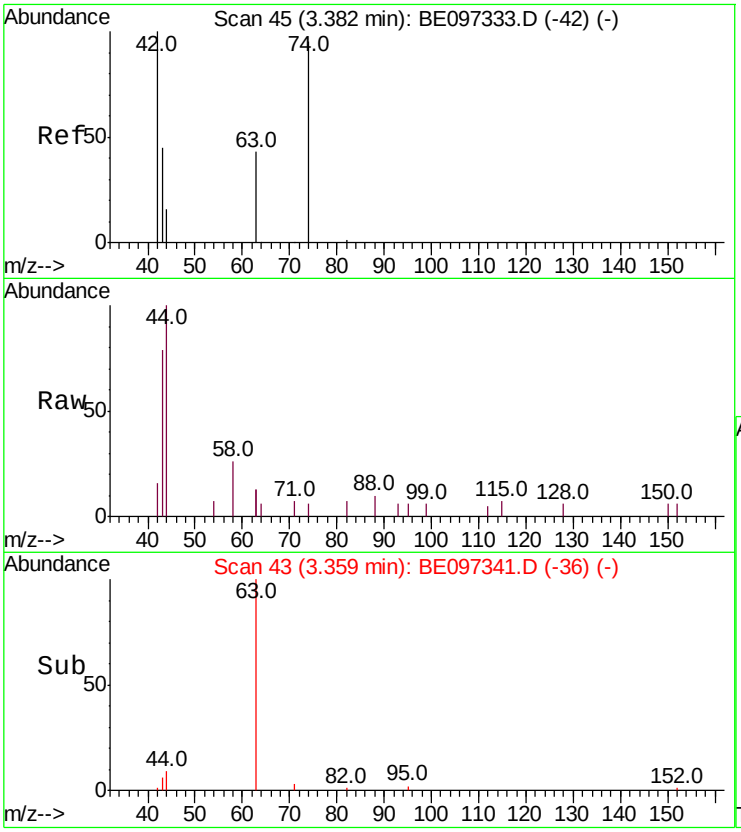


#2
1,4-Dioxane
Concen: 0.111 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion: 88 Resp: 184

Ion	Ratio	Lower	Upper
88	100		
58	92.9	63.2	94.8
43	0.0	41.2	61.8#



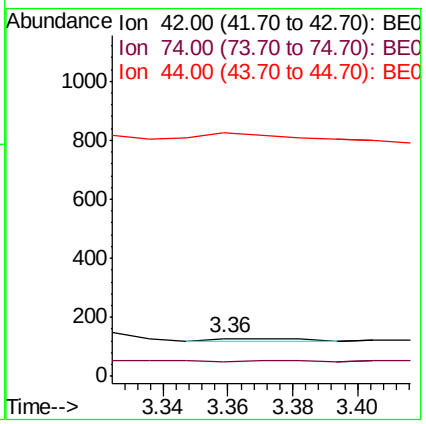


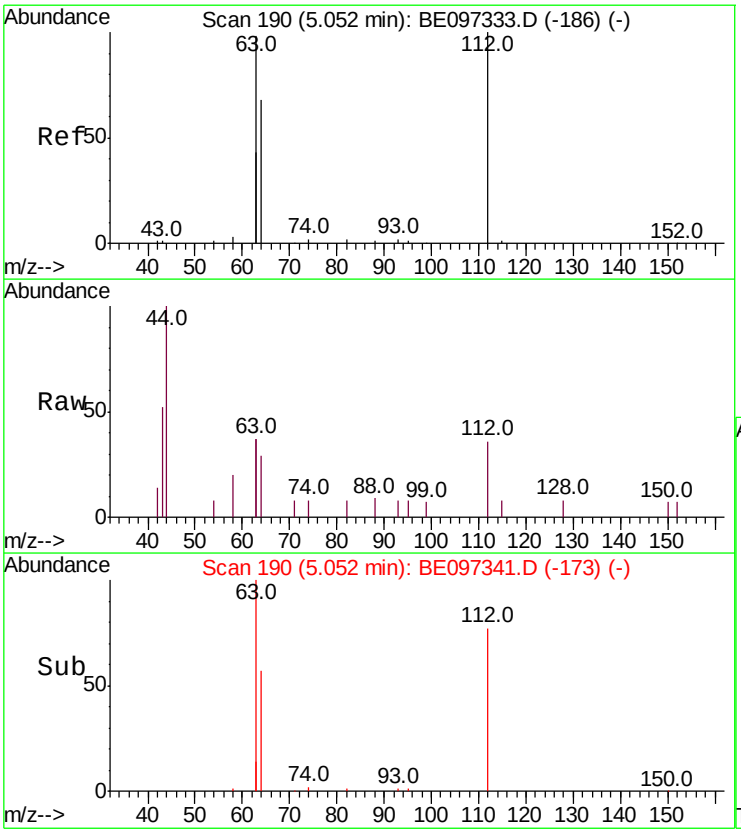
#3
n-Nitrosodimethylamine
Concen: 0.013 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	464.7	12.0	18.0#

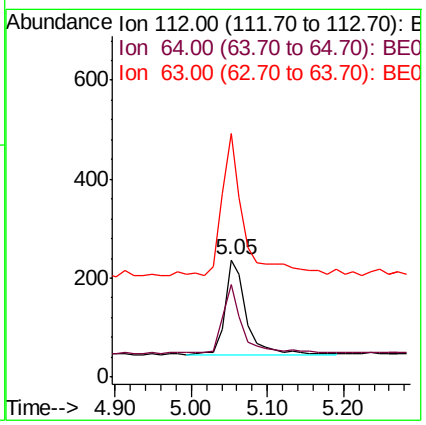


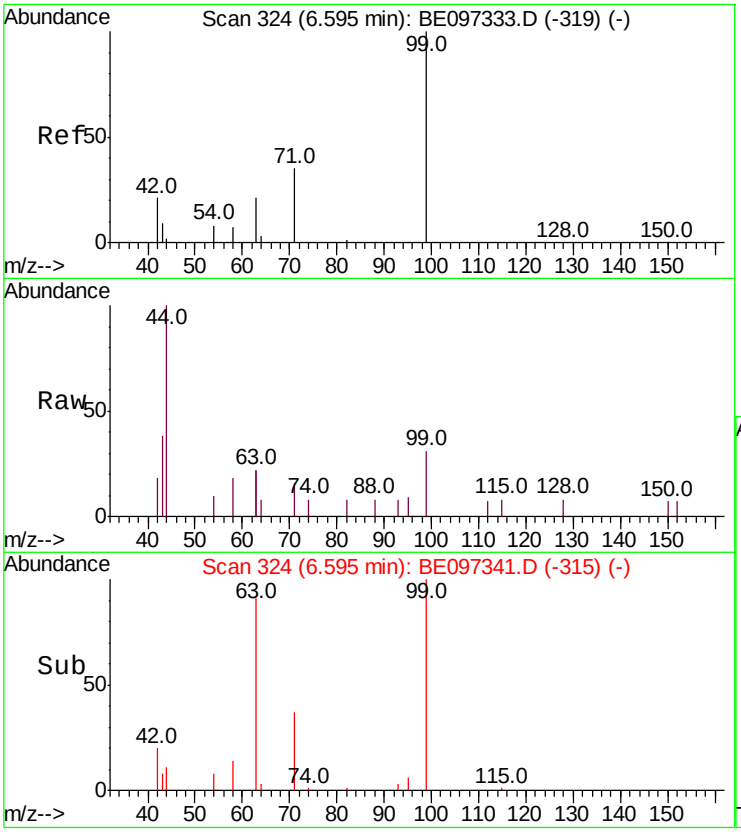


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:112 Resp: 383

Ion	Ratio	Lower	Upper
112	100		
64	64.8	60.1	90.1
63	145.4	116.8	175.2



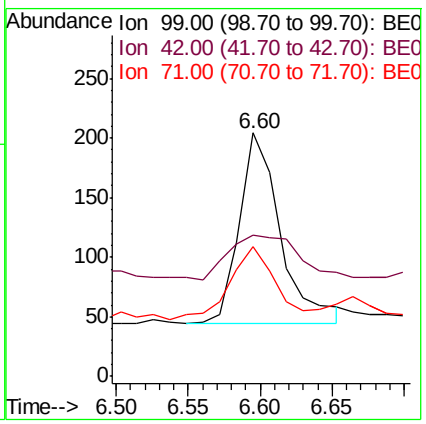


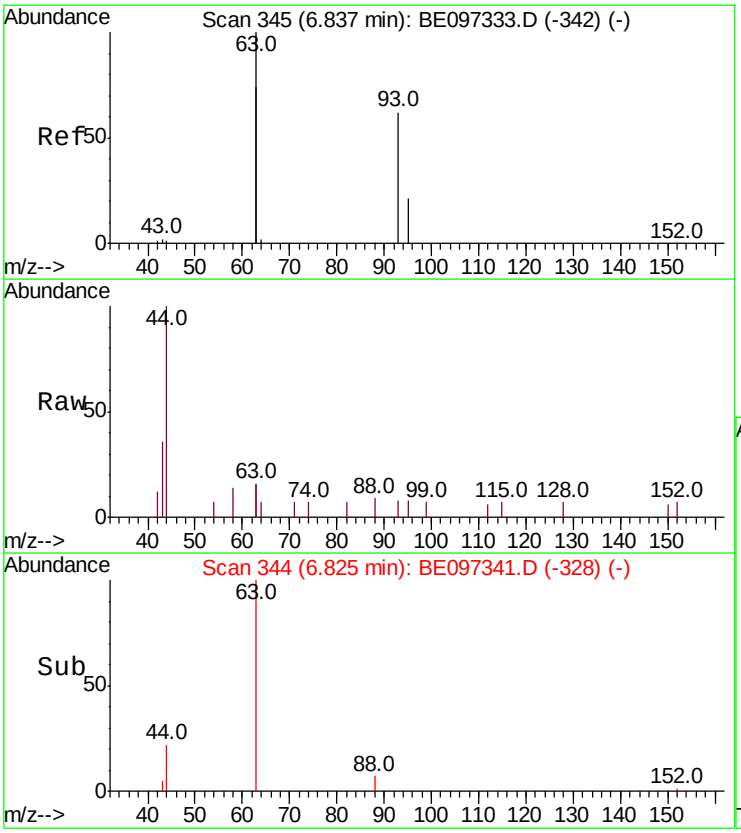
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 314

