Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
Data File : BE096839.D
Acq On : 21 Jun 2018 11:22
Operator : SJ/JU
Sample : PB110435BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 22 02:28:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 15:45:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3287	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	13790	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5784	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	14898	0.40	ng		0.00
27) Chrysene-d12	20.98	240	12807	0.40	ng		0.00
34) Perylene-d12	23.22	264	10797	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	2423	0.33	ng		0.01
5) Phenol-d6	6.59	99	3196	0.29	ng		0.00
8) Nitrobenzene-d5	8.53	82	2734	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	6219	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	287	0.31	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	8469	0.40	ng		0.00
25) Fluoranthene-d10	18.81	212	49396	0.38	ng		0.00
29) Terphenyl-d14	19.44	244	9624	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	46	0.009	ng	#	16
6) bis(2-Chloroethyl)ether	6.85	93	10	0.001	ng	#	73
9) Naphthalene	10.20	128	51	0.000	ng	#	50
10) Hexachlorobutadiene	10.52	225	3	0.001	ng	#	1
12) 2-Methylnaphthalene	11.82	142	18	0.001	ng	#	59
16) Acenaphthylene	13.75	152	26	0.001	ng	#	64
17) Acenaphthene	14.08	154	12	0.001	ng	#	44
18) Fluorene	15.09	166	15	0.001	ng	#	52
20) 4-Bromophenyl-phenylether	16.01	248	6	0.001	ng	#	58
21) Hexachlorobenzene	16.09	284	3	0.000	ng	#	1
22) Pentachlorophenol	16.39	266	4	0.038	ng		94
23) Phenanthrene	16.81	178	53	0.001	ng	#	44
24) Anthracene	16.89	178	27	0.001	ng	#	1
26) Fluoranthene	18.84	202	42	0.001	ng	#	72
28) Pyrene	19.21	202	37	0.001	ng	#	74
30) Benzo(a)anthracene	20.98	228	63	0.002	ng	#	15
31) Chrysene	20.98	228	54	0.002	ng	#	15
32) Bis(2-ethylhexyl)phthalate	20.93	149	289	0.011	ng	#	87
33) Indeno(1,2,3-cd)pyrene	25.51	276	3	0.000	ng	#	48
35) Benzo(b)fluoranthene	22.54	252	15	0.001	ng	#	1
36) Benzo(k)fluoranthene	22.58	252	5	0.083	ng	#	1
37) Benzo(a)pyrene	23.10	252	8	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	25.54	278	9	0.110	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	2	0.000	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
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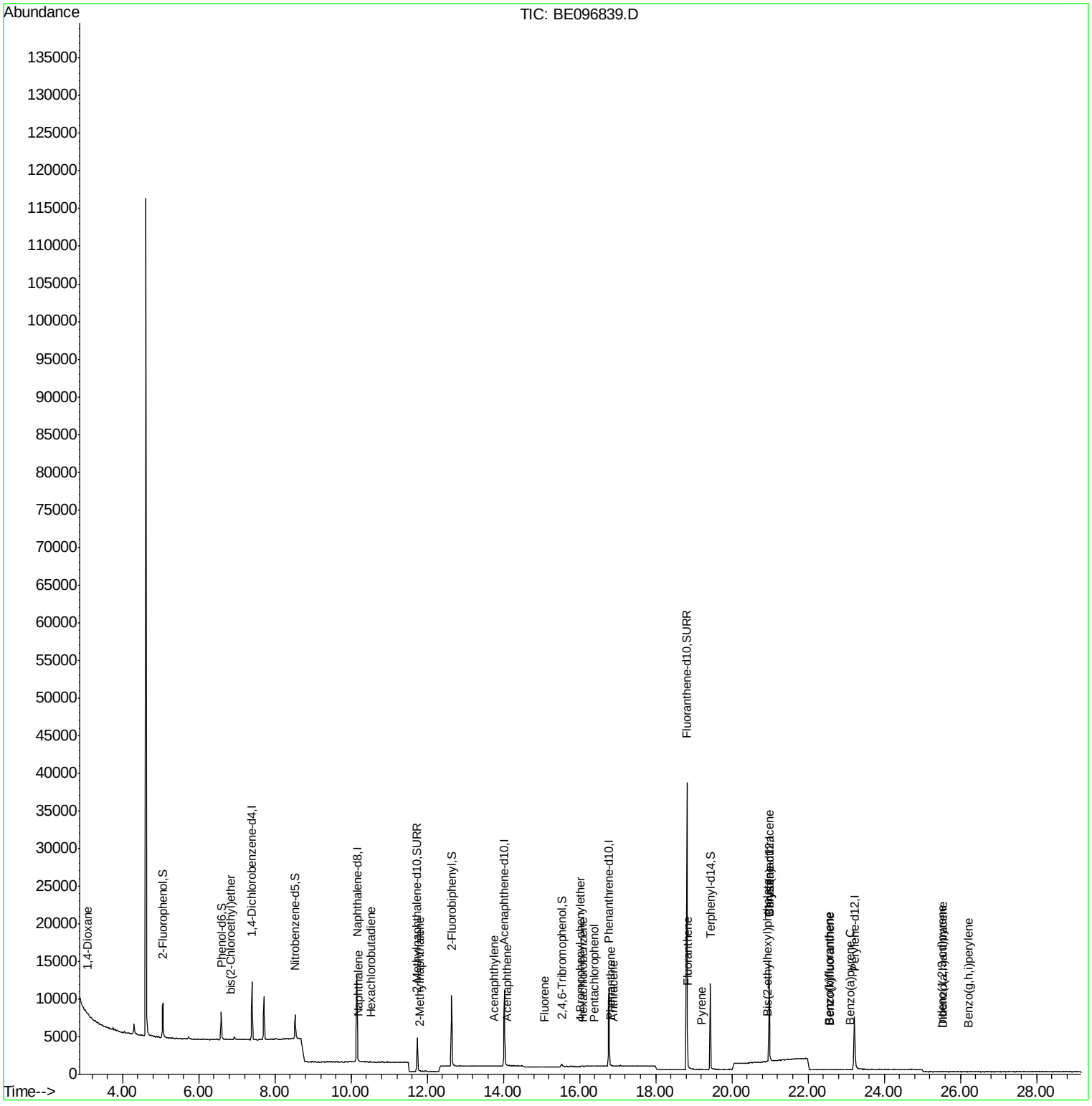
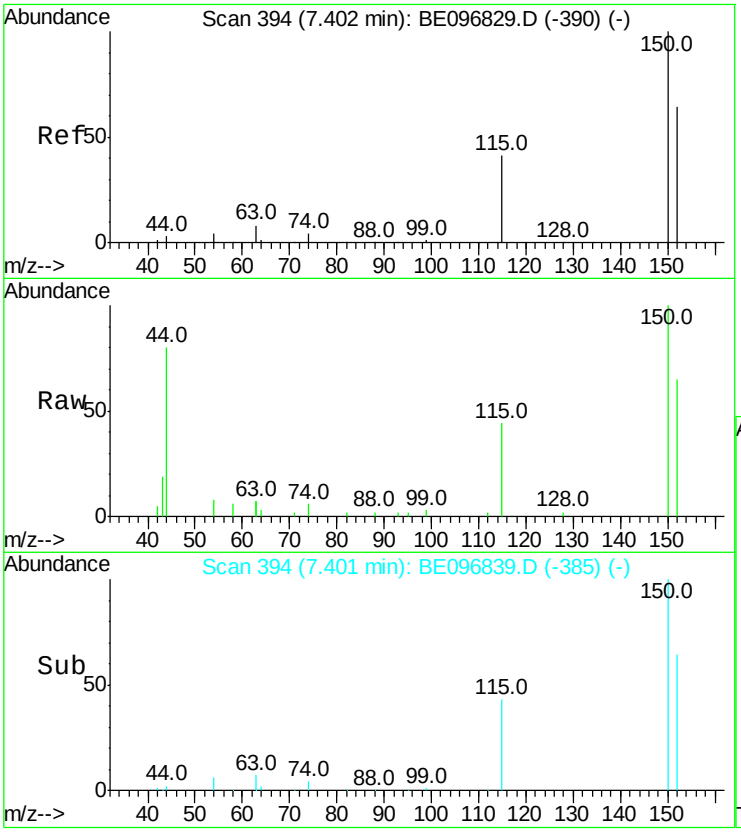
Acq On : 21 Jun 2018 11:22
Operator : SJ/JU
Sample : PB110435BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 22 02:28:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 15:45:14 2018
Response via : Initial Calibration



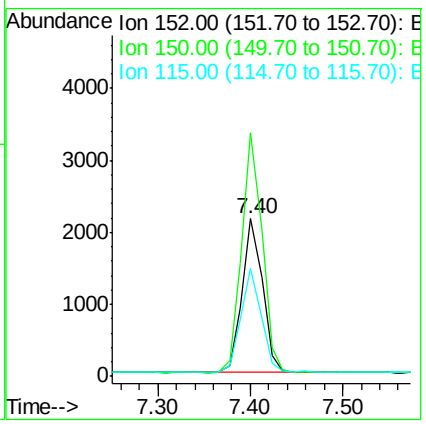


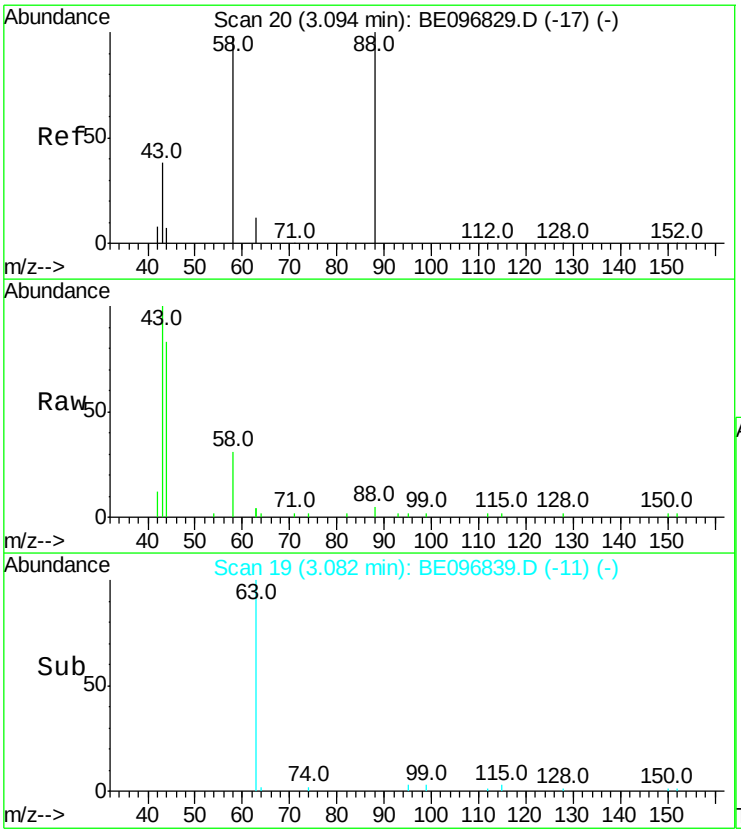
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3287

Ion	Ratio	Lower	Upper
152	100		
150	154.7	117.2	175.8
115	68.5	57.0	85.6

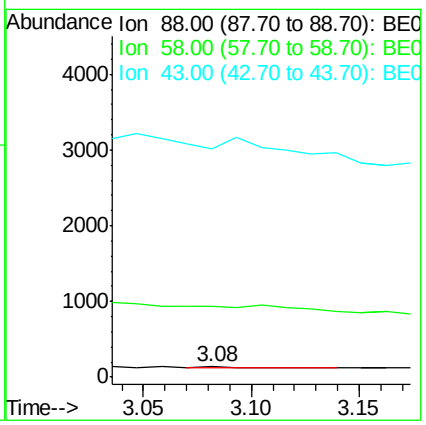


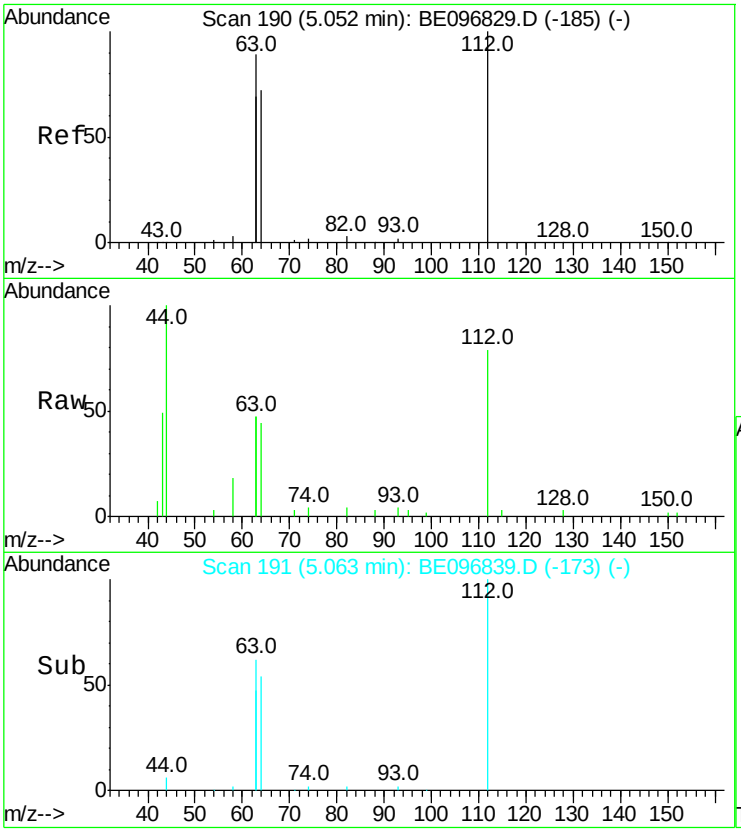


#2
1,4-Dioxane
Concen: 0.009 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion: 88 Resp: 46

