Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
Data File : BE097685.D
Acq On : 26 Sep 2018 12:52
Operator : SJ/JU
Sample : J4963-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 15:29:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	907	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	3949	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	2190	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	6119	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8999	0.40	ng		0.00
34) Perylene-d12	23.20	264	8635	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	475	0.20	ng		0.00
5) Phenol-d6	6.64	99	290	0.09	ng		0.02
8) Nitrobenzene-d5	8.53	82	1352	0.53	ng		-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2808	0.48	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	501	0.54	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	5254	0.74	ng		-0.01
25) Fluoranthene-d10	18.80	212	35075	0.53	ng		0.00
29) Terphenyl-d14	19.41	244	9429	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	252	0.14	ng	#	87
3) n-Nitrosodimethylamine	3.38	42	204	0.24	ng	#	79
6) bis(2-Chloroethyl)ether	6.82	93	1192	0.42	ng		90
9) Naphthalene	10.17	128	17736	0.49	ng		100
10) Hexachlorobutadiene	10.46	225	684	0.42	ng		96
12) 2-Methylnaphthalene	11.79	142	2761	0.49	ng		99
16) Acenaphthylene	13.72	152	4207	0.48	ng		100
17) Acenaphthene	14.06	154	2776	0.48	ng		96
18) Fluorene	15.05	166	3907	0.48	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1250	0.46	ng	#	78
21) Hexachlorobenzene	16.07	284	1359	0.43	ng	#	83
22) Pentachlorophenol	16.43	266	1046	1.33	ng	#	73
23) Phenanthrene	16.80	178	7454	0.52	ng		99
24) Anthracene	16.89	178	6653	0.55	ng		96
26) Fluoranthene	18.83	202	10117	0.58	ng		99
28) Pyrene	19.19	202	10460	0.45	ng		99
30) Benzo(a)anthracene	20.94	228	11887	0.56	ng		98
31) Chrysene	21.00	228	11635	0.47	ng		99
32) Bis(2-ethylhexyl)phthalate	20.89	149	17548	0.72	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	14207	0.54	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	11362	0.51	ng	#	89
36) Benzo(k)fluoranthene	22.57	252	13200	0.51	ng		94
37) Benzo(a)pyrene	23.10	252	11363	0.52	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	11642	0.51	ng	#	96
39) Benzo(g,h,i)perylene	26.20	276	11603	0.51	ng	#	89

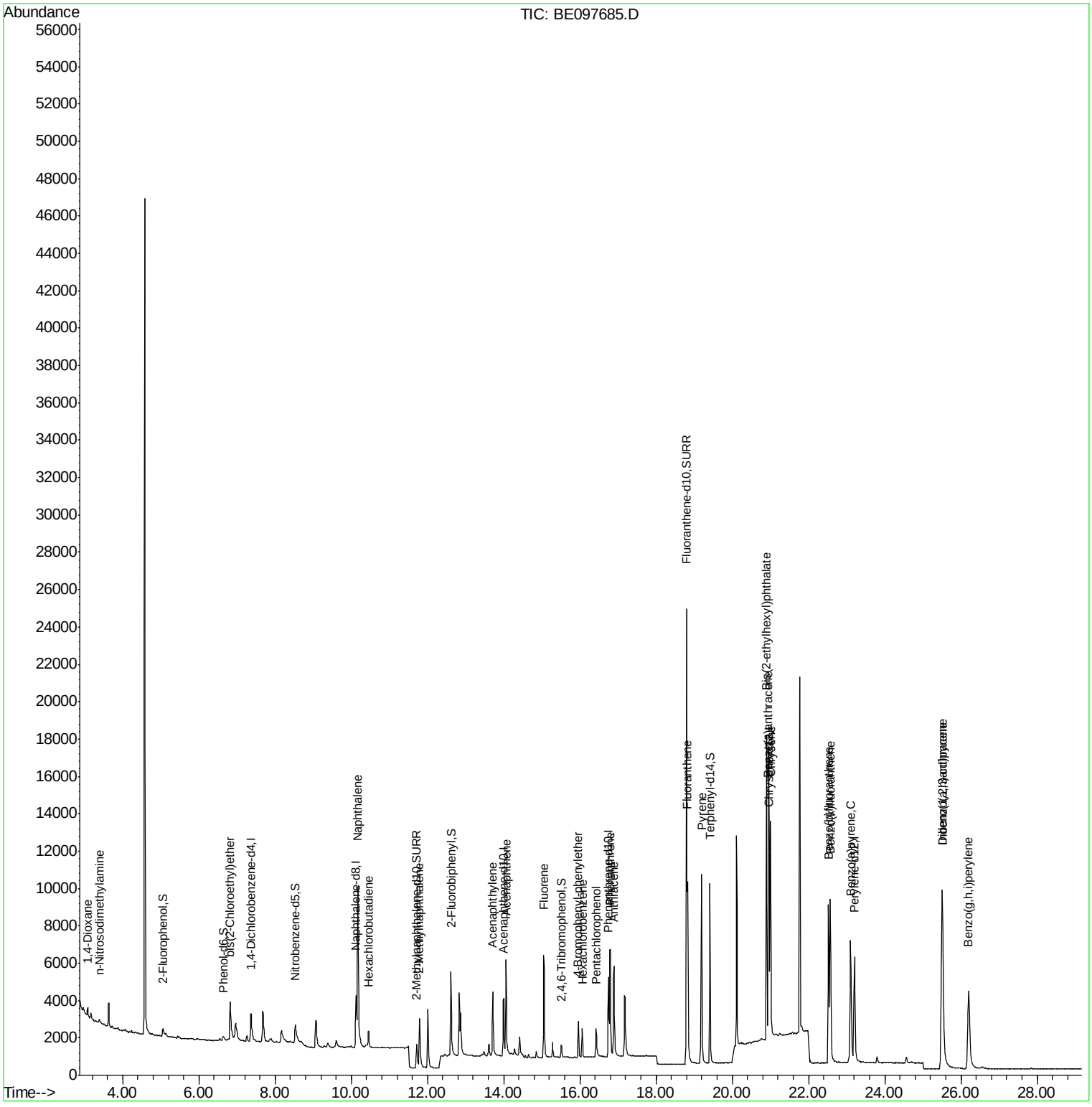
(#) = qualifier out of range (m) = manual integration (+) = signals summed

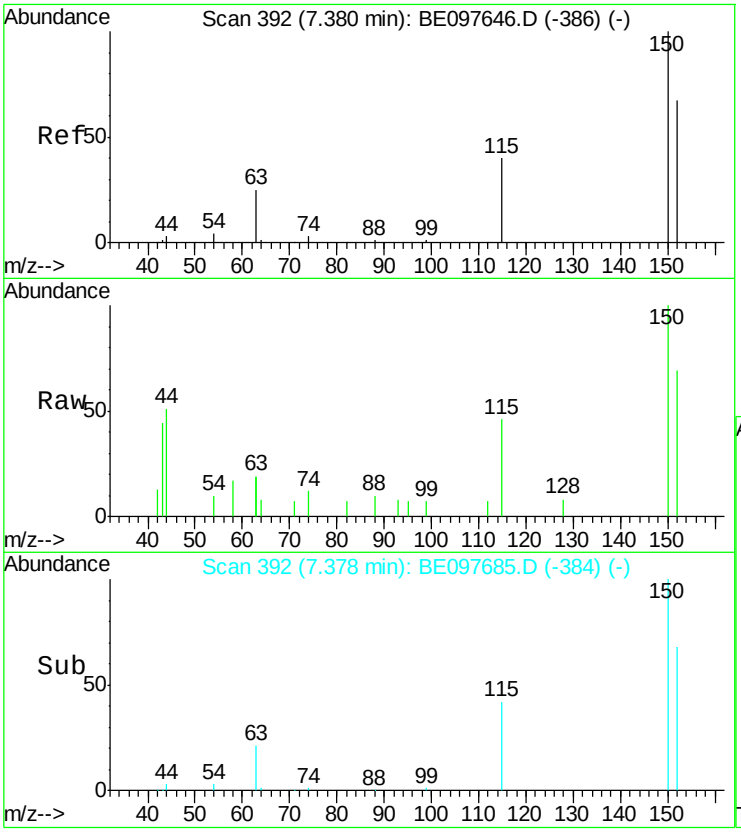
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
Data File : BE097685.D
Acq On : 26 Sep 2018 12:52
Operator : SJ/JU
Sample : J4963-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 15:29:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration



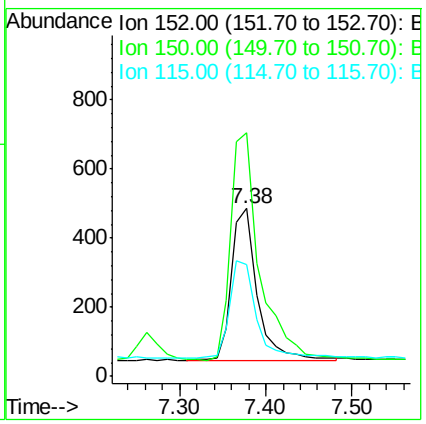


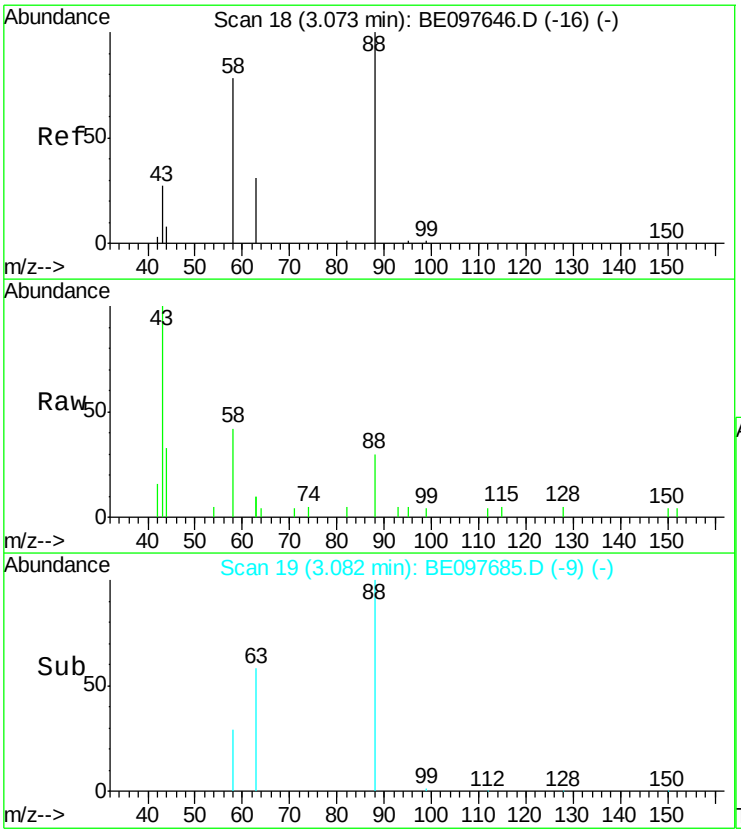
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 907

Ion	Ratio	Lower	Upper
152	100		
150	145.1	117.2	175.8
115	66.3	57.0	85.6

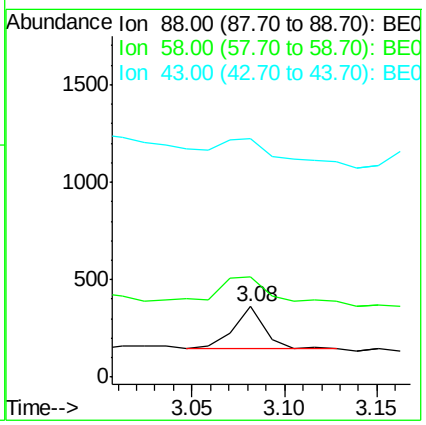


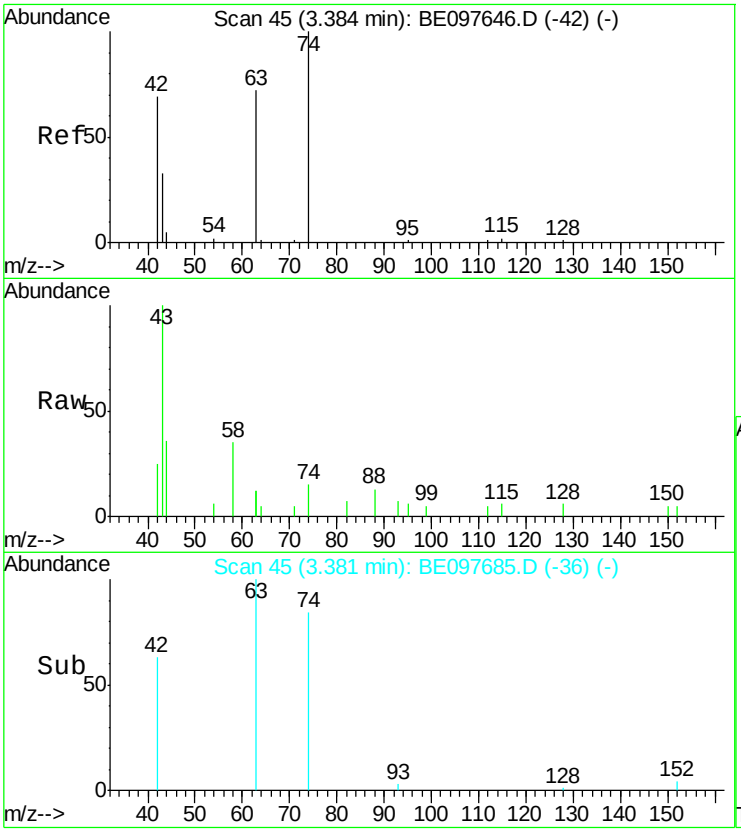


#2
1,4-Dioxane
Concen: 0.14 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion: 88 Resp: 252

