Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070317\
Data File : BE093422.D
Acq On : 3 Jul 2017 10:35
Operator : SJ/JU
Sample : I3842-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 03 15:05:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3557	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	16860	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	9365	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	25009	0.40	ng		0.00
27) Chrysene-d12	21.43	240	37856	0.40	ng		0.00
34) Perylene-d12	23.94	264	33940	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2494	0.23	ng		0.00
5) Phenol-d6	7.10	99	3631	0.23	ng		0.00
8) Nitrobenzene-d5	9.08	82	2877	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	4302	0.16	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	581	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	6123	0.17	ng		0.00
25) Fluoranthene-d10	19.29	212	49851	0.17	ng		0.00
29) Terphenyl-d14	19.88	244	8768	0.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	1324	0.18	ng	#	79
3) n-Nitrosodimethylamine	3.75	42	1168	0.34	ng	#	95
6) bis(2-Chloroethyl)ether	7.36	93	2667	0.22	ng	#	98
9) Naphthalene	10.77	128	41439	0.23	ng	#	73
10) Hexachlorobutadiene	11.08	225	1176	0.18	ng		98
12) 2-Methylnaphthalene	12.38	142	6547	0.22	ng		97
16) Acenaphthylene	14.26	152	12679	0.33	ng	#	86
17) Acenaphthene	14.60	154	8005	0.28	ng		96
18) Fluorene	15.58	166	10954	0.28	ng	#	83
20) 4-Bromophenyl-phenylether	16.45	248	2513	0.18	ng	#	25
21) Hexachlorobenzene	16.58	284	2486	0.17	ng	#	100
22) Pentachlorophenol	16.91	266	1443	0.74	ng	#	77
23) Phenanthrene	17.30	178	113905	1.25	ng		99
24) Anthracene	17.30	178	113720	2.04	ng		98
26) Fluoranthene	19.32	202	233381	2.73	ng		99
28) Pyrene	19.67	202	233428	2.19	ng	#	88
30) Benzo(a)anthracene	21.40	228	151708	1.48	ng		93
31) Chrysene	21.46	228	154010	1.44	ng		95
32) Bis(2-ethylhexyl)phthalate	21.33	149	122311	0.83	ng	#	65
33) Indeno(1,2,3-cd)pyrene	26.58	276	89432	0.95	ng	#	91
35) Benzo(b)fluoranthene	23.16	252	181942	1.66	ng		97
36) Benzo(k)fluoranthene	23.16	252	181942	1.68	ng		98
37) Benzo(a)pyrene	23.71	252	80105	0.83	ng		99
38) Dibenzo(a,h)anthracene	26.60	278	30640	0.33	ng		99
39) Benzo(g,h,i)perylene	27.40	276	89048	0.95	ng	#	92

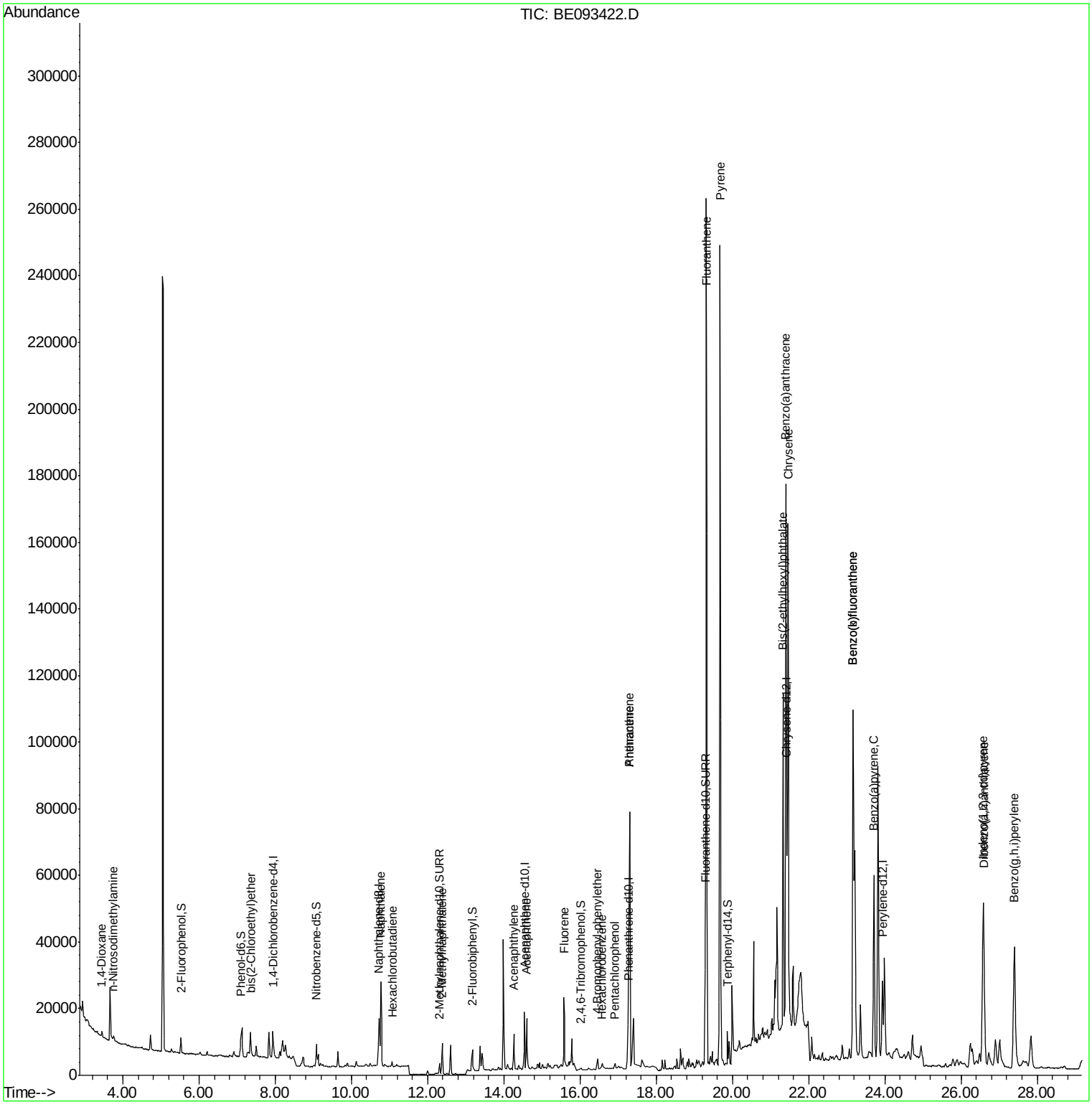
(#) = qualifier out of range (m) = manual integration (+) = signals summed

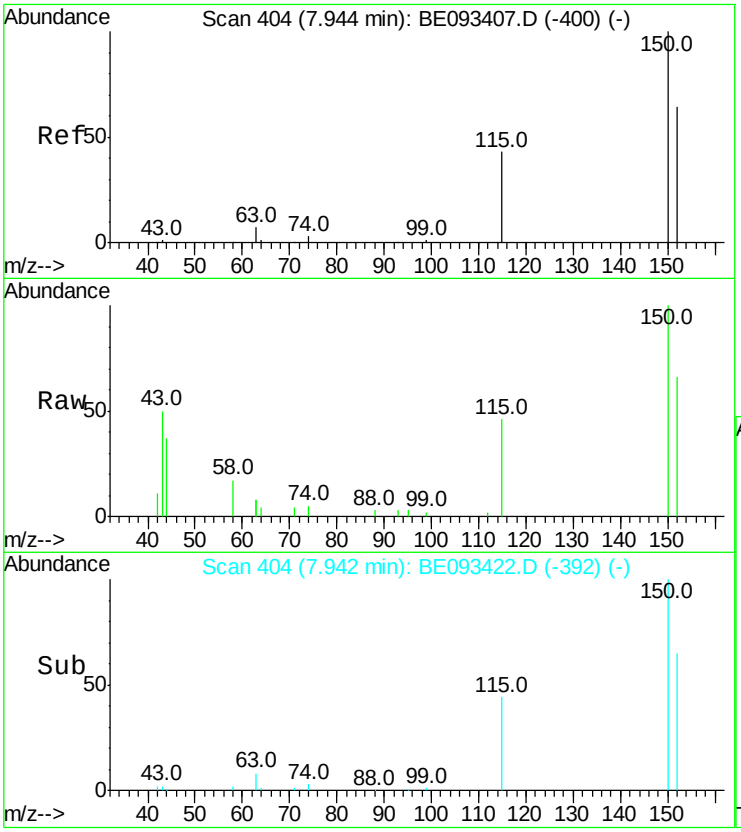
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070317\
Data File : BE093422.D
Acq On : 3 Jul 2017 10:35
Operator : SJ/JU
Sample : I3842-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 03 15:05:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



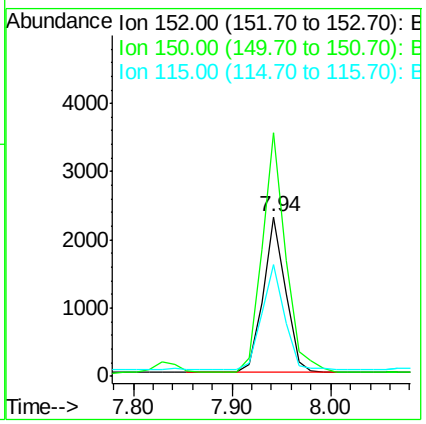


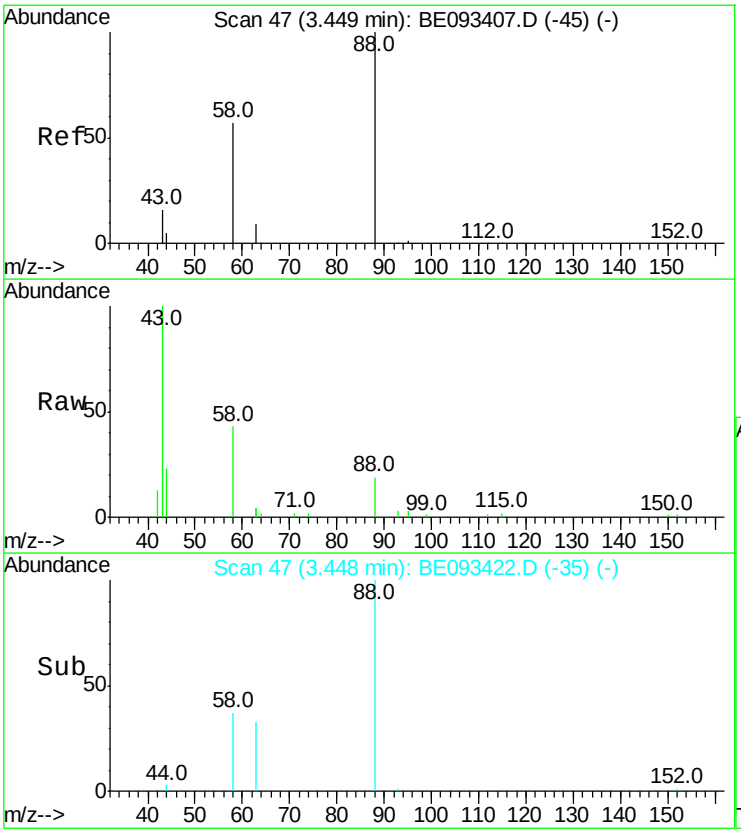
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3557

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.1	187.7
115	70.5	55.7	83.5

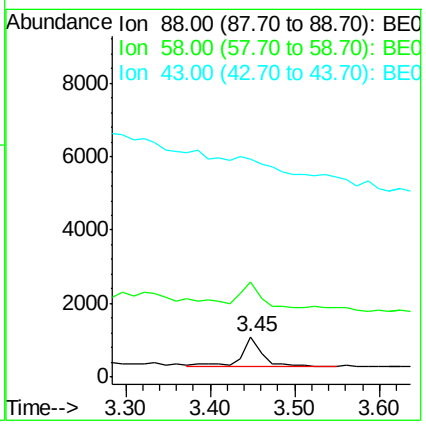


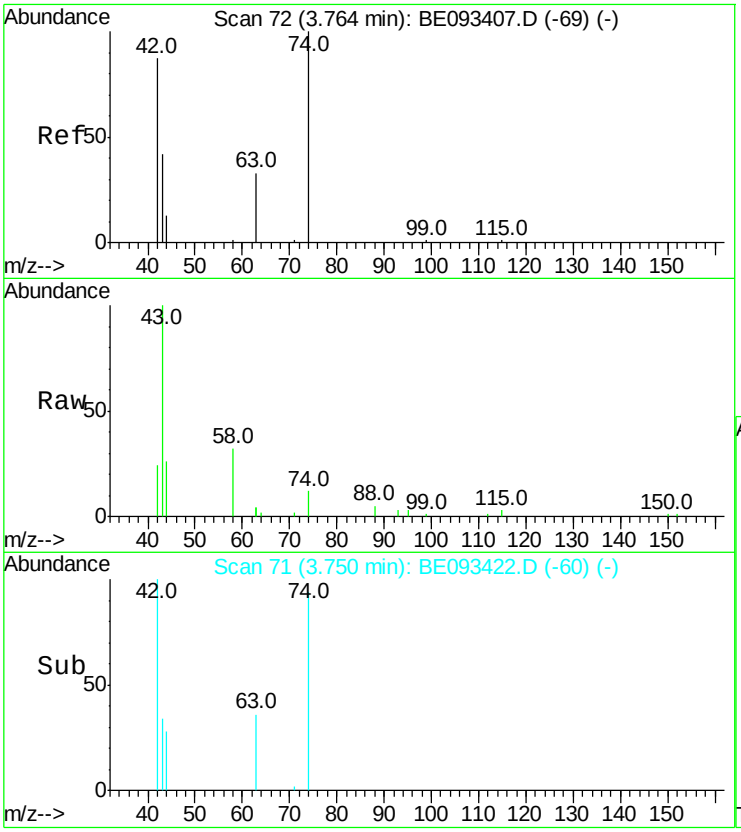


#2
1,4-Dioxane
Concen: 0.18 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion: 88 Resp: 1324

