Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098276.D
Acq On : 29 Nov 2018 16:27
Operator : SJ/JU
Sample : J6047-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 29 17:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1450	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5889	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3560	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8267	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9805	0.40	ng	0.00
34) Perylene-d12	24.01	264	9592	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1111	0.29	ng	0.01
5) Phenol-d6	7.05	99	1163	0.21	ng	0.00
8) Nitrobenzene-d5	9.02	82	2588	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	6324	0.66	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	810	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	8394	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	53129	0.48	ng	0.00
29) Terphenyl-d14	19.91	244	11690	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	606	0.223	ng	# 73
3) n-Nitrosodimethylamine	3.68	42	751	0.270	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2039	0.406	ng	89
9) Naphthalene	10.70	128	29230	0.494	ng	99
10) Hexachlorobutadiene	10.99	225	1434	0.378	ng	98
12) 2-Methylnaphthalene	12.34	142	5045	0.514	ng	98
16) Acenaphthylene	14.25	152	8212	0.494	ng	98
17) Acenaphthene	14.59	154	4656	0.470	ng	99
18) Fluorene	15.57	166	6594	0.502	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2256	0.482	ng	95
21) Hexachlorobenzene	16.58	284	2221	0.459	ng	99
22) Pentachlorophenol	16.94	266	1525	0.878	ng	92
23) Phenanthrene	17.31	178	10875	0.530	ng	98
24) Anthracene	17.41	178	10169	0.532	ng	100
26) Fluoranthene	19.34	202	13763	0.491	ng	99
28) Pyrene	19.70	202	14172	0.522	ng	99
30) Benzo(a)anthracene	21.45	228	14896	0.516	ng	98
31) Chrysene	21.50	228	14604	0.498	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	38927	0.563	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	15800	0.533	ng	99
35) Benzo(b)fluoranthene	23.28	252	15109	0.537	ng	98
36) Benzo(k)fluoranthene	23.28	252	15109	0.512	ng	99
37) Benzo(a)pyrene	23.90	252	14347	0.530	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	13194	0.514	ng	98
39) Benzo(g,h,i)perylene	27.53	276	13665	0.531	ng	99

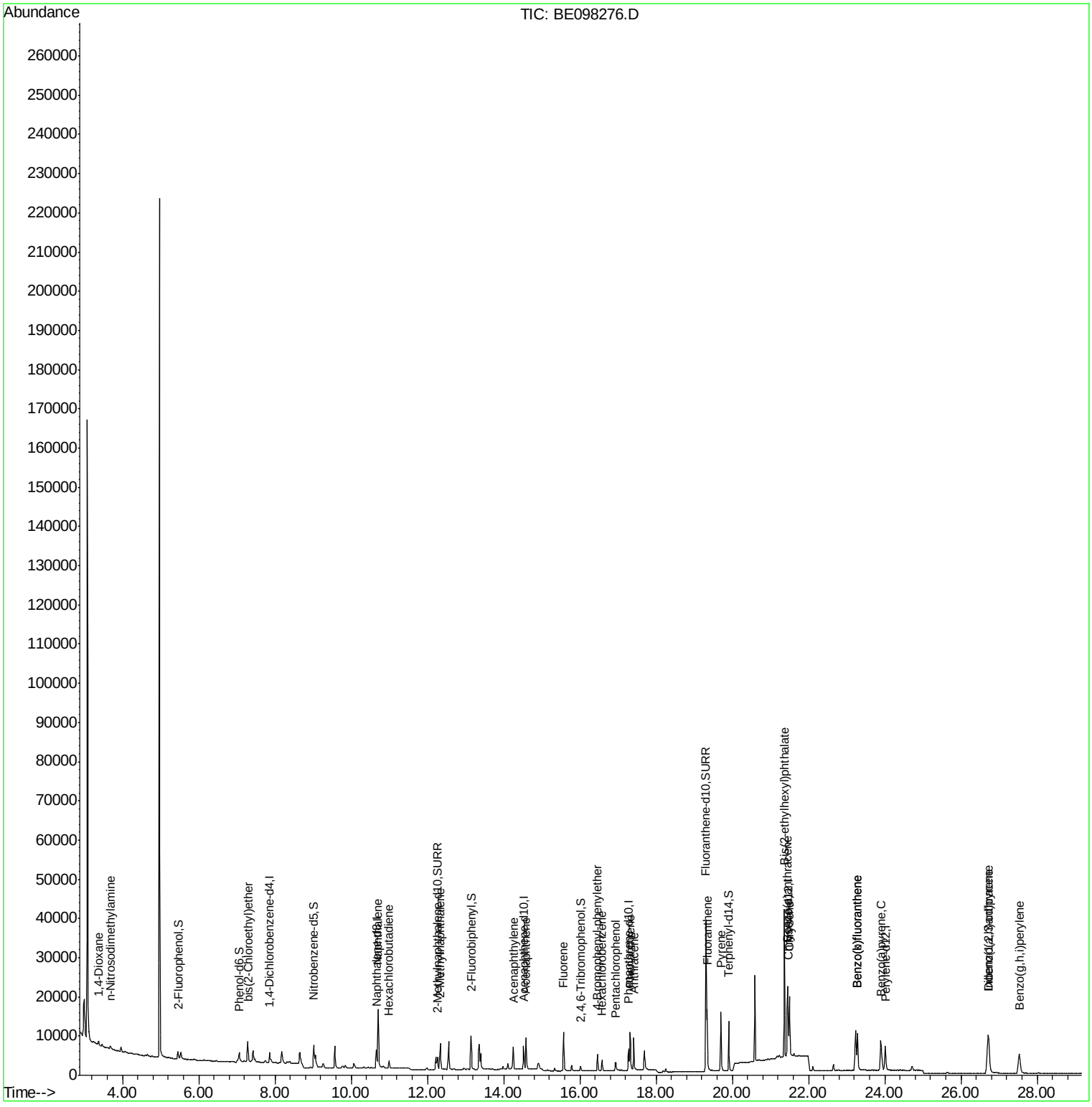
(#) = qualifier out of range (m) = manual integration (+) = signals summed

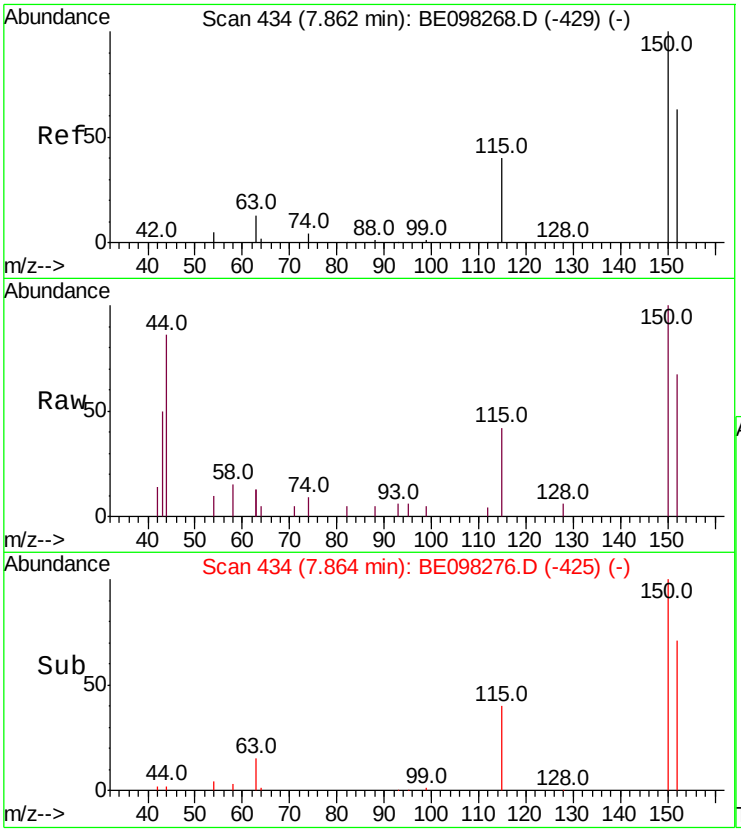
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098276.D
Acq On : 29 Nov 2018 16:27
Operator : SJ/JU
Sample : J6047-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 29 17:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration



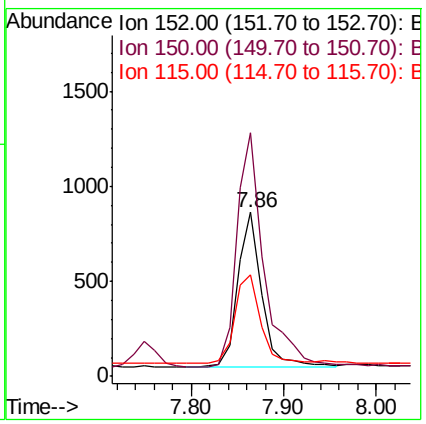


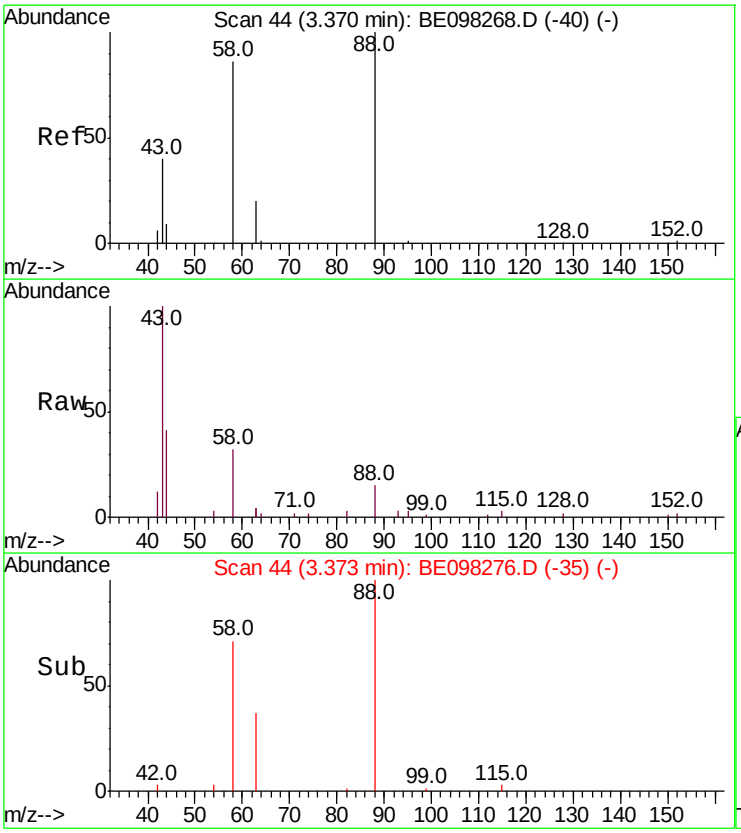
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1450

Ion	Ratio	Lower	Upper
152	100		
150	148.4	124.2	186.4
115	61.6	53.9	80.9

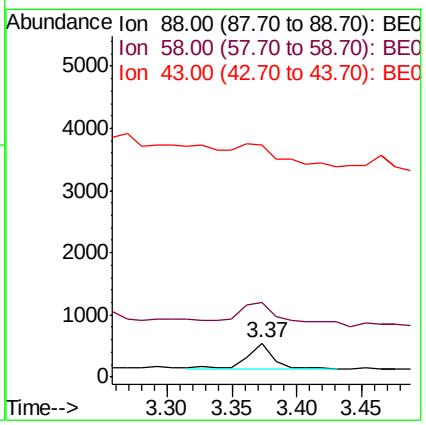


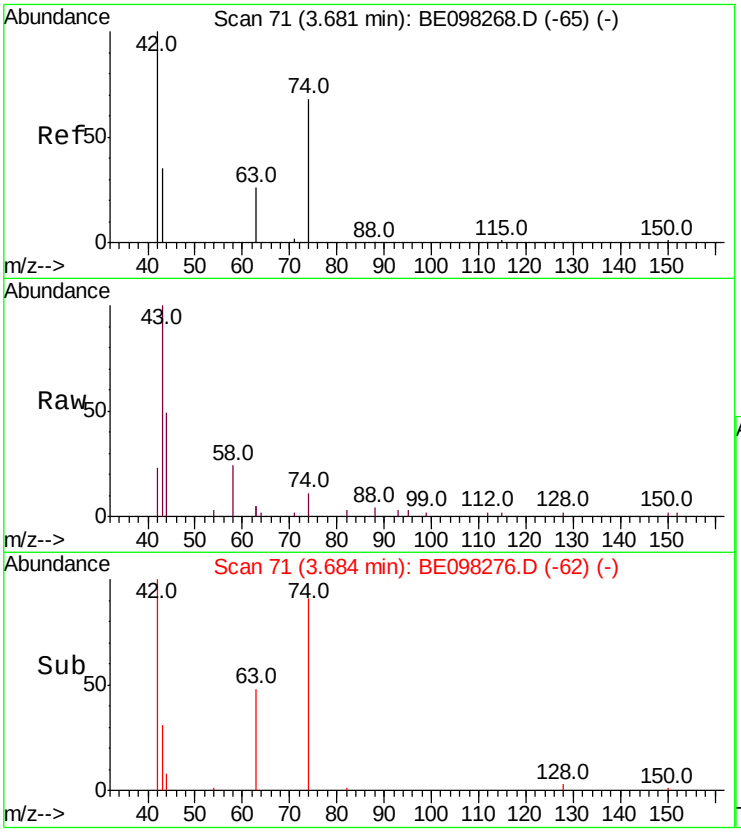


#2
1,4-Dioxane
Concen: 0.223 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion: 88 Resp: 606

