Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093113.D
Acq On : 12 Jun 2017 22:13
Operator : SJ/MA
Sample : I3460-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-108

Quant Time: Jun 13 02:09:57 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	7.75	152	563	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	2911	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	1407	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	2892	0.40	ng		0.00
27) Chrysene-d12	21.27	240	4880	0.40	ng		0.00
34) Perylene-d12	23.67	264	4143	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	318	0.19	ng		0.00
5) Phenol-d6	6.90	99	271	0.11	ng		0.00
8) Nitrobenzene-d5	8.88	82	811	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	1476	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	156	0.49	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	3074	0.51	ng		0.00
25) Fluoranthene-d10	19.11	212	4271	0.45	ng		0.00
29) Terphenyl-d14	19.72	244	4248	0.45	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.56	128	2324	0.298	ng		98
12) 2-Methylnaphthalene	12.18	142	581	0.120	ng		95
26) Fluoranthene	19.16	202	1181	0.025	ng	#	91
28) Pyrene	19.51	202	1404	0.024	ng	#	85
32) Bis(2-ethylhexyl)phthalate	21.18	149	1018	0.174	ng		95

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

Quantitation Report (QT Reviewed)

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Operator : SJ/MA
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
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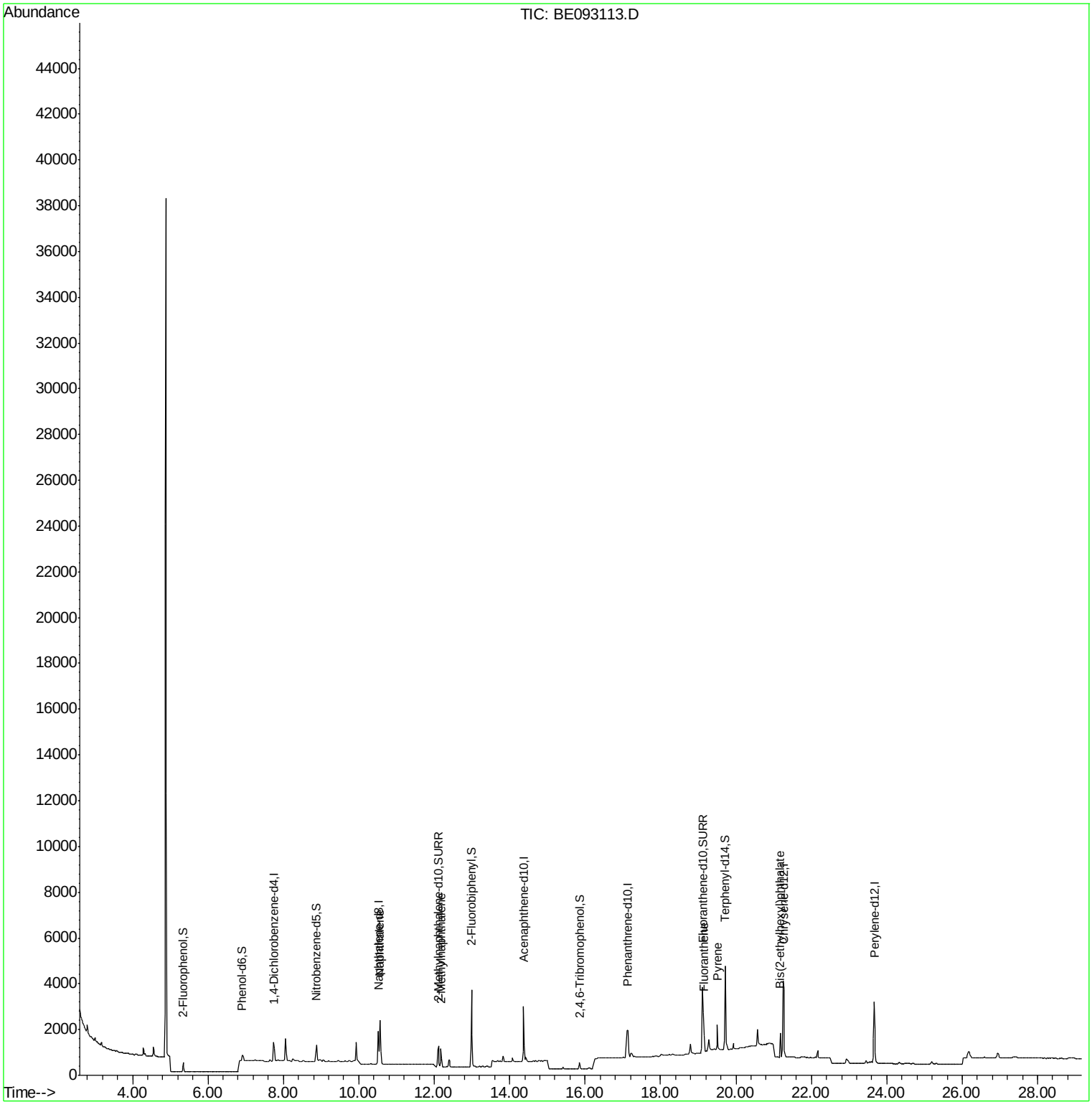
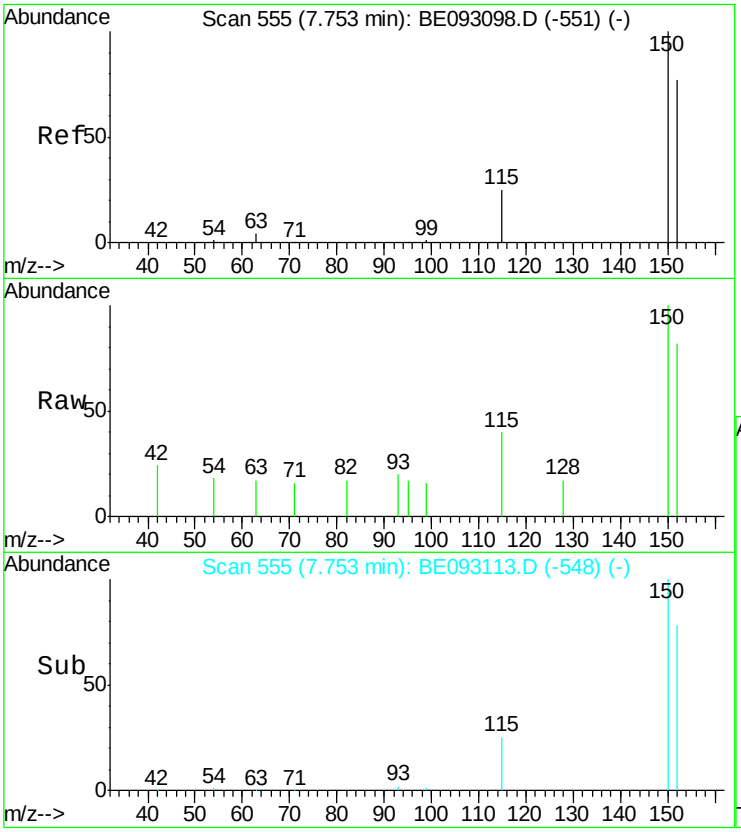


