Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040518\
Data File : BE095950.D
Acq On : 5 Apr 2018 9:56
Operator : SJ/JU
Sample : J2148-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 06 04:42:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1624	0.40	ng		-0.02
7) Naphthalene-d8	11.24	136	6323	0.40	ng		-0.01
13) Acenaphthene-d10	14.99	164	3397	0.40	ng		-0.01
19) Phenanthrene-d10	17.70	188	7510	0.40	ng		-0.01
27) Chrysene-d12	21.79	240	7901	0.40	ng		-0.01
34) Perylene-d12	24.42	264	7766	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.90	112	1932	0.36	ng		-0.02
5) Phenol-d6	7.55	99	2702	0.37	ng		-0.02
8) Nitrobenzene-d5	9.58	82	2595	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.79	152	3474	0.33	ng		-0.01
14) 2,4,6-Tribromophenol	16.46	330	713	0.36	ng		-0.01
15) 2-Fluorobiphenyl	13.63	172	4802	0.34	ng		-0.01
25) Fluoranthene-d10	19.68	212	30148	0.27	ng		-0.01
29) Terphenyl-d14	20.24	244	5442	0.32	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.30	128	22358	0.310	ng		100
12) 2-Methylnaphthalene	12.86	142	5082	0.412	ng		95
16) Acenaphthylene	14.73	152	5256	0.271	ng		98
17) Acenaphthene	15.05	154	346	0.029	ng	#	44
18) Fluorene	16.02	166	1099	0.071	ng	#	72
22) Pentachlorophenol	17.36	266	81	0.179	ng		93
23) Phenanthrene	17.74	178	30533	1.358	ng		96
24) Anthracene	17.83	178	4615	0.205	ng	#	93
26) Fluoranthene	19.71	202	64642	2.070	ng		97
28) Pyrene	20.06	202	81535	2.533	ng		97
30) Benzo(a)anthracene	21.78	228	26463	0.966	ng	#	95
31) Chrysene	21.83	228	34267	1.371	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.64	149	16625	0.198	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	24343	0.904	ng	#	90
35) Benzo(b)fluoranthene	23.61	252	47518	1.850	ng	#	94
36) Benzo(k)fluoranthene	23.61	252	47518	1.849	ng	#	79
37) Benzo(a)pyrene	24.30	252	27600	1.146	ng	#	73
38) Dibenzo(a,h)anthracene	27.24	278	5785	0.253	ng	#	32
39) Benzo(g,h,i)perylene	28.12	276	26503	1.153	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040518\
Data File : BE095950.D
Acq On : 5 Apr 2018 9:56
Operator : SJ/JU
Sample : J2148-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 06 04:42:16 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
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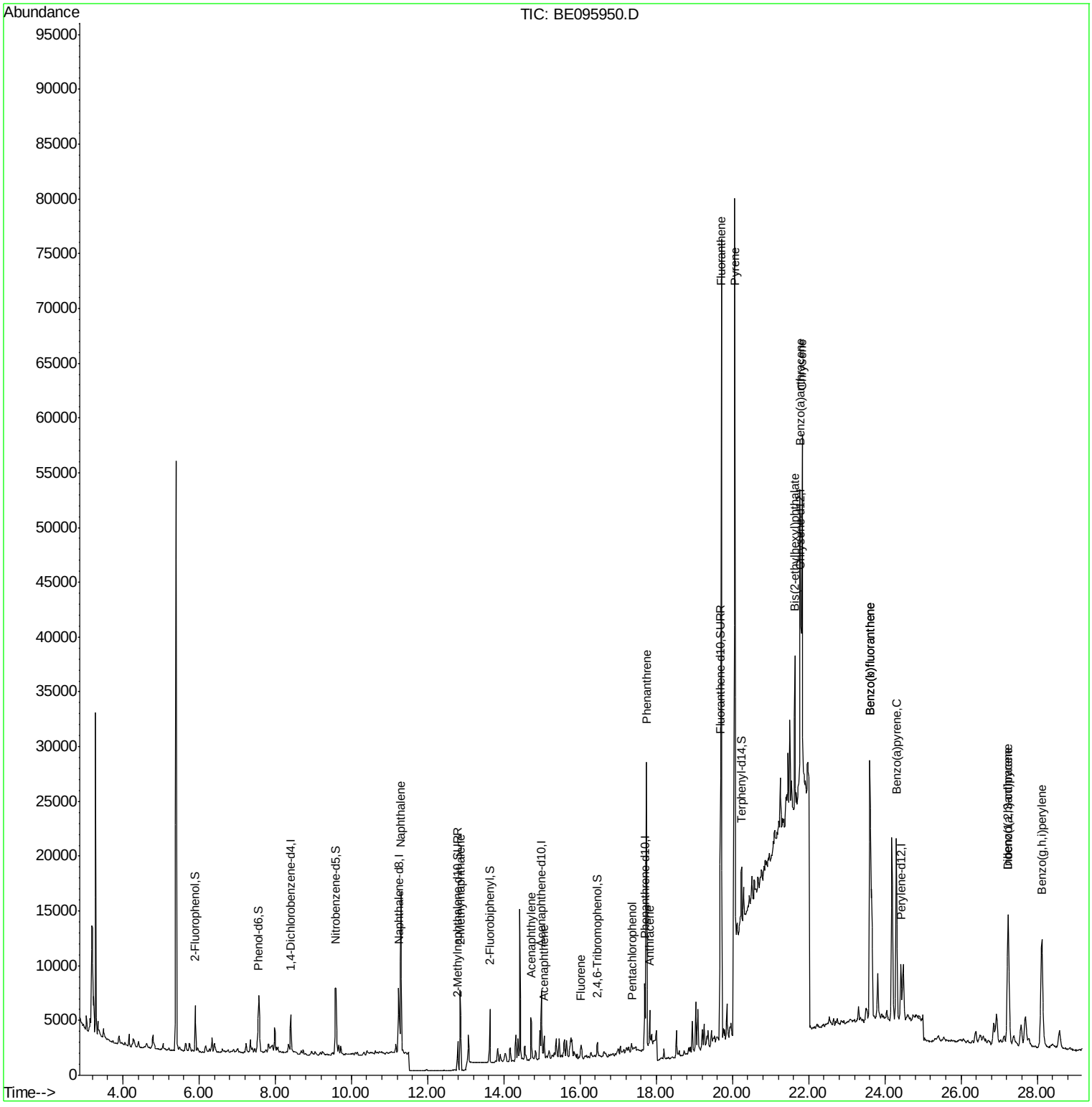
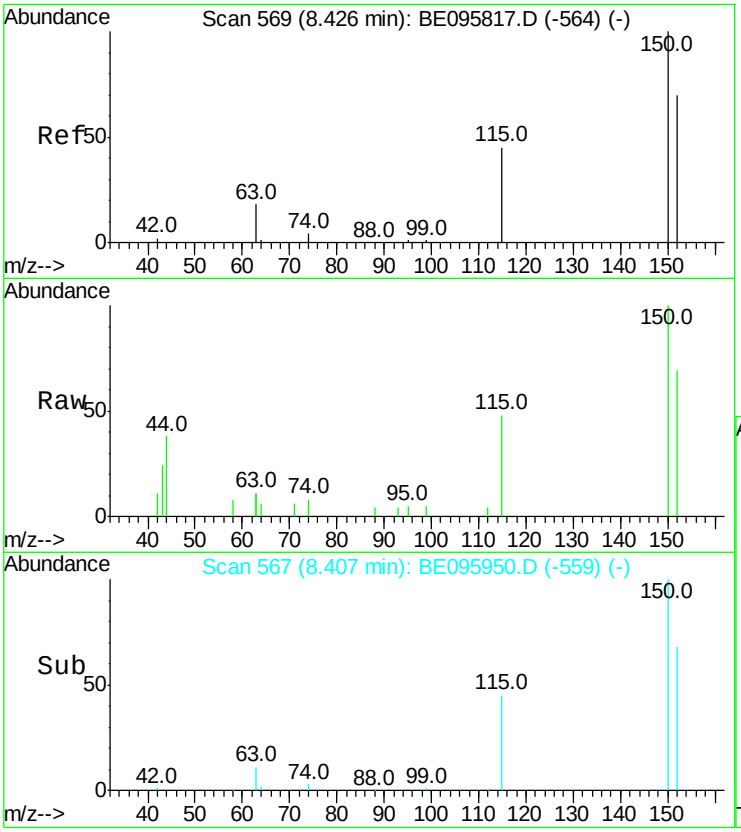
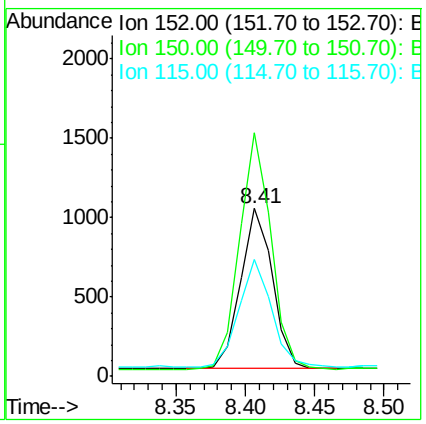




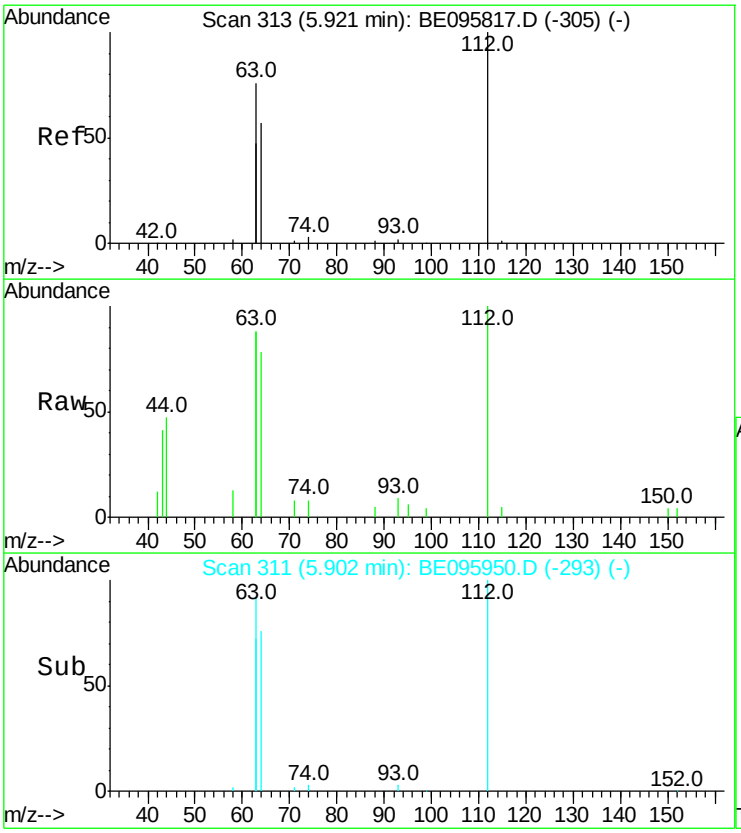
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.41 min Scan# 567
Delta R.T. -0.02 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:152 Resp: 1624

Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.2	175.8
115	69.4	57.0	85.6



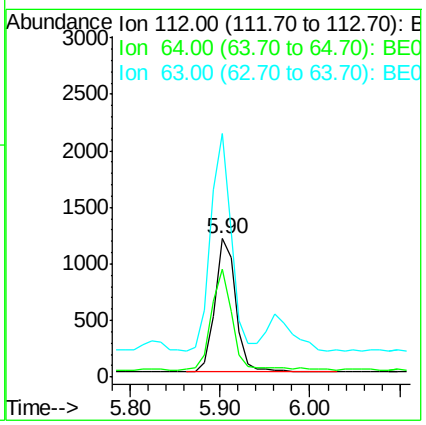
Instrument :
BNA_E
ClientSampleId :