Ion	Ratio	Lower	Upper
88	100		
58	90.1	75.0	112.6
43	0.0	38.3	57.5#



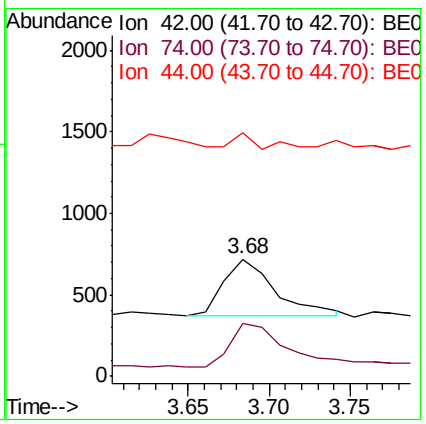


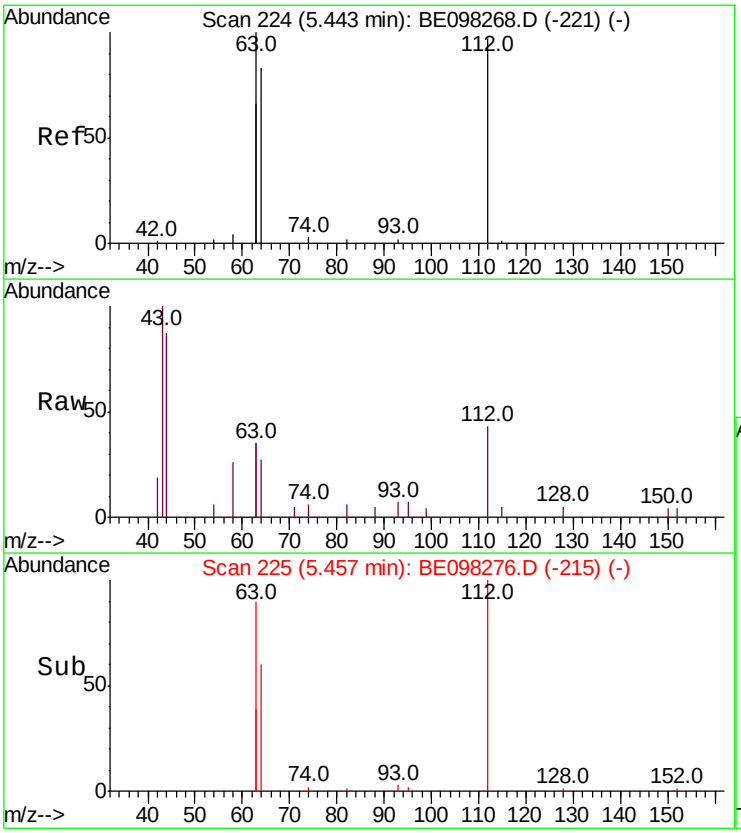
#3
n-Nitrosodimethylamine
Concen: 0.270 ng
RT: 3.68 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 751

Ion	Ratio	Lower	Upper
42	100		
74	82.8	0.0	0.0#
44	10.1	0.0	0.0#

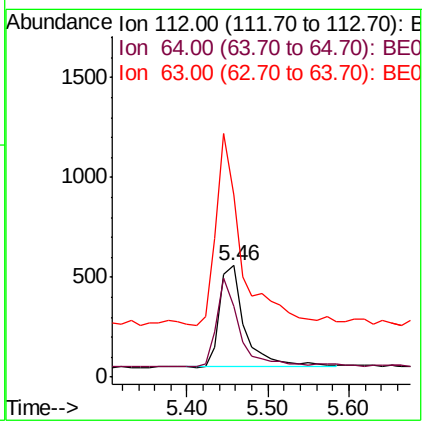


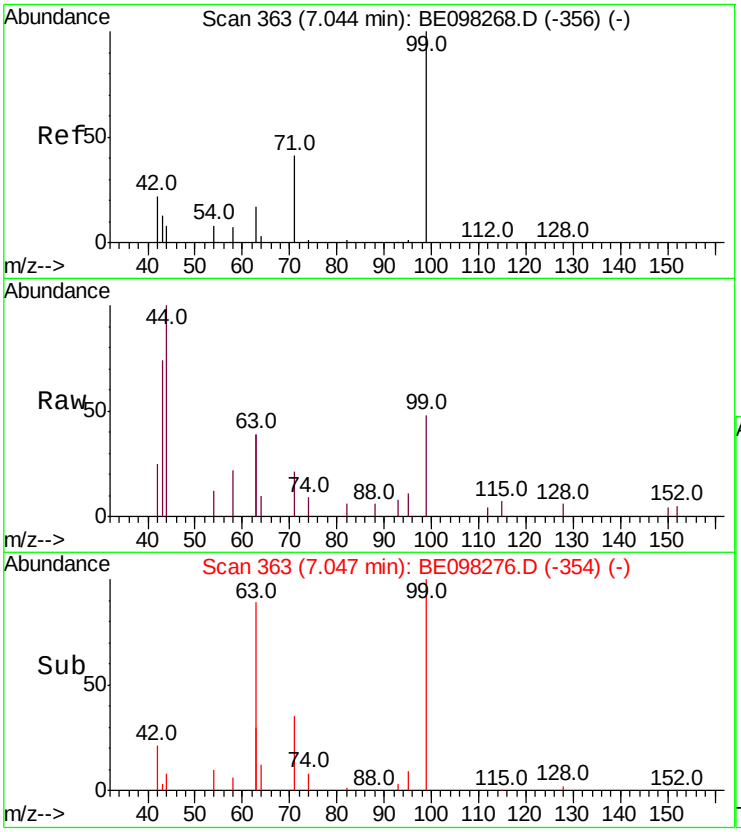


#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:112 Resp: 1111

Ion	Ratio	Lower	Upper
112	100		
64	77.9	59.8	89.8
63	190.2	133.7	200.5



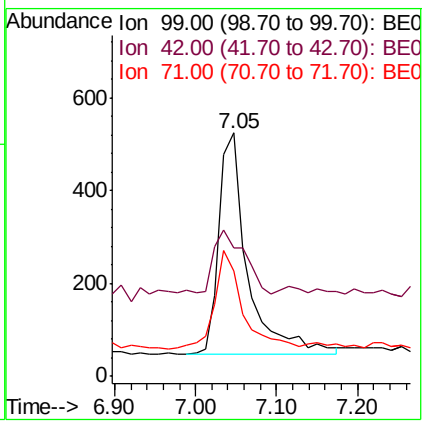


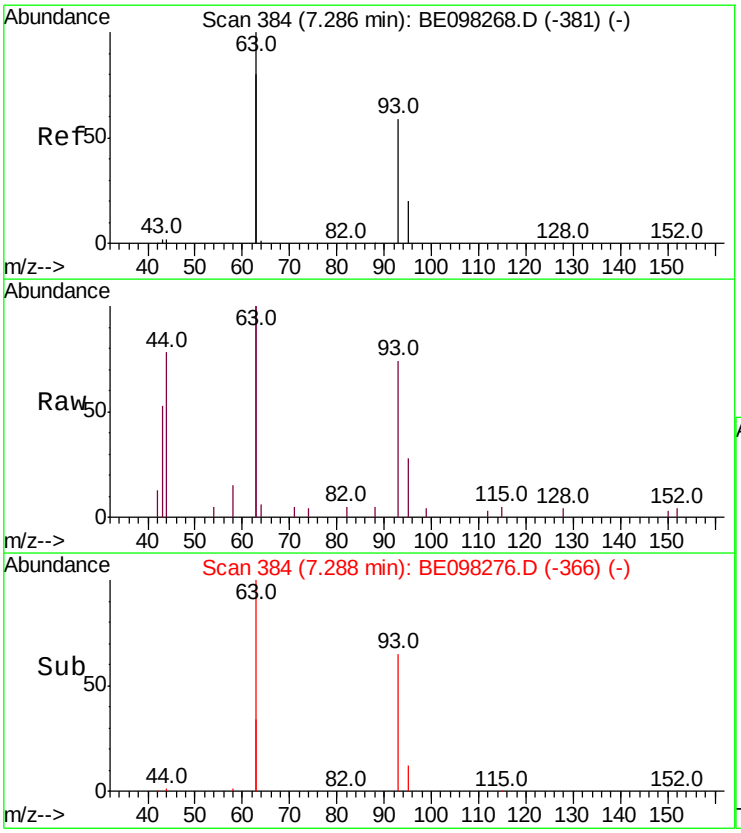
#5
Phenol-d6
Concen: 0.213 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1163

Ion	Ratio	Lower	Upper
99	100		
42	30.2	26.3	39.5
71	44.0	33.6	50.4

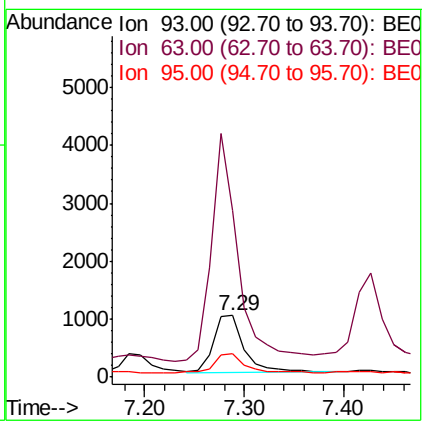


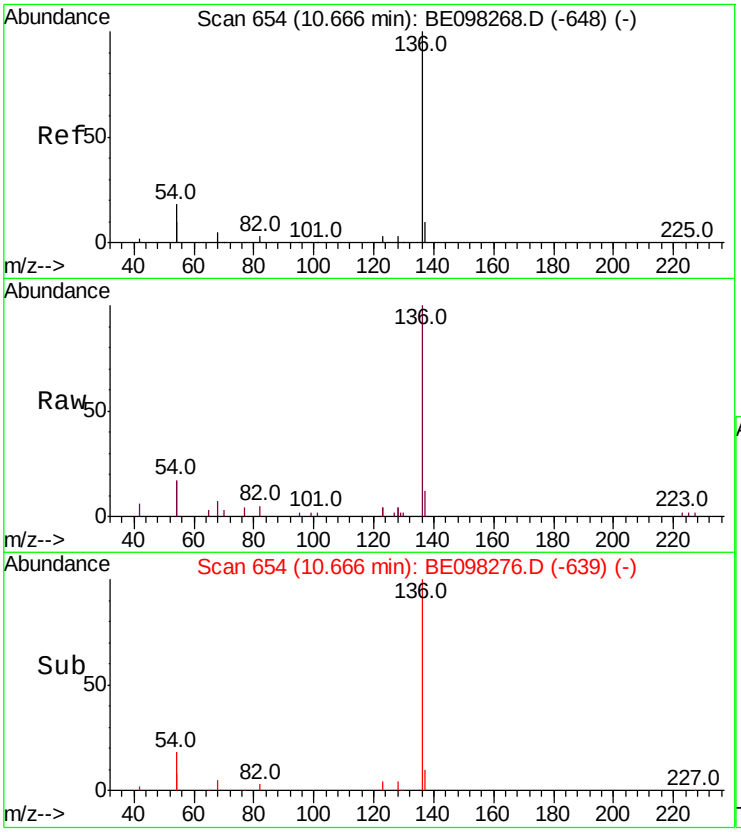


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion: 93 Resp: 2039

Ion	Ratio	Lower	Upper
93	100		
63	356.3	264.4	396.6
95	32.5	26.6	40.0



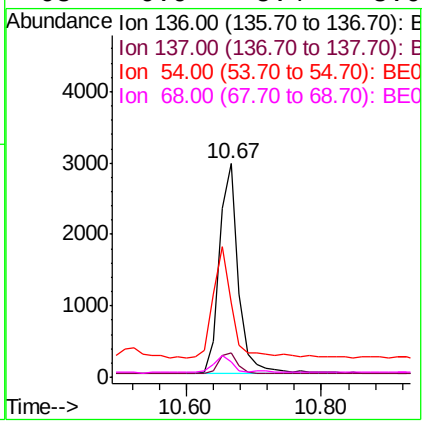


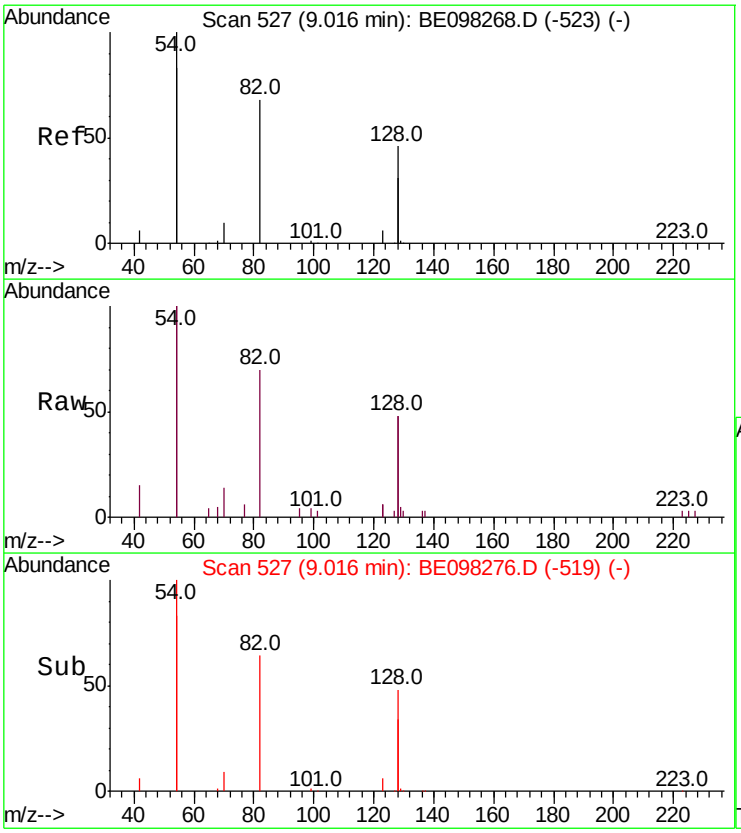
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5889

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	34.9	28.4	42.6
68	6.9	5.4	8.0

