Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
Data File : BE100174.D
Acq On : 25 Jun 2019 10:02
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 25 14:02:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 13:57:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	410	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	1465	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	1114	0.40	ng		0.01
19) Phenanthrene-d10	17.09	188	3333	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4564	0.40	ng		0.00
34) Perylene-d12	23.73	264	6508	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	151	0.16	ng		0.00
5) Phenol-d6	6.91	99	220	0.19	ng		0.04
8) Nitrobenzene-d5	8.87	82	230	0.17	ng		0.03
11) 2-Methylnaphthalene-d10	12.09	152	529	0.19	ng		0.01
14) 2,4,6-Tribromophenol	15.86	330	97	0.13	ng		0.01
15) 2-Fluorobiphenyl	12.99	172	875	0.20	ng		0.01
25) Fluoranthene-d10	19.14	212	8899	0.19	ng		0.00
29) Terphenyl-d14	19.74	244	1773	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	153	0.263	ng		97
3) n-Nitrosodimethylamine	3.51	42	18	0.075	ng	#	1
6) bis(2-Chloroethyl)ether	7.13	93	171	0.155	ng	#	49
9) Naphthalene	10.52	128	3149	0.199	ng	#	93
10) Hexachlorobutadiene	10.78	225	319	0.211	ng		94
12) 2-Methylnaphthalene	12.18	142	455	0.174	ng		89
16) Acenaphthylene	14.07	152	1042	0.196	ng		96
17) Acenaphthene	14.41	154	561	0.186	ng		96
18) Fluorene	15.39	166	821	0.186	ng		98
20) 4-Bromophenyl-phenylether	16.31	248	395	0.190	ng		88
21) Hexachlorobenzene	16.40	284	436	0.199	ng		97
22) Pentachlorophenol	16.85	266	52	0.081	ng		92
23) Phenanthrene	17.15	178	1429	0.183	ng		98
24) Anthracene	17.24	178	1064	0.153	ng		99
26) Fluoranthene	19.17	202	2360	0.188	ng		97
28) Pyrene	19.53	202	2333	0.182	ng		99
30) Benzo(a)anthracene	21.27	228	2308	0.167	ng		97
31) Chrysene	21.32	228	3144	0.205	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2970	0.130	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	4833	0.275	ng	#	94
35) Benzo(b)fluoranthene	23.03	252	3748	0.225	ng		96
36) Benzo(k)fluoranthene	23.03	252	3836	0.190	ng	#	93
37) Benzo(a)pyrene	23.62	252	3399	0.197	ng	#	80
38) Dibenzo(a,h)anthracene	26.35	278	3723	0.214	ng		95
39) Benzo(g,h,i)perylene	27.11	276	3965	0.218	ng		96

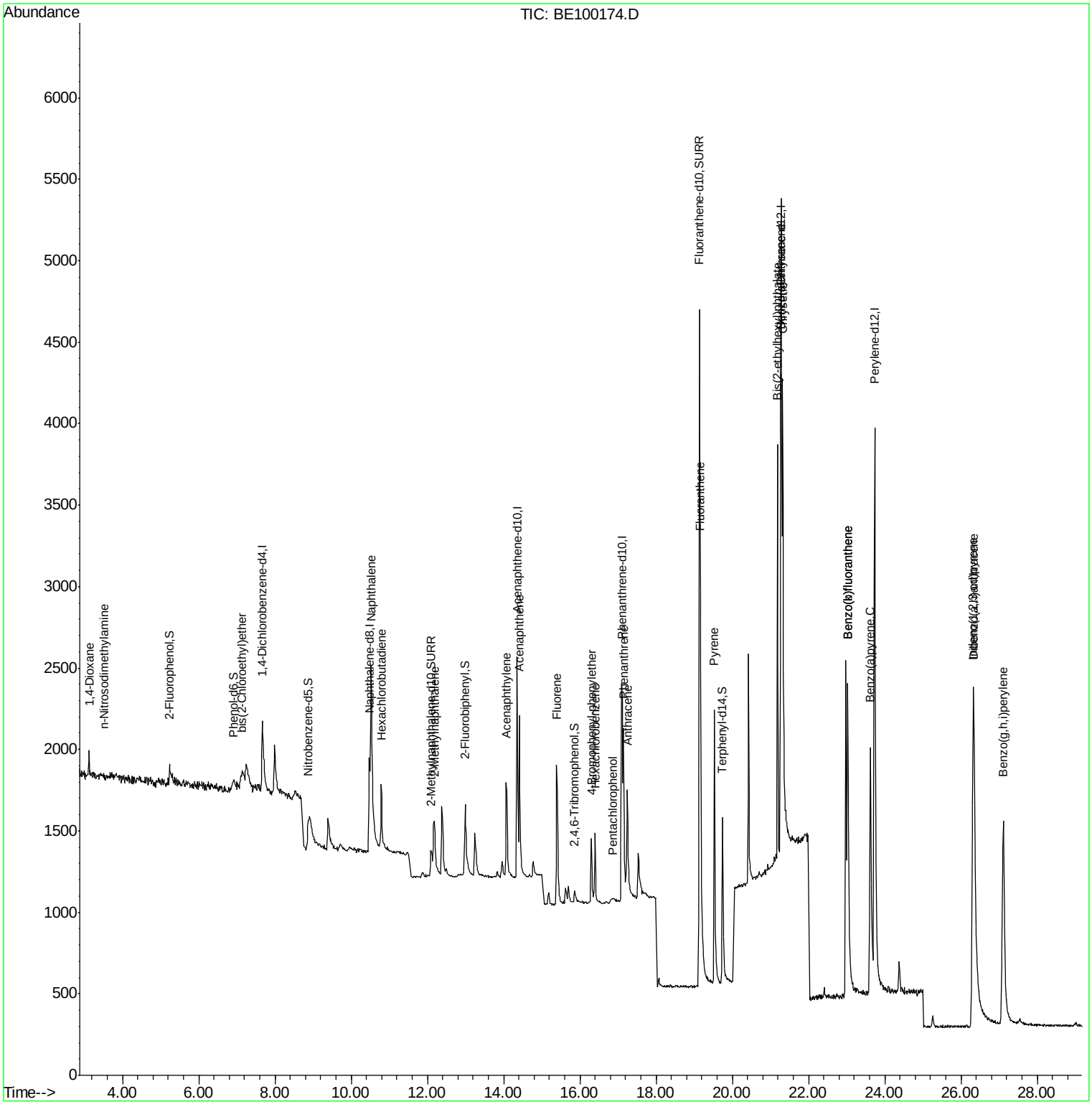
(#) = qualifier out of range (m) = manual integration (+) = signals summed

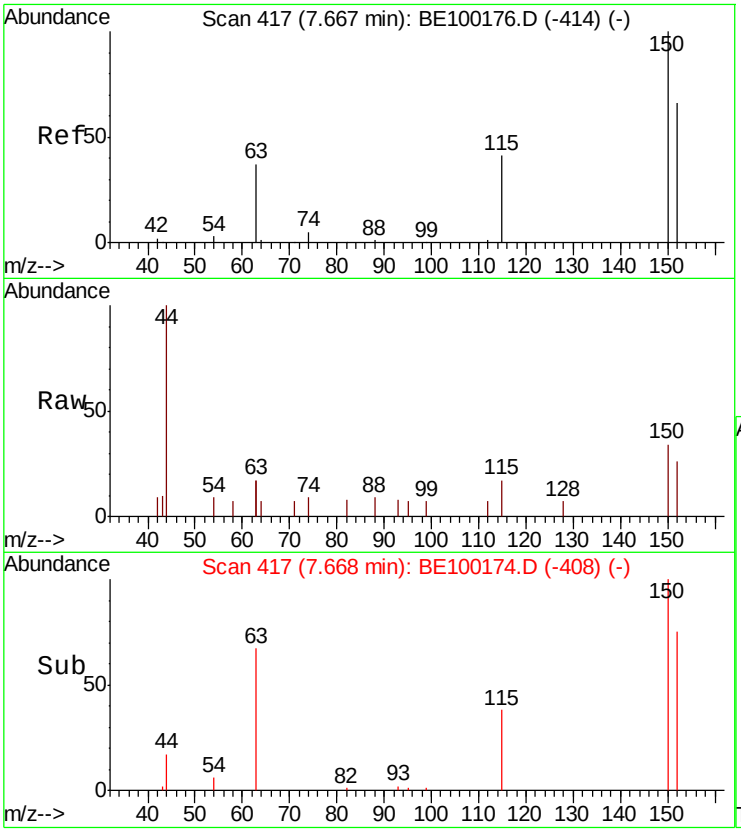
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
Data File : BE100174.D
Acq On : 25 Jun 2019 10:02
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 25 14:02:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 13:57:09 2019
Response via : Initial Calibration



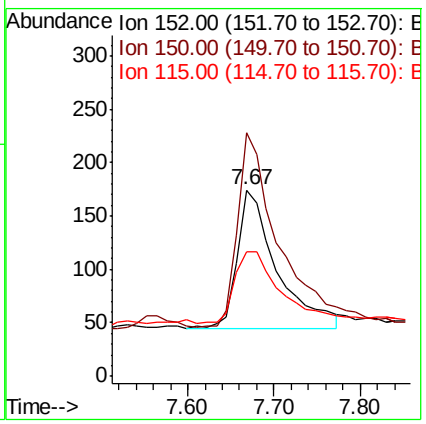


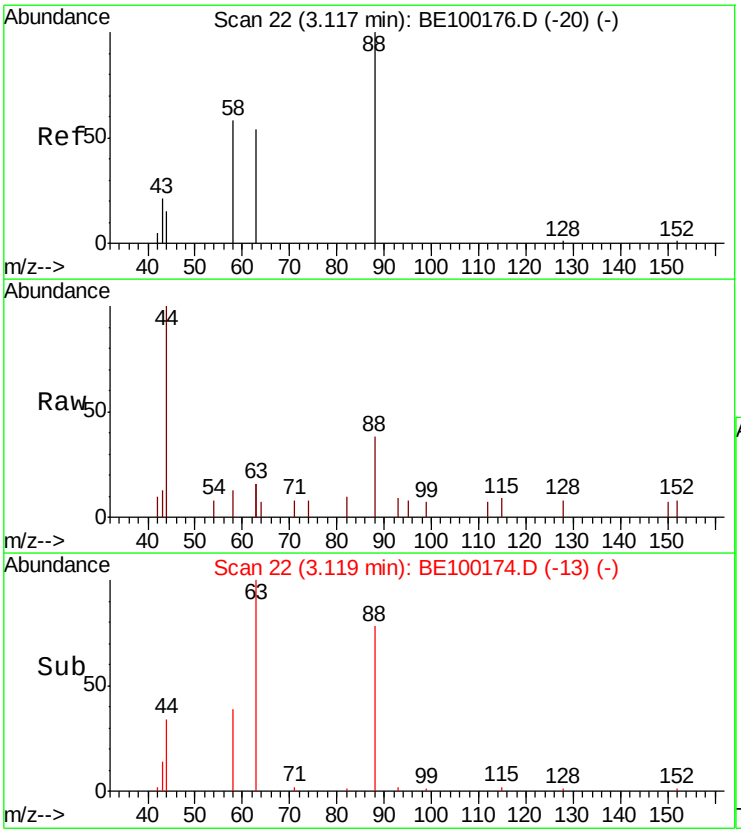
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 410

Ion	Ratio	Lower	Upper
152	100		
150	131.0	113.4	170.2
115	66.7	55.8	83.6

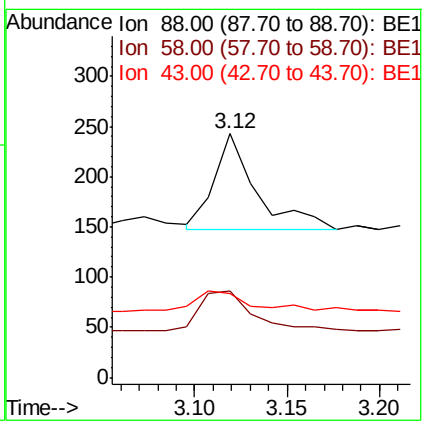


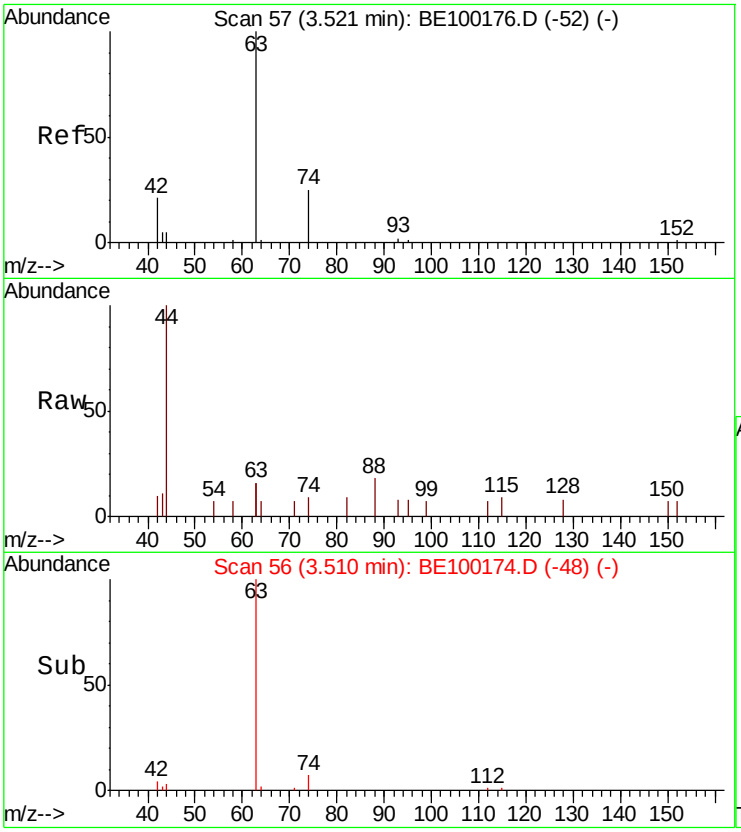


#2
1,4-Dioxane
Concen: 0.263 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion: 88 Resp: 153