Ion	Ratio	Lower	Upper
88	100		
58	84.7	62.2	93.4
43	0.0	23.2	34.8#



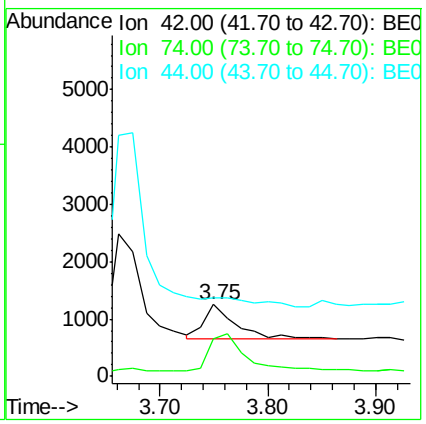


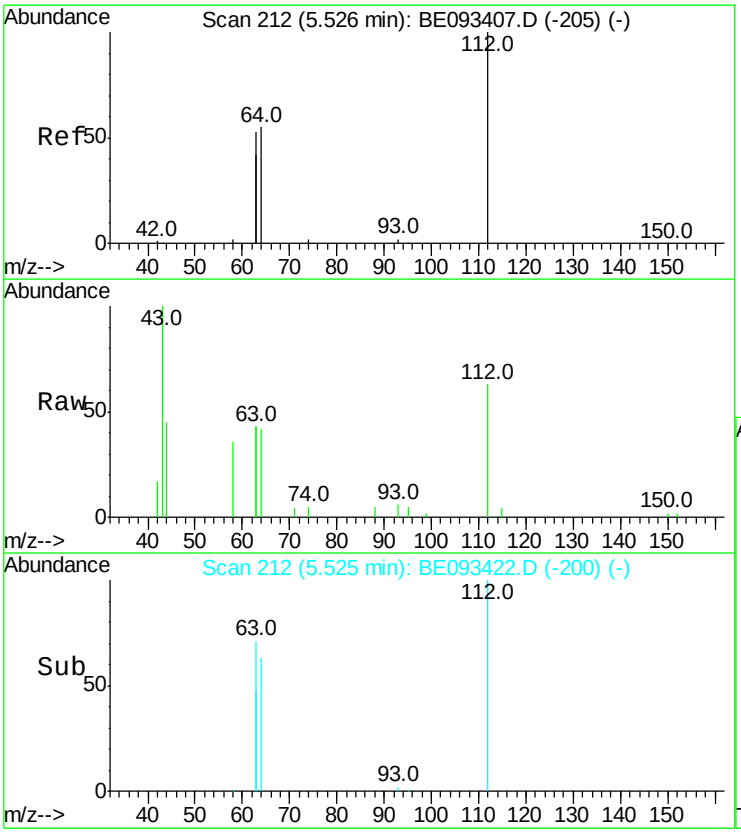
#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1168

Ion	Ratio	Lower	Upper
42	100		
74	127.5	99.1	148.7
44	0.0	7.4	11.2#

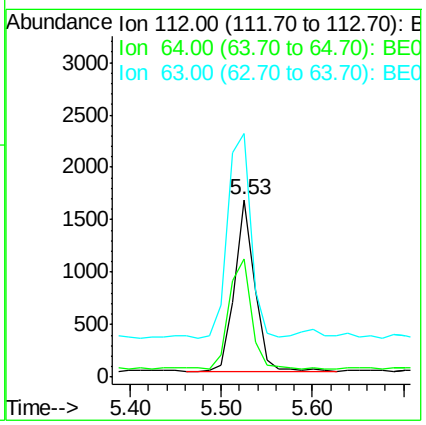


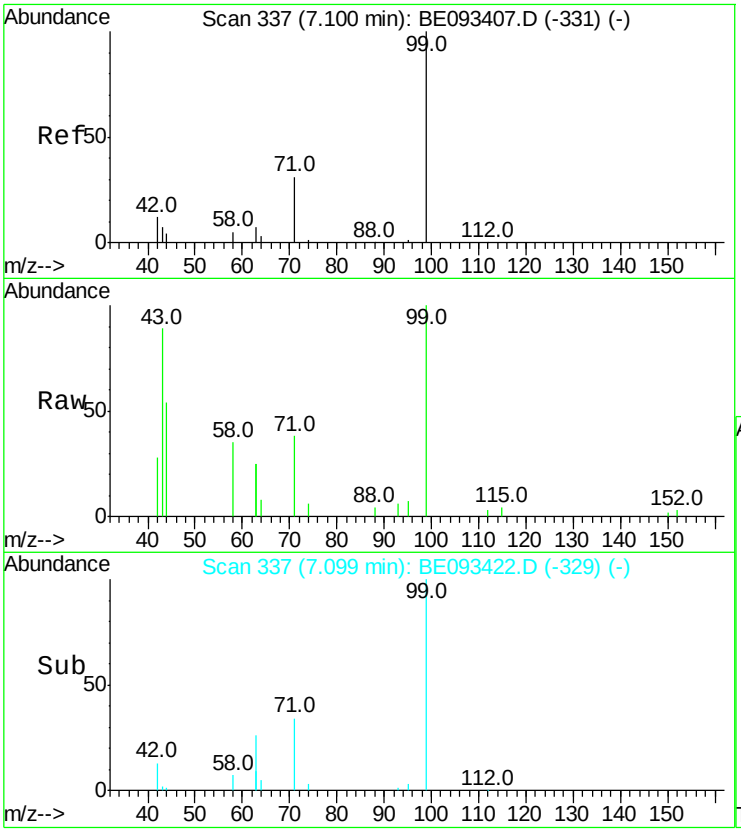


#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:112 Resp: 2494

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	137.4	29.3	43.9#



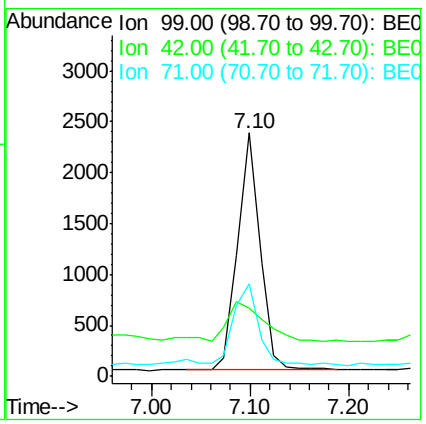


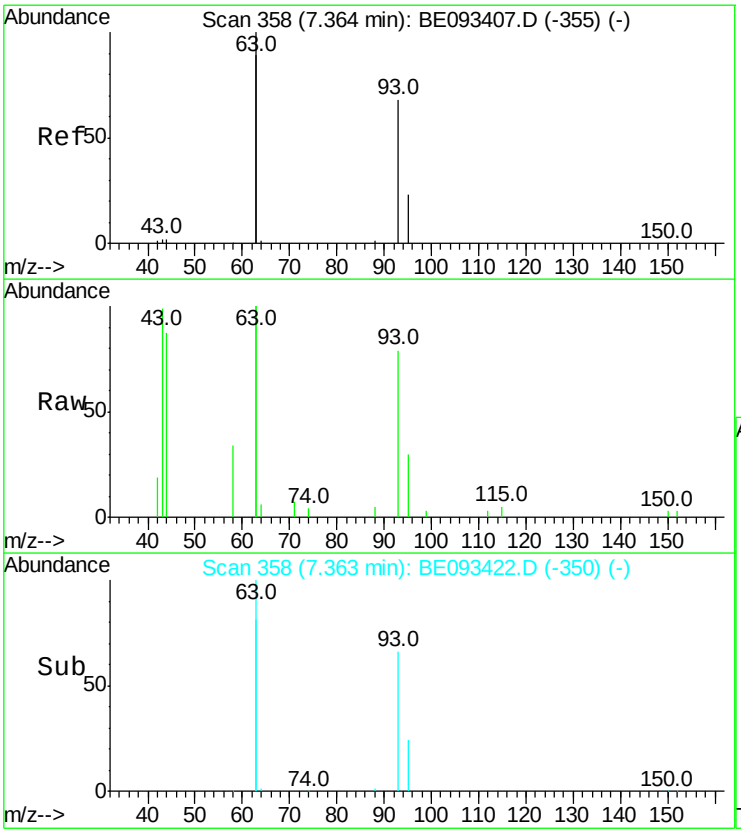
#5
Phenol-d6
Concen: 0.23 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3631

Ion	Ratio	Lower	Upper
99	100		
42	29.2	0.0	0.0#
71	39.6	0.0	0.0#

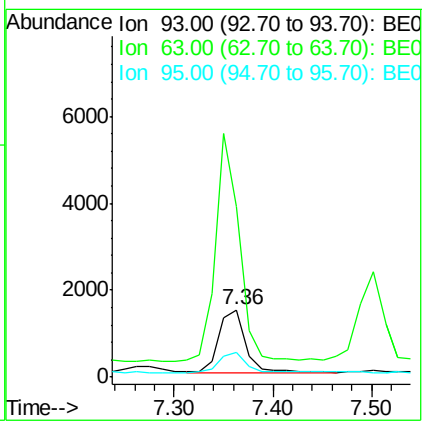


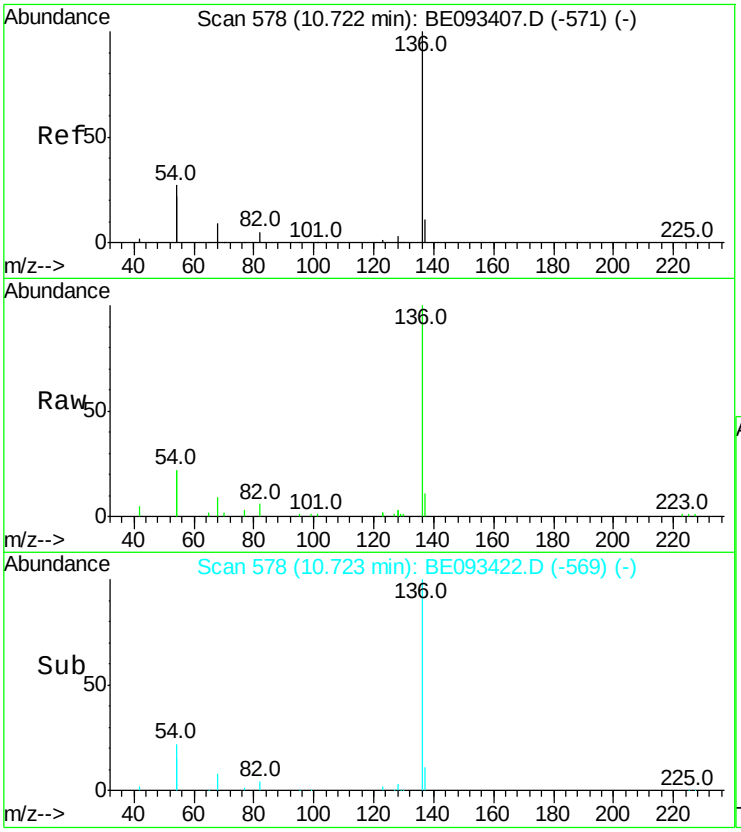


#6
bis(2-Chloroethyl)ether
Concen: 0.22 ng
RT: 7.36 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion: 93 Resp: 2667

Ion	Ratio	Lower	Upper
93	100		
63	325.8	0.0	0.0#
95	32.5	25.4	38.0



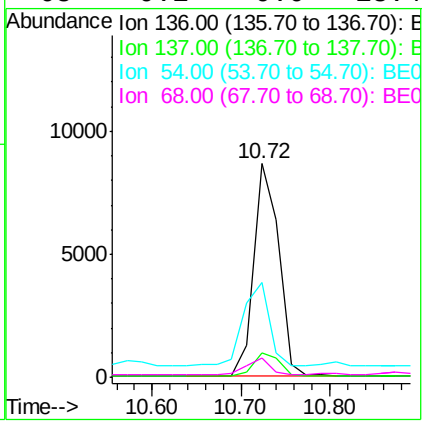


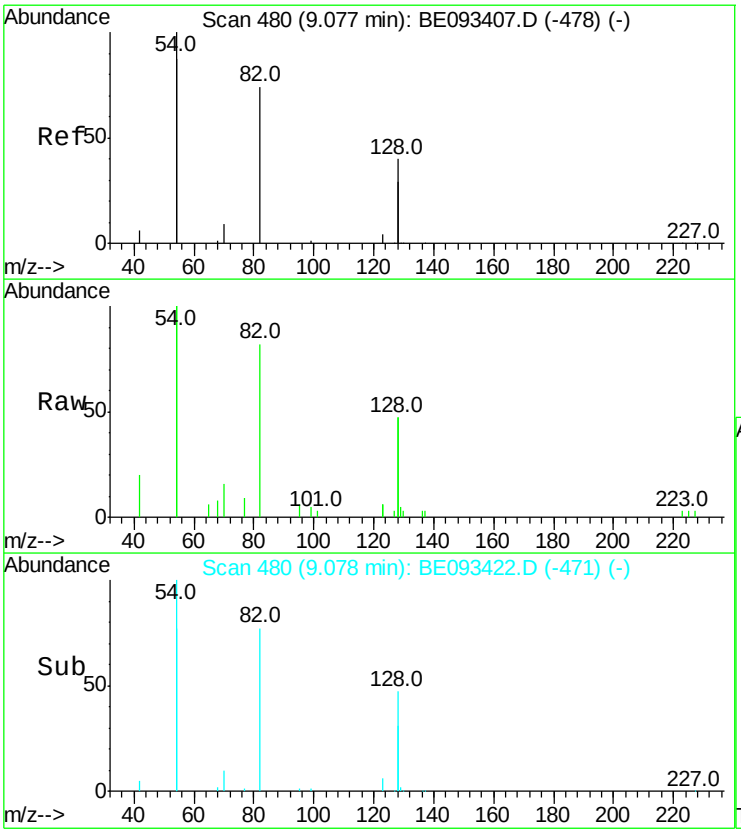
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16860

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	44.5	10.3	15.5#
68	9.1	9.0	13.4

