Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093956.D
Acq On : 11 Sep 2017 10:58
Operator : SJ/JU
Sample : PB102204BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB102204BS

Quant Time: Sep 12 07:39:53 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2242	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10241	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5868	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	13328	0.40	ng		0.00
27) Chrysene-d12	21.43	240	17808	0.40	ng		0.00
34) Perylene-d12	23.94	264	14063	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1941	0.27	ng		0.00
5) Phenol-d6	7.11	99	2583	0.24	ng		0.00
8) Nitrobenzene-d5	9.08	82	2325	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	4512	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	518	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5855	0.25	ng		0.00
25) Fluoranthene-d10	19.29	212	49495	0.25	ng		0.00
29) Terphenyl-d14	19.87	244	9298	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	897	0.290	ng	#	2
3) n-Nitrosodimethylamine	3.75	42	1259	0.348	ng	#	81
6) bis(2-Chloroethyl)ether	7.34	93	2154	0.242	ng		94
9) Naphthalene	10.76	128	29014	0.247	ng		99
10) Hexachlorobutadiene	11.04	225	1087	0.255	ng		98
12) 2-Methylnaphthalene	12.37	142	4928	0.253	ng		98
16) Acenaphthylene	14.24	152	6930	0.237	ng		100
17) Acenaphthene	14.58	154	5009	0.253	ng		98
18) Fluorene	15.58	166	6523	0.255	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	2059	0.231	ng	#	75
21) Hexachlorobenzene	16.58	284	1698	0.216	ng	#	100
22) Pentachlorophenol	16.94	266	821	0.388	ng		97
23) Phenanthrene	17.30	178	13195	0.244	ng	#	100
24) Anthracene	17.40	178	8915	0.220	ng	#	92
26) Fluoranthene	19.32	202	13884	0.234	ng		100
28) Pyrene	19.67	202	14422	0.235	ng		100
30) Benzo(a)anthracene	21.40	228	12672	0.232	ng		97
31) Chrysene	21.46	228	13996	0.242	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	29009	0.218	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	8873	0.230	ng		98
35) Benzo(b)fluoranthene	23.17	252	10611	0.237	ng		98
36) Benzo(k)fluoranthene	23.22	252	13884	0.253	ng		95
37) Benzo(a)pyrene	23.83	252	11187	0.245	ng	#	93
38) Dibenzo(a,h)anthracene	26.63	278	6903	0.228	ng	#	90
39) Benzo(g,h,i)perylene	27.43	276	7940	0.249	ng		97

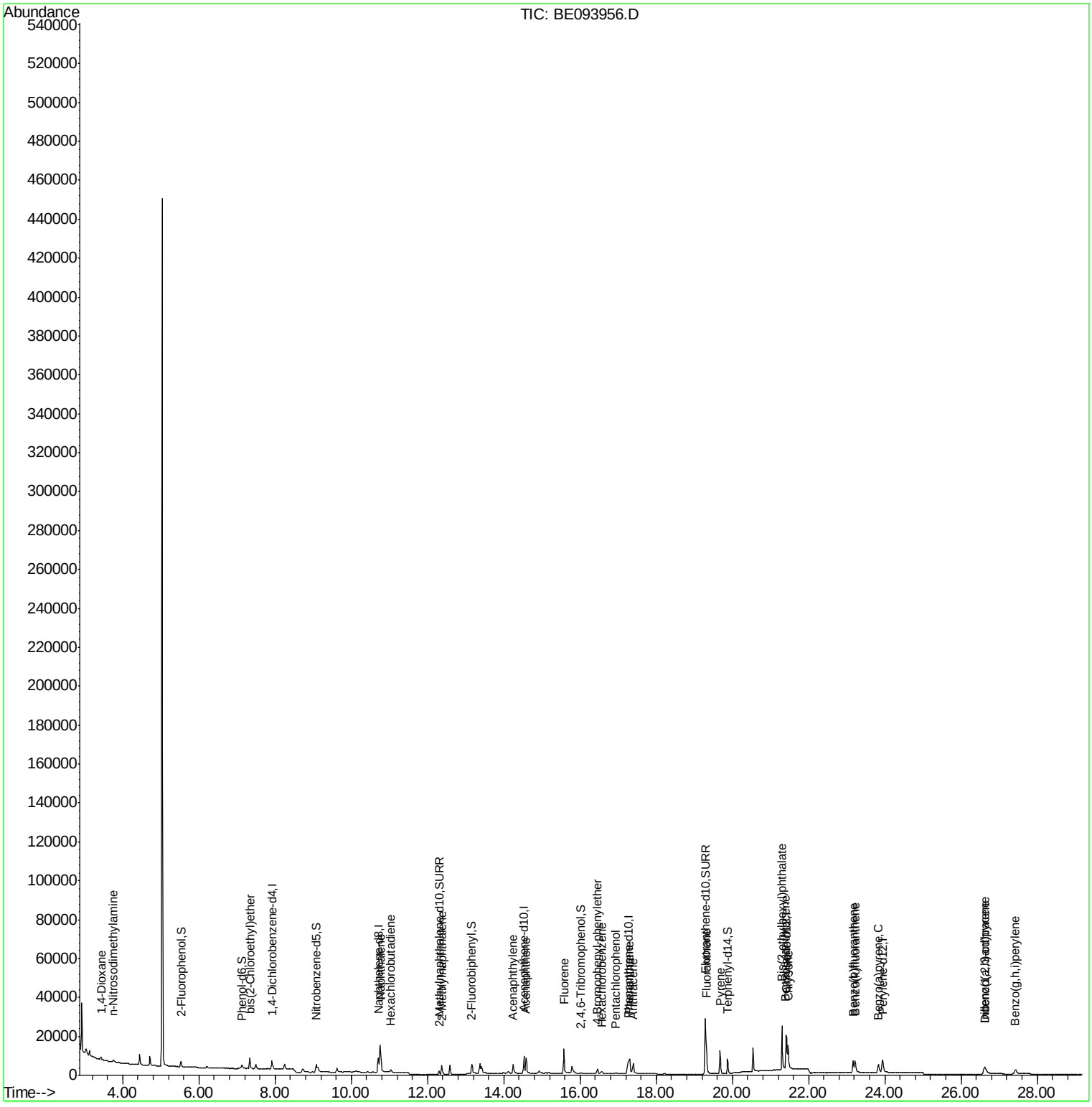
(#) = qualifier out of range (m) = manual integration (+) = signals summed

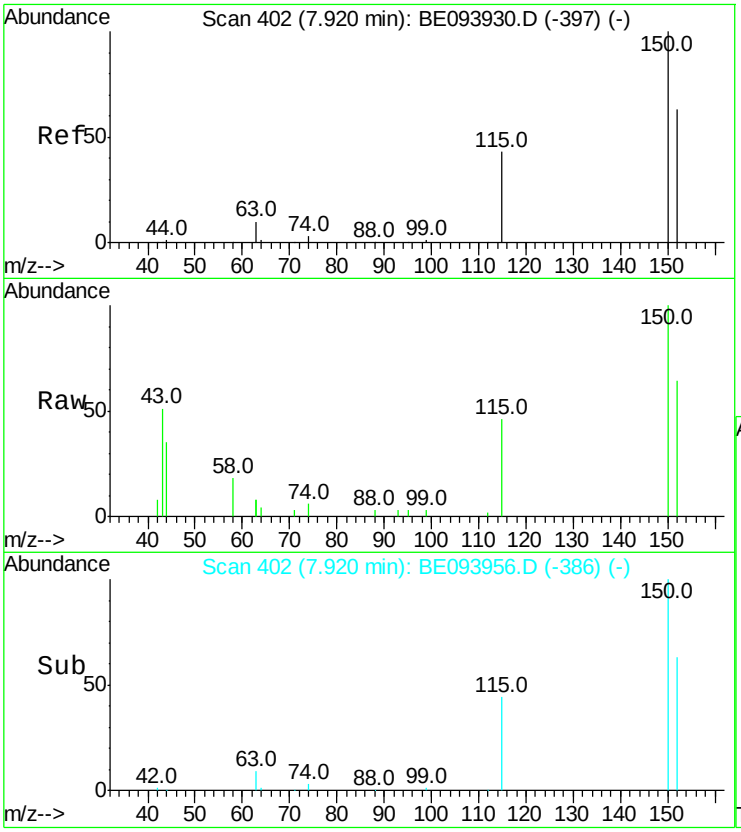
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093956.D
Acq On : 11 Sep 2017 10:58
Operator : SJ/JU
Sample : PB102204BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Quant Time: Sep 12 07:39:53 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



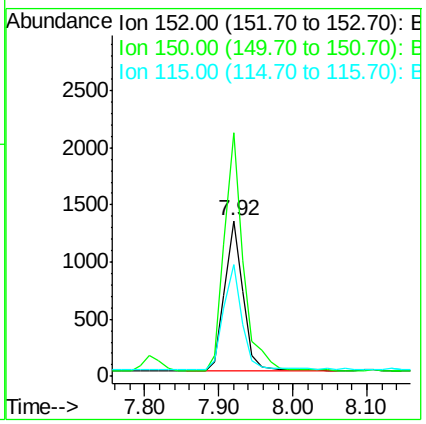


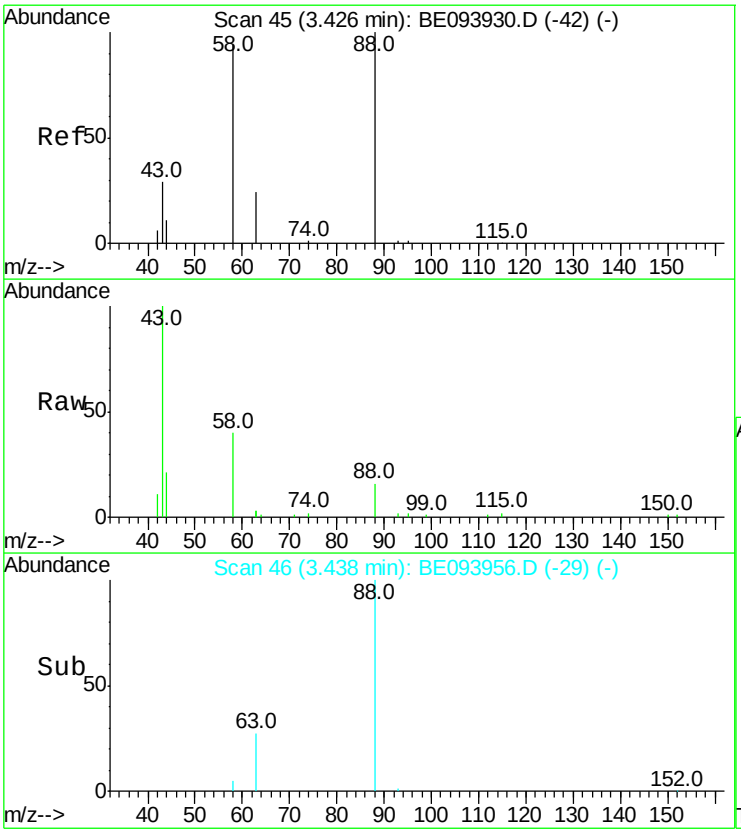
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:152 Resp: 2242

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.8	182.6
115	71.8	52.6	79.0

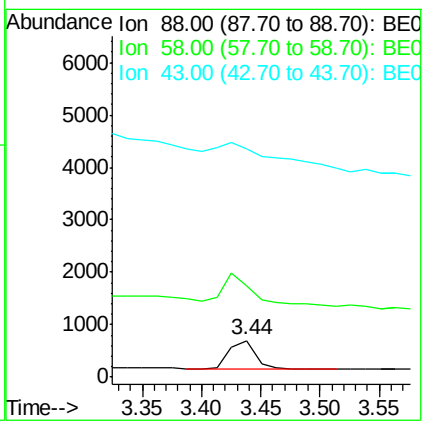


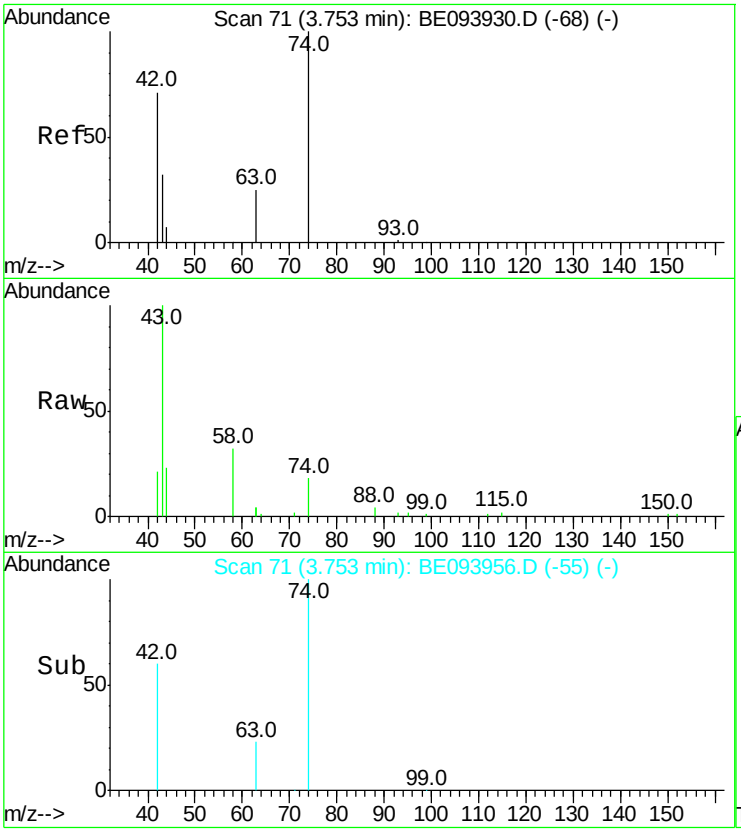


#2
1,4-Dioxane
Concen: 0.290 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion: 88 Resp: 897

