Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
Data File : BE093500.D
Acq On : 20 Jul 2017 14:17
Operator : SJ/JU
Sample : I4205-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 20 18:07:26 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	7.95	152	3860	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22431	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	16843	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	34946	0.40	ng	0.00
27) Chrysene-d12	21.43	240	31580	0.40	ng	0.00
34) Perylene-d12	23.94	264	28506	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	524	0.04	ng	0.00
5) Phenol-d6	7.12	99	1844	0.11	ng	0.02
8) Nitrobenzene-d5	9.08	82	7026	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	6034	0.17	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	544	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	10698	0.16	ng	0.00
25) Fluoranthene-d10	19.29	212	32420	0.08	ng	0.00
29) Terphenyl-d14	19.87	244	8442	0.15	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.82	42	165	0.153	ng	# 1
6) bis(2-Chloroethyl)ether	7.33	93	509	0.039	ng	# 1
9) Naphthalene	10.77	128	158695	0.675	ng	# 82
12) 2-Methylnaphthalene	12.38	142	8372	0.212	ng	# 37
16) Acenaphthylene	14.27	152	22966	0.327	ng	# 1
17) Acenaphthene	14.60	154	68770	1.338	ng	# 57
18) Fluorene	15.59	166	151735	2.151	ng	# 47
23) Phenanthrene	17.30	178	118835	0.936	ng	# 78
24) Anthracene	17.30	178	101309	1.301	ng	# 73
26) Fluoranthene	19.32	202	13331	0.112	ng	# 78
28) Pyrene	19.68	202	27810	0.313	ng	# 61
31) Chrysene	21.46	228	2243	0.025	ng	# 34
32) Bis(2-ethylhexyl)phthalate	21.33	149	13262	0.108	ng	# 71

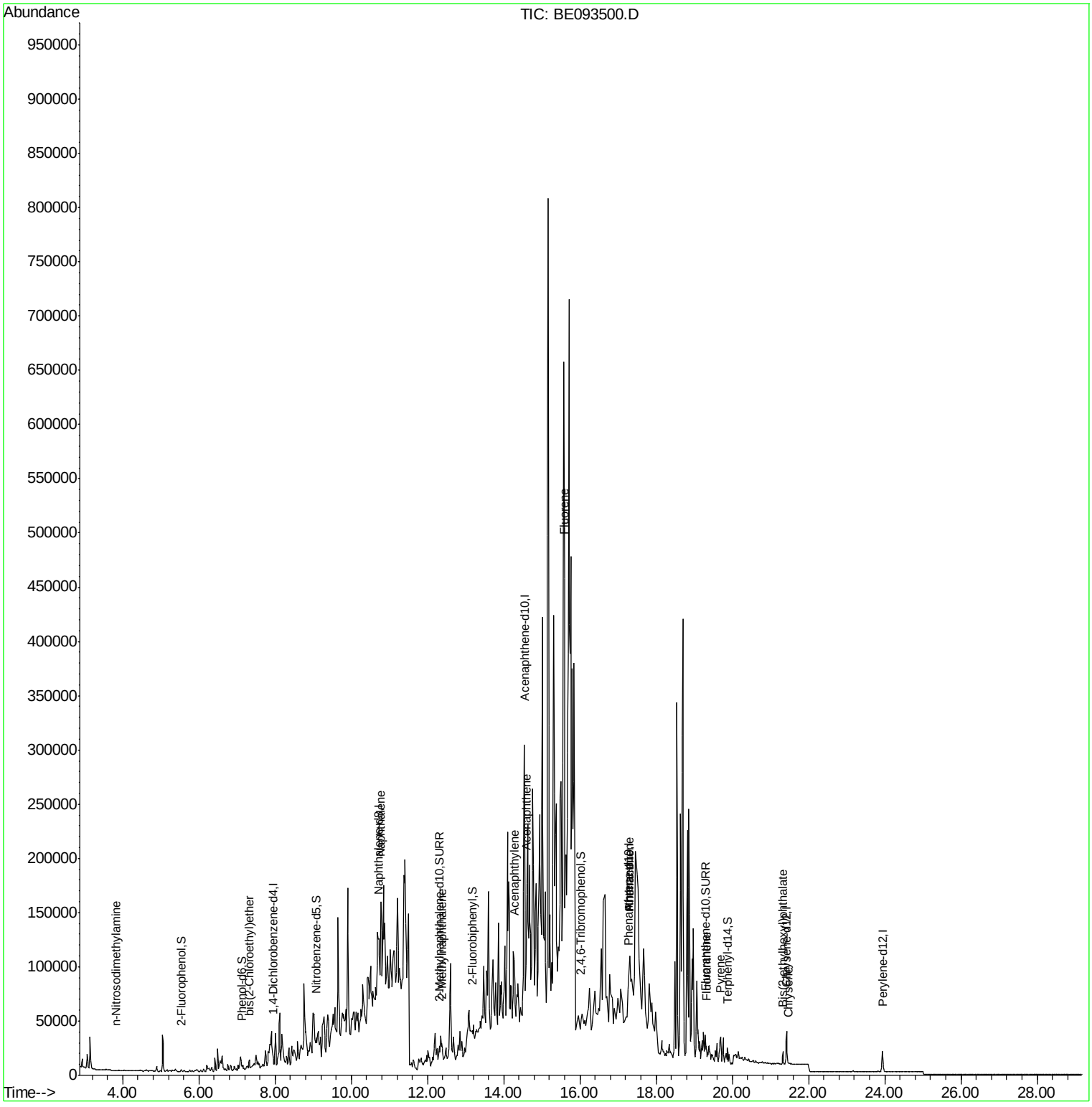
(#) = qualifier out of range (m) = manual integration (+) = signals summed

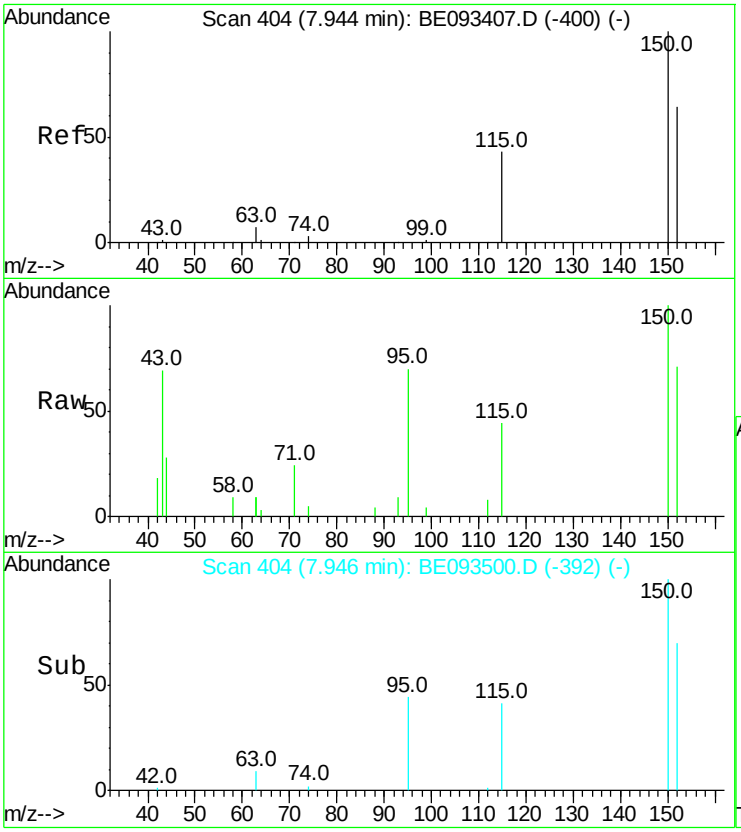
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
Data File : BE093500.D
Acq On : 20 Jul 2017 14:17
Operator : SJ/JU
Sample : I4205-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 20 18:07:26 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



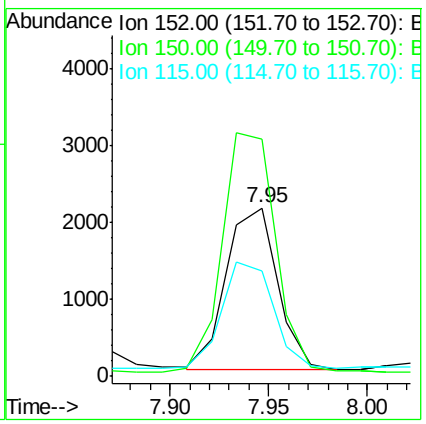


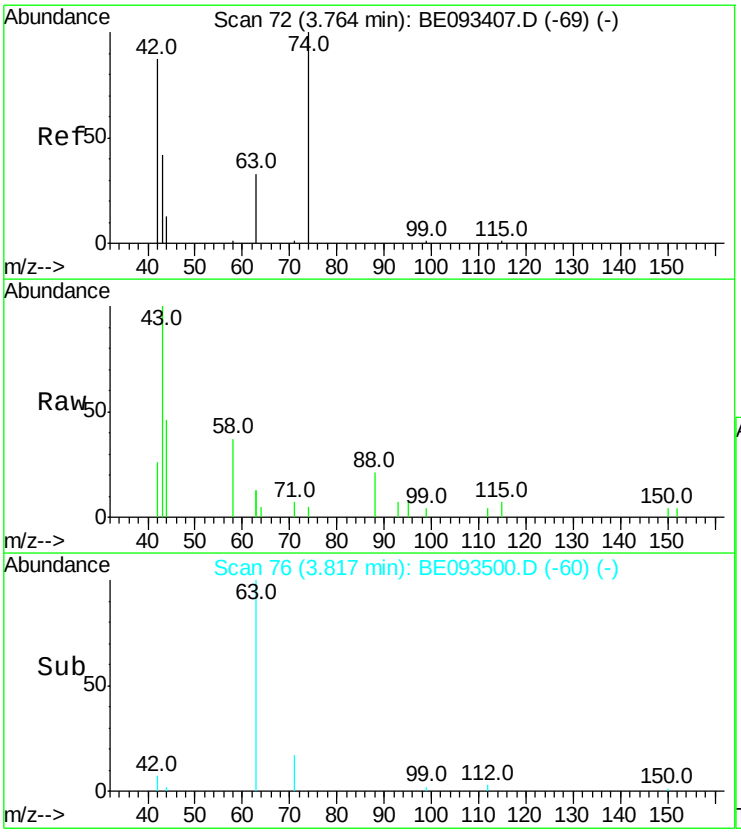
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3860

