Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070317\
Data File : BE093424.D
Acq On : 3 Jul 2017 11:50
Operator : SJ/JU
Sample : I3842-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 03 15:06:00 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	2850	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	15021	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	9789	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	29445	0.40	ng		0.00
27) Chrysene-d12	21.43	240	32384	0.40	ng		0.00
34) Perylene-d12	23.94	264	28425	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	3920	0.46	ng		0.00
5) Phenol-d6	7.10	99	6171	0.49	ng		0.00
8) Nitrobenzene-d5	9.08	82	4692	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	8176	0.34	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1680	0.55	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	12215	0.32	ng		0.00
25) Fluoranthene-d10	19.29	212	94664	0.27	ng		0.00
29) Terphenyl-d14	19.88	244	17823	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	267	0.04	ng	#	20
3) n-Nitrosodimethylamine	3.68	42	922	0.33	ng	#	1
9) Naphthalene	10.77	128	12642	0.08	ng	#	75
12) 2-Methylnaphthalene	12.38	142	1960	0.07	ng		95
16) Acenaphthylene	14.26	152	14322	0.35	ng	#	86
17) Acenaphthene	14.60	154	1805	0.06	ng		92
18) Fluorene	15.59	166	5760	0.14	ng	#	76
22) Pentachlorophenol	16.91	266	74	Below Cal		#	85
23) Phenanthrene	17.30	178	112207	1.05	ng		99
24) Anthracene	17.30	178	111164	1.69	ng		99
26) Fluoranthene	19.32	202	157005	1.56	ng		99
28) Pyrene	19.68	202	173906	1.91	ng	#	91
30) Benzo(a)anthracene	21.40	228	83002	0.95	ng	#	94
31) Chrysene	21.46	228	93709	1.02	ng		95
32) Bis(2-ethylhexyl)phthalate	21.33	149	155768	1.24	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.59	276	46615	0.58	ng	#	90
35) Benzo(b)fluoranthene	23.17	252	105271	1.15	ng	#	86
36) Benzo(k)fluoranthene	23.17	252	105271	1.16	ng	#	88
37) Benzo(a)pyrene	23.82	252	74721	0.93	ng		100
38) Dibenzo(a,h)anthracene	26.60	278	12871	0.16	ng	#	66
39) Benzo(g,h,i)perylene	27.41	276	50178	0.64	ng		95

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

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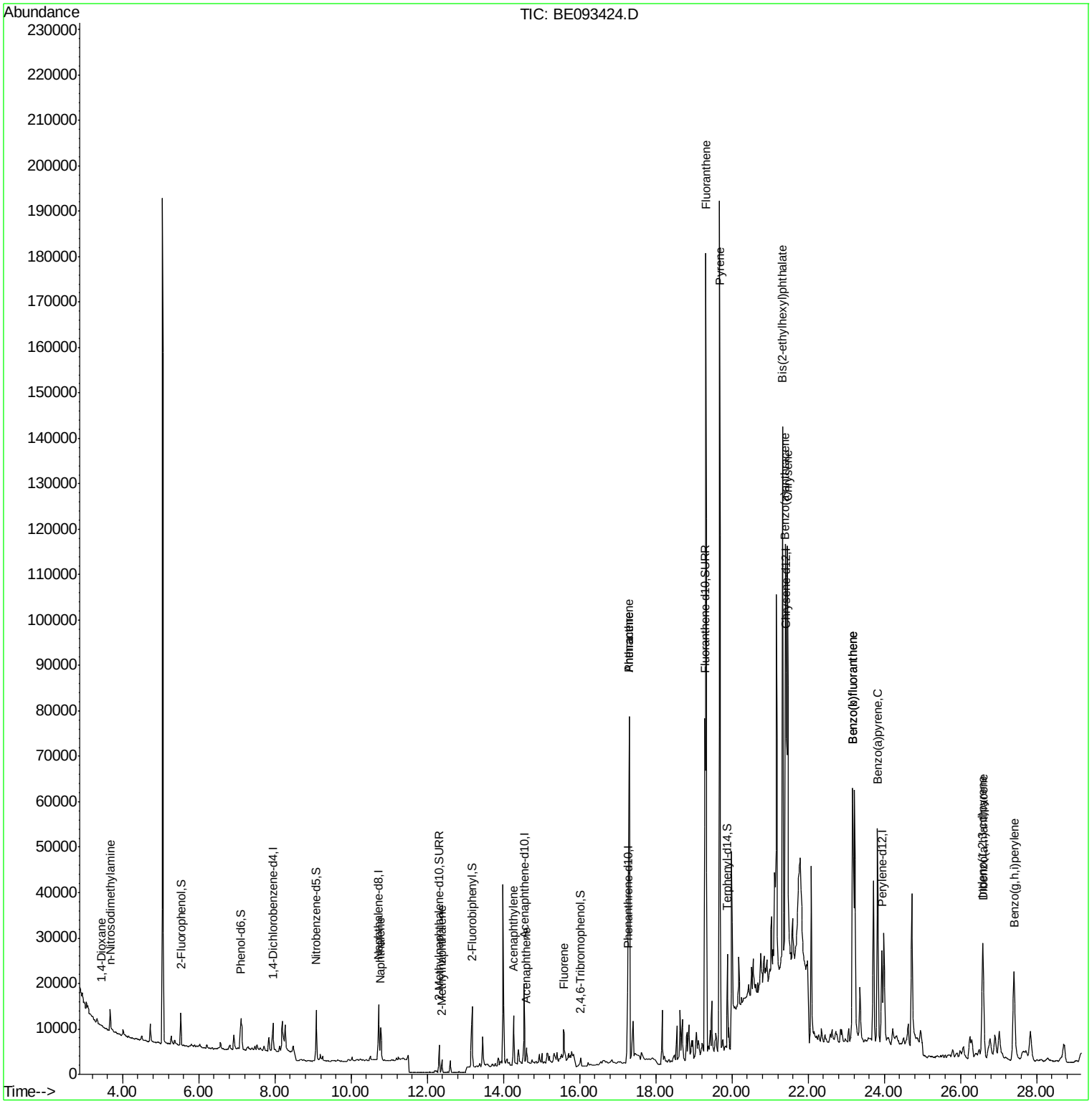
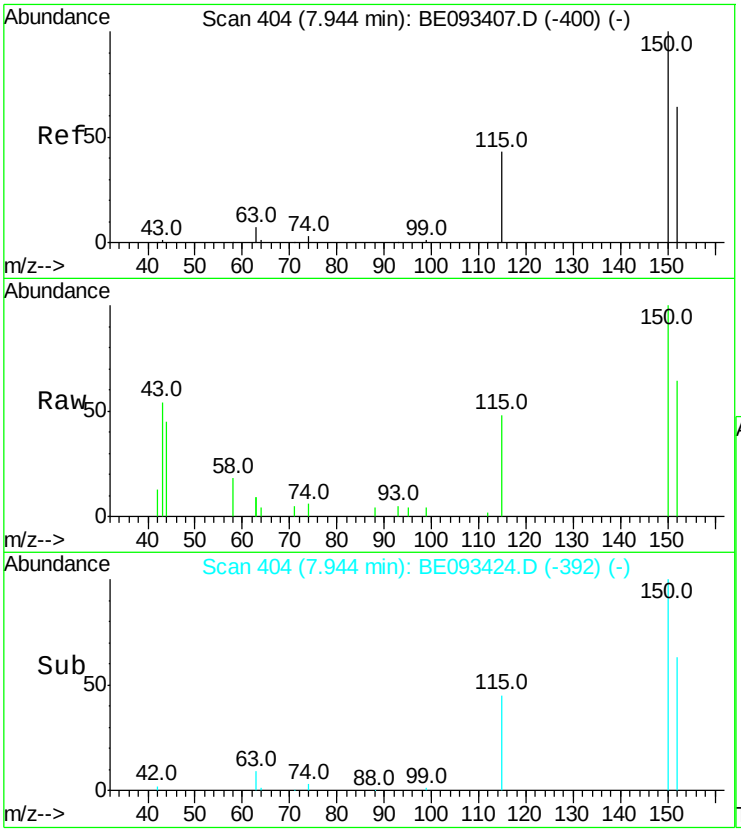


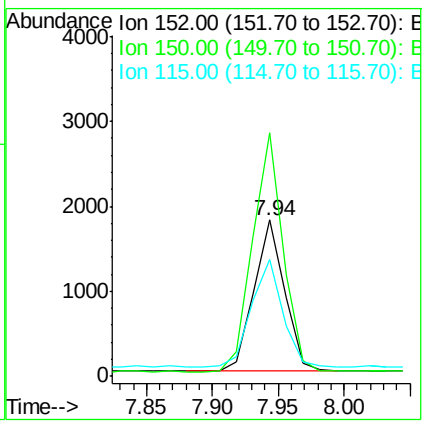


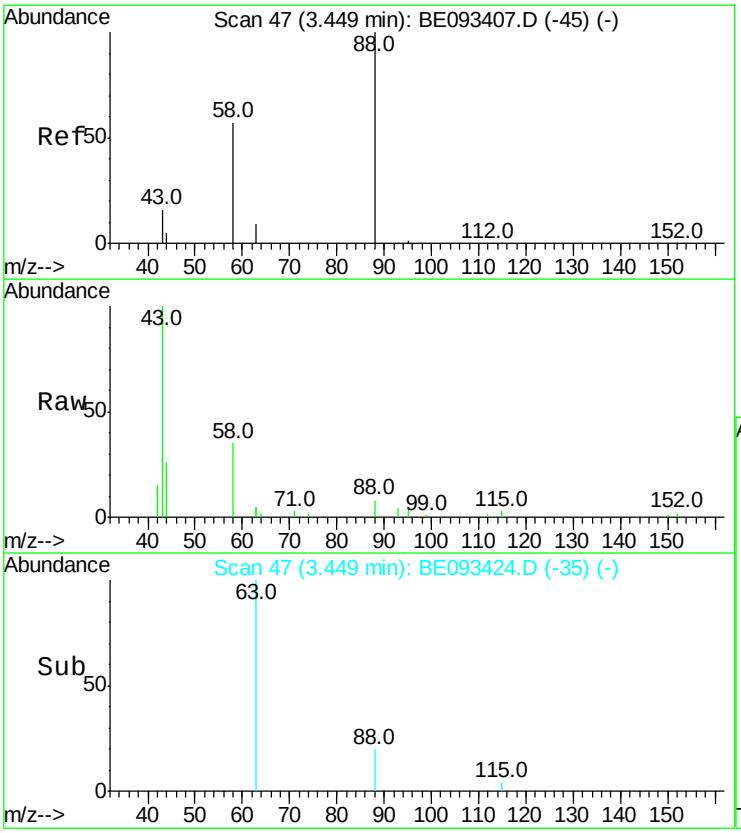
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2850

