Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096941.D
Acq On : 16 Jul 2018 16:24
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE071618

Quant Time: Jul 17 16:41:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2177	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	11663	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	6118	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	14760	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	11448	0.40	ng		0.00
34) Perylene-d12	23.21	264	9784	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1741	0.33	ng		0.00
5) Phenol-d6	6.59	99	2690	0.34	ng		0.00
8) Nitrobenzene-d5	8.52	82	2936	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	5872	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	468	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	8242	0.36	ng		0.00
25) Fluoranthene-d10	18.81	212	42125	0.33	ng		0.00
29) Terphenyl-d14	19.43	244	7836	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1074	0.345	ng	#	89
3) n-Nitrosodimethylamine	3.38	42	1217	0.347	ng	#	92
6) bis(2-Chloroethyl)ether	6.84	93	2729	0.350	ng		97
9) Naphthalene	10.20	128	36956	0.354	ng		99
10) Hexachlorobutadiene	10.50	225	1490	0.353	ng		99
12) 2-Methylnaphthalene	11.81	142	6117	0.345	ng		98
16) Acenaphthylene	13.74	152	9571	0.343	ng		99
17) Acenaphthene	14.08	154	6114	0.352	ng		92
18) Fluorene	15.08	166	6761	0.347	ng	#	80
20) 4-Bromophenyl-phenylether	15.97	248	2384	0.342	ng	#	71
21) Hexachlorobenzene	16.08	284	2710	0.350	ng	#	80
22) Pentachlorophenol	16.43	266	396	0.365	ng	#	78
23) Phenanthrene	16.81	178	12235	0.346	ng		99
24) Anthracene	16.91	178	10416	0.339	ng		96
26) Fluoranthene	18.84	202	12270	0.329	ng		99
28) Pyrene	19.20	202	11877	0.351	ng		99
30) Benzo(a)anthracene	20.96	228	9133	0.335	ng		98
31) Chrysene	21.02	228	10718	0.351	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	8576	0.315	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	7197	0.323	ng	#	79
35) Benzo(b)fluoranthene	22.54	252	8105	0.325	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	9696	0.326	ng		95
37) Benzo(a)pyrene	23.11	252	6916	0.345	ng		93
38) Dibenzo(a,h)anthracene	25.54	278	5831	0.356	ng		97
39) Benzo(g,h,i)perylene	26.21	276	6854	0.338	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
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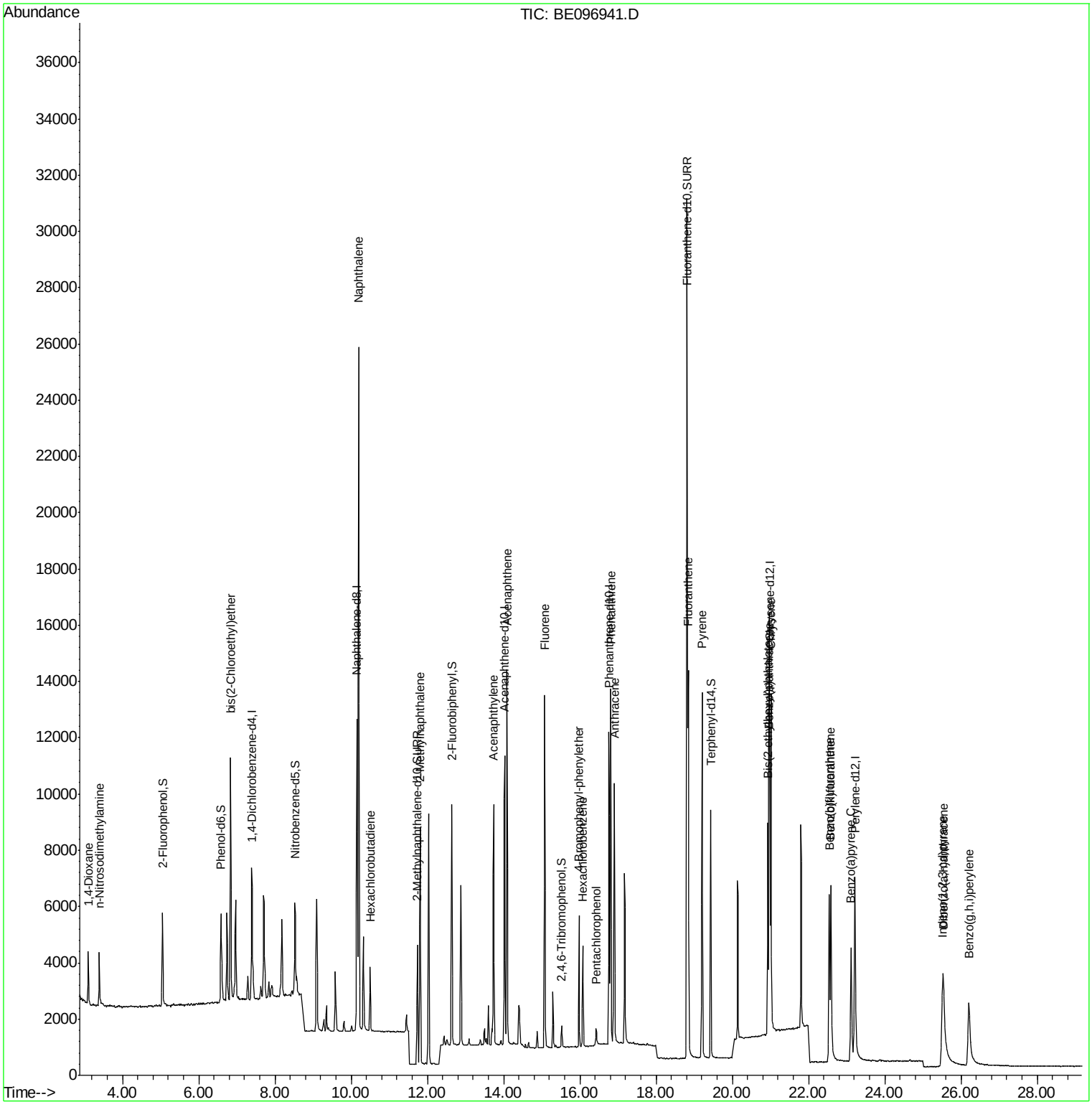
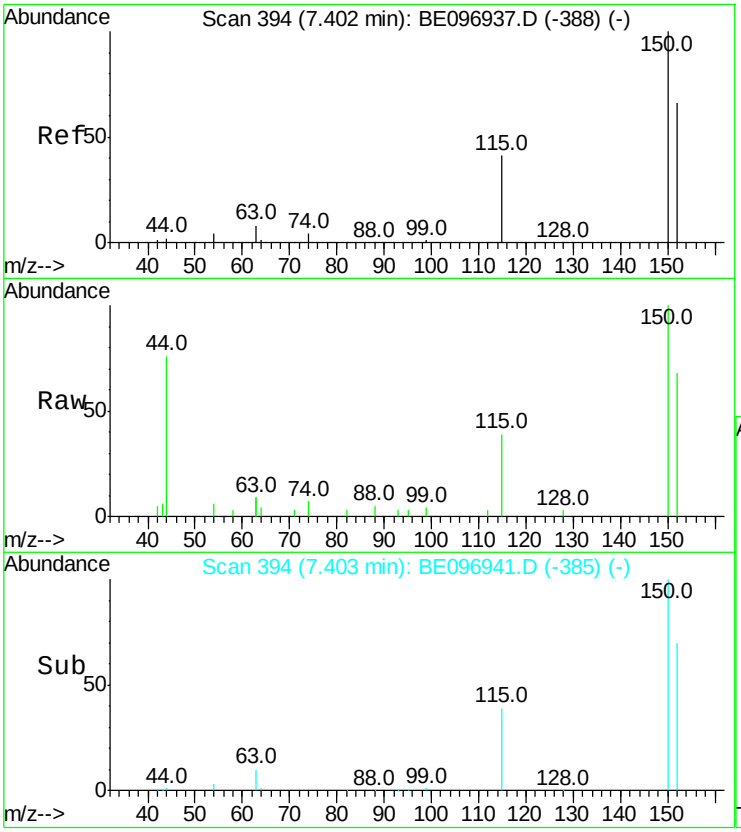
Acq On : 16 Jul 2018 16:24
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Quant Time: Jul 17 16:41:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



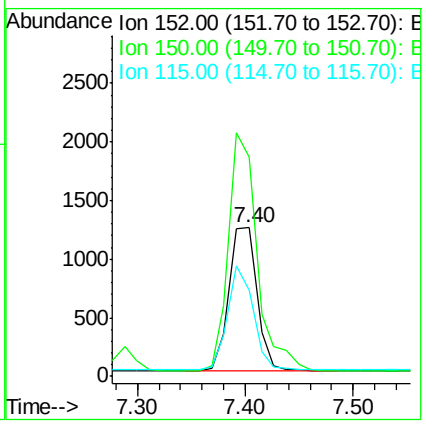


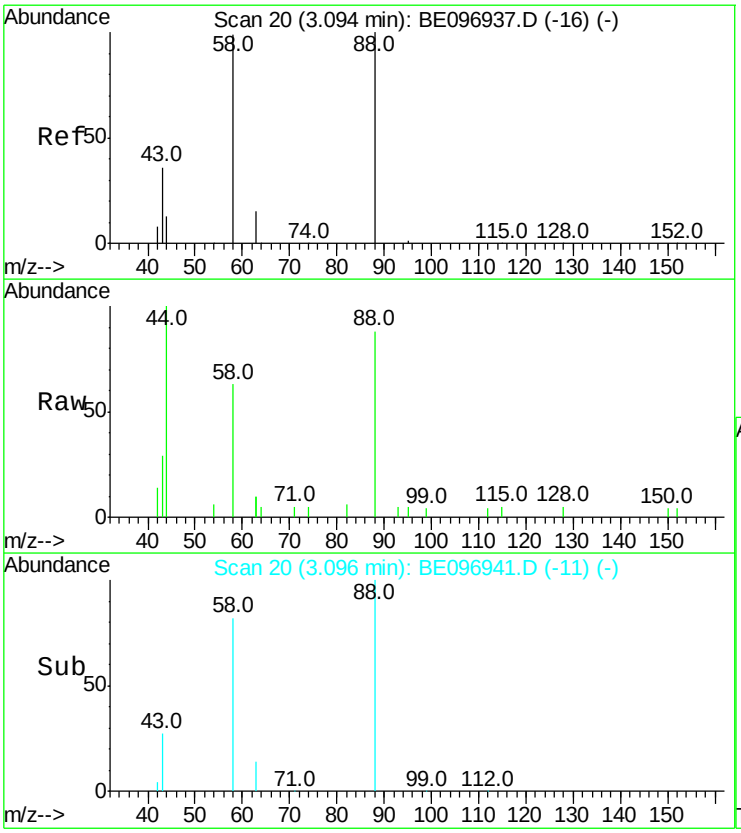
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:152 Resp: 2177

Ion	Ratio	Lower	Upper
152	100		
150	147.6	117.2	175.8
115	58.0	57.0	85.6

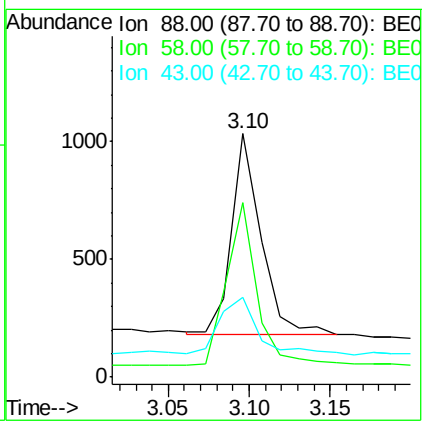


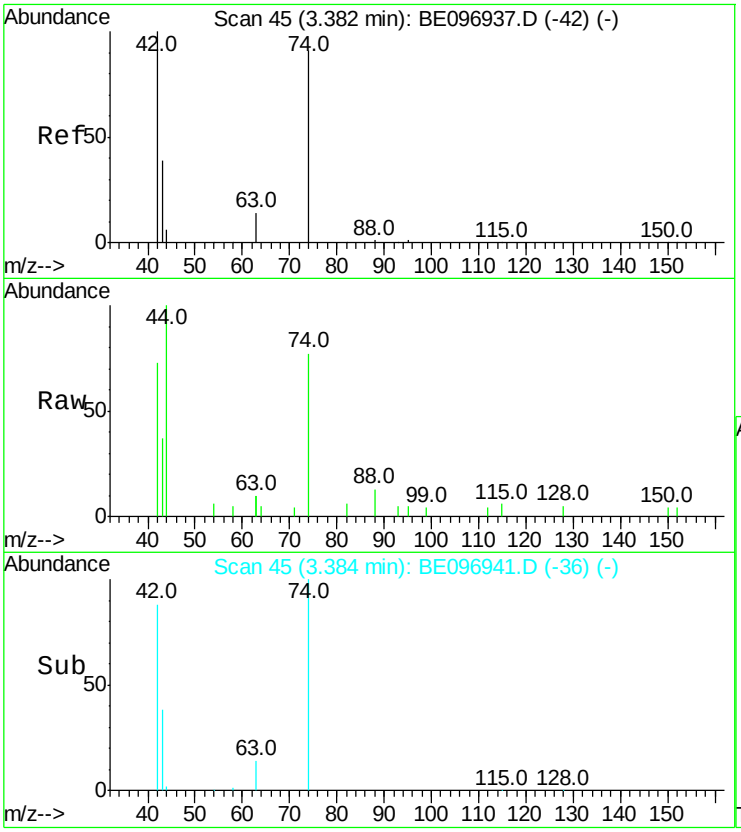


#2
1,4-Dioxane
Concen: 0.345 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion: 88 Resp: 1074

