Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
Data File : BE098672.D
Acq On : 18 Jan 2019 19:29
Operator : SJ/JU
Sample : K1136-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 18 21:22:13 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	1047	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4249	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2414	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	4986	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6294	0.40	ng	0.00
34) Perylene-d12	23.92	264	6952	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	712	0.25	ng	0.01
5) Phenol-d6	7.00	99	982	0.25	ng	0.00
8) Nitrobenzene-d5	8.98	82	803	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2052	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	249	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2034	0.21	ng	0.01
25) Fluoranthene-d10	19.26	212	15677	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	2762	0.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	409	0.181	ng	# 51
3) n-Nitrosodimethylamine	3.65	42	487	0.346	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	723	0.240	ng	98
9) Naphthalene	10.65	128	11461	0.271	ng	100
10) Hexachlorobutadiene	10.94	225	794	0.262	ng	98
12) 2-Methylnaphthalene	12.28	142	1754	0.250	ng	95
16) Acenaphthylene	14.20	152	2631	0.252	ng	99
17) Acenaphthene	14.54	154	1638	0.250	ng	99
18) Fluorene	15.51	166	2163	0.254	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	645	0.244	ng	85
21) Hexachlorobenzene	16.53	284	847	0.266	ng	98
22) Pentachlorophenol	16.89	266	489	0.574	ng	96
23) Phenanthrene	17.27	178	3183	0.269	ng	99
24) Anthracene	17.36	178	2577	0.255	ng	98
26) Fluoranthene	19.29	202	3922	0.258	ng	98
28) Pyrene	19.65	202	4050	0.234	ng	99
30) Benzo(a)anthracene	21.39	228	4631	0.274	ng	98
31) Chrysene	21.45	228	4589	0.262	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	7455	0.208	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	6064	0.335	ng	98
35) Benzo(b)fluoranthene	23.15	252	5059	0.267	ng	98
36) Benzo(k)fluoranthene	23.20	252	5472	0.264	ng	97
37) Benzo(a)pyrene	23.81	252	5141	0.276	ng	98
38) Dibenzo(a,h)anthracene	26.60	278	4975	0.302	ng	98
39) Benzo(g,h,i)perylene	27.38	276	5355	0.296	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
Data File : BE098672.D
Acq On : 18 Jan 2019 19:29
Operator : SJ/JU
Sample : K1136-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 18 21:22:13 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
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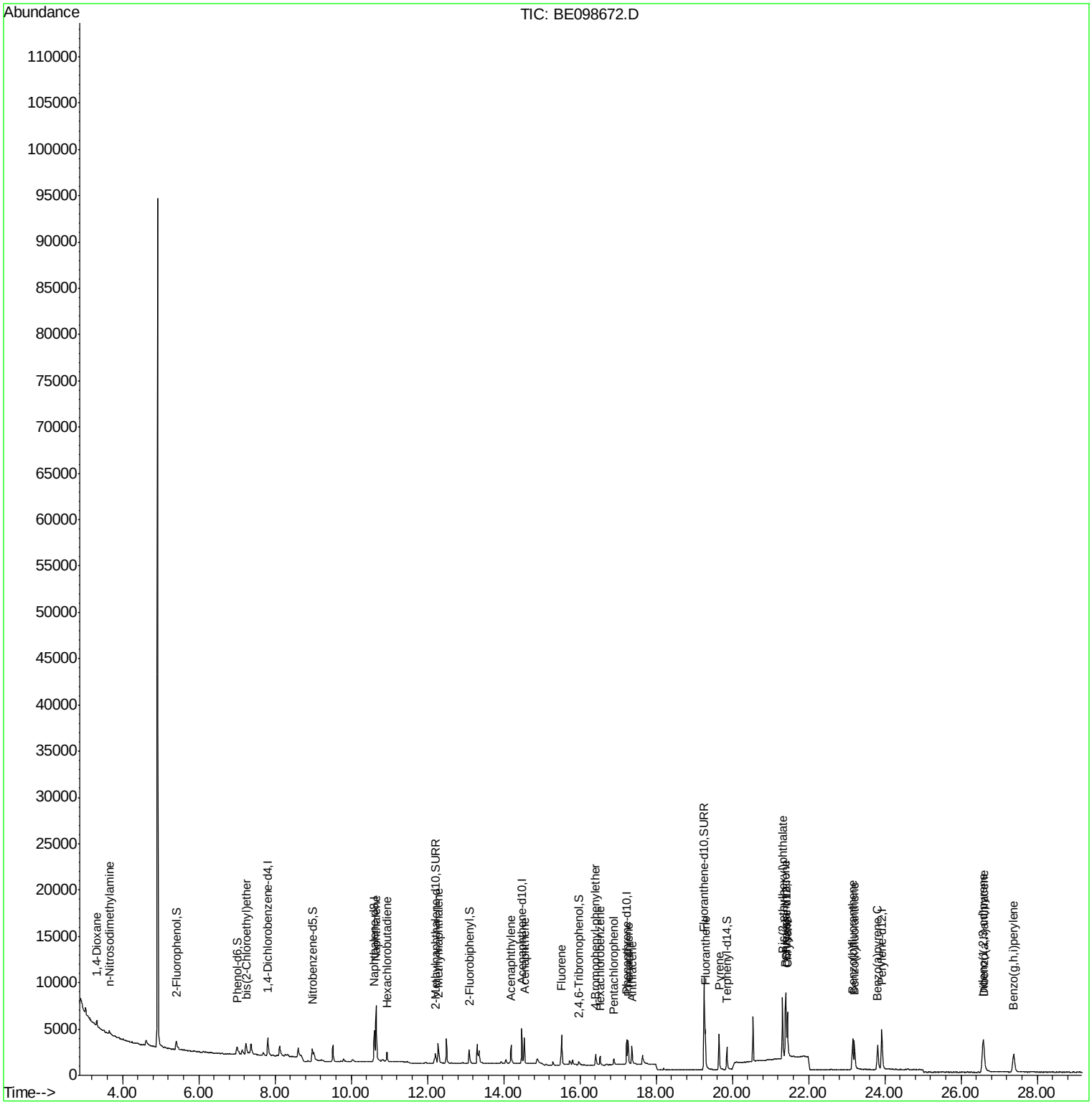
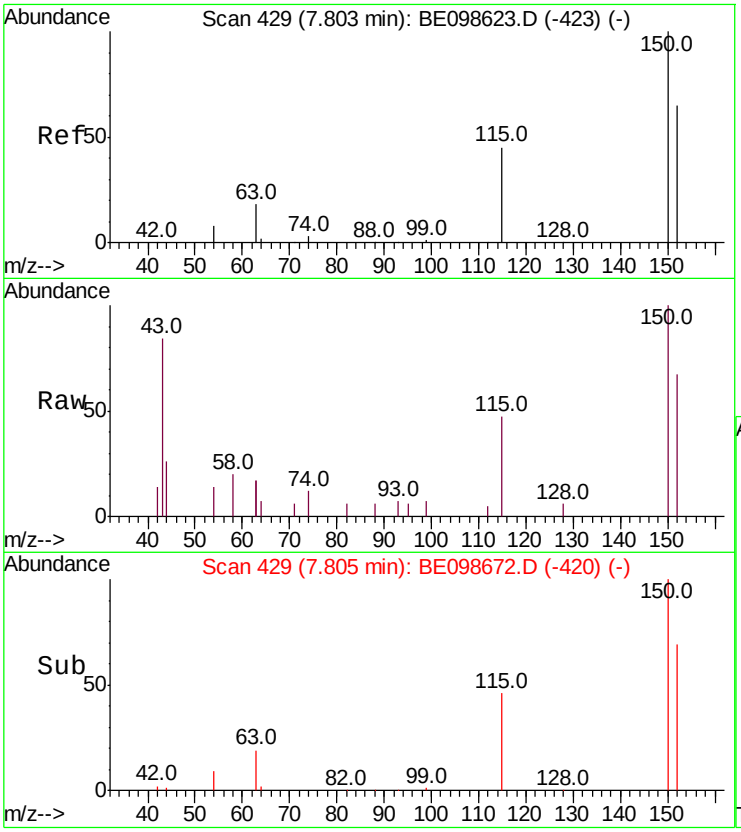


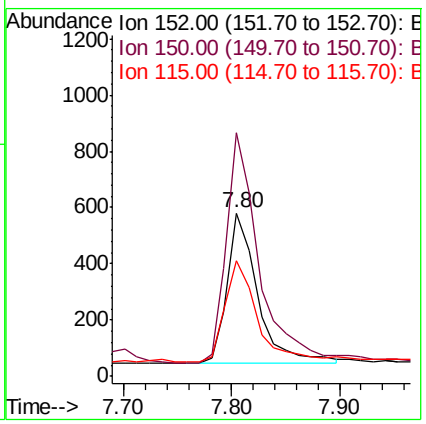


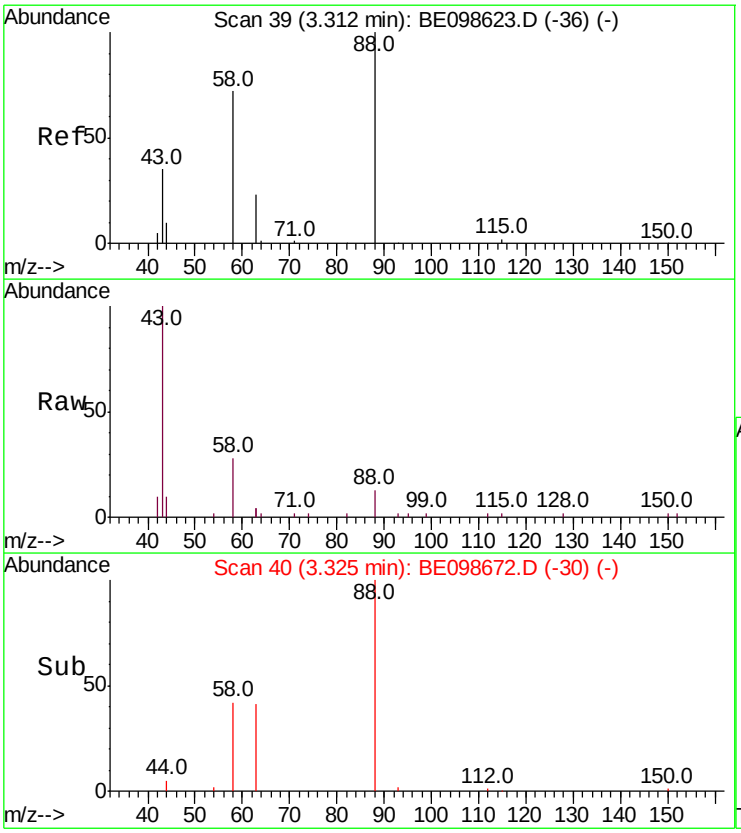
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1047

Ion	Ratio	Lower	Upper
152	100		
150	149.3	121.4	182.2
115	70.7	59.1	88.7

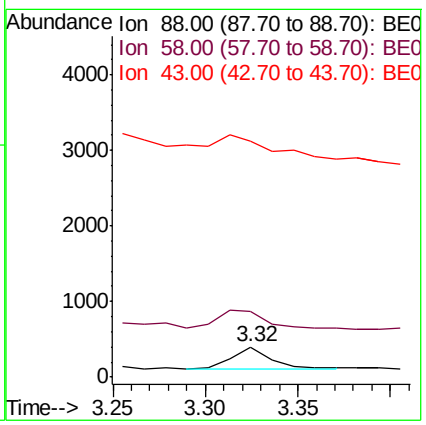


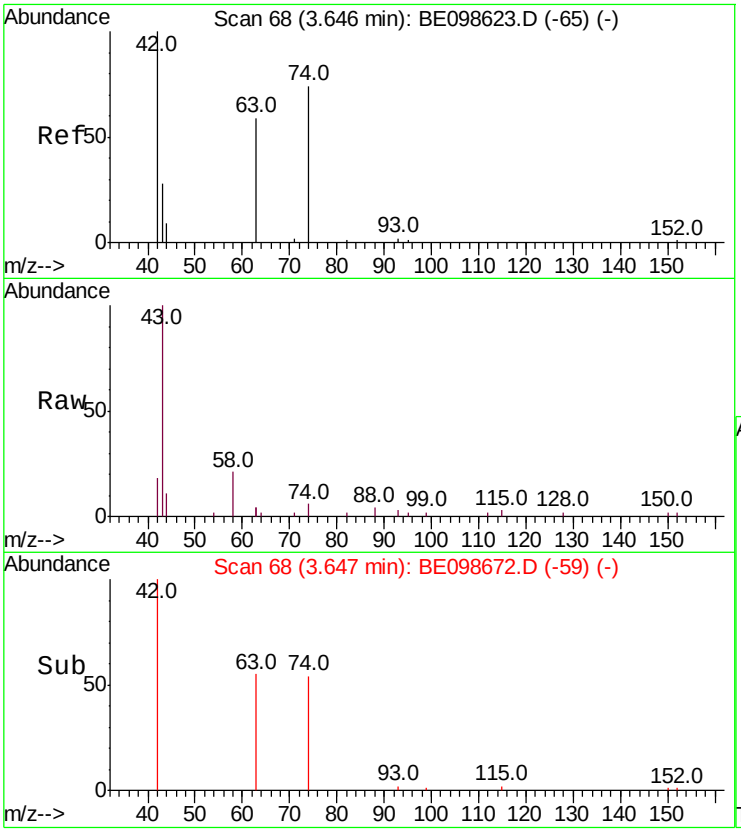


#2
1,4-Dioxane
Concen: 0.181 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion: 88 Resp: 409

