Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
Data File : BE093659.D
Acq On : 3 Aug 2017 16:24
Operator : SJ/JU
Sample : I4425-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 04 04:13:35 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2743	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13753	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	9375	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	22006	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21968	0.40	ng	-0.01
34) Perylene-d12	23.91	264	19782	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	652	0.08	ng	0.00
5) Phenol-d6	7.10	99	882	0.07	ng	0.00
8) Nitrobenzene-d5	9.06	82	1661	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	1245	0.06	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	117	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1635	0.04	ng	-0.02
25) Fluoranthene-d10	19.27	212	11535	0.05	ng	0.00
29) Terphenyl-d14	19.86	244	2232	0.06	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.76	128	33447	0.210	ng	# 94
12) 2-Methylnaphthalene	12.36	142	4973	0.189	ng	# 93
16) Acenaphthylene	14.24	152	3099	0.069	ng	# 1
17) Acenaphthene	14.58	154	7663	0.242	ng	# 50
18) Fluorene	15.56	166	15461	0.366	ng	# 19
20) 4-Bromophenyl-phenylether	16.45	248	18	Below Cal		# 1
21) Hexachlorobenzene	16.52	284	12	Below Cal		# 100
22) Pentachlorophenol	16.97	266	96	0.173	ng	# 66
23) Phenanthrene	17.27	178	49331	1.019	ng	# 81
24) Anthracene	17.27	178	45272	0.684	ng	# 78
26) Fluoranthene	19.30	202	1990	0.026	ng	# 85
28) Pyrene	19.67	202	5232	0.074	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.30	149	4571	0.052	ng	# 96

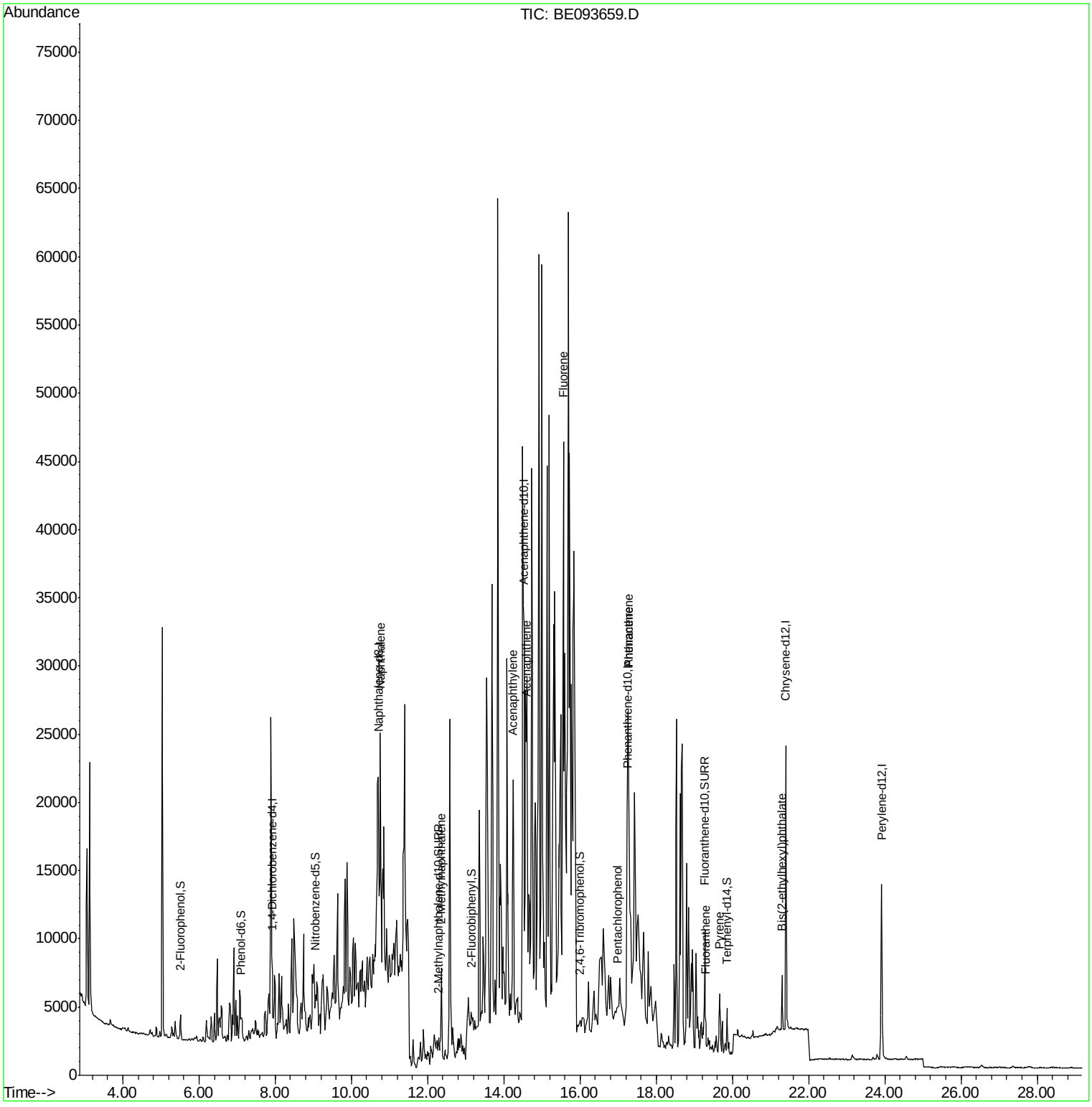
(#) = qualifier out of range (m) = manual integration (+) = signals summed

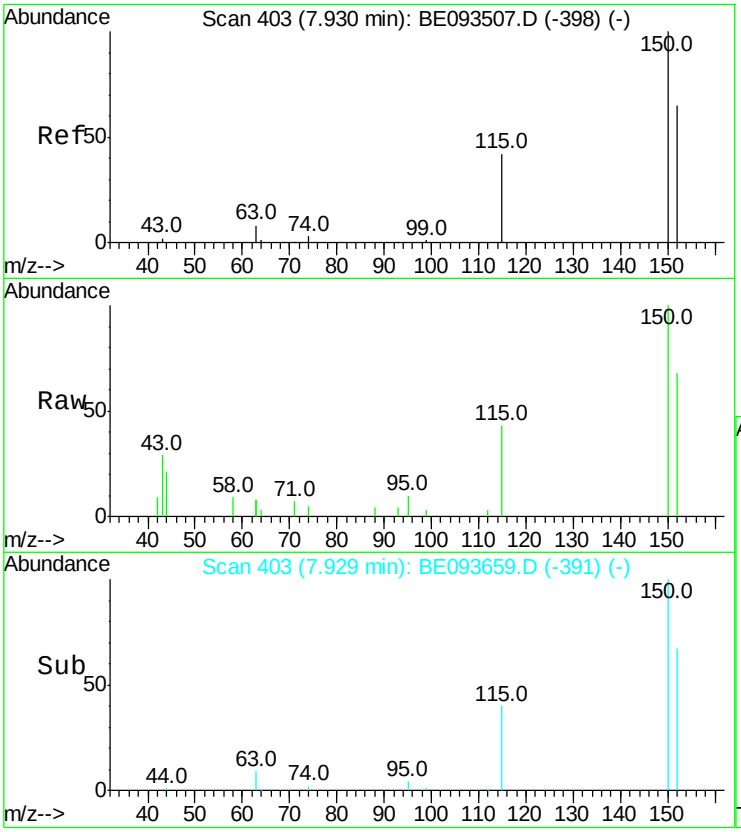
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
Data File : BE093659.D
Acq On : 3 Aug 2017 16:24
Operator : SJ/JU
Sample : I4425-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 04 04:13:35 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration



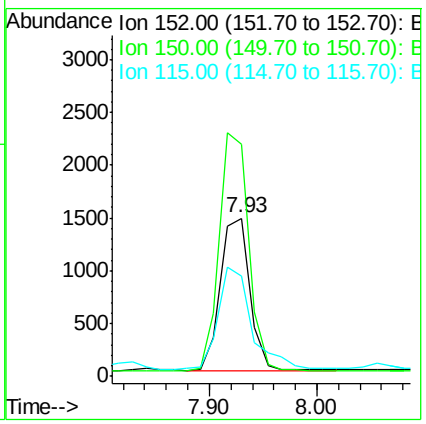


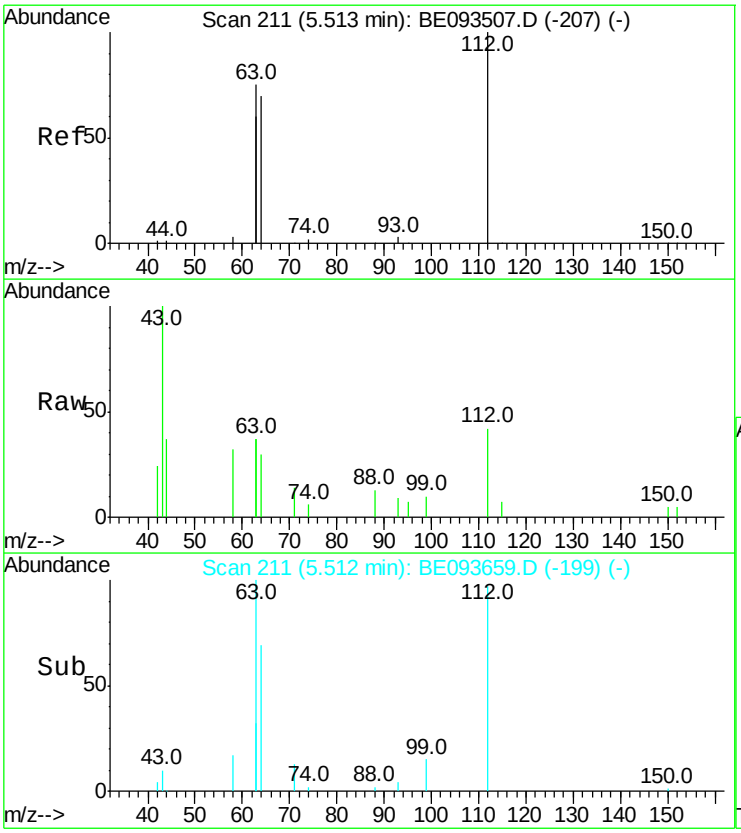
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2743

