Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098357.D
Acq On : 12 Dec 2018 6:38
Operator : SJ/JU
Sample : J6314-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 12 17:27:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1073	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4836	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3184	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	8319	0.40	ng		0.00
27) Chrysene-d12	21.46	240	9633	0.40	ng		0.00
34) Perylene-d12	24.01	264	9360	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	467	0.19	ng		0.00
5) Phenol-d6	7.06	99	325	0.09	ng		0.00
8) Nitrobenzene-d5	9.03	82	1702	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	3230	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	186	0.16	ng		0.01
15) 2-Fluorobiphenyl	13.15	172	6301	0.47	ng		0.00
25) Fluoranthene-d10	19.31	212	47439	0.44	ng		0.00
29) Terphenyl-d14	19.90	244	14222	0.61	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	45	0.027	ng	#	100
21) Hexachlorobenzene	16.58	284	104	0.022	ng	#	64
22) Pentachlorophenol	16.95	266	7	0.025	ng	#	74
23) Phenanthrene	17.42	178	414	0.020	ng		96
24) Anthracene	17.42	178	368	0.020	ng	#	93
26) Fluoranthene	19.34	202	805	0.030	ng	#	95
28) Pyrene	19.71	202	746	0.025	ng		97
30) Benzo(a)anthracene	21.45	228	833	0.030	ng	#	80
31) Chrysene	21.50	228	933	0.032	ng	#	82
32) Bis(2-ethylhexyl)phthalate	21.37	149	5009	0.090	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	1098	0.038	ng	#	75
35) Benzo(b)fluoranthene	23.23	252	873	0.034	ng	#	46
36) Benzo(k)fluoranthene	23.29	252	888	0.030	ng	#	56
37) Benzo(a)pyrene	23.89	252	887	0.034	ng	#	44
38) Dibenzo(a,h)anthracene	26.73	278	784	0.032	ng	#	50
39) Benzo(g,h,i)perylene	27.52	276	507	0.020	ng	#	70

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098357.D
Acq On : 12 Dec 2018 6:38
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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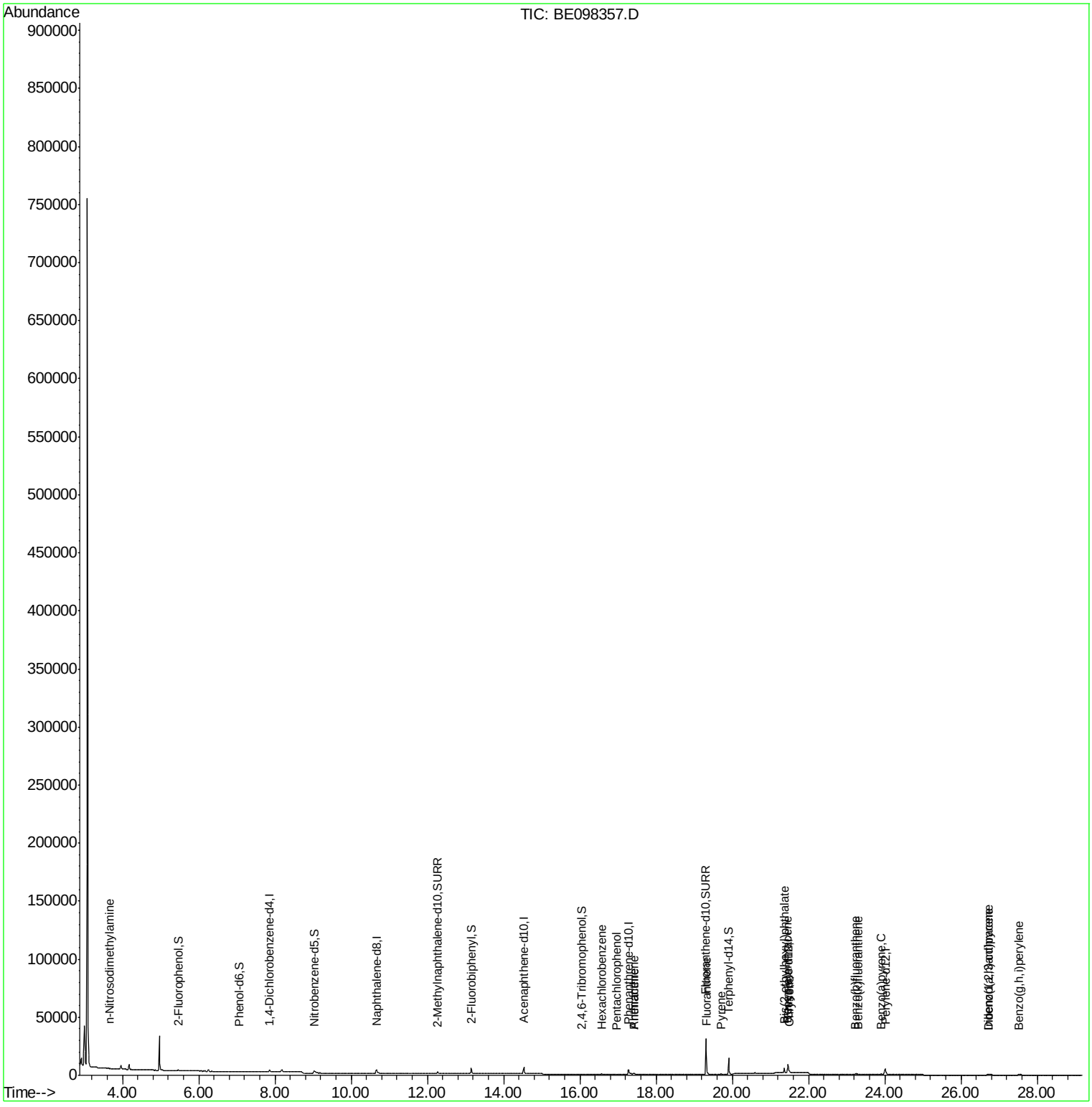
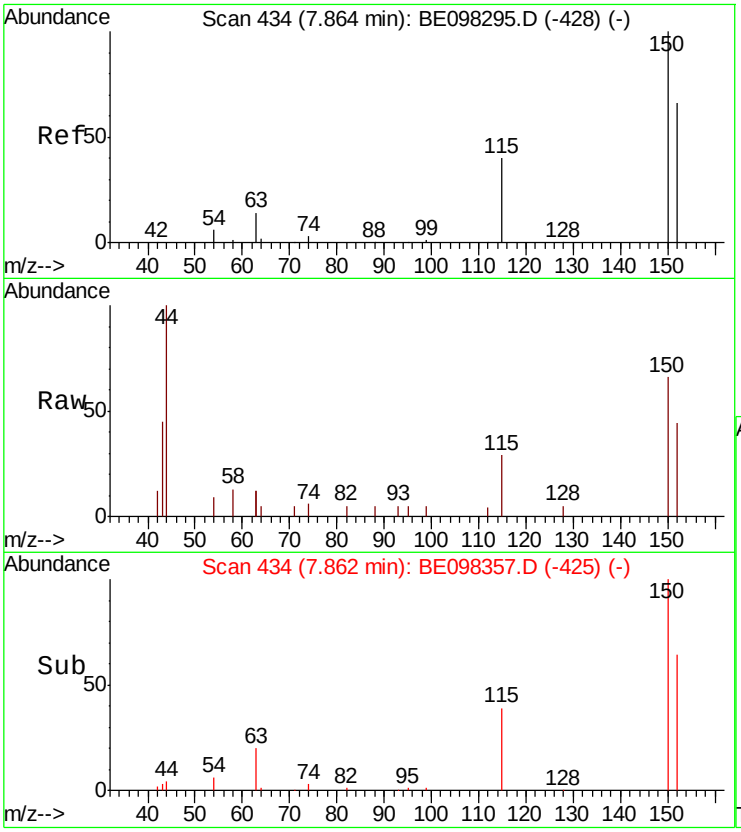
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



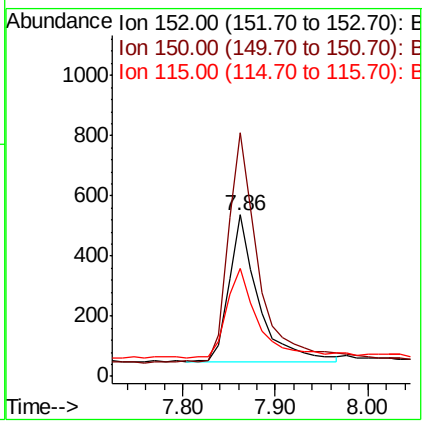


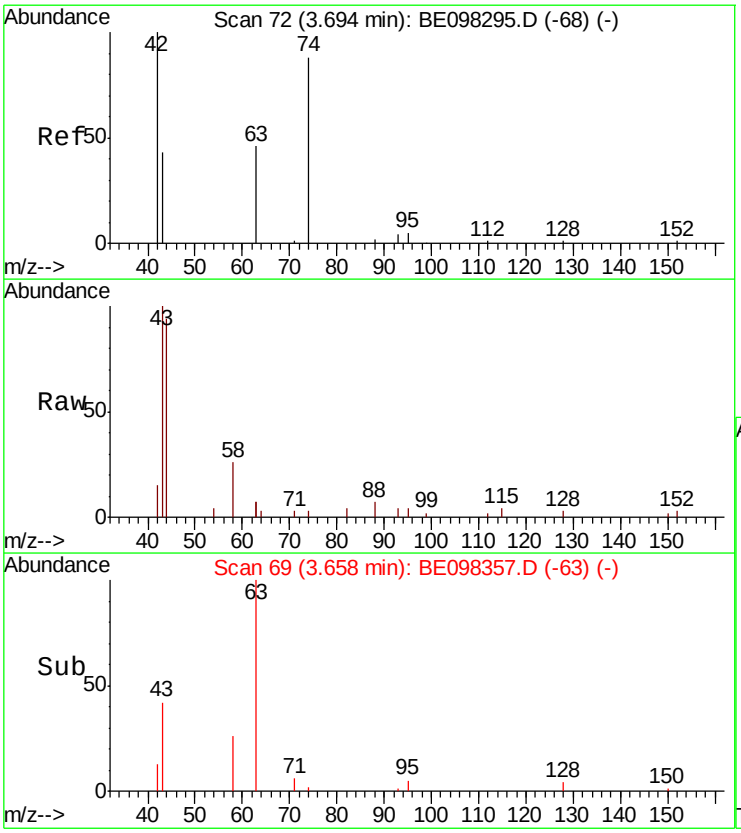
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1073

