Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100224.D
Acq On : 28 Jun 2019 2:53
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 05:39:30 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 15:40:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1055	0.40	ng		-0.01
7) Naphthalene-d8	10.45	136	3846	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	2823	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	7968	0.40	ng		-0.03
27) Chrysene-d12	21.26	240	9516	0.40	ng		-0.02
34) Perylene-d12	23.68	264	11154	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	1151	0.49	ng		-0.01
5) Phenol-d6	6.84	99	1522	0.47	ng		-0.03
8) Nitrobenzene-d5	8.82	82	1491	0.39	ng		-0.03
11) 2-Methylnaphthalene-d10	12.05	152	3009	0.42	ng		-0.03
14) 2,4,6-Tribromophenol	15.82	330	765	0.47	ng		-0.03
15) 2-Fluorobiphenyl	12.94	172	4521	0.40	ng		-0.03
25) Fluoranthene-d10	19.10	212	44362	0.39	ng		-0.03
29) Terphenyl-d14	19.70	244	9081	0.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	533	0.323	ng	#	88
3) n-Nitrosodimethylamine	3.47	42	289	0.473	ng	#	24
6) bis(2-Chloroethyl)ether	7.09	93	1097	0.371	ng	#	81
9) Naphthalene	10.50	128	17053	0.406	ng	#	96
10) Hexachlorobutadiene	10.77	225	1674	0.386	ng		100
12) 2-Methylnaphthalene	12.12	142	2877	0.426	ng		96
16) Acenaphthylene	14.04	152	5767	0.419	ng		99
17) Acenaphthene	14.38	154	3142	0.407	ng		97
18) Fluorene	15.37	166	4504	0.404	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	2105	0.426	ng	#	88
21) Hexachlorobenzene	16.37	284	2221	0.409	ng		98
22) Pentachlorophenol	16.73	266	731	0.671	ng		85
23) Phenanthrene	17.11	178	7814	0.414	ng		99
24) Anthracene	17.20	178	7224	0.453	ng		98
26) Fluoranthene	19.13	202	11695	0.381	ng		99
28) Pyrene	19.50	202	11882	0.488	ng		99
30) Benzo(a)anthracene	21.23	228	12929	0.461	ng		97
31) Chrysene	21.29	228	13272	0.403	ng		98
32) Bis(2-ethylhexyl)phthalate	21.16	149	21053	0.653	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	15686	0.335	ng	#	95
35) Benzo(b)fluoranthene	22.93	252	12939	0.431	ng		98
36) Benzo(k)fluoranthene	22.98	252	12933	0.360	ng		98
37) Benzo(a)pyrene	23.57	252	12295	0.396	ng		97
38) Dibenzo(a,h)anthracene	26.26	278	12655	0.381	ng		98
39) Benzo(g,h,i)perylene	27.02	276	13142	0.379	ng		98

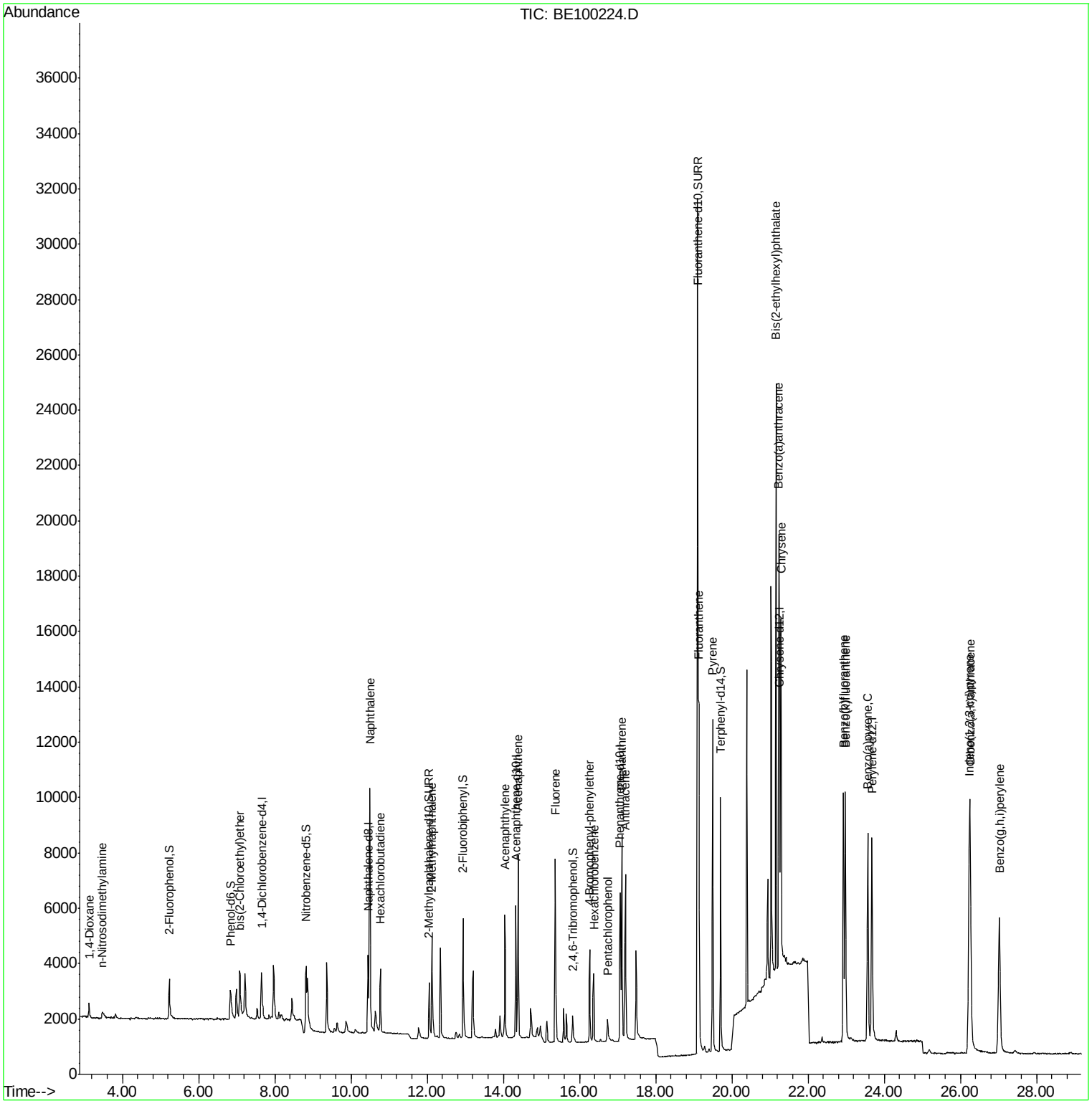
(#) = qualifier out of range (m) = manual integration (+) = signals summed

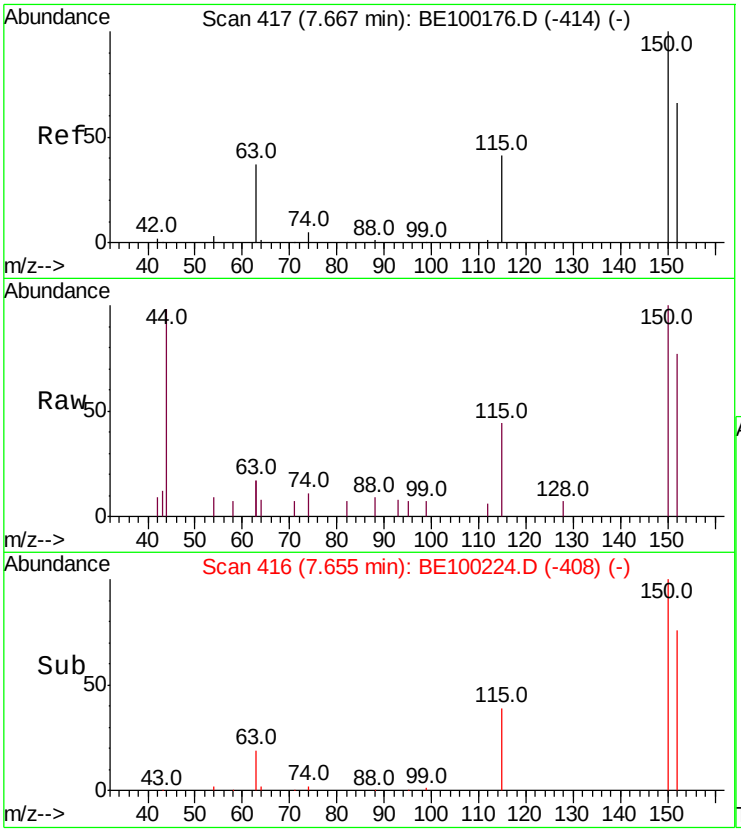
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100224.D
Acq On : 28 Jun 2019 2:53
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 05:39:30 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 15:40:27 2019
Response via : Initial Calibration



