Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096935.D
Acq On : 16 Jul 2018 12:22
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jul 17 16:40:40 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	2086	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	11307	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5991	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	14333	0.40	ng		0.00
27) Chrysene-d12	20.98	240	10865	0.40	ng		0.00
34) Perylene-d12	23.21	264	9908	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	529	0.11	ng		0.00
5) Phenol-d6	6.60	99	755	0.10	ng		0.00
8) Nitrobenzene-d5	8.53	82	776	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	1590	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	119	0.13	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	2200	0.10	ng		0.00
25) Fluoranthene-d10	18.81	212	11199	0.09	ng		0.00
29) Terphenyl-d14	19.43	244	2079	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	331	0.111	ng	#	85
3) n-Nitrosodimethylamine	3.38	42	330	0.098	ng	#	87
6) bis(2-Chloroethyl)ether	6.84	93	746	0.100	ng		90
9) Naphthalene	10.20	128	9978	0.099	ng		99
10) Hexachlorobutadiene	10.50	225	406	0.099	ng		97
12) 2-Methylnaphthalene	11.81	142	1660	0.097	ng		99
16) Acenaphthylene	13.74	152	2503	0.091	ng		98
17) Acenaphthene	14.08	154	1597	0.094	ng	#	90
18) Fluorene	15.07	166	1774	0.093	ng	#	80
20) 4-Bromophenyl-phenylether	15.98	248	667	0.098	ng	#	85
21) Hexachlorobenzene	16.09	284	740	0.098	ng	#	80
22) Pentachlorophenol	16.44	266	98	0.088	ng		90
23) Phenanthrene	16.81	178	3295	0.096	ng		96
24) Anthracene	16.90	178	2750	0.092	ng		97
26) Fluoranthene	18.84	202	3139	0.087	ng		99
28) Pyrene	19.21	202	3307	0.103	ng		98
30) Benzo(a)anthracene	20.97	228	2367	0.091	ng		98
31) Chrysene	21.01	228	2890	0.100	ng		96
32) Bis(2-ethylhexyl)phthalate	20.93	149	2814	0.109	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	1533	0.073	ng		94
35) Benzo(b)fluoranthene	22.54	252	2190	0.087	ng	#	93
36) Benzo(k)fluoranthene	22.59	252	2630	0.087	ng	#	87
37) Benzo(a)pyrene	23.11	252	1914	0.168	ng	#	84
38) Dibenzo(a,h)anthracene	25.53	278	1411	0.175	ng	#	80
39) Benzo(g,h,i)perylene	26.21	276	1785	0.087	ng	#	82

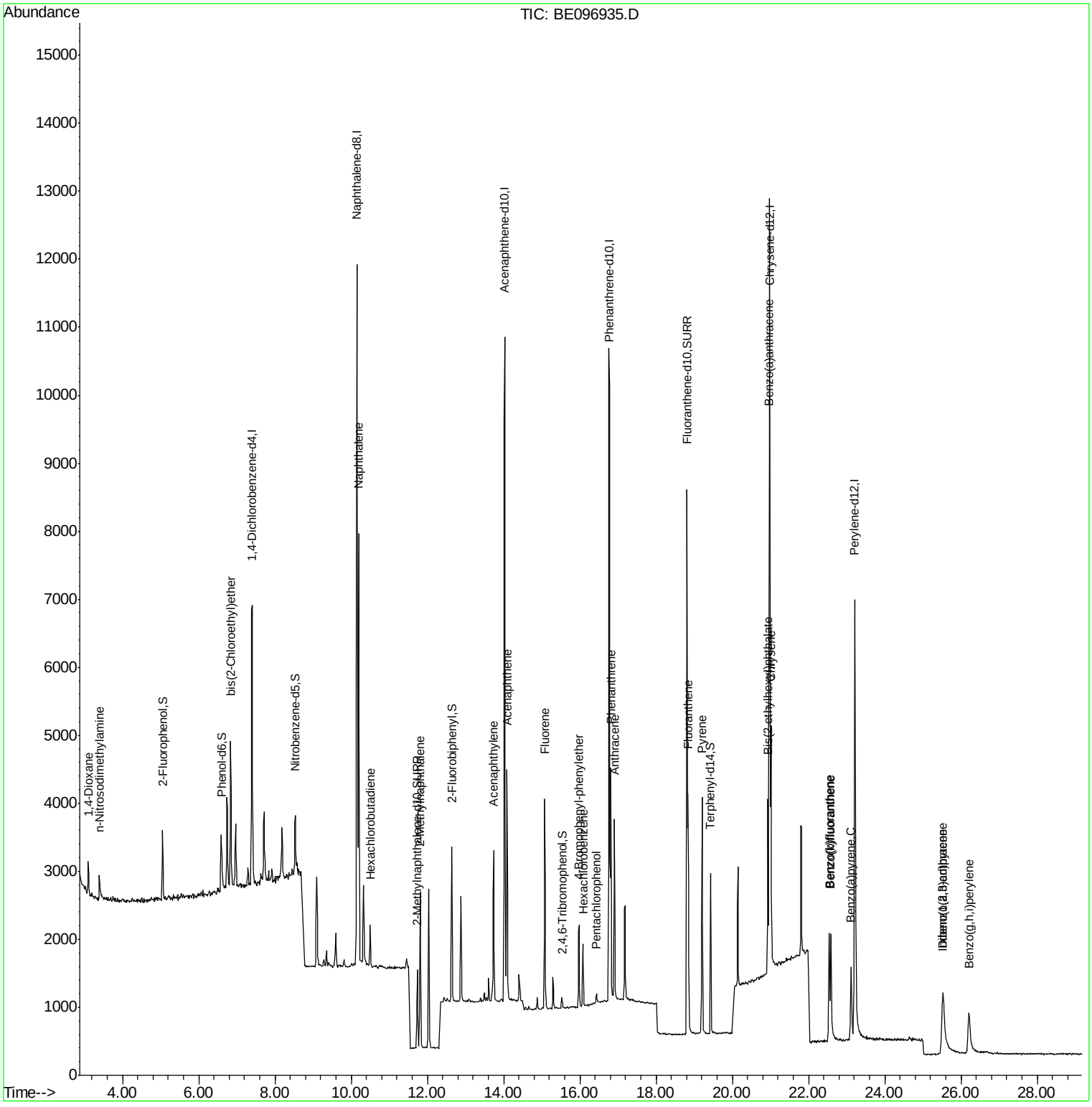
(#) = qualifier out of range (m) = manual integration (+) = signals summed

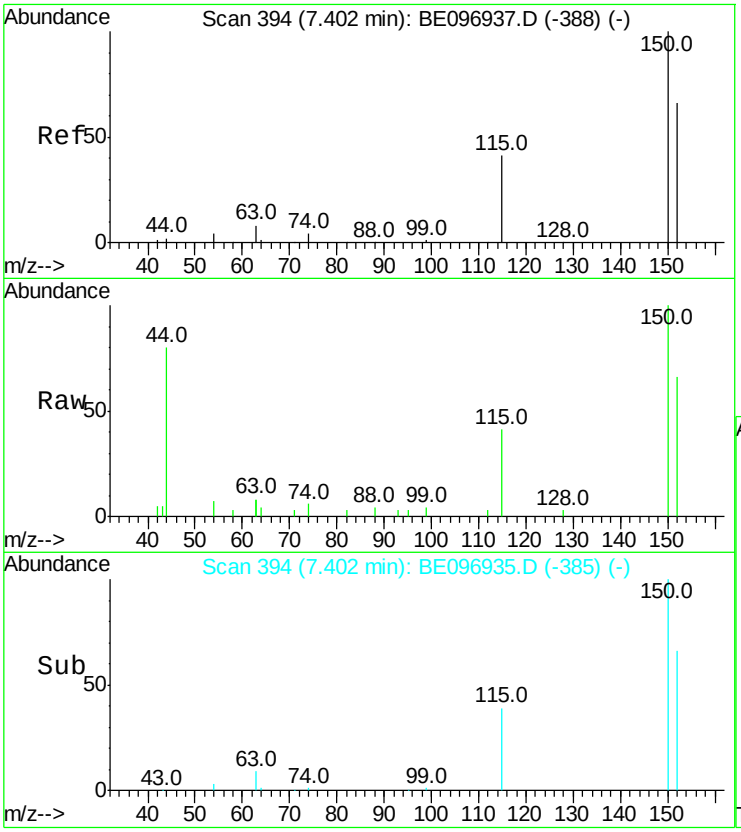
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096935.D
Acq On : 16 Jul 2018 12:22
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 17 16:40:40 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



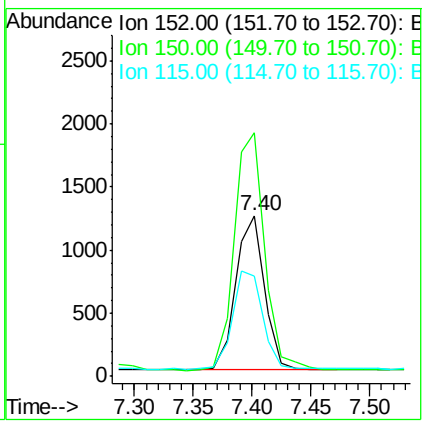


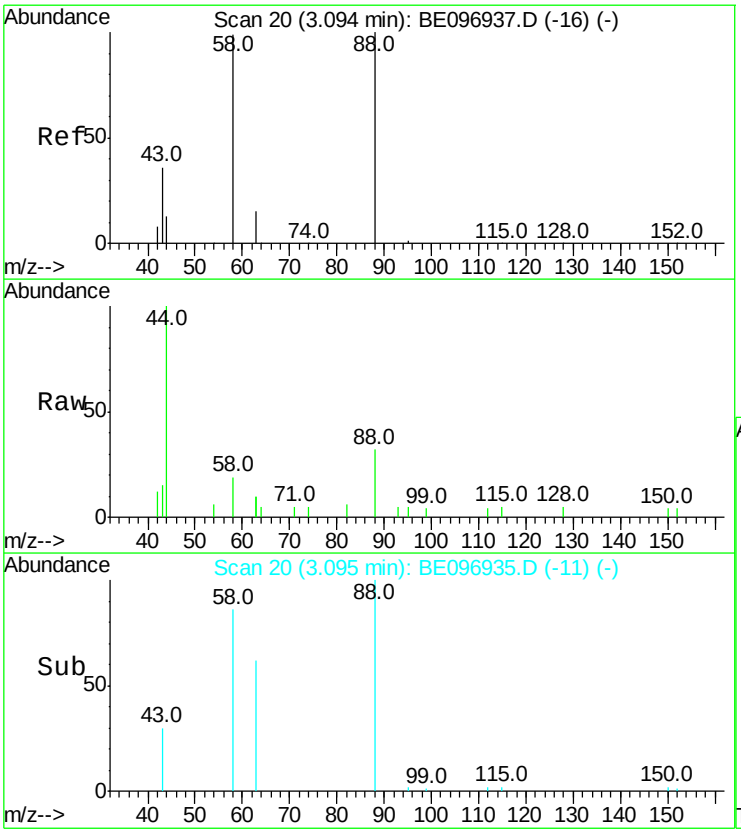
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2086

Ion	Ratio	Lower	Upper
152	100		
150	151.2	117.2	175.8
115	62.3	57.0	85.6

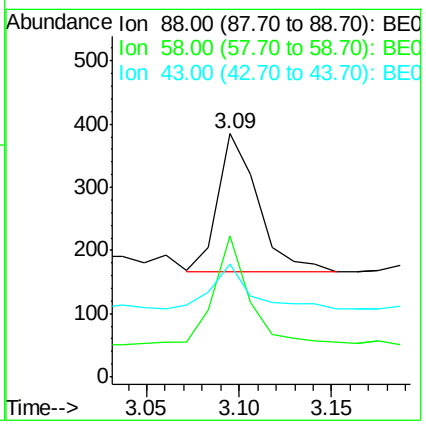


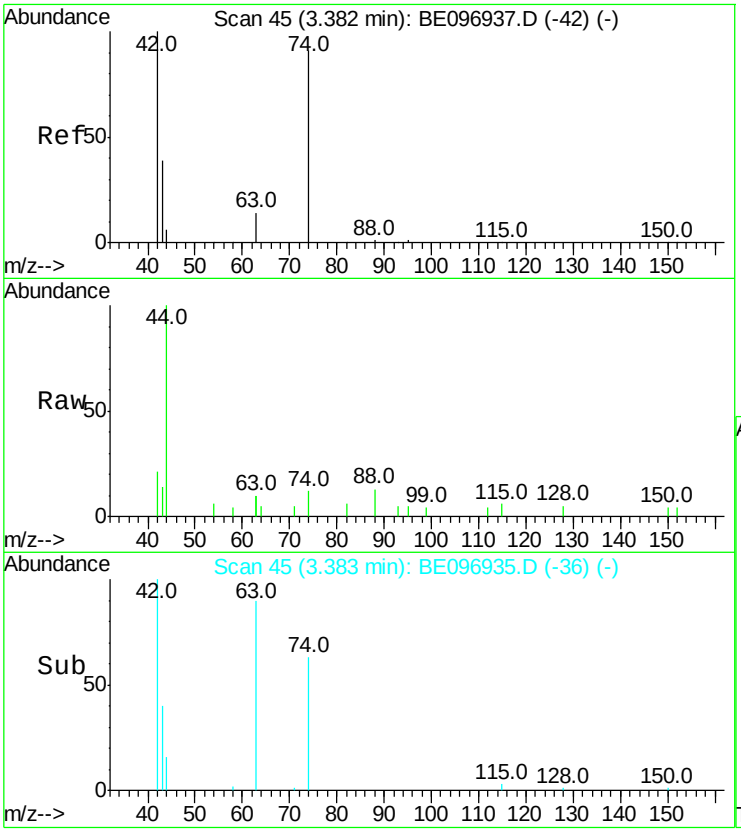


#2
1,4-Dioxane
Concen: 0.111 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion: 88 Resp: 331

