Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095547.D
Acq On : 7 Feb 2018 10:49
Operator : SJ/JU
Sample : J1196-30DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 08 01:13:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1147	0.40	ng		-0.01
7) Naphthalene-d8	11.28	136	4392	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2603	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6292	0.40	ng		0.00
27) Chrysene-d12	21.79	240	6306	0.40	ng		0.00
34) Perylene-d12	24.43	264	5661	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	285	0.08	ng		0.00
5) Phenol-d6	7.55	99	365	0.08	ng		-0.01
8) Nitrobenzene-d5	9.61	82	363	0.08	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	621	0.09	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	64	0.05	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	1040	0.09	ng		-0.02
25) Fluoranthene-d10	19.69	212	6638	0.08	ng		0.00
29) Terphenyl-d14	20.25	244	1398	0.10	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.31	128	45930	0.900	ng		99
16) Acenaphthylene	14.74	152	38523	2.595	ng		99
17) Acenaphthene	15.06	154	14061	1.524	ng		94
18) Fluorene	16.02	166	16368	1.411	ng	#	78
22) Pentachlorophenol	17.37	266	6	0.166	ng		91
23) Phenanthrene	17.74	178	15708	0.813	ng		98
24) Anthracene	17.83	178	5653	0.313	ng	#	95
26) Fluoranthene	19.71	202	21230	0.871	ng		97
28) Pyrene	20.06	202	10667	0.403	ng		97
30) Benzo(a)anthracene	21.78	228	8469	0.403	ng		98
31) Chrysene	21.84	228	8326	0.402	ng		99
33) Indeno(1,2,3-cd)pyrene	27.25	276	5594	0.280	ng		98
35) Benzo(b)fluoranthene	23.61	252	10934	0.566	ng	#	89
36) Benzo(k)fluoranthene	23.67	252	8315	0.419	ng		95
37) Benzo(a)pyrene	24.31	252	15962	0.889	ng	#	93
38) Dibenzo(a,h)anthracene	27.26	278	9561	0.608	ng		97
39) Benzo(g,h,i)perylene	28.11	276	10183	0.603	ng	#	92

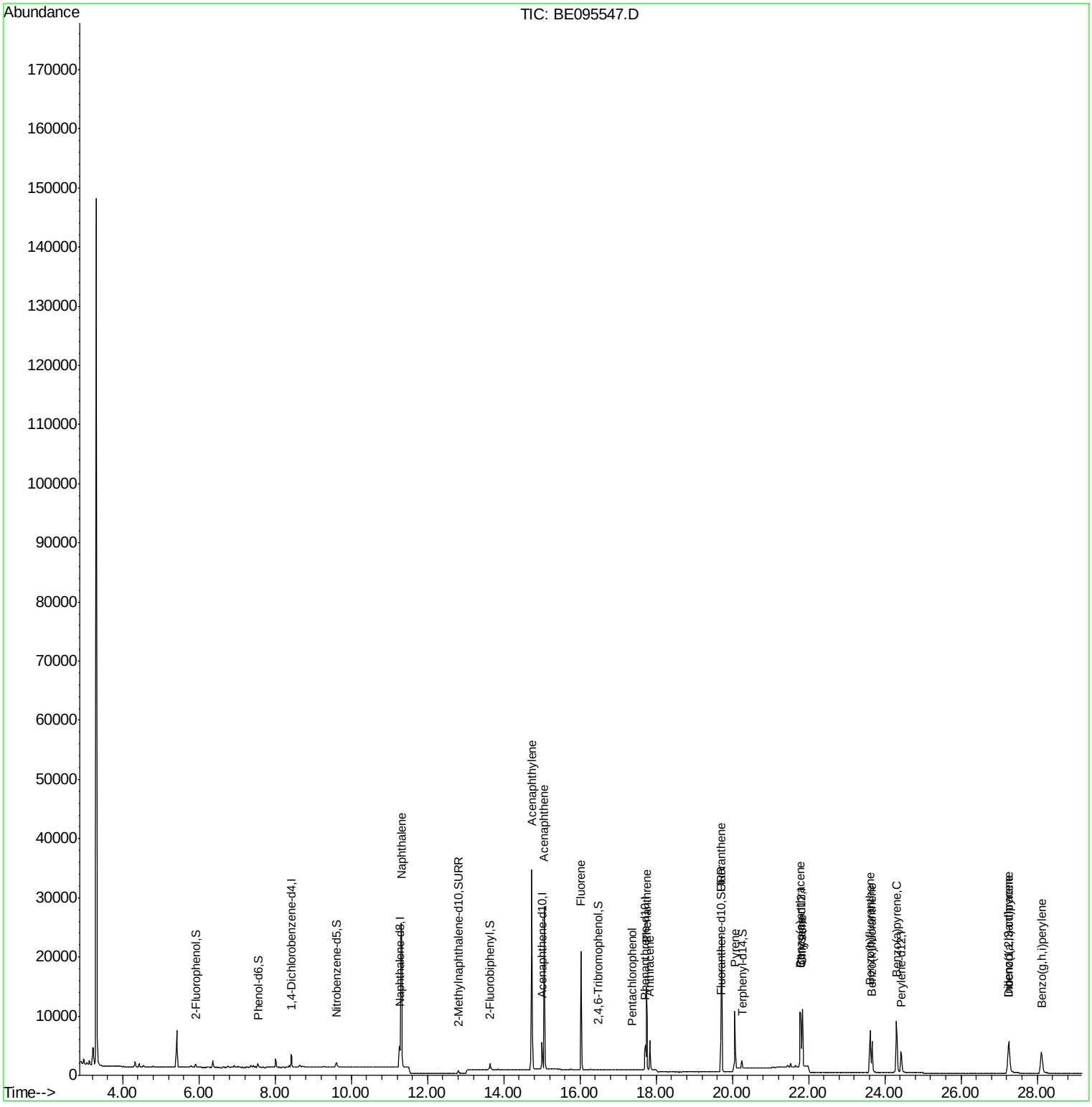
(#) = qualifier out of range (m) = manual integration (+) = signals summed

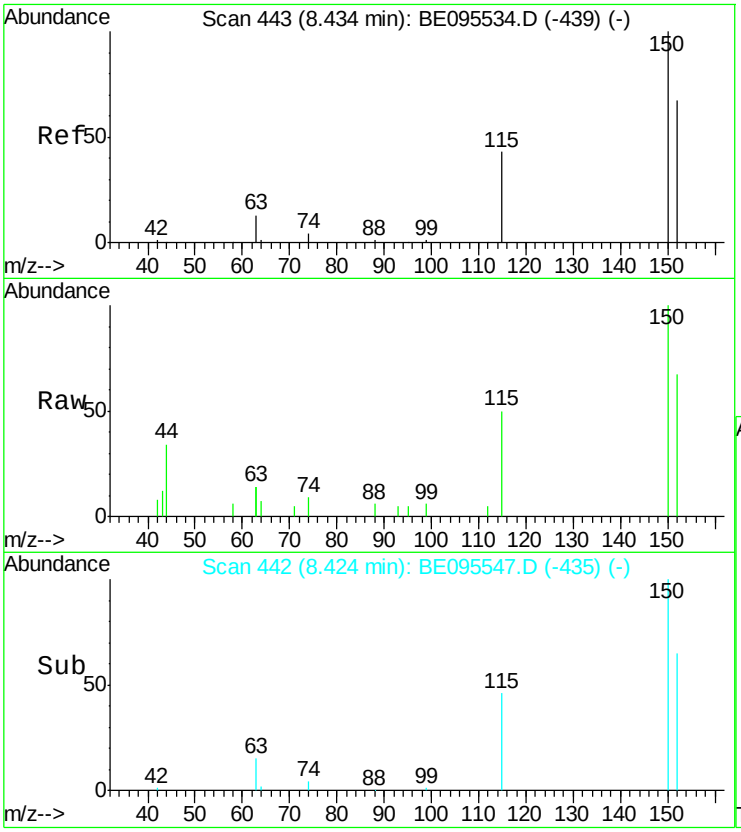
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095547.D
Acq On : 7 Feb 2018 10:49
Operator : SJ/JU
Sample : J1196-30DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 08 01:13:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration



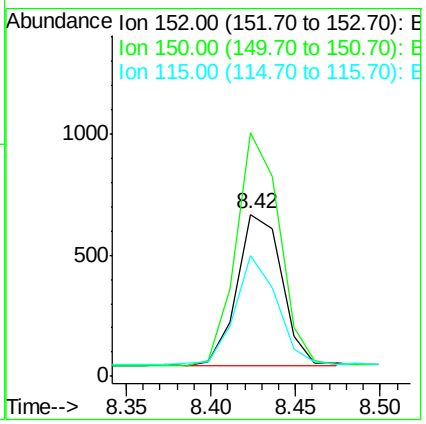


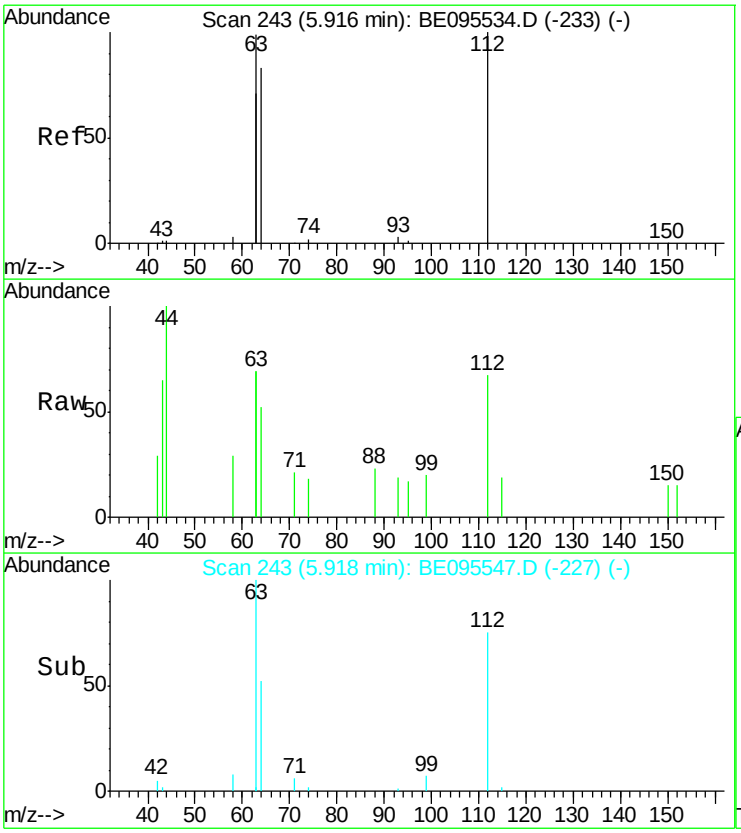
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1147

