Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093983.D
Acq On : 13 Sep 2017 11:15
Operator : SJ/JU
Sample : PB102153BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 14 00:51:53 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	2159	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10104	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5816	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	12441	0.40	ng		0.00
27) Chrysene-d12	21.42	240	17155	0.40	ng		-0.01
34) Perylene-d12	23.94	264	12877	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2011	0.29	ng		0.00
5) Phenol-d6	7.11	99	2685	0.26	ng		0.00
8) Nitrobenzene-d5	9.08	82	2447	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	4667	0.29	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	514	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	6148	0.27	ng		0.00
25) Fluoranthene-d10	19.28	212	51938	0.28	ng		0.00
29) Terphenyl-d14	19.87	244	9730	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	903	0.303	ng	#	31
3) n-Nitrosodimethylamine	3.74	42	1170	0.336	ng	#	84
6) bis(2-Chloroethyl)ether	7.34	93	2233	0.261	ng		87
9) Naphthalene	10.76	128	29225	0.252	ng		100
10) Hexachlorobutadiene	11.02	225	1060	0.252	ng		98
12) 2-Methylnaphthalene	12.37	142	4889	0.254	ng		99
16) Acenaphthylene	14.24	152	6906	0.238	ng		99
17) Acenaphthene	14.58	154	4873	0.248	ng		99
18) Fluorene	15.58	166	6447	0.255	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	1907	0.228	ng	#	81
21) Hexachlorobenzene	16.58	284	1635	0.223	ng	#	100
22) Pentachlorophenol	16.94	266	780	0.395	ng		98
23) Phenanthrene	17.30	178	12842	0.263	ng	#	99
24) Anthracene	17.40	178	7152	0.189	ng	#	56
26) Fluoranthene	19.31	202	13927	0.251	ng		100
28) Pyrene	19.67	202	14379	0.244	ng		100
30) Benzo(a)anthracene	21.40	228	12961	0.246	ng		98
31) Chrysene	21.46	228	13321	0.239	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	32384	0.253	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	7714	0.208	ng		97
35) Benzo(b)fluoranthene	23.17	252	9997	0.244	ng		97
36) Benzo(k)fluoranthene	23.21	252	12641	0.252	ng		95
37) Benzo(a)pyrene	23.83	252	10412	0.249	ng	#	94
38) Dibenzo(a,h)anthracene	26.64	278	6177	0.223	ng	#	91
39) Benzo(g,h,i)perylene	27.43	276	6792	0.233	ng		97

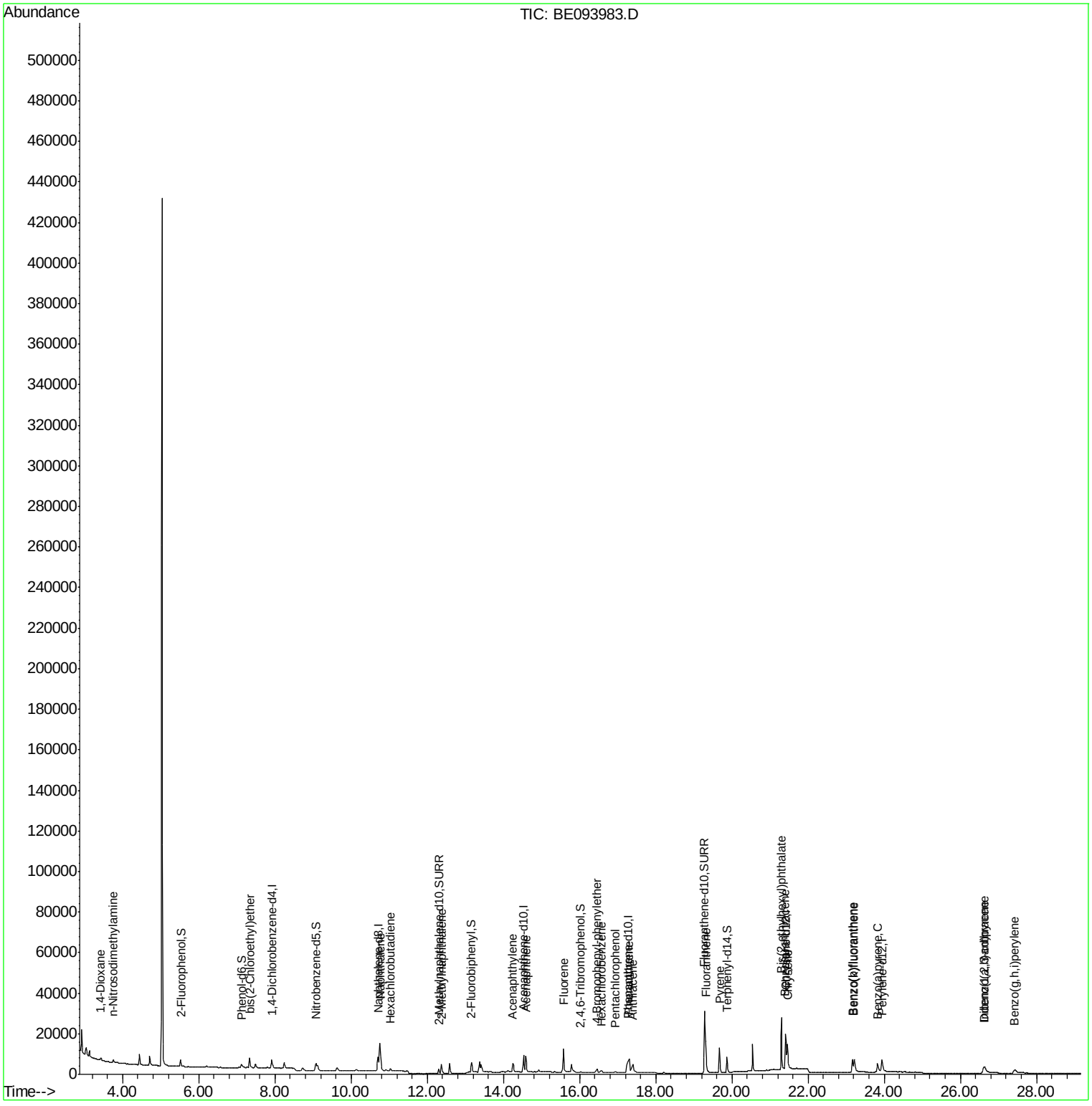
(#) = qualifier out of range (m) = manual integration (+) = signals summed

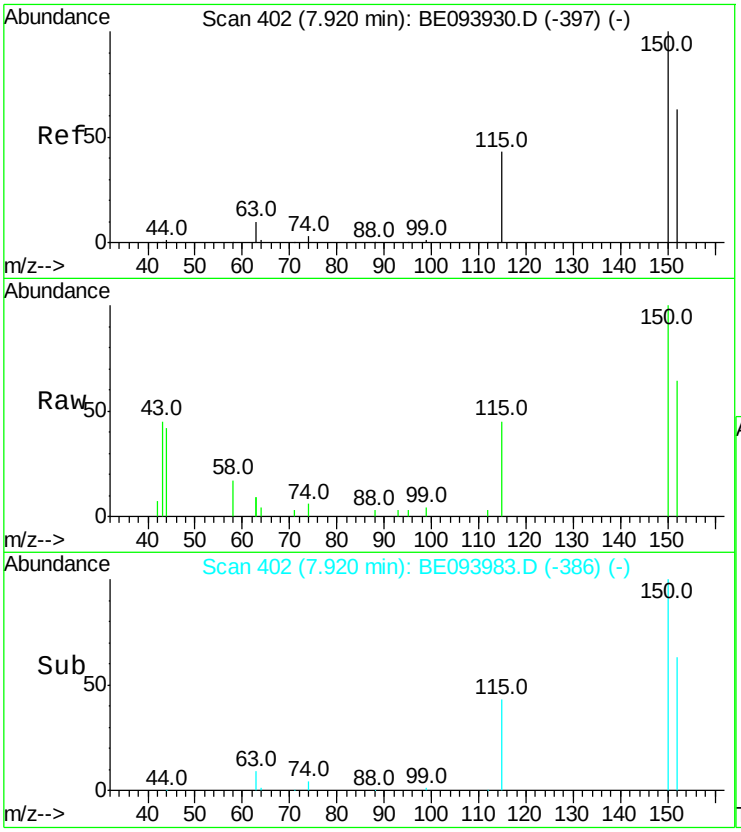
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093983.D
Acq On : 13 Sep 2017 11:15
Operator : SJ/JU
Sample : PB102153BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 14 00:51:53 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



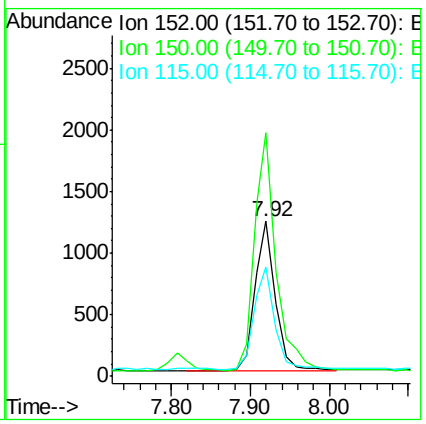


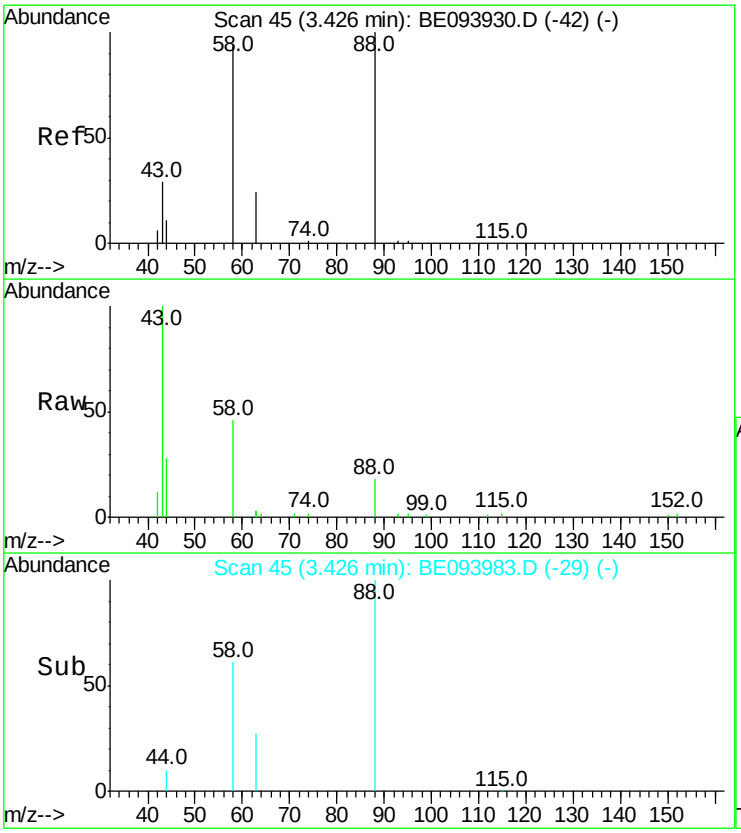
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2159

Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.8	182.6
115	70.2	52.6	79.0

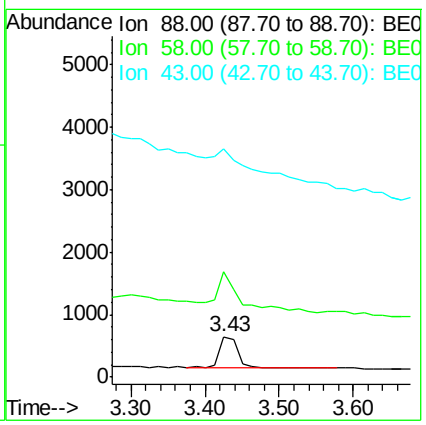


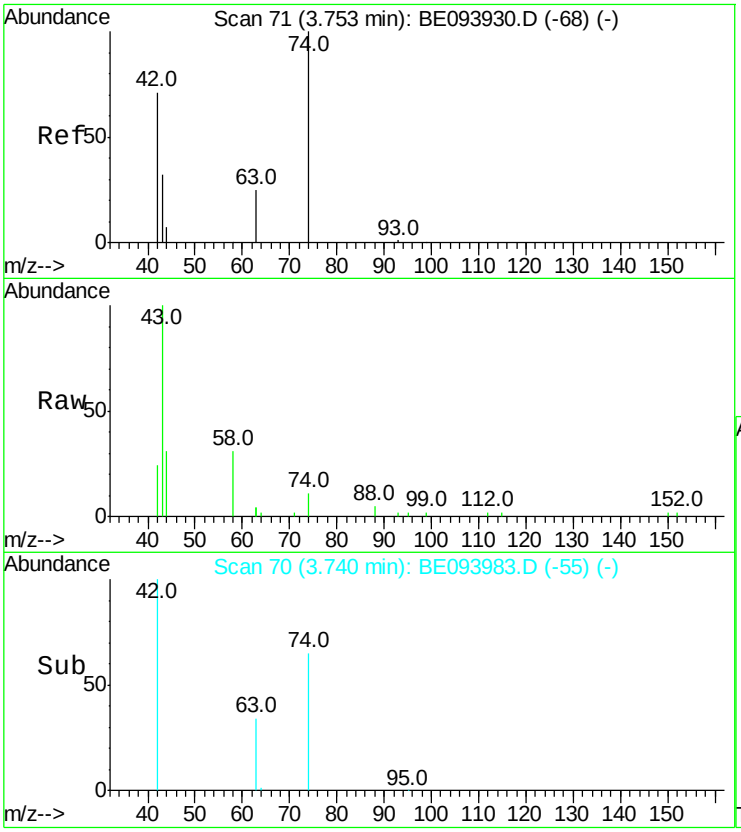


#2
1,4-Dioxane
Concen: 0.303 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion: 88 Resp: 903

