Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
Data File : BE098671.D
Acq On : 18 Jan 2019 18:53
Operator : SJ/JU
Sample : K1136-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-103

Quant Time: Jan 18 21:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	979	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4110	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3037	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6406	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	7596	0.40	ng	0.00
34) Perylene-d12	23.92	264	7353	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	406	0.16	ng	0.01
5) Phenol-d6	7.00	99	361	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	1220	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2719	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	609	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4432	0.36	ng	0.00
25) Fluoranthene-d10	19.25	212	32381	0.41	ng	0.00
29) Terphenyl-d14	19.85	244	7339	0.44	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.65	128	10880	0.266	ng	# 63
17) Acenaphthene	14.53	154	728	0.088	ng	# 72
26) Fluoranthene	19.29	202	1246	0.064	ng	95
28) Pyrene	19.65	202	3683	0.176	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.32	149	4066	0.094	ng	# 97

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

Quantitation Report (QT Reviewed)

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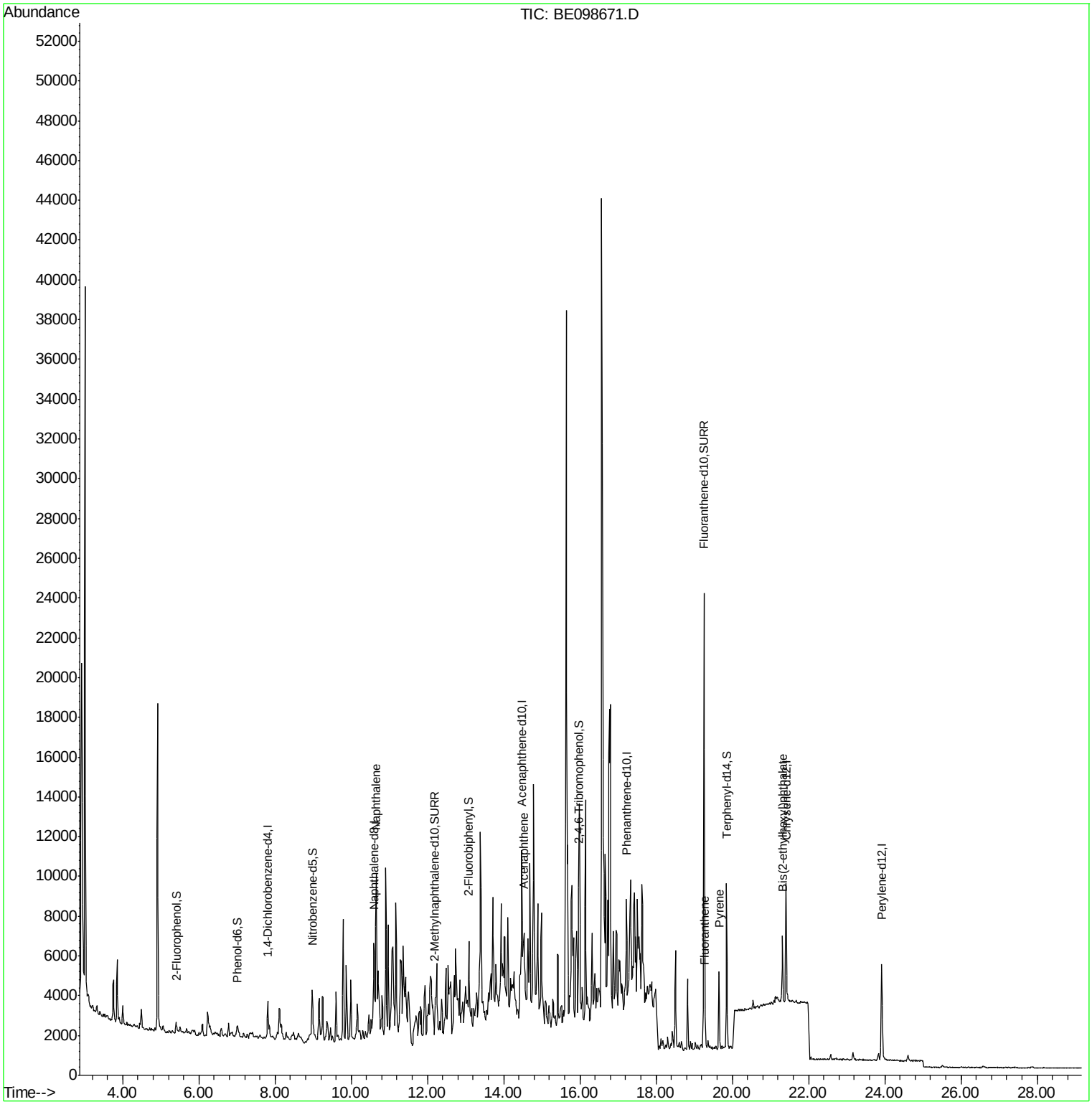
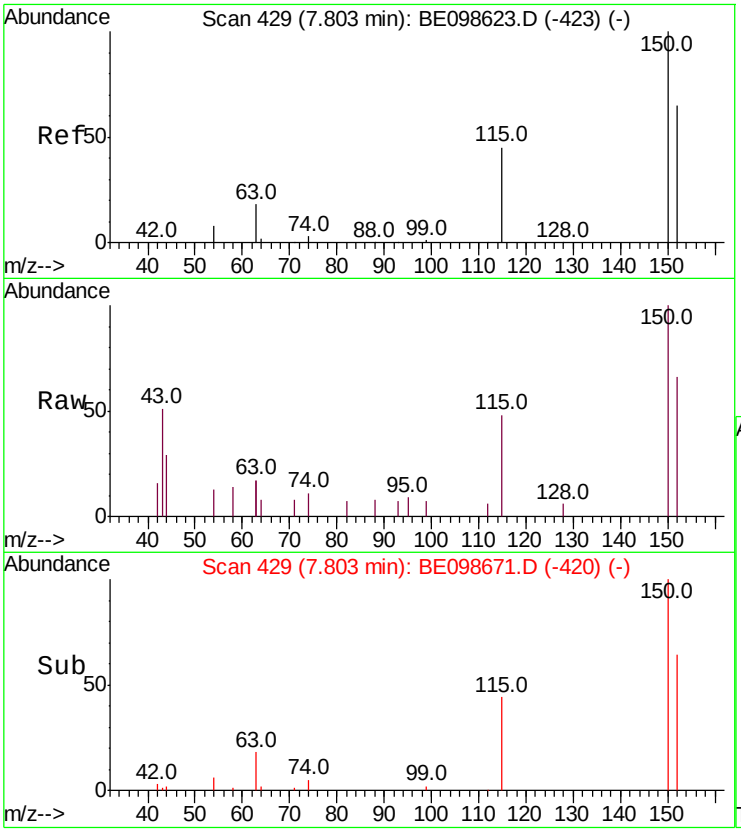
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration



