Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
Data File : BE096593.D
Acq On : 16 May 2018 14:55
Operator : SJ/JU
Sample : J2133-02
Misc : LOO 0.2
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 17 03:55:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	710	0.40	ng		0.00
7) Naphthalene-d8	11.17	136	2861	0.40	ng		-0.01
13) Acenaphthene-d10	14.92	164	1641	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3742	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3543	0.40	ng		0.00
34) Perylene-d12	24.33	264	3264	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.84	112	655	0.33	ng		-0.01
5) Phenol-d6	7.49	99	874	0.32	ng		-0.01
8) Nitrobenzene-d5	9.52	82	1057	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.72	152	1628	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	194	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2423	0.34	ng		0.00
25) Fluoranthene-d10	19.62	212	15992	0.35	ng		0.00
29) Terphenyl-d14	20.18	244	2672	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	209	0.196	ng		94
3) n-Nitrosodimethylamine	3.95	42	230	0.173	ng	#	74
6) bis(2-Chloroethyl)ether	7.74	93	483	0.186	ng		91
9) Naphthalene	11.22	128	5388	0.179	ng	#	97
10) Hexachlorobutadiene	11.48	225	277	0.165	ng		92
12) 2-Methylnaphthalene	12.79	142	896	0.174	ng	#	92
16) Acenaphthylene	14.65	152	1501	0.175	ng		99
17) Acenaphthene	14.98	154	948	0.182	ng		96
18) Fluorene	15.95	166	1448	0.223	ng	#	68
20) 4-Bromophenyl-phenylether	16.82	248	410	0.181	ng	#	84
21) Hexachlorobenzene	16.95	284	418	0.177	ng	#	81
22) Pentachlorophenol	17.31	266	72	0.277	ng		96
23) Phenanthrene	17.67	178	1938	0.184	ng		98
24) Anthracene	17.77	178	1725	0.176	ng		96
26) Fluoranthene	19.65	202	2296	0.183	ng	#	97
28) Pyrene	20.00	202	1236	0.193	ng		98
30) Benzo(a)anthracene	21.72	228	2002	0.184	ng		97
31) Chrysene	21.77	228	2090	0.184	ng		95
32) Bis(2-ethylhexyl)phthalate	21.58	149	3798	0.163	ng		100
33) Indeno(1,2,3-cd)pyrene	27.10	276	1907	0.175	ng	#	93
35) Benzo(b)fluoranthene	23.52	252	1783	0.177	ng	#	92
36) Benzo(k)fluoranthene	23.57	252	1903	0.179	ng	#	82
37) Benzo(a)pyrene	24.21	252	1707	0.177	ng	#	87
38) Dibenzo(a,h)anthracene	27.11	278	1552	0.176	ng	#	87
39) Benzo(g,h,i)perylene	27.96	276	1670	0.181	ng	#	86

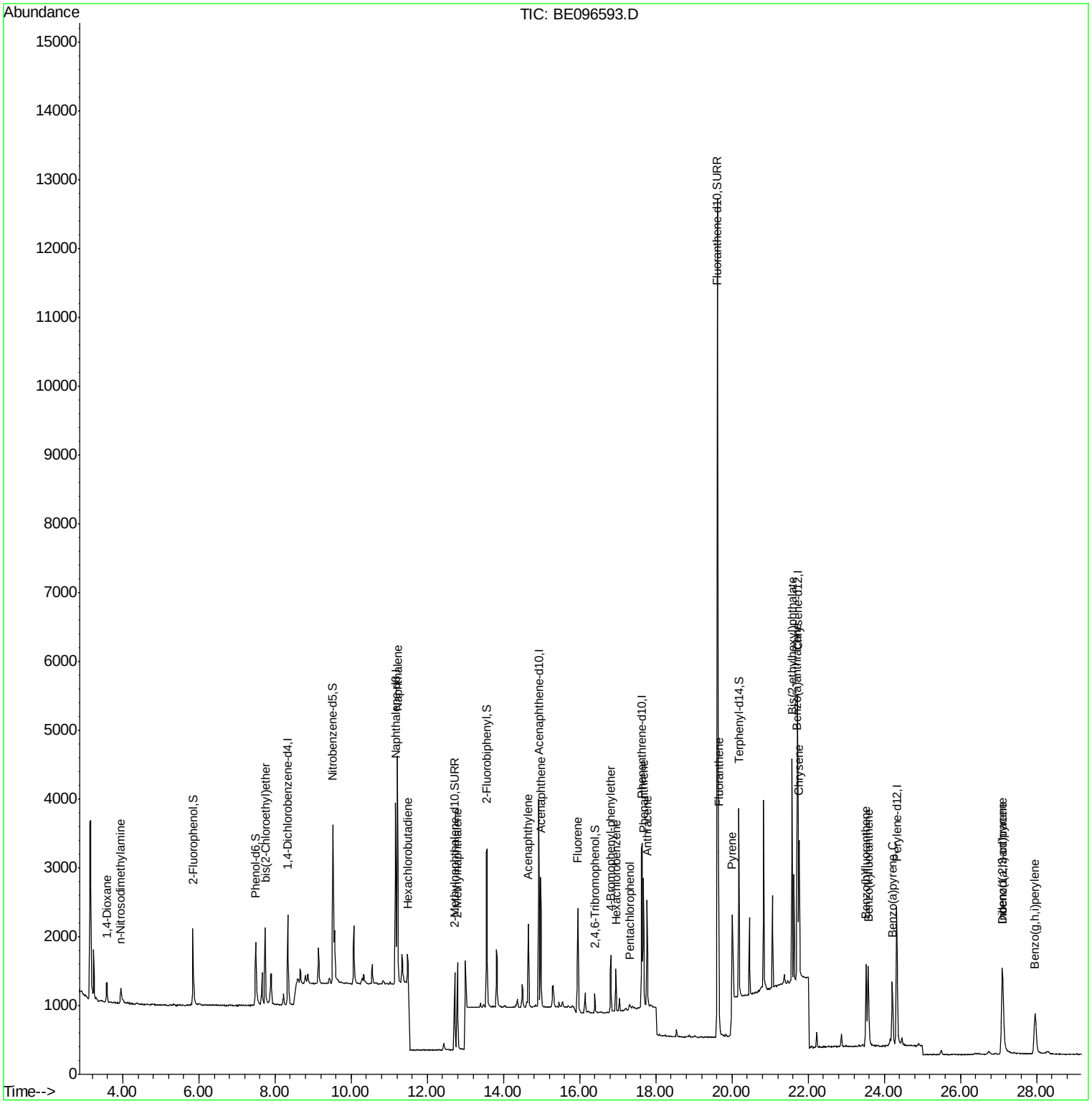
(#) = qualifier out of range (m) = manual integration (+) = signals summed

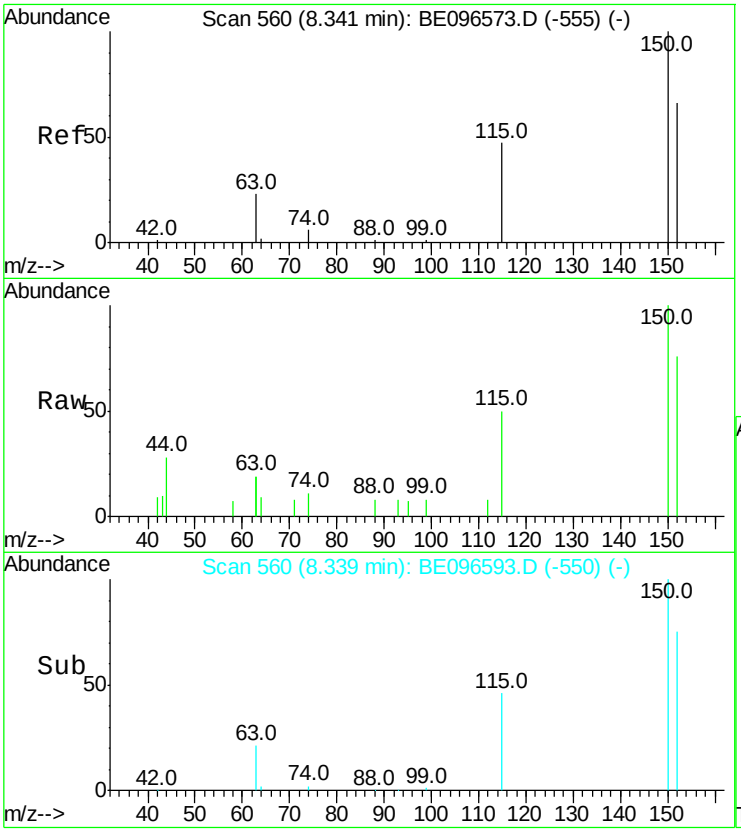
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
Data File : BE096593.D
Acq On : 16 May 2018 14:55
Operator : SJ/JU
Sample : J2133-02
Misc : LOO 0.2
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 17 03:55:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration



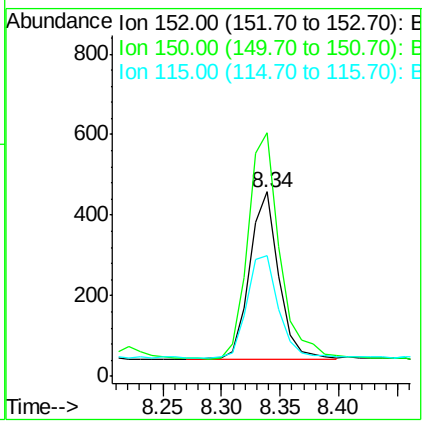


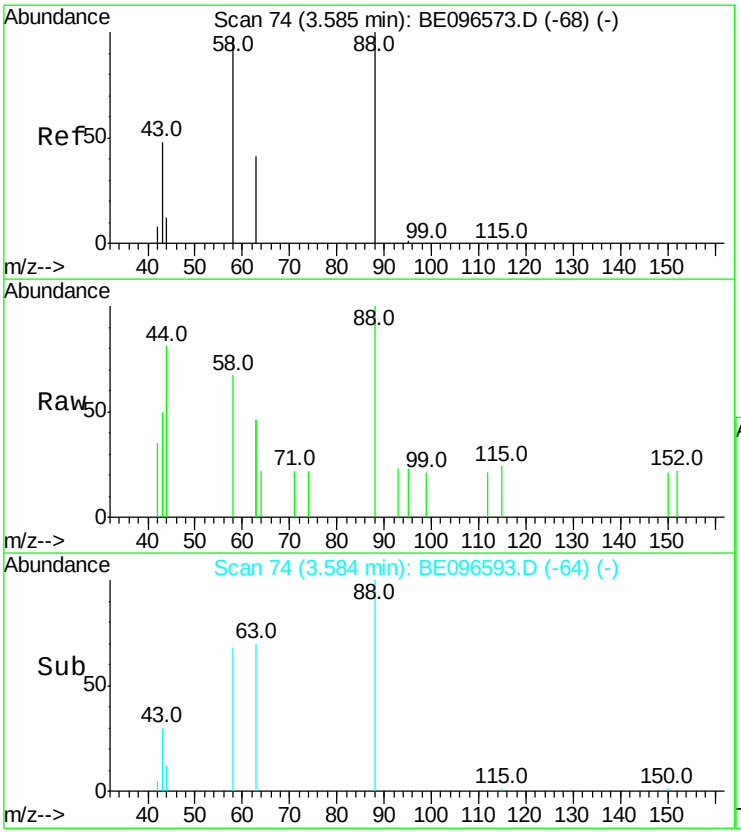
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 710

Ion	Ratio	Lower	Upper
152	100		
150	132.2	117.2	175.8
115	65.9	57.0	85.6

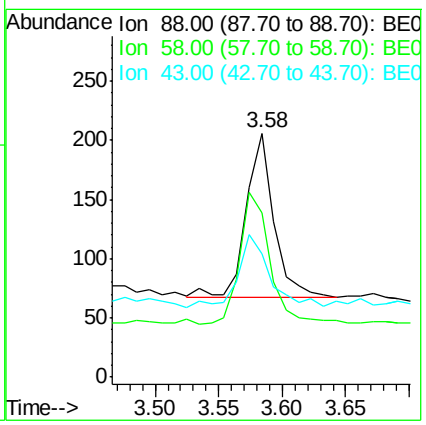


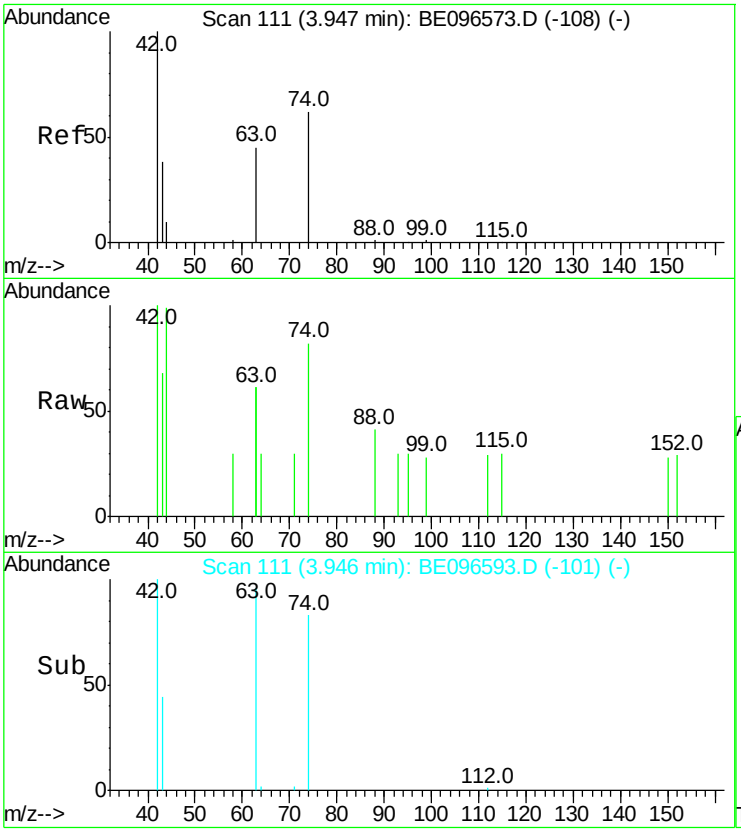


#2
1,4-Dioxane
Concen: 0.196 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion: 88 Resp: 209