Ion	Ratio	Lower	Upper
88	100		
58	147.6	65.4	98.0#
43	0.0	23.9	35.9#



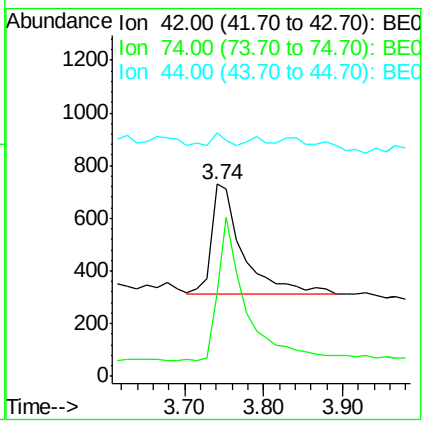


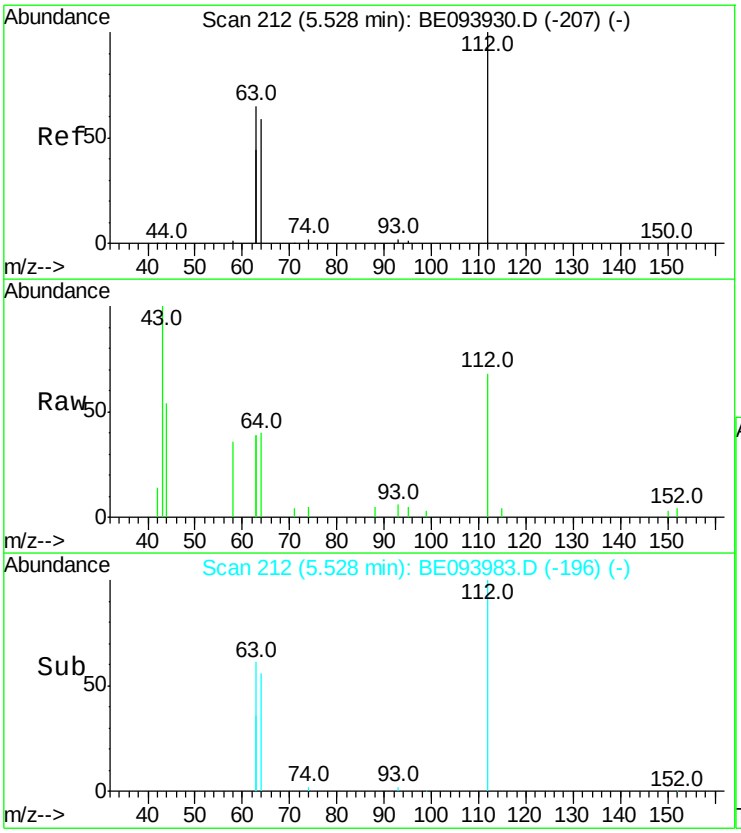
#3
n-Nitrosodimethylamine
Concen: 0.336 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1170

Ion	Ratio	Lower	Upper
42	100		
74	112.8	104.0	156.0
44	5.8	13.8	20.8#

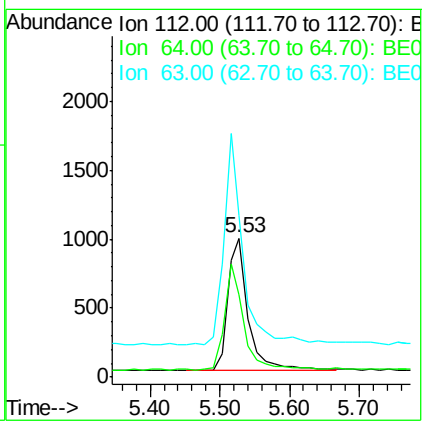


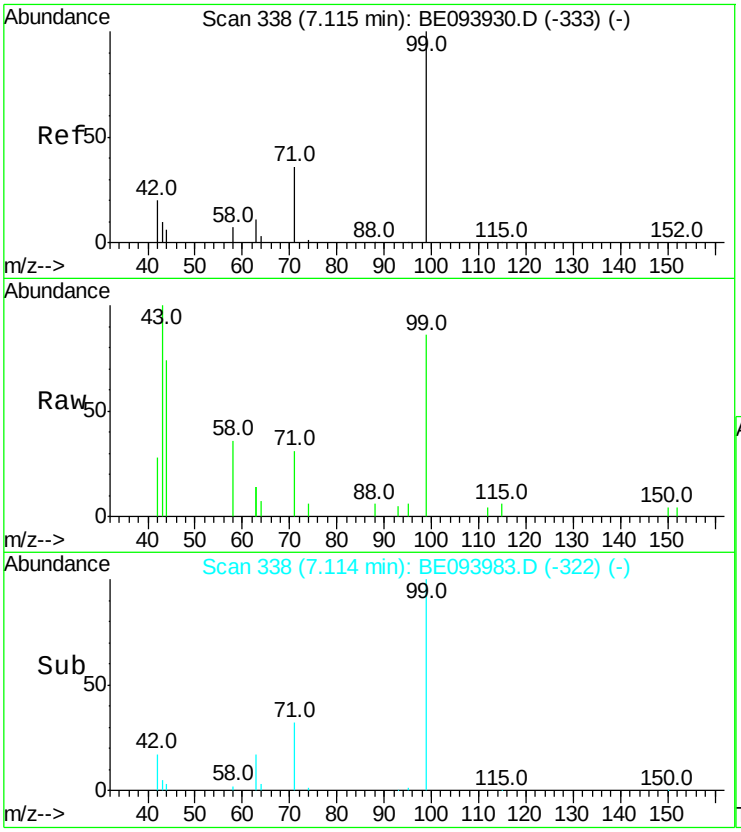


#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:112 Resp: 2011

Ion	Ratio	Lower	Upper
112	100		
64	76.7	57.7	86.5
63	147.8	116.0	174.0



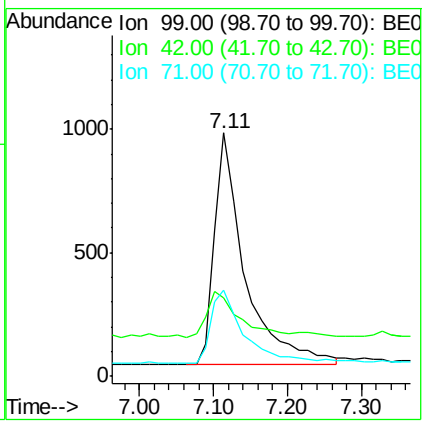


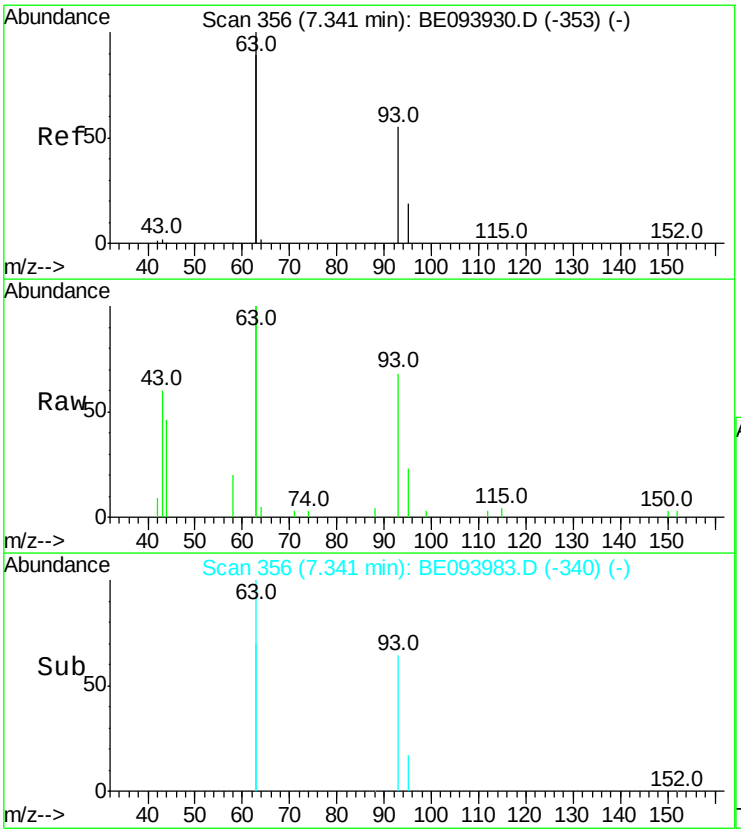
#5
Phenol-d6
Concen: 0.256 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2685

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.1	25.7
71	35.2	26.6	39.8

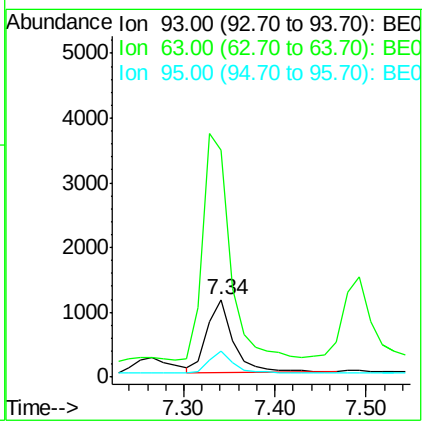


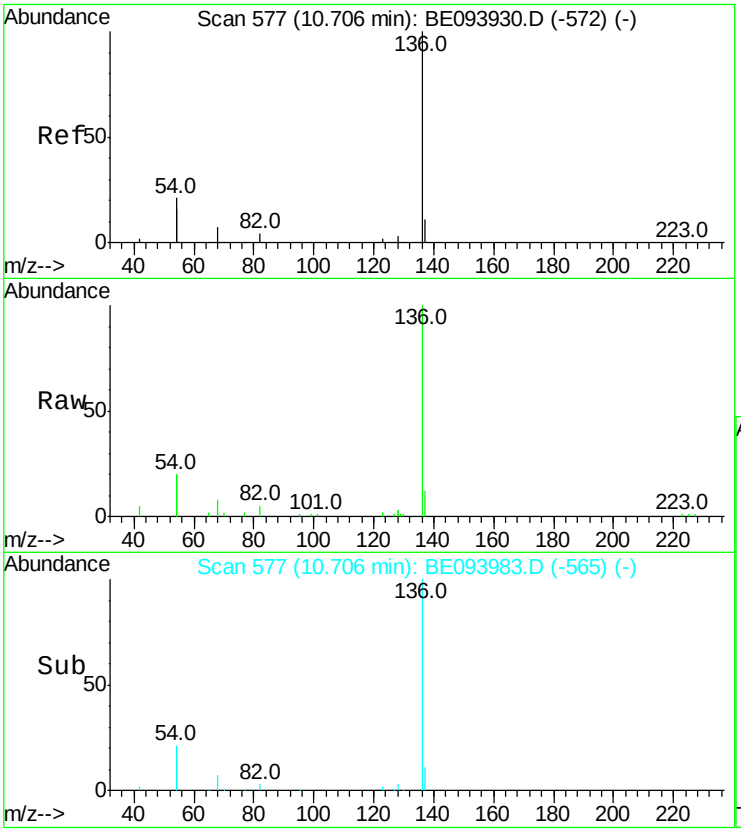


#6
bis(2-Chloroethyl)ether
Concen: 0.261 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion: 93 Resp: 2233

Ion	Ratio	Lower	Upper
93	100		
63	323.7	283.4	425.2
95	29.9	26.9	40.3



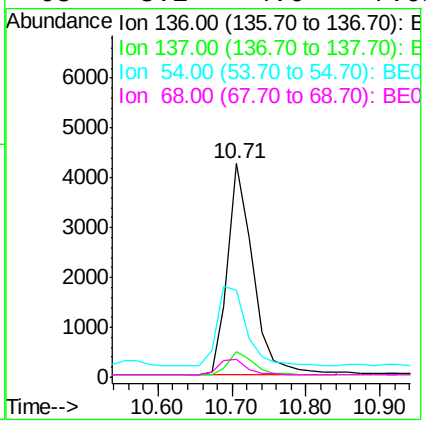


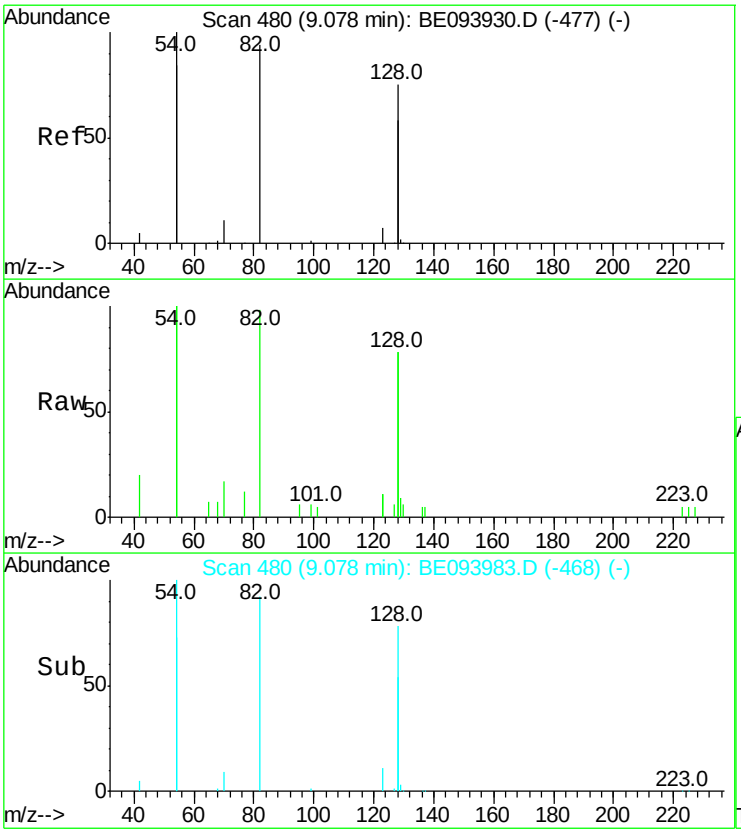
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10104

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	40.8	21.9	32.9#
68	8.2	4.6	7.0#