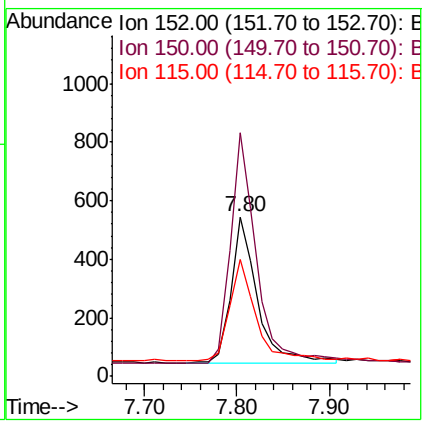


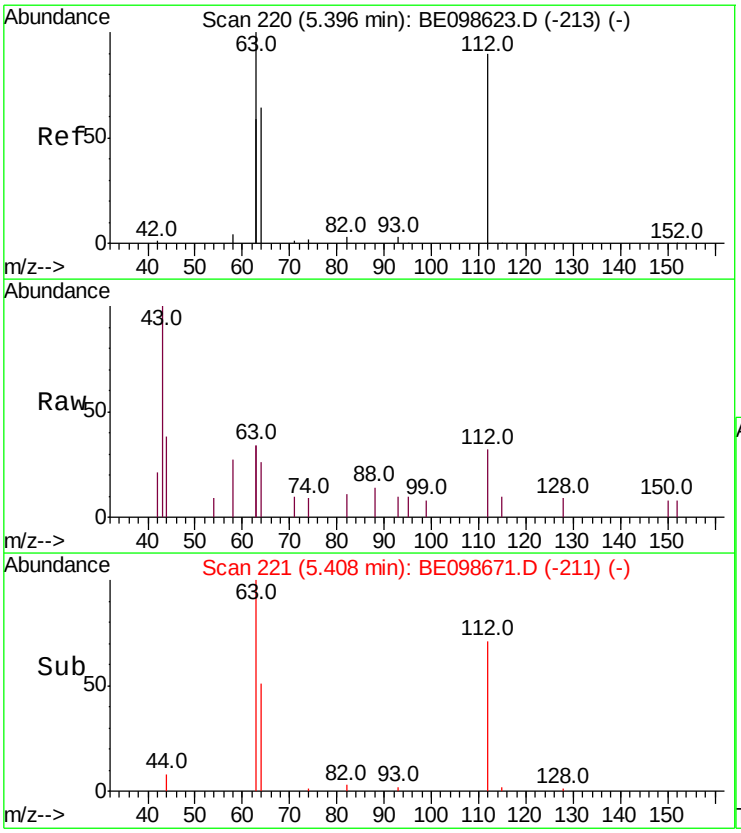
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:152 Resp: 979

Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.4	182.2
115	73.1	59.1	88.7

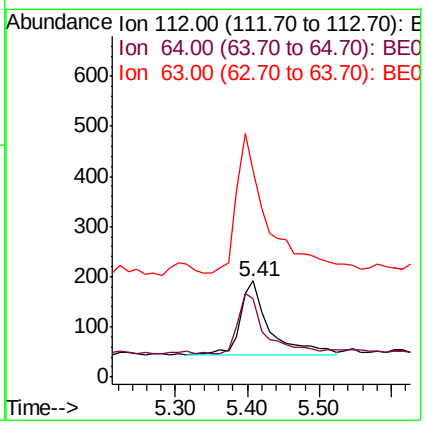


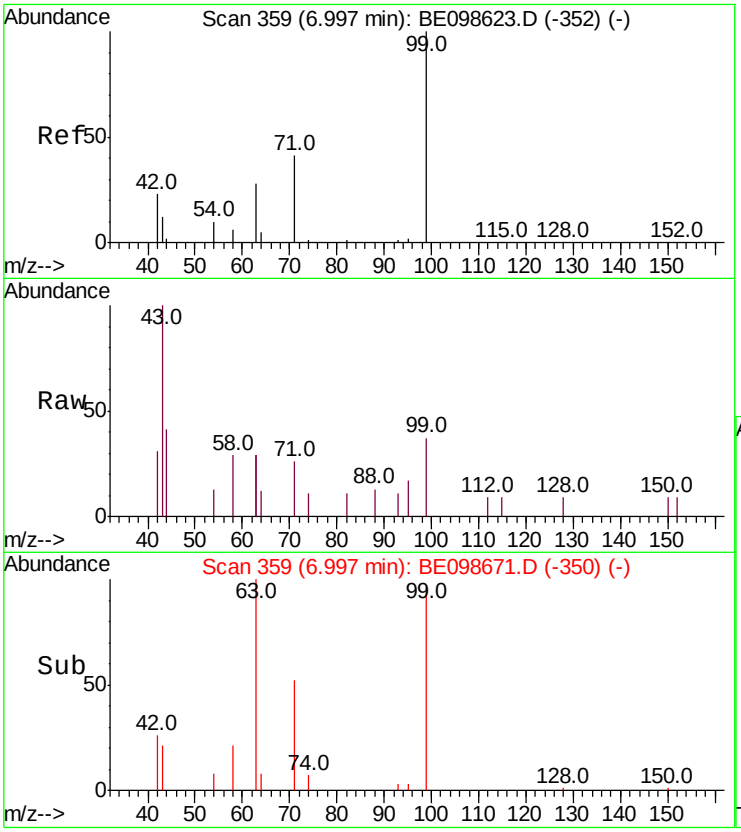


#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:112 Resp: 406

Ion	Ratio	Lower	Upper
112	100		
64	76.8	62.9	94.3
63	210.1	152.2	228.4



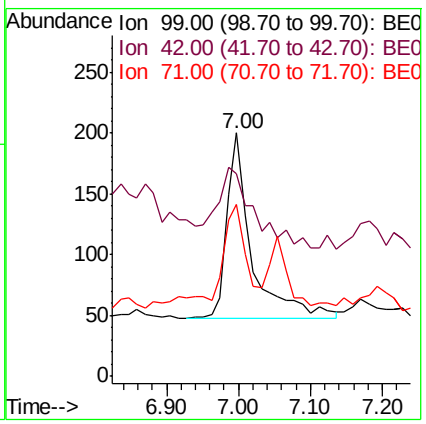


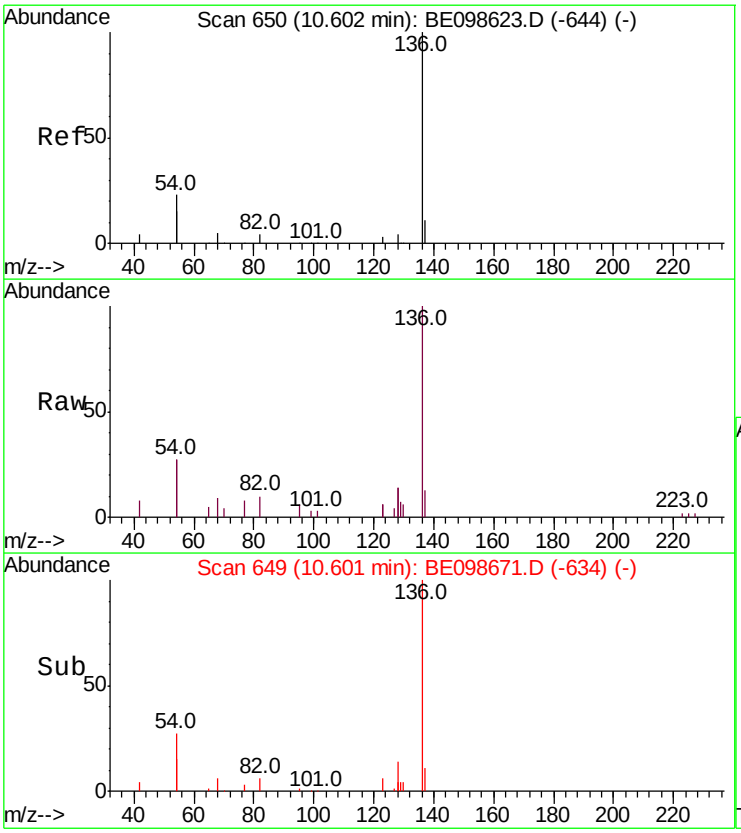
#5
Phenol-d6
Concen: 0.097 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion: 99 Resp: 361

