Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098840.D
Acq On : 8 Mar 2019 18:36
Operator : JU/SJ
Sample : K1793-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE131D3-20190305

Quant Time: Mar 09 00:46:01 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	7.79	152	833	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3323	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2301	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5485	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7327	0.40	ng	0.00
34) Perylene-d12	23.90	264	7026	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	284	0.11	ng	0.01
5) Phenol-d6	6.97	99	302	0.09	ng	-0.01
8) Nitrobenzene-d5	8.98	82	1186	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2016	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	444	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3639	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	28919	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8047	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	1655	1.186	ng	# 86
3) n-Nitrosodimethylamine	3.63	42	81	0.039	ng	# 14
22) Pentachlorophenol	16.91	266	9	0.272	ng	87
23) Phenanthrene	17.26	178	357	0.023	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.31	149	6846	0.141	ng	100

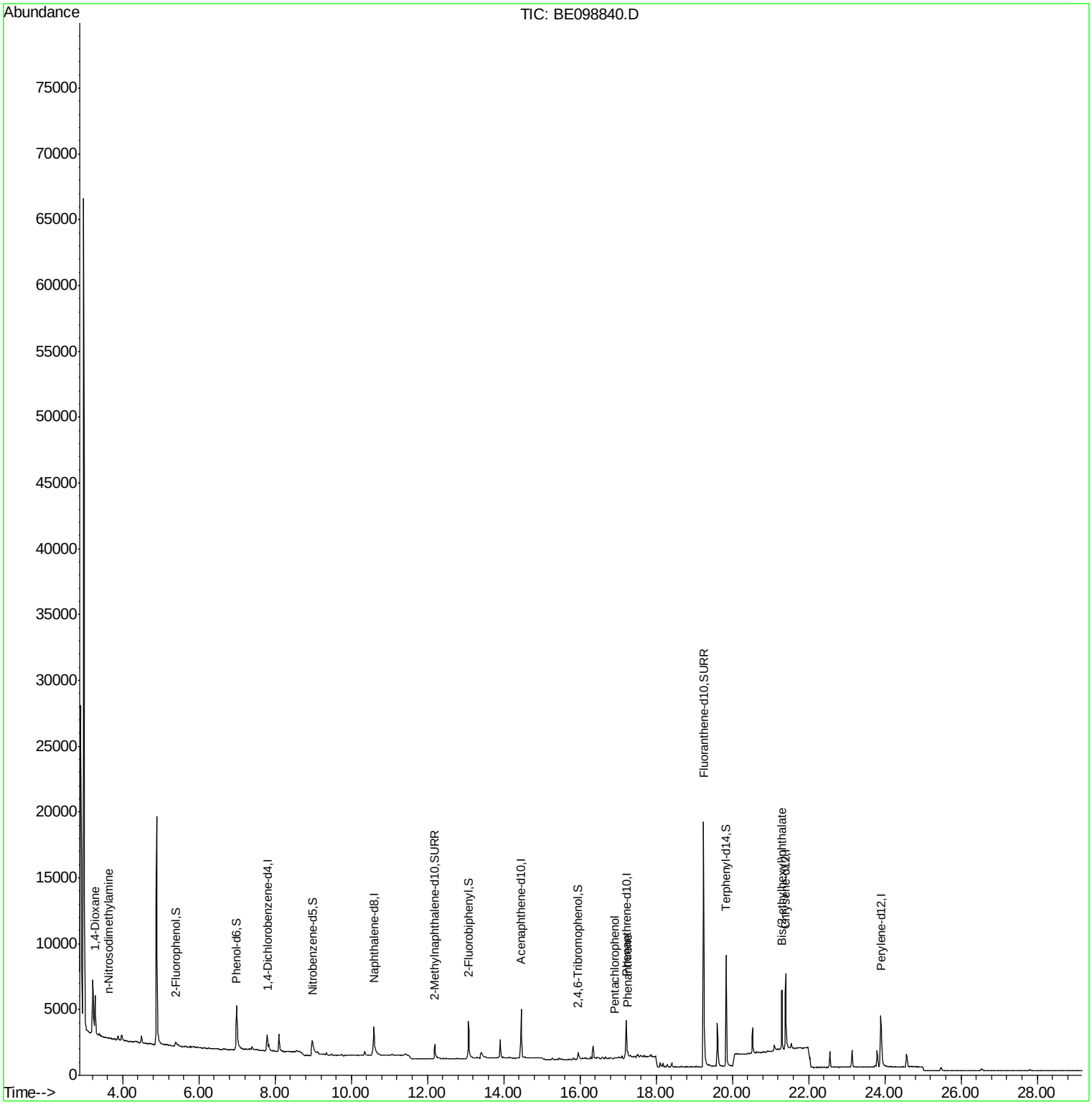
(#) = qualifier out of range (m) = manual integration (+) = signals summed

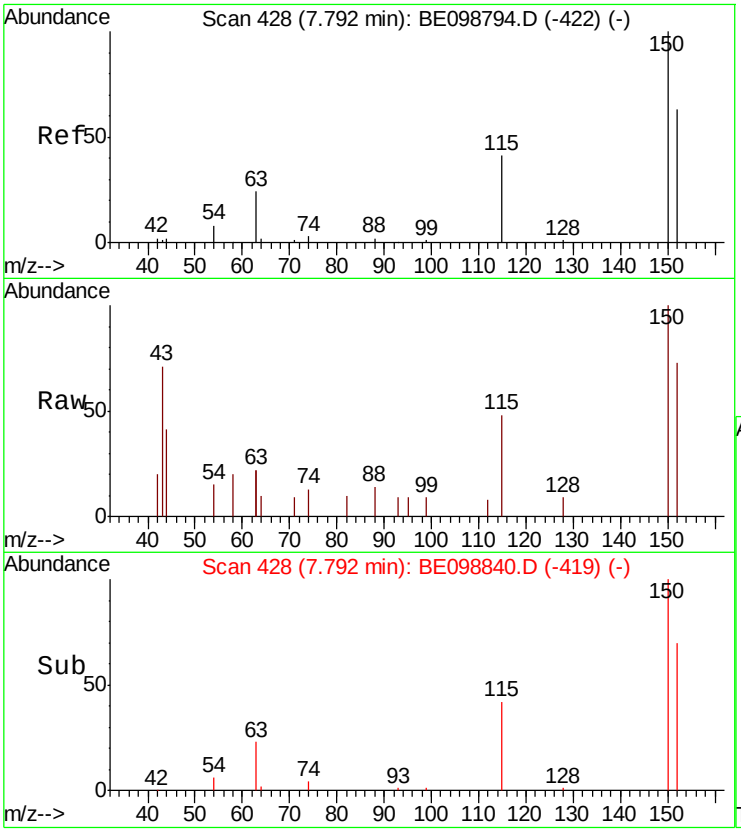
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098840.D
Acq On : 8 Mar 2019 18:36
Operator : JU/SJ
Sample : K1793-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Quant Time: Mar 09 00:46:01 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