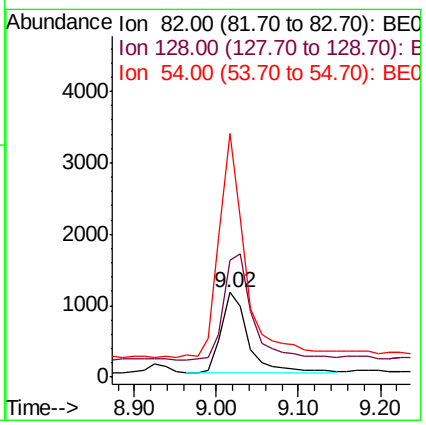


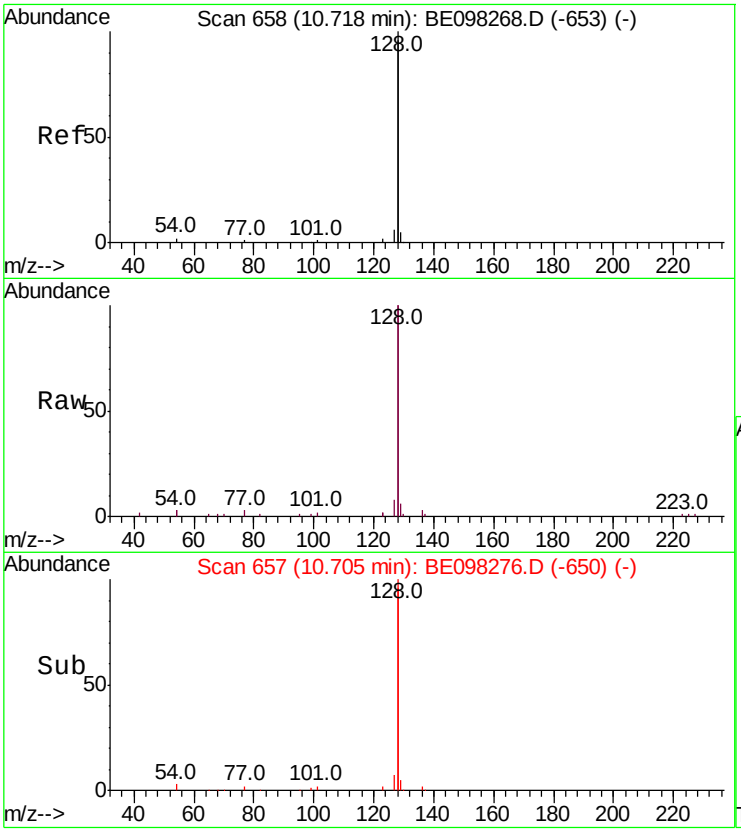


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion: 82 Resp: 2588

Ion	Ratio	Lower	Upper
82	100		
128	138.2	102.4	153.6
54	287.6	221.8	332.8



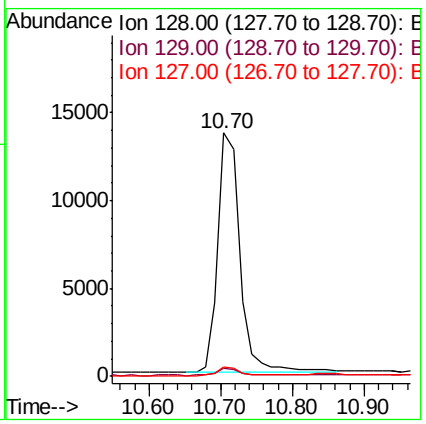


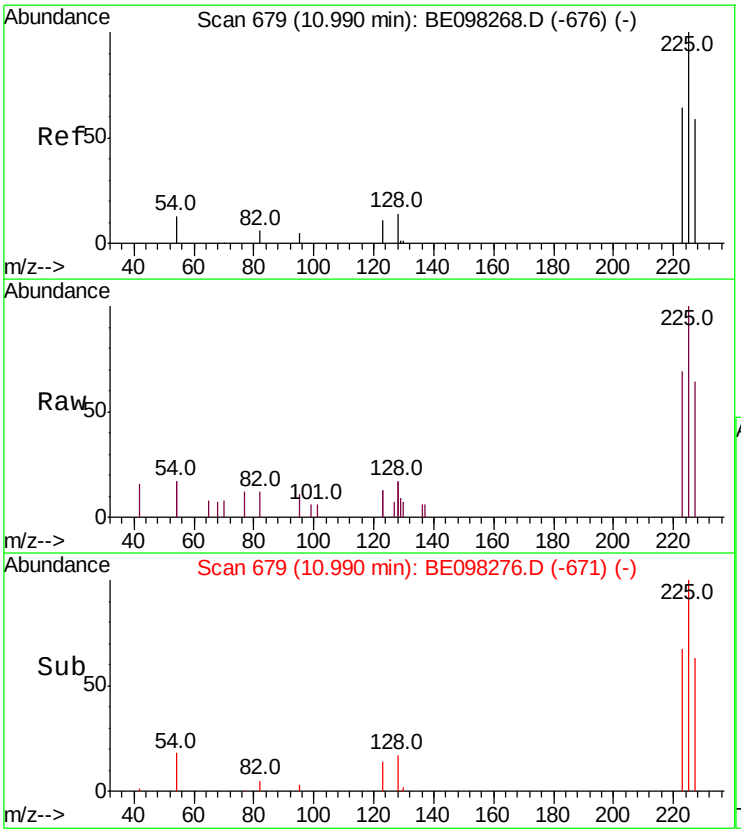
#9
Naphthalene
Concen: 0.494 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 29230

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.8	2.7	4.1

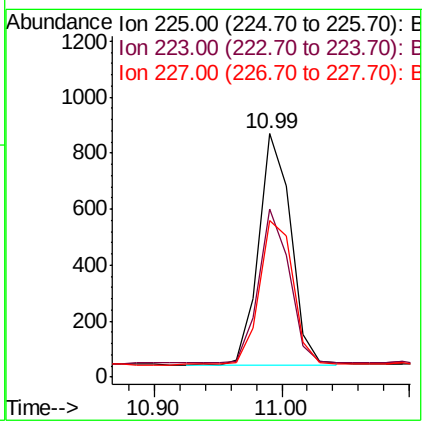


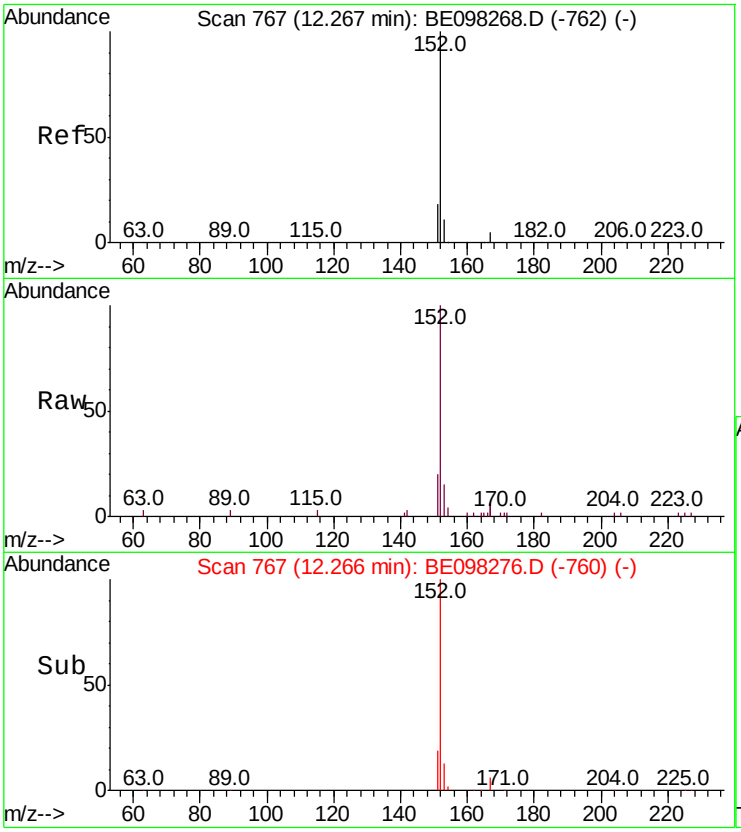


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:225 Resp: 1434

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	65.8	52.0	78.0



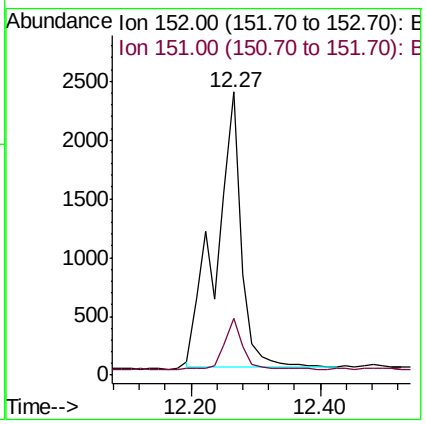


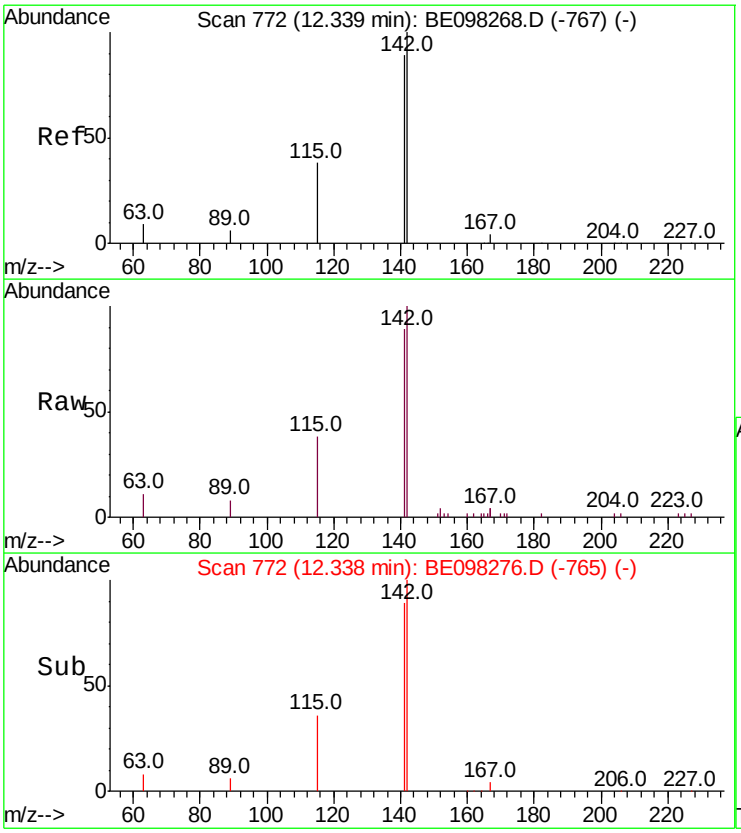
#11
2-Methylnaphthalene-d10
Concen: 0.661 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6324

Ion	Ratio	Lower	Upper
152	100		
151	12.7	16.2	24.4#

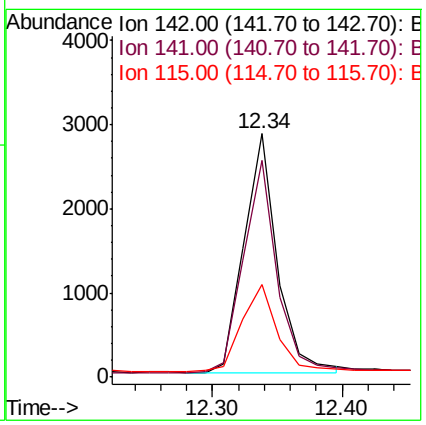


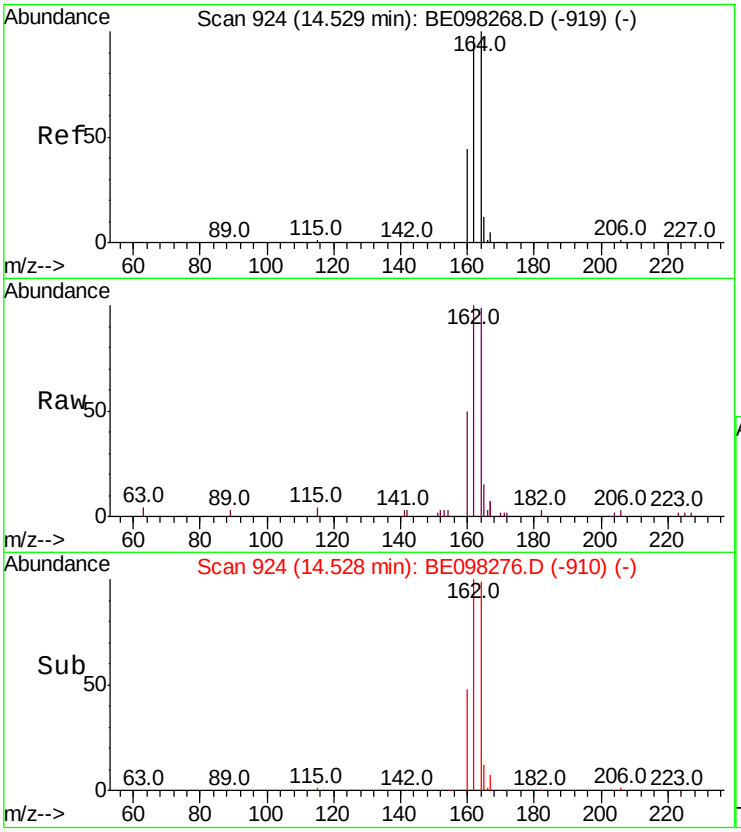


#12
2-Methylnaphthalene
Concen: 0.514 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:142 Resp: 5045