Ion	Ratio	Lower	Upper
88	100		
58	72.5	63.2	94.8
43	32.0	41.2	61.8#



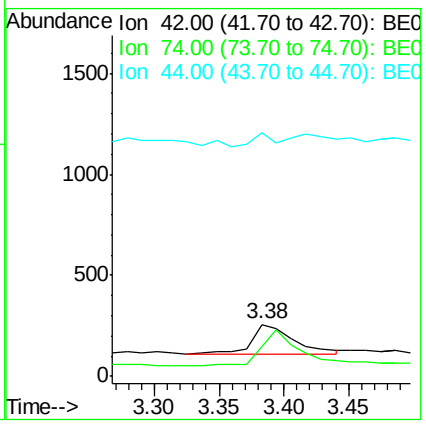


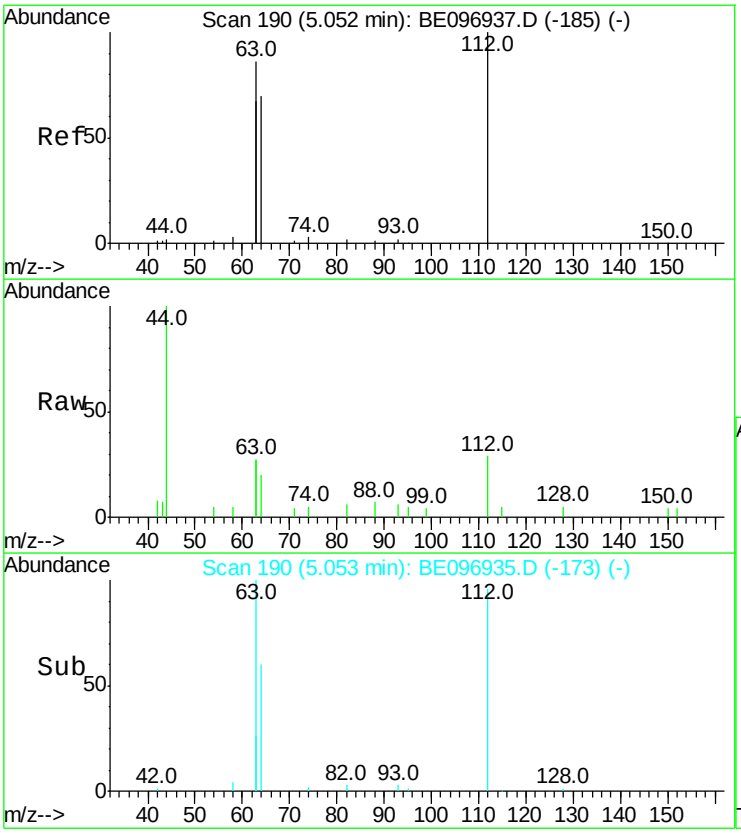
#3
n-Nitrosodimethylamine
Concen: 0.098 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 330

Ion	Ratio	Lower	Upper
42	100		
74	105.8	96.0	144.0
44	21.5	12.0	18.0#

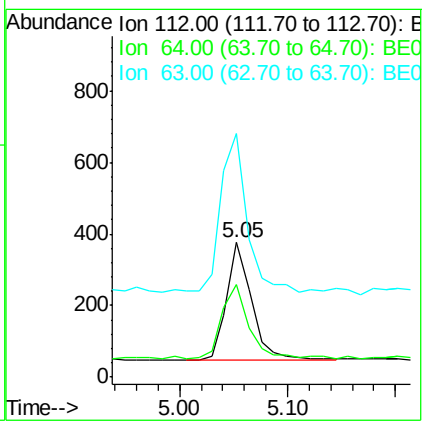


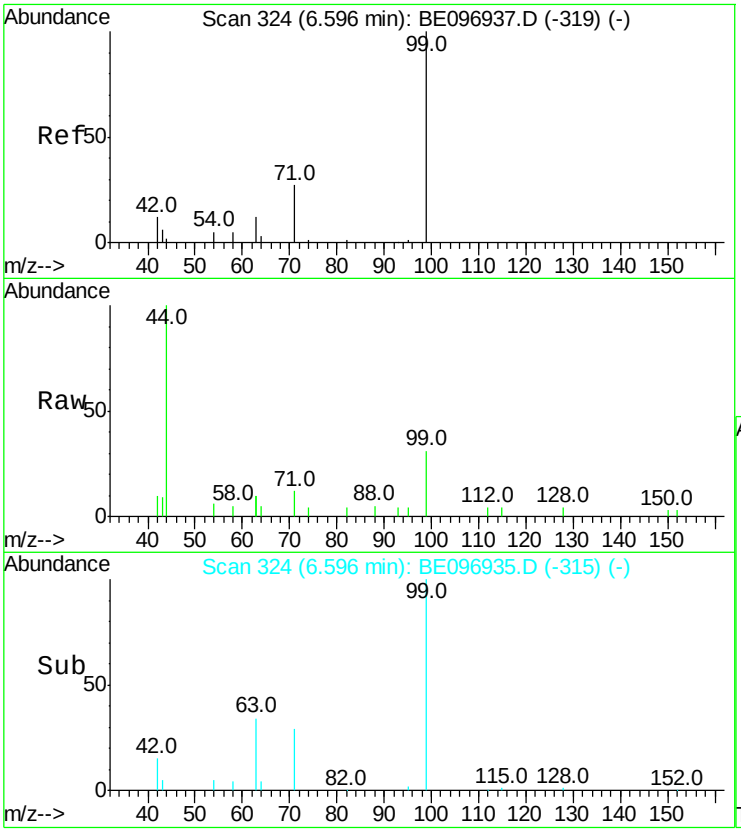


#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:112 Resp: 529

Ion	Ratio	Lower	Upper
112	100		
64	67.1	60.1	90.1
63	141.6	116.8	175.2



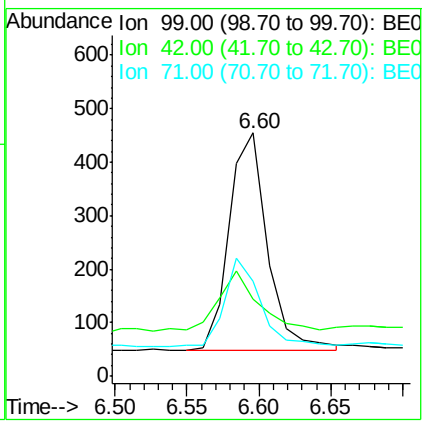


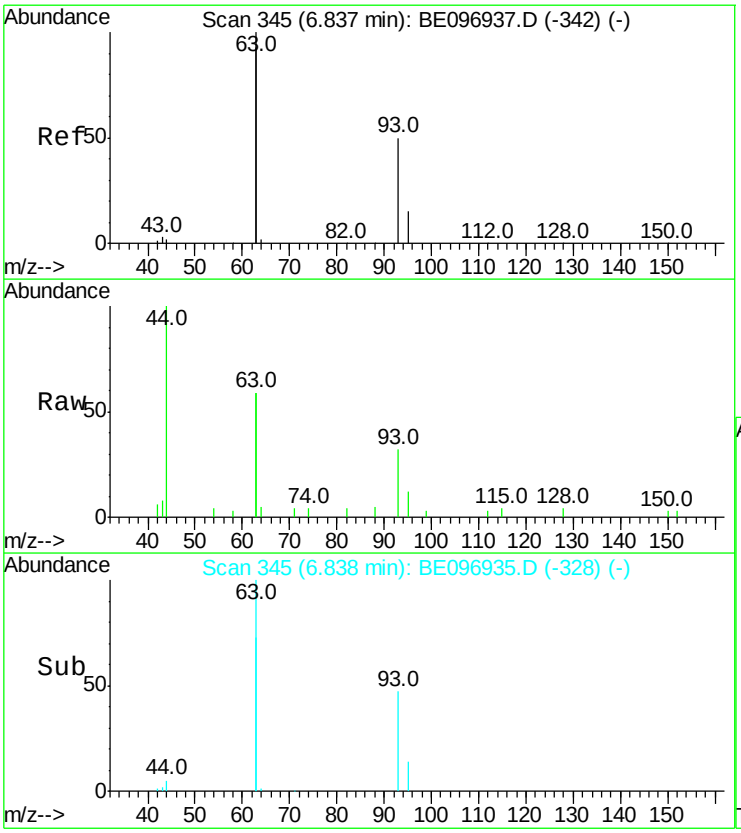
#5
Phenol-d6
Concen: 0.099 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 755

Ion	Ratio	Lower	Upper
99	100		
42	28.6	20.2	30.2
71	37.2	28.4	42.6

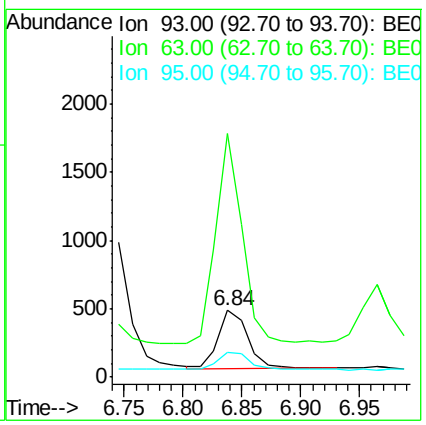


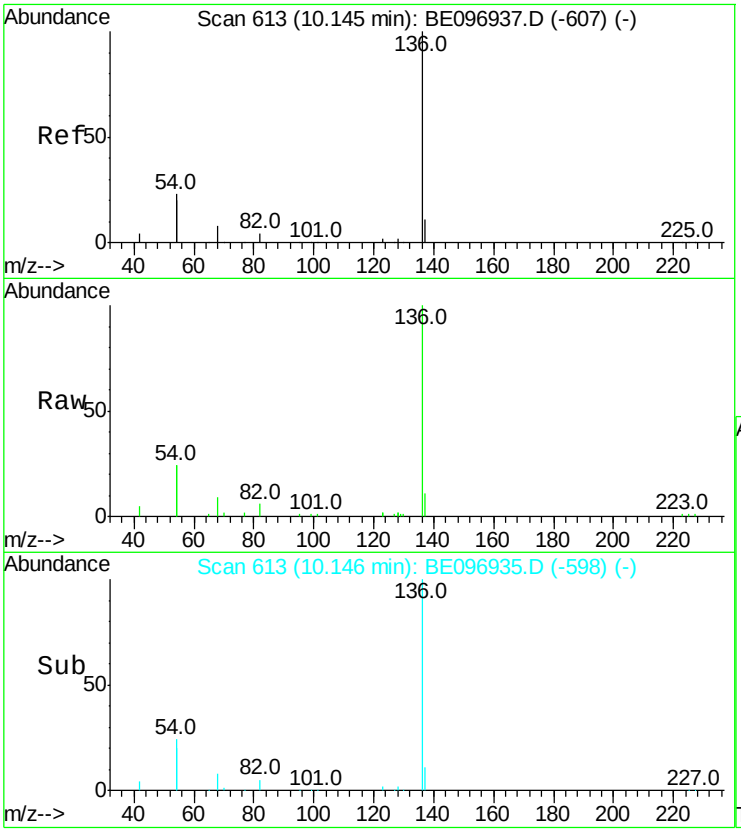


#6
bis(2-Chloroethyl)ether
Concen: 0.100 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion: 93 Resp: 746

Ion	Ratio	Lower	Upper
93	100		
63	322.0	275.3	412.9
95	32.3	25.2	37.8



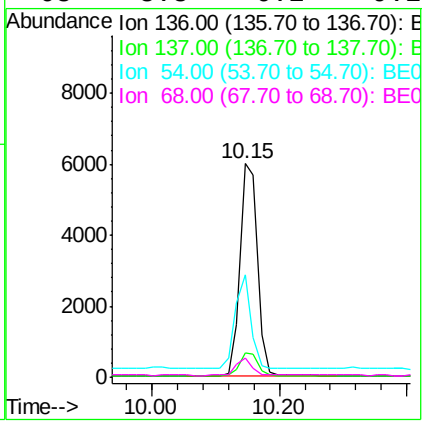


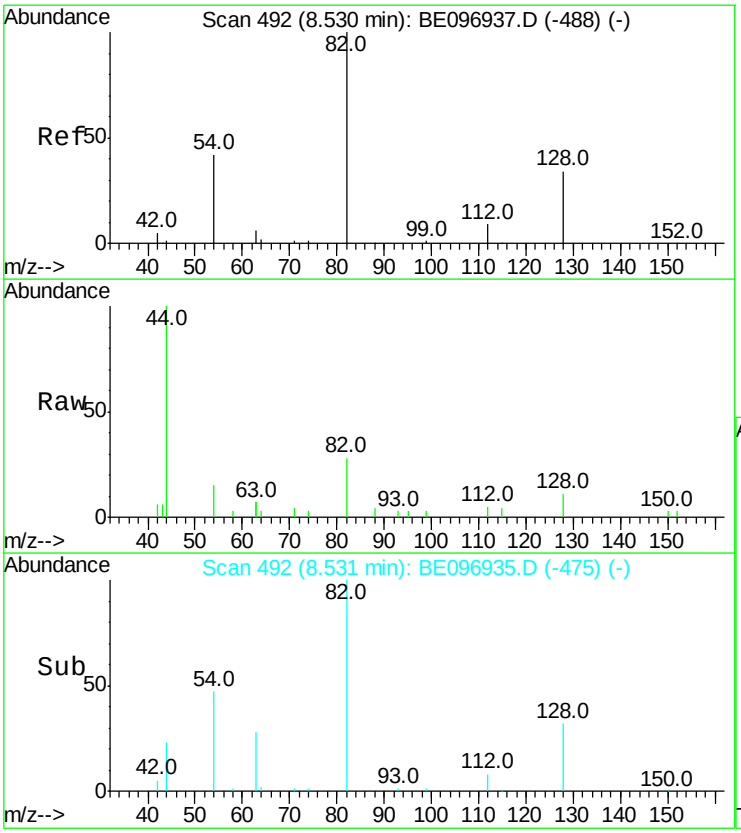
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 11307

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	48.0	29.1	43.7#
68	8.8	6.2	9.2