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.1	187.7
115	74.8	55.7	83.5

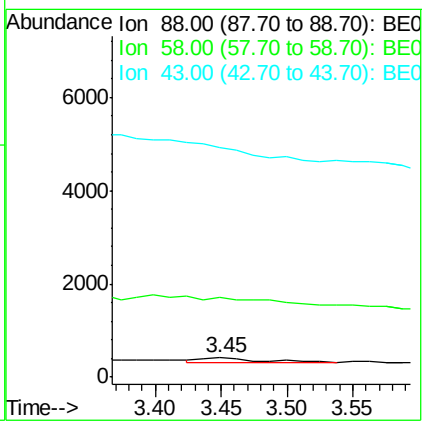


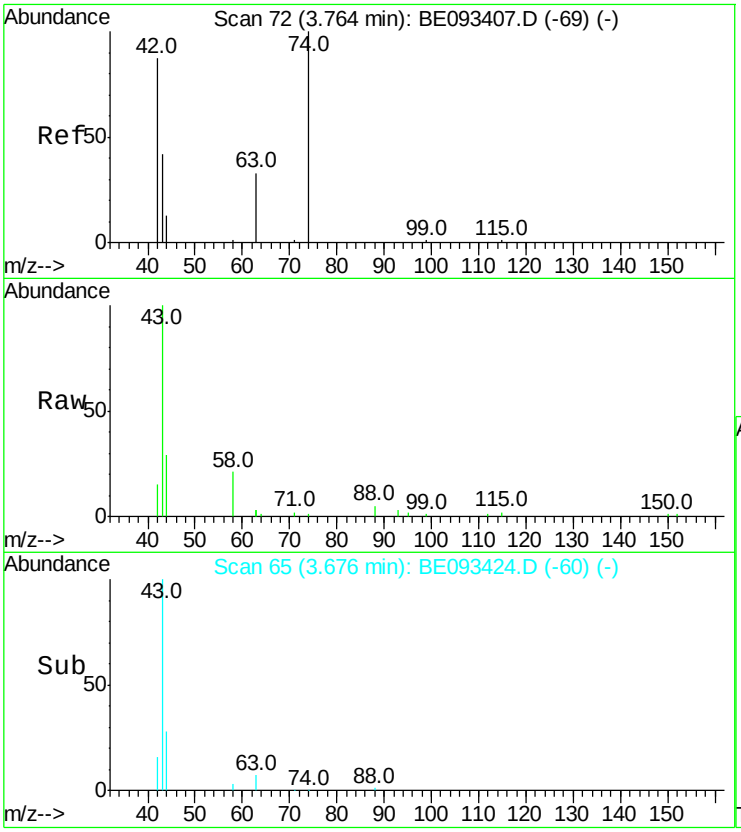


#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion: 88 Resp: 267

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



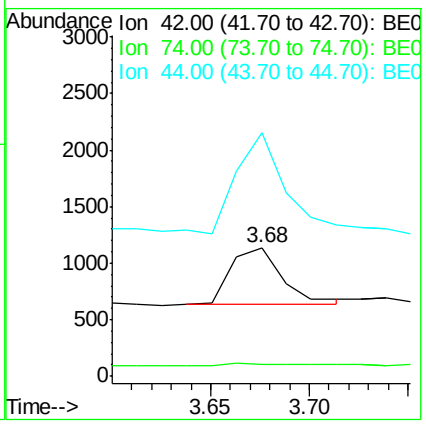


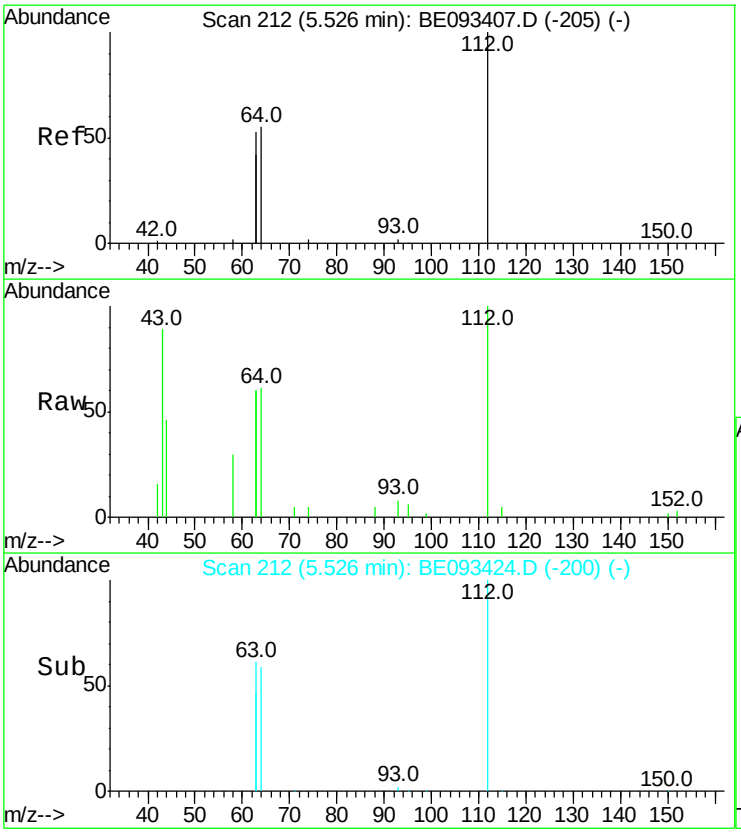
#3
n-Nitrosodimethylamine
Concen: 0.33 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.09 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 922

Ion	Ratio	Lower	Upper
42	100		
74	8.2	99.1	148.7#
44	183.4	7.4	11.2#

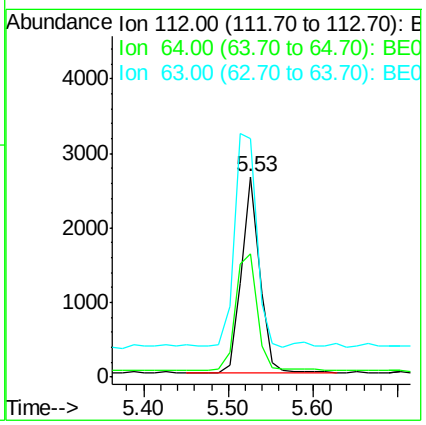


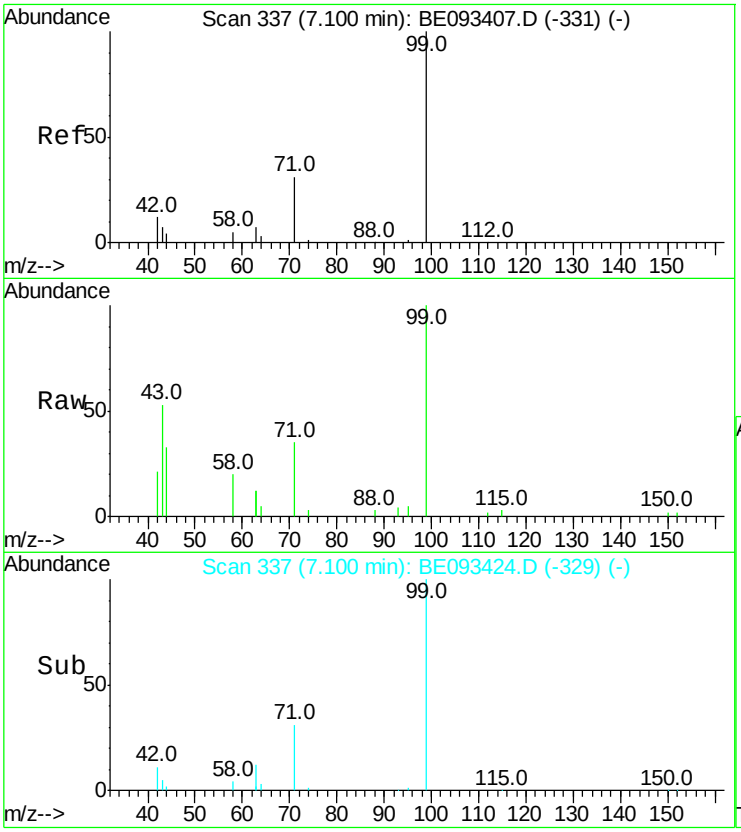


#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:112 Resp: 3920

Ion	Ratio	Lower	Upper
112	100		
64	71.8	56.4	84.6
63	134.1	29.3	43.9#



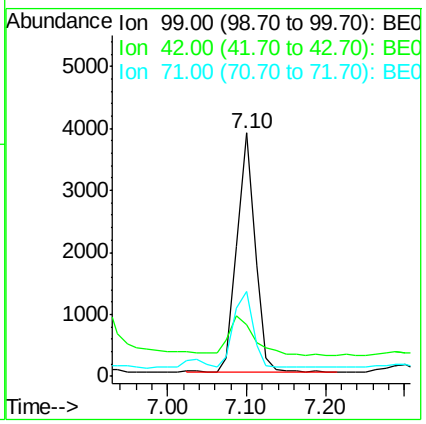


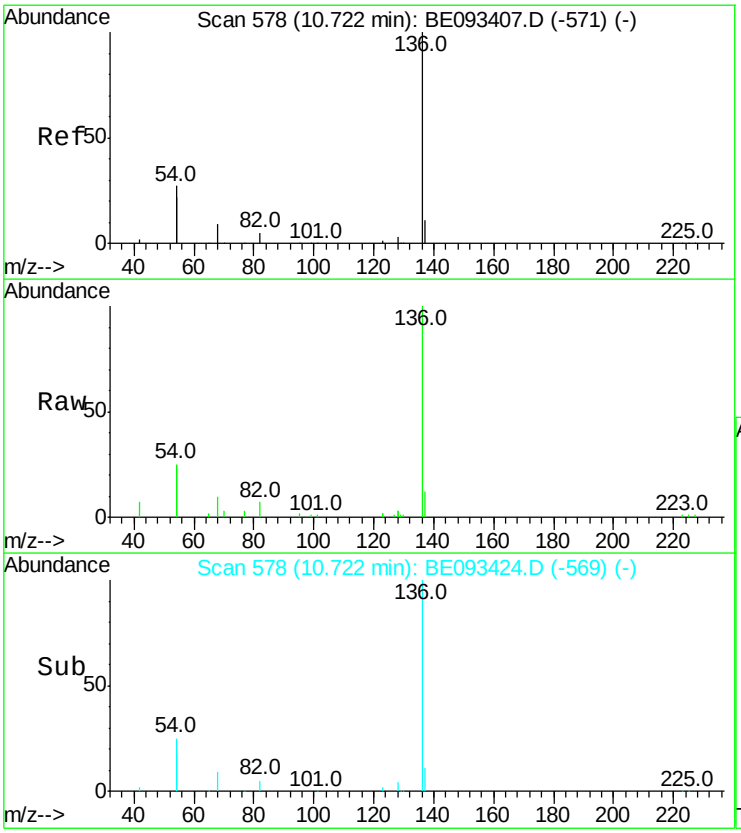
#5
Phenol-d6
Concen: 0.49 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6171

Ion	Ratio	Lower	Upper
99	100		
42	23.7	0.0	0.0#
71	34.4	0.0	0.0#

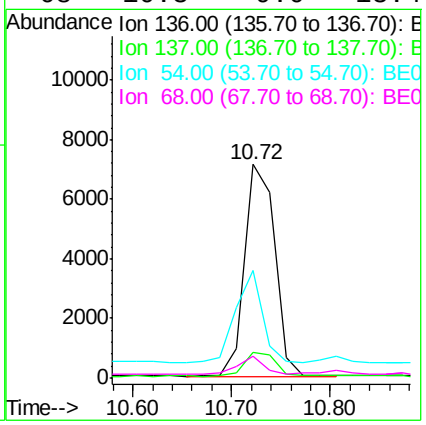


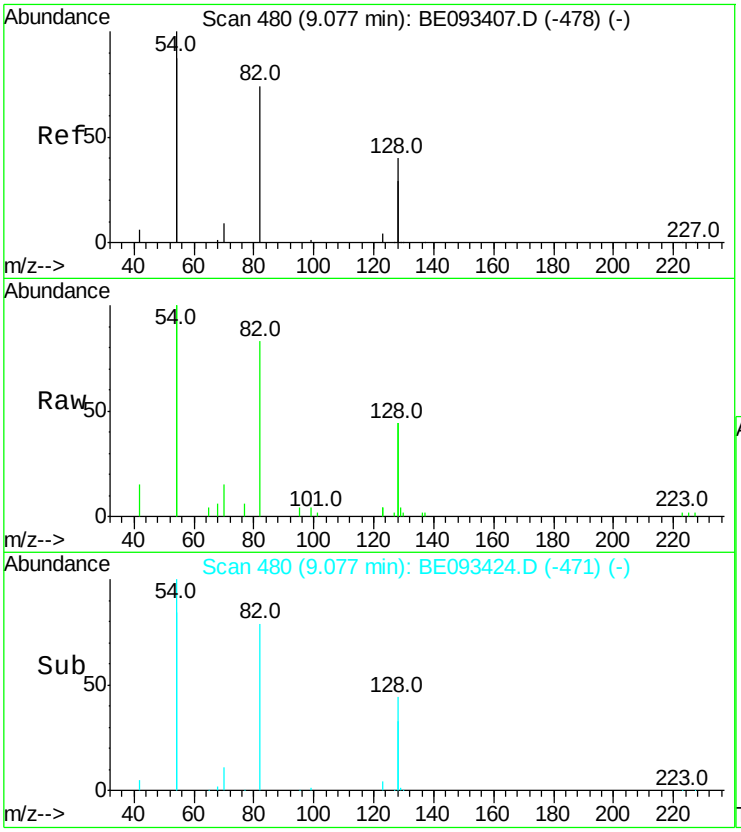


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:136 Resp: 15021

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.8
54	50.1	10.3	15.5#
68	10.3	9.0	13.4



