Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096944.D
Acq On : 16 Jul 2018 18:48
Operator : SJ/JU
Sample : J3170-13DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 16:42:18 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	2038	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	11050	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5937	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	14794	0.40	ng		0.00
27) Chrysene-d12	20.98	240	10477	0.40	ng		0.00
34) Perylene-d12	23.21	264	10162	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	209	0.04	ng		0.00
5) Phenol-d6	6.60	99	183	0.02	ng		0.00
8) Nitrobenzene-d5	8.53	82	766	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	1532	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	118	0.13	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	2341	0.11	ng		0.00
25) Fluoranthene-d10	18.81	212	12528	0.10	ng		0.00
29) Terphenyl-d14	19.43	244	4316	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	4848	1.662	ng	#	88
6) bis(2-Chloroethyl)ether	6.84	93	95	0.013	ng	#	34
9) Naphthalene	10.20	128	1389	0.014	ng	#	86
10) Hexachlorobutadiene	10.51	225	2	0.001	ng	#	1
12) 2-Methylnaphthalene	11.81	142	116	0.007	ng	#	80
16) Acenaphthylene	13.74	152	24	0.001	ng	#	65
17) Acenaphthene	14.08	154	16	0.001	ng	#	33
18) Fluorene	15.07	166	45	0.002	ng	#	78
20) 4-Bromophenyl-phenylether	15.97	248	10	0.001	ng	#	60
21) Hexachlorobenzene	16.07	284	8	0.001	ng	#	51
22) Pentachlorophenol	16.44	266	16	Below Cal			95
23) Phenanthrene	16.81	178	148	0.004	ng	#	89
24) Anthracene	16.90	178	17	0.001	ng	#	24
26) Fluoranthene	18.84	202	44	0.001	ng	#	91
28) Pyrene	19.21	202	56	0.002	ng	#	68
30) Benzo(a)anthracene	20.97	228	94	0.004	ng	#	15
31) Chrysene	21.06	228	5	0.000	ng	#	1
32) Bis(2-ethylhexyl)phthalate	20.93	149	530	0.021	ng	#	83
33) Indeno(1,2,3-cd)pyrene	25.52	276	4	0.000	ng	#	1
35) Benzo(b)fluoranthene	22.55	252	38	0.001	ng	#	1
36) Benzo(k)fluoranthene	22.55	252	38	0.001	ng	#	1
37) Benzo(a)pyrene	23.12	252	21	0.102	ng	#	1
38) Dibenzo(a,h)anthracene	25.53	278	10	0.118	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	20	0.001	ng	#	1

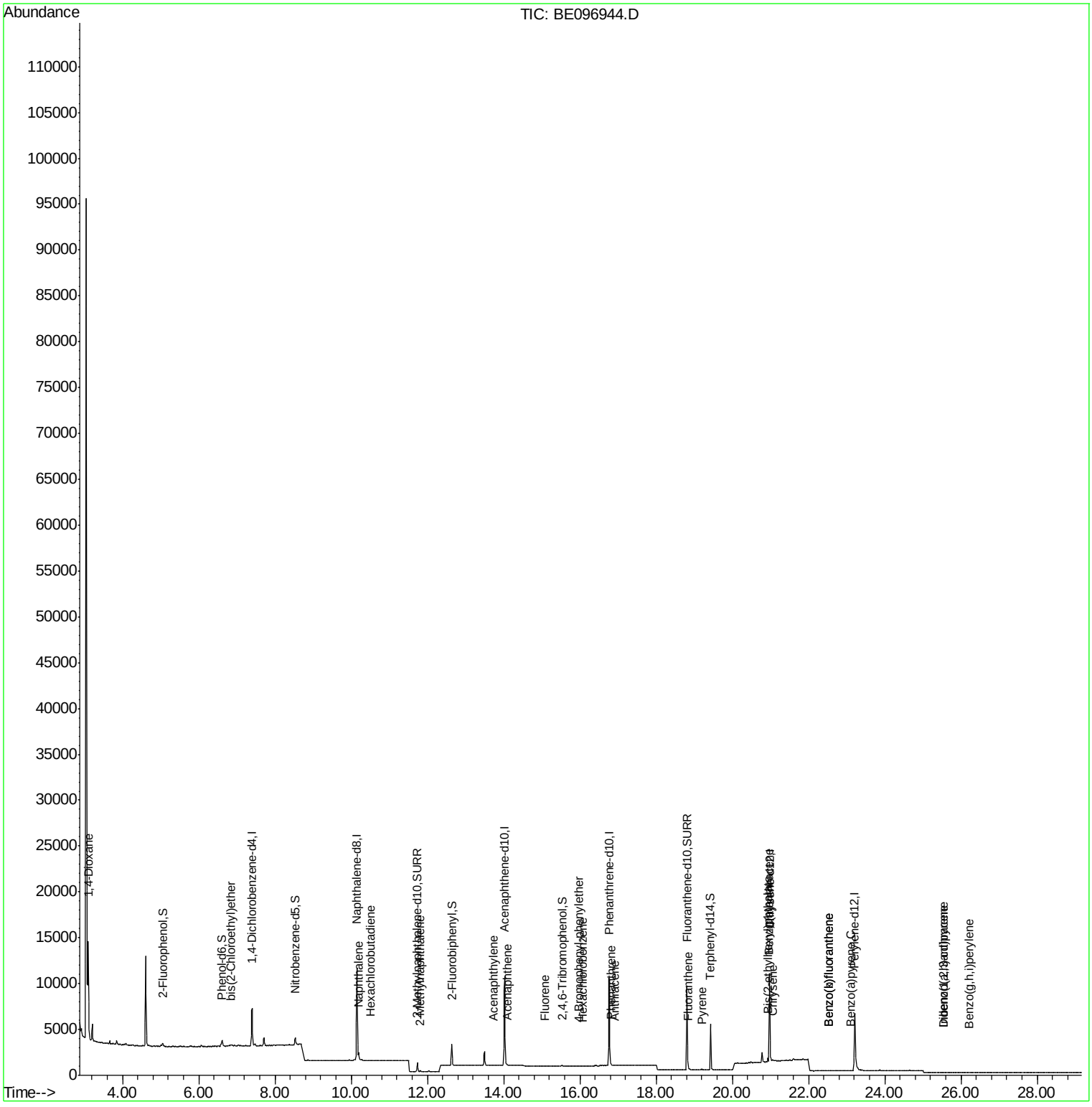
(#) = qualifier out of range (m) = manual integration (+) = signals summed

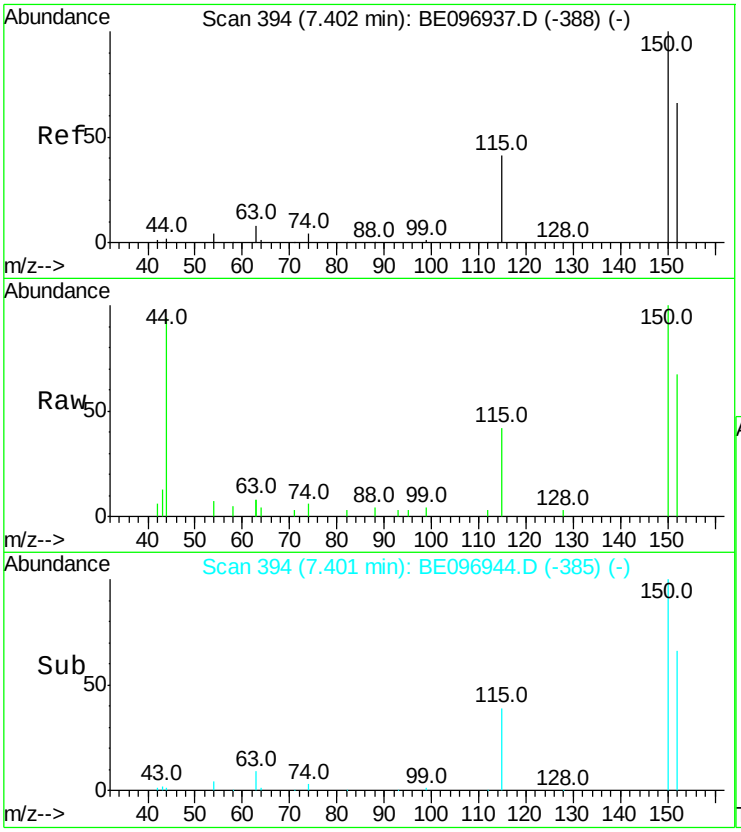
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096944.D
Acq On : 16 Jul 2018 18:48
Operator : SJ/JU
Sample : J3170-13DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 16:42:18 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



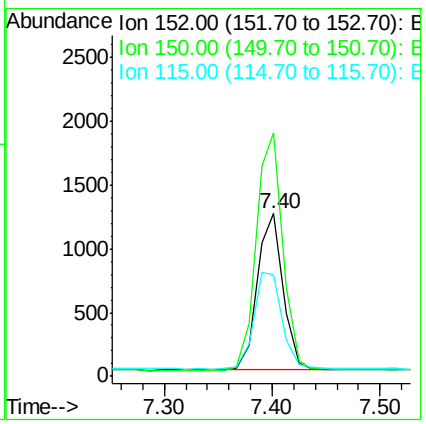


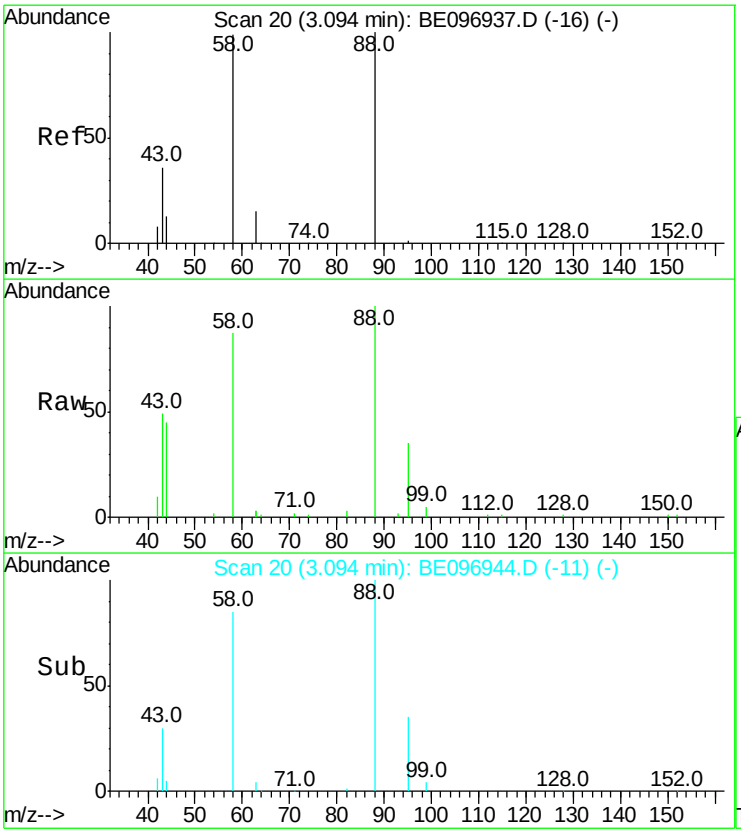
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2038

Ion	Ratio	Lower	Upper
152	100		
150	149.8	117.2	175.8
115	62.2	57.0	85.6

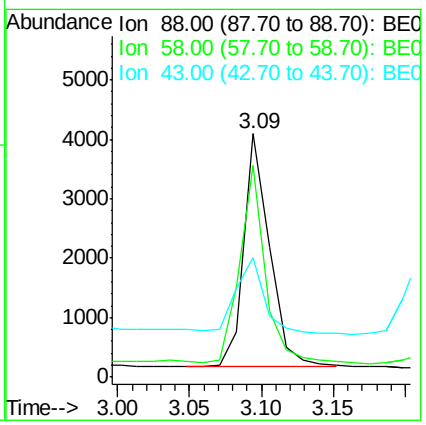


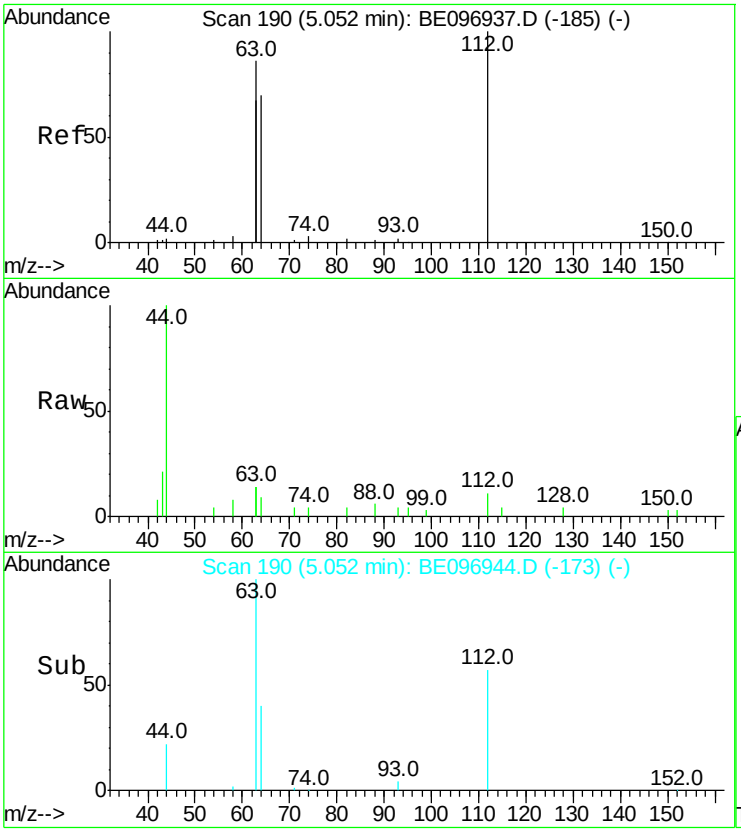


#2
1,4-Dioxane
Concen: 1.662 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion: 88 Resp: 4848