Ion	Ratio	Lower	Upper
88	100		
58	78.2	63.2	94.8
43	74.2	41.2	61.8#



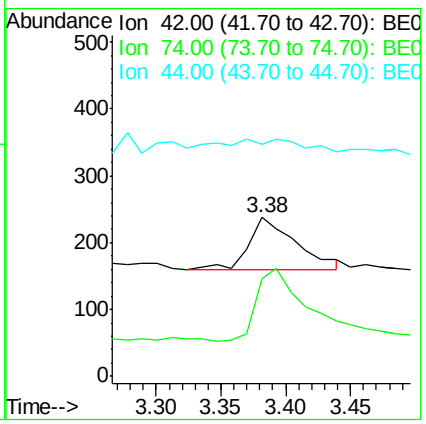


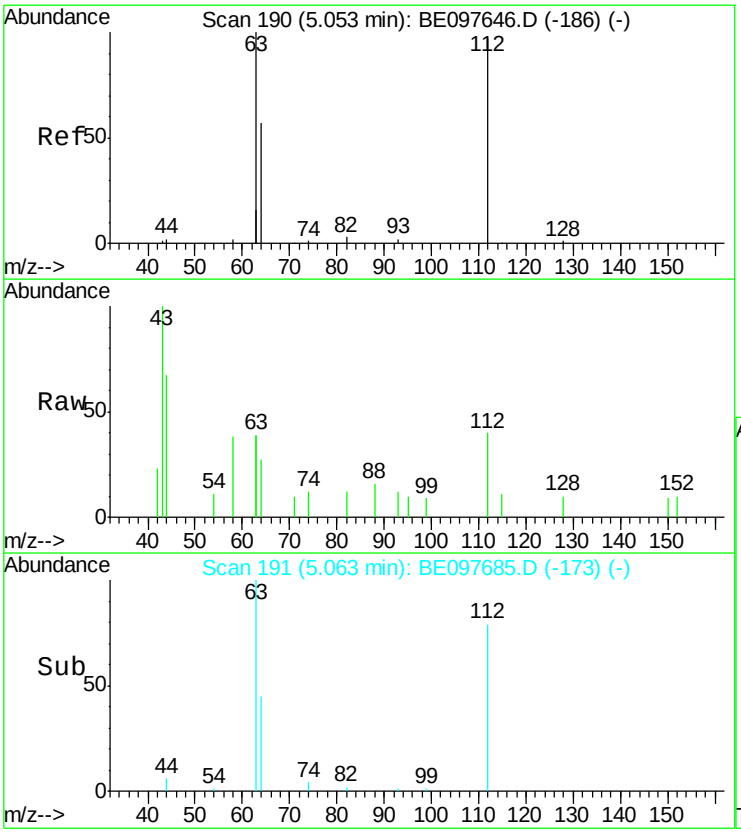
#3
n-Nitrosodimethylamine
Concen: 0.24 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 204

Ion	Ratio	Lower	Upper
42	100		
74	138.7	96.0	144.0
44	36.8	12.0	18.0#

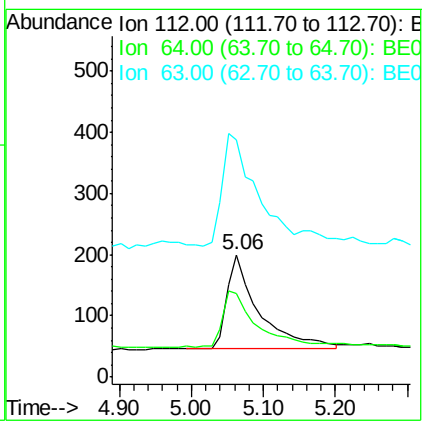


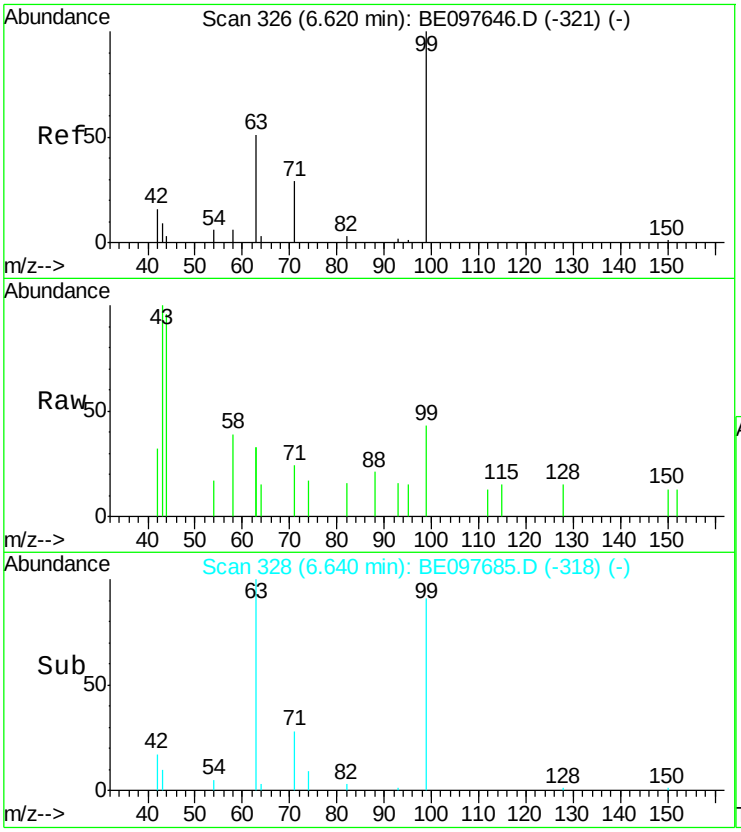


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:112 Resp: 475

Ion	Ratio	Lower	Upper
112	100		
64	66.7	60.1	90.1
63	126.9	116.8	175.2



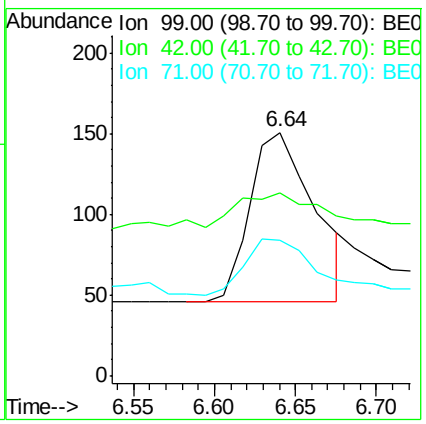


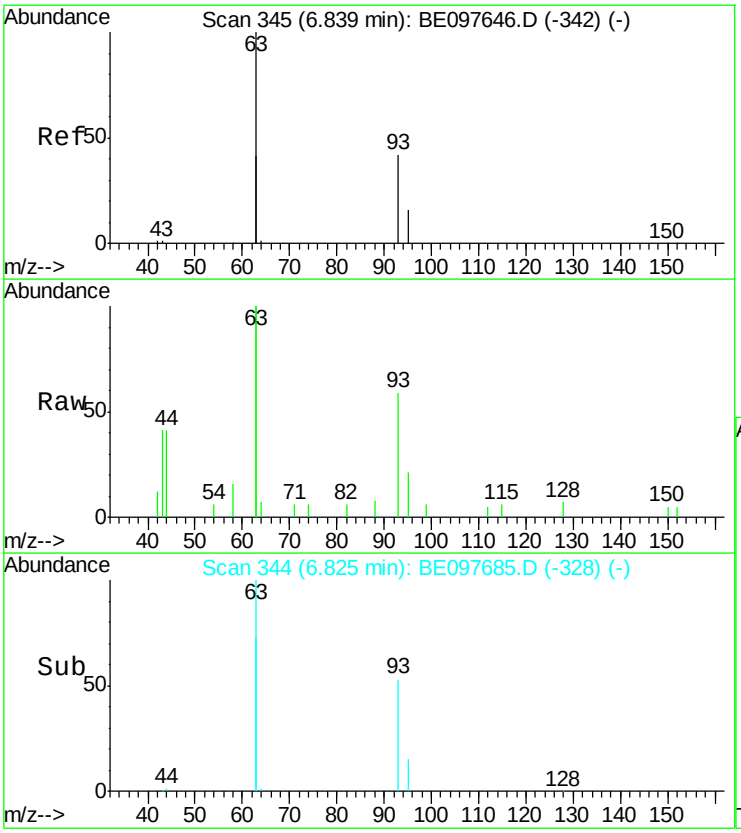
#5
Phenol-d6
Concen: 0.09 ng
RT: 6.64 min Scan# 328
Delta R.T. 0.02 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 290

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.2	30.2
71	33.4	28.4	42.6

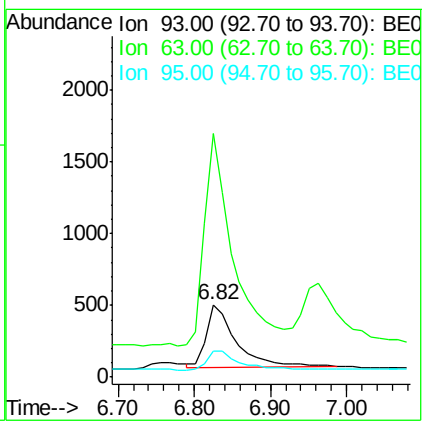


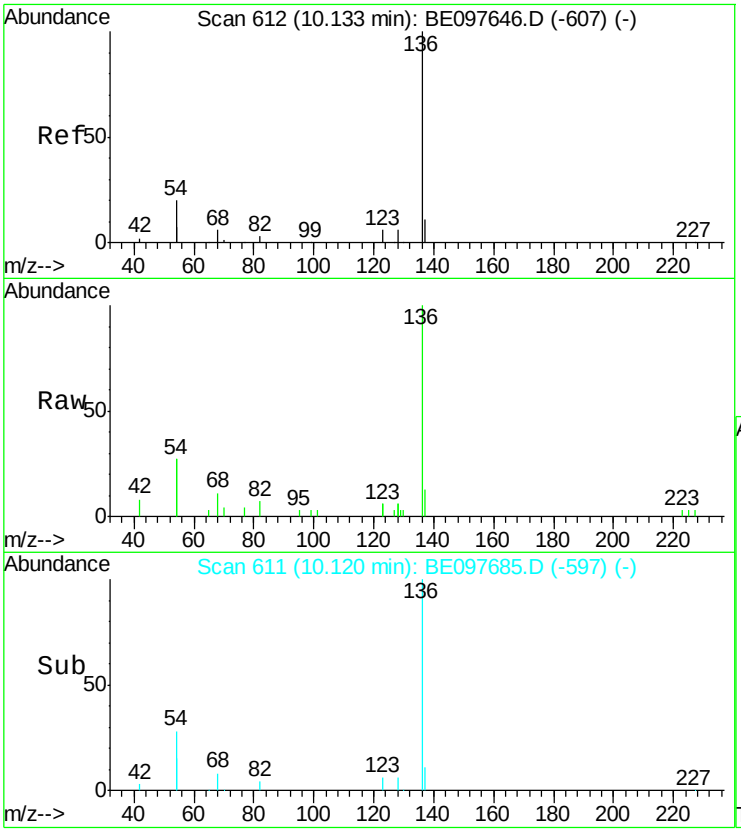


#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion: 93 Resp: 1192

Ion	Ratio	Lower	Upper
93	100		
63	322.1	275.3	412.9
95	34.4	25.2	37.8



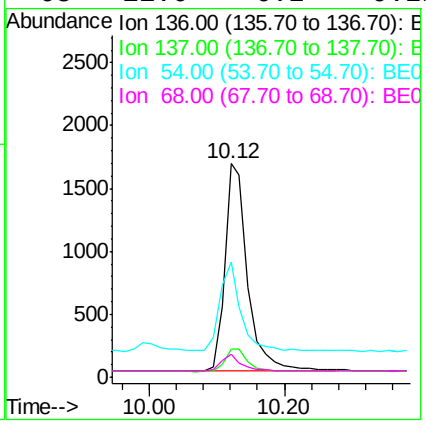


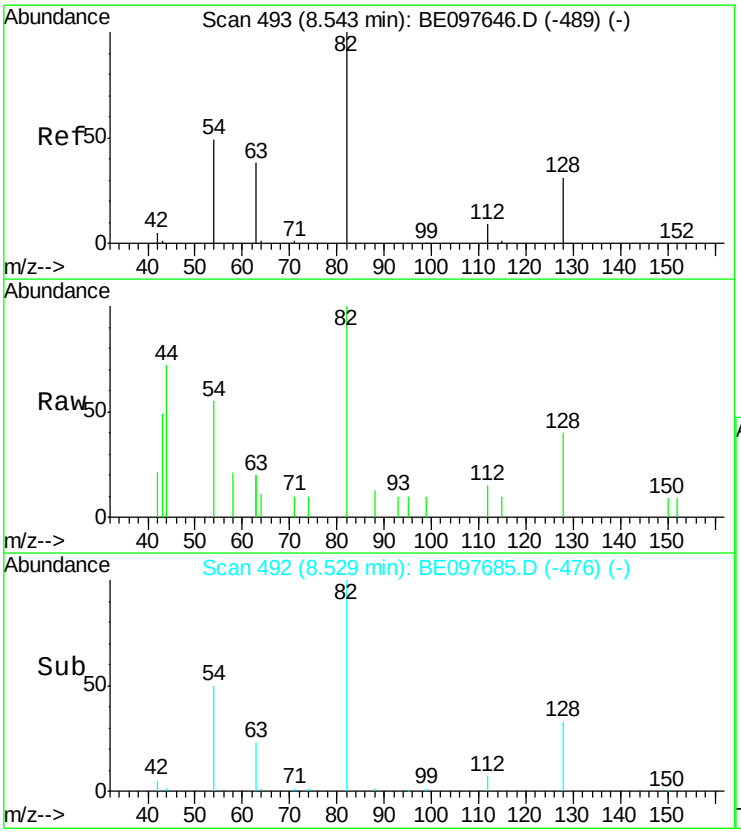
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3949

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	53.7	29.1	43.7#
68	11.0	6.2	9.2#

