Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097048.D
Acq On : 23 Jul 2018 22:51
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 24 01:14:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1545	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	7590	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4714	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	12991	0.40	ng		0.00
27) Chrysene-d12	20.98	240	12624	0.40	ng		0.00
34) Perylene-d12	23.21	264	12122	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1799	0.49	ng		0.00
5) Phenol-d6	6.60	99	2618	0.46	ng		0.00
8) Nitrobenzene-d5	8.53	82	2613	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	4366	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	638	0.58	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	6405	0.37	ng		0.00
25) Fluoranthene-d10	18.81	212	51308	0.45	ng		0.00
29) Terphenyl-d14	19.43	244	9698	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1030	0.466	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	1133	0.455	ng	#	92
6) bis(2-Chloroethyl)ether	6.84	93	2231	0.403	ng		98
9) Naphthalene	10.20	128	27387	0.403	ng		100
10) Hexachlorobutadiene	10.48	225	1228	0.447	ng		98
12) 2-Methylnaphthalene	11.81	142	4548	0.395	ng		99
16) Acenaphthylene	13.74	152	8166	0.379	ng		100
17) Acenaphthene	14.08	154	4901	0.366	ng		94
18) Fluorene	15.08	166	6310	0.420	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	2388	0.389	ng	#	86
21) Hexachlorobenzene	16.08	284	2591	0.380	ng	#	83
22) Pentachlorophenol	16.43	266	855	0.750	ng	#	75
23) Phenanthrene	16.81	178	12466	0.401	ng		99
24) Anthracene	16.91	178	10837	0.400	ng		96
26) Fluoranthene	18.84	202	13909	0.424	ng		98
28) Pyrene	19.20	202	13998	0.376	ng		99
30) Benzo(a)anthracene	20.95	228	12348	0.411	ng		97
31) Chrysene	21.00	228	13614	0.404	ng		97
32) Bis(2-ethylhexyl)phthalate	20.92	149	15990	0.533	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	13475	0.549	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	11056	0.357	ng	#	88
36) Benzo(k)fluoranthene	22.58	252	12970	0.352	ng		95
37) Benzo(a)pyrene	23.11	252	10672	0.404	ng		93
38) Dibenzo(a,h)anthracene	25.53	278	11233	0.489	ng	#	94
39) Benzo(g,h,i)perylene	26.20	276	11848	0.471	ng	#	91

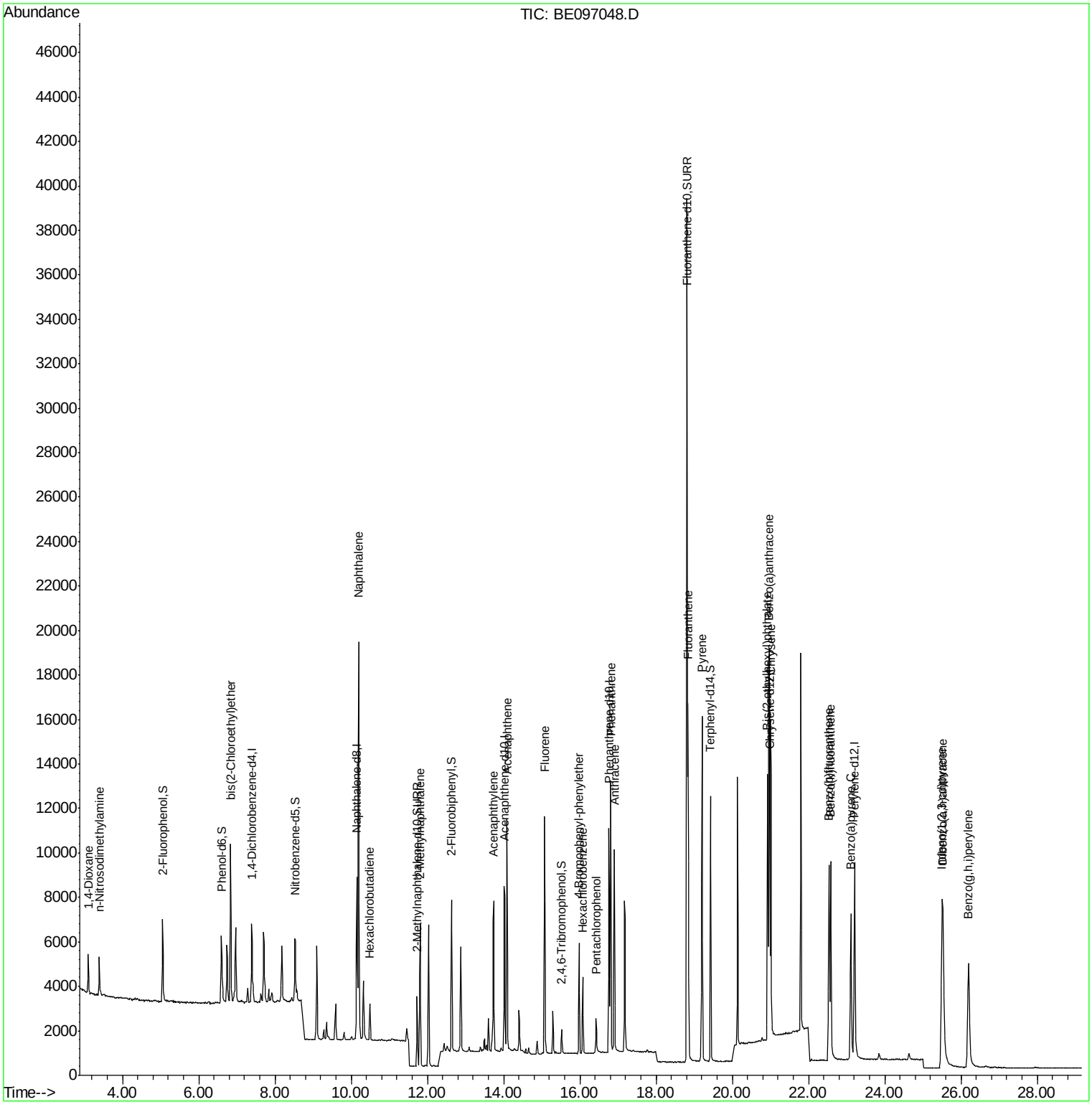
(#) = qualifier out of range (m) = manual integration (+) = signals summed

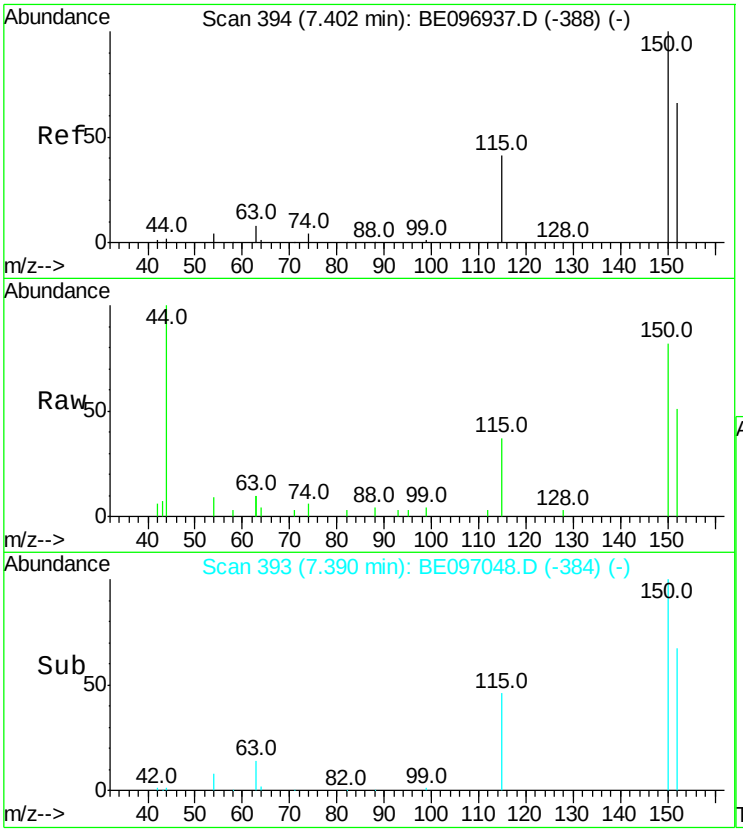
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097048.D
Acq On : 23 Jul 2018 22:51
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 24 01:14:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



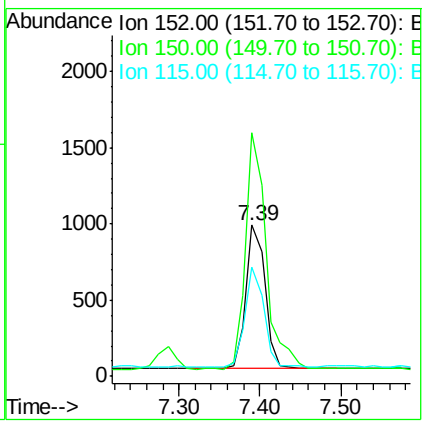


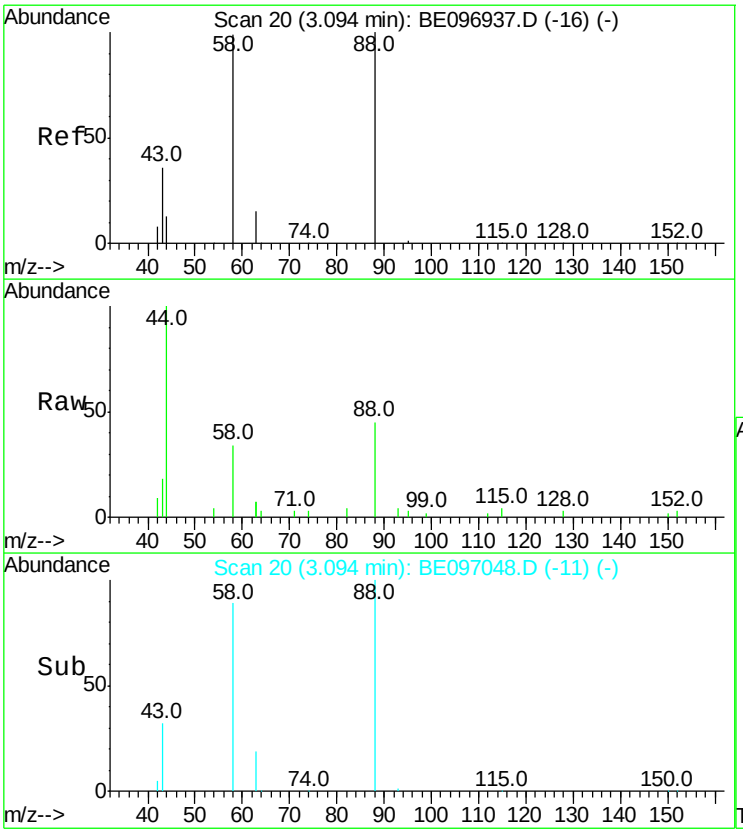
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1545

Ion	Ratio	Lower	Upper
152	100		
150	161.4	117.2	175.8
115	72.4	57.0	85.6

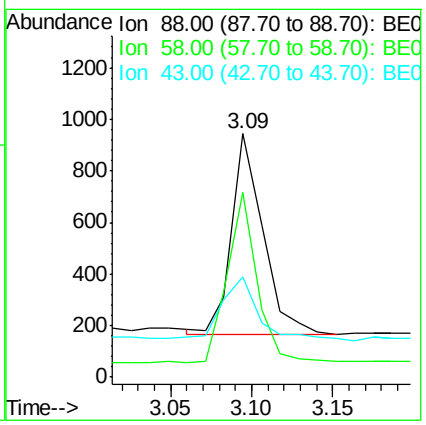


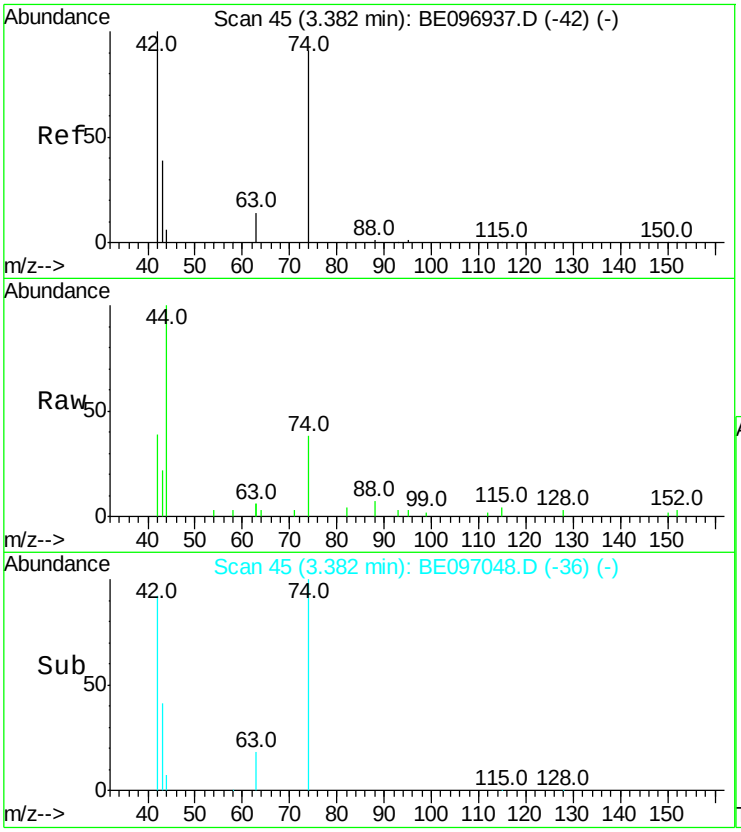


#2
1,4-Dioxane
Concen: 0.466 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion: 88 Resp: 1030