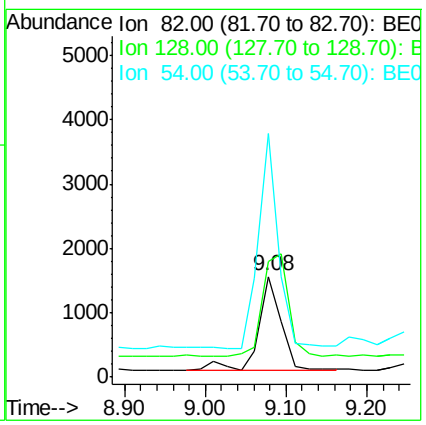


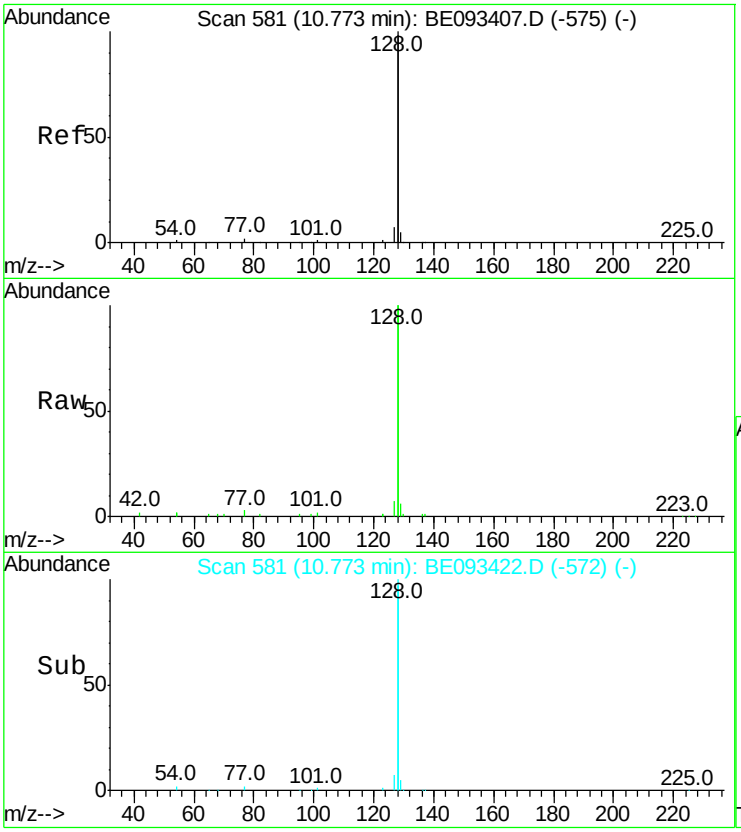


#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion: 82 Resp: 2877

Ion	Ratio	Lower	Upper
82	100		
128	114.8	17.0	25.4#
54	242.7	53.8	80.6#



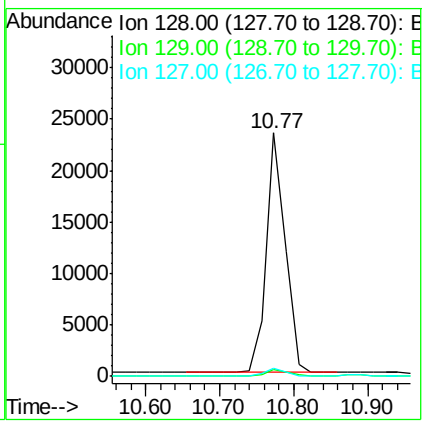


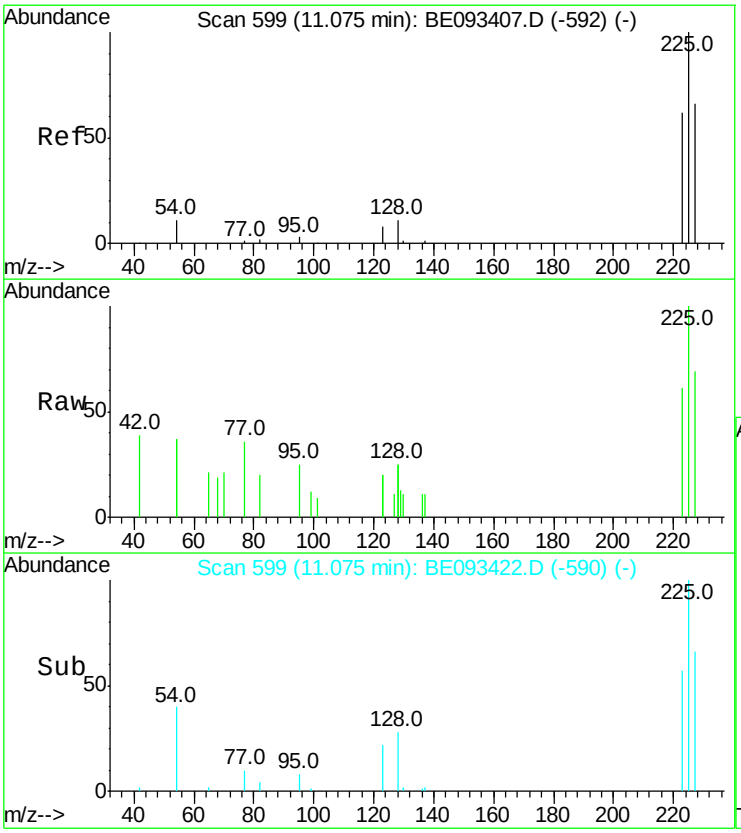
#9
Naphthalene
Concen: 0.23 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 41439

Ion	Ratio	Lower	Upper
128	100		
129	3.0	11.4	17.0#
127	3.6	11.2	16.8#

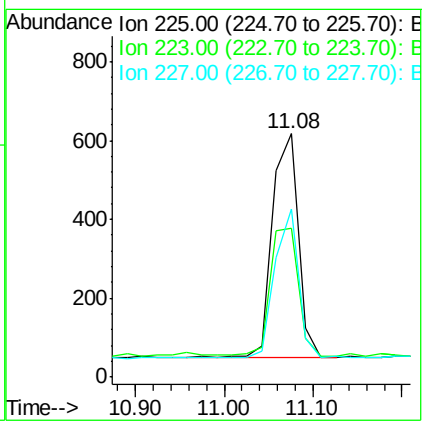


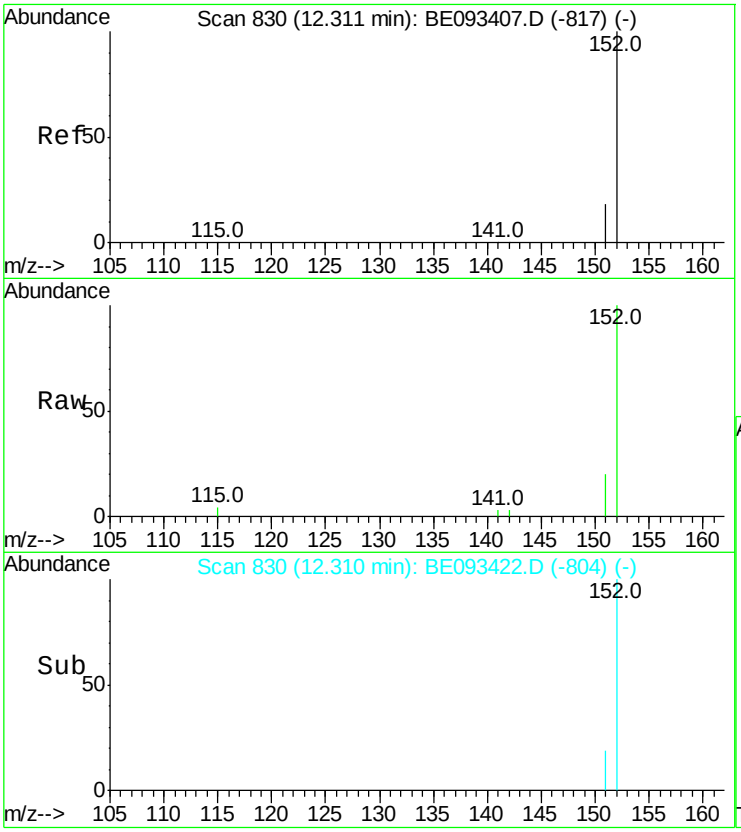


#10
Hexachlorobutadiene
Concen: 0.18 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:225 Resp: 1176

Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.7	74.5
227	60.7	50.3	75.5



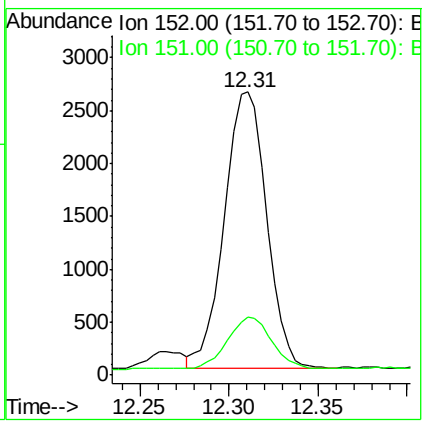


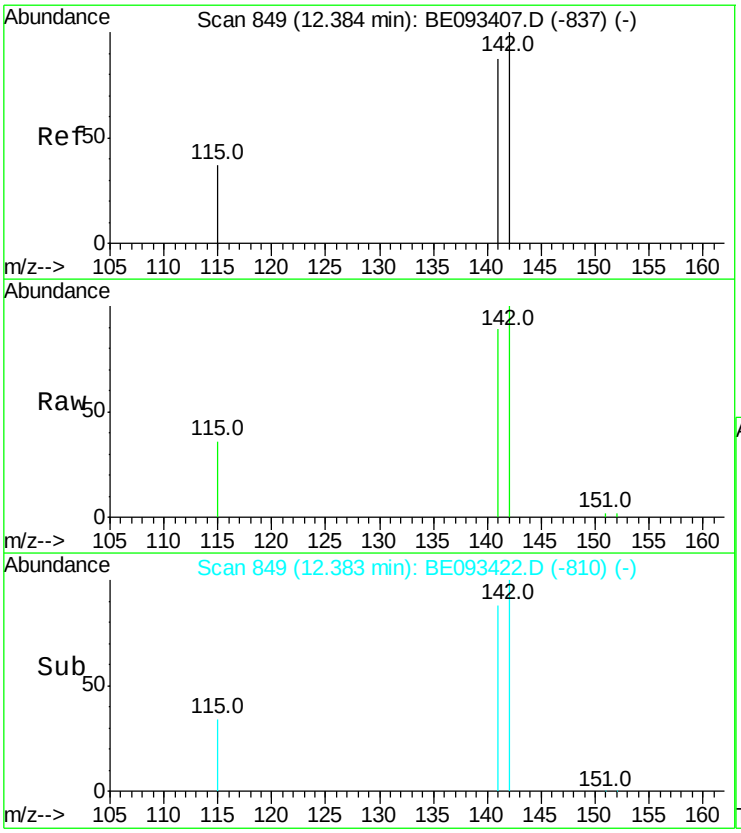
#11
2-Methylnaphthalene-d10
Concen: 0.16 ng
RT: 12.31 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4302

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7

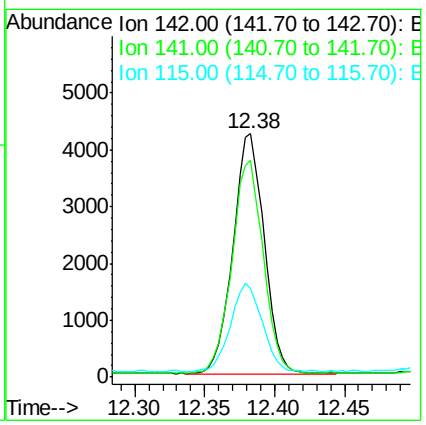


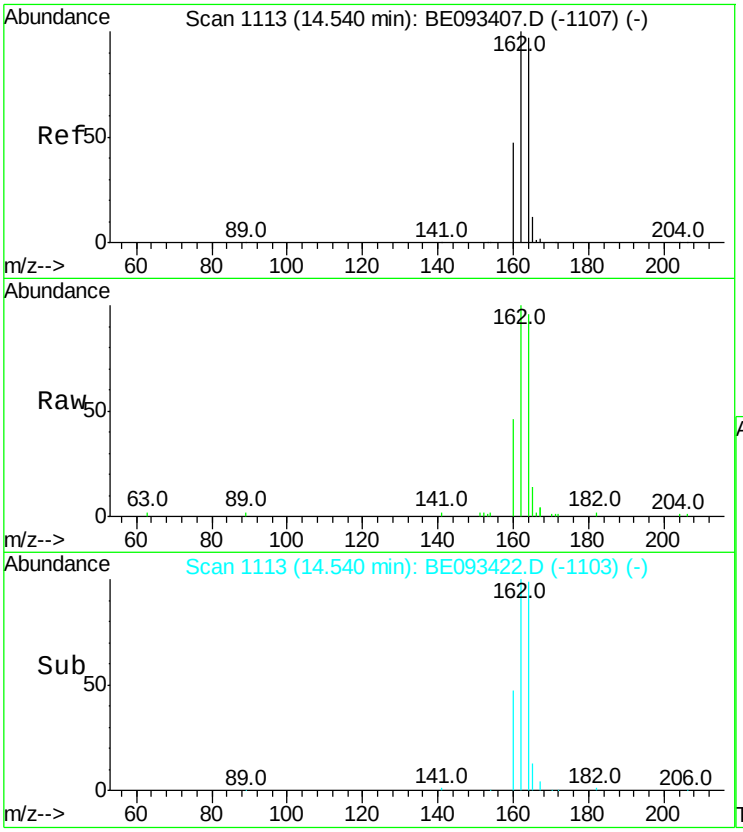


#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.38 min Scan# 849
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:142 Resp: 6547