Ion	Ratio	Lower	Upper
99	100		
42	36.0	20.2	30.2#
71	41.7	28.4	42.6

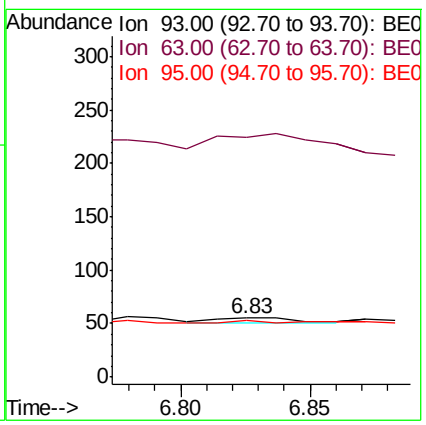


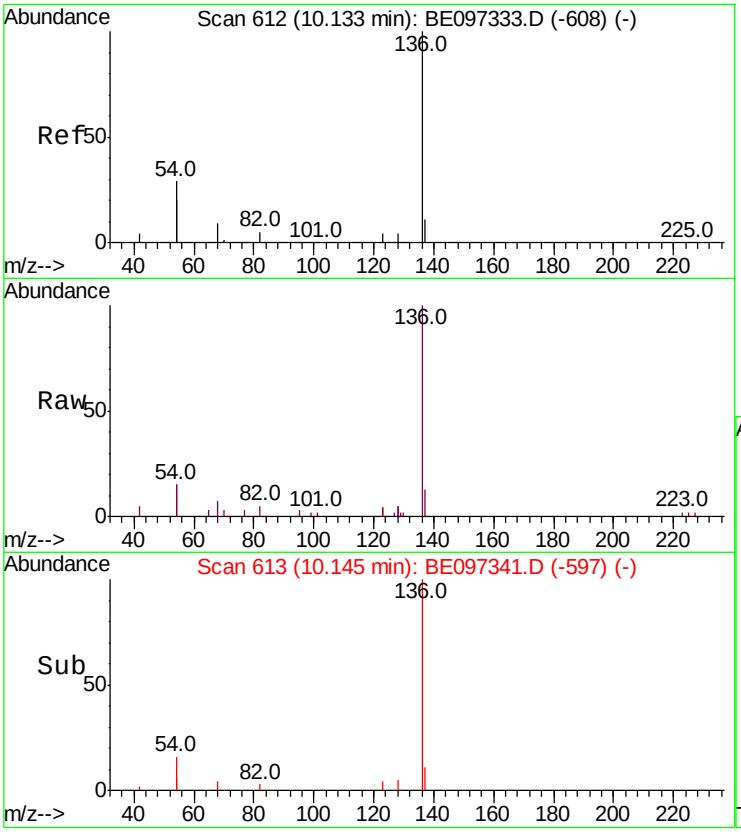


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion: 93 Resp: 11

Ion	Ratio	Lower	Upper
93	100		
63	500.0	275.3	412.9#
95	27.3	25.2	37.8



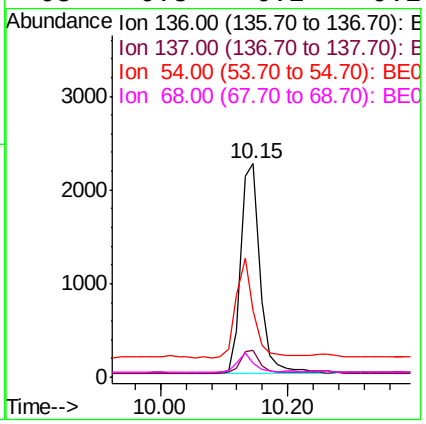


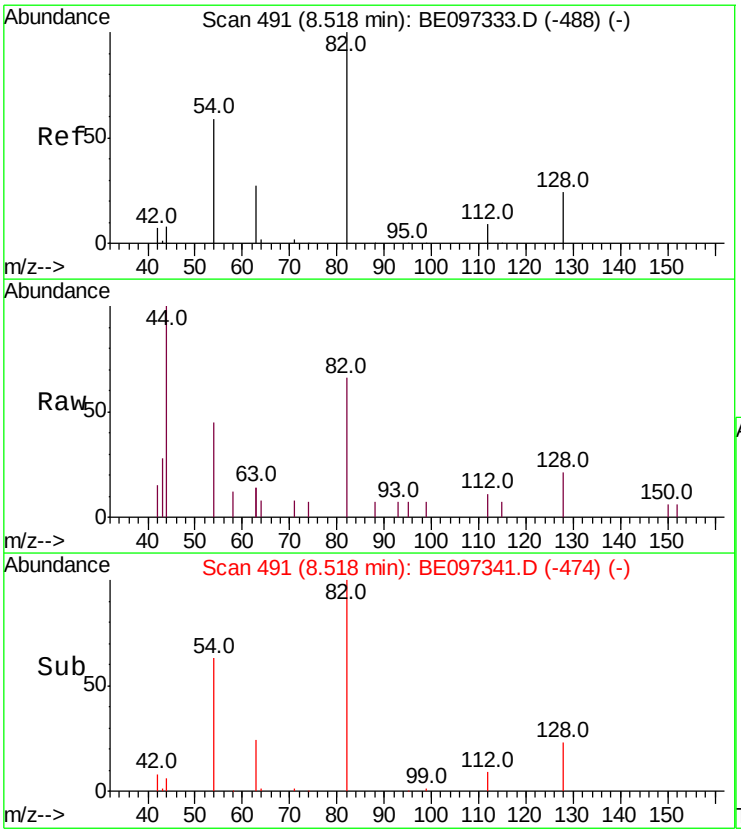
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4708

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	31.0	29.1	43.7
68	6.8	6.2	9.2

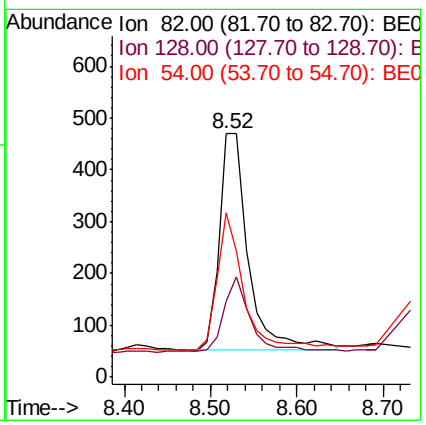


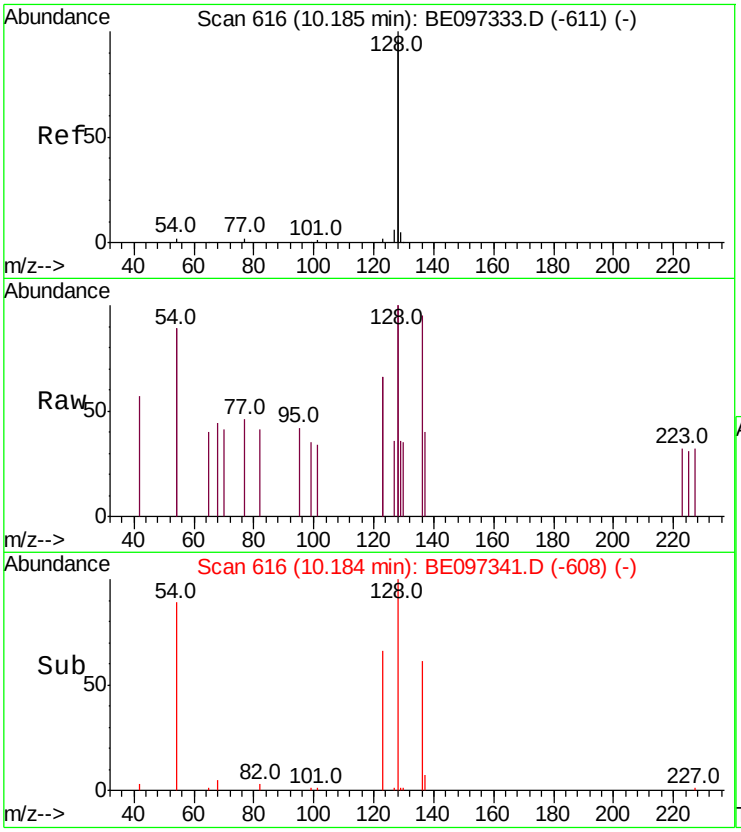


#8
Nitrobenzene-d5
Concen: 0.483 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion: 82 Resp: 973

Ion	Ratio	Lower	Upper
82	100		
128	31.3	24.0	36.0
54	67.7	40.0	60.0#



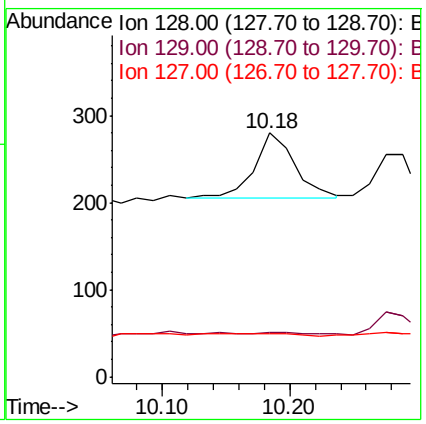


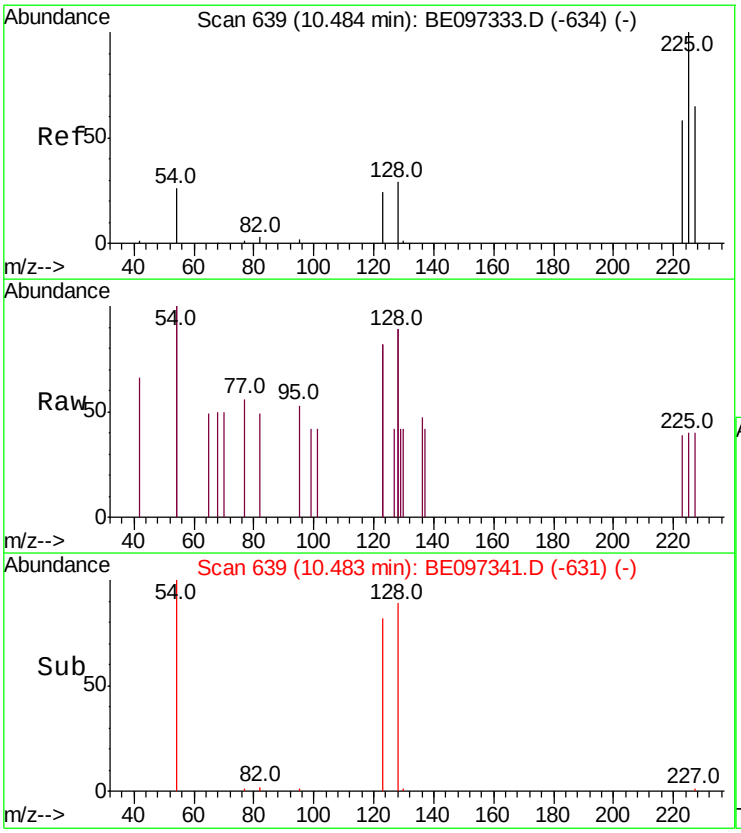
#9
Naphthalene
Concen: 0.004 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 159

Ion	Ratio	Lower	Upper
128	100		
129	18.2	2.6	3.8#
127	17.9	2.8	4.2#

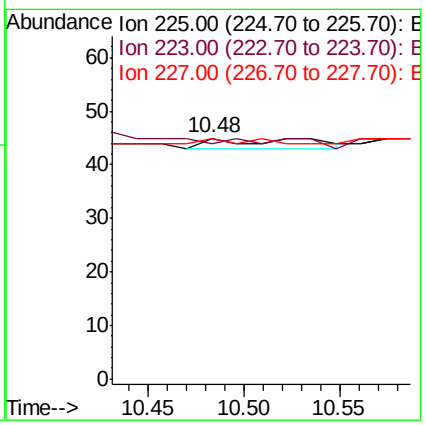


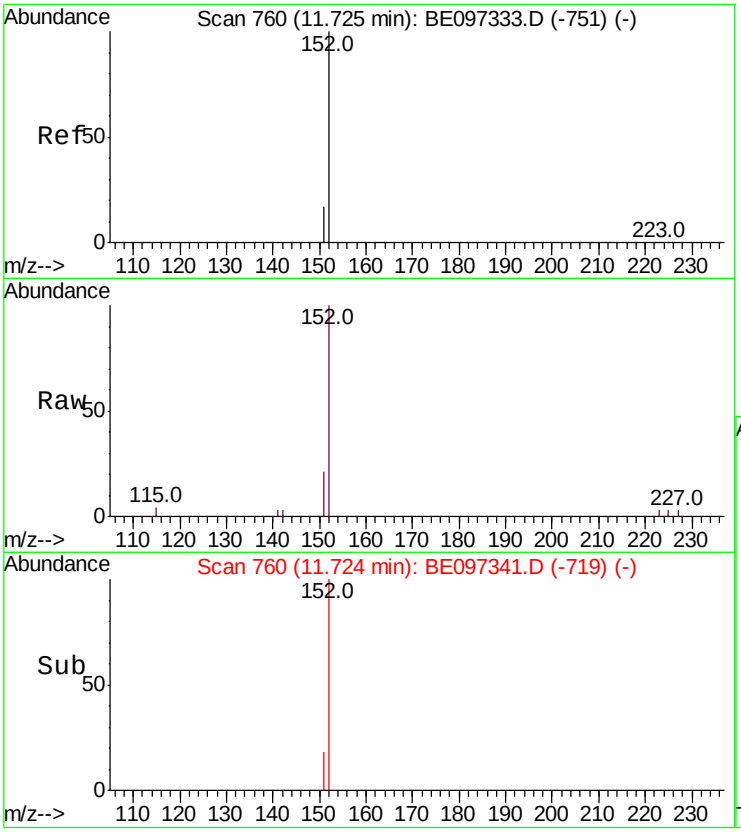


#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:225 Resp: 7

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	28.6	51.4	77.2#



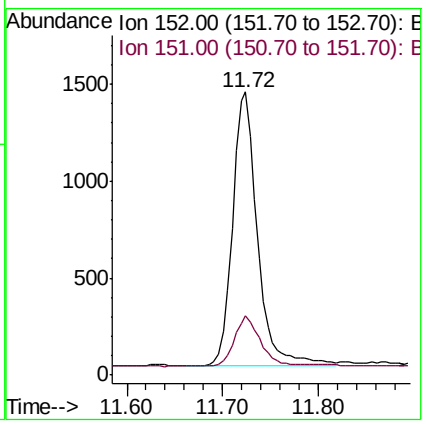


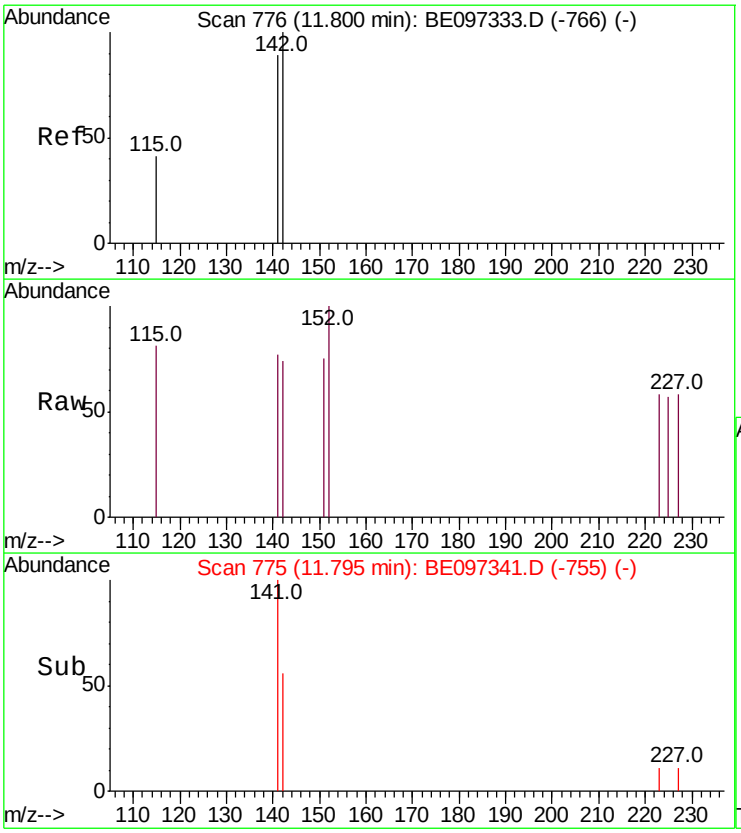
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2570

