Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071317\
Data File : BE093455.D
Acq On : 13 Jul 2017 12:48
Operator : SJ/JU
Sample : I4142-03MSD
Misc : LOO 0.2 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 13 15:20:50 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	7.93	152	4646	0.40	ng		-0.01
7) Naphthalene-d8	10.72	136	21589	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	13771	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	28234	0.40	ng		0.00
27) Chrysene-d12	21.43	240	42990	0.40	ng		0.00
34) Perylene-d12	23.93	264	35628	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2226	0.16	ng		0.00
5) Phenol-d6	7.10	99	1877	0.09	ng		0.00
8) Nitrobenzene-d5	9.08	82	5884	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	12203	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1240	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	24755	0.46	ng		0.00
25) Fluoranthene-d10	19.28	212	177851	0.52	ng		0.00
29) Terphenyl-d14	19.87	244	36497	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	3499	0.356	ng	#	45
3) n-Nitrosodimethylamine	3.77	42	771	0.232	ng	#	84
6) bis(2-Chloroethyl)ether	7.35	93	5772	0.371	ng	#	96
9) Naphthalene	10.77	128	87215	0.386	ng	#	73
10) Hexachlorobutadiene	11.06	225	2795	0.326	ng		99
12) 2-Methylnaphthalene	12.38	142	15143	0.399	ng		96
16) Acenaphthylene	14.26	152	22120	0.386	ng	#	87
17) Acenaphthene	14.60	154	15867	0.378	ng		99
18) Fluorene	15.58	166	22181	0.385	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	9548	0.617	ng	#	4
21) Hexachlorobenzene	16.58	284	8421	0.504	ng	#	100
22) Pentachlorophenol	16.91	266	4001	1.551	ng	#	79
23) Phenanthrene	17.30	178	48667	0.474	ng		97
24) Anthracene	17.40	178	17245	0.274	ng	#	74
26) Fluoranthene	19.31	202	51833	0.537	ng		99
28) Pyrene	19.67	202	51775	0.428	ng	#	98
30) Benzo(a)anthracene	21.40	228	46945	0.405	ng		94
31) Chrysene	21.46	228	48153	0.397	ng		95
32) Bis(2-ethylhexyl)phthalate	21.33	149	94938	0.568	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.57	276	44211	0.415	ng		94
35) Benzo(b)fluoranthene	23.16	252	44865	0.390	ng	#	96
36) Benzo(k)fluoranthene	23.16	252	44865	0.394	ng		95
37) Benzo(a)pyrene	23.82	252	37618	0.373	ng	#	94
38) Dibenzo(a,h)anthracene	26.60	278	37908	0.387	ng	#	90
39) Benzo(g,h,i)perylene	27.39	276	38223	0.387	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071317\
Data File : BE093455.D
Acq On : 13 Jul 2017 12:48
Operator : SJ/JU
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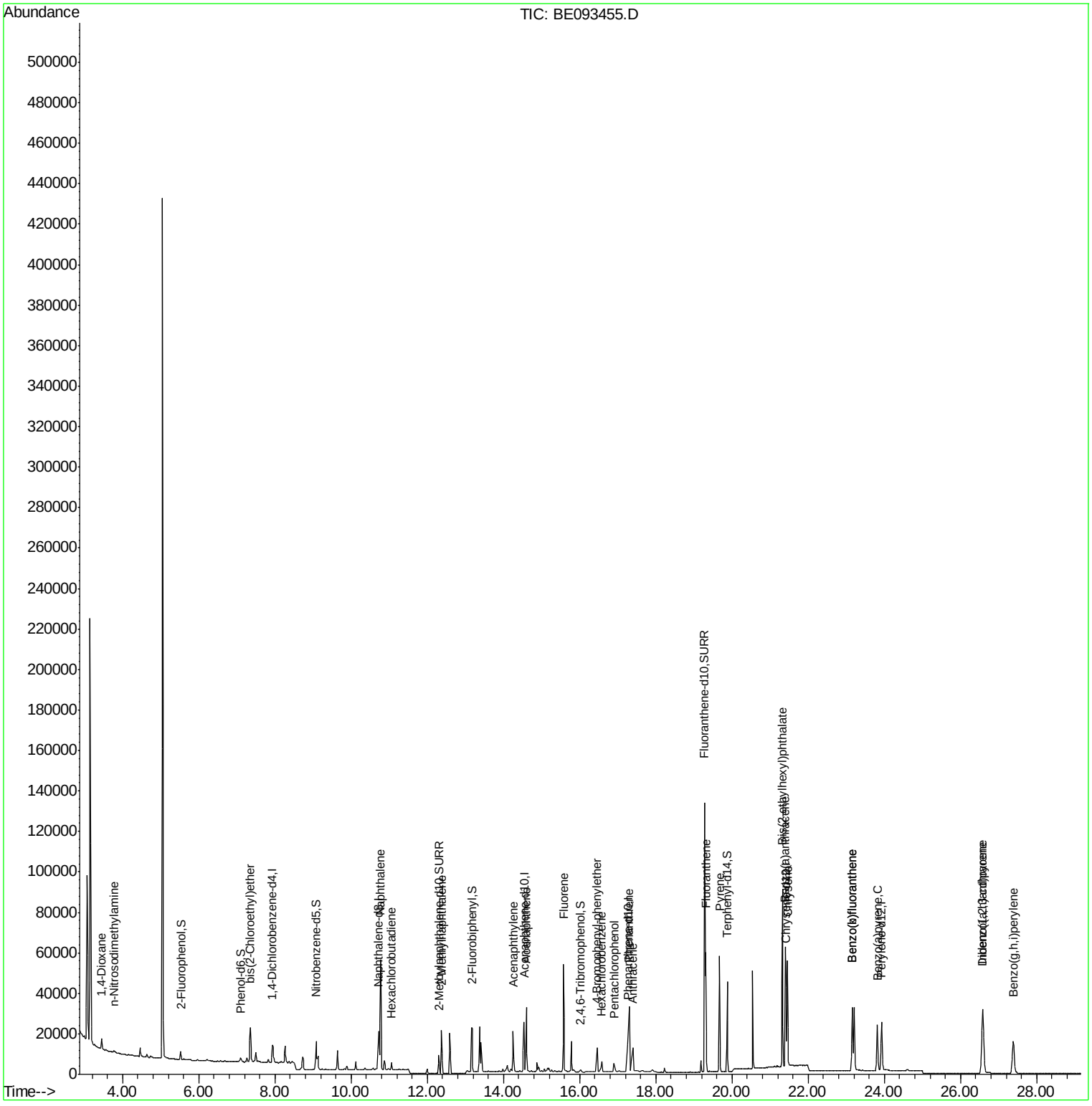
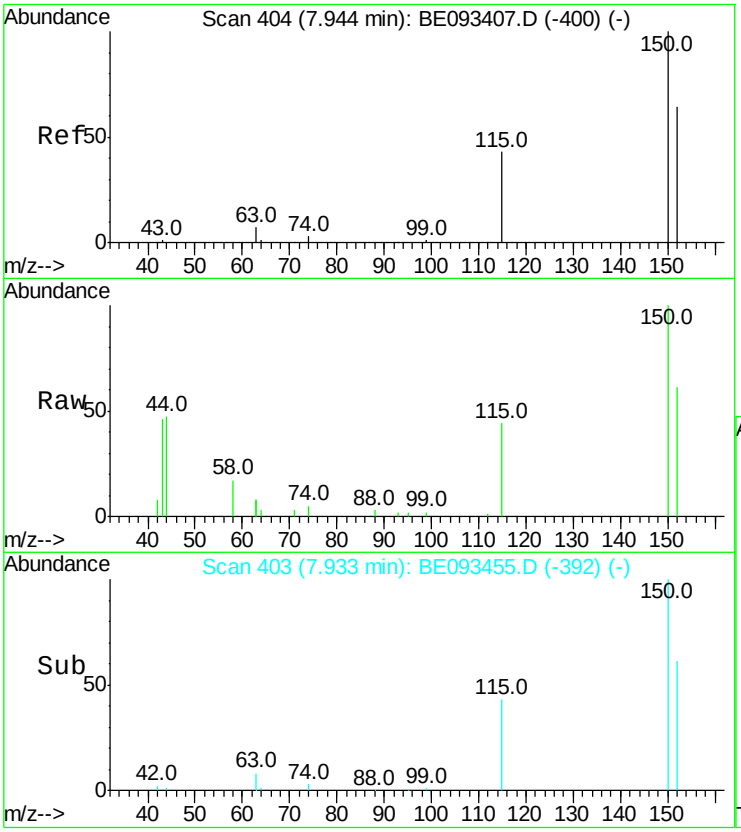
Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 13 15:20:50 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



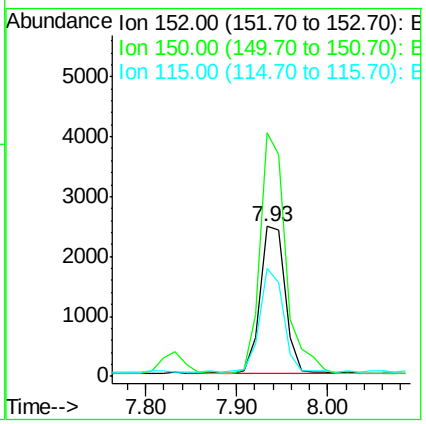


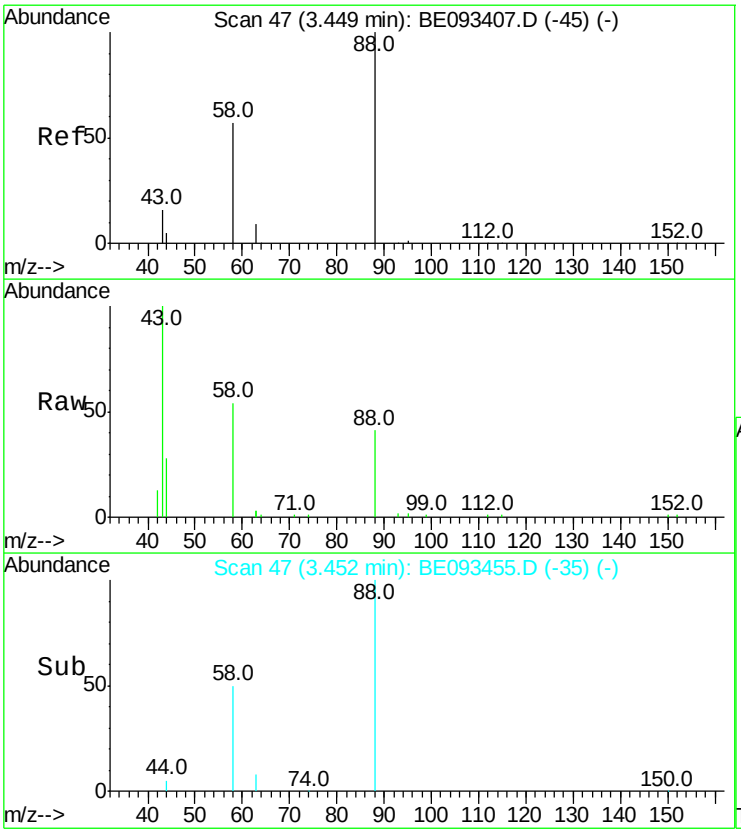
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4646

