Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094924.D
Acq On : 5 Dec 2017 20:51
Operator : SJ/JU
Sample : I6698-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FT-MW08I-20171129MSD

Quant Time: Dec 06 04:04:46 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	5537	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	12240	0.40	ng		0.00
13) Acenaphthene-d10	15.07	164	8035	0.40	ng		0.00
19) Phenanthrene-d10	17.79	188	16490	0.40	ng		0.01
27) Chrysene-d12	21.89	240	19267	0.40	ng		0.00
34) Perylene-d12	24.57	264	14011	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2777	0.32	ng		0.00
5) Phenol-d6	7.59	99	2722	0.21	ng		0.00
8) Nitrobenzene-d5	9.66	82	4760	0.66	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	12776	0.65	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1636	0.85	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	25166	0.73	ng		0.00
25) Fluoranthene-d10	19.76	212	139914	0.62	ng		0.00
29) Terphenyl-d14	20.33	244	28252	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	1406	0.243	ng	#	31
3) n-Nitrosodimethylamine	4.01	42	2049	0.278	ng		86
6) bis(2-Chloroethyl)ether	7.88	93	8216	0.638	ng		97
9) Naphthalene	11.38	128	97501	0.679	ng		100
10) Hexachlorobutadiene	11.64	225	3904	0.645	ng		97
12) 2-Methylnaphthalene	12.94	142	25105	0.704	ng		94
16) Acenaphthylene	14.79	152	26708	0.588	ng	#	92
17) Acenaphthene	15.13	154	16198	0.552	ng		92
18) Fluorene	16.10	166	22017	0.590	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	6290	0.684	ng	#	48
21) Hexachlorobenzene	17.10	284	5835	0.650	ng	#	72
22) Pentachlorophenol	17.43	266	6201	2.220	ng	#	72
23) Phenanthrene	17.82	178	34981	0.666	ng	#	95
24) Anthracene	17.91	178	43208	0.776	ng	#	88
26) Fluoranthene	19.79	202	42593	0.631	ng		99
28) Pyrene	20.14	202	43560	0.655	ng	#	93
30) Benzo(a)anthracene	21.87	228	37723	0.638	ng	#	63
31) Chrysene	21.92	228	40859	0.626	ng	#	66
32) Bis(2-ethylhexyl)phthalate	21.76	149	112313	1.147	ng		99
33) Indeno(1,2,3-cd)pyrene	27.44	276	33284	0.623	ng		99
35) Benzo(b)fluoranthene	23.73	252	33444	0.654	ng	#	42
36) Benzo(k)fluoranthene	23.79	252	33320	0.639	ng	#	40
37) Benzo(a)pyrene	24.44	252	31500	0.702	ng	#	34
38) Dibenzo(a,h)anthracene	27.47	278	27275	0.658	ng	#	44
39) Benzo(g,h,i)perylene	28.33	276	28104	0.679	ng	#	51

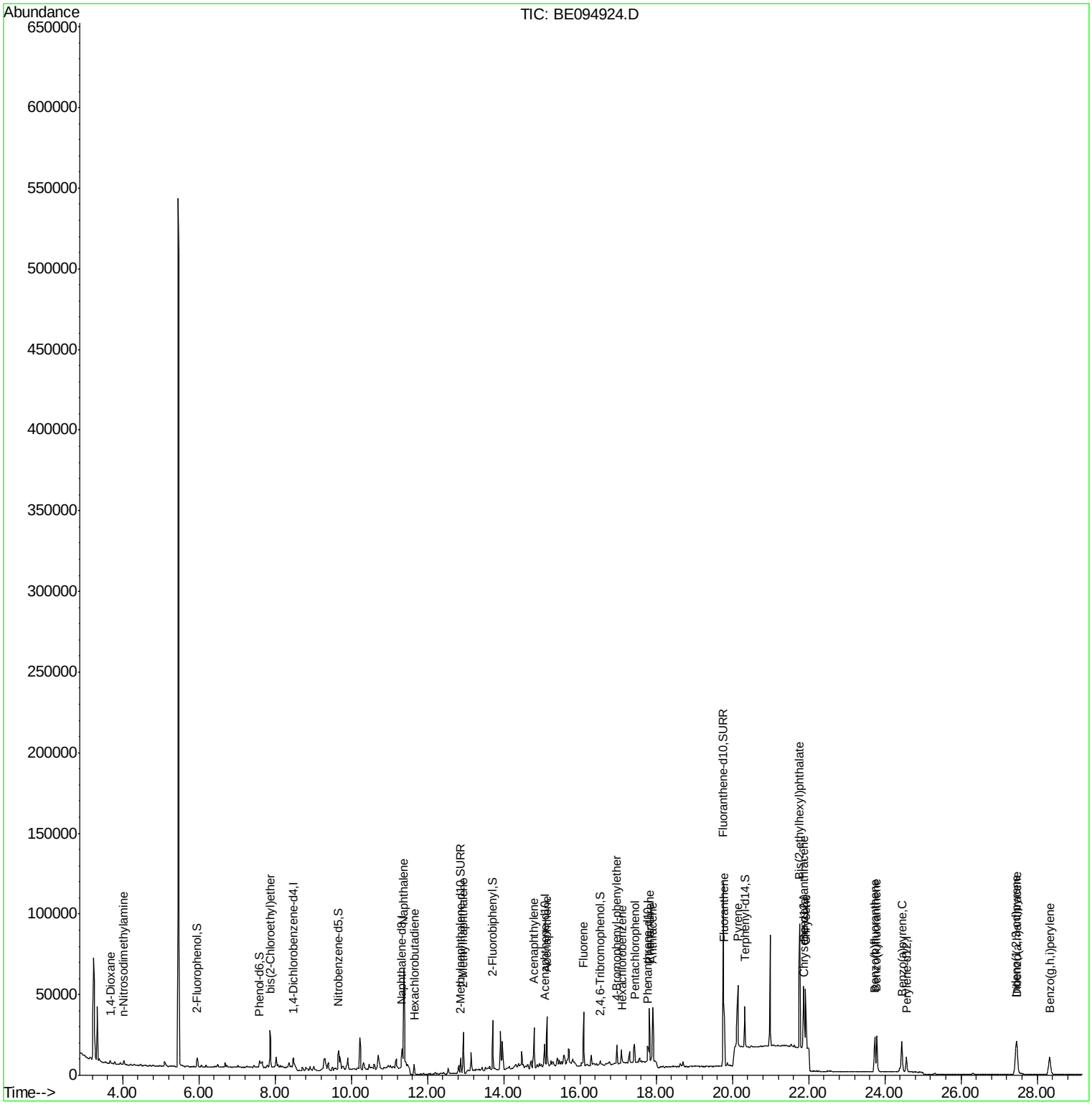
(#) = qualifier out of range (m) = manual integration (+) = signals summed

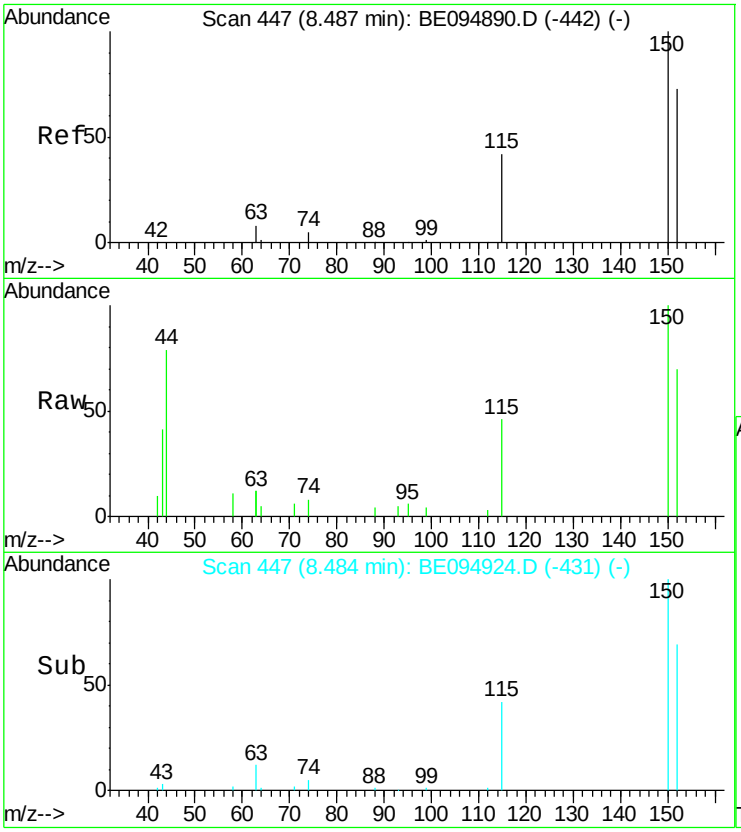
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094924.D
Acq On : 5 Dec 2017 20:51
Operator : SJ/JU
Sample : I6698-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Quant Time: Dec 06 04:04:46 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



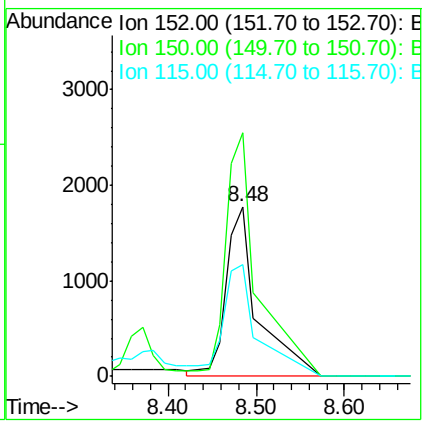


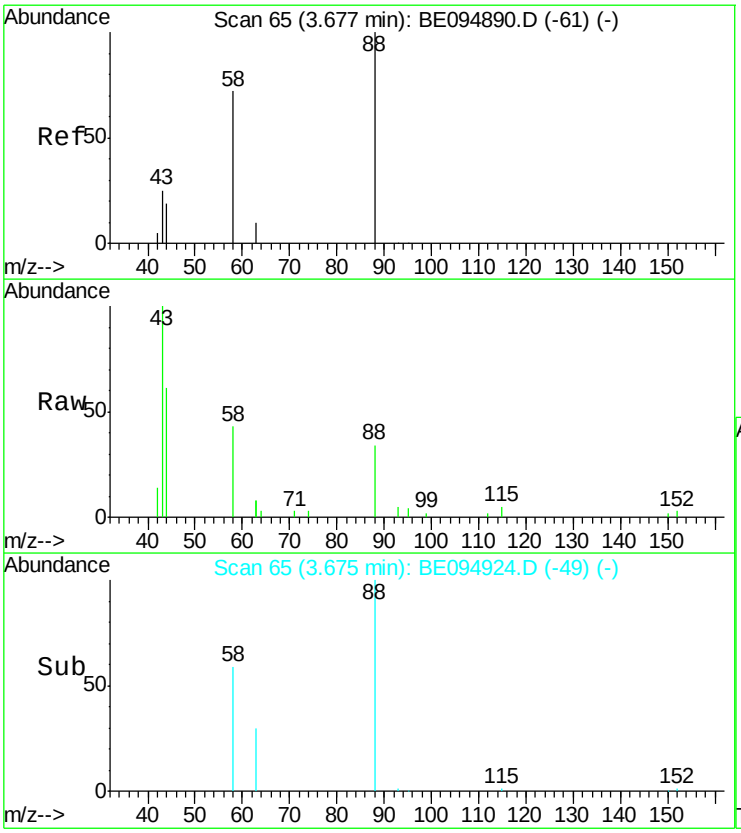
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:152 Resp: 5537

Ion	Ratio	Lower	Upper
152	100		
150	143.6	117.2	175.8
115	66.0	57.0	85.6

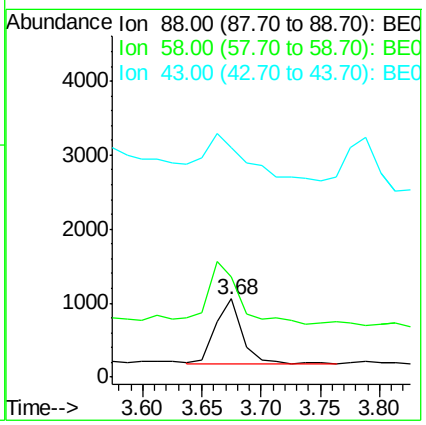


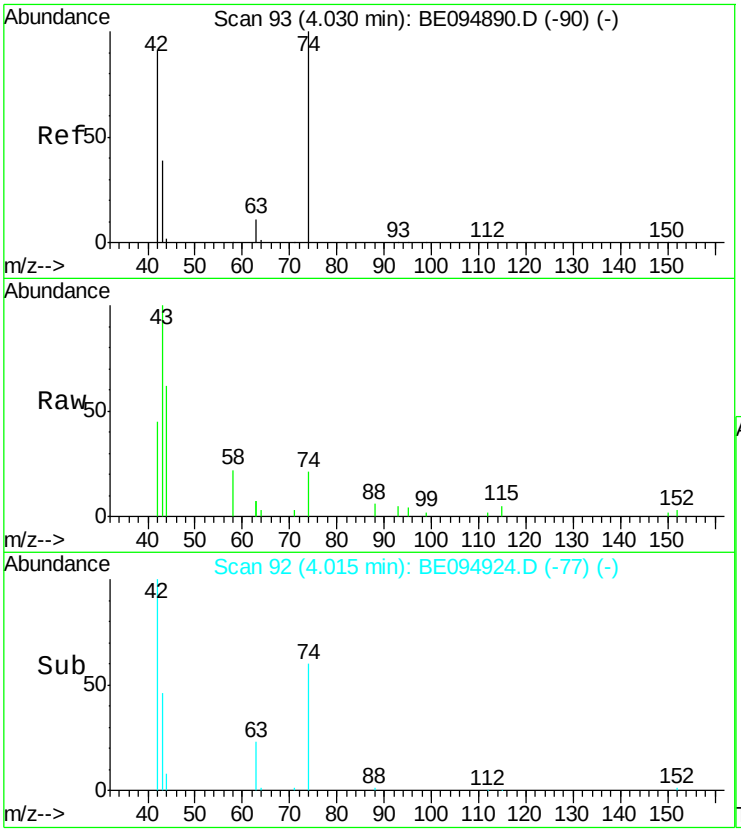


#2
1,4-Dioxane
Concen: 0.243 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 88 Resp: 1406

