Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098277.D
Acq On : 29 Nov 2018 17:03
Operator : SJ/JU
Sample : J6047-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 29 17:46:49 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	1677	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6820	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4196	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10082	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11019	0.40	ng	0.00
34) Perylene-d12	24.01	264	10655	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1321	0.30	ng	0.01
5) Phenol-d6	7.04	99	1261	0.20	ng	0.00
8) Nitrobenzene-d5	9.02	82	2919	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	7185	0.65	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	968	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9874	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	60894	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12950	0.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	508	0.153	ng	# 41
3) n-Nitrosodimethylamine	3.68	42	704	0.219	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2174	0.374	ng	89
9) Naphthalene	10.71	128	32041	0.468	ng	99
10) Hexachlorobutadiene	10.99	225	1533	0.349	ng	98
12) 2-Methylnaphthalene	12.34	142	5408	0.475	ng	99
16) Acenaphthylene	14.24	152	9048	0.462	ng	99
17) Acenaphthene	14.59	154	5150	0.441	ng	99
18) Fluorene	15.57	166	7365	0.476	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2540	0.445	ng	97
21) Hexachlorobenzene	16.58	284	2466	0.418	ng	96
22) Pentachlorophenol	16.94	266	1743	0.829	ng	94
23) Phenanthrene	17.31	178	12265	0.490	ng	99
24) Anthracene	17.41	178	11475	0.492	ng	99
26) Fluoranthene	19.34	202	15692	0.459	ng	99
28) Pyrene	19.70	202	15781	0.517	ng	99
30) Benzo(a)anthracene	21.45	228	15439	0.476	ng	99
31) Chrysene	21.50	228	15400	0.467	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	39064	0.503	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	16515	0.496	ng	99
35) Benzo(b)fluoranthene	23.28	252	15186	0.486	ng	98
36) Benzo(k)fluoranthene	23.28	252	15186	0.463	ng	100
37) Benzo(a)pyrene	23.90	252	14757	0.490	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	13693	0.480	ng	99
39) Benzo(g,h,i)perylene	27.53	276	13900	0.486	ng	99

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

Quantitation Report (Not Reviewed)

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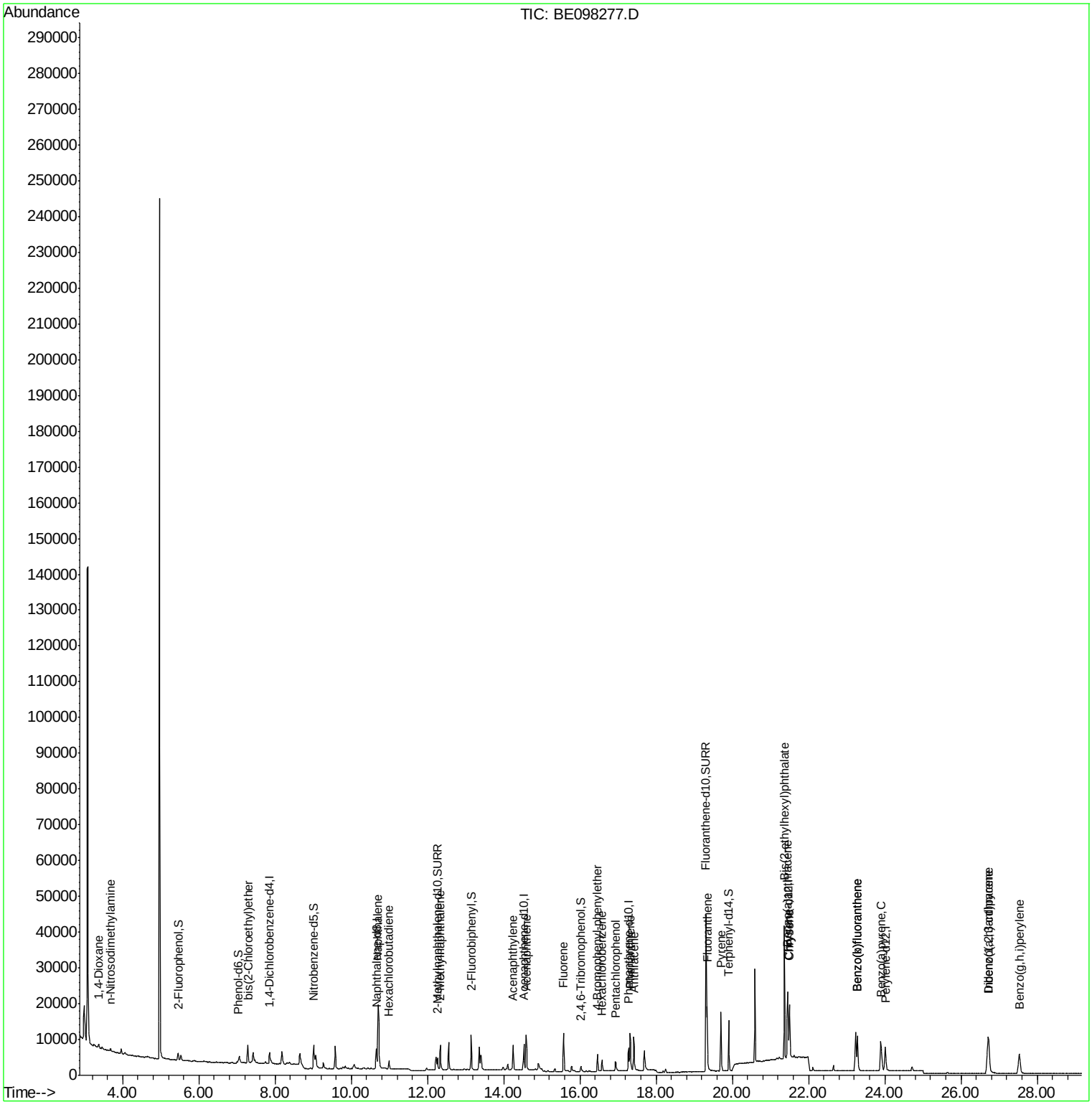
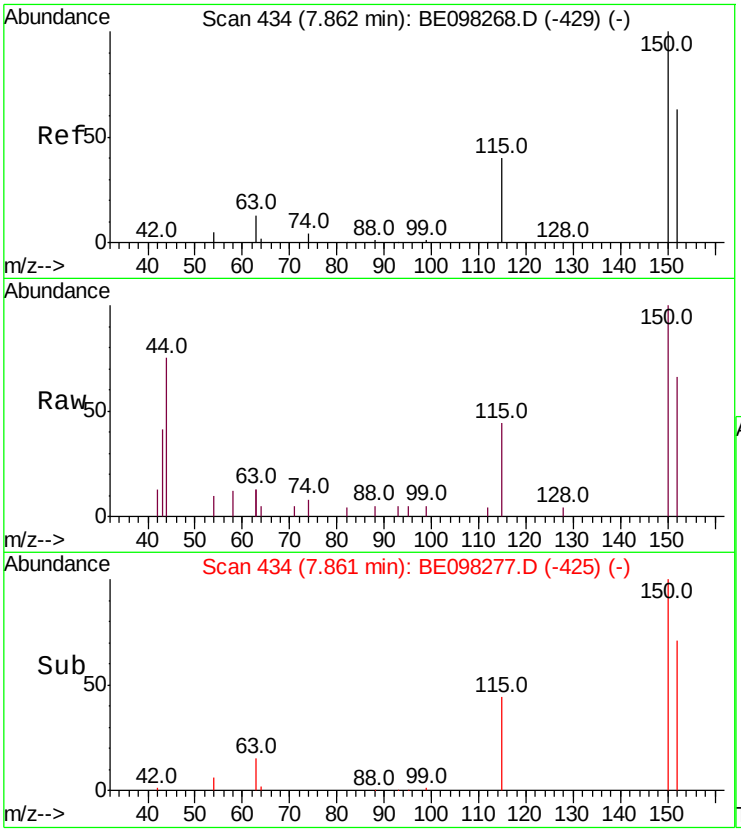
Data File : BE098277.D
Acq On : 29 Nov 2018 17:03
Operator : SJ/JU
Sample : J6047-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 29 17:46:49 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



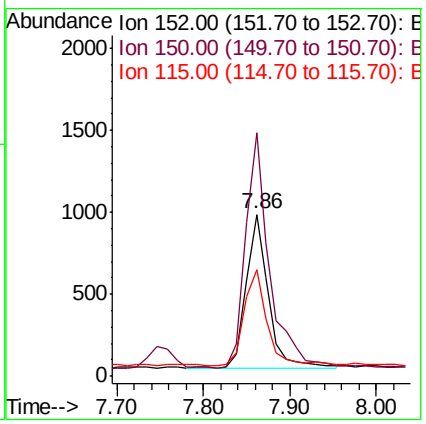


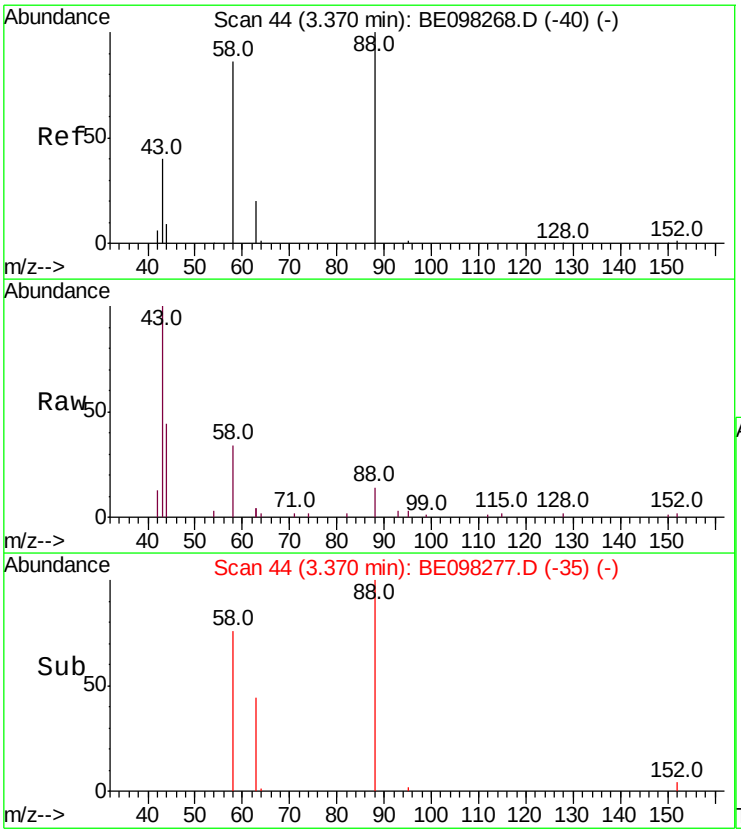
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1677

Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.2	186.4
115	66.2	53.9	80.9

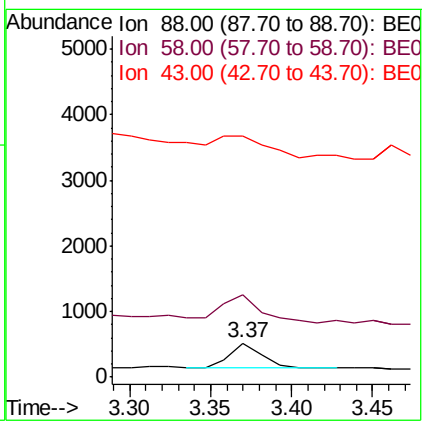


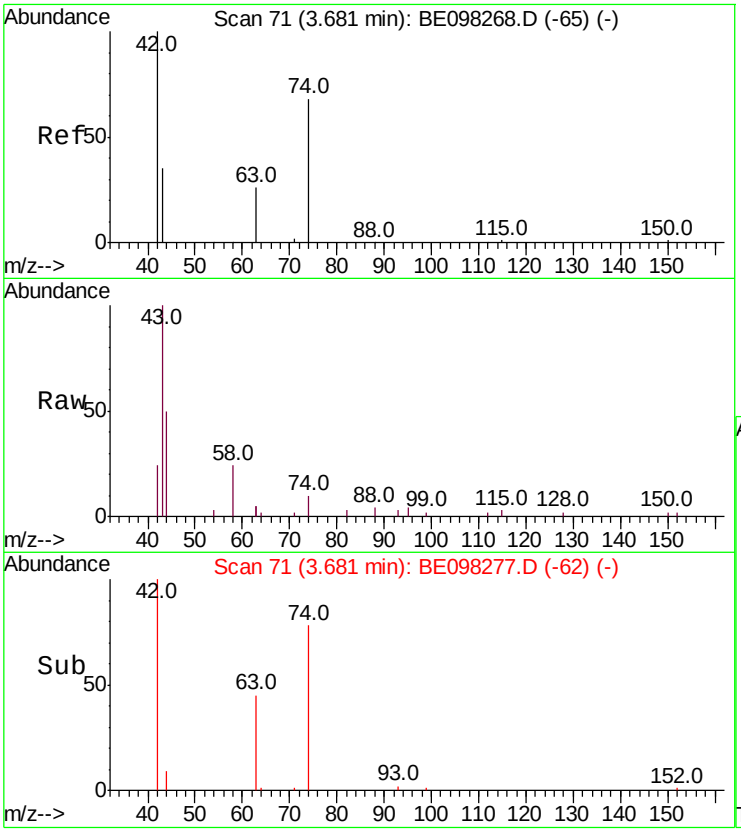


#2
1,4-Dioxane
Concen: 0.153 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion: 88 Resp: 508

