Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080217\
Data File : BE093622.D
Acq On : 2 Aug 2017 10:34
Operator : SJ/JU
Sample : I4351-30DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 0548DL

Quant Time: Aug 02 11:26:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2697	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	12643	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	7468	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	17790	0.40	ng		0.00
27) Chrysene-d12	21.40	240	23490	0.40	ng		-0.01
34) Perylene-d12	23.91	264	19716	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	668	0.08	ng		0.00
5) Phenol-d6	7.10	99	849	0.07	ng		0.00
8) Nitrobenzene-d5	9.08	82	659	0.07	ng		0.02
11) 2-Methylnaphthalene-d10	12.30	152	1245	0.06	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	78	0.14	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	1949	0.07	ng		0.00
25) Fluoranthene-d10	19.27	212	13772	0.07	ng		0.00
29) Terphenyl-d14	19.86	244	2687	0.06	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.76	128	56057	0.383	ng		99
16) Acenaphthylene	14.24	152	56467	1.582	ng	#	87
17) Acenaphthene	14.59	154	29992	1.191	ng		99
18) Fluorene	15.56	166	31728	0.943	ng	#	88
21) Hexachlorobenzene	16.58	284	4	Below Cal		#	100
22) Pentachlorophenol	16.94	266	14	0.154	ng	#	63
23) Phenanthrene	17.27	178	14062	0.359	ng	#	60
24) Anthracene	17.37	178	17773	0.332	ng	#	75
26) Fluoranthene	19.30	202	27723	0.445	ng		99
28) Pyrene	19.67	202	26603	0.351	ng	#	98
30) Benzo(a)anthracene	21.39	228	25308	0.366	ng		94
31) Chrysene	21.45	228	16073	0.209	ng		95
33) Indeno(1,2,3-cd)pyrene	26.55	276	12325	0.177	ng		96
35) Benzo(b)fluoranthene	23.19	252	5683	0.081	ng		94
36) Benzo(k)fluoranthene	23.19	252	6048	0.084	ng		98
37) Benzo(a)pyrene	23.80	252	42376	0.665	ng	#	93
38) Dibenzo(a,h)anthracene	26.58	278	14357	0.233	ng	#	89
39) Benzo(g,h,i)perylene	27.36	276	22614	0.362	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080217\
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Operator : SJ/JU
Sample : I4351-30DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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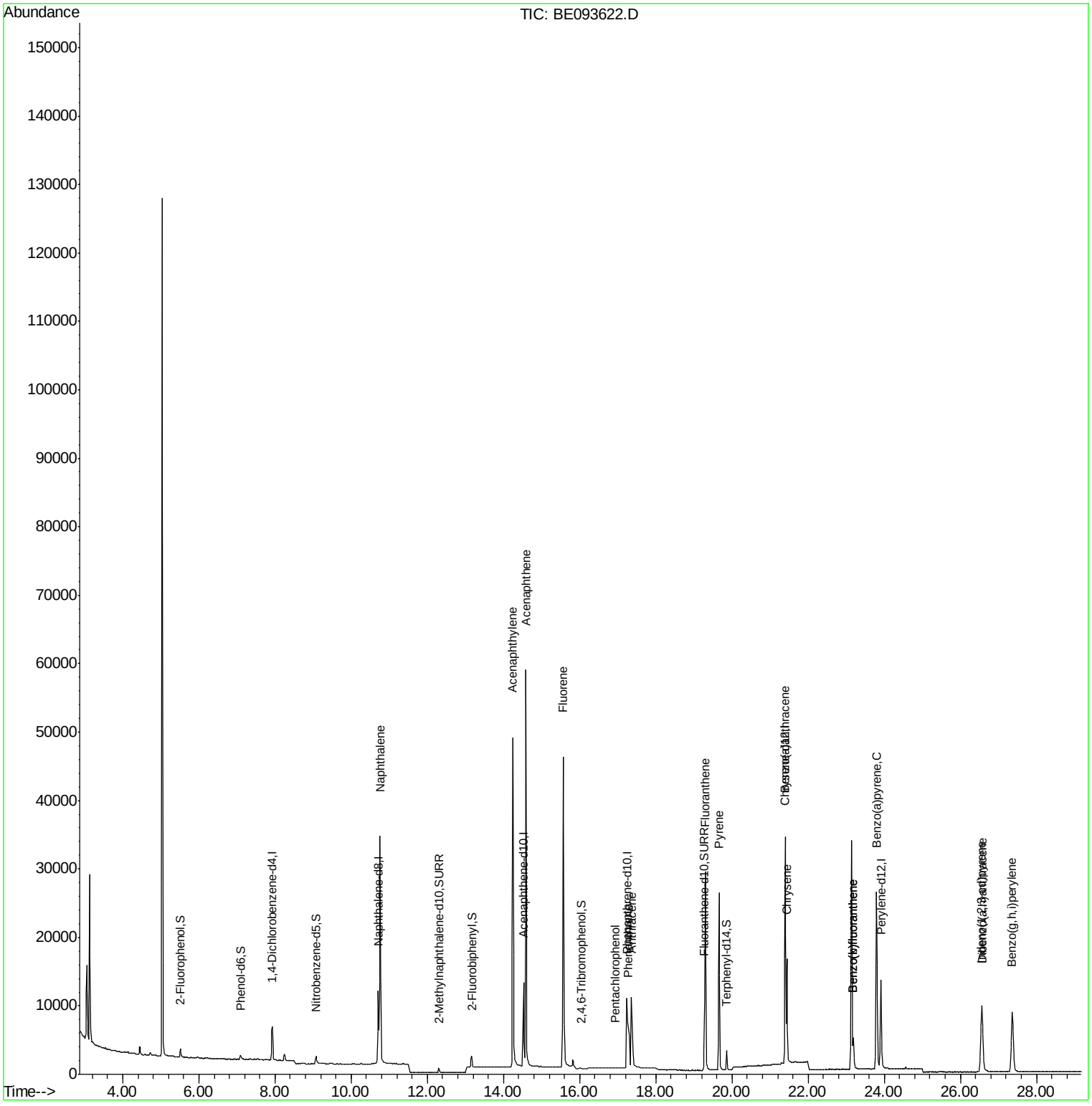
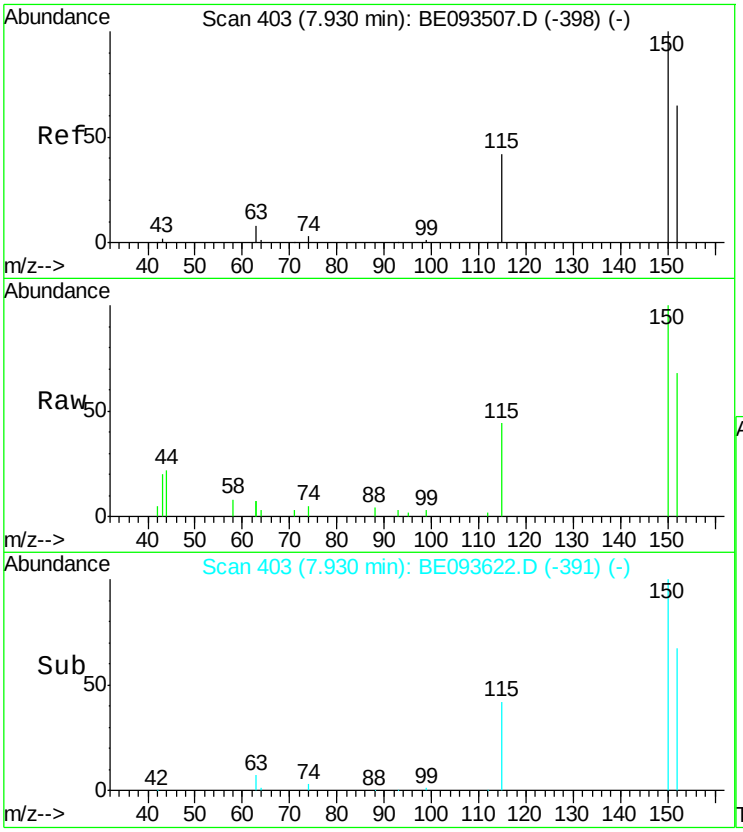
0548DL

Quant Time: Aug 02 11:26:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration



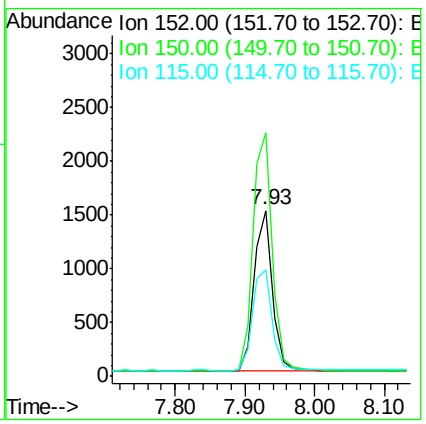


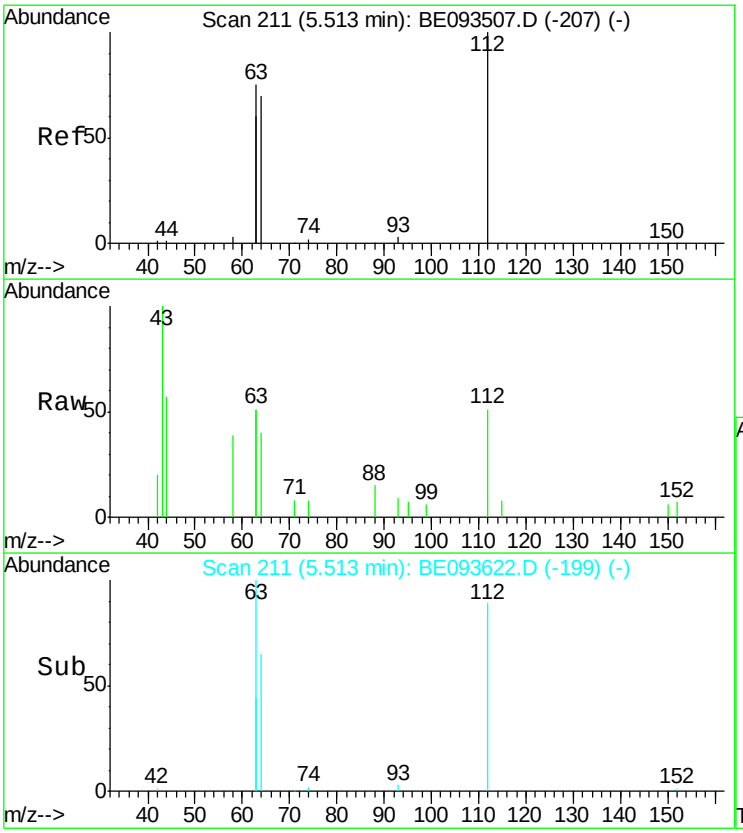
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:152 Resp: 2697