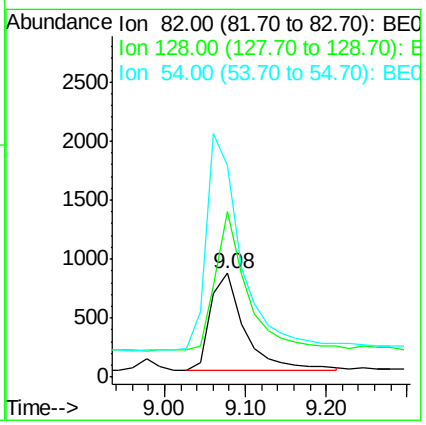


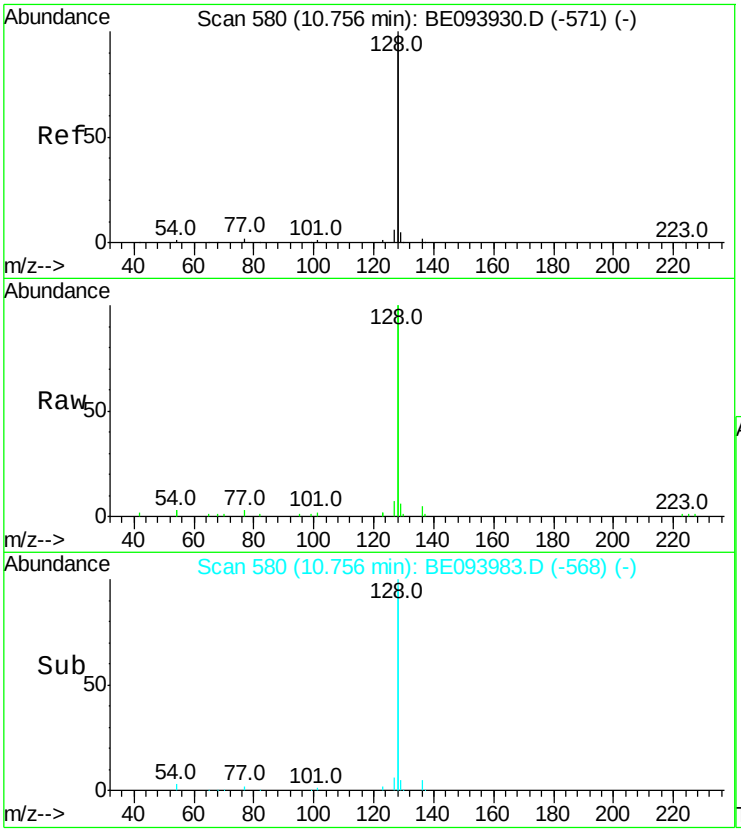


#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion: 82 Resp: 2447

Ion	Ratio	Lower	Upper
82	100		
128	159.5	91.4	137.0#
54	203.9	197.8	296.8



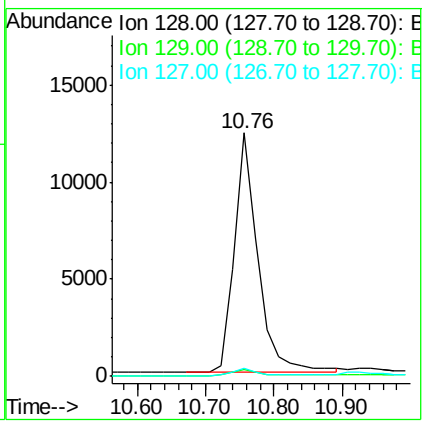


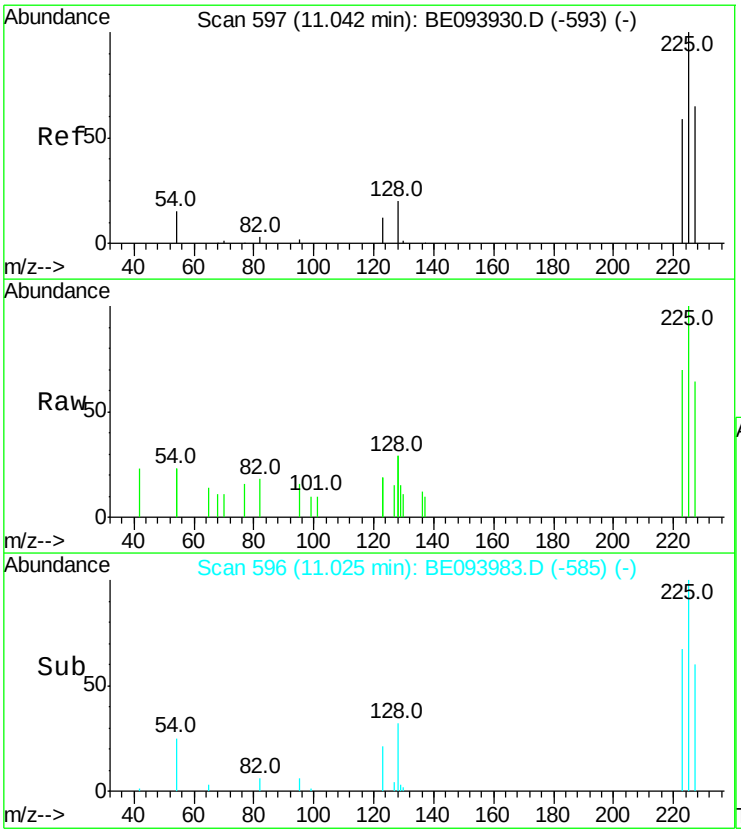
#9
Naphthalene
Concen: 0.252 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 29225

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.5	2.6	4.0

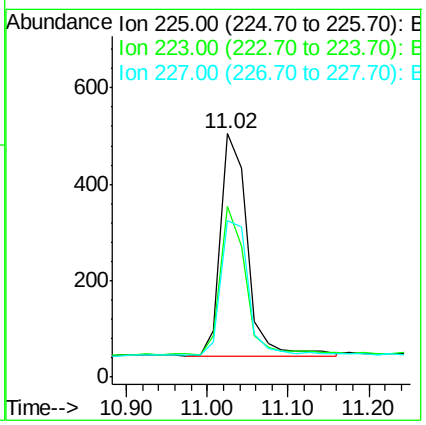


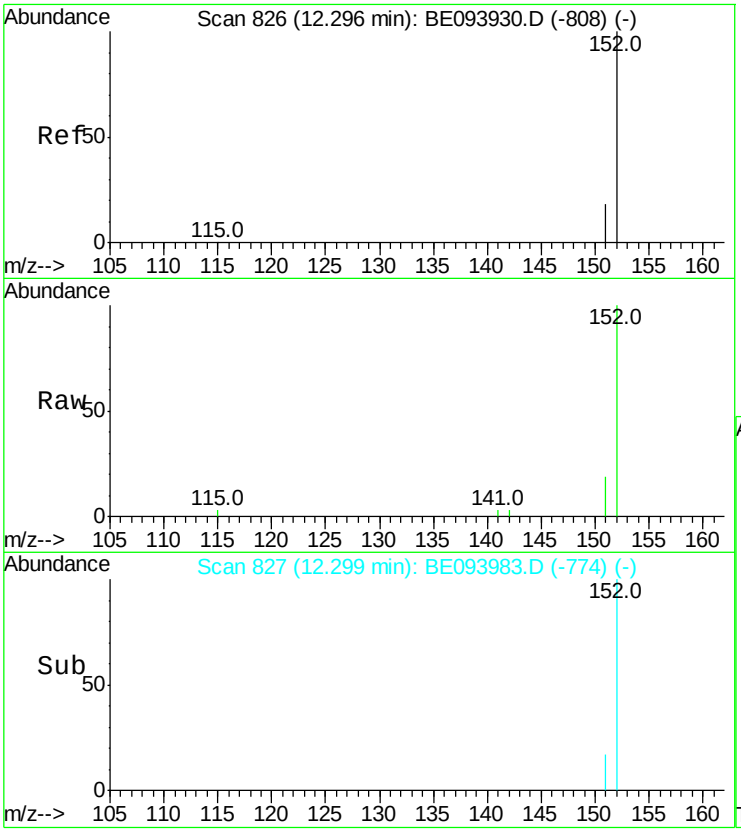


#10
Hexachlorobutadiene
Concen: 0.252 ng
RT: 11.02 min Scan# 596
Delta R.T. -0.02 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:225 Resp: 1060

Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.4	74.0
227	63.6	50.5	75.7



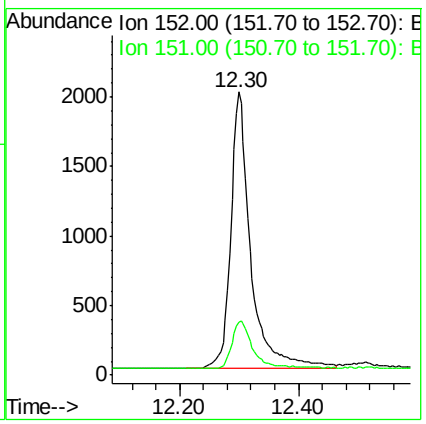


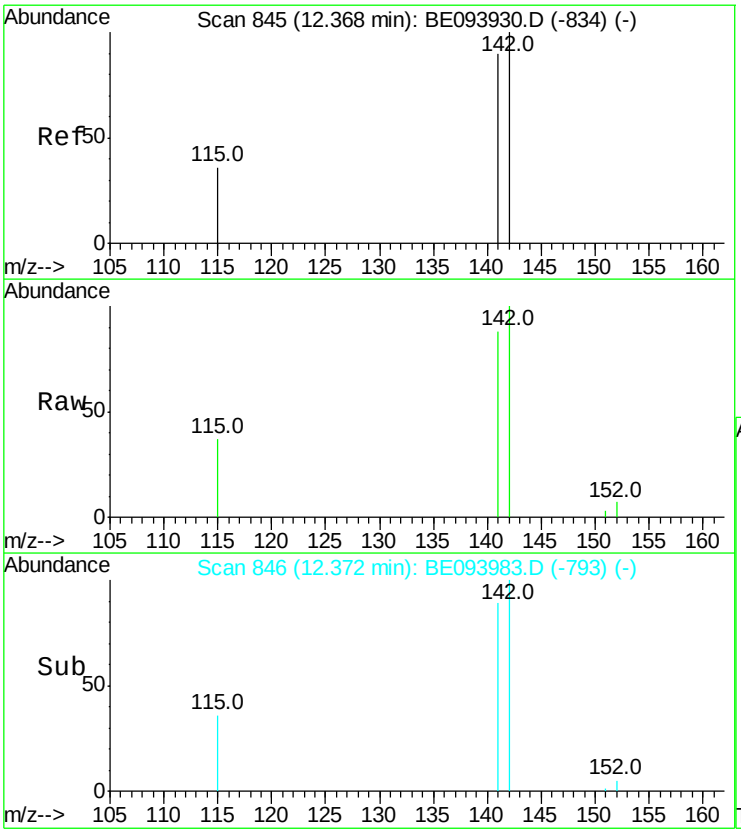
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4667

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.4	23.0

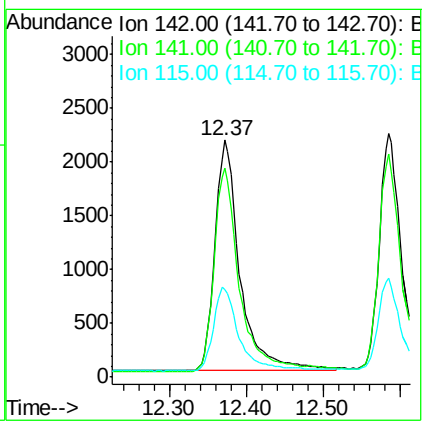


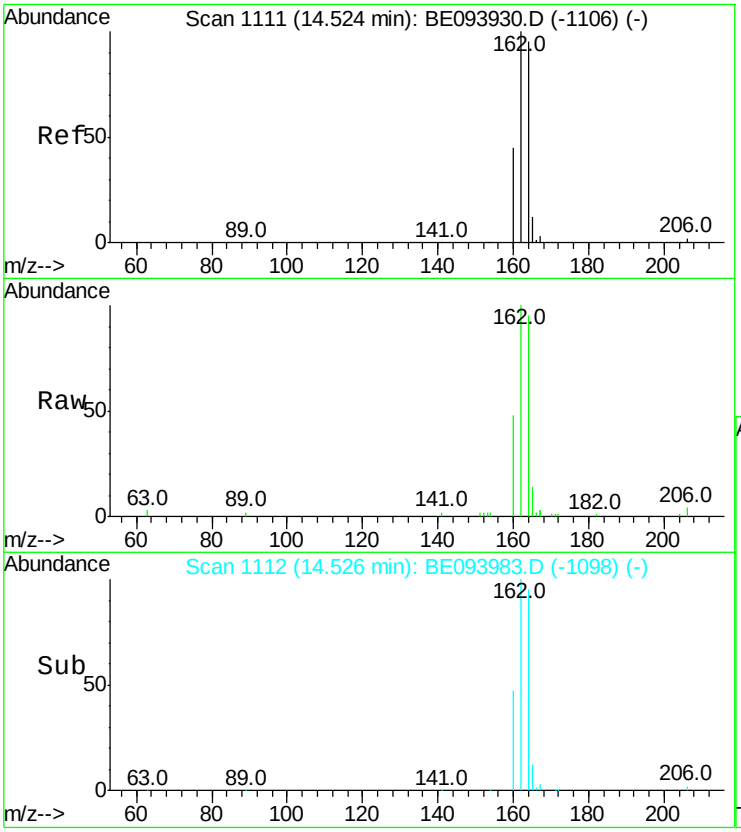


#12
2-Methylnaphthalene
Concen: 0.254 ng
RT: 12.37 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:142 Resp: 4889