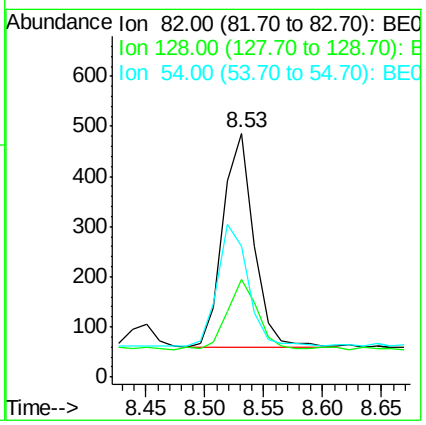


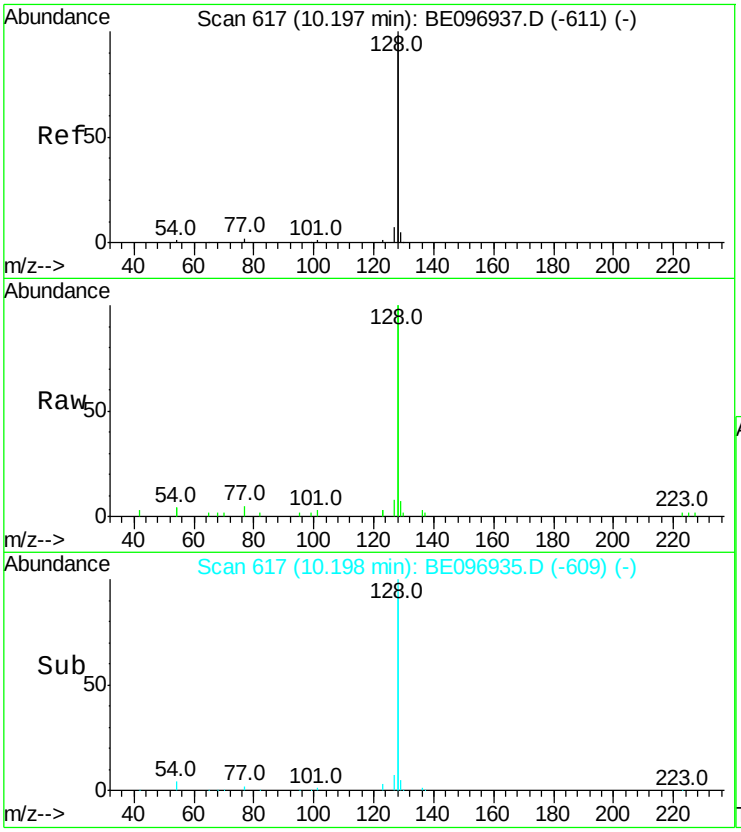


#8
Nitrobenzene-d5
Concen: 0.094 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion: 82 Resp: 776

Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.0	36.0#
54	53.5	40.0	60.0



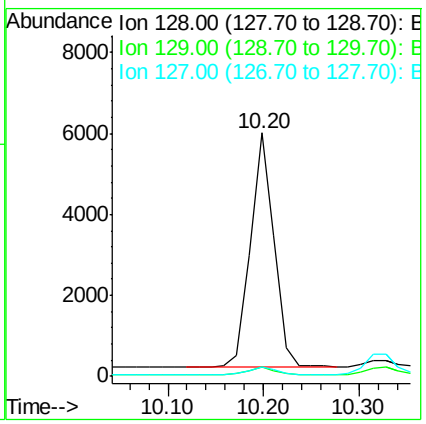


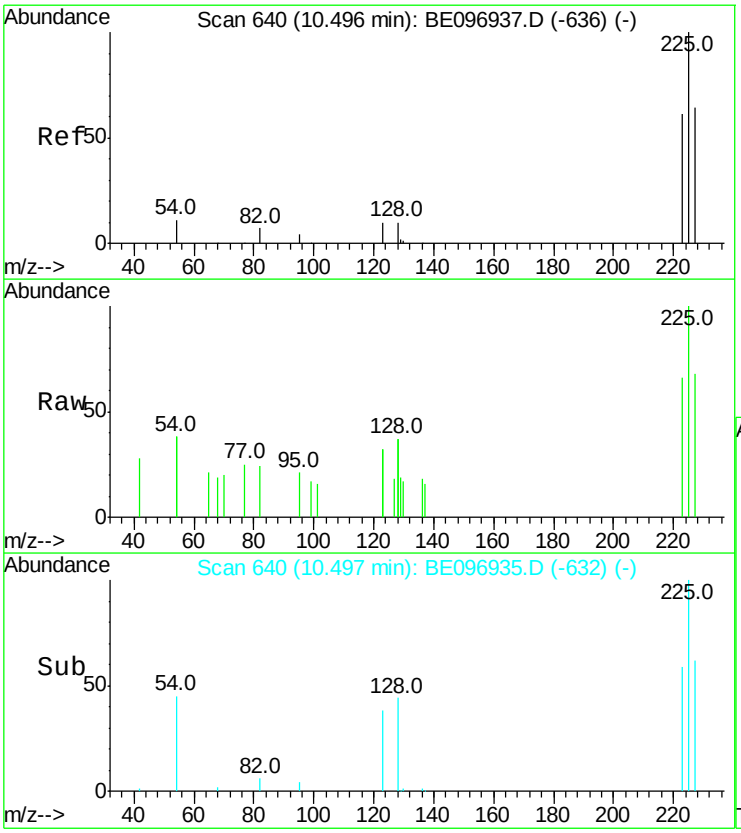
#9
Naphthalene
Concen: 0.099 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 9978

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	3.8
127	4.1	2.8	4.2

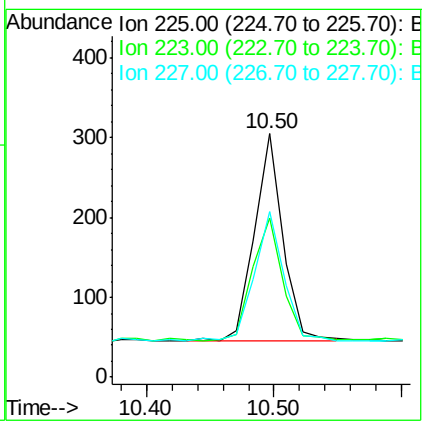


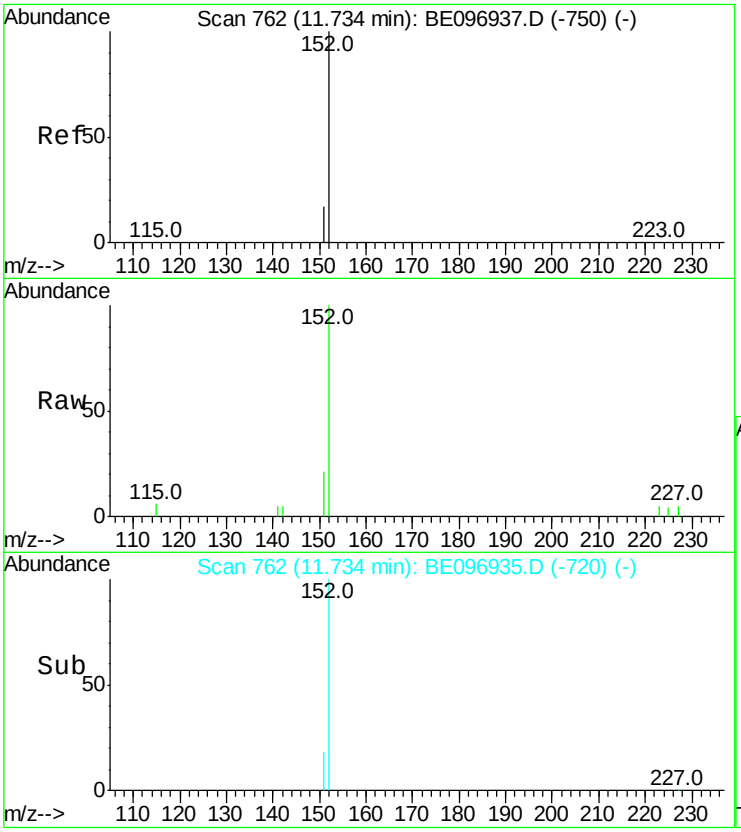


#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:225 Resp: 406

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	62.6	51.4	77.2



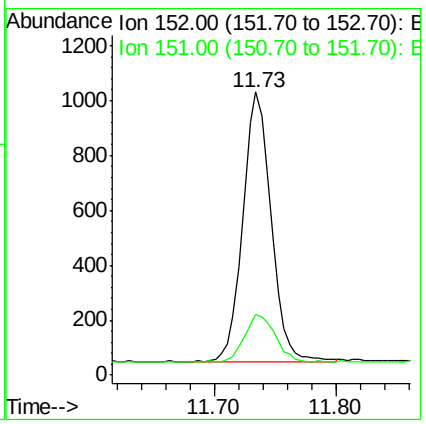


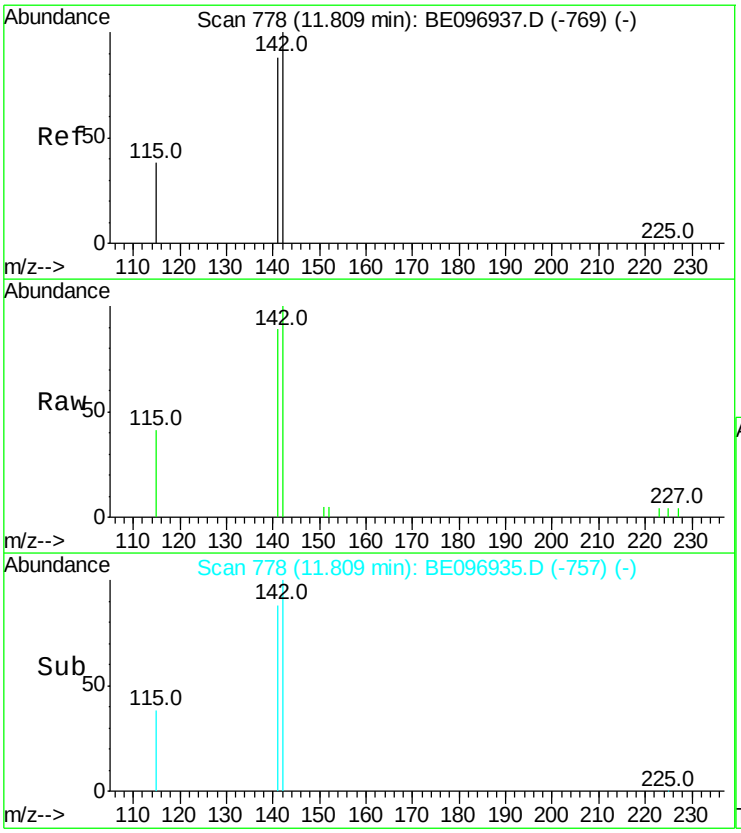
#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1590

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

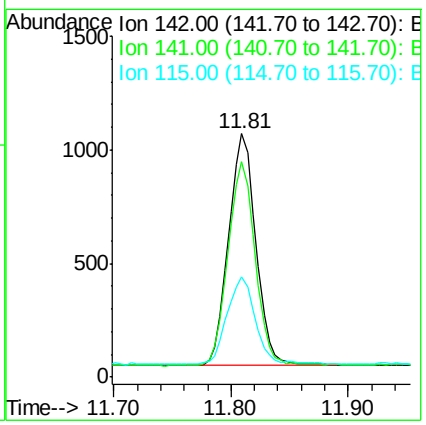


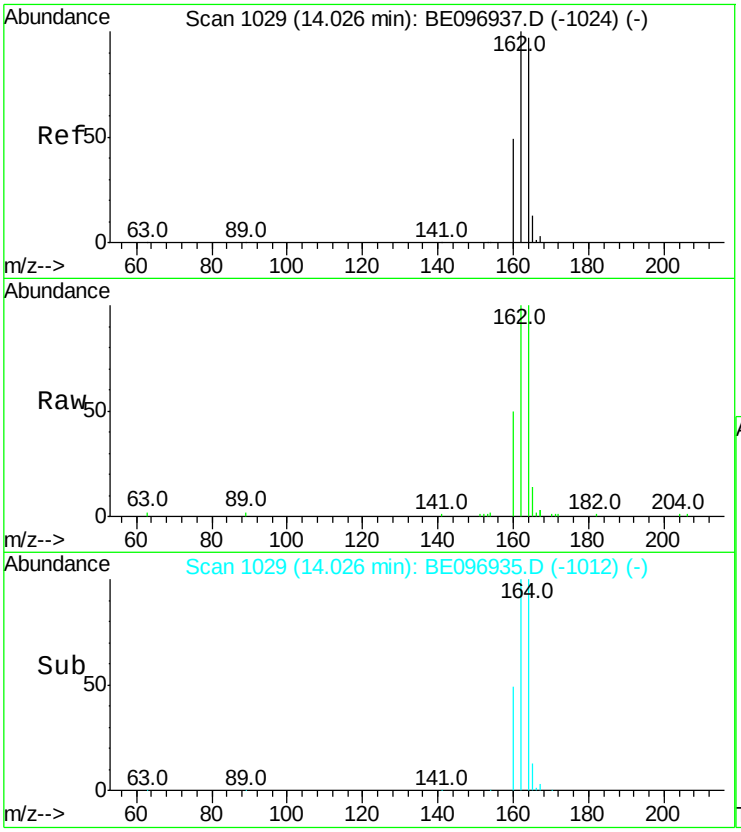


#12
2-Methylnaphthalene
Concen: 0.097 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:142 Resp: 1660