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.2	186.4
115	67.4	53.9	80.9

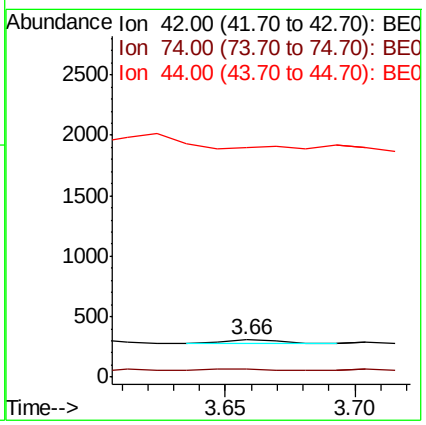


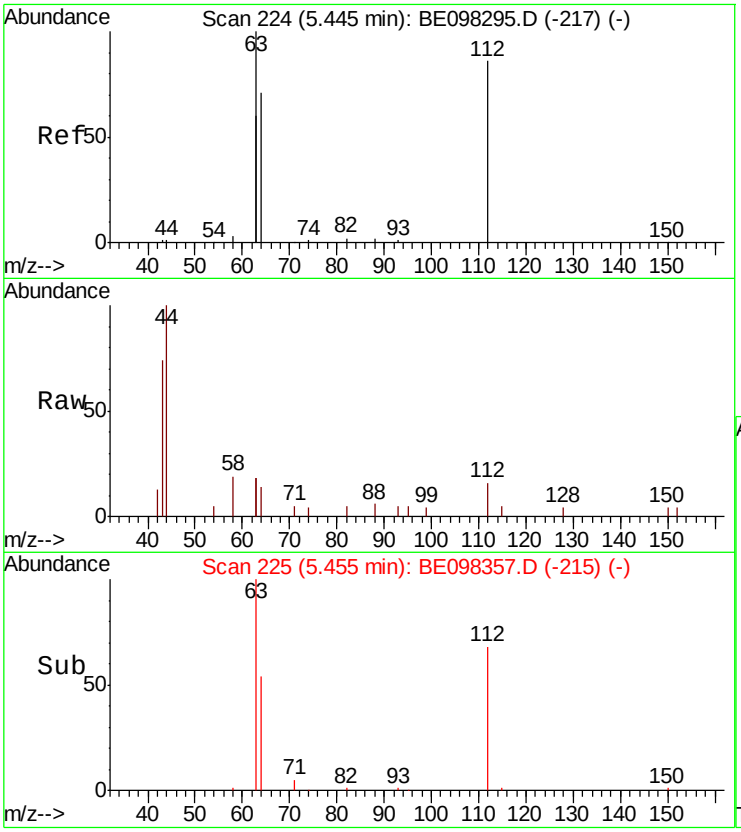


#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.04 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion: 42 Resp: 45

Ion	Ratio	Lower	Upper
42	100		
74	46.7	0.0	0.0#
44	0.0	0.0	0.0



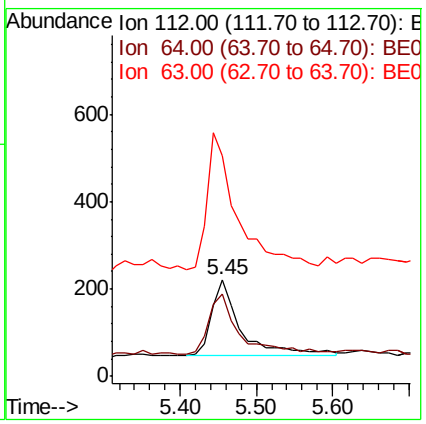


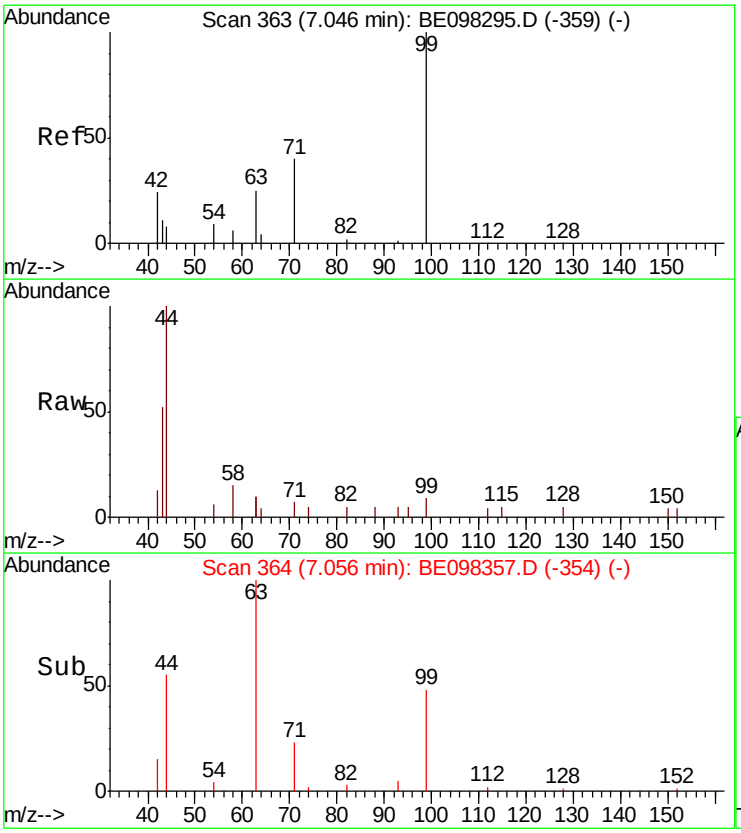
#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 467

Ion	Ratio	Lower	Upper
112	100		
64	82.0	59.8	89.8
63	187.4	133.7	200.5

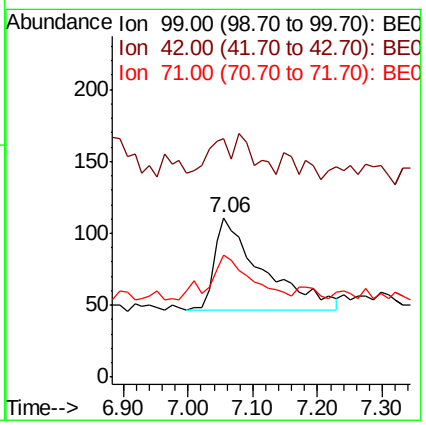


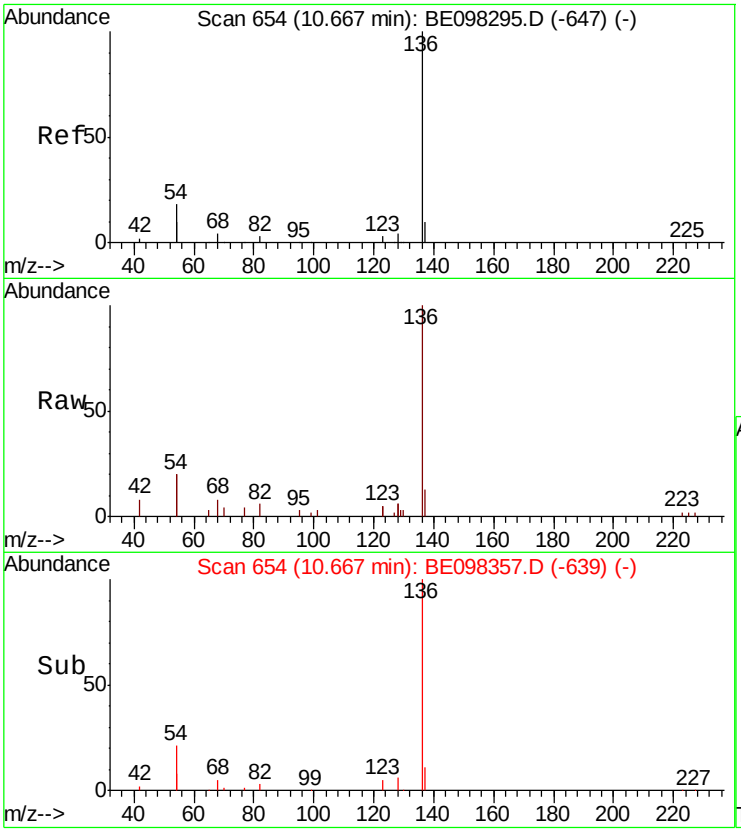


#5
Phenol-d6
Concen: 0.091 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion: 99 Resp: 325

Ion	Ratio	Lower	Upper
99	100		
42	16.9	26.3	39.5#
71	34.8	33.6	50.4



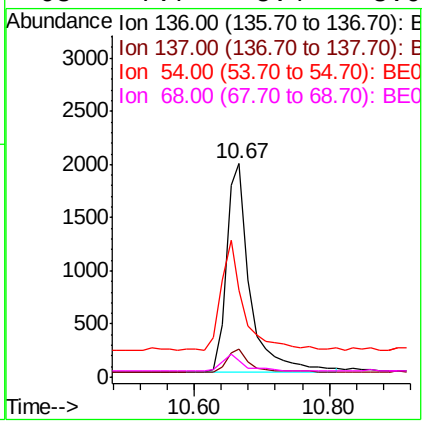


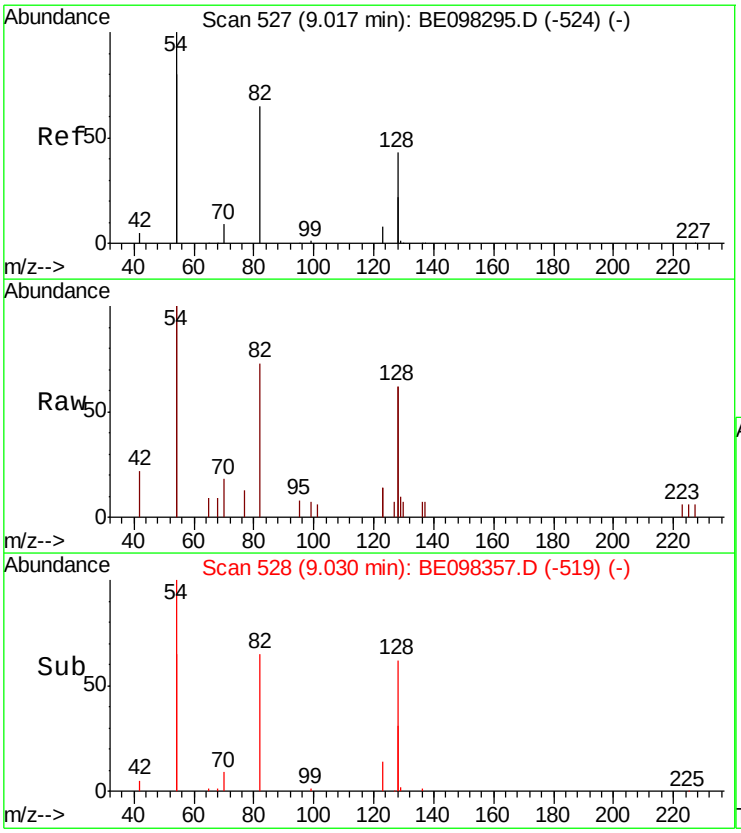
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4836

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.2	13.8
54	40.6	28.4	42.6
68	7.7	5.4	8.0

