Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\

Quantitation Report (Not Reviewed)

Data File : BE093331.D
Acq On : 22 Jun 2017 16:46
Operator : SJ/JU
Sample : I3687-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS034-170613

Quant Time: Jun 23 07:12:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	185	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	897	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	554	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	1177	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	1411	0.40	ng	-0.02
34) Perylene-d12	23.67	264	1166	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	33	0.06	ng	0.00
5) Phenol-d6	6.90	99	495	0.62	ng	0.00
8) Nitrobenzene-d5	8.86	82	221	0.31	ng	-0.02
11) 2-Methylnaphthalene-d10	12.10	152	401	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	19	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	723	0.31	ng	0.00
25) Fluoranthene-d10	19.11	212	1772	0.46	ng	0.00
29) Terphenyl-d14	19.72	244	895	0.33	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.57	42	12	0.03	ng	# 1
9) Naphthalene	10.56	128	106	0.04	ng	# 1
12) 2-Methylnaphthalene	12.18	142	57	0.04	ng	# 83
30) Benzo(a)anthracene	21.28	228	77	0.02	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.16	149	423	0.26	ng	# 99
35) Benzo(b)fluoranthene	22.93	252	82	0.02	ng	# 1
36) Benzo(k)fluoranthene	22.93	252	83	0.02	ng	# 1

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

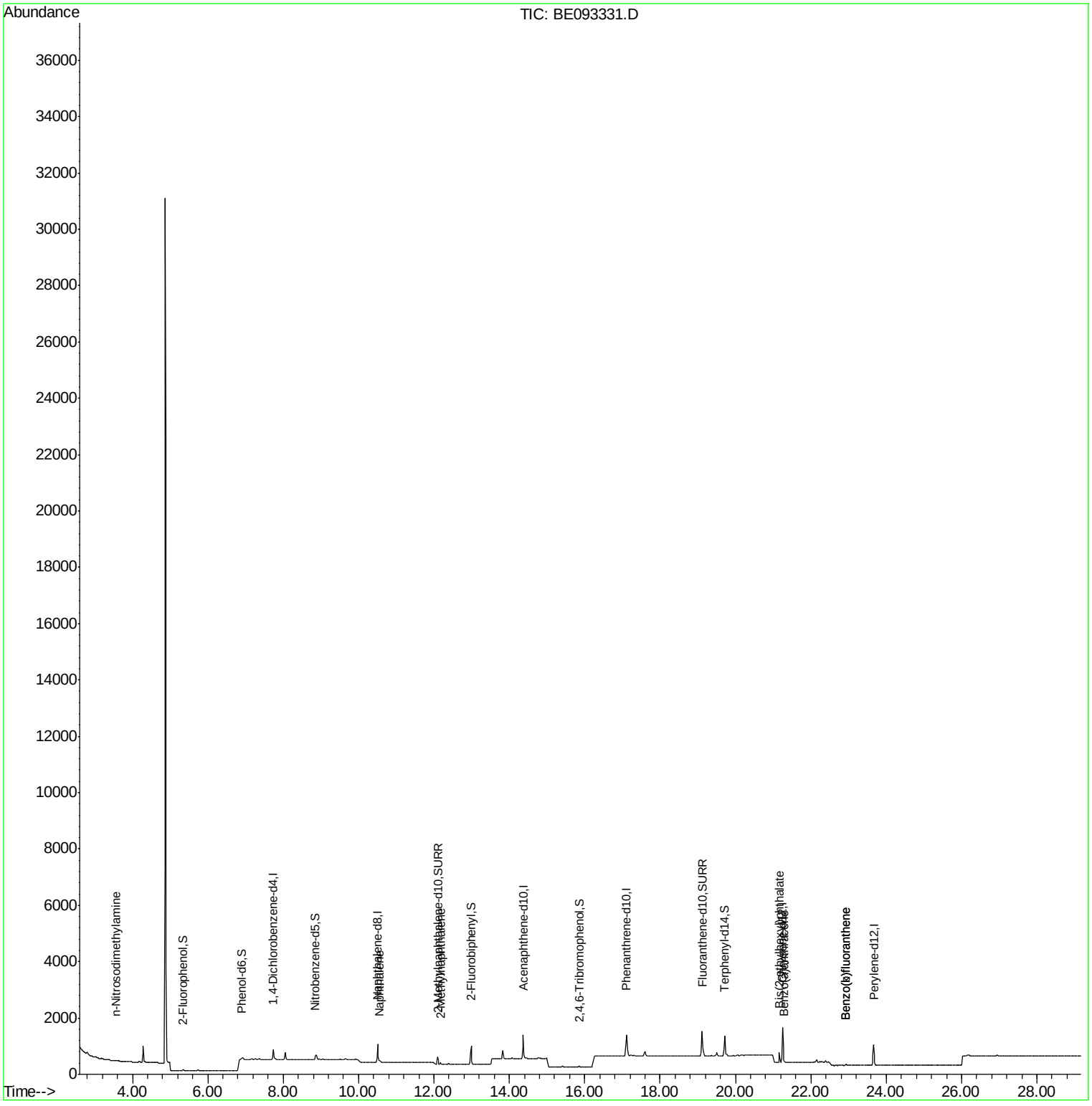
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\

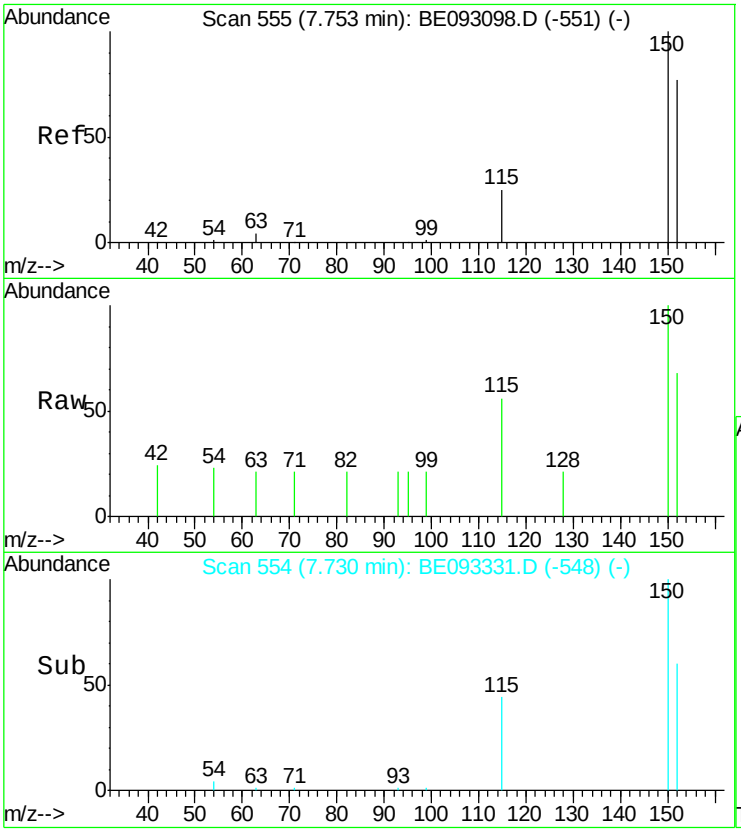
Quantitation Report (Not Reviewed)

Data File : BE093331.D
Acq On : 22 Jun 2017 16:46
Operator : SJ/JU
Sample : I3687-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Quant Time: Jun 23 07:12:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration



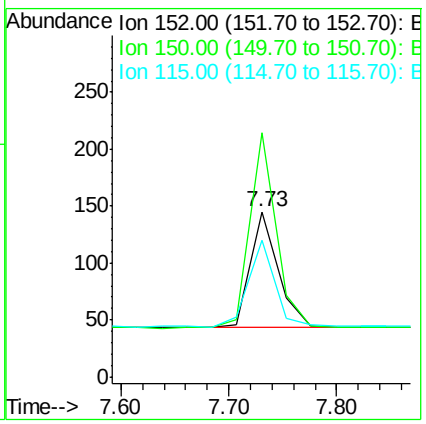


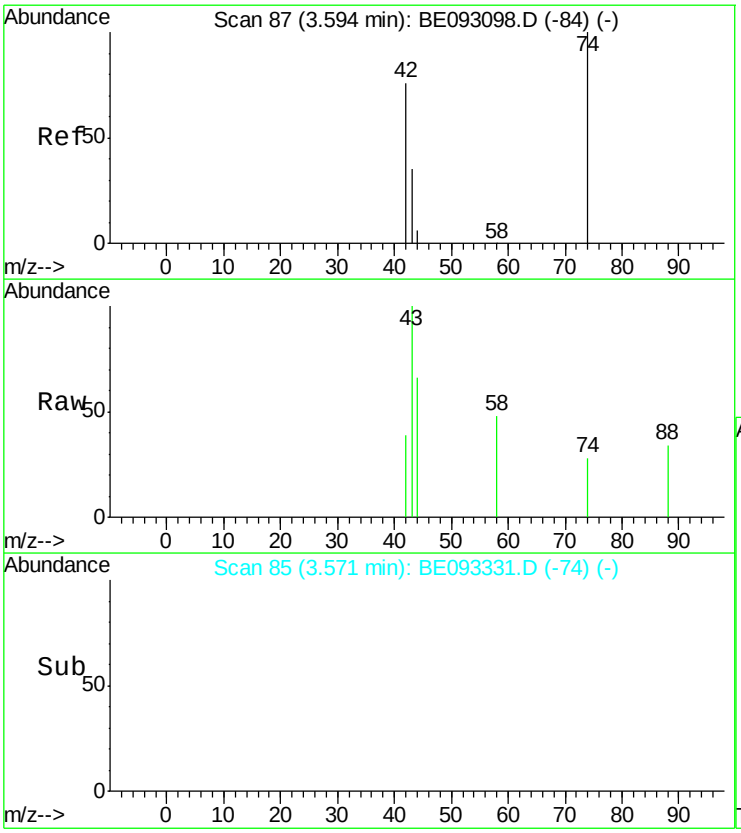
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:152 Resp: 185

Ion	Ratio	Lower	Upper
152	100		
150	147.6	125.1	187.7
115	82.8	55.7	83.5

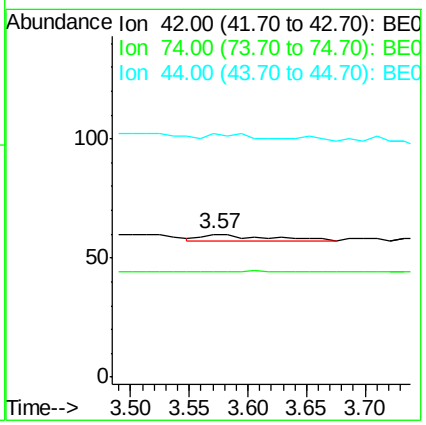


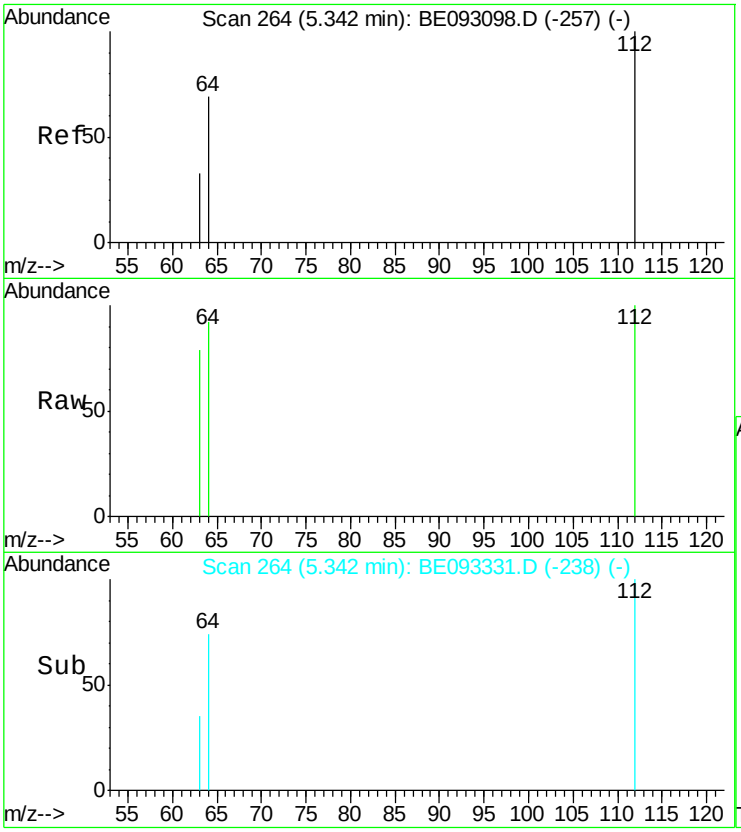


#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.57 min Scan# 85
Delta R.T. -0.02 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion: 42 Resp: 12

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	25.0	7.4	11.2#



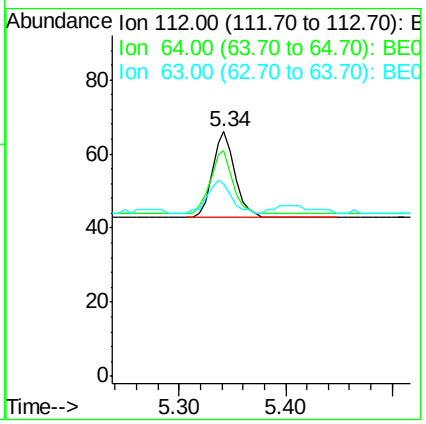


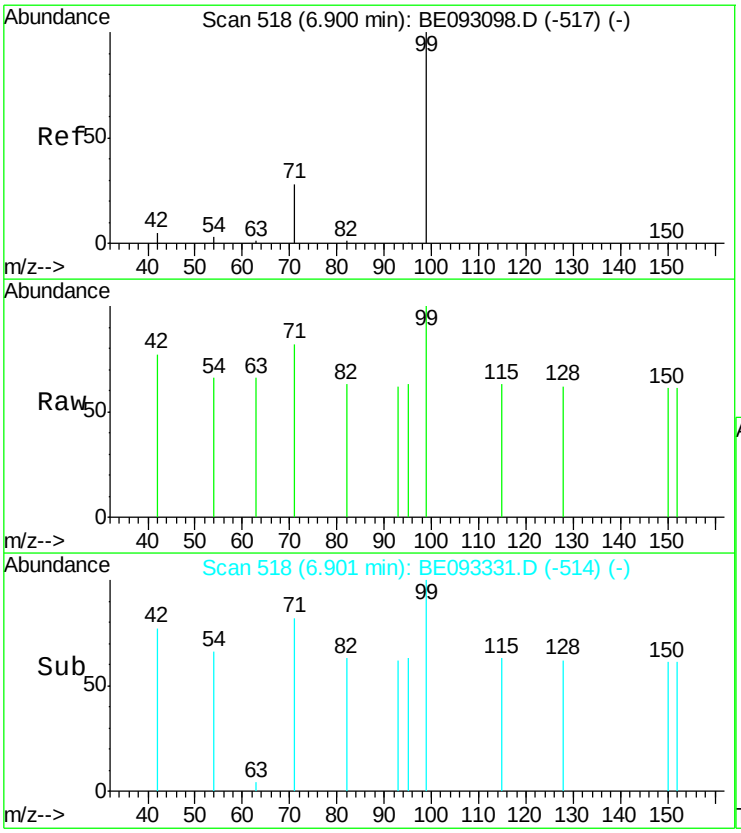
#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:112 Resp: 33

Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.4	84.6
63	42.4	29.3	43.9

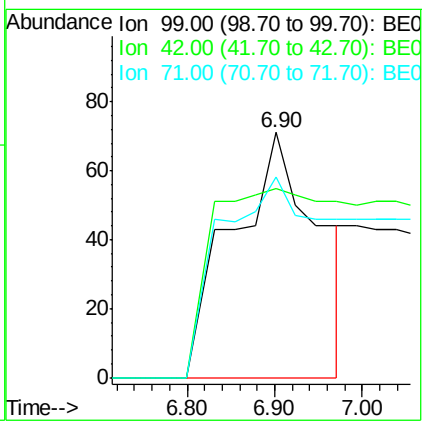


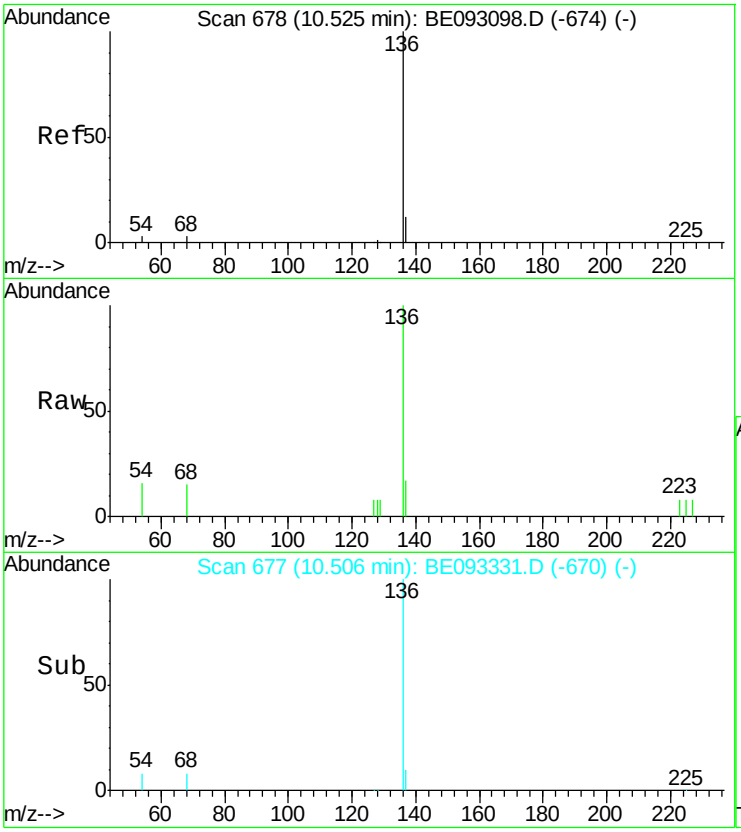


#5
Phenol-d6
Concen: 0.62 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion: 99 Resp: 495

Ion	Ratio	Lower	Upper
99	100		
42	121.6	0.0	0.0#
71	99.2	0.0	0.0#



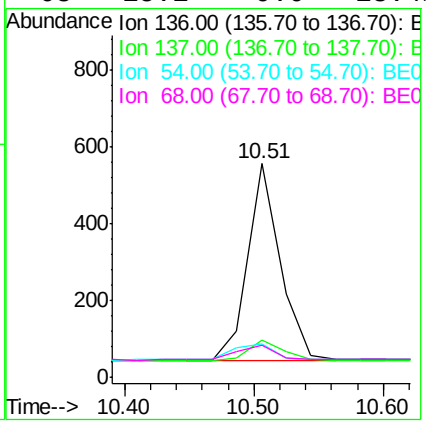


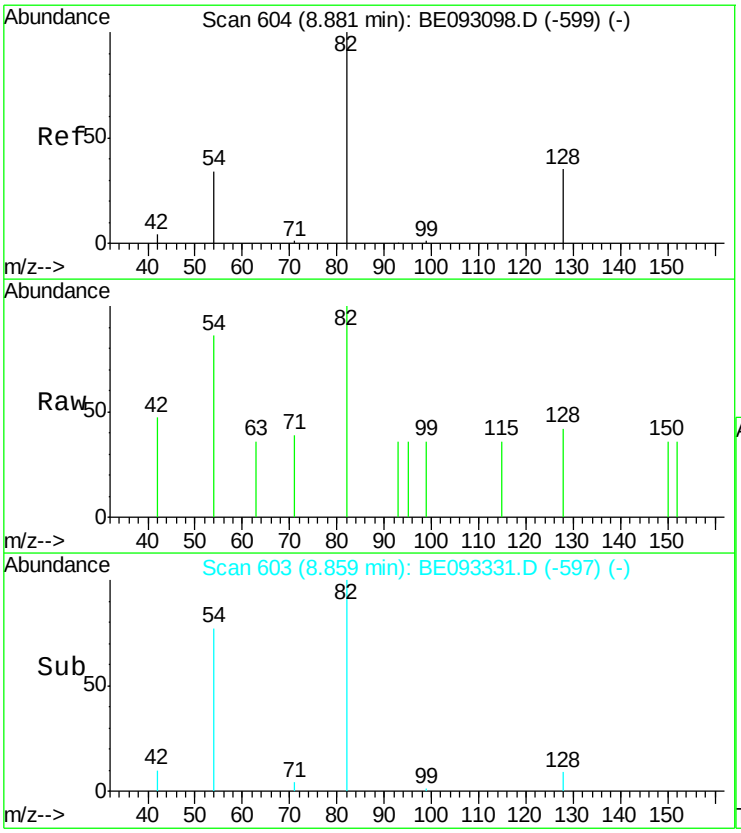
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:136 Resp: 897

Ion	Ratio	Lower	Upper
136	100		
137	17.3	9.8	14.8#
54	15.8	10.3	15.5#
68	15.1	9.0	13.4#

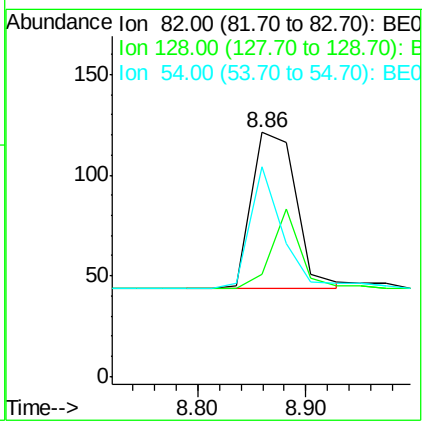


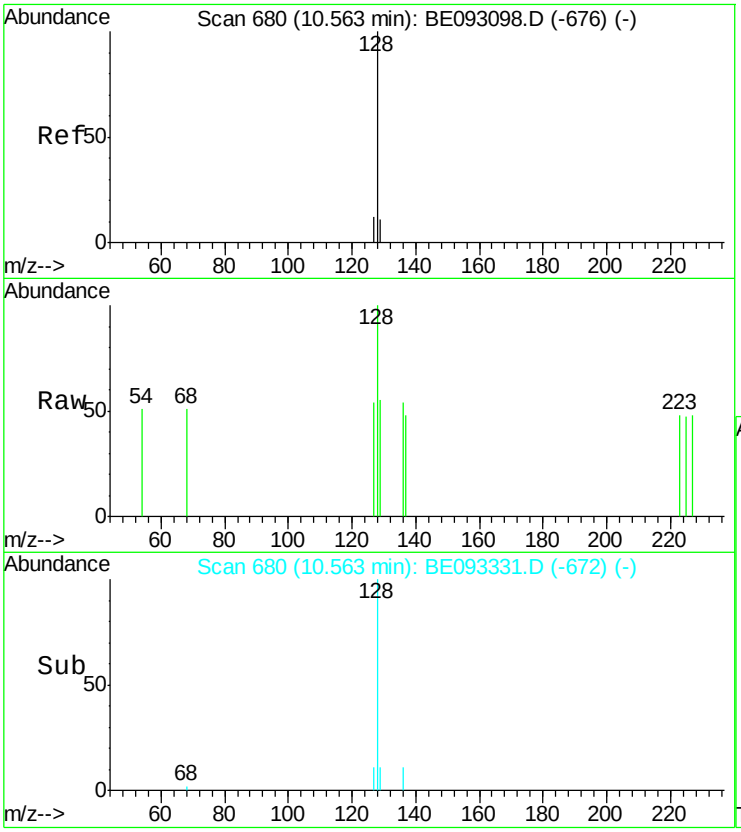


#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.86 min Scan# 603
Delta R.T. -0.02 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion: 82 Resp: 221