Ion	Ratio	Lower	Upper
88	100		
58	81.1	63.2	94.8
43	35.2	41.2	61.8#



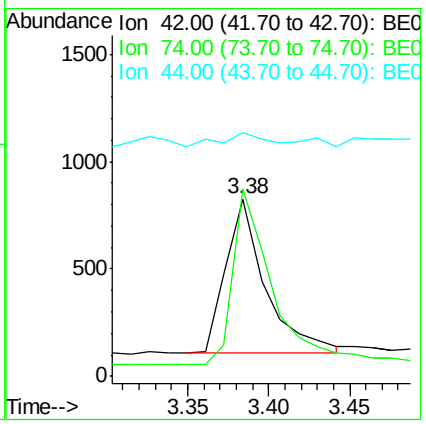


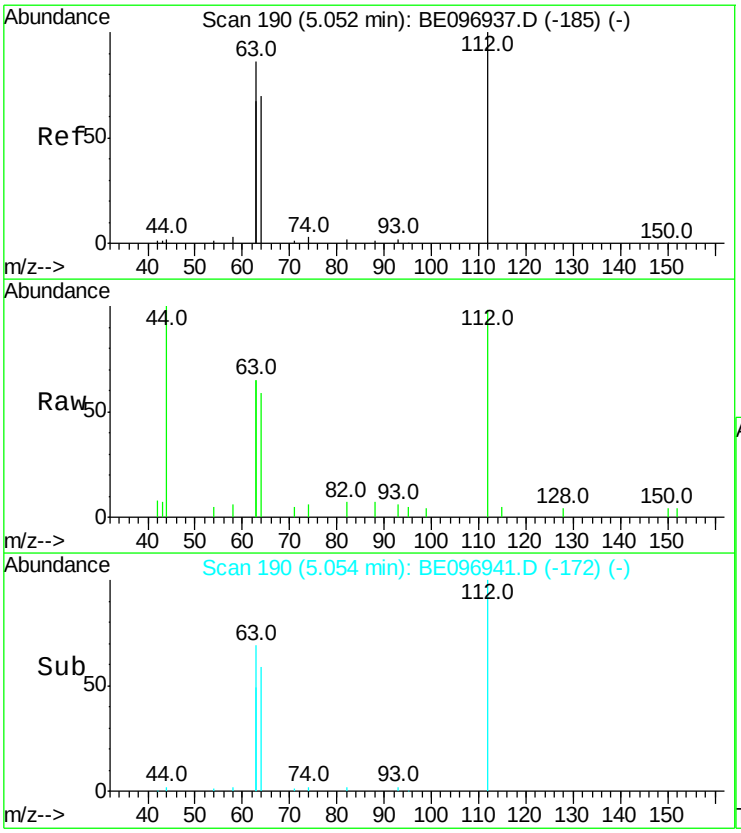
#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion: 42 Resp: 1217

Ion	Ratio	Lower	Upper
42	100		
74	110.8	96.0	144.0
44	11.1	12.0	18.0#

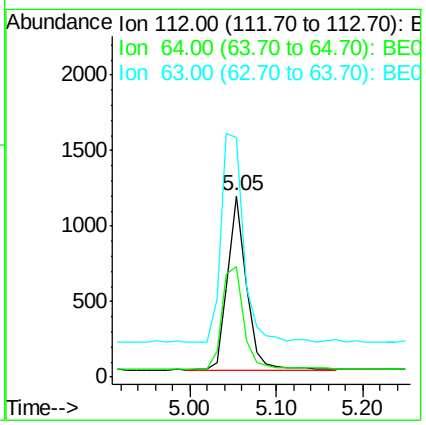


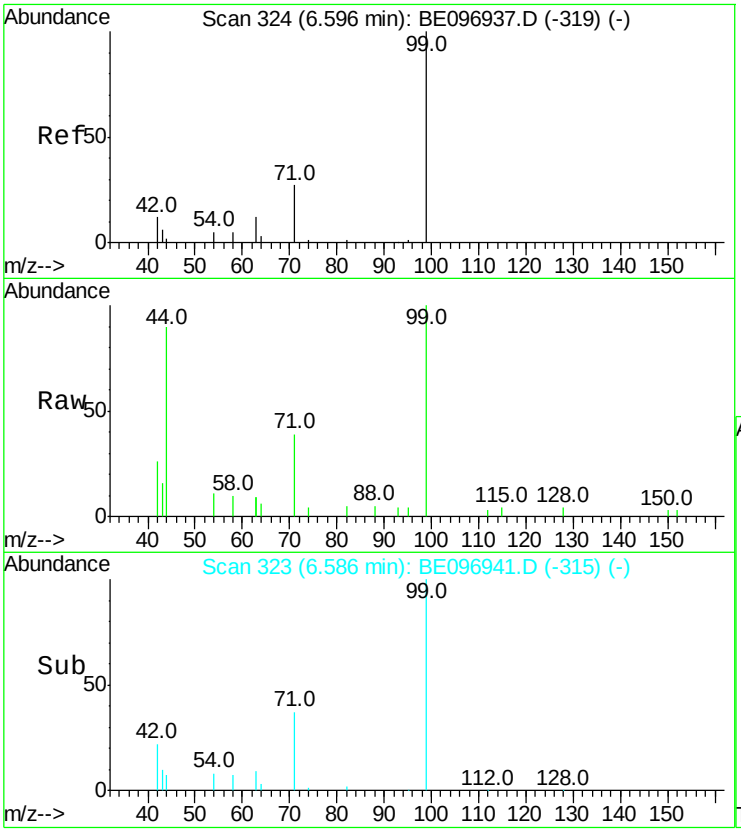


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:112 Resp: 1741

Ion	Ratio	Lower	Upper
112	100		
64	69.0	60.1	90.1
63	145.3	116.8	175.2



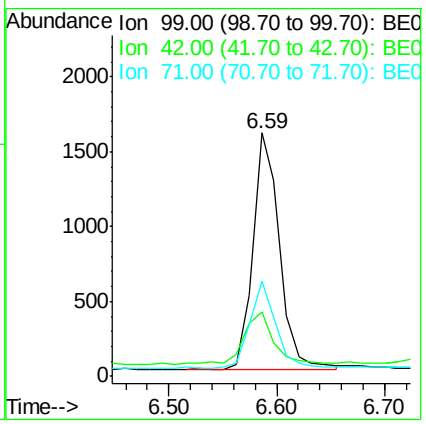


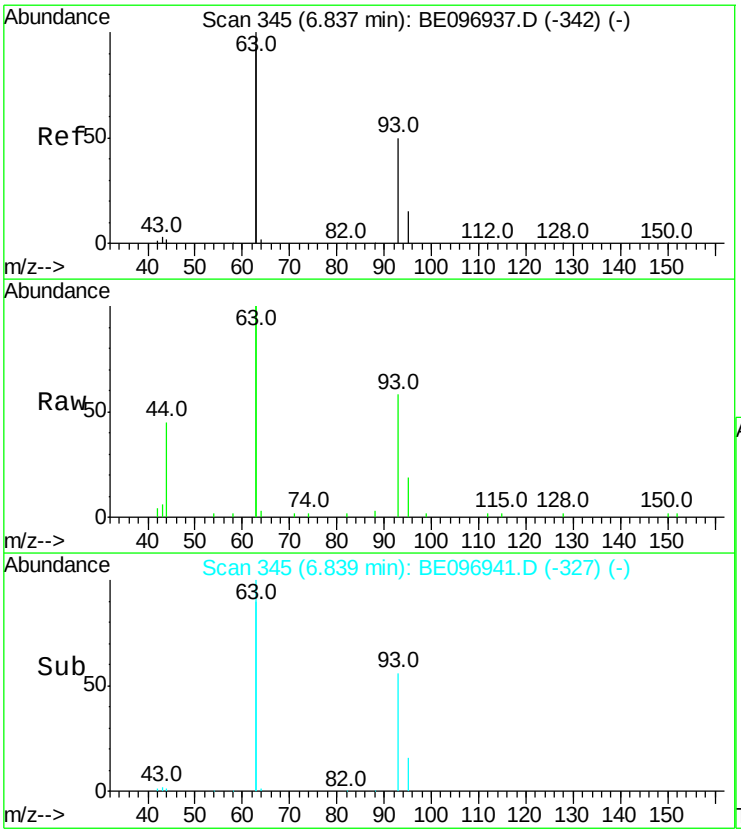
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion: 99 Resp: 2690

Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.2	30.2
71	36.1	28.4	42.6

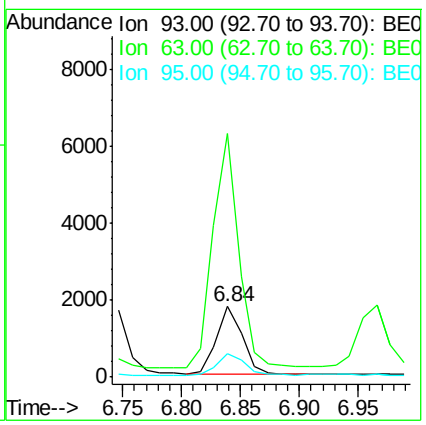


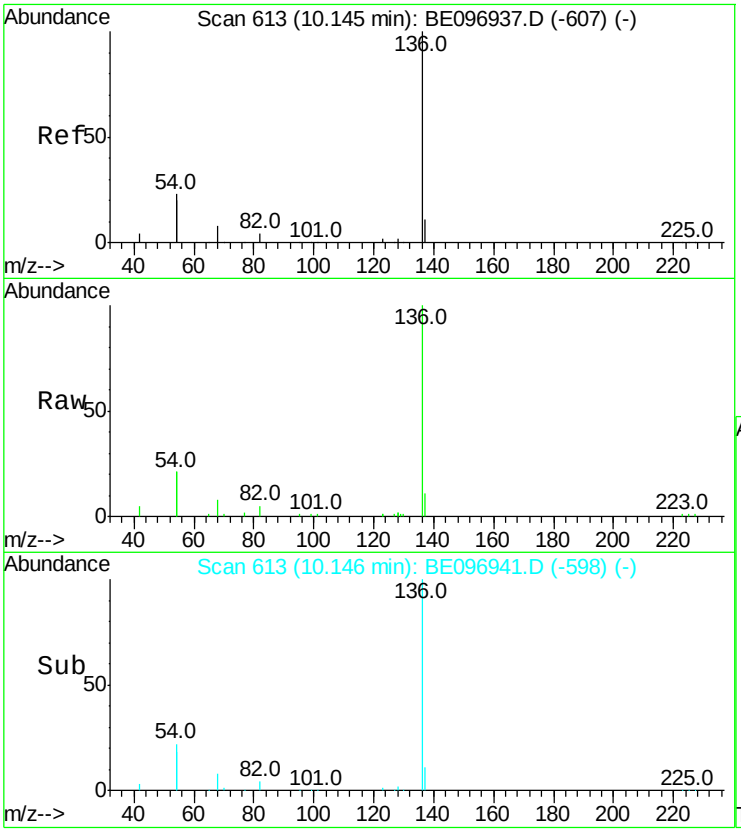


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion: 93 Resp: 2729

Ion	Ratio	Lower	Upper
93	100		
63	336.9	275.3	412.9
95	31.4	25.2	37.8



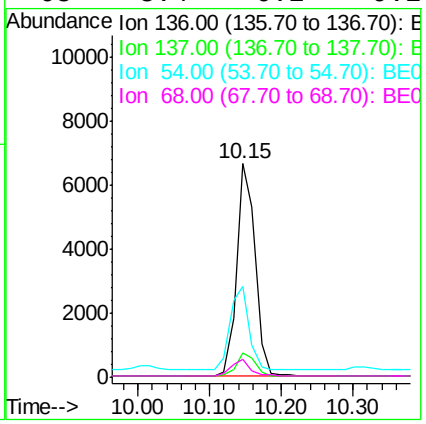


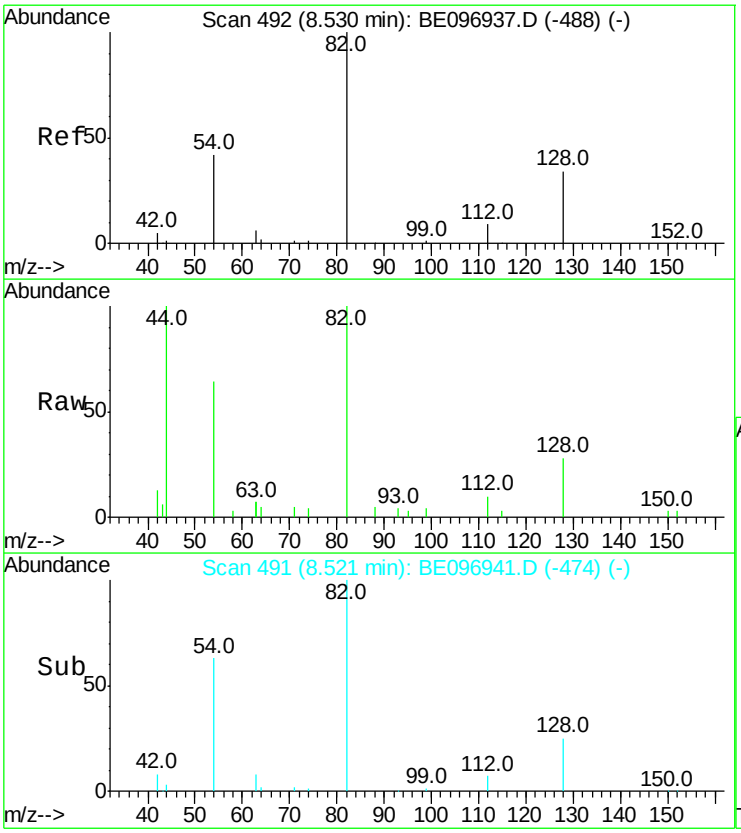
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:136 Resp: 11663

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	42.8	29.1	43.7
68	8.4	6.2	9.2