Ion	Ratio	Lower	Upper
88	100		
58	81.7	63.2	94.8
43	34.3	41.2	61.8#



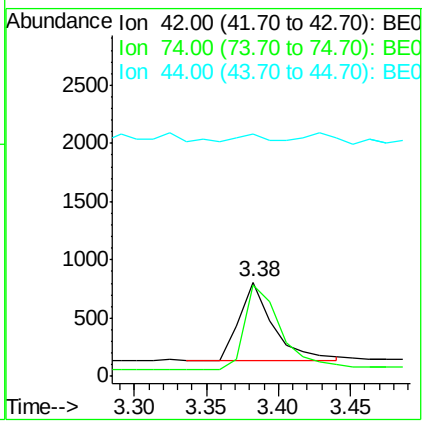


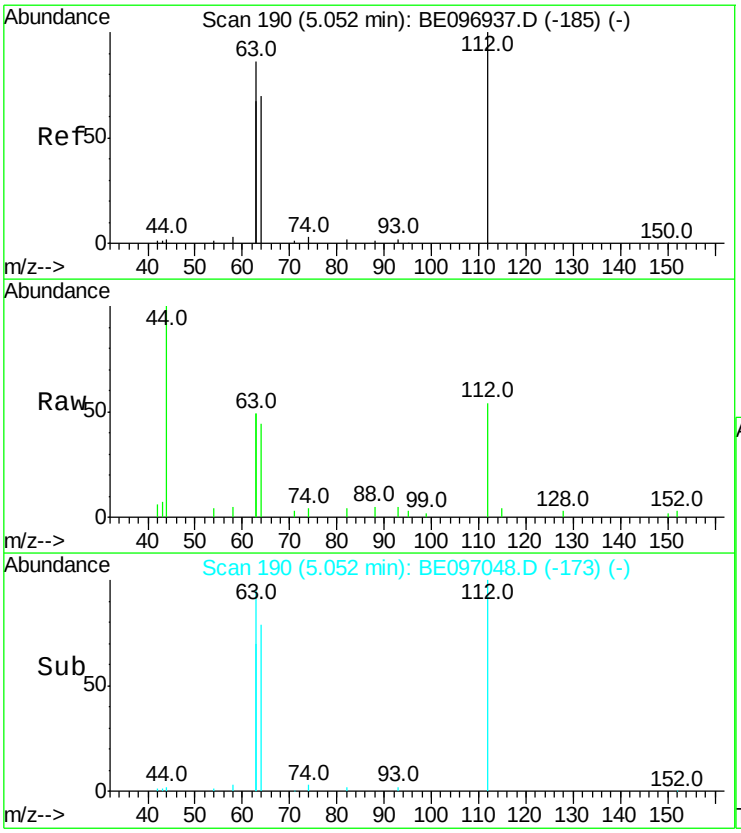
#3
n-Nitrosodimethylamine
Concen: 0.455 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1133

Ion	Ratio	Lower	Upper
42	100		
74	112.8	96.0	144.0
44	7.0	12.0	18.0#

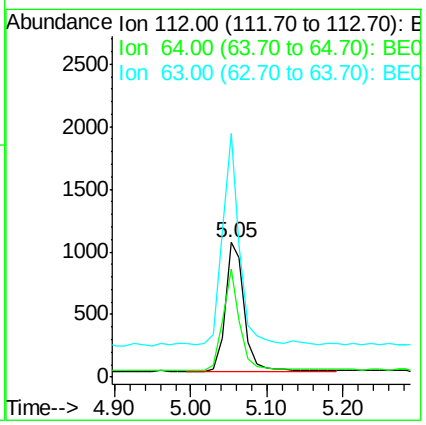


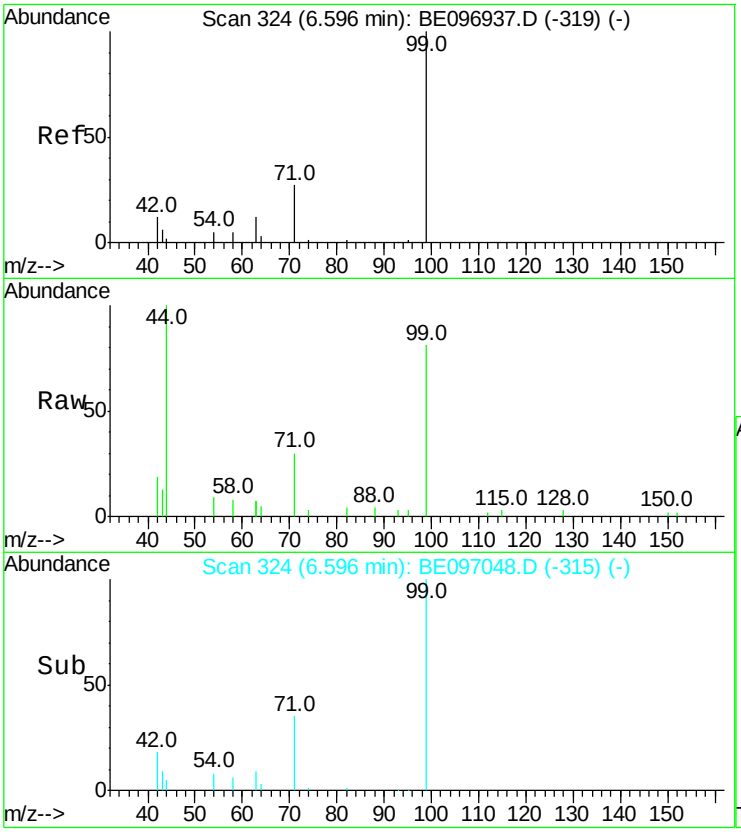


#4
2-Fluorophenol
Concen: 0.487 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:112 Resp: 1799

Ion	Ratio	Lower	Upper
112	100		
64	70.2	60.1	90.1
63	150.6	116.8	175.2



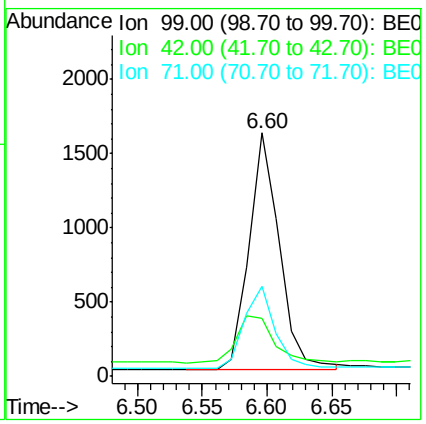


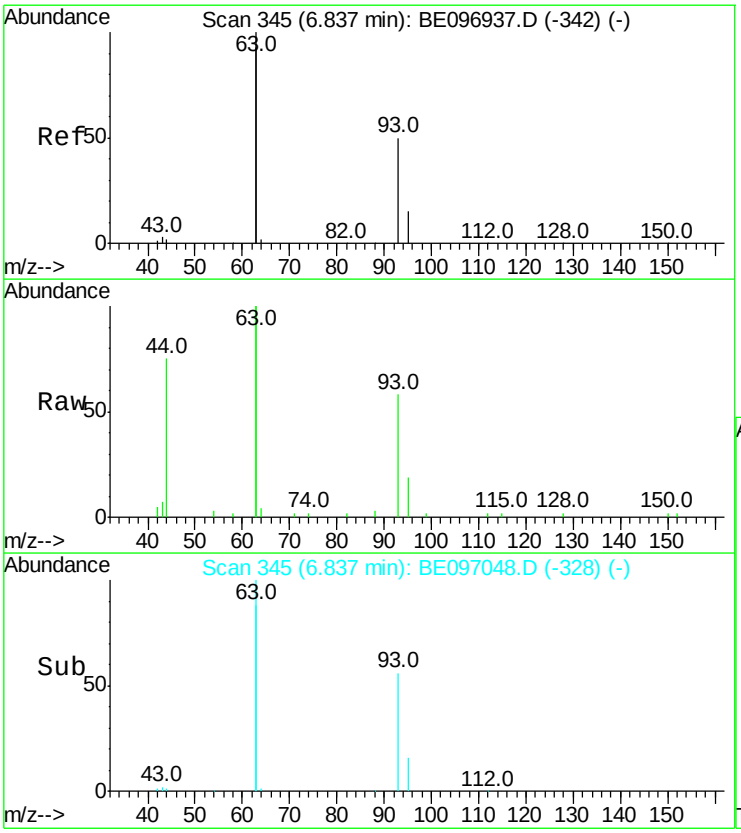
#5
Phenol-d6
Concen: 0.464 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2618

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.2	30.2
71	34.5	28.4	42.6

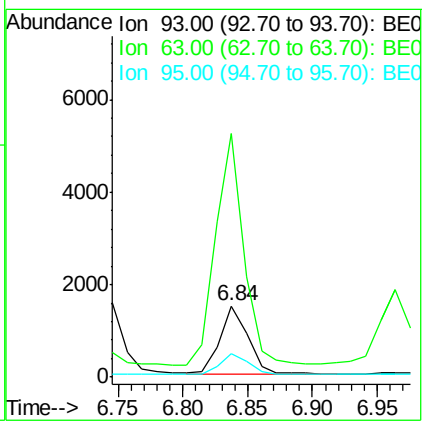


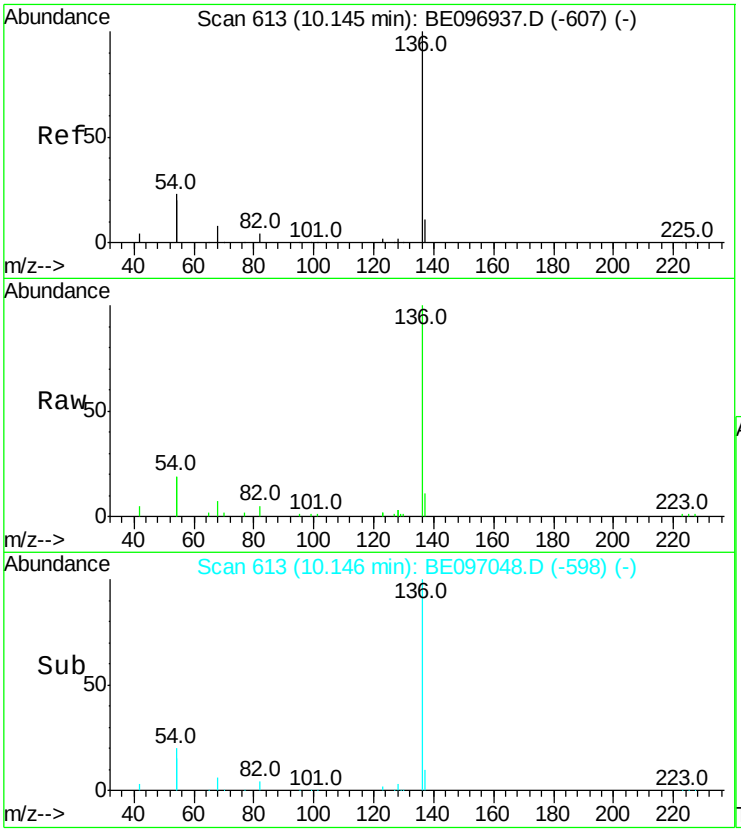


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion: 93 Resp: 2231

Ion	Ratio	Lower	Upper
93	100		
63	340.3	275.3	412.9
95	31.3	25.2	37.8



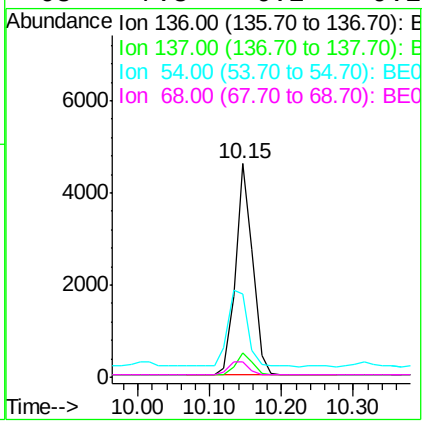


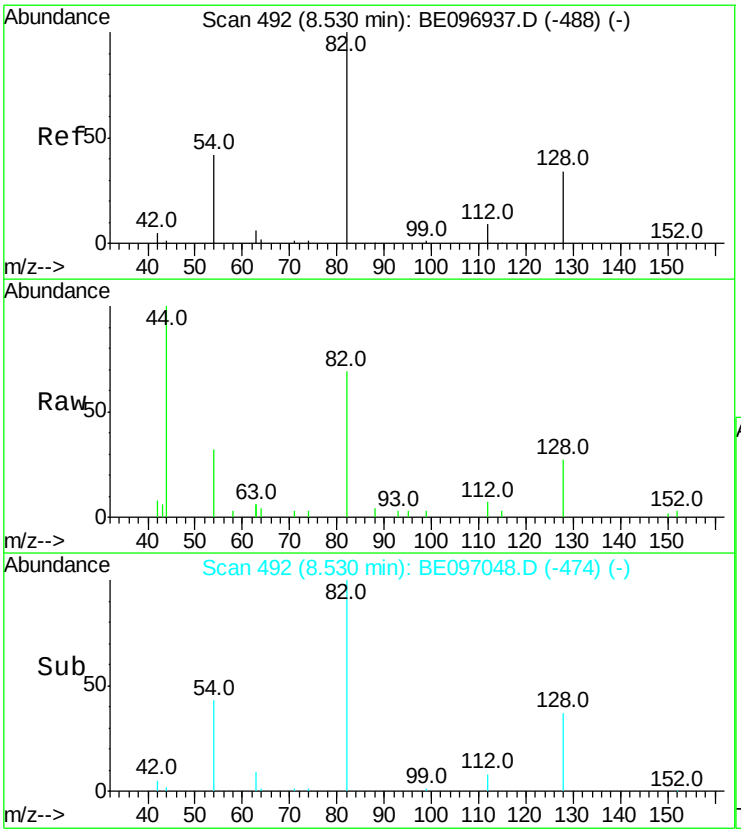
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7590

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	39.0	29.1	43.7
68	7.3	6.2	9.2