Ion	Ratio	Lower	Upper
88	100		
58	52.9	43.8	65.6
43	26.8	19.4	29.2



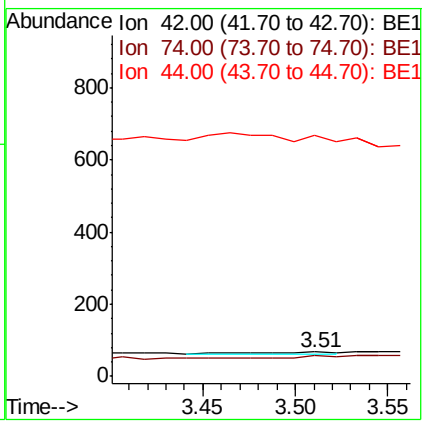


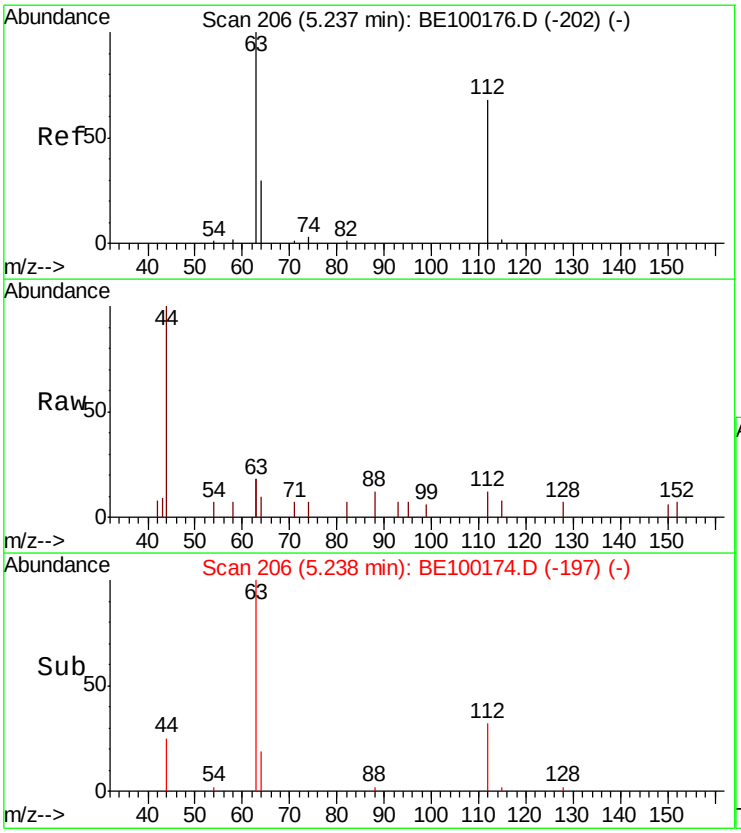
#3
n-Nitrosodimethylamine
Concen: 0.075 ng
RT: 3.51 min Scan# 56
Delta R.T. -0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 18

Ion	Ratio	Lower	Upper
42	100		
74	0.0	193.2	289.8#
44	0.0	114.5	171.7#

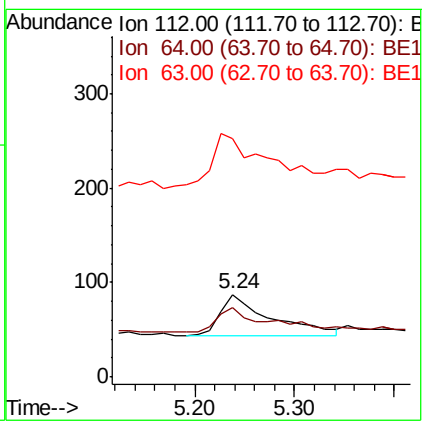


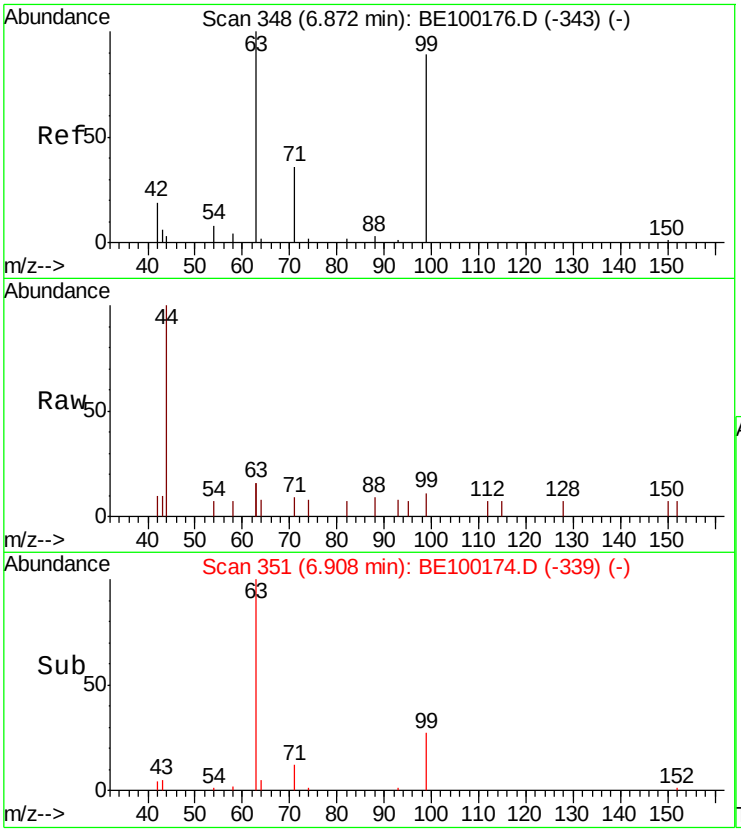


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.24 min Scan# 206
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:112 Resp: 151

Ion	Ratio	Lower	Upper
112	100		
64	37.7	40.7	61.1#
63	158.3	93.2	139.8#



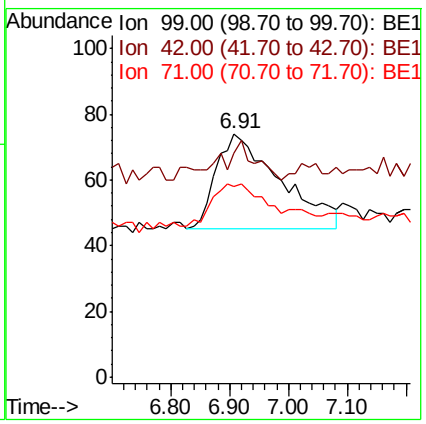


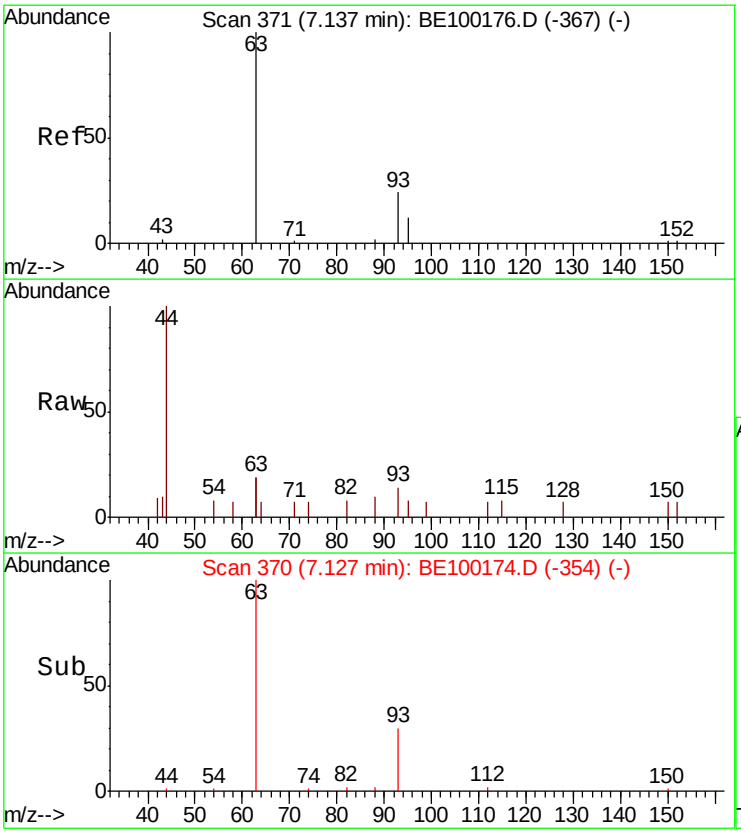
#5
Phenol-d6
Concen: 0.186 ng
RT: 6.91 min Scan# 351
Delta R.T. 0.04 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 220

Ion	Ratio	Lower	Upper
99	100		
42	18.6	10.4	15.6#
71	0.0	32.4	48.6#

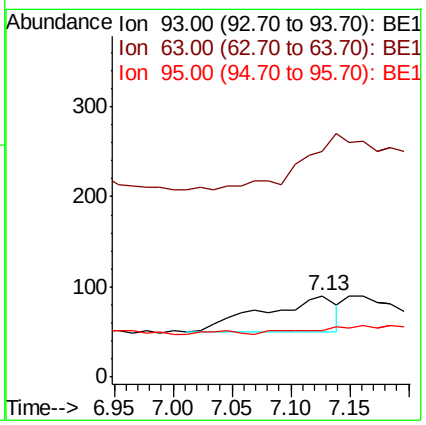


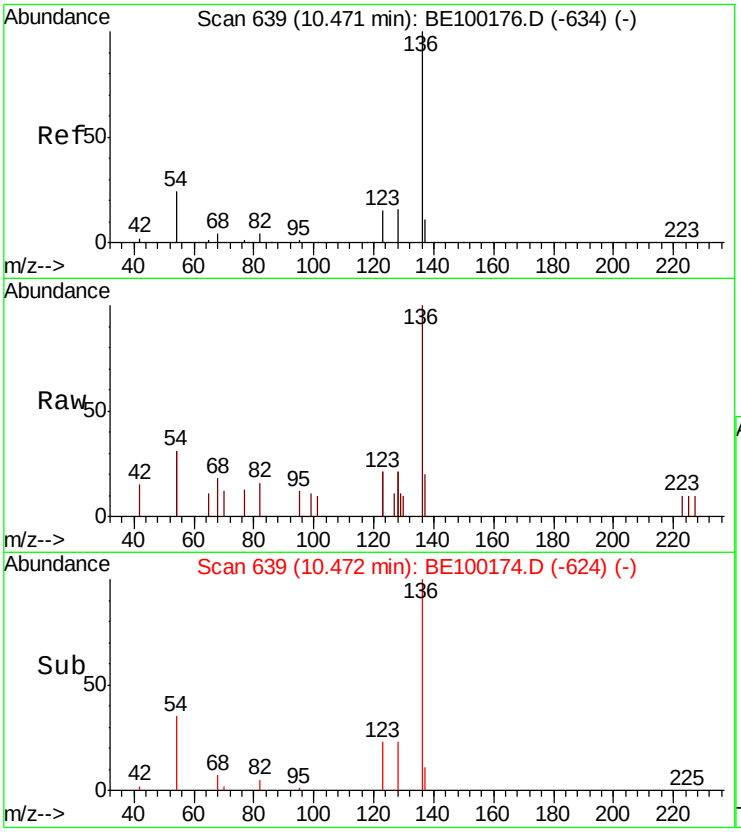


#6
bis(2-Chloroethyl)ether
Concen: 0.155 ng
RT: 7.13 min Scan# 370
Delta R.T. -0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion: 93 Resp: 171

Ion	Ratio	Lower	Upper
93	100		
63	194.7	0.0	0.0#
95	0.0	21.0	31.6#



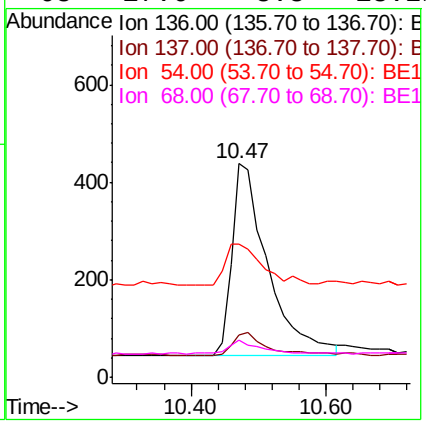


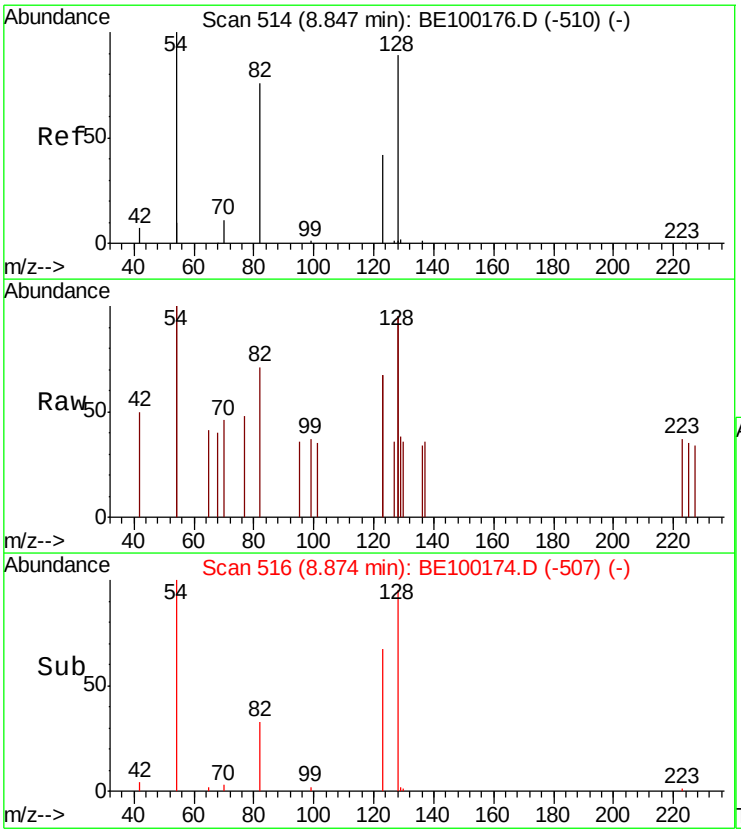
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1465

Ion	Ratio	Lower	Upper
136	100		
137	20.1	13.8	20.8
54	62.1	35.4	53.2#
68	17.6	8.8	13.2#