Ion	Ratio	Lower	Upper
152	100		
150	150.0	117.2	175.8
115	74.5	57.0	85.6

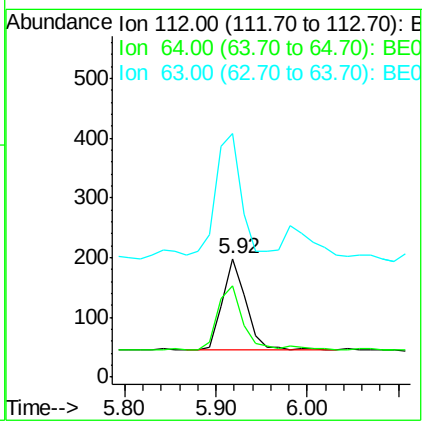


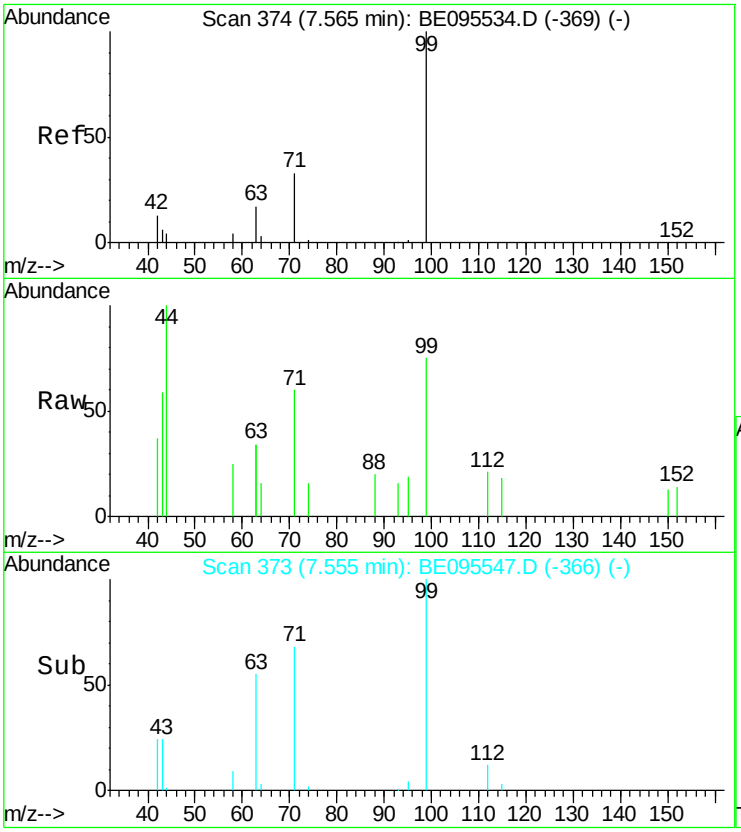


#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:112 Resp: 285

Ion	Ratio	Lower	Upper
112	100		
64	76.5	60.1	90.1
63	145.6	116.8	175.2



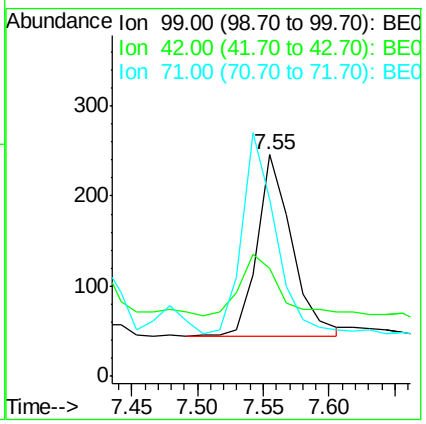


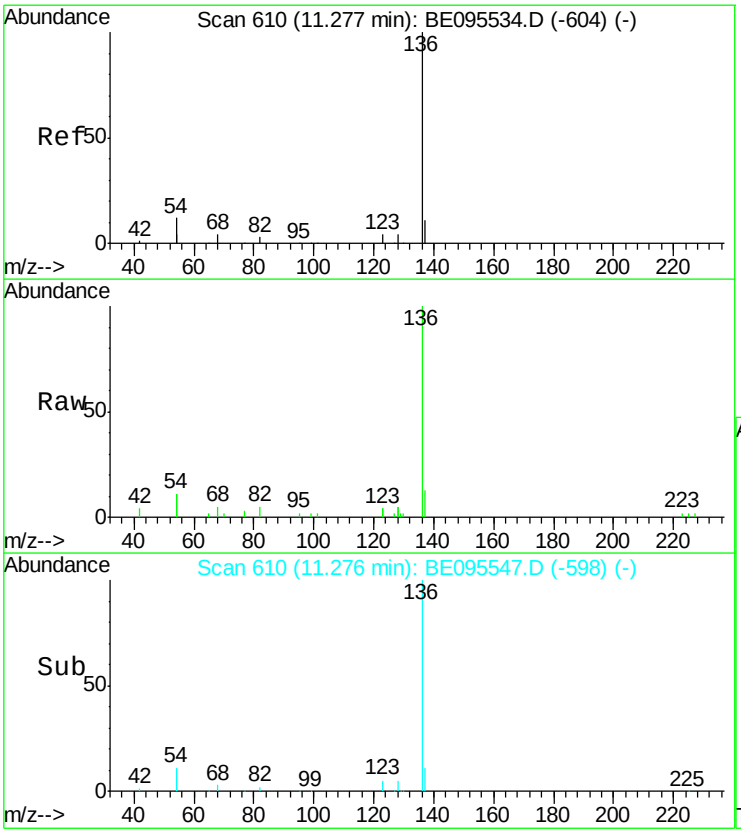
#5
Phenol-d6
Concen: 0.076 ng
RT: 7.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 365

Ion	Ratio	Lower	Upper
99	100		
42	38.4	20.2	30.2#
71	108.2	28.4	42.6#

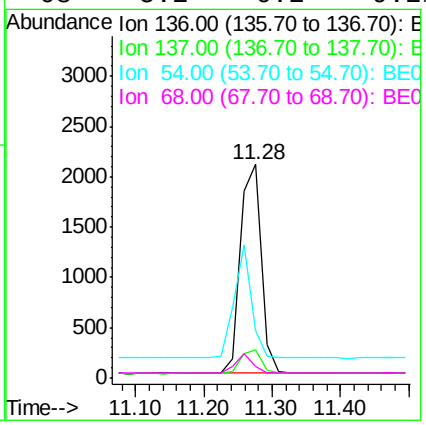


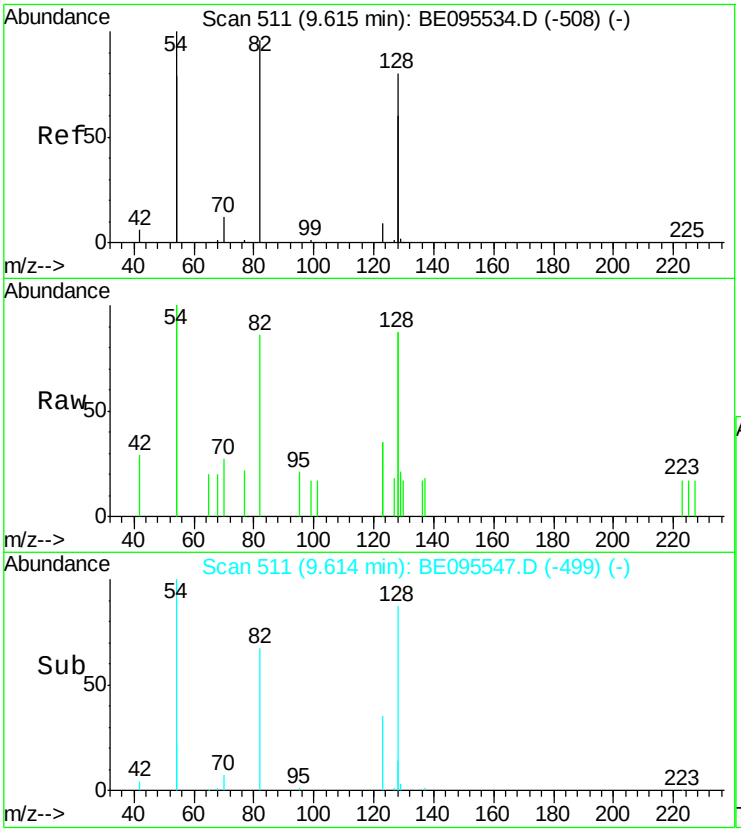


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:136 Resp: 4392

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	22.1	29.1	43.7#
68	5.2	6.2	9.2#



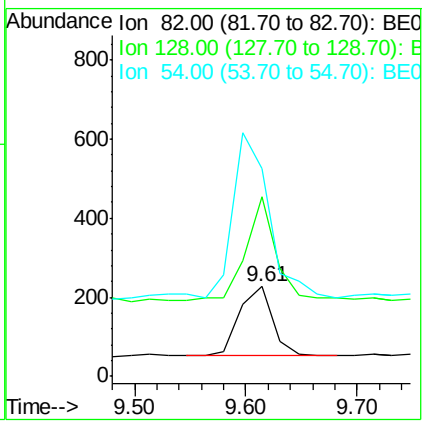


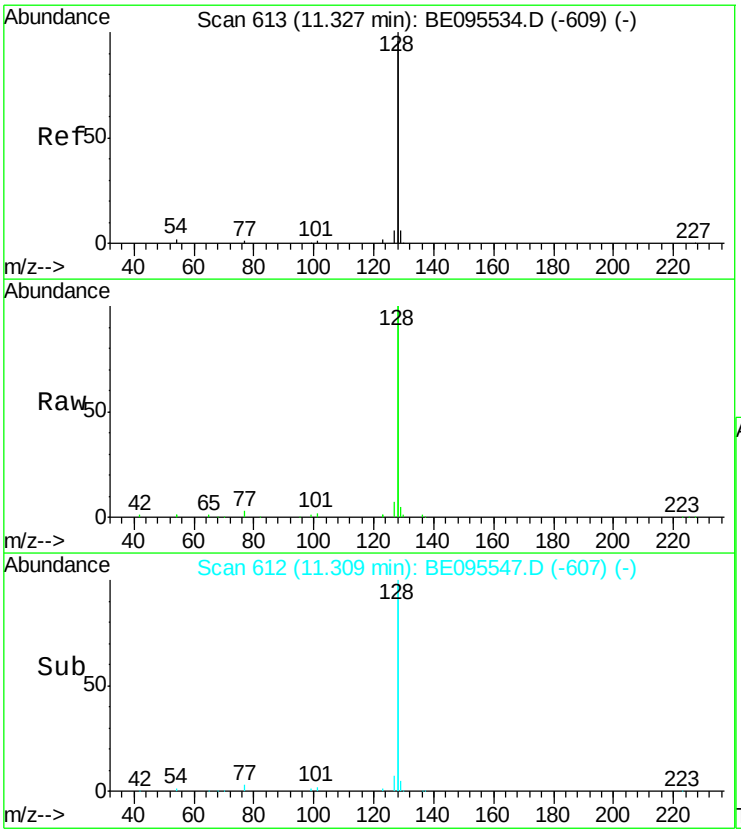
#8
Nitrobenzene-d5
Concen: 0.078 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 363

