Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
Data File : BE093518.D
Acq On : 21 Jul 2017 21:10
Operator : SJ/JU
Sample : I4199-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 3578-CC7DL

Quant Time: Jul 22 01:56:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2816	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	13763	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	8726	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	22897	0.40	ng		0.00
27) Chrysene-d12	21.42	240	31739	0.40	ng		0.00
34) Perylene-d12	23.92	264	28451	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	267	0.03	ng		0.00
5) Phenol-d6	7.10	99	300	0.02	ng		0.00
8) Nitrobenzene-d5	9.08	82	602	0.06	ng		0.02
11) 2-Methylnaphthalene-d10	12.30	152	908	0.04	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	158	0.05	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	3336	0.10	ng		0.00
25) Fluoranthene-d10	19.27	212	13664	0.04	ng		0.00
29) Terphenyl-d14	19.86	244	3630	0.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	393	0.084	ng	#	67
3) n-Nitrosodimethylamine	3.74	42	124	0.027	ng	#	1
9) Naphthalene	10.76	128	270775	1.689	ng		99
12) 2-Methylnaphthalene	12.37	142	62204	2.314	ng		96
16) Acenaphthylene	14.24	152	56229	1.280	ng	#	87
17) Acenaphthene	14.58	154	29447	0.987	ng		98
18) Fluorene	15.58	166	125396	2.985	ng	#	88
22) Pentachlorophenol	16.91	266	61	0.197	ng	#	73
23) Phenanthrene	17.27	178	299547	5.770	ng	#	81
24) Anthracene	17.27	178	369349	4.653	ng	#	81
26) Fluoranthene	19.30	202	299349	2.702	ng		98
28) Pyrene	19.67	202	108143	1.051	ng	#	95
30) Benzo(a)anthracene	21.39	228	19135	0.187	ng		94
31) Chrysene	21.45	228	52473	0.519	ng		95
32) Bis(2-ethylhexyl)phthalate	21.32	149	7051	0.027	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.55	276	23404	0.245	ng	#	90
35) Benzo(b)fluoranthene	23.14	252	27515	0.275	ng		96
36) Benzo(k)fluoranthene	23.20	252	19080	0.193	ng		98
37) Benzo(a)pyrene	23.80	252	10034	0.108	ng	#	87
38) Dibenzo(a,h)anthracene	26.57	278	11769	0.134	ng		95
39) Benzo(g,h,i)perylene	27.36	276	8367	0.095	ng		97

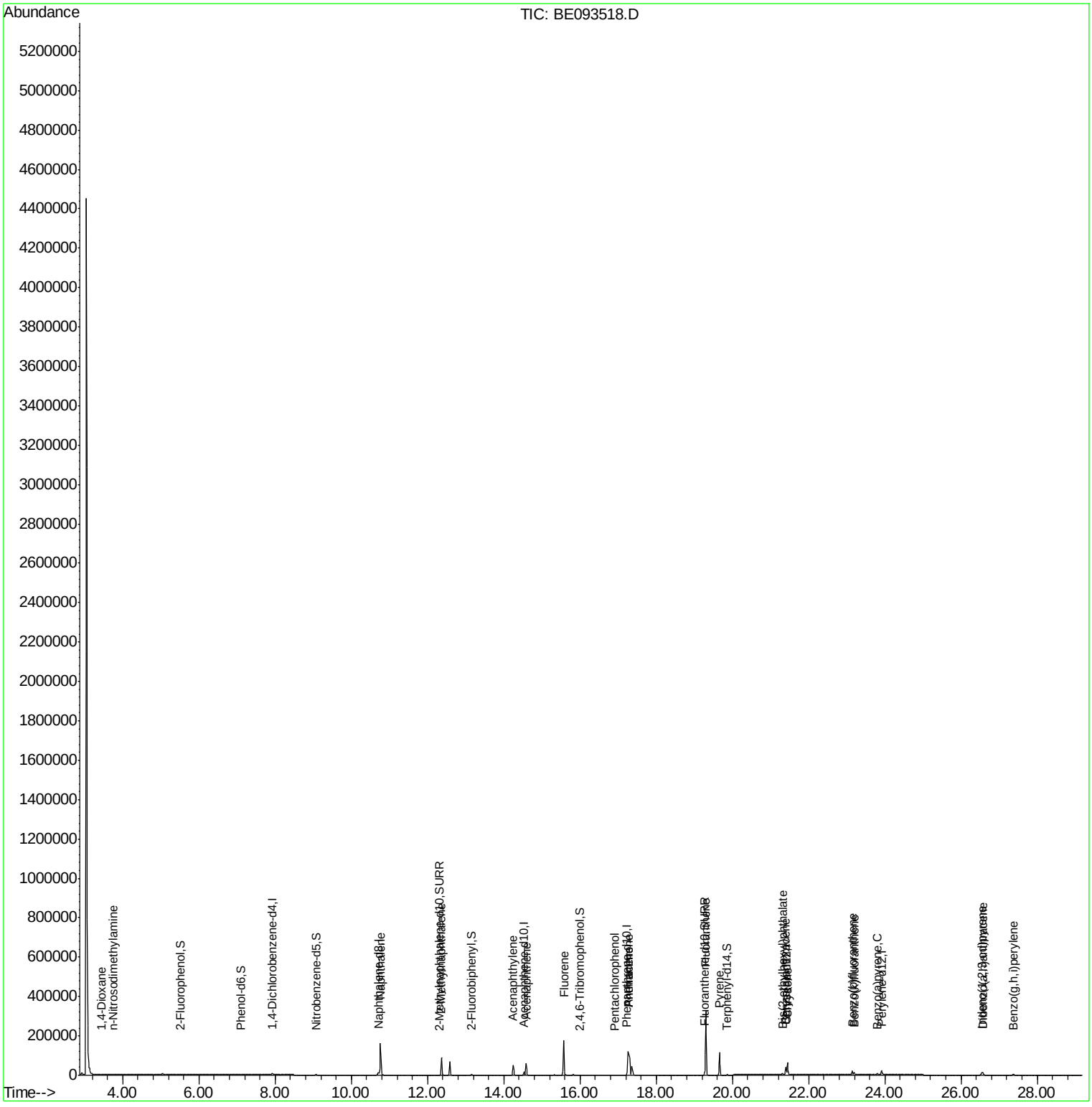
(#) = qualifier out of range (m) = manual integration (+) = signals summed

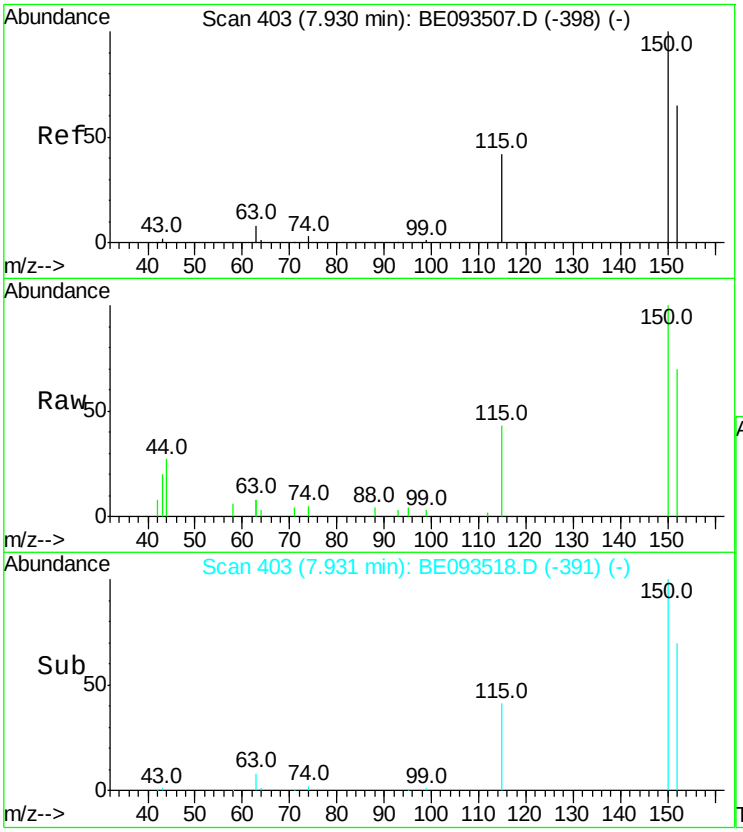
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
Data File : BE093518.D
Acq On : 21 Jul 2017 21:10
Operator : SJ/JU
Sample : I4199-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Quant Time: Jul 22 01:56:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration



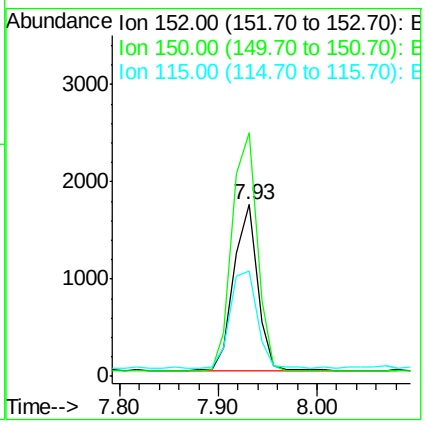


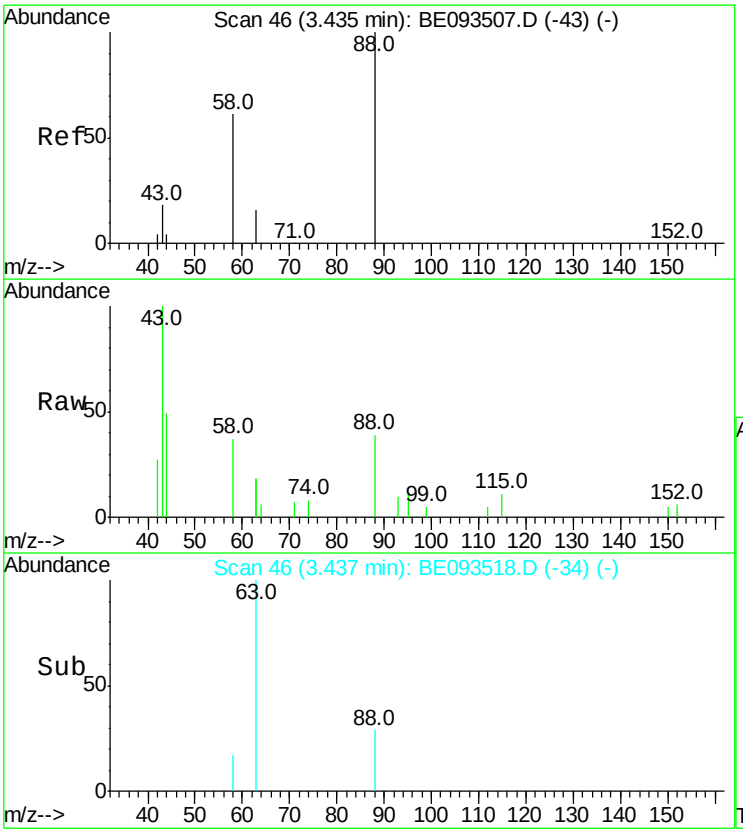
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:152 Resp: 2816

Ion	Ratio	Lower	Upper
152	100		
150	142.0	125.1	187.7
115	61.7	55.7	83.5

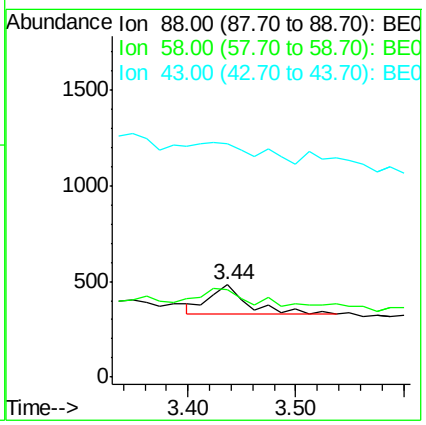


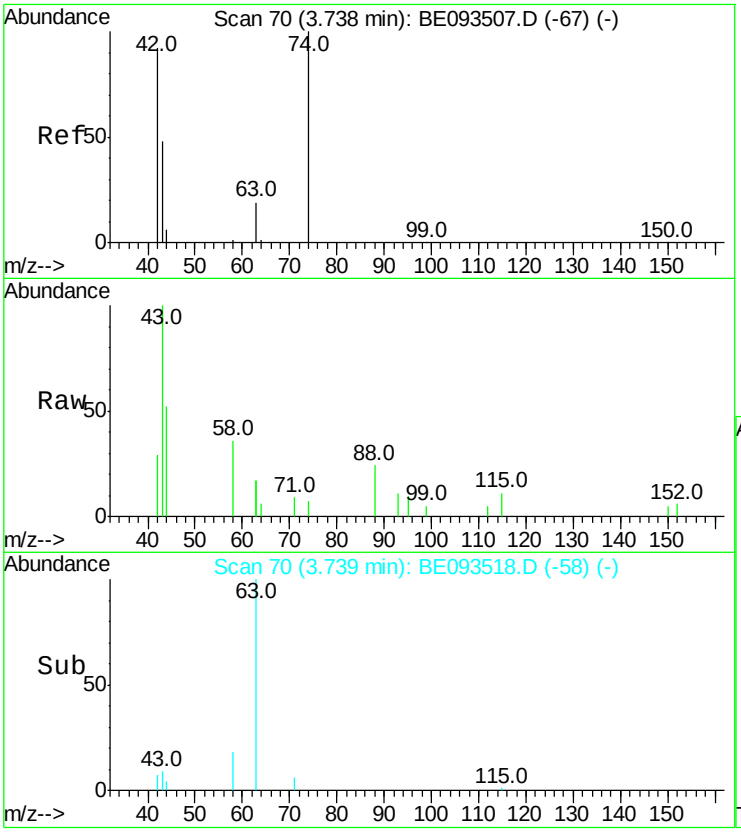


#2
1,4-Dioxane
Concen: 0.084 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion: 88 Resp: 393