Ion	Ratio	Lower	Upper
88	100		
58	86.6	63.2	94.8
43	50.2	41.2	61.8



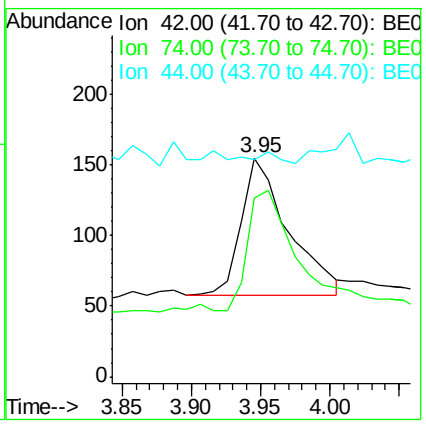


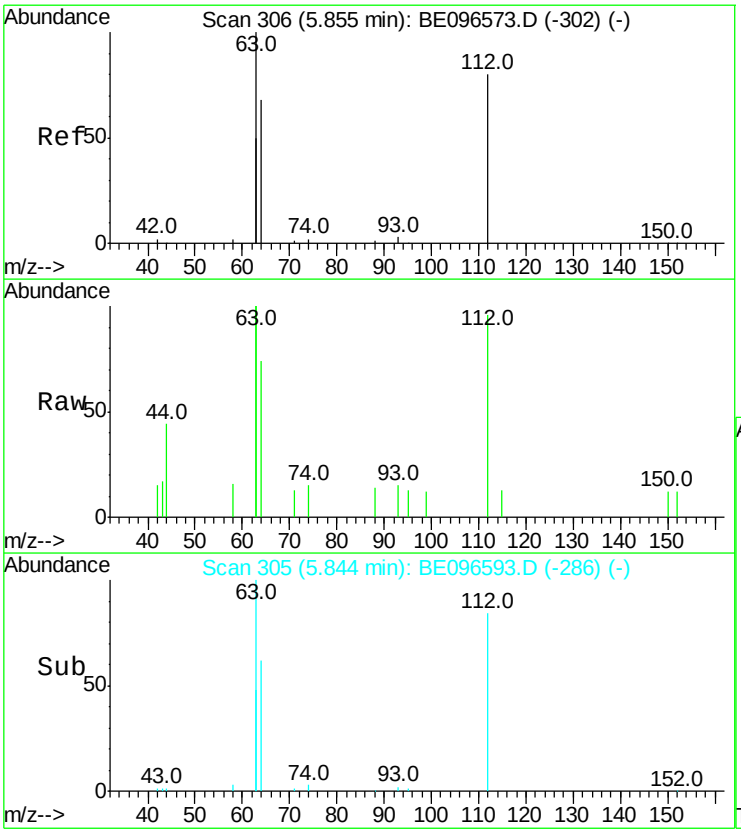
#3
n-Nitrosodimethylamine
Concen: 0.173 ng
RT: 3.95 min Scan# 111
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 230

Ion	Ratio	Lower	Upper
42	100		
74	93.0	96.0	144.0#
44	0.0	12.0	18.0#

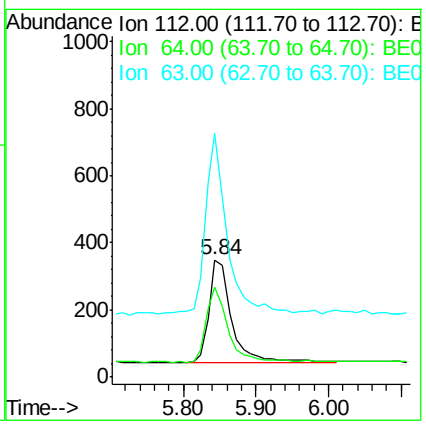


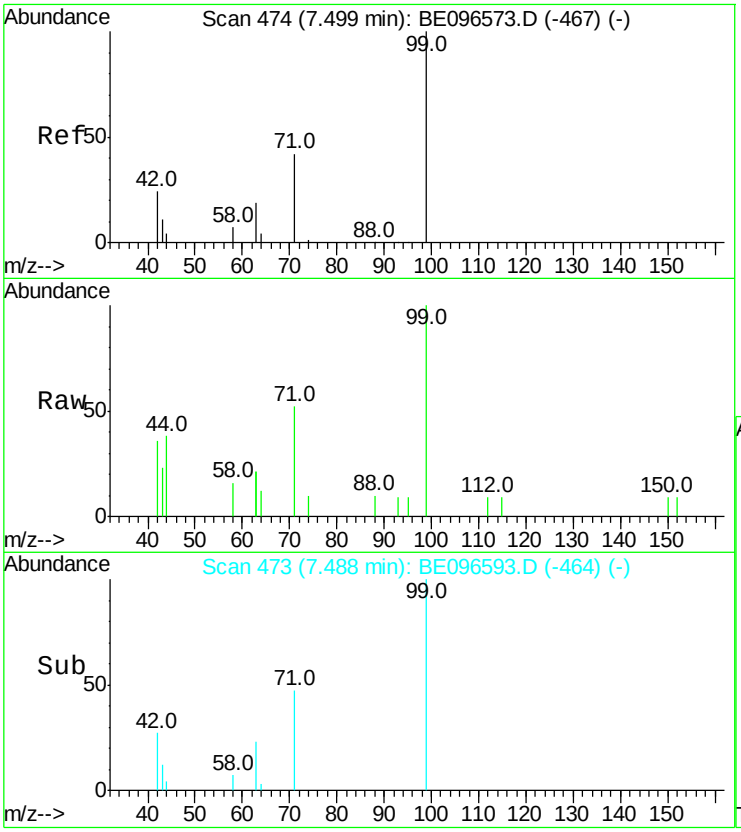


#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.84 min Scan# 305
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:112 Resp: 655

Ion	Ratio	Lower	Upper
112	100		
64	71.8	60.1	90.1
63	165.5	116.8	175.2



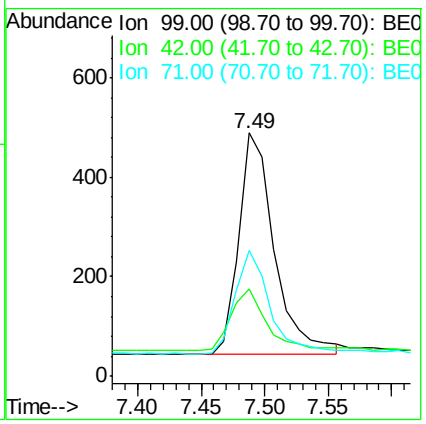


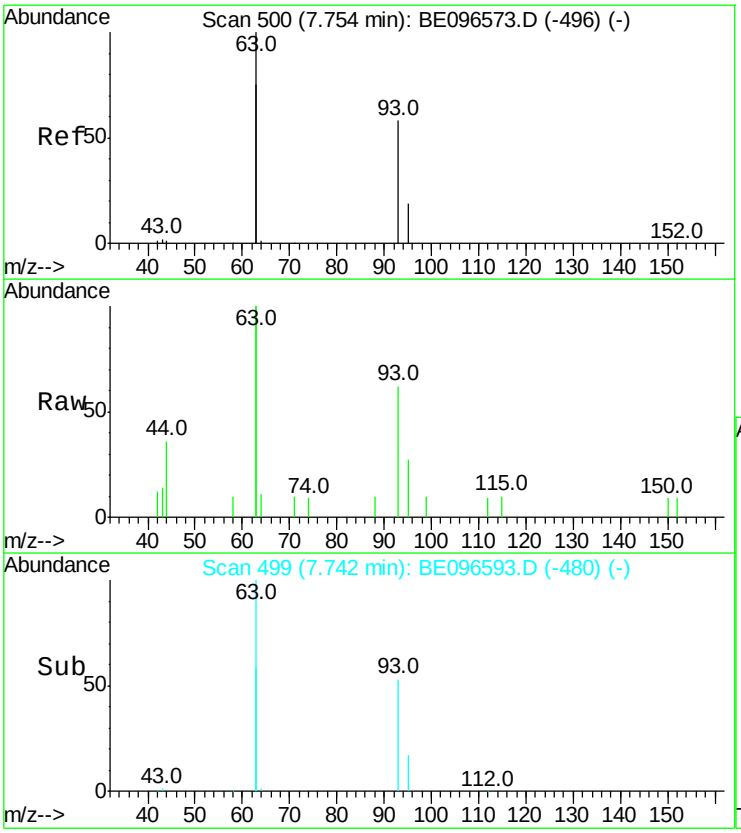
#5
Phenol-d6
Concen: 0.315 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 874

Ion	Ratio	Lower	Upper
99	100		
42	27.7	20.2	30.2
71	45.0	28.4	42.6#

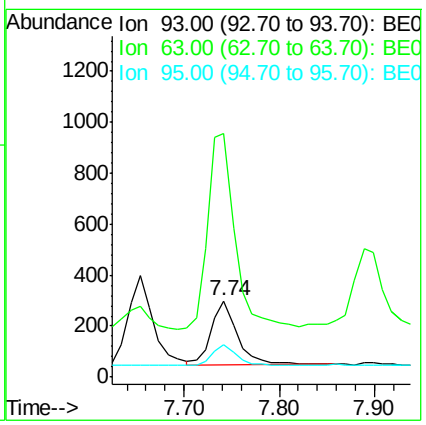


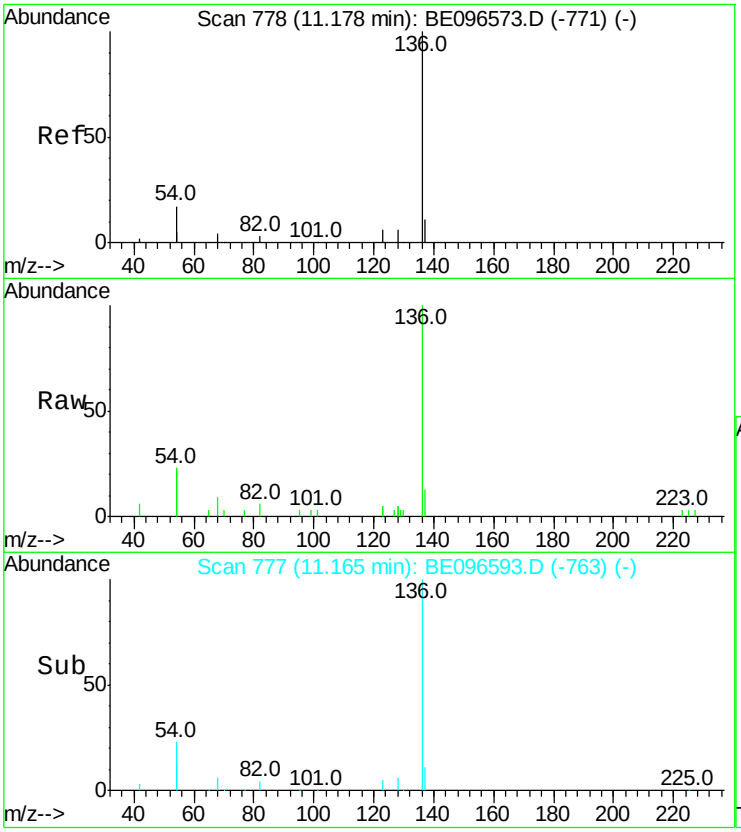


#6
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.74 min Scan# 499
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion: 93 Resp: 483

Ion	Ratio	Lower	Upper
93	100		
63	322.2	275.3	412.9
95	31.1	25.2	37.8



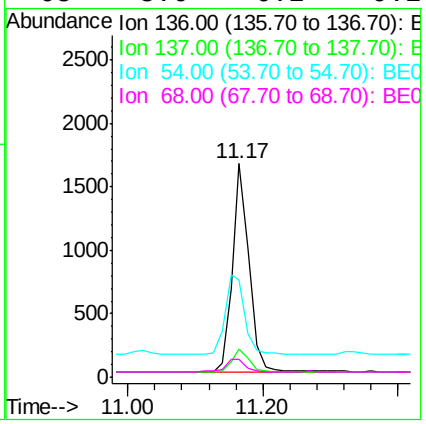


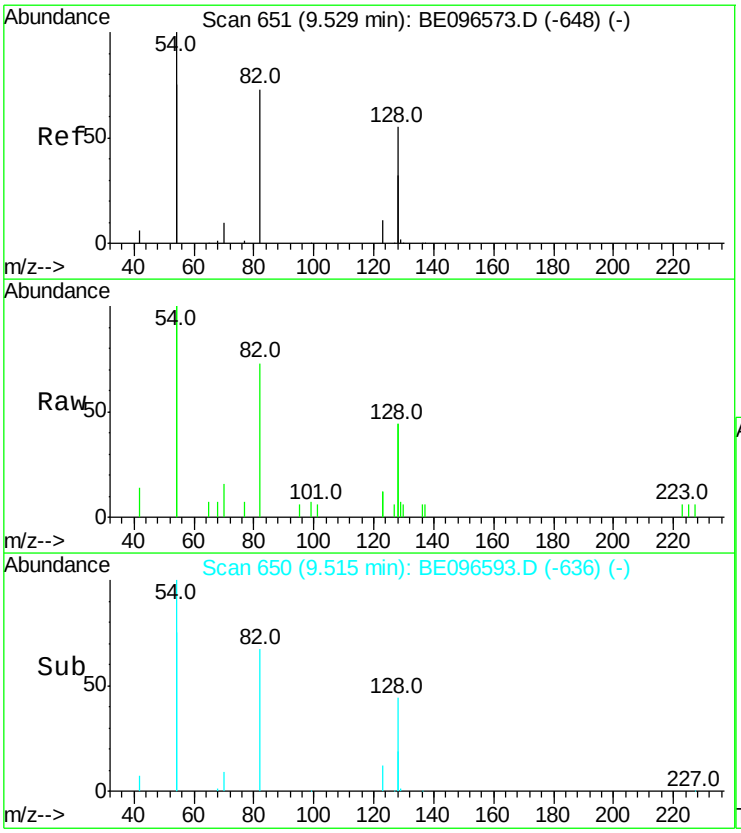
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2861

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	45.6	29.1	43.7#
68	8.6	6.2	9.2