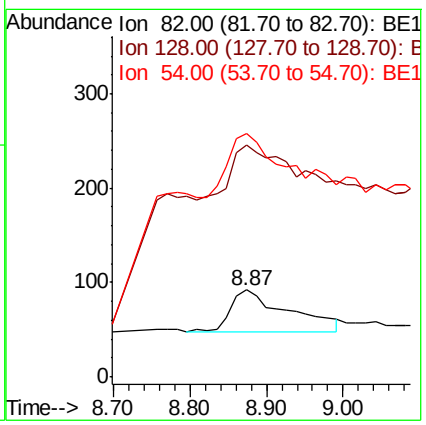


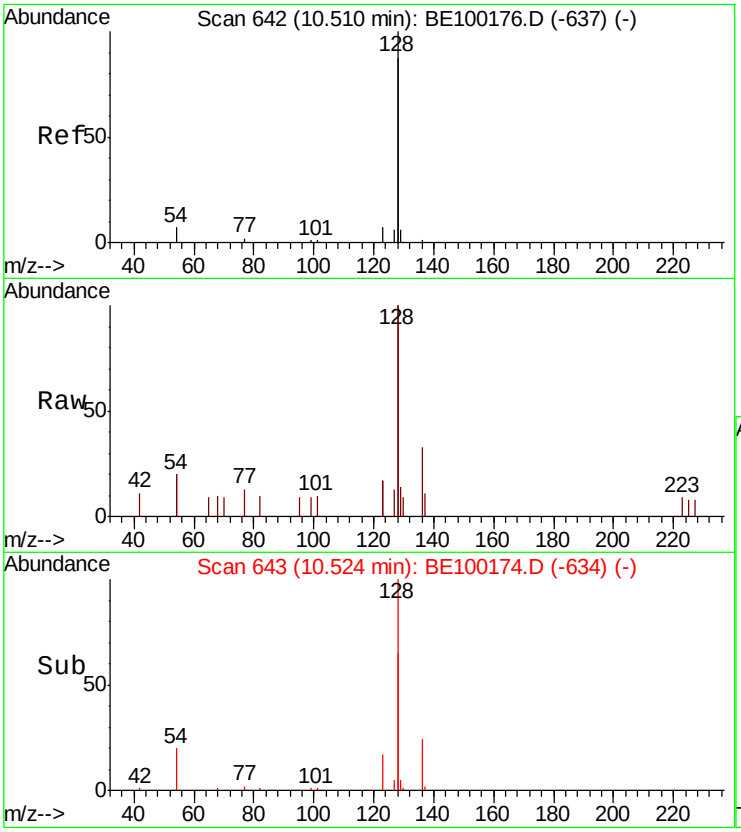


#8
Nitrobenzene-d5
Concen: 0.166 ng
RT: 8.87 min Scan# 516
Delta R.T. 0.03 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion: 82 Resp: 230

Ion	Ratio	Lower	Upper
82	100		
128	267.4	144.6	217.0#
54	280.4	163.0	244.6#



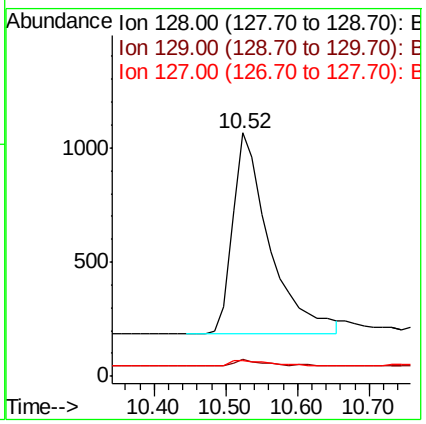


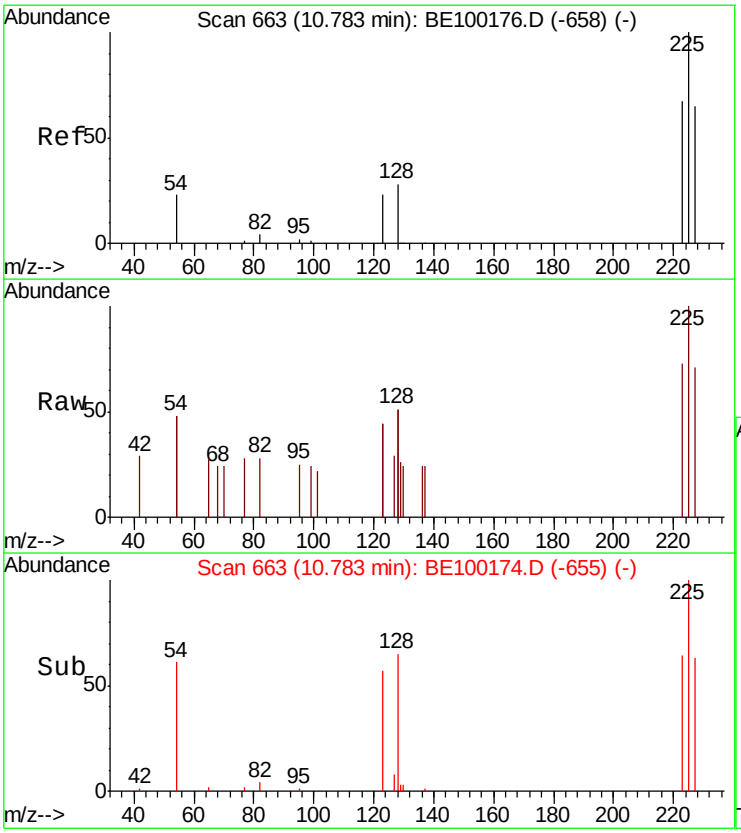
#9
Naphthalene
Concen: 0.199 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3149

Ion	Ratio	Lower	Upper
128	100		
129	7.0	3.6	5.4#
127	6.7	3.8	5.8#

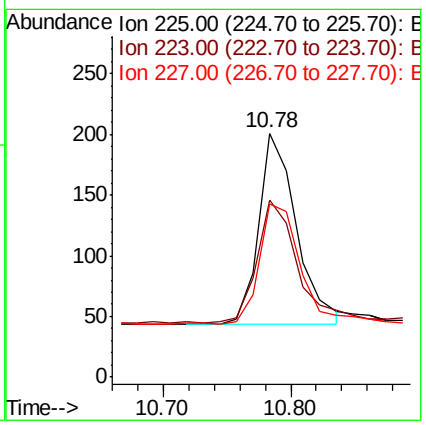


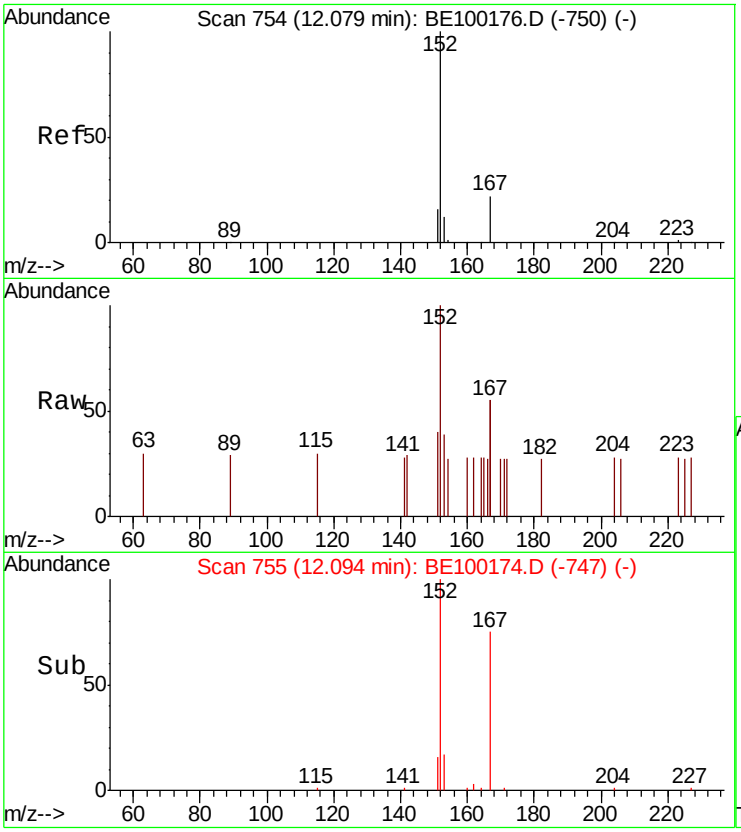


#10
Hexachlorobutadiene
Concen: 0.211 ng
RT: 10.78 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:225 Resp: 319

Ion	Ratio	Lower	Upper
225	100		
223	68.0	50.1	75.1
227	67.7	50.9	76.3



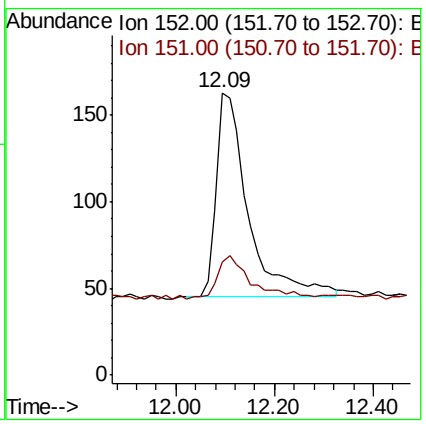


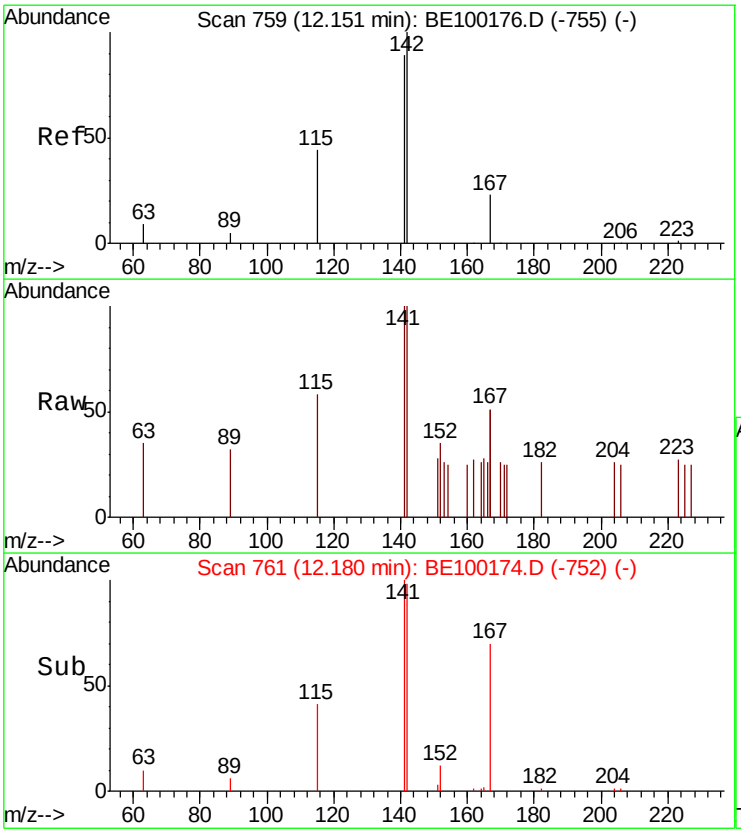
#11
2-Methylnaphthalene-d10
Concen: 0.193 ng
RT: 12.09 min Scan# 755
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 529

Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.3	24.5

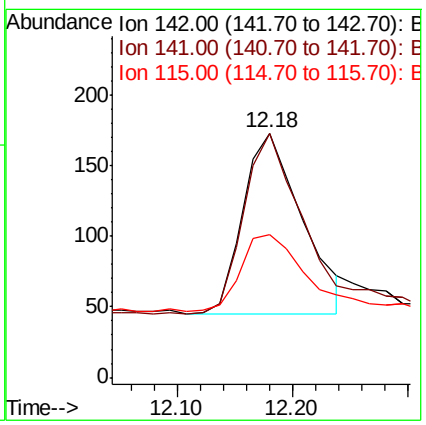


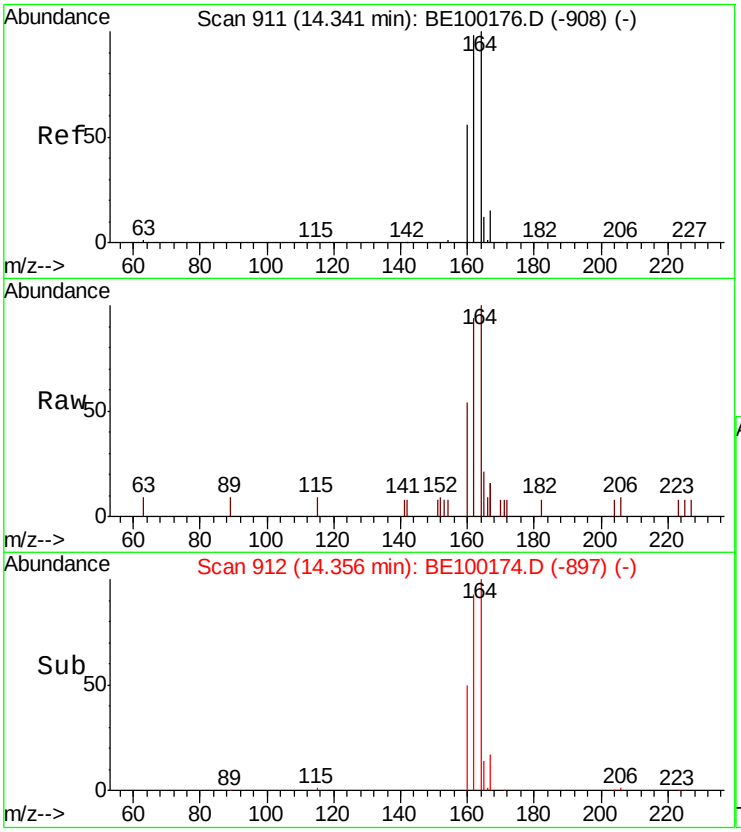


#12
2-Methylnaphthalene
Concen: 0.174 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.03 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:142 Resp: 455

Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.8	107.8
115	58.4	40.4	60.6



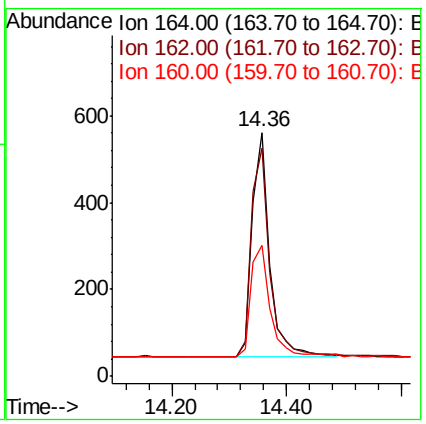


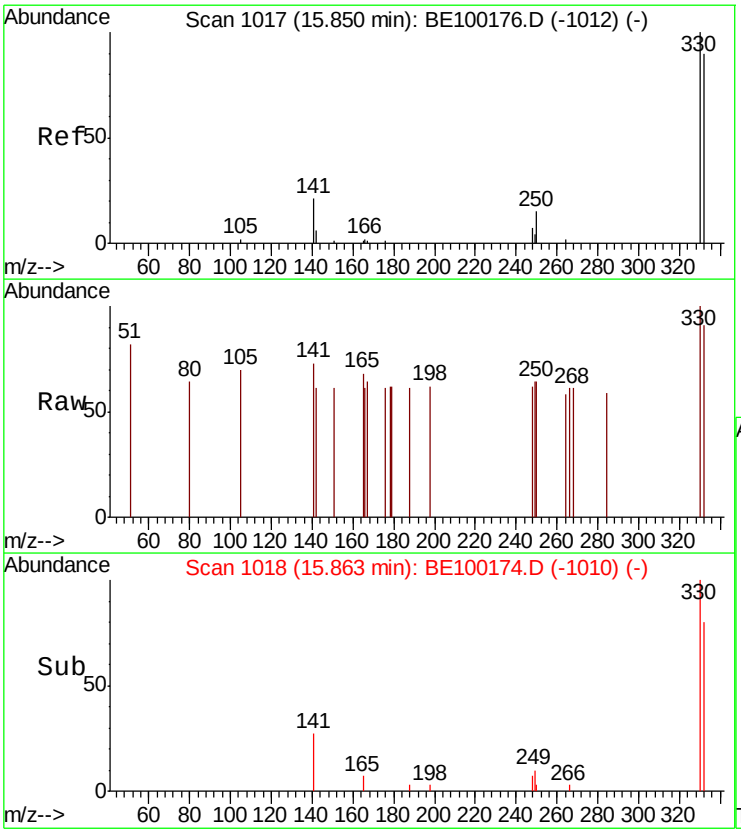
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1114

Ion	Ratio	Lower	Upper
164	100		
162	93.9	78.6	118.0
160	53.7	46.9	70.3

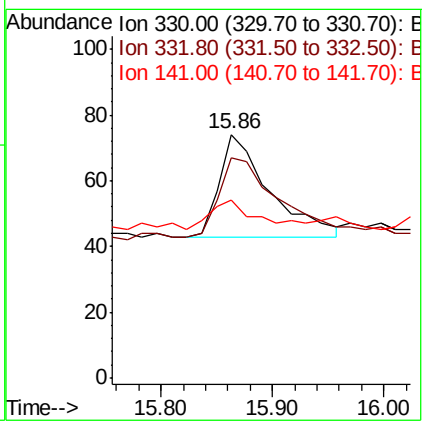


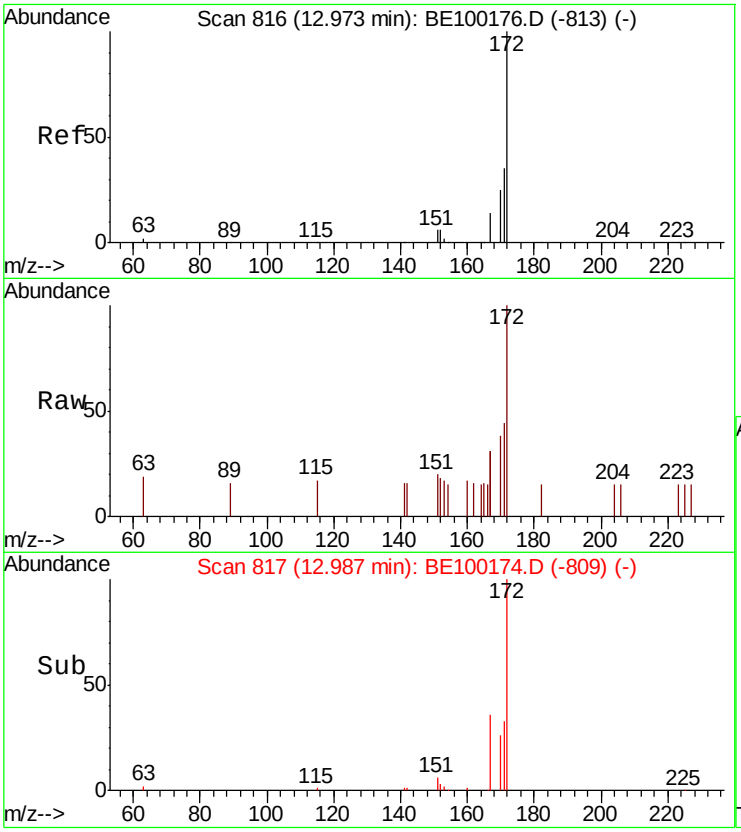


#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:330 Resp: 97

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.7	116.5
141	27.8	18.9	28.3



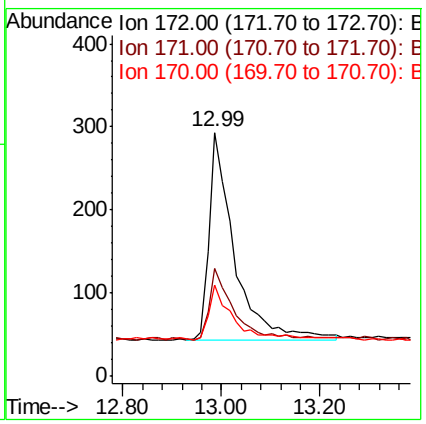


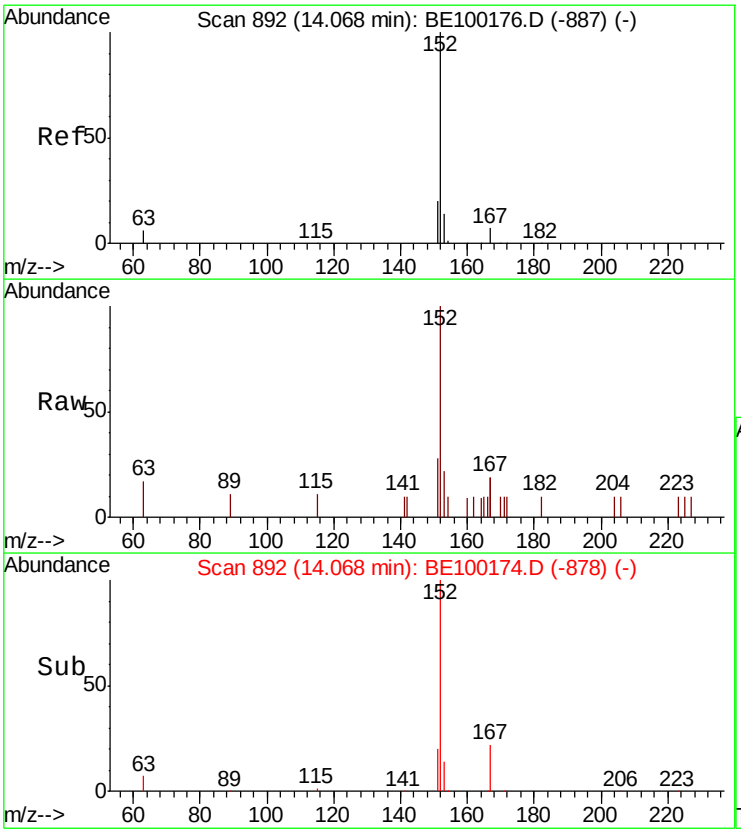
#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 875

Ion	Ratio	Lower	Upper
172	100		
171	44.4	31.0	46.4
170	37.5	23.9	35.9#

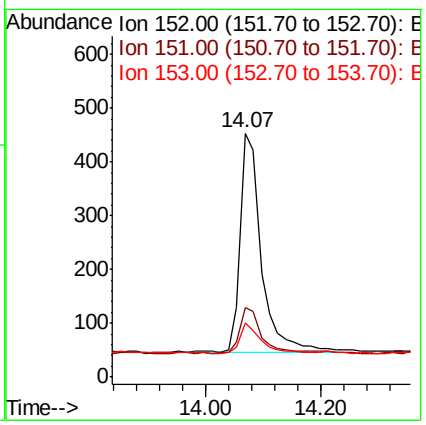


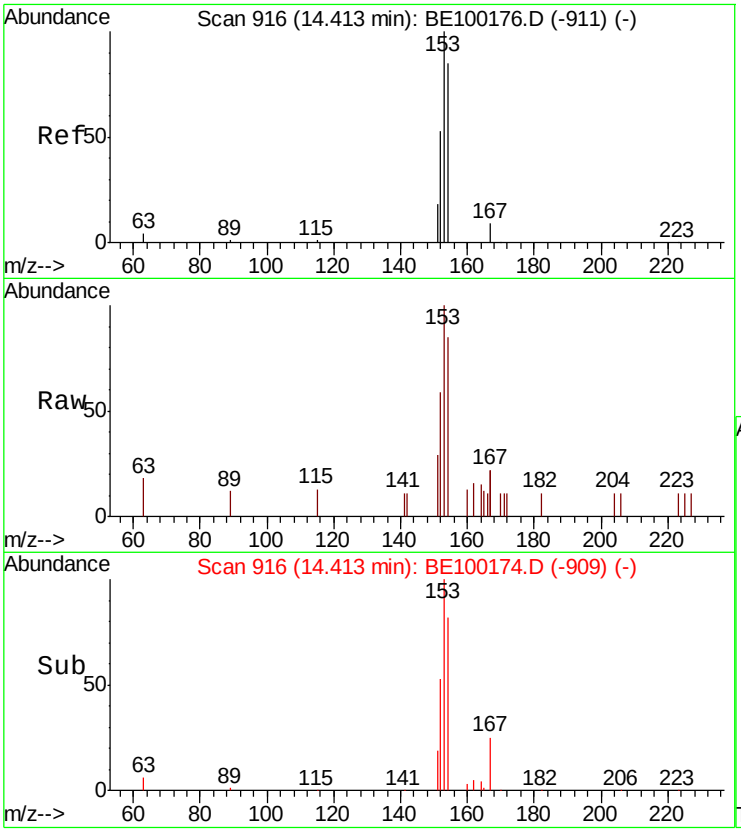


#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.07 min Scan# 892
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:152 Resp: 1042

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.4	23.0
153	13.1	10.8	16.2



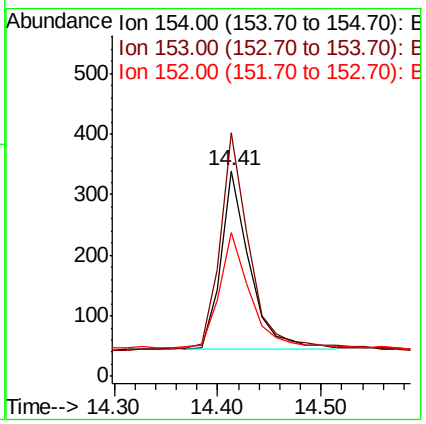


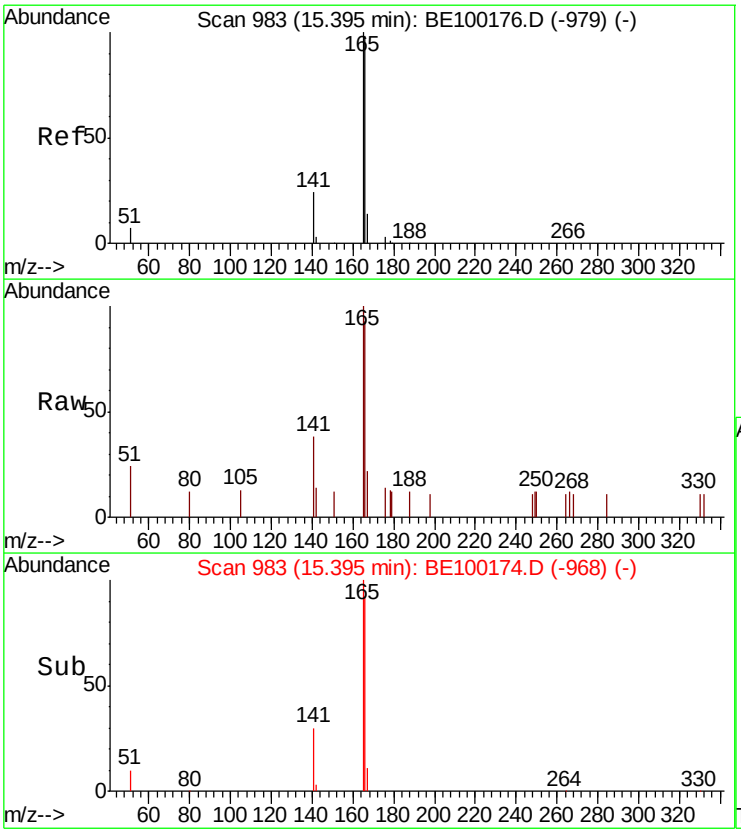
#17
Acenaphthene
Concen: 0.186 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 561