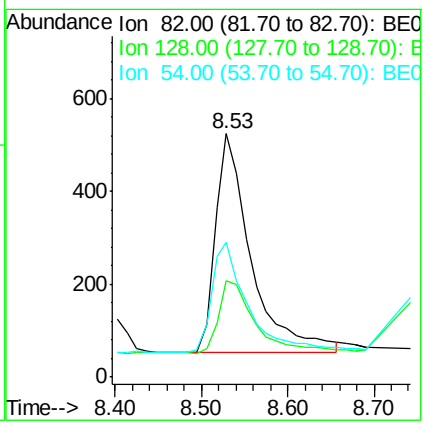


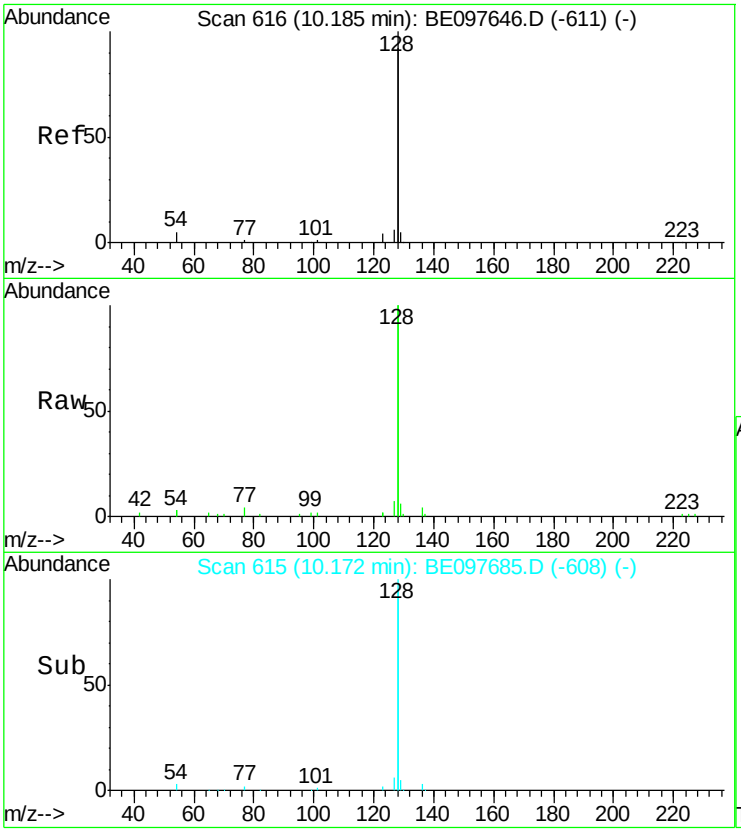


#8
Nitrobenzene-d5
Concen: 0.53 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion: 82 Resp: 1352

Ion	Ratio	Lower	Upper
82	100		
128	39.5	24.0	36.0#
54	55.2	40.0	60.0



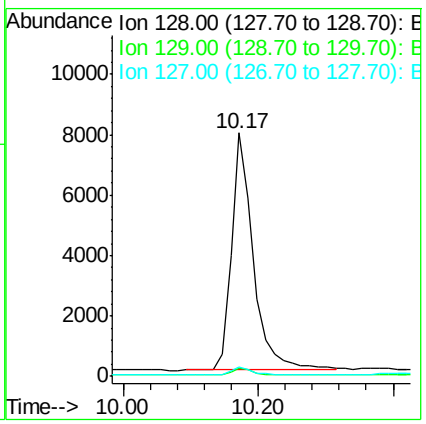


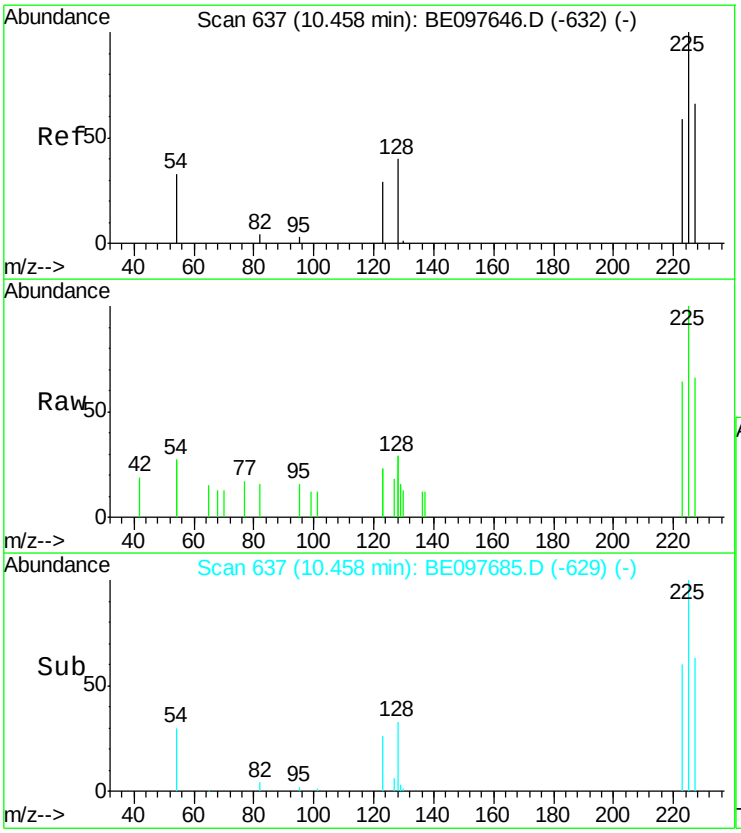
#9
Naphthalene
Concen: 0.49 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17736

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

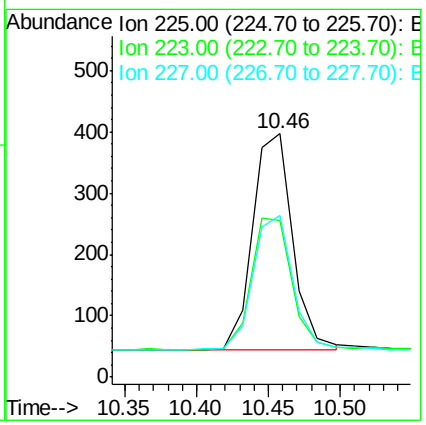


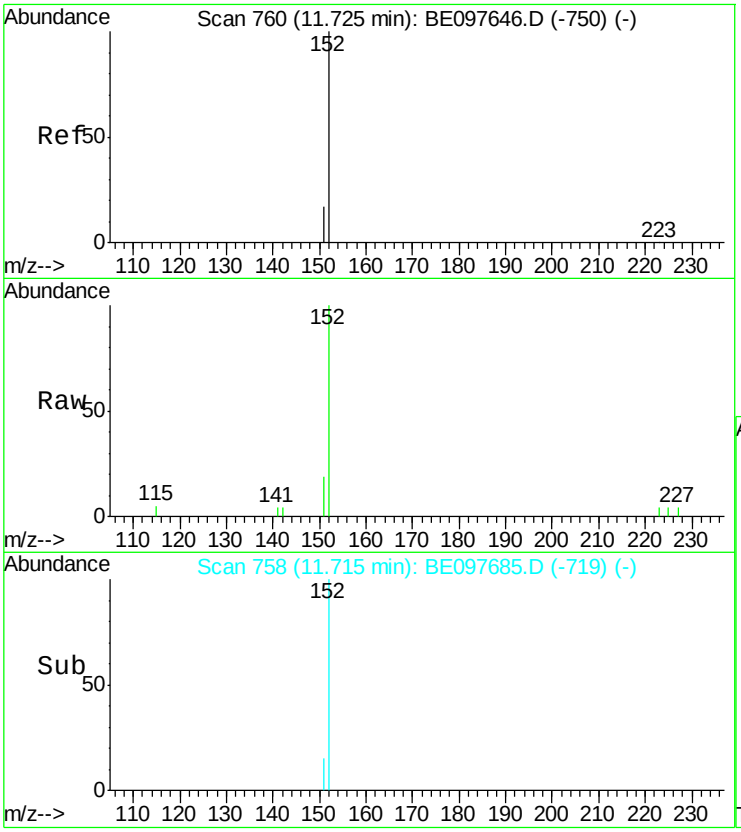


#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:225 Resp: 684

Ion	Ratio	Lower	Upper
225	100		
223	61.7	53.0	79.6
227	62.6	51.4	77.2



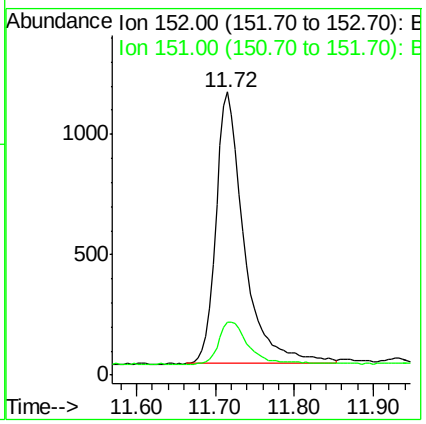


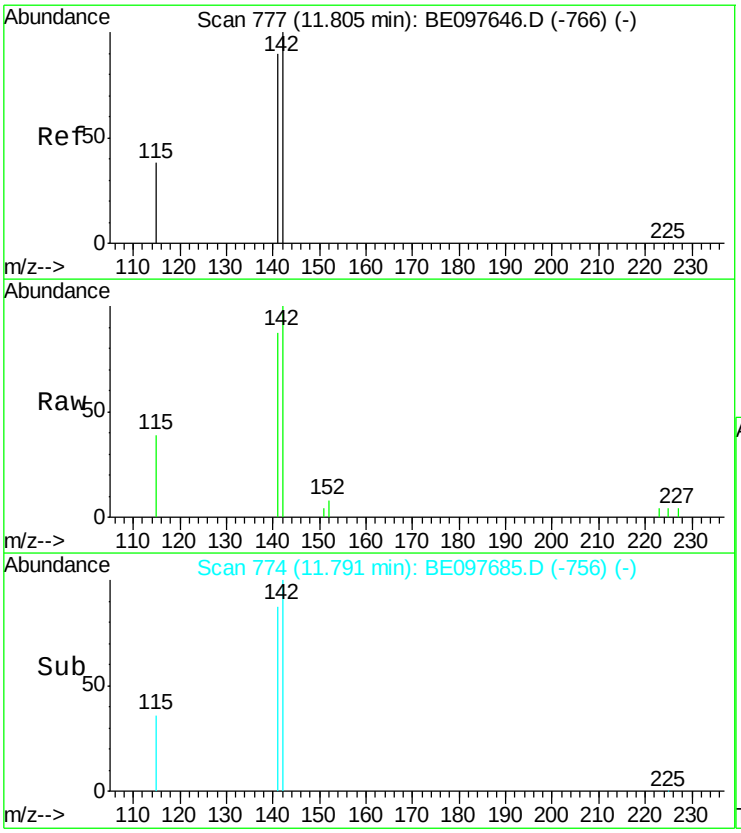
#11
2-Methylnaphthalene-d10
Concen: 0.48 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2808

Ion	Ratio	Lower	Upper
152	100		
151	15.3	15.4	23.0#

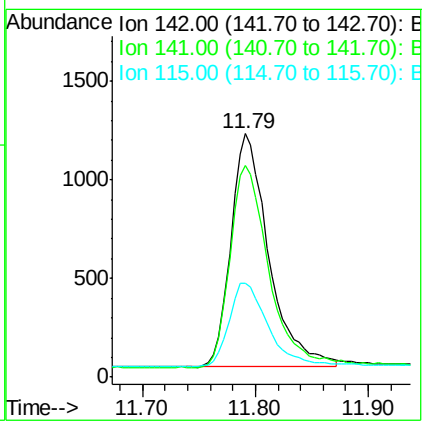


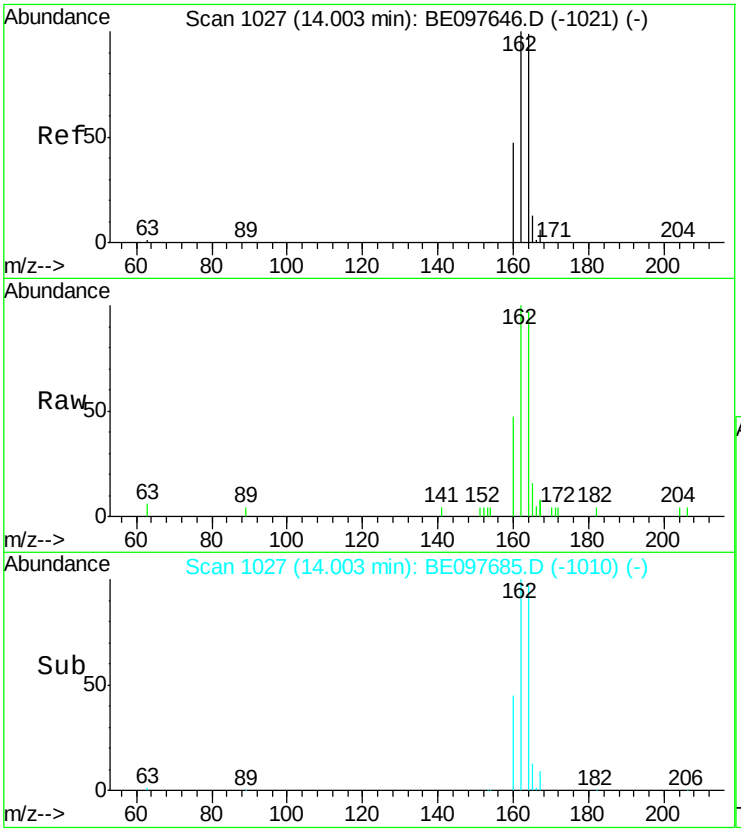


#12
2-Methylnaphthalene
Concen: 0.49 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:142 Resp: 2761