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	41.3	31.7	47.5



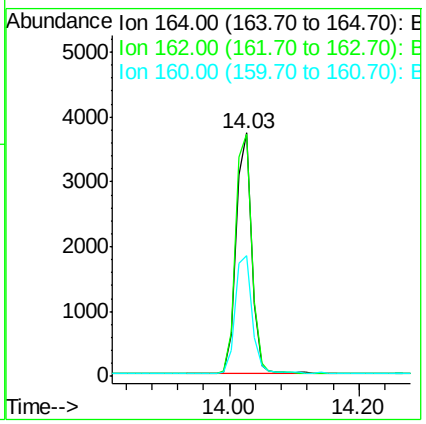


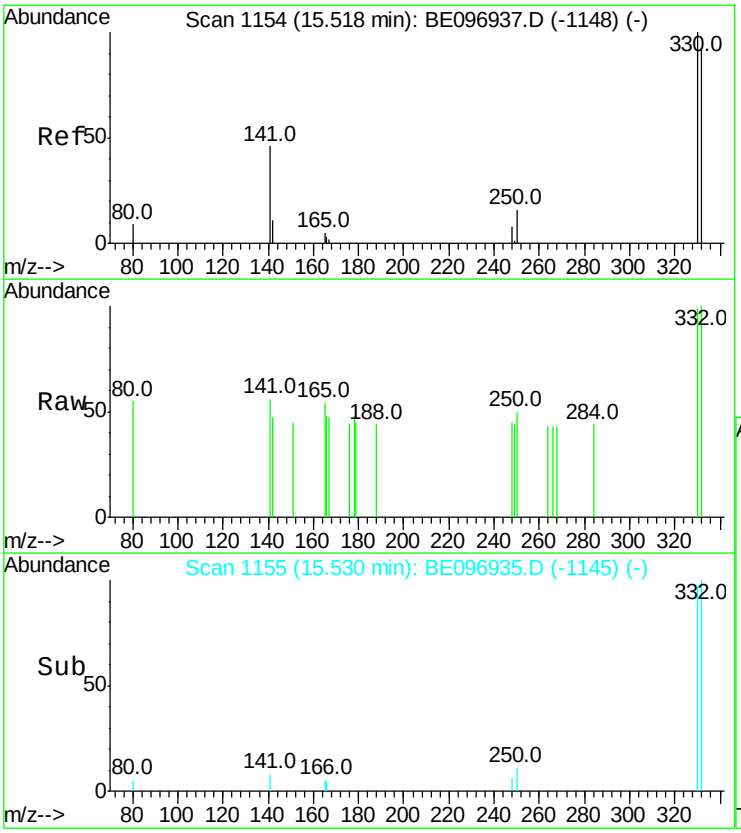
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 5991

Ion	Ratio	Lower	Upper
164	100		
162	99.8	83.1	124.7
160	49.8	37.1	55.7

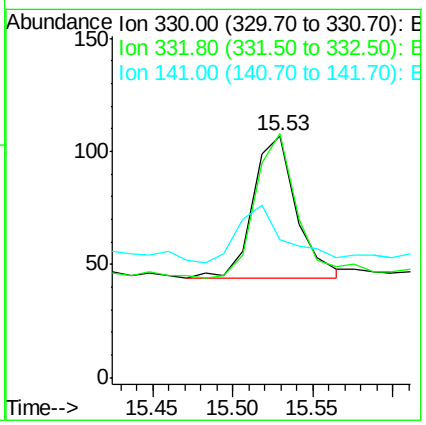


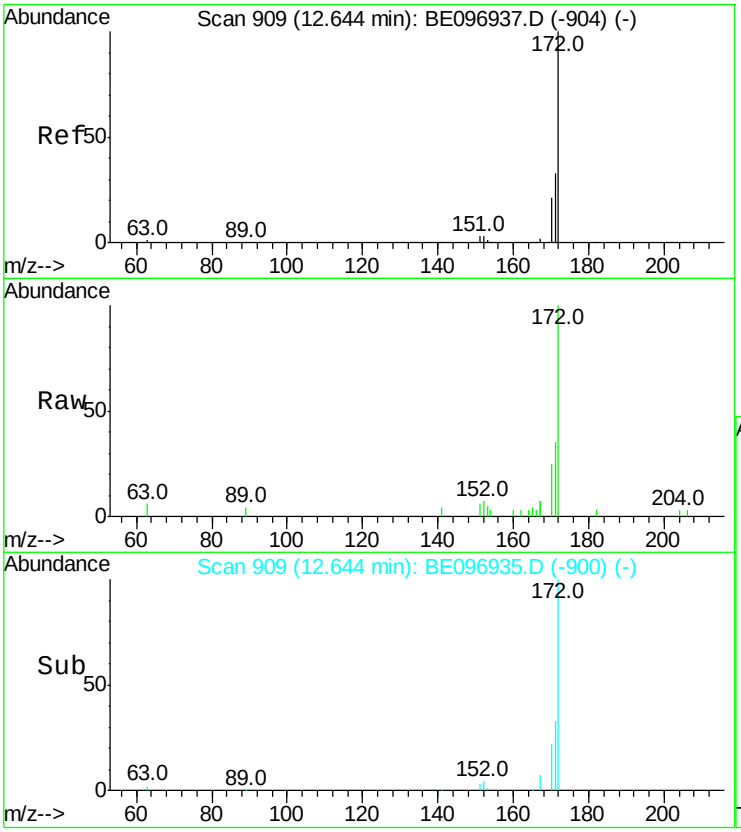


#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:330 Resp: 119

Ion	Ratio	Lower	Upper
330	100		
332	96.6	152.7	229.1#
141	42.9	33.7	50.5



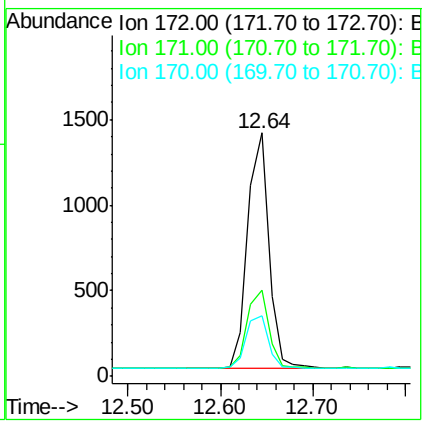


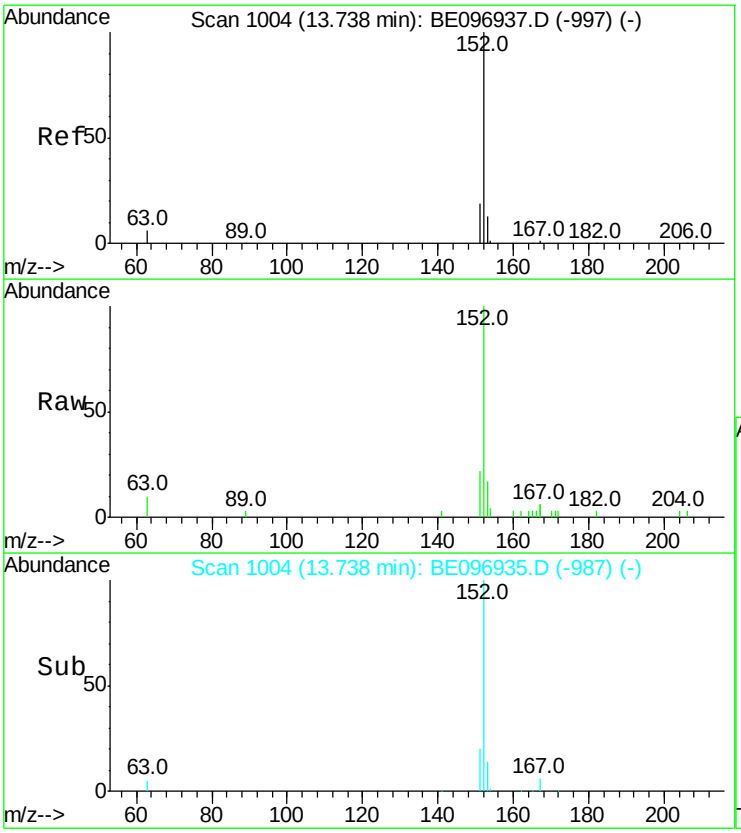
#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 12.64 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2200

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	24.9	21.8	32.8

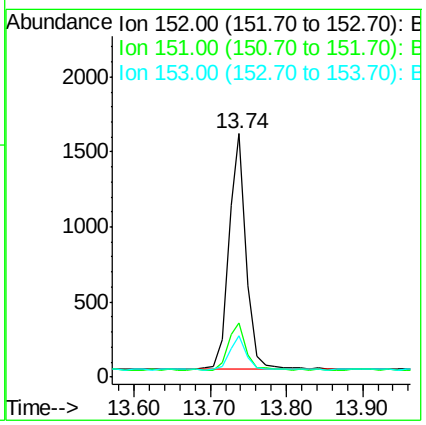


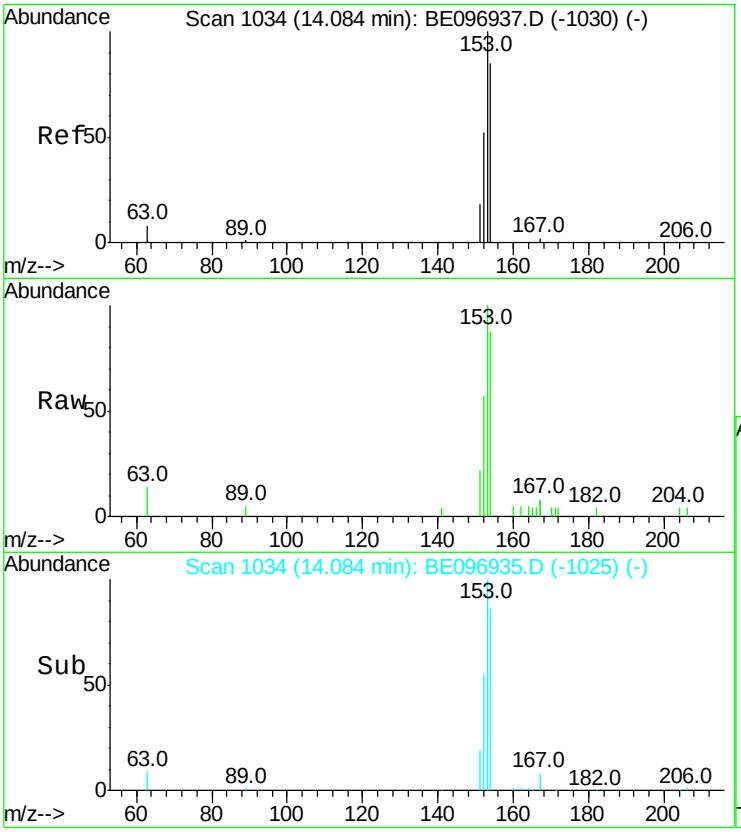


#16
Acenaphthylene
Concen: 0.091 ng
RT: 13.74 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:152 Resp: 2503

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.5	10.5	15.7



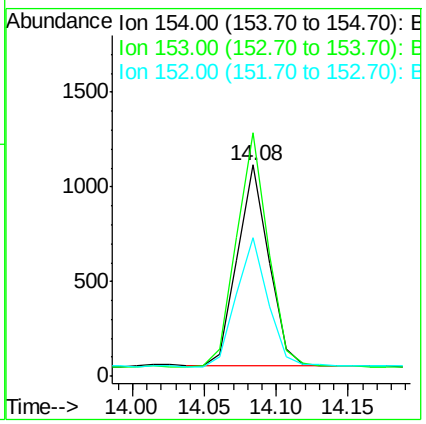


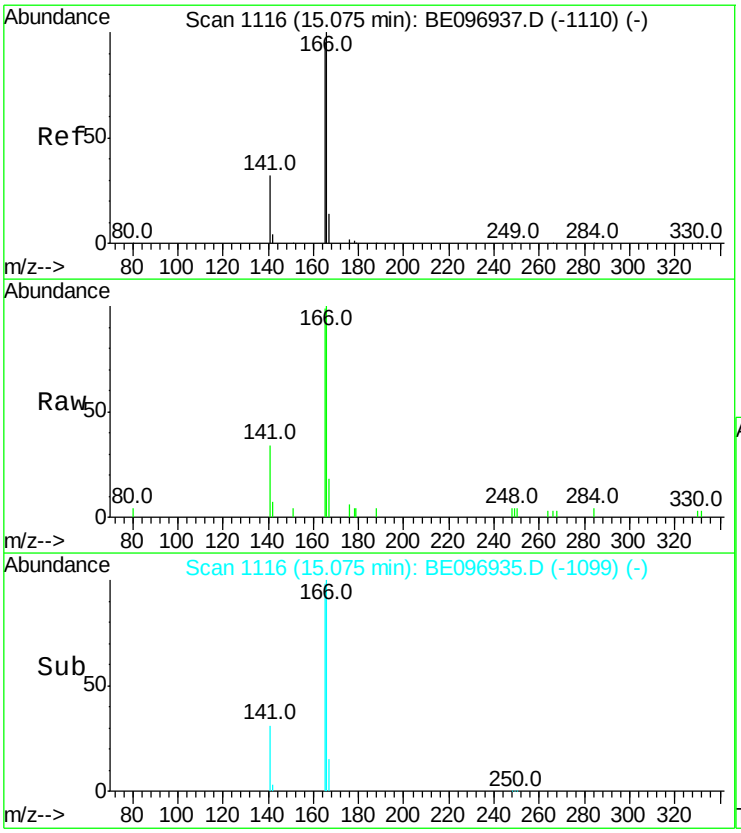
#17
Acenaphthene
Concen: 0.094 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1597