Ion	Ratio	Lower	Upper
88	100		
58	82.6	63.2	94.8
43	35.5	41.2	61.8#



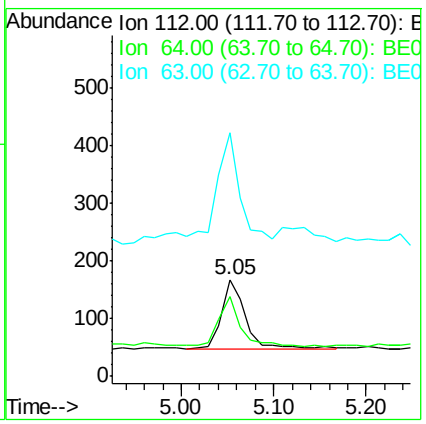


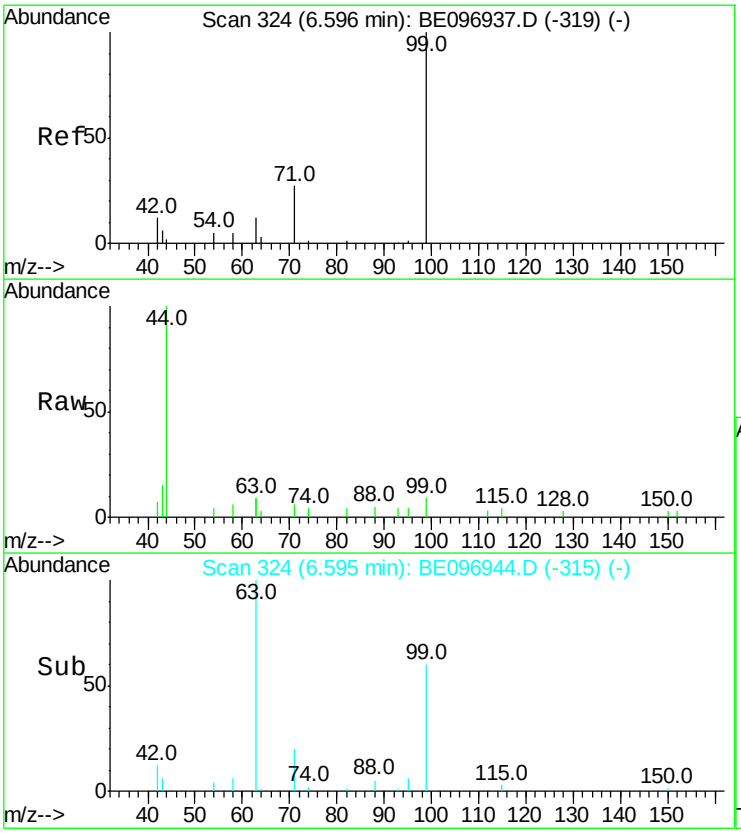
#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 209

Ion	Ratio	Lower	Upper
112	100		
64	66.5	60.1	90.1
63	183.7	116.8	175.2#

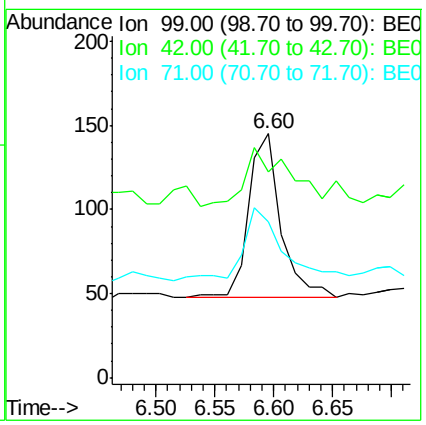


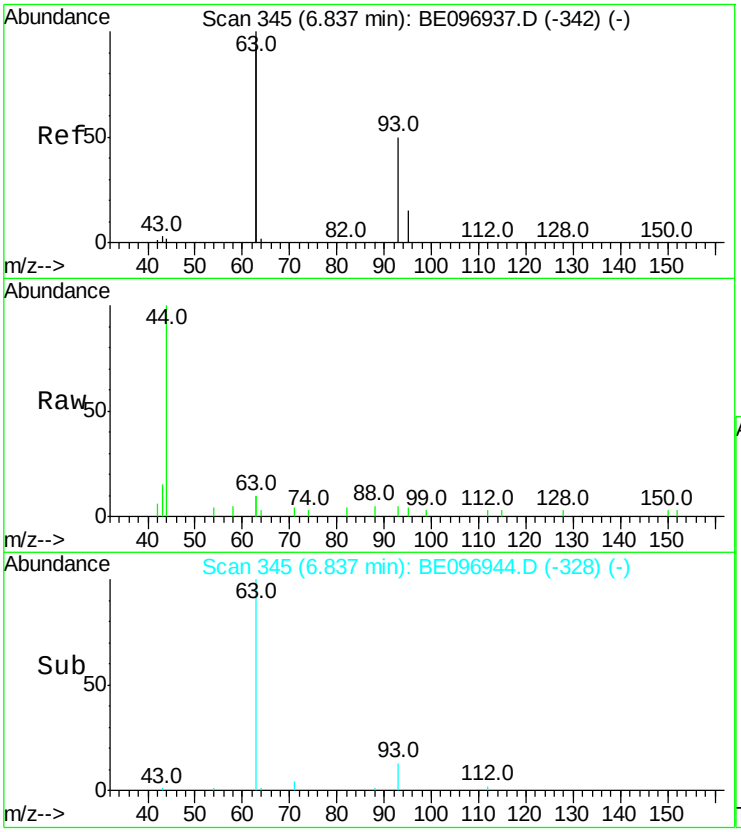


#5
Phenol-d6
Concen: 0.025 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion: 99 Resp: 183

Ion	Ratio	Lower	Upper
99	100		
42	43.2	20.2	30.2#
71	53.0	28.4	42.6#



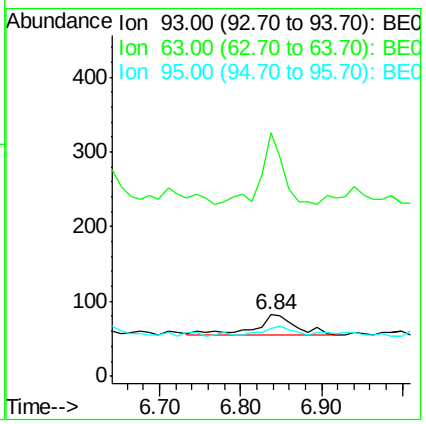


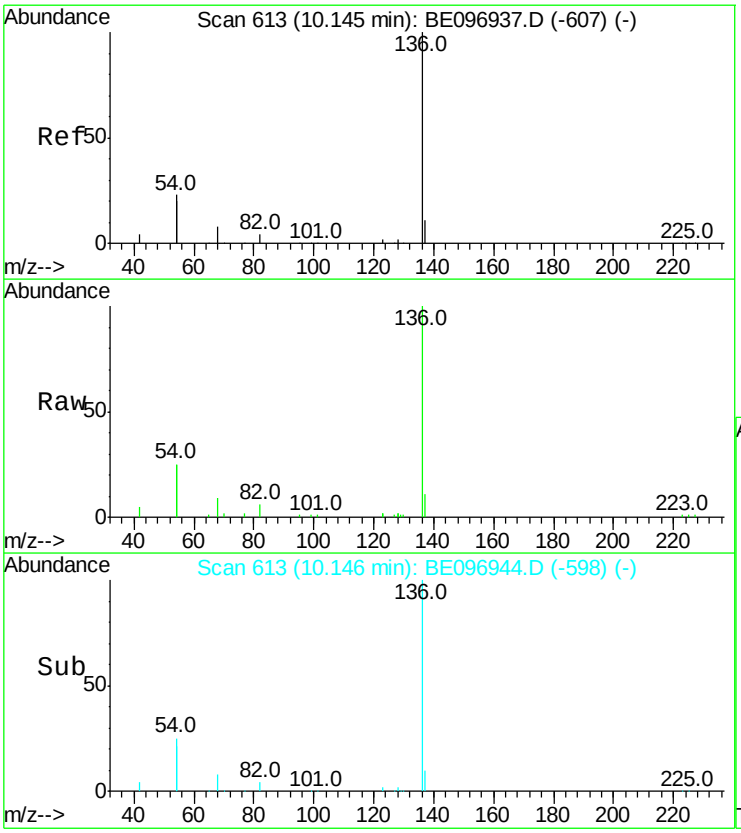
#6
bis(2-Chloroethyl)ether
Concen: 0.013 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 95

Ion	Ratio	Lower	Upper
93	100		
63	189.5	275.3	412.9#
95	29.5	25.2	37.8

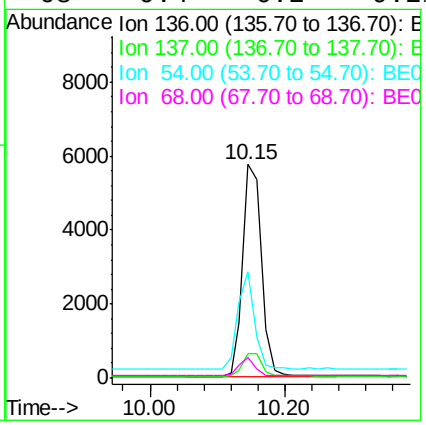


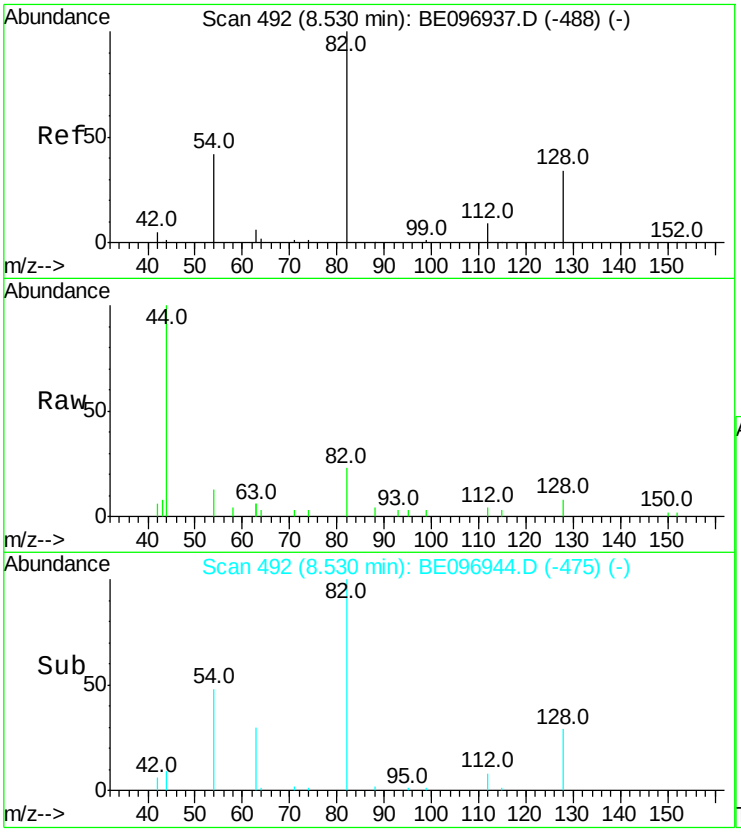


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:136 Resp: 11050

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	50.0	29.1	43.7#
68	9.4	6.2	9.2#



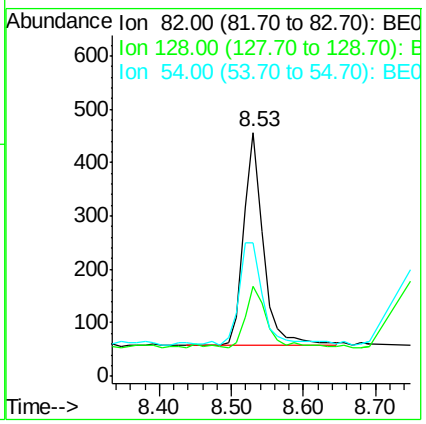


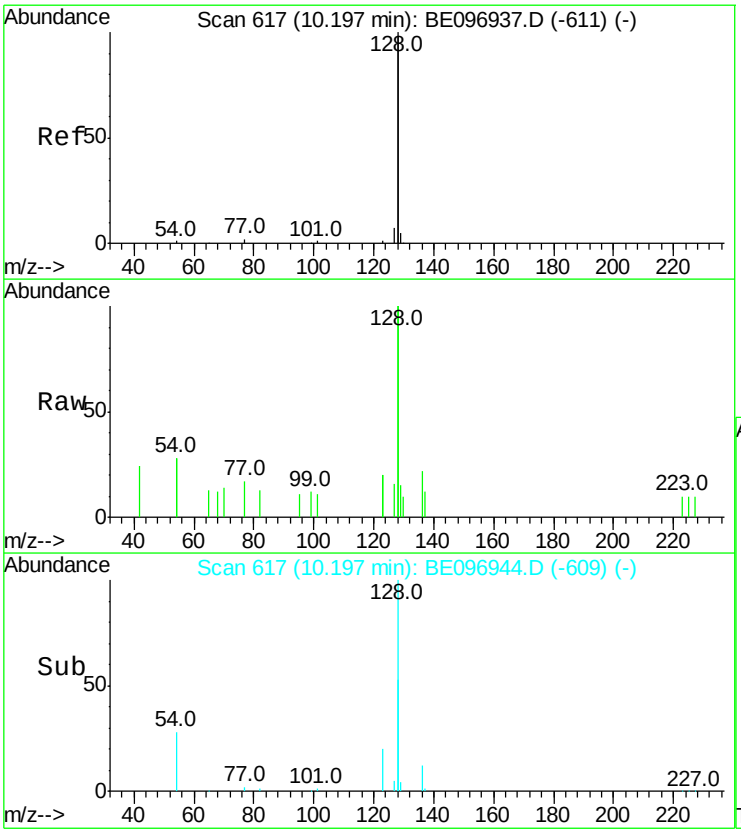
#8
Nitrobenzene-d5
Concen: 0.095 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 766