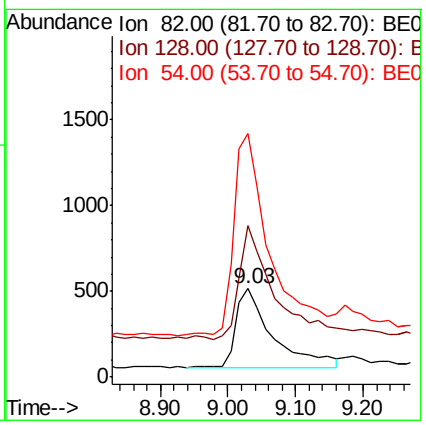


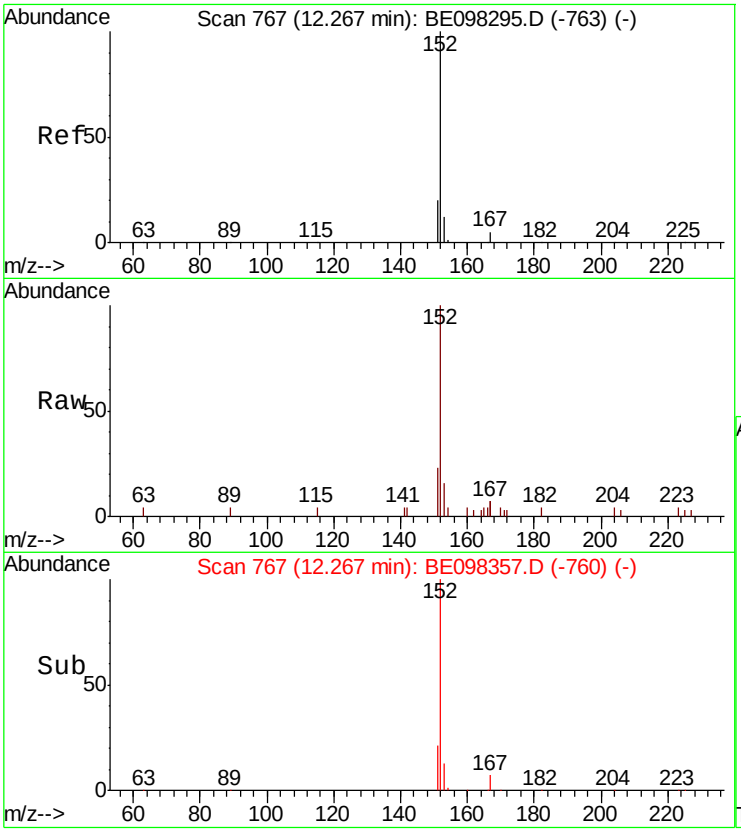


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion: 82 Resp: 1702

Ion	Ratio	Lower	Upper
82	100		
128	171.3	102.4	153.6#
54	275.7	221.8	332.8



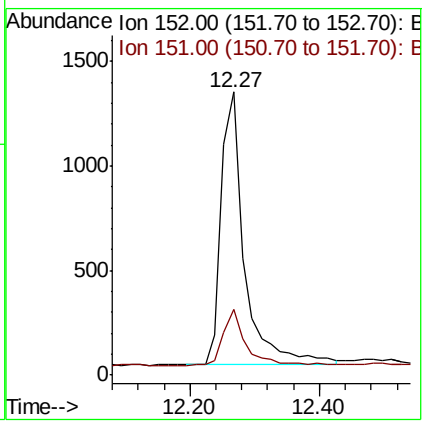


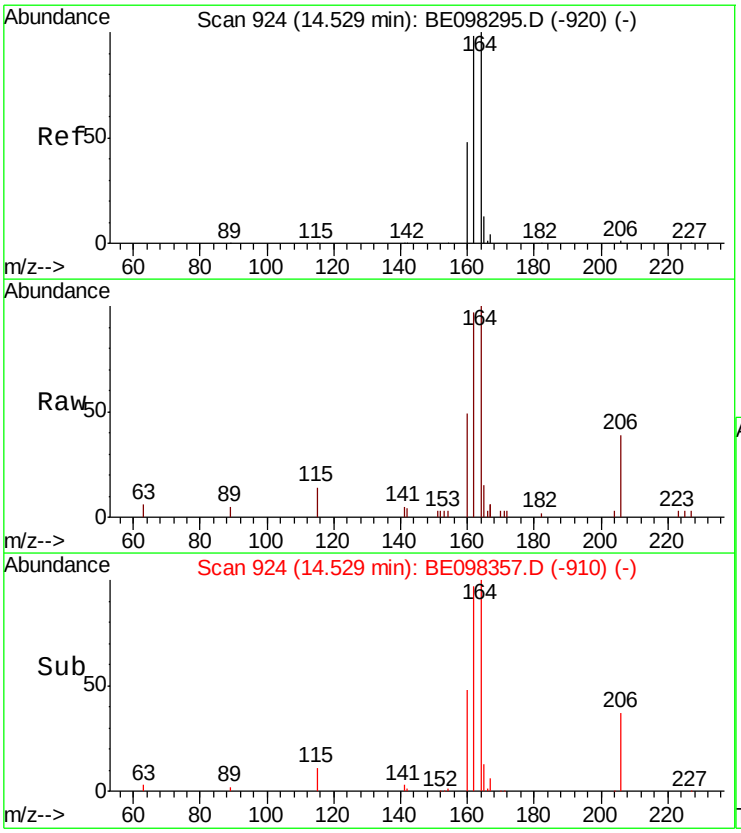
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3230

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

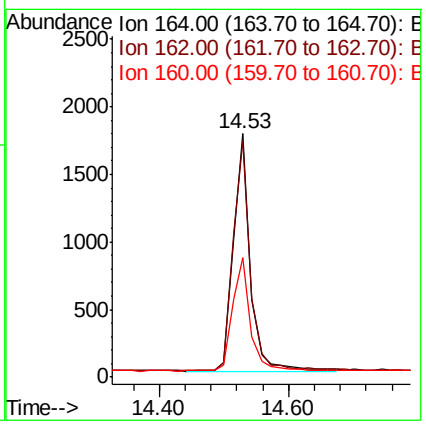


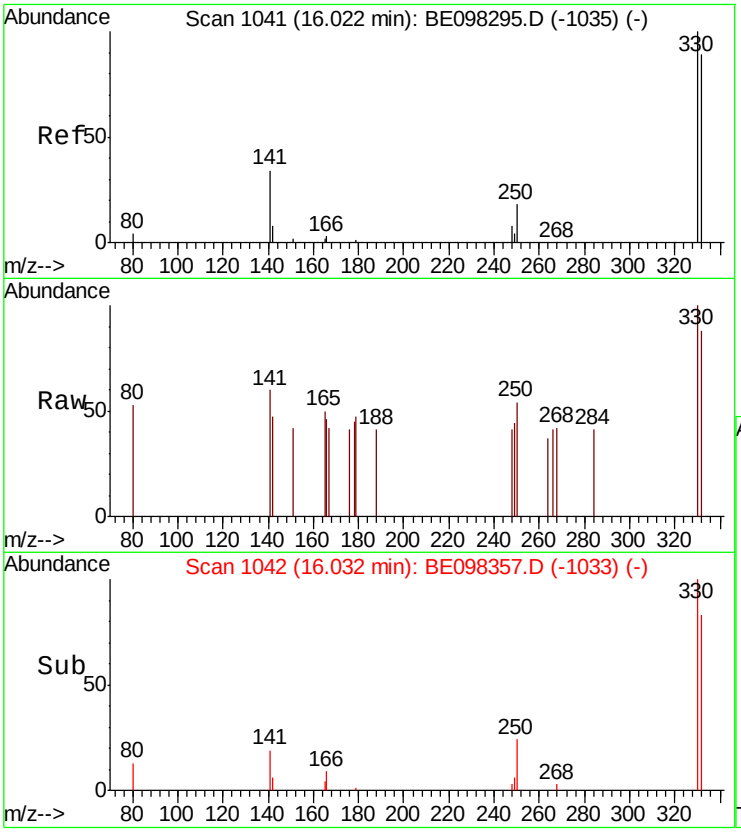


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:164 Resp: 3184

Ion	Ratio	Lower	Upper
164	100		
162	97.1	77.6	116.4
160	49.2	36.0	54.0



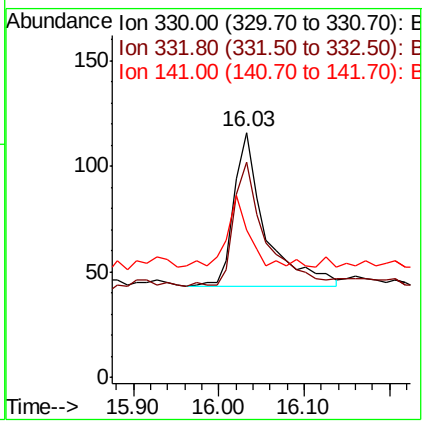


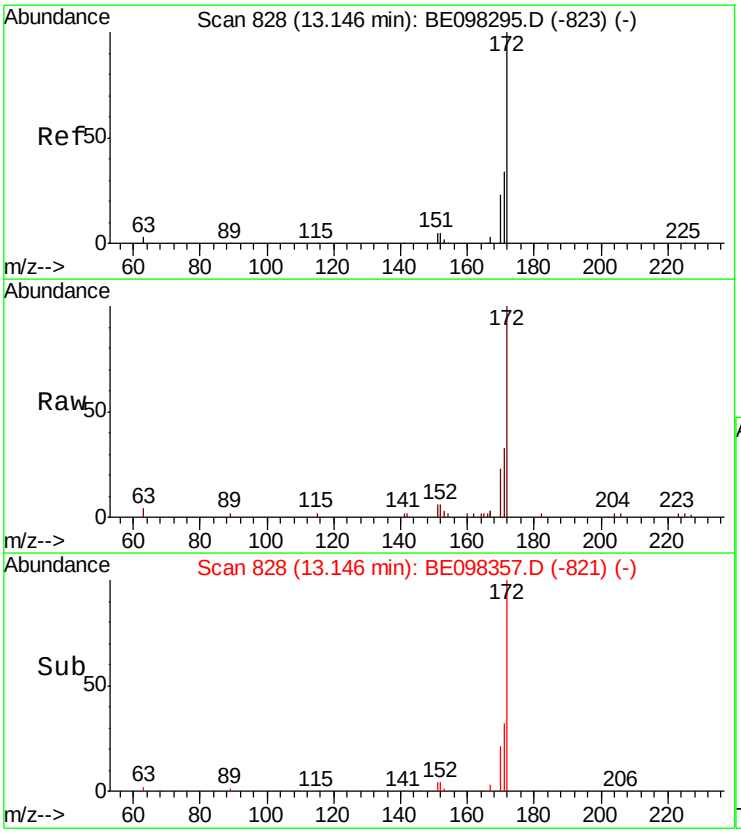
#14
2,4,6-Tribromophenol
Concen: 0.159 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 186