Ion	Ratio	Lower	Upper
88	100		
58	183.2	65.4	98.0#
43	0.0	23.9	35.9#



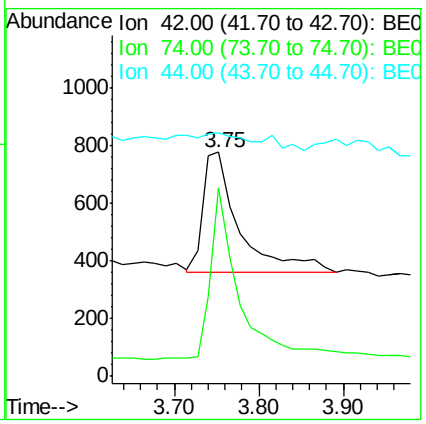


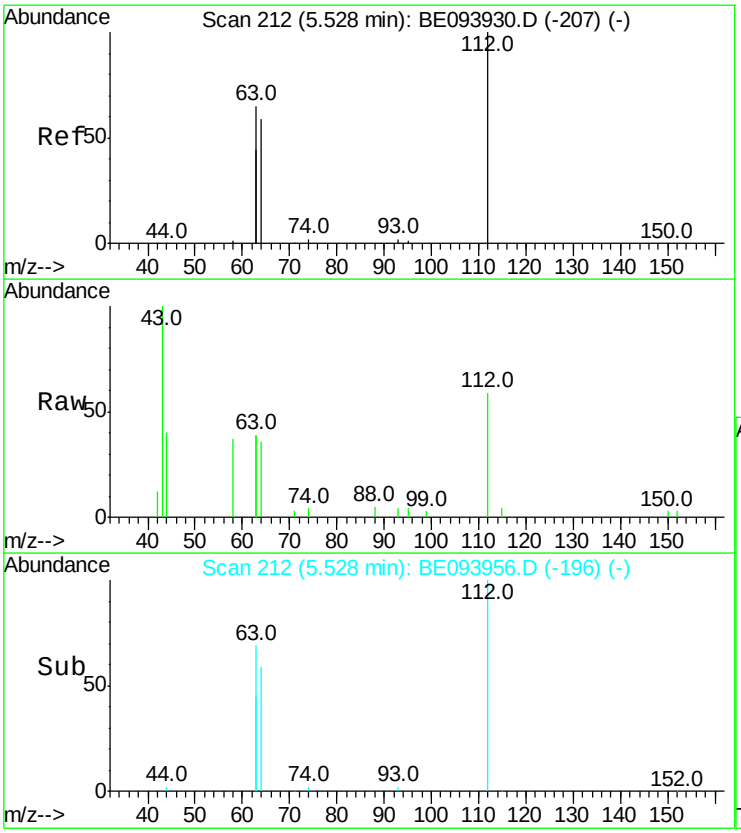
#3
n-Nitrosodimethylamine
Concen: 0.348 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion: 42 Resp: 1259

Ion	Ratio	Lower	Upper
42	100		
74	111.6	104.0	156.0
44	0.0	13.8	20.8#

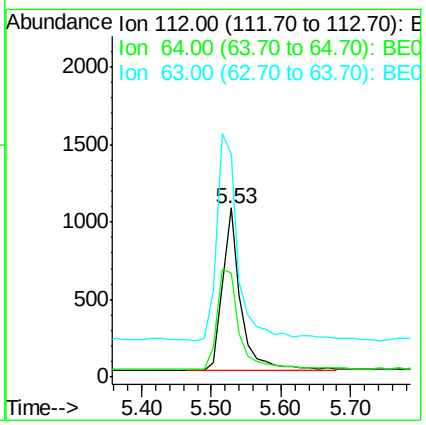


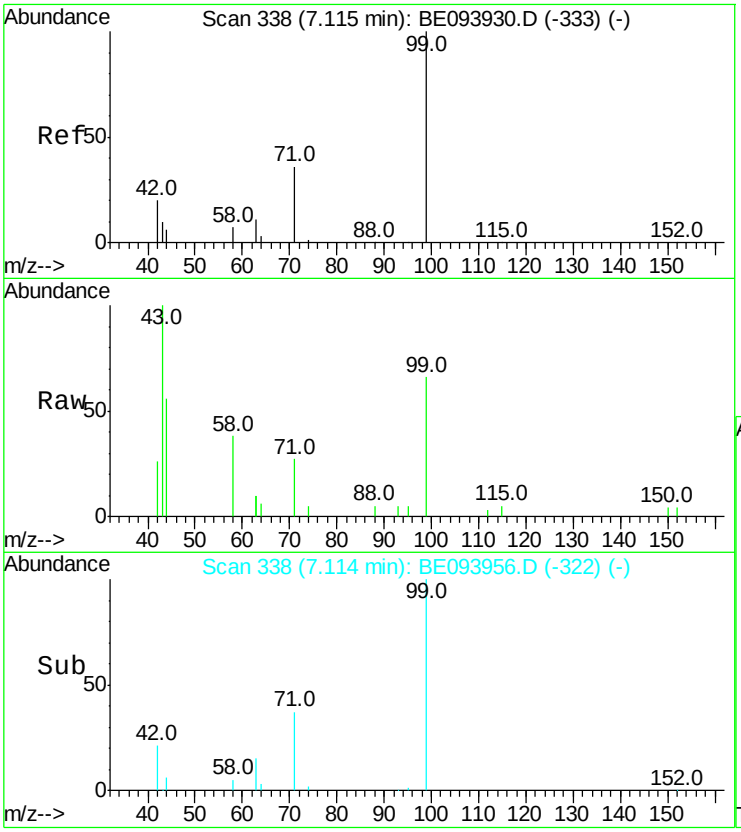


#4
2-Fluorophenol
Concen: 0.268 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:112 Resp: 1941

Ion	Ratio	Lower	Upper
112	100		
64	74.6	57.7	86.5
63	147.6	116.0	174.0



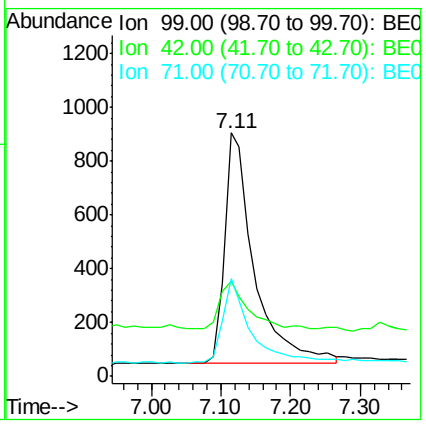


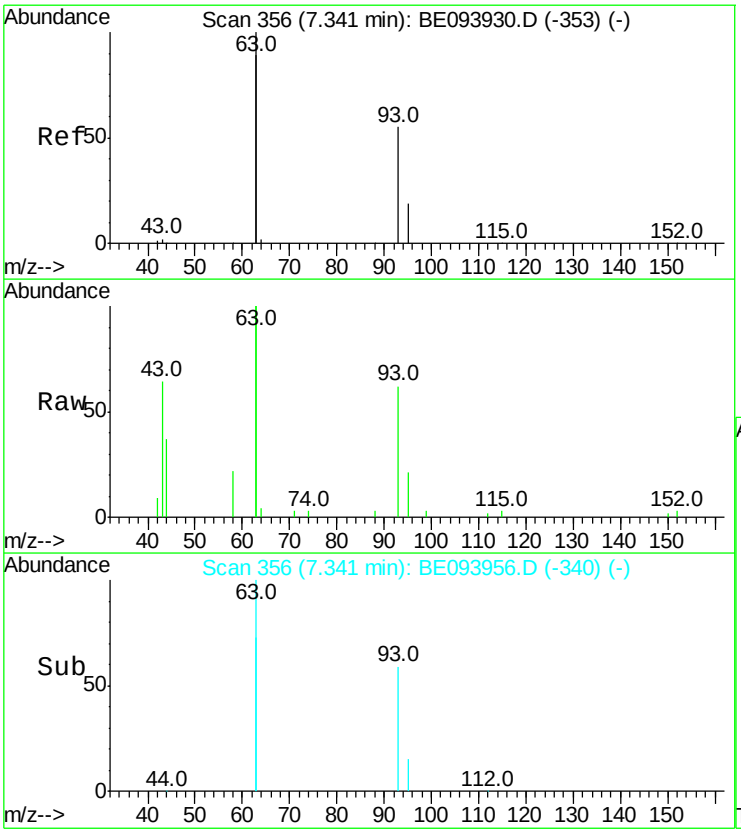
#5
Phenol-d6
Concen: 0.237 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion: 99 Resp: 2583

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.1	25.7
71	34.1	26.6	39.8

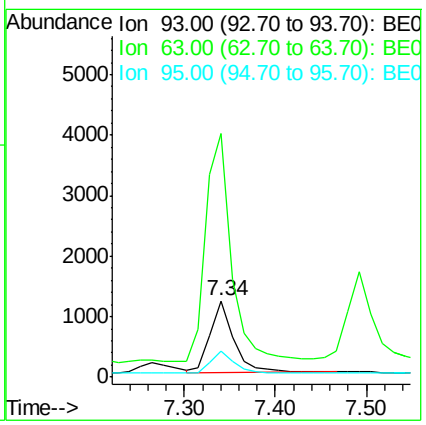


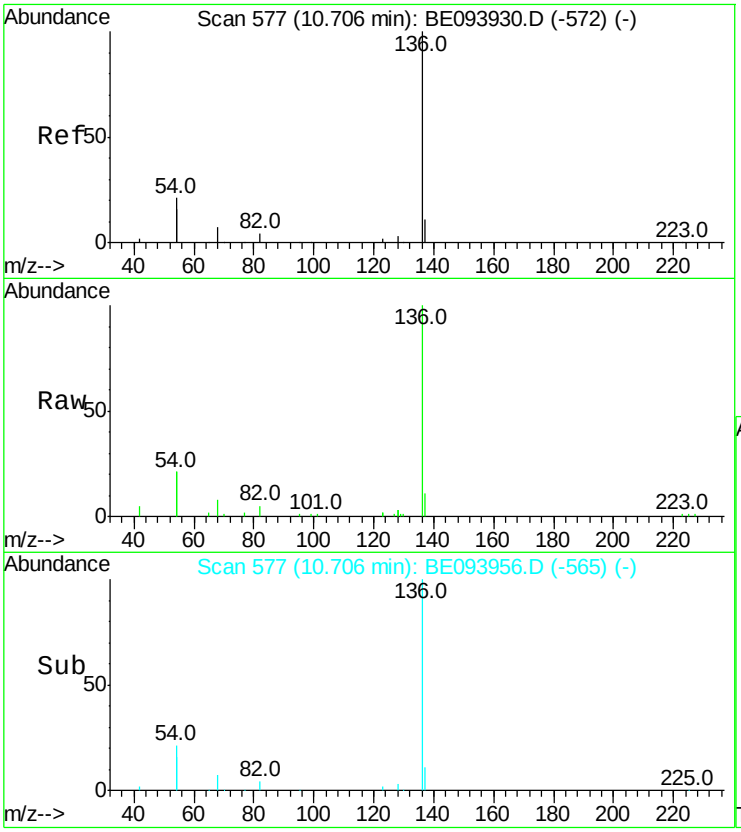


#6
bis(2-Chloroethyl)ether
Concen: 0.242 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion: 93 Resp: 2154

Ion	Ratio	Lower	Upper
93	100		
63	341.2	283.4	425.2
95	30.9	26.9	40.3



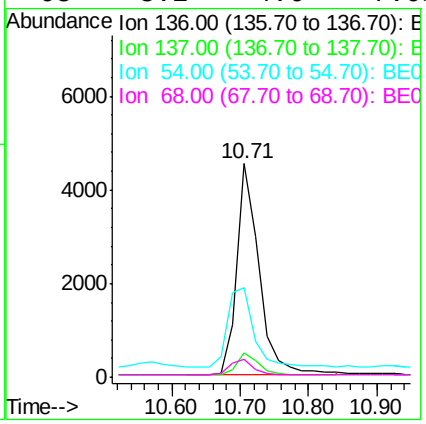


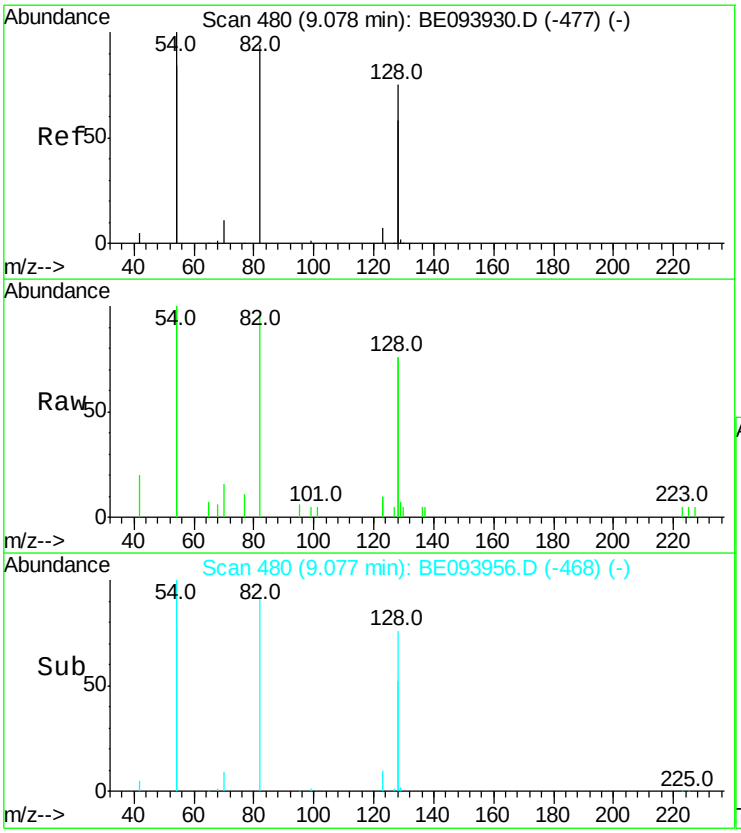
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:136 Resp: 10241

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	41.8	21.9	32.9#
68	8.2	4.6	7.0#