Ion	Ratio	Lower	Upper
154	100		
153	117.7	89.2	133.8
152	65.9	42.0	63.0#

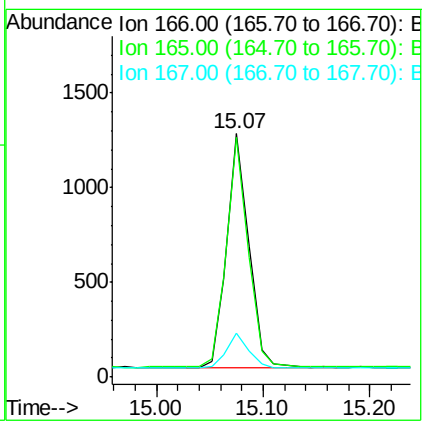


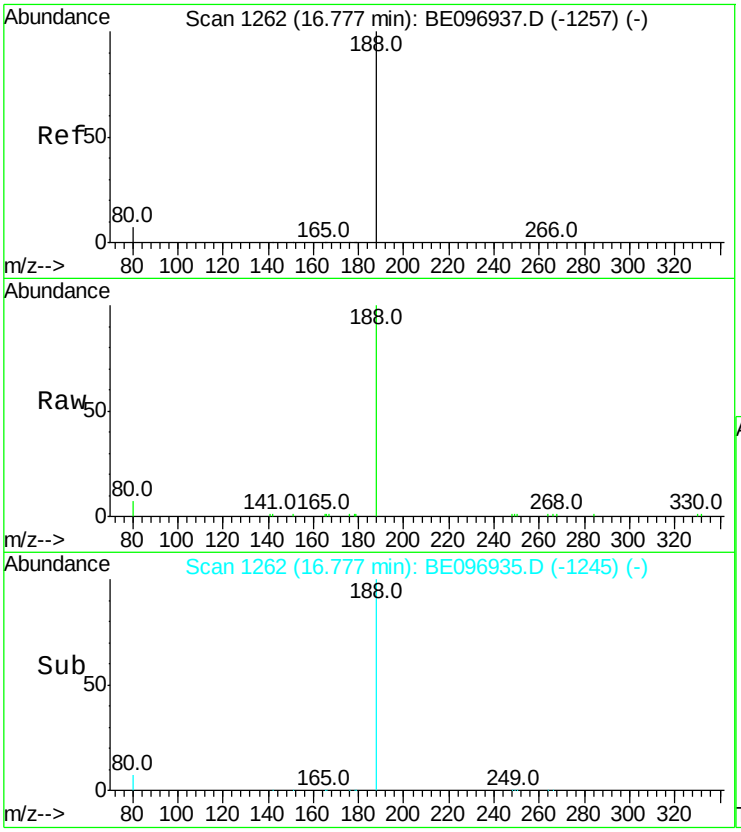


#18
Fluorene
Concen: 0.093 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:166 Resp: 1774

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.8	116.6
167	14.9	42.4	63.6#



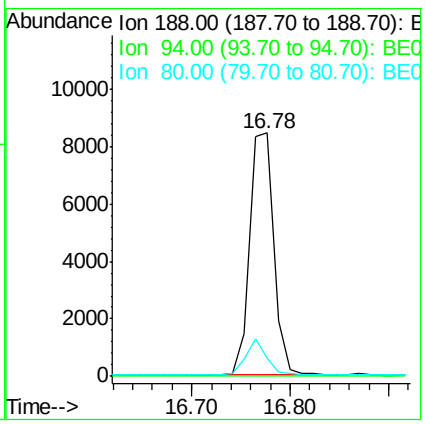


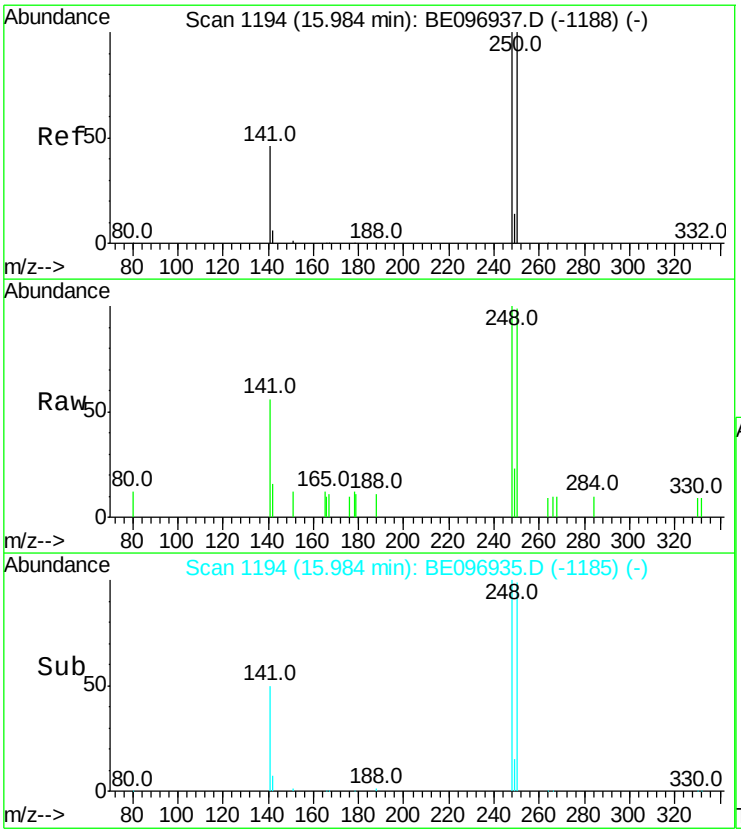
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 14333

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.4	3.6	5.4#

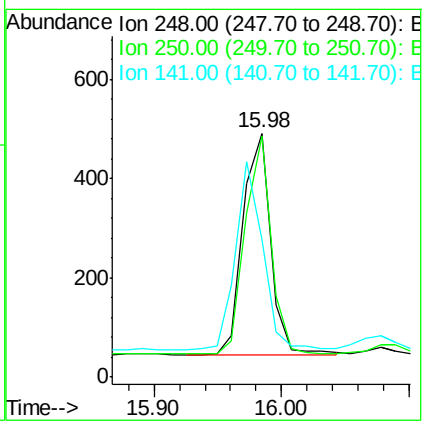


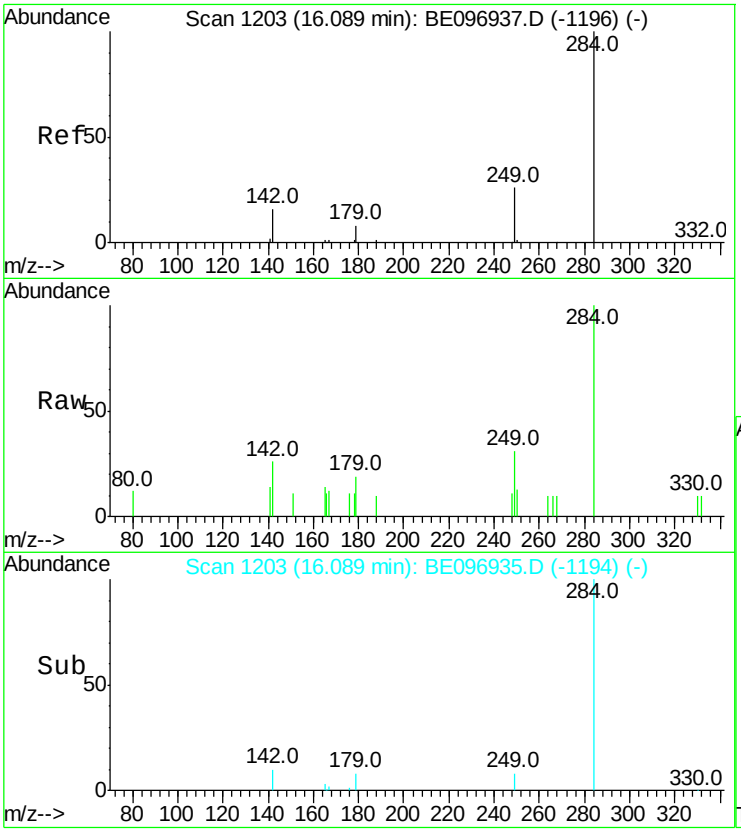


#20
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 15.98 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:248 Resp: 667

Ion	Ratio	Lower	Upper
248	100		
250	98.8	62.7	94.1#
141	56.4	48.2	72.2



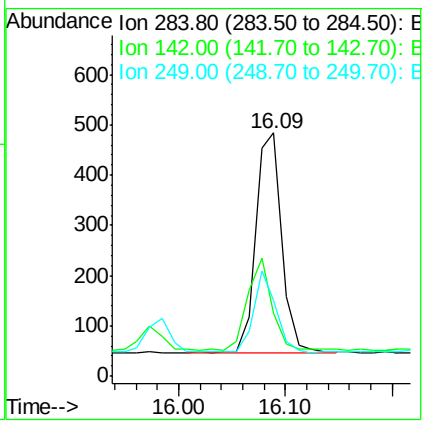


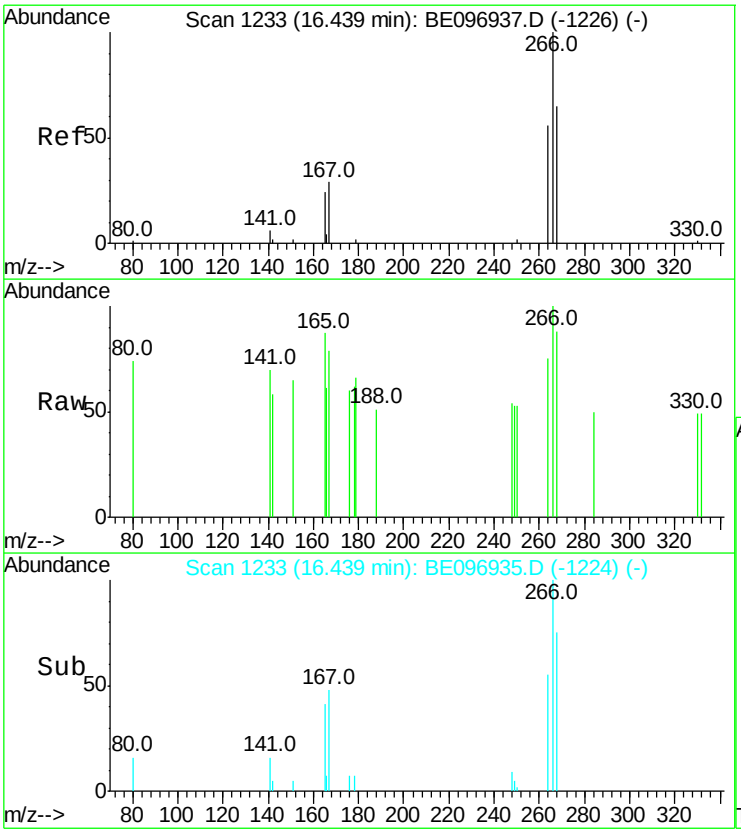
#21
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 740

Ion	Ratio	Lower	Upper
284	100		
142	38.6	22.1	33.1#
249	31.2	34.8	52.2#

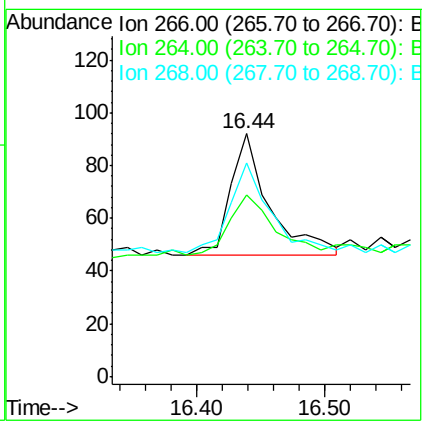


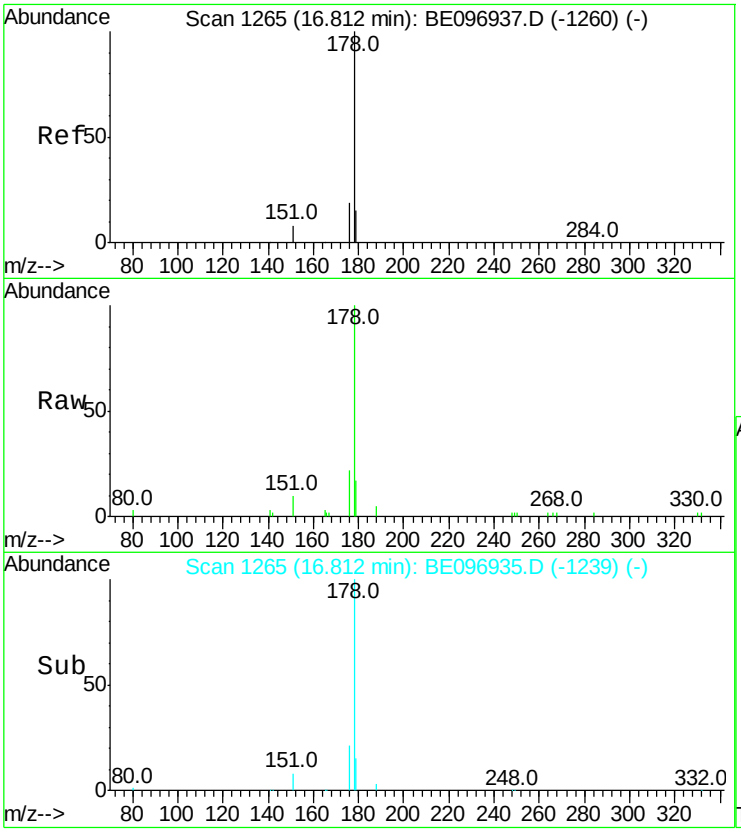


#22
Pentachlorophenol
Concen: 0.088 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:266 Resp: 98

Ion	Ratio	Lower	Upper
266	100		
264	75.0	72.5	108.7
268	88.0	73.8	110.6



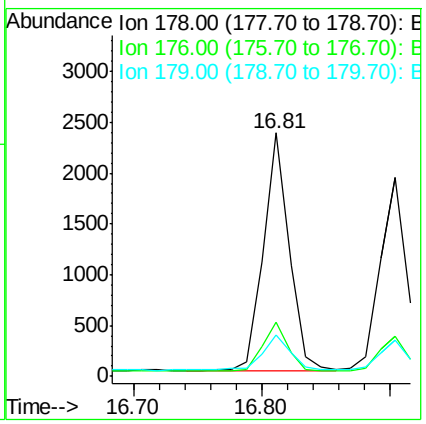


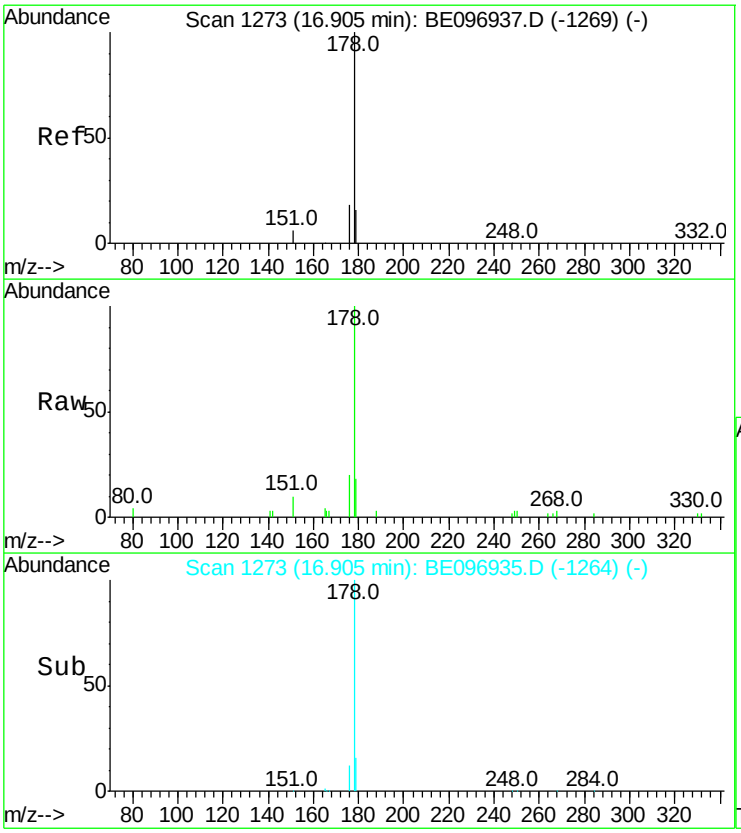
#23
Phenanthrene
Concen: 0.096 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 3295