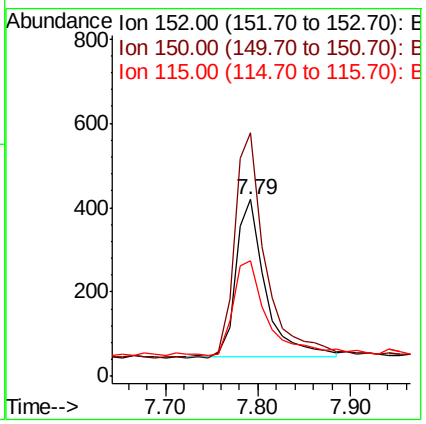


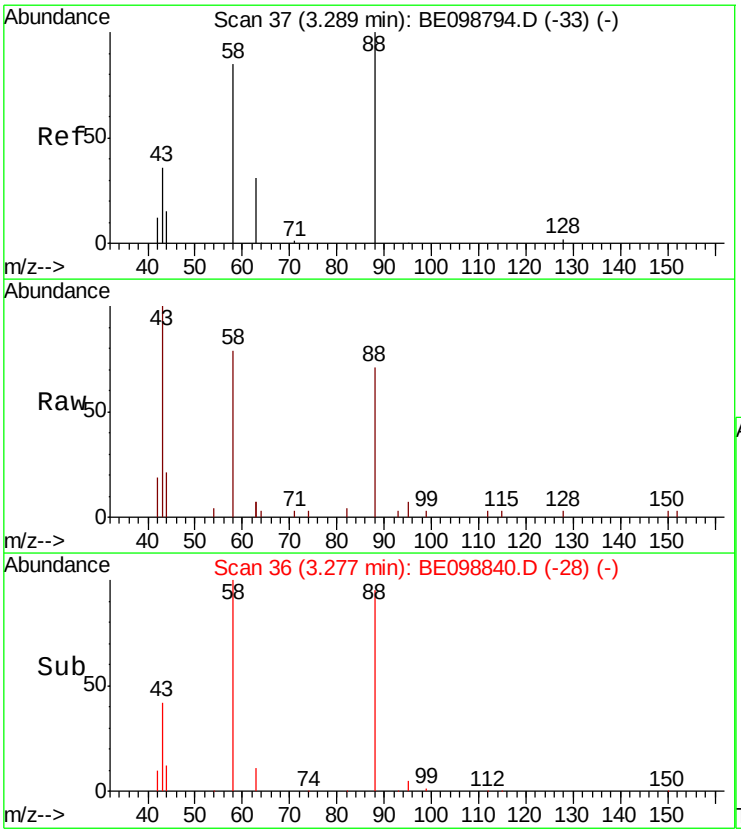
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:152 Resp: 833

Ion	Ratio	Lower	Upper
152	100		
150	137.7	122.5	183.7
115	65.6	57.4	86.2

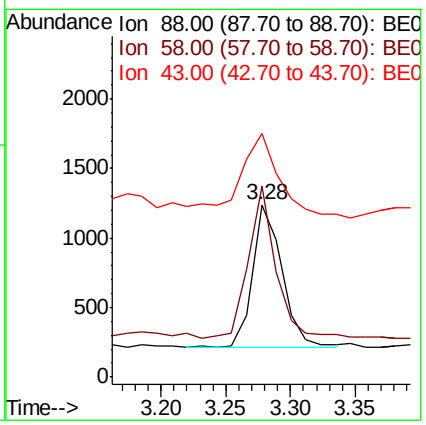


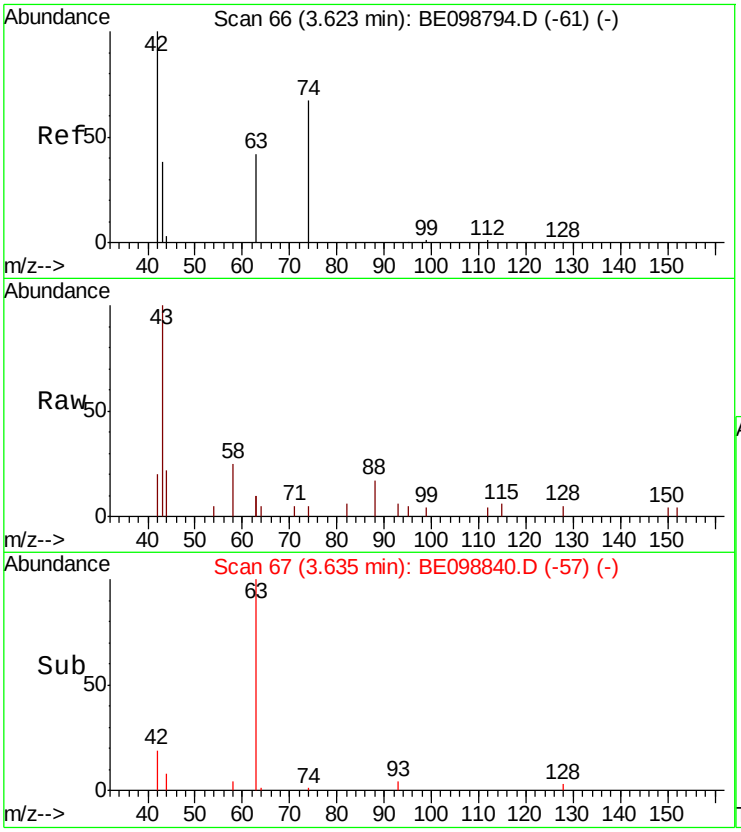


#2
1,4-Dioxane
Concen: 1.186 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion: 88 Resp: 1655

Ion	Ratio	Lower	Upper
88	100		
58	99.0	75.8	113.6
43	74.3	41.8	62.8#



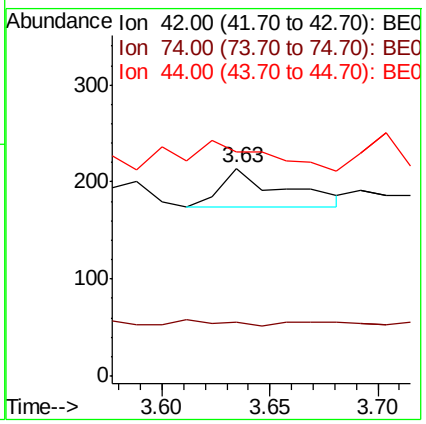


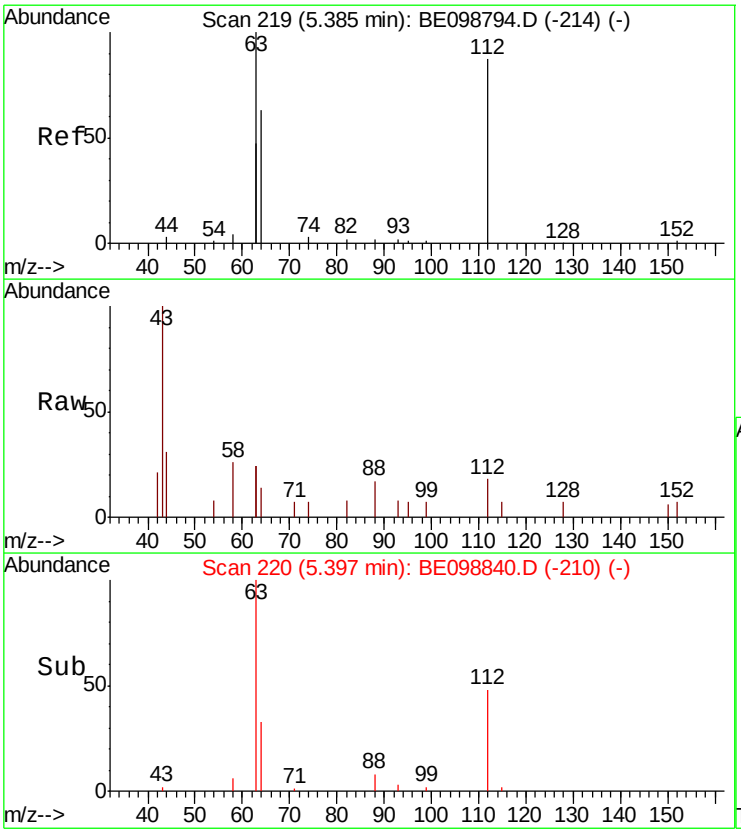
#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion: 42 Resp: 81