Ion	Ratio	Lower	Upper
82	100		
128	200.9	150.0	225.0
54	231.7	154.2	231.4#

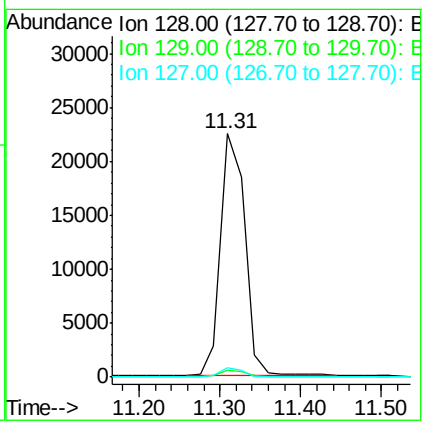


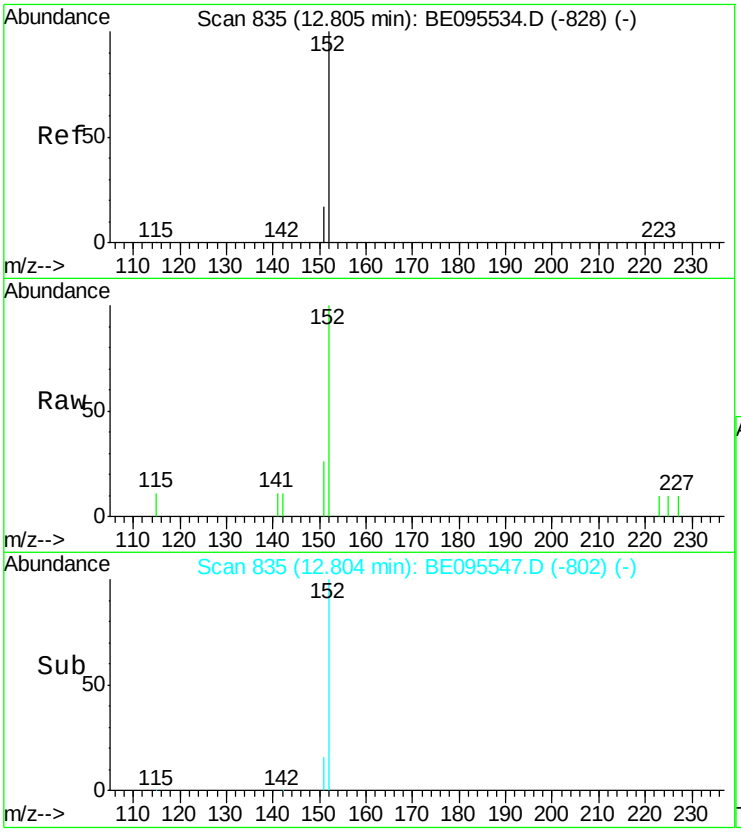


#9
Naphthalene
Concen: 0.900 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:128 Resp: 45930

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.6	2.8	4.2



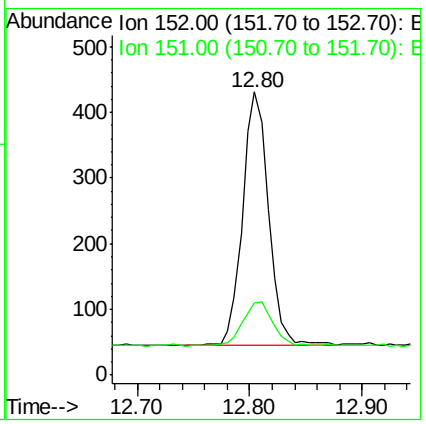


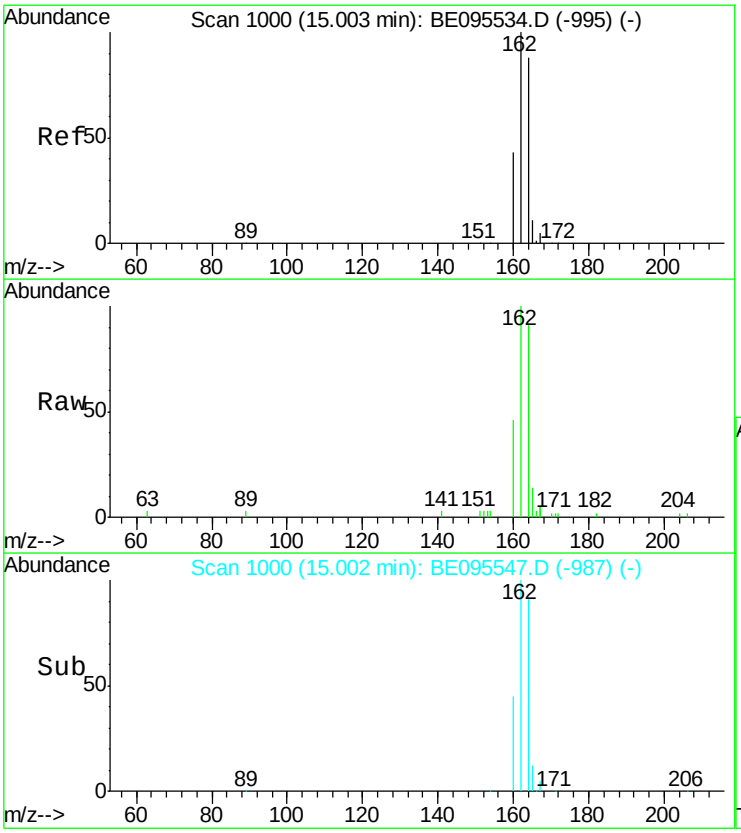
#11
2-Methylnaphthalene-d10
Concen: 0.085 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 621

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.4	23.0

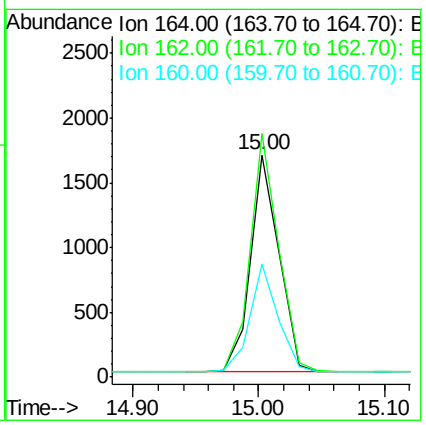


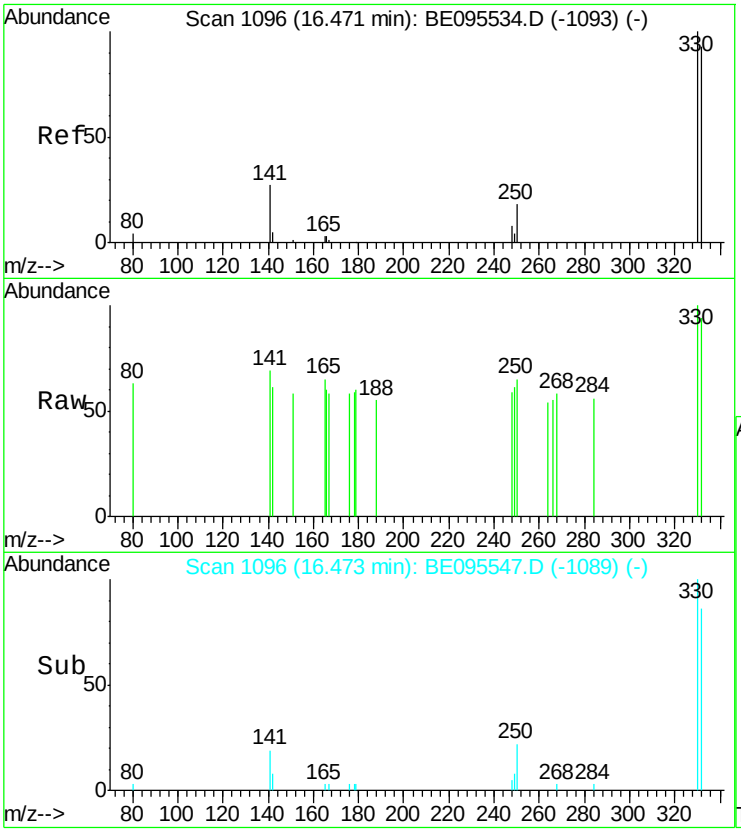


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:164 Resp: 2603

Ion	Ratio	Lower	Upper
164	100		
162	109.6	83.1	124.7
160	50.9	37.1	55.7



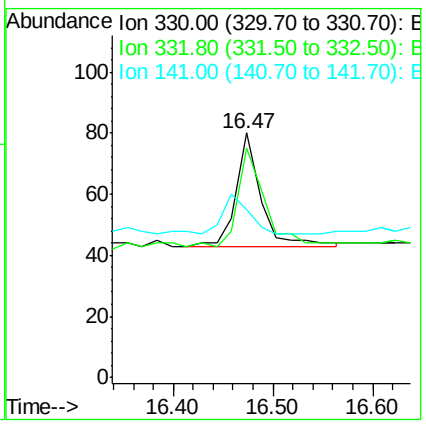


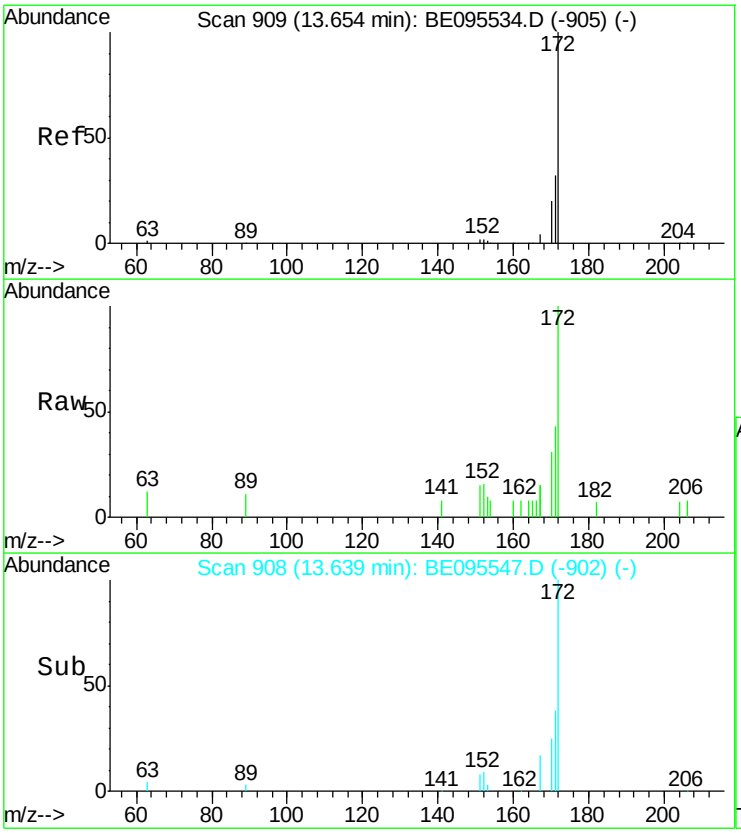
#14
2,4,6-Tribromophenol
Concen: 0.054 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 64