Ion	Ratio	Lower	Upper
88	100		
58	138.4	75.0	112.6#
43	105.5	38.3	57.5#



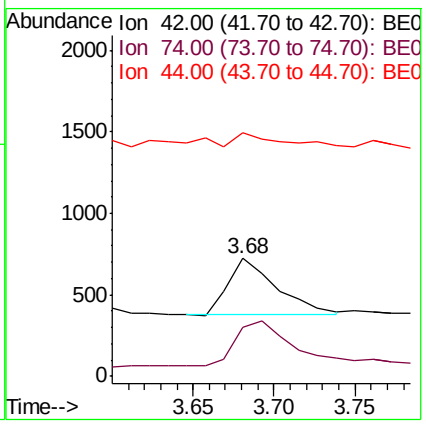


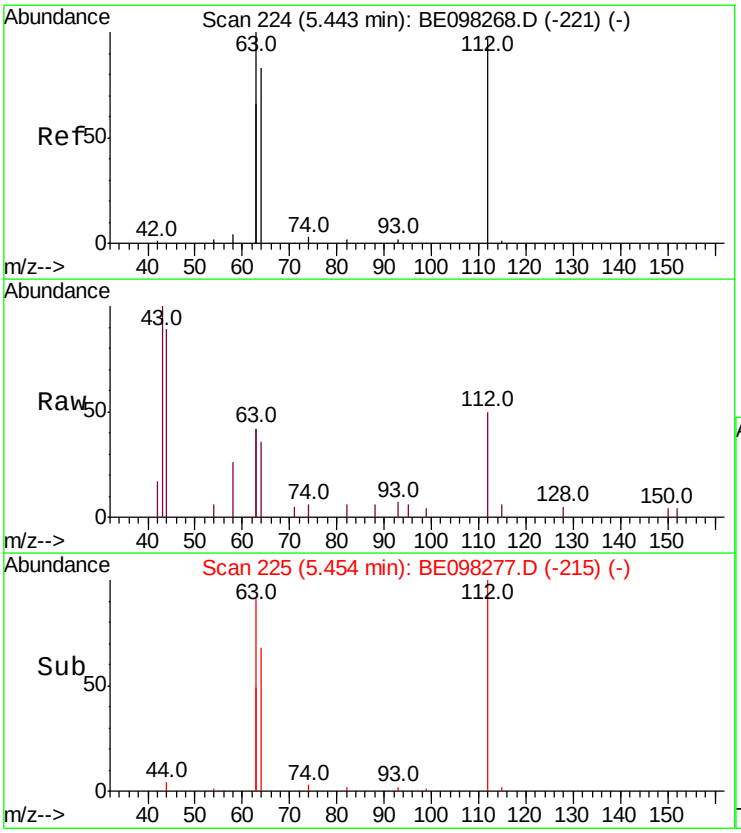
#3
n-Nitrosodimethylamine
Concen: 0.219 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 704

Ion	Ratio	Lower	Upper
42	100		
74	100.4	0.0	0.0#
44	25.9	0.0	0.0#

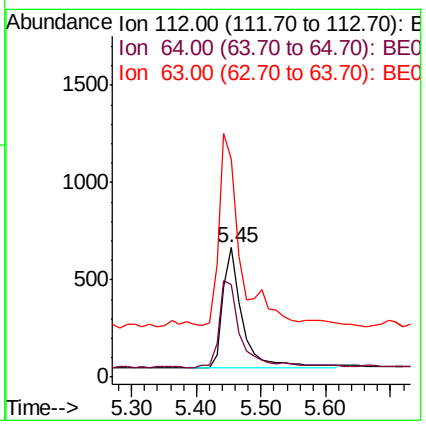


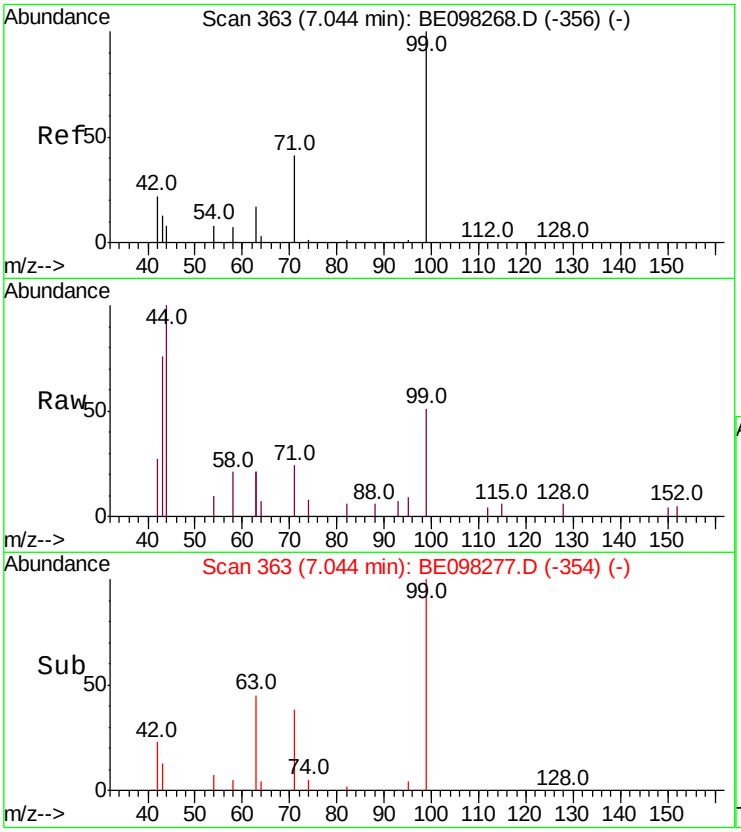


#4
2-Fluorophenol
Concen: 0.295 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:112 Resp: 1321

Ion	Ratio	Lower	Upper
112	100		
64	79.0	59.8	89.8
63	170.3	133.7	200.5



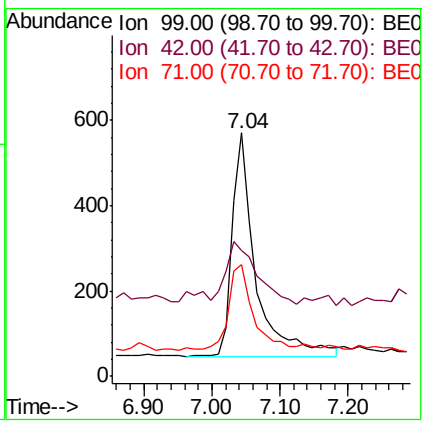


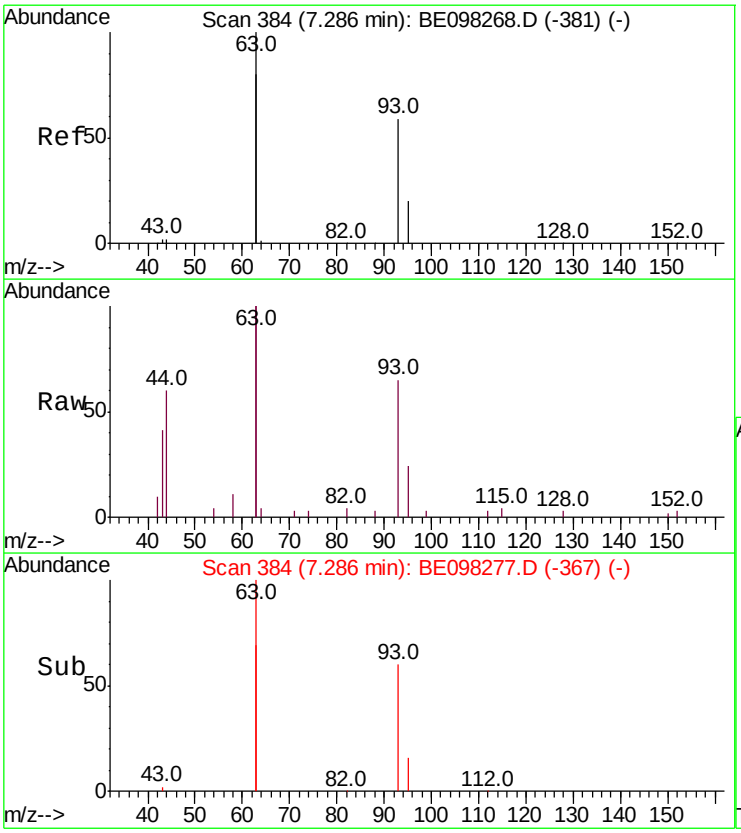
#5
Phenol-d6
Concen: 0.200 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1261

Ion	Ratio	Lower	Upper
99	100		
42	36.2	26.3	39.5
71	39.1	33.6	50.4

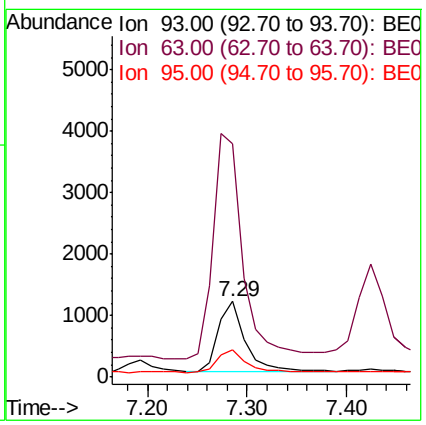


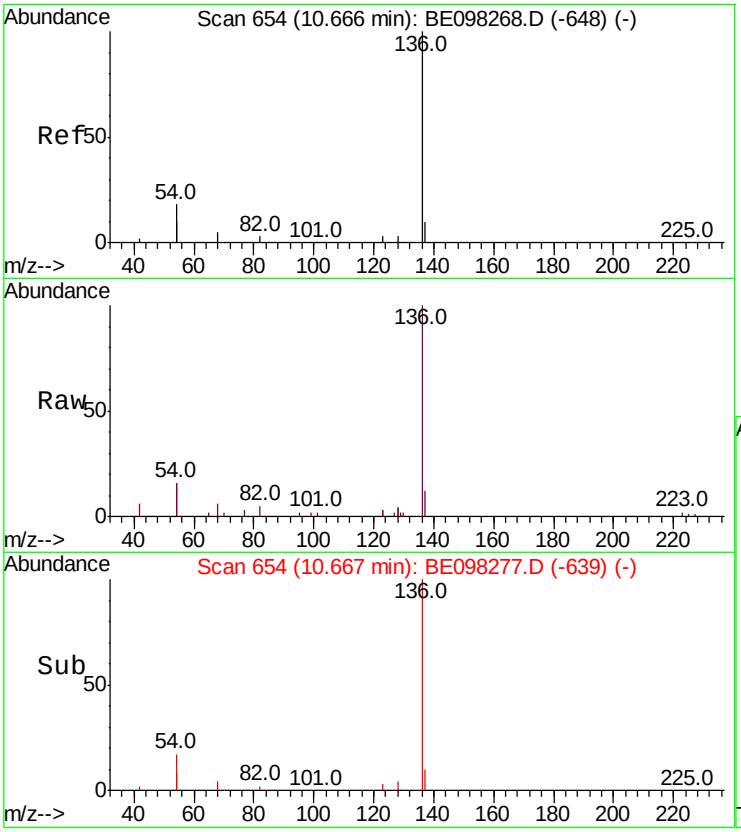


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion: 93 Resp: 2174

Ion	Ratio	Lower	Upper
93	100		
63	354.9	264.4	396.6
95	37.2	26.6	40.0



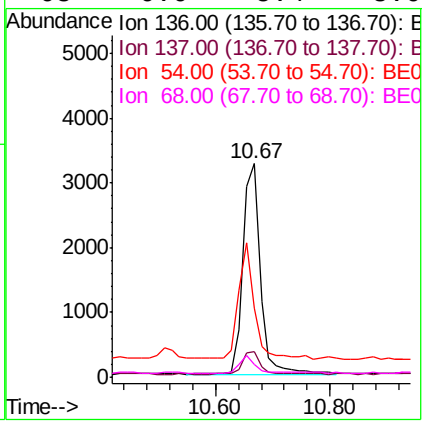


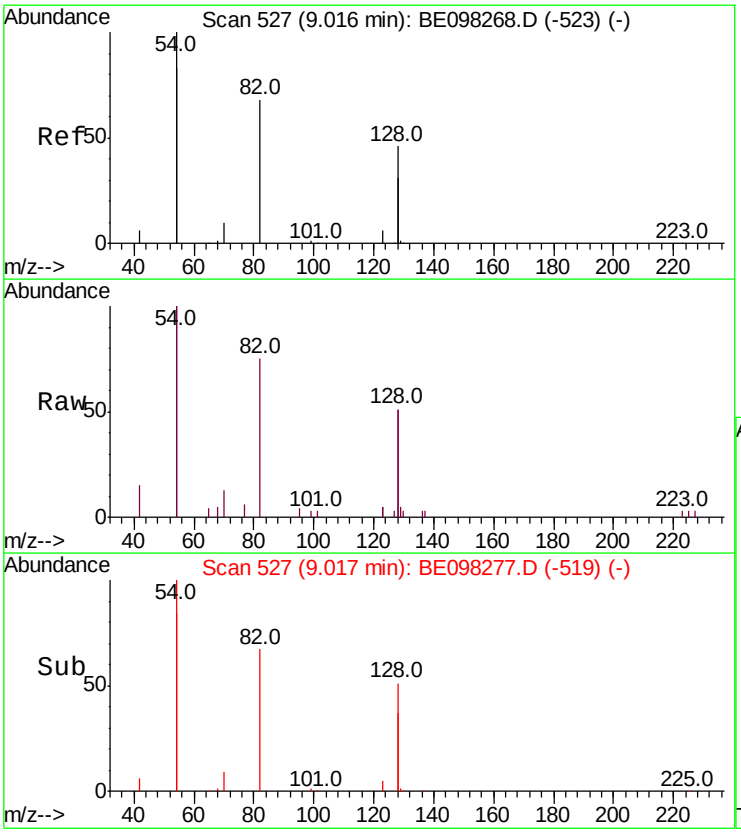
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6820

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	32.6	28.4	42.6
68	6.0	5.4	8.0