Ion	Ratio	Lower	Upper
82	100		
128	37.1	24.0	36.0#
54	54.8	40.0	60.0

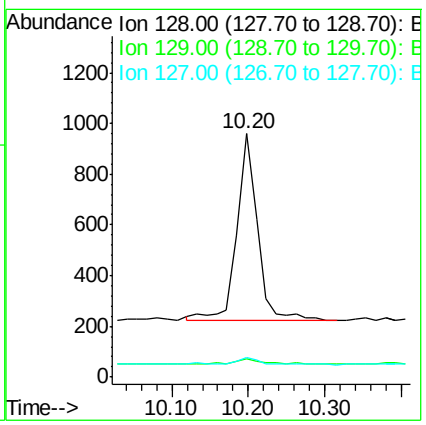


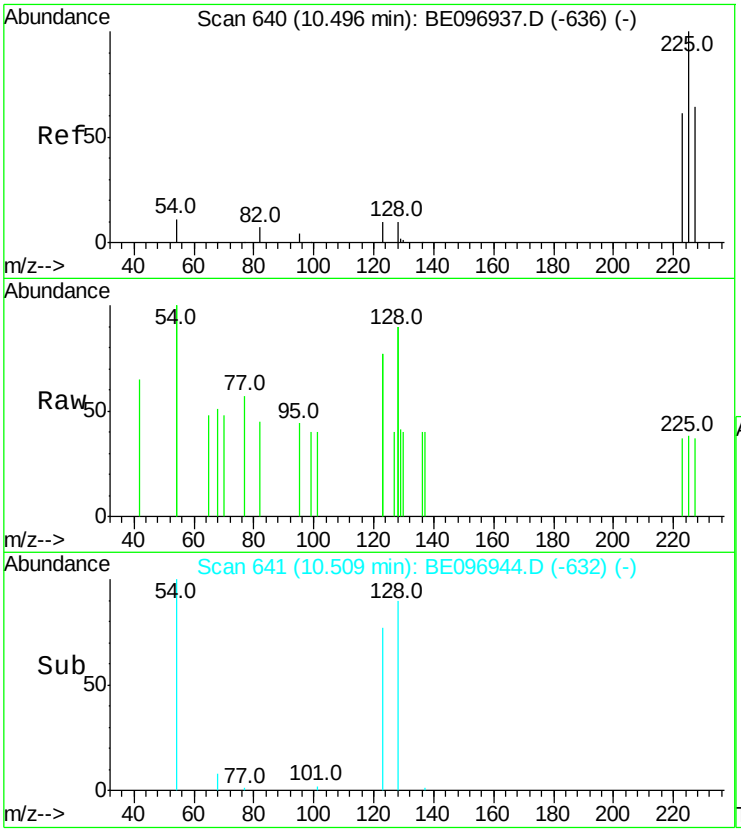


#9
Naphthalene
Concen: 0.014 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:128 Resp: 1389

Ion	Ratio	Lower	Upper
128	100		
129	7.6	2.6	3.8#
127	8.0	2.8	4.2#



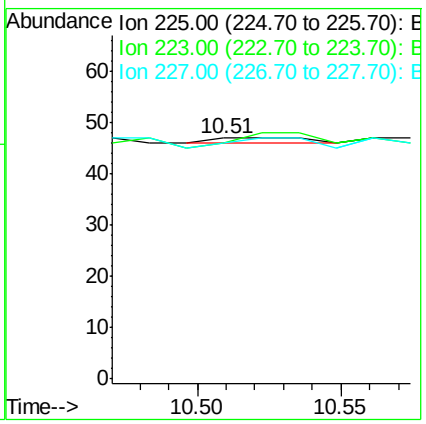


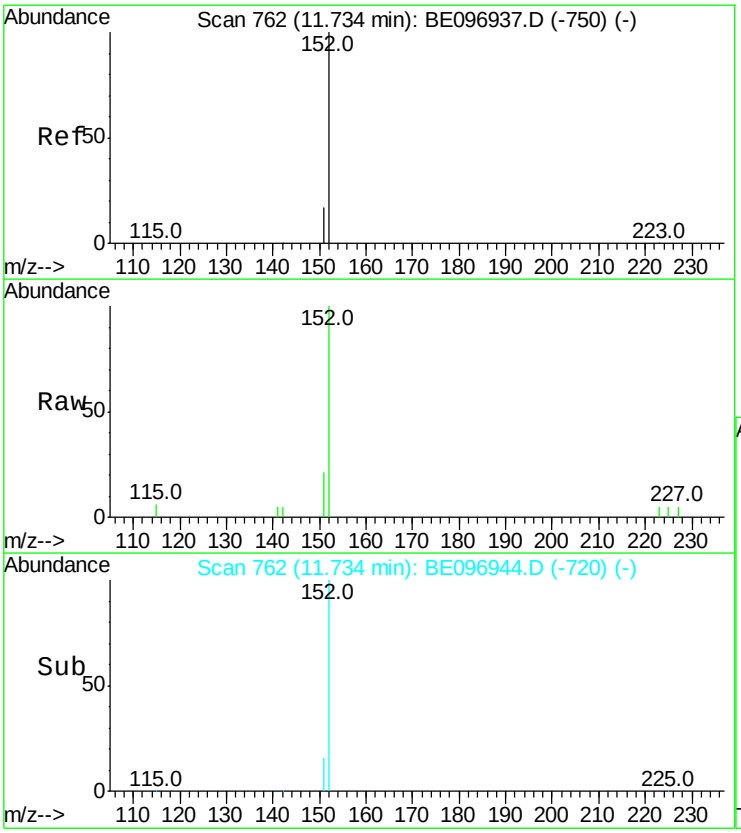
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.51 min Scan# 641
Delta R.T. 0.01 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	300.0	53.0	79.6#
227	200.0	51.4	77.2#

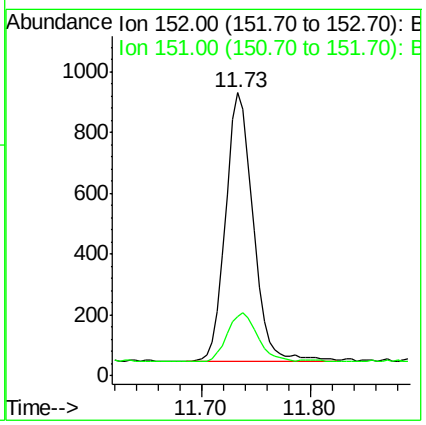


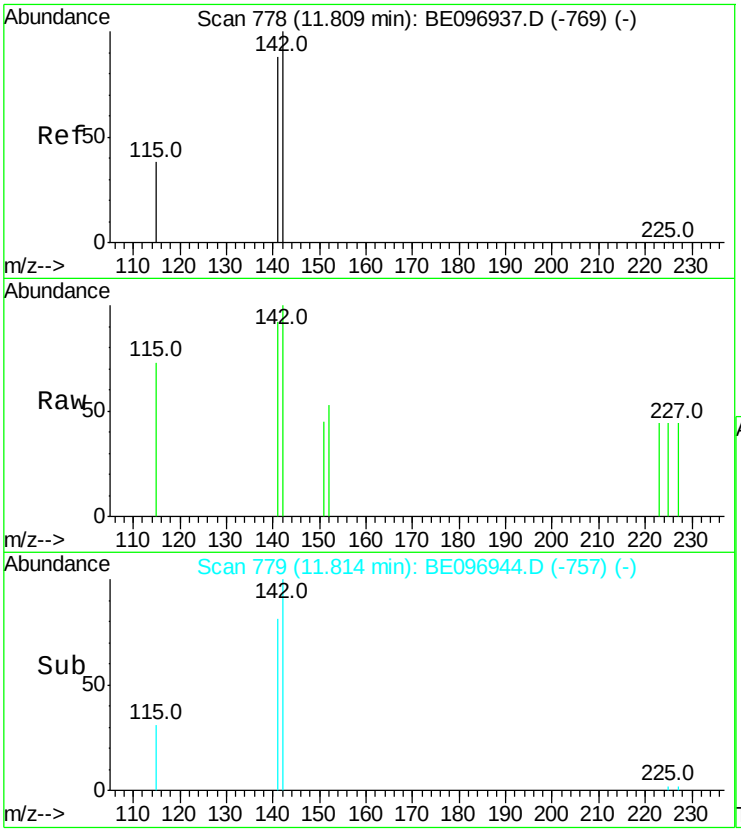


#11
2-Methylnaphthalene-d10
Concen: 0.095 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:152 Resp: 1532

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0



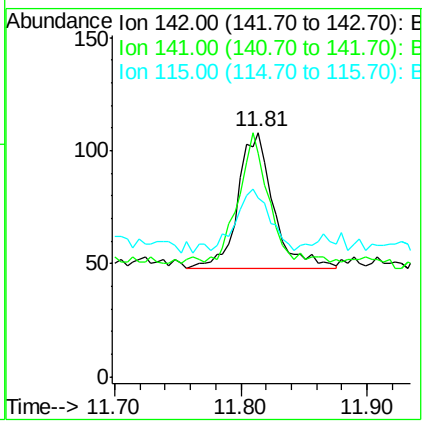


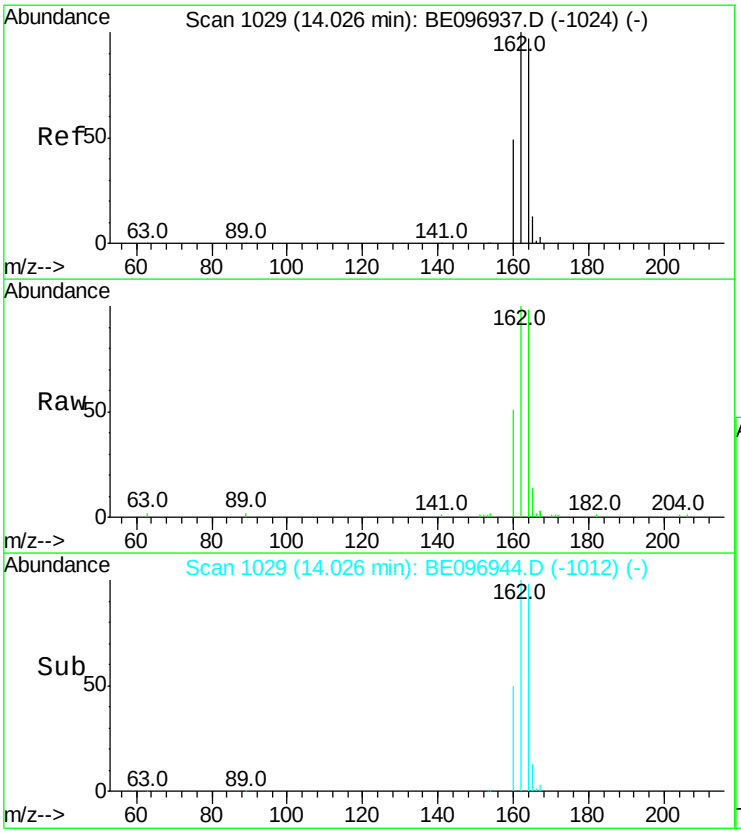
#12
2-Methylnaphthalene
Concen: 0.007 ng
RT: 11.81 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 116

Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.4	105.6
115	73.1	31.7	47.5#