Ion	Ratio	Lower	Upper
88	100		
58	130.4	63.2	94.8#
43	110.5	41.2	61.8#



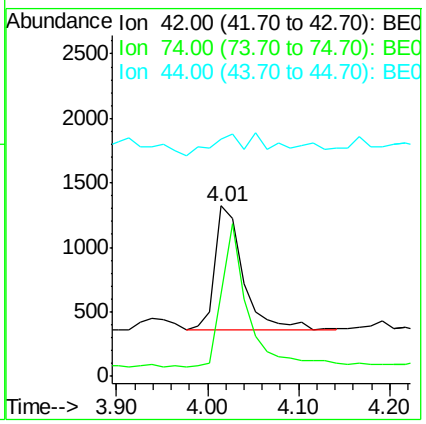


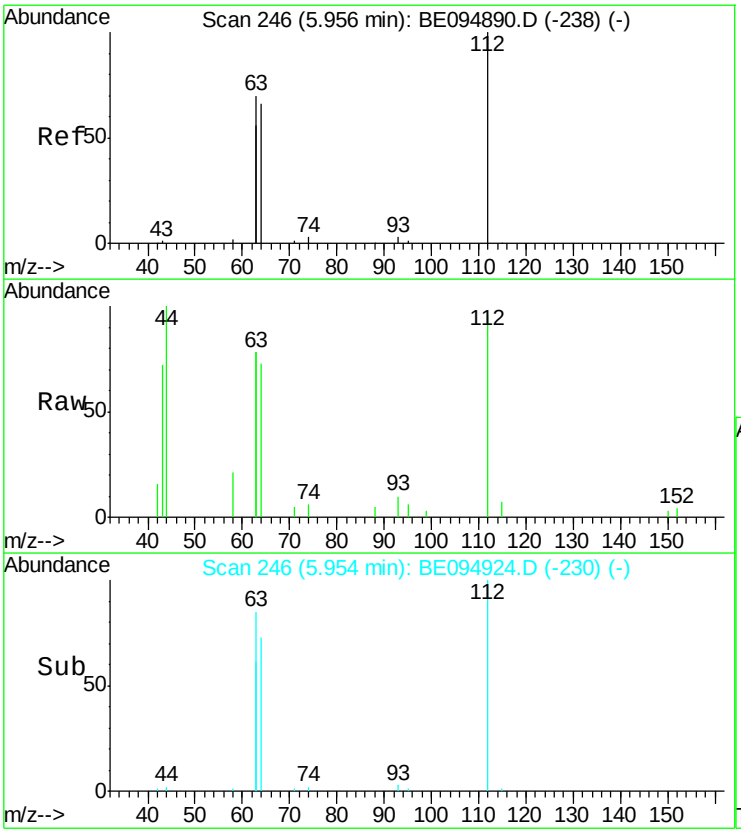
#3
n-Nitrosodimethylamine
Concen: 0.278 ng
RT: 4.01 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion: 42 Resp: 2049

Ion	Ratio	Lower	Upper
42	100		
74	107.2	100.3	150.5
44	18.4	17.0	25.4

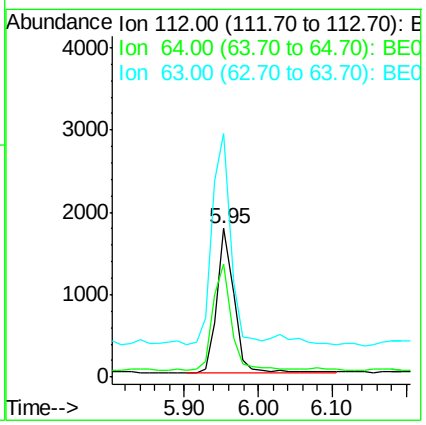


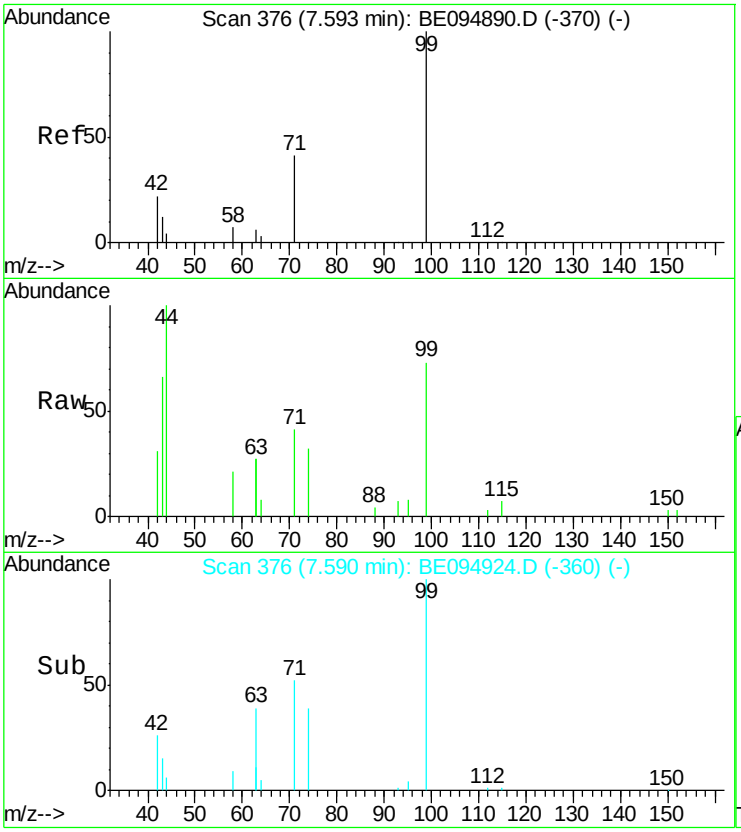


#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:112 Resp: 2777

Ion	Ratio	Lower	Upper
112	100		
64	80.9	60.1	90.1
63	158.1	116.8	175.2



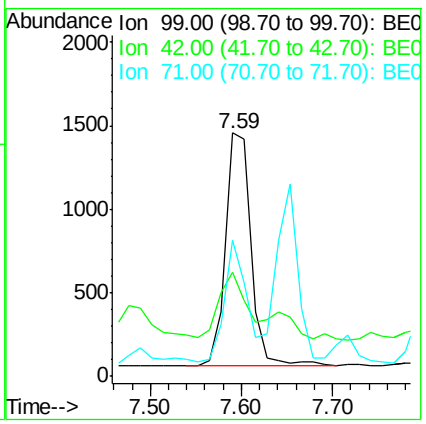


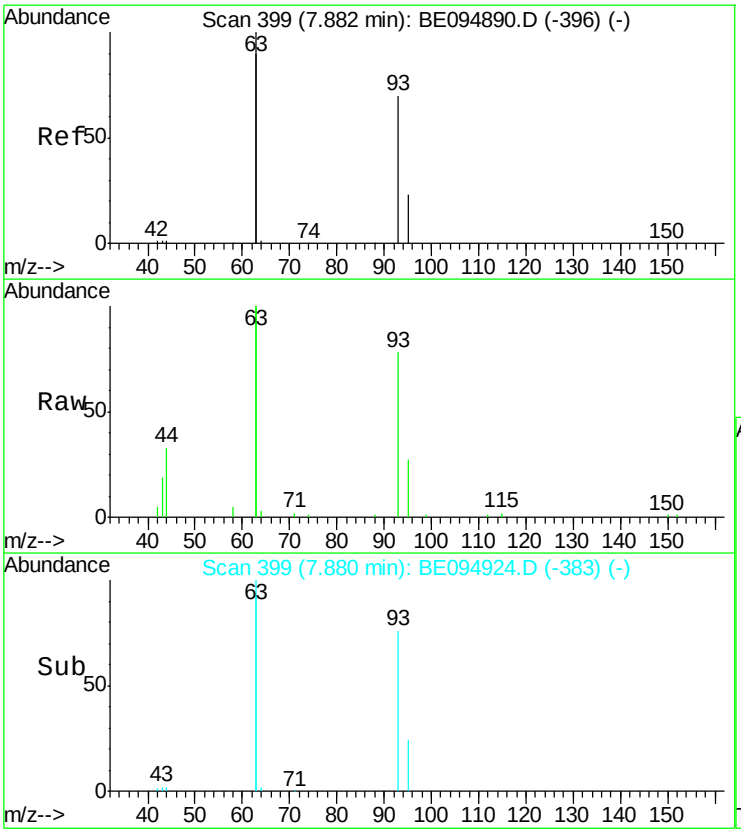
#5
Phenol-d6
Concen: 0.210 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion: 99 Resp: 2722

Ion	Ratio	Lower	Upper
99	100		
42	31.0	20.2	30.2#
71	43.8	28.4	42.6#

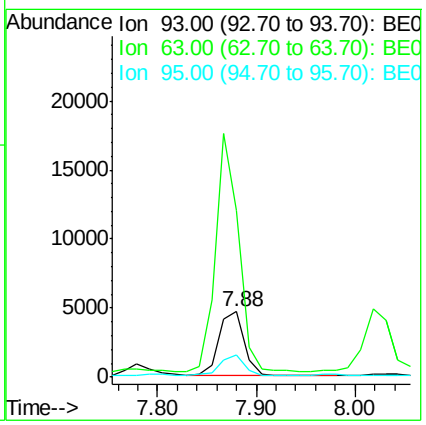


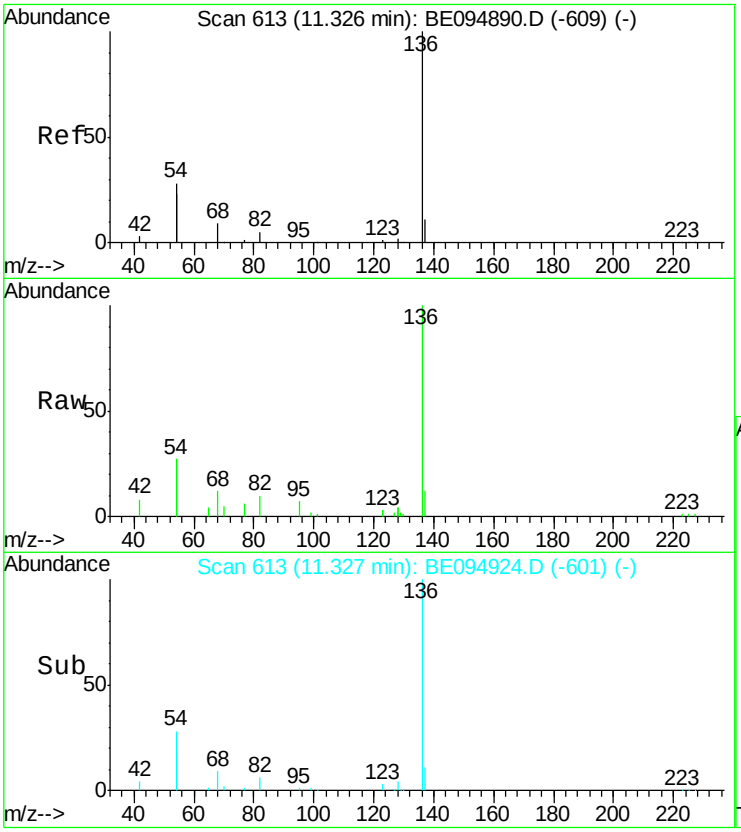


#6
bis(2-Chloroethyl)ether
Concen: 0.638 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 93 Resp: 8216

Ion	Ratio	Lower	Upper
93	100		
63	338.0	275.3	412.9
95	31.1	25.2	37.8



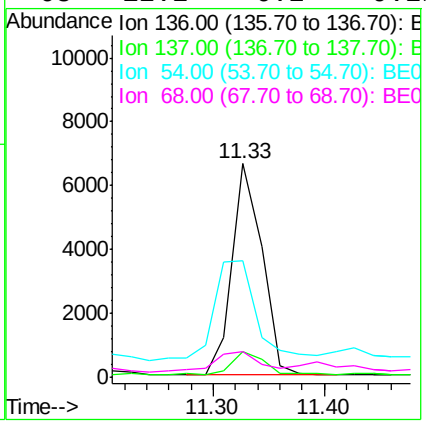


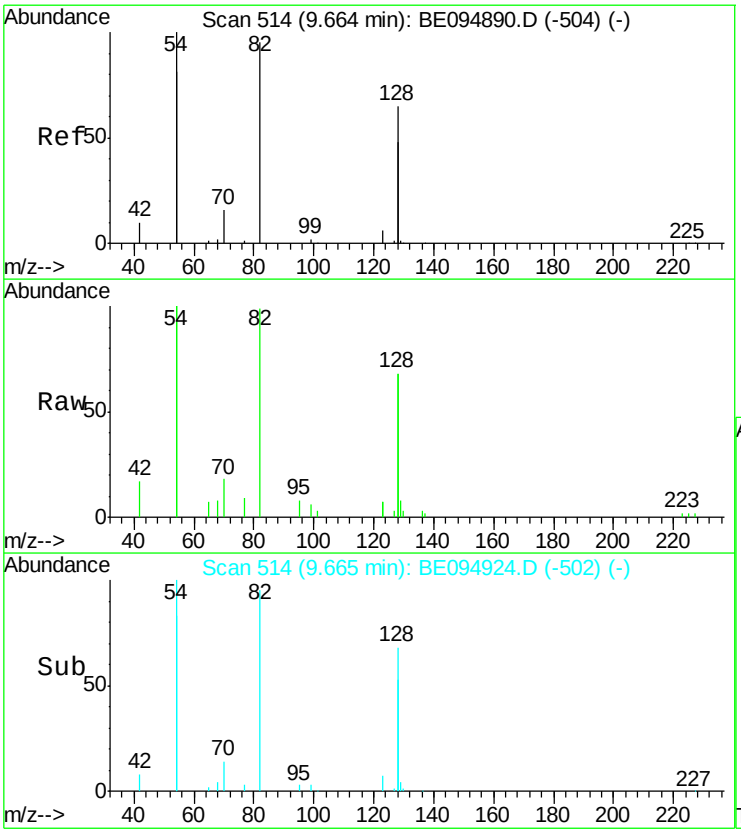
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:136 Resp: 12240

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	54.7	29.1	43.7#
68	12.2	6.2	9.2#