Ion	Ratio	Lower	Upper
330	100		
332	82.3	76.2	114.4
141	29.6	39.0	58.4#

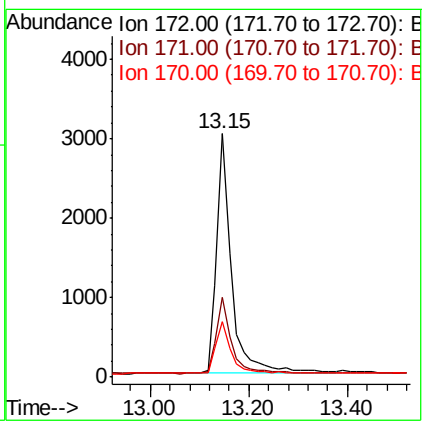


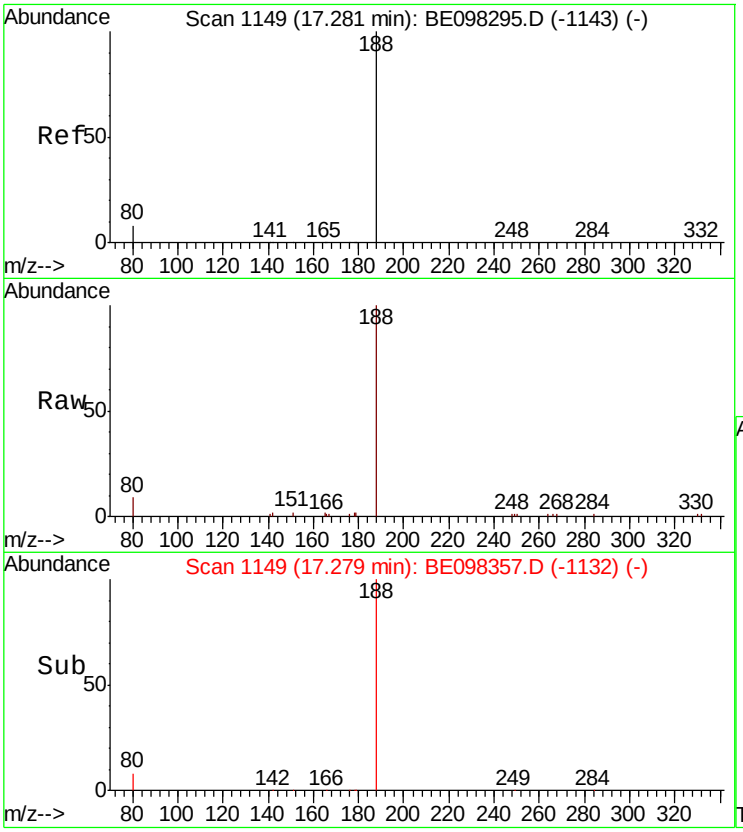


#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:172 Resp: 6301

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.5	41.3
170	22.6	19.6	29.4



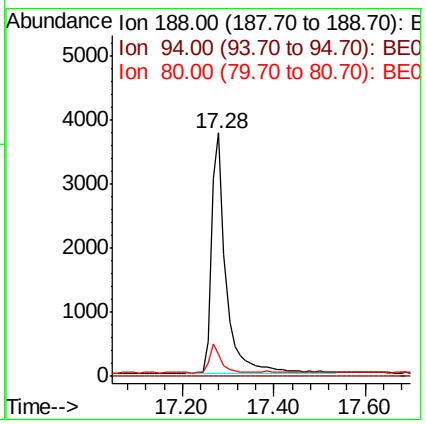


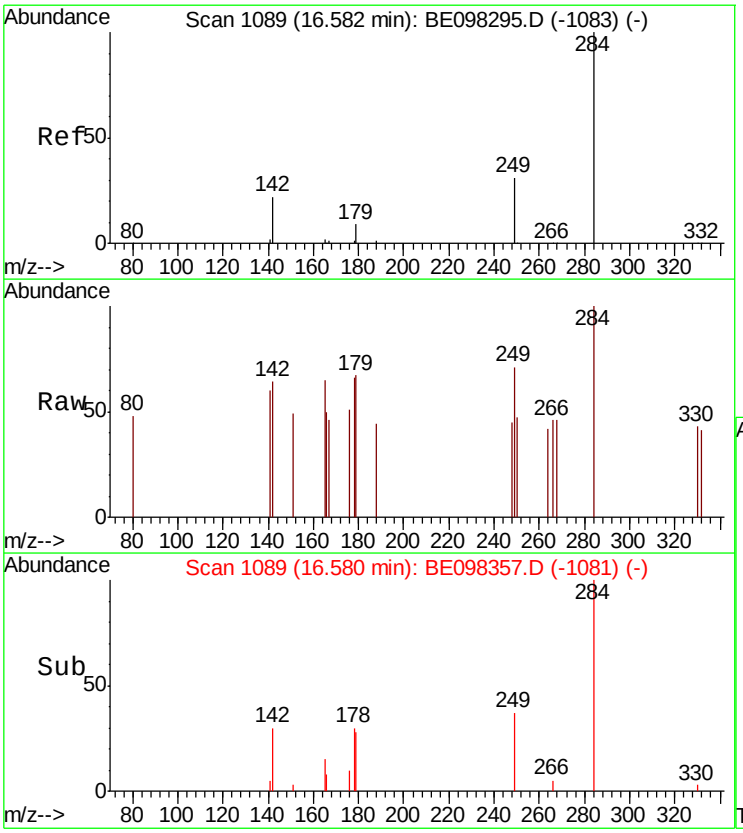
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8319

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.2	10.8

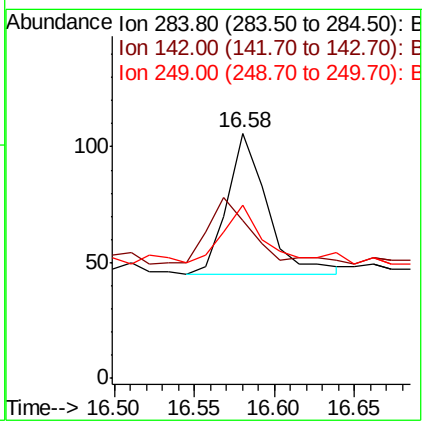


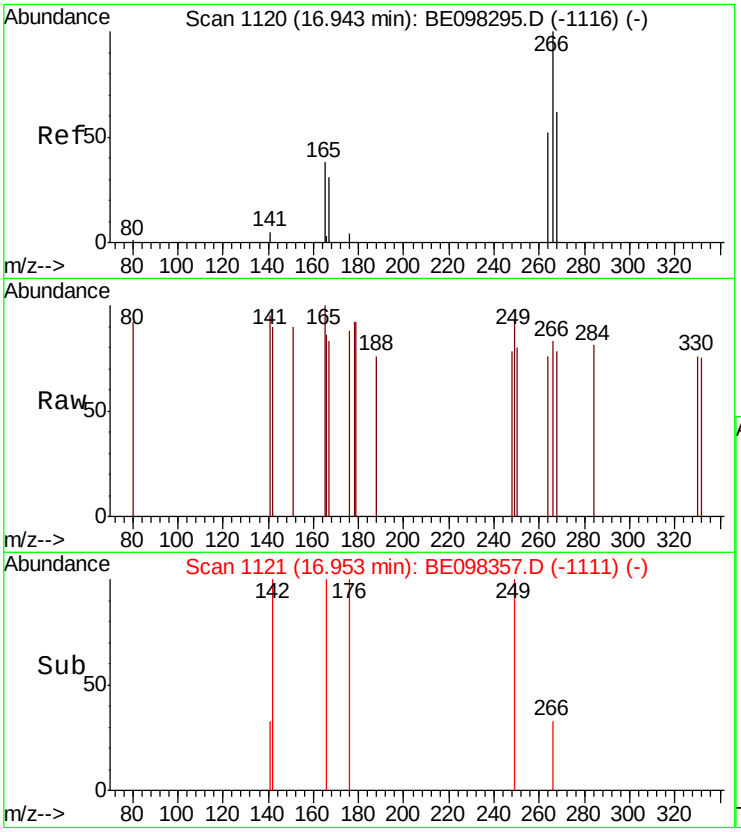


#21
Hexachlorobenzene
Concen: 0.022 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:284 Resp: 104

Ion	Ratio	Lower	Upper
284	100		
142	55.8	26.3	39.5#
249	50.0	26.0	39.0#



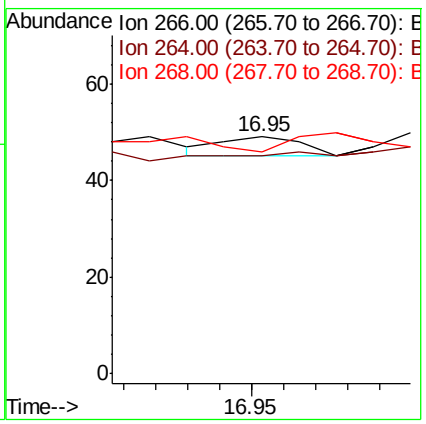


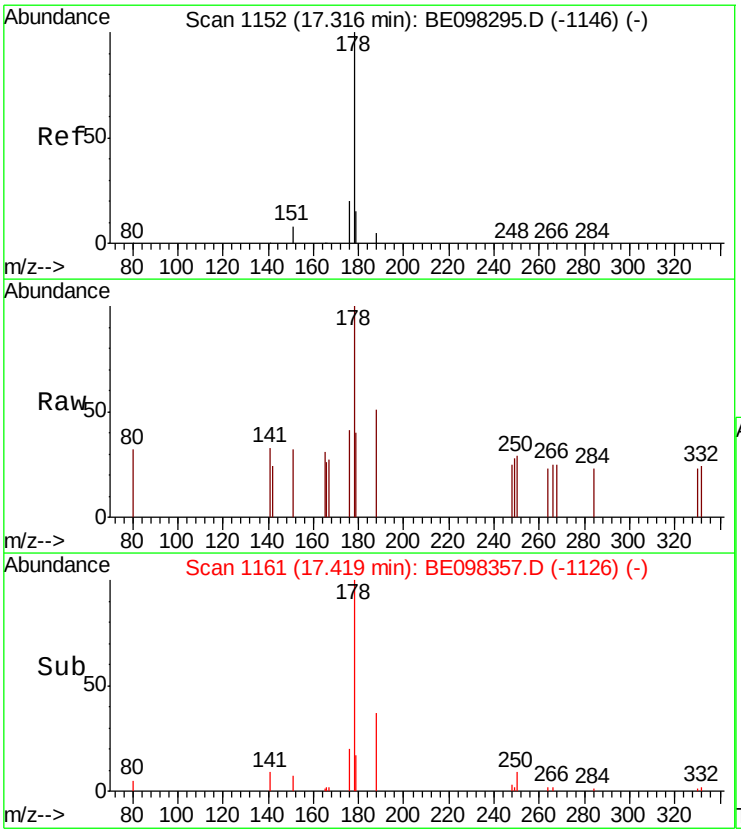
#22
Pentachlorophenol
Concen: 0.025 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	91.8	59.0	88.4#
268	93.9	55.1	82.7#