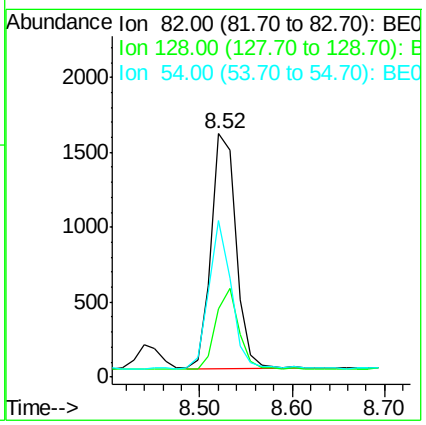


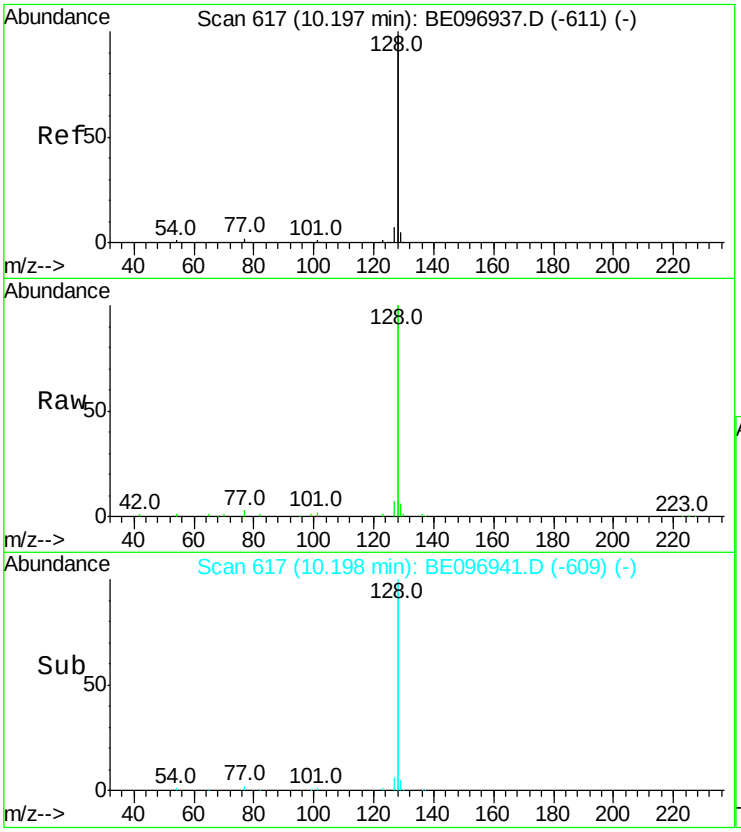


#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion: 82 Resp: 2936

Ion	Ratio	Lower	Upper
82	100		
128	27.8	24.0	36.0
54	64.3	40.0	60.0#



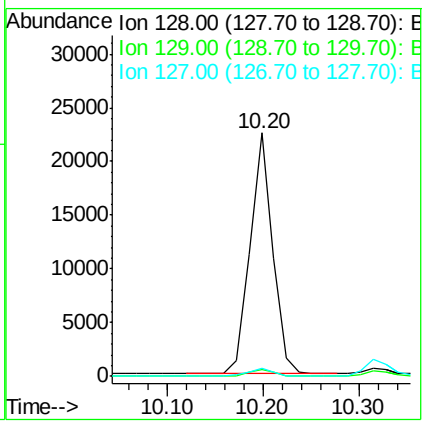


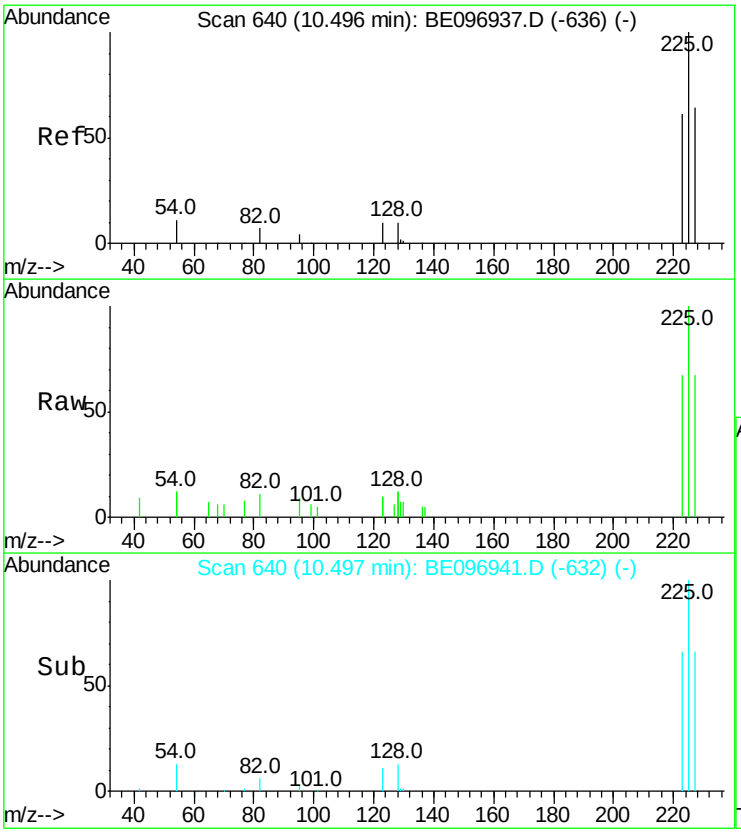
#9
Naphthalene
Concen: 0.354 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:128 Resp: 36956

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.3	2.8	4.2

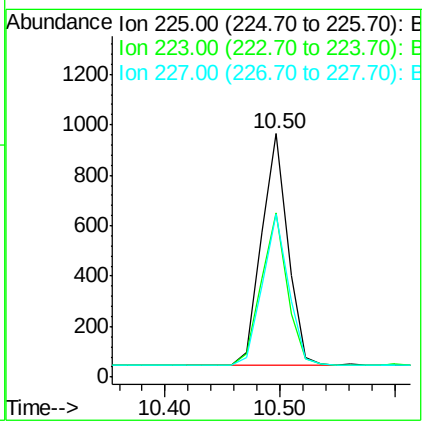


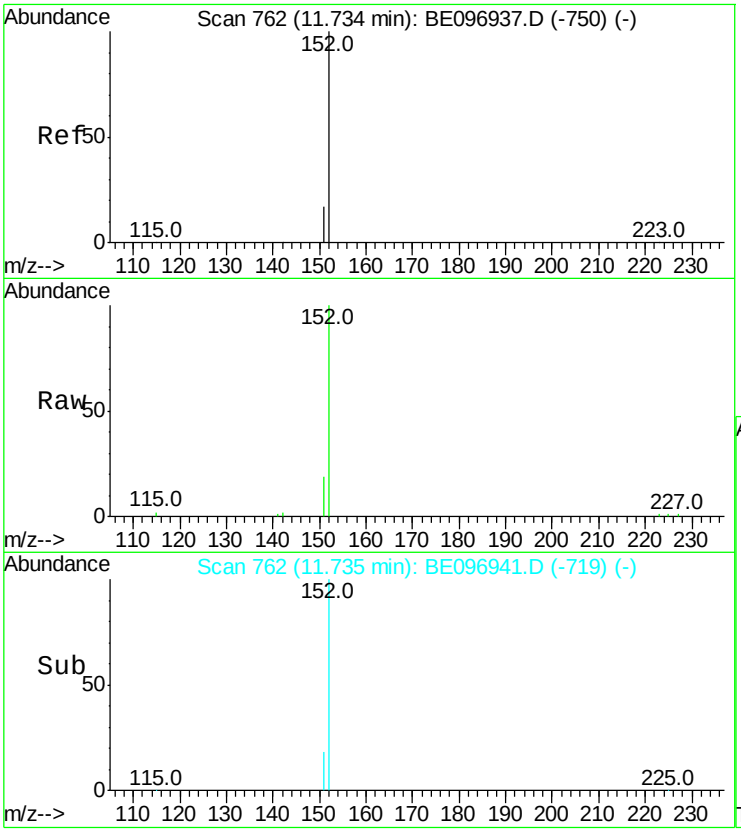


#10
Hexachlorobutadiene
Concen: 0.353 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:225 Resp: 1490

Ion	Ratio	Lower	Upper
225	100		
223	65.4	53.0	79.6
227	64.7	51.4	77.2



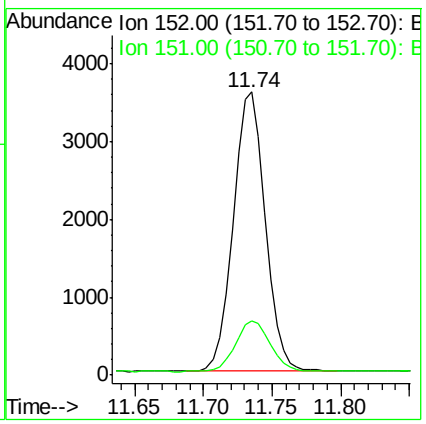


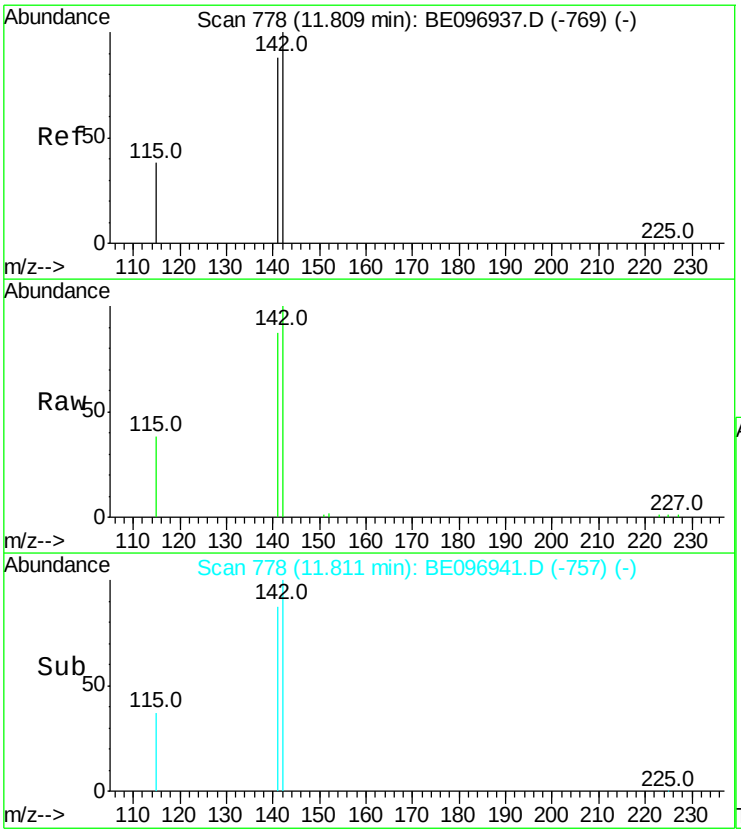
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 11.74 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:152 Resp: 5872

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0

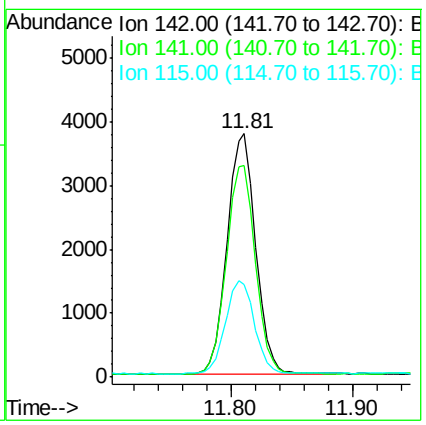


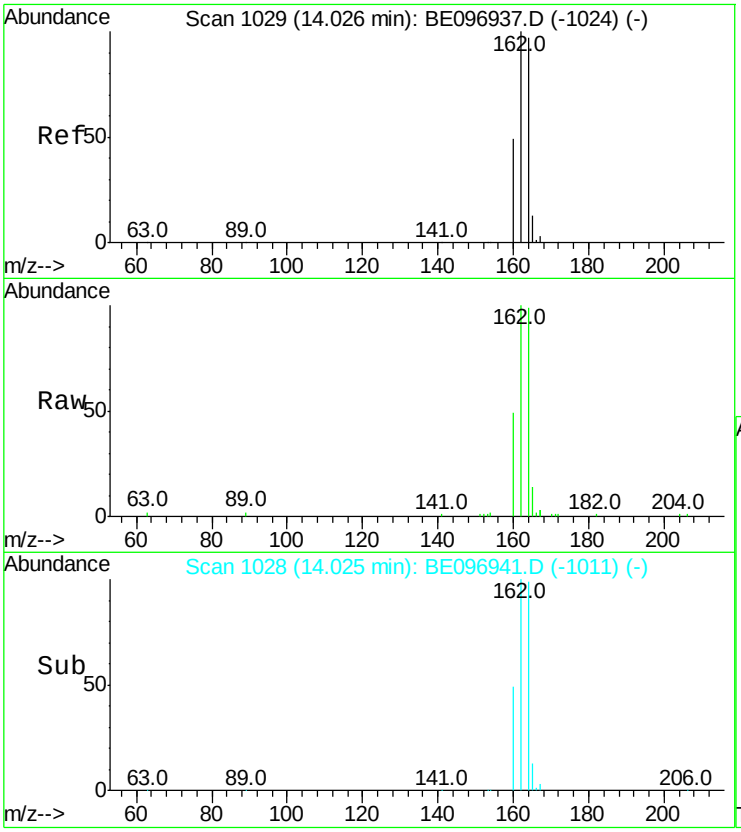


#12
2-Methylnaphthalene
Concen: 0.345 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:142 Resp: 6117

