Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
Data File : BE098861.D
Acq On : 11 Mar 2019 13:39
Operator : JU/SJ
Sample : K1793-16DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RE108D2-20190306DL

Quant Time: Mar 11 16:39:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	701	0.40	ng		0.01
7) Naphthalene-d8	10.60	136	3357	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	2382	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	6358	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7315	0.40	ng		0.00
34) Perylene-d12	23.90	264	7083	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	4	0.00	ng		-0.05
5) Phenol-d6	6.95	99	2	0.00	ng		-0.03
8) Nitrobenzene-d5	9.04	82	393	0.11	ng		0.08
11) 2-Methylnaphthalene-d10	12.22	152	1017	0.16	ng		0.03
14) 2,4,6-Tribromophenol	15.98	330	190	0.16	ng		0.01
15) 2-Fluorobiphenyl	13.10	172	1845	0.19	ng		0.01
25) Fluoranthene-d10	19.25	212	16805	0.17	ng		0.00
29) Terphenyl-d14	19.84	244	4109	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	3083	2.752	ng		96
6) bis(2-Chloroethyl)ether	7.24	93	63	0.028	ng	#	1
22) Pentachlorophenol	16.88	266	2	0.266	ng		90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
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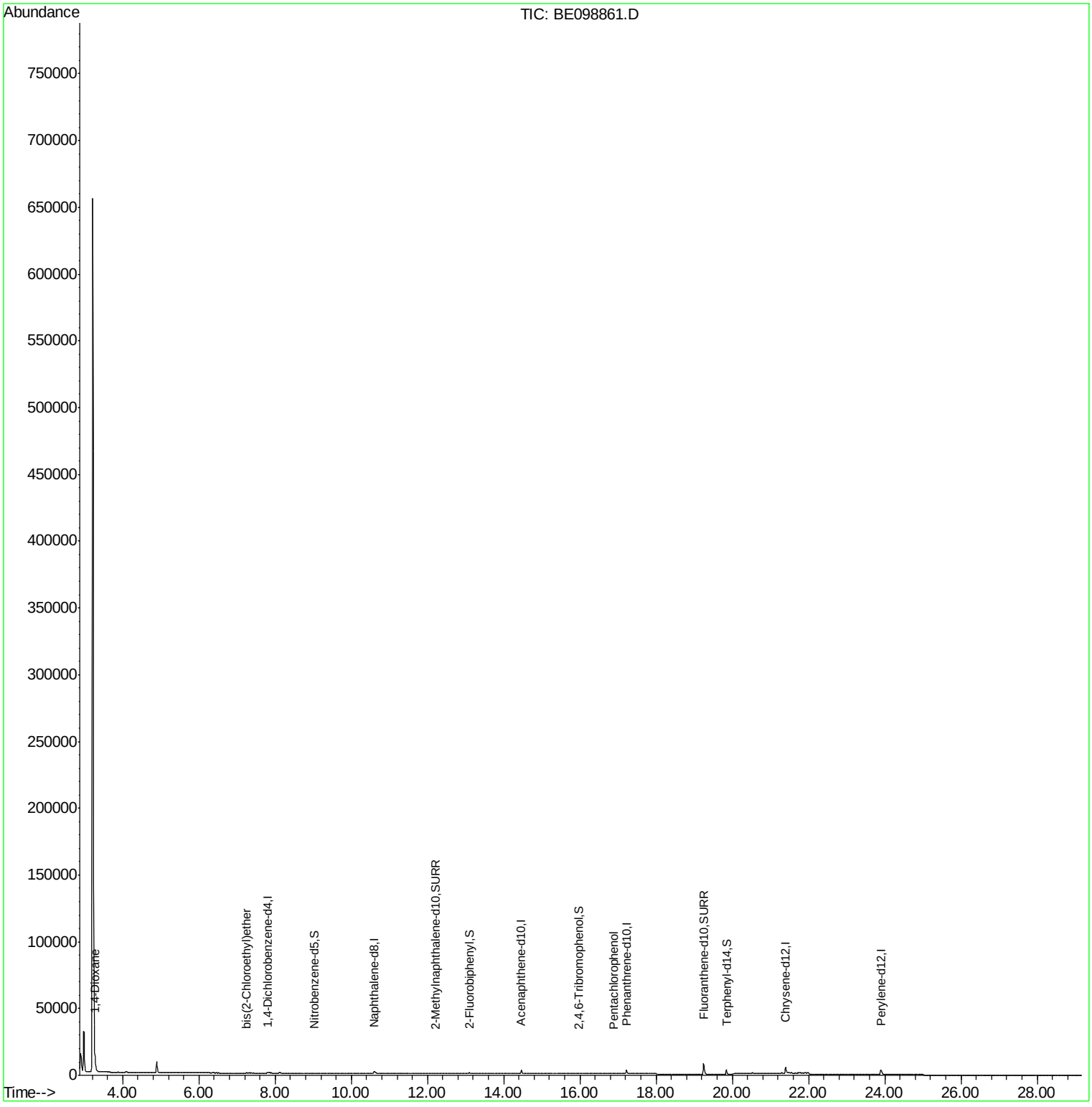
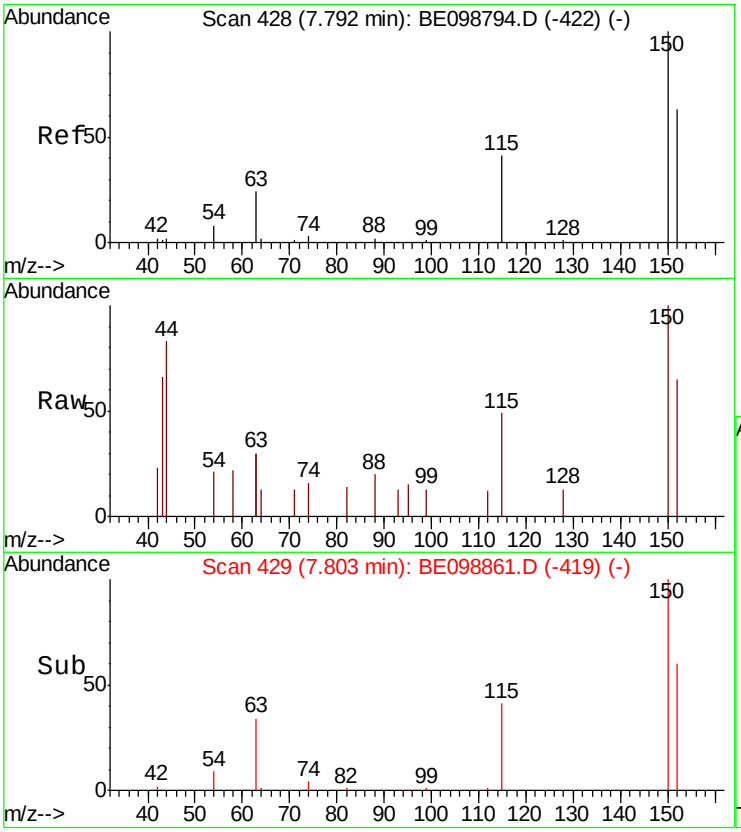
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