Ion	Ratio	Lower	Upper
152	100		
150	147.0	125.1	187.7
115	63.5	55.7	83.5

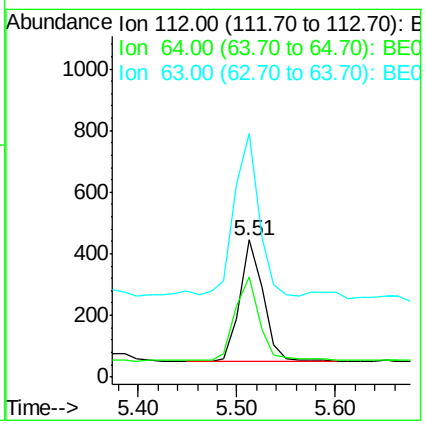


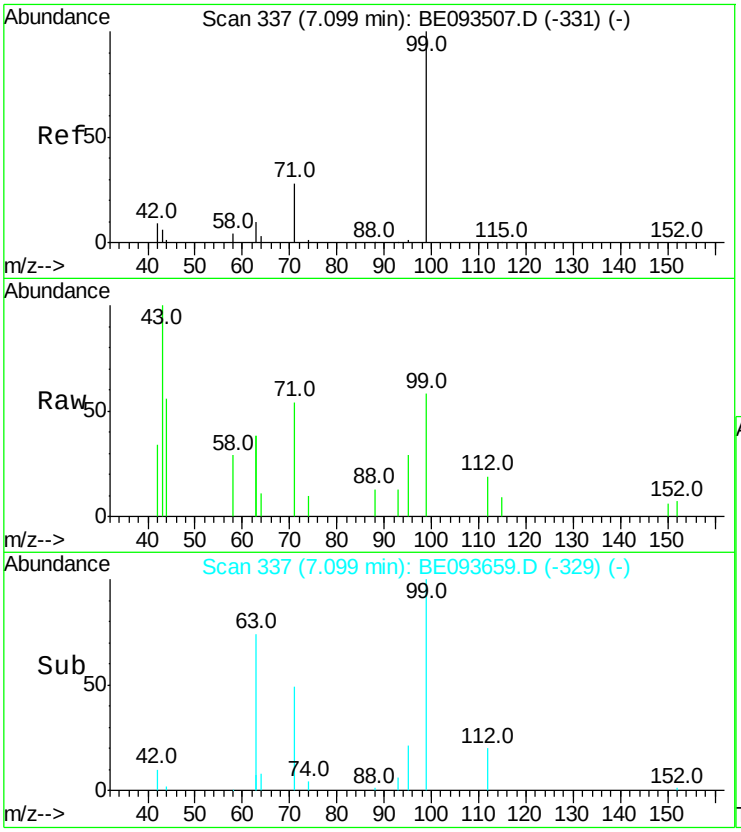


#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:112 Resp: 652

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	144.6	29.3	43.9#



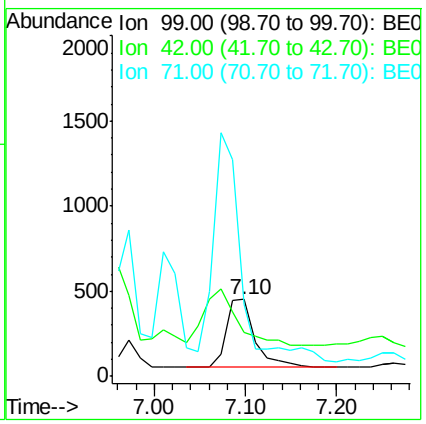


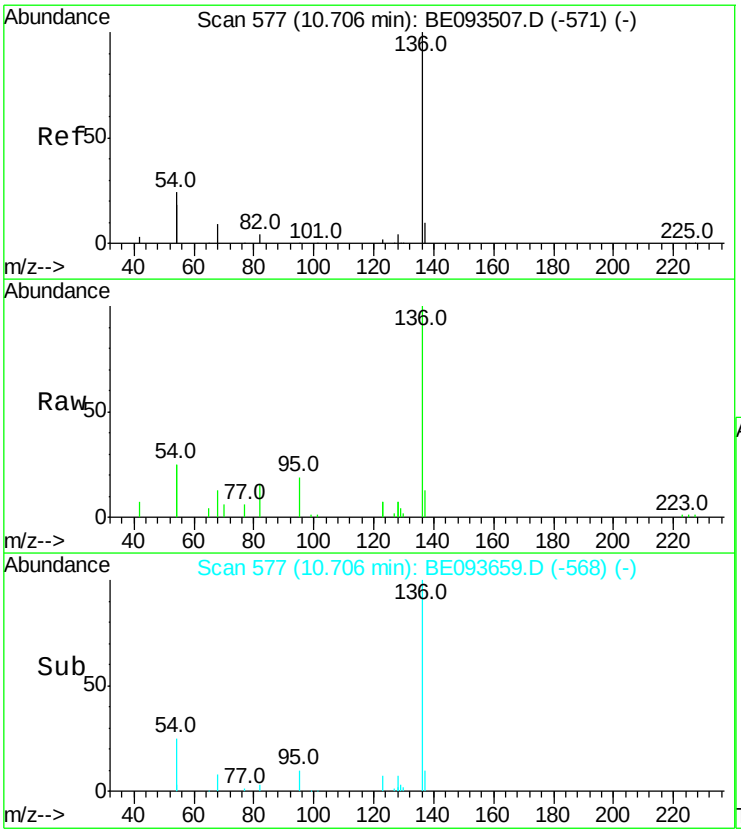
#5
Phenol-d6
Concen: 0.072 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 882

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

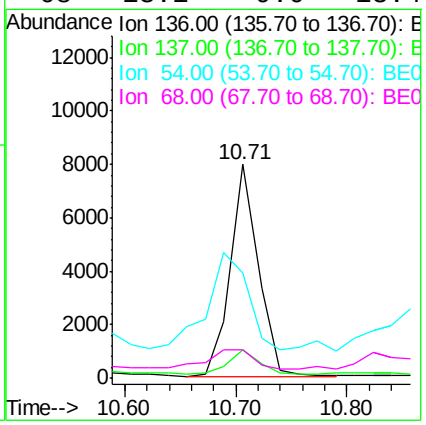


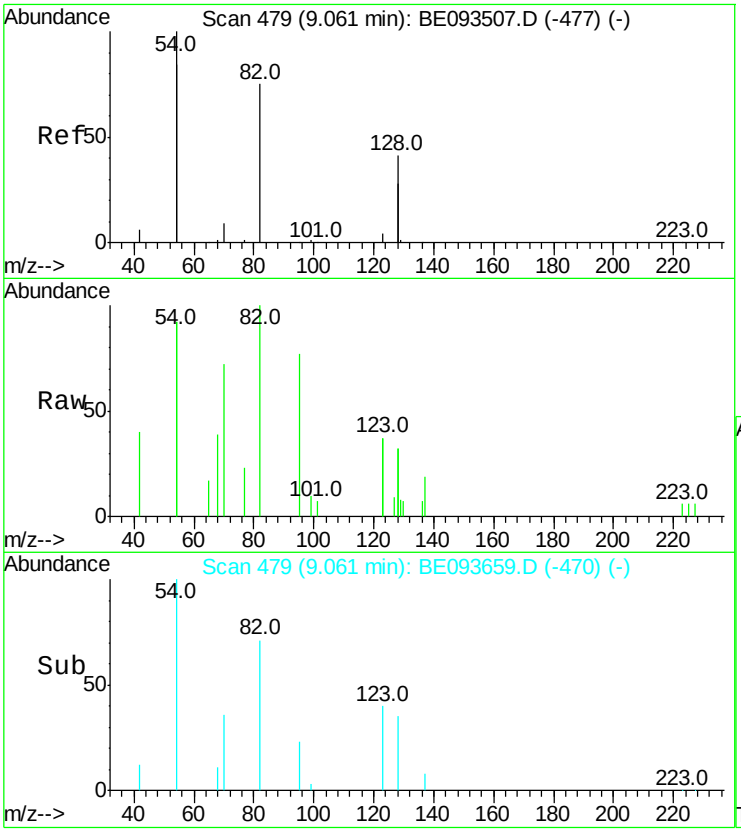


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:136 Resp: 13753

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.8	14.8
54	49.3	10.3	15.5#
68	13.1	9.0	13.4



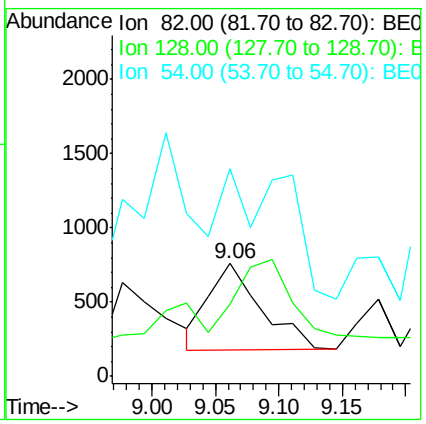


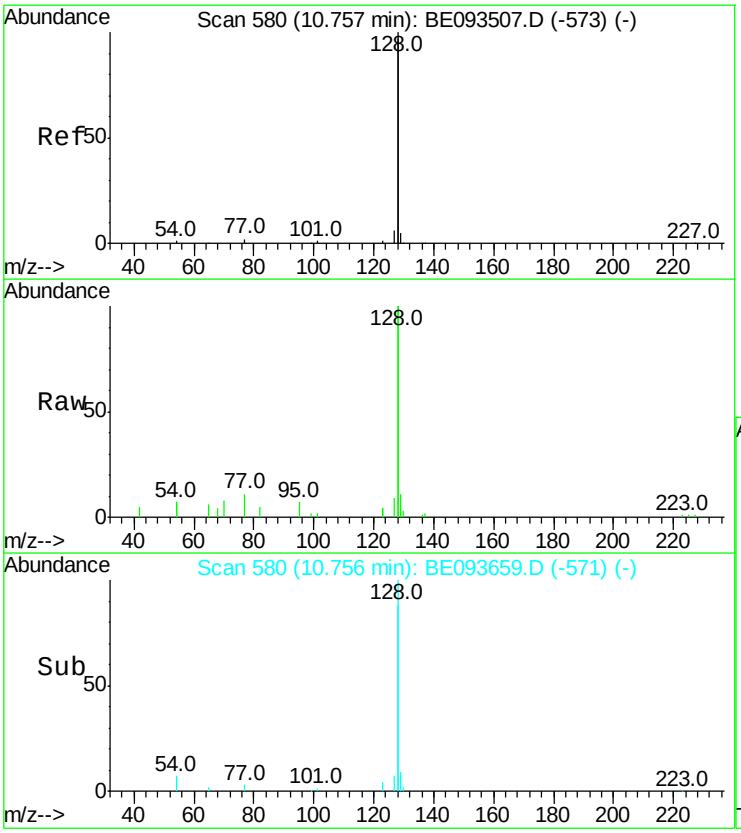
#8
Nitrobenzene-d5
Concen: 0.158 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1661