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.4	105.6
115	38.1	31.7	47.5



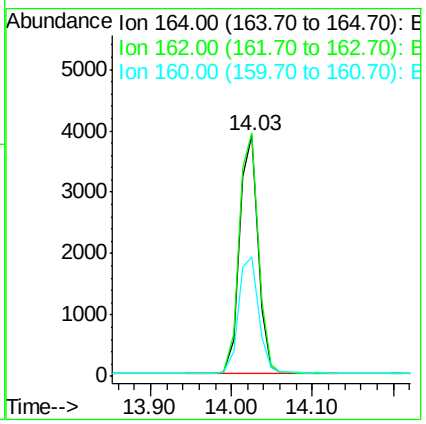


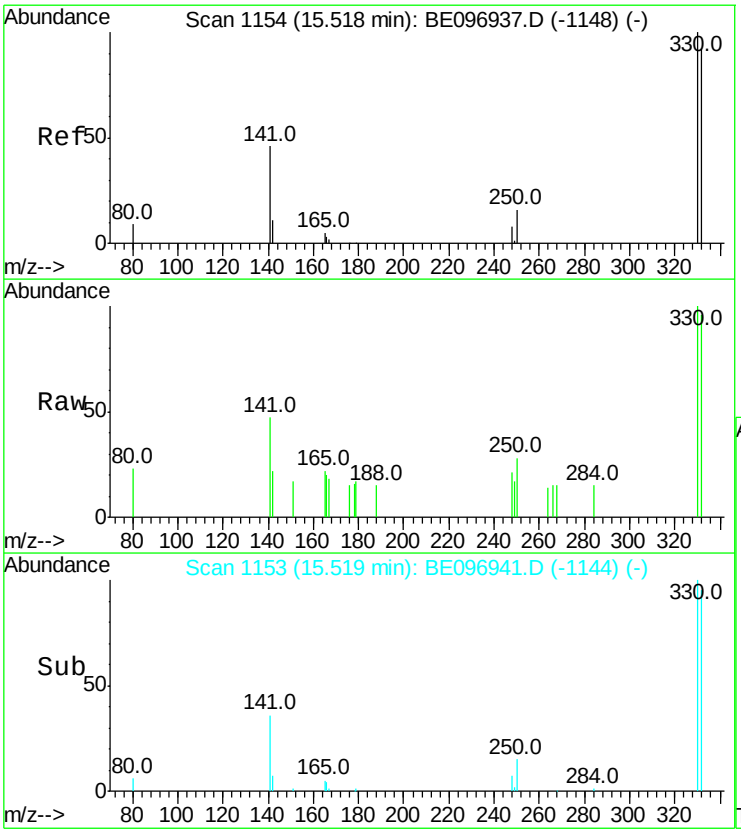
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:164 Resp: 6118

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.1	124.7
160	49.8	37.1	55.7

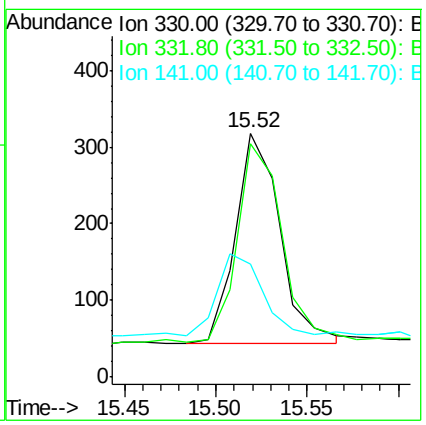


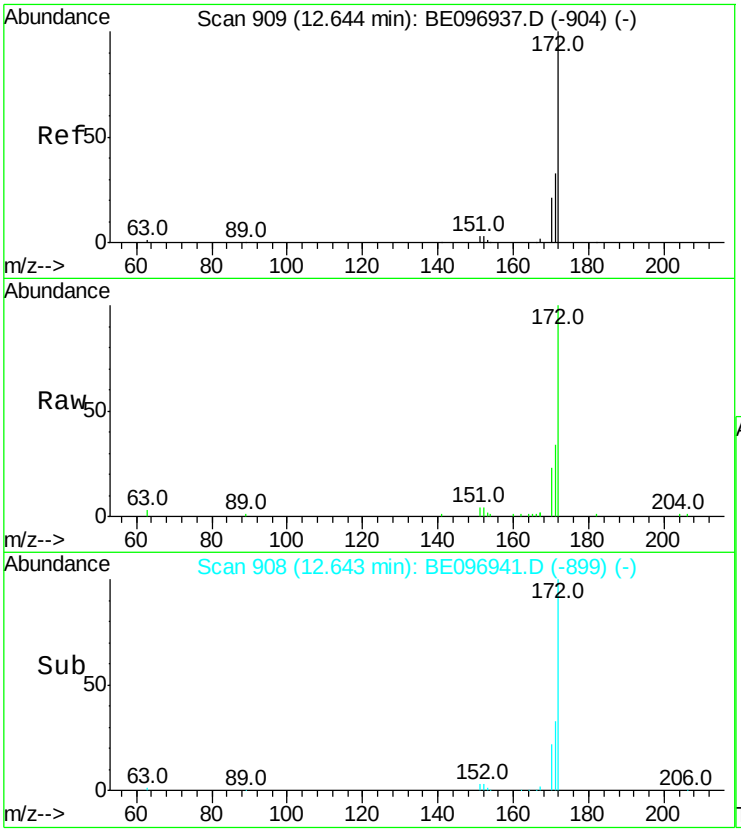


#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:330 Resp: 468

Ion	Ratio	Lower	Upper
330	100		
332	95.7	152.7	229.1#
141	39.7	33.7	50.5



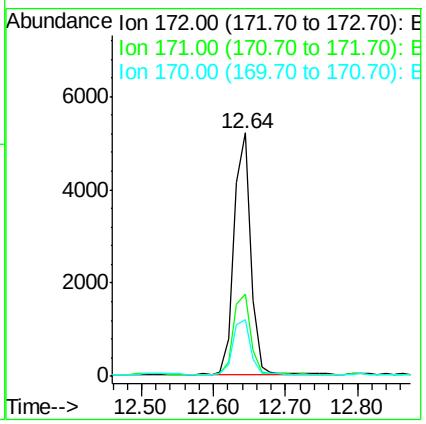


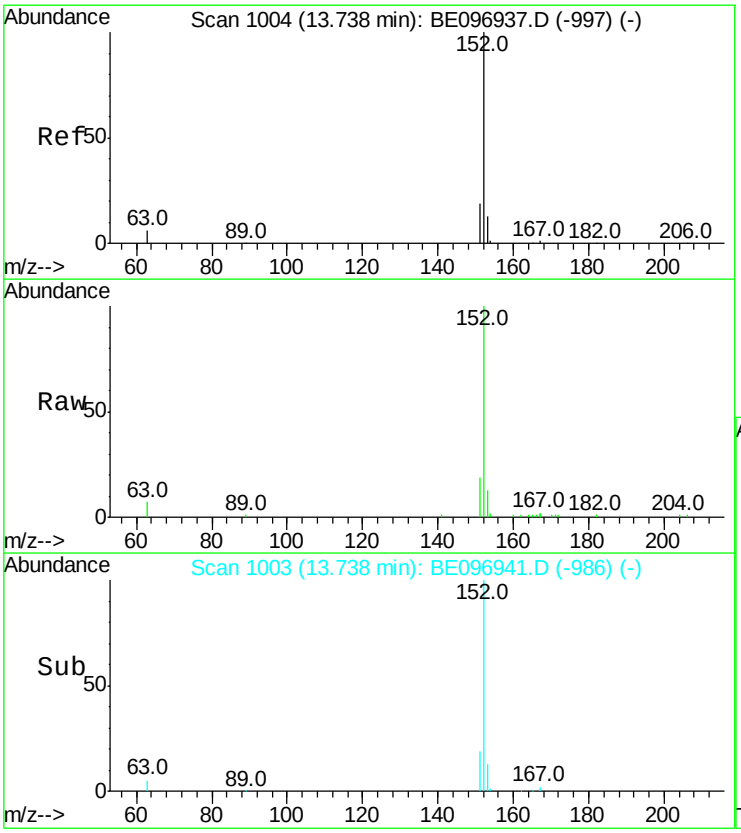
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:172 Resp: 8242

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	23.1	21.8	32.8

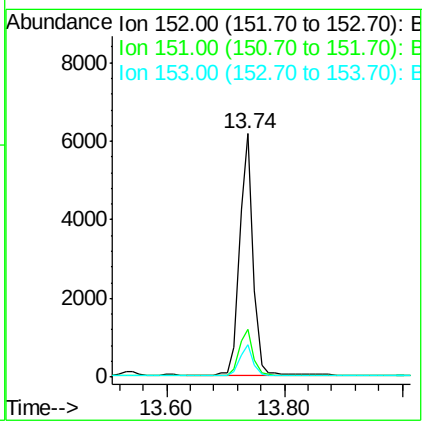


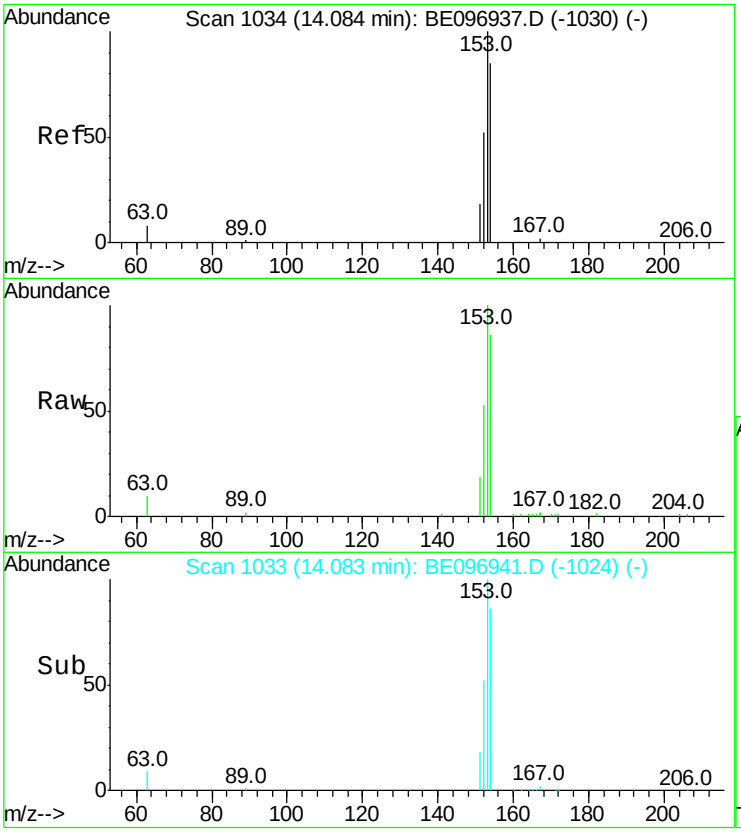


#16
Acenaphthylene
Concen: 0.343 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:152 Resp: 9571

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.5	10.5	15.7



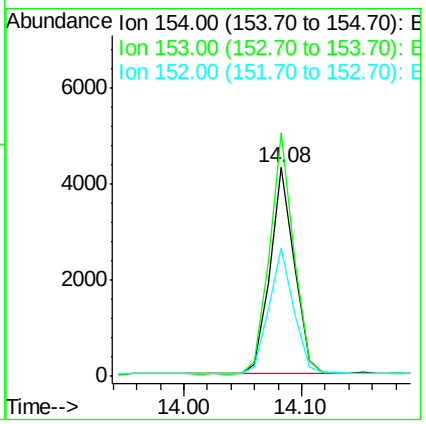


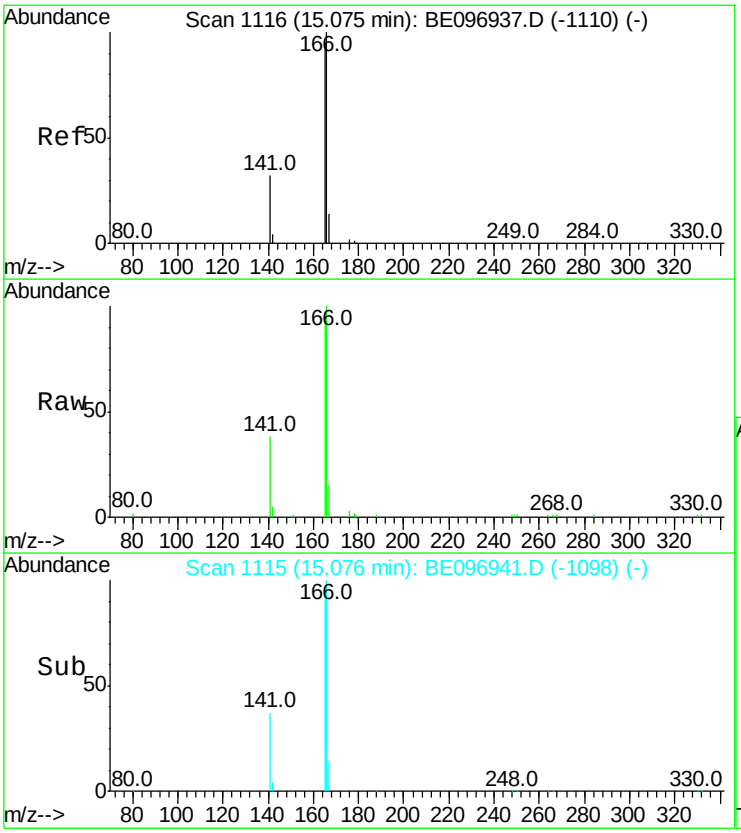
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:154 Resp: 6114

Ion	Ratio	Lower	Upper
154	100		
153	116.2	89.2	133.8
152	62.6	42.0	63.0

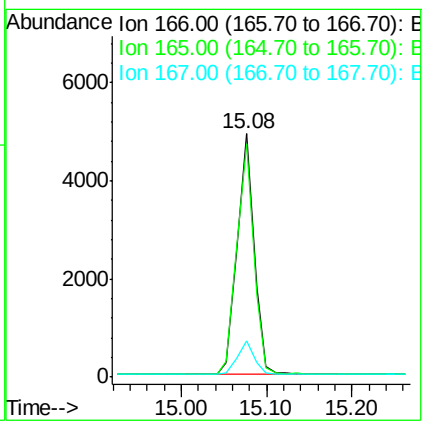


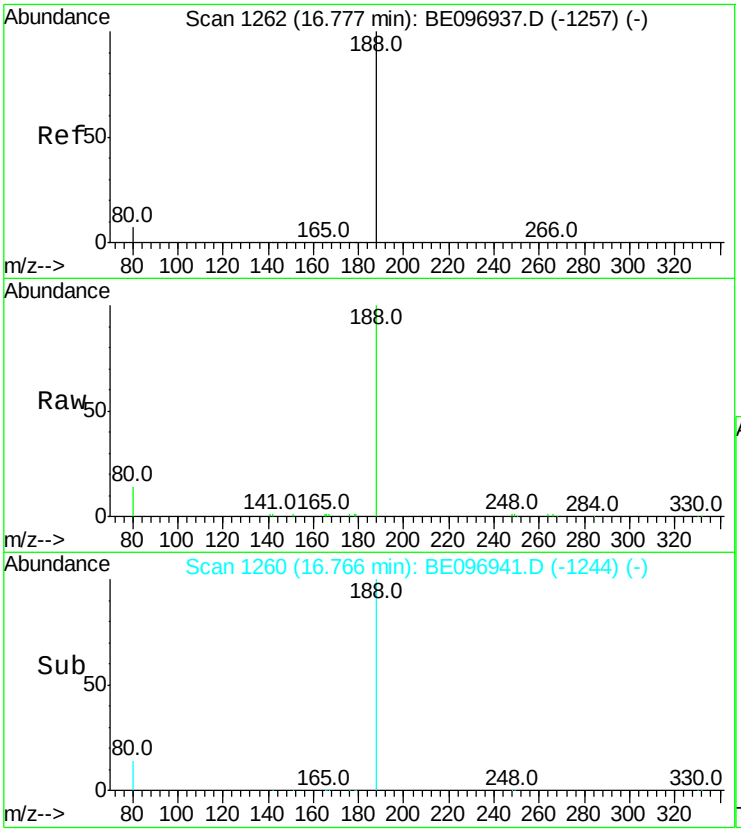


#18
Fluorene
Concen: 0.347 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:166 Resp: 6761