Ion	Ratio	Lower	Upper
82	100		
128	42.1	17.0	25.4#
54	86.0	53.8	80.6#



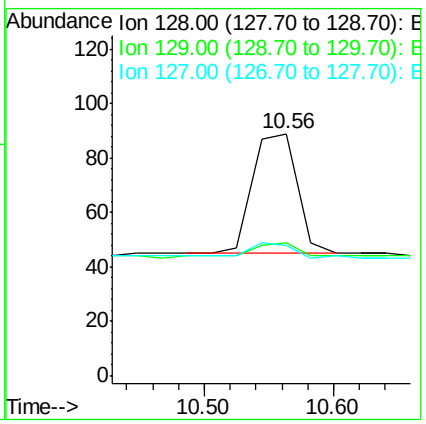


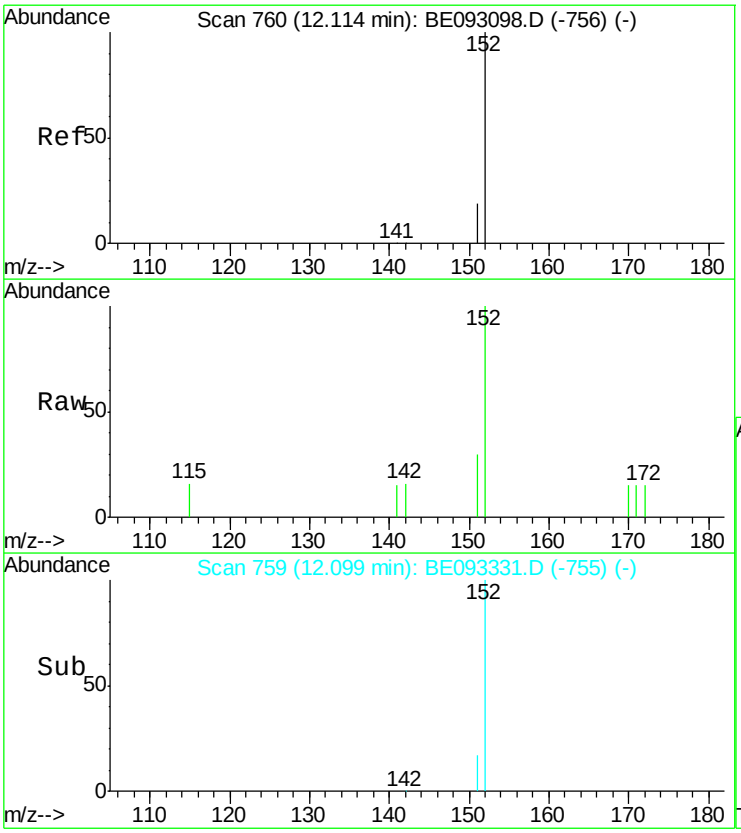
#9
Naphthalene
Concen: 0.04 ng
RT: 10.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:128 Resp: 106

Ion	Ratio	Lower	Upper
128	100		
129	55.1	11.4	17.0#
127	53.9	11.2	16.8#

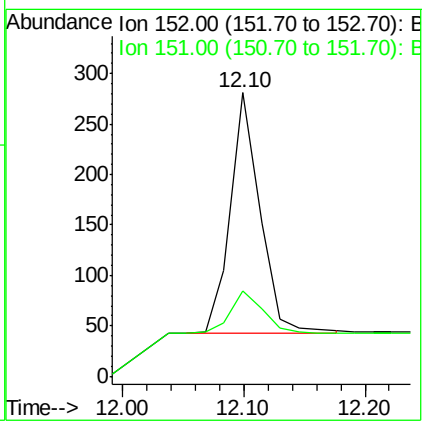


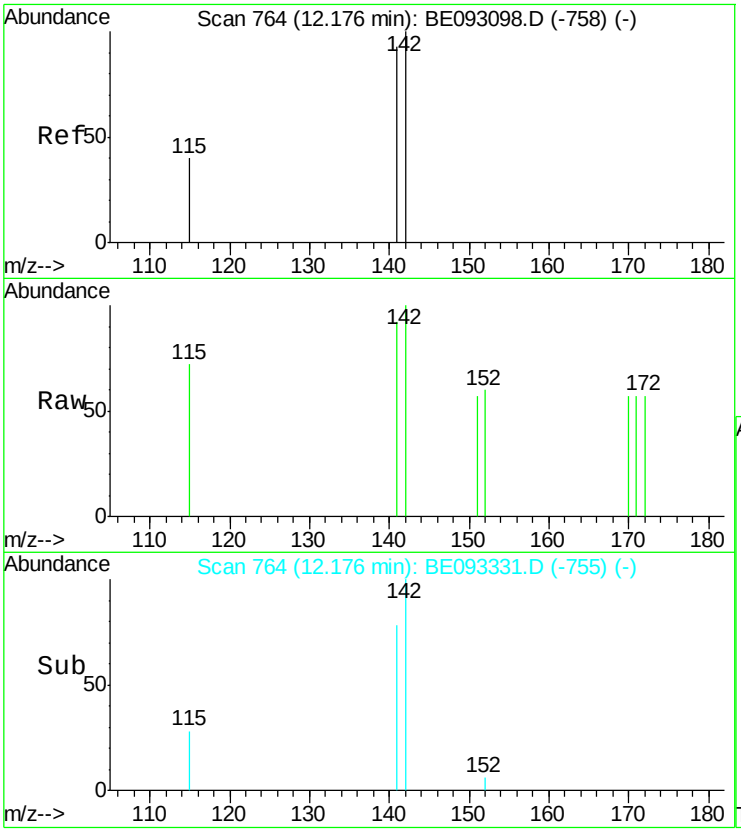


#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.10 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion:152 Resp: 401

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7



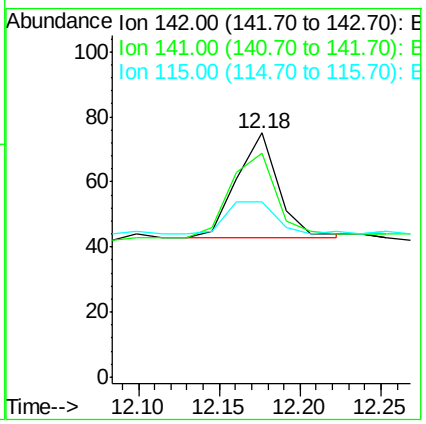


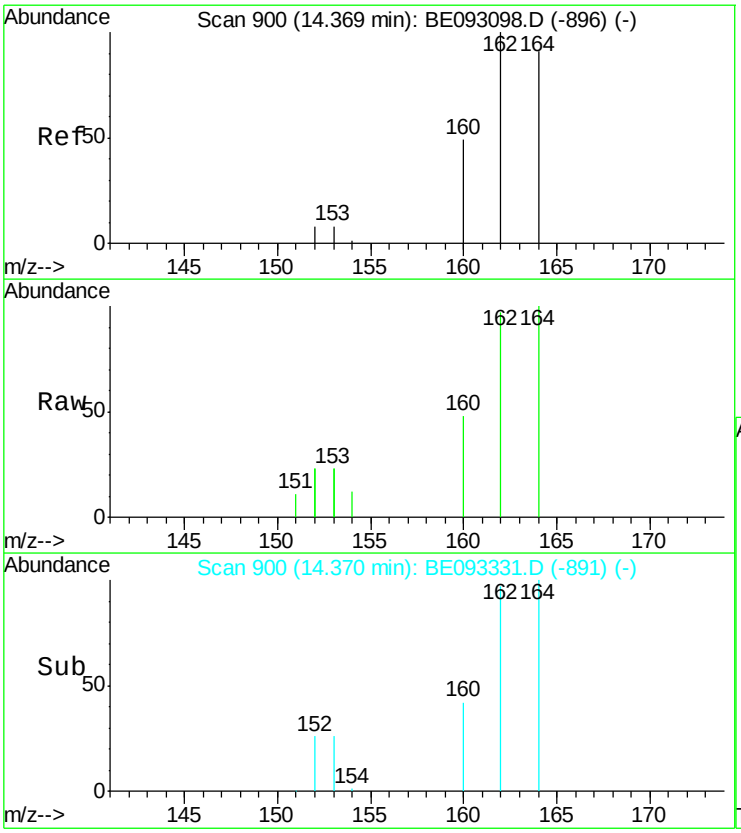
#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:142 Resp: 57