Ion	Ratio	Lower	Upper
82	100		
128	64.4	17.0	25.4#
54	184.7	53.8	80.6#

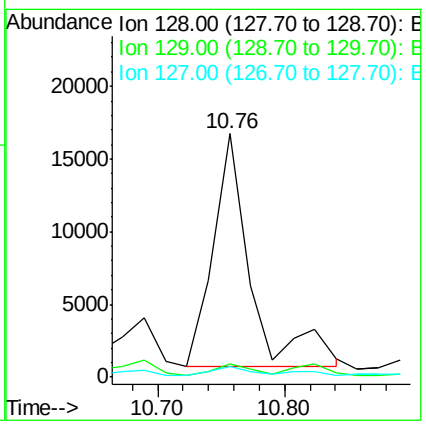


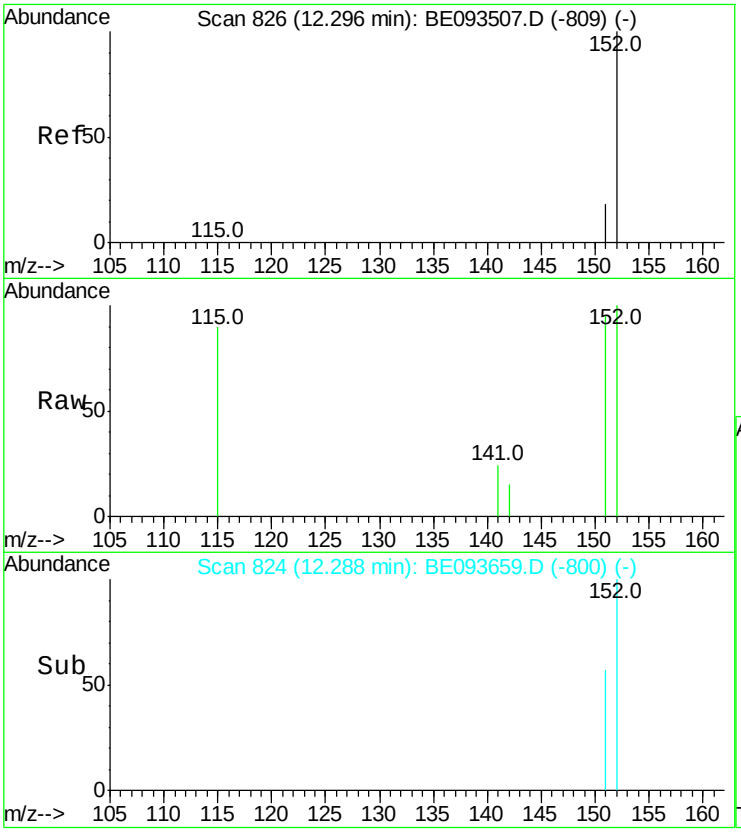


#9
Naphthalene
Concen: 0.210 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:128 Resp: 33447

Ion	Ratio	Lower	Upper
128	100		
129	5.5	2.4	3.6#
127	4.5	2.4	3.6#



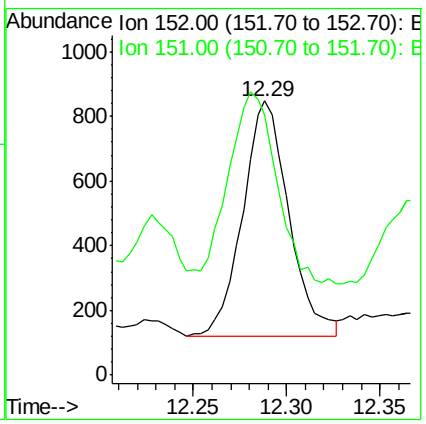


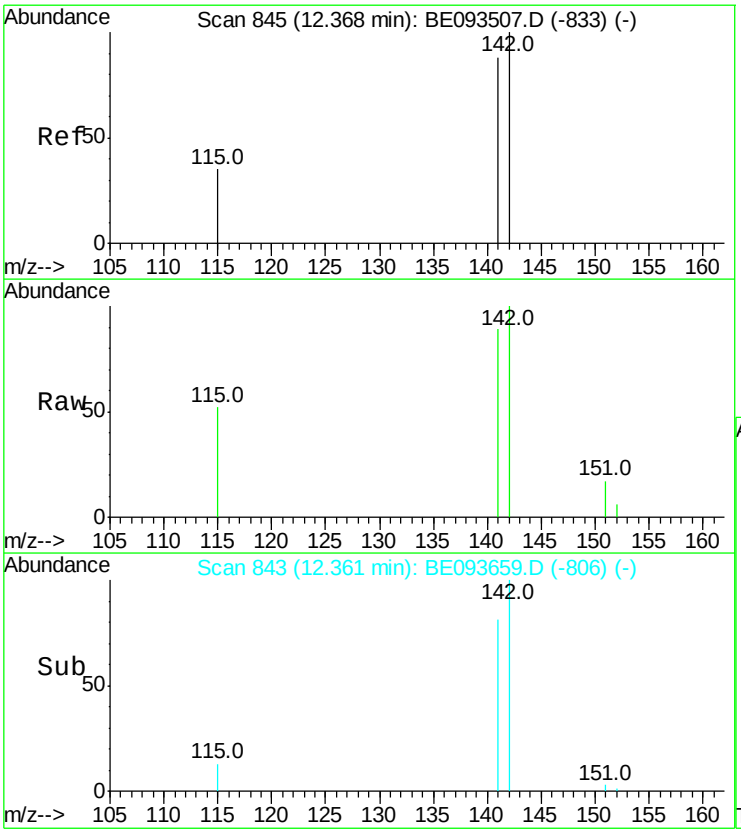
#11
2-Methylnaphthalene-d10
Concen: 0.057 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1245

Ion	Ratio	Lower	Upper
152	100		
151	85.0	15.1	22.7#

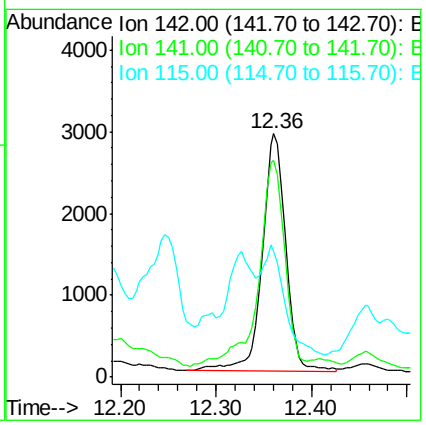


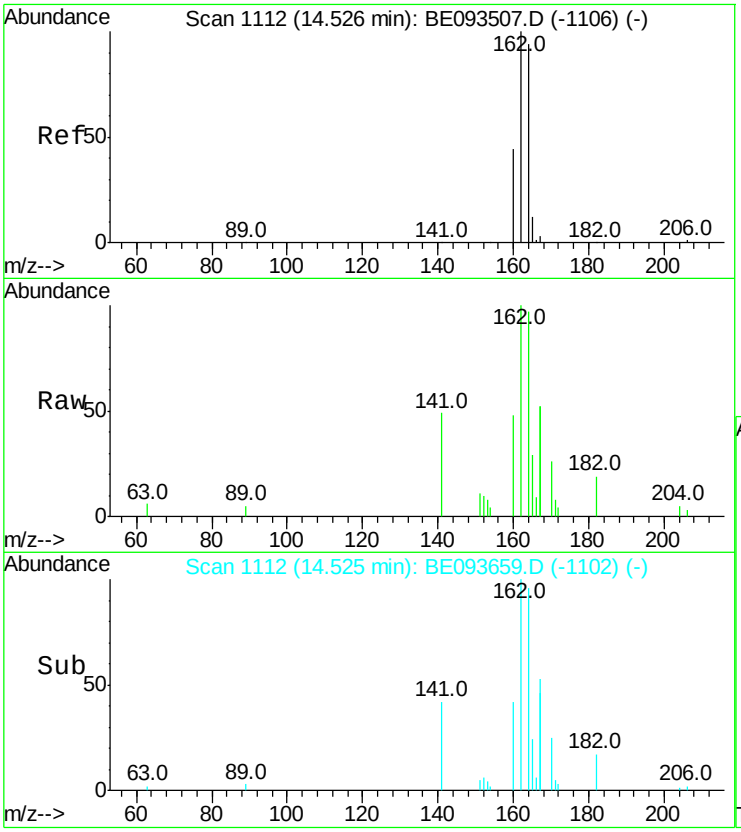


#12
2-Methylnaphthalene
Concen: 0.189 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:142 Resp: 4973