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	38.8	31.7	47.5



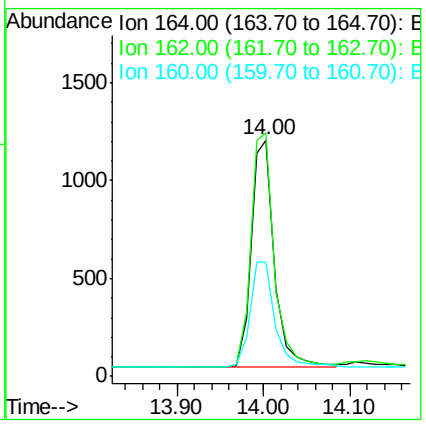


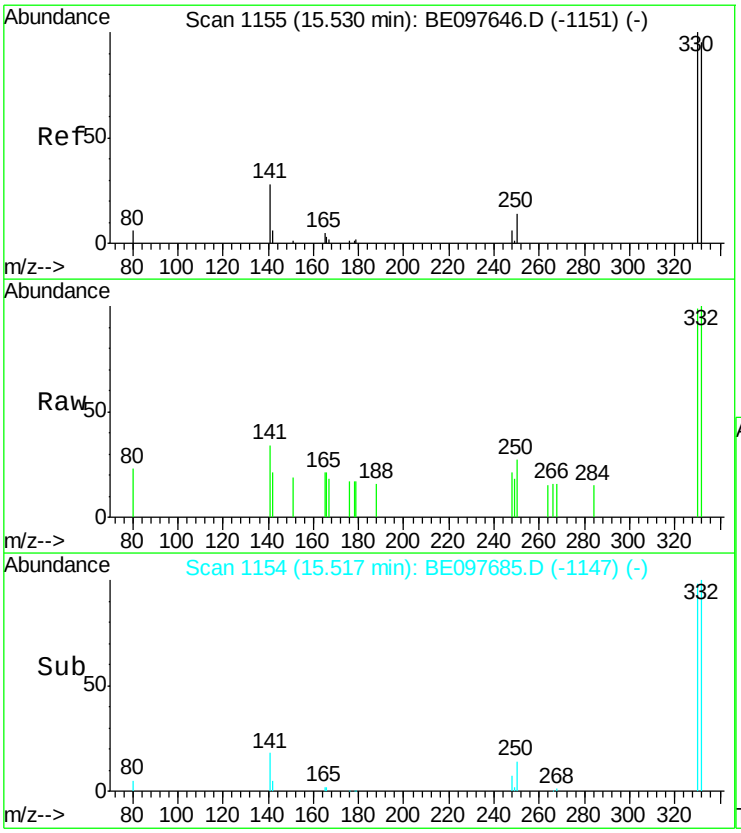
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2190

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.1	124.7
160	48.3	37.1	55.7

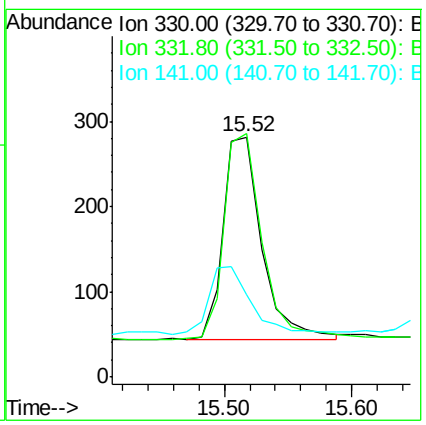


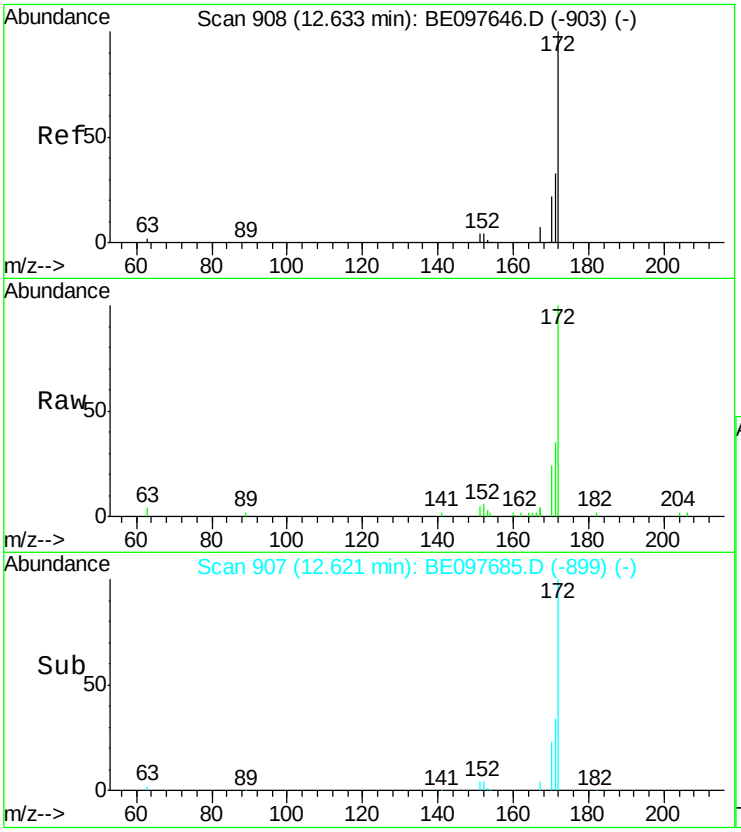


#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:330 Resp: 501

Ion	Ratio	Lower	Upper
330	100		
332	101.4	152.7	229.1#
141	35.9	33.7	50.5



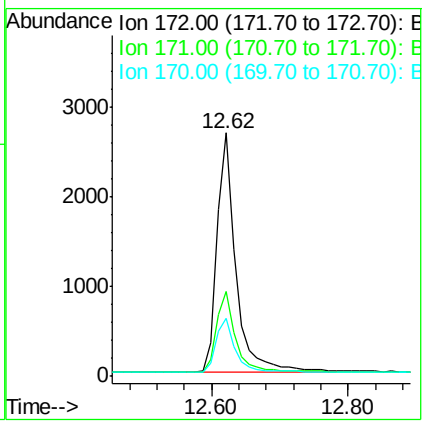


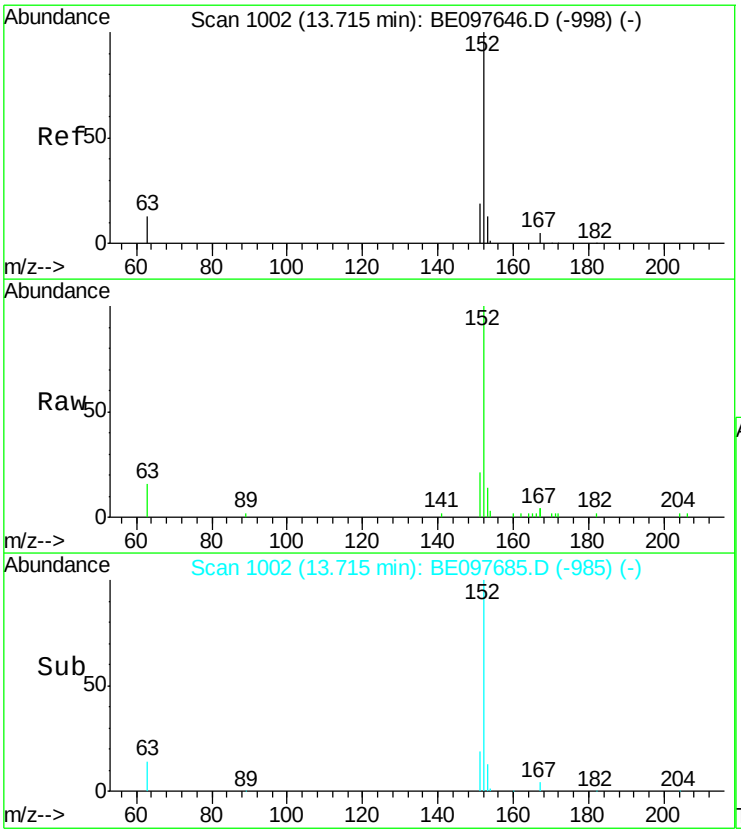
#15
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5254

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.9	21.8	32.8

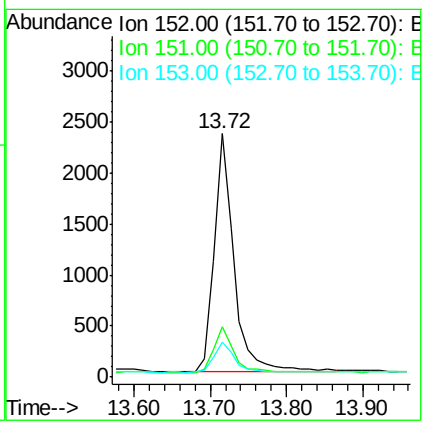


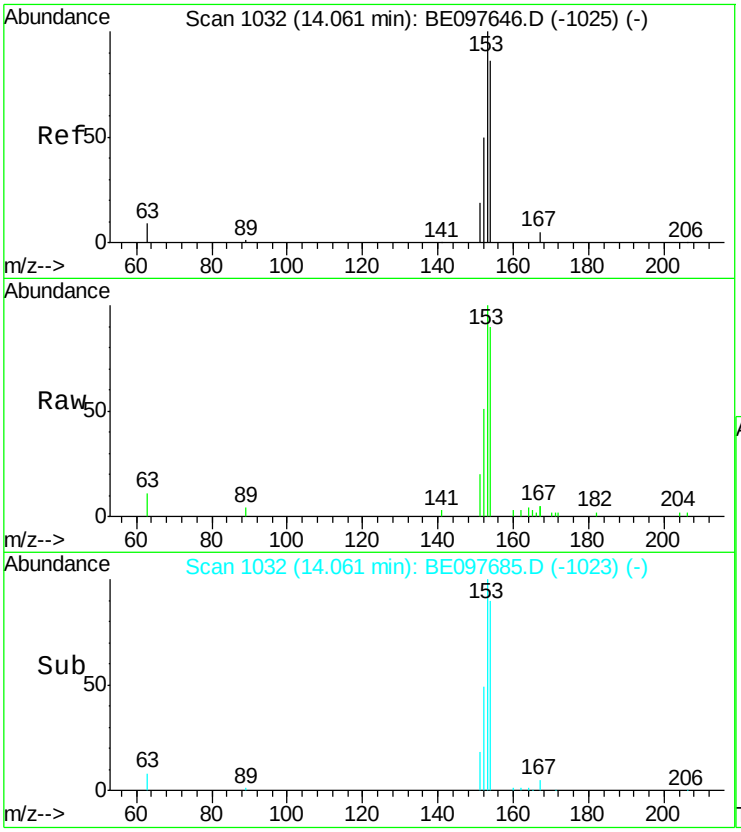


#16
Acenaphthylene
Concen: 0.48 ng
RT: 13.72 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:152 Resp: 4207

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



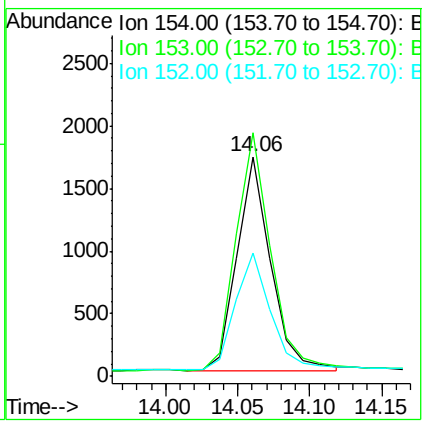


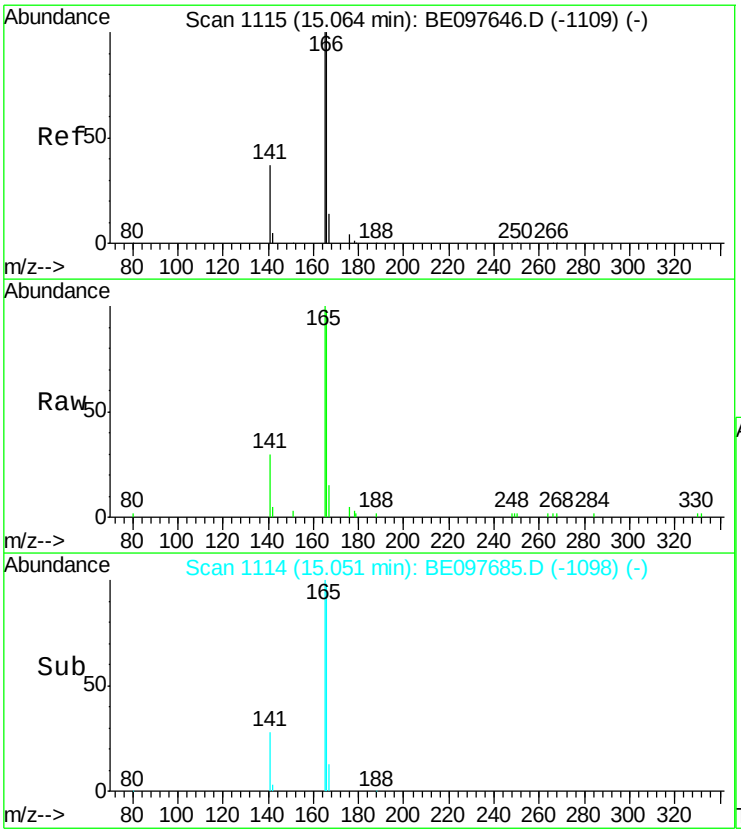
#17
Acenaphthene
Concen: 0.48 ng
RT: 14.06 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2776