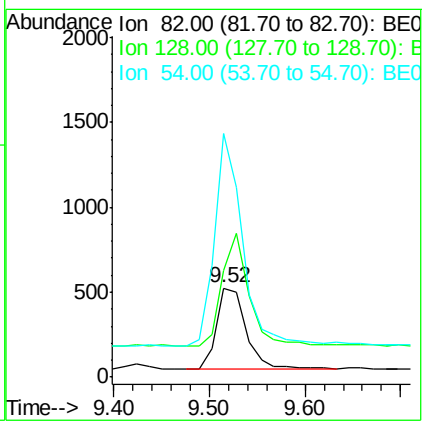


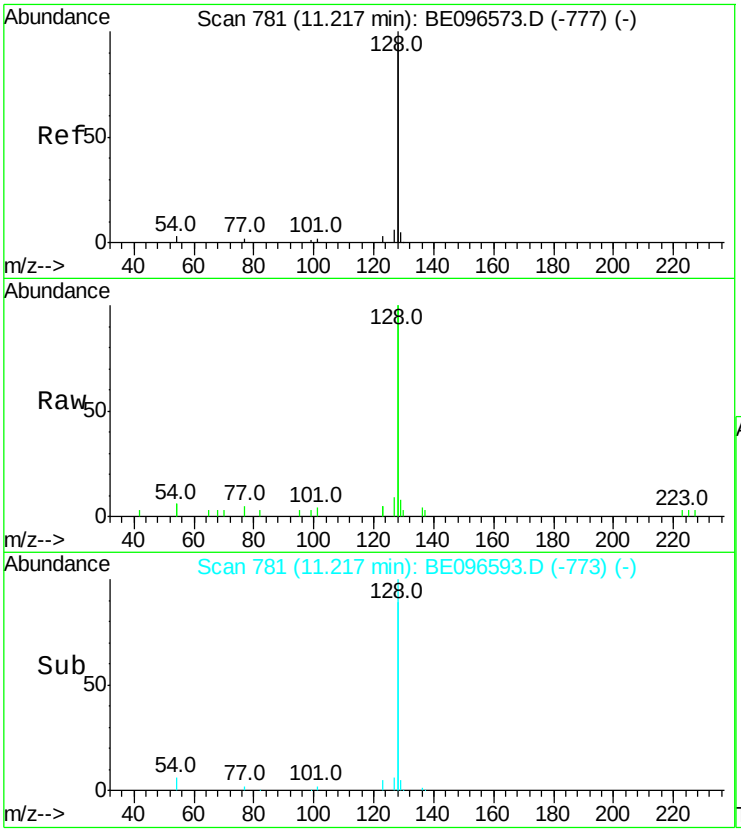


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion: 82 Resp: 1057

Ion	Ratio	Lower	Upper
82	100		
128	120.2	150.0	225.0#
54	273.7	154.2	231.4#



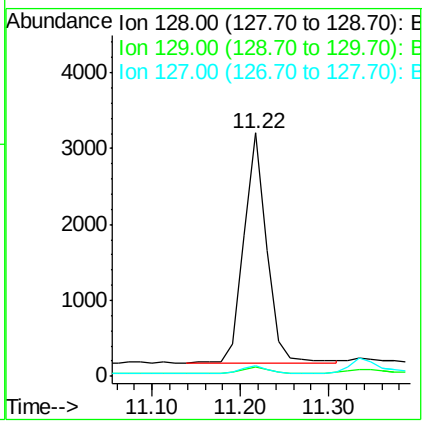


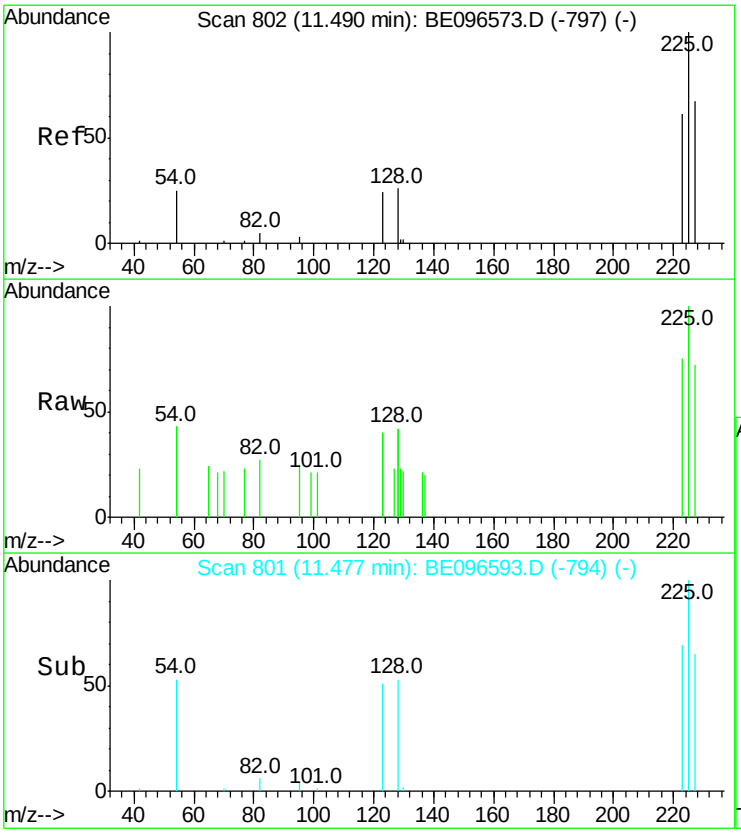
#9
Naphthalene
Concen: 0.179 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5388

Ion	Ratio	Lower	Upper
128	100		
129	4.0	2.6	3.8#
127	4.6	2.8	4.2#

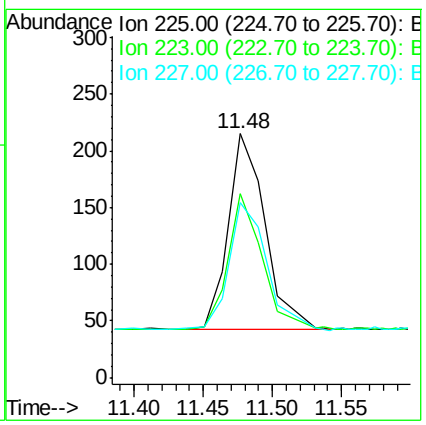


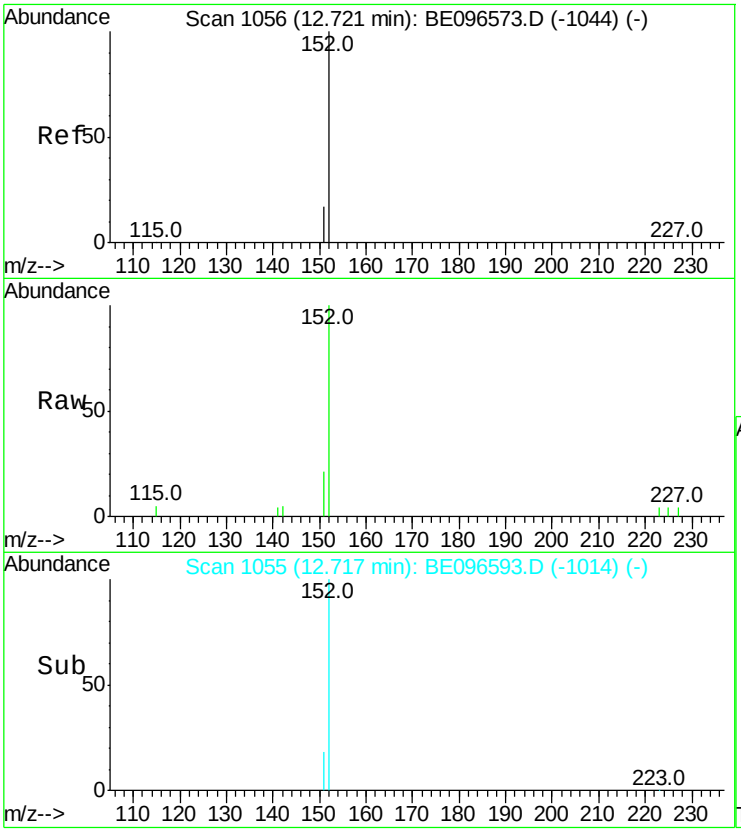


#10
Hexachlorobutadiene
Concen: 0.165 ng
RT: 11.48 min Scan# 801
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:225 Resp: 277

Ion	Ratio	Lower	Upper
225	100		
223	61.7	53.0	79.6
227	72.9	51.4	77.2



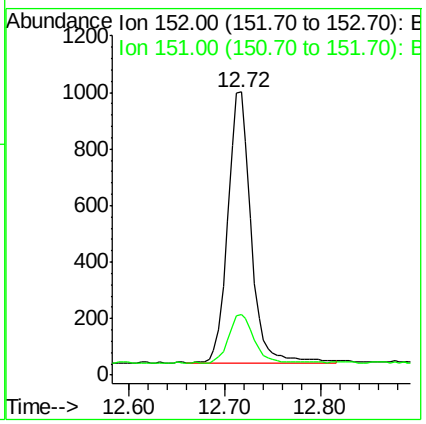


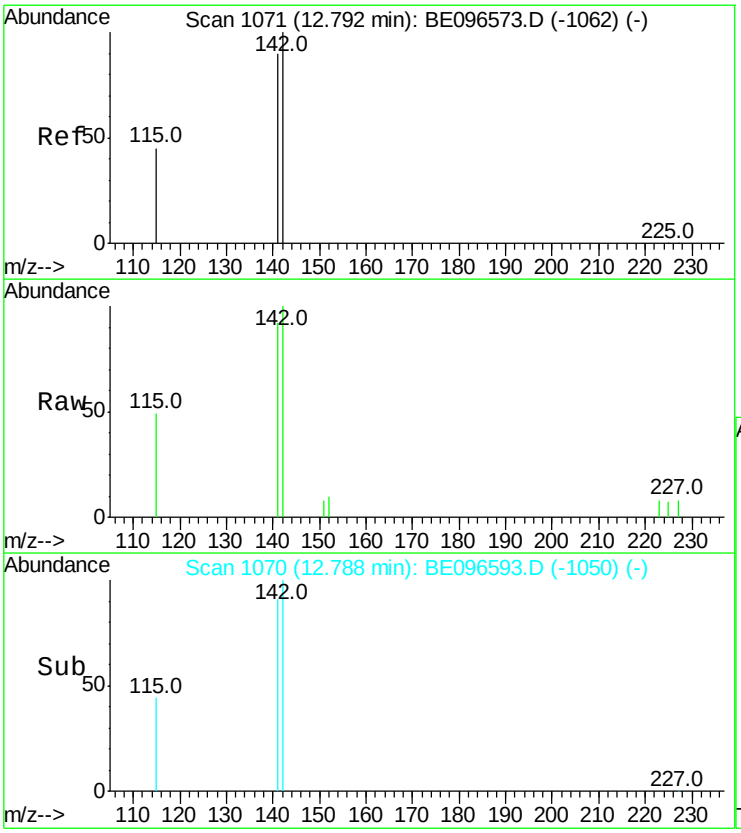
#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.72 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1628

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

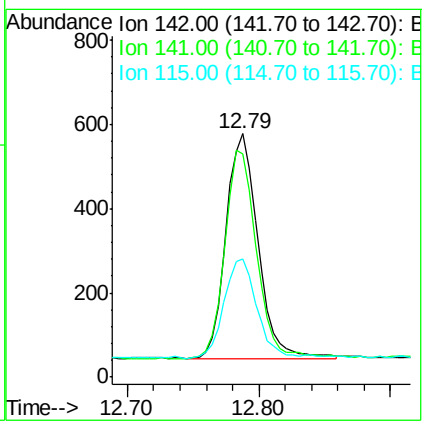


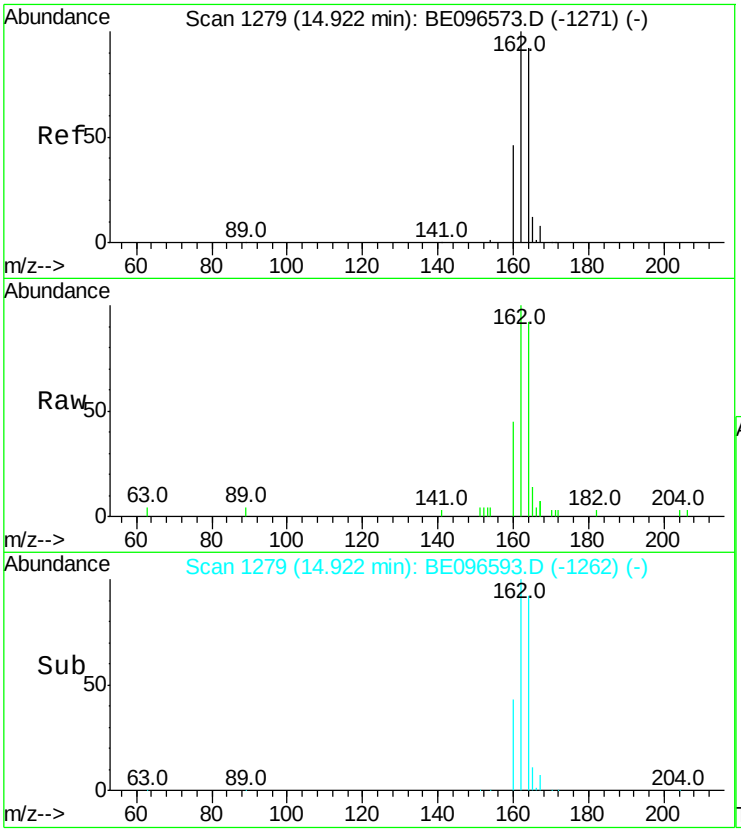


#12
2-Methylnaphthalene
Concen: 0.174 ng
RT: 12.79 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:142 Resp: 896

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.4	105.6
115	48.8	31.7	47.5#