Ion	Ratio	Lower	Upper
99	100		
42	68.4	24.6	37.0#
71	39.9	35.1	52.7

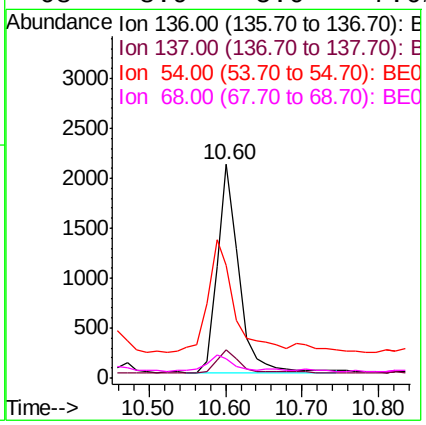


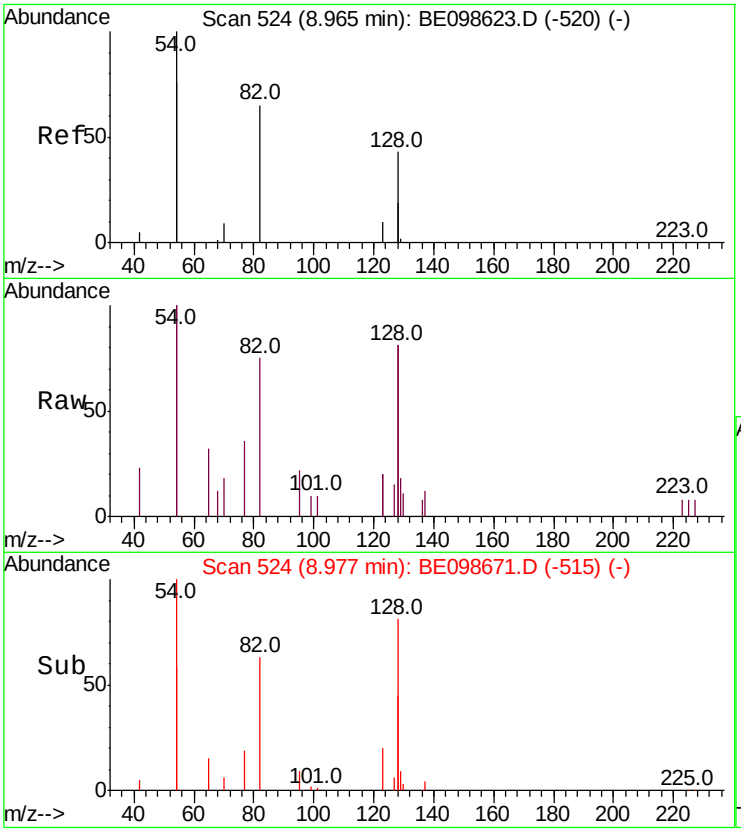


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:136 Resp: 4110

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	53.0	35.5	53.3
68	8.9	5.0	7.6#



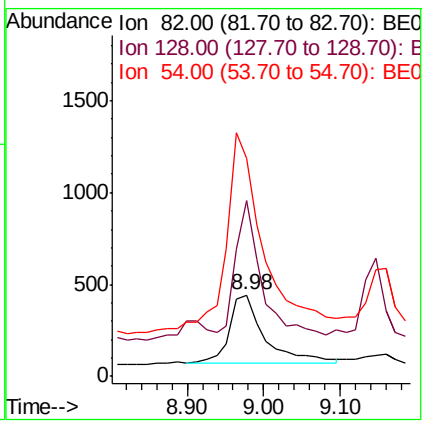


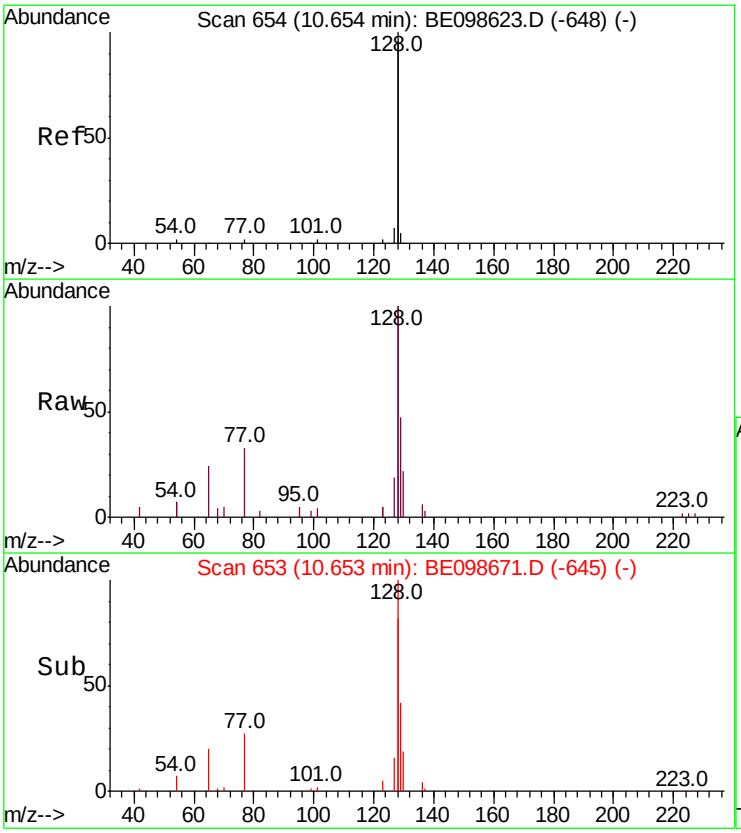
#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion: 82 Resp: 1220