Ion	Ratio	Lower	Upper
88	100		
58	55.7	62.2	93.4#
43	0.0	23.2	34.8#



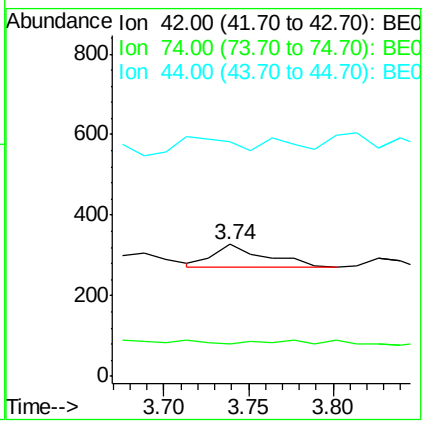


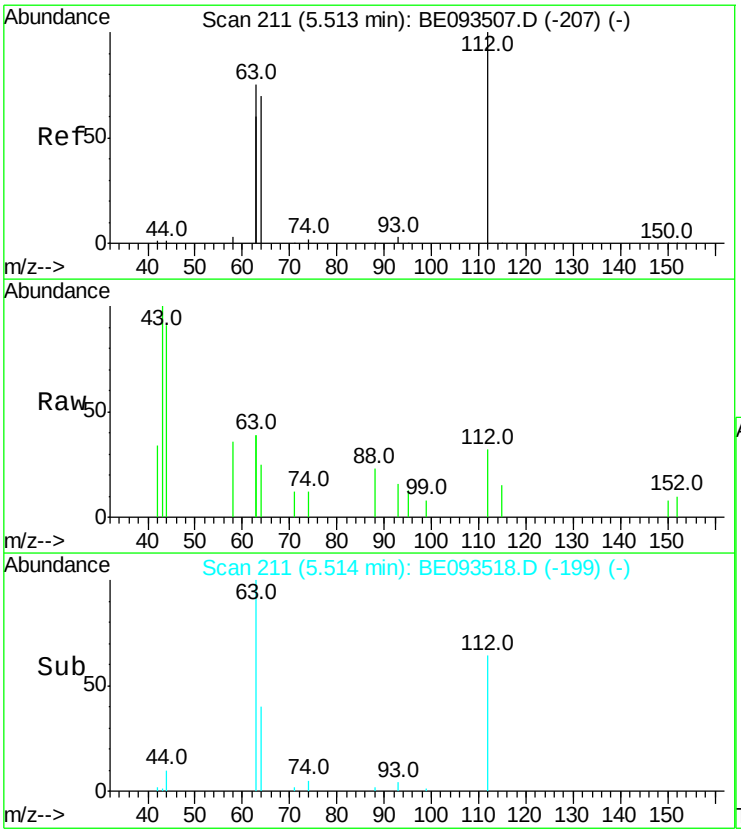
#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion: 42 Resp: 124

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	0.0	7.4	11.2#

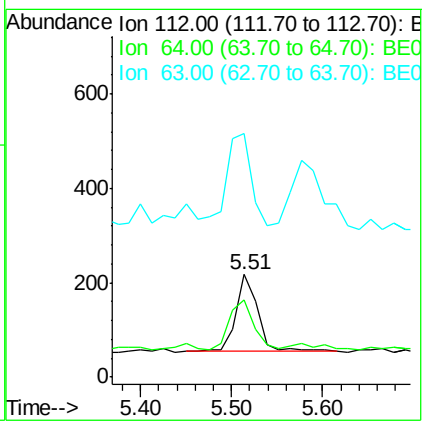


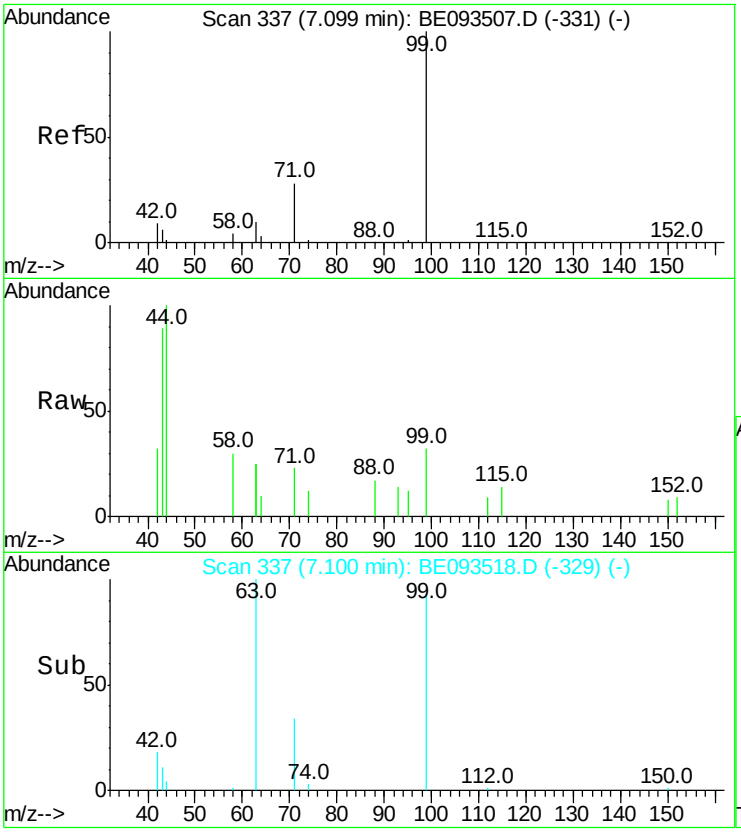


#4
2-Fluorophenol
Concen: 0.027 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:112 Resp: 267

Ion	Ratio	Lower	Upper
112	100		
64	73.4	56.4	84.6
63	136.0	29.3	43.9#



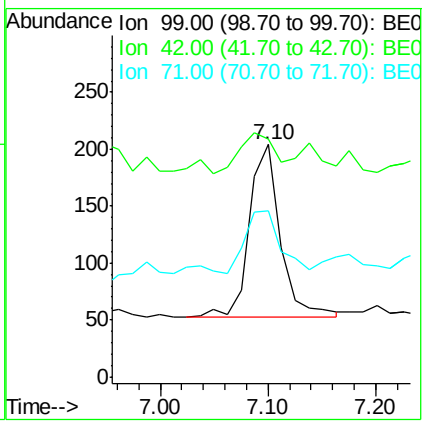


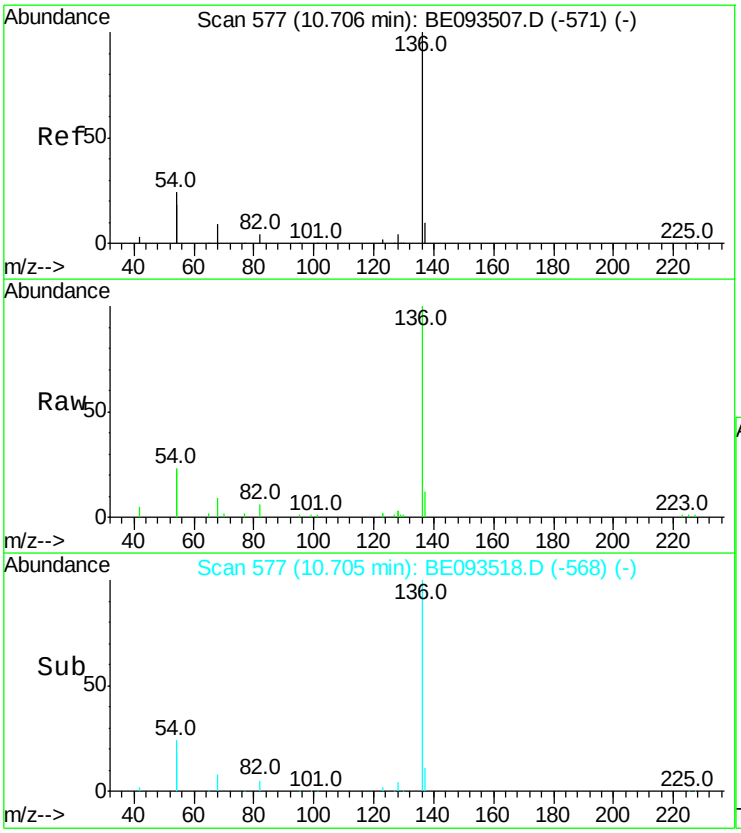
#5
Phenol-d6
Concen: 0.022 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion: 99 Resp: 300

Ion	Ratio	Lower	Upper
99	100		
42	29.3	0.0	0.0#
71	38.3	0.0	0.0#

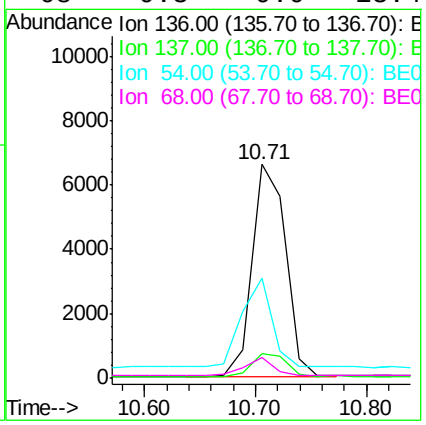


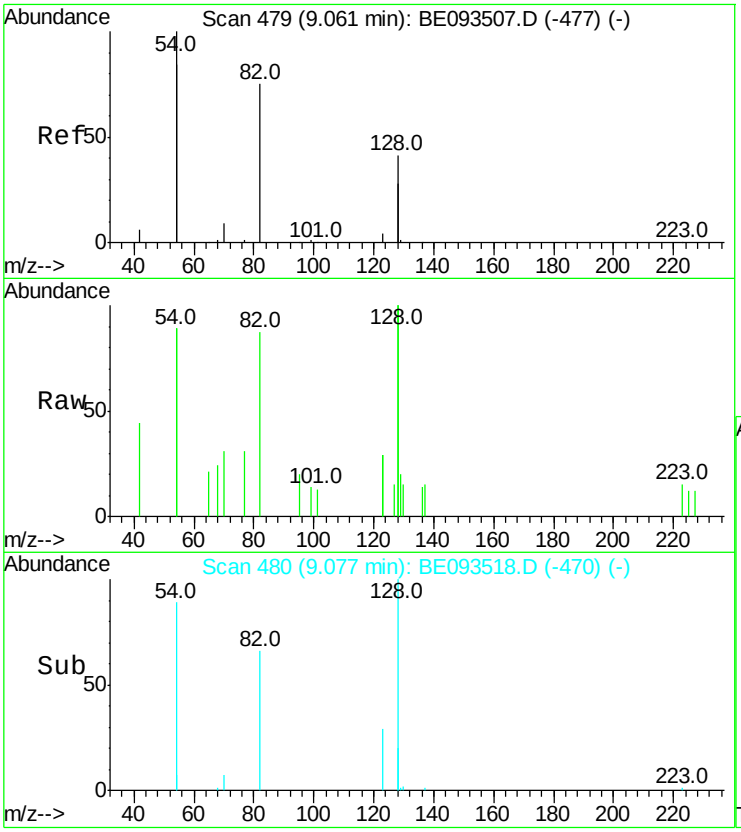


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:136 Resp: 13763

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	46.9	10.3	15.5#
68	9.3	9.0	13.4



