Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098222.D
Acq On : 13 Nov 2018 23:26
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 14 00:08:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

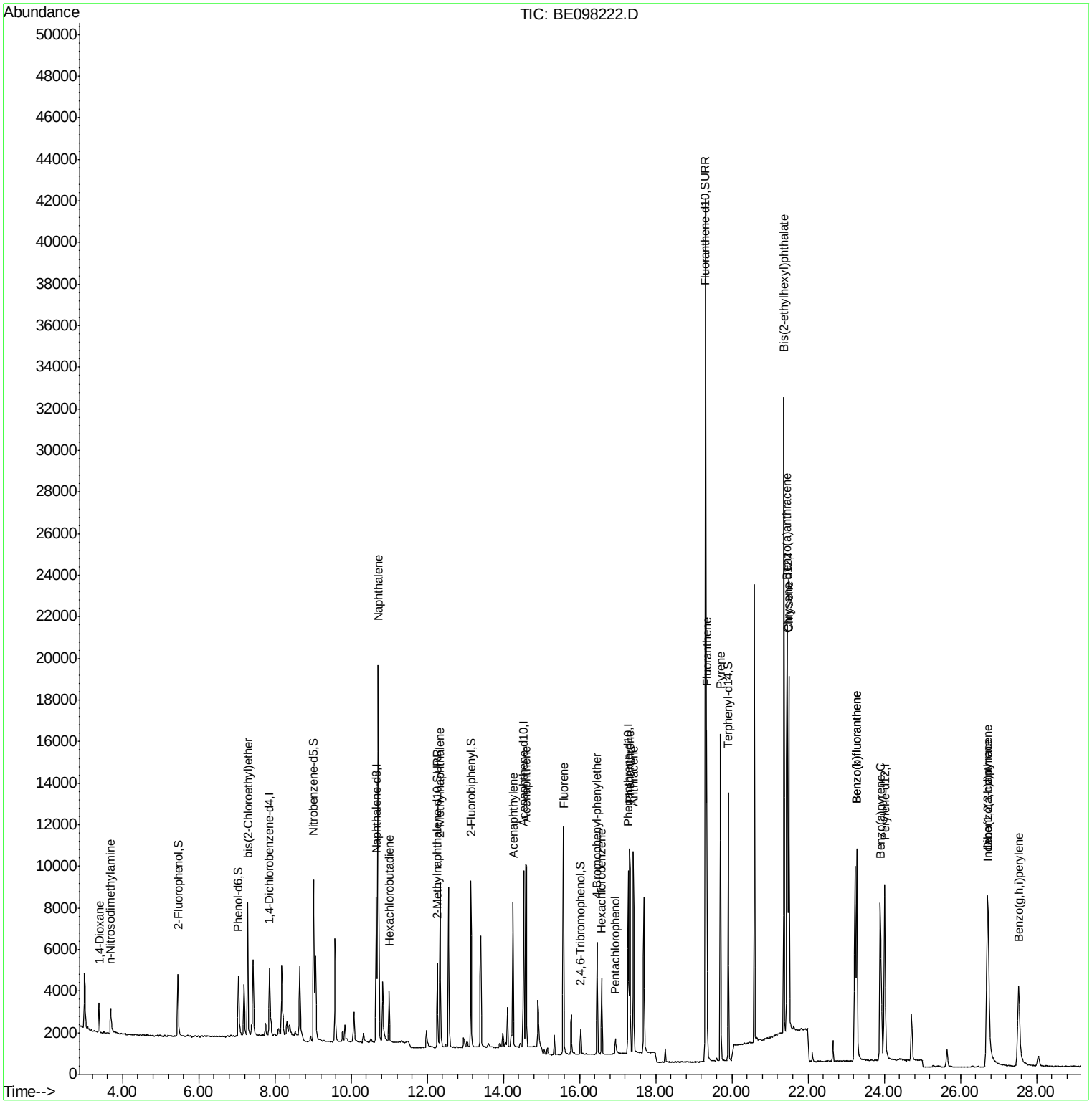
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1562	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7572	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5099	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	11700	0.40	ng		0.00
27) Chrysene-d12	21.46	240	13765	0.40	ng		0.00
34) Perylene-d12	24.01	264	12966	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1685	0.38	ng		0.00
5) Phenol-d6	7.04	99	2932	0.41	ng		0.00
8) Nitrobenzene-d5	9.02	82	3038	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	5207	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	771	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7948	0.37	ng		0.00
25) Fluoranthene-d10	19.31	212	54978	0.38	ng		0.00
29) Terphenyl-d14	19.91	244	11375	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	885	0.376	ng		94
3) n-Nitrosodimethylamine	3.69	42	1054	0.344	ng		90
6) bis(2-Chloroethyl)ether	7.29	93	2206	0.386	ng		96
9) Naphthalene	10.72	128	30422	0.395	ng		100
10) Hexachlorobutadiene	11.00	225	1814	0.379	ng		98
12) 2-Methylnaphthalene	12.34	142	5225	0.391	ng		96
16) Acenaphthylene	14.26	152	9019	0.386	ng		99
17) Acenaphthene	14.60	154	5533	0.388	ng		98
18) Fluorene	15.58	166	7105	0.389	ng		98
20) 4-Bromophenyl-phenylether	16.46	248	2774	0.389	ng		96
21) Hexachlorobenzene	16.58	284	2801	0.378	ng		97
22) Pentachlorophenol	16.94	266	554	0.415	ng		93
23) Phenanthrene	17.31	178	11411	0.392	ng		99
24) Anthracene	17.41	178	10569	0.389	ng		99
26) Fluoranthene	19.34	202	13888	0.385	ng		99
28) Pyrene	19.70	202	14428	0.381	ng		99
30) Benzo(a)anthracene	21.45	228	15019	0.384	ng		99
31) Chrysene	21.50	228	14988	0.377	ng		100
32) Bis(2-ethylhexyl)phthalate	21.37	149	32490	0.400	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	14141	0.388	ng	#	89
35) Benzo(b)fluoranthene	23.28	252	15130	0.411	ng		97
36) Benzo(k)fluoranthene	23.28	252	15130	0.390	ng		98
37) Benzo(a)pyrene	23.90	252	13652	0.387	ng		99
38) Dibenzo(a,h)anthracene	26.73	278	11576	0.385	ng		96
39) Benzo(g,h,i)perylene	27.53	276	11447	0.365	ng		98

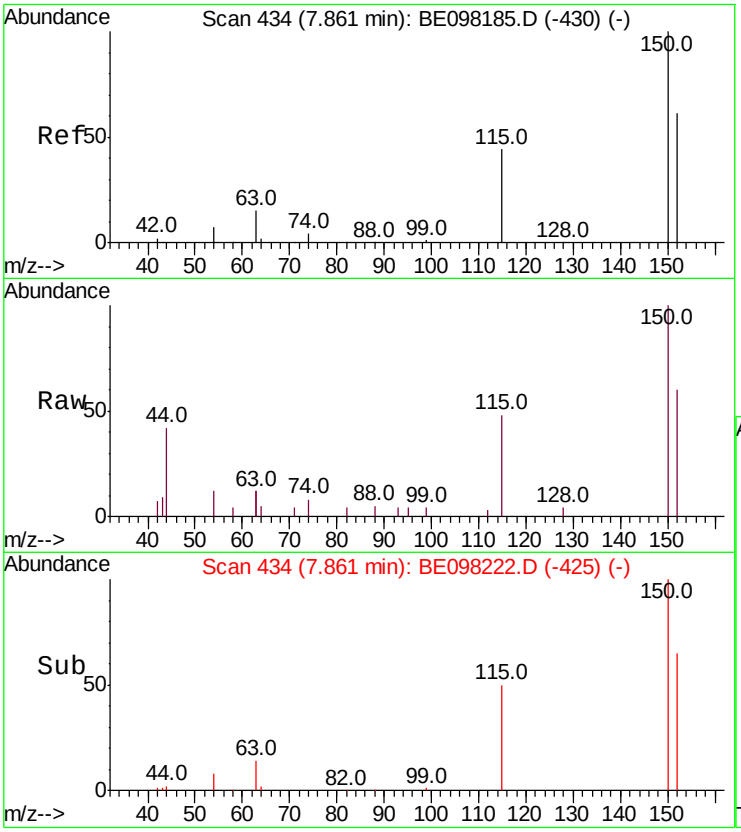
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098222.D
Acq On : 13 Nov 2018 23:26
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 14 00:08:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



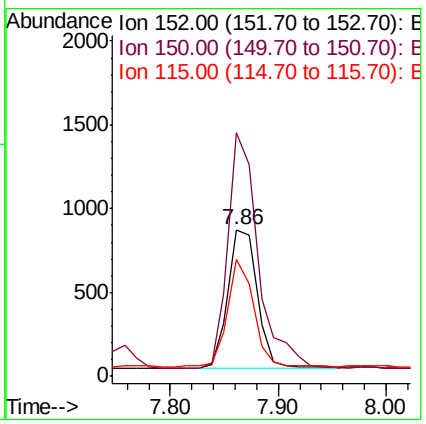


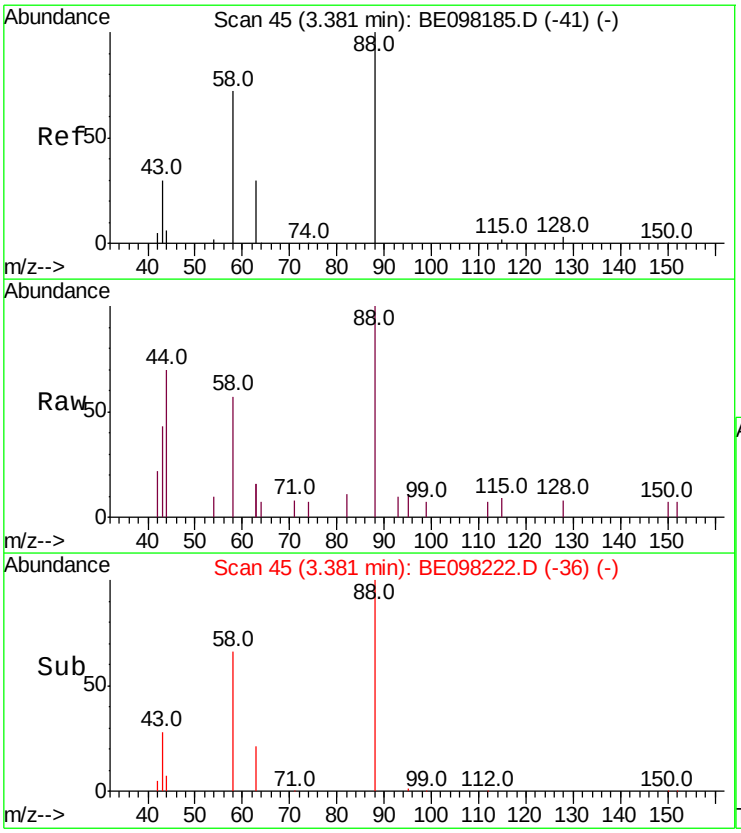
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1562