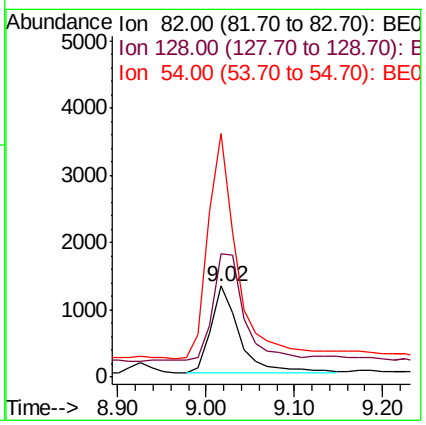


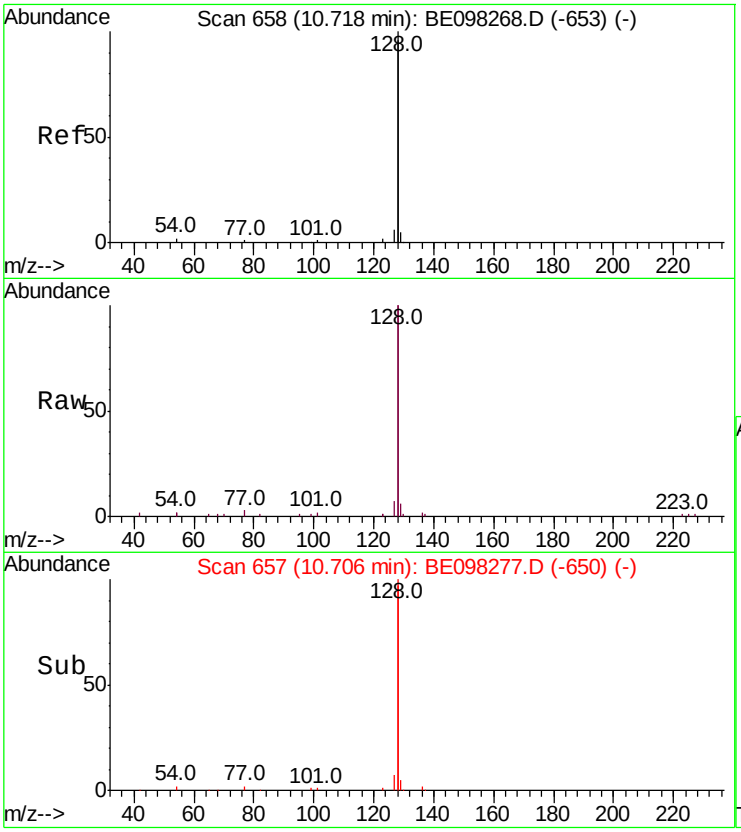


#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion: 82 Resp: 2919

Ion	Ratio	Lower	Upper
82	100		
128	135.1	102.4	153.6
54	267.1	221.8	332.8



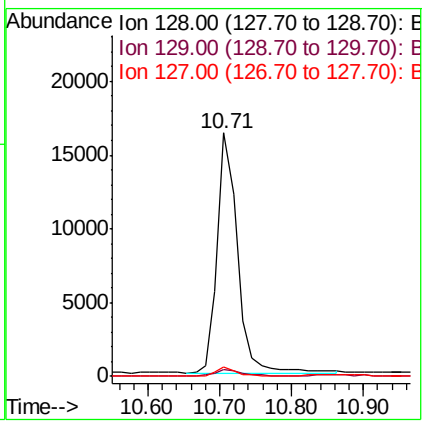


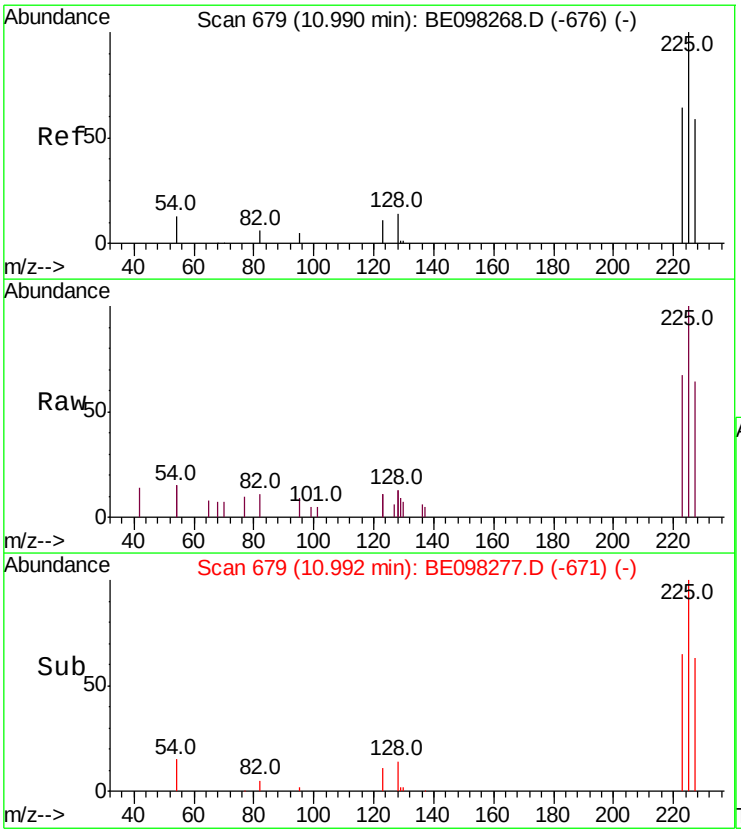
#9
Naphthalene
Concen: 0.468 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 32041

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.7	2.7	4.1

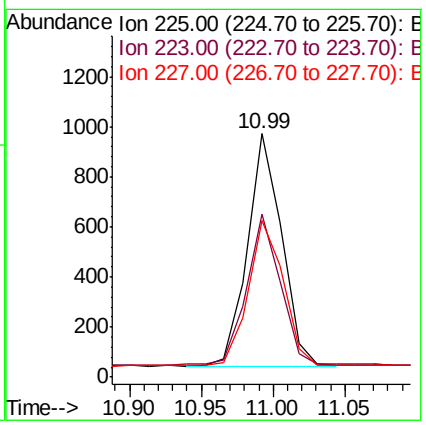


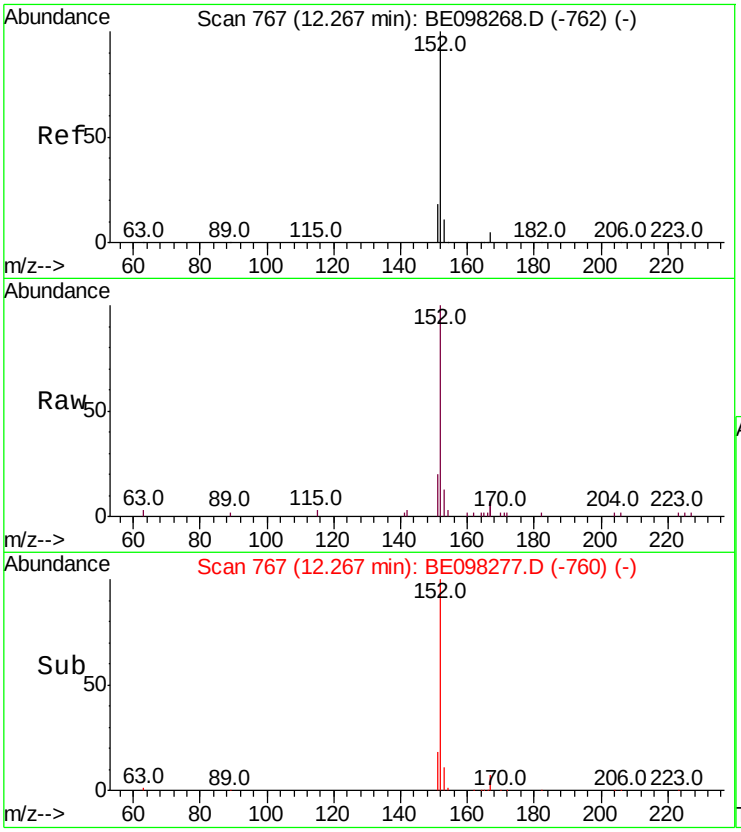


#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:225 Resp: 1533

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	64.1	52.0	78.0



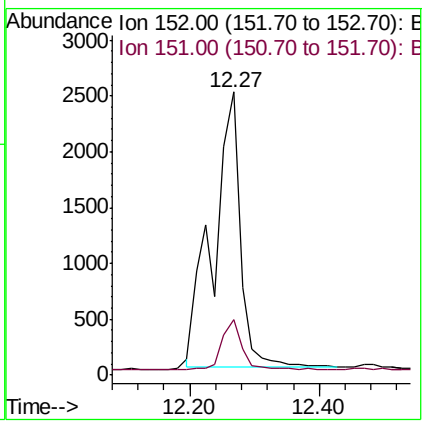


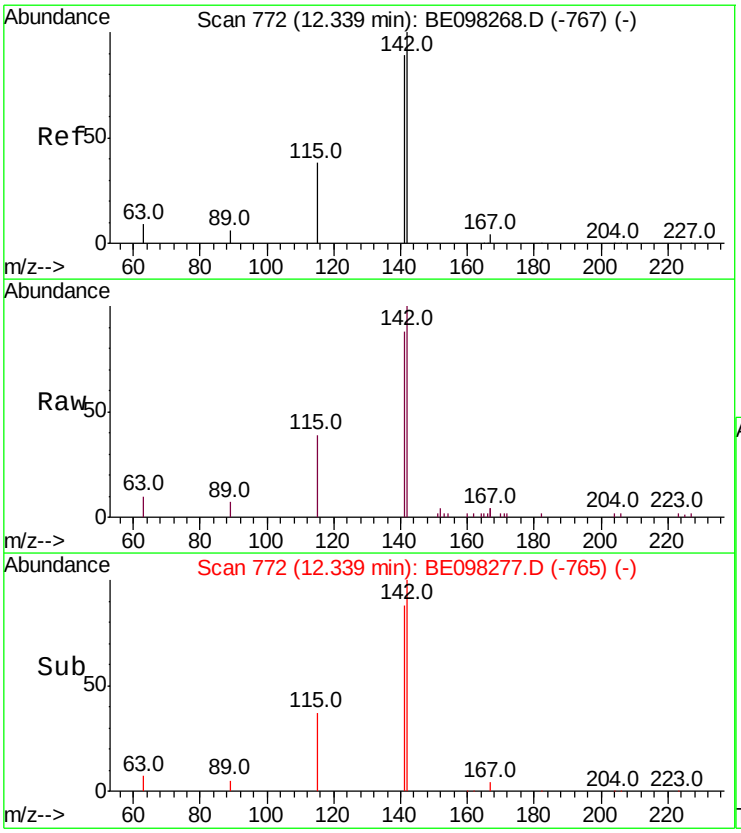
#11
2-Methylnaphthalene-d10
Concen: 0.649 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7185

Ion	Ratio	Lower	Upper
152	100		
151	12.7	16.2	24.4#

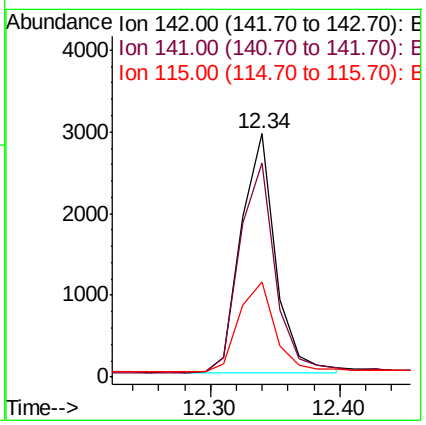


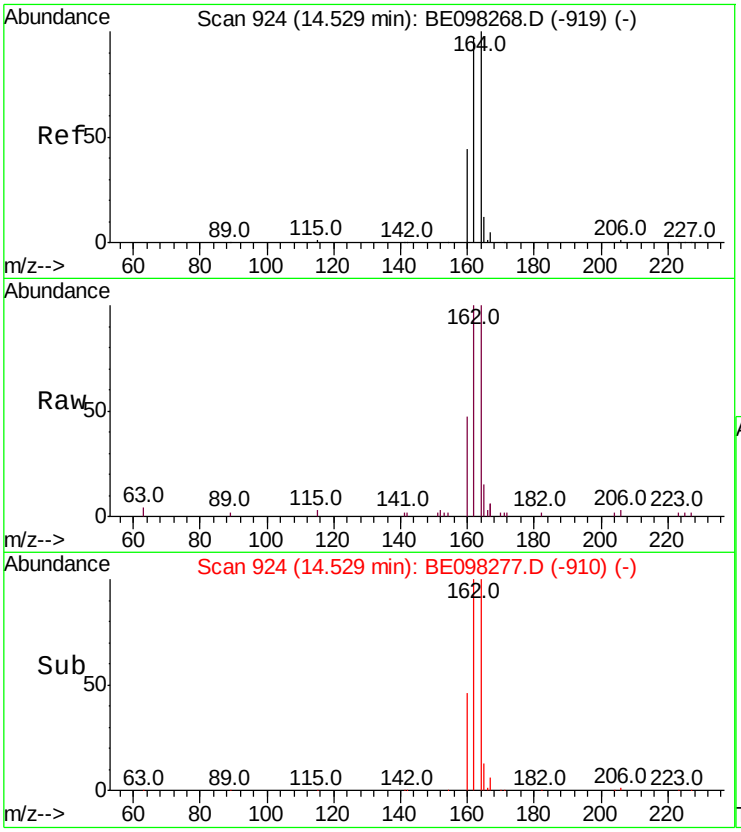


#12
2-Methylnaphthalene
Concen: 0.475 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:142 Resp: 5408