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	14.2	42.4	63.6#



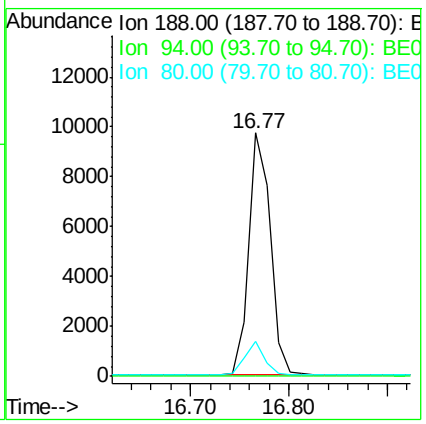


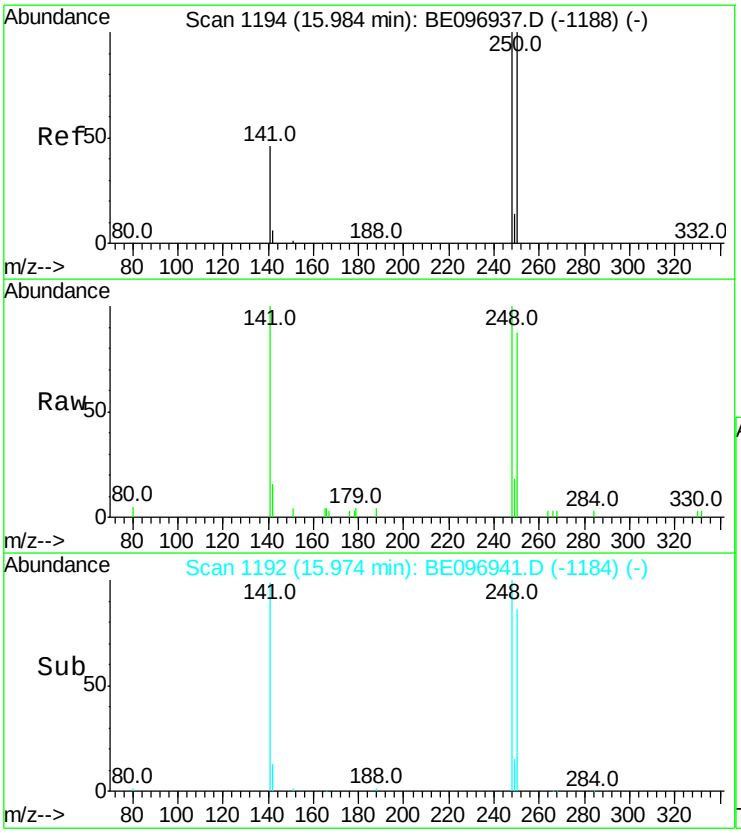
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:188 Resp: 14760

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.3	3.6	5.4#

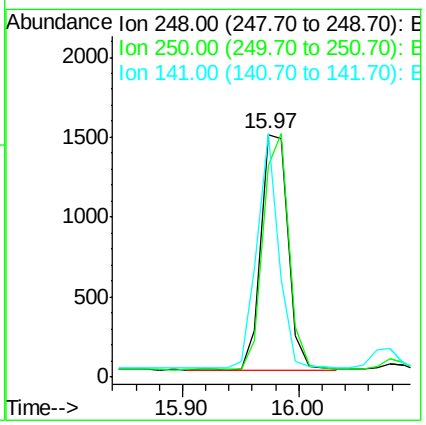


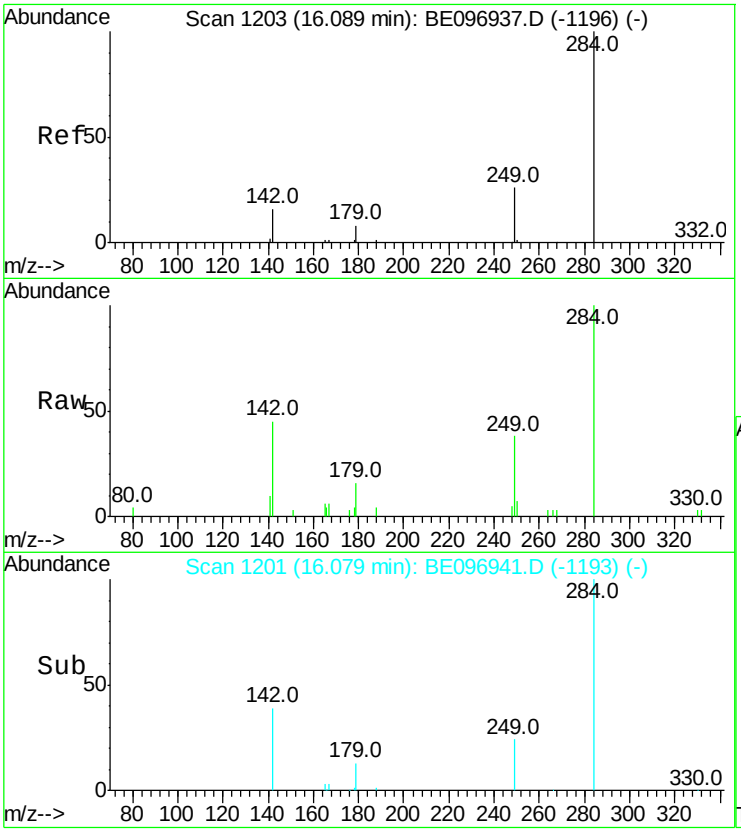


#20
4-Bromophenyl-phenylether
Concen: 0.342 ng
RT: 15.97 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:248 Resp: 2384

Ion	Ratio	Lower	Upper
248	100		
250	87.1	62.7	94.1
141	100.1	48.2	72.2#



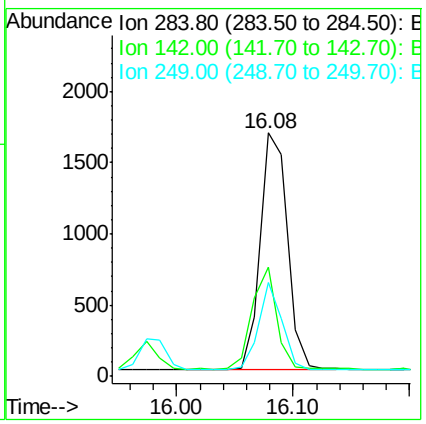


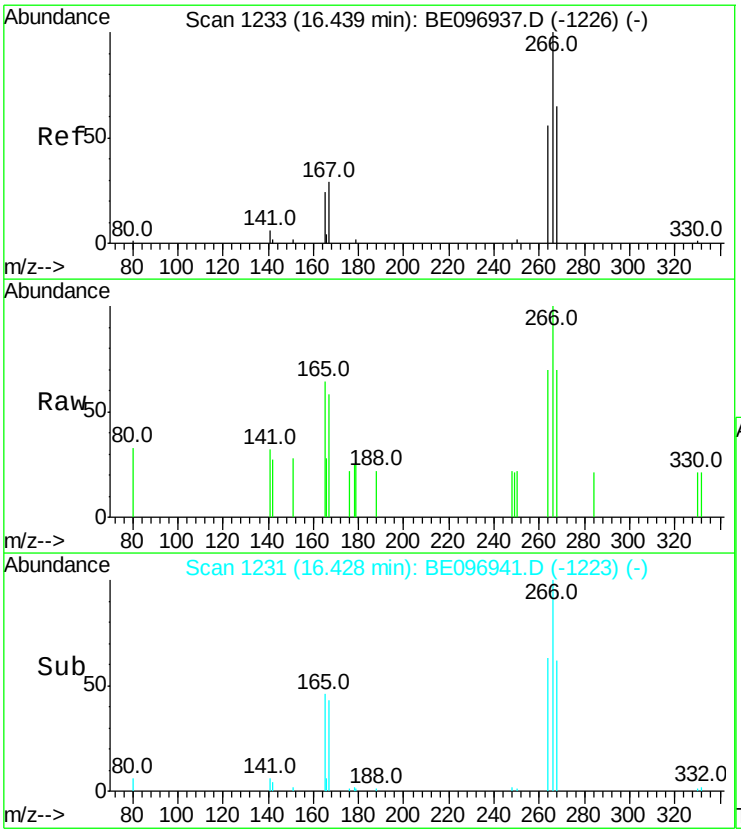
#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:284 Resp: 2710

Ion	Ratio	Lower	Upper
284	100		
142	39.3	22.1	33.1#
249	31.4	34.8	52.2#

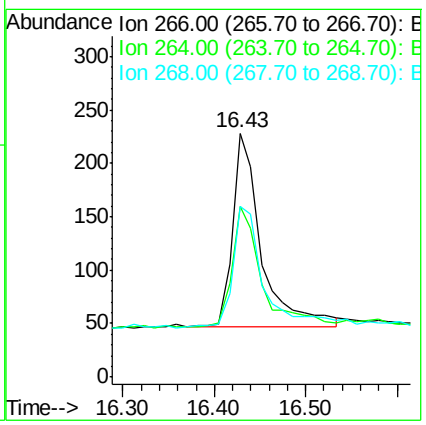


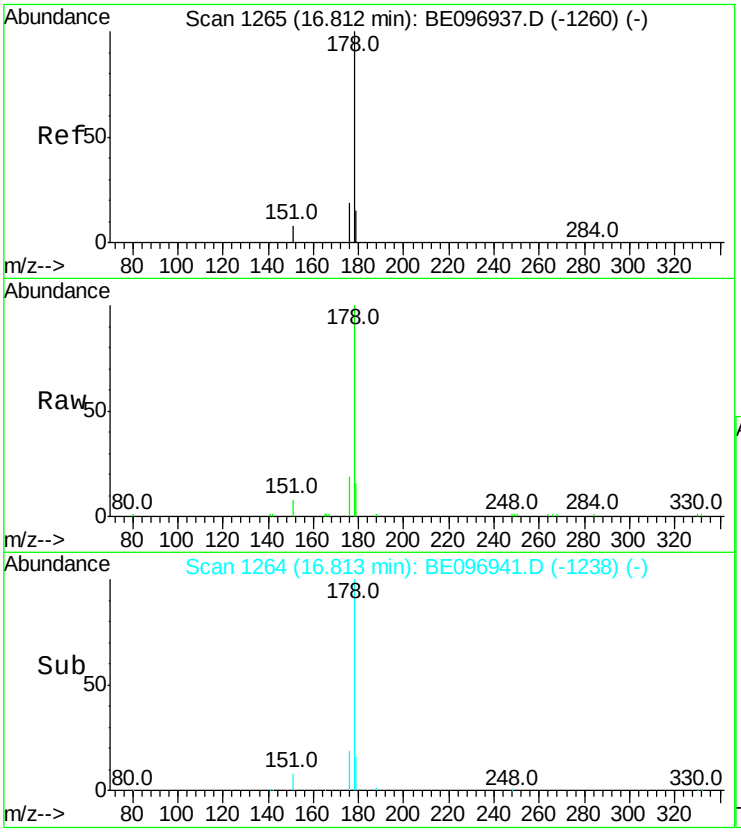


#22
Pentachlorophenol
Concen: 0.365 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:266 Resp: 396

Ion	Ratio	Lower	Upper
266	100		
264	70.2	72.5	108.7#
268	70.2	73.8	110.6#



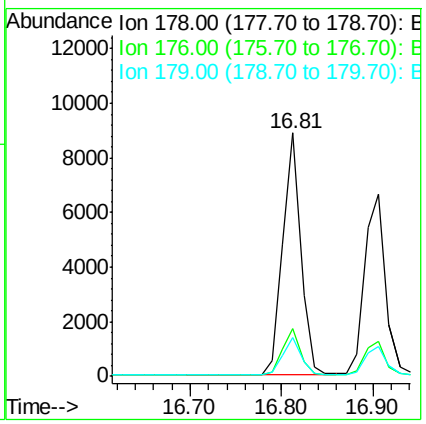


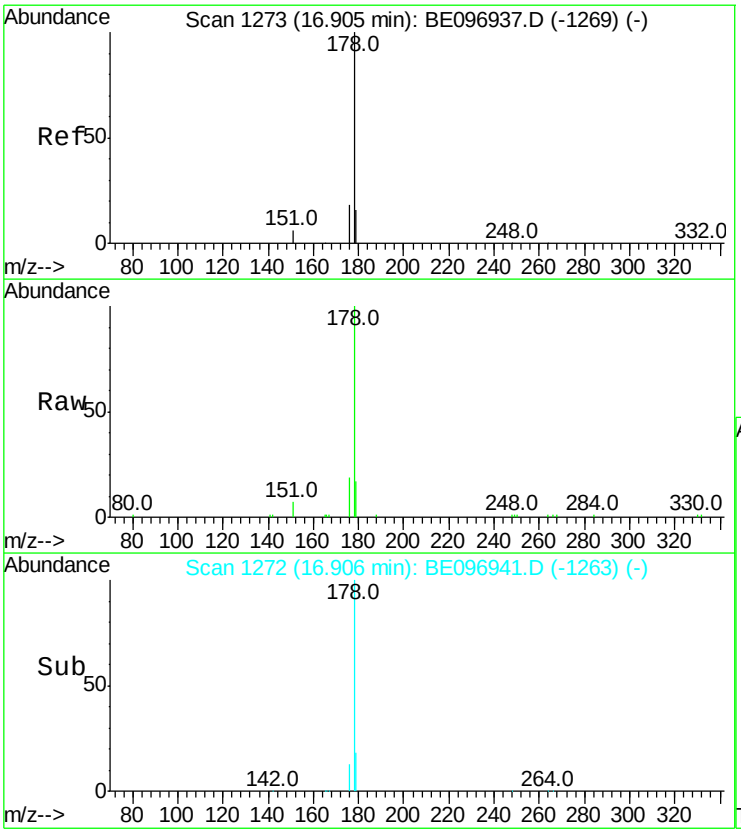
#23
Phenanthrene
Concen: 0.346 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:178 Resp: 12235