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



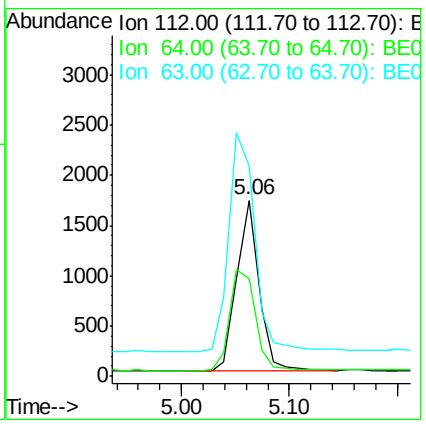


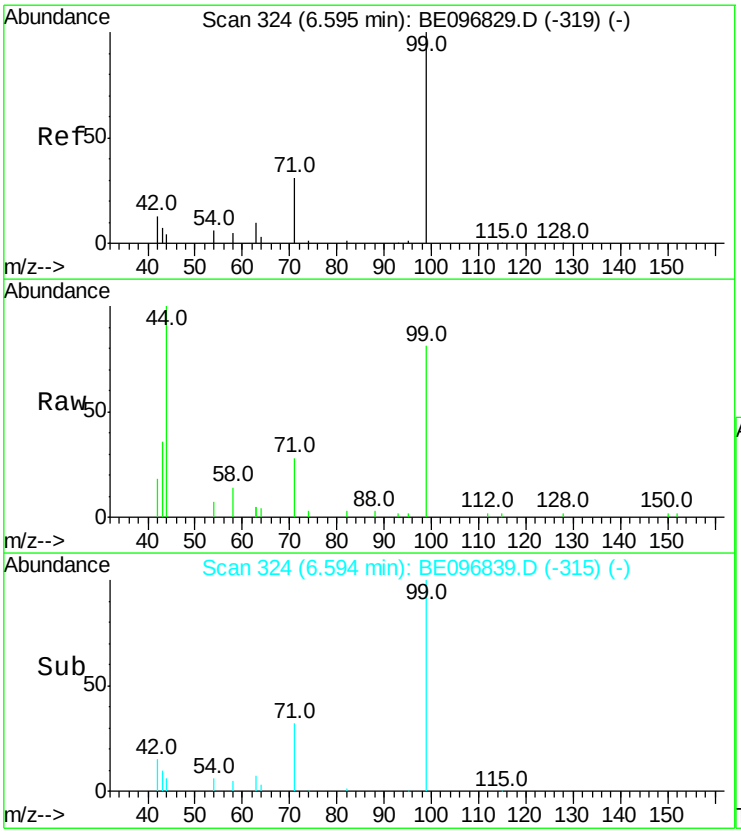
#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2423

Ion	Ratio	Lower	Upper
112	100		
64	70.2	60.1	90.1
63	152.0	116.8	175.2

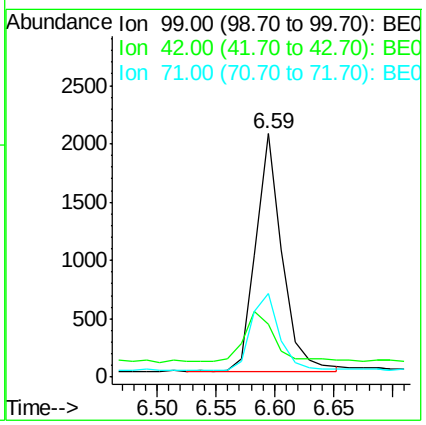


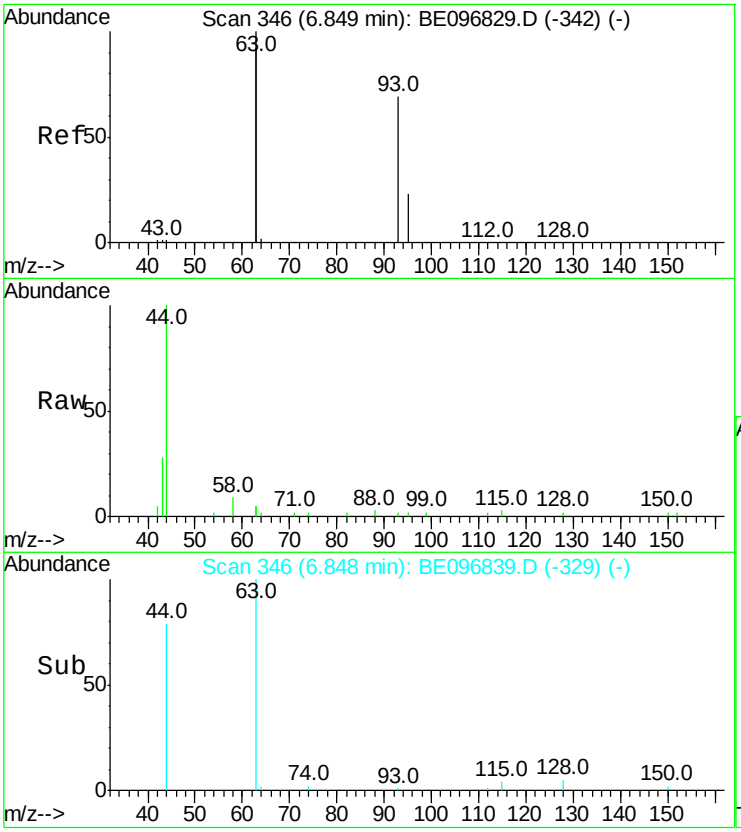


#5
Phenol-d6
Concen: 0.292 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion: 99 Resp: 3196

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.2	30.2
71	35.3	28.4	42.6



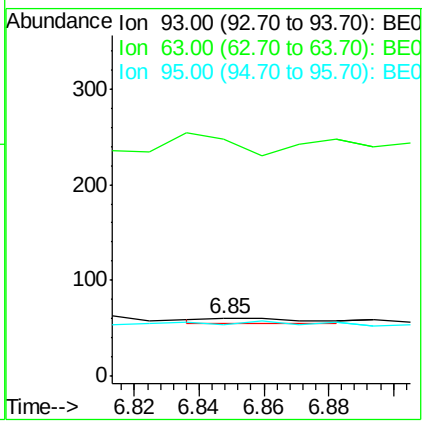


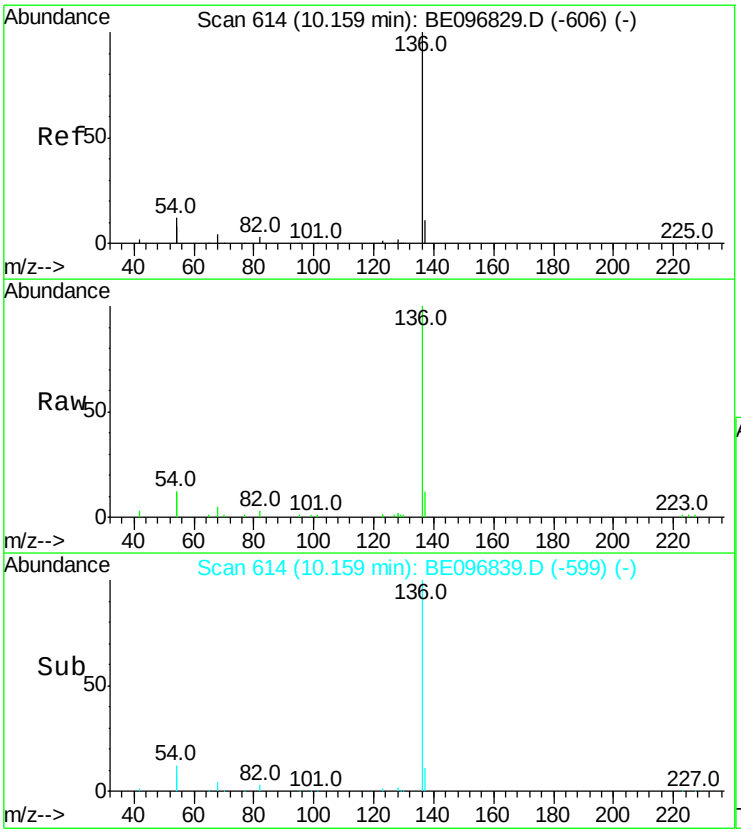
#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 6.85 min Scan# 346
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 10

Ion	Ratio	Lower	Upper
93	100		
63	290.0	275.3	412.9
95	60.0	25.2	37.8#

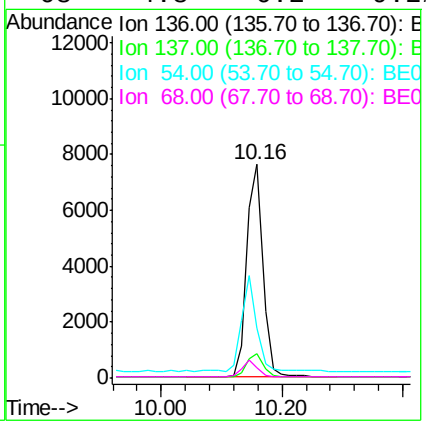


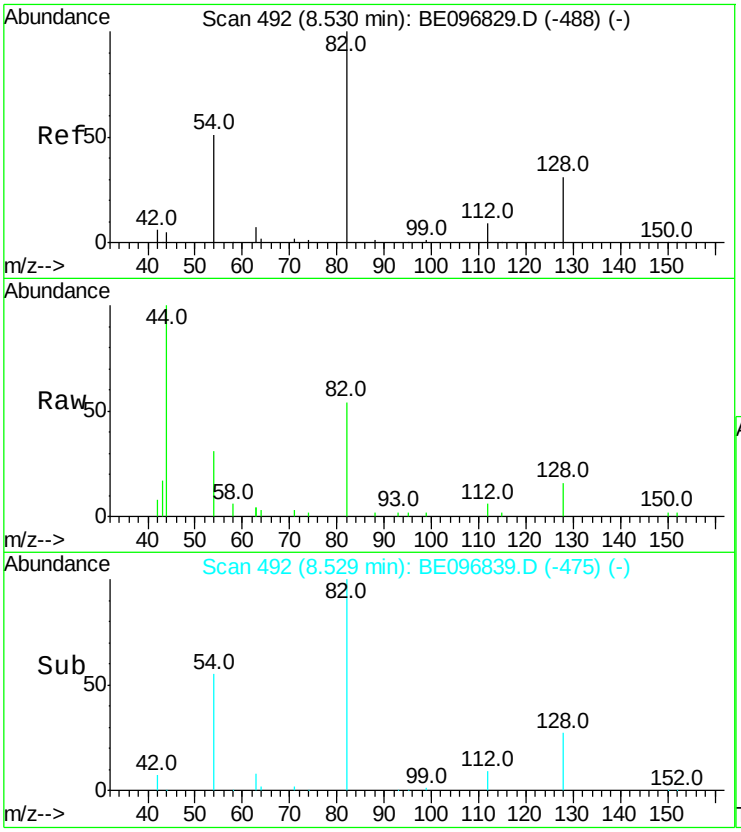


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:136 Resp: 13790

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	23.2	29.1	43.7#
68	4.8	6.2	9.2#



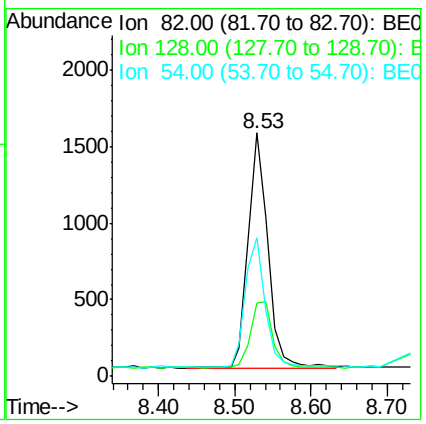


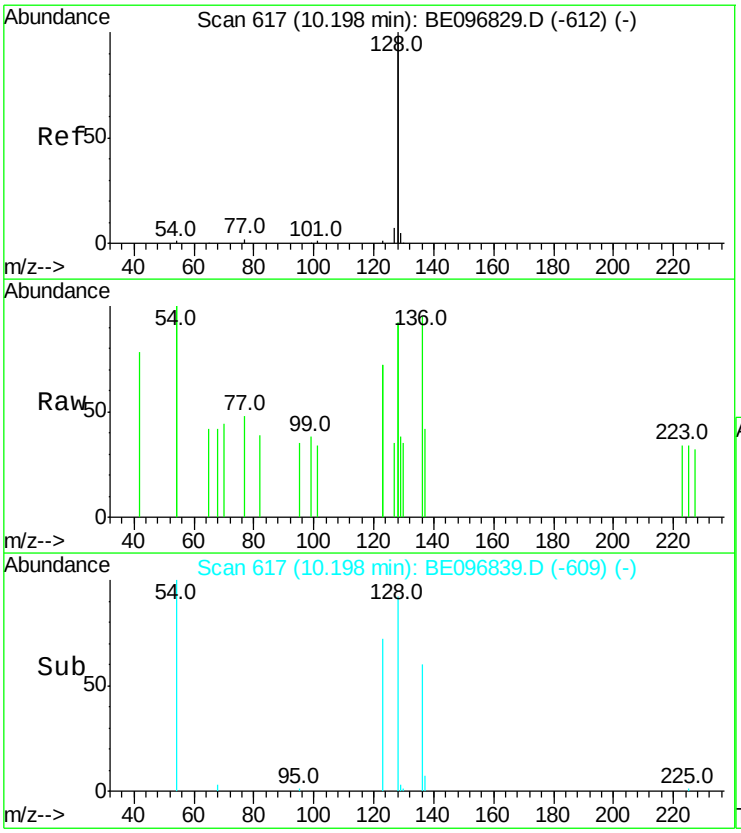
#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 2734