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	37.8	32.2	48.2



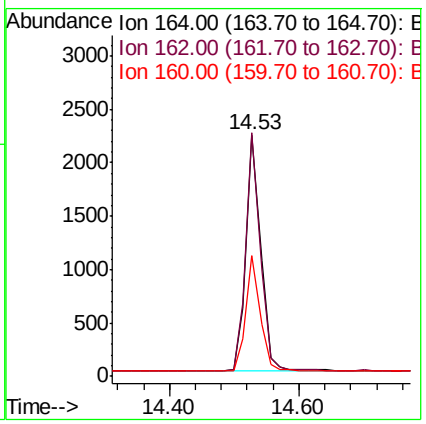


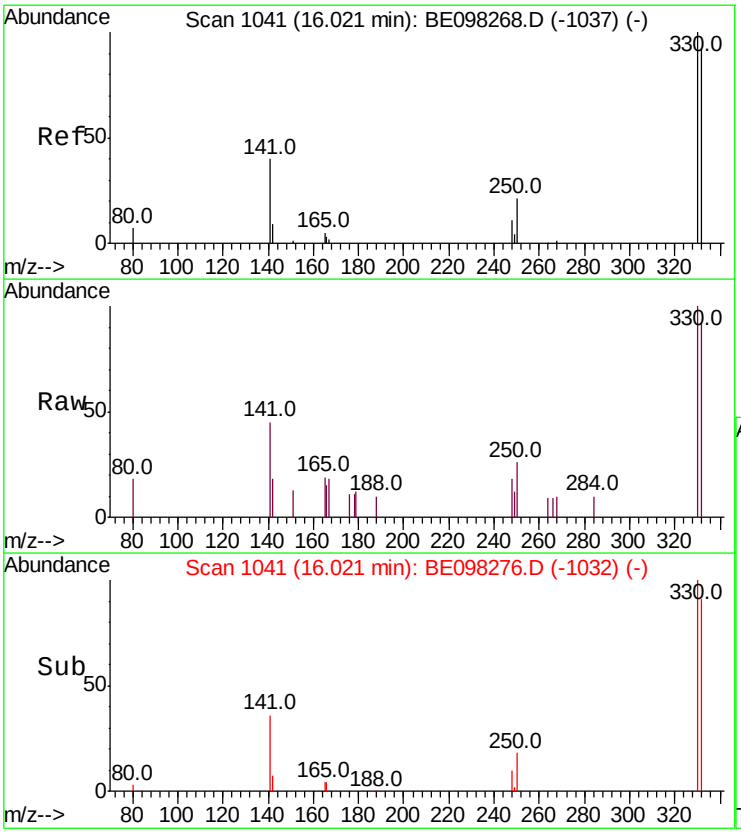
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3560

Ion	Ratio	Lower	Upper
164	100		
162	100.8	77.6	116.4
160	49.9	36.0	54.0

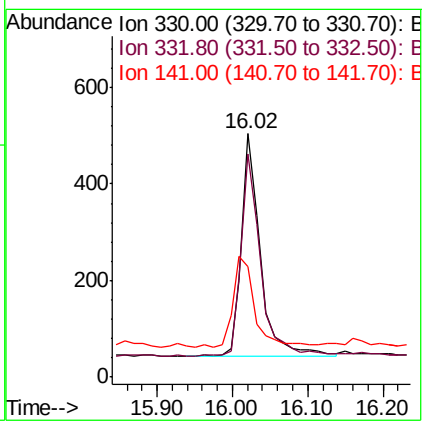


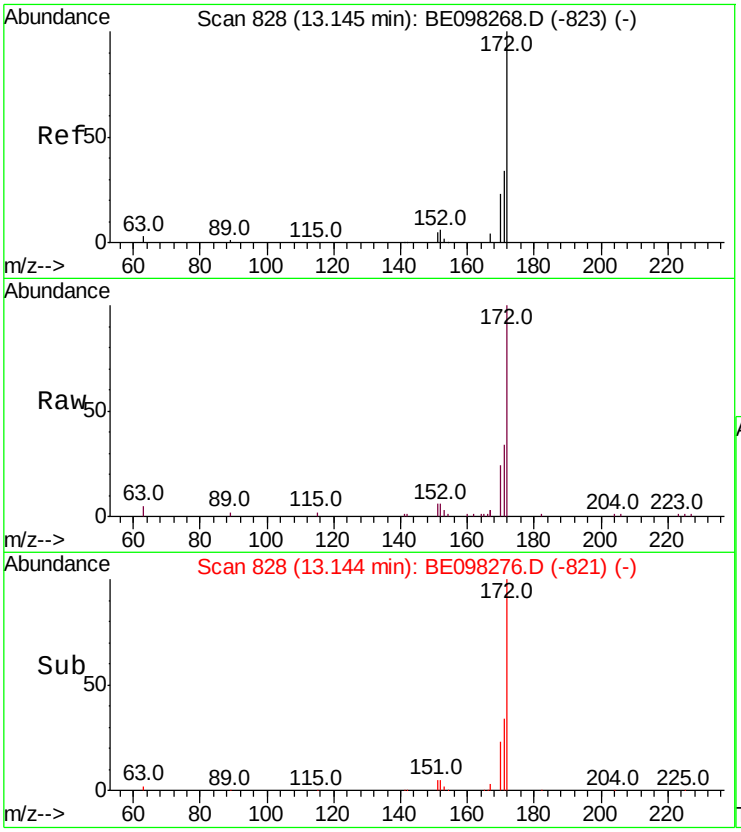


#14
2,4,6-Tribromophenol
Concen: 0.480 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:330 Resp: 810

Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.2	114.4
141	48.3	39.0	58.4



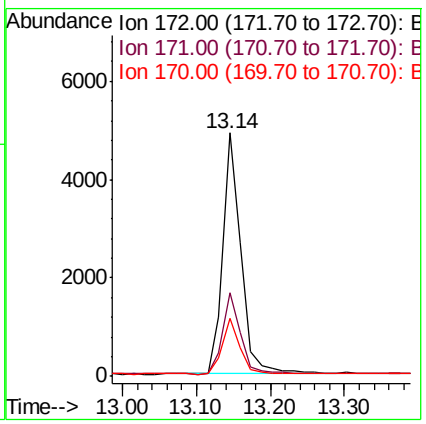


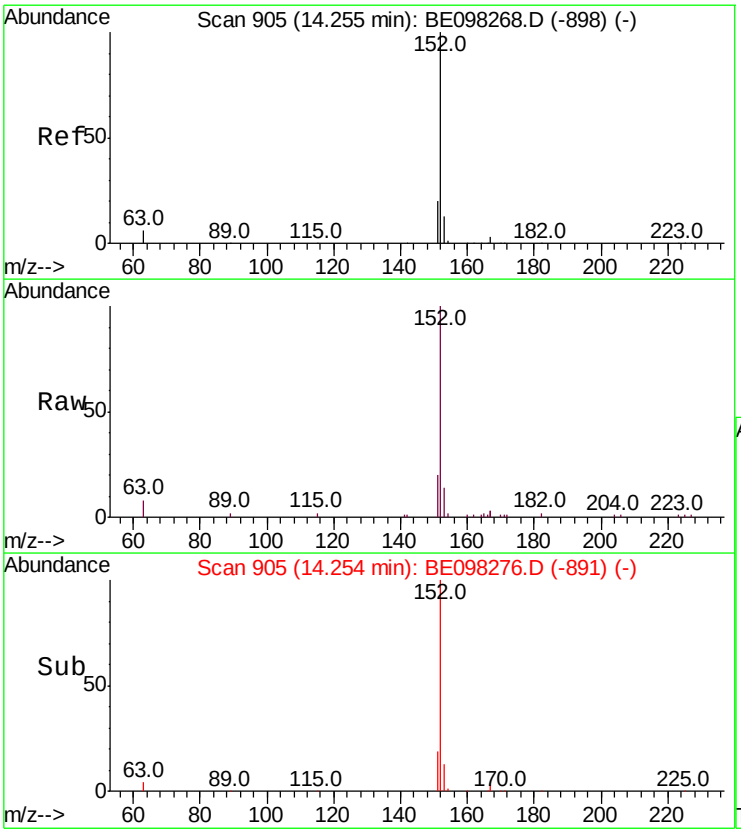
#15
2-Fluorobiphenyl
Concen: 0.569 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 8394

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	24.0	19.6	29.4

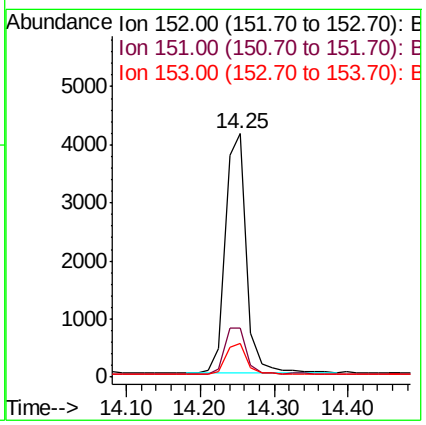


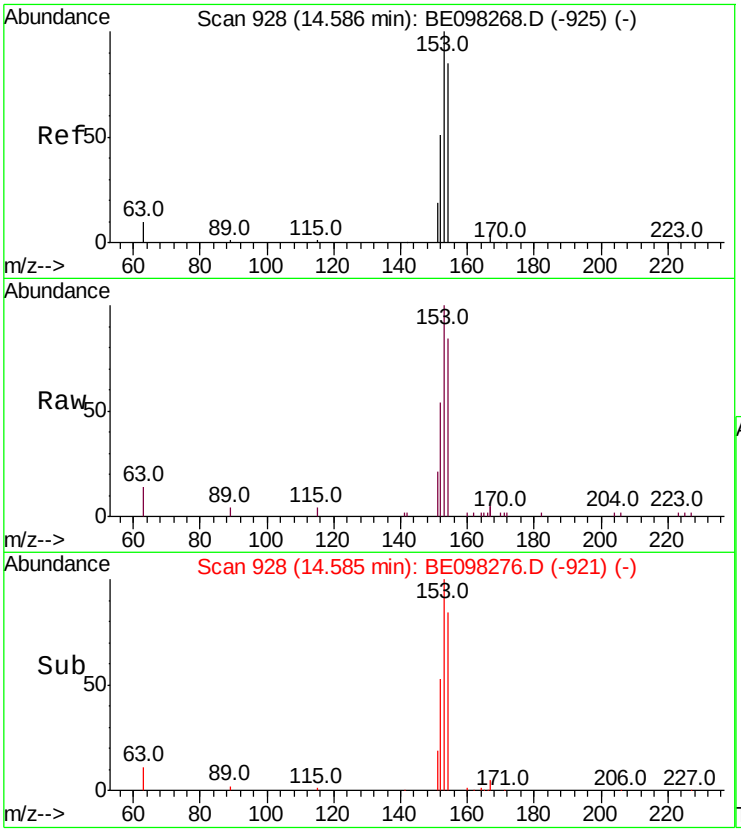


#16
Acenaphthylene
Concen: 0.494 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:152 Resp: 8212

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.5	23.3
153	12.7	10.6	16.0



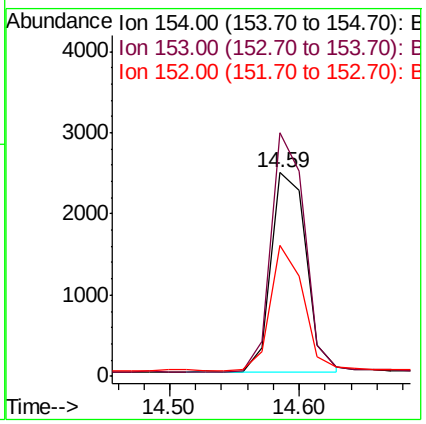


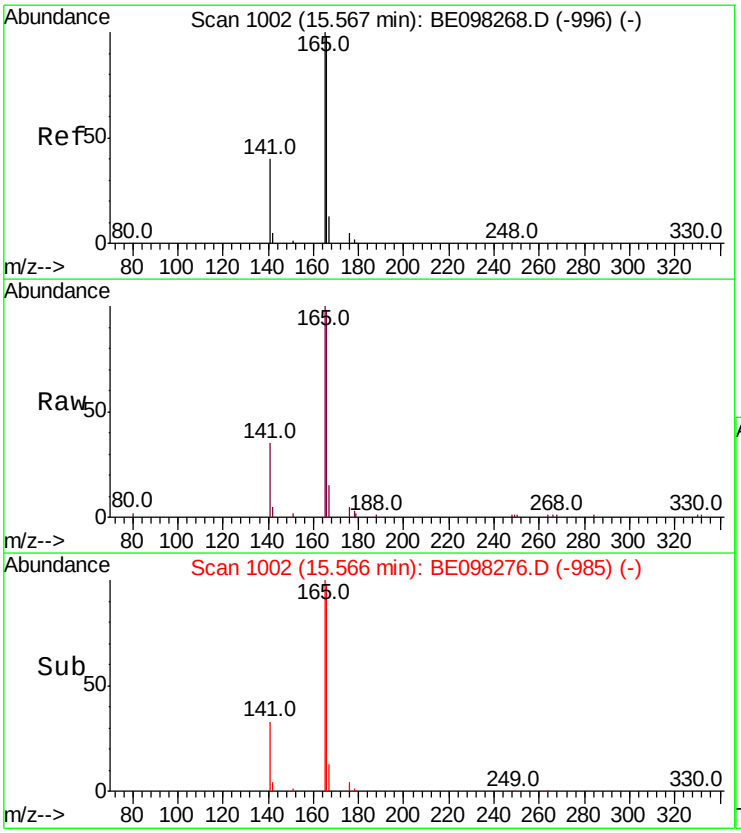
#17
Acenaphthene
Concen: 0.470 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4656