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	39.0	32.2	48.2



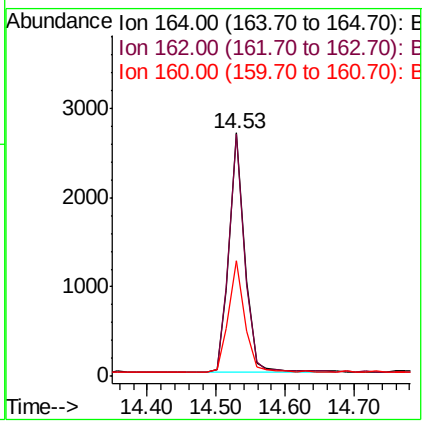


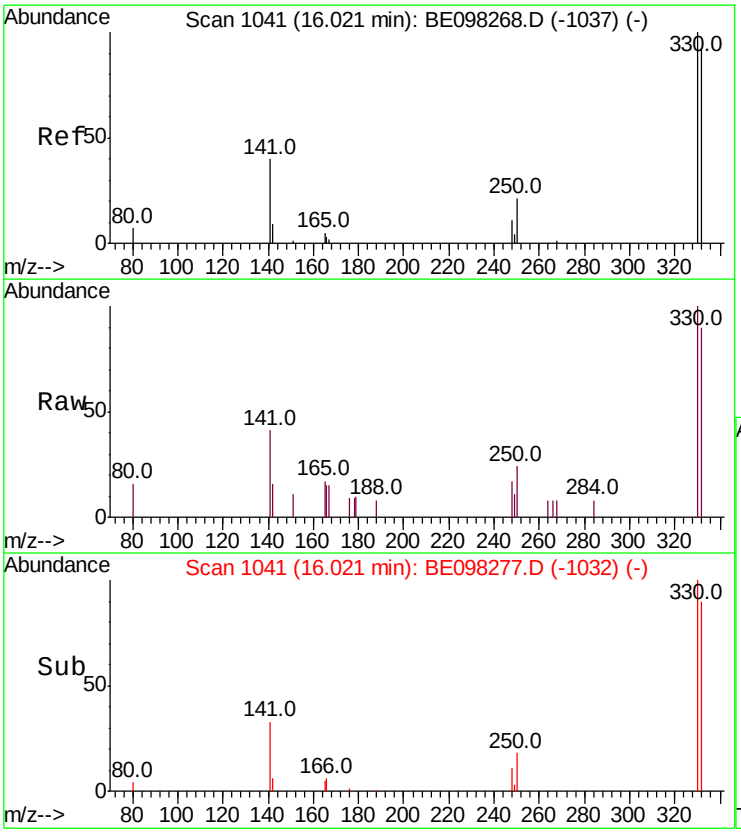
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4196

Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.6	116.4
160	47.3	36.0	54.0

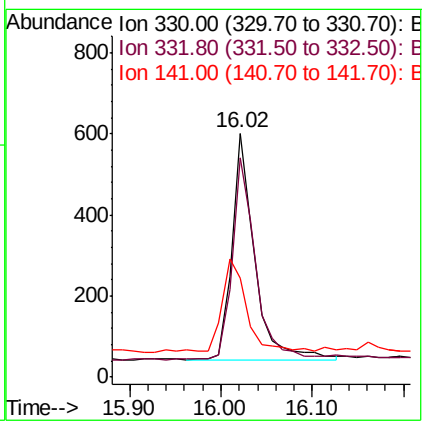


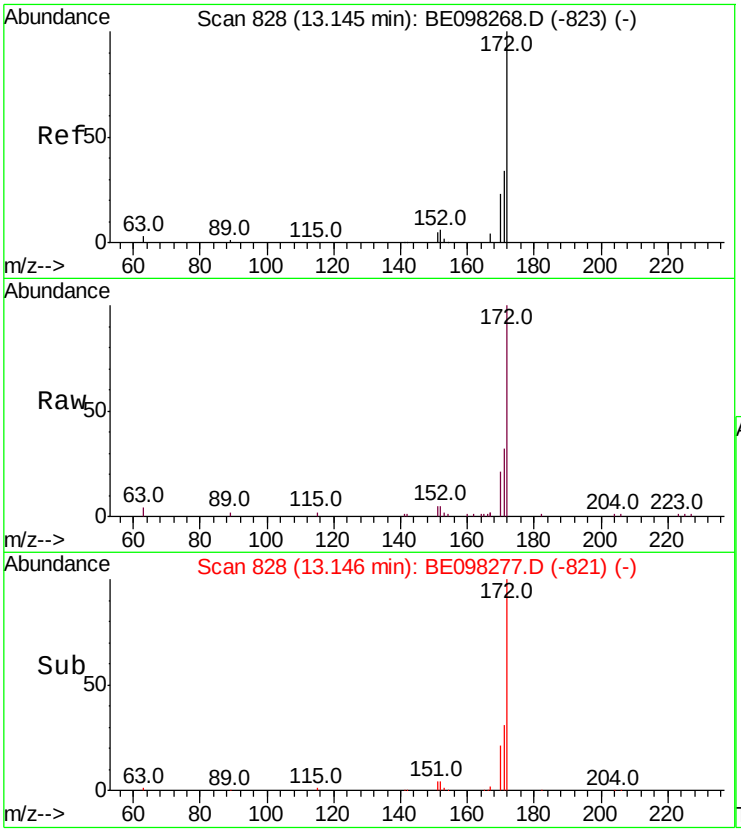


#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:330 Resp: 968

Ion	Ratio	Lower	Upper
330	100		
332	90.6	76.2	114.4
141	42.3	39.0	58.4



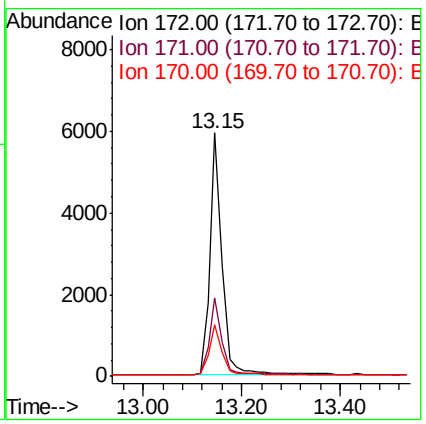


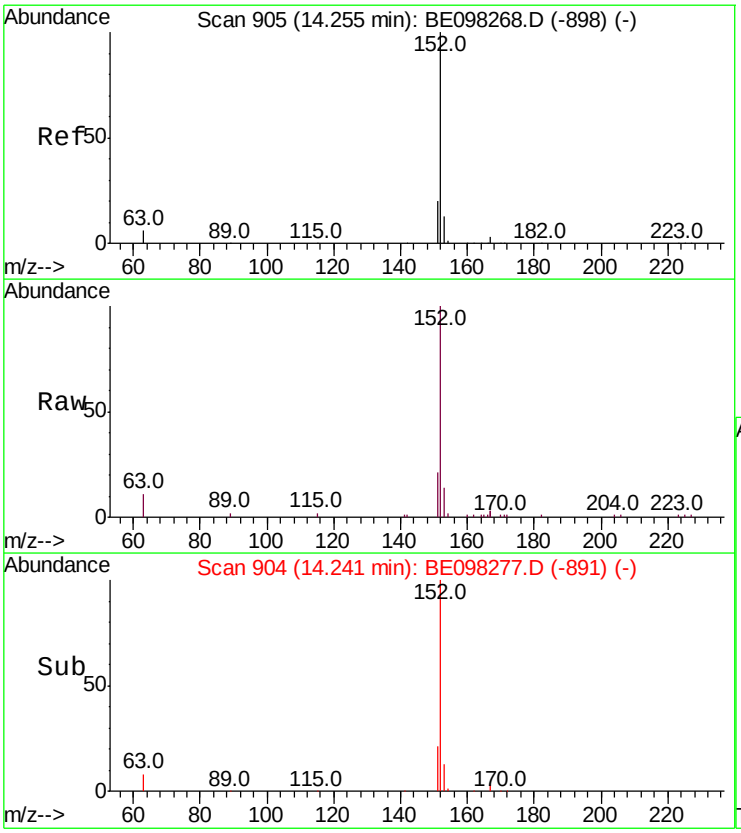
#15
2-Fluorobiphenyl
Concen: 0.568 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9874

Ion	Ratio	Lower	Upper
172	100		
171	32.0	27.5	41.3
170	21.4	19.6	29.4

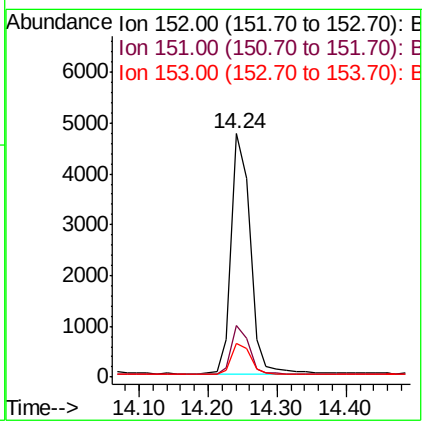


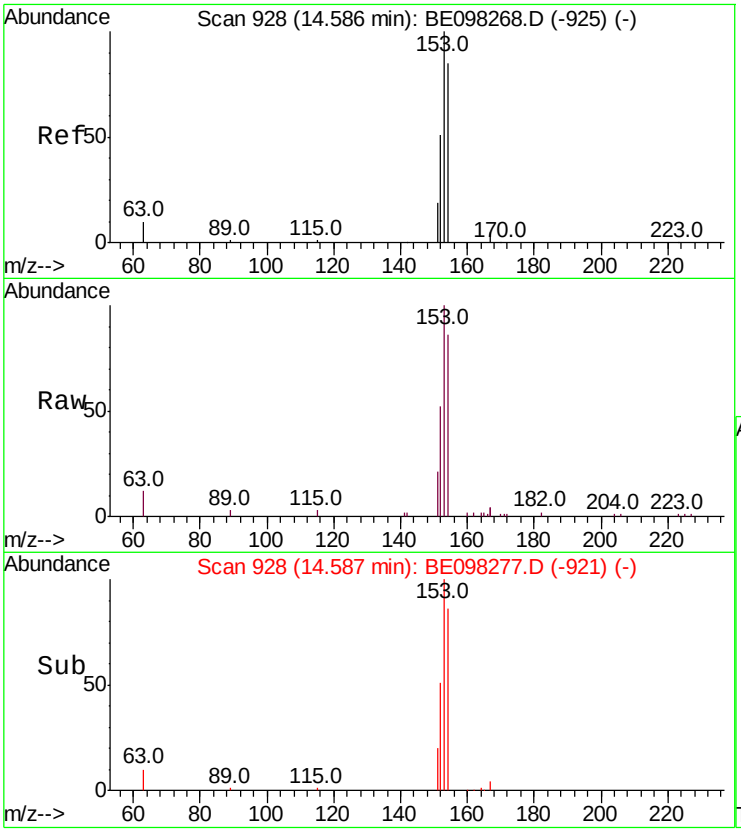


#16
Acenaphthylene
Concen: 0.462 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:152 Resp: 9048

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.9	10.6	16.0



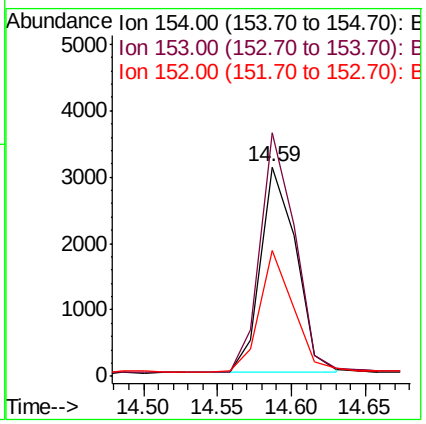


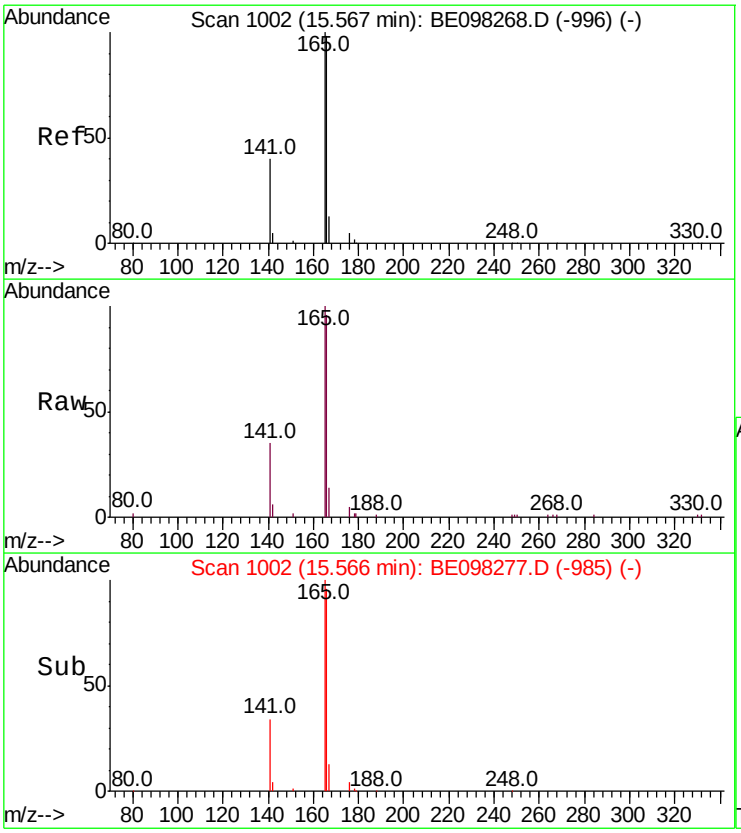
#17
Acenaphthene
Concen: 0.441 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5150

