Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097539.D
Acq On : 19 Sep 2018 14:19
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 19 15:49:11 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 15:47:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	766	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	3562	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	1992	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	5577	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8721	0.40	ng		0.00
34) Perylene-d12	23.21	264	8703	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	1821	0.70	ng		0.00
5) Phenol-d6	6.59	99	2289	0.70	ng		0.00
8) Nitrobenzene-d5	8.51	82	2167	0.76	ng		0.00
11) 2-Methylnaphthalene-d10	11.71	152	3925	0.77	ng		-0.01
14) 2,4,6-Tribromophenol	15.52	330	636	0.60	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	5724	0.82	ng		-0.01
25) Fluoranthene-d10	18.80	212	56791	0.85	ng		0.00
29) Terphenyl-d14	19.41	244	12669	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	994	0.750	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	880	0.795	ng	#	93
6) bis(2-Chloroethyl)ether	6.82	93	2173	0.826	ng		85
9) Naphthalene	10.17	128	25801	0.798	ng		100
10) Hexachlorobutadiene	10.46	225	1164	0.758	ng		98
12) 2-Methylnaphthalene	11.79	142	4025	0.778	ng		99
16) Acenaphthylene	13.72	152	6345	0.732	ng		99
17) Acenaphthene	14.06	154	4287	0.802	ng		97
18) Fluorene	15.05	166	5618	0.824	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	2031	0.754	ng	#	79
21) Hexachlorobenzene	16.07	284	2261	0.792	ng	#	84
22) Pentachlorophenol	16.44	266	709	1.431	ng	#	76
23) Phenanthrene	16.80	178	10640	0.811	ng		98
24) Anthracene	16.89	178	9314	0.769	ng		96
26) Fluoranthene	18.83	202	14867	0.869	ng		99
28) Pyrene	19.19	202	15704	0.700	ng		100
30) Benzo(a)anthracene	20.95	228	17473	0.762	ng		96
31) Chrysene	21.00	228	18820	0.800	ng		100
32) Bis(2-ethylhexyl)phthalate	20.91	149	25521	0.524	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	22742	0.811	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	17914	0.805	ng	#	88
36) Benzo(k)fluoranthene	22.57	252	20235	0.834	ng		96
37) Benzo(a)pyrene	23.10	252	17334	0.784	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	19068	0.827	ng	#	94
39) Benzo(g,h,i)perylene	26.20	276	18627	0.791	ng	#	88

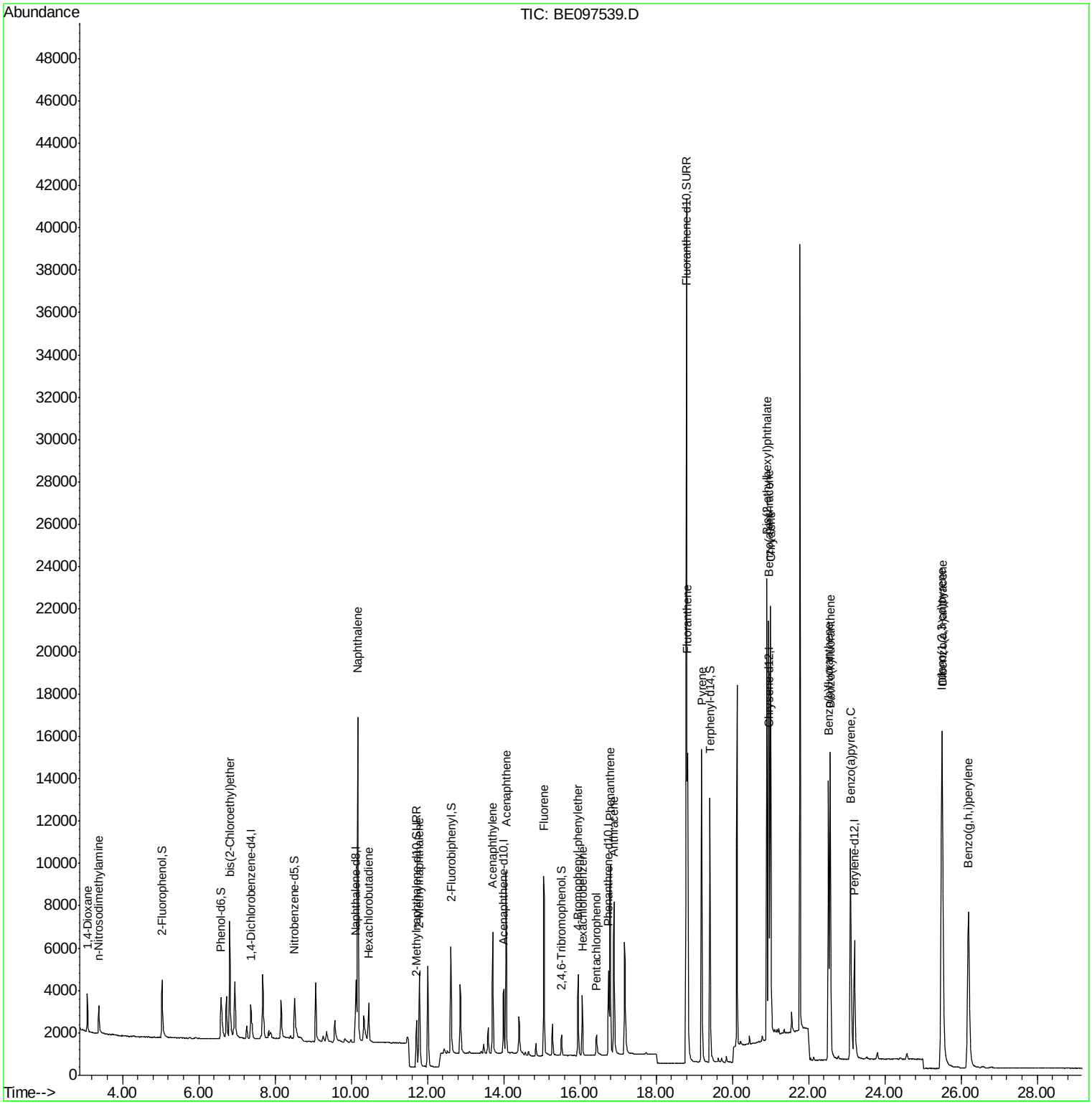
(#) = qualifier out of range (m) = manual integration (+) = signals summed

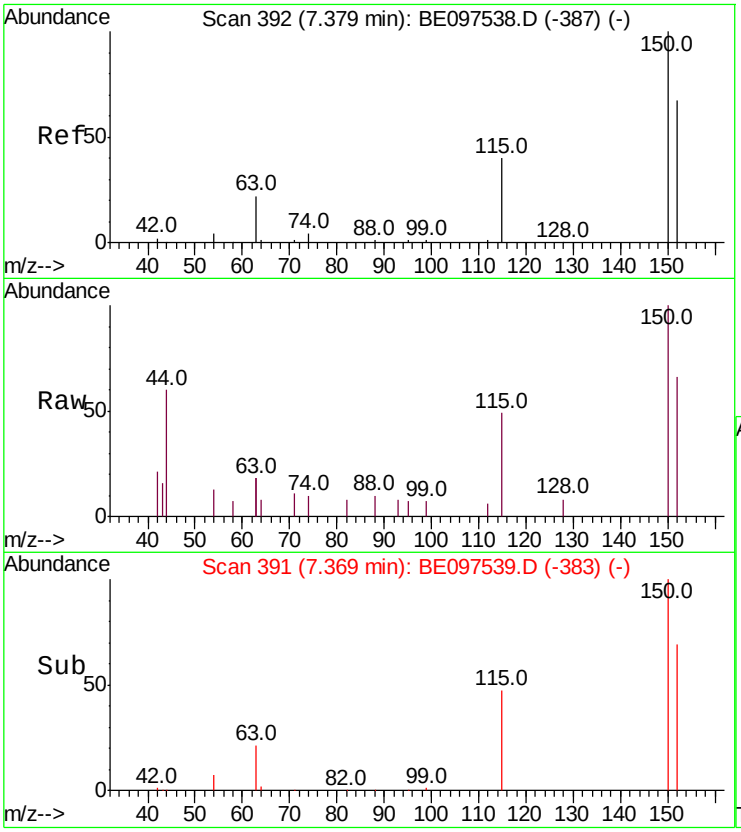
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097539.D
Acq On : 19 Sep 2018 14:19
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 19 15:49:11 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 15:47:52 2018
Response via : Initial Calibration



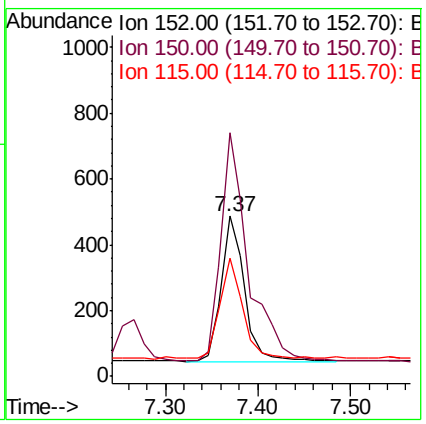


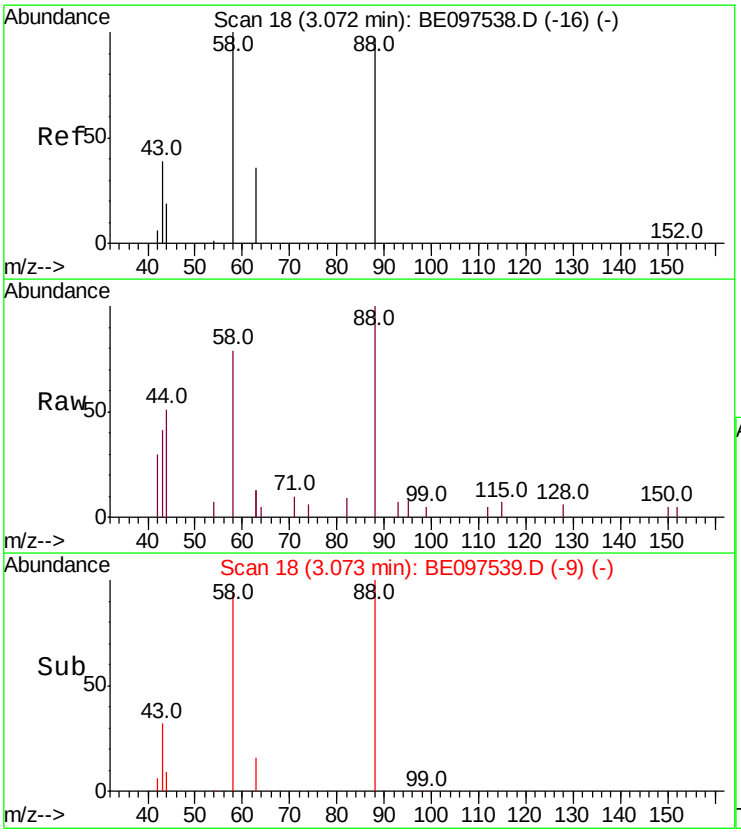
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 766

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	73.9	57.0	85.6

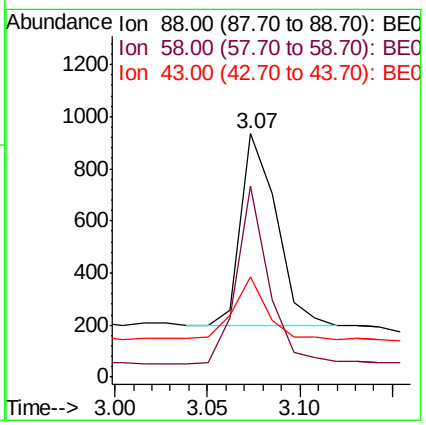


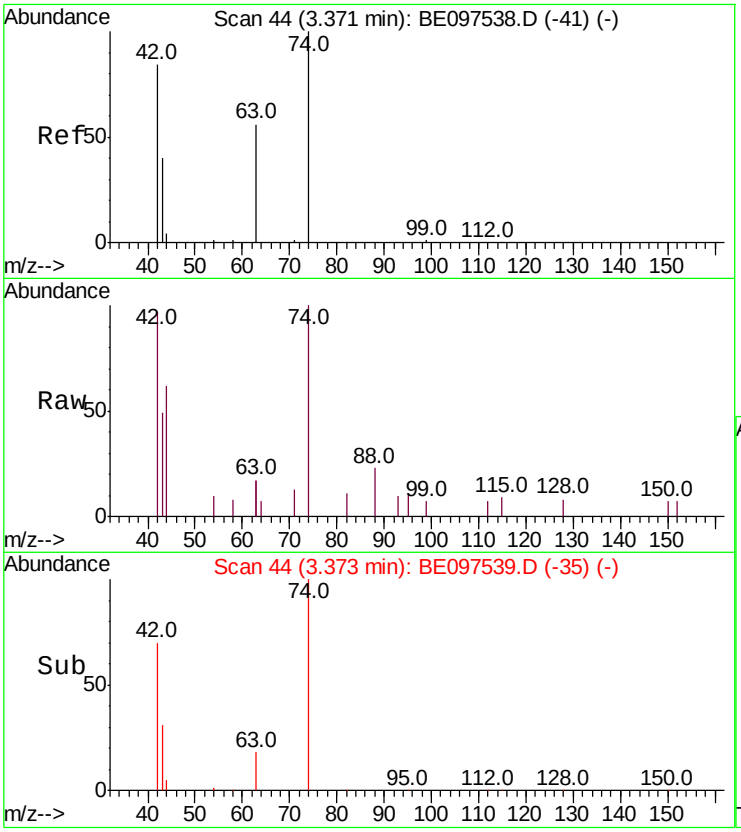


#2
1,4-Dioxane
Concen: 0.750 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion: 88 Resp: 994