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	57.3	42.0	63.0

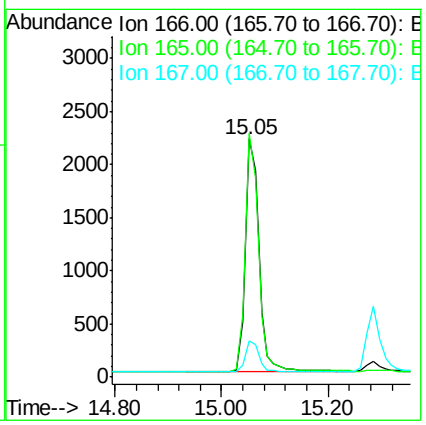


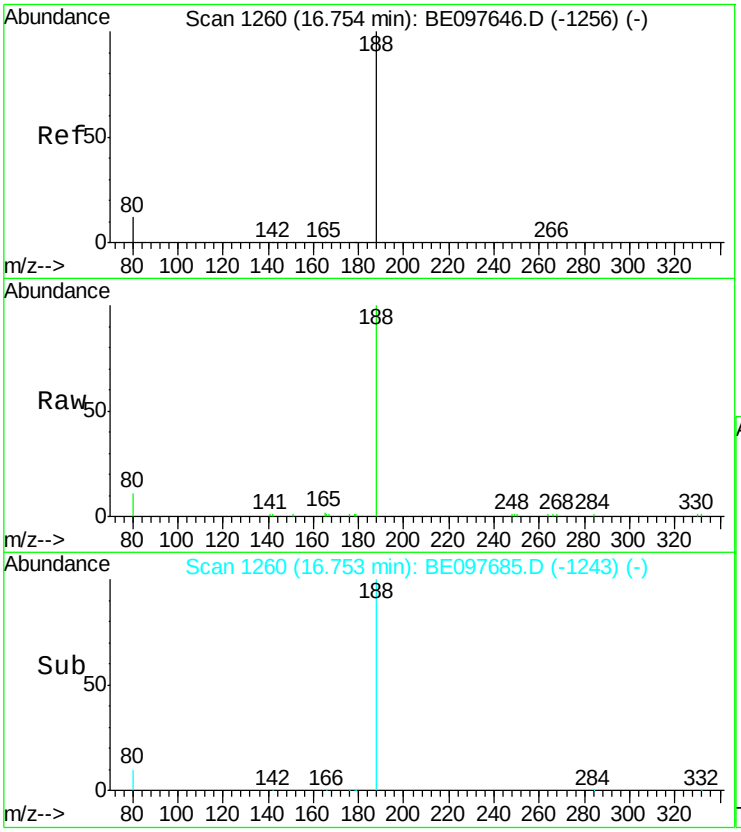


#18
Fluorene
Concen: 0.48 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:166 Resp: 3907

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.4	42.4	63.6#



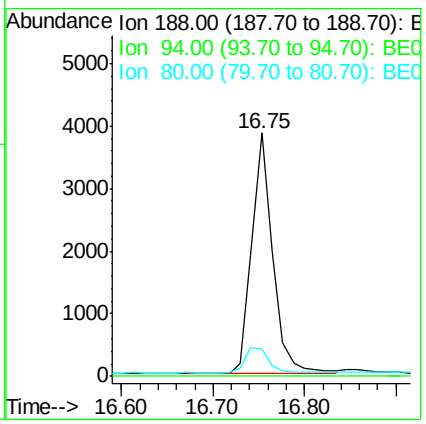


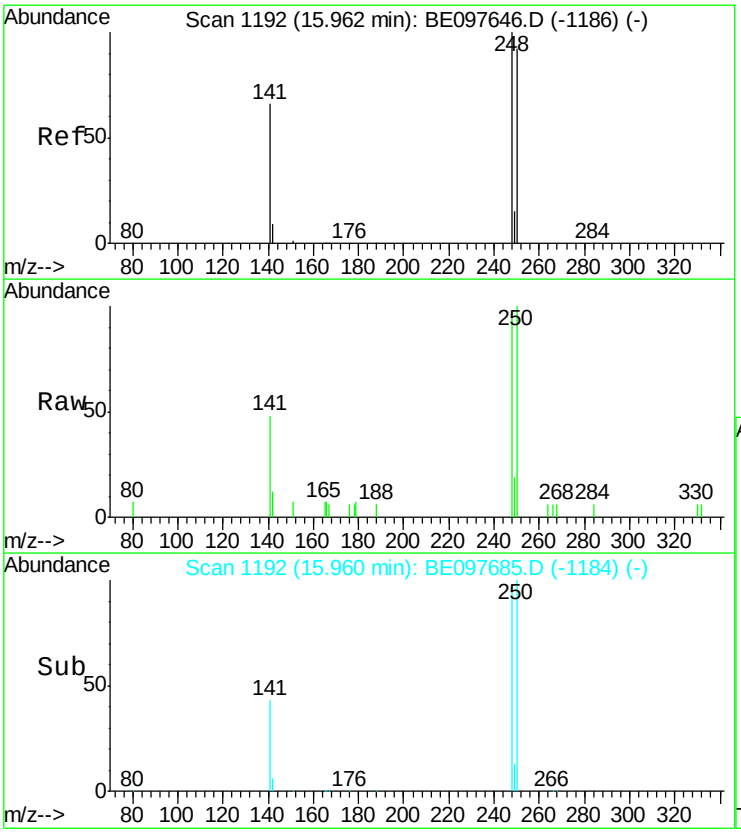
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6119

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.4	3.6	5.4#

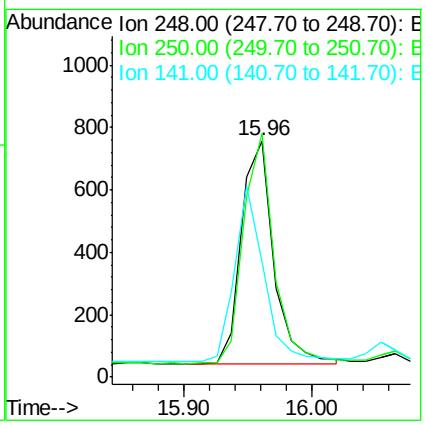


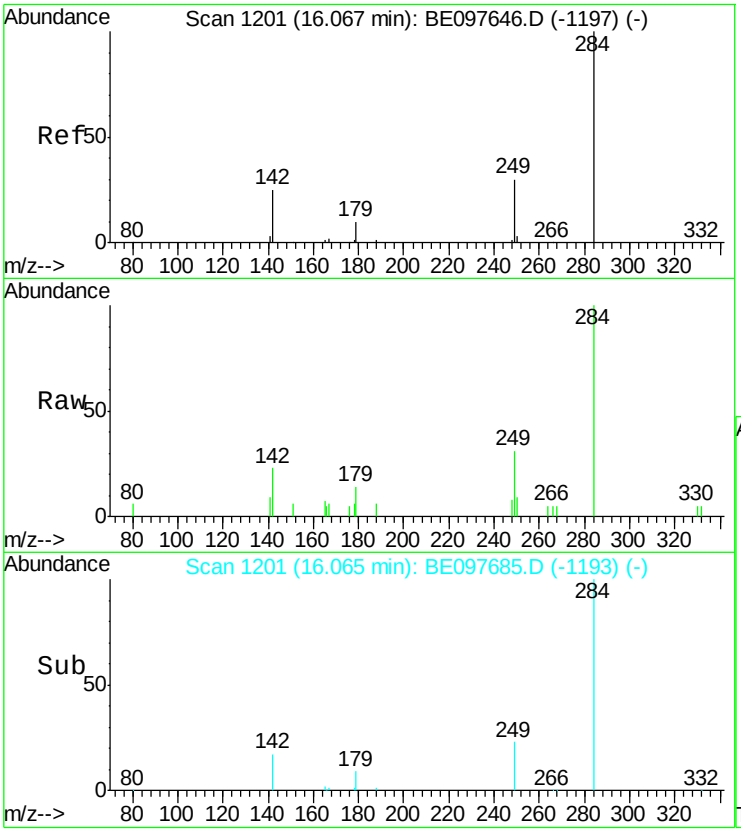


#20
4-Bromophenyl-phenylether
Concen: 0.46 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:248 Resp: 1250

Ion	Ratio	Lower	Upper
248	100		
250	103.2	62.7	94.1#
141	49.0	48.2	72.2



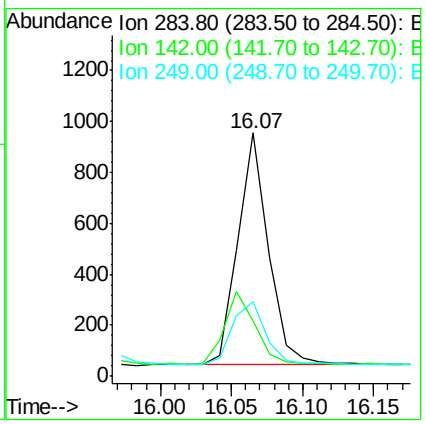


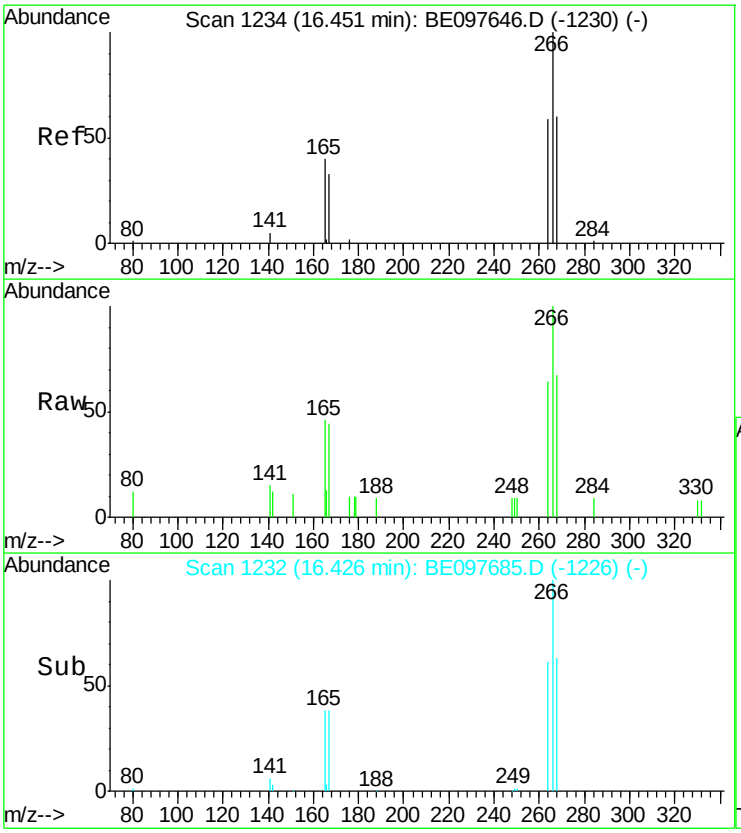
#21
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1359

Ion	Ratio	Lower	Upper
284	100		
142	31.7	22.1	33.1
249	28.8	34.8	52.2#

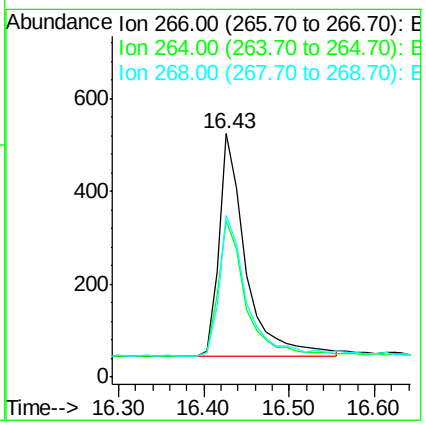


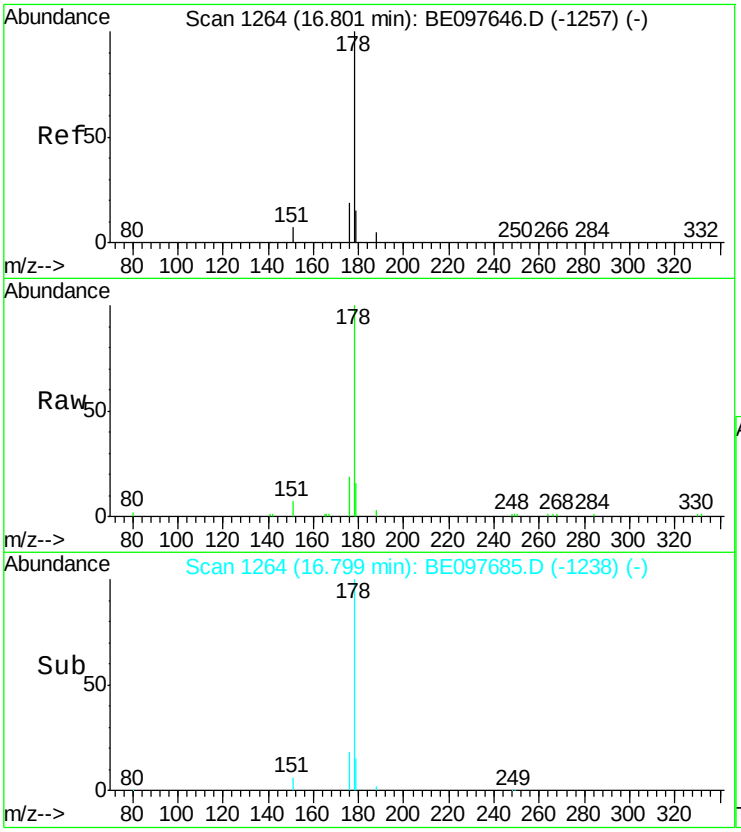


#22
Pentachlorophenol
Concen: 1.33 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:266 Resp: 1046

Ion	Ratio	Lower	Upper
266	100		
264	64.3	72.5	108.7#
268	66.6	73.8	110.6#



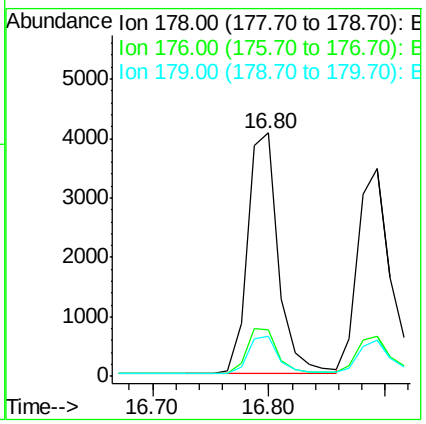


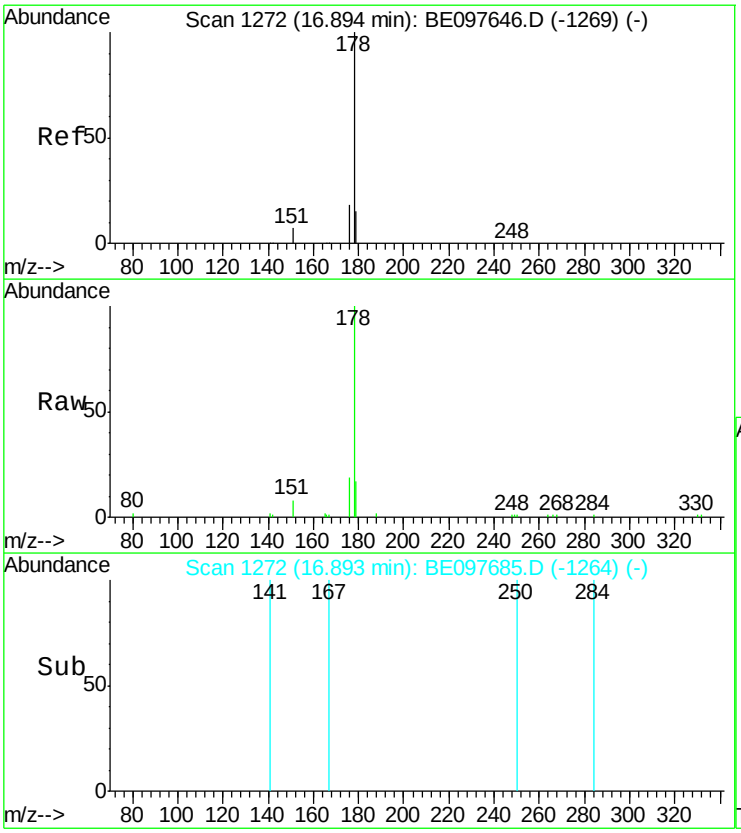
#23
Phenanthrene
Concen: 0.52 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7454