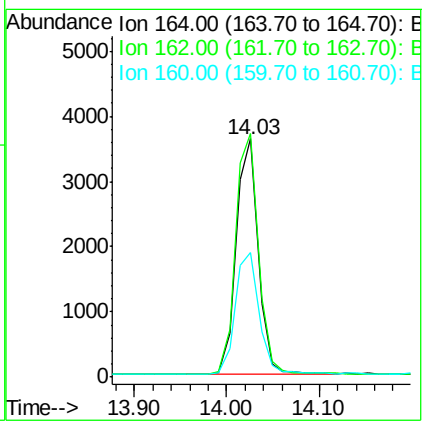


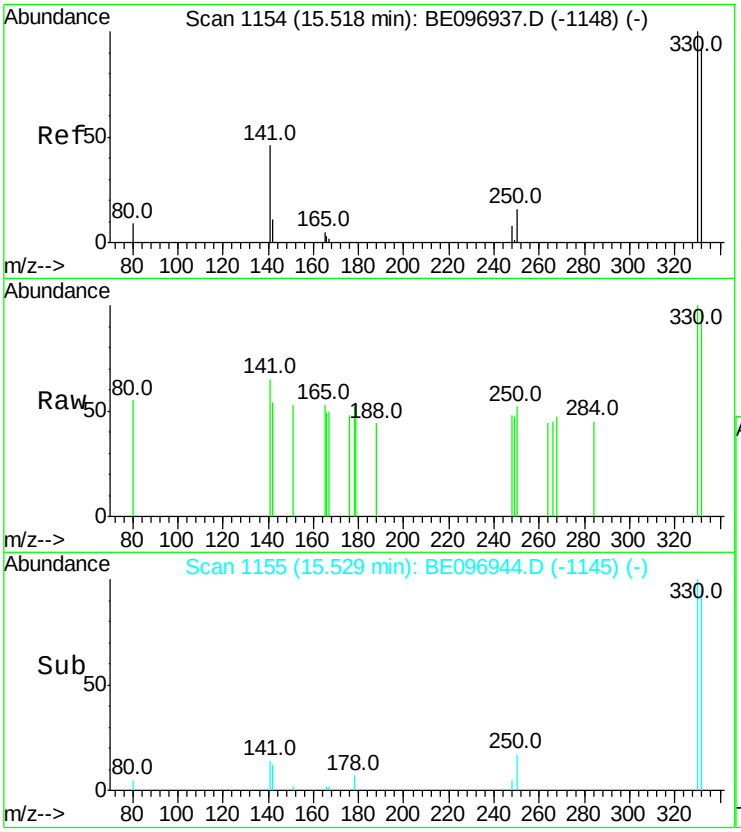


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:164 Resp: 5937

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.1	124.7
160	52.2	37.1	55.7



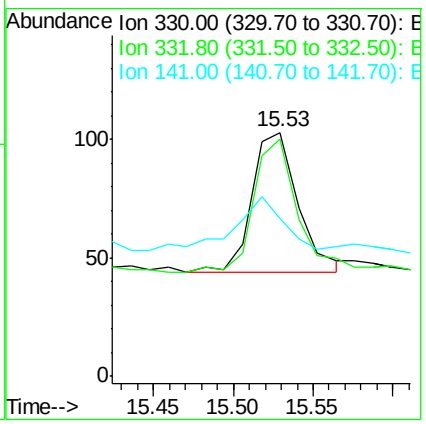


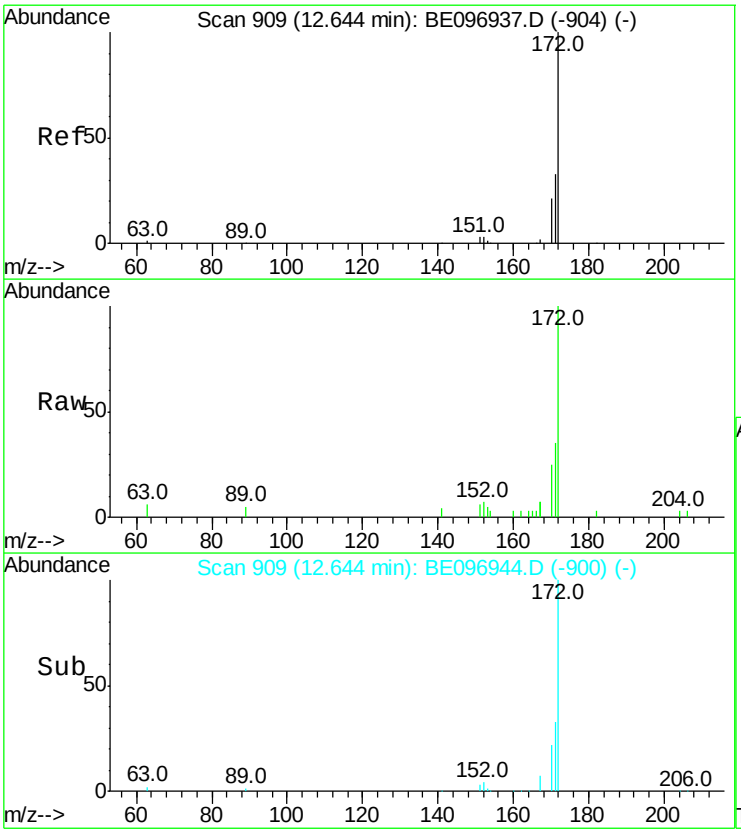
#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 118

Ion	Ratio	Lower	Upper
330	100		
332	90.7	152.7	229.1#
141	43.2	33.7	50.5

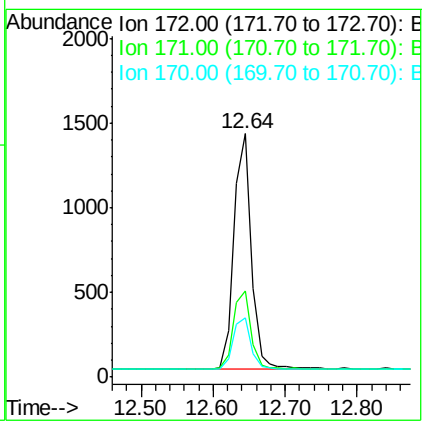


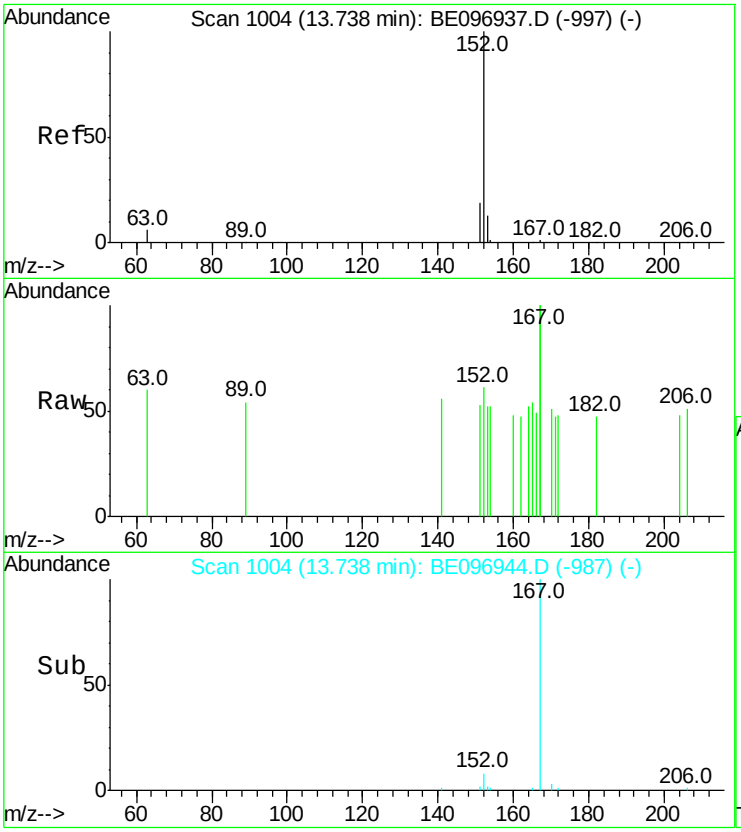


#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 12.64 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:172 Resp: 2341

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	24.6	21.8	32.8



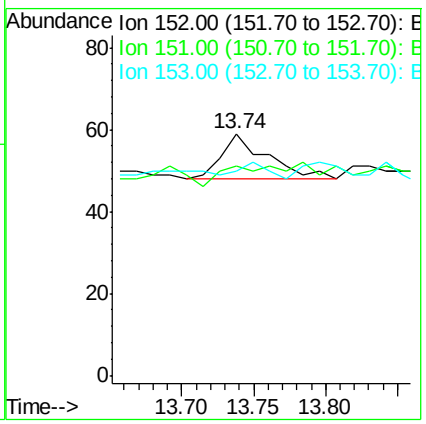


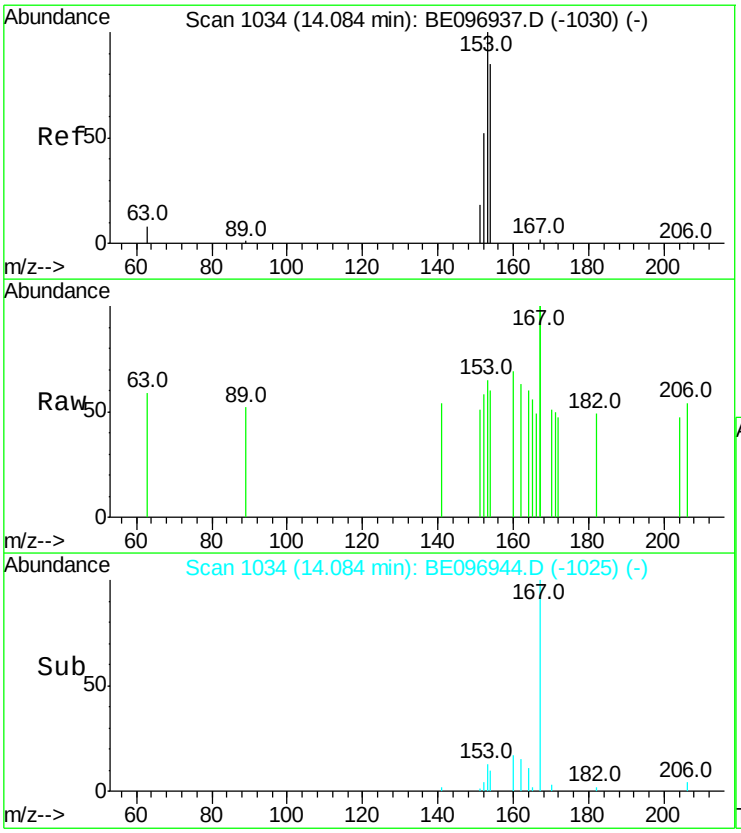
#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 24

Ion	Ratio	Lower	Upper
152	100		
151	37.5	15.7	23.5#
153	25.0	10.5	15.7#

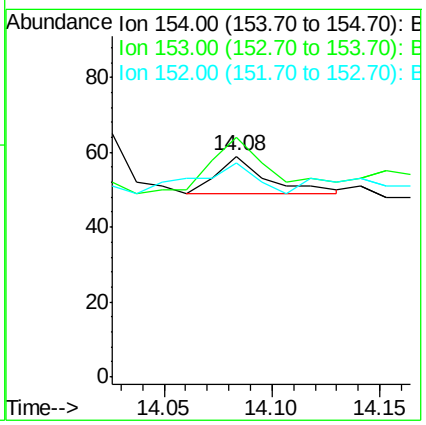


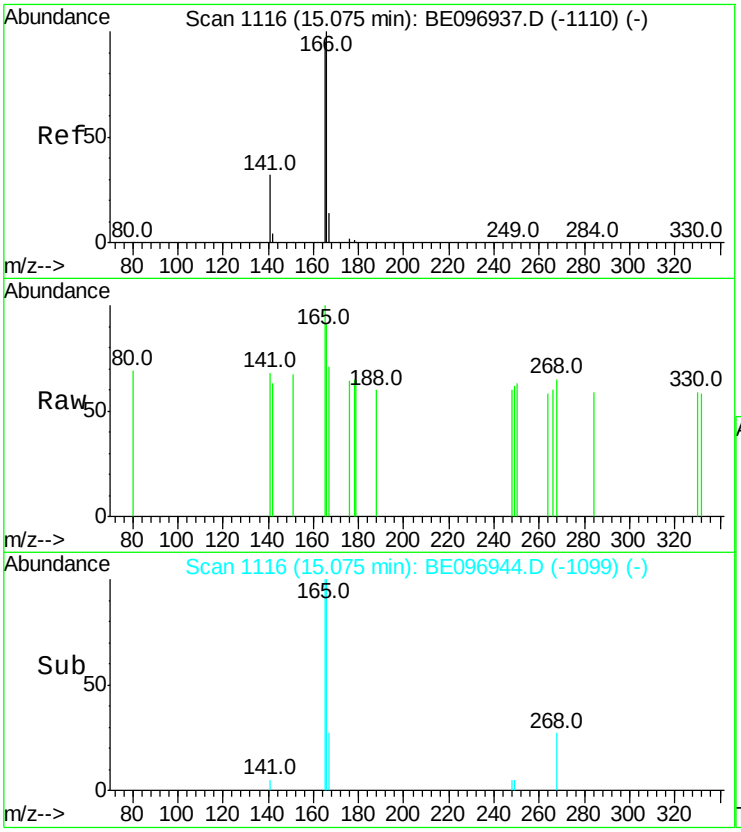


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:154 Resp: 16

Ion	Ratio	Lower	Upper
154	100		
153	187.5	89.2	133.8#
152	93.8	42.0	63.0#



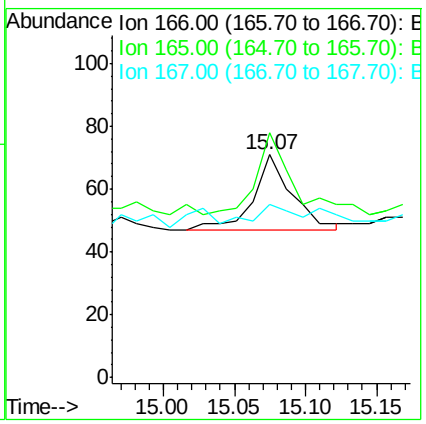


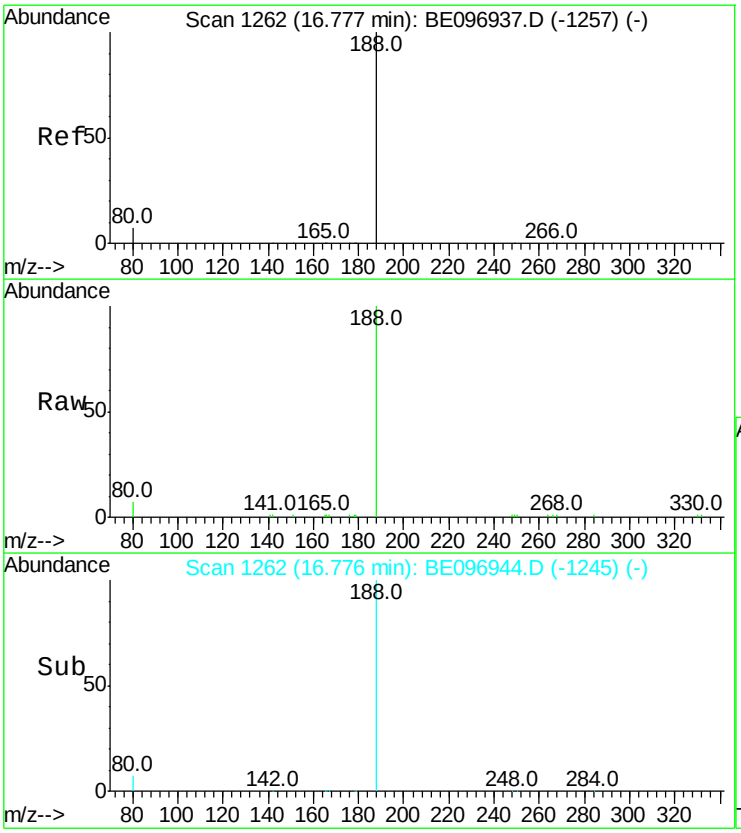
#18
Fluorene
Concen: 0.002 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 45