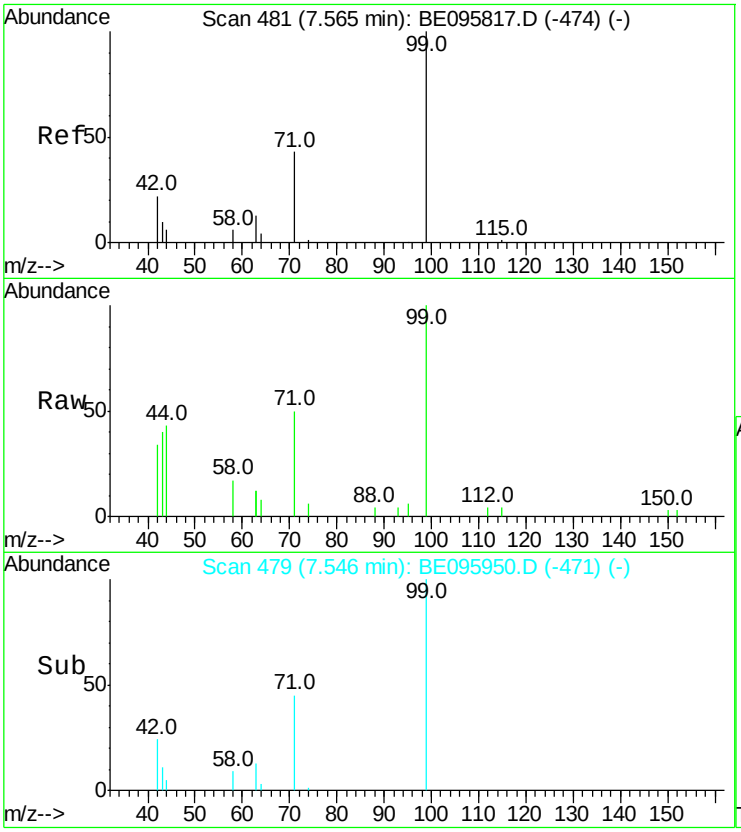


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.90 min Scan# 311
Delta R.T. -0.02 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:112 Resp: 1932

Ion	Ratio	Lower	Upper
112	100		
64	72.3	60.1	90.1
63	156.4	116.8	175.2



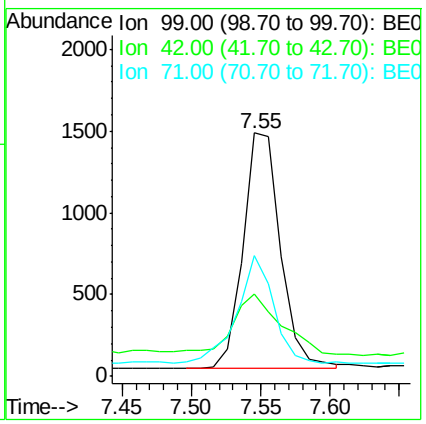


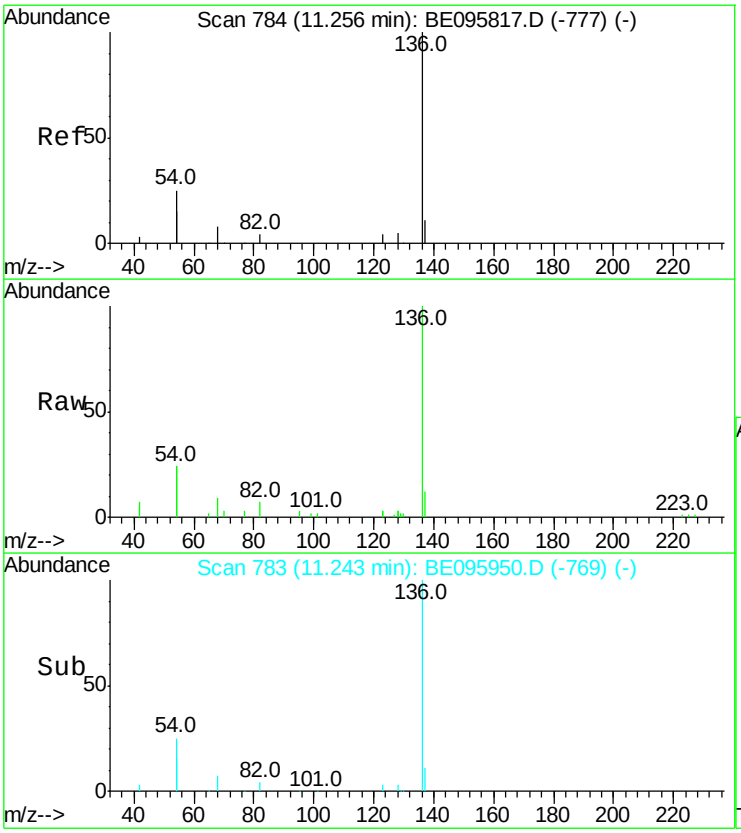
#5
Phenol-d6
Concen: 0.367 ng
RT: 7.55 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2702

Ion	Ratio	Lower	Upper
99	100		
42	31.6	20.2	30.2#
71	44.7	28.4	42.6#

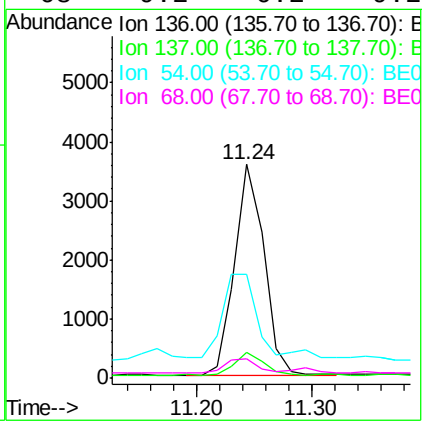


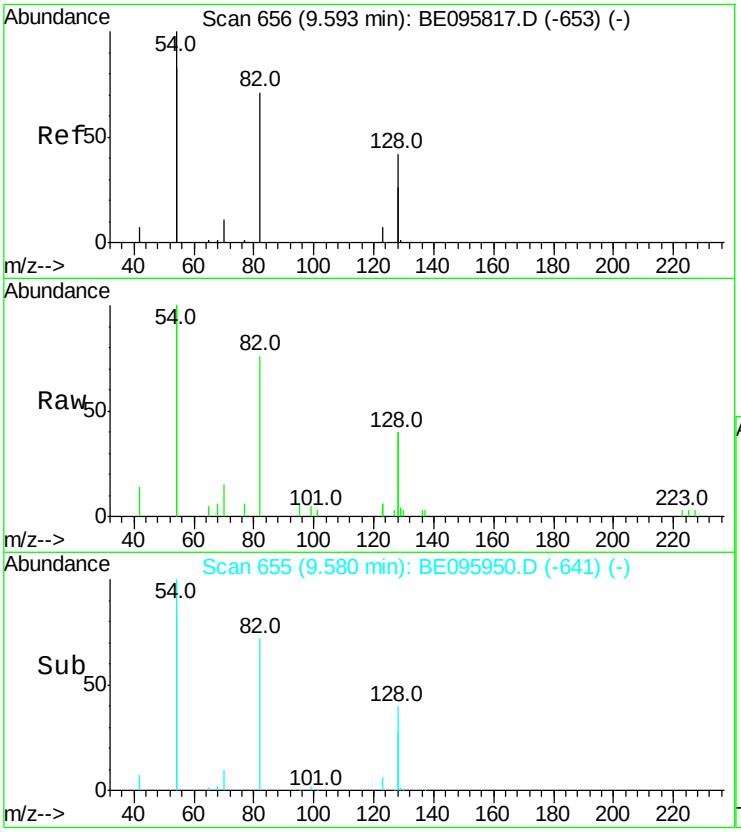


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.24 min Scan# 783
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:136 Resp: 6323

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	48.3	29.1	43.7#
68	9.2	6.2	9.2



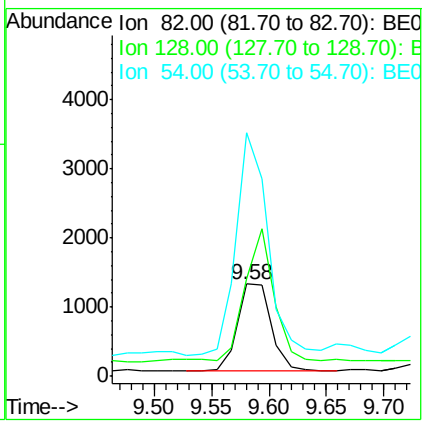


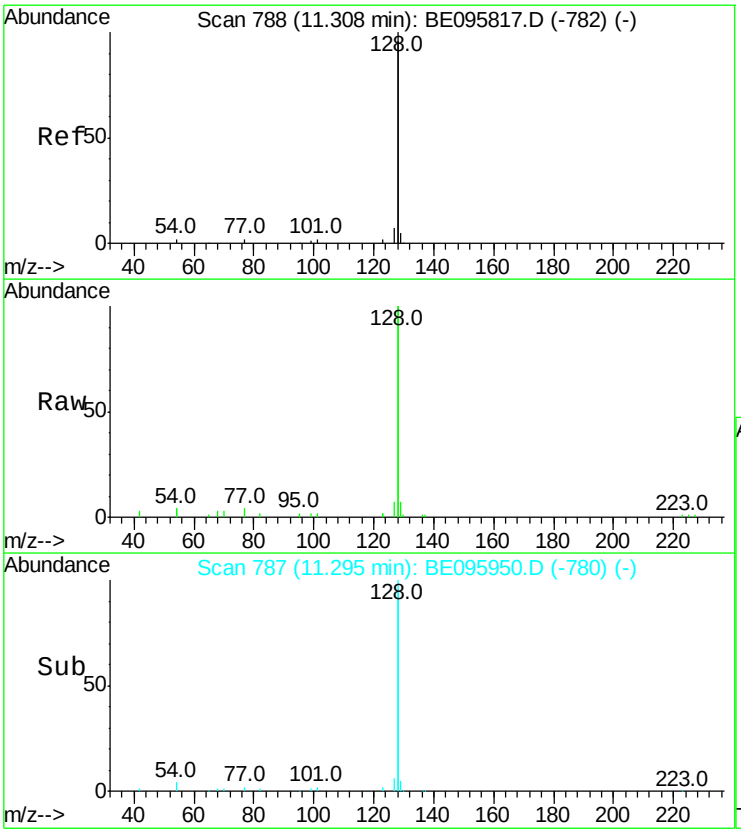
#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.58 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 2595

Ion	Ratio	Lower	Upper
82	100		
128	105.8	150.0	225.0#
54	263.3	154.2	231.4#

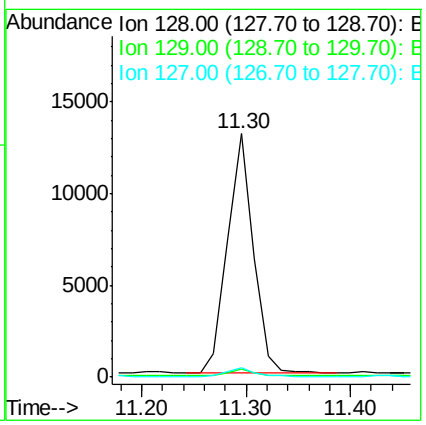


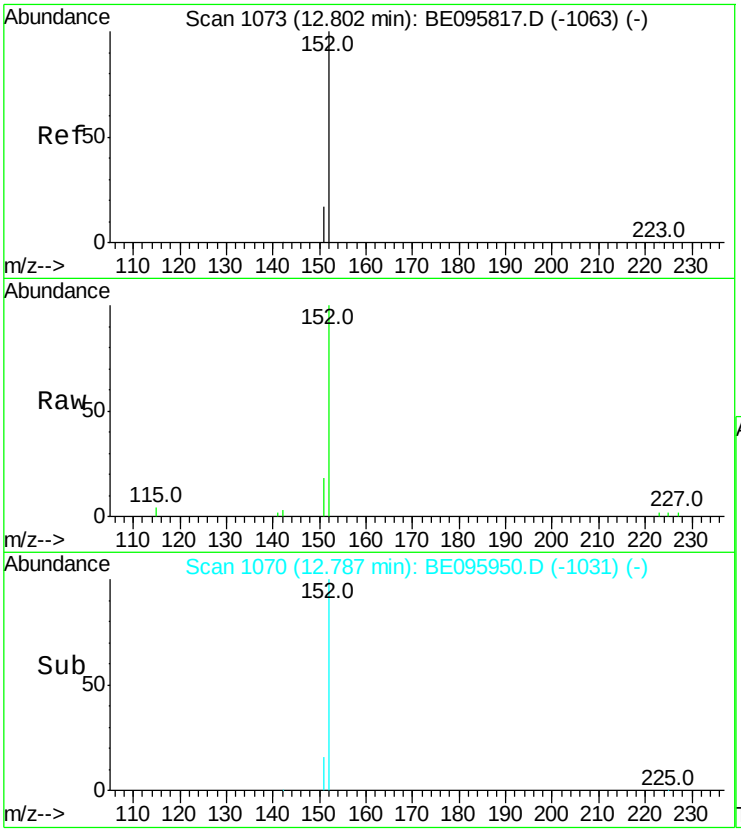


#9
Naphthalene
Concen: 0.310 ng
RT: 11.30 min Scan# 787
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:128 Resp: 22358

