Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
Data File : BE093426.D
Acq On : 6 Jul 2017 9:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 07 06:48:29 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	3543	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	19475	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	12600	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	38101	0.40	ng		0.00
27) Chrysene-d12	21.43	240	38025	0.40	ng		0.00
34) Perylene-d12	23.94	264	33399	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	4263	0.40	ng		0.00
5) Phenol-d6	7.10	99	6679	0.42	ng		0.00
8) Nitrobenzene-d5	9.08	82	5116	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	12477	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1680	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	18922	0.39	ng		0.00
25) Fluoranthene-d10	19.29	212	151415	0.33	ng		0.00
29) Terphenyl-d14	19.88	244	27420	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	2852	0.38	ng		99
3) n-Nitrosodimethylamine	3.75	42	1630	0.42	ng	#	85
6) bis(2-Chloroethyl)ether	7.35	93	4706	0.40	ng	#	98
9) Naphthalene	10.77	128	78377	0.38	ng	#	73
10) Hexachlorobutadiene	11.08	225	3026	0.39	ng		97
12) 2-Methylnaphthalene	12.38	142	13680	0.40	ng		97
16) Acenaphthylene	14.26	152	20924	0.40	ng	#	88
17) Acenaphthene	14.60	154	14836	0.39	ng		98
18) Fluorene	15.59	166	19556	0.37	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	7136	0.34	ng	#	33
21) Hexachlorobenzene	16.58	284	8052	0.36	ng	#	100
22) Pentachlorophenol	16.91	266	1046	0.35	ng	#	73
23) Phenanthrene	17.30	178	49854	0.36	ng		98
24) Anthracene	17.40	178	30618	0.36	ng		94
26) Fluoranthene	19.32	202	42774	0.33	ng		98
28) Pyrene	19.68	202	43844	0.41	ng	#	99
30) Benzo(a)anthracene	21.40	228	41999	0.41	ng	#	92
31) Chrysene	21.46	228	42017	0.39	ng		94
32) Bis(2-ethylhexyl)phthalate	21.33	149	72428	0.49	ng	#	67
33) Indeno(1,2,3-cd)pyrene	26.59	276	39704	0.42	ng		94
35) Benzo(b)fluoranthene	23.16	252	40152	0.37	ng		97
36) Benzo(k)fluoranthene	23.16	252	40152	0.38	ng		96
37) Benzo(a)pyrene	23.82	252	36739	0.39	ng		95
38) Dibenzo(a,h)anthracene	26.61	278	35541	0.39	ng	#	91
39) Benzo(g,h,i)perylene	27.40	276	34955	0.38	ng	#	92

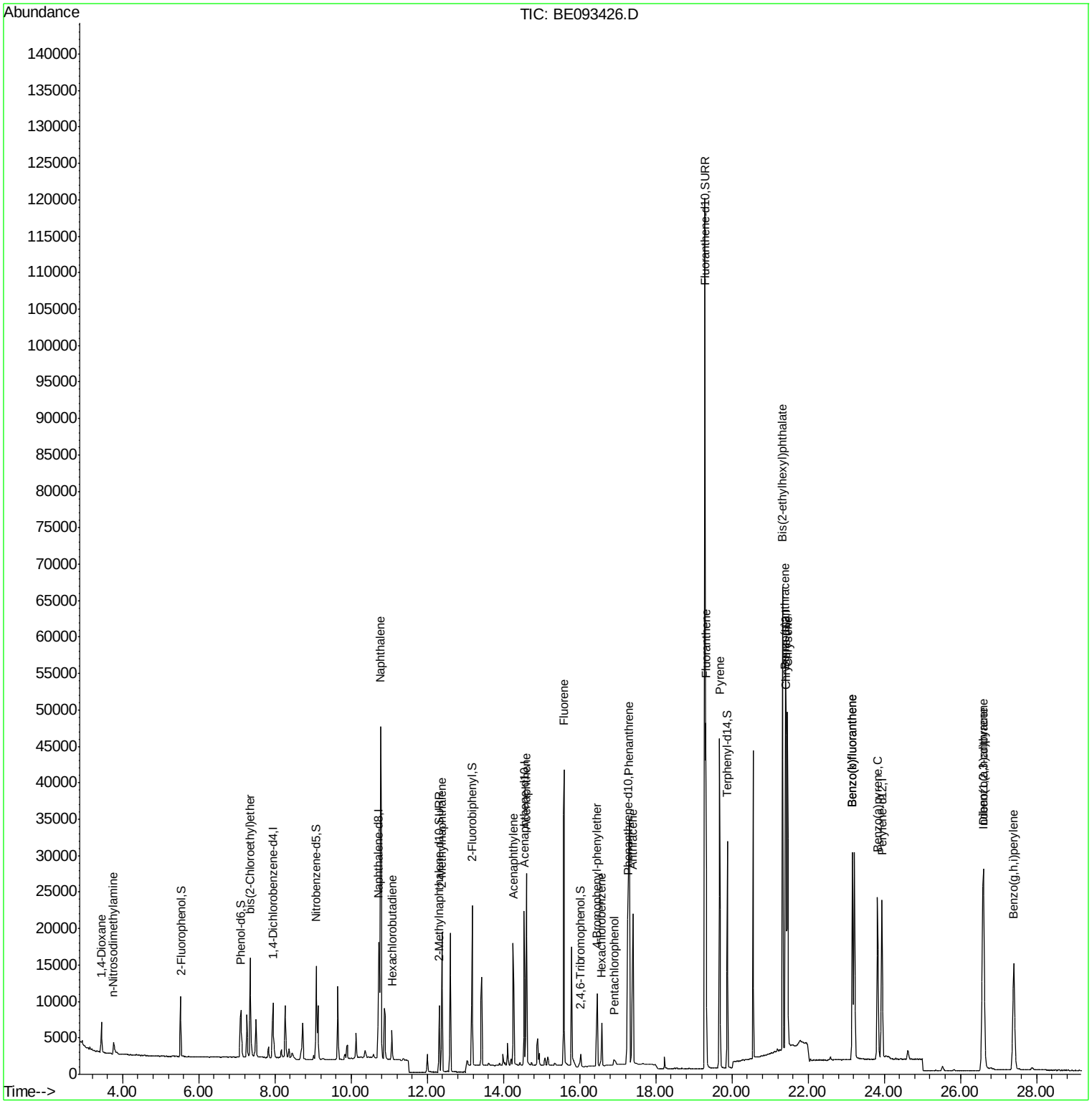
(#) = qualifier out of range (m) = manual integration (+) = signals summed

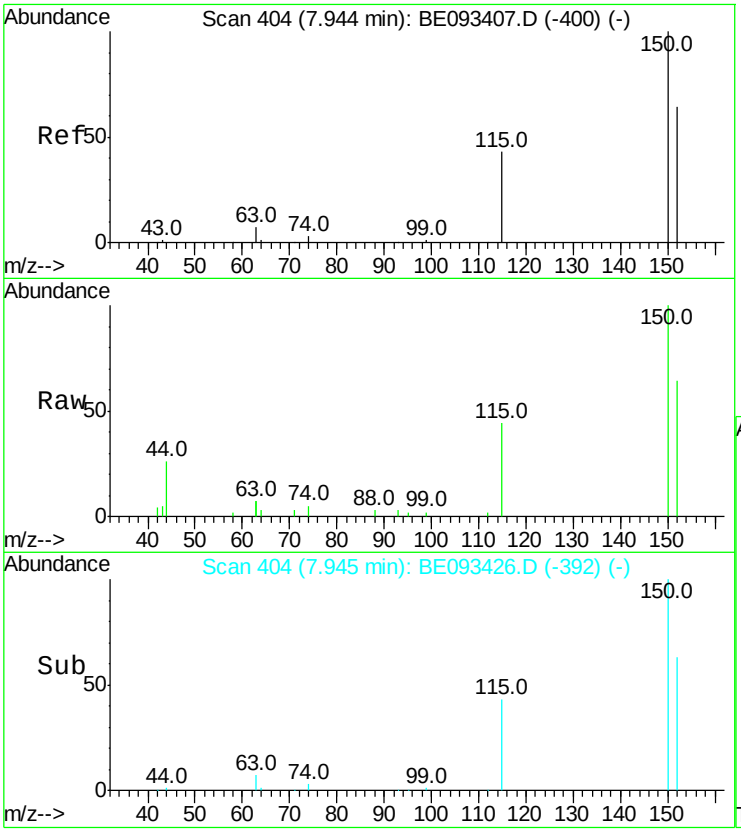
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
Data File : BE093426.D
Acq On : 6 Jul 2017 9:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 07 06:48:29 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



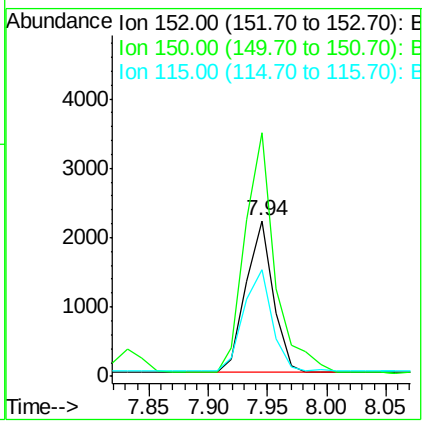


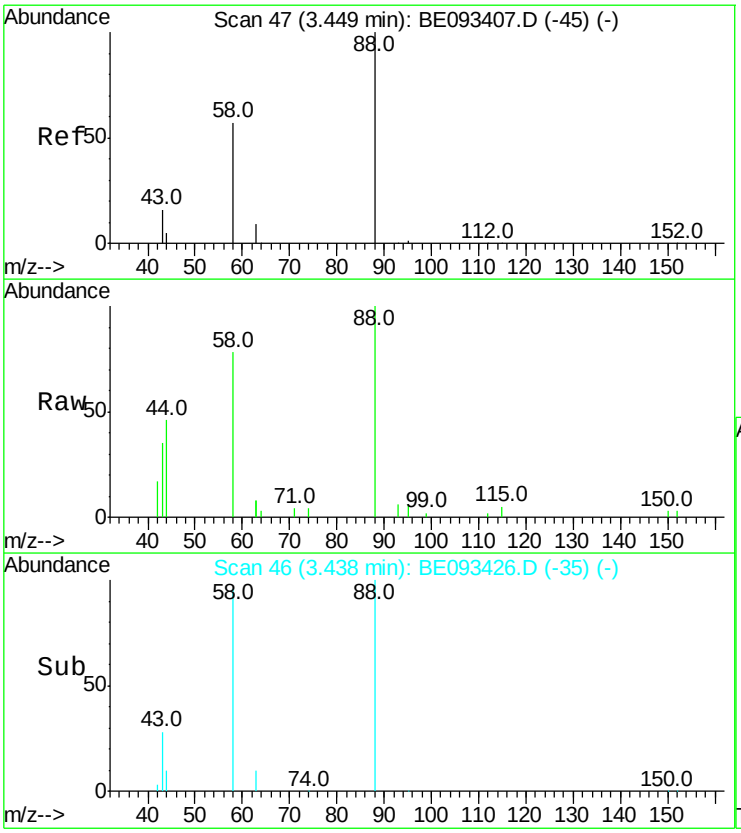
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.94 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3543

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.1	187.7
115	69.0	55.7	83.5

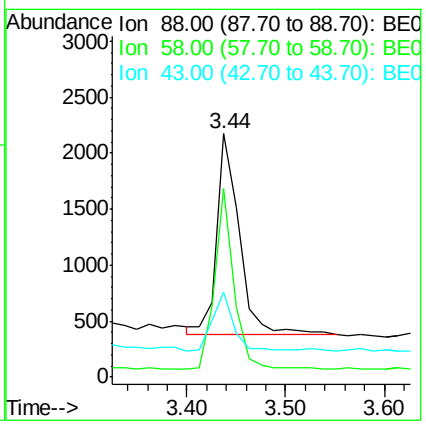


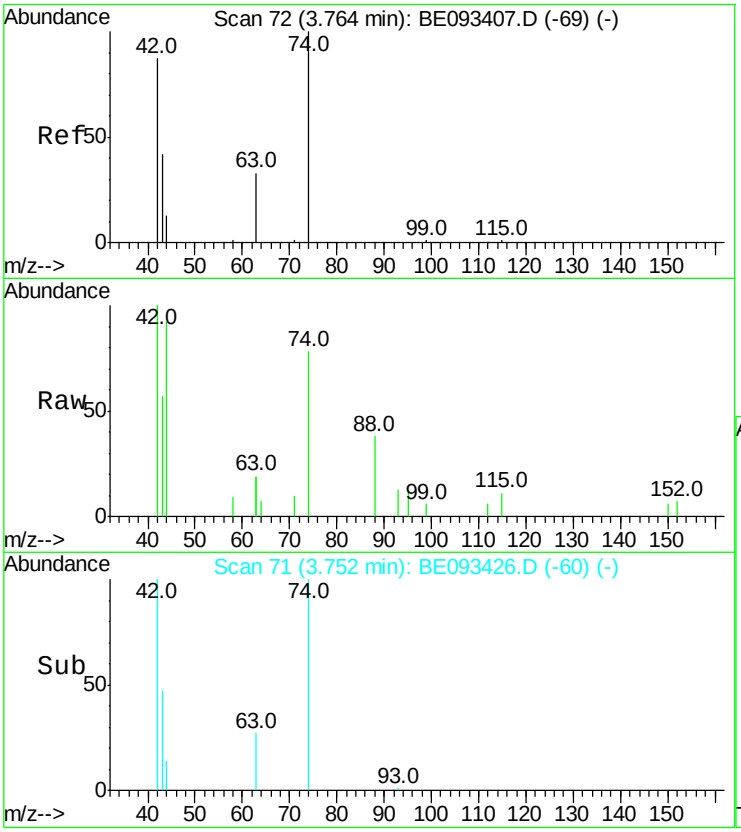


#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.01 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion: 88 Resp: 2852