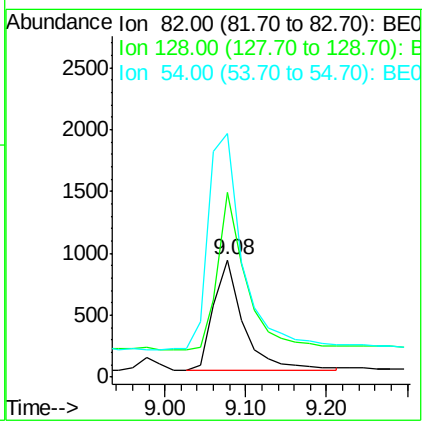


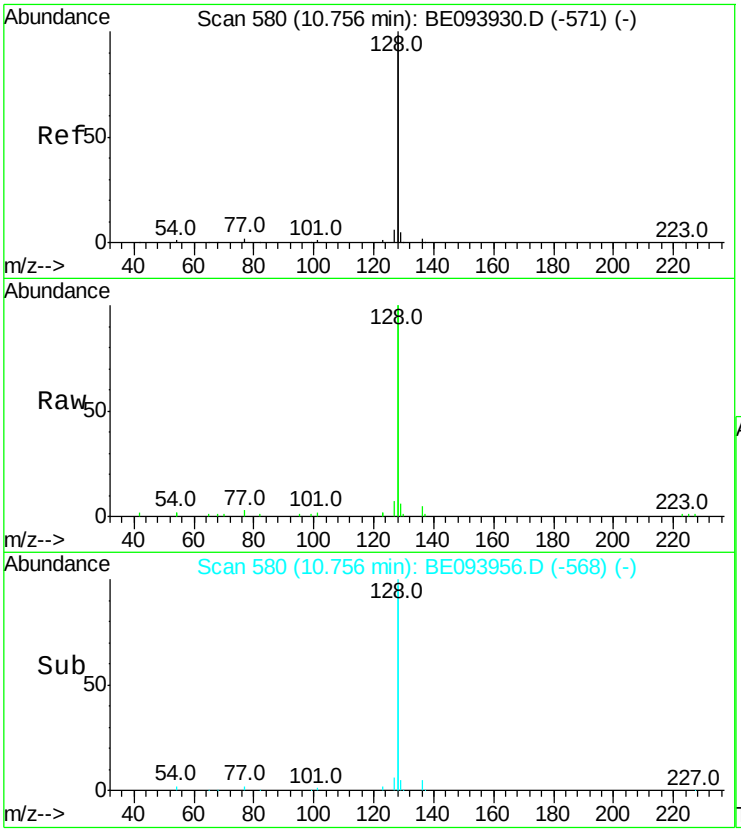


#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion: 82 Resp: 2325

Ion	Ratio	Lower	Upper
82	100		
128	157.0	91.4	137.0#
54	207.4	197.8	296.8



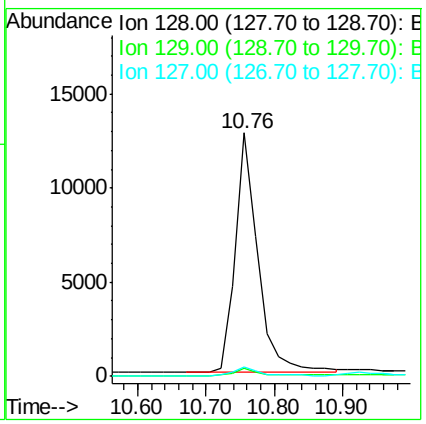


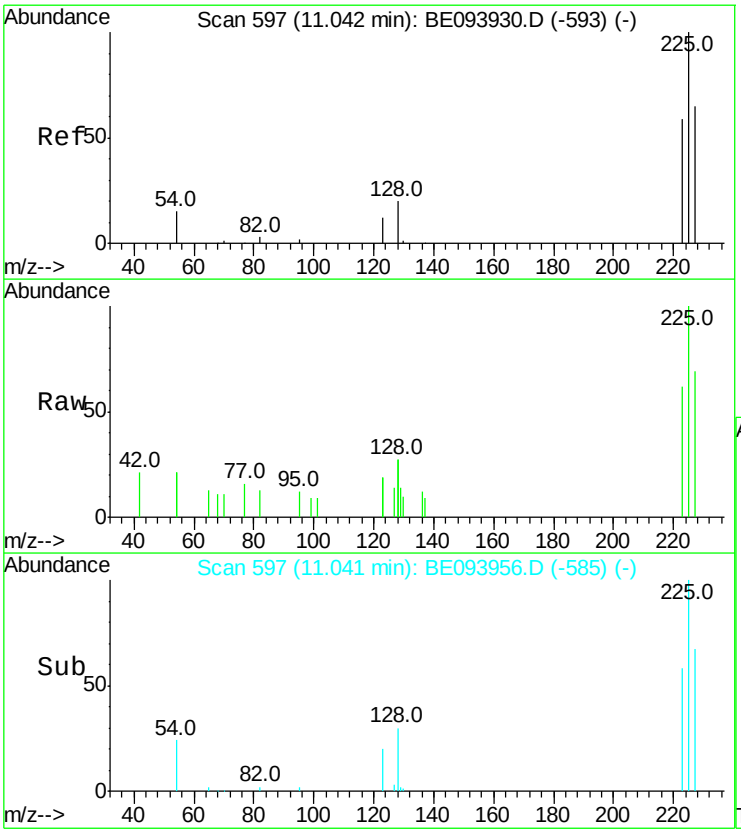
#9
Naphthalene
Concen: 0.247 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:128 Resp: 29014

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.6	2.6	4.0

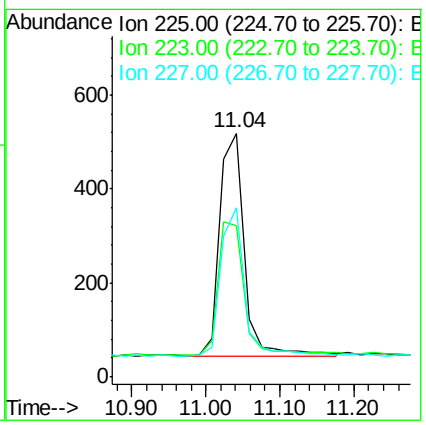


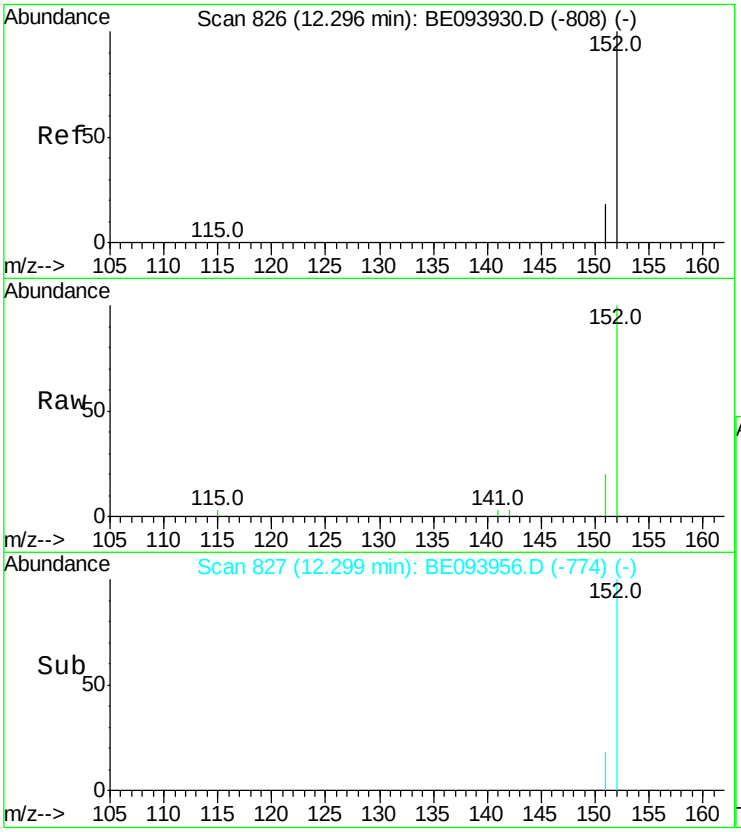


#10
Hexachlorobutadiene
Concen: 0.255 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:225 Resp: 1087

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	64.4	50.5	75.7



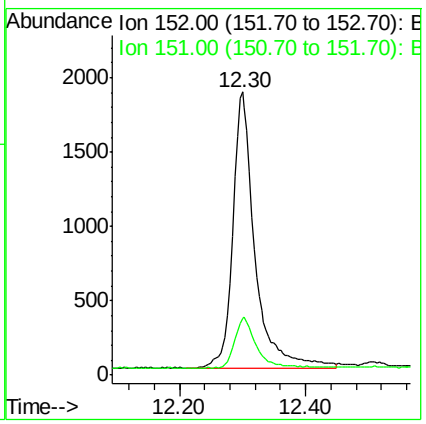


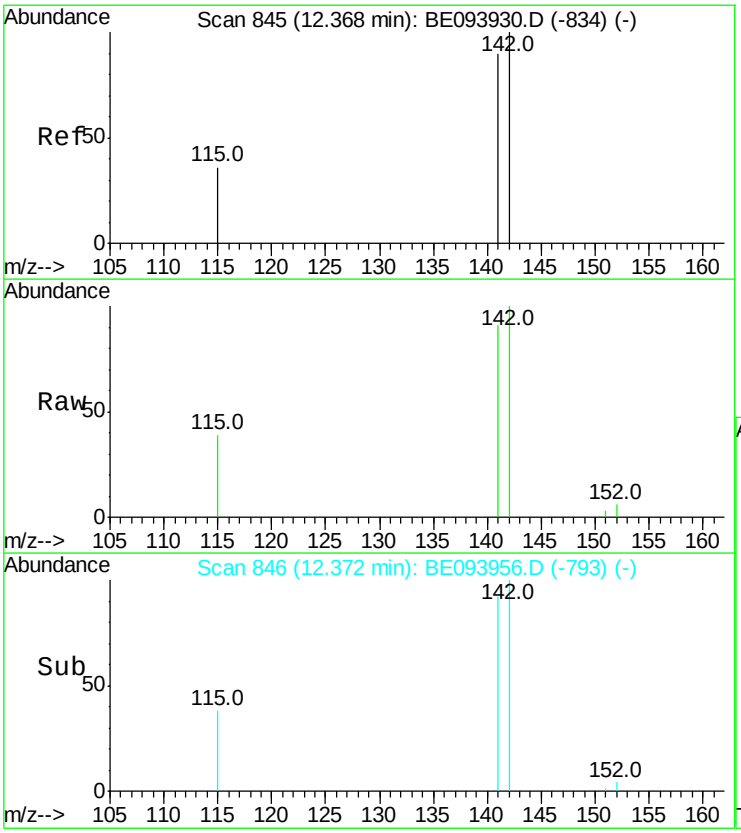
#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:152 Resp: 4512

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.4	23.0

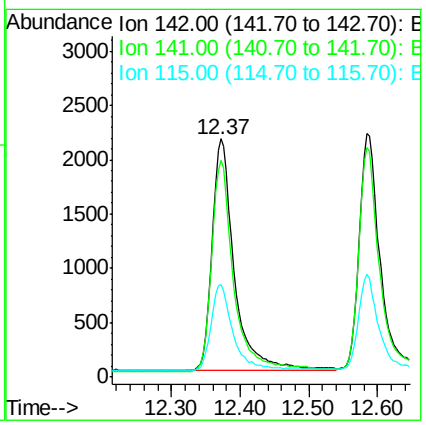


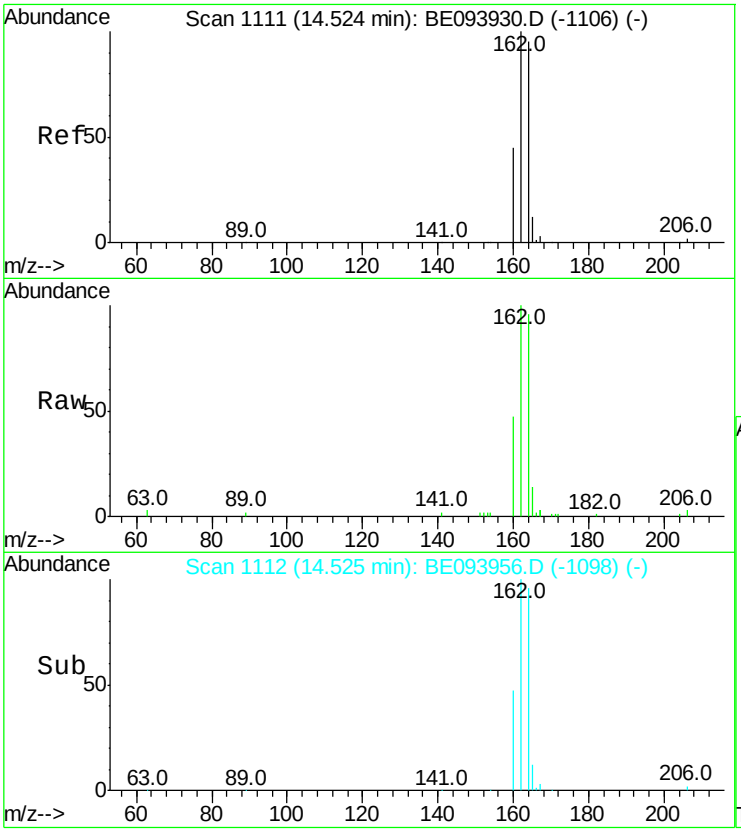


#12
2-Methylnaphthalene
Concen: 0.253 ng
RT: 12.37 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:142 Resp: 4928