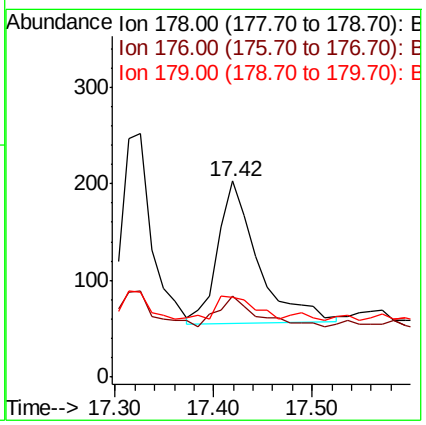


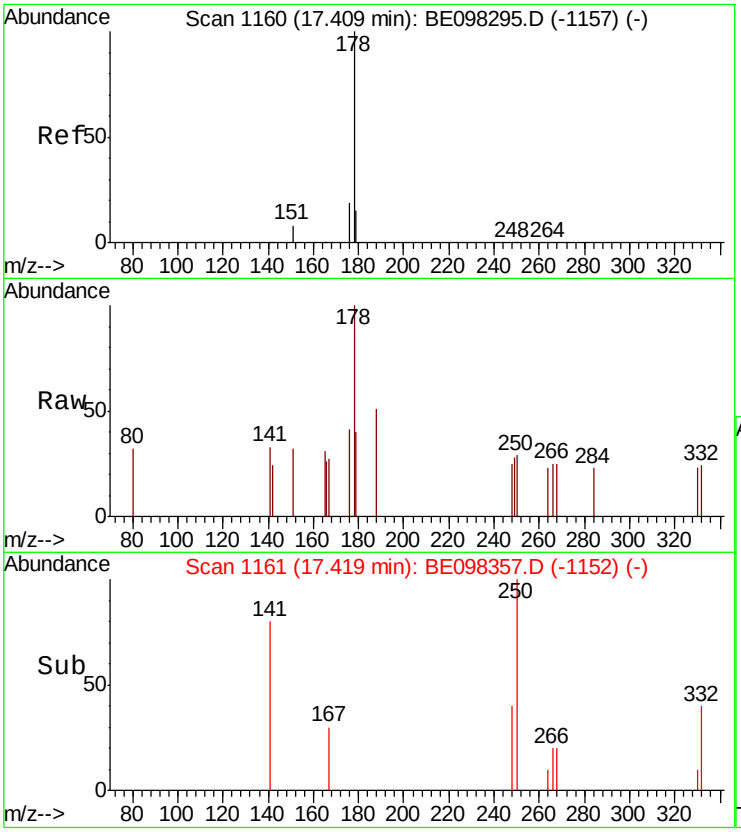


#23
Phenanthrene
Concen: 0.020 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.10 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:178 Resp: 414

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	18.4	12.3	18.5



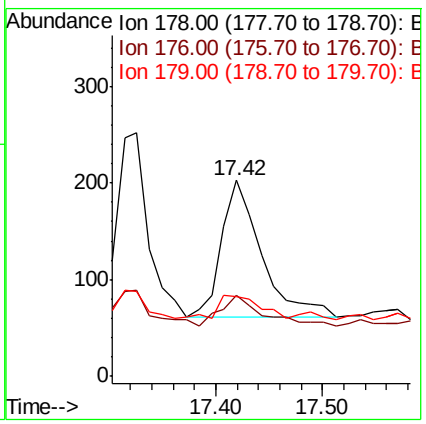


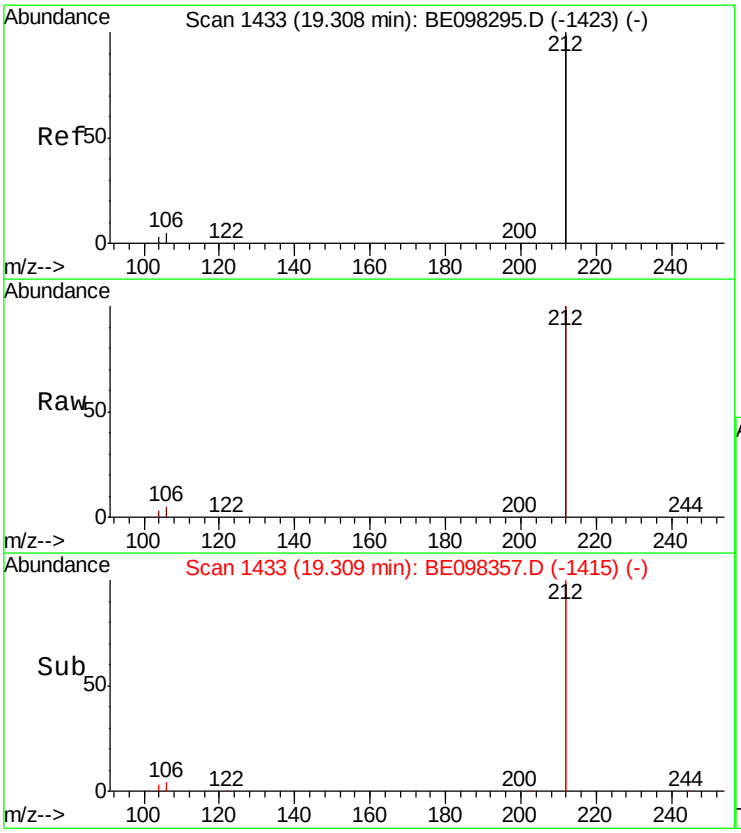
#24
Anthracene
Concen: 0.020 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 368

Ion	Ratio	Lower	Upper
178	100		
176	23.1	15.0	22.4#
179	16.8	12.3	18.5

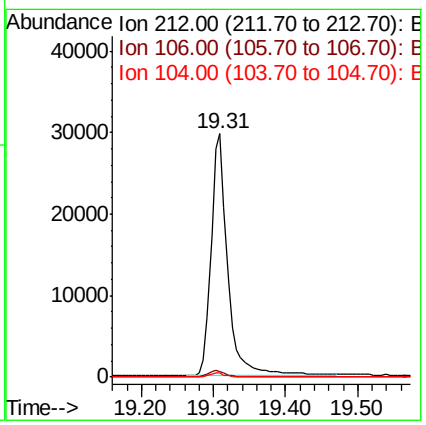


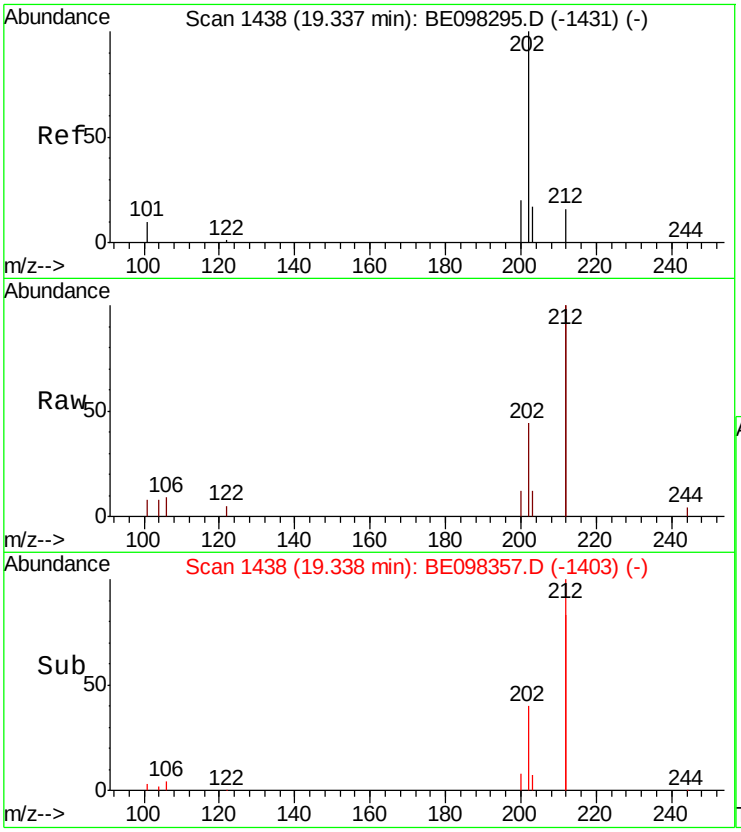


#25
Fluoranthene-d10
Concen: 0.445 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:212 Resp: 47439

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9



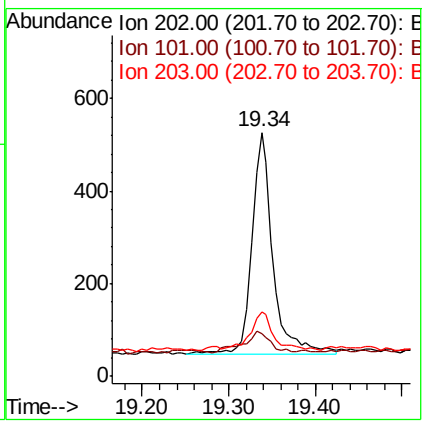


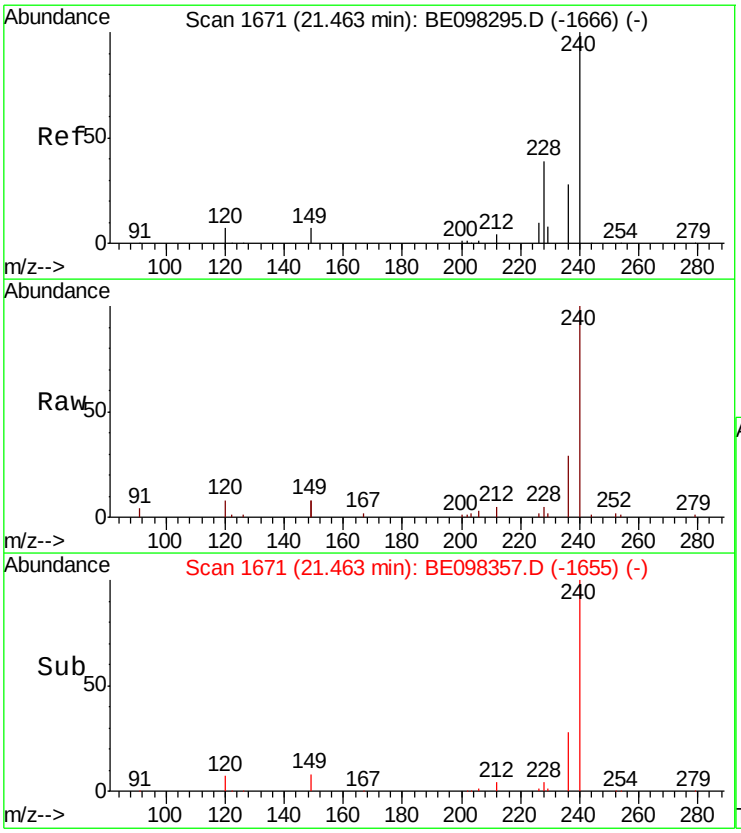
#26
Fluoranthene
Concen: 0.030 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 805