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	37.1	29.4	44.0



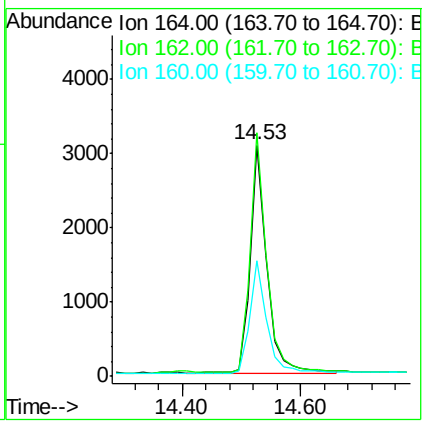


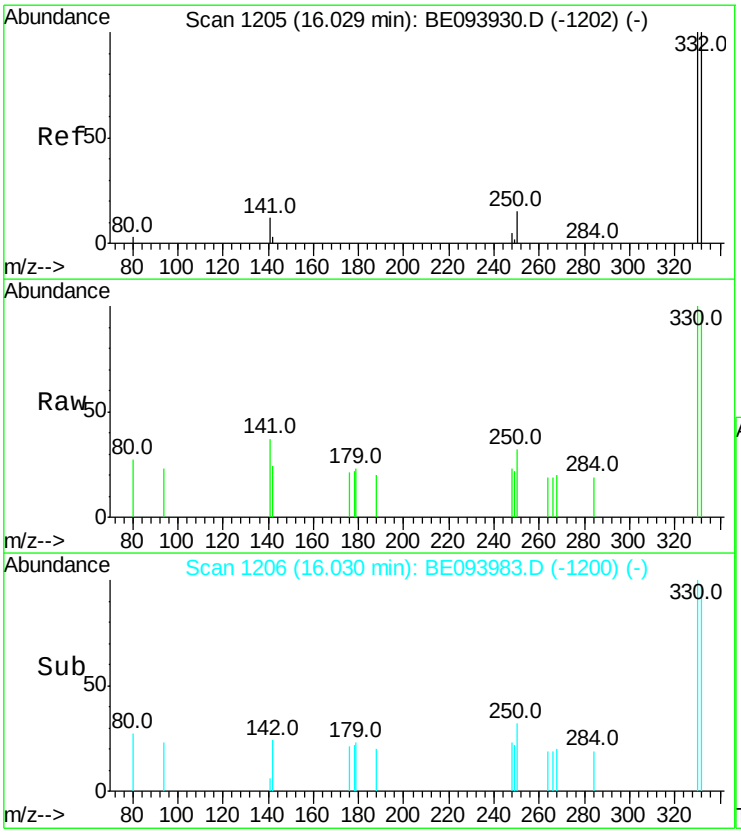
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5816

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.8	121.2
160	50.0	37.0	55.4

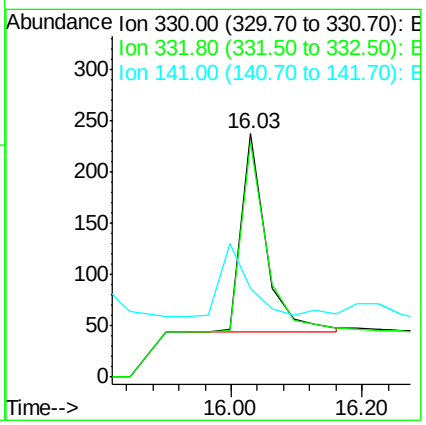


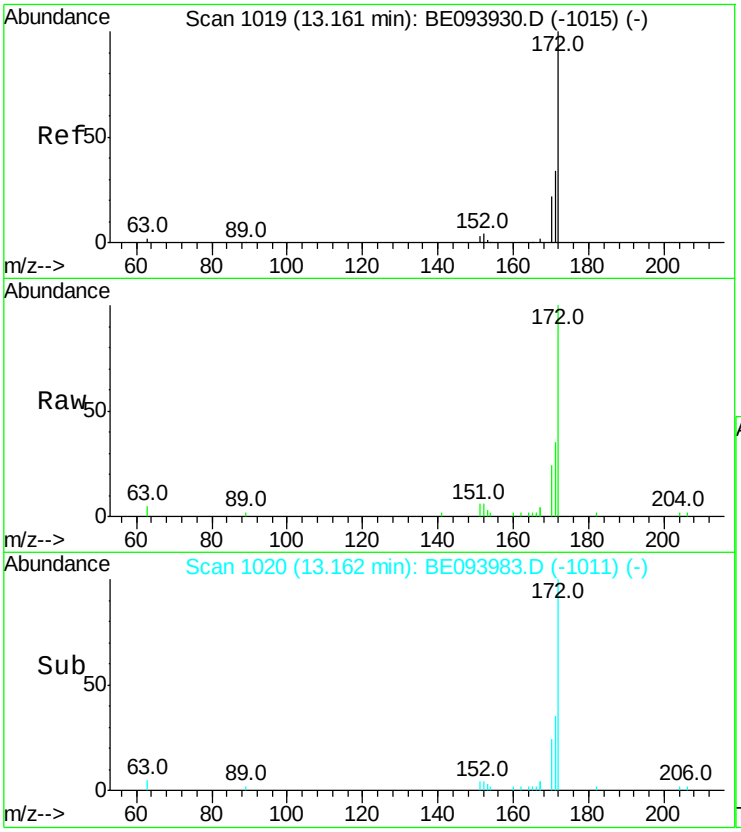


#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:330 Resp: 514

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	0.0	0.0	0.0



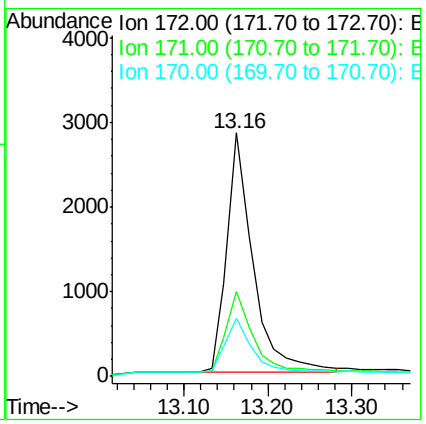


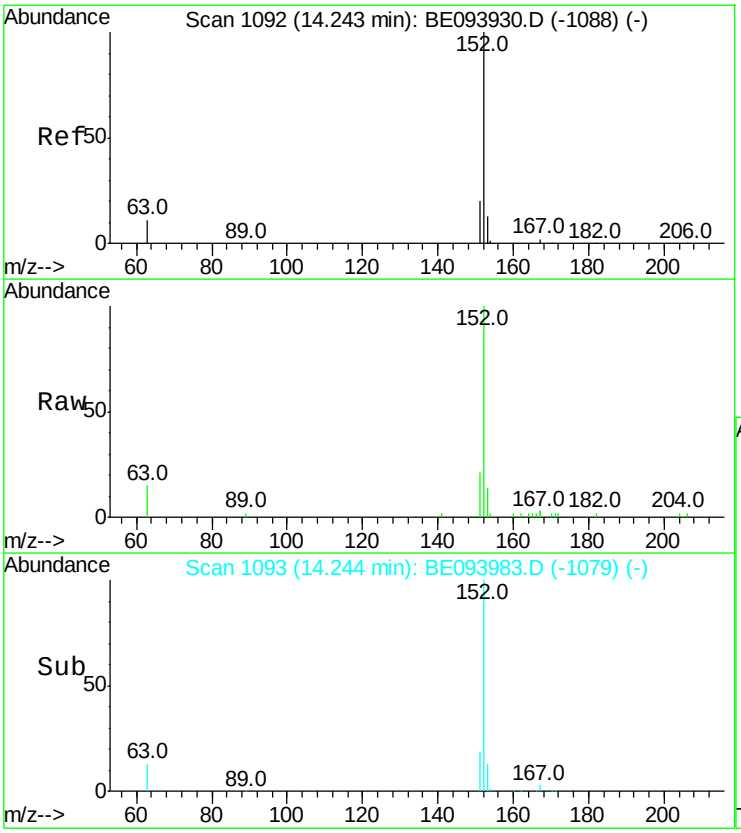
#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6148

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.9	40.3
170	23.8	17.3	25.9

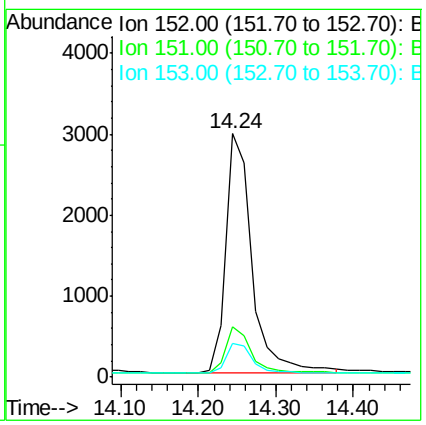


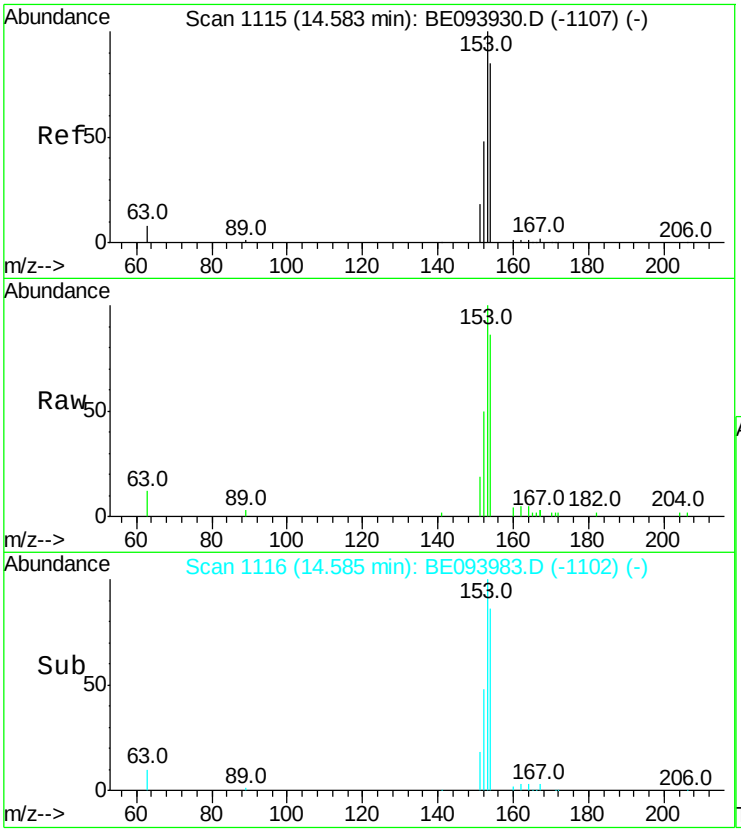


#16
Acenaphthylene
Concen: 0.238 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:152 Resp: 6906

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.7	23.5
153	12.9	10.6	16.0



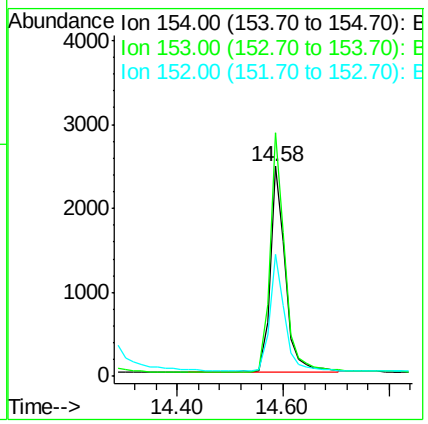


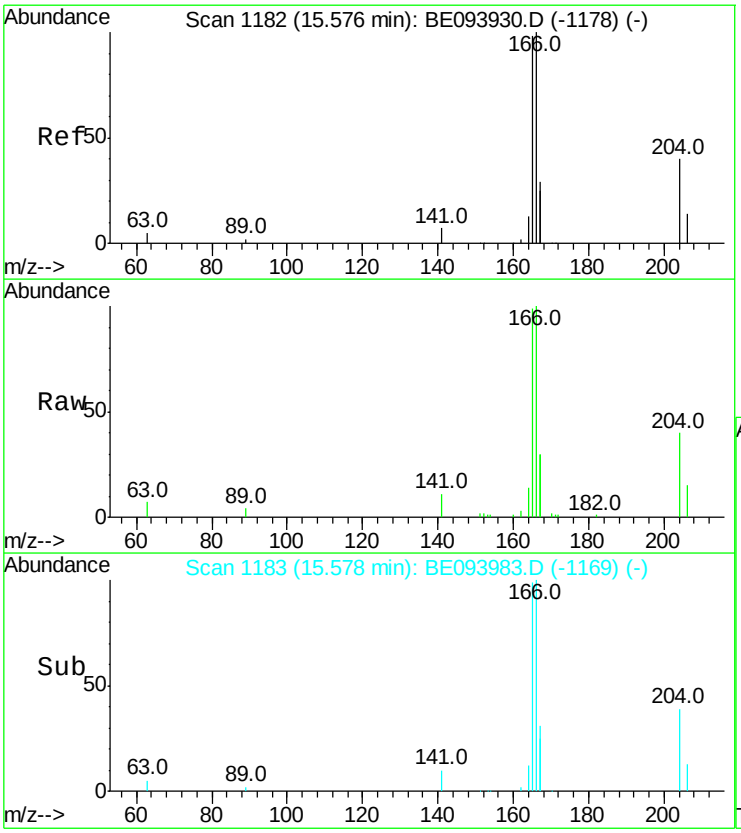
#17
Acenaphthene
Concen: 0.248 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4873

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.8	137.6
152	55.2	44.9	67.3

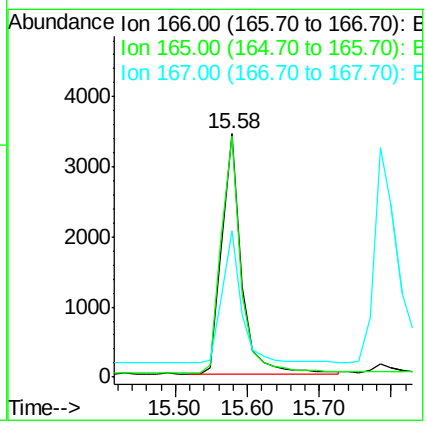


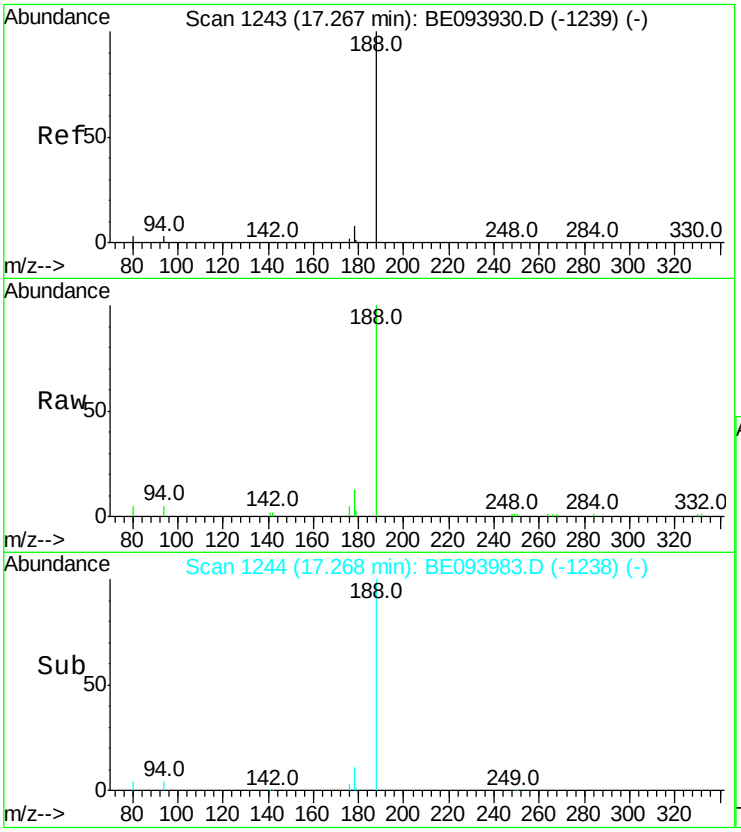


#18
Fluorene
Concen: 0.255 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:166 Resp: 6447