Ion	Ratio	Lower	Upper
82	100		
128	29.9	24.0	36.0
54	56.9	40.0	60.0

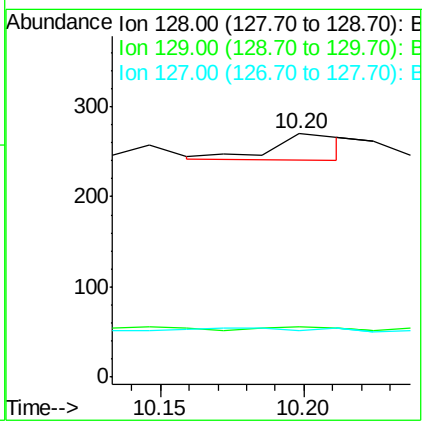


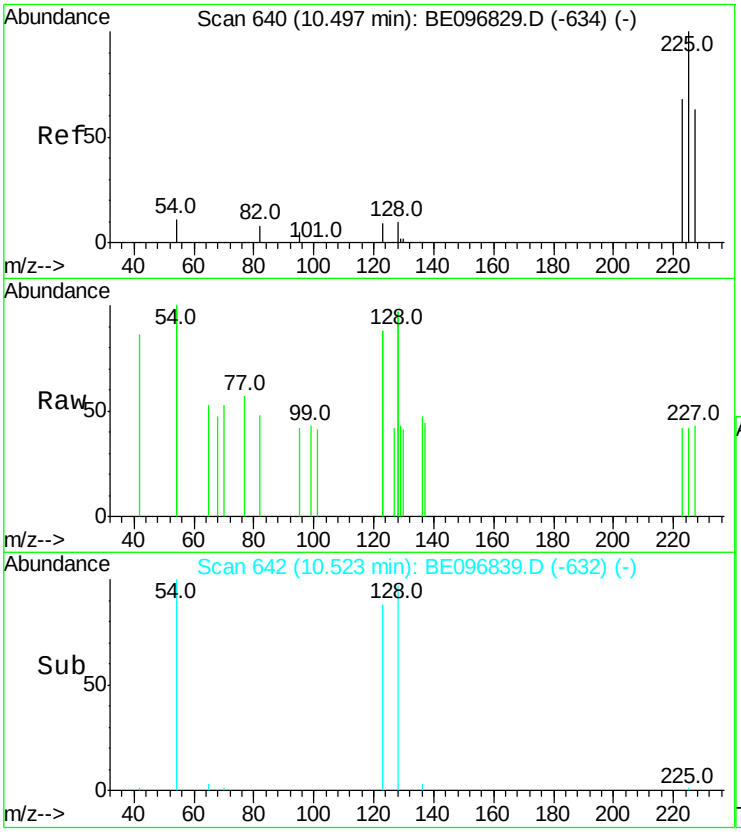


#9
Naphthalene
Concen: 0.000 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:128 Resp: 51

Ion	Ratio	Lower	Upper
128	100		
129	20.7	2.6	3.8#
127	18.9	2.8	4.2#



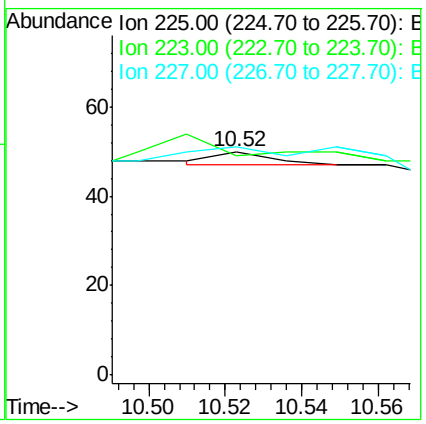


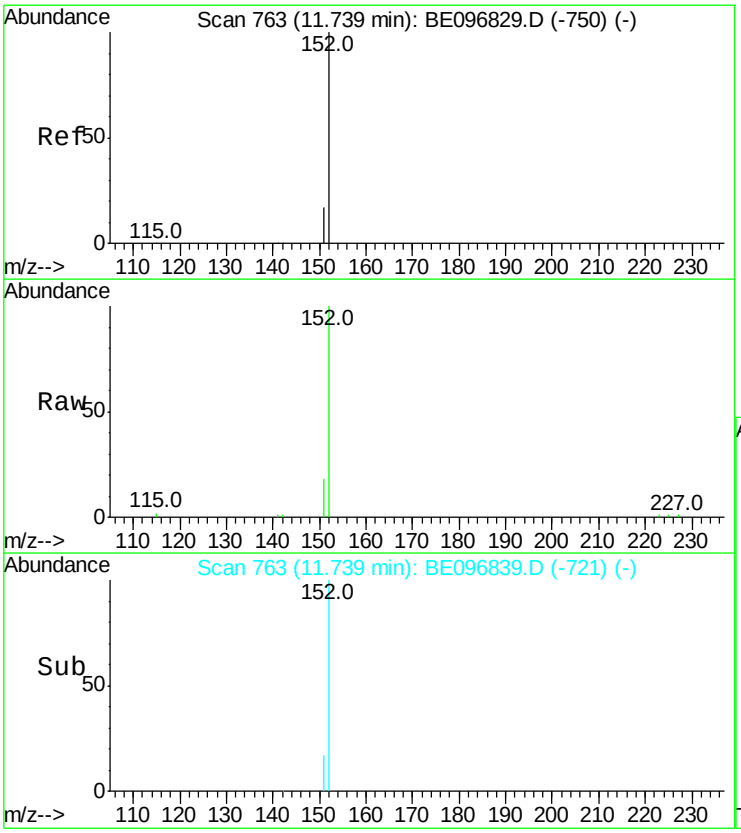
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.52 min Scan# 642
Delta R.T. 0.03 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	400.0	53.0	79.6#
227	300.0	51.4	77.2#

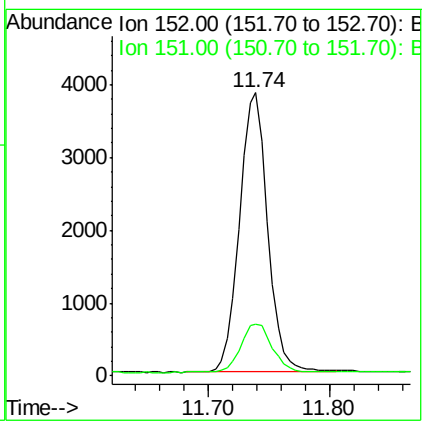


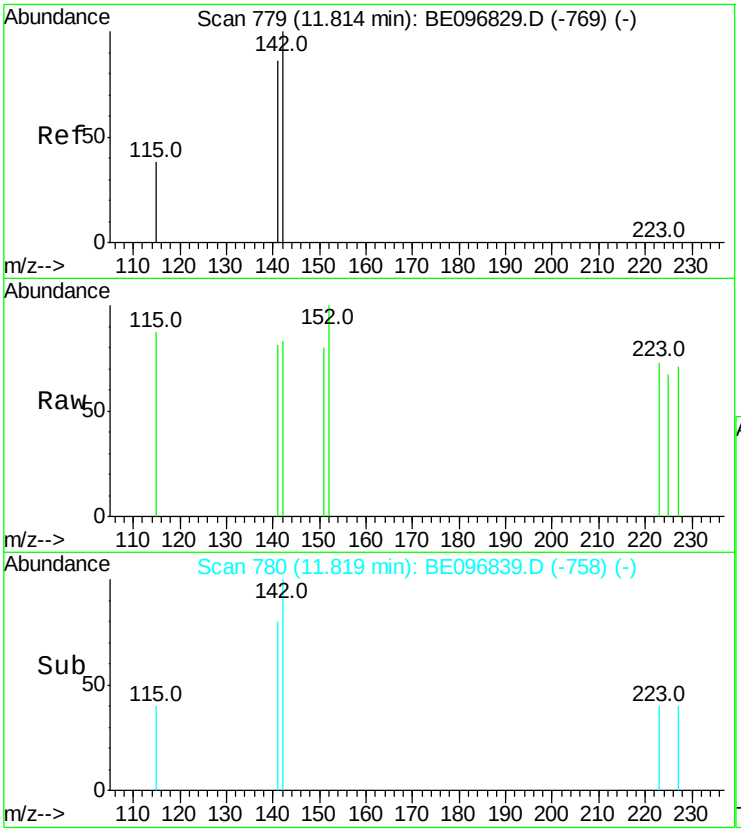


#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:152 Resp: 6219

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0



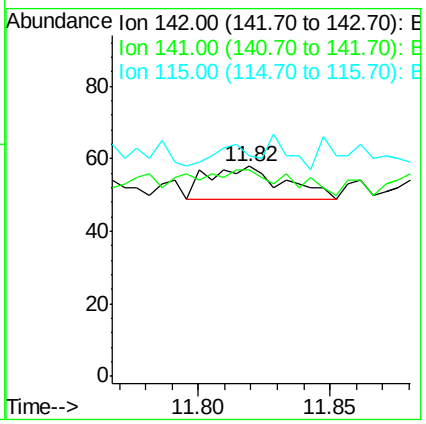


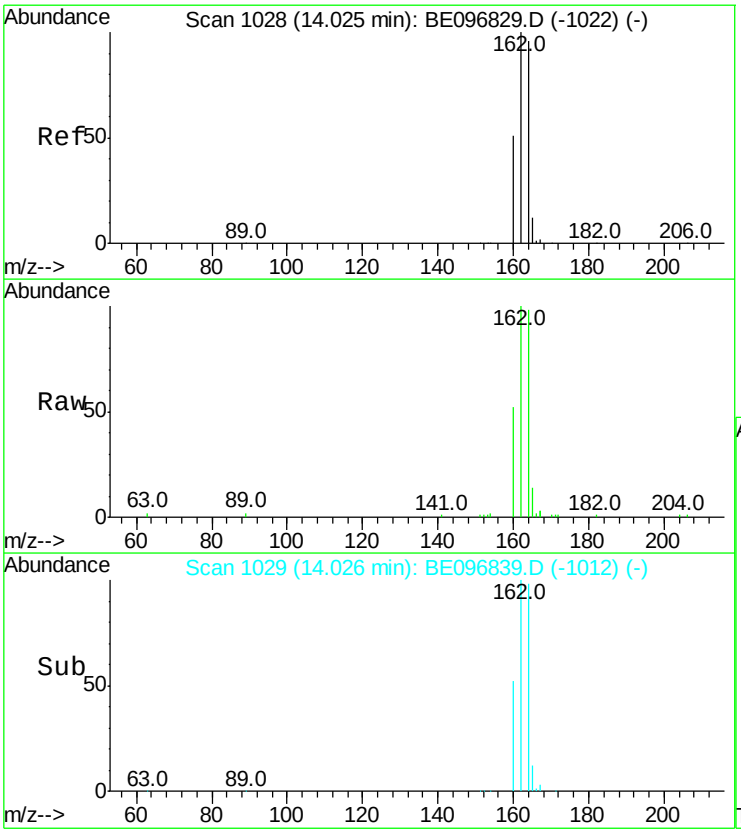
#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 11.82 min Scan# 780
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 18