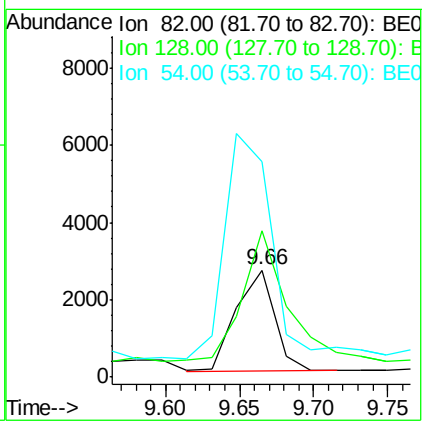


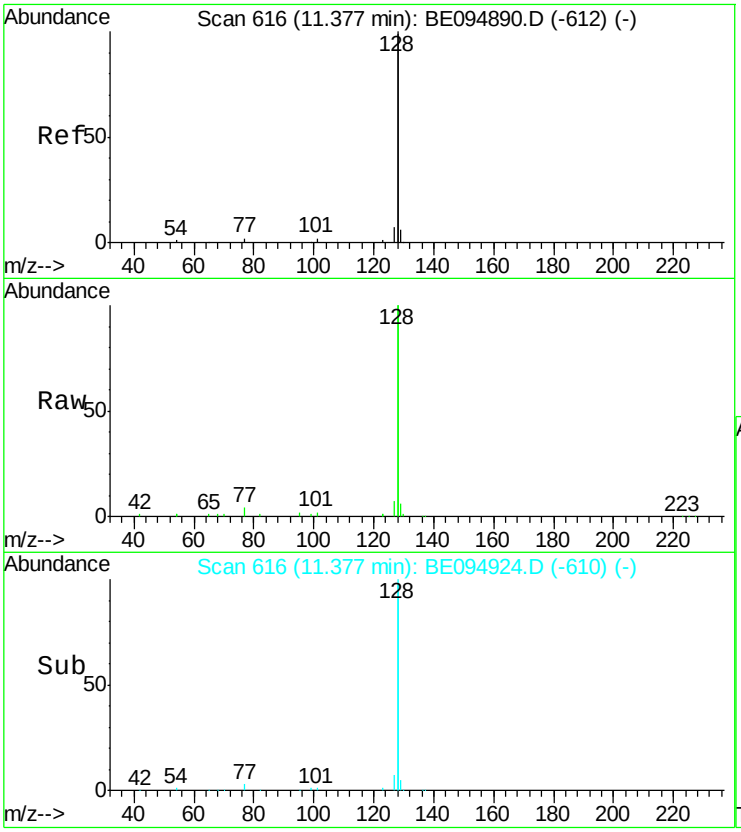


#8
Nitrobenzene-d5
Concen: 0.657 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion: 82 Resp: 4760

Ion	Ratio	Lower	Upper
82	100		
128	137.1	150.0	225.0#
54	201.6	154.2	231.4



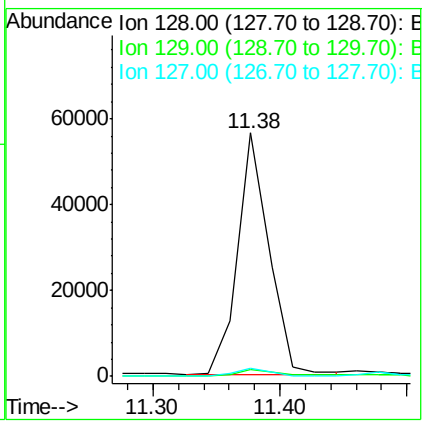


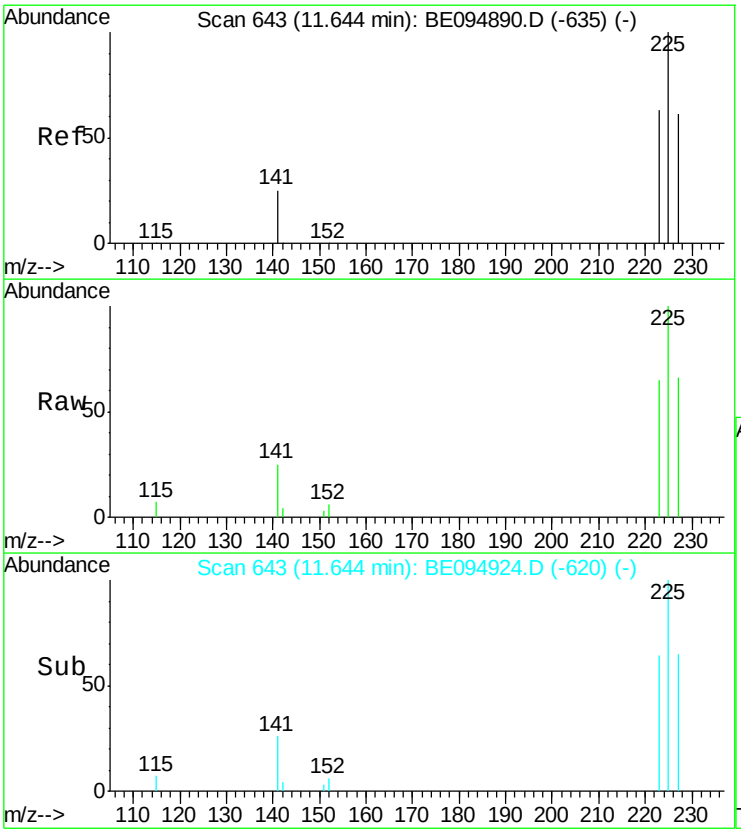
#9
Naphthalene
Concen: 0.679 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:128 Resp: 97501

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.5	2.8	4.2

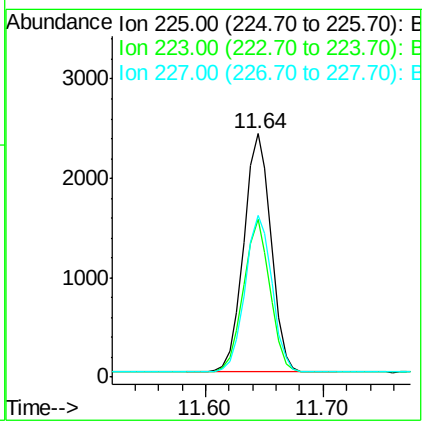


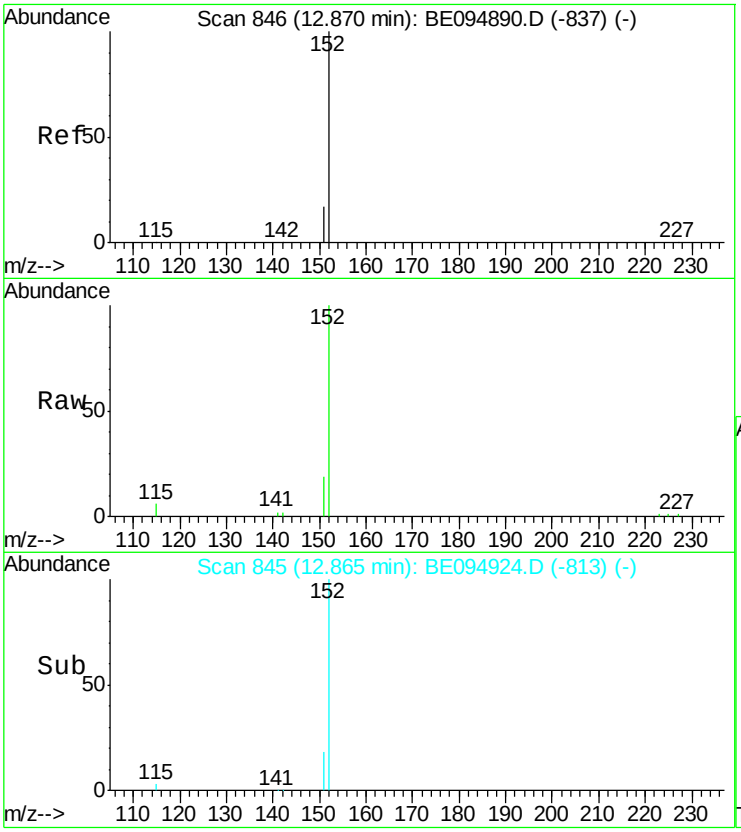


#10
Hexachlorobutadiene
Concen: 0.645 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:225 Resp: 3904

Ion	Ratio	Lower	Upper
225	100		
223	61.9	53.0	79.6
227	64.9	51.4	77.2



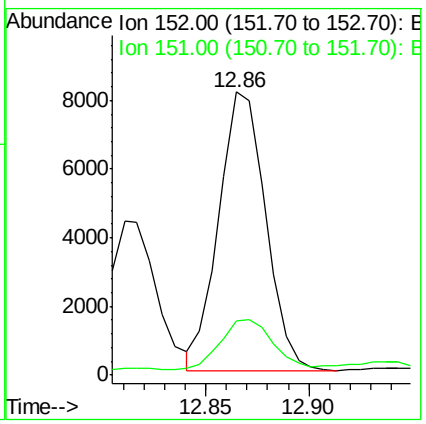


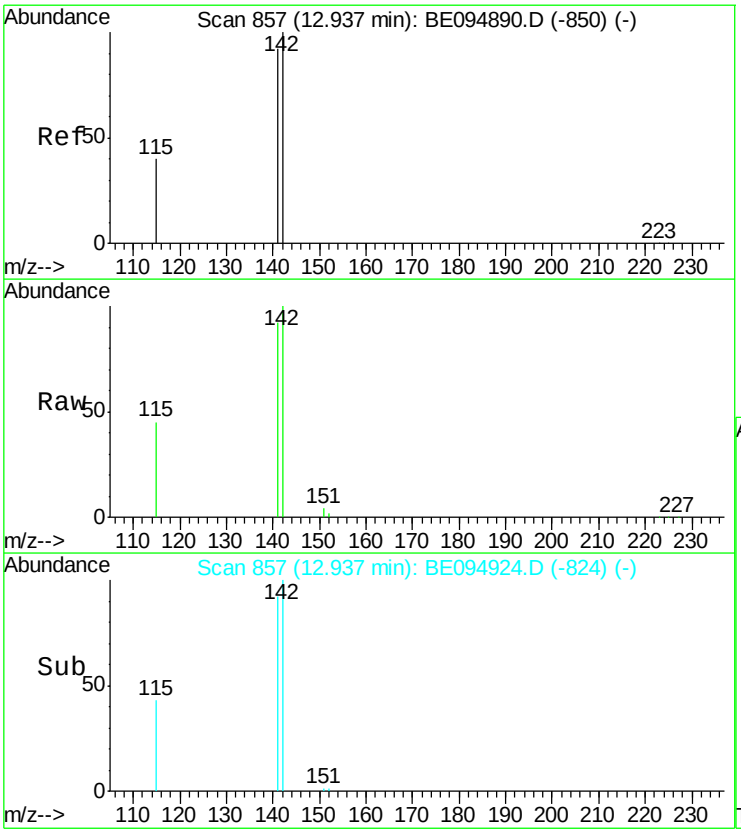
#11
2-Methylnaphthalene-d10
Concen: 0.654 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:152 Resp: 12776

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.4	23.0

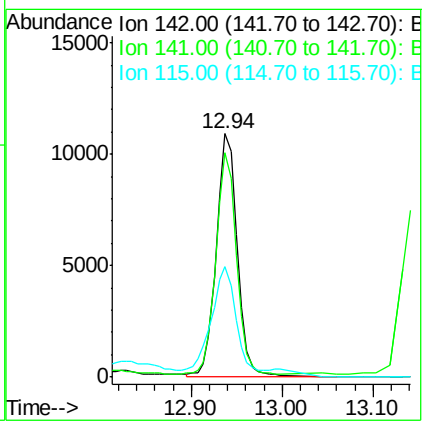


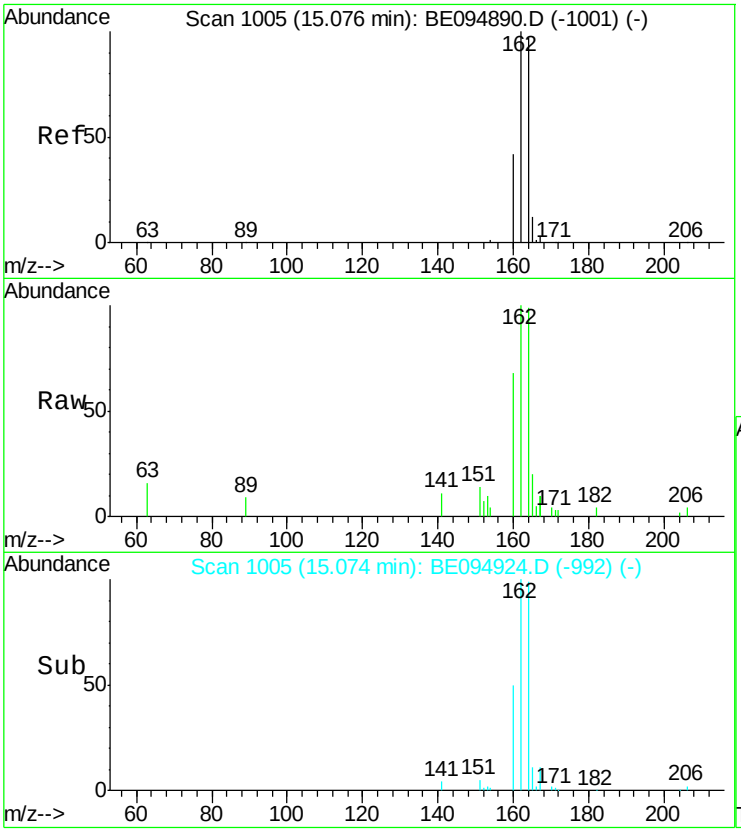


#12
2-Methylnaphthalene
Concen: 0.704 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:142 Resp: 25105

