Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
Data File : BE097331.D
Acq On : 20 Aug 2018 14:12
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 20 16:08:53 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 16:08:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	868	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	4339	0.40	ng		0.01
13) Acenaphthene-d10	14.01	164	1832	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	4936	0.40	ng		0.01
27) Chrysene-d12	20.98	240	3440	0.40	ng		0.00
34) Perylene-d12	23.22	264	2644	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	226	0.08	ng		0.01
5) Phenol-d6	6.61	99	290	0.07	ng		0.01
8) Nitrobenzene-d5	8.53	82	167	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	11.74	152	578	0.09	ng		0.02
14) 2,4,6-Tribromophenol	15.54	330	27	0.04	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	900	0.13	ng		0.01
25) Fluoranthene-d10	18.82	212	4035	0.08	ng		0.01
29) Terphenyl-d14	19.44	244	785	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	190	0.195	ng	#	75
3) n-Nitrosodimethylamine	3.39	42	125	0.111	ng	#	70
6) bis(2-Chloroethyl)ether	6.84	93	303	0.093	ng		95
9) Naphthalene	10.18	128	4345	0.107	ng	#	95
10) Hexachlorobutadiene	10.48	225	205	0.112	ng		96
12) 2-Methylnaphthalene	11.82	142	573	0.086	ng	#	95
16) Acenaphthylene	13.74	152	729	0.086	ng		99
17) Acenaphthene	14.08	154	528	0.109	ng	#	82
18) Fluorene	15.07	166	638	0.106	ng	#	79
20) 4-Bromophenyl-phenylether	15.98	248	211	0.082	ng	#	83
21) Hexachlorobenzene	16.09	284	338	0.116	ng	#	81
22) Pentachlorophenol	16.41	266	1	0.002	ng		91
23) Phenanthrene	16.81	178	1285	0.108	ng		98
24) Anthracene	16.92	178	851	0.080	ng	#	96
26) Fluoranthene	18.85	202	1063	0.081	ng		98
28) Pyrene	19.21	202	1006	0.108	ng		99
30) Benzo(a)anthracene	20.97	228	756	0.087	ng	#	91
31) Chrysene	21.02	228	1083	0.122	ng	#	90
32) Bis(2-ethylhexyl)phthalate	20.92	149	578	0.052	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.55	276	612	0.064	ng	#	70
35) Benzo(b)fluoranthene	22.55	252	691	0.105	ng	#	90
36) Benzo(k)fluoranthene	22.59	252	962	0.120	ng	#	73
37) Benzo(a)pyrene	23.12	252	600	0.091	ng	#	57
38) Dibenzo(a,h)anthracene	25.56	278	157	0.024	ng	#	42
39) Benzo(g,h,i)perylene	26.24	276	503	0.076	ng	#	53

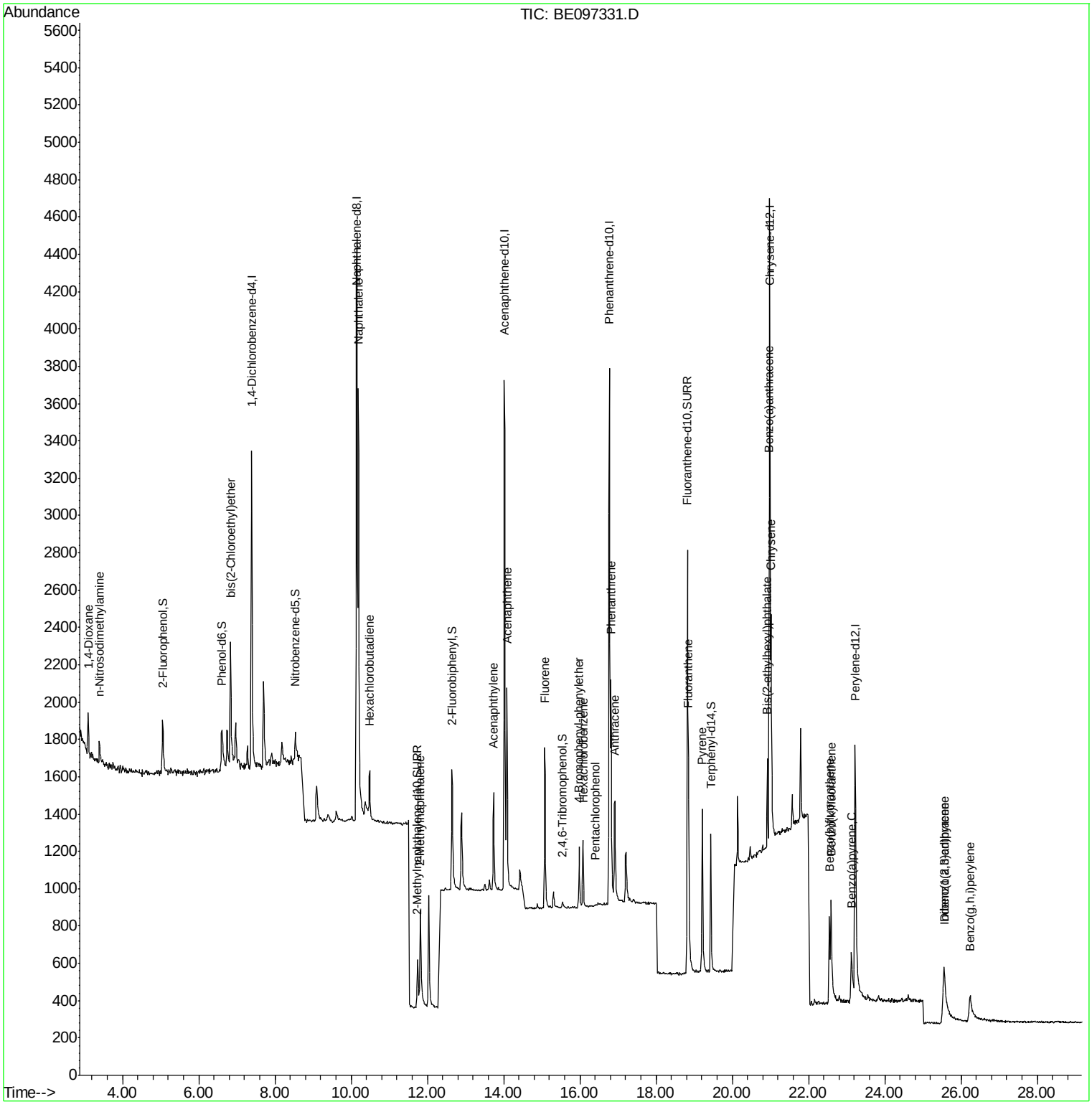
(#) = qualifier out of range (m) = manual integration (+) = signals summed

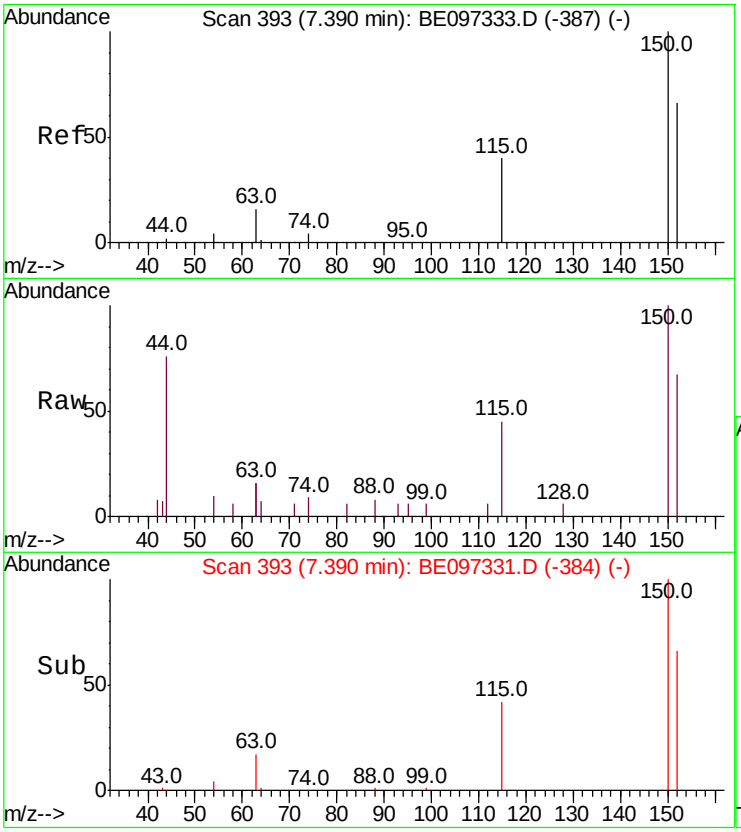
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
Data File : BE097331.D
Acq On : 20 Aug 2018 14:12
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 20 16:08:53 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 16:08:48 2018
Response via : Initial Calibration



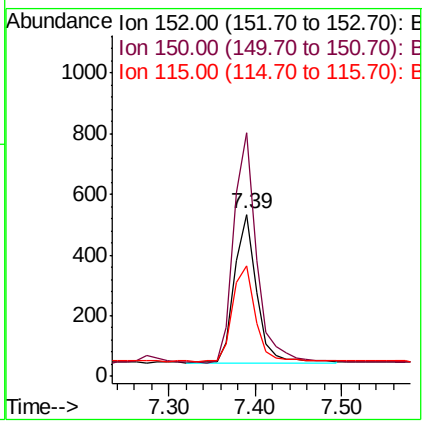


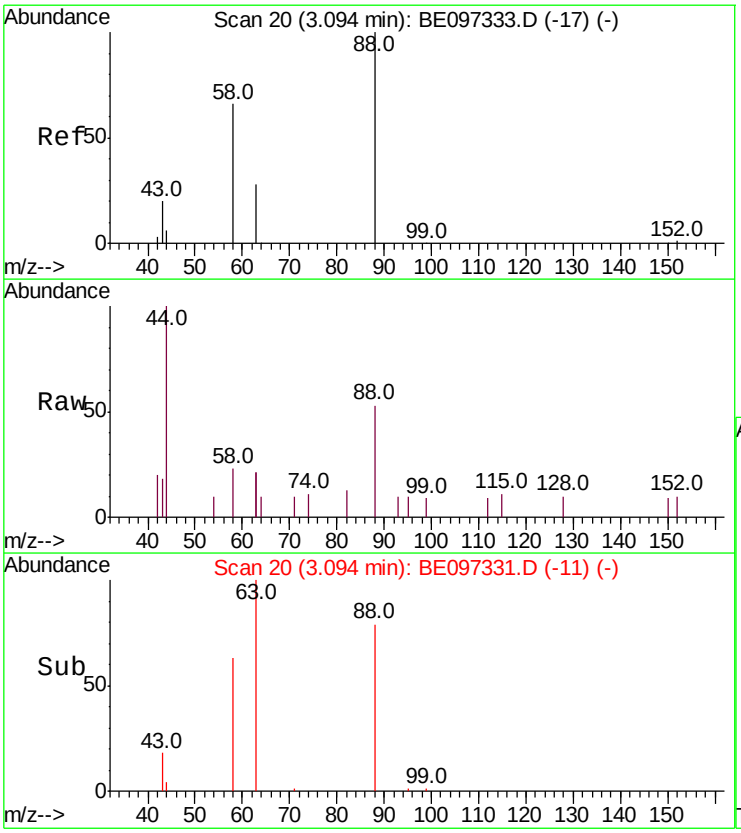
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 868

Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.2	175.8
115	68.0	57.0	85.6

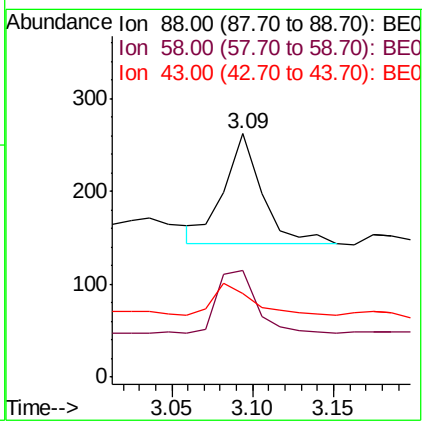


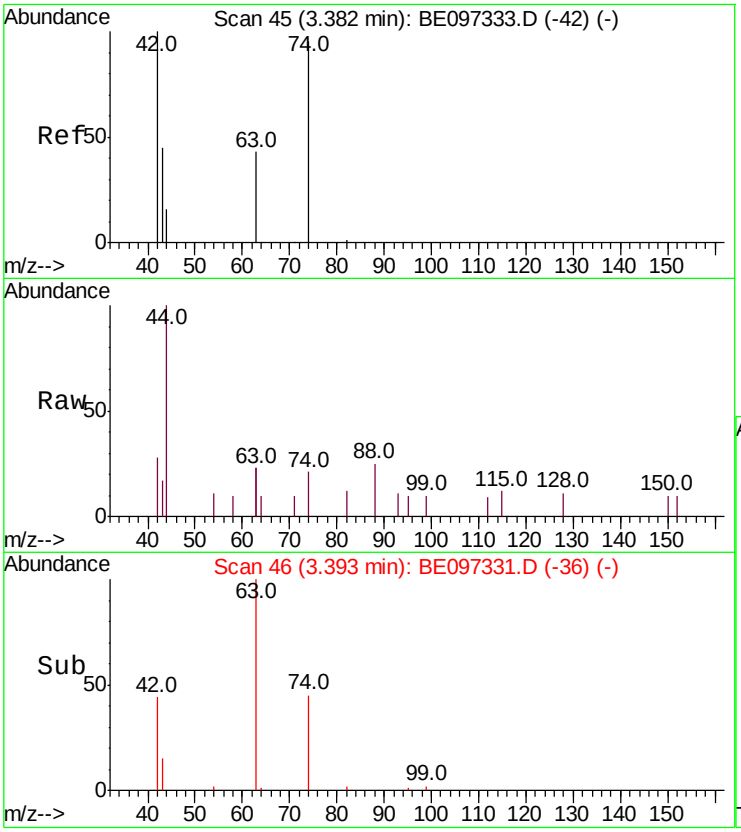


#2
1,4-Dioxane
Concen: 0.195 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion: 88 Resp: 190