Ion	Ratio	Lower	Upper
152	100		
150	166.2	127.5	191.3
115	79.4	60.3	90.5

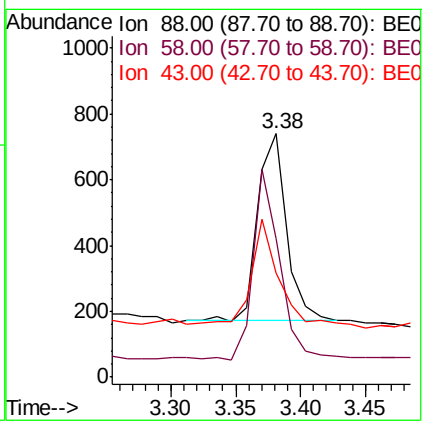


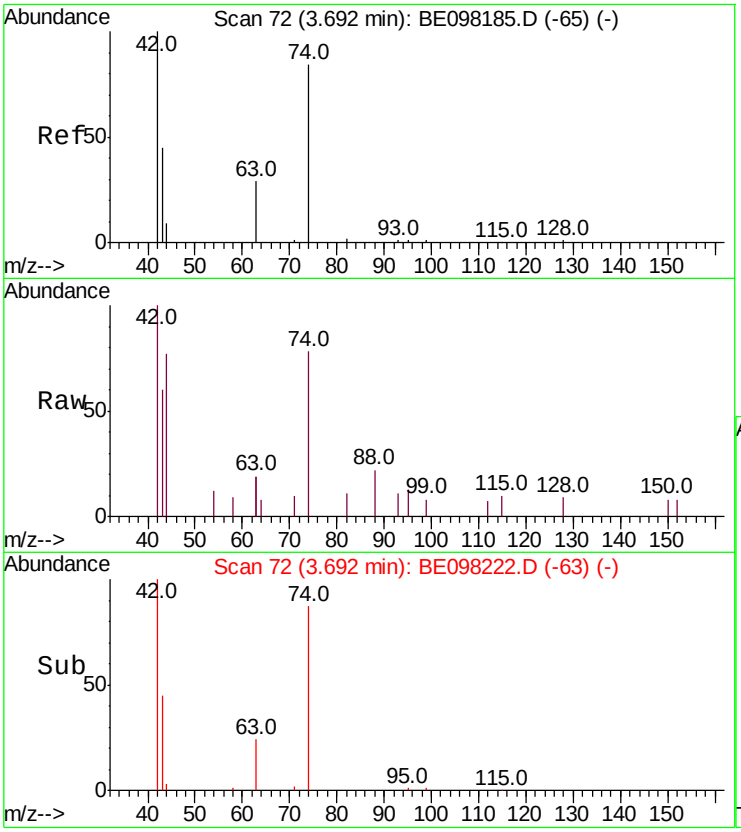


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion: 88 Resp: 885

Ion	Ratio	Lower	Upper
88	100		
58	91.9	79.0	118.4
43	51.1	38.1	57.1



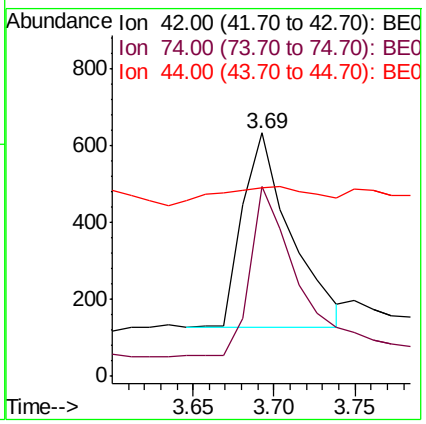


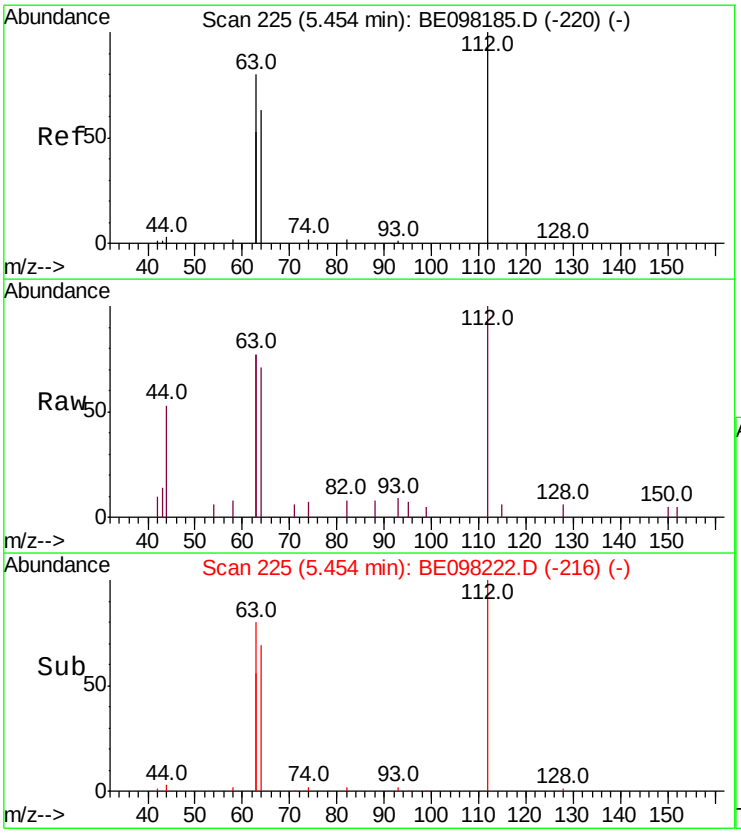
#3
n-Nitrosodimethylamine
Concen: 0.344 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1054

Ion	Ratio	Lower	Upper
42	100		
74	86.7	61.7	92.5
44	19.8	14.0	21.0

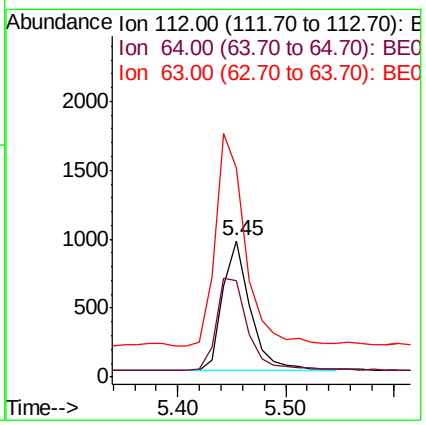


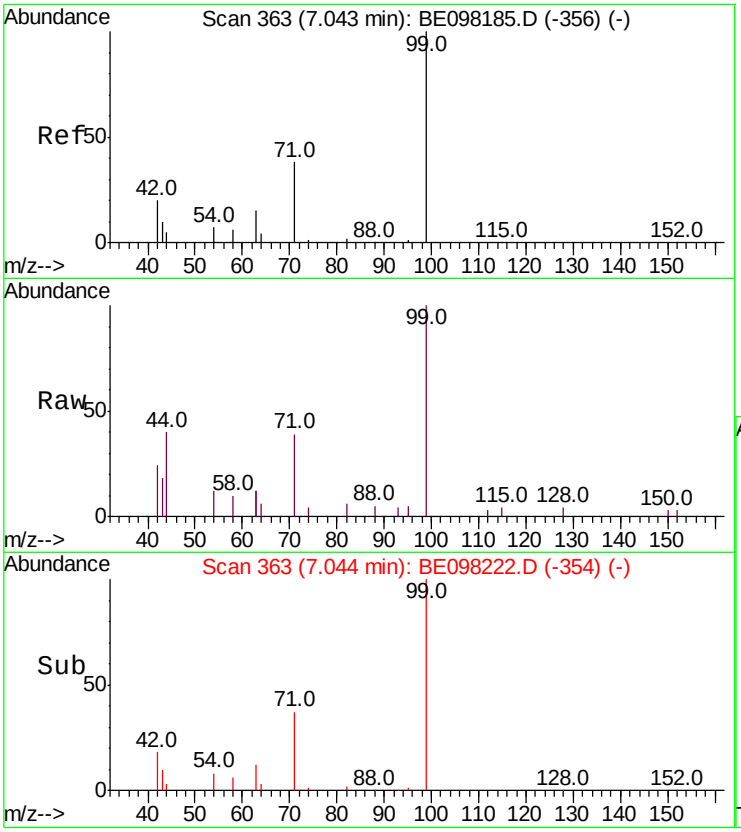


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:112 Resp: 1685

Ion	Ratio	Lower	Upper
112	100		
64	80.0	61.7	92.5
63	177.4	136.2	204.2



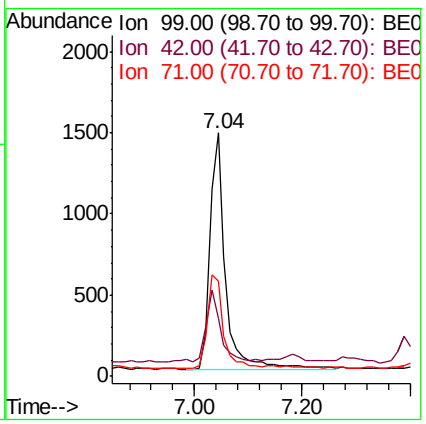


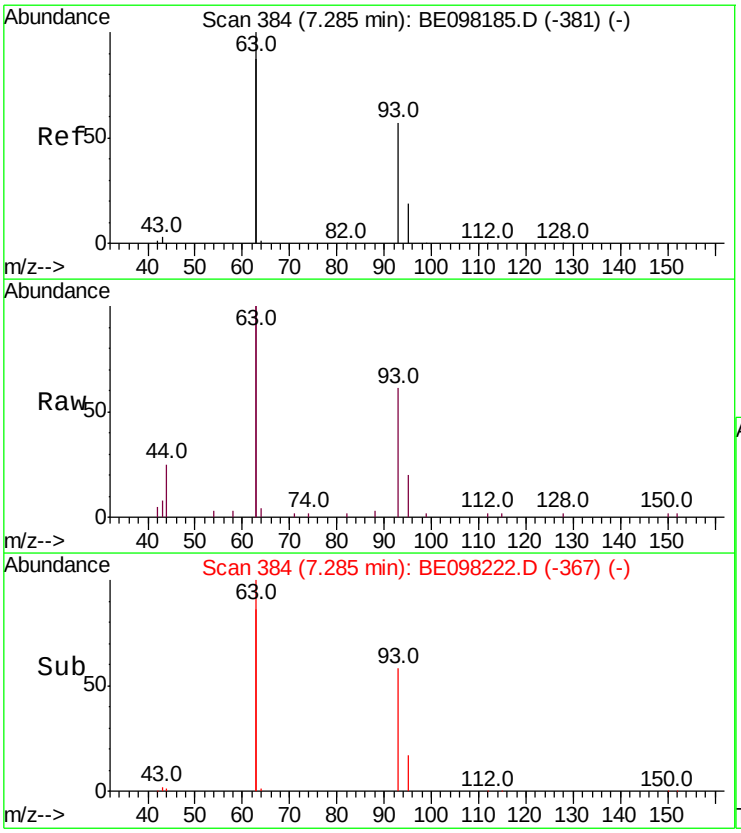
#5
Phenol-d6
Concen: 0.414 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2932

Ion	Ratio	Lower	Upper
99	100		
42	27.1	27.1	40.7#
71	41.1	37.0	55.6

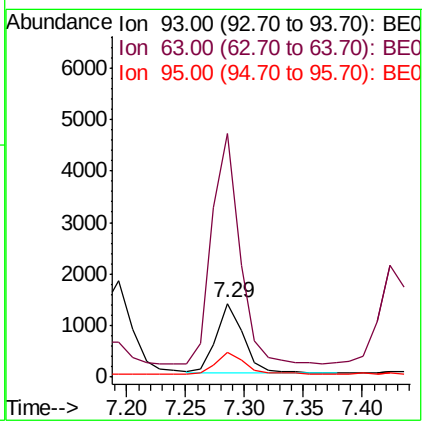


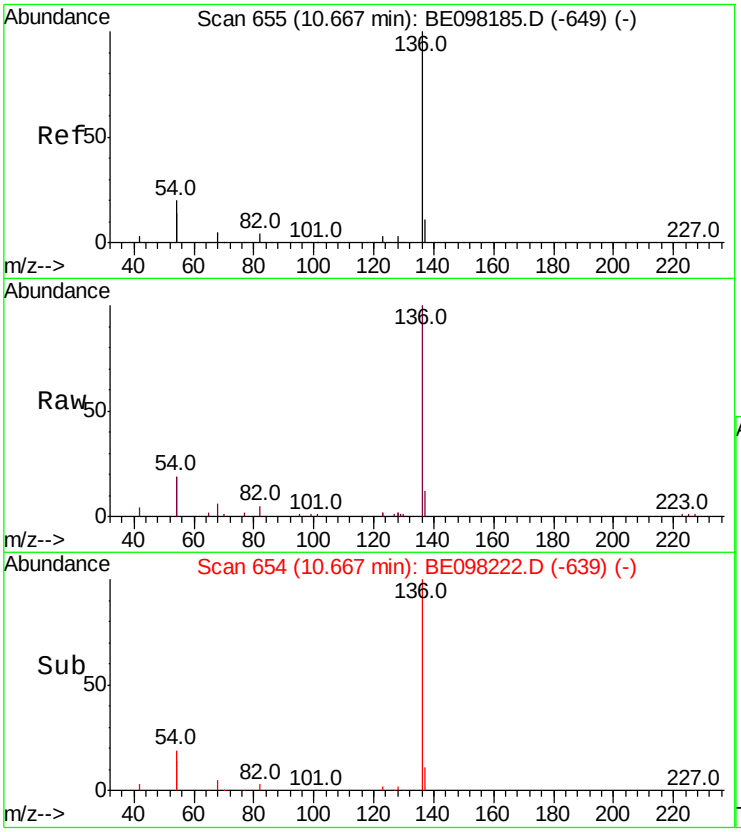


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion: 93 Resp: 2206

Ion	Ratio	Lower	Upper
93	100		
63	332.4	272.6	409.0
95	31.2	27.1	40.7



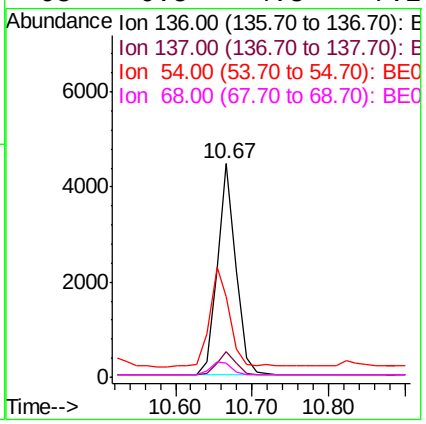


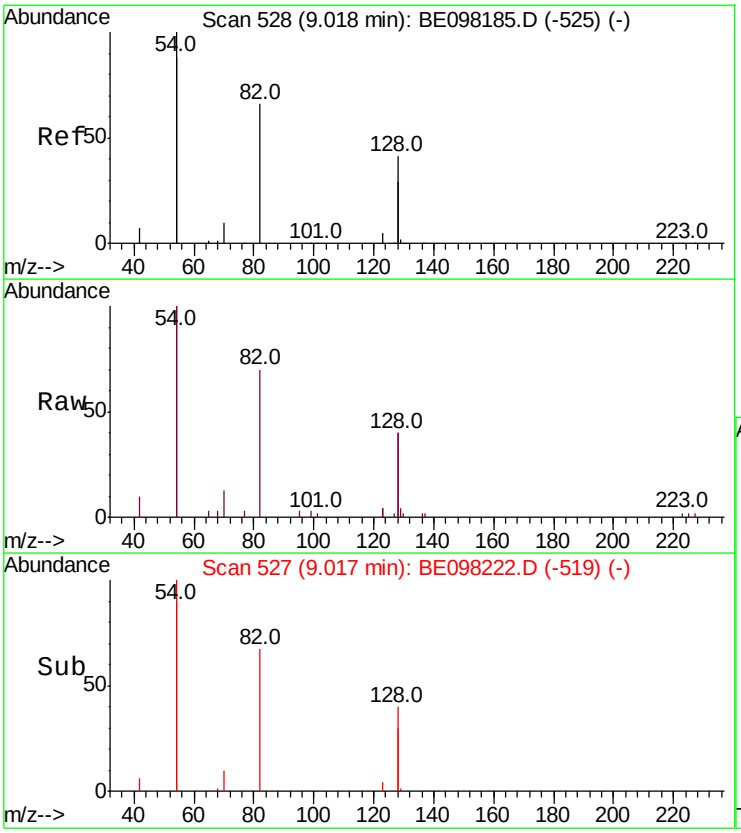
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7572

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	37.8	31.3	46.9
68	6.5	4.8	7.2