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.6	2.8	4.2



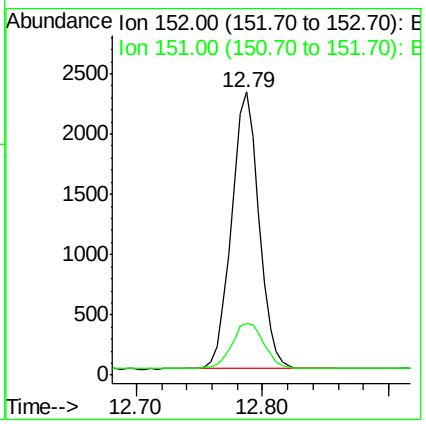


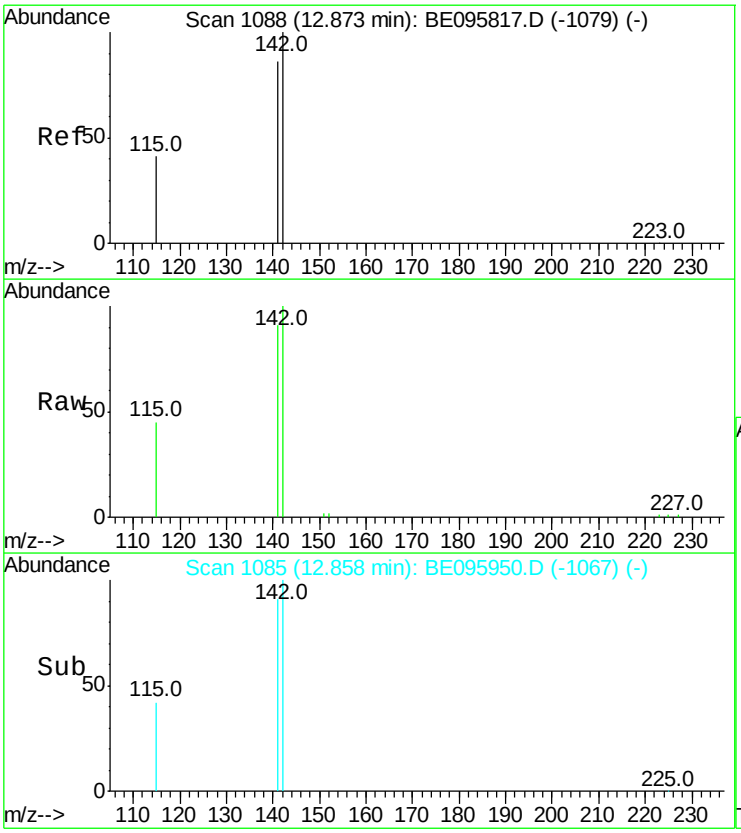
#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.79 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3474

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

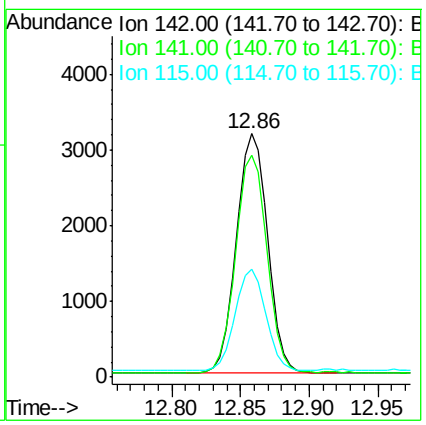


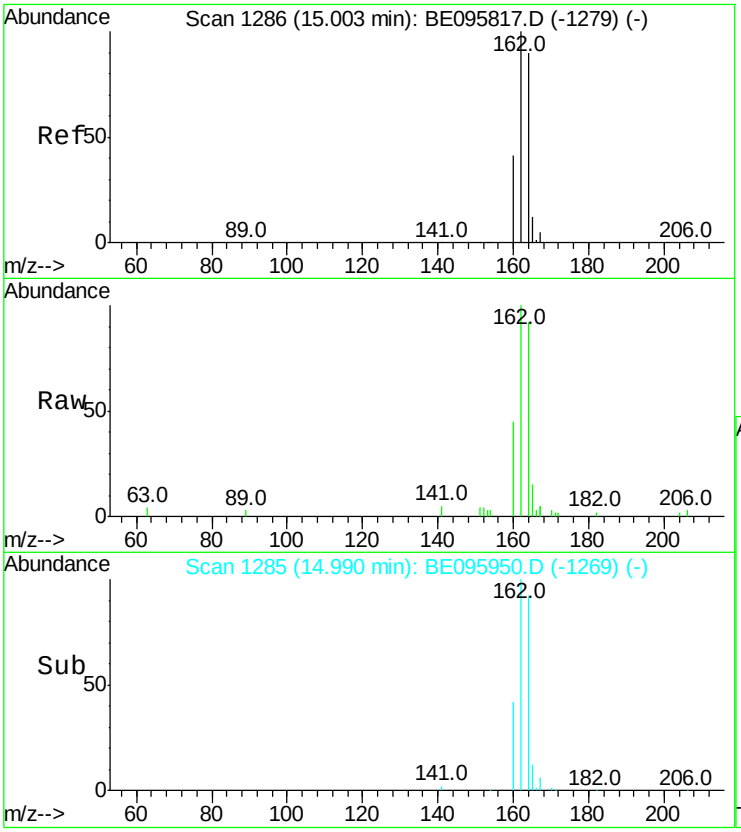


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 12.86 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:142 Resp: 5082

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.4	105.6
115	44.5	31.7	47.5



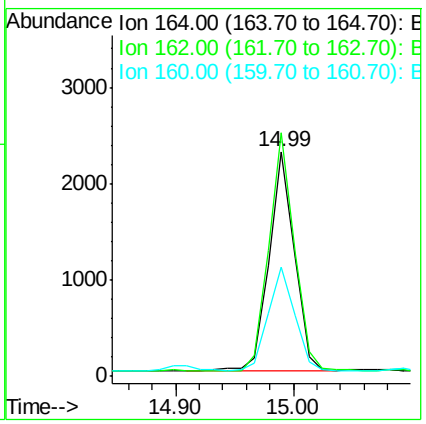


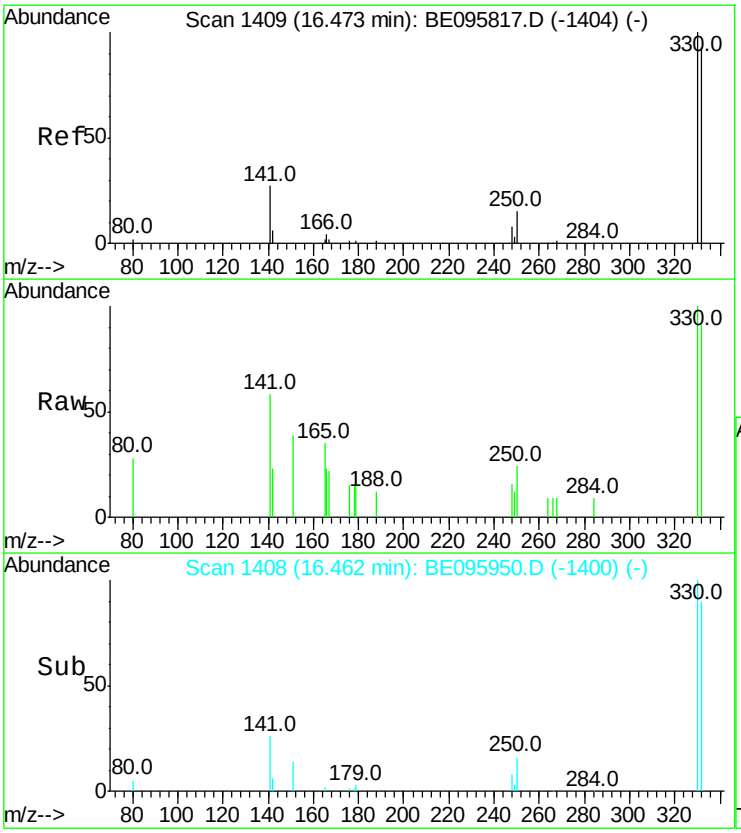
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3397

Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.1	124.7
160	48.5	37.1	55.7

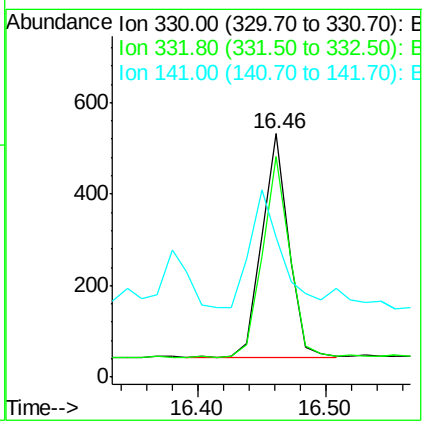


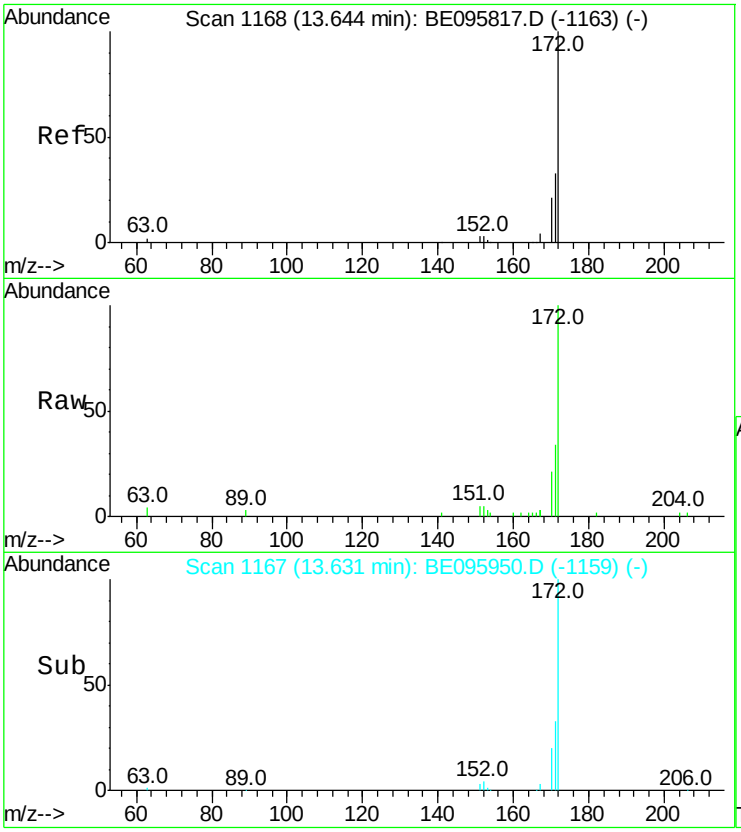


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:330 Resp: 713

Ion	Ratio	Lower	Upper
330	100		
332	91.4	152.7	229.1#
141	61.7	33.7	50.5#



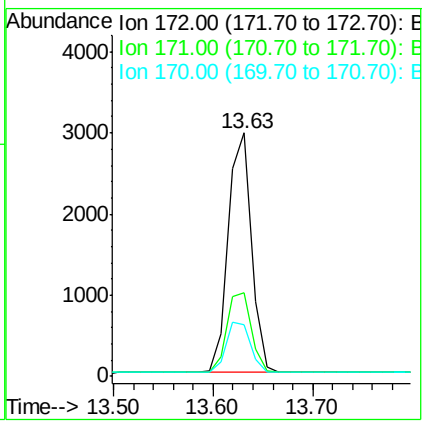


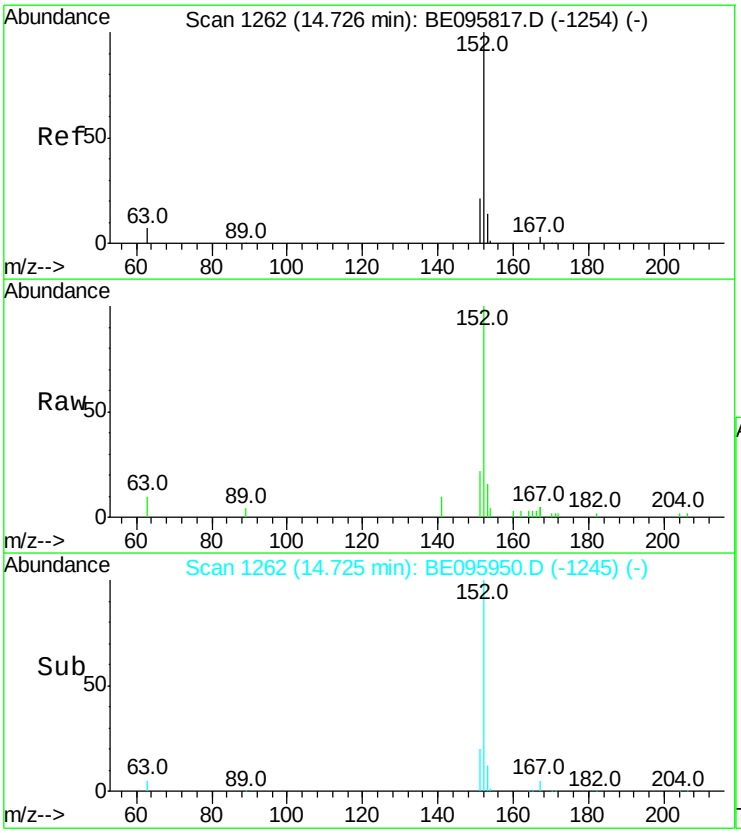
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4802

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	21.4	21.8	32.8#

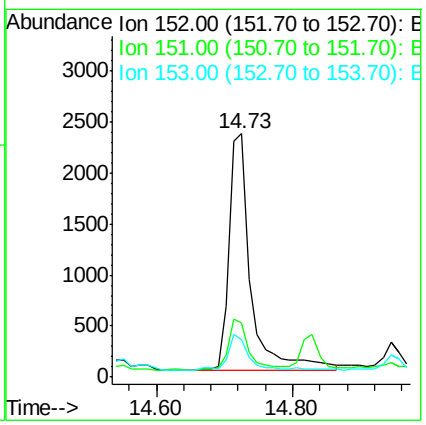


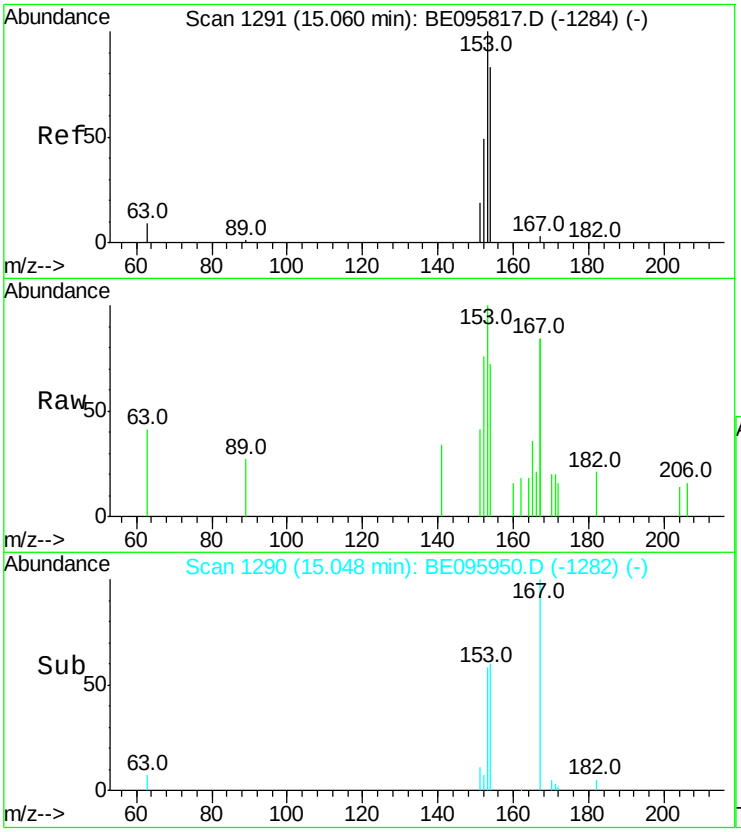


#16
Acenaphthylene
Concen: 0.271 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:152 Resp: 5256

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	15.0	10.5	15.7



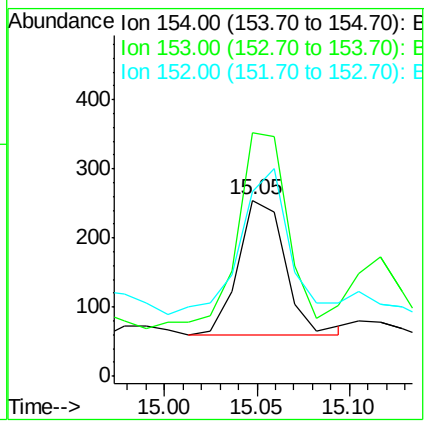


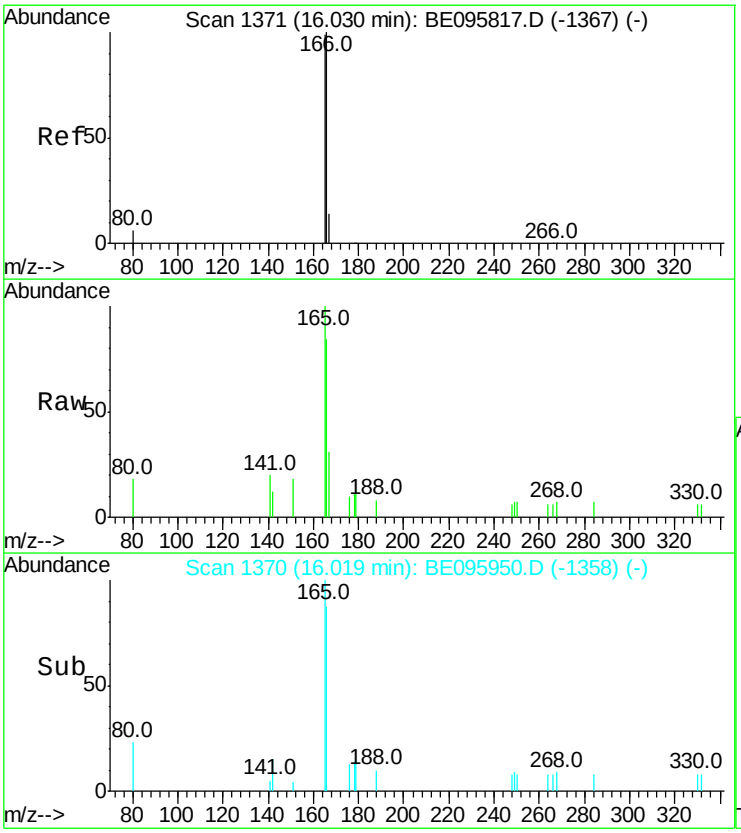
#17
Acenaphthene
Concen: 0.029 ng
RT: 15.05 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 346

Ion	Ratio	Lower	Upper
154	100		
153	156.4	89.2	133.8#
152	113.6	42.0	63.0#

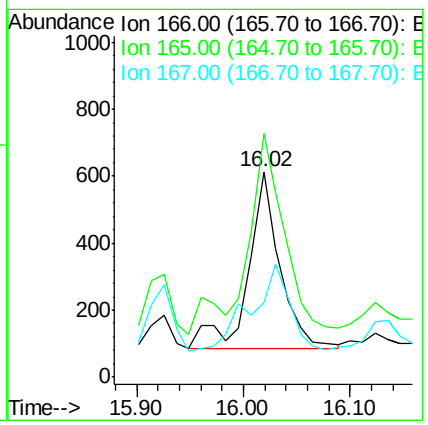


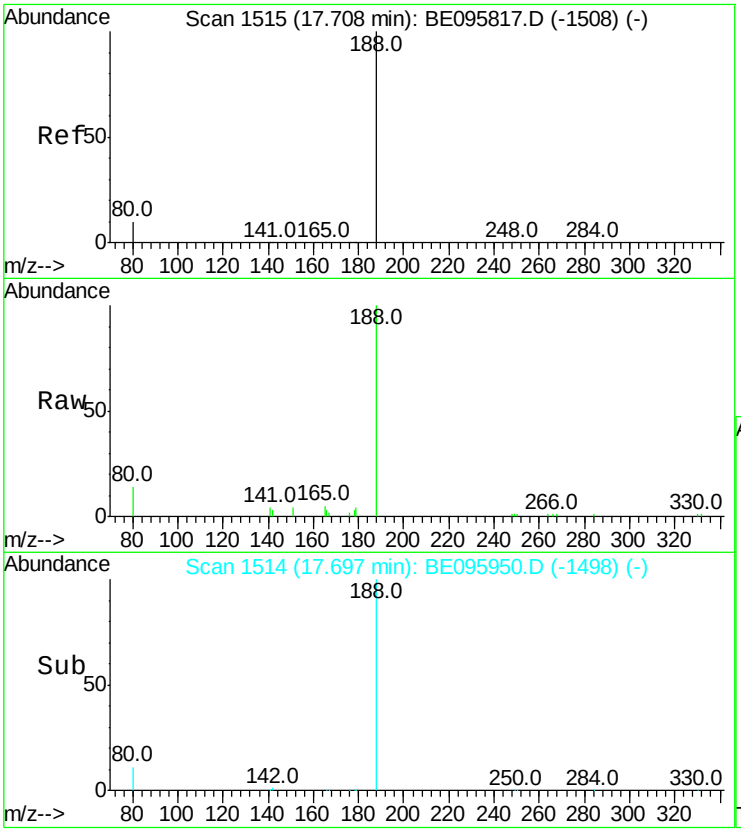


#18
Fluorene
Concen: 0.071 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:166 Resp: 1099

Ion	Ratio	Lower	Upper
166	100		
165	135.9	77.8	116.6#
167	58.0	42.4	63.6



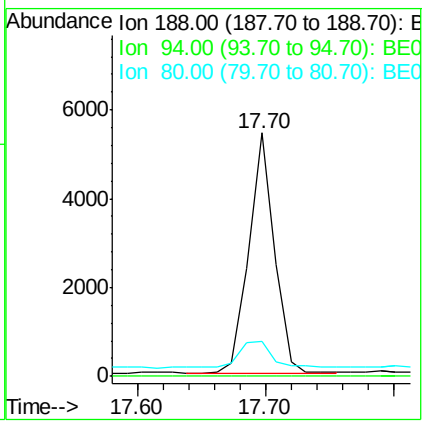


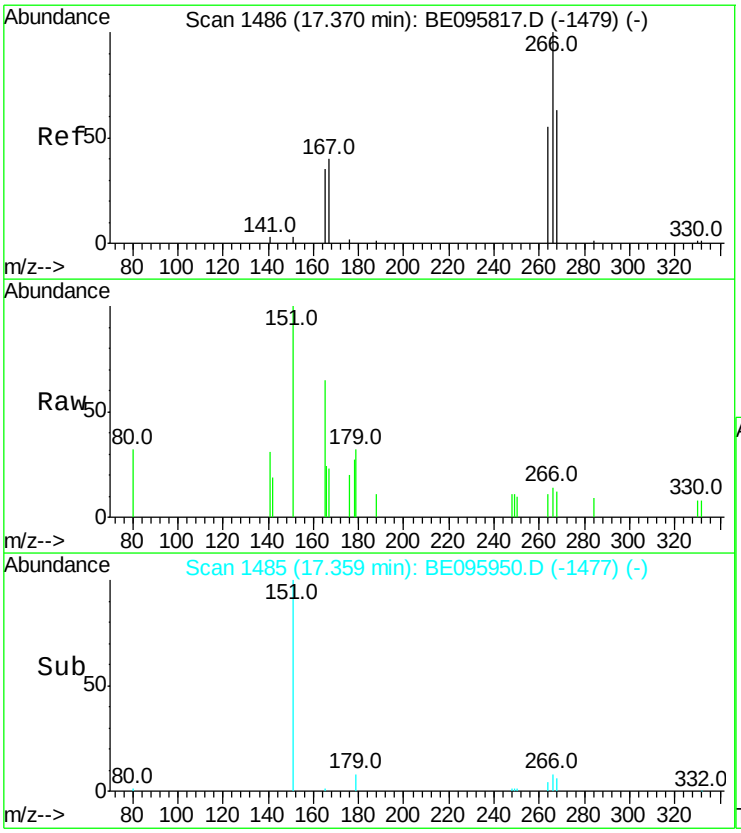
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7510