Ion	Ratio	Lower	Upper
88	100		
58	60.5	63.2	94.8#
43	28.9	41.2	61.8#



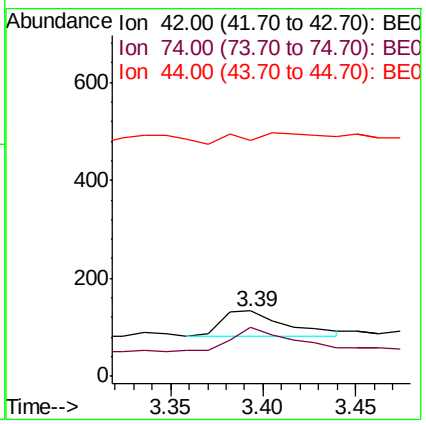


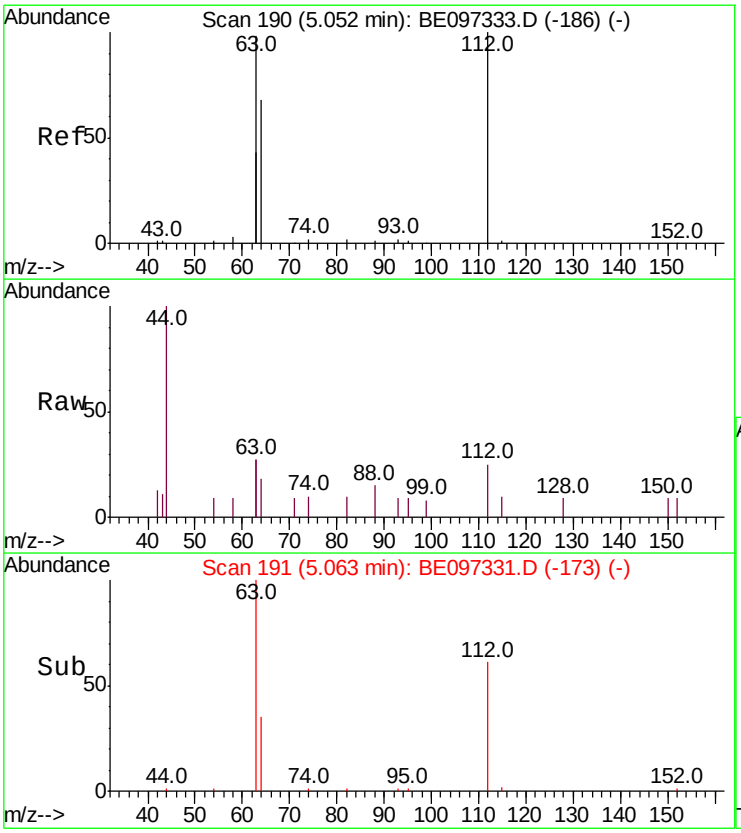
#3
n-Nitrosodimethylamine
Concen: 0.111 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 125

Ion	Ratio	Lower	Upper
42	100		
74	95.2	96.0	144.0#
44	54.4	12.0	18.0#

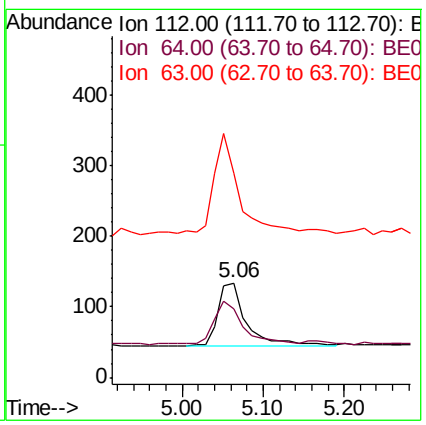


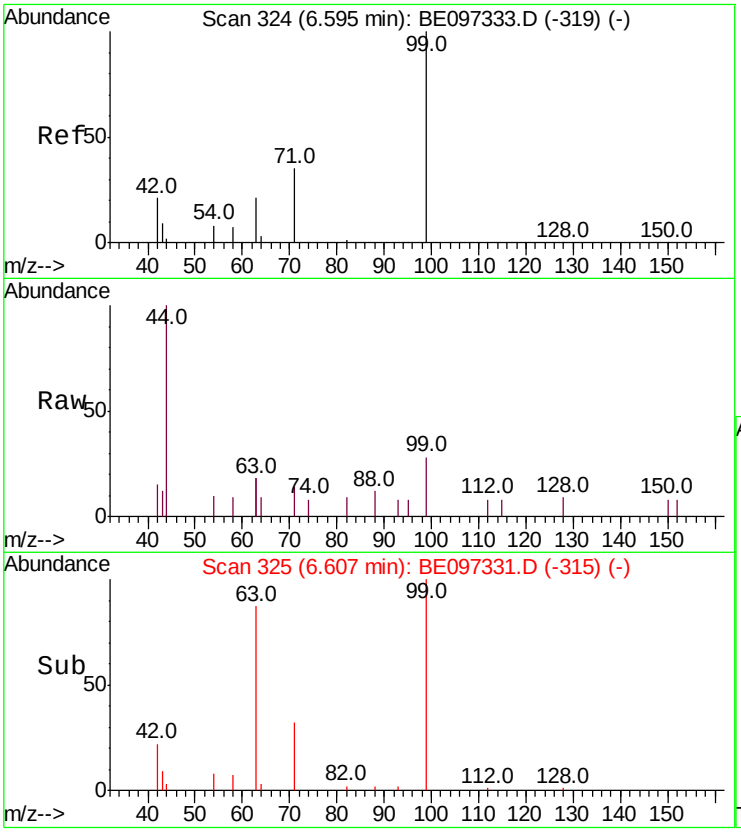


#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:112 Resp: 226

Ion	Ratio	Lower	Upper
112	100		
64	73.0	60.1	90.1
63	145.6	116.8	175.2



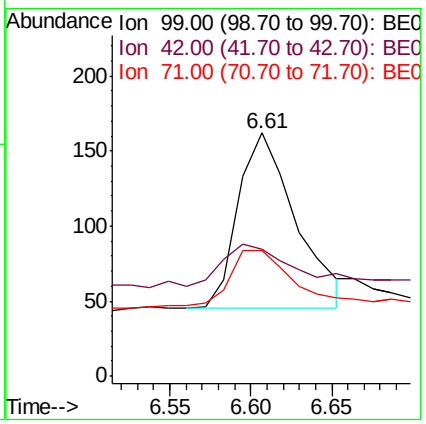


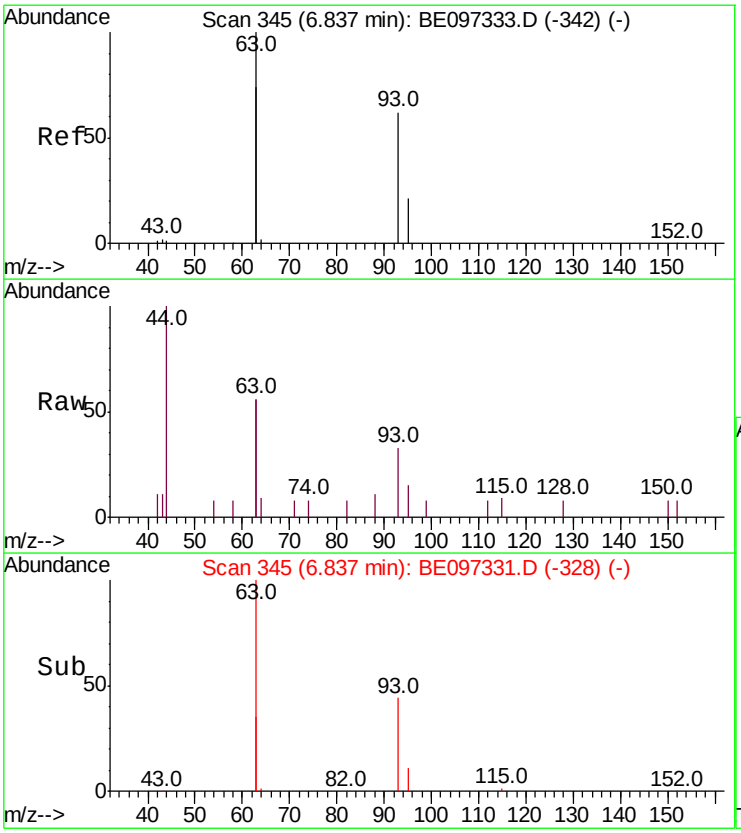
#5
Phenol-d6
Concen: 0.071 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 290

Ion	Ratio	Lower	Upper
99	100		
42	29.0	20.2	30.2
71	37.9	28.4	42.6

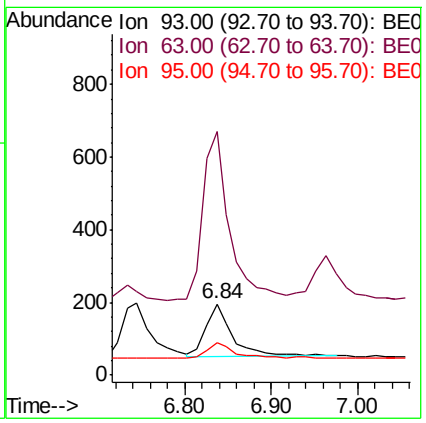


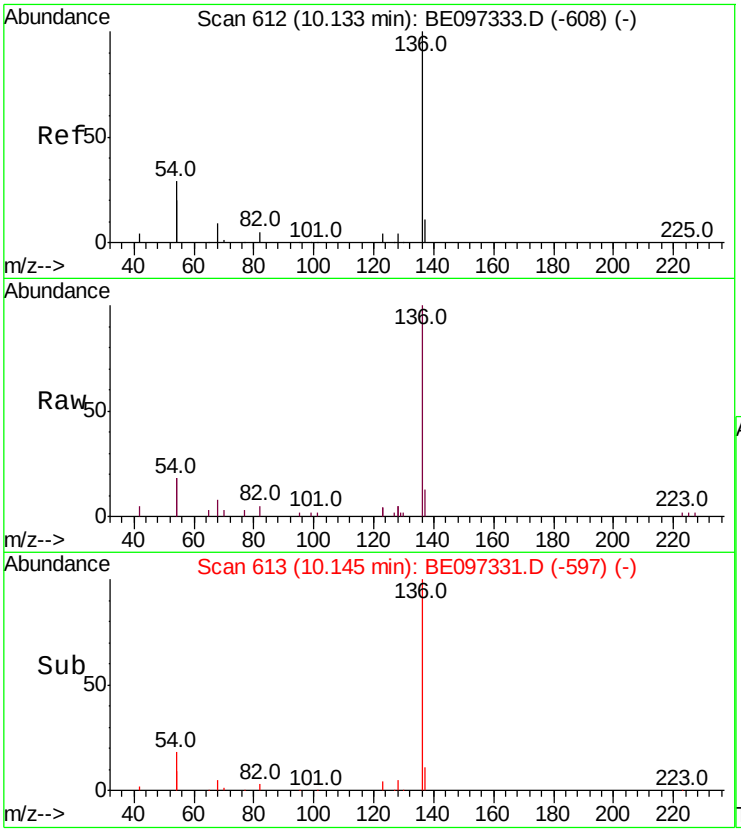


#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion: 93 Resp: 303

Ion	Ratio	Lower	Upper
93	100		
63	333.0	275.3	412.9
95	29.7	25.2	37.8



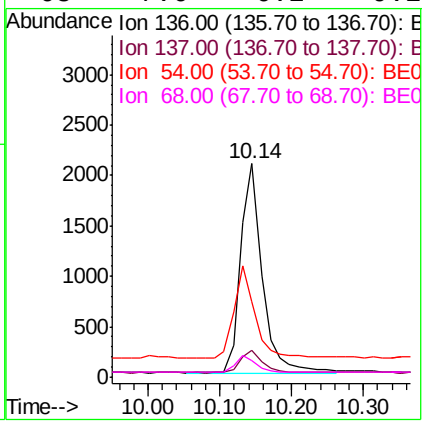


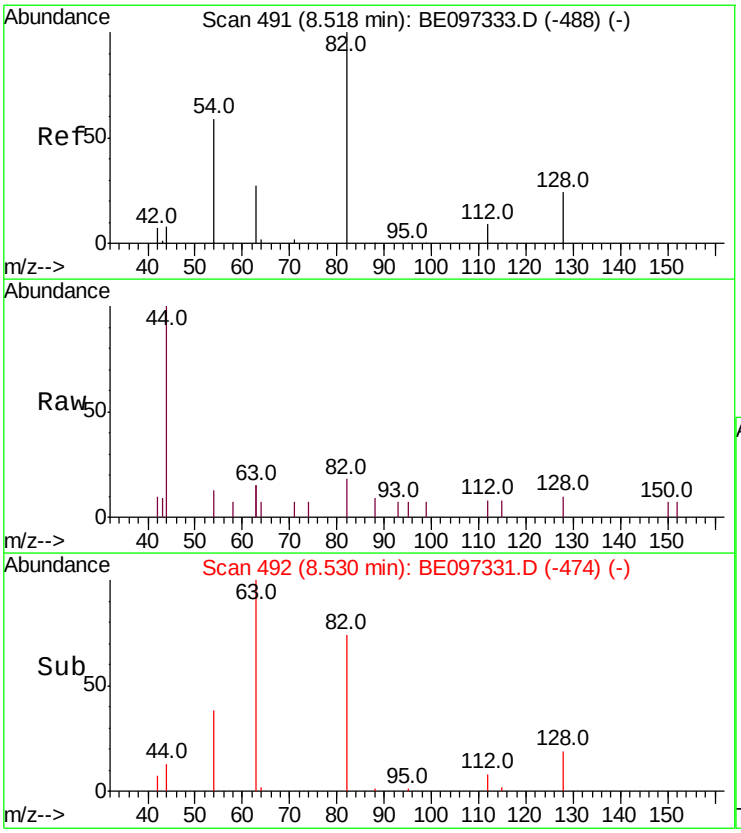
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 613
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4339

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	35.3	29.1	43.7
68	7.6	6.2	9.2