Ion	Ratio	Lower	Upper
152	100		
150	140.9	125.1	187.7
115	62.5	55.7	83.5

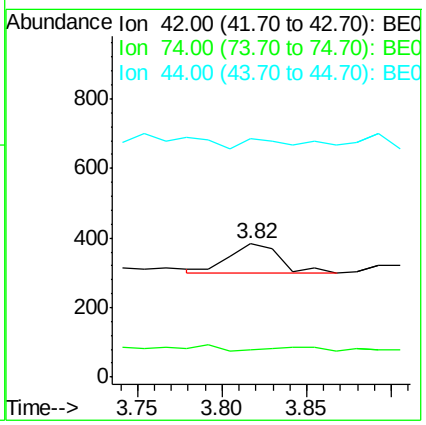


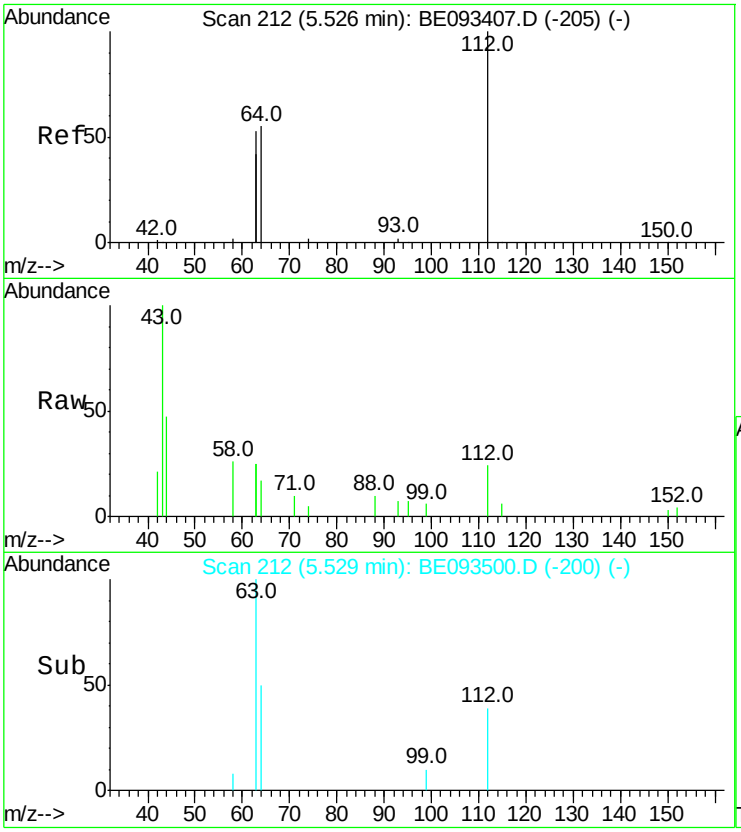


#3
n-Nitrosodimethylamine
Concen: 0.153 ng
RT: 3.82 min Scan# 76
Delta R.T. 0.05 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion: 42 Resp: 165

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	29.7	7.4	11.2#



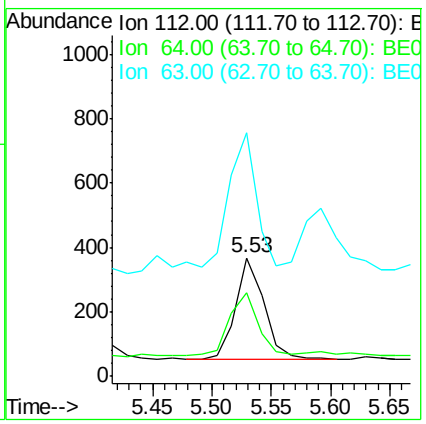


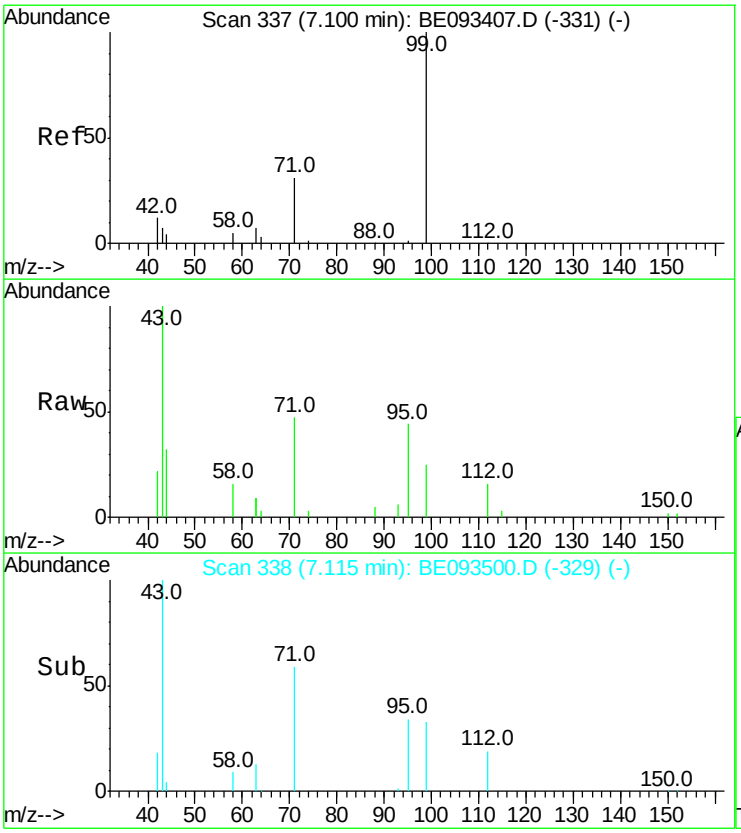
#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 524

Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.4	84.6
63	127.3	29.3	43.9#

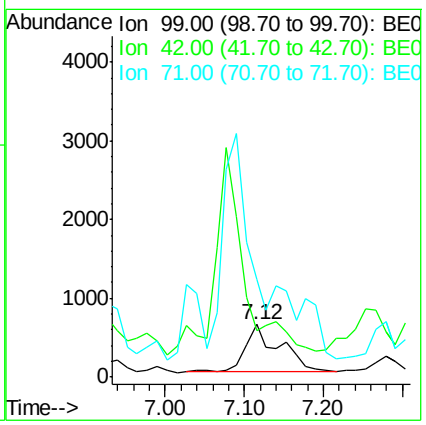


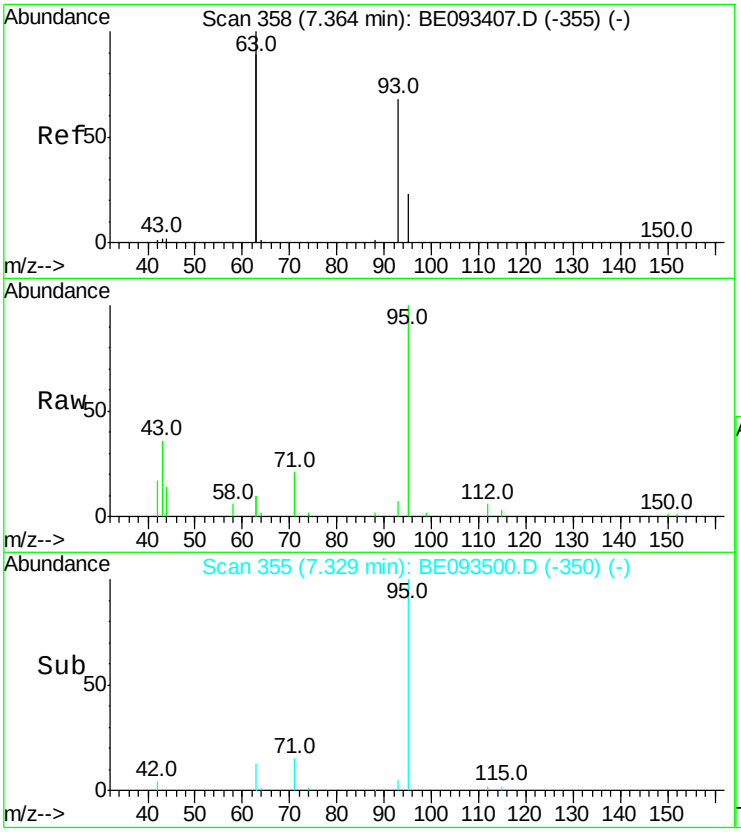


#5
Phenol-d6
Concen: 0.107 ng
RT: 7.12 min Scan# 338
Delta R.T. 0.02 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion: 99 Resp: 1844