Ion	Ratio	Lower	Upper
152	100		
150	146.6	125.1	187.7
115	63.9	55.7	83.5

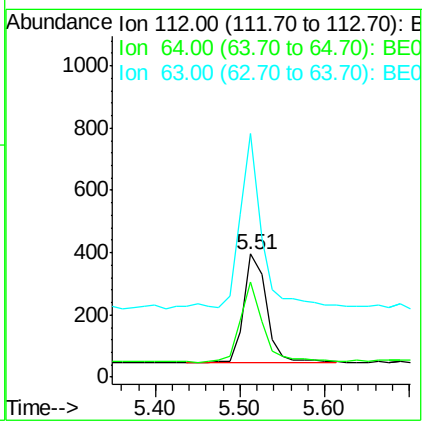


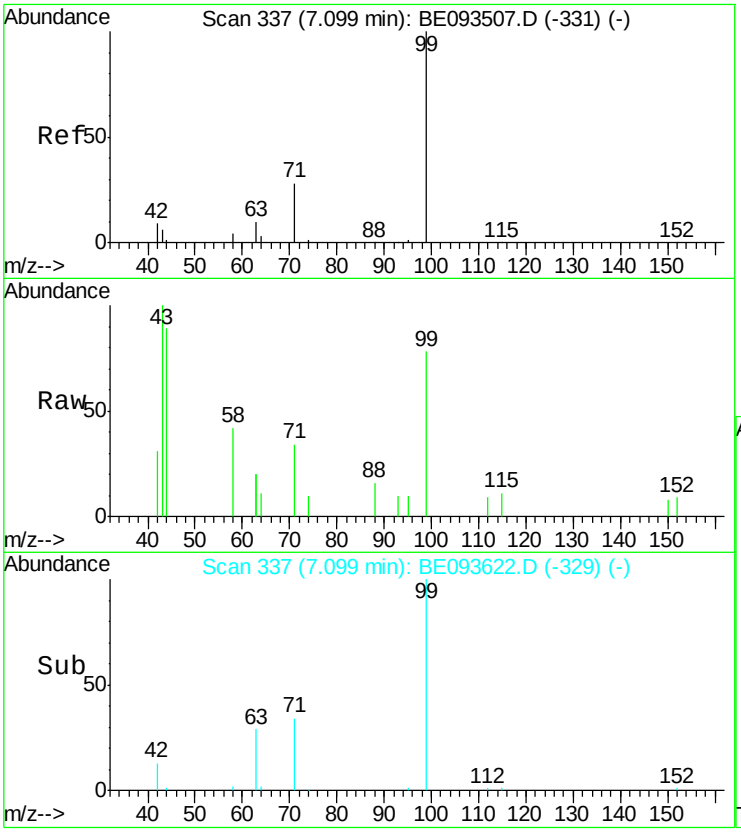


#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:112 Resp: 668

Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.4	84.6
63	147.5	29.3	43.9#



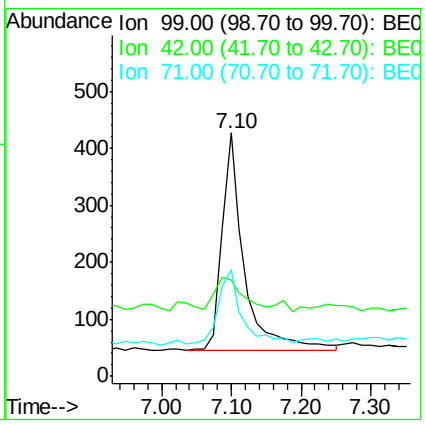


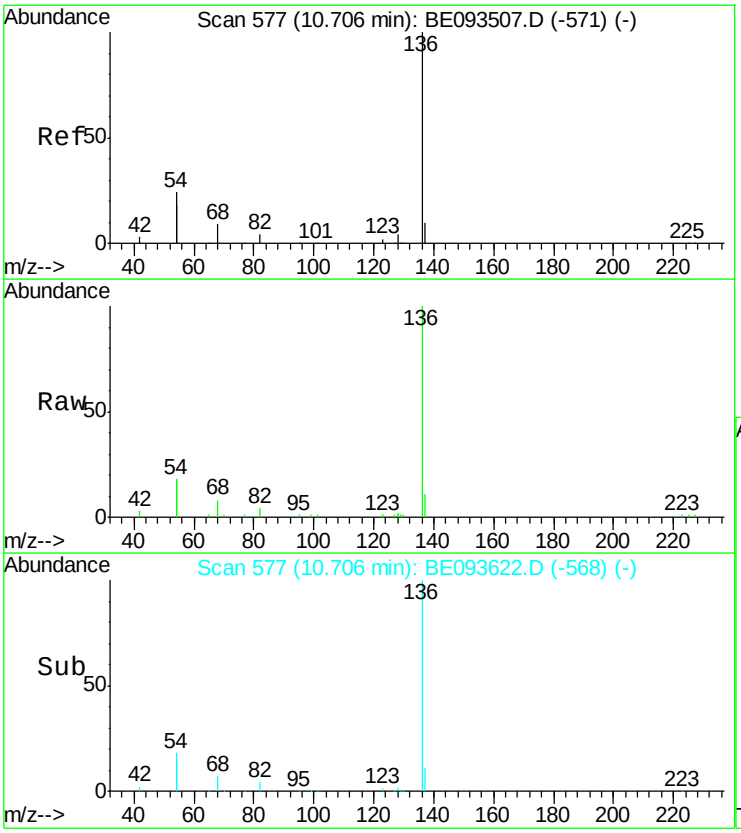
#5
Phenol-d6
Concen: 0.070 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion: 99 Resp: 849

Ion	Ratio	Lower	Upper
99	100		
42	17.2	0.0	0.0#
71	35.6	0.0	0.0#

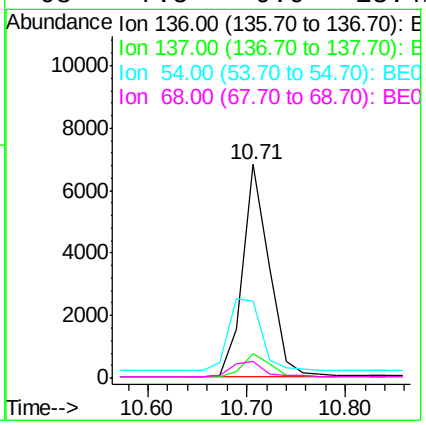


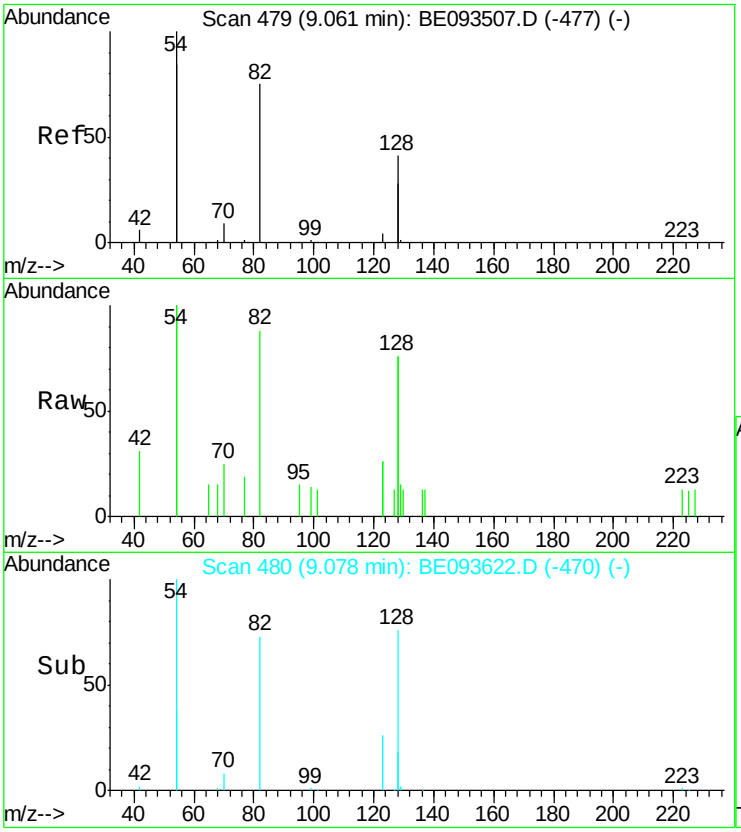


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:136 Resp: 12643

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	35.9	10.3	15.5#
68	7.5	9.0	13.4#



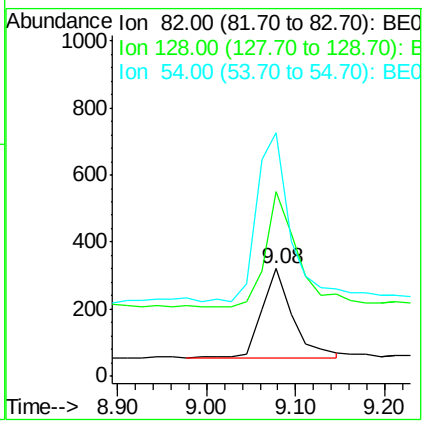


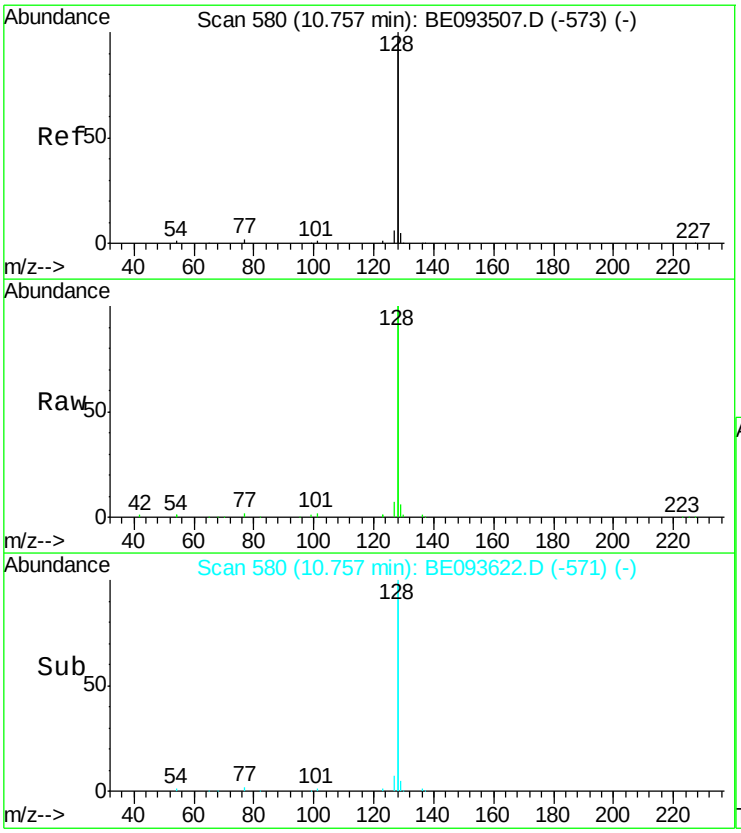
#8
Nitrobenzene-d5
Concen: 0.068 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.02 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion: 82 Resp: 659

Ion	Ratio	Lower	Upper
82	100		
128	172.5	17.0	25.4#
54	226.9	53.8	80.6#

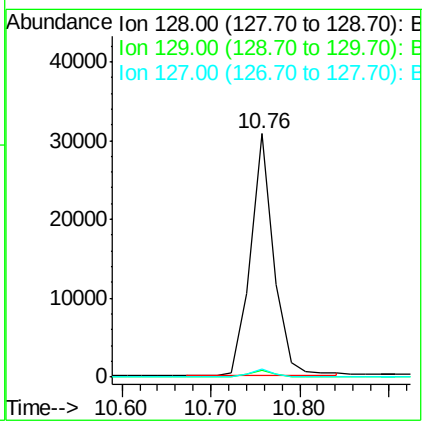


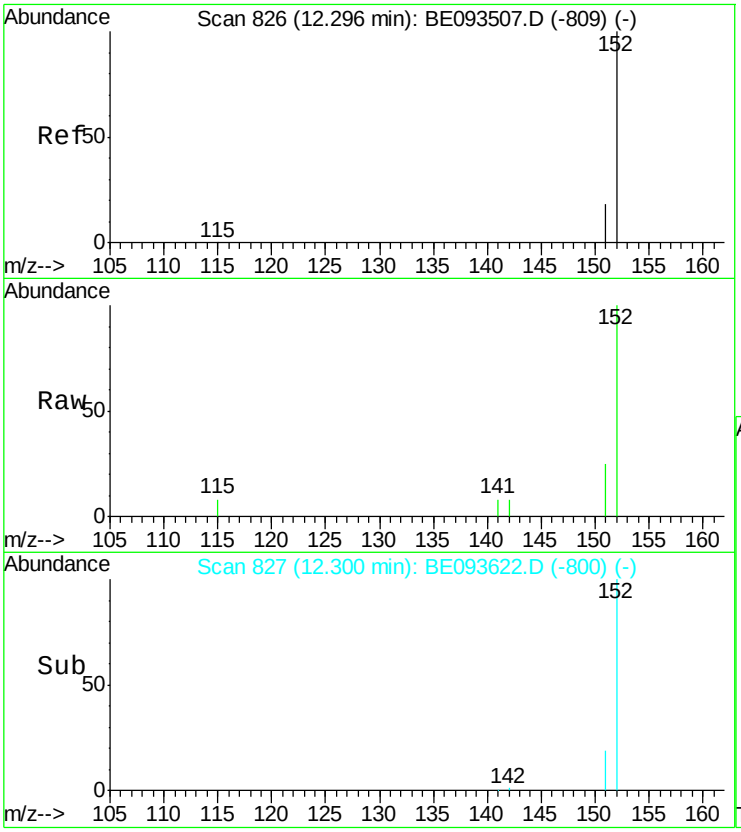


#9
Naphthalene
Concen: 0.383 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:128 Resp: 56057