Ion	Ratio	Lower	Upper
142	100		
141	98.3	70.4	105.6
115	105.2	31.7	47.5#

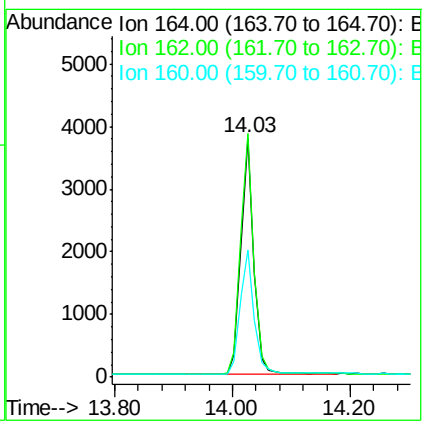


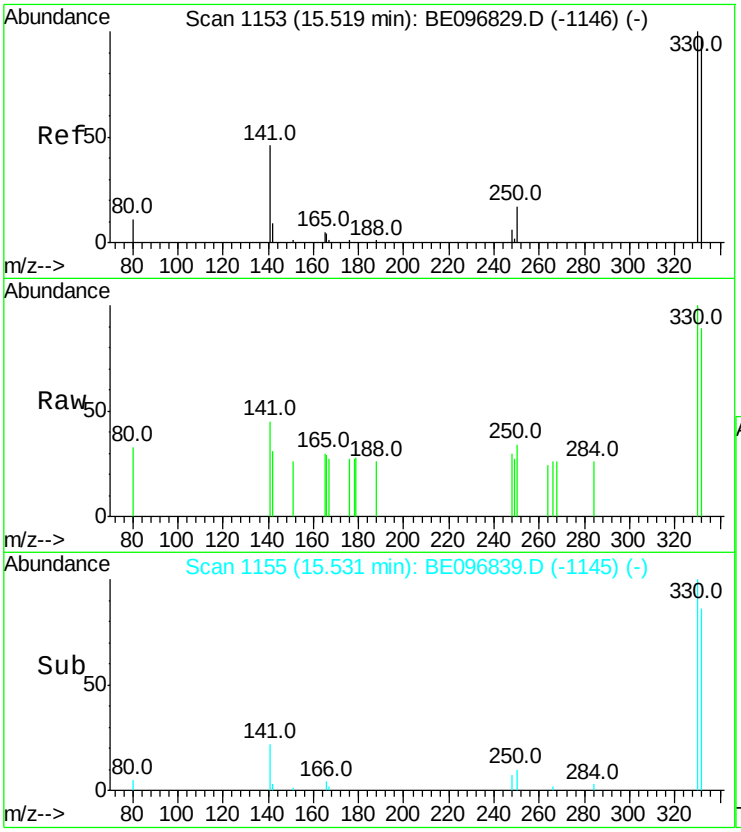


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:164 Resp: 5784

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.1	124.7
160	53.3	37.1	55.7



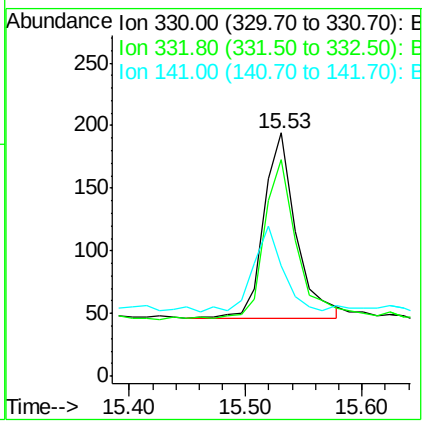


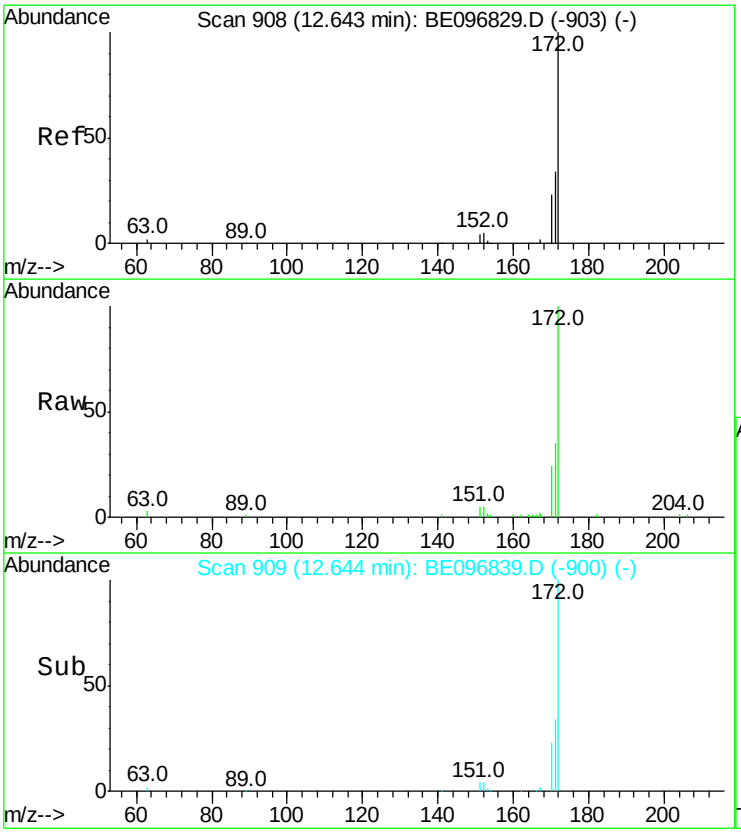
#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 287

Ion	Ratio	Lower	Upper
330	100		
332	84.3	152.7	229.1#
141	43.2	33.7	50.5

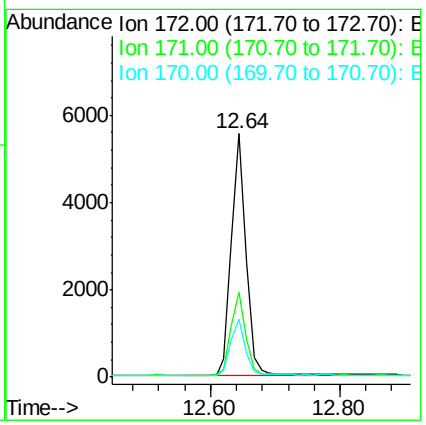


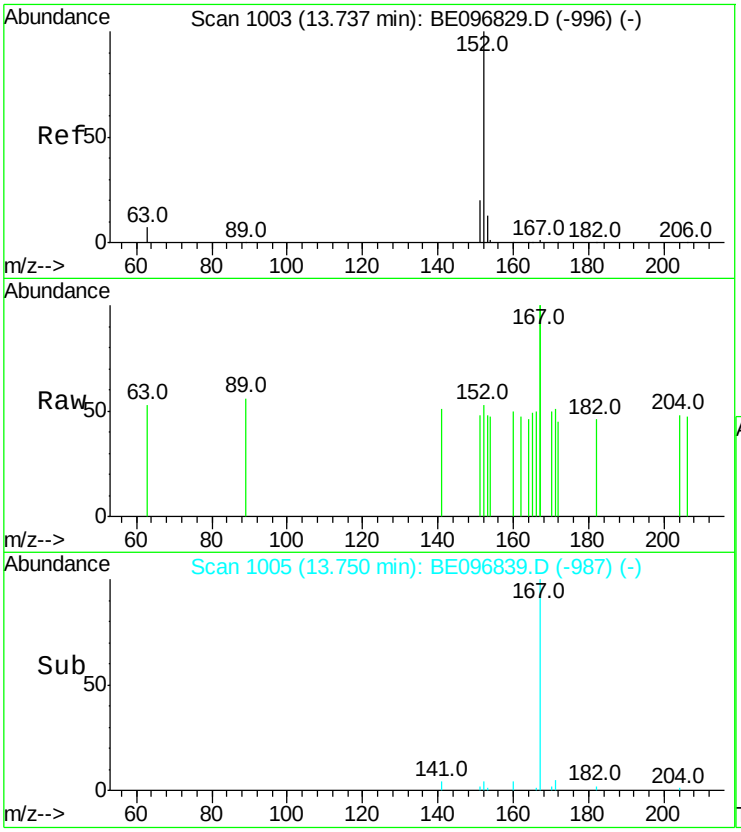


#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:172 Resp: 8469

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	24.0	21.8	32.8



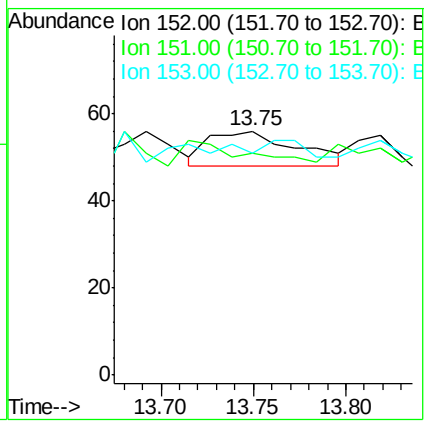


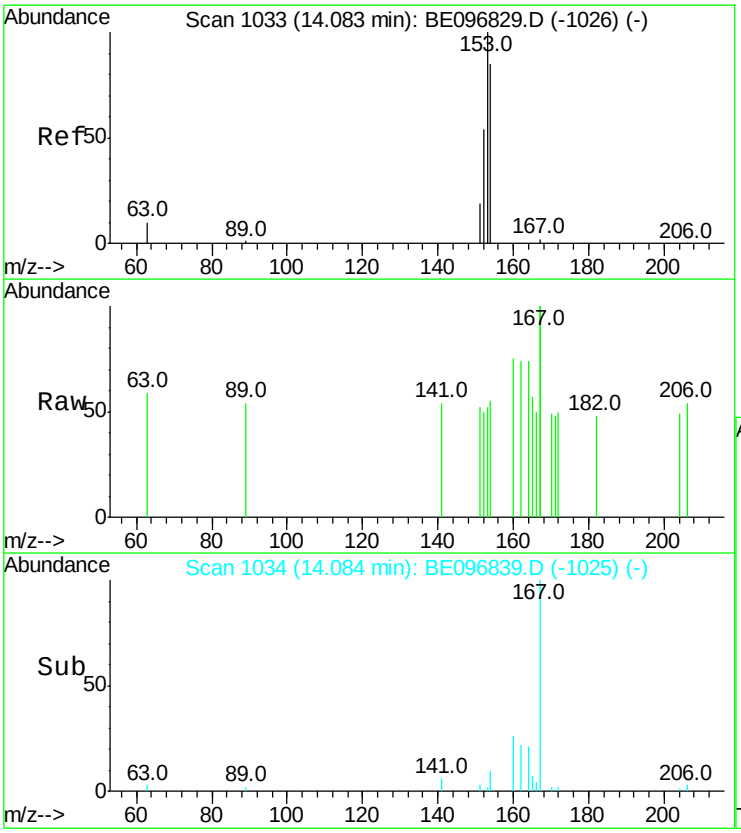
#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.75 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 26

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	23.1	10.5	15.7#

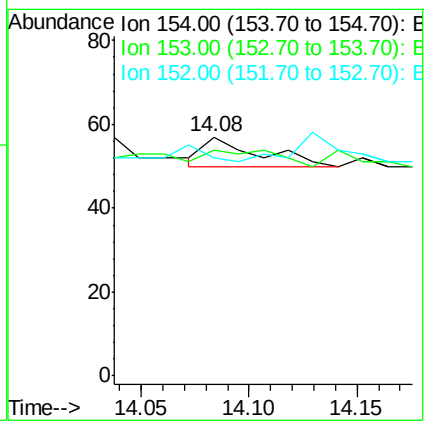


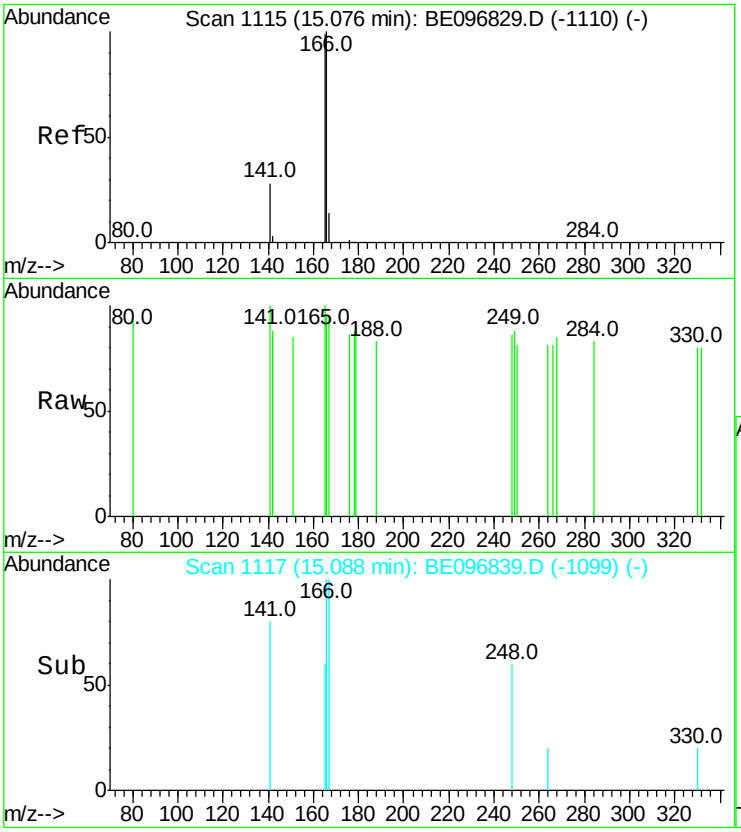


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:154 Resp: 12

Ion	Ratio	Lower	Upper
154	100		
153	75.0	89.2	133.8#
152	125.0	42.0	63.0#



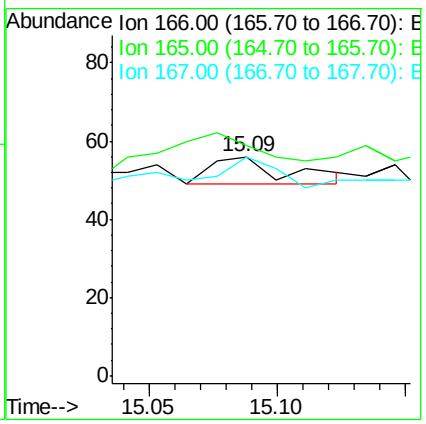


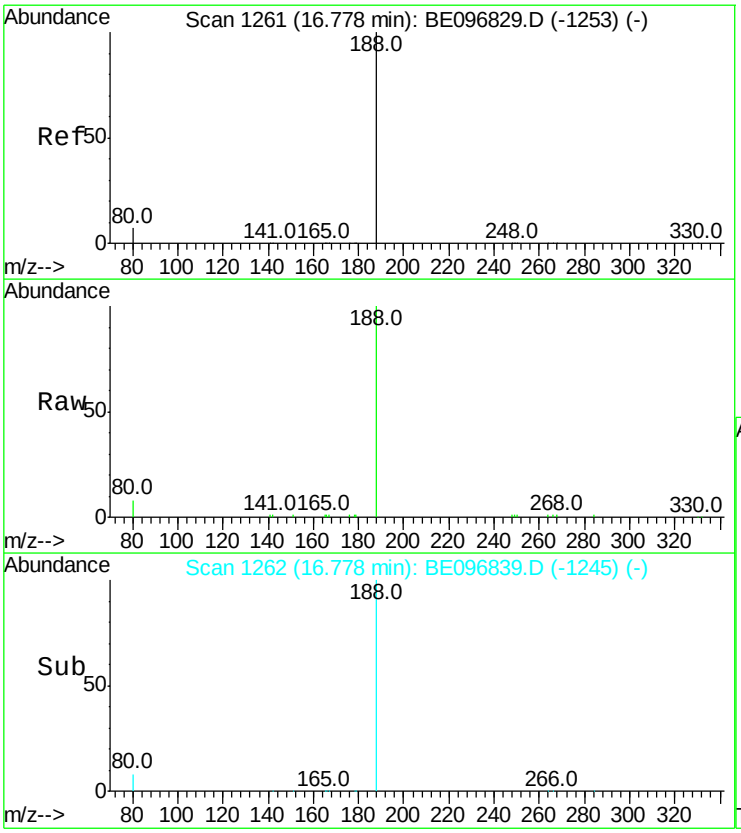
#18
Fluorene
Concen: 0.001 ng
RT: 15.09 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 15