Ion	Ratio	Lower	Upper
88	100		
58	77.7	62.2	93.4
43	26.4	23.2	34.8



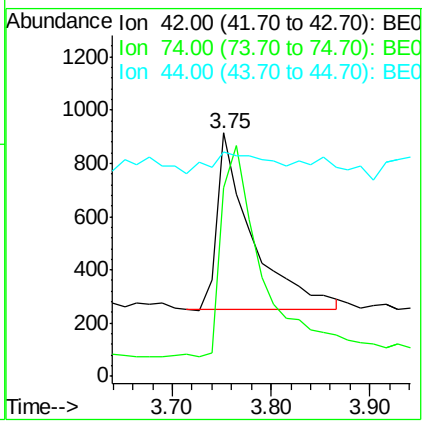


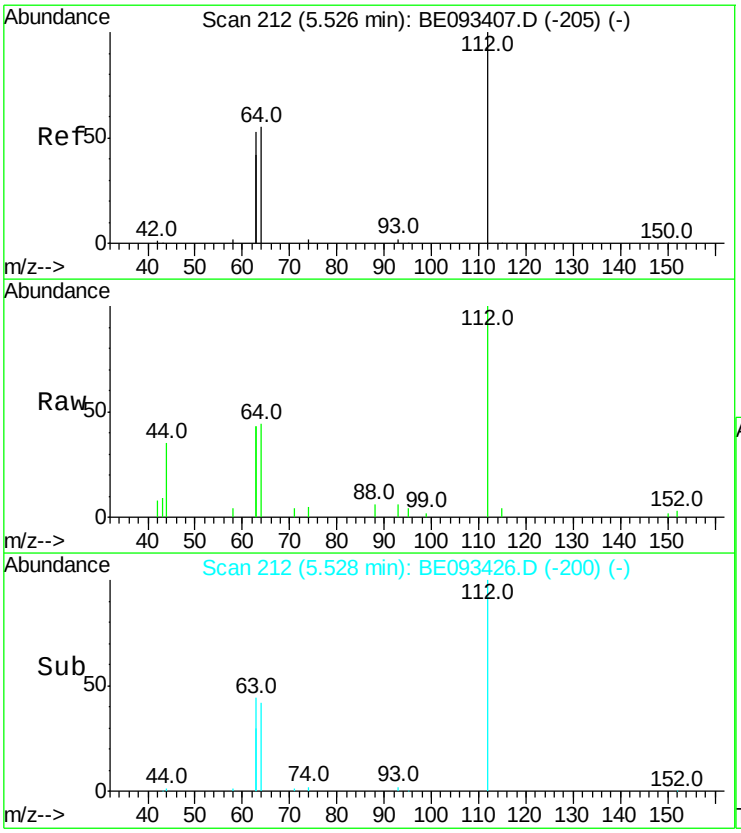
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1630

Ion	Ratio	Lower	Upper
42	100		
74	140.1	99.1	148.7
44	19.3	7.4	11.2#

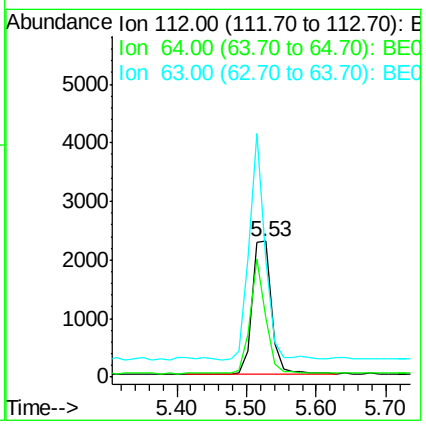


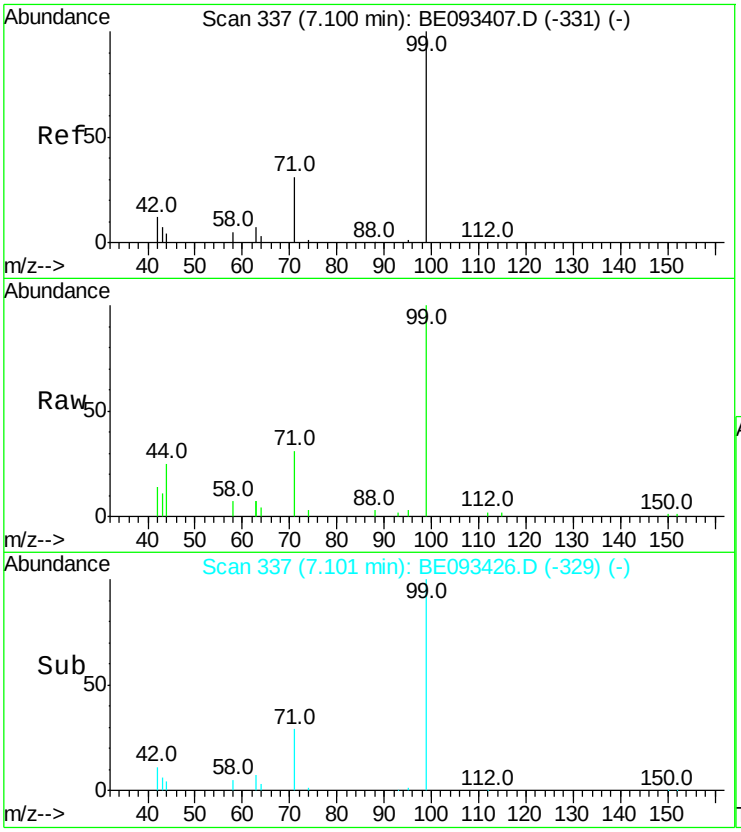


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:112 Resp: 4263

Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.4	84.6
63	138.6	29.3	43.9#



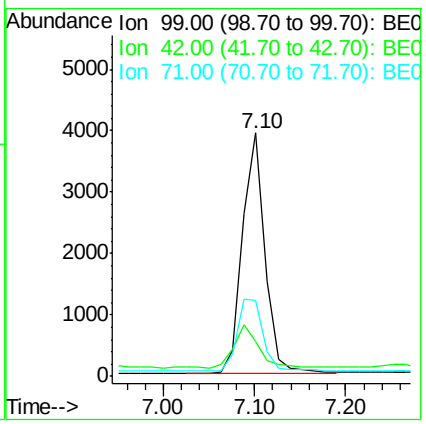


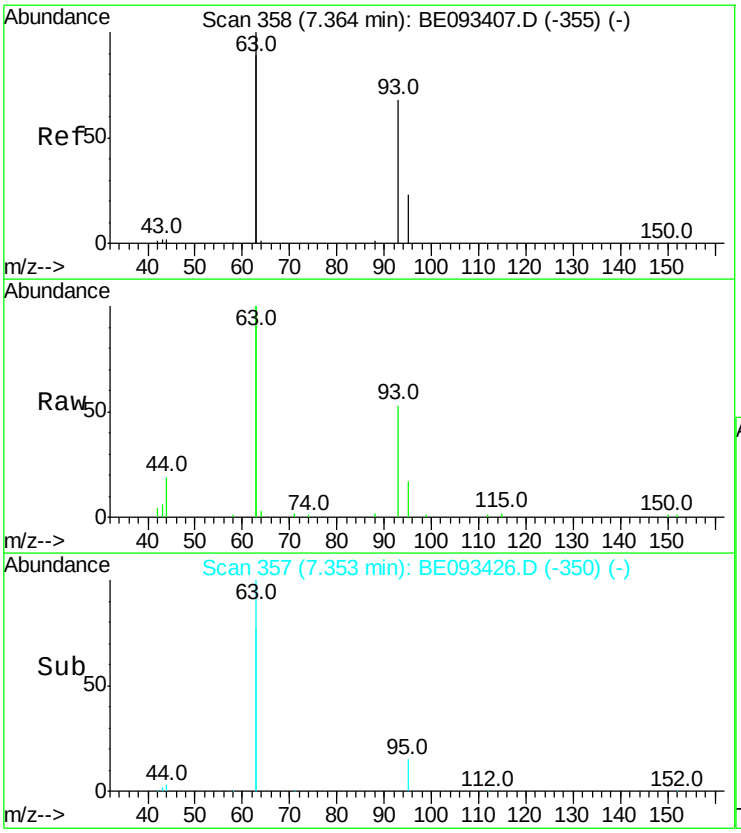
#5
Phenol-d6
Concen: 0.42 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6679

Ion	Ratio	Lower	Upper
99	100		
42	19.1	0.0	0.0#
71	34.6	0.0	0.0#

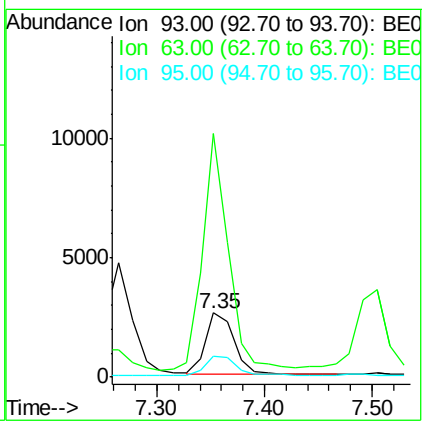


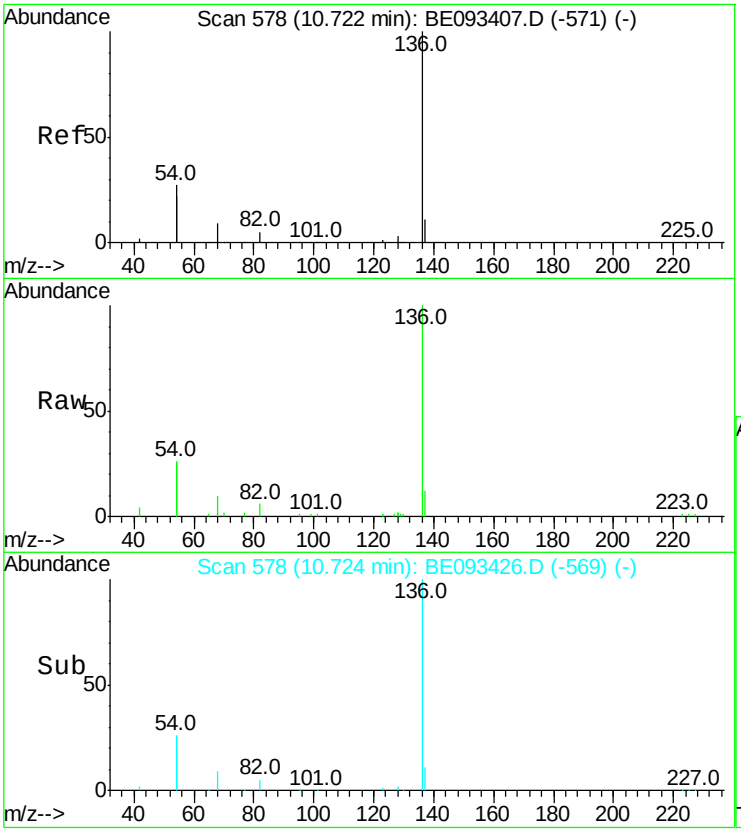


#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion: 93 Resp: 4706

Ion	Ratio	Lower	Upper
93	100		
63	343.8	0.0	0.0#
95	32.8	25.4	38.0



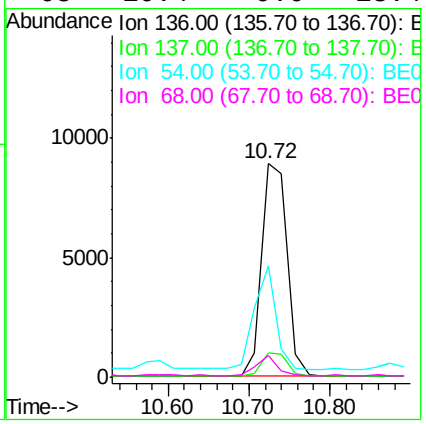


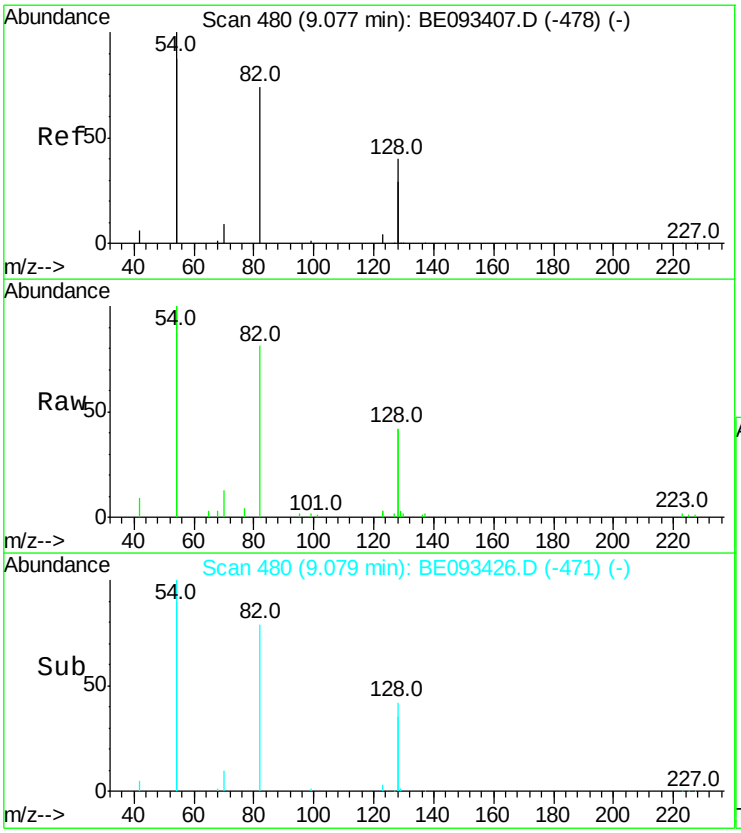
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 19475

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	52.2	10.3	15.5#
68	10.4	9.0	13.4