Ion	Ratio	Lower	Upper
88	100		
58	82.5	63.2	94.8
43	30.3	41.2	61.8#



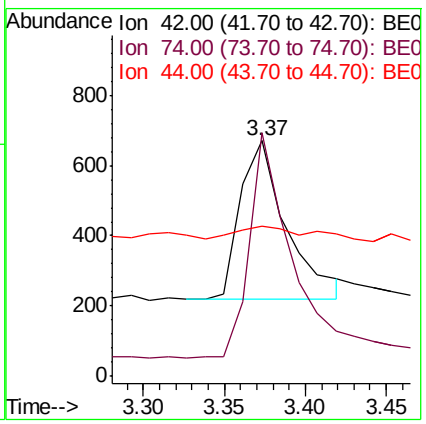


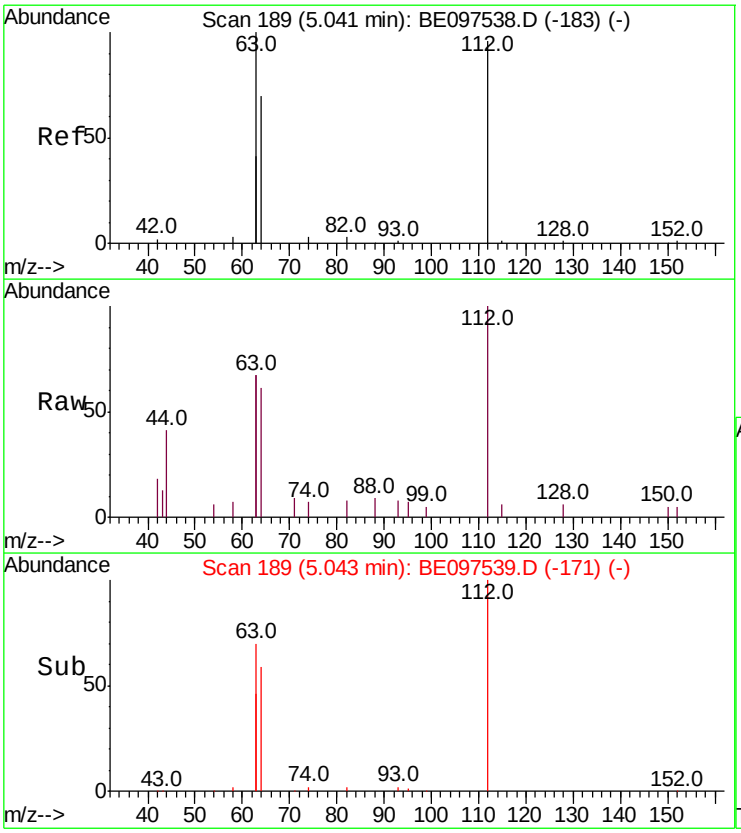
#3
n-Nitrosodimethylamine
Concen: 0.795 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 880

Ion	Ratio	Lower	Upper
42	100		
74	127.6	96.0	144.0
44	11.7	12.0	18.0#

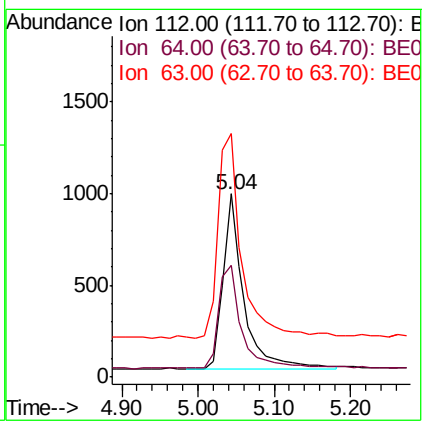


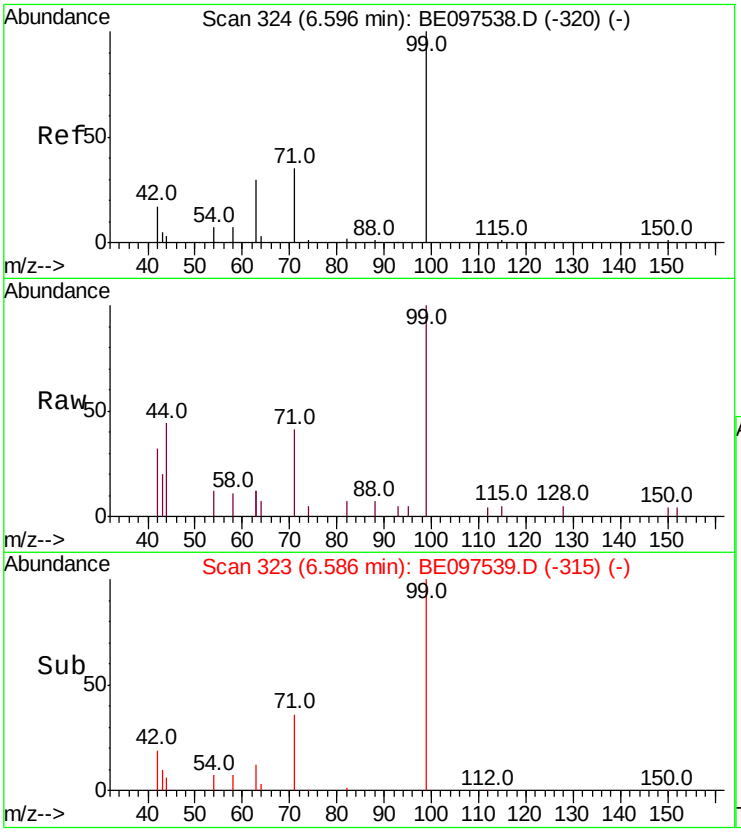


#4
2-Fluorophenol
Concen: 0.702 ng
RT: 5.04 min Scan# 189
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:112 Resp: 1821

Ion	Ratio	Lower	Upper
112	100		
64	66.1	60.1	90.1
63	137.1	116.8	175.2



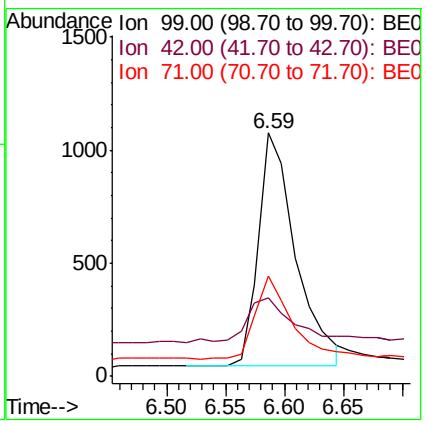


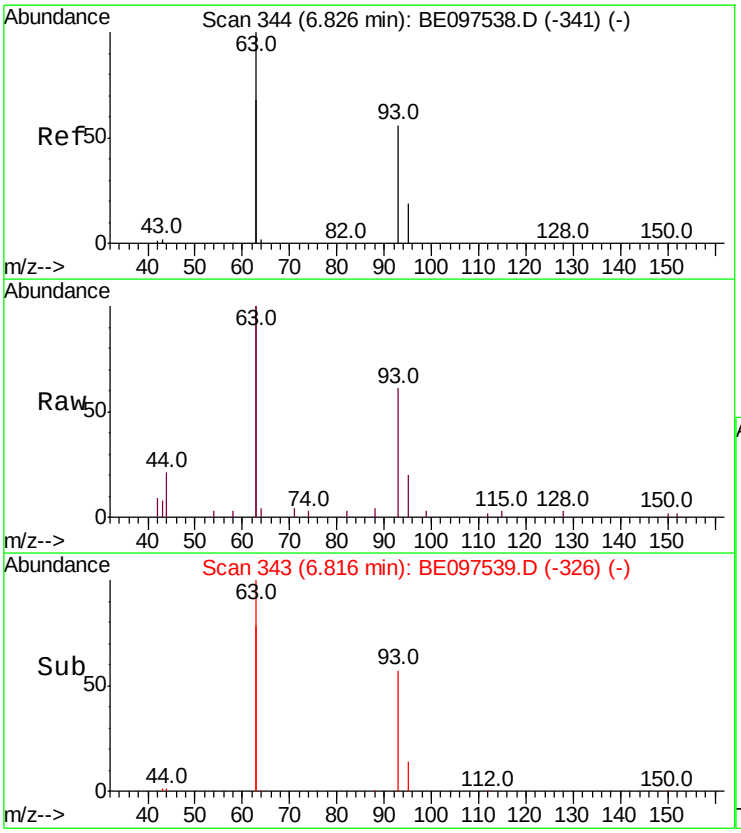
#5
Phenol-d6
Concen: 0.695 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2289

Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.2	30.2
71	33.6	28.4	42.6

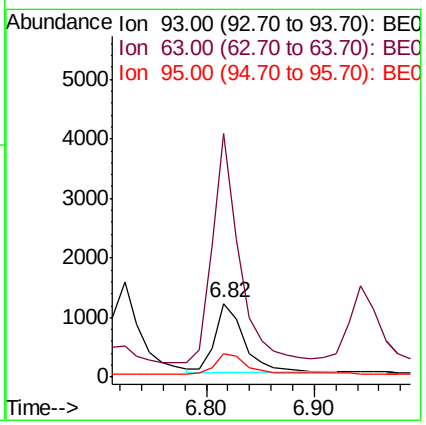


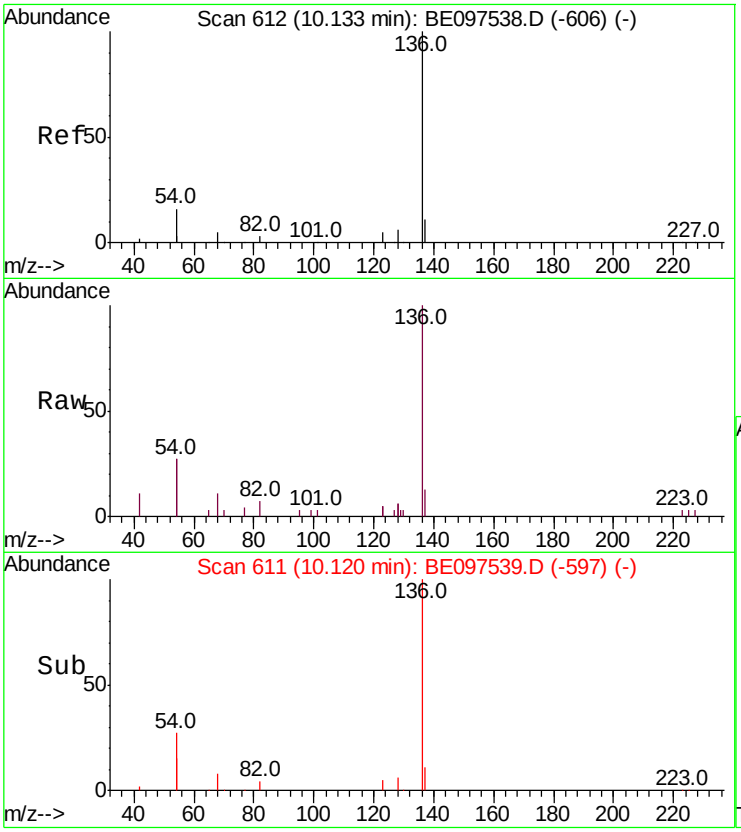


#6
bis(2-Chloroethyl)ether
Concen: 0.826 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion: 93 Resp: 2173

Ion	Ratio	Lower	Upper
93	100		
63	310.4	275.3	412.9
95	32.7	25.2	37.8



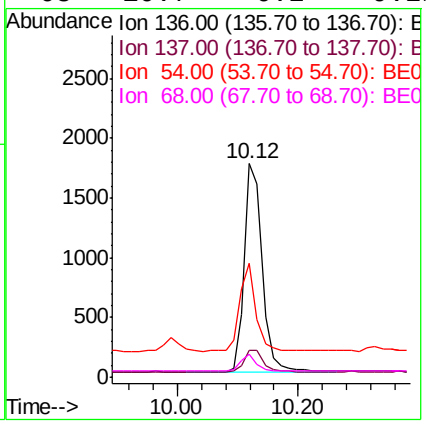


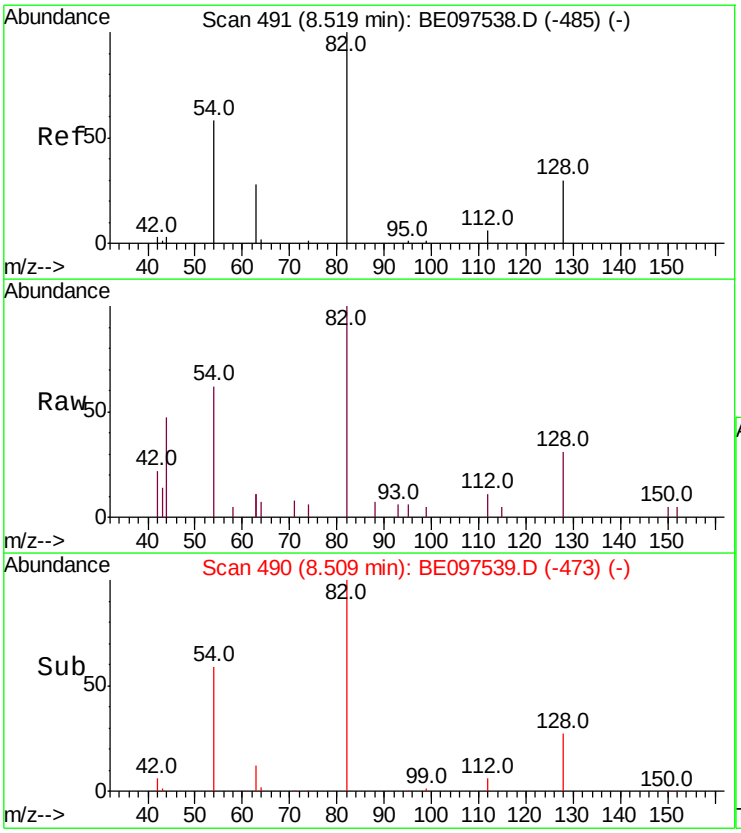
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3562

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	53.3	29.1	43.7#
68	10.7	6.2	9.2#