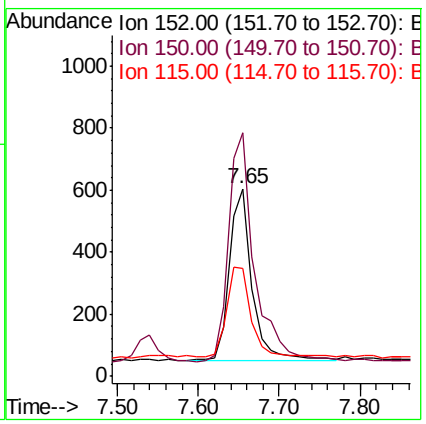


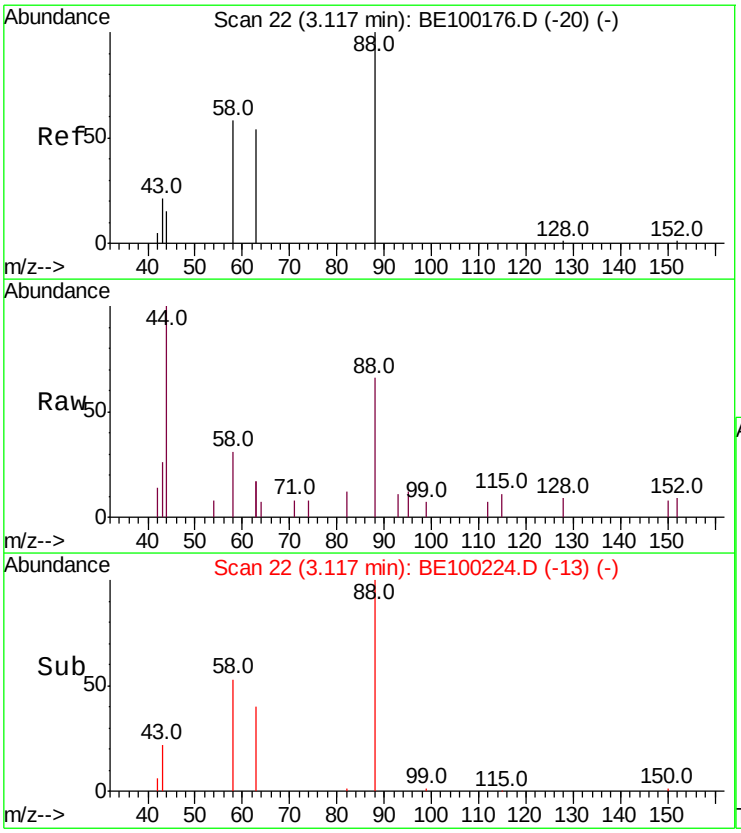
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1055

Ion	Ratio	Lower	Upper
152	100		
150	130.0	113.4	170.2
115	57.5	55.8	83.6

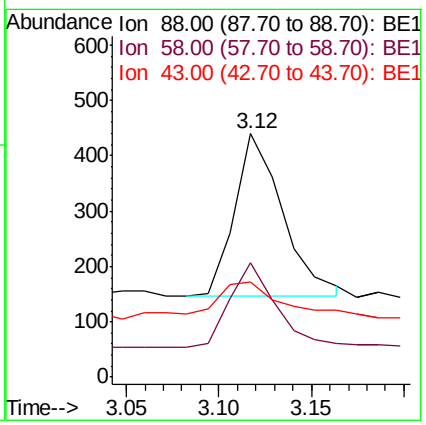


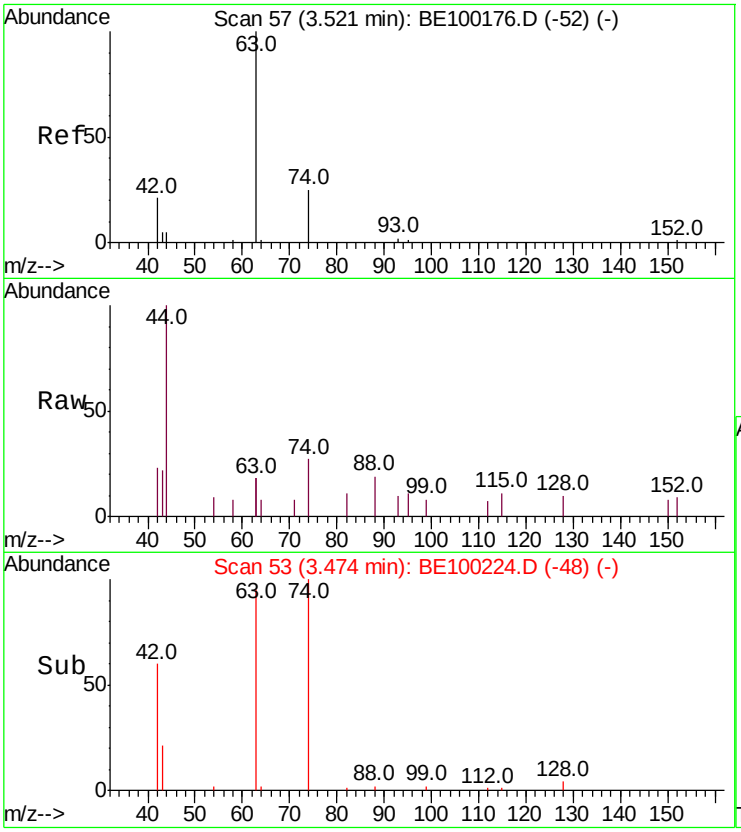


#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion: 88 Resp: 533

Ion	Ratio	Lower	Upper
88	100		
58	49.9	43.8	65.6
43	36.0	19.4	29.2#



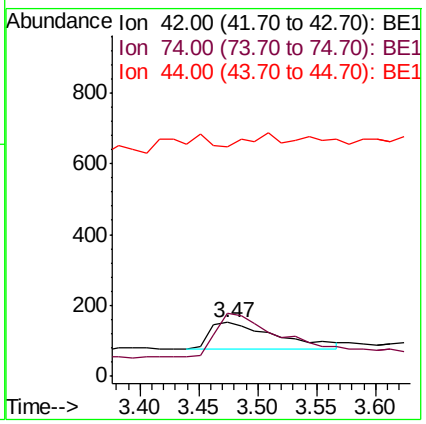


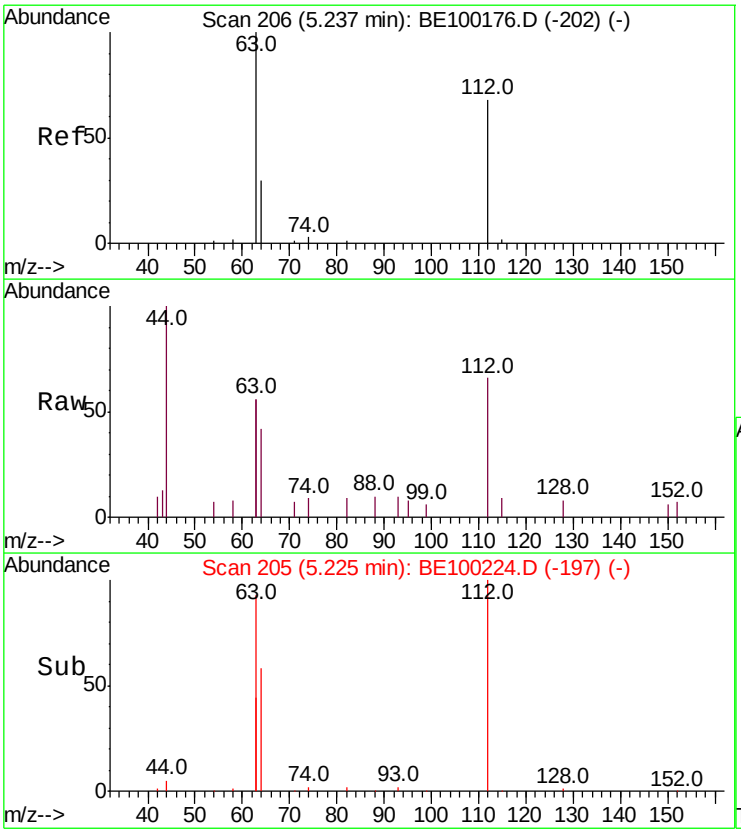
#3
n-Nitrosodimethylamine
Concen: 0.473 ng
RT: 3.47 min Scan# 53
Delta R.T. -0.05 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 289