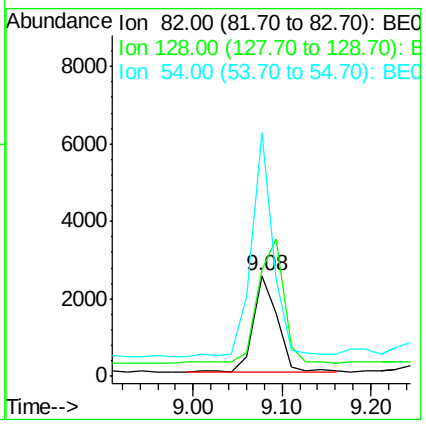


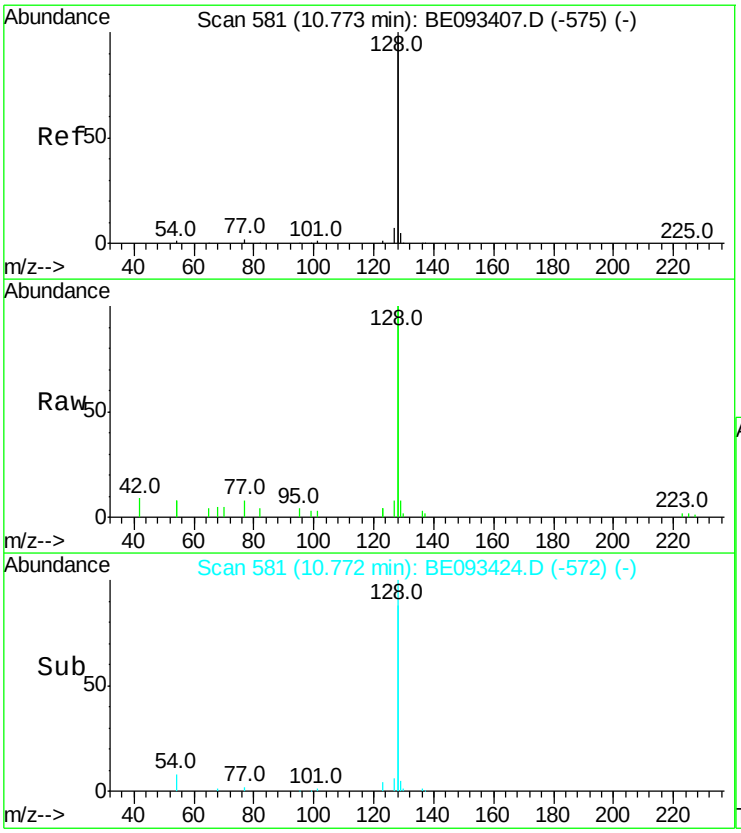
#8
Nitrobenzene-d5
Concen: 0.49 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 4692

Ion	Ratio	Lower	Upper
82	100		
128	105.2	17.0	25.4#
54	241.5	53.8	80.6#

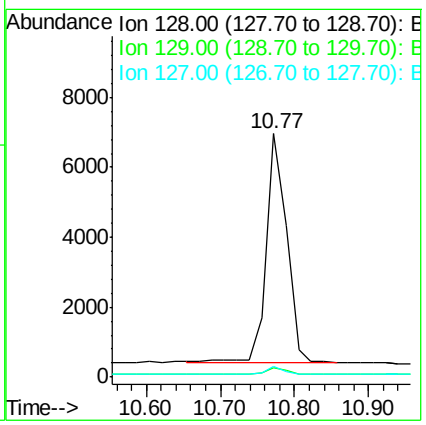


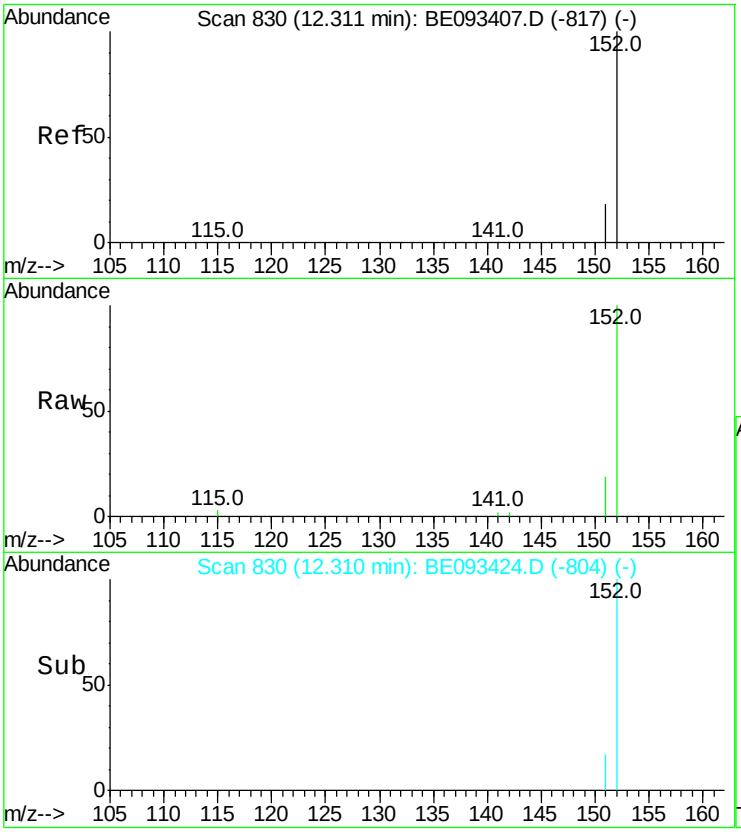


#9
Naphthalene
Concen: 0.08 ng
RT: 10.77 min Scan# 581
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:128 Resp: 12642

Ion	Ratio	Lower	Upper
128	100		
129	3.8	11.4	17.0#
127	4.1	11.2	16.8#



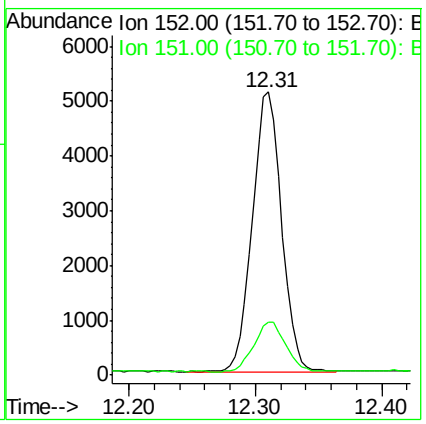


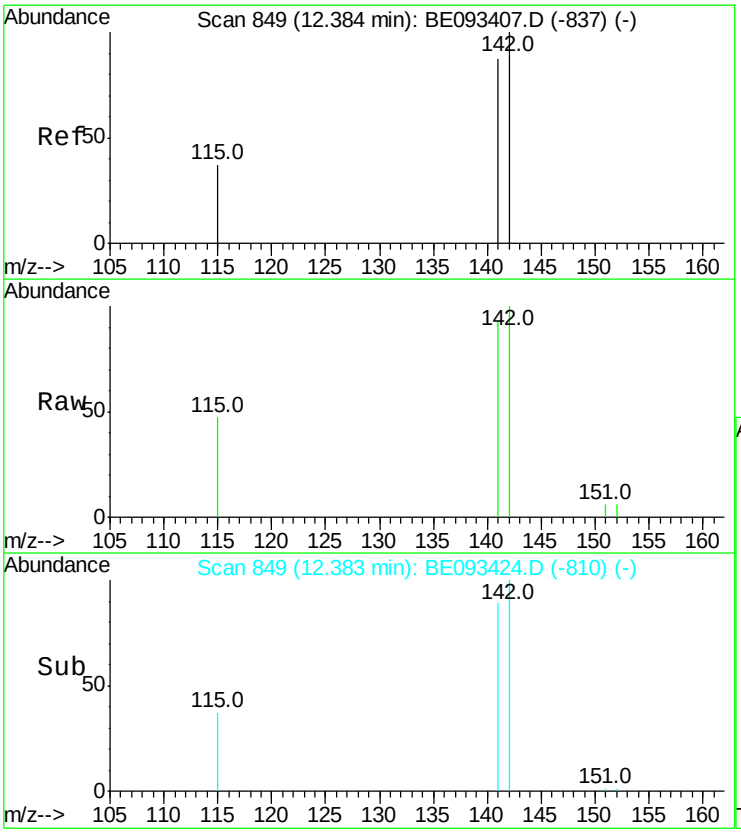
#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.31 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8176

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

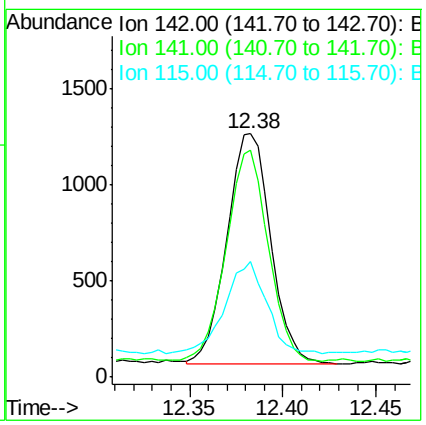


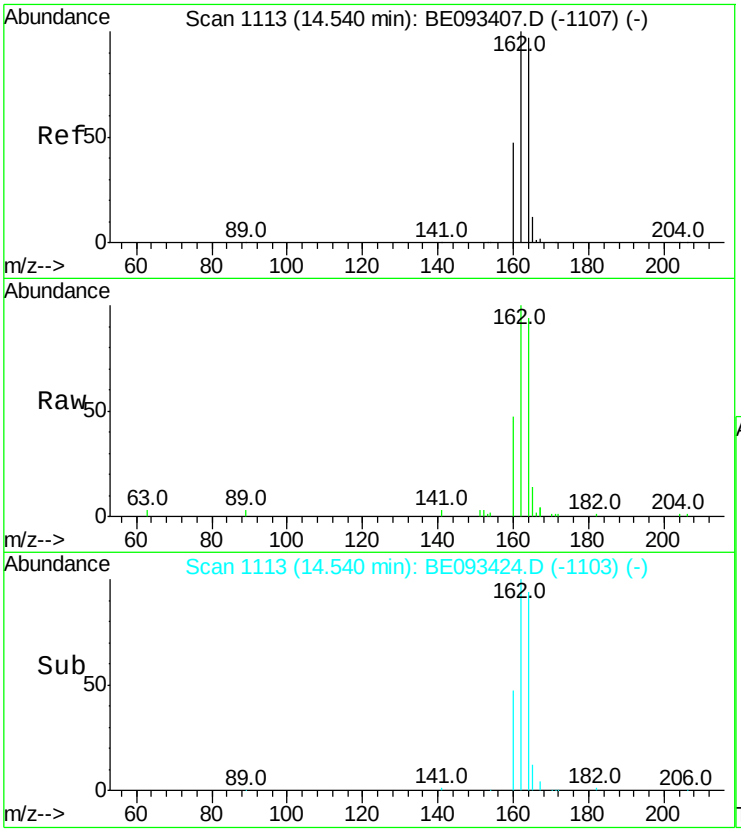


#12
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.38 min Scan# 849
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:142 Resp: 1960

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.6	108.8
115	47.2	32.2	48.2



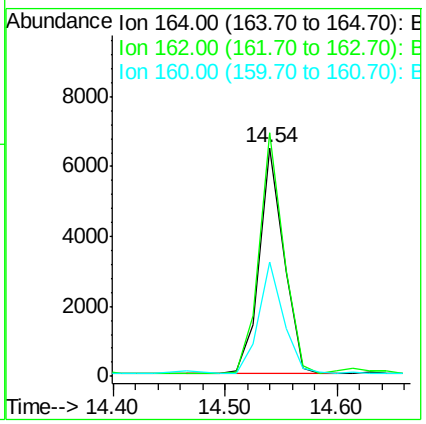


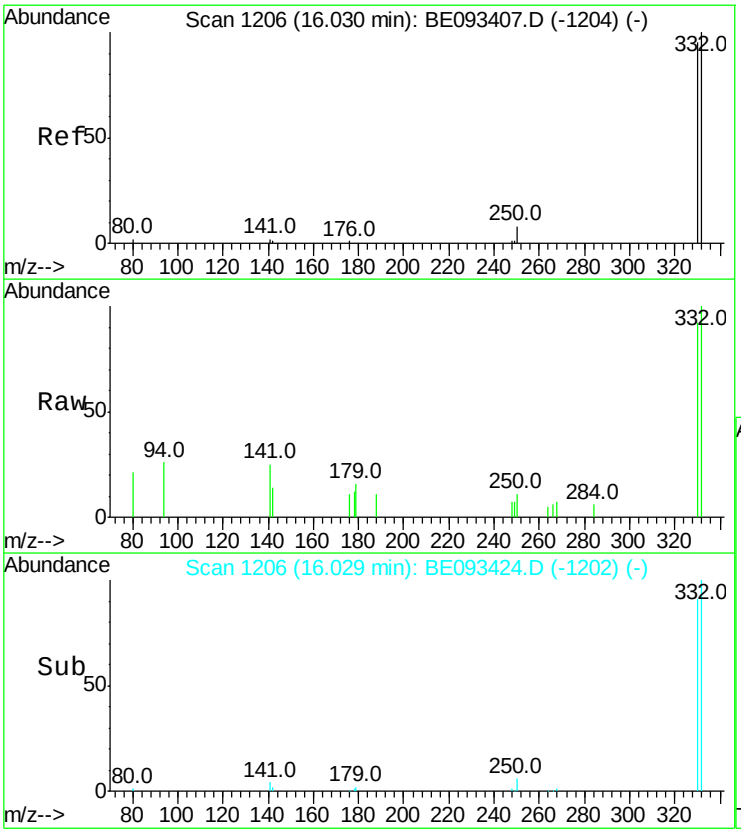
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9789