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	109.9	0.0	0.0#

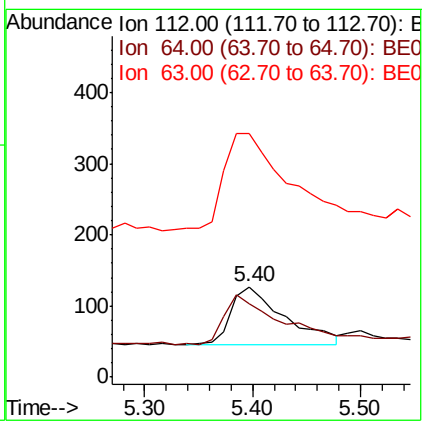


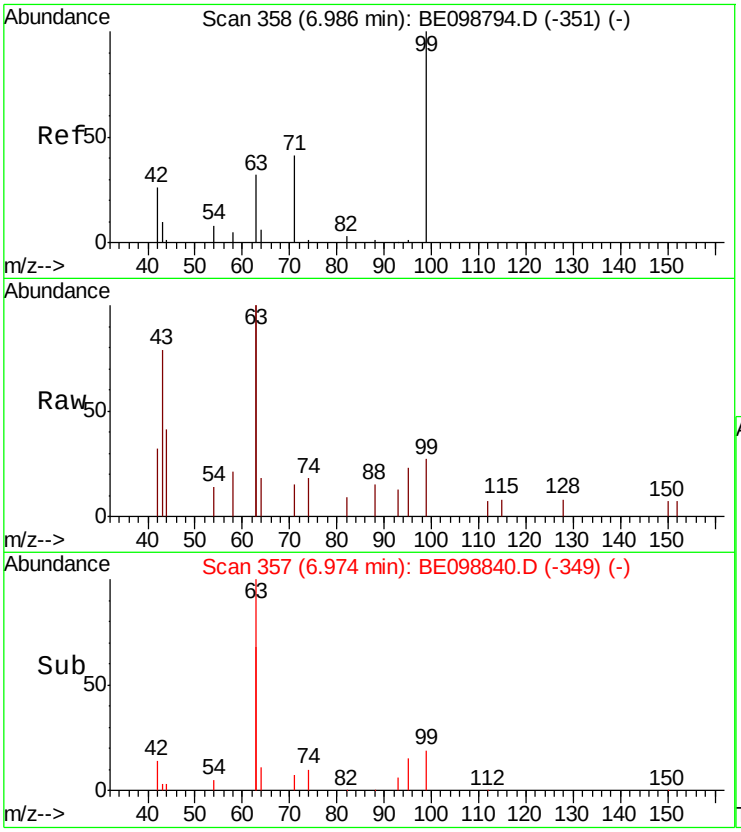


#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:112 Resp: 284

Ion	Ratio	Lower	Upper
112	100		
64	106.3	57.9	86.9#
63	224.6	158.3	237.5



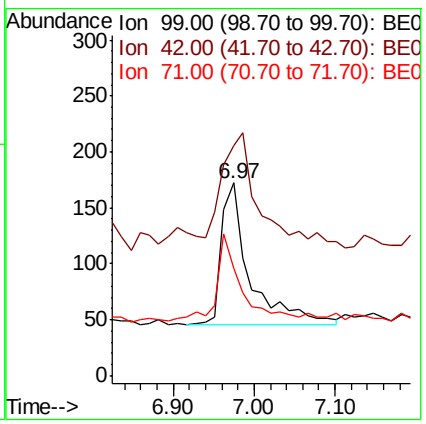


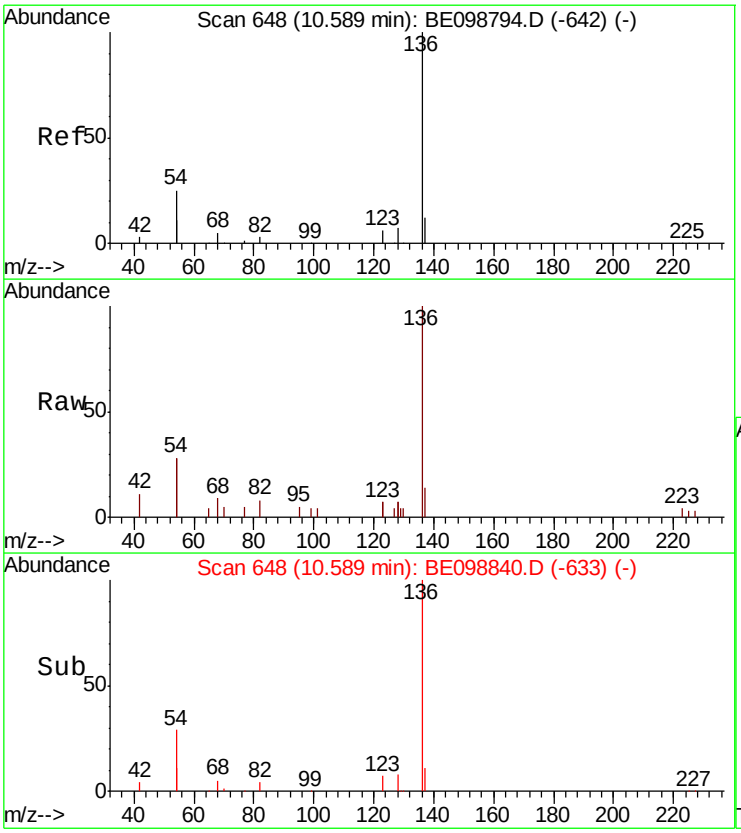
#5
Phenol-d6
Concen: 0.086 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion: 99 Resp: 302