Ion	Ratio	Lower	Upper
42	100		
74	153.3	193.2	289.8#
44	0.0	114.5	171.7#

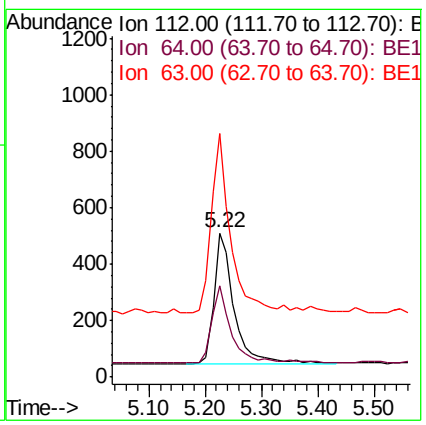


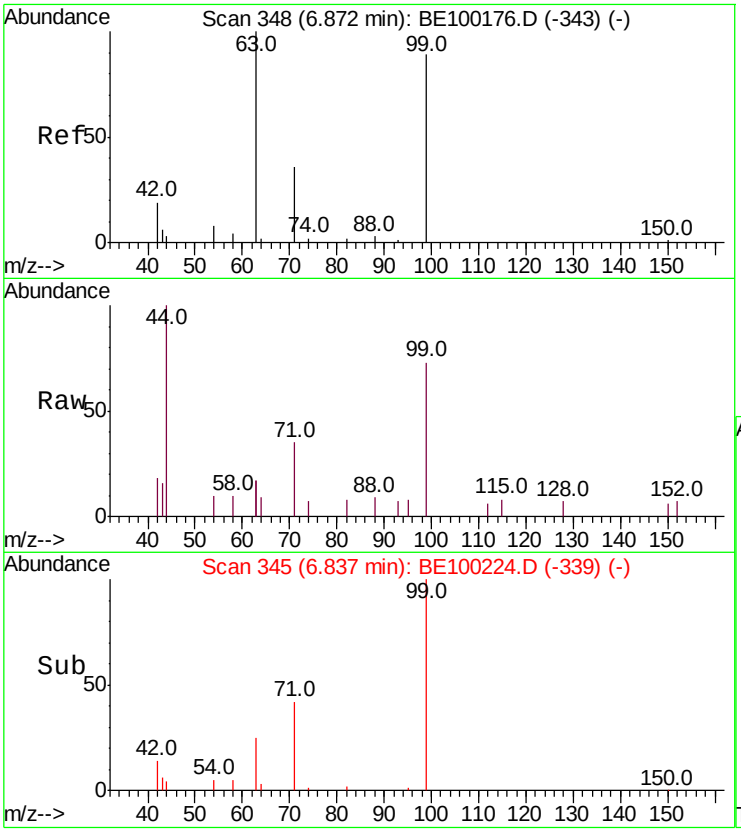


#4
2-Fluorophenol
Concen: 0.491 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:112 Resp: 1151

Ion	Ratio	Lower	Upper
112	100		
64	54.0	40.7	61.1
63	124.5	93.2	139.8



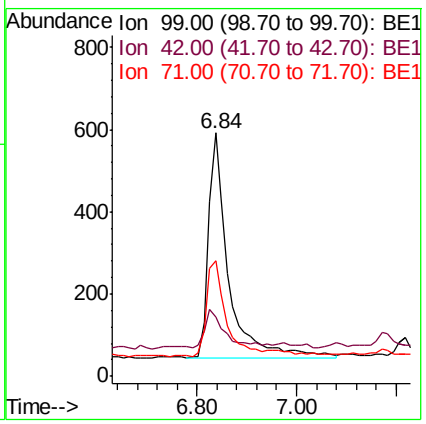


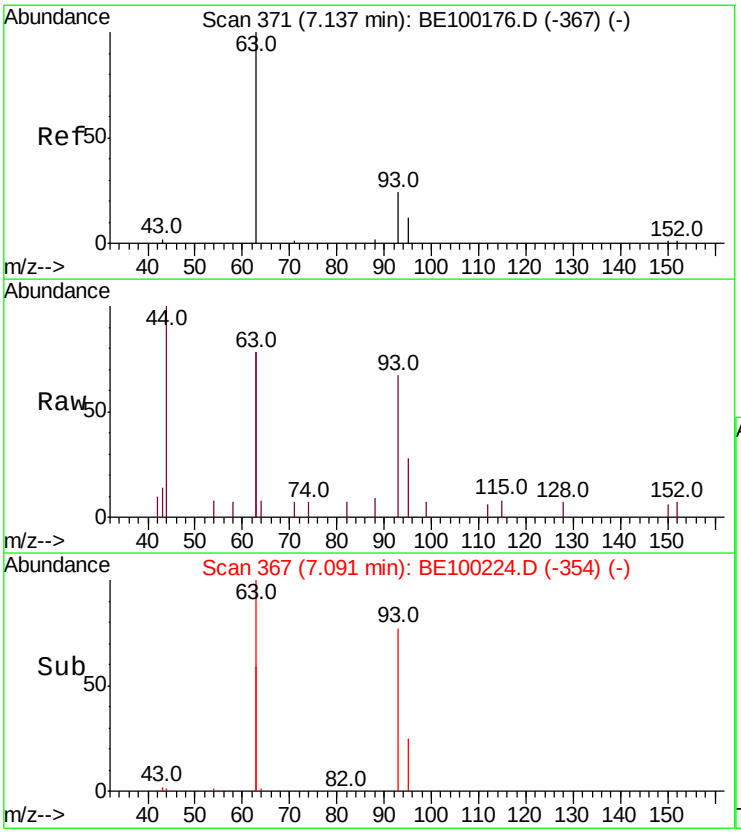
#5
Phenol-d6
Concen: 0.472 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1522

Ion	Ratio	Lower	Upper
99	100		
42	17.1	10.4	15.6#
71	40.3	32.4	48.6

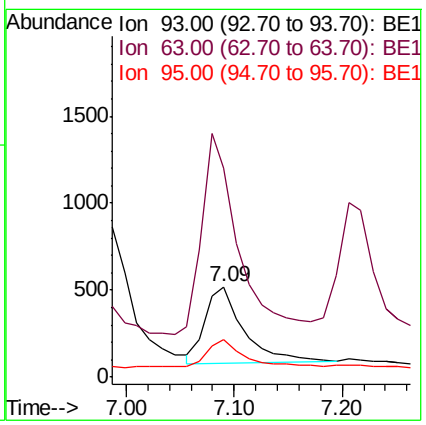


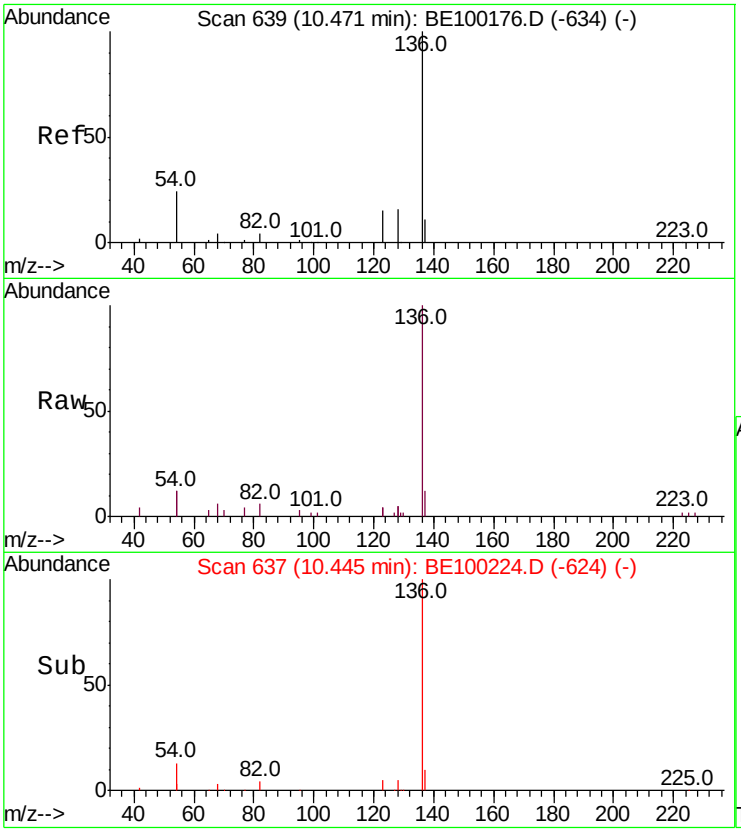


#6
bis(2-Chloroethyl)ether
Concen: 0.371 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.05 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion: 93 Resp: 1097

