Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093479.D
Acq On : 19 Jul 2017 11:39
Operator : SJ/JU
Sample : PB100678BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 20 12:00:29 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	5855	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	25147	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	12193	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	20122	0.40	ng		0.00
27) Chrysene-d12	21.42	240	40240	0.40	ng		-0.01
34) Perylene-d12	23.92	264	28333	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	5207	0.29	ng		0.00
5) Phenol-d6	7.10	99	6989	0.27	ng		0.00
8) Nitrobenzene-d5	9.08	82	5403	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	17330	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	595	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	14895	0.31	ng		-0.02
25) Fluoranthene-d10	19.28	212	103404	0.43	ng		0.00
29) Terphenyl-d14	19.87	244	19252	0.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	2411	0.195	ng	#	44
3) n-Nitrosodimethylamine	3.75	42	2682	0.420	ng	#	88
6) bis(2-Chloroethyl)ether	7.35	93	5829	0.297	ng	#	95
9) Naphthalene	10.77	128	74963	0.285	ng	#	73
10) Hexachlorobutadiene	11.06	225	2928	0.293	ng		97
12) 2-Methylnaphthalene	12.37	142	12152	0.275	ng		96
16) Acenaphthylene	14.26	152	13695	0.270	ng	#	88
17) Acenaphthene	14.60	154	10583	0.284	ng		98
18) Fluorene	15.58	166	13506	0.265	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	5280	0.478	ng	#	1
21) Hexachlorobenzene	16.58	284	4670	0.392	ng	#	100
22) Pentachlorophenol	16.91	266	1981	1.164	ng	#	80
23) Phenanthrene	17.30	178	24208	0.331	ng		95
24) Anthracene	17.30	178	25152	0.561	ng	#	92
26) Fluoranthene	19.31	202	29924	0.435	ng		99
28) Pyrene	19.67	202	29499	0.261	ng	#	98
30) Benzo(a)anthracene	21.41	228	31575	0.291	ng		96
31) Chrysene	21.46	228	34723	0.306	ng		96
32) Bis(2-ethylhexyl)phthalate	21.32	149	34037	0.218	ng	#	67
33) Indeno(1,2,3-cd)pyrene	26.57	276	30081	0.302	ng		94
35) Benzo(b)fluoranthene	23.15	252	33428	0.365	ng	#	95
36) Benzo(k)fluoranthene	23.15	252	33428	0.369	ng		95
37) Benzo(a)pyrene	23.81	252	24318	0.303	ng	#	95
38) Dibenzo(a,h)anthracene	26.59	278	26875	0.345	ng	#	90
39) Benzo(g,h,i)perylene	27.38	276	25746	0.328	ng		93

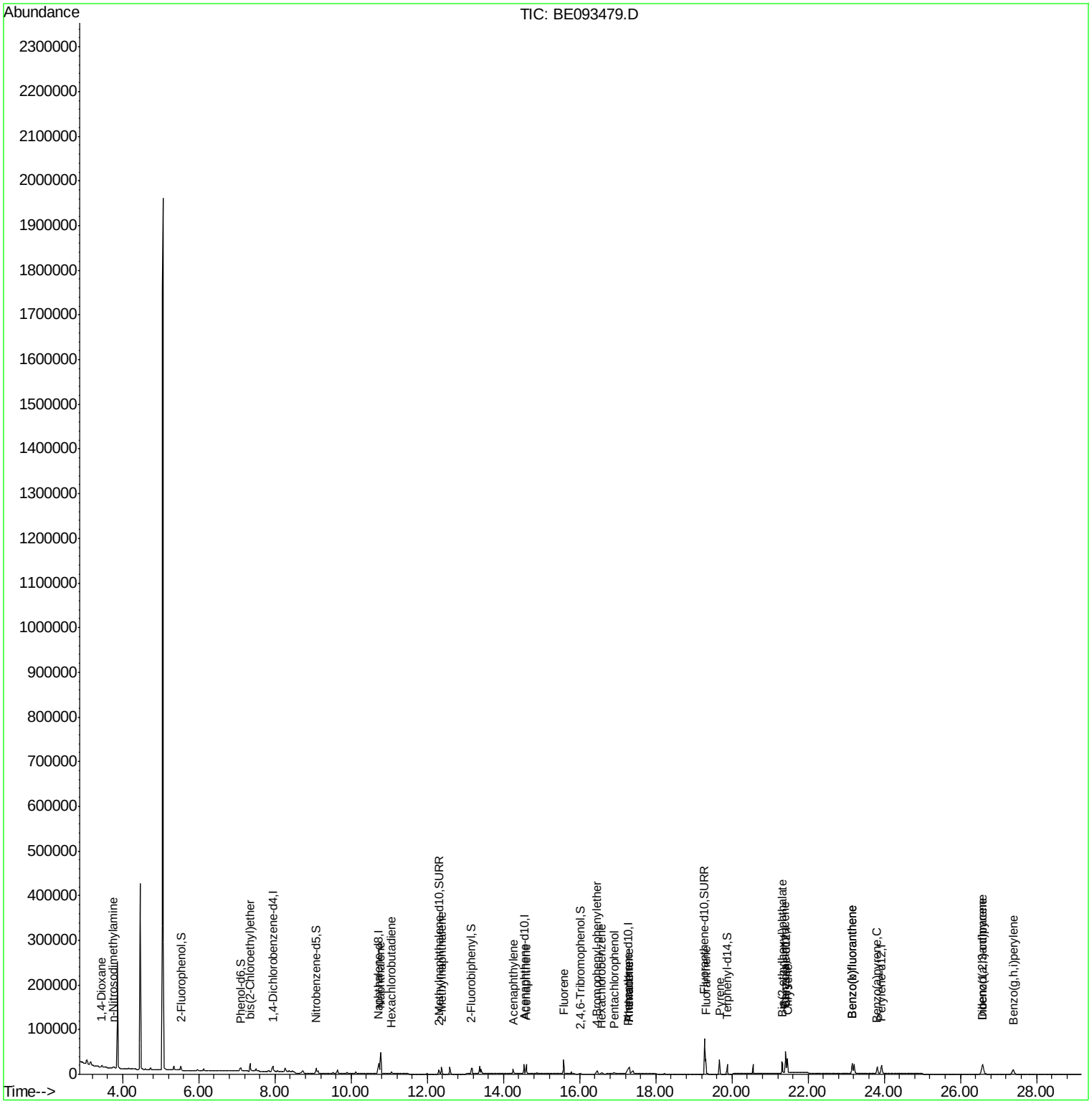
(#) = qualifier out of range (m) = manual integration (+) = signals summed

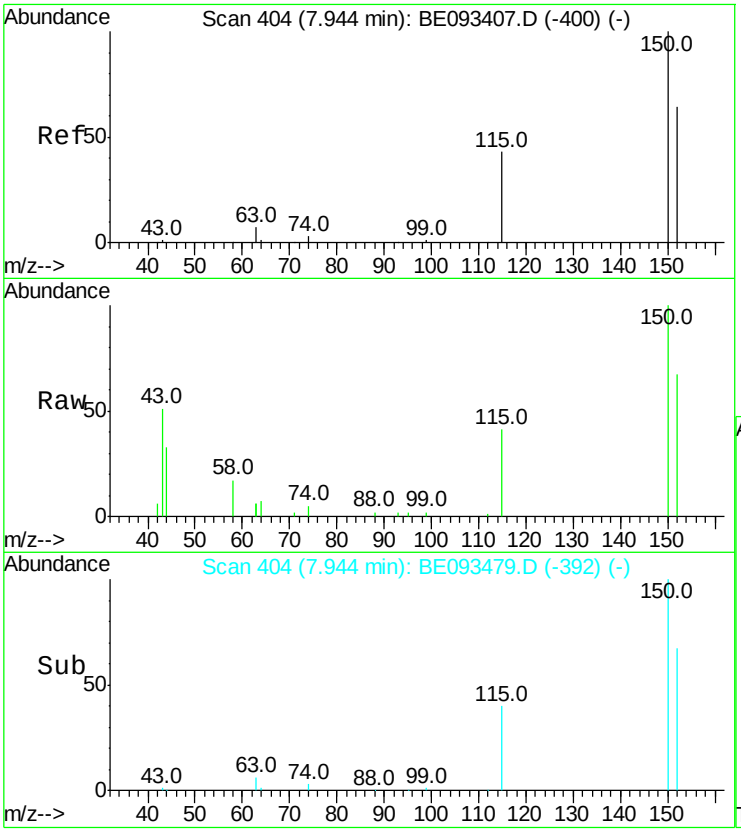
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093479.D
Acq On : 19 Jul 2017 11:39
Operator : SJ/JU
Sample : PB100678BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 20 12:00:29 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



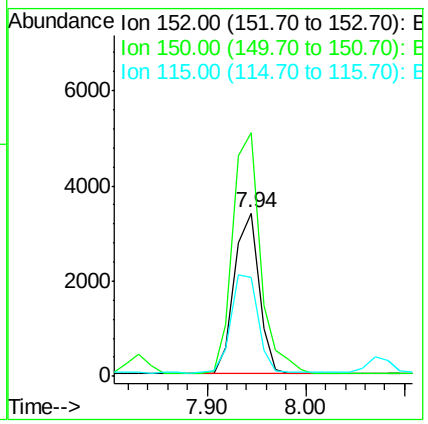


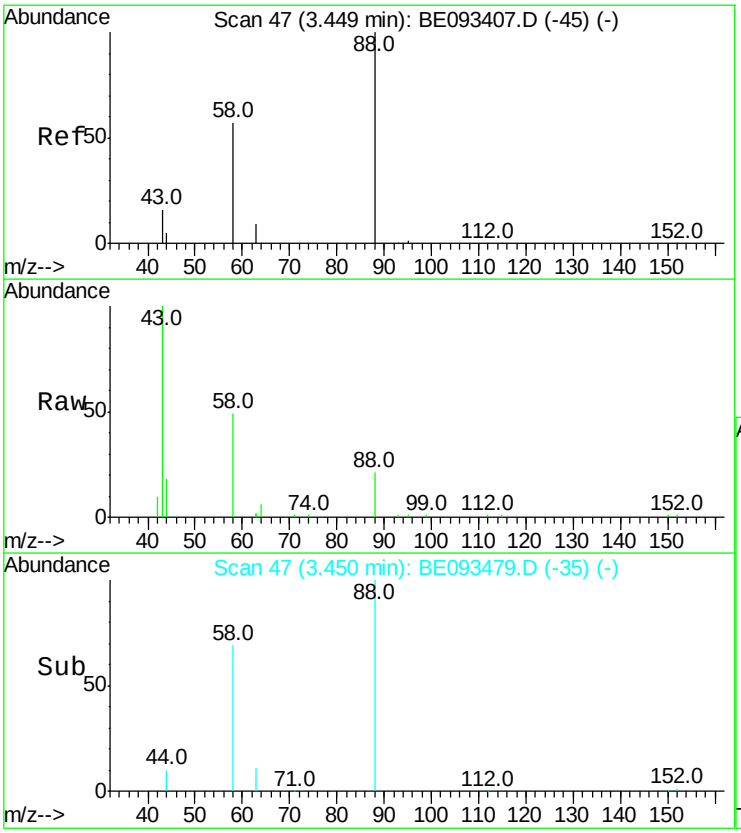
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5855

Ion	Ratio	Lower	Upper
152	100		
150	149.3	125.1	187.7
115	61.0	55.7	83.5

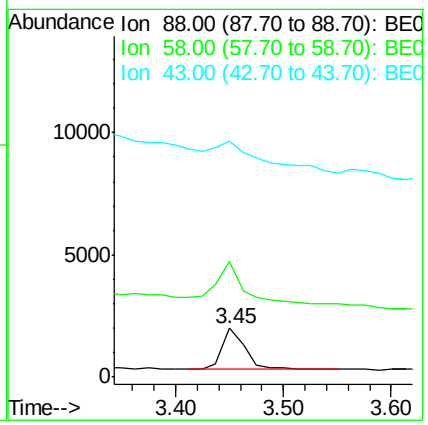


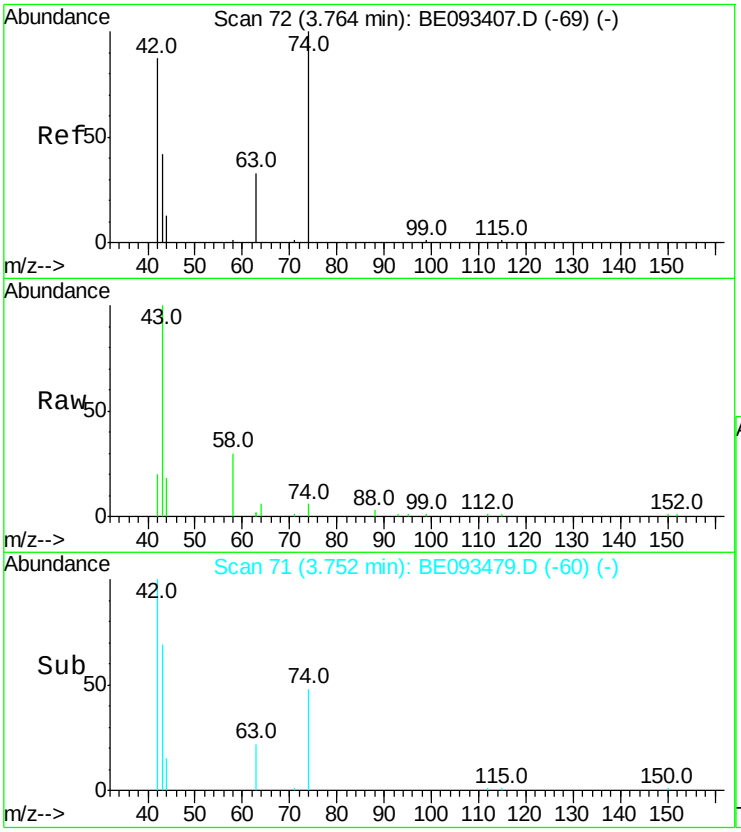


#2
1,4-Dioxane
Concen: 0.195 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion: 88 Resp: 2411