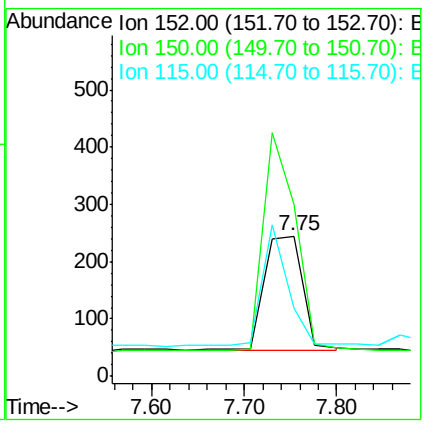


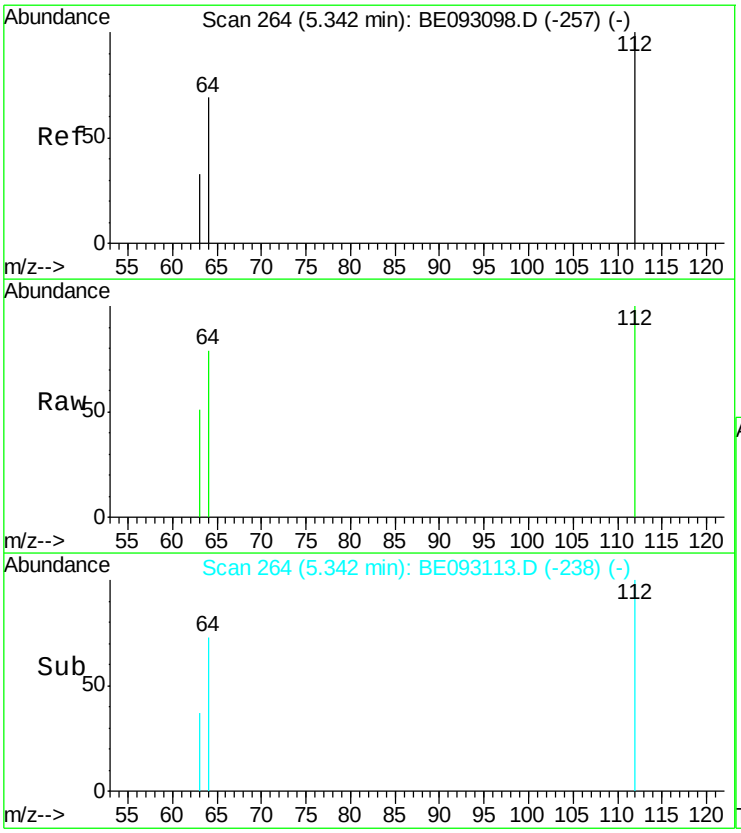
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:152 Resp: 563

Ion	Ratio	Lower	Upper
152	100		
150	122.4	125.1	187.7#
115	48.6	55.7	83.5#

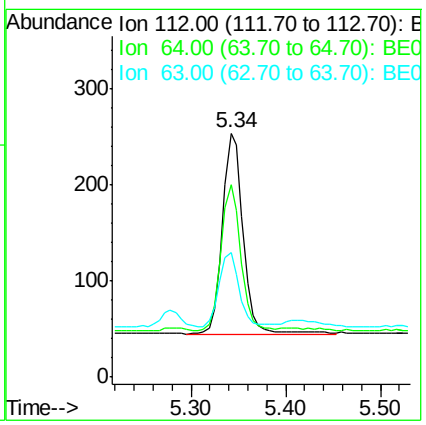


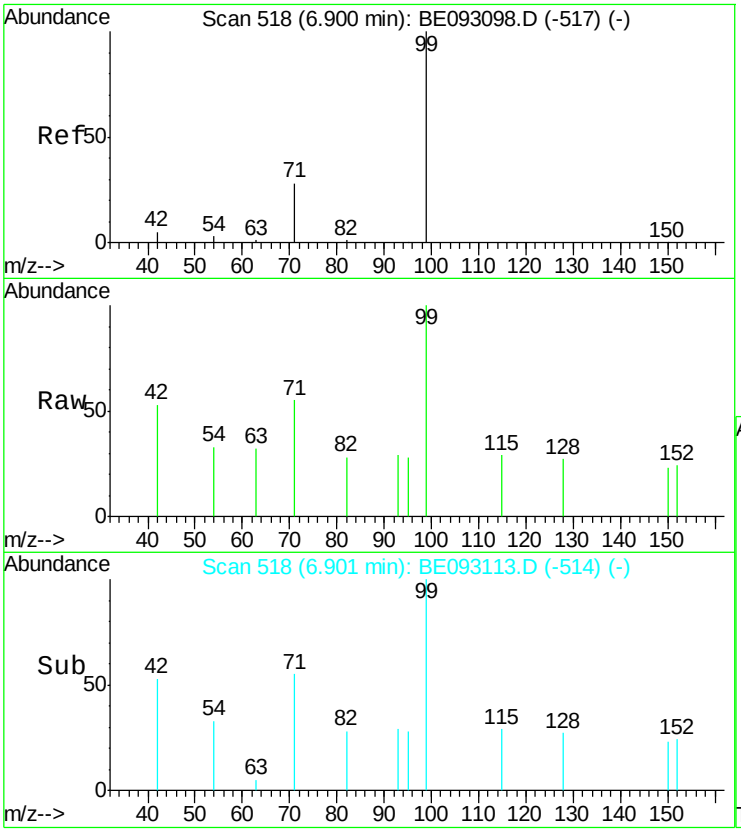


#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:112 Resp: 318

Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.4	84.6
63	35.5	29.3	43.9



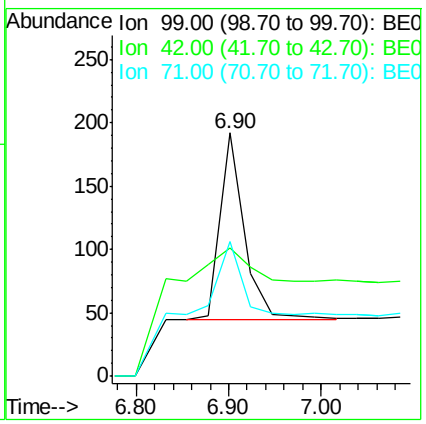


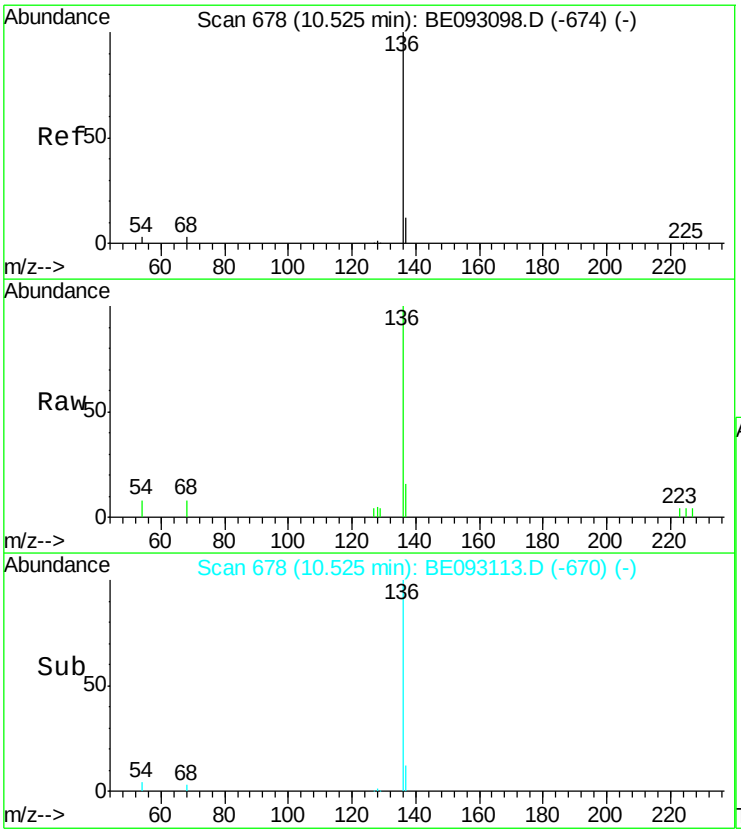
#5
Phenol-d6
Concen: 0.111 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion: 99 Resp: 271