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.4	105.6
115	45.3	31.7	47.5



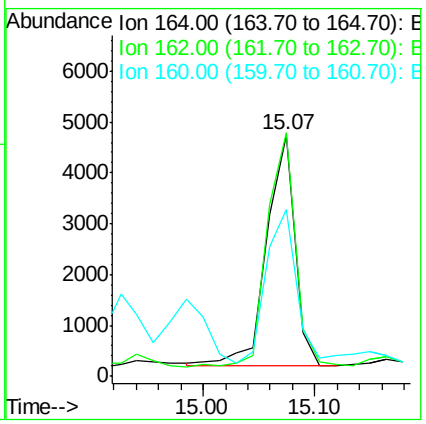


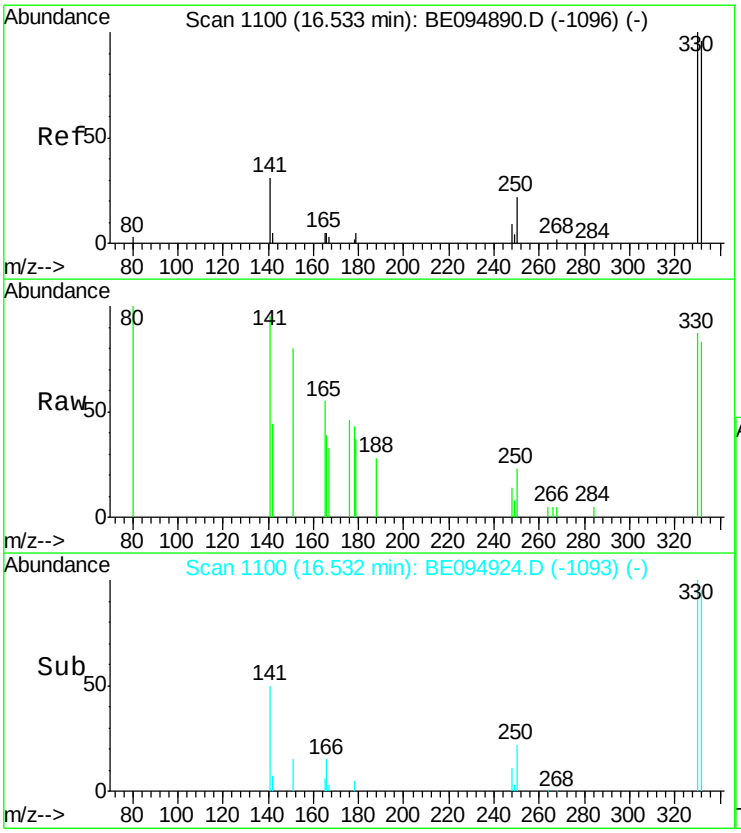
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.07 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:164 Resp: 8035

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.1	124.7
160	69.1	37.1	55.7#

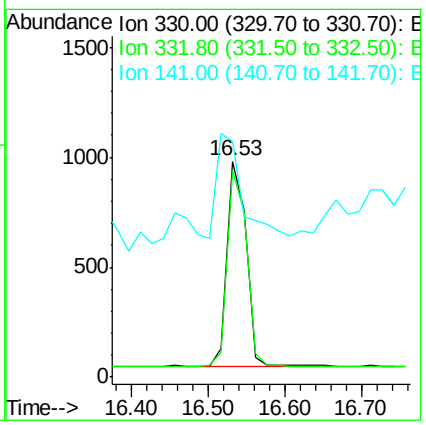


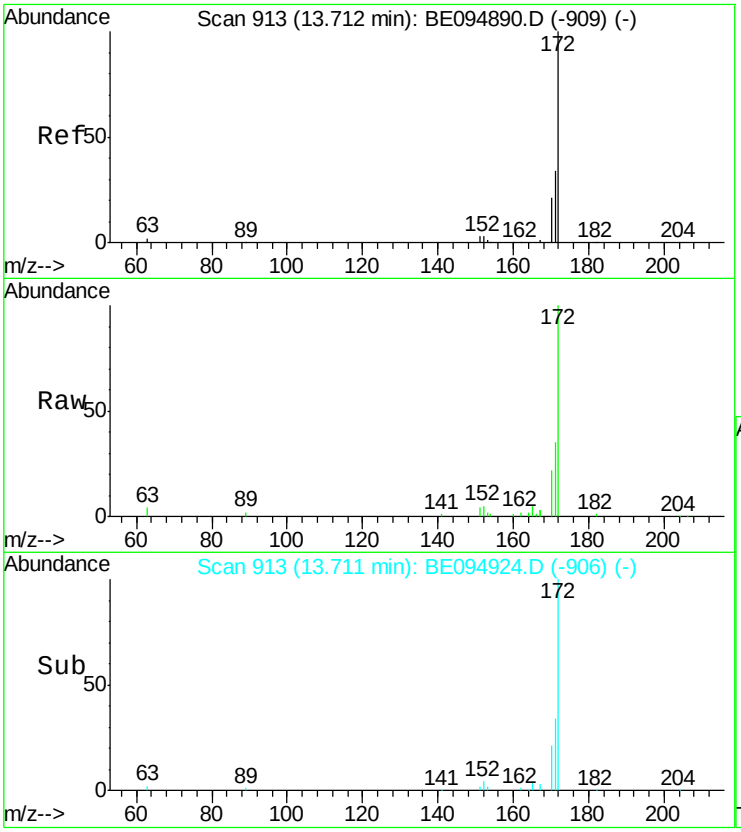


#14
2,4,6-Tribromophenol
Concen: 0.847 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:330 Resp: 1636

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	61.6	33.7	50.5#



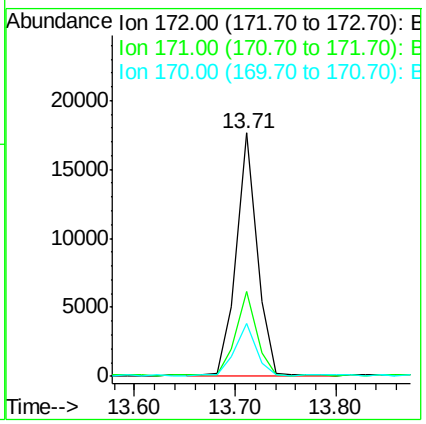


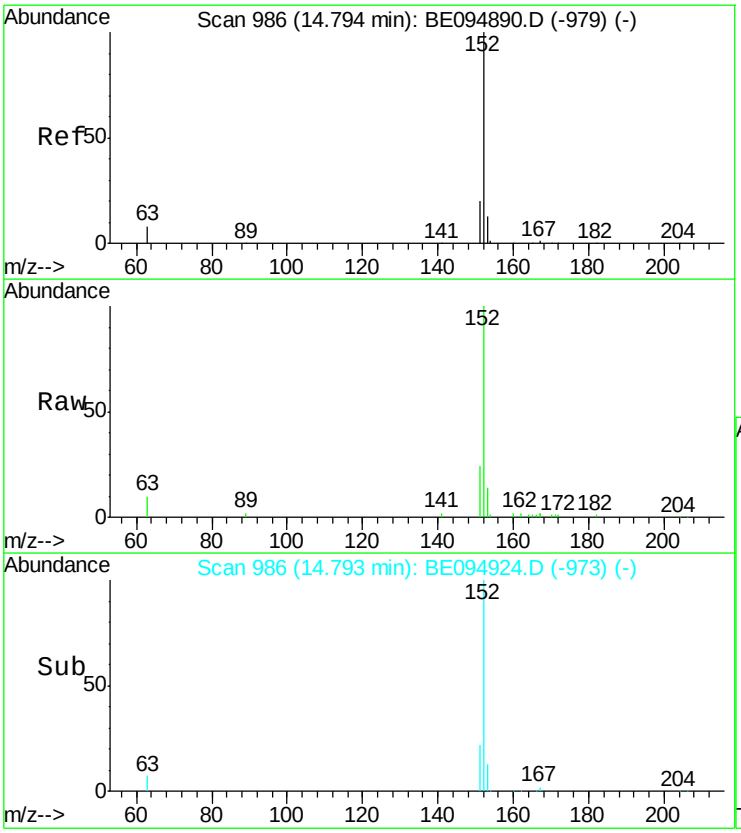
#15
2-Fluorobiphenyl
Concen: 0.731 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:172 Resp: 25166

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	21.7	21.8	32.8#

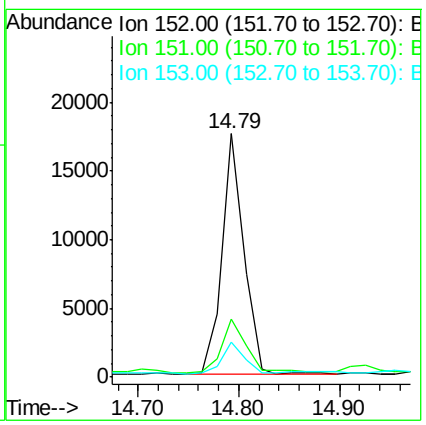


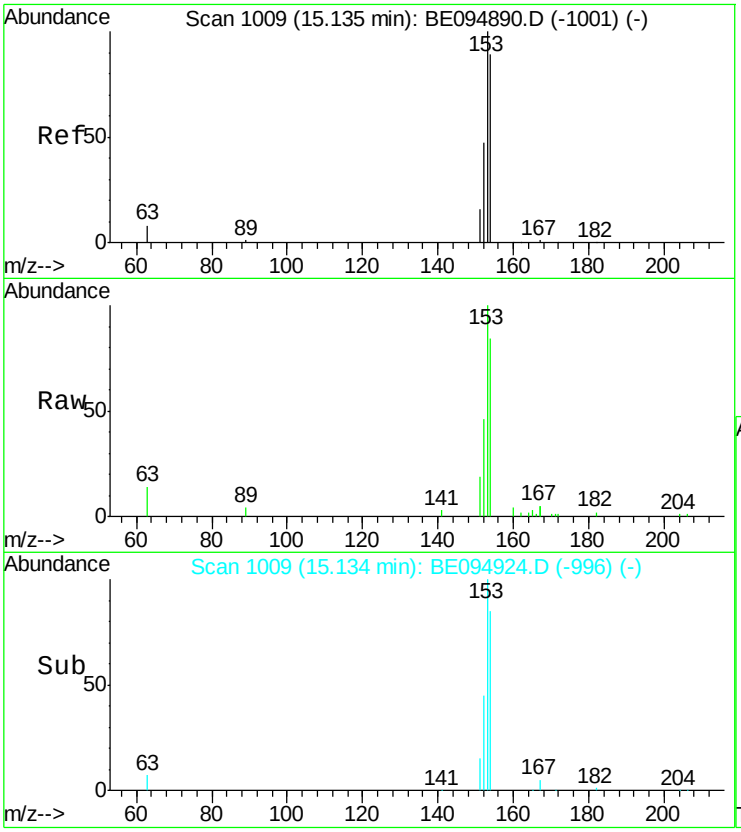


#16
Acenaphthylene
Concen: 0.588 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:152 Resp: 26708

Ion	Ratio	Lower	Upper
152	100		
151	25.3	15.7	23.5#
153	13.0	10.5	15.7



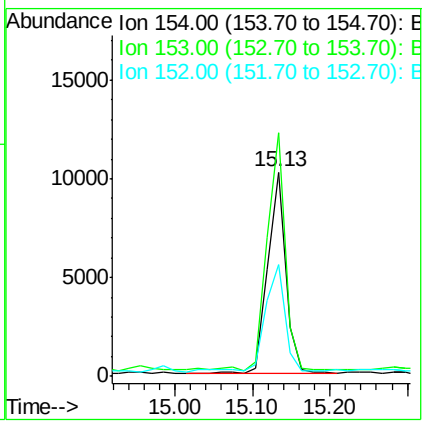


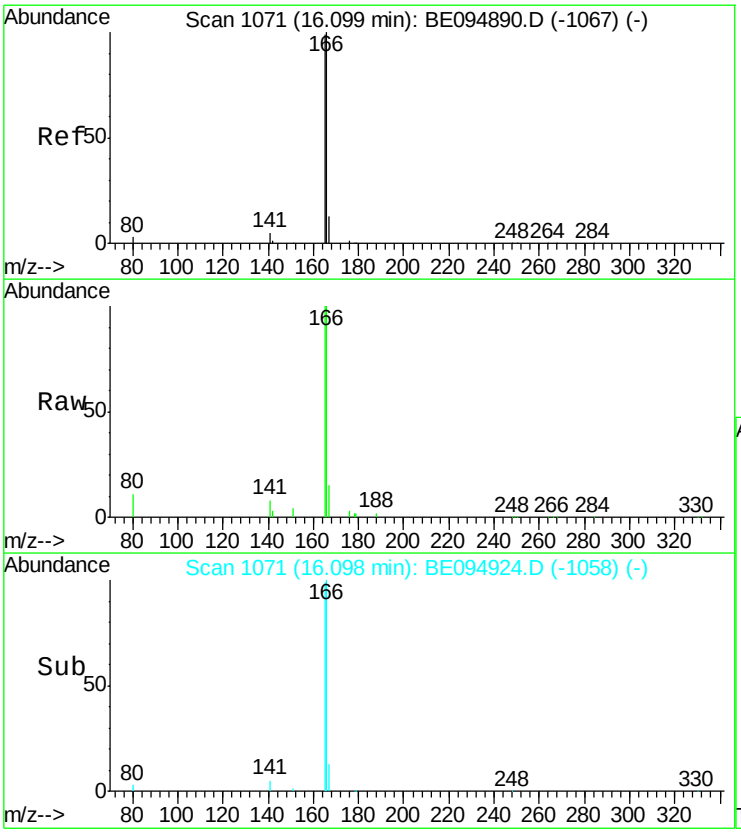
#17
Acenaphthene
Concen: 0.552 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:154 Resp: 16198