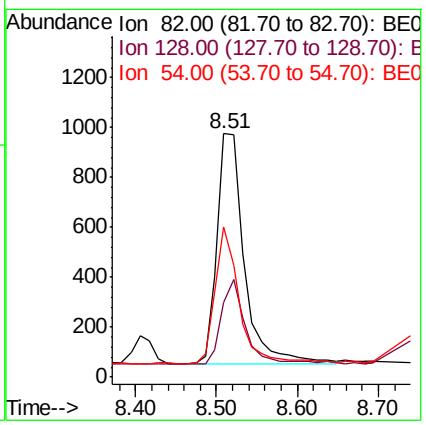


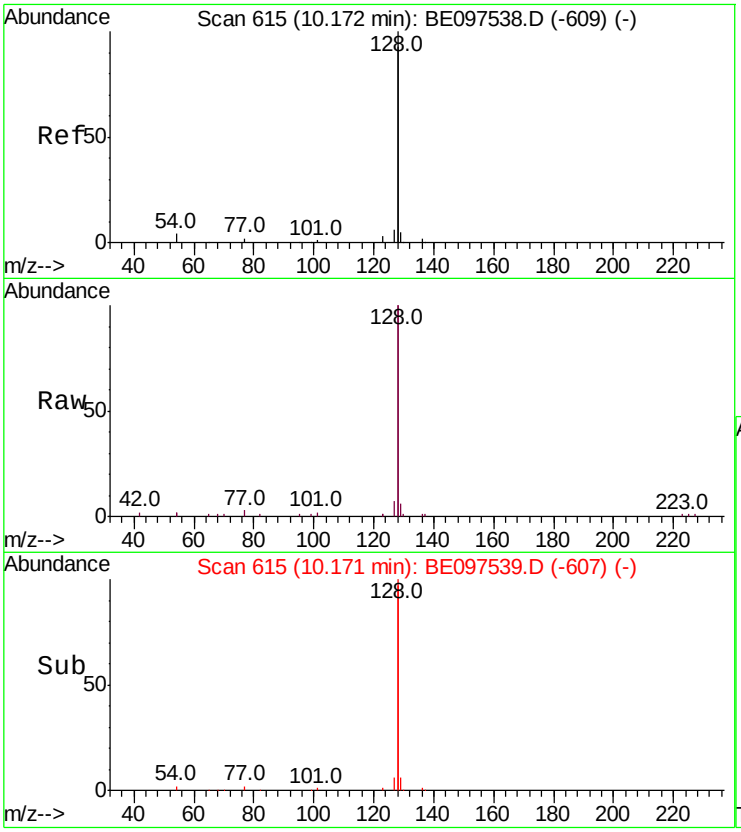


#8
Nitrobenzene-d5
Concen: 0.756 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion: 82 Resp: 2167

Ion	Ratio	Lower	Upper
82	100		
128	30.8	24.0	36.0
54	61.9	40.0	60.0#



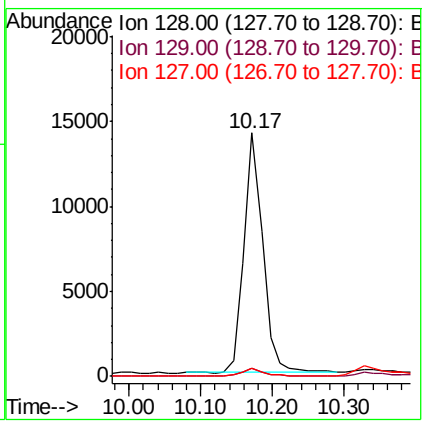


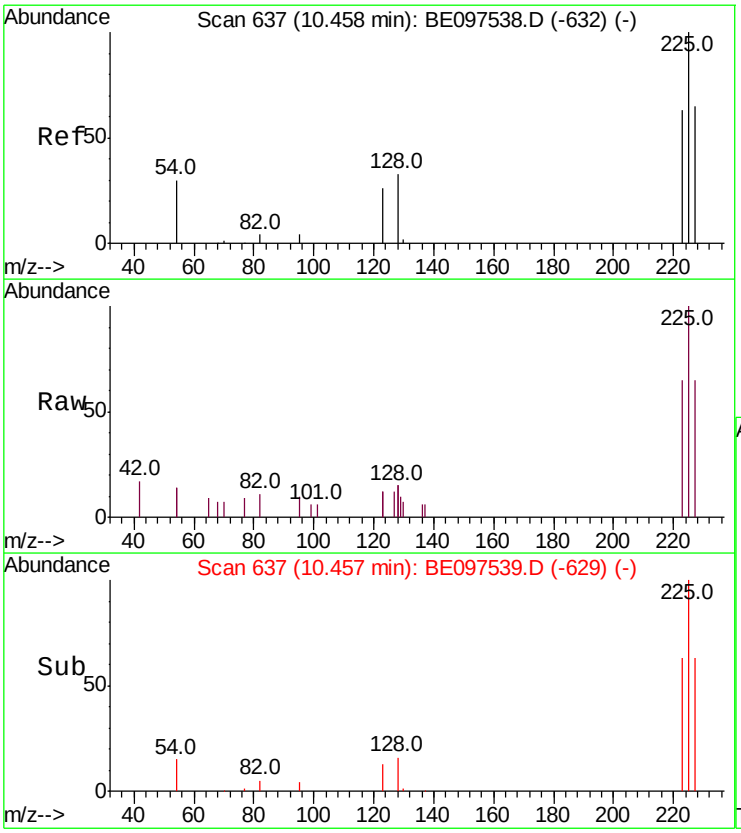
#9
Naphthalene
Concen: 0.798 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 25801

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

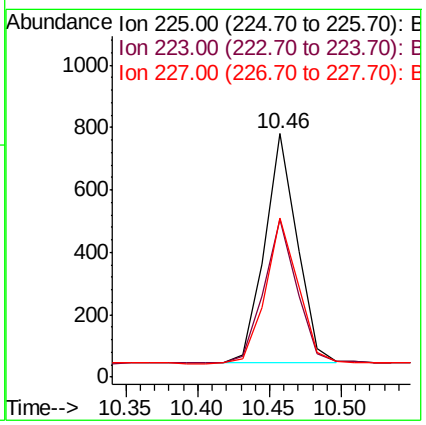


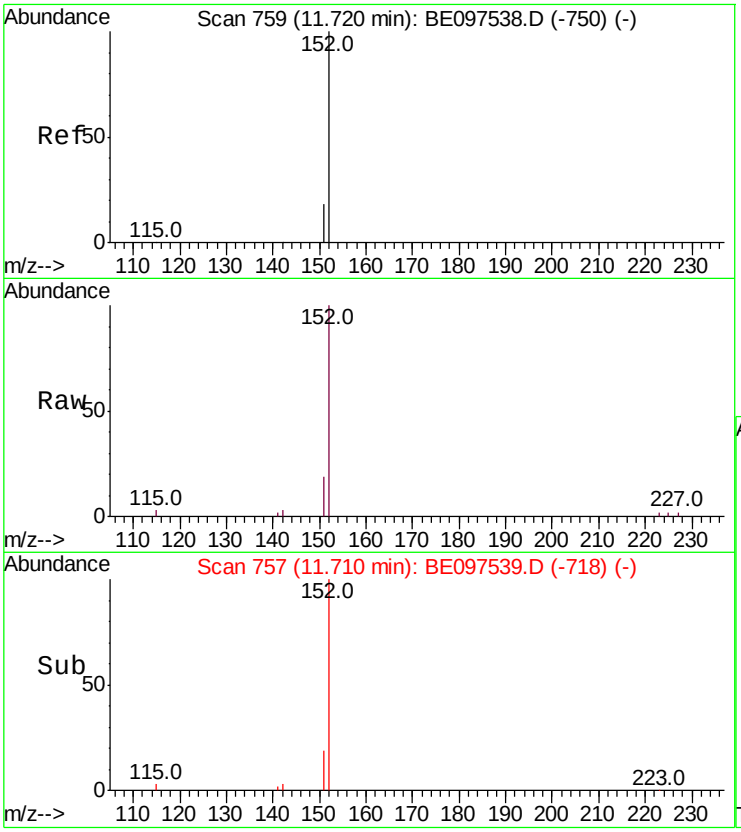


#10
Hexachlorobutadiene
Concen: 0.758 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:225 Resp: 1164

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	63.7	51.4	77.2



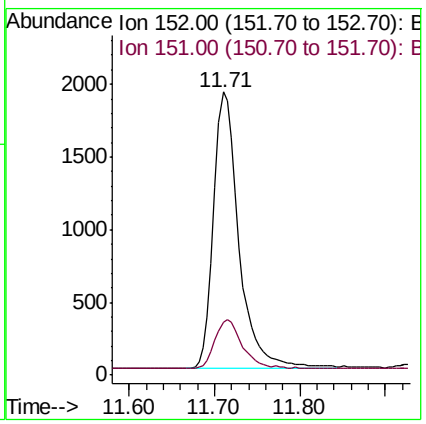


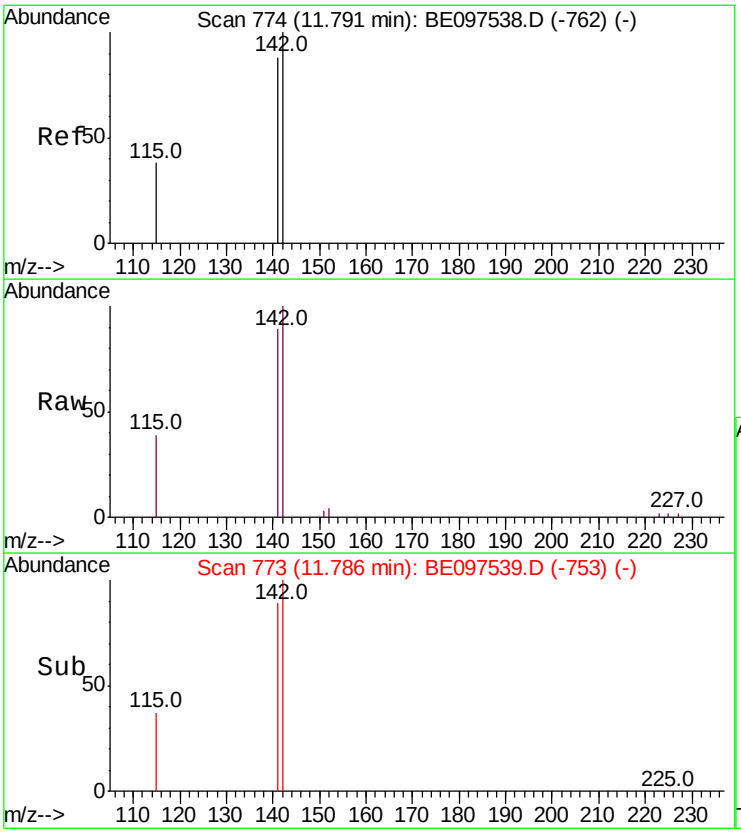
#11
2-Methylnaphthalene-d10
Concen: 0.771 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3925

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

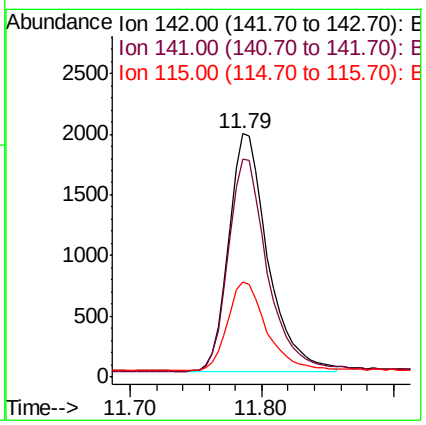


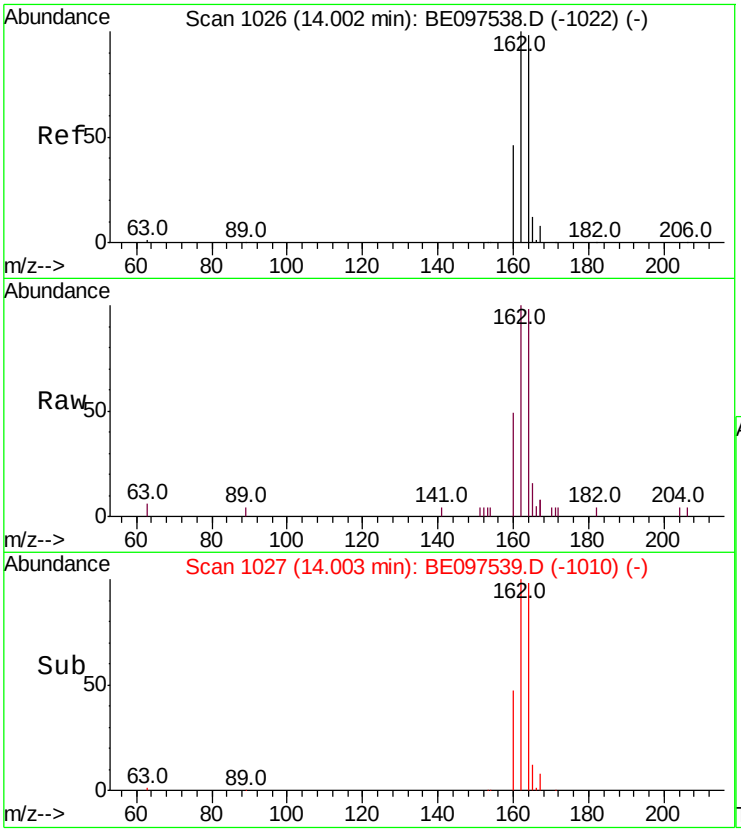


#12
2-Methylnaphthalene
Concen: 0.778 ng
RT: 11.79 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:142 Resp: 4025