Ion	Ratio	Lower	Upper
88	100		
58	126.9	62.2	93.4#
43	0.0	23.2	34.8#



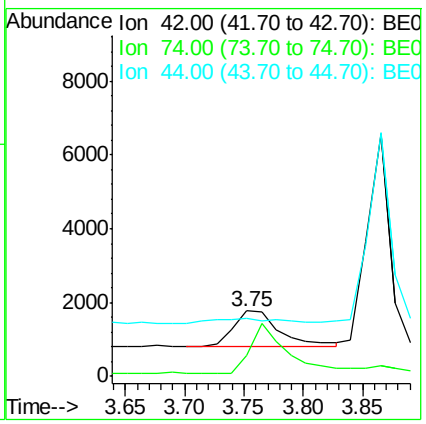


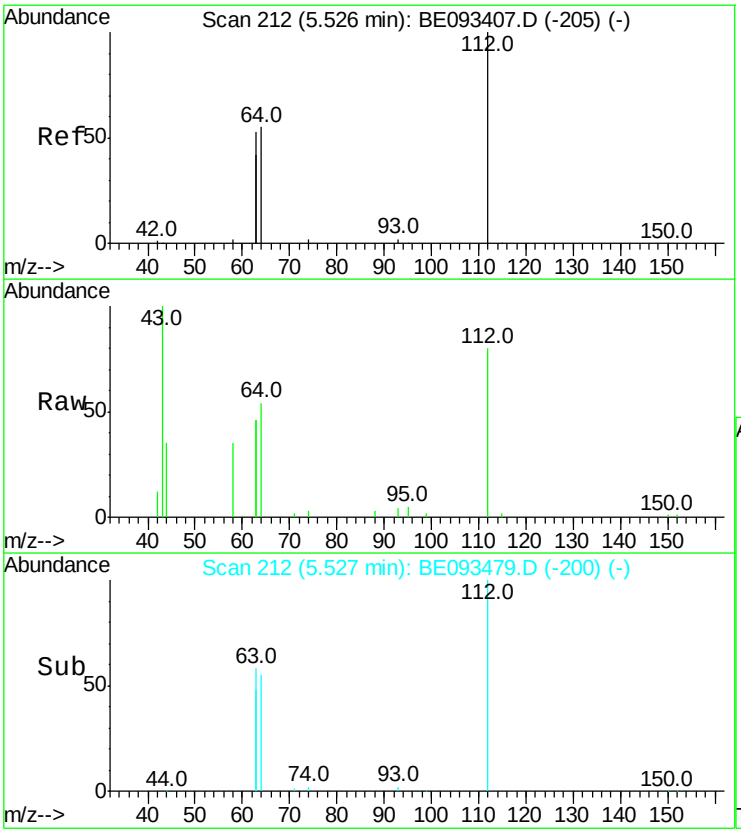
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2682

Ion	Ratio	Lower	Upper
42	100		
74	112.2	99.1	148.7
44	23.0	7.4	11.2#

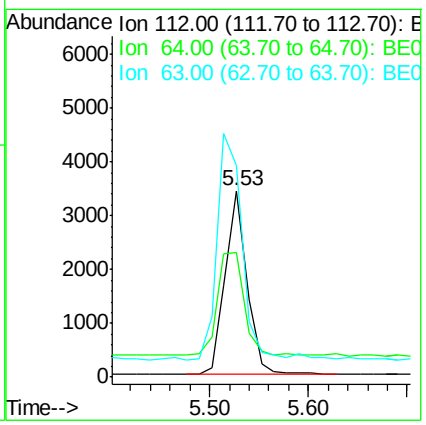


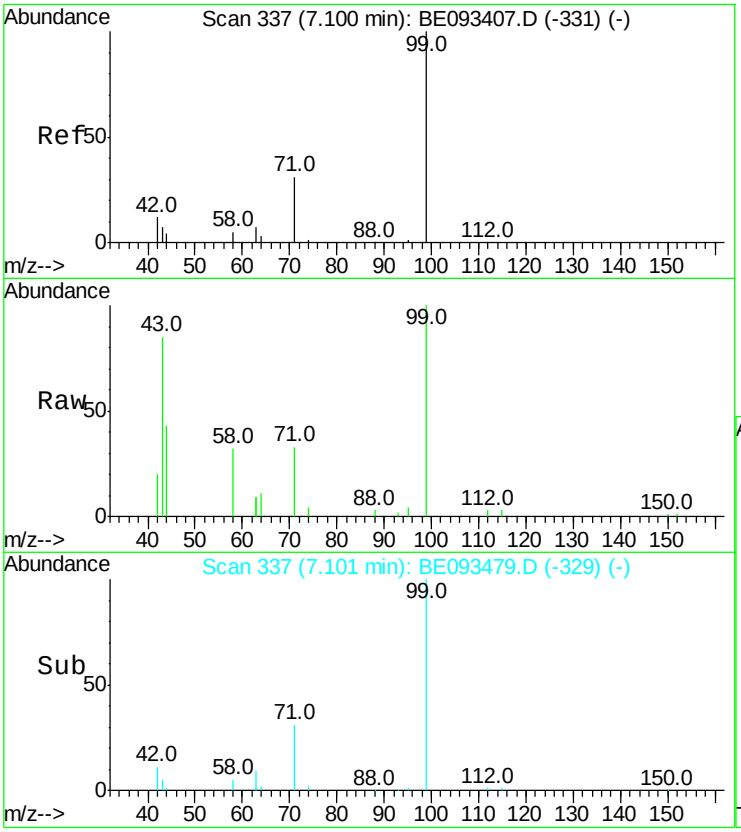


#4
2-Fluorophenol
Concen: 0.295 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:112 Resp: 5207

Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.4	84.6
63	139.5	29.3	43.9#



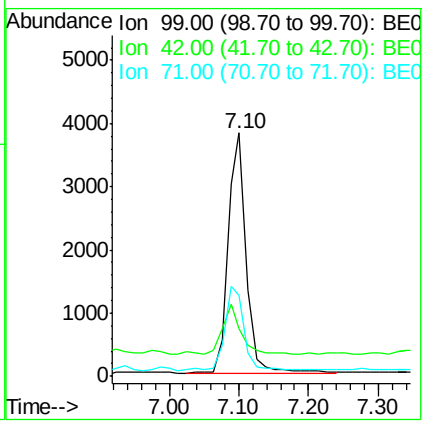


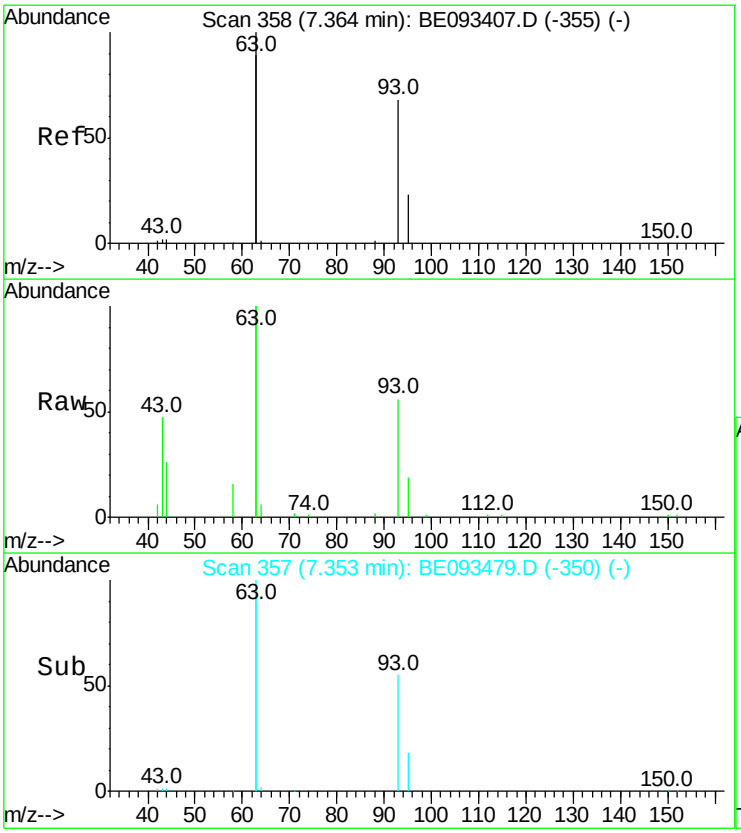
#5
Phenol-d6
Concen: 0.268 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6989

Ion	Ratio	Lower	Upper
99	100		
42	21.2	0.0	0.0#
71	34.9	0.0	0.0#

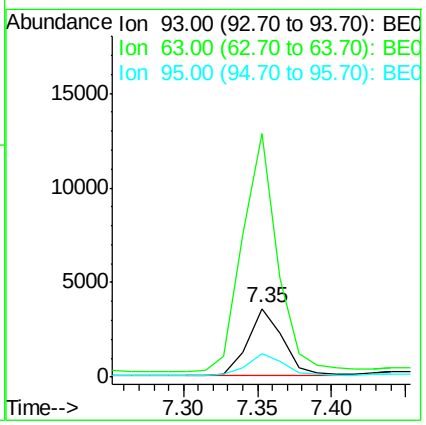


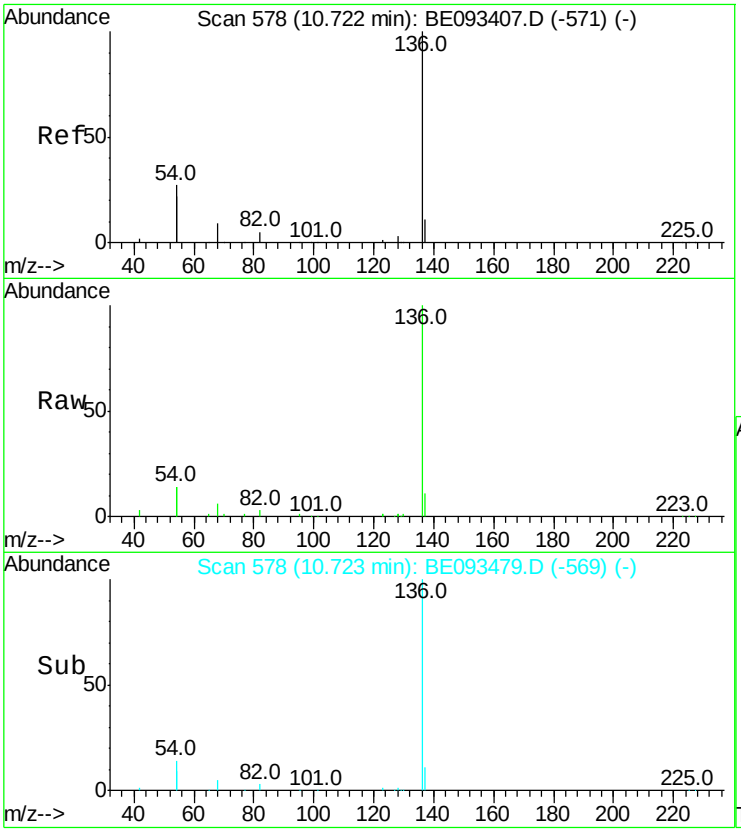


#6
bis(2-Chloroethyl)ether
Concen: 0.297 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion: 93 Resp: 5829

Ion	Ratio	Lower	Upper
93	100		
63	352.5	0.0	0.0#
95	34.2	25.4	38.0



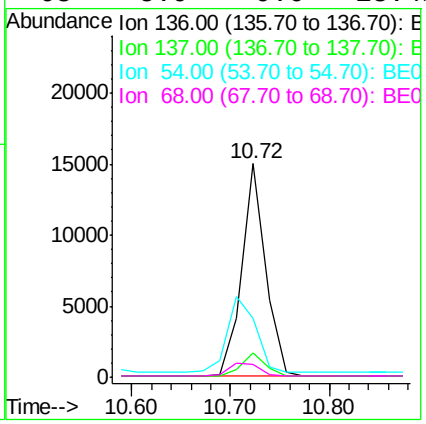


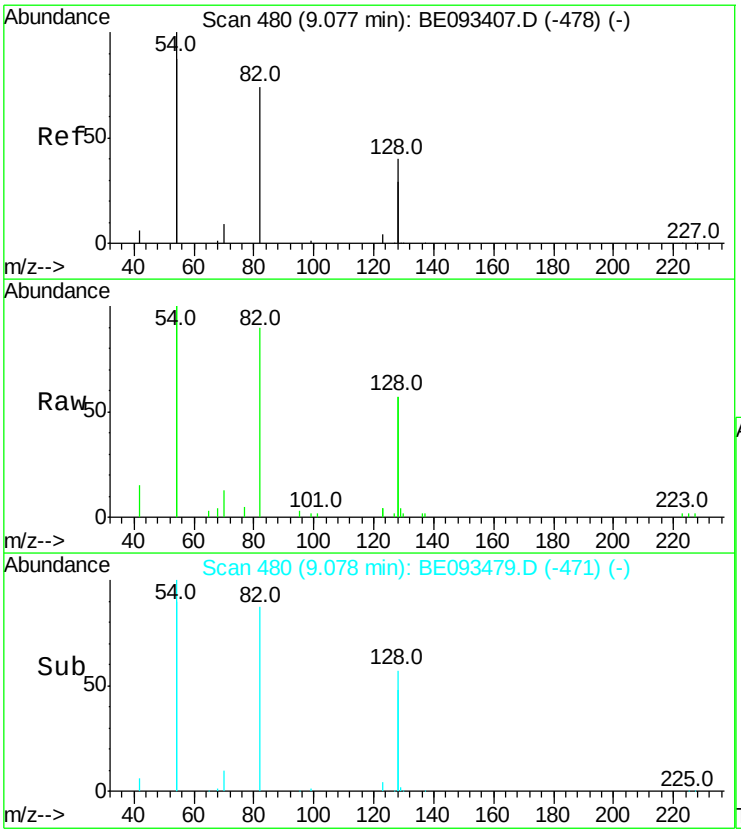
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 25147

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	27.7	10.3	15.5#
68	5.9	9.0	13.4#