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.8	137.6
152	56.6	45.5	68.3

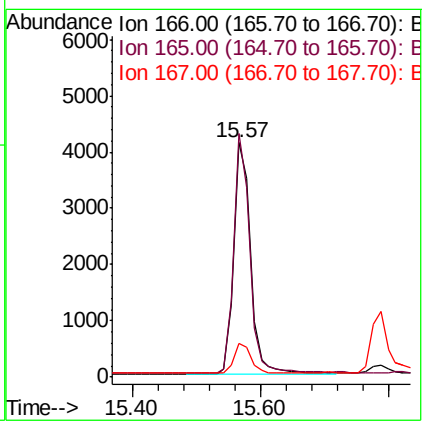


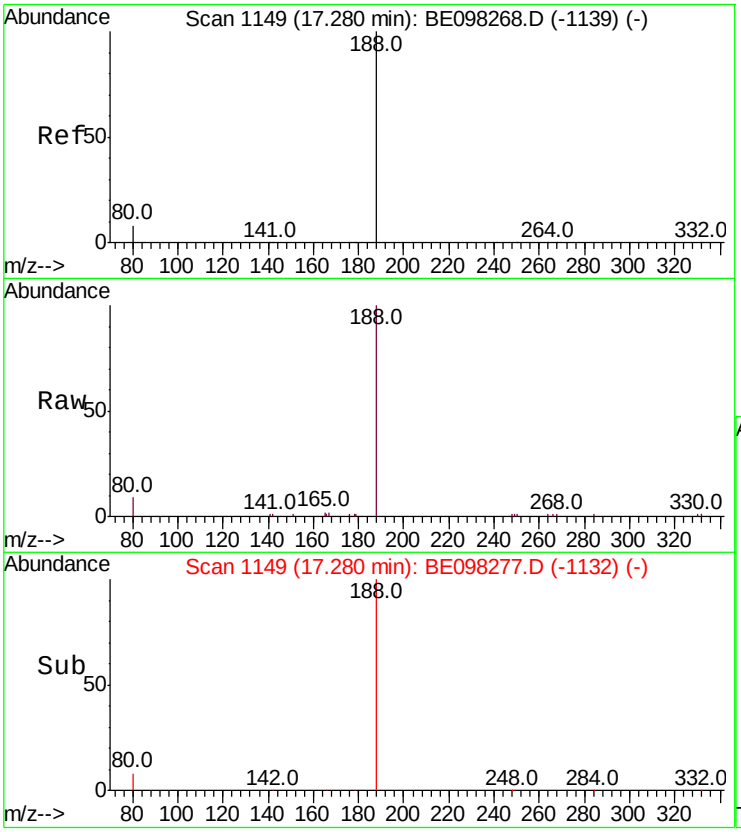


#18
Fluorene
Concen: 0.476 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:166 Resp: 7365

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.3	118.9
167	13.0	11.3	16.9



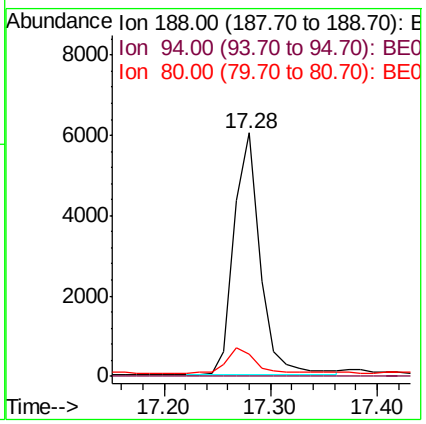


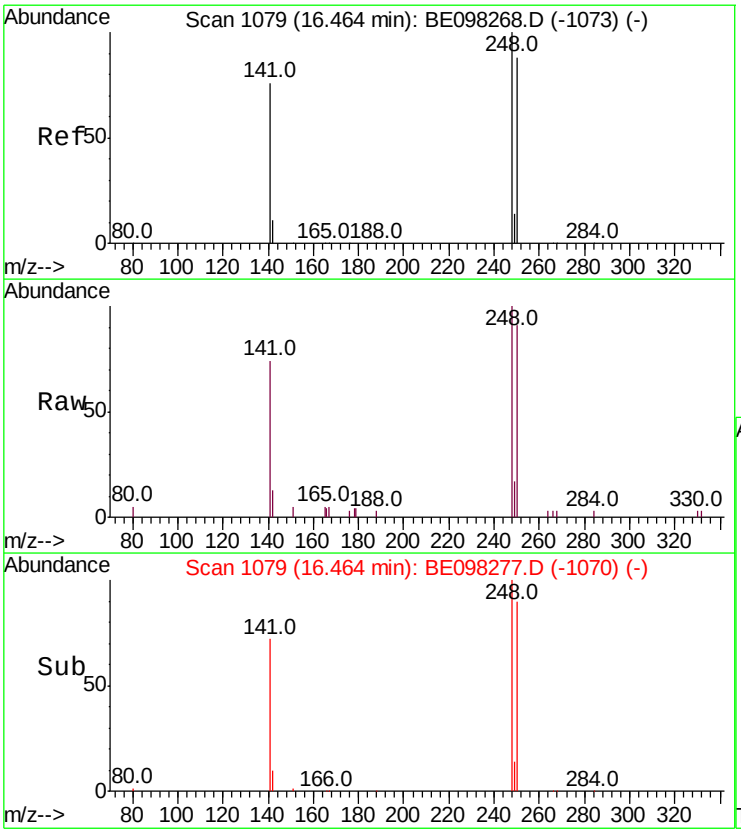
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10082

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.2	10.8

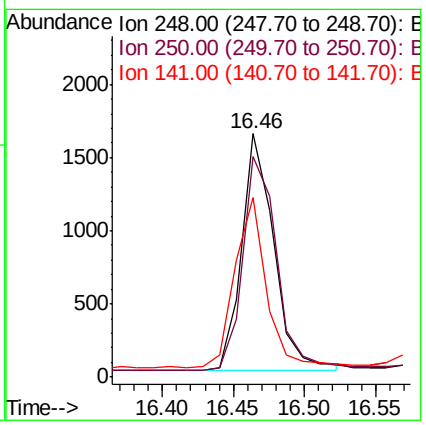


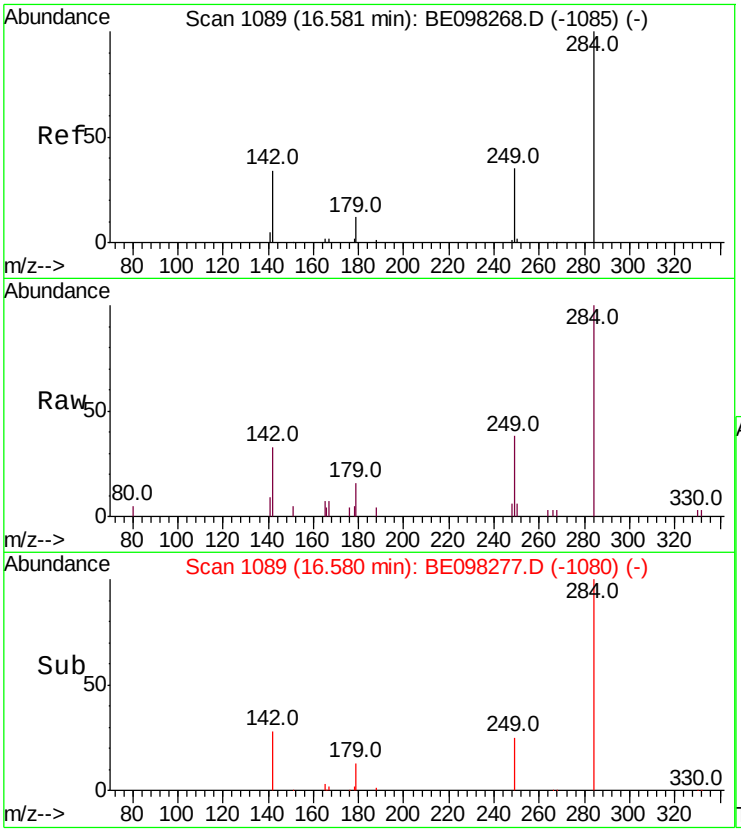


#20
4-Bromophenyl-phenylether
Concen: 0.445 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:248 Resp: 2540

Ion	Ratio	Lower	Upper
248	100		
250	90.5	71.0	106.6
141	73.9	62.1	93.1



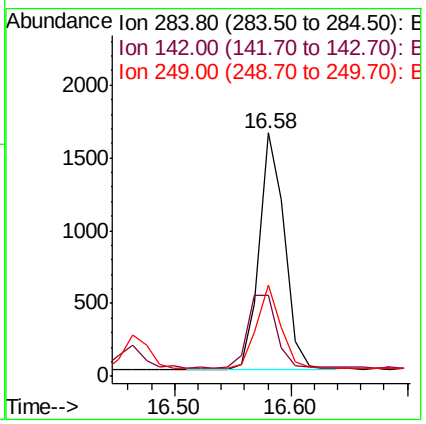


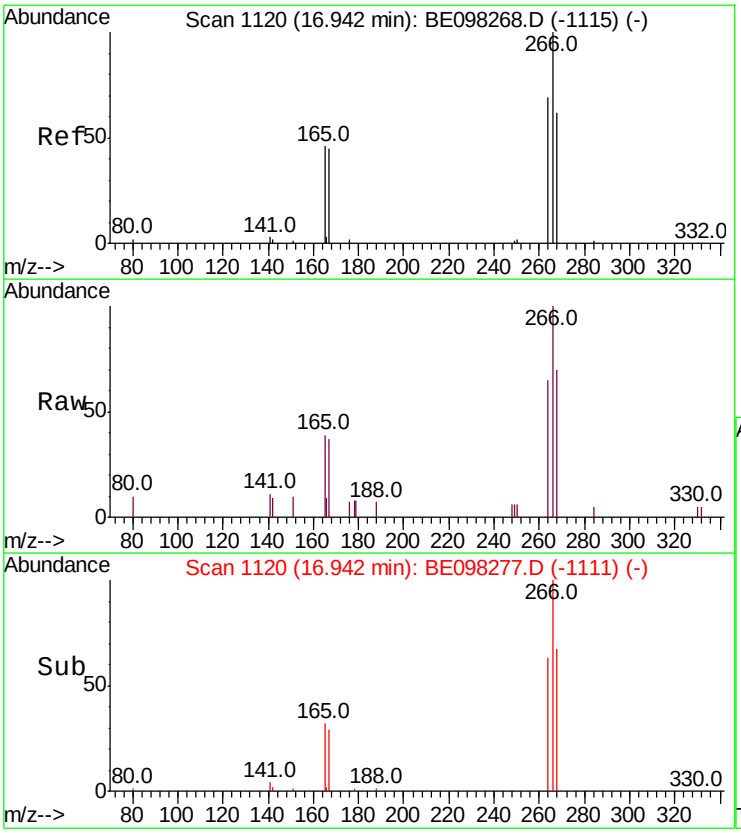
#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2466

Ion	Ratio	Lower	Upper
284	100		
142	36.2	26.3	39.5
249	33.3	26.0	39.0

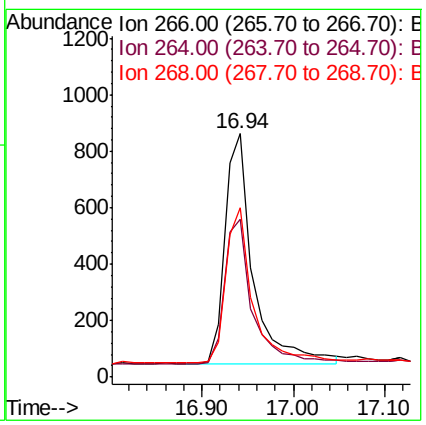


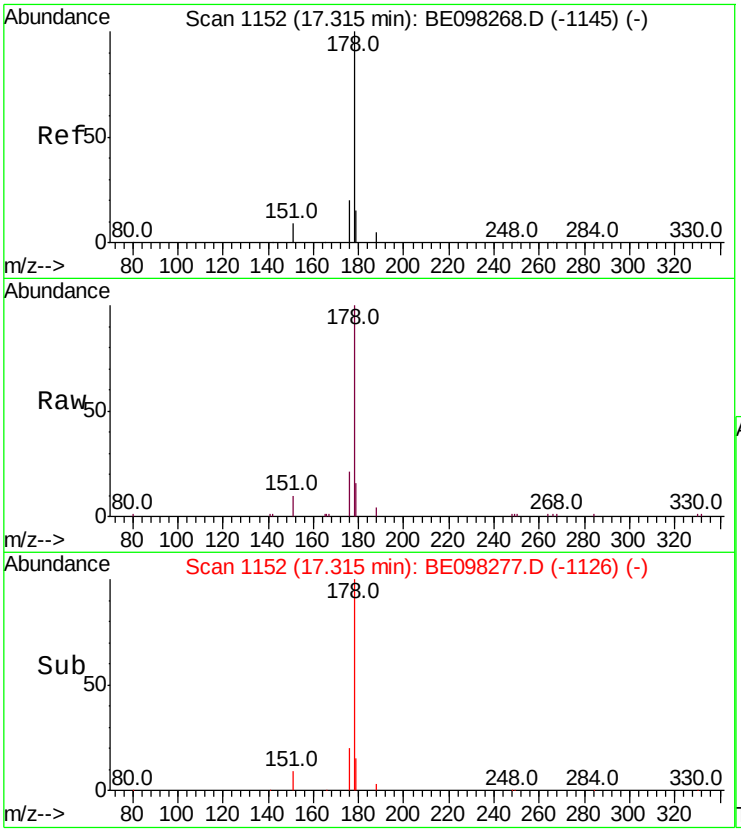


#22
Pentachlorophenol
Concen: 0.829 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:266 Resp: 1743

Ion	Ratio	Lower	Upper
266	100		
264	64.7	59.0	88.4
268	69.7	55.1	82.7



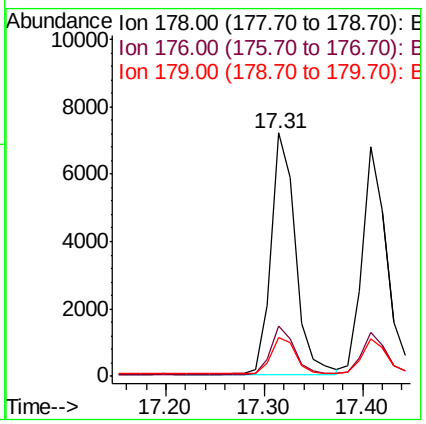


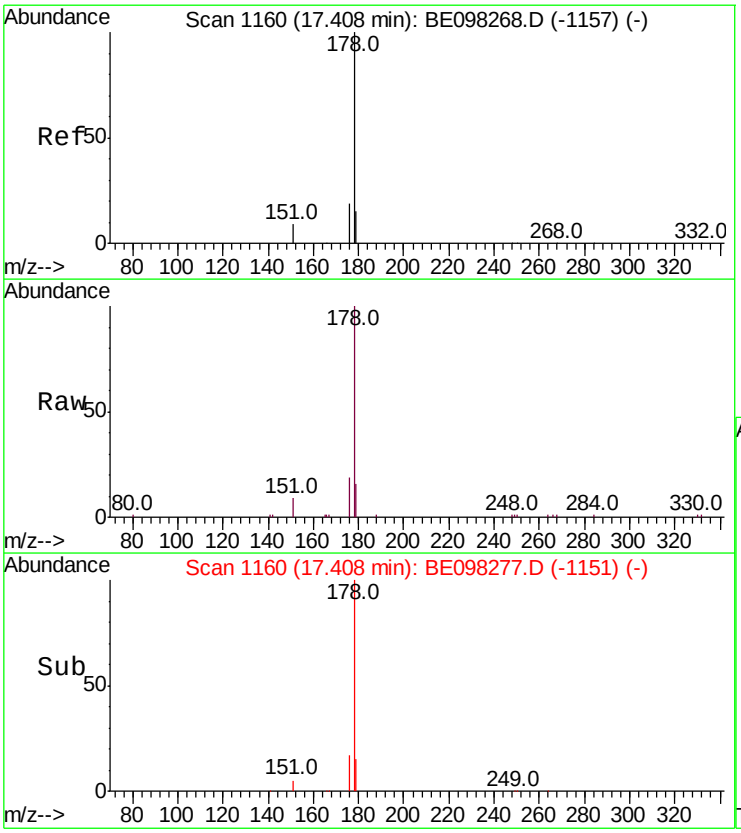
#23
Phenanthrene
Concen: 0.490 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12265