Ion	Ratio	Lower	Upper
99	100		
42	25.8	0.0	0.0#
71	36.9	0.0	0.0#

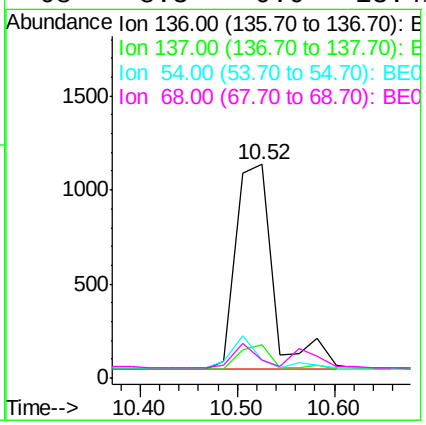


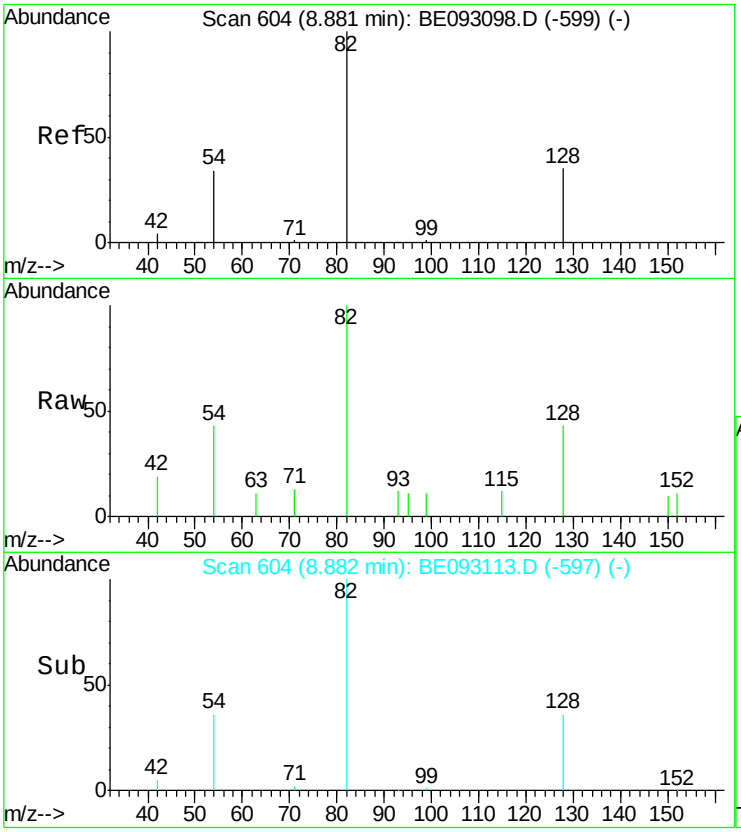


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:136 Resp: 2911

Ion	Ratio	Lower	Upper
136	100		
137	15.6	9.8	14.8#
54	8.2	10.3	15.5#
68	8.3	9.0	13.4#



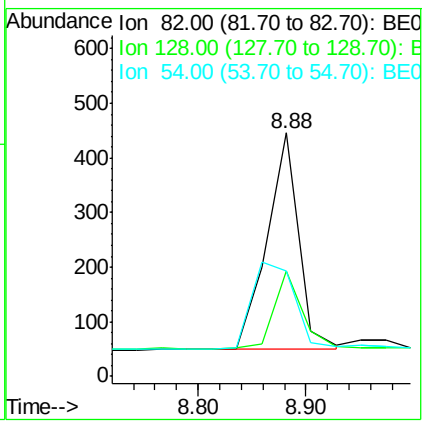


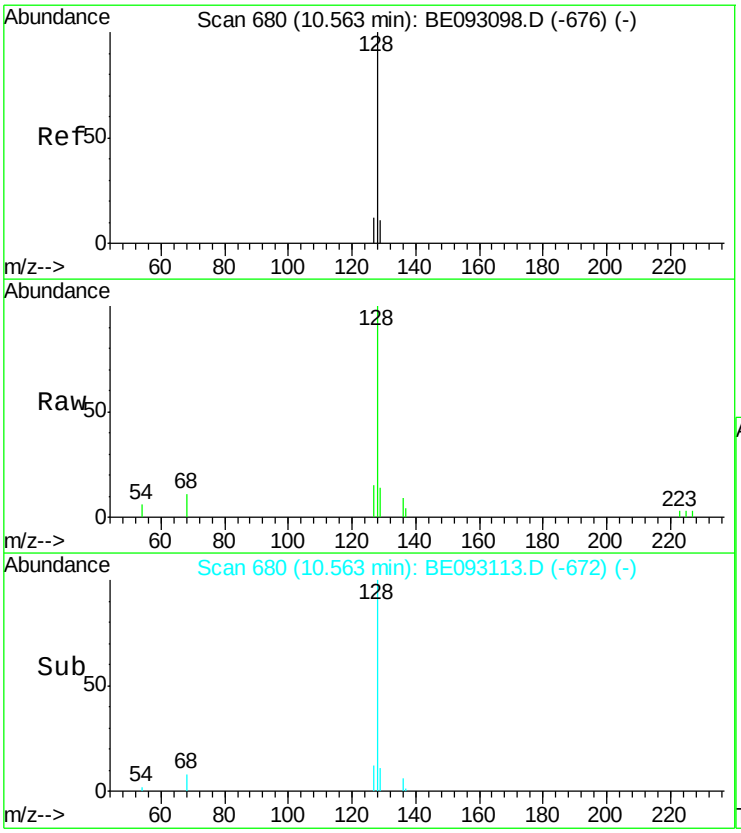
#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion: 82 Resp: 811