Ion	Ratio	Lower	Upper
164	100		
162	106.6	84.6	127.0
160	50.1	41.8	62.6

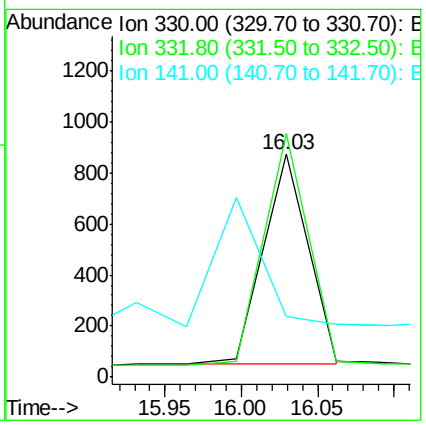


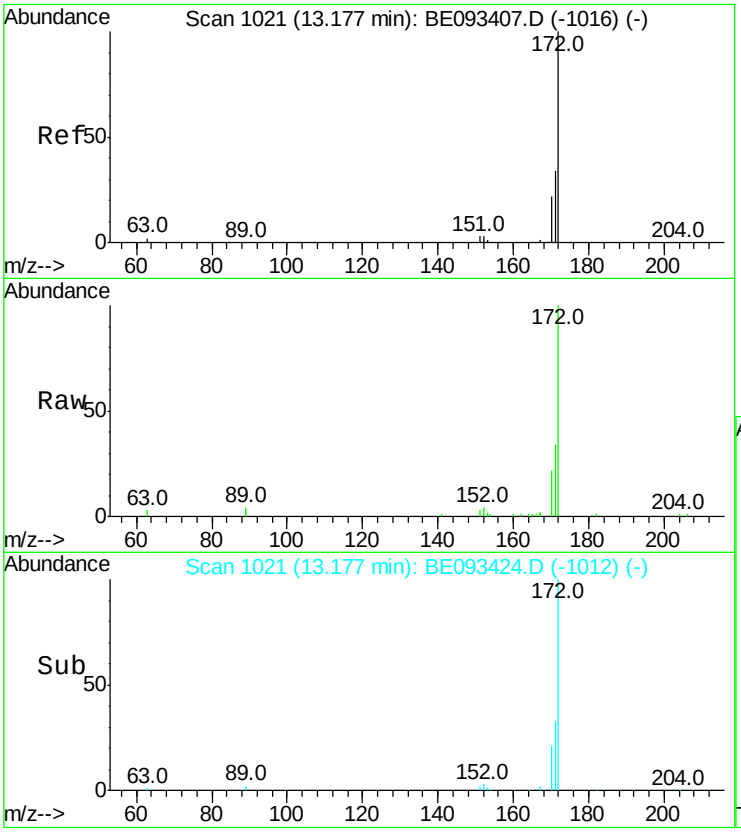


#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:330 Resp: 1680

Ion	Ratio	Lower	Upper
330	100		
332	108.6	77.7	116.5
141	0.0	56.2	84.4#



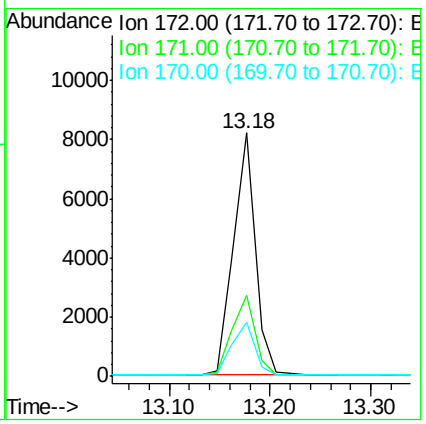


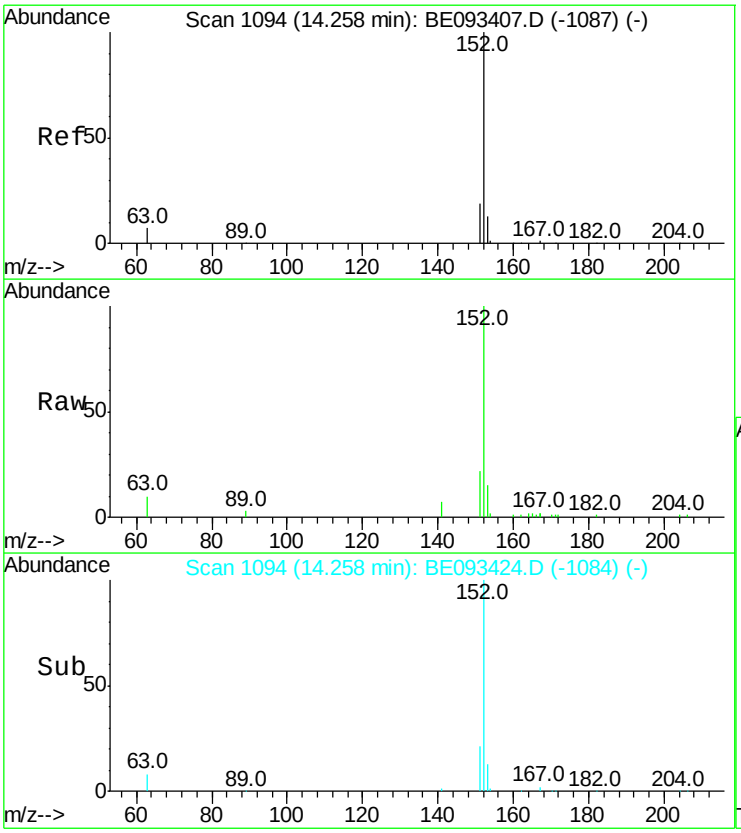
#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 12215

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.8	44.6
170	22.1	20.7	31.1

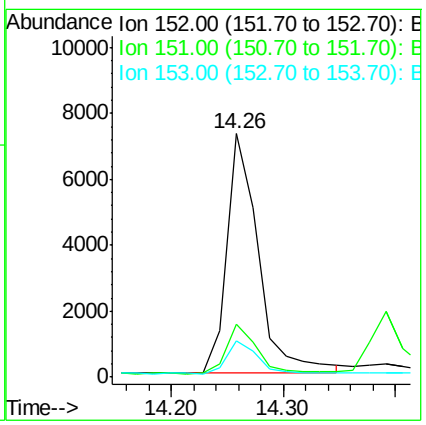


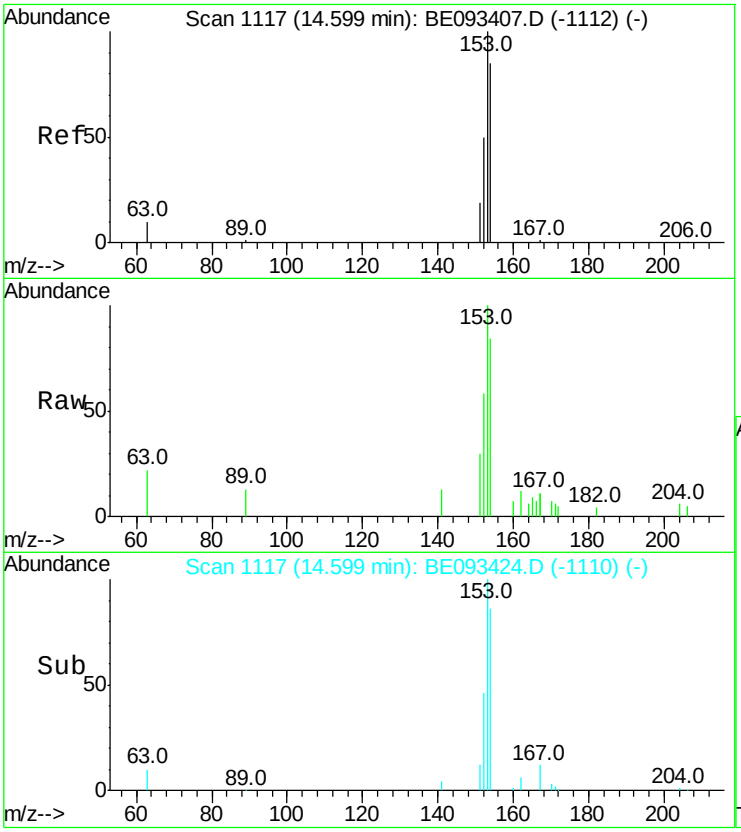


#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:152 Resp: 14322

Ion	Ratio	Lower	Upper
152	100		
151	20.5	4.0	6.0#
153	13.3	10.3	15.5



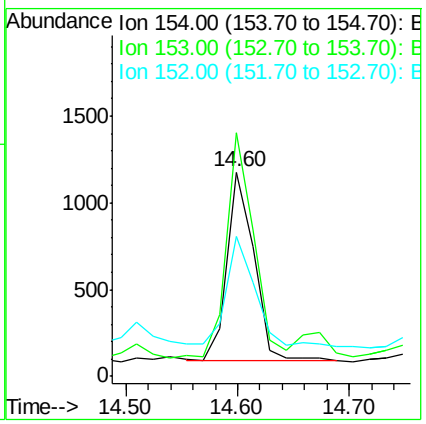


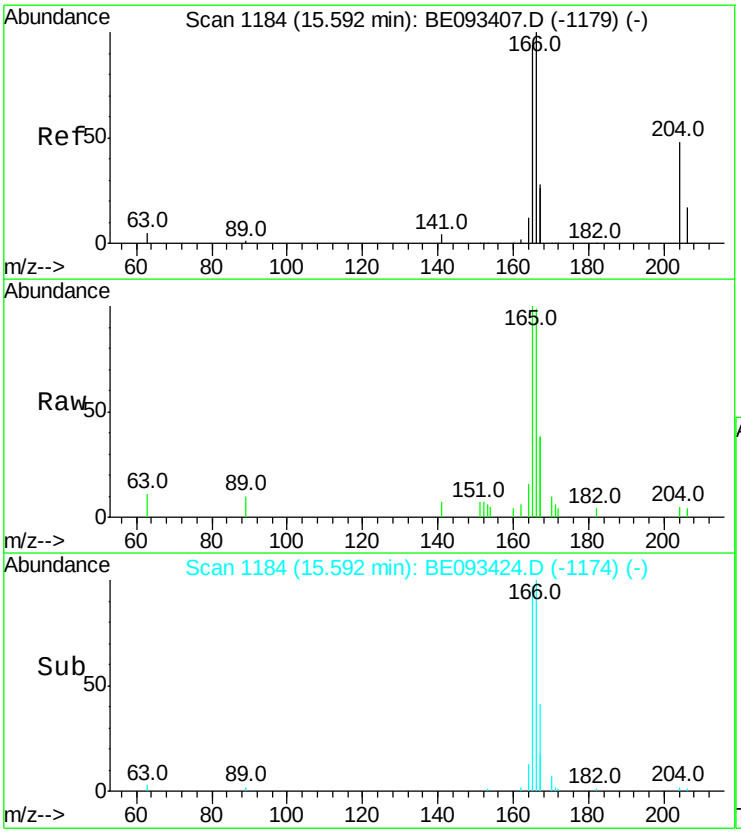
#17
Acenaphthene
Concen: 0.06 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1805

Ion	Ratio	Lower	Upper
154	100		
153	121.2	91.2	136.8
152	64.0	44.8	67.2

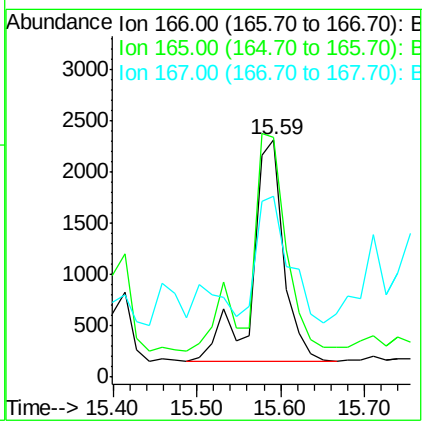


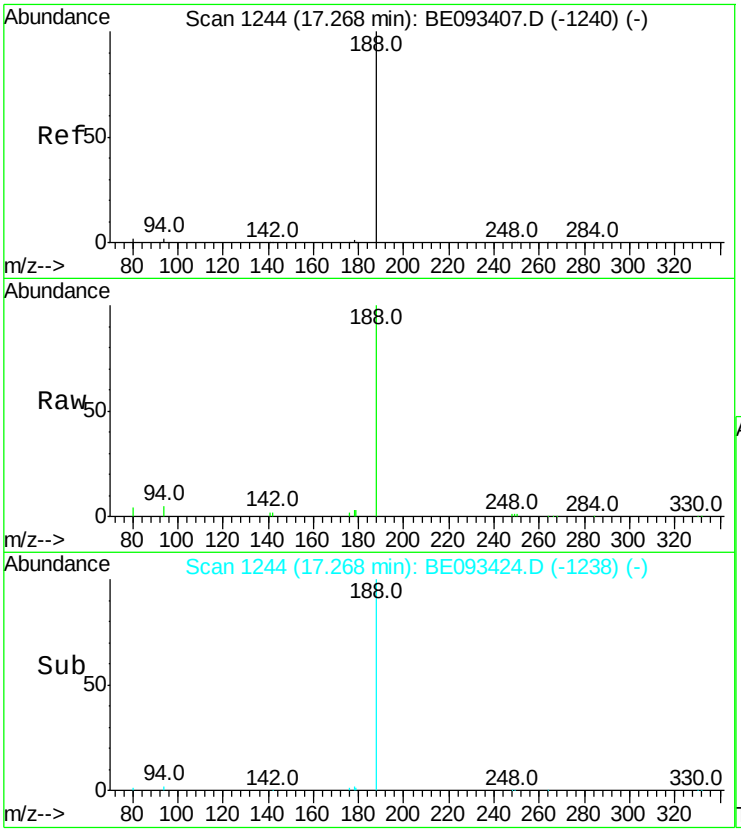


#18
Fluorene
Concen: 0.14 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:166 Resp: 5760