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.4	2.4	3.6



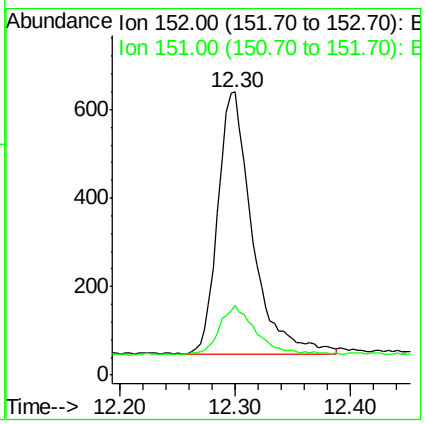


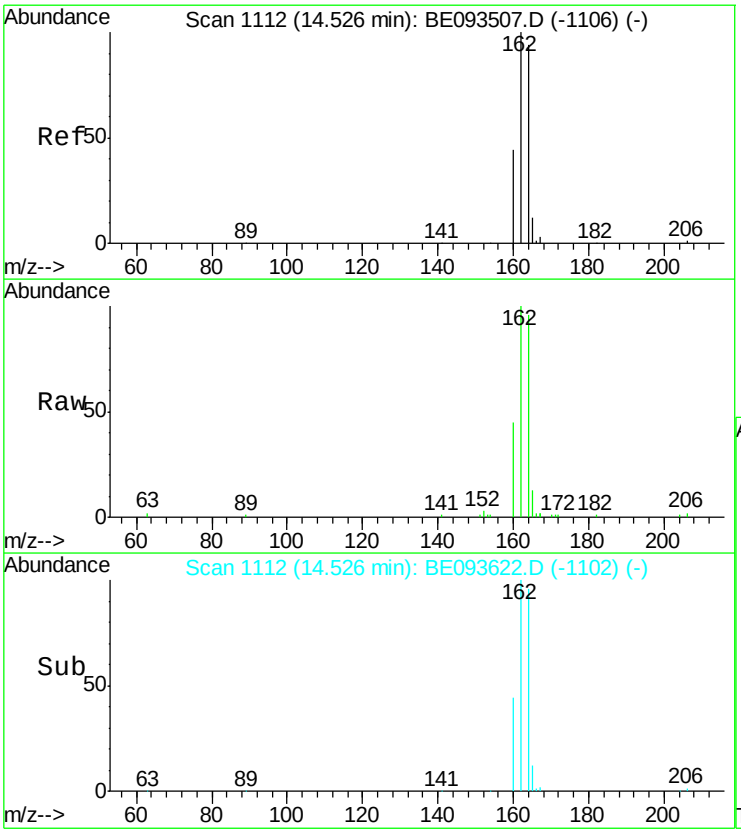
#11
2-Methylnaphthalene-d10
Concen: 0.062 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:152 Resp: 1245

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.1	22.7

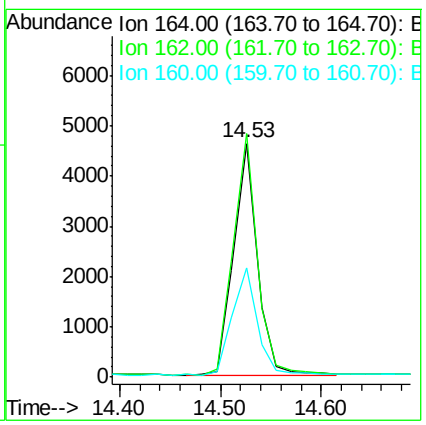


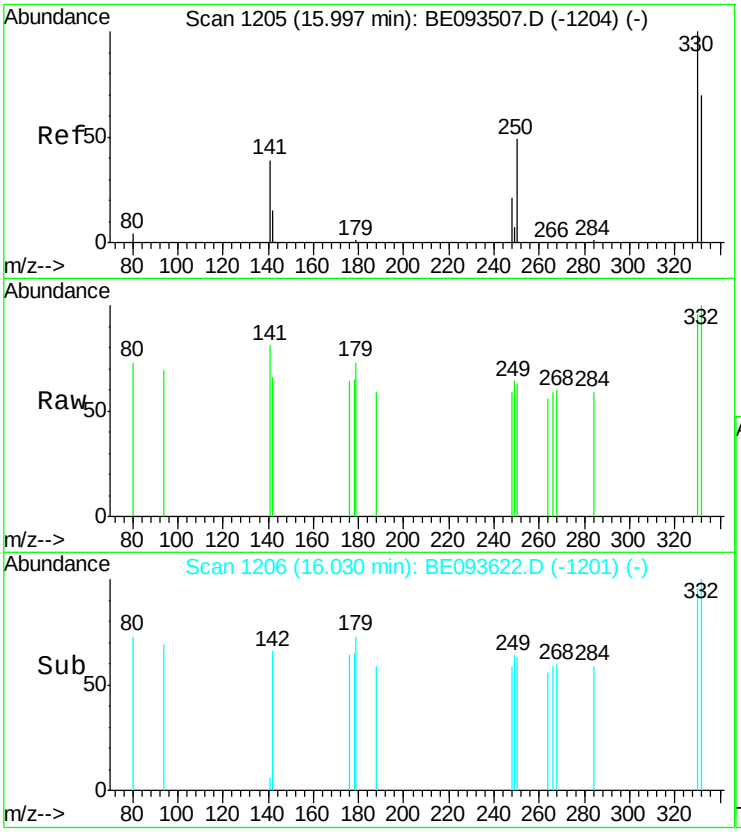


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:164 Resp: 7468

Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.6	127.0
160	46.9	41.8	62.6



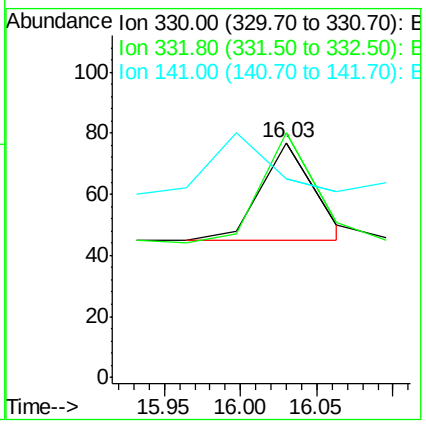


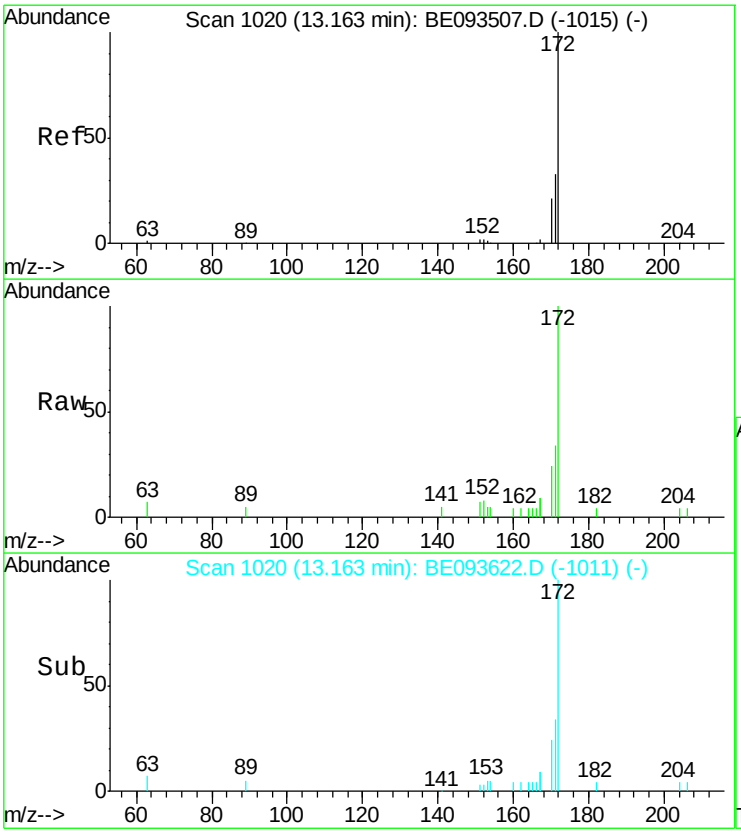
#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:330 Resp: 78

Ion	Ratio	Lower	Upper
330	100		
332	115.4	77.7	116.5
141	0.0	56.2	84.4#

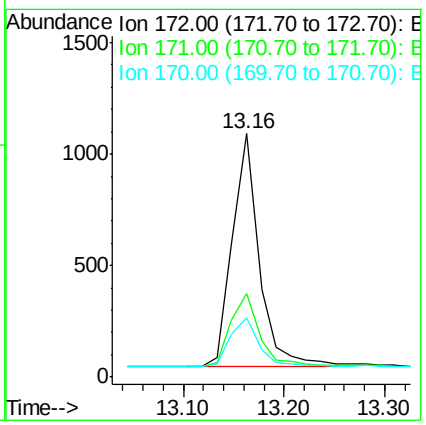


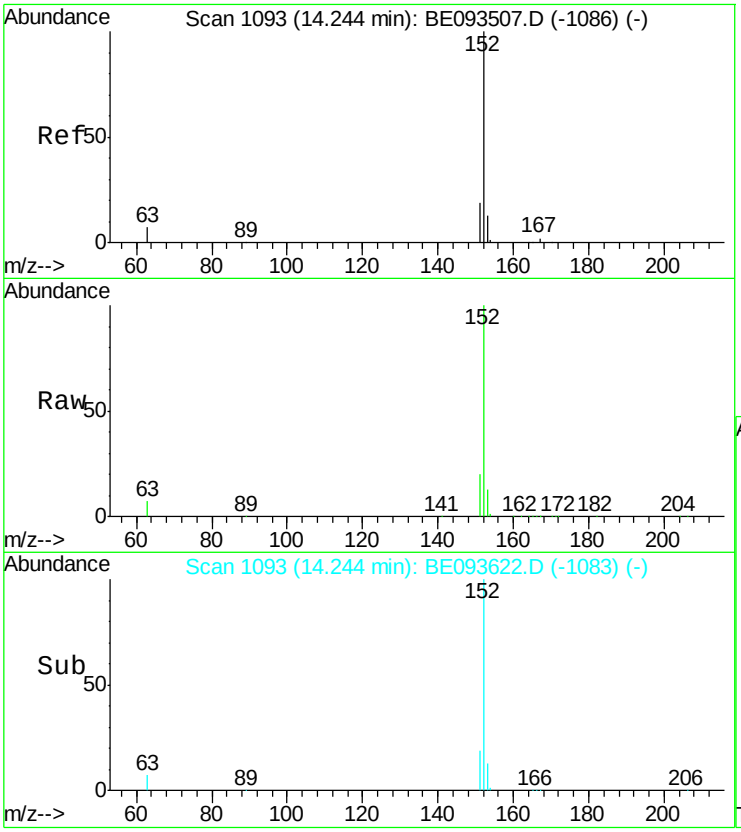


#15
2-Fluorobiphenyl
Concen: 0.065 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:172 Resp: 1949