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.4	119.0
167	54.4	43.5	65.3



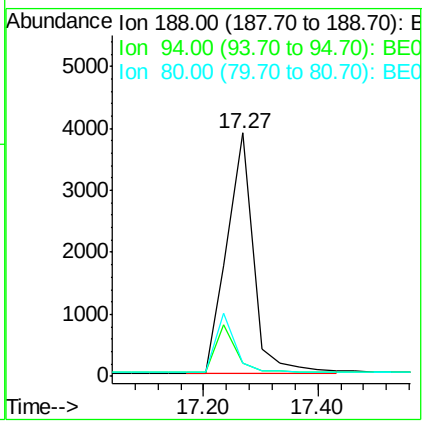


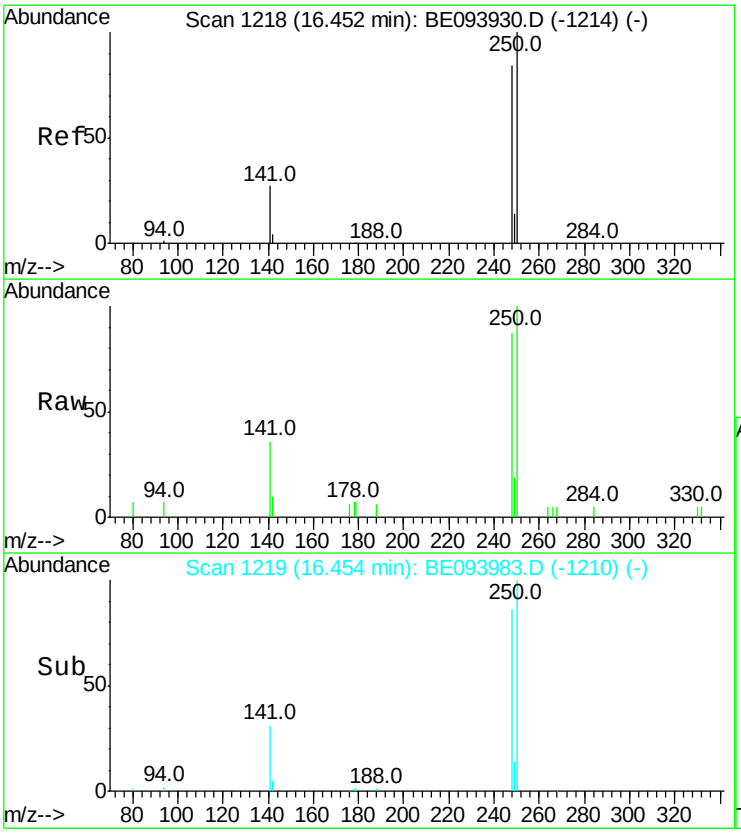
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12441

Ion	Ratio	Lower	Upper
188	100		
94	5.5	16.1	24.1#
80	5.3	18.2	27.2#

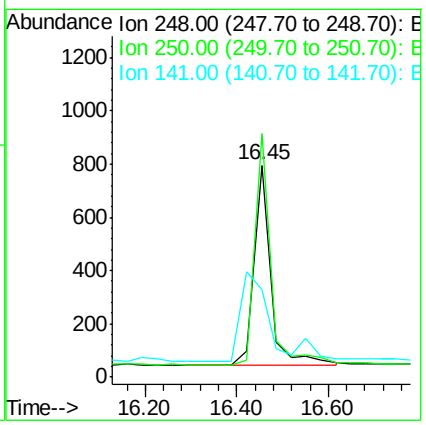


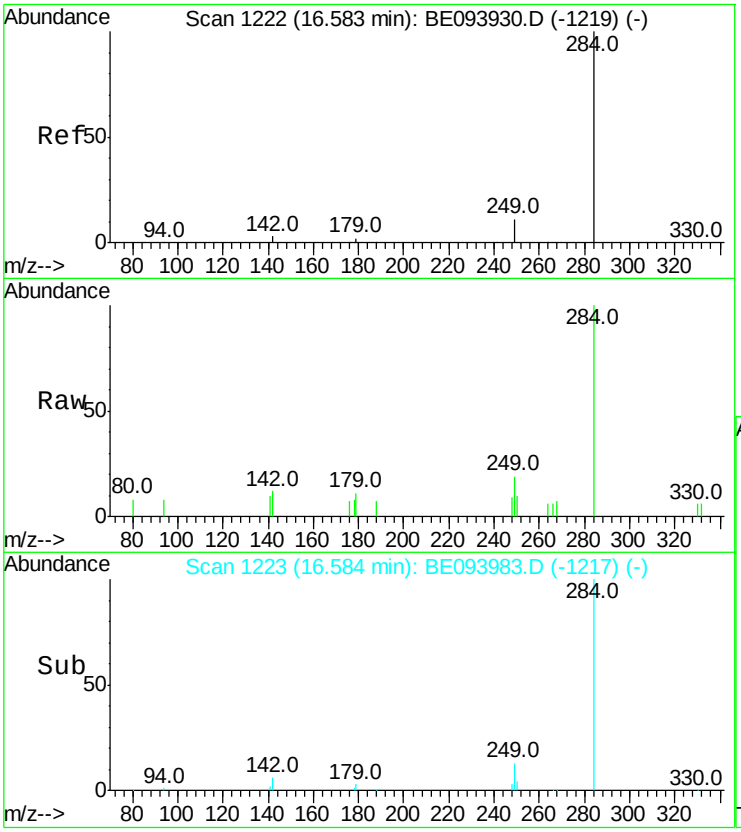


#20
4-Bromophenyl-phenylether
Concen: 0.228 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:248 Resp: 1907

Ion	Ratio	Lower	Upper
248	100		
250	114.8	111.8	167.8
141	41.3	27.1	40.7#



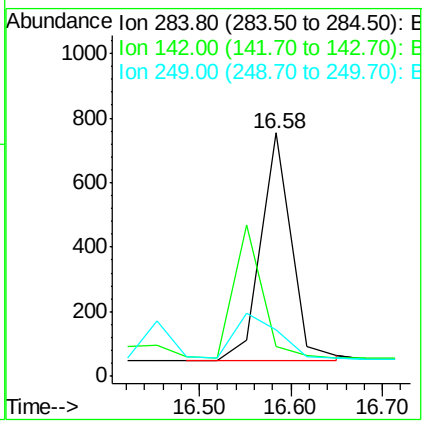


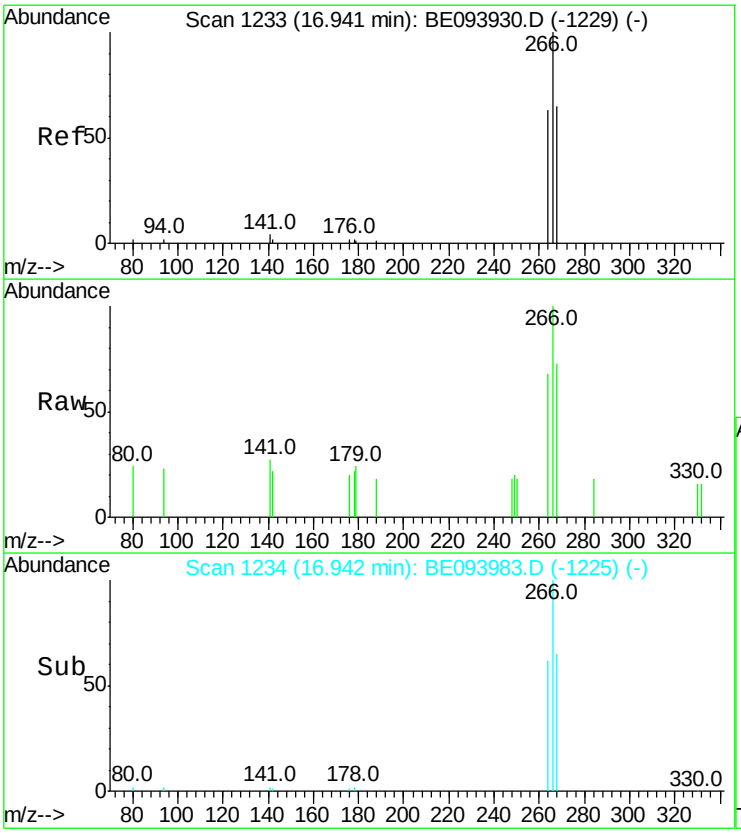
#21
Hexachlorobenzene
Concen: 0.223 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1635

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

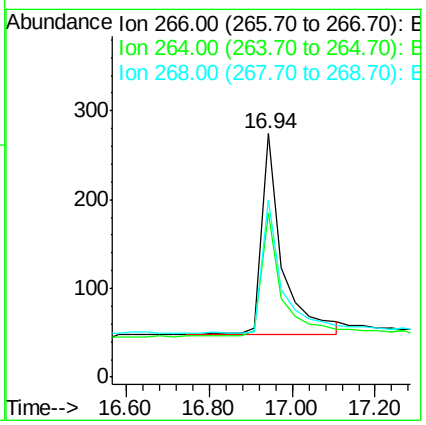


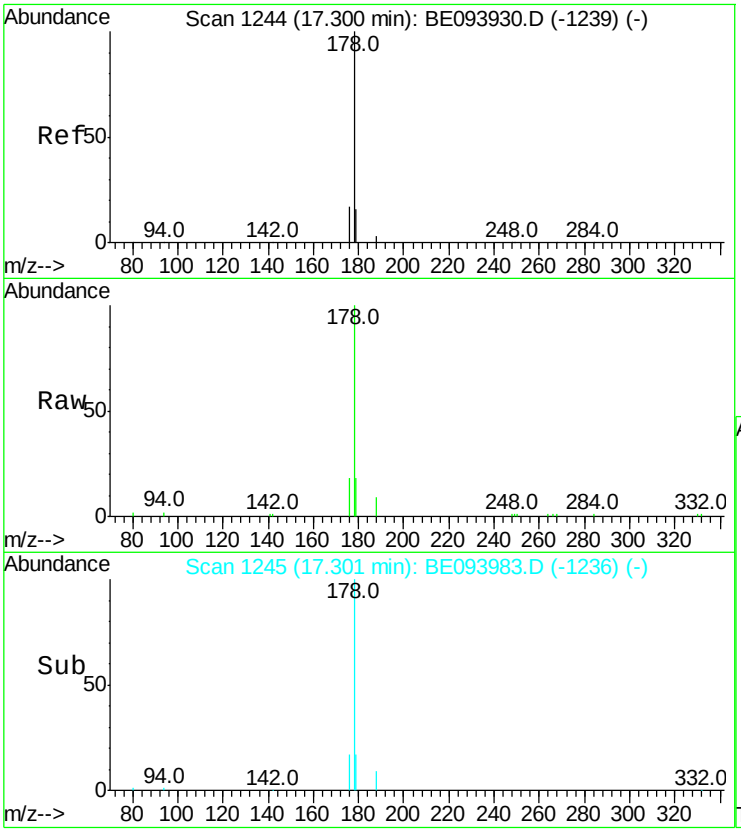


#22
Pentachlorophenol
Concen: 0.395 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:266 Resp: 780

Ion	Ratio	Lower	Upper
266	100		
264	67.5	53.5	80.3
268	72.6	60.0	90.0



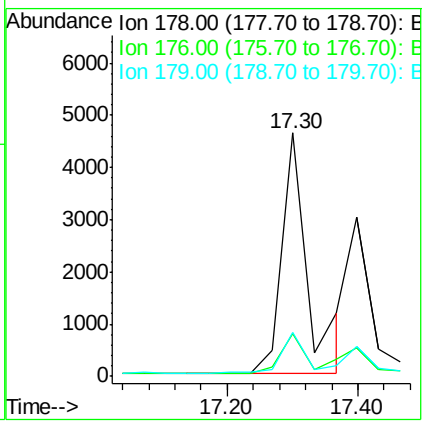


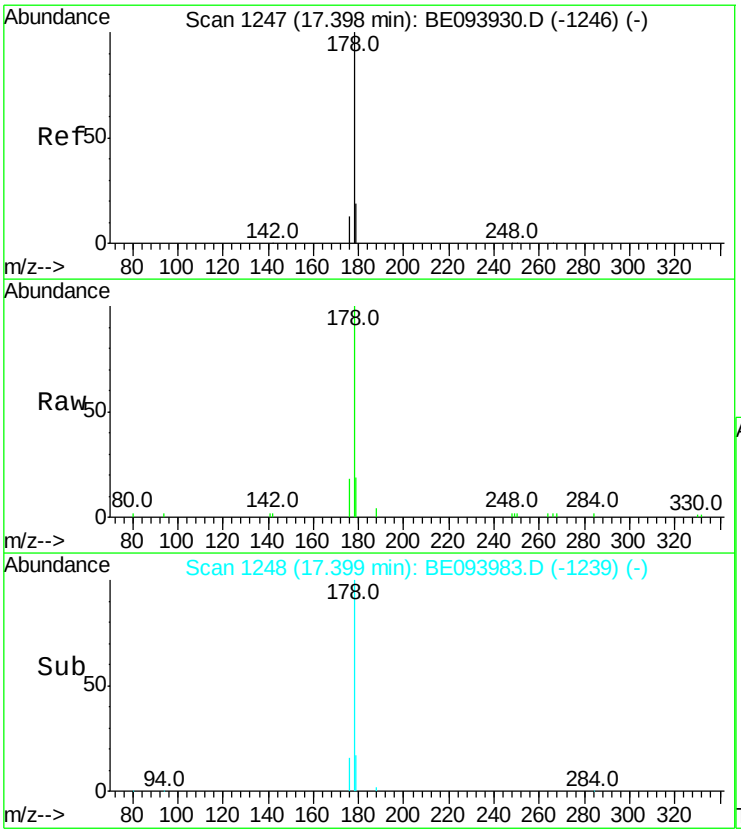
#23
Phenanthrene
Concen: 0.263 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12842