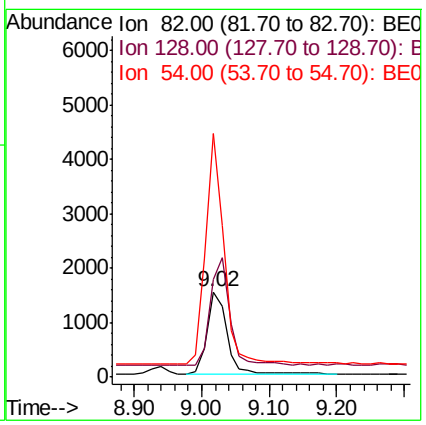


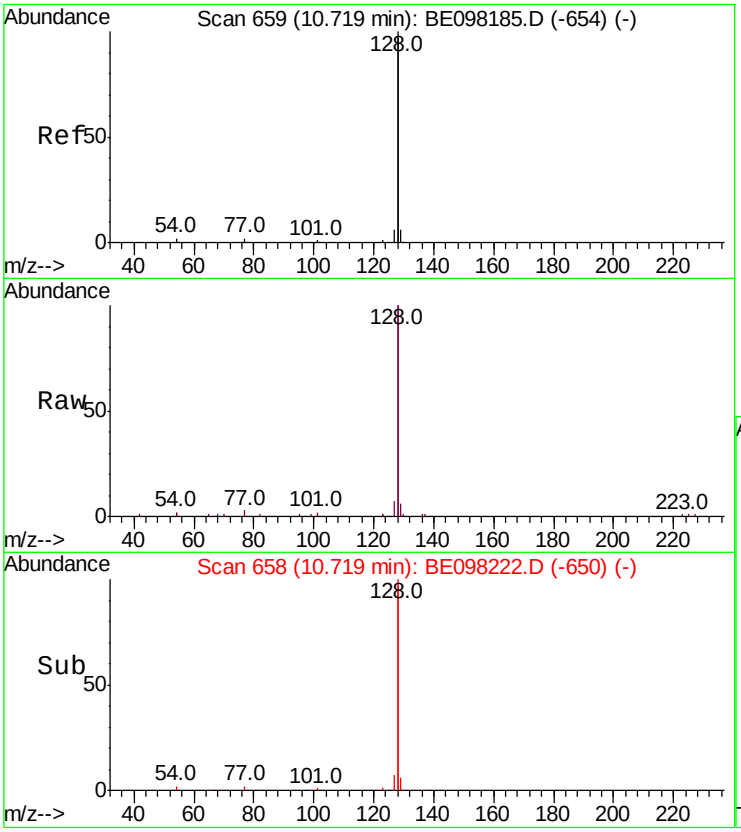


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion: 82 Resp: 3038

Ion	Ratio	Lower	Upper
82	100		
128	115.3	96.1	144.1
54	285.6	232.0	348.0



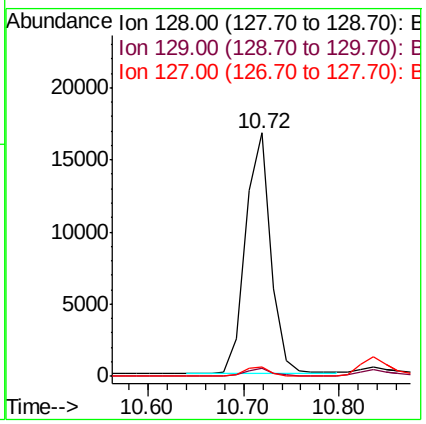


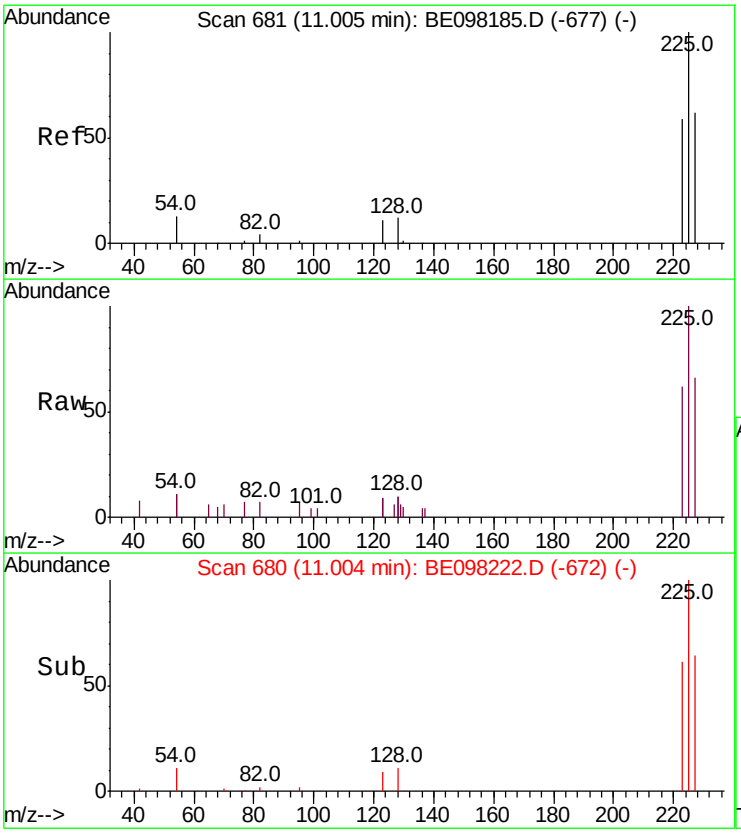
#9
Naphthalene
Concen: 0.395 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 30422

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	3.6	2.8	4.2

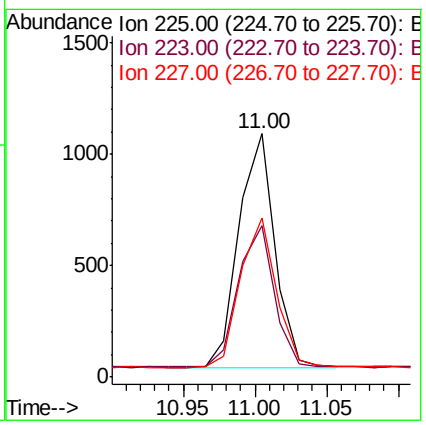


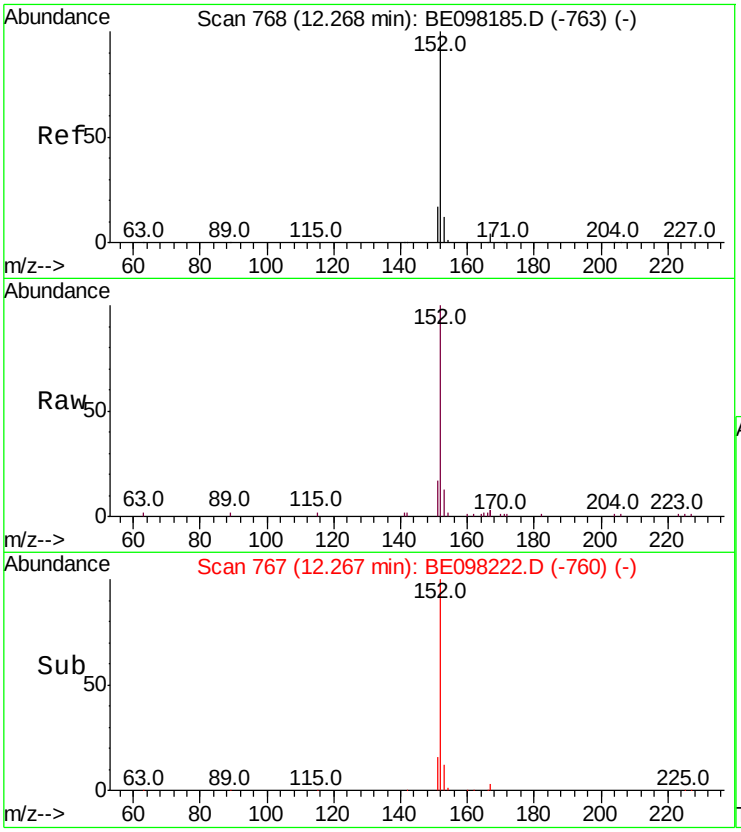


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:225 Resp: 1814

Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.5	75.7
227	64.4	50.3	75.5



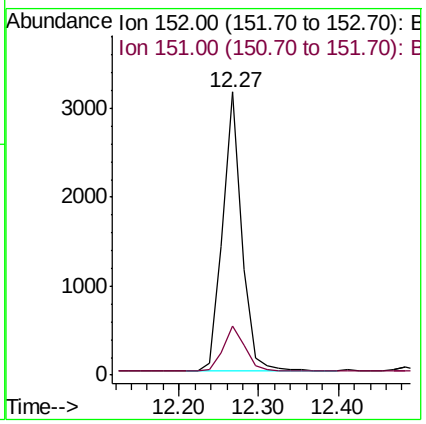


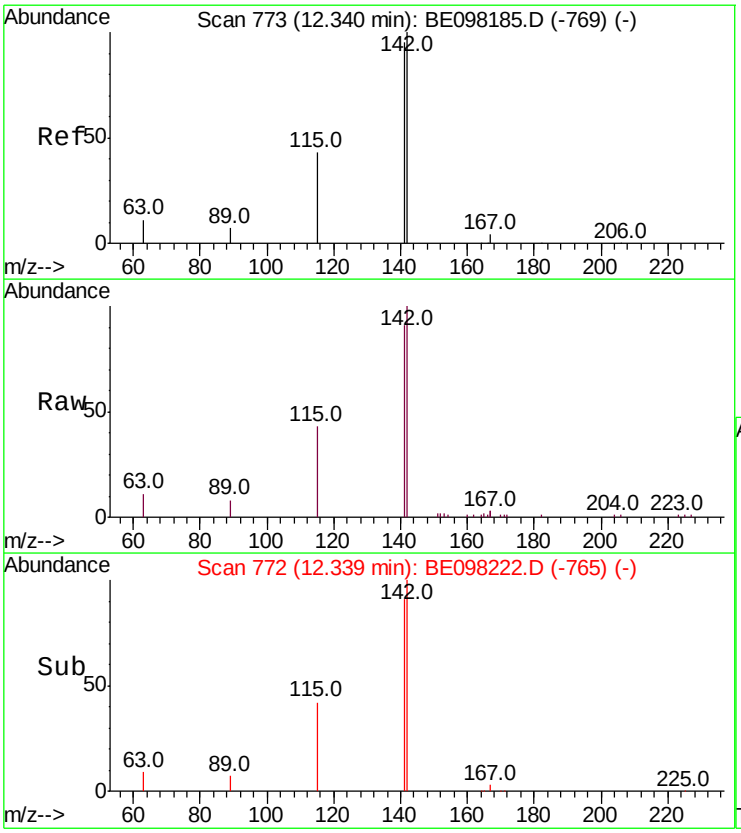
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5207

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.4	23.2

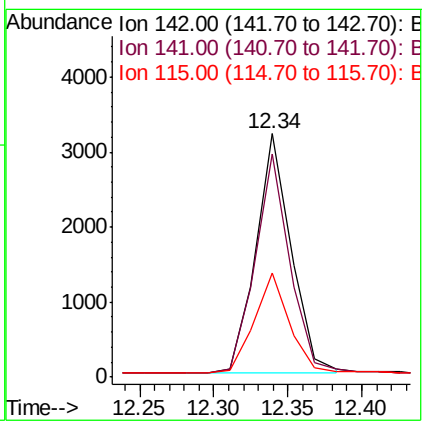


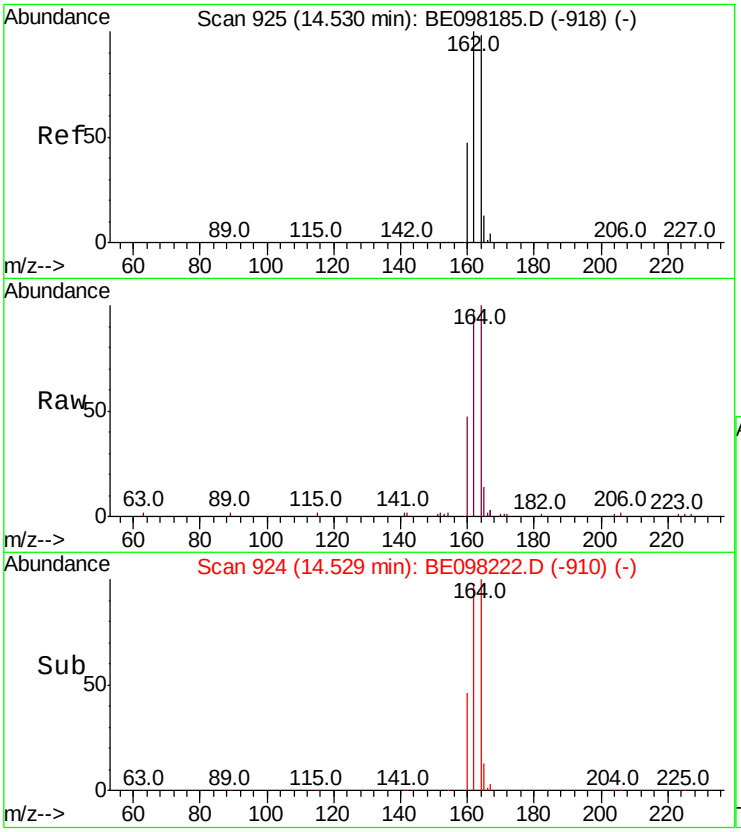


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:142 Resp: 5225

Ion	Ratio	Lower	Upper
142	100		
141	91.5	76.3	114.5
115	42.9	35.8	53.8



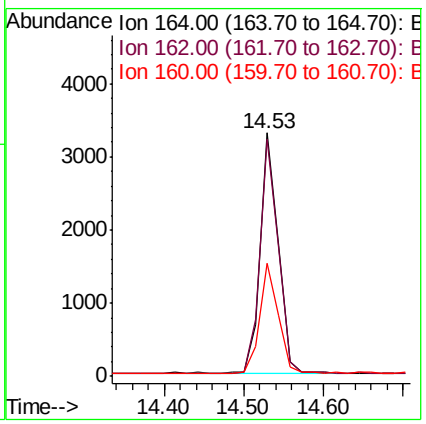


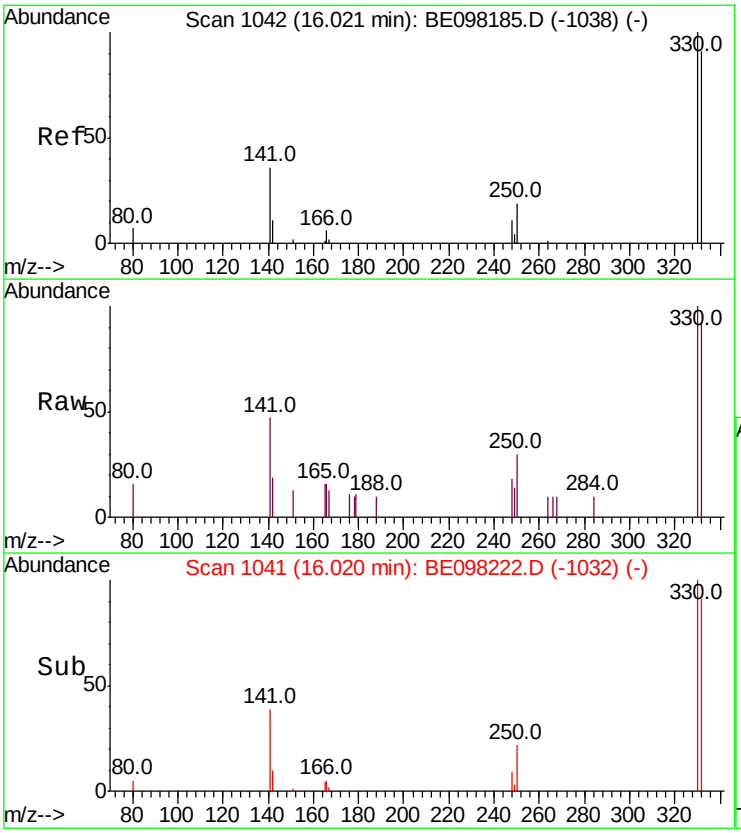
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5099