Ion	Ratio	Lower	Upper
82	100		
128	43.3	17.0	25.4#
54	43.0	53.8	80.6#

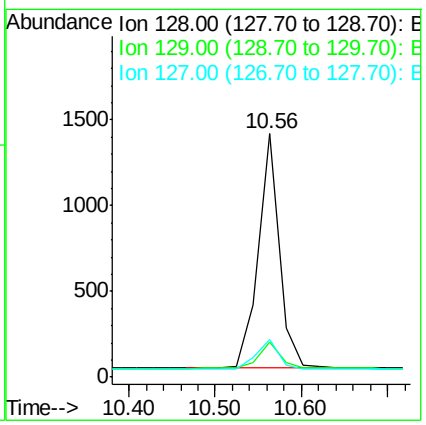


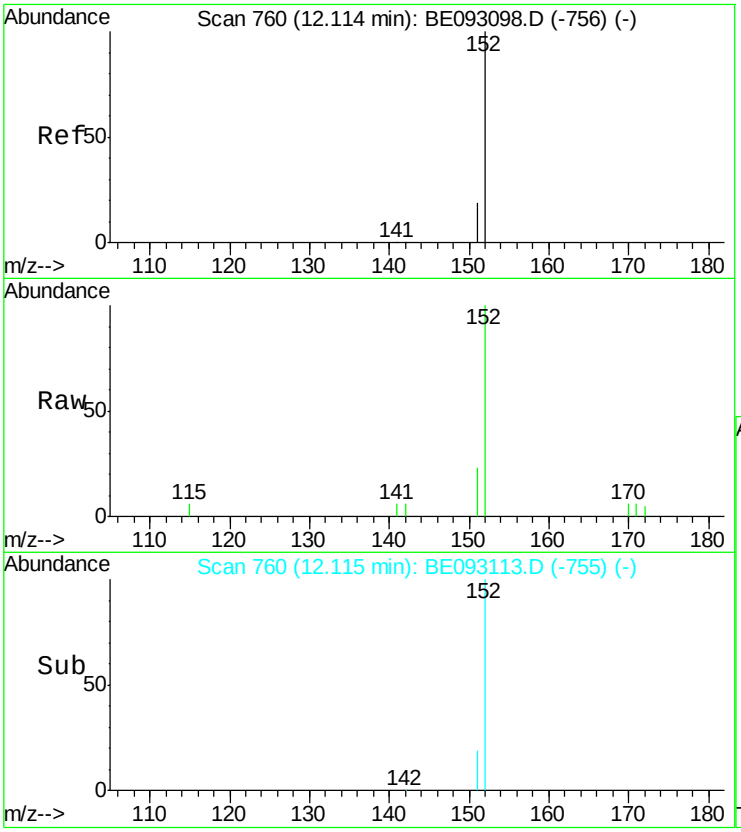


#9
Naphthalene
Concen: 0.298 ng
RT: 10.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:128 Resp: 2324

Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.4	17.0
127	15.3	11.2	16.8



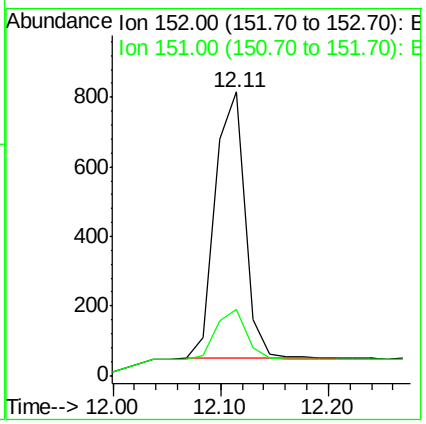


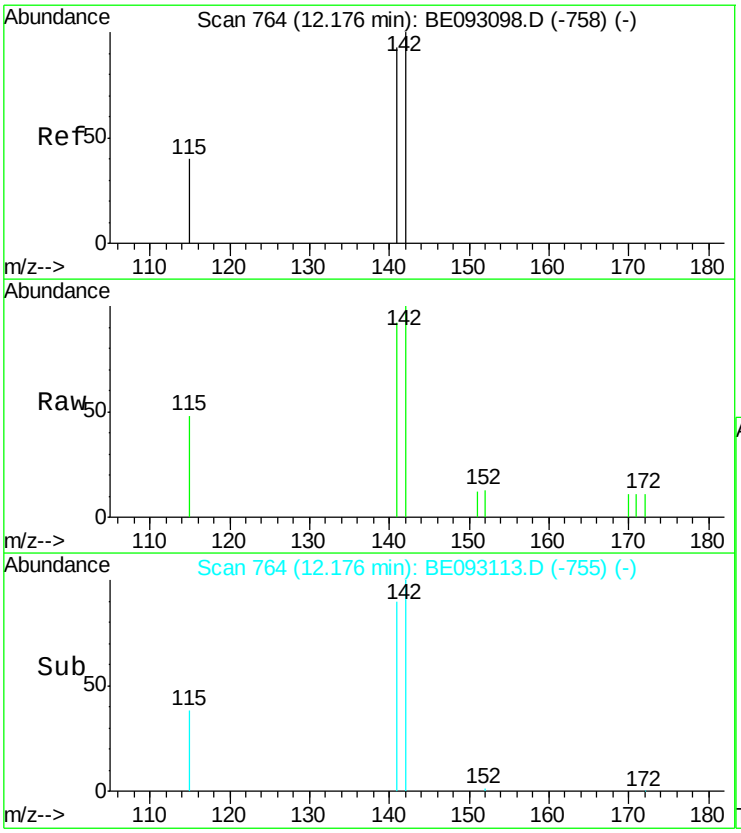
#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:152 Resp: 1476

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

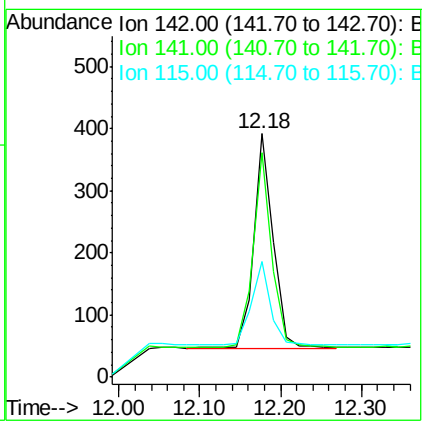


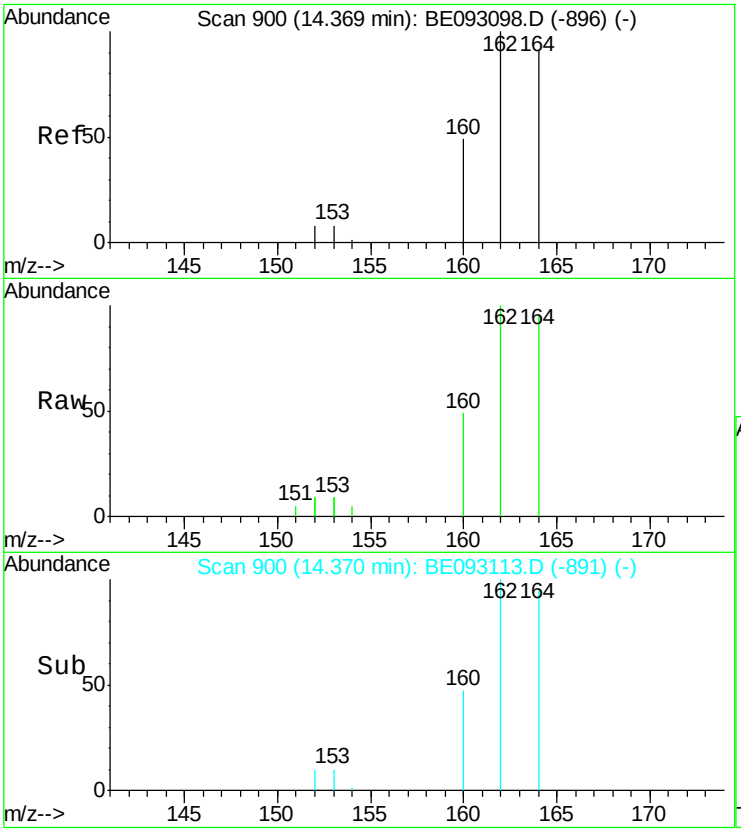


#12
2-Methylnaphthalene
Concen: 0.120 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:142 Resp: 581