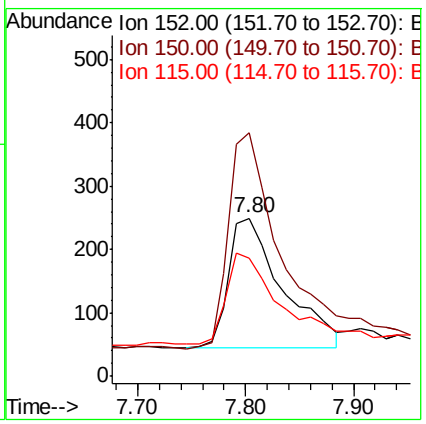


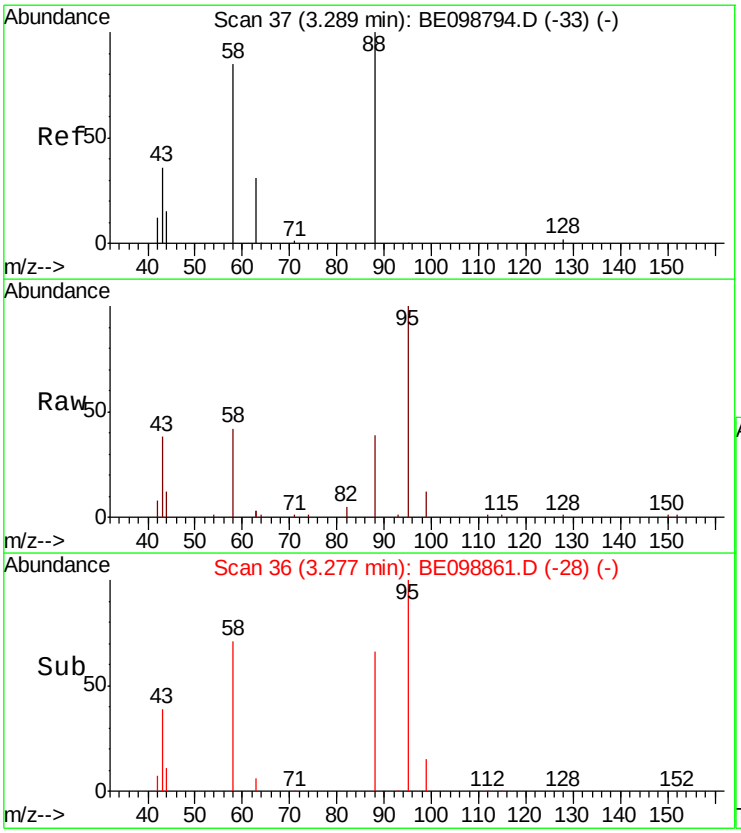
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion:152 Resp: 701

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.5	183.7
115	75.1	57.4	86.2

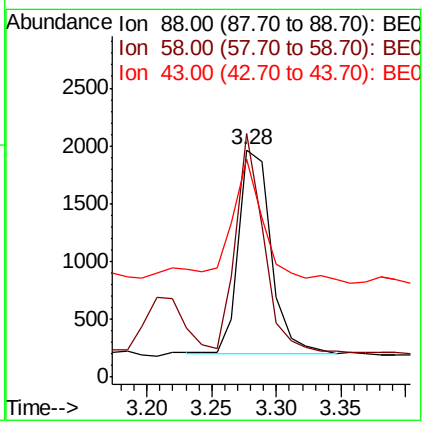


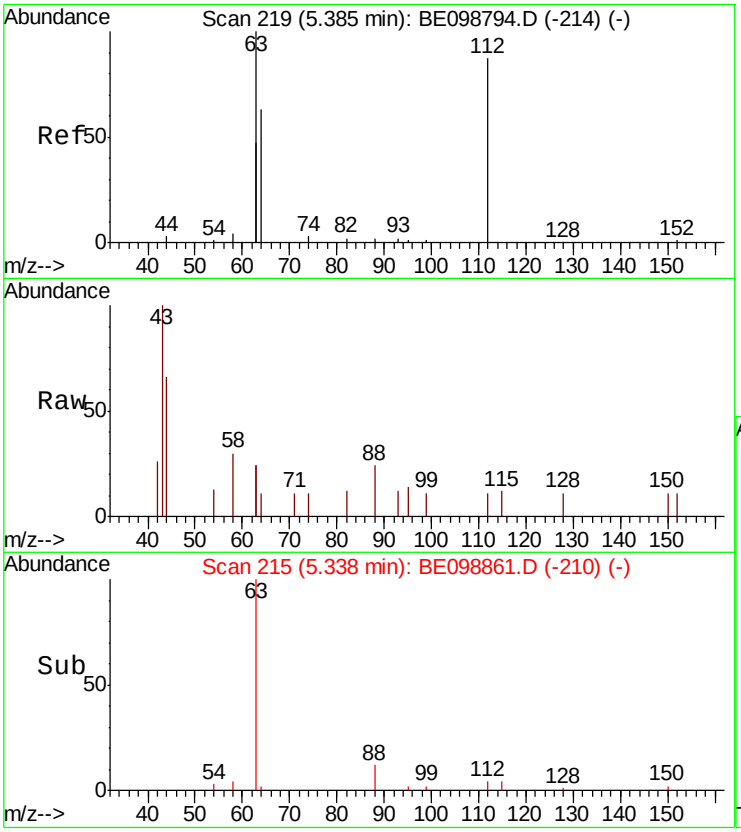


#2
1,4-Dioxane
Concen: 2.752 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion: 88 Resp: 3083