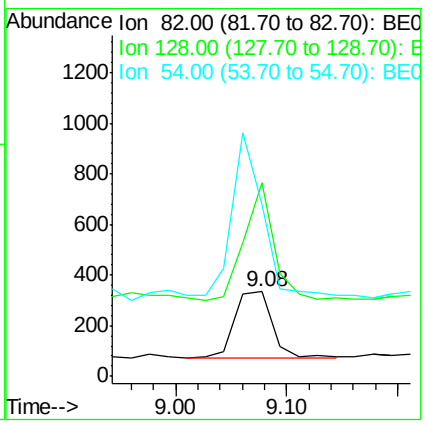


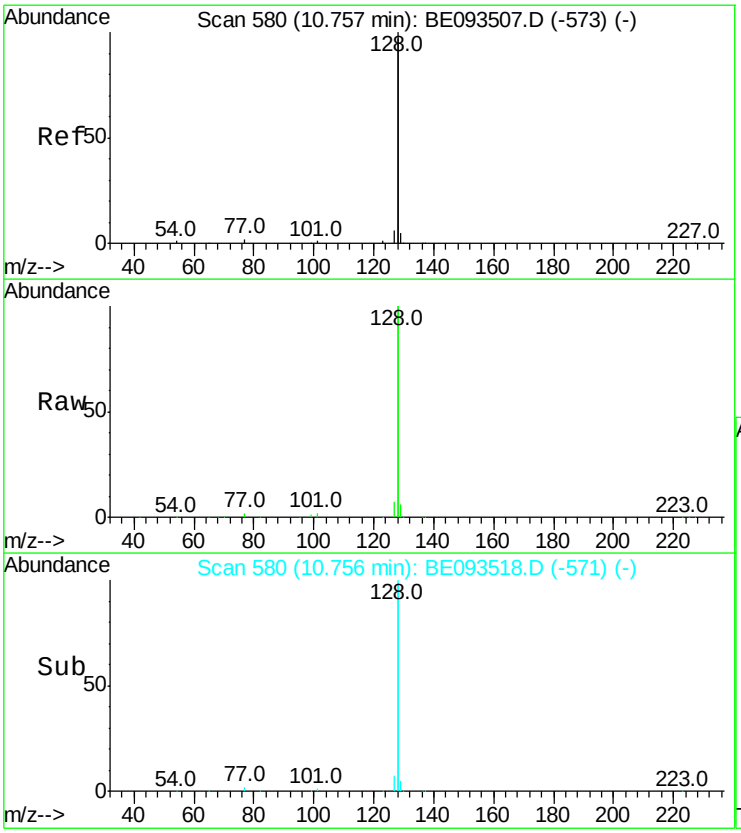
#8
Nitrobenzene-d5
Concen: 0.055 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.02 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion: 82 Resp: 602

Ion	Ratio	Lower	Upper
82	100		
128	229.4	17.0	25.4#
54	204.2	53.8	80.6#

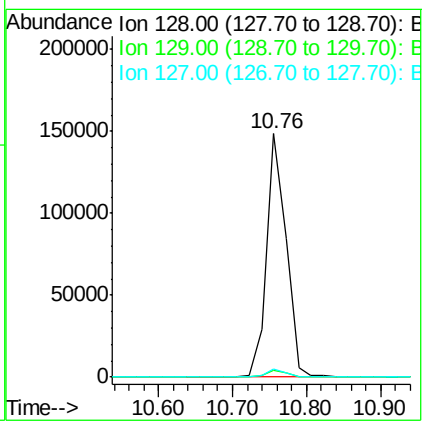


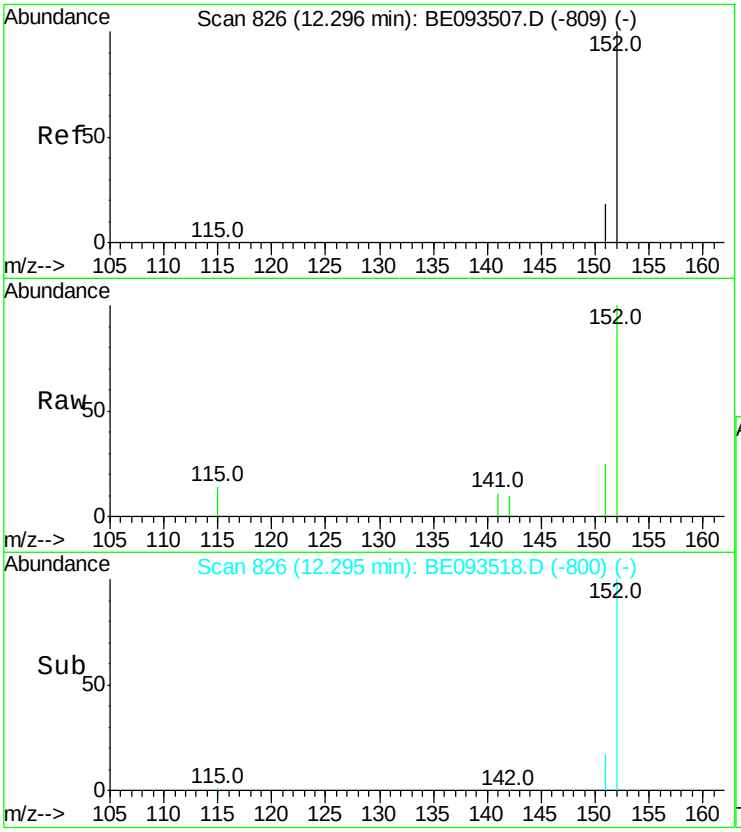


#9
Naphthalene
Concen: 1.689 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:128 Resp: 270775

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



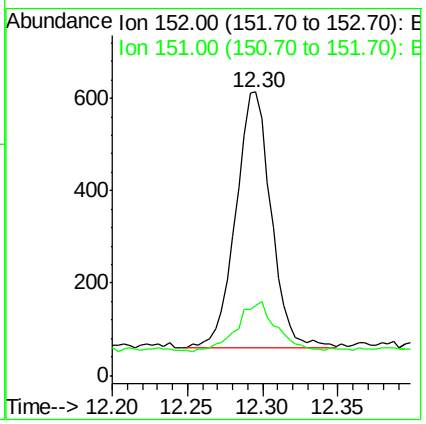


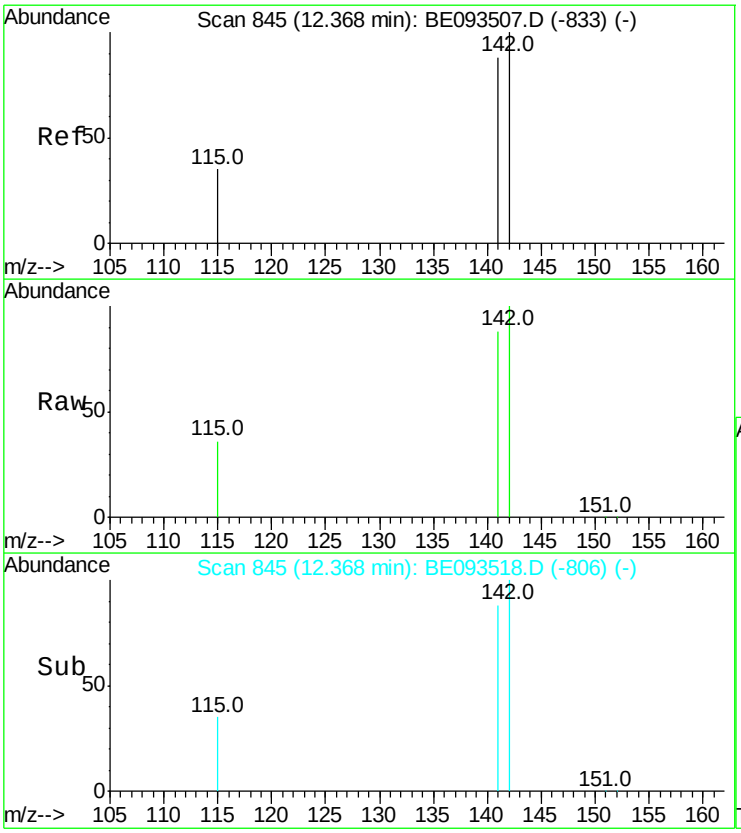
#11
2-Methylnaphthalene-d10
Concen: 0.041 ng
RT: 12.30 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:152 Resp: 908

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.1	22.7

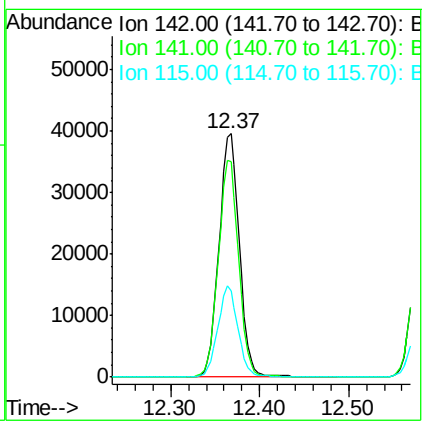


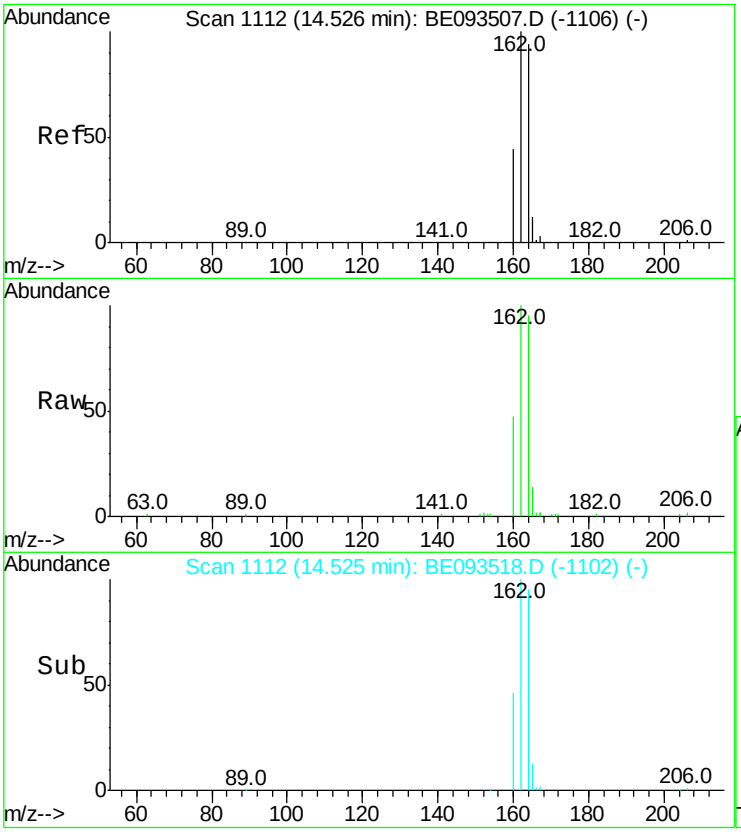


#12
2-Methylnaphthalene
Concen: 2.314 ng
RT: 12.37 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:142 Resp: 62204

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8
115	35.5	32.2	48.2



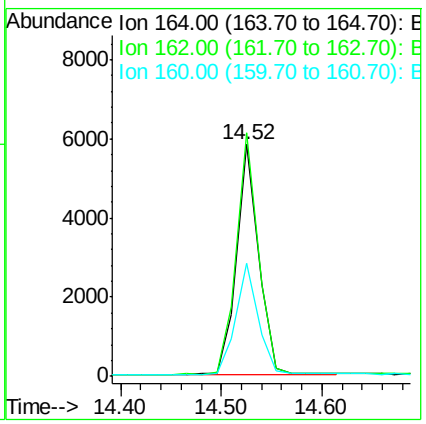


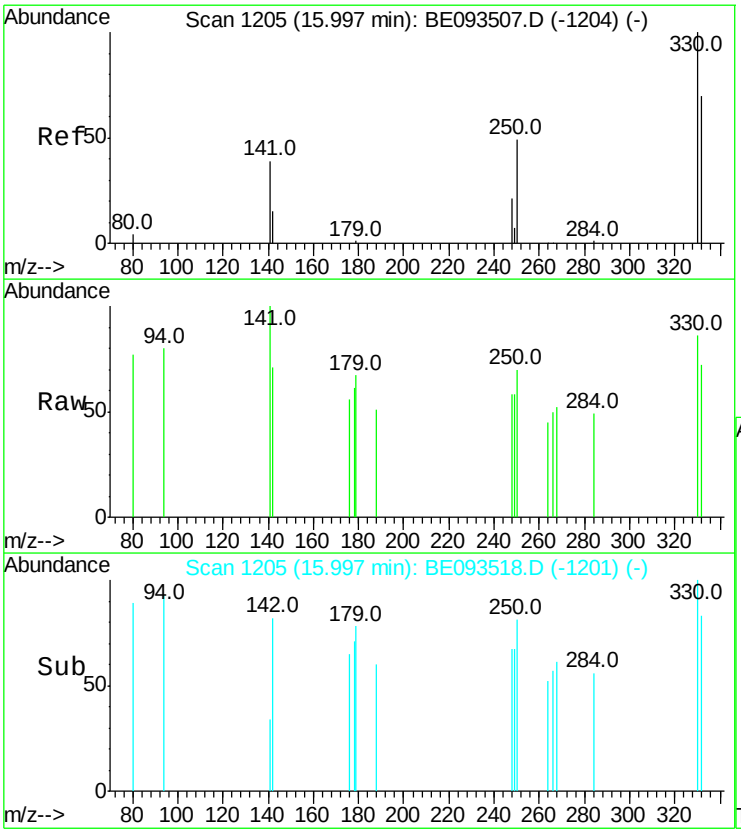
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:164 Resp: 8726