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8
115	51.7	32.2	48.2#



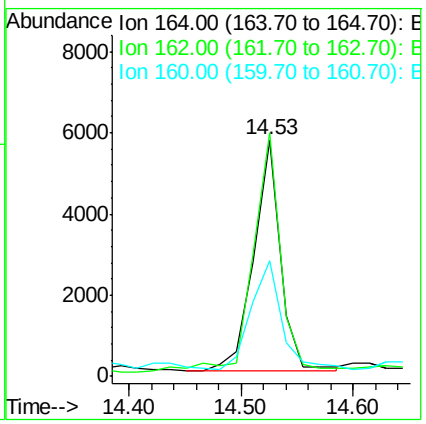


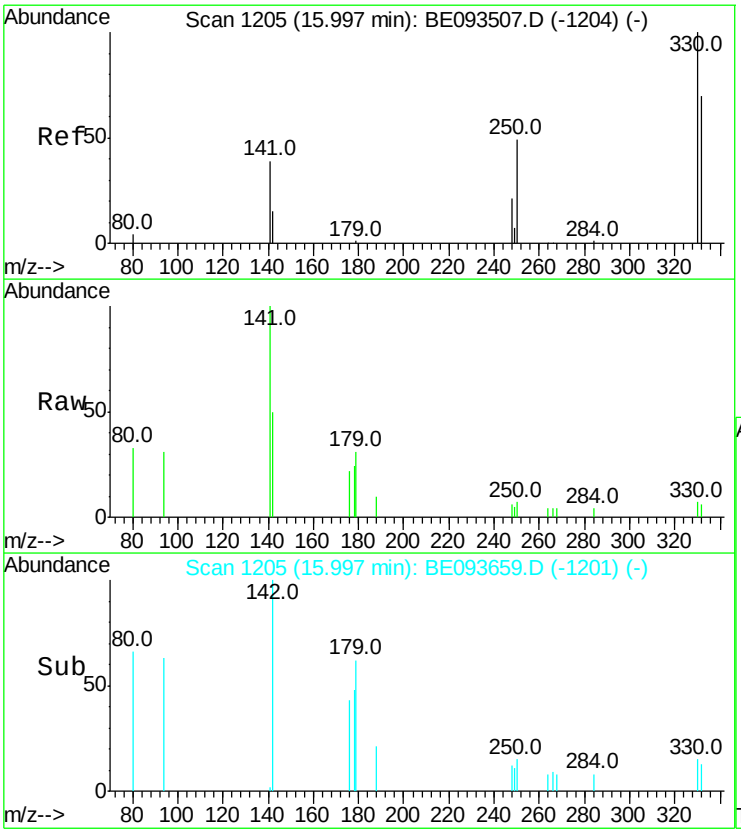
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9375

Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.6	127.0
160	49.1	41.8	62.6

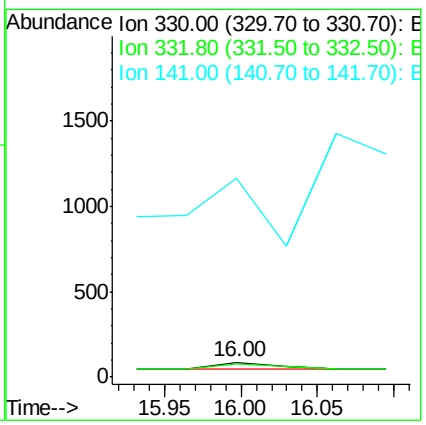


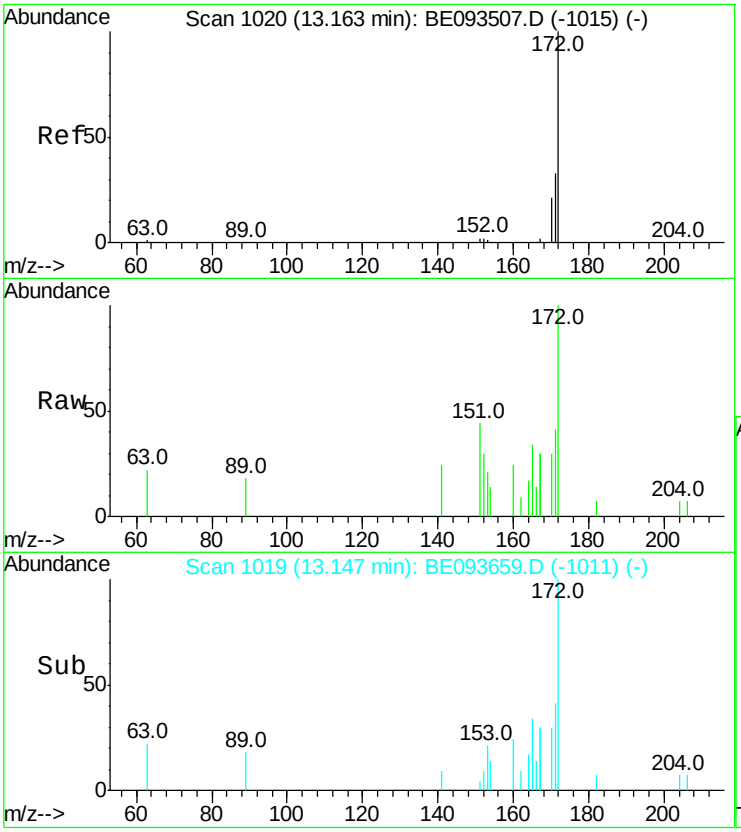


#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:330 Resp: 117

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.7	116.5
141	0.0	56.2	84.4#



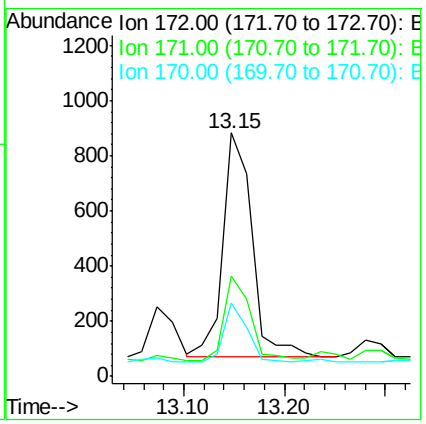


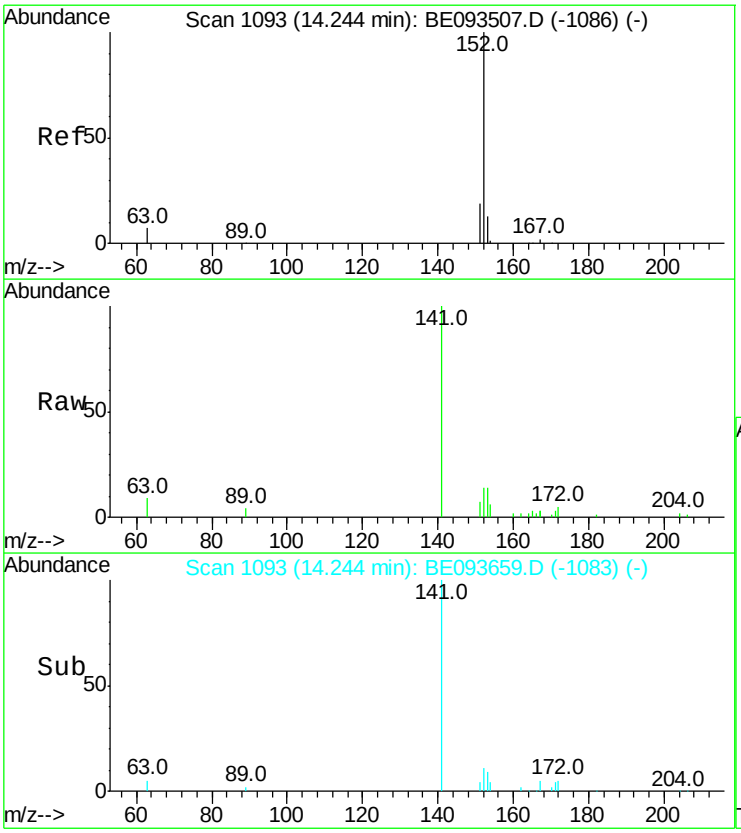
#15
2-Fluorobiphenyl
Concen: 0.044 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1635

Ion	Ratio	Lower	Upper
172	100		
171	41.3	29.8	44.6
170	30.1	20.7	31.1

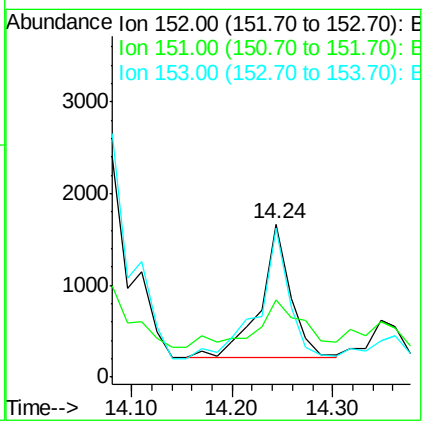


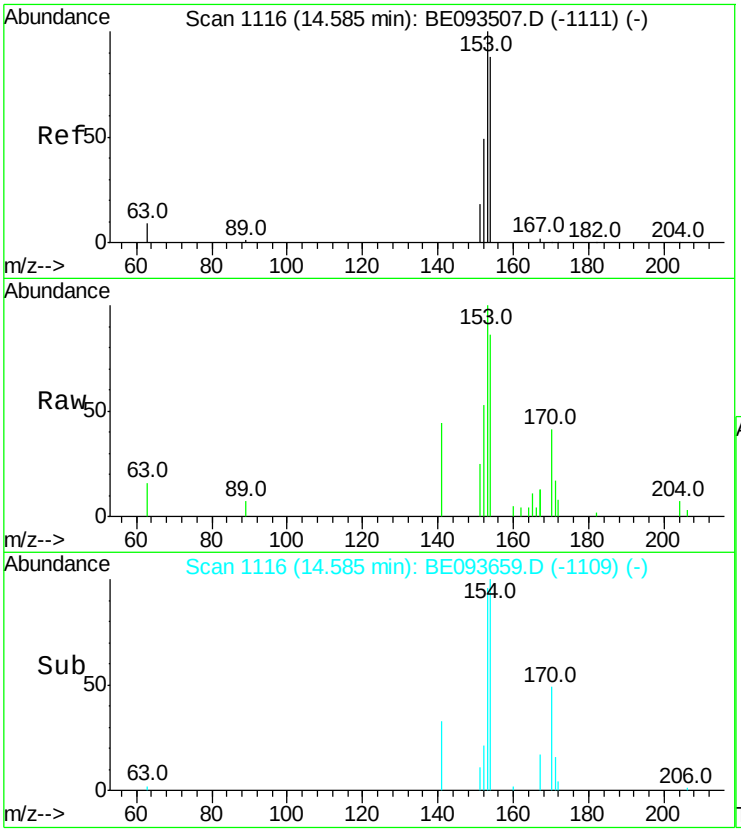


#16
Acenaphthylene
Concen: 0.069 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:152 Resp: 3099