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.6	108.8
115	72.0	32.2	48.2#

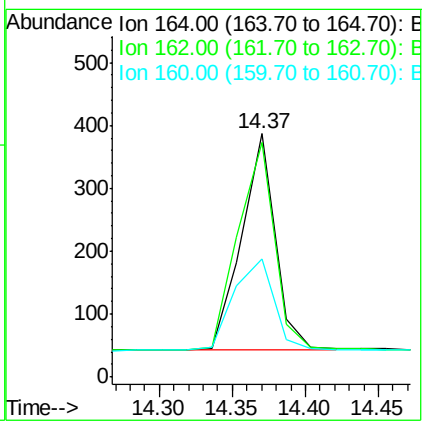


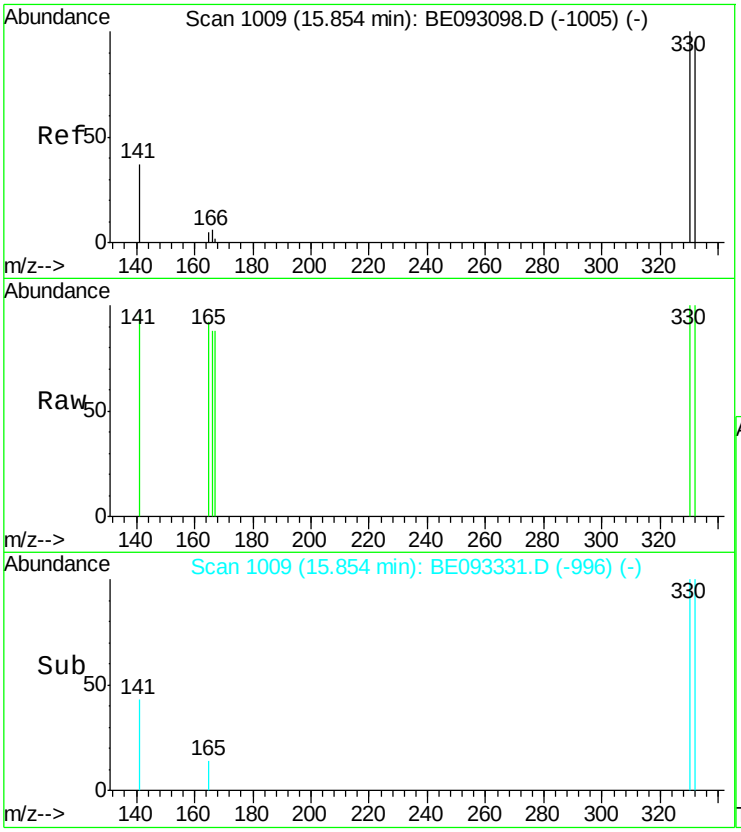


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion:164 Resp: 554

Ion	Ratio	Lower	Upper
164	100		
162	96.6	84.6	127.0
160	48.3	41.8	62.6



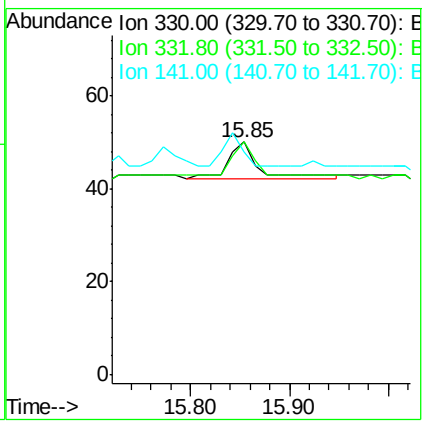


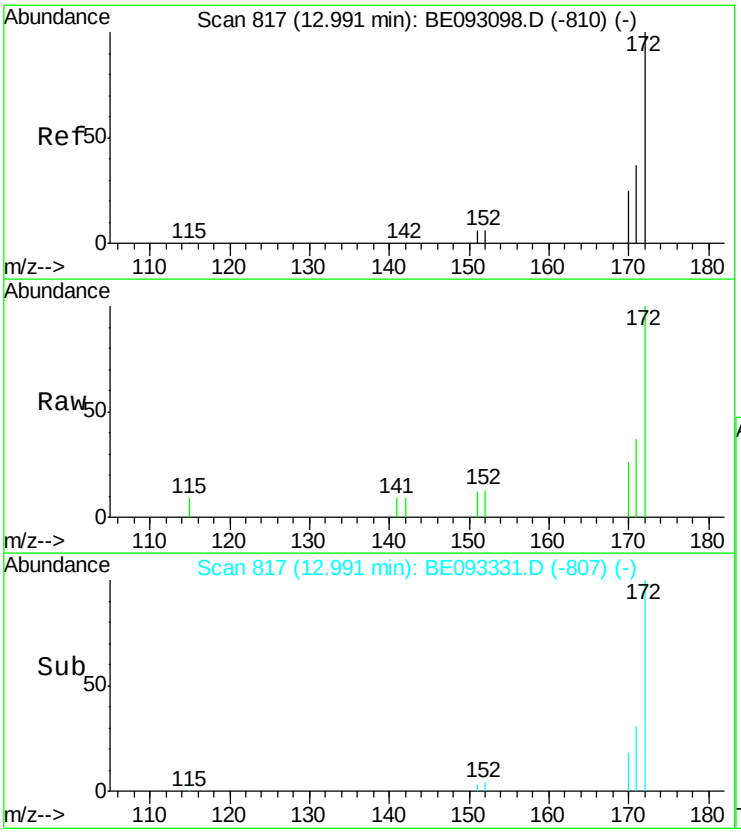
#14
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:330 Resp: 19