Ion	Ratio	Lower	Upper
178	100		
176	18.8	0.0	0.0#
179	16.0	12.6	18.8

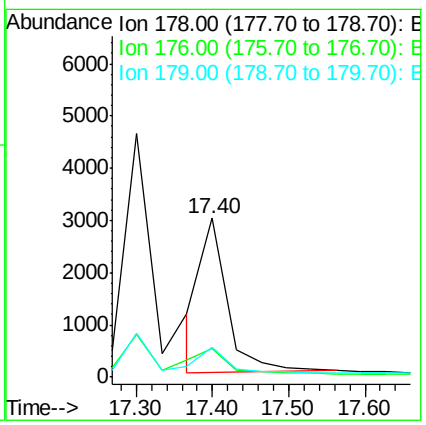


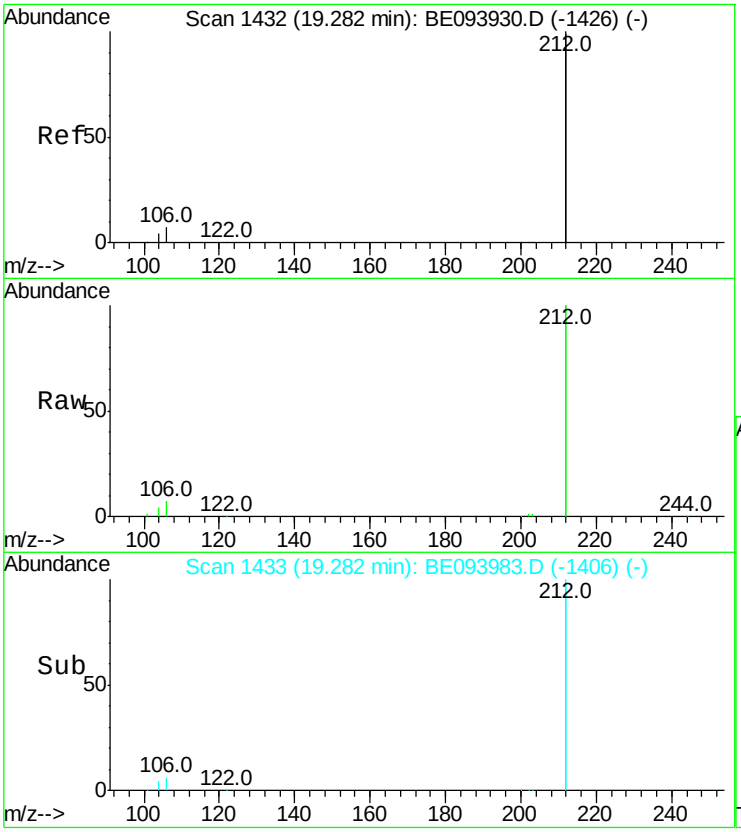


#24
Anthracene
Concen: 0.189 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:178 Resp: 7152

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	17.4	0.0	0.0#



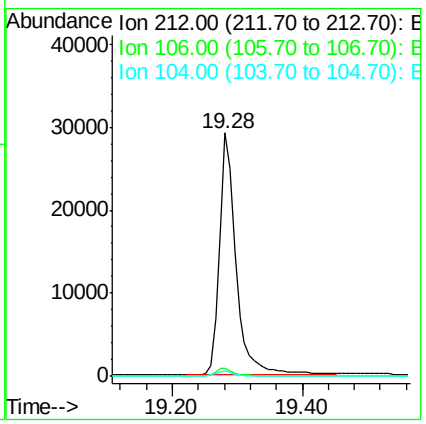


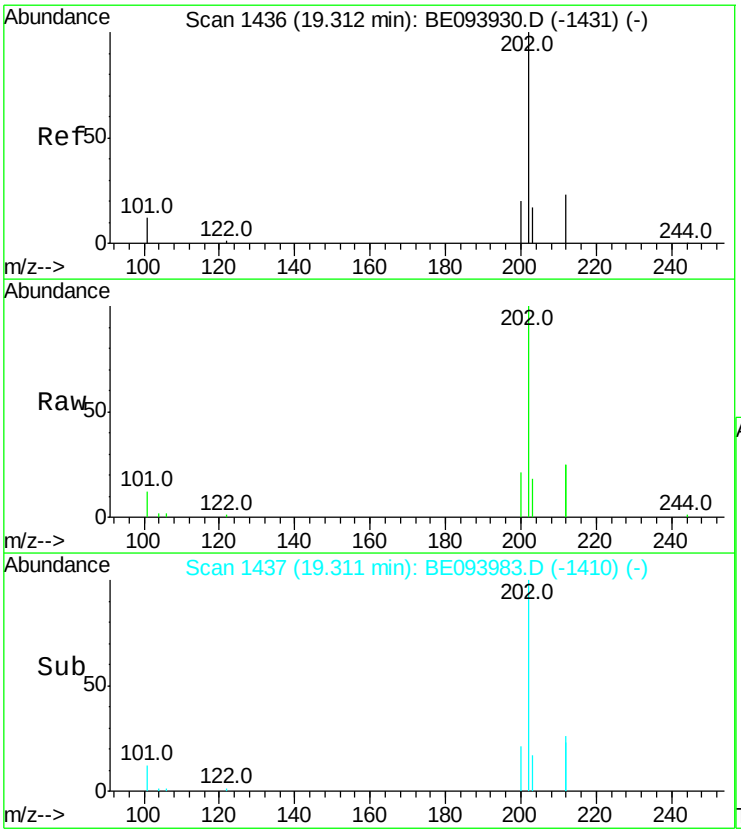
#25
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 51938

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4

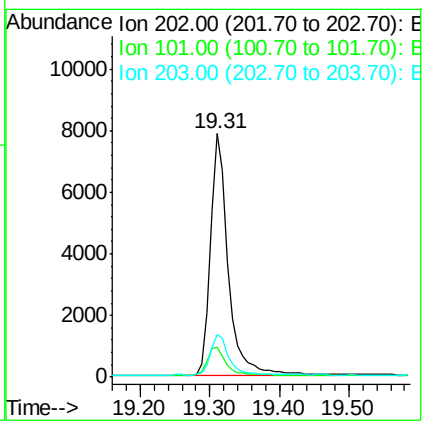


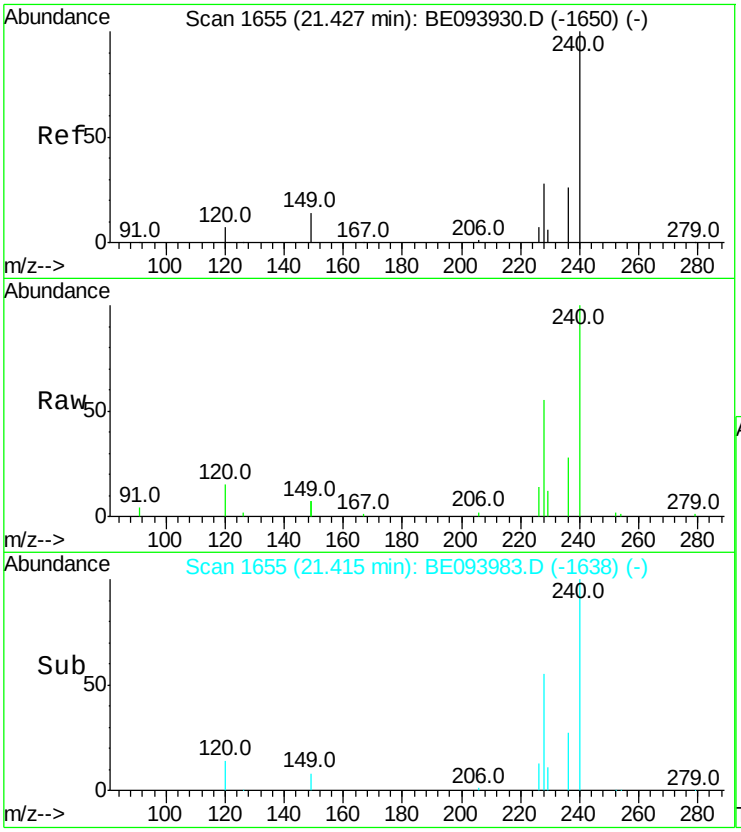


#26
Fluoranthene
Concen: 0.251 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:202 Resp: 13927

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
203	17.1	13.7	20.5



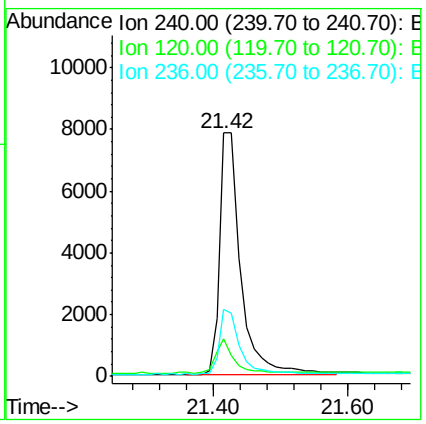


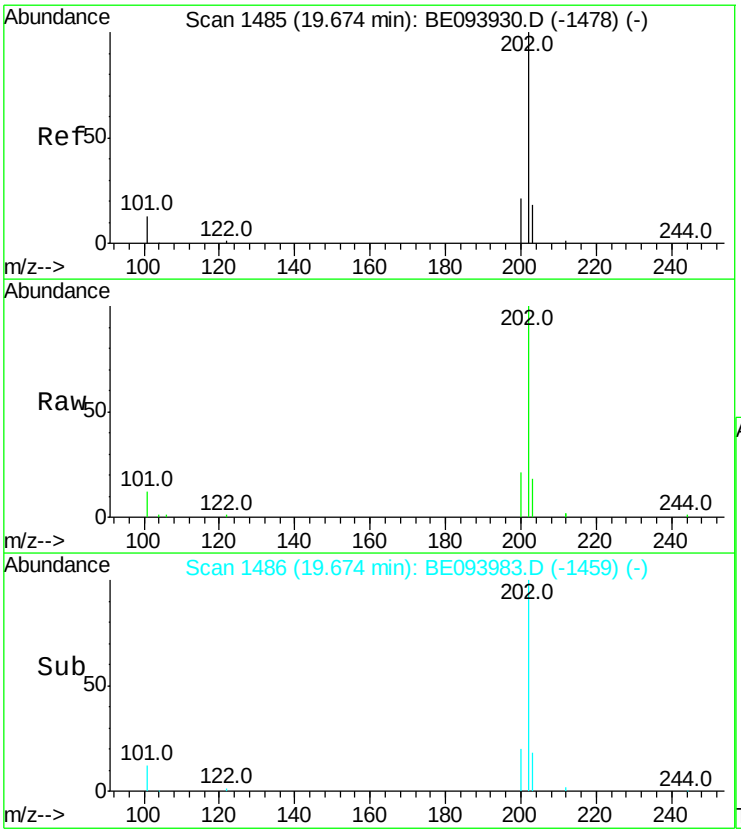
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17155

Ion	Ratio	Lower	Upper
240	100		
120	15.4	8.7	13.1#
236	27.6	21.3	31.9

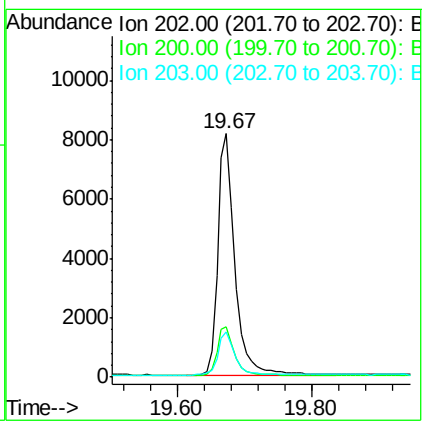


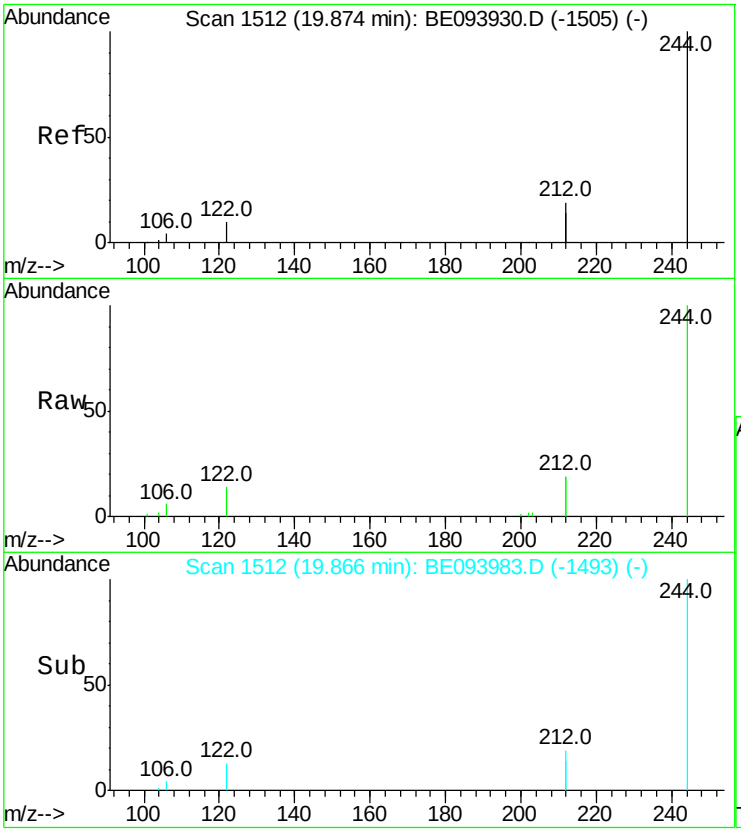


#28
Pyrene
Concen: 0.244 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:202 Resp: 14379