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.4	105.6
115	38.9	31.7	47.5



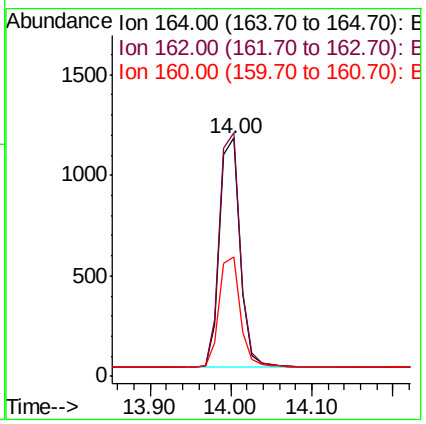


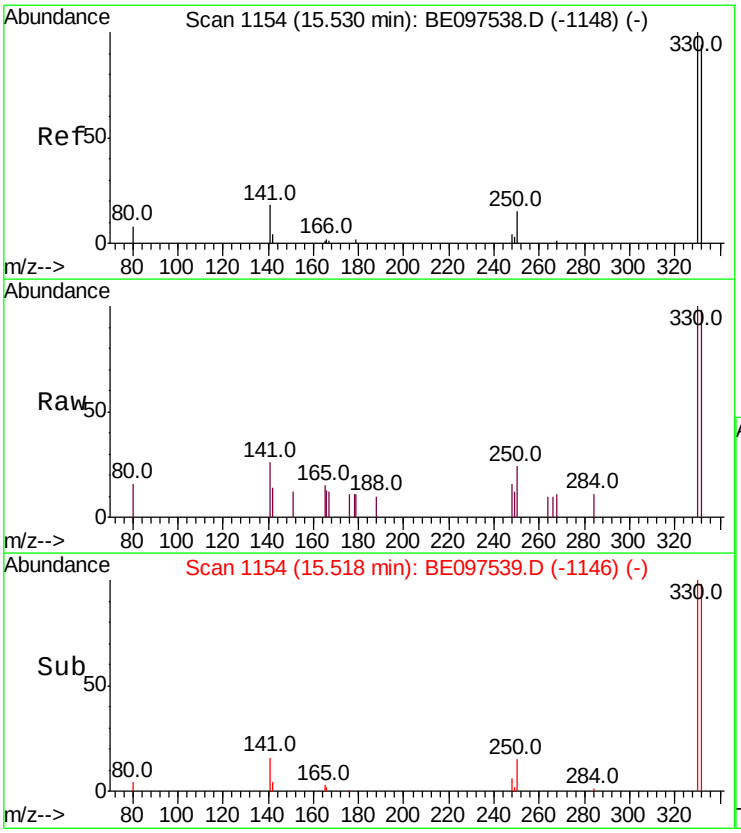
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1992

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.1	124.7
160	50.0	37.1	55.7

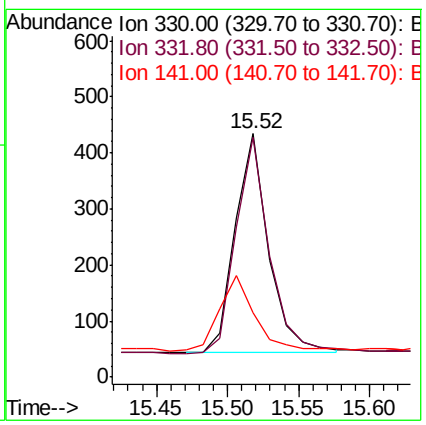


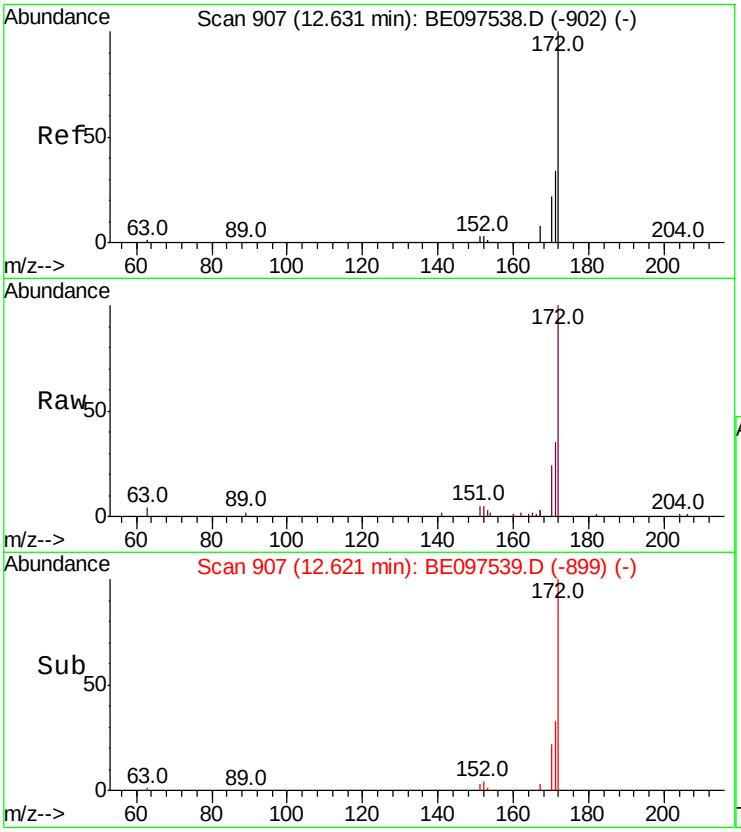


#14
2,4,6-Tribromophenol
Concen: 0.605 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:330 Resp: 636

Ion	Ratio	Lower	Upper
330	100		
332	99.7	152.7	229.1#
141	36.8	33.7	50.5



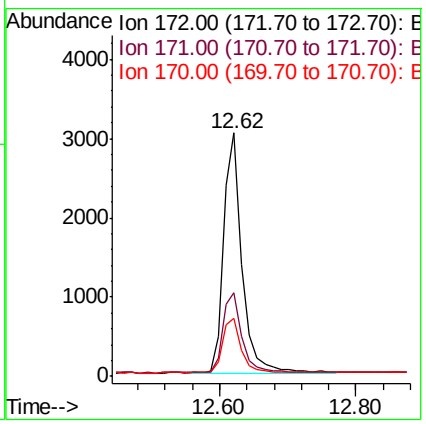


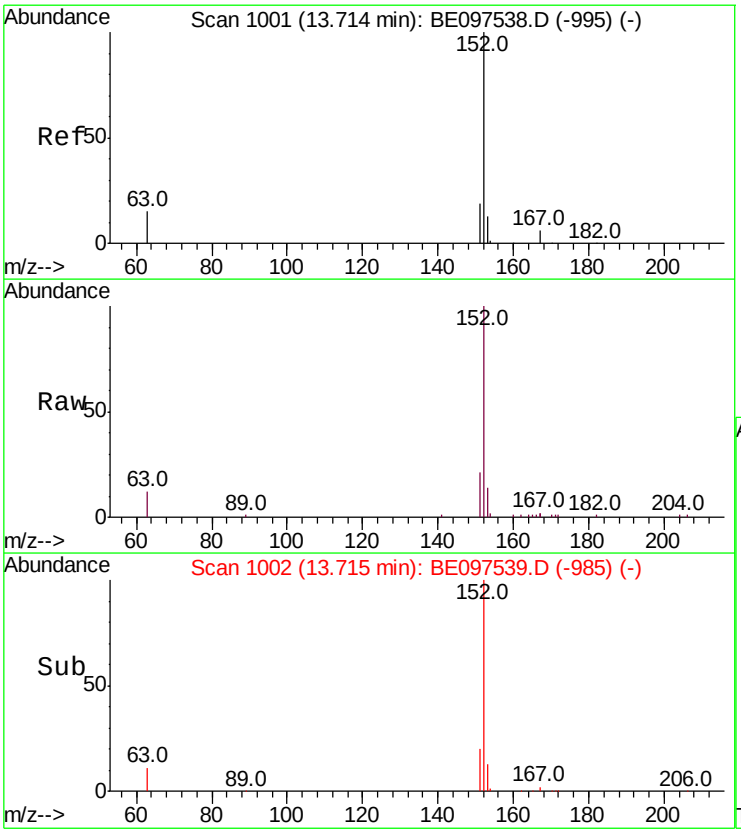
#15
2-Fluorobiphenyl
Concen: 0.823 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5724

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	23.7	21.8	32.8

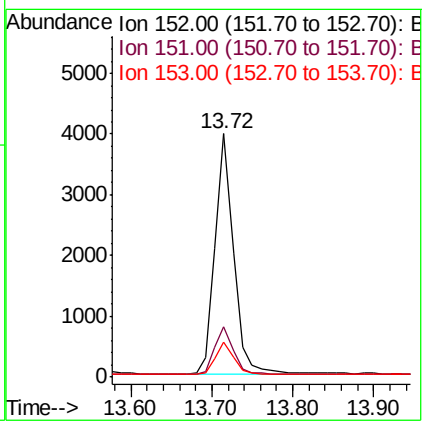


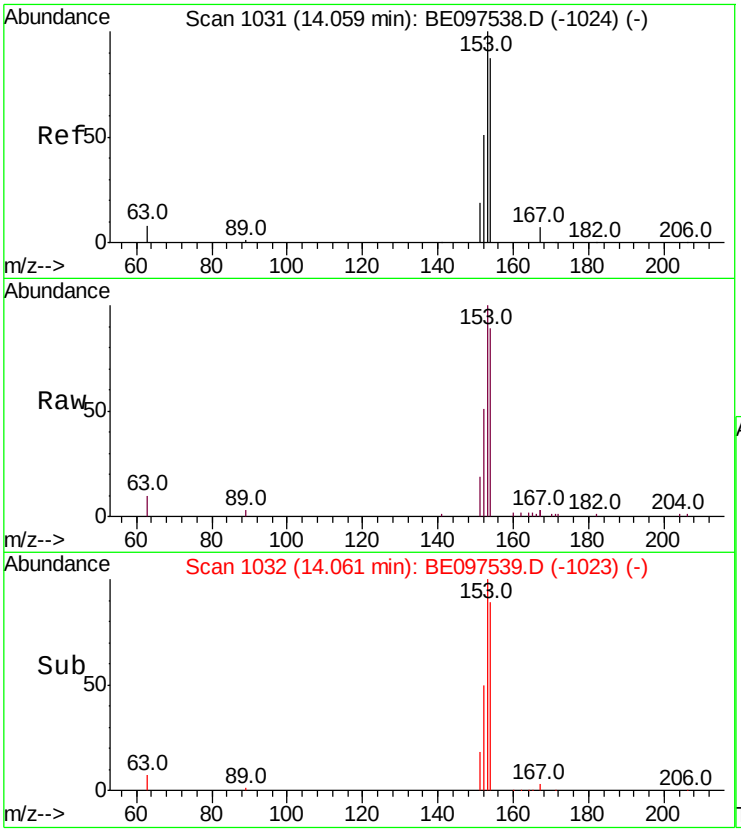


#16
Acenaphthylene
Concen: 0.732 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:152 Resp: 6345

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.2	10.5	15.7



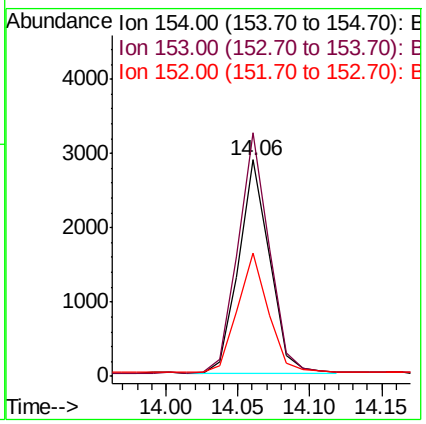


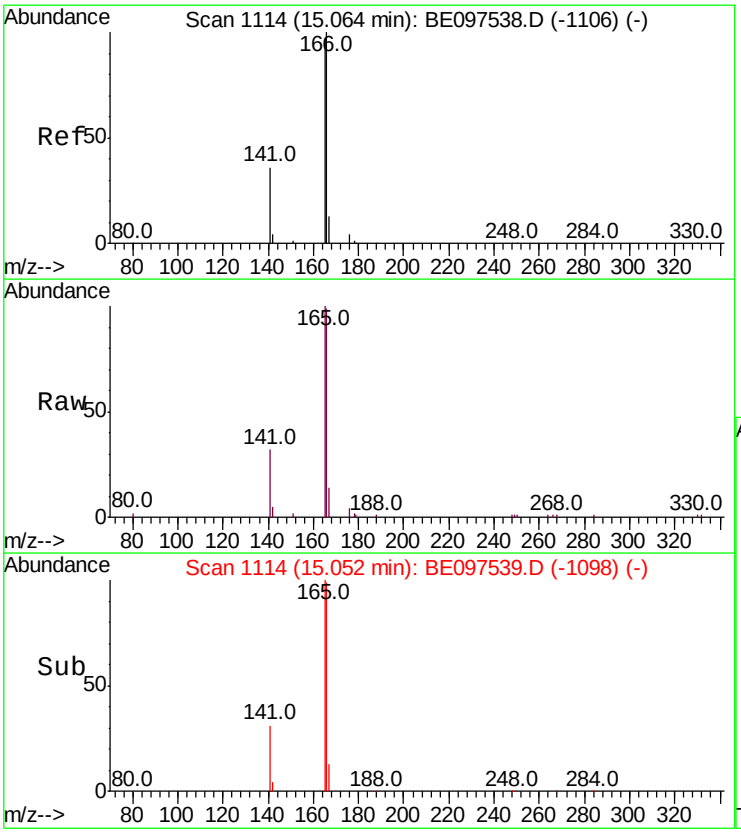
#17
Acenaphthene
Concen: 0.802 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4287