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.6	12.3	18.5

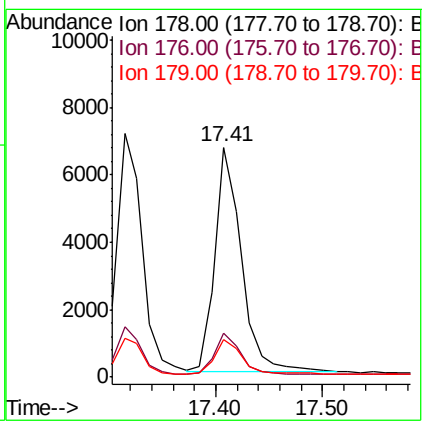


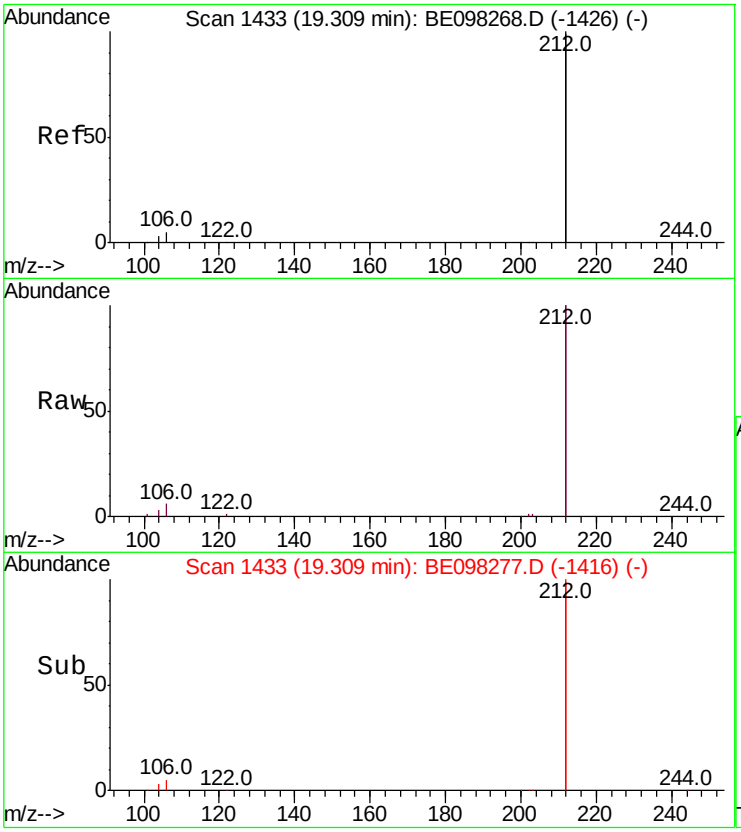


#24
Anthracene
Concen: 0.492 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:178 Resp: 11475

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.5	12.3	18.5



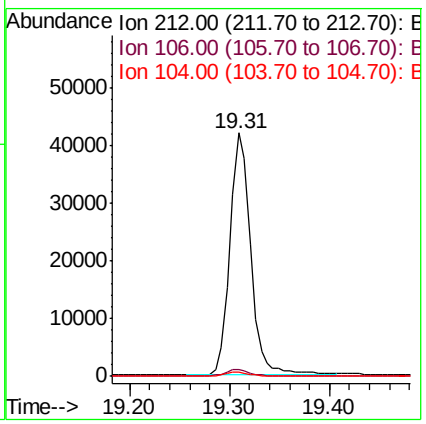


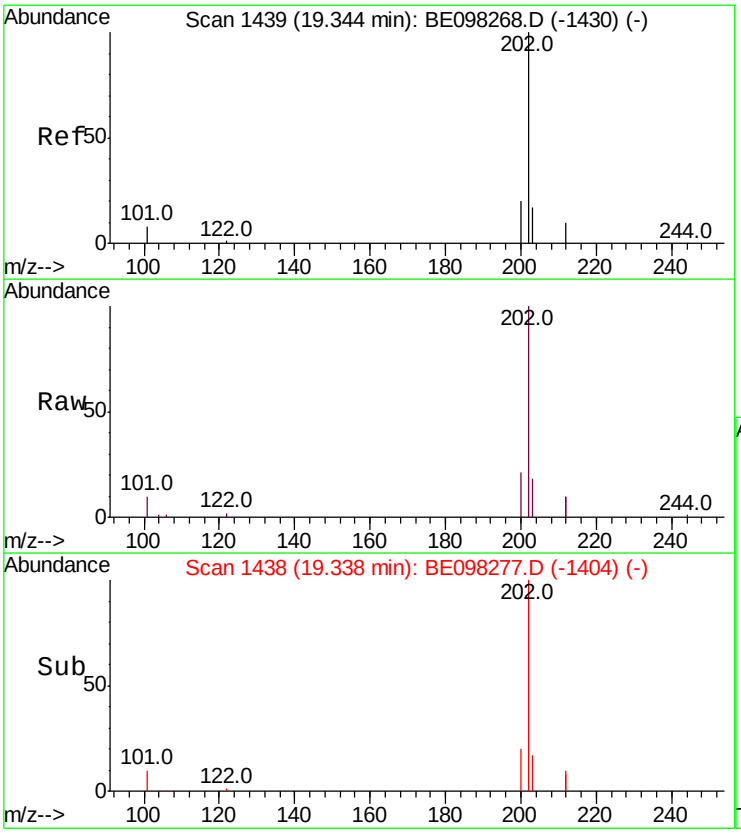
#25
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 60894

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.3	1.9

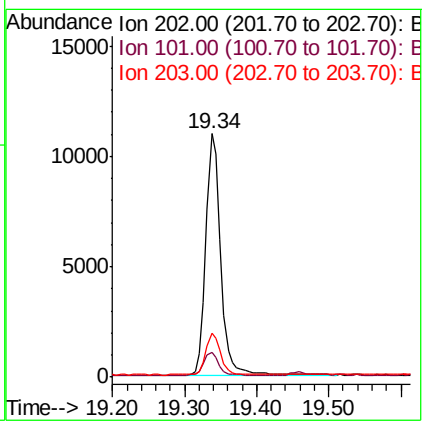


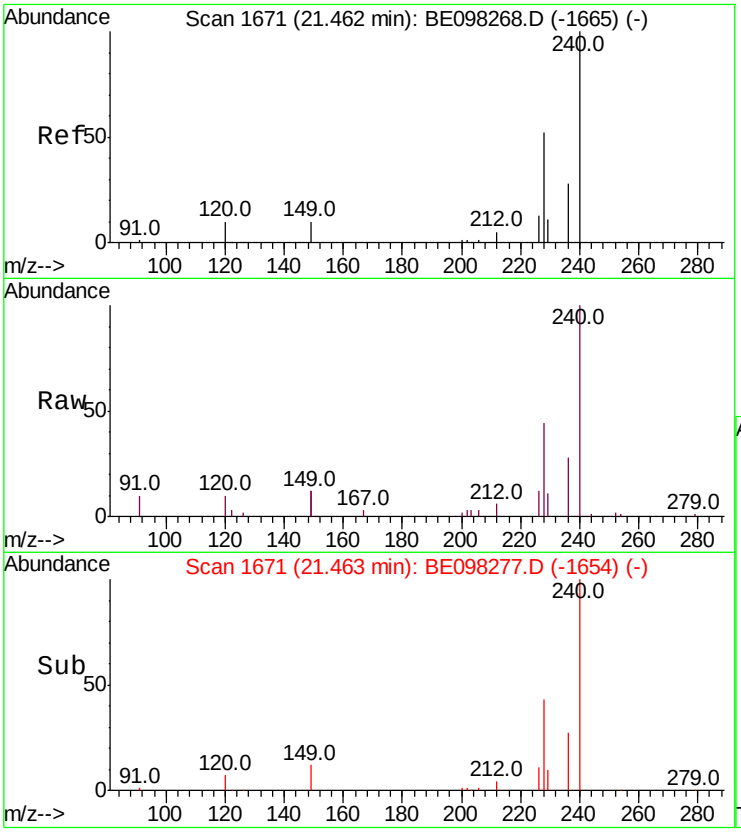


#26
Fluoranthene
Concen: 0.459 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:202 Resp: 15692

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	16.8	13.8	20.6



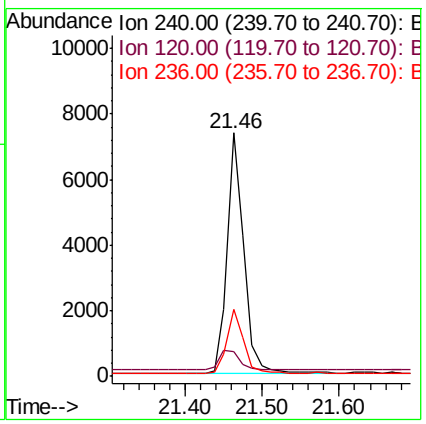


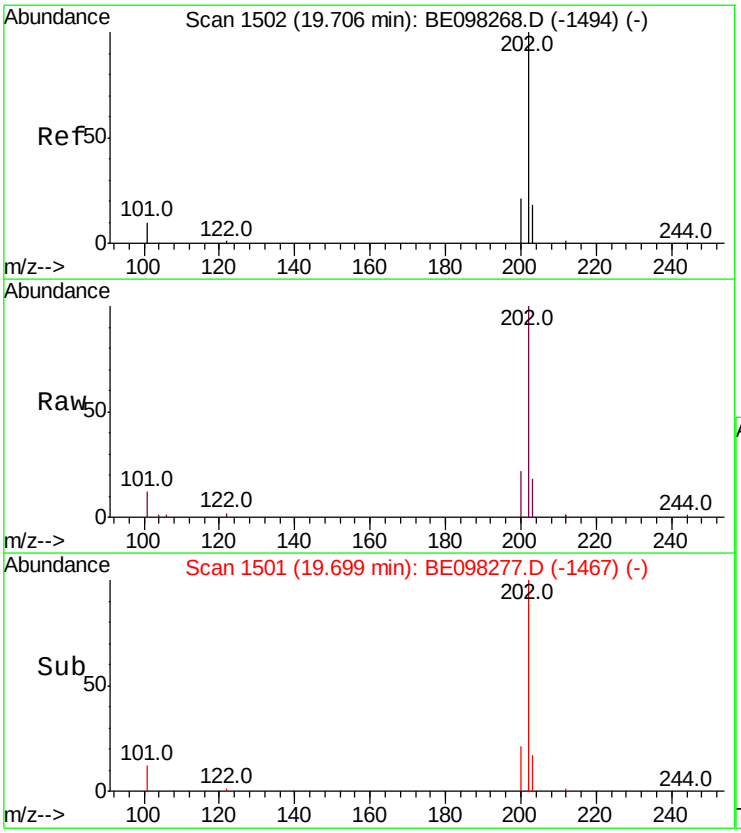
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11019

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	27.6	22.7	34.1

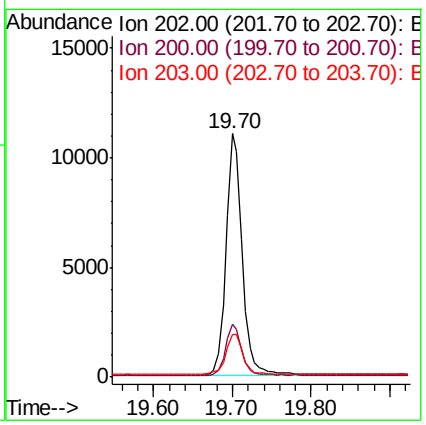


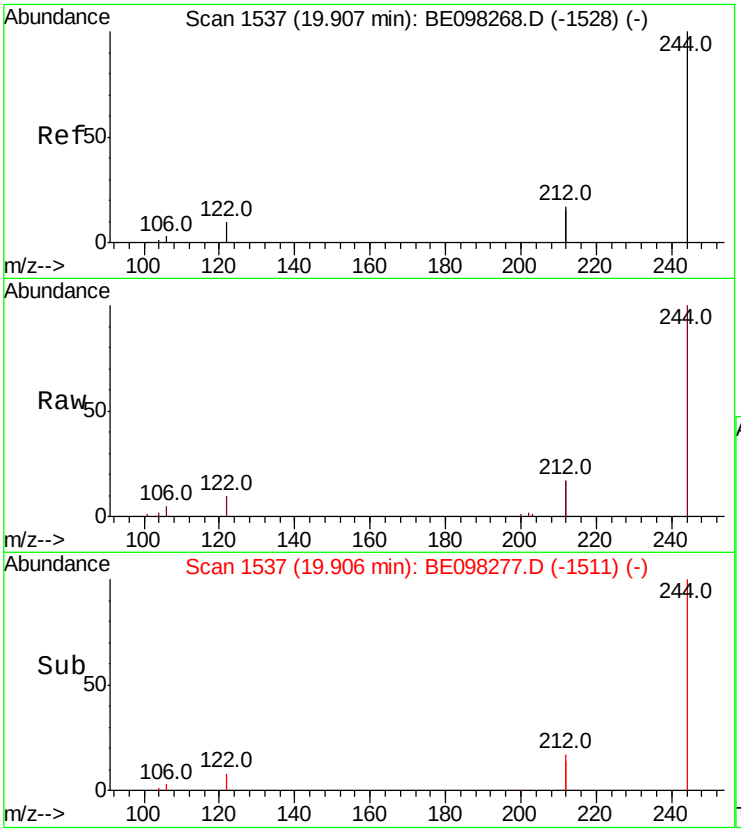


#28
Pyrene
Concen: 0.517 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:202 Resp: 15781