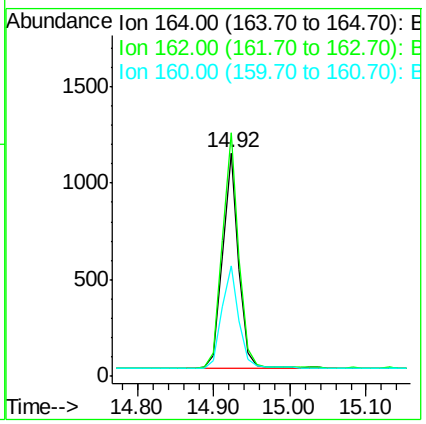


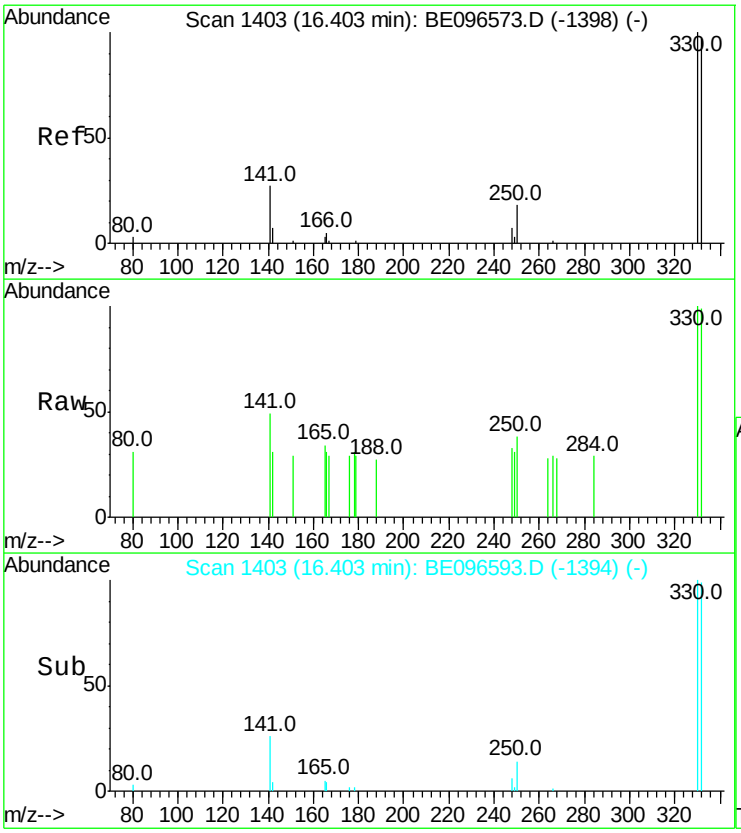
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1641

Ion	Ratio	Lower	Upper
164	100		
162	108.8	83.1	124.7
160	49.4	37.1	55.7

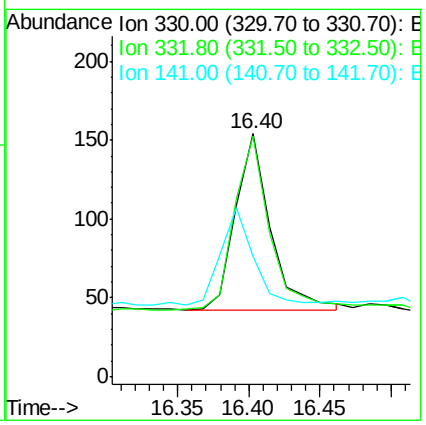


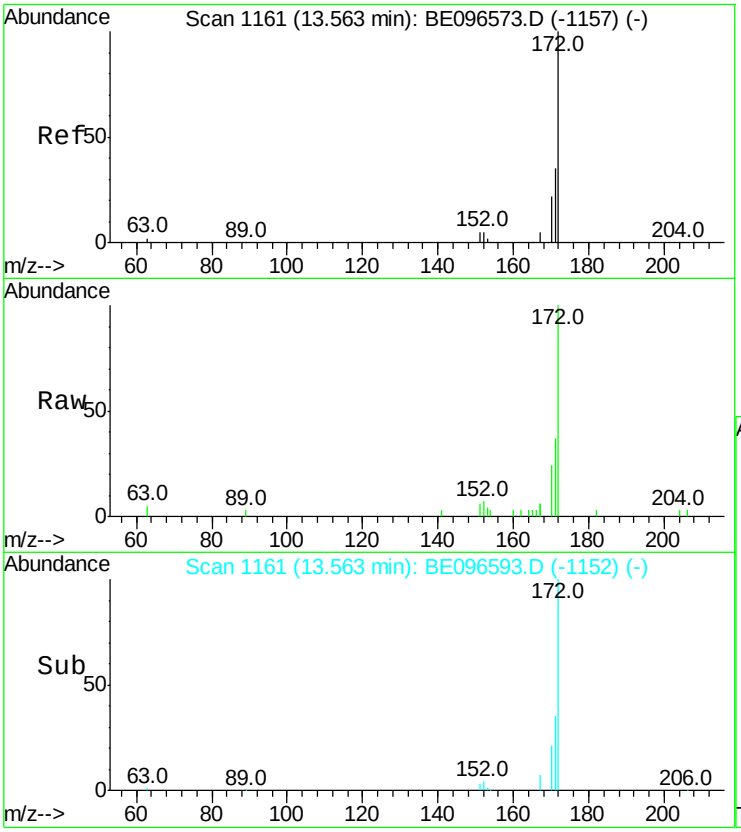


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:330 Resp: 194

Ion	Ratio	Lower	Upper
330	100		
332	99.5	152.7	229.1#
141	53.1	33.7	50.5#



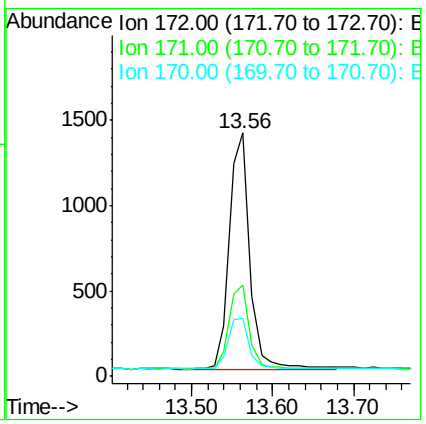


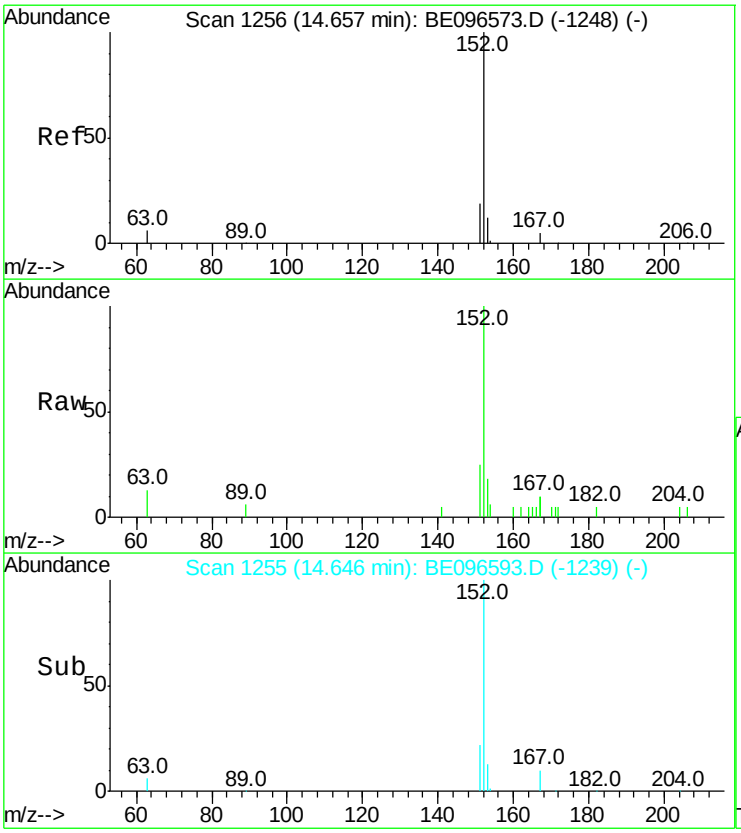
#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2423

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	23.6	21.8	32.8

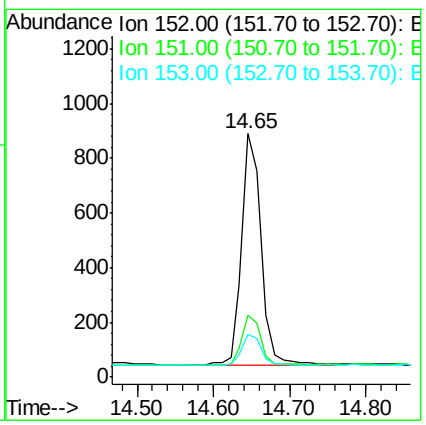


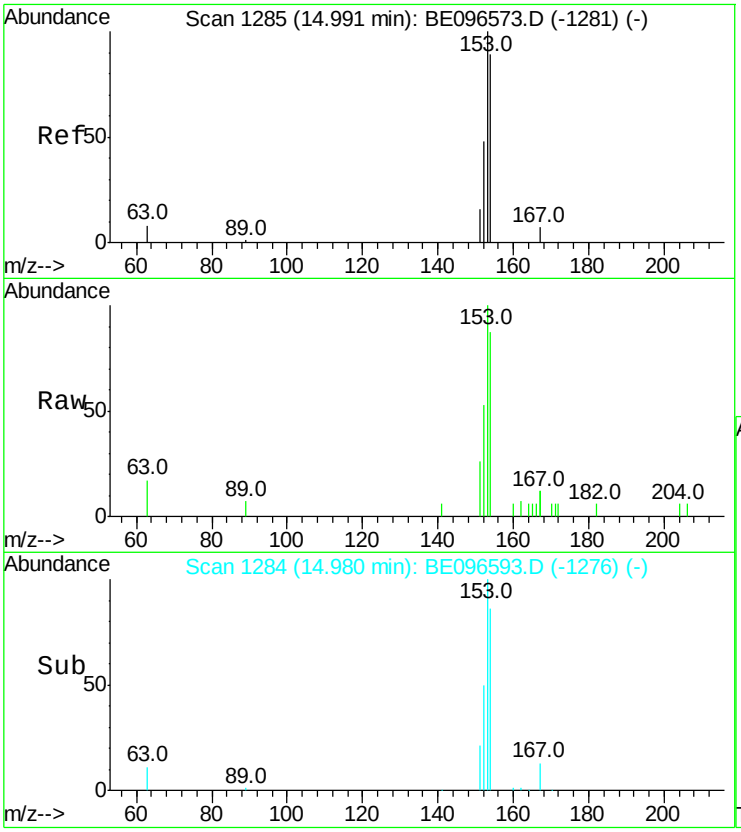


#16
Acenaphthylene
Concen: 0.175 ng
RT: 14.65 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:152 Resp: 1501

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.1	10.5	15.7



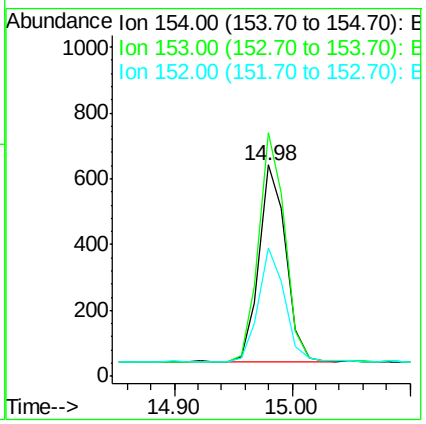


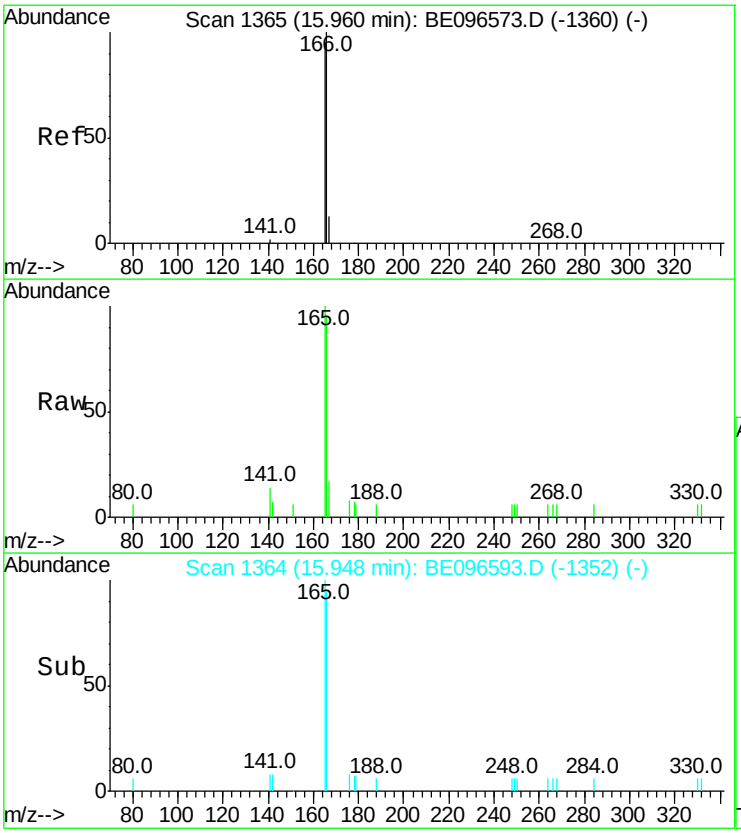
#17
Acenaphthene
Concen: 0.182 ng
RT: 14.98 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 948