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0



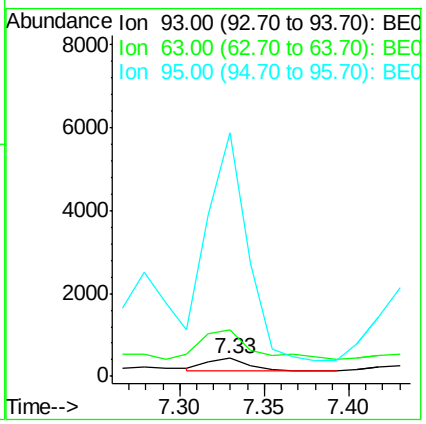


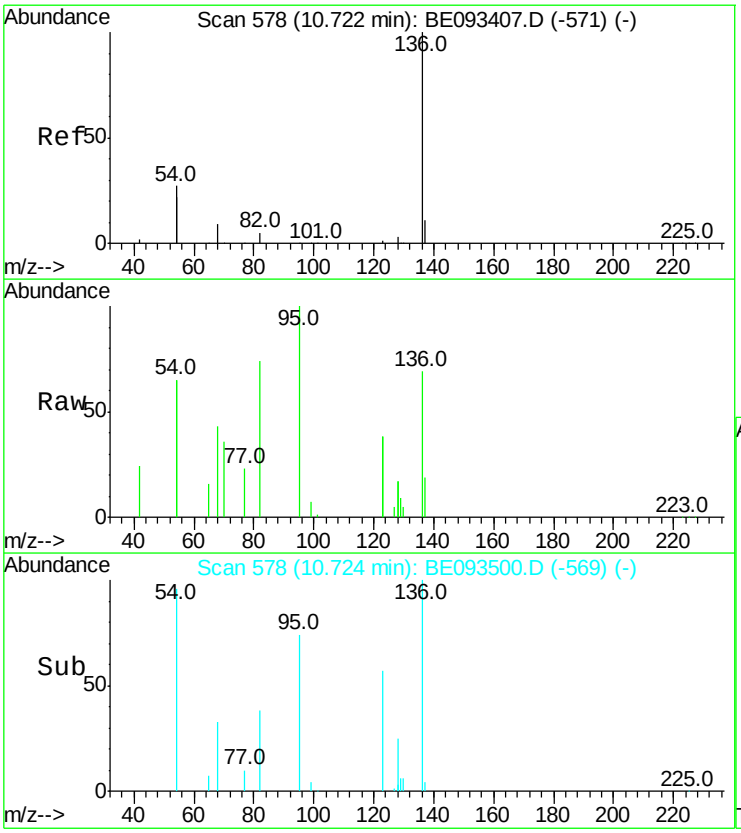
#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.04 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 509

Ion	Ratio	Lower	Upper
93	100		
63	290.4	0.0	0.0#
95	1752.5	25.4	38.0#

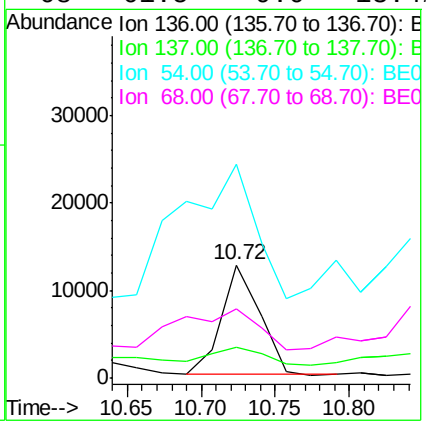


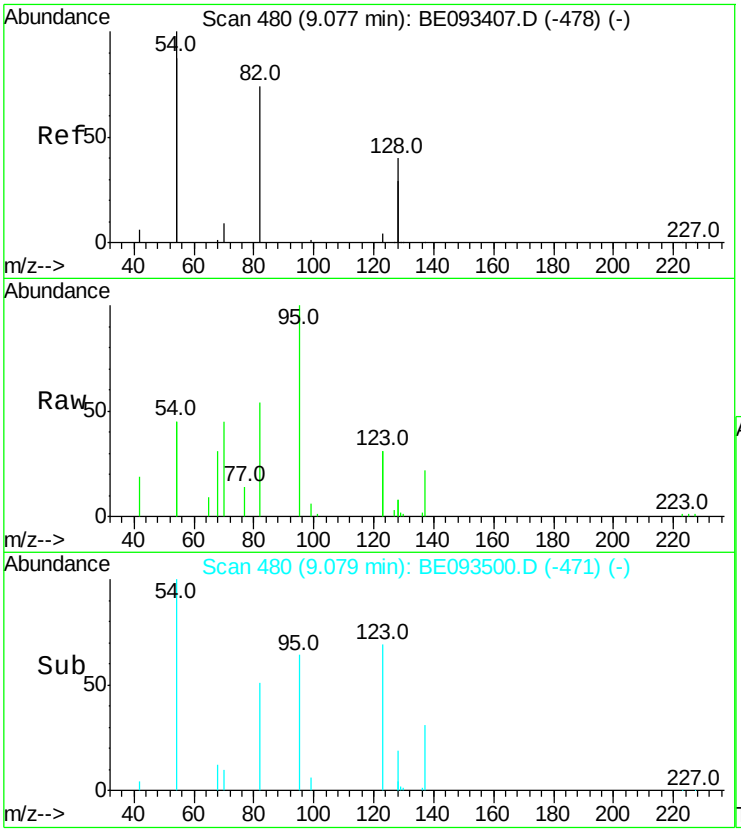


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:136 Resp: 22431

Ion	Ratio	Lower	Upper
136	100		
137	27.2	9.8	14.8#
54	188.7	10.3	15.5#
68	61.5	9.0	13.4#



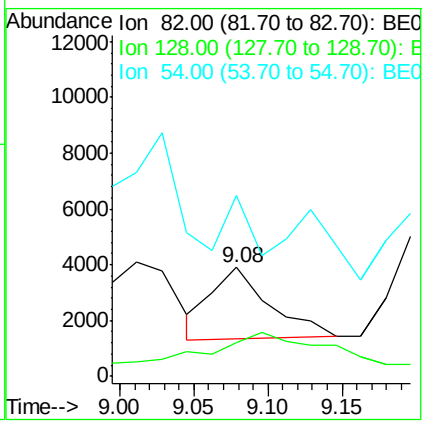


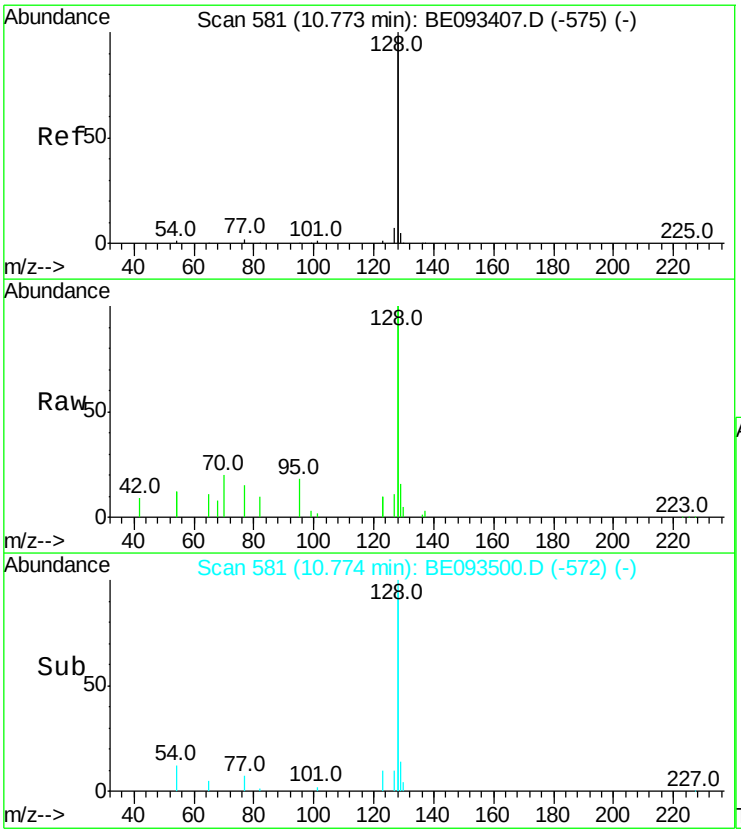
#8
Nitrobenzene-d5
Concen: 0.490 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 7026

Ion	Ratio	Lower	Upper
82	100		
128	30.8	17.0	25.4#
54	165.5	53.8	80.6#

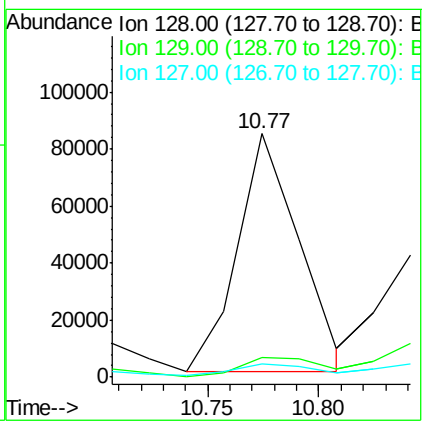


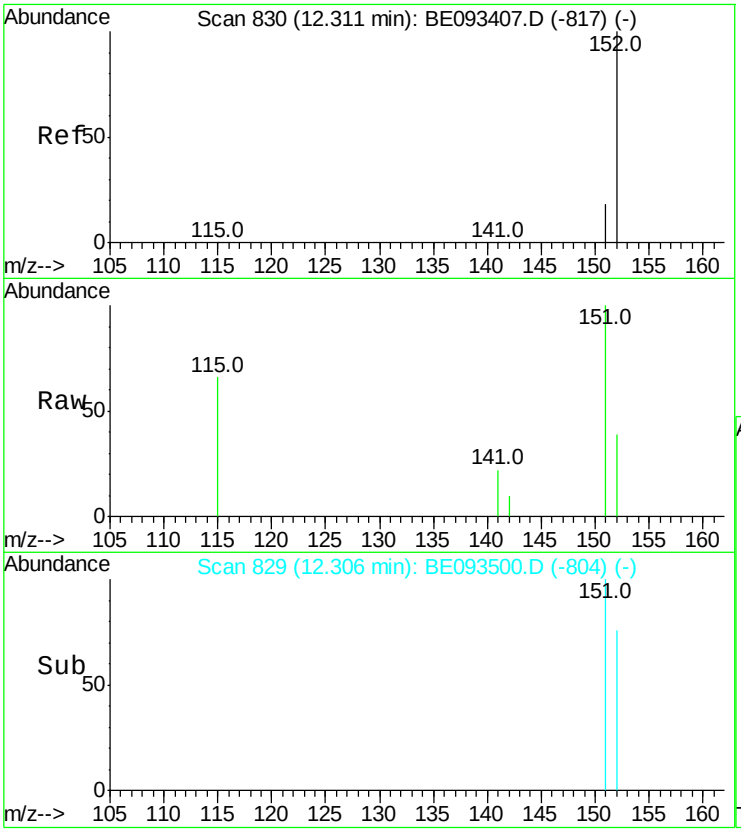


#9
Naphthalene
Concen: 0.675 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:128 Resp: 158695