Ion	Ratio	Lower	Upper
88	100		
58	100.5	73.9	110.9
43	138.6	43.7	65.5#



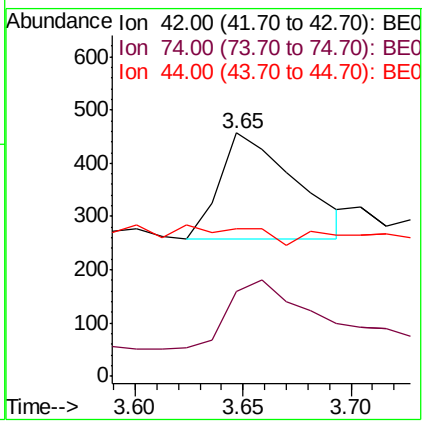


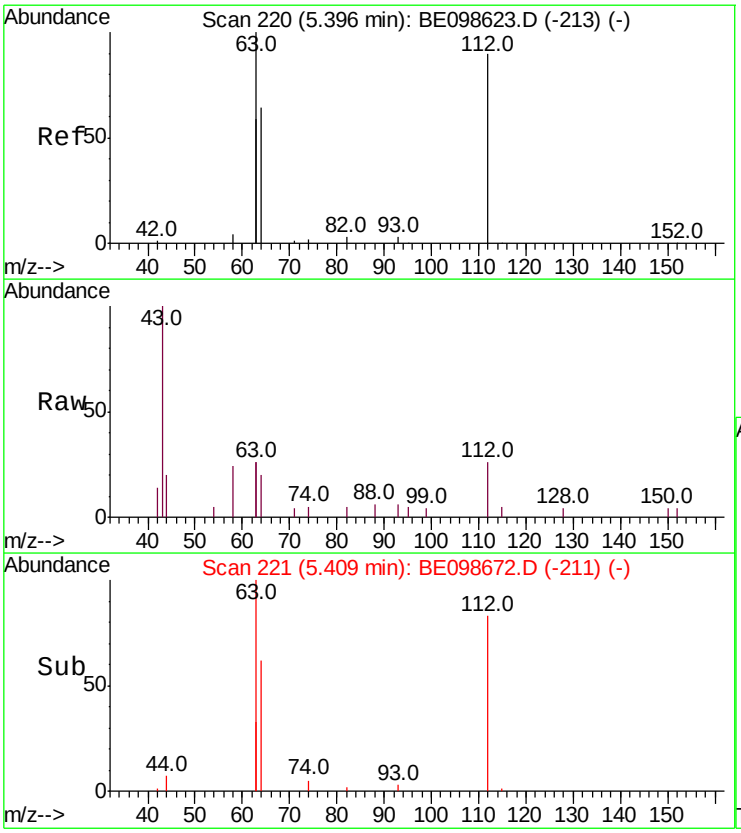
#3
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 487

Ion	Ratio	Lower	Upper
42	100		
74	72.3	58.9	88.3
44	0.0	0.0	0.0

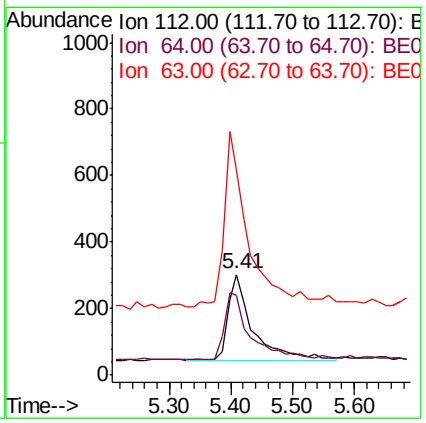


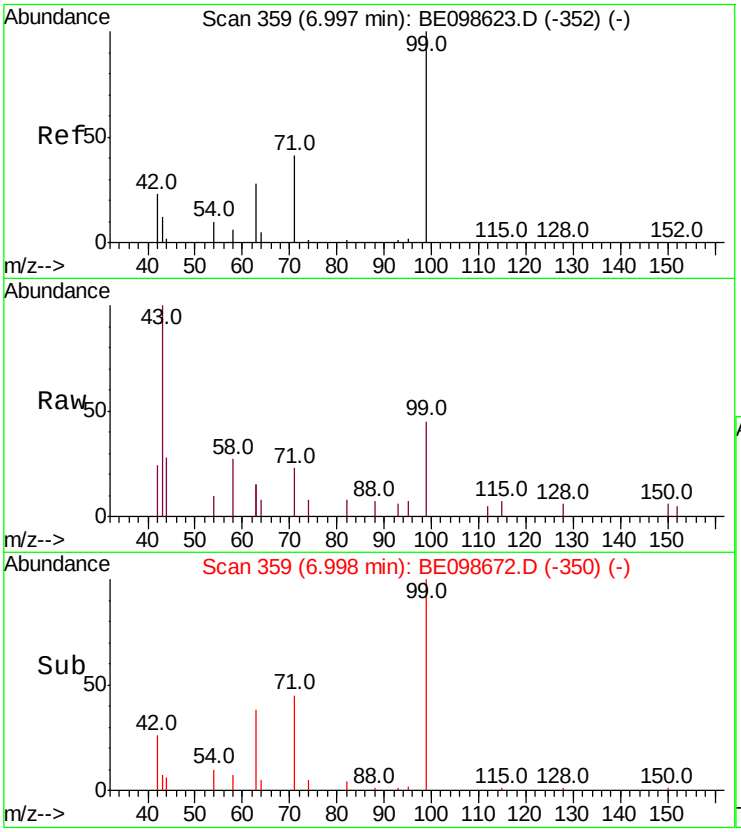


#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:112 Resp: 712

Ion	Ratio	Lower	Upper
112	100		
64	79.4	62.9	94.3
63	204.4	152.2	228.4



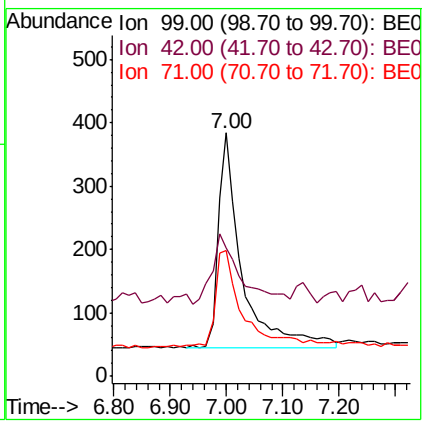


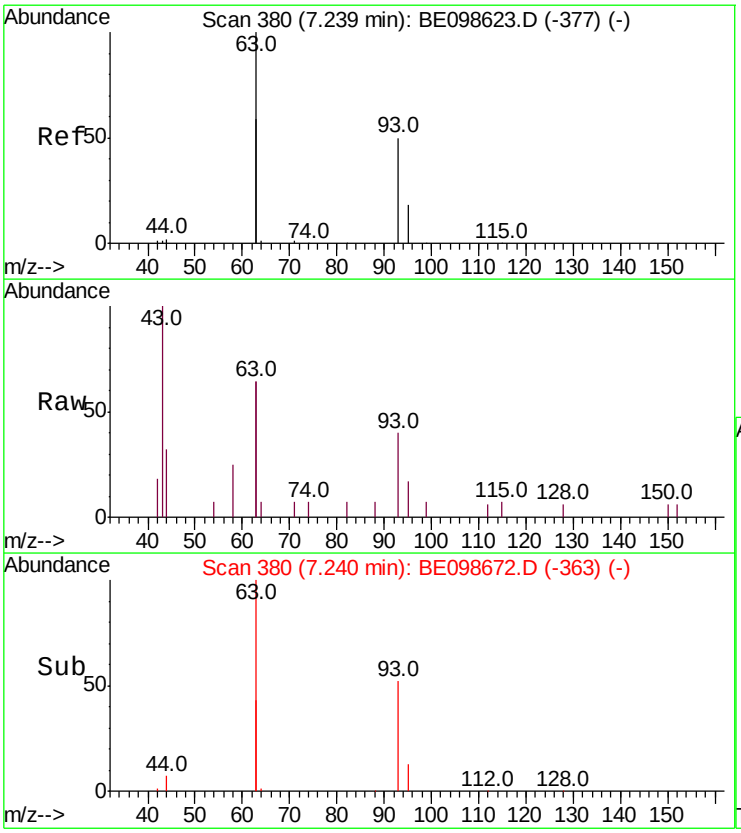
#5
Phenol-d6
Concen: 0.247 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 982

Ion	Ratio	Lower	Upper
99	100		
42	39.0	24.6	37.0#
71	50.3	35.1	52.7

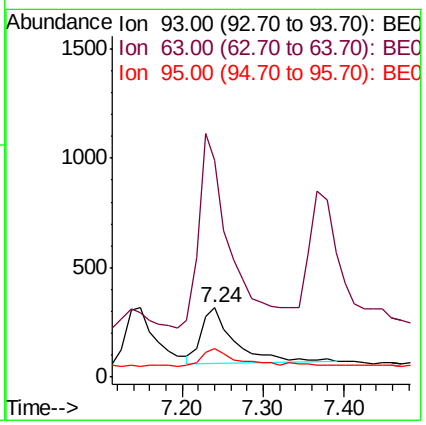


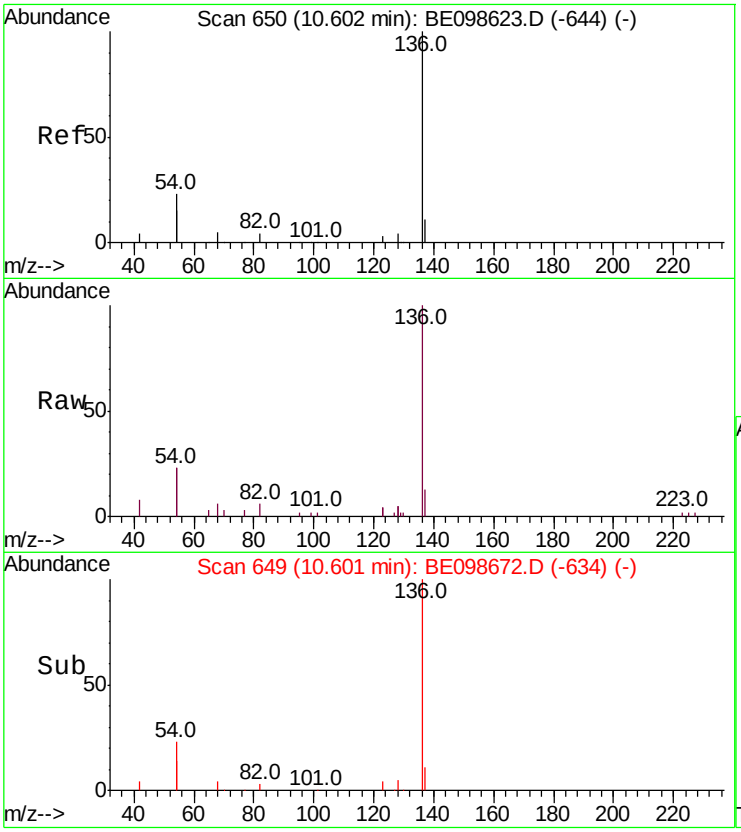


#6
bis(2-Chloroethyl)ether
Concen: 0.240 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion: 93 Resp: 723

Ion	Ratio	Lower	Upper
93	100		
63	337.3	267.3	400.9
95	31.0	26.2	39.4



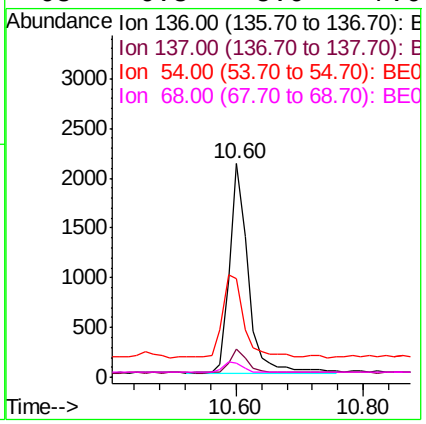


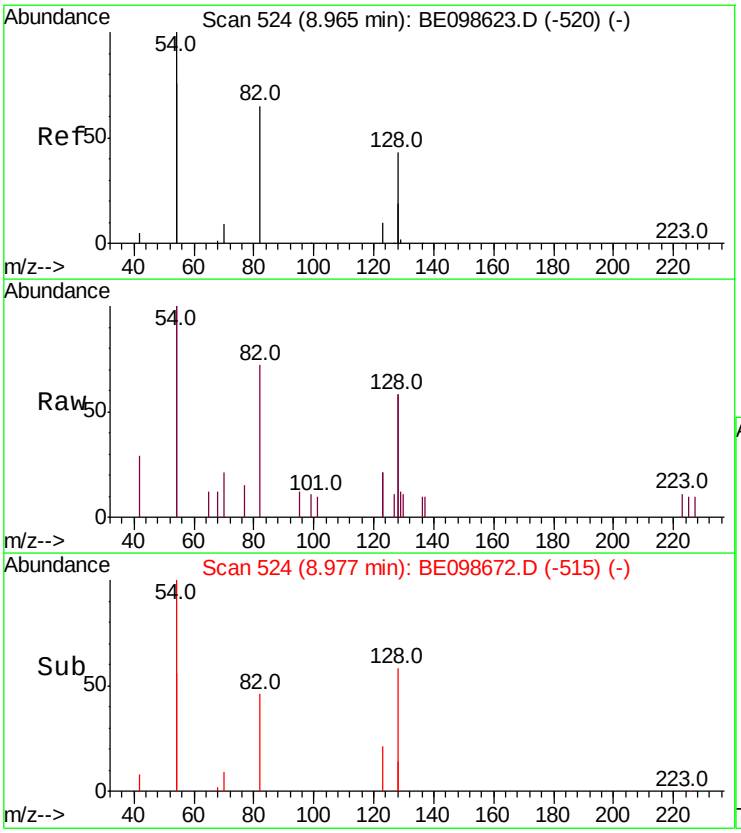
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4249

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.7	14.5
54	45.9	35.5	53.3
68	6.3	5.0	7.6