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.6	127.0
160	49.0	41.8	62.6

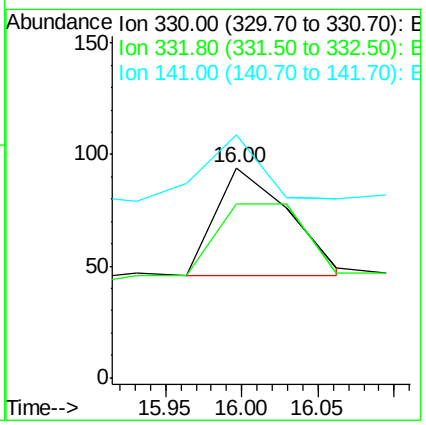


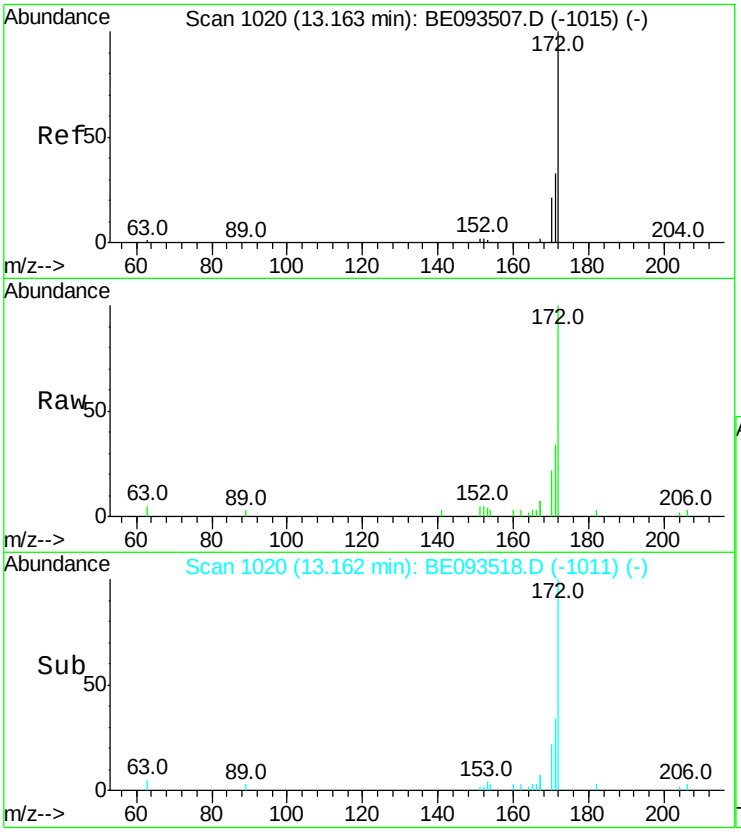


#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:330 Resp: 158

Ion	Ratio	Lower	Upper
330	100		
332	80.4	77.7	116.5
141	50.6	56.2	84.4#



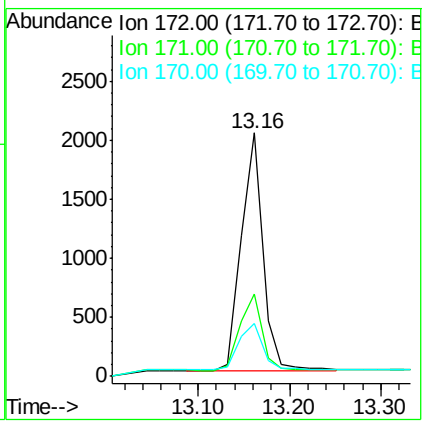


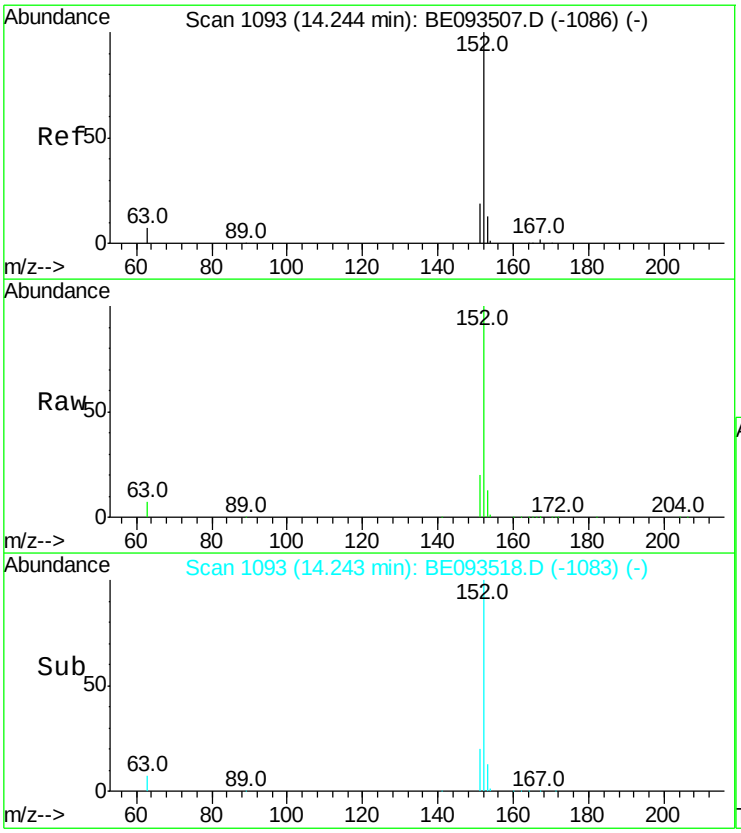
#15
2-Fluorobiphenyl
Concen: 0.097 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:172 Resp: 3336

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.8	44.6
170	21.9	20.7	31.1

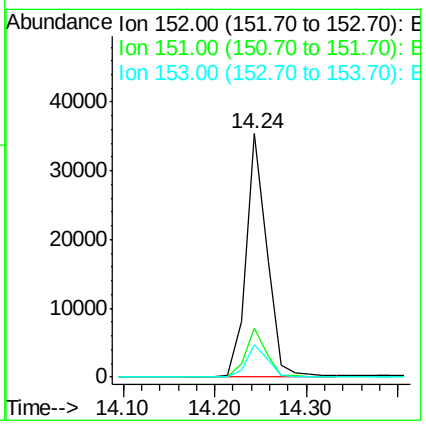


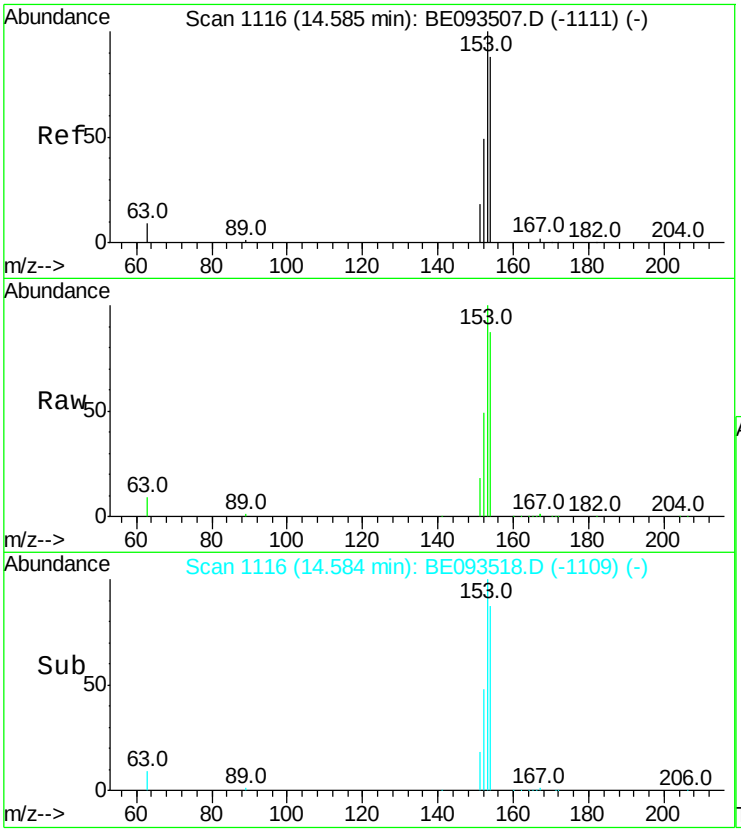


#16
Acenaphthylene
Concen: 1.280 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:152 Resp: 56229

Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	13.3	10.3	15.5



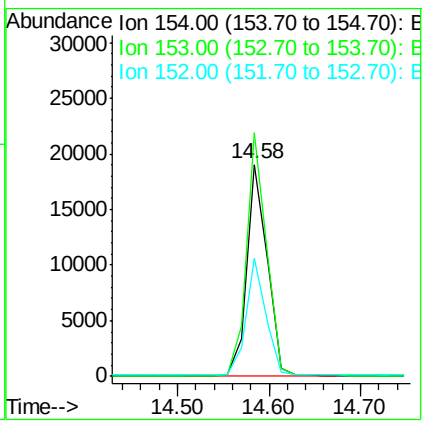


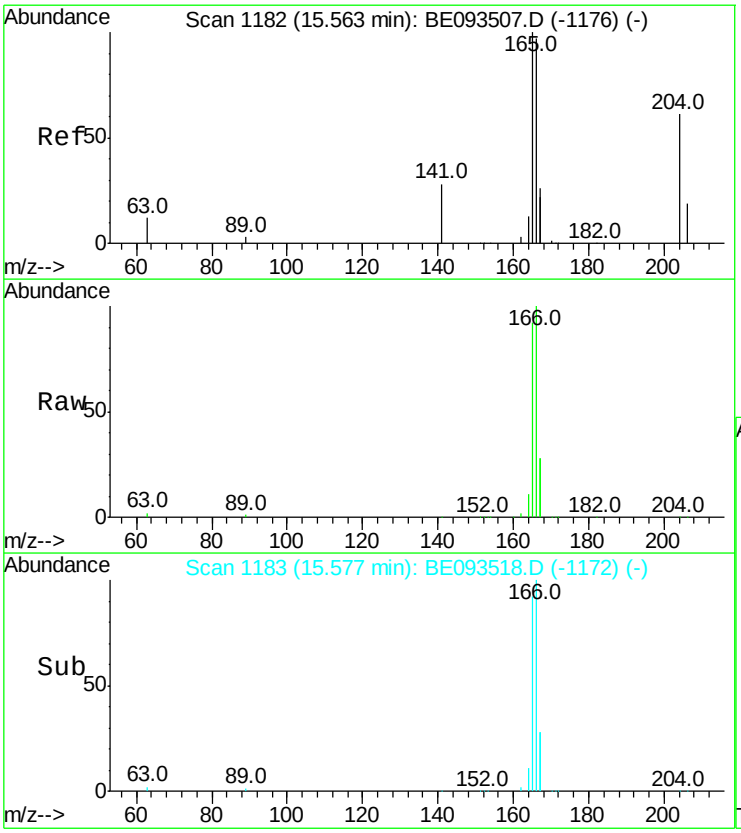
#17
Acenaphthene
Concen: 0.987 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:154 Resp: 29447

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	53.8	44.8	67.2

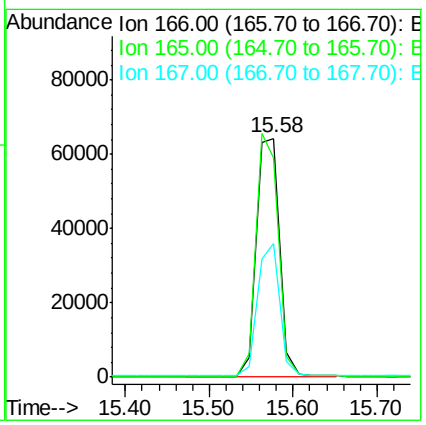


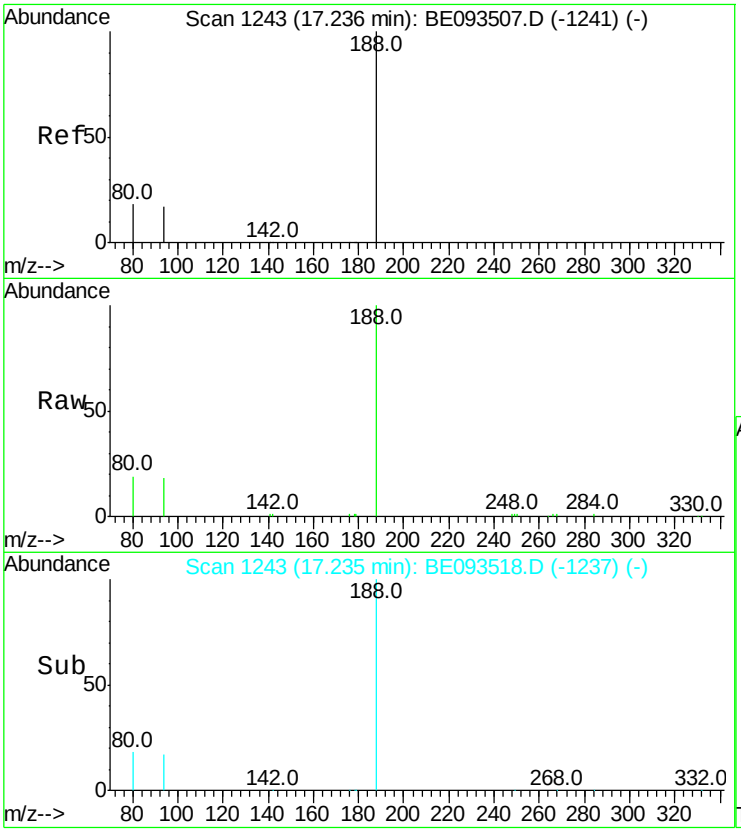


#18
Fluorene
Concen: 2.985 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:166 Resp: 125396