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.4	107.2
115	38.9	29.4	44.0



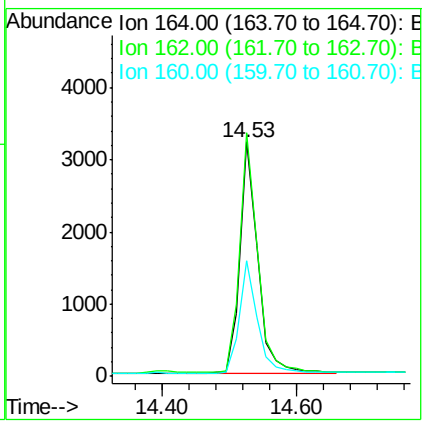


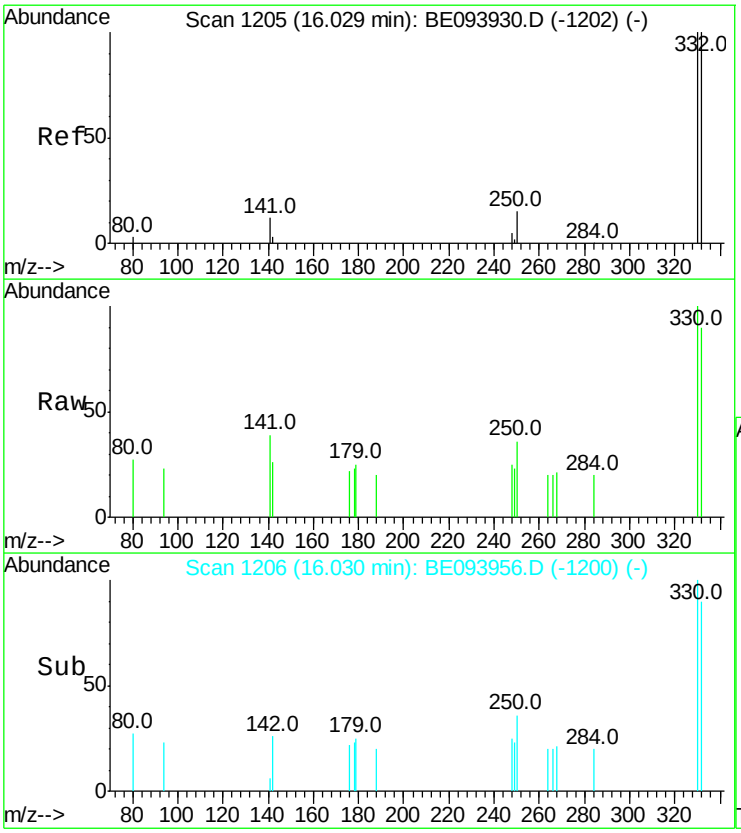
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:164 Resp: 5868

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.8	121.2
160	49.4	37.0	55.4

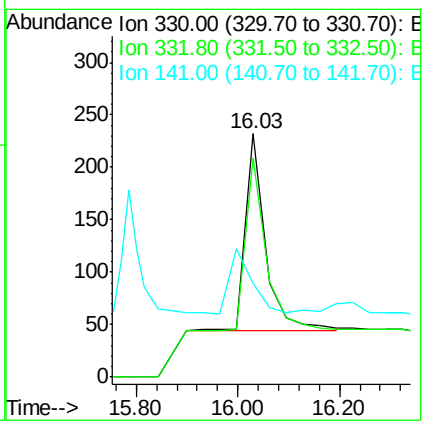


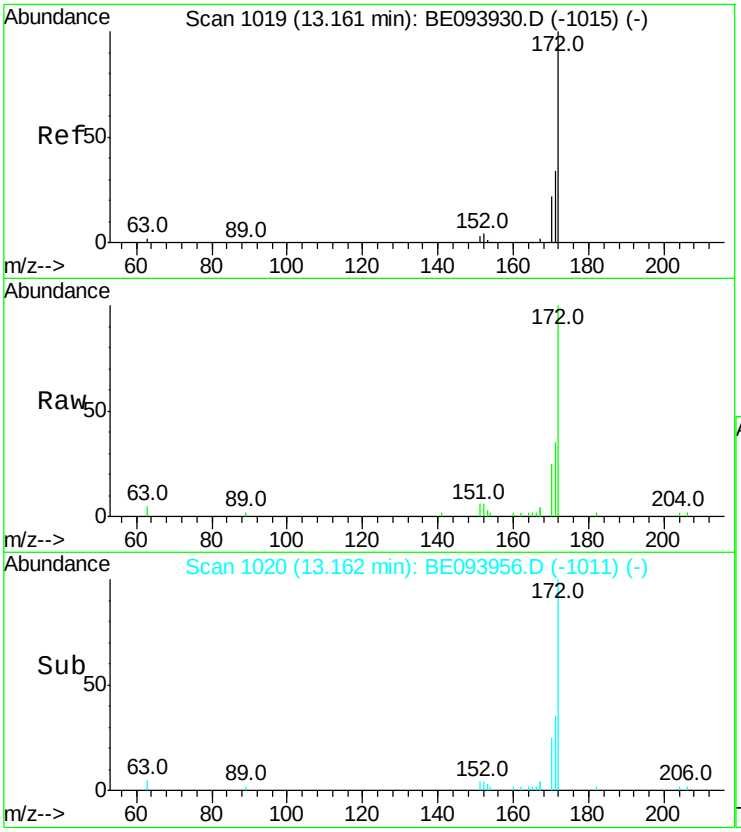


#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:330 Resp: 518

Ion	Ratio	Lower	Upper
330	100		
332	89.6	76.9	115.3
141	0.0	0.0	0.0



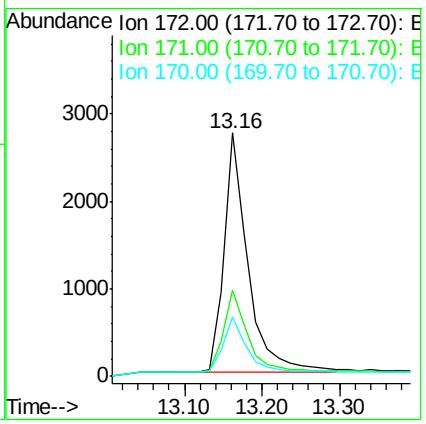


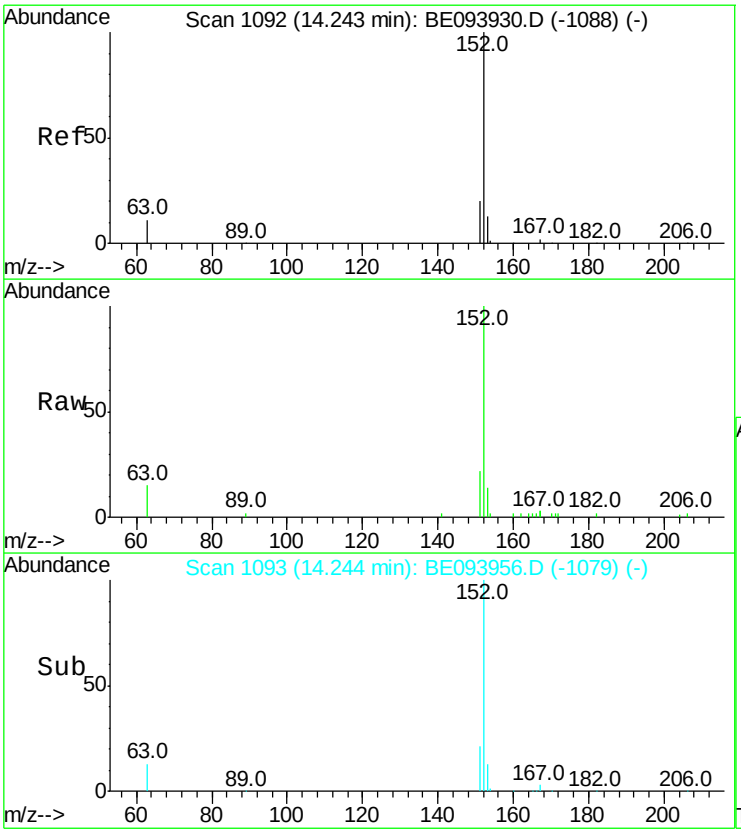
#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:172 Resp: 5855

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.9	40.3
170	24.5	17.3	25.9

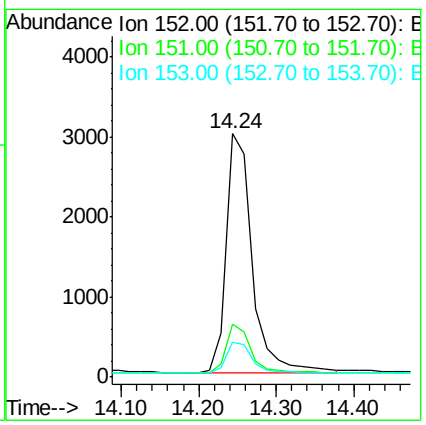


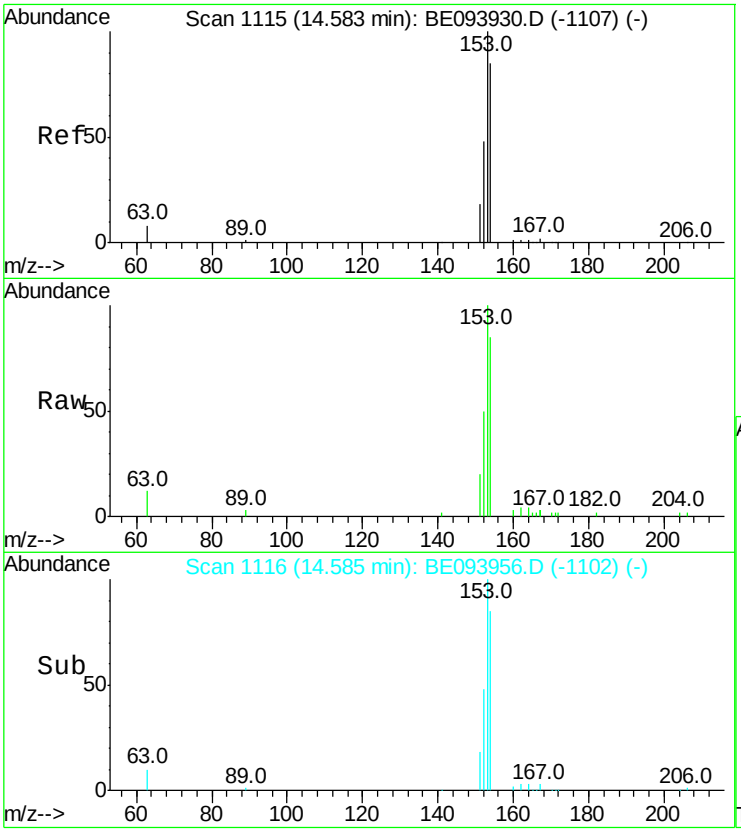


#16
Acenaphthylene
Concen: 0.237 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:152 Resp: 6930

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.6	16.0



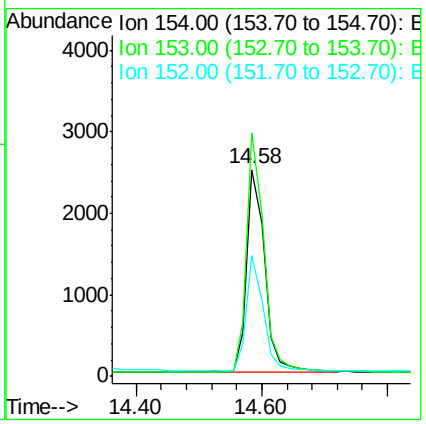


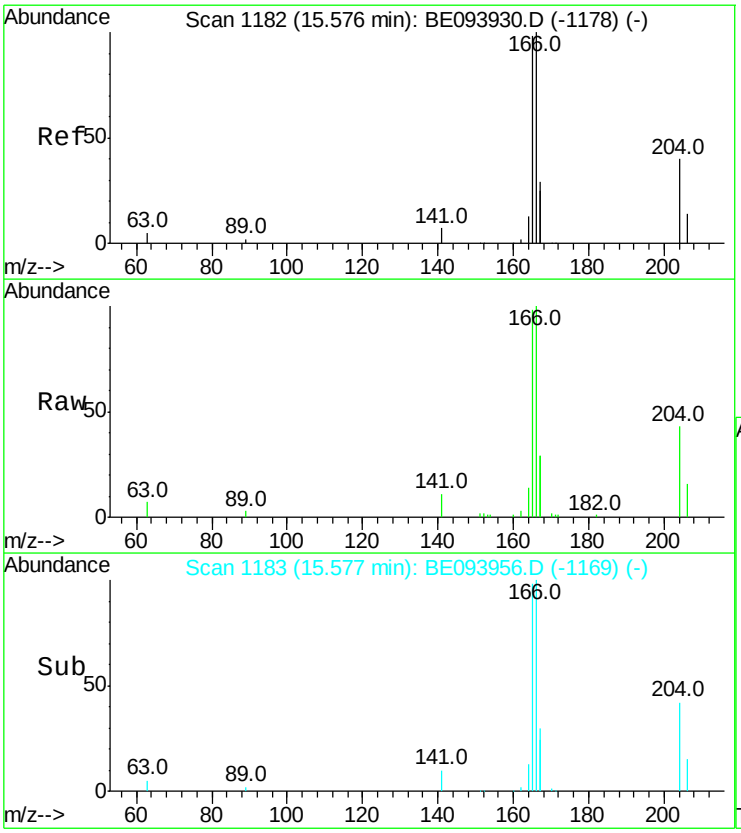
#17
Acenaphthene
Concen: 0.253 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:154 Resp: 5009

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.8	137.6
152	53.8	44.9	67.3

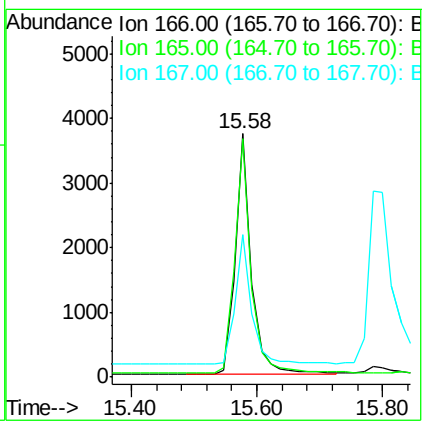


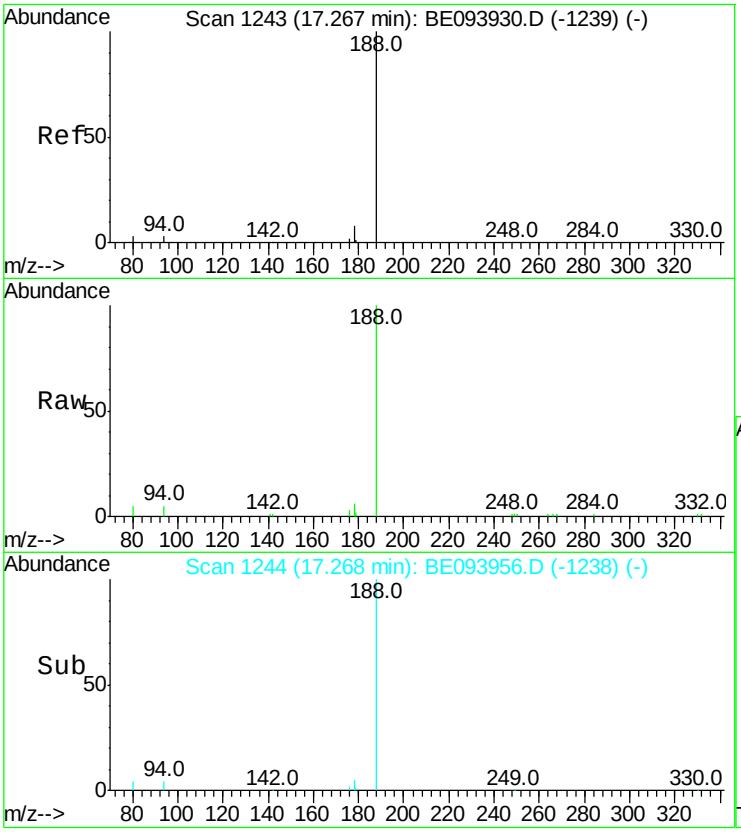


#18
Fluorene
Concen: 0.255 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:166 Resp: 6523