Ion	Ratio	Lower	Upper
128	100		
129	8.1	11.4	17.0#
127	5.6	11.2	16.8#



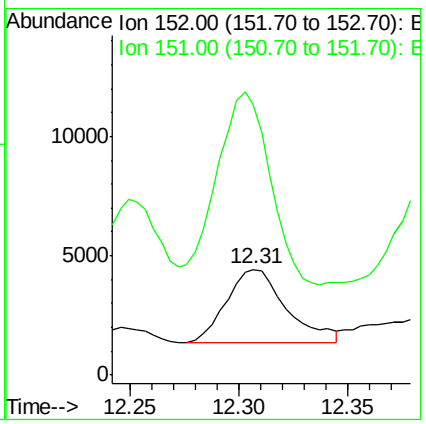


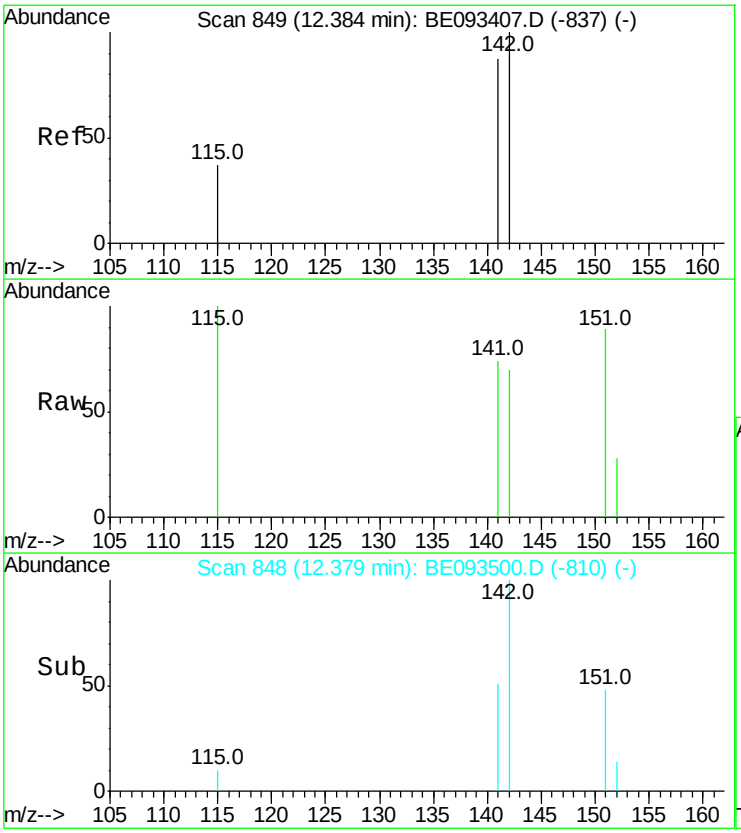
#11
2-Methylnaphthalene-d10
Concen: 0.169 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6034

Ion	Ratio	Lower	Upper
152	100		
151	230.4	15.1	22.7#

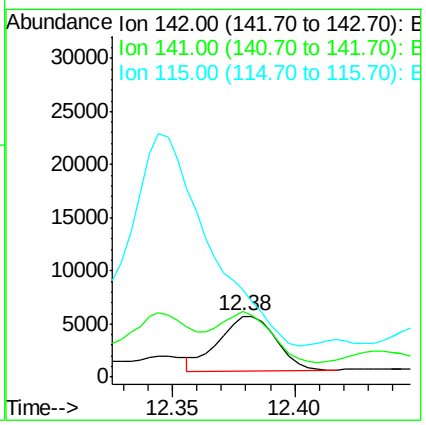


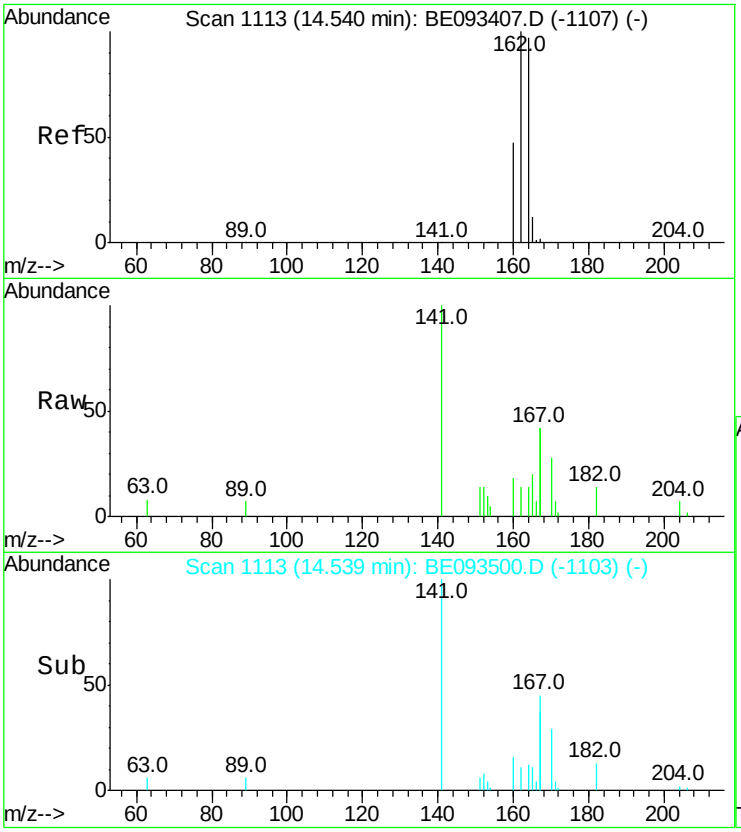


#12
2-Methylnaphthalene
Concen: 0.212 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:142 Resp: 8372

Ion	Ratio	Lower	Upper
142	100		
141	106.8	72.6	108.8
115	143.7	32.2	48.2#



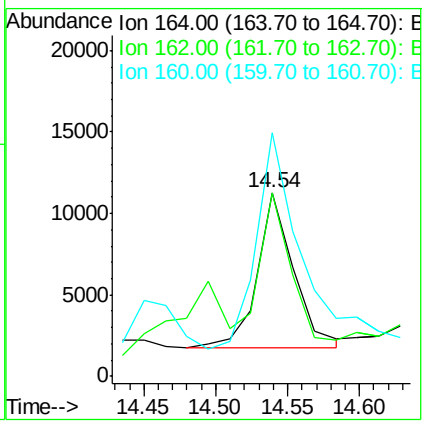


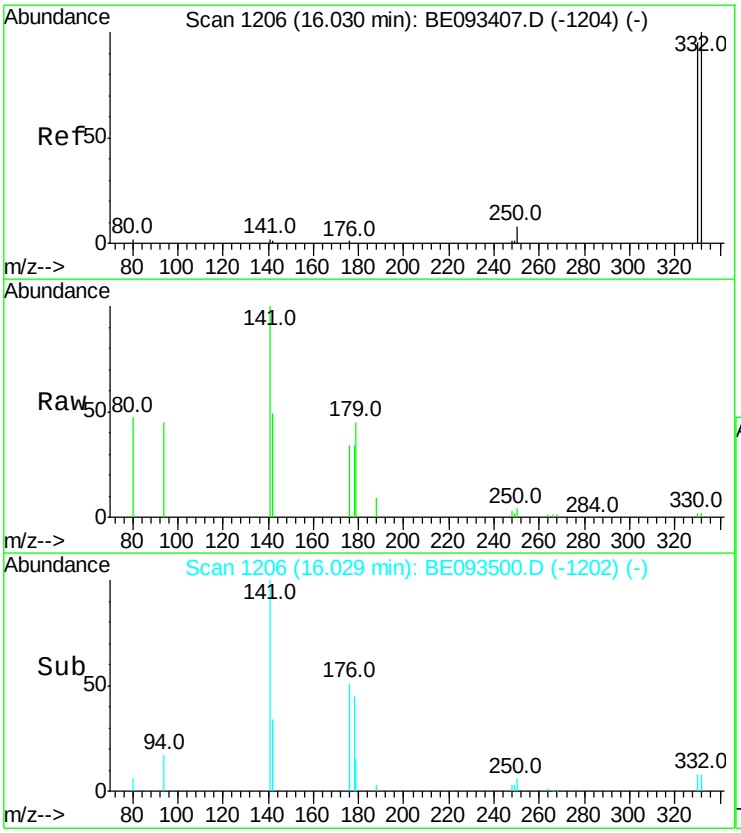
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 16843