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.8	44.6
170	24.1	20.7	31.1



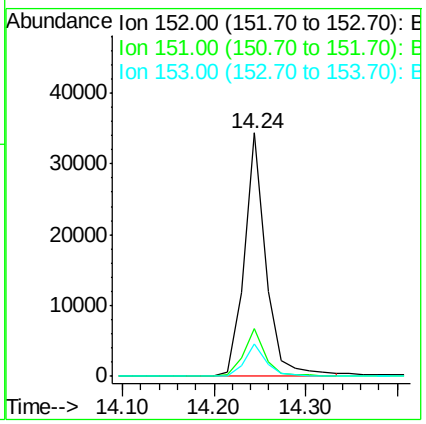


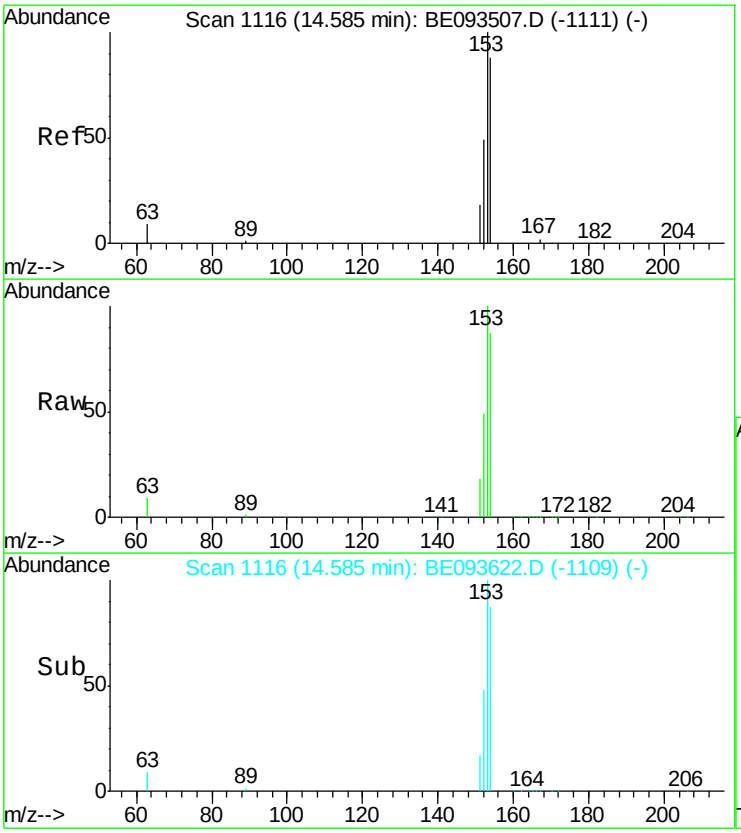
#16
Acenaphthylene
Concen: 1.582 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:152 Resp: 56467

Ion	Ratio	Lower	Upper
152	100		
151	19.5	4.0	6.0#
153	13.1	10.3	15.5

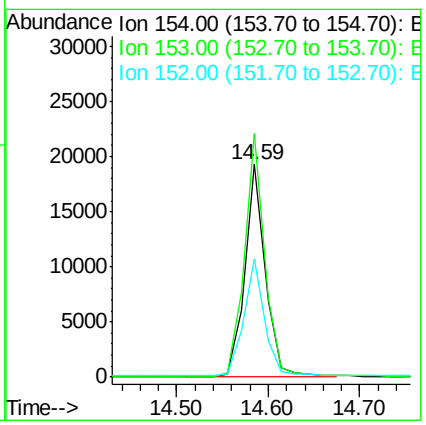


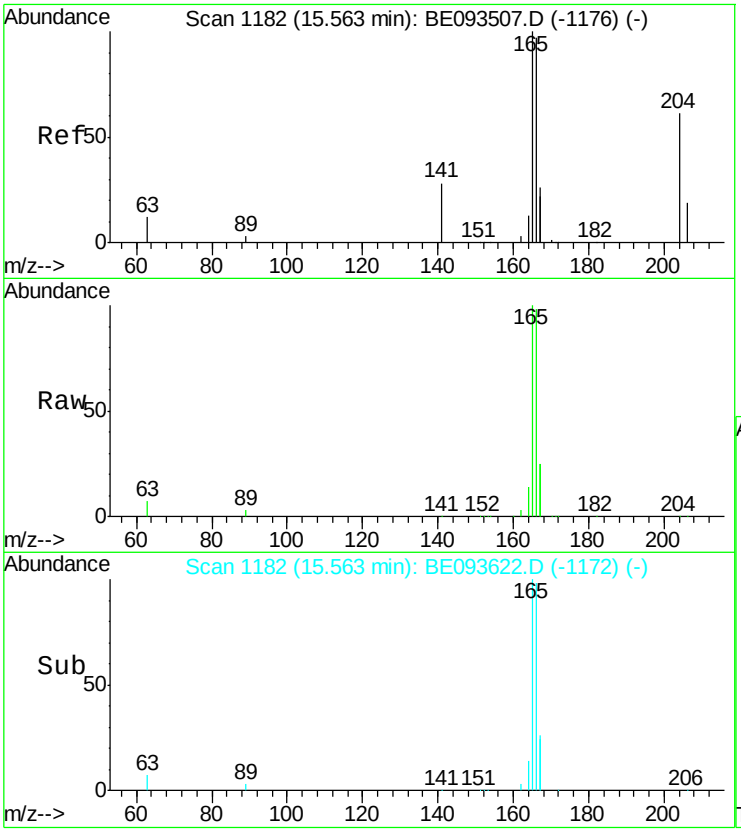


#17
Acenaphthene
Concen: 1.191 ng
RT: 14.59 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:154 Resp: 29992

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	55.5	44.8	67.2



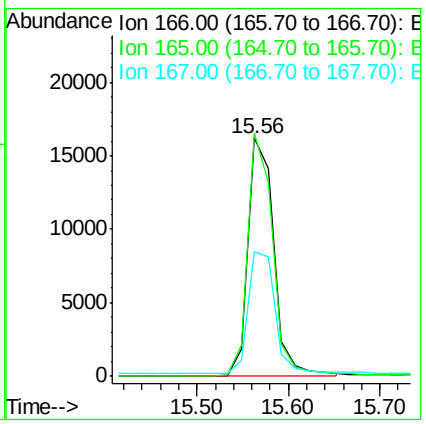


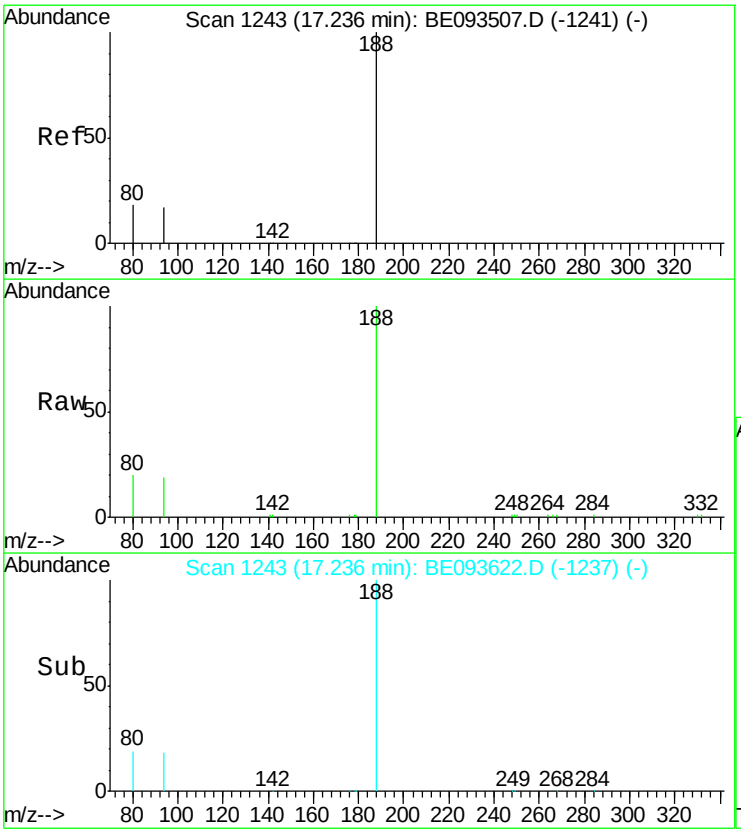
#18
Fluorene
Concen: 0.943 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:166 Resp: 31728