Ion	Ratio	Lower	Upper
152	100		
151	54.7	4.0	6.0#
153	101.1	10.3	15.5#



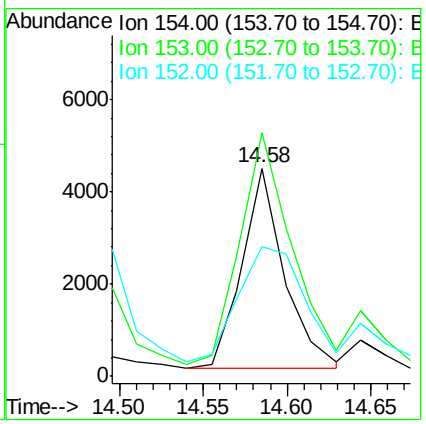


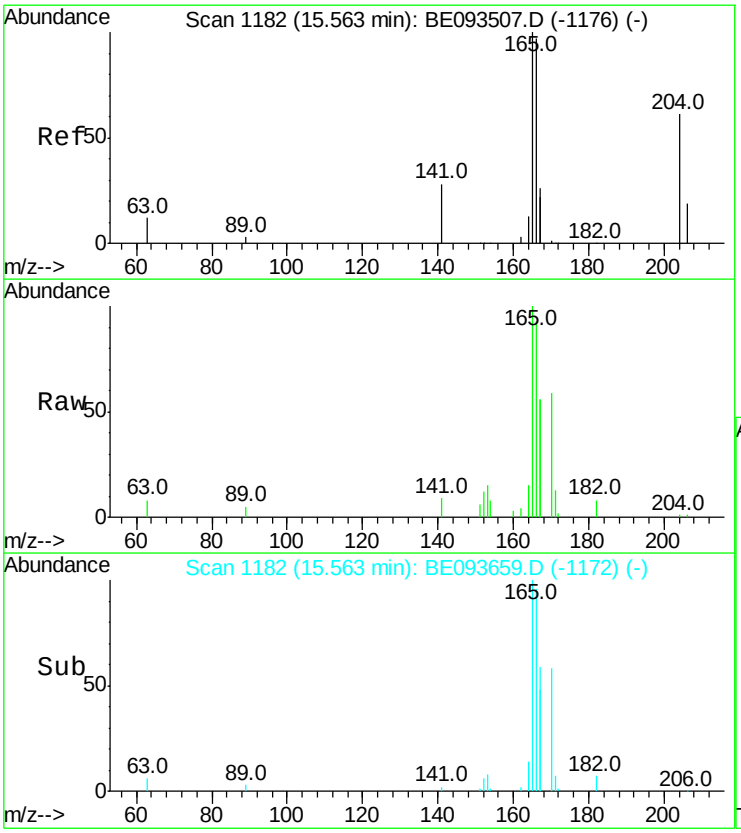
#17
Acenaphthene
Concen: 0.242 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7663

Ion	Ratio	Lower	Upper
154	100		
153	160.4	91.2	136.8#
152	103.2	44.8	67.2#

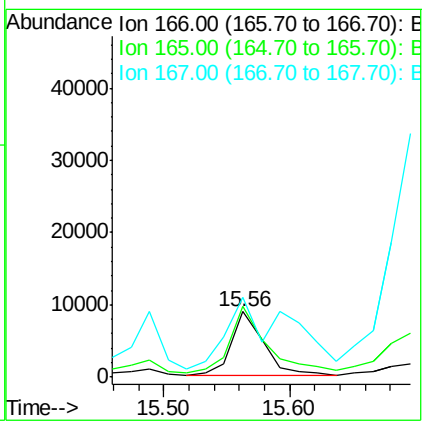


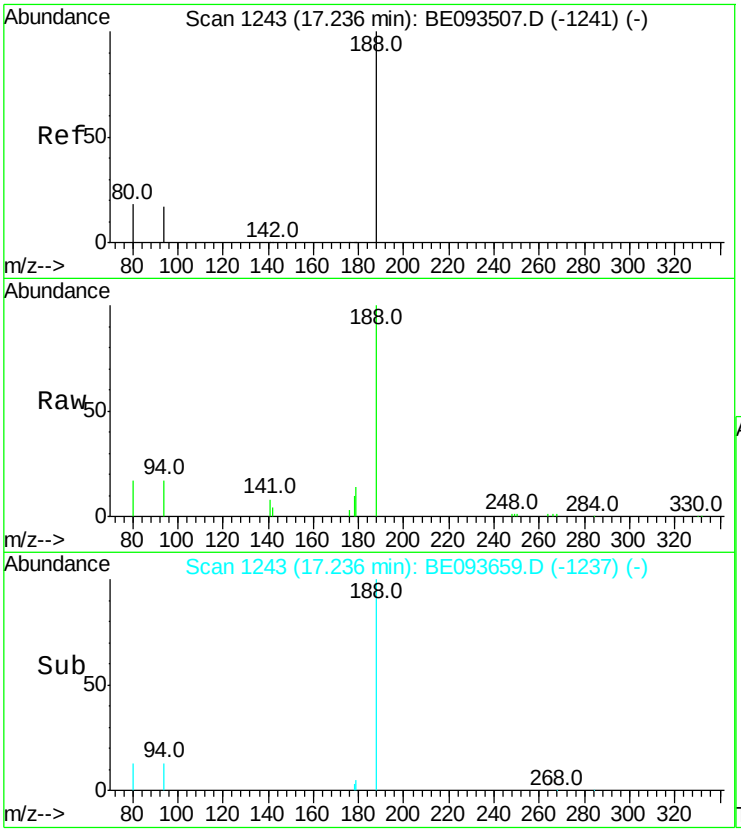


#18
Fluorene
Concen: 0.366 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:166 Resp: 15461

Ion	Ratio	Lower	Upper
166	100		
165	117.0	78.6	117.8
167	223.4	11.1	16.7#



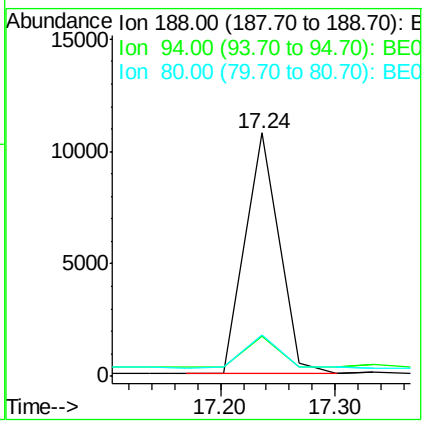


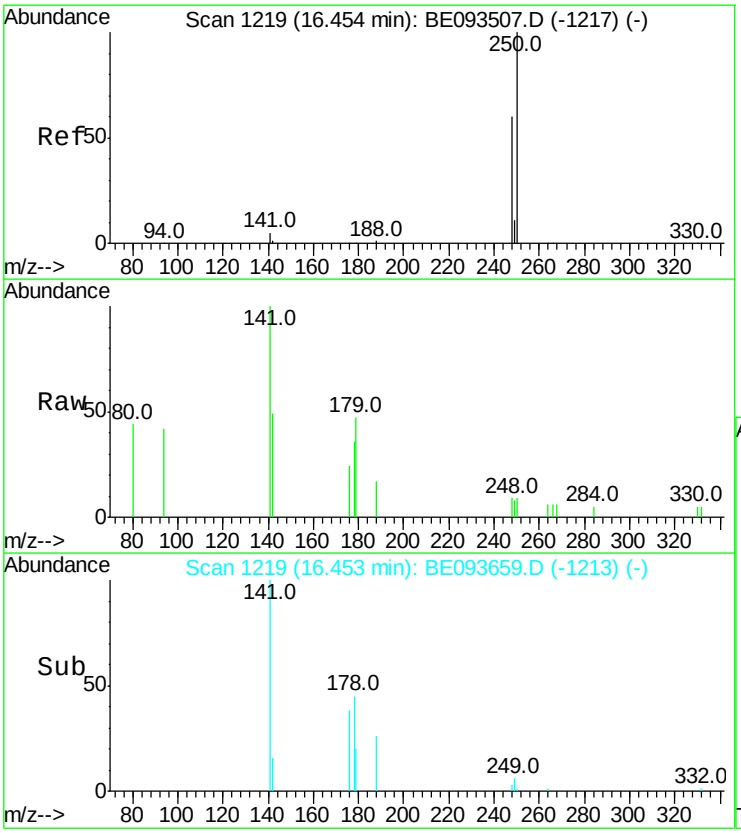
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 22006