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

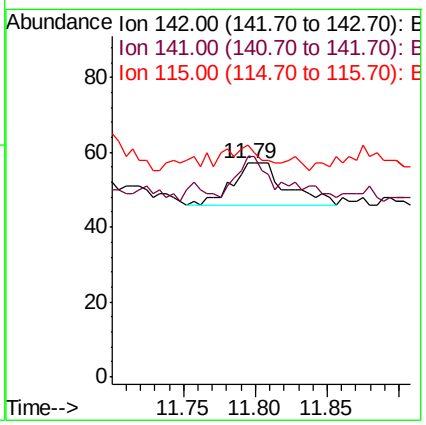


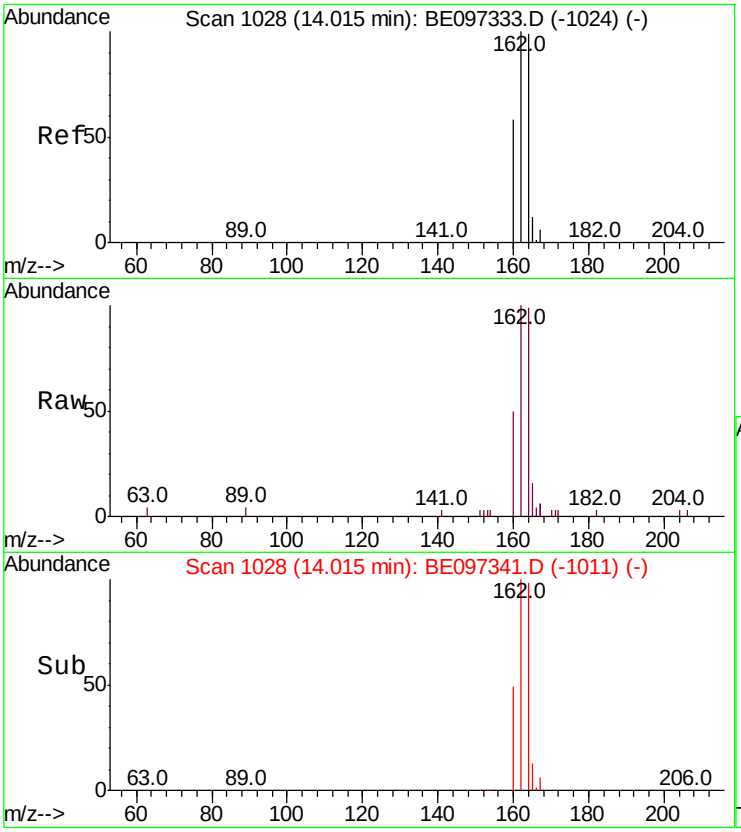


#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 11.79 min Scan# 775
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:142 Resp: 29

Ion	Ratio	Lower	Upper
142	100		
141	103.5	70.4	105.6
115	108.8	31.7	47.5#



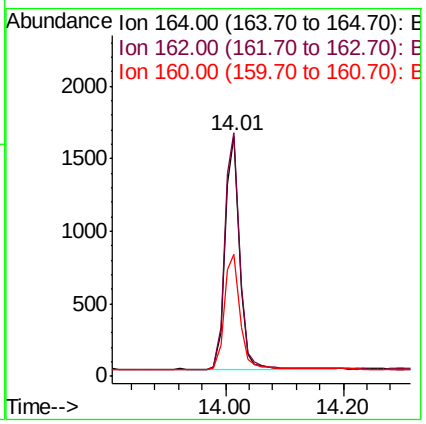


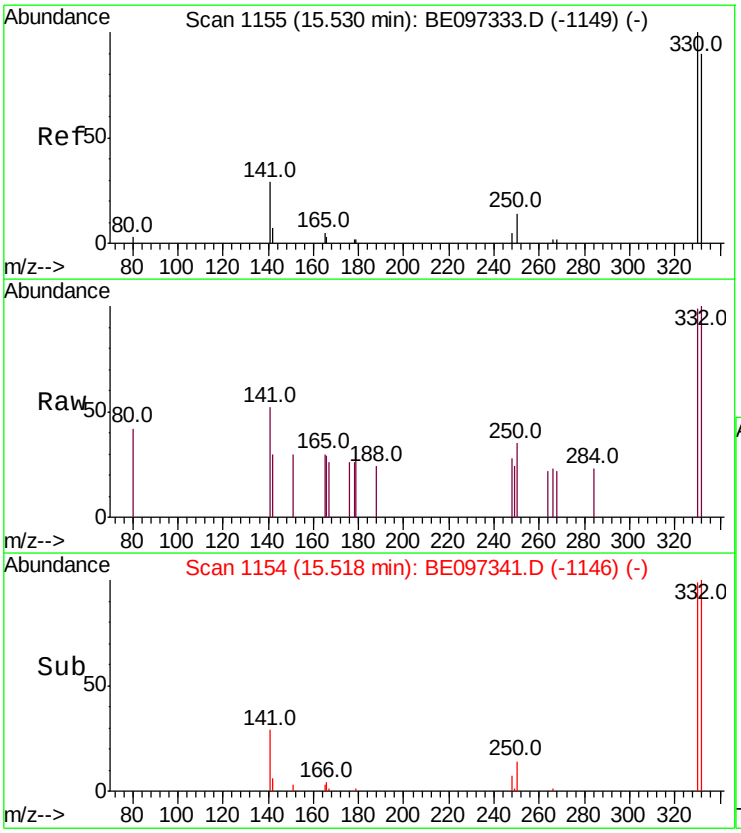
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2749

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.1	124.7
160	51.0	37.1	55.7

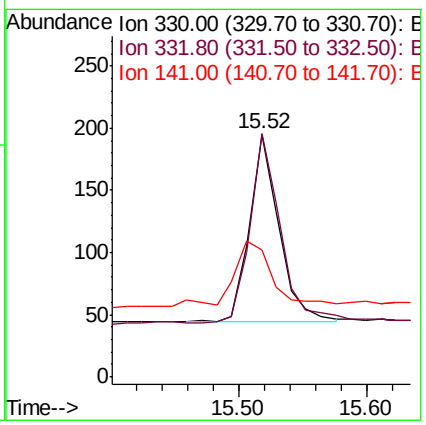


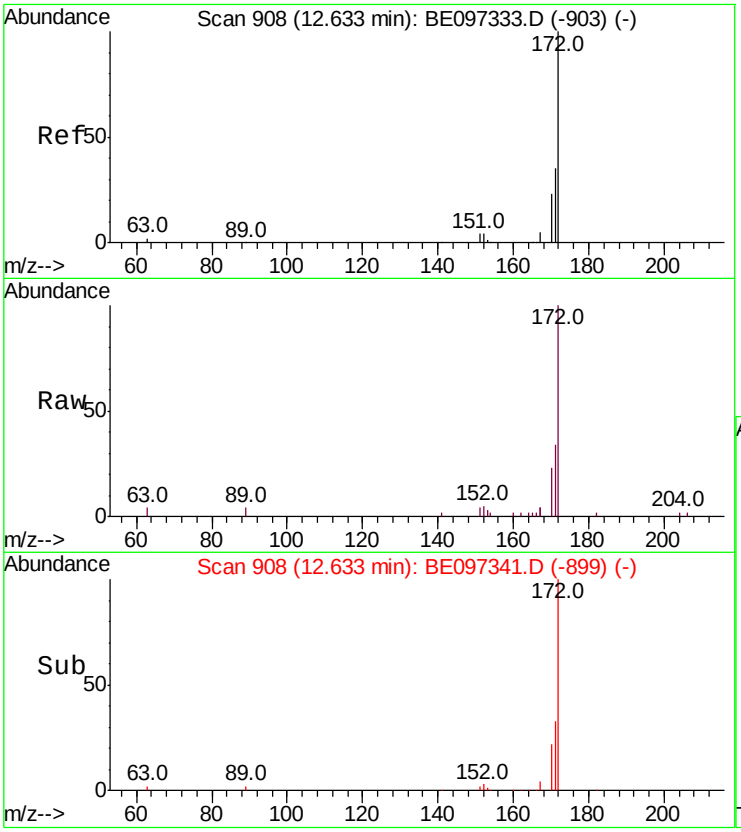


#14
2,4,6-Tribromophenol
Concen: 0.481 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:330 Resp: 246

Ion	Ratio	Lower	Upper
330	100		
332	106.1	152.7	229.1#
141	43.9	33.7	50.5



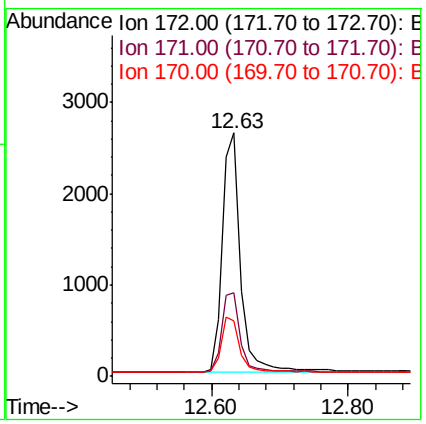


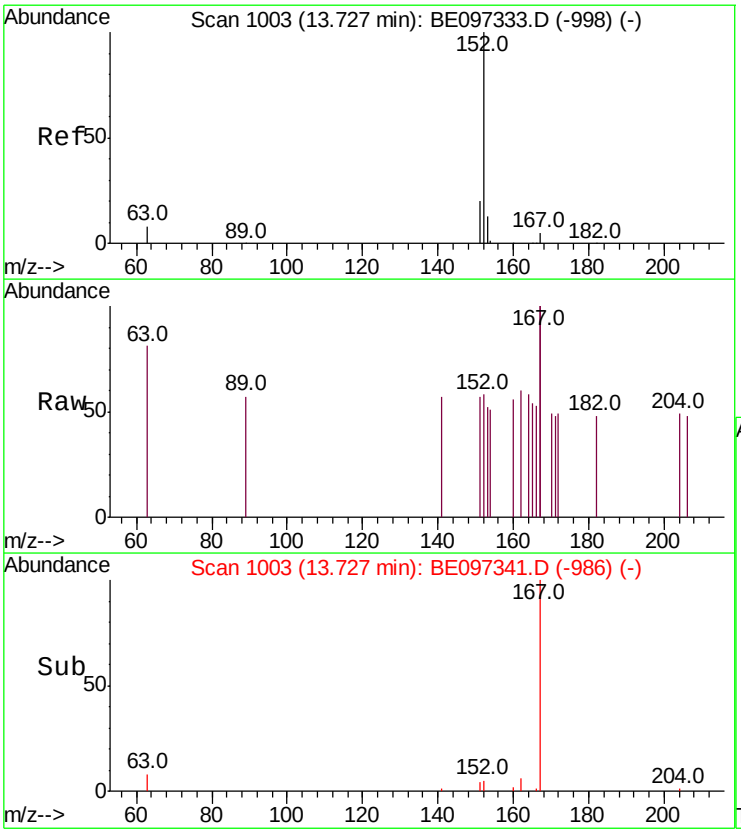
#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5007