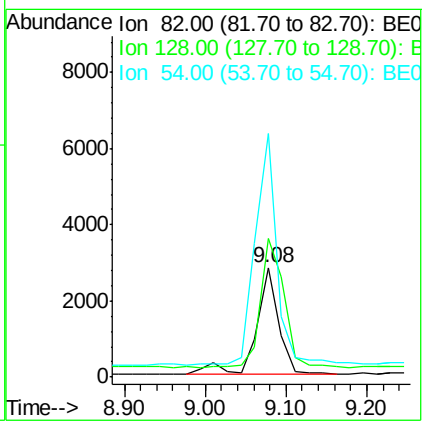


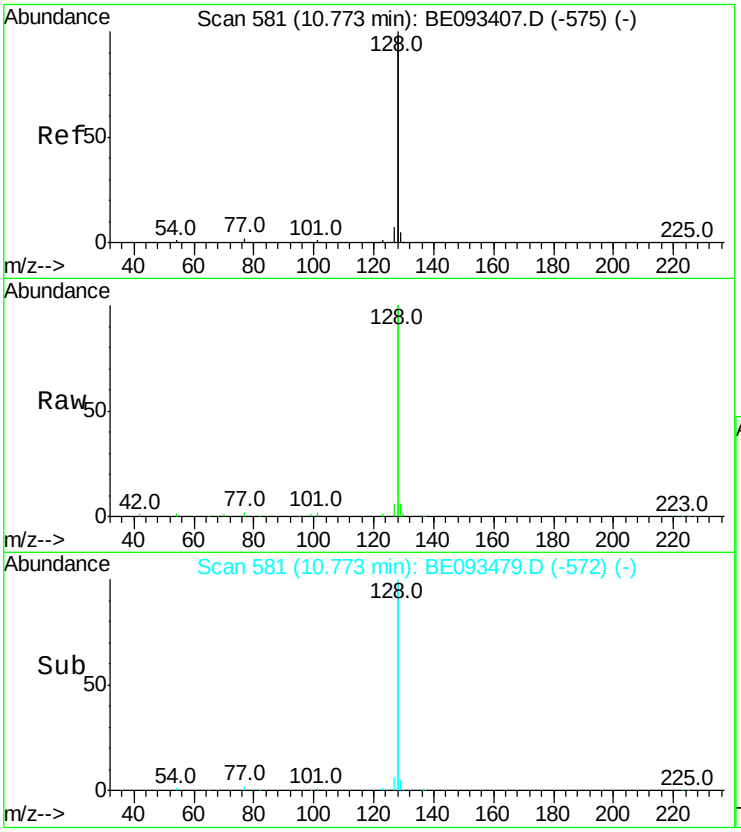


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion: 82 Resp: 5403

Ion	Ratio	Lower	Upper
82	100		
128	125.9	17.0	25.4#
54	222.0	53.8	80.6#



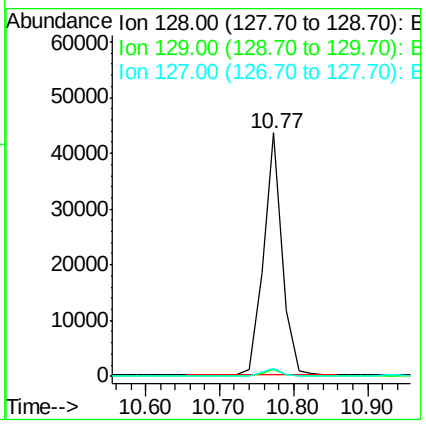


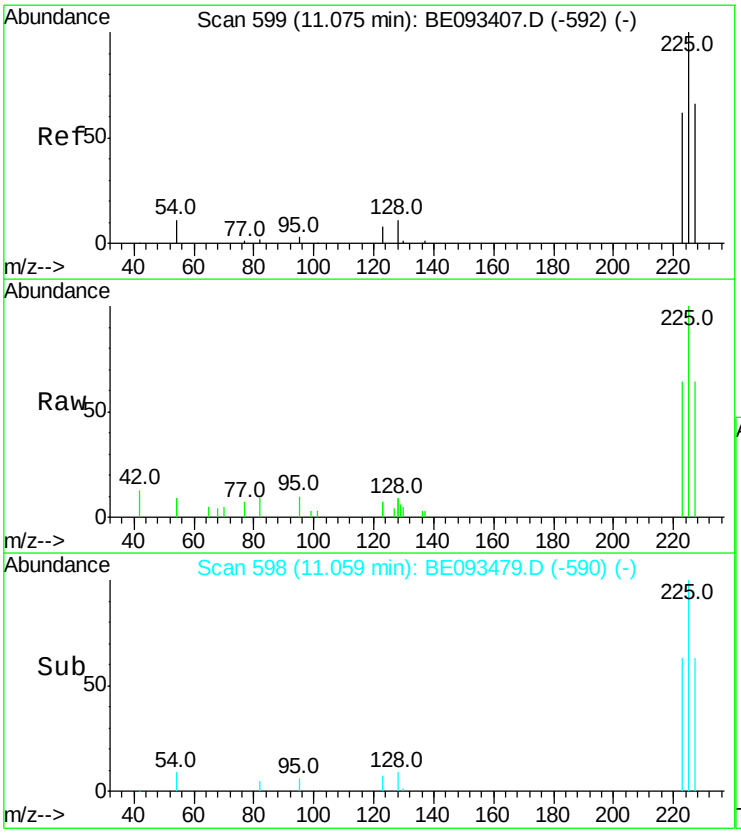
#9
Naphthalene
Concen: 0.285 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 74963

Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.2	11.2	16.8#

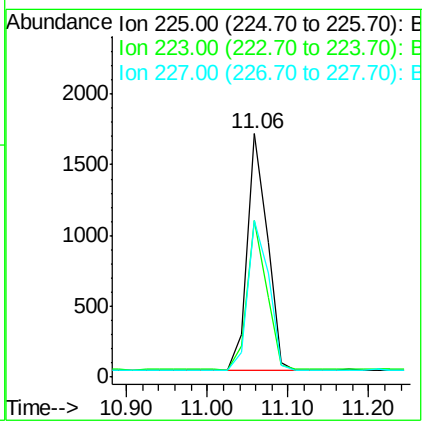


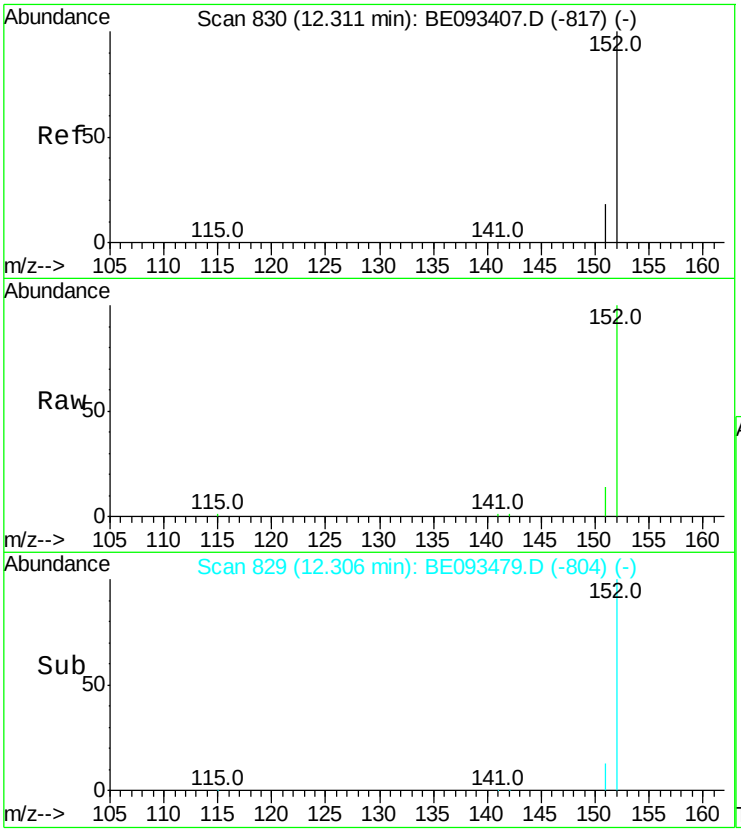


#10
Hexachlorobutadiene
Concen: 0.293 ng
RT: 11.06 min Scan# 598
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:225 Resp: 2928

Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	66.2	50.3	75.5



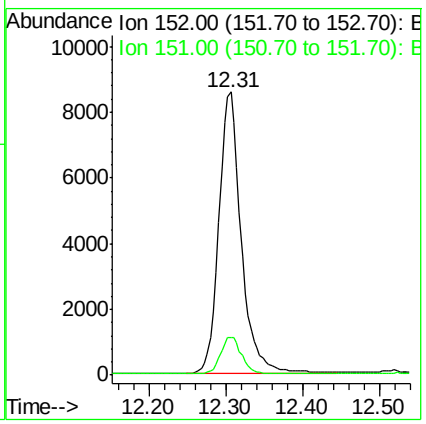


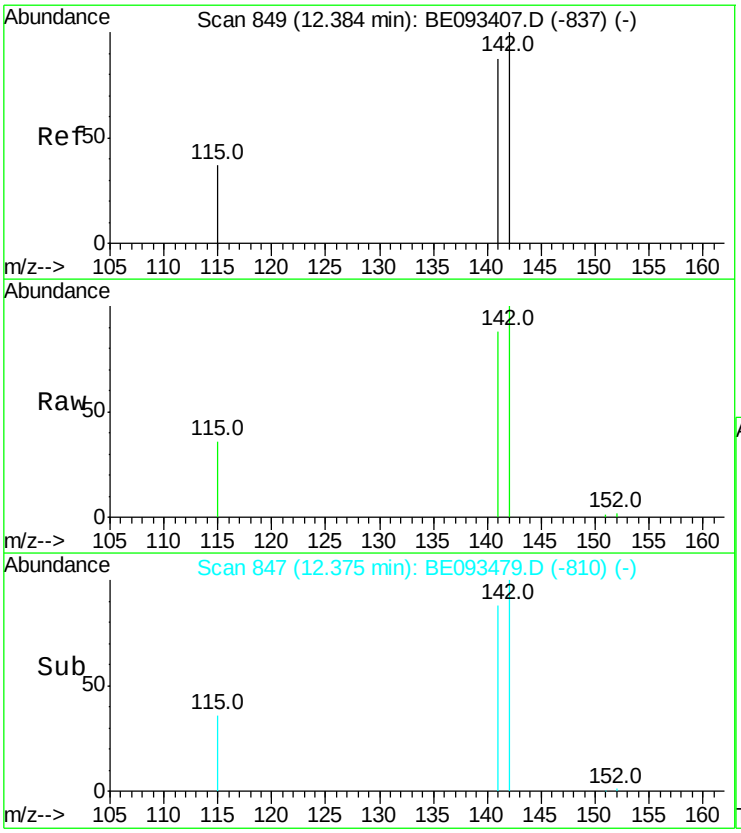
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17330

Ion	Ratio	Lower	Upper
152	100		
151	11.7	15.1	22.7#

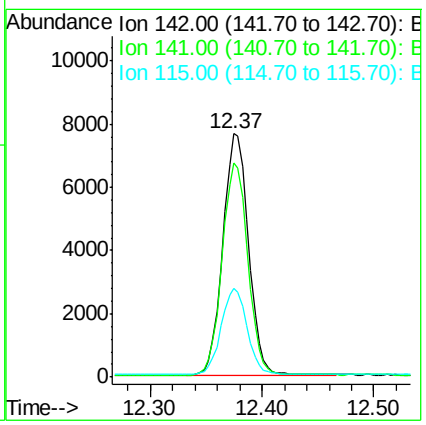


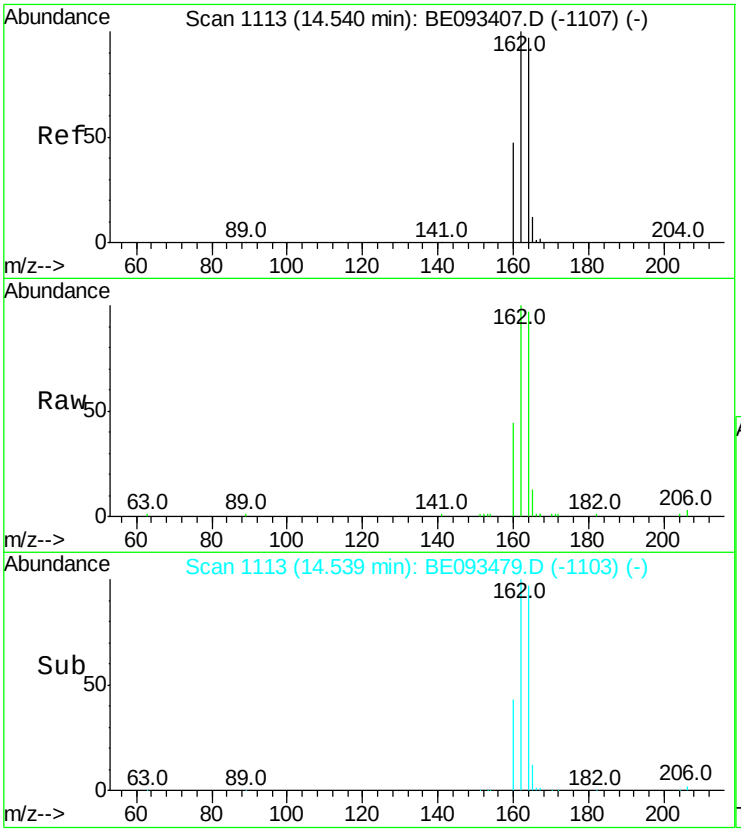


#12
2-Methylnaphthalene
Concen: 0.275 ng
RT: 12.37 min Scan# 847
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:142 Resp: 12152