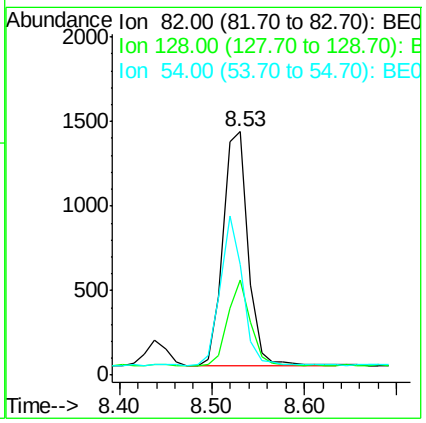


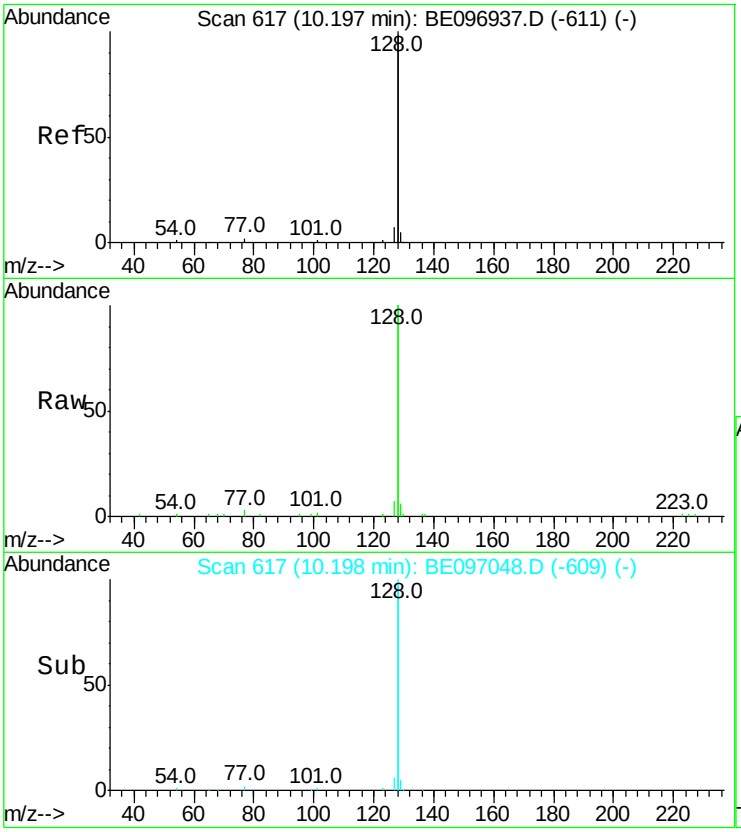


#8
Nitrobenzene-d5
Concen: 0.472 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion: 82 Resp: 2613

Ion	Ratio	Lower	Upper
82	100		
128	39.0	24.0	36.0#
54	45.6	40.0	60.0



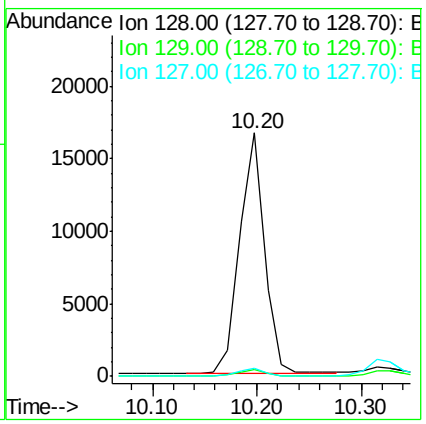


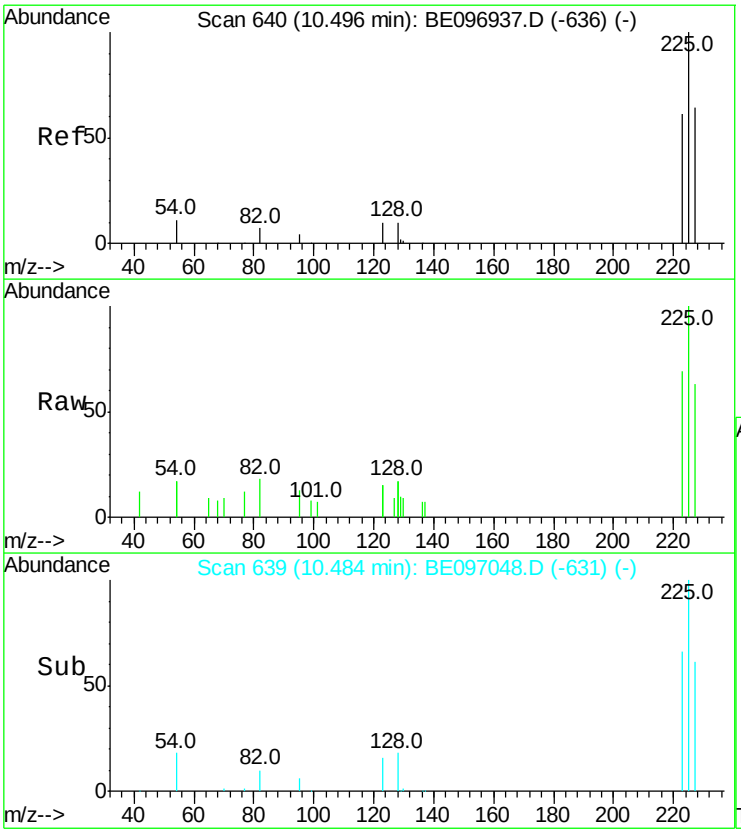
#9
Naphthalene
Concen: 0.403 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 27387

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.4	2.8	4.2

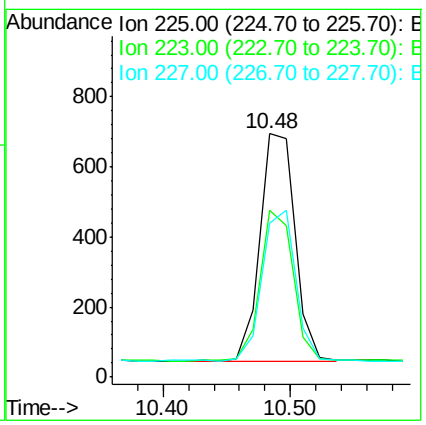


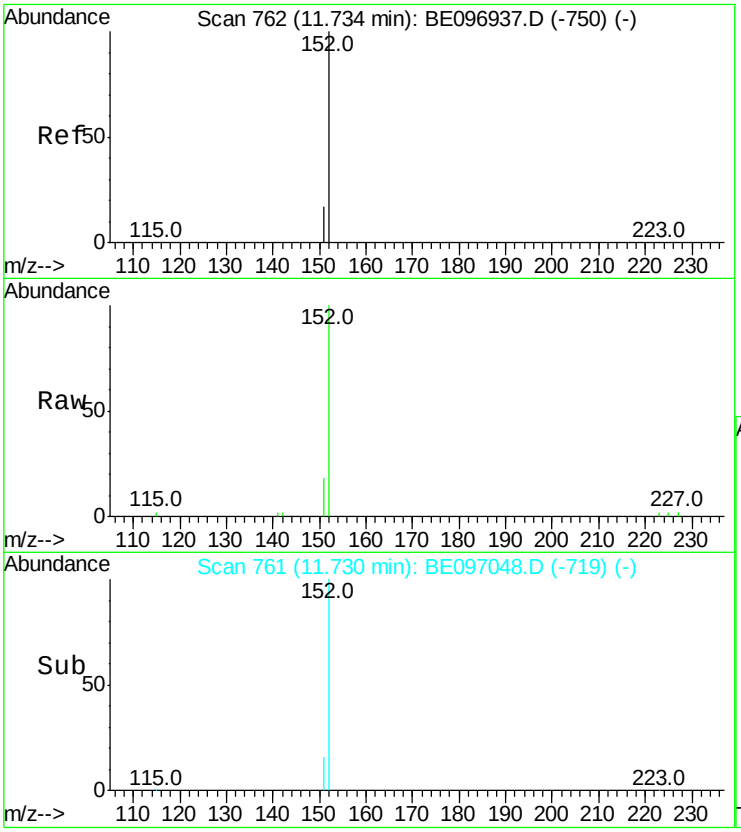


#10
Hexachlorobutadiene
Concen: 0.447 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:225 Resp: 1228

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	63.4	51.4	77.2



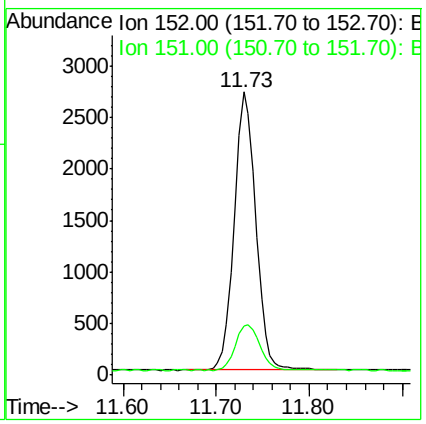


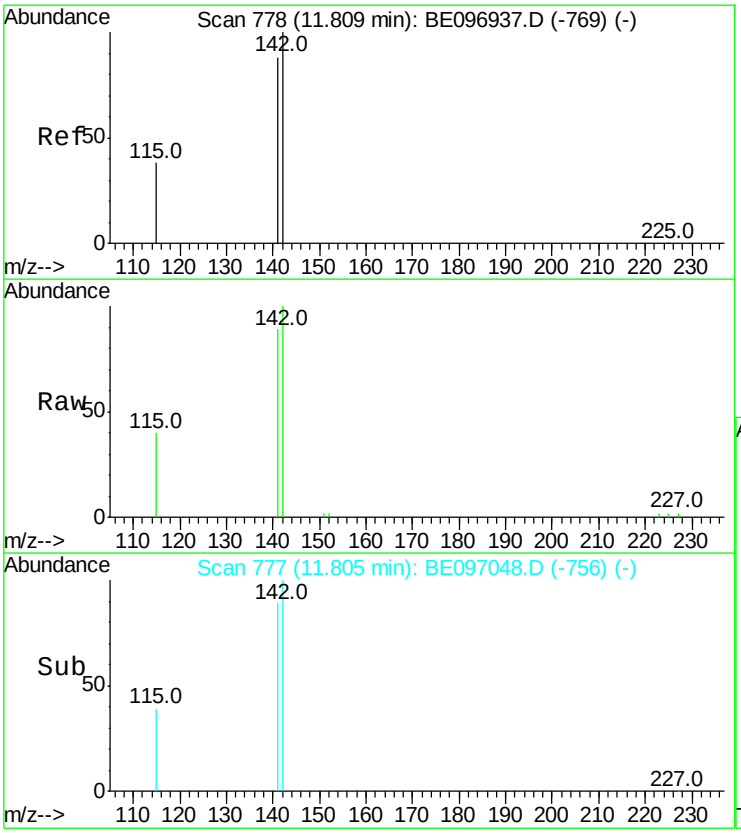
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4366

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

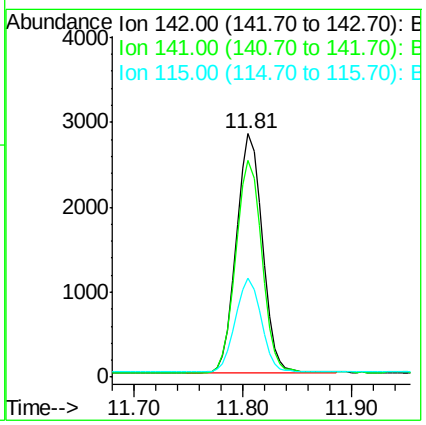


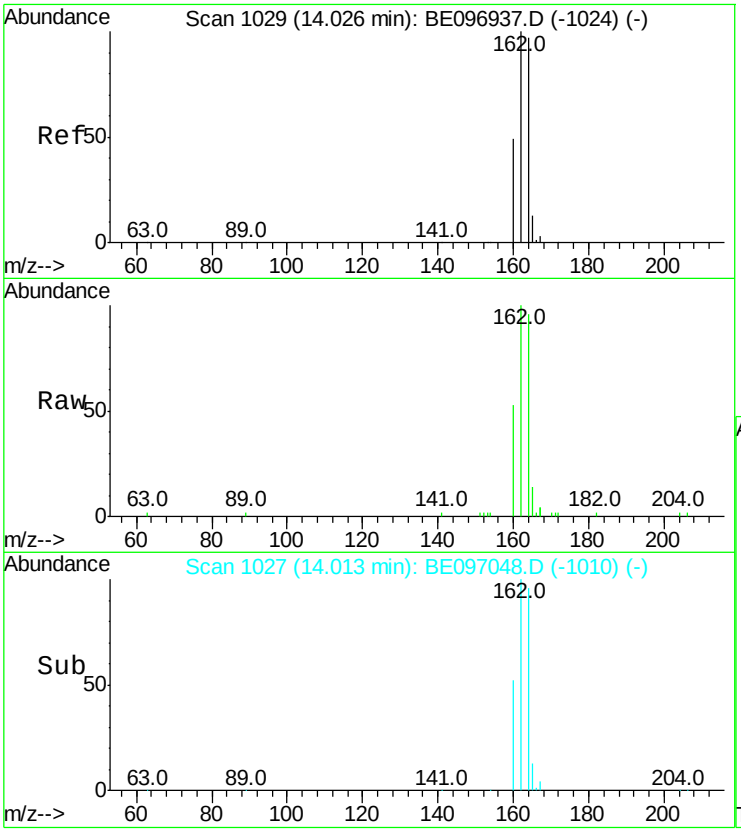


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 11.81 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:142 Resp: 4548