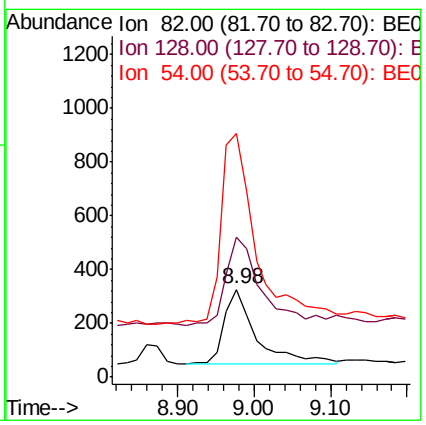


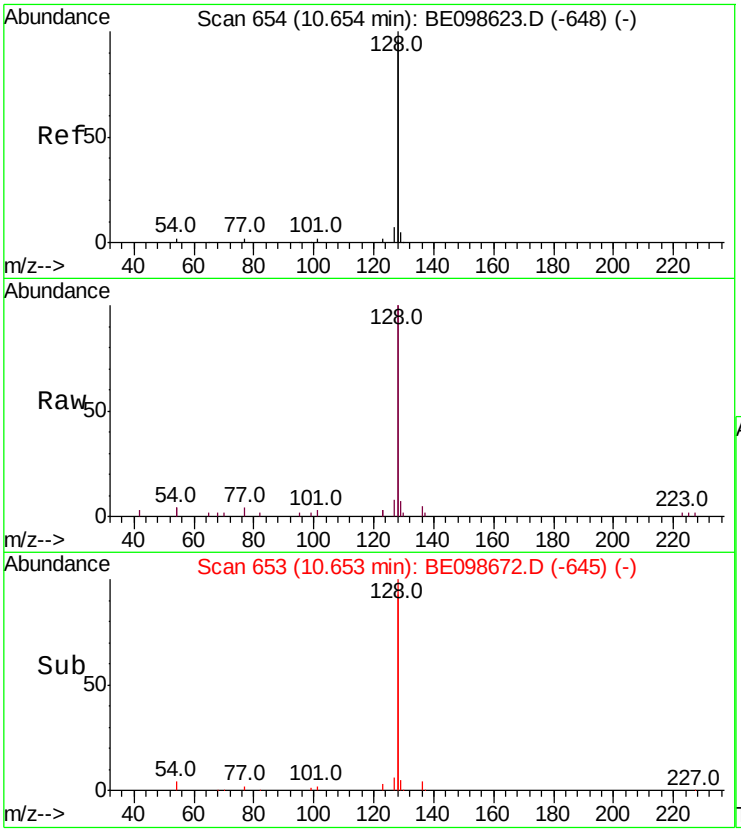


#8
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion: 82 Resp: 803

Ion	Ratio	Lower	Upper
82	100		
128	159.6	96.5	144.7#
54	277.1	224.7	337.1



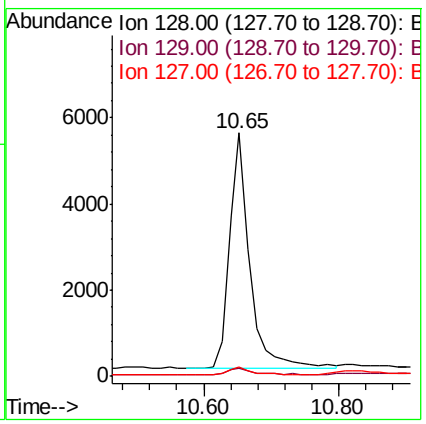


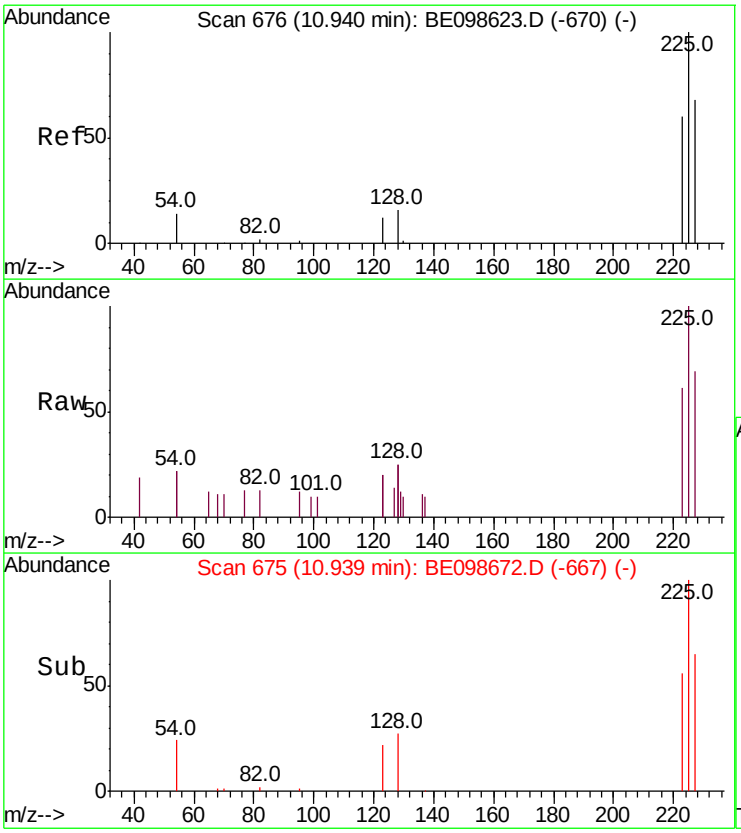
#9
Naphthalene
Concen: 0.271 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 11461

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.0	3.0	4.6

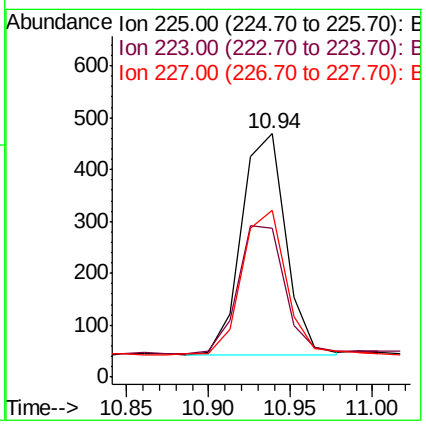


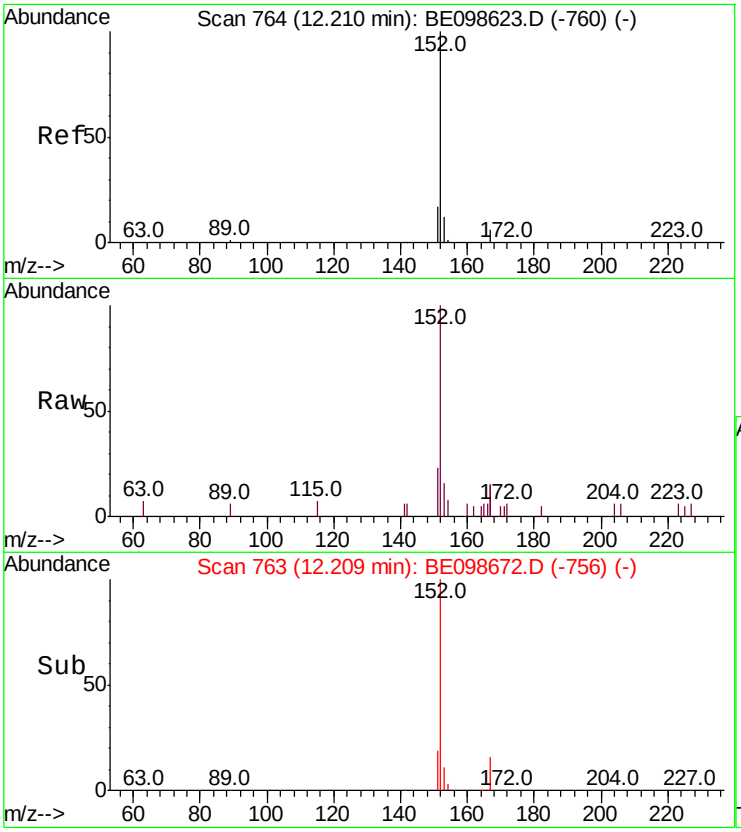


#10
Hexachlorobutadiene
Concen: 0.262 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:225 Resp: 794

Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.8	71.8
227	65.4	50.5	75.7



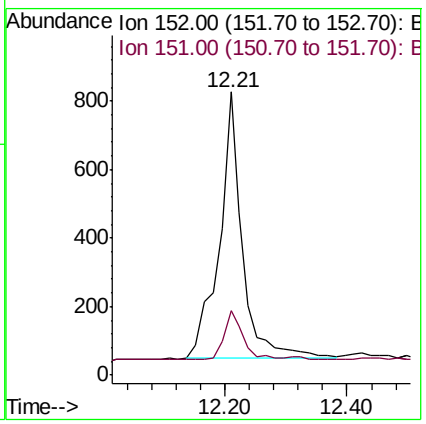


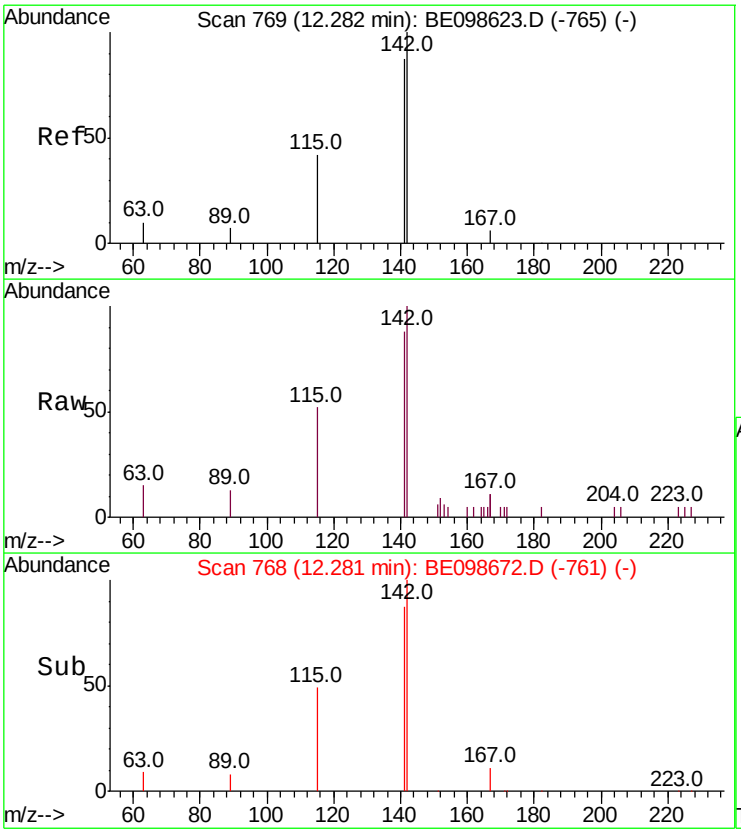
#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2052

Ion	Ratio	Lower	Upper
152	100		
151	15.6	16.2	24.4#

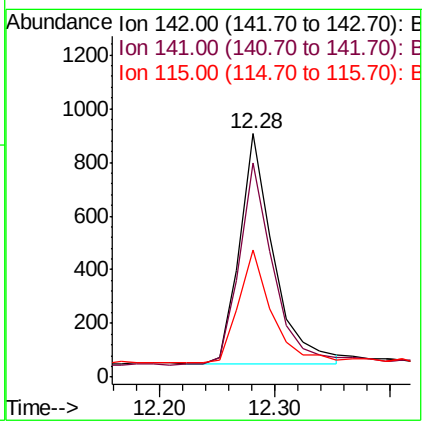


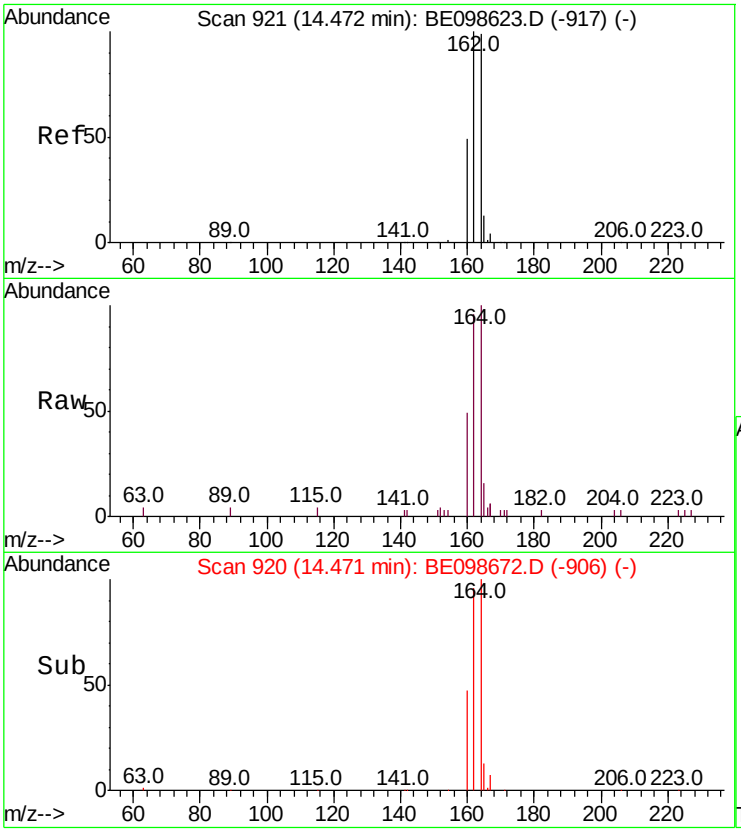


#12
2-Methylnaphthalene
Concen: 0.250 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:142 Resp: 1754