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.4	119.0
167	55.4	43.5	65.3



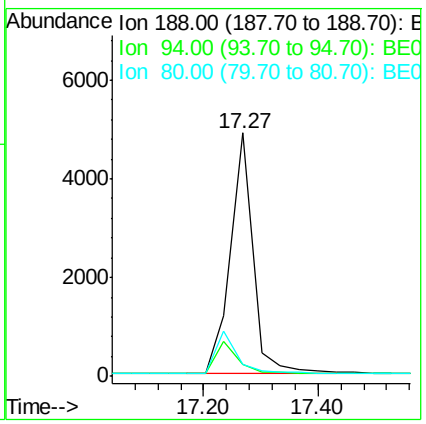


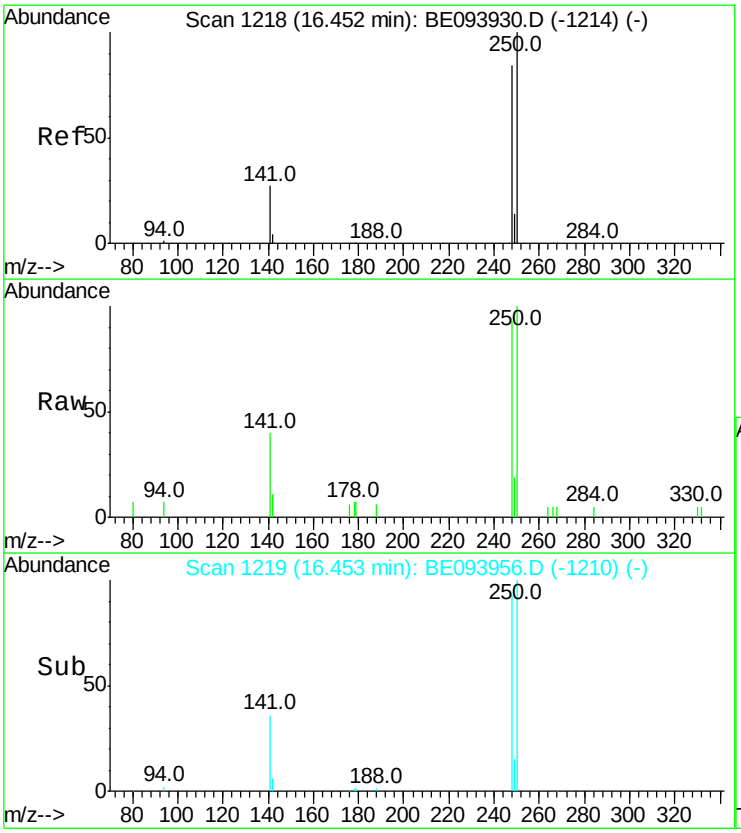
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:188 Resp: 13328

Ion	Ratio	Lower	Upper
188	100		
94	4.9	16.1	24.1#
80	5.1	18.2	27.2#

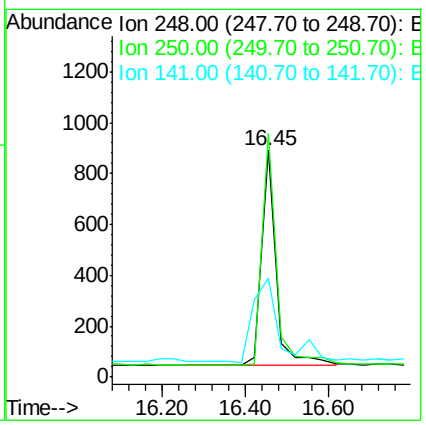


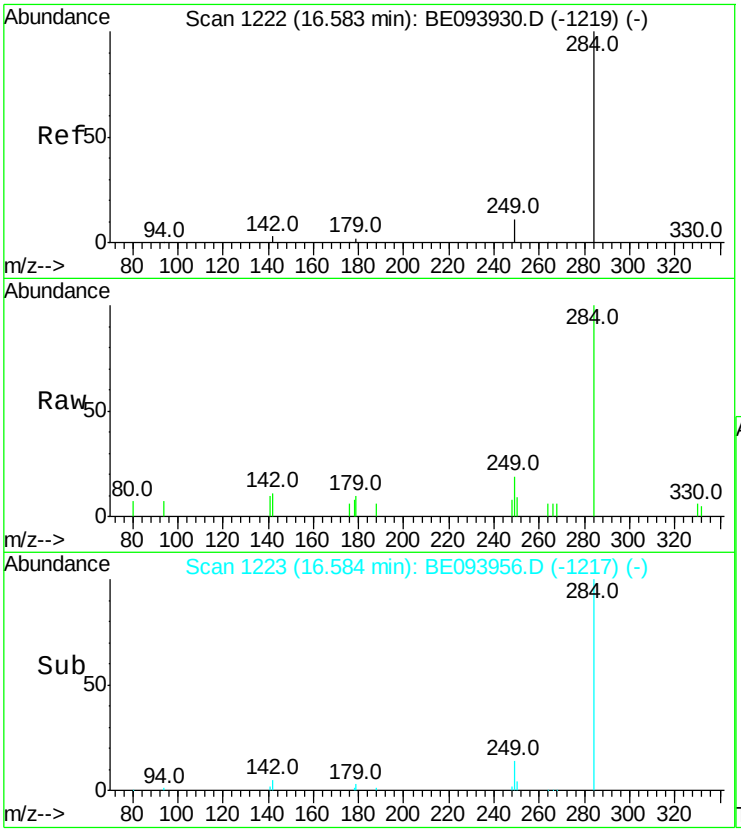


#20
4-Bromophenyl-phenylether
Concen: 0.231 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:248 Resp: 2059

Ion	Ratio	Lower	Upper
248	100		
250	107.5	111.8	167.8#
141	43.5	27.1	40.7#



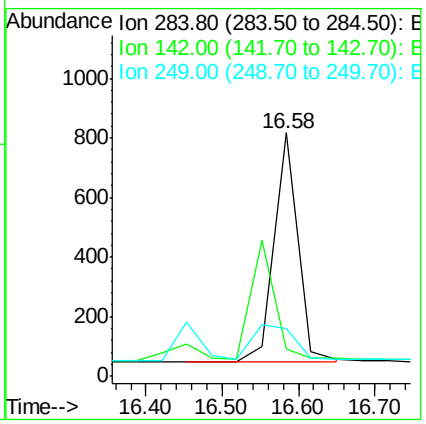


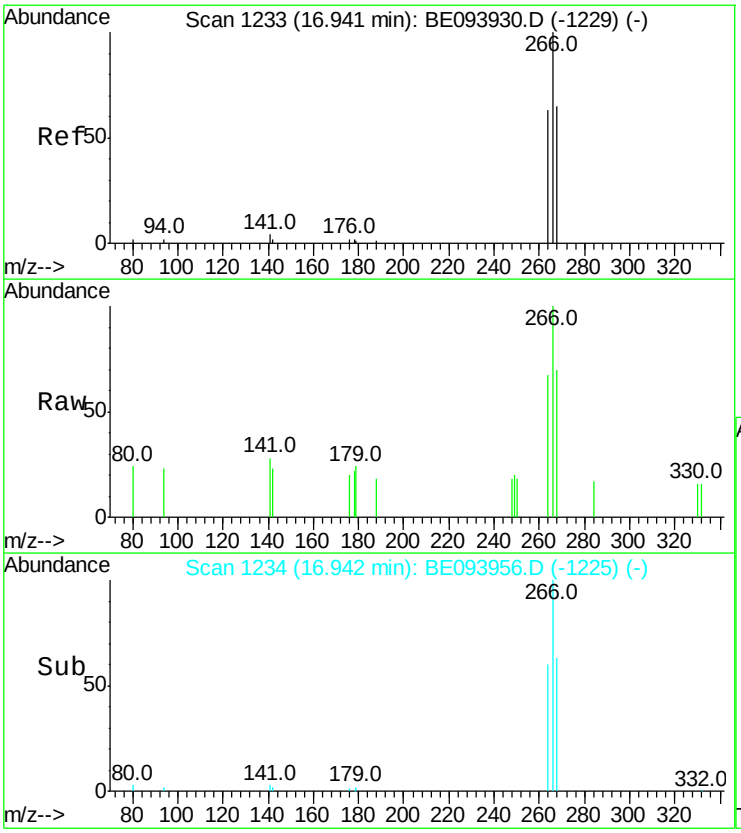
#21
Hexachlorobenzene
Concen: 0.216 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:284 Resp: 1698

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

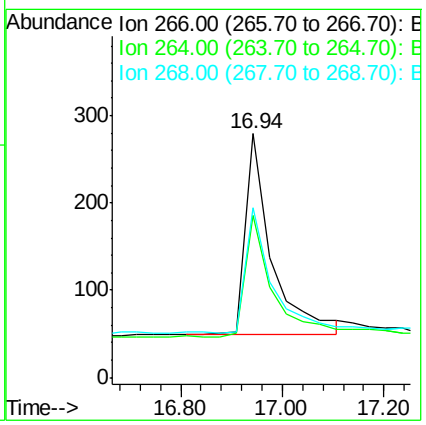


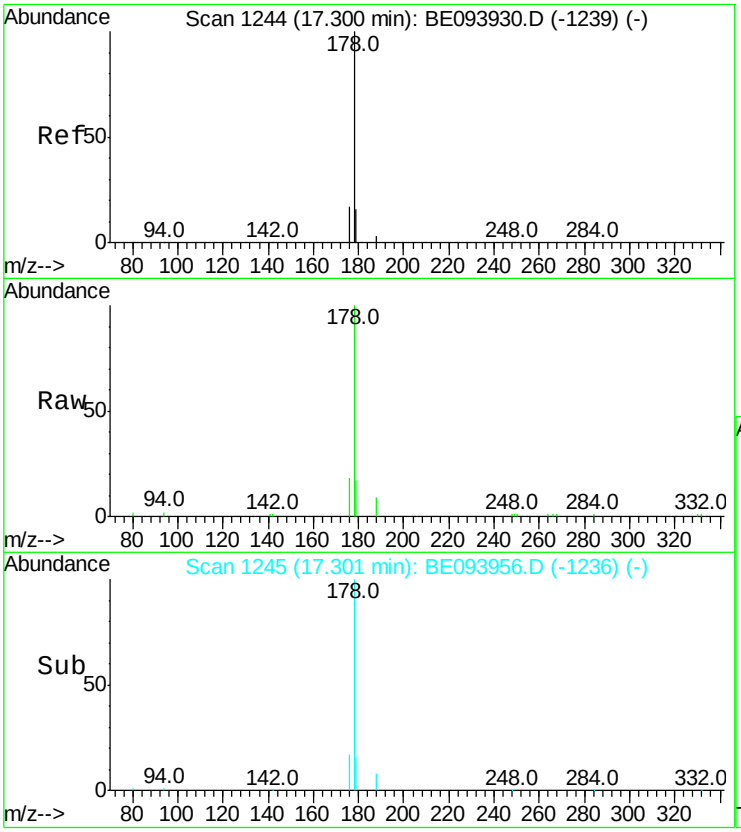


#22
Pentachlorophenol
Concen: 0.388 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:266 Resp: 821

Ion	Ratio	Lower	Upper
266	100		
264	66.7	53.5	80.3
268	69.9	60.0	90.0



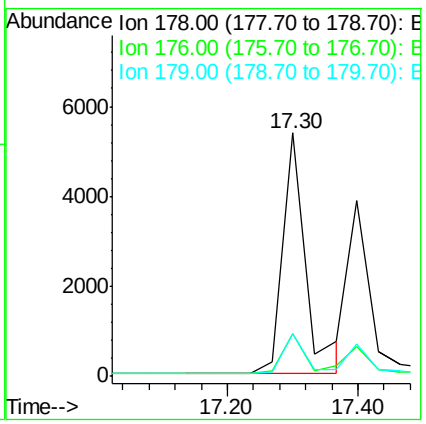


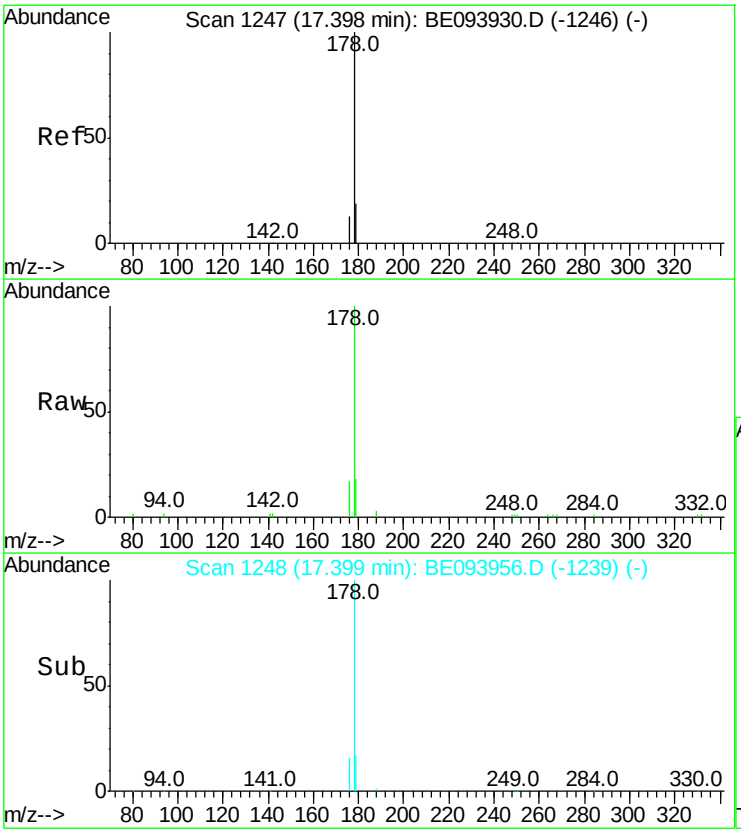
#23
Phenanthrene
Concen: 0.244 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:178 Resp: 13195