Ion	Ratio	Lower	Upper
152	100		
150	162.7	125.1	187.7
115	72.4	55.7	83.5

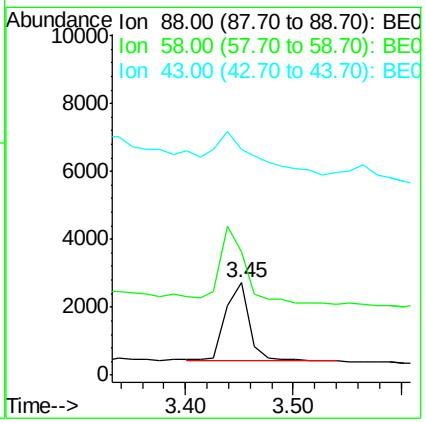


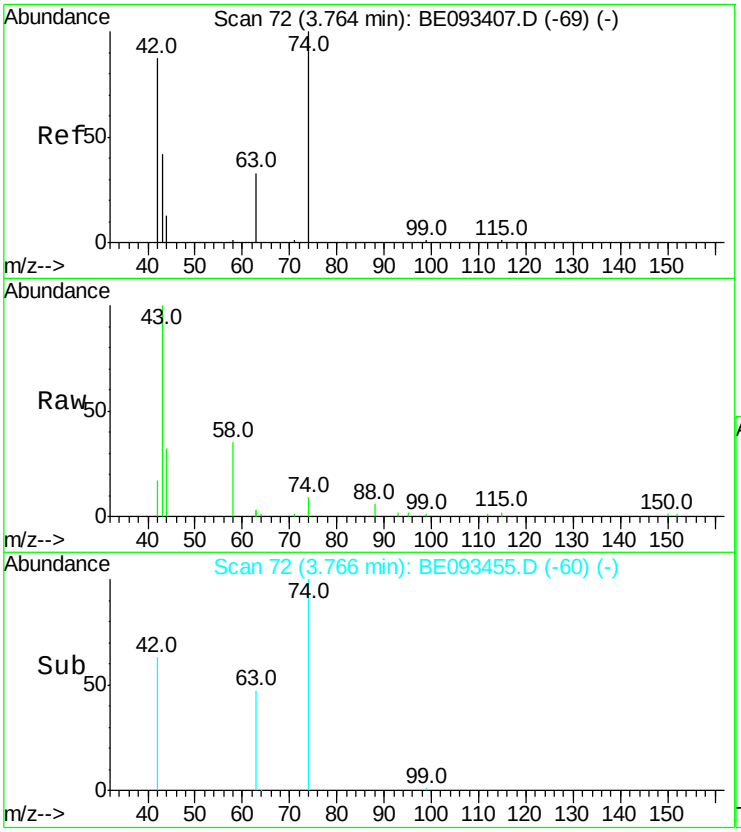


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion: 88 Resp: 3499

Ion	Ratio	Lower	Upper
88	100		
58	105.1	62.2	93.4#
43	91.2	23.2	34.8#



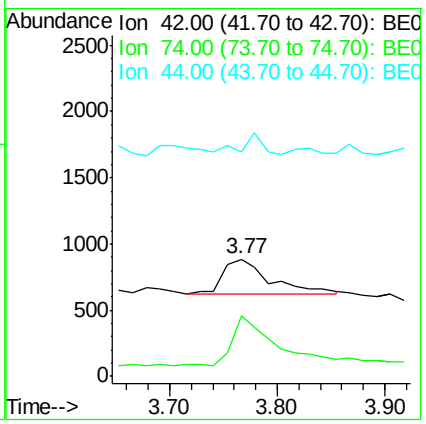


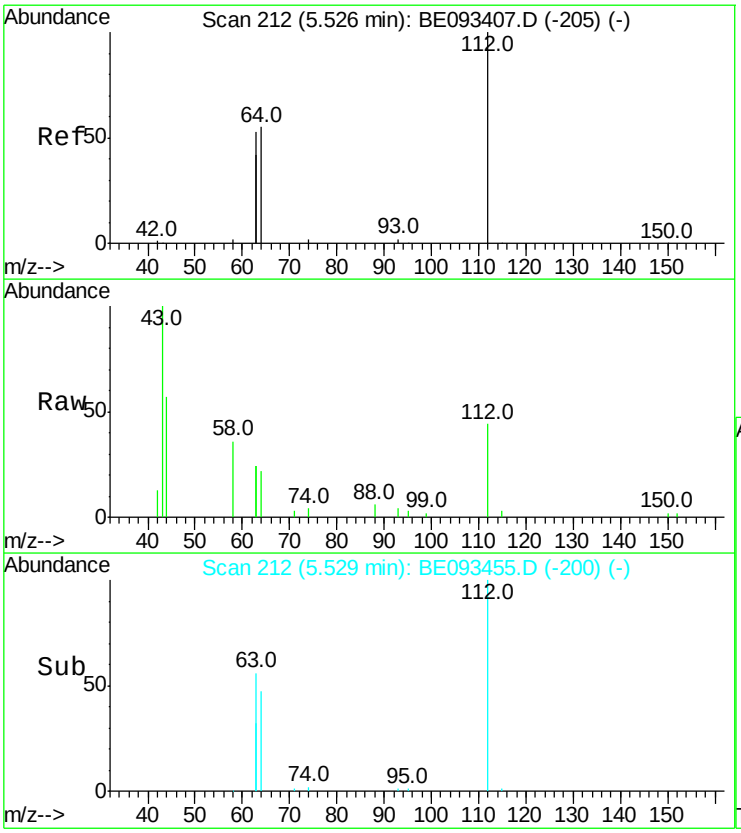
#3
n-Nitrosodimethylamine
Concen: 0.232 ng
RT: 3.77 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 771

Ion	Ratio	Lower	Upper
42	100		
74	139.6	99.1	148.7
44	26.7	7.4	11.2#

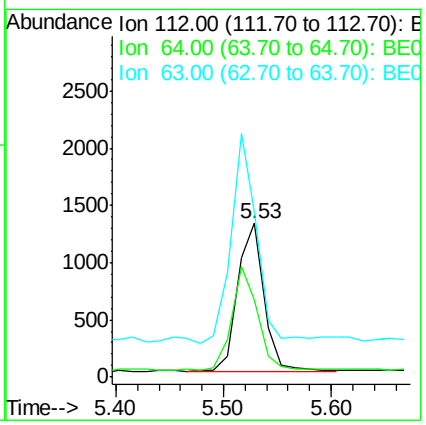


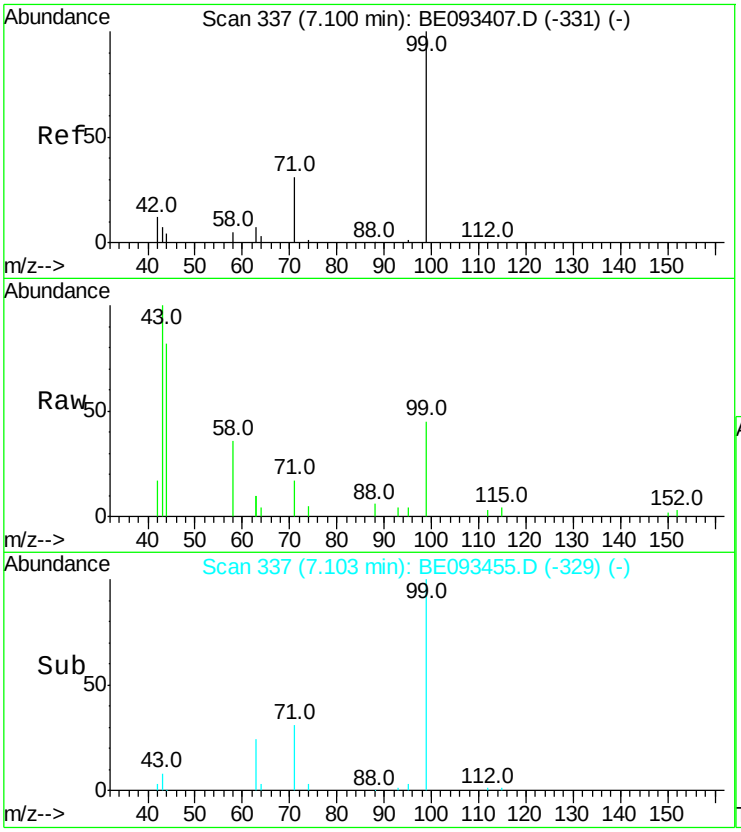


#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:112 Resp: 2226

Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.4	84.6
63	136.5	29.3	43.9#



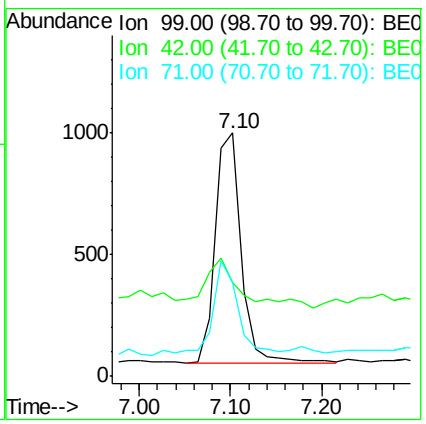


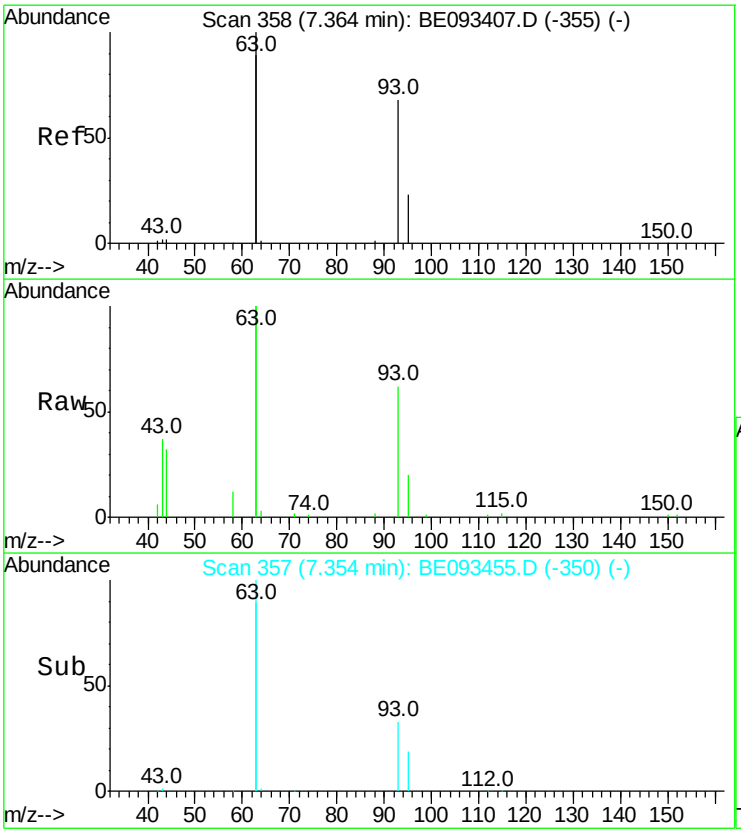
#5
Phenol-d6
Concen: 0.091 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1877

Ion	Ratio	Lower	Upper
99	100		
42	28.8	0.0	0.0#
71	39.6	0.0	0.0#

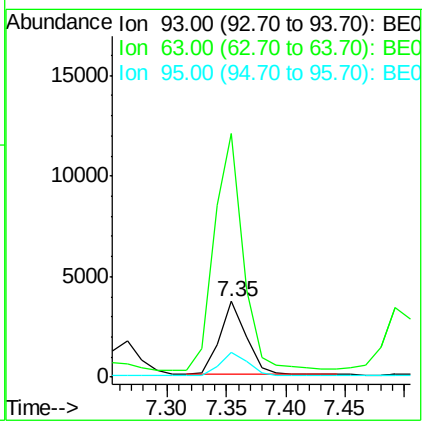


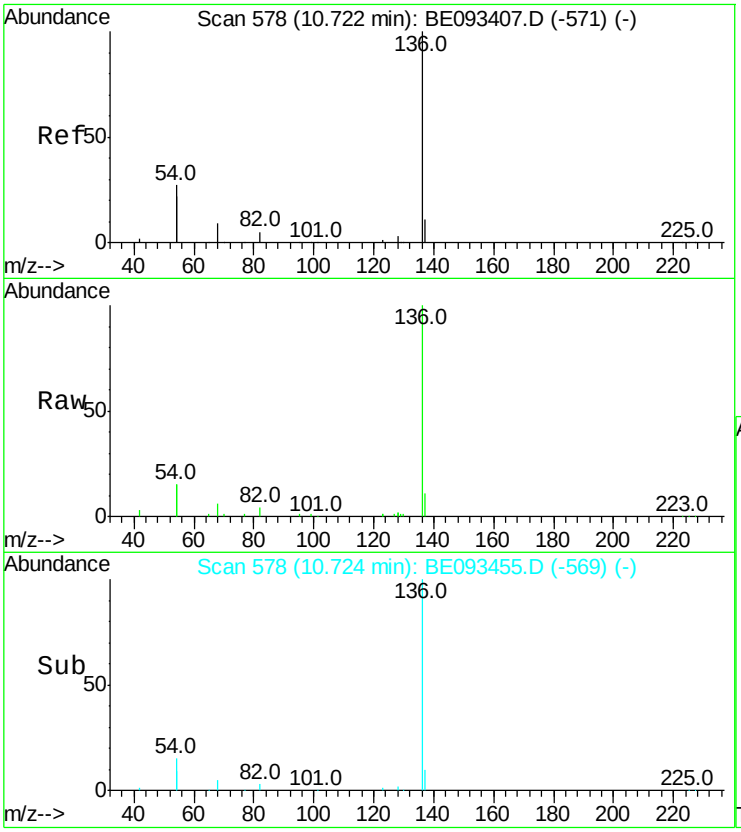


#6
bis(2-Chloroethyl)ether
Concen: 0.371 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion: 93 Resp: 5772

Ion	Ratio	Lower	Upper
93	100		
63	346.4	0.0	0.0#
95	33.7	25.4	38.0



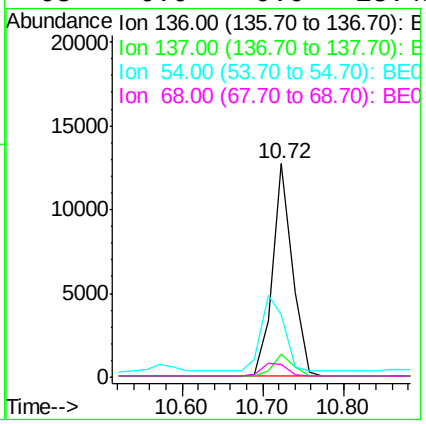


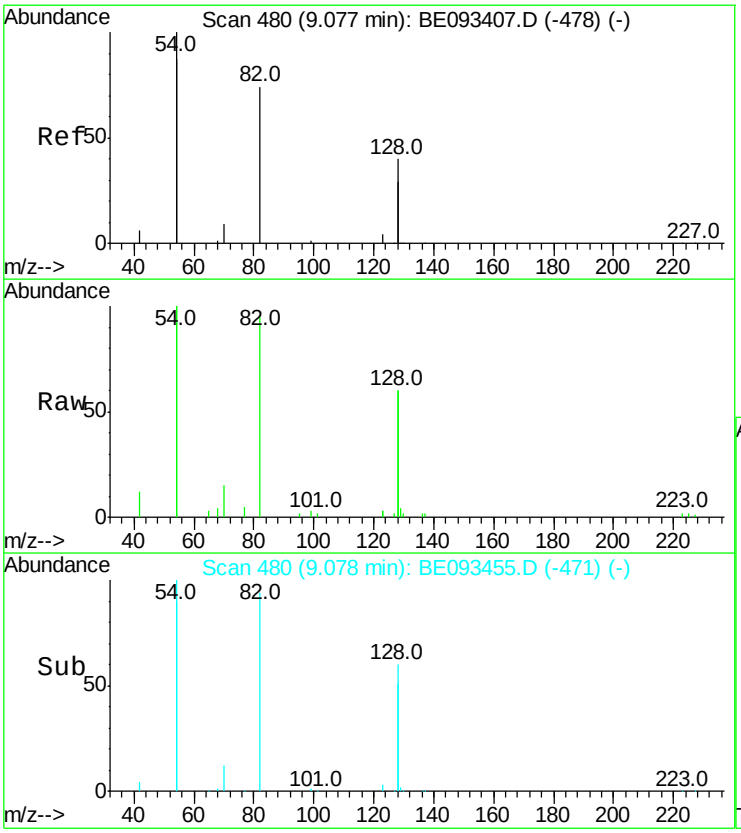
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 21589

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	29.5	10.3	15.5#
68	6.0	9.0	13.4#