Ion	Ratio	Lower	Upper
330	100		
332	92.2	152.7	229.1#
141	35.9	33.7	50.5

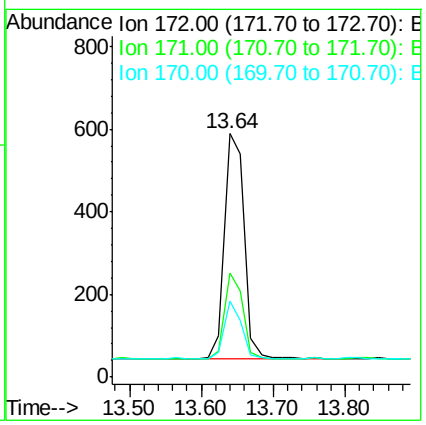


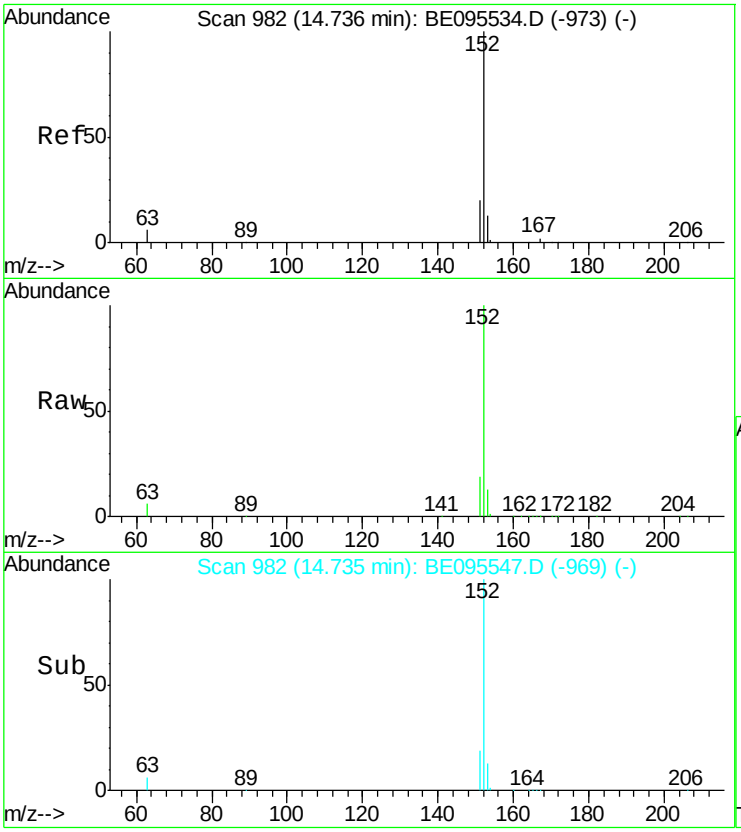


#15
2-Fluorobiphenyl
Concen: 0.093 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:172 Resp: 1040

Ion	Ratio	Lower	Upper
172	100		
171	43.0	29.9	44.9
170	31.1	21.8	32.8



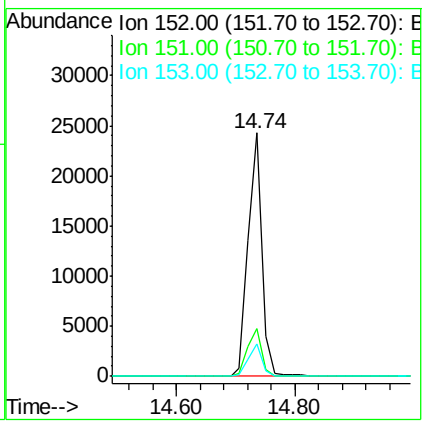


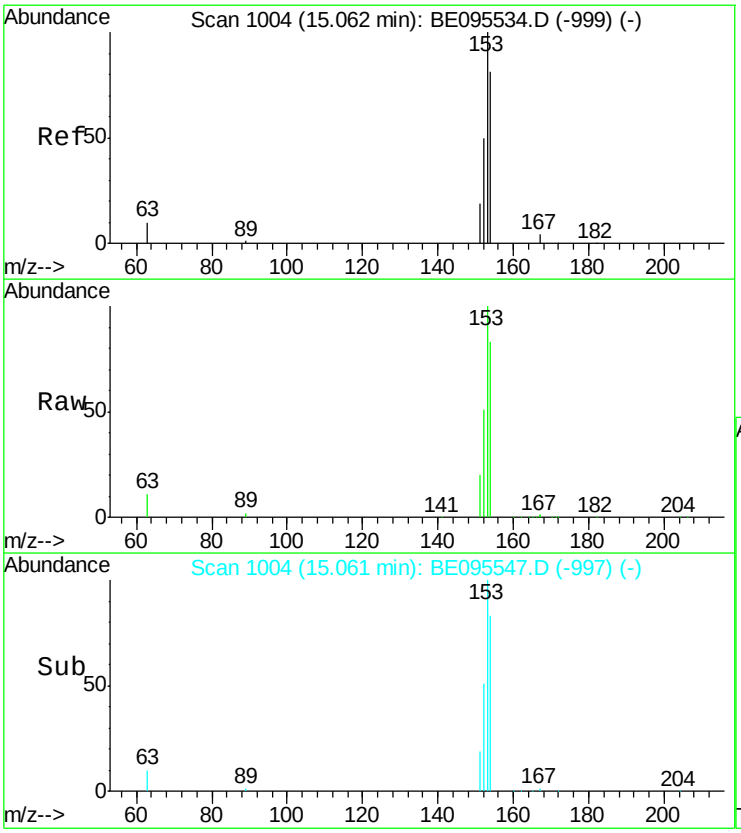
#16
Acenaphthylene
Concen: 2.595 ng
RT: 14.74 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 38523

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.0	10.5	15.7

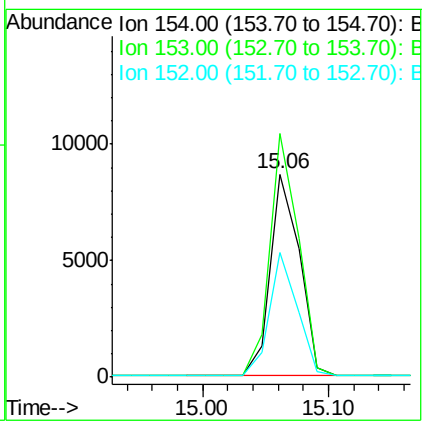


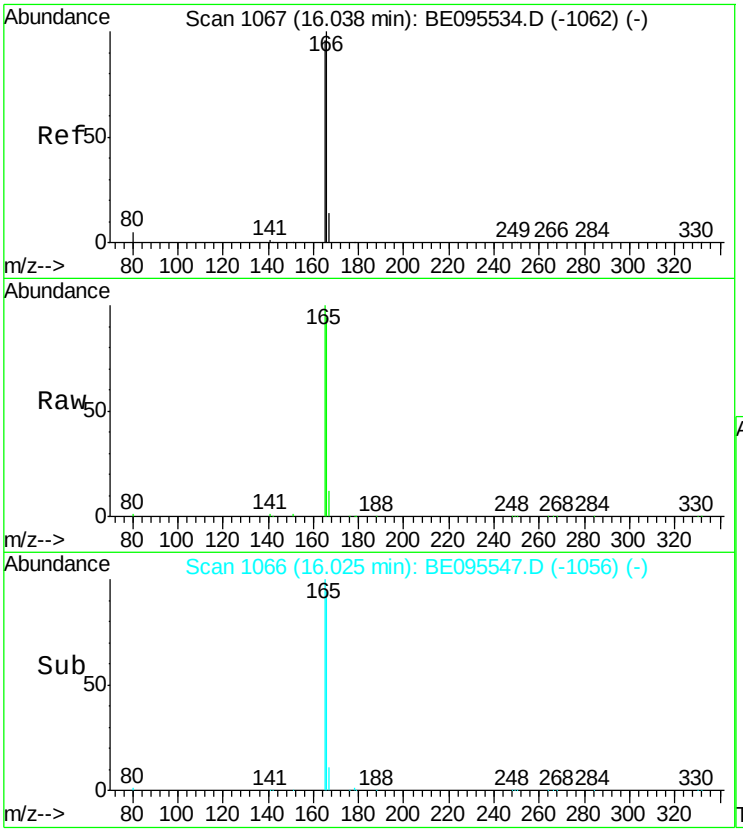


#17
Acenaphthene
Concen: 1.524 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:154 Resp: 14061

Ion	Ratio	Lower	Upper
154	100		
153	117.2	89.2	133.8
152	58.4	42.0	63.0



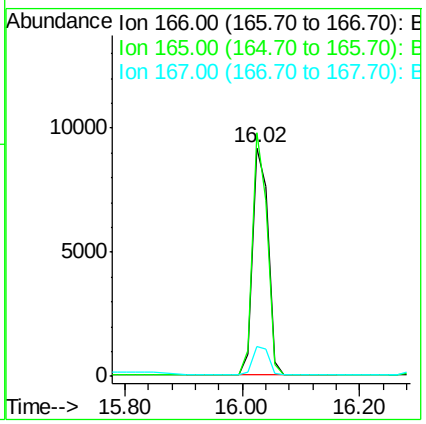


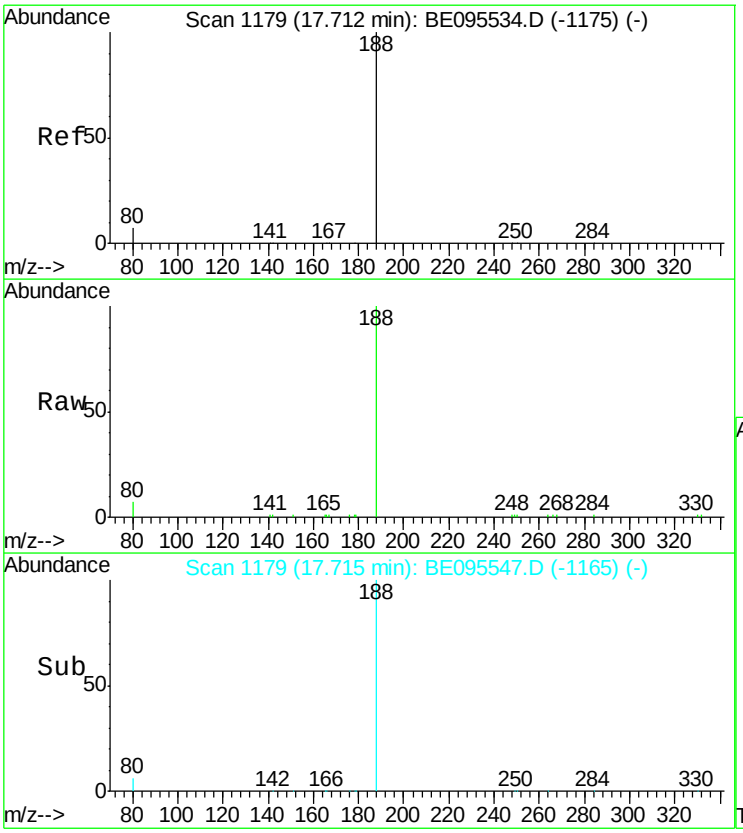
#18
Fluorene
Concen: 1.411 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 16368