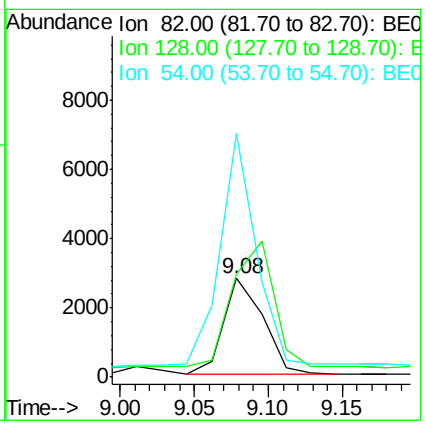


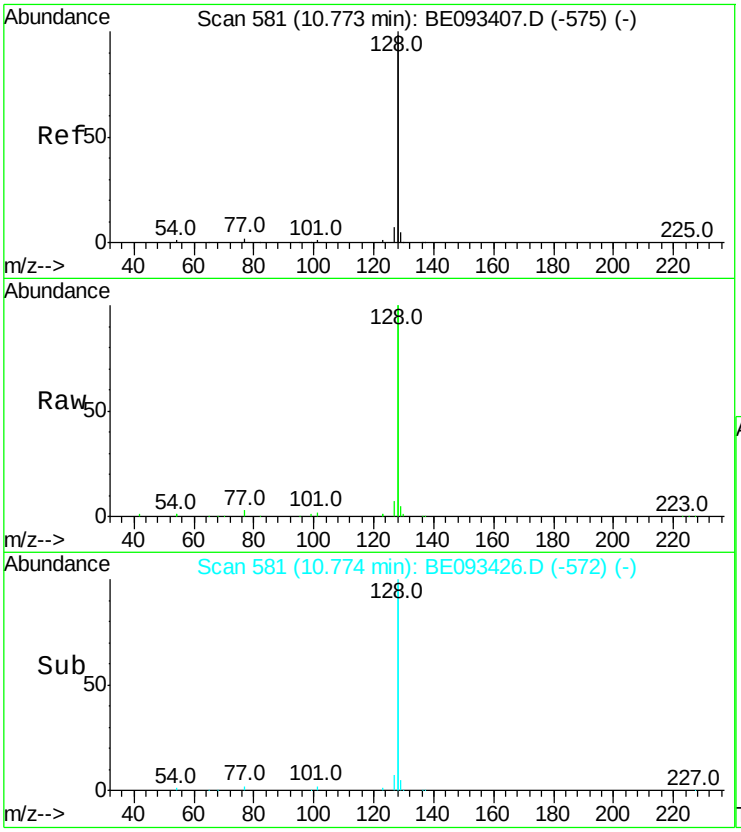


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion: 82 Resp: 5116

Ion	Ratio	Lower	Upper
82	100		
128	104.7	17.0	25.4#
54	247.5	53.8	80.6#



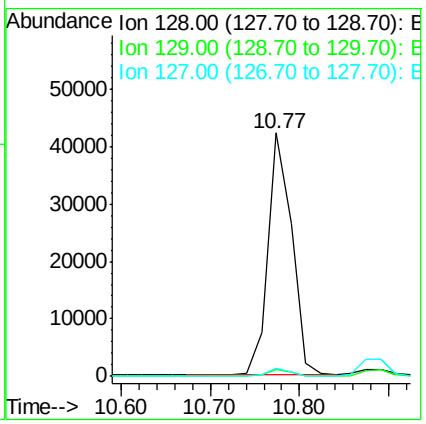


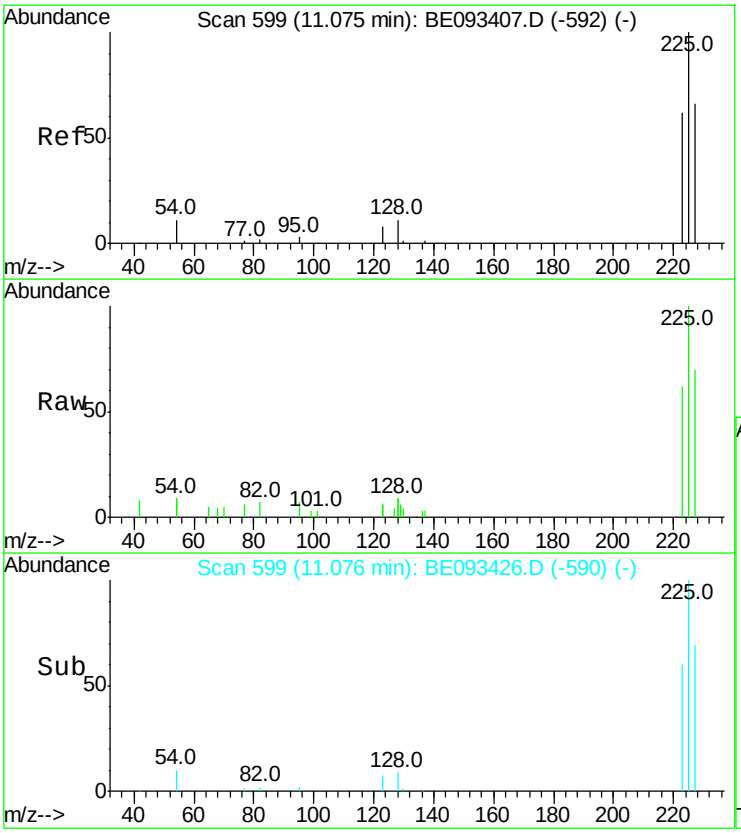
#9
Naphthalene
Concen: 0.38 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 78377

Ion	Ratio	Lower	Upper
128	100		
129	2.7	11.4	17.0#
127	3.4	11.2	16.8#

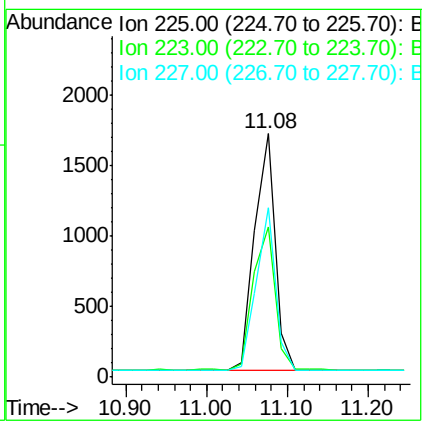


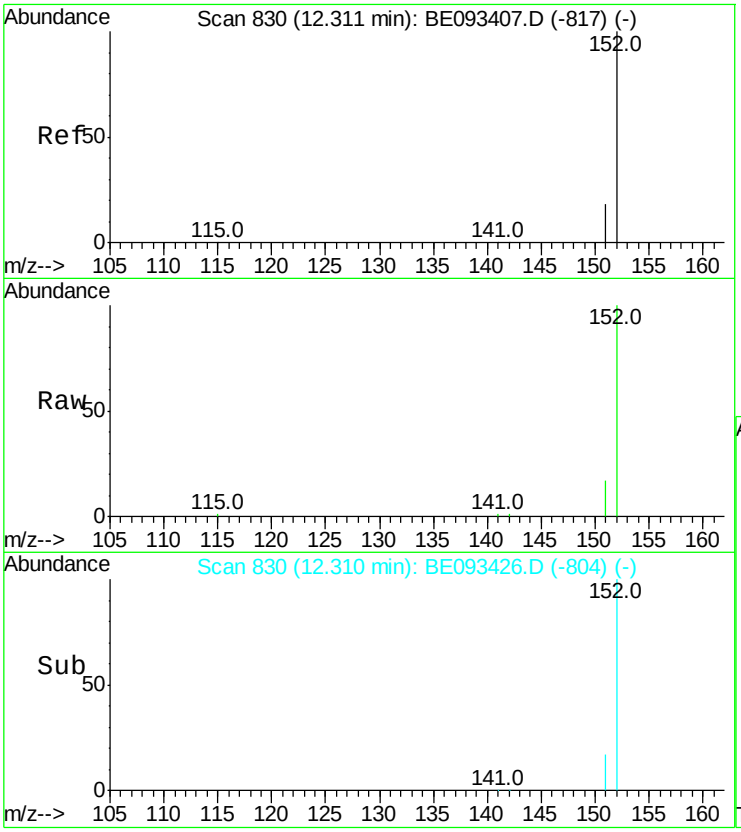


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:225 Resp: 3026

Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.7	74.5
227	64.7	50.3	75.5



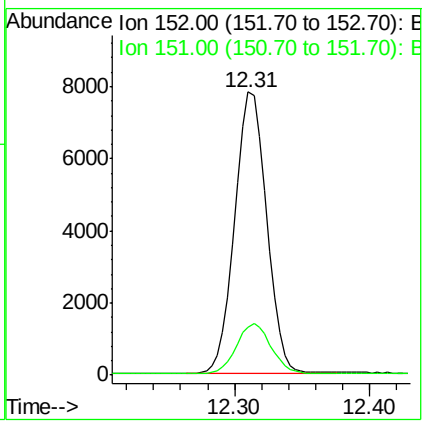


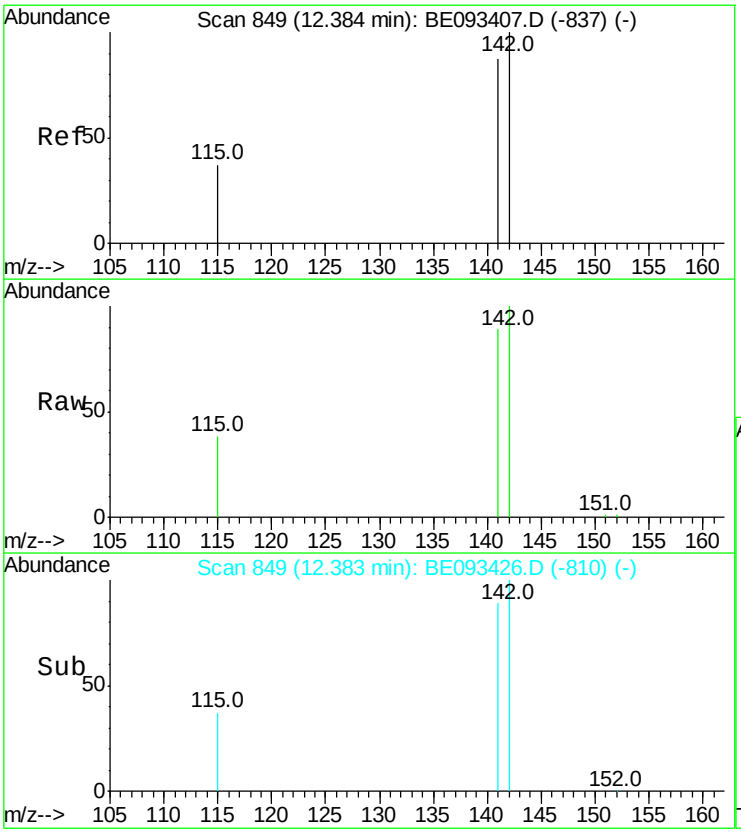
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.31 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 12477

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

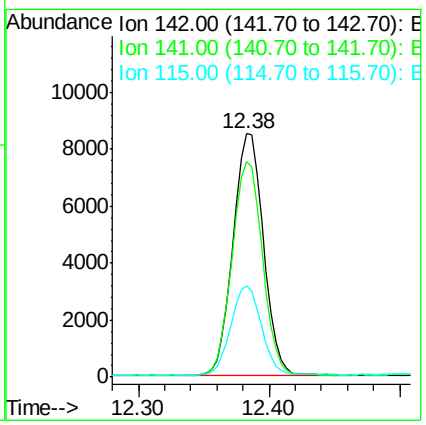


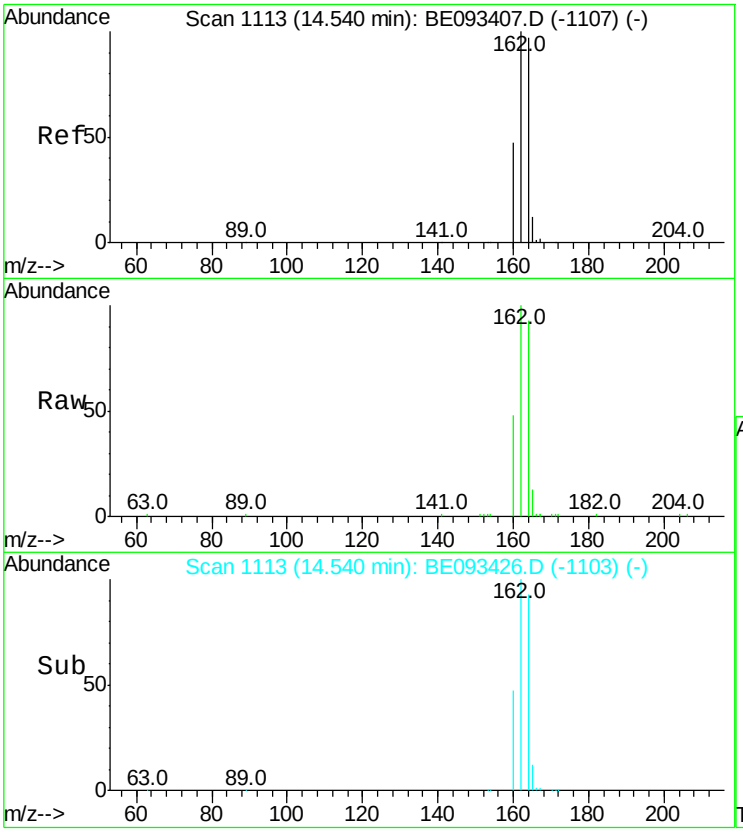


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.38 min Scan# 849
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:142 Resp: 13680