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8
115	36.4	32.2	48.2



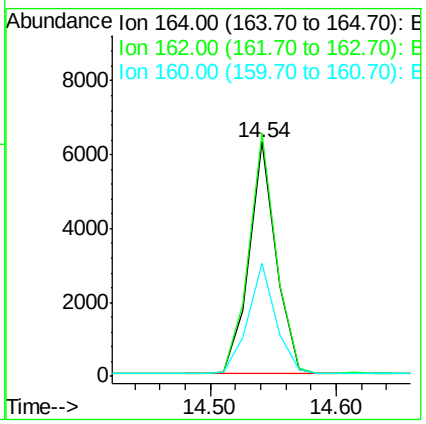


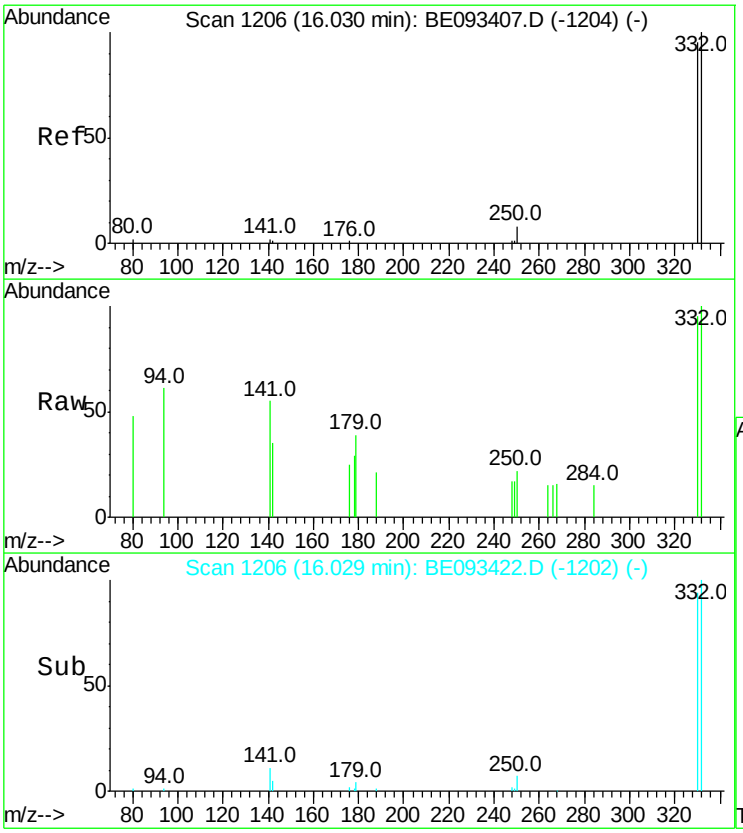
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9365

Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.6	127.0
160	48.0	41.8	62.6

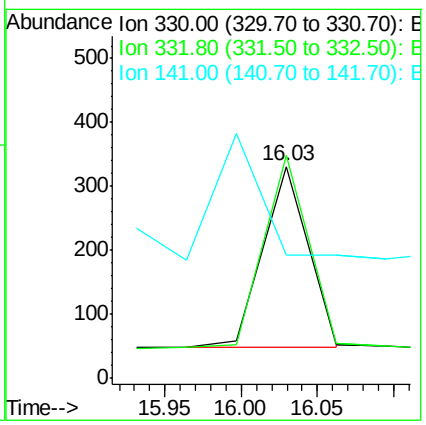


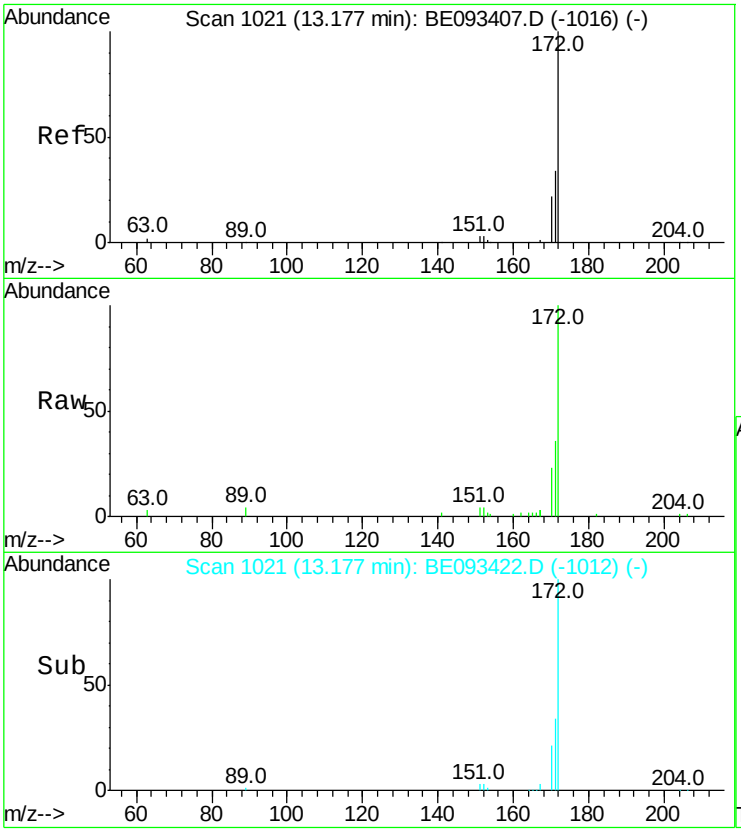


#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:330 Resp: 581

Ion	Ratio	Lower	Upper
330	100		
332	105.3	77.7	116.5
141	0.0	56.2	84.4#



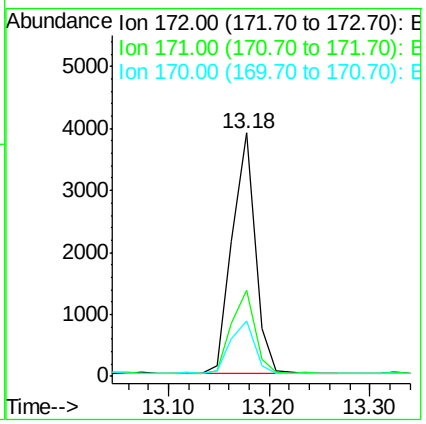


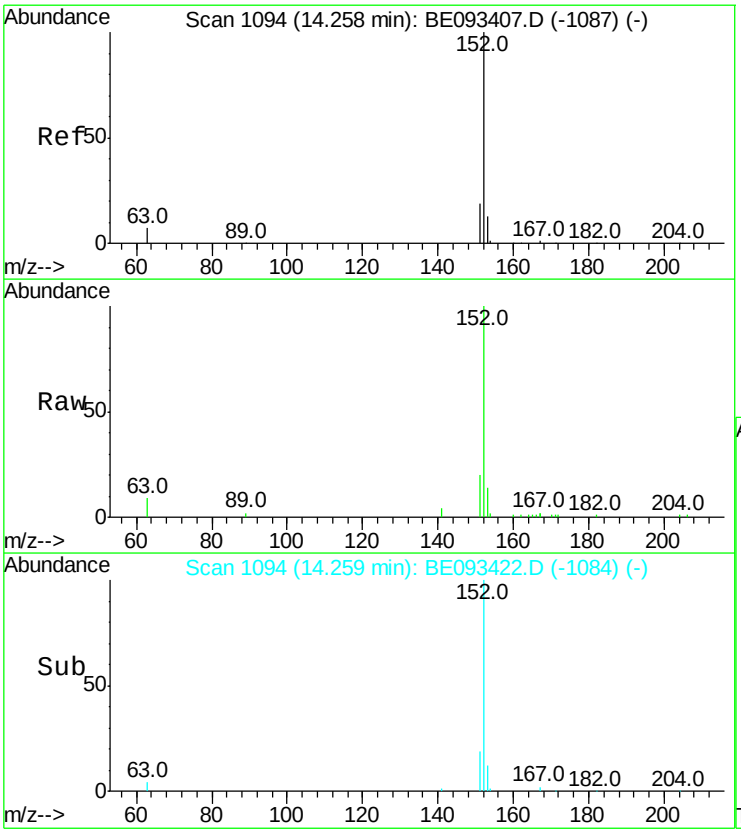
#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6123

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	22.7	20.7	31.1

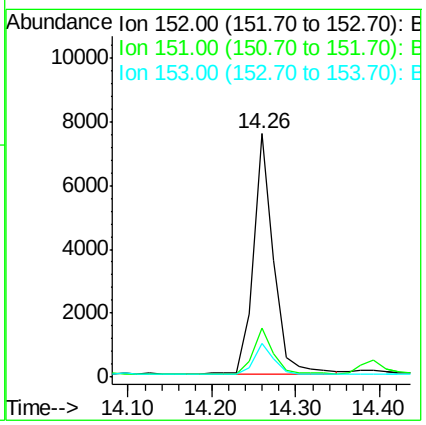


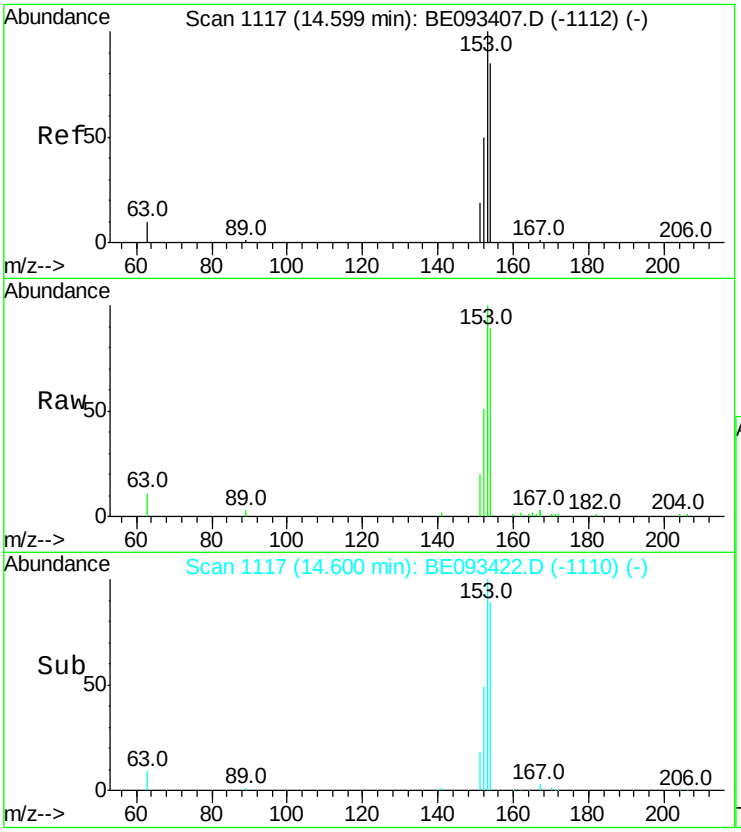


#16
Acenaphthylene
Concen: 0.33 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:152 Resp: 12679

Ion	Ratio	Lower	Upper
152	100		
151	19.9	4.0	6.0#
153	13.4	10.3	15.5



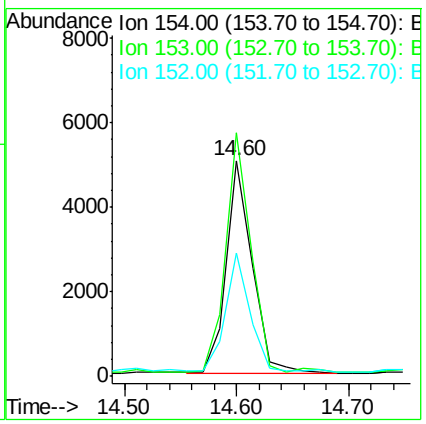


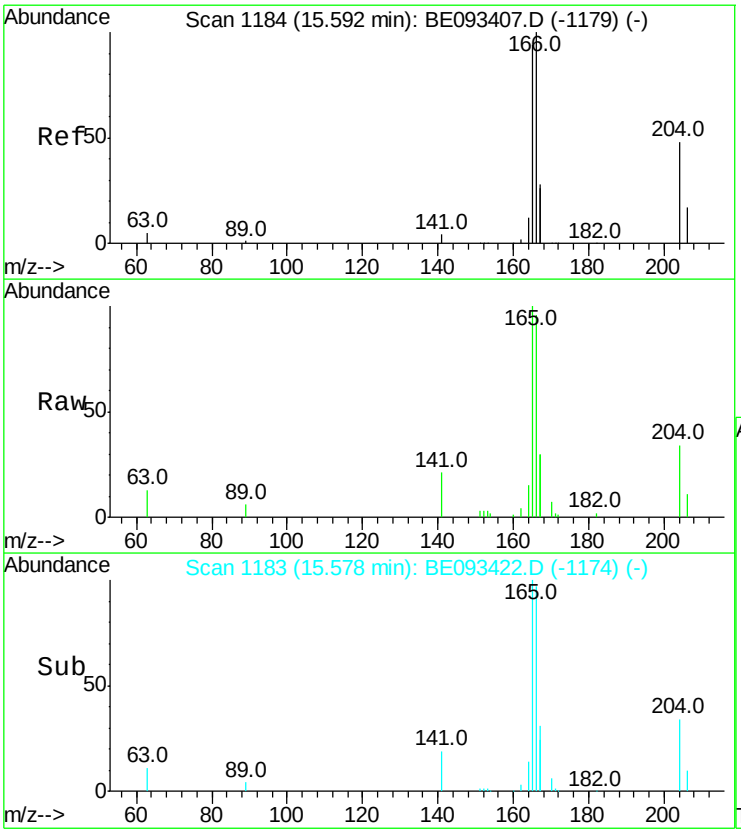
#17
Acenaphthene
Concen: 0.28 ng
RT: 14.60 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8005

Ion	Ratio	Lower	Upper
154	100		
153	109.6	91.2	136.8
152	53.6	44.8	67.2

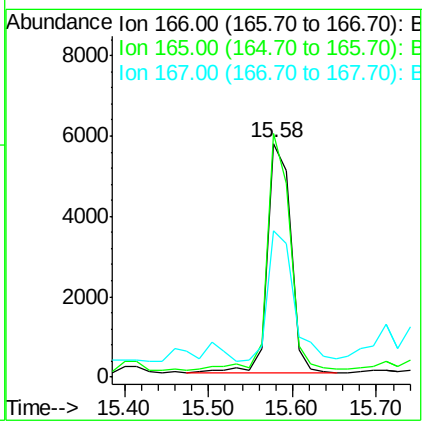


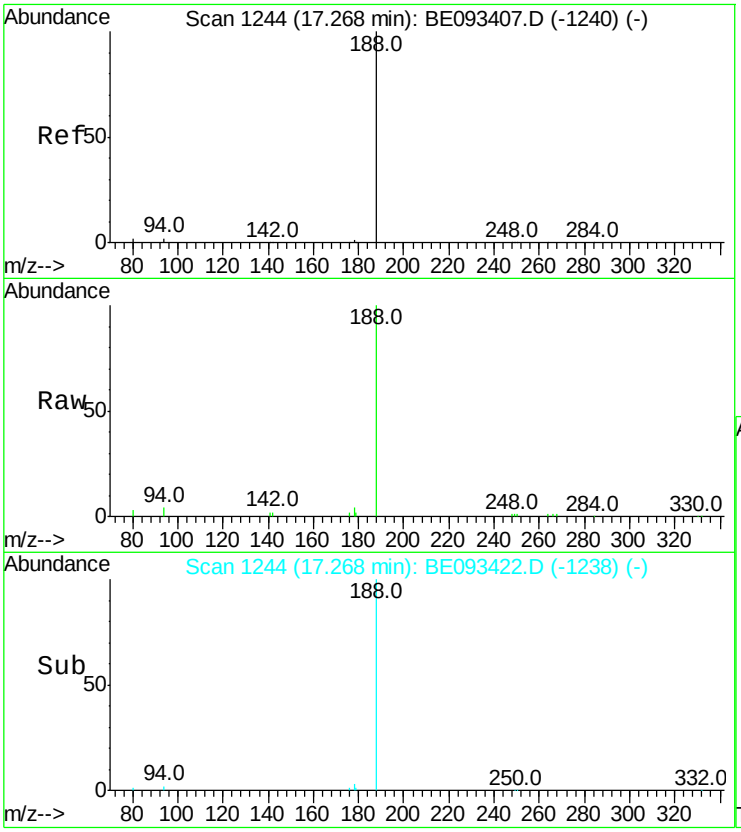


#18
Fluorene
Concen: 0.28 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:166 Resp: 10954