Ion	Ratio	Lower	Upper
166	100		
165	110.2	78.6	117.8
167	58.2	11.1	16.7#



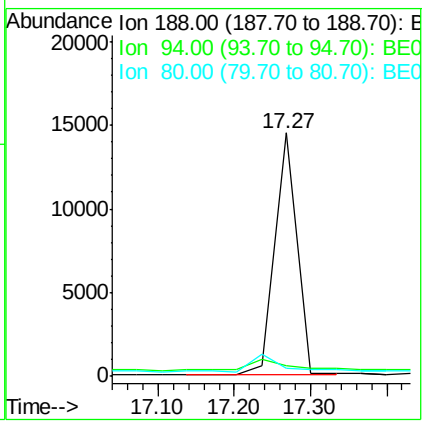


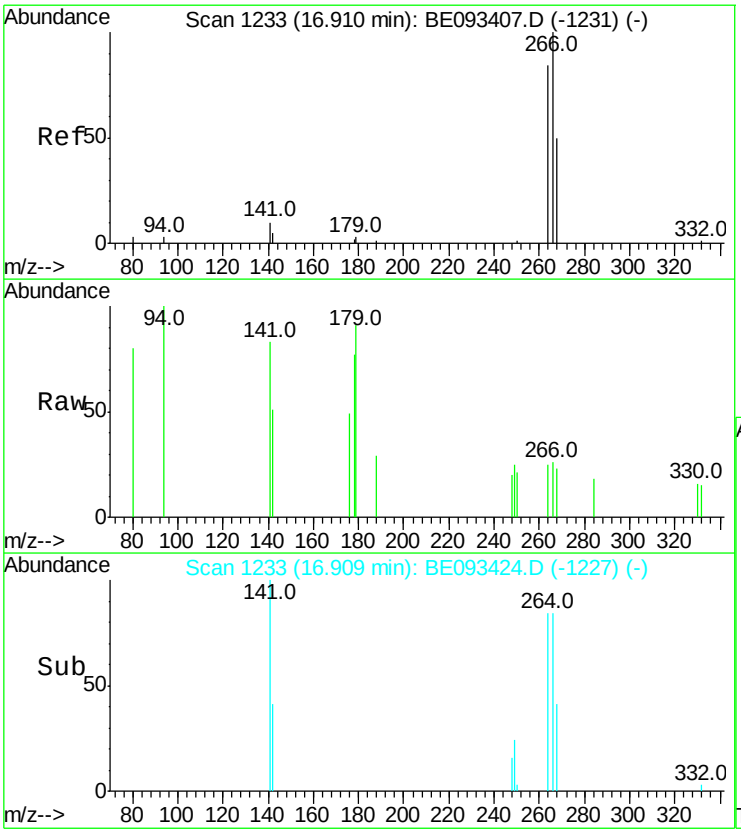
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29445

Ion	Ratio	Lower	Upper
188	100		
94	4.6	11.3	16.9#
80	3.6	11.7	17.5#

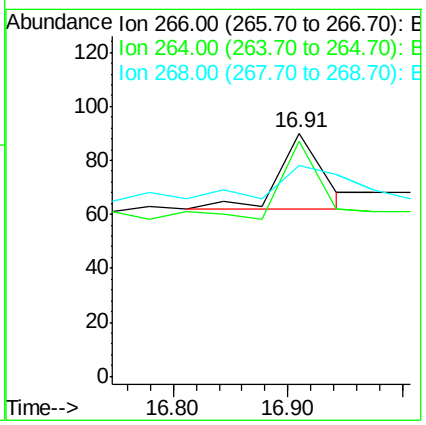


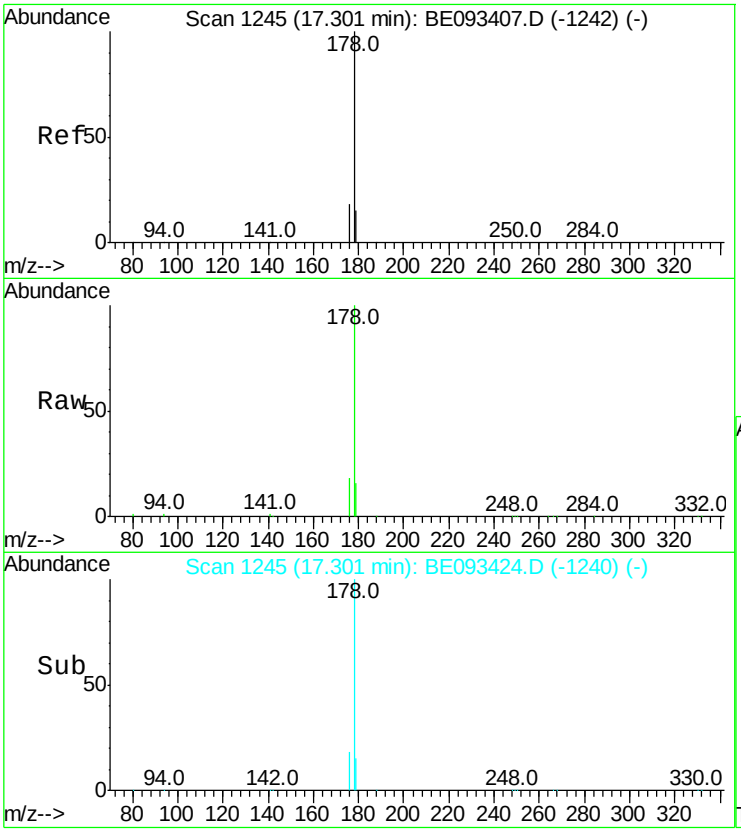


#22
Pentachlorophenol
Concen: Below Cal
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:266 Resp: 74

Ion	Ratio	Lower	Upper
266	100		
264	96.7	58.2	87.2#
268	86.7	71.9	107.9



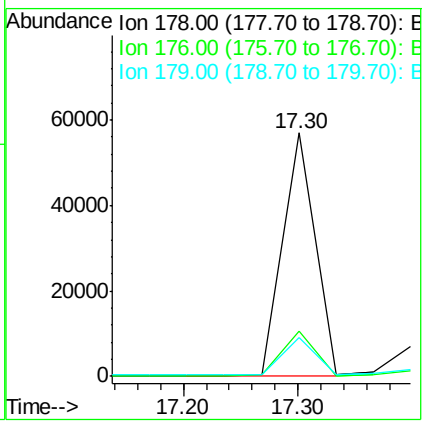


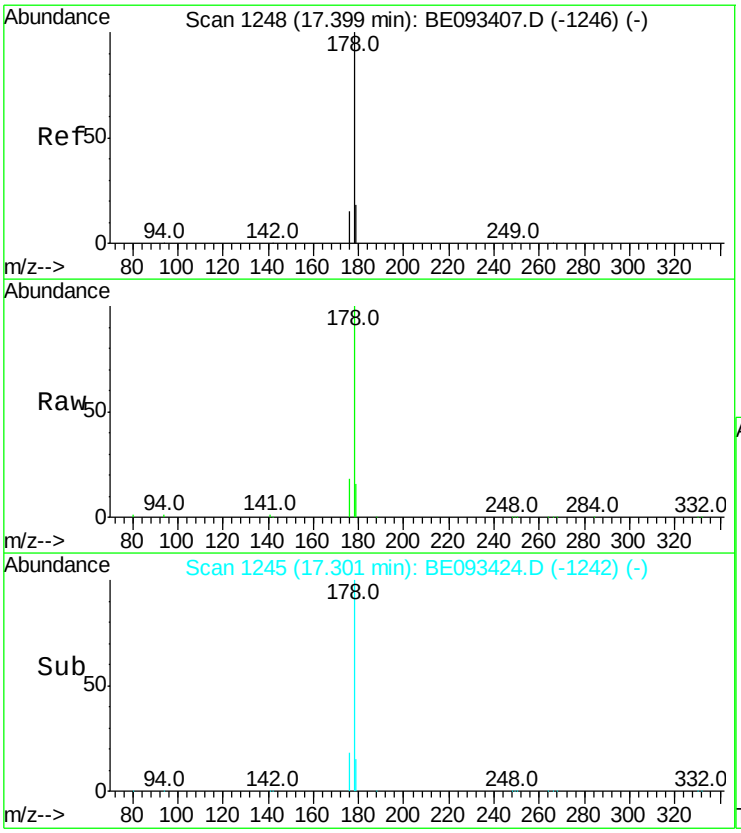
#23
Phenanthrene
Concen: 1.05 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 112207

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.8	12.7	19.1

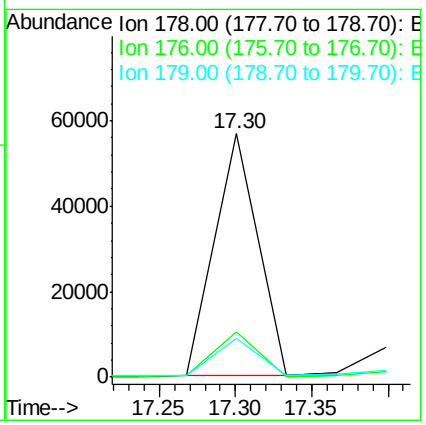


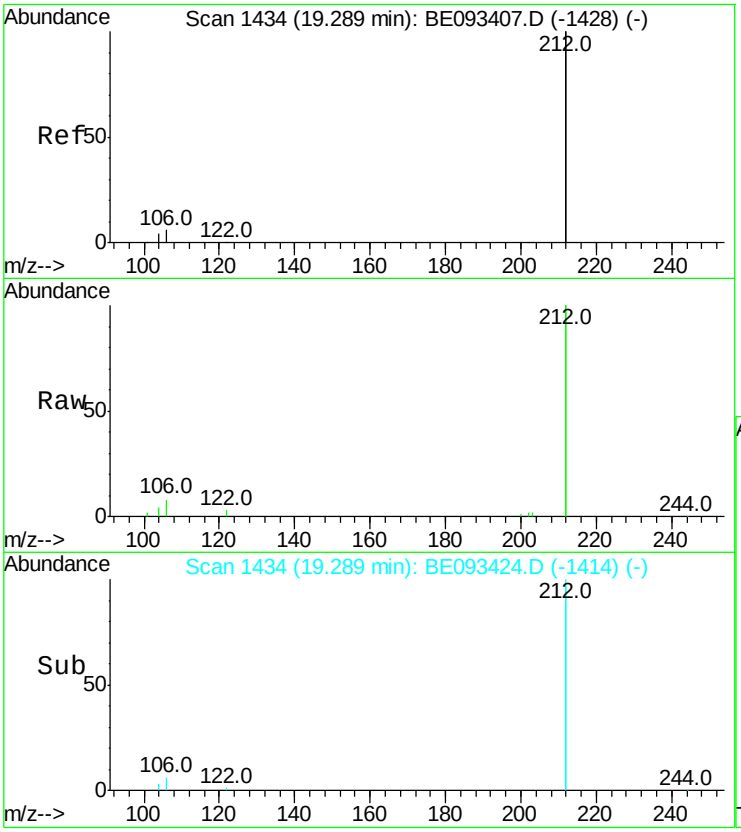


#24
Anthracene
Concen: 1.69 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:178 Resp: 111164