Ion	Ratio	Lower	Upper
164	100		
162	97.5	81.8	122.6
160	46.5	39.4	59.0

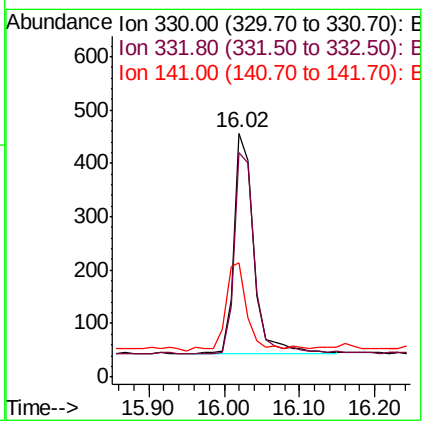


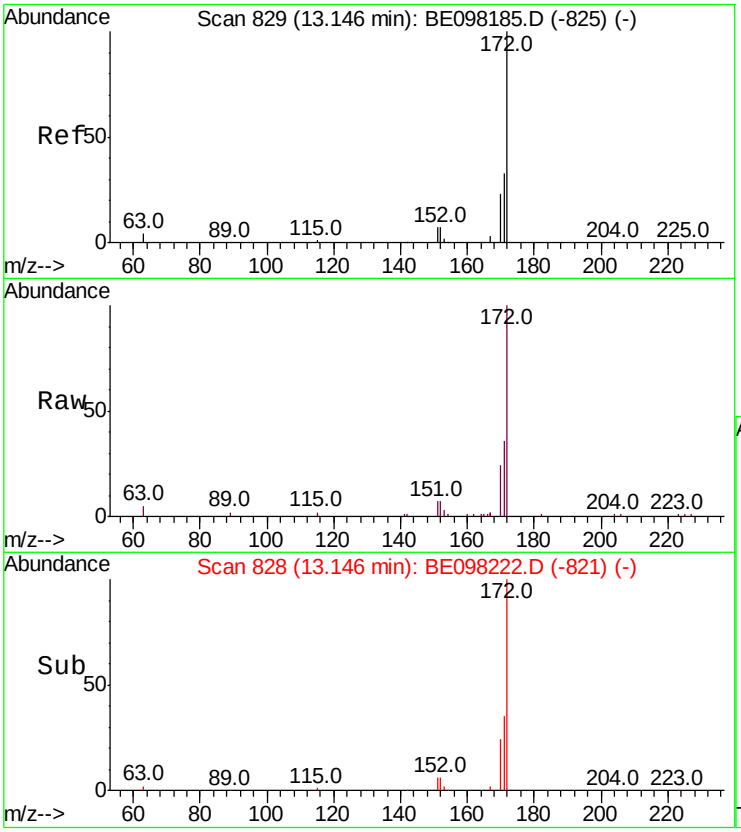


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:330 Resp: 771

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.7	116.5
141	42.9	33.6	50.4



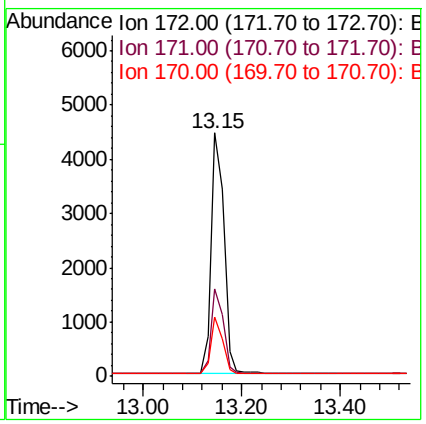


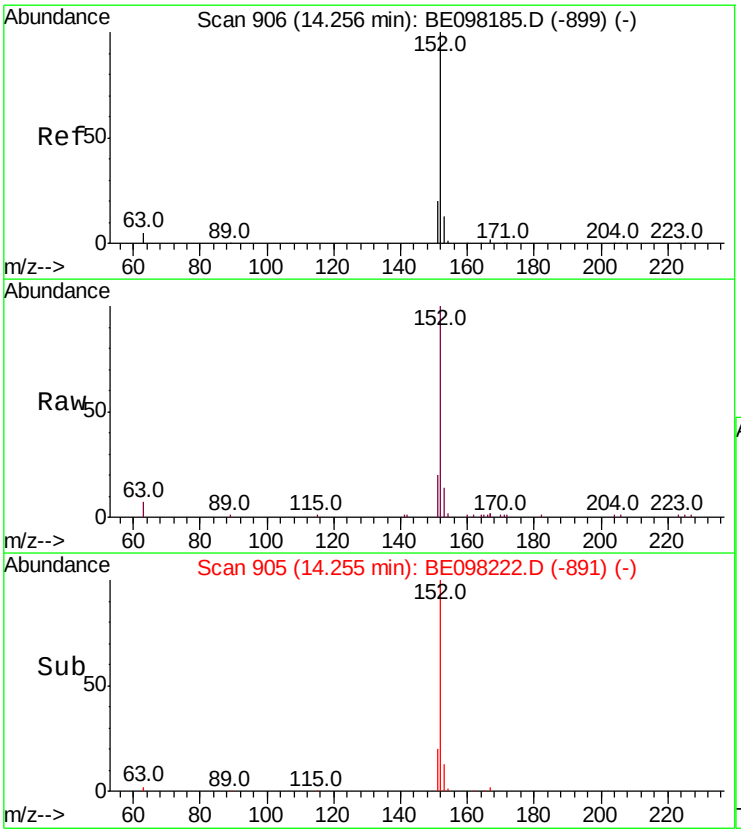
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 7948

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.3	40.9
170	24.4	19.4	29.0

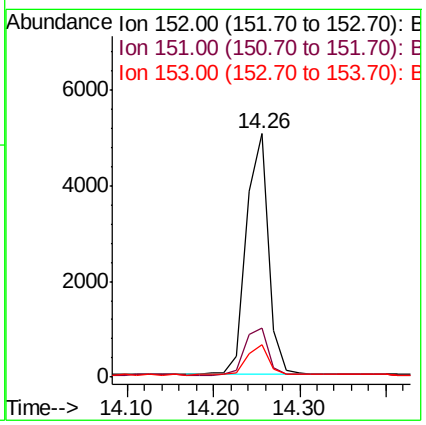


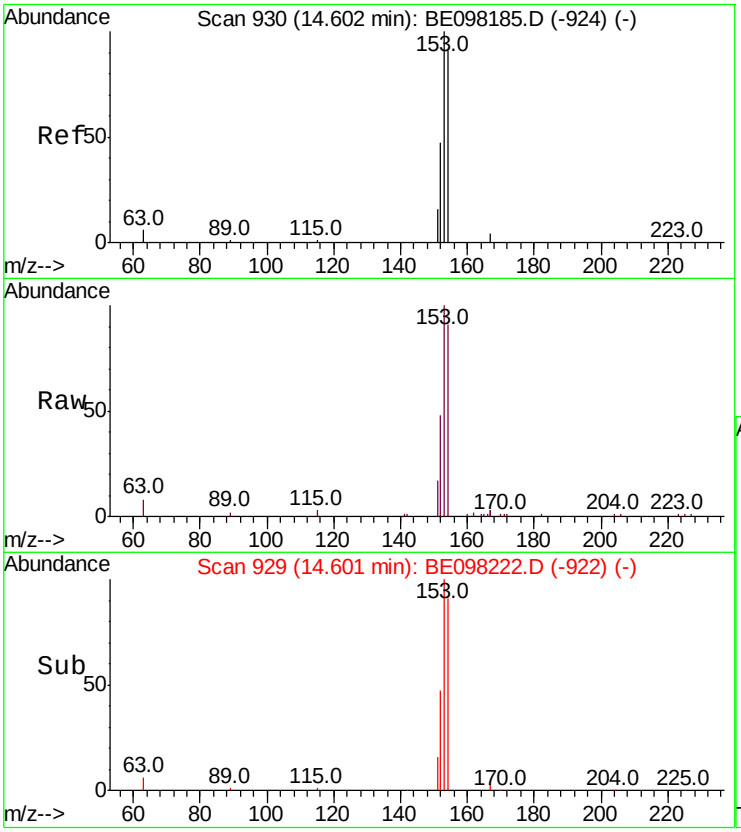


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:152 Resp: 9019

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	12.7	10.6	15.8



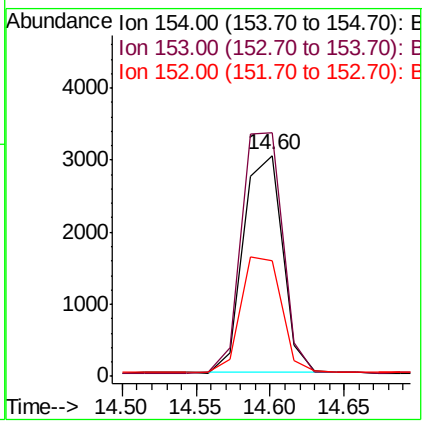


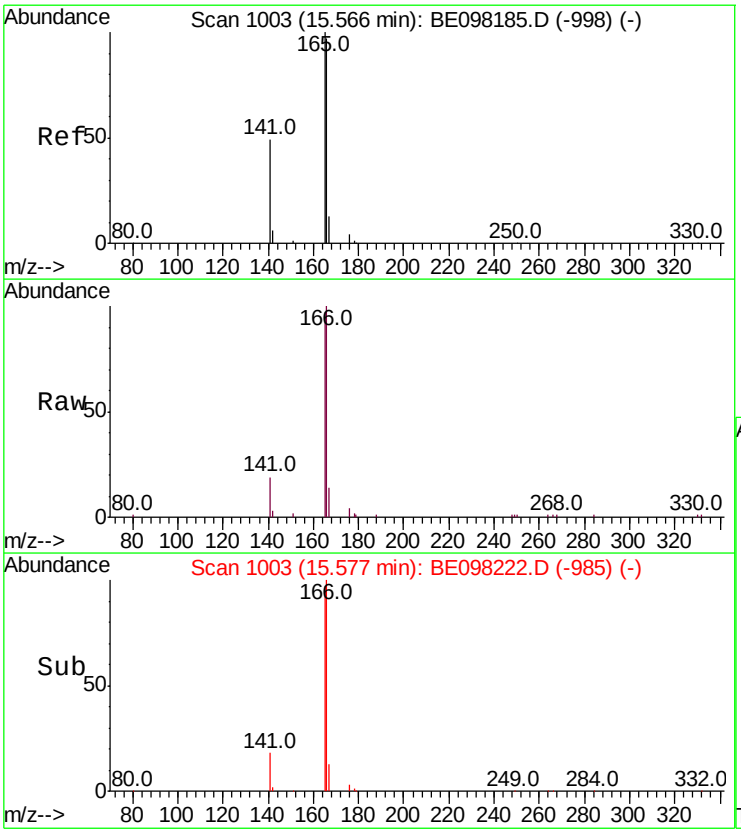
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5533