Ion	Ratio	Lower	Upper
99	100		
42	110.3	24.2	36.2#
71	0.0	35.7	53.5#

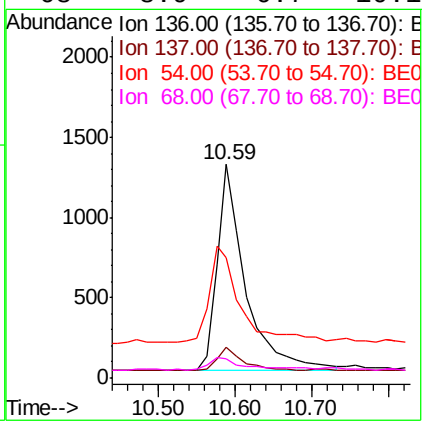


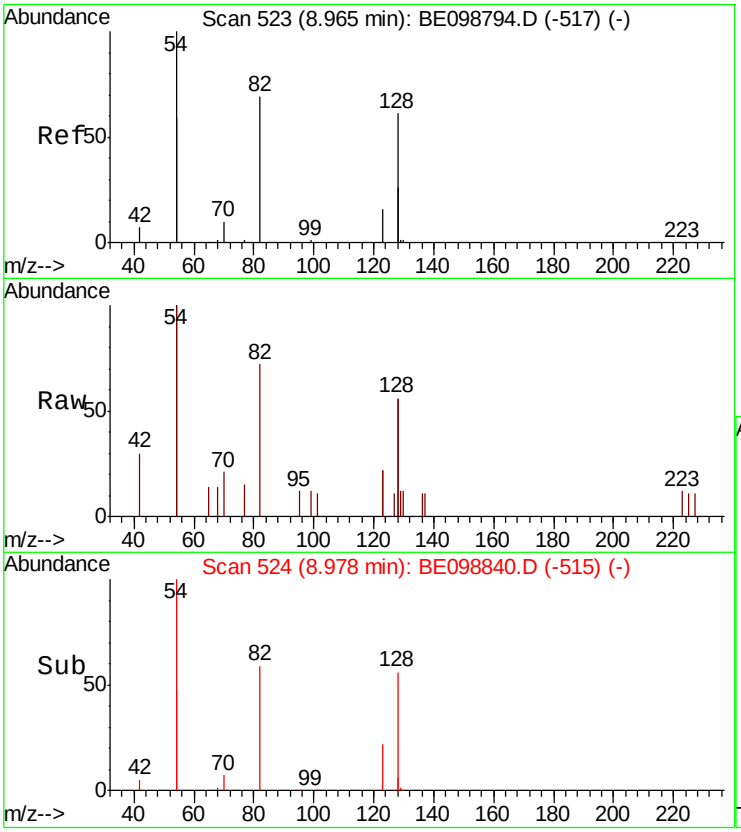


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:136 Resp: 3323

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.4	17.0
54	56.6	39.3	58.9
68	8.9	6.7	10.1



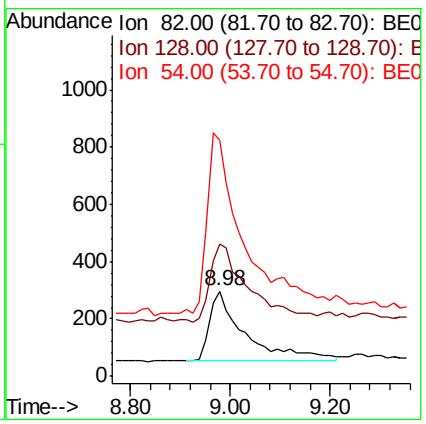


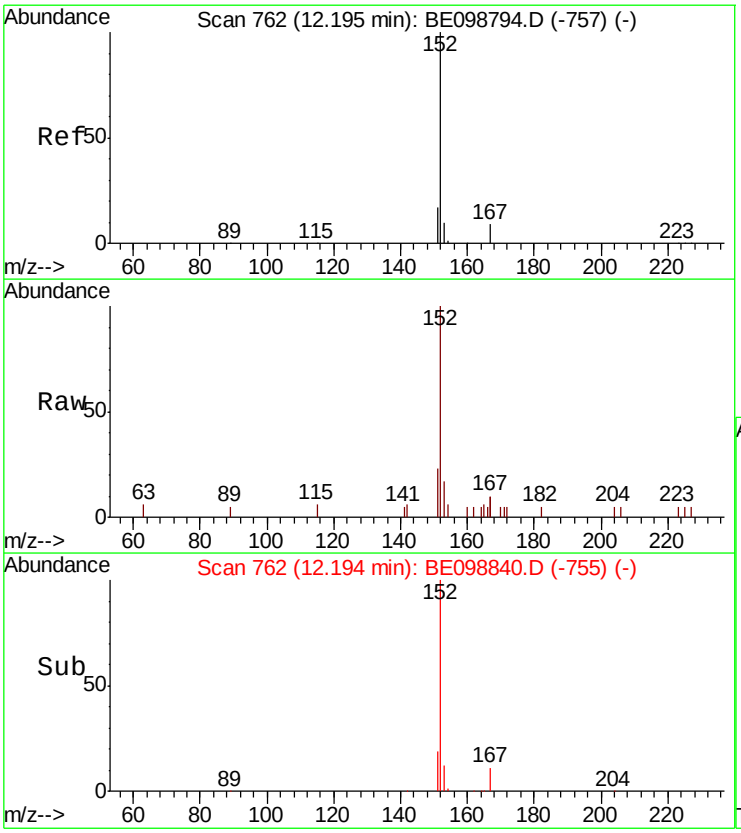
#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion: 82 Resp: 1186