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	53.6	11.1	16.7#

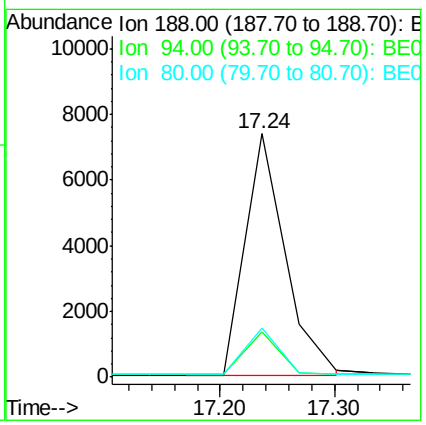


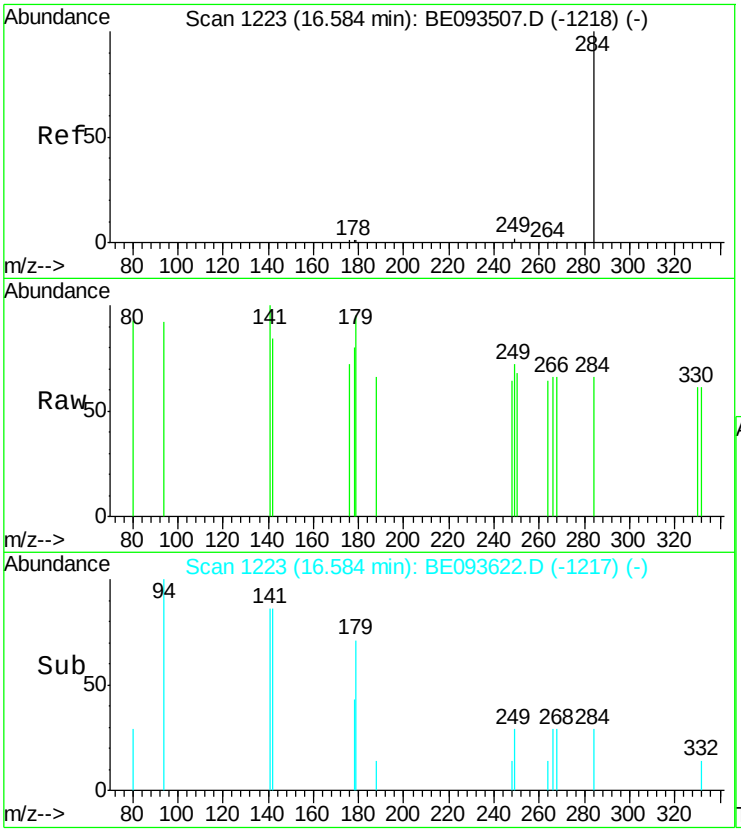


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:188 Resp: 17790

Ion	Ratio	Lower	Upper
188	100		
94	18.7	11.3	16.9#
80	20.3	11.7	17.5#



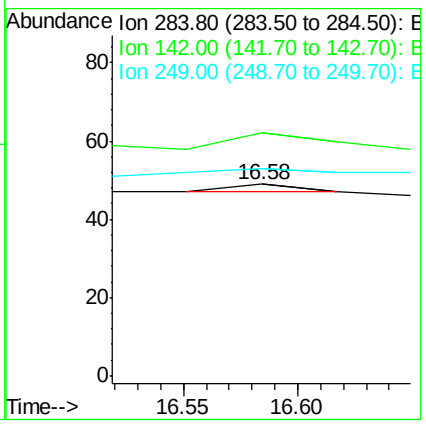


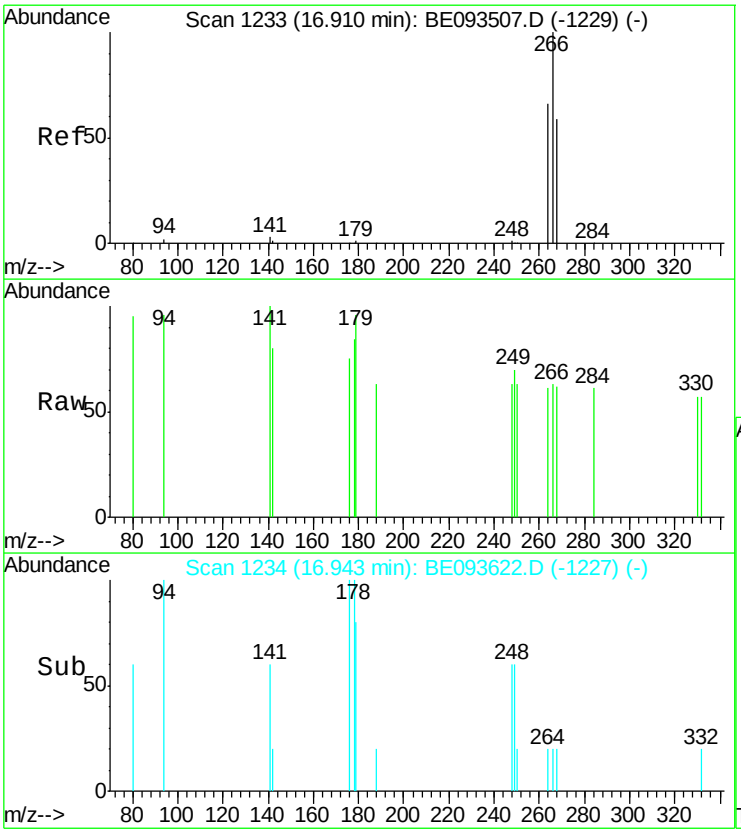
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:284 Resp: 4

Ion	Ratio	Lower	Upper
284	100		
142	400.0	0.0	0.0#
249	0.0	0.0	0.0

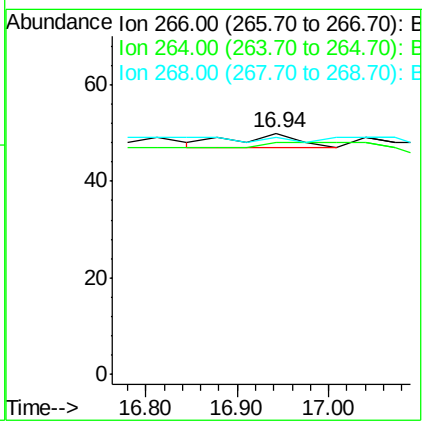


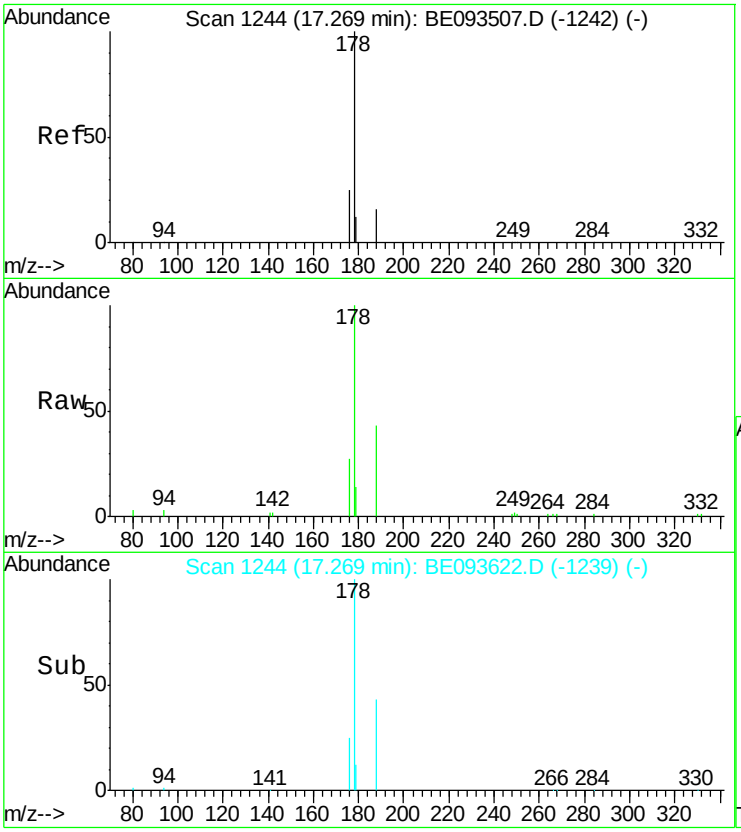


#22
Pentachlorophenol
Concen: 0.154 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	96.0	56.0	84.0#
268	98.0	52.0	78.0#



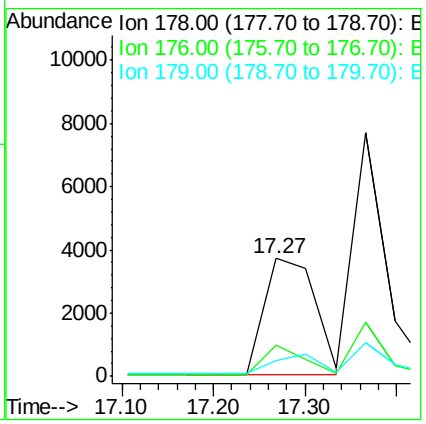


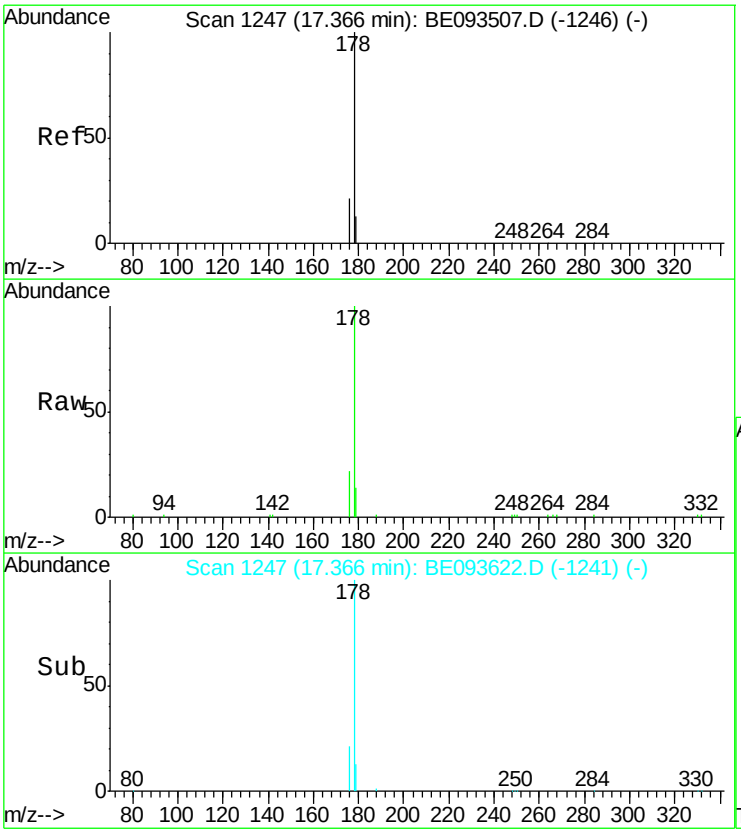
#23
Phenanthrene
Concen: 0.359 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:178 Resp: 14062

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.7	19.1#

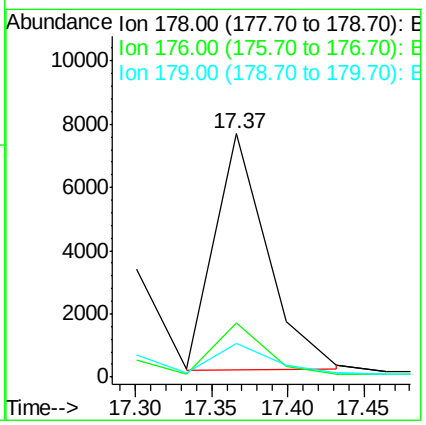


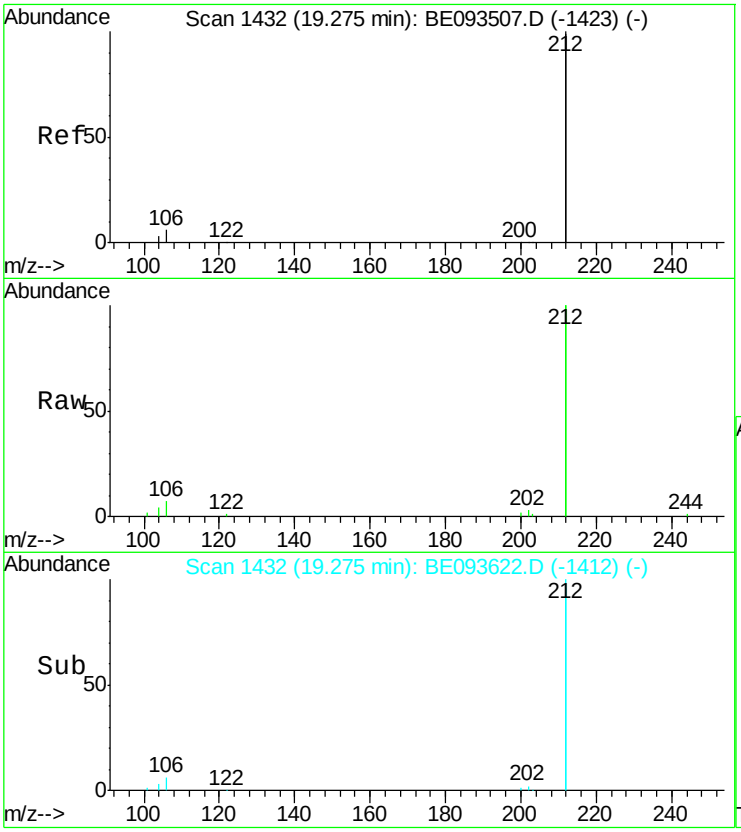


#24
Anthracene
Concen: 0.332 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:178 Resp: 17773