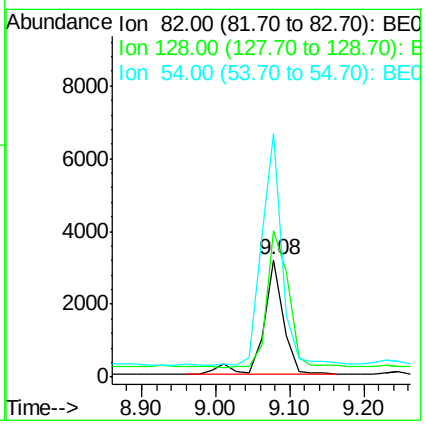


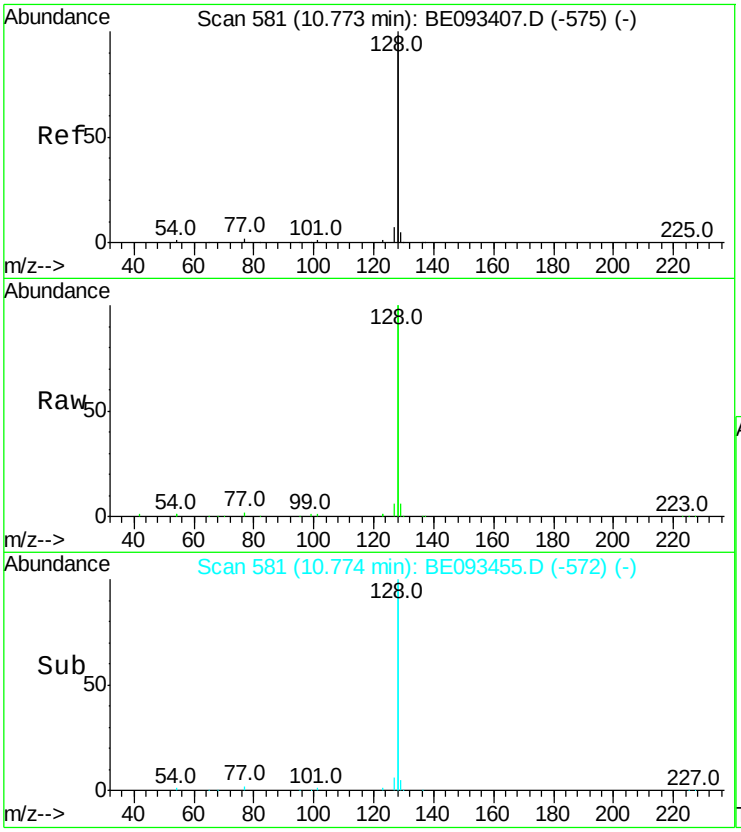


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion: 82 Resp: 5884

Ion	Ratio	Lower	Upper
82	100		
128	125.2	17.0	25.4#
54	207.8	53.8	80.6#



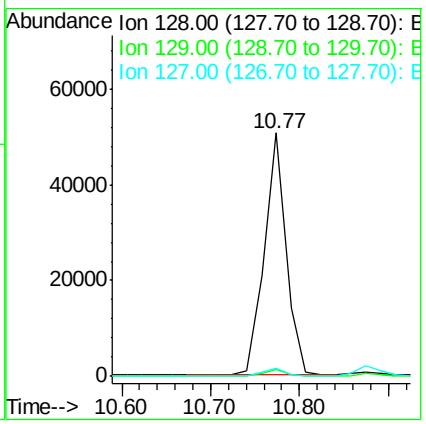


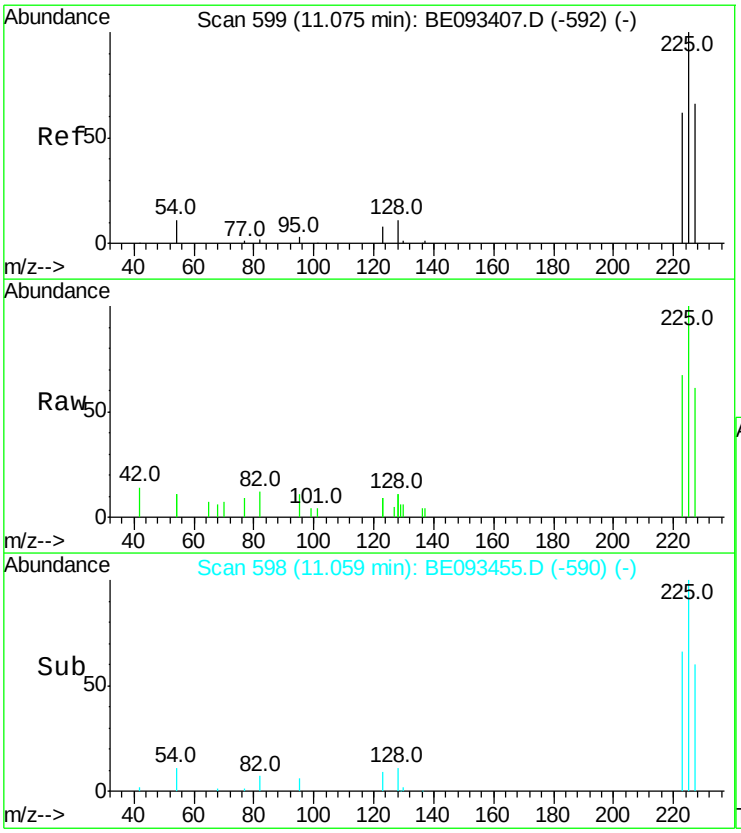
#9
Naphthalene
Concen: 0.386 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 87215

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

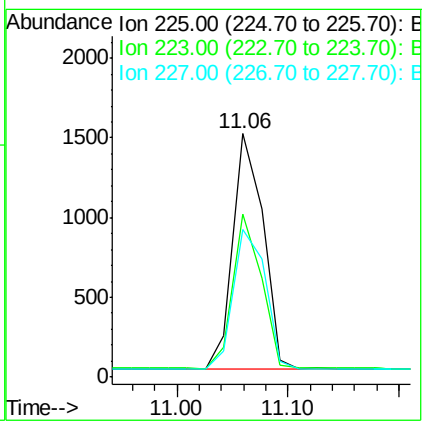


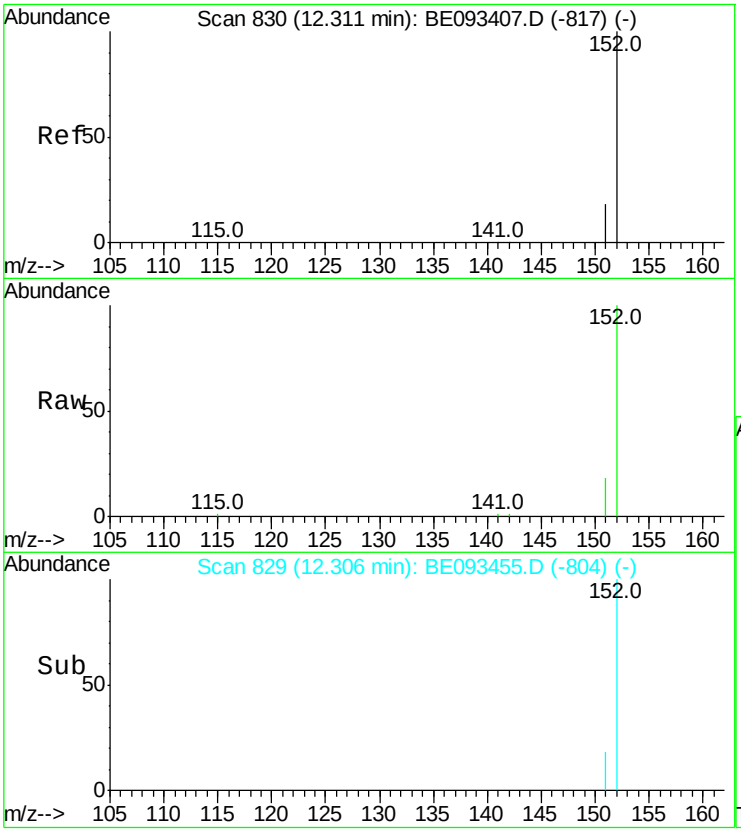


#10
Hexachlorobutadiene
Concen: 0.326 ng
RT: 11.06 min Scan# 598
Delta R.T. -0.02 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:225 Resp: 2795

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	63.5	50.3	75.5



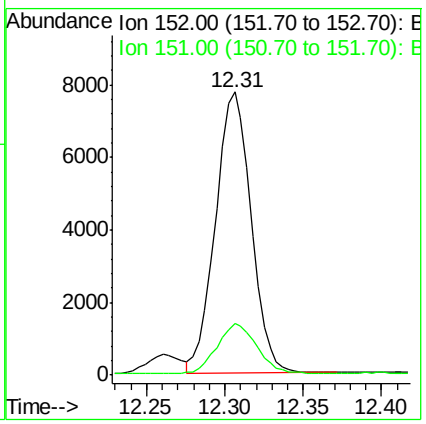


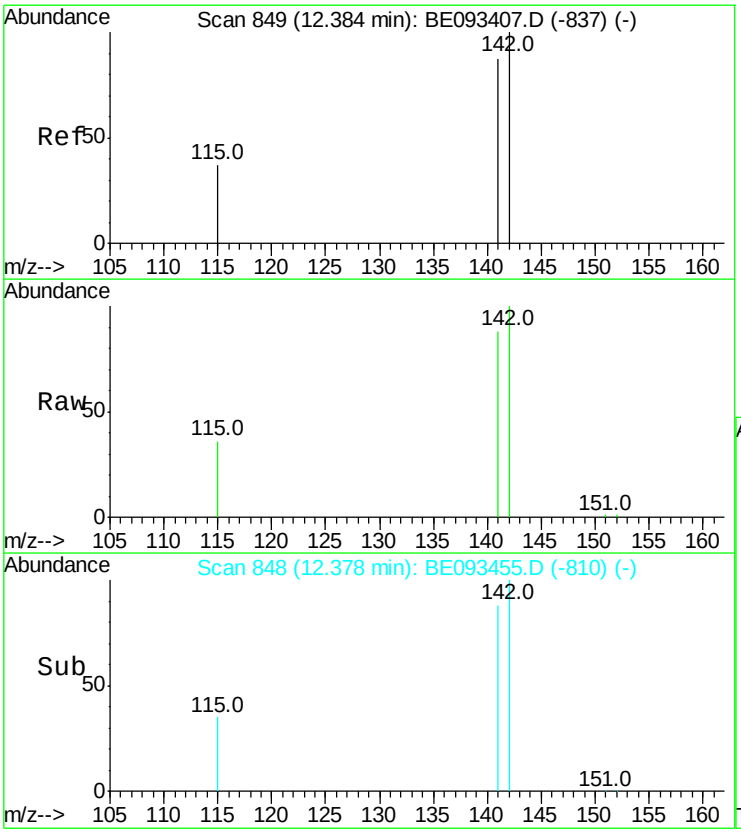
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 12203

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

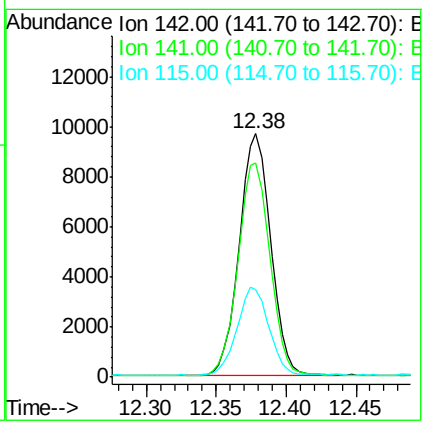


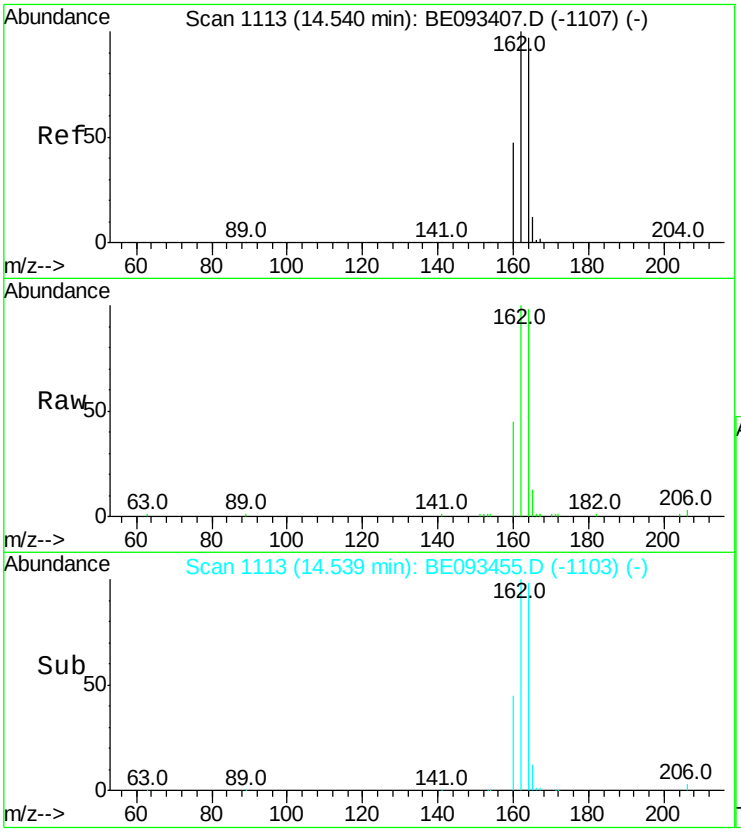


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:142 Resp: 15143

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.6	108.8
115	35.7	32.2	48.2



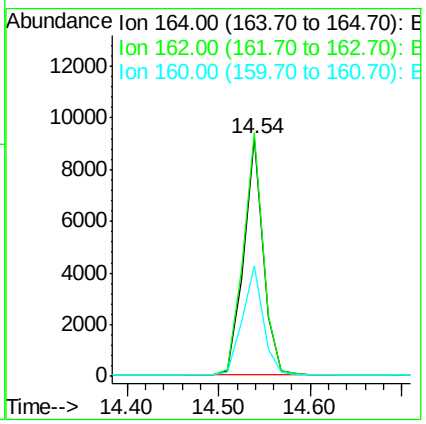


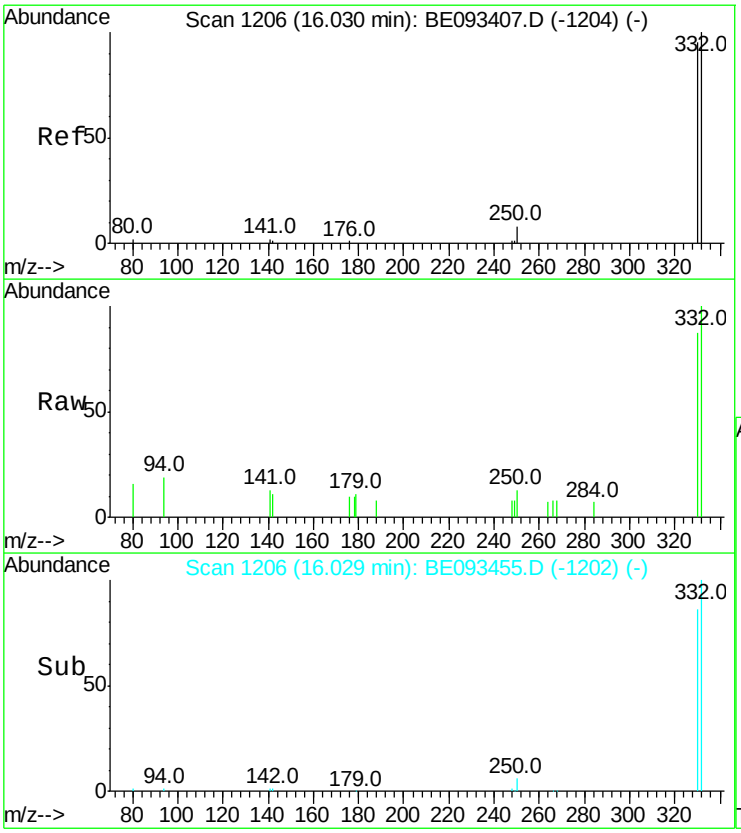
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13771

Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.6	127.0
160	46.2	41.8	62.6

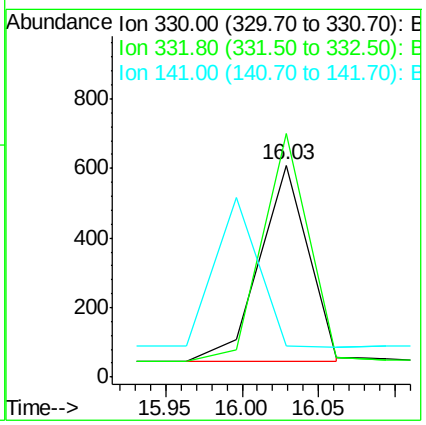


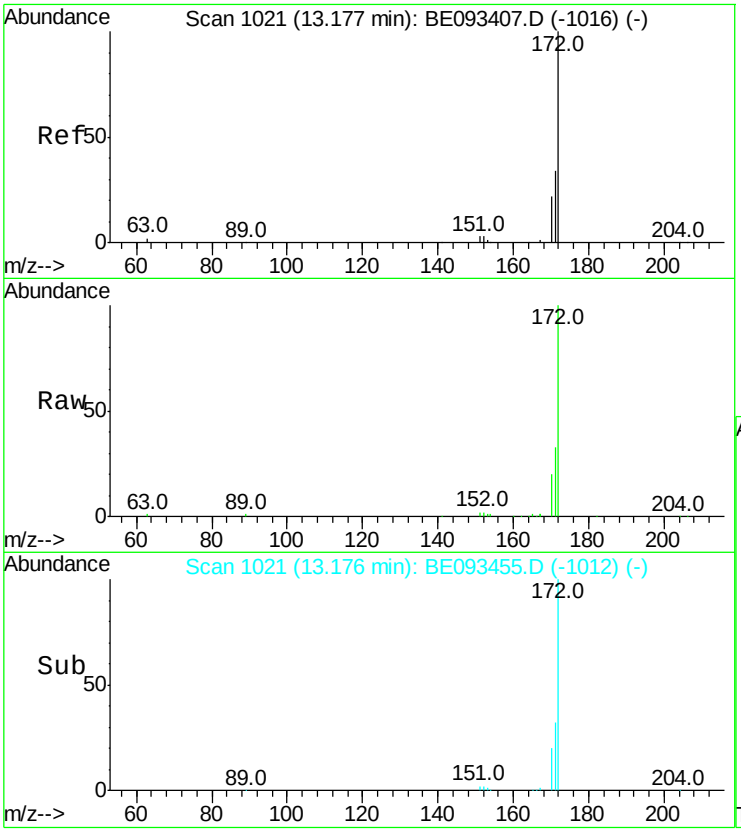


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:330 Resp: 1240

Ion	Ratio	Lower	Upper
330	100		
332	109.4	77.7	116.5
141	0.0	56.2	84.4#



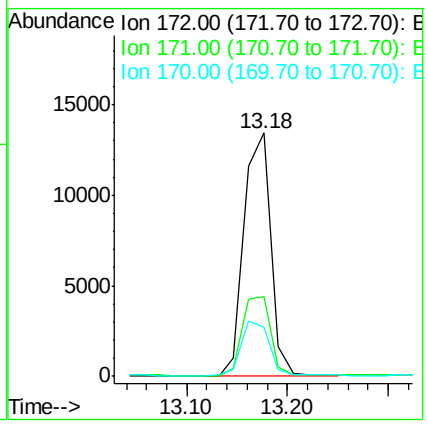


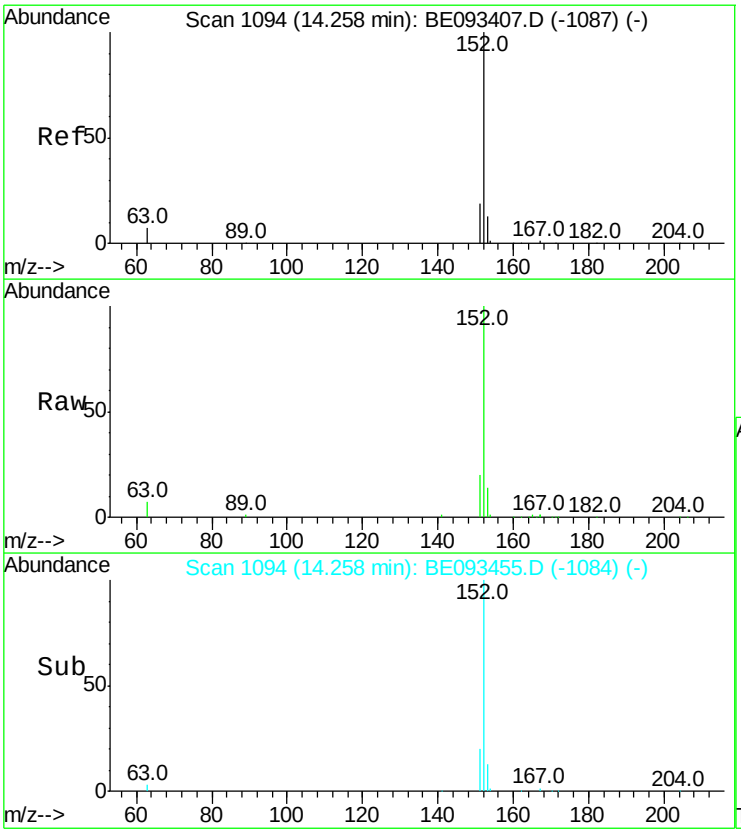
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 24755

Ion	Ratio	Lower	Upper
172	100		
171	32.7	29.8	44.6
170	20.3	20.7	31.1#

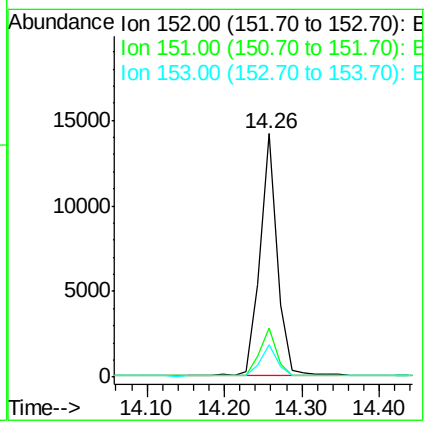


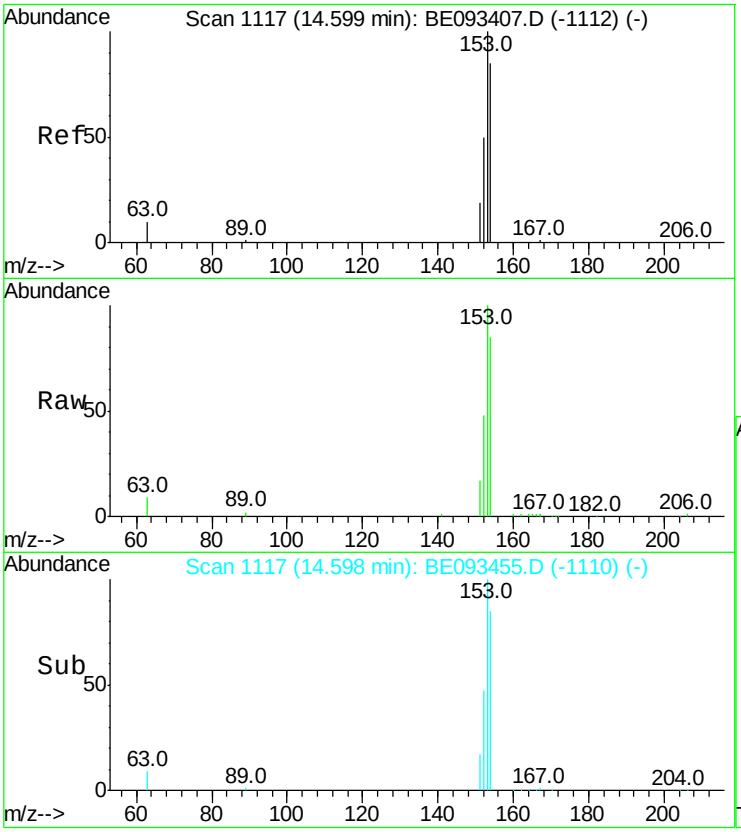


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:152 Resp: 22120

Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0#
153	13.4	10.3	15.5



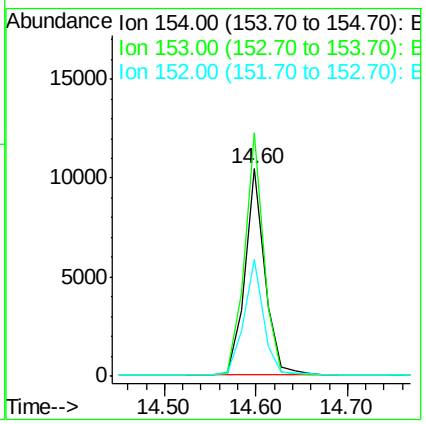


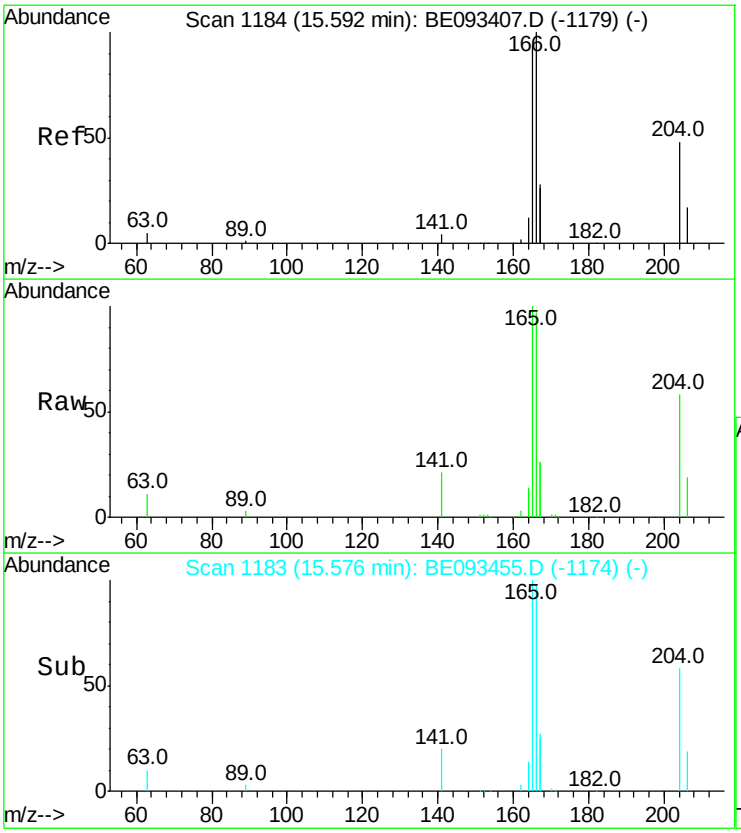
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 15867