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.4	11.8	17.6

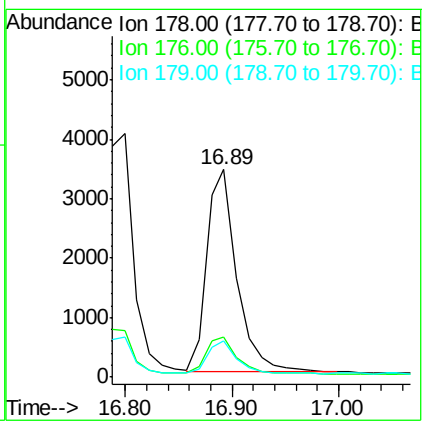


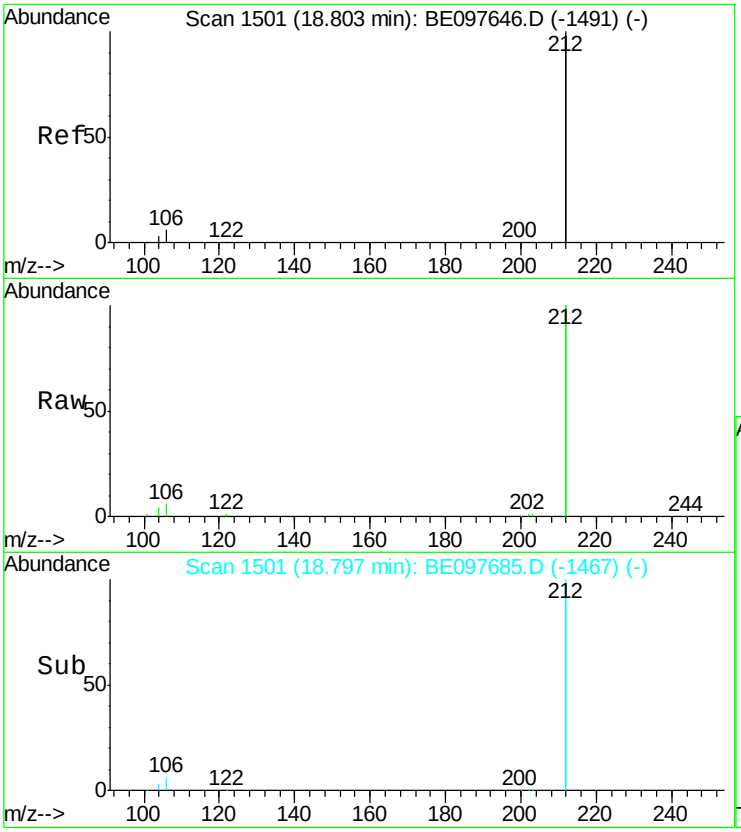


#24
Anthracene
Concen: 0.55 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:178 Resp: 6653

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.6	13.0	19.6



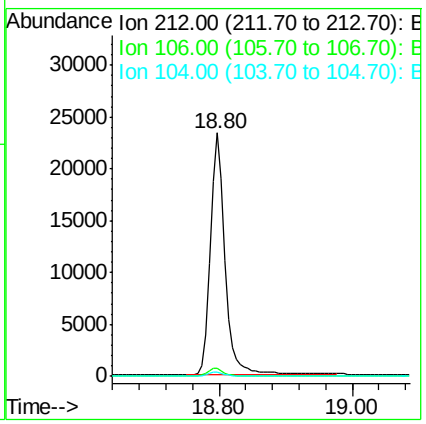


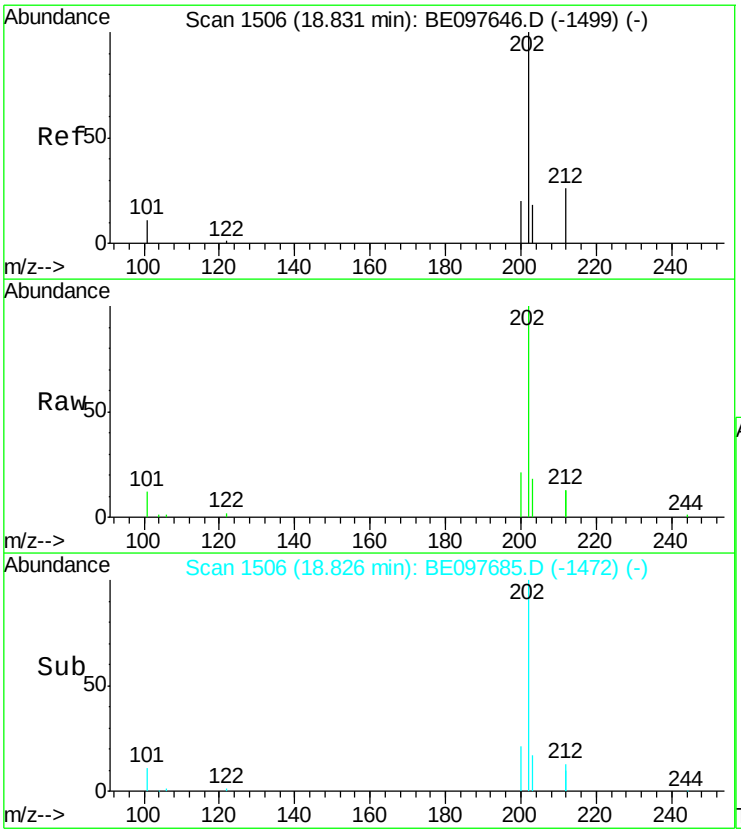
#25
Fluoranthene-d10
Concen: 0.53 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 35075

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

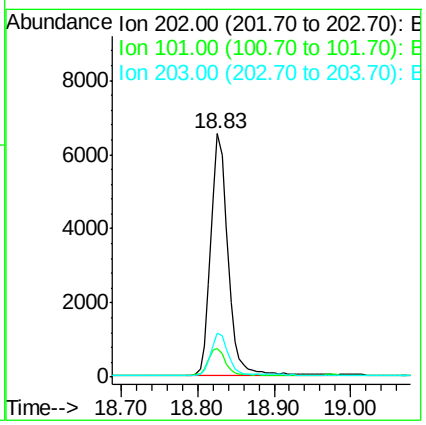


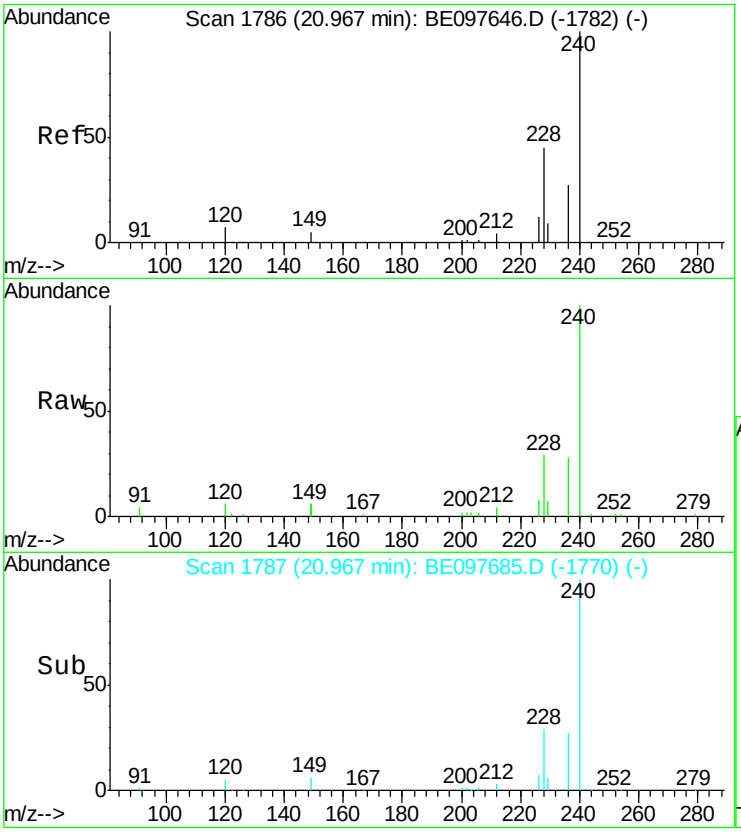


#26
Fluoranthene
Concen: 0.58 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:202 Resp: 10117

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.2	13.7	20.5



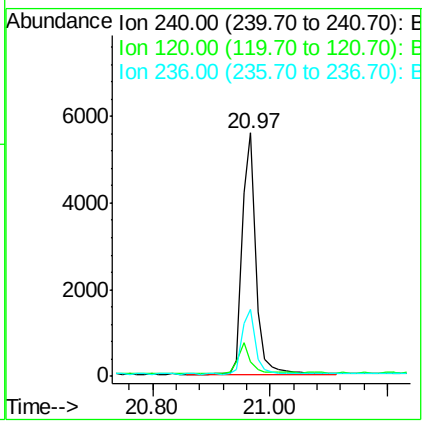


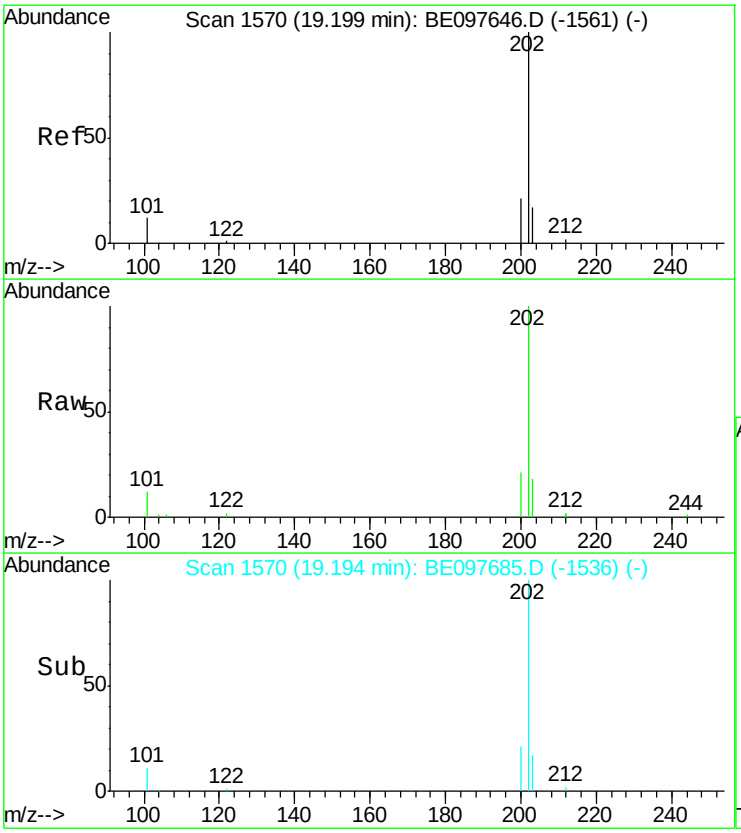
#27
Chrysene-d12
Concen: 0.40 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8999

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	27.6	20.7	31.1

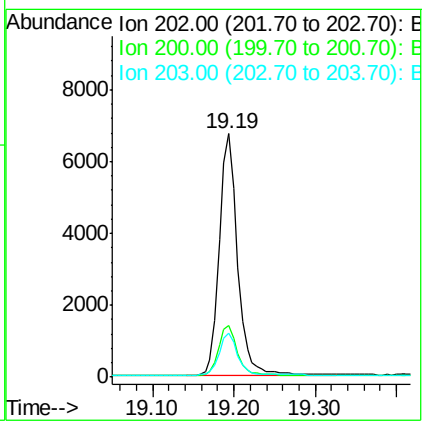


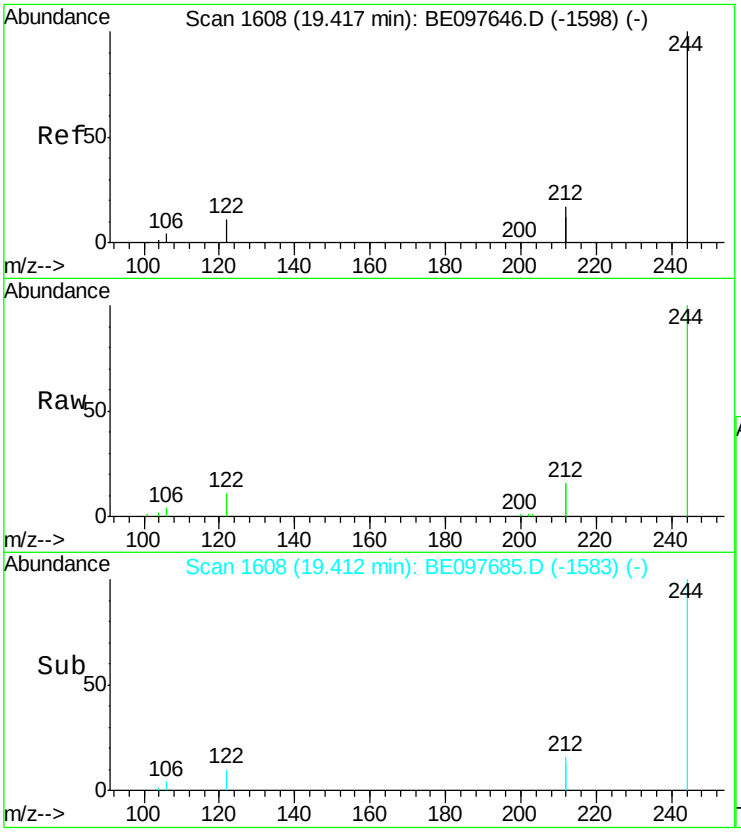


#28
Pyrene
Concen: 0.45 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:202 Resp: 10460