Ion	Ratio	Lower	Upper
178	100		
176	37.6	14.6	22.0#
179	13.7	12.0	18.0



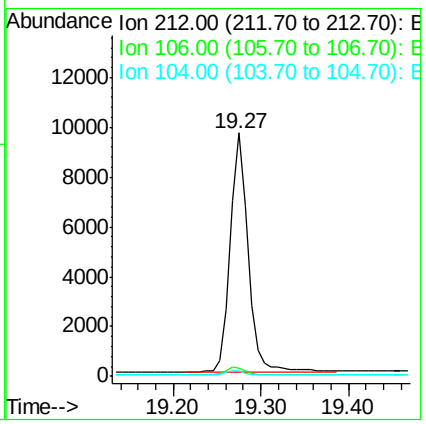


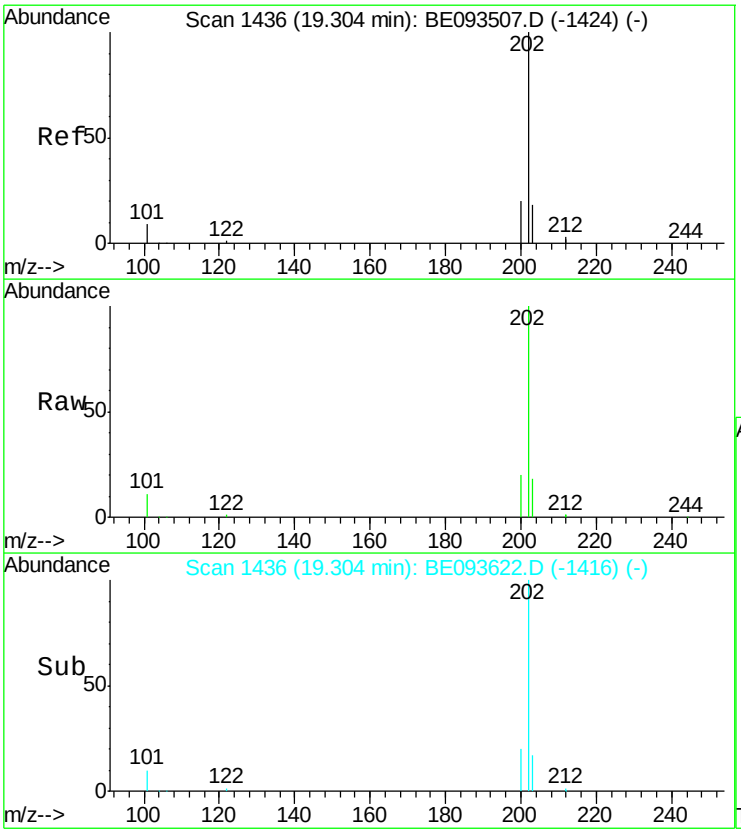
#25
Fluoranthene-d10
Concen: 0.068 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:212 Resp: 13772

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.1	1.6	2.4

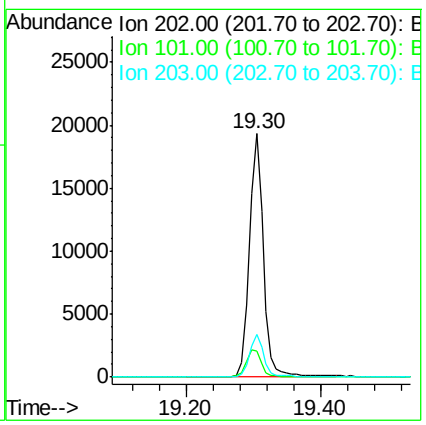


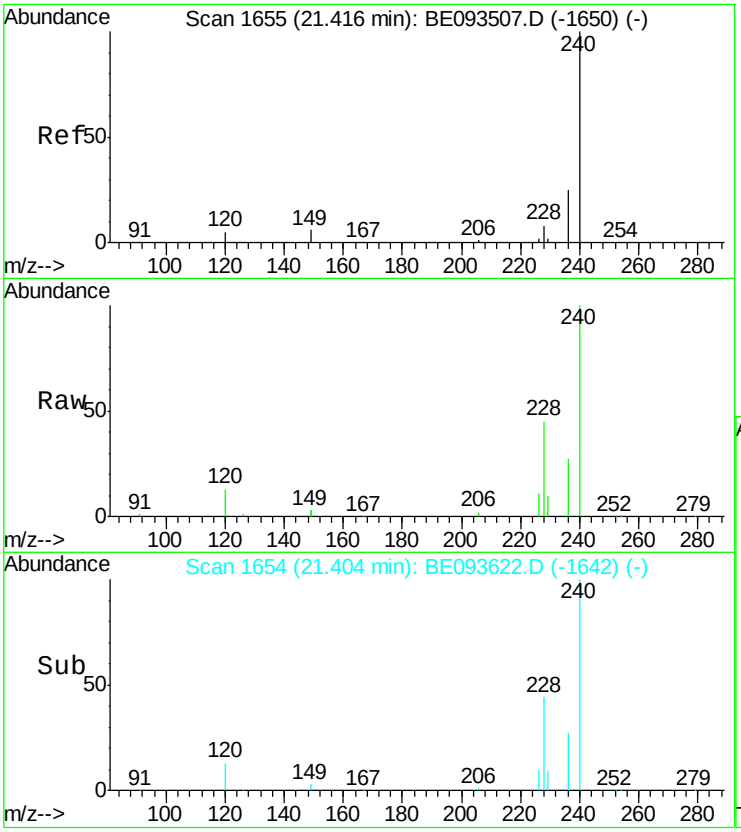


#26
Fluoranthene
Concen: 0.445 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:202 Resp: 27723

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	17.2	14.4	21.6



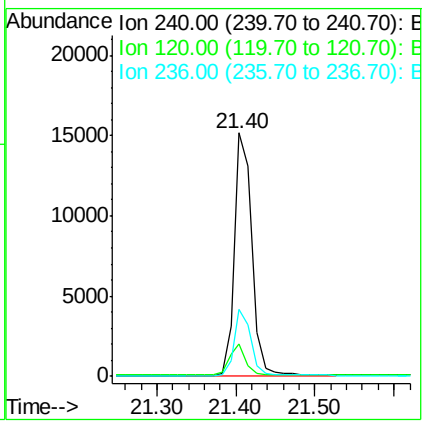


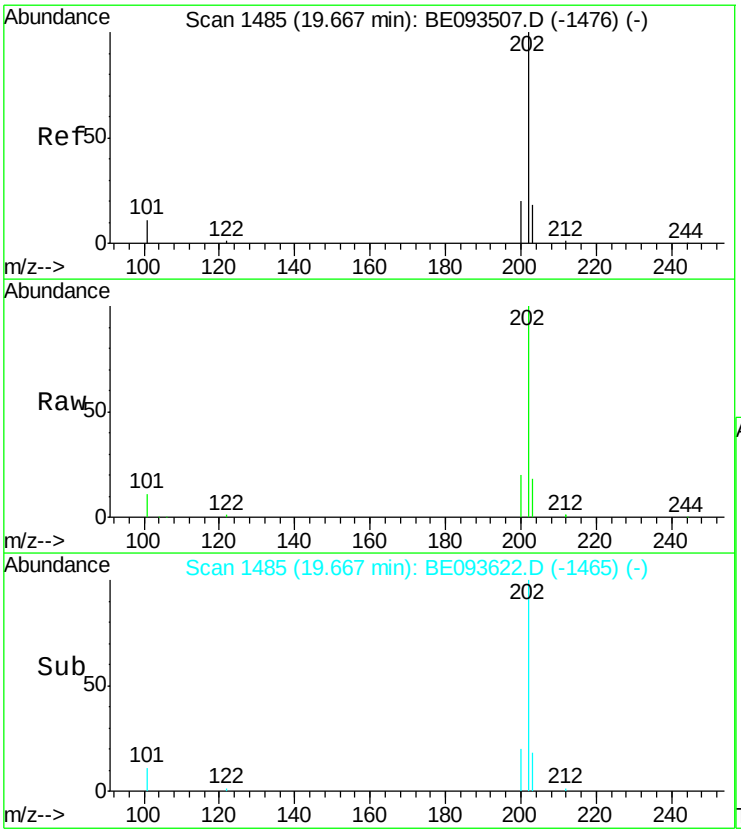
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:240 Resp: 23490

Ion	Ratio	Lower	Upper
240	100		
120	13.3	4.6	7.0#
236	27.3	20.8	31.2

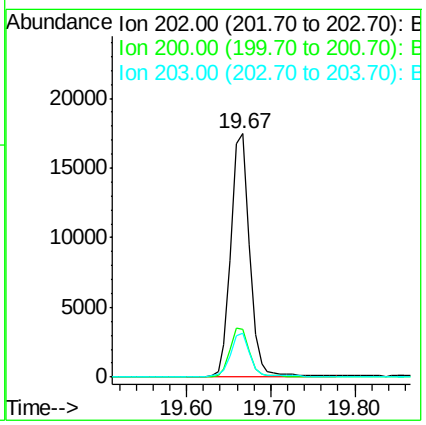


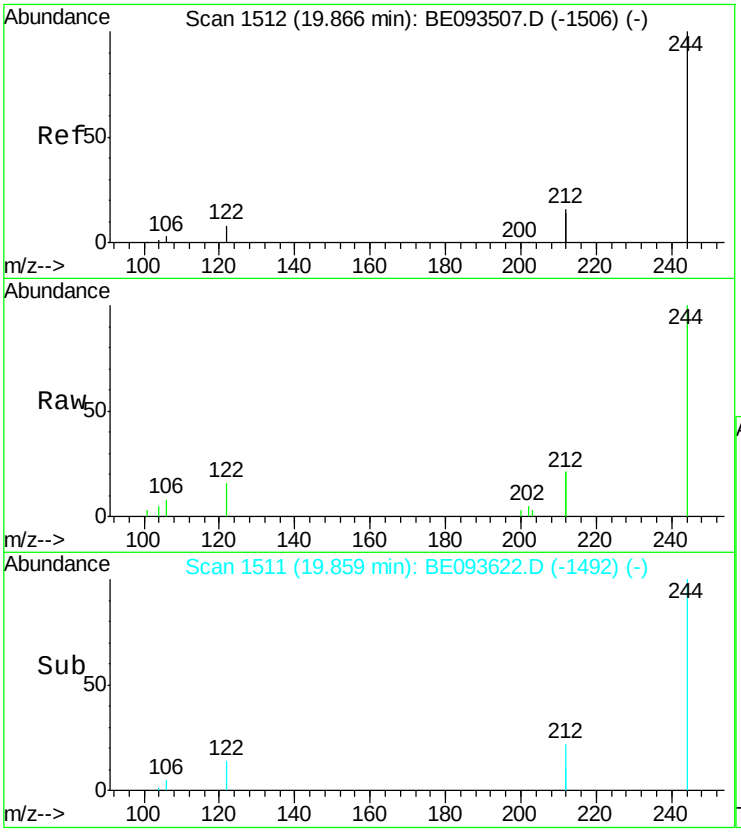


#28
Pyrene
Concen: 0.351 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:202 Resp: 26603

Ion	Ratio	Lower	Upper
202	100		
200	20.5	0.0	0.0#
203	18.0	13.7	20.5



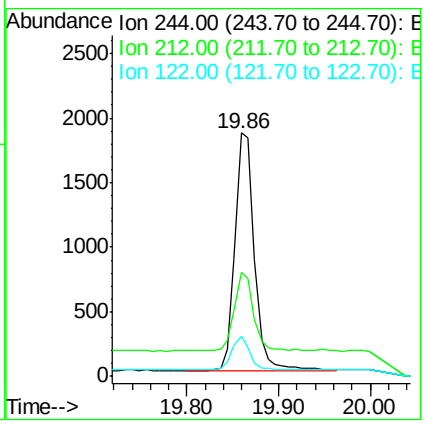


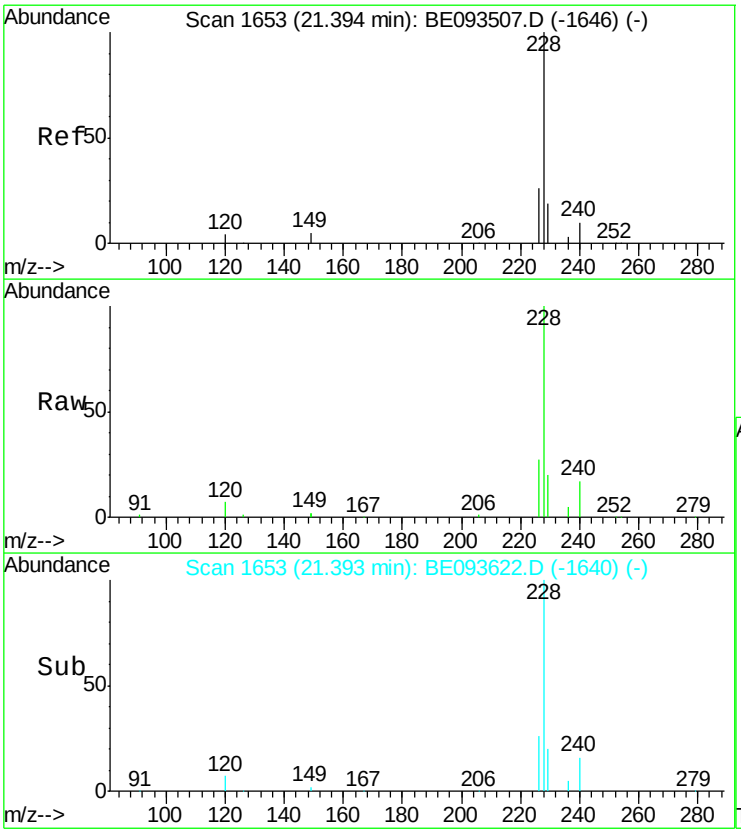
#29
Terphenyl-d14
Concen: 0.064 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:244 Resp: 2687