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.1	138.1
152	55.1	46.2	69.2

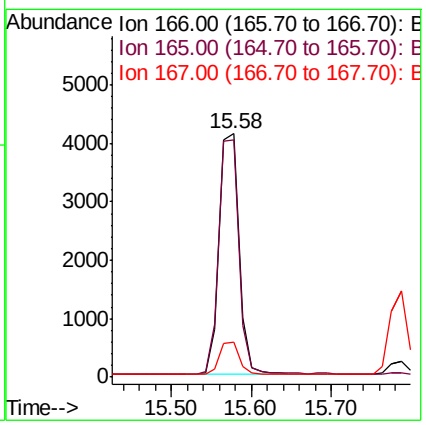


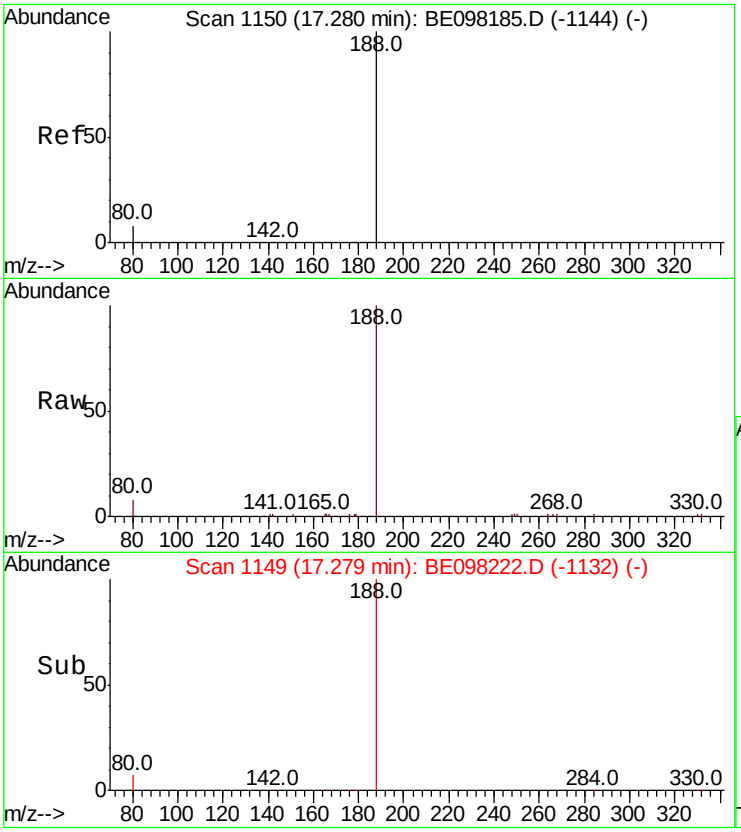


#18
Fluorene
Concen: 0.389 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:166 Resp: 7105

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.1	120.1
167	13.1	10.8	16.2



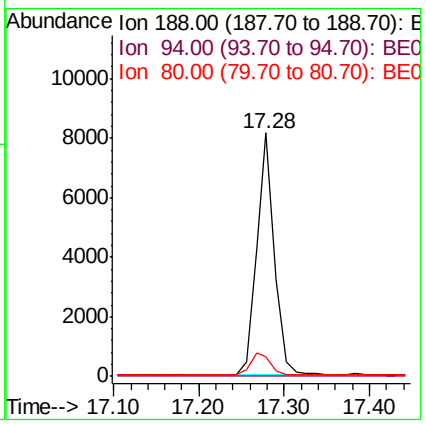


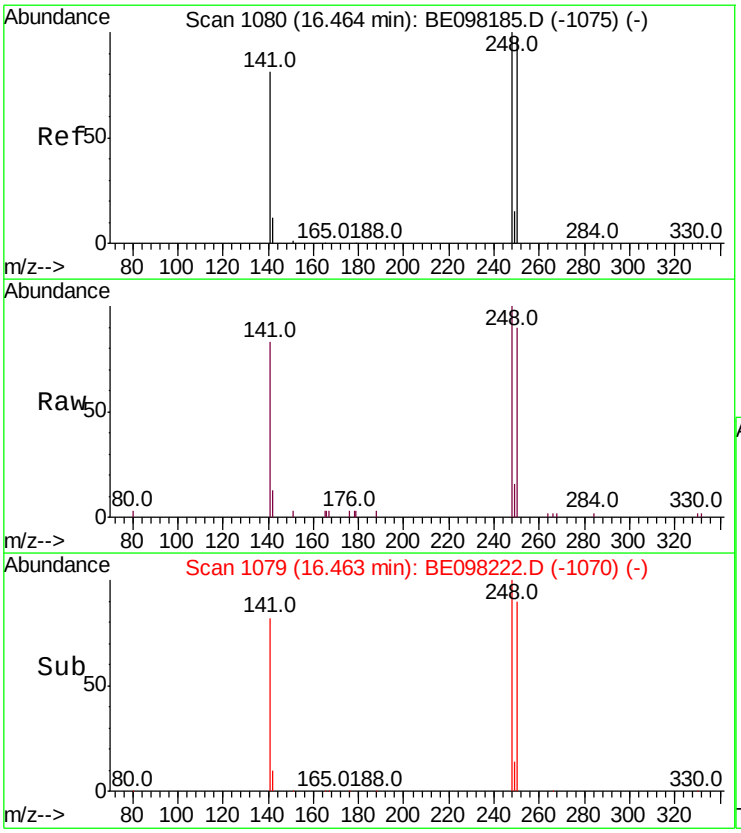
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11700

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.7	10.1

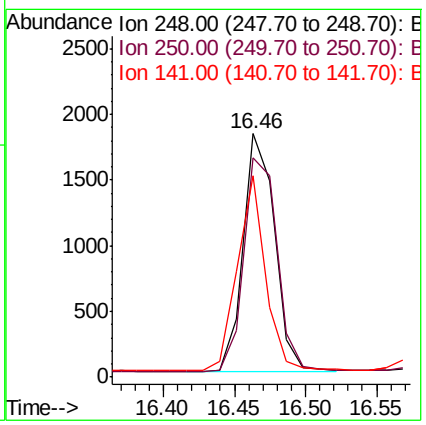


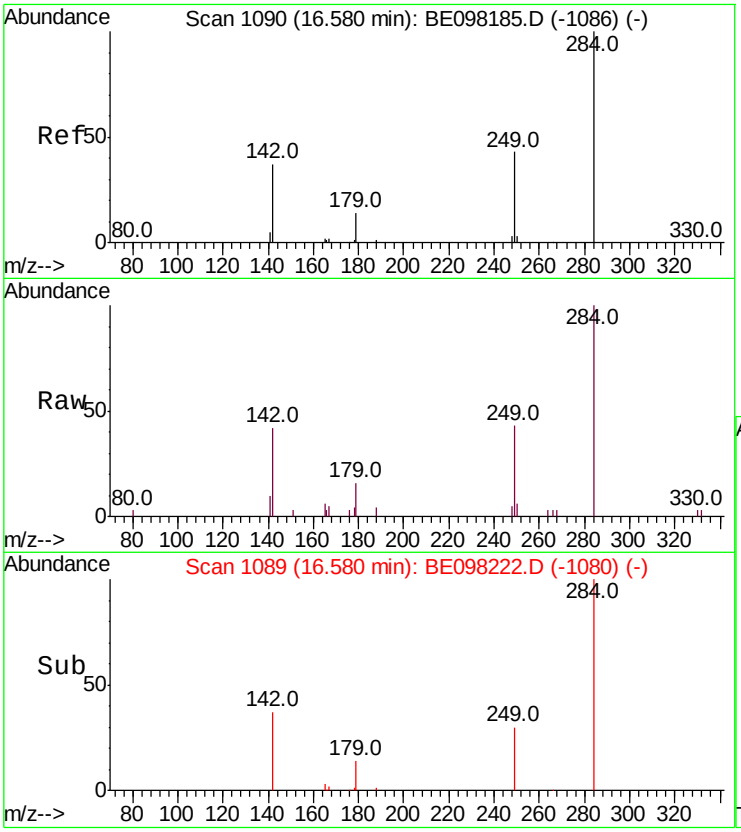


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:248 Resp: 2774

Ion	Ratio	Lower	Upper
248	100		
250	90.2	77.6	116.4
141	82.8	65.8	98.8



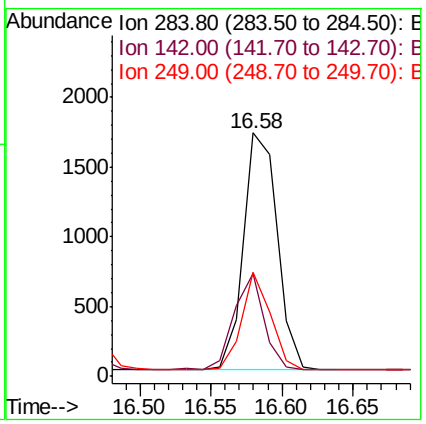


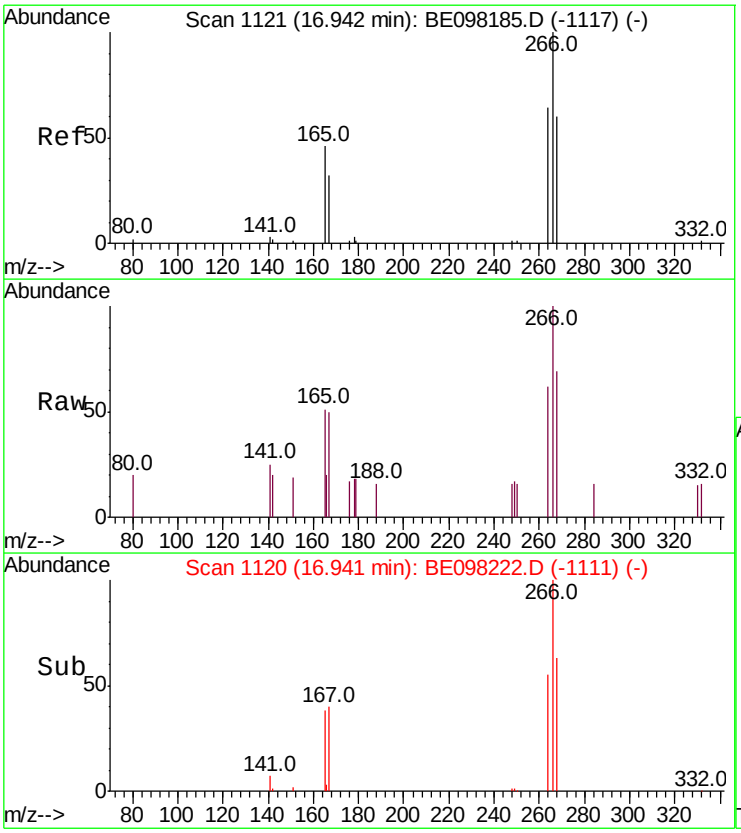
#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2801

Ion	Ratio	Lower	Upper
284	100		
142	35.7	26.5	39.7
249	35.0	28.4	42.6

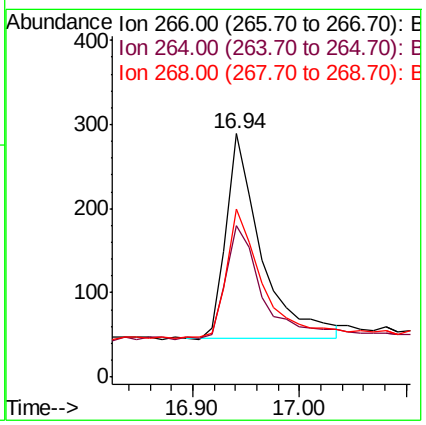


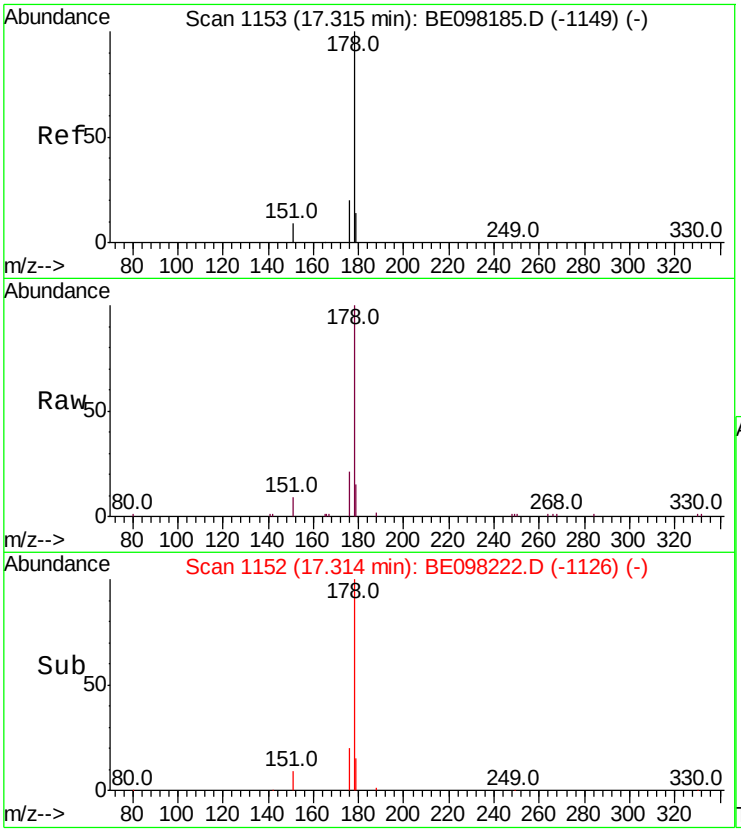


#22
Pentachlorophenol
Concen: 0.415 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:266 Resp: 554

Ion	Ratio	Lower	Upper
266	100		
264	62.3	57.6	86.4
268	69.2	56.8	85.2



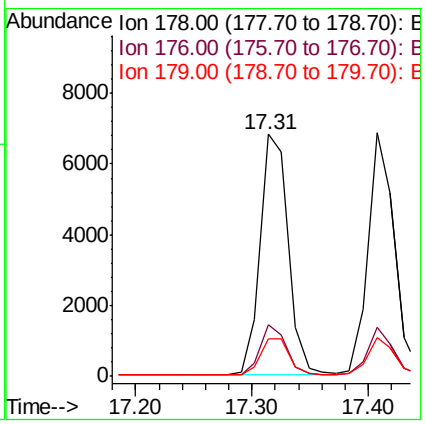


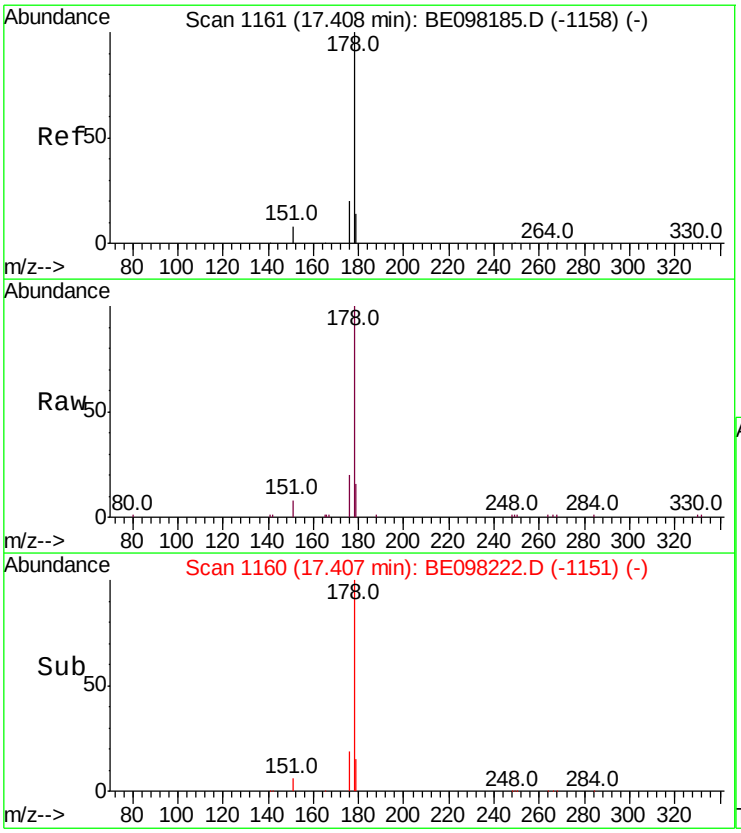
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11411