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.7	11.8	17.6

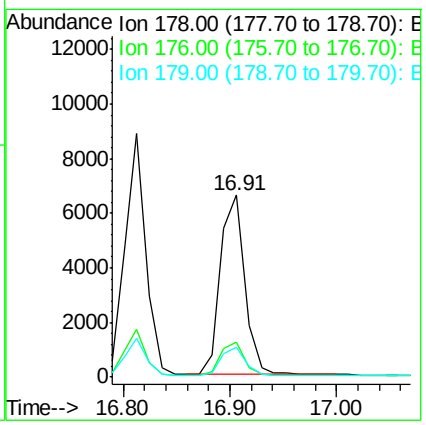


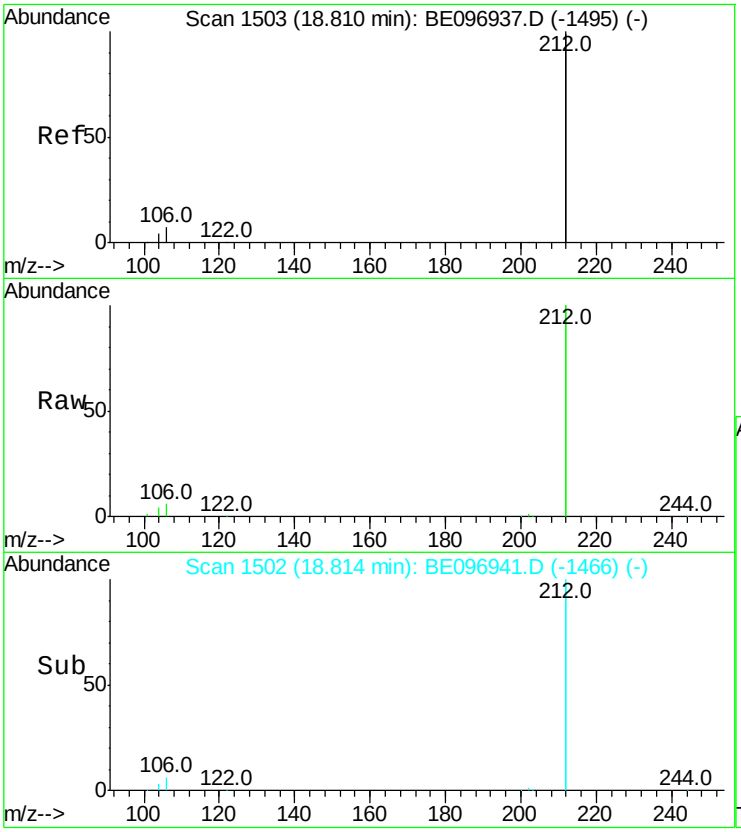


#24
Anthracene
Concen: 0.339 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:178 Resp: 10416

Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	15.2	13.0	19.6



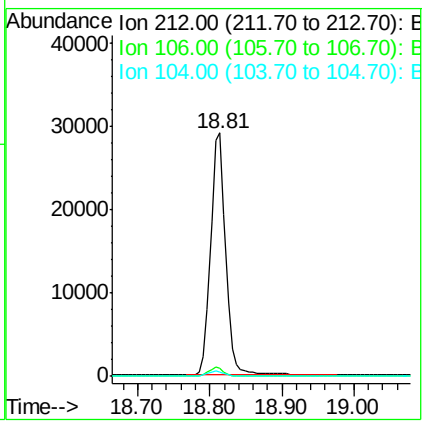


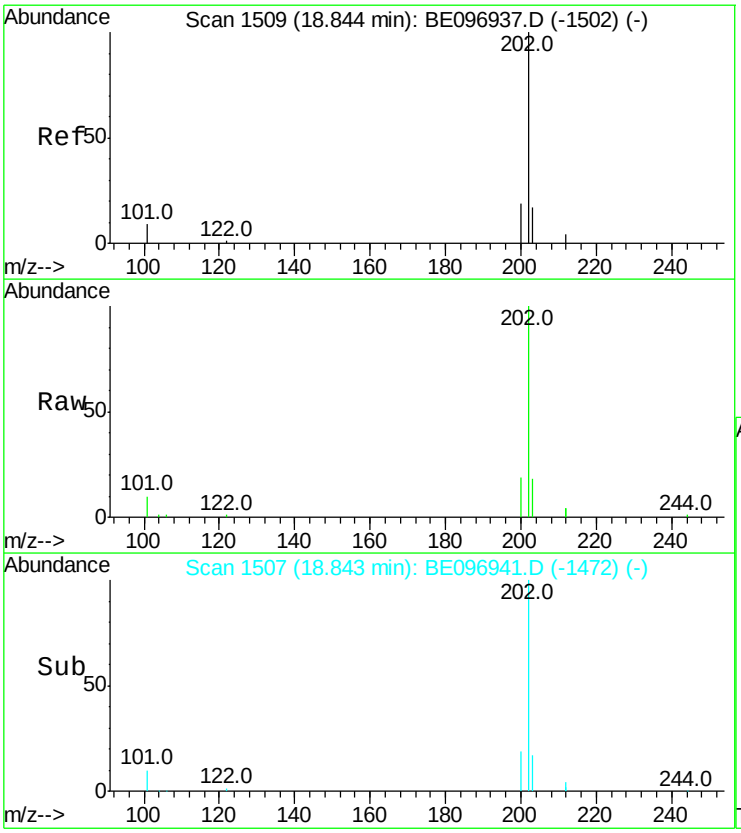
#25
Fluoranthene-d10
Concen: 0.328 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:212 Resp: 42125

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

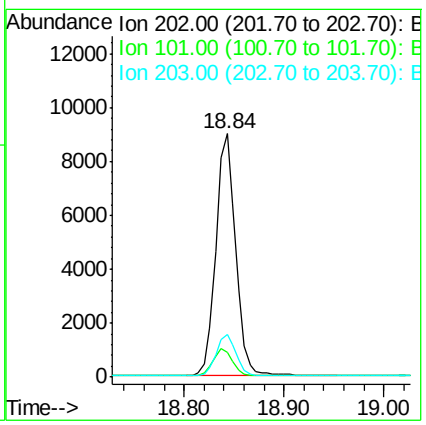


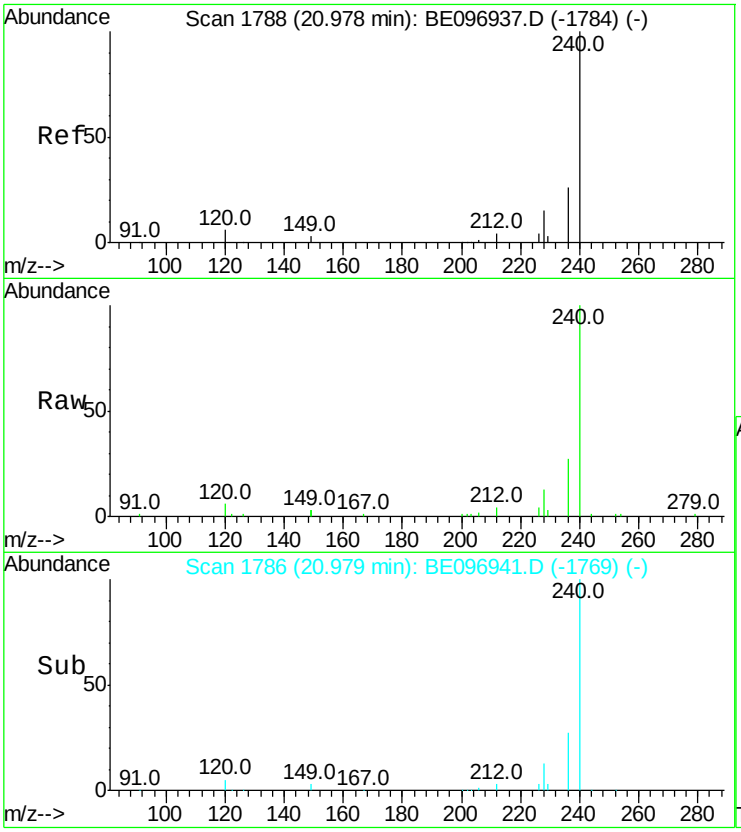


#26
Fluoranthene
Concen: 0.329 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:202 Resp: 12270

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.1	13.7	20.5



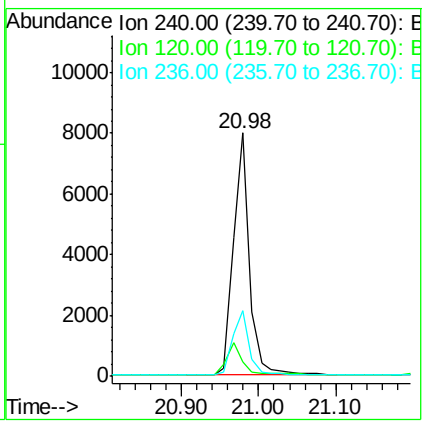


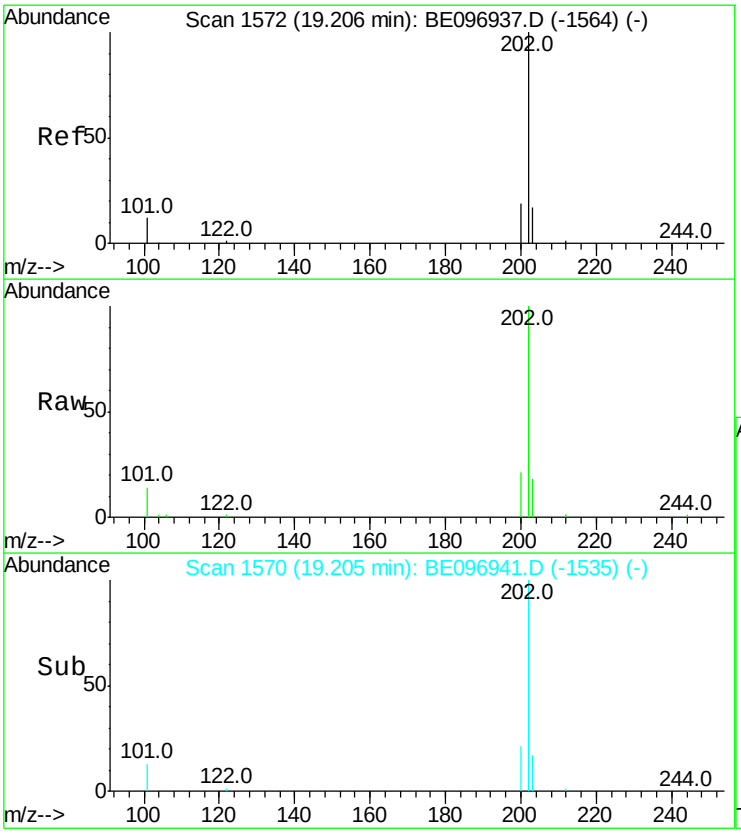
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:240 Resp: 11448

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	26.9	20.7	31.1

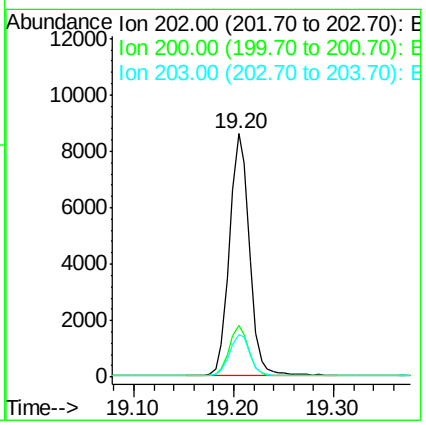


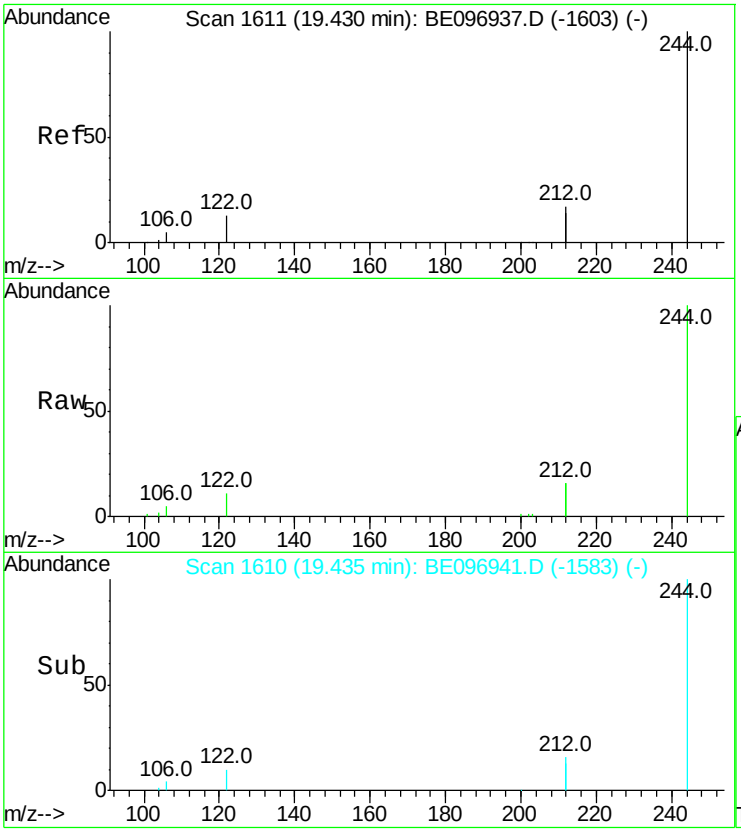


#28
Pyrene
Concen: 0.351 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:202 Resp: 11877