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	18.0	14.2	21.4



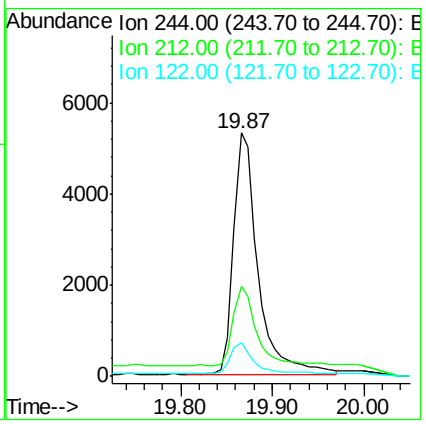


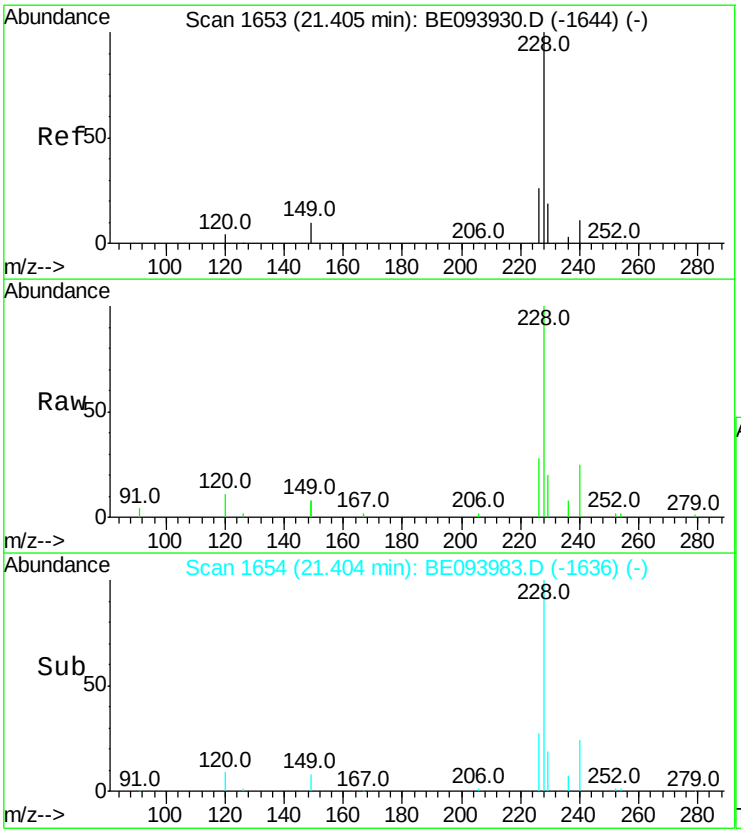
#29
Terphenyl-d14
Concen: 0.308 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9730

Ion	Ratio	Lower	Upper
244	100		
212	37.2	28.3	42.5
122	14.1	9.4	14.0#

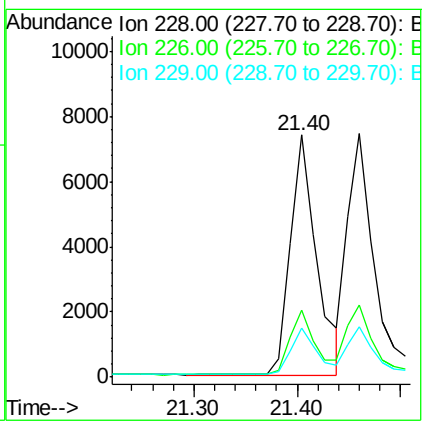


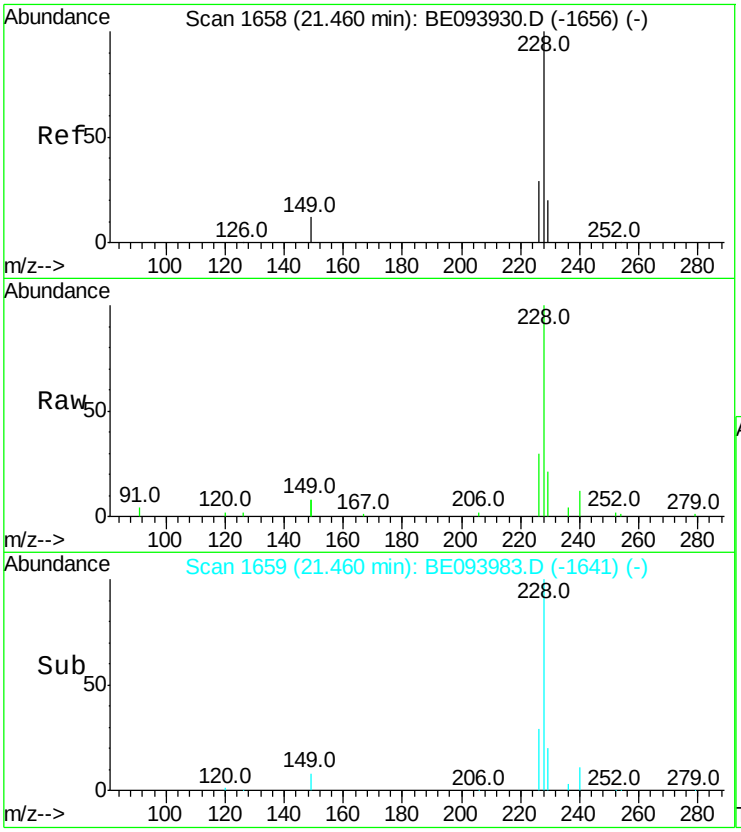


#30
Benzo(a)anthracene
Concen: 0.246 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:228 Resp: 12961

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.8	31.2
229	20.0	16.6	25.0



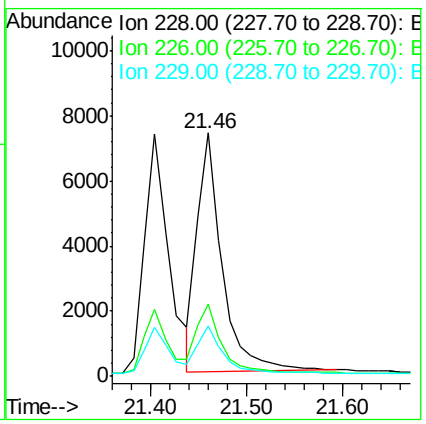


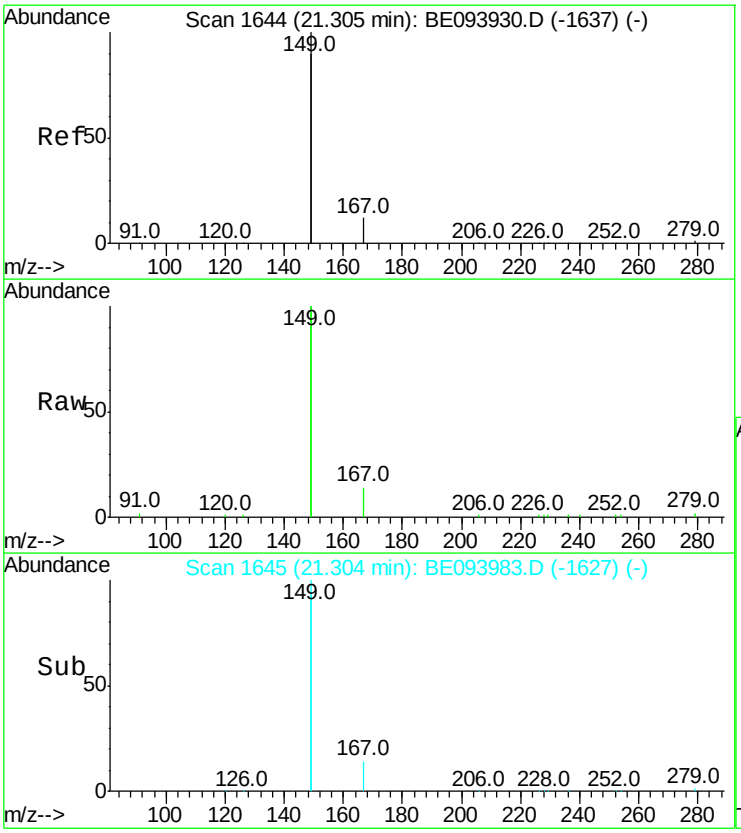
#31
Chrysene
Concen: 0.239 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 13321

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	37.0
229	20.8	15.8	23.8

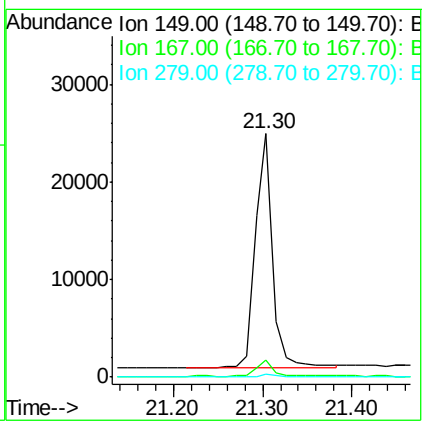


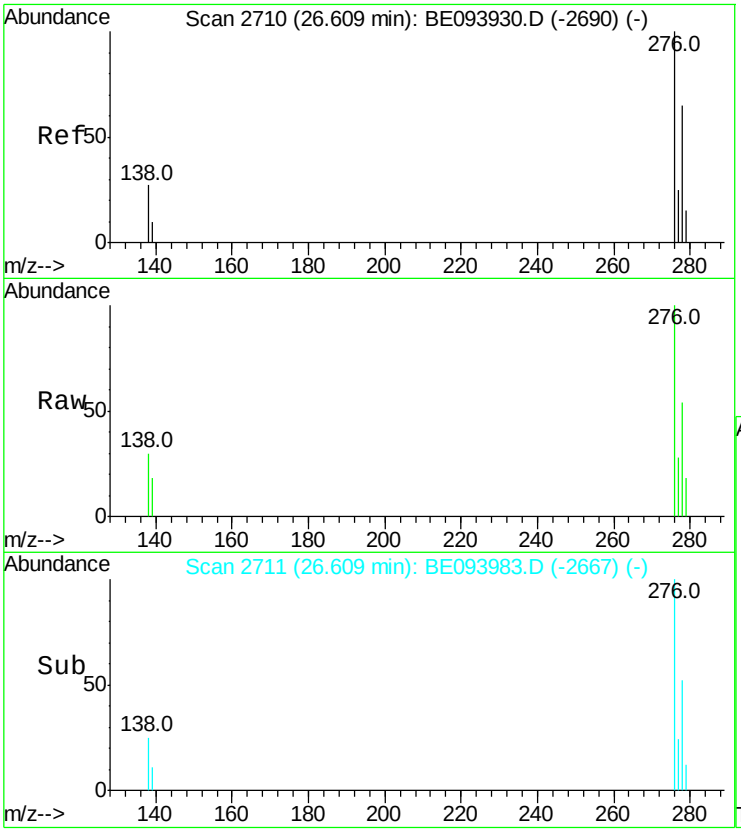


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.253 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:149 Resp: 32384

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



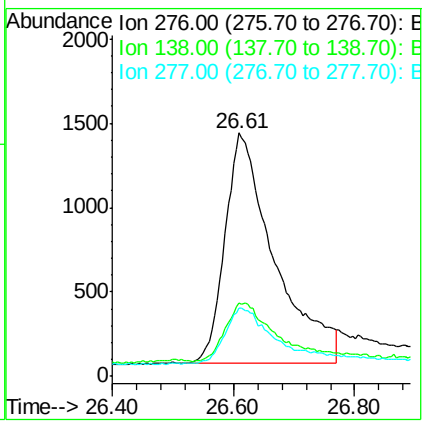


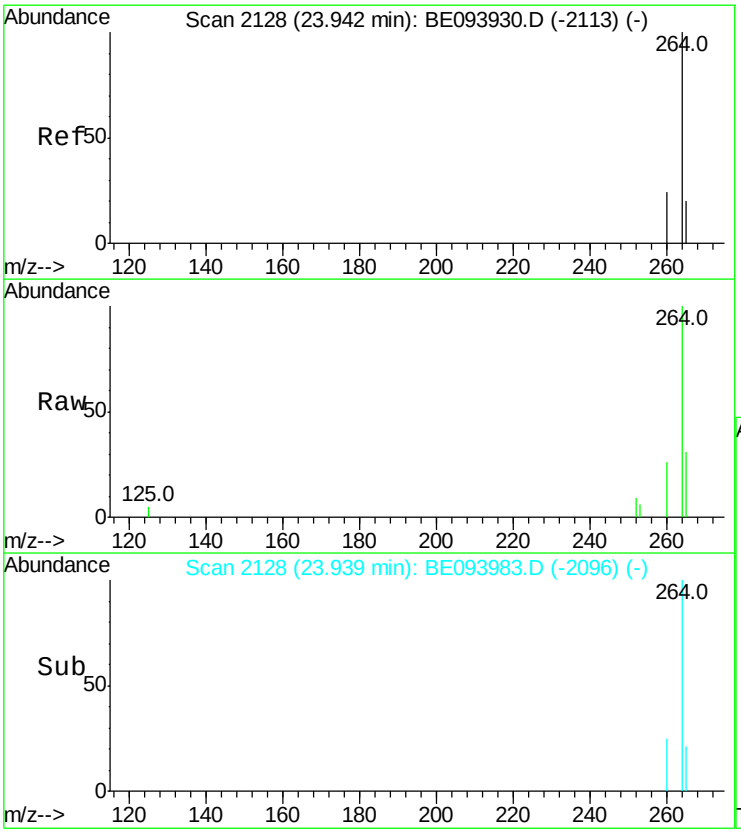
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7714