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	16.8	11.8	17.6

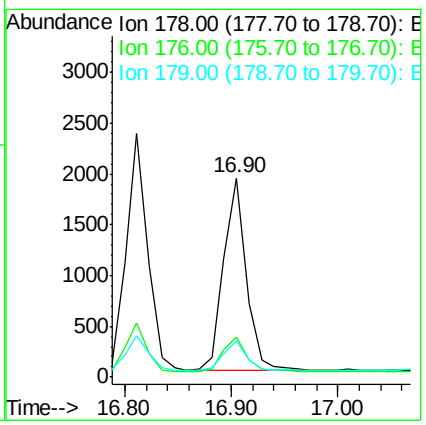


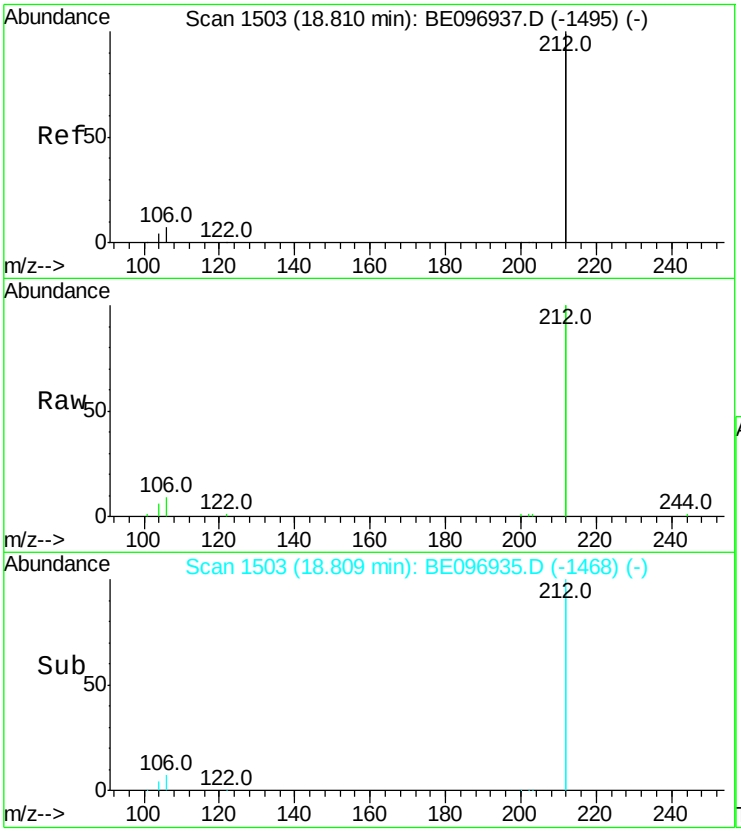


#24
Anthracene
Concen: 0.092 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:178 Resp: 2750

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	16.0	13.0	19.6



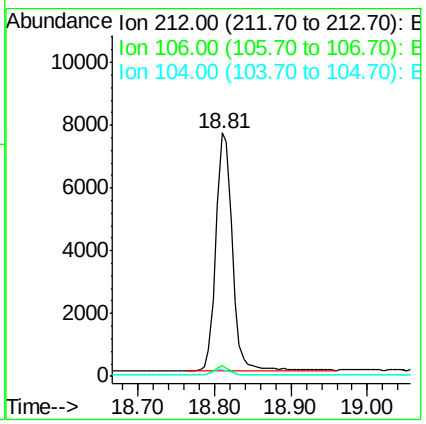


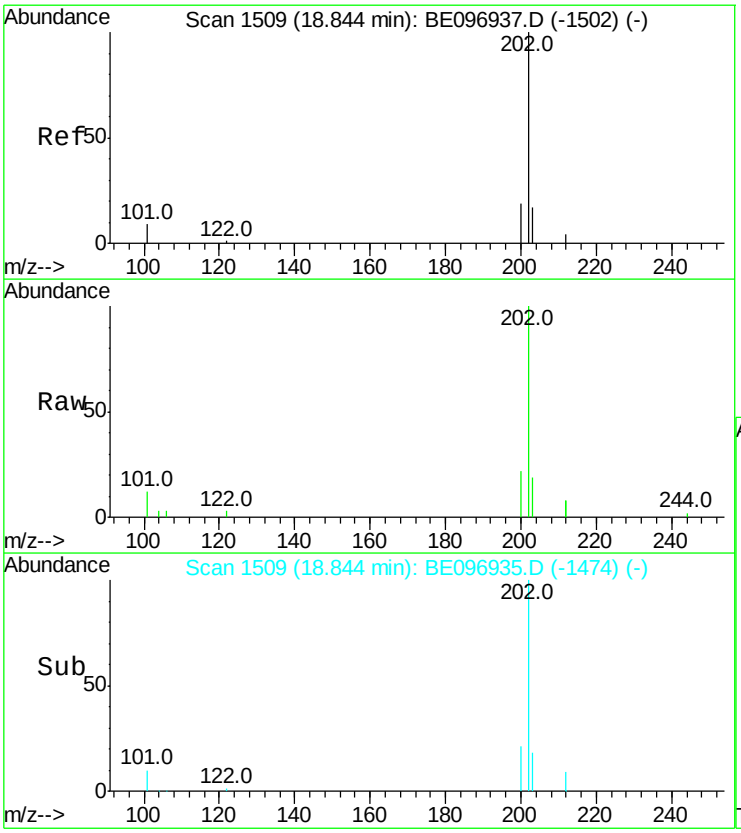
#25
Fluoranthene-d10
Concen: 0.090 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 11199

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4

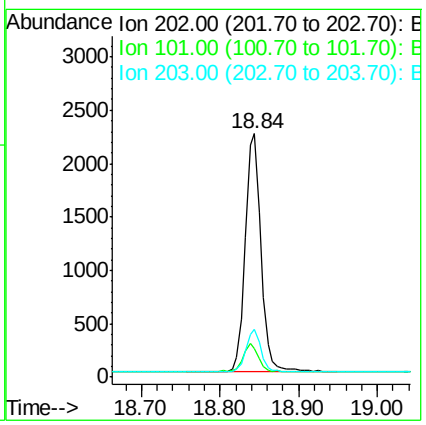


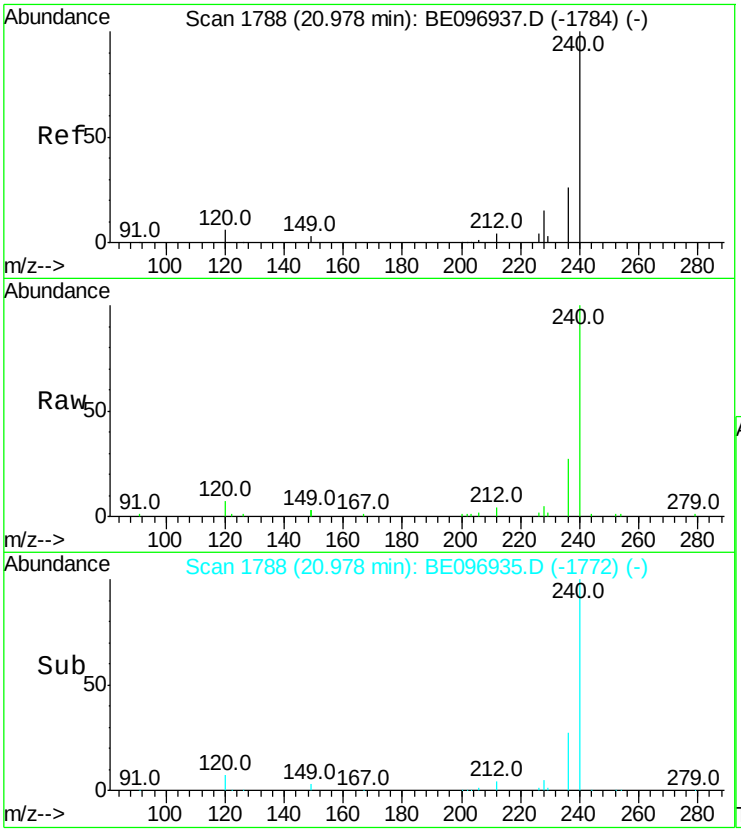


#26
Fluoranthene
Concen: 0.087 ng
RT: 18.84 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:202 Resp: 3139

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	16.7	13.7	20.5



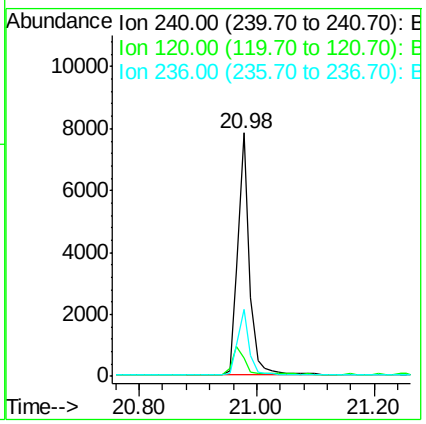


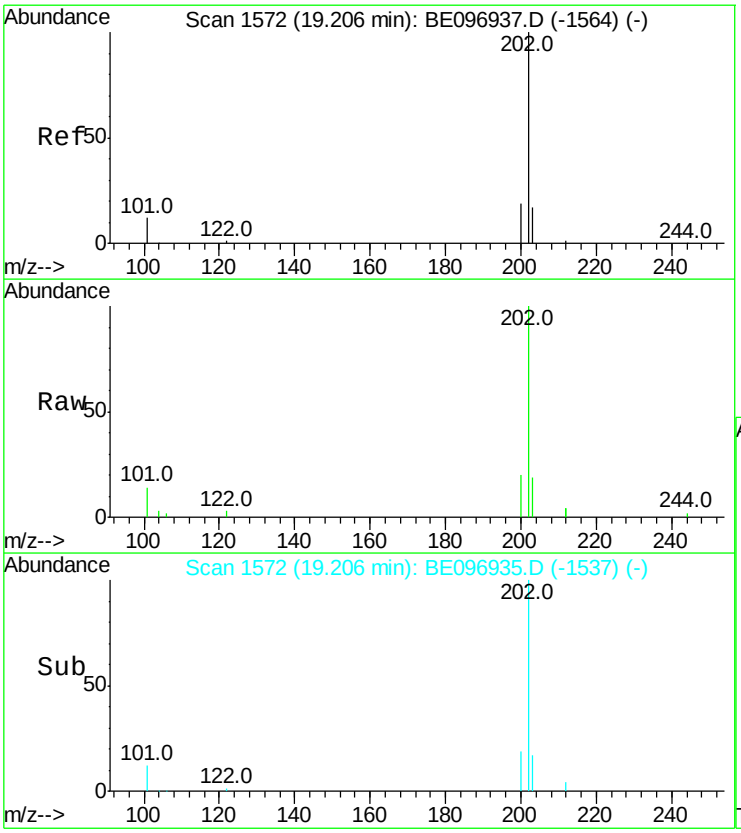
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 10865

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.5	8.3
236	27.3	20.7	31.1

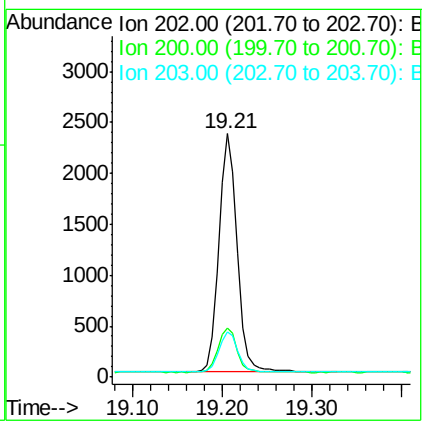


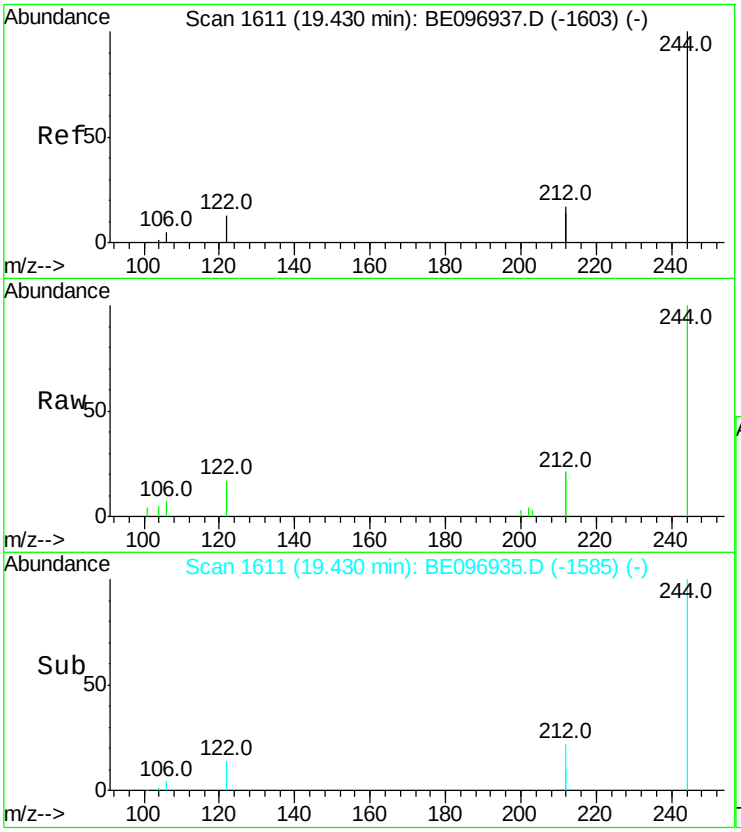


#28
Pyrene
Concen: 0.103 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:202 Resp: 3307

Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.6	25.0
203	17.2	13.8	20.8



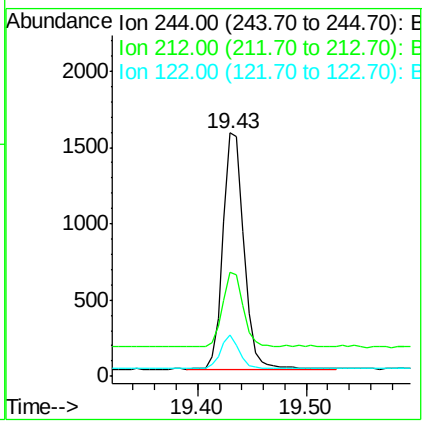


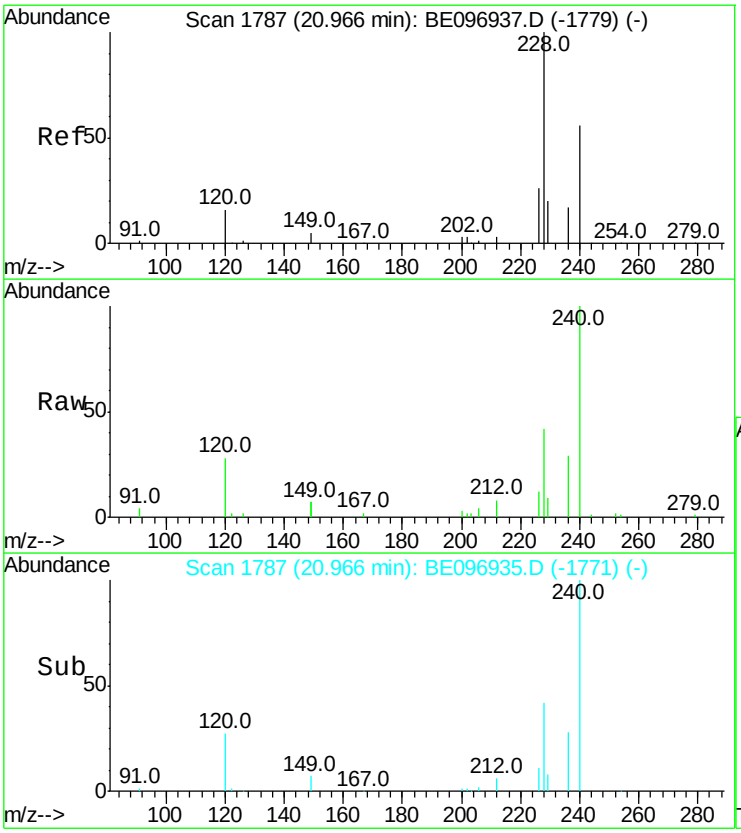
#29
Terphenyl-d14
Concen: 0.099 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2079

Ion	Ratio	Lower	Upper
244	100		
212	42.9	25.4	38.0#
122	17.2	8.1	12.1#

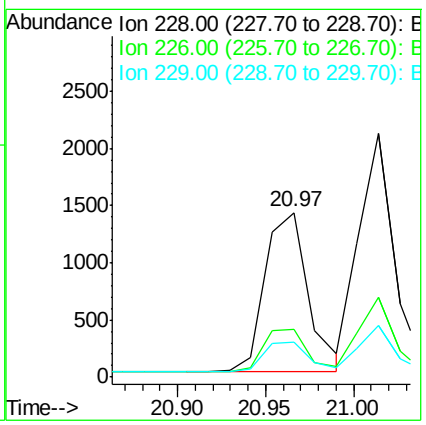


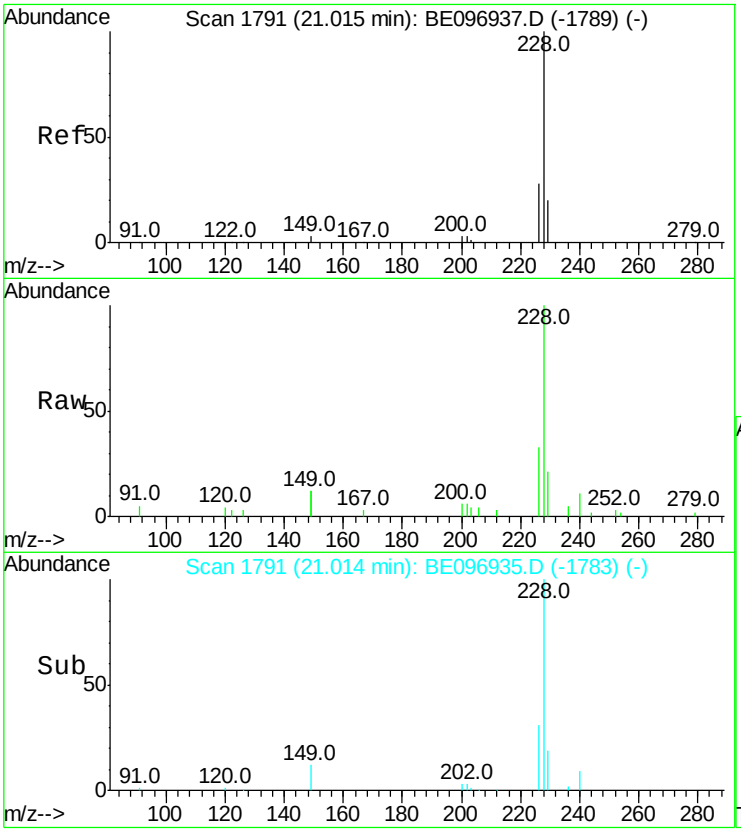


#30
Benzo(a)anthracene
Concen: 0.091 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:228 Resp: 2367

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	21.5	16.0	24.0



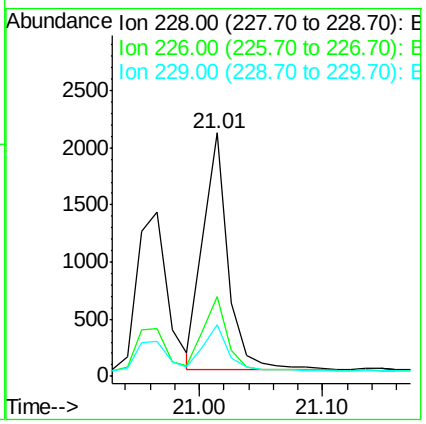


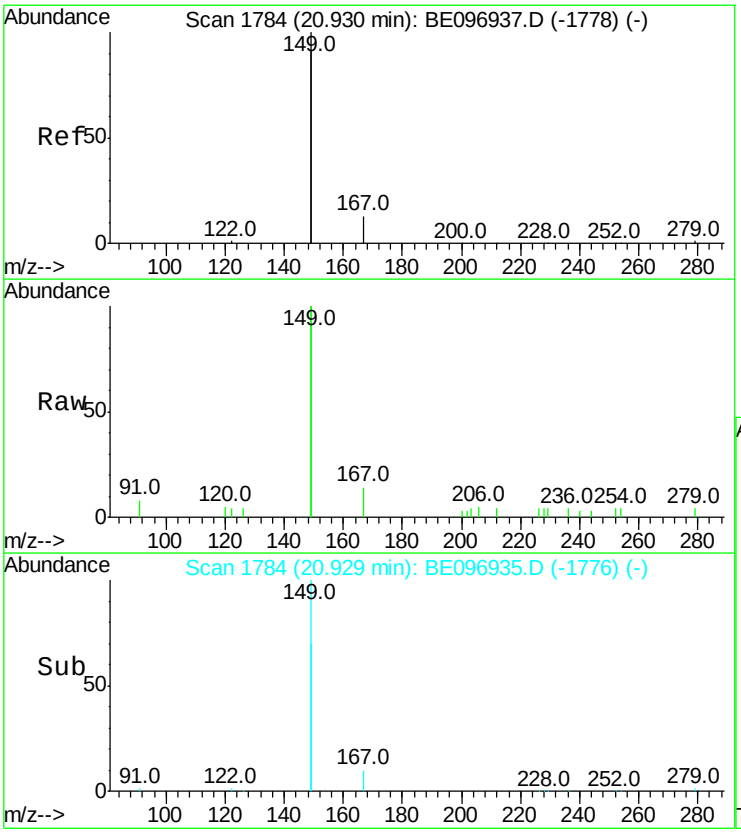
#31
Chrysene
Concen: 0.100 ng
RT: 21.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2890

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	21.3	16.0	24.0

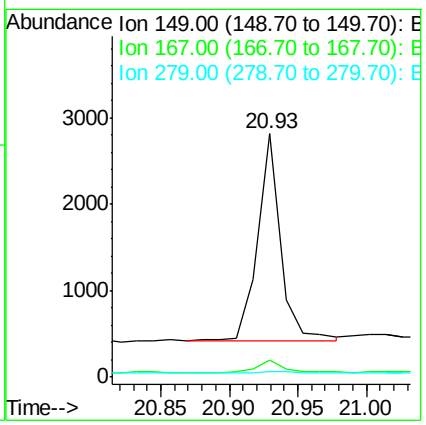


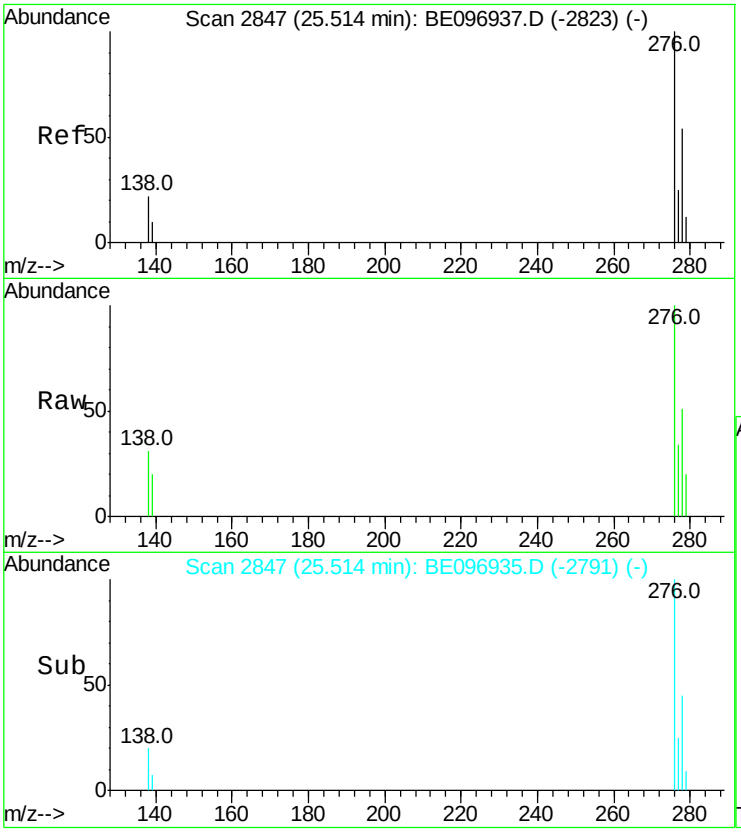


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 20.93 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:149 Resp: 2814

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



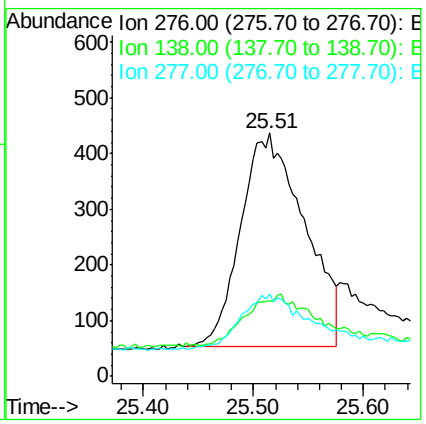


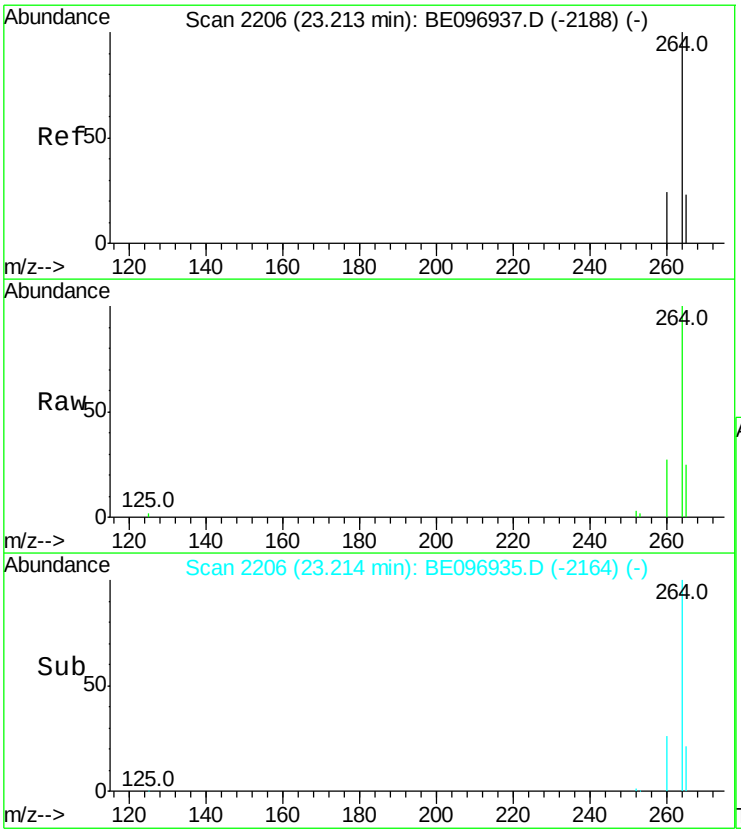
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng
RT: 25.51 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1533