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	52.9	11.1	16.7#



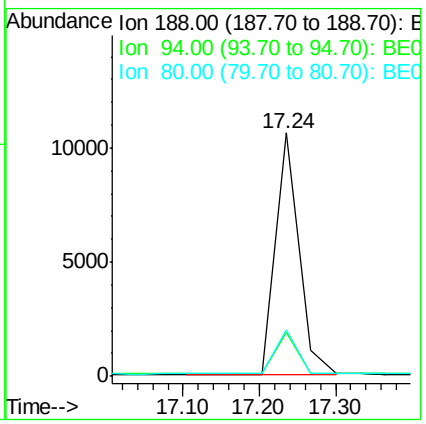


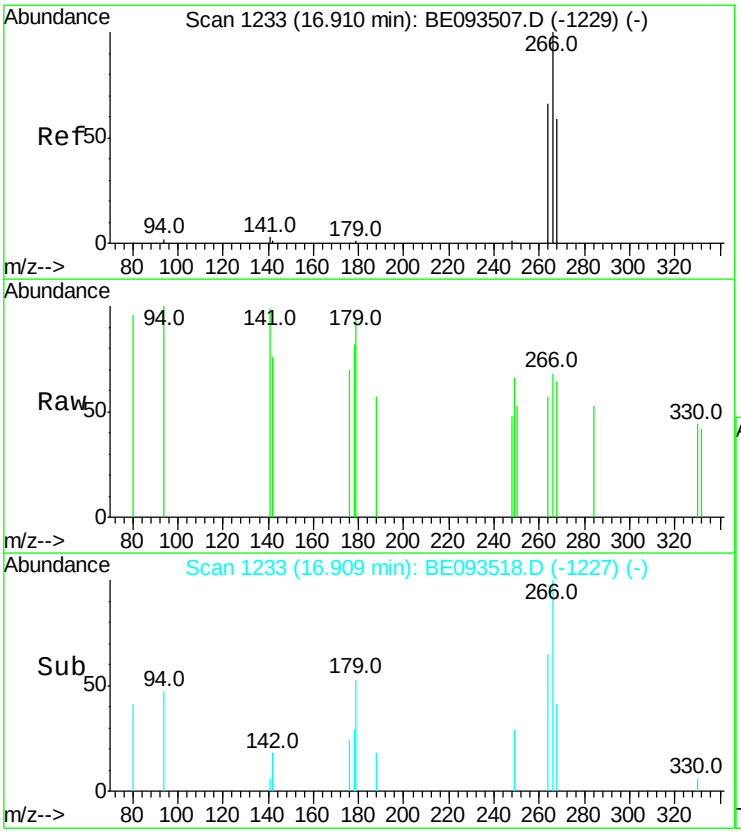
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:188 Resp: 22897

Ion	Ratio	Lower	Upper
188	100		
94	18.1	11.3	16.9#
80	19.1	11.7	17.5#

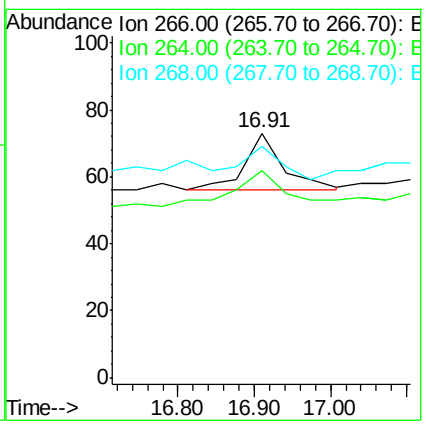


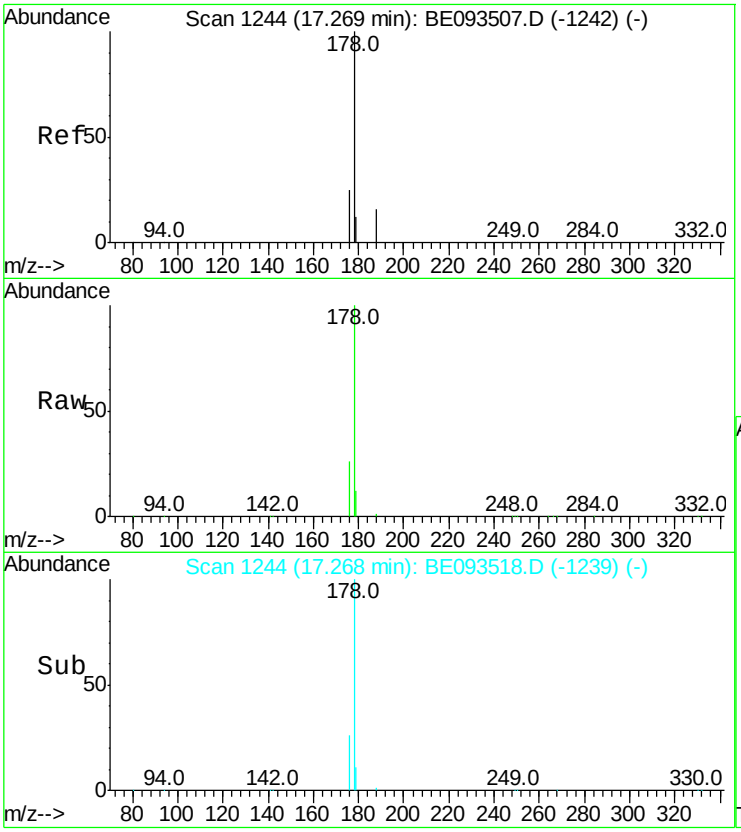


#22
Pentachlorophenol
Concen: 0.197 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
264	84.9	56.0	84.0#
268	94.5	52.0	78.0#



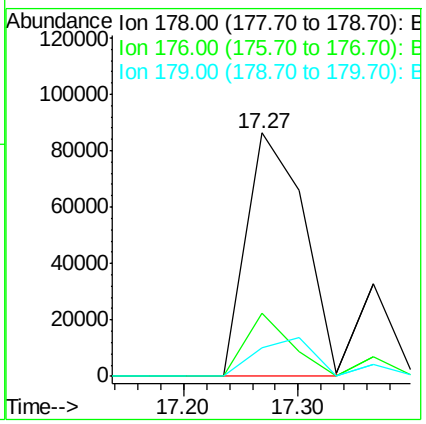


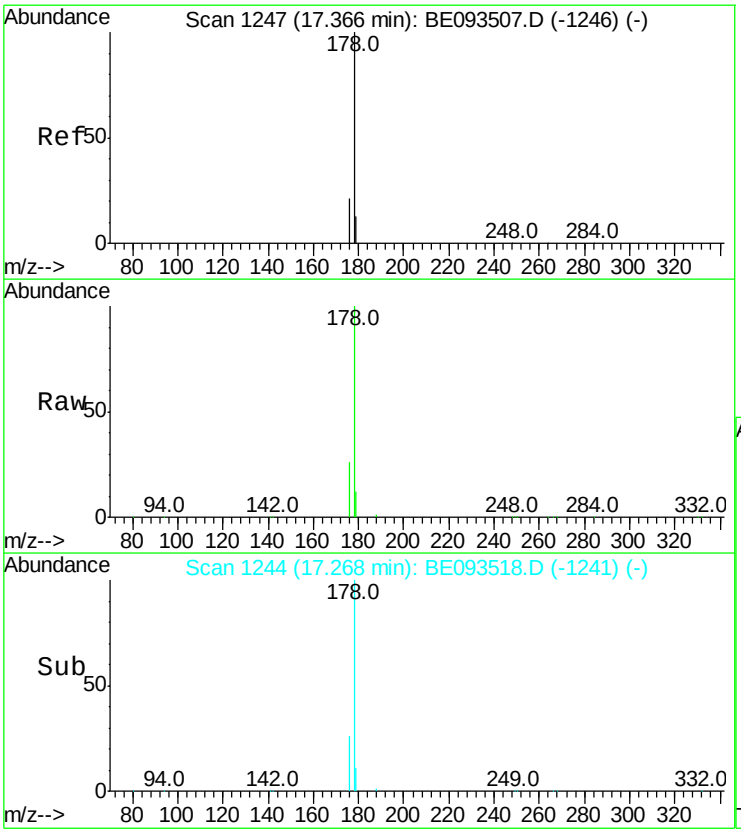
#23
Phenanthrene
Concen: 5.770 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:178 Resp: 299547

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	0.0	12.7	19.1#

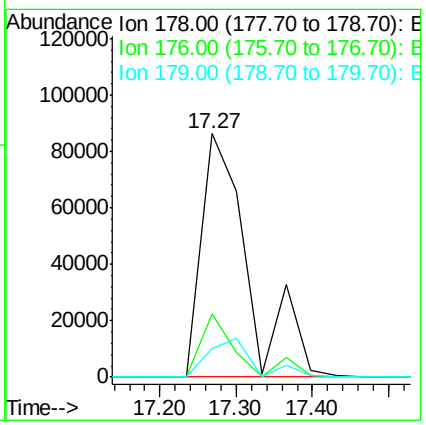


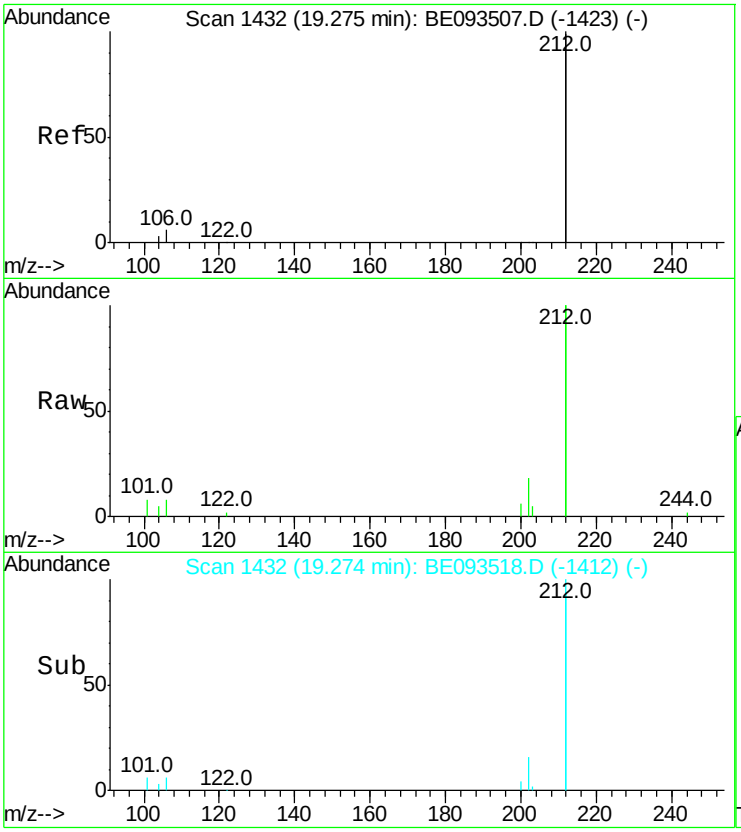


#24
Anthracene
Concen: 4.653 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:178 Resp: 369349