Ion	Ratio	Lower	Upper
88	100		
58	89.6	75.8	113.6
43	54.2	41.8	62.8



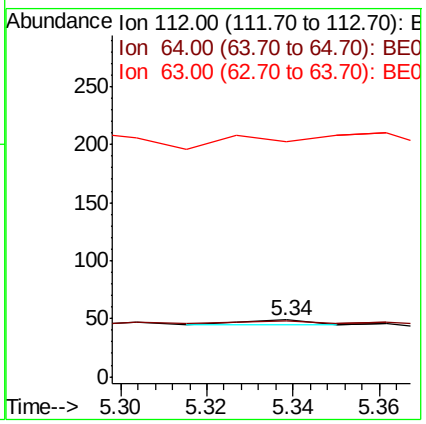


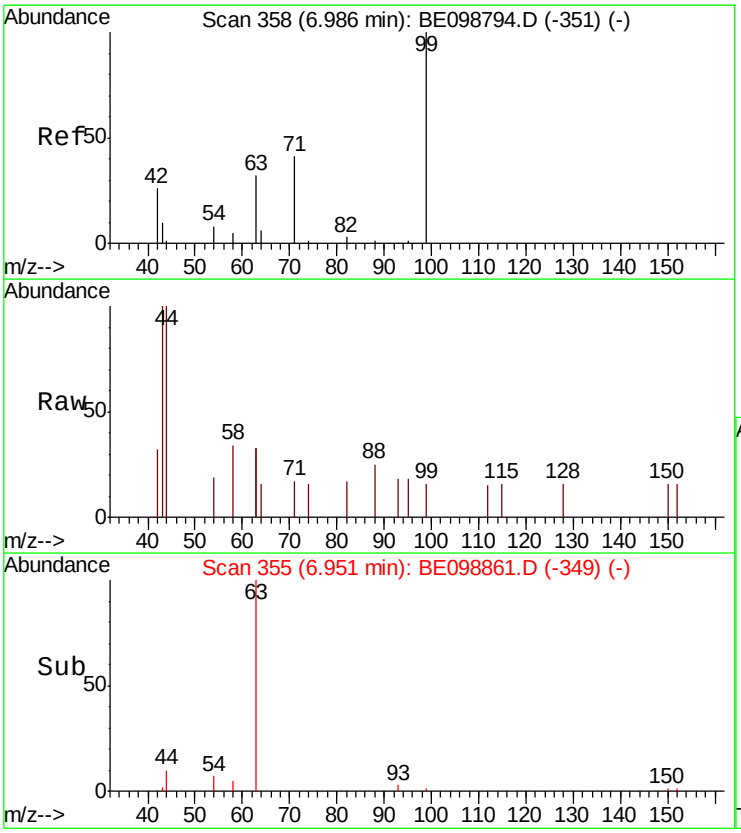
#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.34 min Scan# 215
Delta R.T. -0.05 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion:112 Resp: 4

Ion	Ratio	Lower	Upper
112	100		
64	0.0	57.9	86.9#
63	0.0	158.3	237.5#

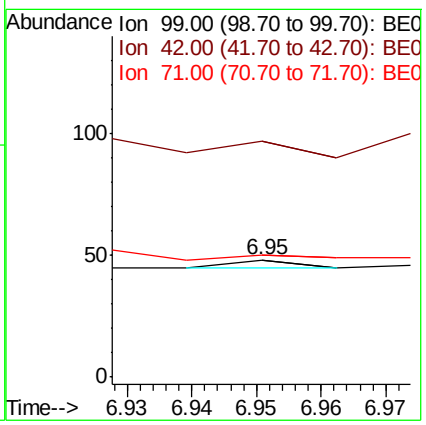


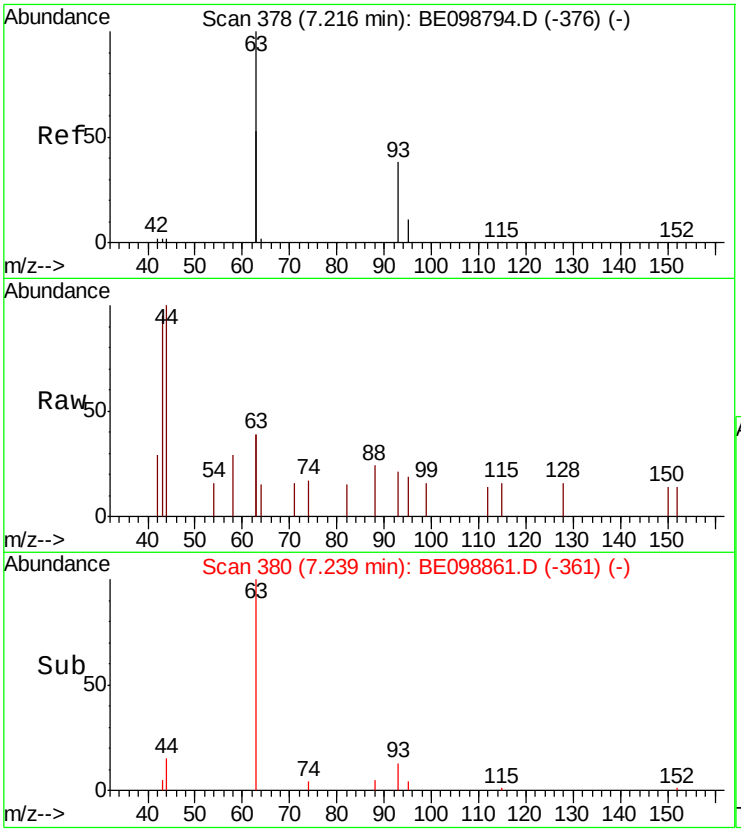


#5
Phenol-d6
Concen: 0.001 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.03 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion: 99 Resp: 2