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.2	133.8
152	56.0	42.0	63.0

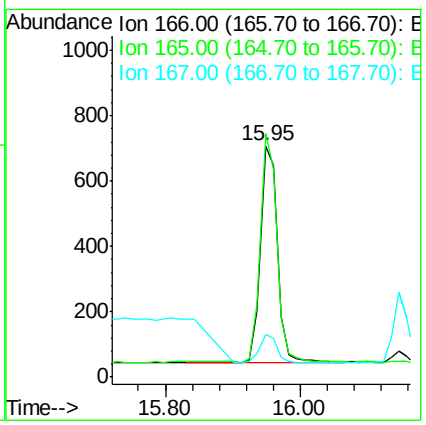


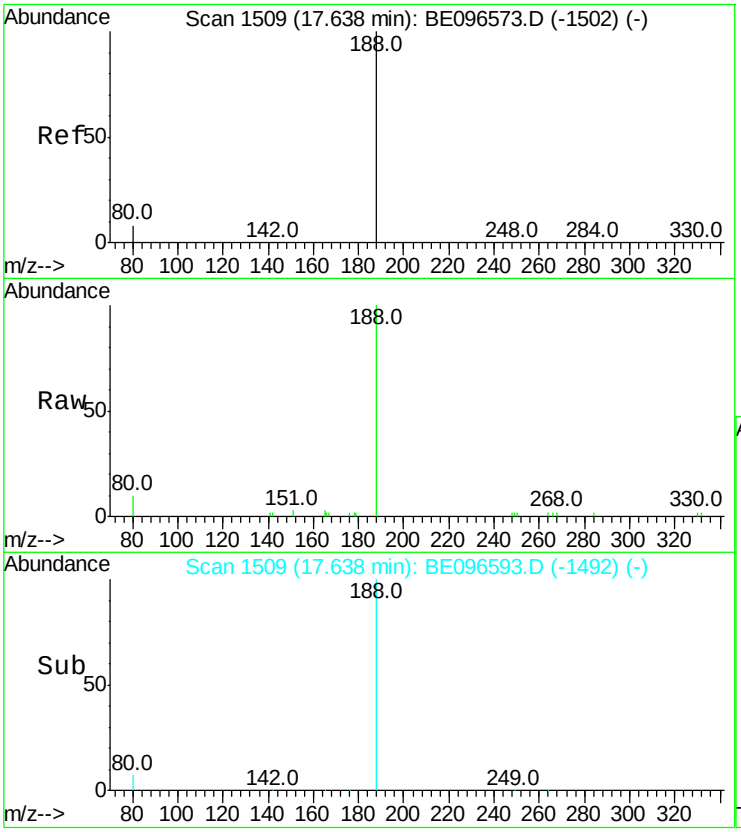


#18
Fluorene
Concen: 0.223 ng
RT: 15.95 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:166 Resp: 1448

Ion	Ratio	Lower	Upper
166	100		
165	80.7	77.8	116.6
167	10.7	42.4	63.6#



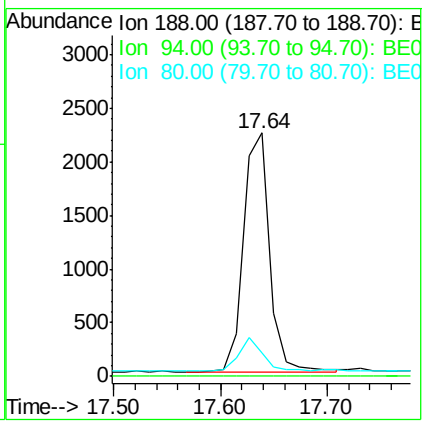


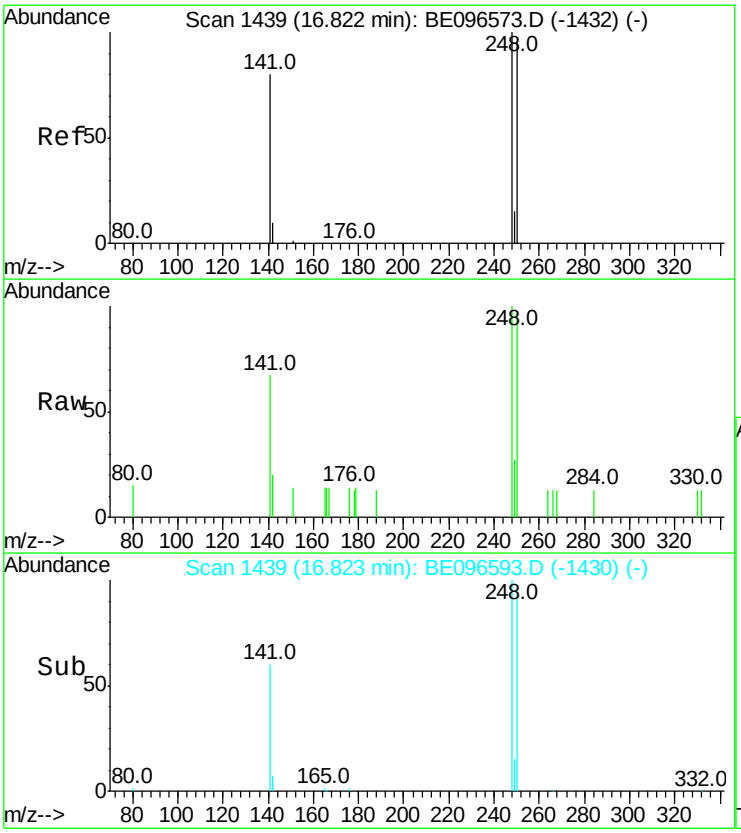
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3742

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.6	3.6	5.4#

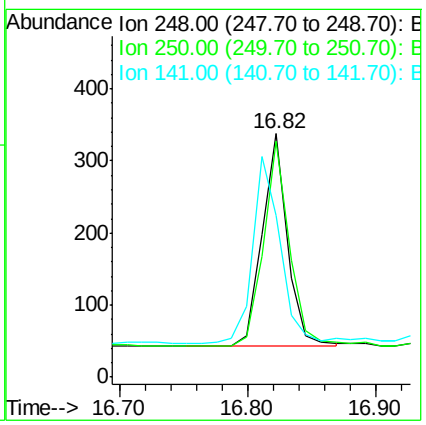


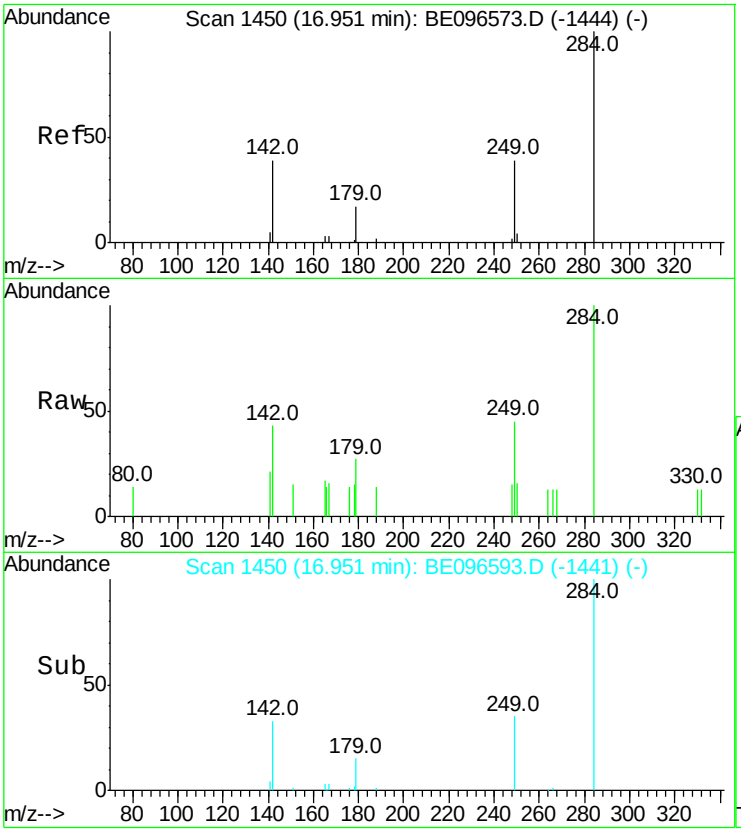


#20
4-Bromophenyl-phenylether
Concen: 0.181 ng
RT: 16.82 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:248 Resp: 410

Ion	Ratio	Lower	Upper
248	100		
250	97.0	62.7	94.1#
141	66.6	48.2	72.2



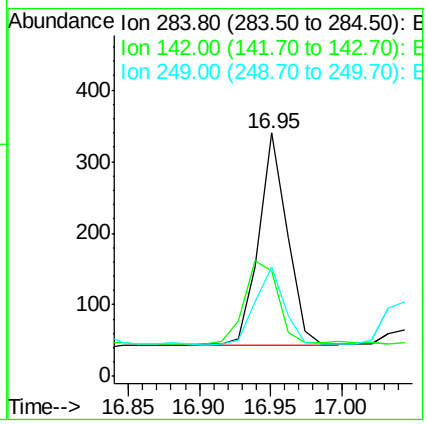


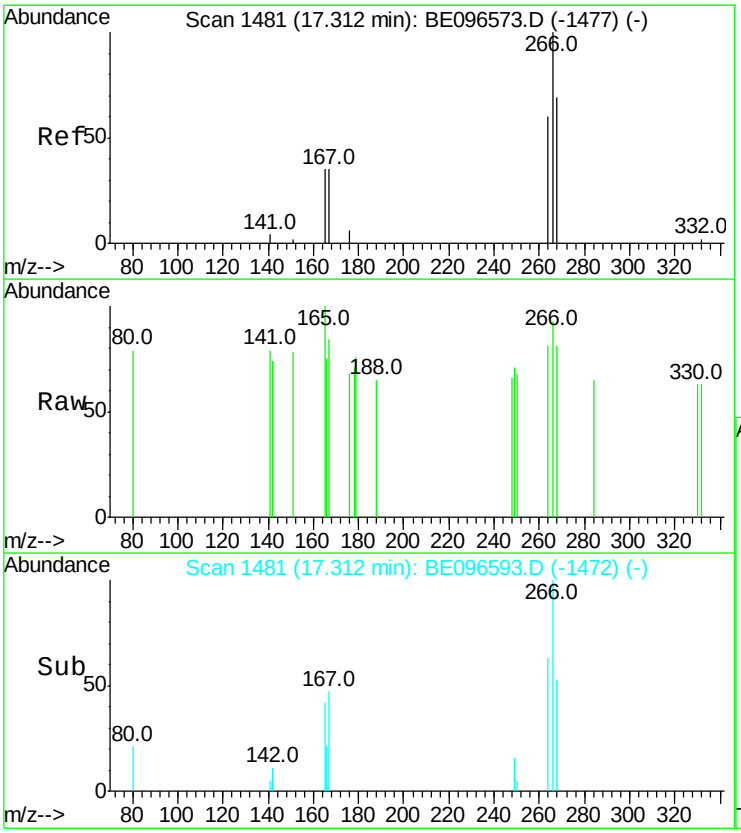
#21
Hexachlorobenzene
Concen: 0.177 ng
RT: 16.95 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 418

Ion	Ratio	Lower	Upper
284	100		
142	46.2	22.1	33.1#
249	38.5	34.8	52.2

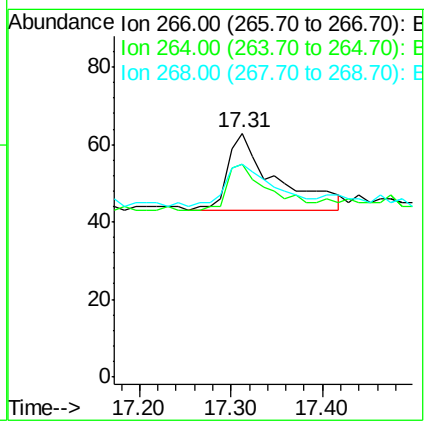


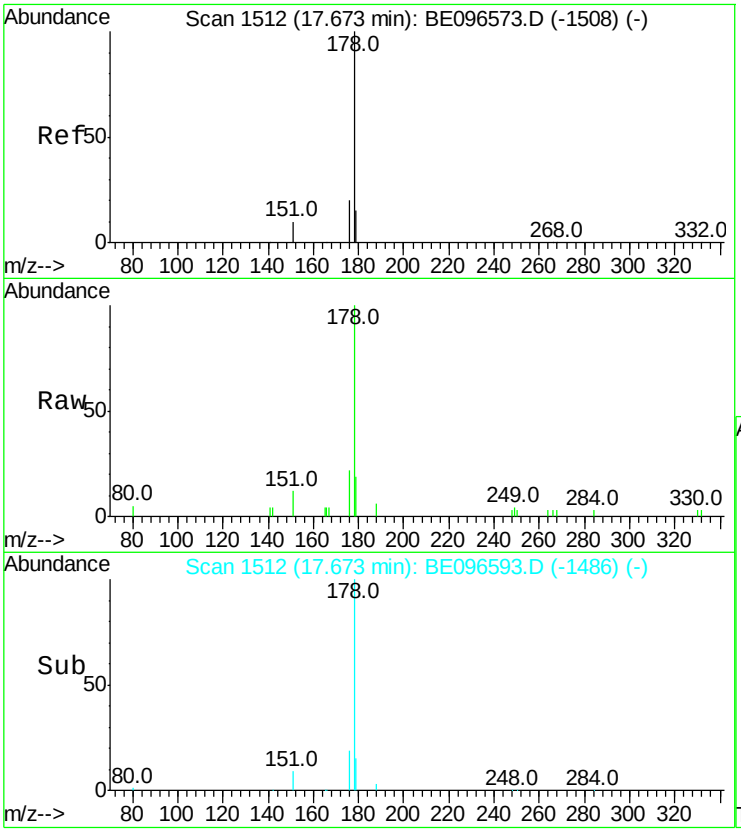


#22
Pentachlorophenol
Concen: 0.277 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:266 Resp: 72

Ion	Ratio	Lower	Upper
266	100		
264	87.3	72.5	108.7
268	87.3	73.8	110.6



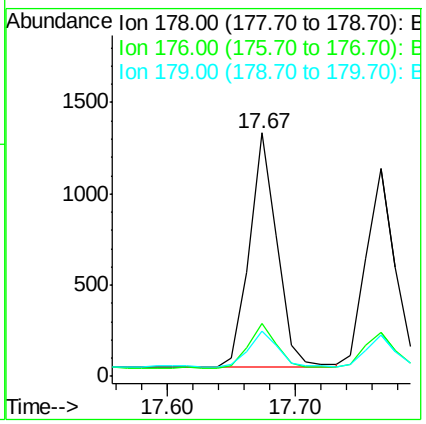


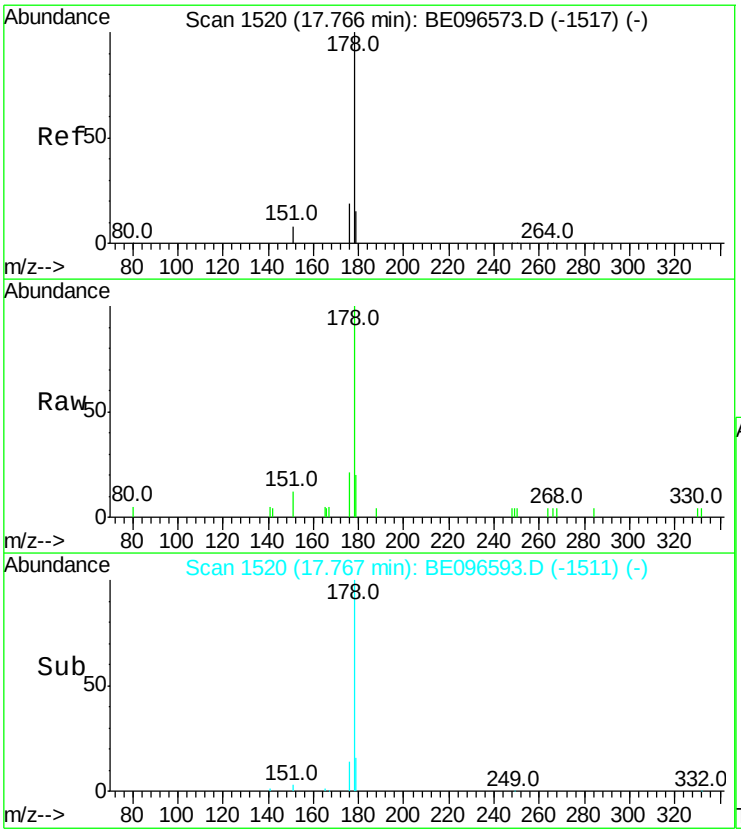
#23
Phenanthrene
Concen: 0.184 ng
RT: 17.67 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1938