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	54.7	44.8	67.2

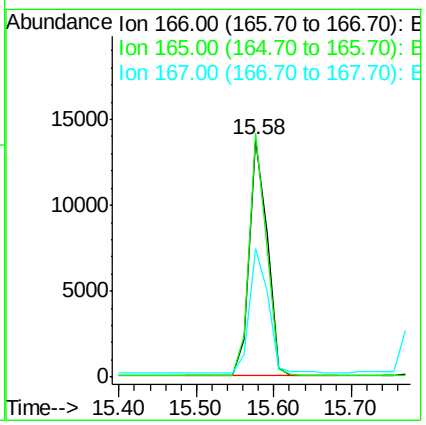


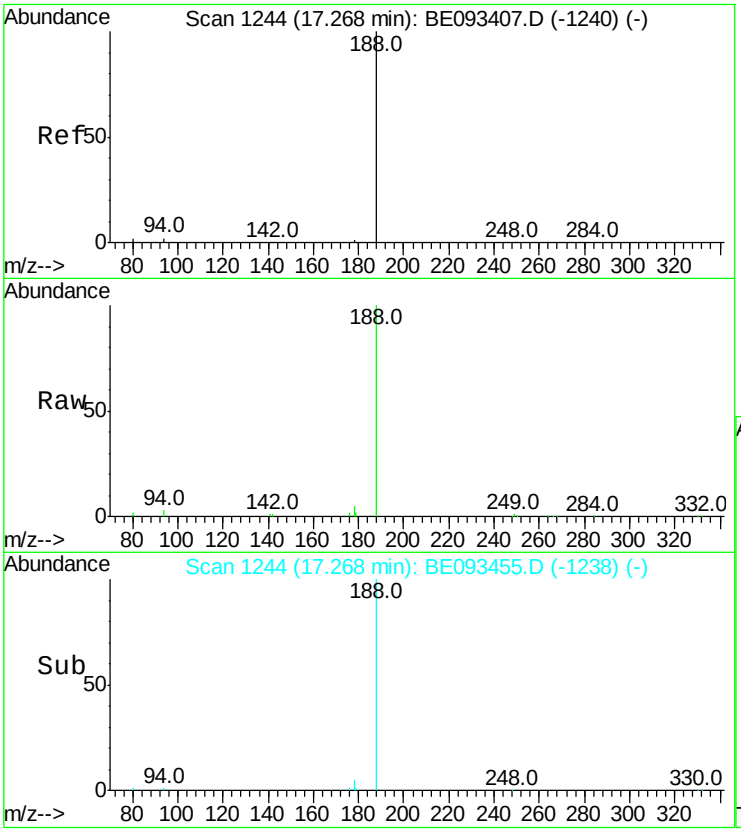


#18
Fluorene
Concen: 0.385 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:166 Resp: 22181

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	54.3	11.1	16.7#



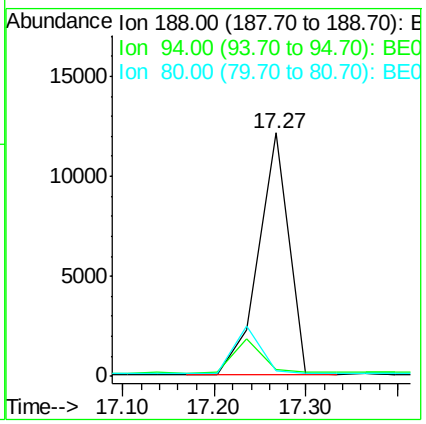


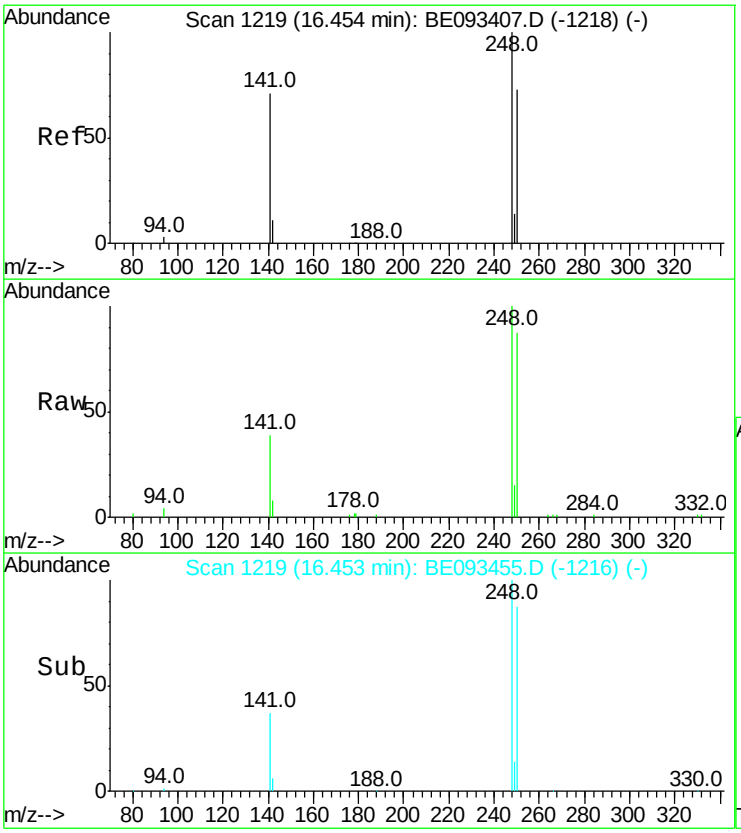
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 28234

Ion	Ratio	Lower	Upper
188	100		
94	2.7	11.3	16.9#
80	2.1	11.7	17.5#

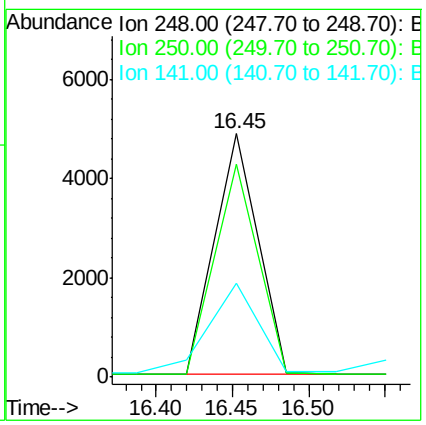


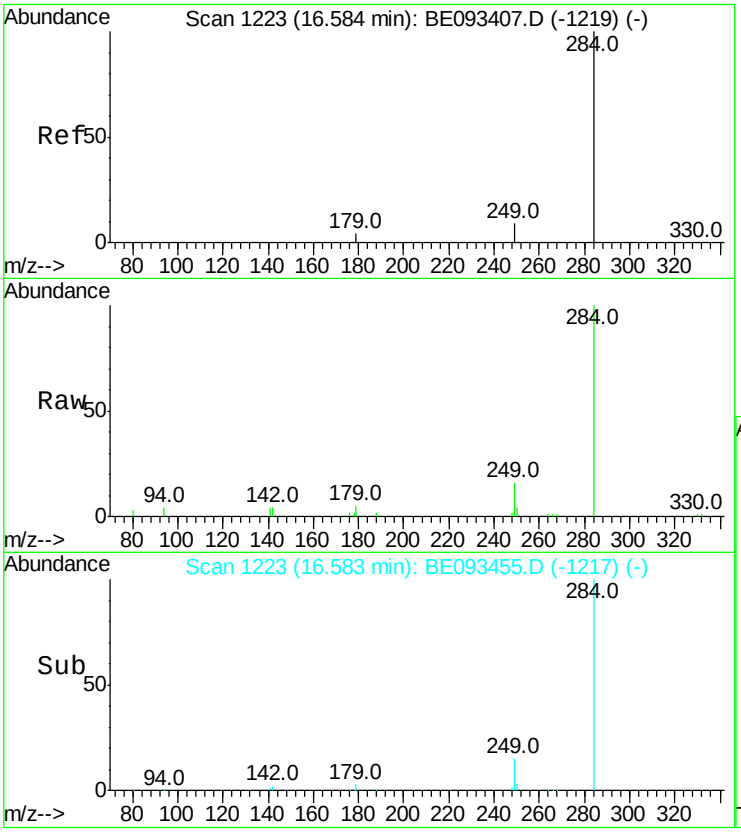


#20
4-Bromophenyl-phenylether
Concen: 0.617 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:248 Resp: 9548

Ion	Ratio	Lower	Upper
248	100		
250	87.3	40.8	61.2#
141	38.6	161.6	242.4#



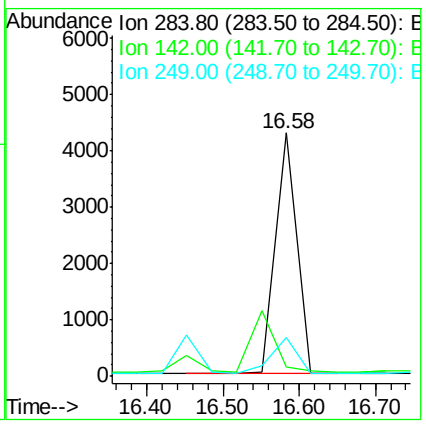


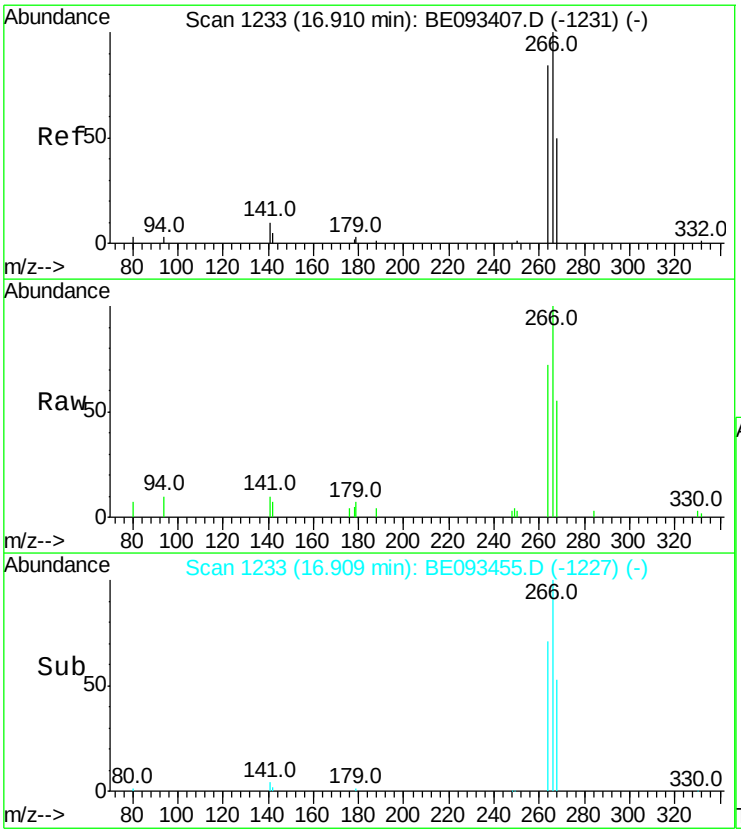
#21
Hexachlorobenzene
Concen: 0.504 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 8421

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	17.5	0.0	0.0#

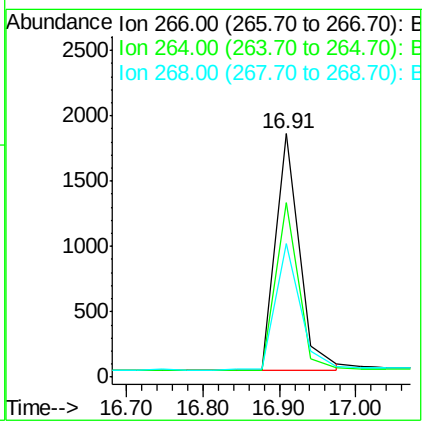


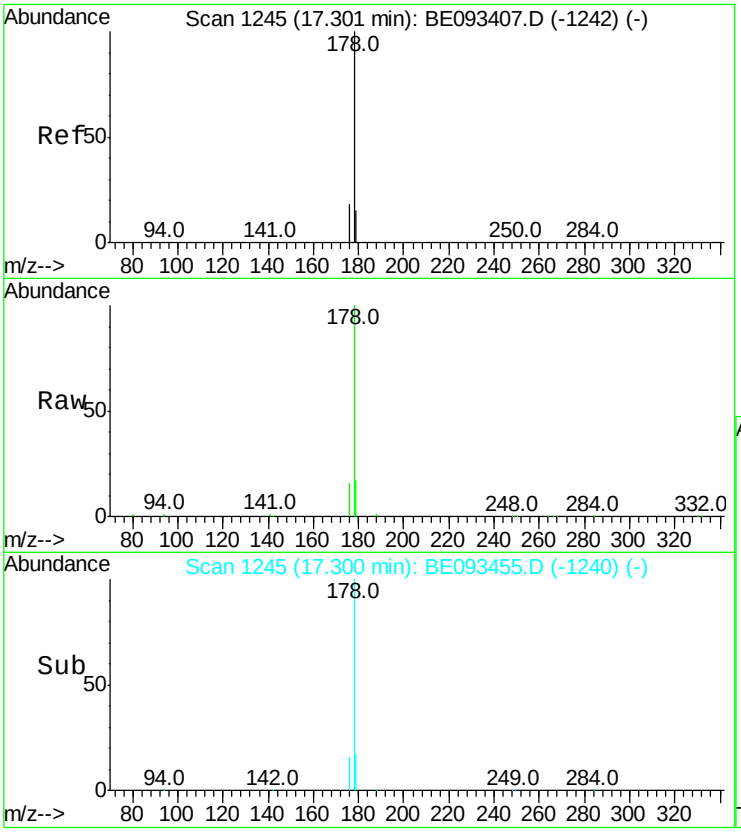


#22
Pentachlorophenol
Concen: 1.551 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:266 Resp: 4001

Ion	Ratio	Lower	Upper
266	100		
264	71.7	58.2	87.2
268	54.8	71.9	107.9#



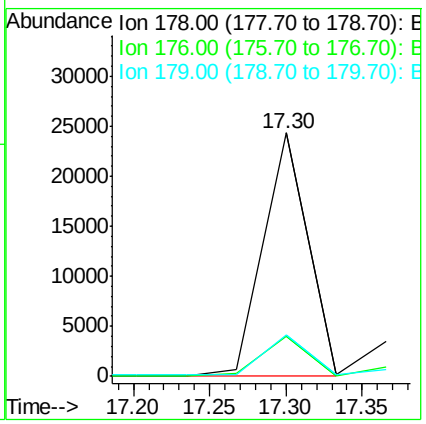


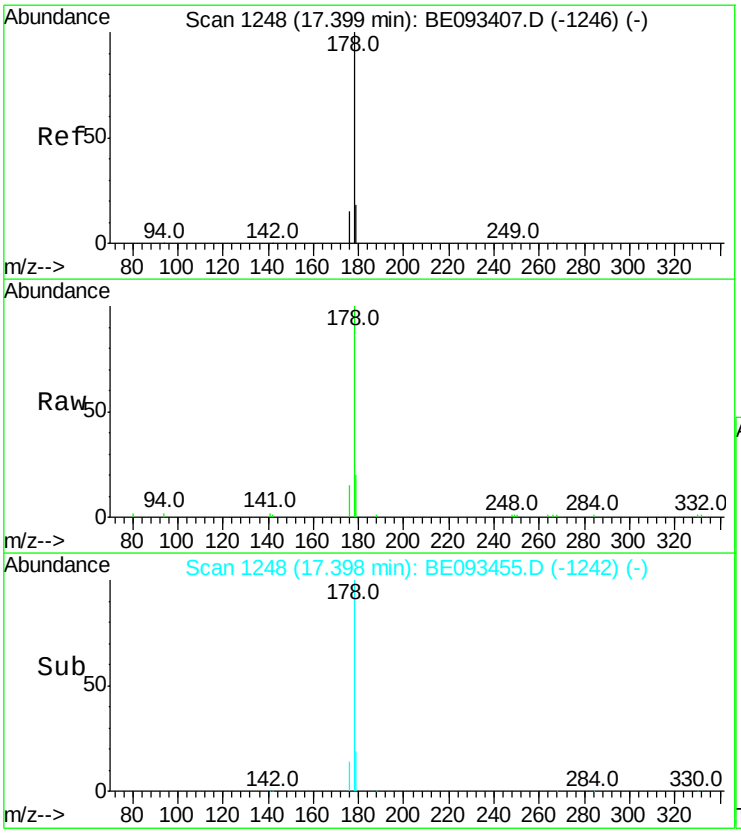
#23
Phenanthrene
Concen: 0.474 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 48667

Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.0	22.4
179	16.5	12.7	19.1

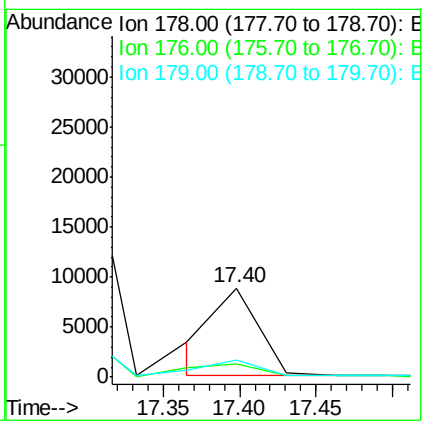


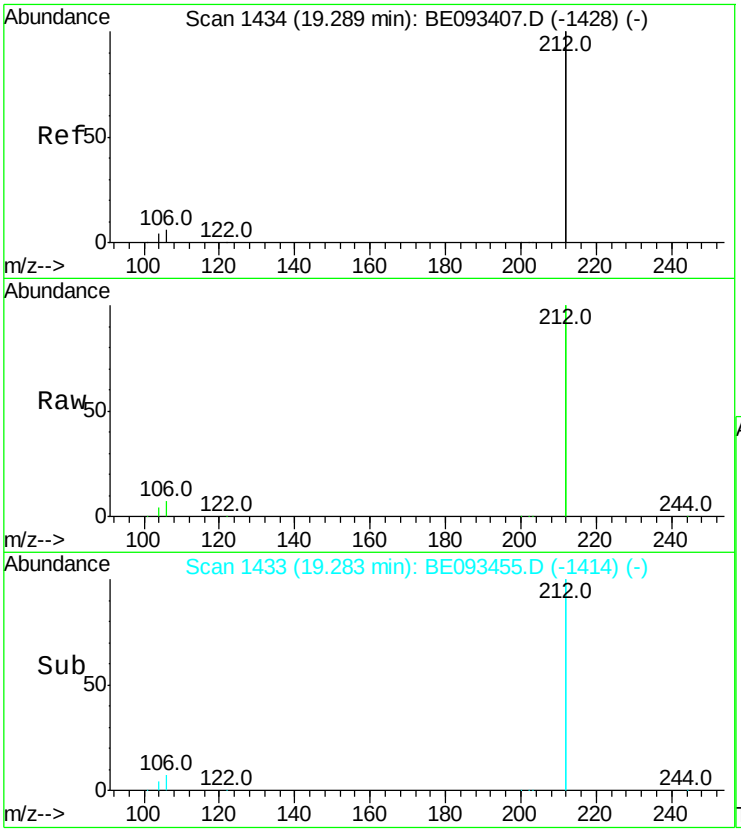


#24
Anthracene
Concen: 0.274 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:178 Resp: 17245

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	18.4	12.0	18.0#



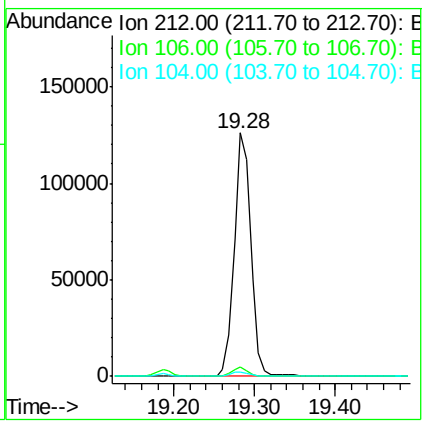


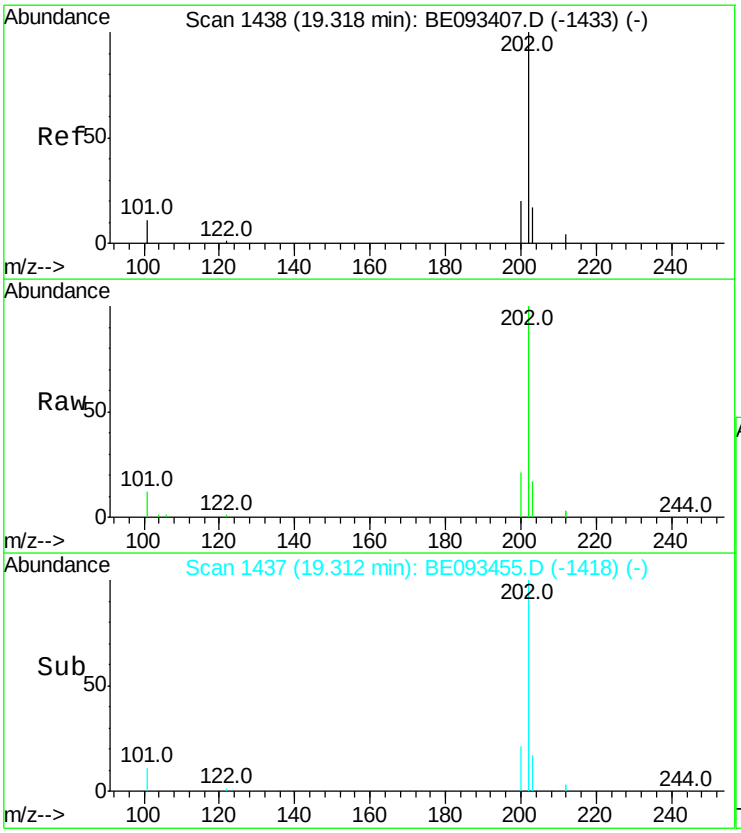
#25
Fluoranthene-d10
Concen: 0.522 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 177851

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.1	1.6	2.4

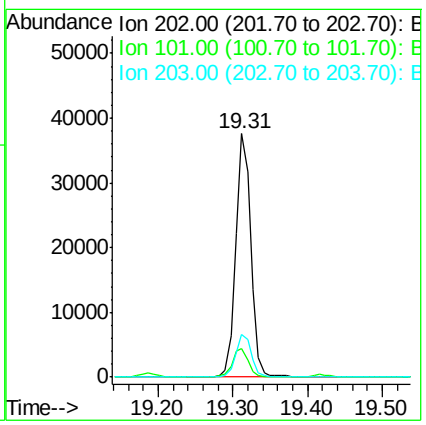


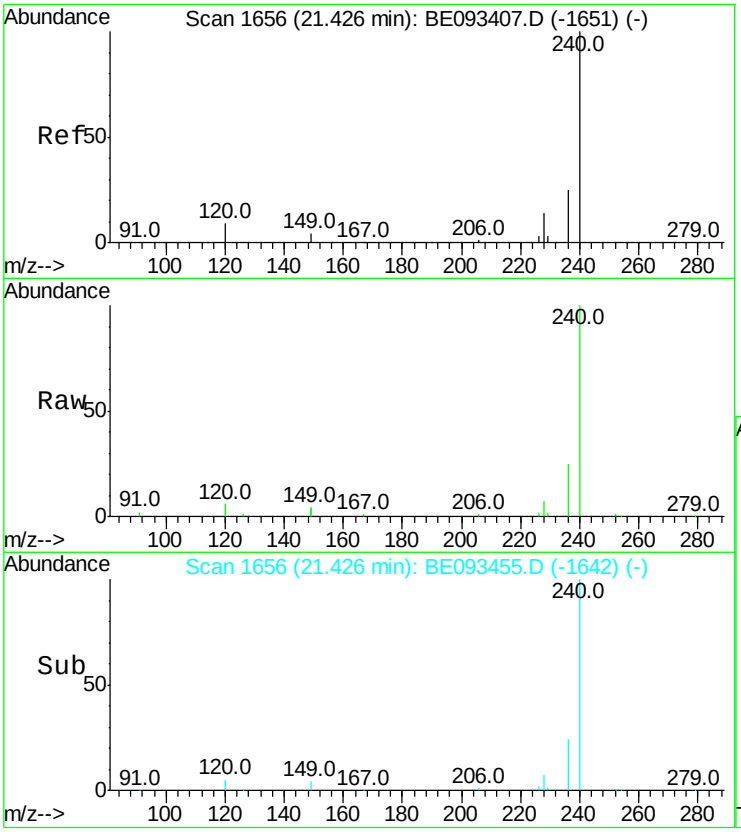


#26
Fluoranthene
Concen: 0.537 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:202 Resp: 51833

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.3	14.4	21.6



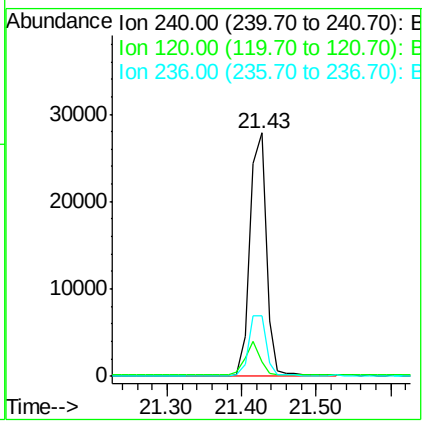


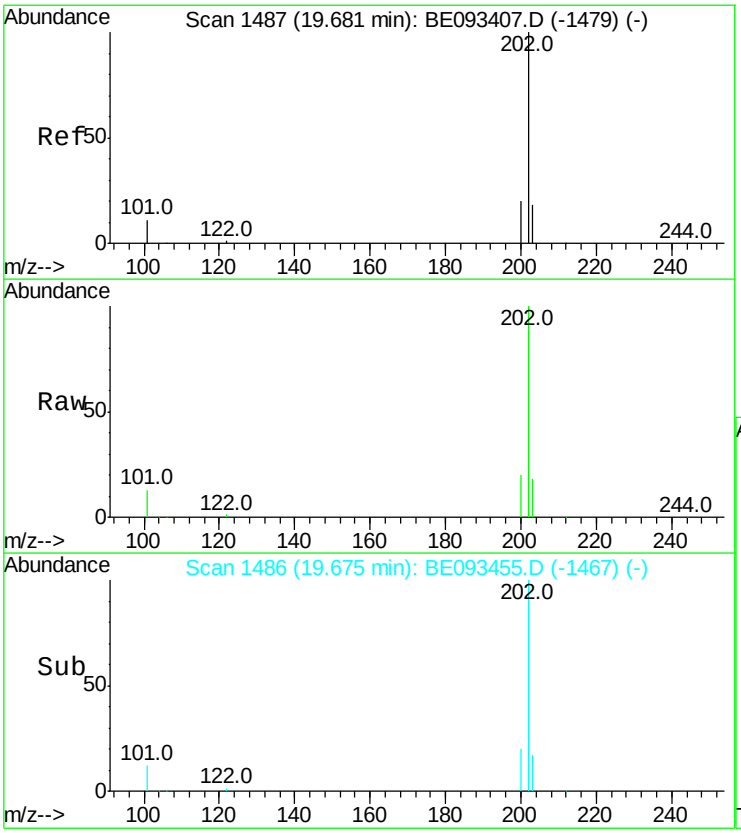
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 42990

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	7.0
236	24.7	20.8	31.2

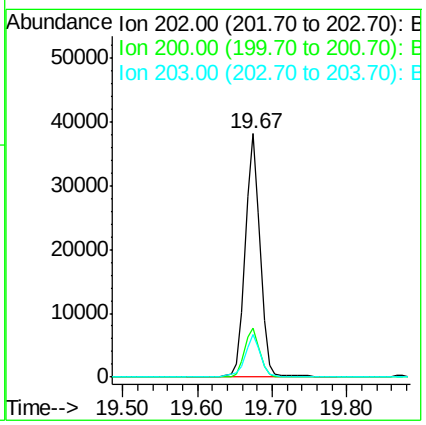


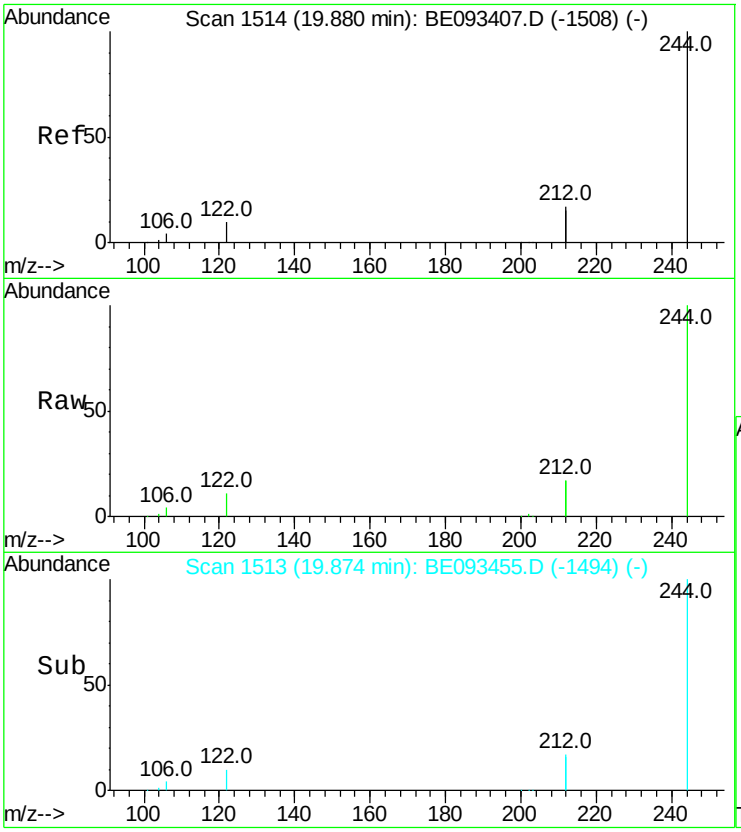


#28
Pyrene
Concen: 0.428 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:202 Resp: 51775