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	0.0	35.7	53.5#



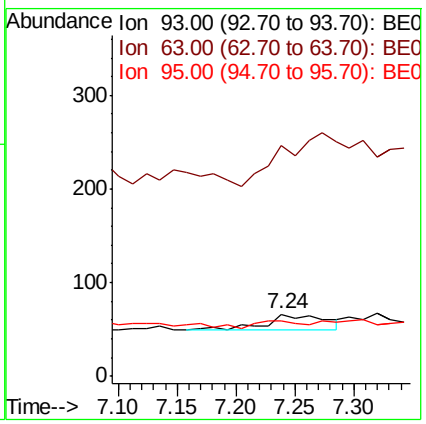


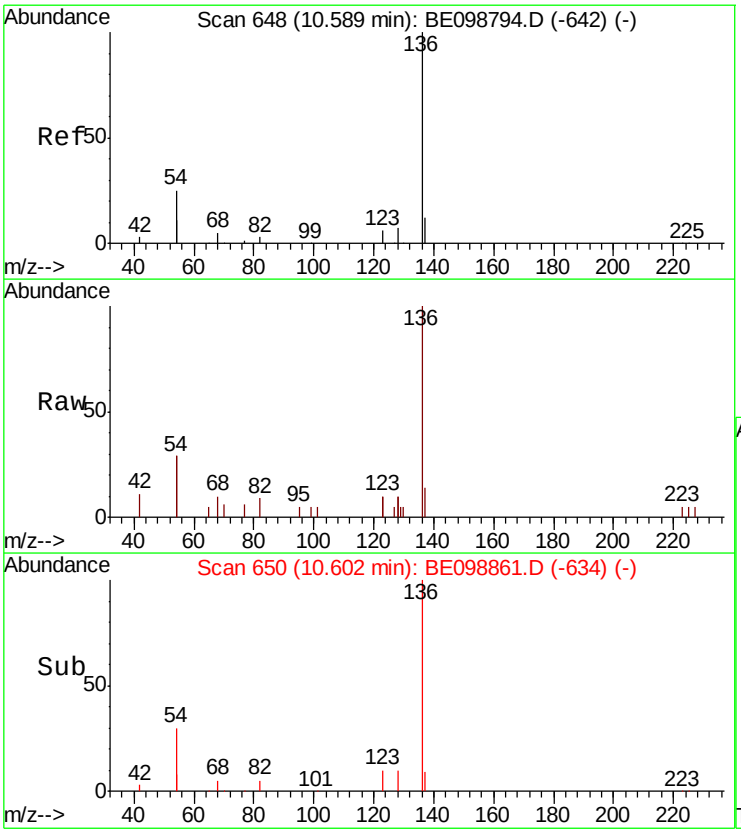
#6
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion: 93 Resp: 63

Ion	Ratio	Lower	Upper
93	100		
63	0.0	247.5	371.3#
95	33.3	21.8	32.8#

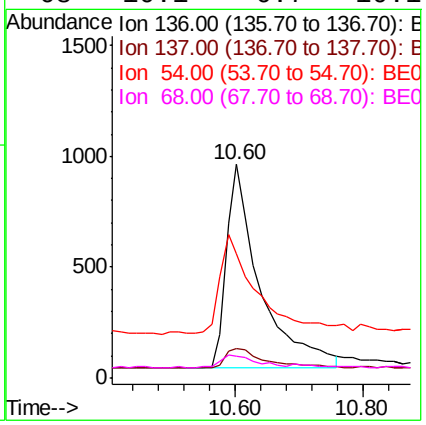


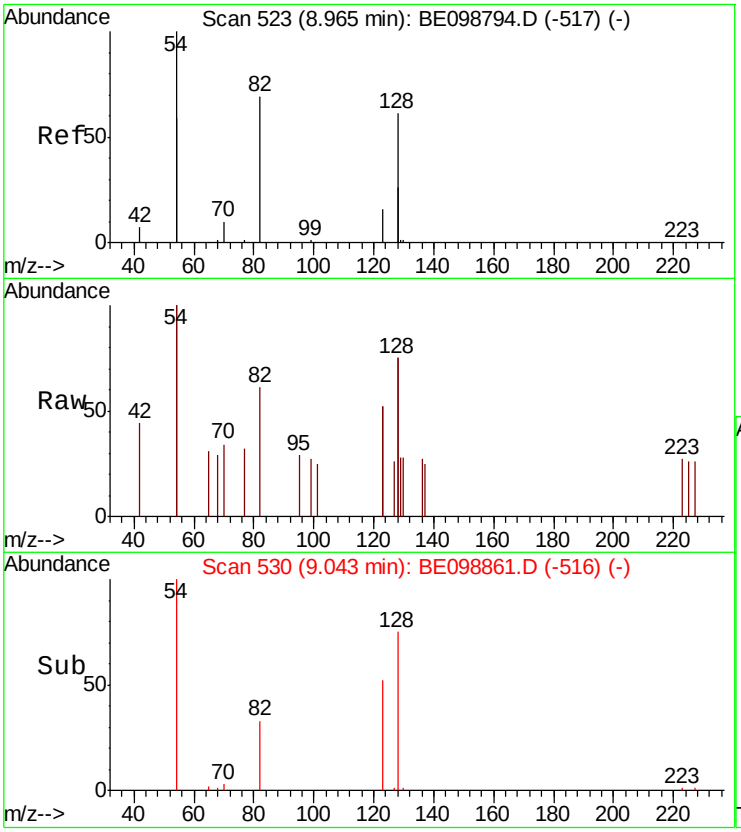


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion:136 Resp: 3357

Ion	Ratio	Lower	Upper
136	100		
137	13.7	11.4	17.0
54	57.9	39.3	58.9
68	10.1	6.7	10.1



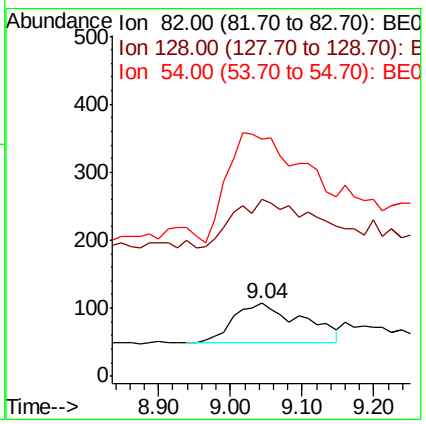


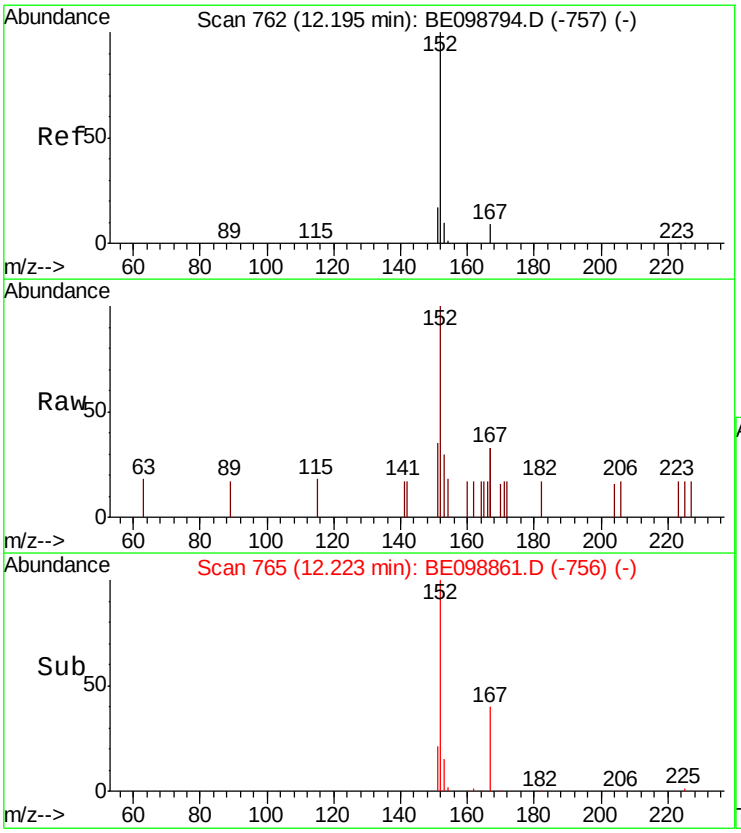
#8
Nitrobenzene-d5
Concen: 0.112 ng
RT: 9.04 min Scan# 530
Delta R.T. 0.08 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion: 82 Resp: 393