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.0	12.0#
203	18.6	13.8	20.6

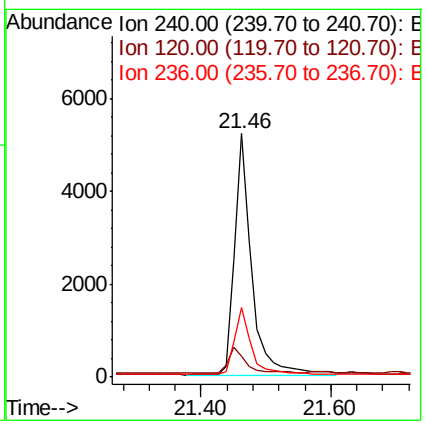


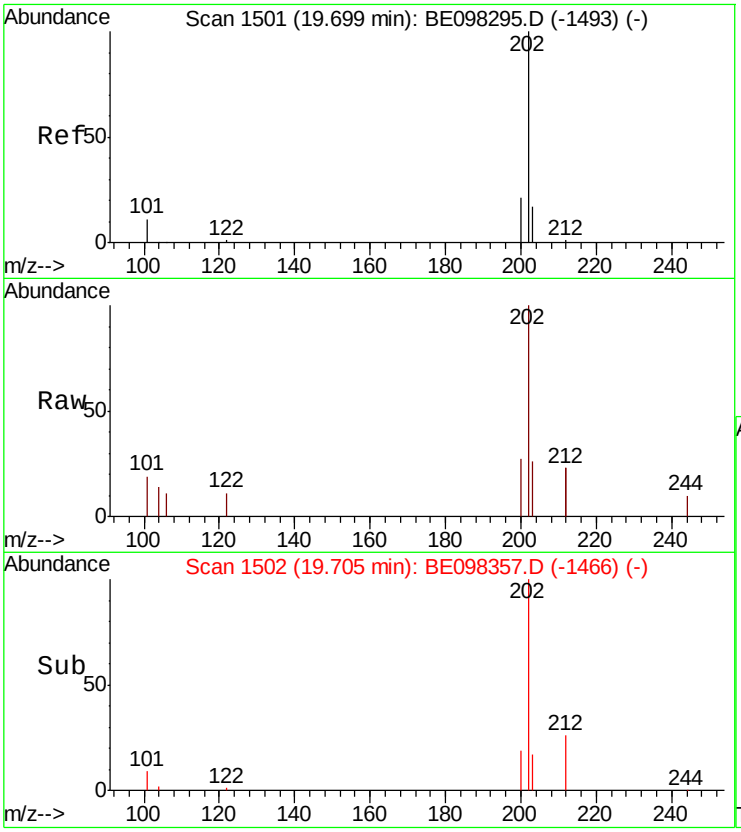


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:240 Resp: 9633

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	28.7	22.7	34.1



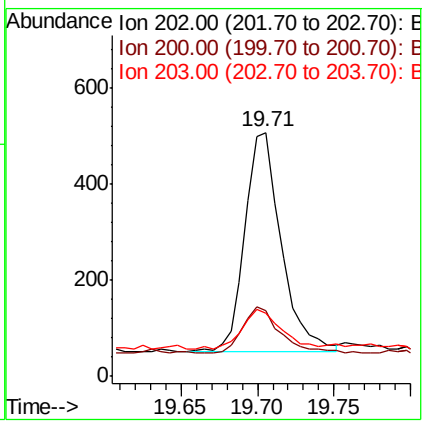


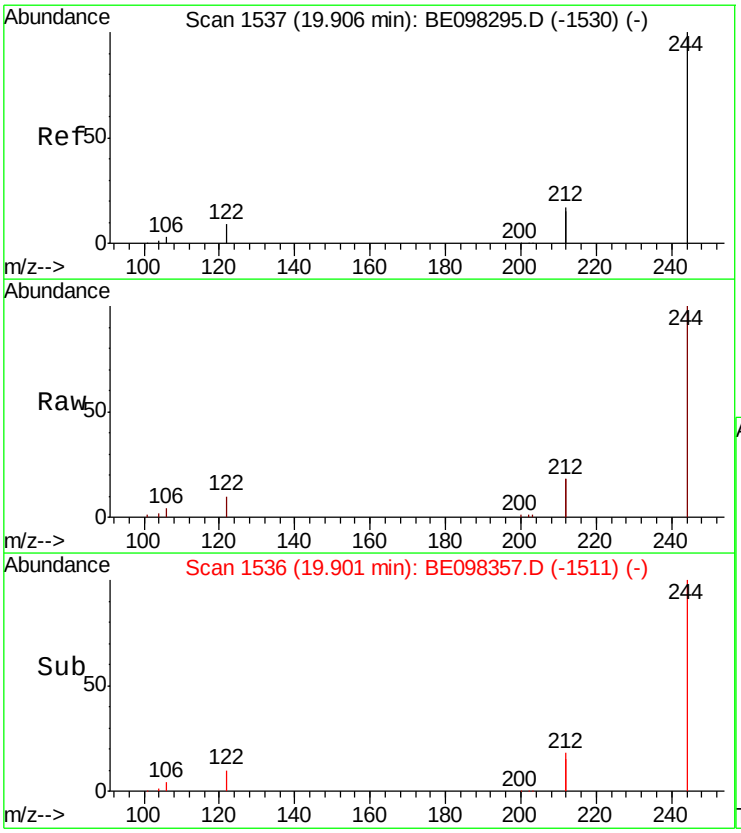
#28
Pyrene
Concen: 0.025 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 746

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.7	25.1
203	18.6	14.1	21.1

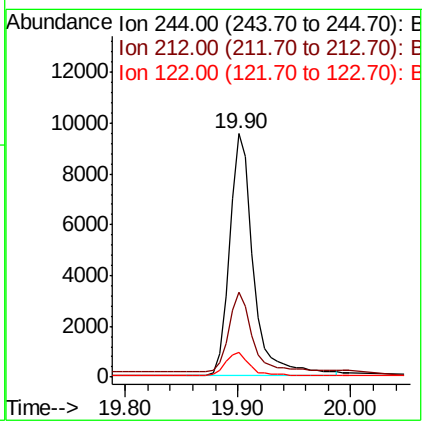


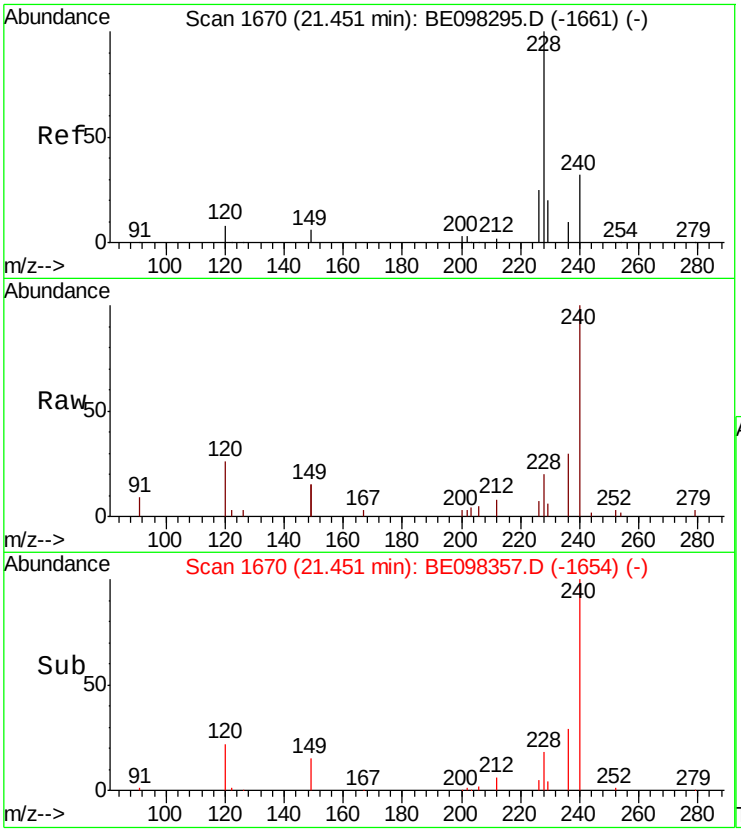


#29
Terphenyl-d14
Concen: 0.608 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:244 Resp: 14222

Ion	Ratio	Lower	Upper
244	100		
212	35.1	27.4	41.0
122	10.4	8.3	12.5



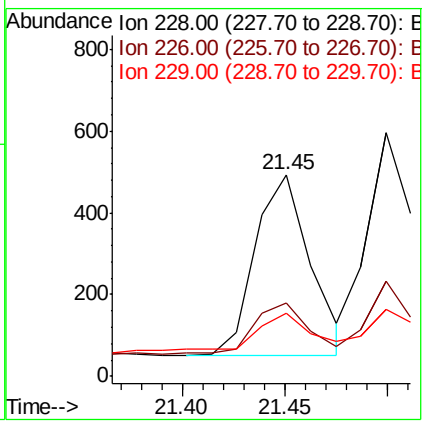


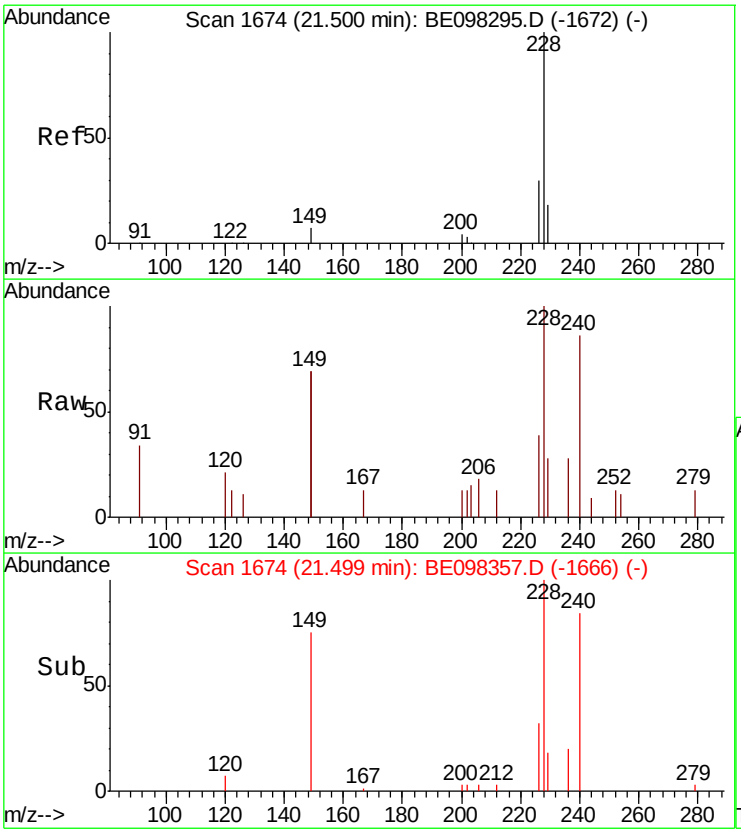
#30
Benzo(a)anthracene
Concen: 0.030 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 833