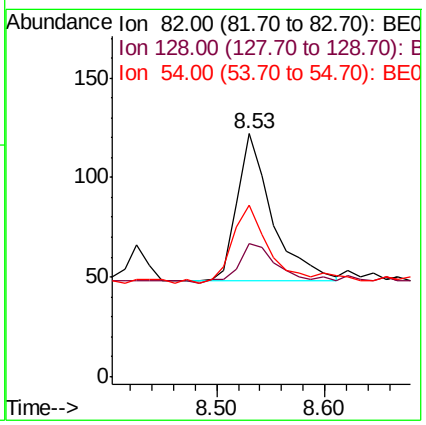


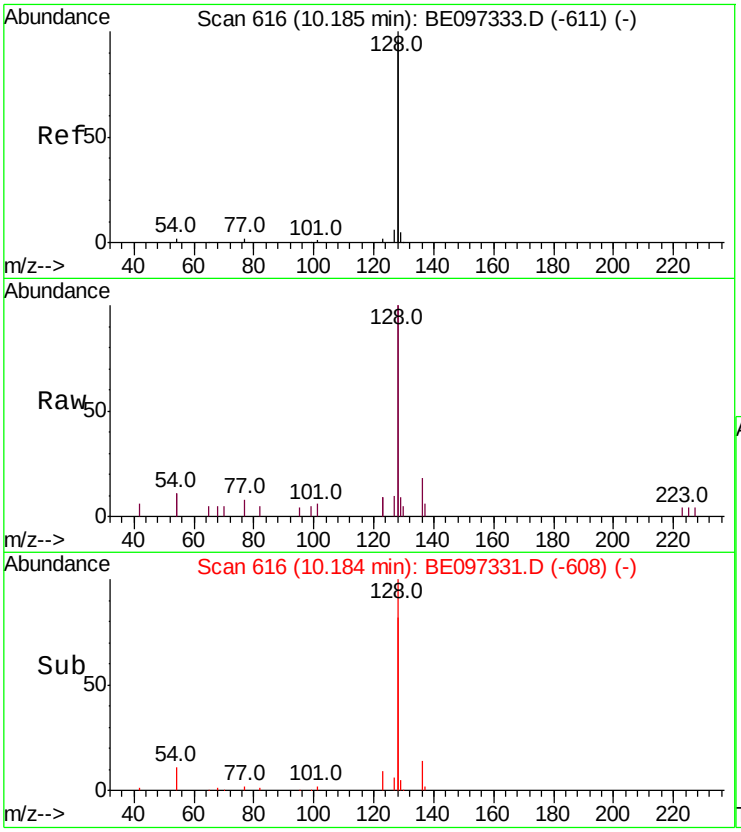


#8
Nitrobenzene-d5
Concen: 0.042 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion: 82 Resp: 167

Ion	Ratio	Lower	Upper
82	100		
128	54.9	24.0	36.0#
54	70.5	40.0	60.0#



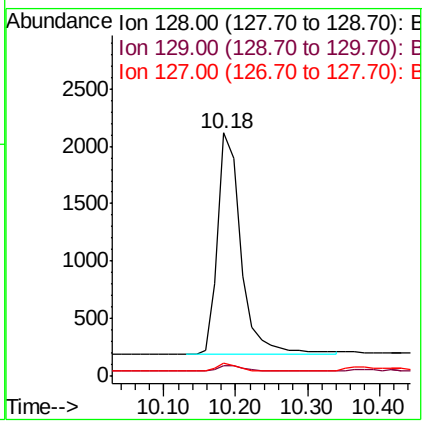


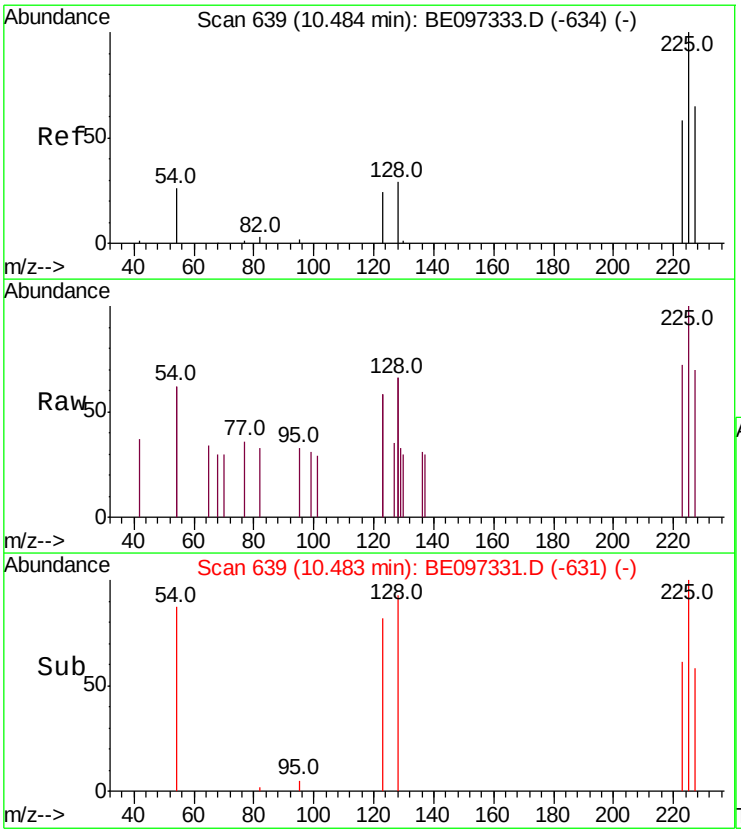
#9
Naphthalene
Concen: 0.107 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4345

Ion	Ratio	Lower	Upper
128	100		
129	4.5	2.6	3.8#
127	5.2	2.8	4.2#

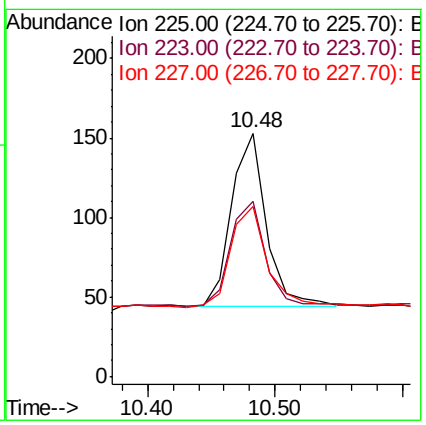


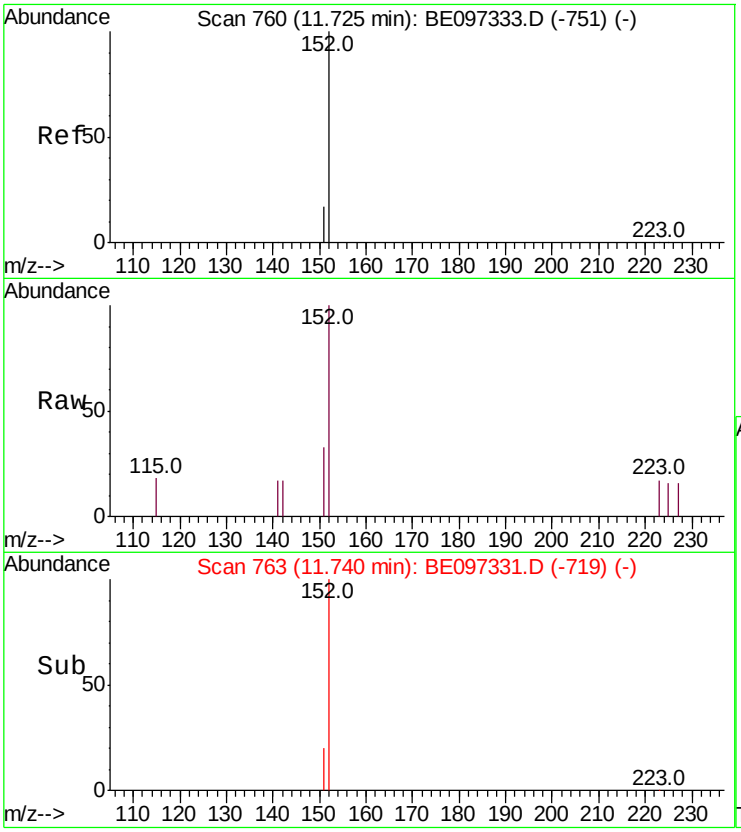


#10
Hexachlorobutadiene
Concen: 0.112 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:225 Resp: 205

Ion	Ratio	Lower	Upper
225	100		
223	62.0	53.0	79.6
227	62.9	51.4	77.2



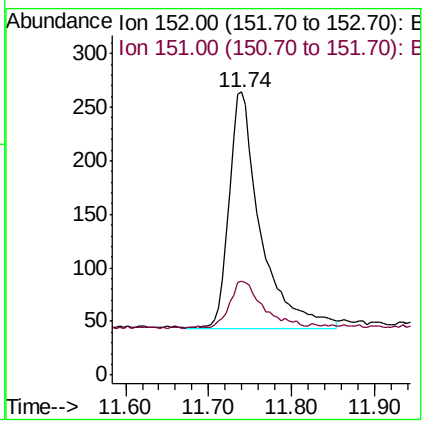


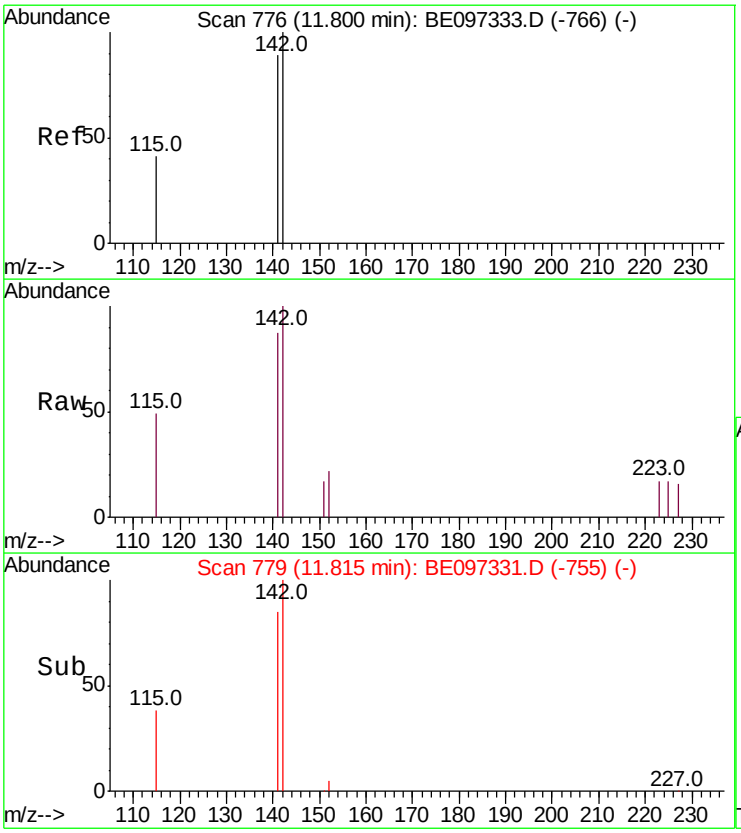
#11
2-Methylnaphthalene-d10
Concen: 0.092 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.02 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 578

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.0

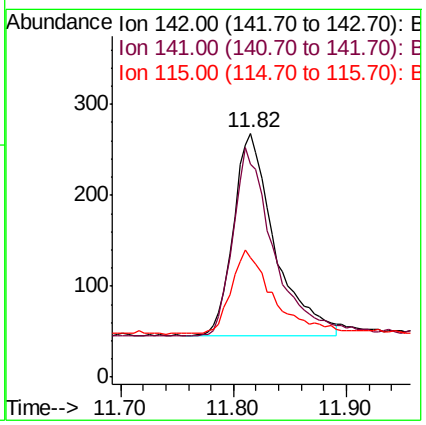


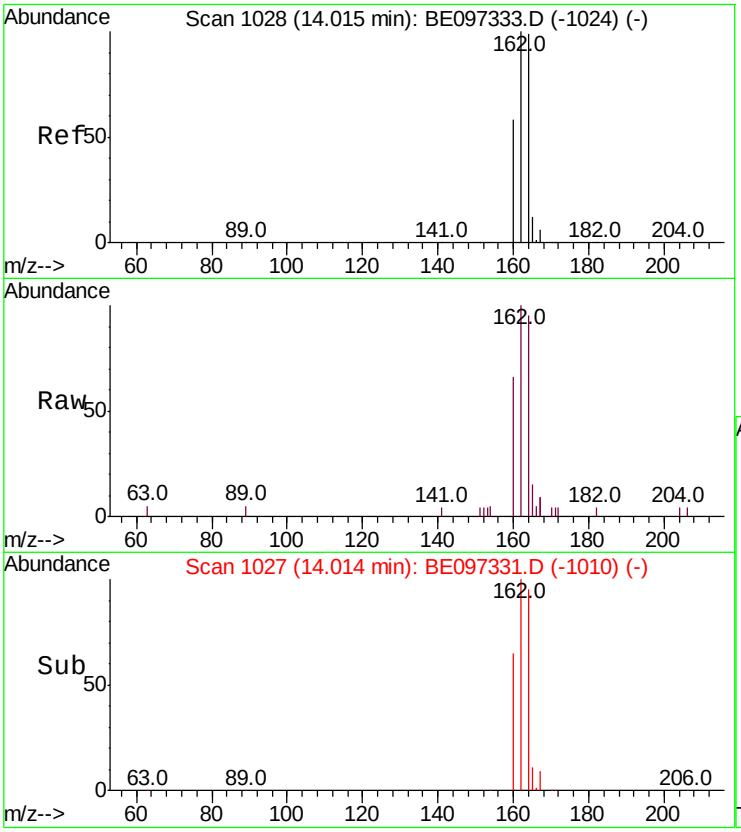


#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 11.82 min Scan# 779
Delta R.T. 0.02 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:142 Resp: 573