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.6	22.0
179	0.0	12.0	18.0#



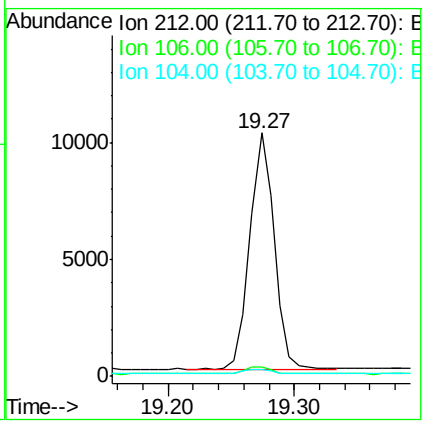


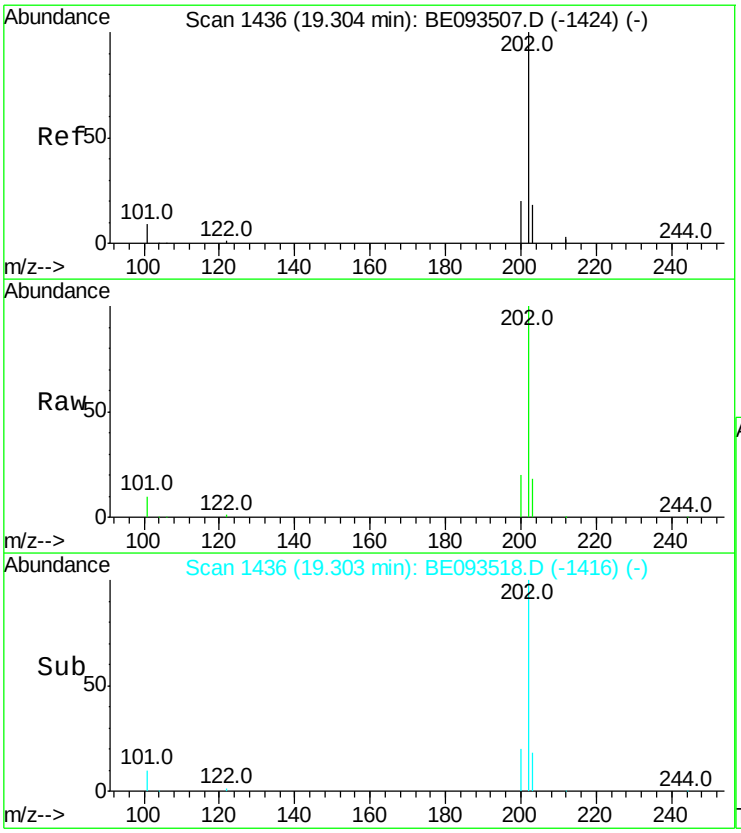
#25
Fluoranthene-d10
Concen: 0.037 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:212 Resp: 13664

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.2	1.6	2.4

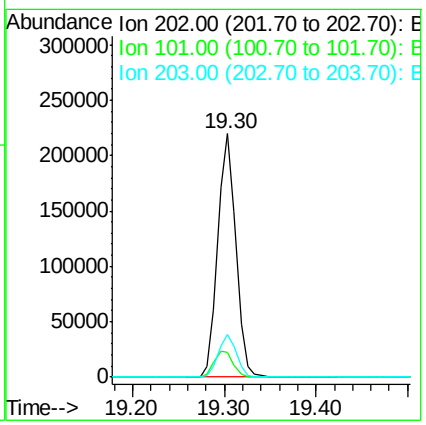


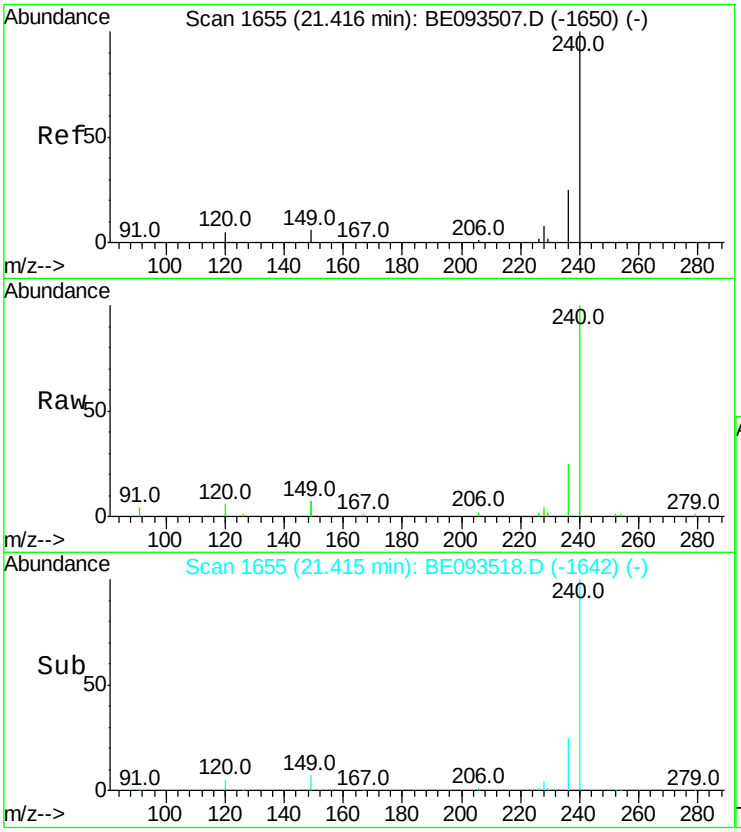


#26
Fluoranthene
Concen: 2.702 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:202 Resp: 299349

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.6	14.4
203	17.4	14.4	21.6



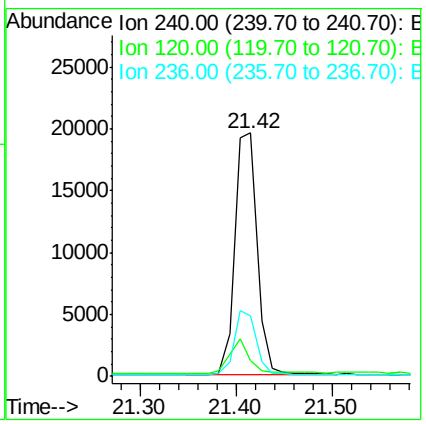


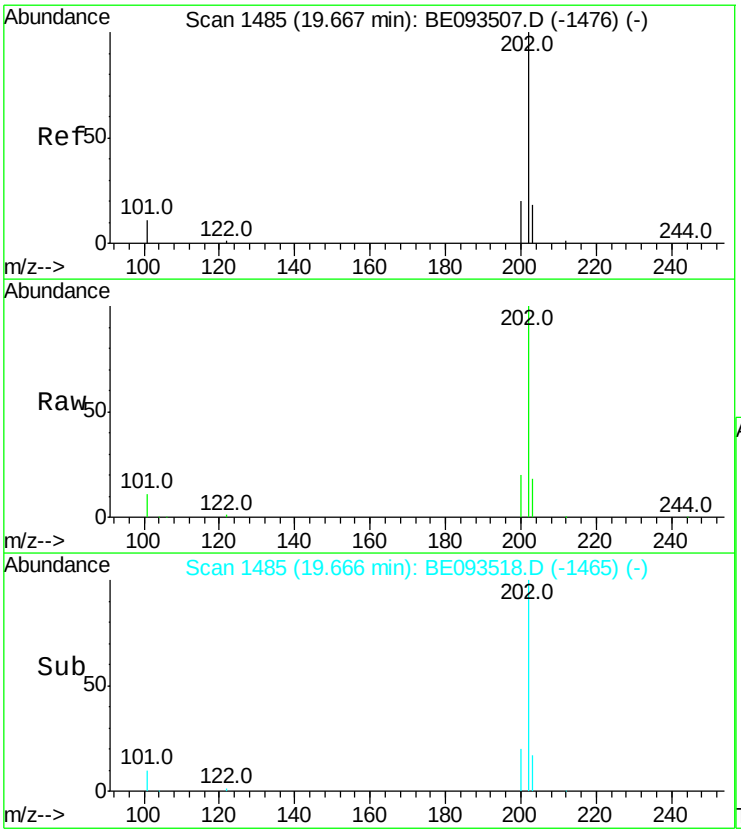
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:240 Resp: 31739

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.6	7.0
236	25.1	20.8	31.2

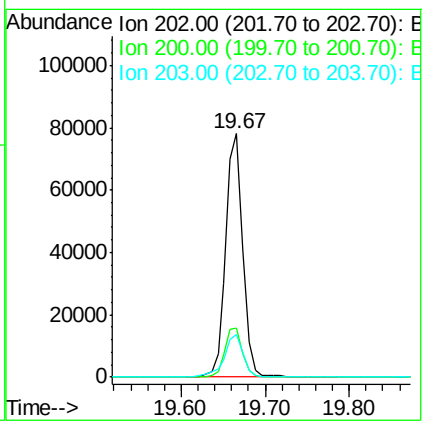


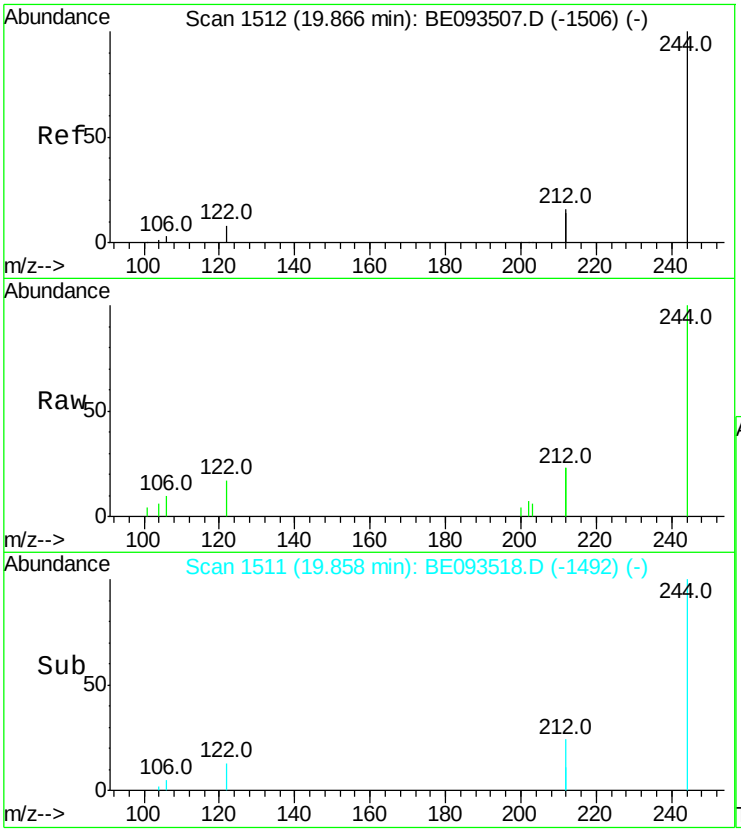


#28
Pyrene
Concen: 1.051 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:202 Resp: 108143

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	19.3	13.7	20.5



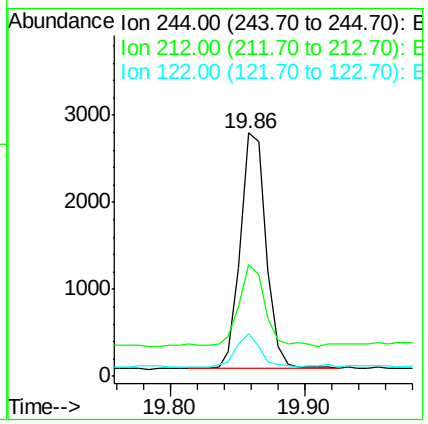


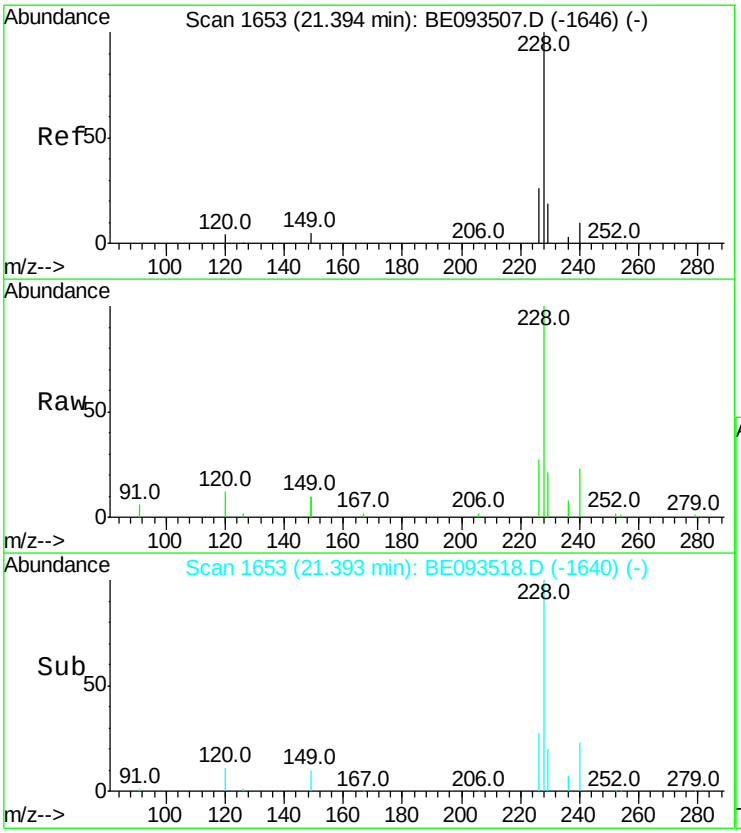
#29
Terphenyl-d14
Concen: 0.063 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:244 Resp: 3630