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.0	105.0
115	52.4	35.2	52.8



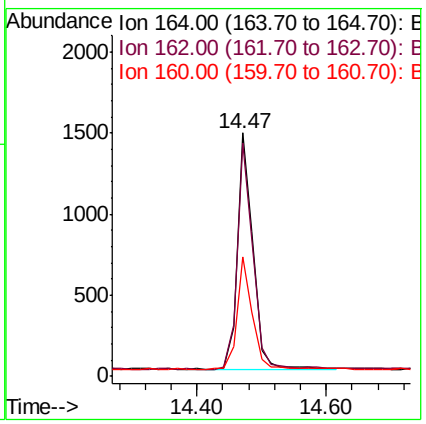


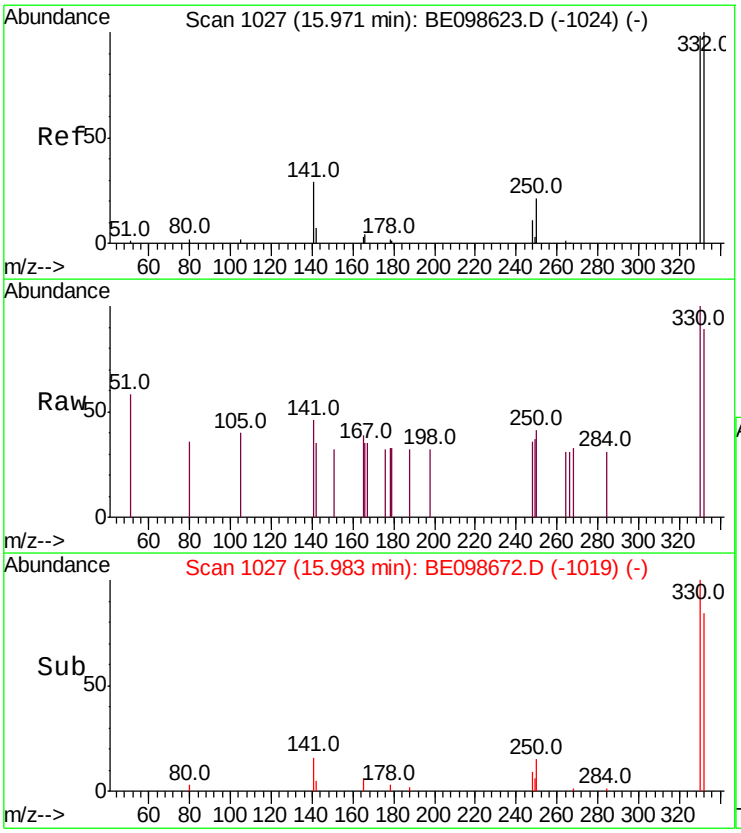
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2414

Ion	Ratio	Lower	Upper
164	100		
162	95.8	80.5	120.7
160	48.9	40.1	60.1

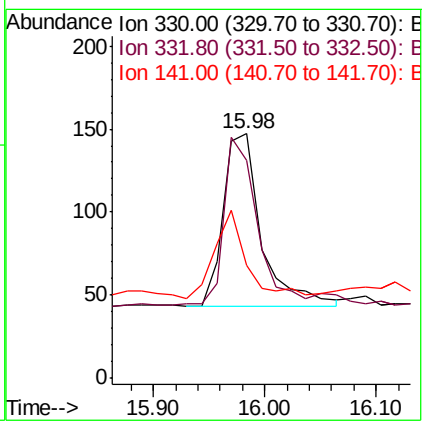


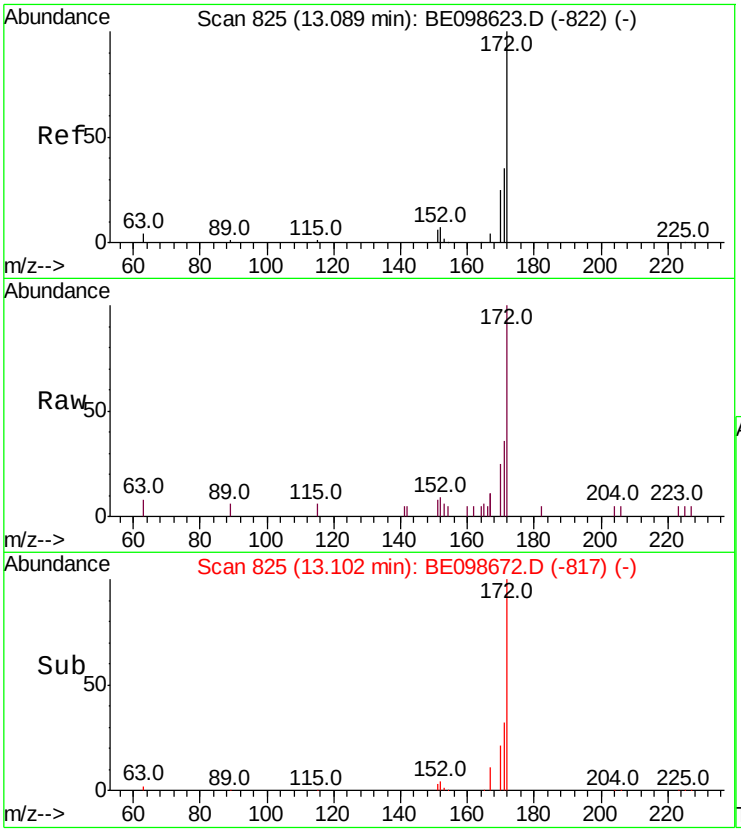


#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:330 Resp: 249

Ion	Ratio	Lower	Upper
330	100		
332	89.2	73.3	109.9
141	42.6	33.1	49.7



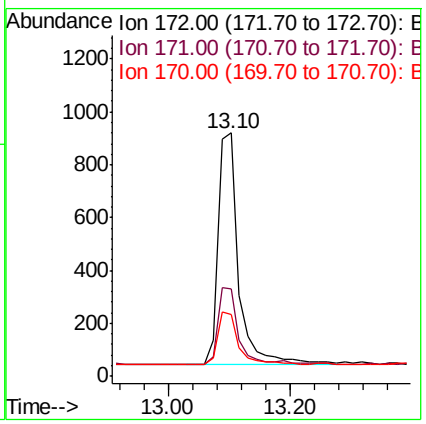


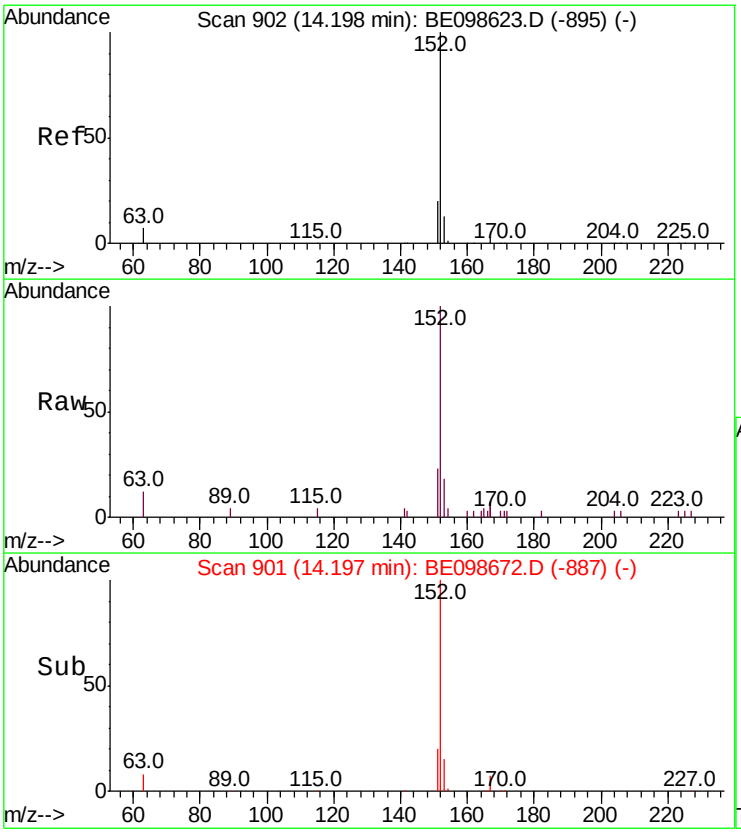
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2034

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	25.4	20.8	31.2

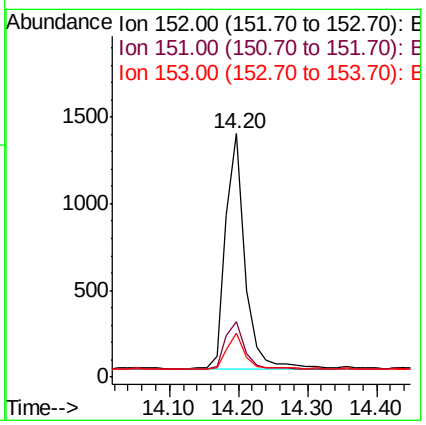


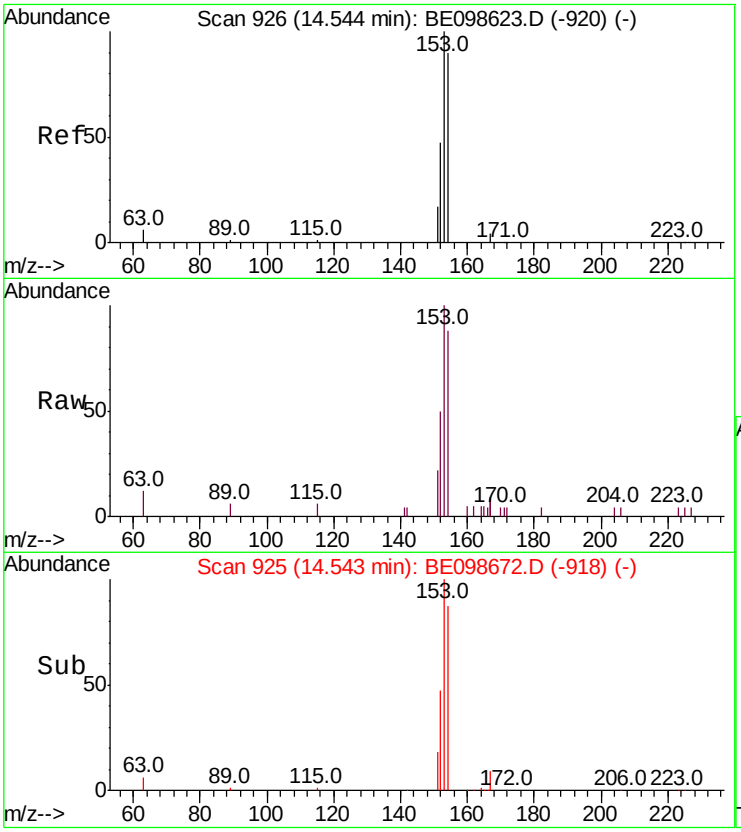


#16
Acenaphthylene
Concen: 0.252 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:152 Resp: 2631

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.3	10.7	16.1



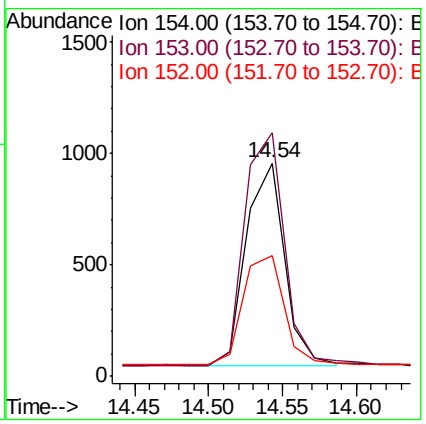


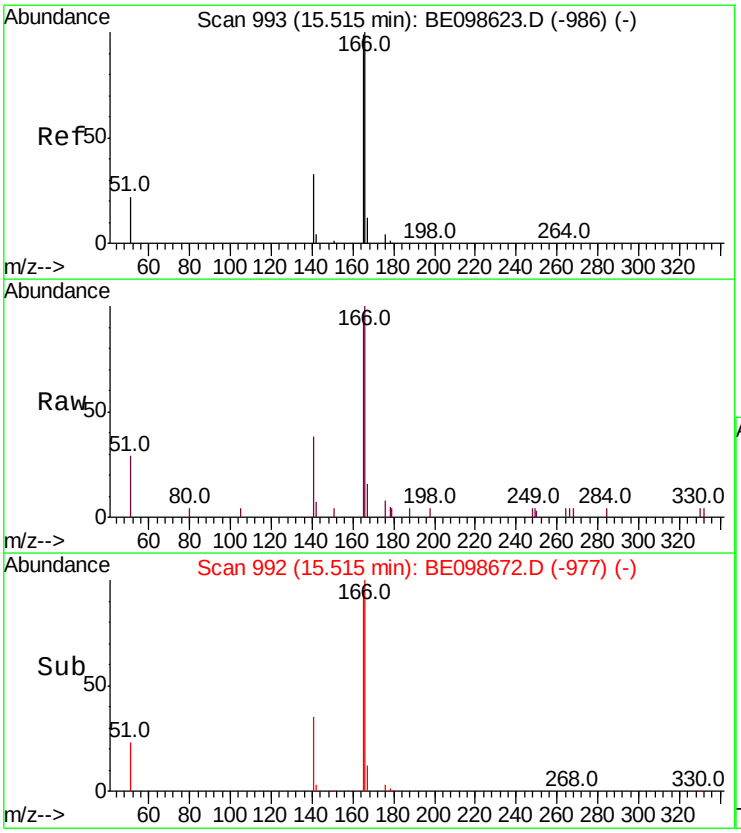
#17
Acenaphthene
Concen: 0.250 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1638

Ion	Ratio	Lower	Upper
154	100		
153	119.1	93.9	140.9
152	57.3	45.8	68.8

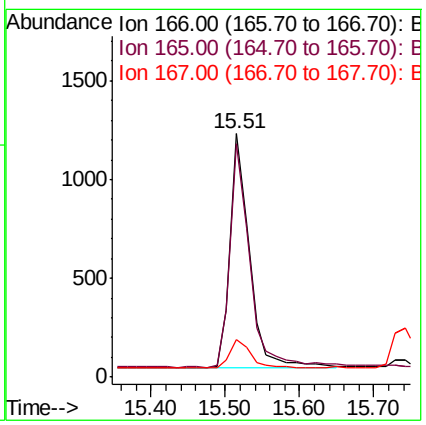


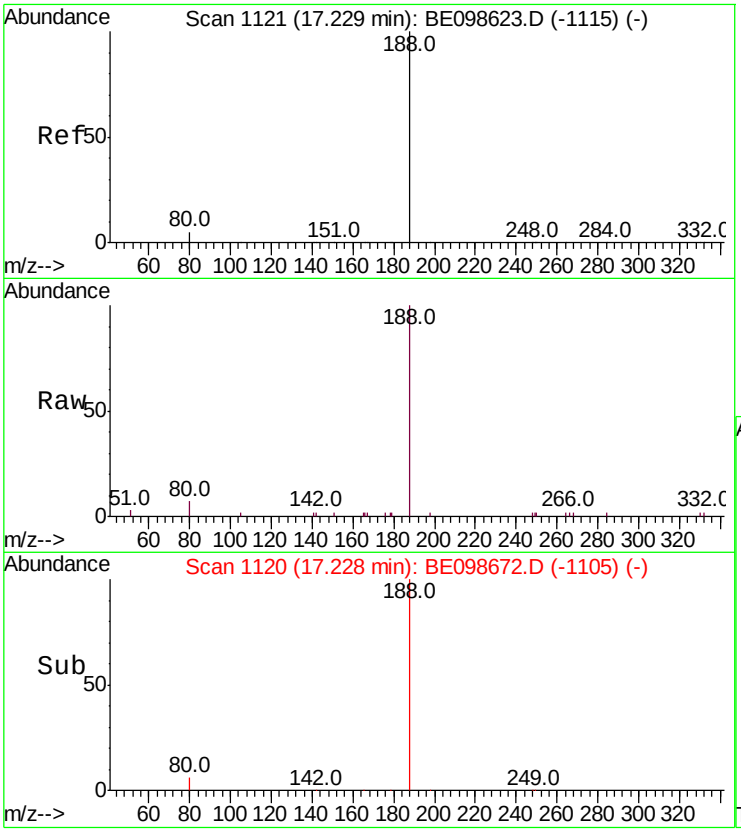


#18
Fluorene
Concen: 0.254 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:166 Resp: 2163