Ion	Ratio	Lower	Upper
244	100		
212	42.5	10.6	16.0#
122	16.3	15.4	23.0

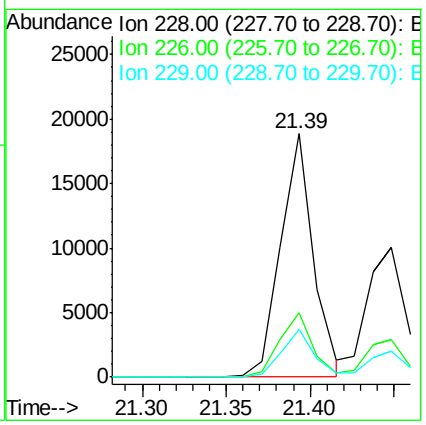


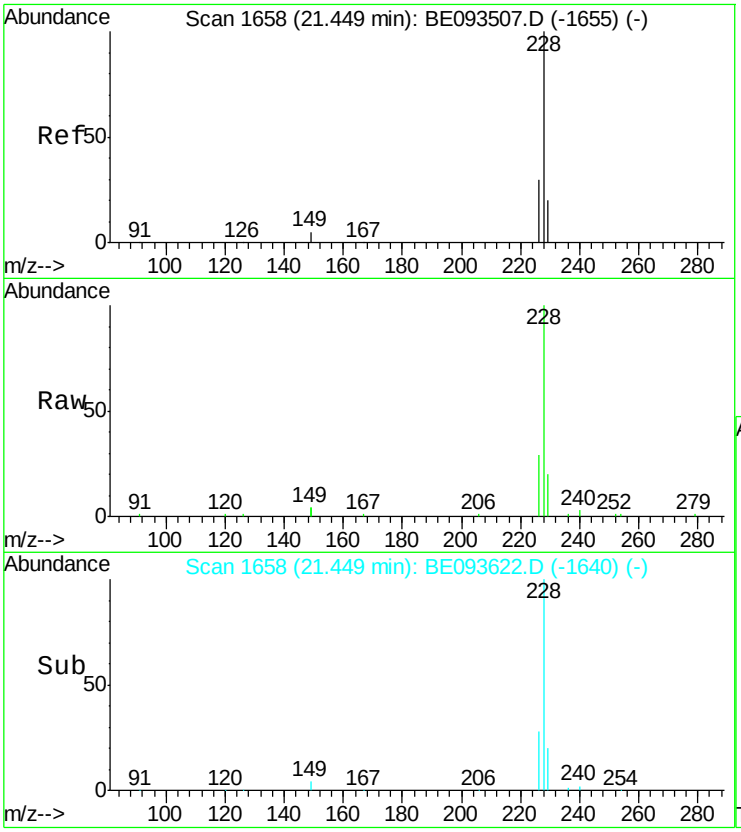


#30
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:228 Resp: 25308

Ion	Ratio	Lower	Upper
228	100		
226	26.7	19.7	29.5
229	19.8	19.2	28.8



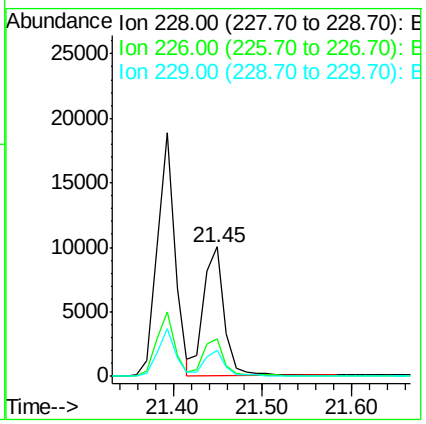


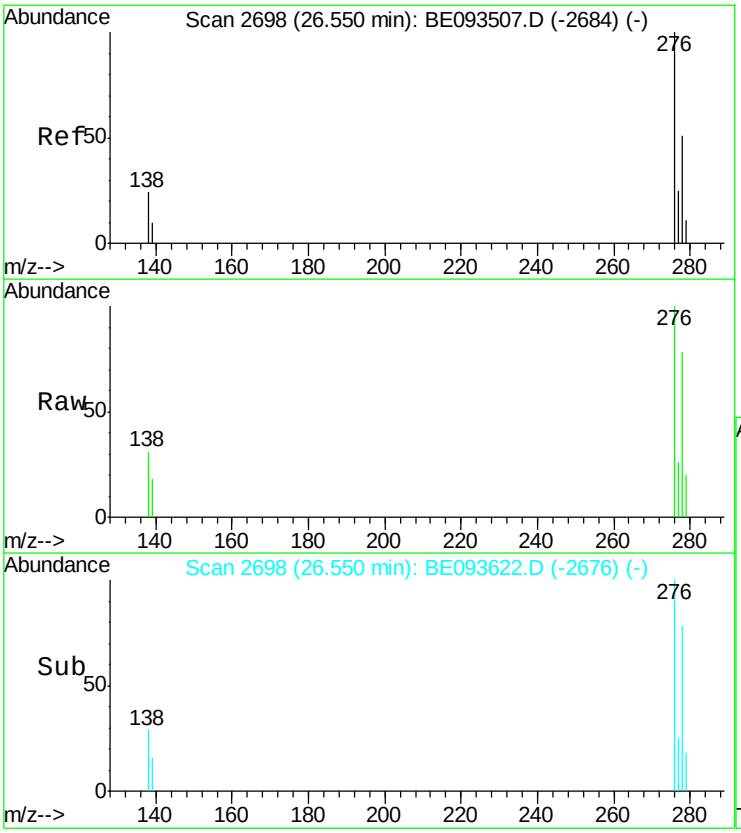
#31
Chrysene
Concen: 0.209 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:228 Resp: 16073

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.5	32.3
229	20.1	18.6	28.0

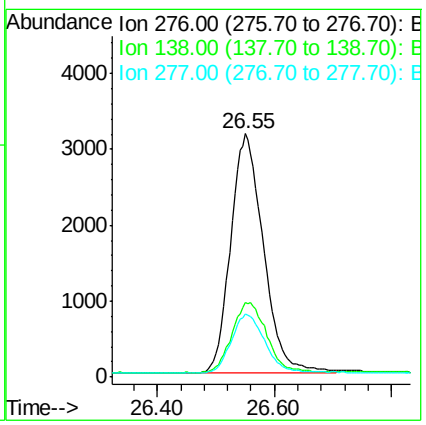


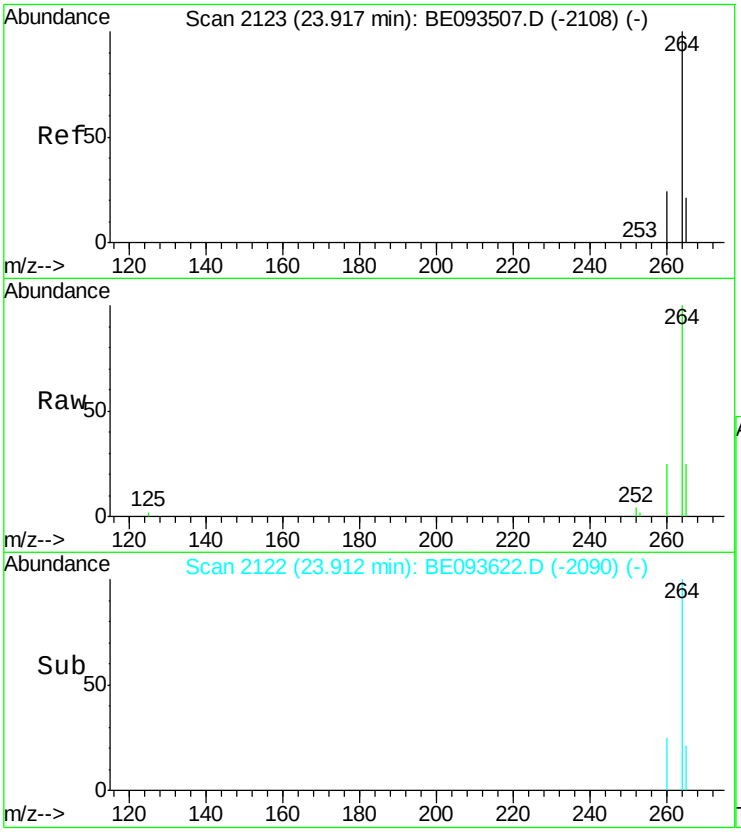


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.177 ng
RT: 26.55 min Scan# 2698
Delta R.T. 0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:276 Resp: 12325

Ion	Ratio	Lower	Upper
276	100		
138	30.8	27.4	41.2
277	25.2	20.1	30.1



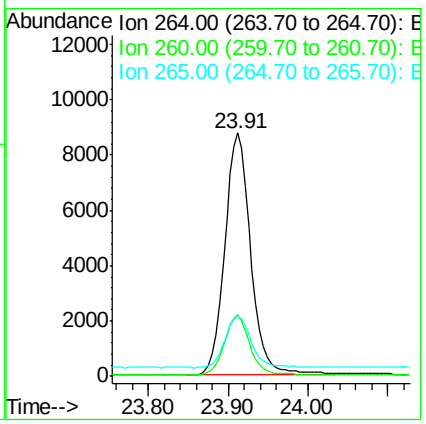


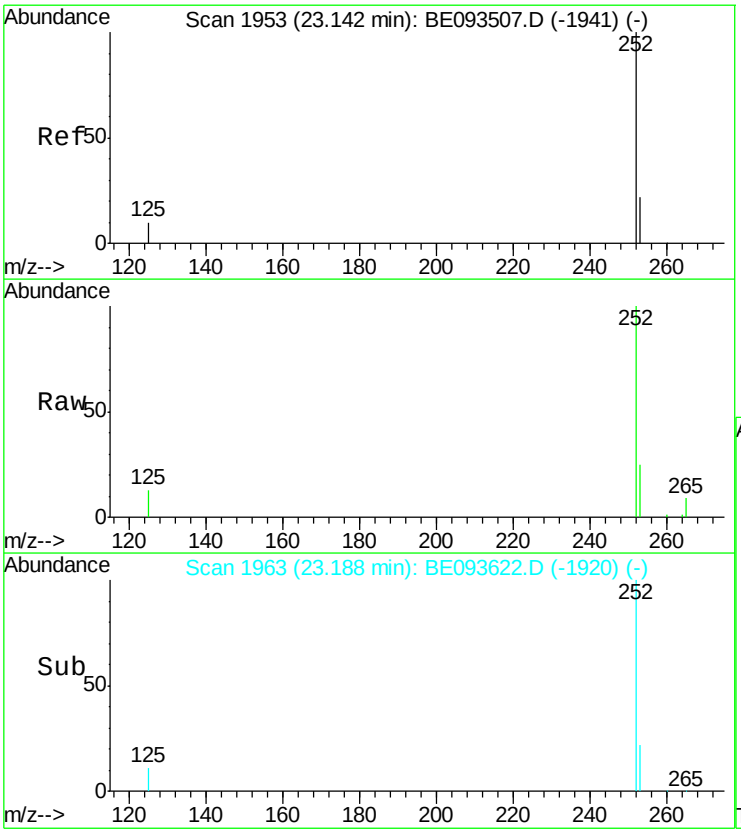
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:264 Resp: 19716