Ion	Ratio	Lower	Upper
244	100		
212	45.8	10.6	16.0#
122	17.4	15.4	23.0

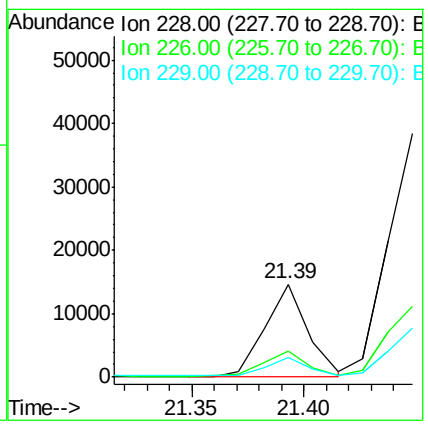


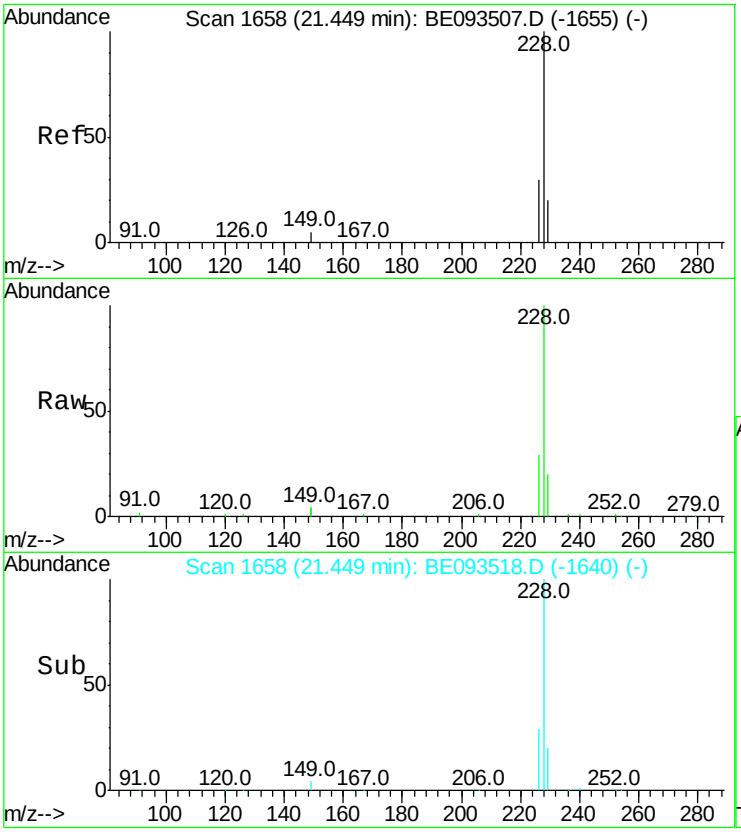


#30
Benzo(a)anthracene
Concen: 0.187 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:228 Resp: 19135

Ion	Ratio	Lower	Upper
228	100		
226	27.3	19.7	29.5
229	21.1	19.2	28.8



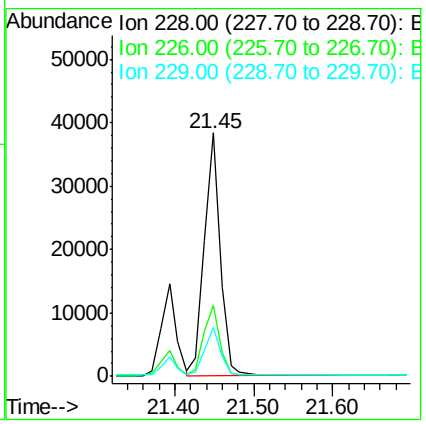


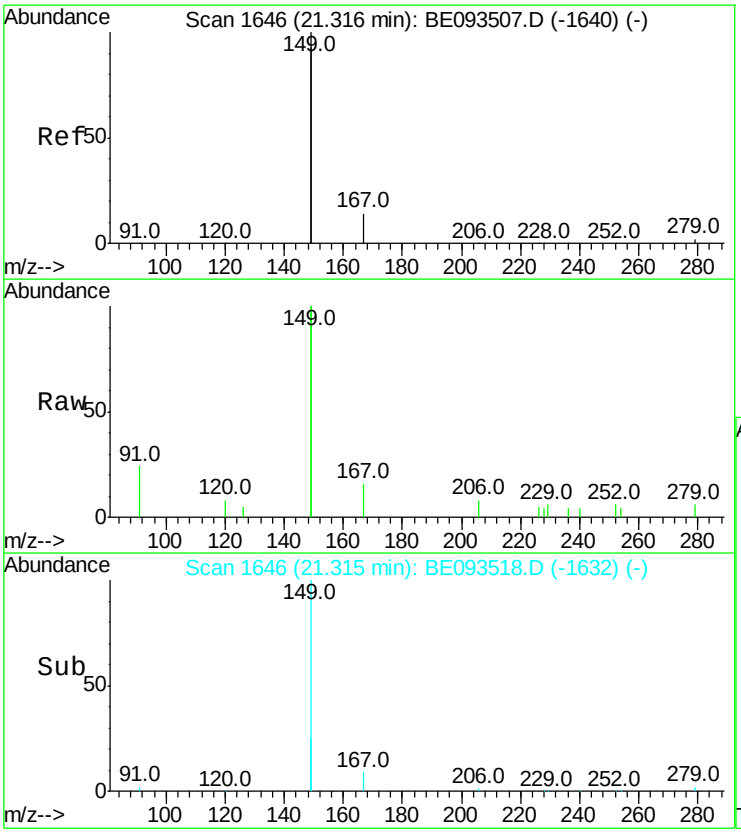
#31
Chrysene
Concen: 0.519 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:228 Resp: 52473

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.5	32.3
229	20.4	18.6	28.0

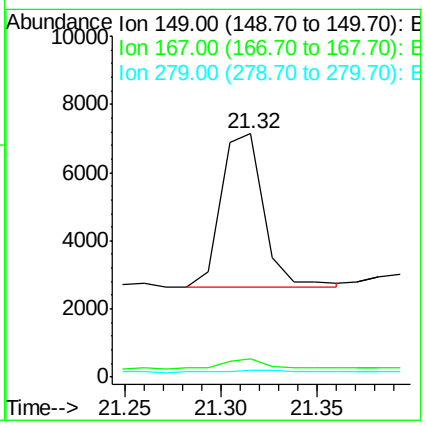


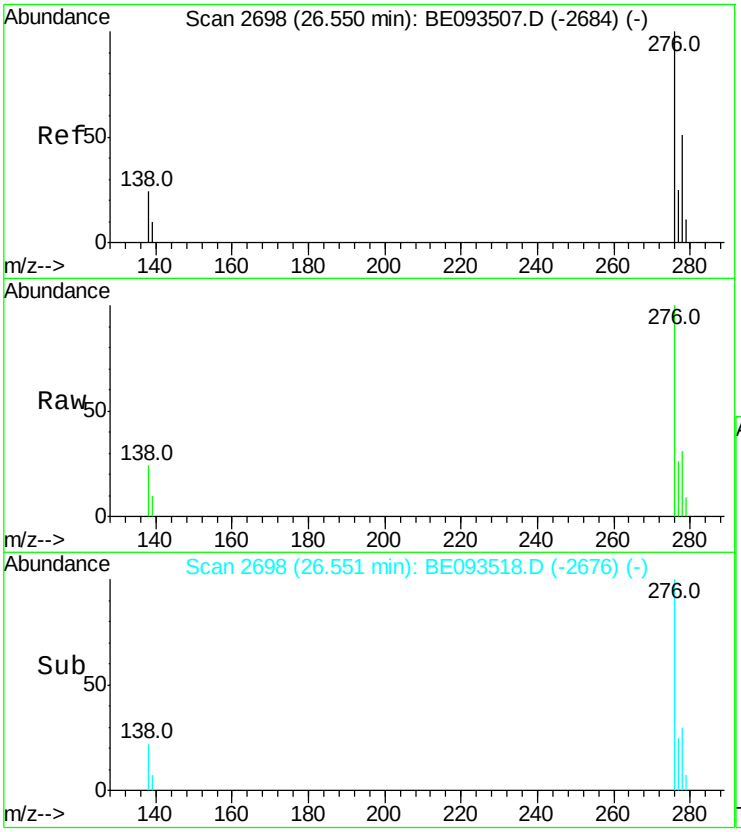


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.32 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:149 Resp: 7051

Ion	Ratio	Lower	Upper
149	100		
167	6.9	4.8	7.2
279	2.2	0.8	1.2#



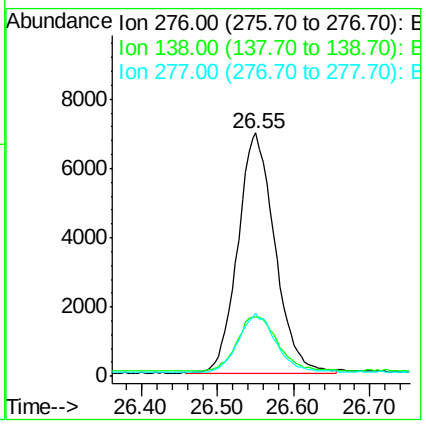


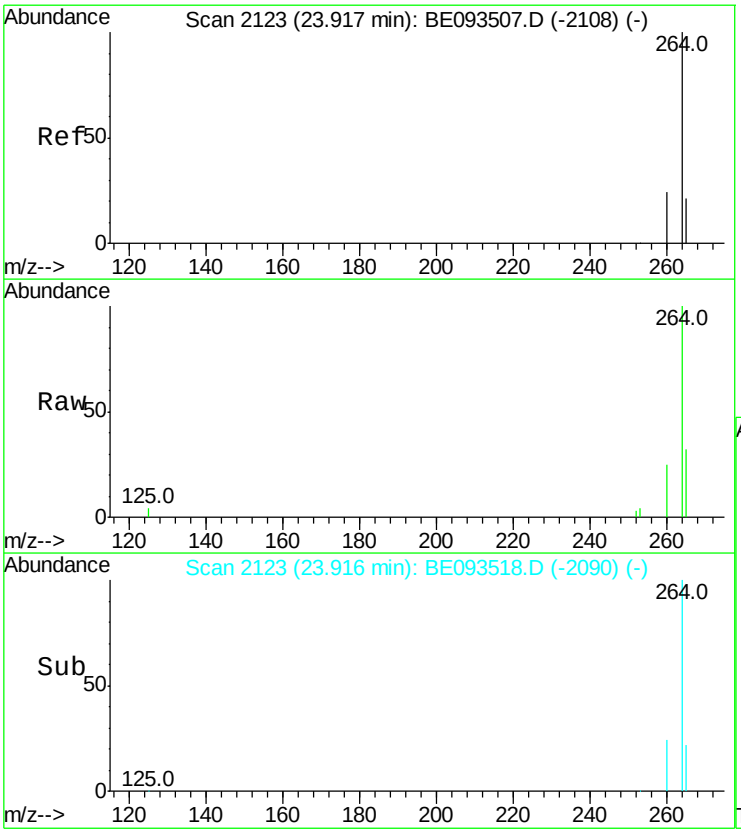
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.245 ng
RT: 26.55 min Scan# 2698
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:276 Resp: 23404