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.3	118.9
167	13.7	10.6	15.8



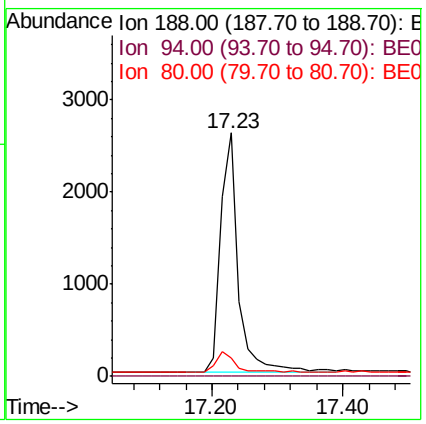


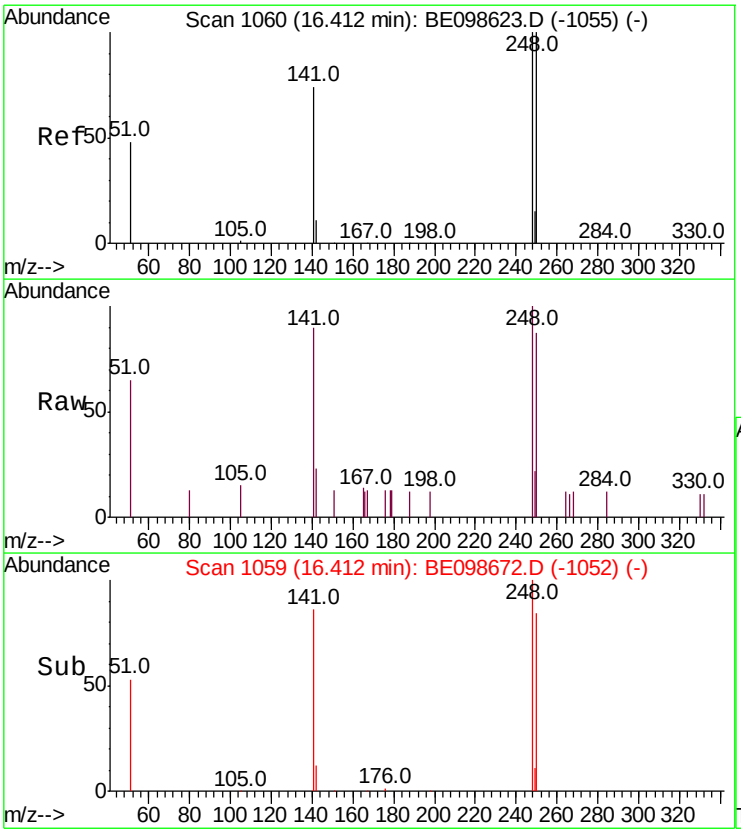
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4986

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	4.7	7.1#

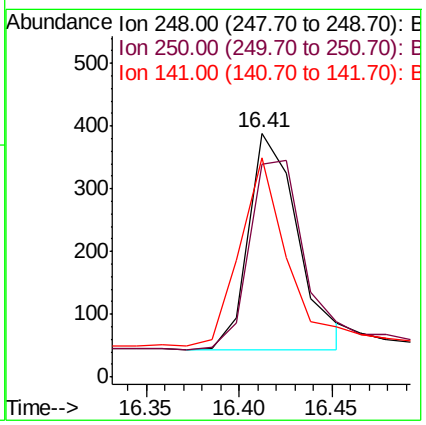


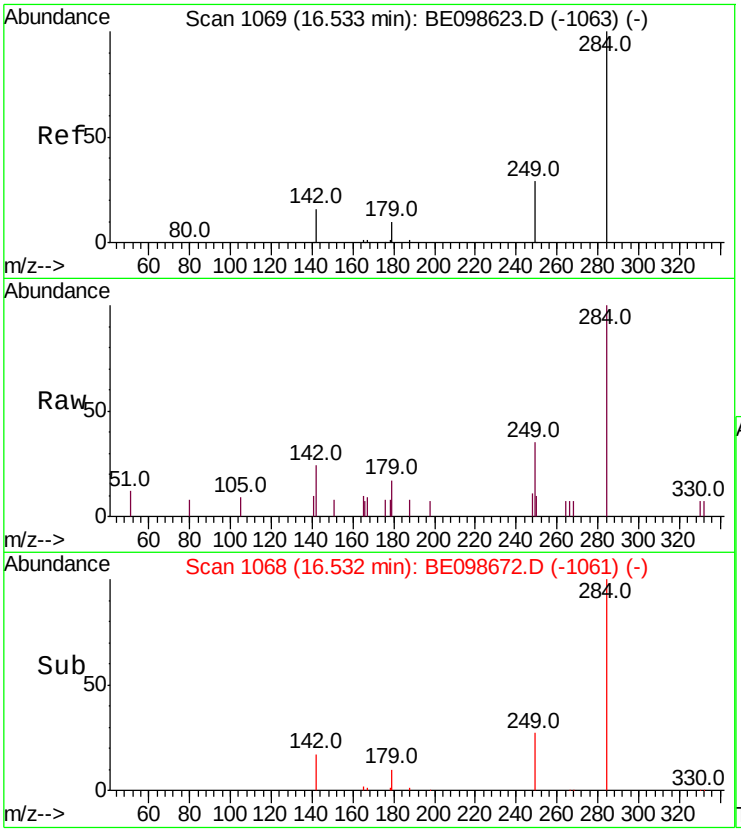


#20
4-Bromophenyl-phenylether
Concen: 0.244 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:248 Resp: 645

Ion	Ratio	Lower	Upper
248	100		
250	87.1	80.2	120.4
141	90.2	60.5	90.7



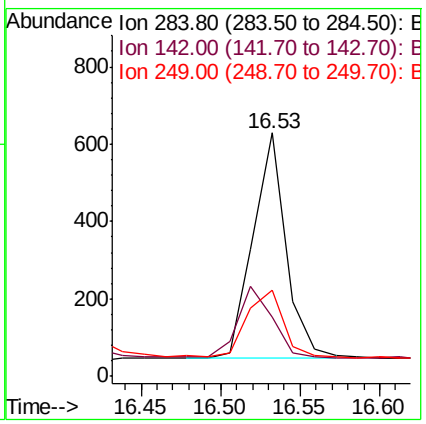


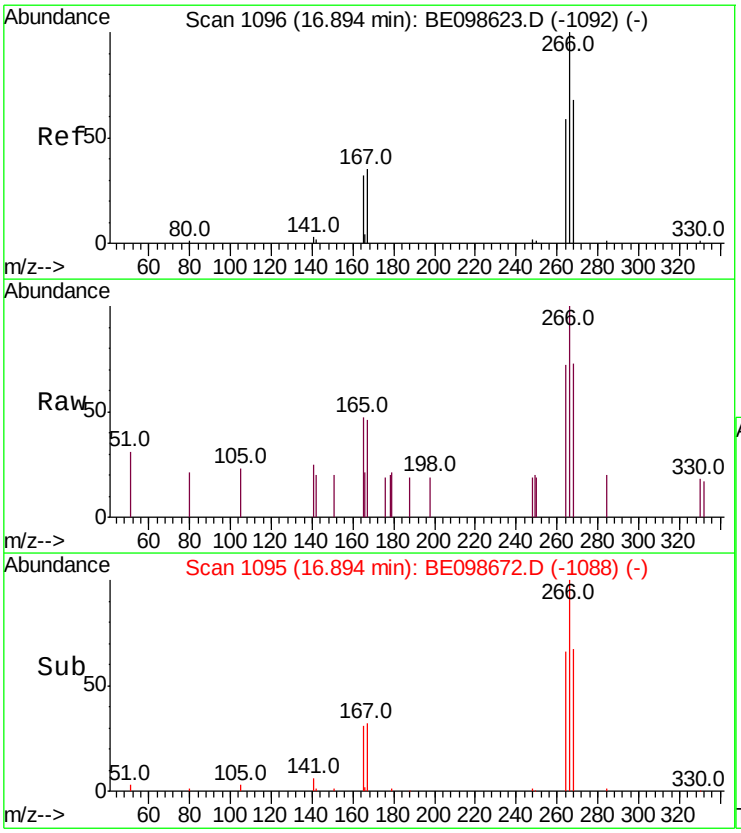
#21
Hexachlorobenzene
Concen: 0.266 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 847

Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.5	38.3
249	32.6	26.6	39.8

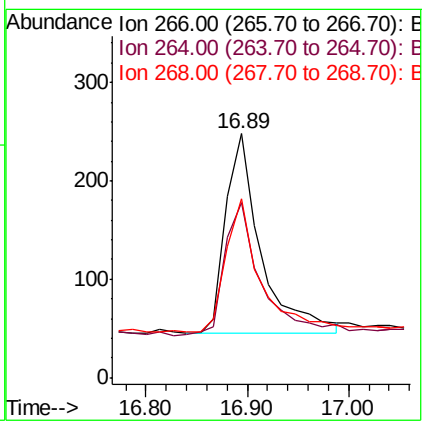


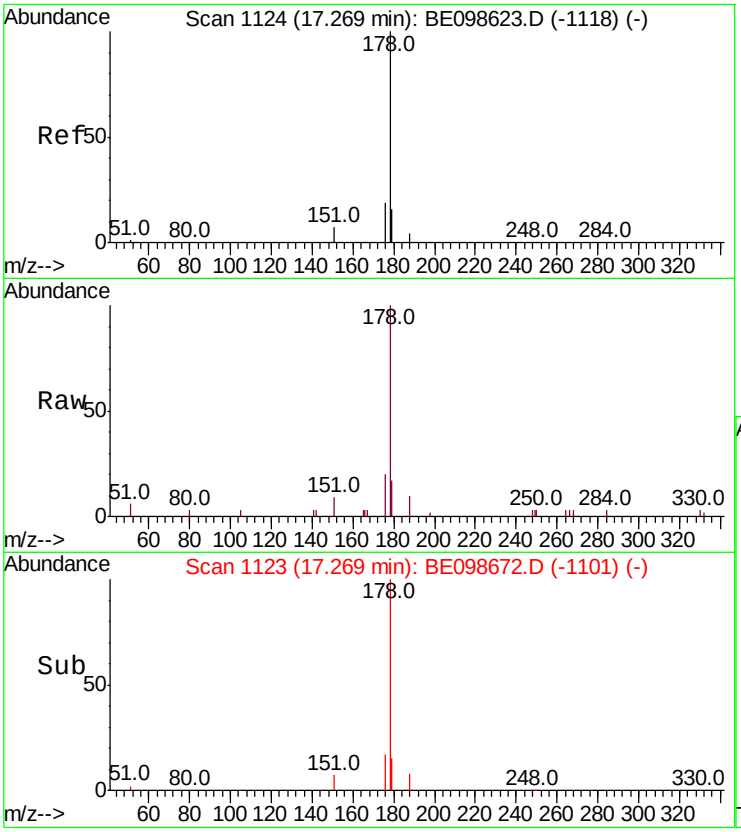


#22
Pentachlorophenol
Concen: 0.574 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:266 Resp: 489

Ion	Ratio	Lower	Upper
266	100		
264	71.8	53.7	80.5
268	73.4	59.8	89.8



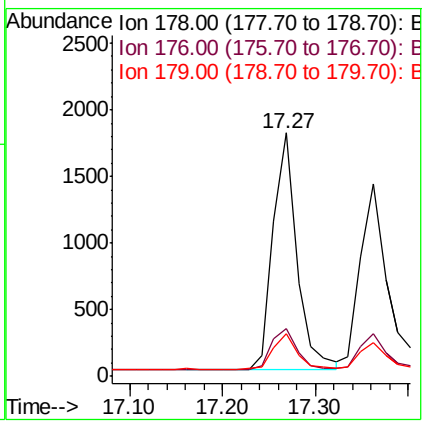


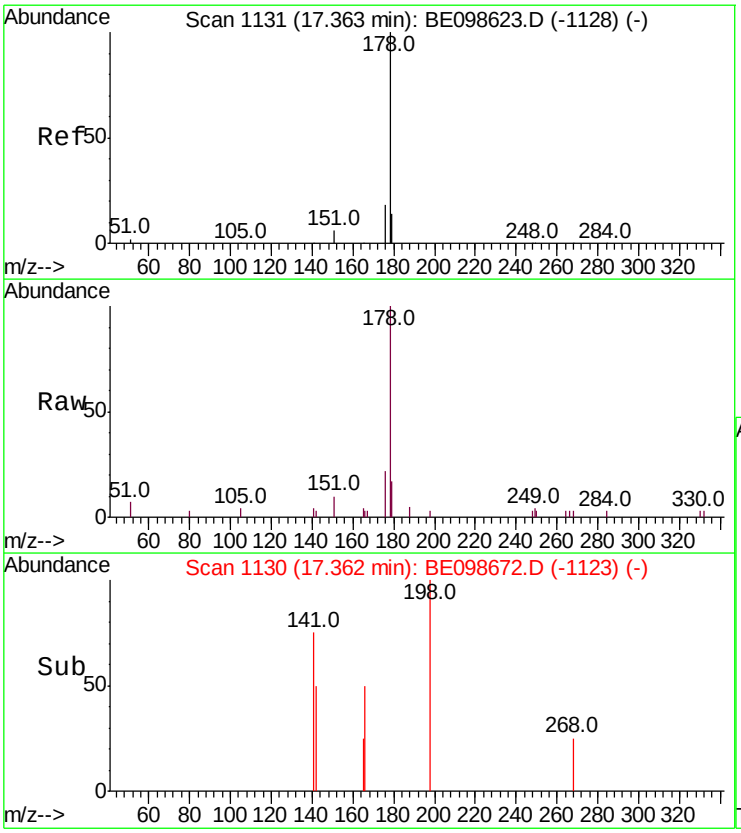
#23
Phenanthrene
Concen: 0.269 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3183