Ion	Ratio	Lower	Upper
82	100		
128	156.1	123.8	185.8
54	278.4	203.4	305.2

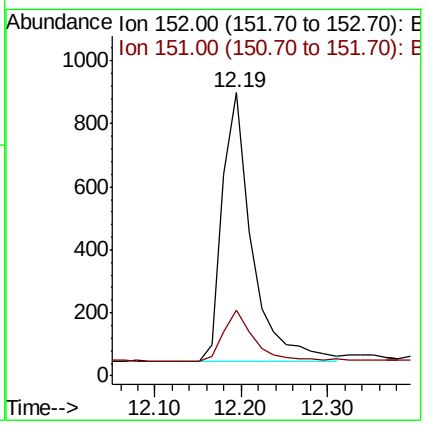


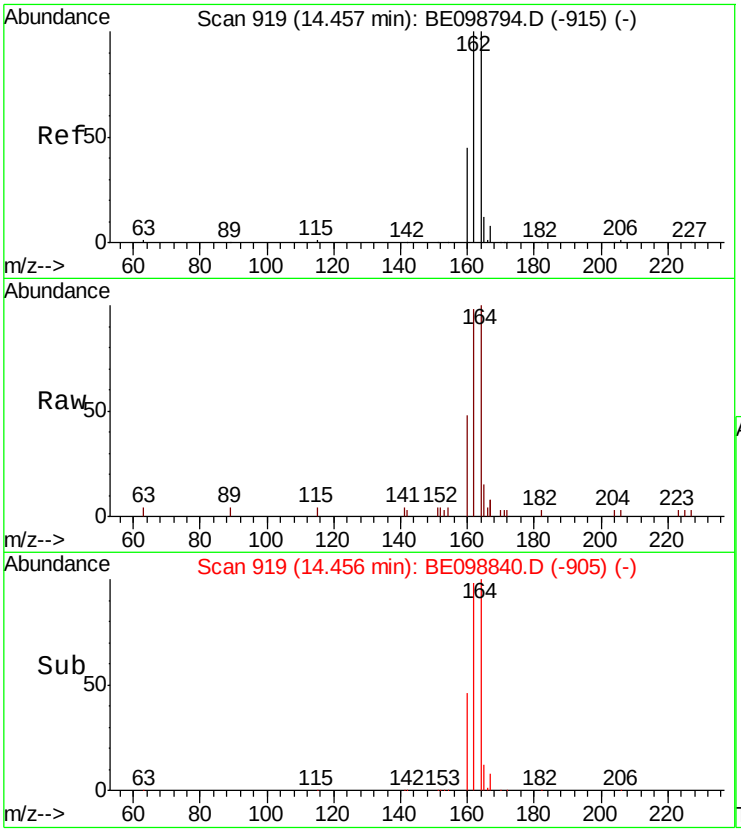


#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:152 Resp: 2016

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7



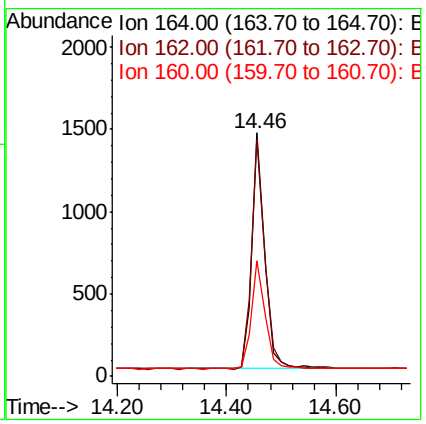


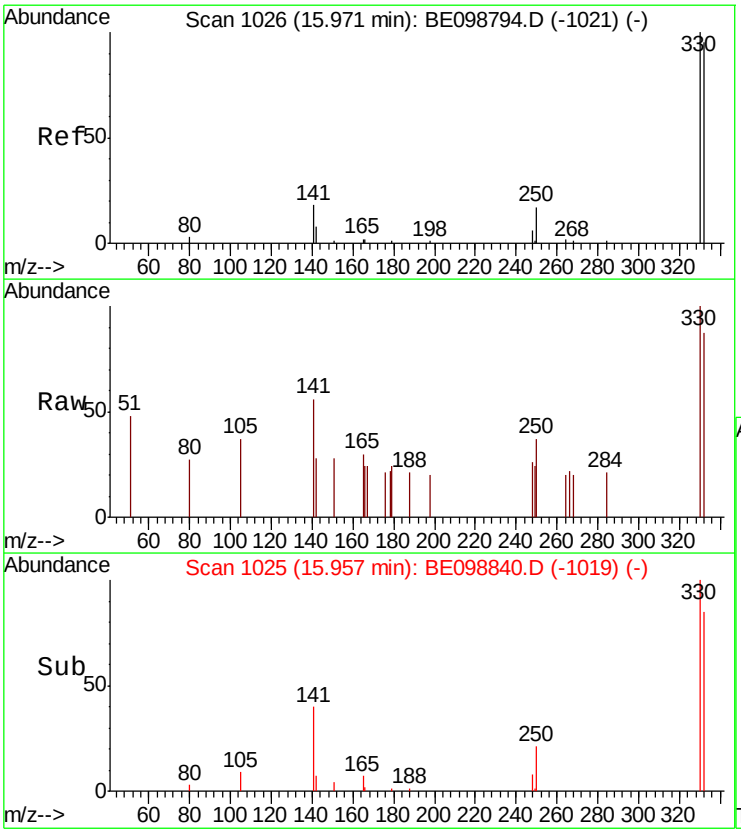
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:164 Resp: 2301