Ion	Ratio	Lower	Upper
154	100		
153	120.7	89.2	133.8
152	57.3	42.0	63.0

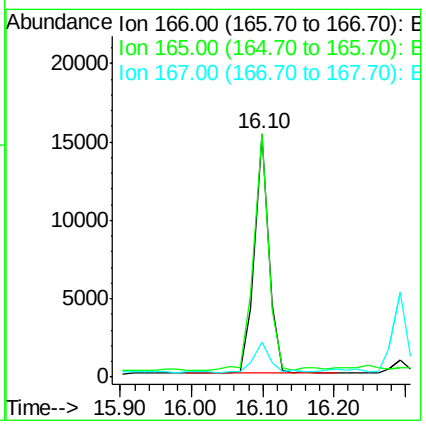


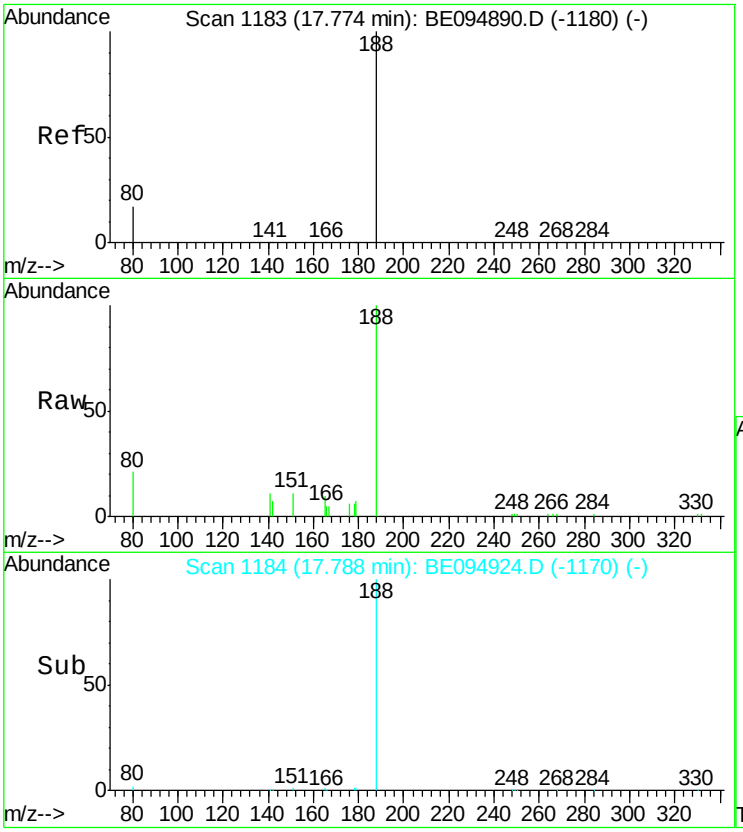


#18
Fluorene
Concen: 0.590 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:166 Resp: 22017

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	14.0	42.4	63.6#



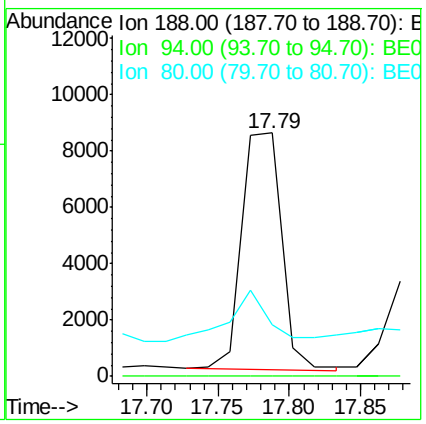


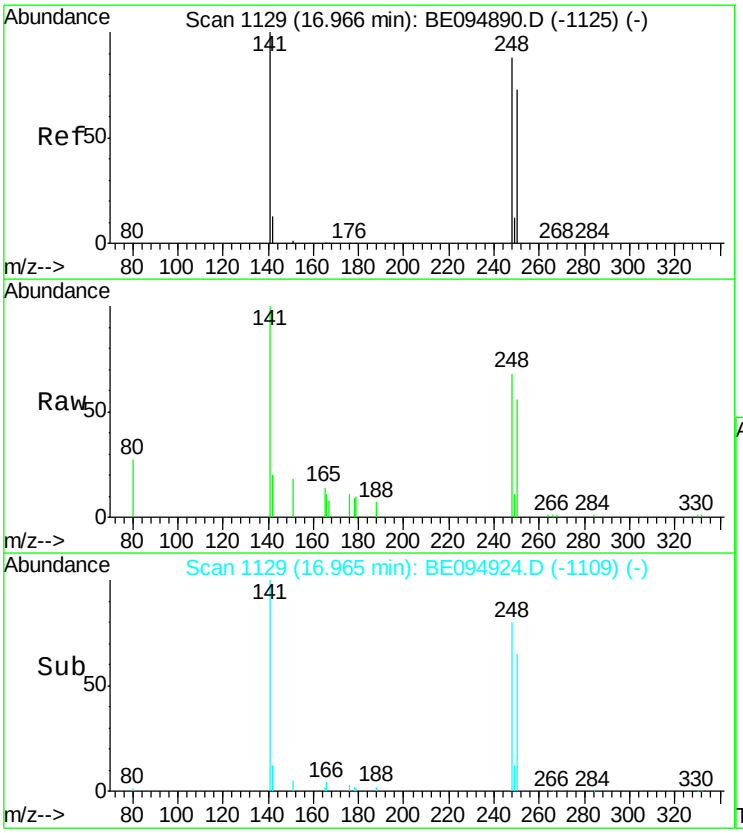
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:188 Resp: 16490

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	21.1	3.6	5.4#

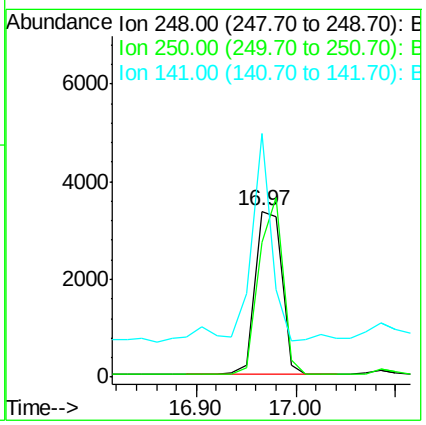


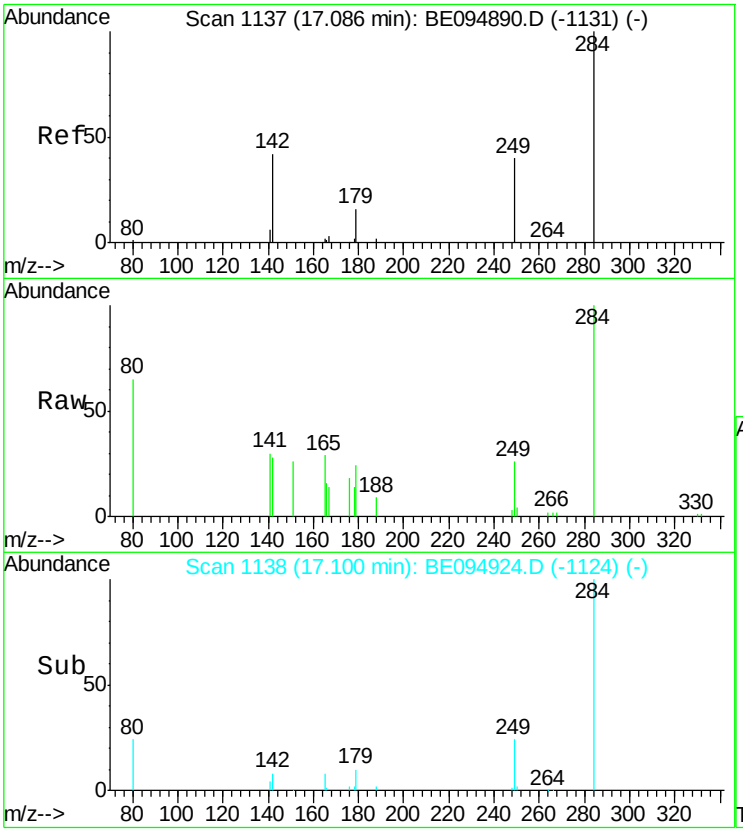


#20
4-Bromophenyl-phenylether
Concen: 0.684 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:248 Resp: 6290

Ion	Ratio	Lower	Upper
248	100		
250	81.5	62.7	94.1
141	146.6	48.2	72.2#



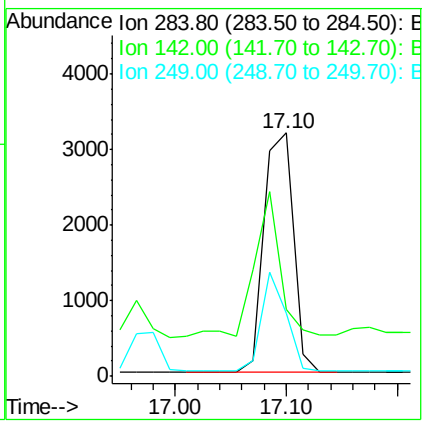


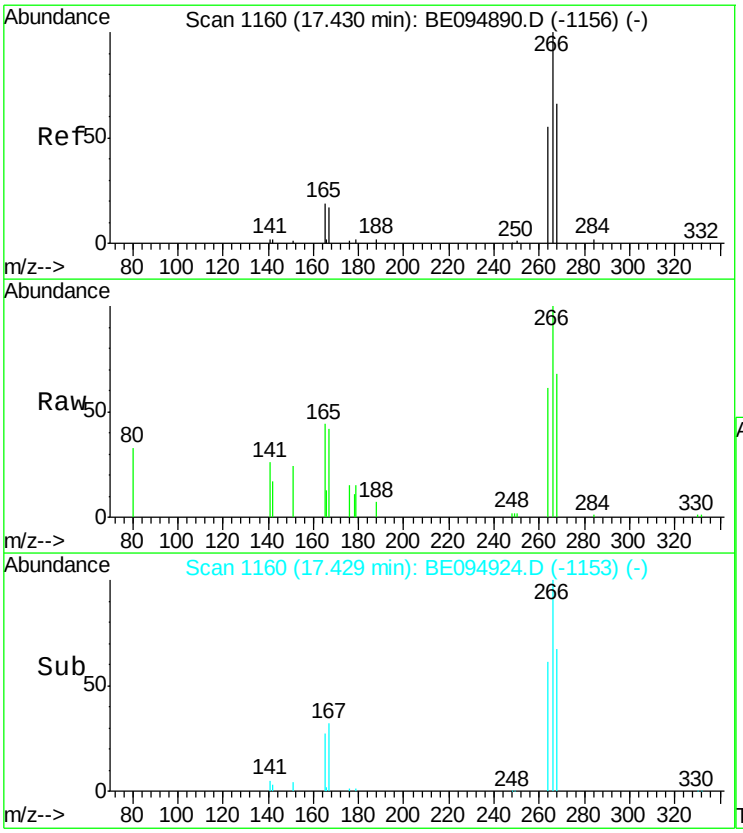
#21
Hexachlorobenzene
Concen: 0.650 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:284 Resp: 5835

Ion	Ratio	Lower	Upper
284	100		
142	54.5	22.1	33.1#
249	35.3	34.8	52.2

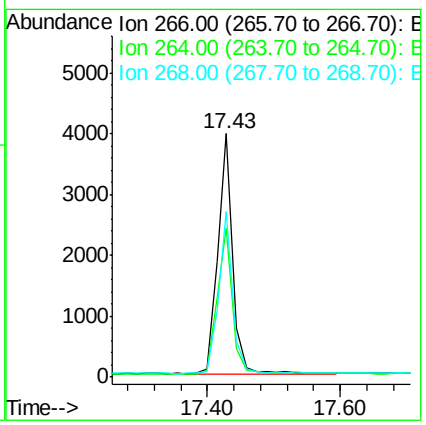


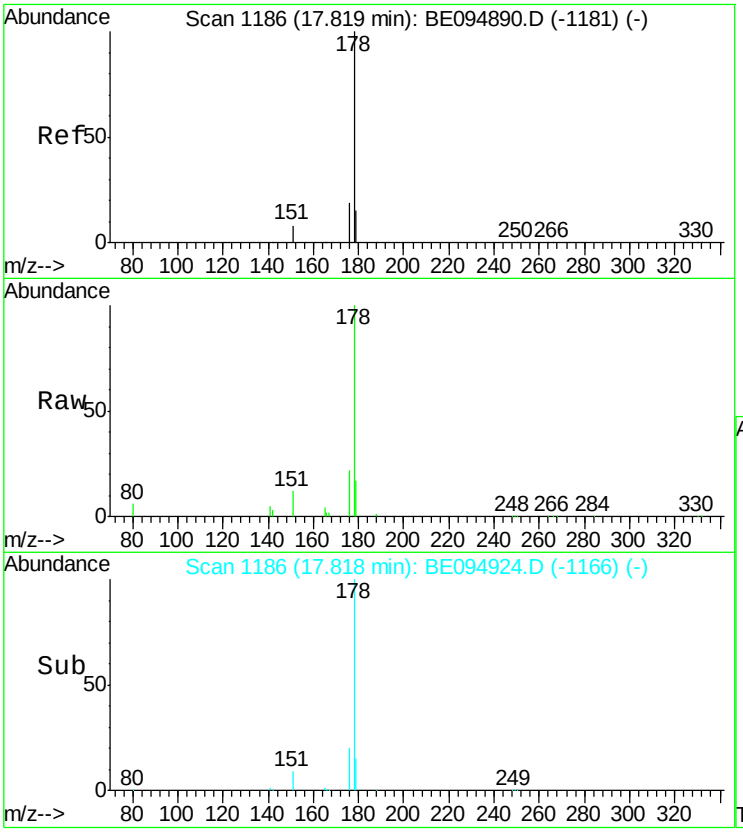


#22
Pentachlorophenol
Concen: 2.220 ng
RT: 17.43 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:266 Resp: 6201

Ion	Ratio	Lower	Upper
266	100		
264	61.2	72.5	108.7#
268	67.9	73.8	110.6#



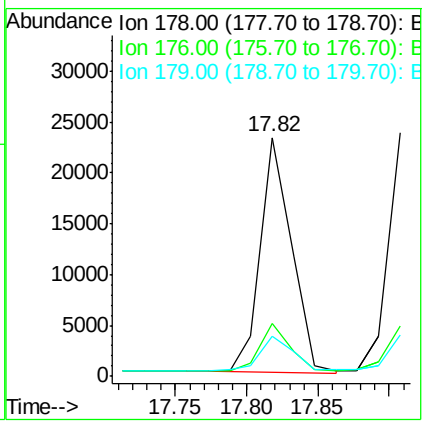


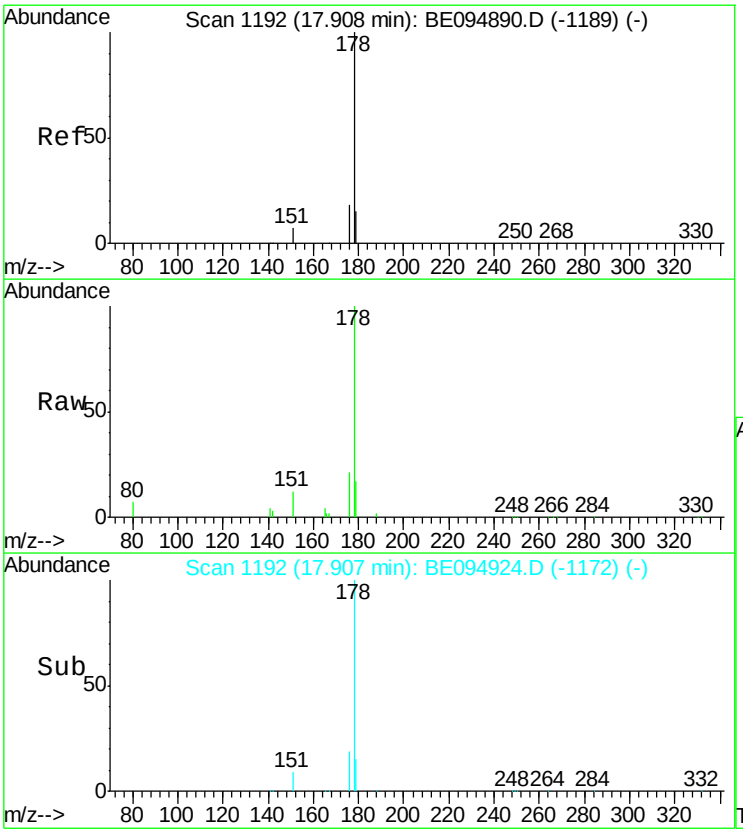
#23
Phenanthrene
Concen: 0.666 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:178 Resp: 34981