Ion	Ratio	Lower	Upper
154	100		
153	123.4	95.3	142.9
152	68.8	52.9	79.3

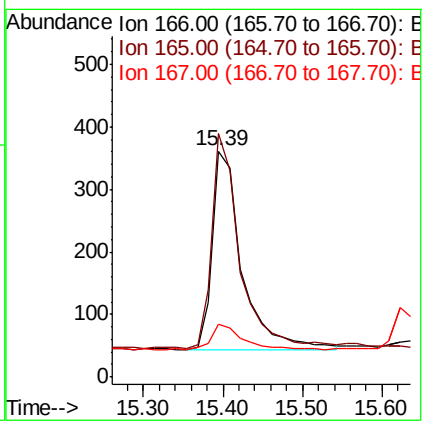


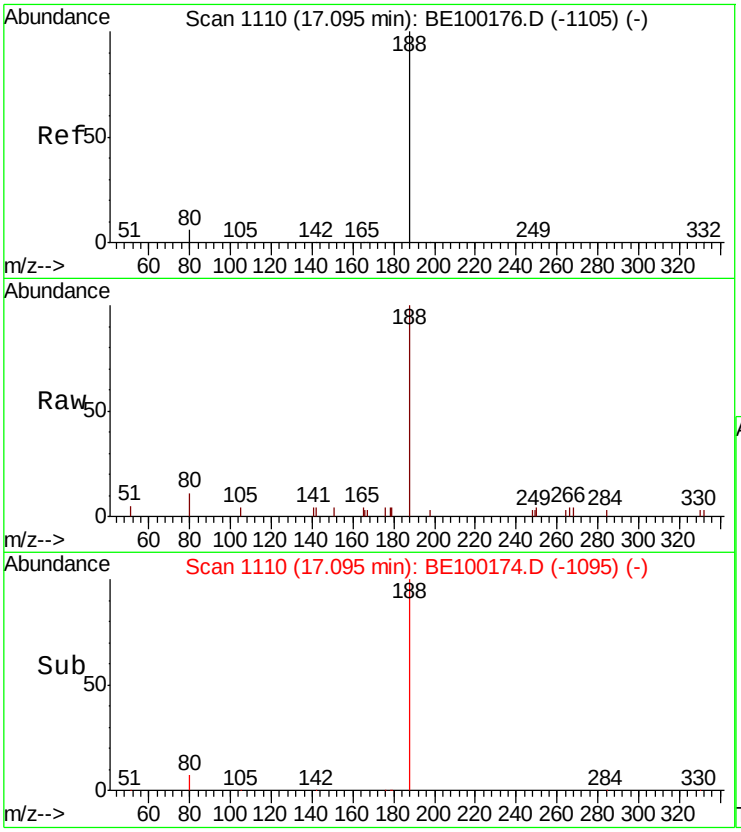


#18
Fluorene
Concen: 0.186 ng
RT: 15.39 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:166 Resp: 821

Ion	Ratio	Lower	Upper
166	100		
165	102.6	81.0	121.4
167	12.7	11.4	17.0



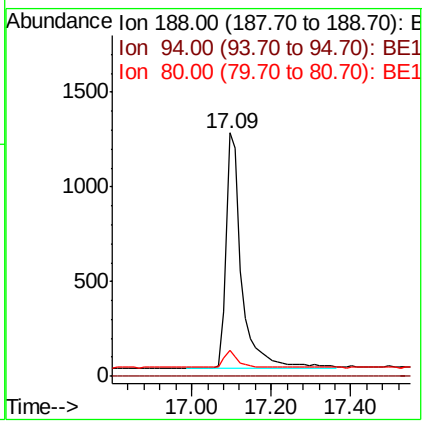


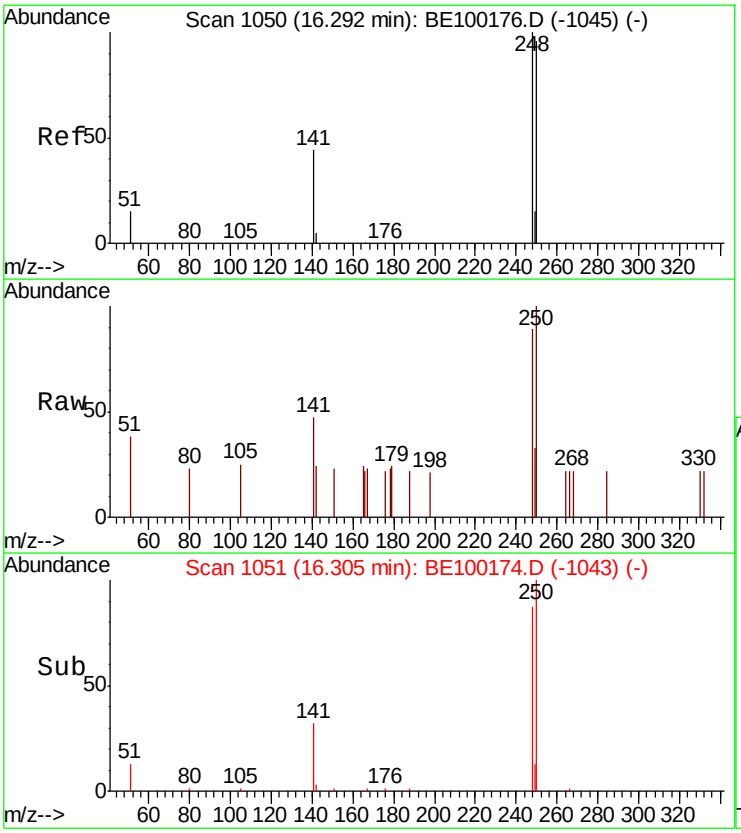
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3333

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	6.4	9.6#

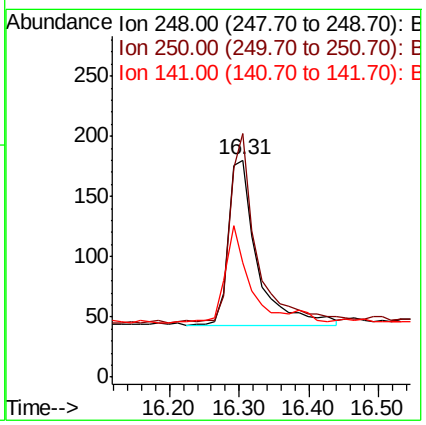


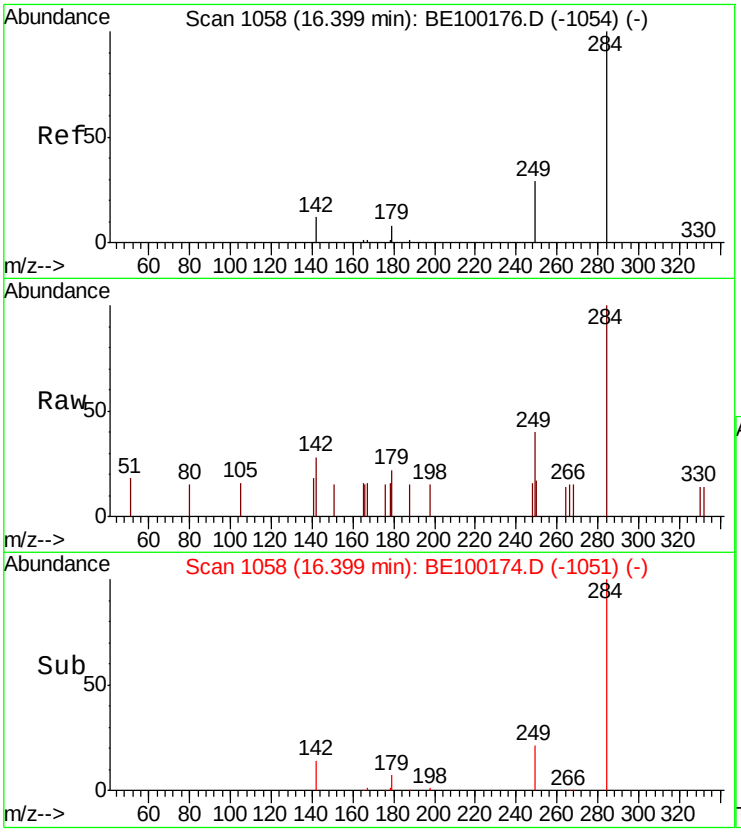


#20
4-Bromophenyl-phenylether
Concen: 0.190 ng
RT: 16.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:248 Resp: 395

Ion	Ratio	Lower	Upper
248	100		
250	112.2	77.1	115.7
141	52.8	39.5	59.3



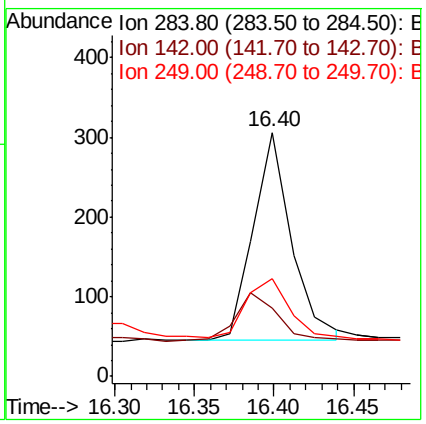


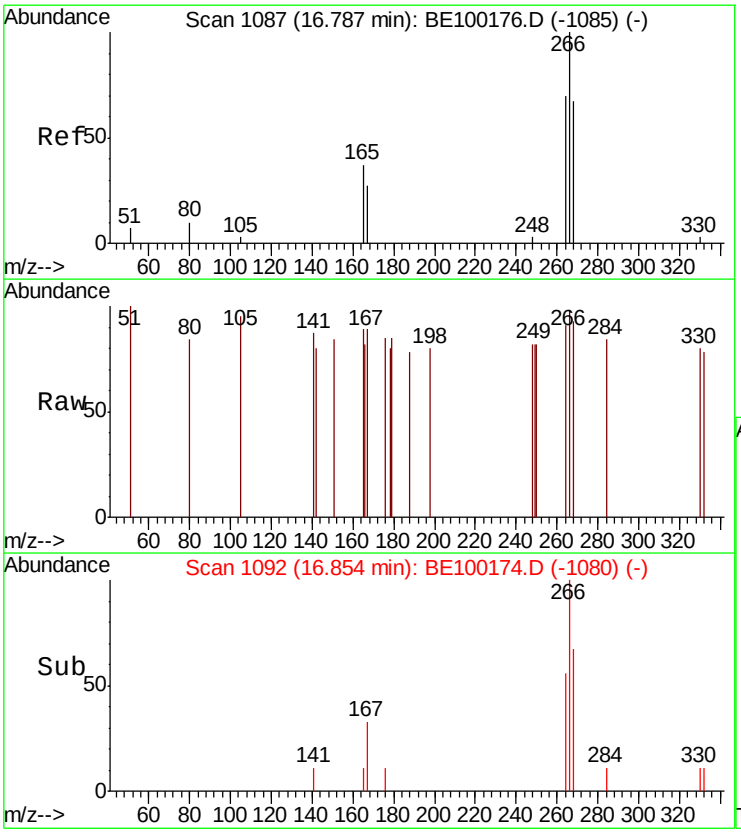
#21
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 436

Ion	Ratio	Lower	Upper
284	100		
142	26.6	20.1	30.1
249	31.0	26.2	39.4

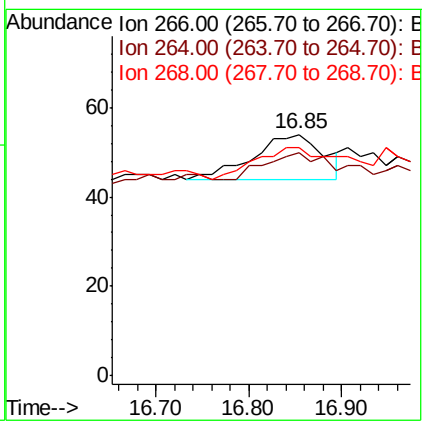


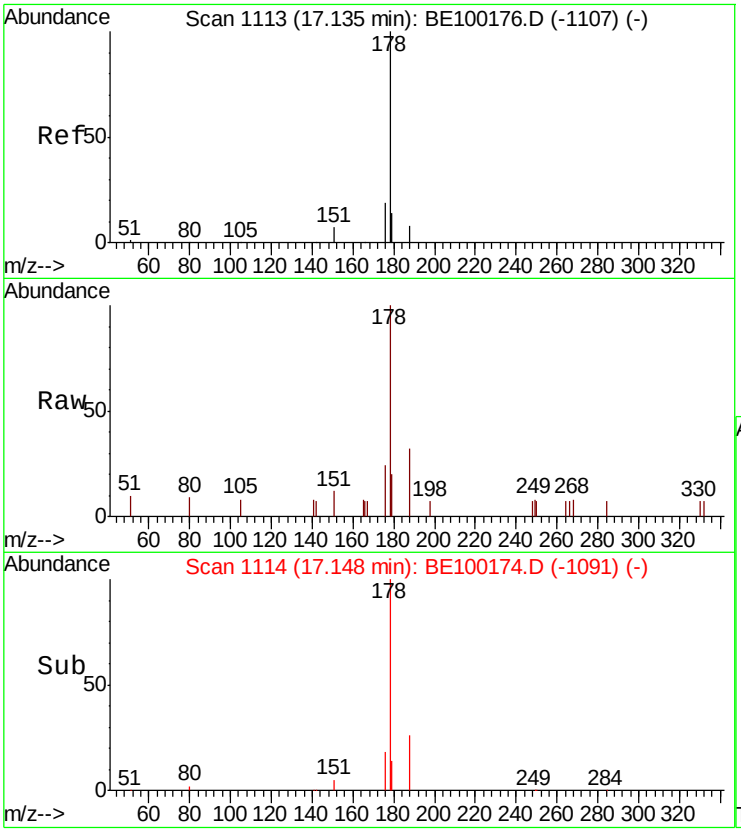


#22
Pentachlorophenol
Concen: 0.081 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.07 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:266 Resp: 52

Ion	Ratio	Lower	Upper
266	100		
264	92.6	67.7	101.5
268	94.4	69.8	104.6



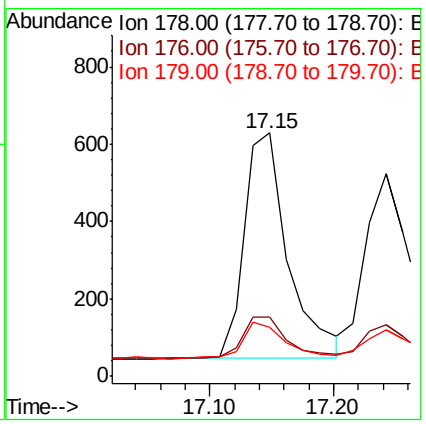


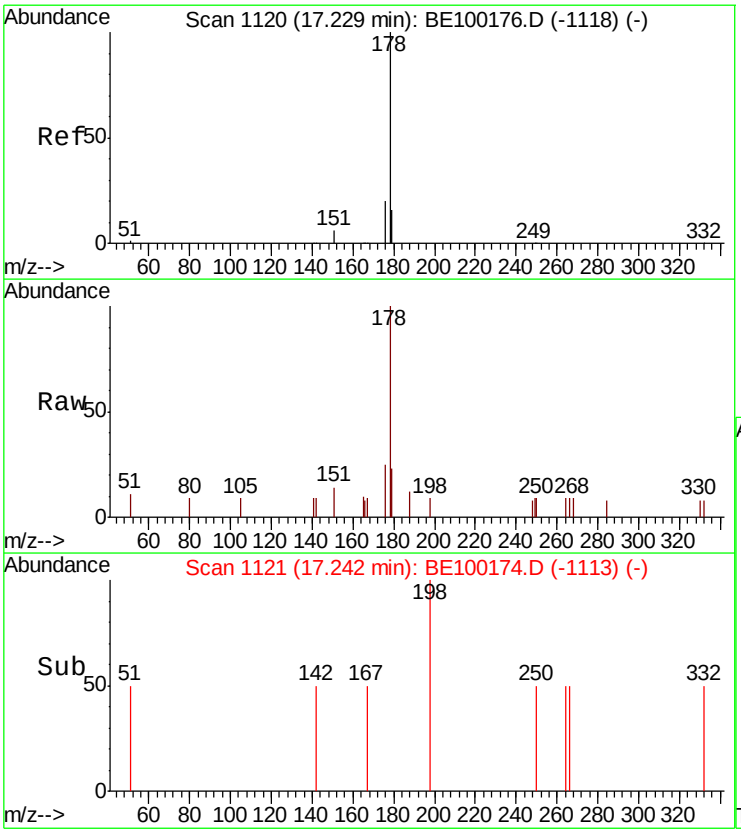
#23
Phenanthrene
Concen: 0.183 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1429