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.3	12.2	18.4

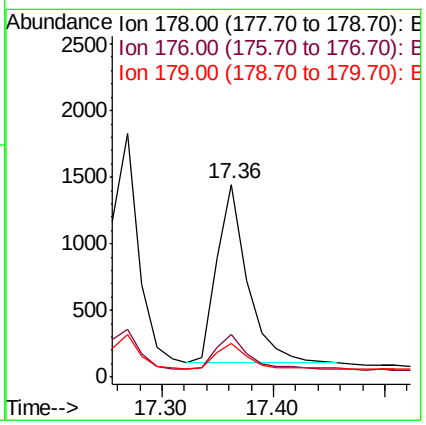


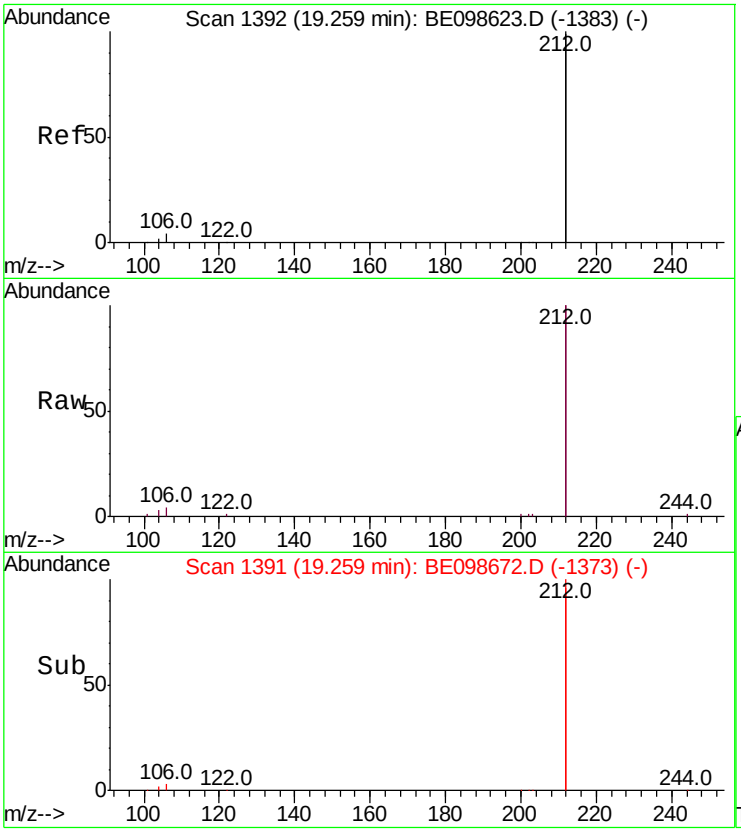


#24
Anthracene
Concen: 0.255 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:178 Resp: 2577

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.9	22.3
179	14.5	11.8	17.8



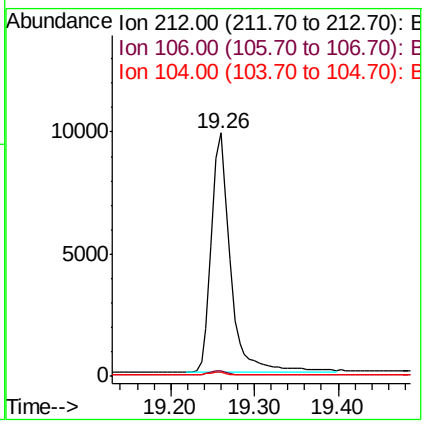


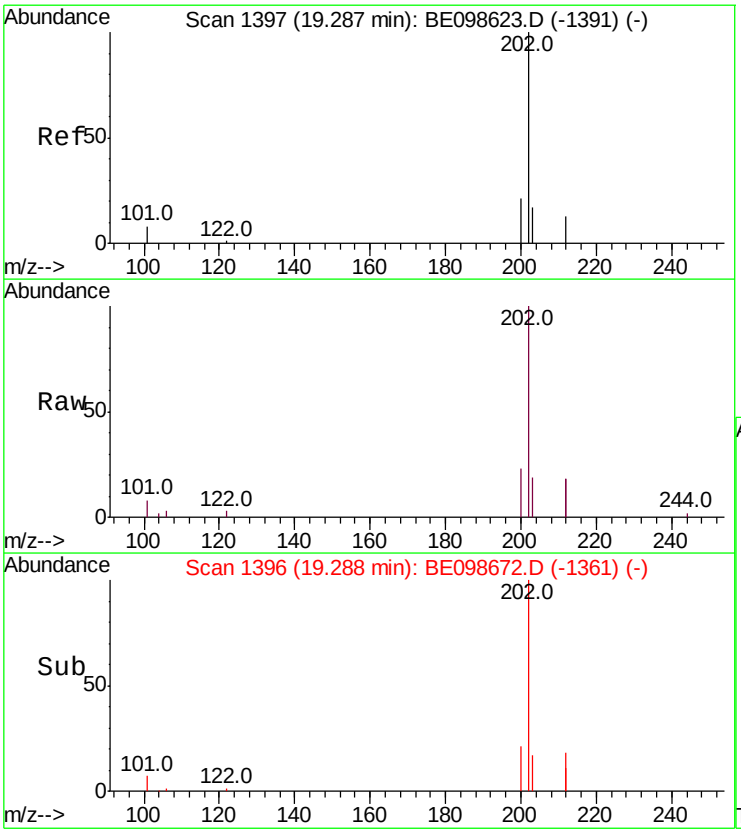
#25
Fluoranthene-d10
Concen: 0.254 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 15677

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.1	1.0	1.6

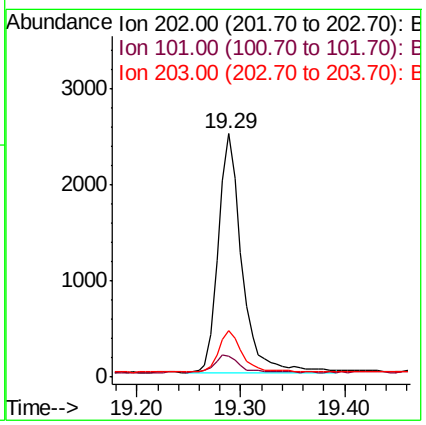


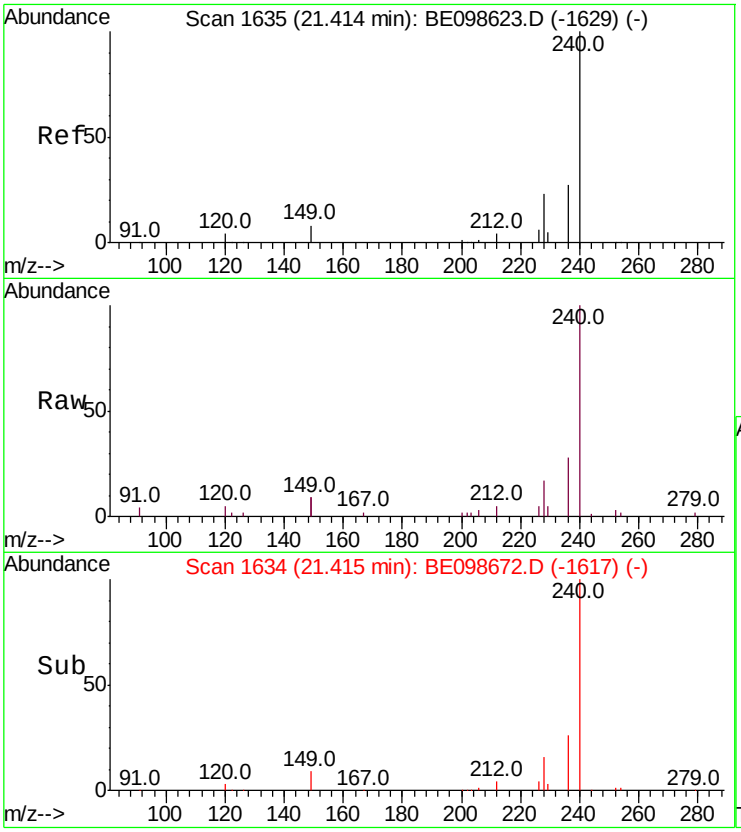


#26
Fluoranthene
Concen: 0.258 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:202 Resp: 3922

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.7	10.1
203	17.2	13.3	19.9



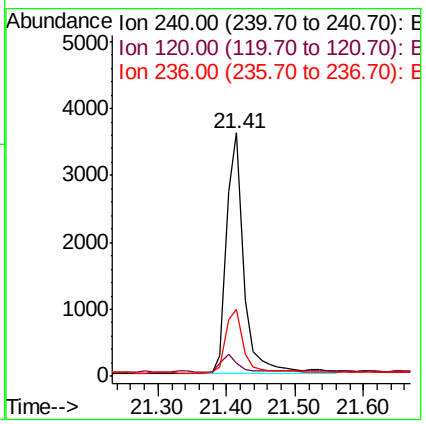


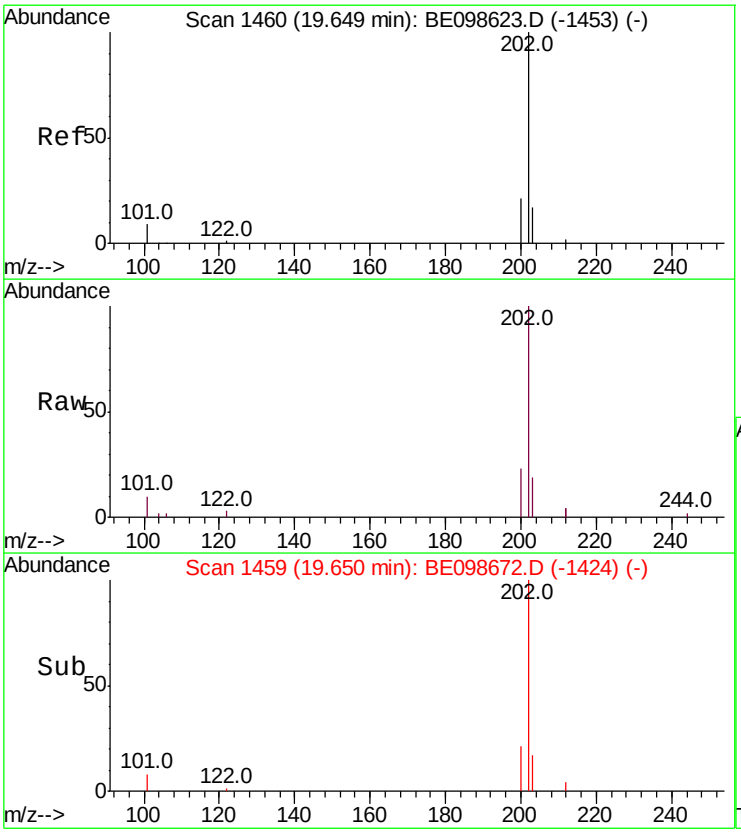
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6294

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.7	7.1
236	27.5	21.9	32.9

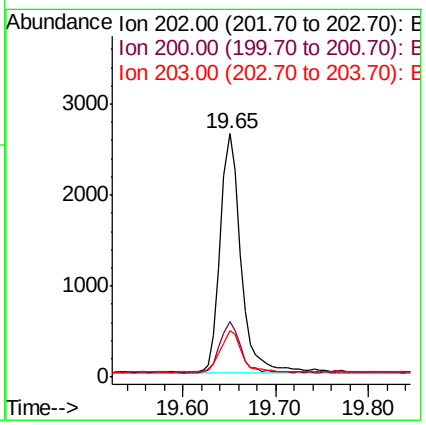


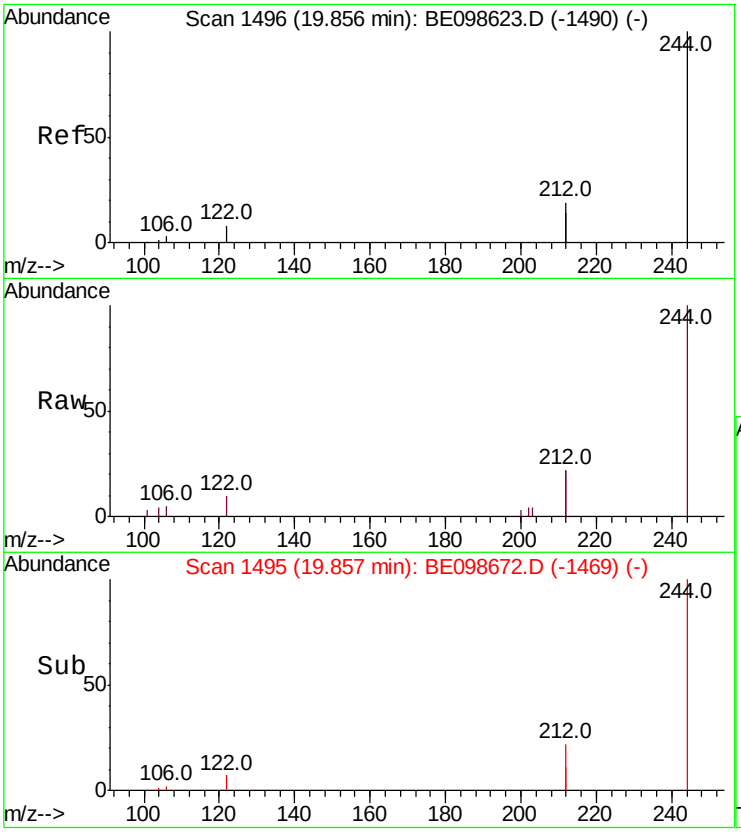


#28
Pyrene
Concen: 0.234 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:202 Resp: 4050