Ion	Ratio	Lower	Upper
82	100		
128	216.2	96.5	144.7#
54	266.7	224.7	337.1

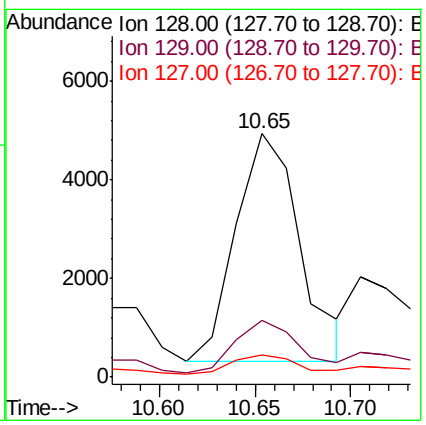


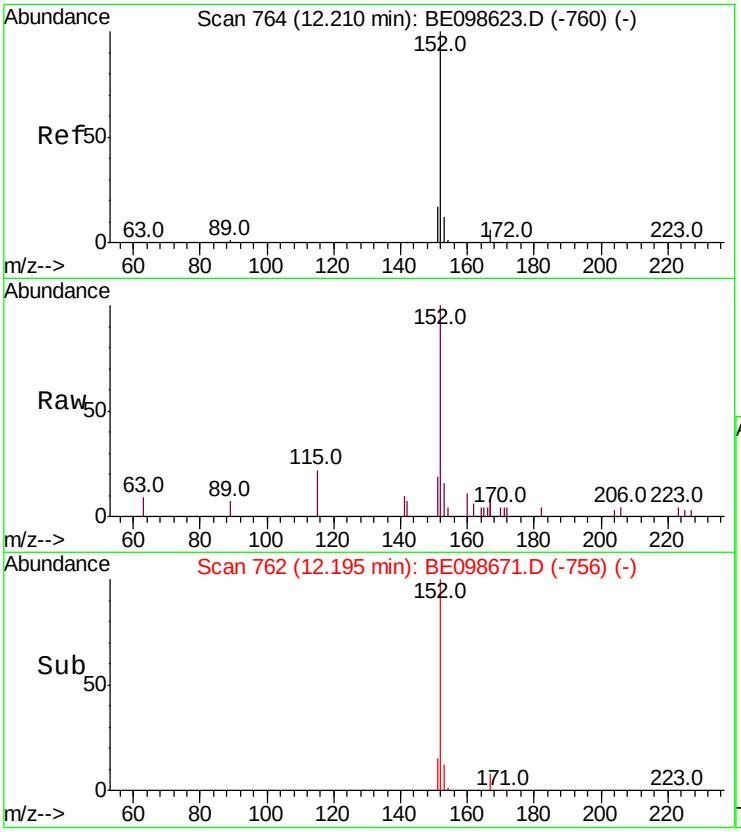


#9
Naphthalene
Concen: 0.266 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:128 Resp: 10880

Ion	Ratio	Lower	Upper
128	100		
129	23.4	2.6	3.8#
127	9.3	3.0	4.6#



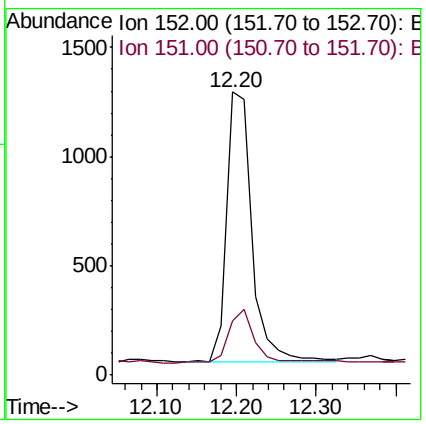


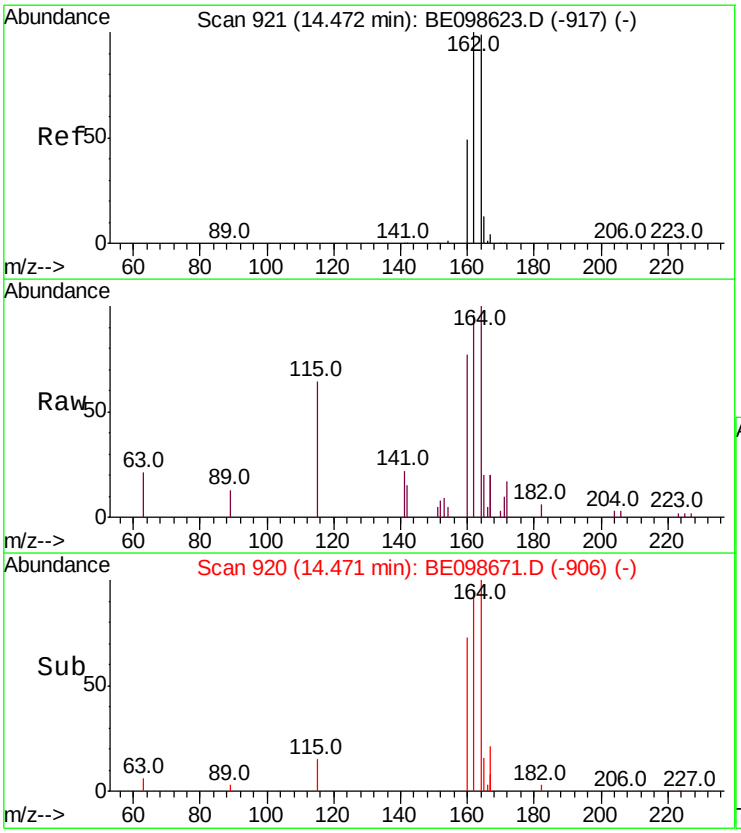
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:152 Resp: 2719