Ion	Ratio	Lower	Upper
164	100		
162	97.6	80.2	120.2
160	47.7	37.8	56.8

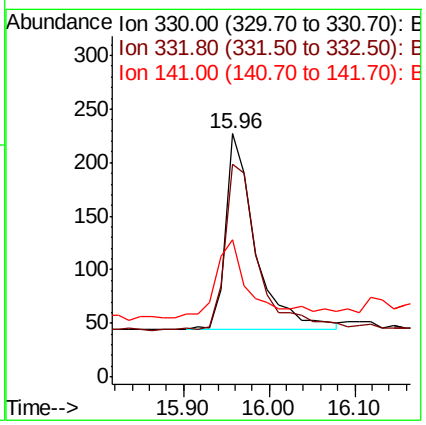


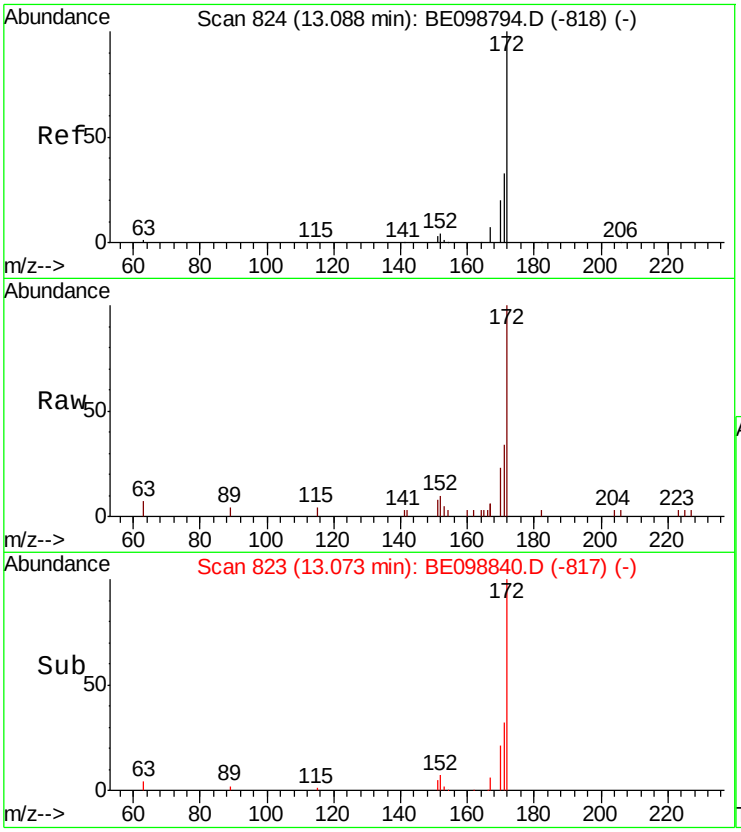


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:330 Resp: 444

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	37.4	31.0	46.4



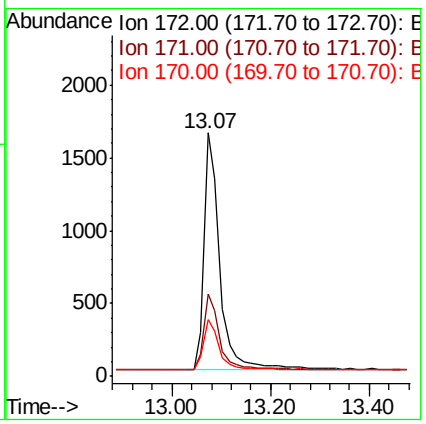


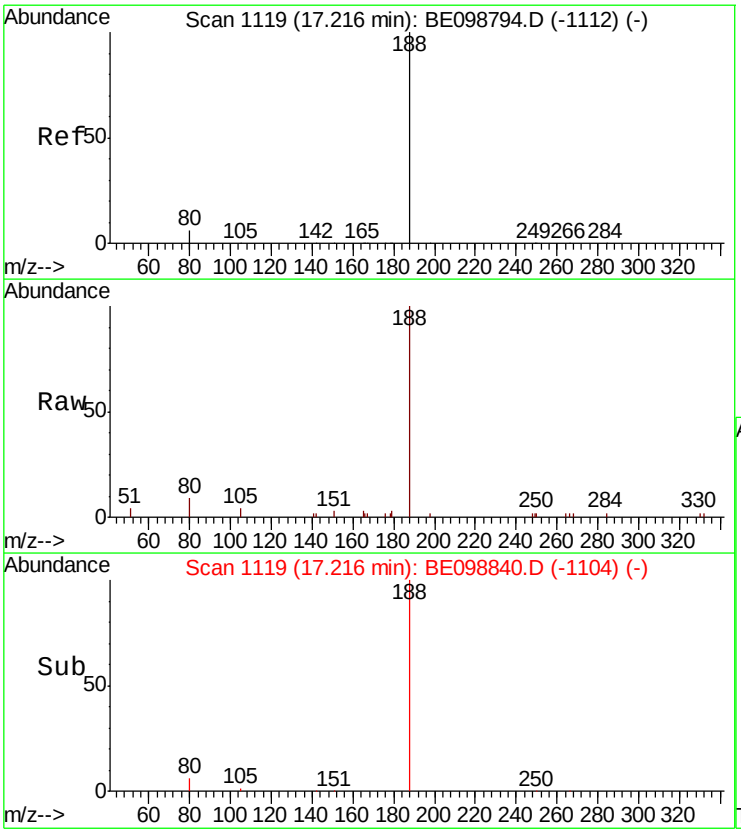
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:172 Resp: 3639

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.0	42.0
170	23.4	17.7	26.5

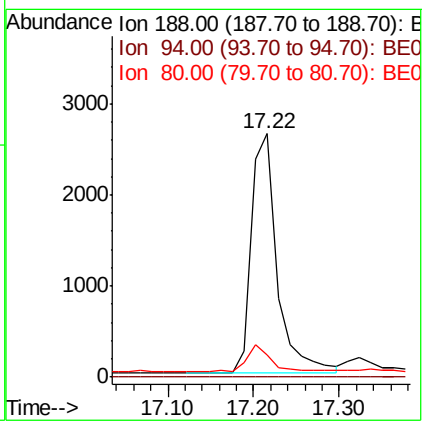


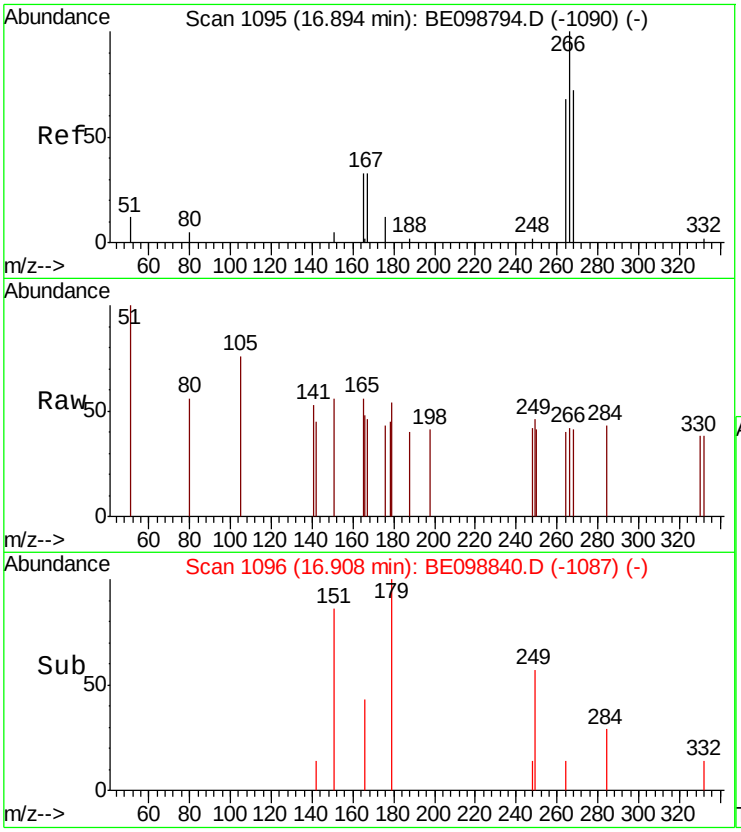


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:188 Resp: 5485

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.3	9.5



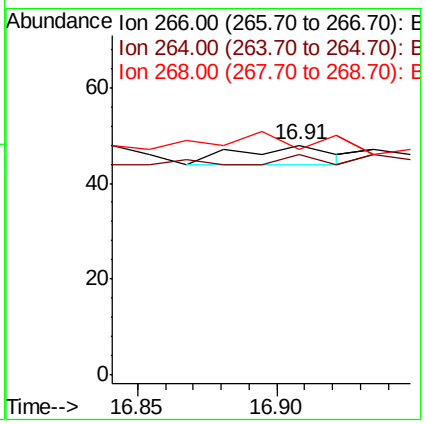


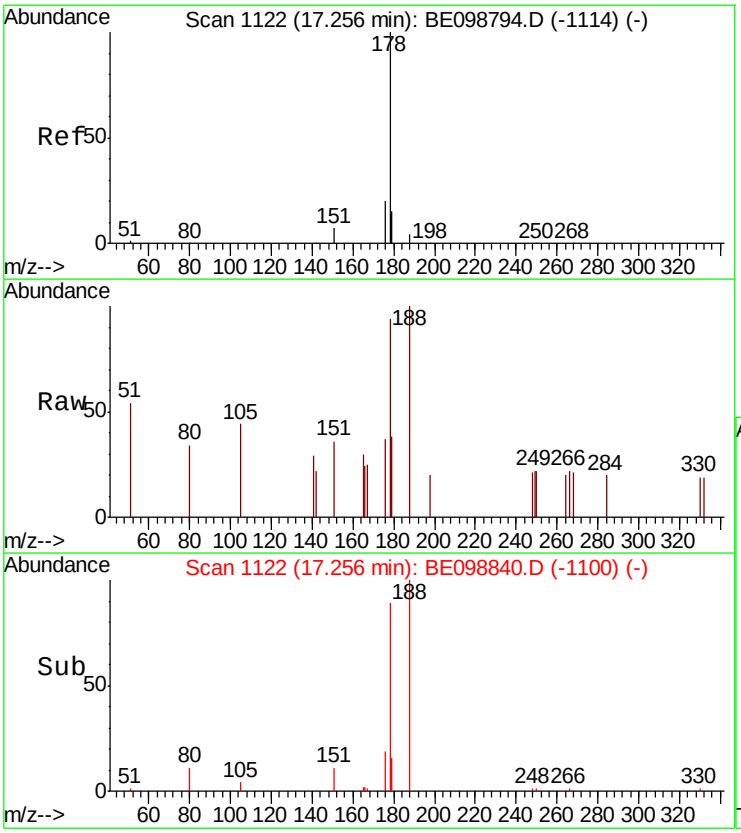
#22
Pentachlorophenol
Concen: 0.272 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	95.8	66.6	100.0
268	97.9	69.8	104.8