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8
115	36.5	32.2	48.2



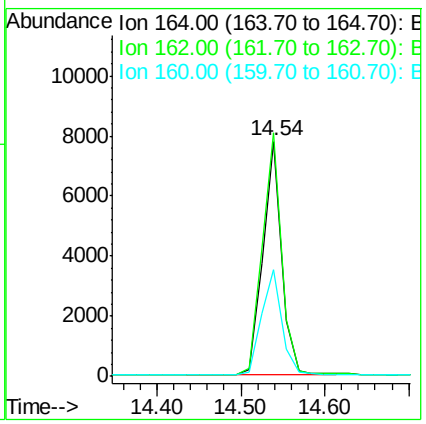


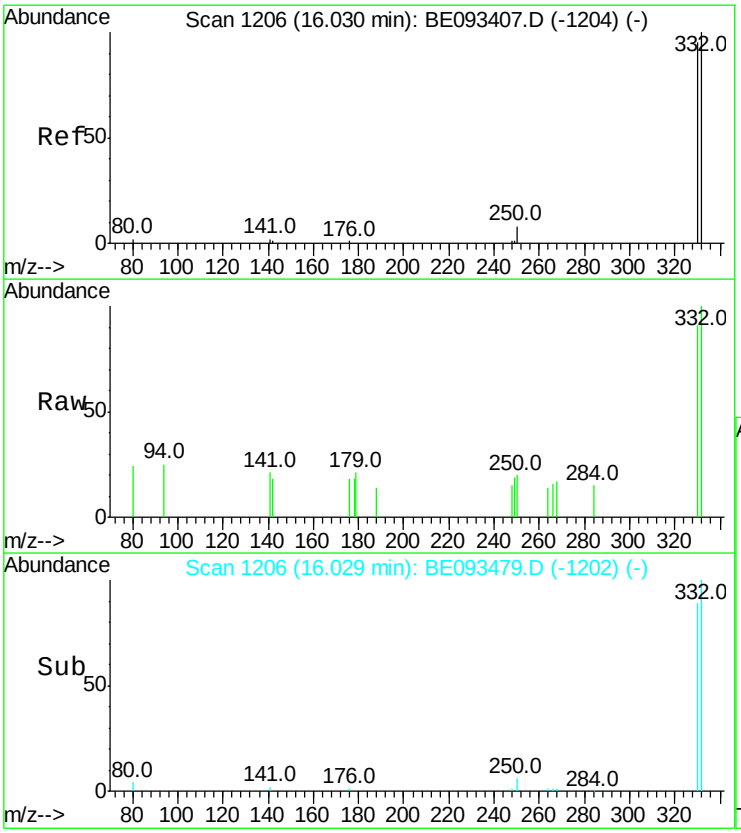
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12193

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.6	127.0
160	45.1	41.8	62.6

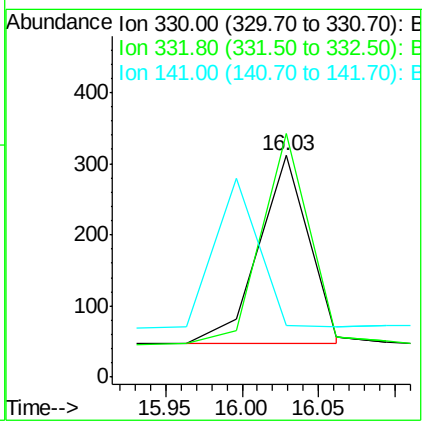


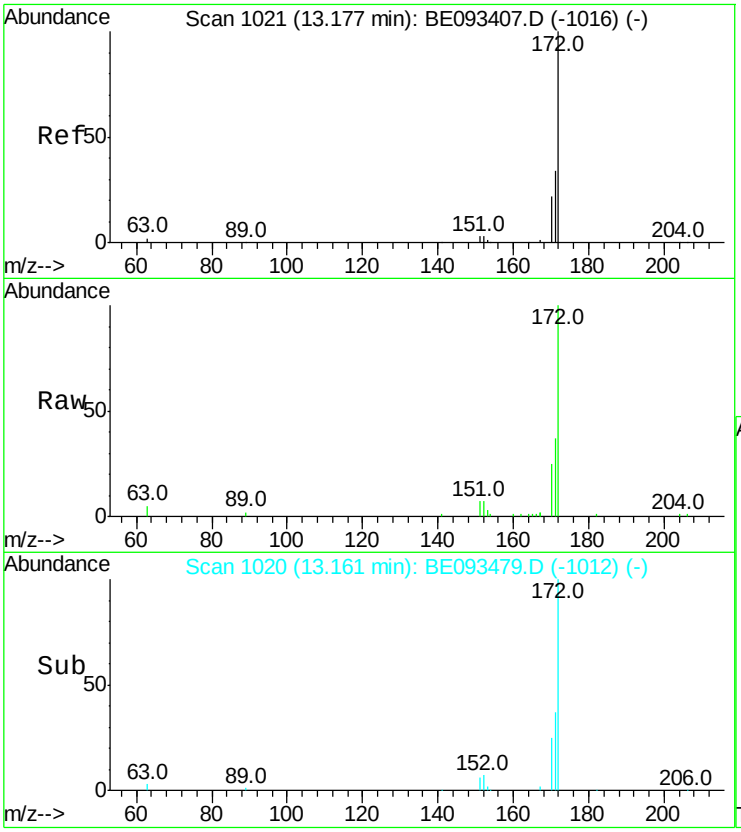


#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:330 Resp: 595

Ion	Ratio	Lower	Upper
330	100		
332	106.2	77.7	116.5
141	0.0	56.2	84.4#



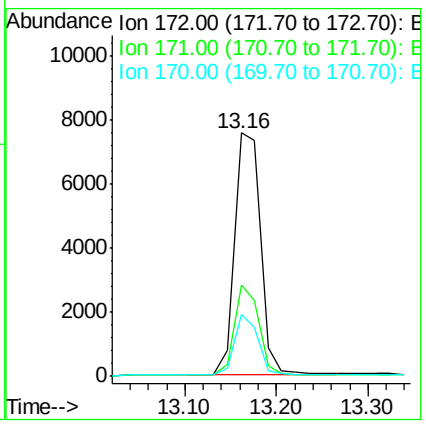


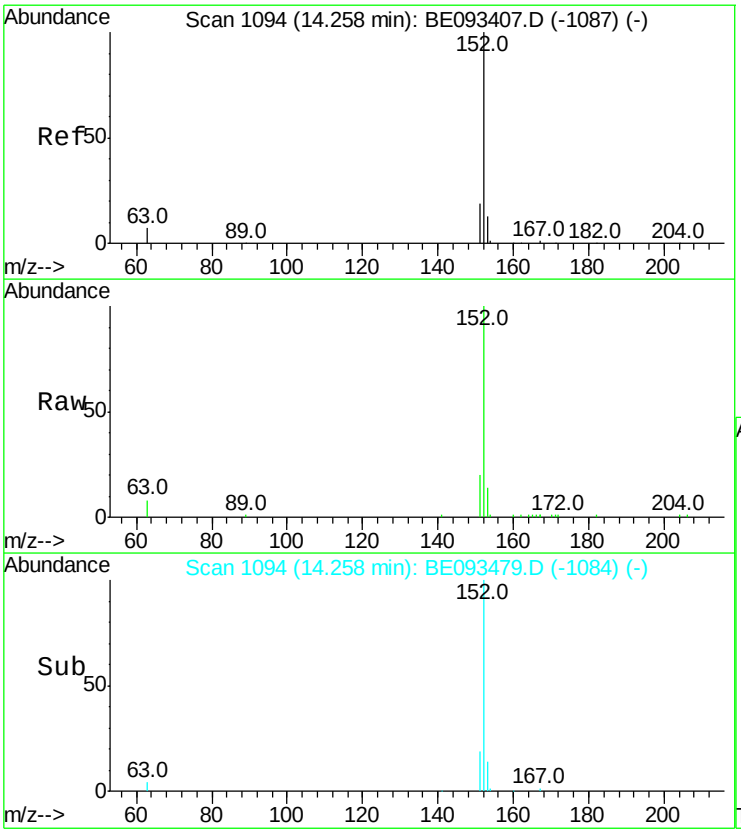
#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14895

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.4	20.7	31.1

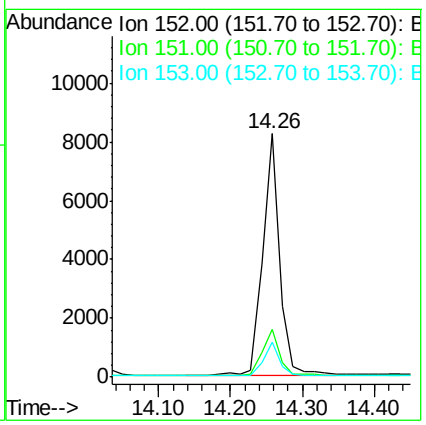


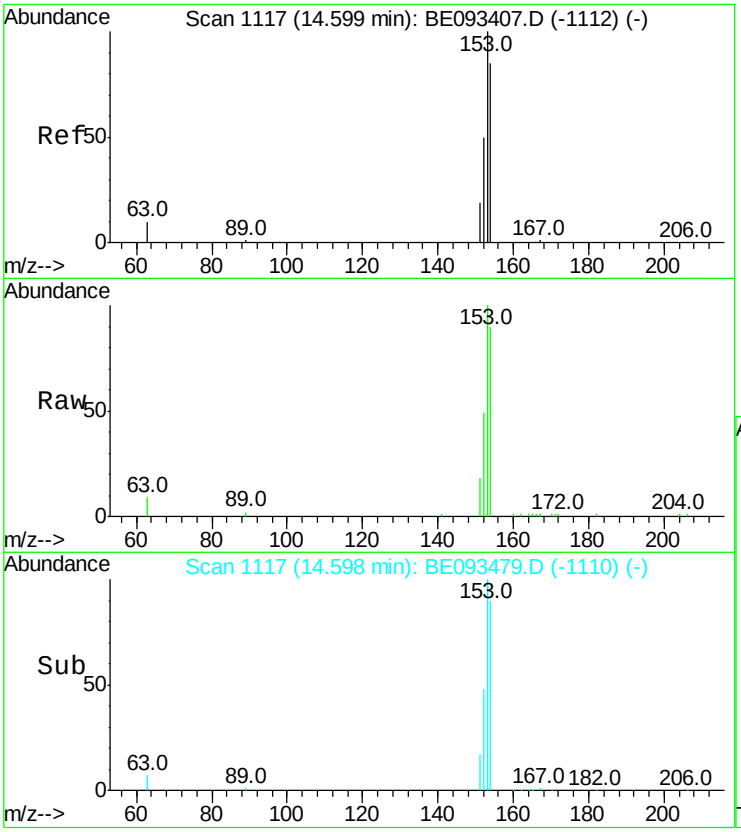


#16
Acenaphthylene
Concen: 0.270 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:152 Resp: 13695

Ion	Ratio	Lower	Upper
152	100		
151	19.2	4.0	6.0#
153	12.8	10.3	15.5



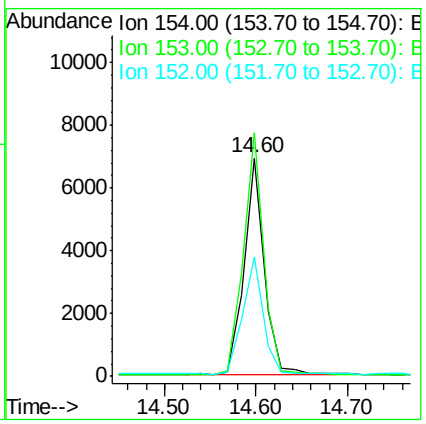


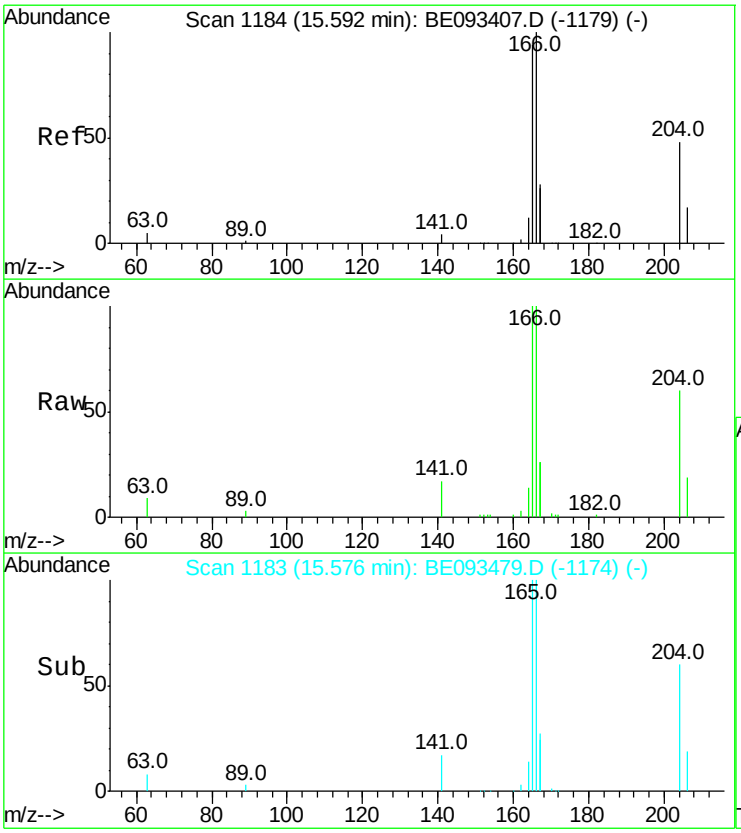
#17
Acenaphthene
Concen: 0.284 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10583