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	18.0	11.8	17.6#

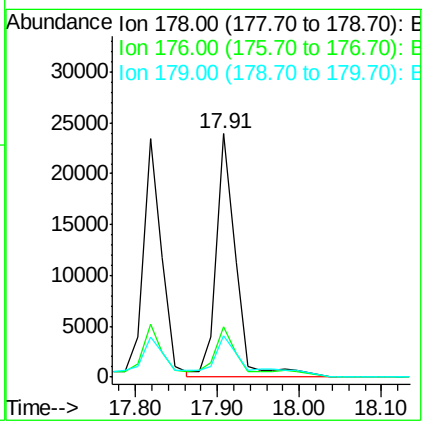


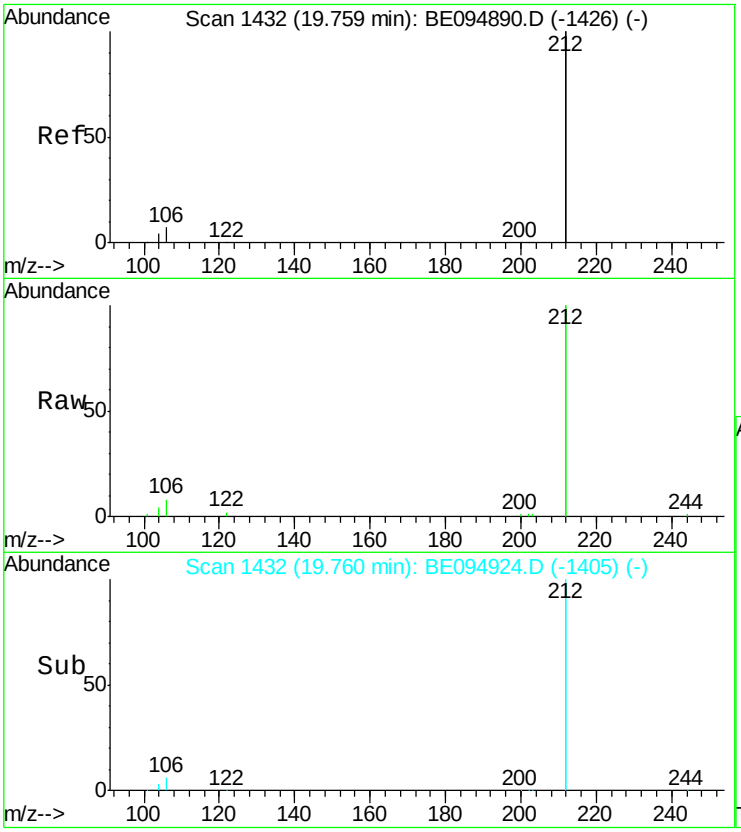


#24
Anthracene
Concen: 0.776 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:178 Resp: 43208

Ion	Ratio	Lower	Upper
178	100		
176	15.1	12.8	19.2
179	25.5	13.0	19.6#



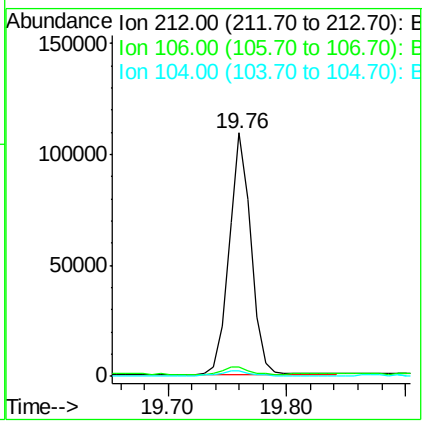


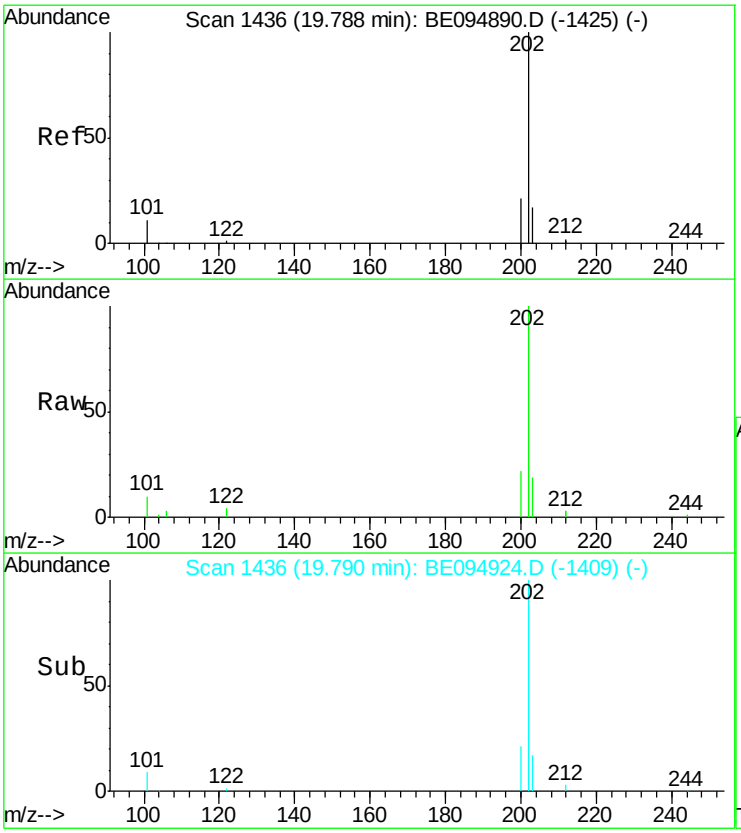
#25
Fluoranthene-d10
Concen: 0.621 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:212 Resp: 139914

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

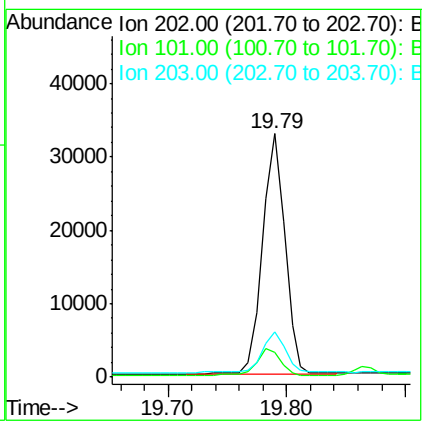


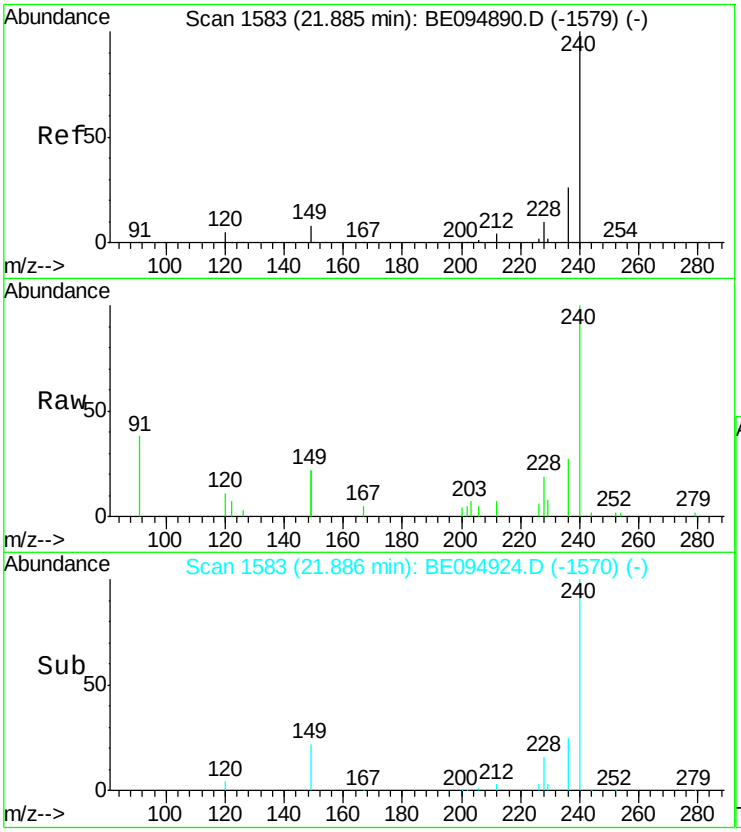


#26
Fluoranthene
Concen: 0.631 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:202 Resp: 42593

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
203	16.9	13.7	20.5



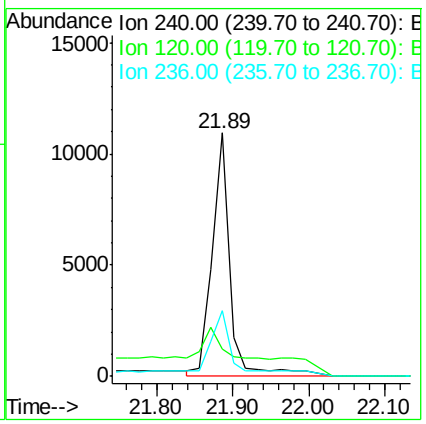


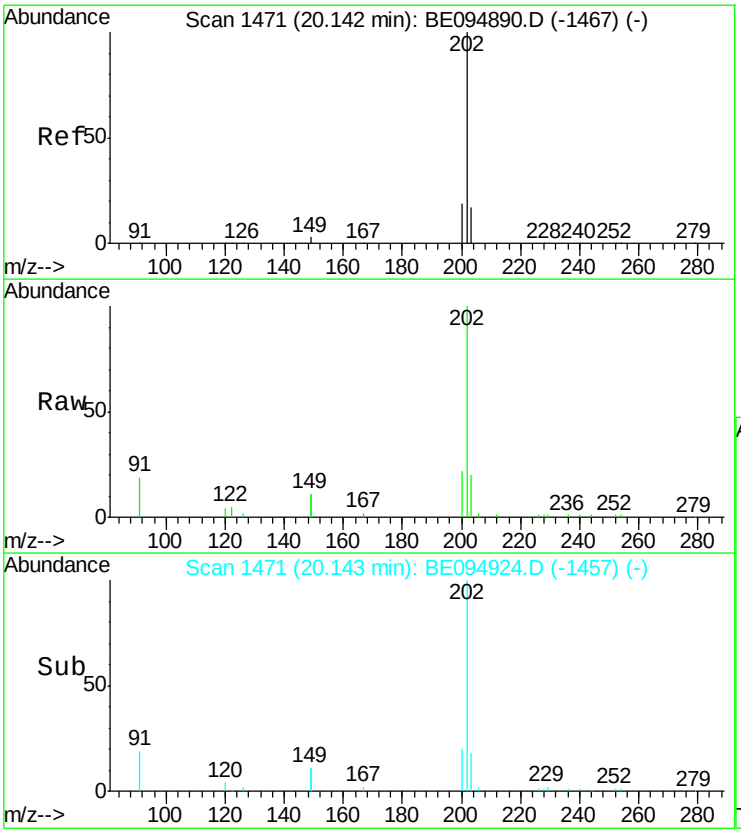
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:240 Resp: 19267

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.5	8.3#
236	26.8	20.7	31.1

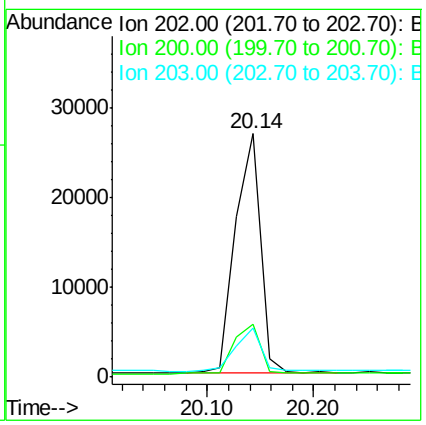


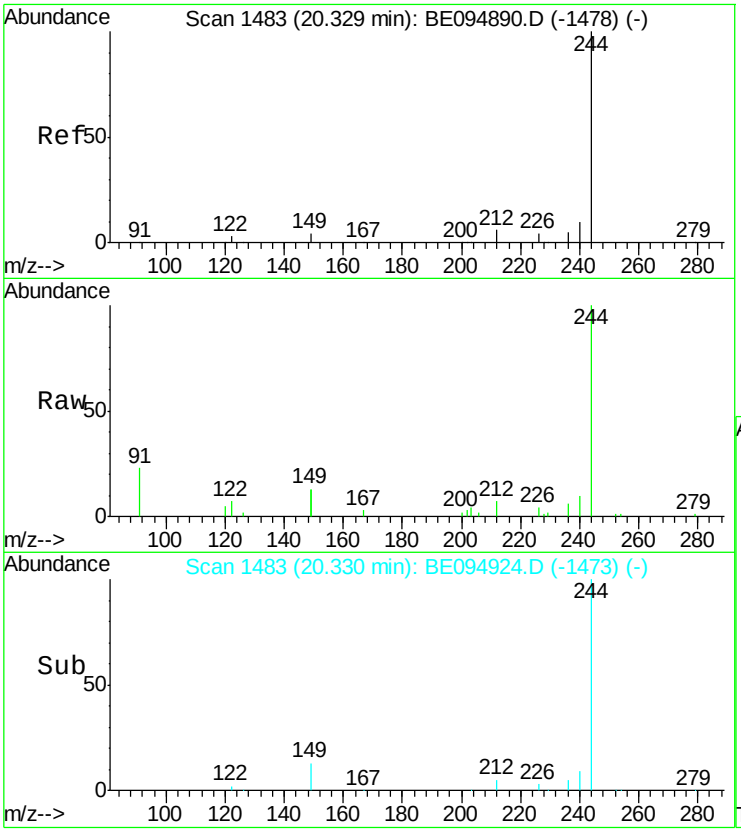


#28
Pyrene
Concen: 0.655 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:202 Resp: 43560