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.3	18.5

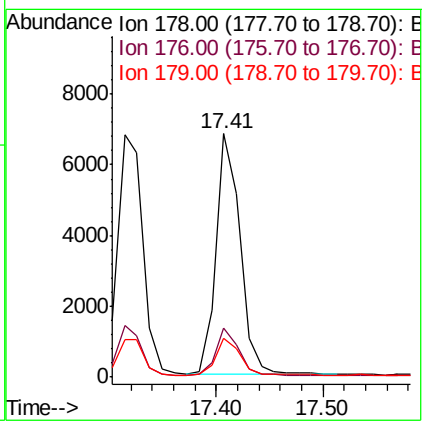


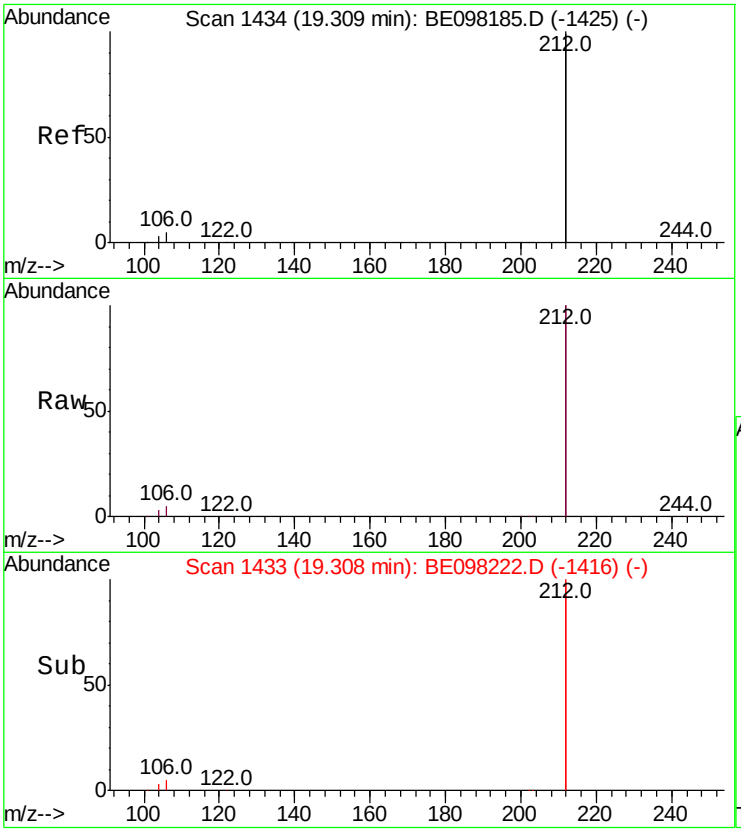


#24
Anthracene
Concen: 0.389 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:178 Resp: 10569

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.3	12.1	18.1



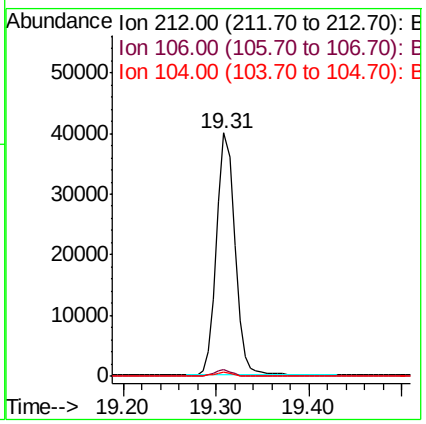


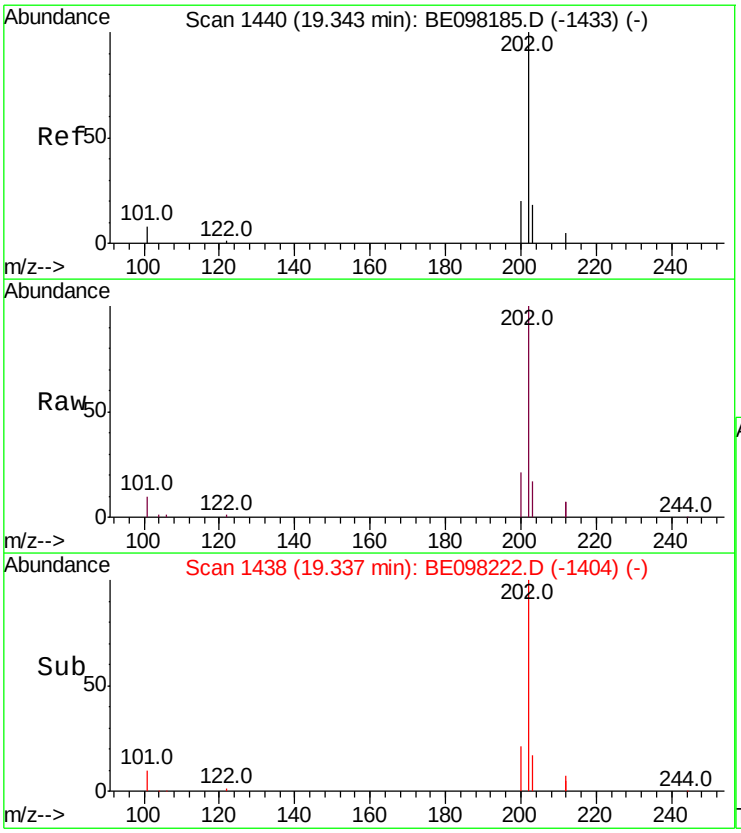
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 54978

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.4	1.1	1.7

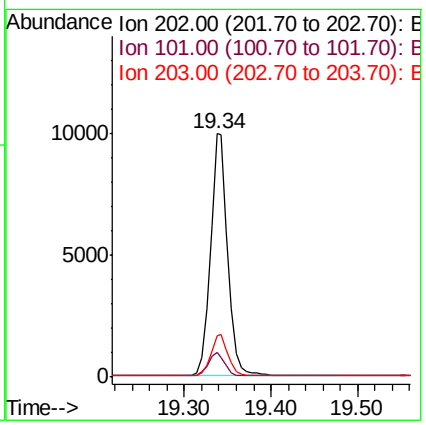


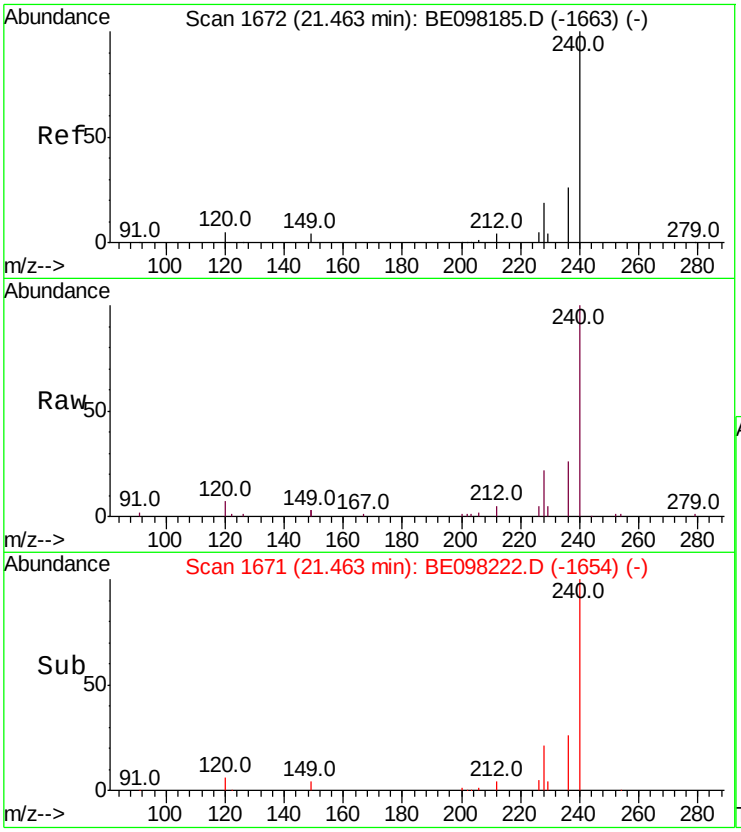


#26
Fluoranthene
Concen: 0.385 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:202 Resp: 13888

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.0	10.6
203	16.8	13.7	20.5



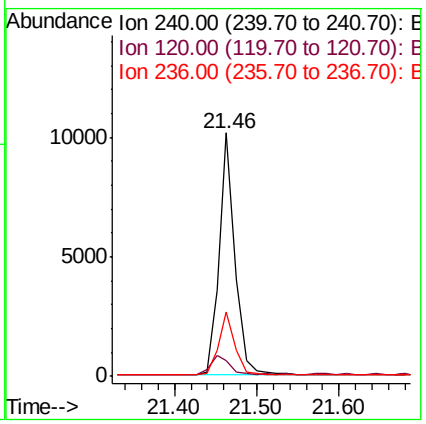


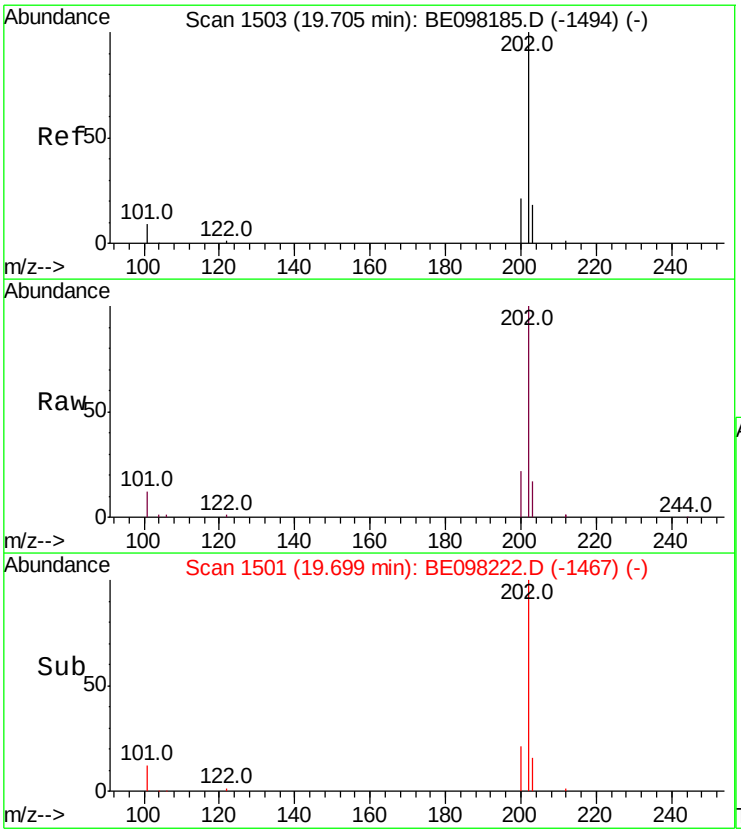
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13765

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.8	7.2
236	26.3	21.4	32.0

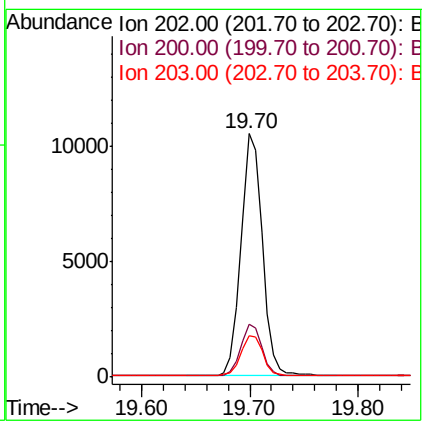


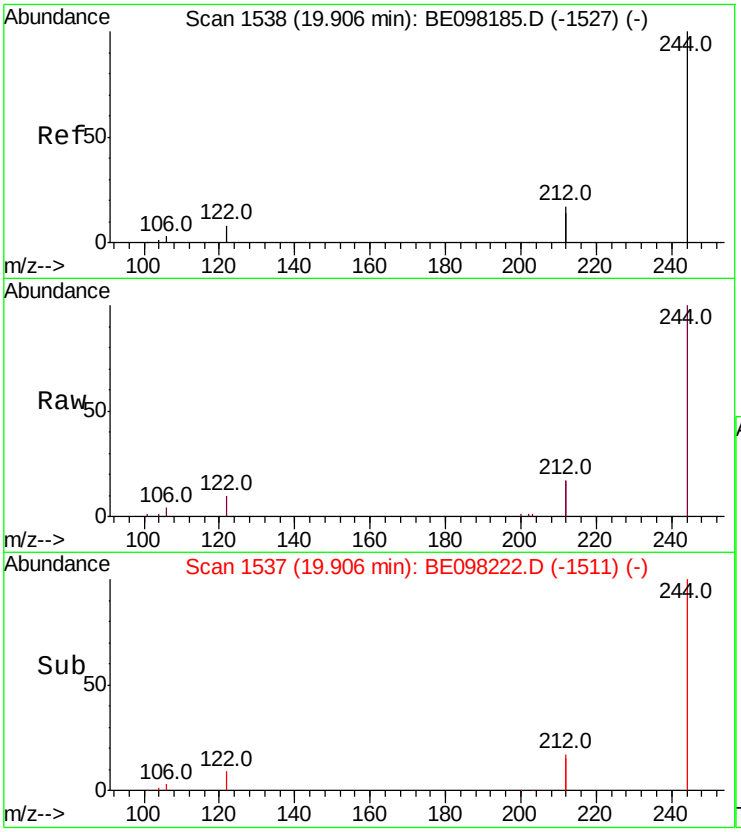


#28
Pyrene
Concen: 0.381 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:202 Resp: 14428