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.8	11.8	17.6

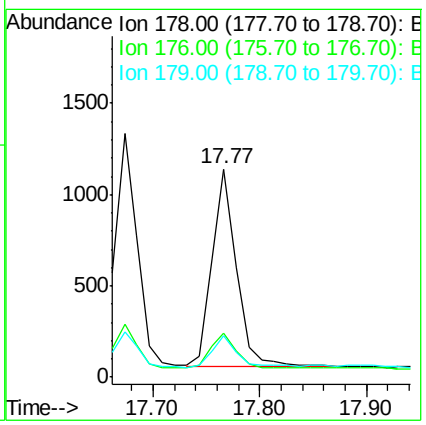


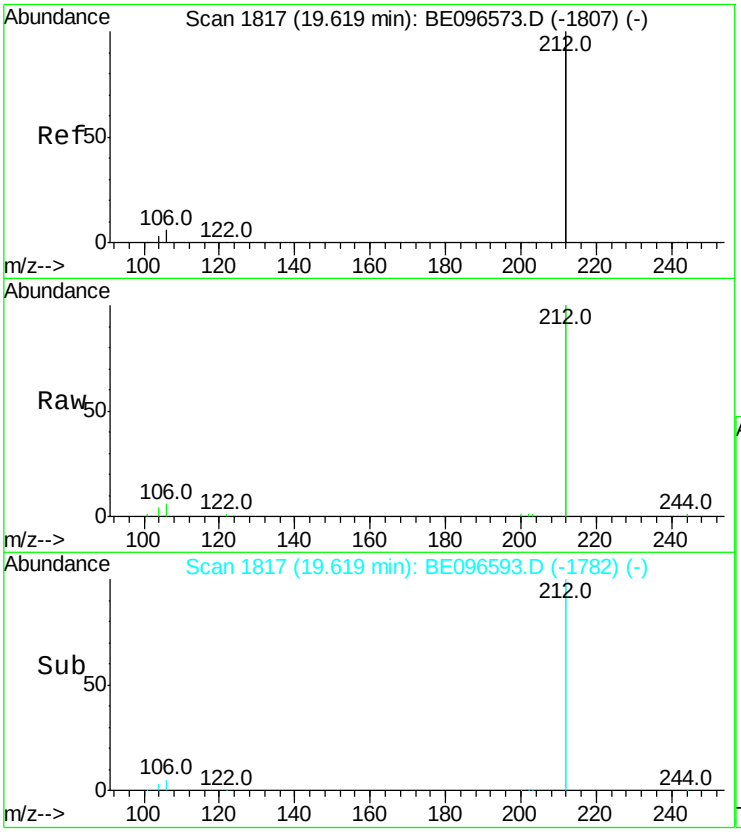


#24
Anthracene
Concen: 0.176 ng
RT: 17.77 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:178 Resp: 1725

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	17.4	13.0	19.6



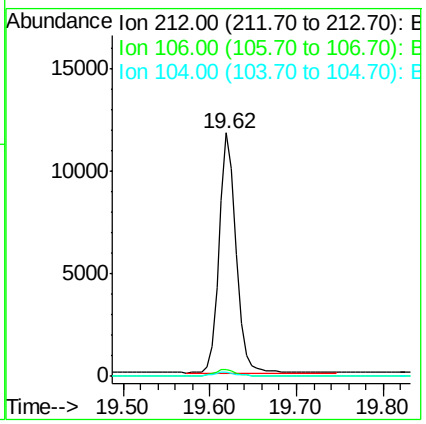


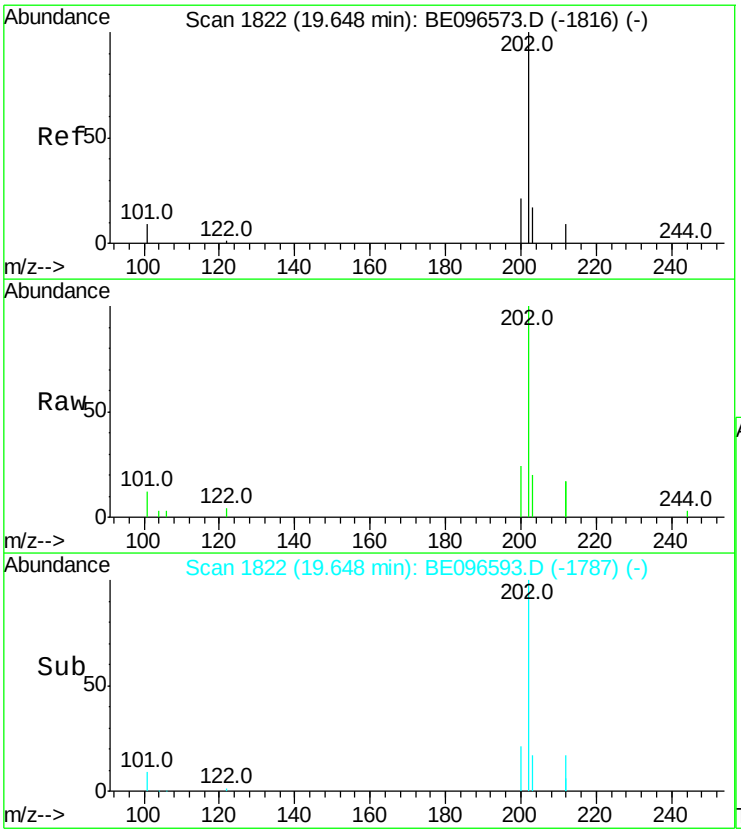
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 15992

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

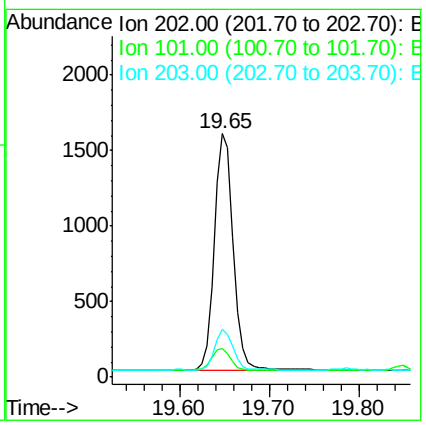


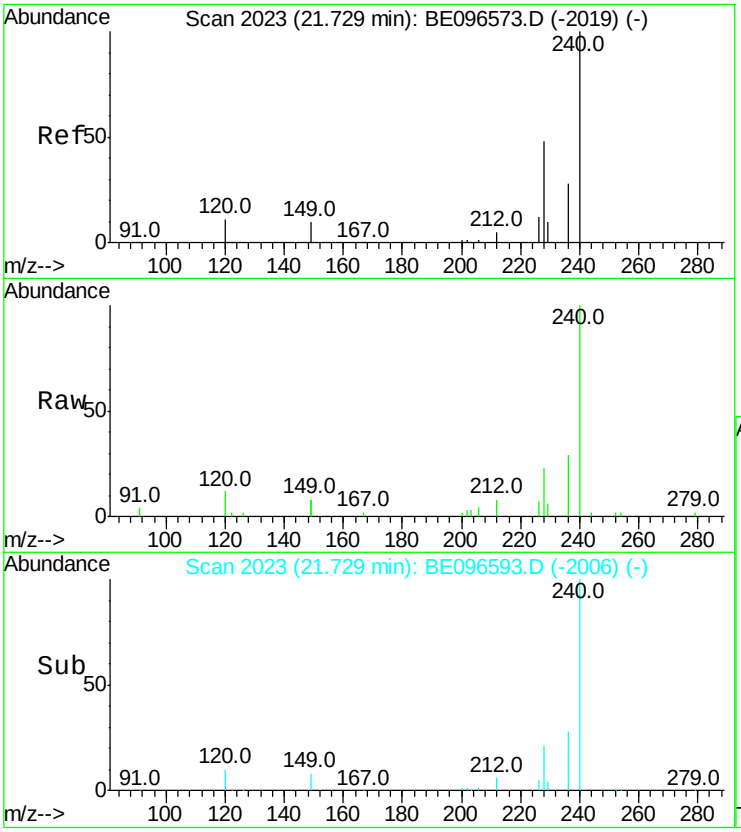


#26
Fluoranthene
Concen: 0.183 ng
RT: 19.65 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:202 Resp: 2296

Ion	Ratio	Lower	Upper
202	100		
101	9.4	9.8	14.8#
203	16.9	13.7	20.5



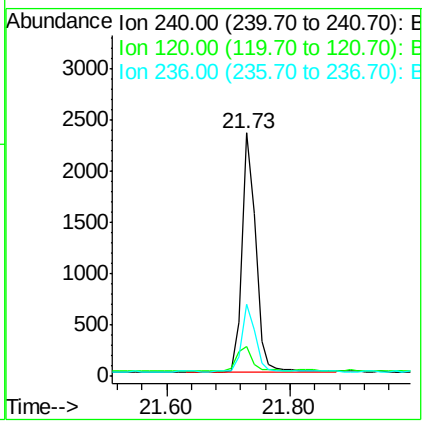


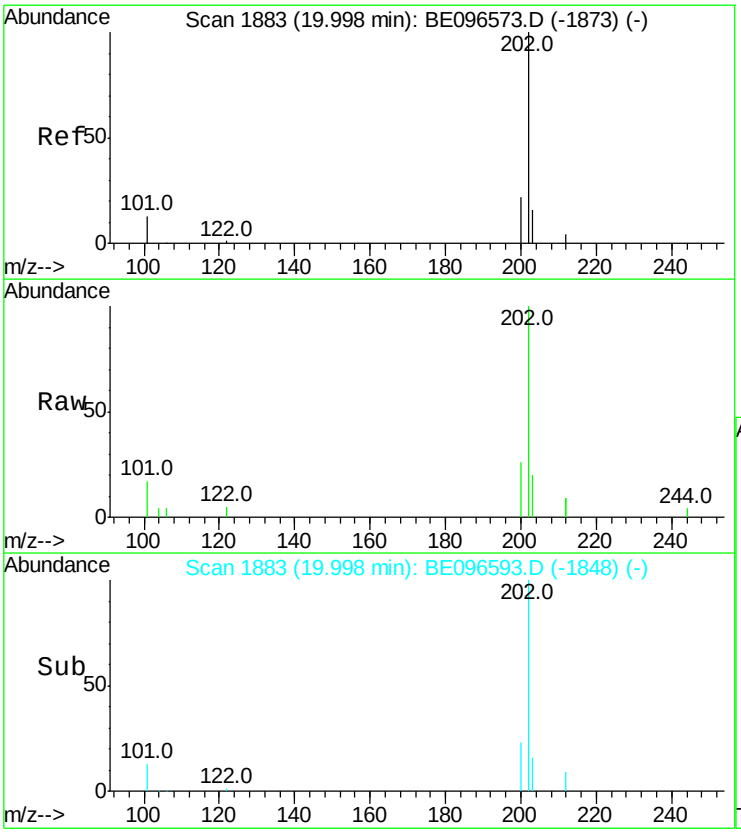
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.73 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3543

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.5	8.3#
236	29.4	20.7	31.1

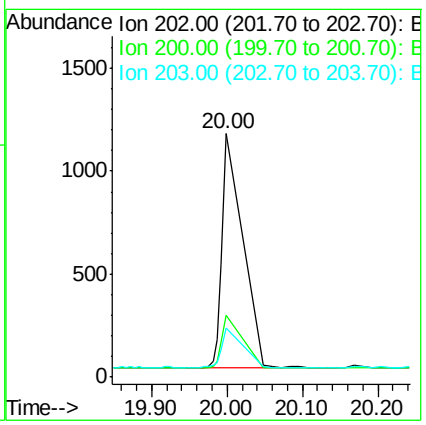


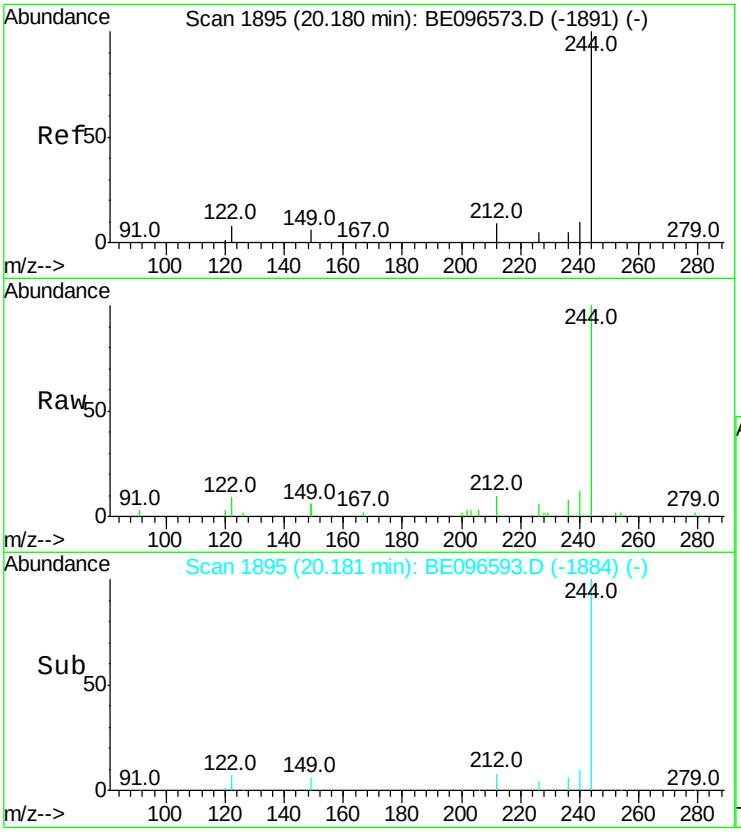


#28
Pyrene
Concen: 0.193 ng
RT: 20.00 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:202 Resp: 1236