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.6
167	13.2	42.4	63.6#

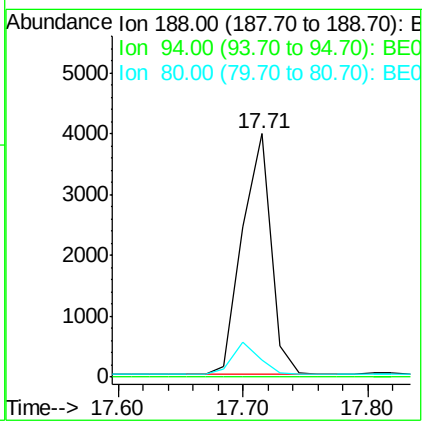


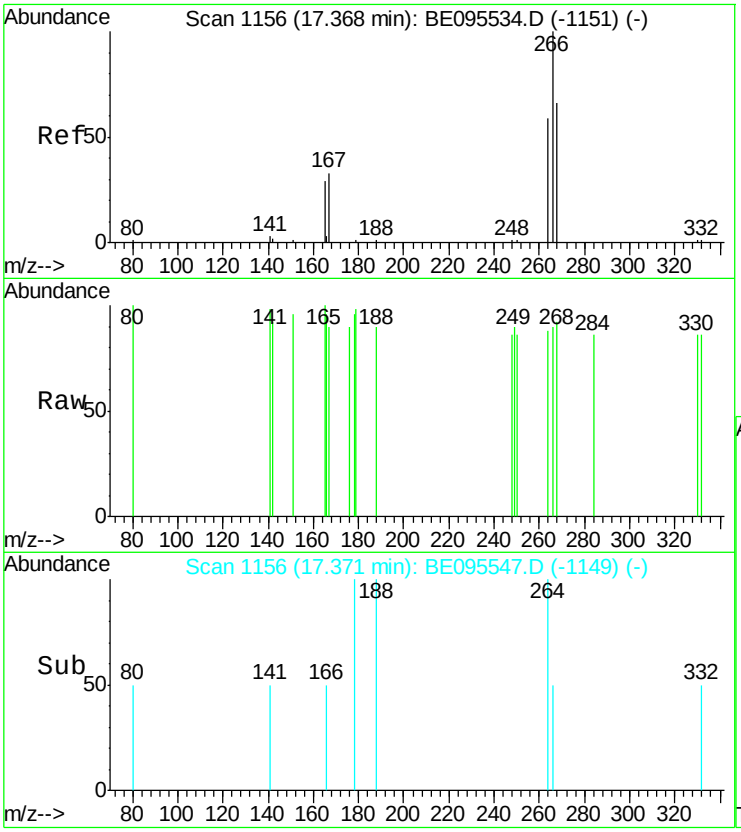


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:188 Resp: 6292

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.1	3.6	5.4#



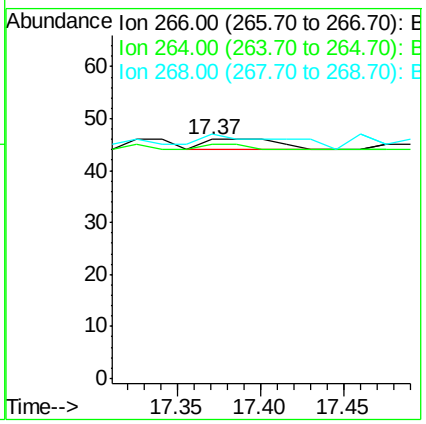


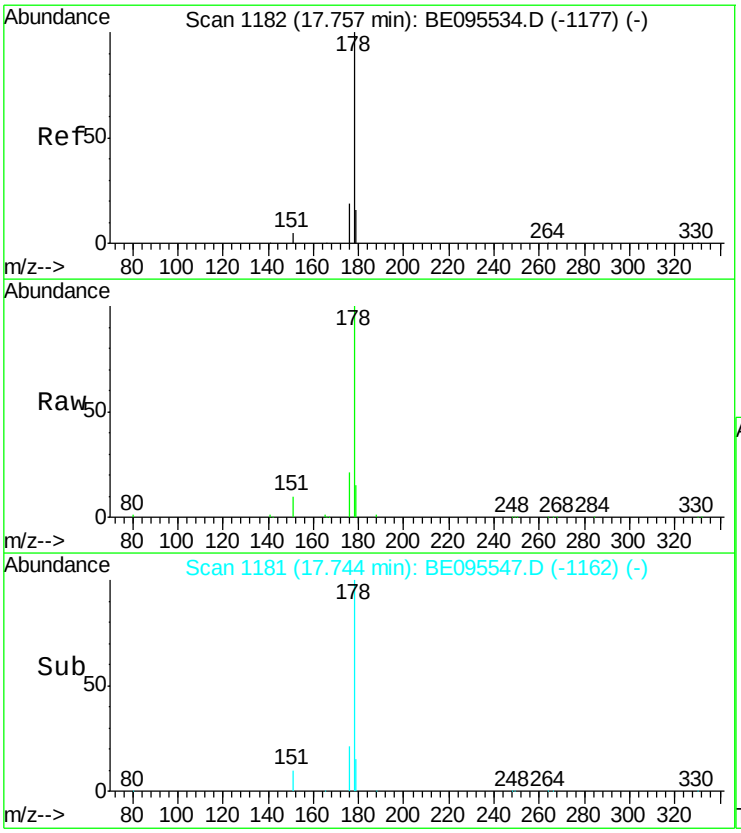
#22
Pentachlorophenol
Concen: 0.166 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	102.2	73.8	110.6

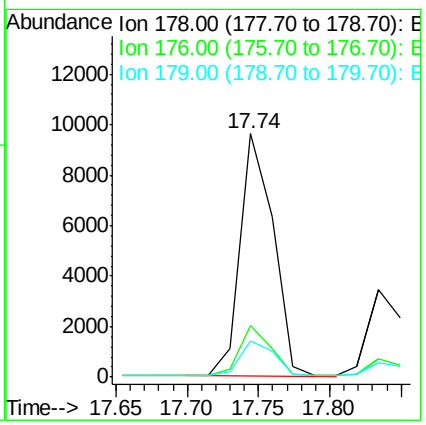


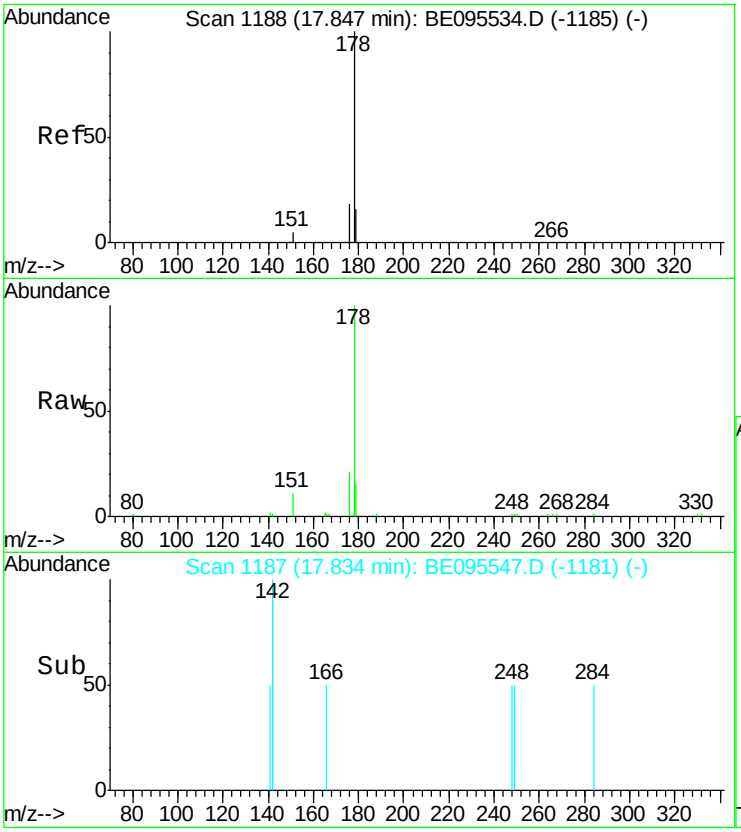


#23
Phenanthrene
Concen: 0.813 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:178 Resp: 15708

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.4	11.8	17.6



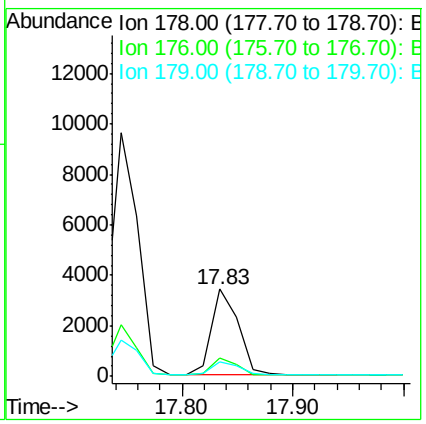


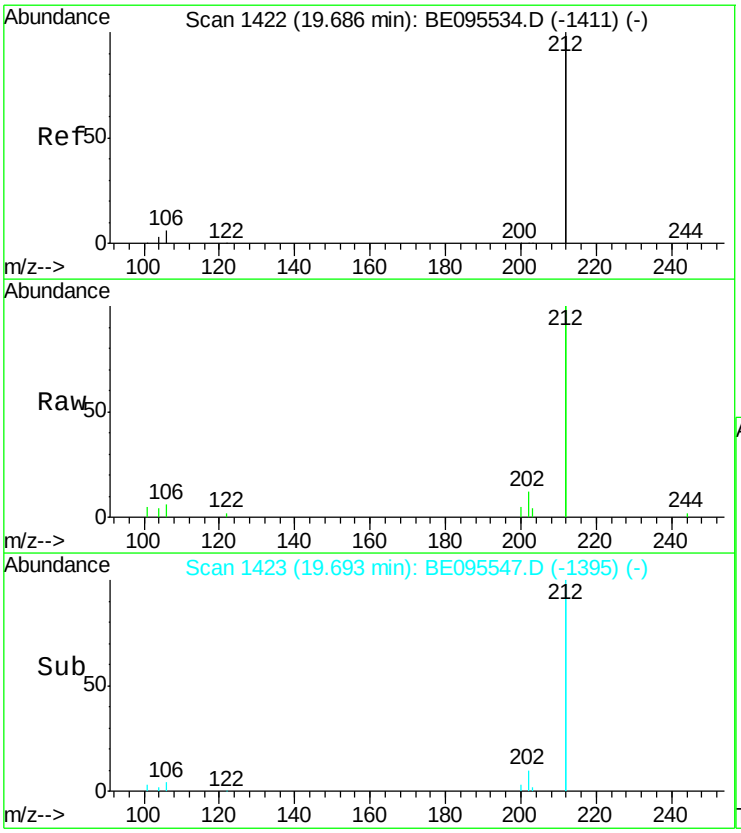
#24
Anthracene
Concen: 0.313 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5653

Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2#
179	15.5	13.0	19.6

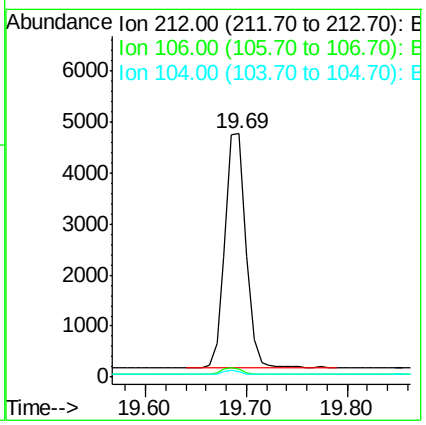


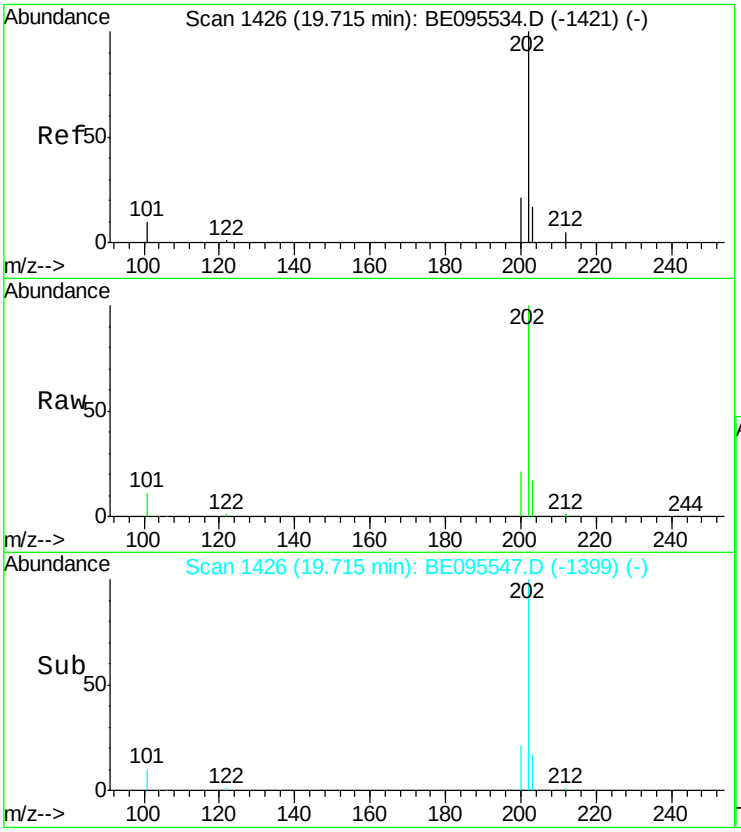


#25
Fluoranthene-d10
Concen: 0.080 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:212 Resp: 6638