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	22.8	21.8	32.8

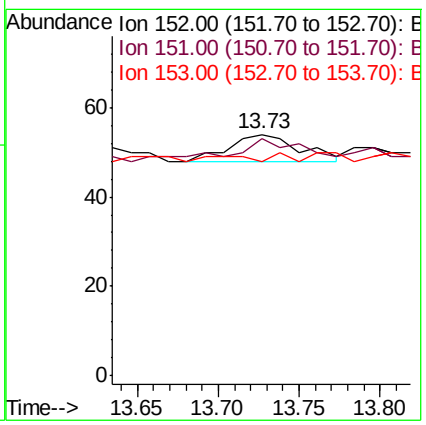


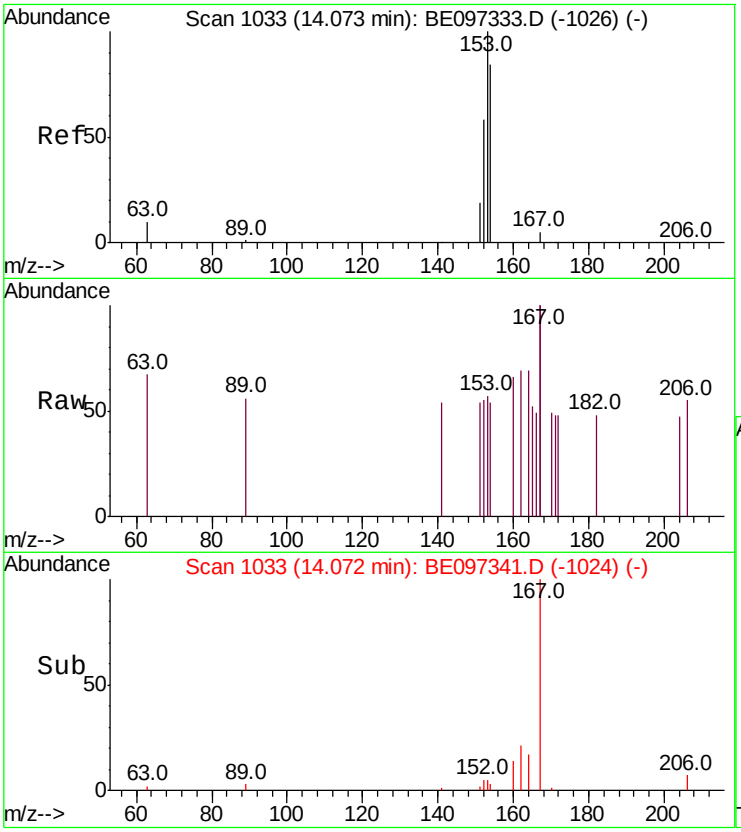


#16
Acenaphthylene
Concen: 0.002 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:152 Resp: 18

Ion	Ratio	Lower	Upper
152	100		
151	88.9	15.7	23.5#
153	22.2	10.5	15.7#



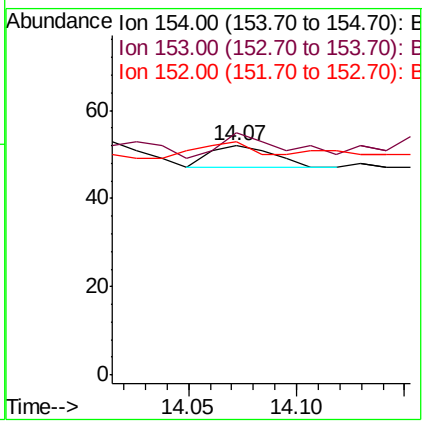


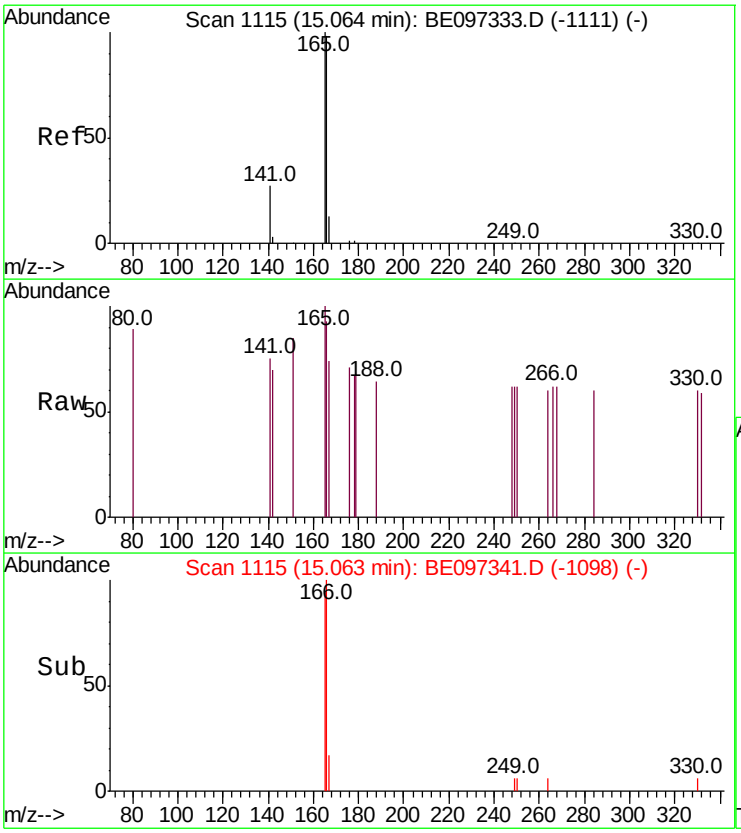
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10

Ion	Ratio	Lower	Upper
154	100		
153	120.0	89.2	133.8
152	80.0	42.0	63.0#

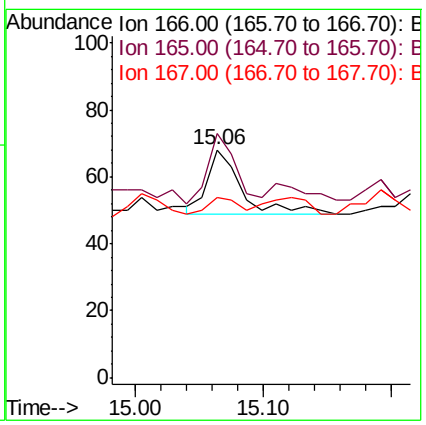


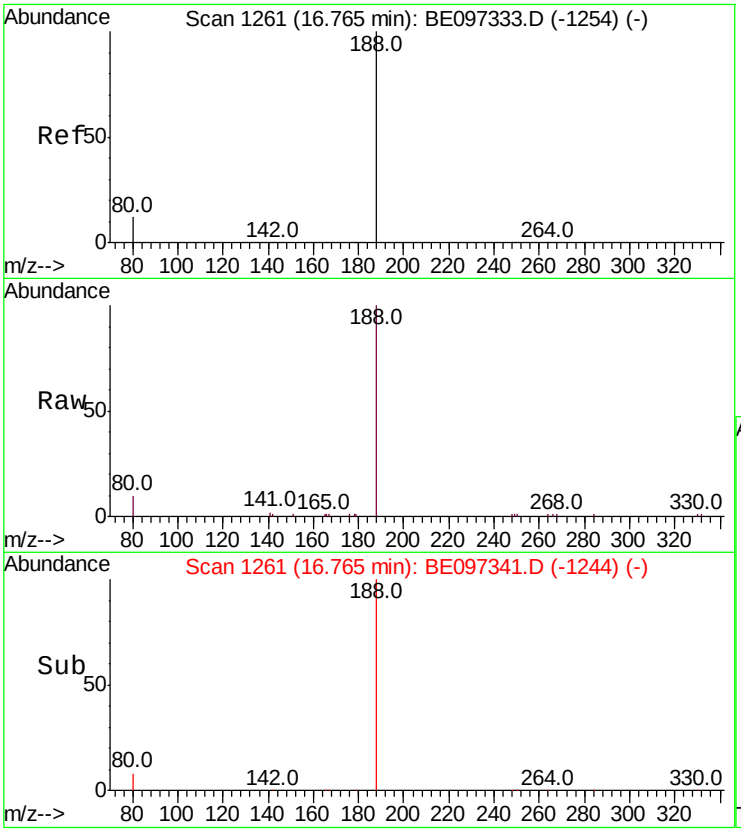


#18
Fluorene
Concen: 0.004 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:166 Resp: 35

Ion	Ratio	Lower	Upper
166	100		
165	91.4	77.8	116.6
167	22.9	42.4	63.6#



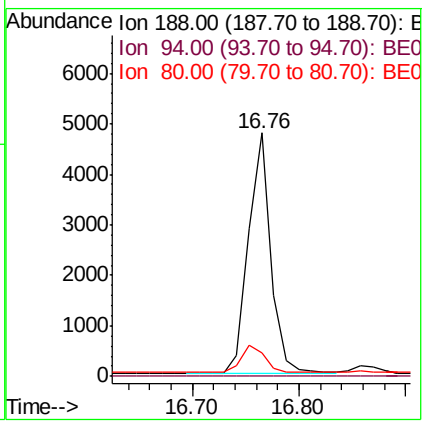


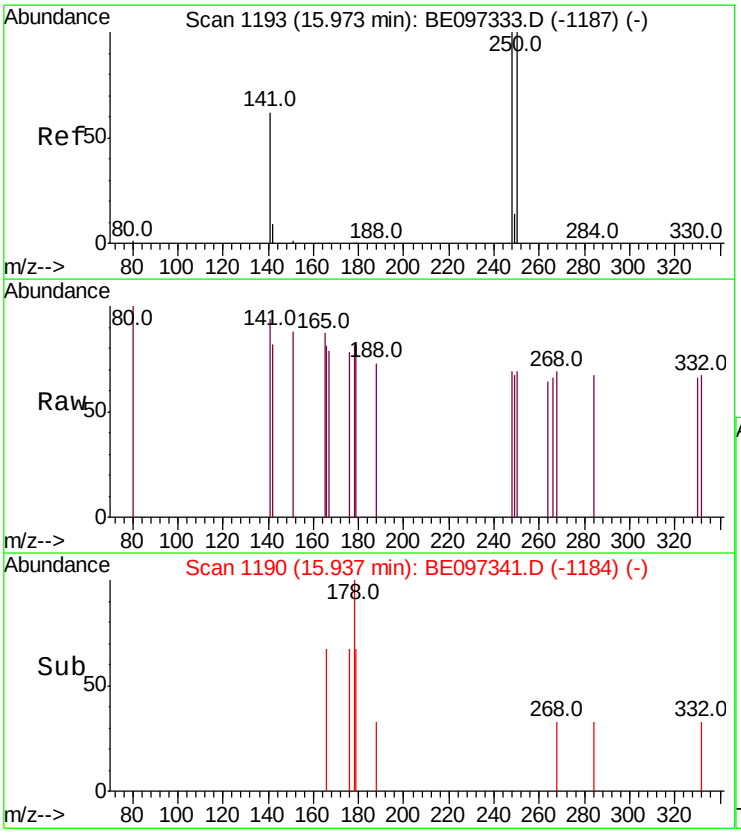
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7050

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.9	3.6	5.4#

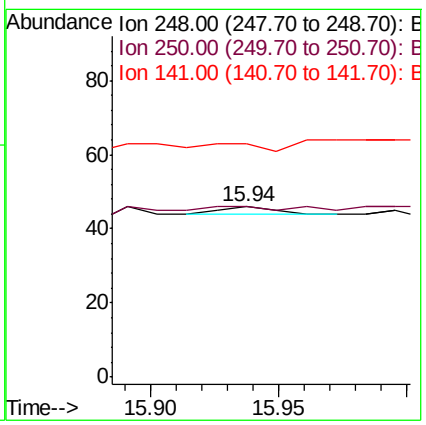


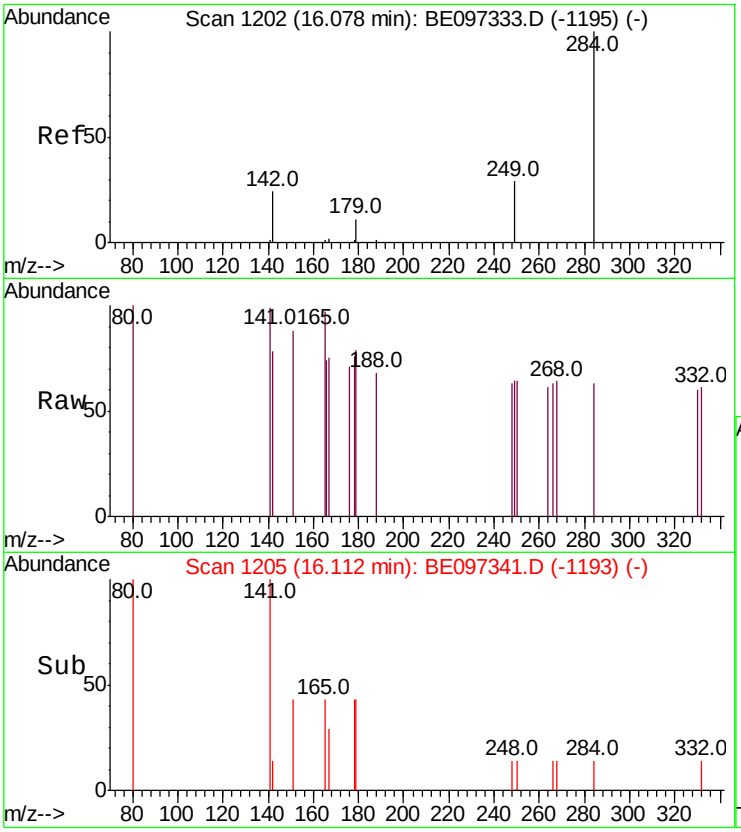


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.94 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	137.0	48.2	72.2#