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.1	3.6	5.4#

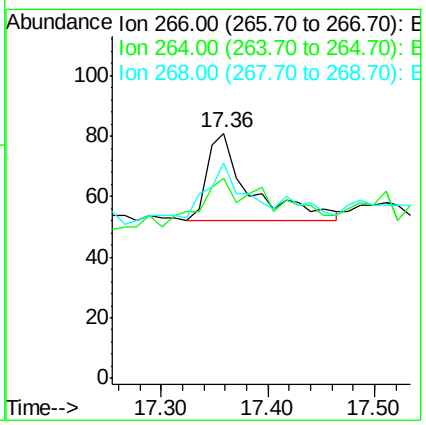


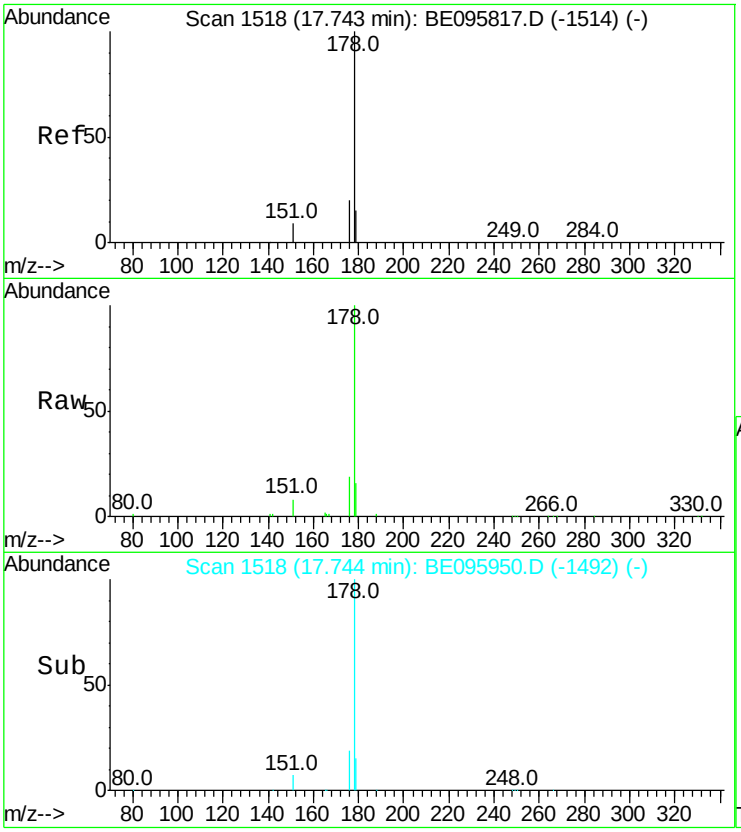


#22
Pentachlorophenol
Concen: 0.179 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:266 Resp: 81

Ion	Ratio	Lower	Upper
266	100		
264	81.5	72.5	108.7
268	87.7	73.8	110.6



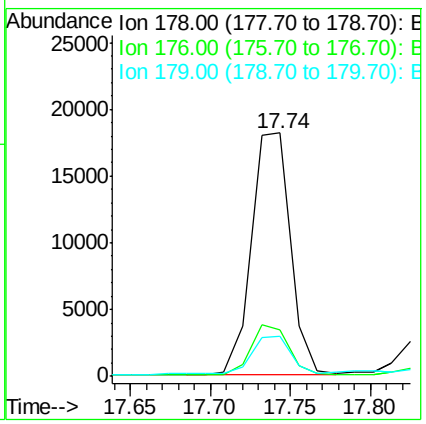


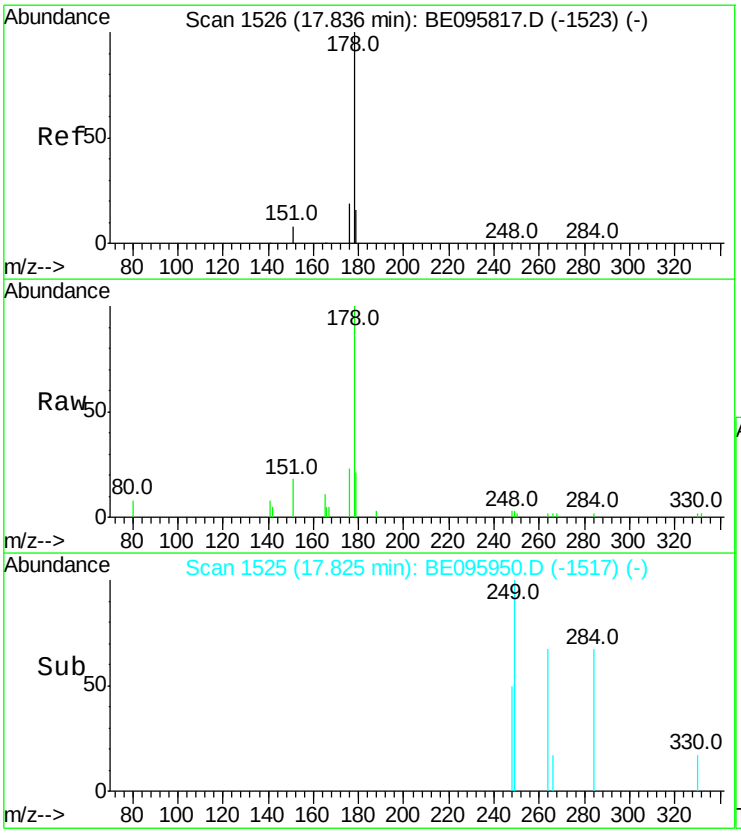
#23
Phenanthrene
Concen: 1.358 ng
RT: 17.74 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 30533

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	17.0	11.8	17.6

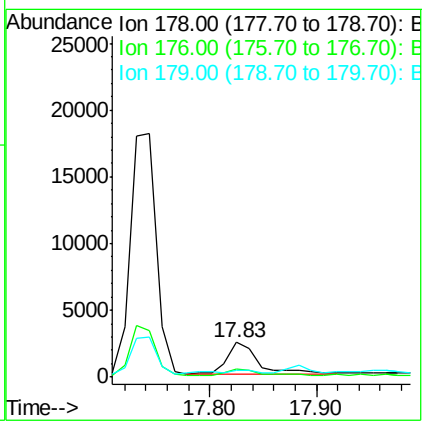


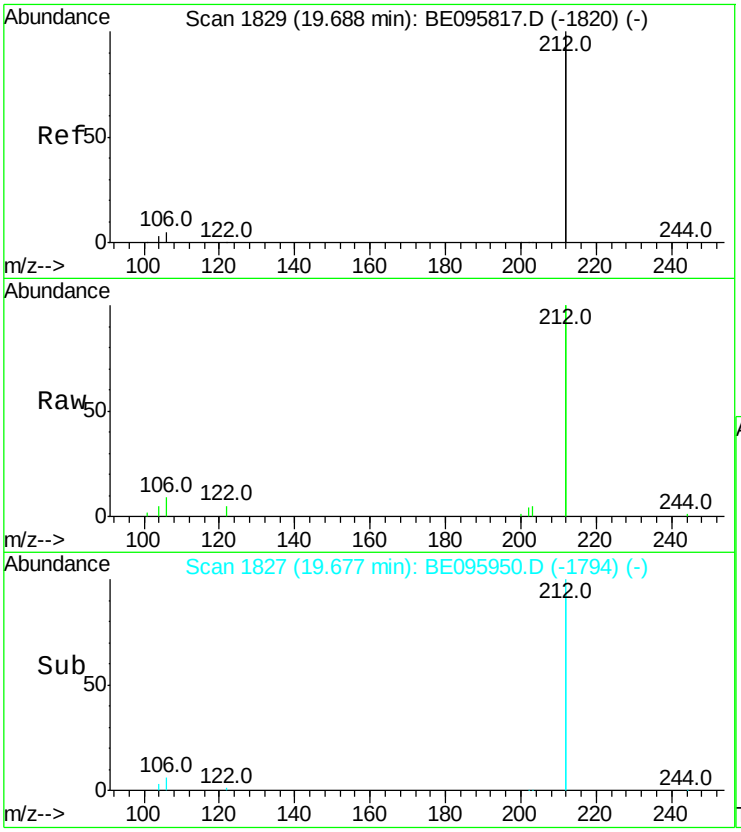


#24
Anthracene
Concen: 0.205 ng
RT: 17.83 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:178 Resp: 4615

Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	12.5	13.0	19.6#



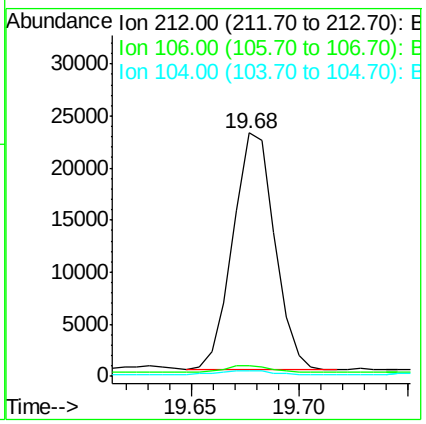


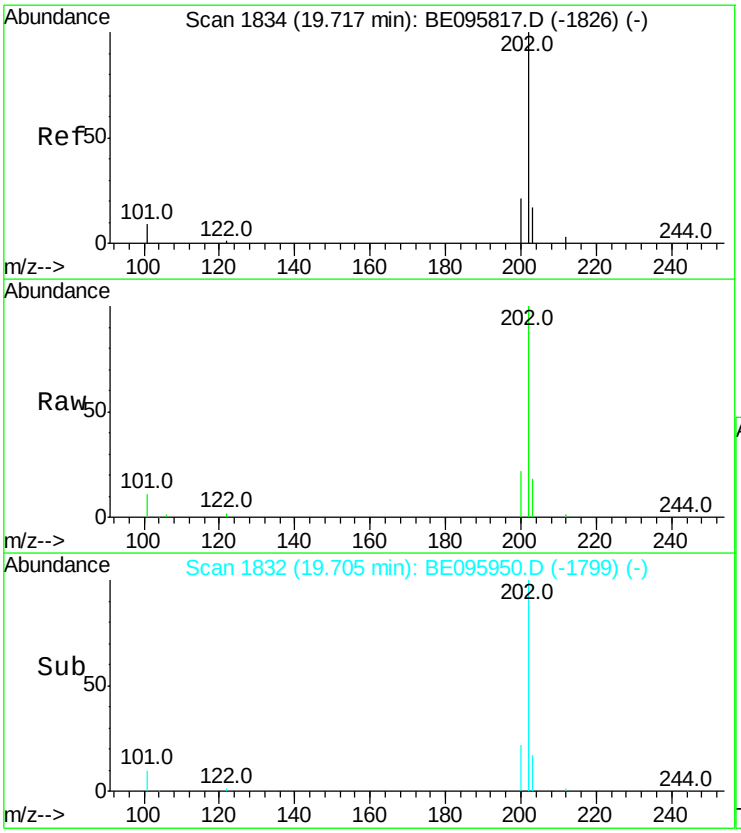
#25
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.68 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30148