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.6
167	13.3	42.4	63.6#

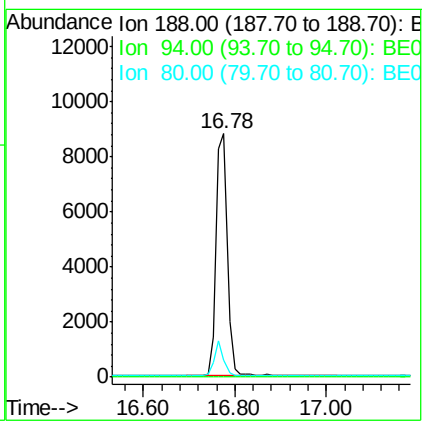


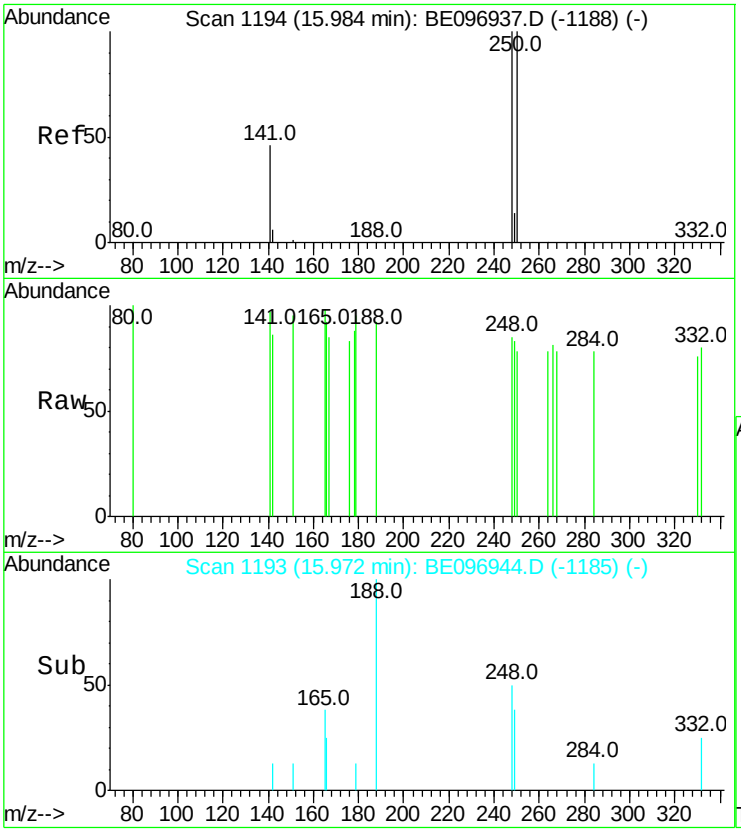


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:188 Resp: 14794

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.3	3.6	5.4#



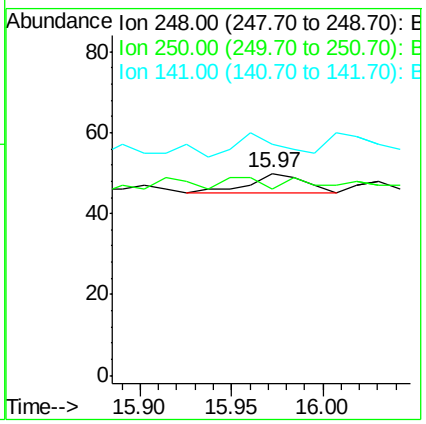


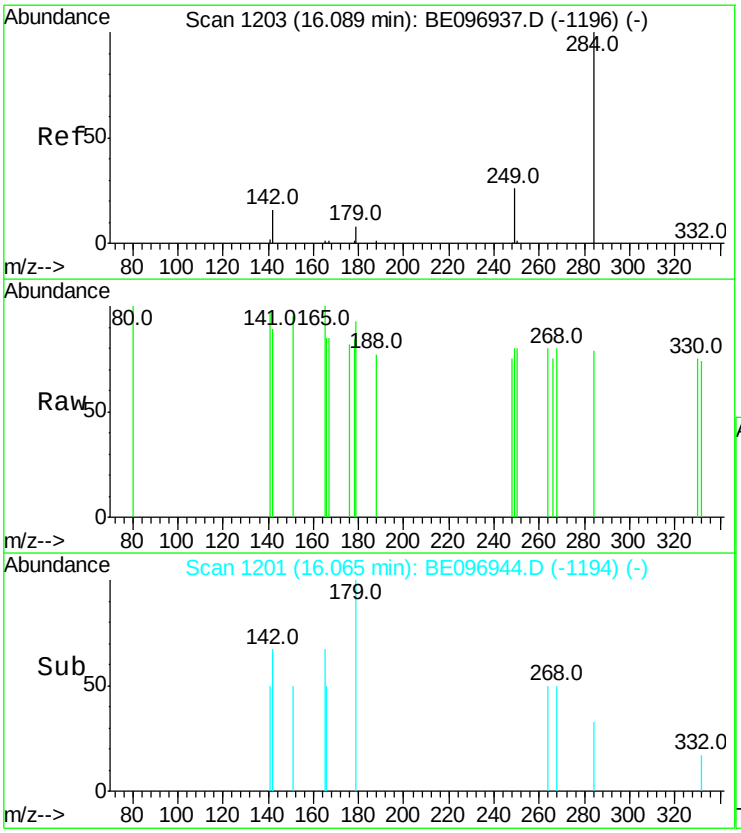
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 10

Ion	Ratio	Lower	Upper
248	100		
250	92.0	62.7	94.1
141	114.0	48.2	72.2#

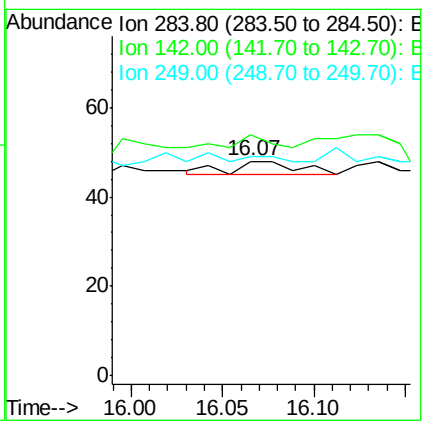


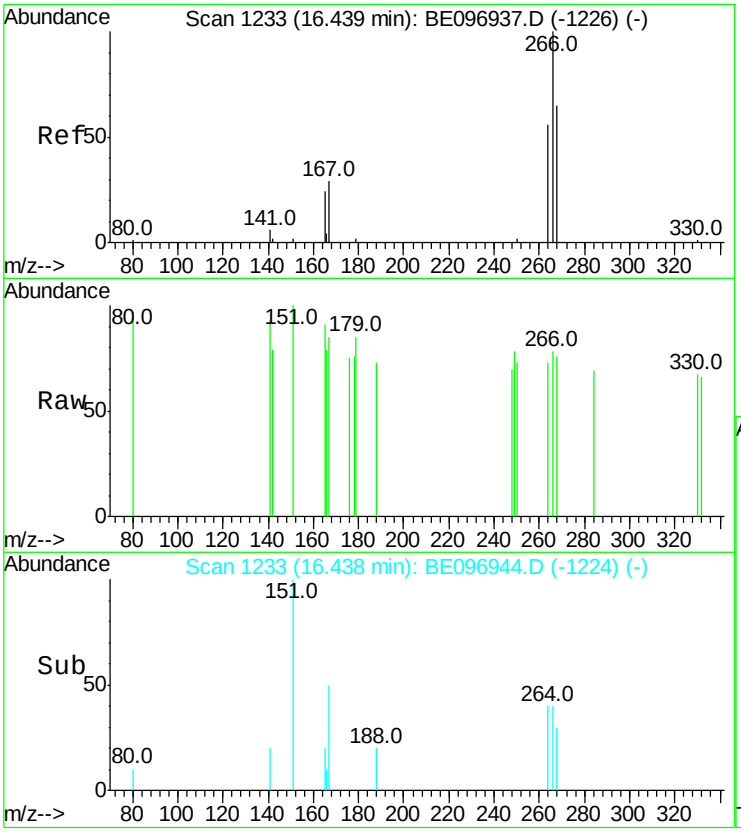


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	37.5	22.1	33.1#
249	0.0	34.8	52.2#



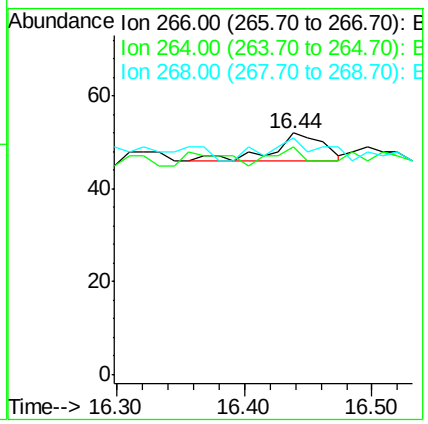


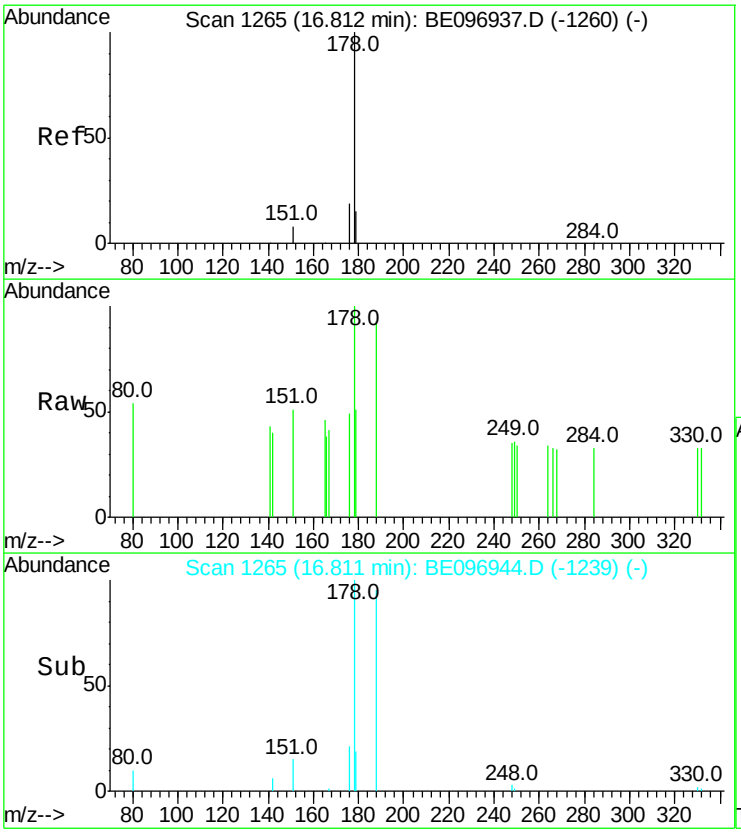
#22
Pentachlorophenol
Concen: Below Cal
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 16

Ion	Ratio	Lower	Upper
266	100		
264	94.2	72.5	108.7
268	98.1	73.8	110.6

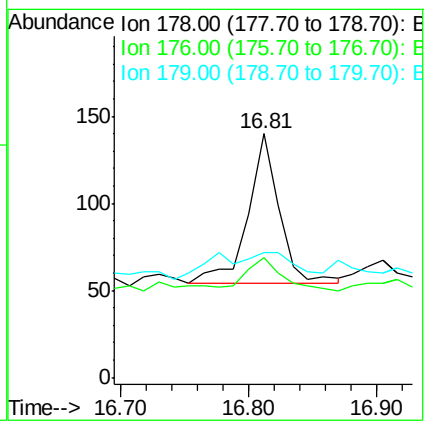


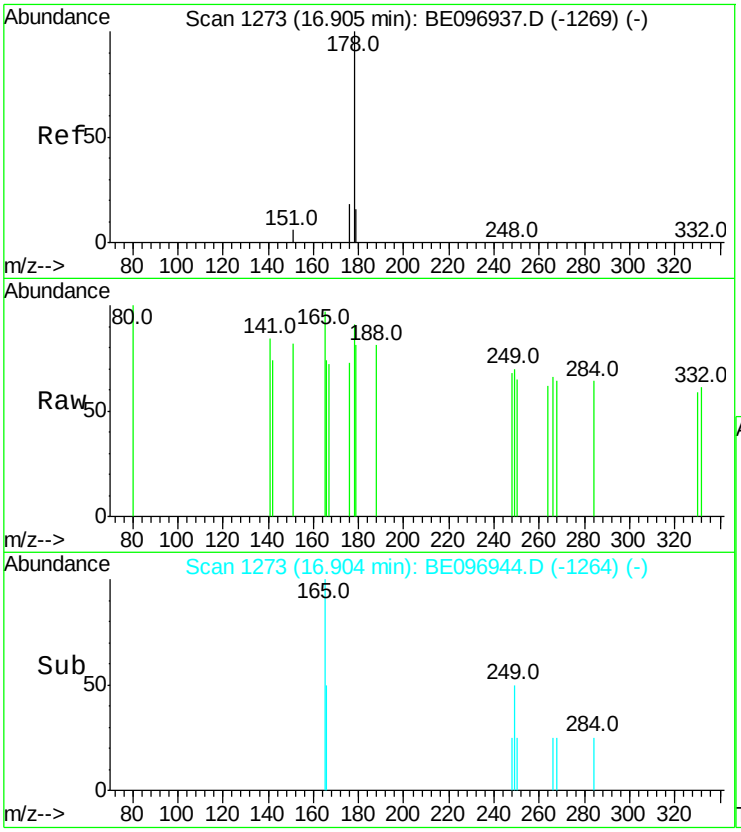


#23
Phenanthrene
Concen: 0.004 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:178 Resp: 148