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	117.8
167	63.0	11.1	16.7#



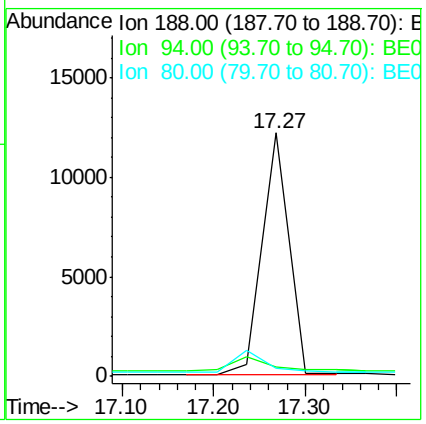


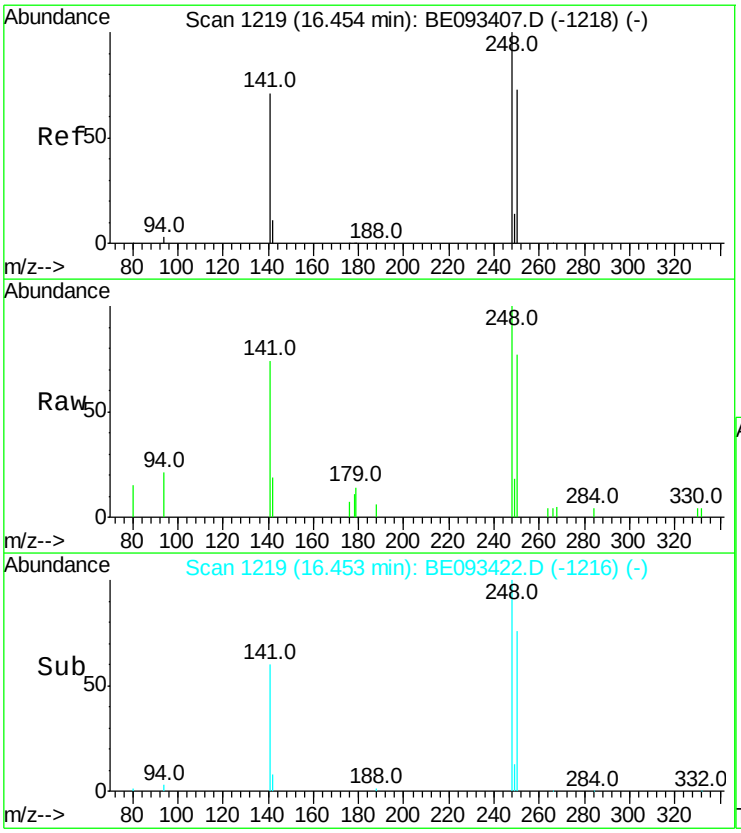
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 25009

Ion	Ratio	Lower	Upper
188	100		
94	4.1	11.3	16.9#
80	3.3	11.7	17.5#

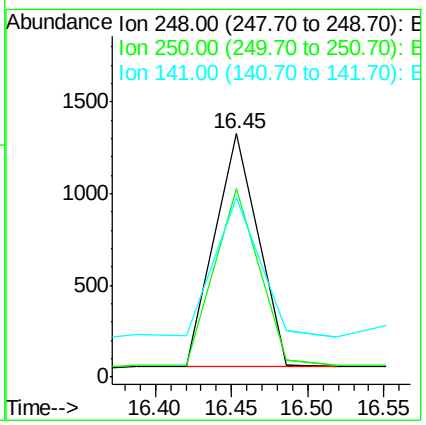


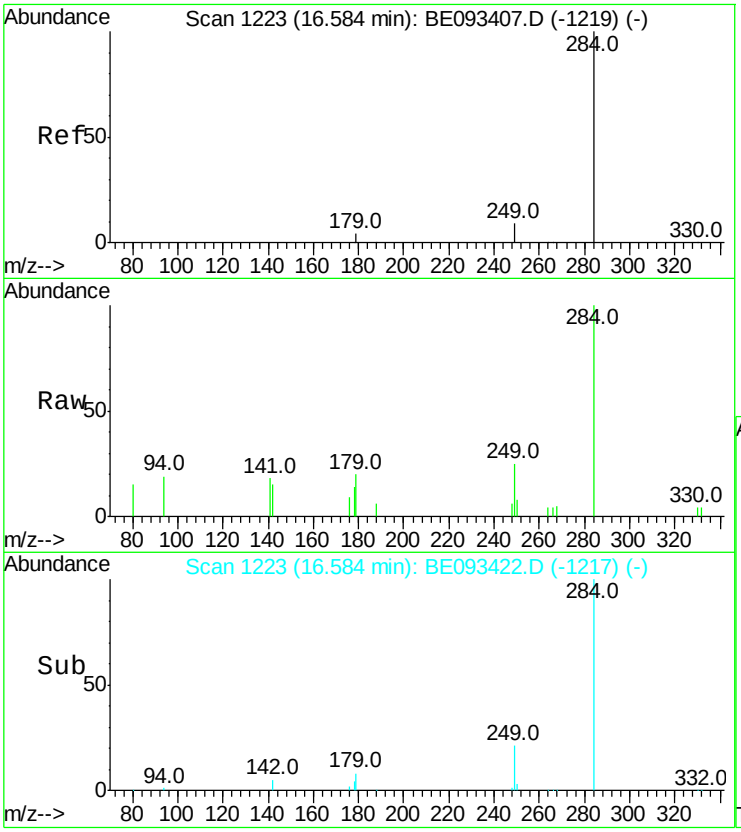


#20
4-Bromophenyl-phenylether
Concen: 0.18 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:248 Resp: 2513

Ion	Ratio	Lower	Upper
248	100		
250	77.2	40.8	61.2#
141	74.0	161.6	242.4#



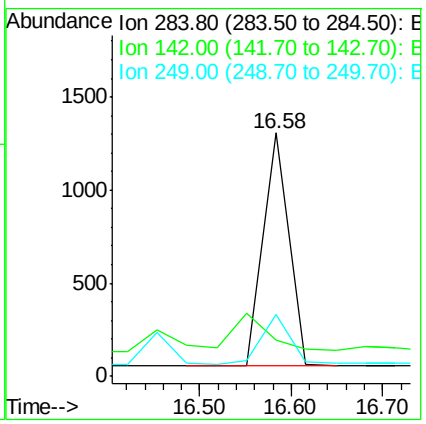


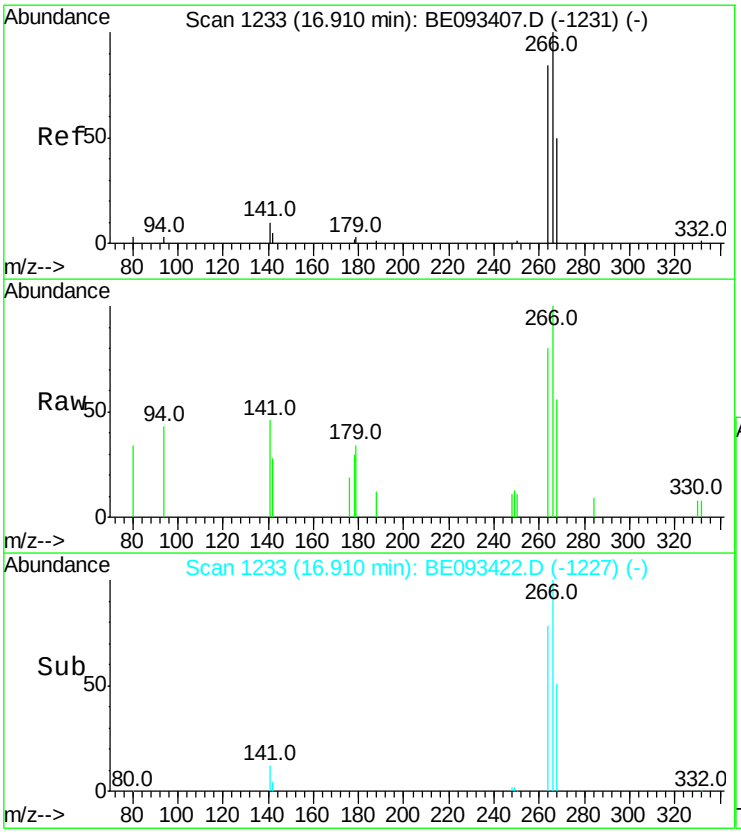
#21
Hexachlorobenzene
Concen: 0.17 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2486

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	23.9	0.0	0.0#

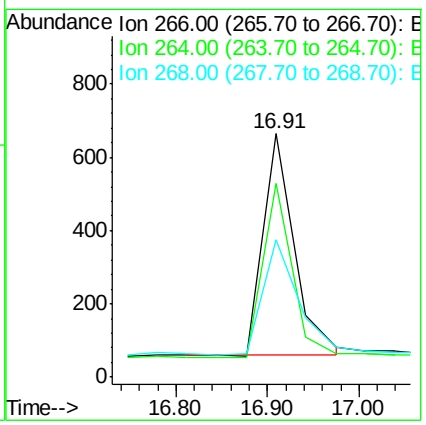


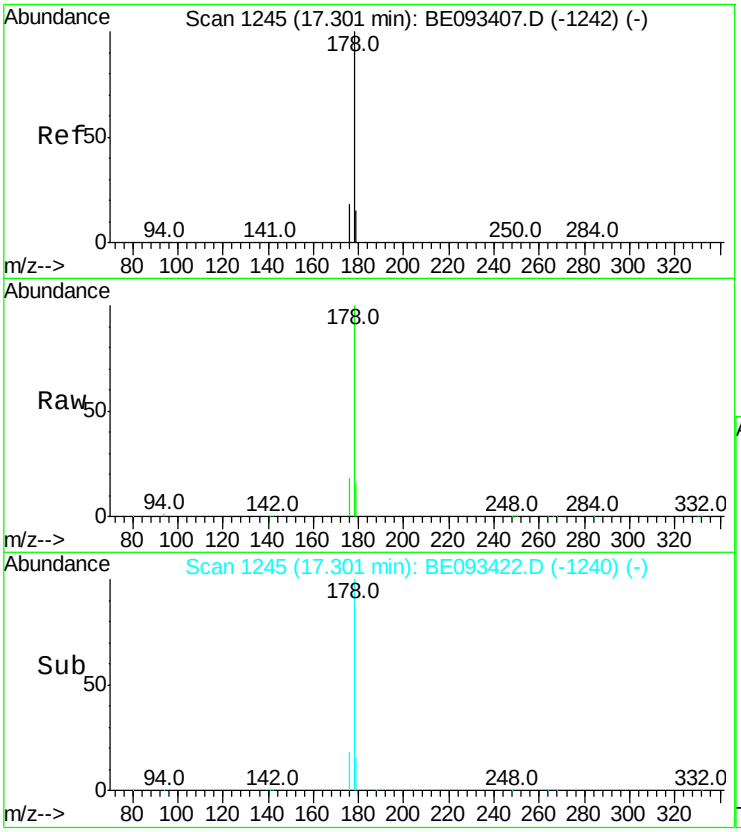


#22
Pentachlorophenol
Concen: 0.74 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:266 Resp: 1443

Ion	Ratio	Lower	Upper
266	100		
264	79.5	58.2	87.2
268	56.2	71.9	107.9#



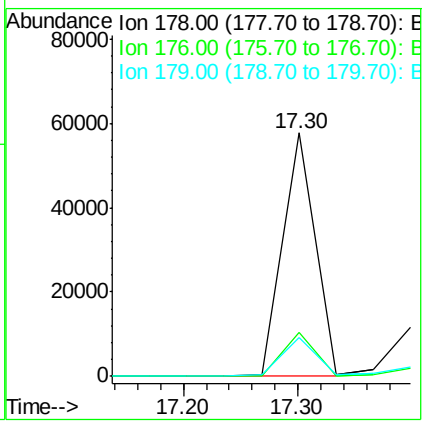


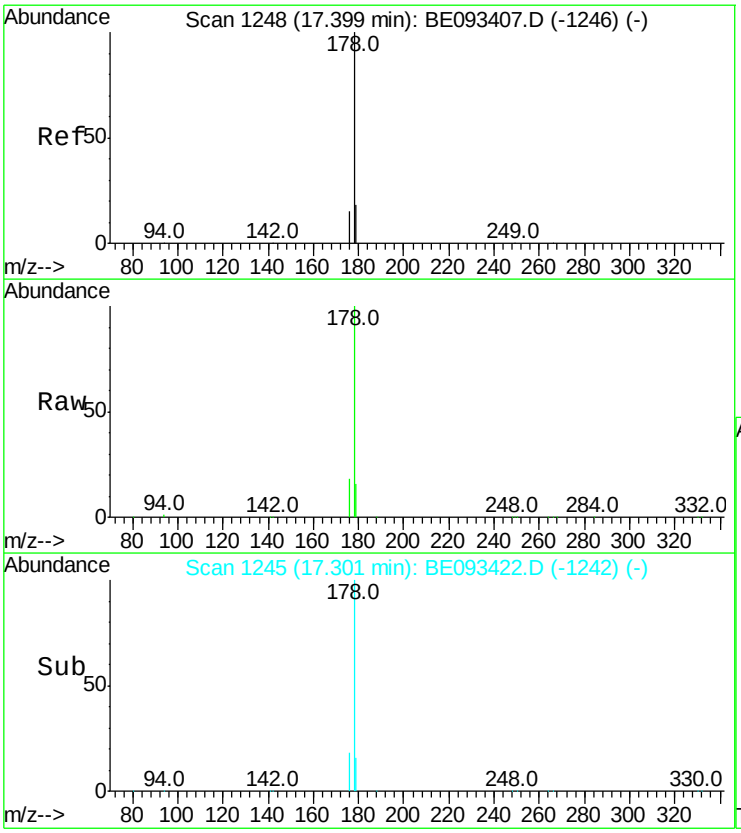
#23
Phenanthrene
Concen: 1.25 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 113905