Ion	Ratio	Lower	Upper
188	100		
94	16.6	11.3	16.9
80	17.0	11.7	17.5

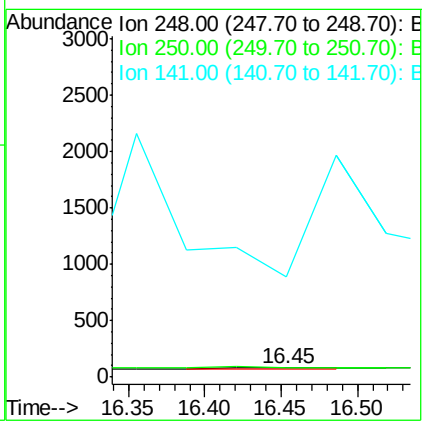


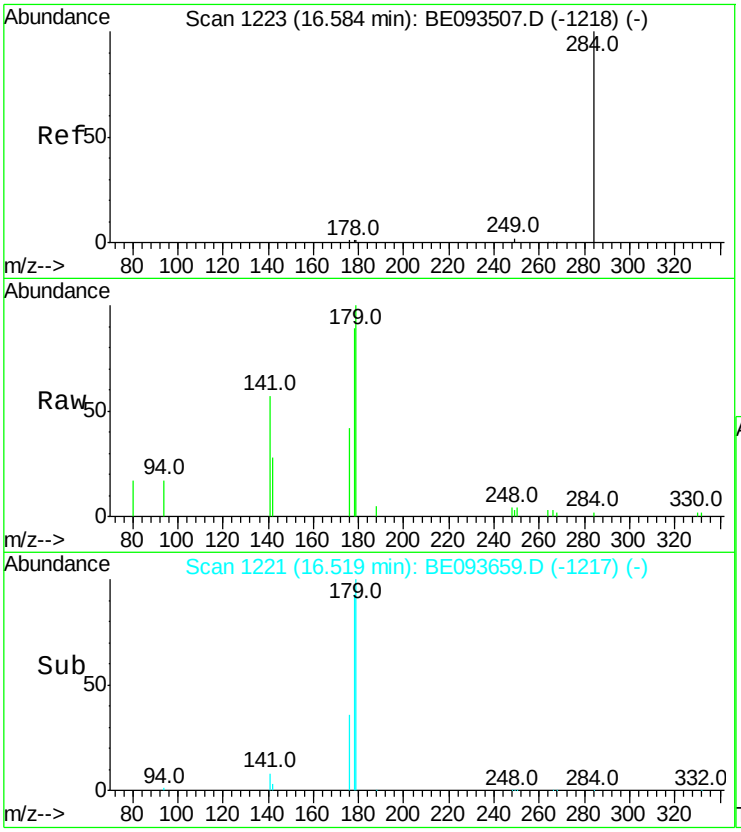


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:248 Resp: 18

Ion	Ratio	Lower	Upper
248	100		
250	100.0	128.0	192.0#
141	1112.5	12.0	18.0#



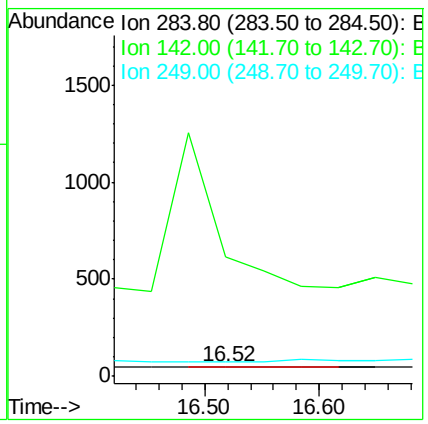


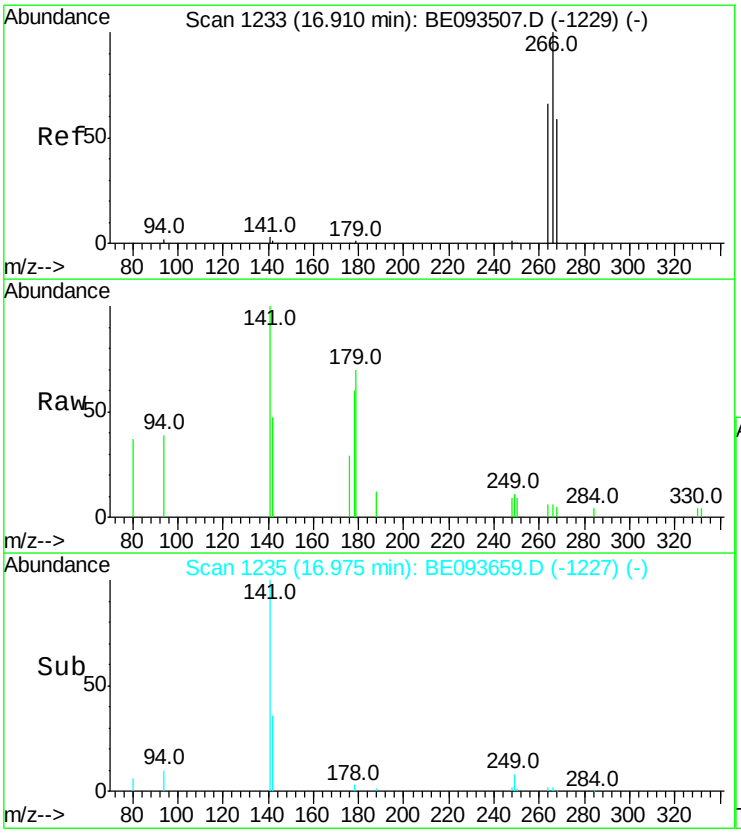
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.52 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 12

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

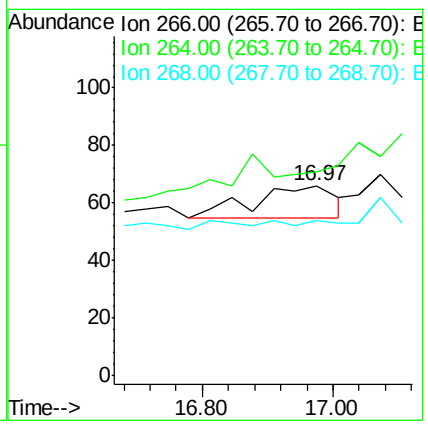


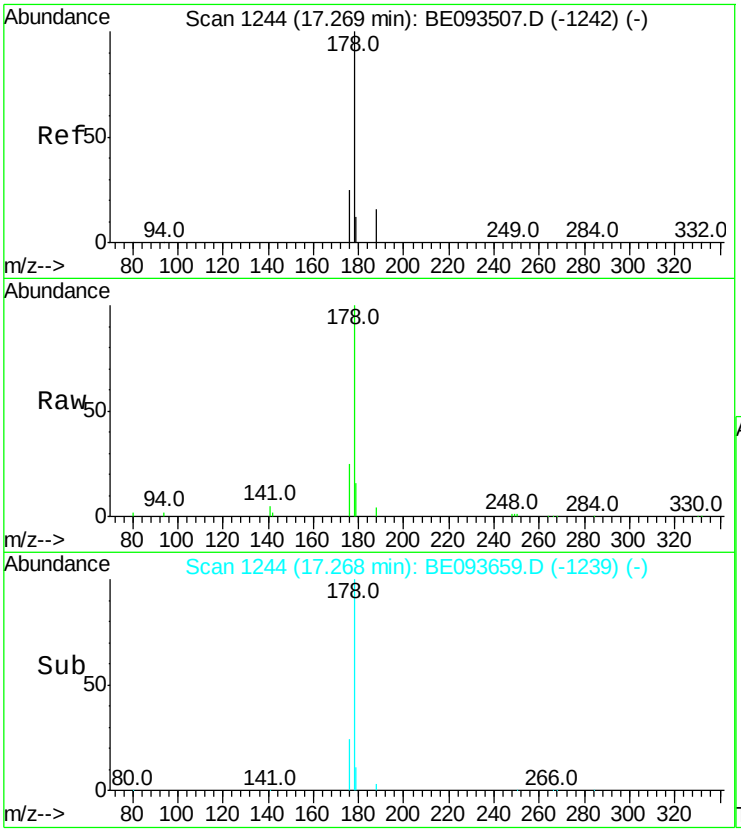


#22
Pentachlorophenol
Concen: 0.173 ng
RT: 16.97 min Scan# 1235
Delta R.T. 0.06 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:266 Resp: 96

Ion	Ratio	Lower	Upper
266	100		
264	107.6	56.0	84.0#
268	81.8	52.0	78.0#



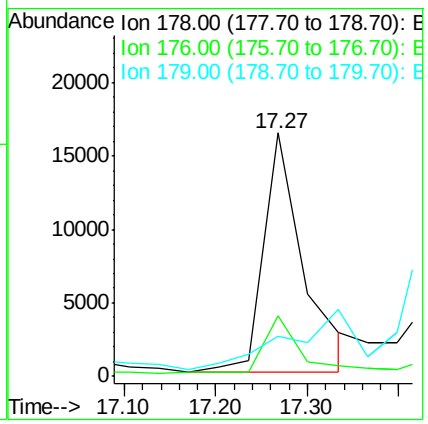


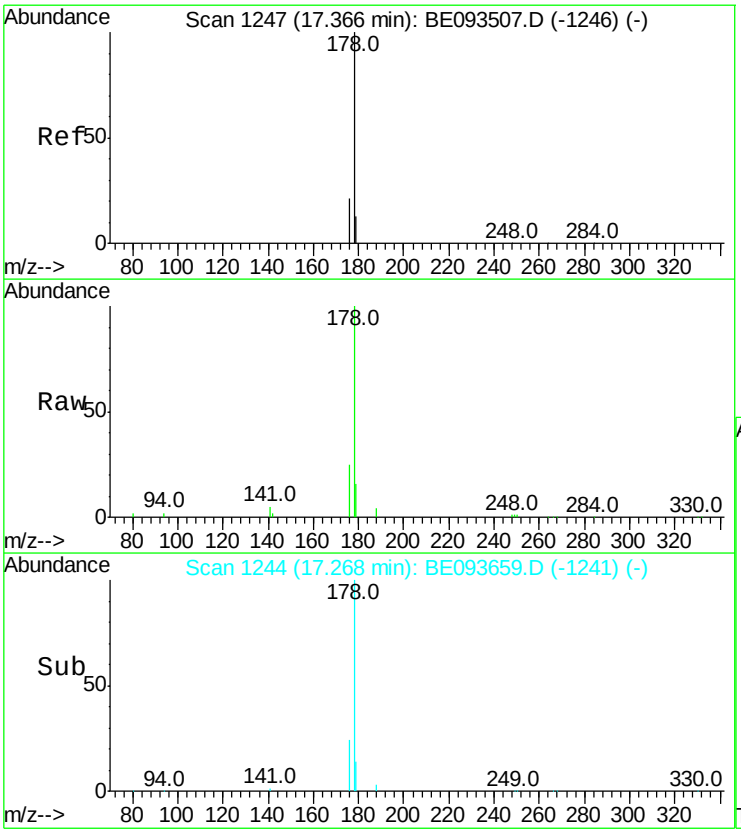
#23
Phenanthrene
Concen: 1.019 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 49331