Ion	Ratio	Lower	Upper
93	100		
63	249.7	0.0	0.0#
95	35.8	21.0	31.6#



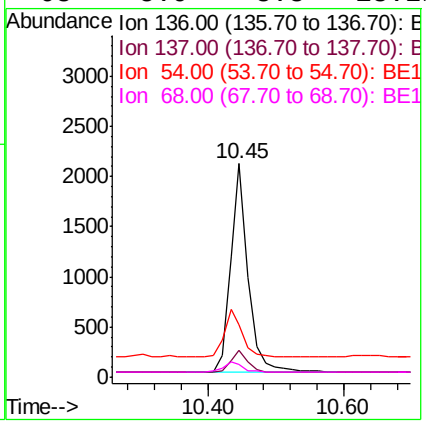


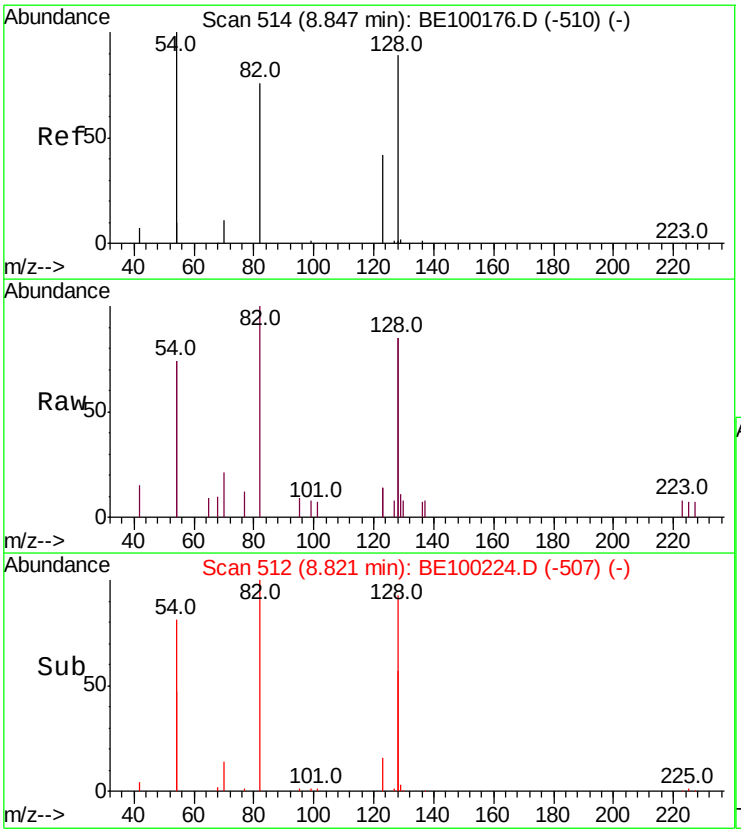
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3846

Ion	Ratio	Lower	Upper
136	100		
137	12.4	13.8	20.8#
54	24.7	35.4	53.2#
68	5.9	8.8	13.2#

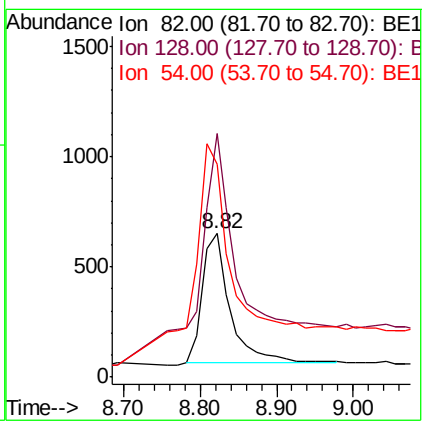


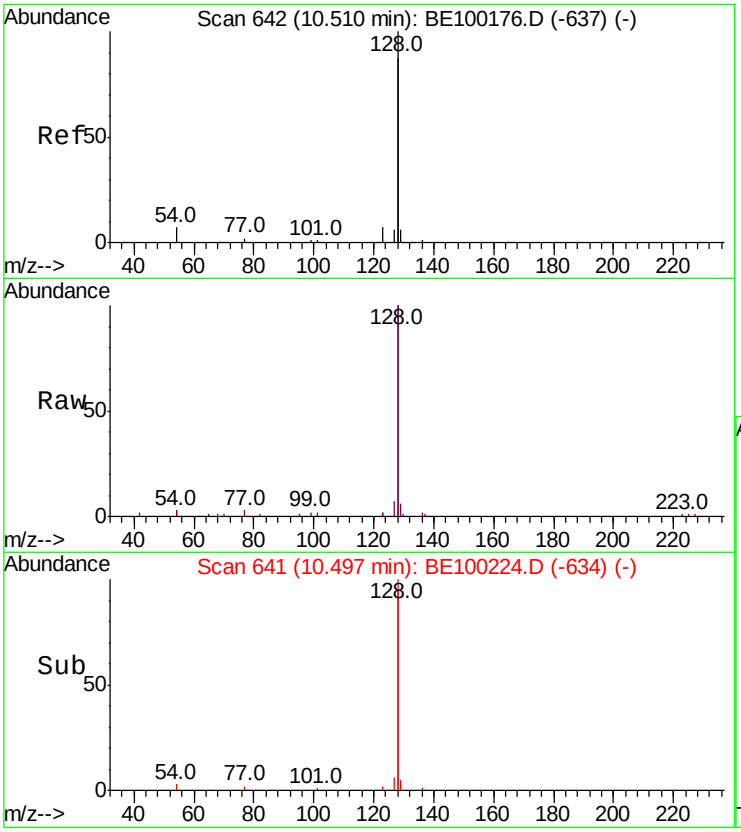


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion: 82 Resp: 1491

Ion	Ratio	Lower	Upper
82	100		
128	169.8	144.6	217.0
54	148.3	163.0	244.6#



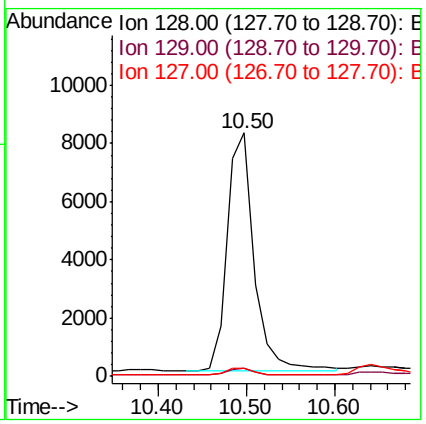


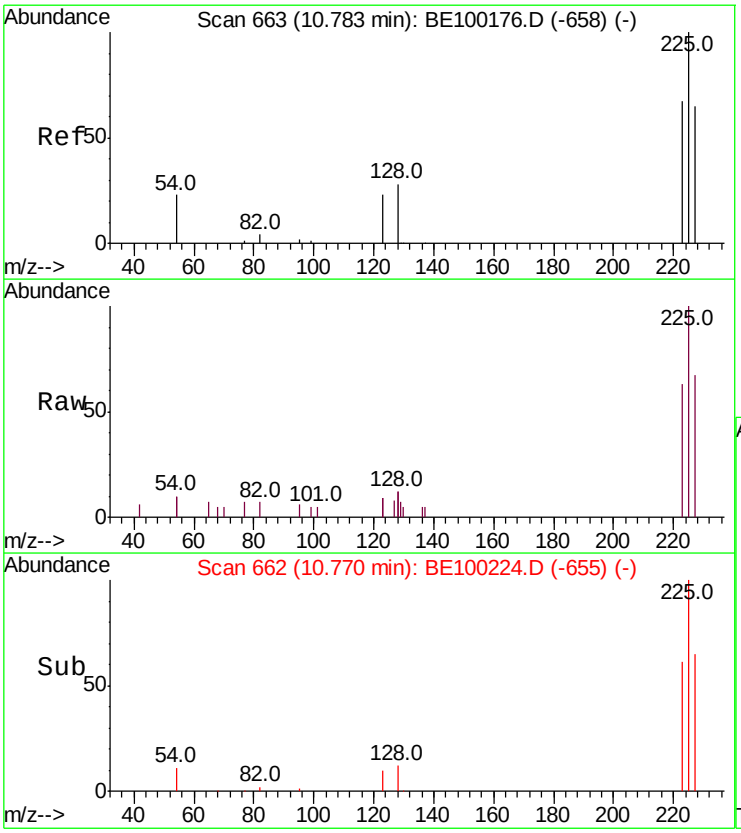
#9
Naphthalene
Concen: 0.406 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17053