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	40.5	31.7	47.5



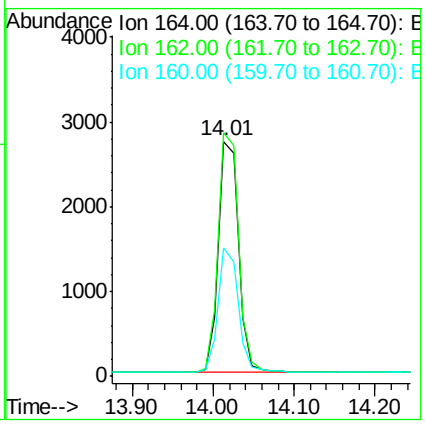


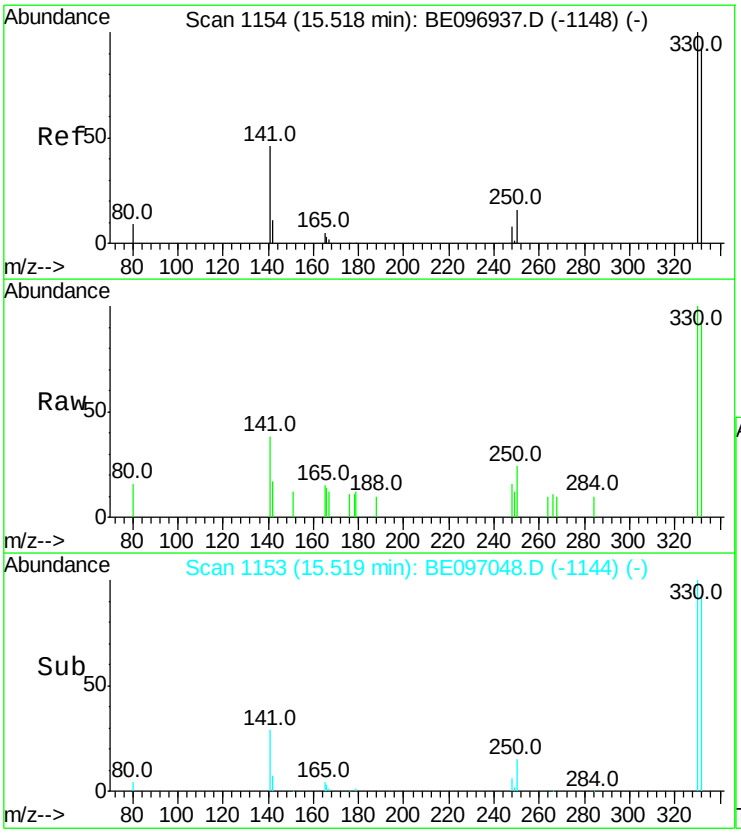
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4714

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	54.7	37.1	55.7

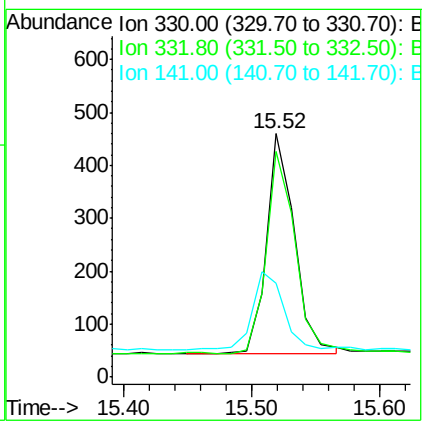


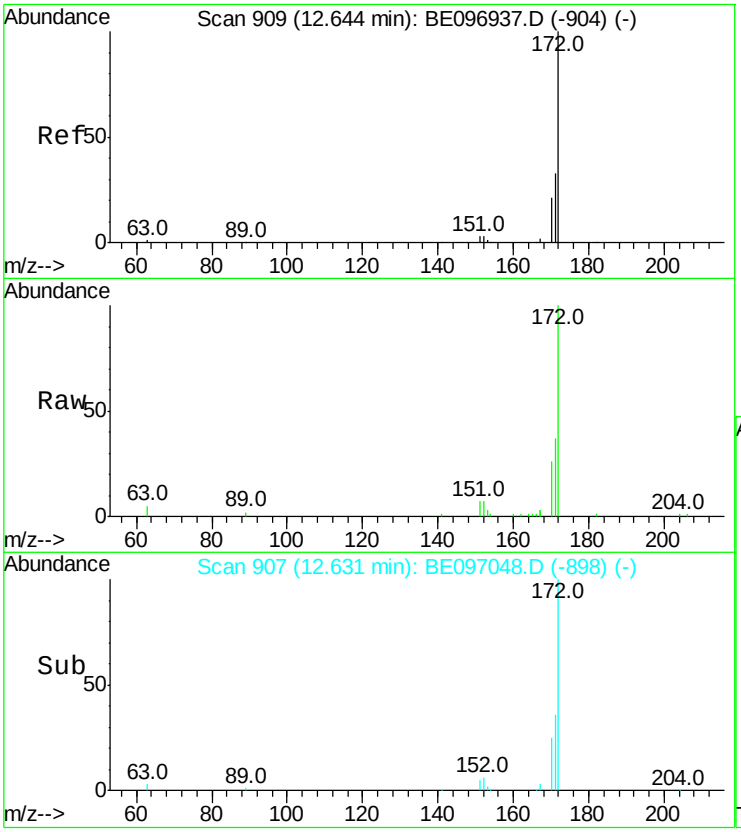


#14
2,4,6-Tribromophenol
Concen: 0.578 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:330 Resp: 638

Ion	Ratio	Lower	Upper
330	100		
332	95.1	152.7	229.1#
141	40.3	33.7	50.5



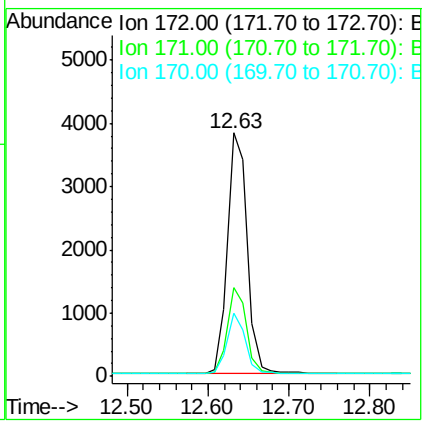


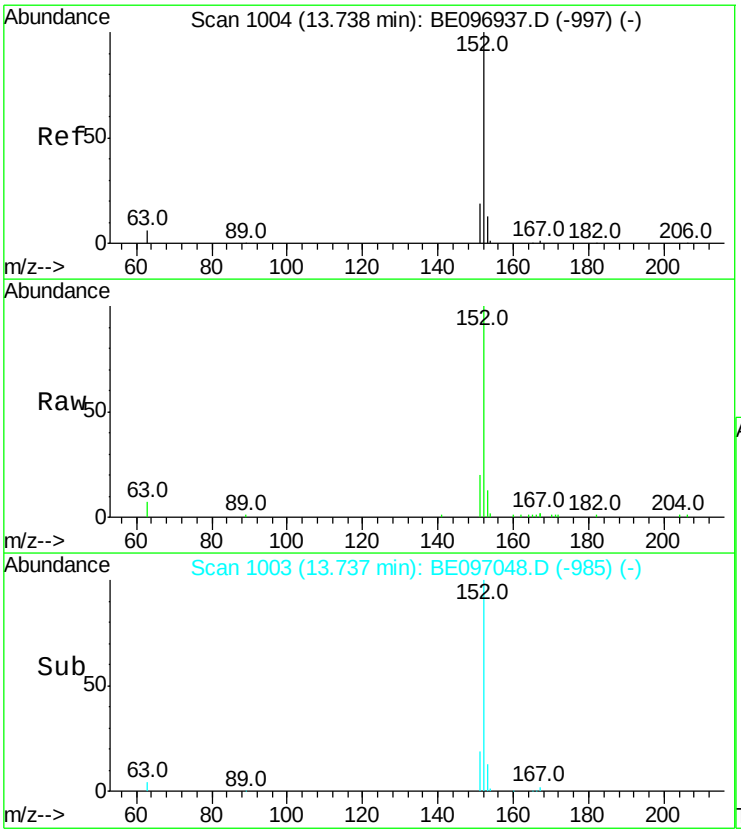
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6405

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	25.8	21.8	32.8

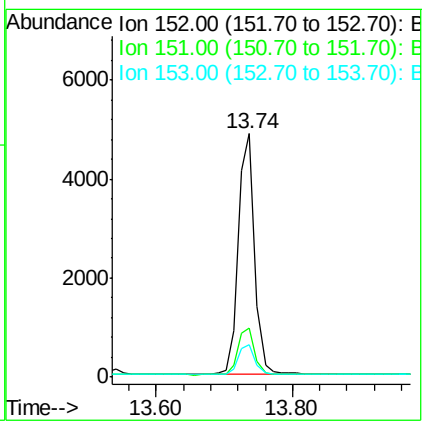


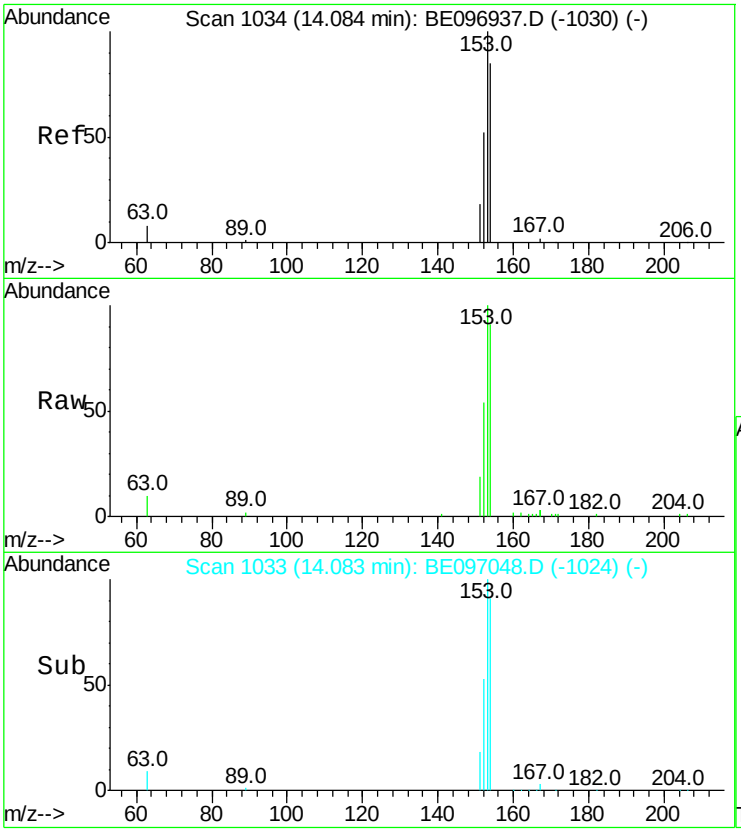


#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:152 Resp: 8166

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7



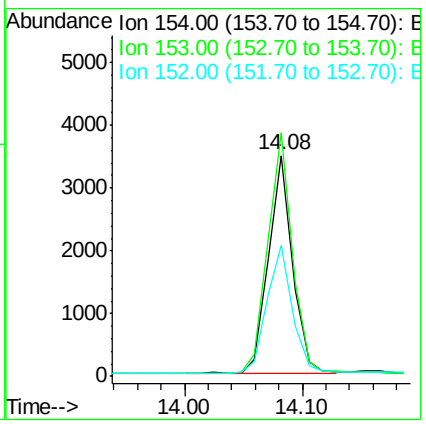


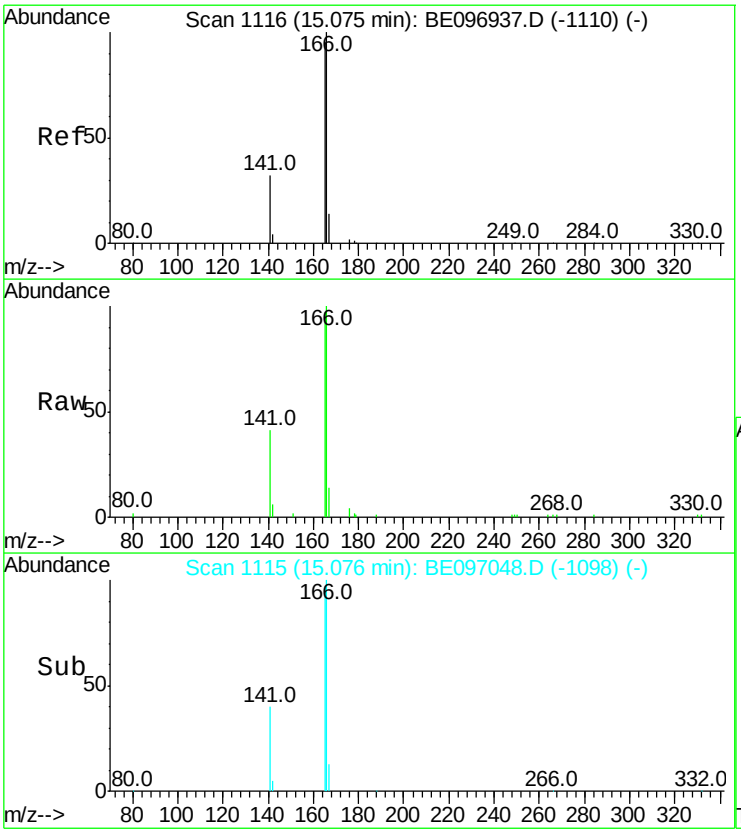
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4901