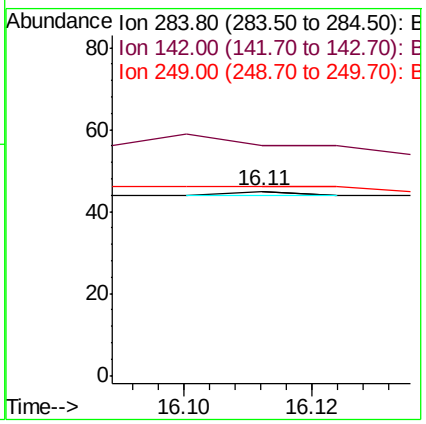


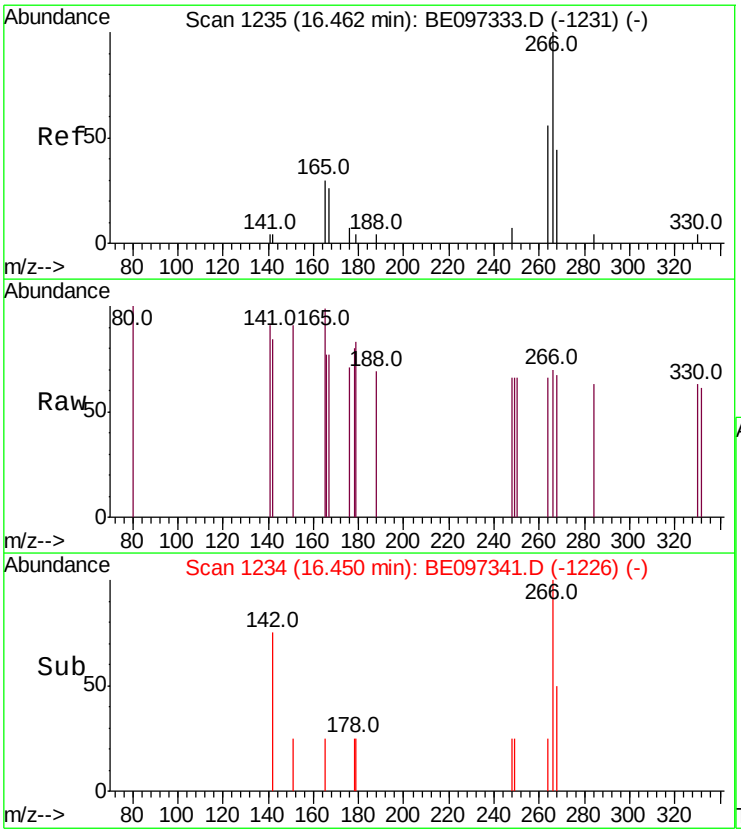
#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.11 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1

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

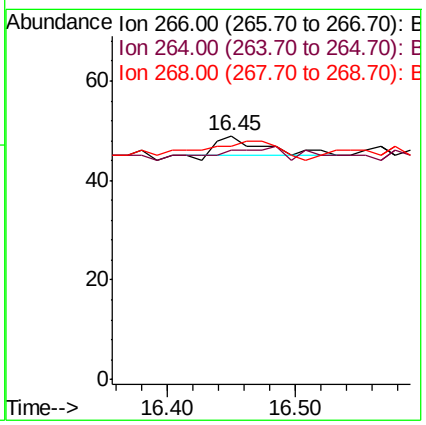


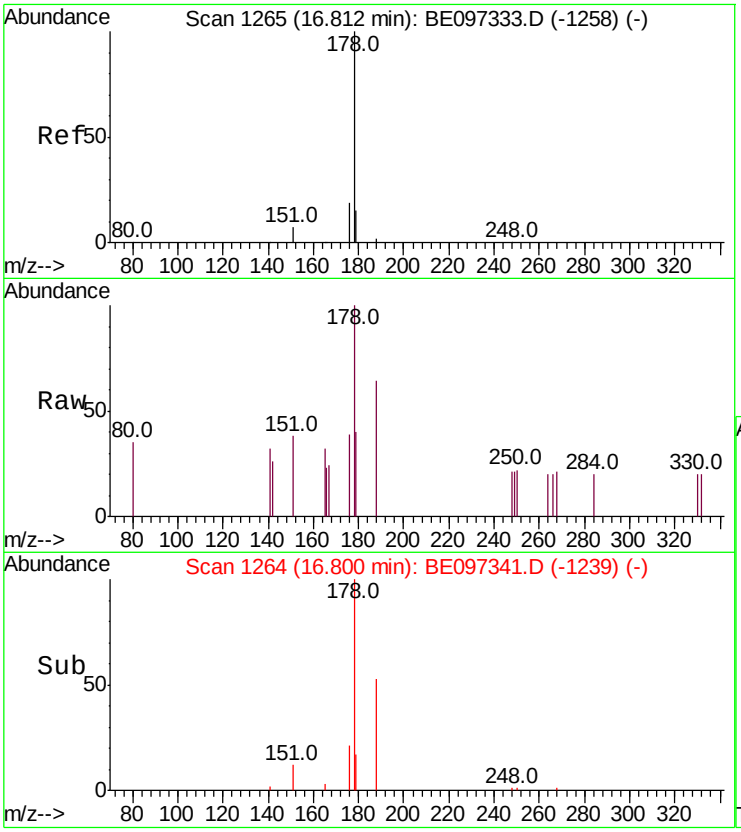


#22
Pentachlorophenol
Concen: 0.035 ng
RT: 16.45 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	93.9	72.5	108.7
268	95.9	73.8	110.6



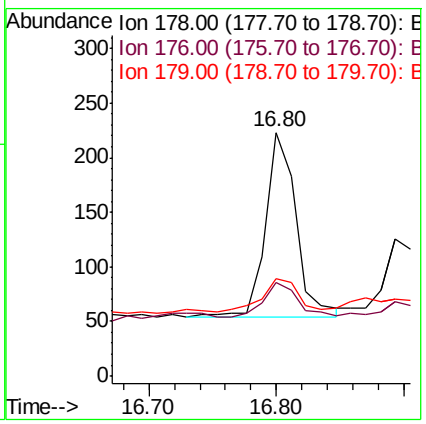


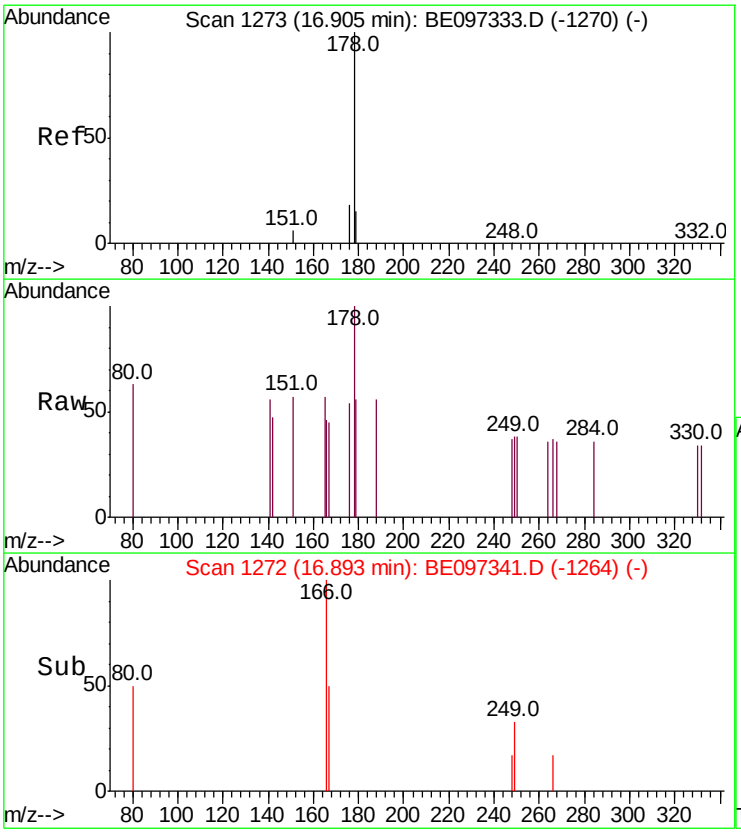
#23
Phenanthrene
Concen: 0.016 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 283

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.1	22.7
179	21.6	11.8	17.6#

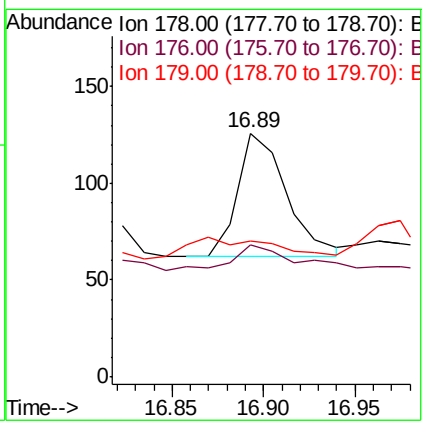


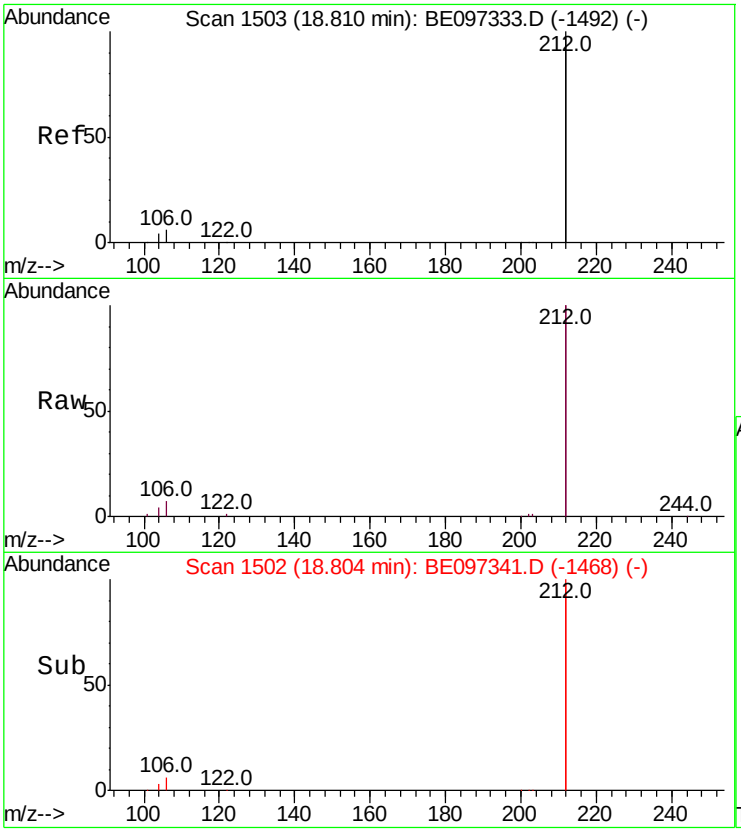


#24
Anthracene
Concen: 0.009 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:178 Resp: 120