Ion	Ratio	Lower	Upper
164	100		
162	100.2	84.6	127.0
160	132.6	41.8	62.6#

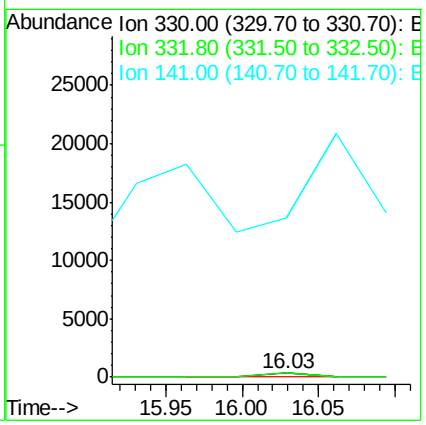


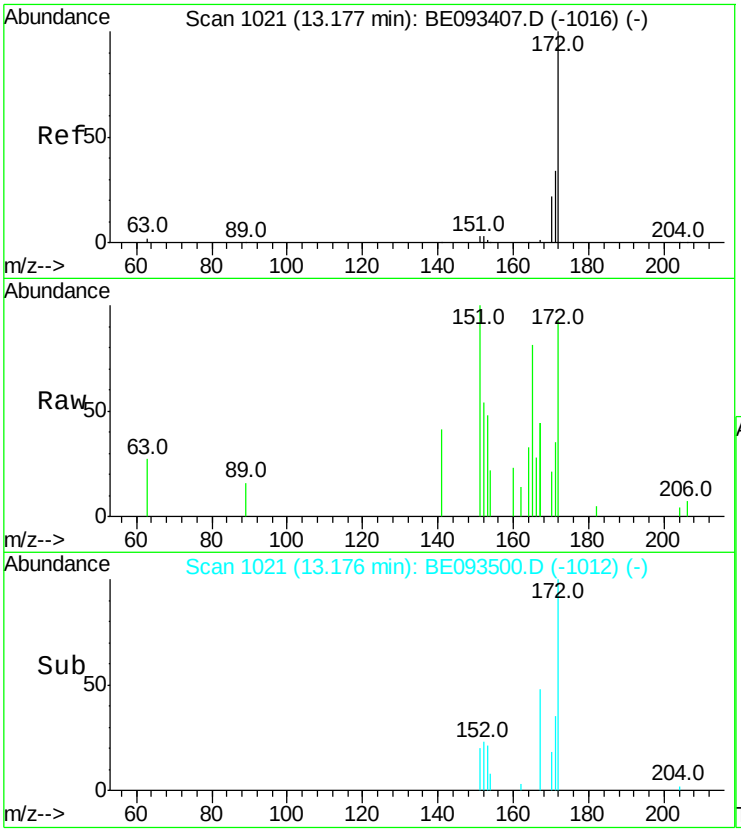


#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:330 Resp: 544

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	0.0	56.2	84.4#



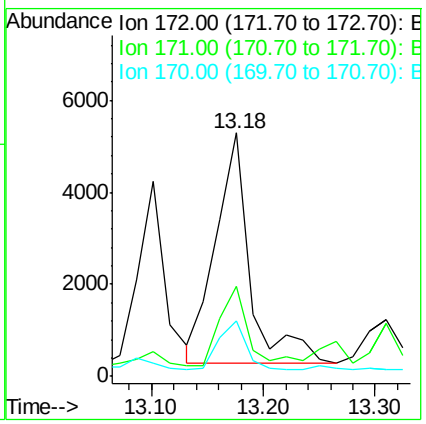


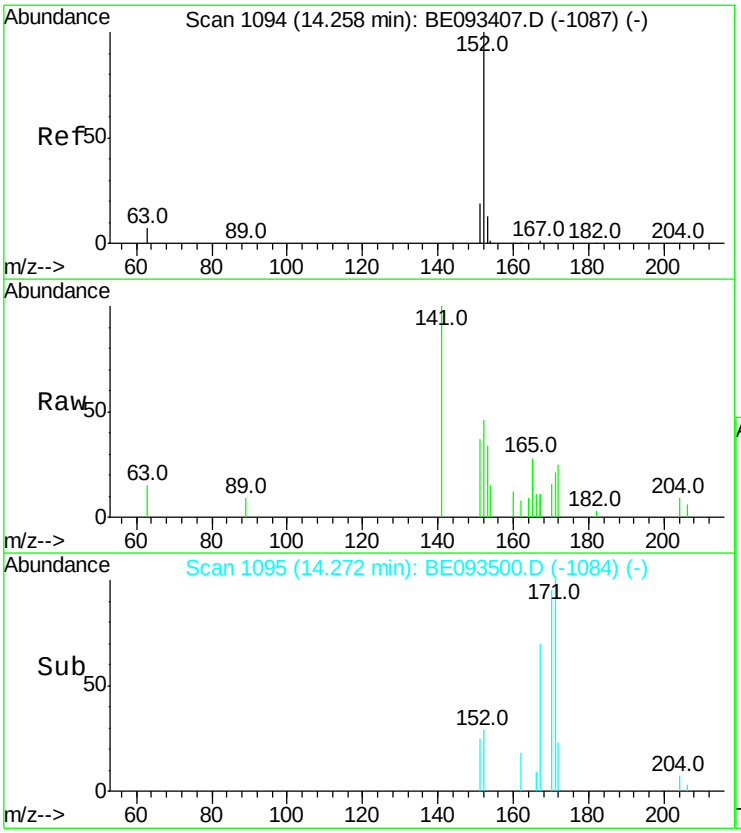
#15
2-Fluorobiphenyl
Concen: 0.164 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10698

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	22.9	20.7	31.1

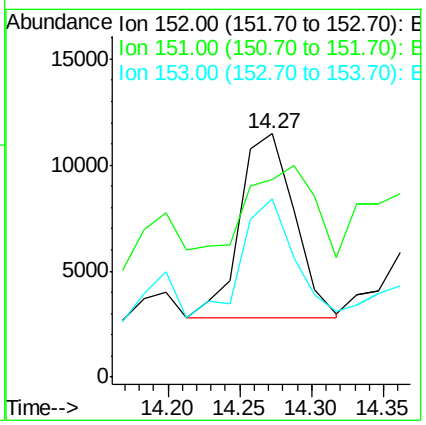


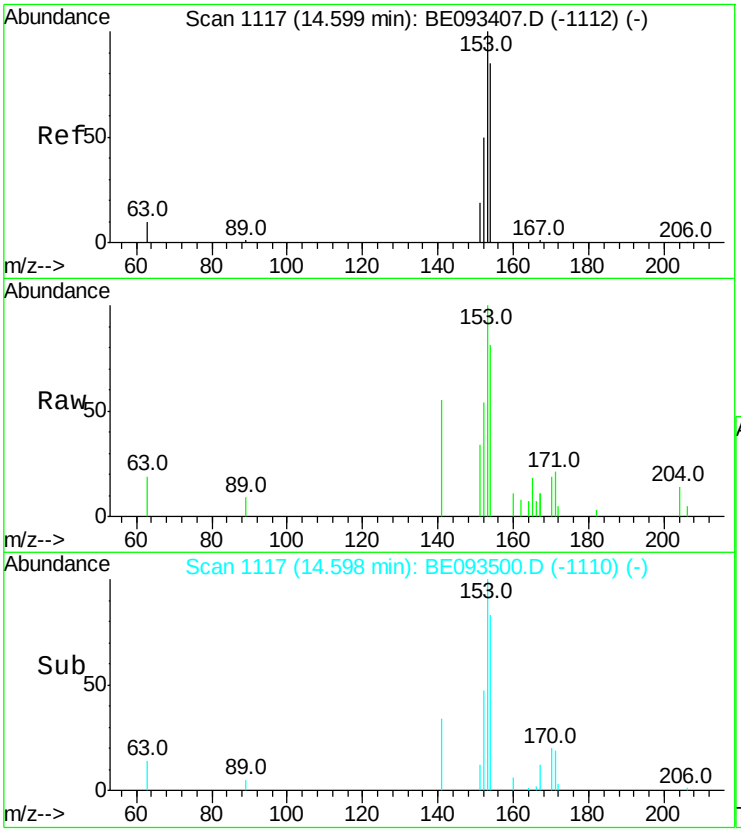


#16
Acenaphthylene
Concen: 0.327 ng
RT: 14.27 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:152 Resp: 22966

Ion	Ratio	Lower	Upper
152	100		
151	61.8	4.0	6.0#
153	61.7	10.3	15.5#



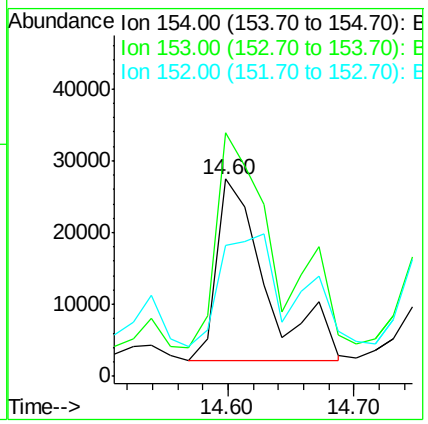


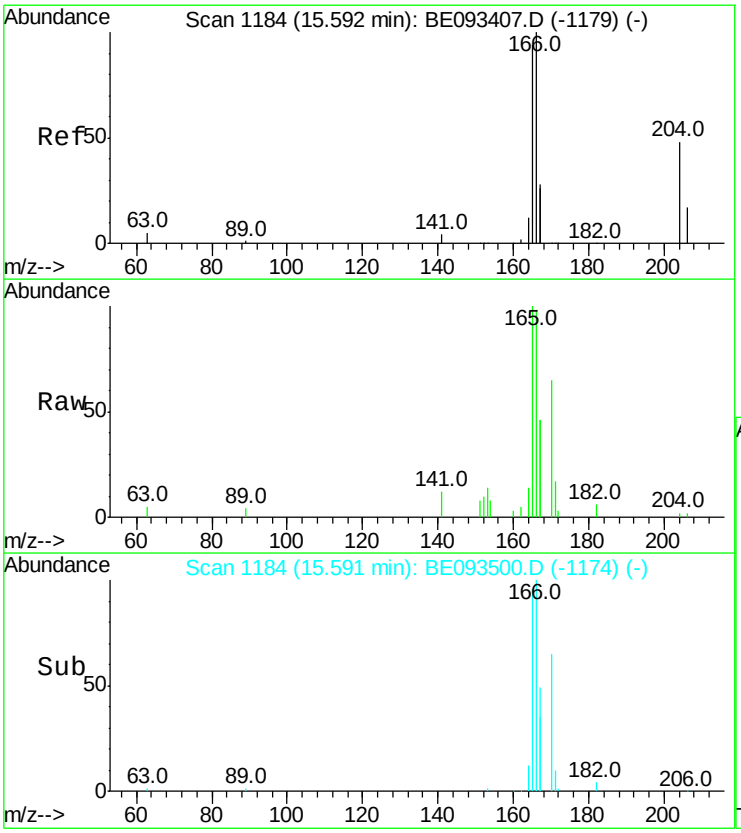
#17
Acenaphthene
Concen: 1.338 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 68770