Ion	Ratio	Lower	Upper
128	100		
129	3.2	3.6	5.4#
127	3.6	3.8	5.8#

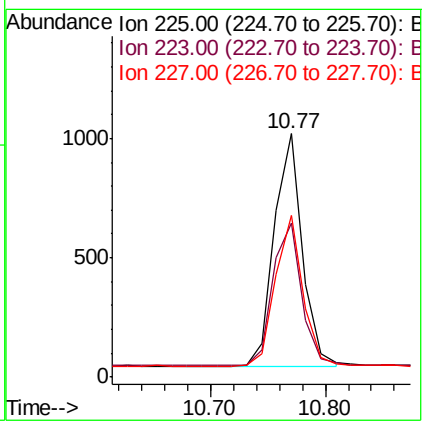


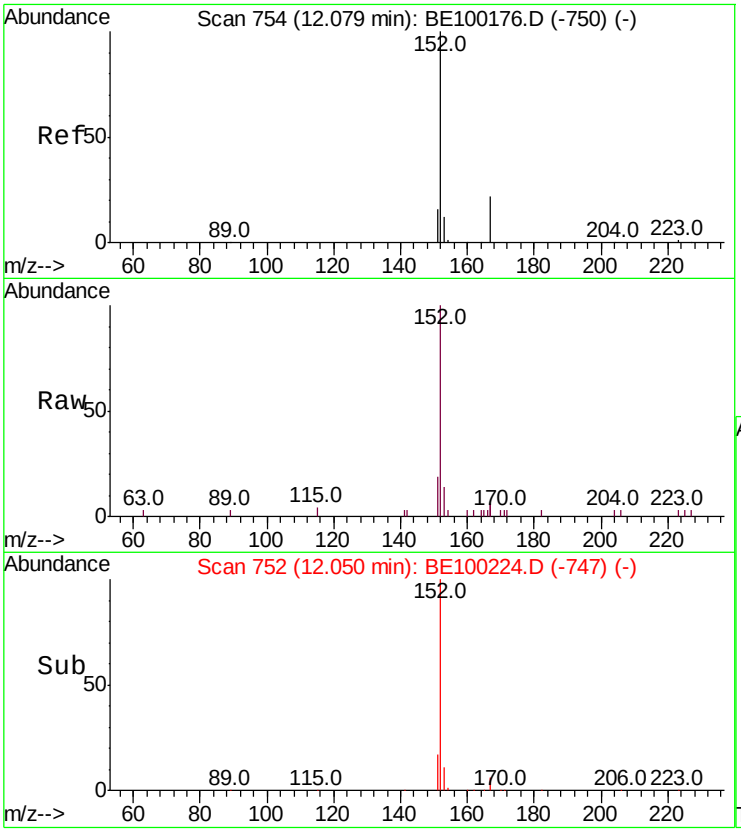


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.77 min Scan# 662
Delta R.T. -0.01 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:225 Resp: 1674

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.4	50.9	76.3



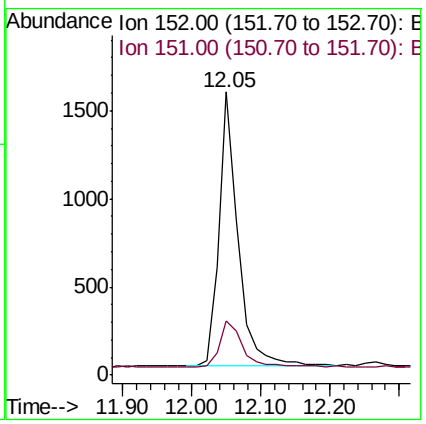


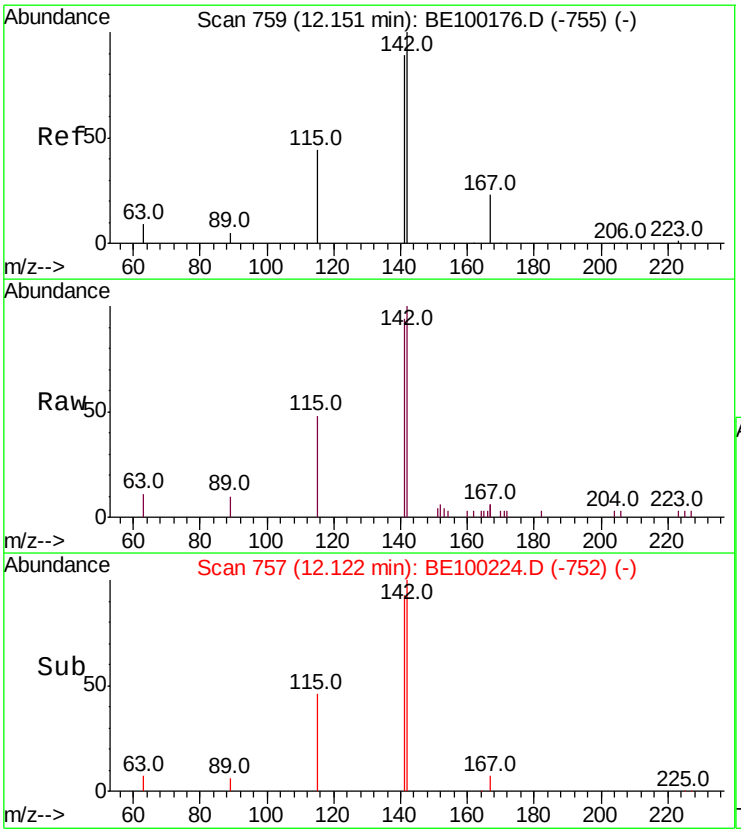
#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3009

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5

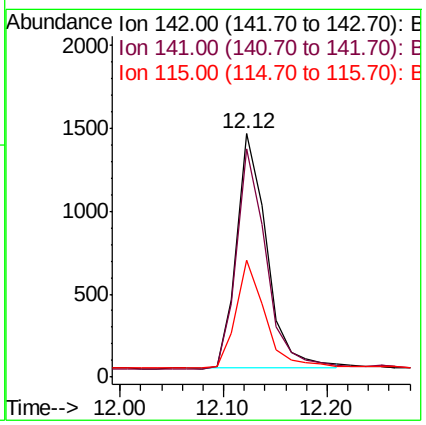


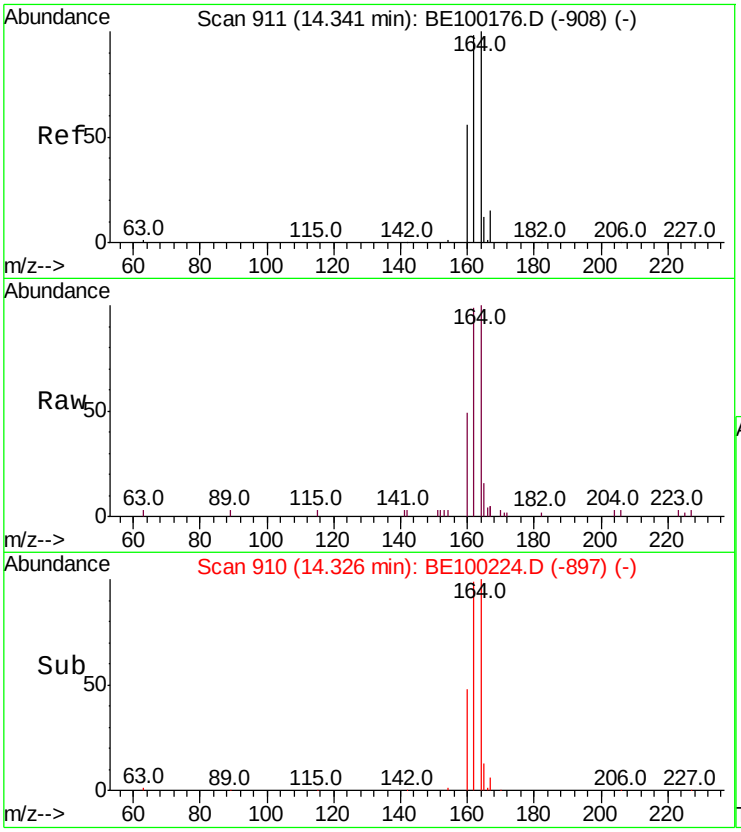


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:142 Resp: 2877

Ion	Ratio	Lower	Upper
142	100		
141	93.7	71.8	107.8
115	48.2	40.4	60.6



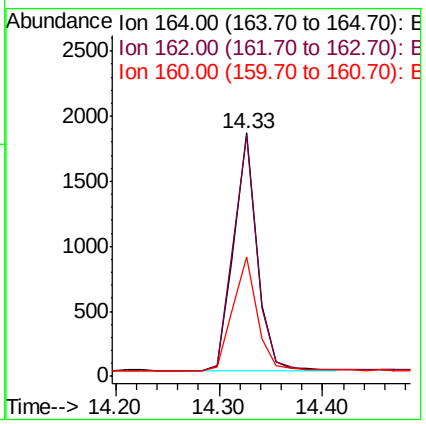


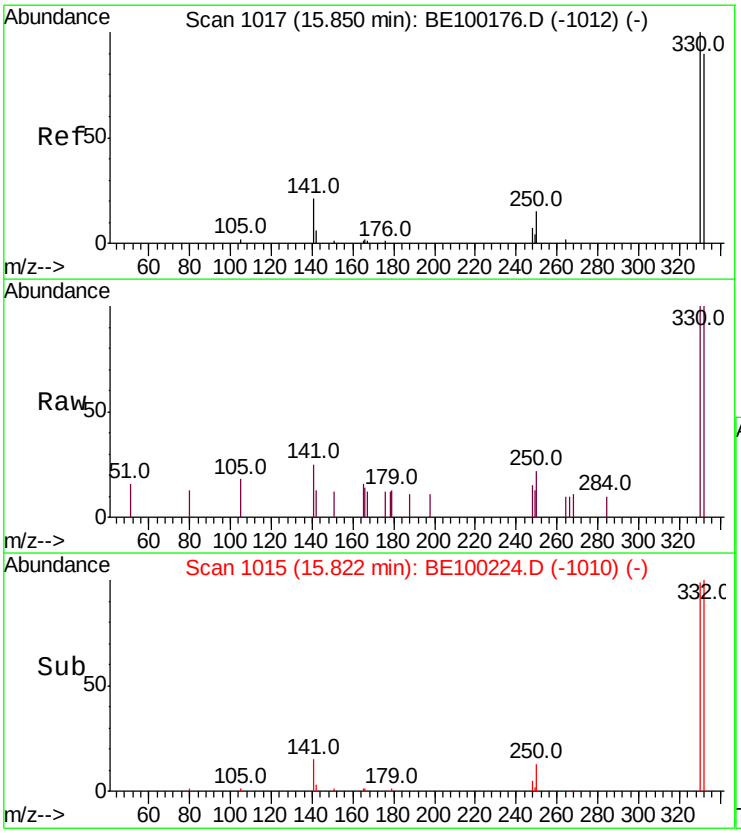
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2823