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.2	133.8
152	62.5	42.0	63.0

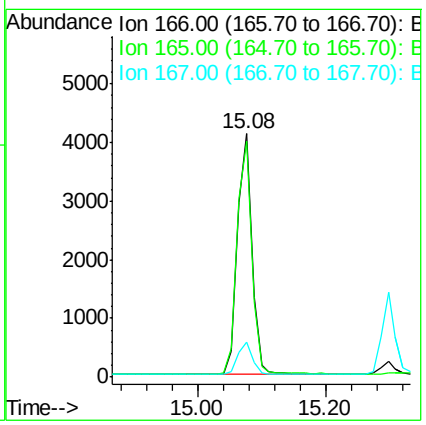


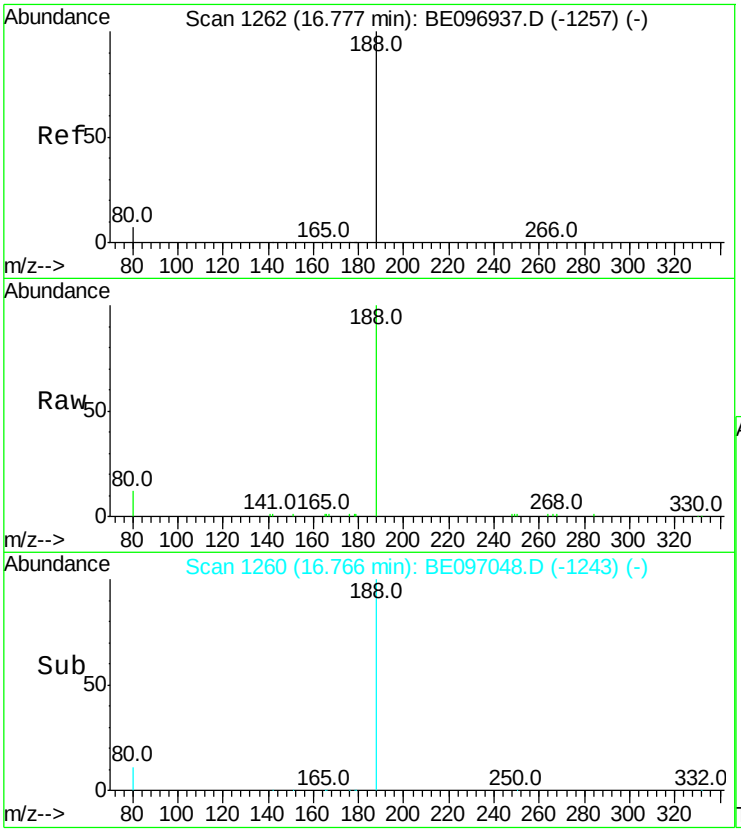


#18
Fluorene
Concen: 0.420 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:166 Resp: 6310

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.5	42.4	63.6#



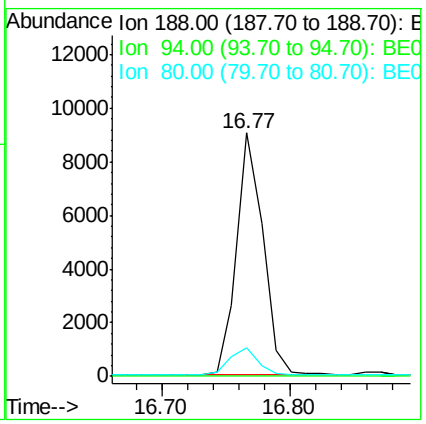


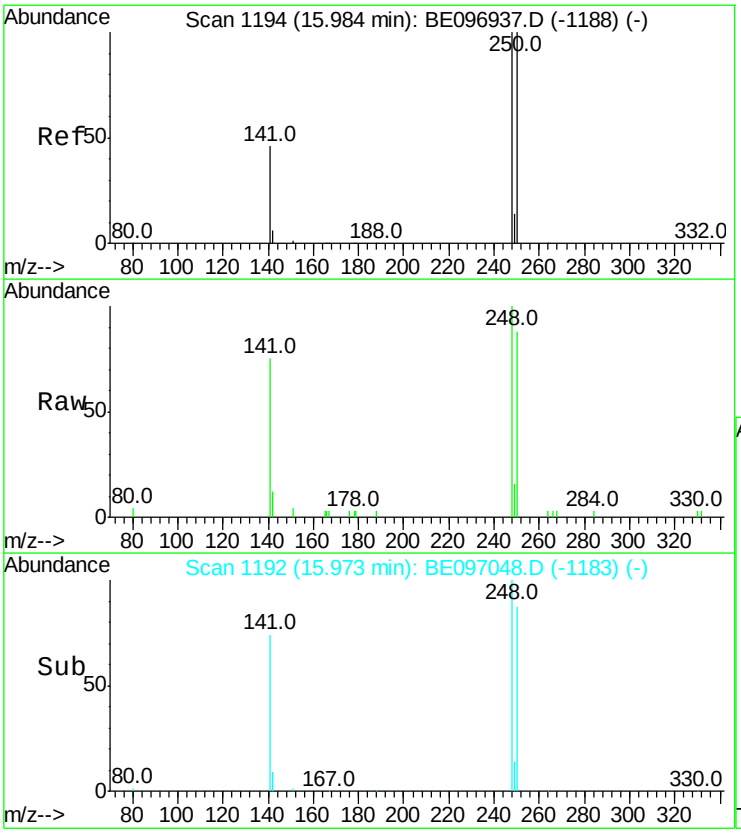
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12991

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.8	3.6	5.4#

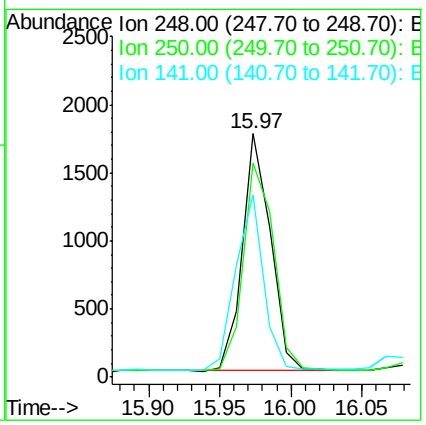


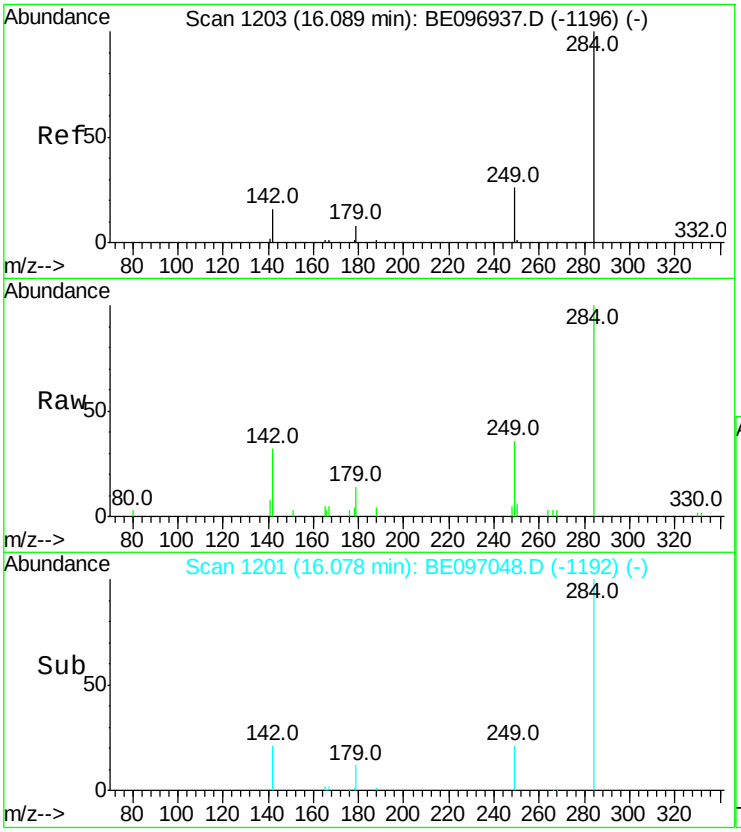


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:248 Resp: 2388

Ion	Ratio	Lower	Upper
248	100		
250	88.0	62.7	94.1
141	74.6	48.2	72.2#



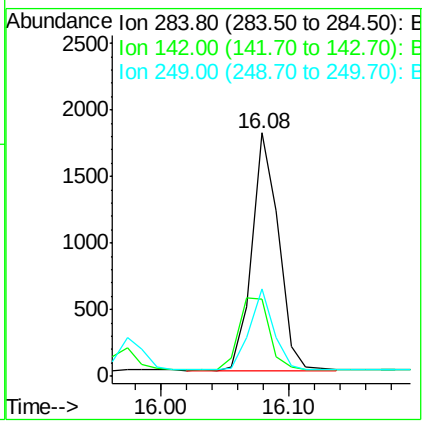


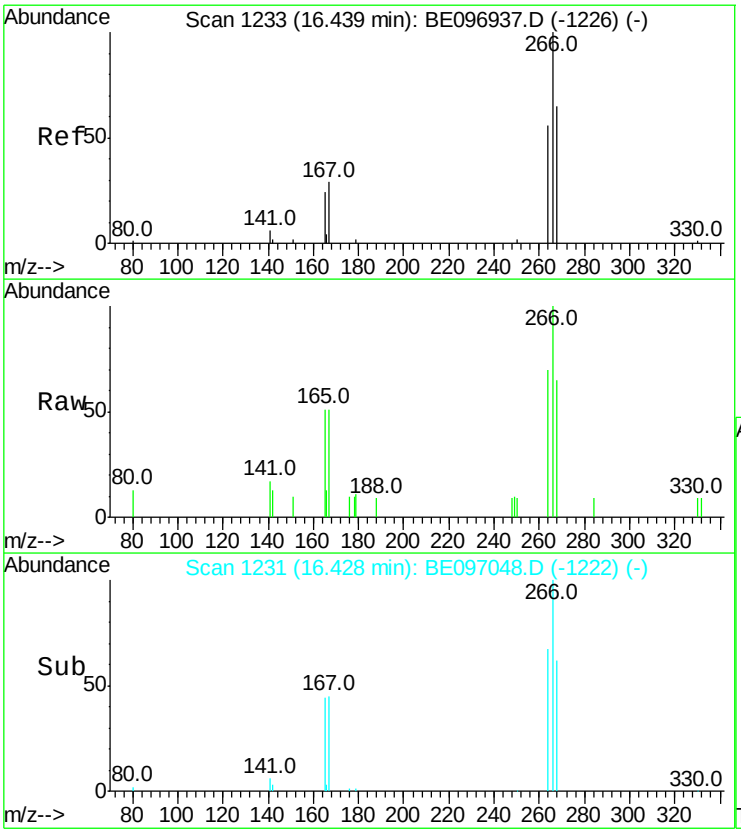
#21
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2591

Ion	Ratio	Lower	Upper
284	100		
142	35.2	22.1	33.1#
249	31.3	34.8	52.2#

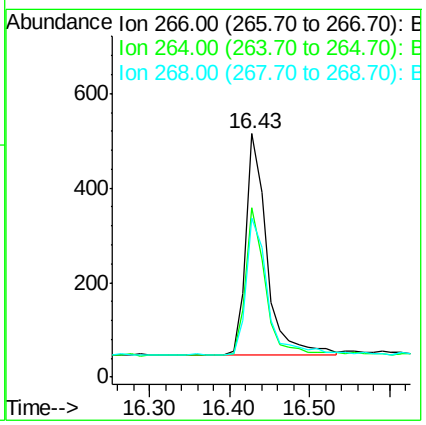


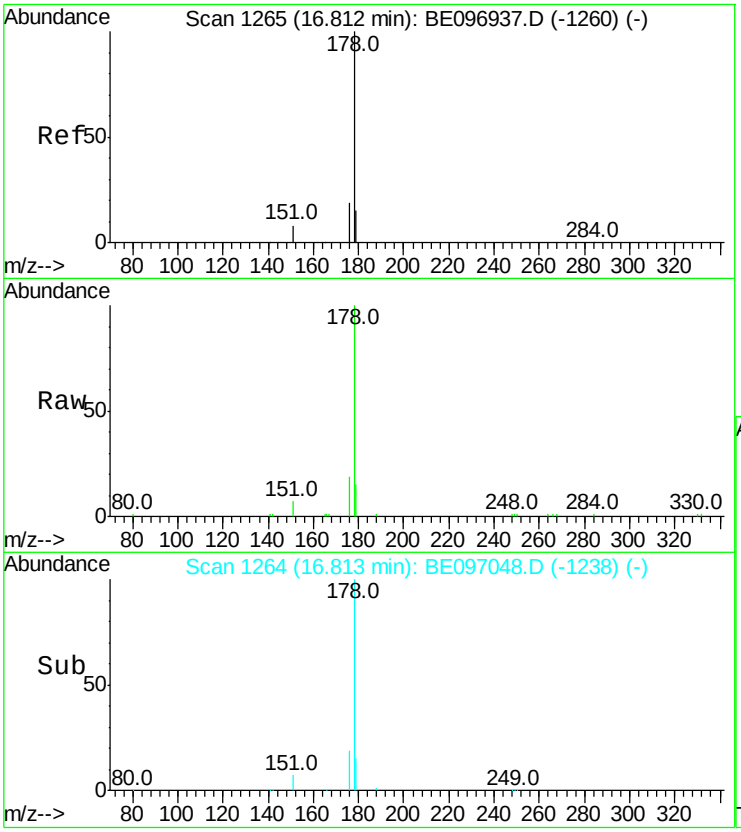


#22
Pentachlorophenol
Concen: 0.750 ng
RT: 16.43 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:266 Resp: 855

Ion	Ratio	Lower	Upper
266	100		
264	69.7	72.5	108.7#
268	65.4	73.8	110.6#



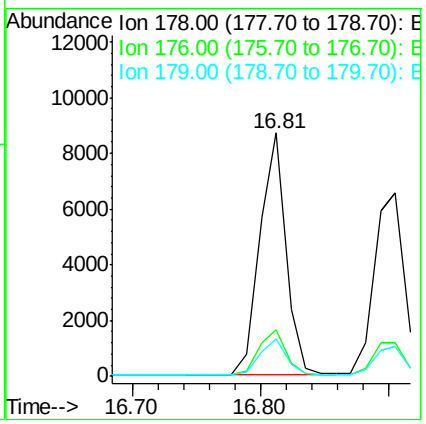


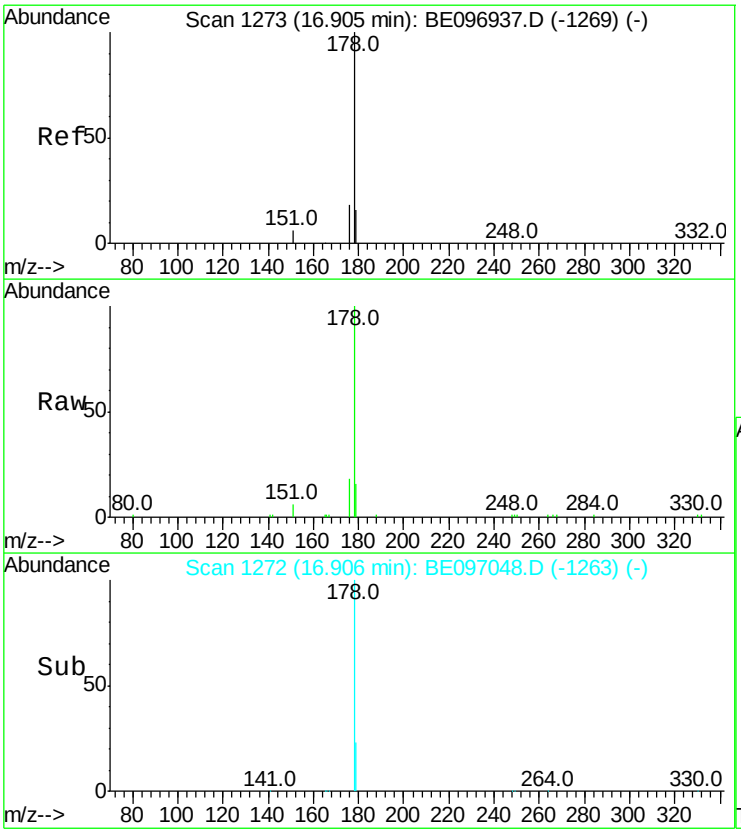
#23
Phenanthrene
Concen: 0.401 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 12466