Ion	Ratio	Lower	Upper
154	100		
153	142.9	91.2	136.8#
152	0.0	44.8	67.2#

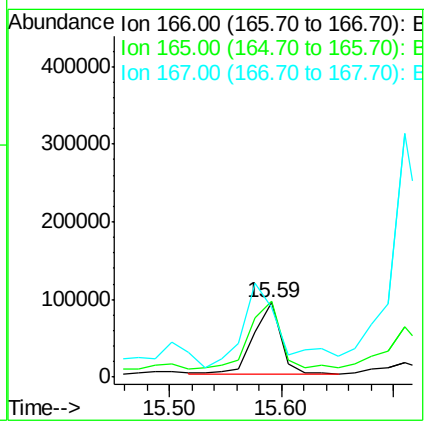


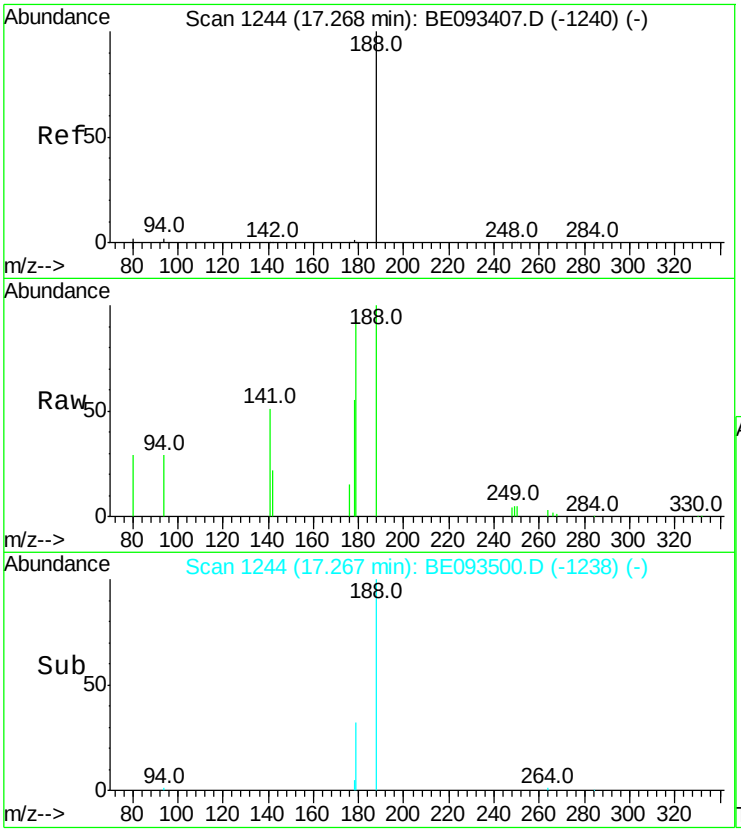


#18
Fluorene
Concen: 2.151 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:166 Resp: 151735

Ion	Ratio	Lower	Upper
166	100		
165	109.1	78.6	117.8
167	155.6	11.1	16.7#



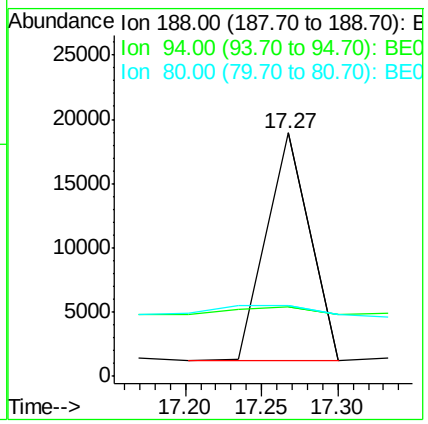


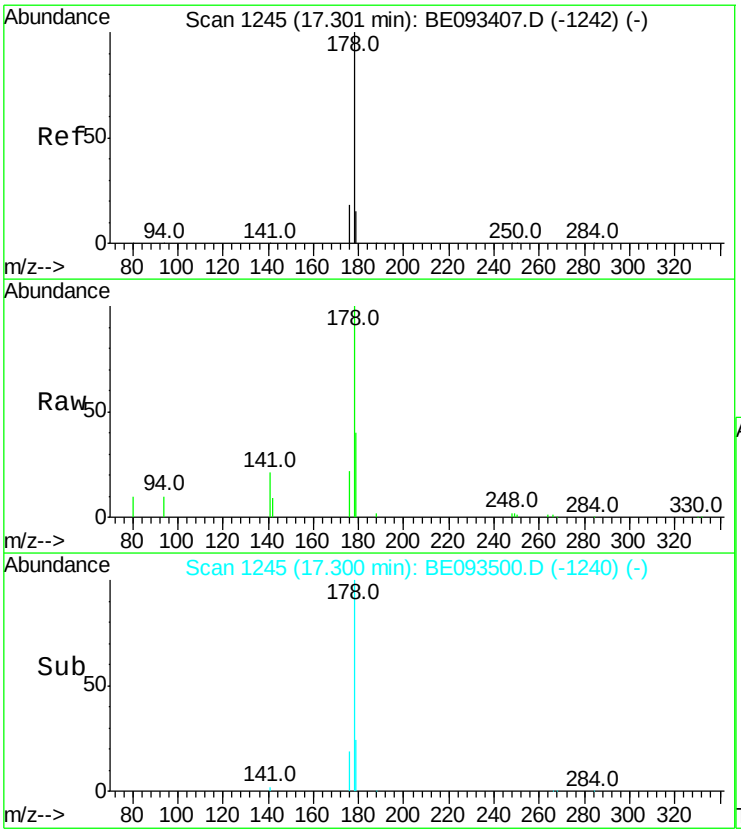
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 34946

Ion	Ratio	Lower	Upper
188	100		
94	28.6	11.3	16.9#
80	28.9	11.7	17.5#

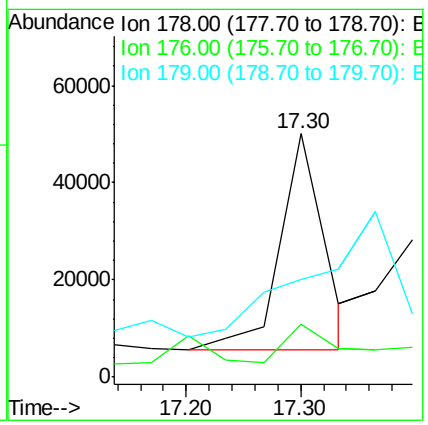


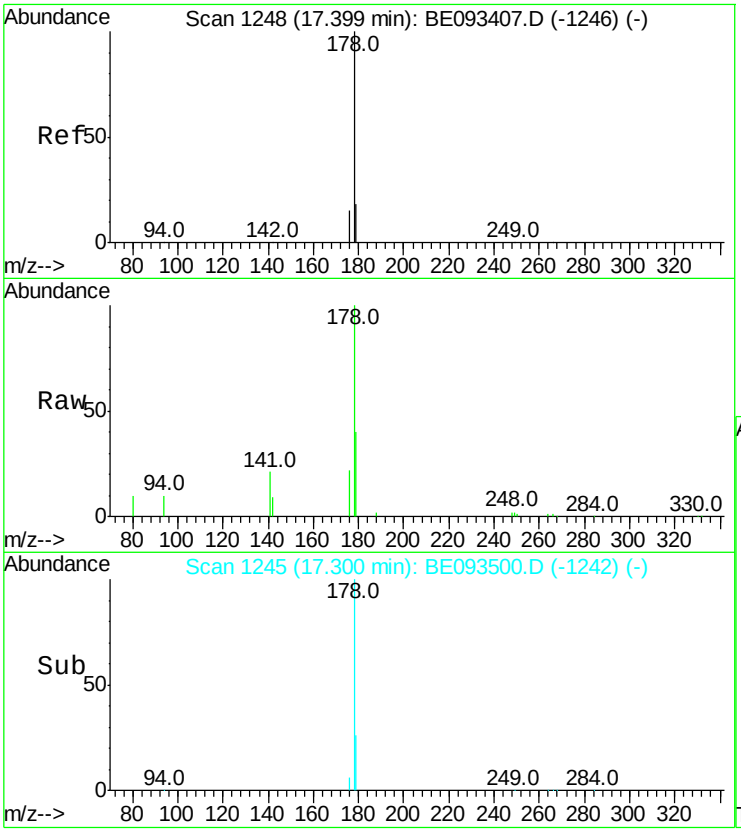


#23
Phenanthrene
Concen: 0.936 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:178 Resp: 118835

Ion	Ratio	Lower	Upper
178	100		
176	23.0	15.0	22.4#
179	0.0	12.7	19.1#



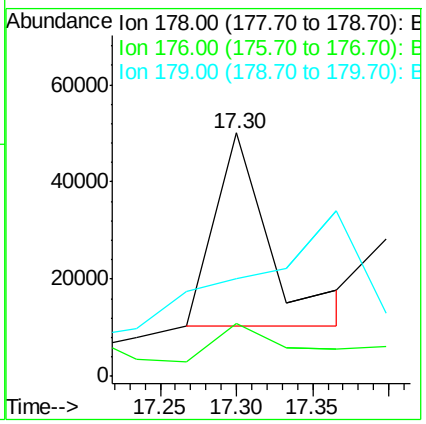


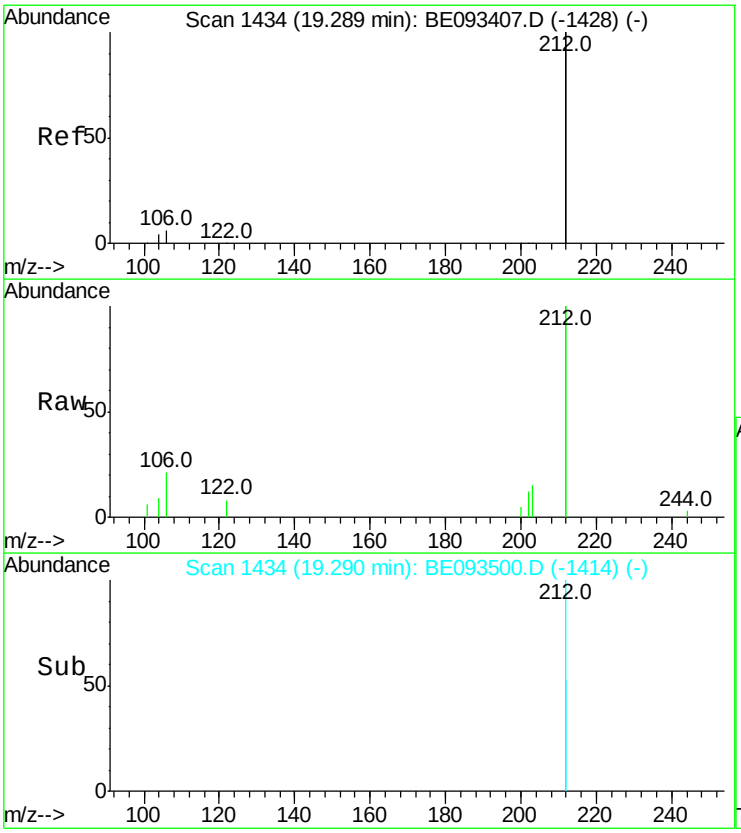
#24
Anthracene
Concen: 1.301 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 101309