Ion	Ratio	Lower	Upper
330	100		
332	52.6	77.7	116.5#
141	47.4	56.2	84.4#

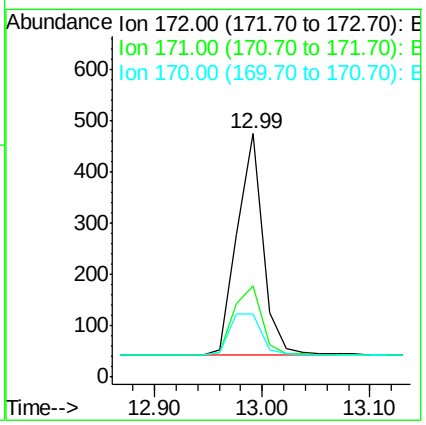


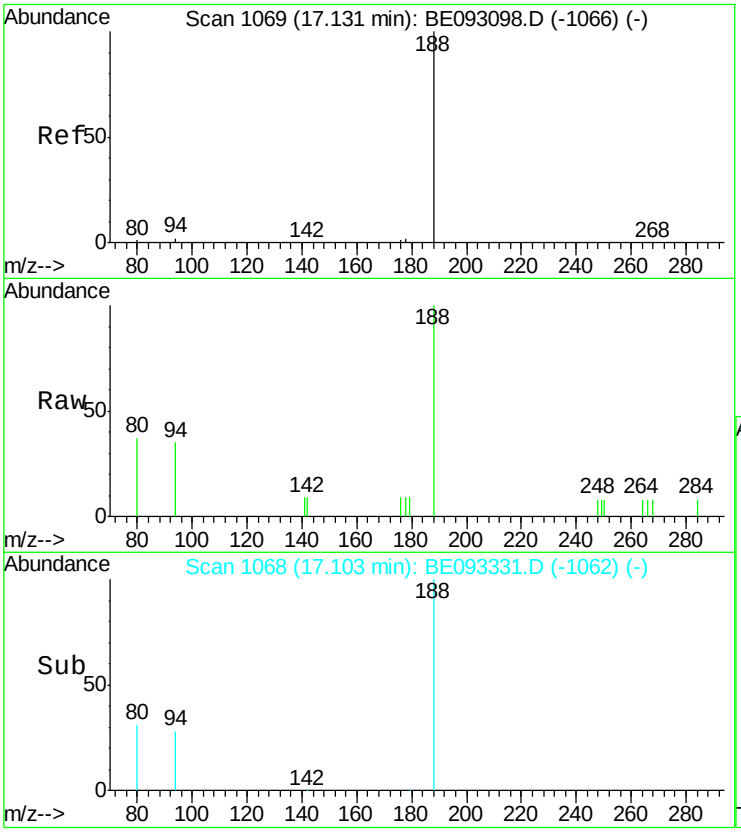


#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion:172 Resp: 723

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.9	20.7	31.1



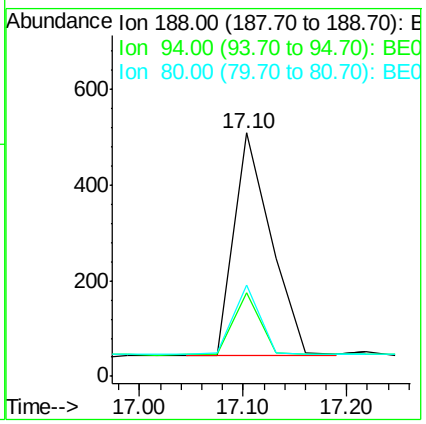


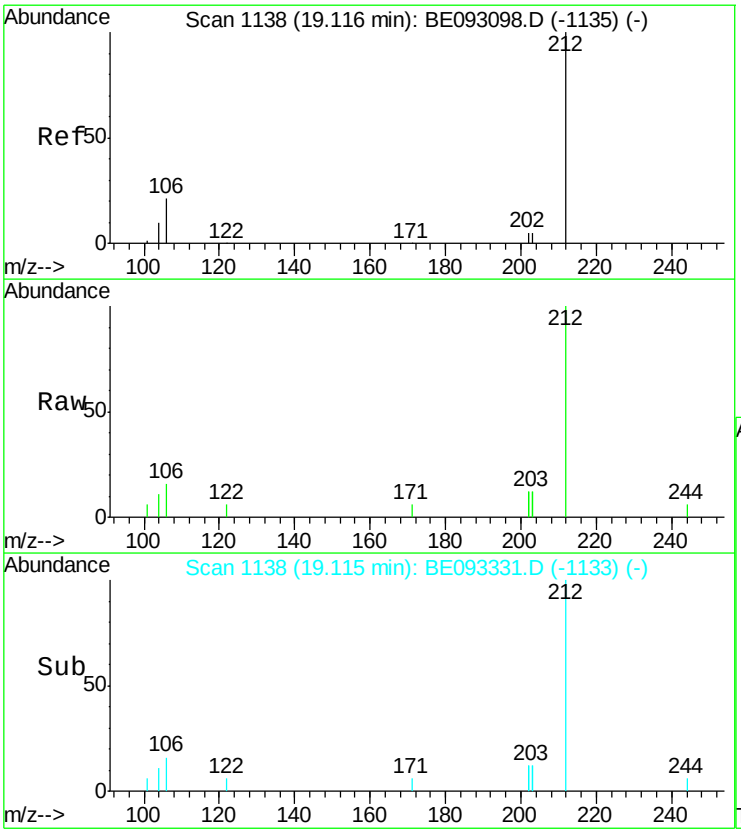
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.10 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:188 Resp: 1177

Ion	Ratio	Lower	Upper
188	100		
94	34.6	11.3	16.9#
80	37.3	11.7	17.5#

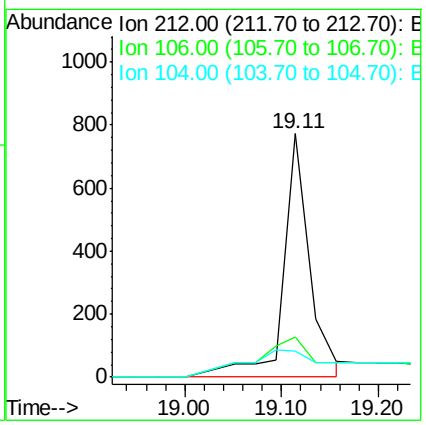


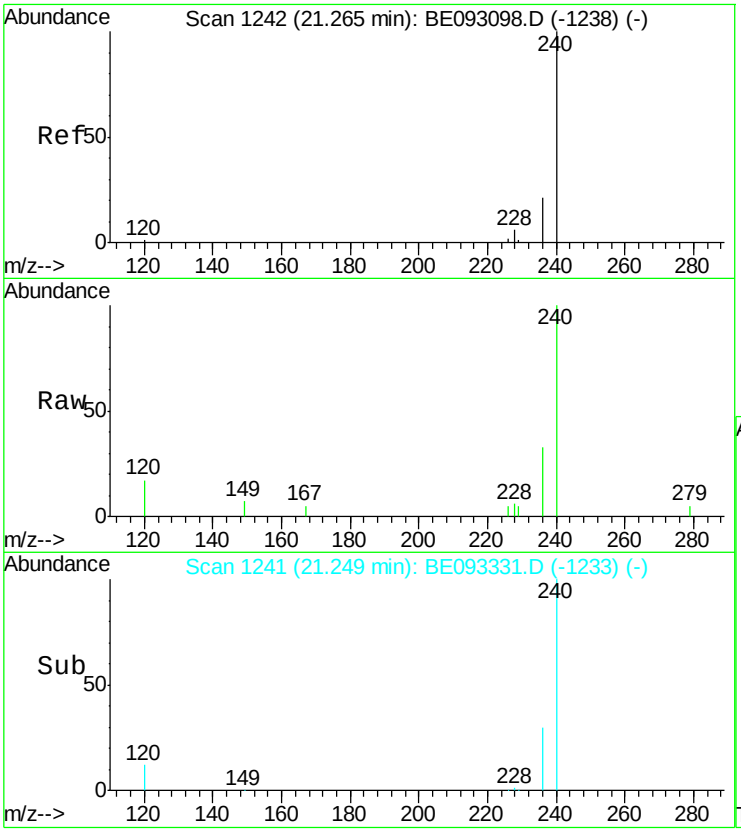


#25
Fluoranthene-d10
Concen: 0.46 ng
RT: 19.11 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion:212 Resp: 1772