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.8	1.6	2.4

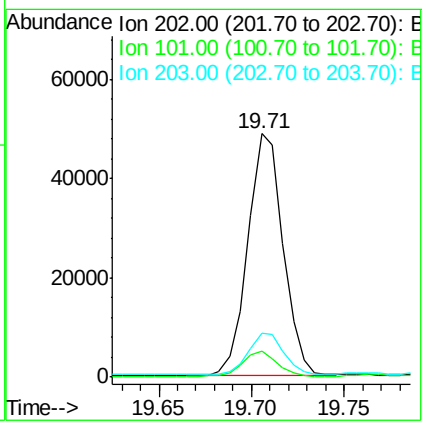


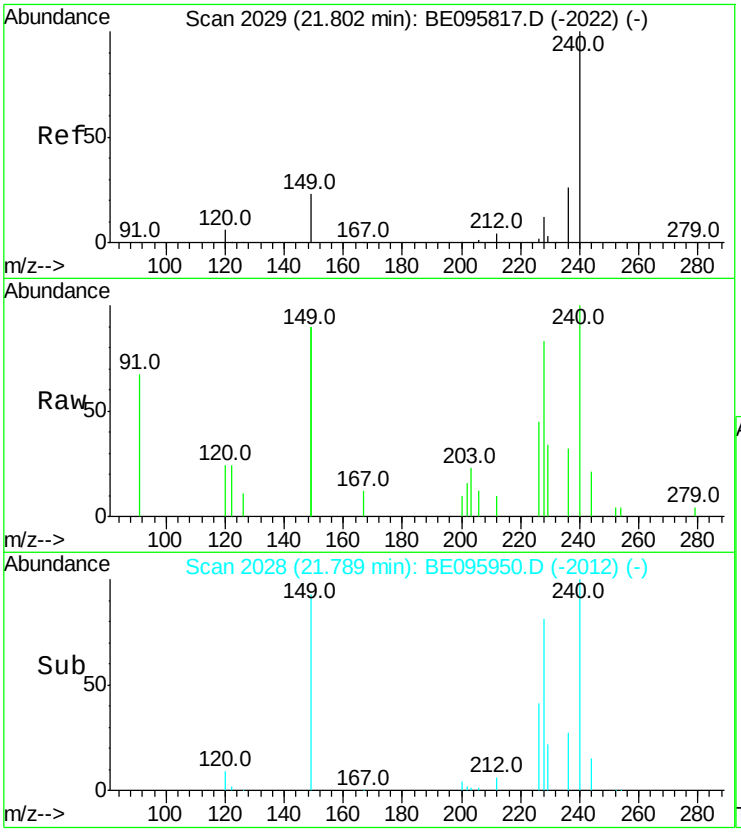


#26
Fluoranthene
Concen: 2.070 ng
RT: 19.71 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:202 Resp: 64642

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.4	13.7	20.5



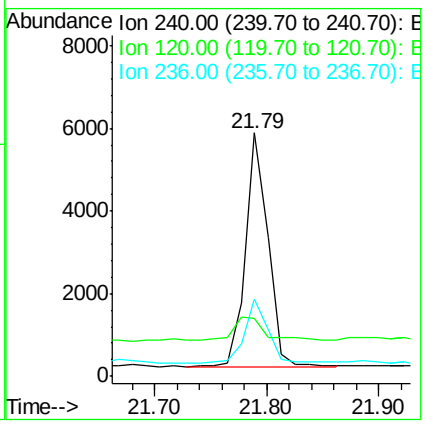


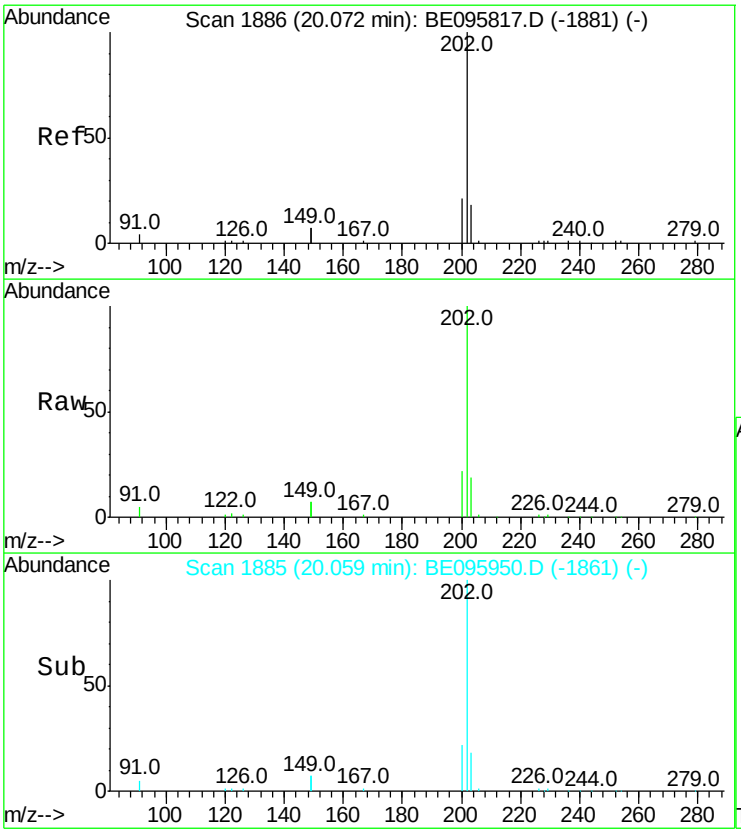
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7901

Ion	Ratio	Lower	Upper
240	100		
120	23.6	5.5	8.3#
236	31.6	20.7	31.1#

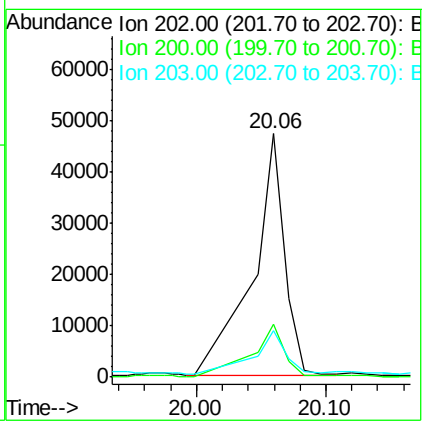


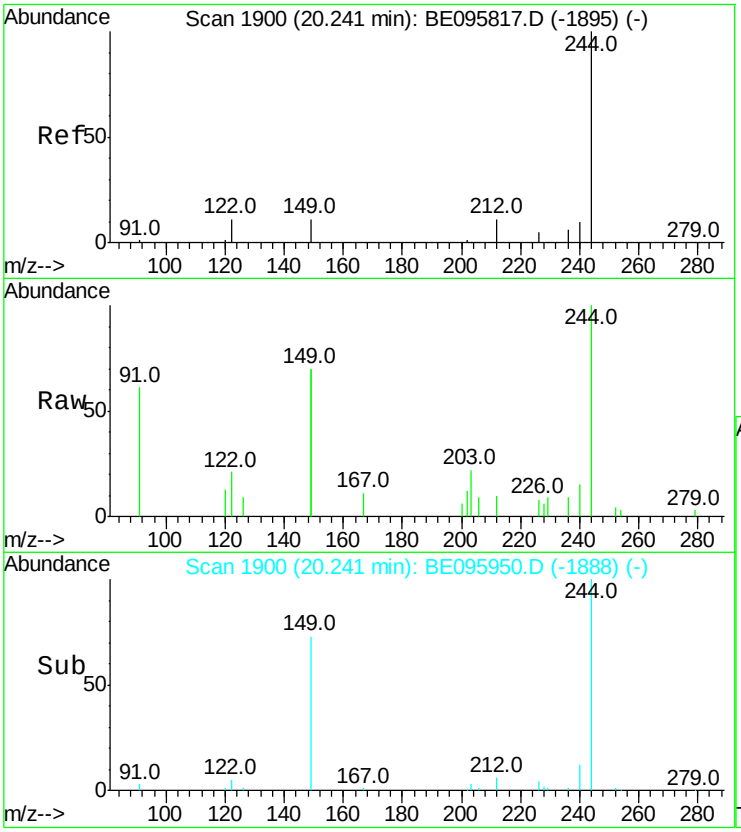


#28
Pyrene
Concen: 2.533 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:202 Resp: 81535

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.6	25.0
203	19.2	13.8	20.8



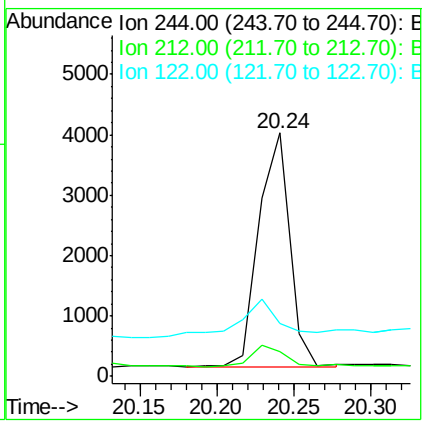


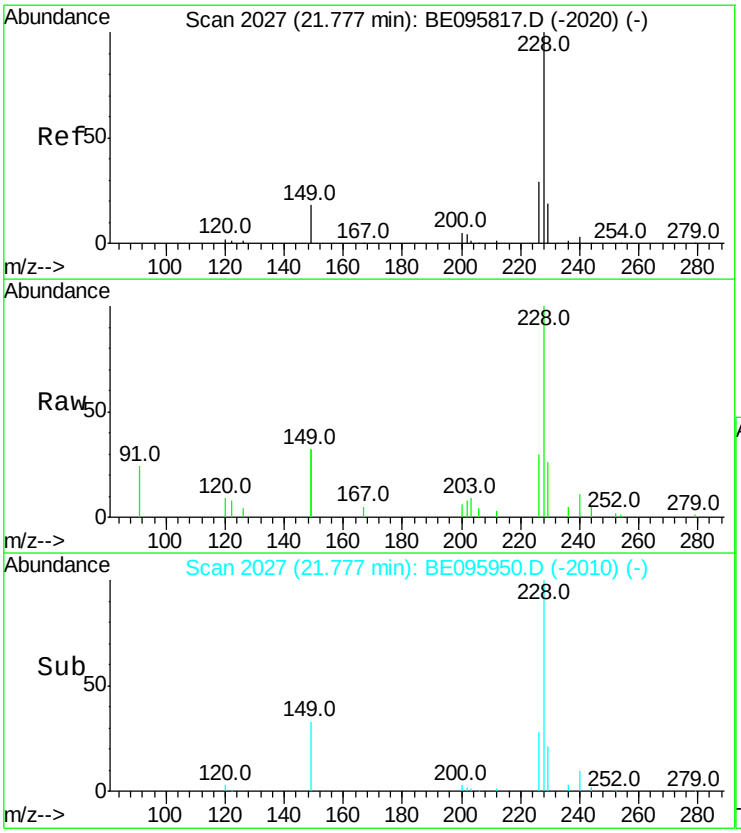
#29
Terphenyl-d14
Concen: 0.324 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5442