Ion	Ratio	Lower	Upper
166	100		
165	160.0	77.8	116.6#
167	40.0	42.4	63.6#

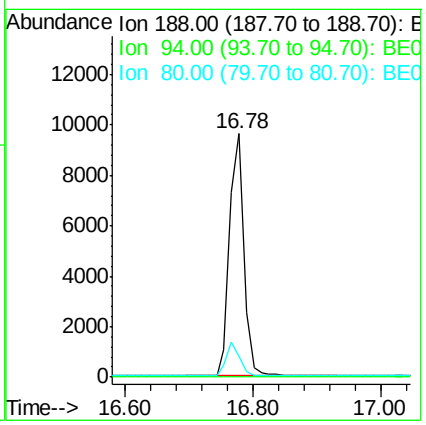


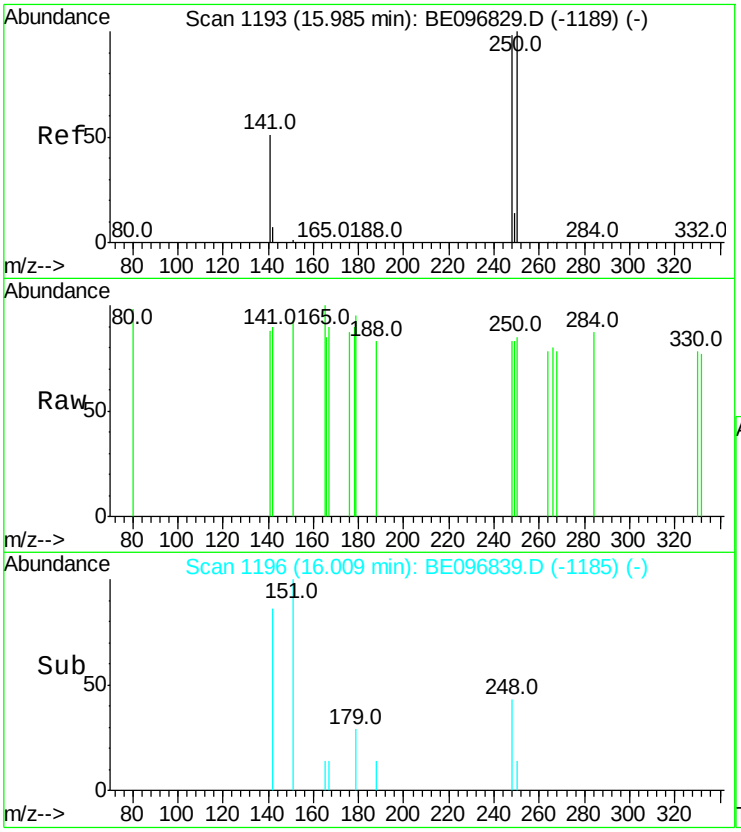


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:188 Resp: 14898

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.4	3.6	5.4#



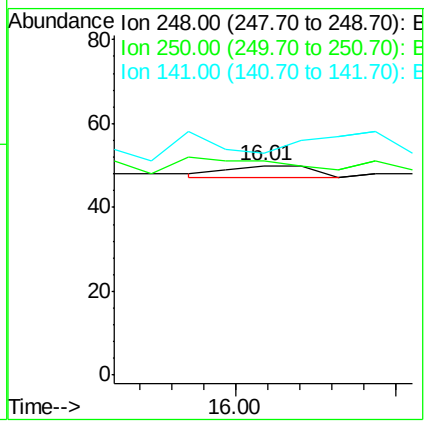


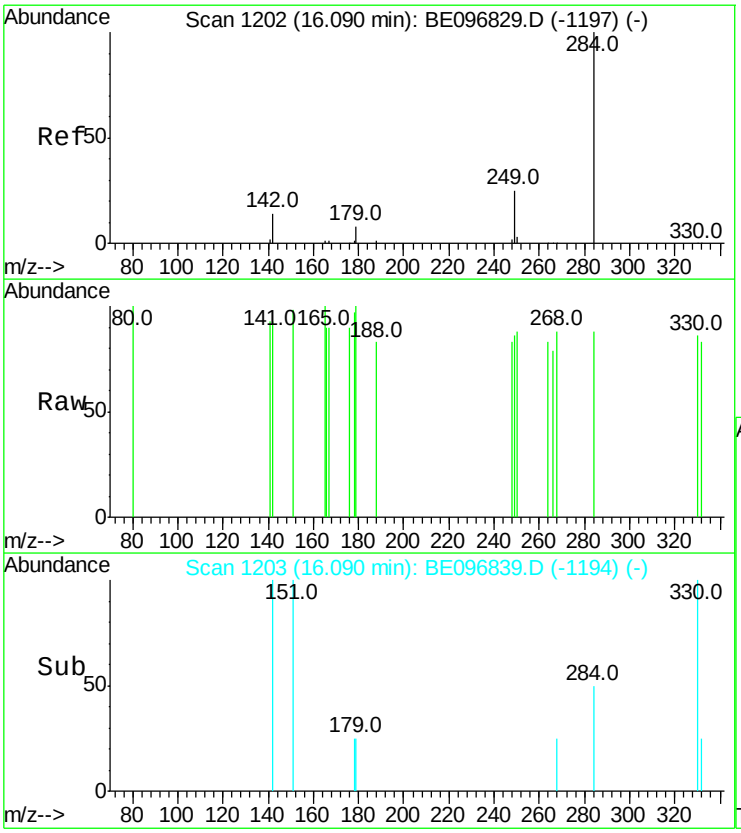
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.01 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	102.0	62.7	94.1#
141	106.0	48.2	72.2#

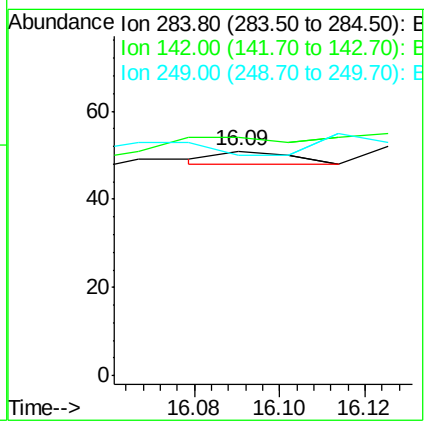


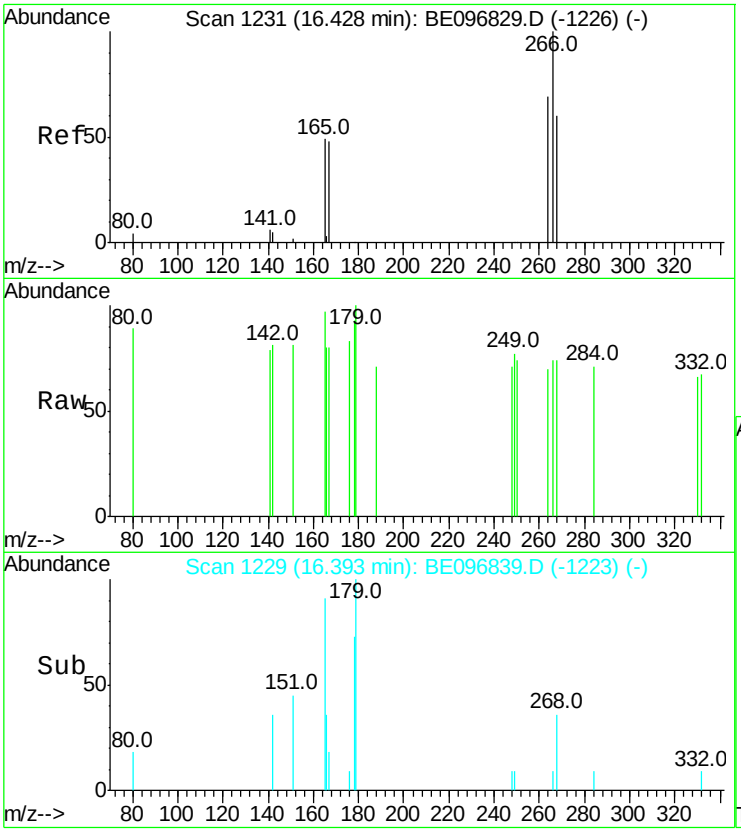


#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:284 Resp: 3

Ion	Ratio	Lower	Upper
284	100		
142	300.0	22.1	33.1#
249	0.0	34.8	52.2#



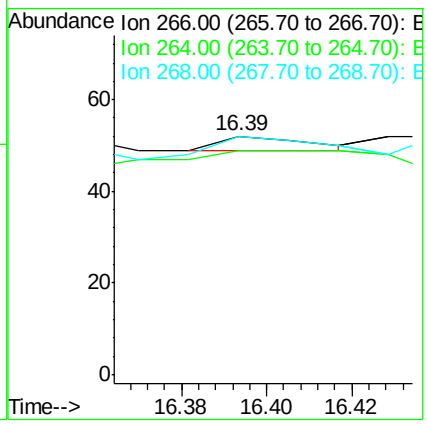


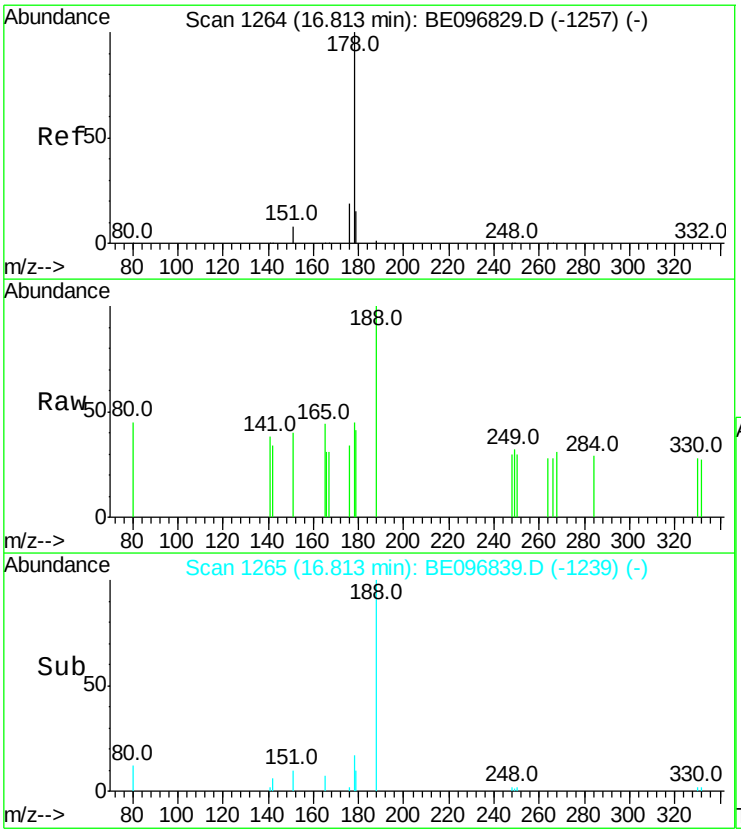
#22
Pentachlorophenol
Concen: 0.038 ng
RT: 16.39 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	94.2	72.5	108.7
268	100.0	73.8	110.6

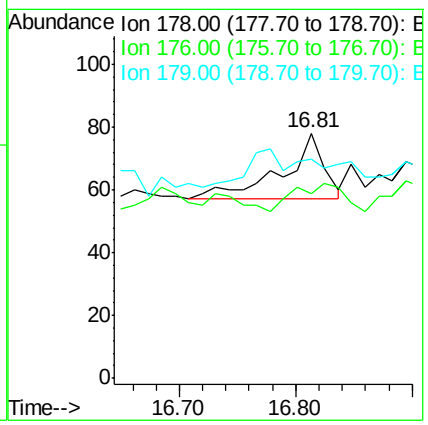


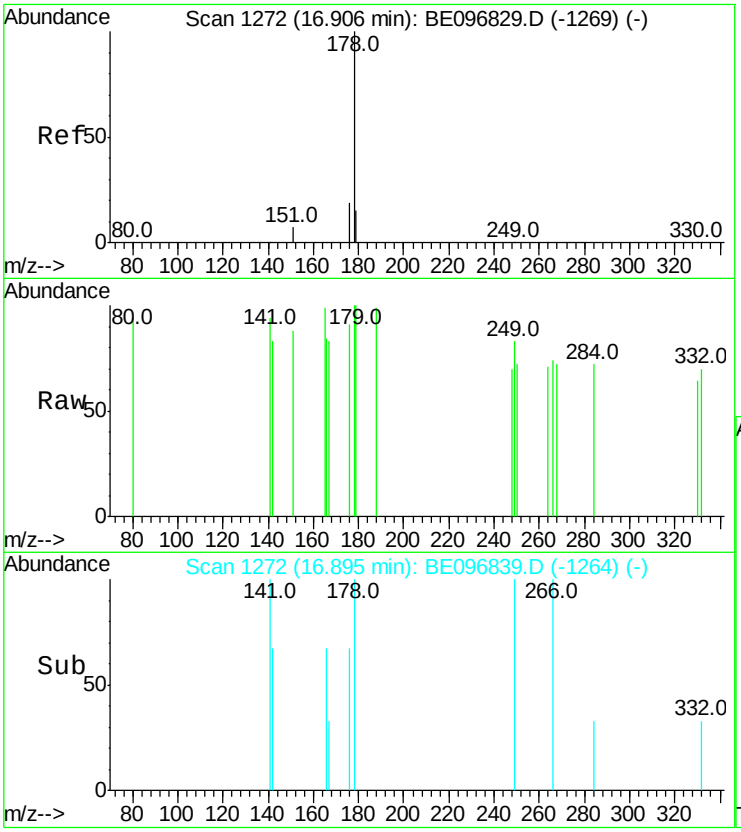


#23
Phenanthrene
Concen: 0.001 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:178 Resp: 53