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4

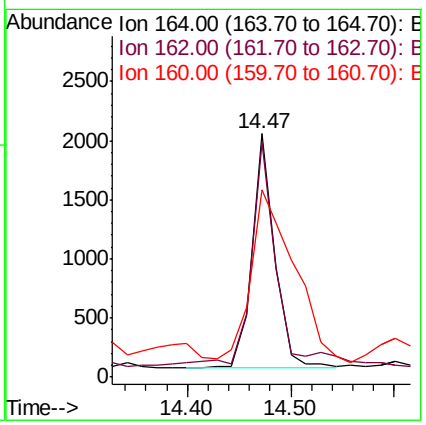


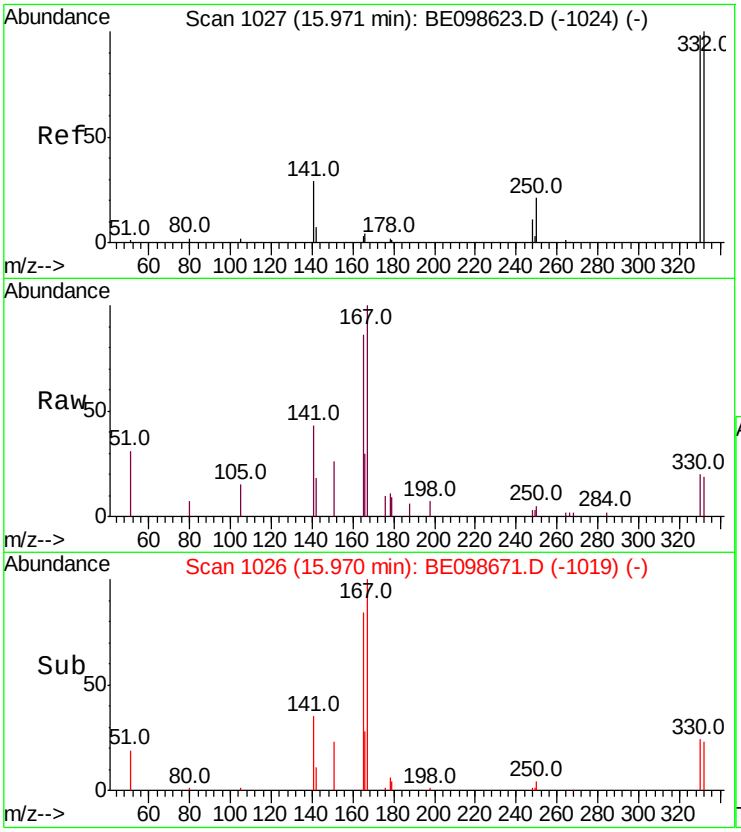


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:164 Resp: 3037

Ion	Ratio	Lower	Upper
164	100		
162	96.3	80.5	120.7
160	77.0	40.1	60.1#



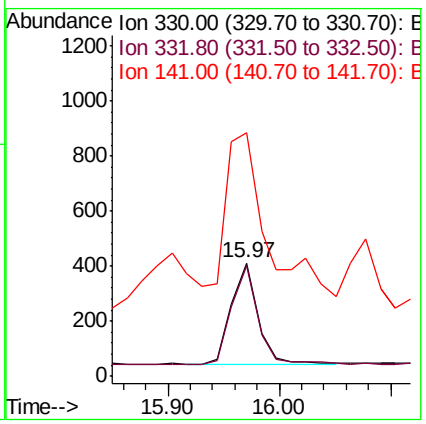


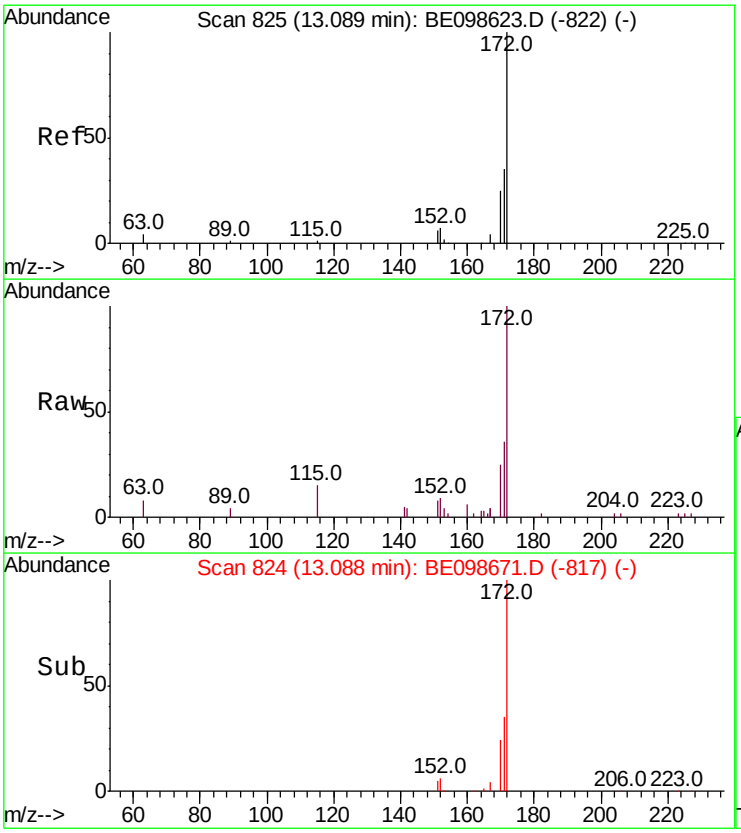
#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:330 Resp: 609