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	16.1	12.7	19.1

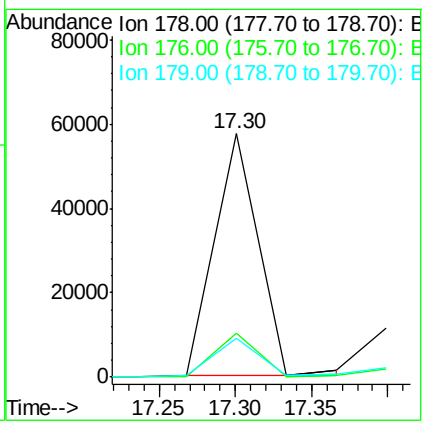


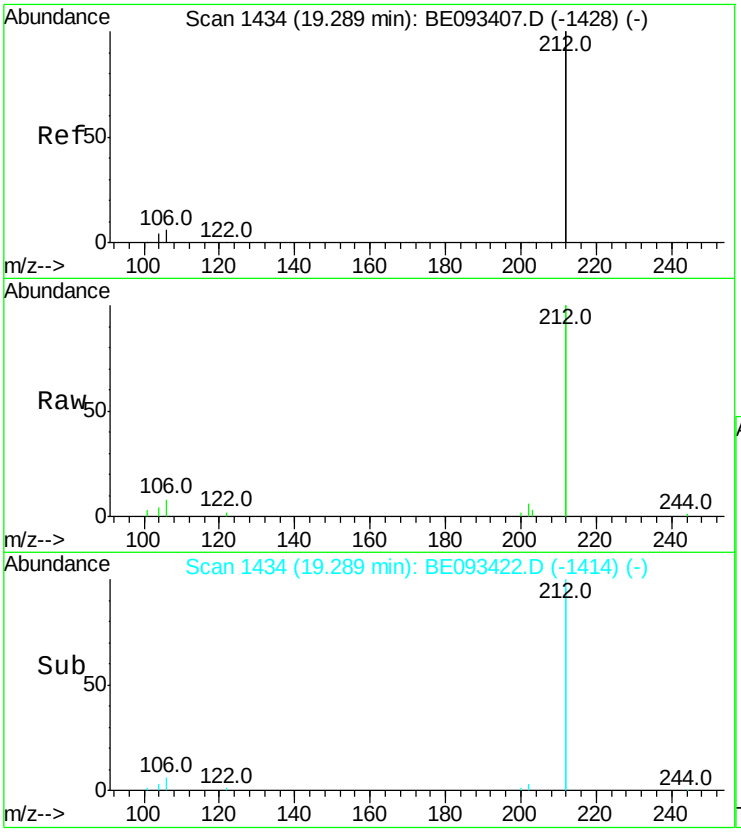


#24
Anthracene
Concen: 2.04 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:178 Resp: 113720

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	16.5	12.0	18.0



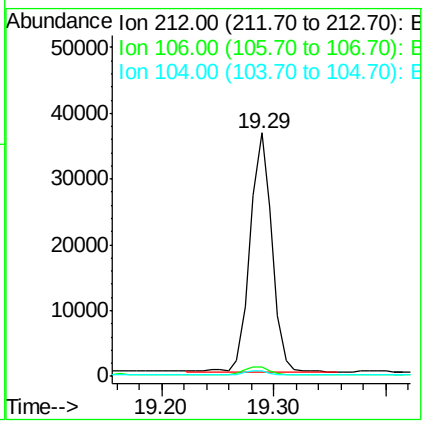


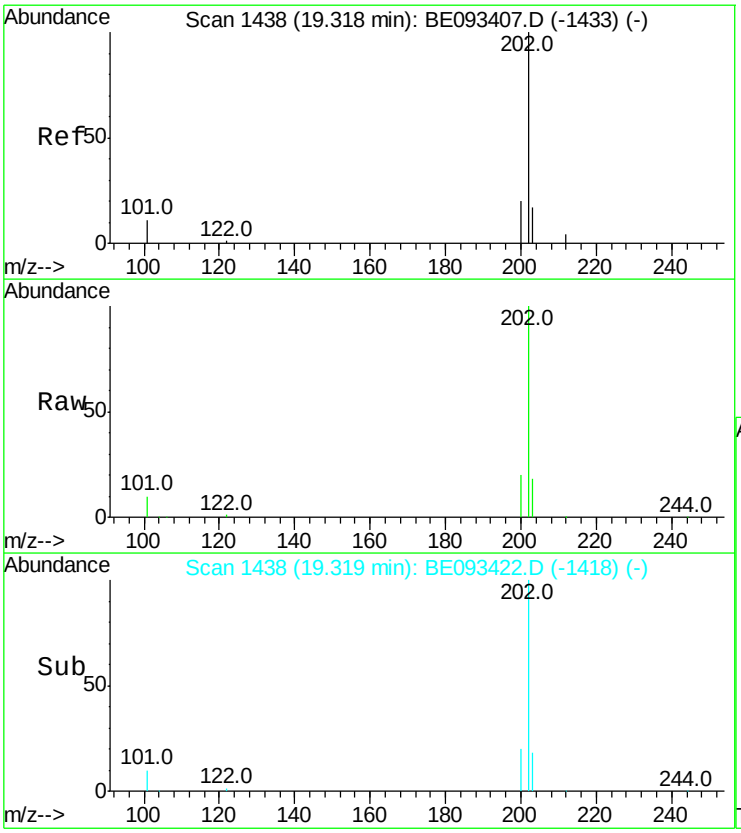
#25
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 49851

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.4	3.6
104	2.6	1.6	2.4#

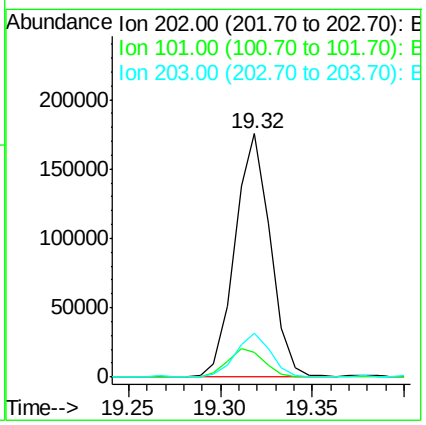


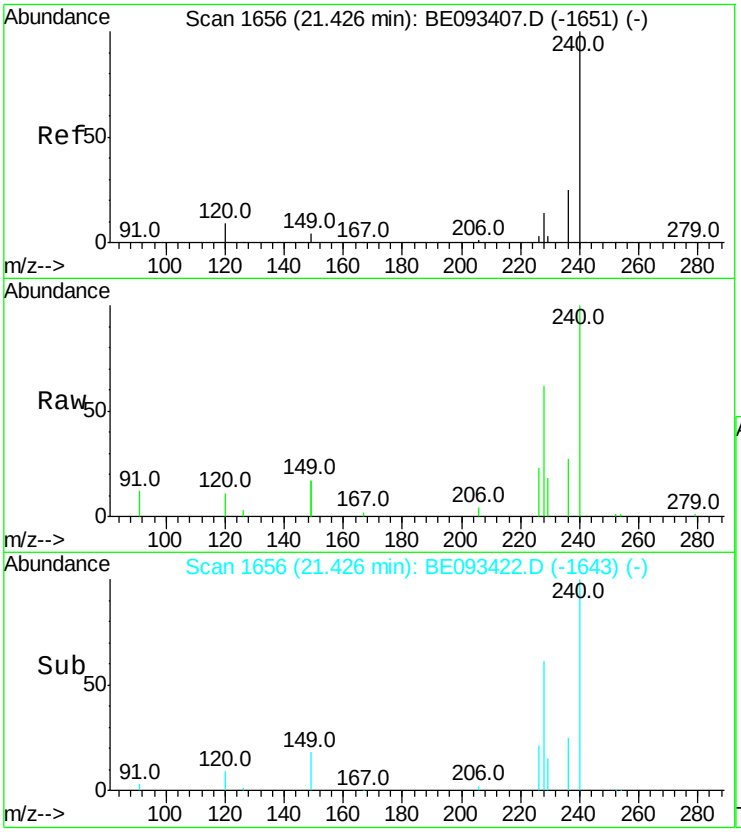


#26
Fluoranthene
Concen: 2.73 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:202 Resp: 233381

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



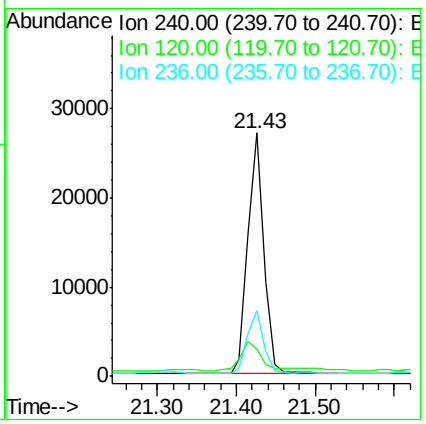


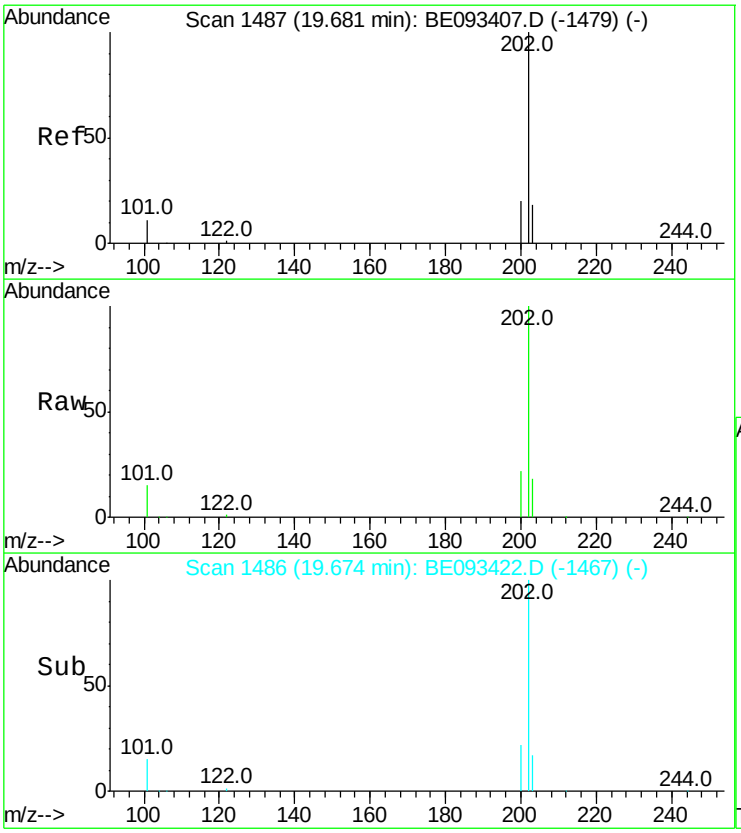
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 37856

Ion	Ratio	Lower	Upper
240	100		
120	11.4	4.6	7.0#
236	26.8	20.8	31.2

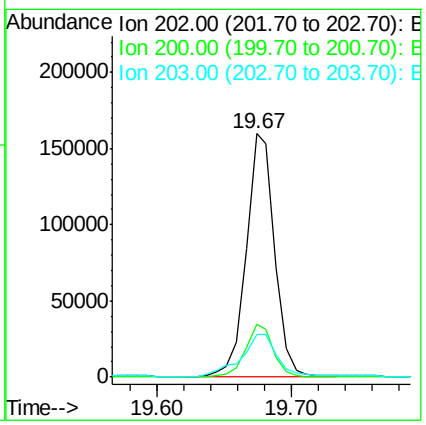


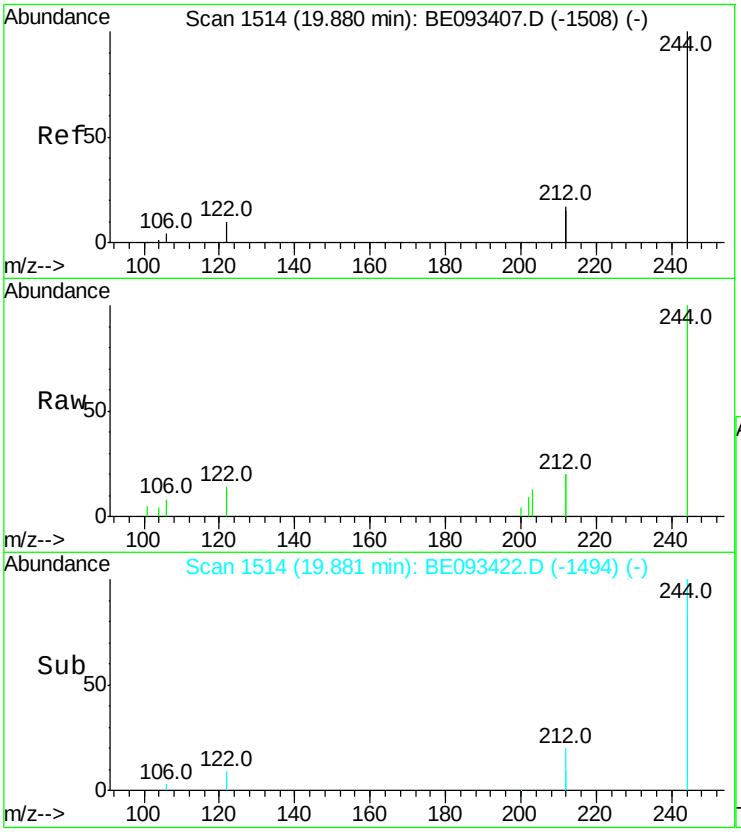


#28
Pyrene
Concen: 2.19 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:202 Resp: 233428