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.6	118.0
160	48.9	46.9	70.3

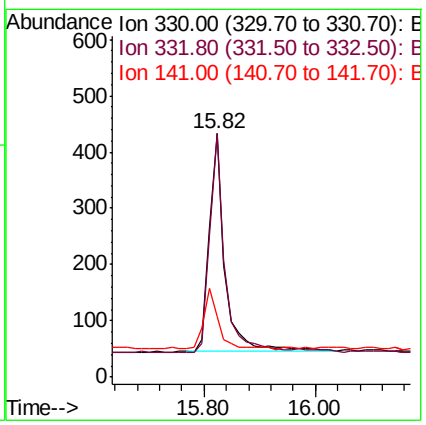


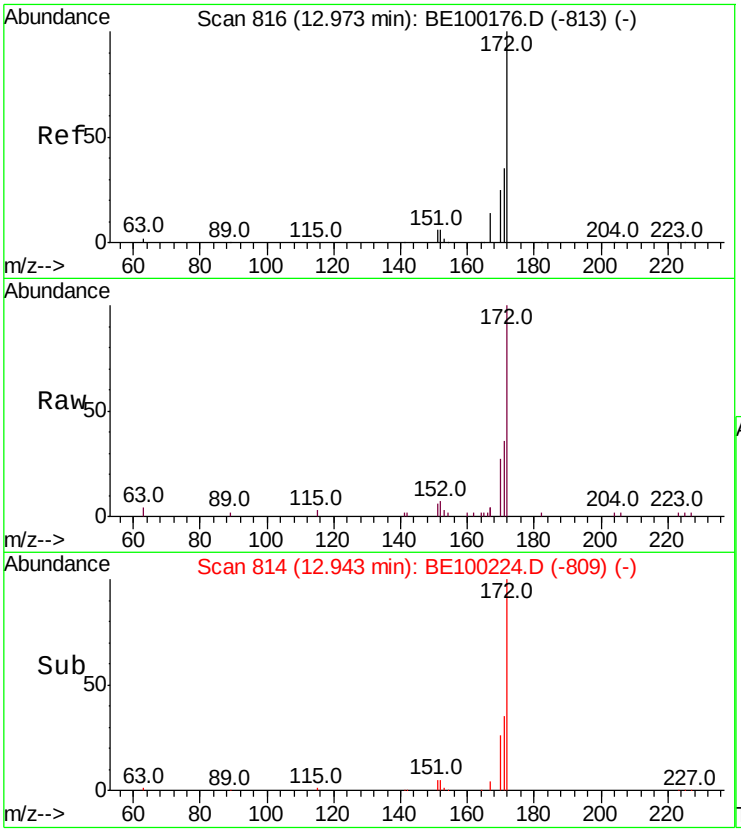


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:330 Resp: 765

Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.7	116.5
141	27.5	18.9	28.3



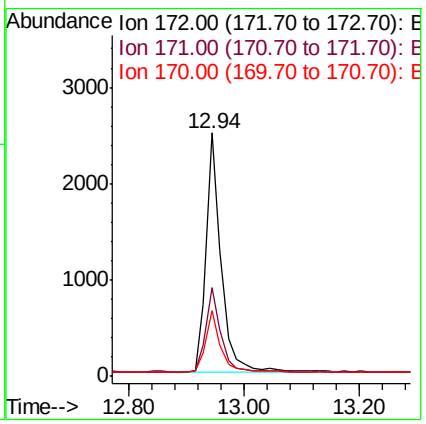


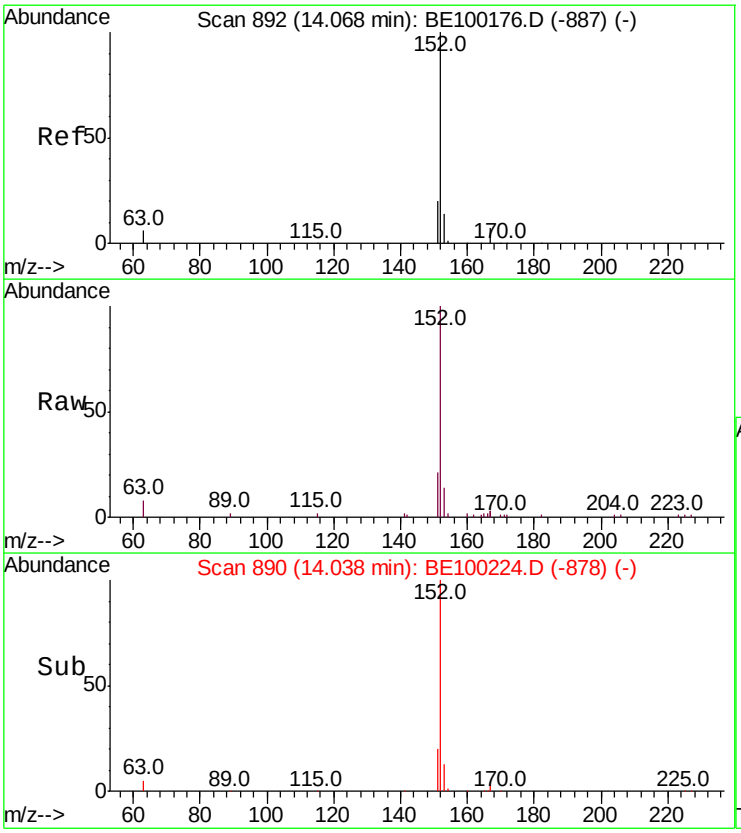
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4521

Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.0	46.4
170	27.1	23.9	35.9

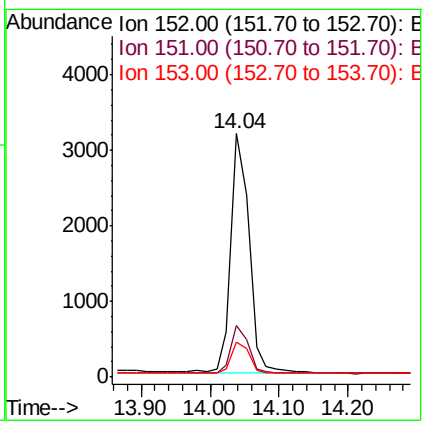


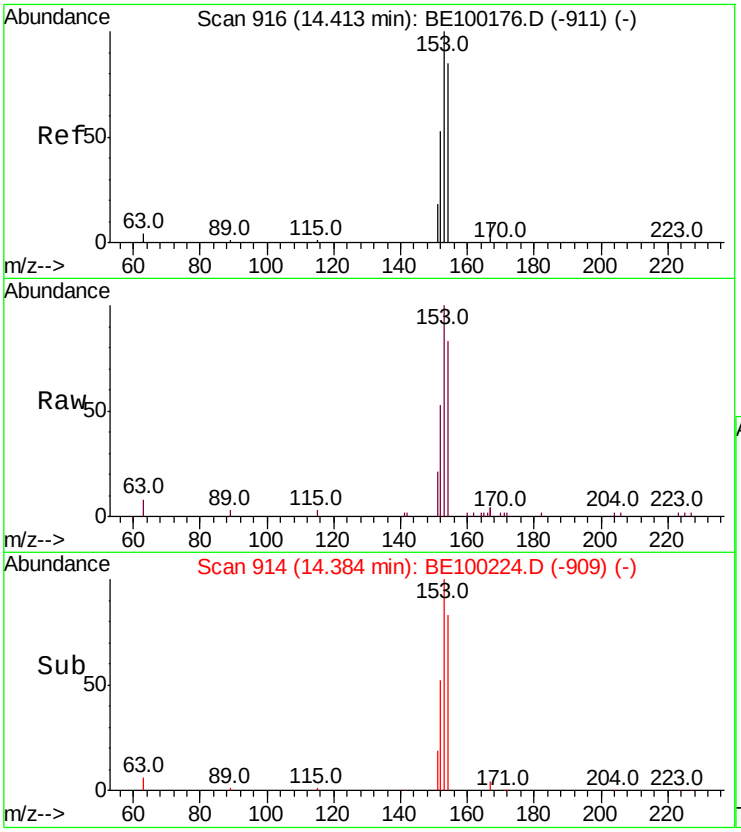


#16
Acenaphthylene
Concen: 0.419 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:152 Resp: 5767