Ion	Ratio	Lower	Upper
178	100		
176	50.9	15.1	22.7#
179	0.0	11.8	17.6#



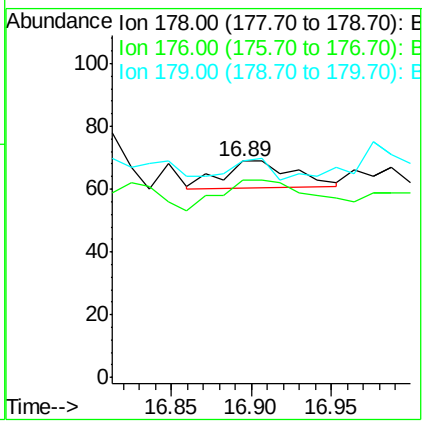


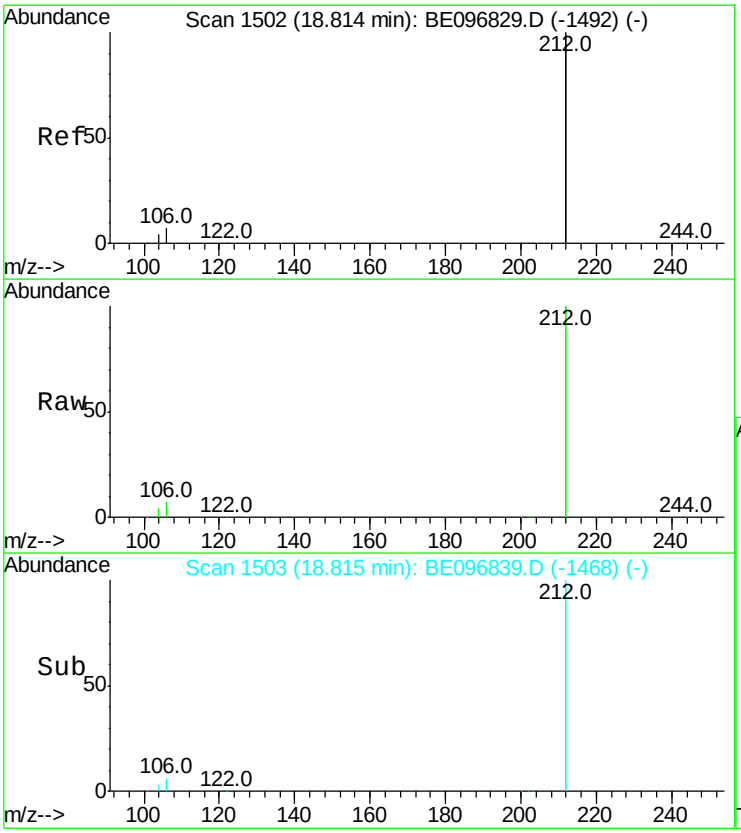
#24
Anthracene
Concen: 0.001 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 27

Ion	Ratio	Lower	Upper
178	100		
176	148.1	12.8	19.2#
179	29.6	13.0	19.6#

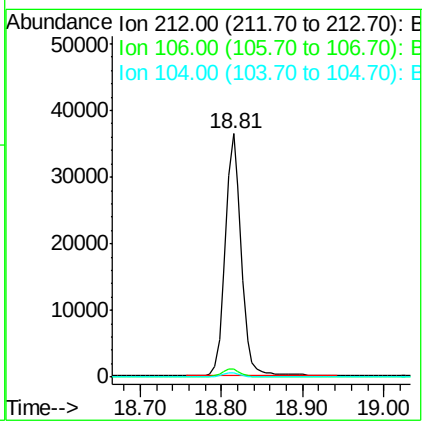


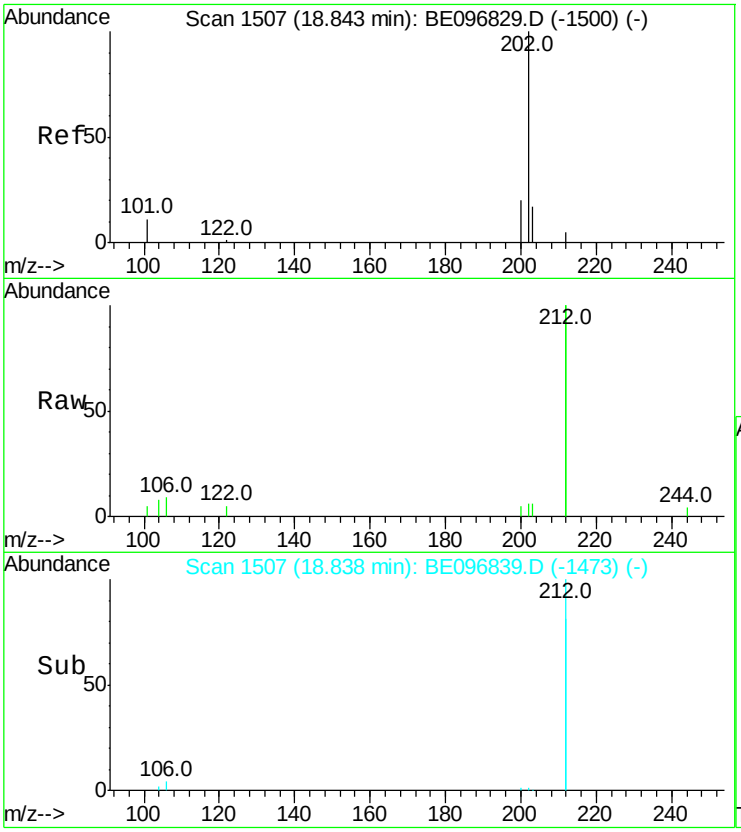


#25
Fluoranthene-d10
Concen: 0.377 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:212 Resp: 49396

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4



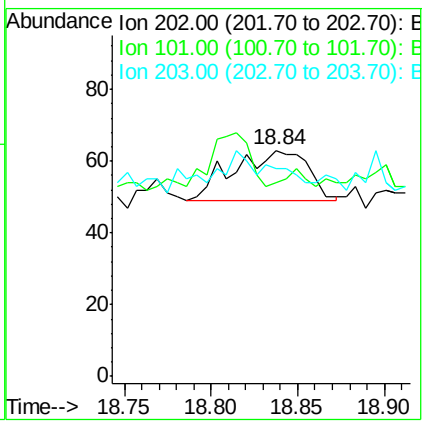


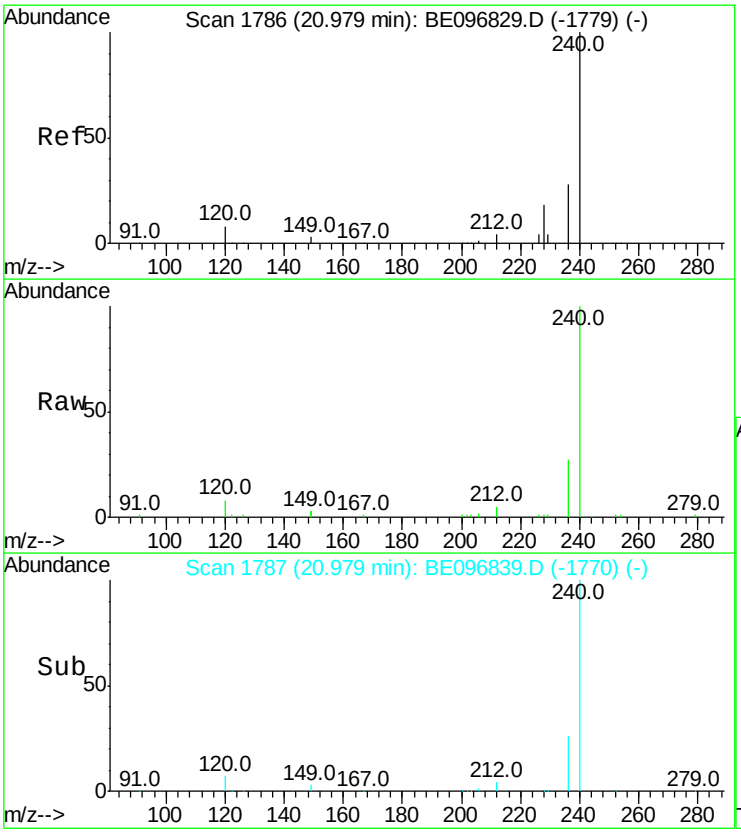
#26
Fluoranthene
Concen: 0.001 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 42

Ion	Ratio	Lower	Upper
202	100		
101	7.1	9.8	14.8#
203	0.0	13.7	20.5#

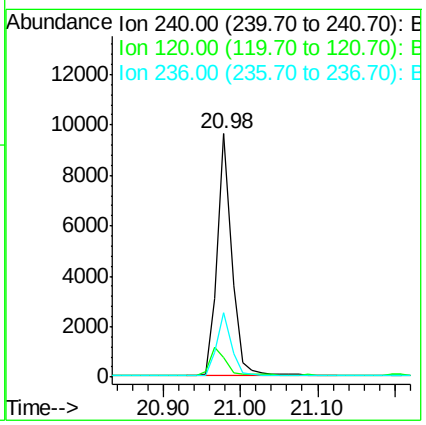


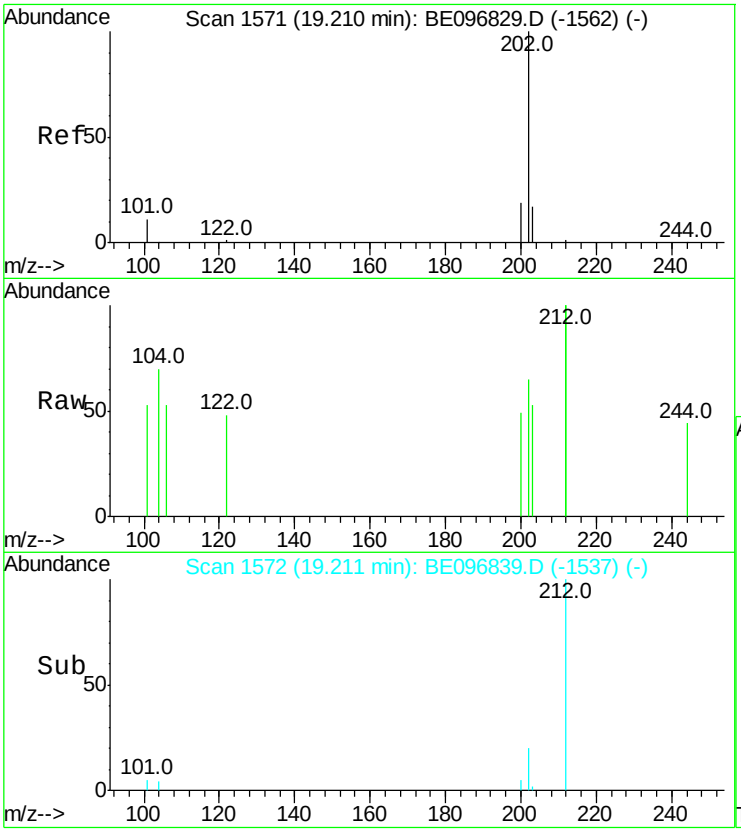


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:240 Resp: 12807

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	26.6	20.7	31.1



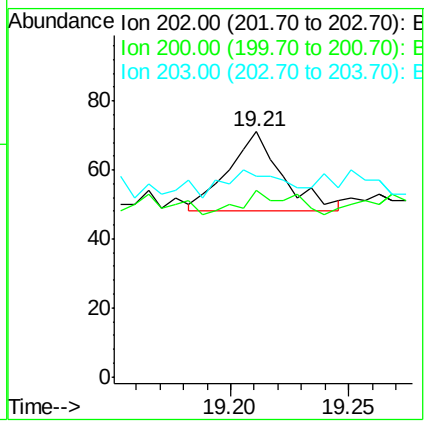


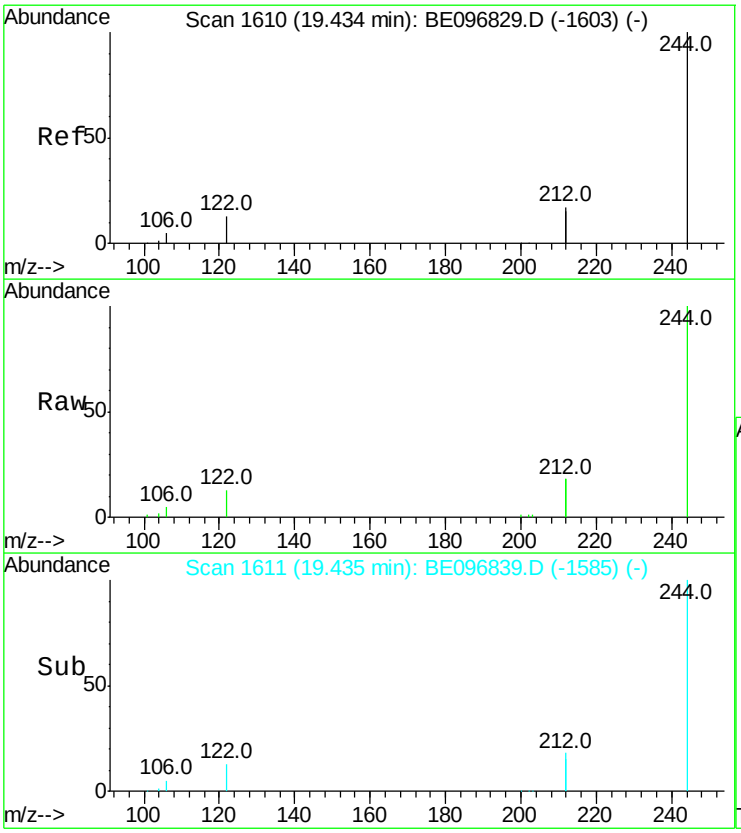
#28
Pyrene
Concen: 0.001 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 37