Ion	Ratio	Lower	Upper
178	100		
176	24.3	15.1	22.7#
179	18.2	11.8	17.6#



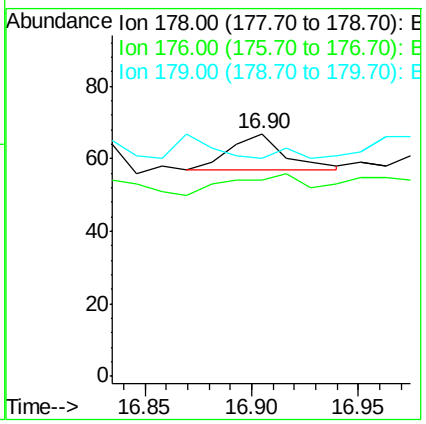


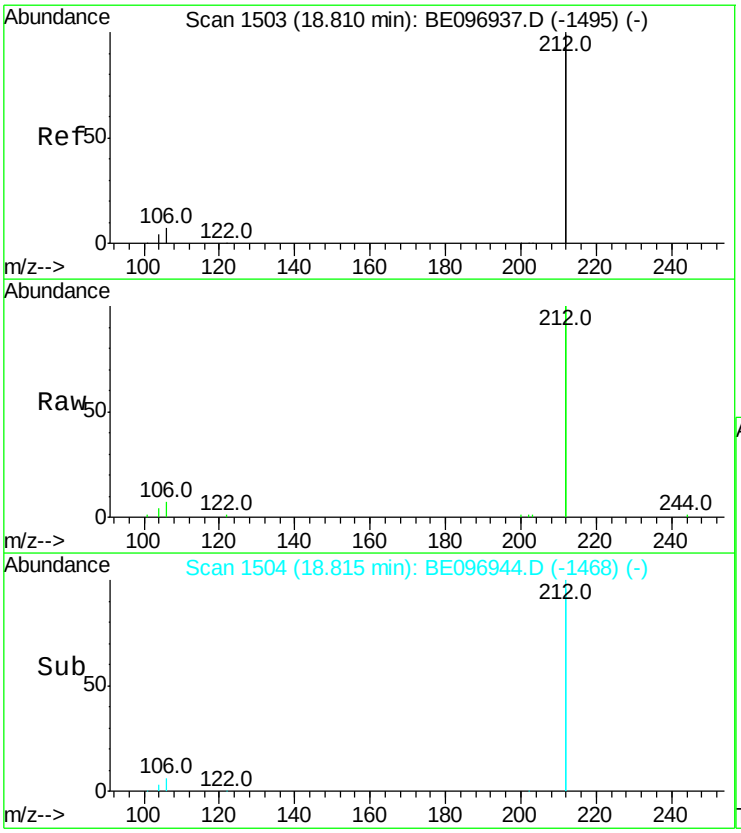
#24
Anthracene
Concen: 0.001 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 17

Ion	Ratio	Lower	Upper
178	100		
176	76.5	12.8	19.2#
179	11.8	13.0	19.6#

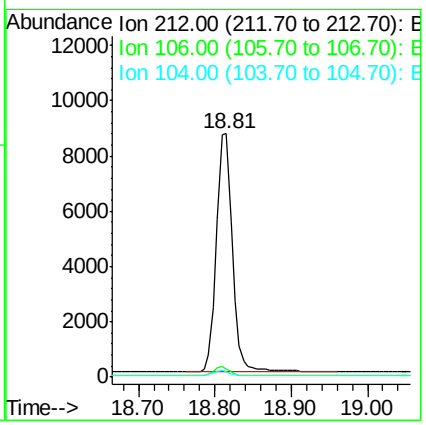


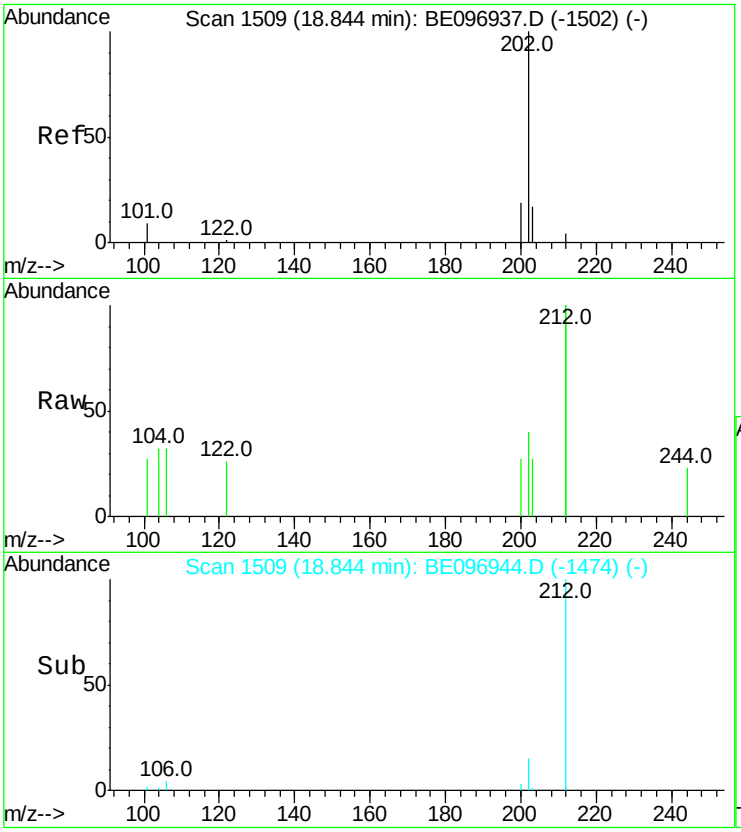


#25
Fluoranthene-d10
Concen: 0.097 ng
RT: 18.81 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:212 Resp: 12528

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4



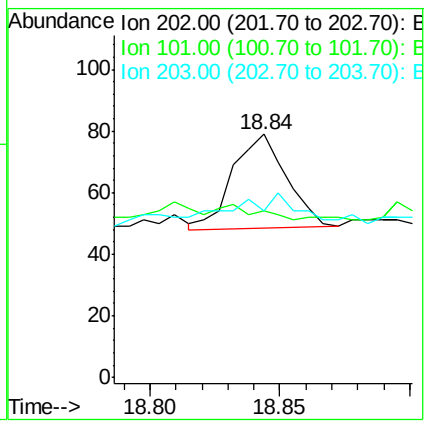


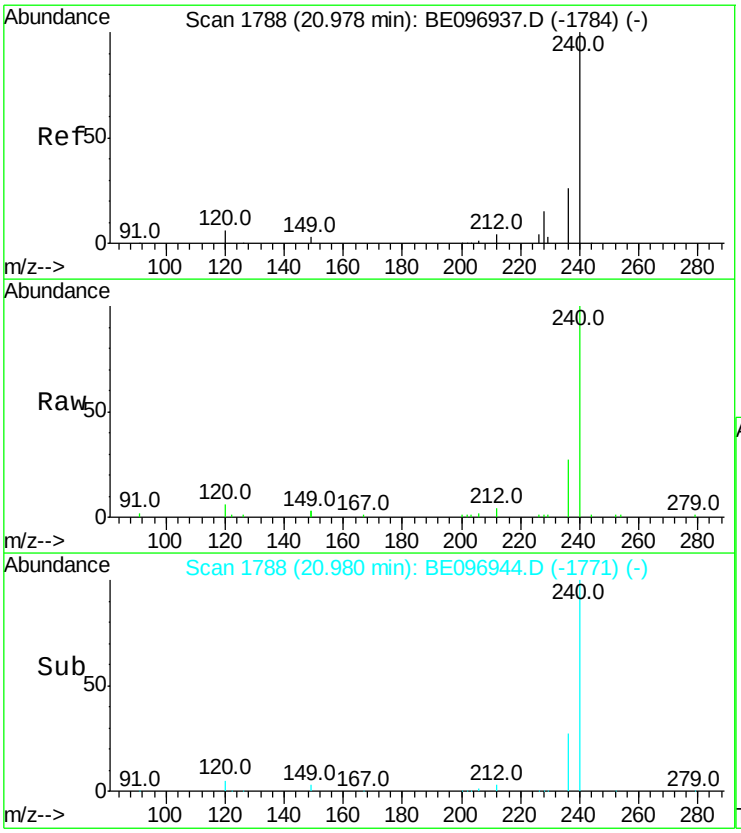
#26
Fluoranthene
Concen: 0.001 ng
RT: 18.84 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 44

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
203	11.4	13.7	20.5#

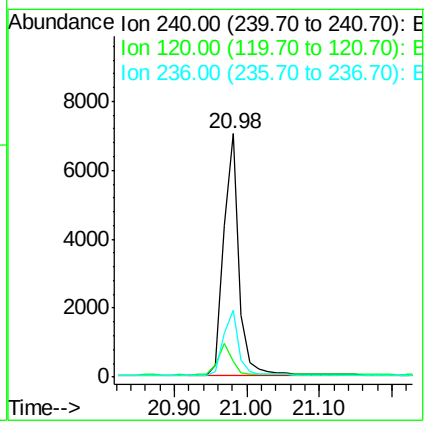


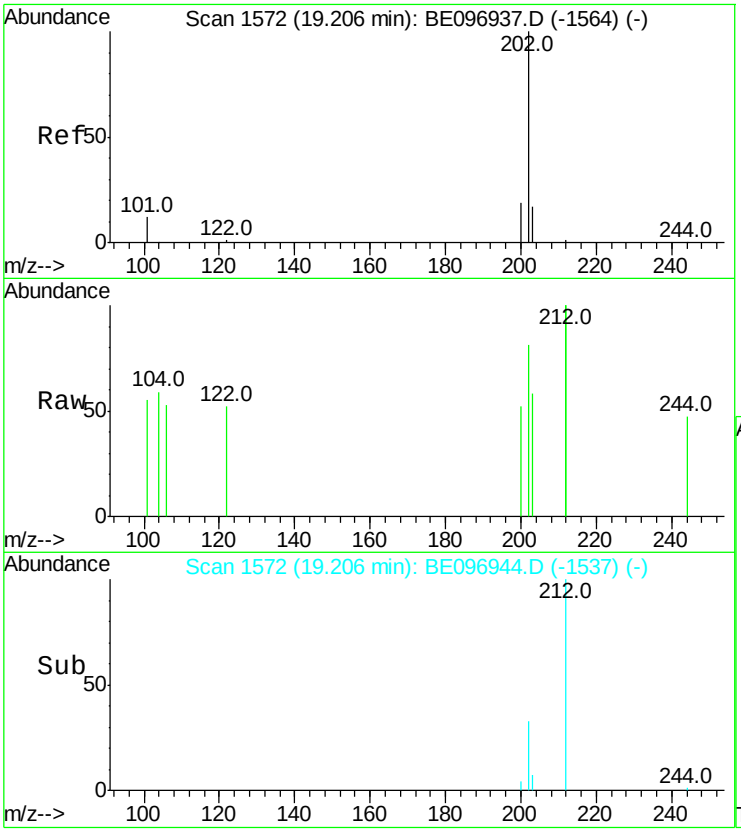


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:240 Resp: 10477

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.5	8.3
236	27.4	20.7	31.1



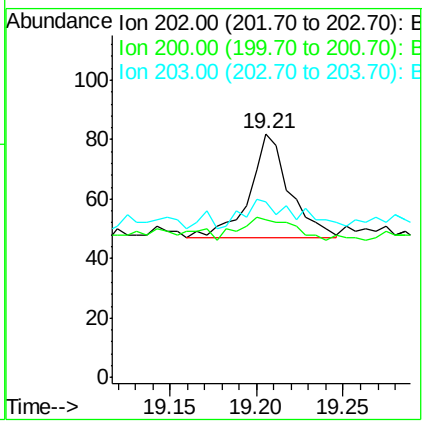


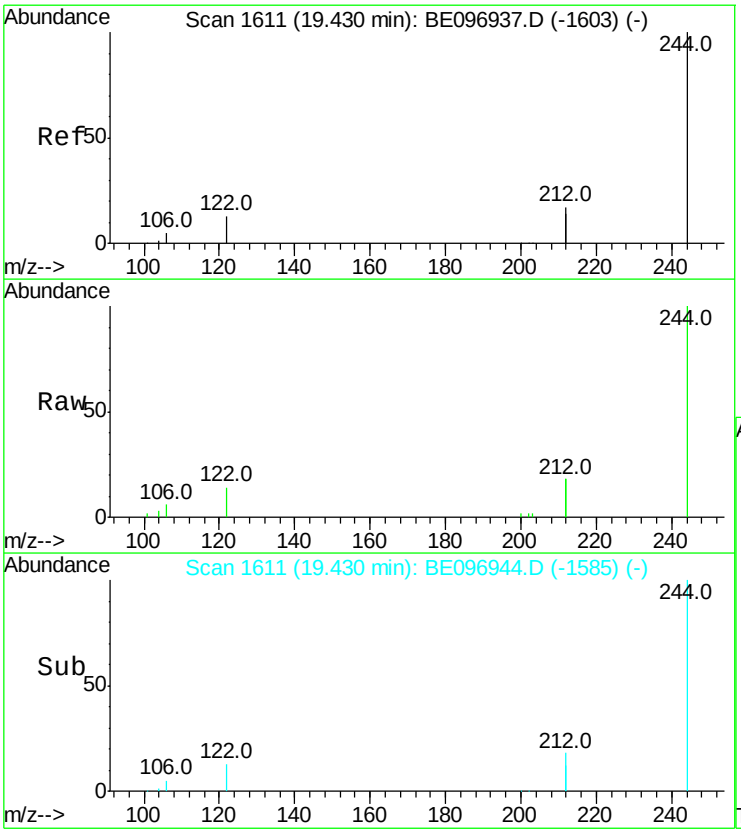
#28
Pyrene
Concen: 0.002 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 56