Ion	Ratio	Lower	Upper
82	100		
128	243.0	123.8	185.8#
54	325.2	203.4	305.2#

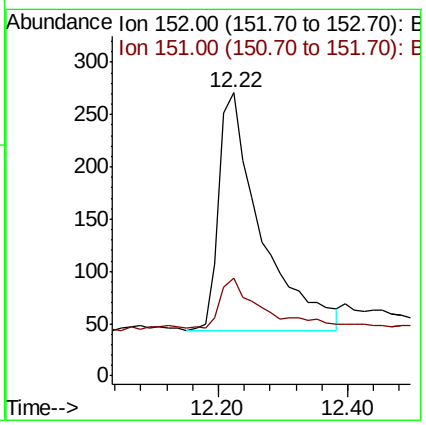


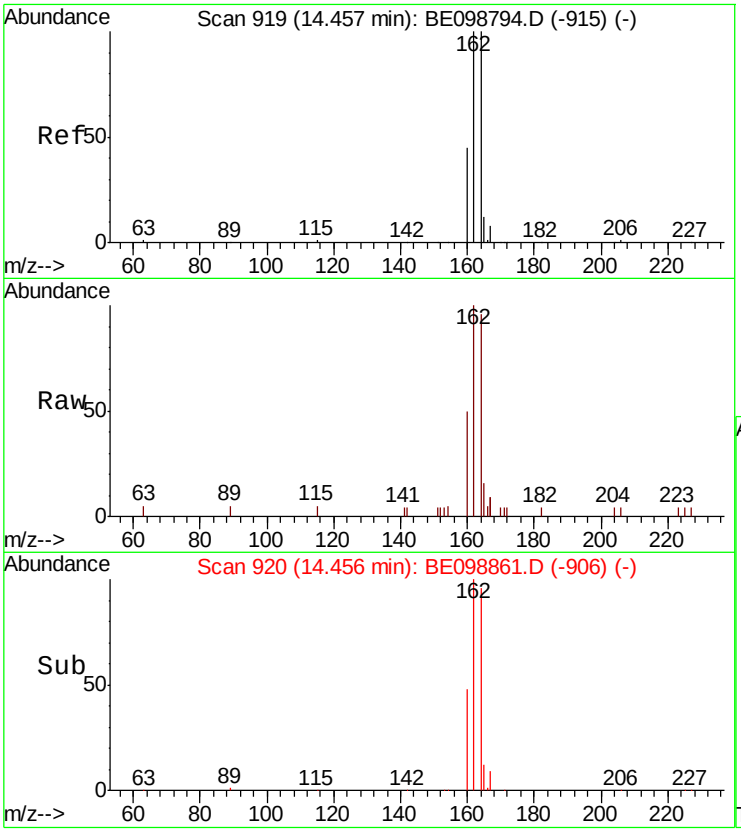


#11
2-Methylnaphthalene-d10
Concen: 0.164 ng
RT: 12.22 min Scan# 765
Delta R.T. 0.03 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion:152 Resp: 1017

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.5	24.7



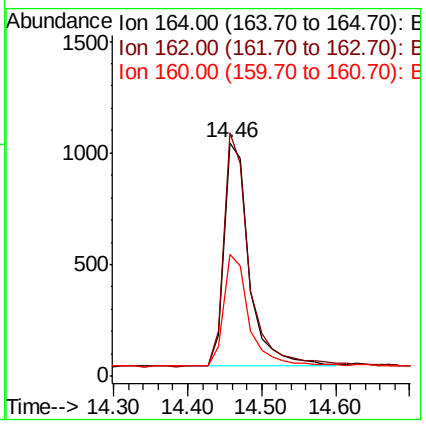


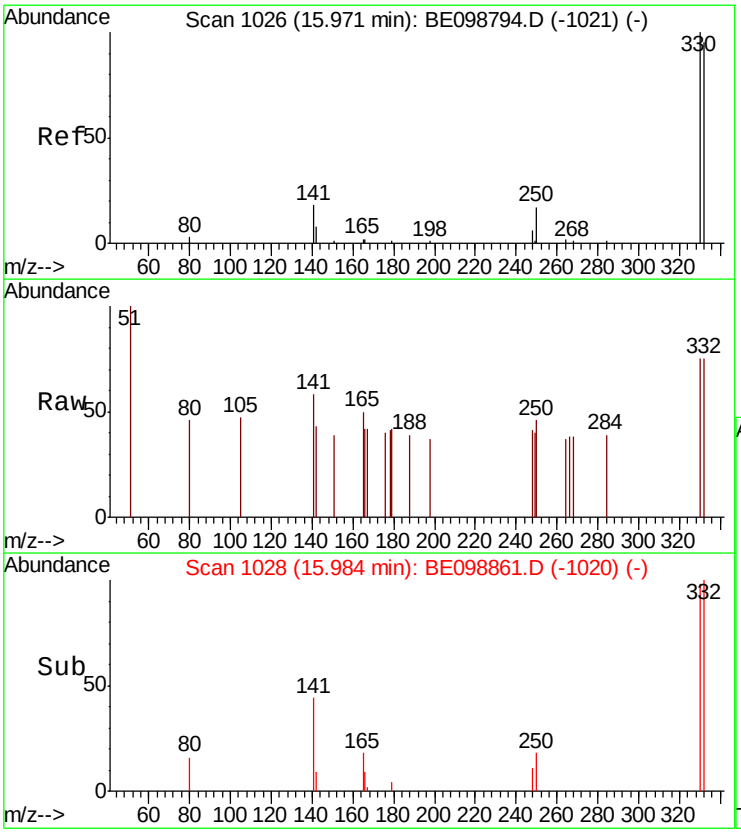
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion:164 Resp: 2382