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.8	137.6
152	58.2	45.5	68.3

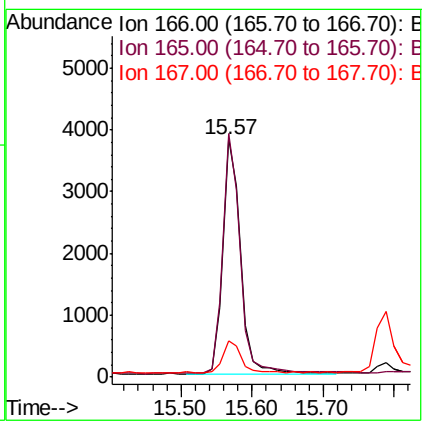


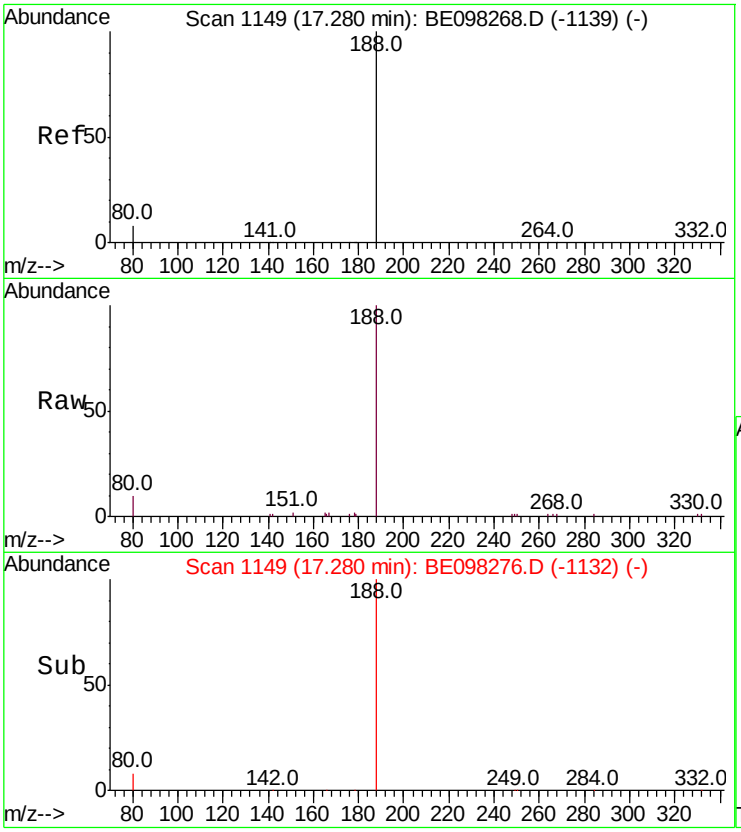


#18
Fluorene
Concen: 0.502 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:166 Resp: 6594

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.3	118.9
167	13.7	11.3	16.9



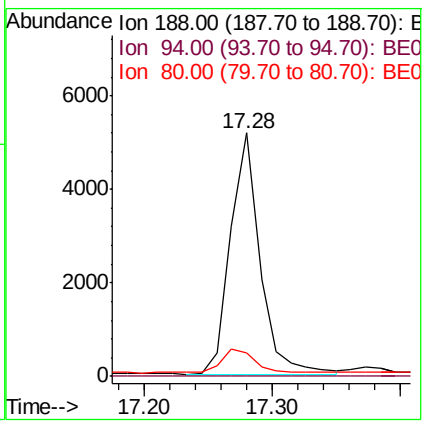


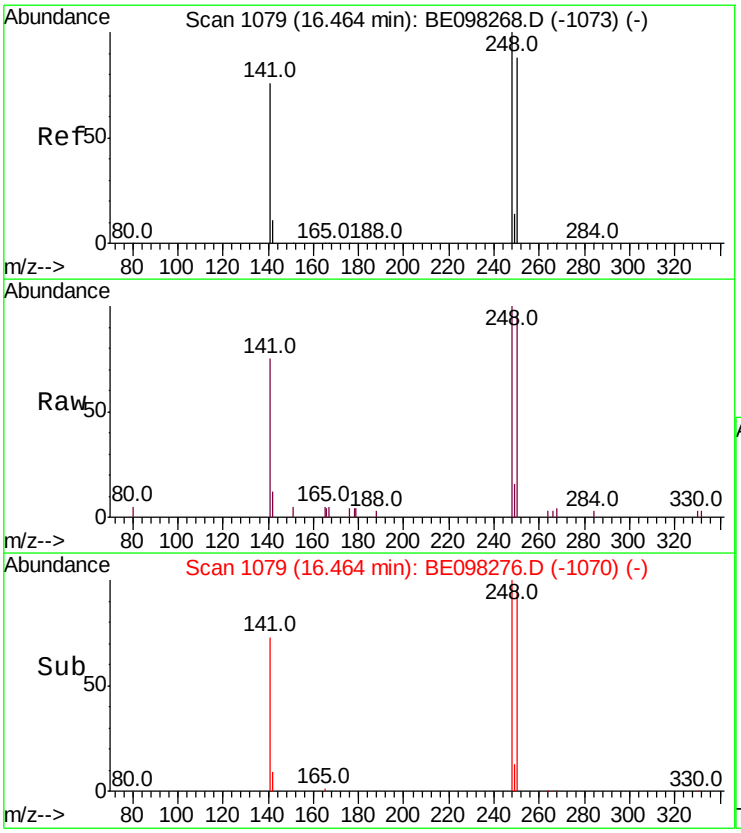
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8267

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.2	10.8

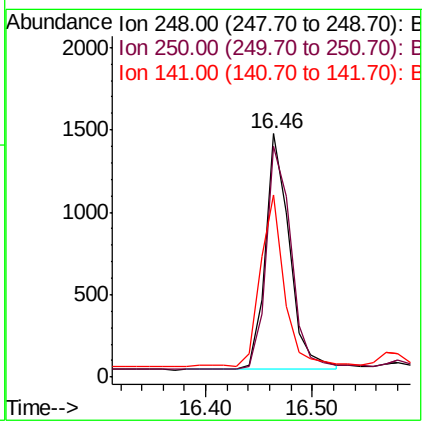


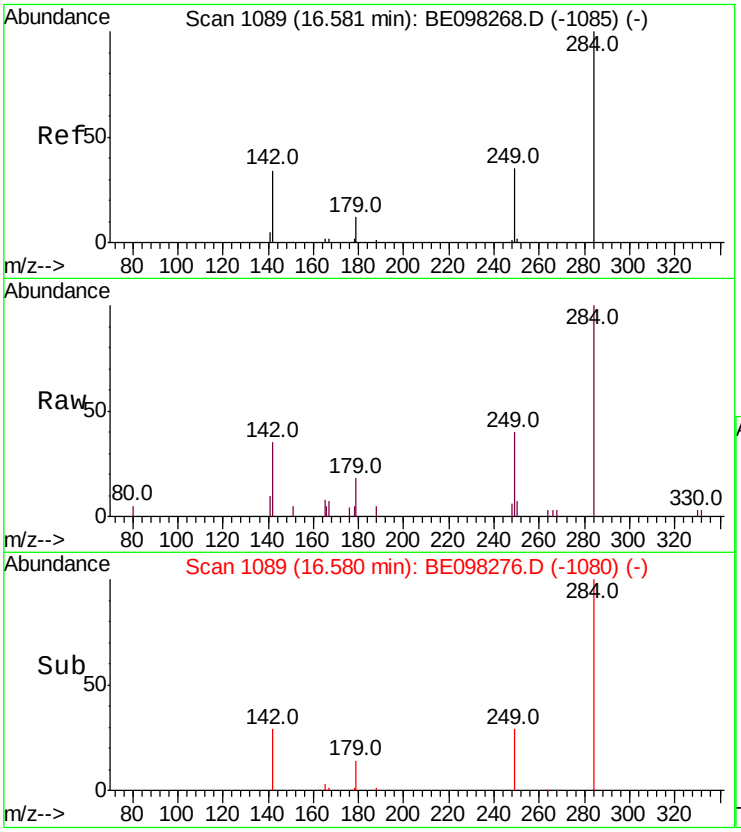


#20
4-Bromophenyl-phenylether
Concen: 0.482 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:248 Resp: 2256

Ion	Ratio	Lower	Upper
248	100		
250	94.9	71.0	106.6
141	74.9	62.1	93.1



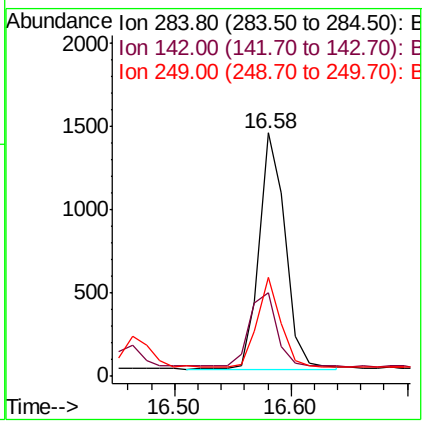


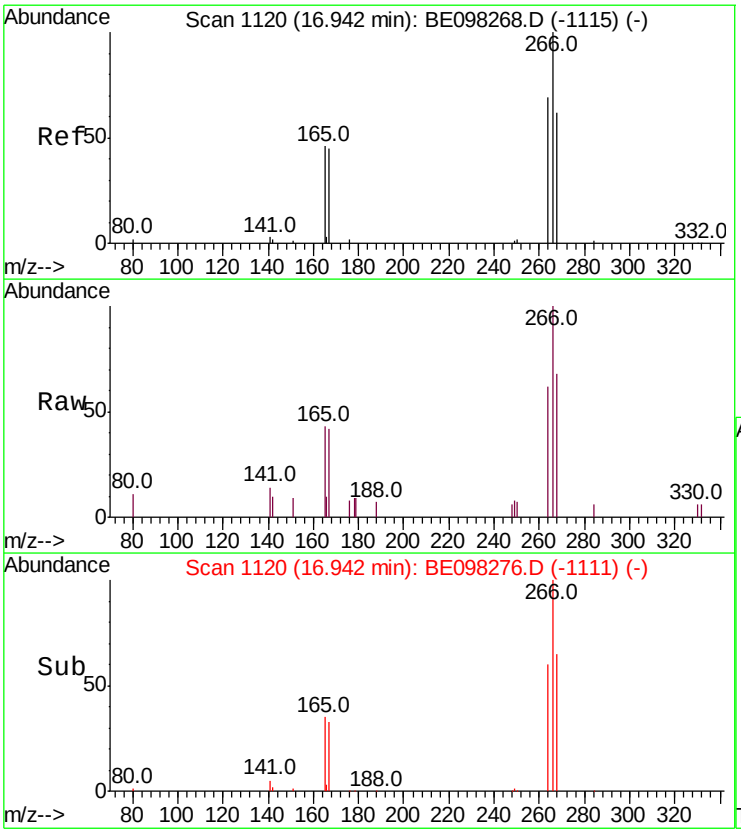
#21
Hexachlorobenzene
Concen: 0.459 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2221

Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.3	39.5
249	33.8	26.0	39.0

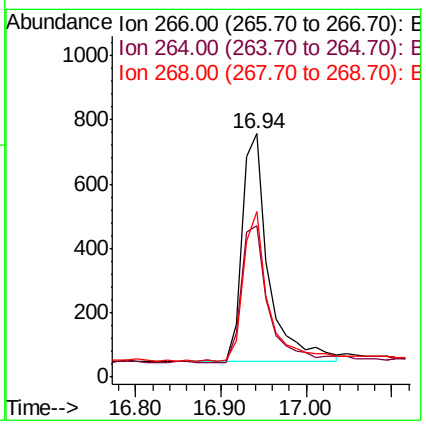


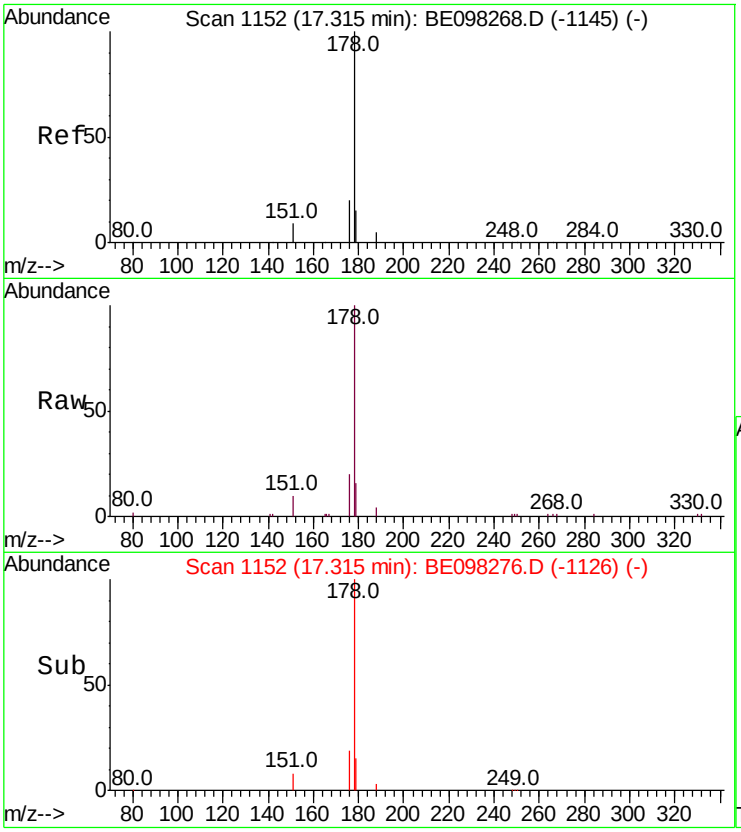


#22
Pentachlorophenol
Concen: 0.878 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:266 Resp: 1525

Ion	Ratio	Lower	Upper
266	100		
264	62.0	59.0	88.4
268	68.2	55.1	82.7



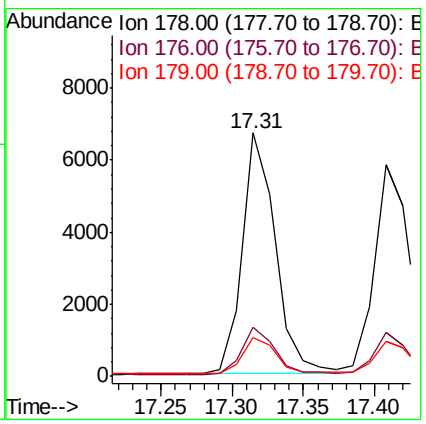


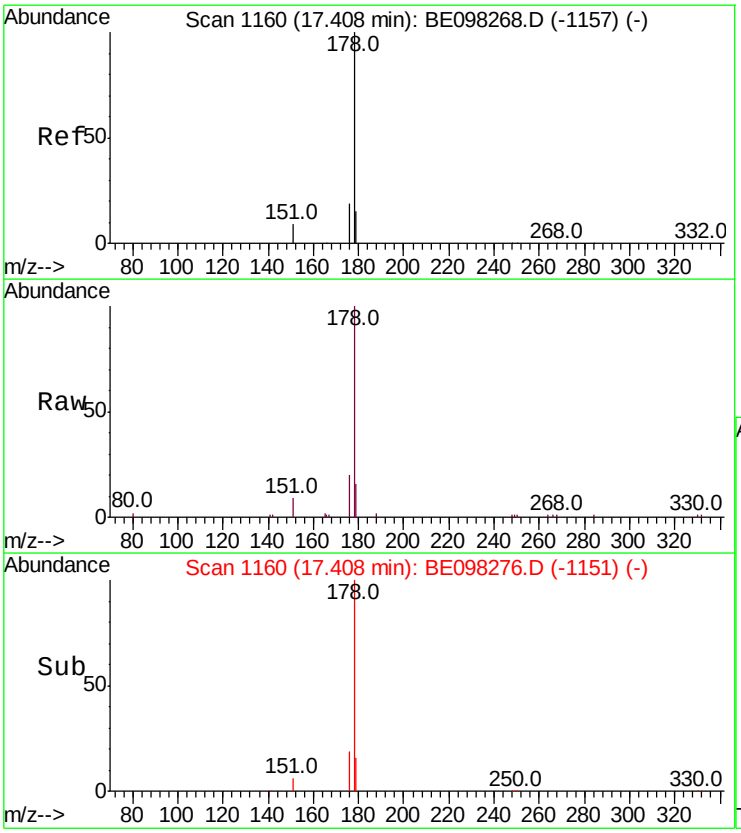
#23
Phenanthrene
Concen: 0.530 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10875