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.9	13.8	20.8



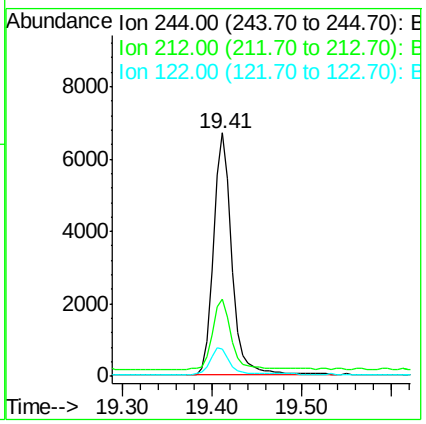


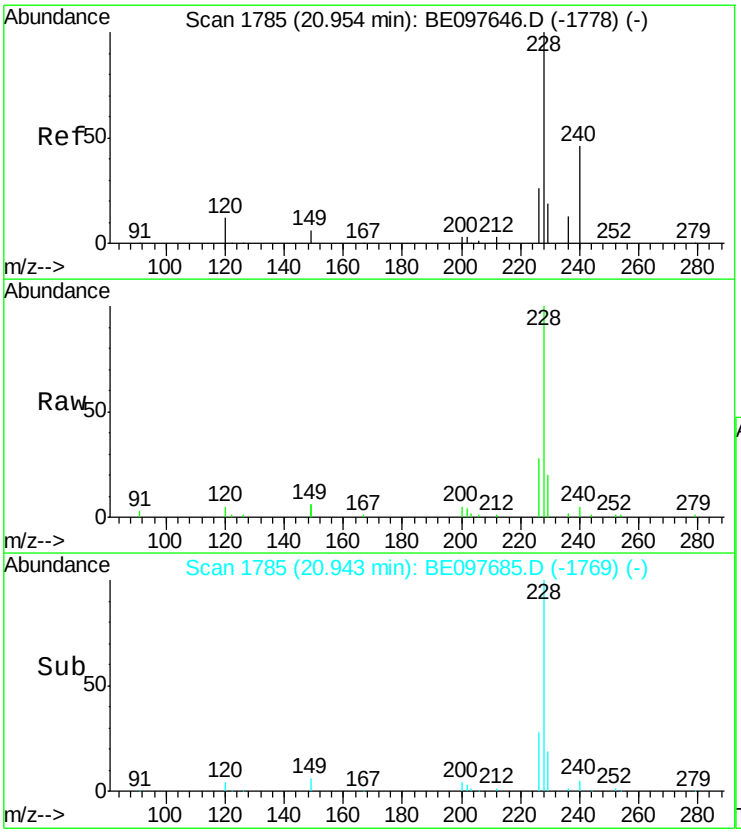
#29
Terphenyl-d14
Concen: 0.53 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9429

Ion	Ratio	Lower	Upper
244	100		
212	31.5	25.4	38.0
122	11.2	8.1	12.1

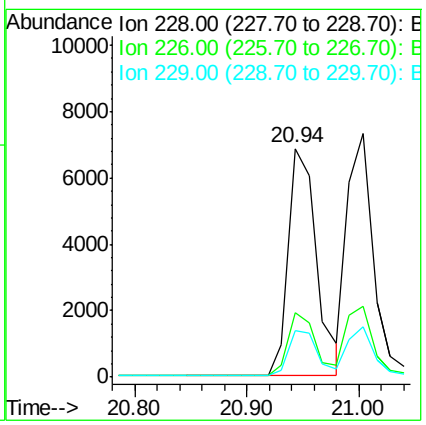


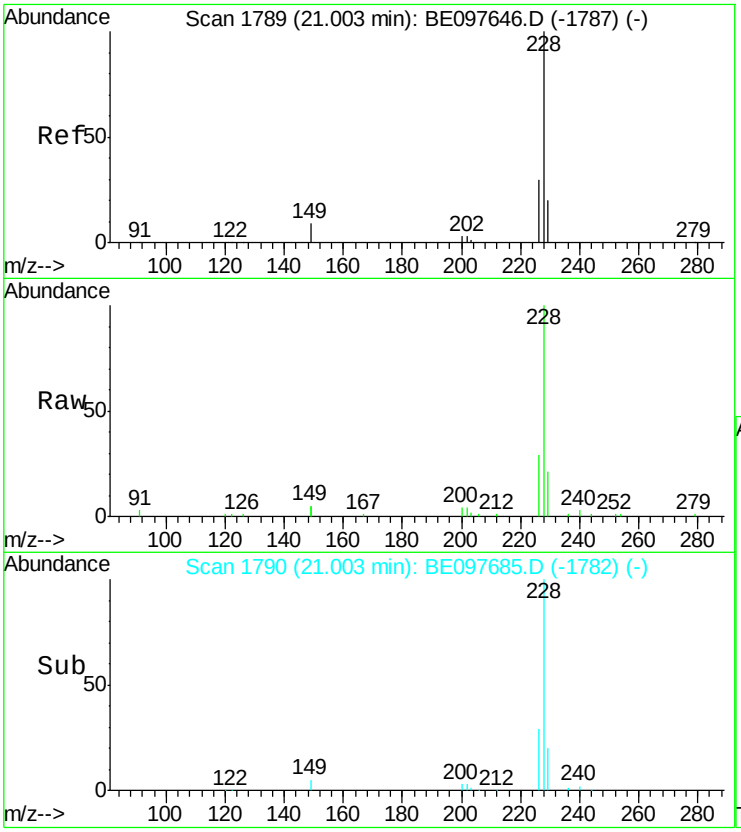


#30
Benzo(a)anthracene
Concen: 0.56 ng
RT: 20.94 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:228 Resp: 11887

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	20.1	16.0	24.0



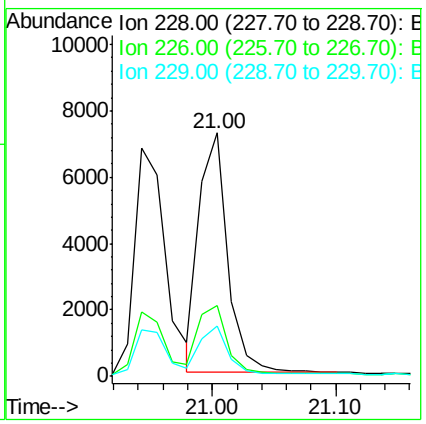


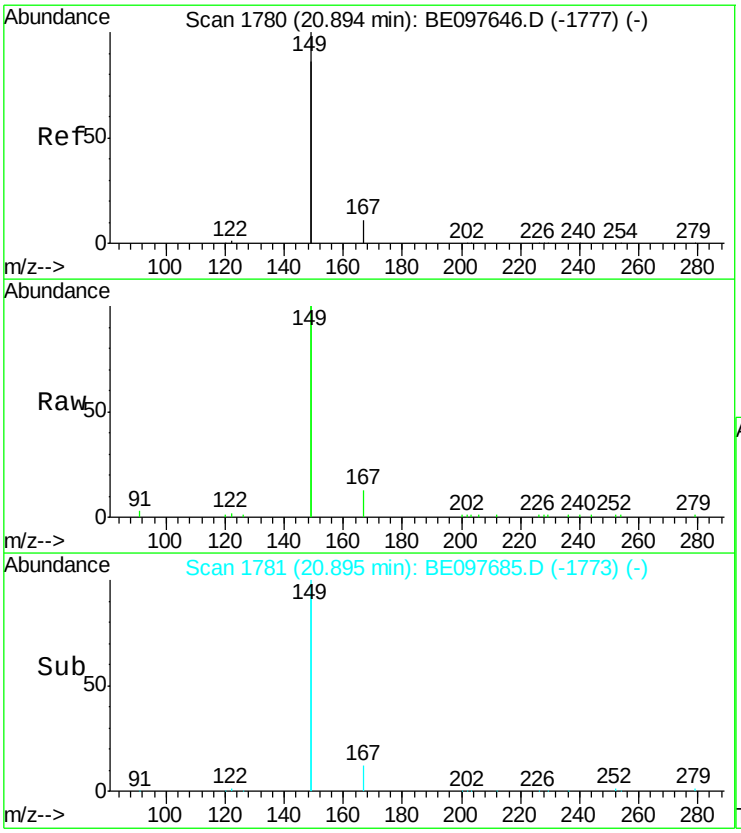
#31
Chrysene
Concen: 0.47 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11635

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.6	16.0	24.0

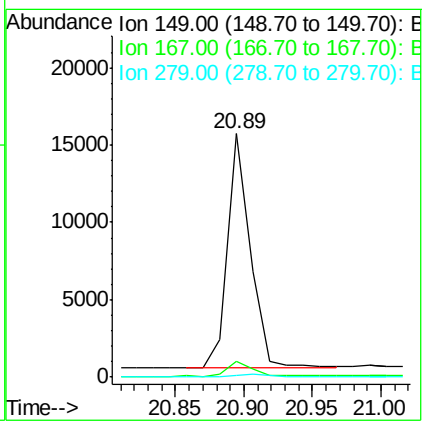


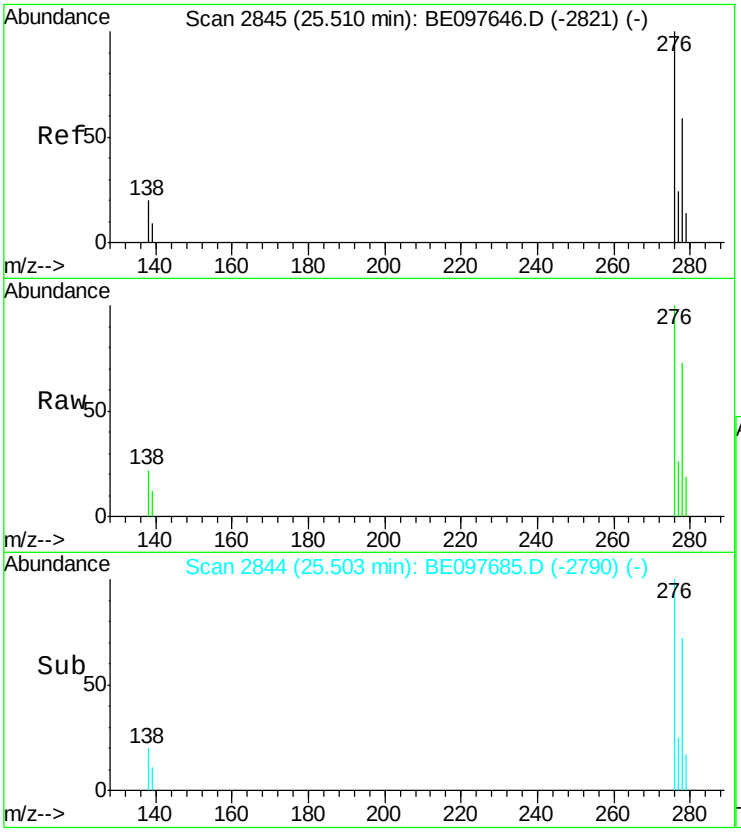


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.72 ng
RT: 20.89 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:149 Resp: 17548

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1



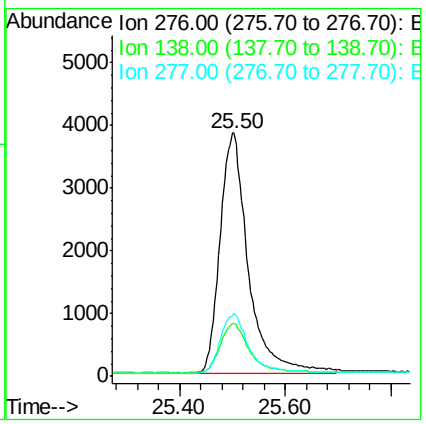


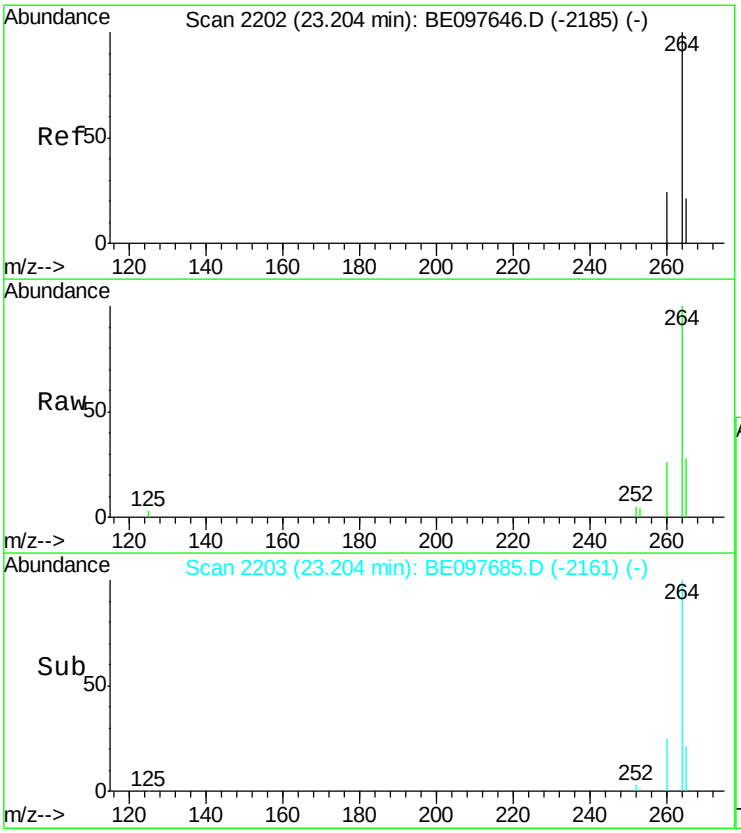
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.54 ng
RT: 25.50 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14207