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.0	22.4
179	0.0	12.7	19.1#

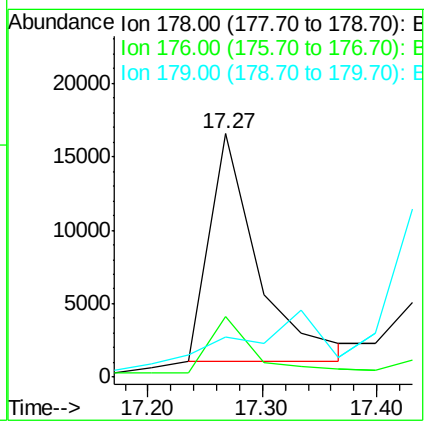


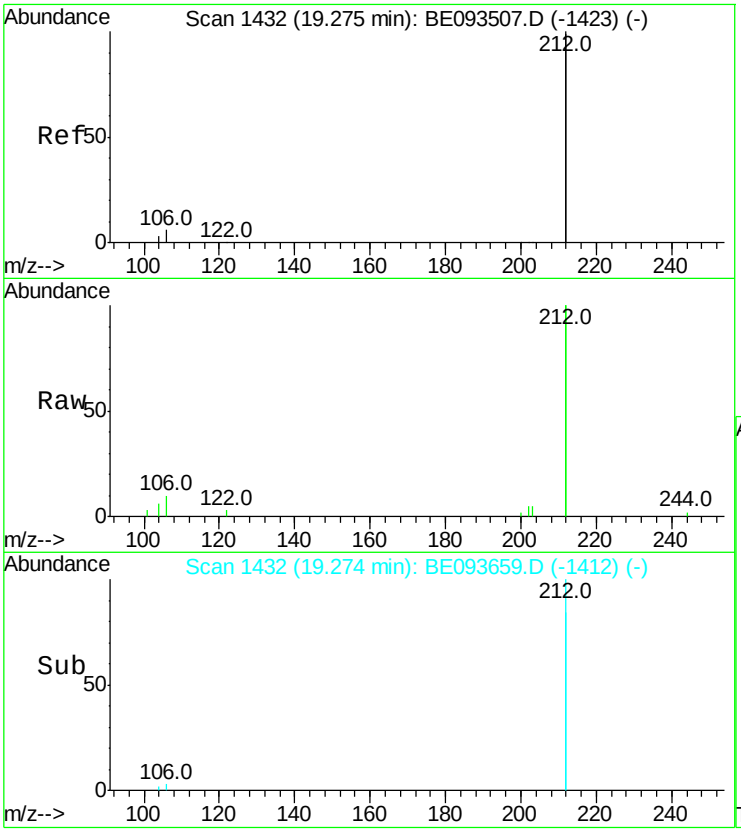


#24
Anthracene
Concen: 0.684 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:178 Resp: 45272

Ion	Ratio	Lower	Upper
178	100		
176	23.3	14.6	22.0#
179	0.0	12.0	18.0#



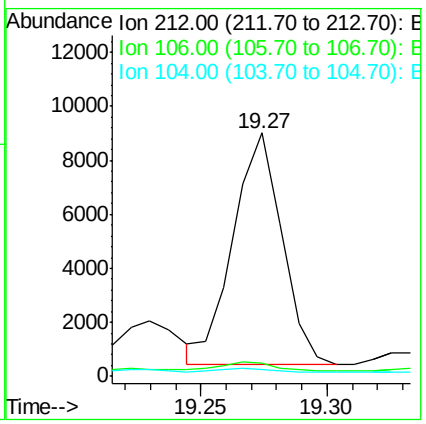


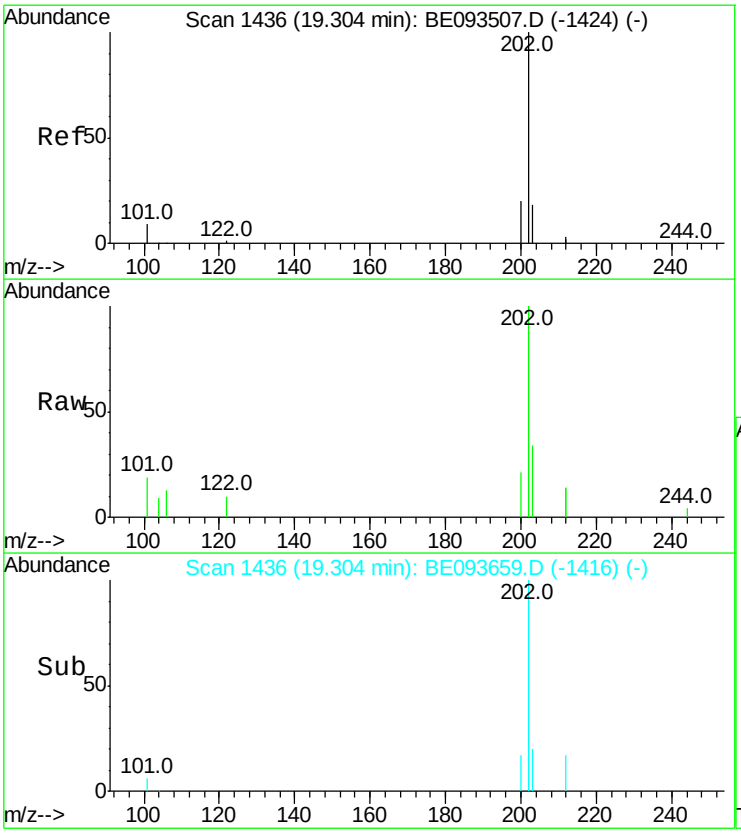
#25
Fluoranthene-d10
Concen: 0.046 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 11535

Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.4	3.6#
104	2.2	1.6	2.4

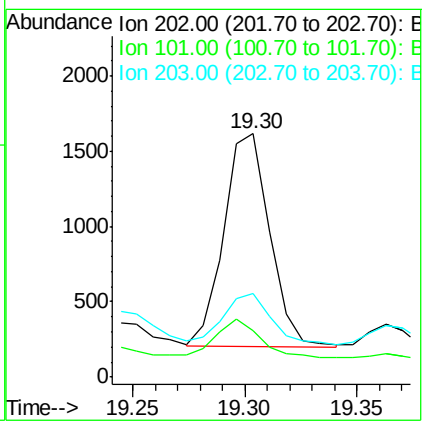


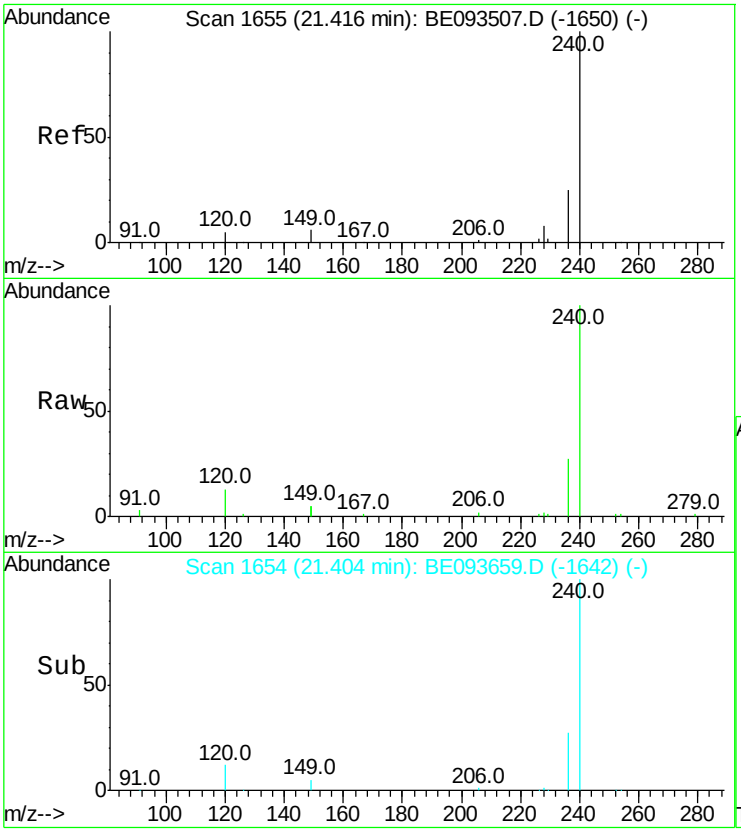


#26
Fluoranthene
Concen: 0.026 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:202 Resp: 1990