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	108.8
115	47.7	32.2	48.2



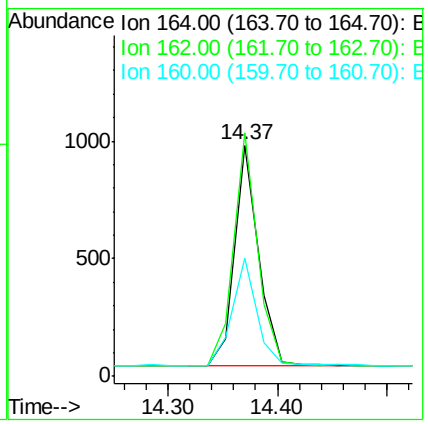


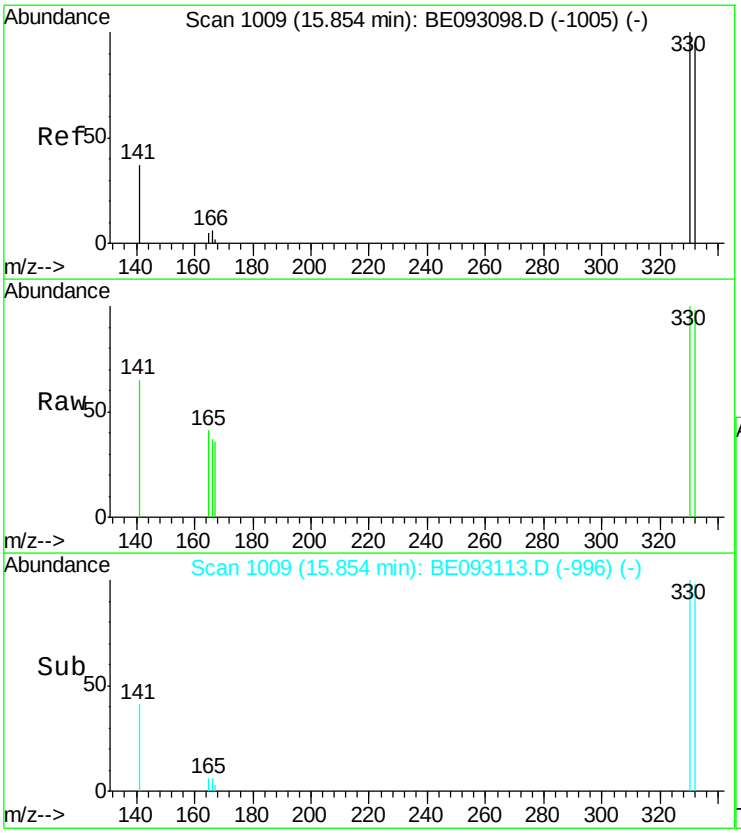
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:164 Resp: 1407