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8
115	37.6	32.2	48.2



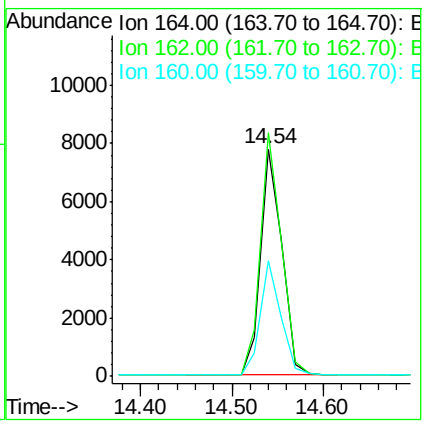


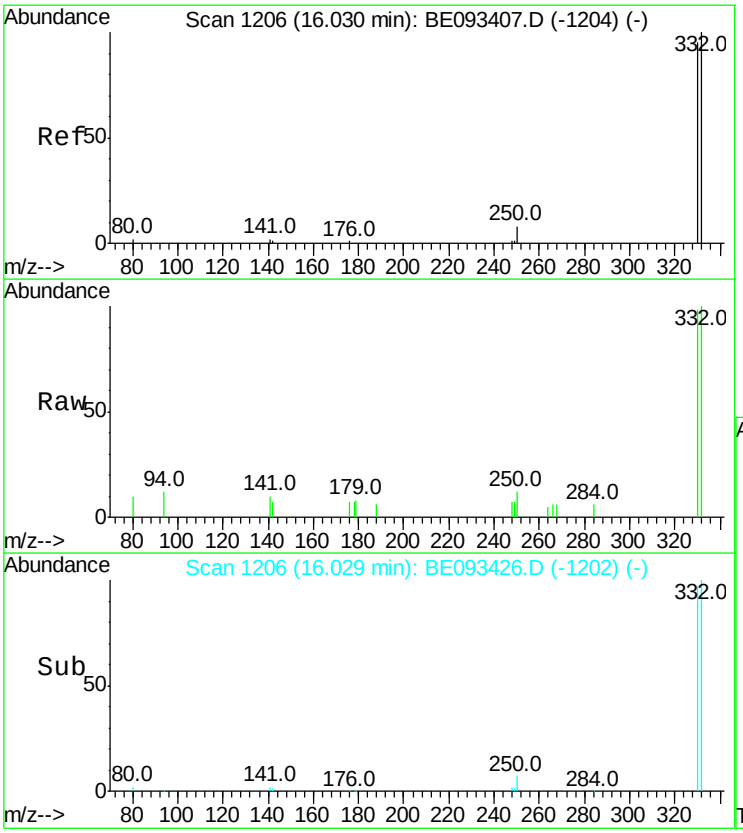
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12600

Ion	Ratio	Lower	Upper
164	100		
162	107.1	84.6	127.0
160	50.9	41.8	62.6

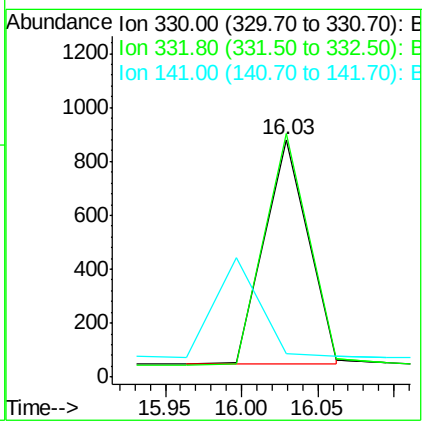


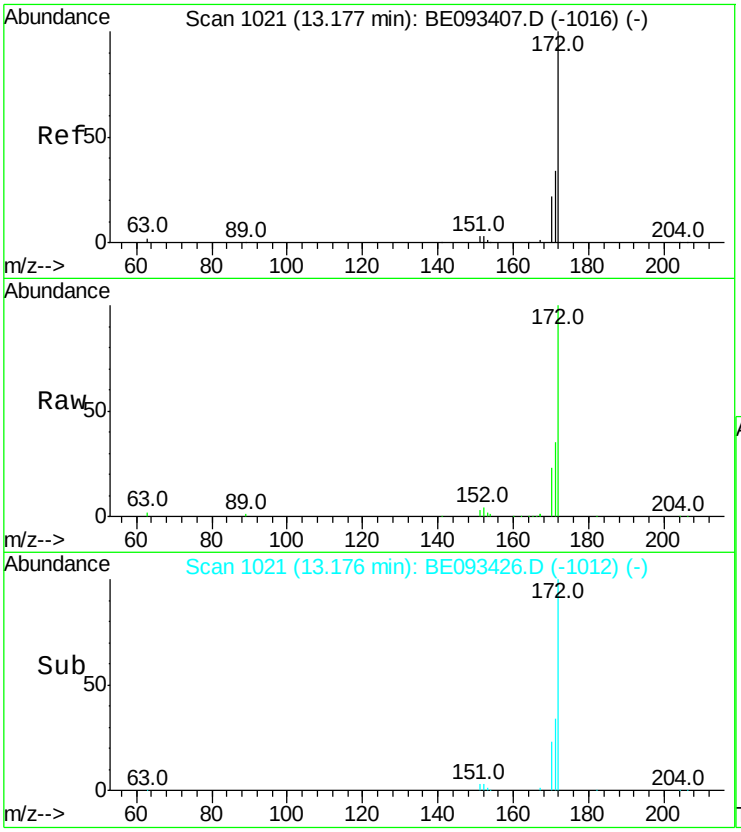


#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:330 Resp: 1680

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.7	116.5
141	0.0	56.2	84.4#



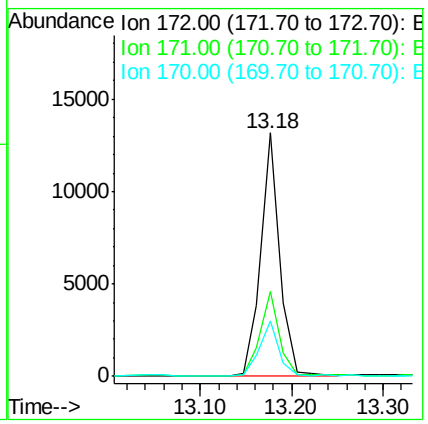


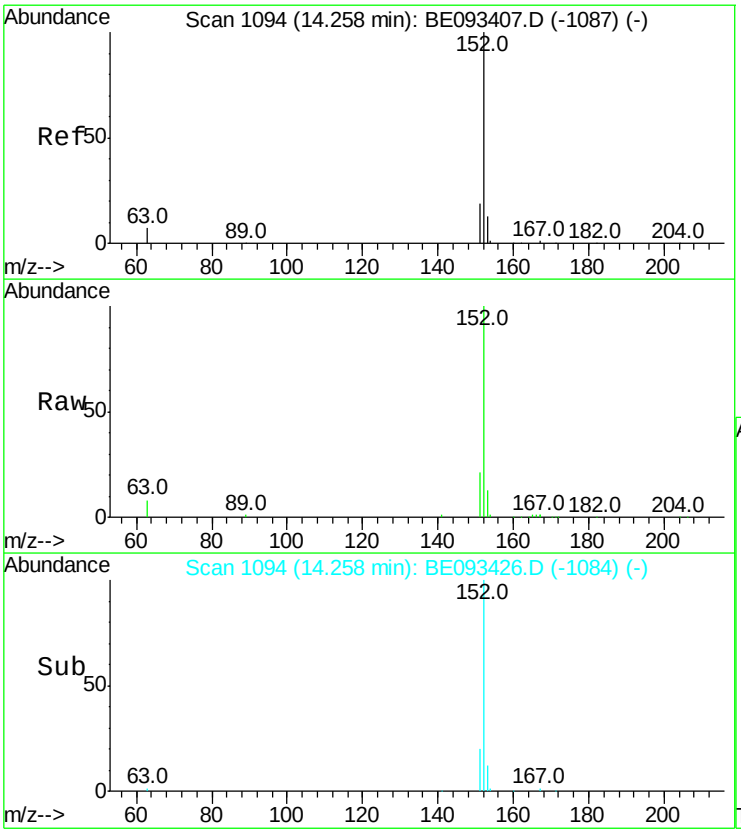
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 18922

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.8	44.6
170	22.9	20.7	31.1

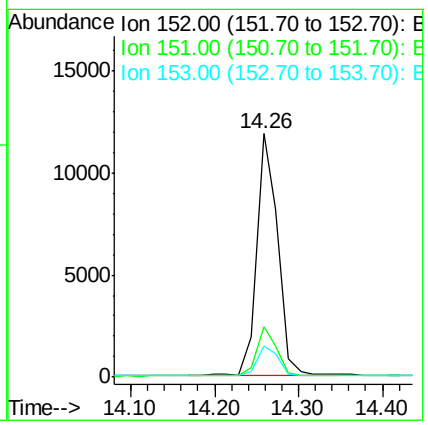


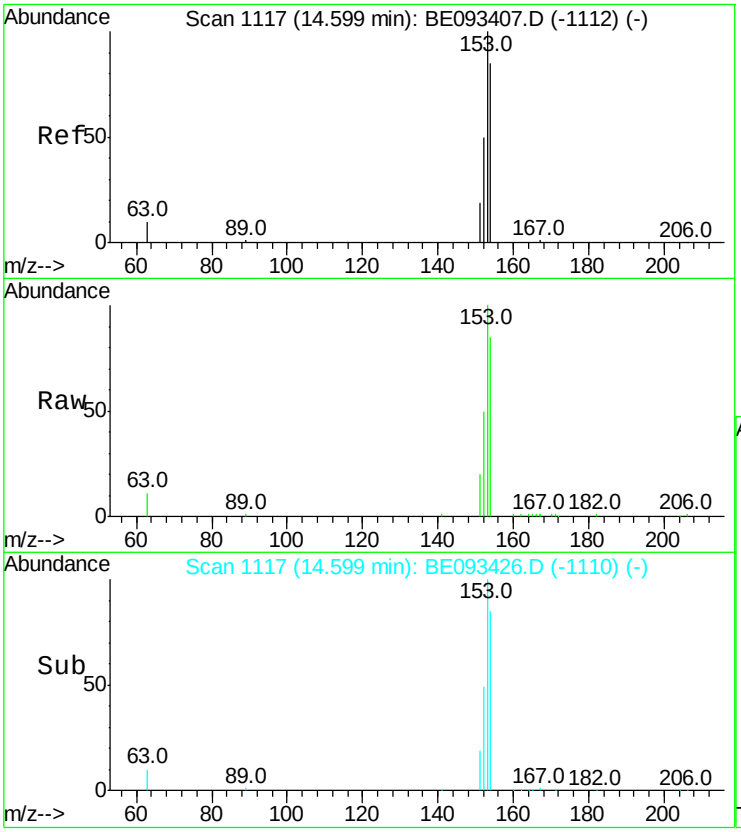


#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:152 Resp: 20924

Ion	Ratio	Lower	Upper
152	100		
151	19.2	4.0	6.0#
153	12.6	10.3	15.5



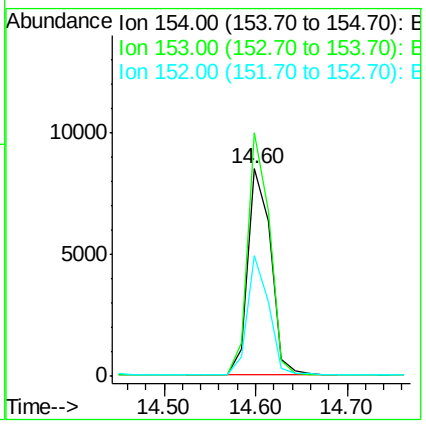


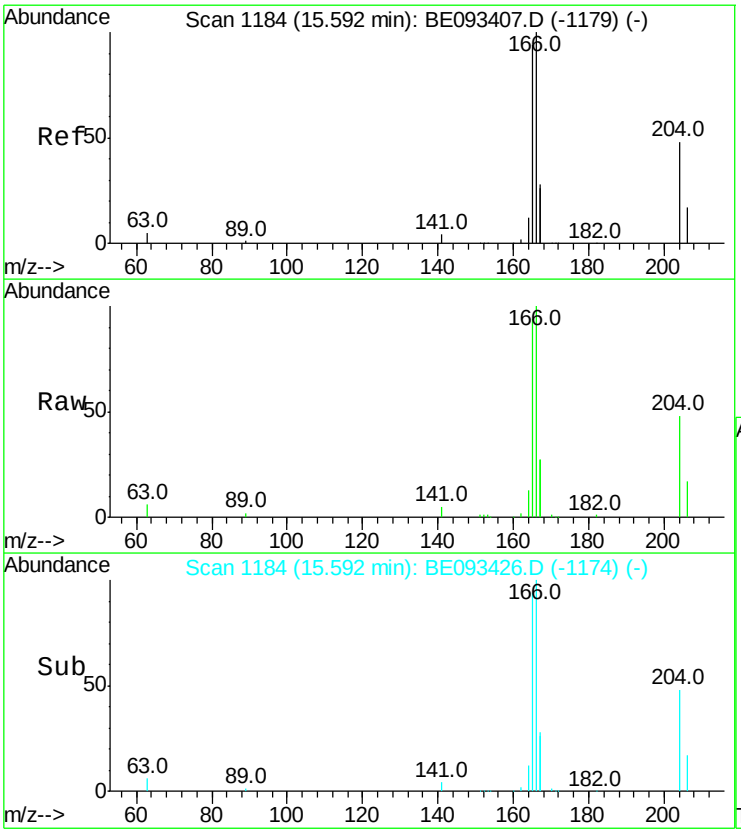
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 14836

Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	53.8	44.8	67.2

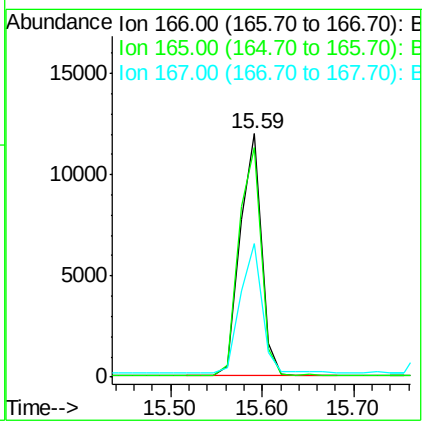


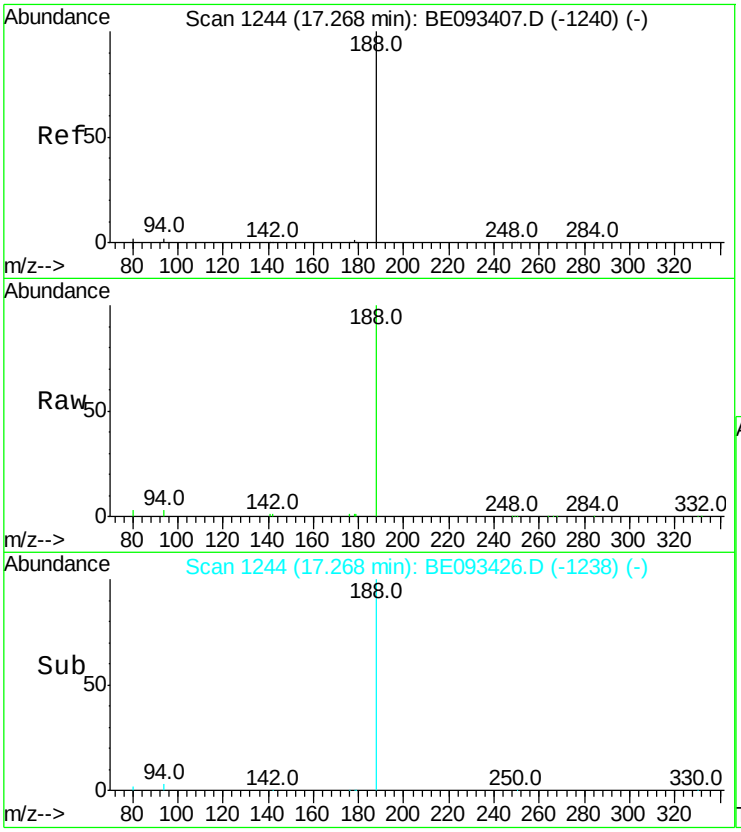


#18
Fluorene
Concen: 0.37 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:166 Resp: 19556