Ion	Ratio	Lower	Upper
330	100		
332	98.2	73.3	109.9
141	242.9	33.1	49.7#

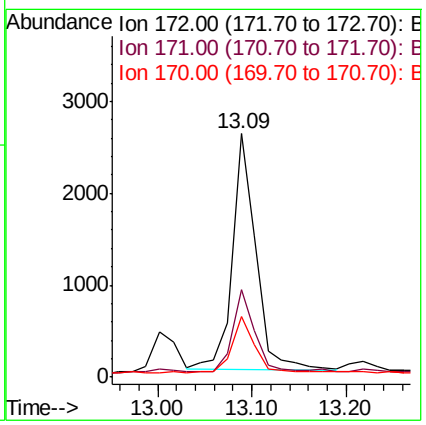


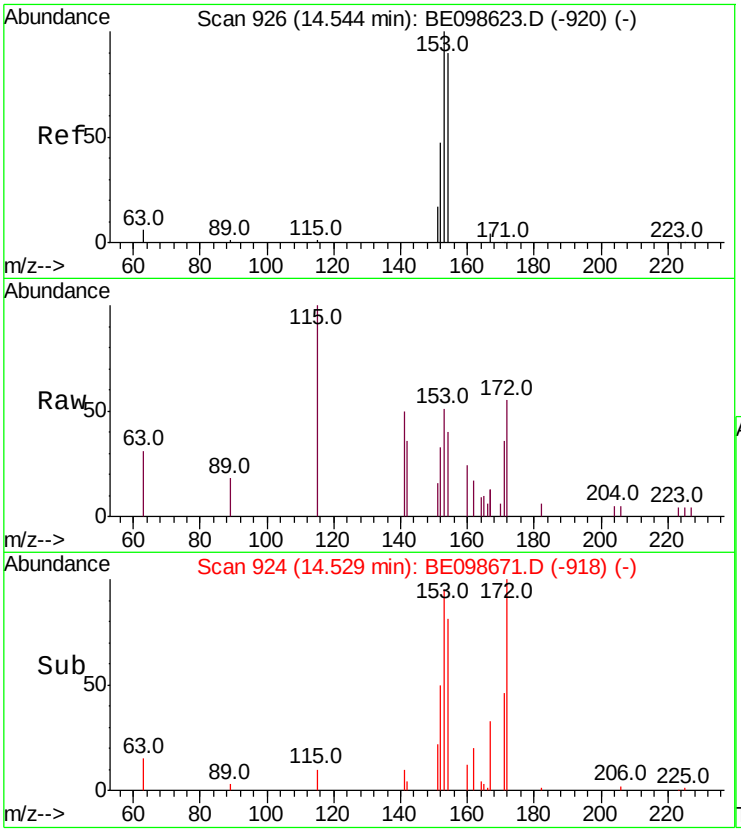


#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:172 Resp: 4432

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.6	20.8	31.2



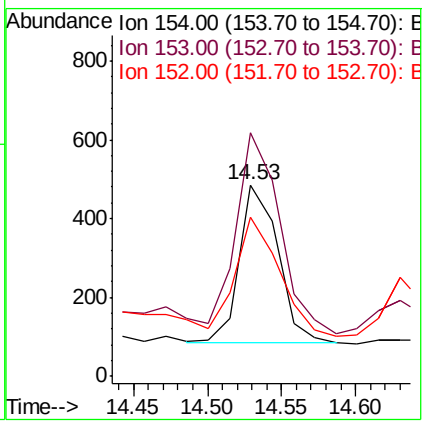


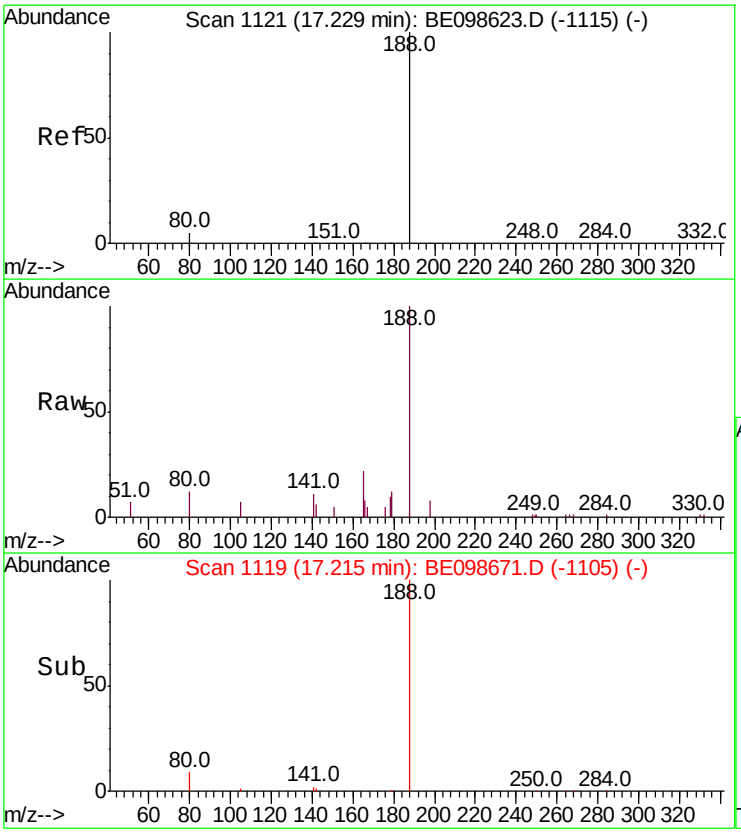
#17
Acenaphthene
Concen: 0.088 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:154 Resp: 728

Ion	Ratio	Lower	Upper
154	100		
153	142.4	93.9	140.9#
152	85.4	45.8	68.8#

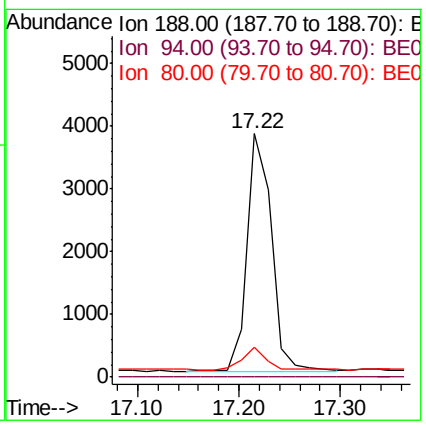


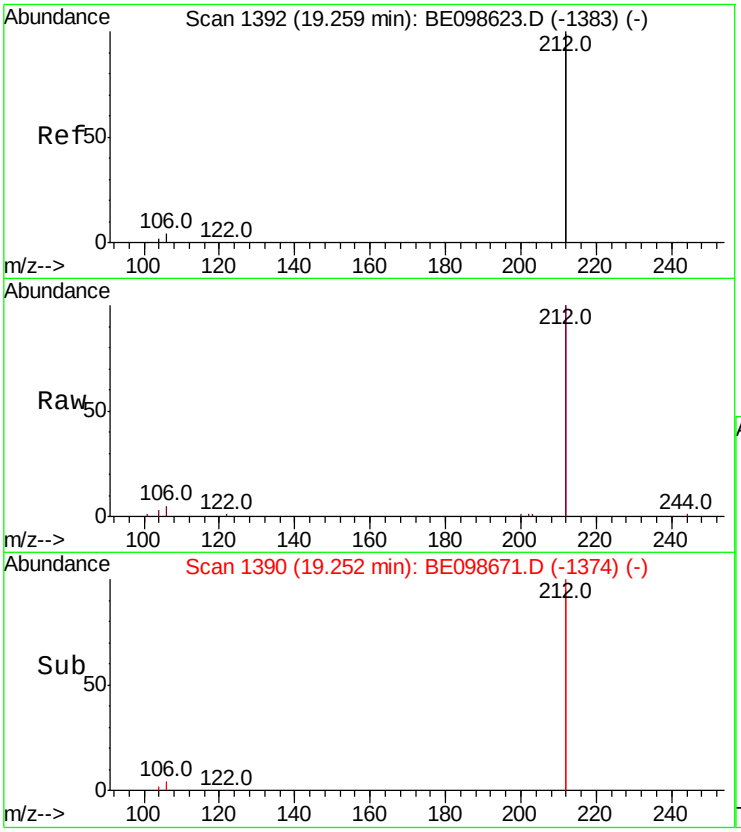


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:188 Resp: 6406

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	4.7	7.1#



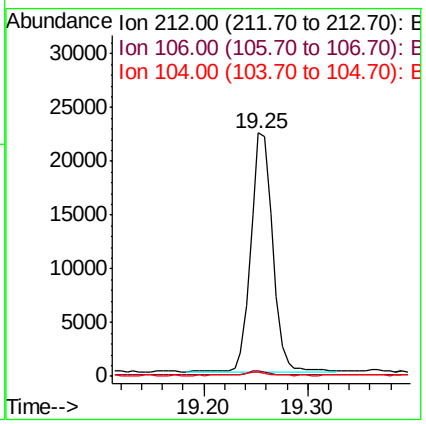


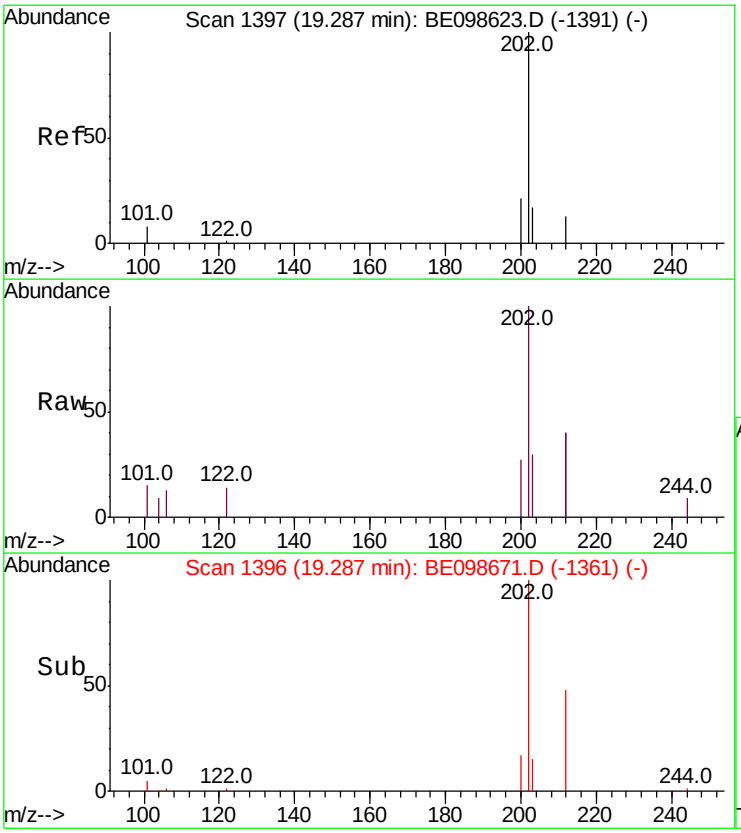
#25
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:212 Resp: 32381