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	14.9	11.8	17.6

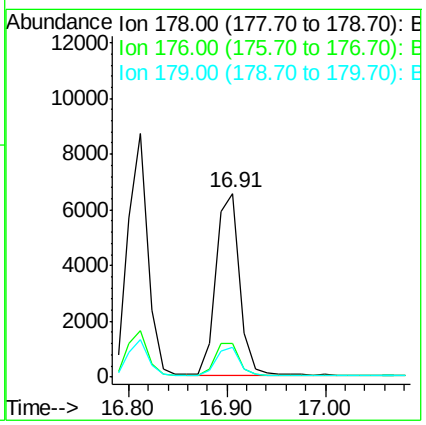


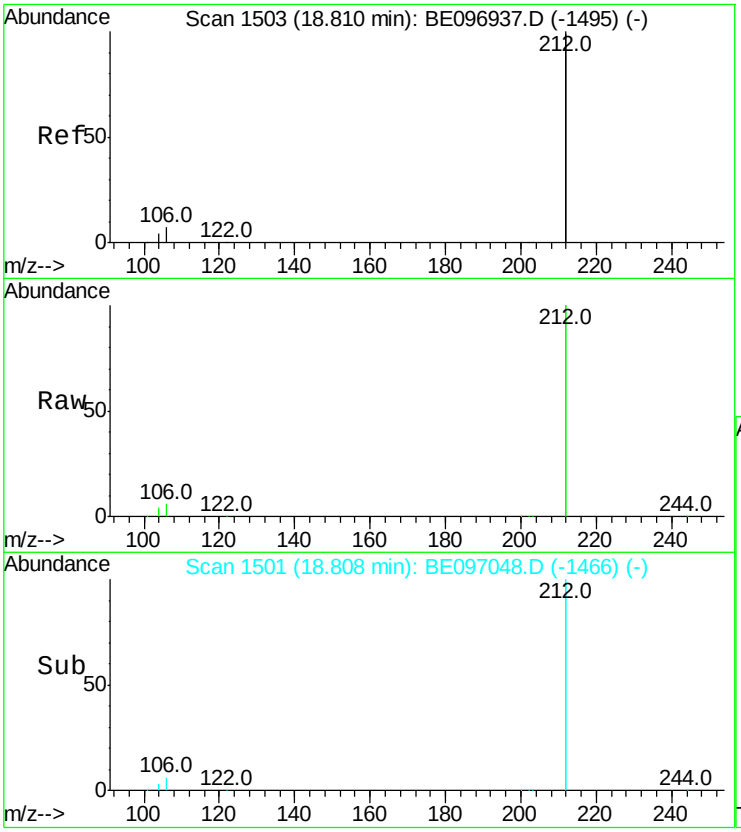


#24
Anthracene
Concen: 0.400 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:178 Resp: 10837

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.4	13.0	19.6



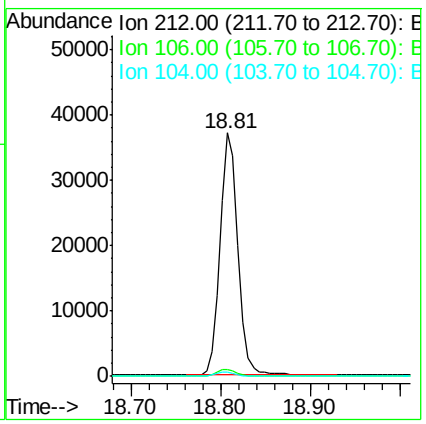


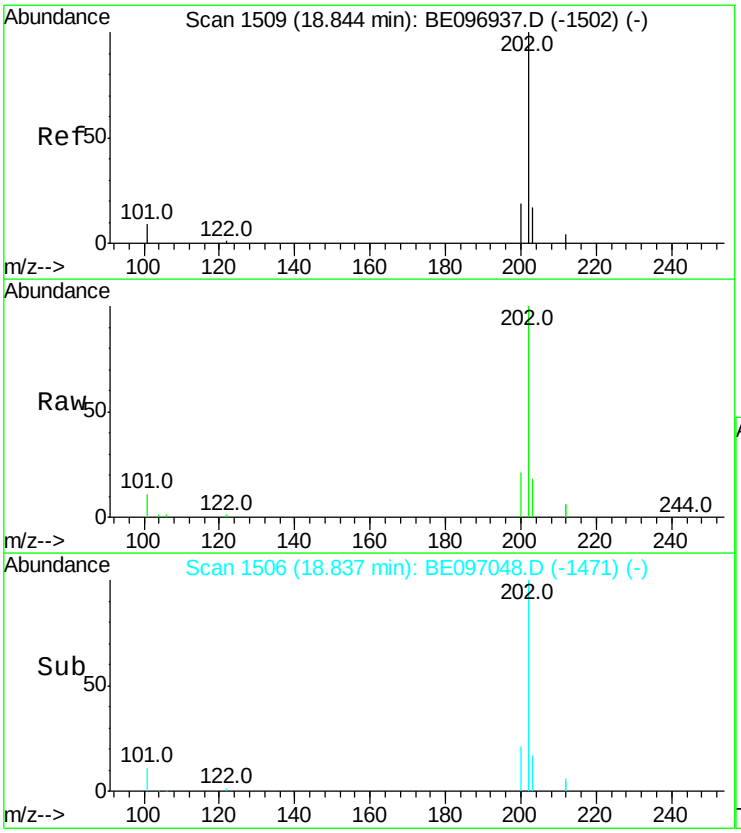
#25
Fluoranthene-d10
Concen: 0.454 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 51308

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

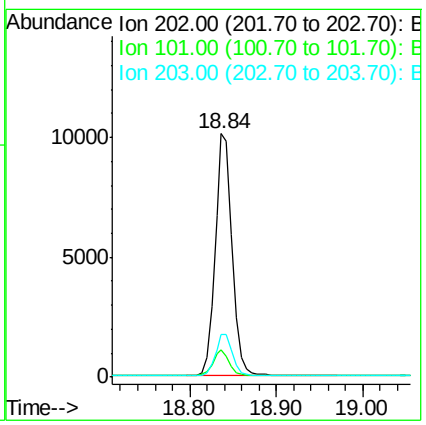


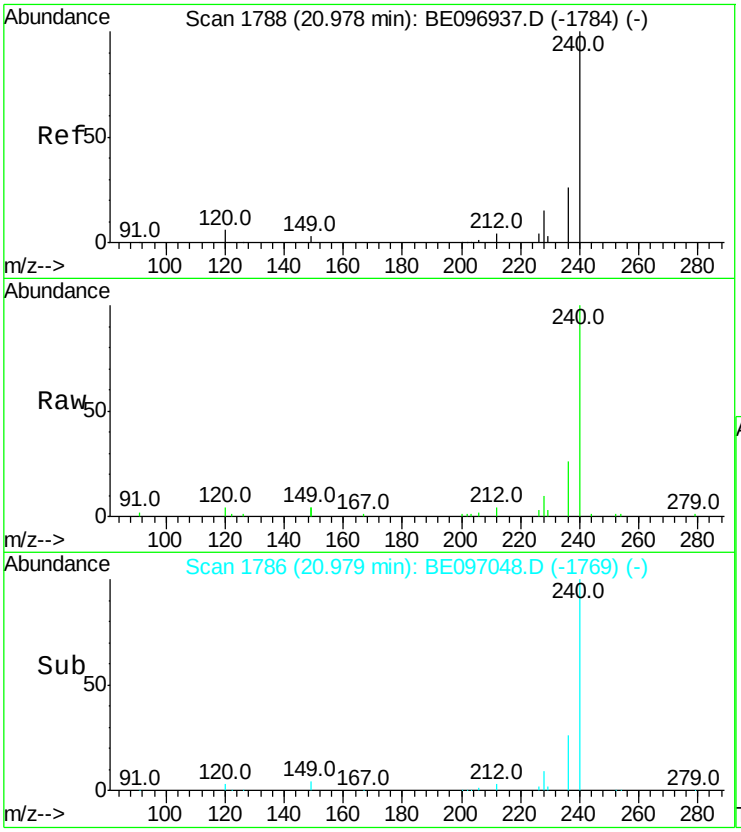


#26
Fluoranthene
Concen: 0.424 ng
RT: 18.84 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:202 Resp: 13909

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	17.1	13.7	20.5



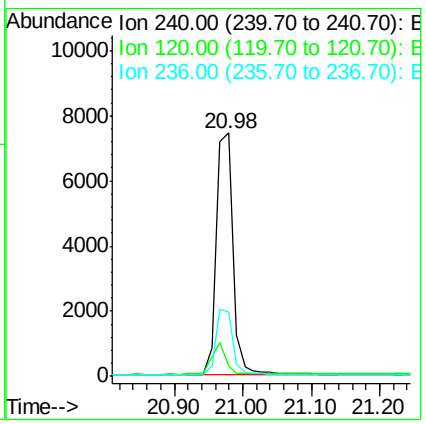


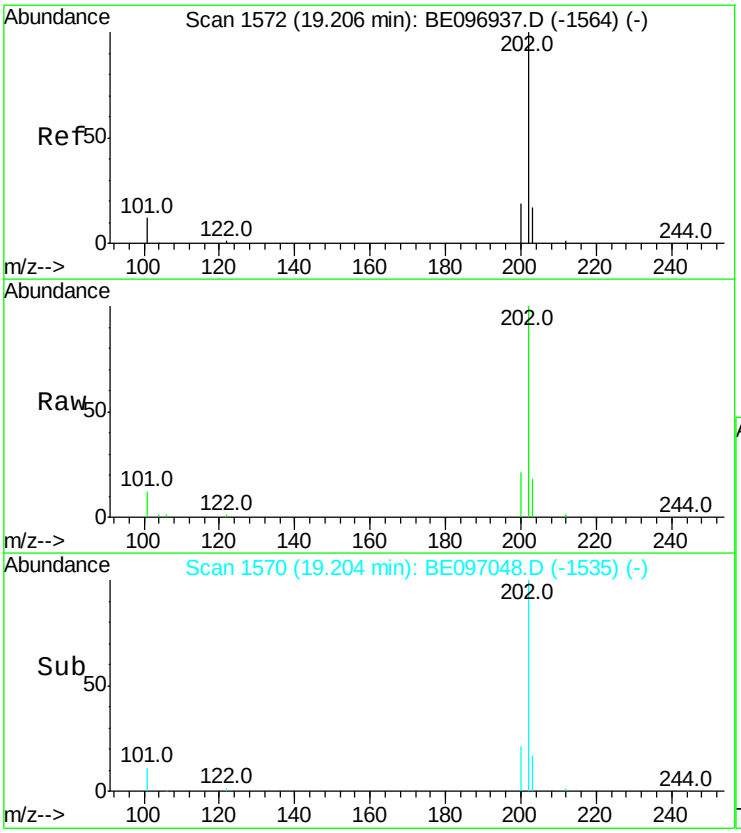
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 12624

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.5	8.3#
236	26.5	20.7	31.1

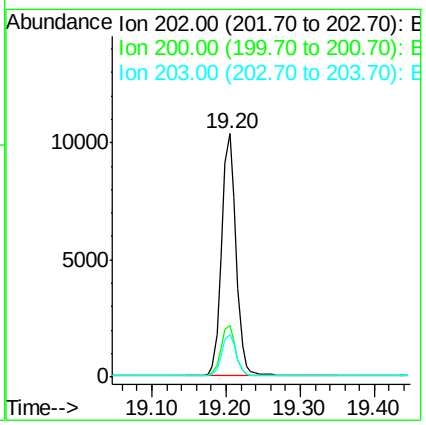


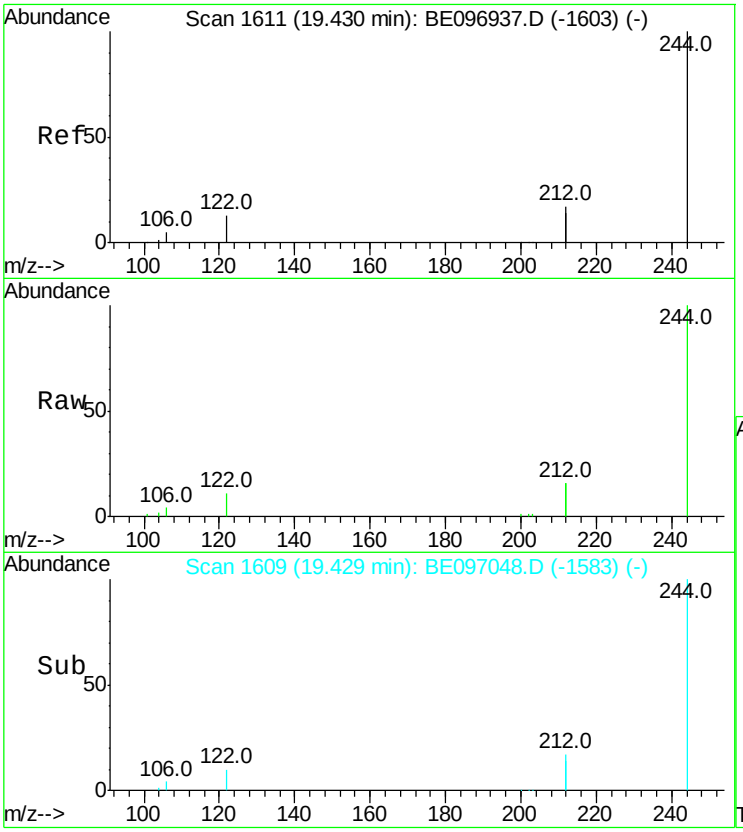


#28
Pyrene
Concen: 0.376 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:202 Resp: 13998