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.2	133.8
152	56.2	42.0	63.0

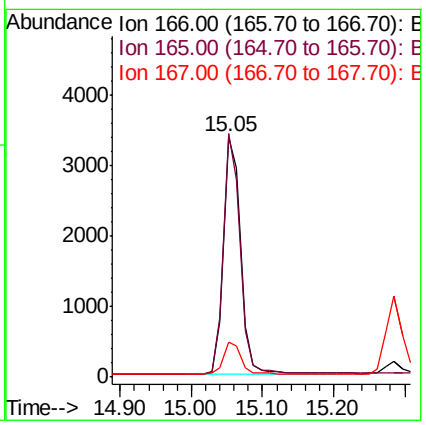


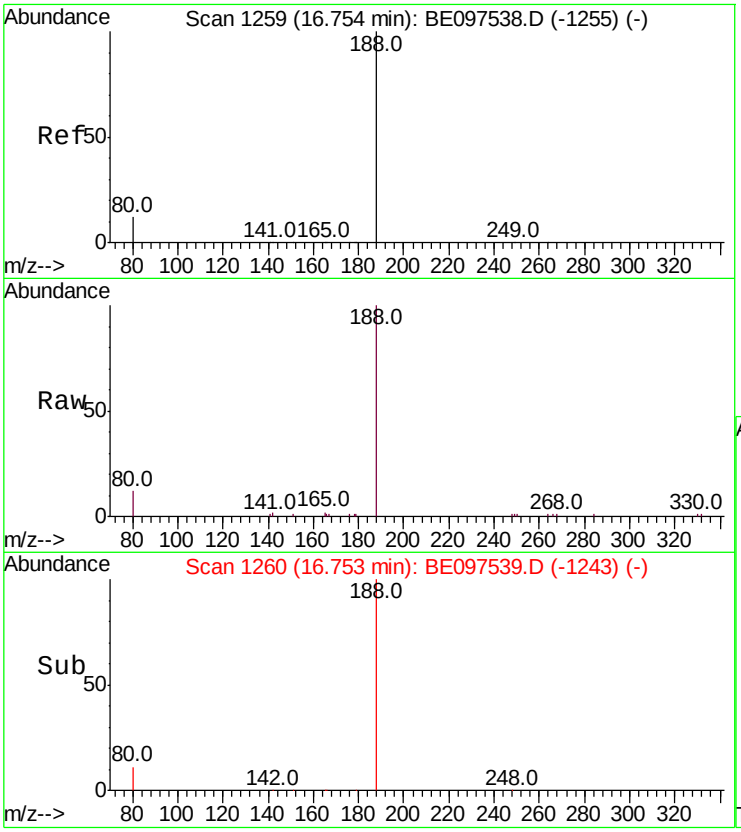


#18
Fluorene
Concen: 0.824 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:166 Resp: 5618

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.3	42.4	63.6#



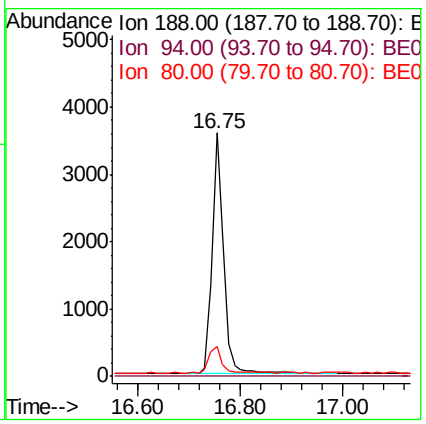


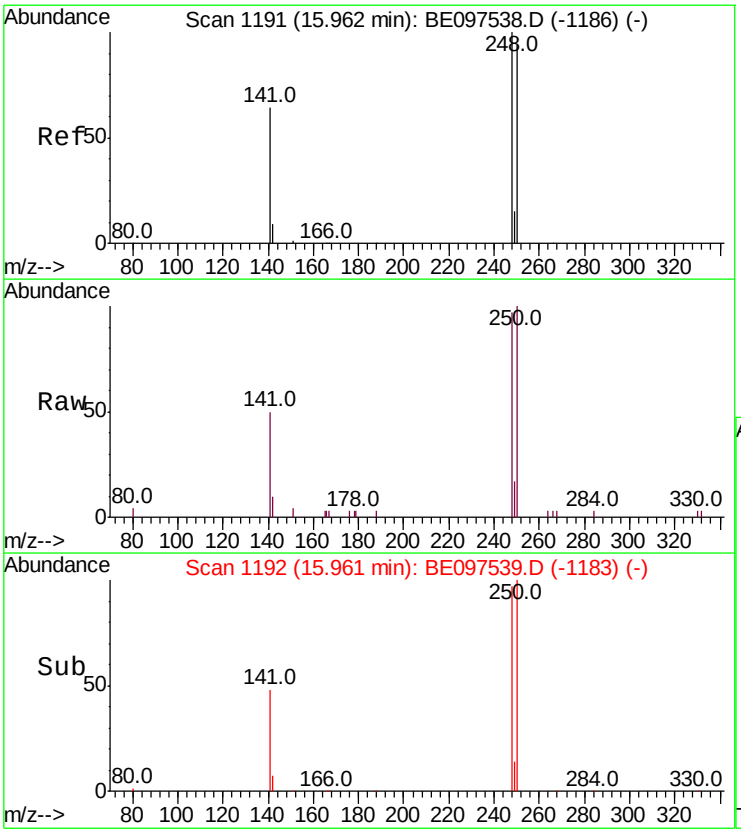
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5577

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.1	3.6	5.4#

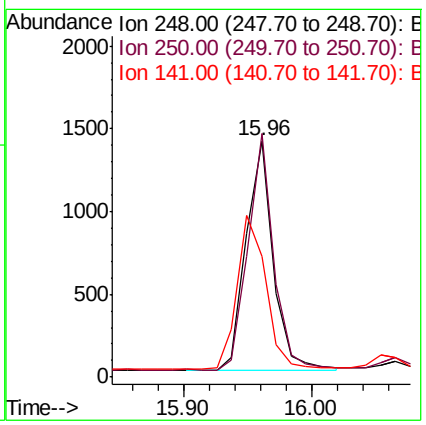


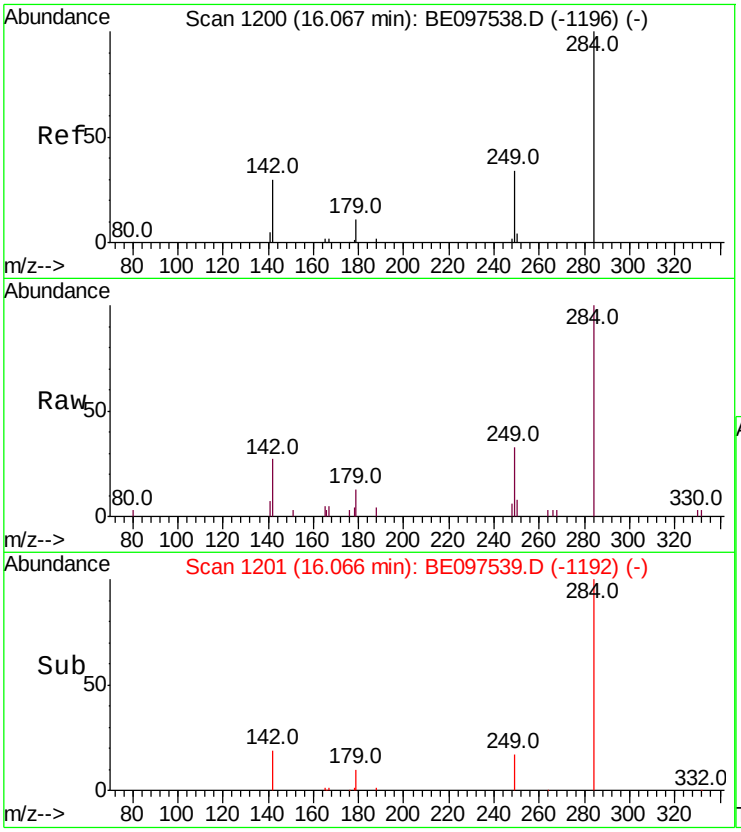


#20
4-Bromophenyl-phenylether
Concen: 0.754 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:248 Resp: 2031

Ion	Ratio	Lower	Upper
248	100		
250	103.0	62.7	94.1#
141	51.1	48.2	72.2



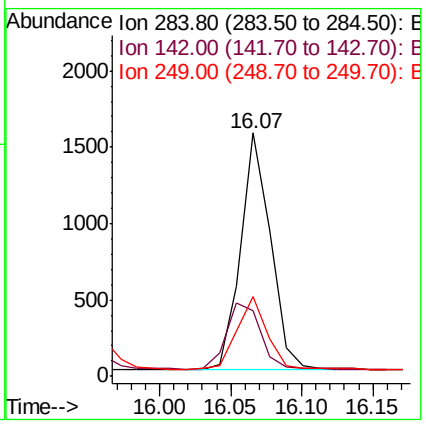


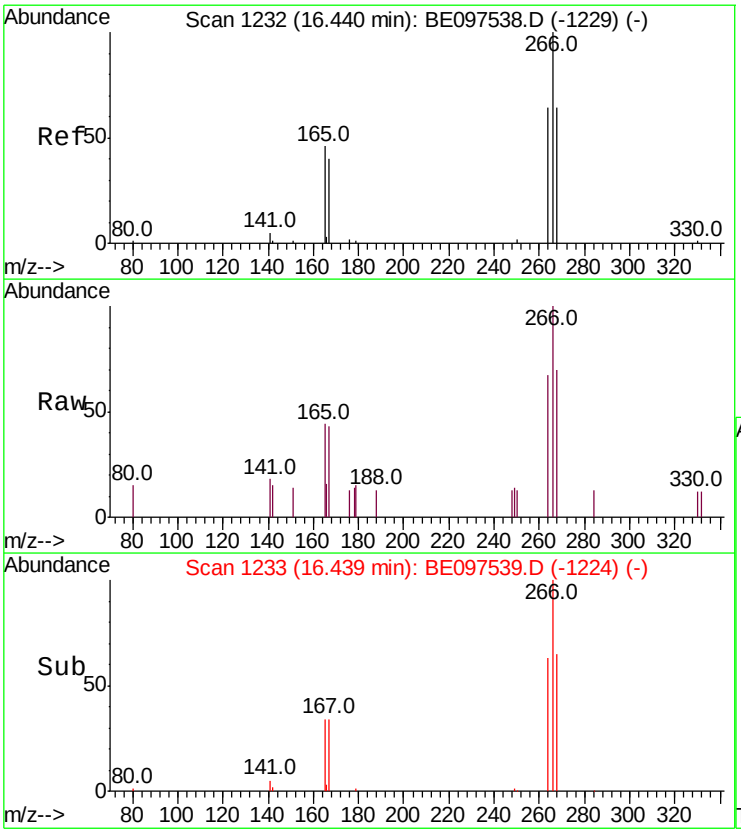
#21
Hexachlorobenzene
Concen: 0.792 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2261

Ion	Ratio	Lower	Upper
284	100		
142	31.9	22.1	33.1
249	30.1	34.8	52.2#

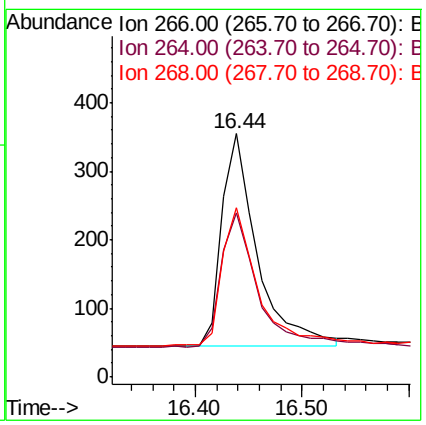


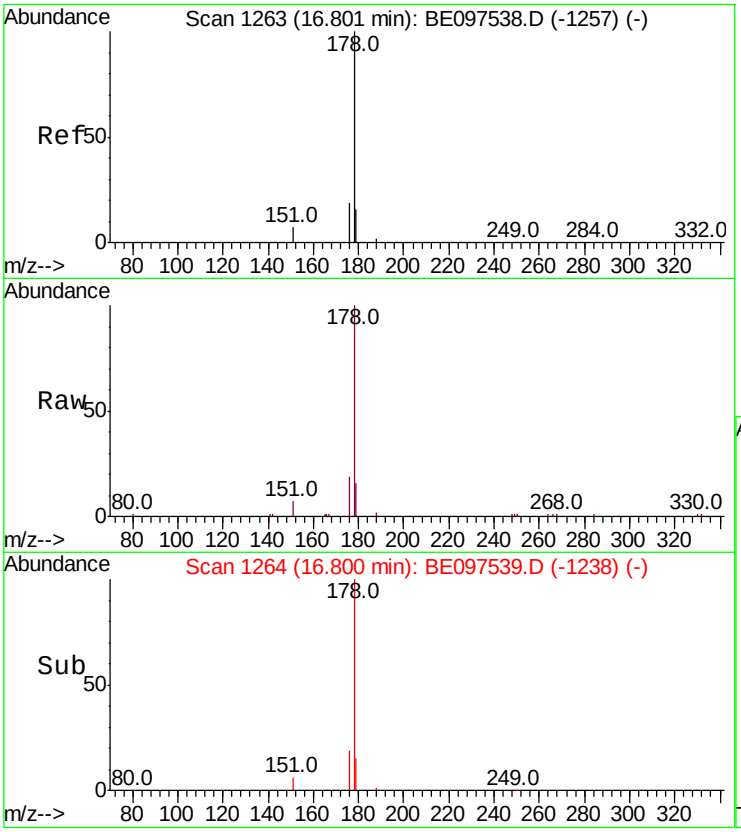


#22
Pentachlorophenol
Concen: 1.431 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:266 Resp: 709

Ion	Ratio	Lower	Upper
266	100		
264	67.3	72.5	108.7#
268	69.6	73.8	110.6#



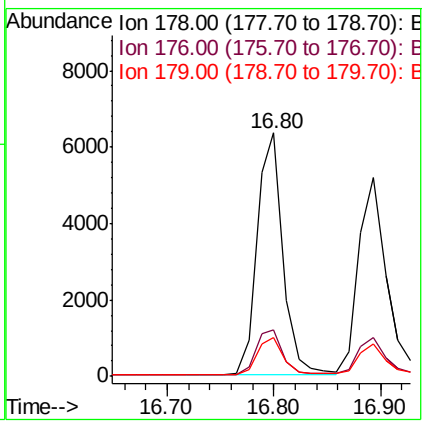


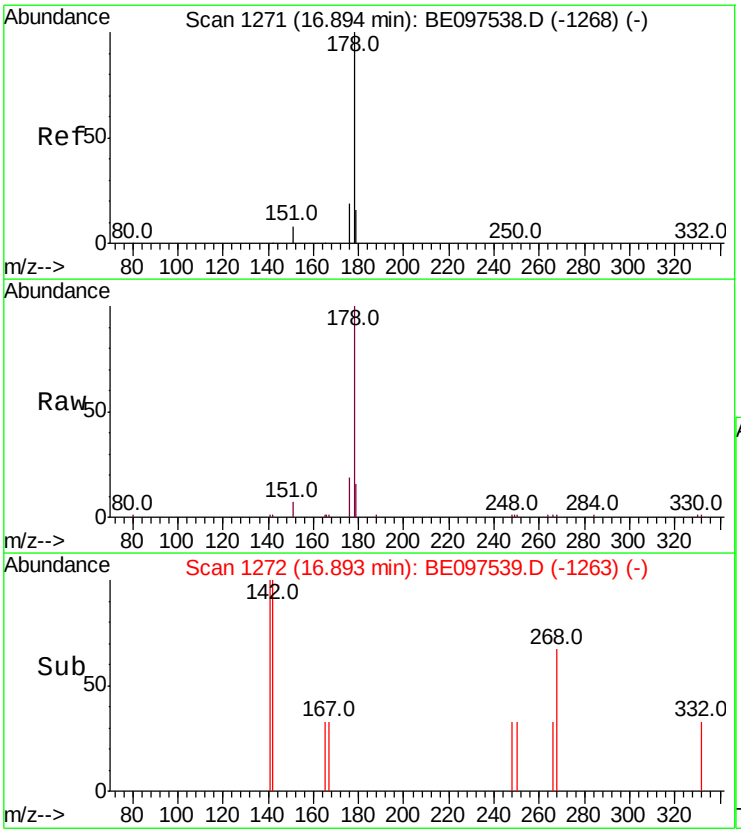
#23
Phenanthrene
Concen: 0.811 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10640