Ion	Ratio	Lower	Upper
202	100		
200	21.2	0.0	0.0#
203	22.3	13.7	20.5#



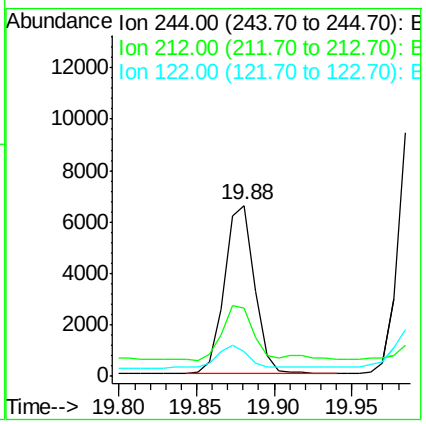


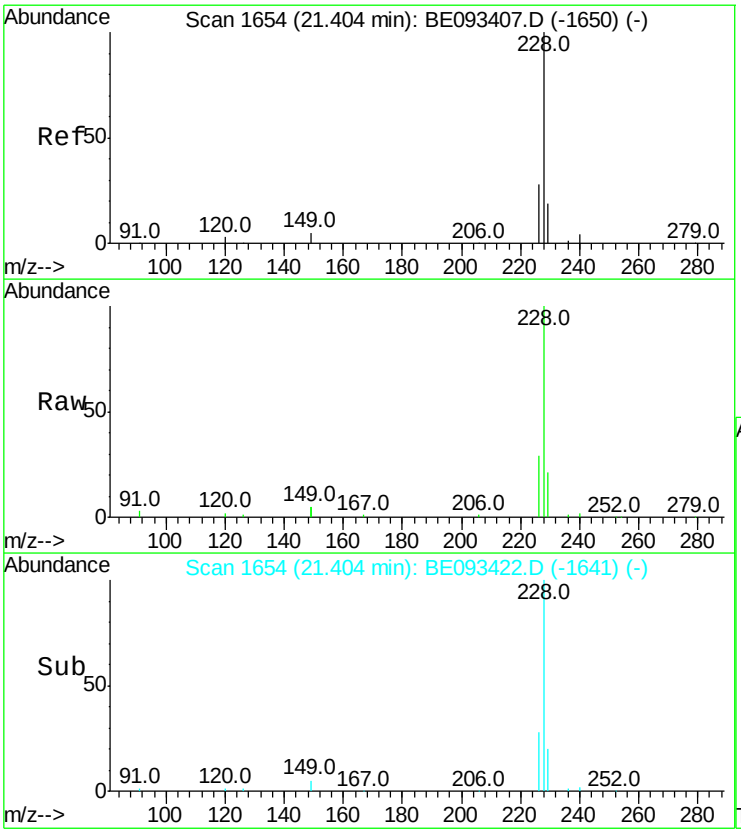
#29
Terphenyl-d14
Concen: 0.13 ng
RT: 19.88 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8768

Ion	Ratio	Lower	Upper
244	100		
212	40.2	10.6	16.0#
122	14.3	15.4	23.0#

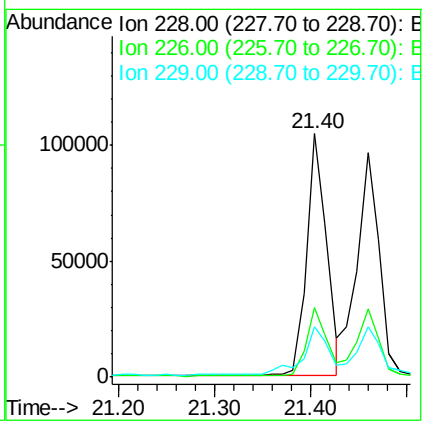


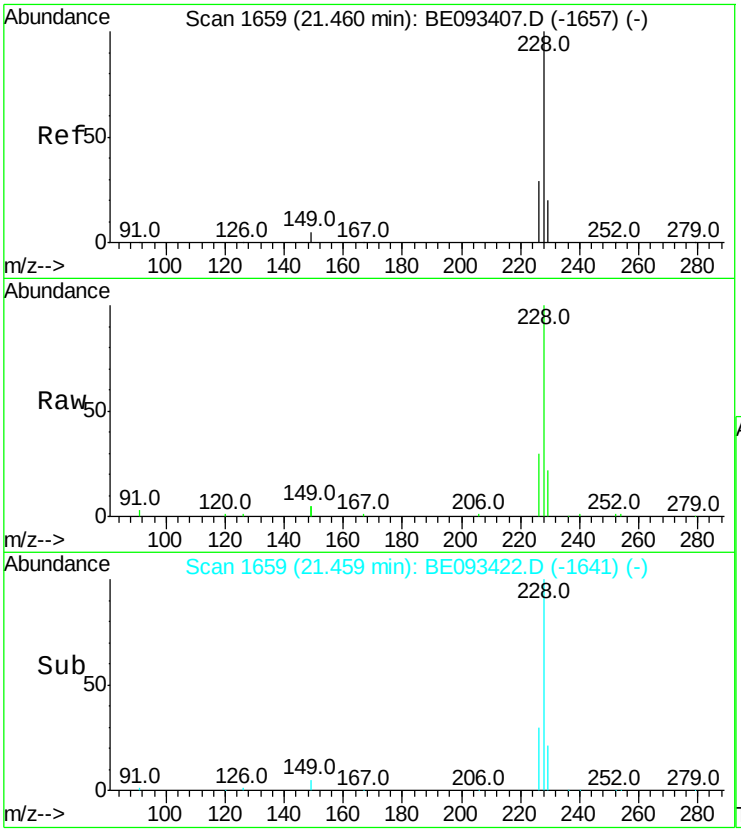


#30
Benzo(a)anthracene
Concen: 1.48 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:228 Resp: 151708

Ion	Ratio	Lower	Upper
228	100		
226	28.6	19.7	29.5
229	20.8	19.2	28.8



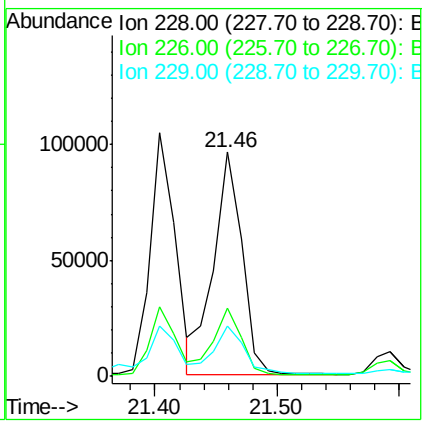


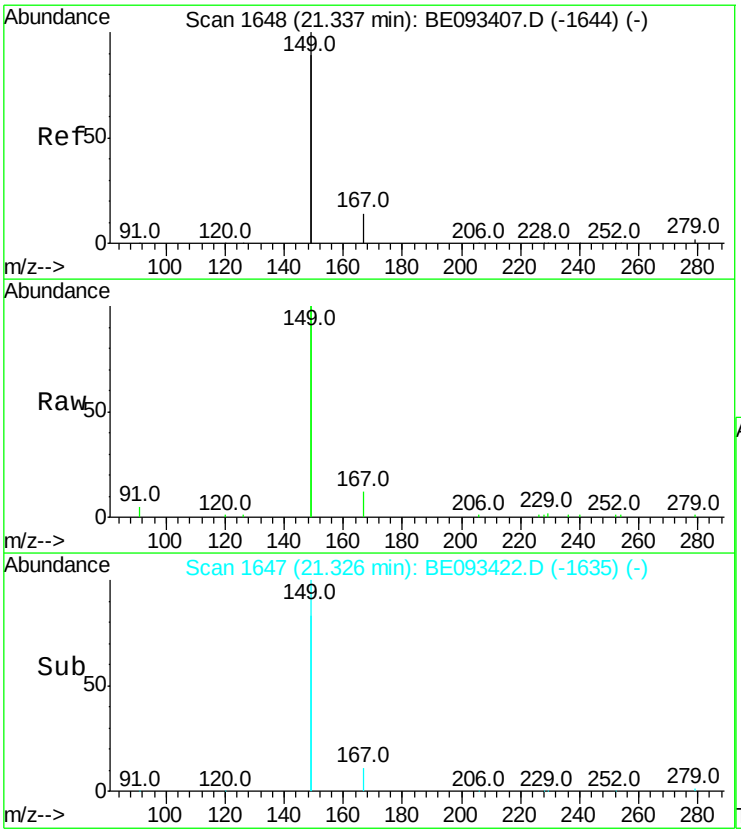
#31
Chrysene
Concen: 1.44 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 154010

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.5	32.3
229	22.3	18.6	28.0

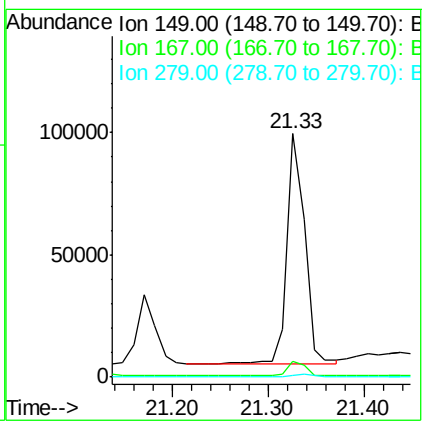


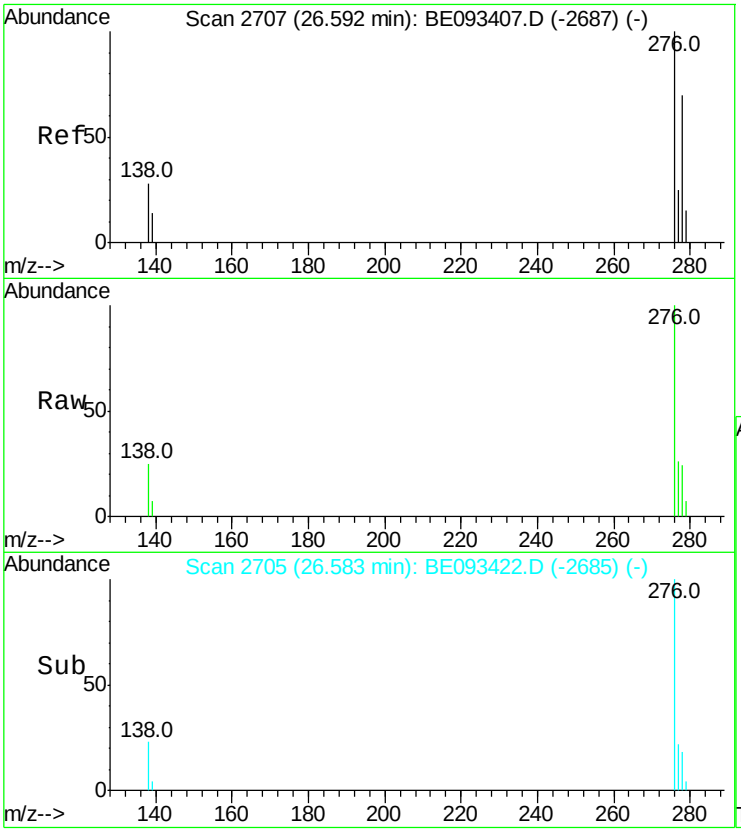


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.83 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:149 Resp: 122311

Ion	Ratio	Lower	Upper
149	100		
167	6.1	20.1	30.1#
279	0.9	2.2	3.4#



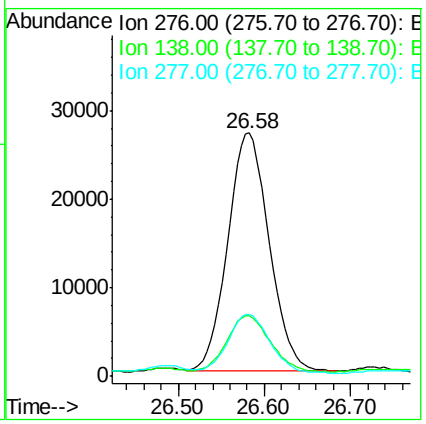


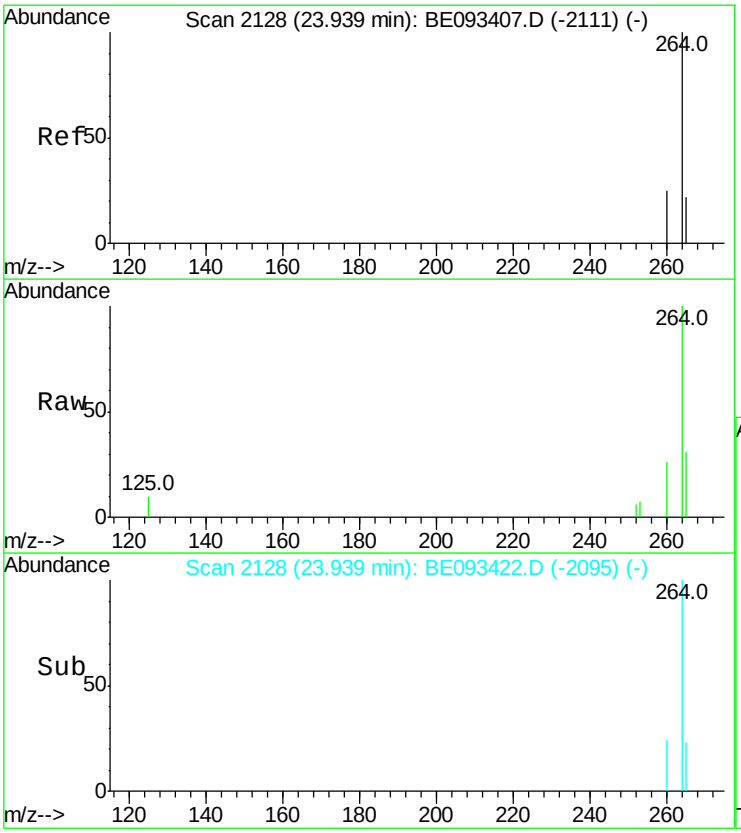
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.95 ng
RT: 26.58 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 89432