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	16.1	12.0	18.0



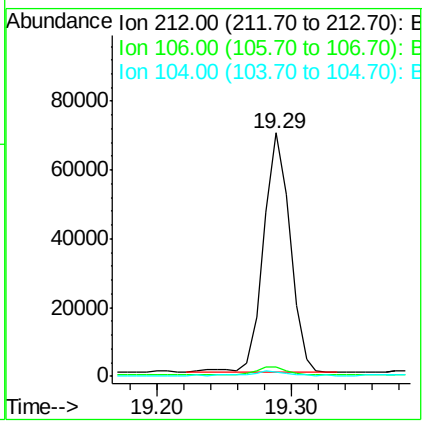


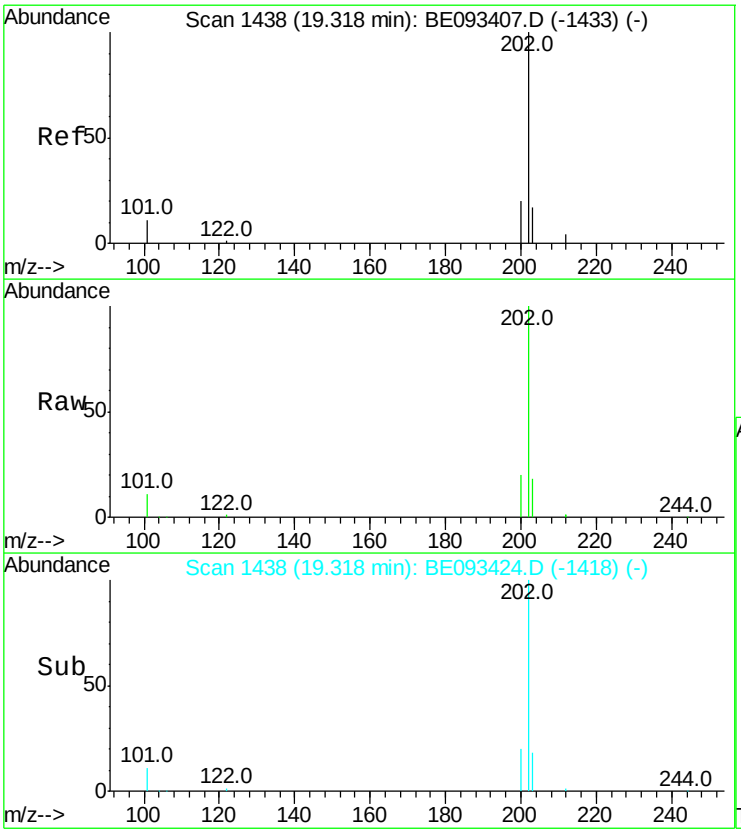
#25
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 94664

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.4	3.6#
104	2.5	1.6	2.4#

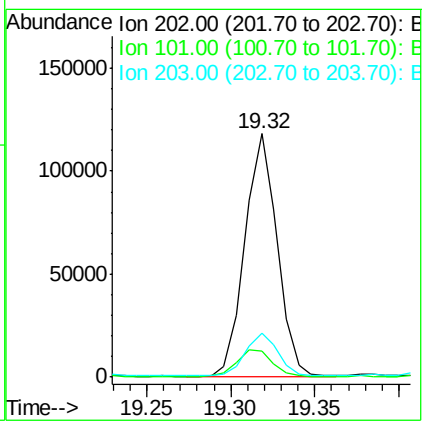


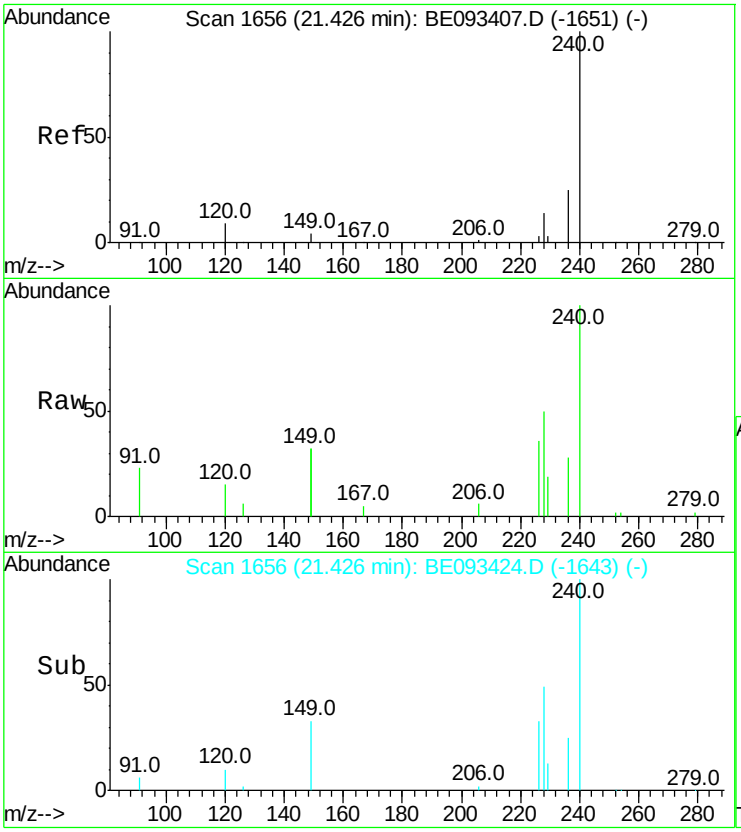


#26
Fluoranthene
Concen: 1.56 ng
RT: 19.32 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:202 Resp: 157005

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.7	14.4	21.6



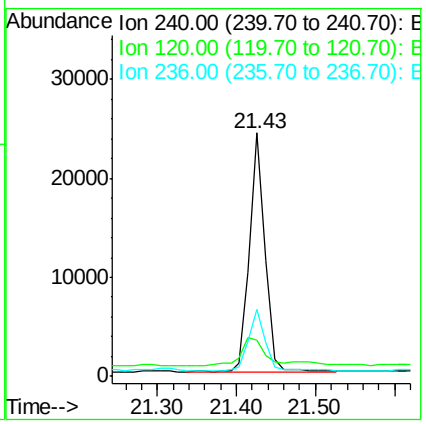


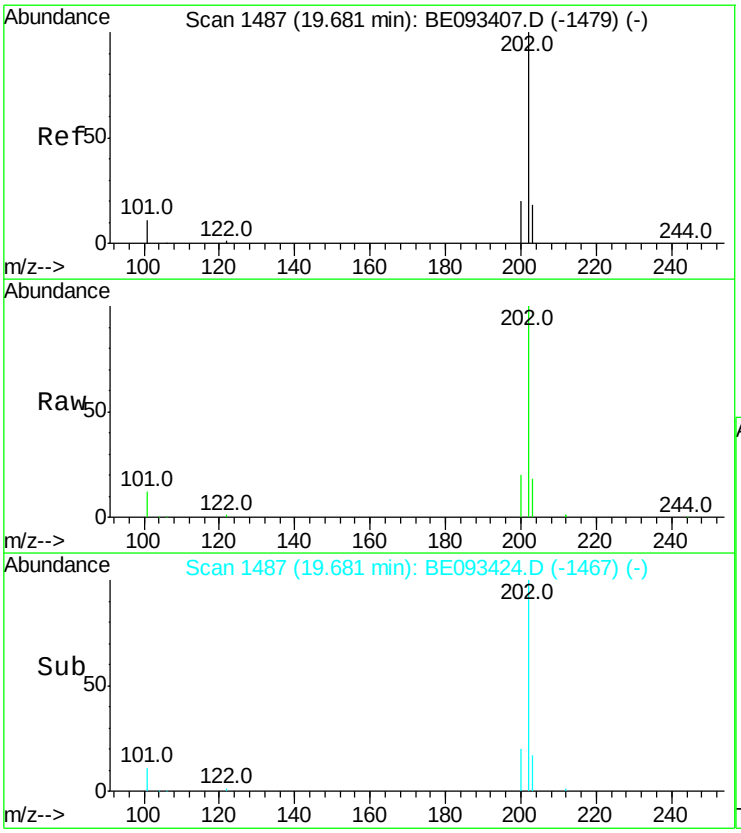
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 32384

Ion	Ratio	Lower	Upper
240	100		
120	14.7	4.6	7.0#
236	27.6	20.8	31.2

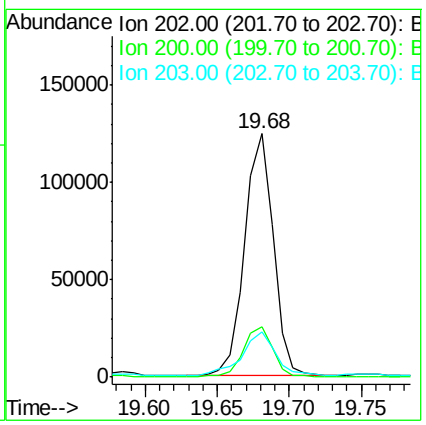


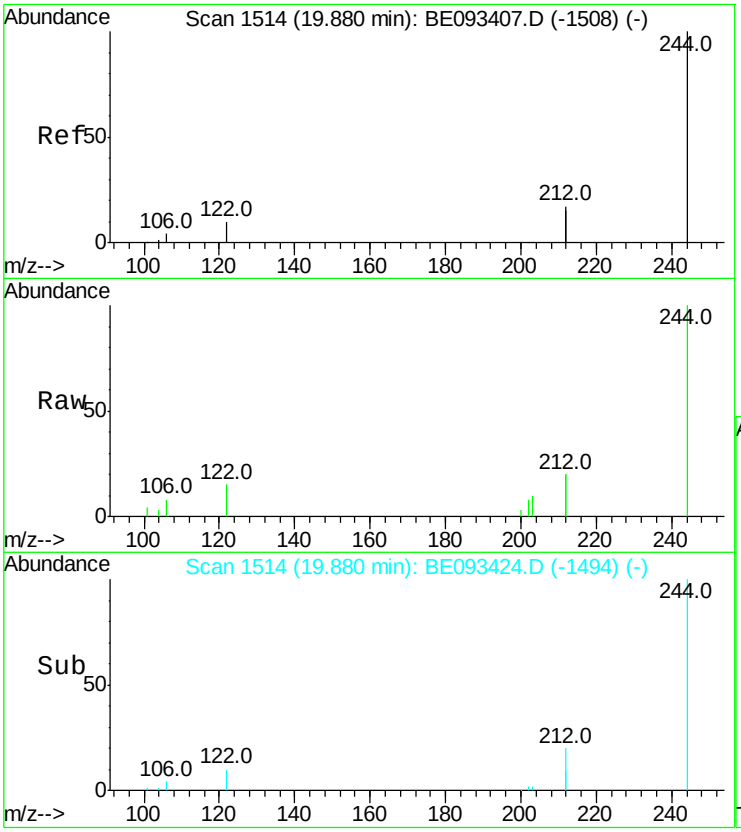


#28
Pyrene
Concen: 1.91 ng
RT: 19.68 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:202 Resp: 173906

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	20.9	13.7	20.5#



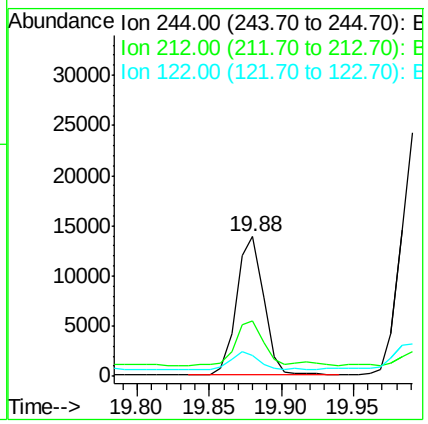


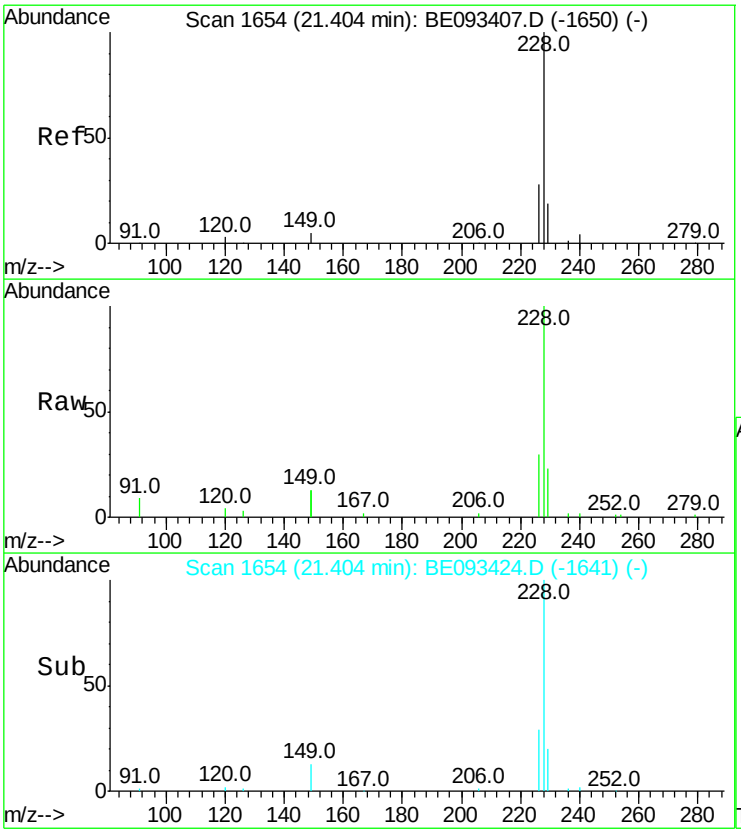
#29
Terphenyl-d14
Concen: 0.31 ng
RT: 19.88 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 17823