Ion	Ratio	Lower	Upper
244	100		
212	10.4	25.4	38.0#
122	21.5	8.1	12.1#

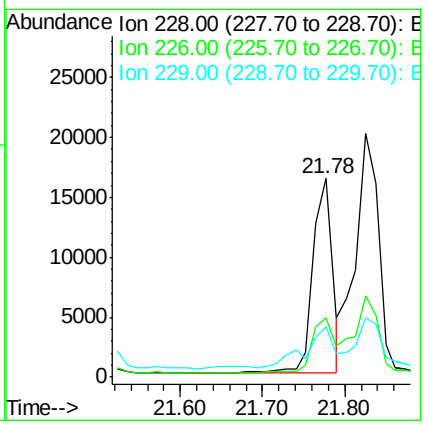


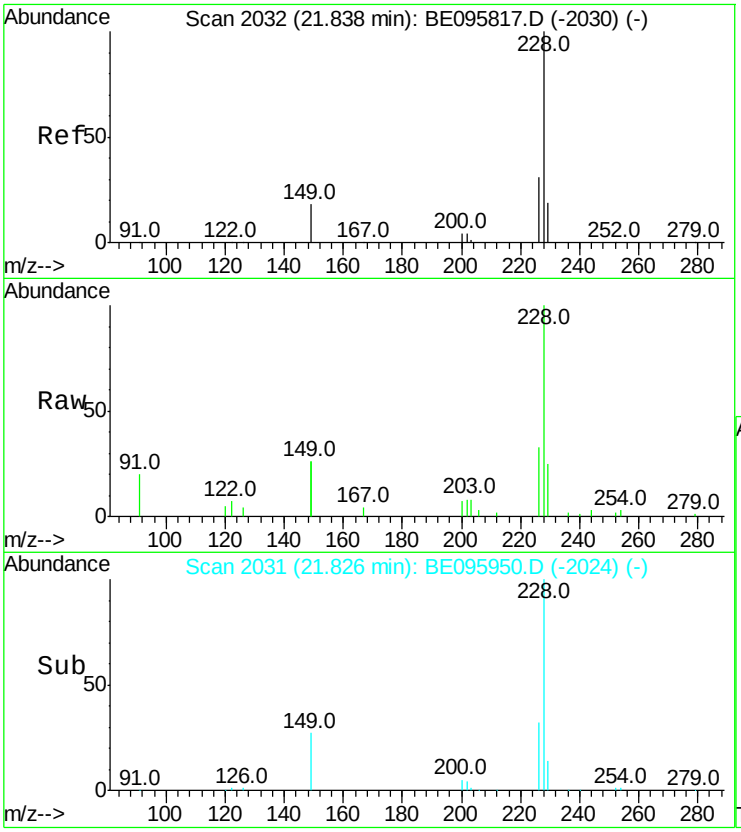


#30
Benzo(a)anthracene
Concen: 0.966 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:228 Resp: 26463

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	25.7	16.0	24.0#



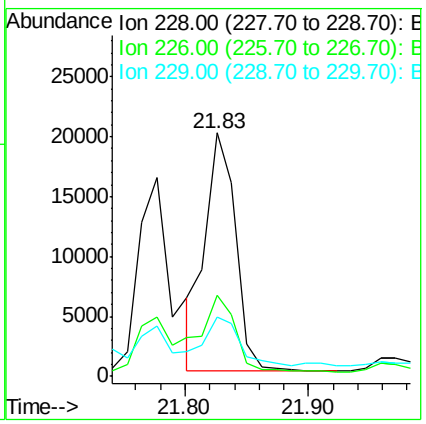


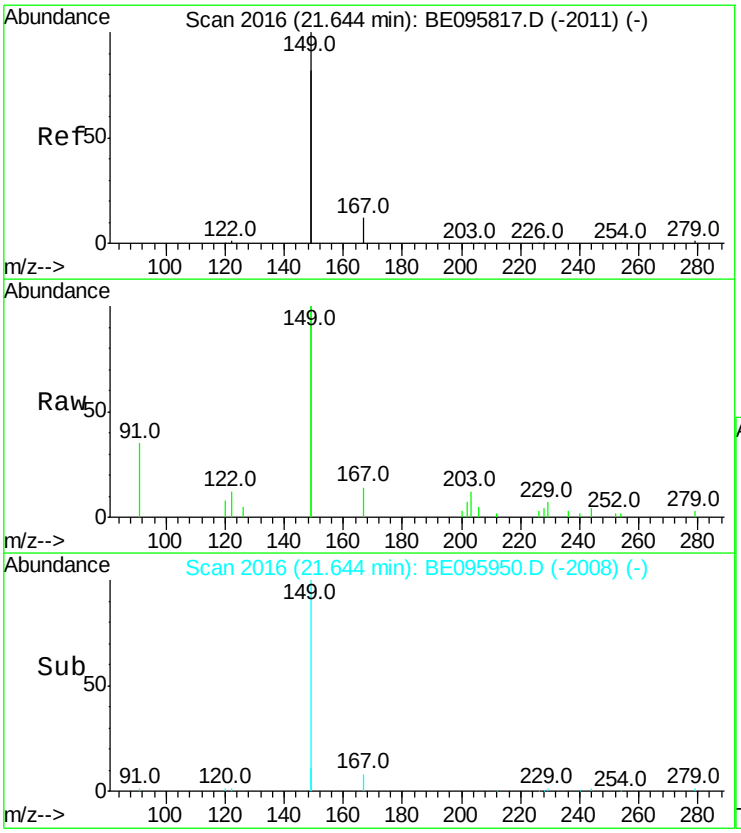
#31
Chrysene
Concen: 1.371 ng
RT: 21.83 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34267

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.0	36.0
229	24.5	16.0	24.0#

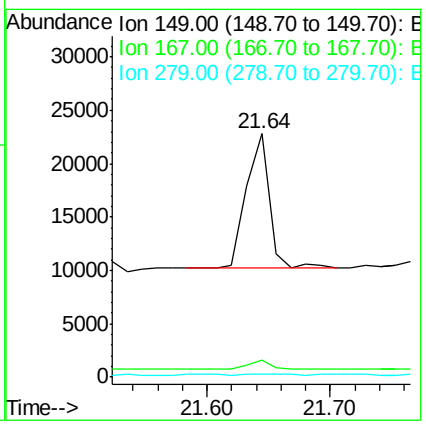


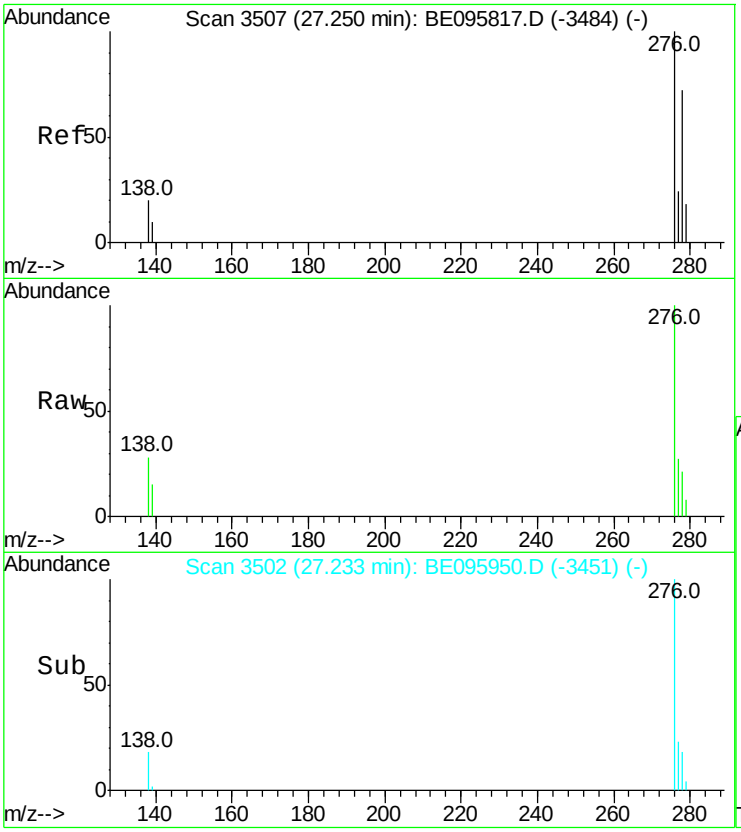


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.198 ng
RT: 21.64 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:149 Resp: 16625

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



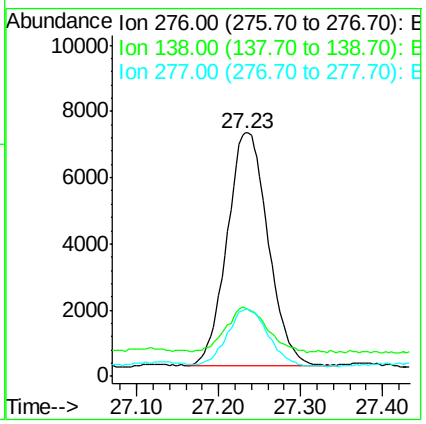


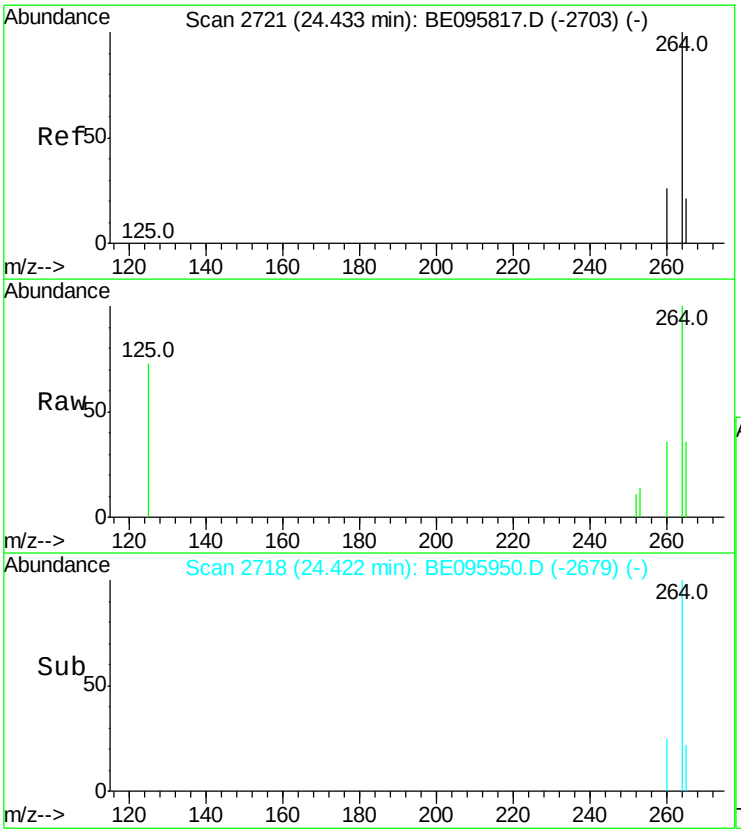
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.904 ng
RT: 27.23 min Scan# 3502
Delta R.T. -0.02 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24343