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	17.6	13.8	20.8



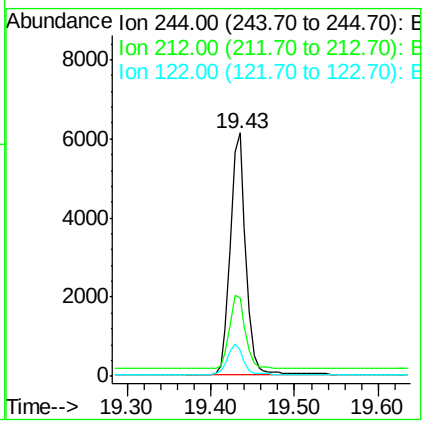


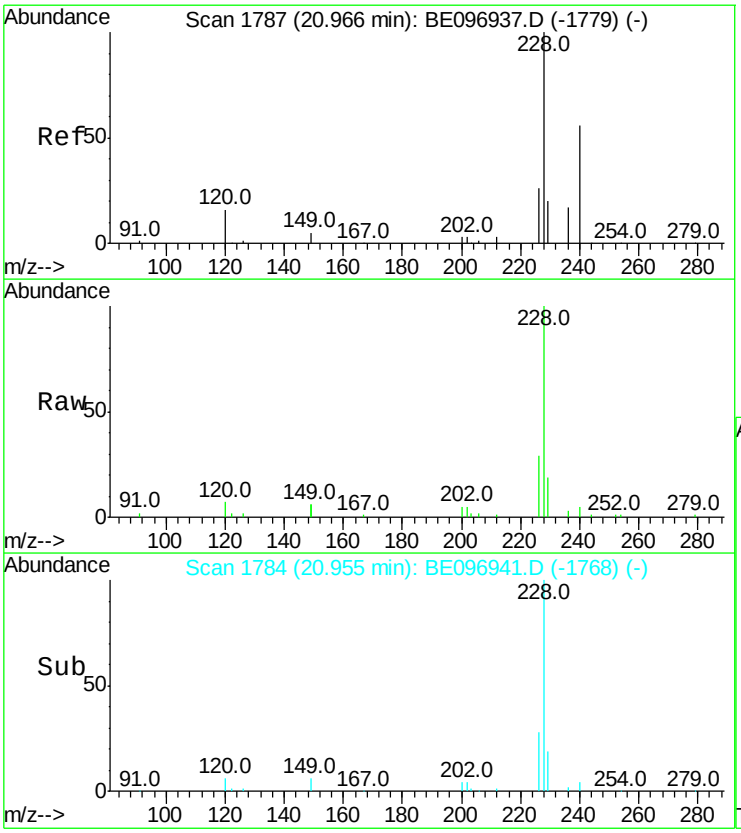
#29
Terphenyl-d14
Concen: 0.355 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:244 Resp: 7836

Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.4	38.0
122	10.9	8.1	12.1

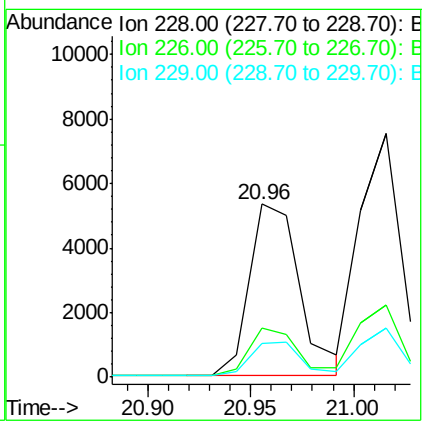


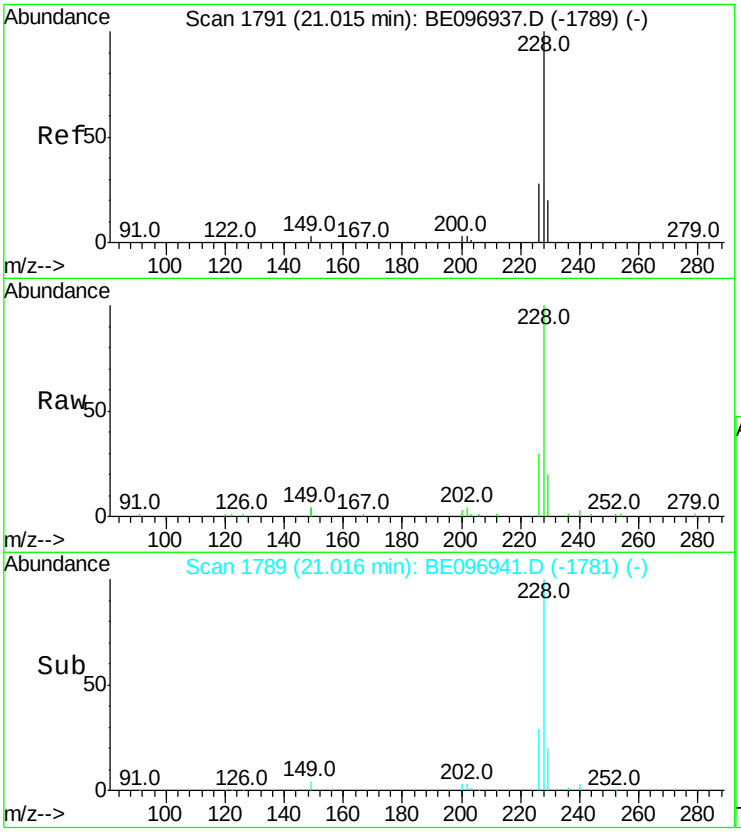


#30
Benzo(a)anthracene
Concen: 0.335 ng
RT: 20.96 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:228 Resp: 9133

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	19.4	16.0	24.0



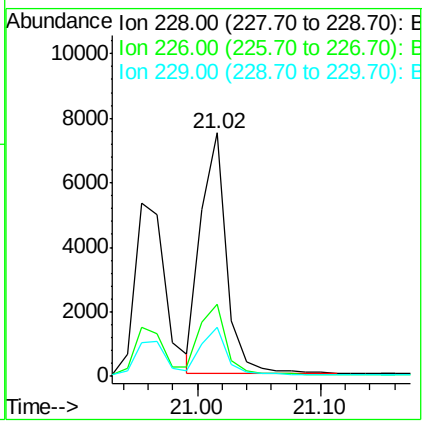


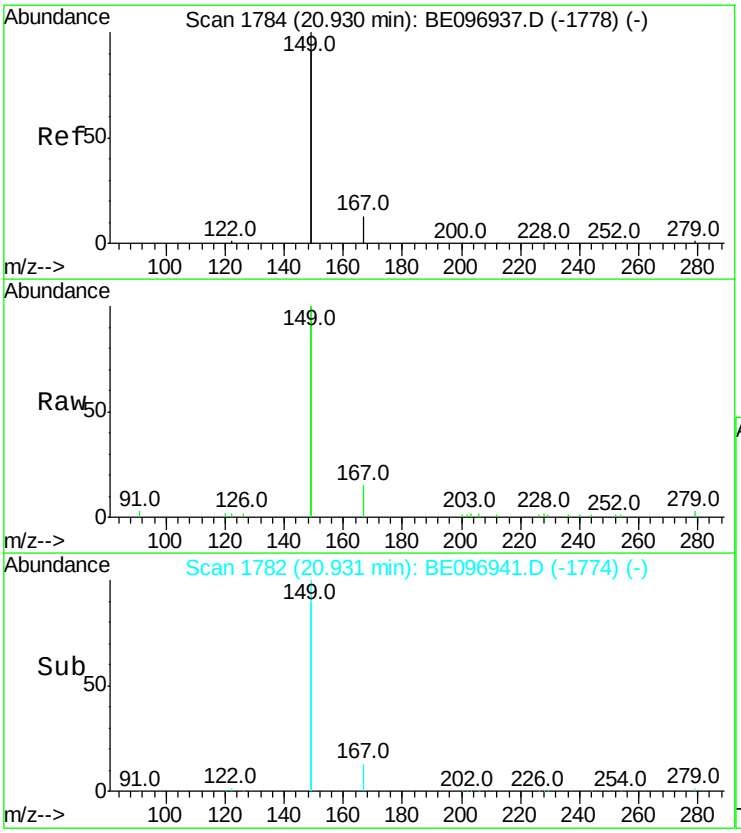
#31
Chrysene
Concen: 0.351 ng
RT: 21.02 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:228 Resp: 10718

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.3	16.0	24.0

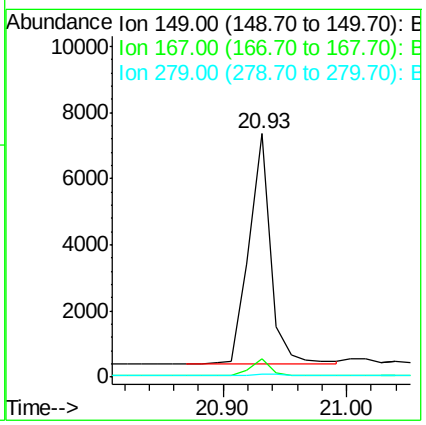


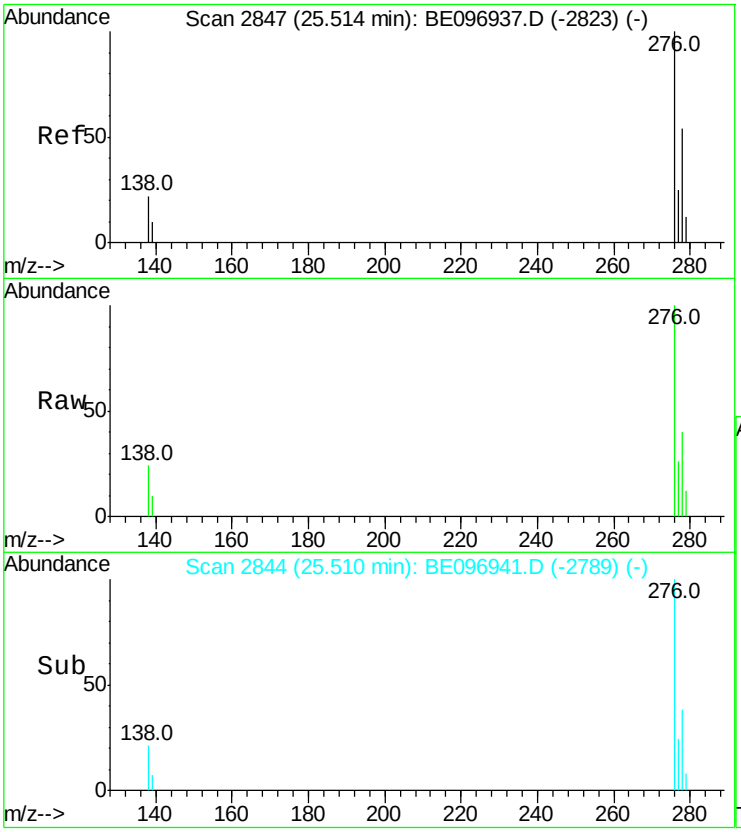


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.315 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:149 Resp: 8576

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



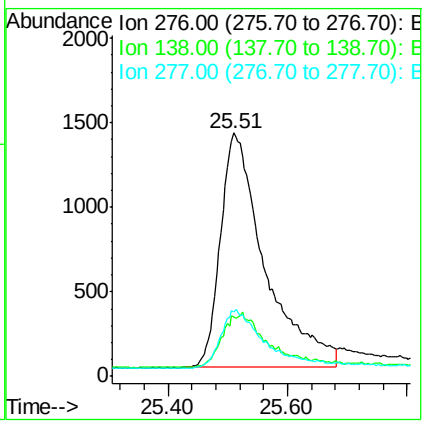


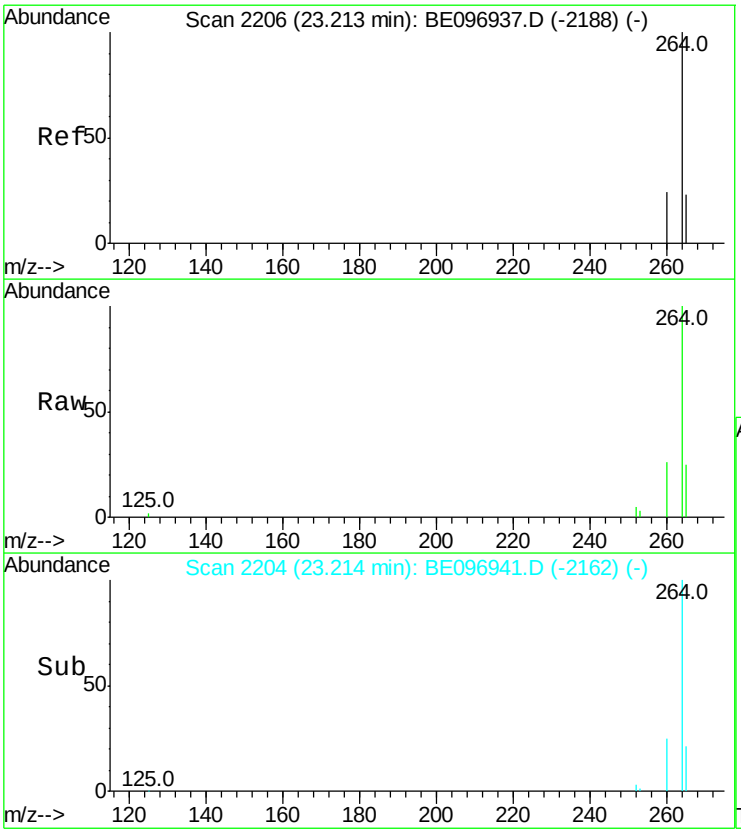
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng
RT: 25.51 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:276 Resp: 7197