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.5	33.7
277	29.1	19.9	29.9

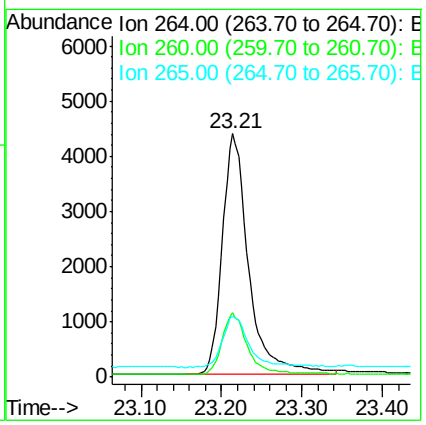


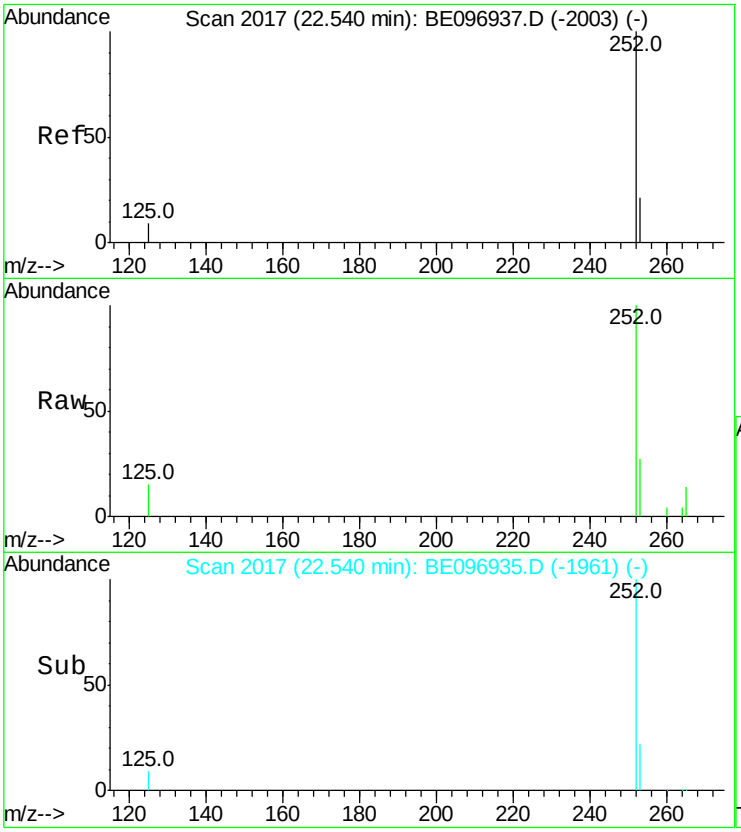


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:264 Resp: 9908

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	24.8	22.8	34.2



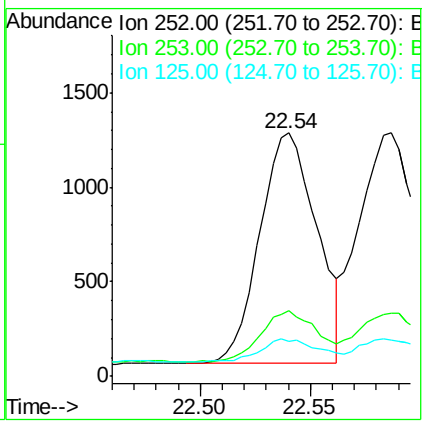


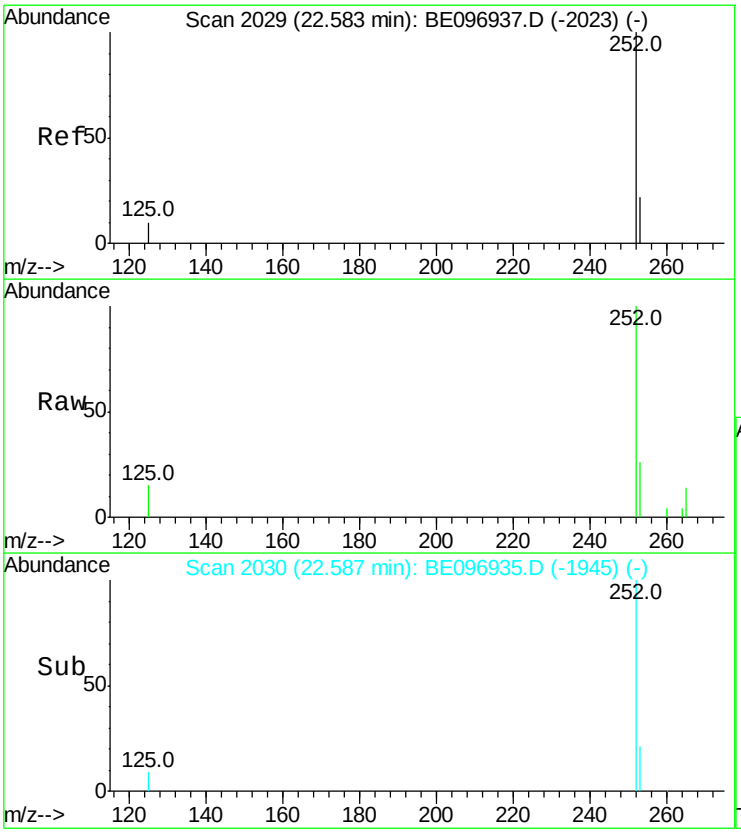
#35
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2190

Ion	Ratio	Lower	Upper
252	100		
253	26.9	20.0	30.0
125	14.5	16.0	24.0#

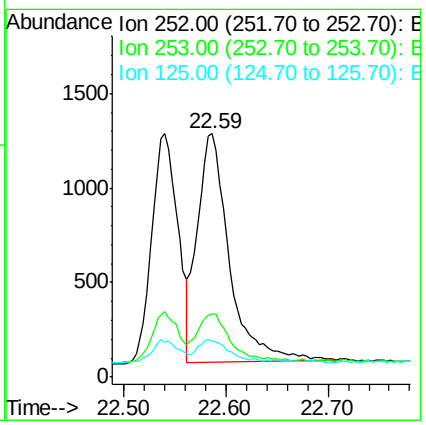


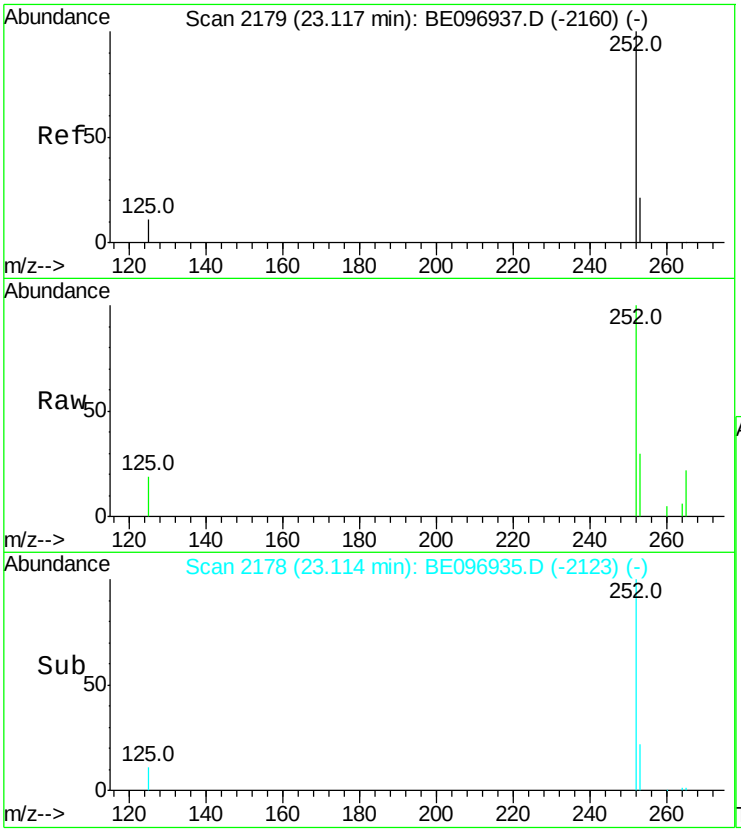


#36
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:252 Resp: 2630

Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.0	24.0#
125	15.0	8.0	12.0#



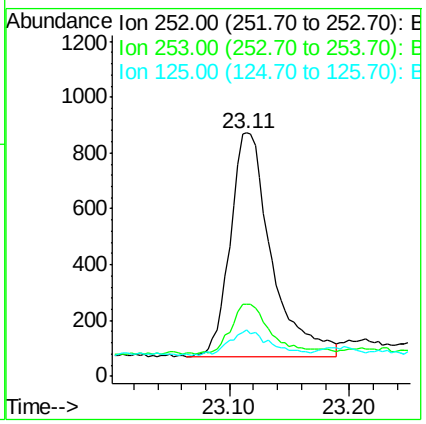


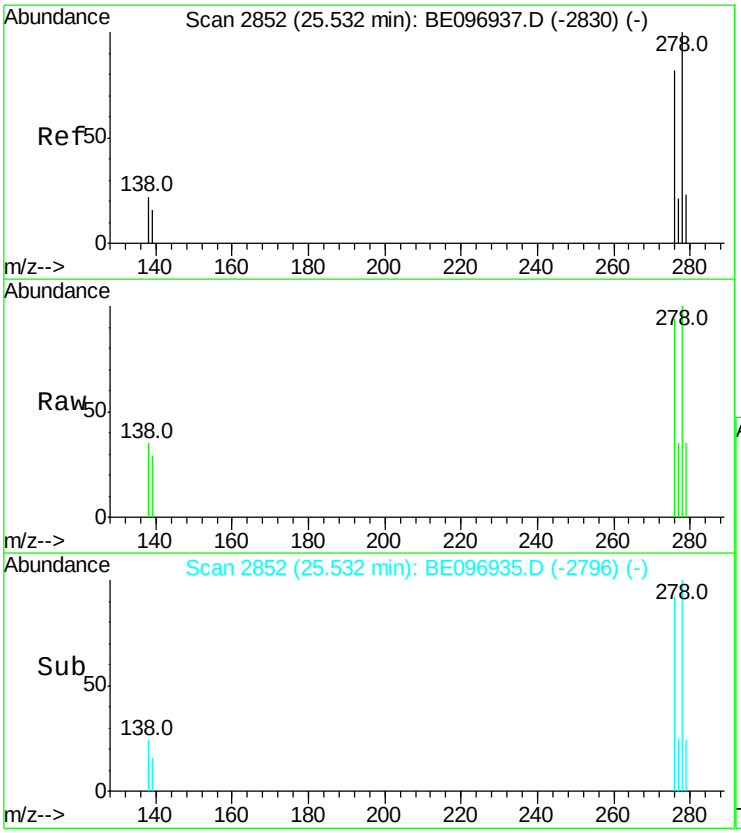
#37
Benzo(a)pyrene
Concen: 0.168 ng
RT: 23.11 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1914

Ion	Ratio	Lower	Upper
252	100		
253	29.6	16.0	24.0#
125	19.2	12.0	18.0#

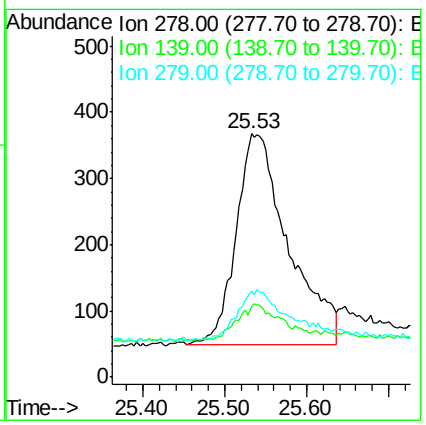


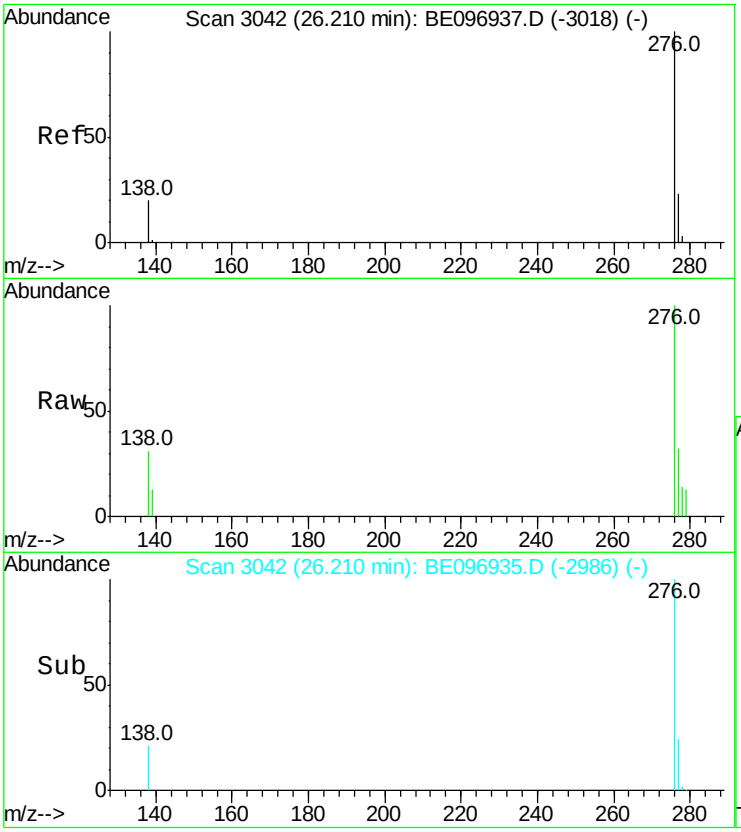


#38
Dibenzo(a,h)anthracene
Concen: 0.175 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:278 Resp: 1411

Ion	Ratio	Lower	Upper
278	100		
139	29.1	16.0	24.0#
279	35.3	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.087 ng
RT: 26.21 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1785

Ion	Ratio	Lower	Upper
276	100		
277	32.2	16.0	24.0#
138	30.8	20.0	30.0#