Ion	Ratio	Lower	Upper
178	100		
176	18.1	0.0	0.0#
179	15.8	12.6	18.8

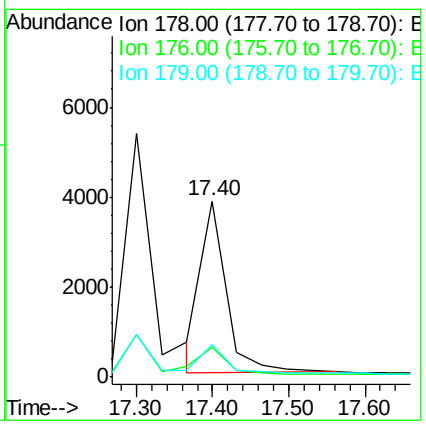


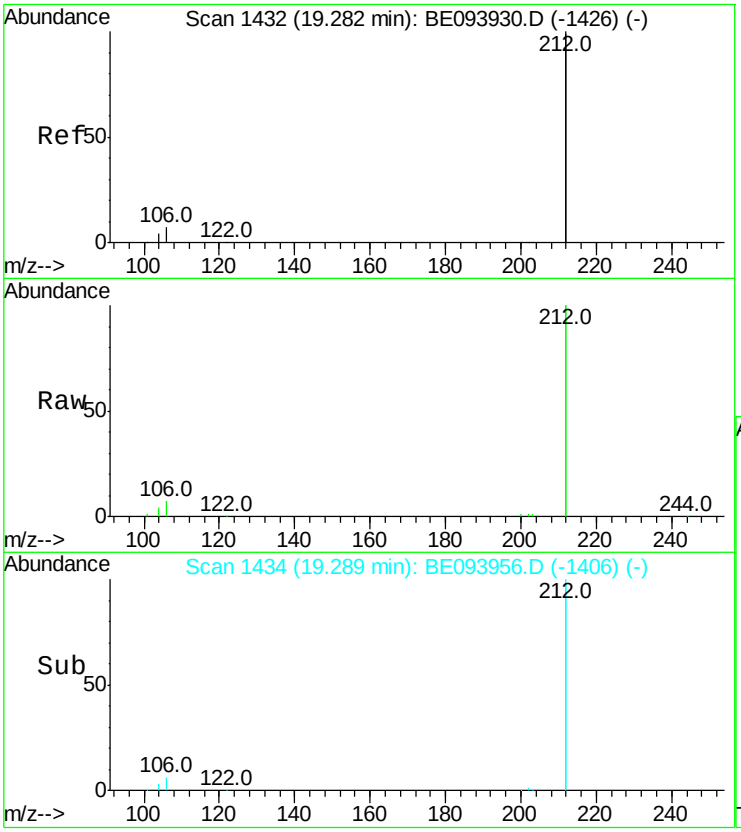


#24
Anthracene
Concen: 0.220 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:178 Resp: 8915

Ion	Ratio	Lower	Upper
178	100		
176	16.5	16.0	24.0
179	16.8	0.0	0.0#



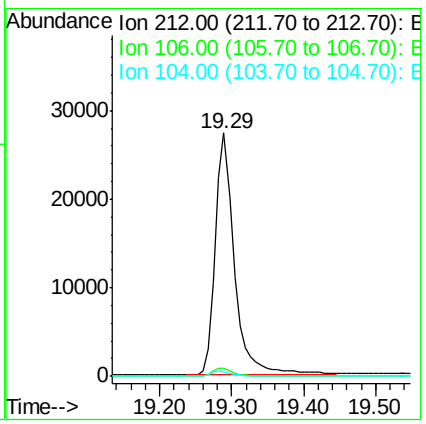


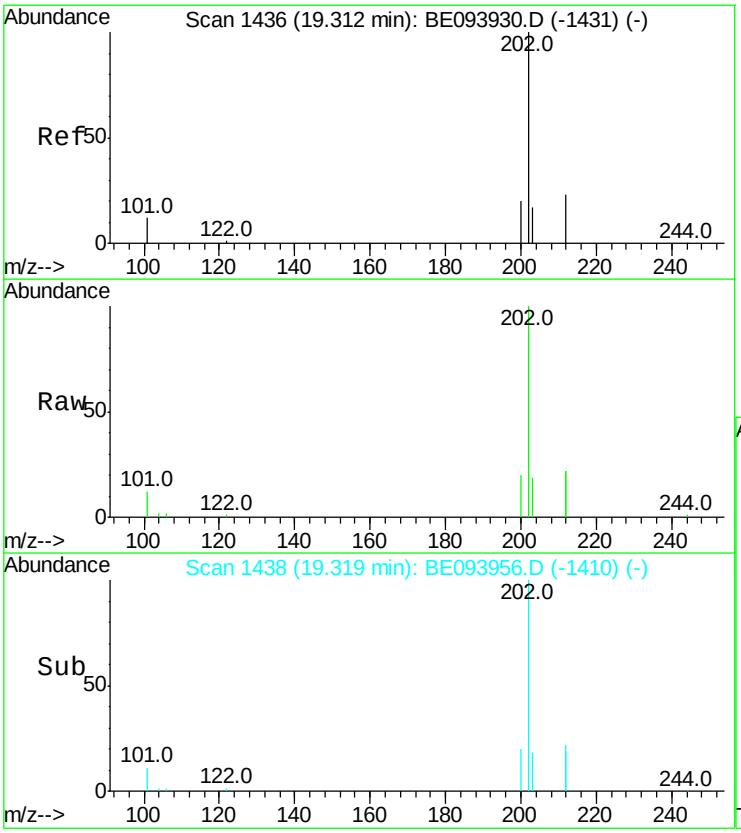
#25
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:212 Resp: 49495

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.7	4.1
104	2.0	1.6	2.4

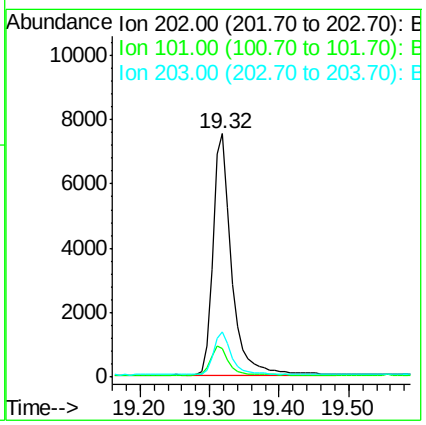


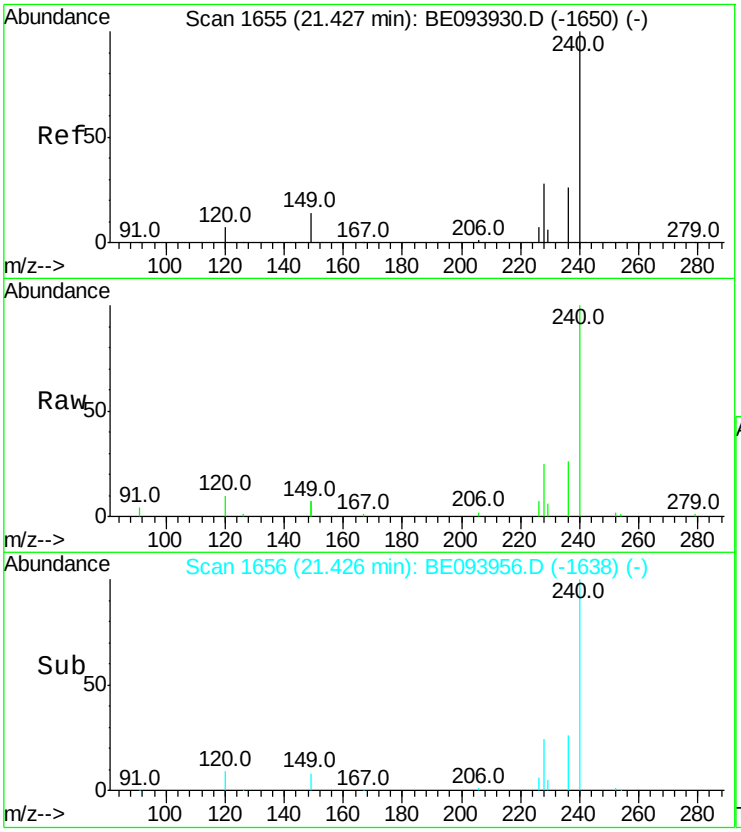


#26
Fluoranthene
Concen: 0.234 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:202 Resp: 13884

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.0	13.7	20.5



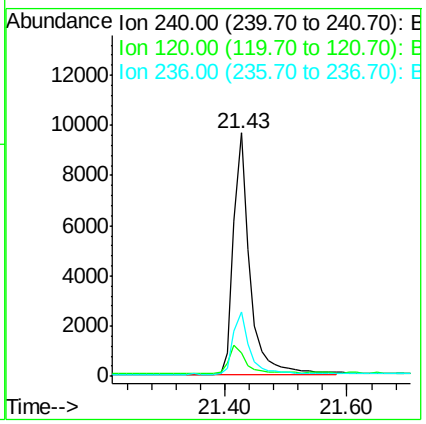


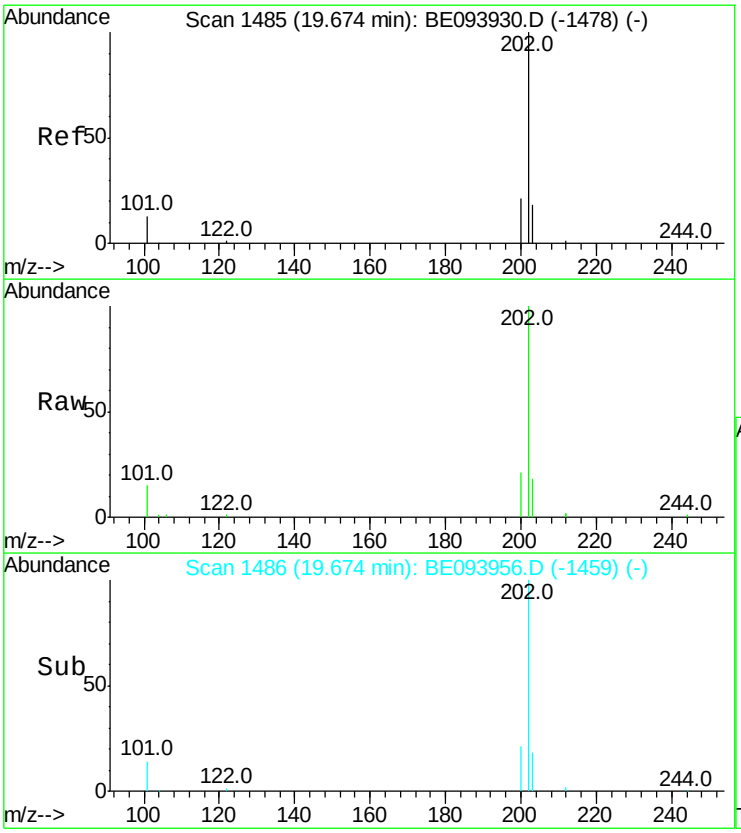
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:240 Resp: 17808

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.7	13.1
236	26.5	21.3	31.9

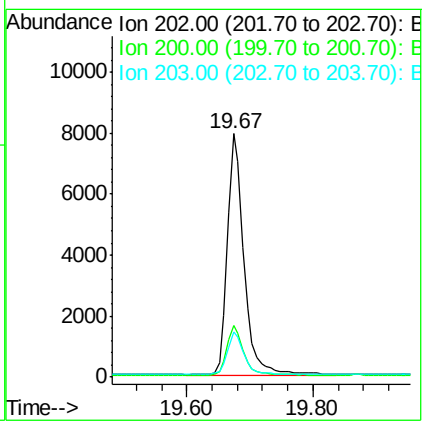


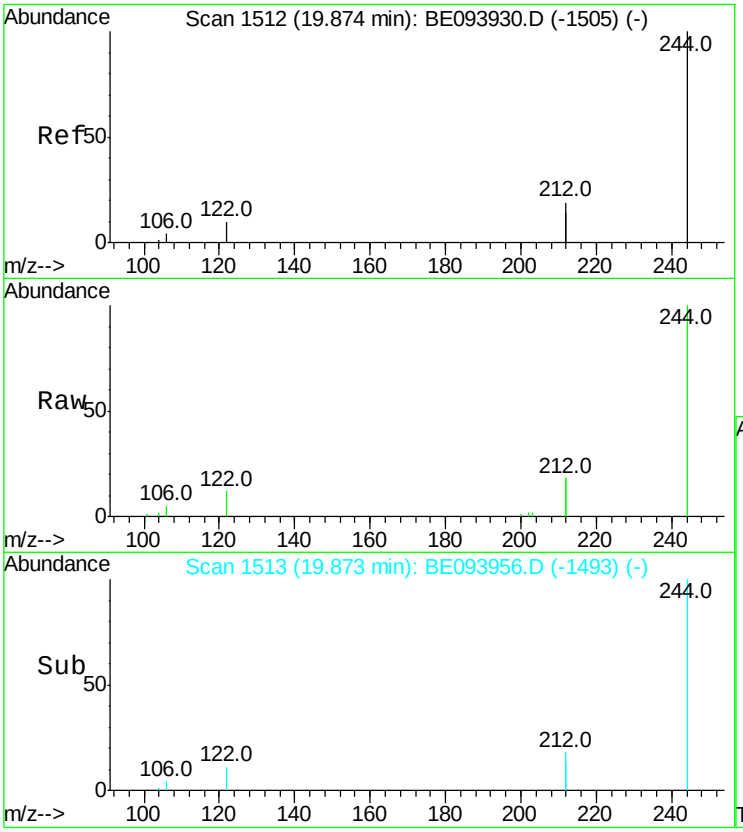


#28
Pyrene
Concen: 0.235 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:202 Resp: 14422