Ion	Ratio	Lower	Upper
276	100		
138	7.7	22.5	33.7#
277	24.6	19.9	29.9

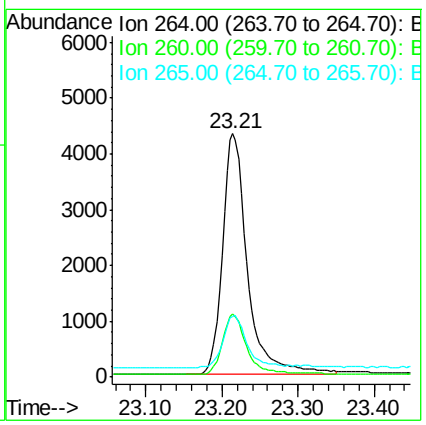


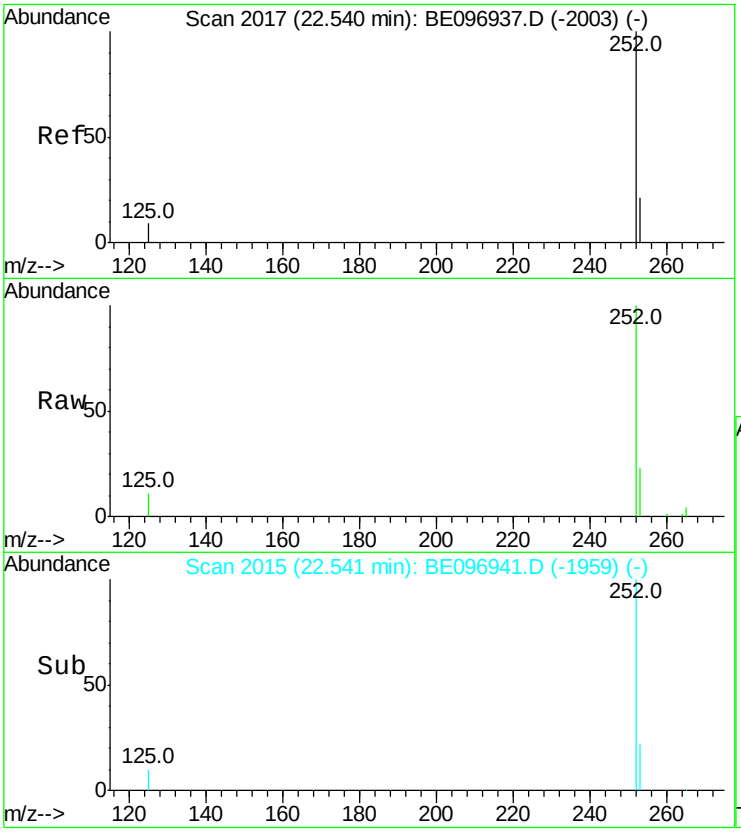


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:264 Resp: 9784

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	25.1	22.8	34.2



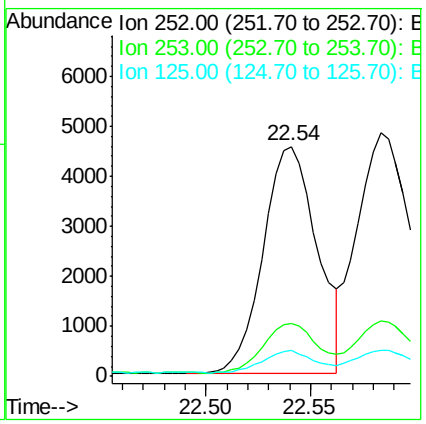


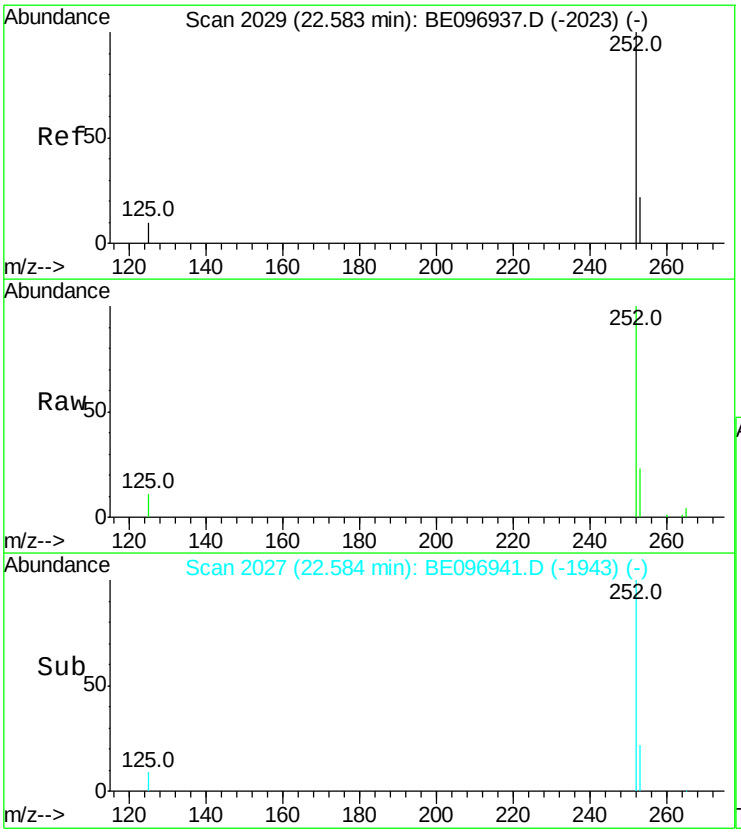
#35
Benzo(b)fluoranthene
Concen: 0.325 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:252 Resp: 8105

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.0	30.0
125	11.1	16.0	24.0#

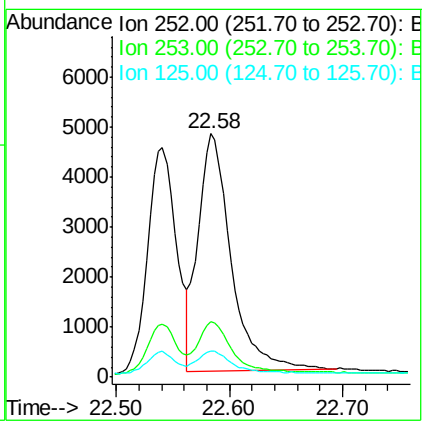


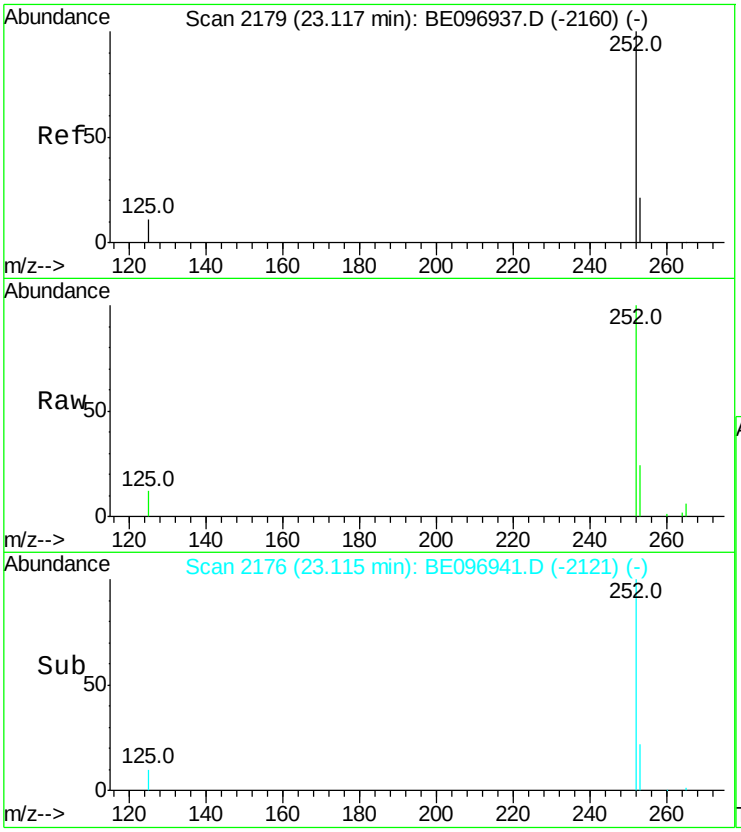


#36
Benzo(k)fluoranthene
Concen: 0.326 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:252 Resp: 9696

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	10.7	8.0	12.0



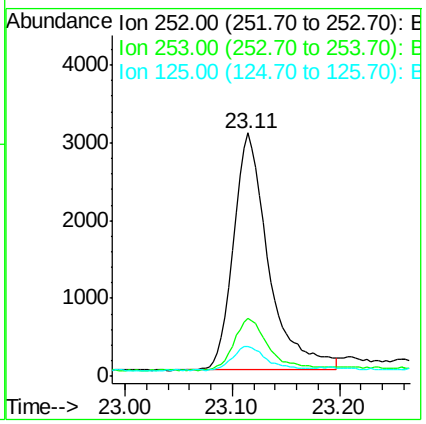


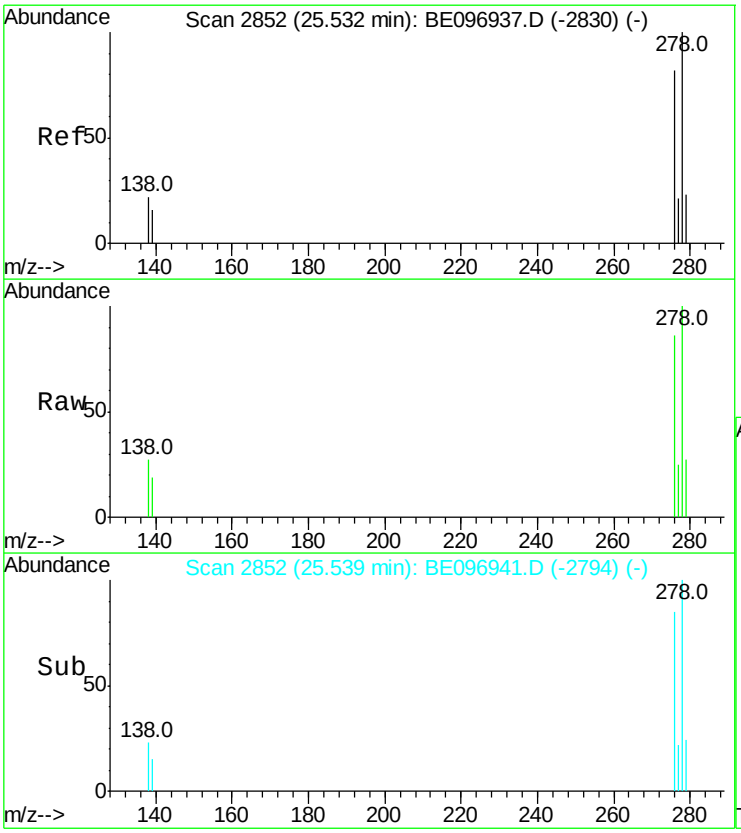
#37
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:252 Resp: 6916

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	12.3	12.0	18.0

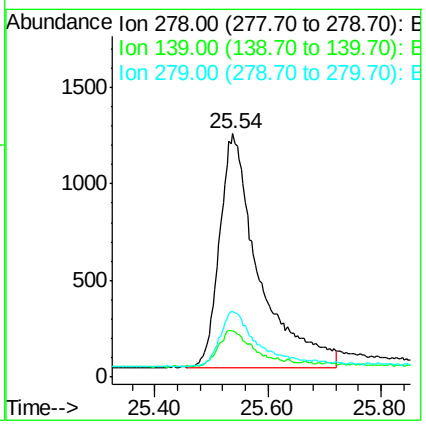


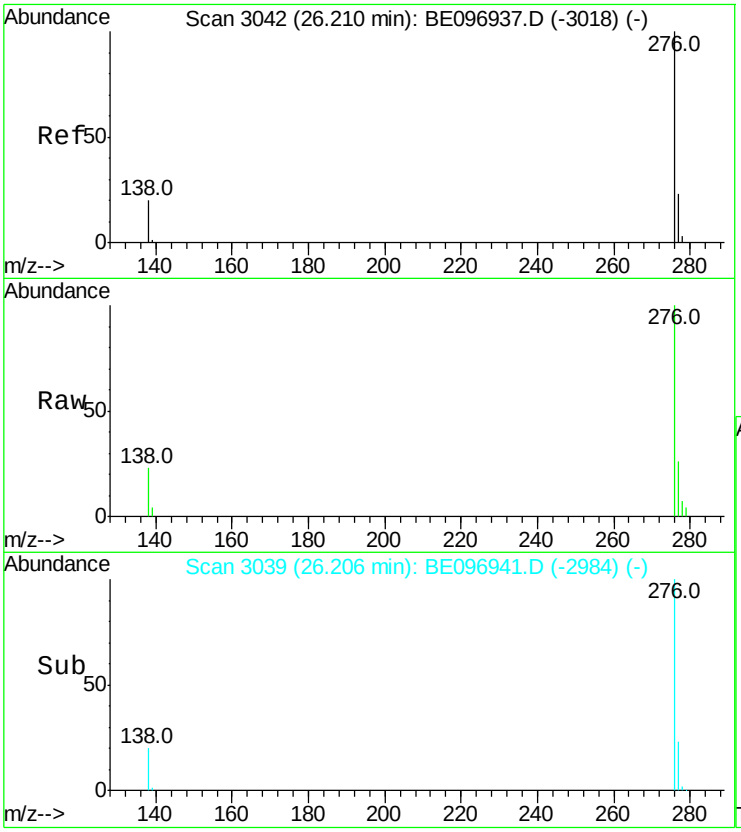


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.54 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:278 Resp: 5831

Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.0	24.0
279	26.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.338 ng
RT: 26.21 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Instrument :
BNA_E
ClientSampleId :
ICVBE071618

Tgt Ion:276 Resp: 6854

Ion	Ratio	Lower	Upper
276	100		
277	25.7	16.0	24.0#
138	22.9	20.0	30.0