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.8	13.8	20.8



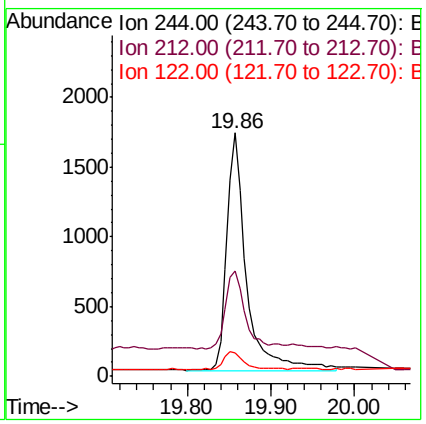


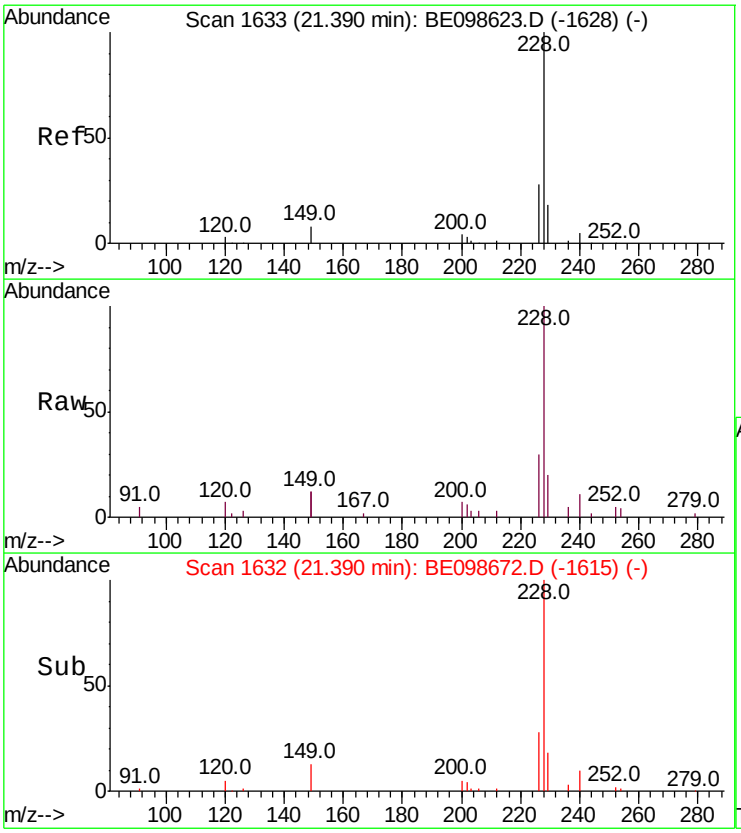
#29
Terphenyl-d14
Concen: 0.198 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2762

Ion	Ratio	Lower	Upper
244	100		
212	43.4	29.4	44.2
122	9.7	7.1	10.7

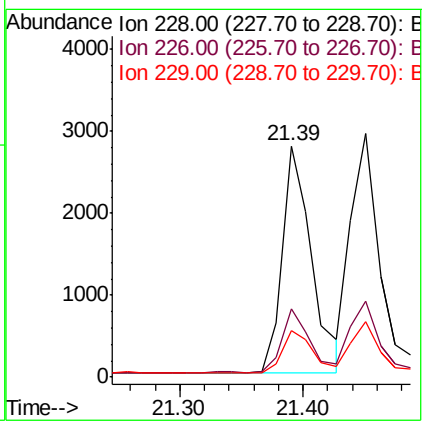


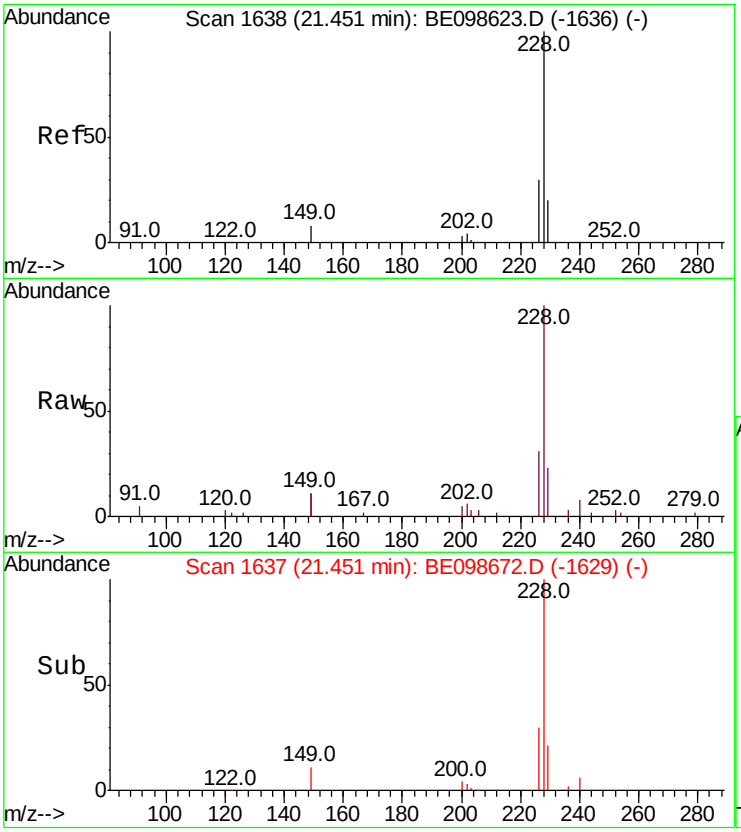


#30
Benzo(a)anthracene
Concen: 0.274 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:228 Resp: 4631

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.4
229	20.0	15.0	22.6



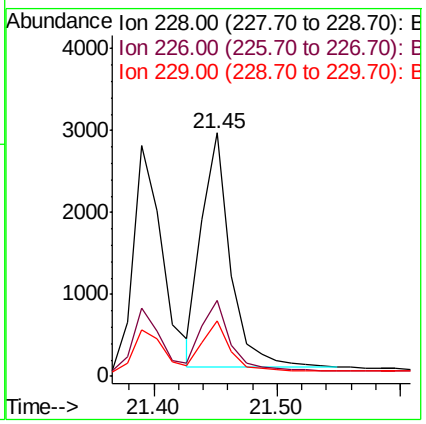


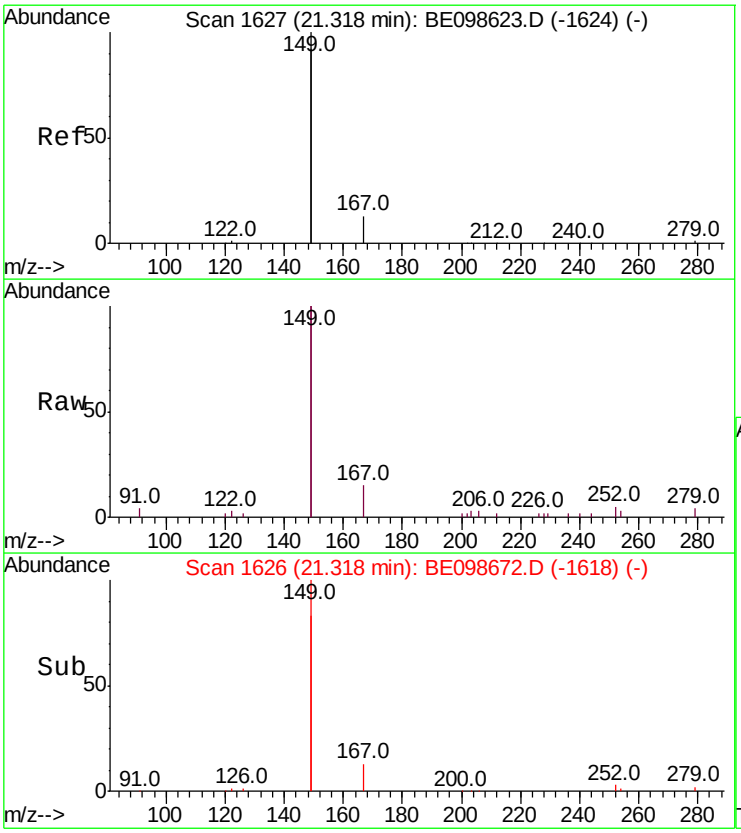
#31
Chrysene
Concen: 0.262 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4589

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	36.8
229	22.5	16.4	24.6

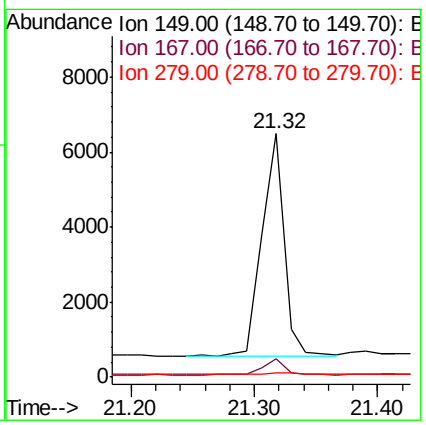


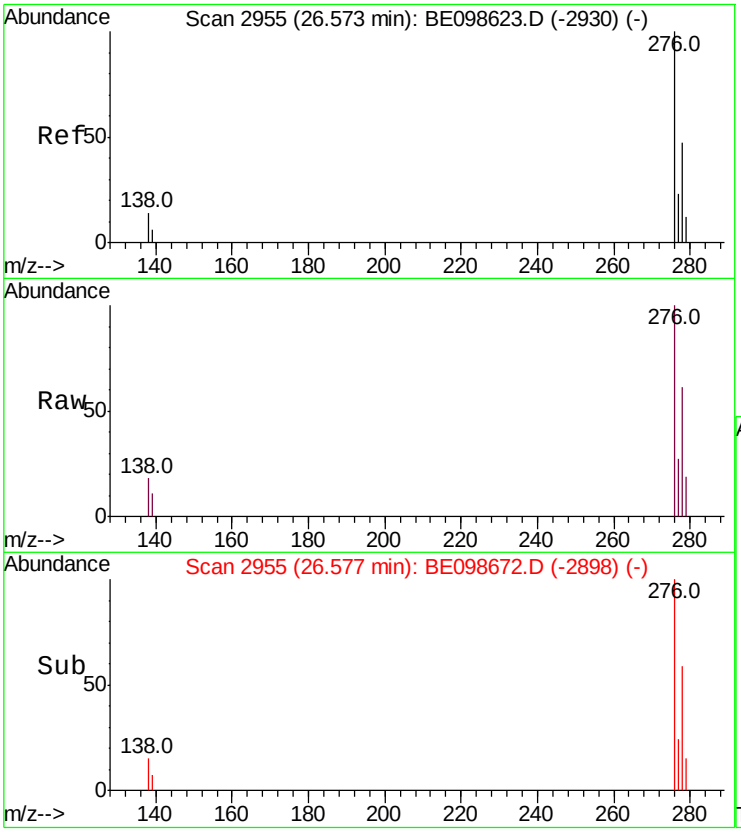


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.208 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:149 Resp: 7455

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.2	1.0	1.4



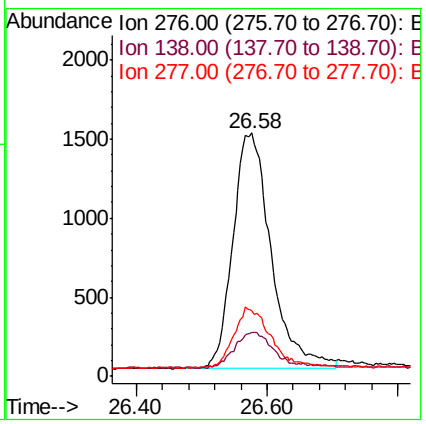


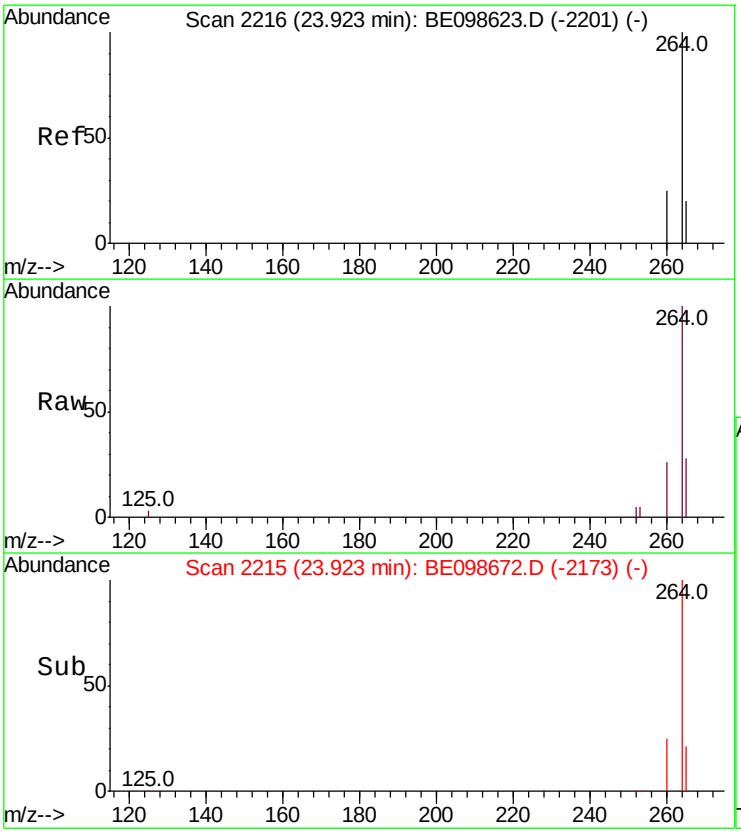
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 26.58 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6064

Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.3	19.9
277	24.0	19.4	29.0

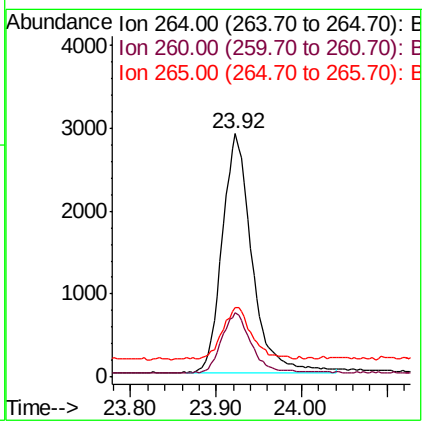


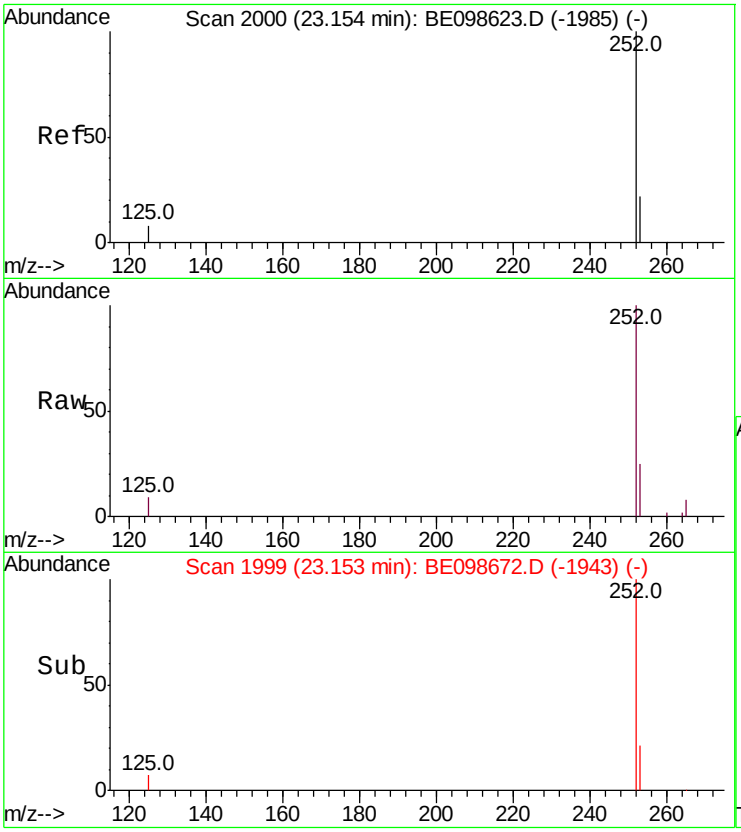


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:264 Resp: 6952

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	28.5	22.3	33.5



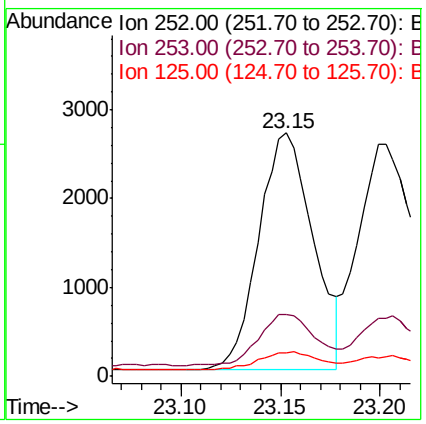


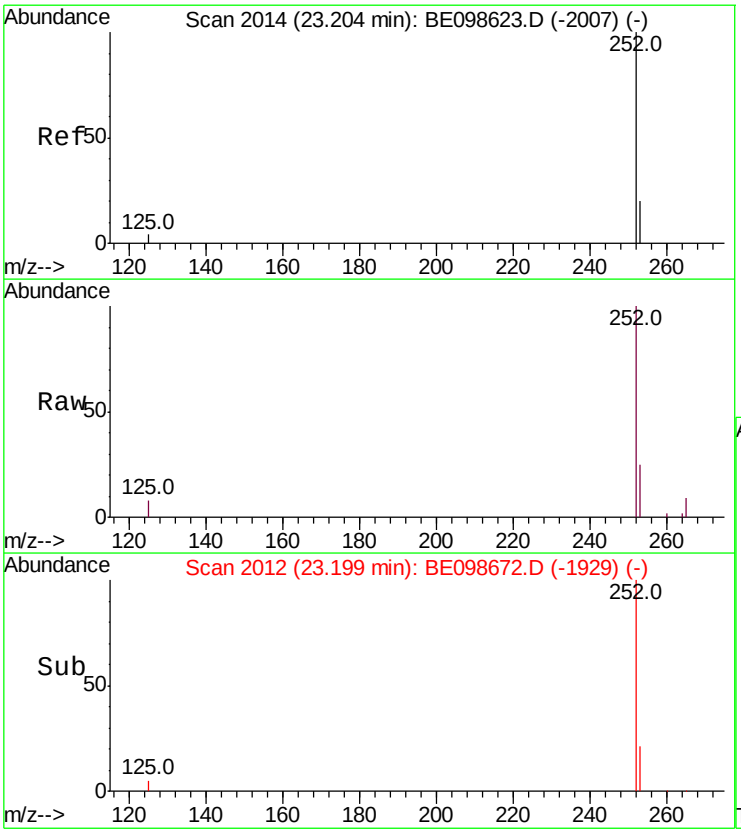
#35
Benzo(b)fluoranthene
Concen: 0.267 ng
RT: 23.15 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5059

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.0
125	9.5	8.2	12.4

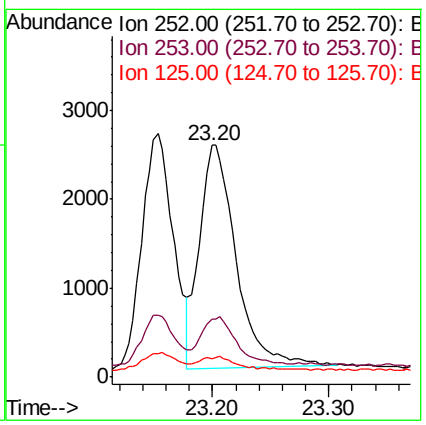


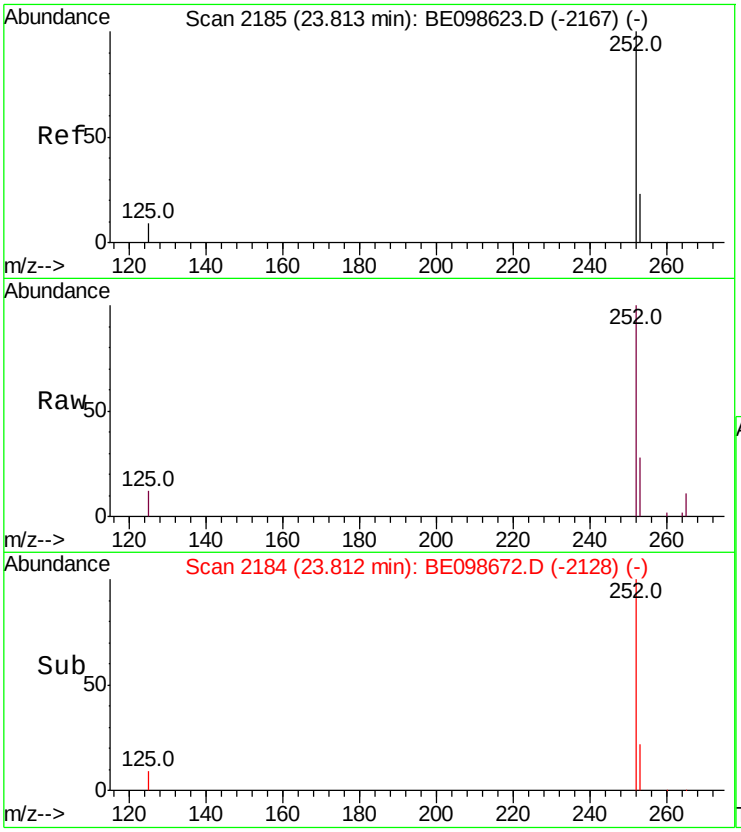


#36
Benzo(k)fluoranthene
Concen: 0.264 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:252 Resp: 5472

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.4
125	8.2	7.0	10.4



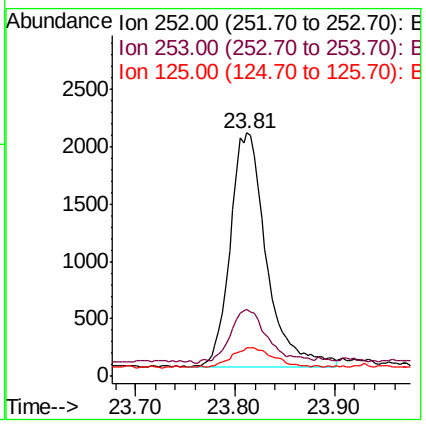


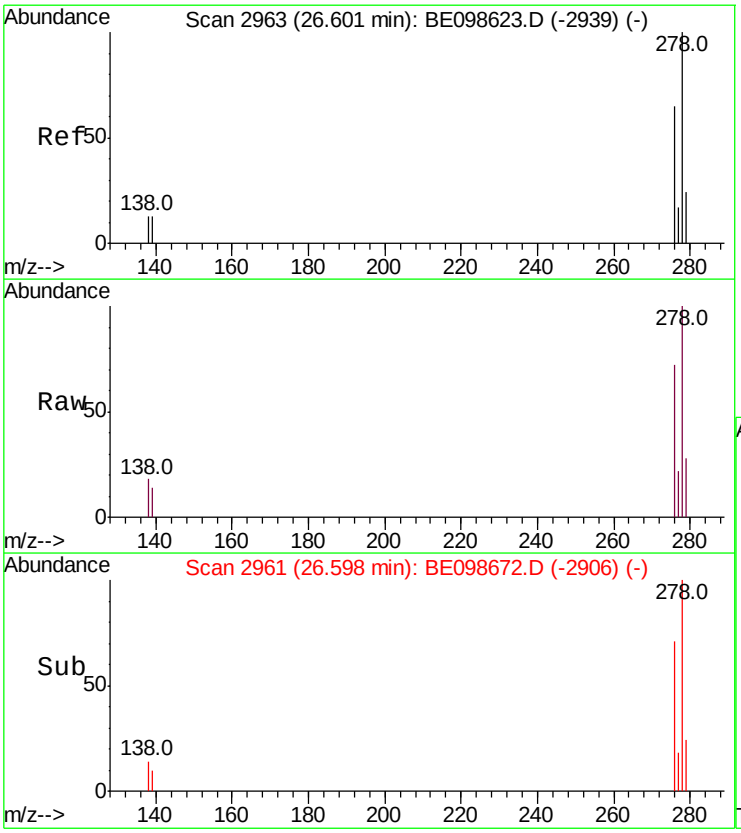
#37
Benzo(a)pyrene
Concen: 0.276 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5141

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.0	31.4
125	11.6	9.2	13.8

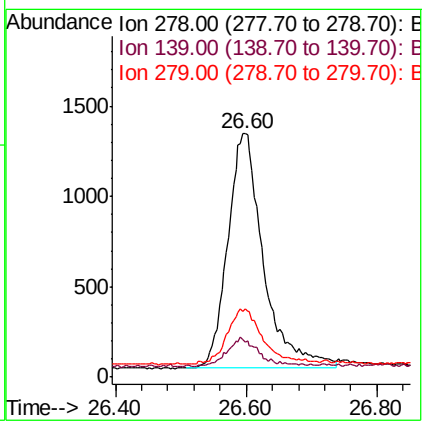


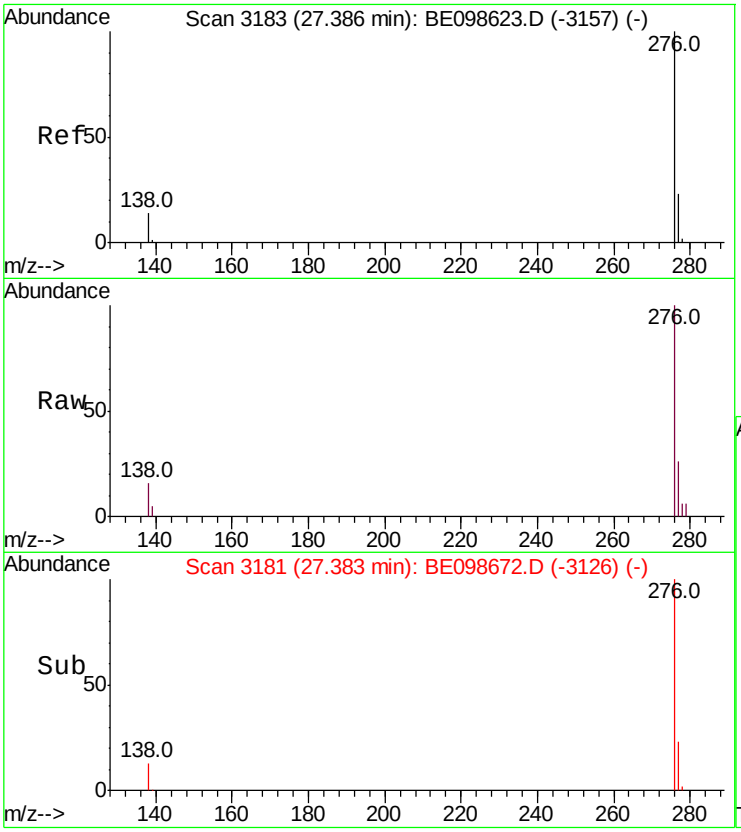


#38
Dibenzo(a,h)anthracene
Concen: 0.302 ng
RT: 26.60 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:278 Resp: 4975

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.7	19.1
279	28.1	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.296 ng
RT: 27.38 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5355

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.3	30.5
138	16.5	13.3	19.9