Ion	Ratio	Lower	Upper
202	100		
200	30.4	16.6	25.0#
203	37.5	13.8	20.8#

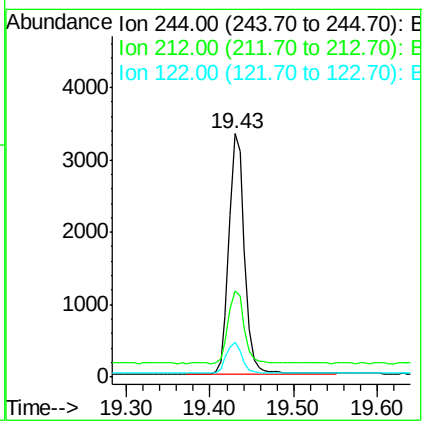


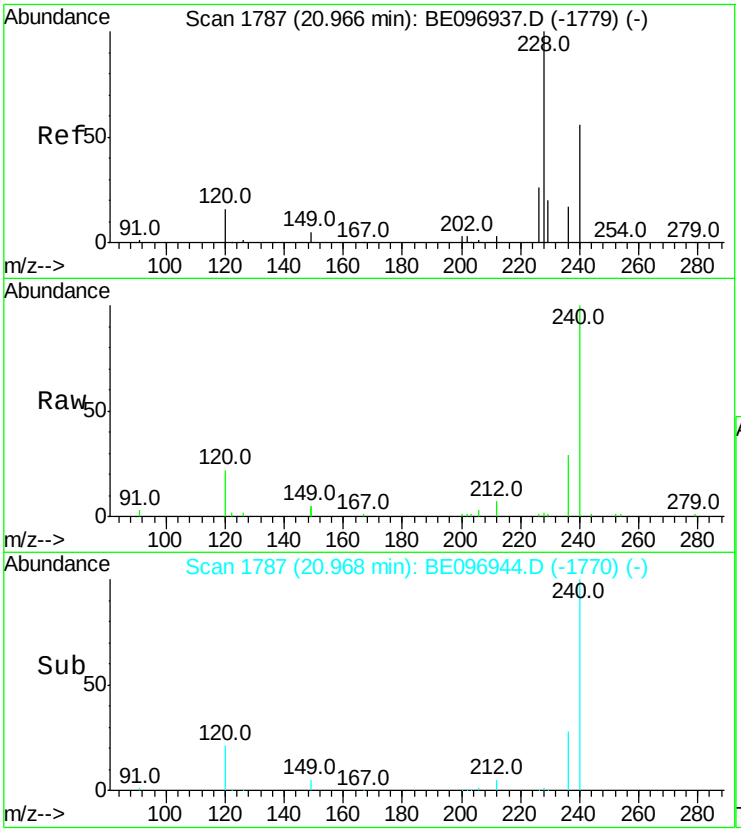


#29
Terphenyl-d14
Concen: 0.214 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:244 Resp: 4316

Ion	Ratio	Lower	Upper
244	100		
212	35.6	25.4	38.0
122	14.4	8.1	12.1#



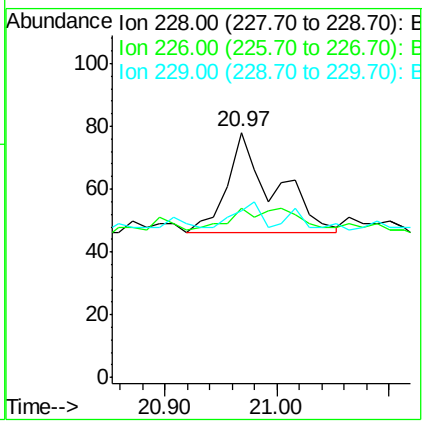


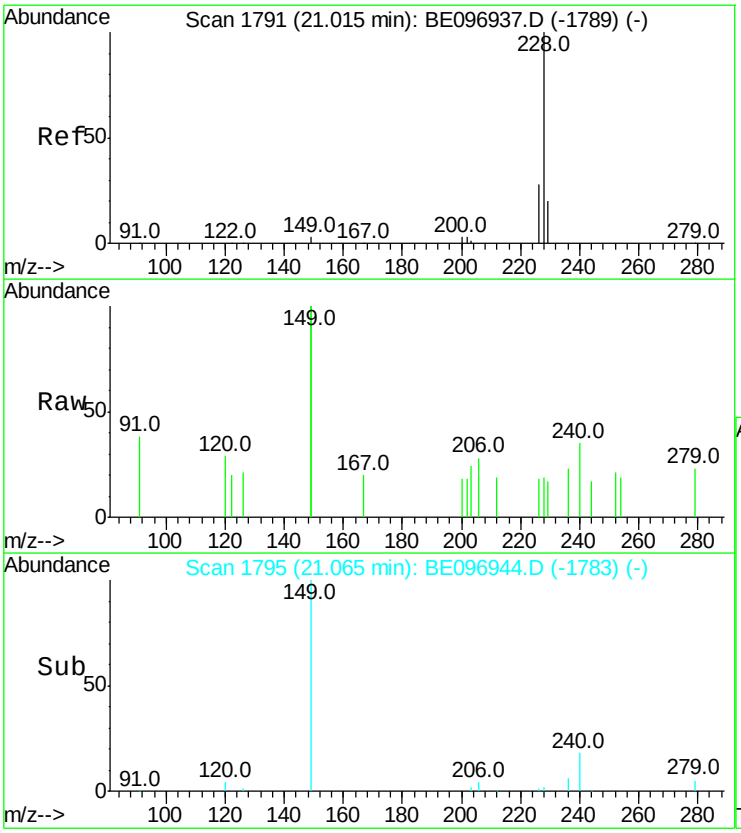
#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 94

Ion	Ratio	Lower	Upper
228	100		
226	69.2	24.0	36.0#
229	67.9	16.0	24.0#

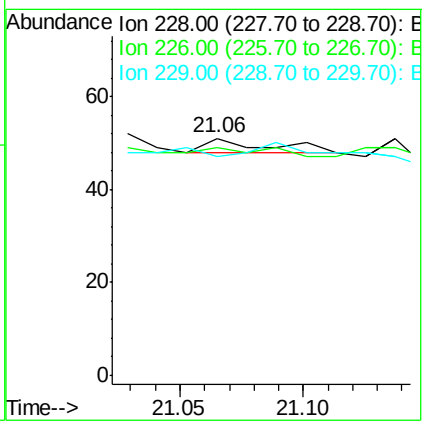


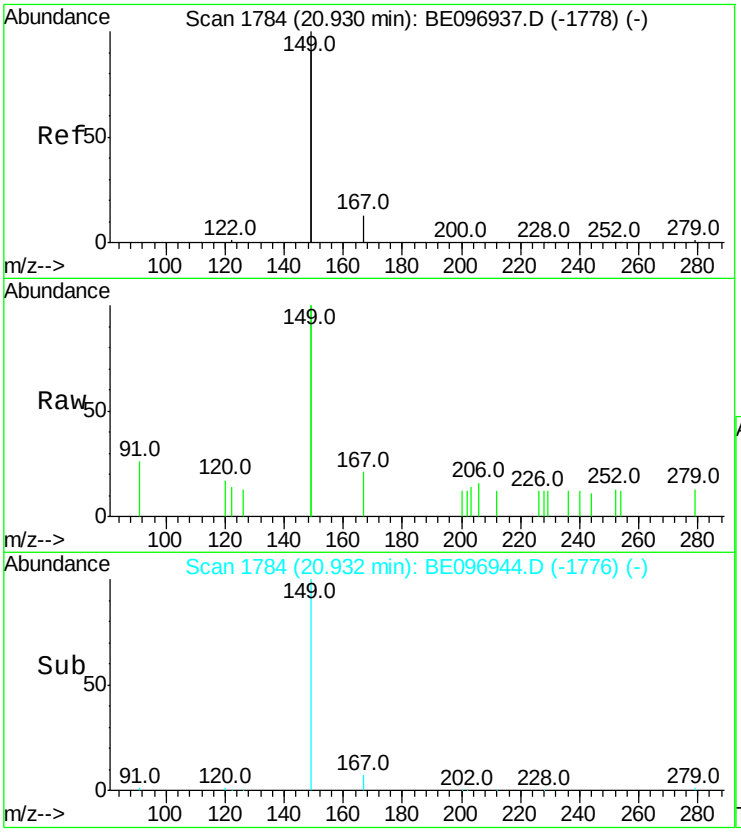


#31
Chrysene
Concen: 0.000 ng
RT: 21.06 min Scan# 1795
Delta R.T. 0.05 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:228 Resp: 5

Ion	Ratio	Lower	Upper
228	100		
226	96.1	24.0	36.0#
229	92.2	16.0	24.0#



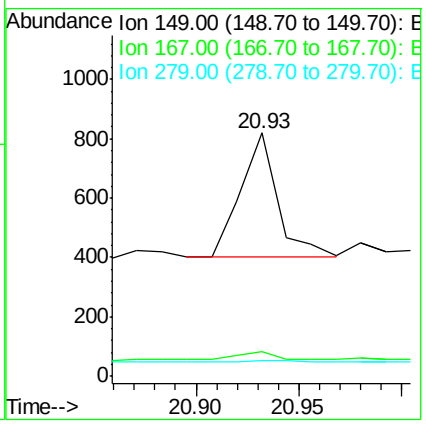


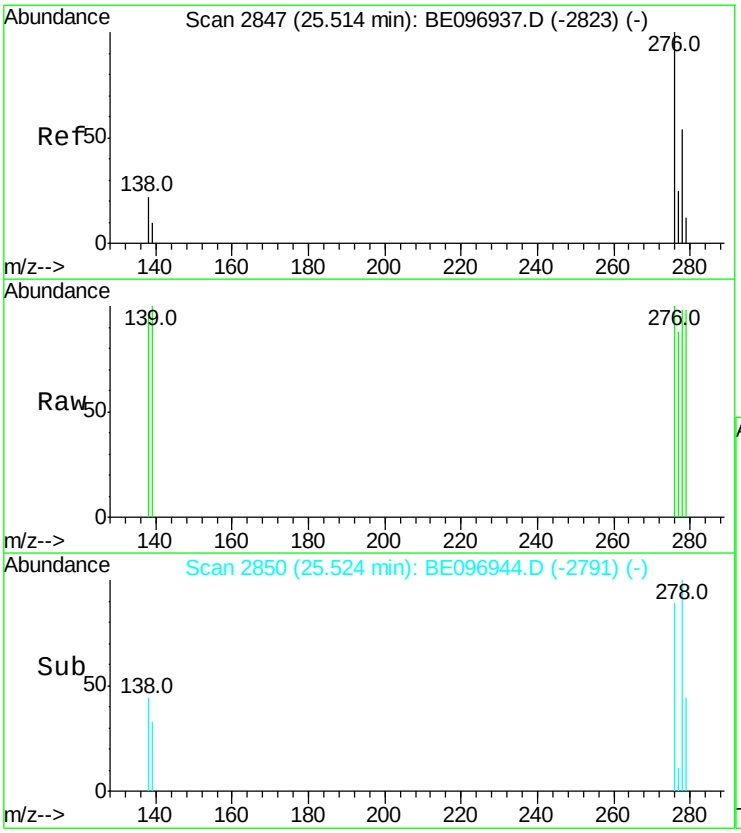
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 530

Ion	Ratio	Lower	Upper
149	100		
167	13.2	5.4	8.0#
279	2.1	0.7	1.1#

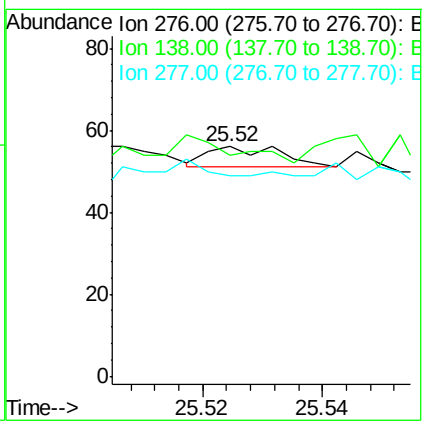


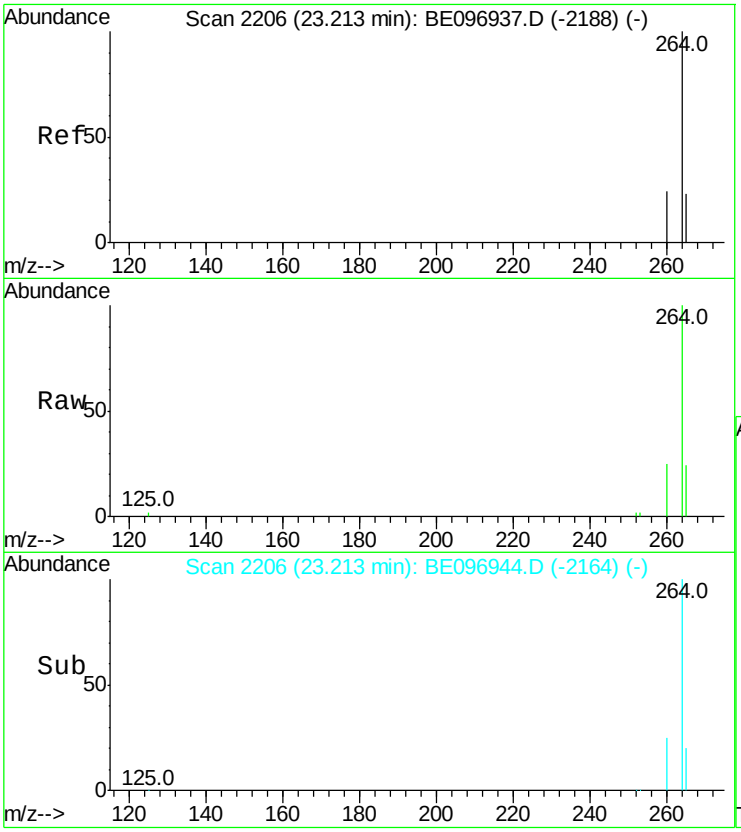


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.52 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
138	150.0	22.5	33.7#
277	150.0	19.9	29.9#