Ion	Ratio	Lower	Upper
276	100		
138	25.3	27.4	41.2#
277	24.4	20.1	30.1

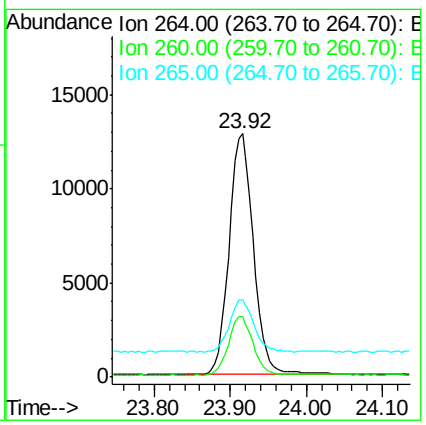


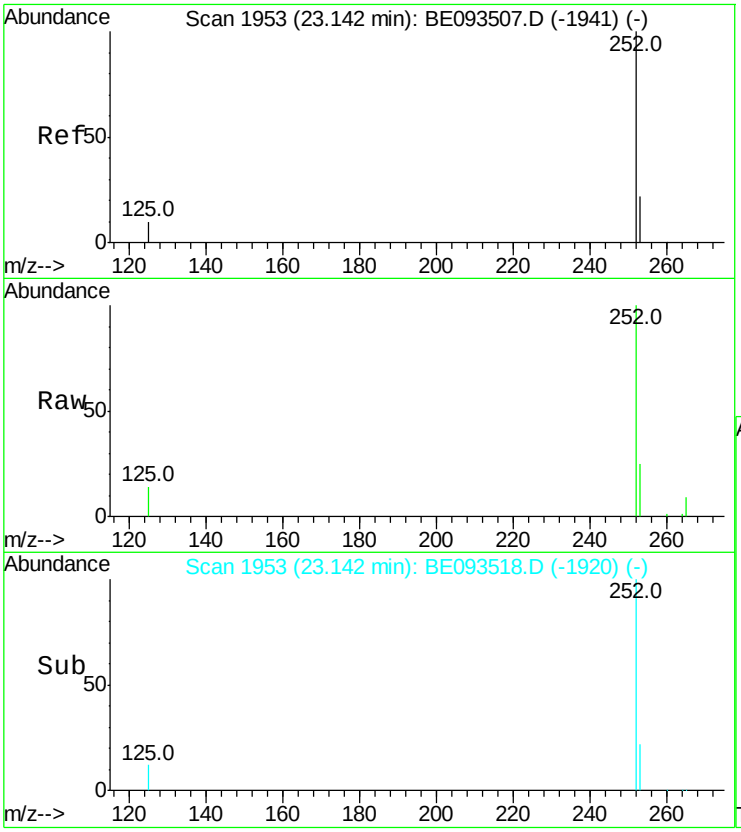


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:264 Resp: 28451

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	31.6	24.6	36.8



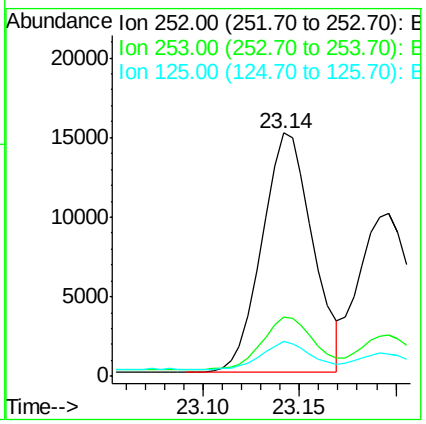


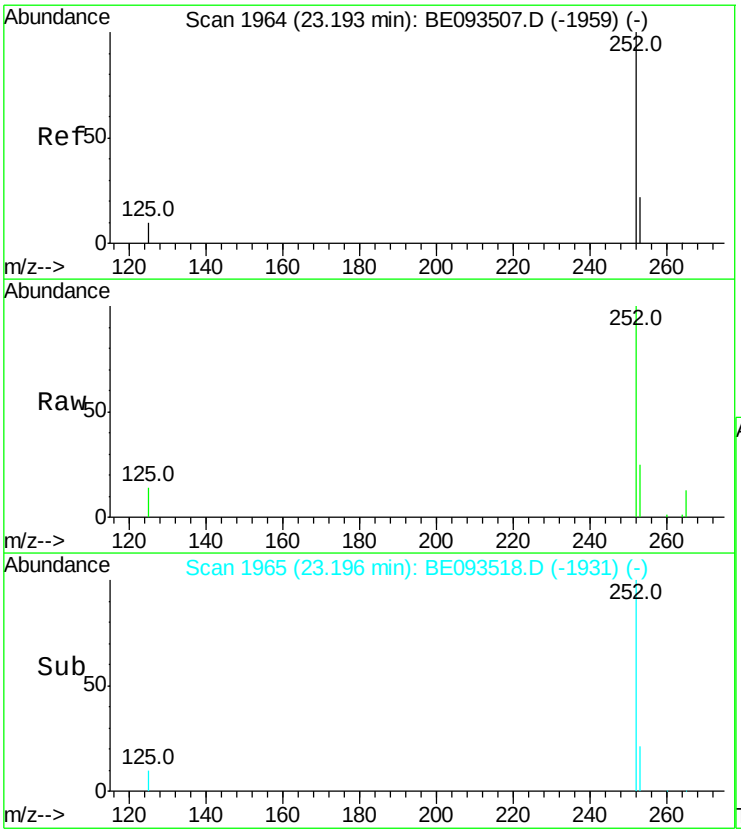
#35
Benzo(b)fluoranthene
Concen: 0.275 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:252 Resp: 27515

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	14.3	13.4	20.0

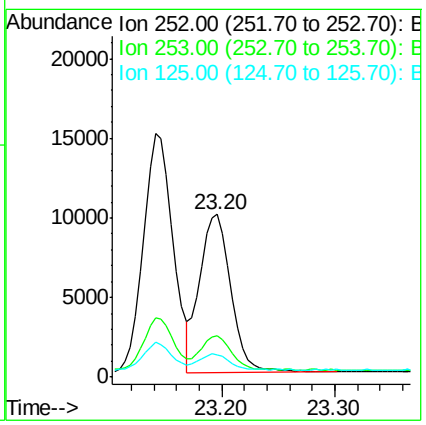


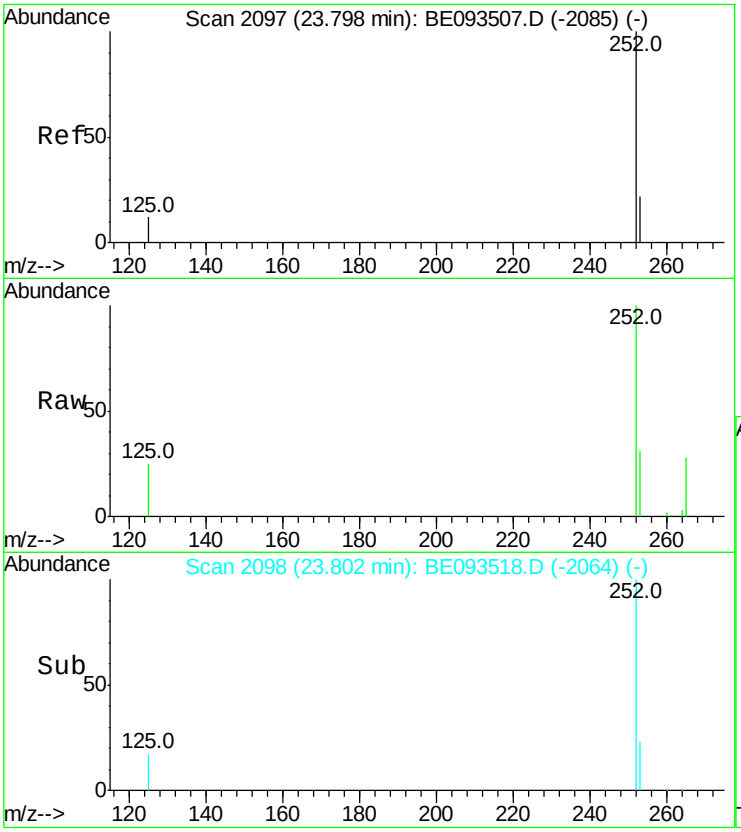


#36
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:252 Resp: 19080

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.3	30.5
125	13.8	12.2	18.4



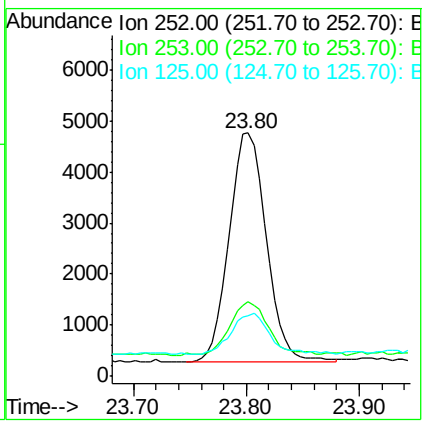


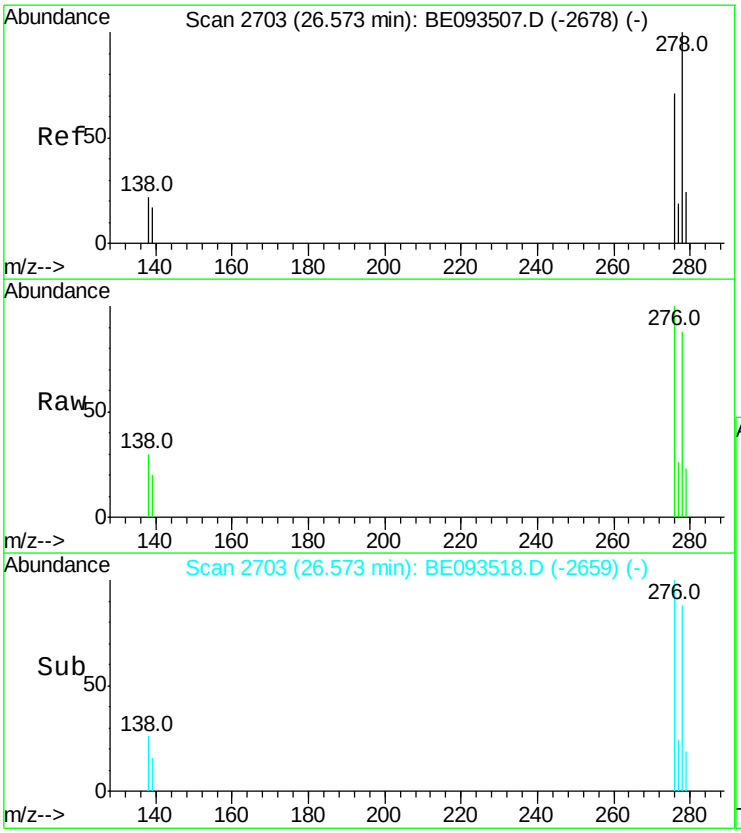
#37
Benzo(a)pyrene
Concen: 0.108 ng
RT: 23.80 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:252 Resp: 10034

Ion	Ratio	Lower	Upper
252	100		
253	30.8	19.9	29.9#
125	25.0	14.6	21.8#

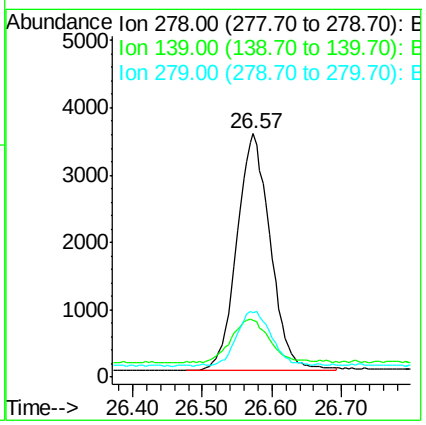


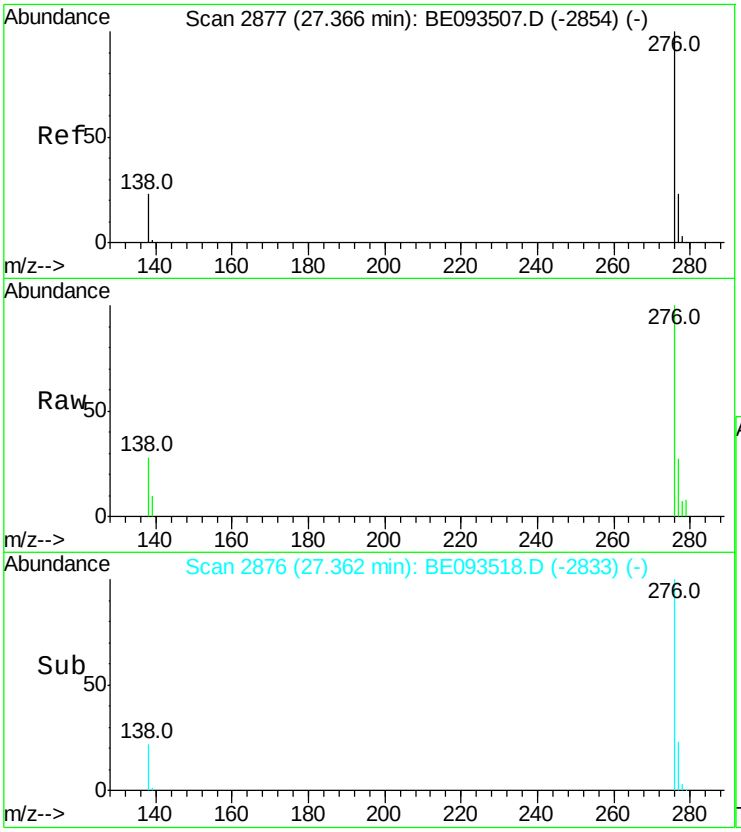


#38
Dibenzo(a,h)anthracene
Concen: 0.134 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:278 Resp: 11769

Ion	Ratio	Lower	Upper
278	100		
139	23.1	21.4	32.0
279	26.4	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.095 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tgt Ion:276 Resp: 8367

Ion	Ratio	Lower	Upper
276	100		
277	26.8	21.2	31.8
138	27.8	24.5	36.7