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.9	14.2	21.4



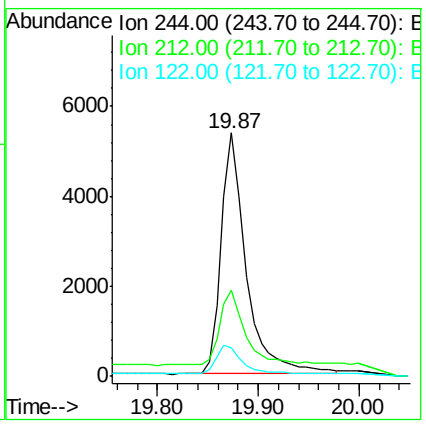


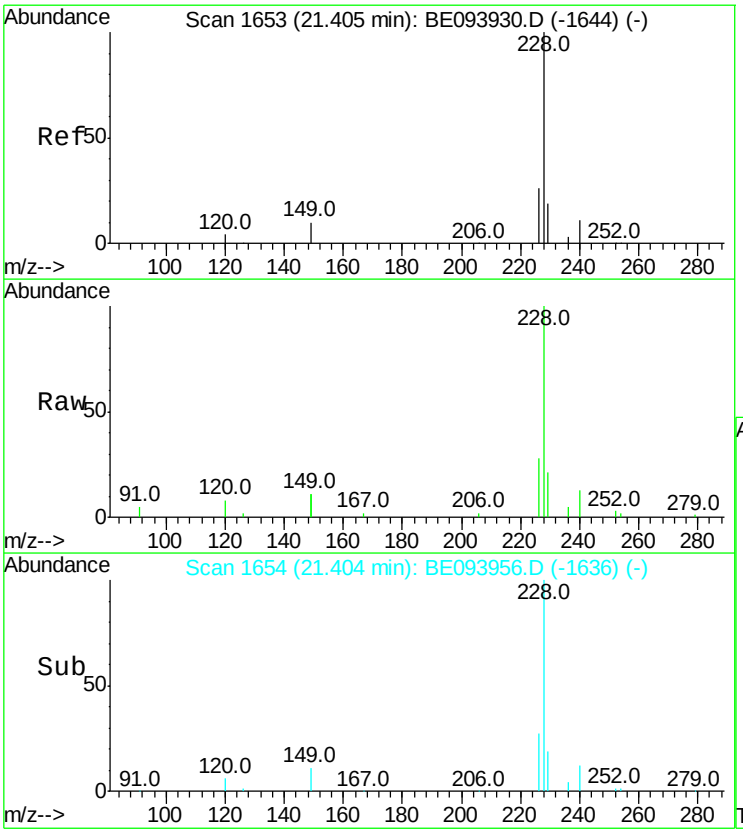
#29
Terphenyl-d14
Concen: 0.284 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:244 Resp: 9298

Ion	Ratio	Lower	Upper
244	100		
212	35.7	28.3	42.5
122	11.7	9.4	14.0

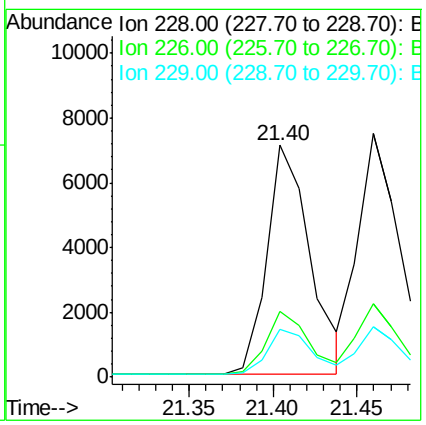


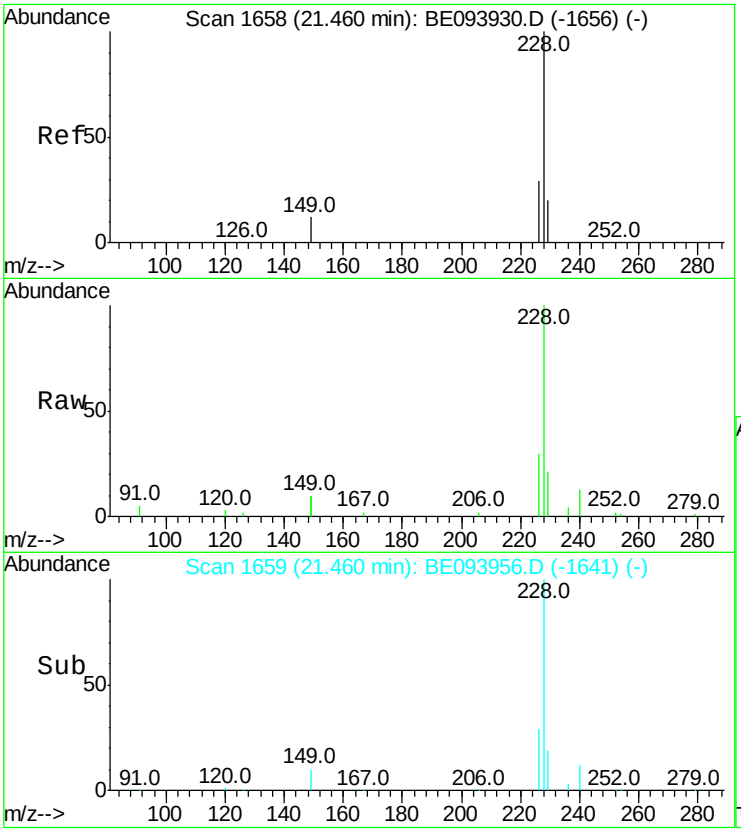


#30
Benzo(a)anthracene
Concen: 0.232 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:228 Resp: 12672

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.8	31.2
229	20.6	16.6	25.0



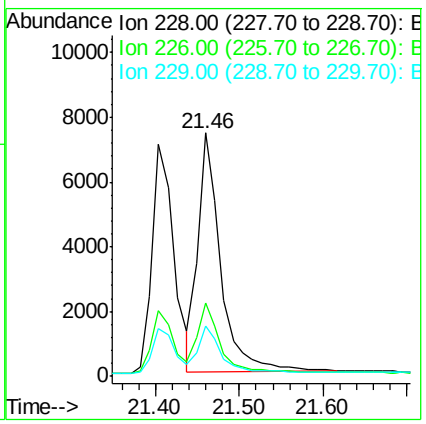


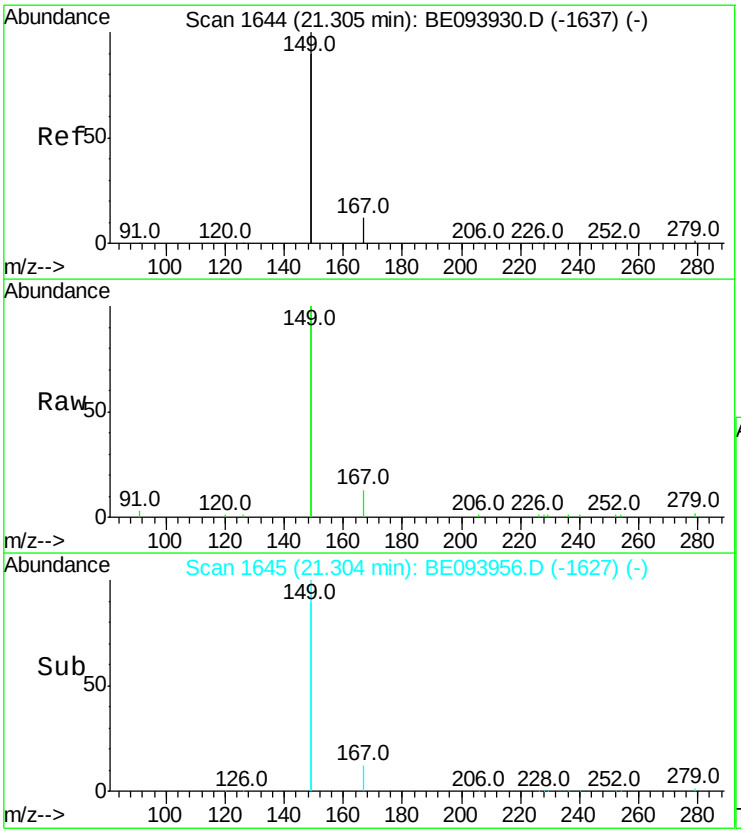
#31
Chrysene
Concen: 0.242 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:228 Resp: 13996

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	20.5	15.8	23.8

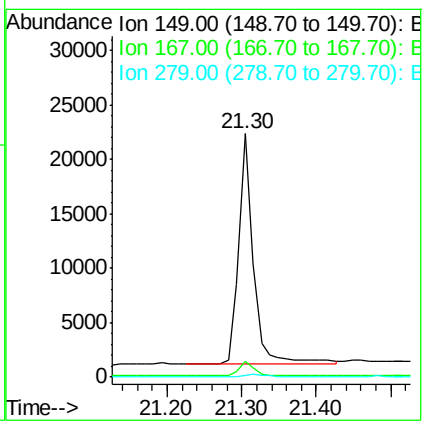


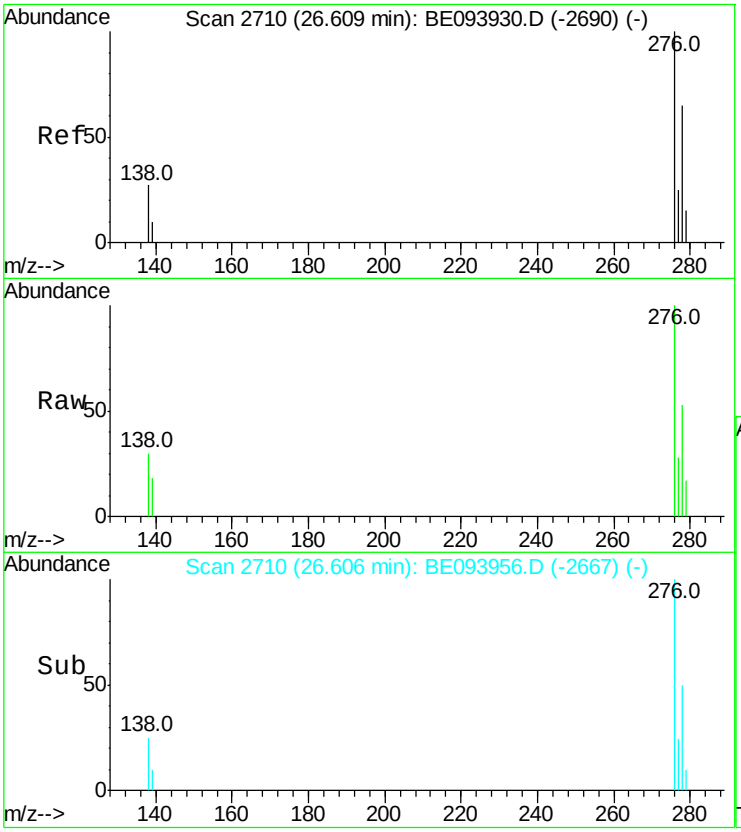


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:149 Resp: 29009

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.8	0.7	1.1



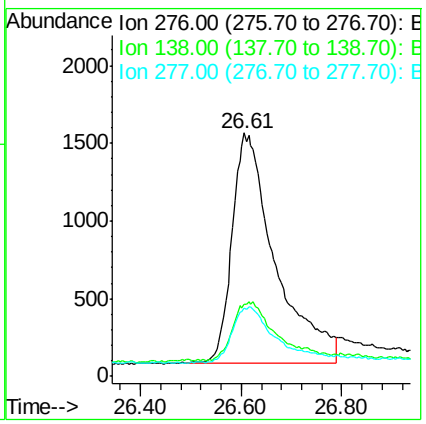


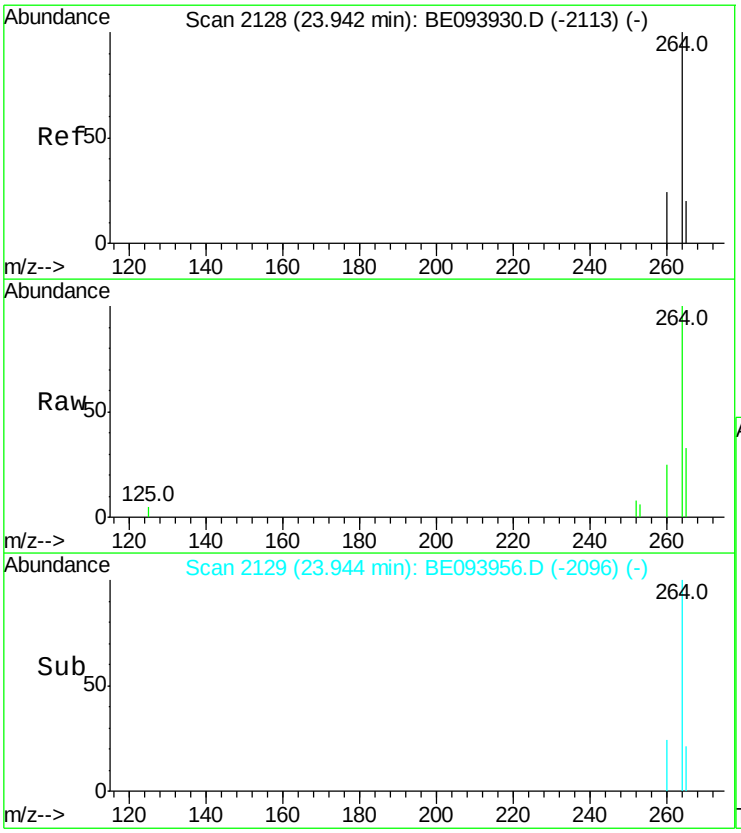
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng
RT: 26.61 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:276 Resp: 8873

Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.2	33.2
277	24.5	19.5	29.3

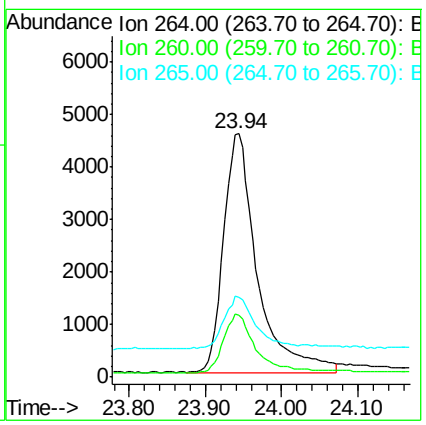


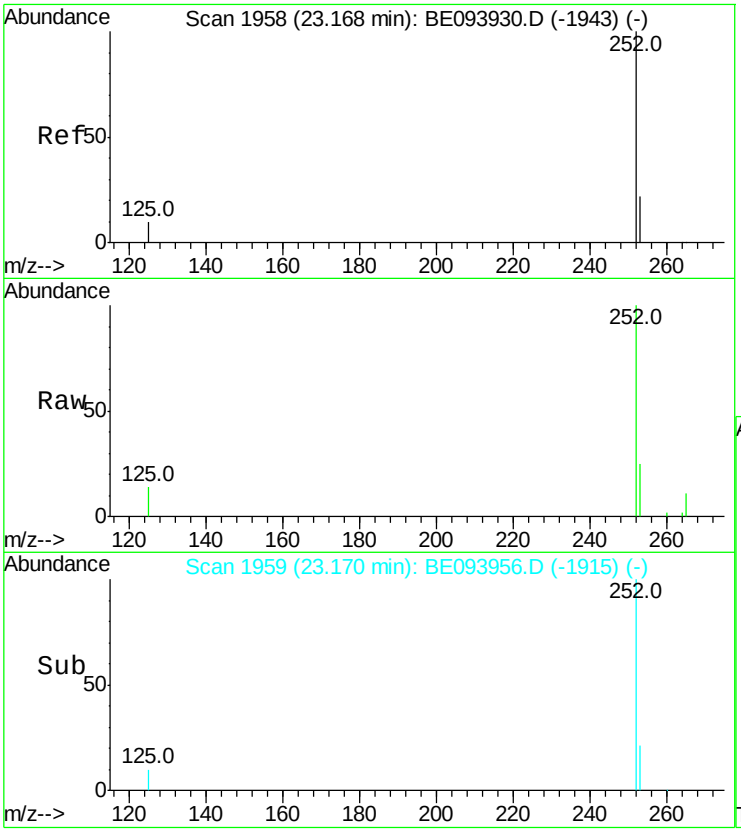


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:264 Resp: 14063

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	32.8	24.0	36.0



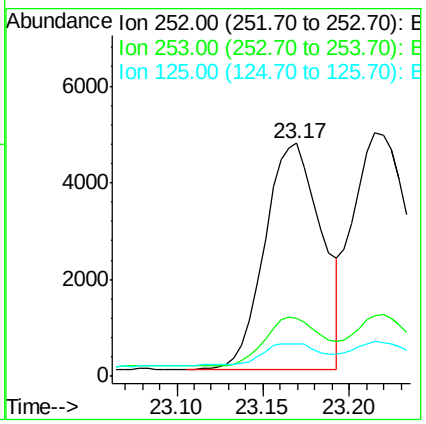


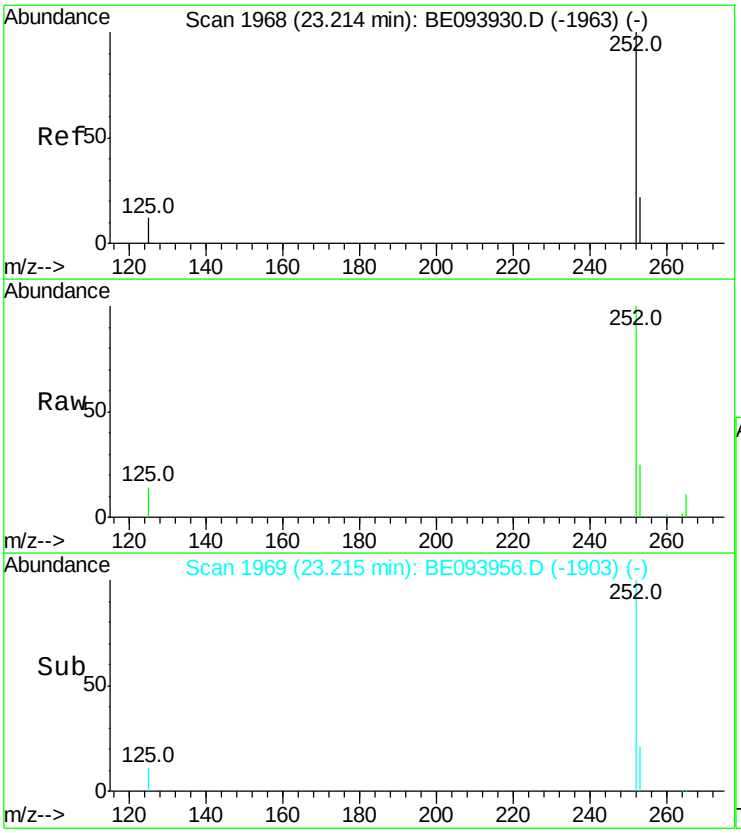
#35
Benzo(b)fluoranthene
Concen: 0.237 ng
RT: 23.17 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:252 Resp: 10611

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.0
125	13.9	10.0	15.0

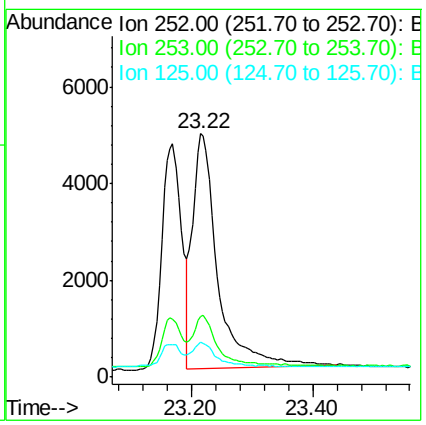


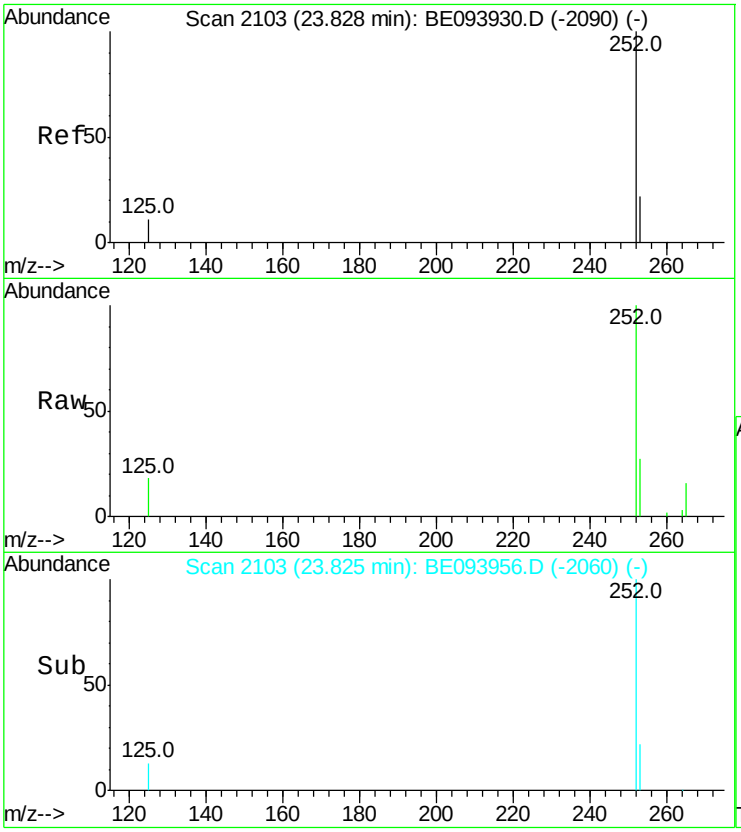


#36
Benzo(k)fluoranthene
Concen: 0.253 ng
RT: 23.22 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:252 Resp: 13884

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	14.4	9.8	14.6



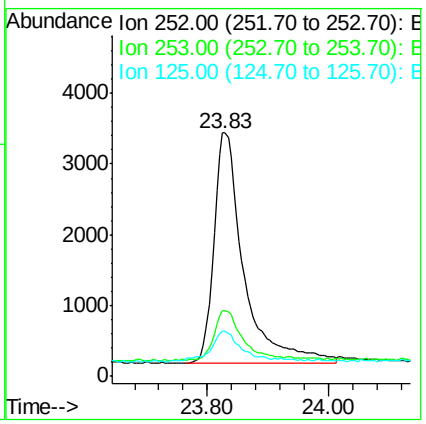


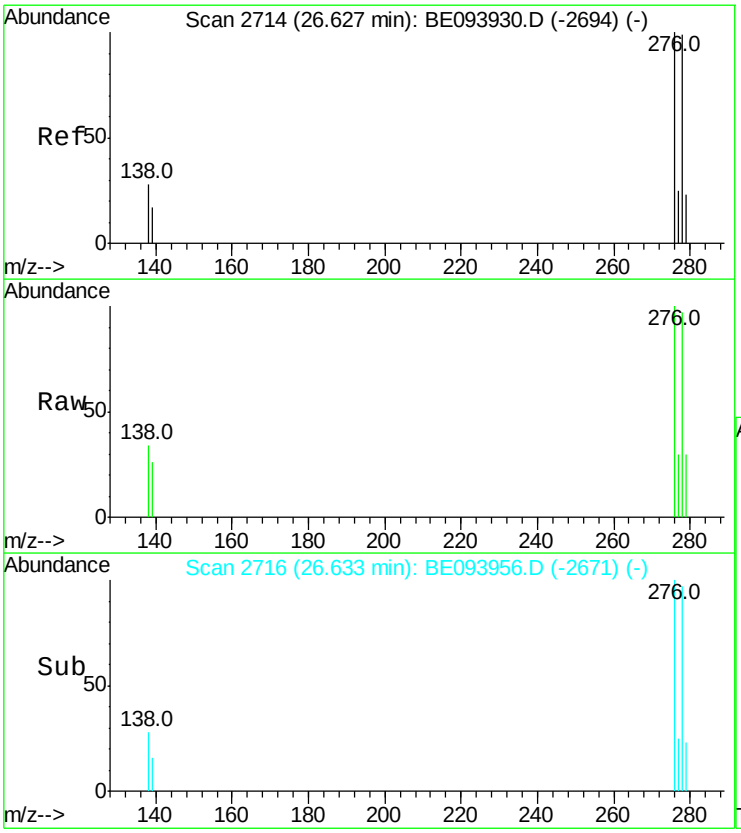
#37
Benzo(a)pyrene
Concen: 0.245 ng
RT: 23.83 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:252 Resp: 11187

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.6	29.4
125	18.4	11.8	17.8#

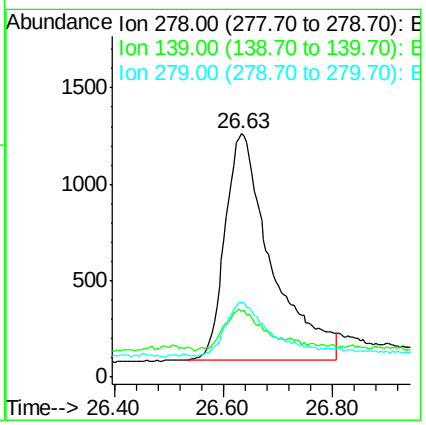


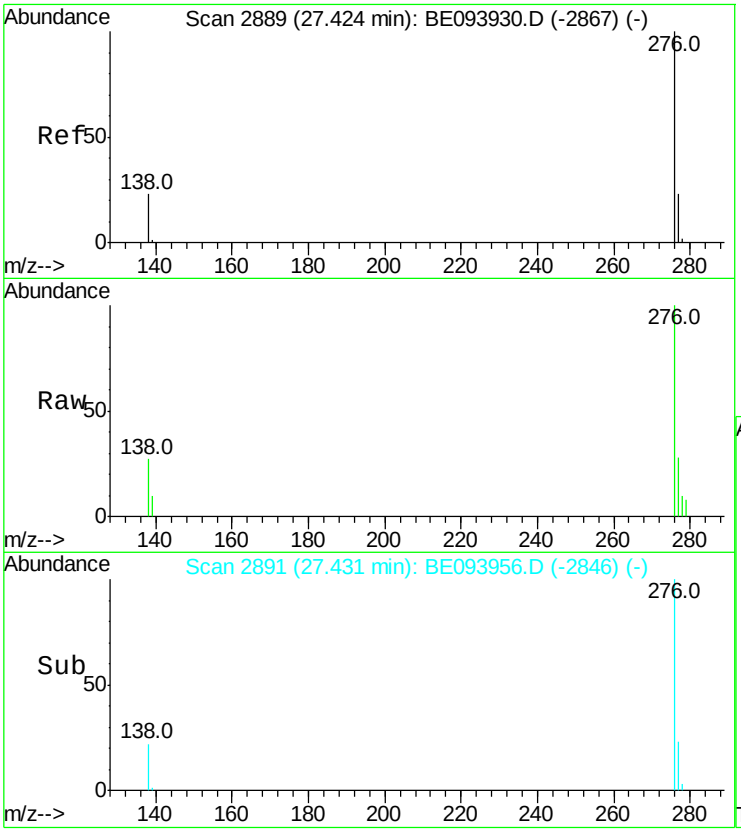


#38
Dibenzo(a,h)anthracene
Concen: 0.228 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Tgt Ion:278 Resp: 6903

Ion	Ratio	Lower	Upper
278	100		
139	27.2	16.7	25.1#
279	30.5	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.249 ng
RT: 27.43 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BE093956.D
Acq: 11 Sep 2017 10:58

Instrument :
BNA_E
ClientSampleId :
PB102204BS

Tgt Ion:276 Resp: 7940

Ion	Ratio	Lower	Upper
276	100		
277	28.2	20.6	30.8
138	27.1	21.9	32.9