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.3	1.0	1.6

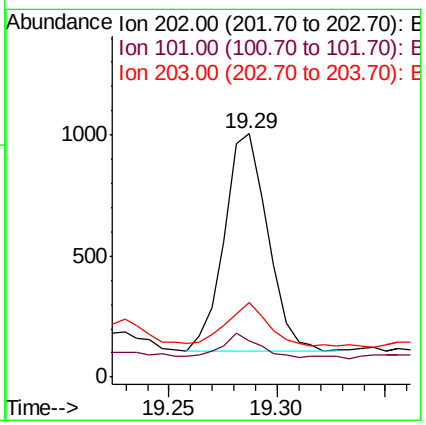


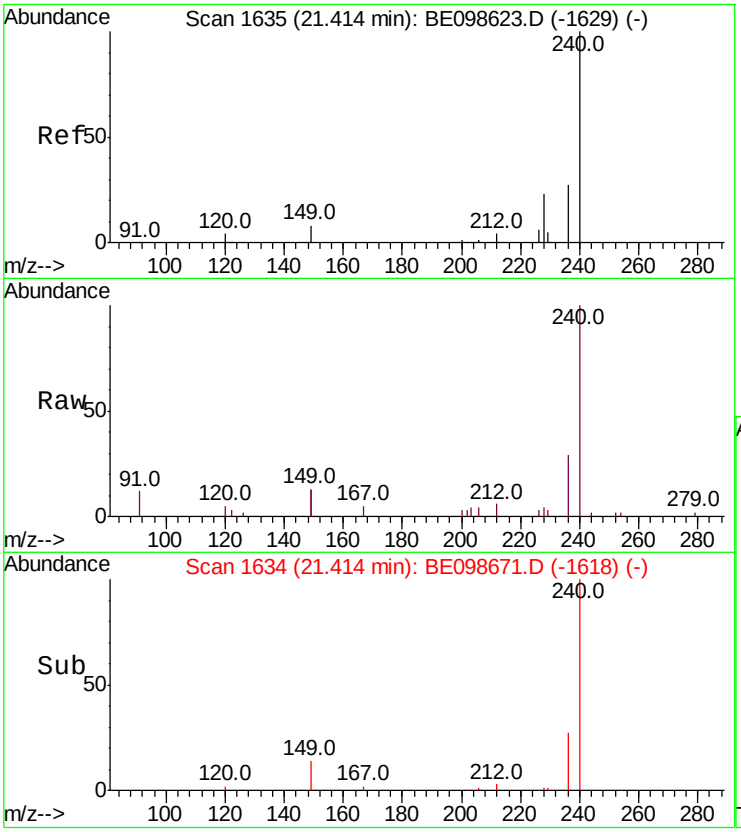


#26
Fluoranthene
Concen: 0.064 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:202 Resp: 1246

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
203	19.6	13.3	19.9



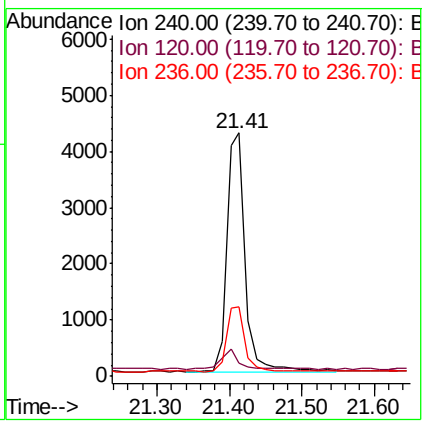


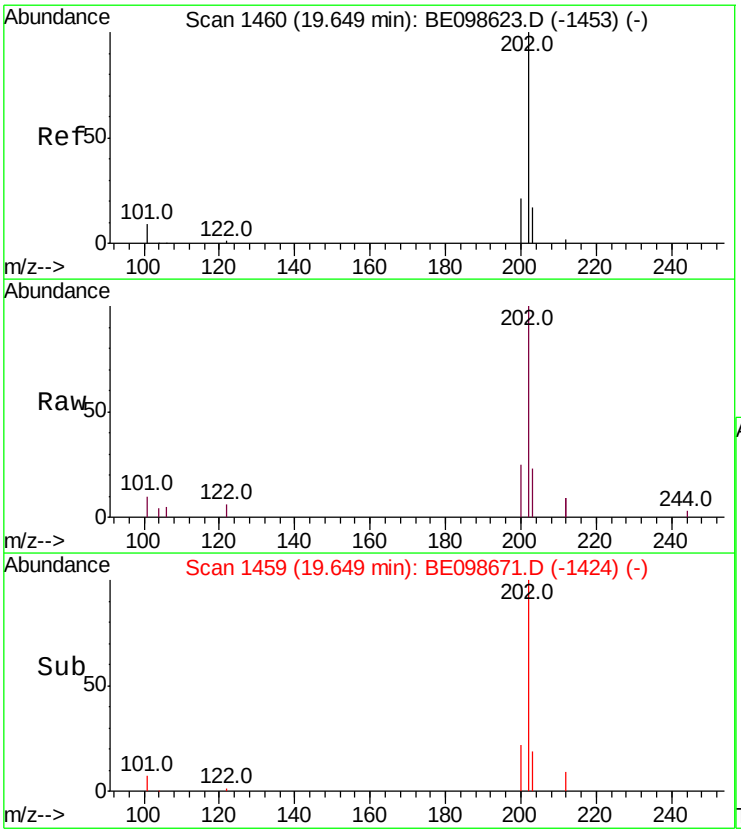
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:240 Resp: 7596