Ion	Ratio	Lower	Upper
244	100		
212	39.4	10.6	16.0#
122	15.0	15.4	23.0#

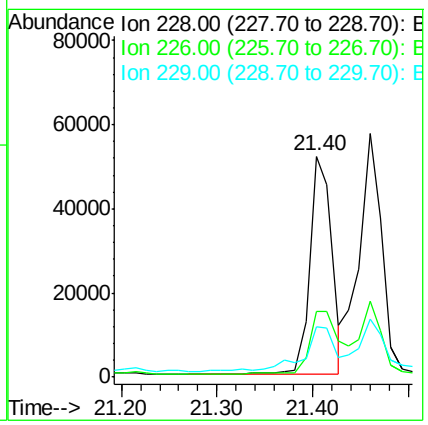


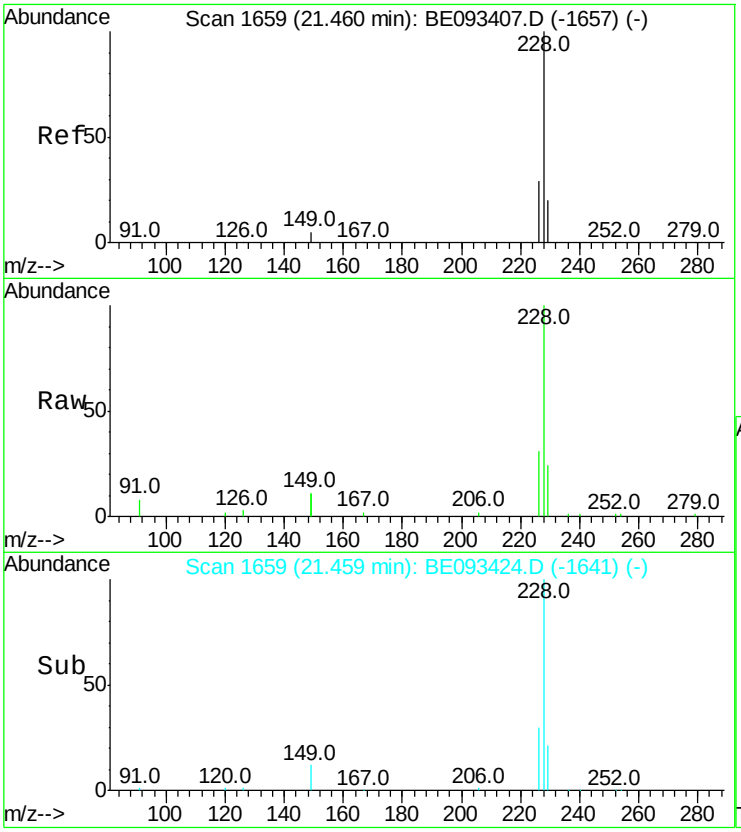


#30
Benzo(a)anthracene
Concen: 0.95 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:228 Resp: 83002

Ion	Ratio	Lower	Upper
228	100		
226	29.8	19.7	29.5#
229	22.8	19.2	28.8



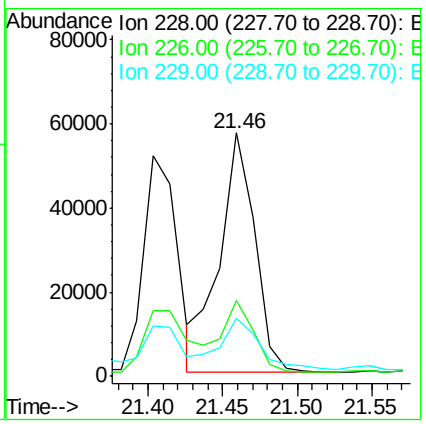


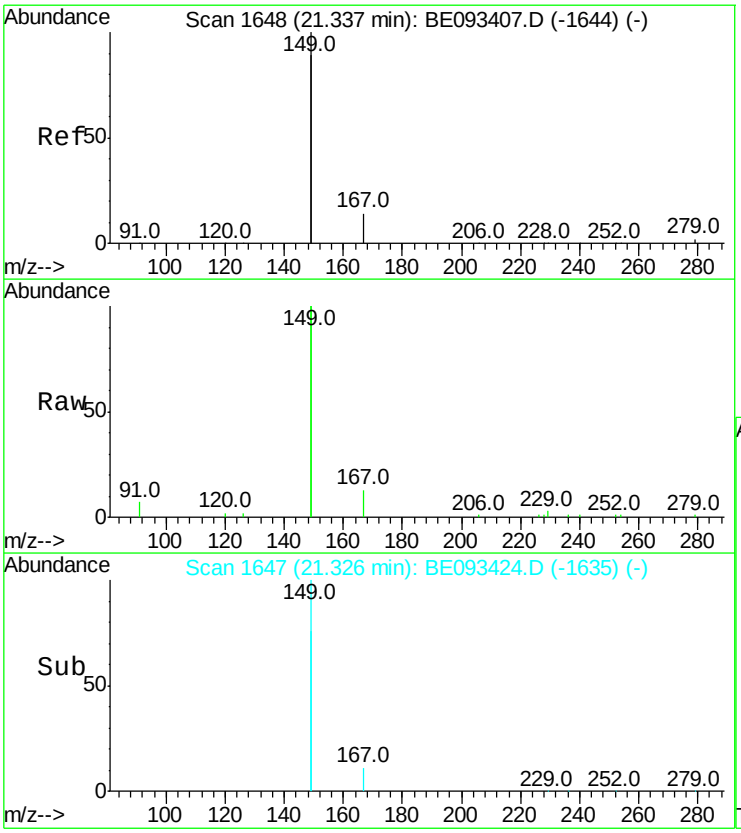
#31
Chrysene
Concen: 1.02 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 93709

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.5	32.3
229	23.7	18.6	28.0

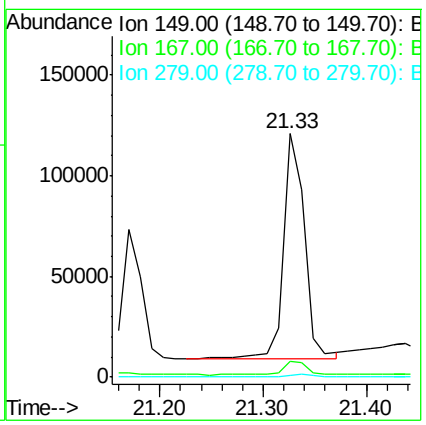


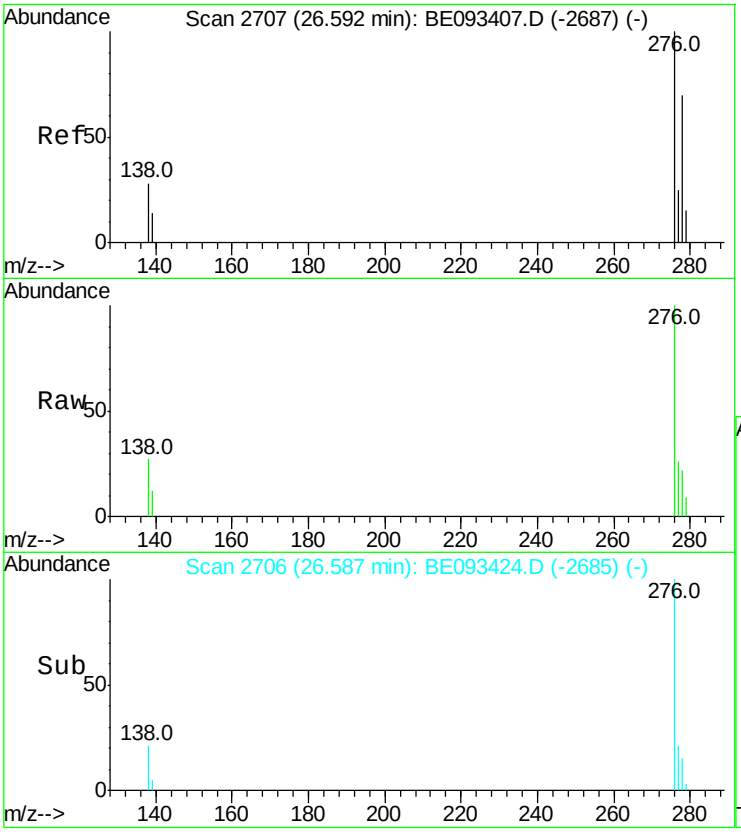


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.24 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:149 Resp: 155768

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	0.9	2.2	3.4#



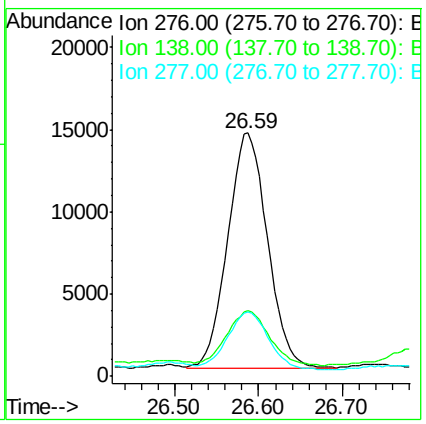


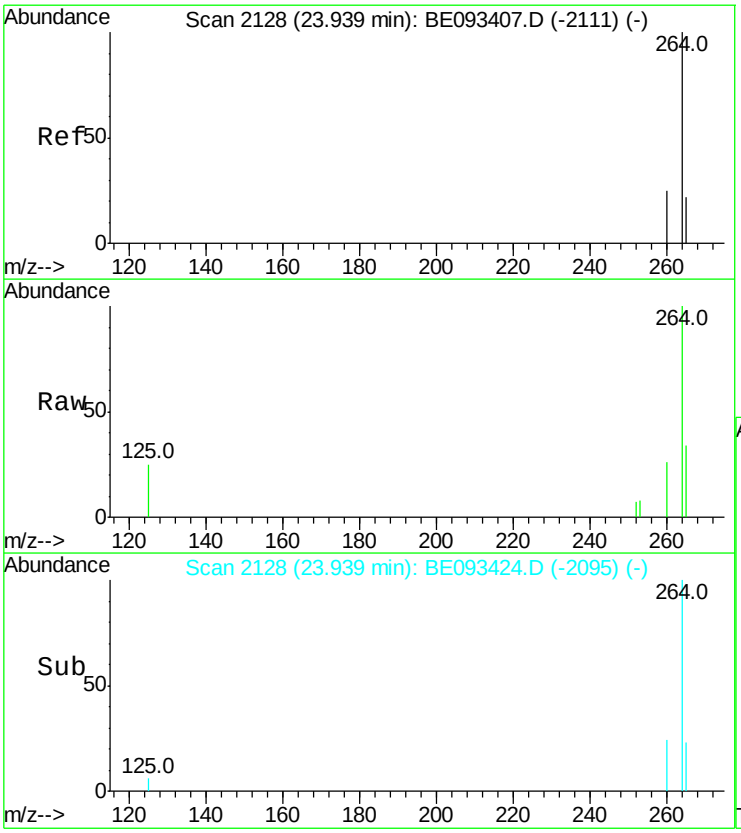
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.58 ng
RT: 26.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 46615