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.6	25.0
203	17.3	13.8	20.8



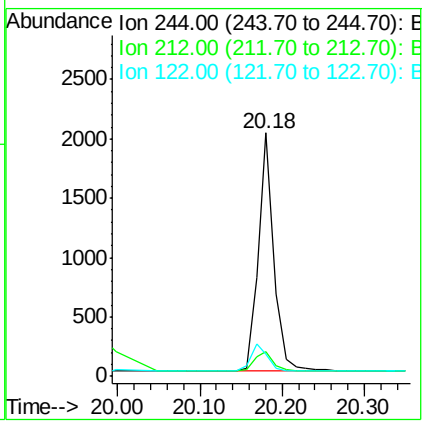


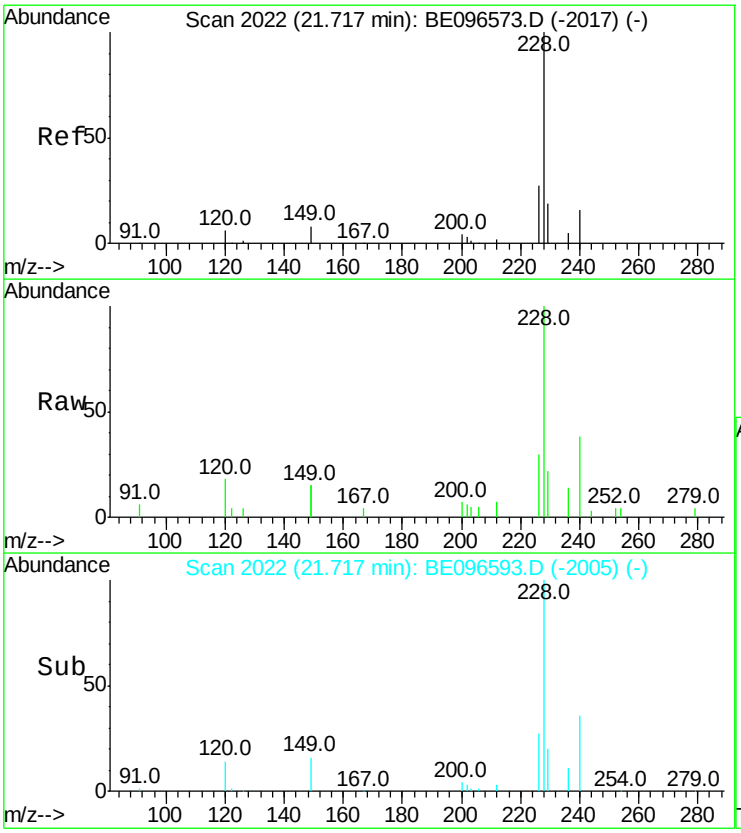
#29
Terphenyl-d14
Concen: 0.333 ng
RT: 20.18 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2672

Ion	Ratio	Lower	Upper
244	100		
212	10.2	25.4	38.0#
122	8.8	8.1	12.1

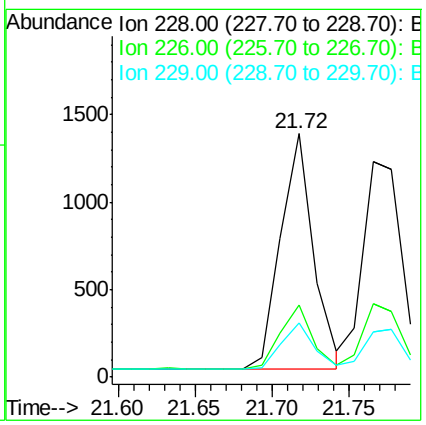


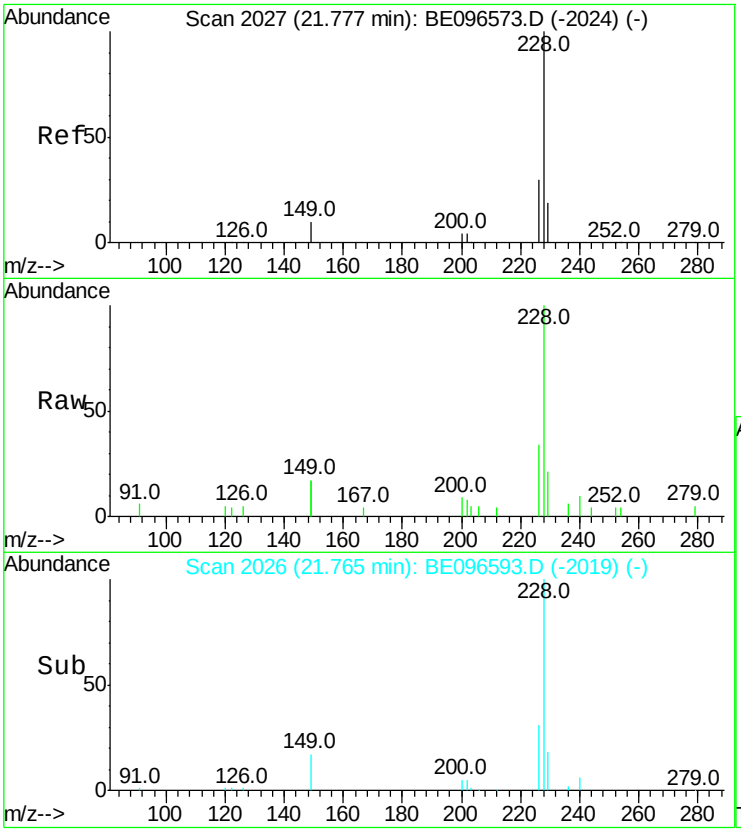


#30
Benzo(a)anthracene
Concen: 0.184 ng
RT: 21.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:228 Resp: 2002

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	22.5	16.0	24.0



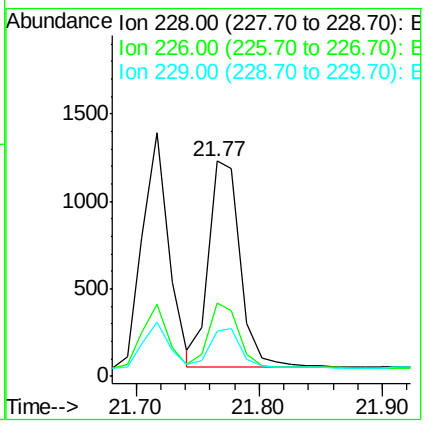


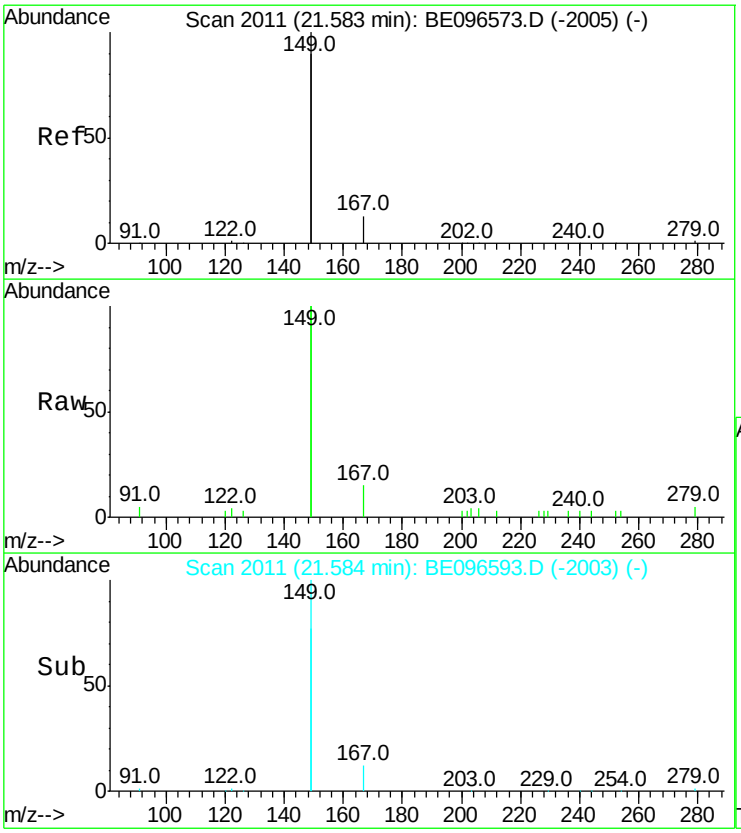
#31
Chrysene
Concen: 0.184 ng
RT: 21.77 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2090

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.0	36.0
229	21.2	16.0	24.0

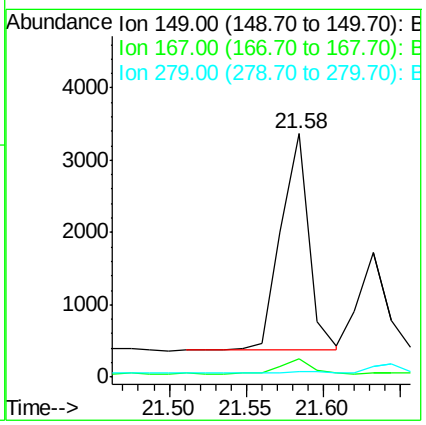


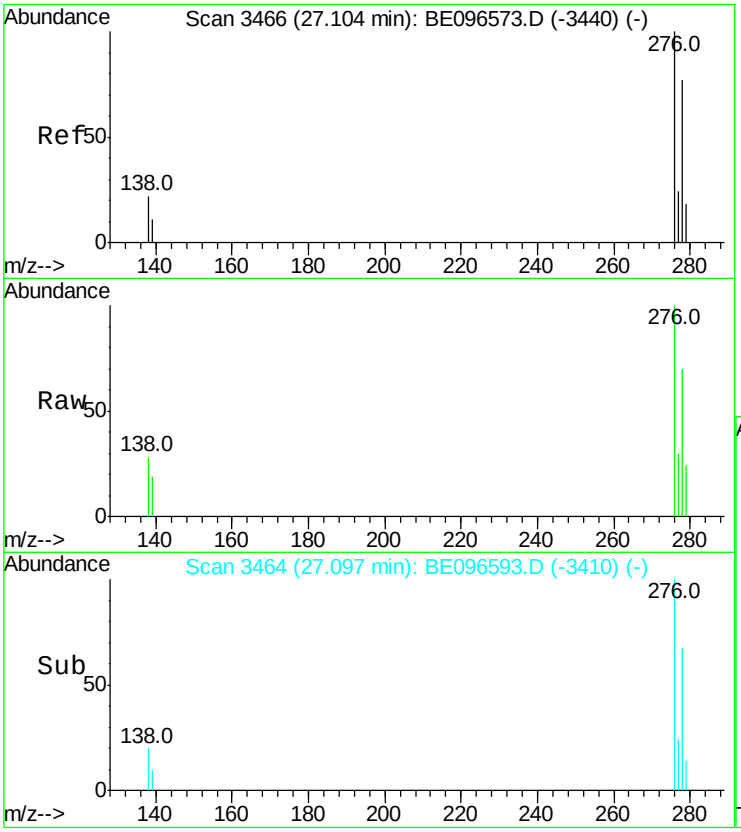


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.58 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:149 Resp: 3798

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



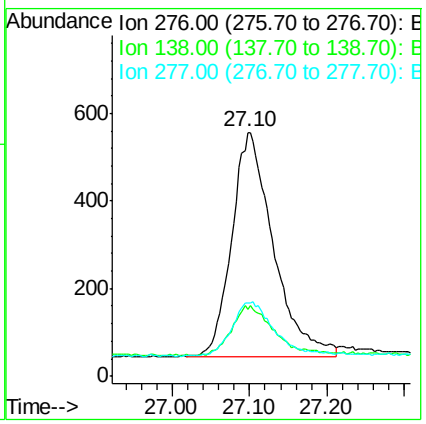


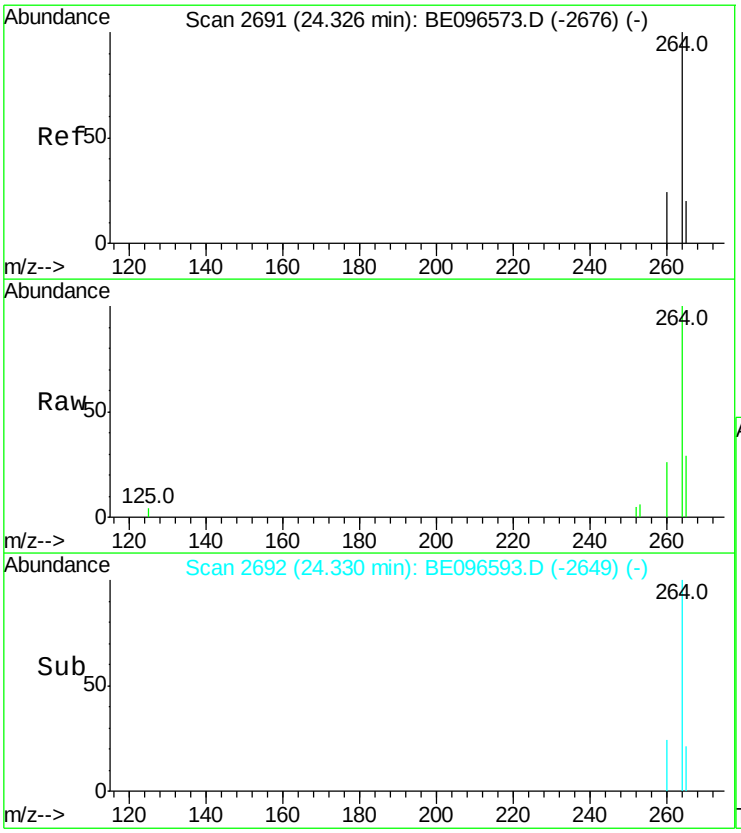
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng
RT: 27.10 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1907