Ion	Ratio	Lower	Upper
202	100		
200	27.0	16.6	25.0#
203	35.1	13.8	20.8#

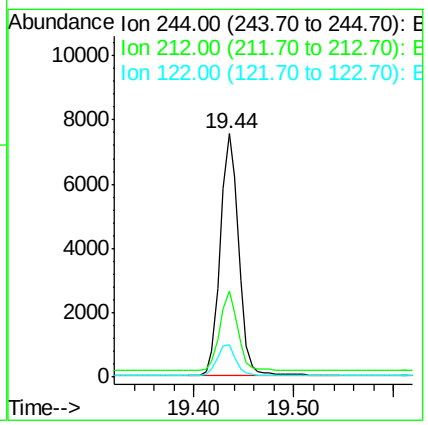


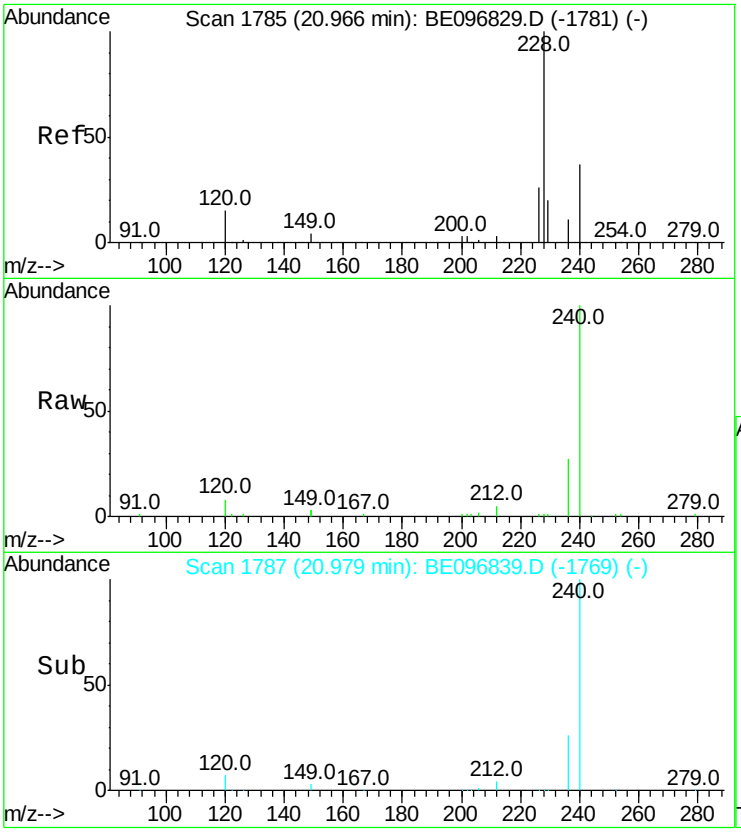


#29
Terphenyl-d14
Concen: 0.389 ng
RT: 19.44 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:244 Resp: 9624

Ion	Ratio	Lower	Upper
244	100		
212	35.6	25.4	38.0
122	13.4	8.1	12.1#



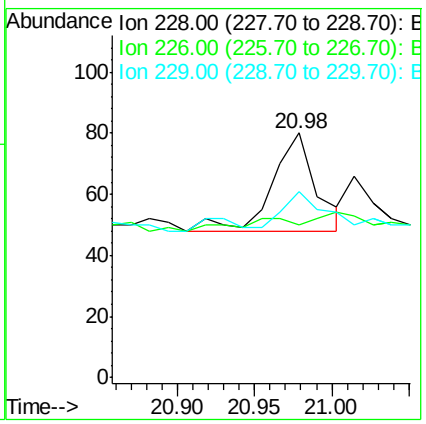


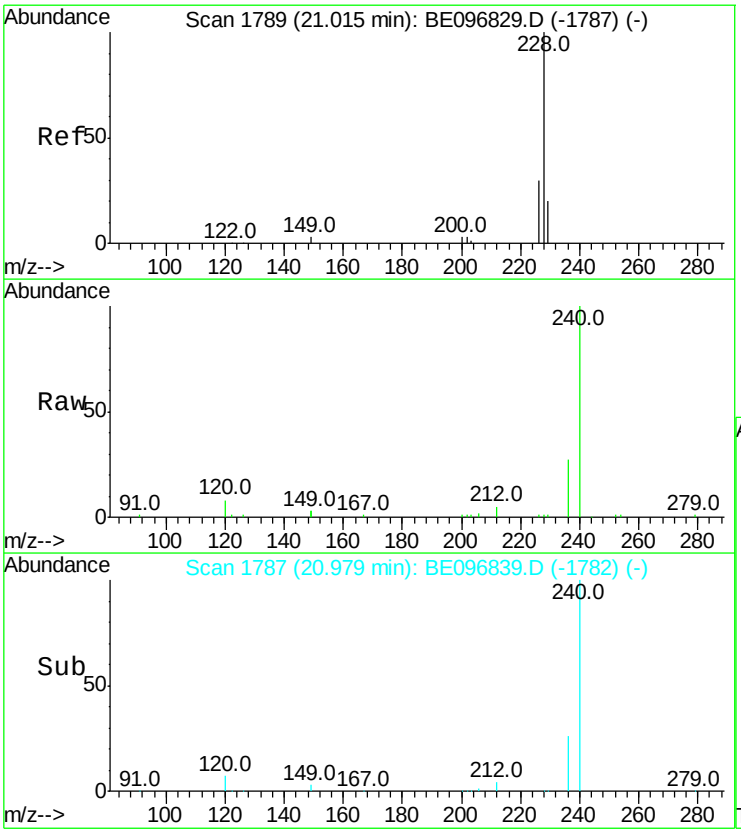
#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 63

Ion	Ratio	Lower	Upper
228	100		
226	62.5	24.0	36.0#
229	76.3	16.0	24.0#

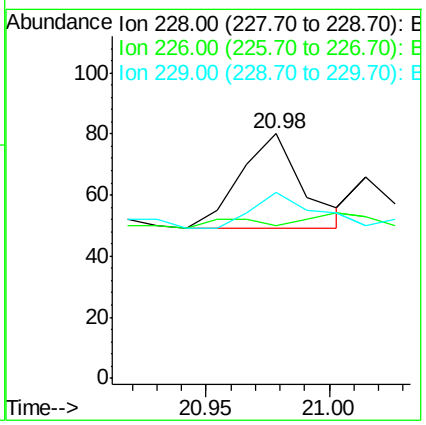


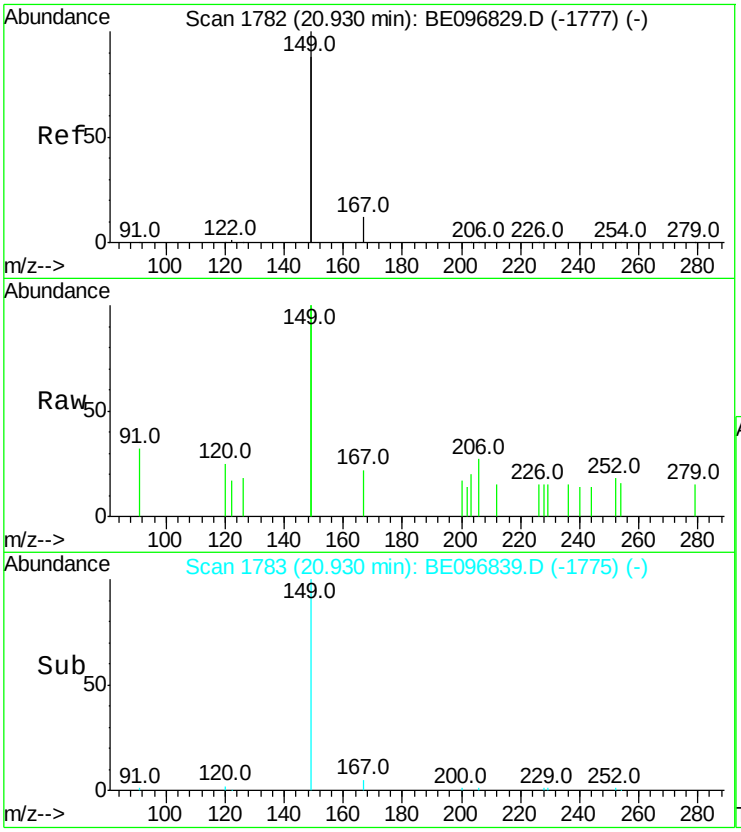


#31
Chrysene
Concen: 0.002 ng
RT: 20.98 min Scan# 1787
Delta R.T. -0.04 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:228 Resp: 54

Ion	Ratio	Lower	Upper
228	100		
226	62.5	24.0	36.0#
229	76.3	16.0	24.0#



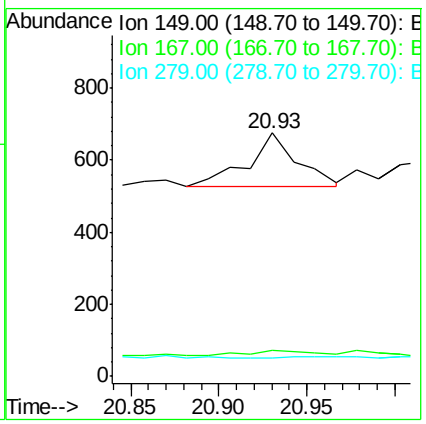


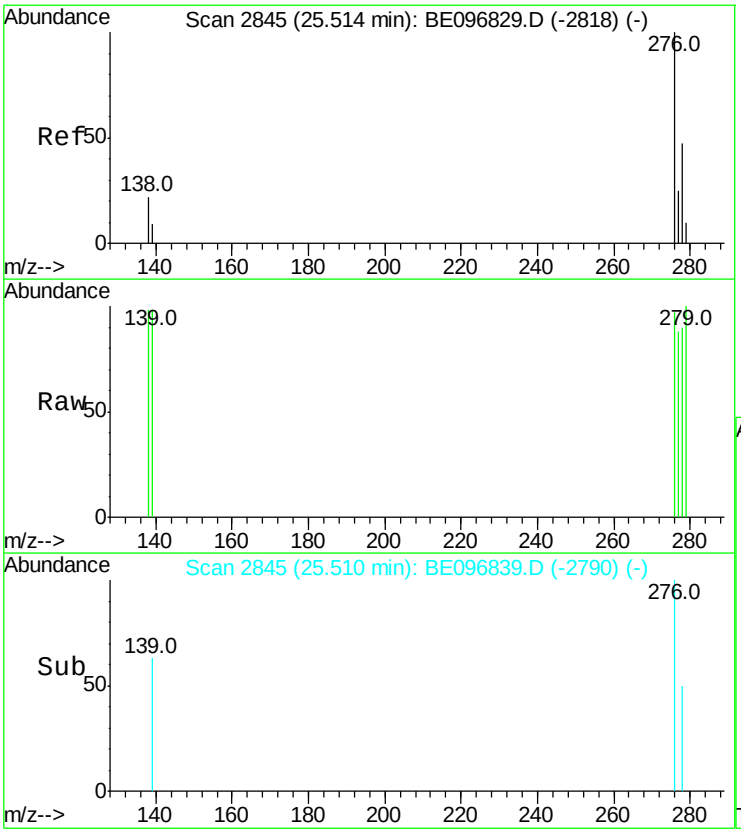
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.011 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 289