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.5	12.2	18.2

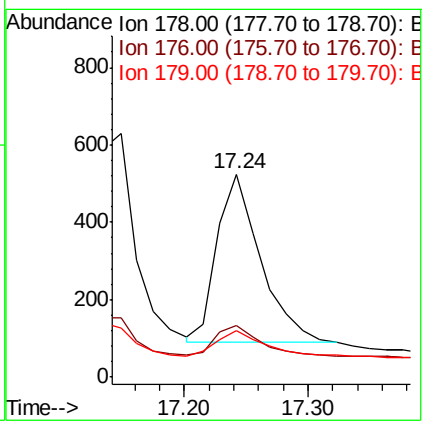


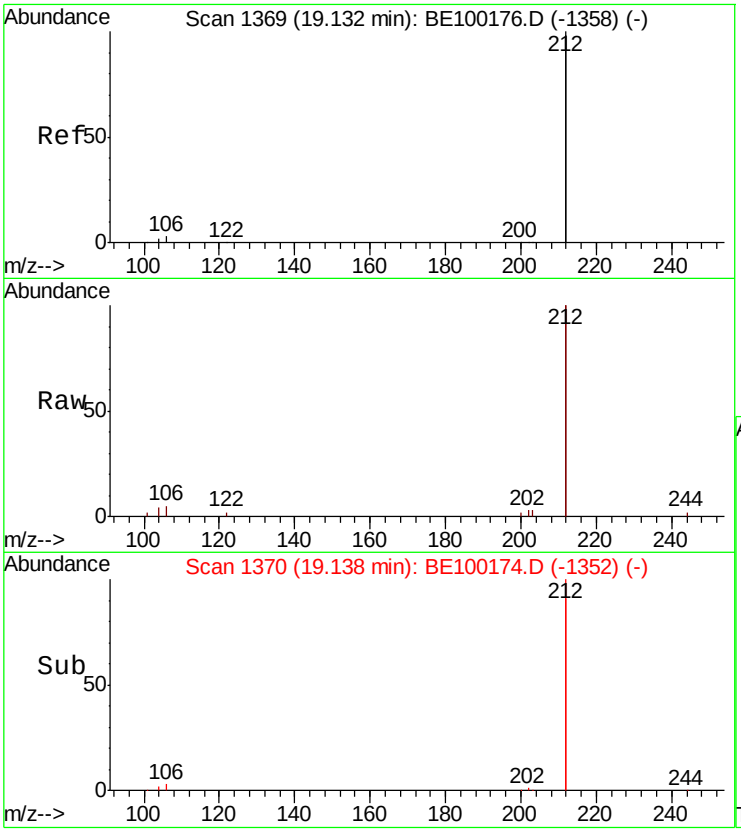


#24
Anthracene
Concen: 0.153 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:178 Resp: 1064

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	16.4	12.9	19.3



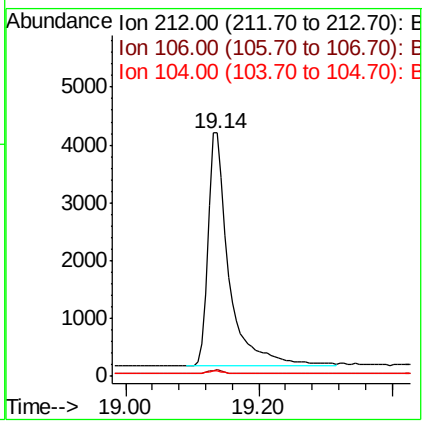


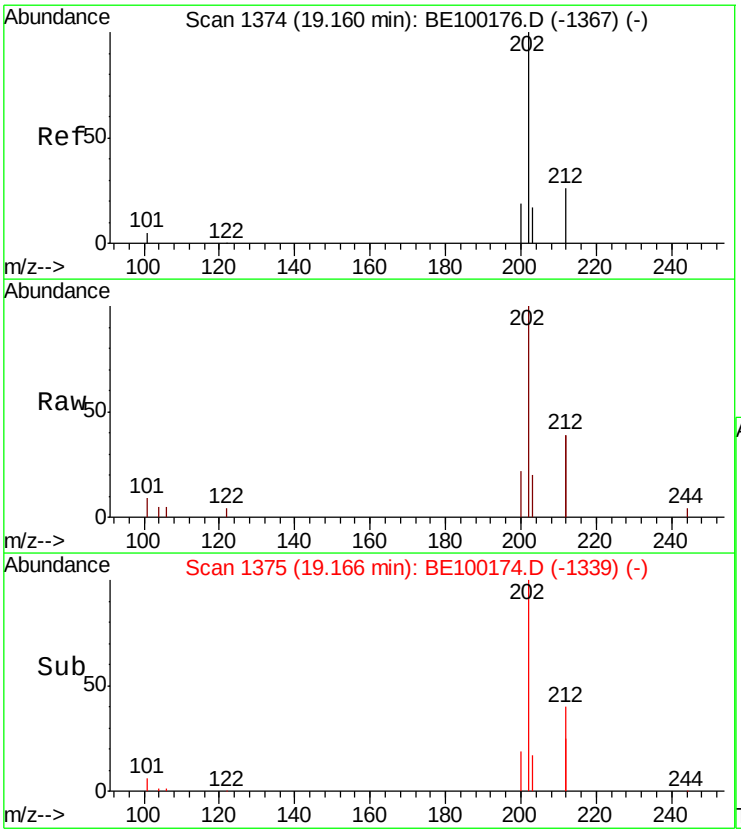
#25
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.14 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 8899

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	0.7	1.1

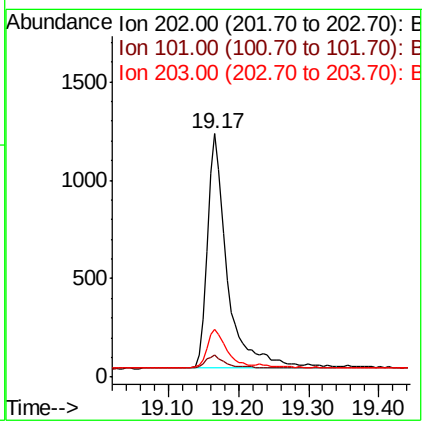


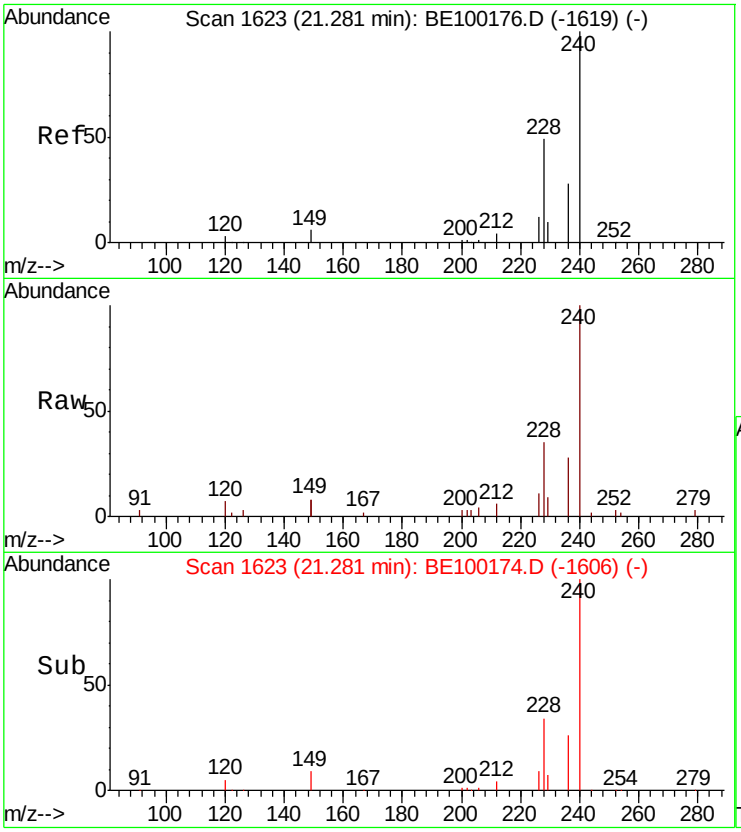


#26
Fluoranthene
Concen: 0.188 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:202 Resp: 2360

Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.5	6.7
203	15.7	13.7	20.5



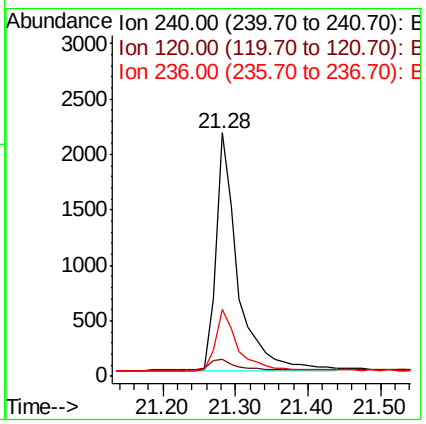


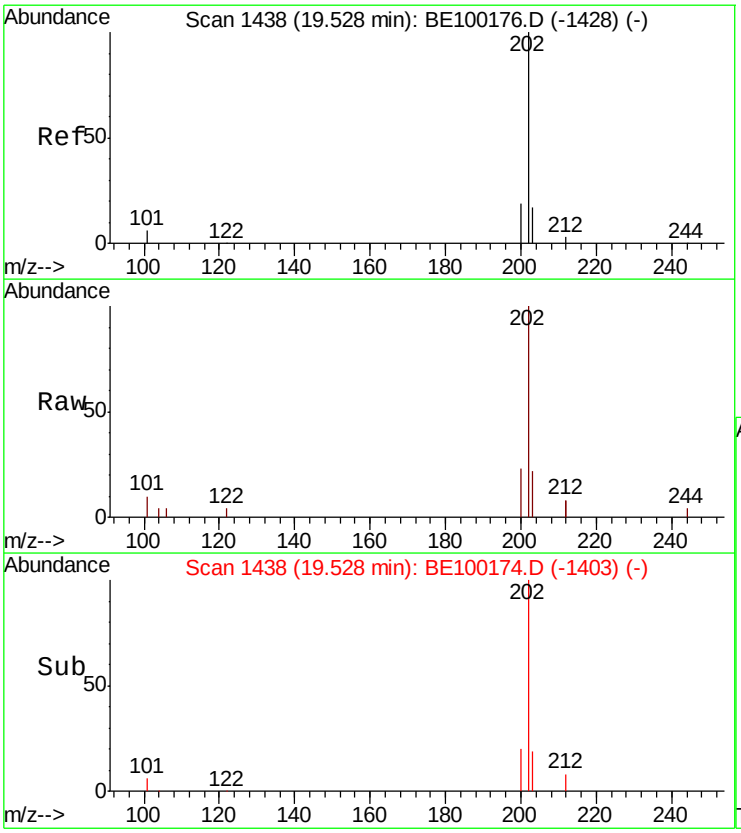
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4564

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.1	6.1#
236	27.7	23.0	34.6

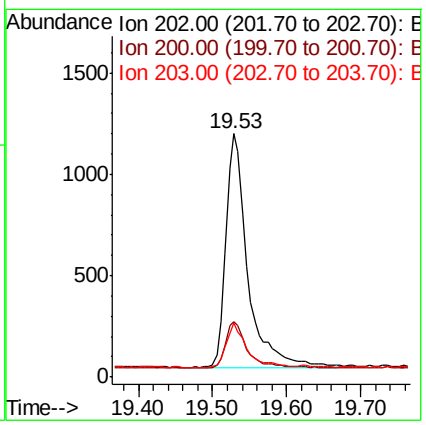


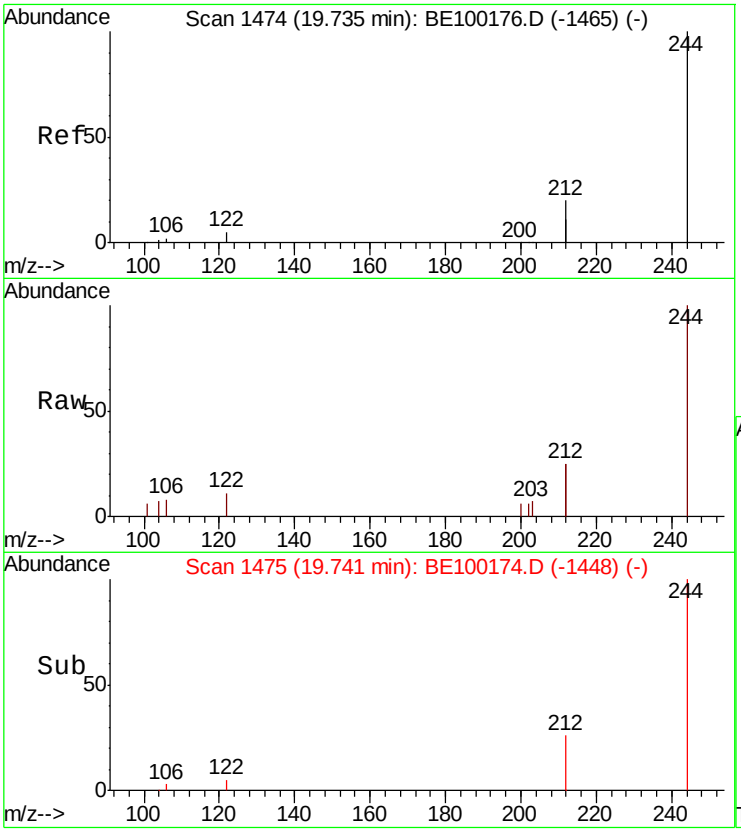


#28
Pyrene
Concen: 0.182 ng
RT: 19.53 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:202 Resp: 2333