Ion	Ratio	Lower	Upper
202	100		
101	16.8	9.6	14.4#
203	25.5	14.4	21.6#



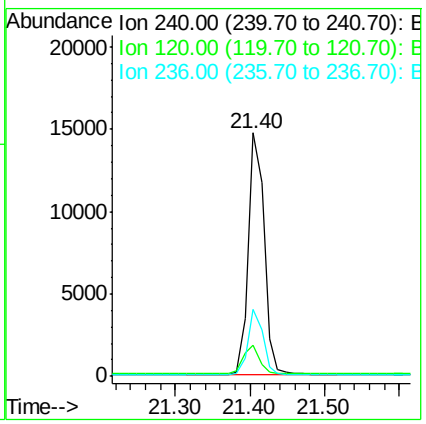


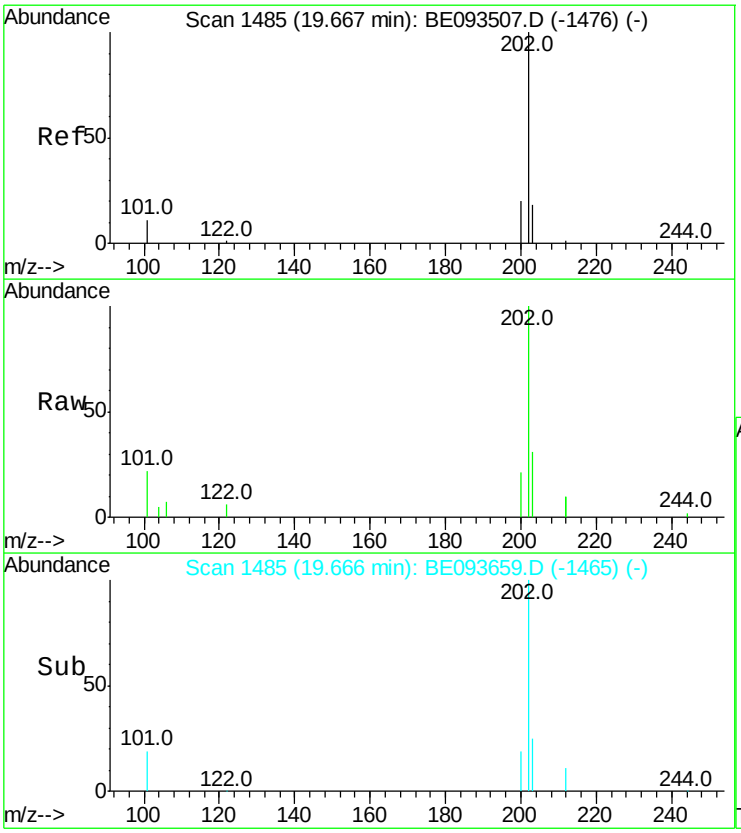
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 21968

Ion	Ratio	Lower	Upper
240	100		
120	13.0	4.6	7.0#
236	27.3	20.8	31.2

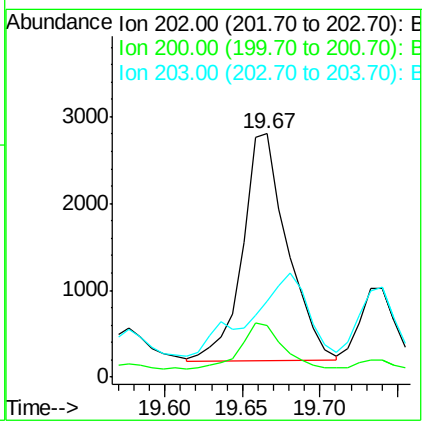


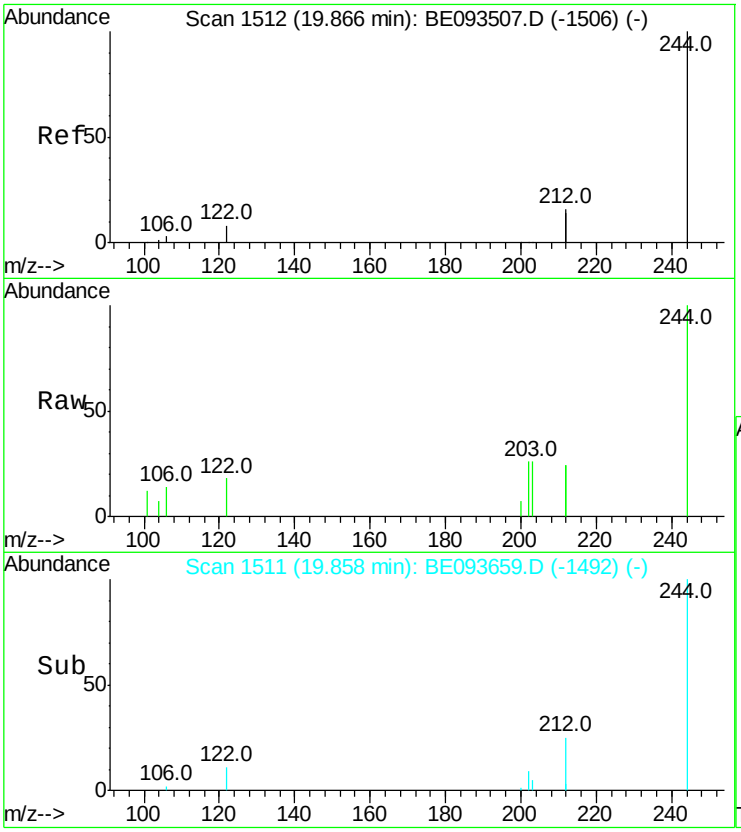


#28
Pyrene
Concen: 0.074 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:202 Resp: 5232

Ion	Ratio	Lower	Upper
202	100		
200	19.3	0.0	0.0#
203	0.0	13.7	20.5#



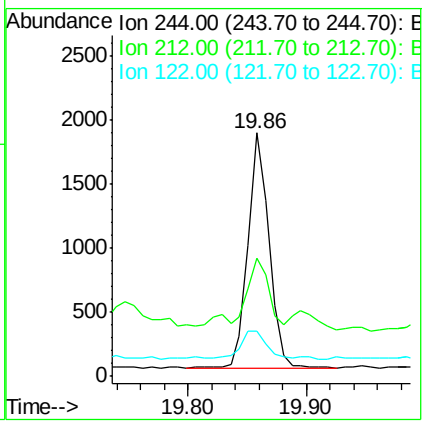


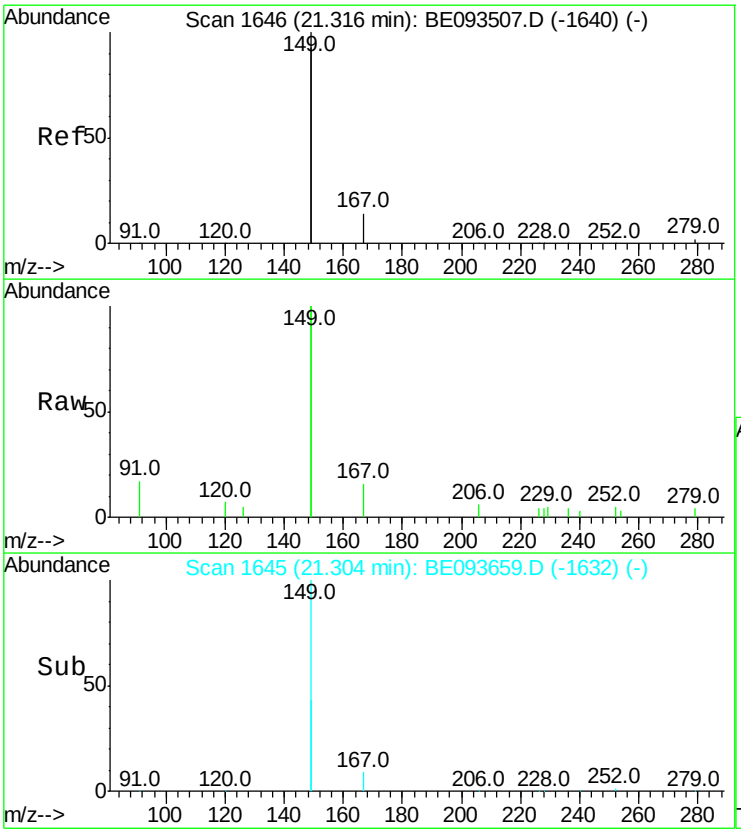
#29
Terphenyl-d14
Concen: 0.057 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2232

Ion	Ratio	Lower	Upper
244	100		
212	48.7	10.6	16.0#
122	18.5	15.4	23.0

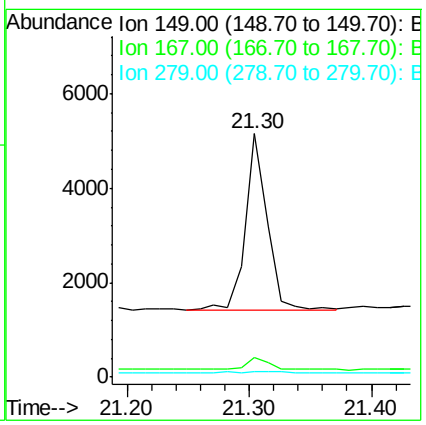


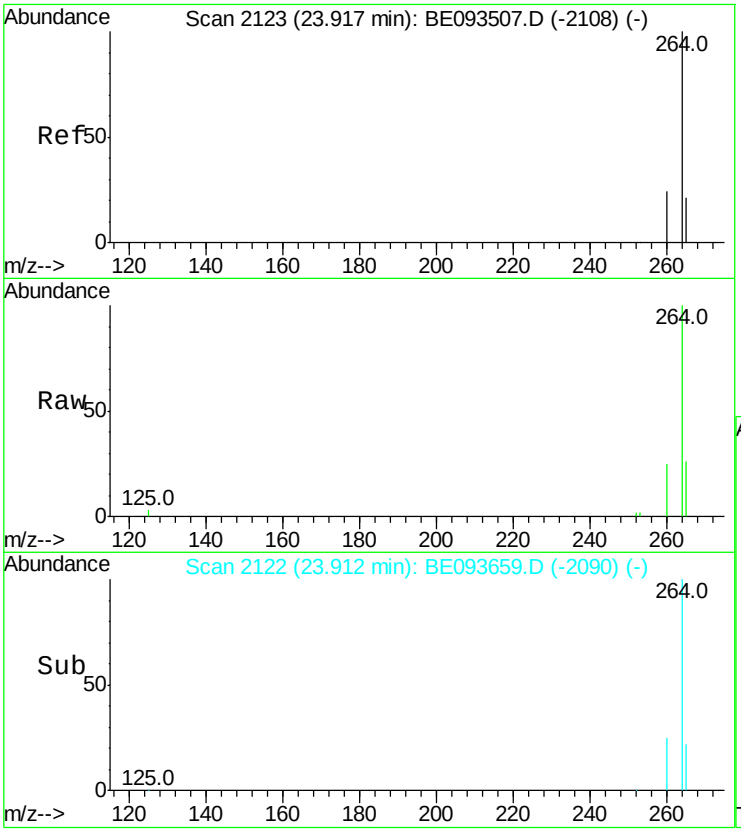


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:149 Resp: 4571

Ion	Ratio	Lower	Upper
149	100		
167	7.6	4.8	7.2#
279	1.4	0.8	1.2#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 19782

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	25.9	24.6	36.8