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.2	33.2
277	22.7	19.5	29.3

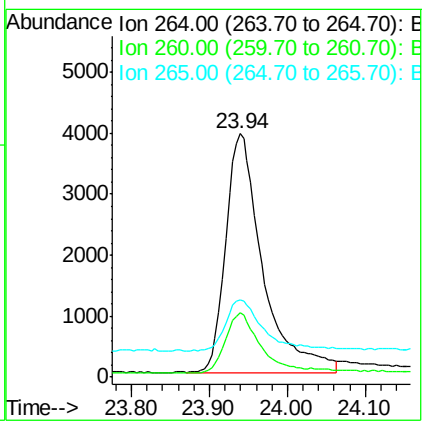


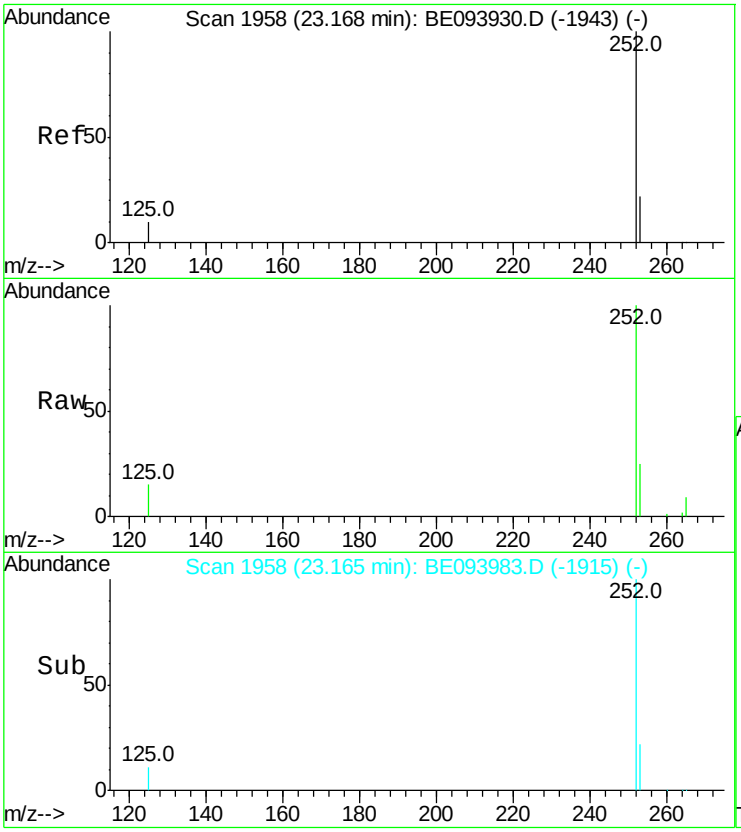


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:264 Resp: 12877

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.0	30.0
265	31.5	24.0	36.0



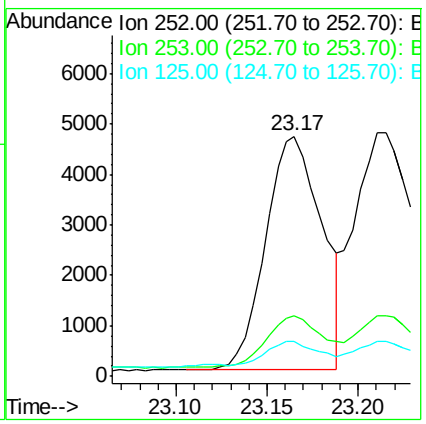


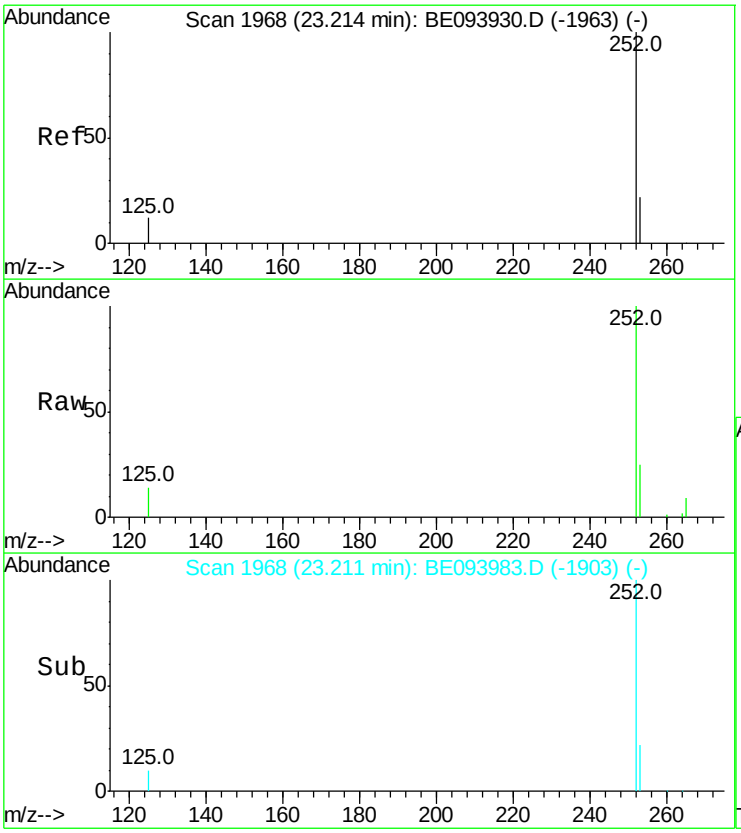
#35
Benzo(b)fluoranthene
Concen: 0.244 ng
RT: 23.17 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9997

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.4	29.0
125	14.8	10.0	15.0

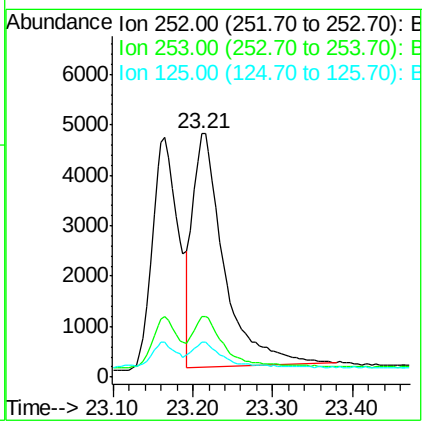


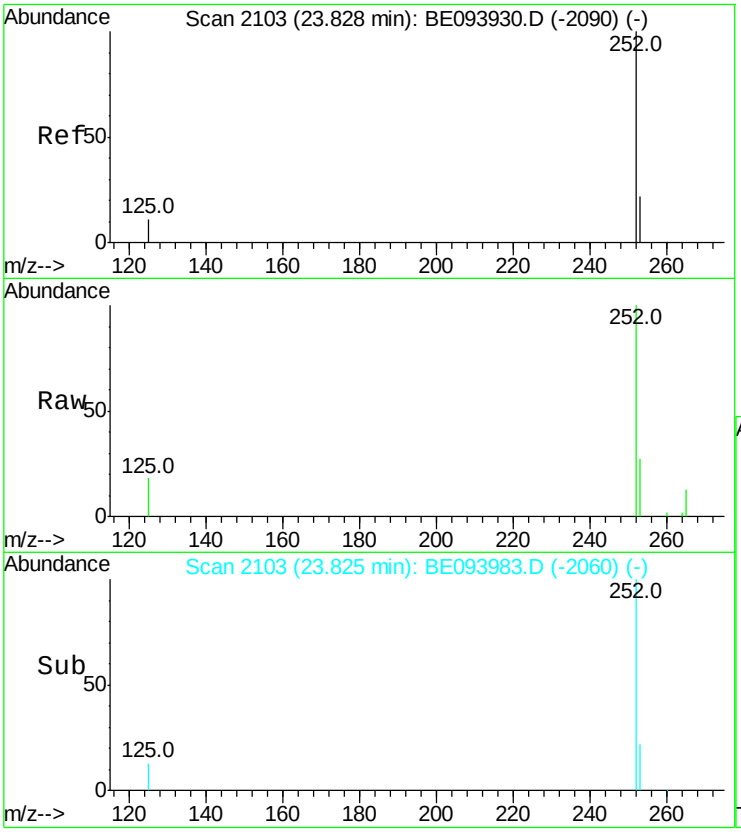


#36
Benzo(k)fluoranthene
Concen: 0.252 ng
RT: 23.21 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:252 Resp: 12641

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	14.2	9.8	14.6



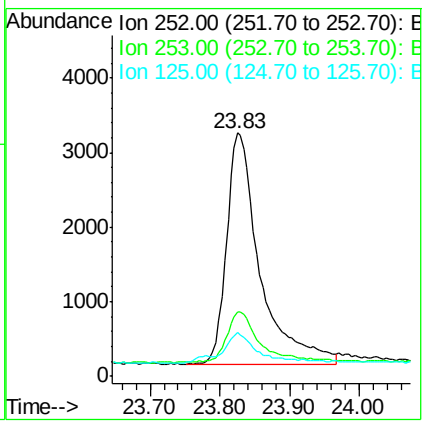


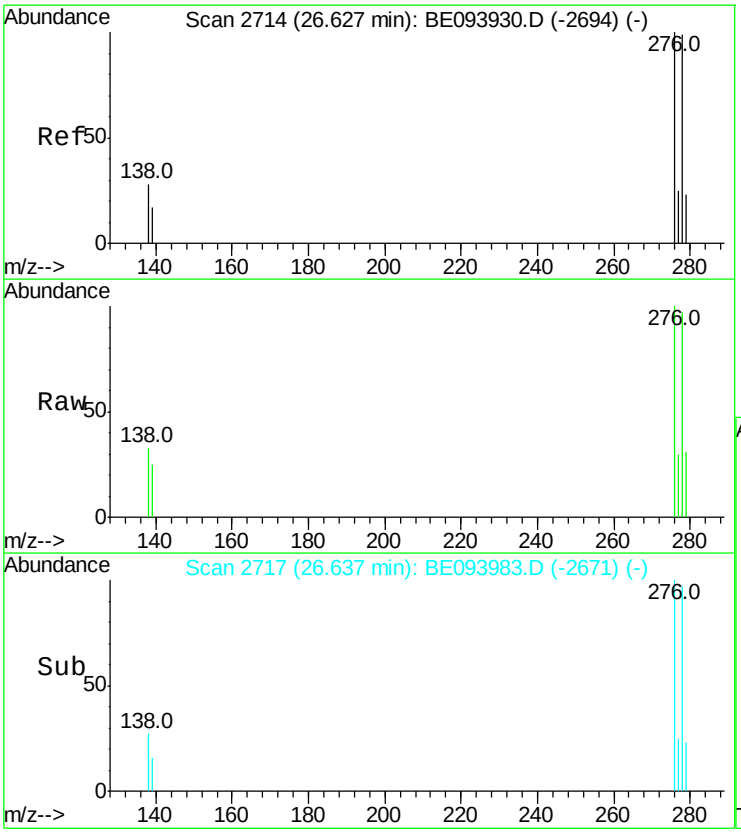
#37
Benzo(a)pyrene
Concen: 0.249 ng
RT: 23.83 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10412

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.6	29.4
125	18.1	11.8	17.8#

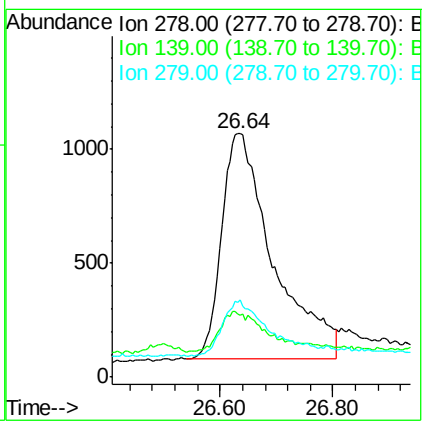


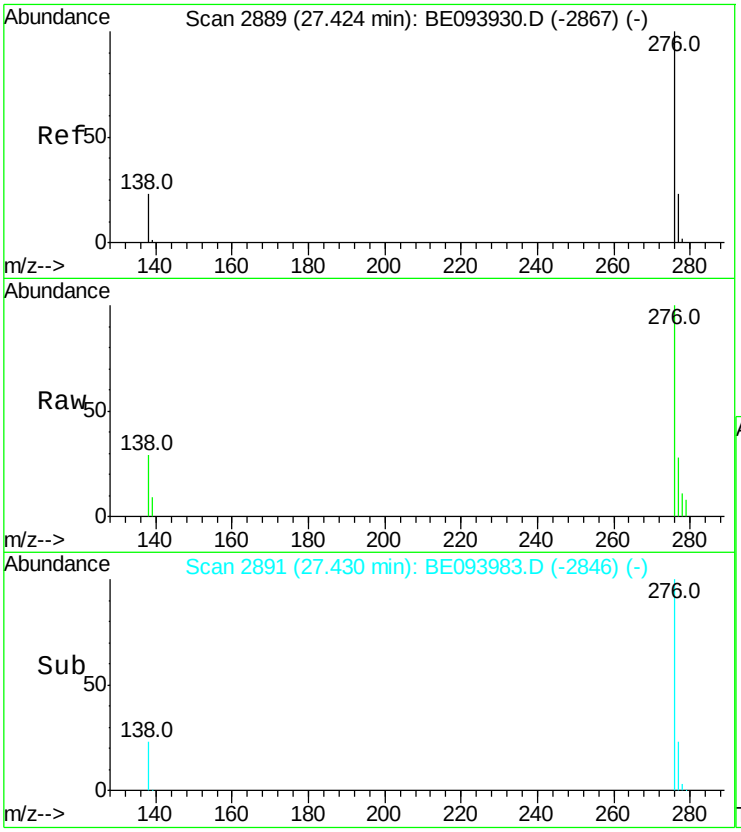


#38
Dibenzo(a,h)anthracene
Concen: 0.223 ng
RT: 26.64 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Tgt Ion:278 Resp: 6177

Ion	Ratio	Lower	Upper
278	100		
139	25.5	16.7	25.1#
279	31.7	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.233 ng
RT: 27.43 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BE093983.D
Acq: 13 Sep 2017 11:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6792

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.6	30.8
138	28.5	21.9	32.9