Ion	Ratio	Lower	Upper
212	100		
106	35.3	0.0	0.0#
104	0.0	0.0	0.0



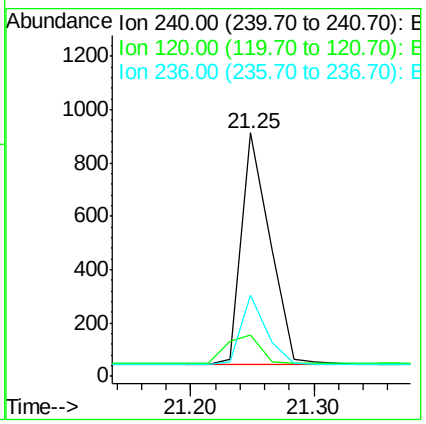


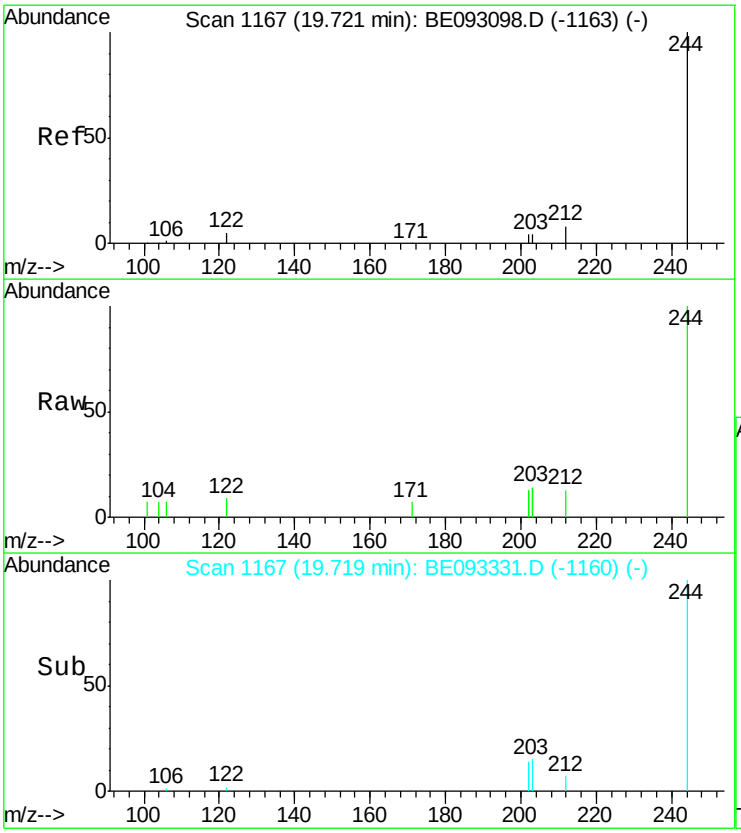
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:240 Resp: 1411

Ion	Ratio	Lower	Upper
240	100		
120	17.1	4.6	7.0#
236	33.4	20.8	31.2#

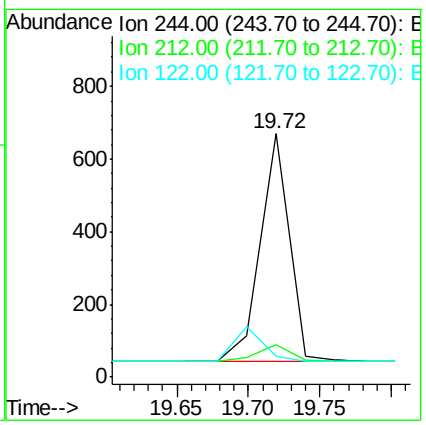


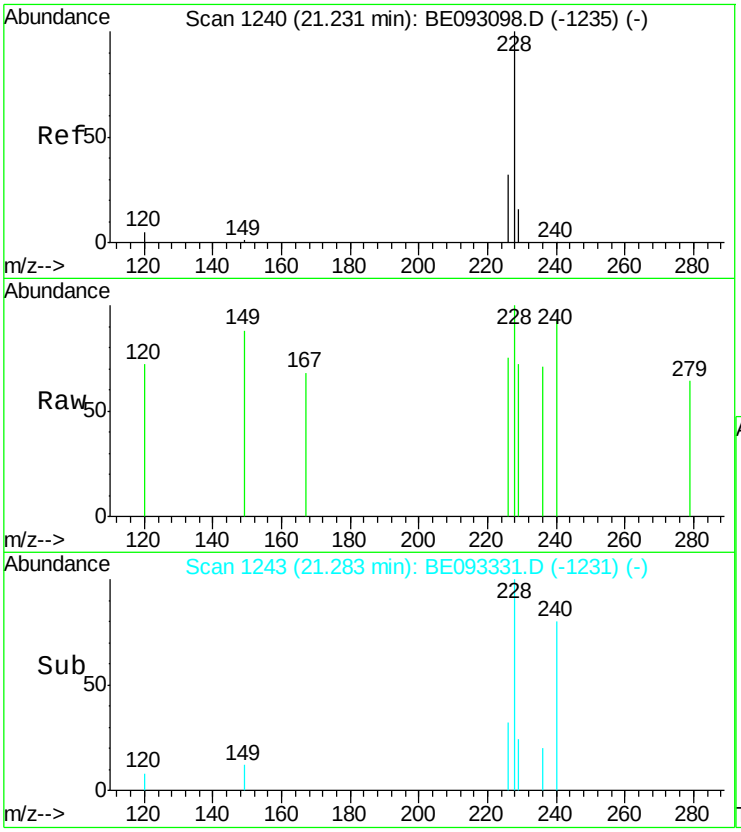


#29
Terphenyl-d14
Concen: 0.33 ng
RT: 19.72 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion:244 Resp: 895

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.6	16.0
122	8.5	15.4	23.0#



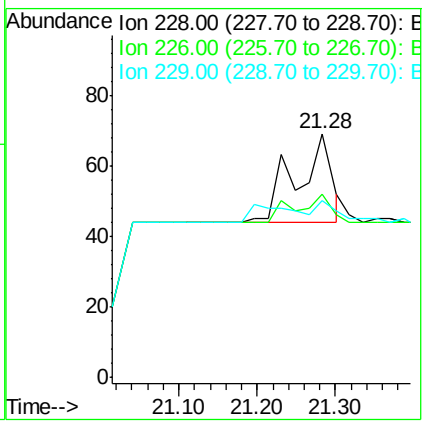


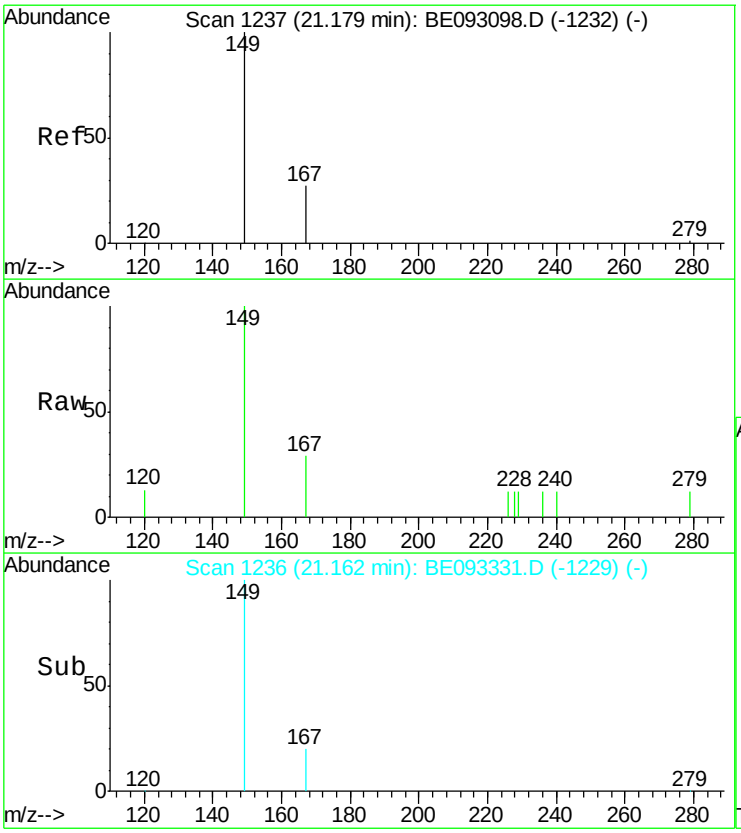
#30
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.28 min Scan# 1243
Delta R.T. 0.05 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:228 Resp: 77