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	49.3	31.7	47.5#



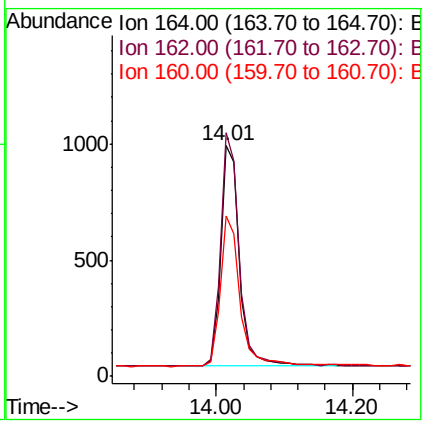


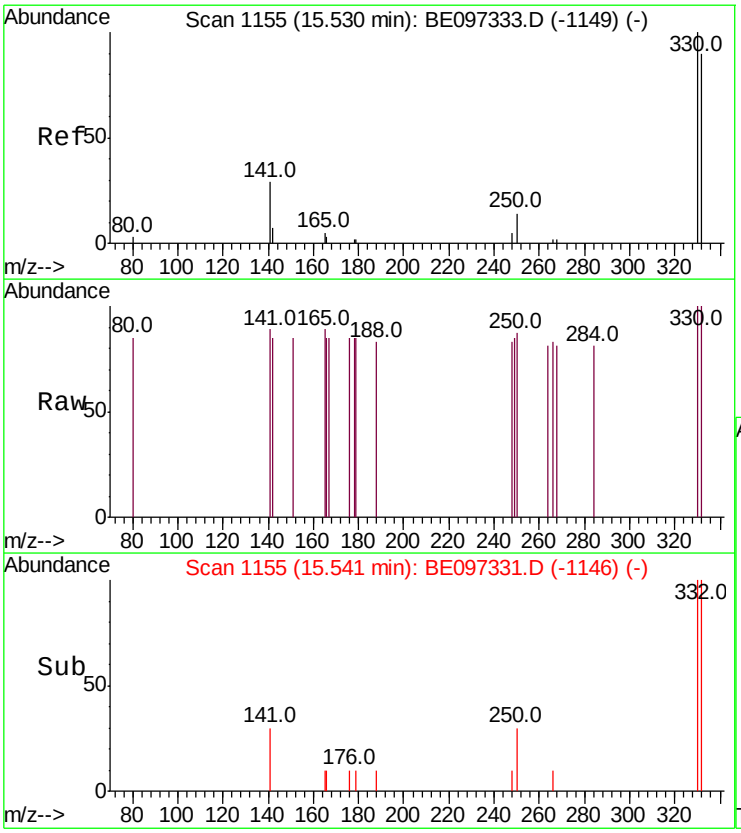
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1832

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.1	124.7
160	69.8	37.1	55.7#

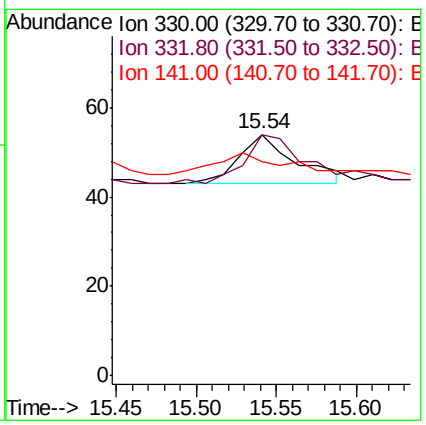


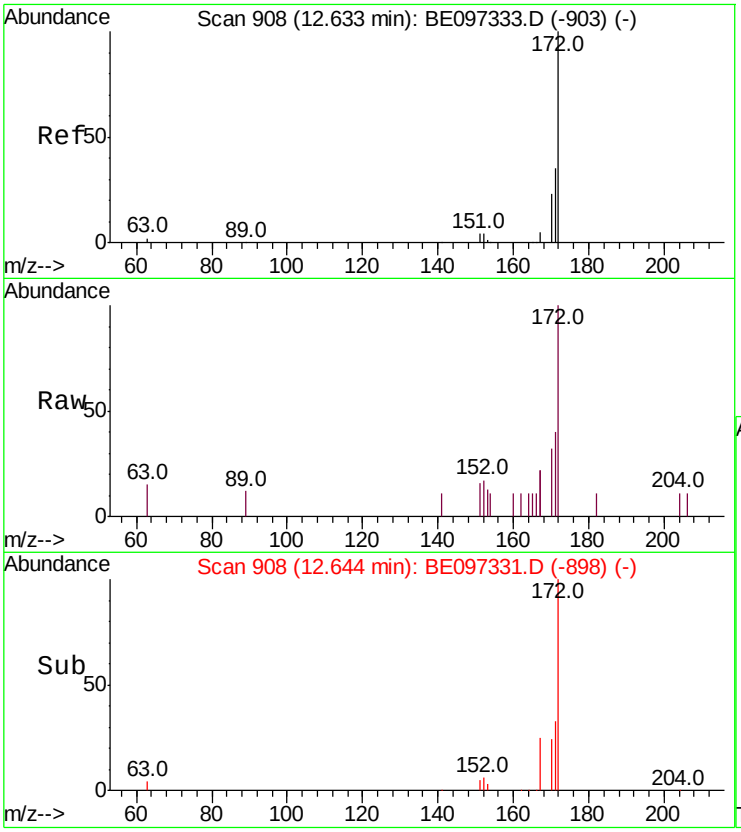


#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 15.54 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:330 Resp: 27

Ion	Ratio	Lower	Upper
330	100		
332	103.7	152.7	229.1#
141	51.9	33.7	50.5#



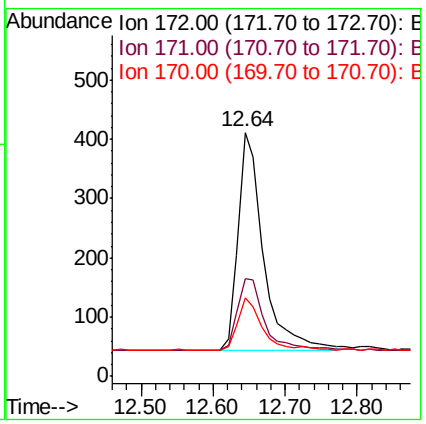


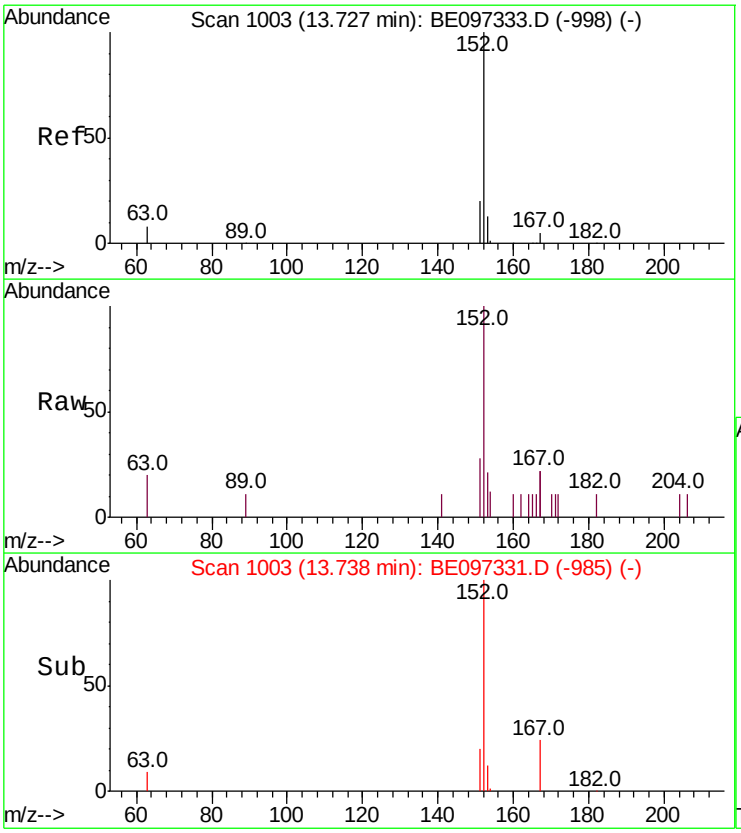
#15
2-Fluorobiphenyl
Concen: 0.131 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 900

Ion	Ratio	Lower	Upper
172	100		
171	40.4	29.9	44.9
170	32.4	21.8	32.8

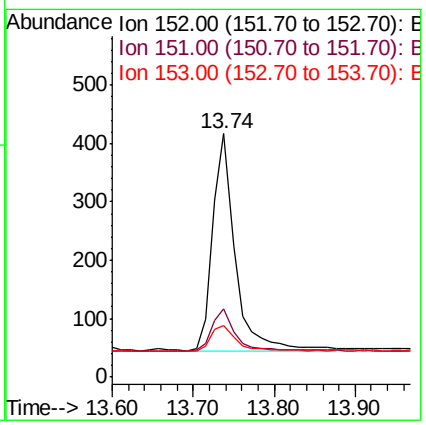


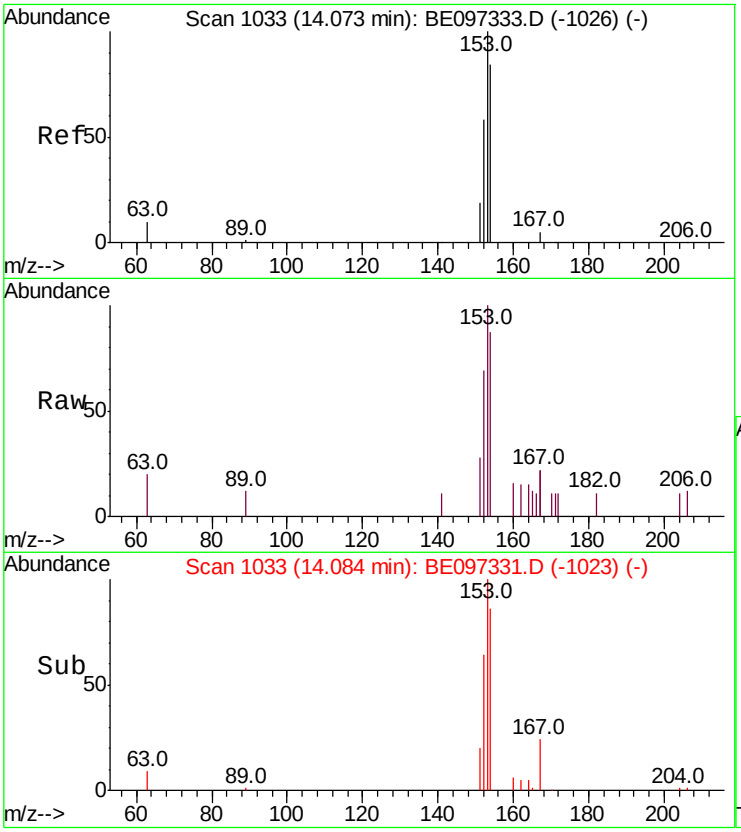


#16
Acenaphthylene
Concen: 0.086 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:152 Resp: 729

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.2	10.5	15.7



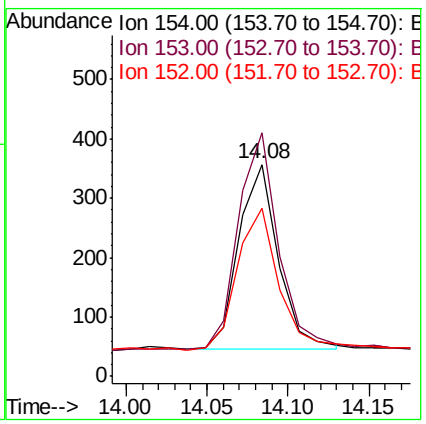


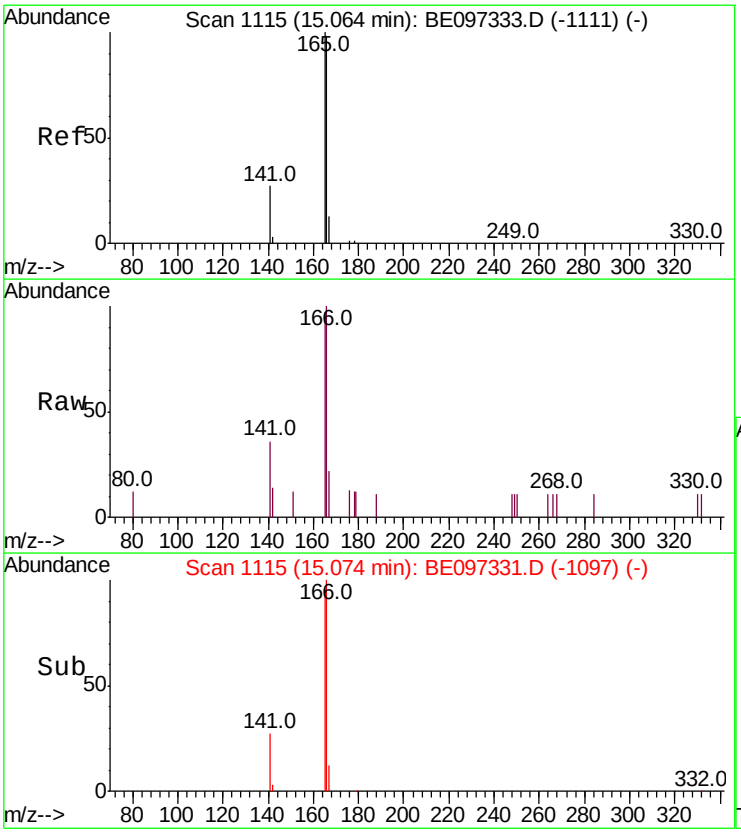
#17
Acenaphthene
Concen: 0.109 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 528