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4



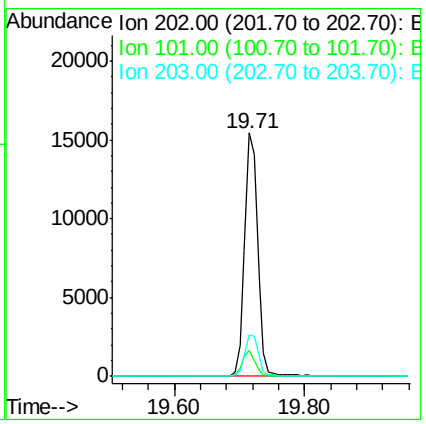


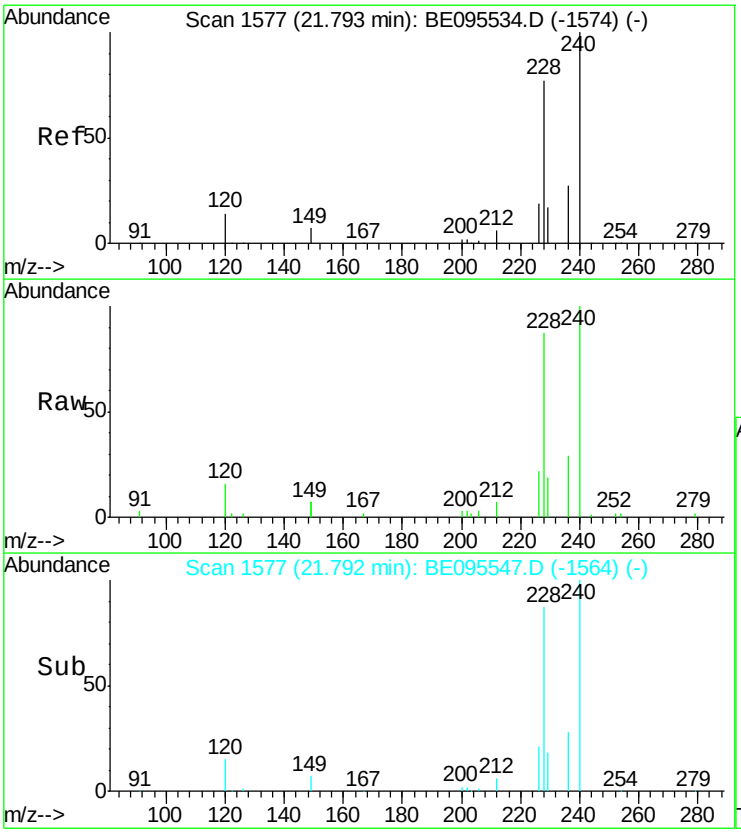
#26
Fluoranthene
Concen: 0.871 ng
RT: 19.71 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 21230

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.2	13.7	20.5

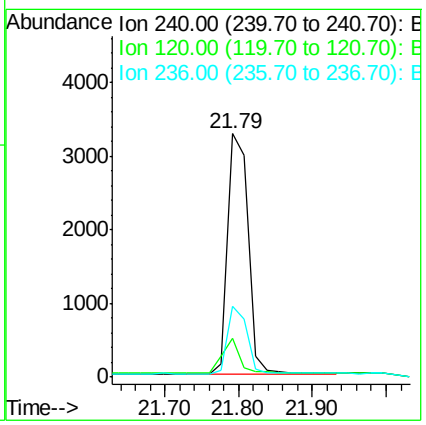


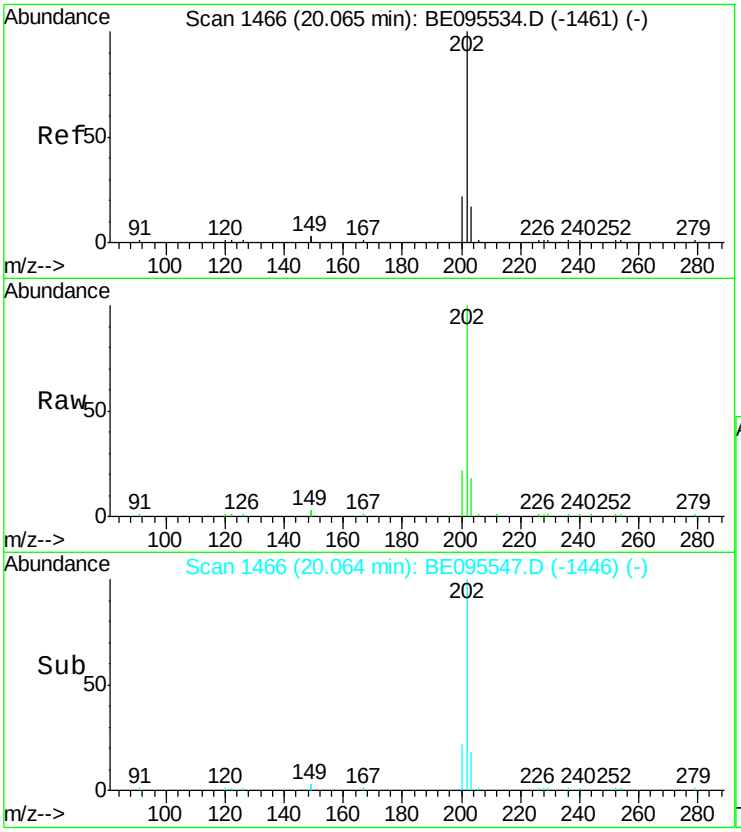


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:240 Resp: 6306

Ion	Ratio	Lower	Upper
240	100		
120	16.2	5.5	8.3#
236	29.3	20.7	31.1



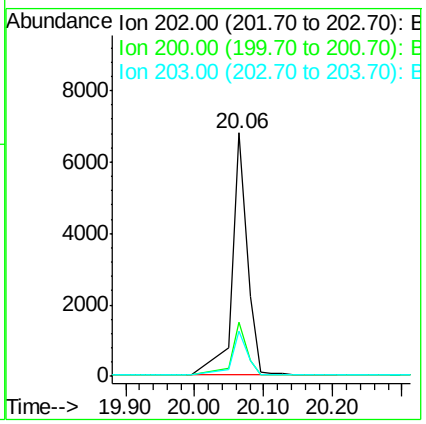


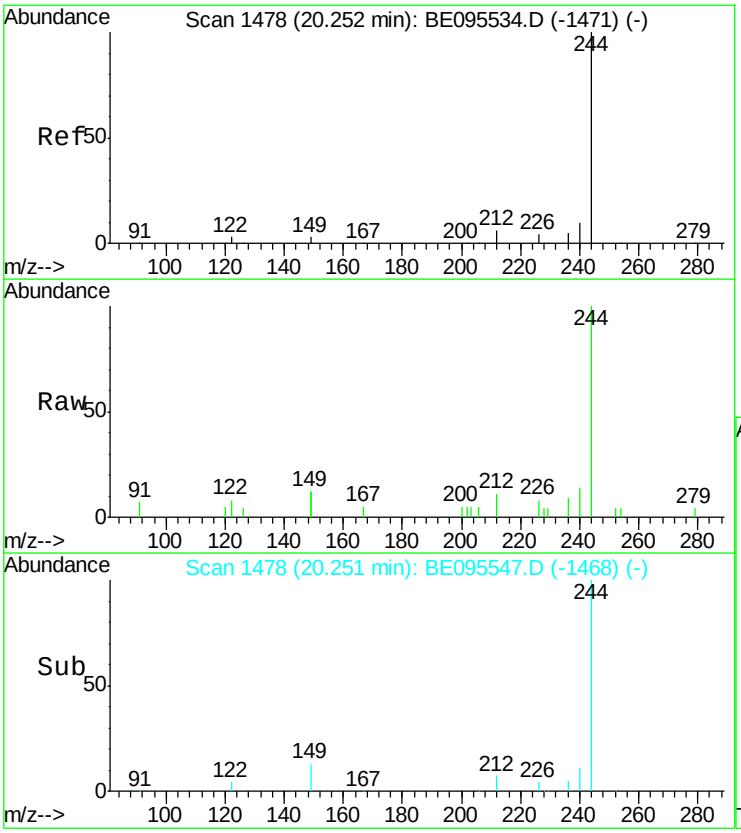
#28
Pyrene
Concen: 0.403 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 10667

Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.6	25.0
203	16.4	13.8	20.8

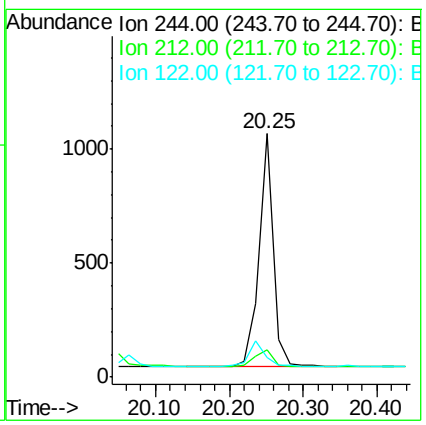


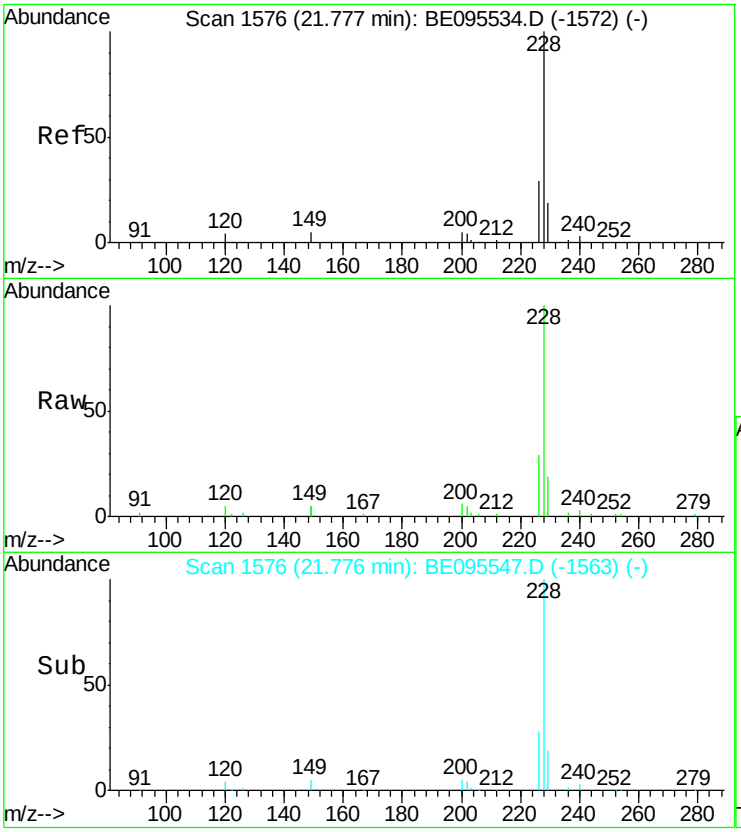


#29
Terphenyl-d14
Concen: 0.104 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:244 Resp: 1398