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0
153	13.1	10.8	16.2



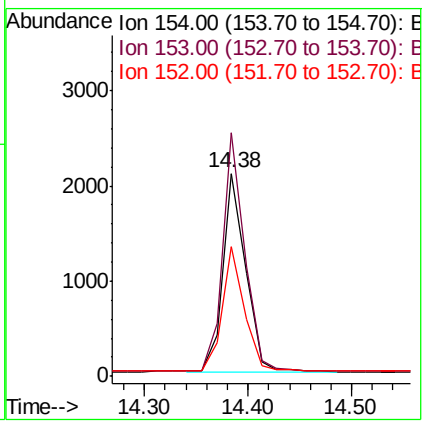


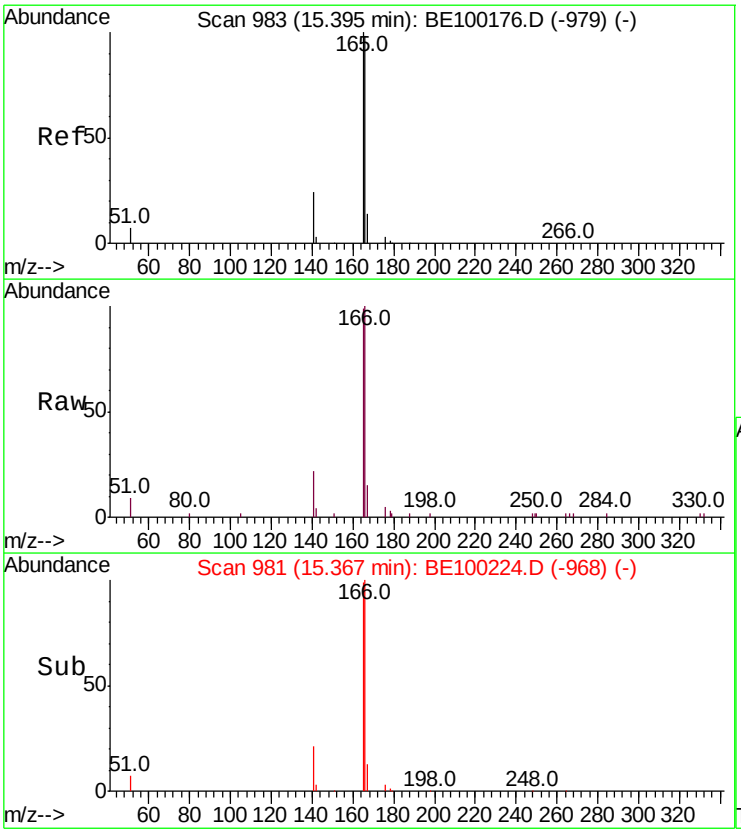
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3142

Ion	Ratio	Lower	Upper
154	100		
153	118.5	95.3	142.9
152	60.9	52.9	79.3

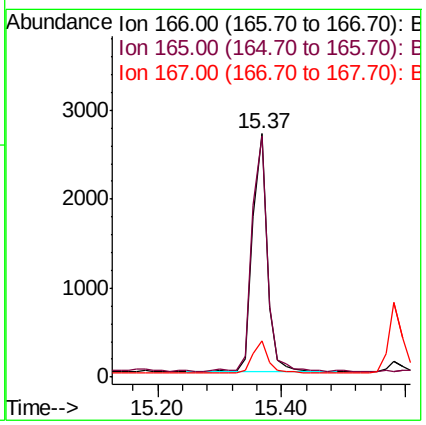


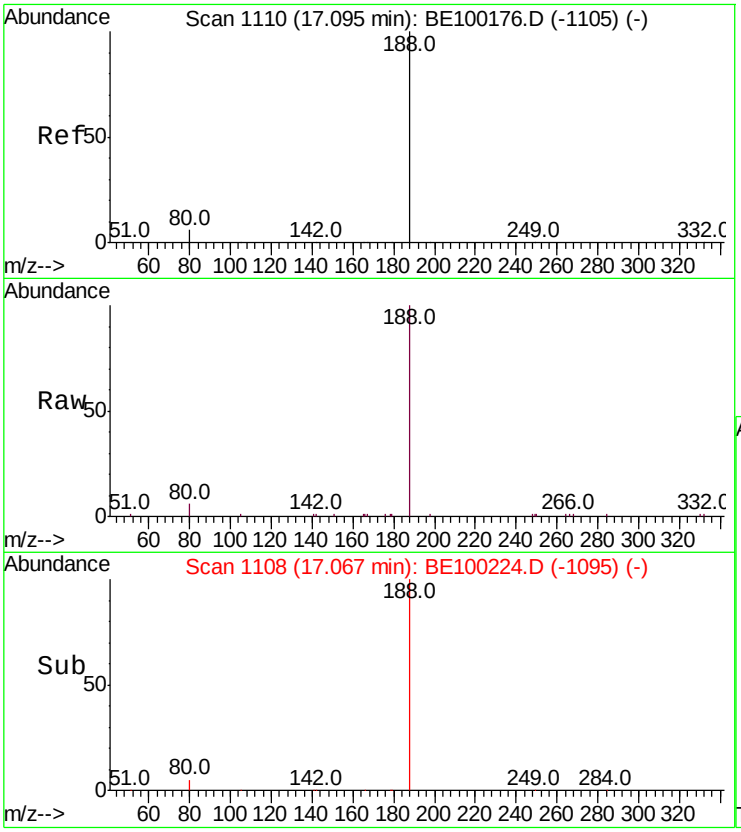


#18
Fluorene
Concen: 0.404 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:166 Resp: 4504

Ion	Ratio	Lower	Upper
166	100		
165	102.5	81.0	121.4
167	13.7	11.4	17.0



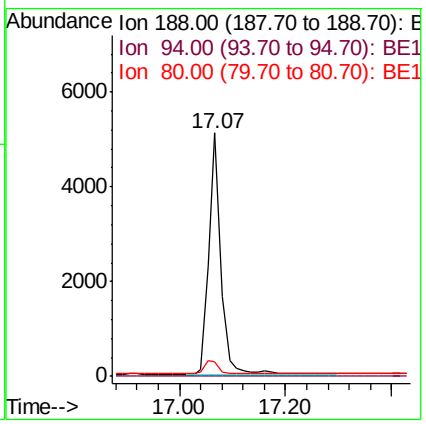


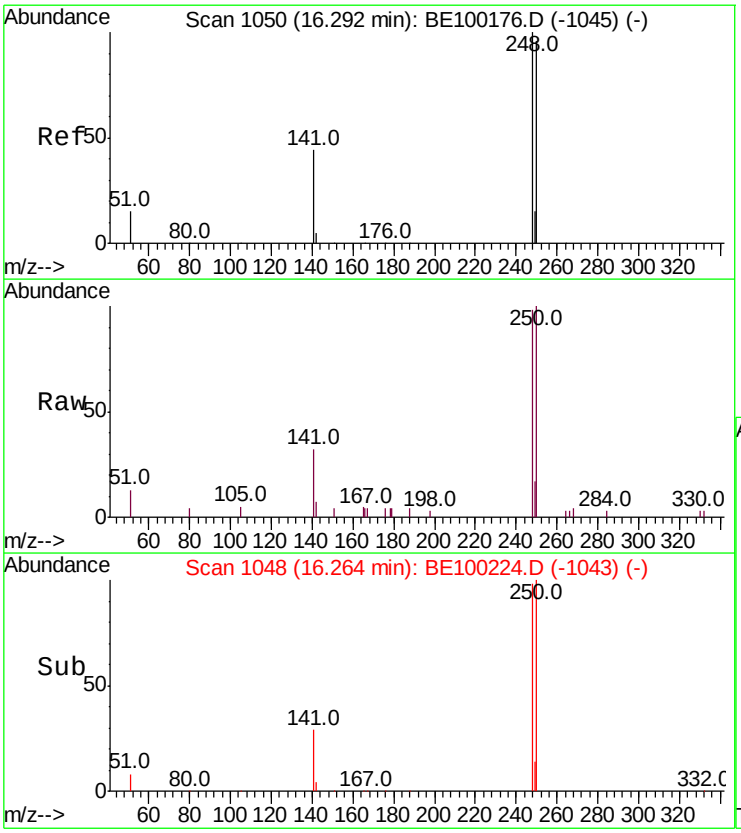
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7968