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.6	13.8	20.8



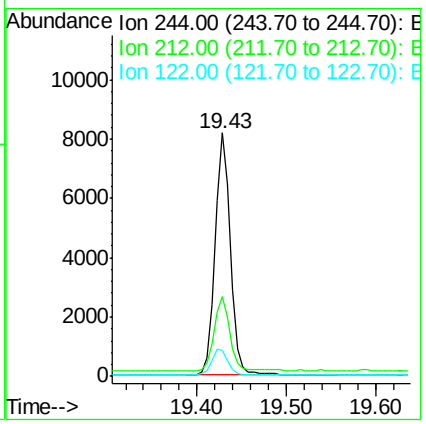


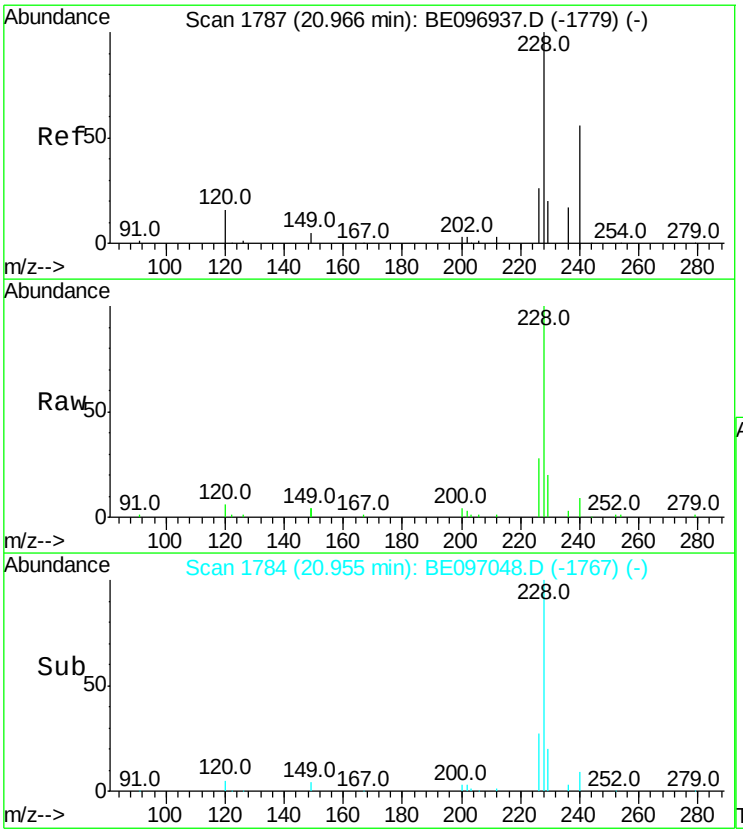
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9698

Ion	Ratio	Lower	Upper
244	100		
212	33.0	25.4	38.0
122	10.7	8.1	12.1

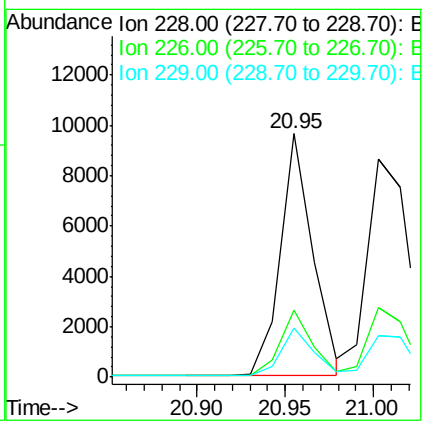


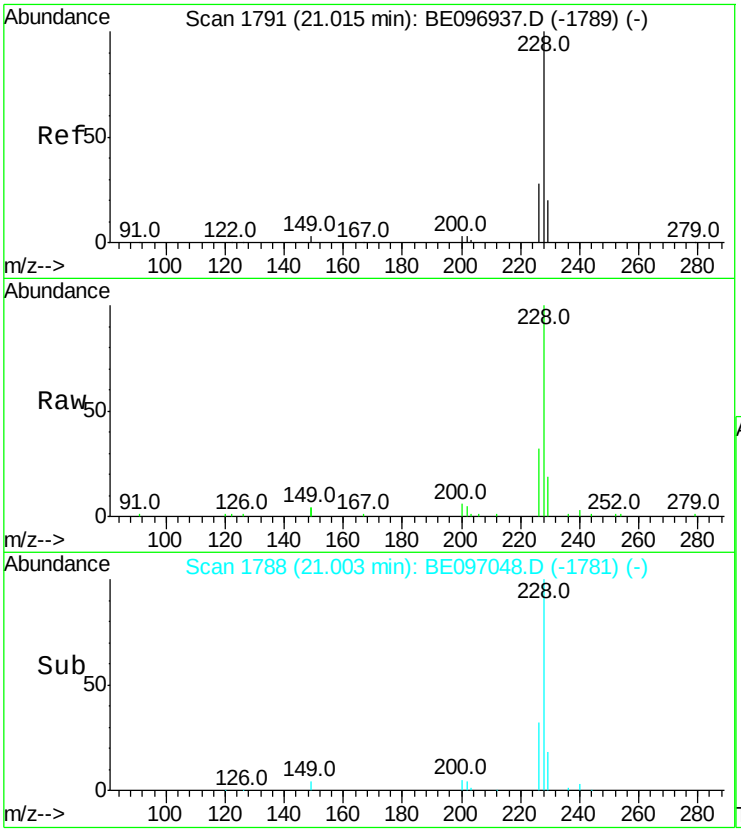


#30
Benzo(a)anthracene
Concen: 0.411 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:228 Resp: 12348

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	20.1	16.0	24.0



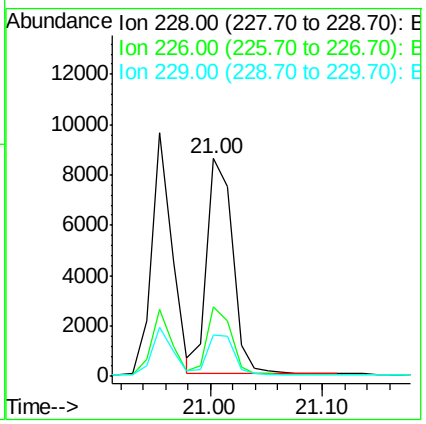


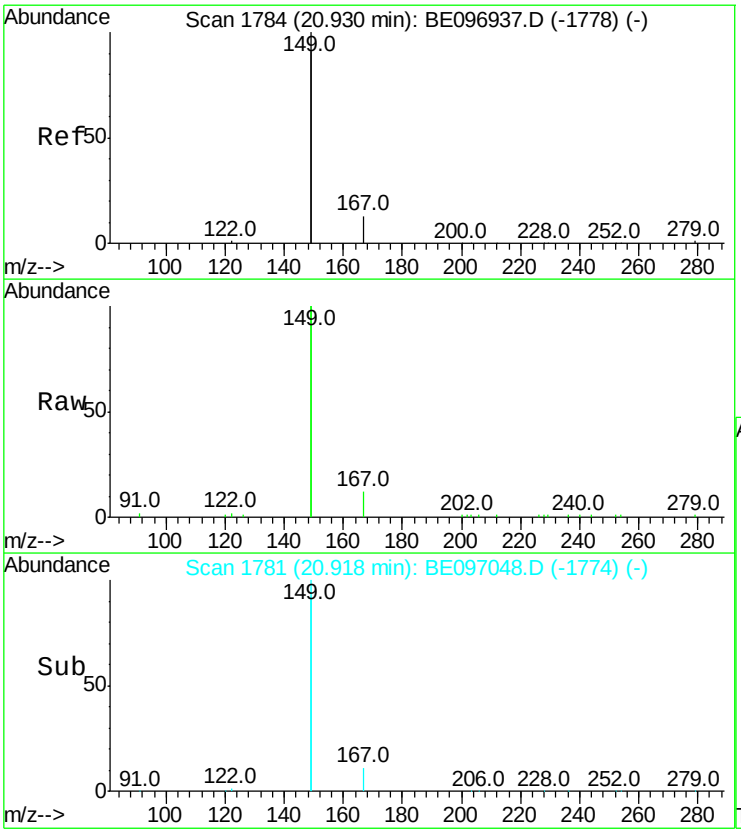
#31
Chrysene
Concen: 0.404 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 13614

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	18.8	16.0	24.0

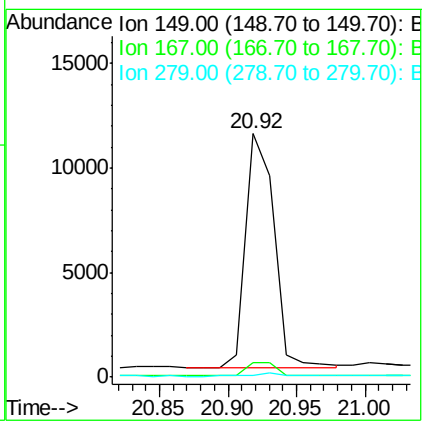


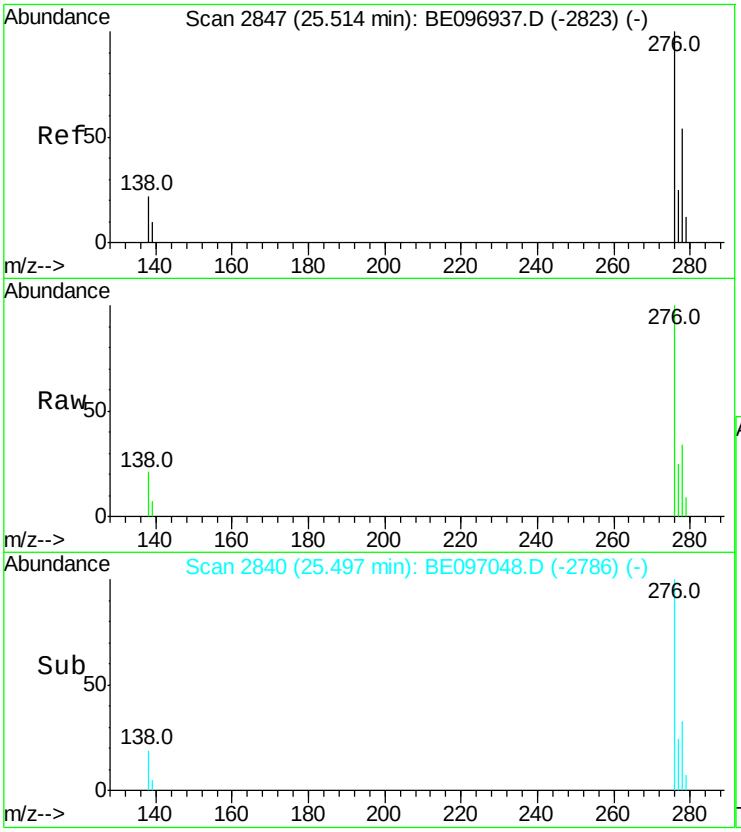


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.533 ng
RT: 20.92 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:149 Resp: 15990

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1



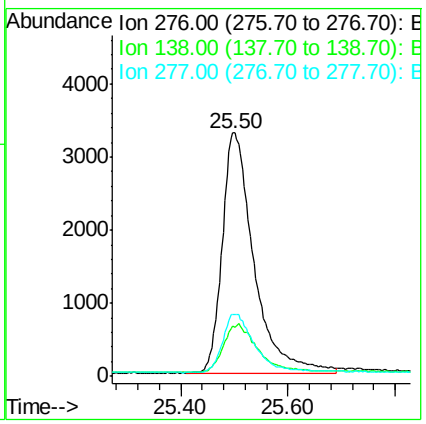


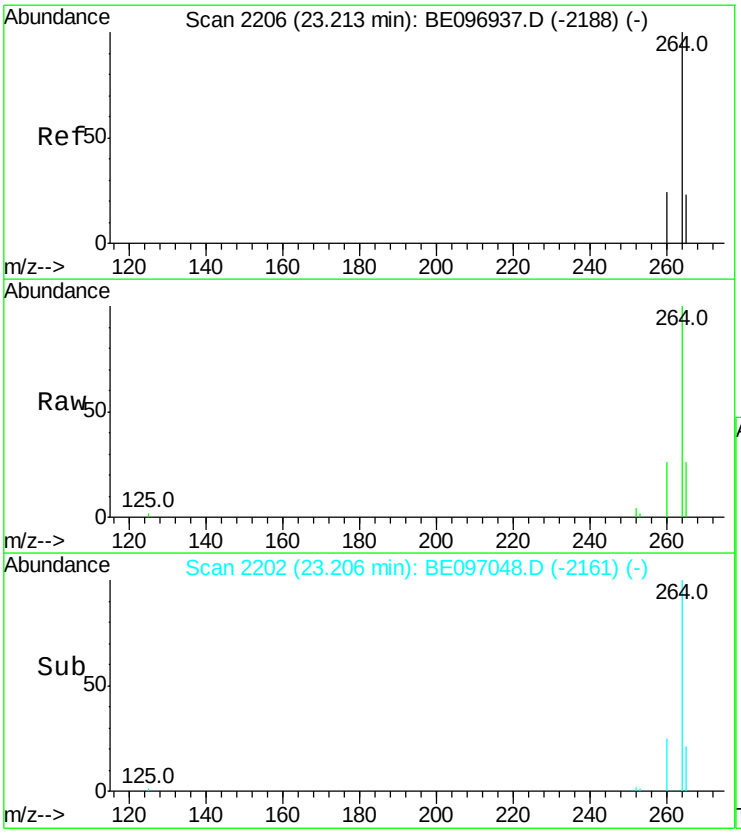
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng
RT: 25.50 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13475