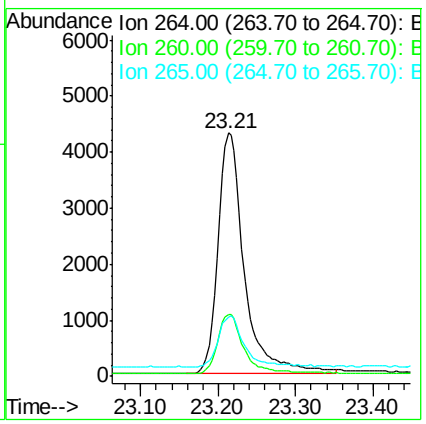


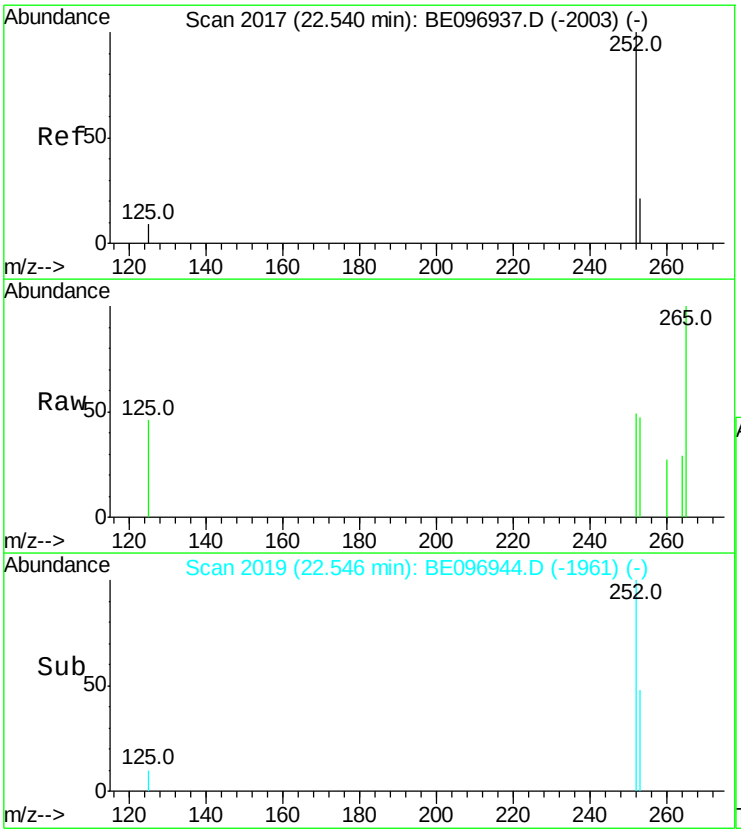
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 10162

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	24.2	22.8	34.2

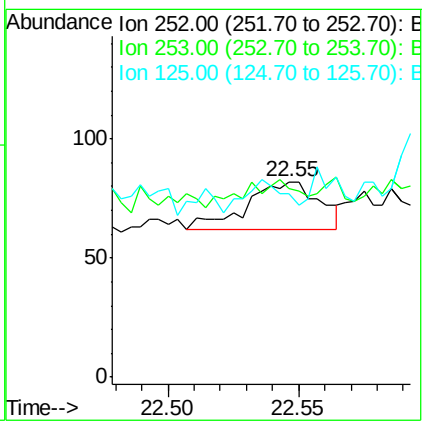


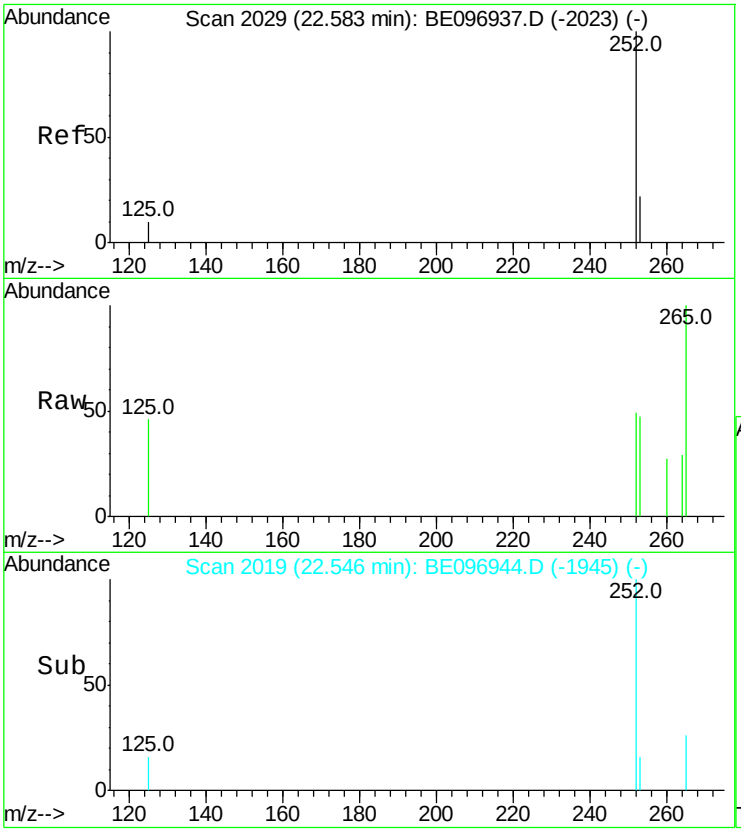


#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.55 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:252 Resp: 38

Ion	Ratio	Lower	Upper
252	100		
253	96.3	20.0	30.0#
125	93.9	16.0	24.0#



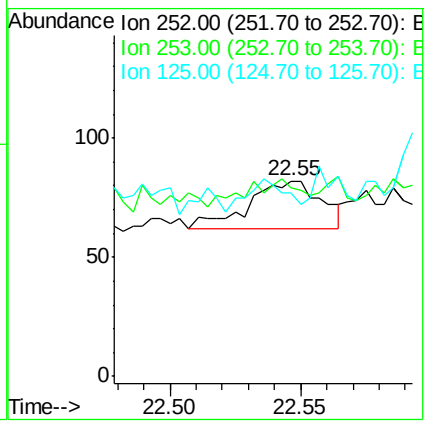


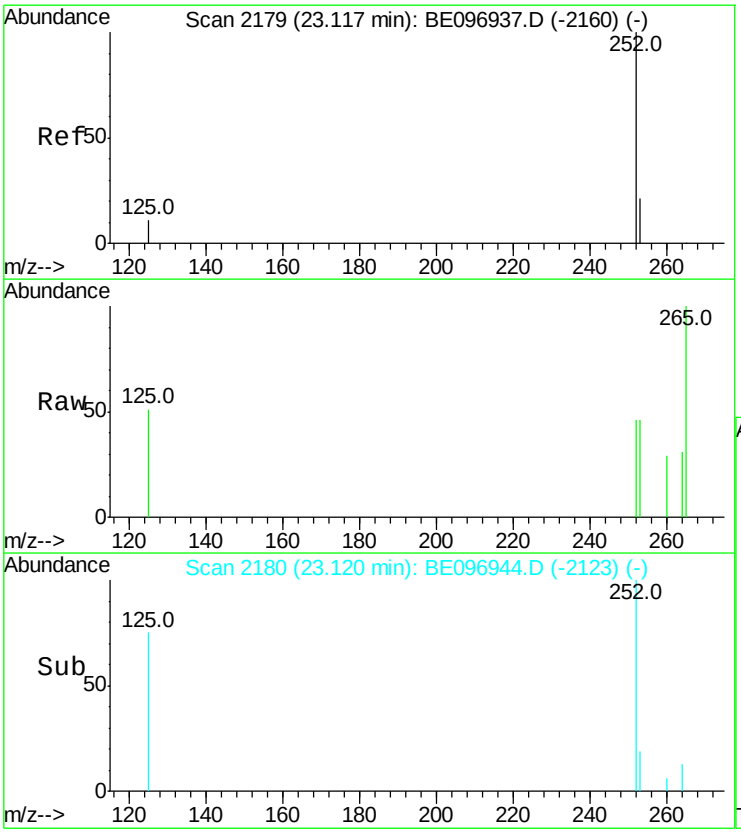
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.55 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38

Ion	Ratio	Lower	Upper
252	100		
253	96.3	16.0	24.0#
125	93.9	8.0	12.0#

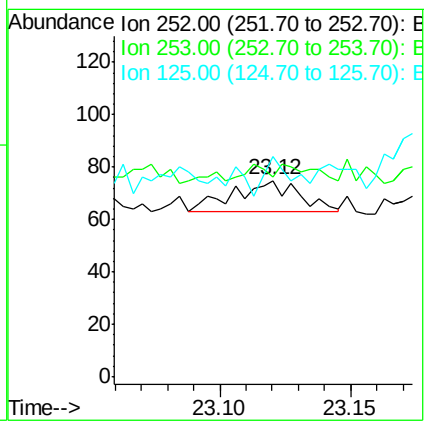


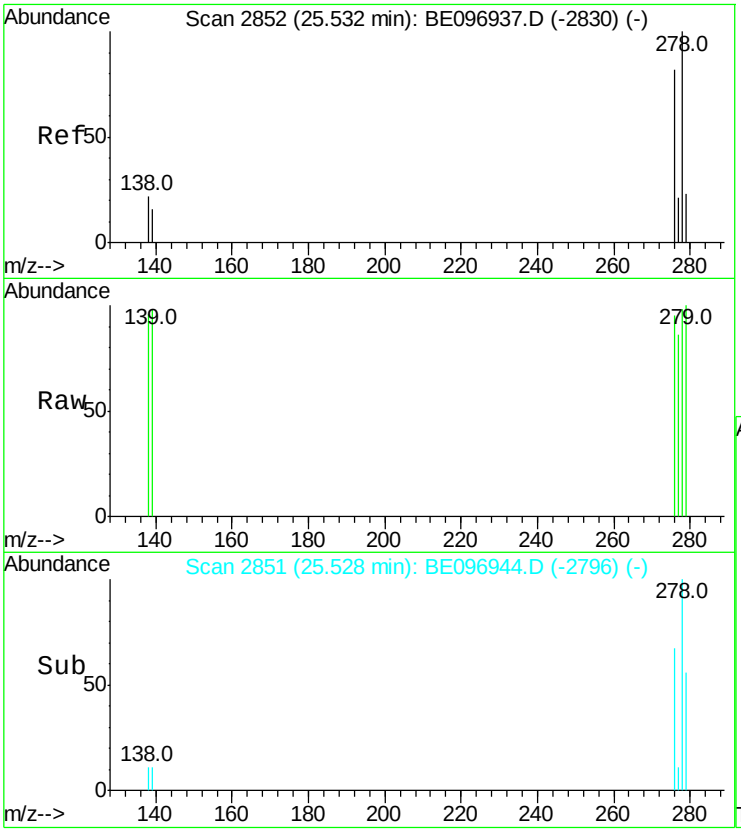


#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:252 Resp: 21

Ion	Ratio	Lower	Upper
252	100		
253	101.3	16.0	24.0#
125	112.0	12.0	18.0#



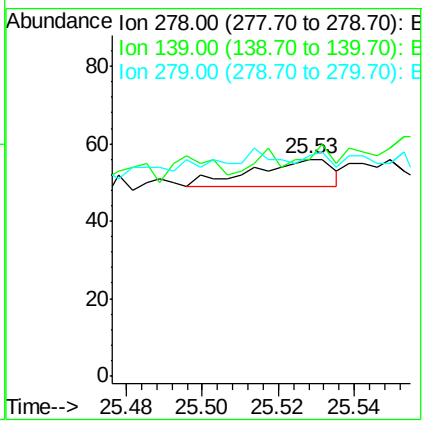


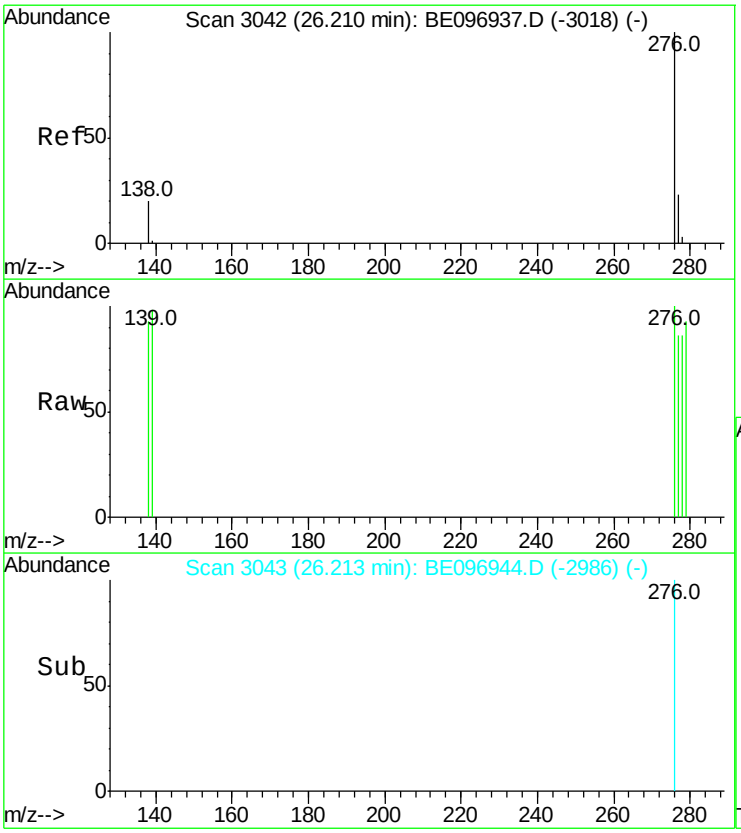
#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.53 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 10

Ion	Ratio	Lower	Upper
278	100		
139	100.0	16.0	24.0#
279	101.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.21 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BE096944.D
Acq: 16 Jul 2018 18:48

Tgt Ion:276 Resp: 20

Ion	Ratio	Lower	Upper
276	100		
277	85.7	16.0	24.0#
138	92.9	20.0	30.0#