Ion	Ratio	Lower	Upper
276	100		
138	18.8	22.5	33.7#
277	24.6	19.9	29.9

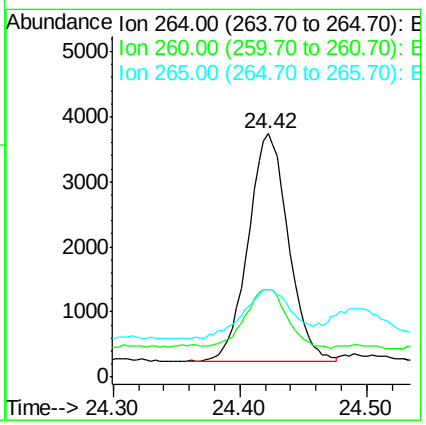


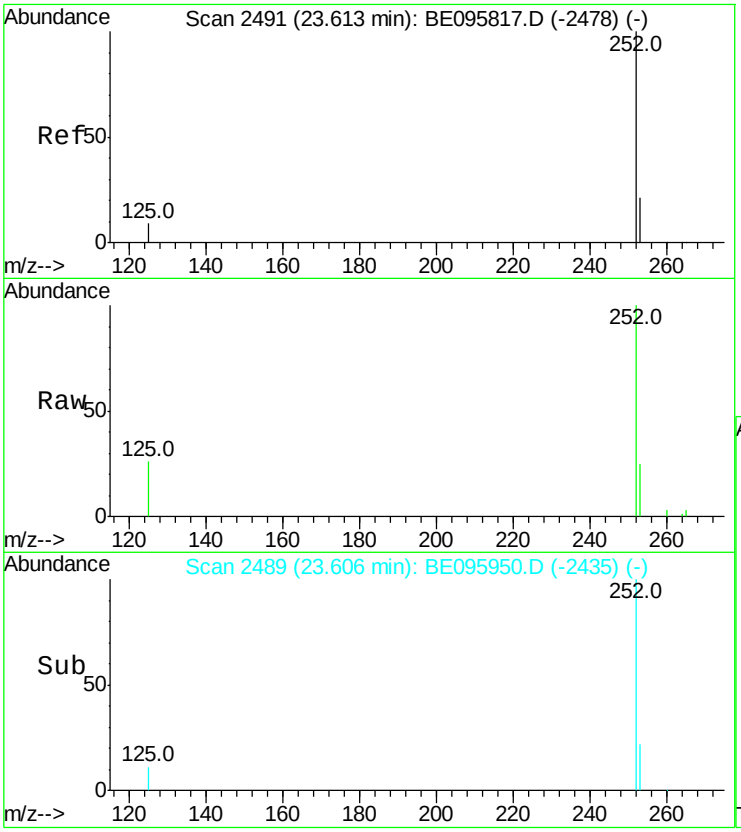


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:264 Resp: 7766

Ion	Ratio	Lower	Upper
264	100		
260	36.1	20.5	30.7#
265	36.0	22.8	34.2#



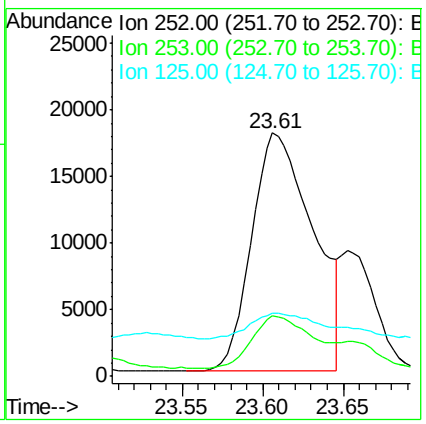


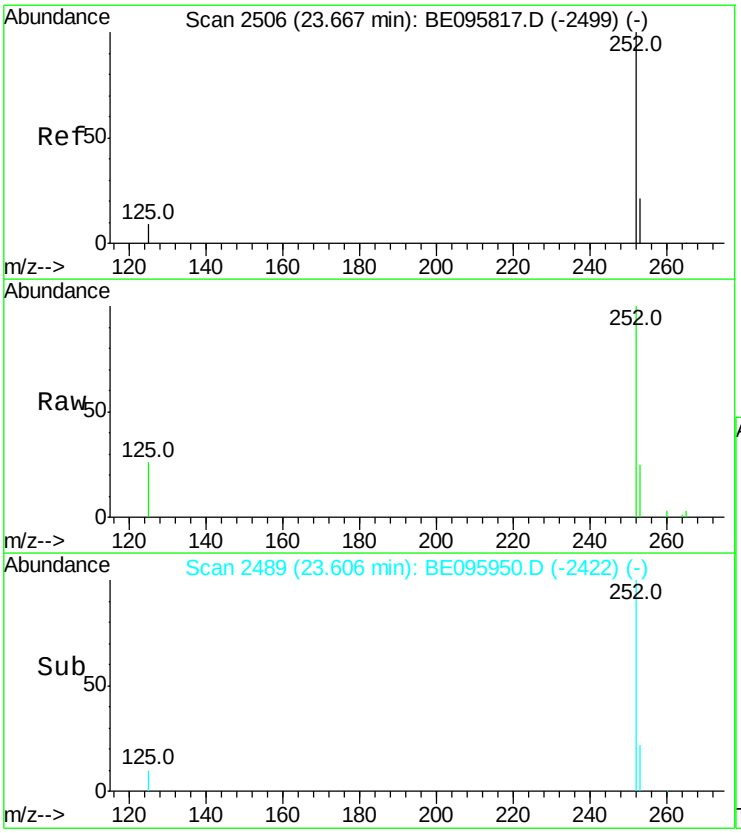
#35
Benzo(b)fluoranthene
Concen: 1.850 ng
RT: 23.61 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 47518

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.0	30.0
125	25.9	16.0	24.0#

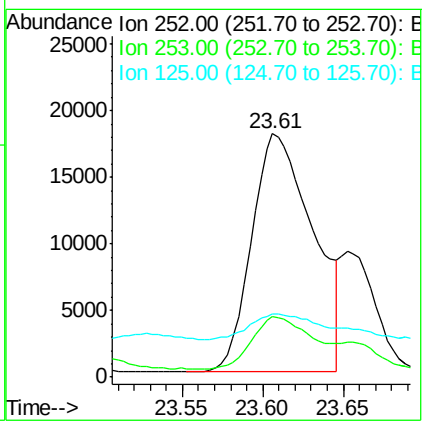


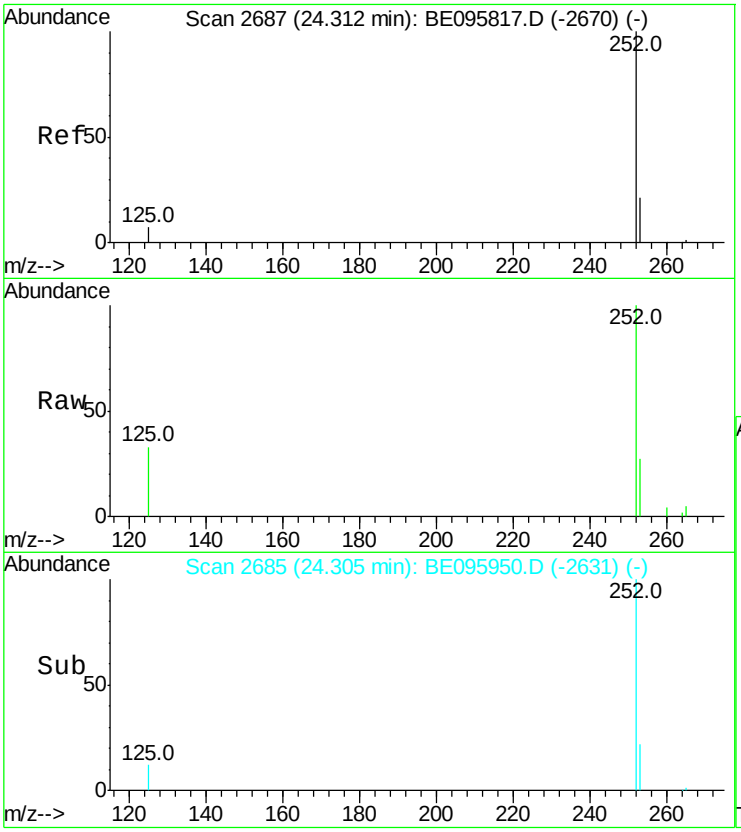


#36
Benzo(k)fluoranthene
Concen: 1.849 ng
RT: 23.61 min Scan# 2489
Delta R.T. -0.06 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:252 Resp: 47518

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.0	24.0#
125	25.9	8.0	12.0#



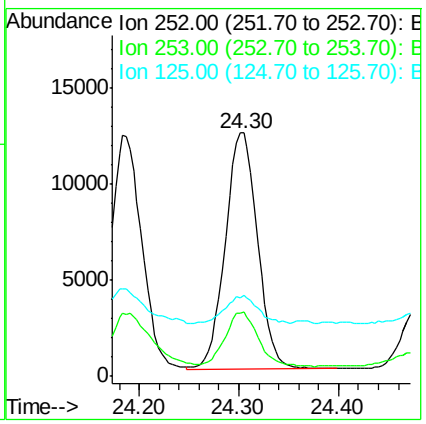


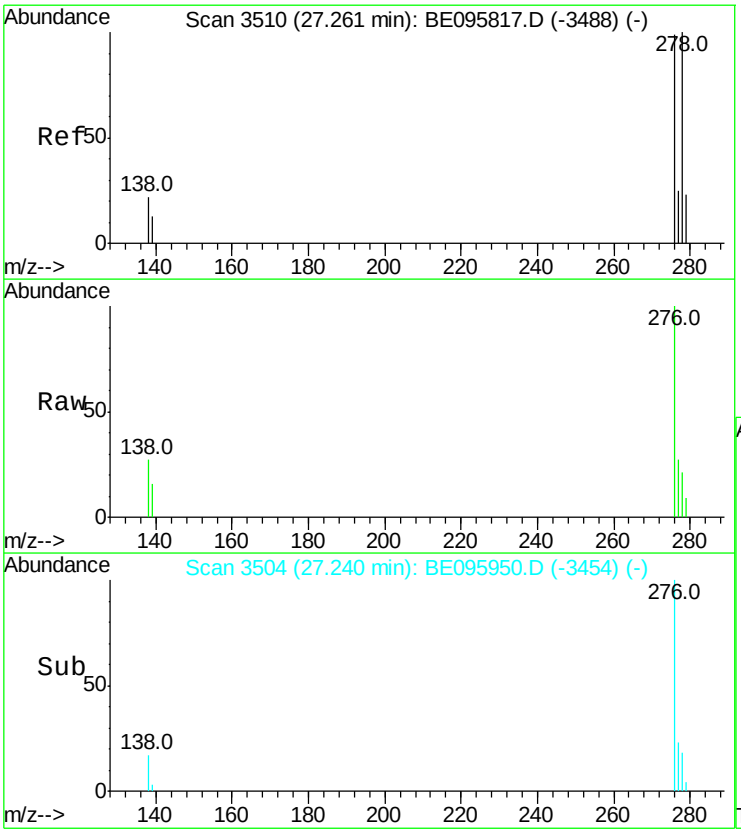
#37
Benzo(a)pyrene
Concen: 1.146 ng
RT: 24.30 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 27600

Ion	Ratio	Lower	Upper
252	100		
253	26.6	16.0	24.0#
125	33.2	12.0	18.0#

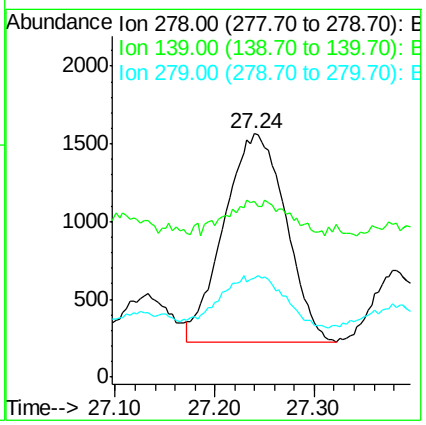


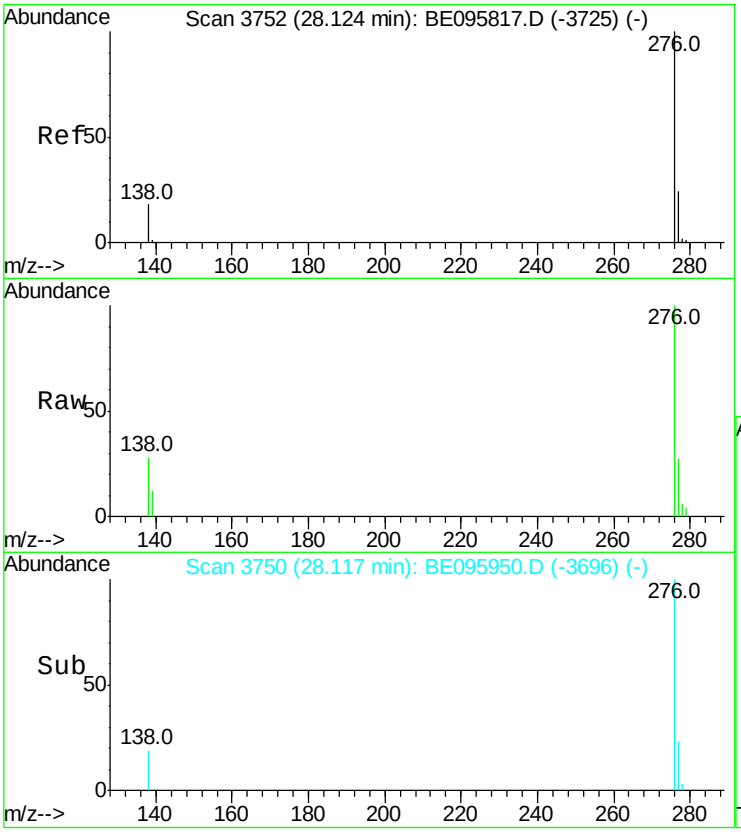


#38
Dibenzo(a,h)anthracene
Concen: 0.253 ng
RT: 27.24 min Scan# 3504
Delta R.T. -0.02 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Tgt Ion:278 Resp: 5785

Ion	Ratio	Lower	Upper
278	100		
139	72.3	16.0	24.0#
279	40.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 1.153 ng
RT: 28.12 min Scan# 3750
Delta R.T. -0.01 min
Lab File: BE095950.D
Acq: 5 Apr 2018 9:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 26503

Ion	Ratio	Lower	Upper
276	100		
277	26.6	16.0	24.0#
138	27.7	20.0	30.0