Ion	Ratio	Lower	Upper
154	100		
153	119.7	89.2	133.8
152	80.1	42.0	63.0#

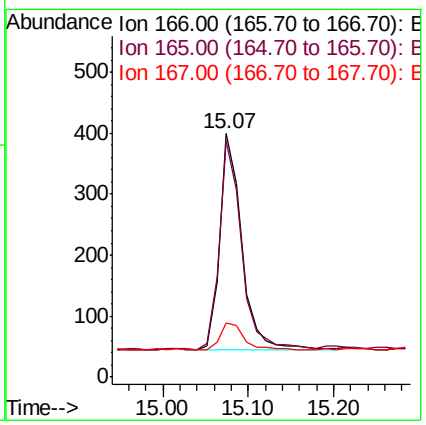


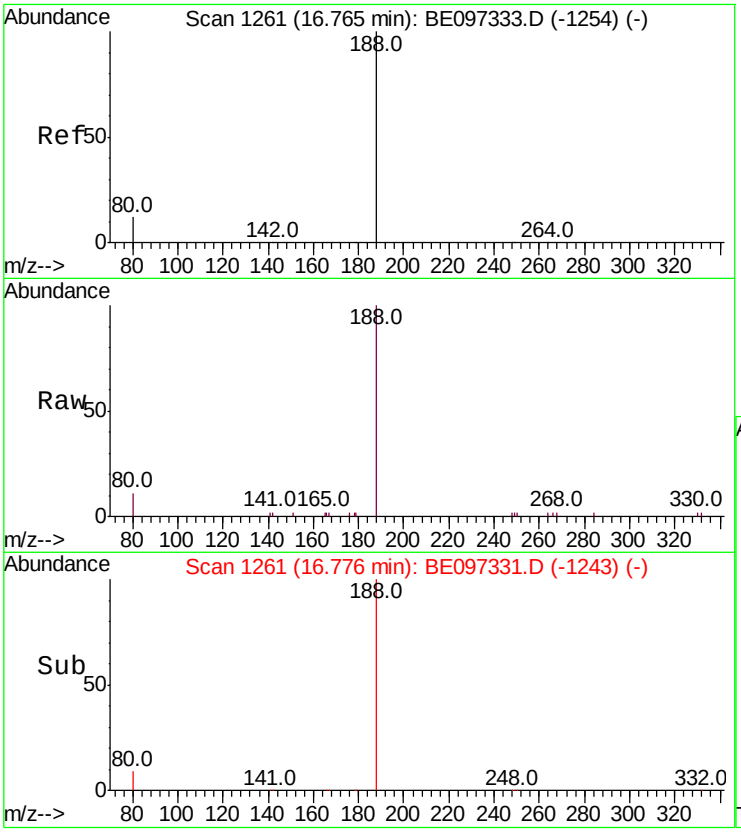


#18
Fluorene
Concen: 0.106 ng
RT: 15.07 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:166 Resp: 638

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.6
167	14.3	42.4	63.6#



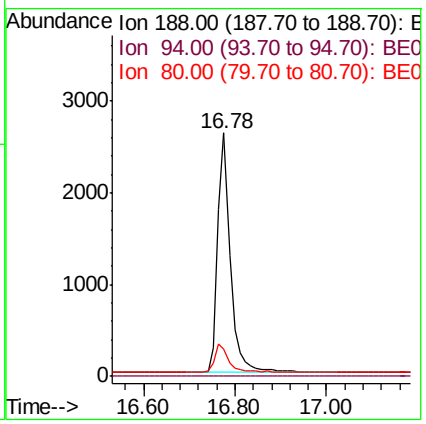


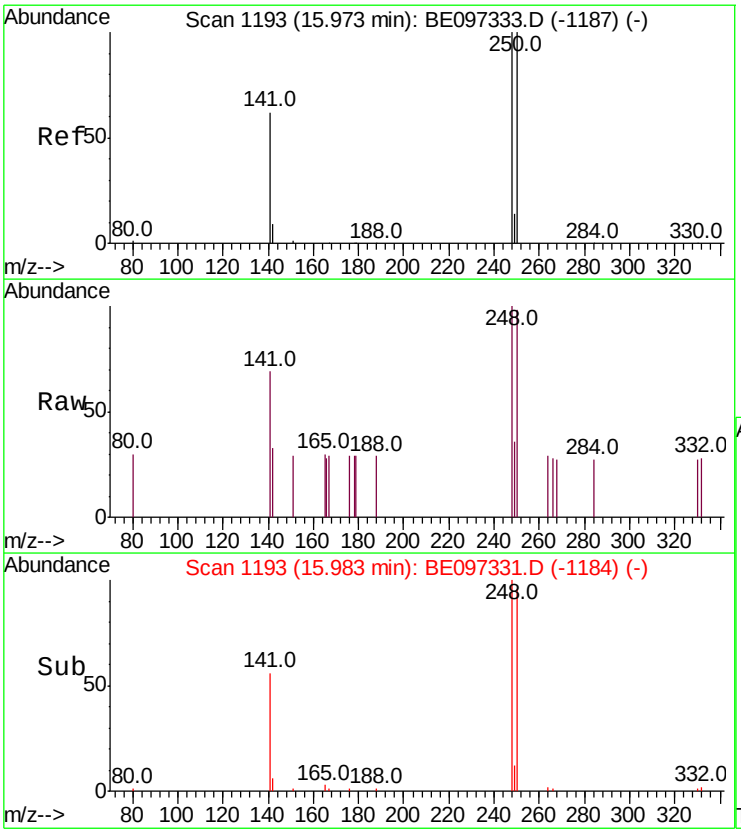
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4936

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.0	3.6	5.4#

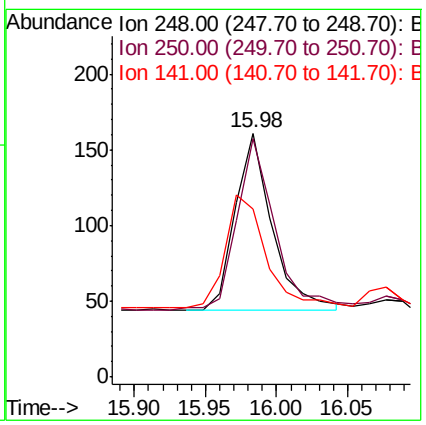


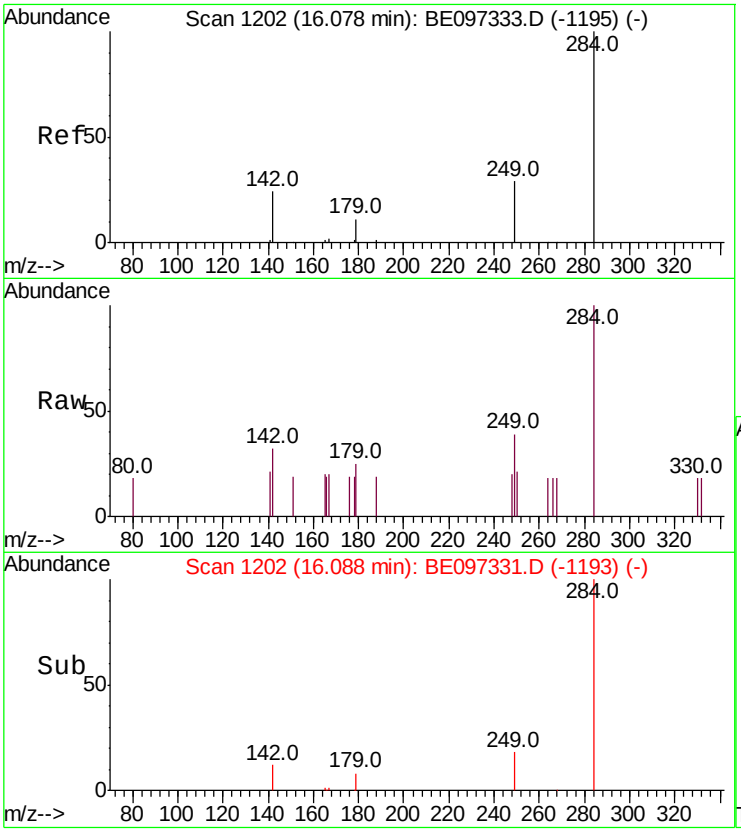


#20
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 15.98 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:248 Resp: 211

Ion	Ratio	Lower	Upper
248	100		
250	97.5	62.7	94.1#
141	68.9	48.2	72.2



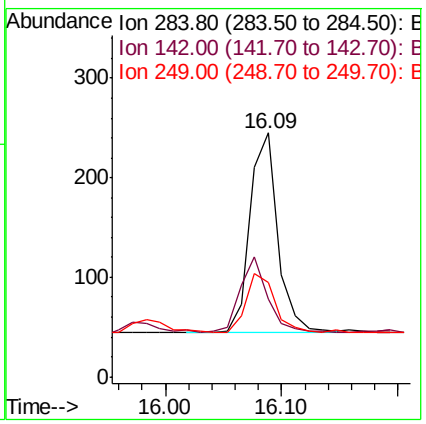


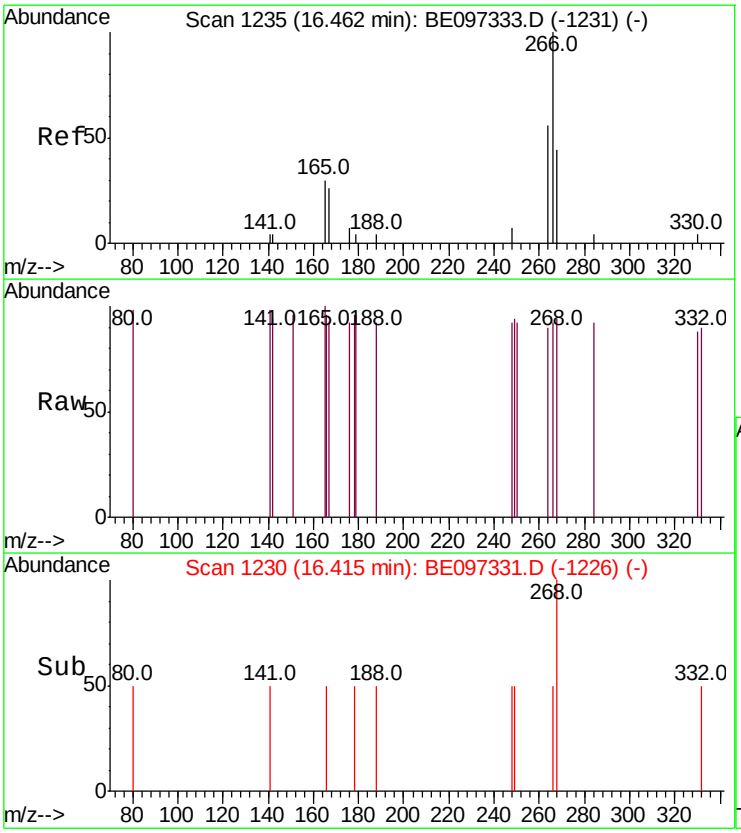
#21
Hexachlorobenzene
Concen: 0.116 ng
RT: 16.09 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 338

Ion	Ratio	Lower	Upper
284	100		
142	36.1	22.1	33.1#
249	29.9	34.8	52.2#

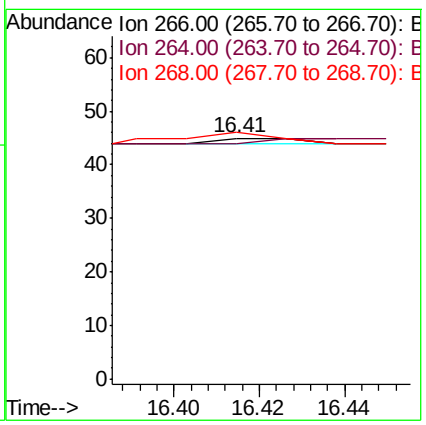


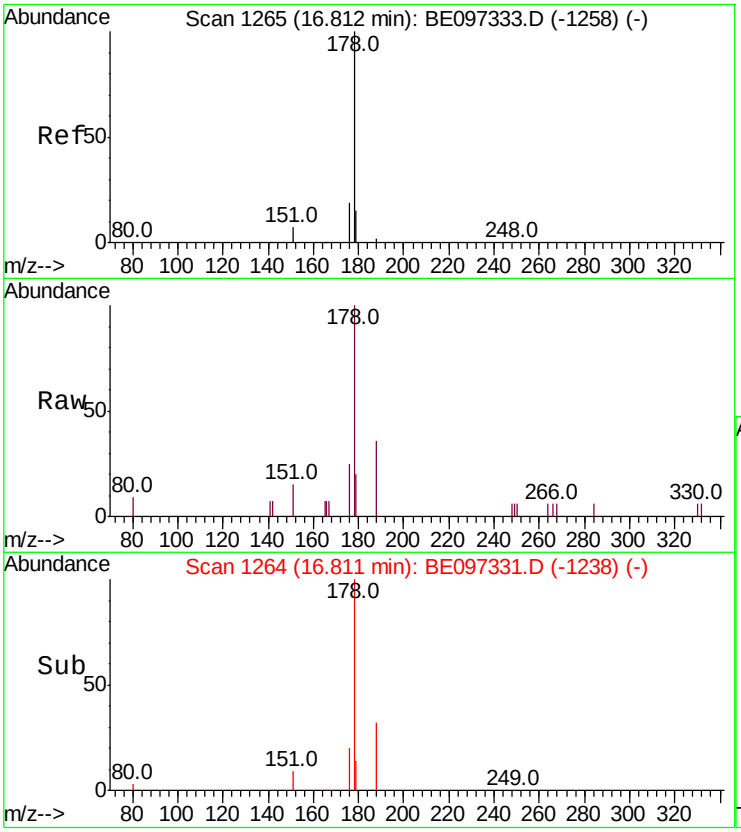


#22
Pentachlorophenol
Concen: 0.002 ng
RT: 16.41 min Scan# 1230
Delta R.T. -0.05 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	102.2	73.8	110.6



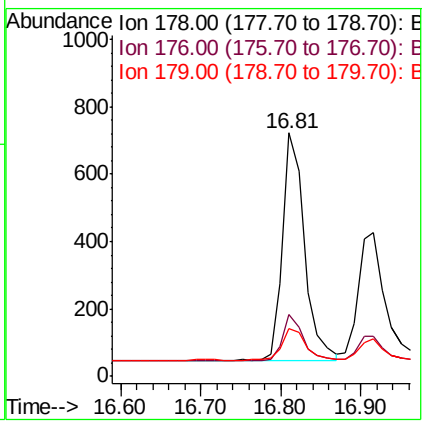


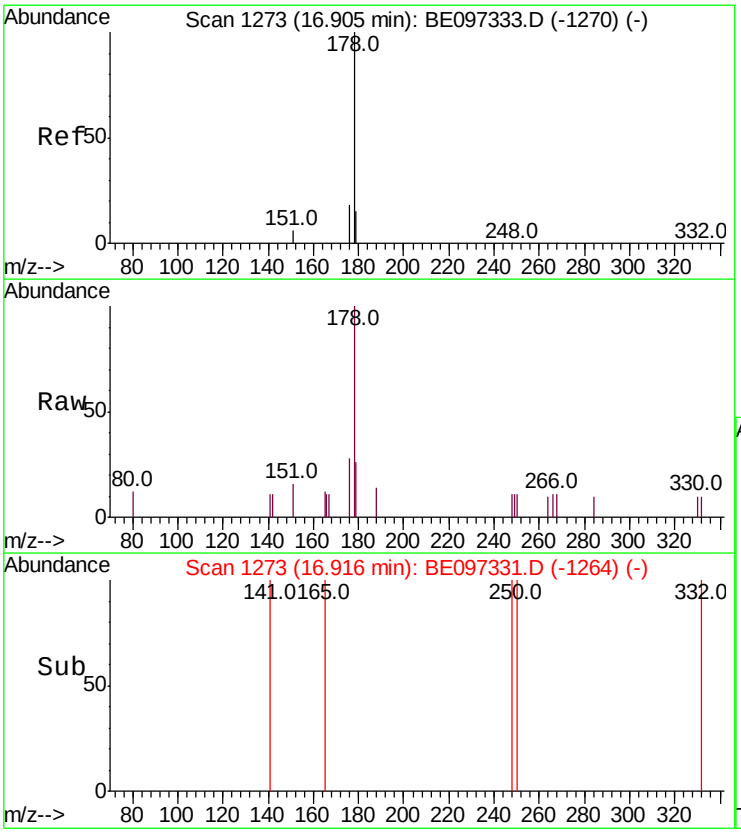
#23
Phenanthrene
Concen: 0.108 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1285