Ion	Ratio	Lower	Upper
276	100		
138	24.6	27.4	41.2#
277	25.4	20.1	30.1

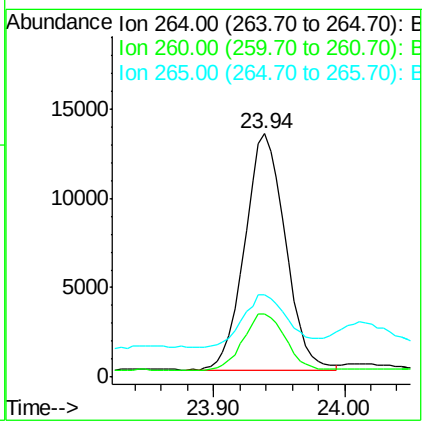


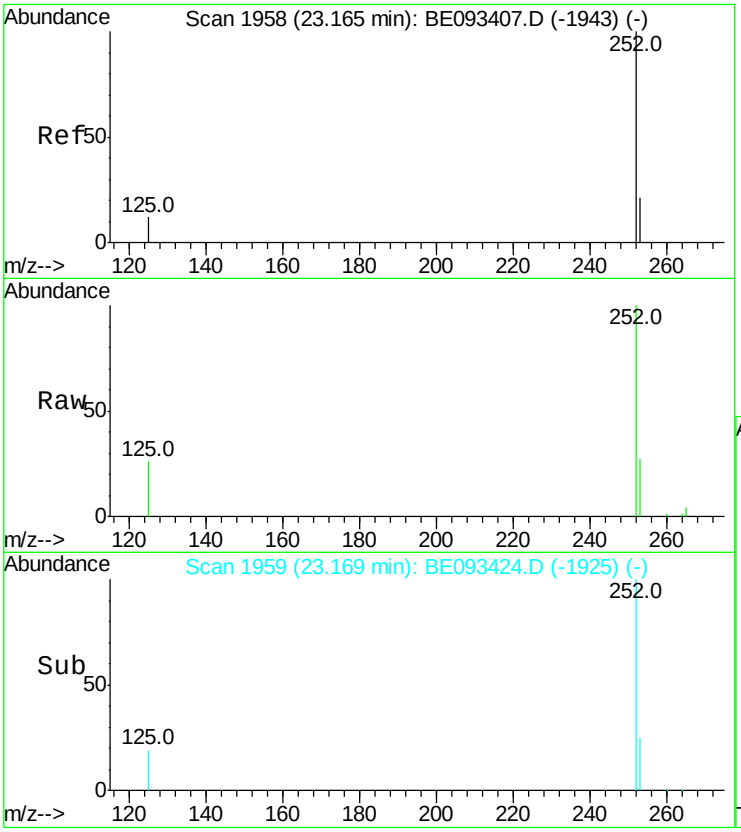


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:264 Resp: 28425

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.0	31.4
265	33.7	24.6	36.8



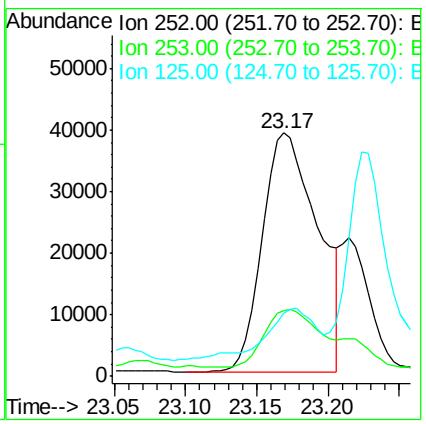


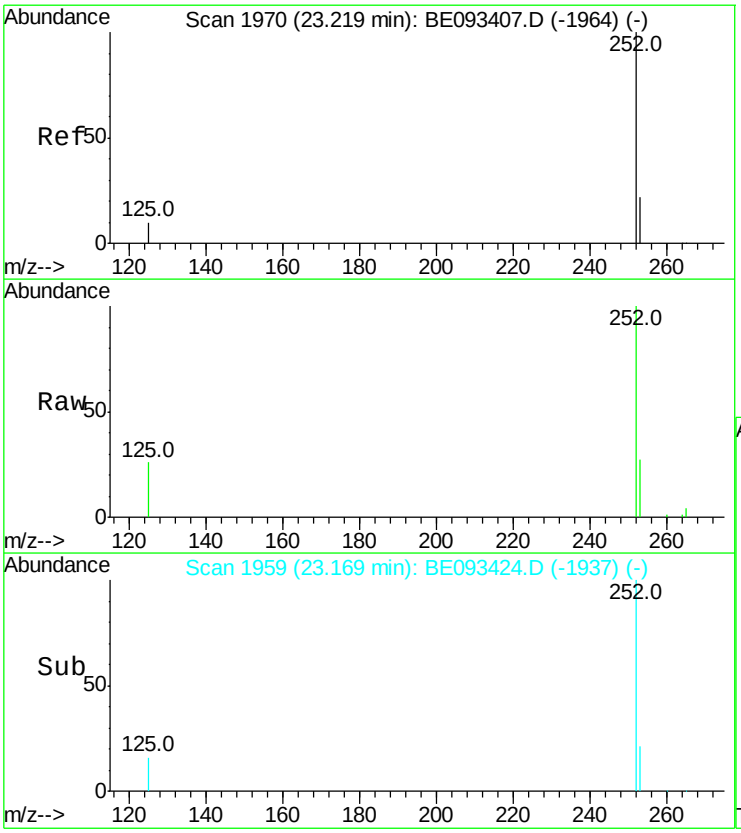
#35
Benzo(b)fluoranthene
Concen: 1.15 ng
RT: 23.17 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 105271

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.5	27.7
125	25.8	13.4	20.0#

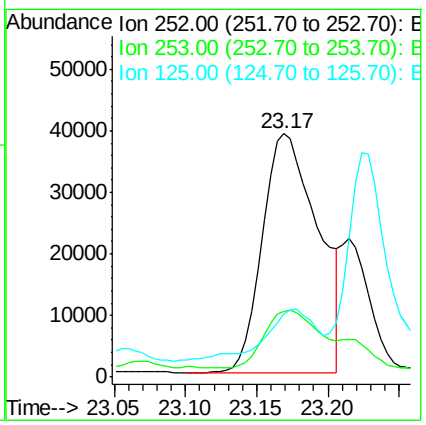


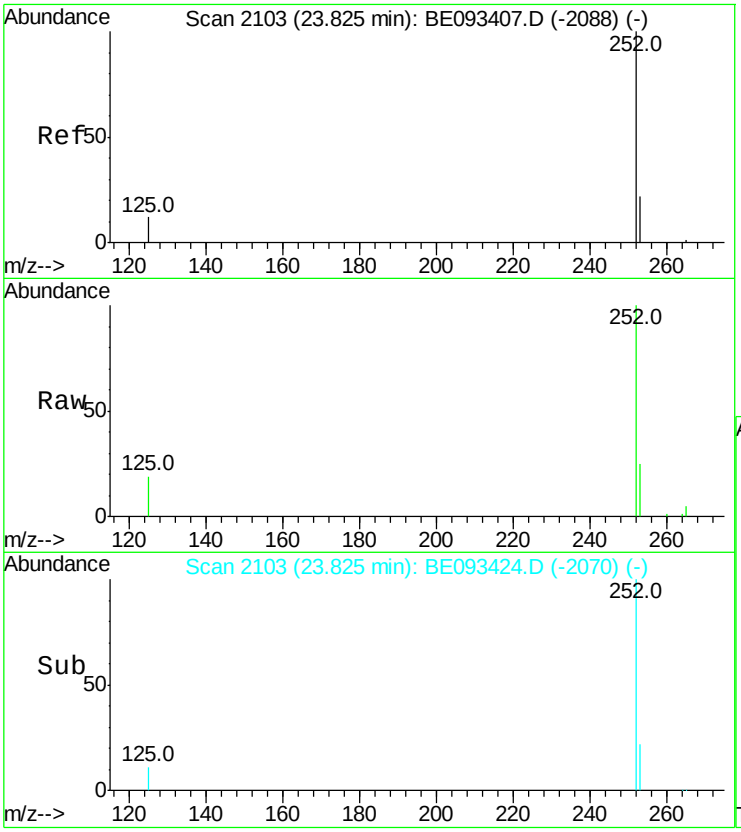


#36
Benzo(k)fluoranthene
Concen: 1.16 ng
RT: 23.17 min Scan# 1959
Delta R.T. -0.05 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:252 Resp: 105271

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.3	30.5
125	25.8	12.2	18.4#



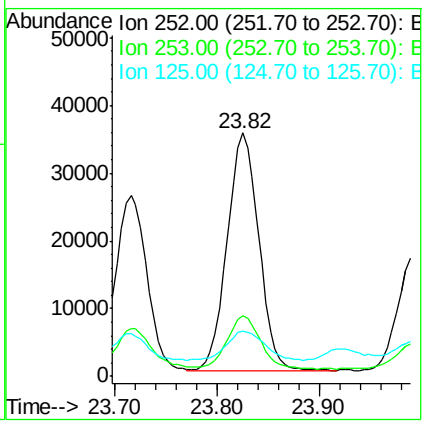


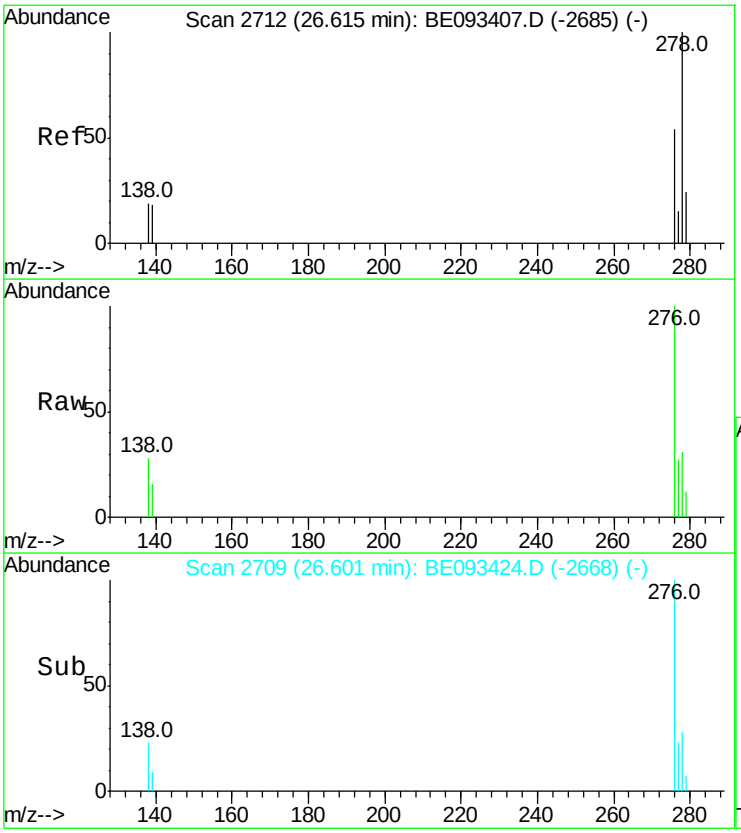
#37
Benzo(a)pyrene
Concen: 0.93 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 74721

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	18.6	14.6	21.8

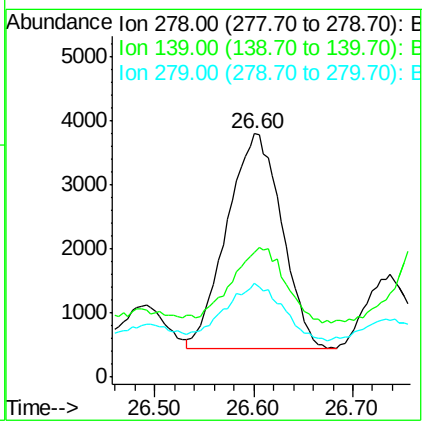


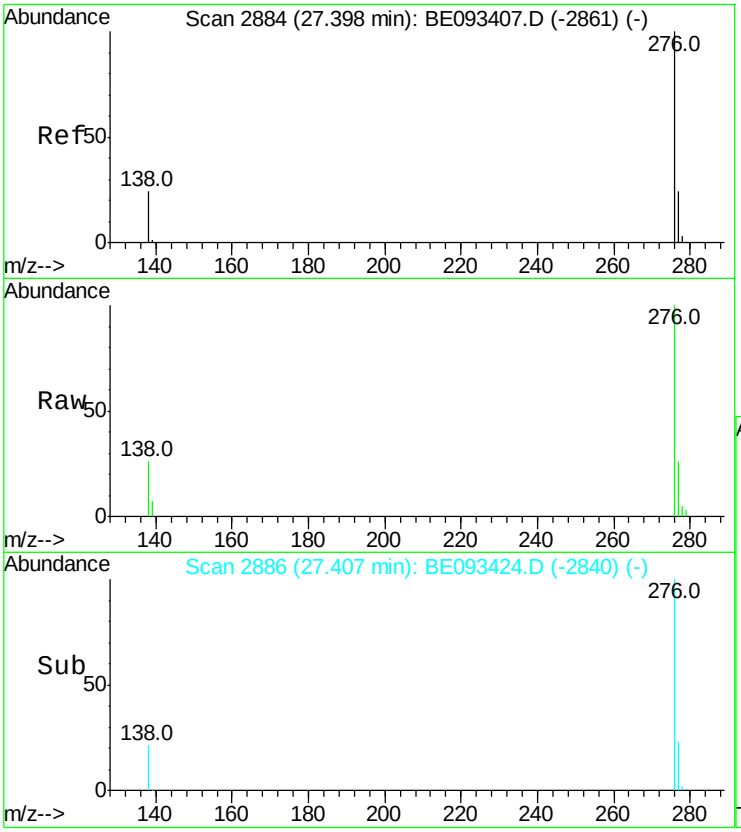


#38
Dibenzo(a,h)anthracene
Concen: 0.16 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Tgt Ion:278 Resp: 12871

Ion	Ratio	Lower	Upper
278	100		
139	51.0	21.4	32.0#
279	38.5	22.2	33.2#





#39
Benzo(g,h,i)perylene
Concen: 0.64 ng
RT: 27.41 min Scan# 2886
Delta R.T. 0.01 min
Lab File: BE093424.D
Acq: 3 Jul 2017 11:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 50178

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.2	31.8
138	26.2	24.5	36.7