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.5	11.8	17.6

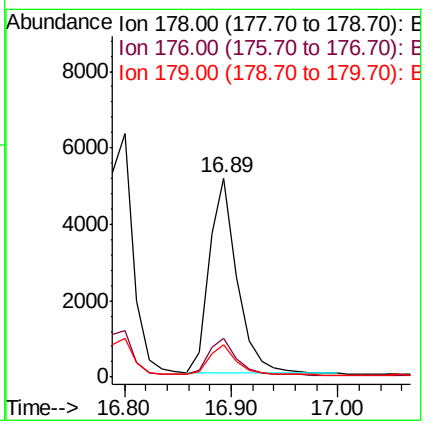


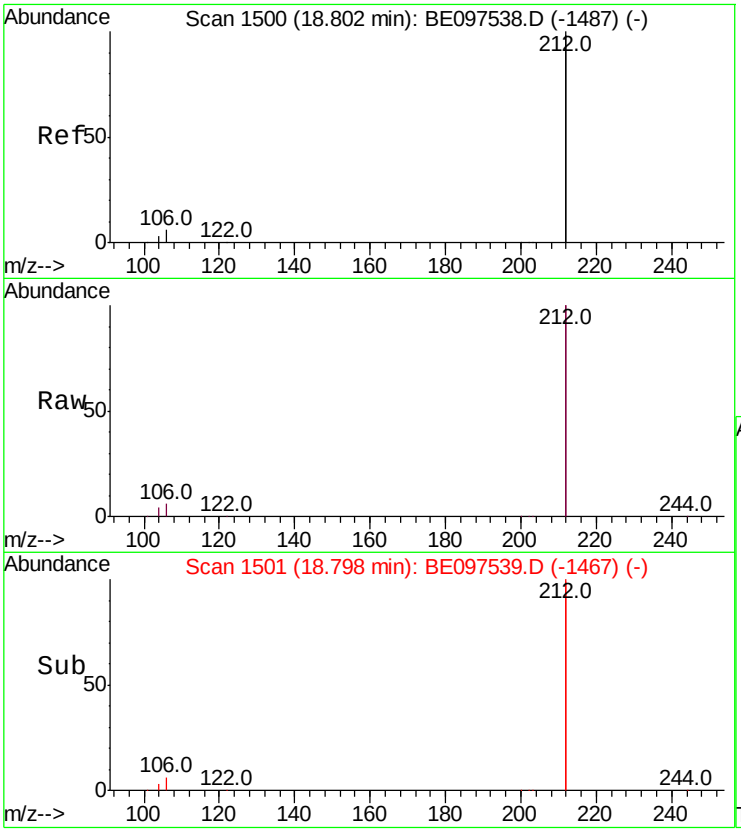


#24
Anthracene
Concen: 0.769 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:178 Resp: 9314

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.1	13.0	19.6



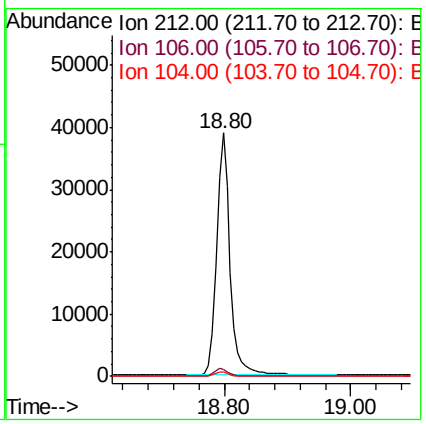


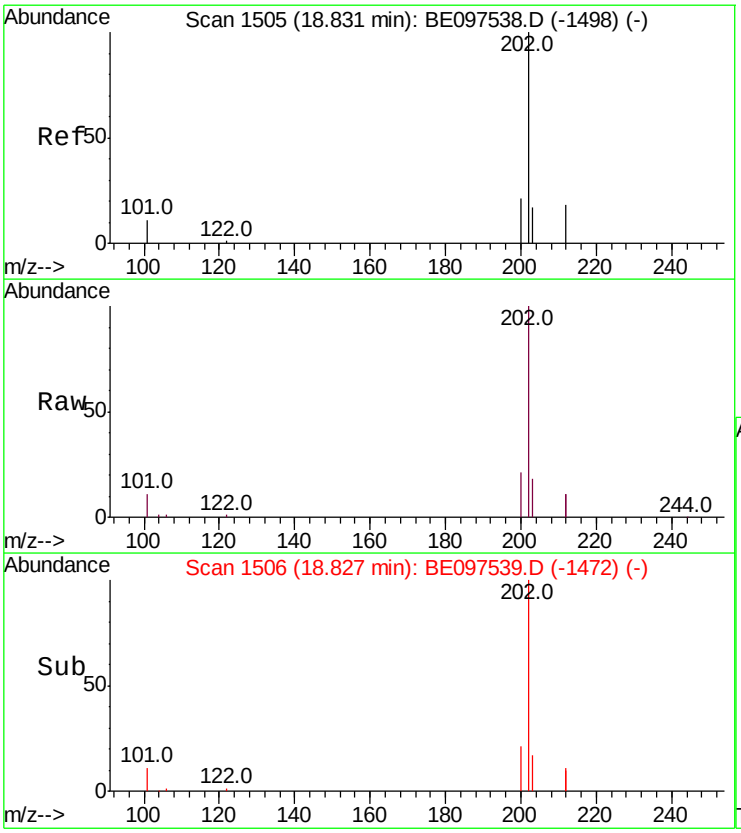
#25
Fluoranthene-d10
Concen: 0.847 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 56791

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

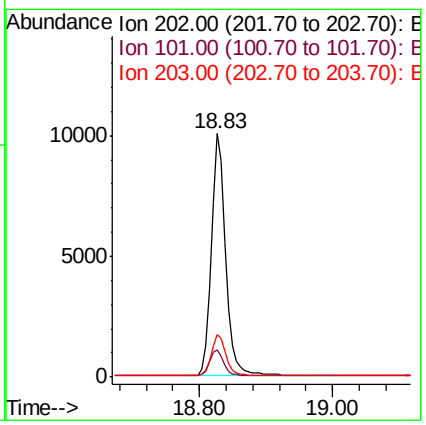


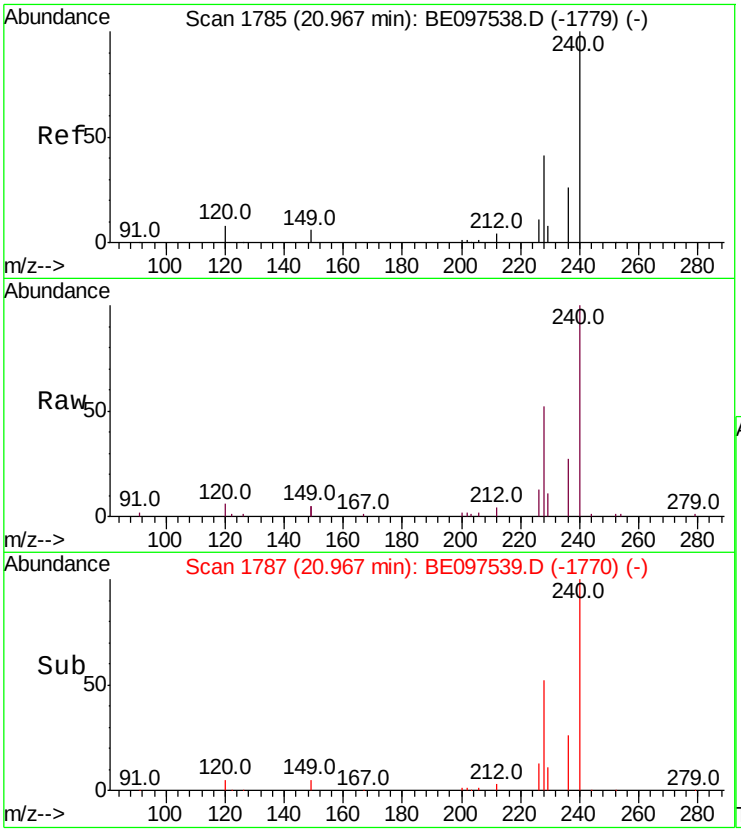


#26
Fluoranthene
Concen: 0.869 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:202 Resp: 14867

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.3	13.7	20.5



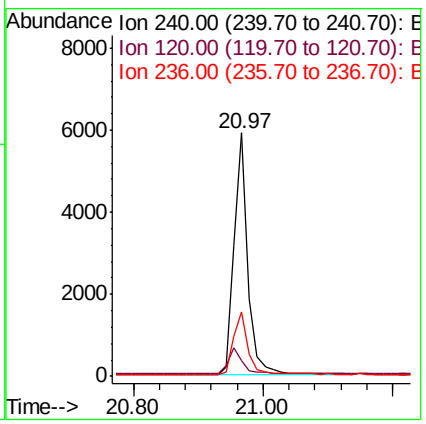


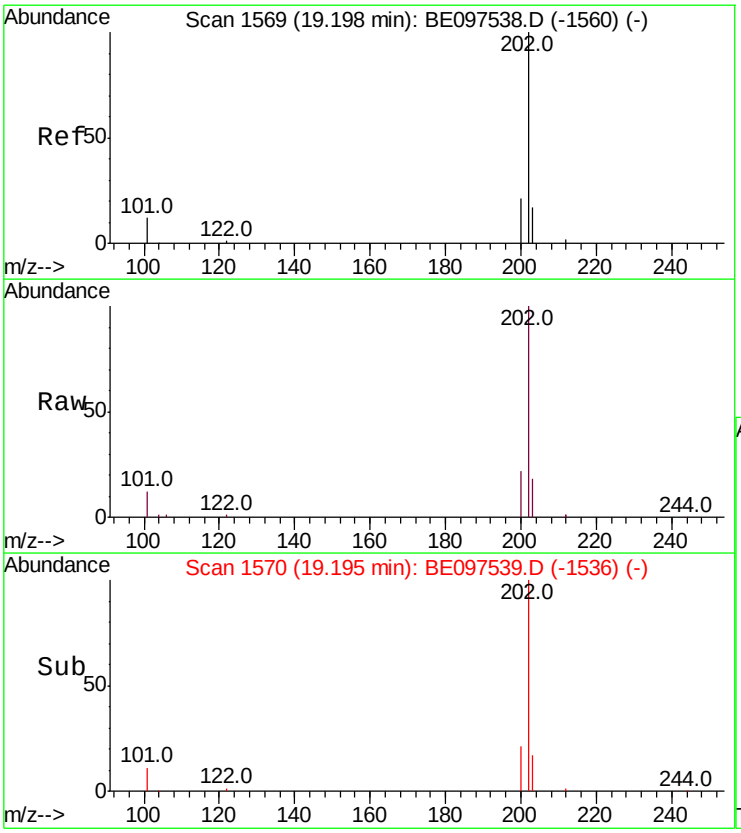
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8721

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.5	8.3
236	26.6	20.7	31.1

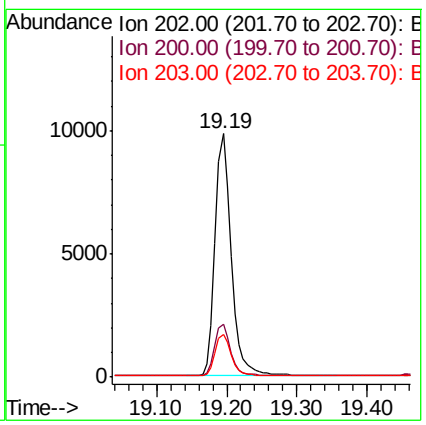


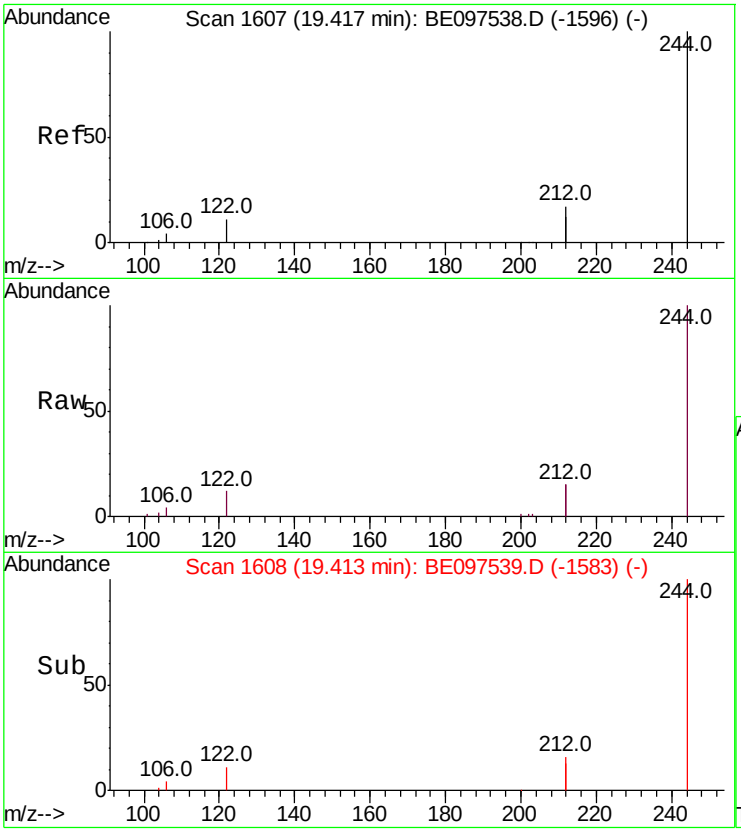


#28
Pyrene
Concen: 0.700 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:202 Resp: 15704