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	53.4	11.1	16.7#



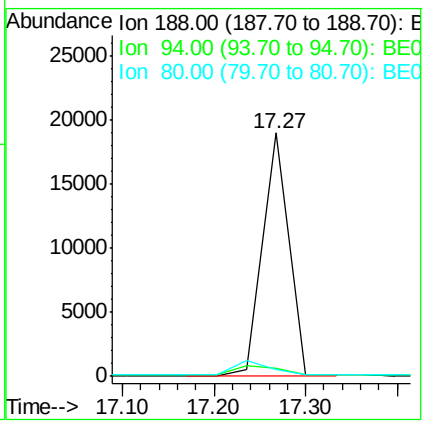


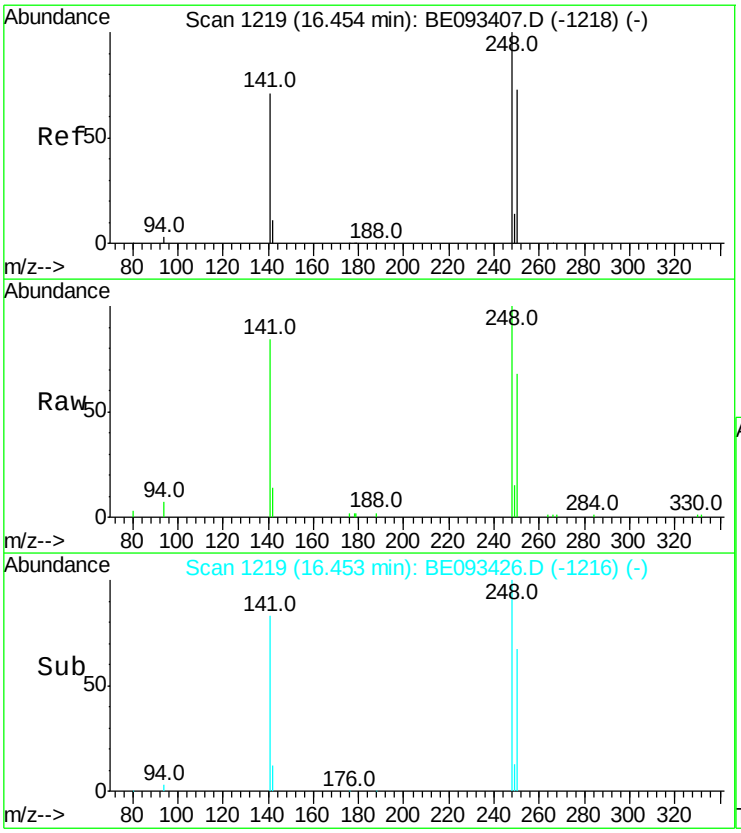
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 38101

Ion	Ratio	Lower	Upper
188	100		
94	3.4	11.3	16.9#
80	2.5	11.7	17.5#

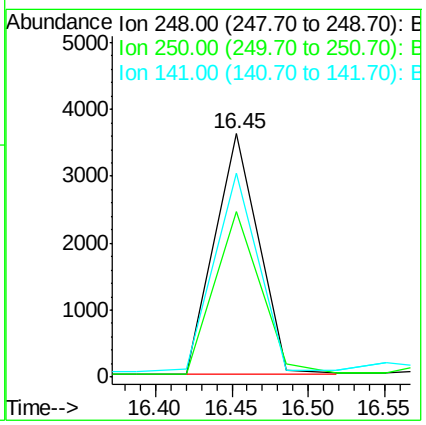


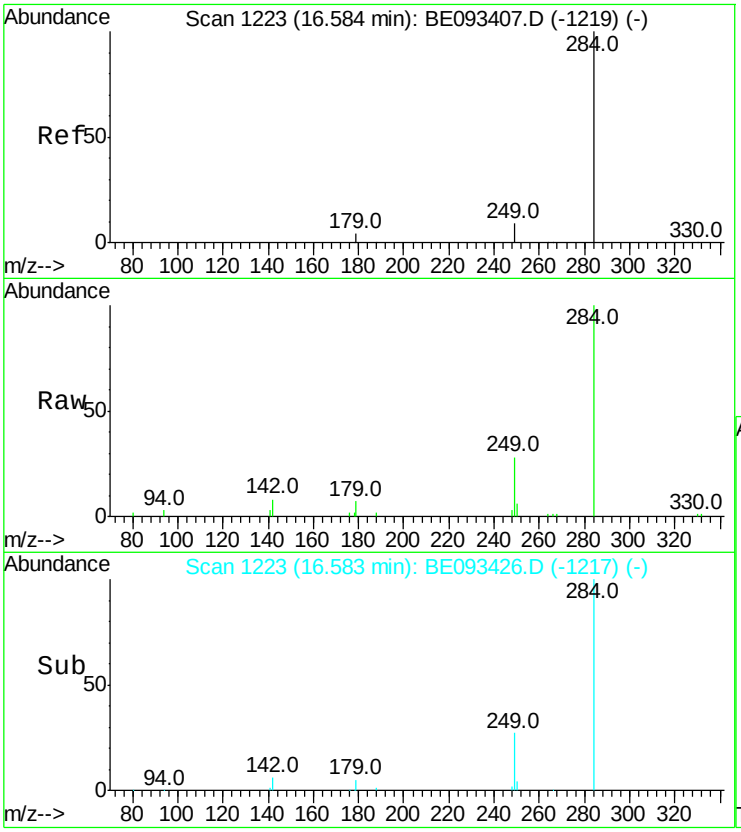


#20
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:248 Resp: 7136

Ion	Ratio	Lower	Upper
248	100		
250	67.9	40.8	61.2#
141	83.8	161.6	242.4#



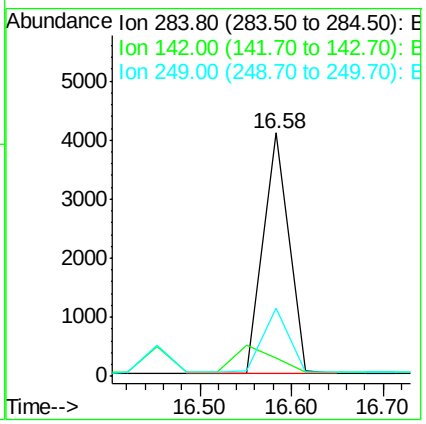


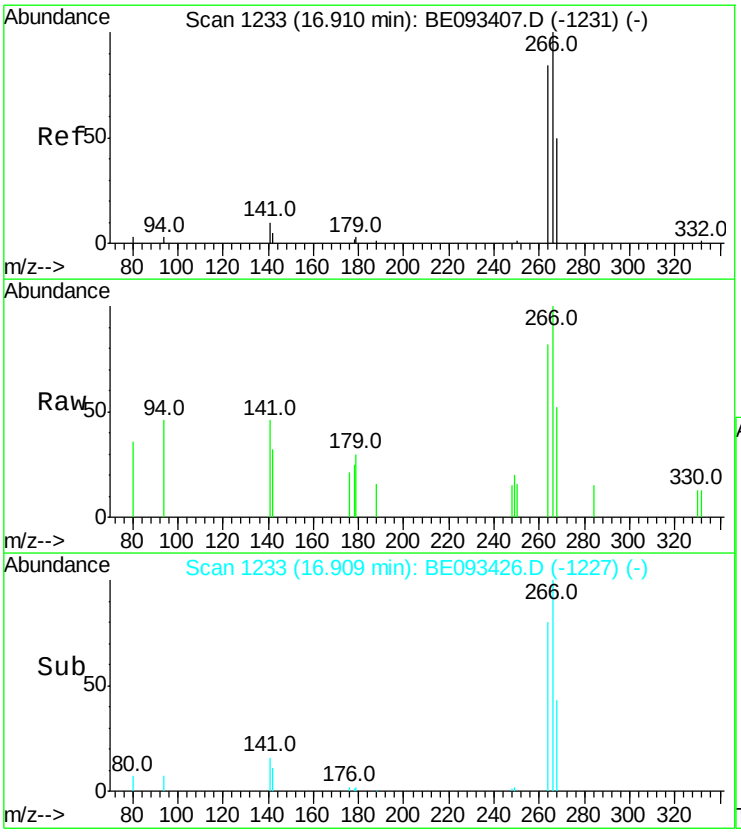
#21
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 8052

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	27.0	0.0	0.0#

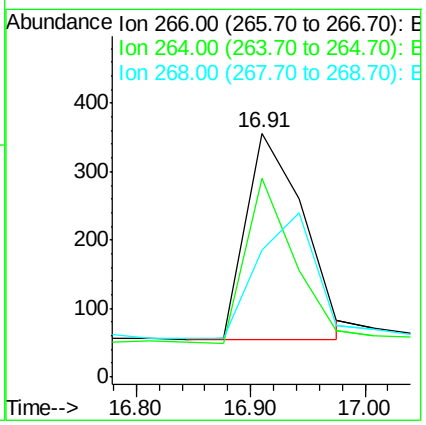


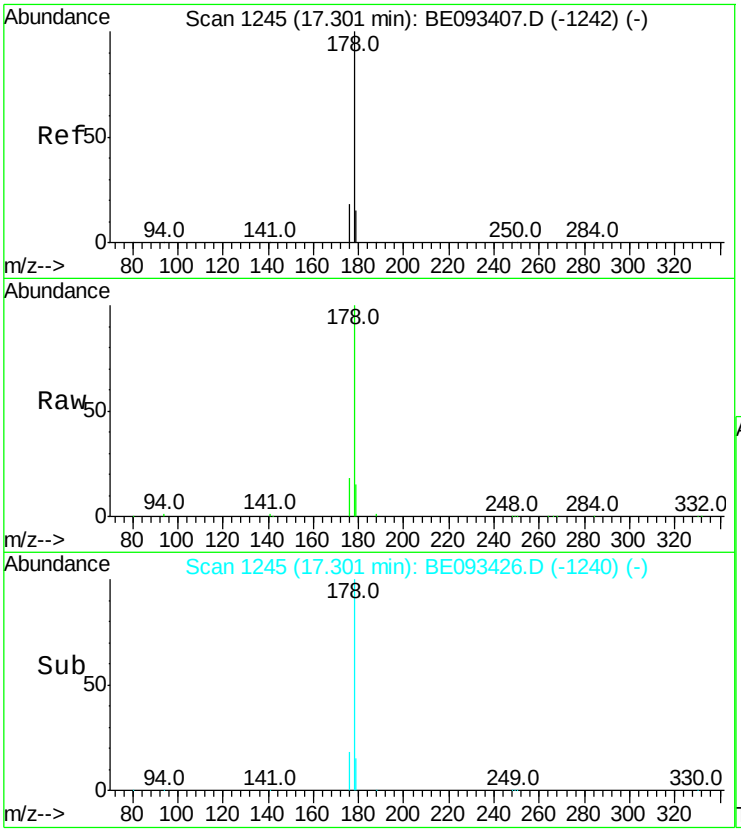


#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:266 Resp: 1046

Ion	Ratio	Lower	Upper
266	100		
264	81.7	58.2	87.2
268	52.2	71.9	107.9#



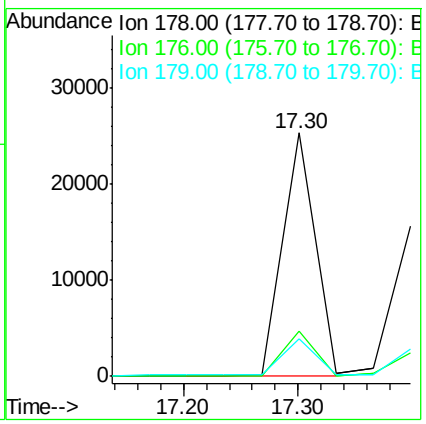


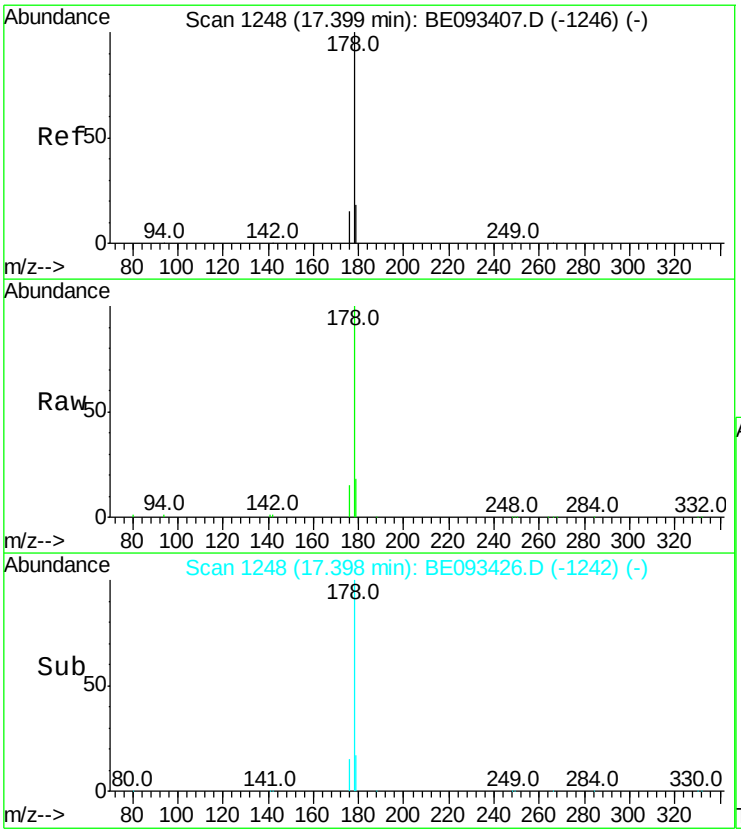
#23
Phenanthrene
Concen: 0.36 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 49854