Ion	Ratio	Lower	Upper
228	100		
226	75.4	19.7	29.5#
229	72.5	19.2	28.8#

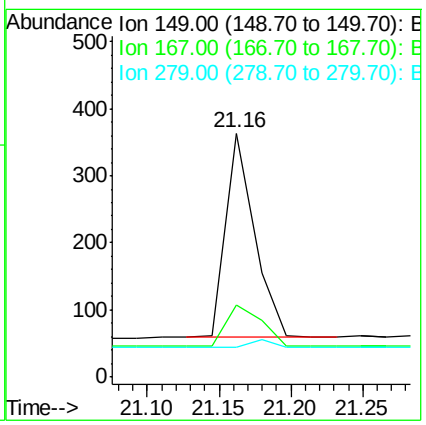


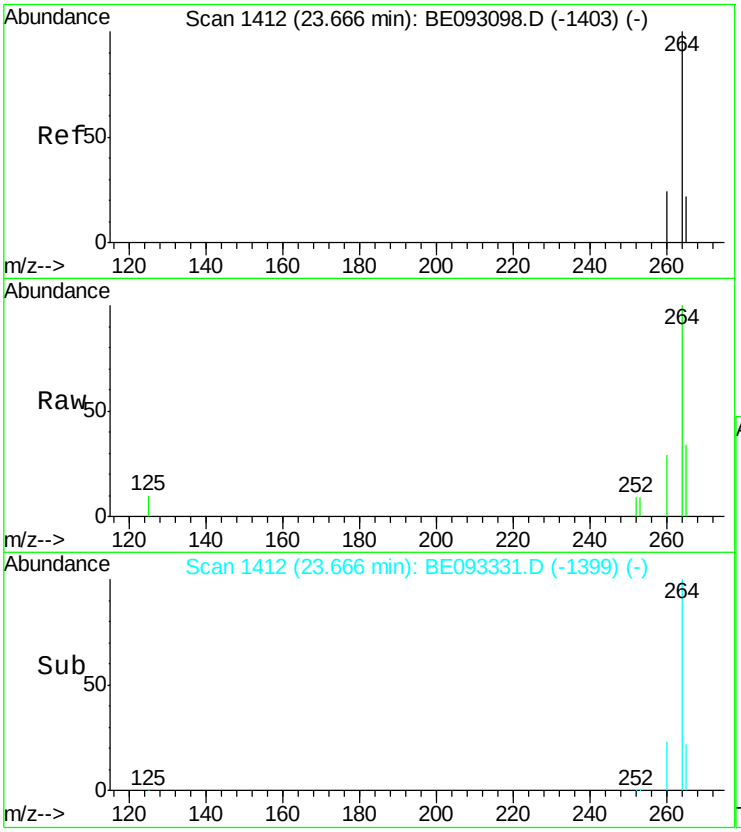


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.16 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion:149 Resp: 423

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.1	30.1
279	0.0	2.2	3.4#



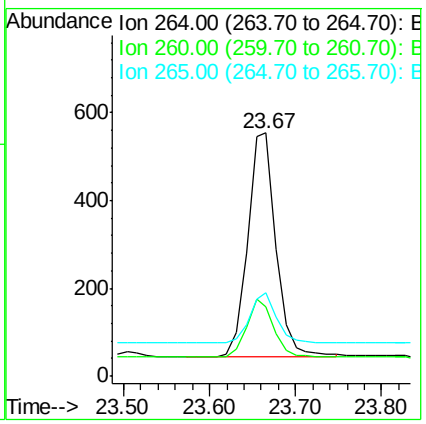


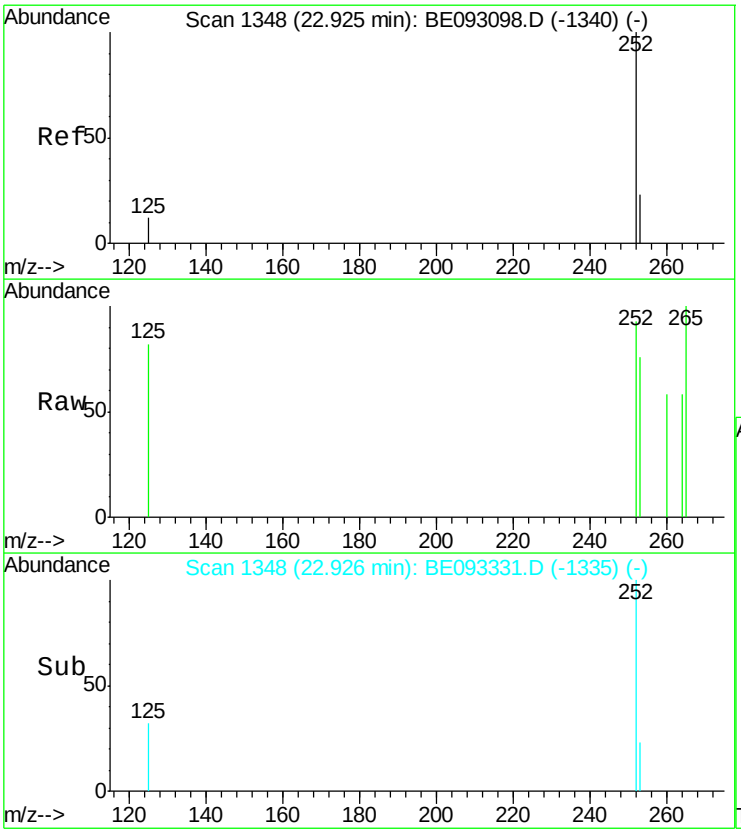
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.67 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:264 Resp: 1166

Ion	Ratio	Lower	Upper
264	100		
260	28.7	21.0	31.4
265	34.1	24.6	36.8

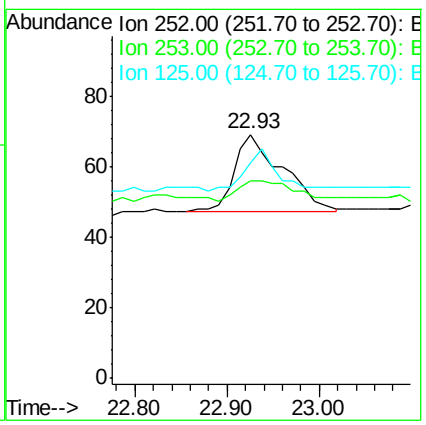


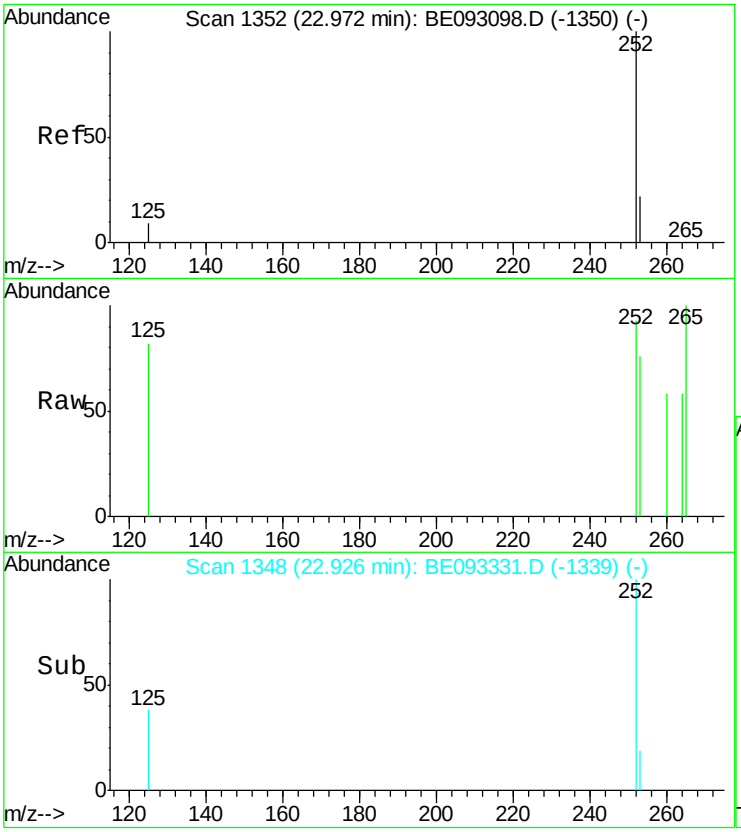


#35
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.93 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Tgt Ion:252 Resp: 82

Ion	Ratio	Lower	Upper
252	100		
253	81.2	18.5	27.7#
125	88.4	13.4	20.0#





#36
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.93 min Scan# 1348
Delta R.T. -0.05 min
Lab File: BE093331.D
Acq: 22 Jun 2017 16:46

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170613

Tgt Ion:252 Resp: 83

Ion	Ratio	Lower	Upper
252	100		
253	81.2	20.3	30.5#
125	88.4	12.2	18.4#