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.4	13.8	20.8



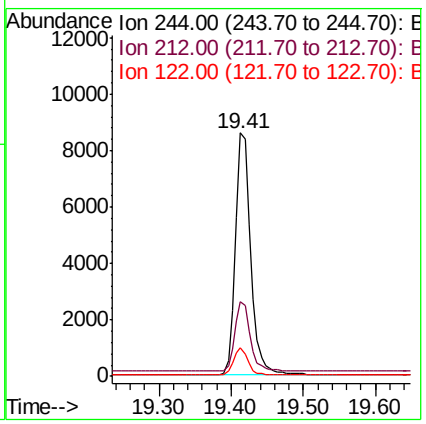


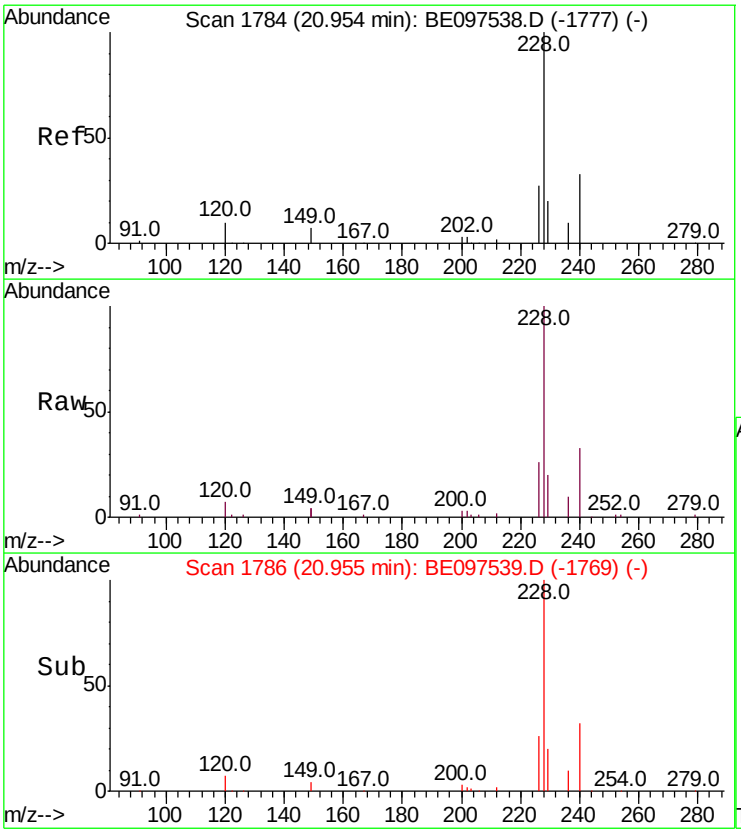
#29
Terphenyl-d14
Concen: 0.760 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12669

Ion	Ratio	Lower	Upper
244	100		
212	30.9	25.4	38.0
122	11.7	8.1	12.1

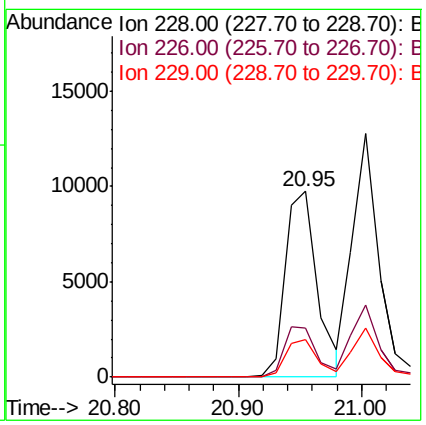


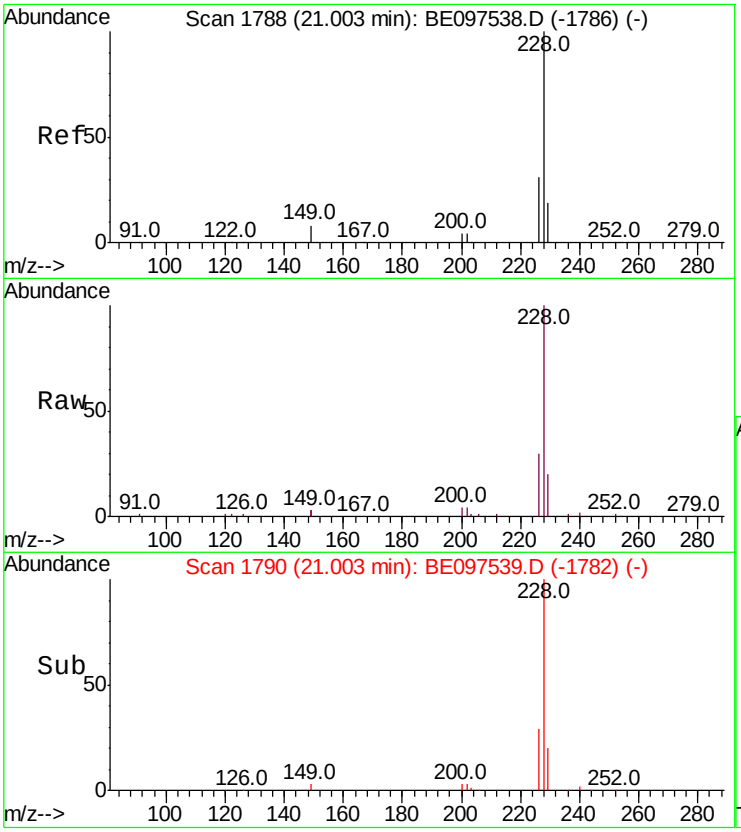


#30
Benzo(a)anthracene
Concen: 0.762 ng
RT: 20.95 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:228 Resp: 17473

Ion	Ratio	Lower	Upper
228	100		
226	26.2	24.0	36.0
229	20.1	16.0	24.0



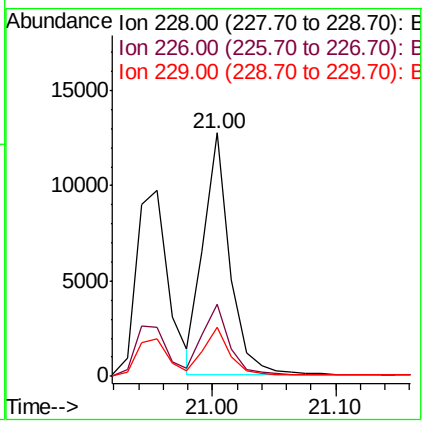


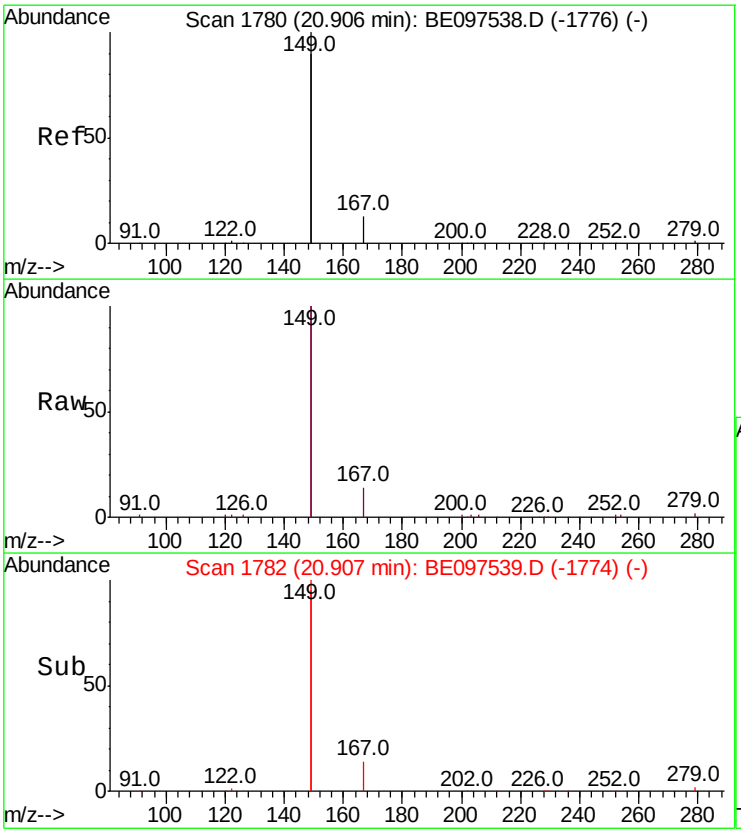
#31
Chrysene
Concen: 0.800 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 18820

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.0	16.0	24.0

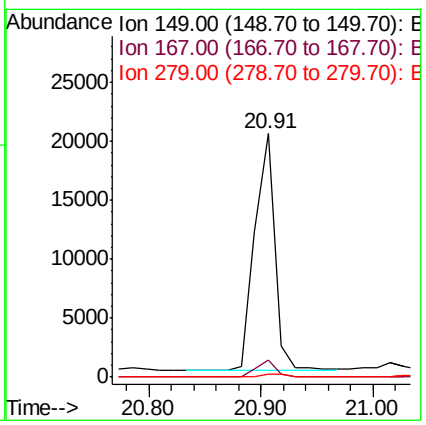


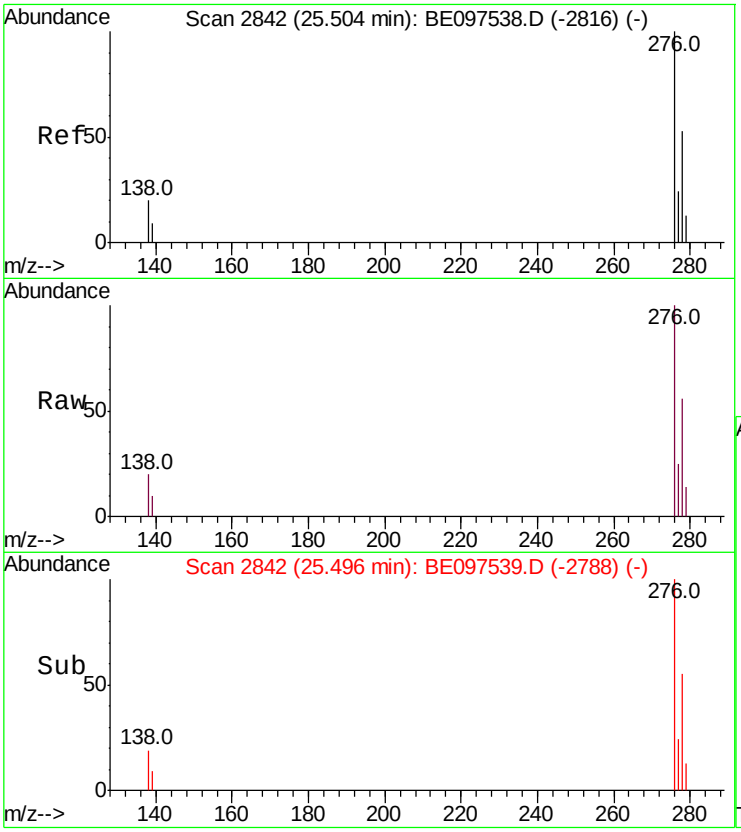


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.524 ng
RT: 20.91 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:149 Resp: 25521

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



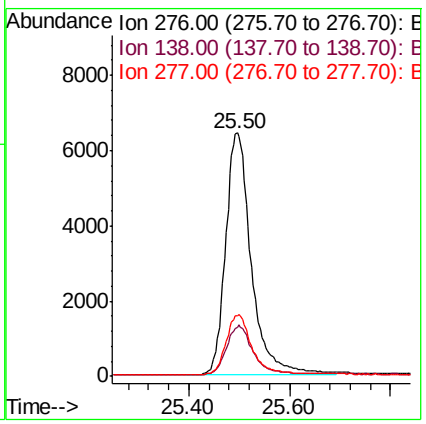


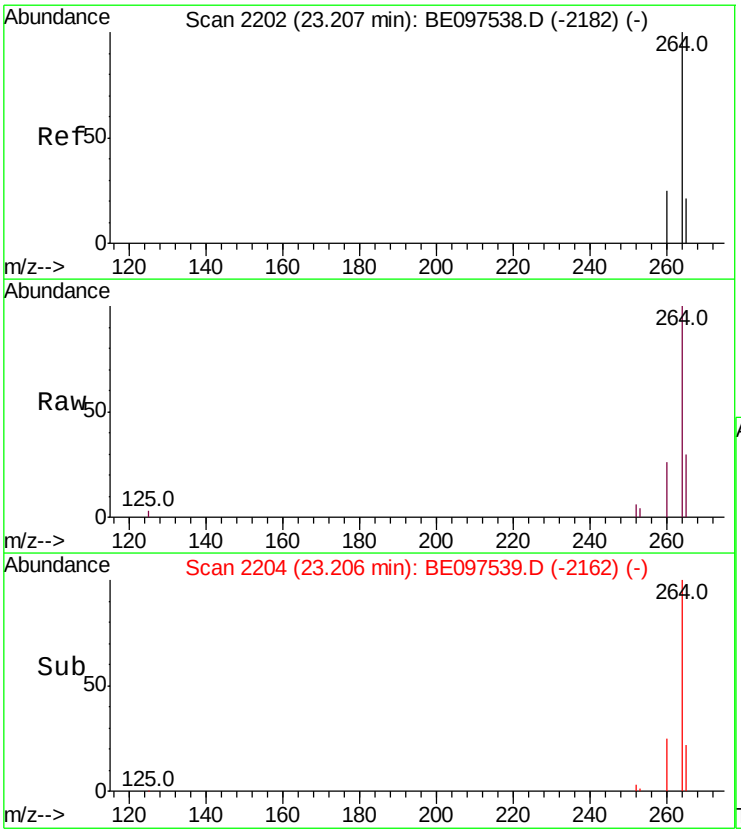
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.811 ng
RT: 25.50 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22742

Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.5	33.7#
277	24.9	19.9	29.9

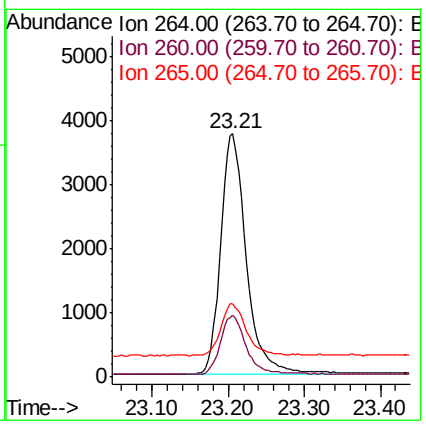


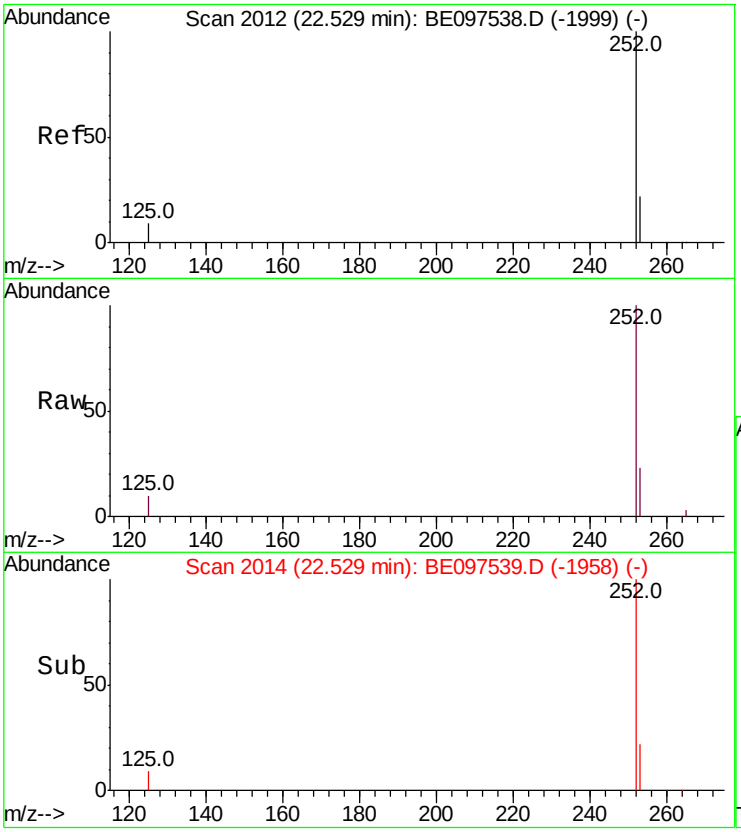


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:264 Resp: 8703

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	30.1	22.8	34.2



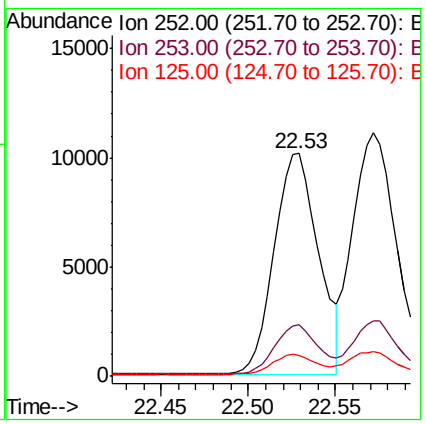


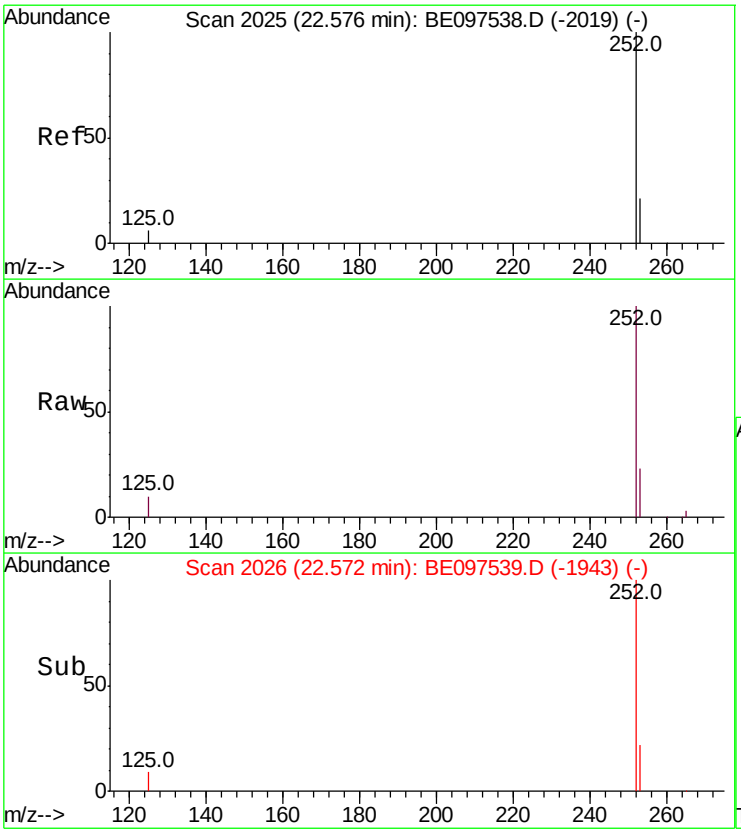
#35
Benzo(b)fluoranthene
Concen: 0.805 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17914

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.0	30.0
125	9.5	16.0	24.0#

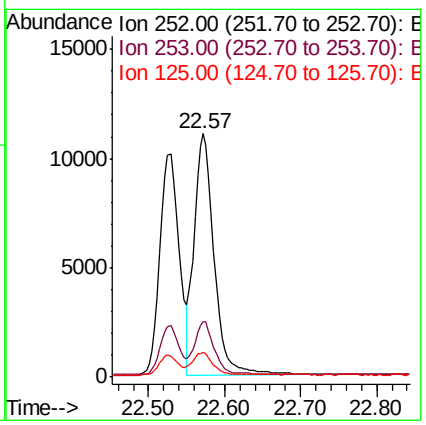


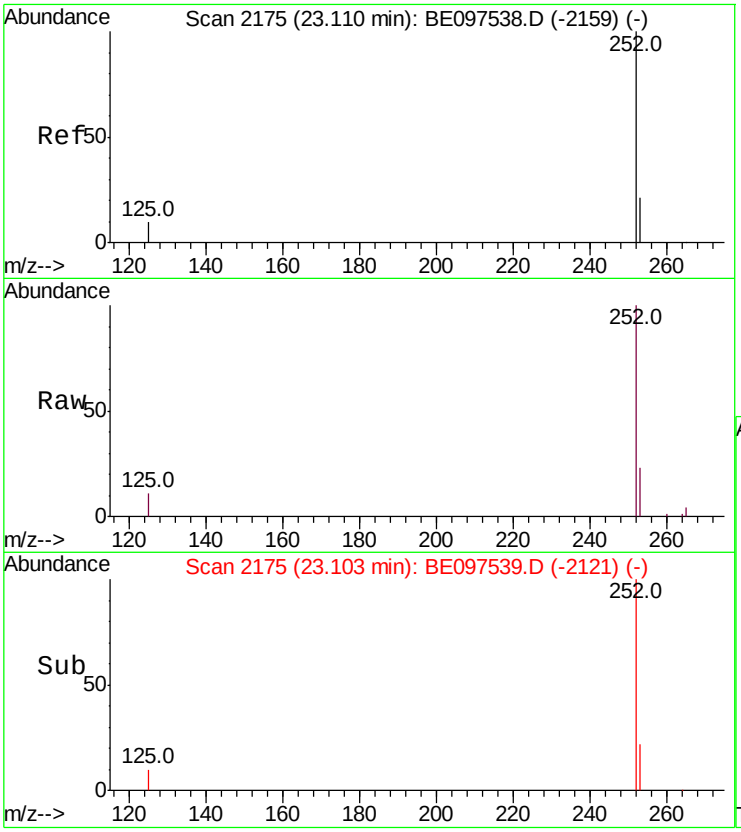


#36
Benzo(k)fluoranthene
Concen: 0.834 ng
RT: 22.57 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:252 Resp: 20235

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	10.0	8.0	12.0



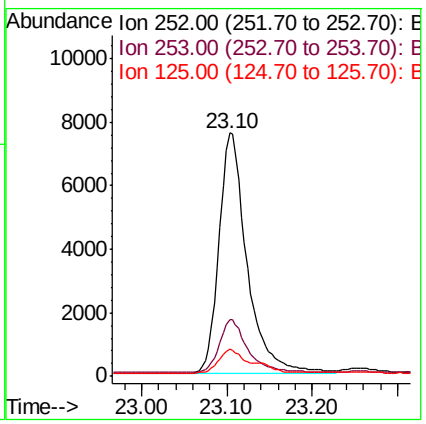


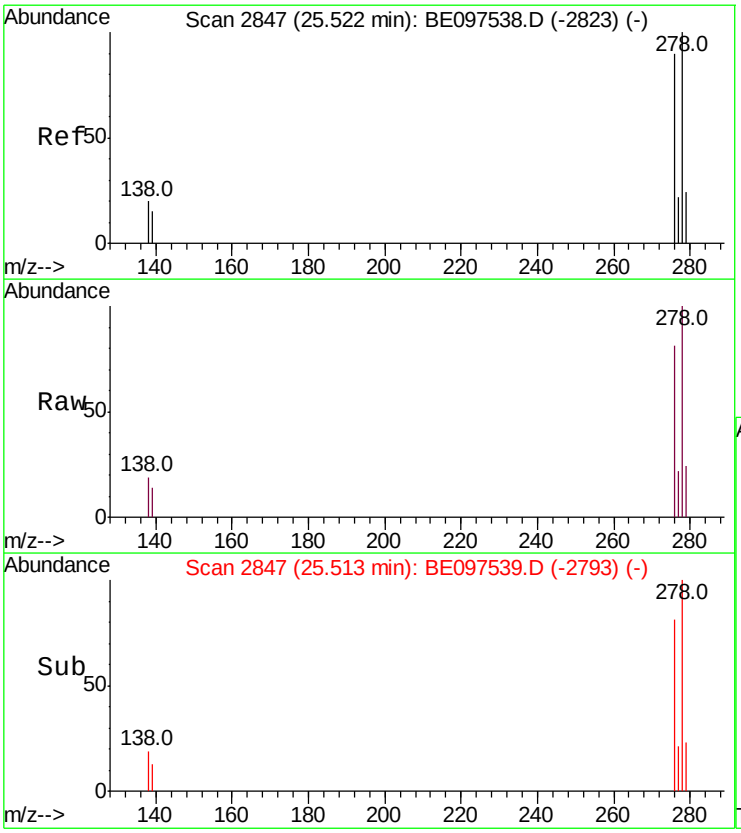
#37
Benzo(a)pyrene
Concen: 0.784 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17334

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	11.1	12.0	18.0#

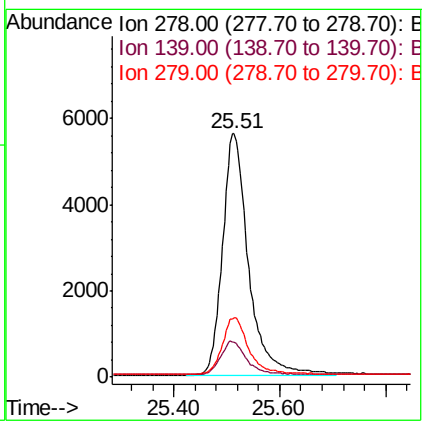


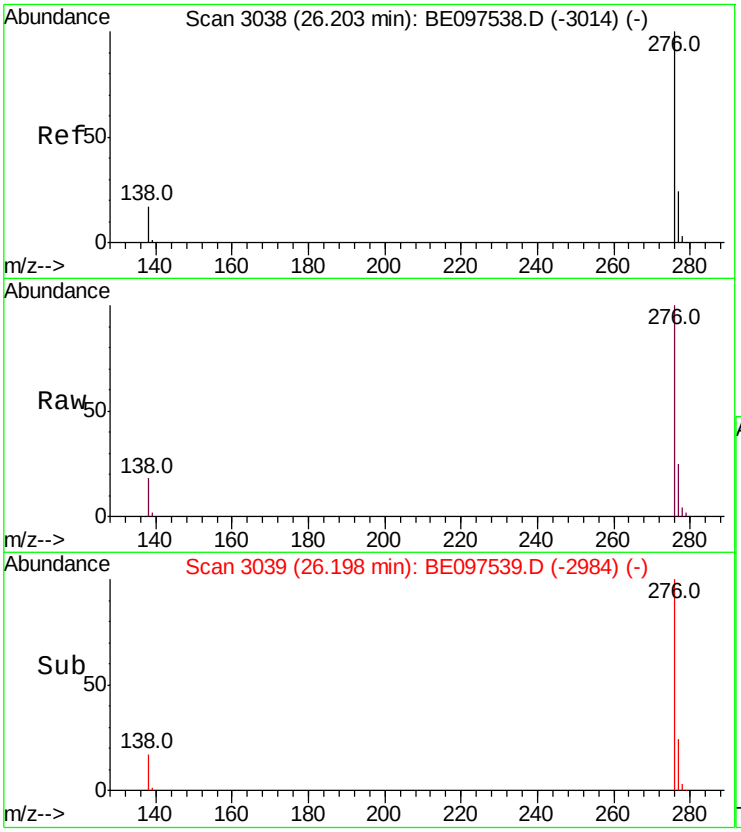


#38
Dibenzo(a,h)anthracene
Concen: 0.827 ng
RT: 25.51 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Tgt Ion:278 Resp: 19068

Ion	Ratio	Lower	Upper
278	100		
139	14.3	16.0	24.0#
279	24.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.791 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE097539.D
Acq: 19 Sep 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 18627

Ion	Ratio	Lower	Upper
276	100		
277	25.1	16.0	24.0#
138	18.3	20.0	30.0#