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.6	127.0
160	51.4	41.8	62.6

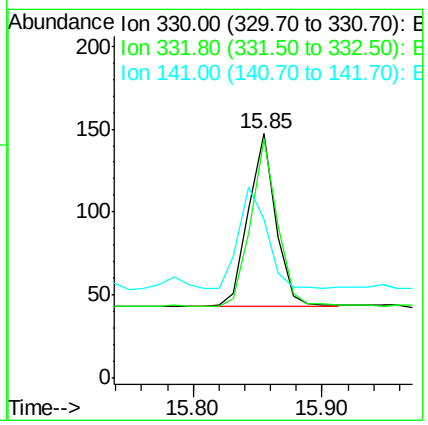


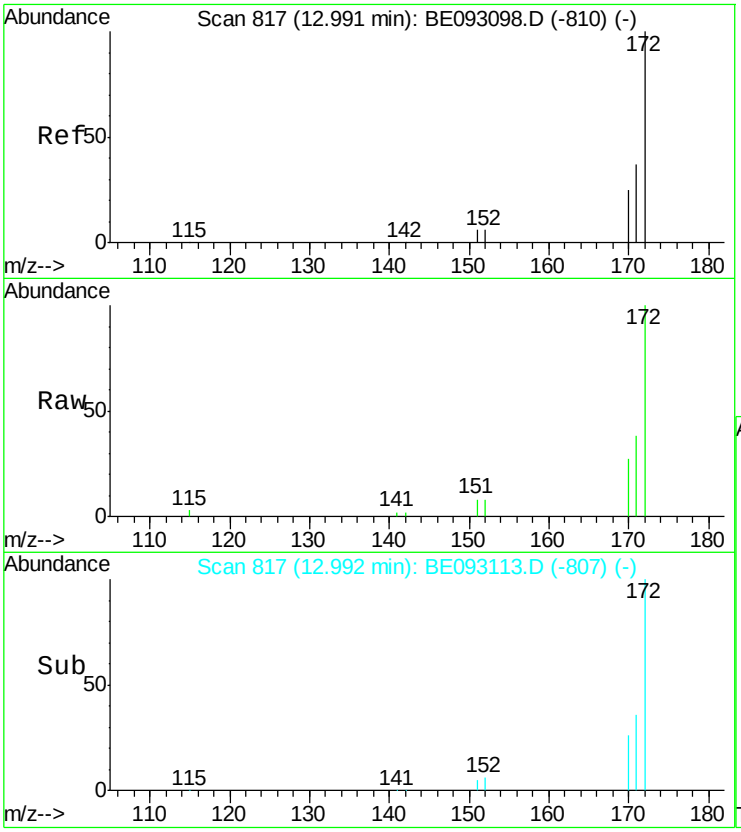


#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:330 Resp: 156

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	60.9	56.2	84.4



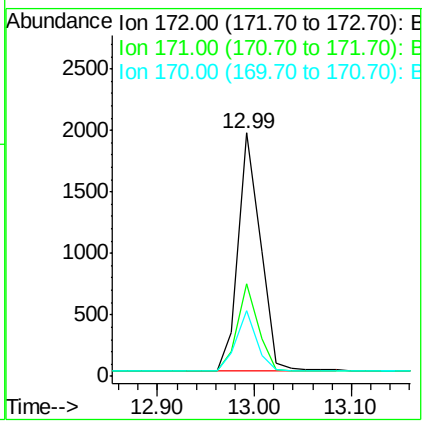


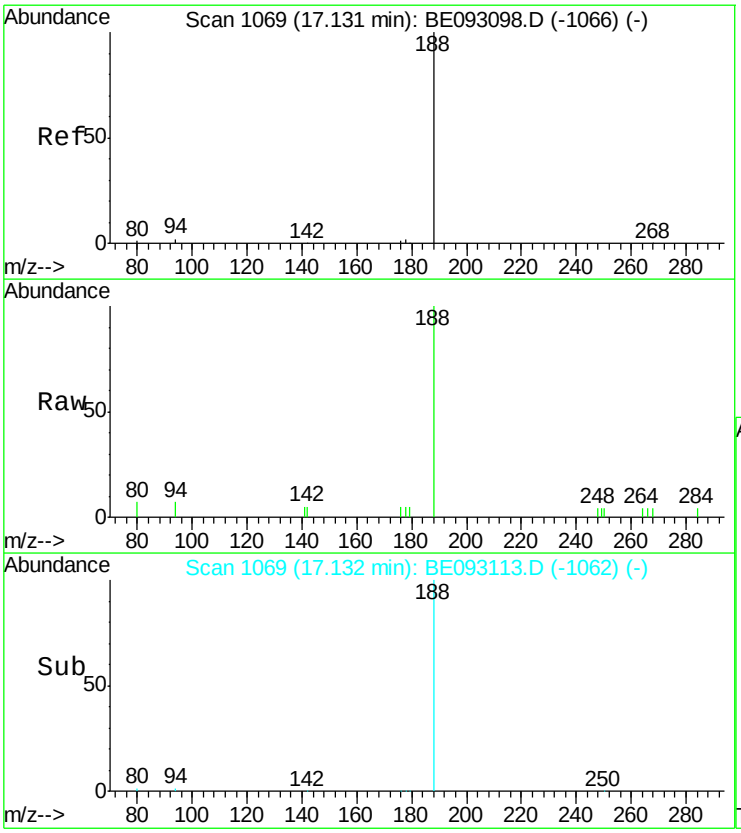
#15
2-Fluorobiphenyl
Concen: 0.512 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:172 Resp: 3074

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	27.2	20.7	31.1

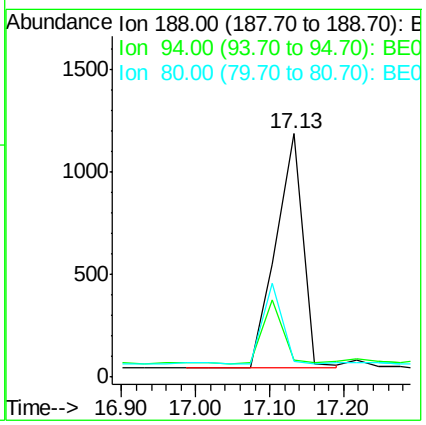


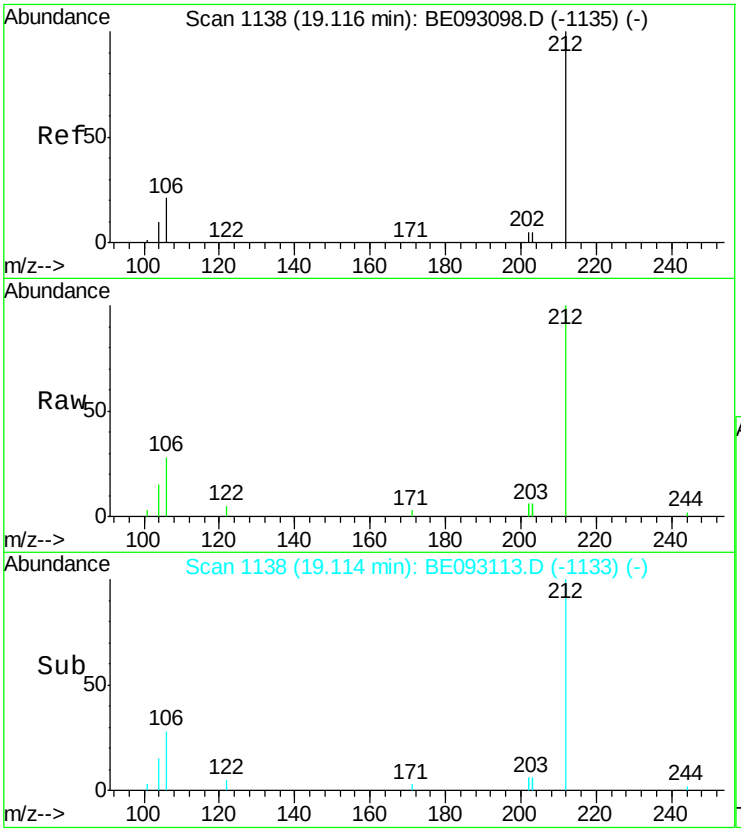


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:188 Resp: 2892

Ion	Ratio	Lower	Upper
188	100		
94	7.1	11.3	16.9#
80	6.7	11.7	17.5#



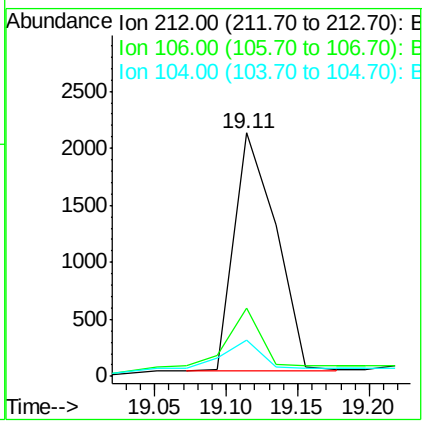


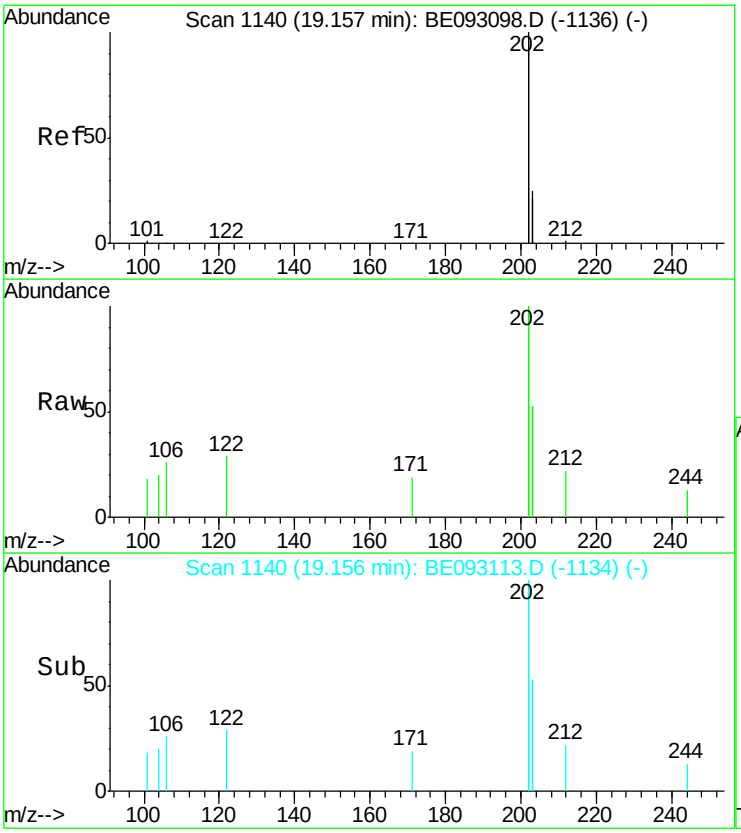
#25
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.11 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:212 Resp: 4271