Ion	Ratio	Lower	Upper
149	100		
167	11.4	5.4	8.0#
279	4.8	0.7	1.1#

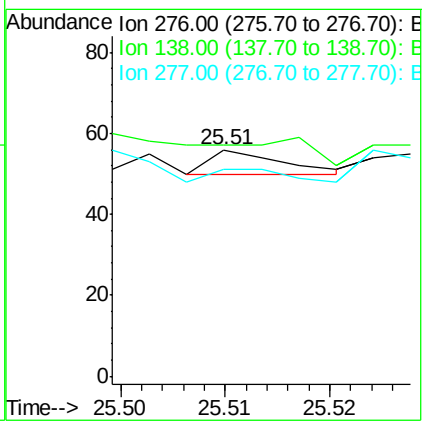


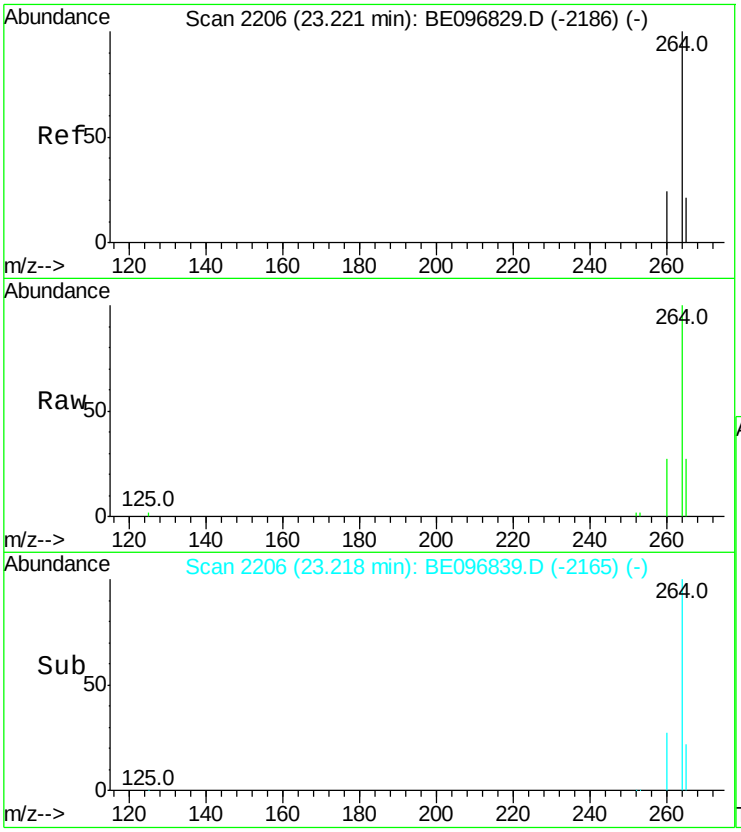


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	0.0	19.9	29.9#



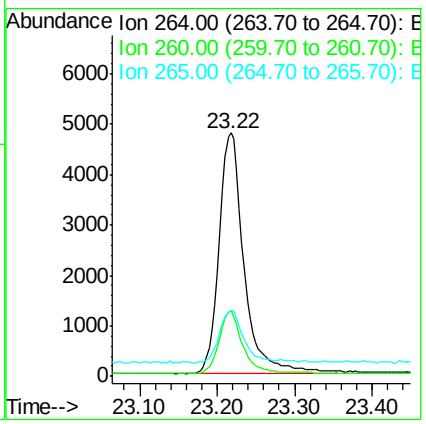


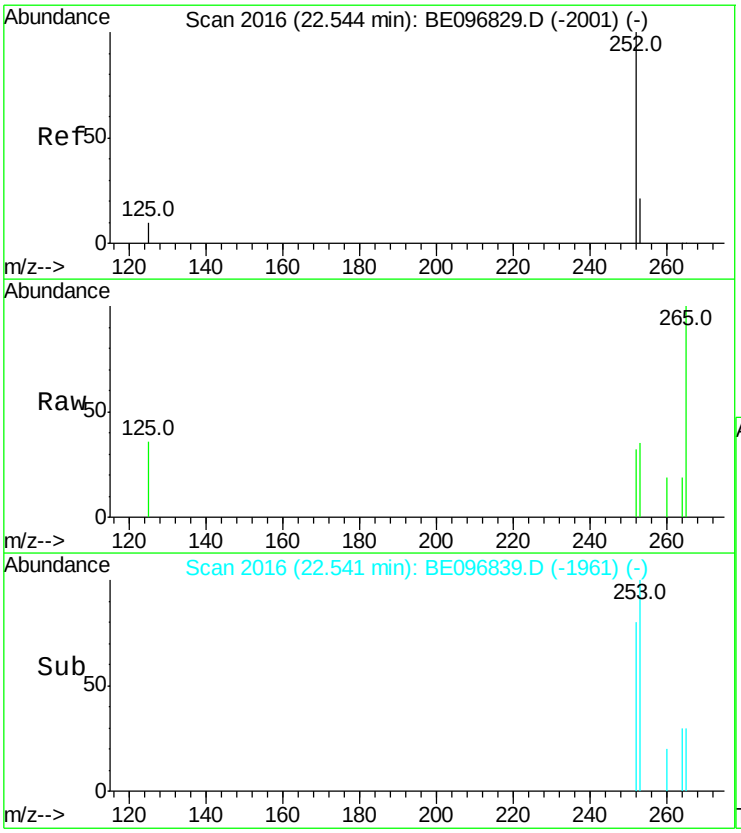
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 10797

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	27.0	22.8	34.2

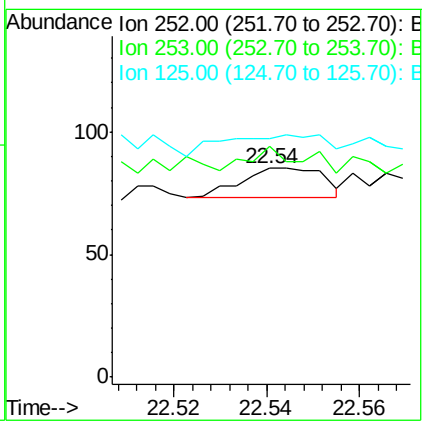


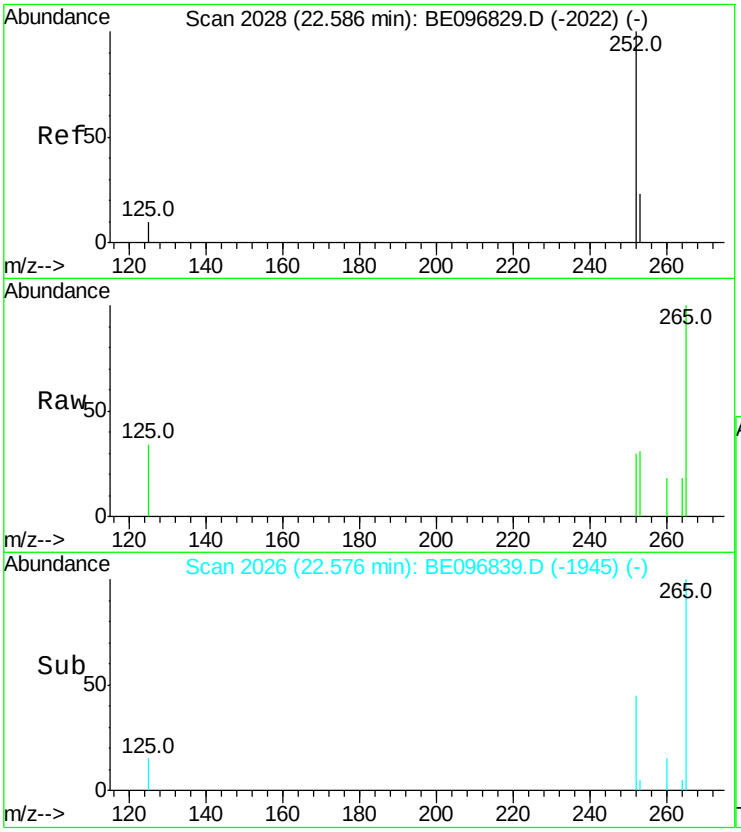


#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:252 Resp: 15

Ion	Ratio	Lower	Upper
252	100		
253	110.6	20.0	30.0#
125	114.1	16.0	24.0#



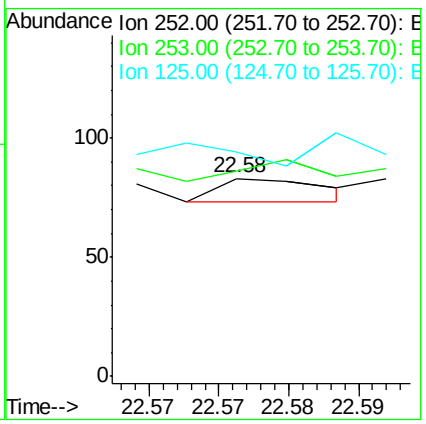


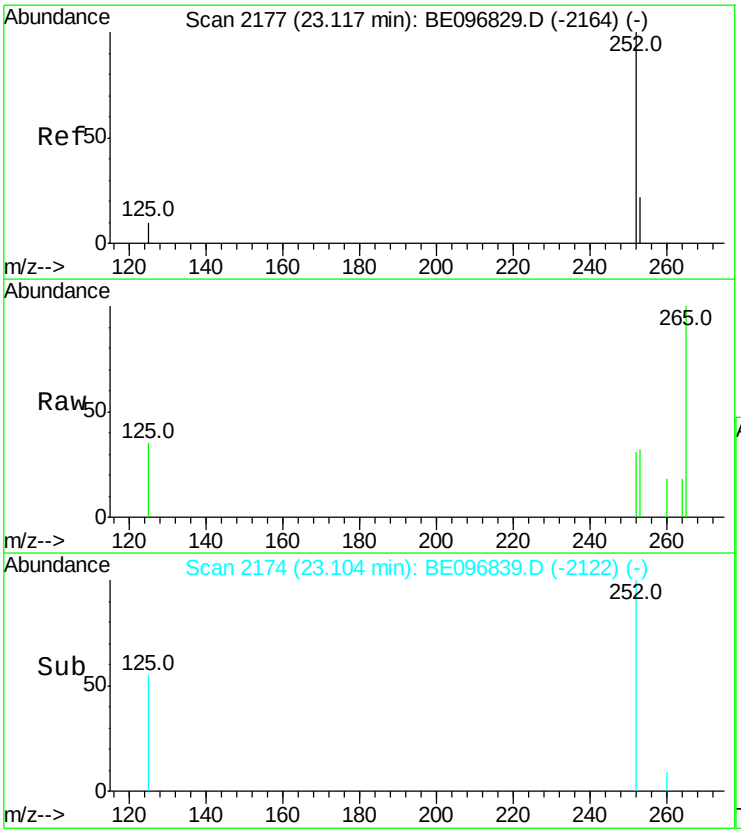
#36
Benzo(k)fluoranthene
Concen: 0.083 ng
RT: 22.58 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5

Ion	Ratio	Lower	Upper
252	100		
253	103.6	16.0	24.0#
125	113.3	8.0	12.0#

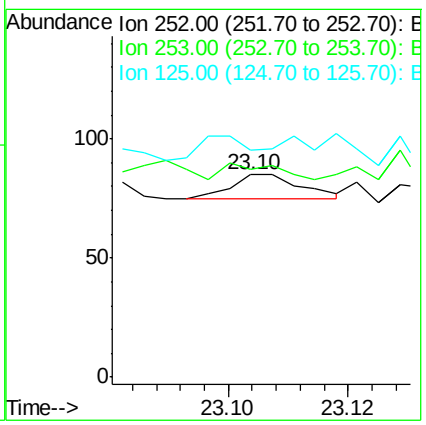


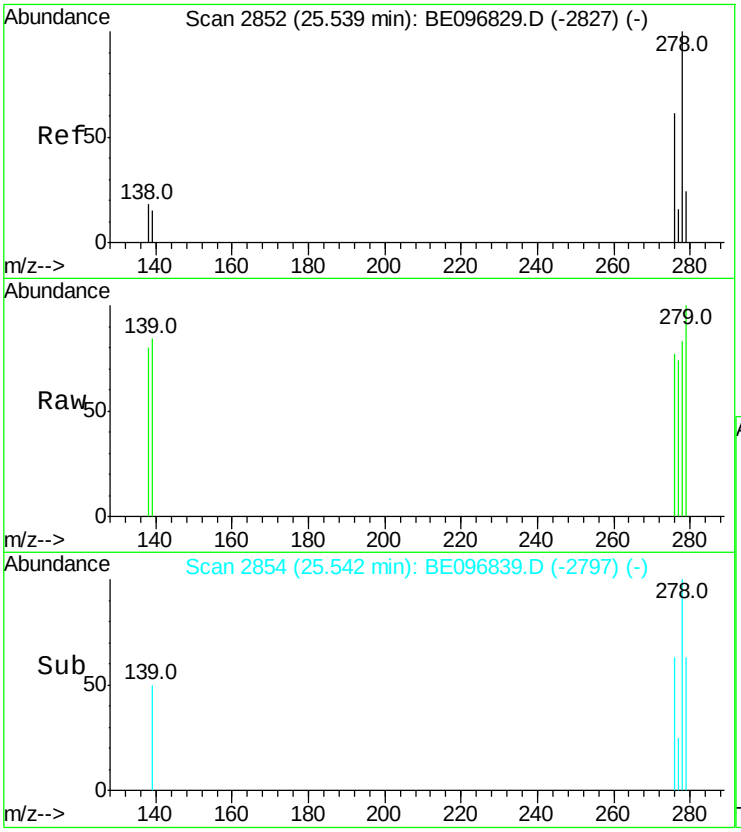


#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:252 Resp: 8

Ion	Ratio	Lower	Upper
252	100		
253	102.4	16.0	24.0#
125	111.8	12.0	18.0#



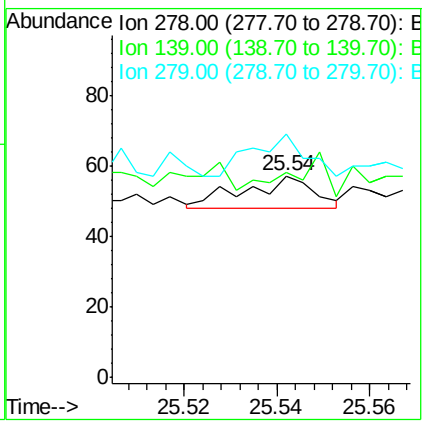


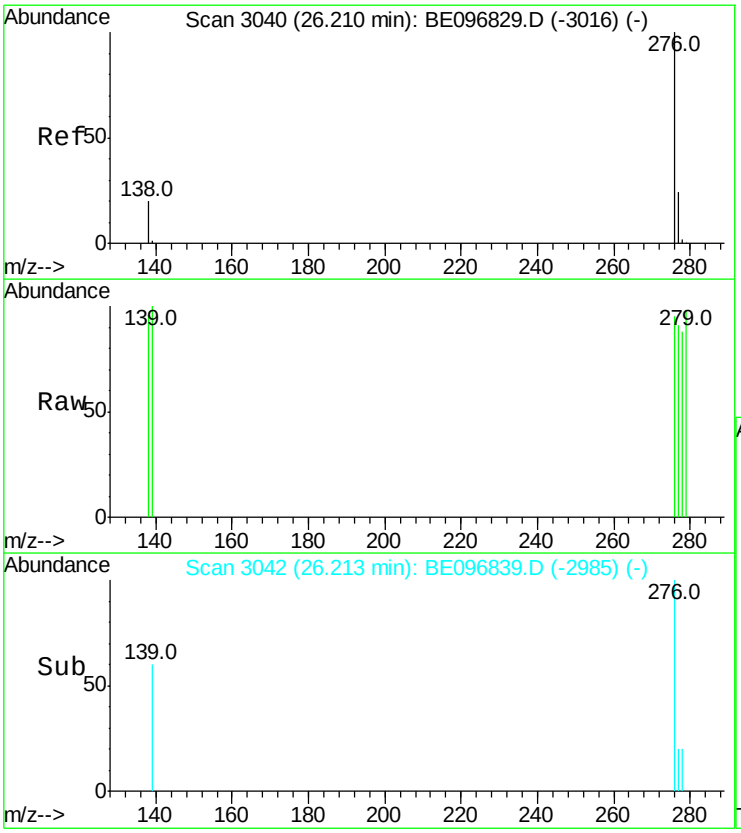
#38
Dibenzo(a,h)anthracene
Concen: 0.110 ng
RT: 25.54 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 9

Ion	Ratio	Lower	Upper
278	100		
139	101.8	16.0	24.0#
279	121.1	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.21 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
277	96.3	16.0	24.0#
138	101.9	20.0	30.0#