Ion	Ratio	Lower	Upper
202	100		
200	25.8	16.6	25.0#
203	18.7	13.8	20.8



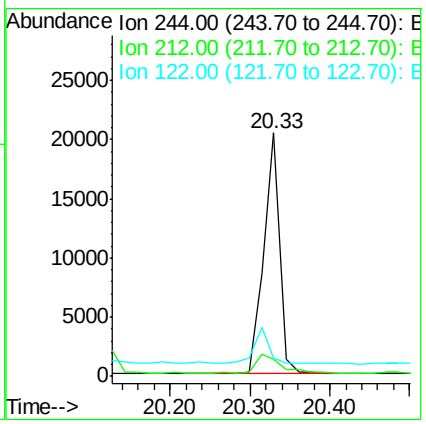


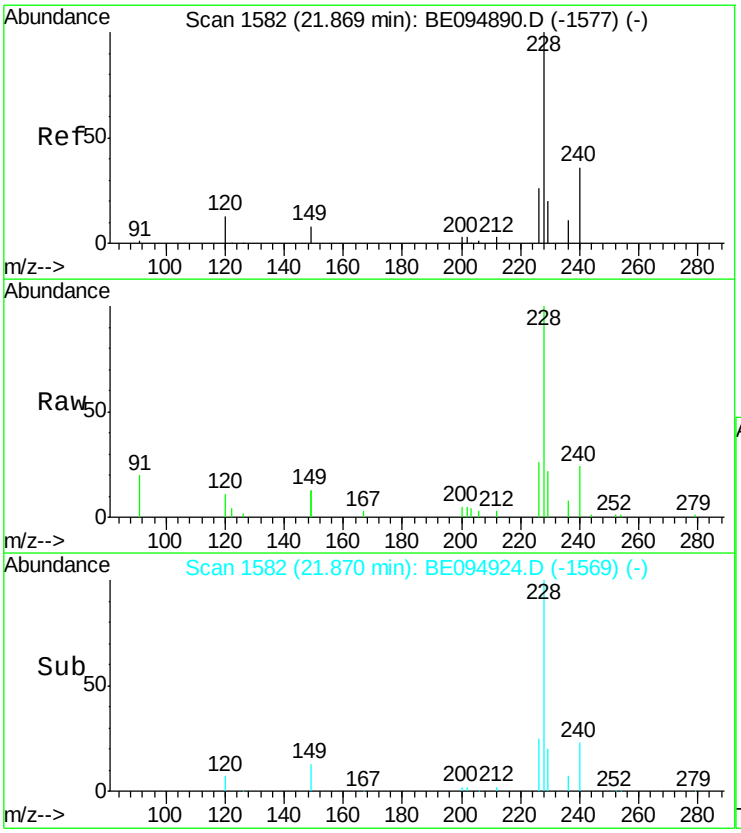
#29
Terphenyl-d14
Concen: 0.794 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:244 Resp: 28252

Ion	Ratio	Lower	Upper
244	100		
212	6.8	25.4	38.0#
122	7.5	8.1	12.1#

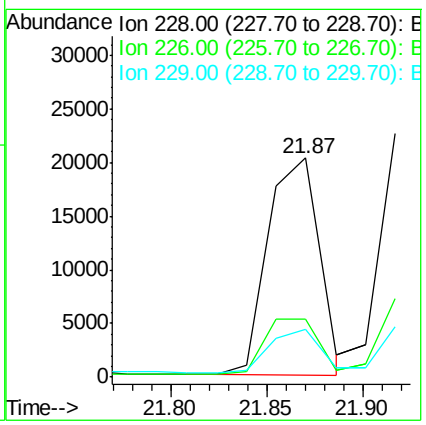


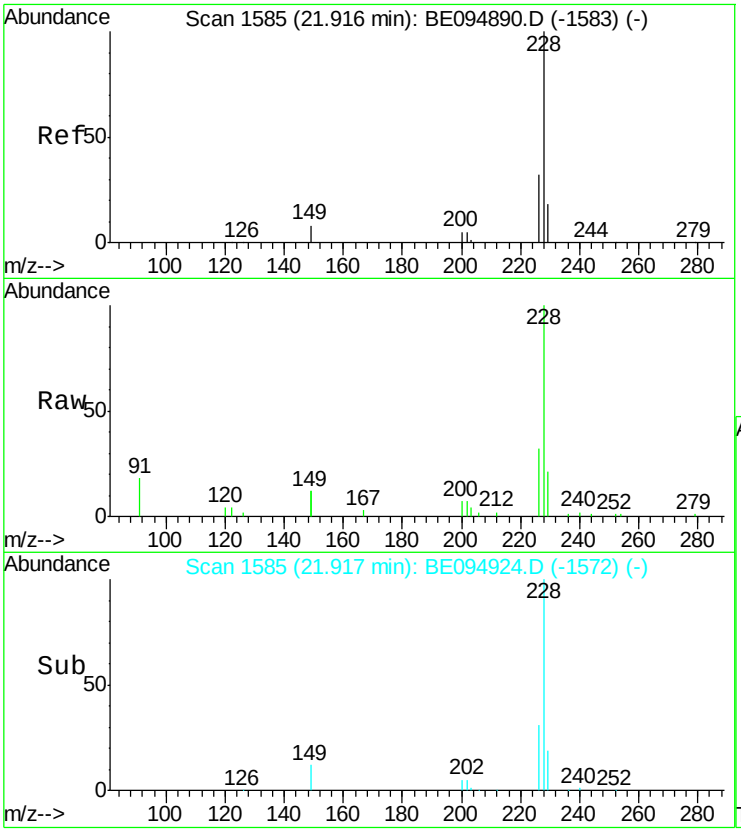


#30
Benzo(a)anthracene
Concen: 0.638 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:228 Resp: 37723

Ion	Ratio	Lower	Upper
228	100		
226	26.4	40.0	60.0#
229	22.0	40.0	60.0#



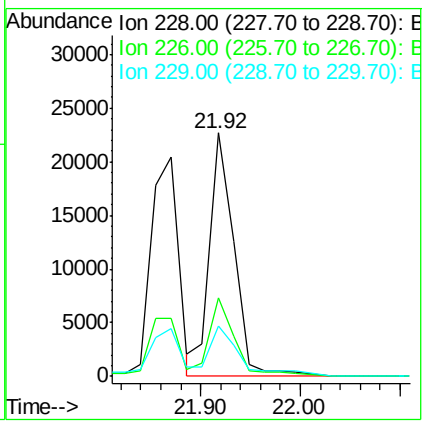


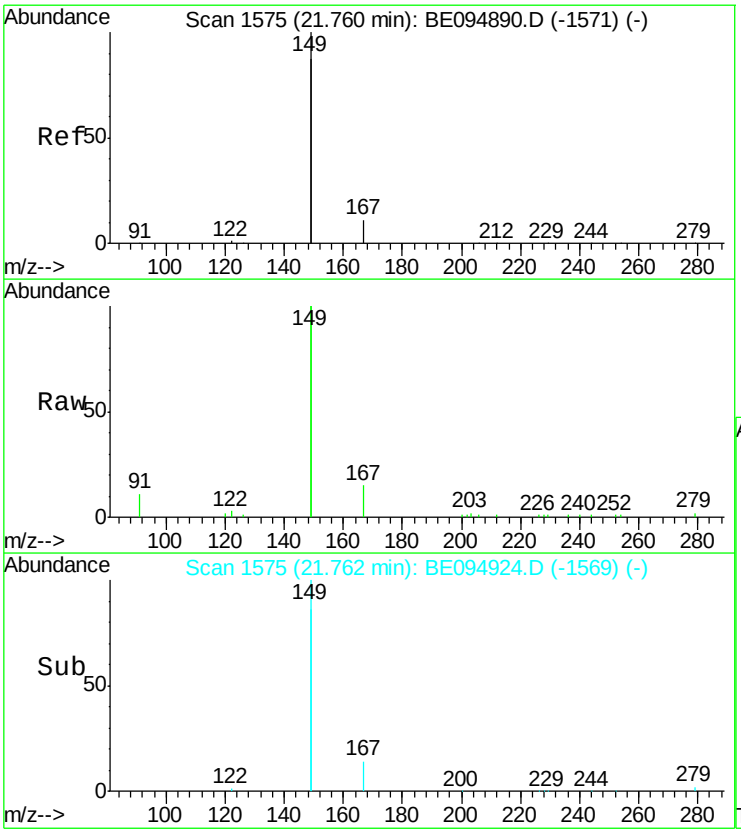
#31
Chrysene
Concen: 0.626 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:228 Resp: 40859

Ion	Ratio	Lower	Upper
228	100		
226	32.2	40.0	60.0#
229	20.7	40.0	60.0#

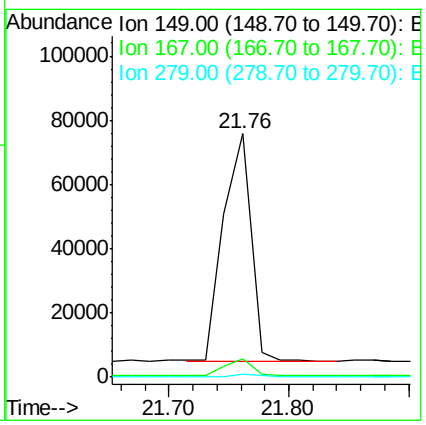


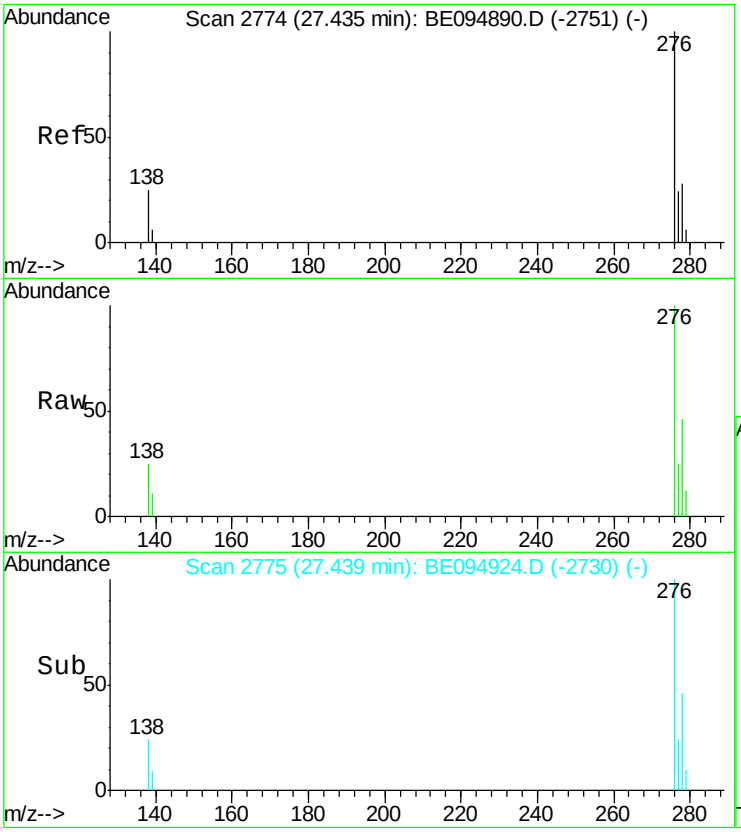


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.147 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:149 Resp: 112313

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	0.9	0.7	1.1



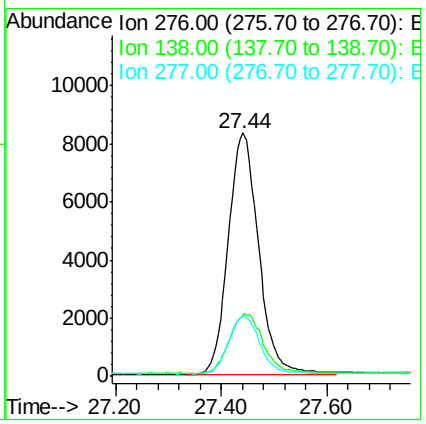


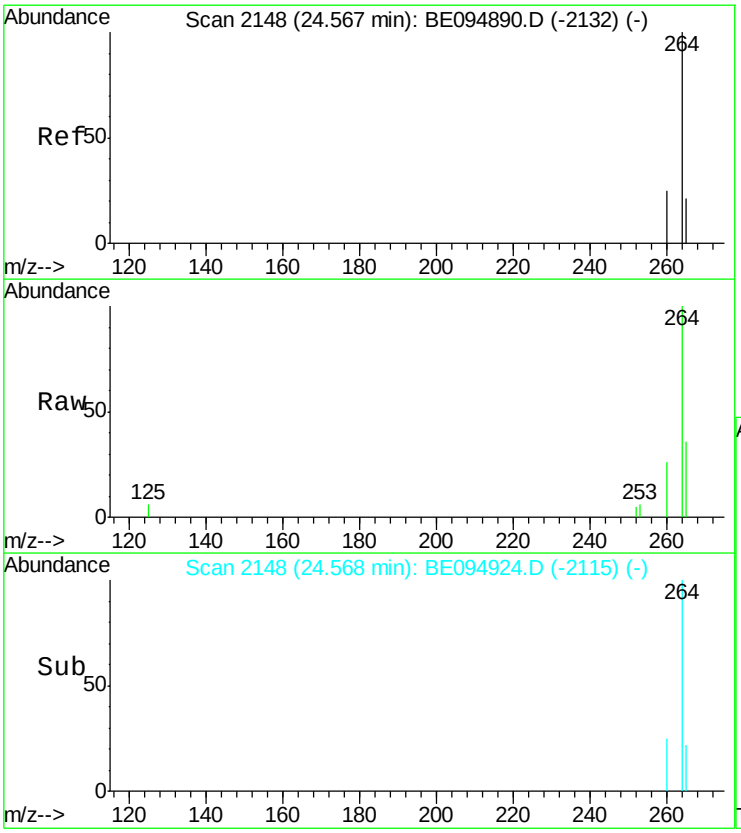
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.623 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:276 Resp: 33284