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.4	11.8	17.6

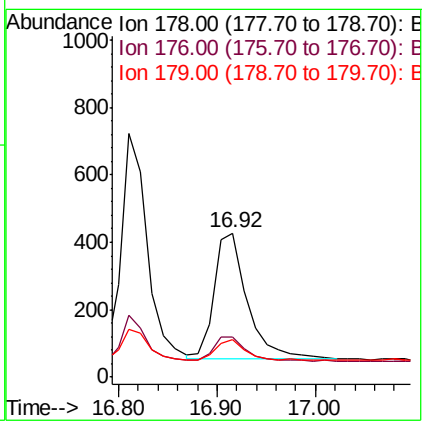


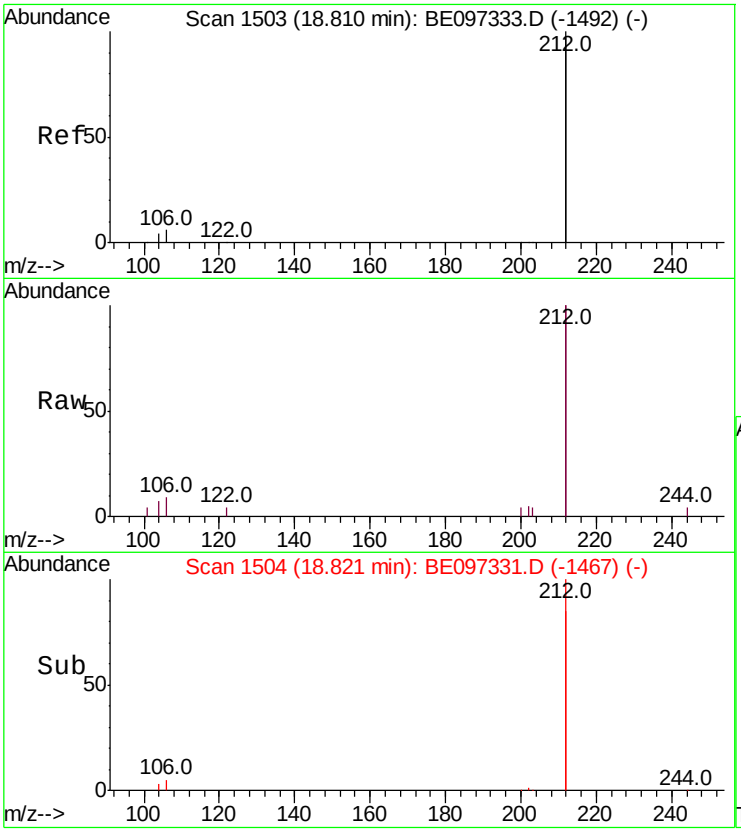


#24
Anthracene
Concen: 0.080 ng
RT: 16.92 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:178 Resp: 851

Ion	Ratio	Lower	Upper
178	100		
176	19.3	12.8	19.2#
179	15.7	13.0	19.6



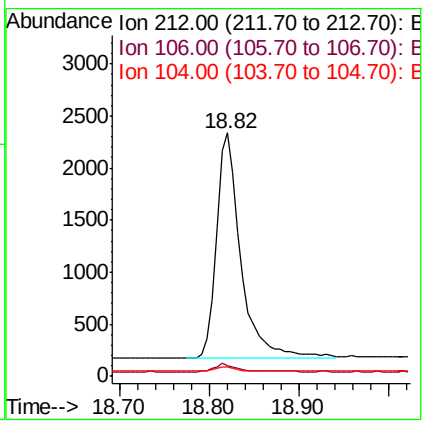


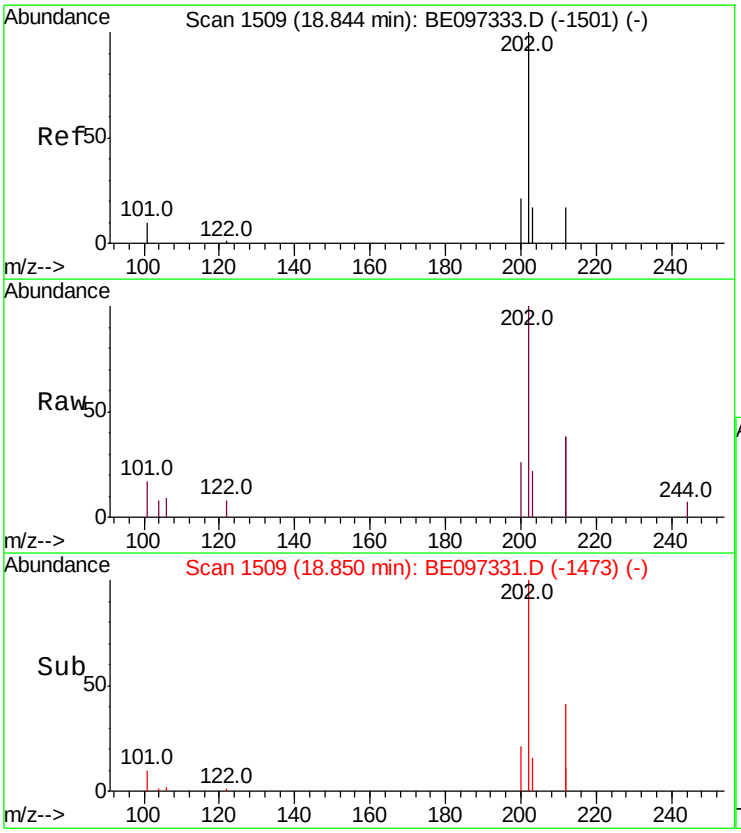
#25
Fluoranthene-d10
Concen: 0.082 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4035

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

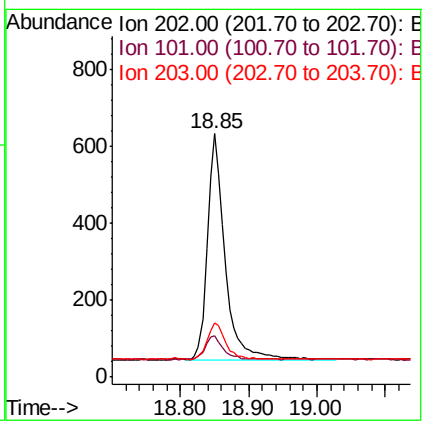


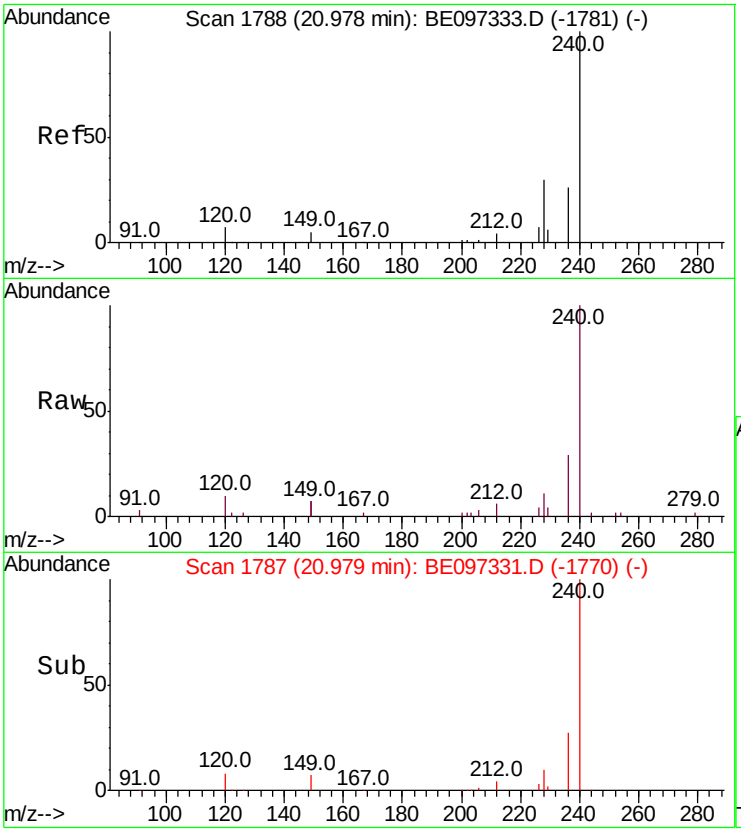


#26
Fluoranthene
Concen: 0.081 ng
RT: 18.85 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:202 Resp: 1063

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.8	13.7	20.5



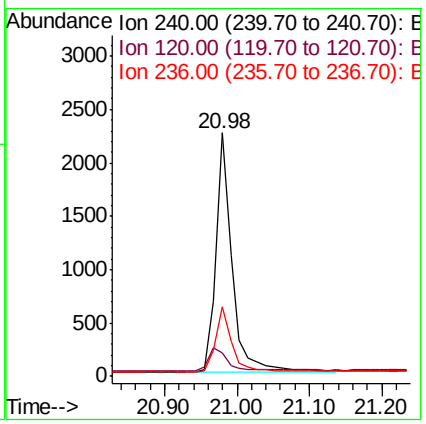


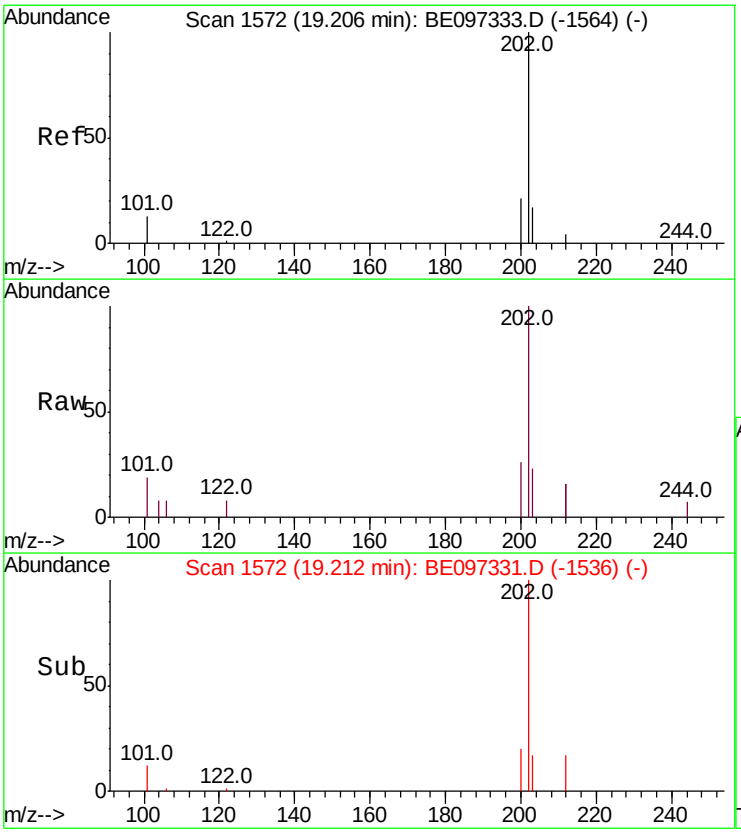
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3440

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.5	8.3#
236	28.7	20.7	31.1

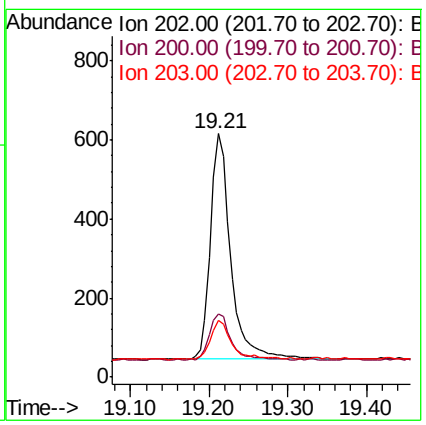


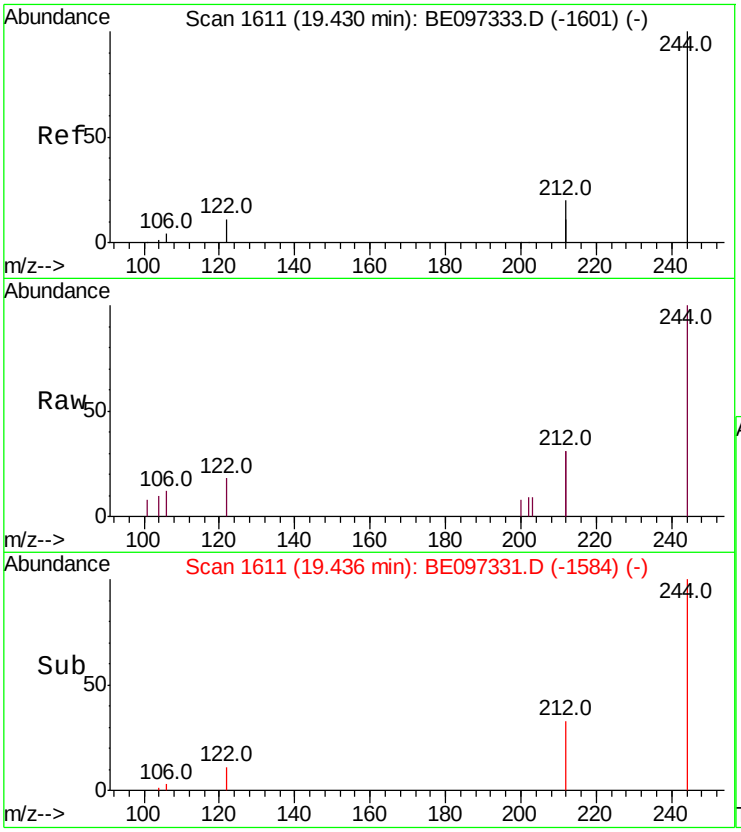


#28
Pyrene
Concen: 0.108 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:202 Resp: 1006