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.2	14.1	21.1



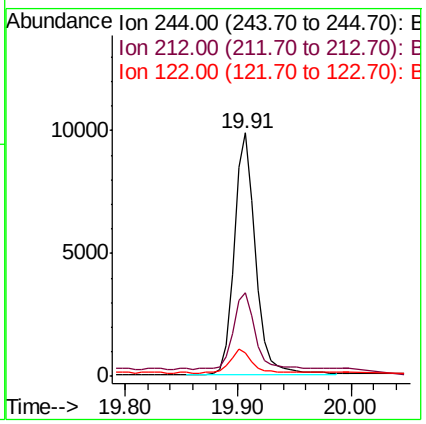


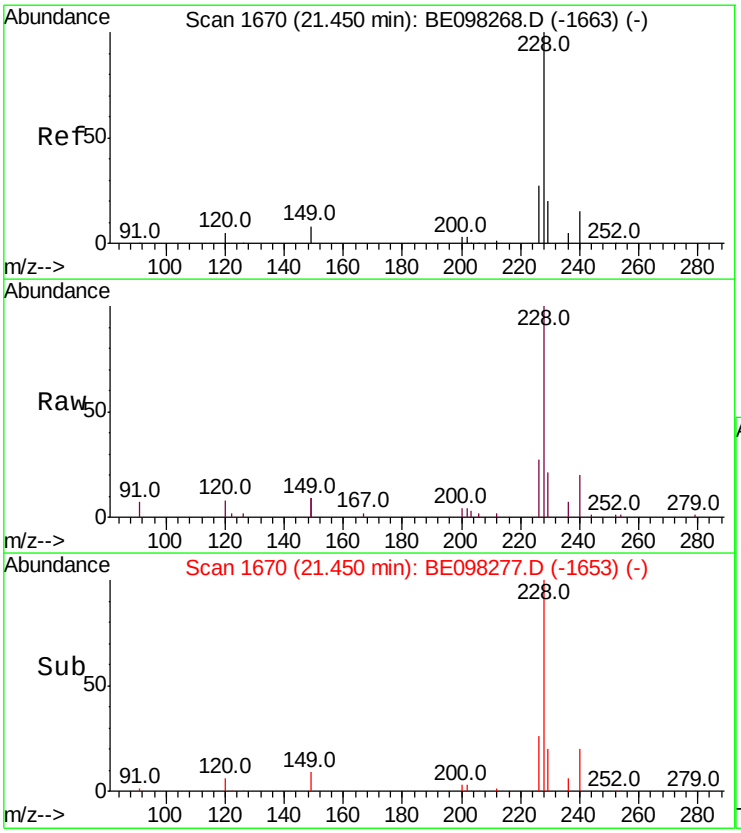
#29
Terphenyl-d14
Concen: 0.523 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12950

Ion	Ratio	Lower	Upper
244	100		
212	34.4	27.4	41.0
122	9.8	8.3	12.5

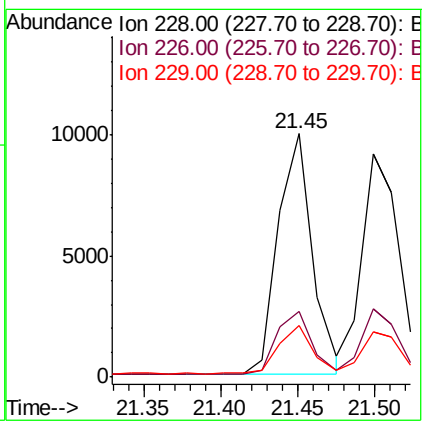


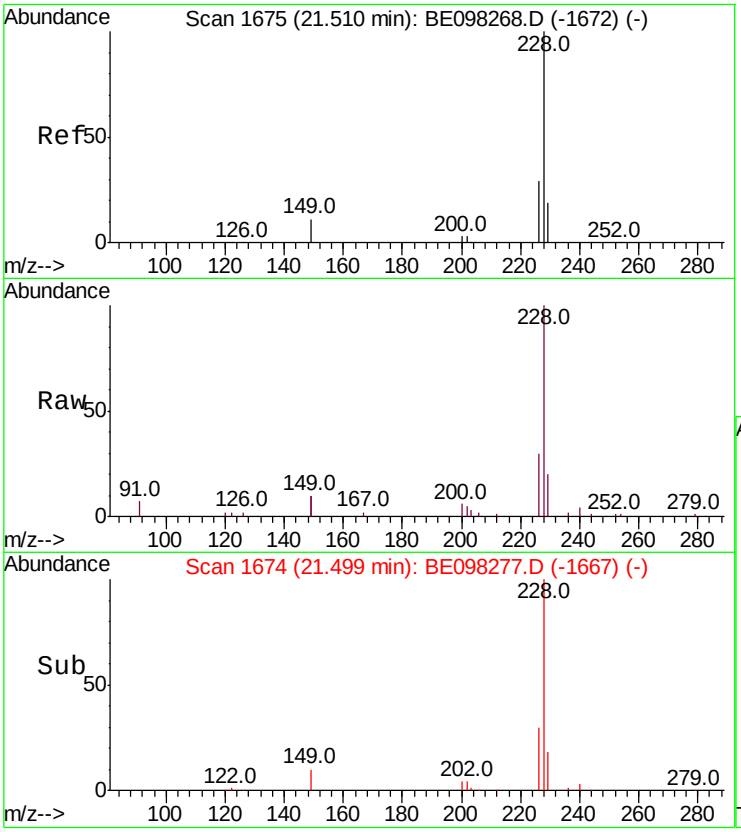


#30
Benzo(a)anthracene
Concen: 0.476 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:228 Resp: 15439

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	21.1	16.3	24.5



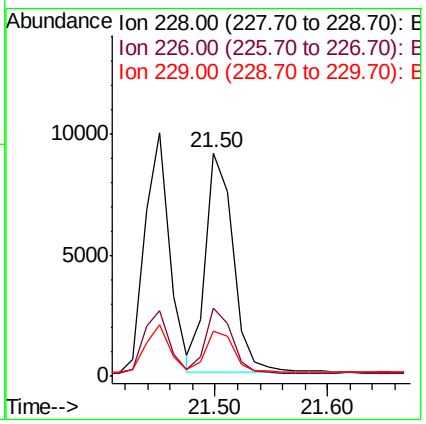


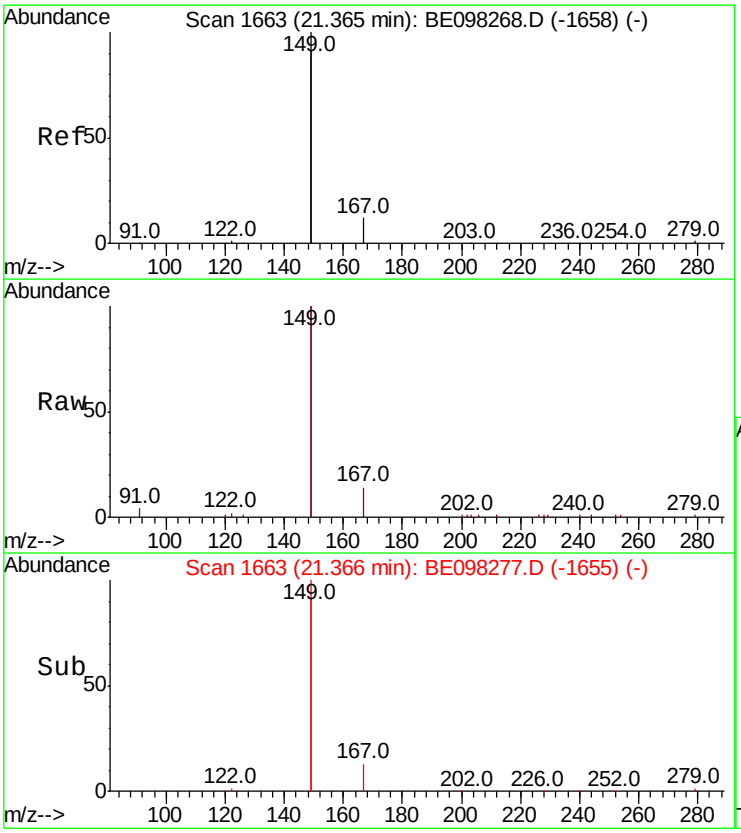
#31
Chrysene
Concen: 0.467 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 15400

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	20.0	16.2	24.4

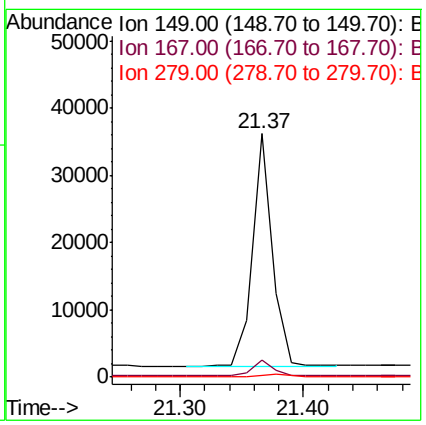


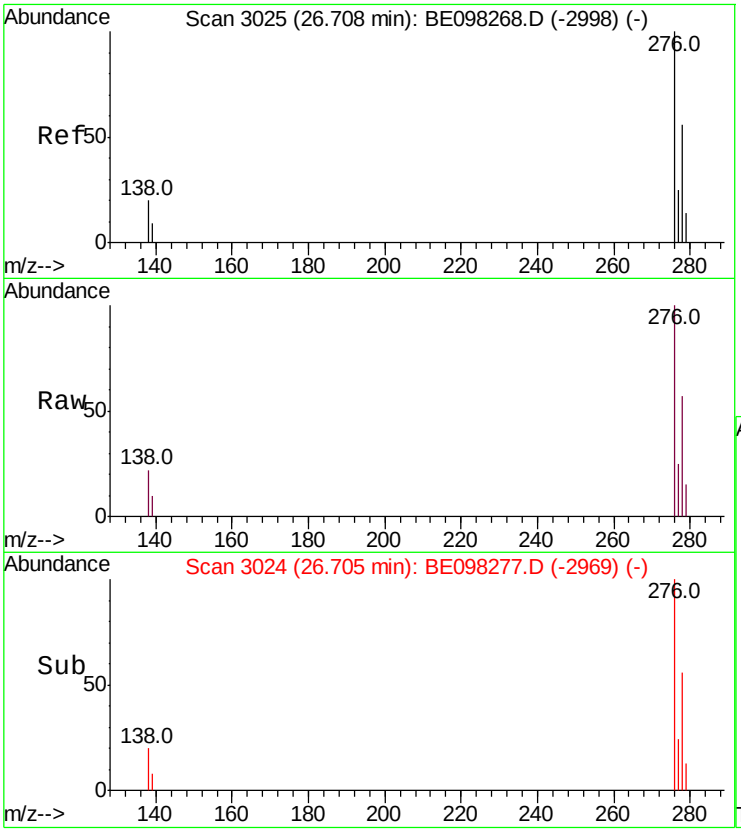


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.503 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:149 Resp: 39064

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.1	1.0	1.4



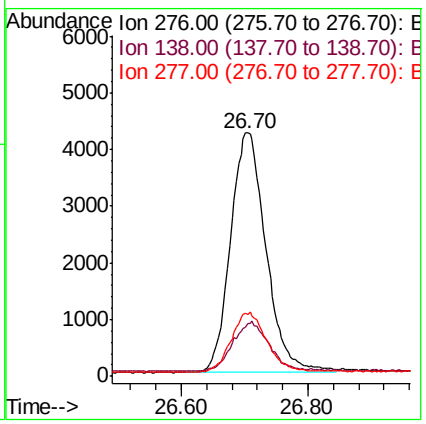


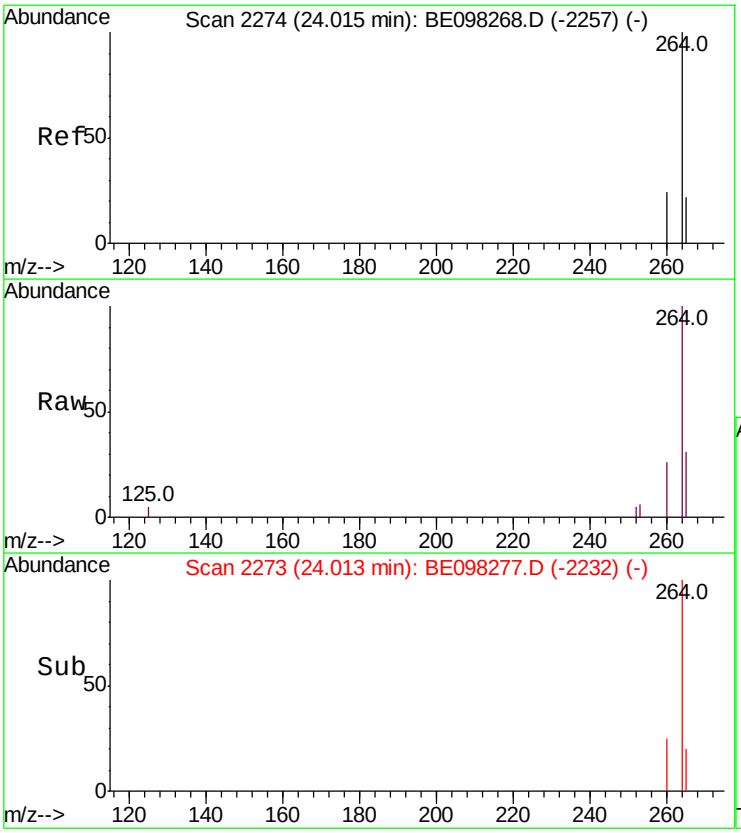
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.496 ng
RT: 26.70 min Scan# 3024
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16515