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	52.1	37.8	56.8

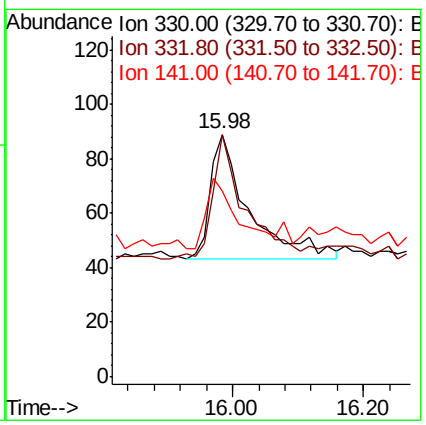


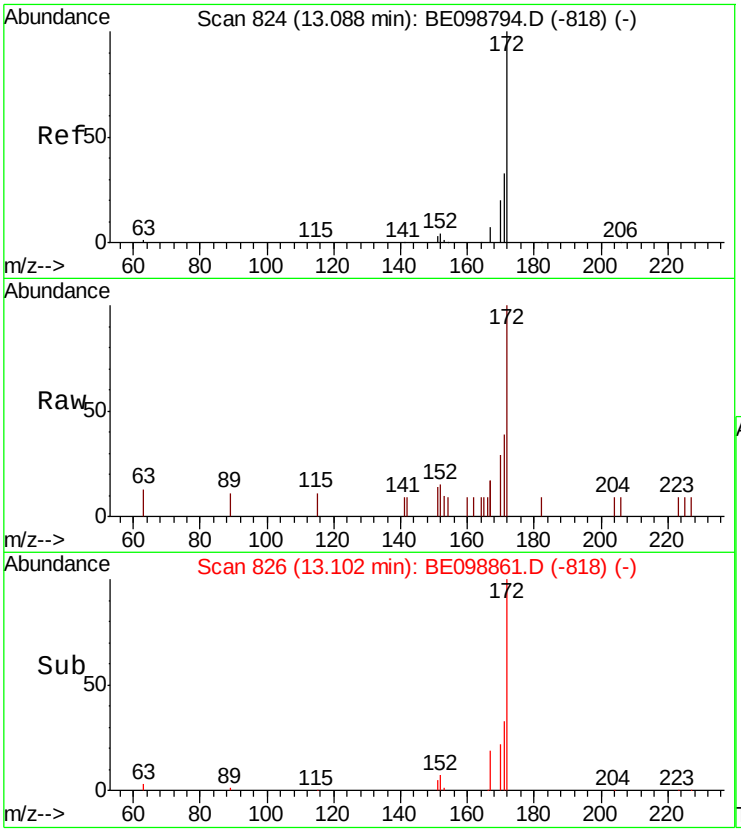


#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 15.98 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion:330 Resp: 190

Ion	Ratio	Lower	Upper
330	100		
332	83.2	77.6	116.4
141	44.7	31.0	46.4



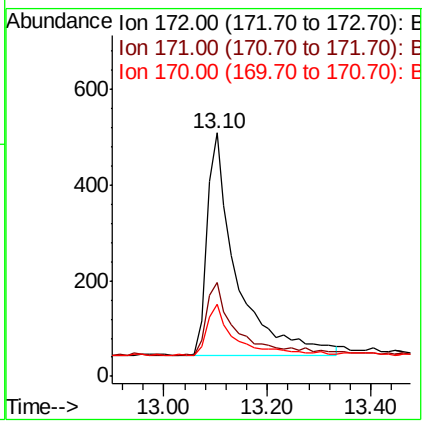


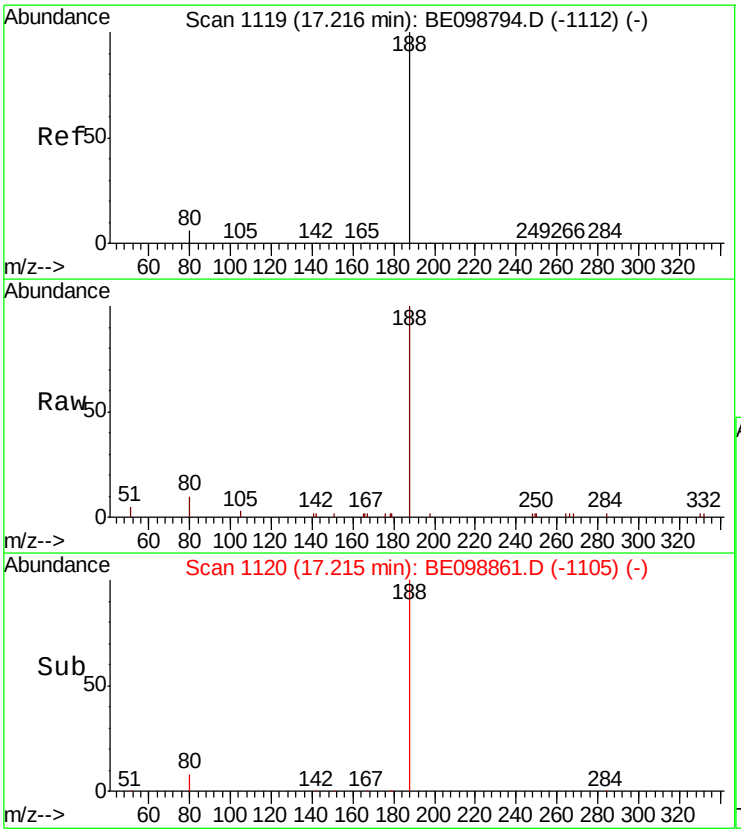
#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 13.10 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion:172 Resp: 1845

Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.0	42.0
170	29.5	17.7	26.5#

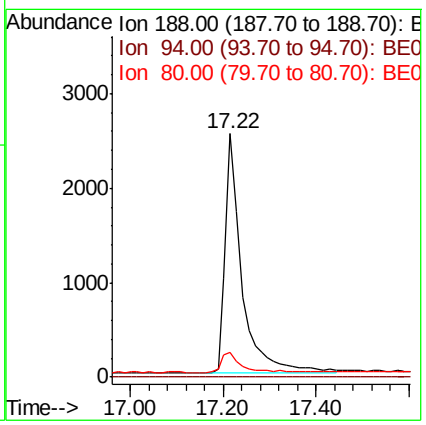


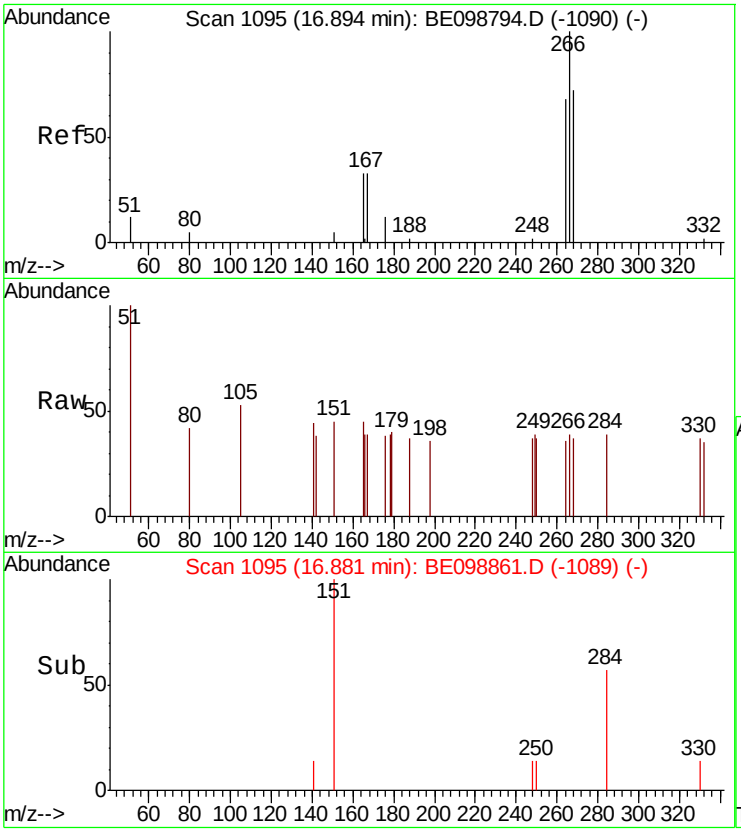


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion:188 Resp: 6358

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	6.3	9.5#



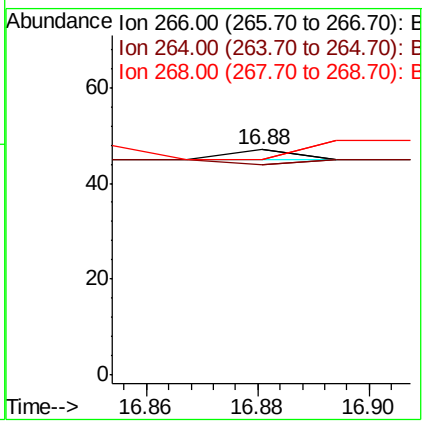


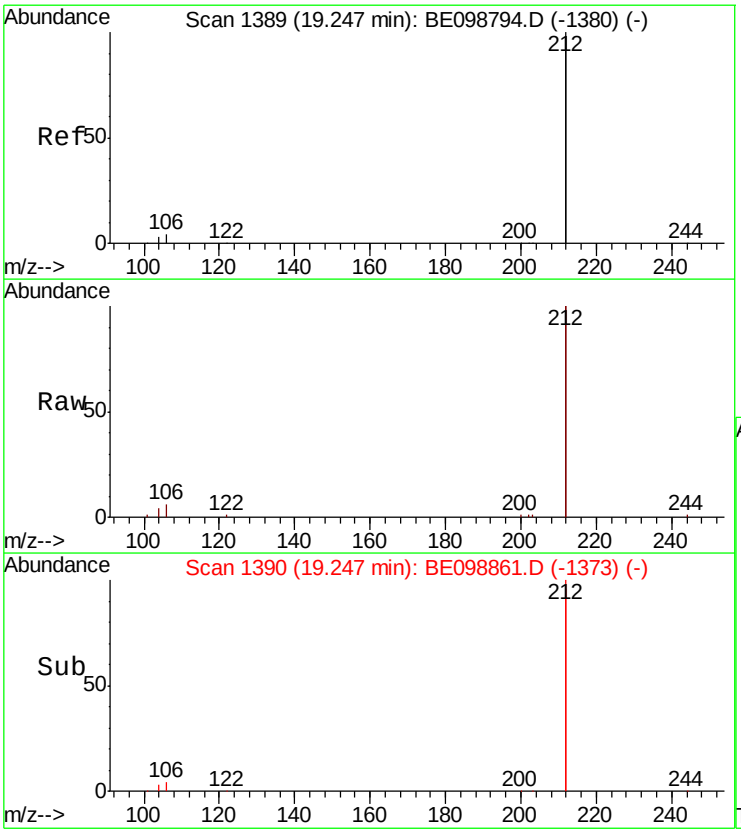
#22
Pentachlorophenol
Concen: 0.266 ng
RT: 16.88 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	93.6	66.6	100.0
268	95.7	69.8	104.8