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	24.6	24.6	36.8

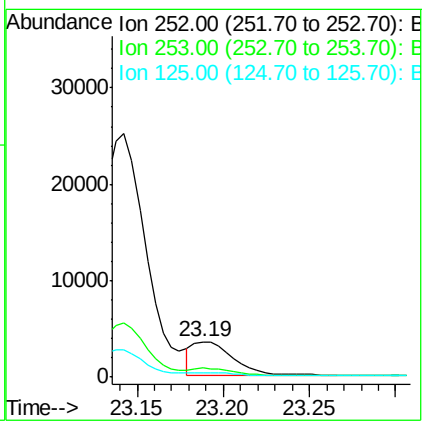


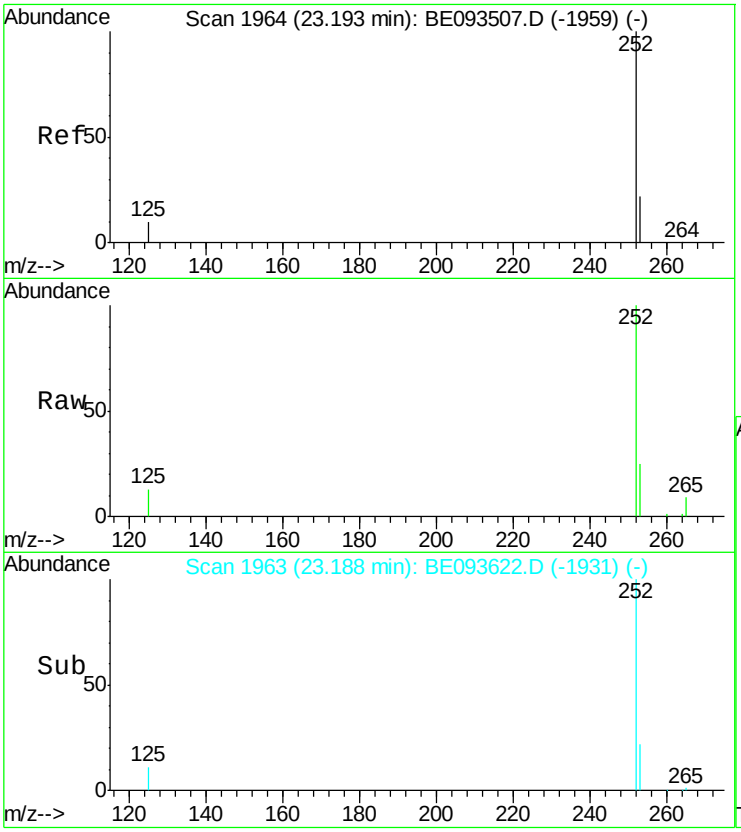


#35
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 23.19 min Scan# 1963
Delta R.T. 0.05 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:252 Resp: 5683

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	13.4	13.4	20.0



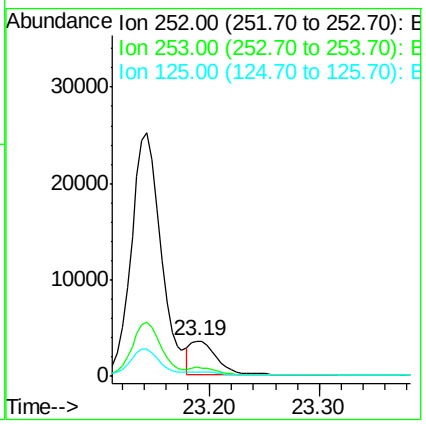


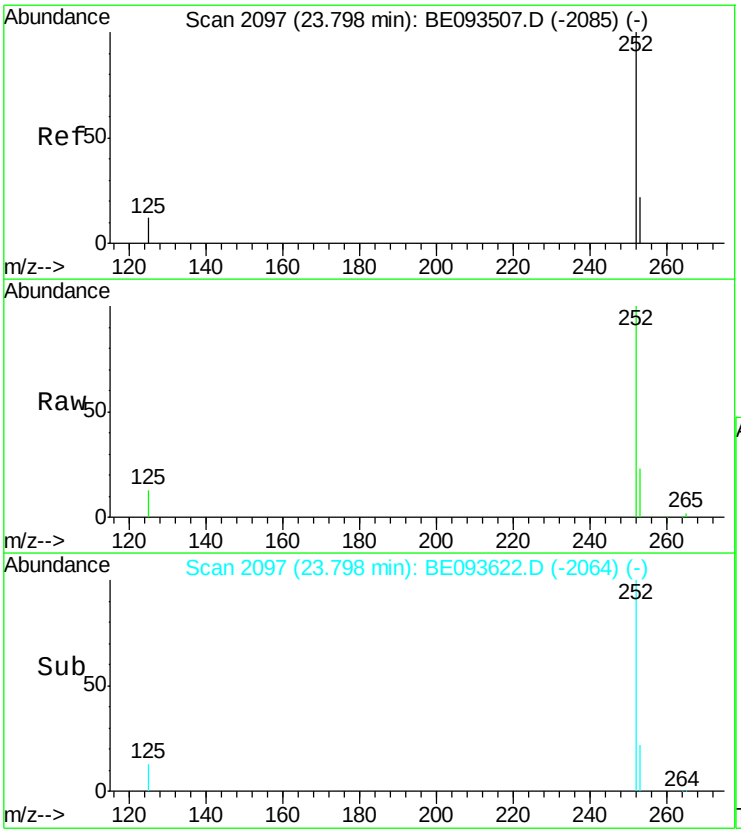
#36
Benzo(k)fluoranthene
Concen: 0.084 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:252 Resp: 6048

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.3	30.5
125	13.4	12.2	18.4

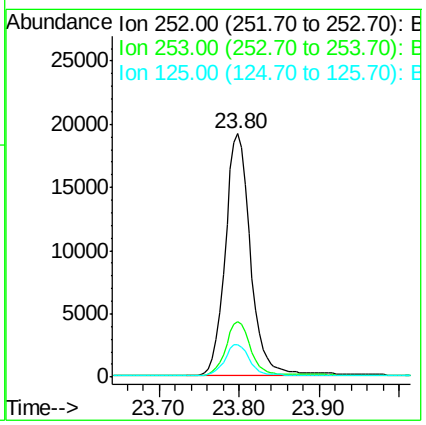


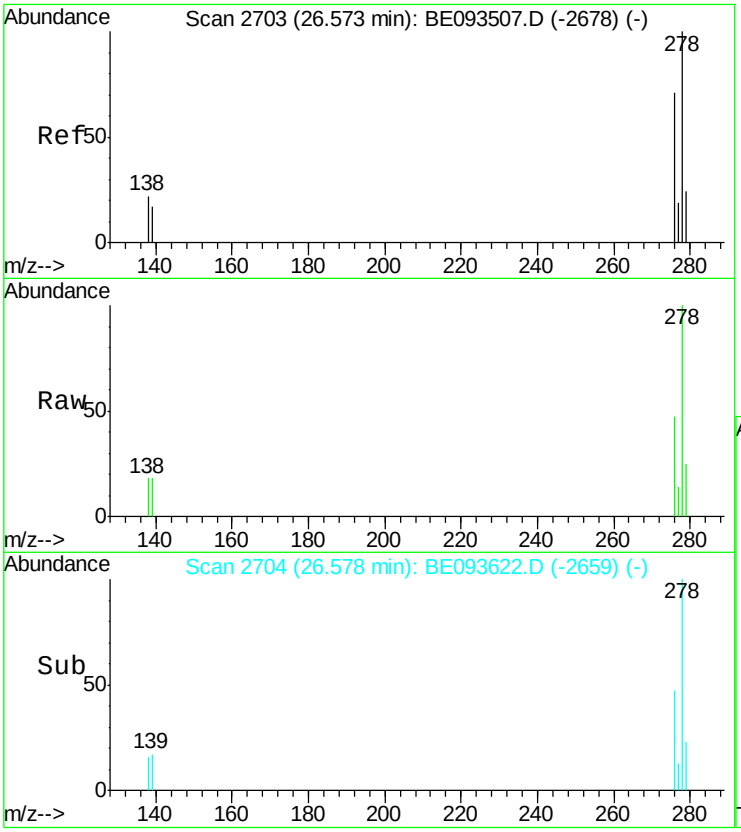


#37
Benzo(a)pyrene
Concen: 0.665 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:252 Resp: 42376

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.9	29.9
125	13.3	14.6	21.8#



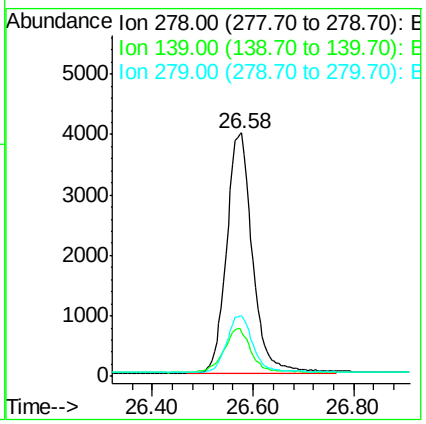


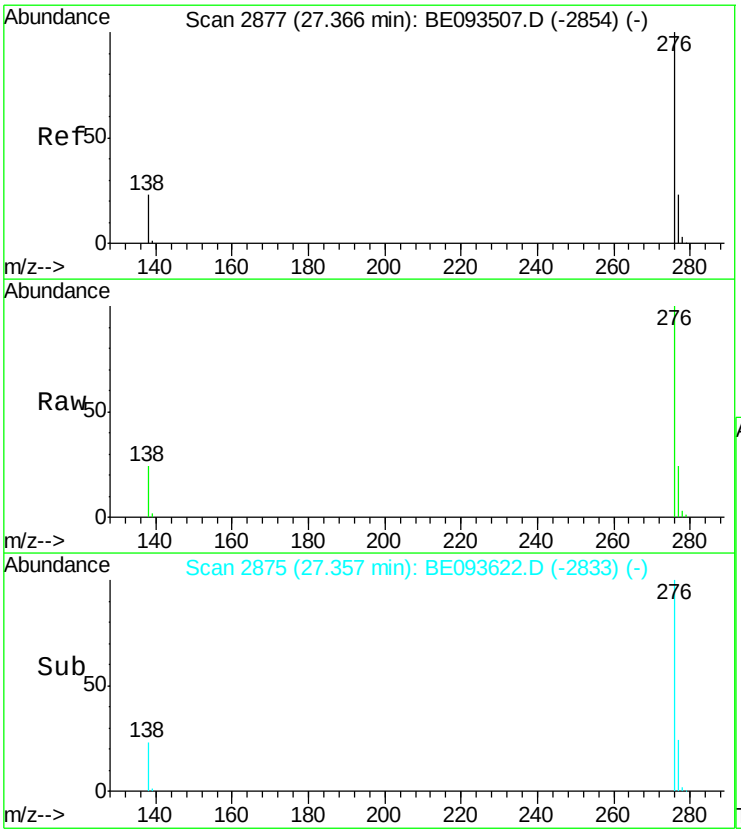
#38
Dibenzo(a,h)anthracene
Concen: 0.233 ng
RT: 26.58 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Instrument :
BNA_E
ClientSampleId :
0548DL

Tgt Ion:278 Resp: 14357

Ion	Ratio	Lower	Upper
278	100		
139	17.9	21.4	32.0#
279	24.7	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 27.36 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE093622.D
Acq: 2 Aug 2017 10:34

Tgt Ion:276 Resp: 22614

Ion	Ratio	Lower	Upper
276	100		
277	24.3	21.2	31.8
138	24.1	24.5	36.7#