Ion	Ratio	Lower	Upper
202	100		
200	20.4	0.0	0.0#
203	17.8	13.7	20.5



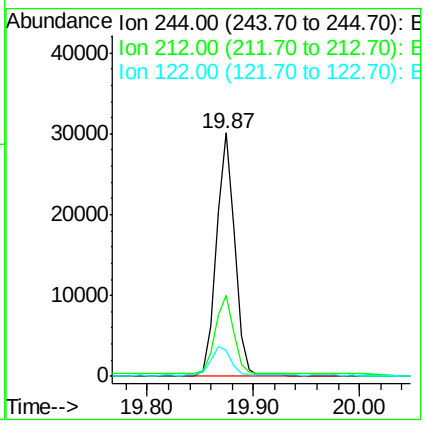


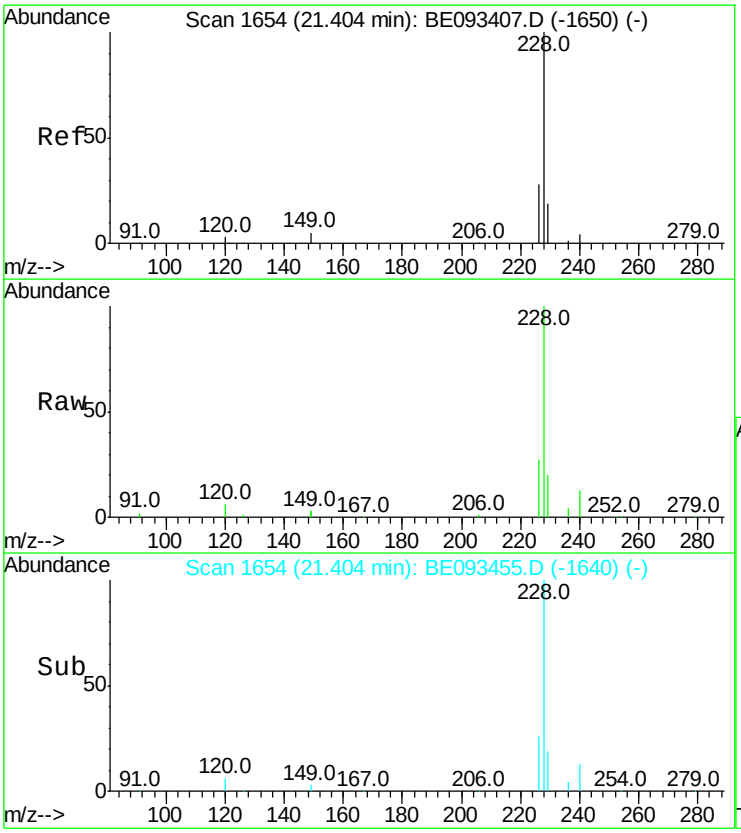
#29
Terphenyl-d14
Concen: 0.475 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 36497

Ion	Ratio	Lower	Upper
244	100		
212	33.3	10.6	16.0#
122	10.9	15.4	23.0#

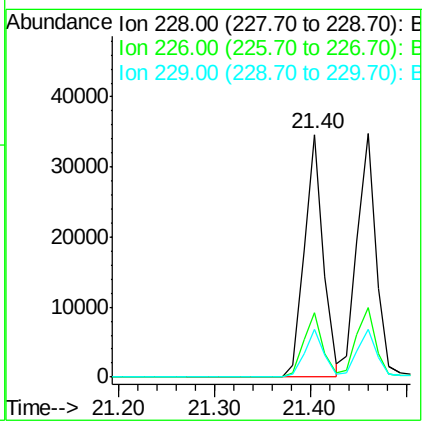


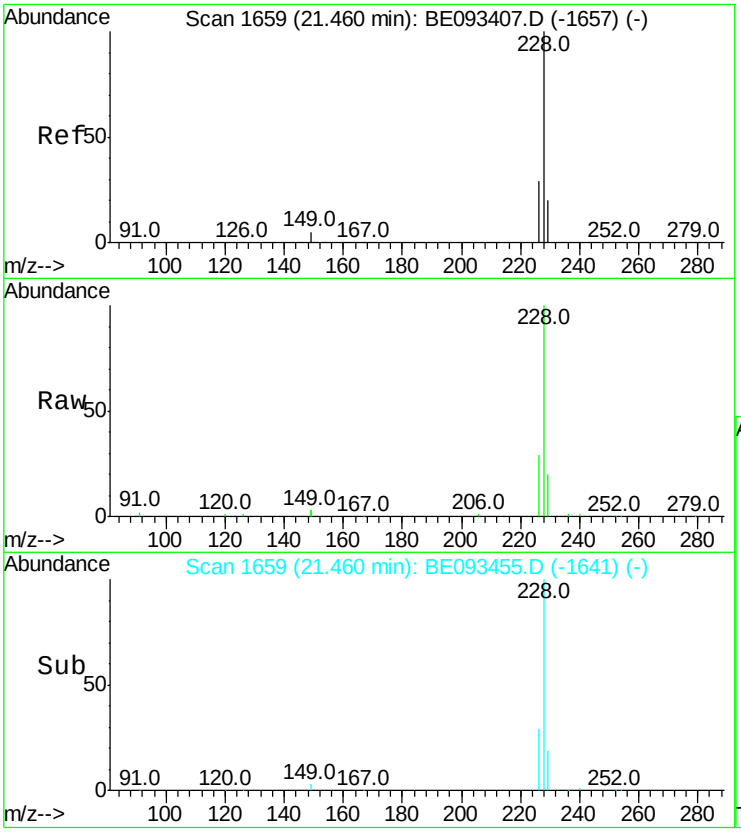


#30
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:228 Resp: 46945

Ion	Ratio	Lower	Upper
228	100		
226	26.6	19.7	29.5
229	19.7	19.2	28.8



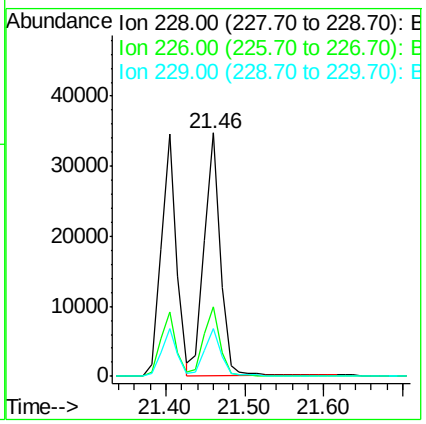


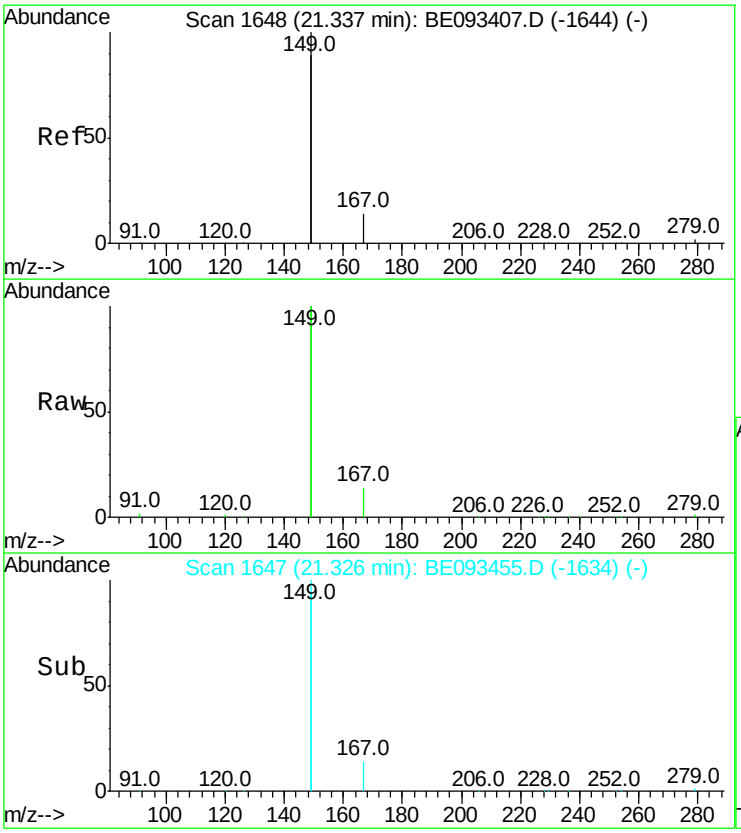
#31
Chrysene
Concen: 0.397 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 48153

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.5	32.3
229	19.7	18.6	28.0

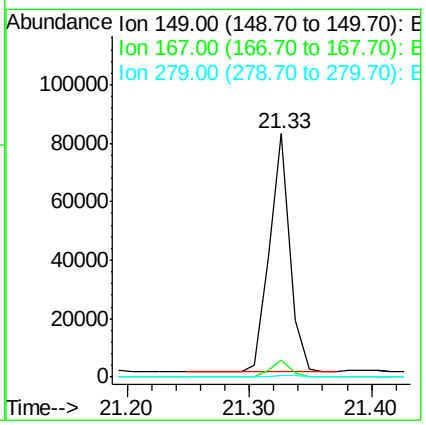


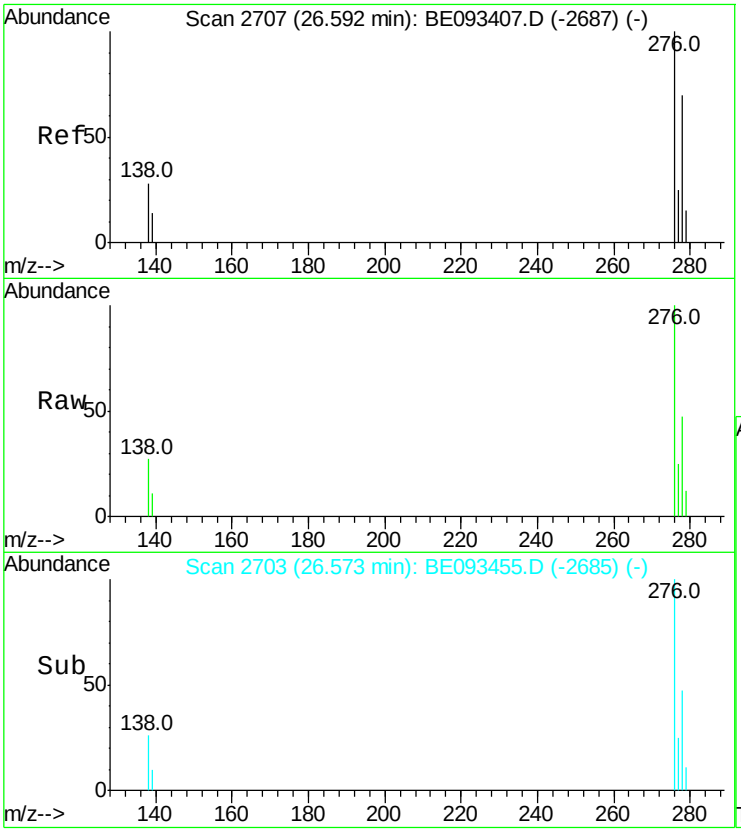


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.568 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:149 Resp: 94938

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	0.8	2.2	3.4#



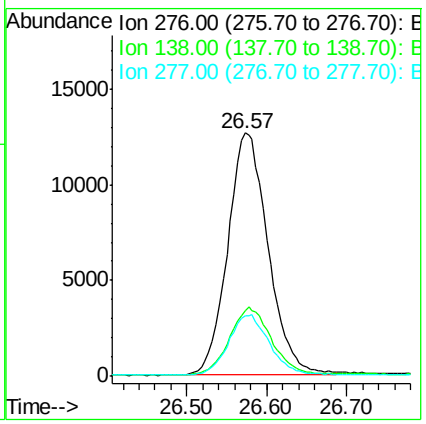


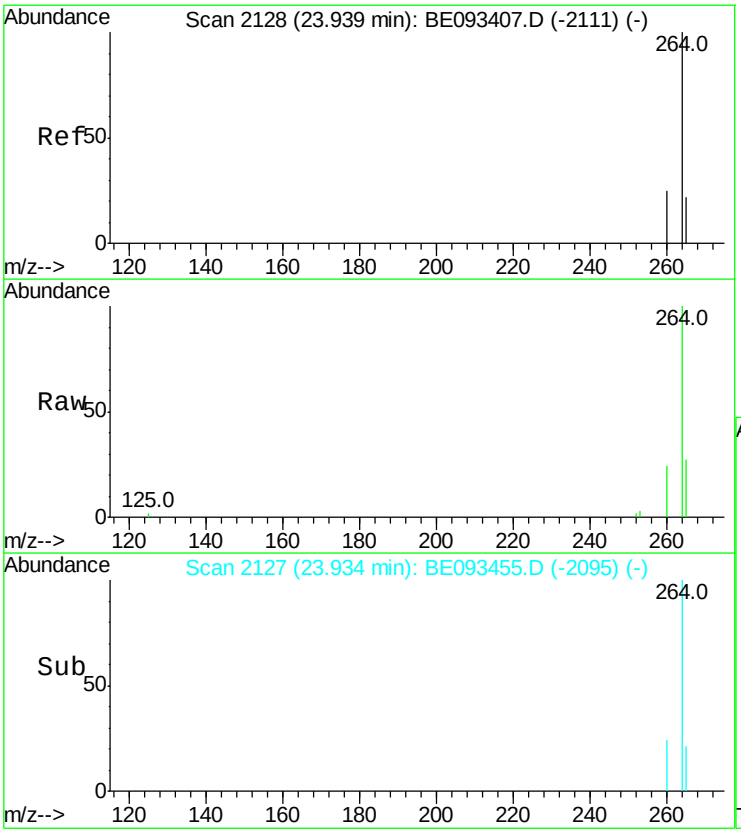
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 26.57 min Scan# 2703
Delta R.T. -0.02 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 44211