Ion	Ratio	Lower	Upper
244	100		
212	11.3	25.4	38.0#
122	8.1	8.1	12.1#



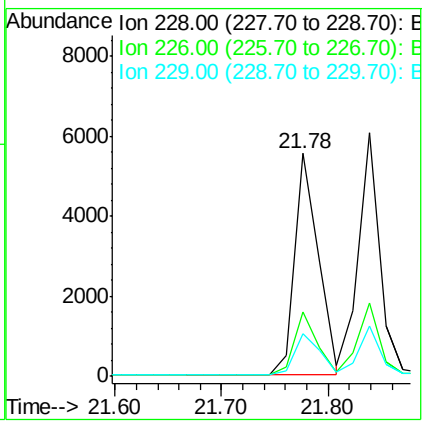


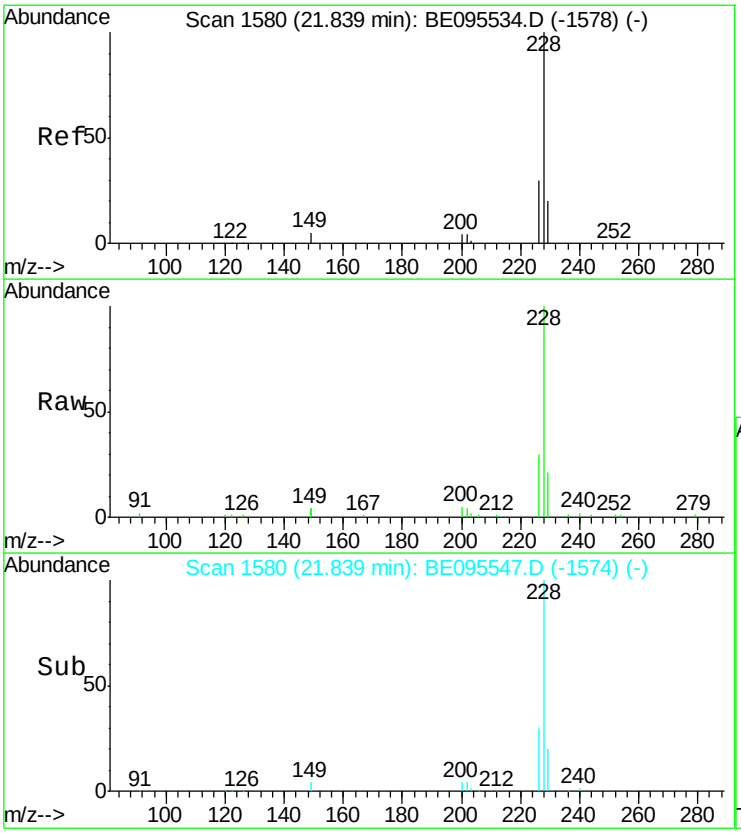
#30
Benzo(a)anthracene
Concen: 0.403 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8469

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	19.2	16.0	24.0

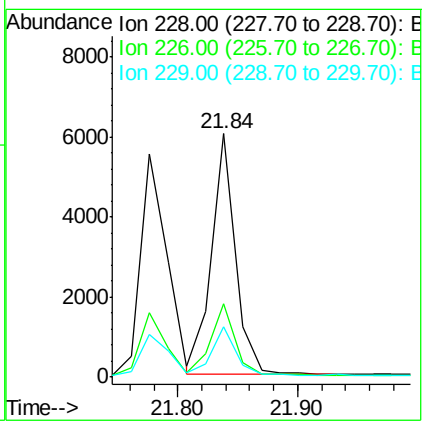


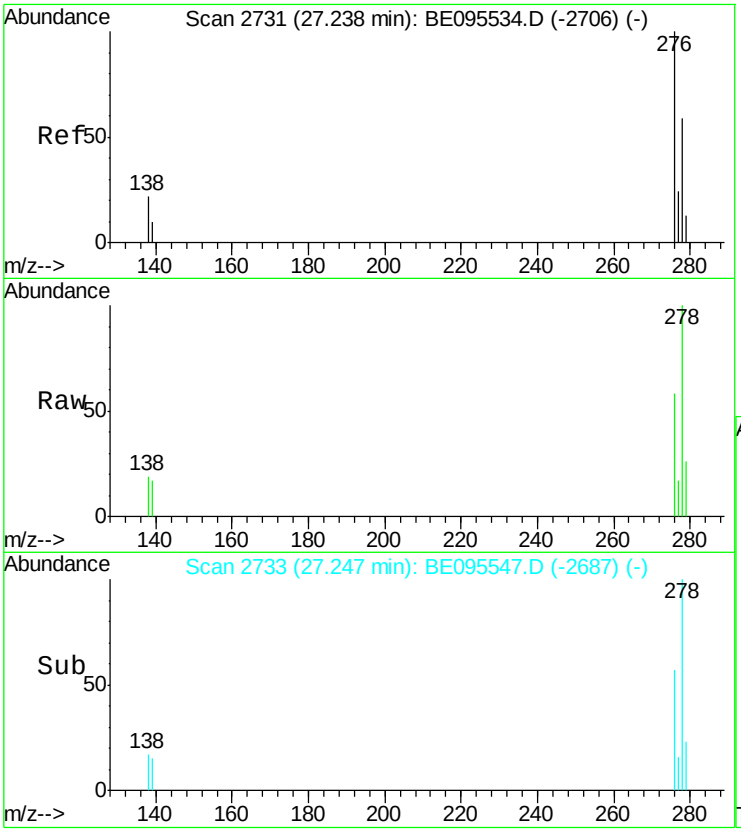


#31
Chrysene
Concen: 0.402 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:228 Resp: 8326

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.7	16.0	24.0



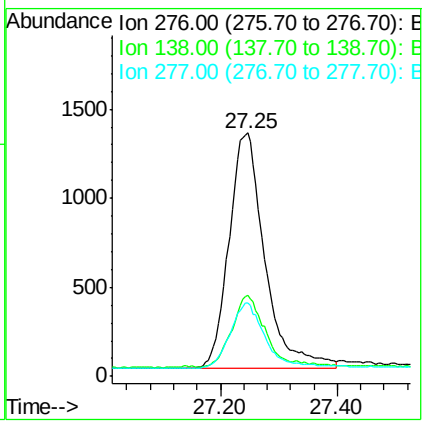


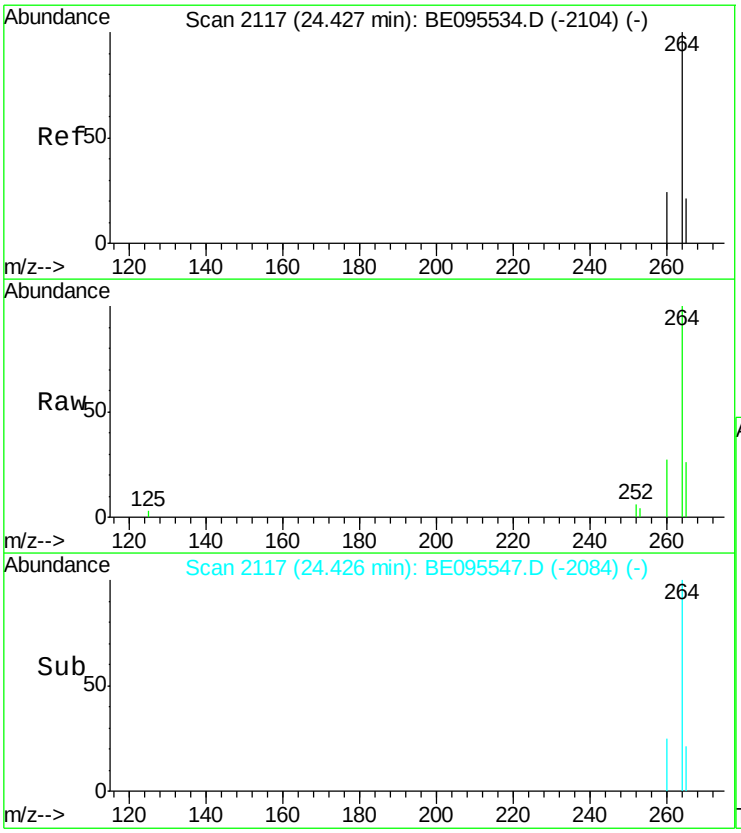
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng
RT: 27.25 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5594

Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.5	33.7
277	25.9	19.9	29.9

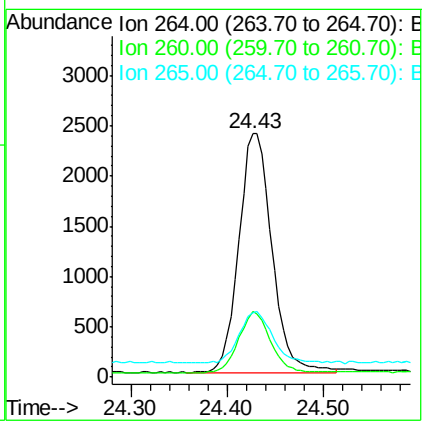


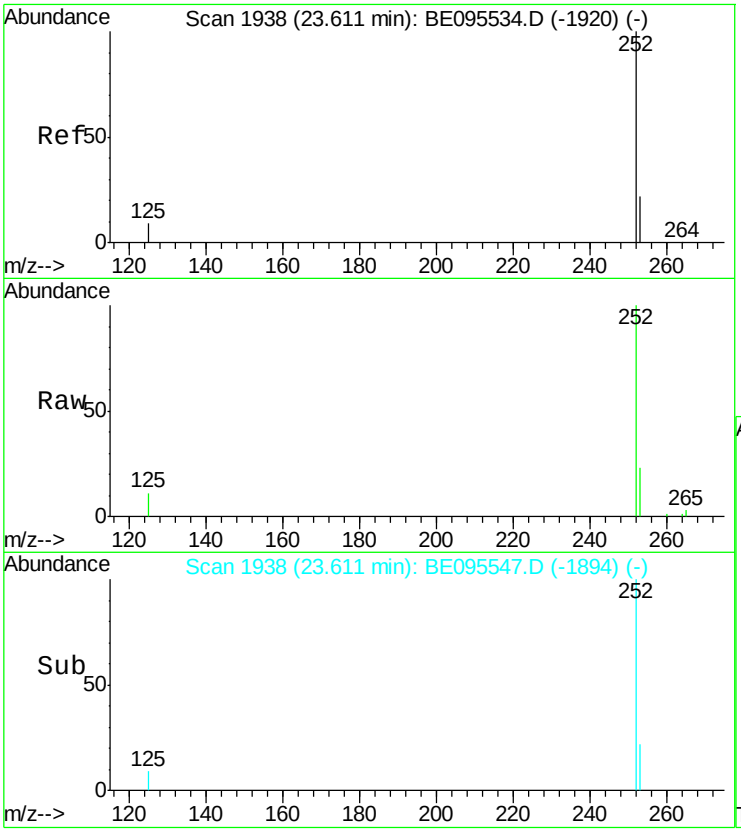


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:264 Resp: 5661

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.5	30.7
265	26.3	22.8	34.2



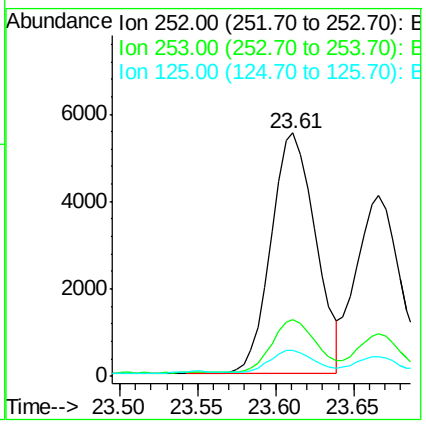


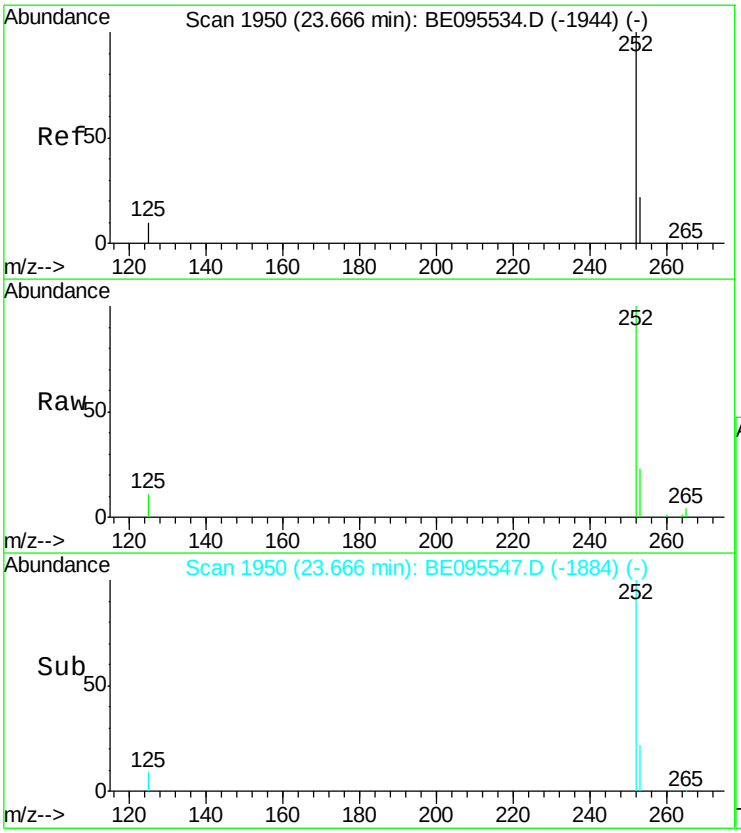
#35
Benzo(b)fluoranthene
Concen: 0.566 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10934

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.0	30.0
125	10.6	16.0	24.0#

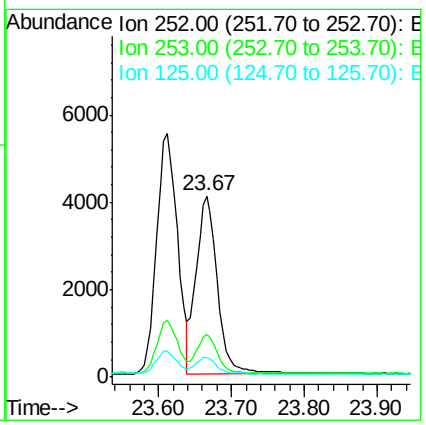


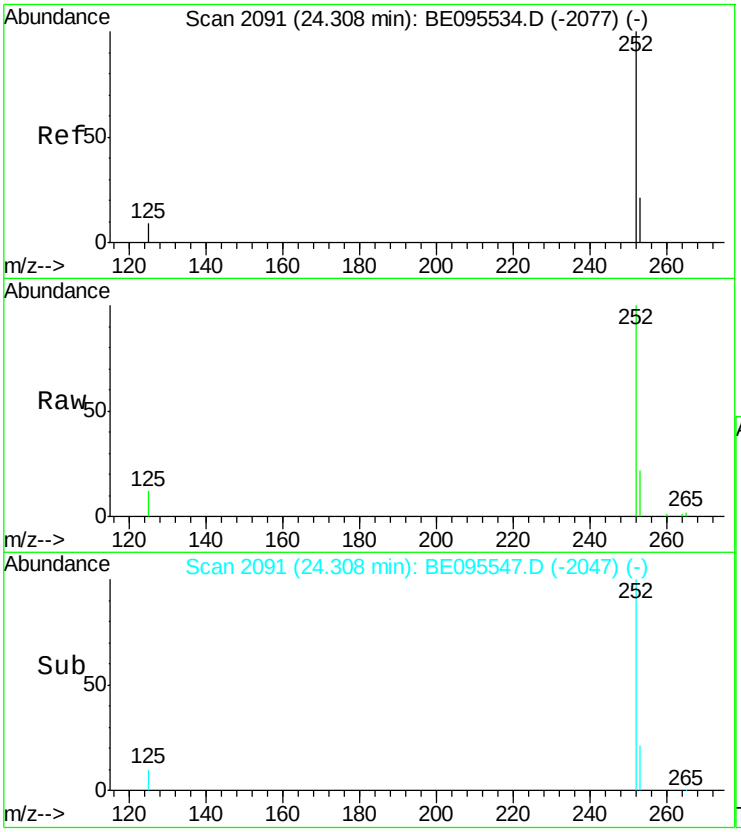


#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:252 Resp: 8315

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.0	24.0
125	10.7	8.0	12.0



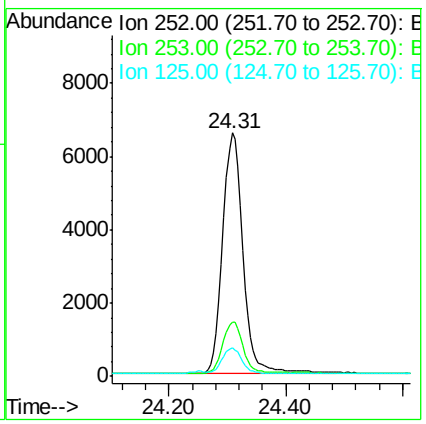


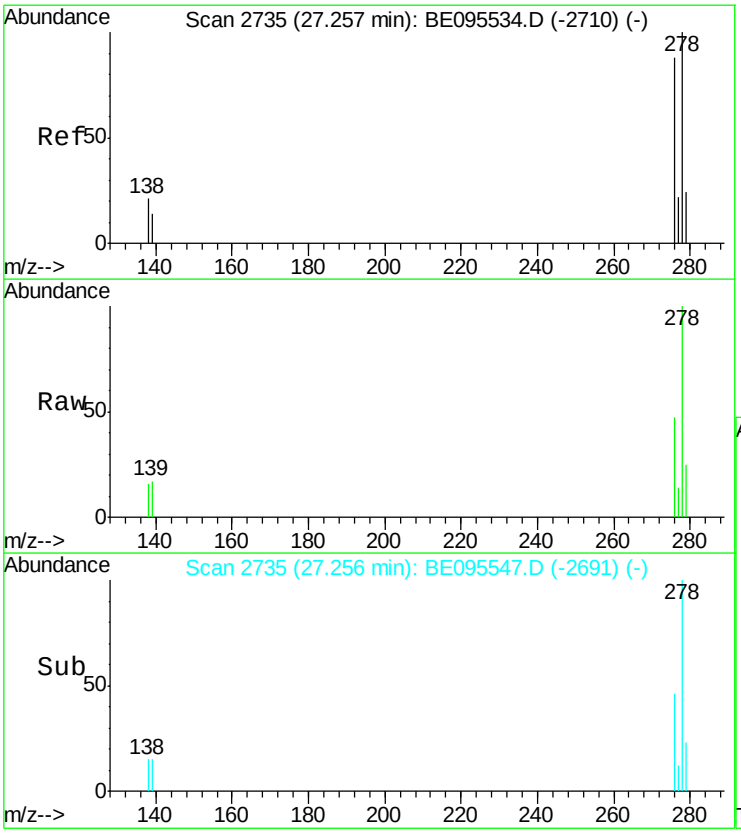
#37
Benzo(a)pyrene
Concen: 0.889 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15962

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.0	24.0
125	11.5	12.0	18.0#

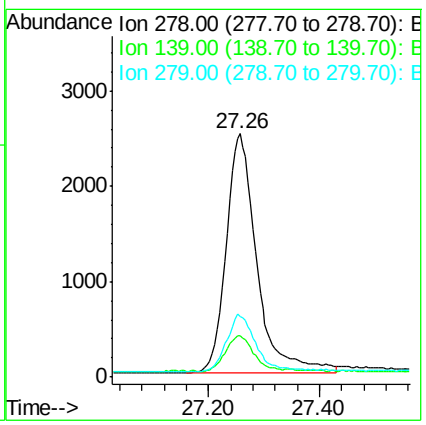


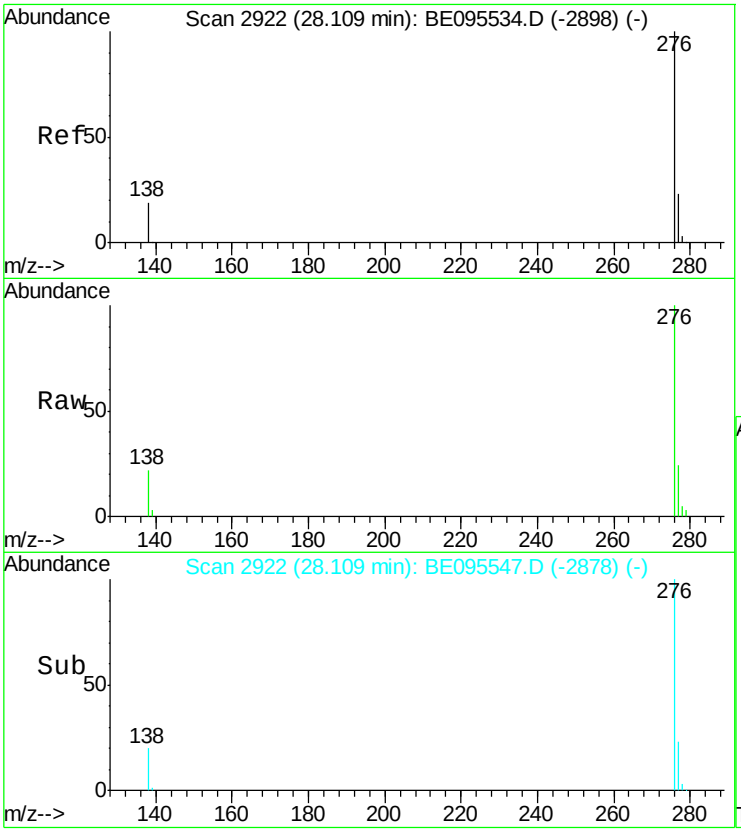


#38
Dibenzo(a,h)anthracene
Concen: 0.608 ng
RT: 27.26 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Tgt Ion:278 Resp: 9561

Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.0	24.0
279	25.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.603 ng
RT: 28.11 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE095547.D
Acq: 7 Feb 2018 10:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10183

Ion	Ratio	Lower	Upper
276	100		
277	24.2	16.0	24.0#
138	21.8	20.0	30.0