Ion	Ratio	Lower	Upper
212	100		
106	19.0	0.0	0.0#
104	10.3	0.0	0.0#

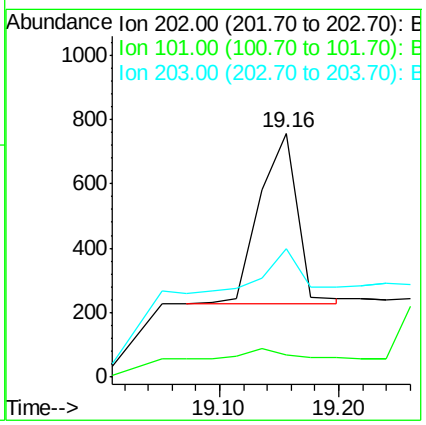


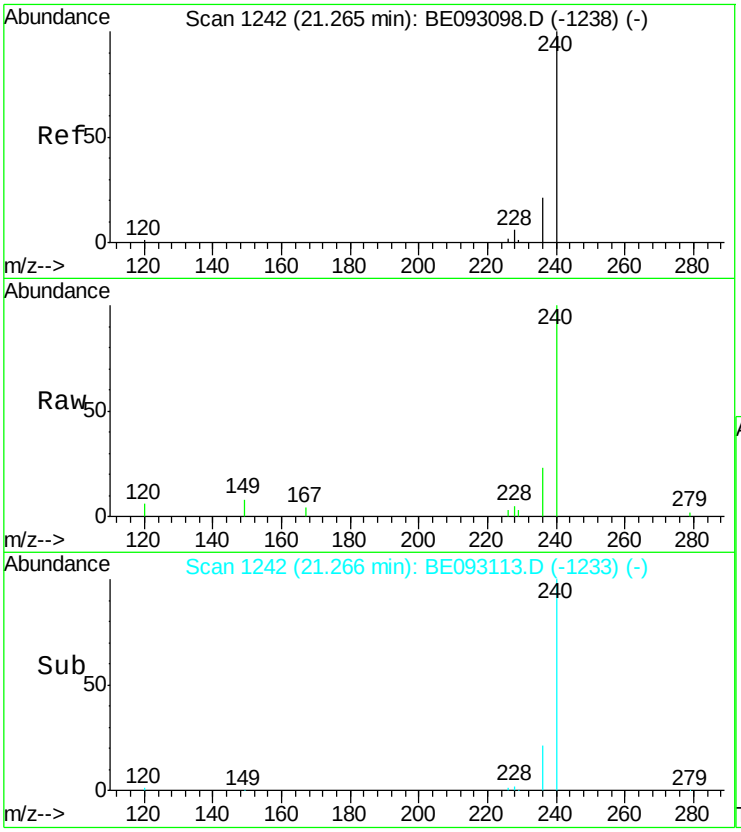


#26
Fluoranthene
Concen: 0.025 ng
RT: 19.16 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:202 Resp: 1181

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	22.0	14.4	21.6#



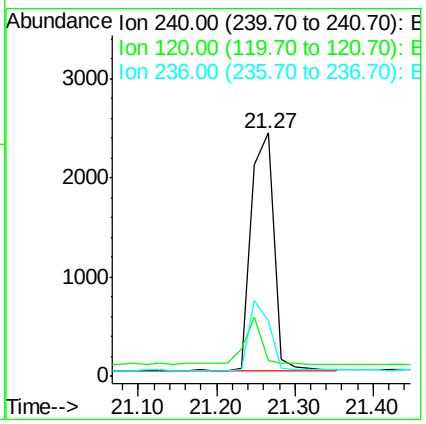


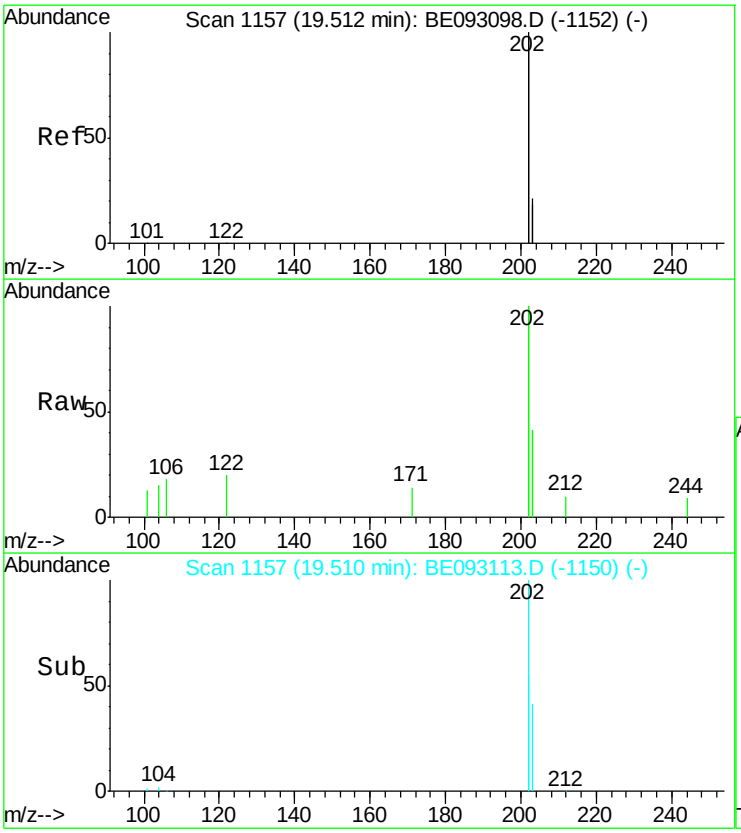
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:240 Resp: 4880