Ion	Ratio	Lower	Upper
178	100		
176	27.0	14.6	22.0#
179	0.0	12.0	18.0#

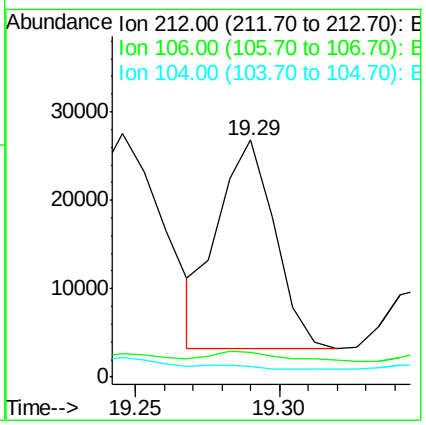


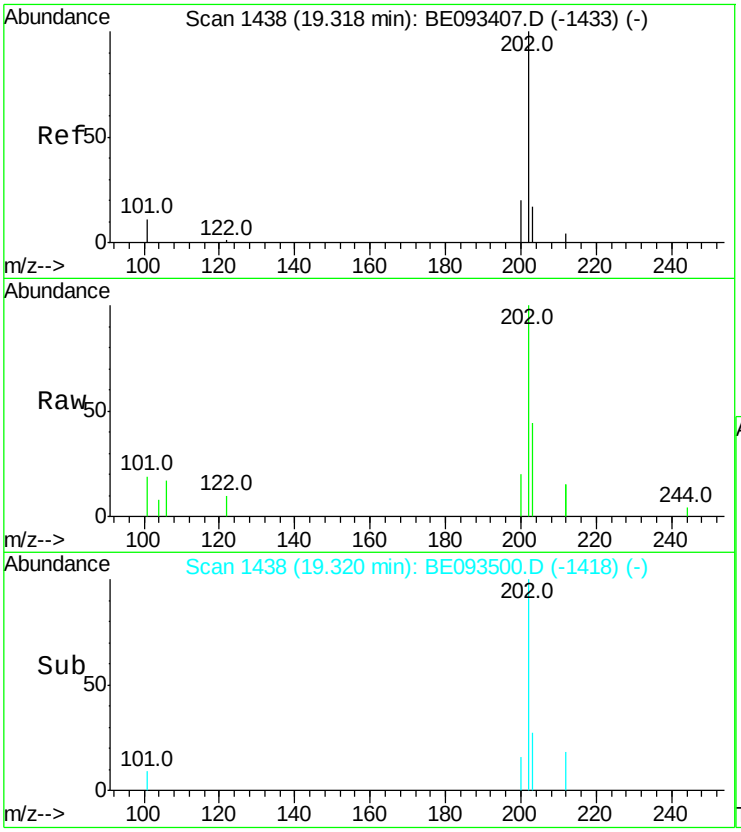


#25
Fluoranthene-d10
Concen: 0.077 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:212 Resp: 32420

Ion	Ratio	Lower	Upper
212	100		
106	5.5	2.4	3.6#
104	0.0	1.6	2.4#



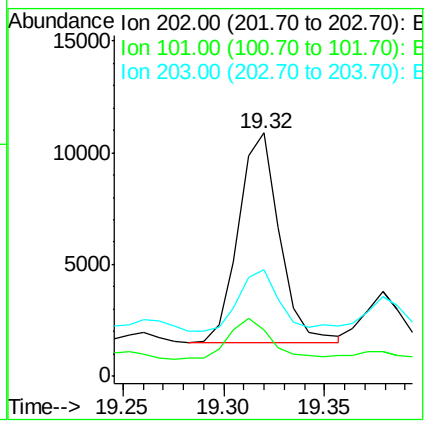


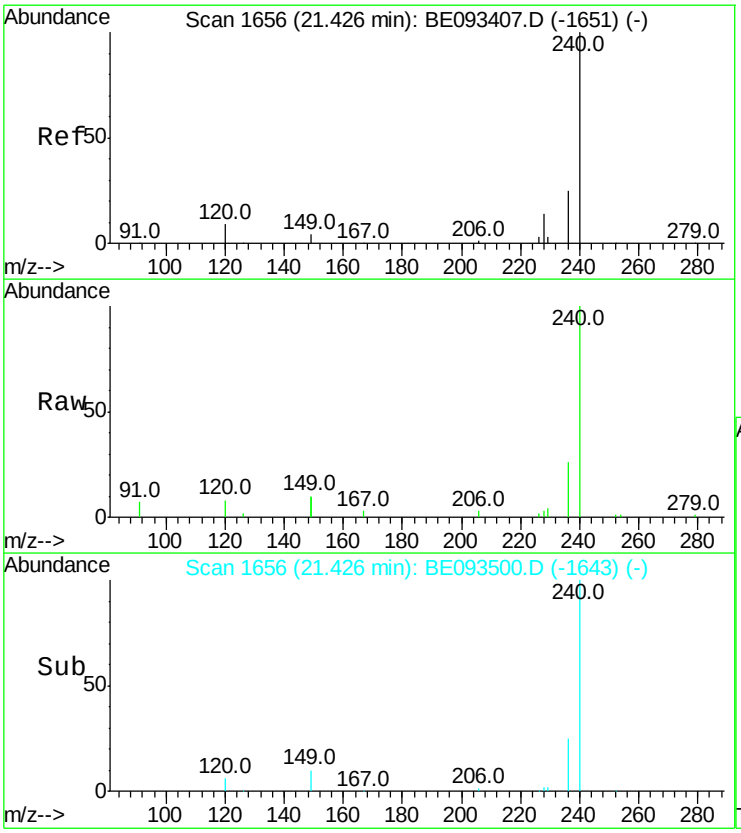
#26
Fluoranthene
Concen: 0.112 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 13331

Ion	Ratio	Lower	Upper
202	100		
101	20.1	9.6	14.4#
203	28.0	14.4	21.6#

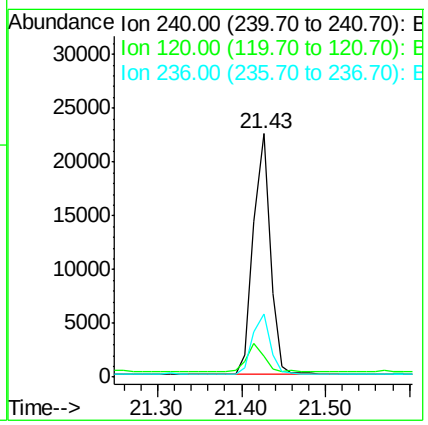


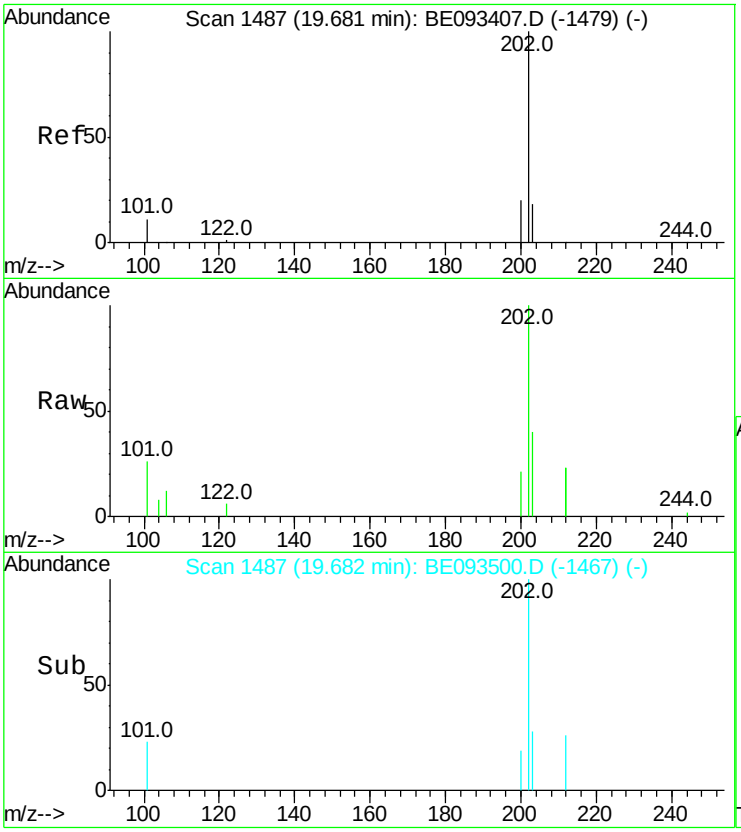


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:240 Resp: 31580

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.6	7.0#
236	26.2	20.8	31.2



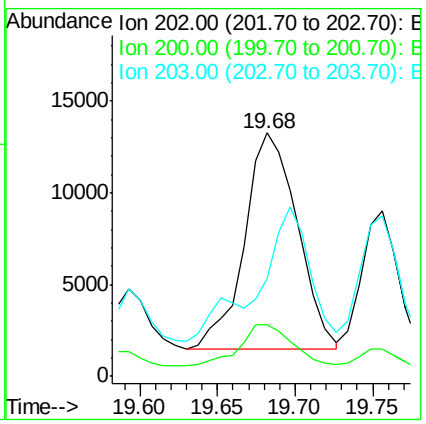


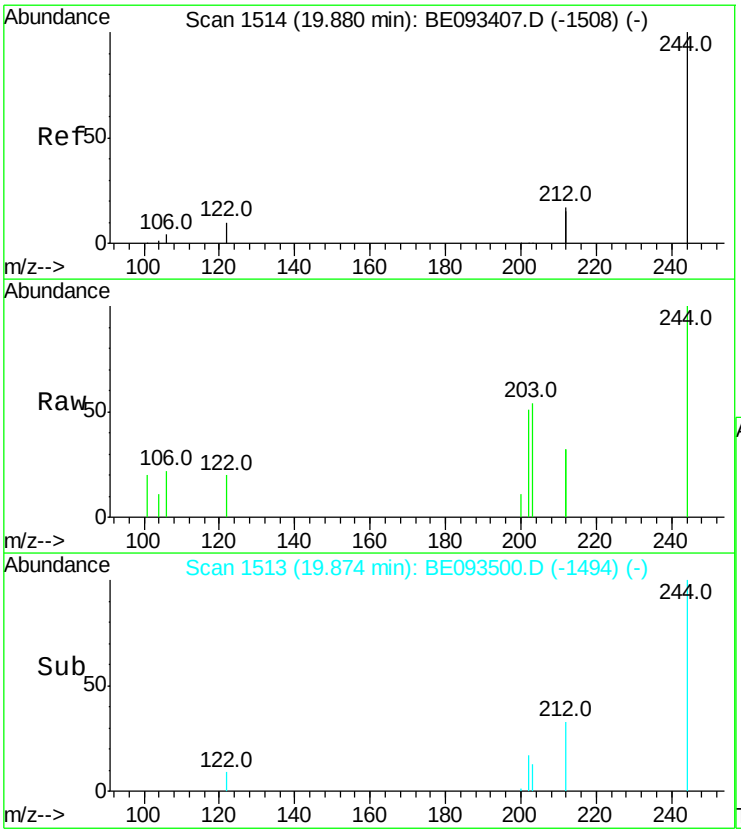
#28
Pyrene
Concen: 0.313 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 27810