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.5	23.3
203	17.7	13.9	20.9



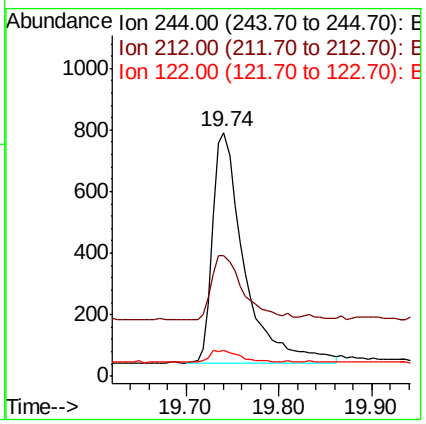


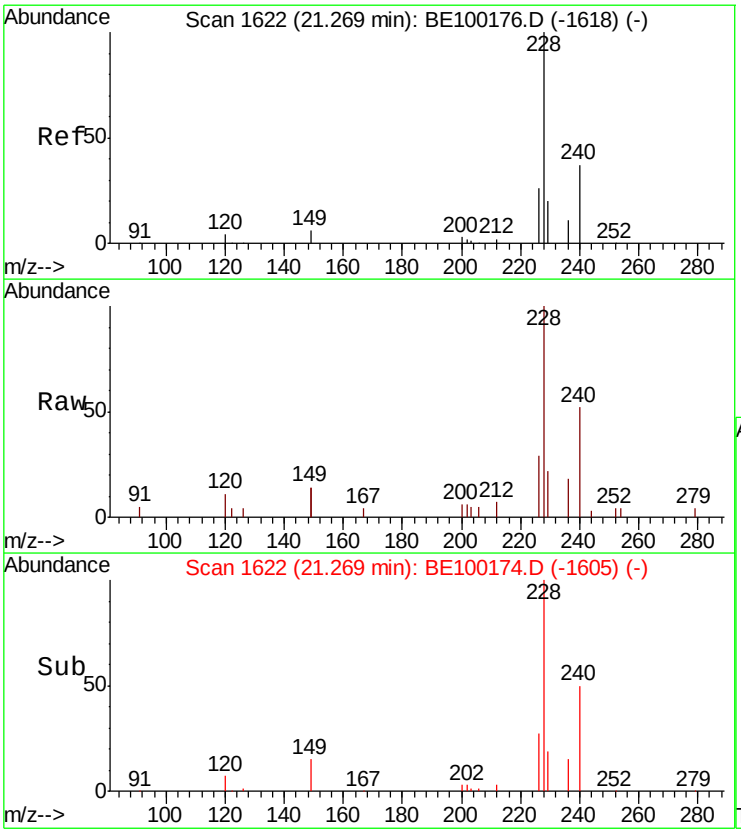
#29
Terphenyl-d14
Concen: 0.182 ng
RT: 19.74 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1773

Ion	Ratio	Lower	Upper
244	100		
212	49.3	30.7	46.1#
122	10.6	5.8	8.6#

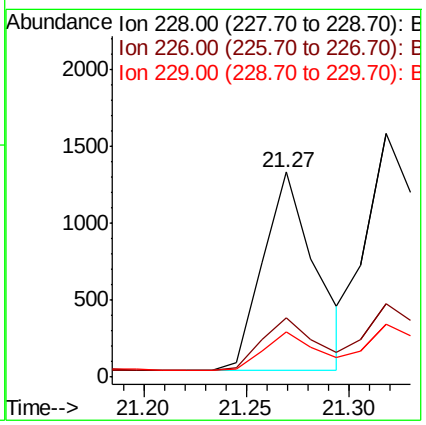


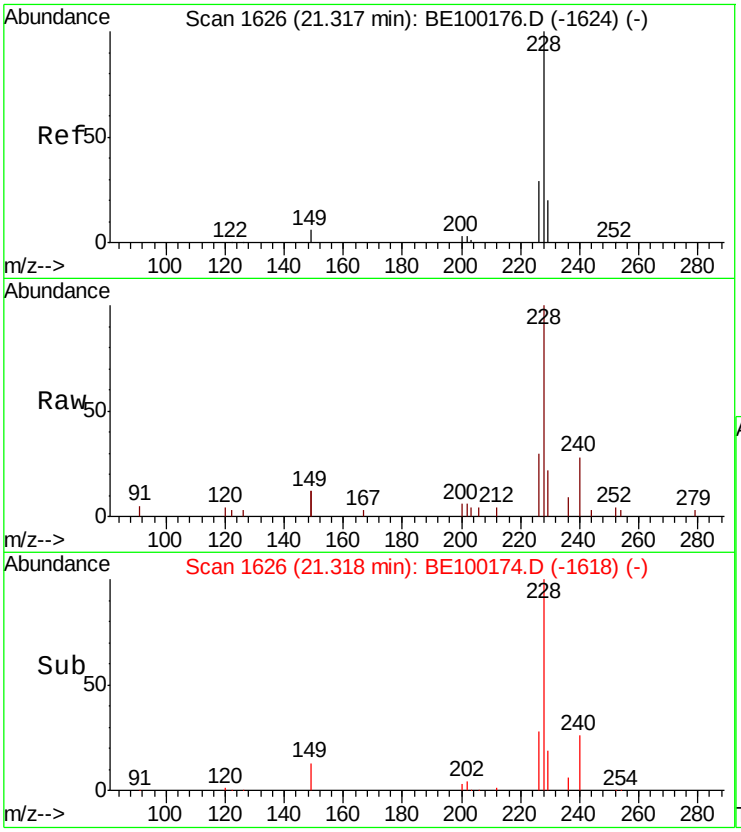


#30
Benzo(a)anthracene
Concen: 0.167 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:228 Resp: 2308

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.5	32.3
229	22.3	17.2	25.8



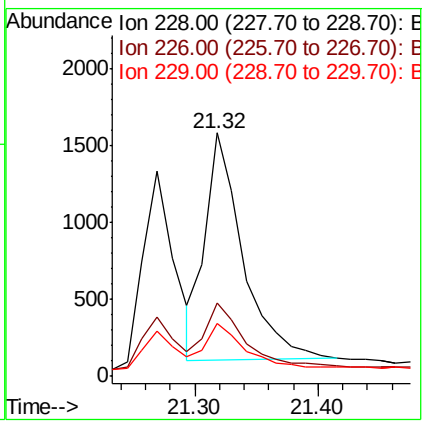


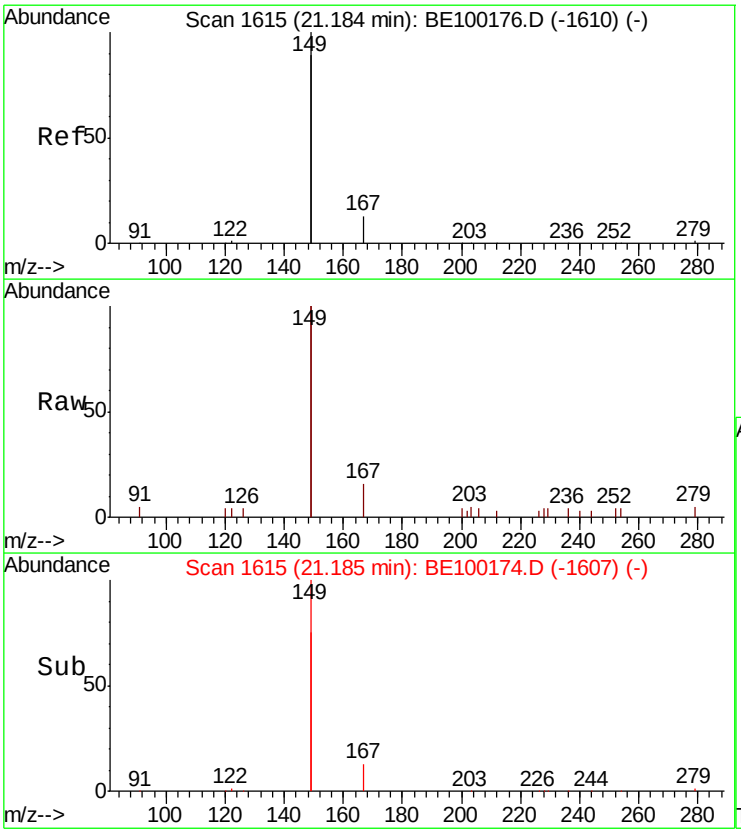
#31
Chrysene
Concen: 0.205 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 3144

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	21.7	16.5	24.7

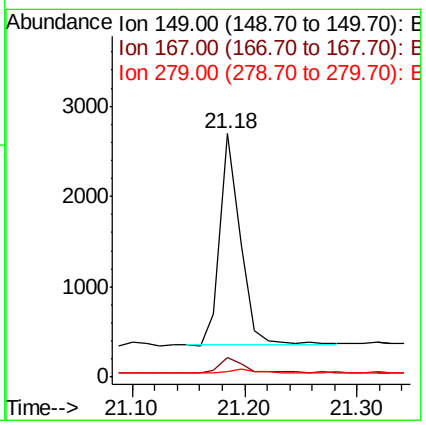


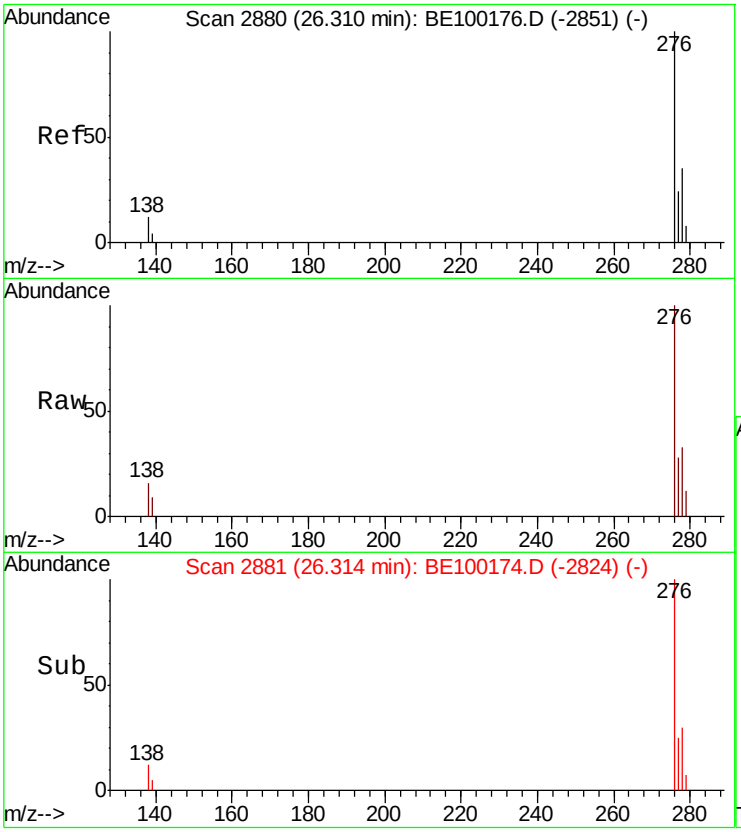


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.18 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:149 Resp: 2970

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	2.1	1.0	1.6#



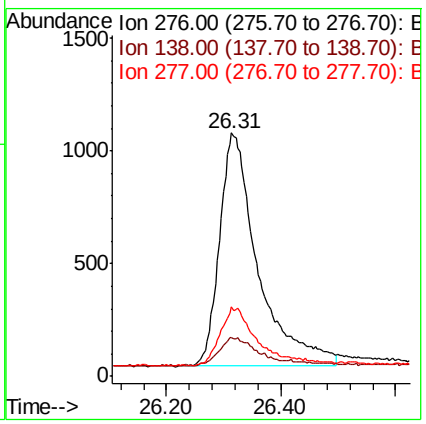


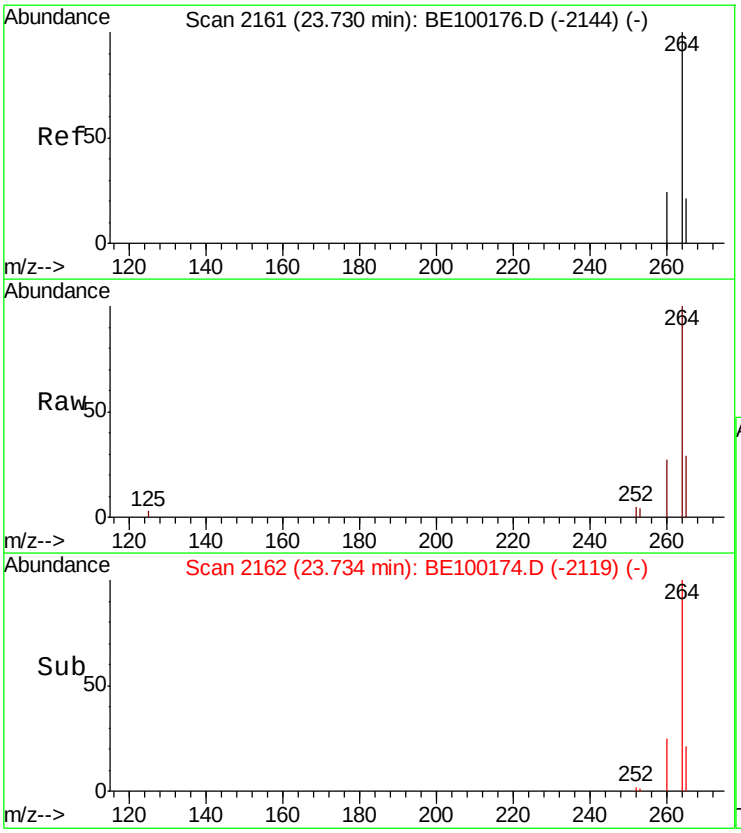
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.275 ng
RT: 26.31 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4833