Ion	Ratio	Lower	Upper
178	100		
176	20.0	12.8	19.2#
179	0.0	13.0	19.6#



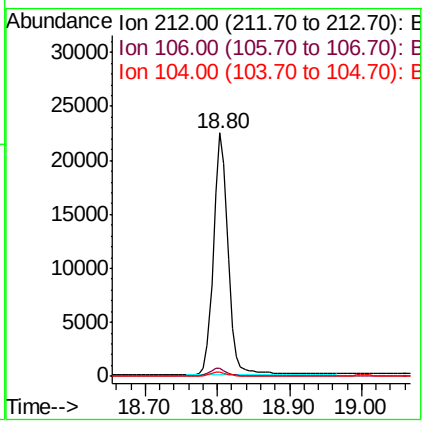


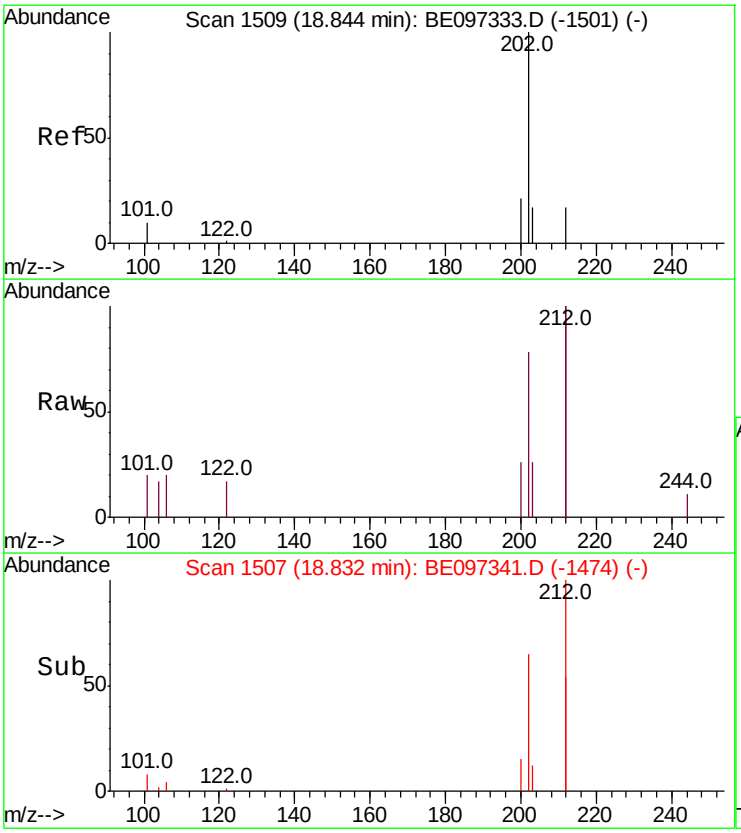
#25
Fluoranthene-d10
Concen: 0.493 ng
RT: 18.80 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30992

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

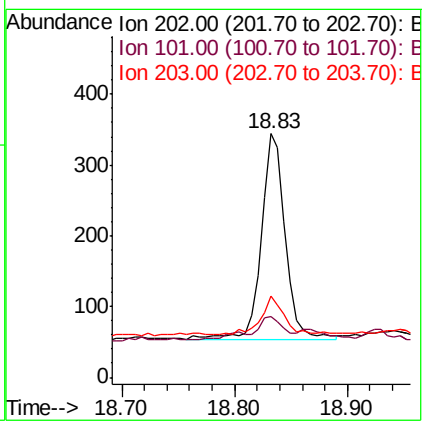


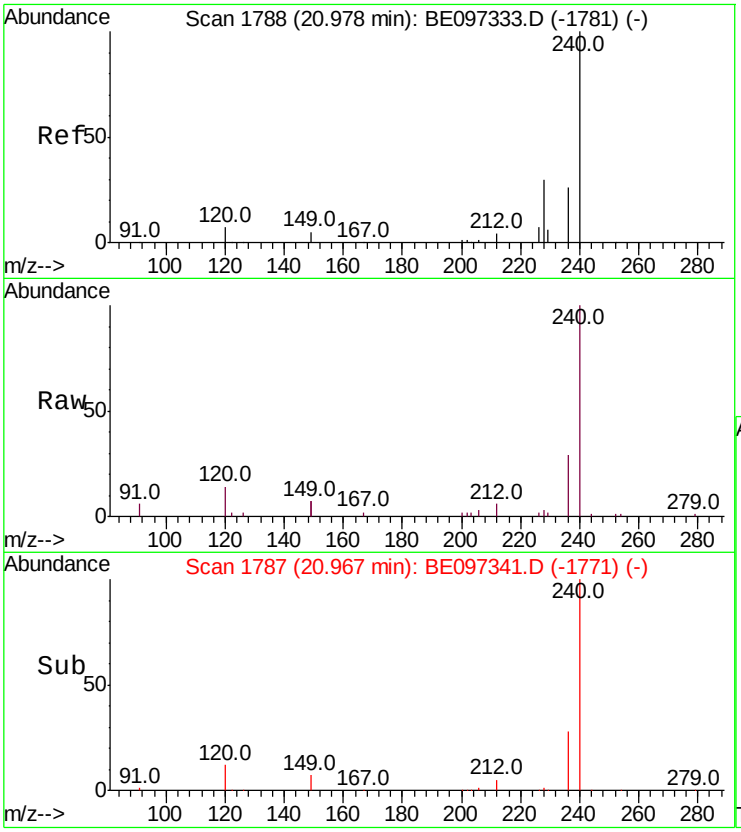


#26
Fluoranthene
Concen: 0.026 ng
RT: 18.83 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:202 Resp: 428

Ion	Ratio	Lower	Upper
202	100		
101	8.4	9.8	14.8#
203	17.3	13.7	20.5



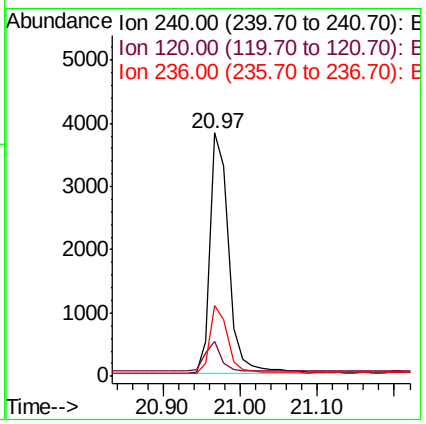


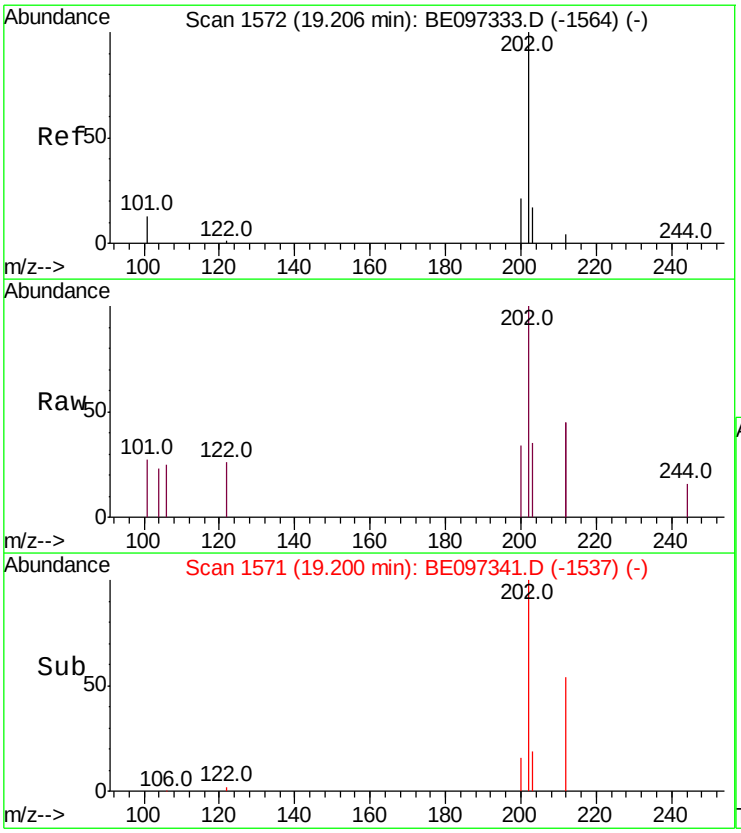
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6527

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.5	8.3#
236	28.9	20.7	31.1

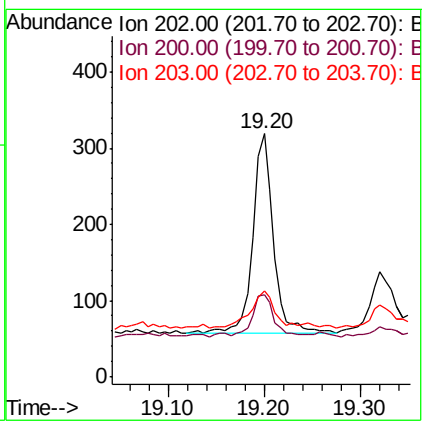


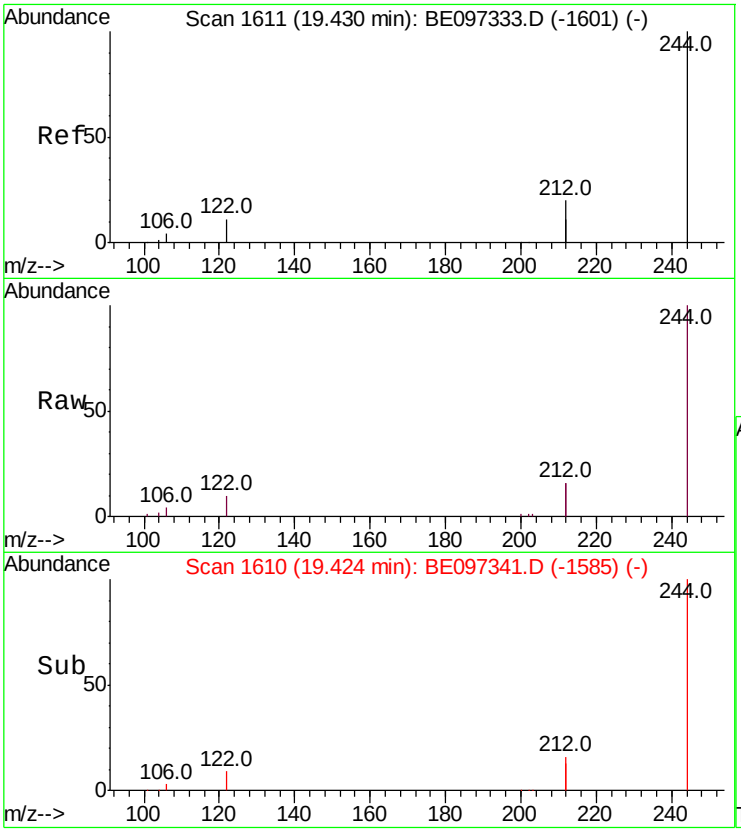


#28
Pyrene
Concen: 0.022 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:202 Resp: 381

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	19.4	13.8	20.8



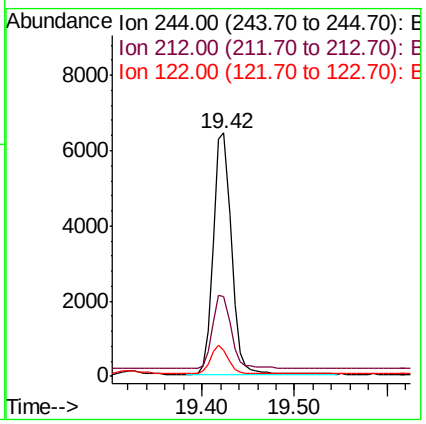


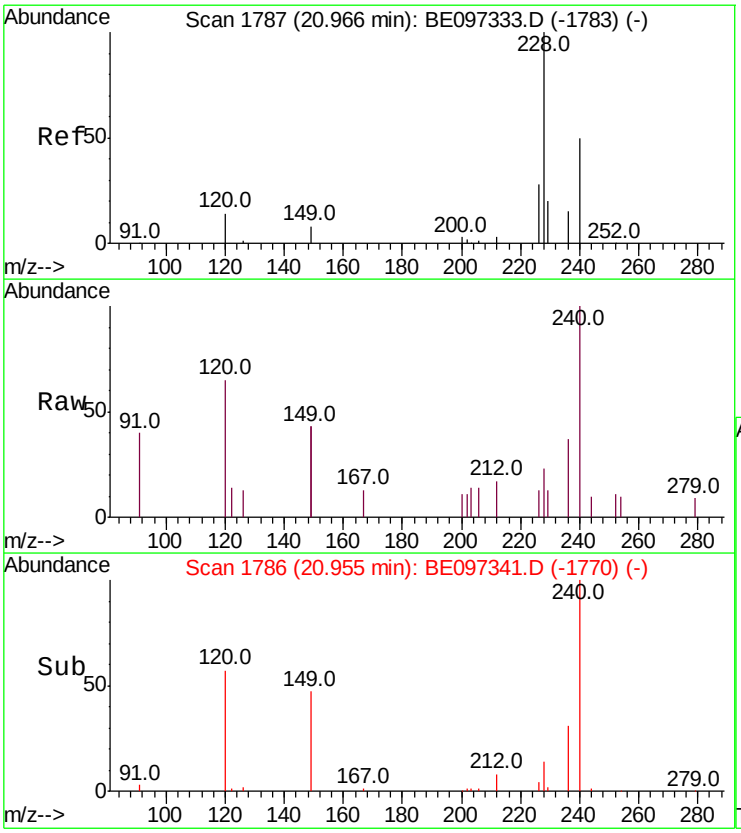
#29
Terphenyl-d14
Concen: 0.661 ng
RT: 19.42 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8637