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.2	12.3	18.5

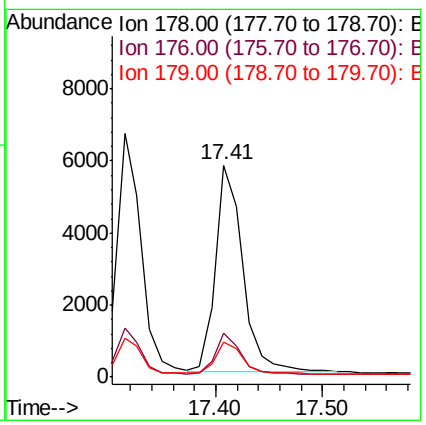


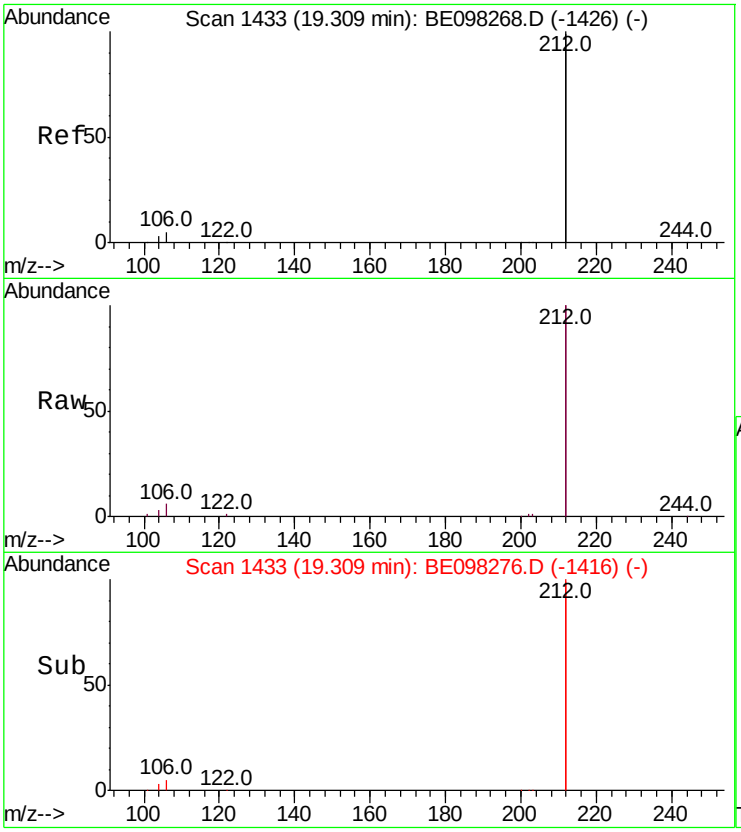


#24
Anthracene
Concen: 0.532 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:178 Resp: 10169

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.3	18.5



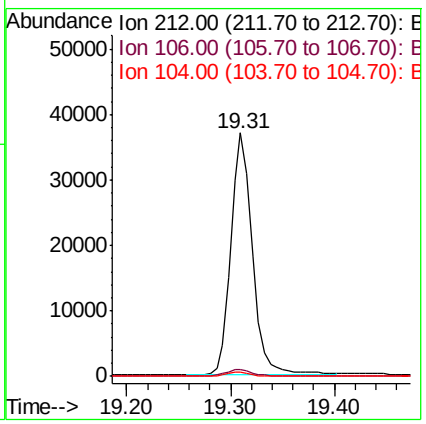


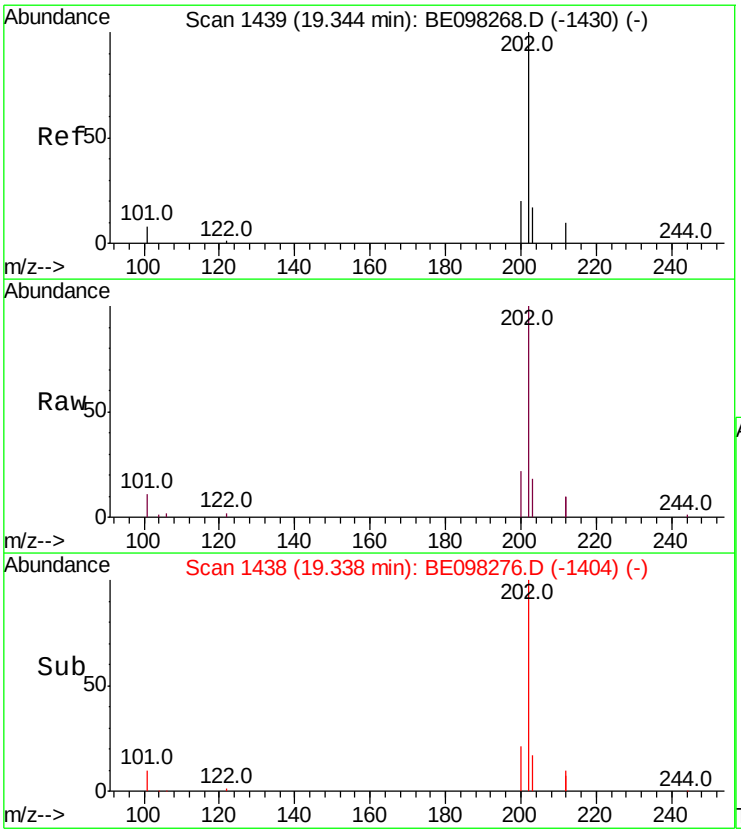
#25
Fluoranthene-d10
Concen: 0.476 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 53129

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9

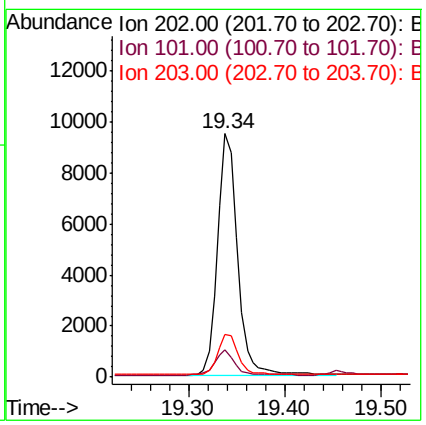


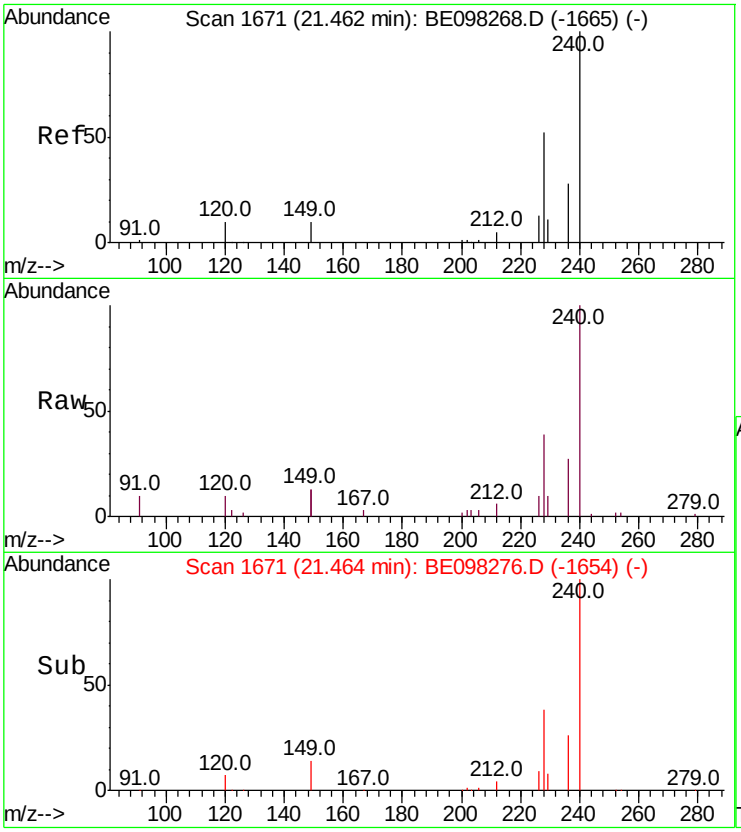


#26
Fluoranthene
Concen: 0.491 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:202 Resp: 13763

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.0	12.0
203	16.7	13.8	20.6



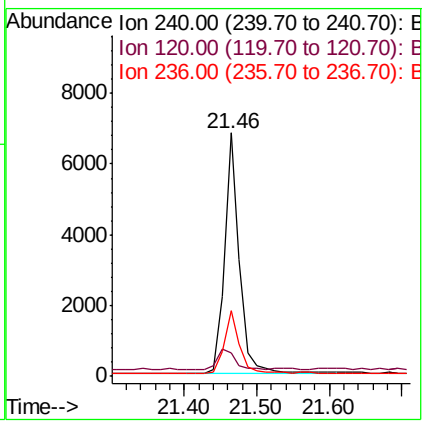


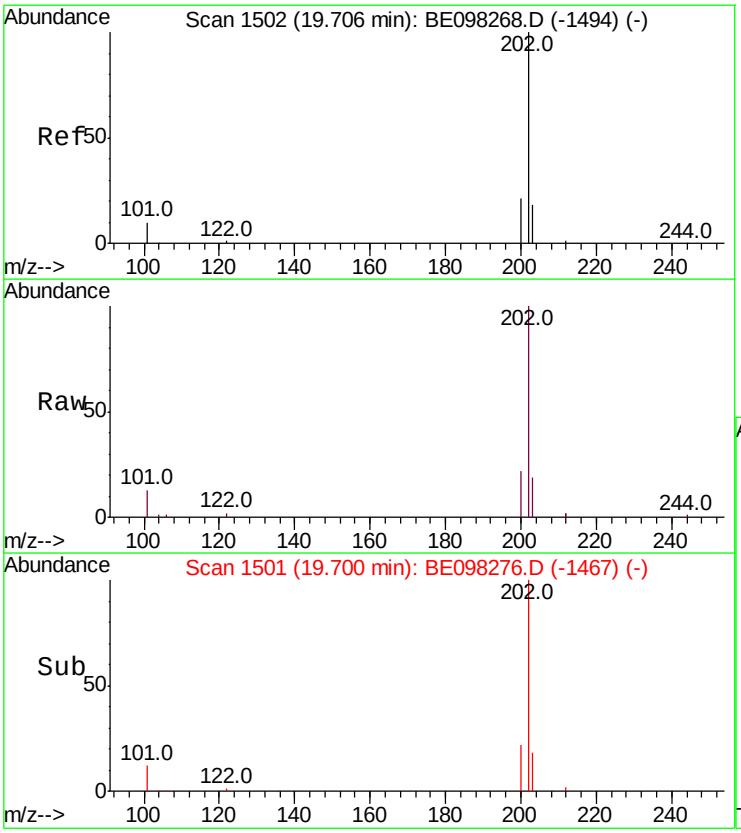
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9805

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	27.1	22.7	34.1

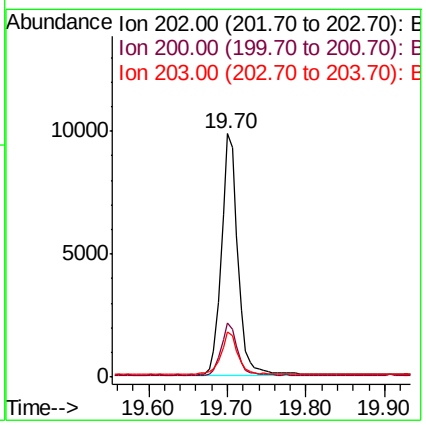


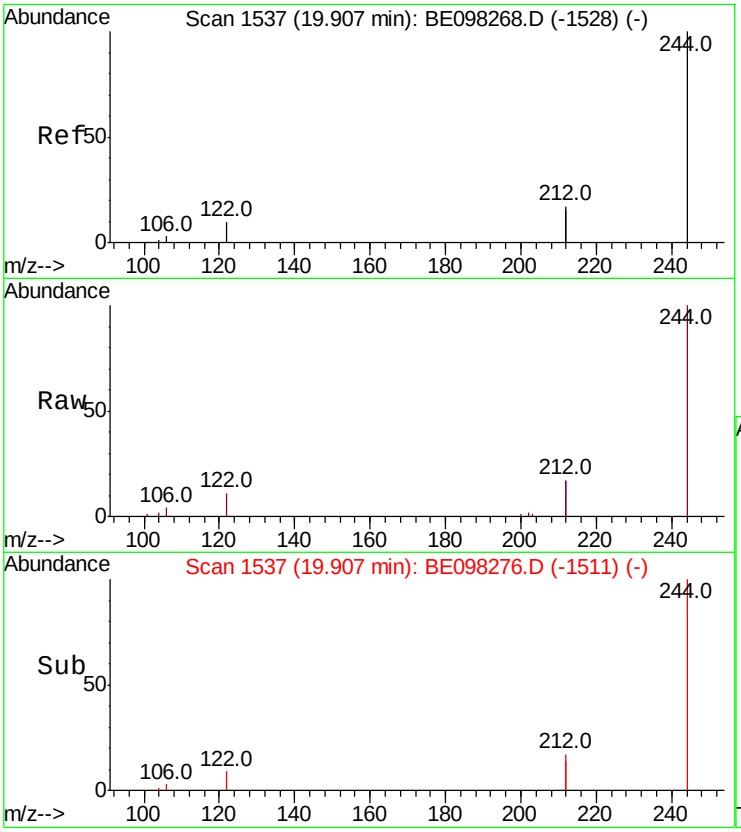


#28
Pyrene
Concen: 0.522 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:202 Resp: 14172