Ion	Ratio	Lower	Upper
276	100		
138	25.0	27.4	41.2#
277	25.0	20.1	30.1

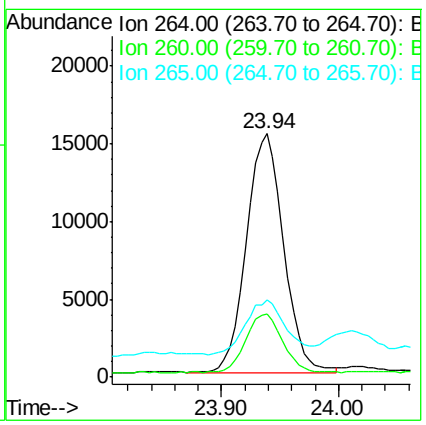


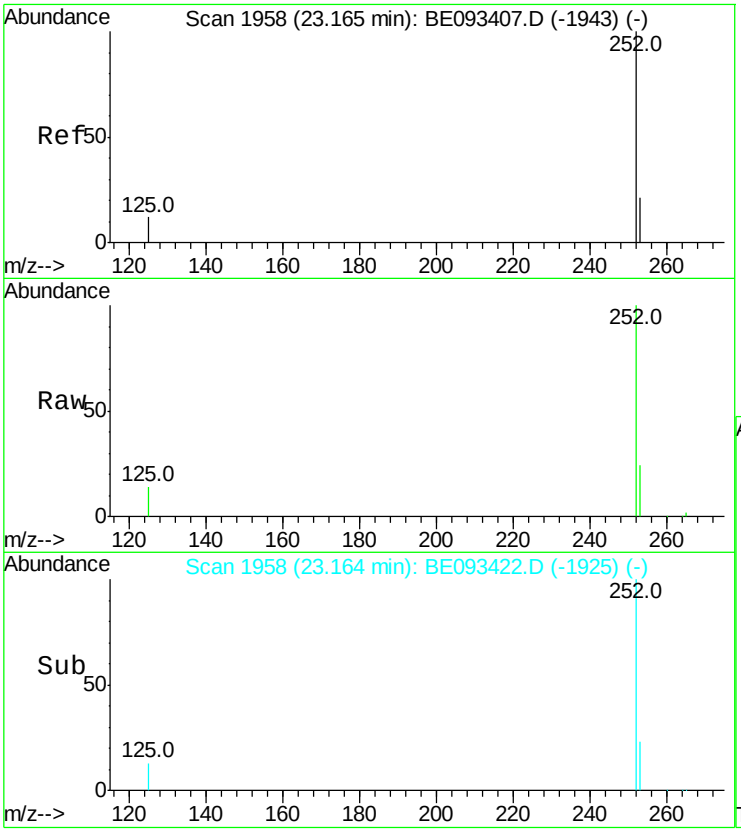


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:264 Resp: 33940

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.0	31.4
265	31.5	24.6	36.8



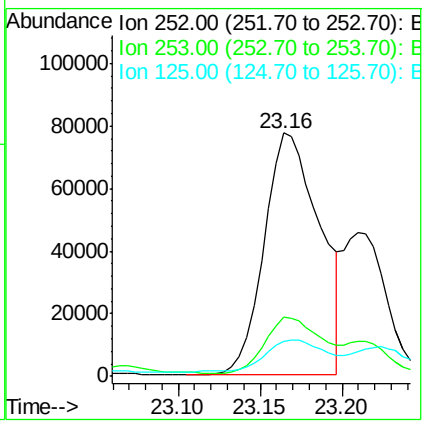


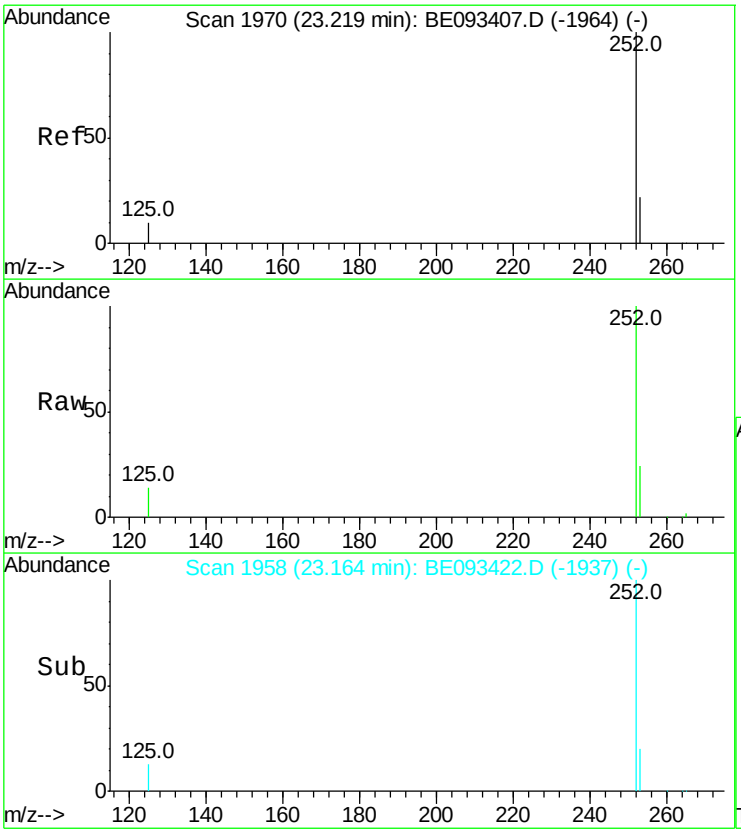
#35
Benzo(b)fluoranthene
Concen: 1.66 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 181942

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	14.5	13.4	20.0

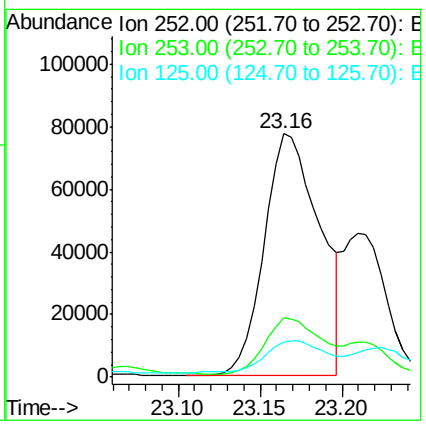


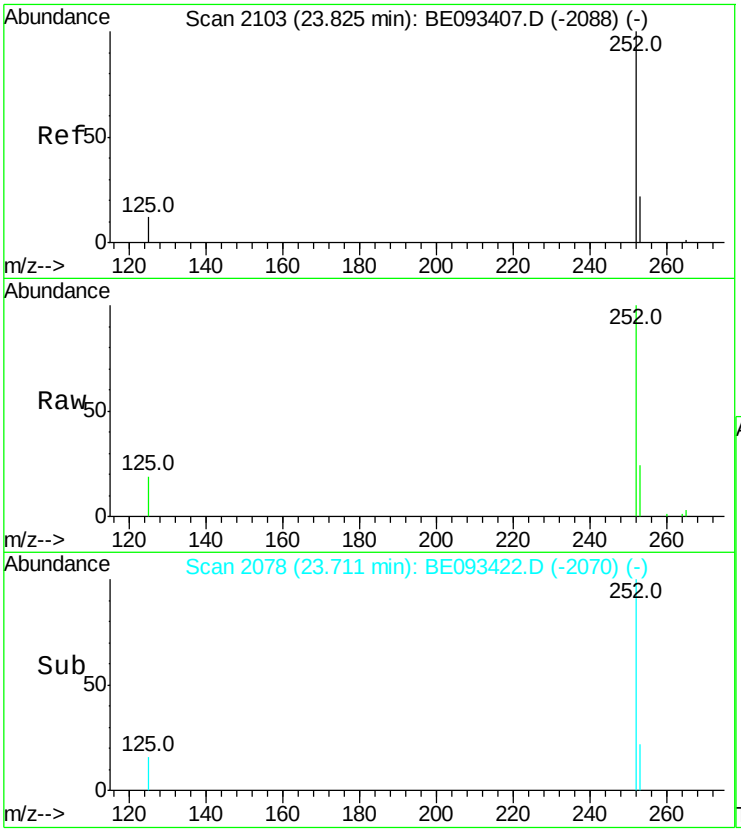


#36
Benzo(k)fluoranthene
Concen: 1.68 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.05 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:252 Resp: 181942

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.3	30.5
125	14.5	12.2	18.4



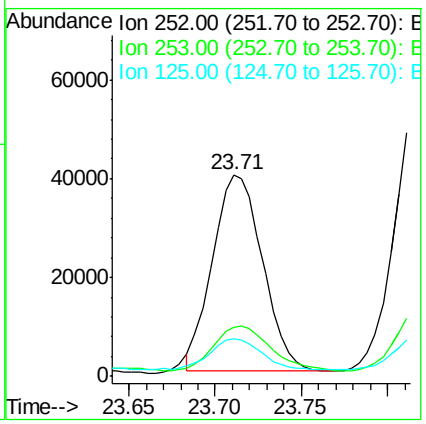


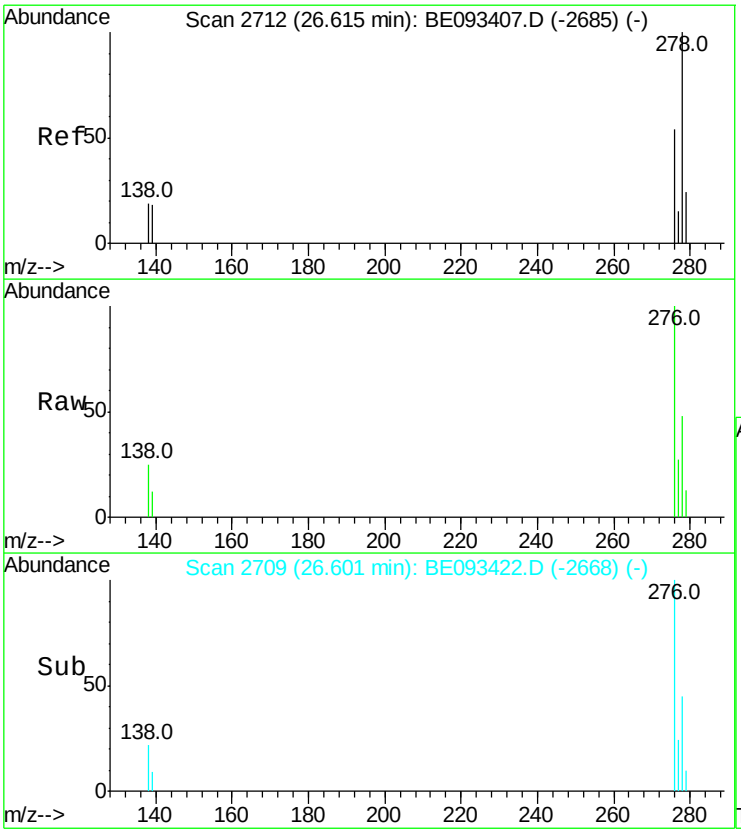
#37
Benzo(a)pyrene
Concen: 0.83 ng
RT: 23.71 min Scan# 2078
Delta R.T. -0.11 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 80105

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.9	29.9
125	18.6	14.6	21.8

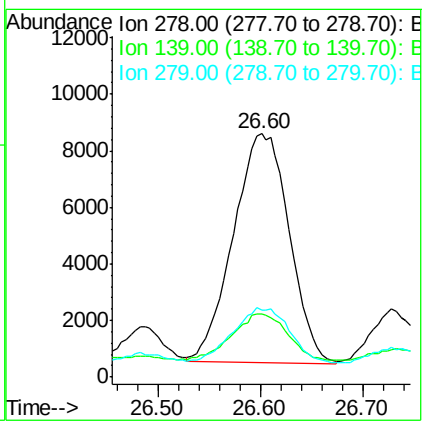


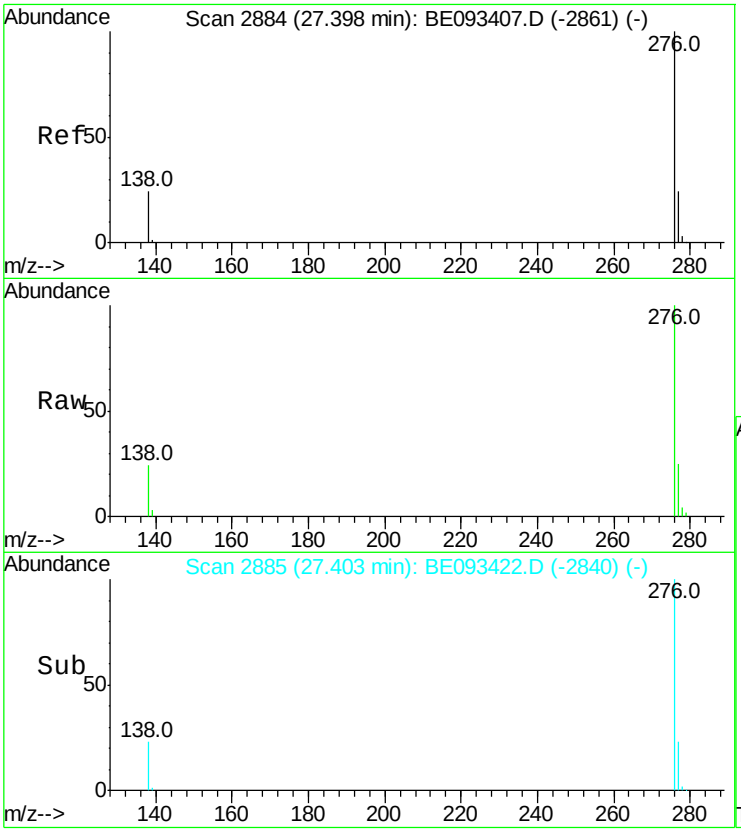


#38
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Tgt Ion:278 Resp: 30640

Ion	Ratio	Lower	Upper
278	100		
139	26.1	21.4	32.0
279	27.3	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.95 ng
RT: 27.40 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BE093422.D
Acq: 3 Jul 2017 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 89048

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