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.2	136.8
152	54.9	44.8	67.2

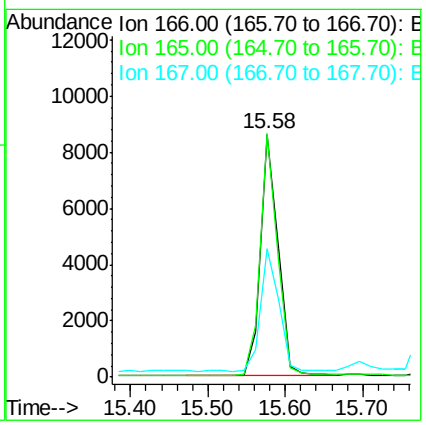


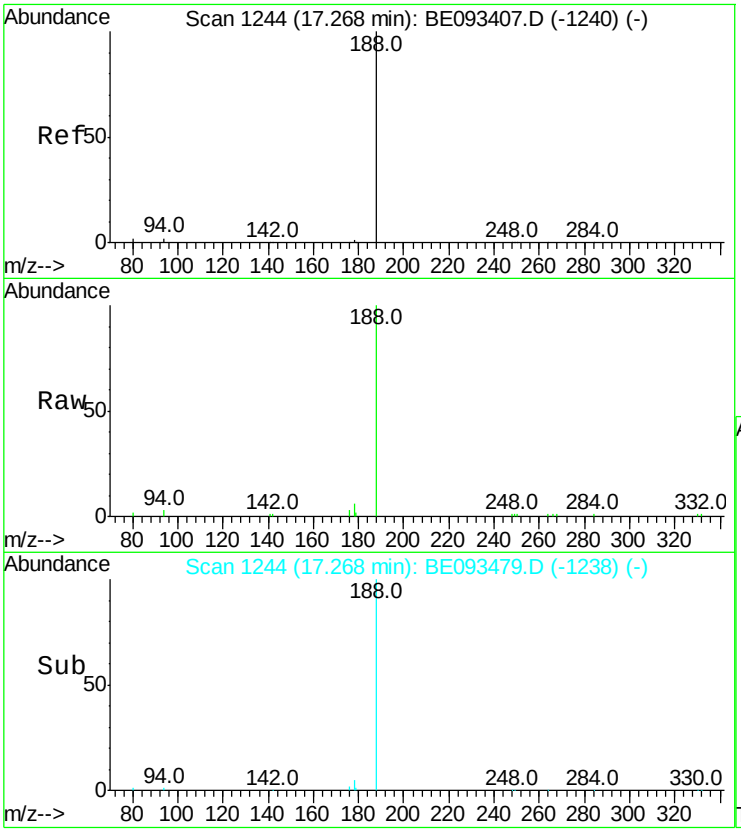


#18
Fluorene
Concen: 0.265 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:166 Resp: 13506

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	52.6	11.1	16.7#



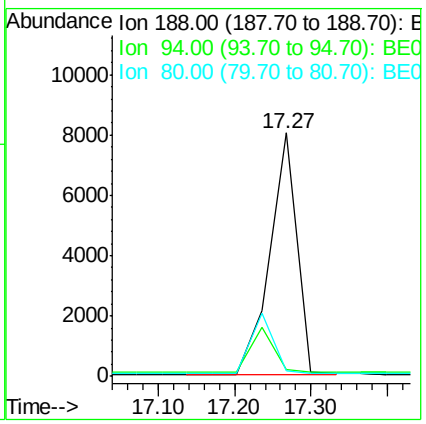


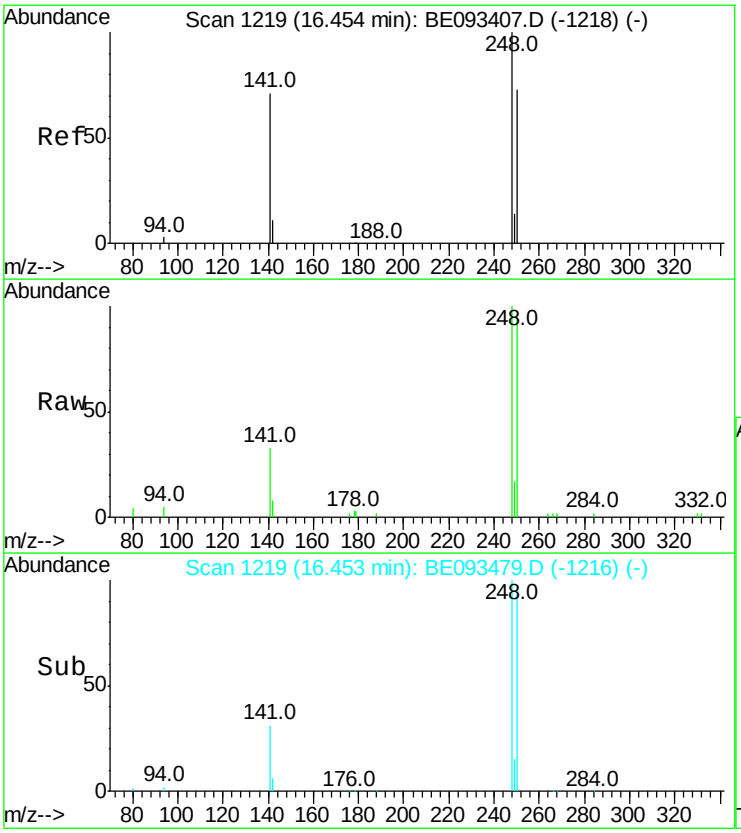
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 20122

Ion	Ratio	Lower	Upper
188	100		
94	2.9	11.3	16.9#
80	2.4	11.7	17.5#

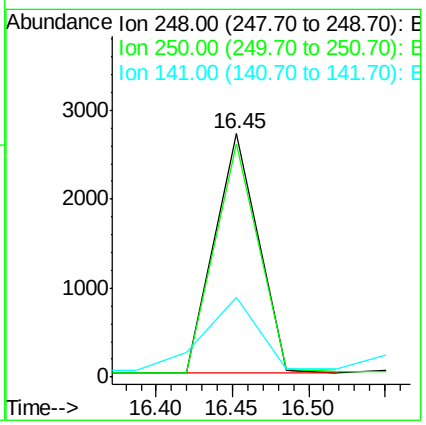


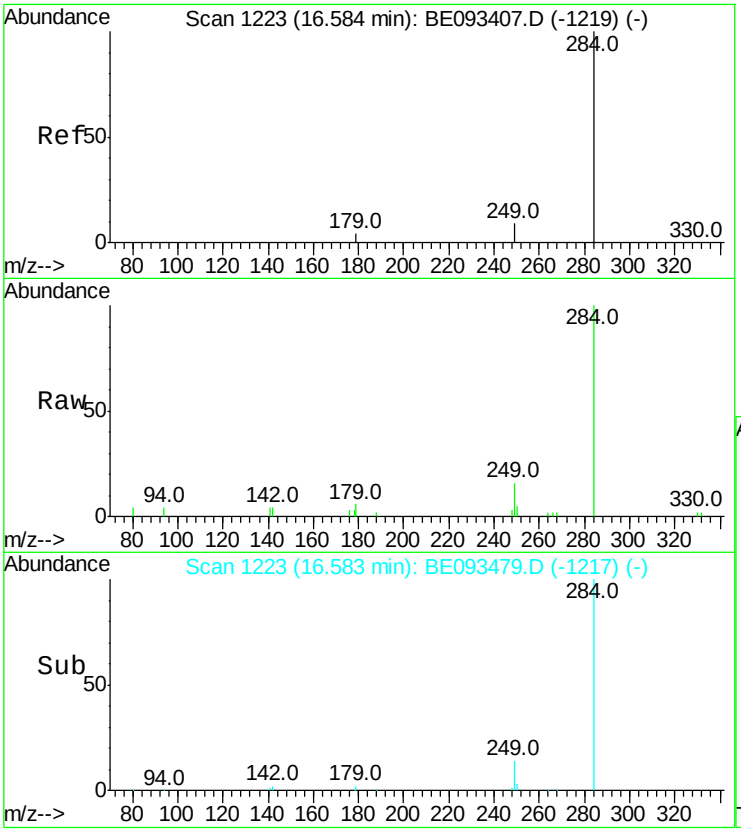


#20
4-Bromophenyl-phenylether
Concen: 0.478 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:248 Resp: 5280

Ion	Ratio	Lower	Upper
248	100		
250	96.0	40.8	61.2#
141	32.8	161.6	242.4#



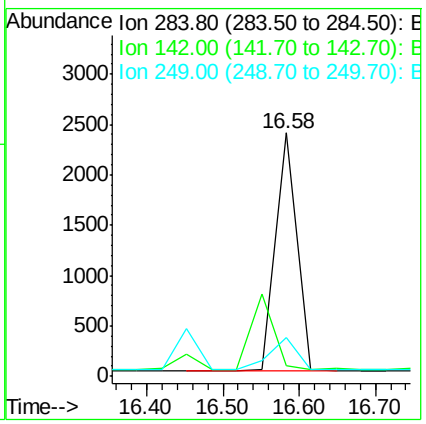


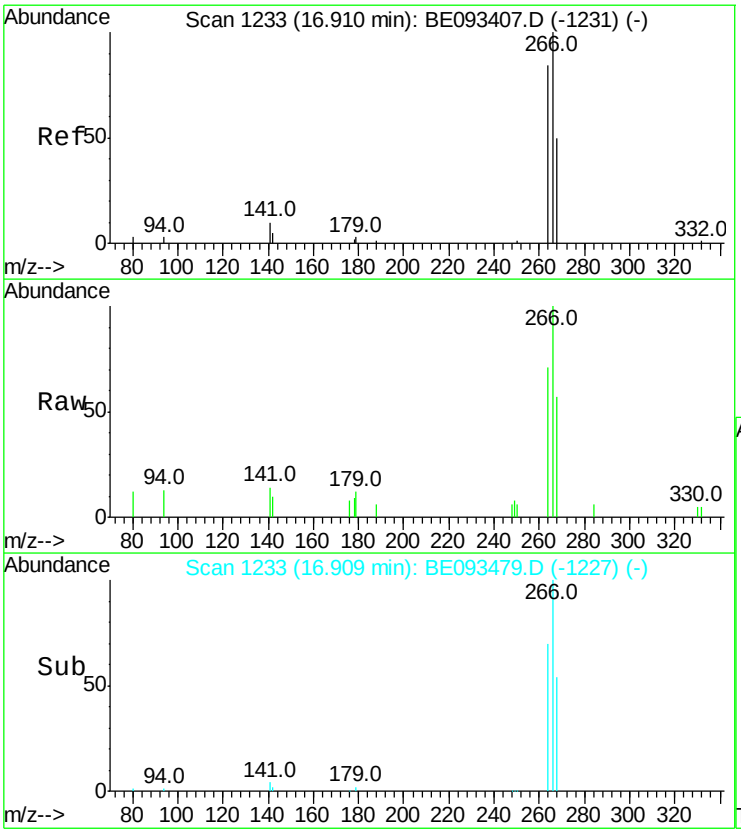
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4670

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	17.3	0.0	0.0#

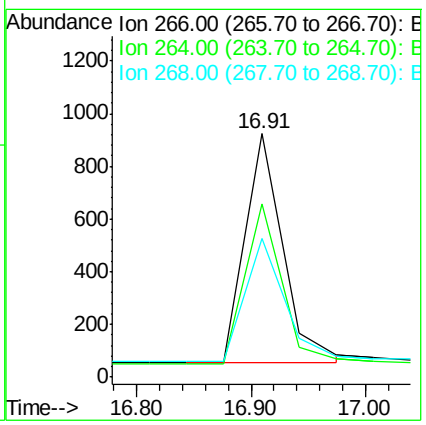


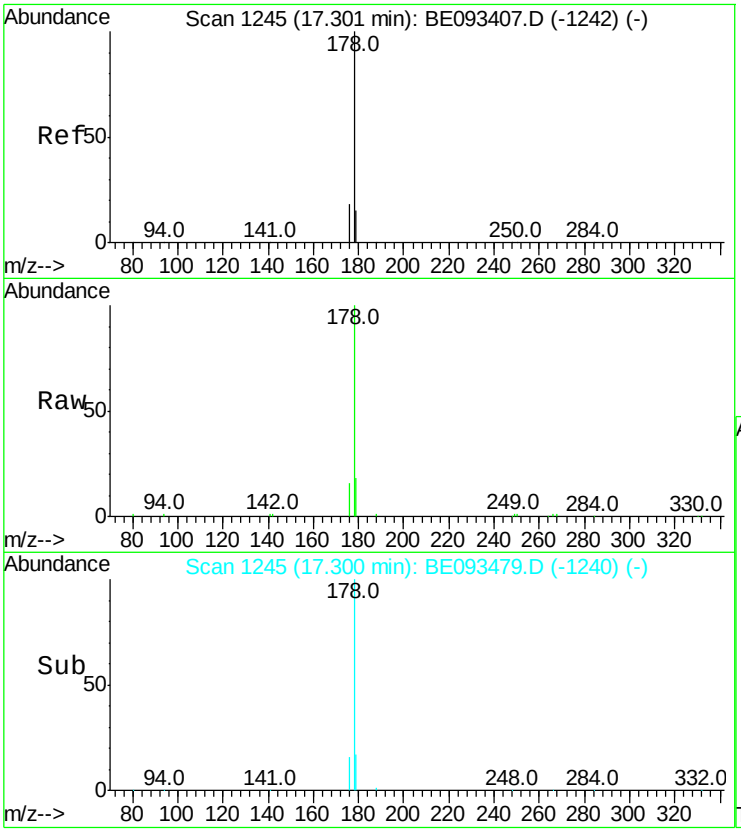


#22
Pentachlorophenol
Concen: 1.164 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:266 Resp: 1981

Ion	Ratio	Lower	Upper
266	100		
264	71.3	58.2	87.2
268	57.0	71.9	107.9#



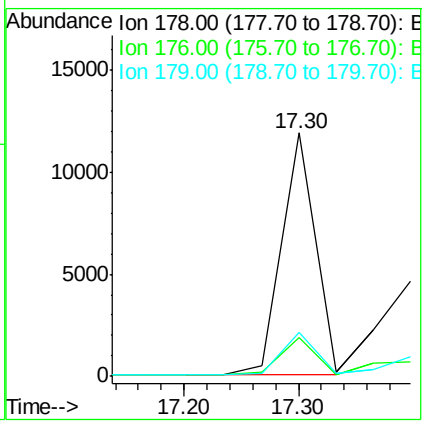


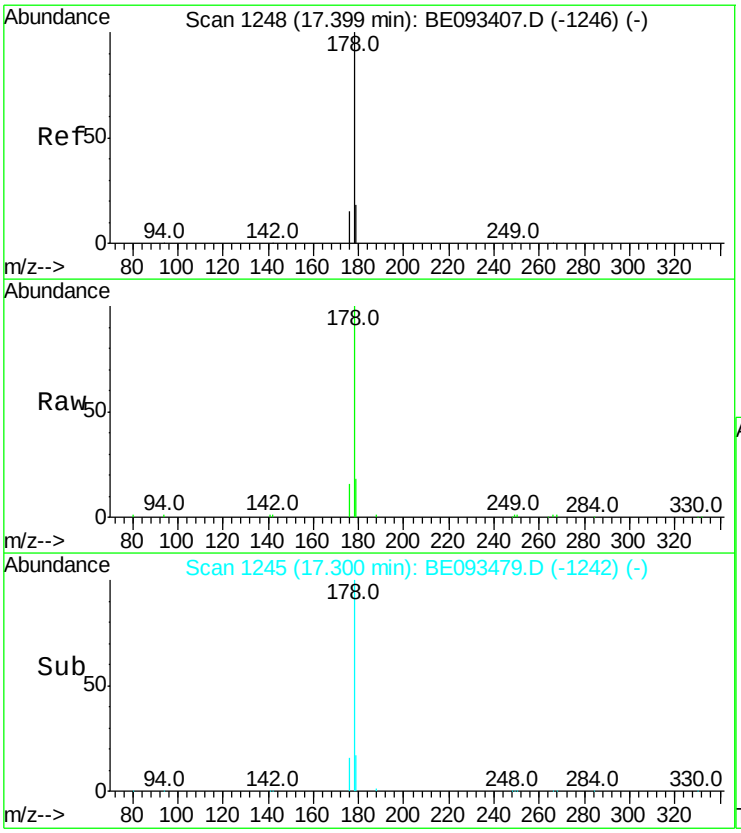
#23
Phenanthrene
Concen: 0.331 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 24208

Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.0	22.4
179	17.5	12.7	19.1

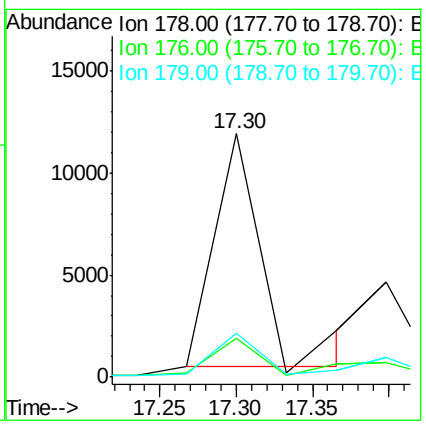


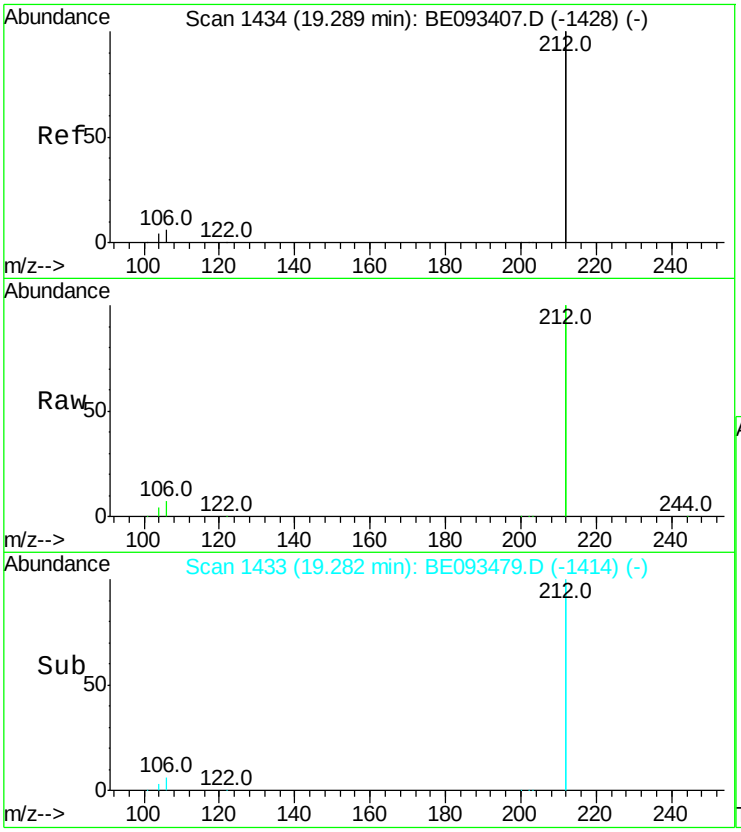


#24
Anthracene
Concen: 0.561 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:178 Resp: 25152

Ion	Ratio	Lower	Upper
178	100		
176	23.1	14.6	22.0#
179	16.9	12.0	18.0



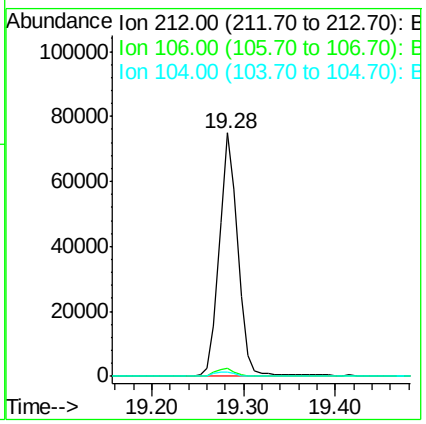


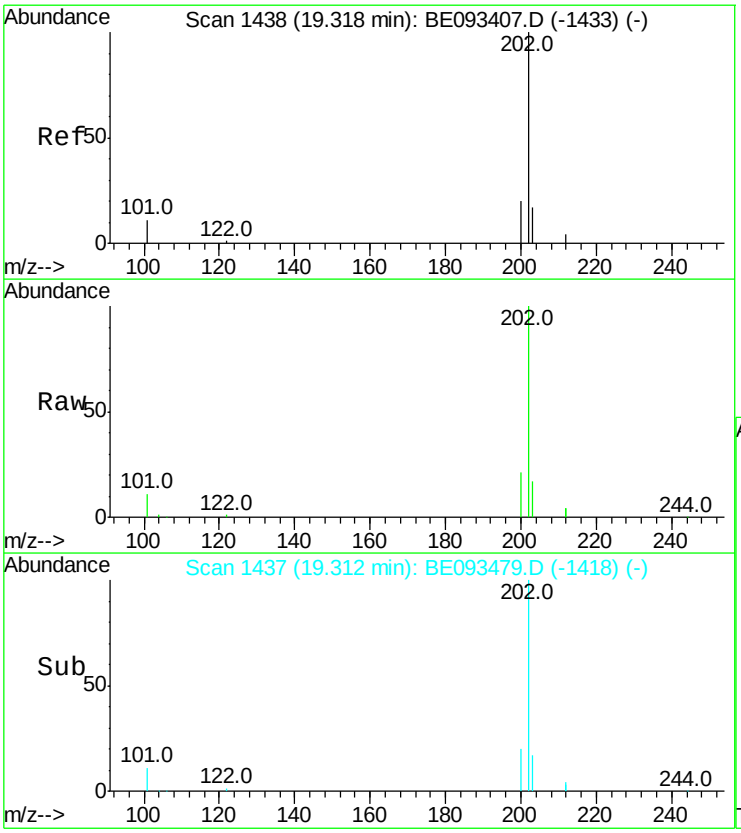
#25
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 103404

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4

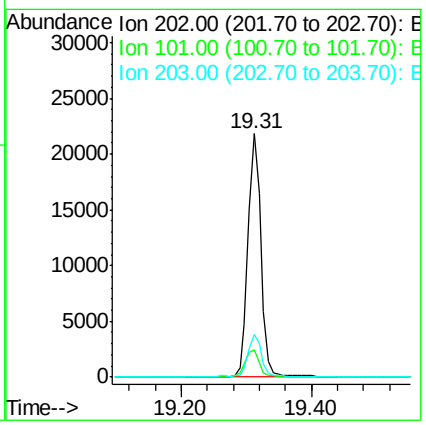


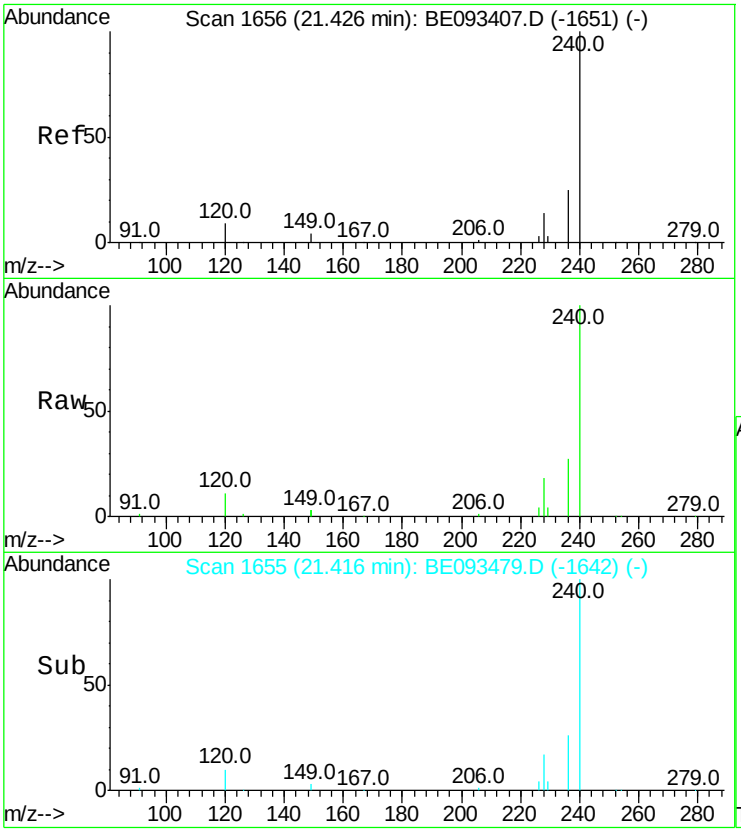


#26
Fluoranthene
Concen: 0.435 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:202 Resp: 29924

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.5	14.4	21.6



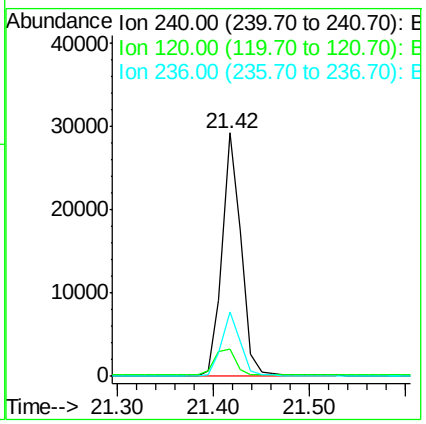


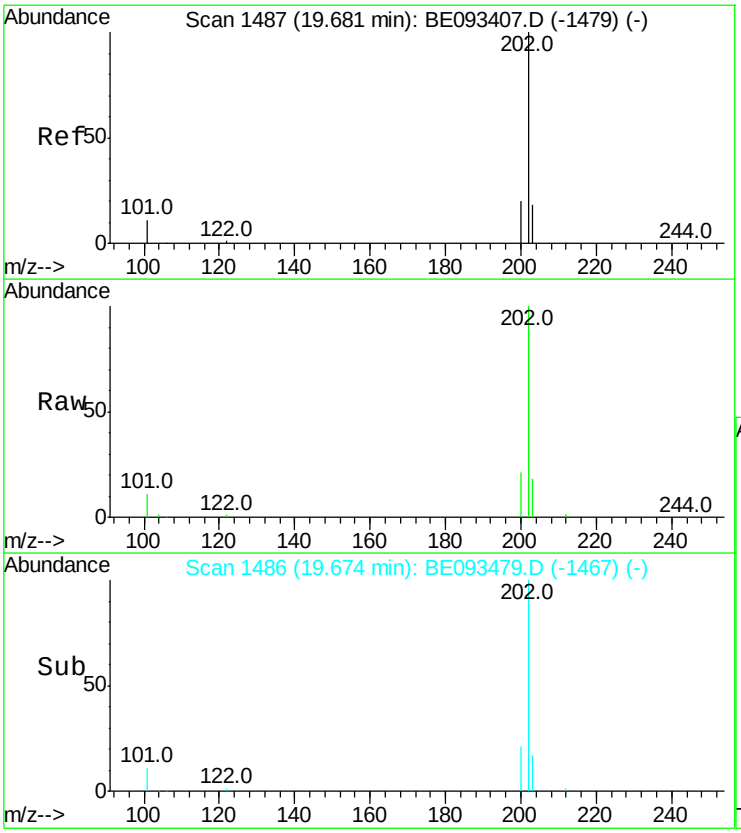
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 40240

Ion	Ratio	Lower	Upper
240	100		
120	11.0	4.6	7.0#
236	26.5	20.8	31.2

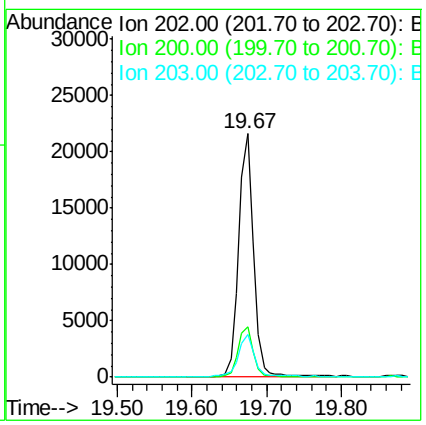


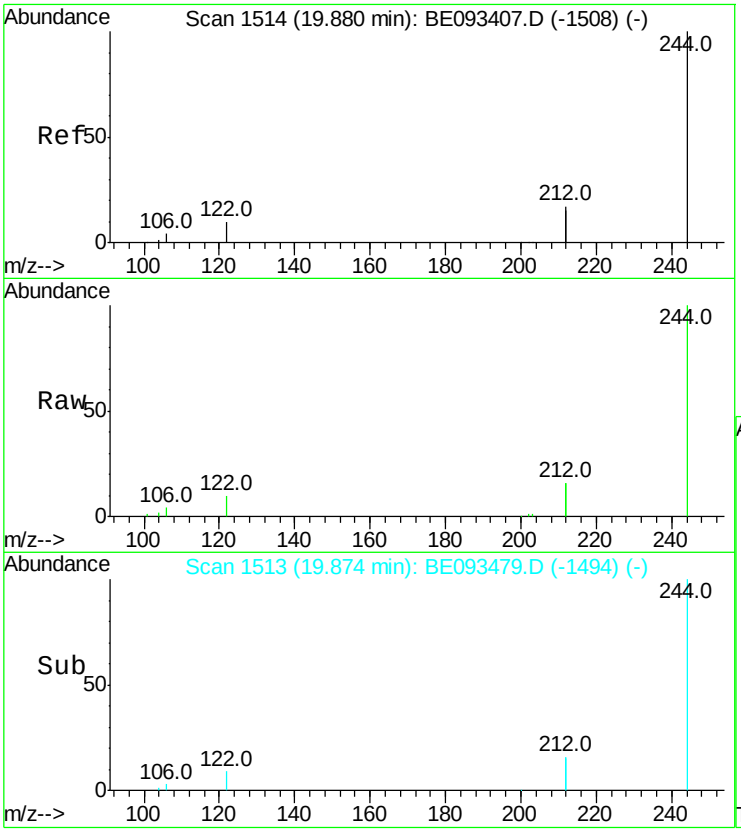


#28
Pyrene
Concen: 0.261 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:202 Resp: 29499