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.1	12.7	19.1

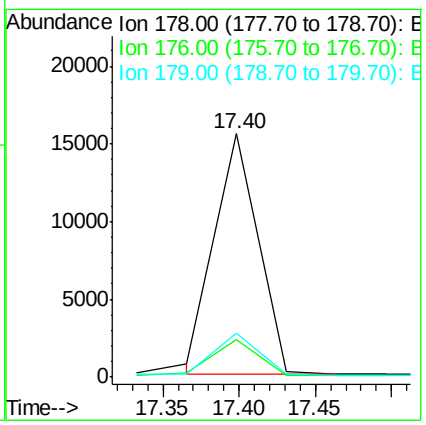


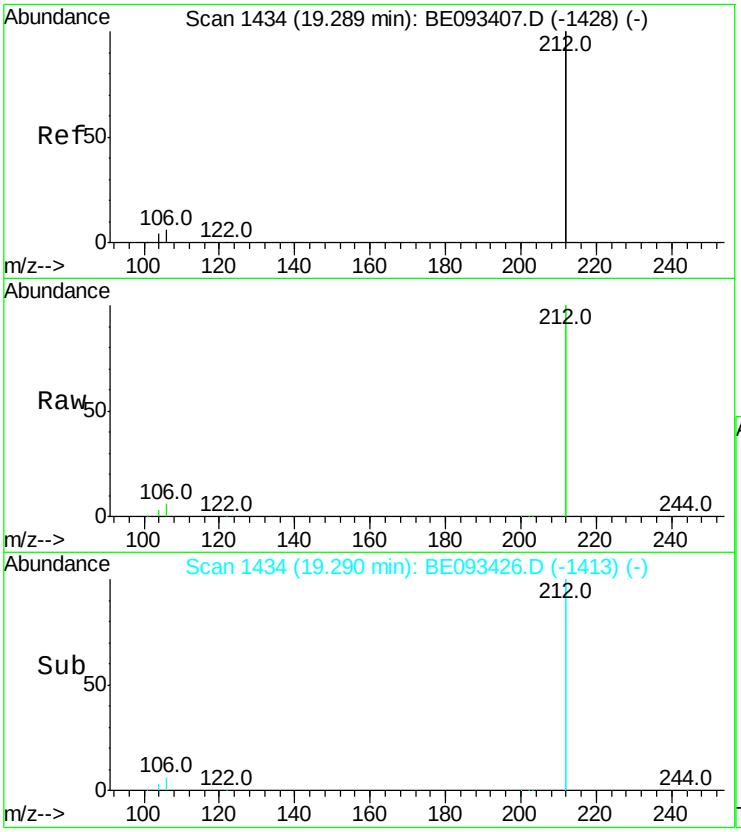


#24
Anthracene
Concen: 0.36 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:178 Resp: 30618

Ion	Ratio	Lower	Upper
178	100		
176	15.0	14.6	22.0
179	17.1	12.0	18.0



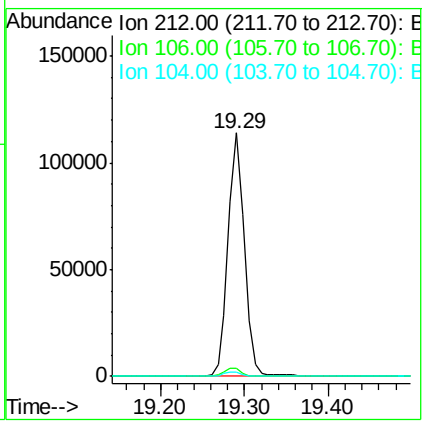


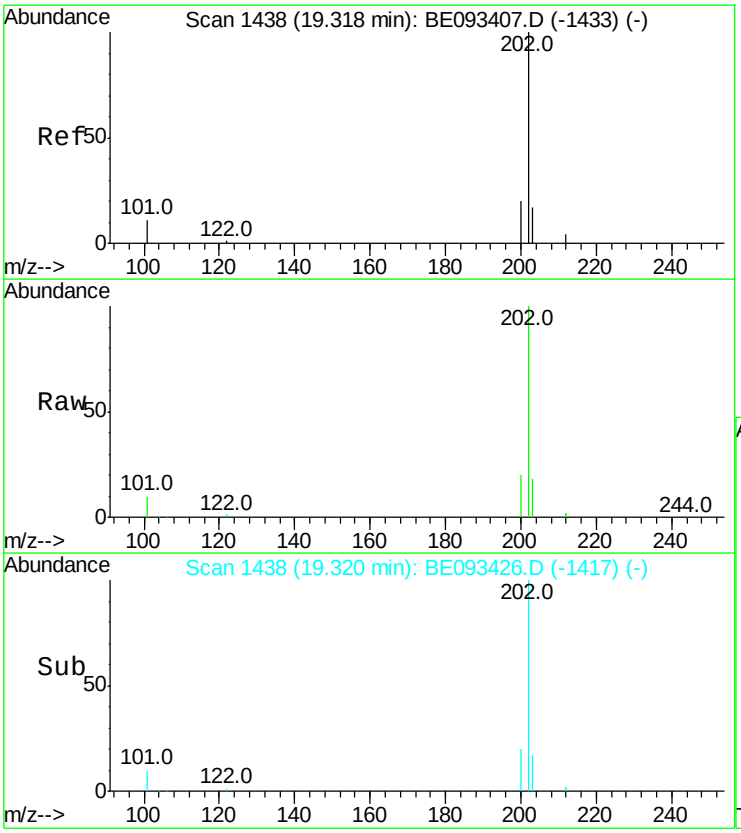
#25
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 151415

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4

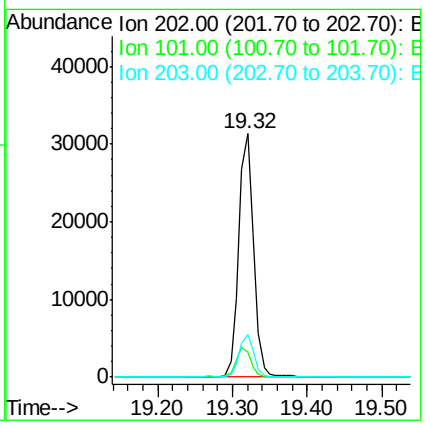


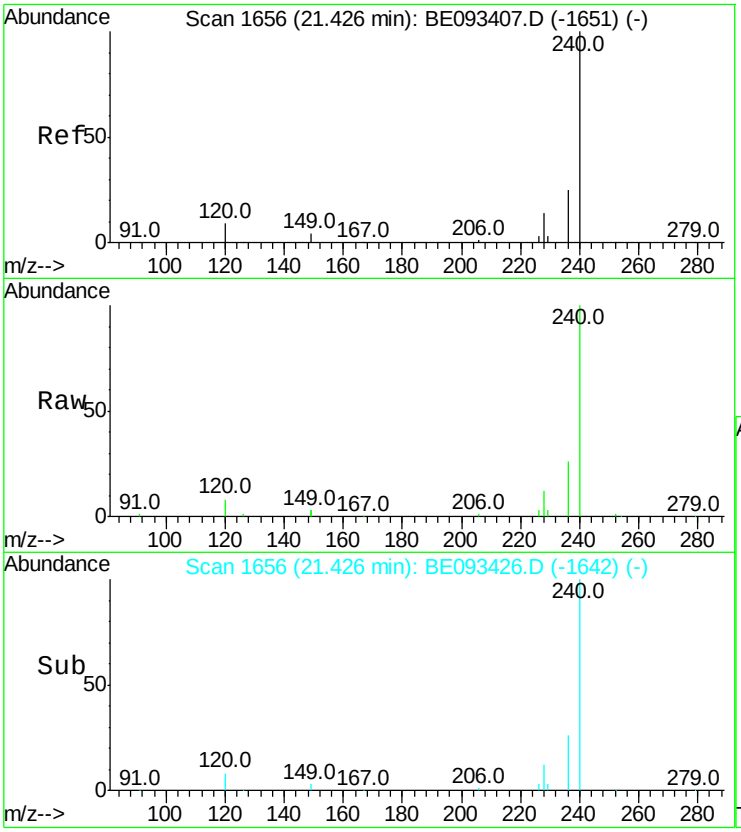


#26
Fluoranthene
Concen: 0.33 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:202 Resp: 42774

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	16.9	14.4	21.6



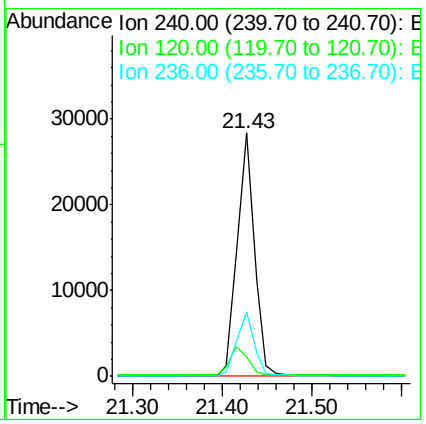


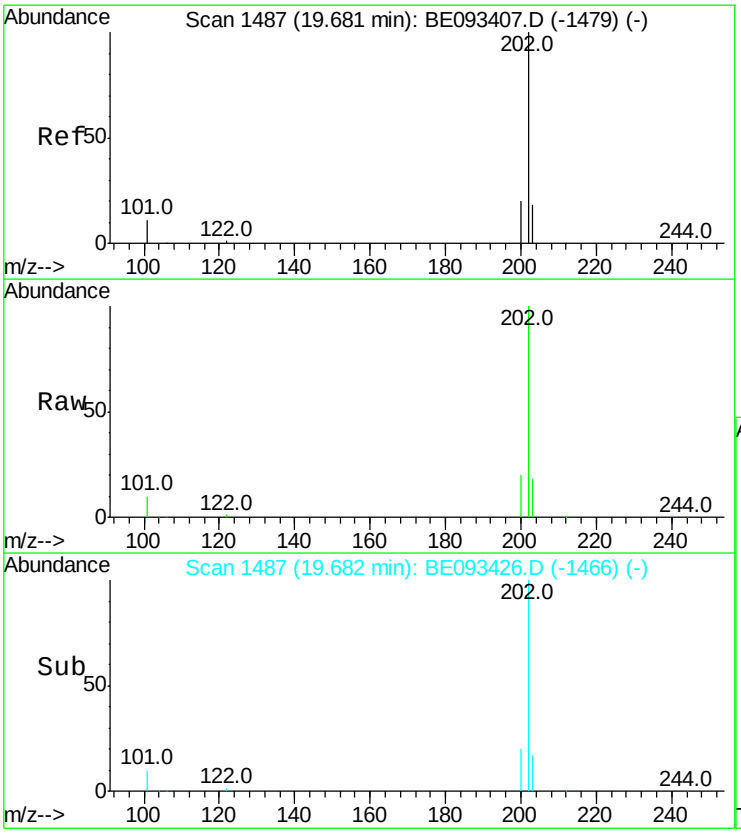
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 38025

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.6	7.0#
236	26.4	20.8	31.2

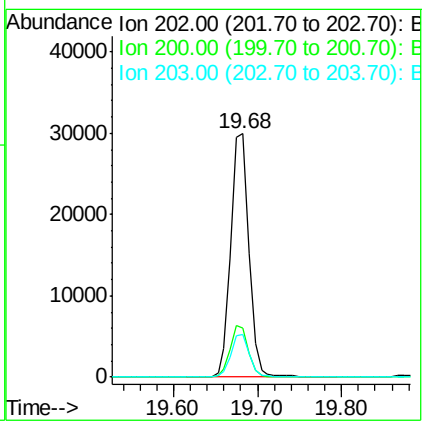


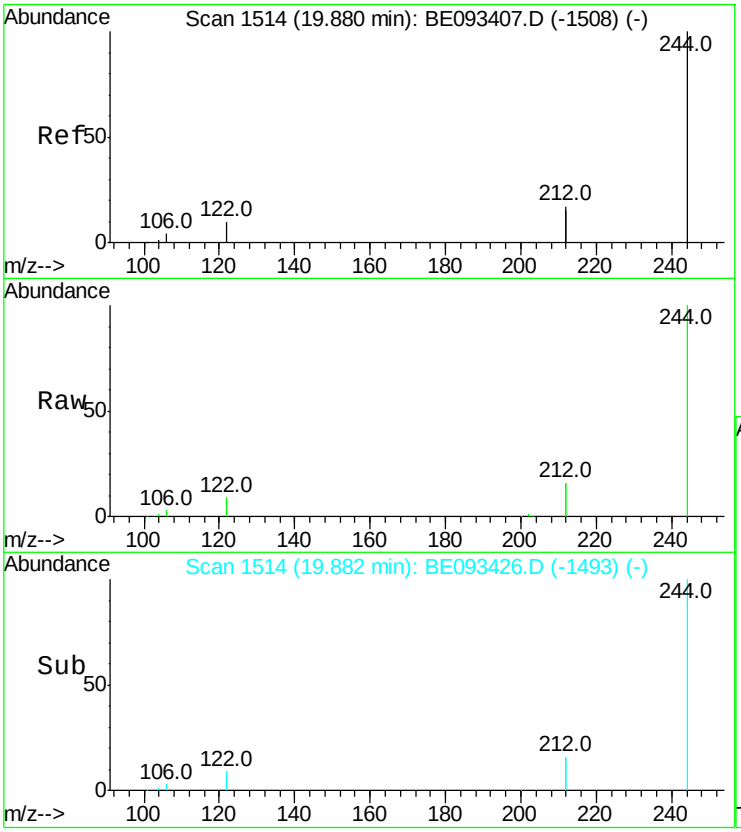


#28
Pyrene
Concen: 0.41 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:202 Resp: 43844