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.0	14.1	21.1



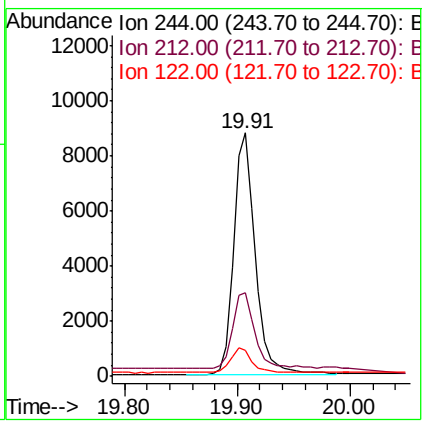


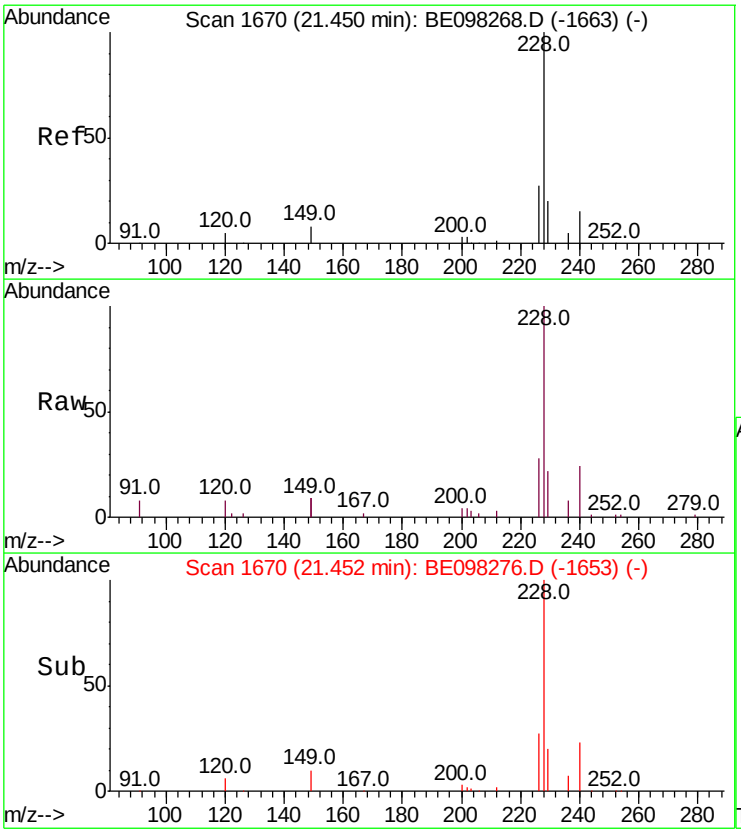
#29
Terphenyl-d14
Concen: 0.530 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 11690

Ion	Ratio	Lower	Upper
244	100		
212	34.6	27.4	41.0
122	10.6	8.3	12.5

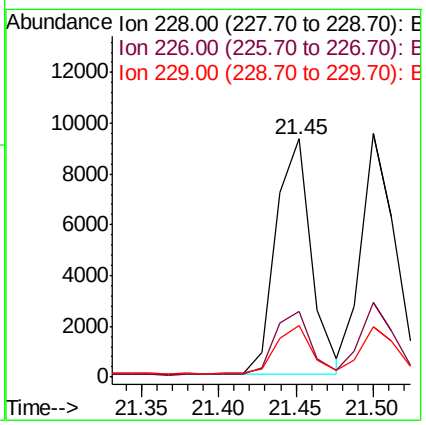


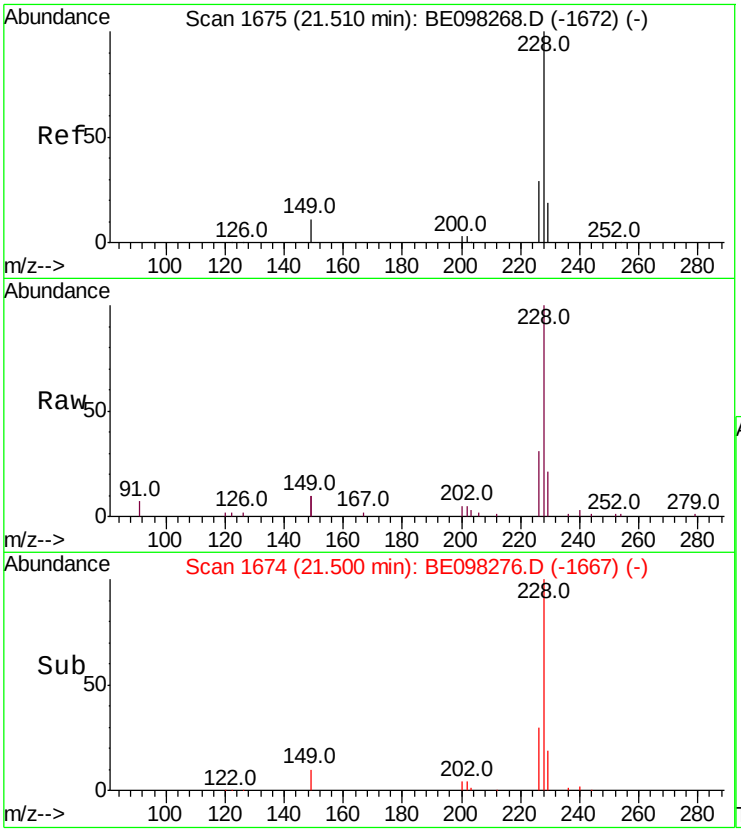


#30
Benzo(a)anthracene
Concen: 0.516 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:228 Resp: 14896

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	21.7	16.3	24.5



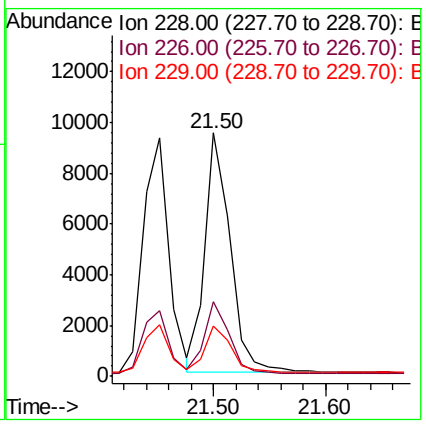


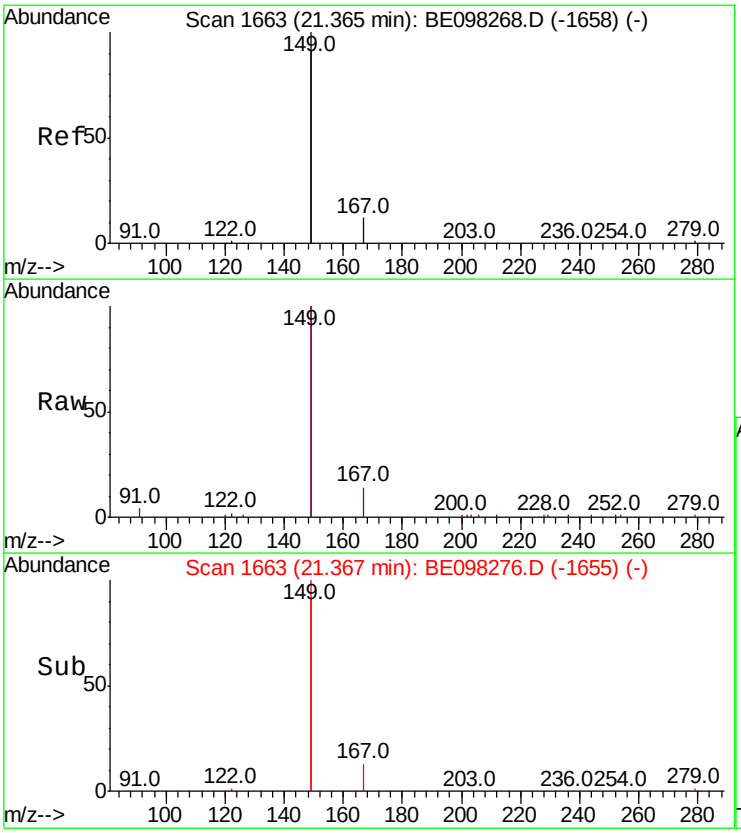
#31
Chrysene
Concen: 0.498 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 14604

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	20.5	16.2	24.4

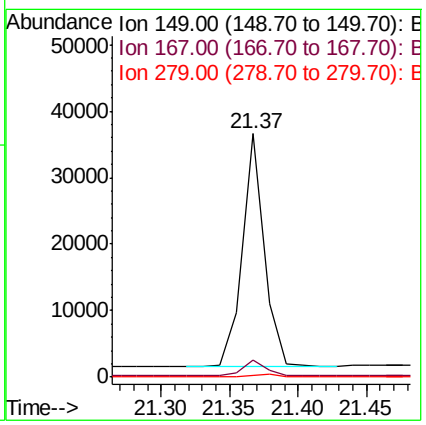


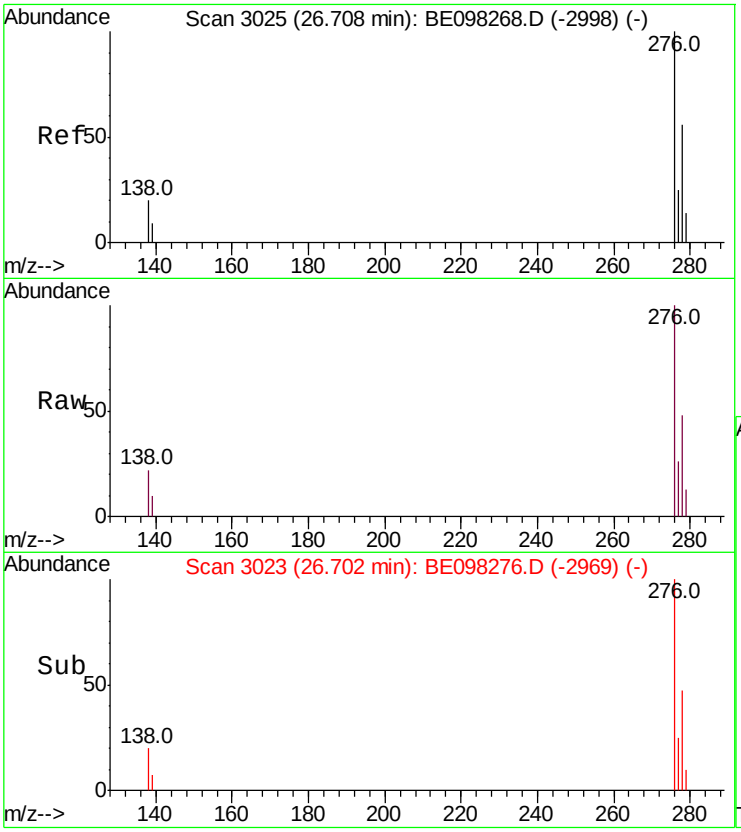


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.563 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:149 Resp: 38927

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.1	1.0	1.4



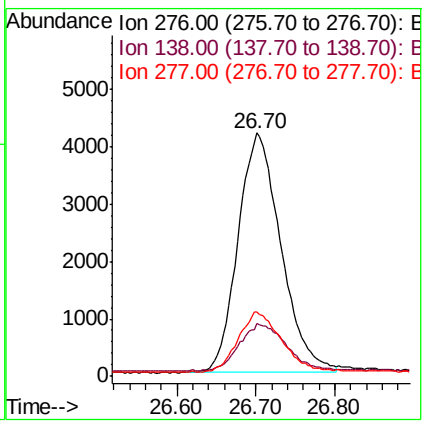


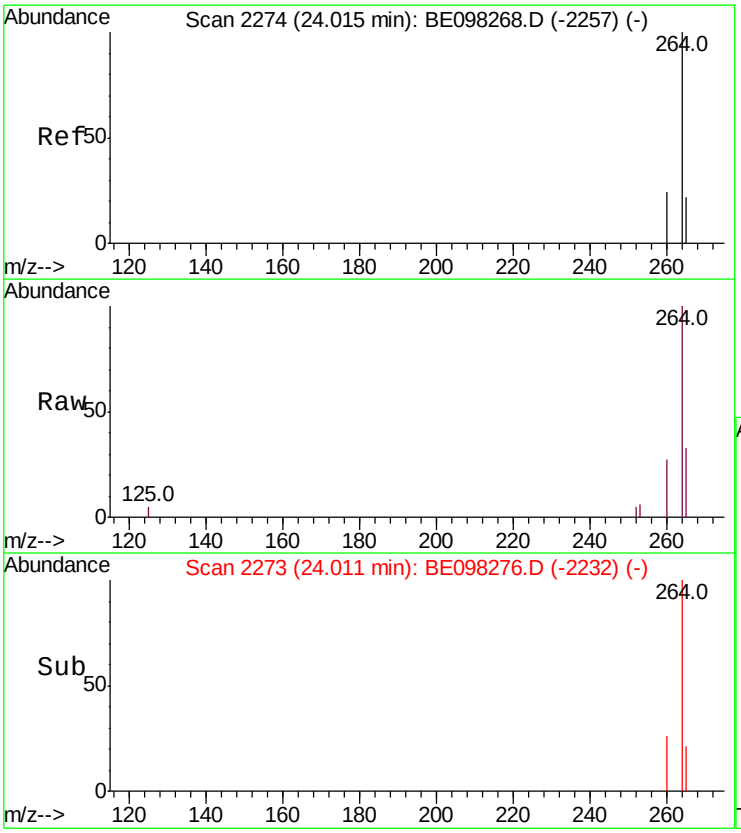
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.533 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.01 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15800