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.4	41.2
277	24.8	20.1	30.1

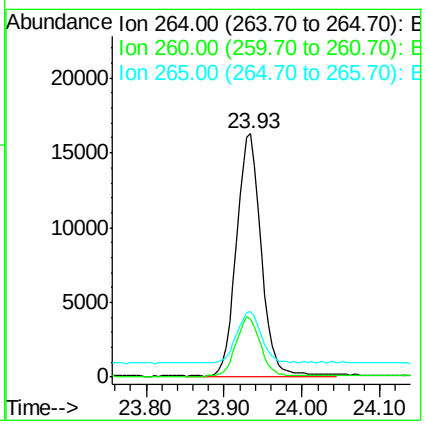


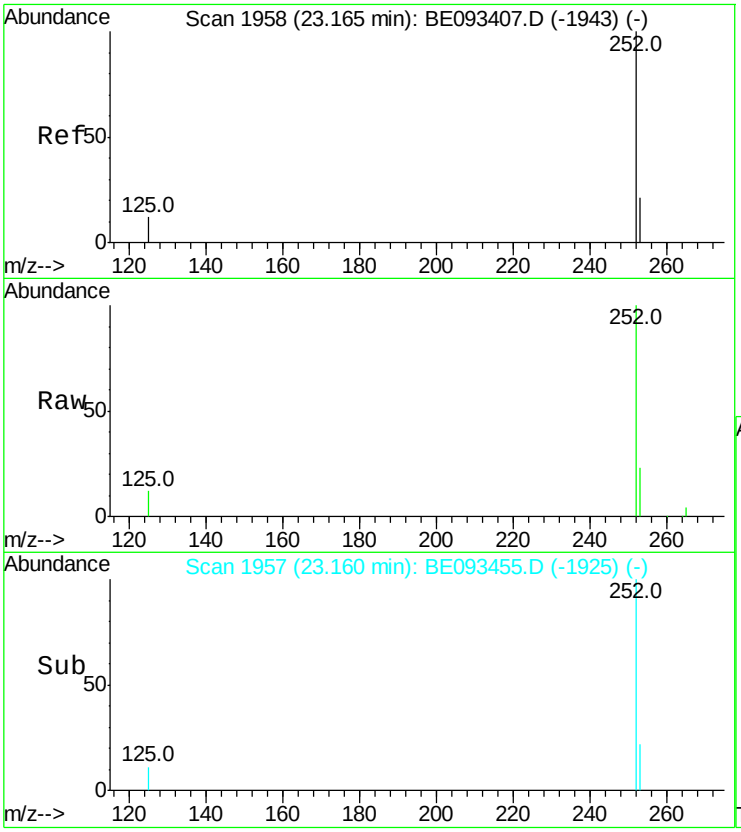


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:264 Resp: 35628

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.0	31.4
265	27.2	24.6	36.8



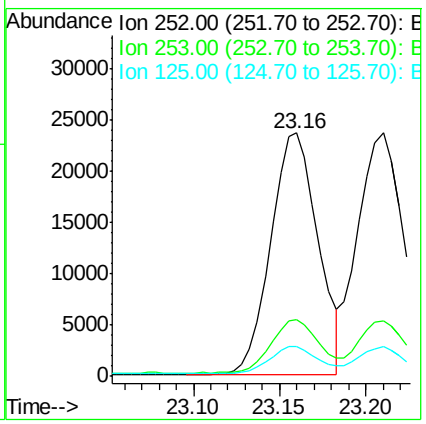


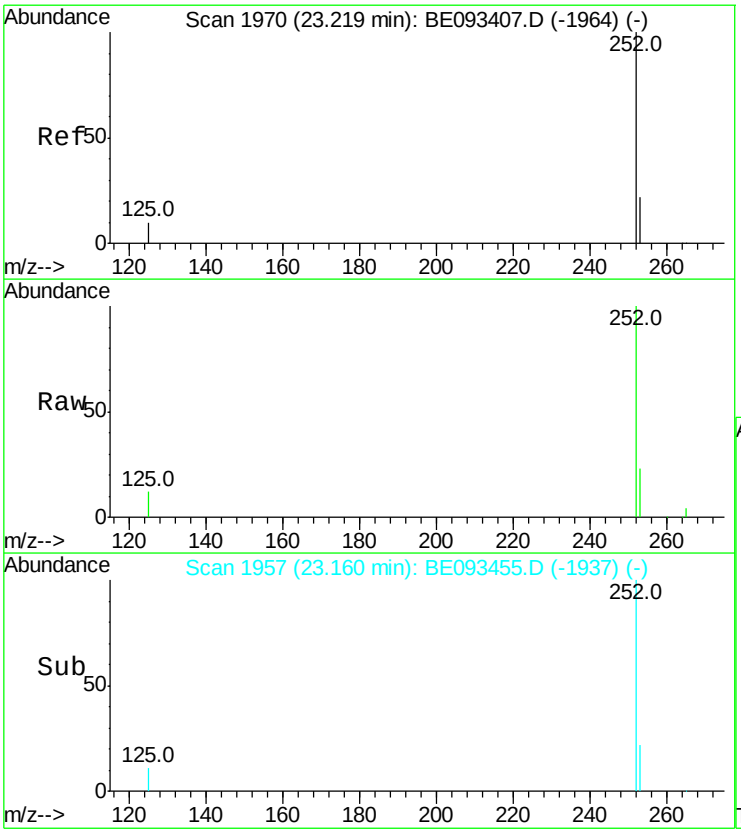
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 44865

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.4	13.4	20.0#

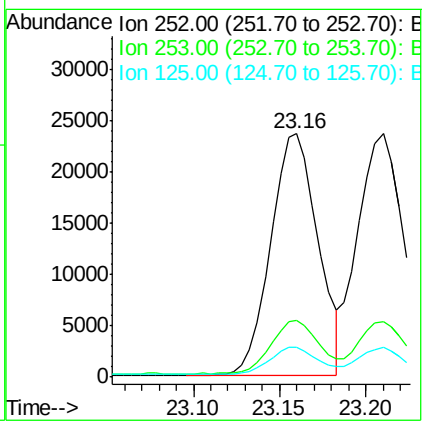


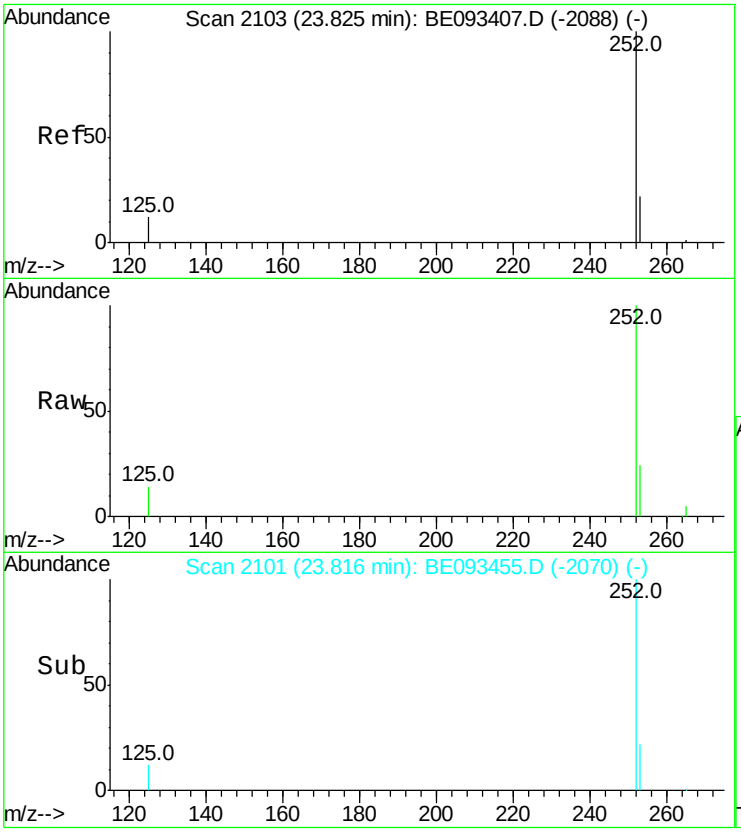


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:252 Resp: 44865

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.4	12.2	18.4



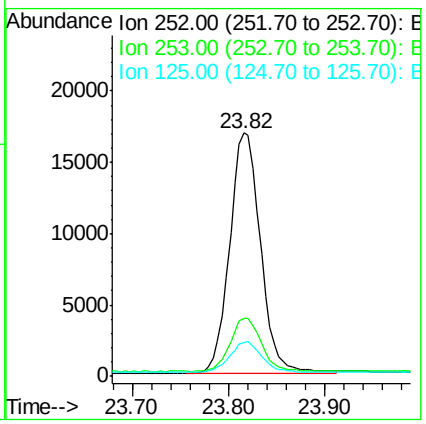


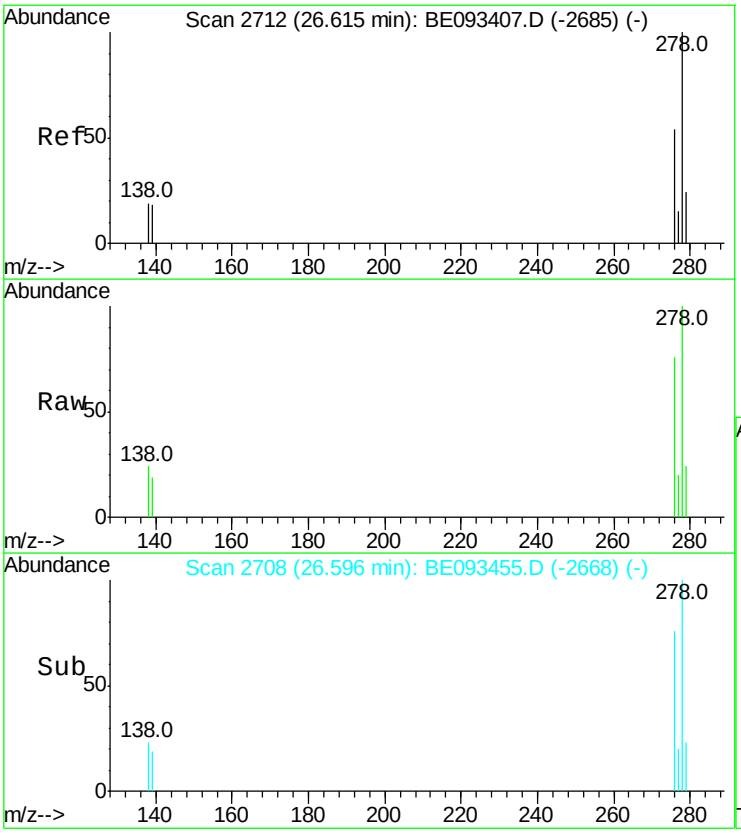
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 37618

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.9	29.9
125	13.8	14.6	21.8#

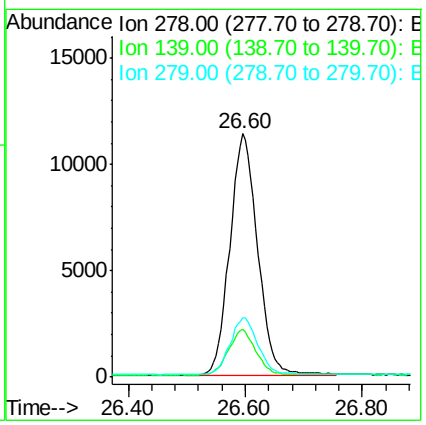


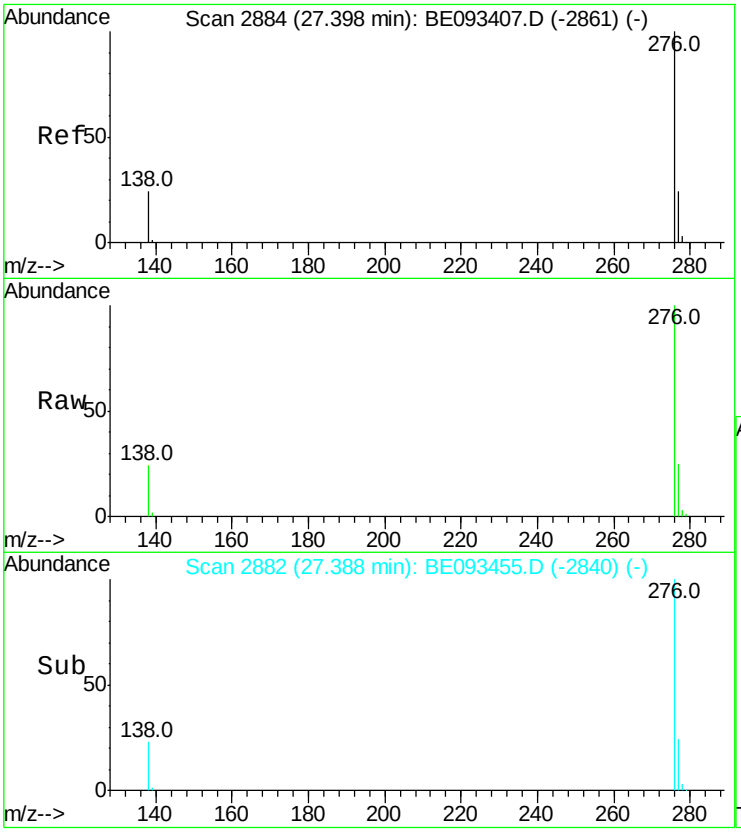


#38
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.60 min Scan# 2708
Delta R.T. -0.02 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion:278 Resp: 37908

Ion	Ratio	Lower	Upper
278	100		
139	19.4	21.4	32.0#
279	24.4	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 27.39 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38223

Ion	Ratio	Lower	Upper
276	100		
277	24.8	21.2	31.8
138	24.3	24.5	36.7#