Ion	Ratio	Lower	Upper
276	100		
138	11.5	3.7	5.5#
277	21.9	18.7	28.1

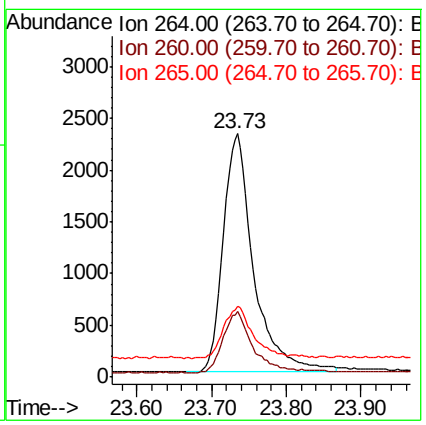


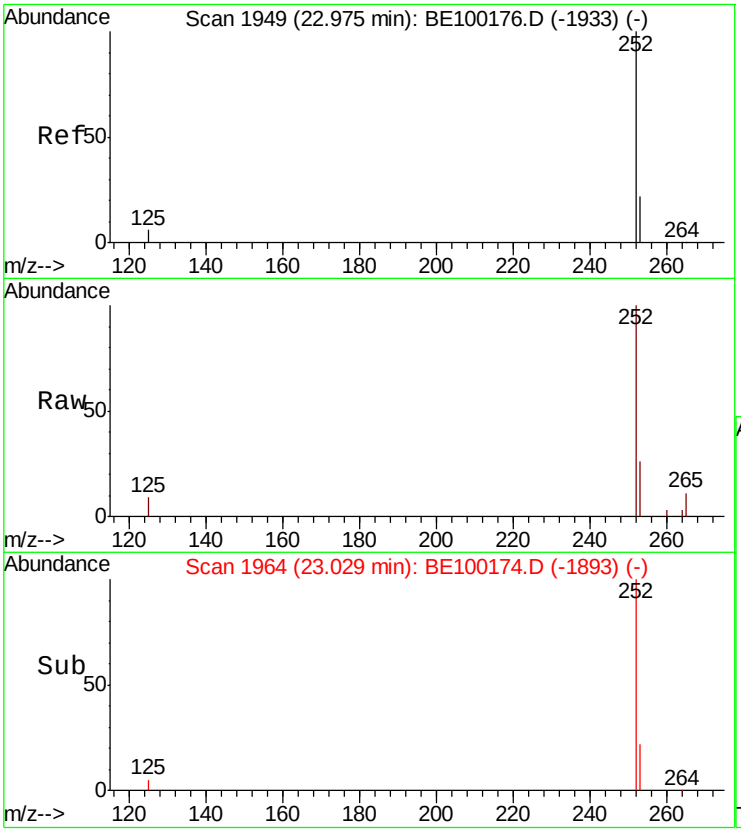


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:264 Resp: 6508

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.4	30.6
265	29.1	22.5	33.7



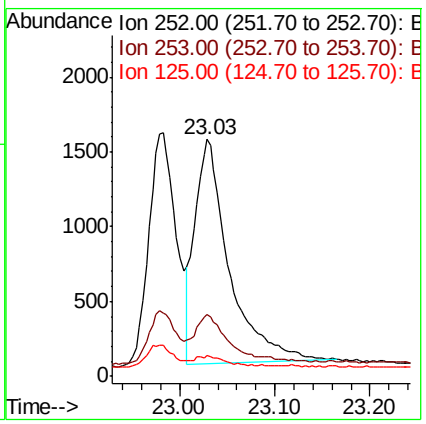


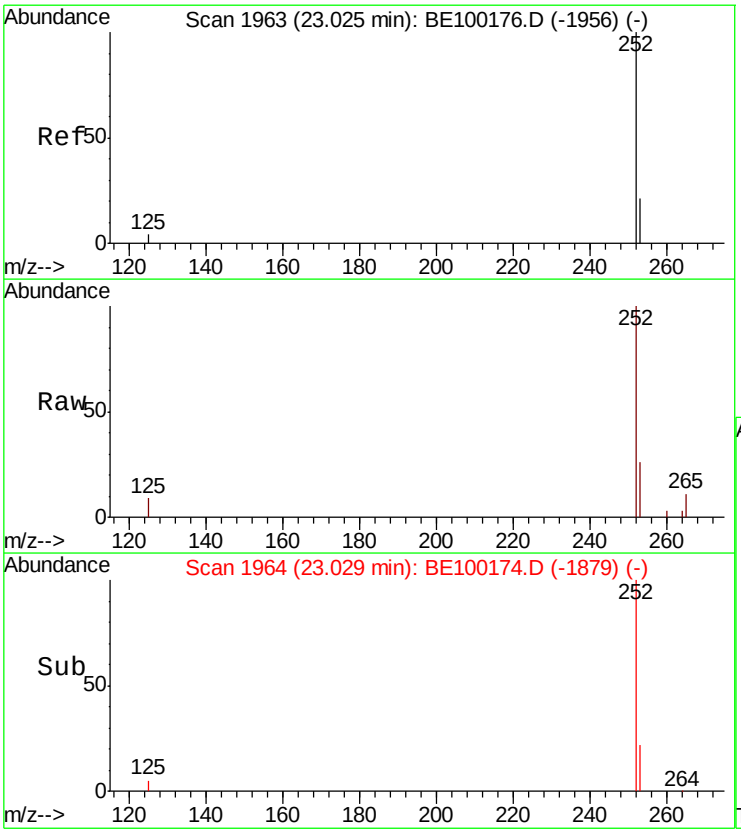
#35
Benzo(b)fluoranthene
Concen: 0.225 ng
RT: 23.03 min Scan# 1964
Delta R.T. 0.05 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3748

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.0	28.4
125	8.7	6.3	9.5

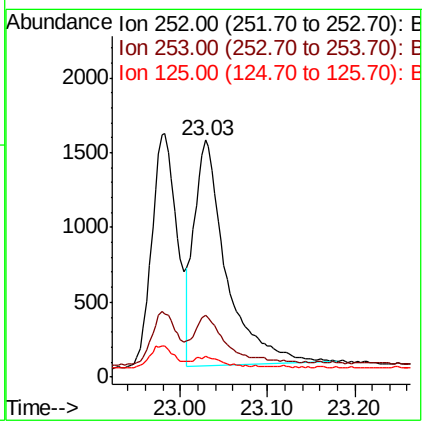


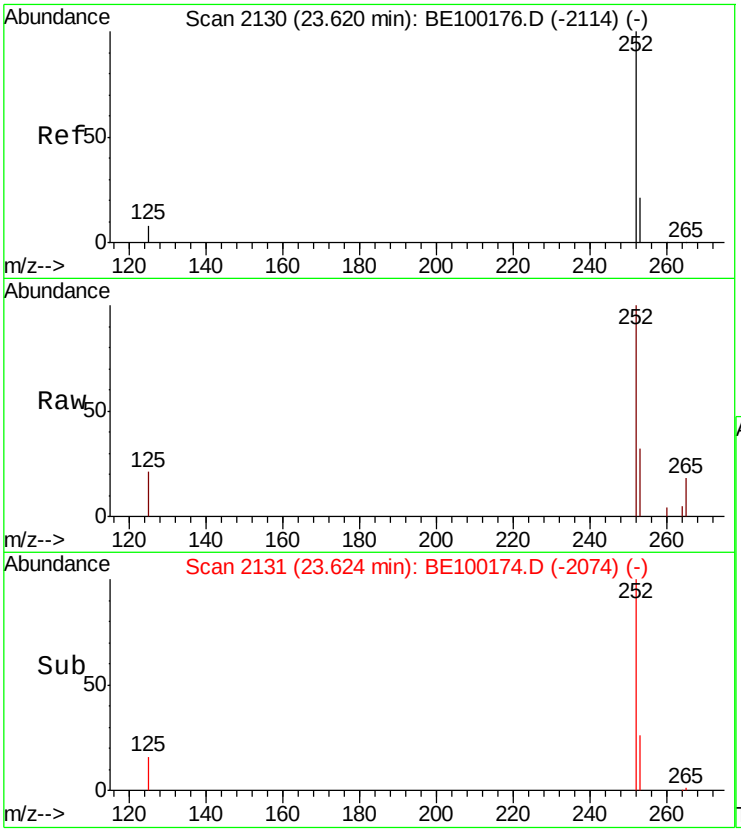


#36
Benzo(k)fluoranthene
Concen: 0.190 ng
RT: 23.03 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:252 Resp: 3836

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.4	27.6
125	8.7	5.0	7.4#



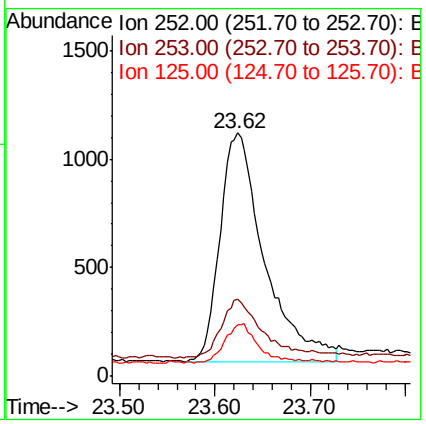


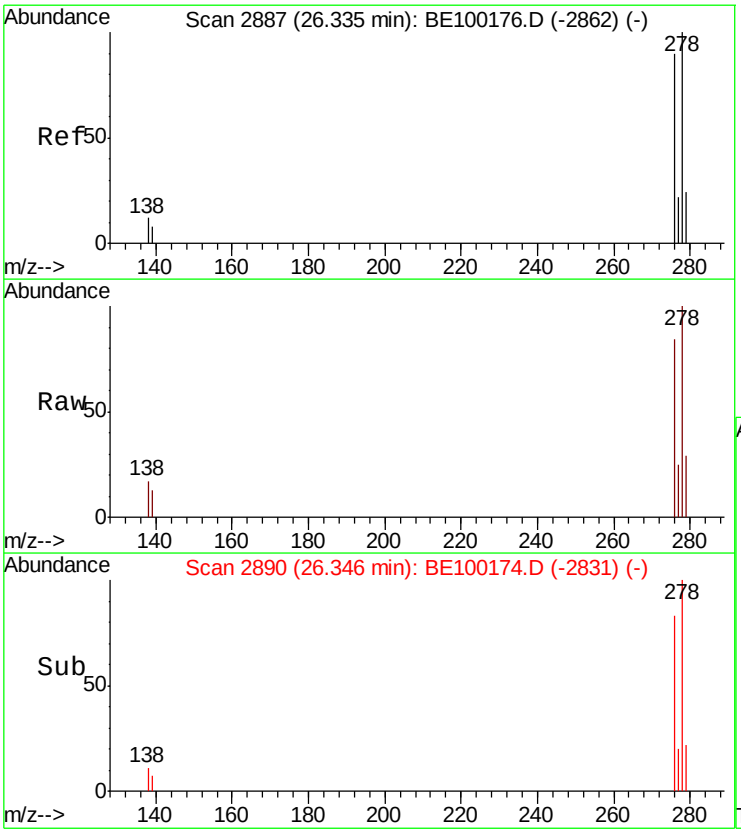
#37
Benzo(a)pyrene
Concen: 0.197 ng
RT: 23.62 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3399

Ion	Ratio	Lower	Upper
252	100		
253	31.8	19.2	28.8#
125	21.1	8.2	12.2#

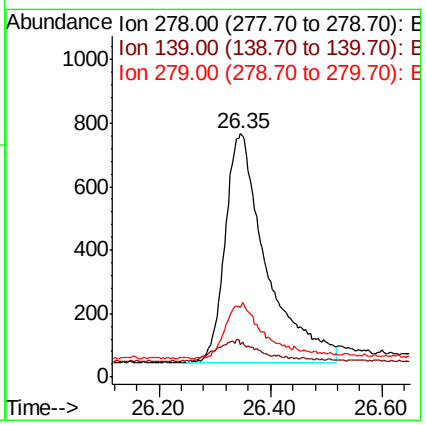


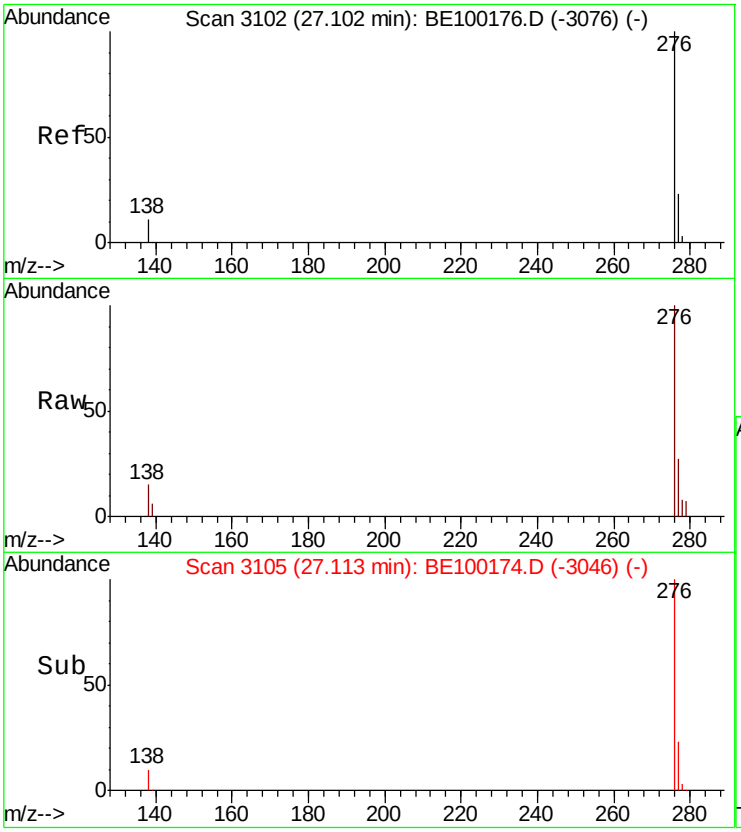


#38
Dibenzo(a,h)anthracene
Concen: 0.214 ng
RT: 26.35 min Scan# 2890
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Tgt Ion:278 Resp: 3723

Ion	Ratio	Lower	Upper
278	100		
139	13.2	9.0	13.4
279	28.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.218 ng
RT: 27.11 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BE100174.D
Acq: 25 Jun 2019 10:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3965

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.8	29.6
138	14.9	10.2	15.4