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.6	7.0
236	23.0	20.8	31.2

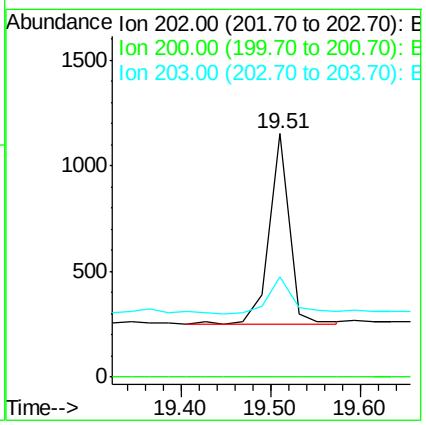


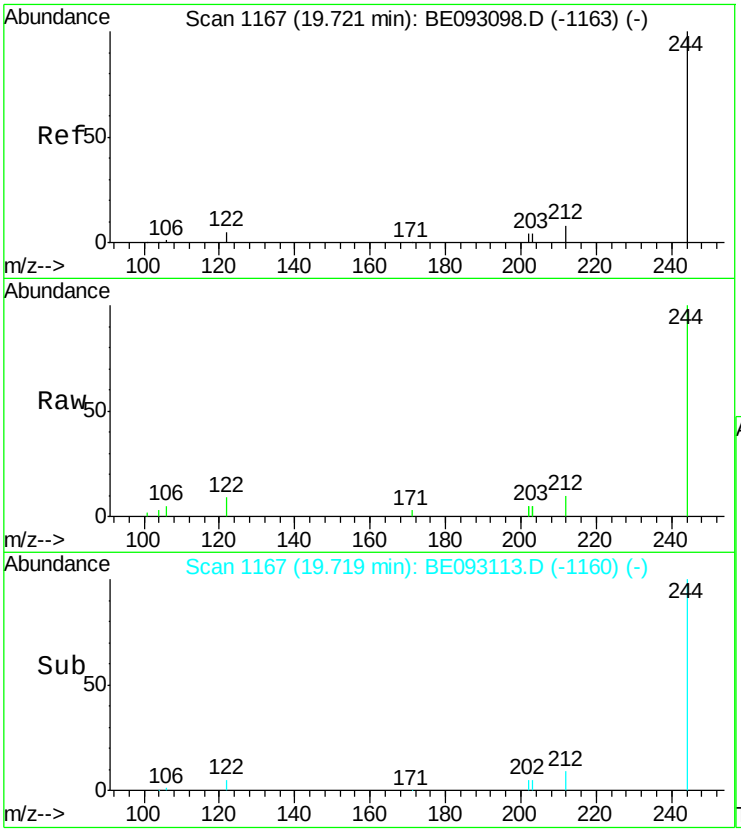


#28
Pyrene
Concen: 0.024 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:202 Resp: 1404

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	23.5	13.7	20.5#



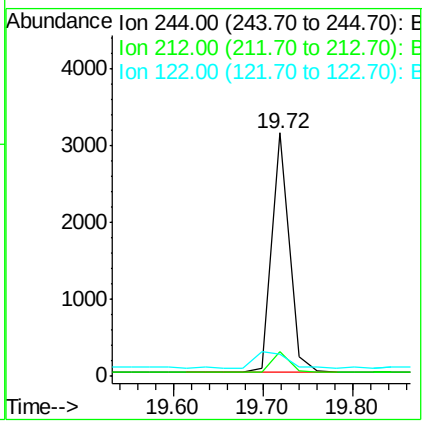


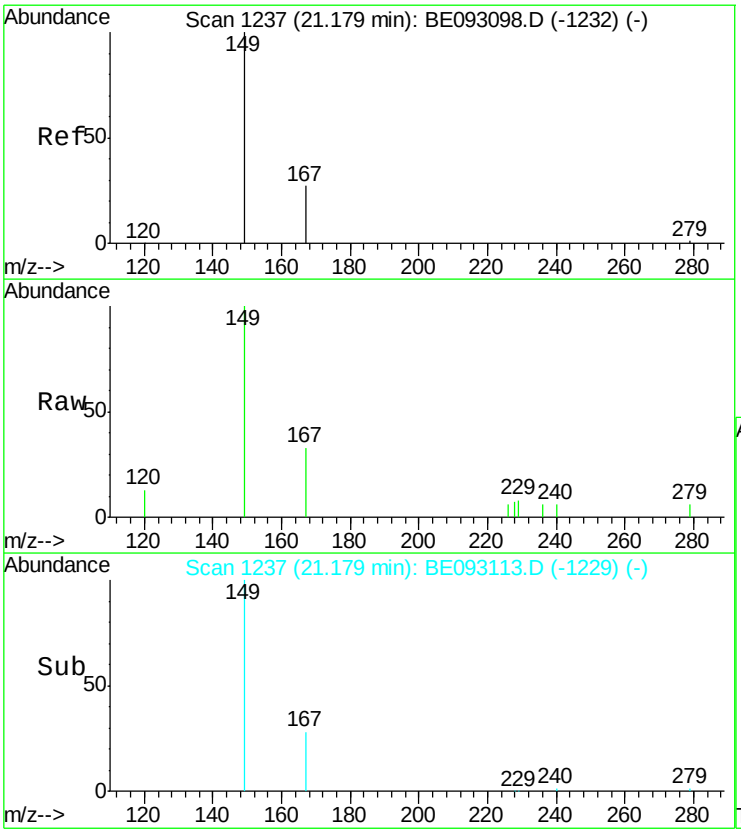
#29
Terphenyl-d14
Concen: 0.451 ng
RT: 19.72 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:244 Resp: 4248

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.6	16.0#
122	9.1	15.4	23.0#

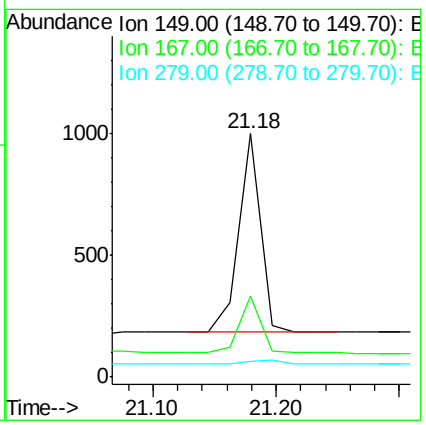


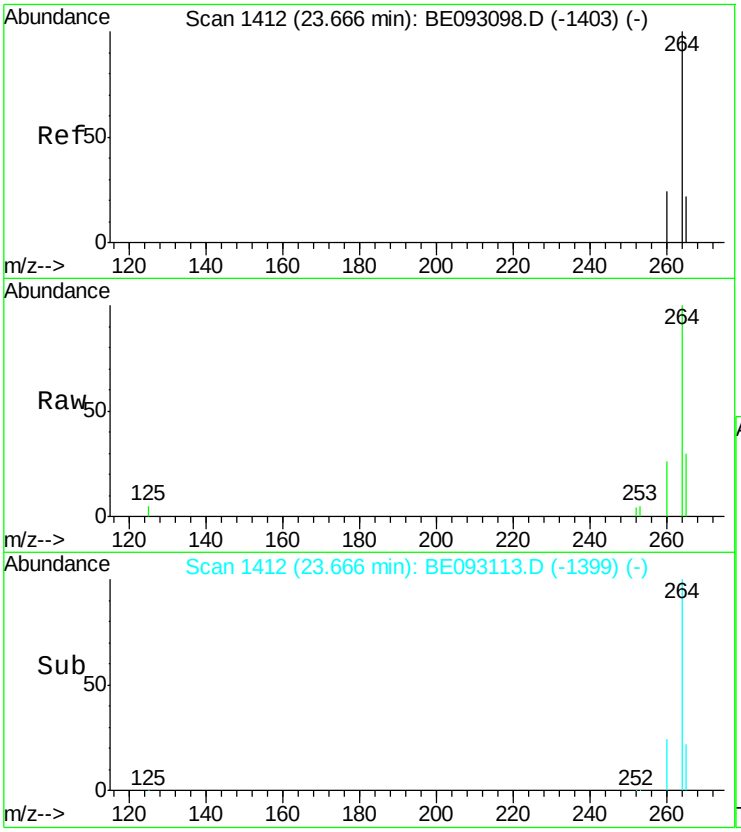


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.174 ng
RT: 21.18 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Tgt Ion:149 Resp: 1018

Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.1	30.1
279	2.8	2.2	3.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE093113.D
Acq: 12 Jun 2017 22:13

Instrument :
BNA_E
ClientSampleId :
MW-108

Tgt Ion:264 Resp: 4143

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.4
265	29.8	24.6	36.8