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	16.9	13.8	20.8



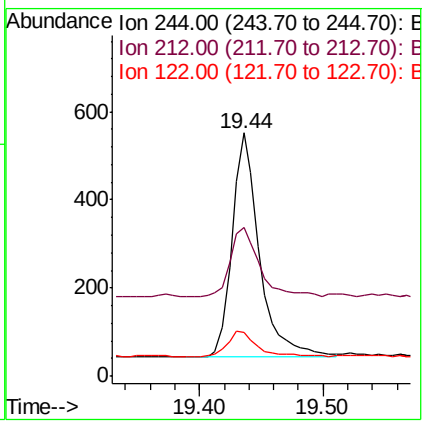


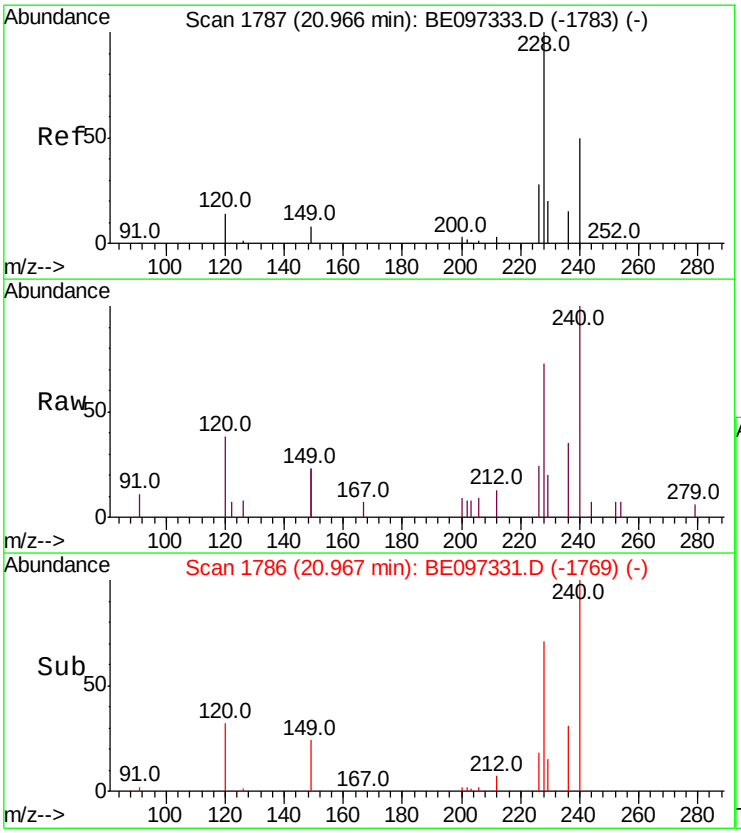
#29
Terphenyl-d14
Concen: 0.121 ng
RT: 19.44 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 785

Ion	Ratio	Lower	Upper
244	100		
212	61.2	25.4	38.0#
122	18.1	8.1	12.1#

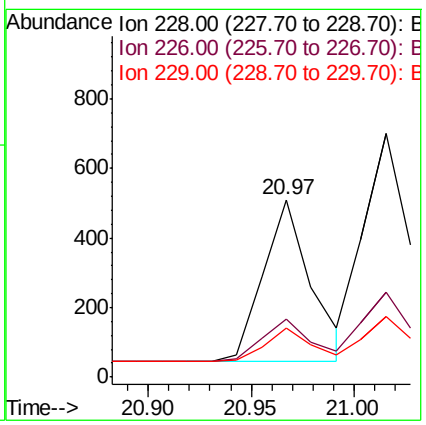


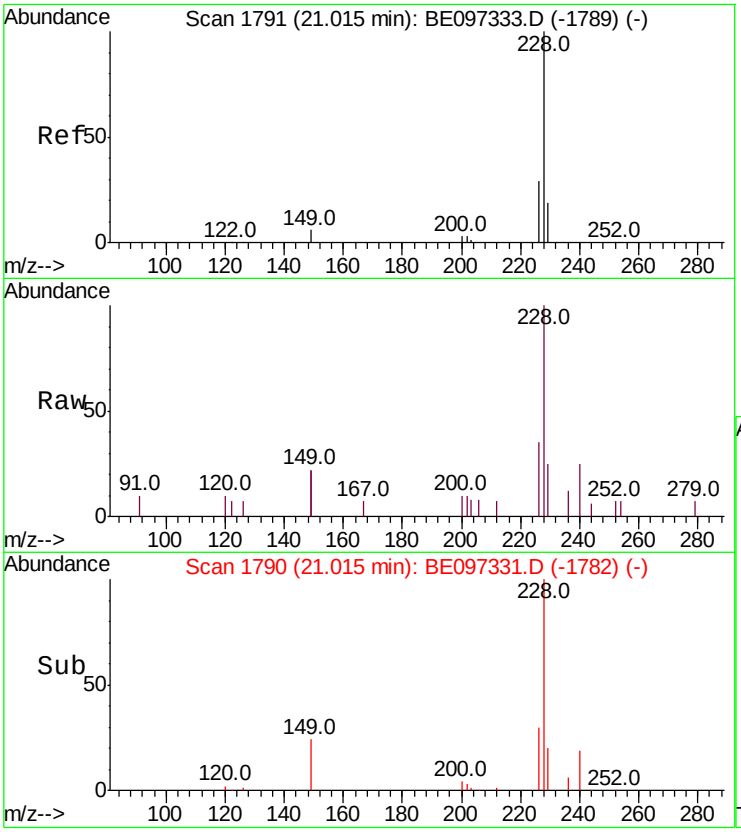


#30
Benzo(a)anthracene
Concen: 0.087 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:228 Resp: 756

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	27.6	16.0	24.0#



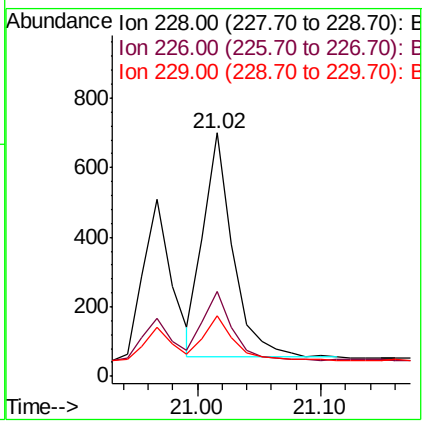


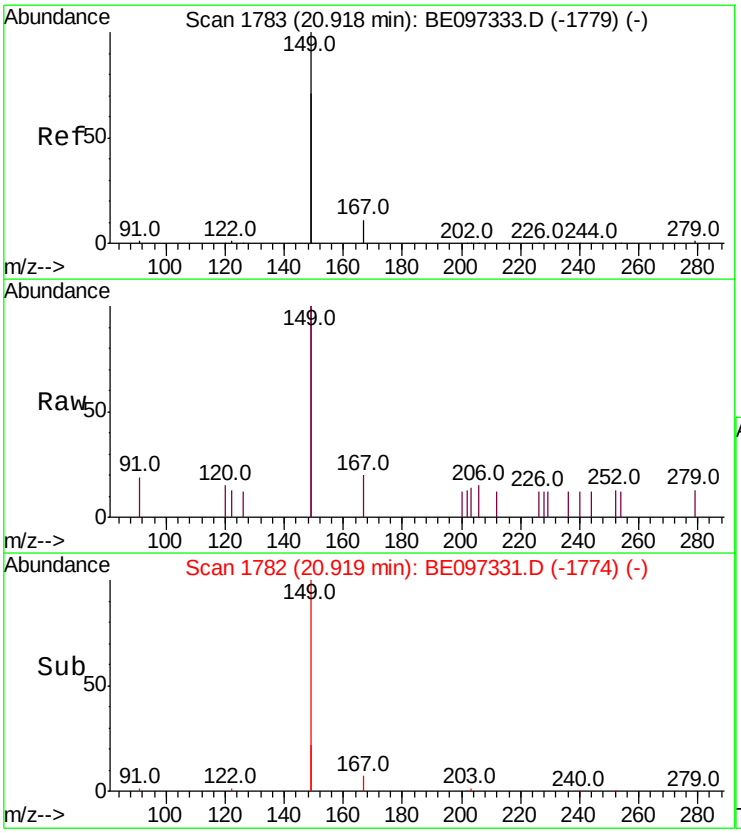
#31
Chrysene
Concen: 0.122 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1083

Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.0	36.0
229	25.1	16.0	24.0#

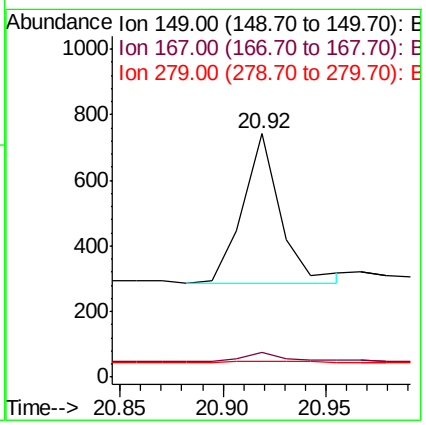


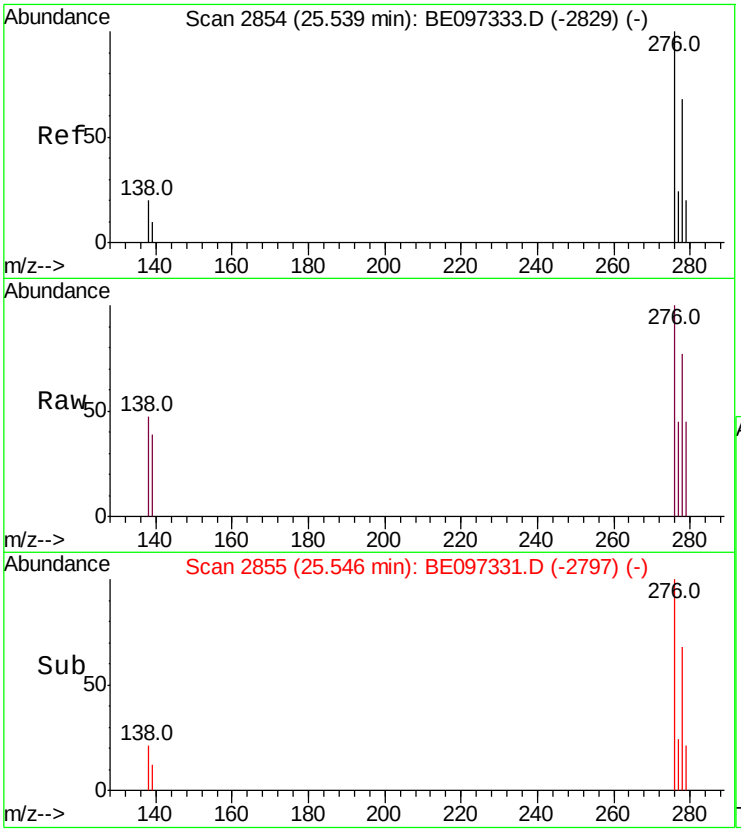


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:149 Resp: 578

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	1.6	0.7	1.1#



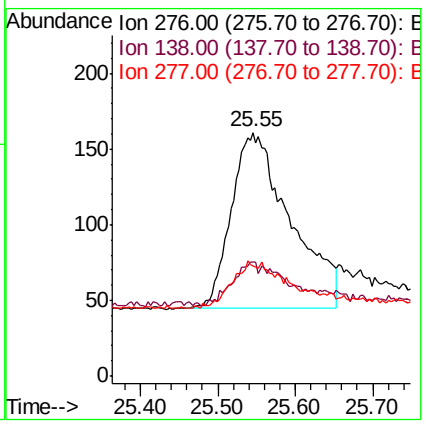


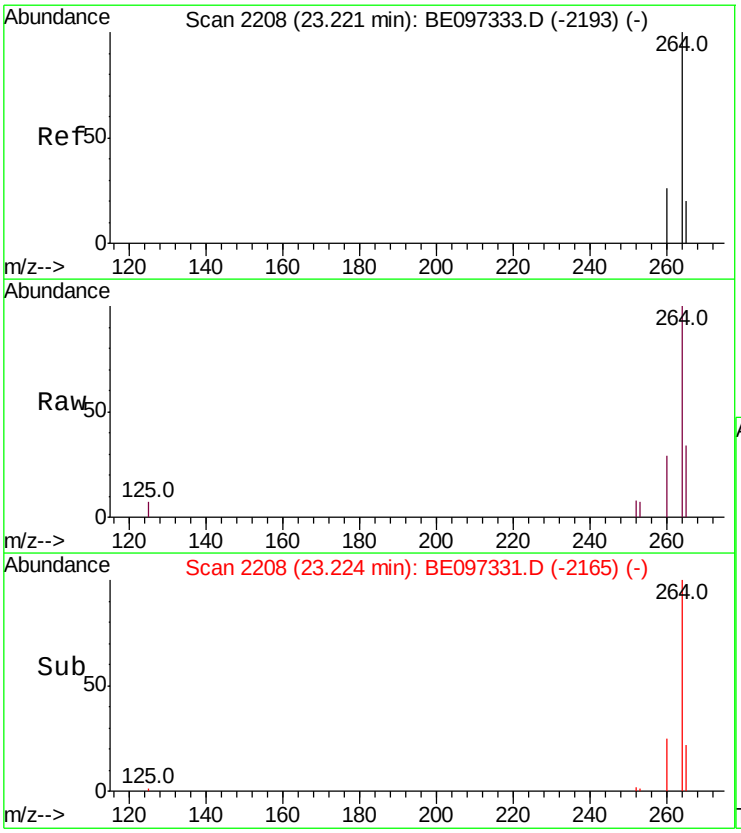
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng
RT: 25.55 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 612