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.3	24.5
277	25.0	20.2	30.4

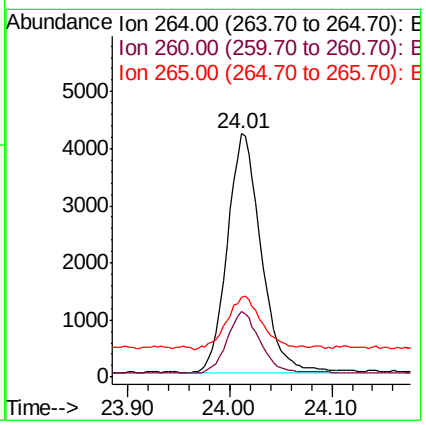


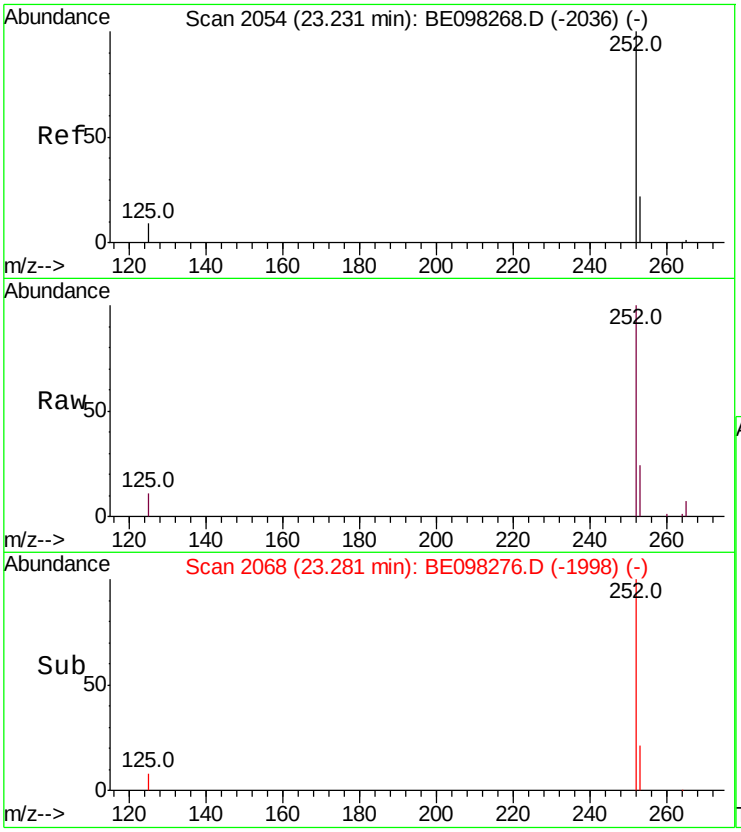


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:264 Resp: 9592

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.2	30.2
265	32.7	25.2	37.8



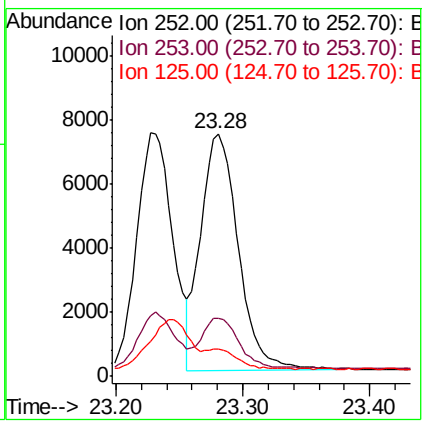


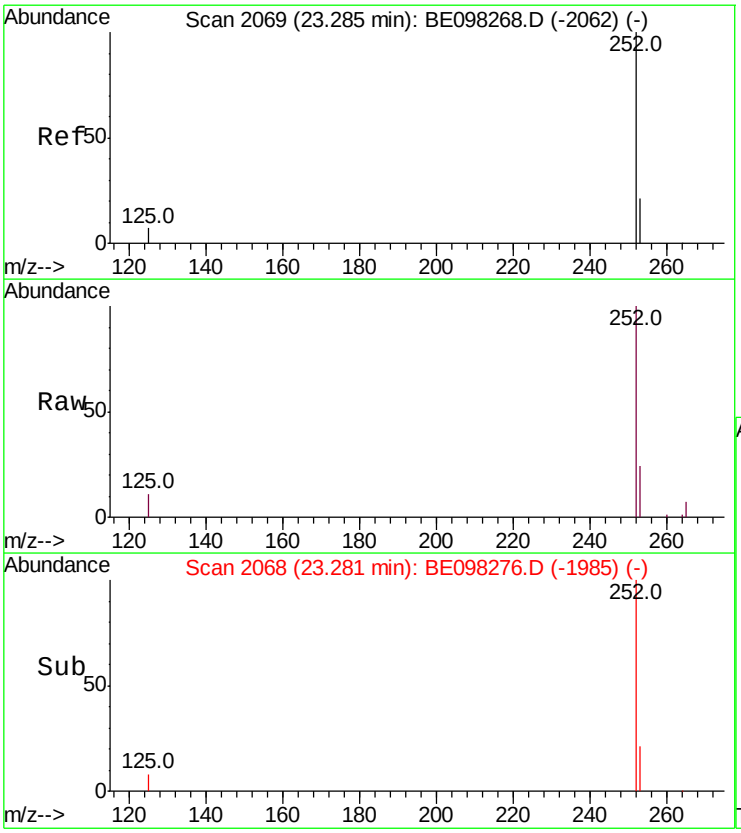
#35
Benzo(b)fluoranthene
Concen: 0.537 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.05 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15109

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	11.1	9.6	14.4

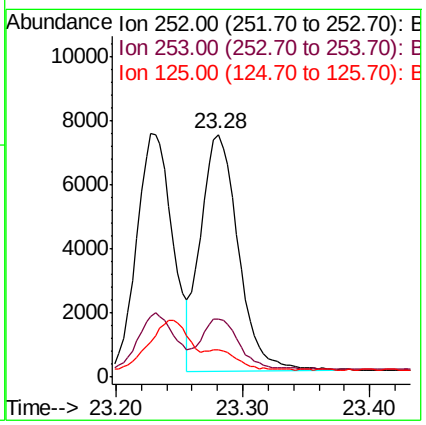


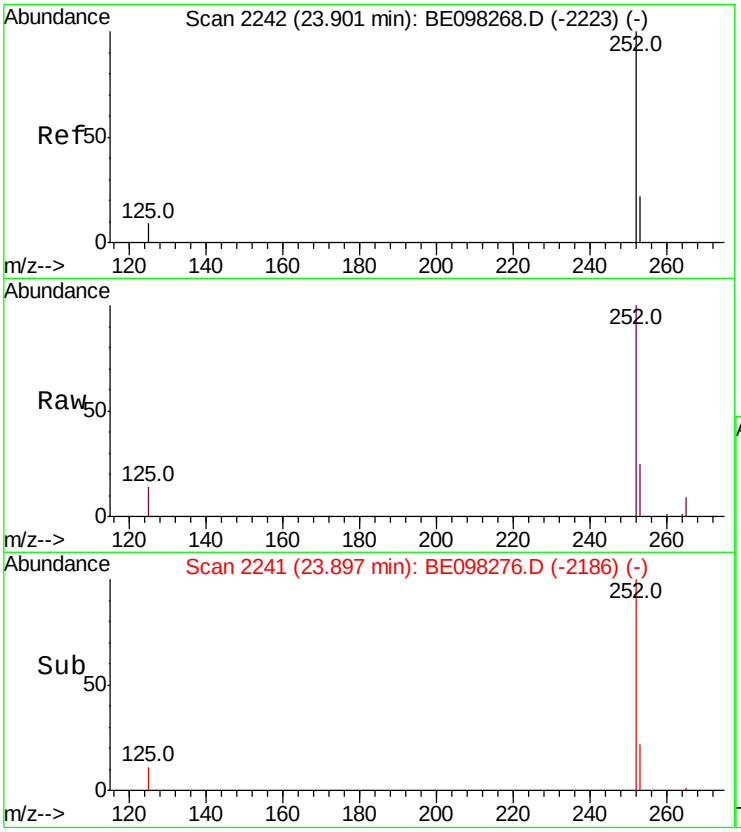


#36
Benzo(k)fluoranthene
Concen: 0.512 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:252 Resp: 15109

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	11.1	9.1	13.7



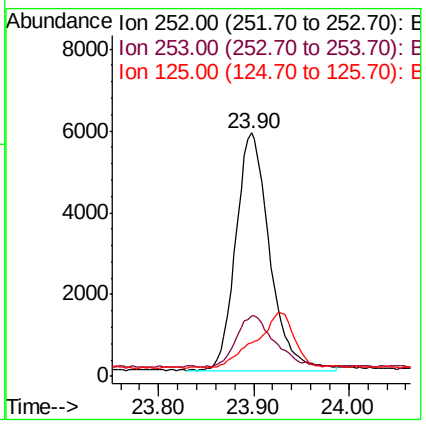


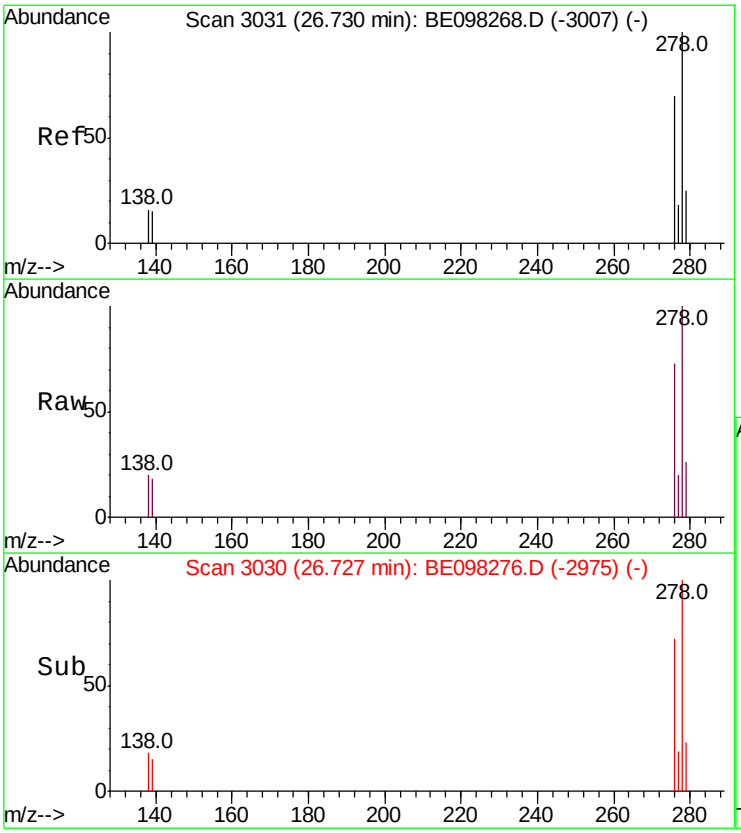
#37
Benzo(a)pyrene
Concen: 0.530 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14347

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.6	30.8
125	14.0	10.5	15.7

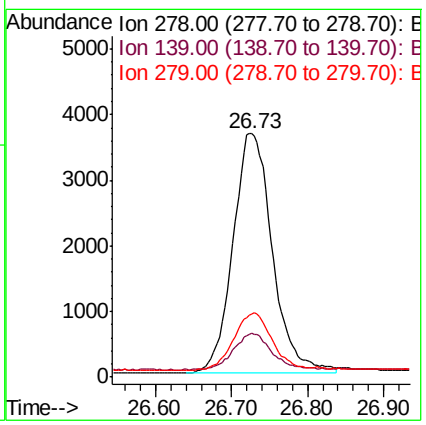


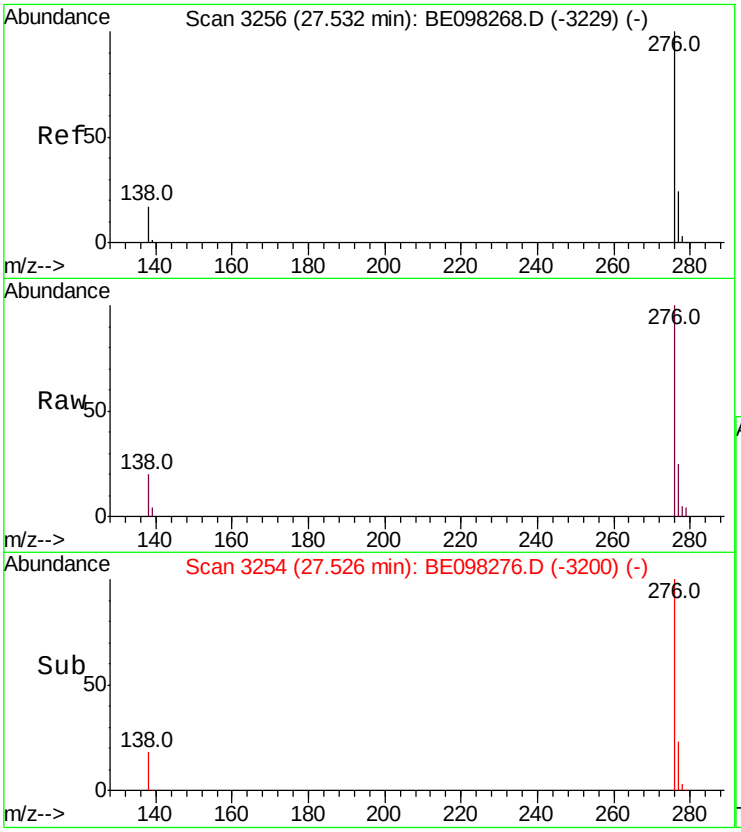


#38
Dibenzo(a,h)anthracene
Concen: 0.514 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:278 Resp: 13194

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.5	21.7
279	25.9	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.531 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13665

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.8	31.2
138	20.1	15.8	23.6