Ion	Ratio	Lower	Upper
202	100		
200	20.7	0.0	0.0#
203	17.6	13.7	20.5



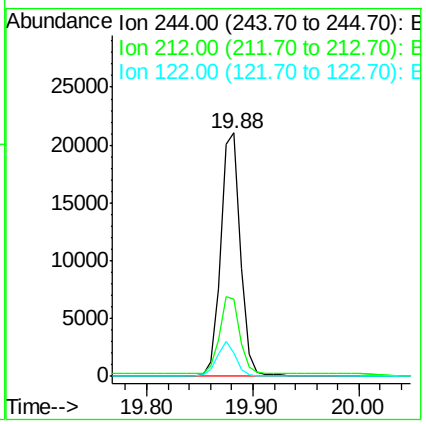


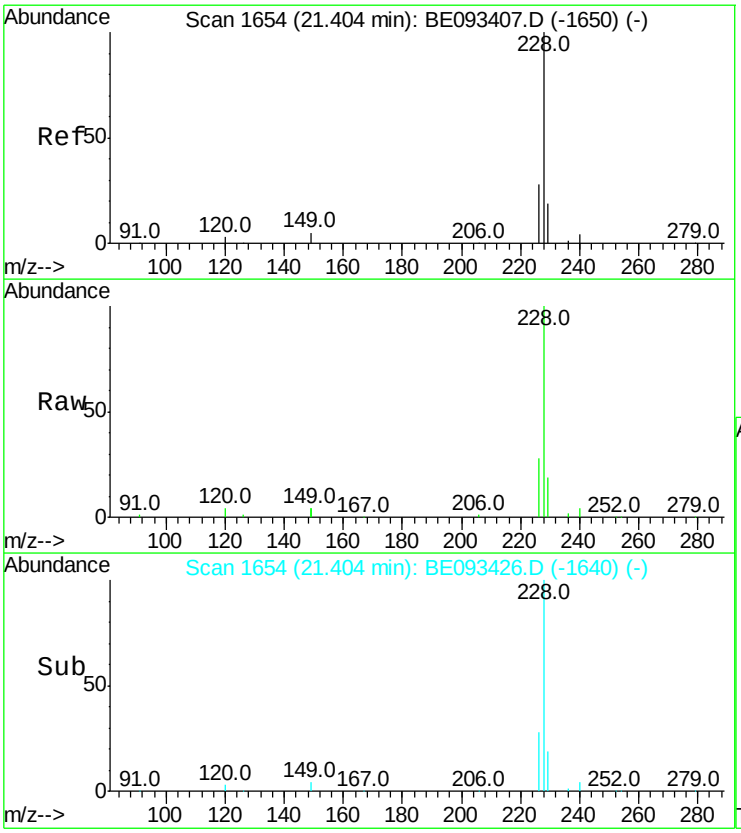
#29
Terphenyl-d14
Concen: 0.40 ng
RT: 19.88 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 27420

Ion	Ratio	Lower	Upper
244	100		
212	31.7	10.6	16.0#
122	9.4	15.4	23.0#

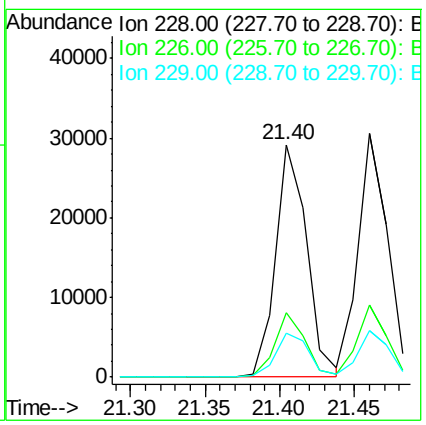


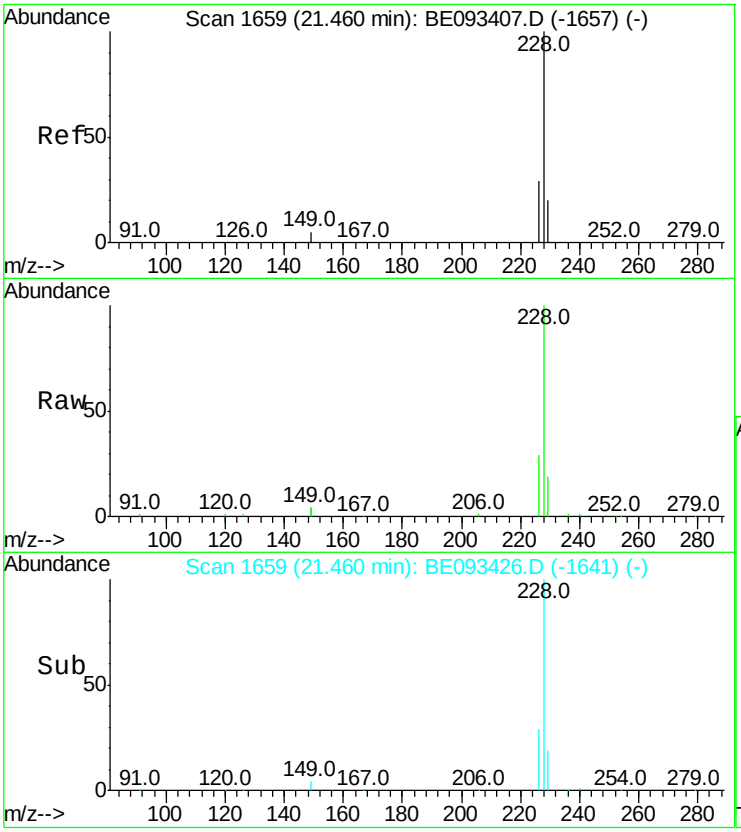


#30
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:228 Resp: 41999

Ion	Ratio	Lower	Upper
228	100		
226	27.9	19.7	29.5
229	19.1	19.2	28.8#



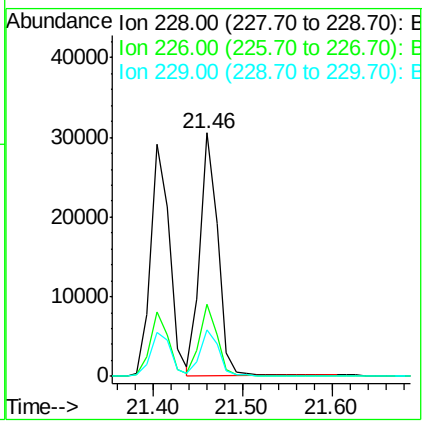


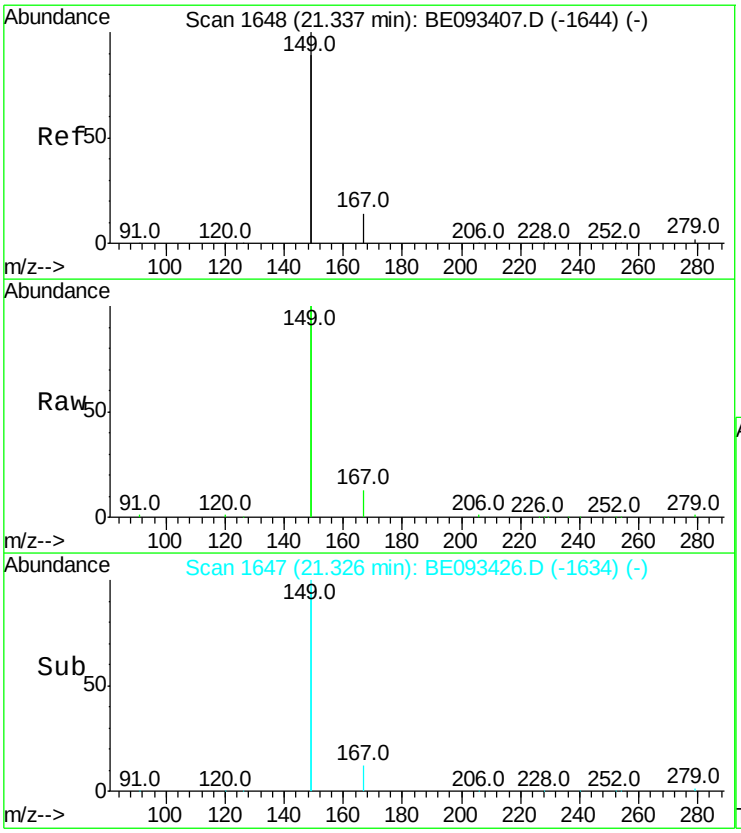
#31
Chrysene
Concen: 0.39 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 42017

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.5	32.3
229	19.1	18.6	28.0

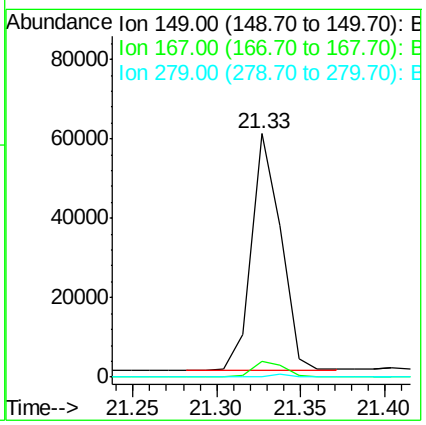


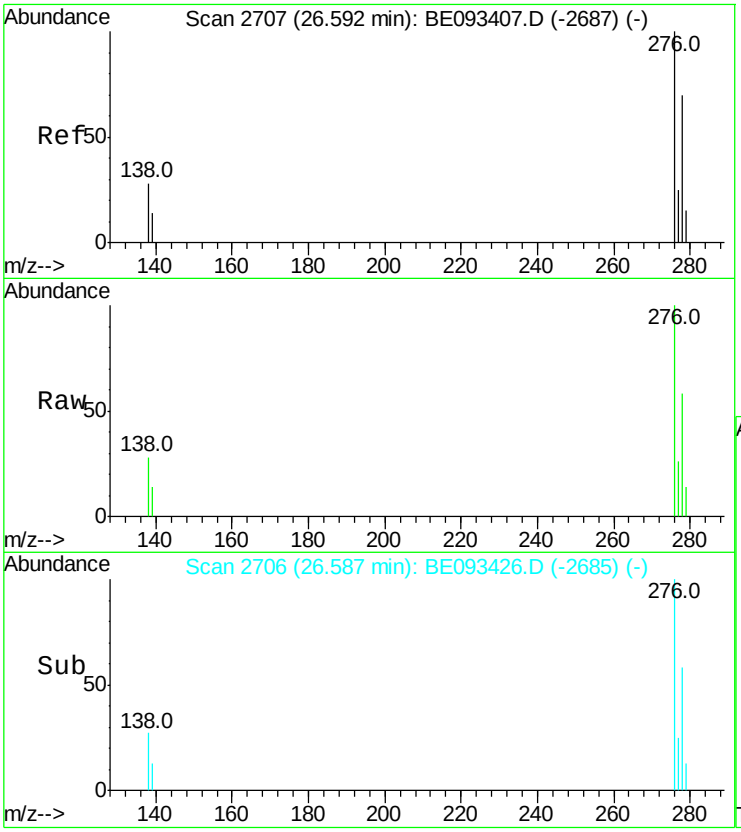


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.49 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:149 Resp: 72428

Ion	Ratio	Lower	Upper
149	100		
167	6.9	20.1	30.1#
279	0.9	2.2	3.4#



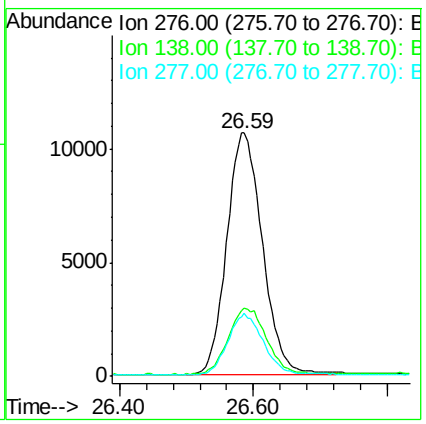


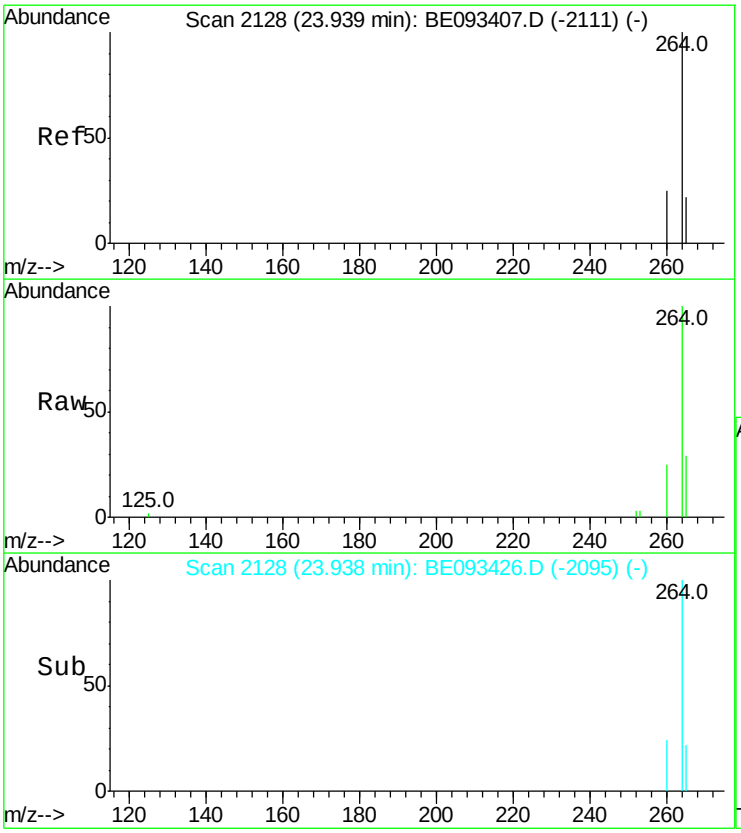
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.59 min Scan# 2706
Delta R.T. -0.01 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 39704

Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.4	41.2
277	24.8	20.1	30.1

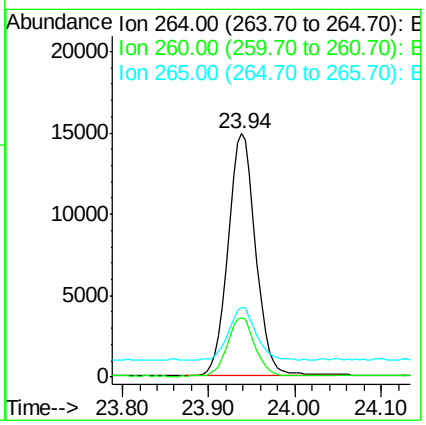


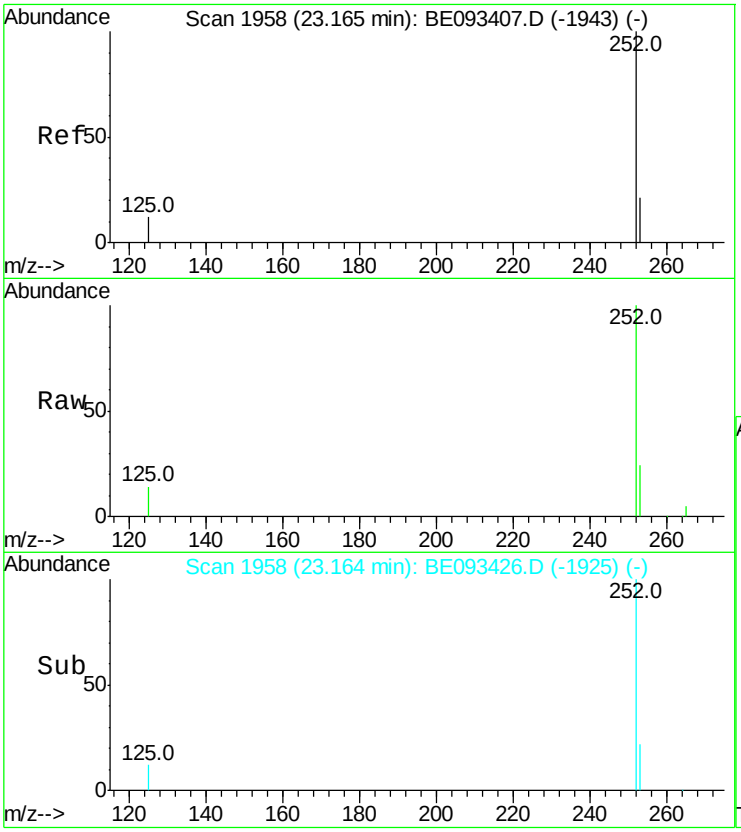


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:264 Resp: 33399

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	28.6	24.6	36.8



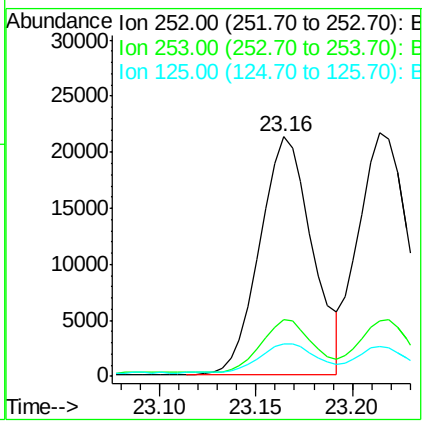


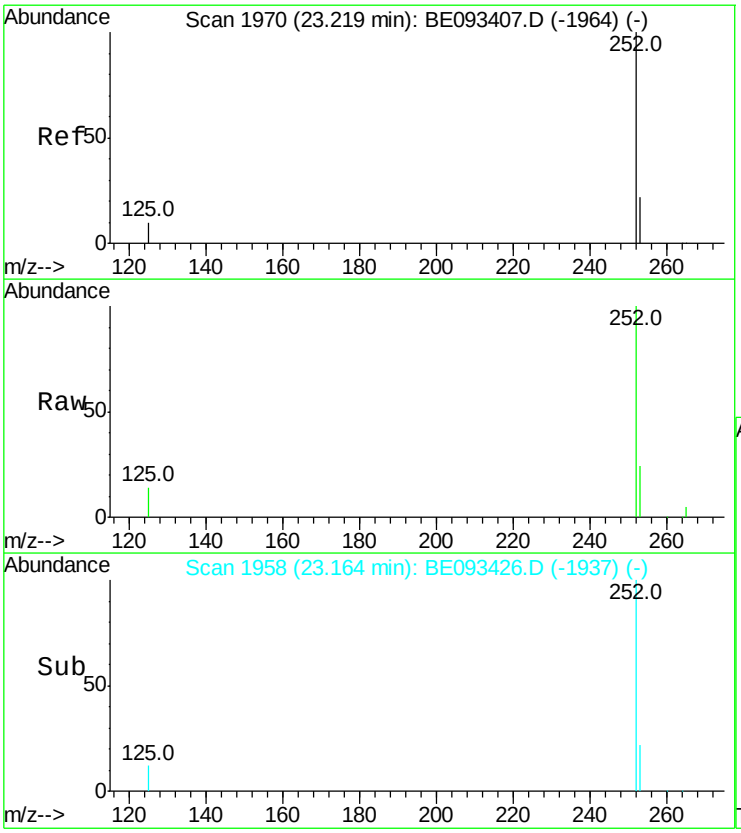
#35
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 40152

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	13.7	13.4	20.0

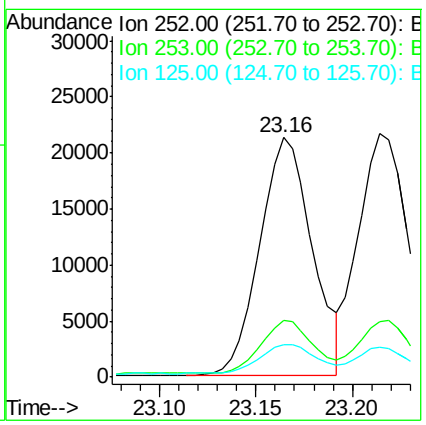


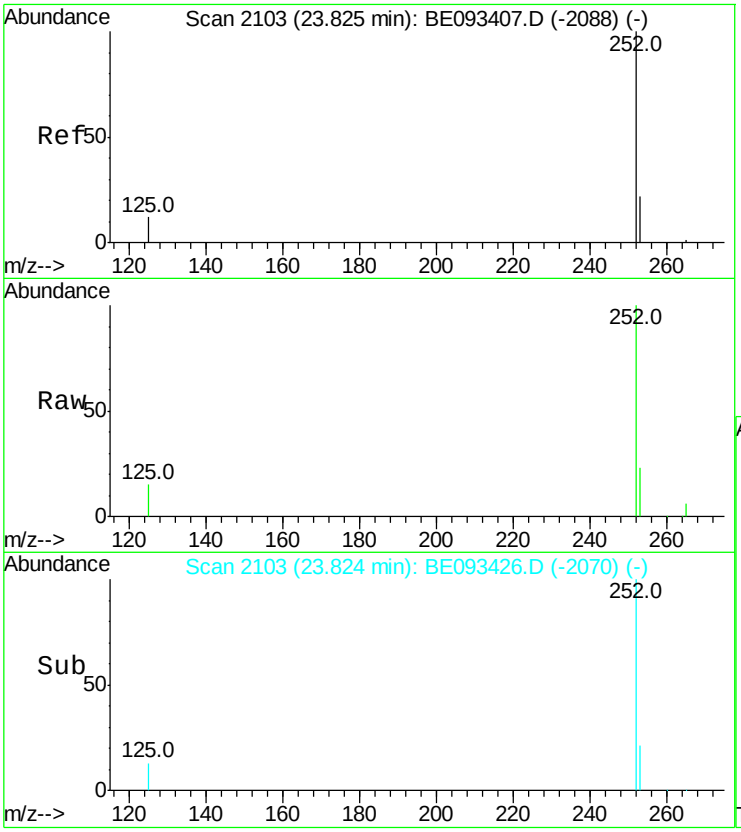


#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.06 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:252 Resp: 40152

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	13.7	12.2	18.4



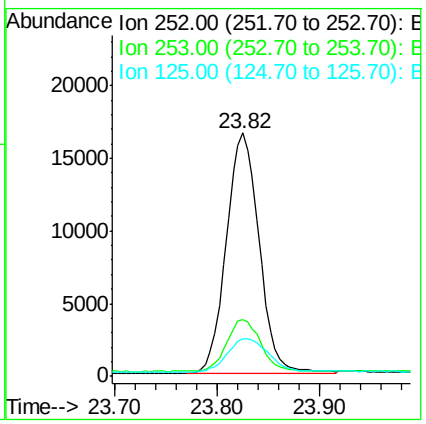


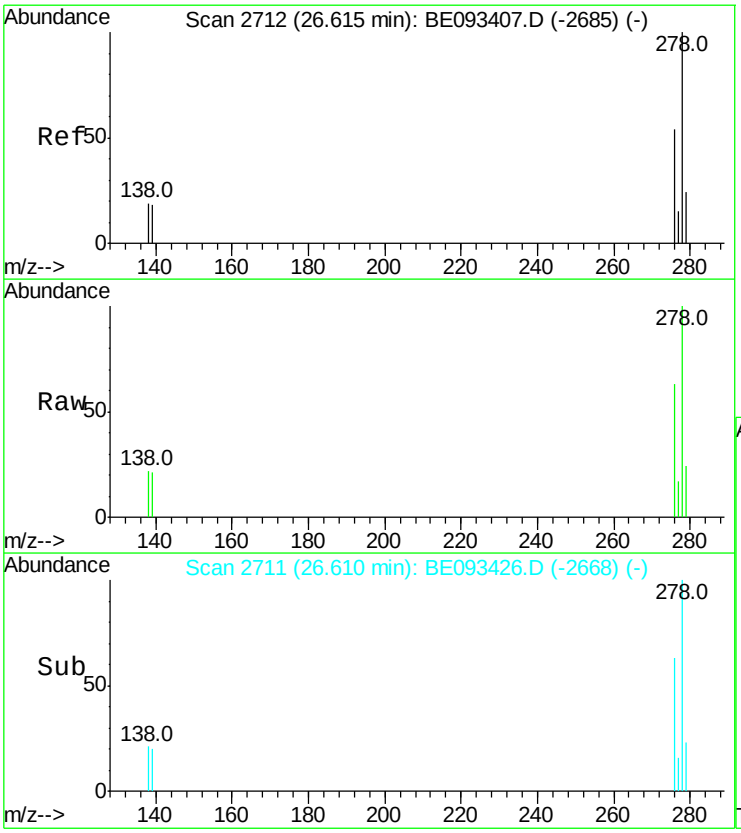
#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36739

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	15.2	14.6	21.8

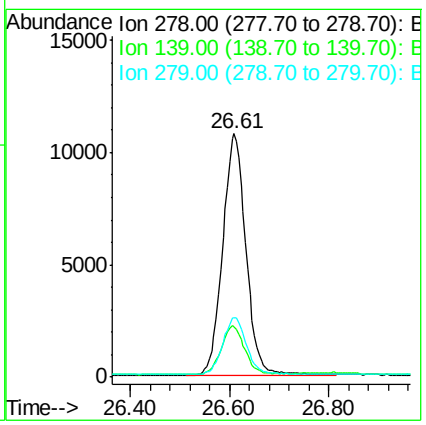


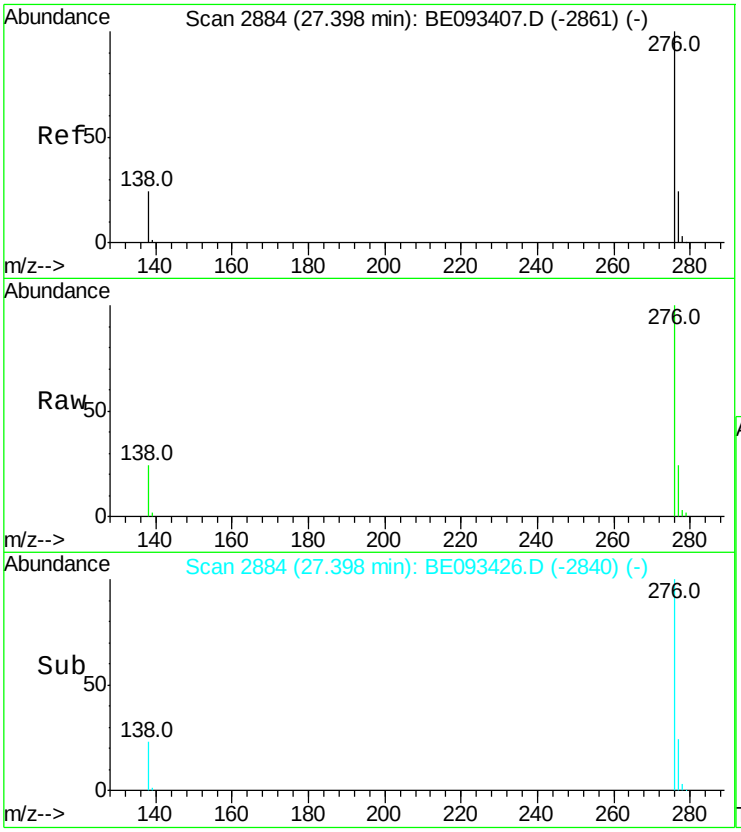


#38
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.61 min Scan# 2711
Delta R.T. -0.01 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion:278 Resp: 35541

Ion	Ratio	Lower	Upper
278	100		
139	20.8	21.4	32.0#
279	24.4	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.40 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34955

Ion	Ratio	Lower	Upper
276	100		
277	24.3	21.2	31.8
138	24.4	24.5	36.7#