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.3	14.2	21.4



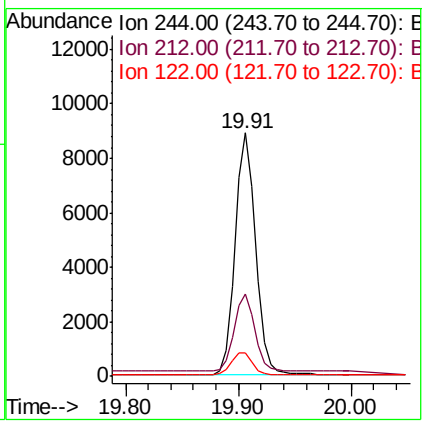


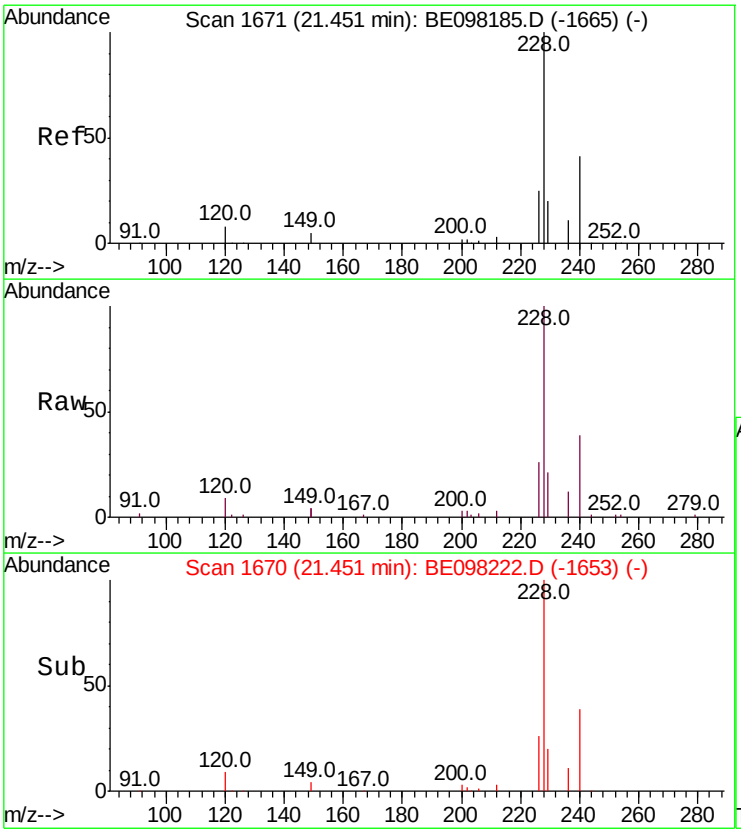
#29
Terphenyl-d14
Concen: 0.364 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 11375

Ion	Ratio	Lower	Upper
244	100		
212	33.7	26.8	40.2
122	9.5	7.0	10.6

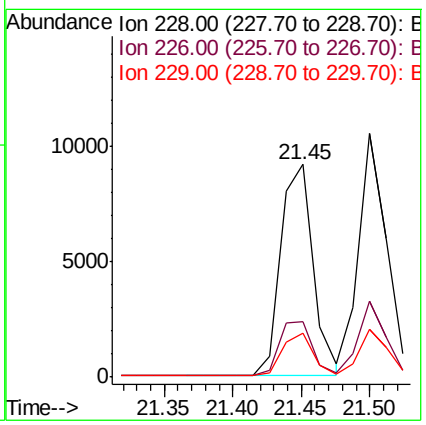


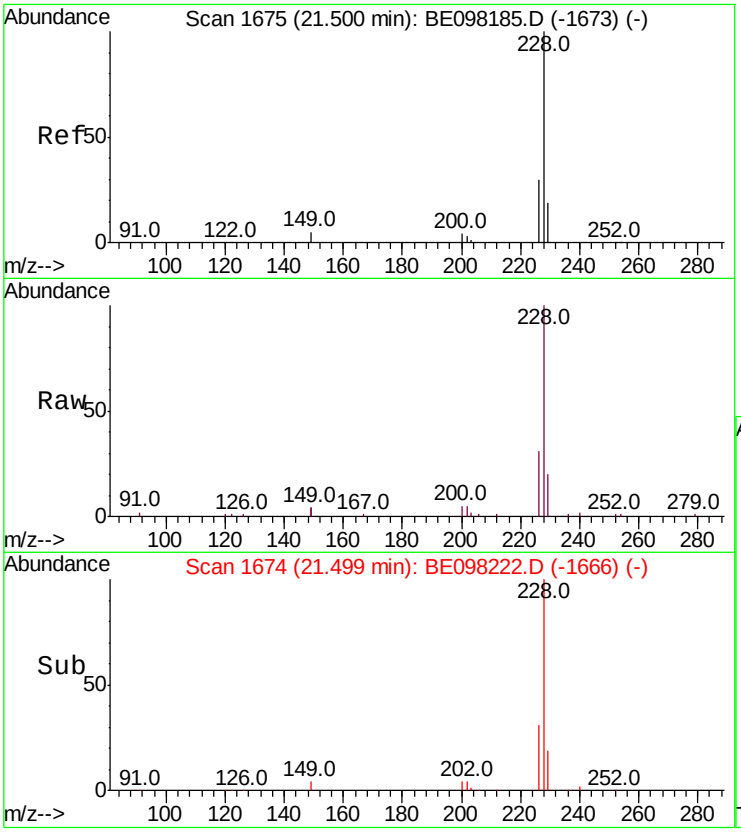


#30
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:228 Resp: 15019

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.7	31.1
229	20.8	16.2	24.4



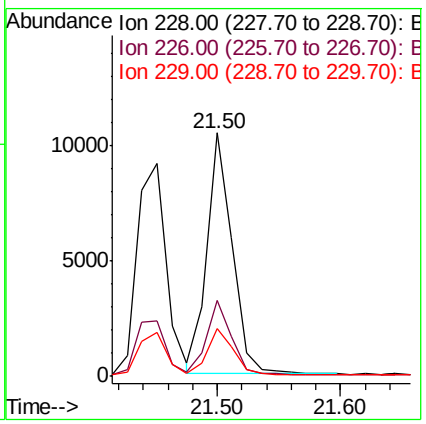


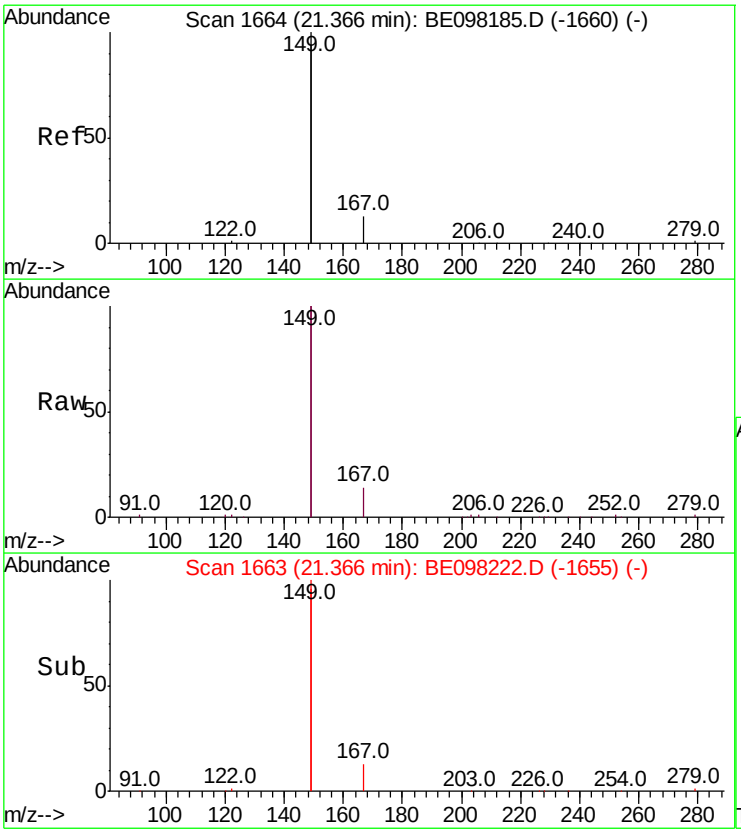
#31
Chrysene
Concen: 0.377 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 14988

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	19.8	16.0	24.0

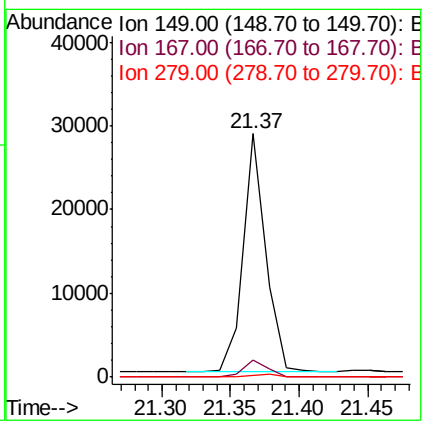


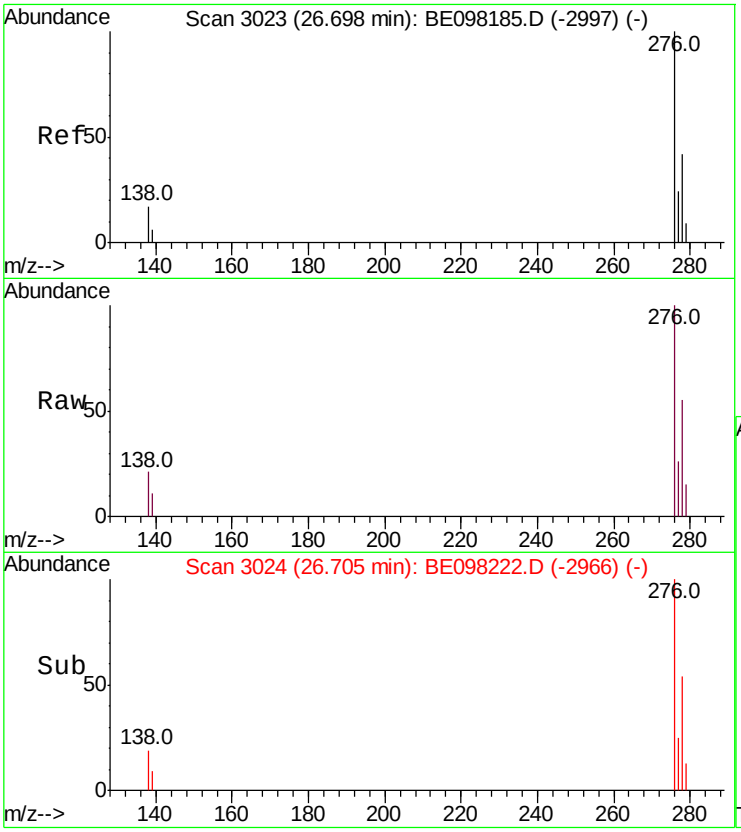


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.400 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:149 Resp: 32490

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.2	0.9	1.3



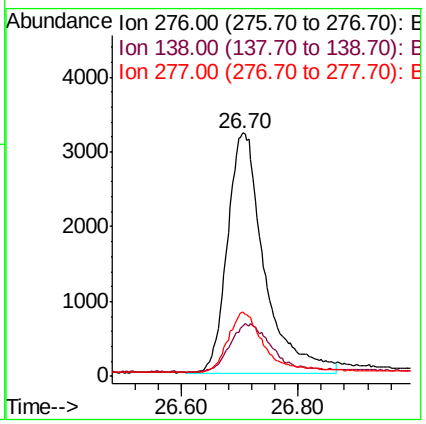


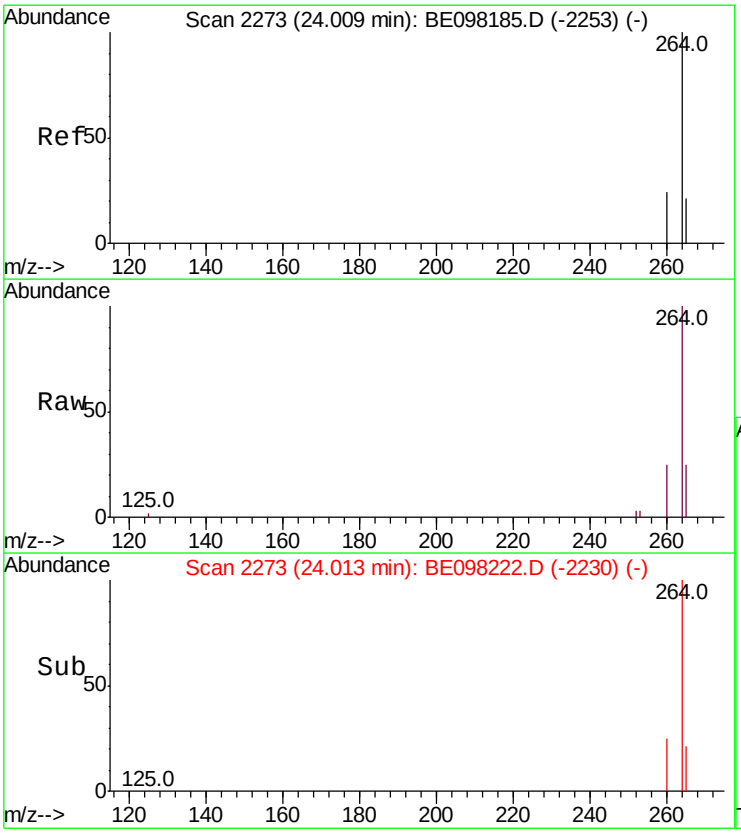
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.70 min Scan# 3024
Delta R.T. 0.01 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14141