Ion	Ratio	Lower	Upper
244	100		
212	32.7	25.4	38.0
122	10.5	8.1	12.1

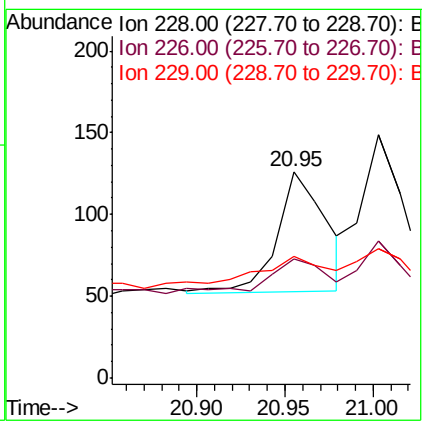


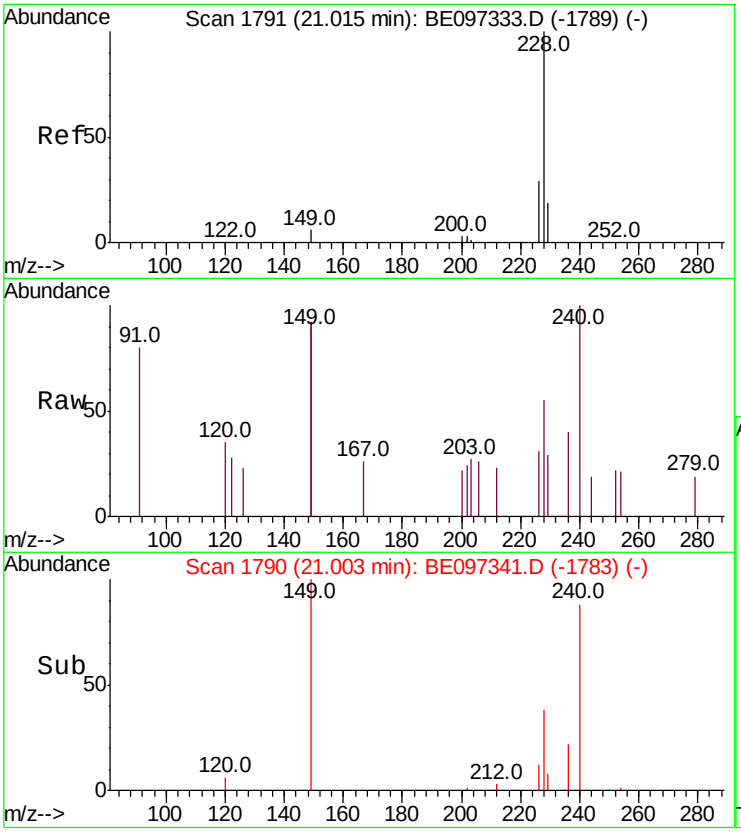


#30
Benzo(a)anthracene
Concen: 0.010 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:228 Resp: 143

Ion	Ratio	Lower	Upper
228	100		
226	57.9	24.0	36.0#
229	58.7	16.0	24.0#



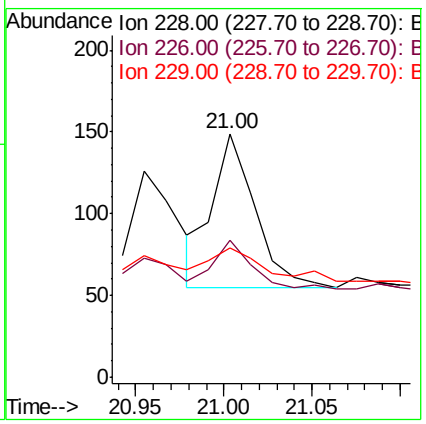


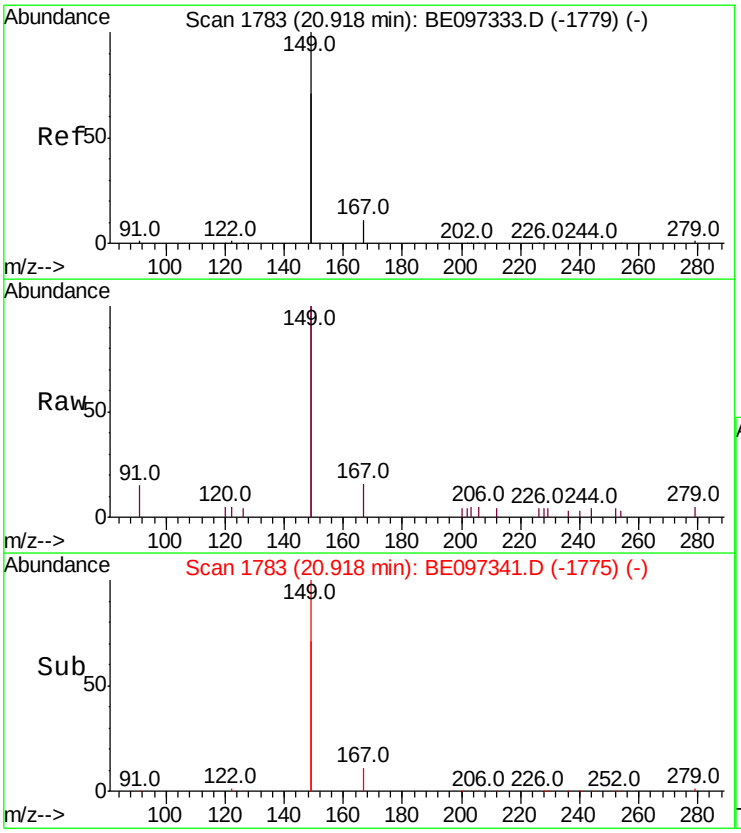
#31
Chrysene
Concen: 0.009 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 158

Ion	Ratio	Lower	Upper
228	100		
226	56.4	24.0	36.0#
229	53.0	16.0	24.0#

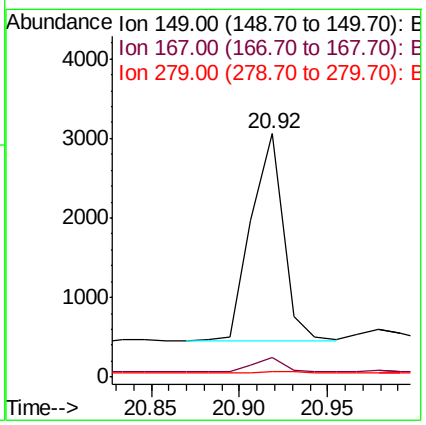


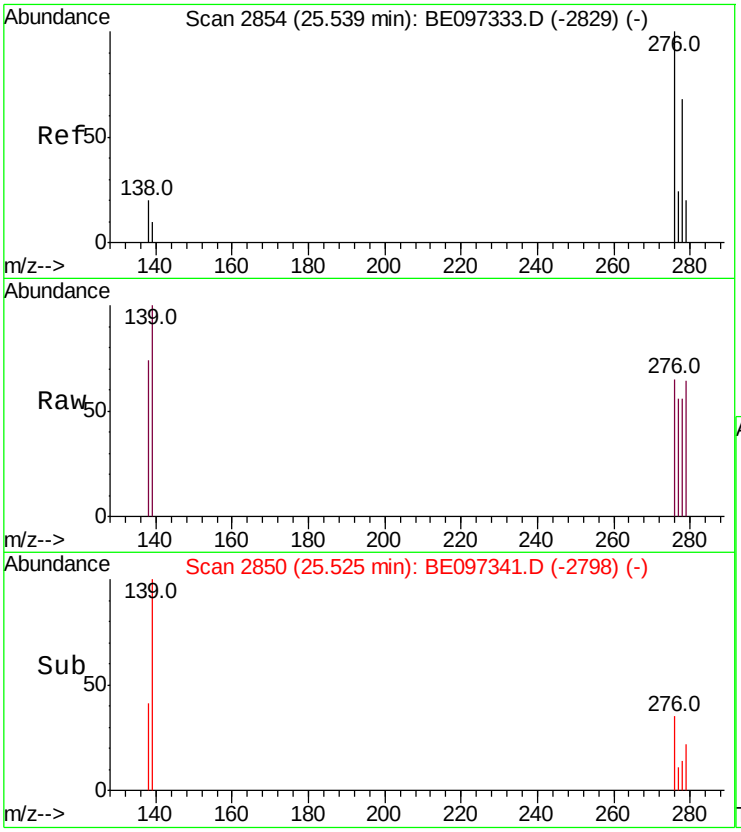


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.413 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:149 Resp: 3287

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.2	0.7	1.1#



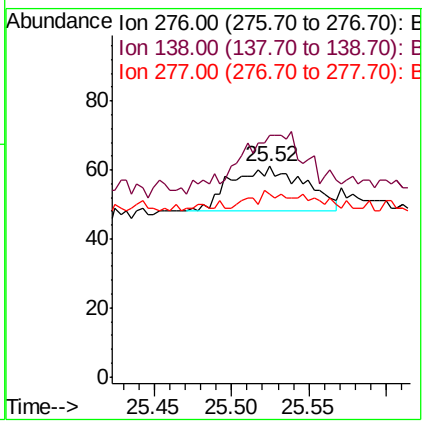


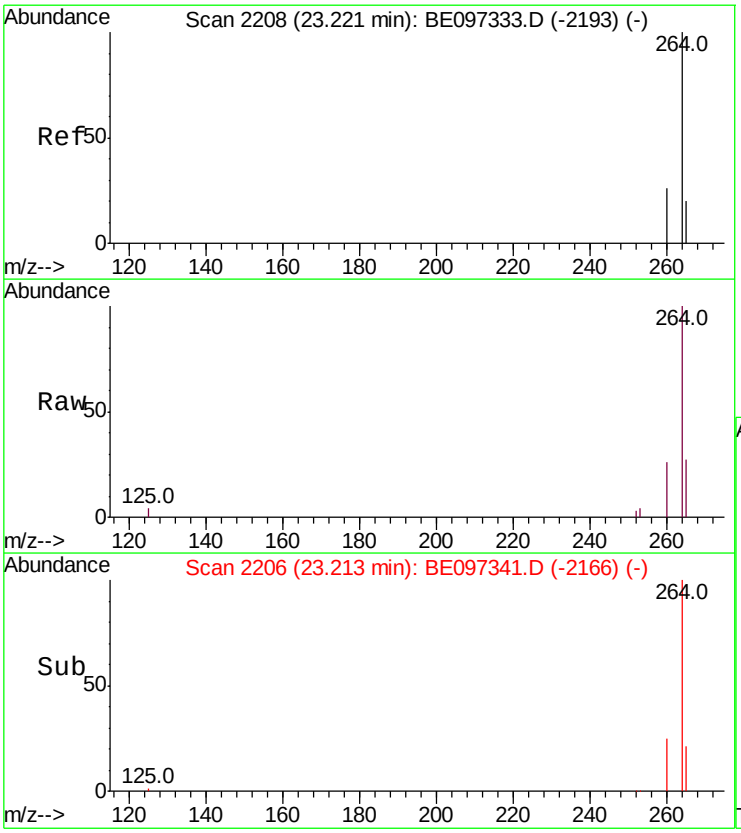
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 25.52 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 42