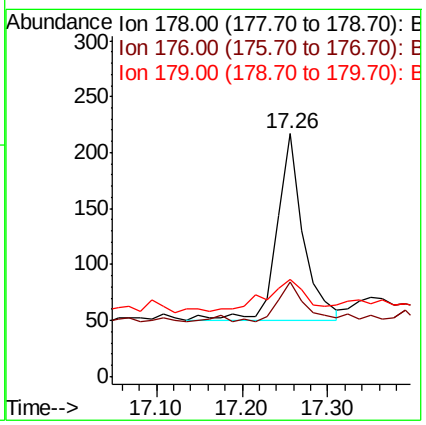


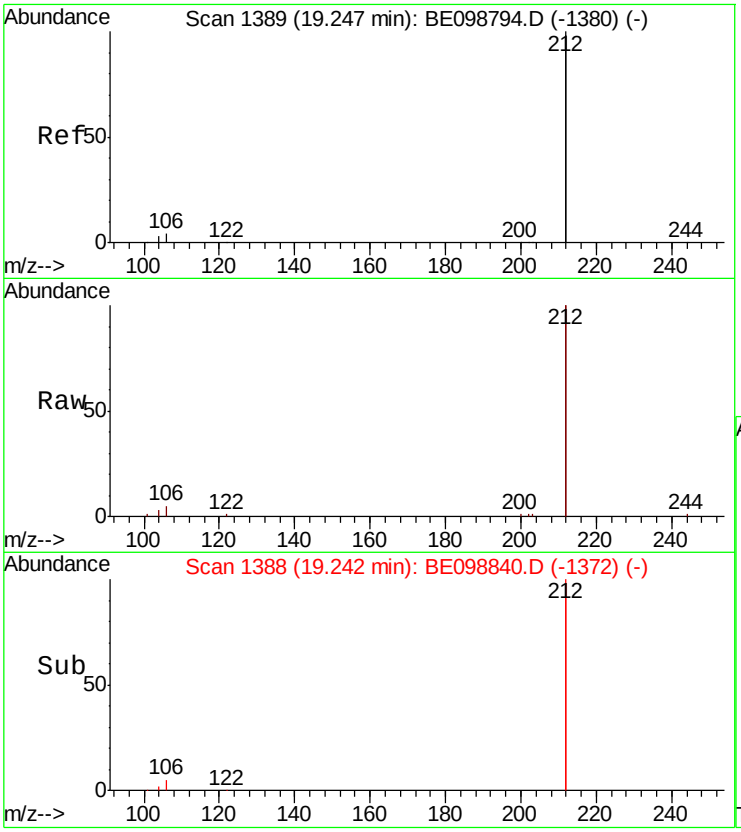


#23
Phenanthrene
Concen: 0.023 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:178 Resp: 357

Ion	Ratio	Lower	Upper
178	100		
176	26.9	16.0	24.0#
179	26.3	12.1	18.1#



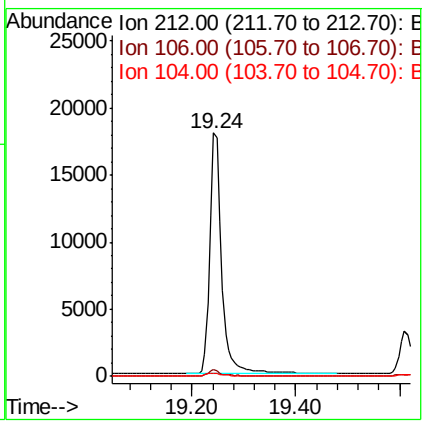


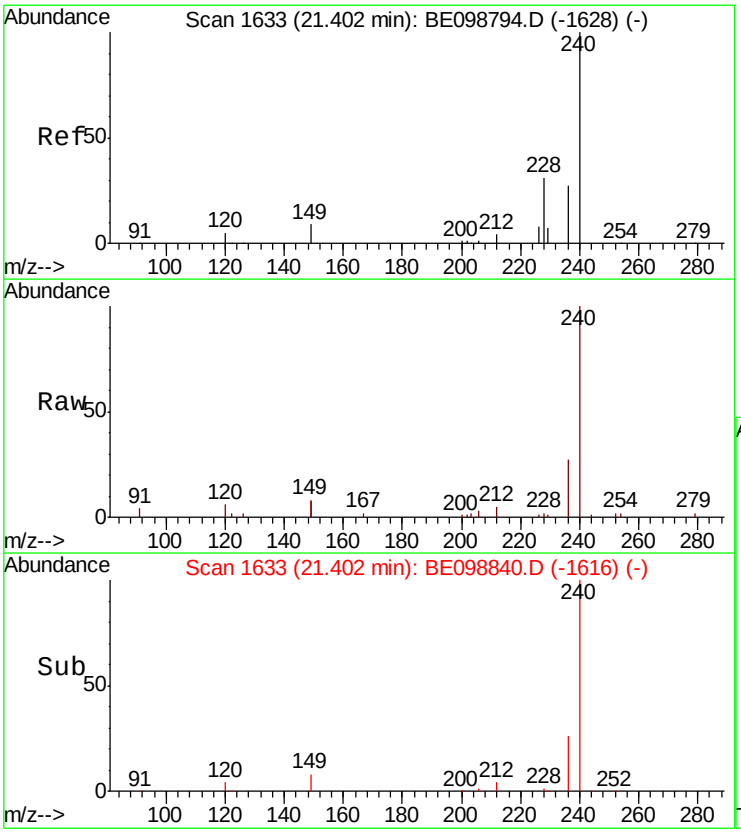
#25
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:212 Resp: 28919