Ion	Ratio	Lower	Upper
276	100		
138	21.4	22.5	33.7#
277	25.1	19.9	29.9

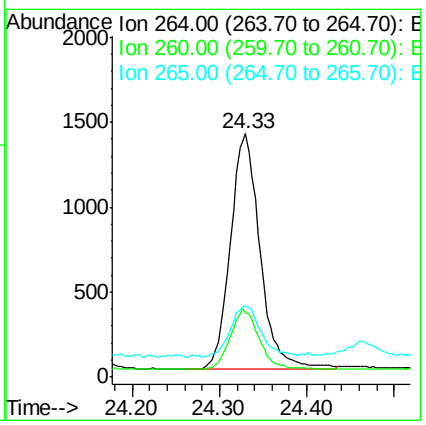


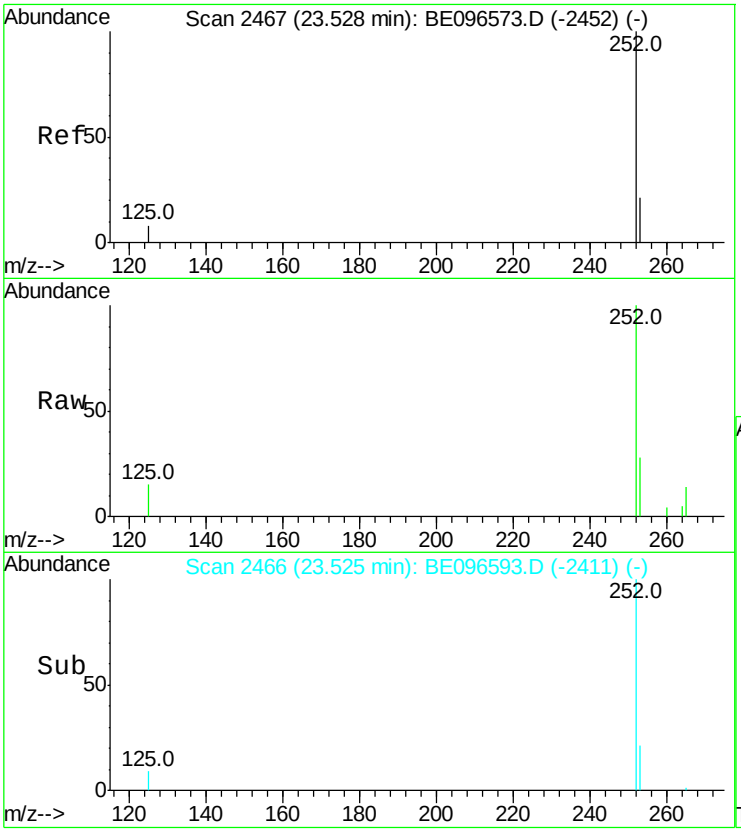


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:264 Resp: 3264

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	29.1	22.8	34.2



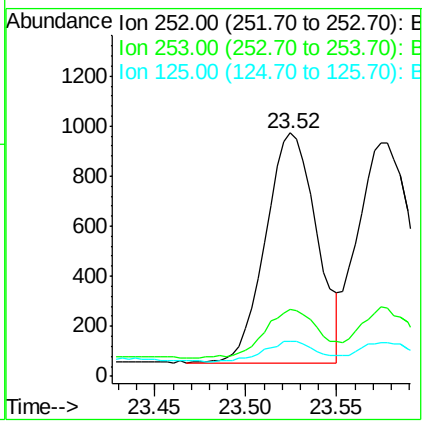


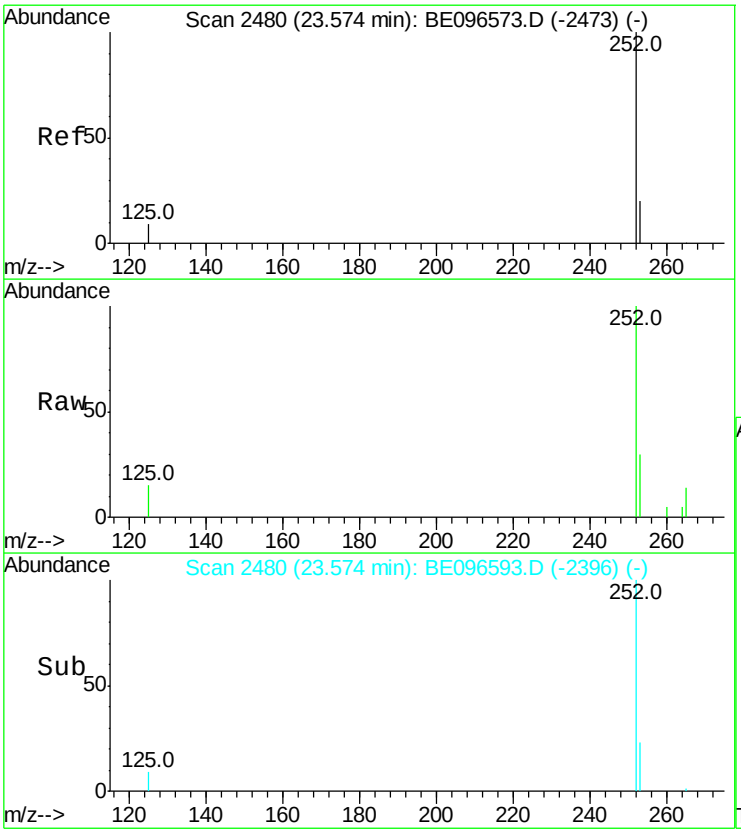
#35
Benzo(b)fluoranthene
Concen: 0.177 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1783

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.0	30.0
125	14.6	16.0	24.0#

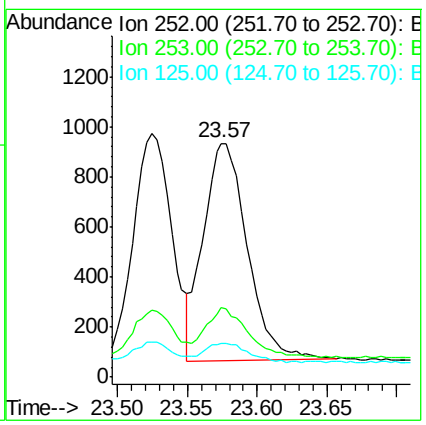


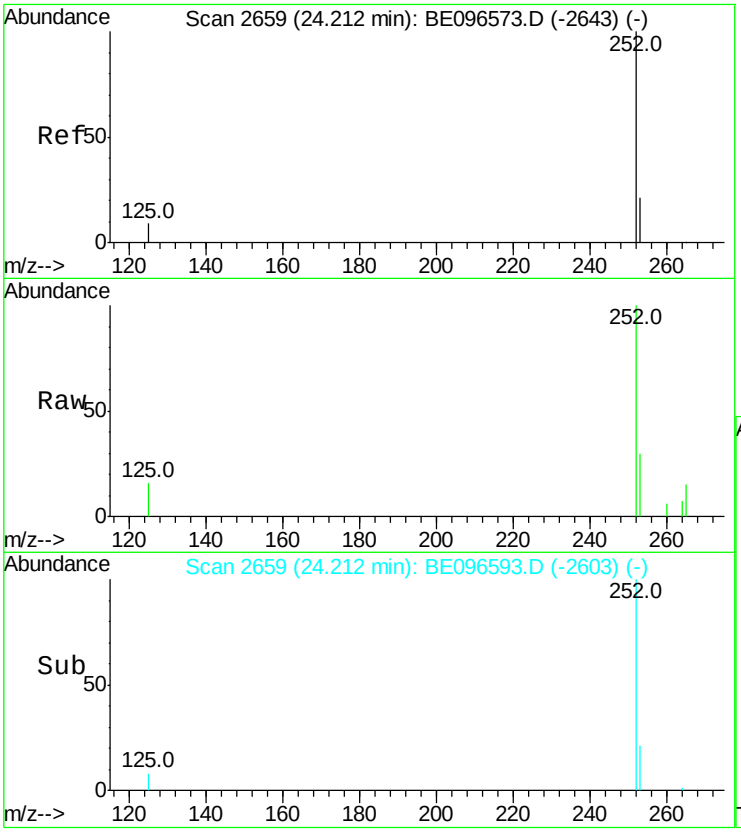


#36
Benzo(k)fluoranthene
Concen: 0.179 ng
RT: 23.57 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:252 Resp: 1903

Ion	Ratio	Lower	Upper
252	100		
253	29.8	16.0	24.0#
125	14.7	8.0	12.0#



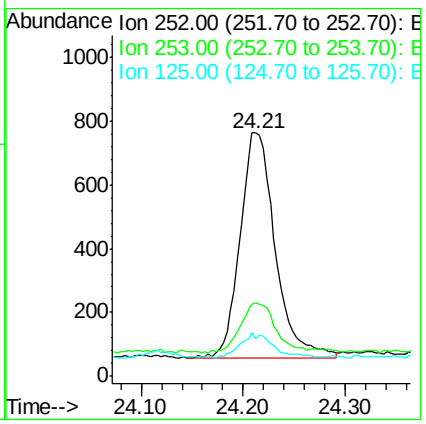


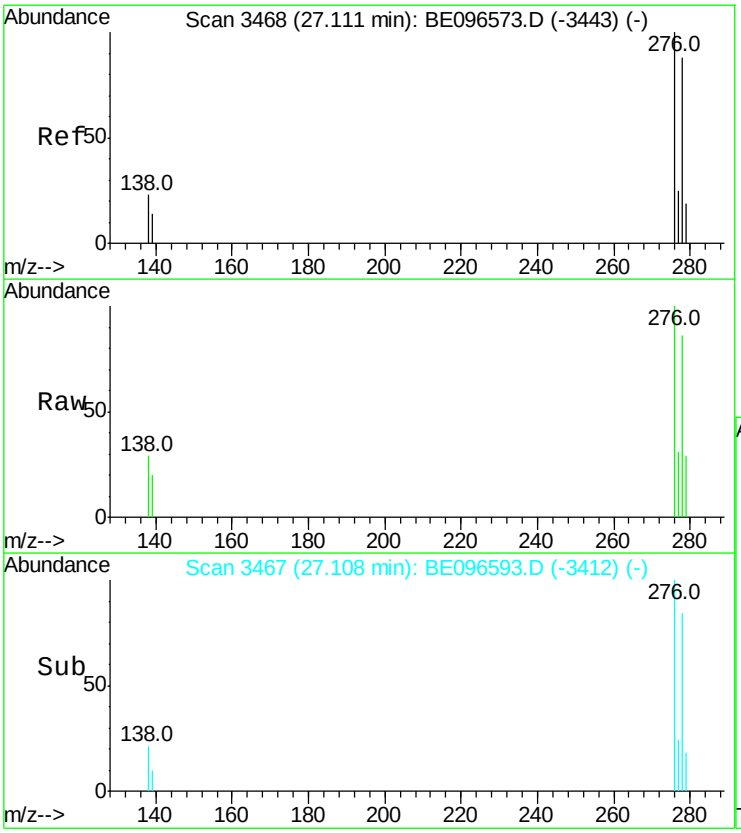
#37
Benzo(a)pyrene
Concen: 0.177 ng
RT: 24.21 min Scan# 2659
Delta R.T. 0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1707

Ion	Ratio	Lower	Upper
252	100		
253	30.1	16.0	24.0#
125	15.6	12.0	18.0

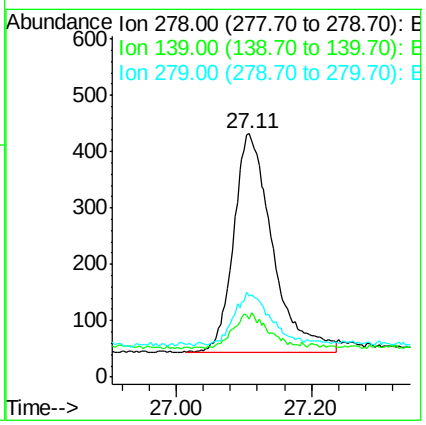


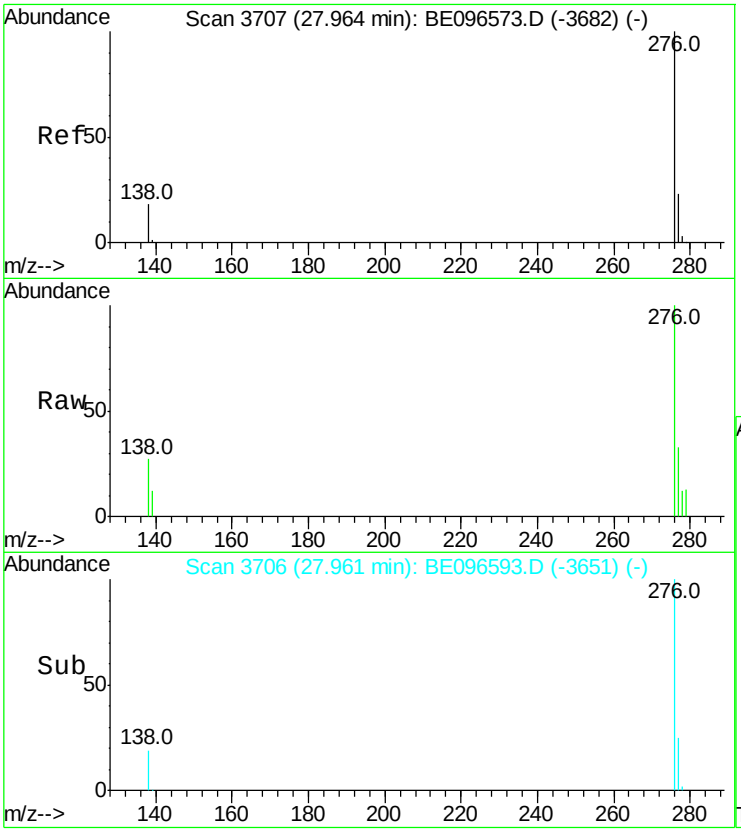


#38
Dibenzo(a,h)anthracene
Concen: 0.176 ng
RT: 27.11 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Tgt Ion:278 Resp: 1552

Ion	Ratio	Lower	Upper
278	100		
139	23.8	16.0	24.0
279	33.3	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.181 ng
RT: 27.96 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BE096593.D
Acq: 16 May 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1670

Ion	Ratio	Lower	Upper
276	100		
277	32.6	16.0	24.0#
138	27.1	20.0	30.0