Ion	Ratio	Lower	Upper
228	100		
226	36.3	21.8	32.8#
229	31.4	16.3	24.5#

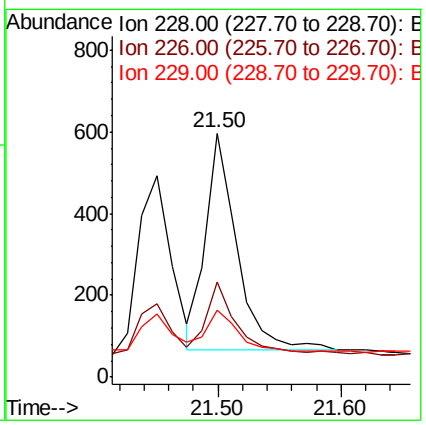


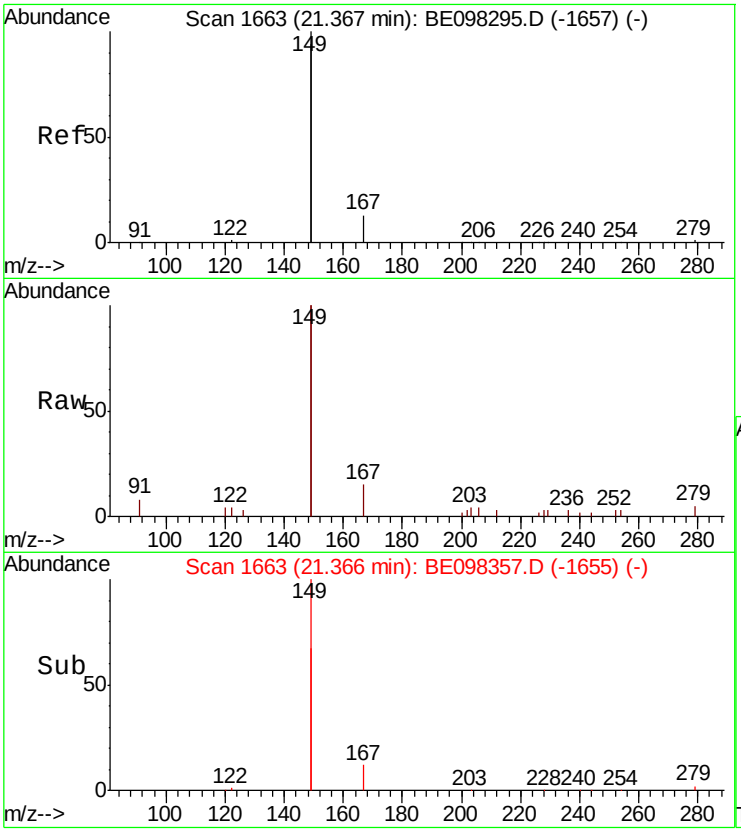


#31
Chrysene
Concen: 0.032 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:228 Resp: 933

Ion	Ratio	Lower	Upper
228	100		
226	39.3	23.4	35.0#
229	27.7	16.2	24.4#



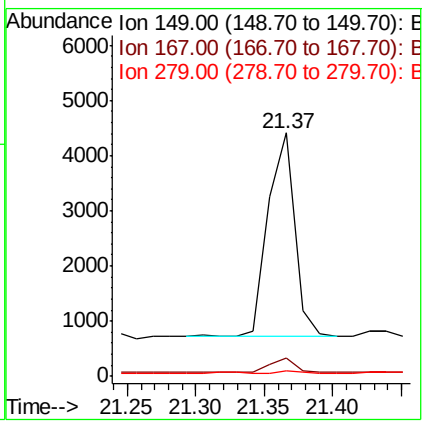


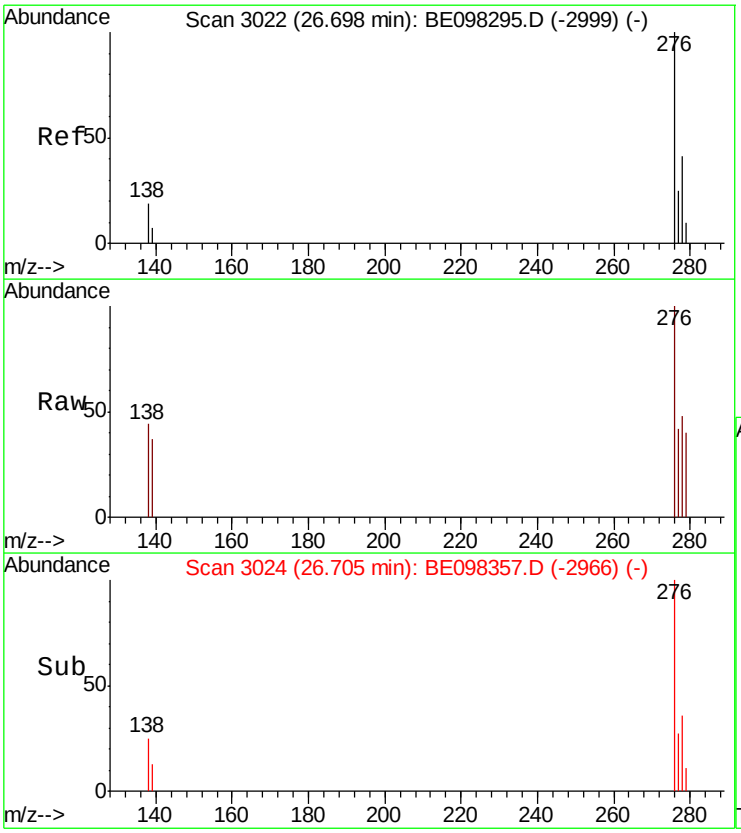
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.090 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 5009

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.5	1.0	1.4#

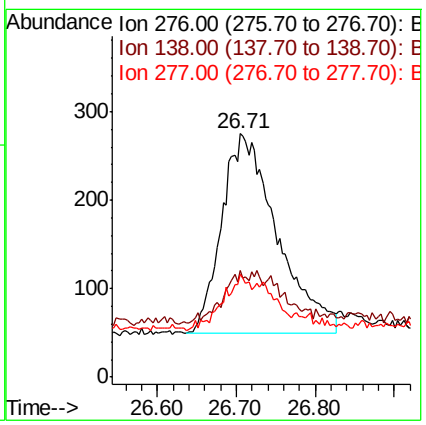


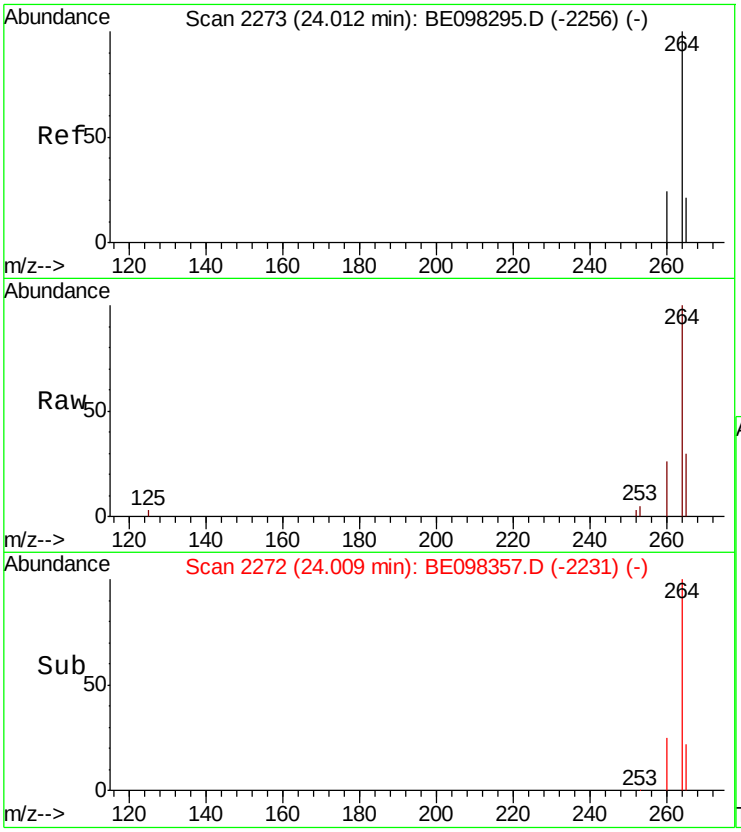


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 26.71 min Scan# 3024
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:276 Resp: 1098

Ion	Ratio	Lower	Upper
276	100		
138	9.8	16.3	24.5#
277	12.2	20.2	30.4#



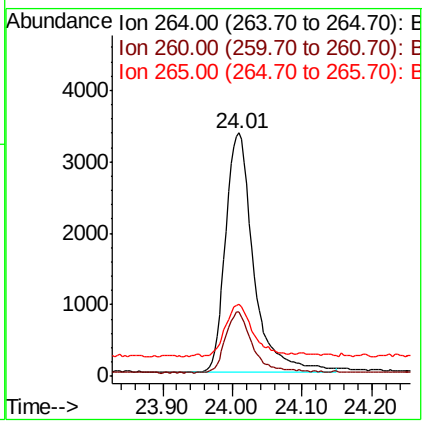


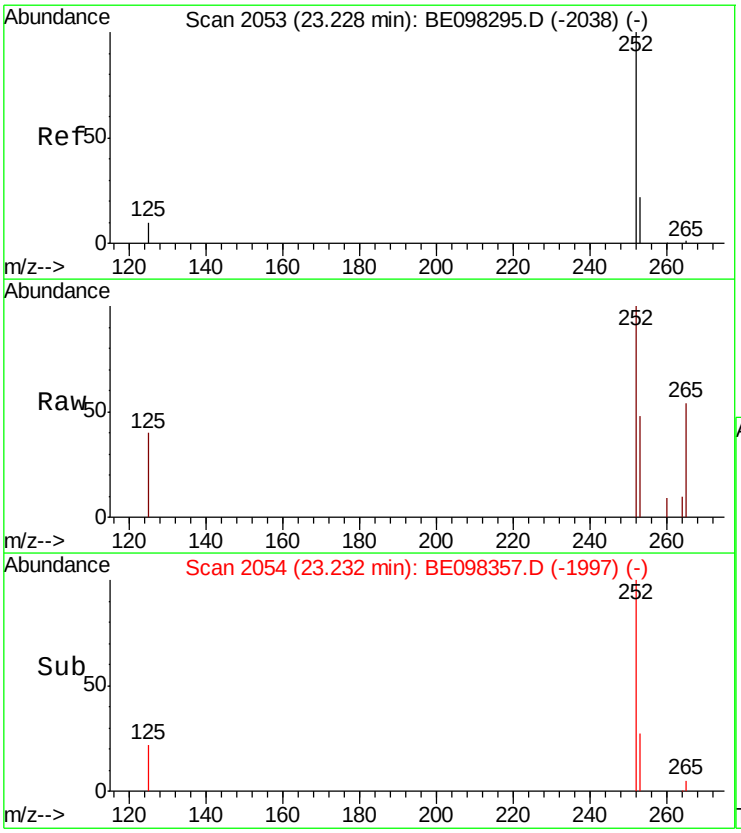
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 9360