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.7	7.1
236	28.7	21.9	32.9

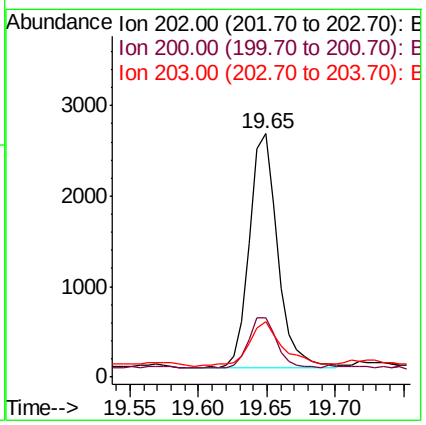


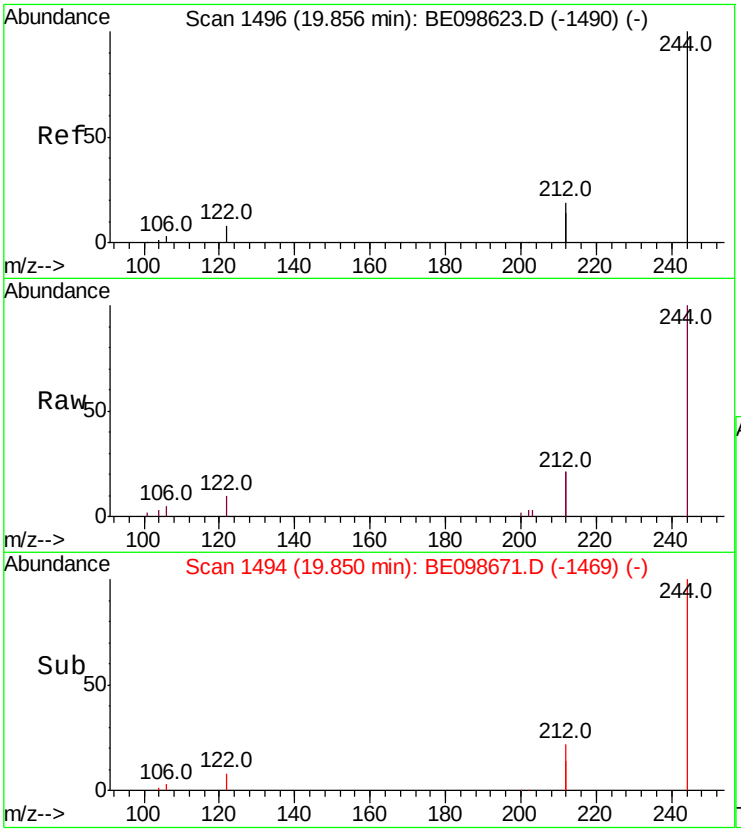


#28
Pyrene
Concen: 0.176 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:202 Resp: 3683

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	22.6	13.8	20.8#



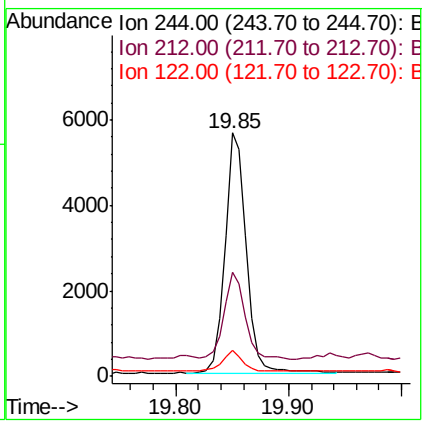


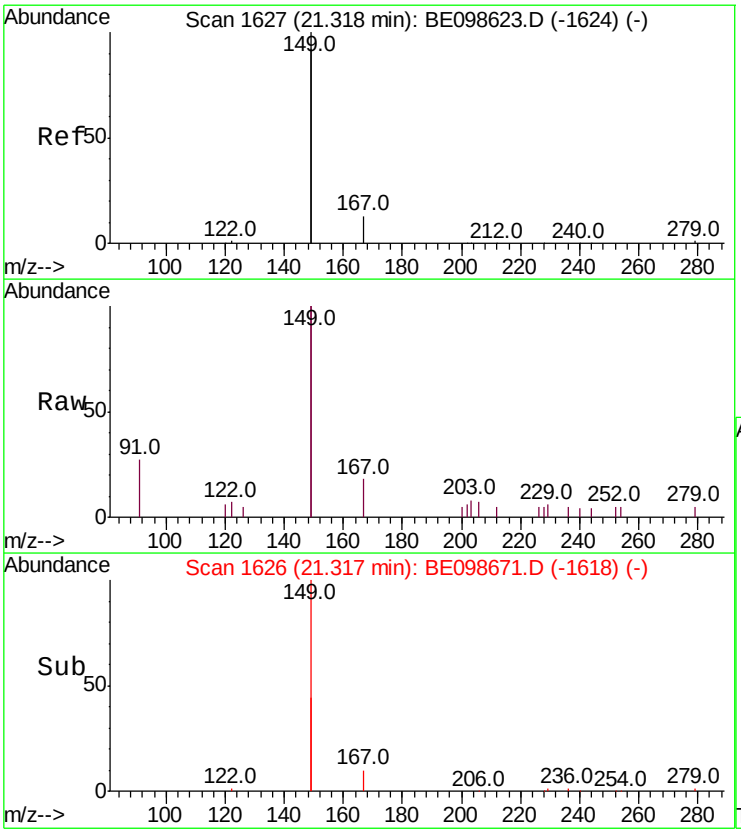
#29
Terphenyl-d14
Concen: 0.437 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:244 Resp: 7339

Ion	Ratio	Lower	Upper
244	100		
212	42.6	29.4	44.2
122	10.4	7.1	10.7

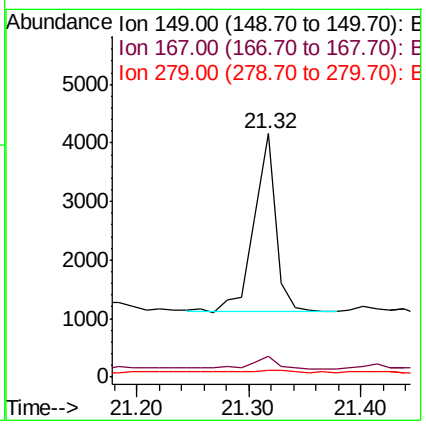


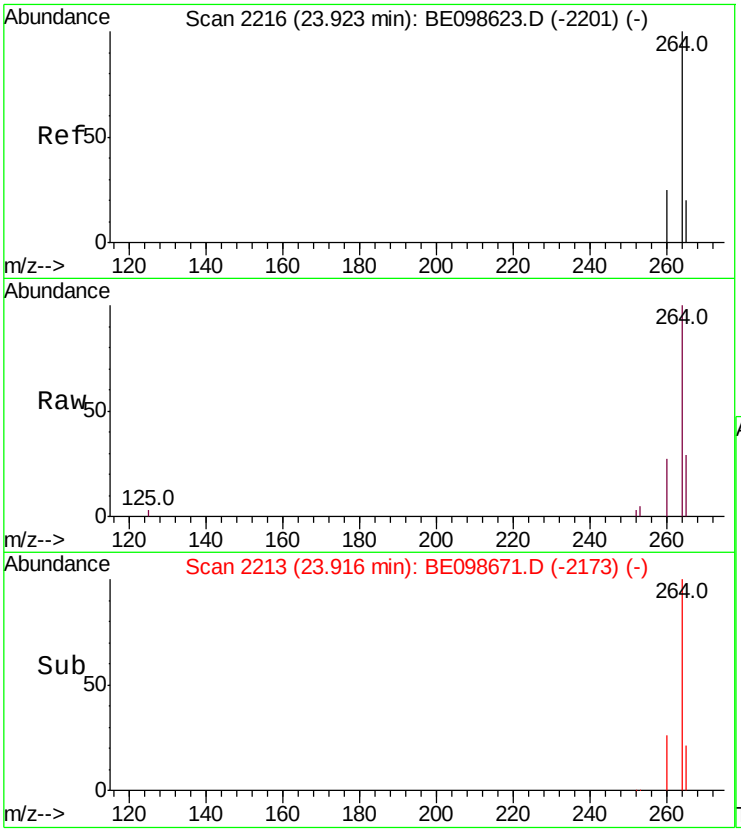


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:149 Resp: 4066

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.4	8.2
279	1.6	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampleId :
MW-103

Tgt Ion:264 Resp: 7353

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.5	30.7
265	28.6	22.3	33.5