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.8	13.7	20.5



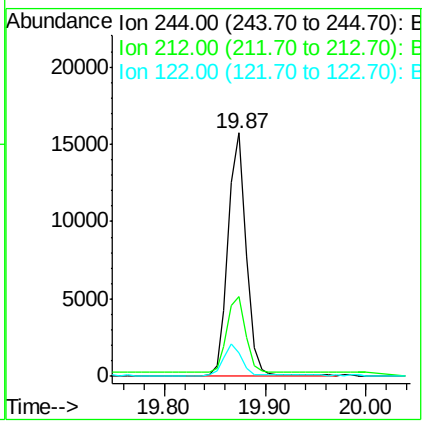


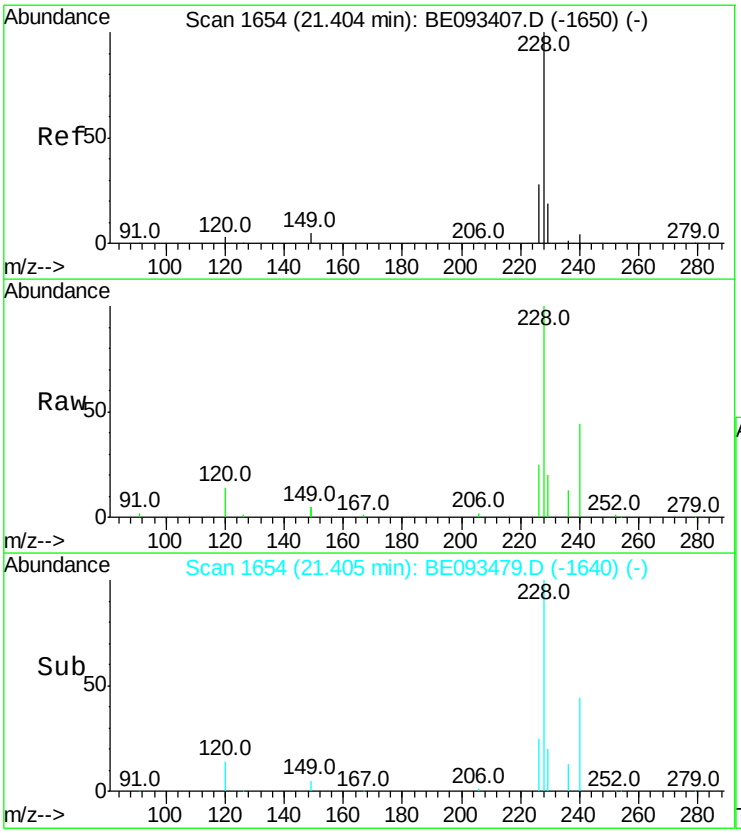
#29
Terphenyl-d14
Concen: 0.268 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 19252

Ion	Ratio	Lower	Upper
244	100		
212	32.5	10.6	16.0#
122	9.8	15.4	23.0#

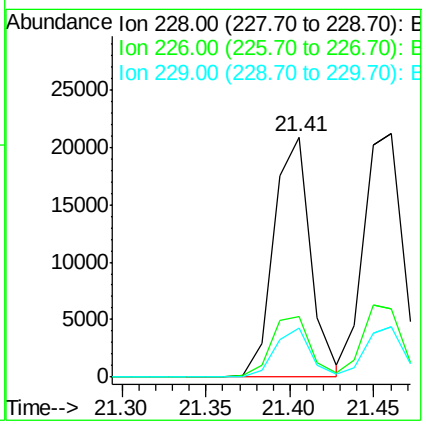


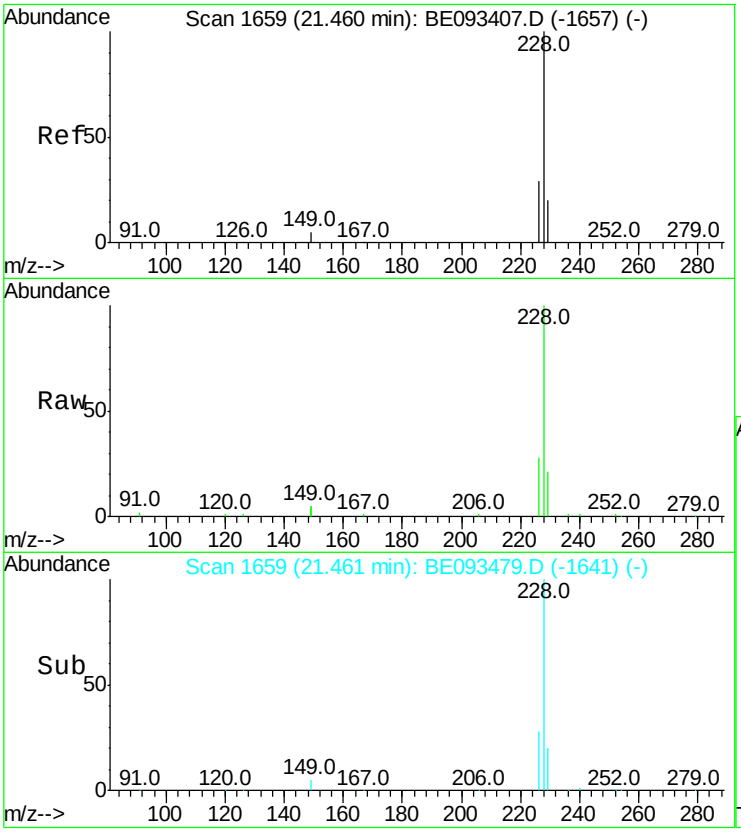


#30
Benzo(a)anthracene
Concen: 0.291 ng
RT: 21.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:228 Resp: 31575

Ion	Ratio	Lower	Upper
228	100		
226	25.2	19.7	29.5
229	20.2	19.2	28.8



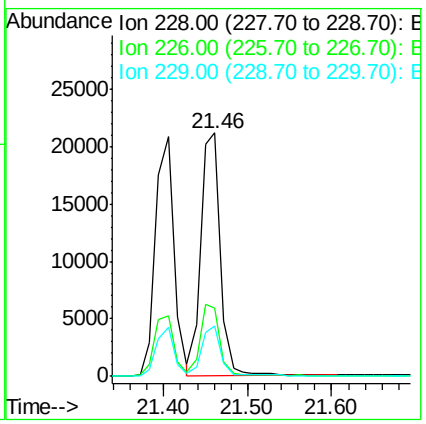


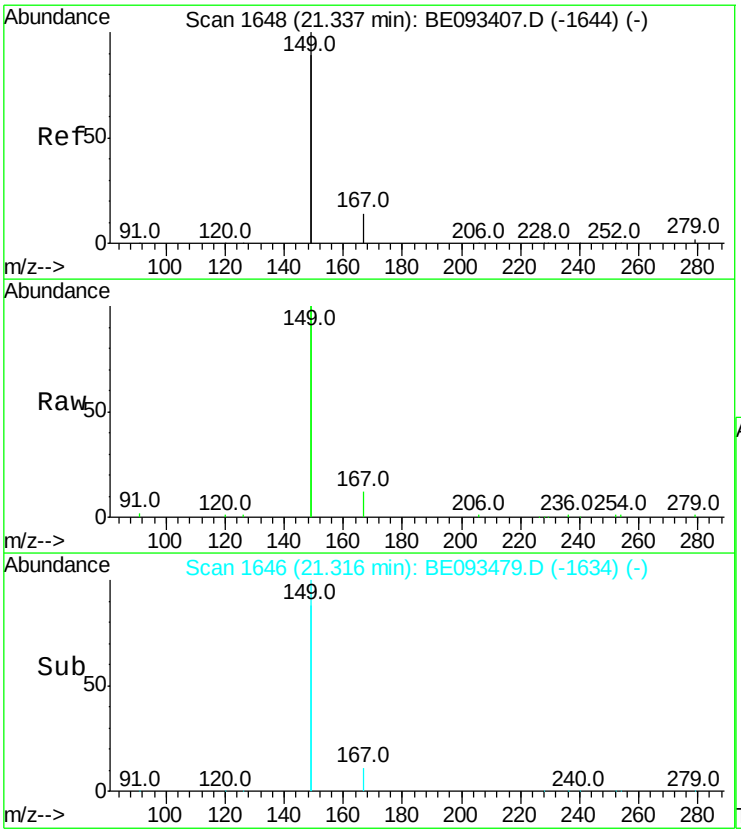
#31
Chrysene
Concen: 0.306 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34723

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.5	32.3
229	20.5	18.6	28.0

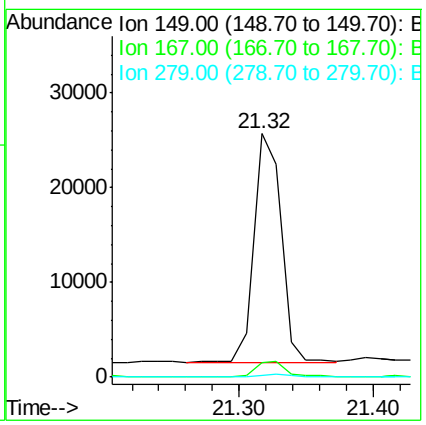


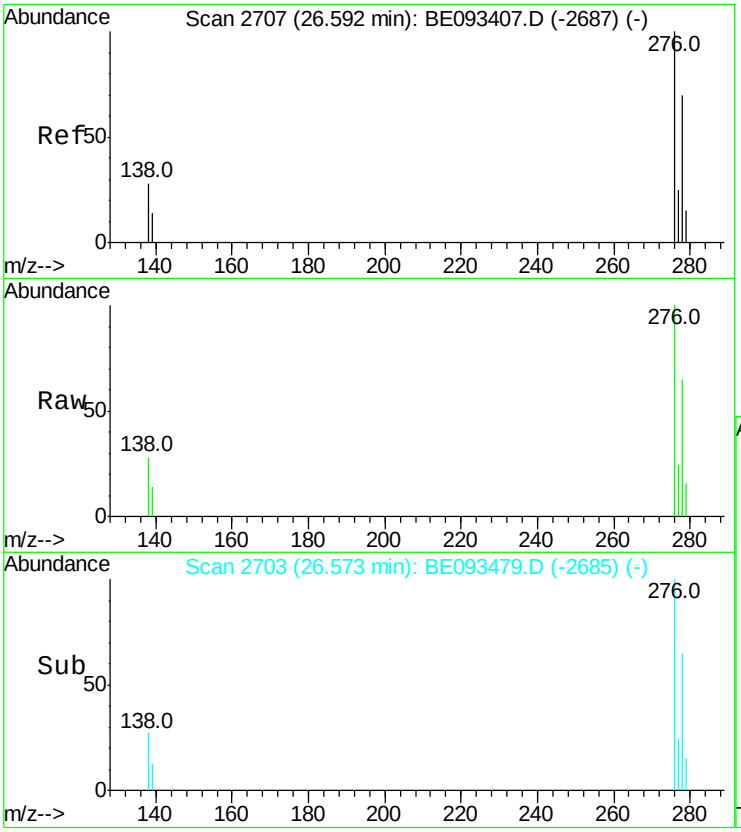


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.32 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:149 Resp: 34037

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#



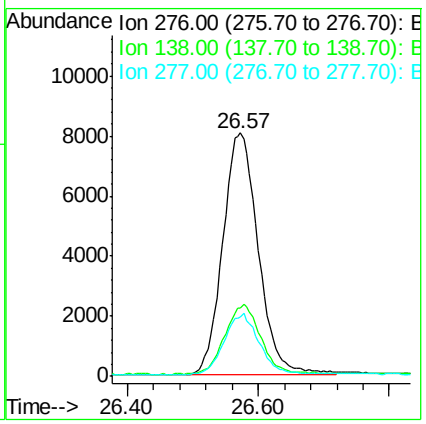


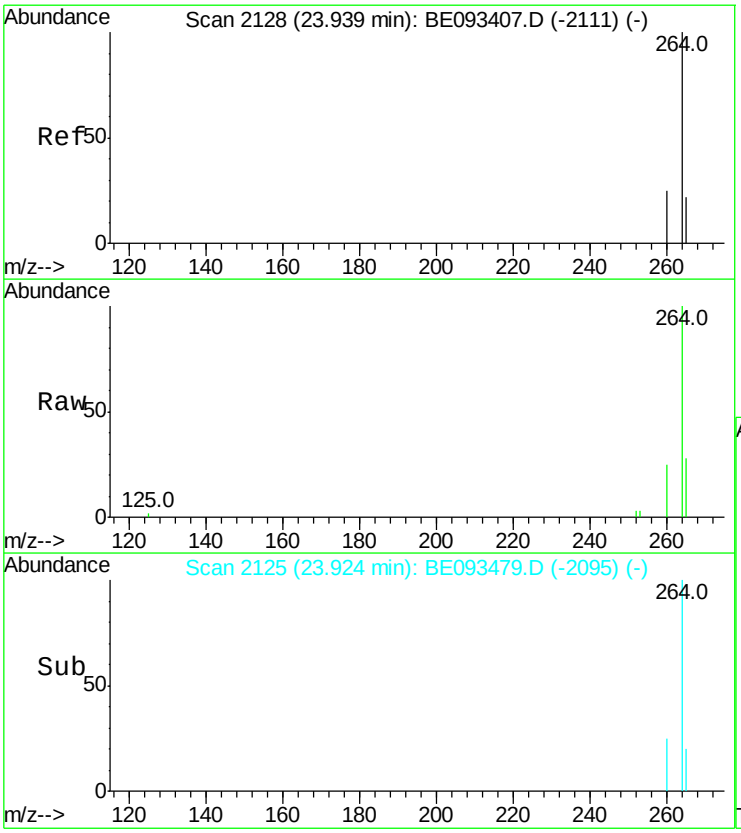
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng
RT: 26.57 min Scan# 2703
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 30081

Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.4	41.2
277	24.5	20.1	30.1

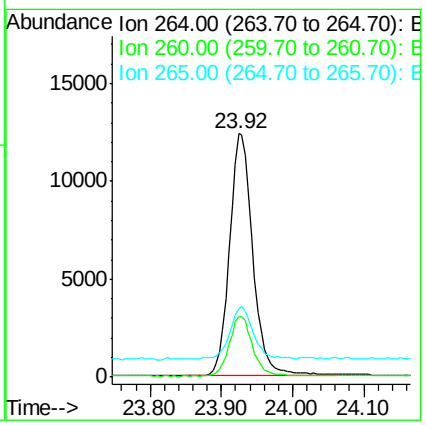


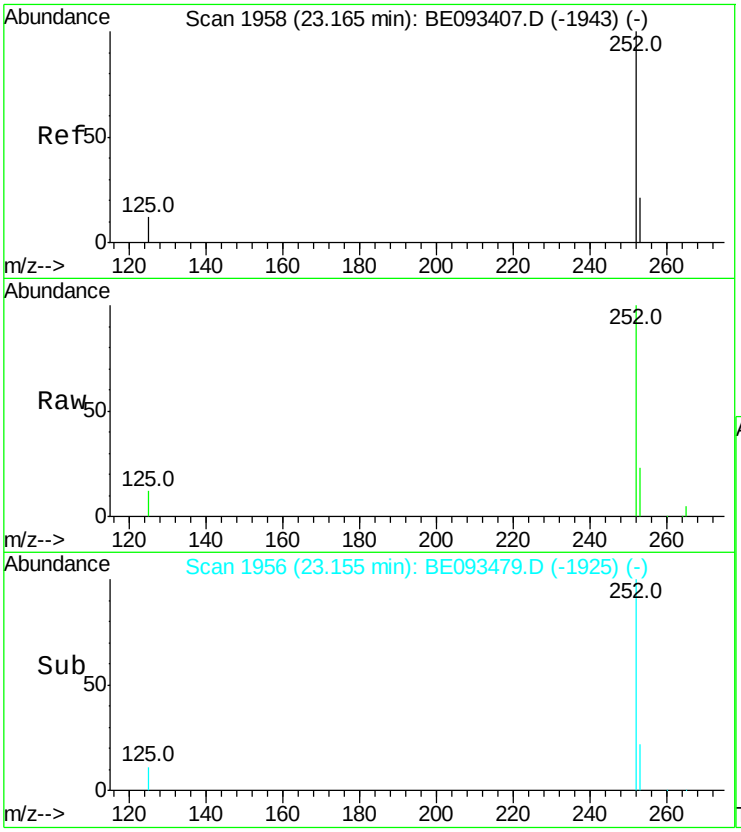


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:264 Resp: 28333

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	28.1	24.6	36.8



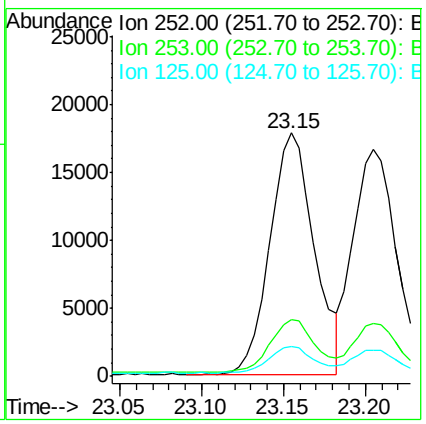


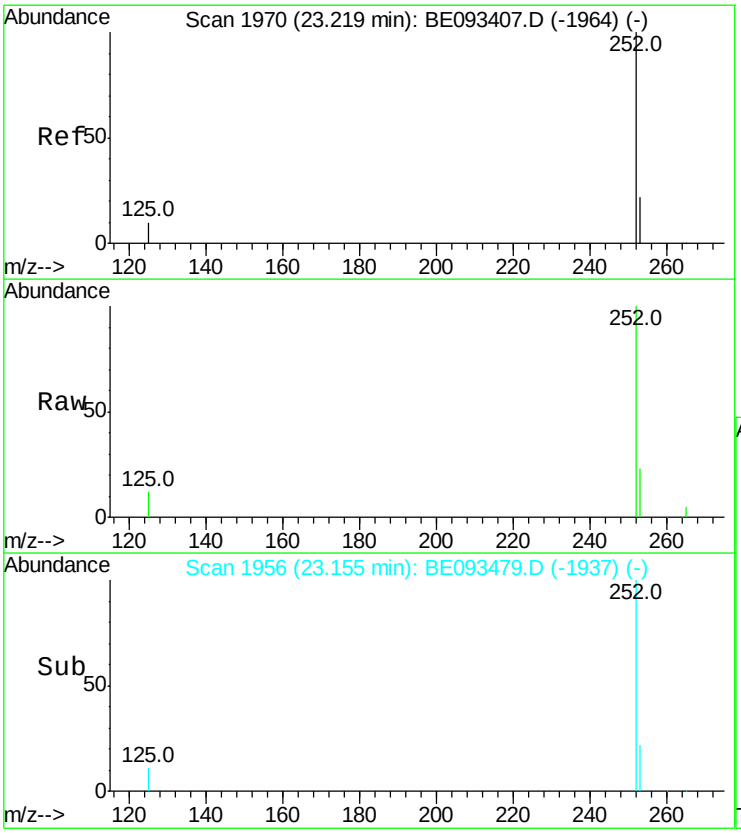
#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.15 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33428

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	12.3	13.4	20.0#

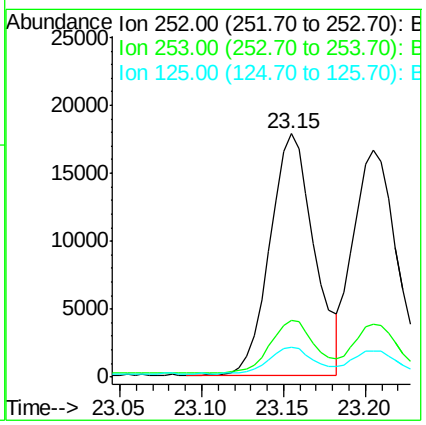


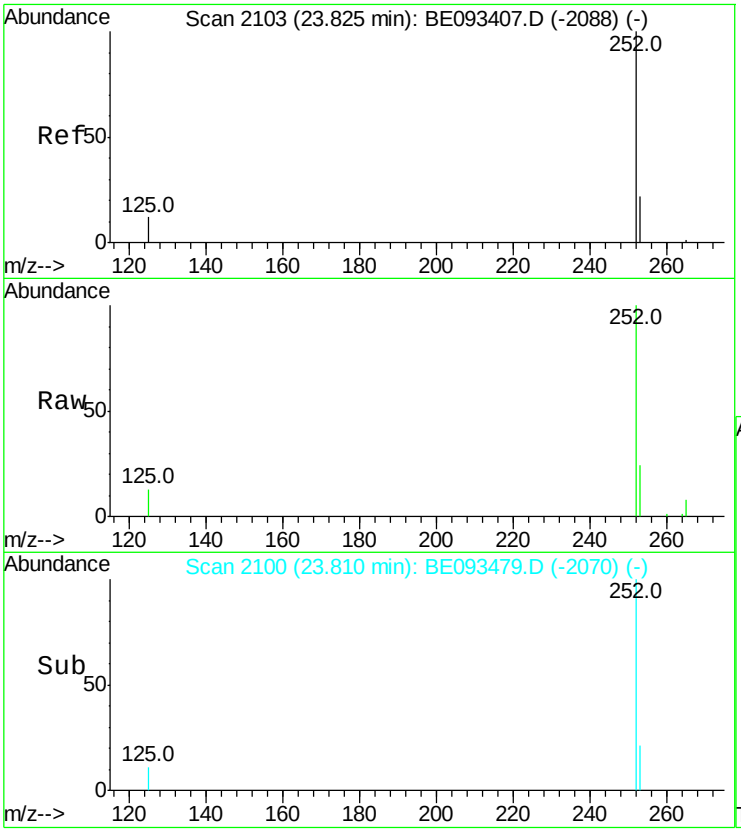


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.15 min Scan# 1956
Delta R.T. -0.06 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:252 Resp: 33428

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	12.3	12.2	18.4



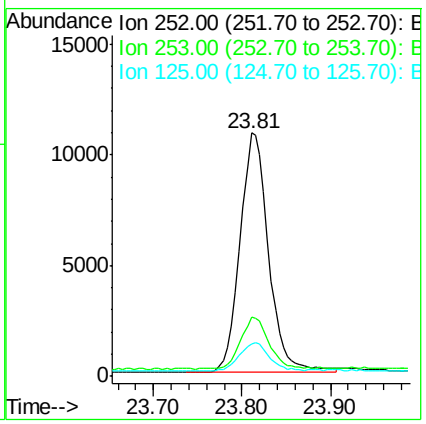


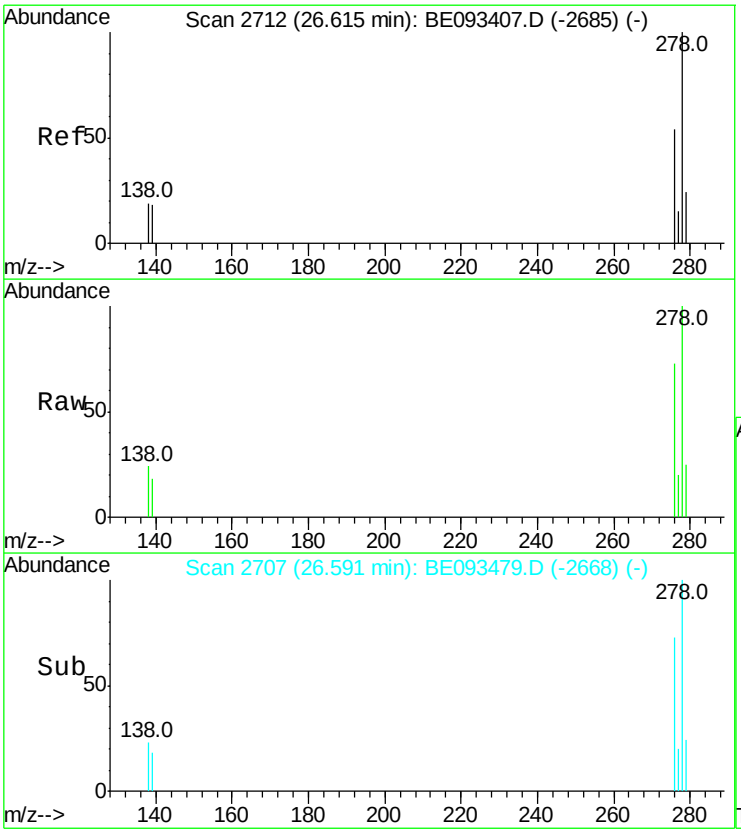
#37
Benzo(a)pyrene
Concen: 0.303 ng
RT: 23.81 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24318

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.9	29.9
125	13.5	14.6	21.8#

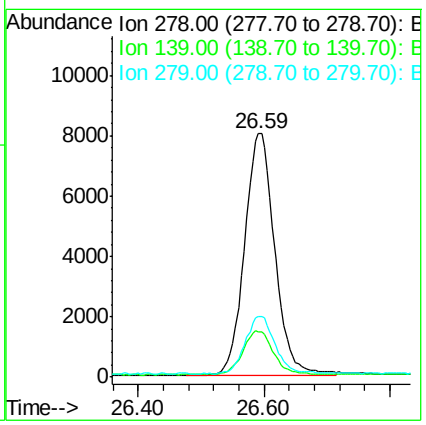


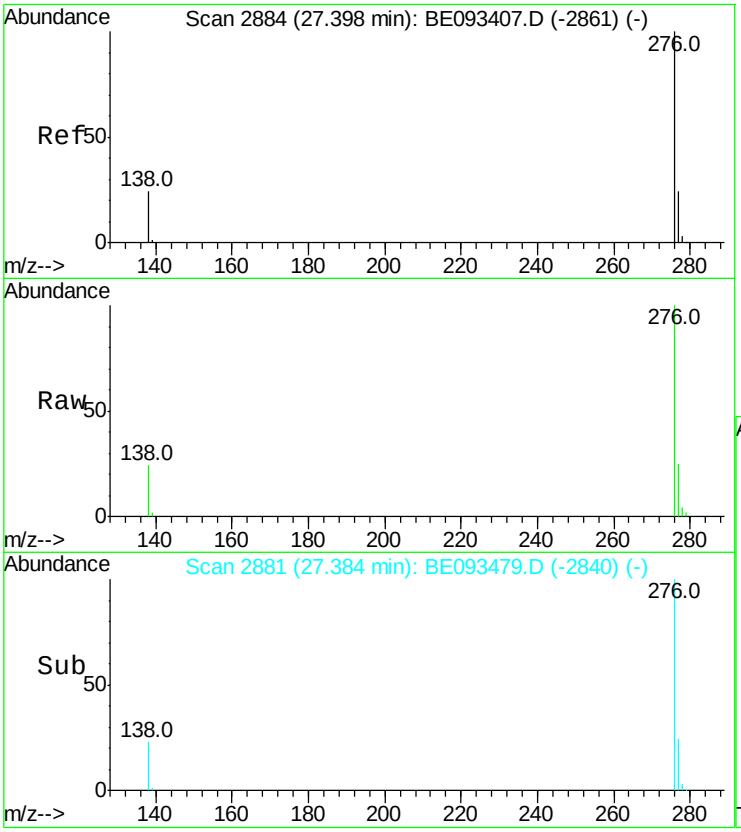


#38
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 26.59 min Scan# 2707
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:278 Resp: 26875

Ion	Ratio	Lower	Upper
278	100		
139	18.5	21.4	32.0#
279	25.1	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.328 ng
RT: 27.38 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 25746

Ion	Ratio	Lower	Upper
276	100		
277	24.9	21.2	31.8
138	24.5	24.5	36.7