Ion	Ratio	Lower	Upper
202	100		
200	19.6	0.0	0.0#
203	0.0	13.7	20.5#

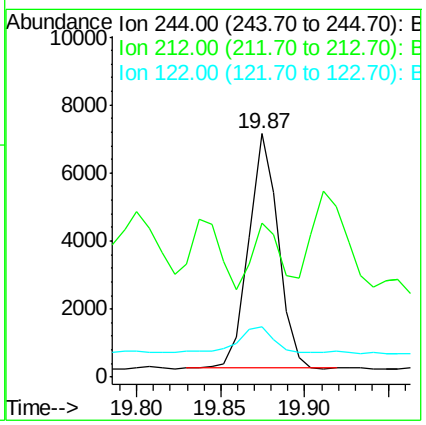


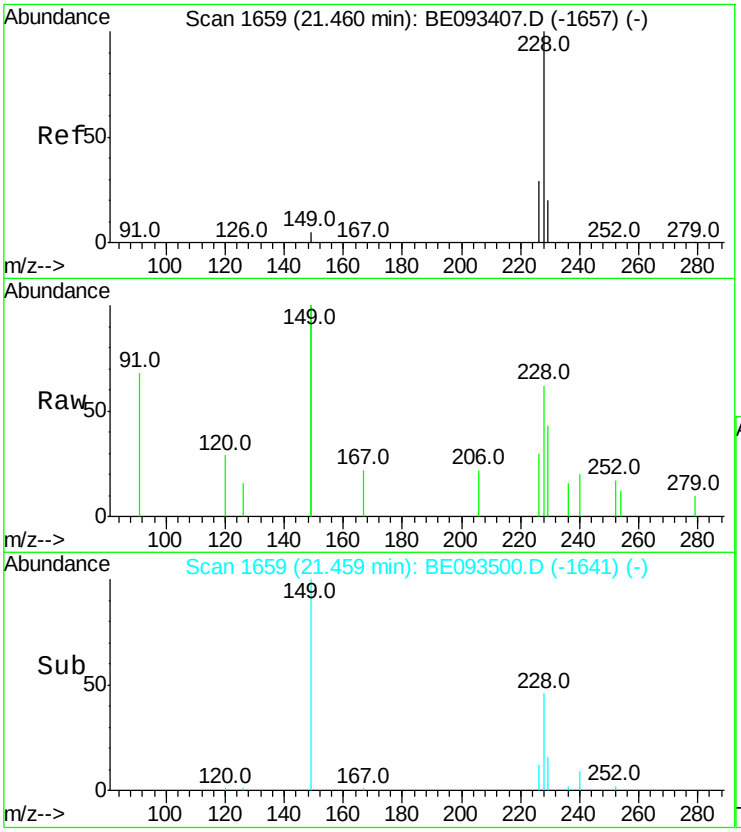


#29
Terphenyl-d14
Concen: 0.150 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:244 Resp: 8442

Ion	Ratio	Lower	Upper
244	100		
212	63.1	10.6	16.0#
122	20.4	15.4	23.0



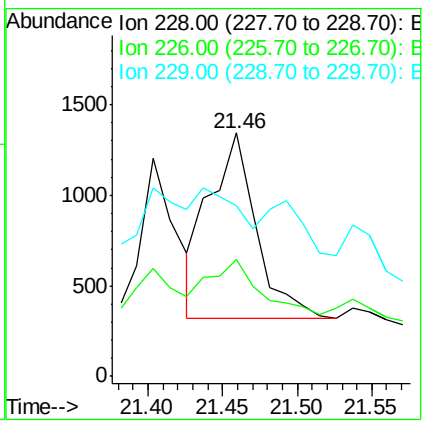


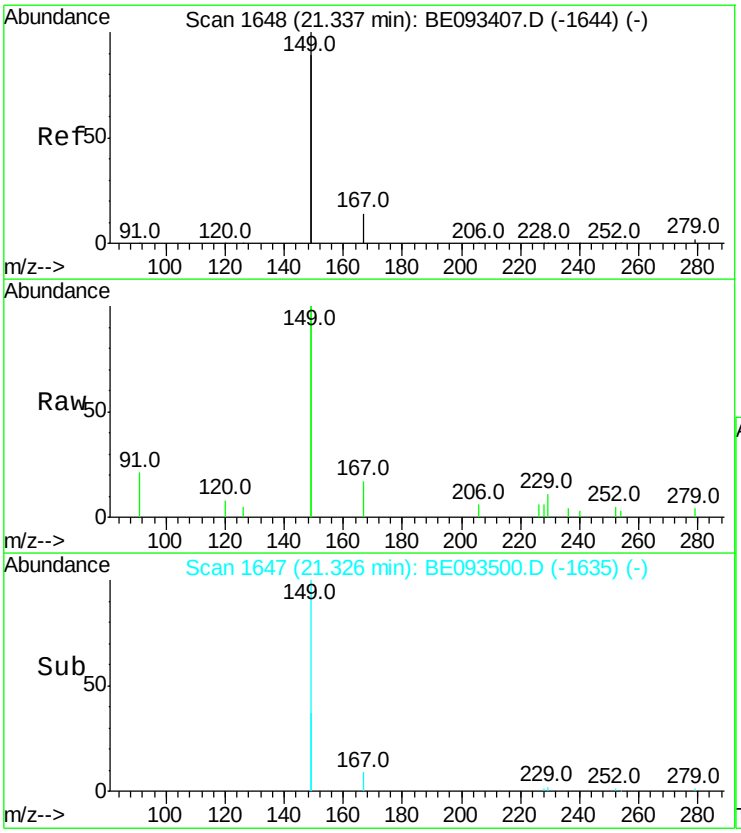
#31
Chrysene
Concen: 0.025 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2243

Ion	Ratio	Lower	Upper
228	100		
226	48.0	21.5	32.3#
229	70.0	18.6	28.0#

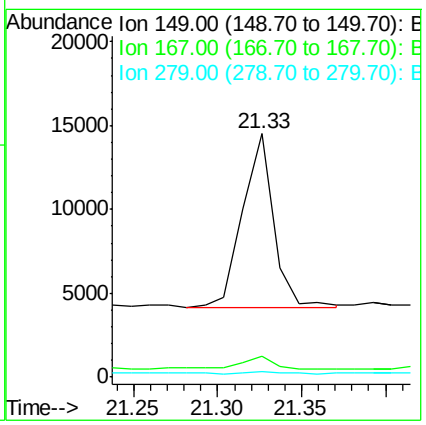


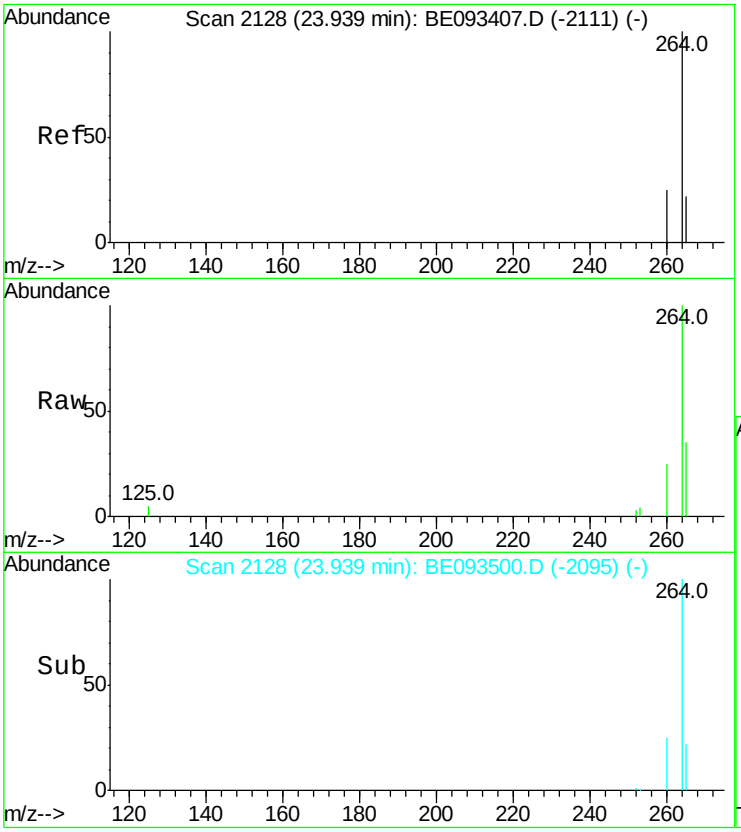


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:149 Resp: 13262

Ion	Ratio	Lower	Upper
149	100		
167	9.0	20.1	30.1#
279	0.9	2.2	3.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 28506

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	35.0	24.6	36.8