Ion	Ratio	Lower	Upper
276	100		
138	10.5	22.5	33.7#
277	11.4	19.9	29.9#

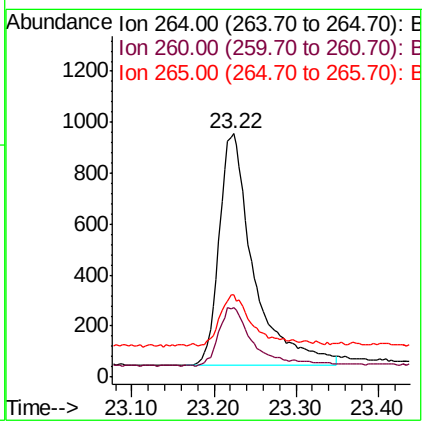


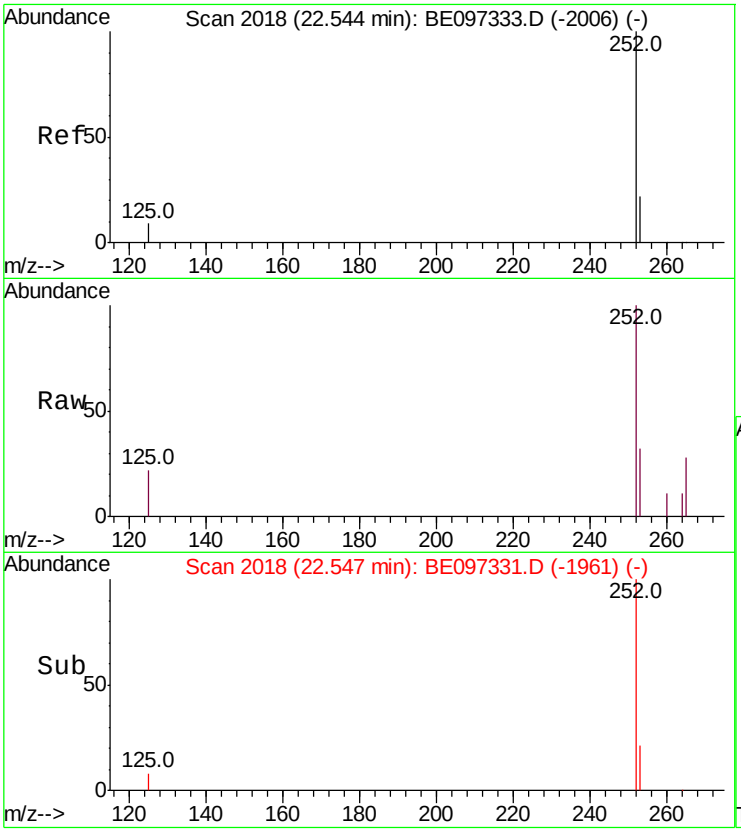


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:264 Resp: 2644

Ion	Ratio	Lower	Upper
264	100		
260	28.7	20.5	30.7
265	33.8	22.8	34.2



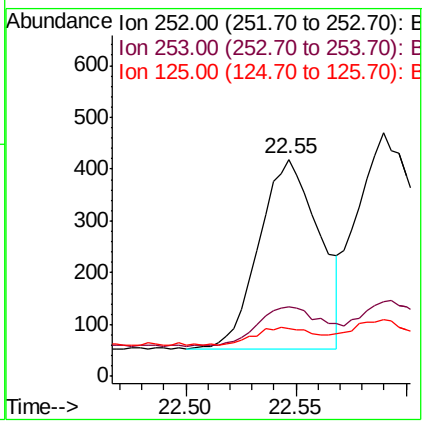


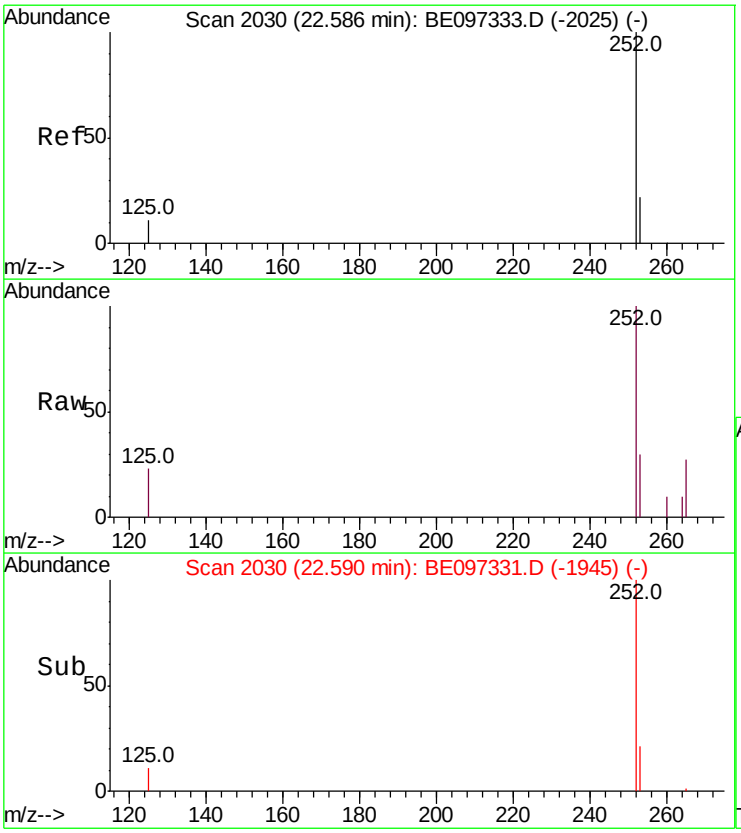
#35
Benzo(b)fluoranthene
Concen: 0.105 ng
RT: 22.55 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 691

Ion	Ratio	Lower	Upper
252	100		
253	32.0	20.0	30.0#
125	22.0	16.0	24.0

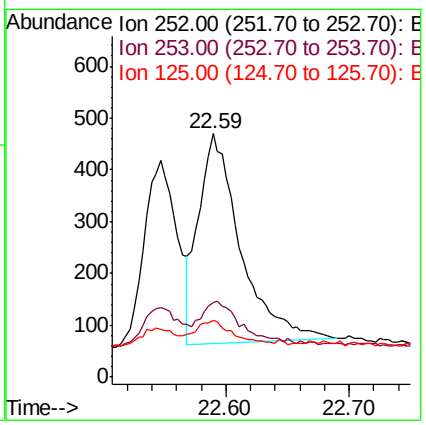


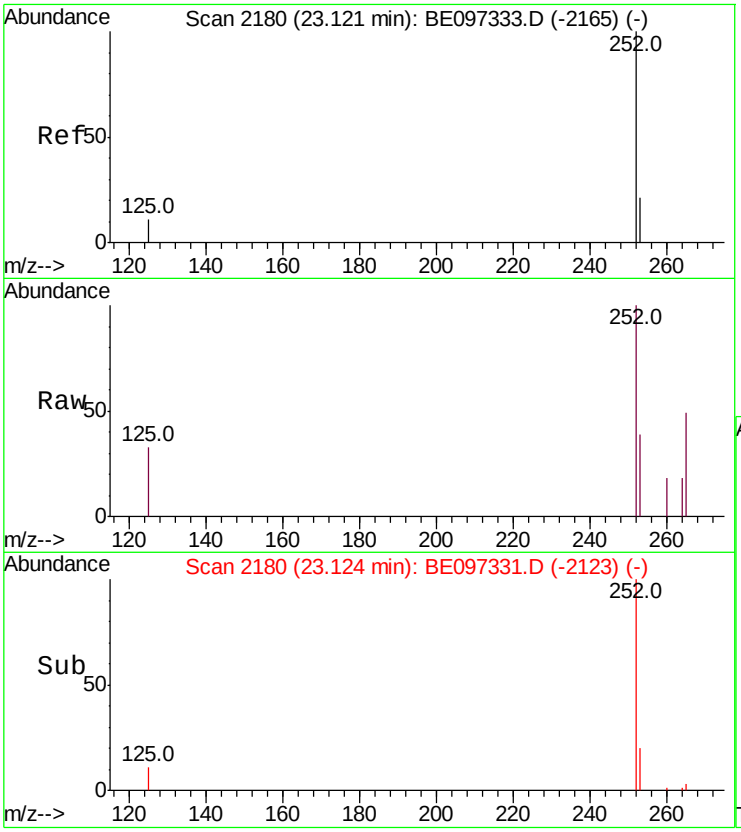


#36
Benzo(k)fluoranthene
Concen: 0.120 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:252 Resp: 962

Ion	Ratio	Lower	Upper
252	100		
253	30.4	16.0	24.0#
125	23.4	8.0	12.0#



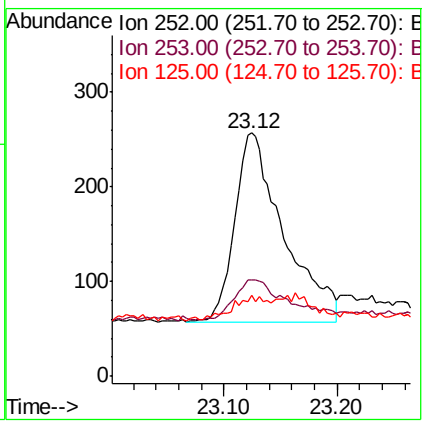


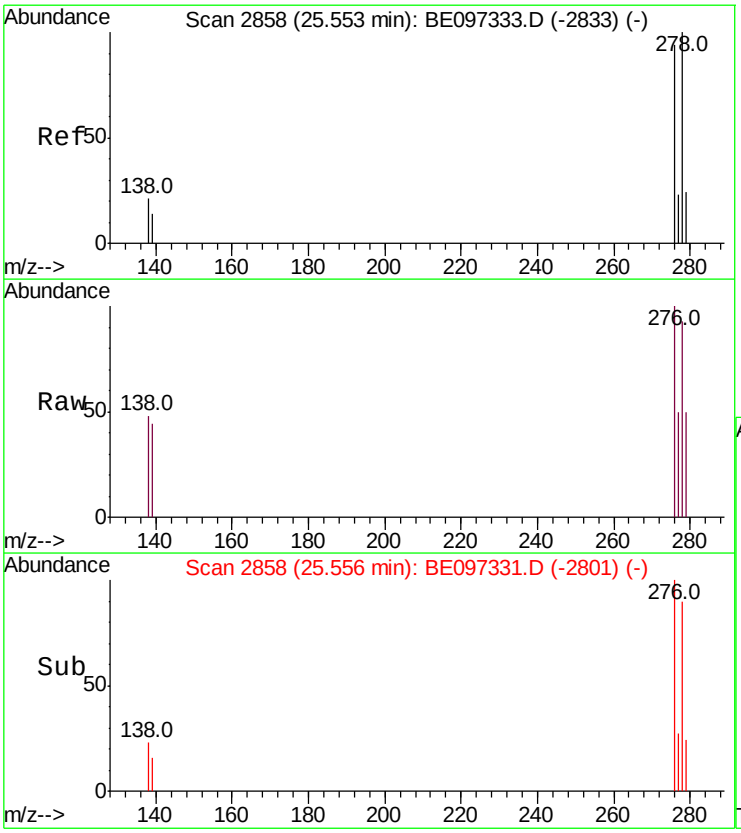
#37
Benzo(a)pyrene
Concen: 0.091 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 600

Ion	Ratio	Lower	Upper
252	100		
253	39.3	16.0	24.0#
125	33.1	12.0	18.0#

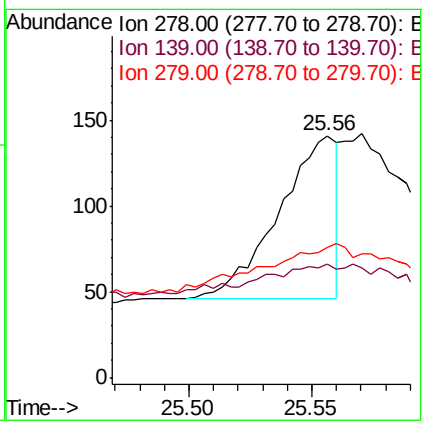


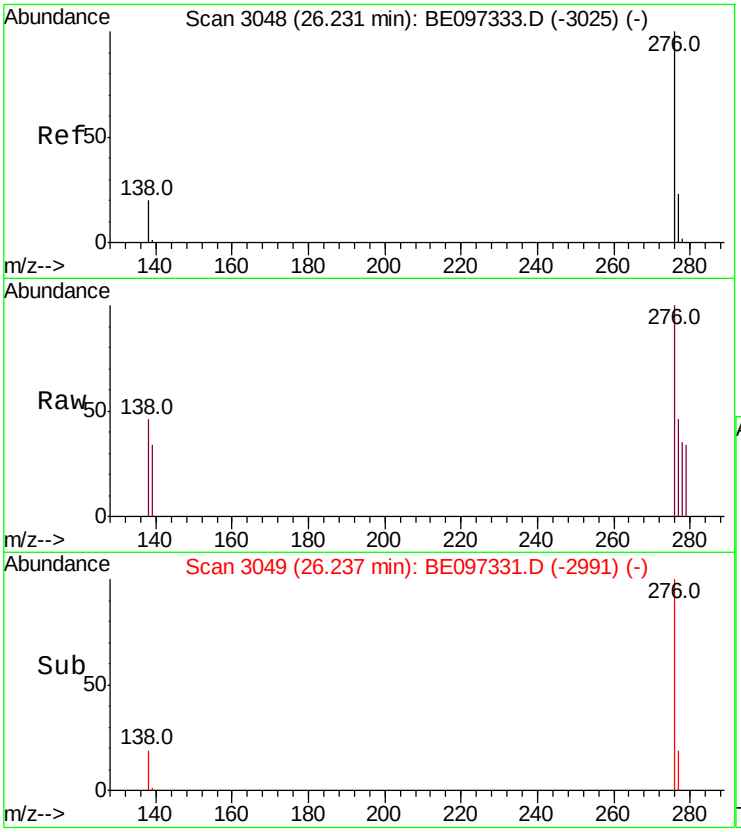


#38
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.56 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:278 Resp: 157

Ion	Ratio	Lower	Upper
278	100		
139	46.8	16.0	24.0#
279	53.9	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.076 ng
RT: 26.24 min Scan# 3049
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 503

Ion	Ratio	Lower	Upper
276	100		
277	45.5	16.0	24.0#
138	45.5	20.0	30.0#