Ion	Ratio	Lower	Upper
276	100		
138	26.9	22.5	33.7
277	24.7	19.9	29.9

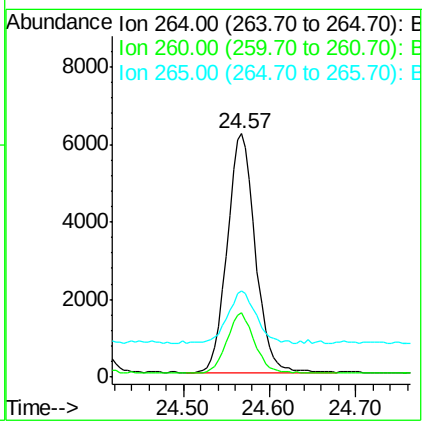


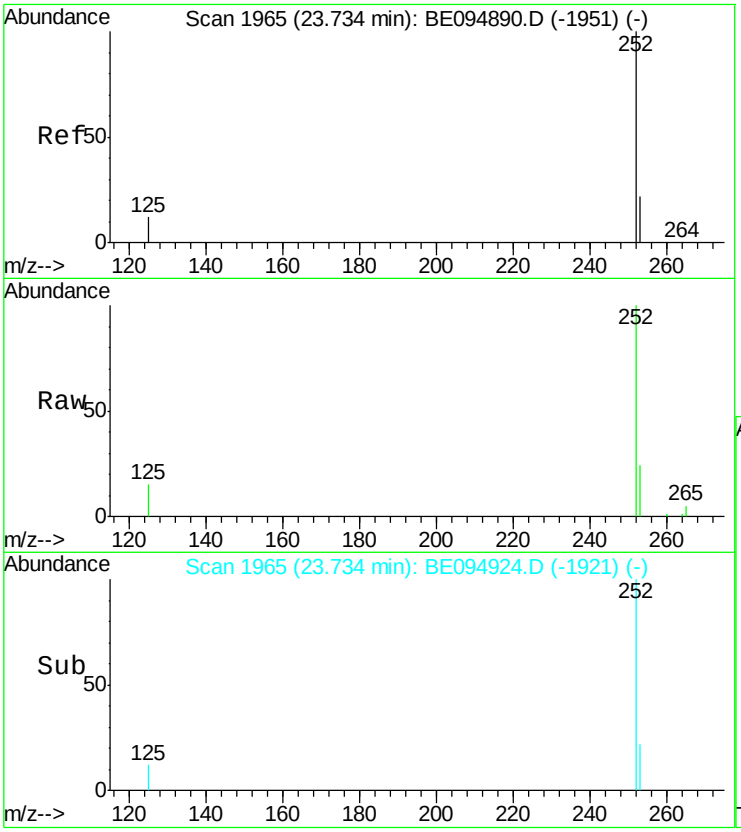


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:264 Resp: 14011

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	35.6	22.8	34.2#



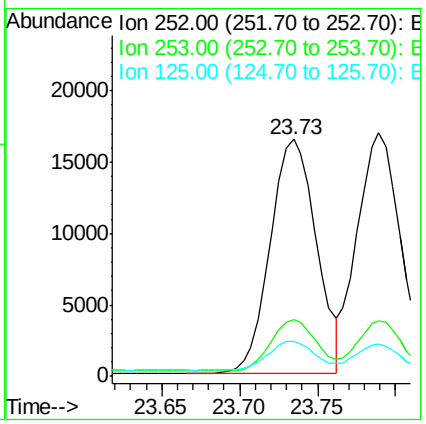


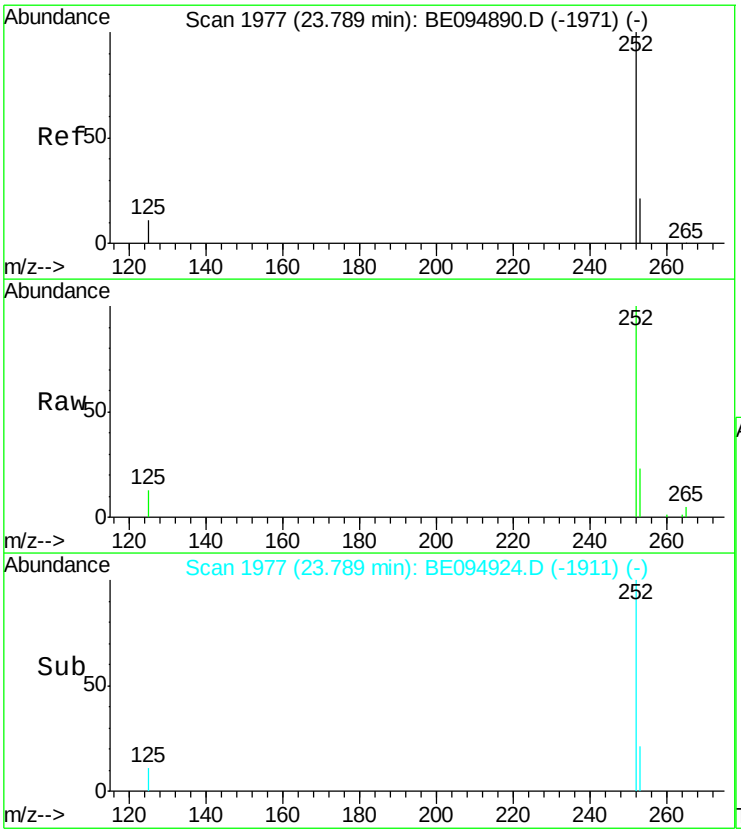
#35
Benzo(b)fluoranthene
Concen: 0.654 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:252 Resp: 33444

Ion	Ratio	Lower	Upper
252	100		
253	23.7	48.0	72.0#
125	14.7	56.0	84.0#

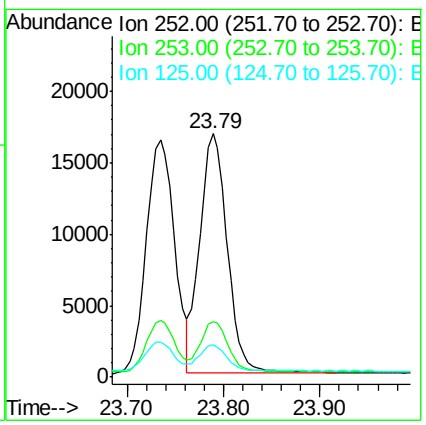


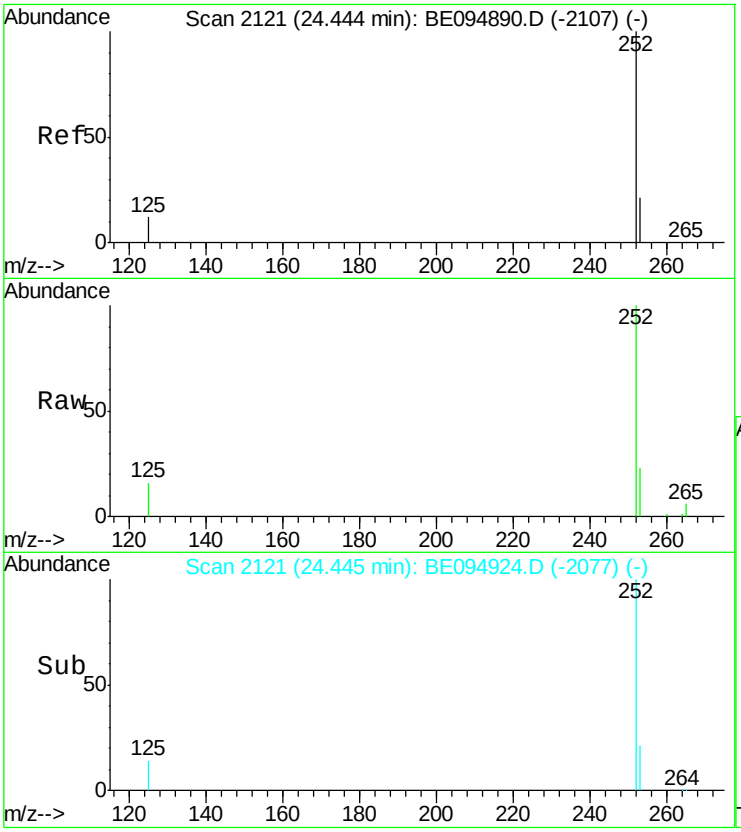


#36
Benzo(k)fluoranthene
Concen: 0.639 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:252 Resp: 33320

Ion	Ratio	Lower	Upper
252	100		
253	22.9	48.0	72.0#
125	13.1	56.0	84.0#



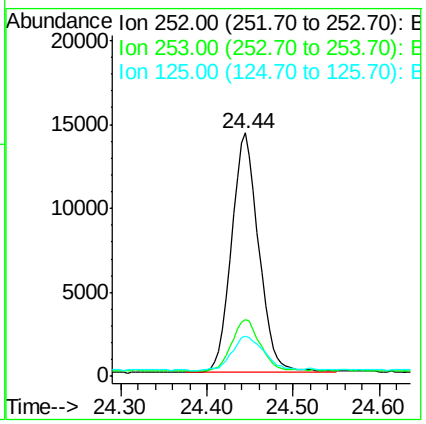


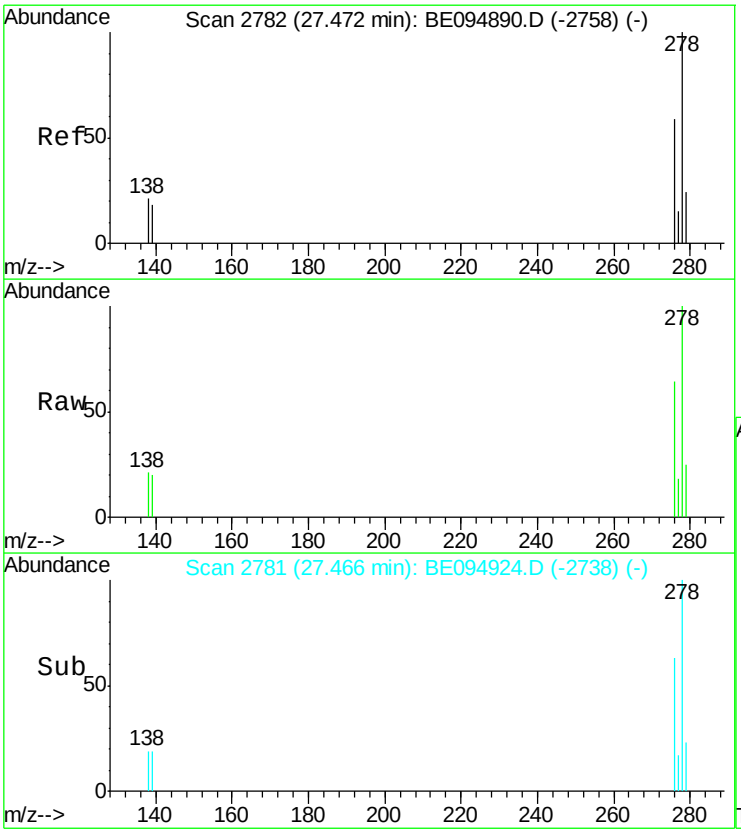
#37
Benzo(a)pyrene
Concen: 0.702 ng
RT: 24.44 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:252 Resp: 31500

Ion	Ratio	Lower	Upper
252	100		
253	23.1	52.0	78.0#
125	16.3	68.0	102.0#

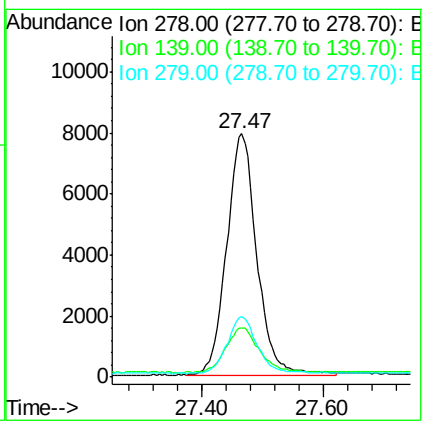


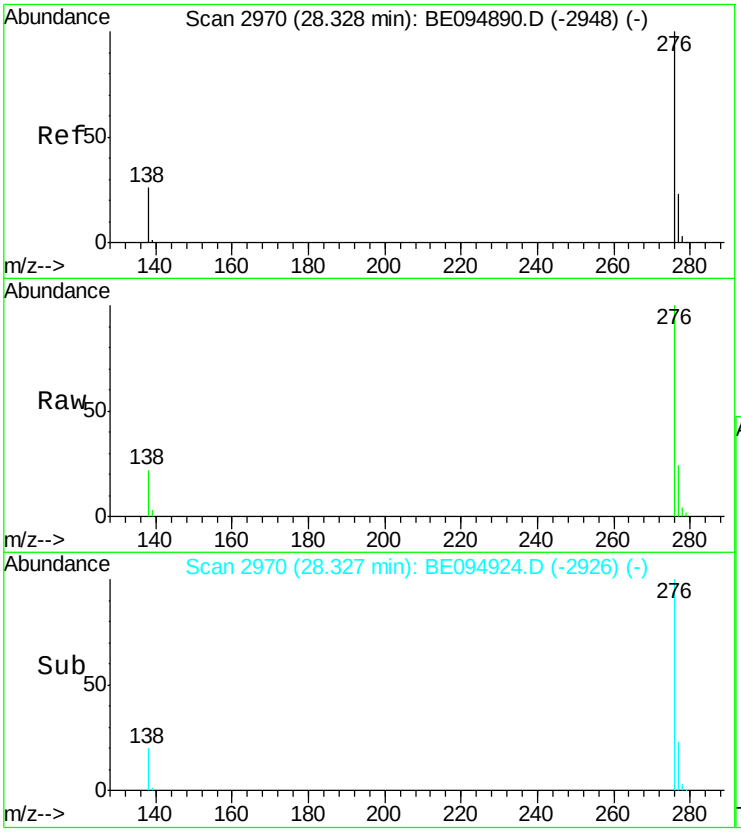


#38
Dibenzo(a,h)anthracene
Concen: 0.658 ng
RT: 27.47 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Tgt Ion:278 Resp: 27275

Ion	Ratio	Lower	Upper
278	100		
139	20.3	56.0	84.0#
279	24.8	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.679 ng
RT: 28.33 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE094924.D
Acq: 5 Dec 2017 20:51

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MSD

Tgt Ion:276 Resp: 28104

Ion	Ratio	Lower	Upper
276	100		
277	24.2	52.0	78.0#
138	21.7	44.0	66.0#