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.4	19.9	29.9

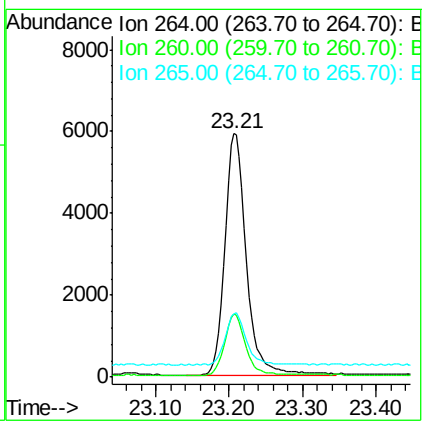


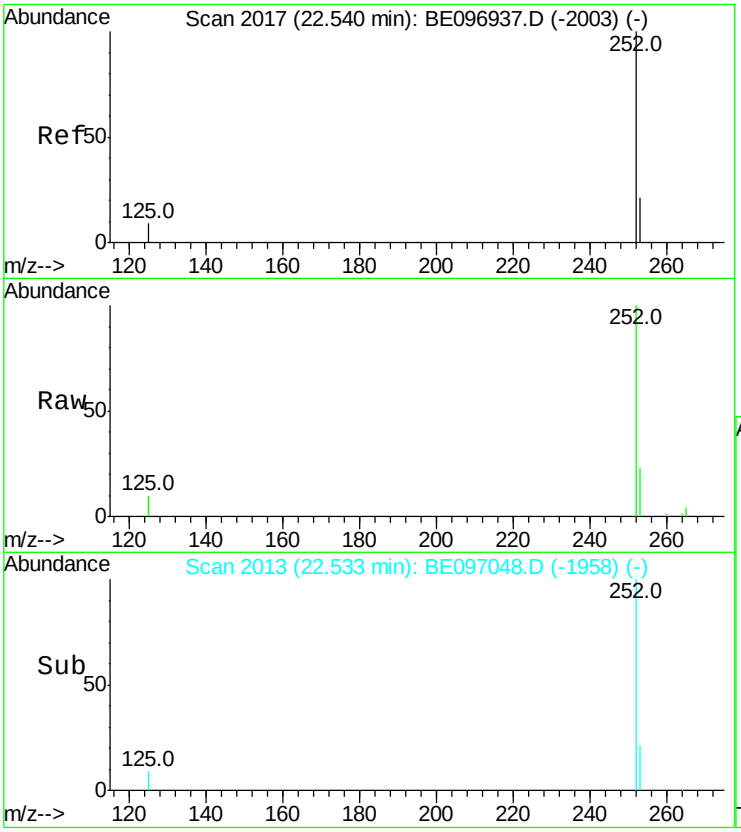


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:264 Resp: 12122

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	26.1	22.8	34.2



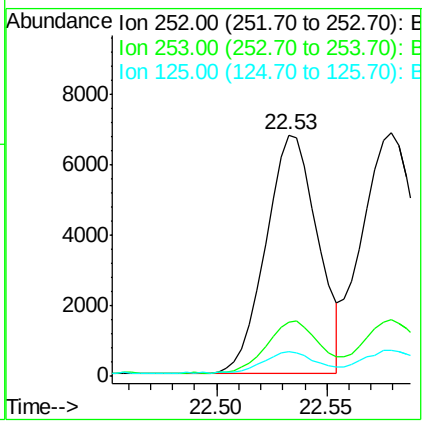


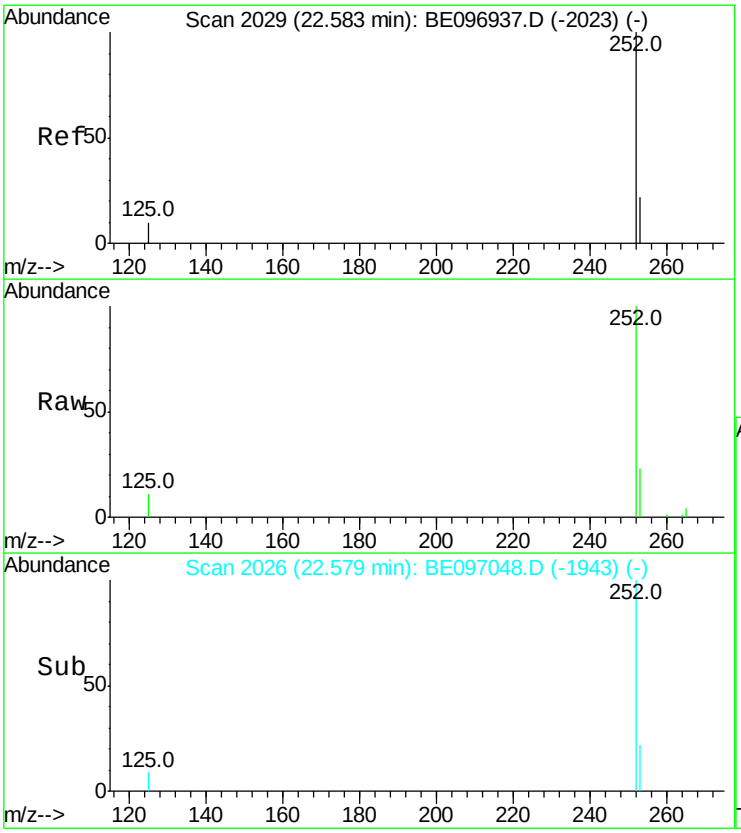
#35
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11056

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	10.2	16.0	24.0#

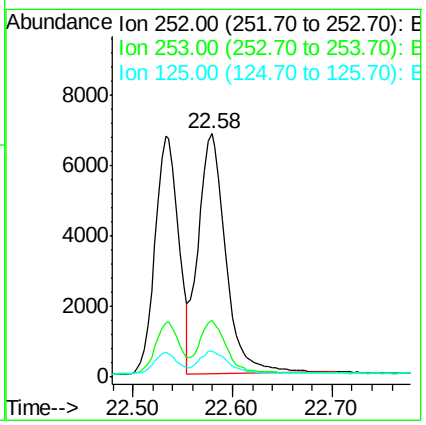


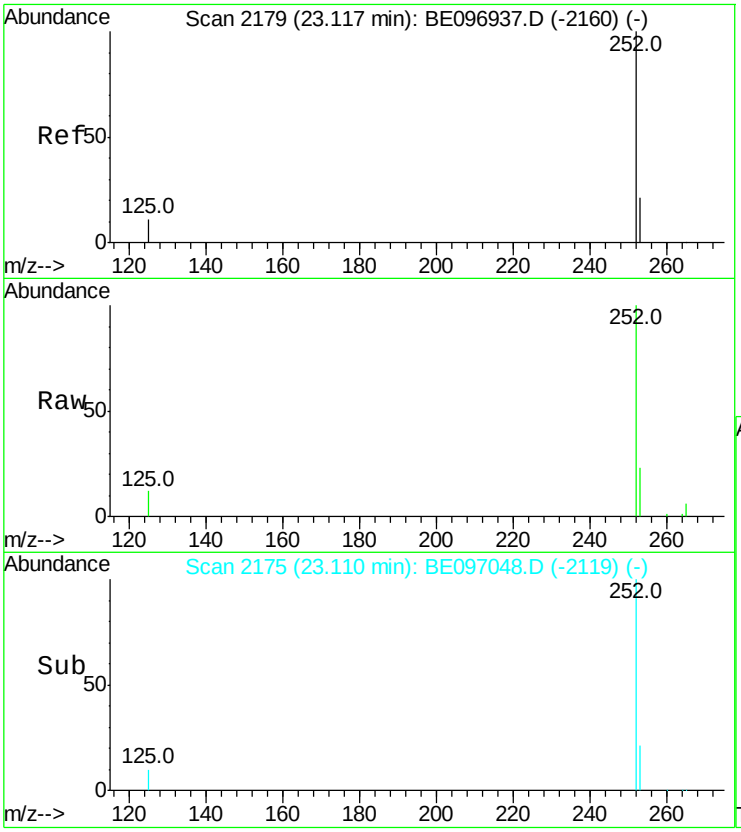


#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.58 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:252 Resp: 12970

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	10.7	8.0	12.0



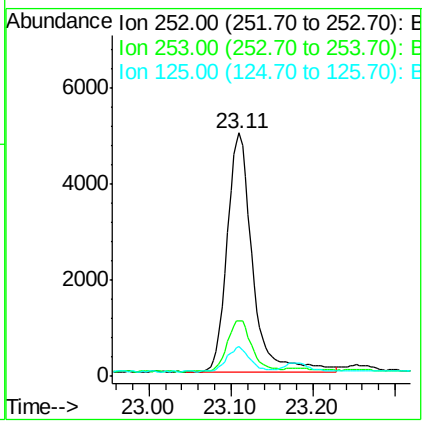


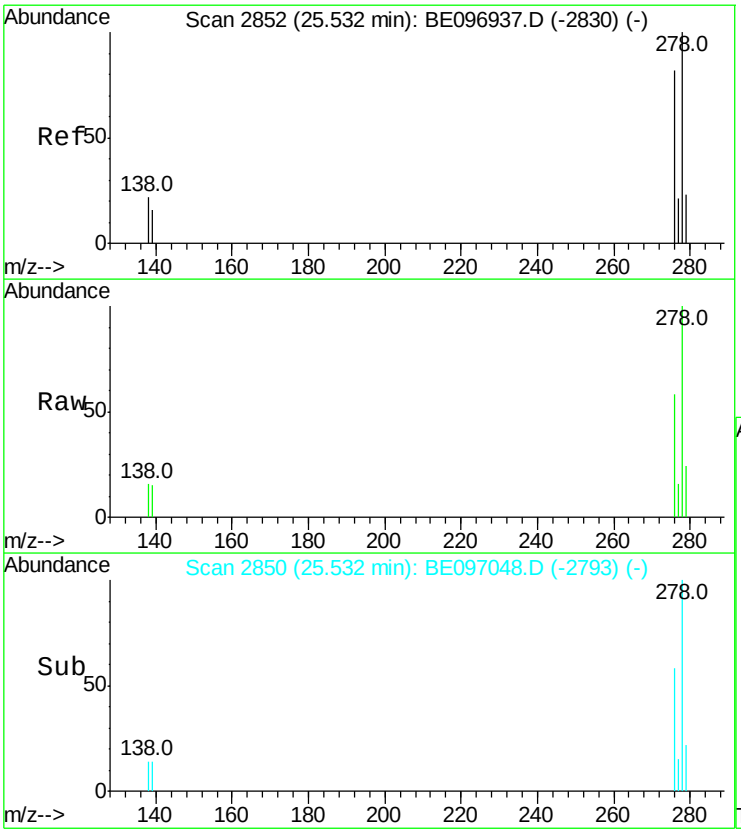
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10672

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	12.1	12.0	18.0

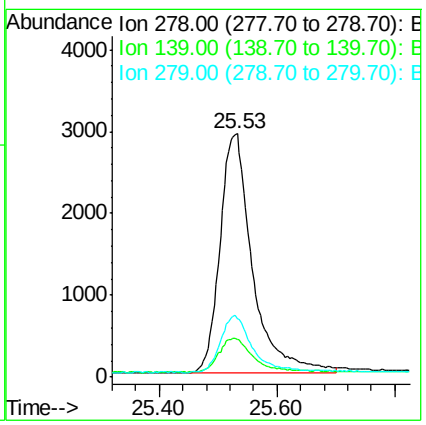


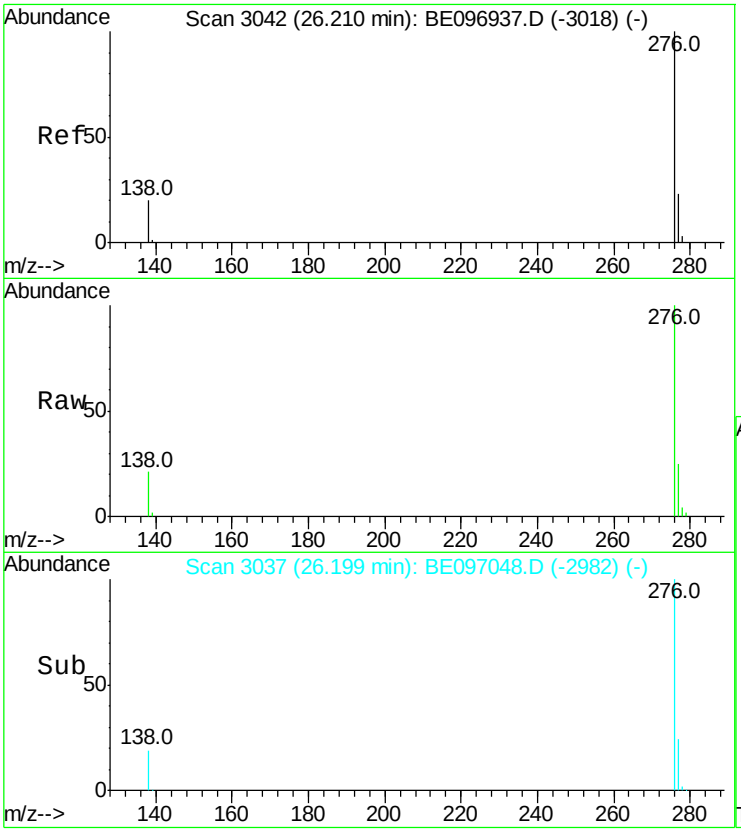


#38
Dibenzo(a,h)anthracene
Concen: 0.489 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:278 Resp: 11233

Ion	Ratio	Lower	Upper
278	100		
139	15.4	16.0	24.0#
279	23.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.471 ng
RT: 26.20 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11848

Ion	Ratio	Lower	Upper
276	100		
277	24.7	16.0	24.0#
138	20.8	20.0	30.0