Ion	Ratio	Lower	Upper
276	100		
138	21.1	22.5	33.7#
277	24.7	19.9	29.9

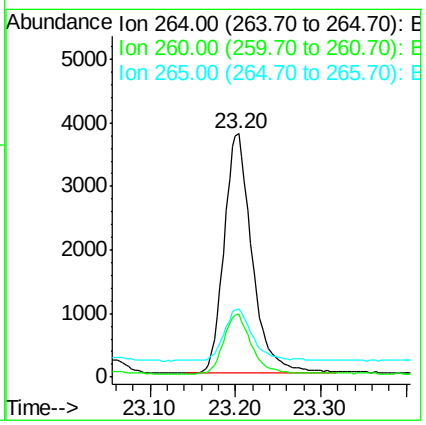


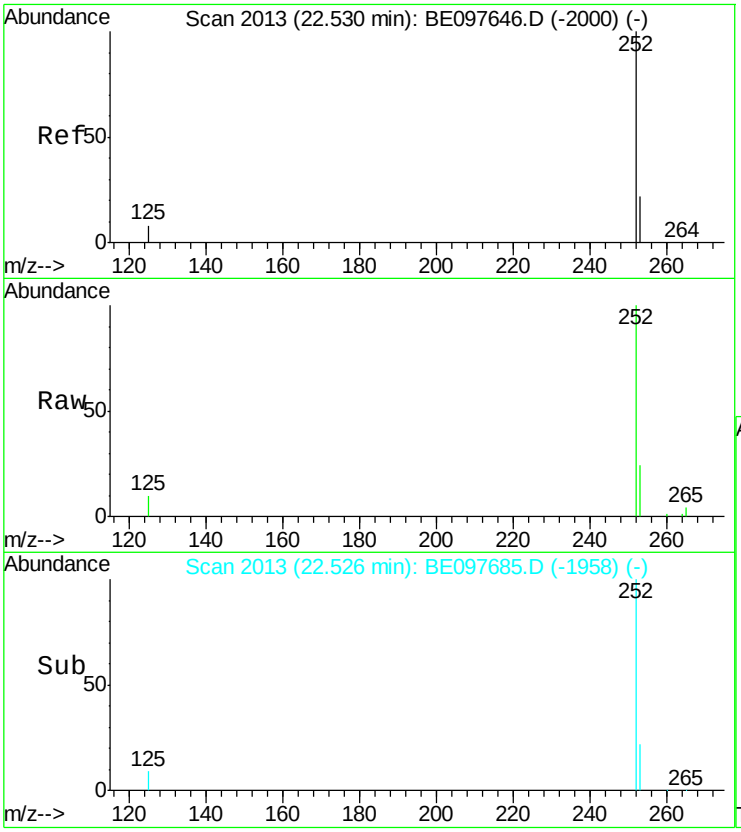


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.20 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:264 Resp: 8635

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	28.0	22.8	34.2



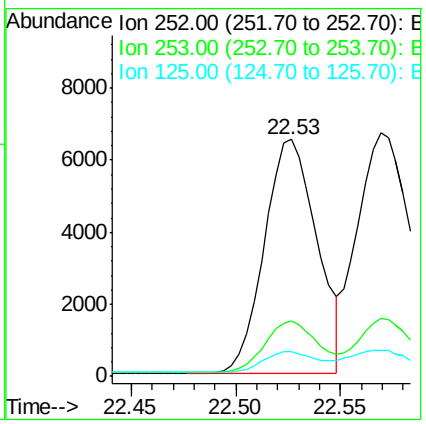


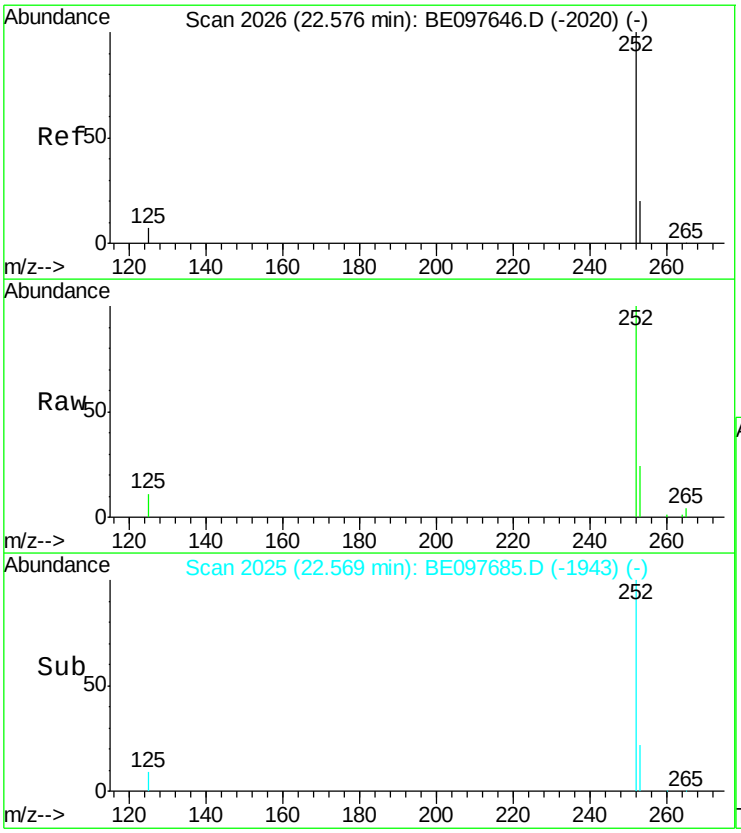
#35
Benzo(b)fluoranthene
Concen: 0.51 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11362

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	10.4	16.0	24.0#

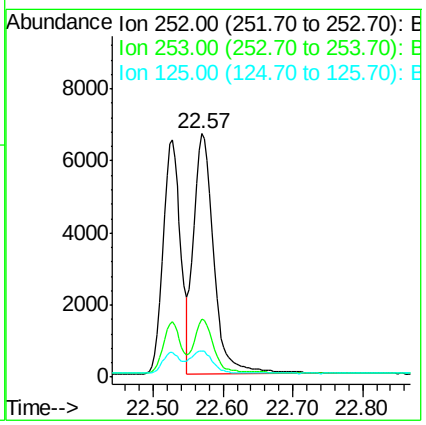


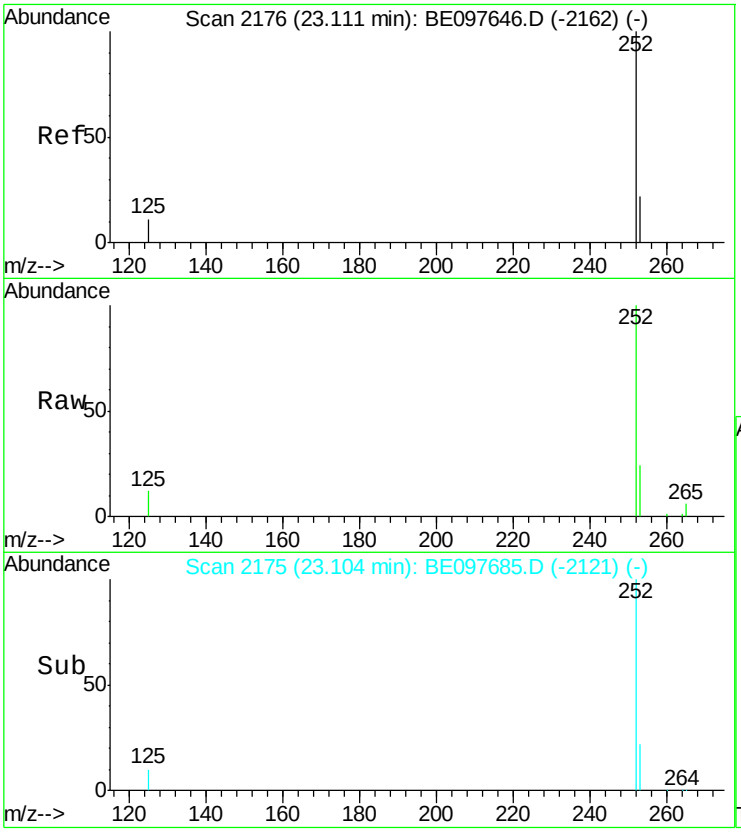


#36
Benzo(k)fluoranthene
Concen: 0.51 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:252 Resp: 13200

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	10.9	8.0	12.0



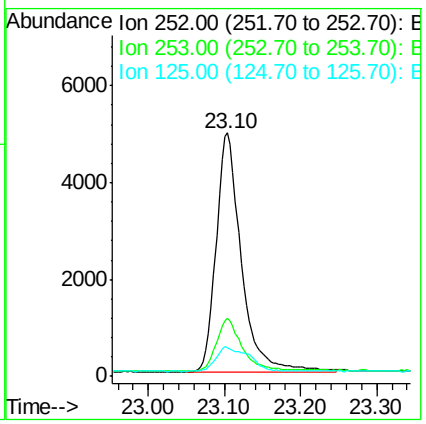


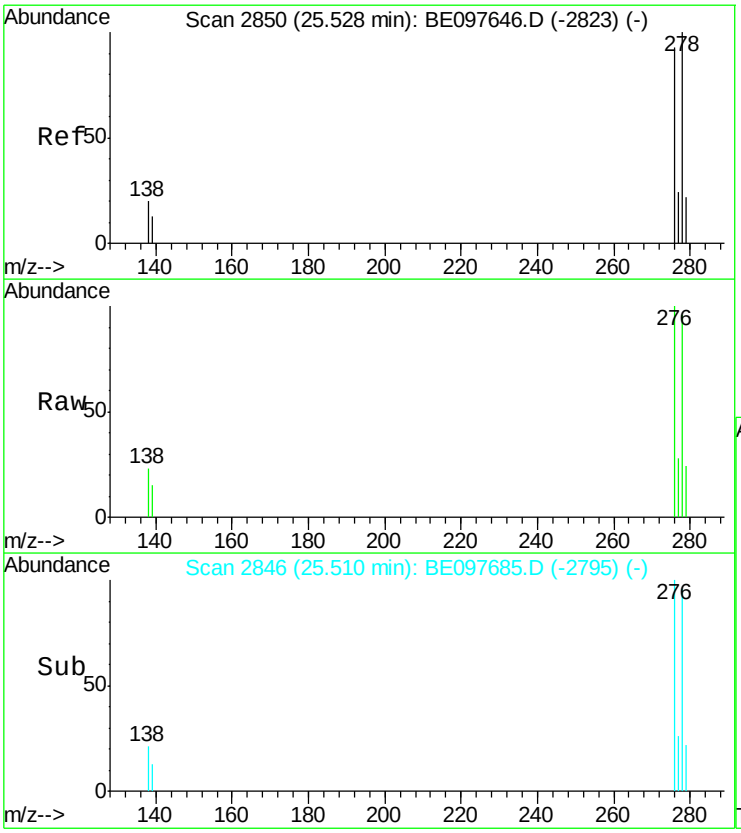
#37
Benzo(a)pyrene
Concen: 0.52 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11363

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	12.0	12.0	18.0#

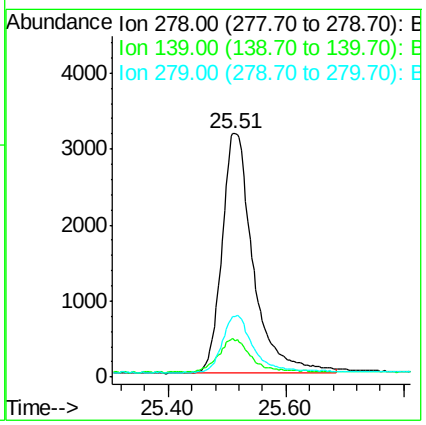


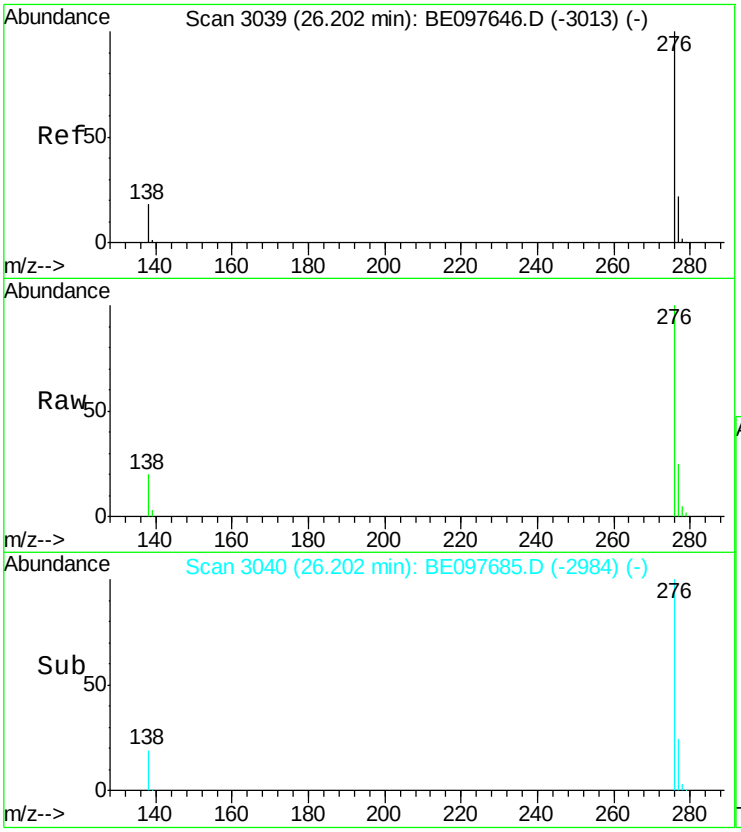


#38
Dibenzo(a,h)anthracene
Concen: 0.51 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:278 Resp: 11642

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	25.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.51 ng
RT: 26.20 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11603

Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.0	24.0#
138	20.2	20.0	30.0