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

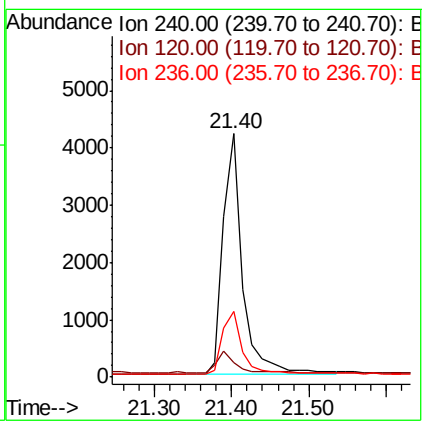


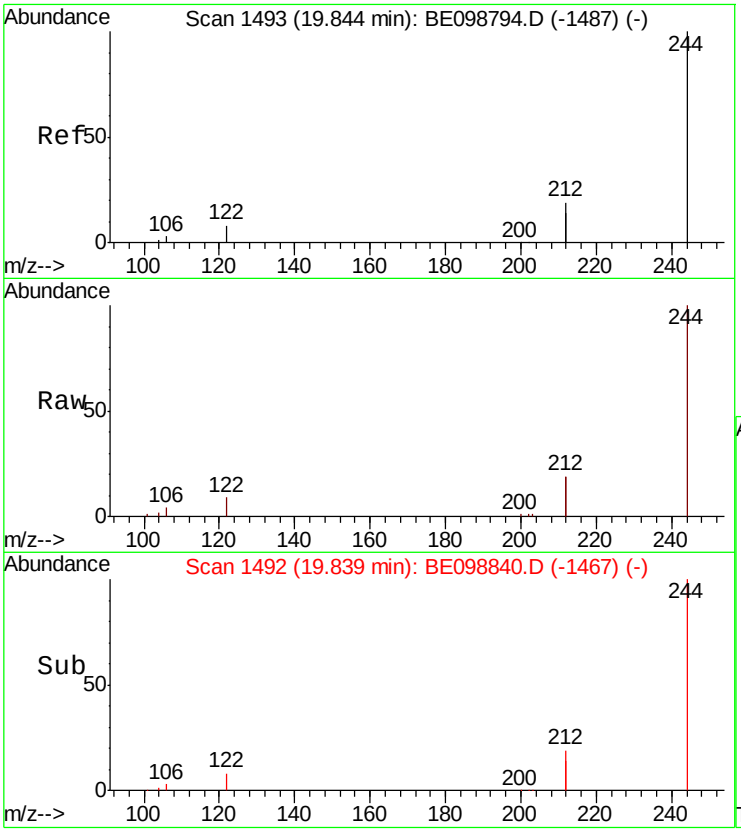


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:240 Resp: 7327

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.4
236	27.2	22.7	34.1



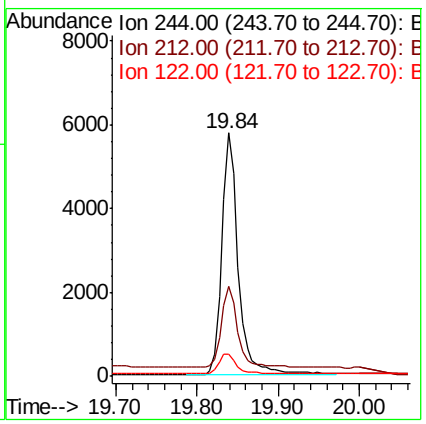


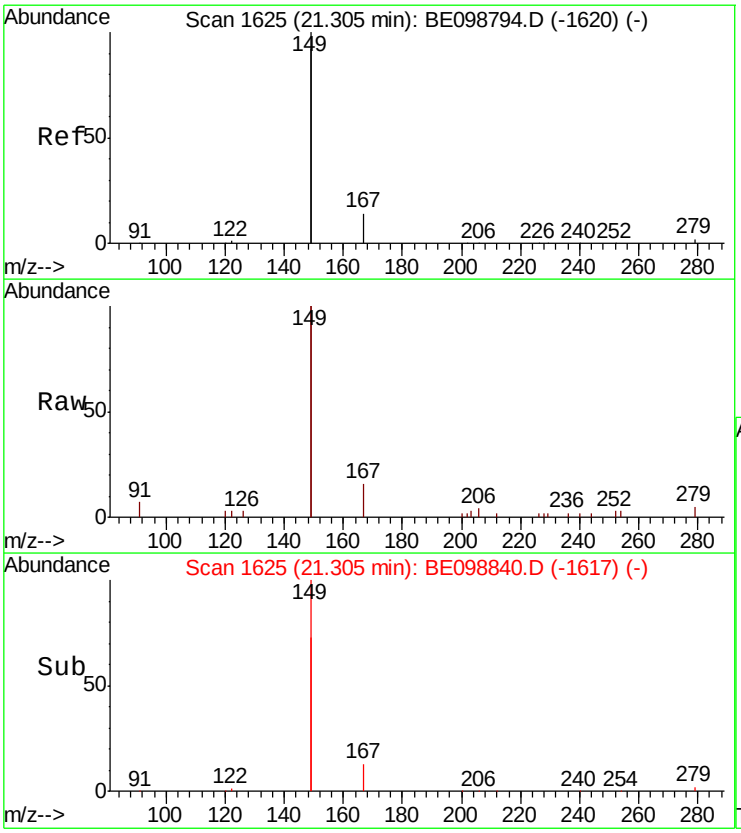
#29
Terphenyl-d14
Concen: 0.452 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:244 Resp: 8047

Ion	Ratio	Lower	Upper
244	100		
212	37.0	29.4	44.2
122	9.1	7.1	10.7

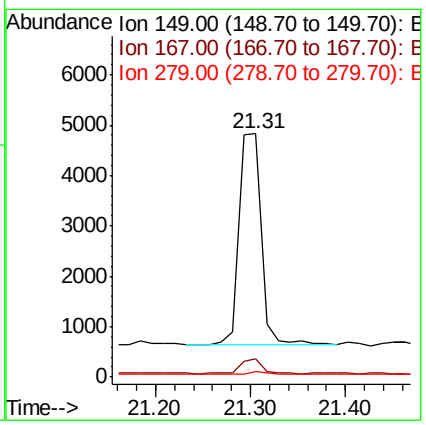


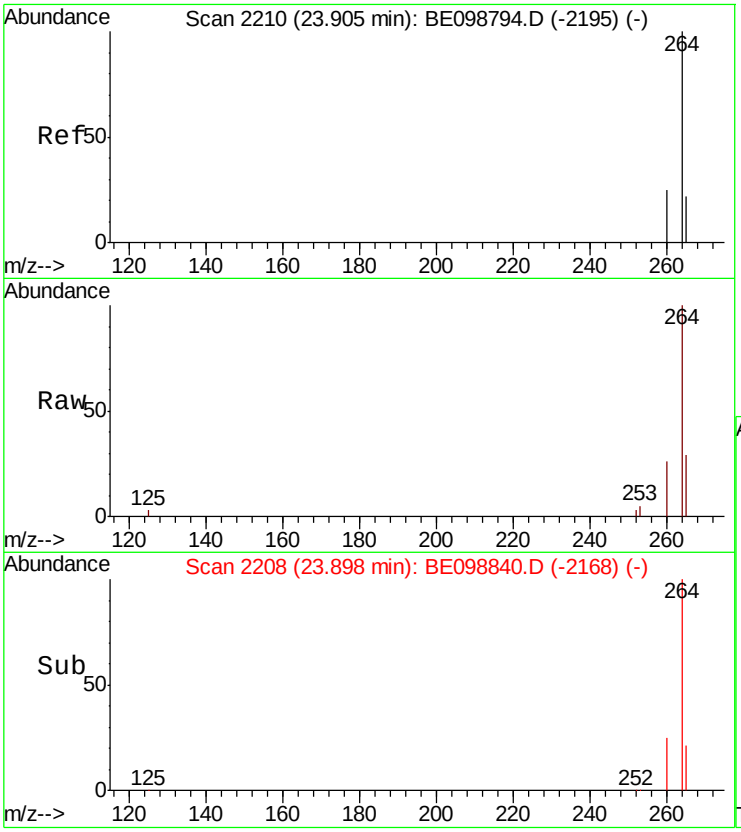


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:149 Resp: 6846

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.3	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tgt Ion:264 Resp: 7026

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.2	31.8
265	28.8	24.6	36.8