Ion	Ratio	Lower	Upper
276	100		
138	21.7	6.4	9.6#
277	24.1	18.9	28.3

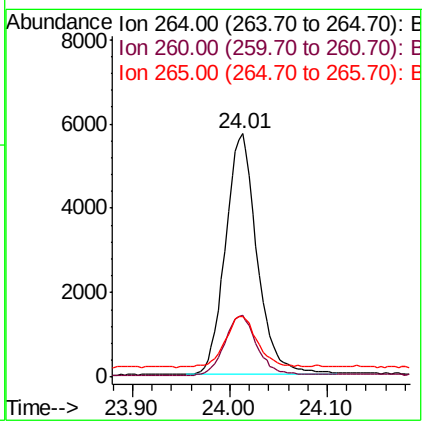


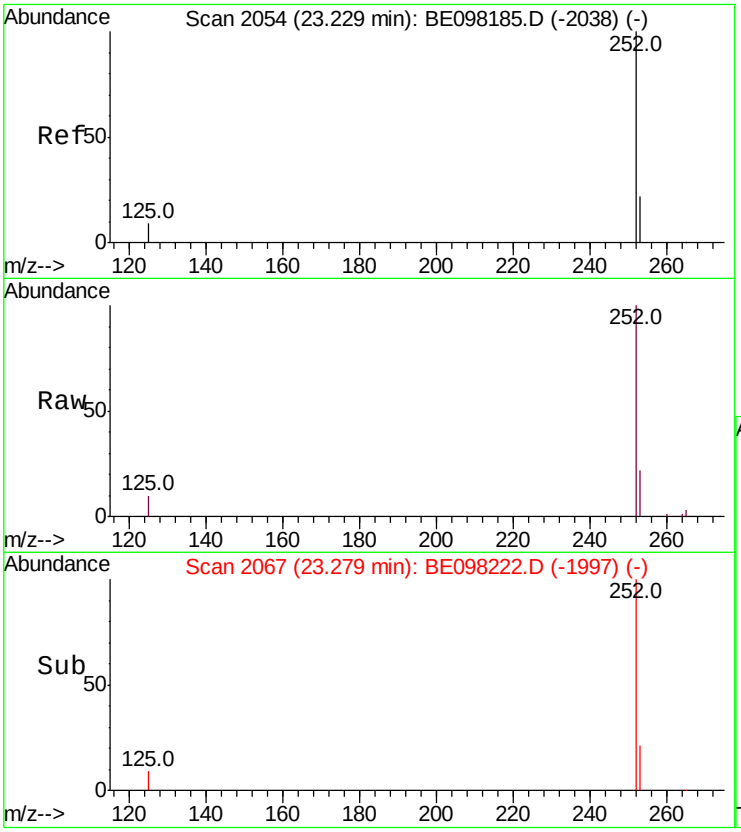


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:264 Resp: 12966

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.9	29.9
265	24.9	21.3	31.9



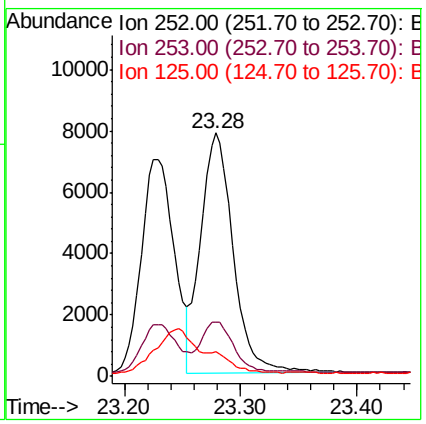


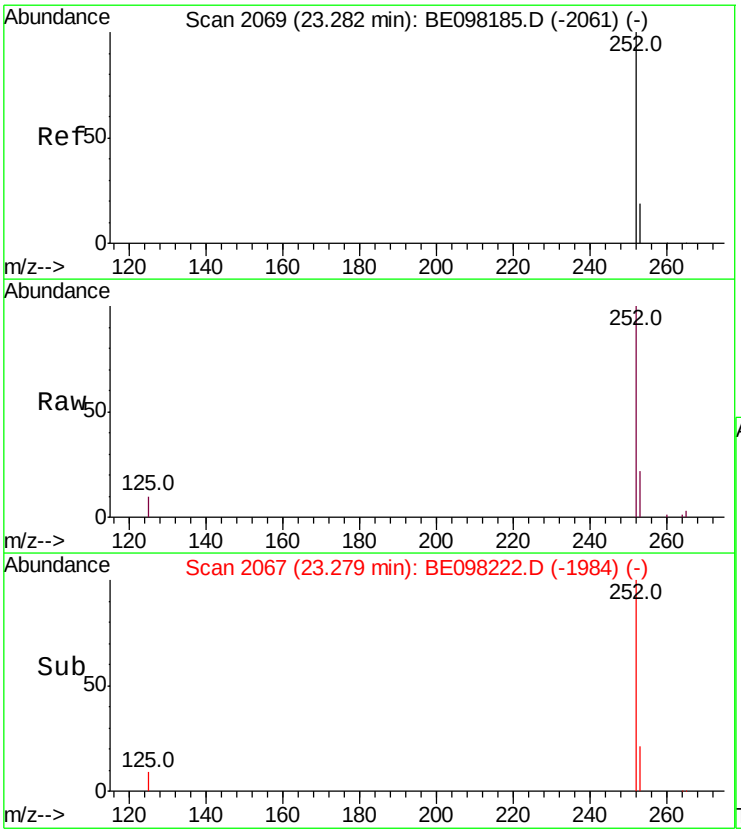
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 23.28 min Scan# 2067
Delta R.T. 0.05 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15130

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.0
125	10.1	8.6	12.8

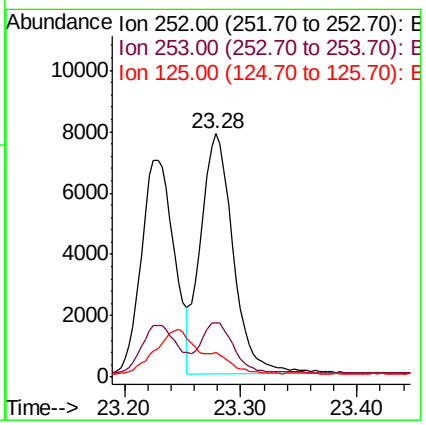


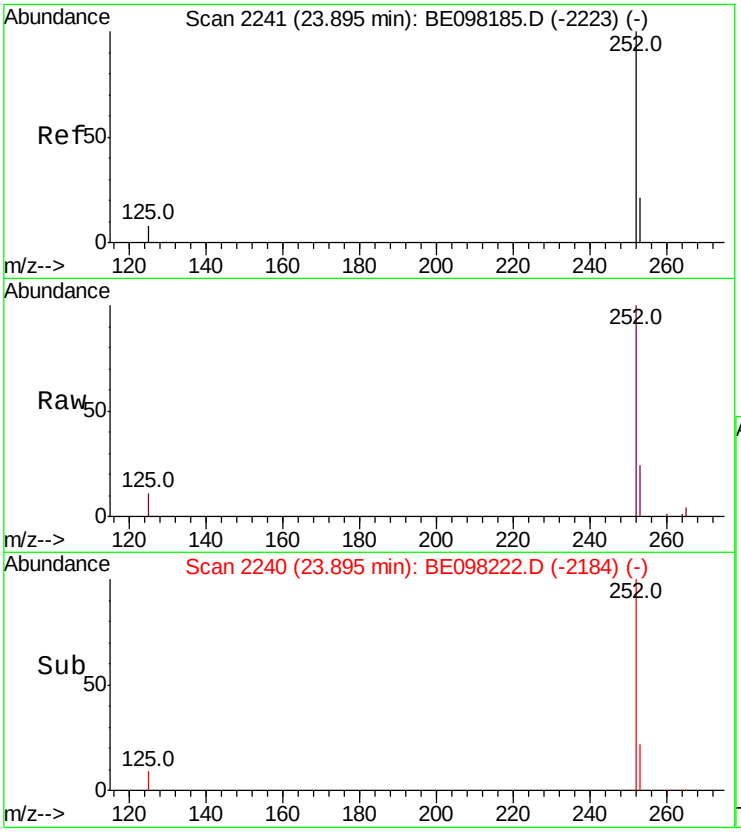


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:252 Resp: 15130

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	10.1	7.4	11.0



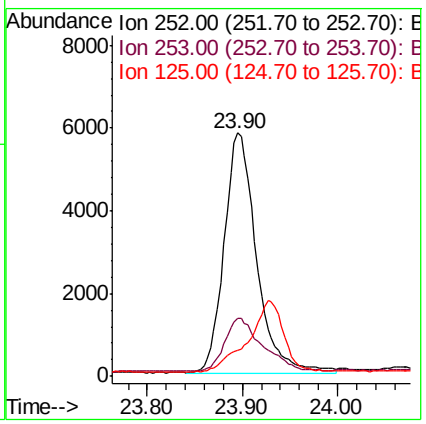


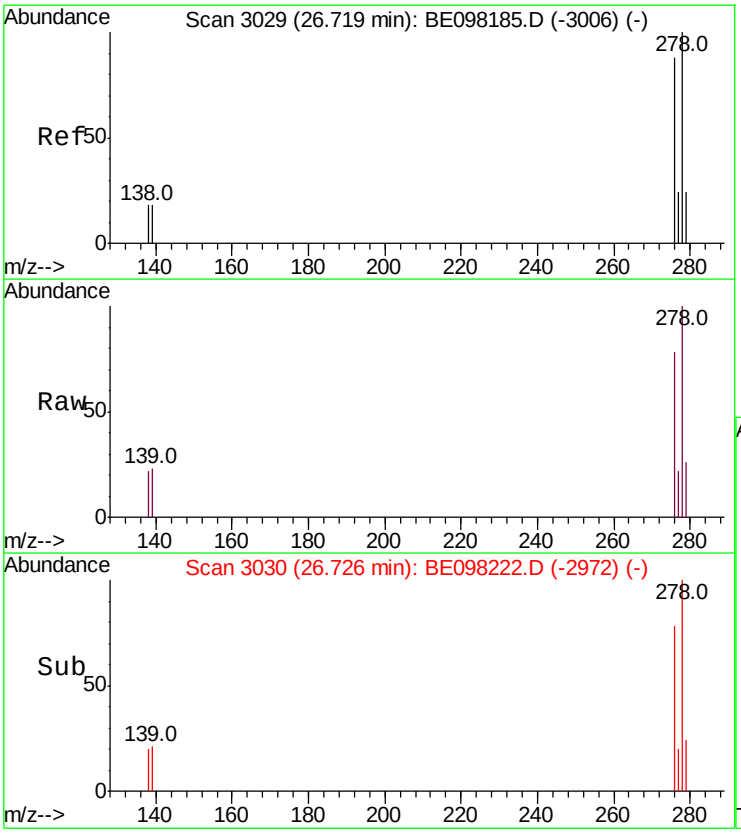
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.90 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13652

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	10.5	8.0	12.0

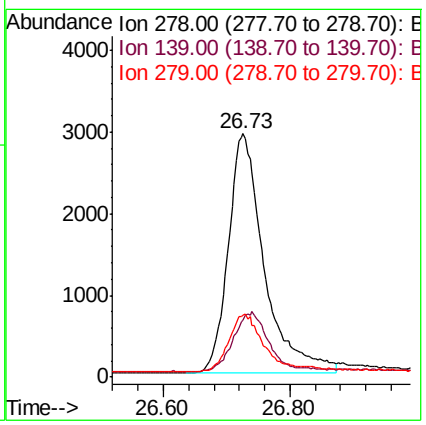


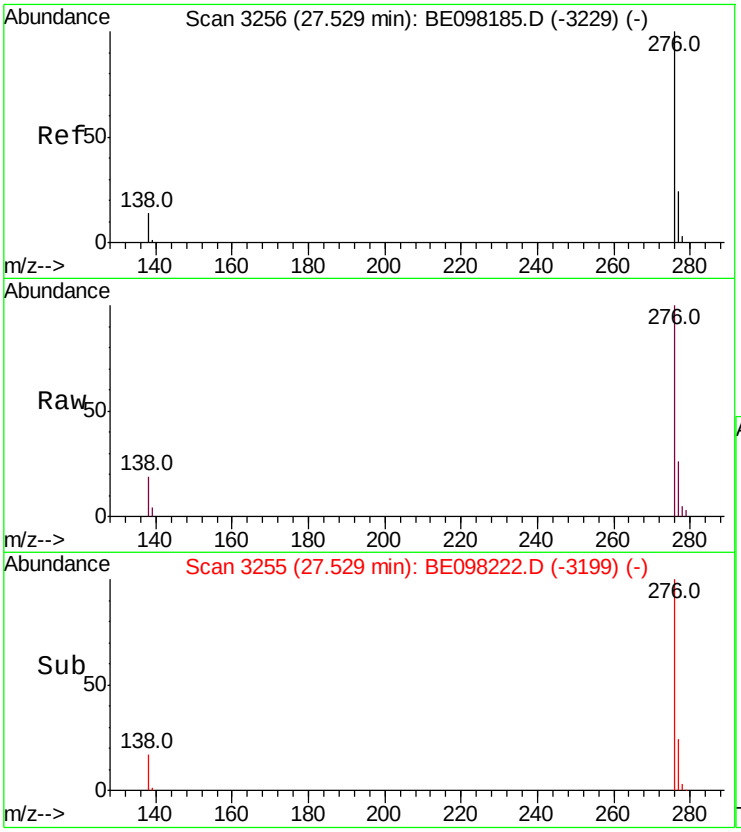


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:278 Resp: 11576

Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.4	24.6
279	25.6	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.365 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11447

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.4	30.6
138	18.8	13.2	19.8