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	29.7	25.2	37.8

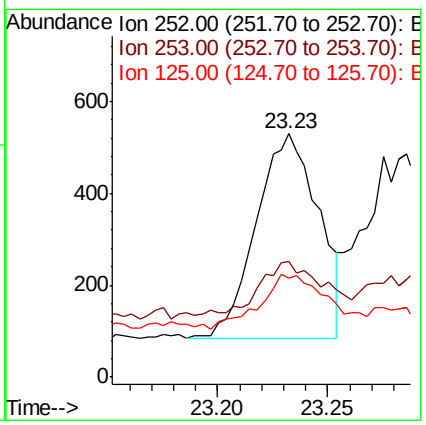


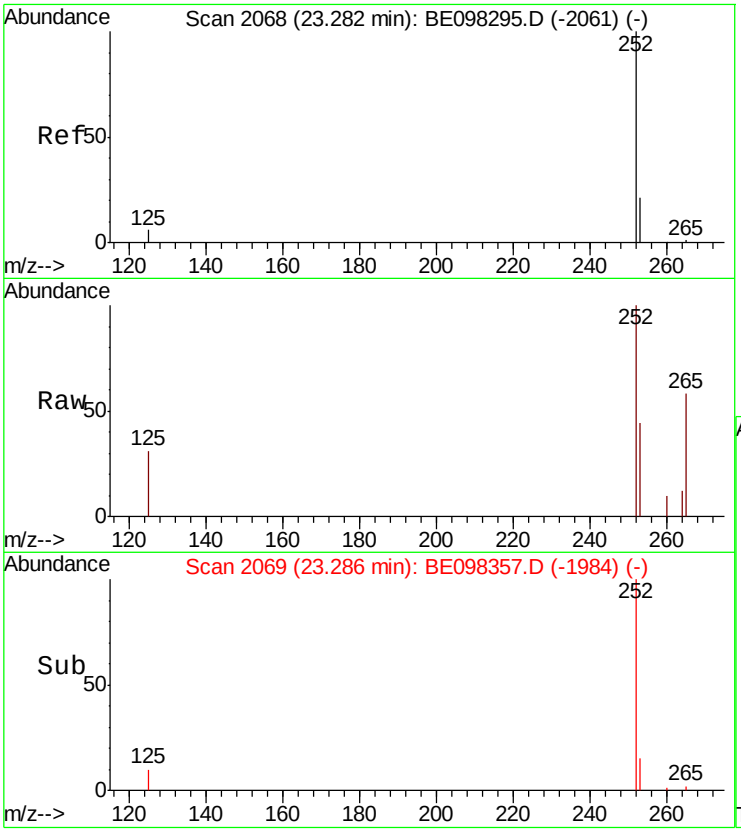


#35
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:252 Resp: 873

Ion	Ratio	Lower	Upper
252	100		
253	47.7	20.0	30.0#
125	40.4	9.6	14.4#



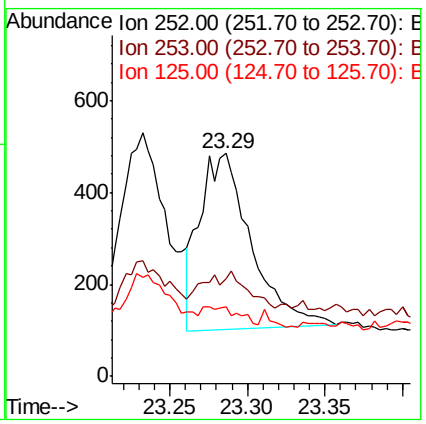


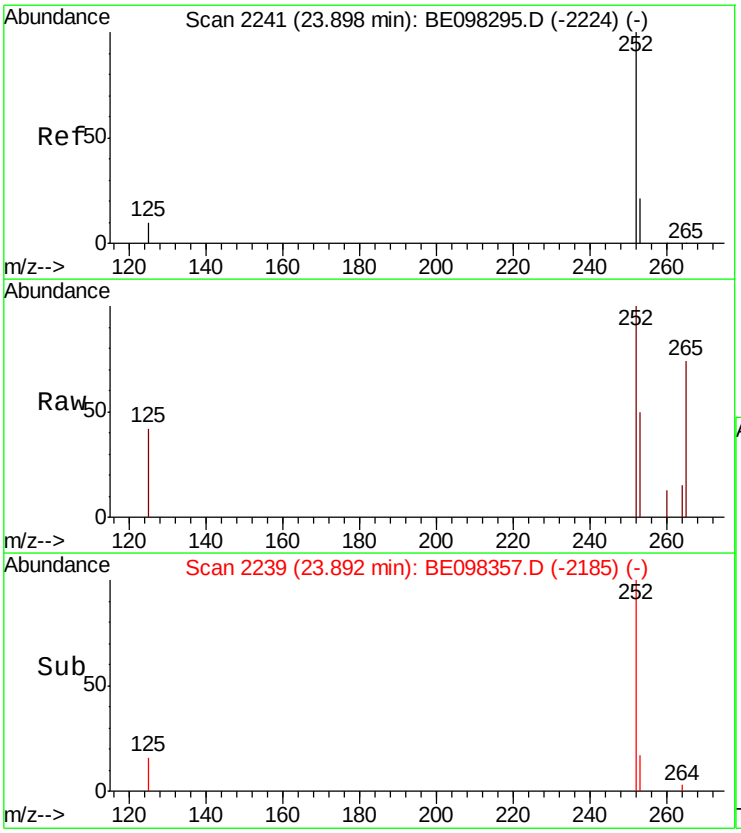
#36
Benzo(k)fluoranthene
Concen: 0.030 ng
RT: 23.29 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 888

Ion	Ratio	Lower	Upper
252	100		
253	43.9	19.0	28.6#
125	31.1	9.1	13.7#

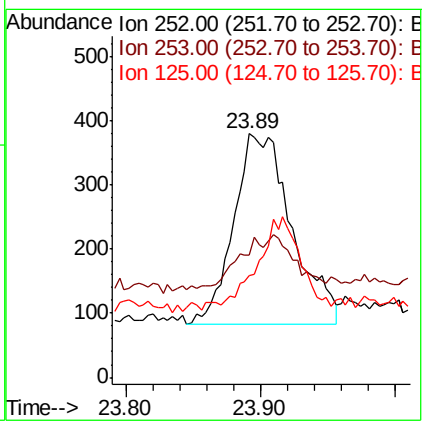


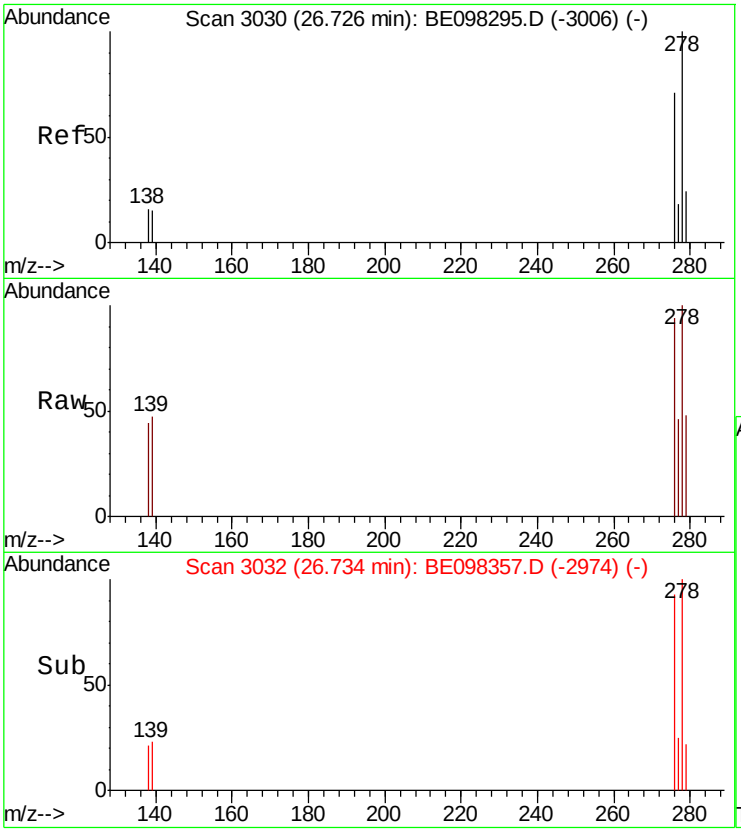


#37
Benzo(a)pyrene
Concen: 0.034 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:252 Resp: 887

Ion	Ratio	Lower	Upper
252	100		
253	50.0	20.6	30.8#
125	41.6	10.5	15.7#



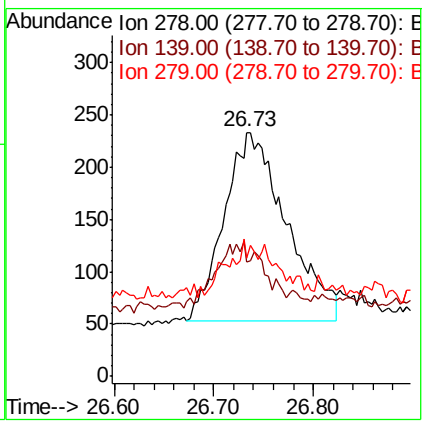


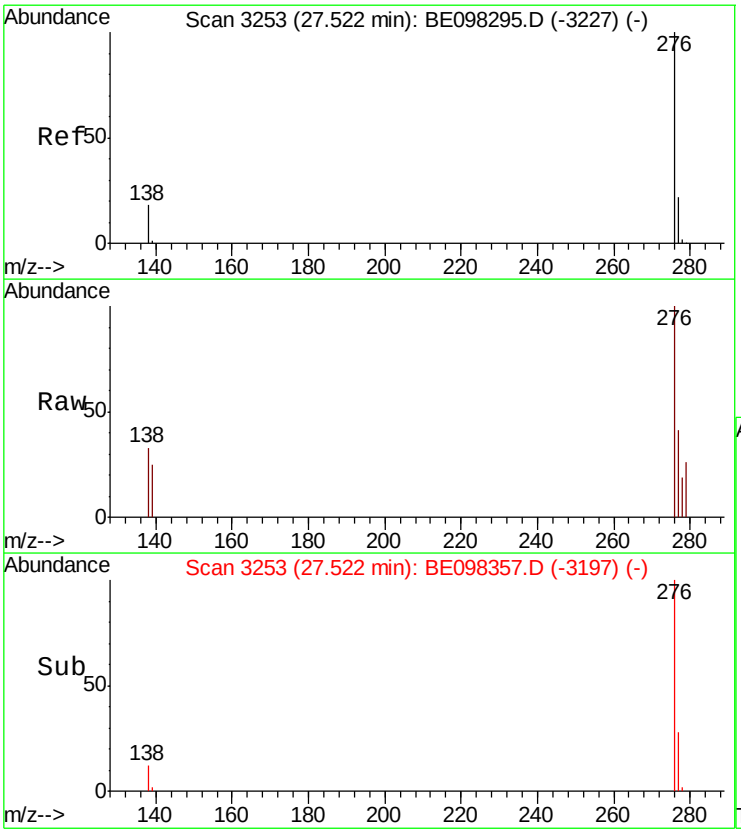
#38
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 26.73 min Scan# 3032
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 784

Ion	Ratio	Lower	Upper
278	100		
139	46.8	14.5	21.7#
279	48.5	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 0.020 ng
RT: 27.52 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion:276 Resp: 507

Ion	Ratio	Lower	Upper
276	100		
277	41.4	20.8	31.2#
138	33.2	15.8	23.6#