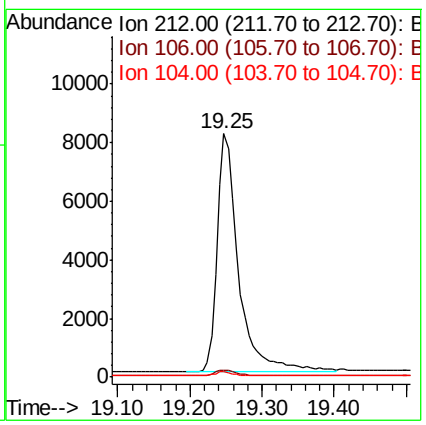


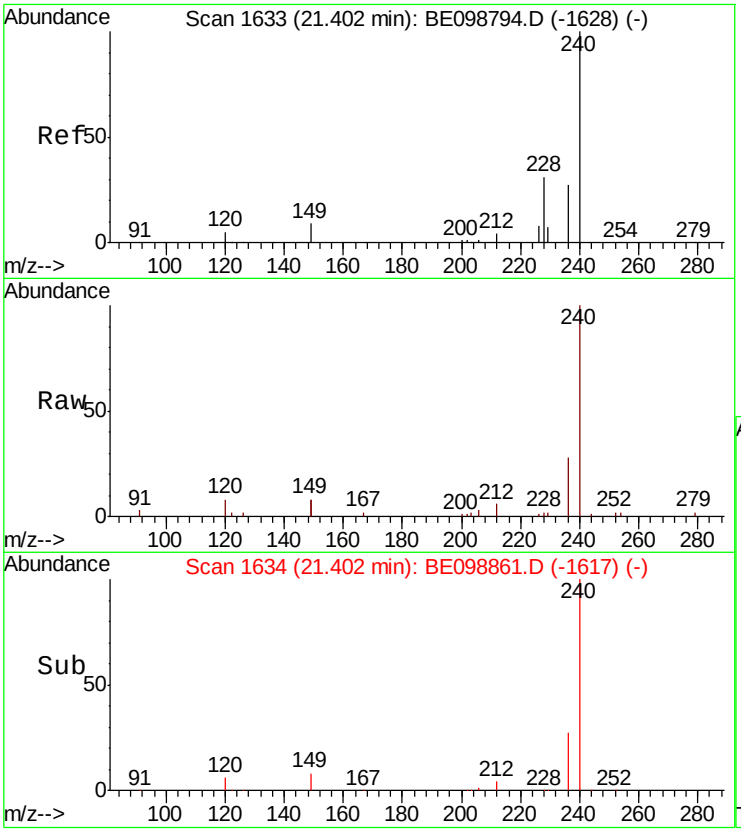


#25
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion:212 Resp: 16805

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.5	1.0	1.6



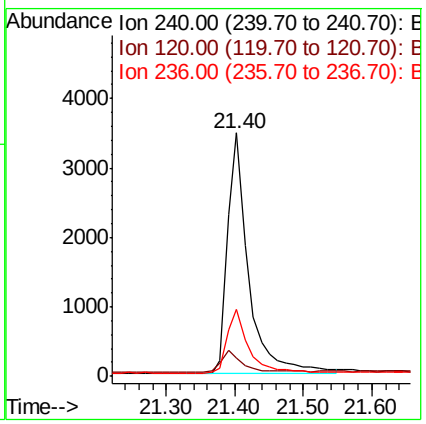


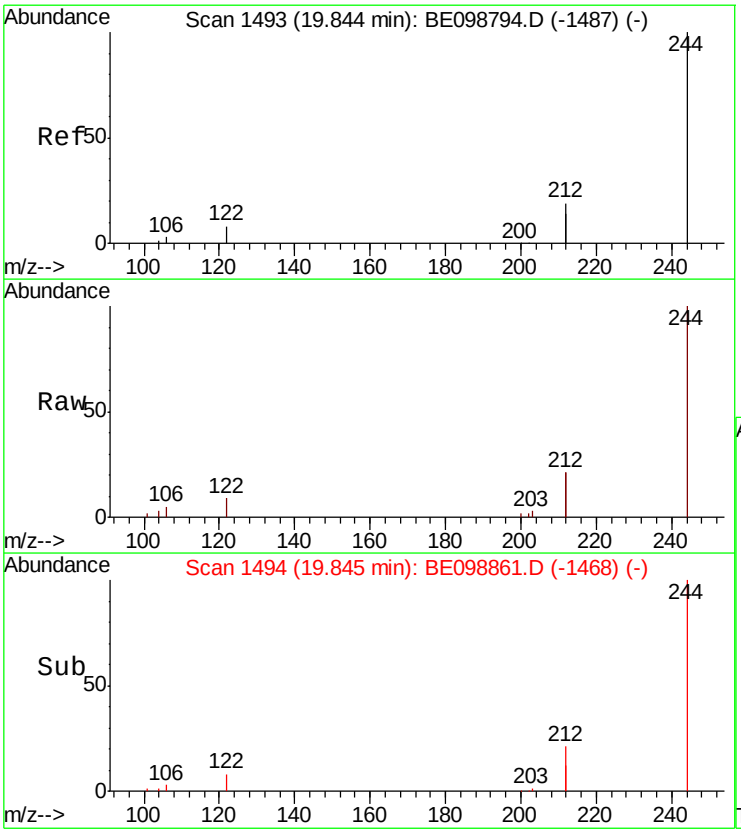
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion:240 Resp: 7315

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.0	7.4#
236	27.7	22.7	34.1

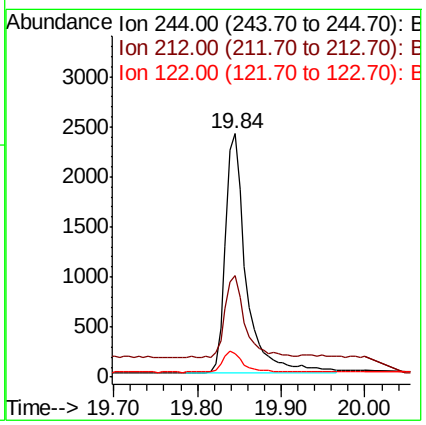


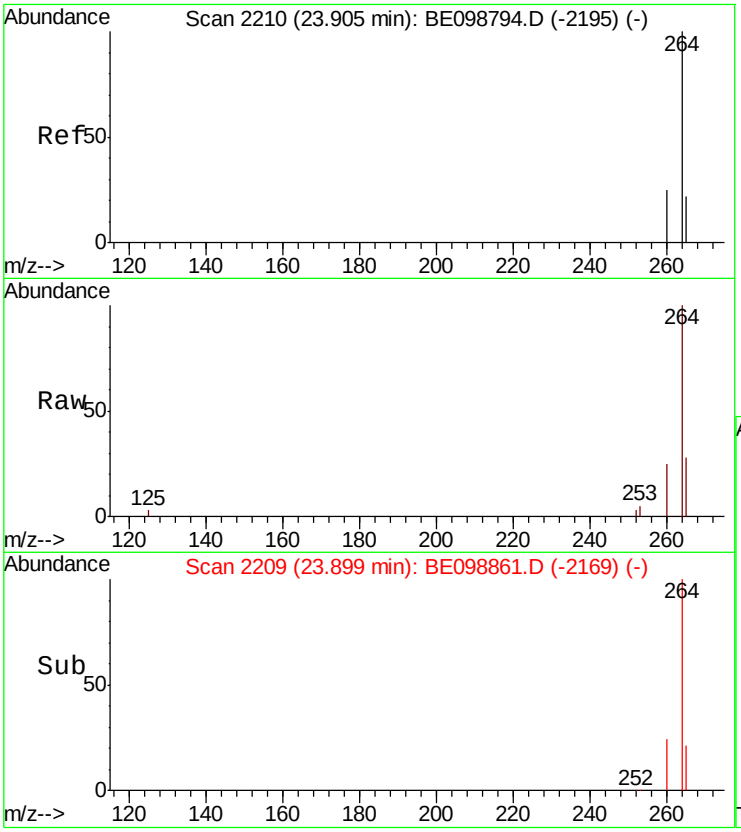


#29
Terphenyl-d14
Concen: 0.231 ng
RT: 19.84 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Tgt Ion:244 Resp: 4109

Ion	Ratio	Lower	Upper
244	100		
212	41.4	29.4	44.2
122	9.5	7.1	10.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BE098861.D
Acq: 11 Mar 2019 13:39

Instrument :
BNA_M
ClientSampleId :
RE108D2-20190306DL

Tgt Ion:264 Resp: 7083

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.2	31.8
265	27.6	24.6	36.8