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.3	24.5
277	25.0	20.2	30.4

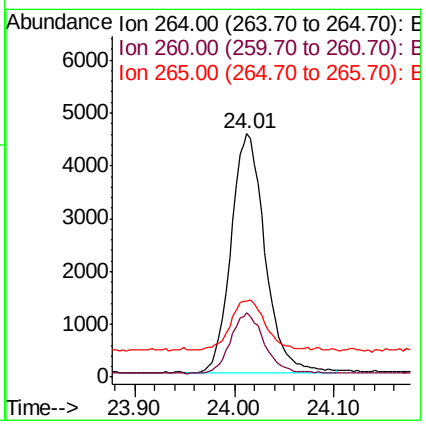


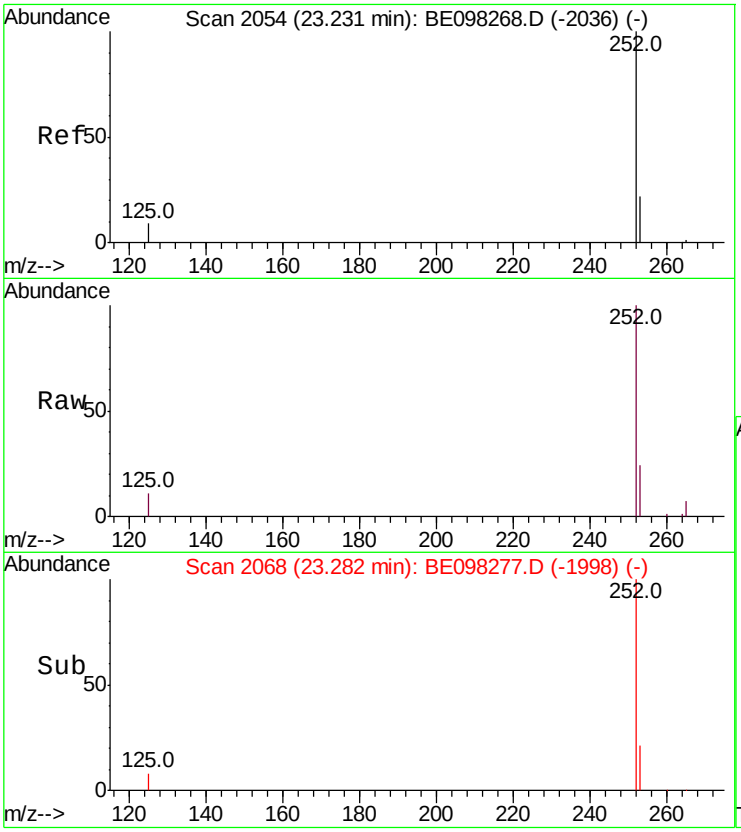


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:264 Resp: 10655

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.2
265	30.9	25.2	37.8



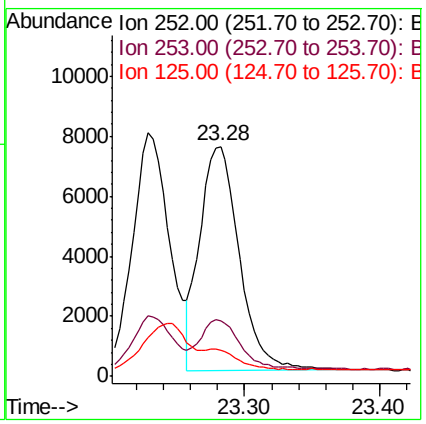


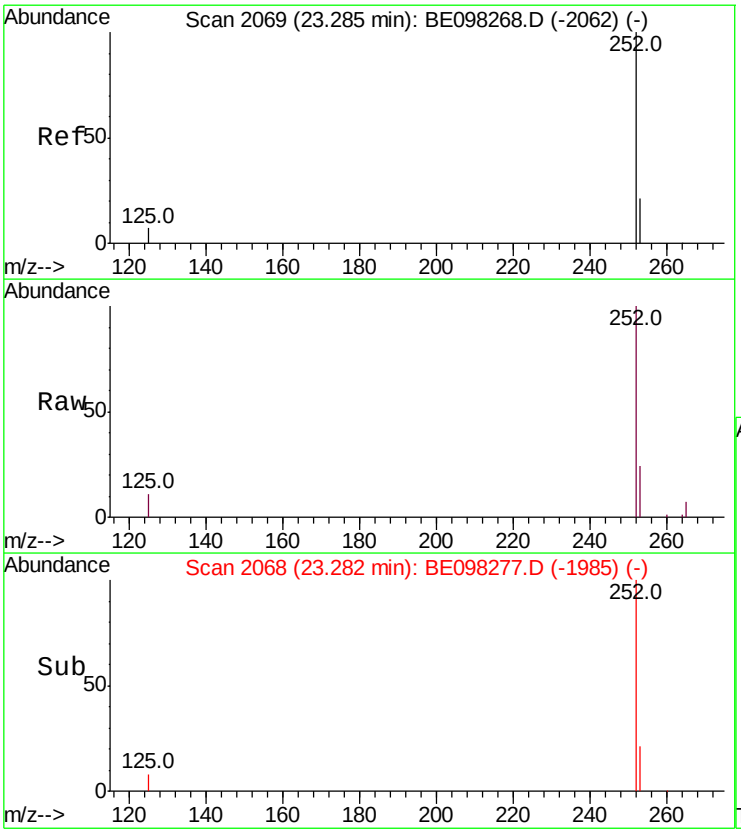
#35
Benzo(b)fluoranthene
Concen: 0.486 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.05 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15186

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.0	30.0
125	11.1	9.6	14.4

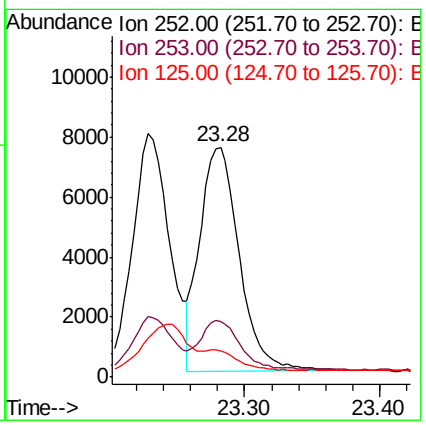


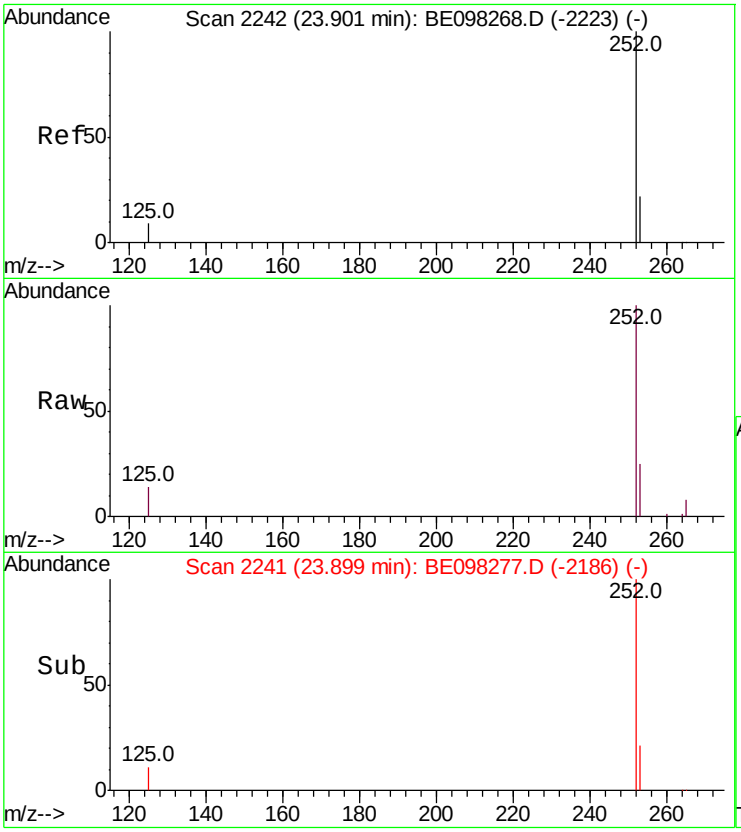


#36
Benzo(k)fluoranthene
Concen: 0.463 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:252 Resp: 15186

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	11.1	9.1	13.7



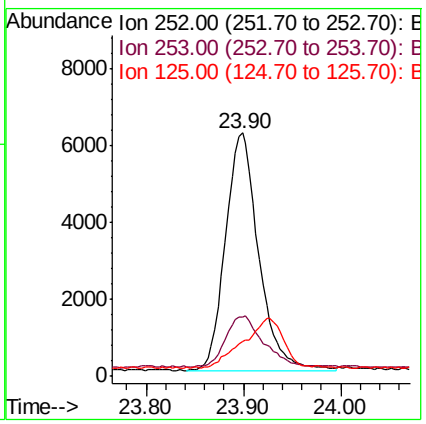


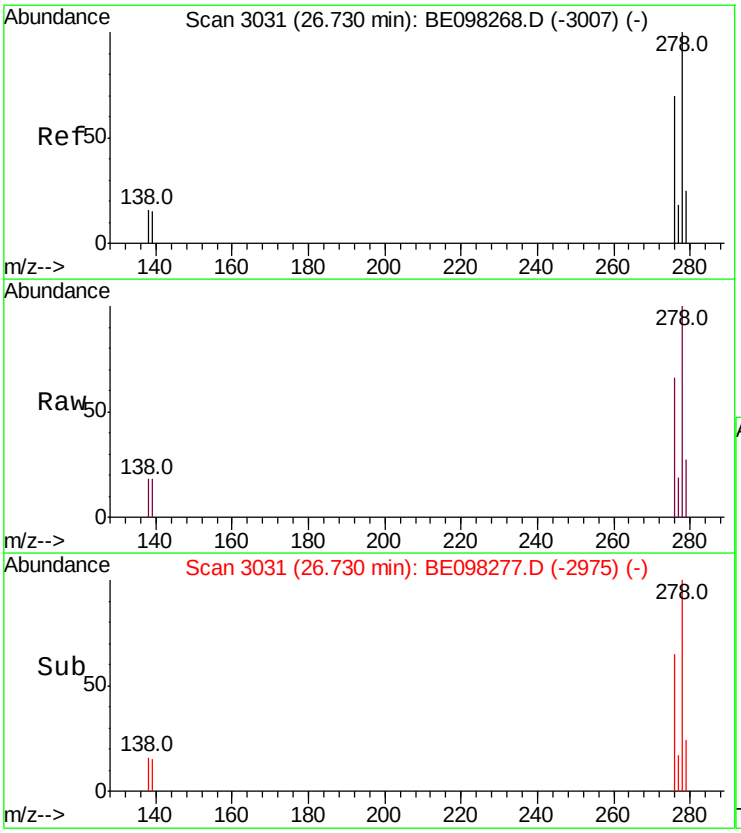
#37
Benzo(a)pyrene
Concen: 0.490 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14757

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	14.2	10.5	15.7

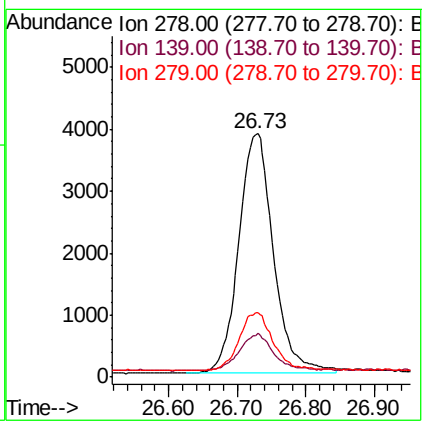


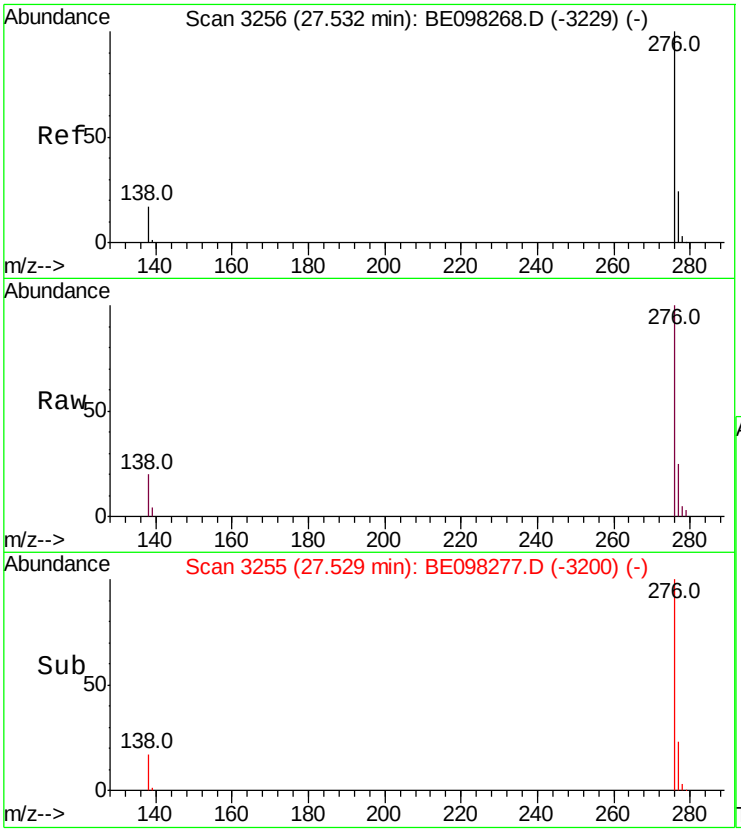


#38
Dibenzo(a,h)anthracene
Concen: 0.480 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:278 Resp: 13693

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.5	21.7
279	26.7	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.486 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13900

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.8	31.2
138	19.7	15.8	23.6