Ion	Ratio	Lower	Upper
276	100		
138	83.3	22.5	33.7#
277	16.7	19.9	29.9#

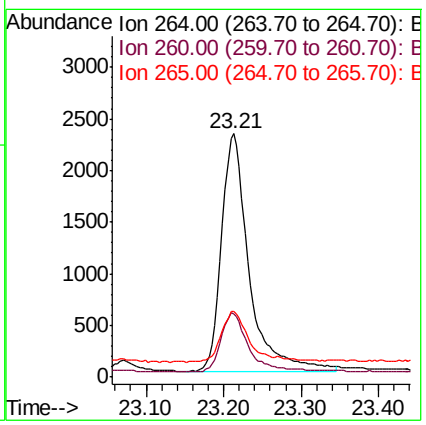


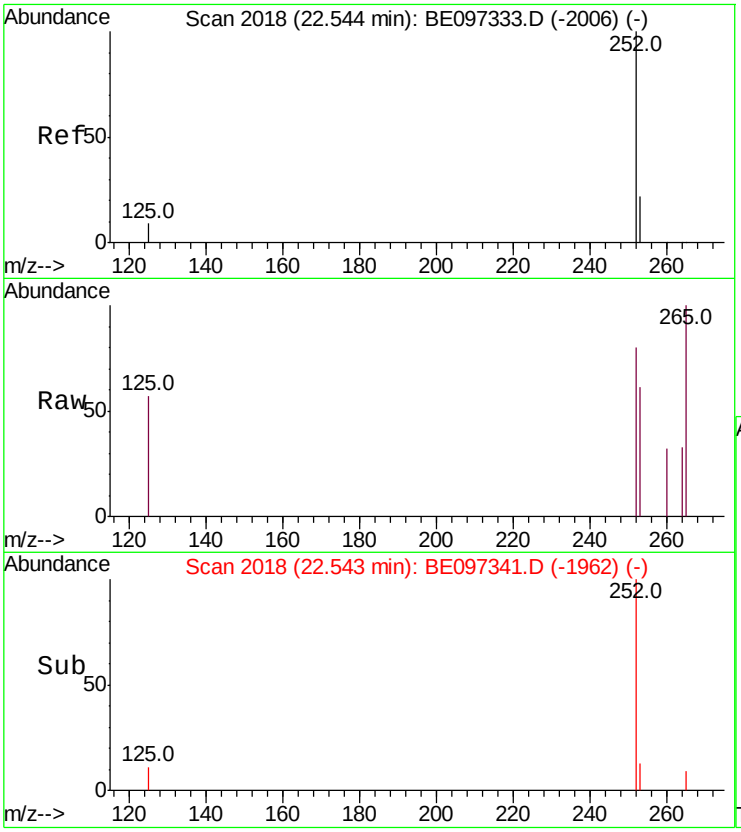


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:264 Resp: 5698

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	26.9	22.8	34.2



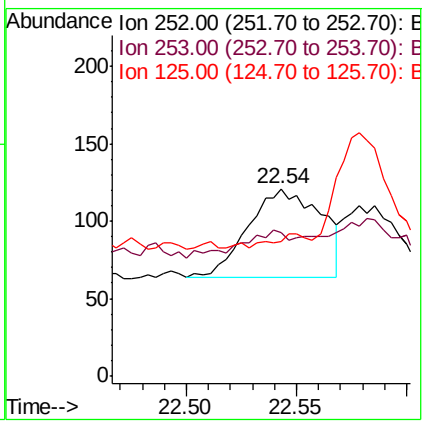


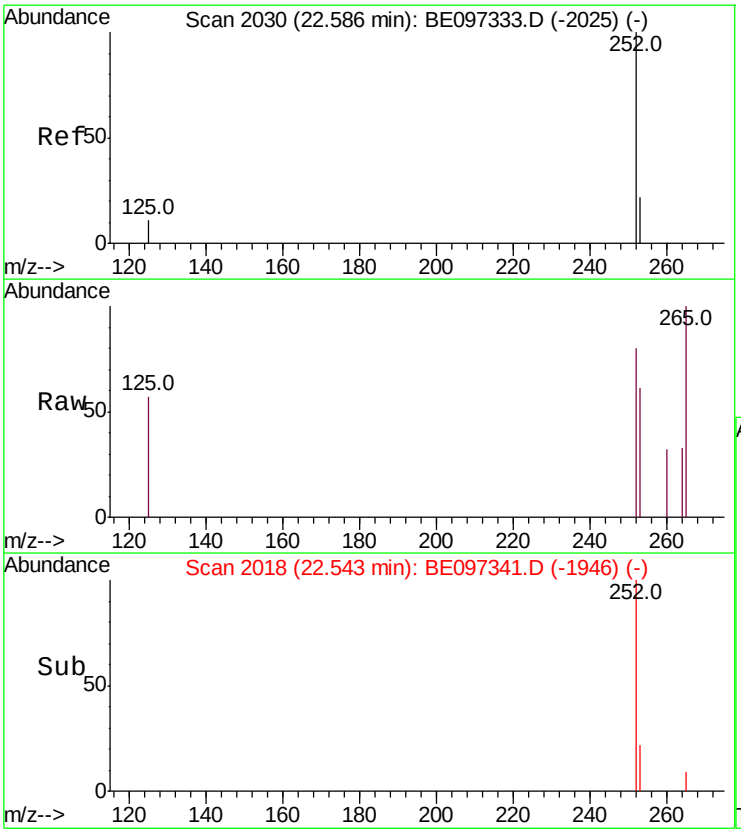
#35
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 22.54 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 130

Ion	Ratio	Lower	Upper
252	100		
253	76.9	20.0	30.0#
125	71.9	16.0	24.0#

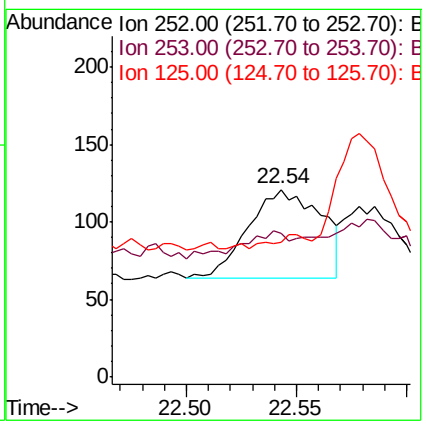


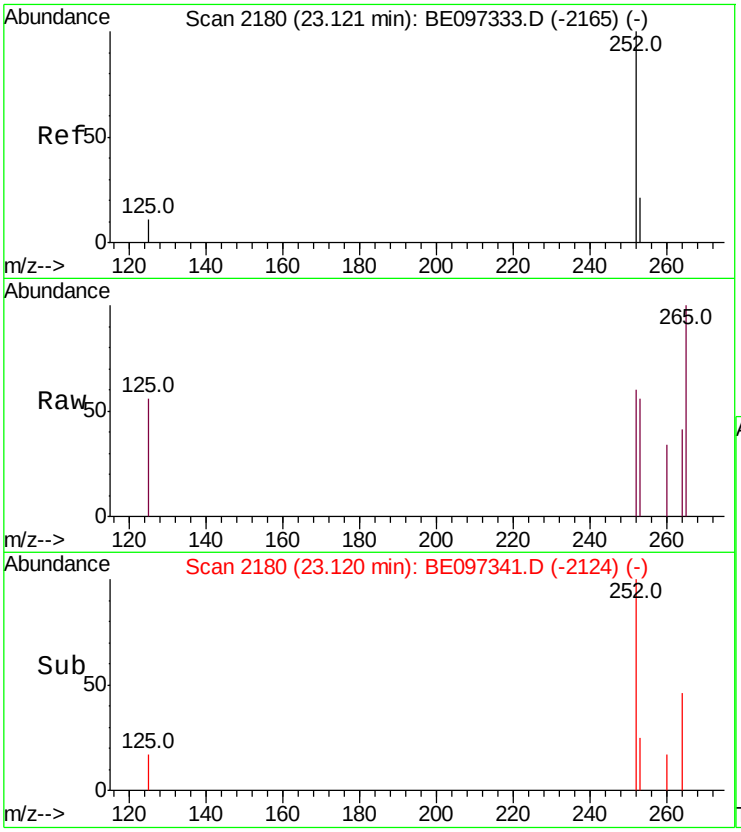


#36
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 22.54 min Scan# 2018
Delta R.T. -0.04 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:252 Resp: 130

Ion	Ratio	Lower	Upper
252	100		
253	76.9	16.0	24.0#
125	71.9	8.0	12.0#



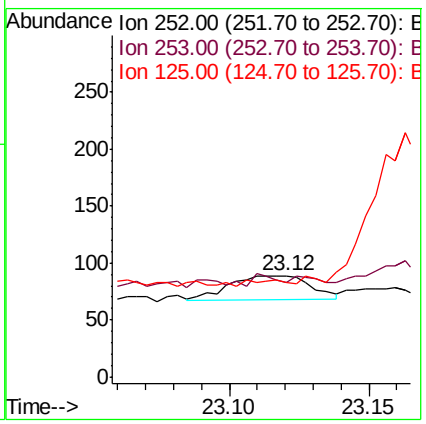


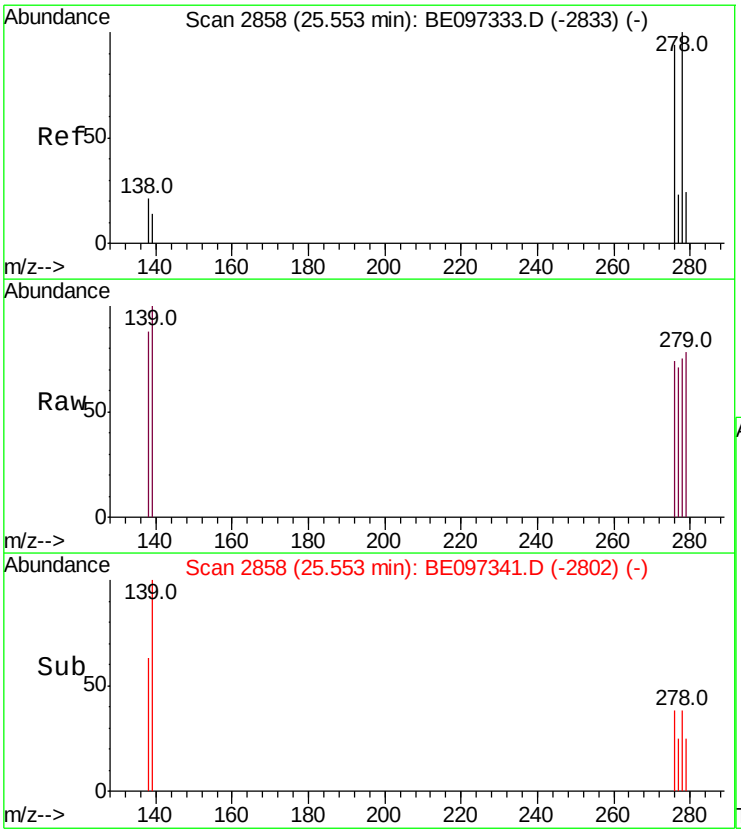
#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.12 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 43

Ion	Ratio	Lower	Upper
252	100		
253	93.3	16.0	24.0#
125	93.3	12.0	18.0#

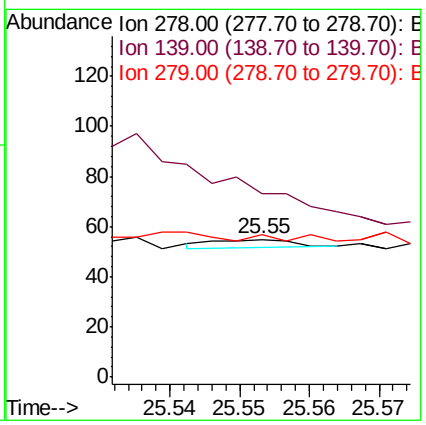


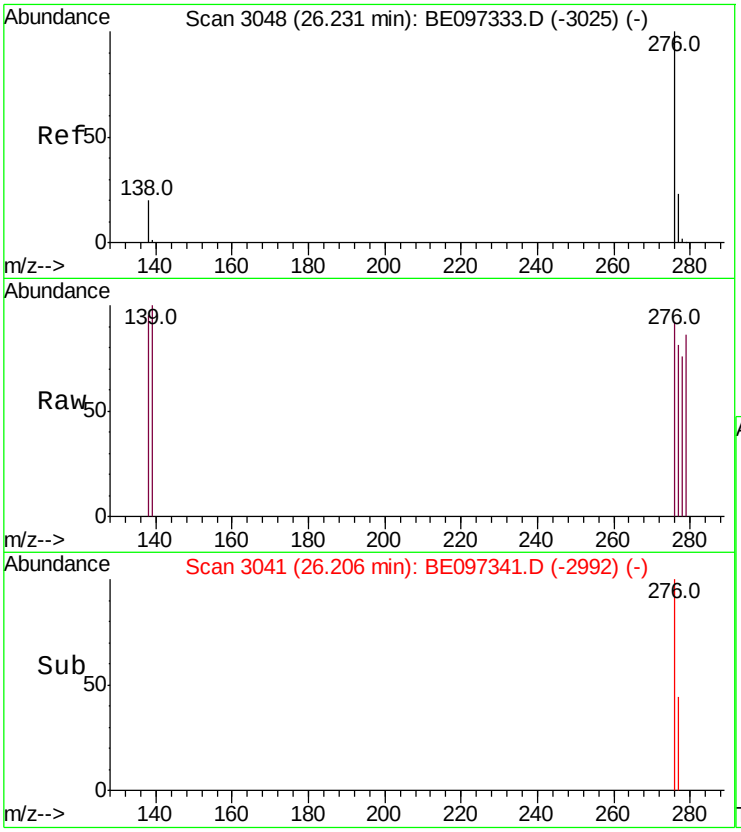


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.55 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	132.7	16.0	24.0#
279	103.6	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.21 min Scan# 3041
Delta R.T. -0.03 min
Lab File: BE097341.D
Acq: 20 Aug 2018 20:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14

Ion	Ratio	Lower	Upper
276	100		
277	87.9	16.0	24.0#
138	103.4	20.0	30.0#