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	6.4	9.6#

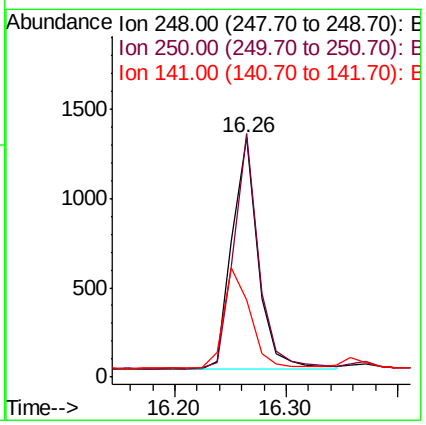


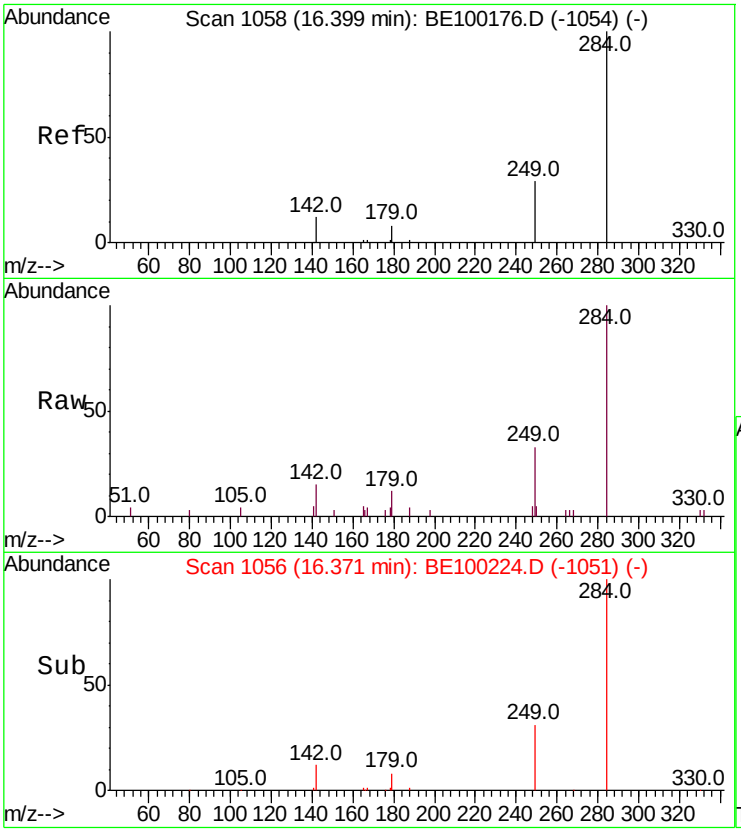


#20
4-Bromophenyl-phenylether
Concen: 0.426 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:248 Resp: 2105

Ion	Ratio	Lower	Upper
248	100		
250	101.7	77.1	115.7
141	32.4	39.5	59.3#



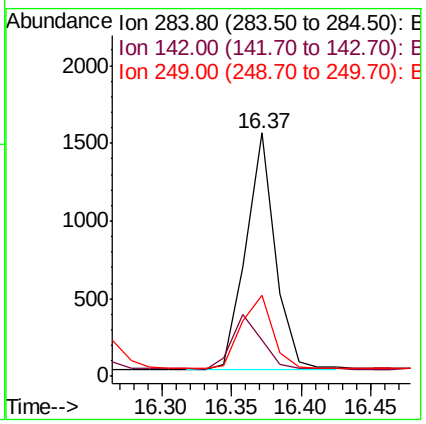


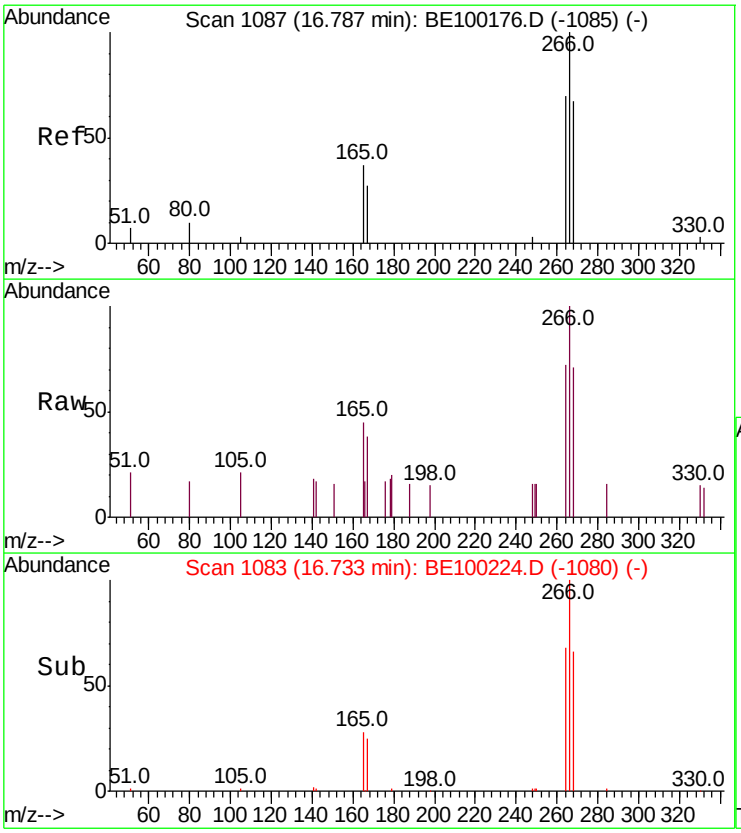
#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2221

Ion	Ratio	Lower	Upper
284	100		
142	22.8	20.1	30.1
249	32.5	26.2	39.4

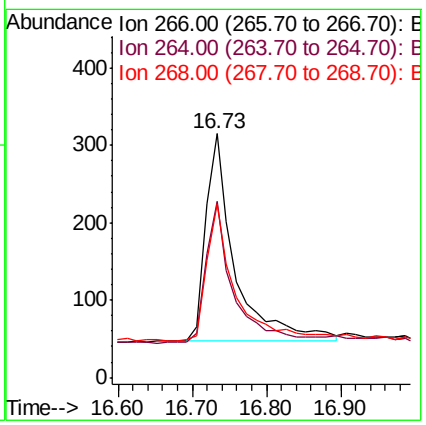


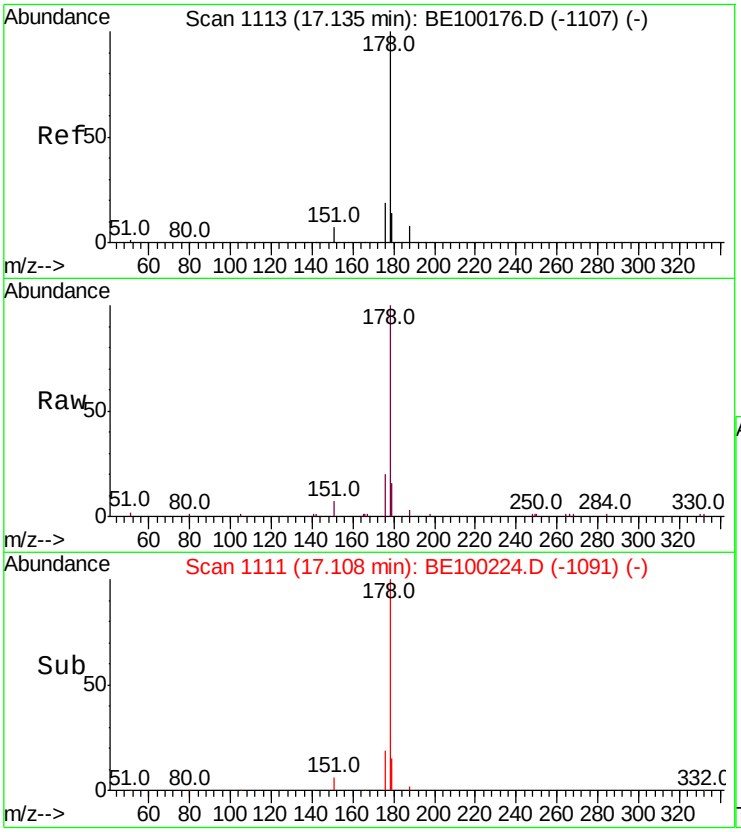


#22
Pentachlorophenol
Concen: 0.671 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:266 Resp: 731

Ion	Ratio	Lower	Upper
266	100		
264	72.1	67.7	101.5
268	71.4	69.8	104.6



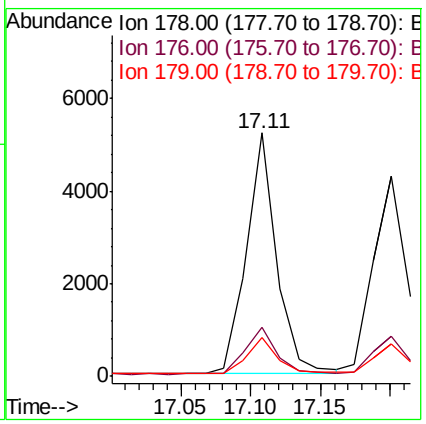


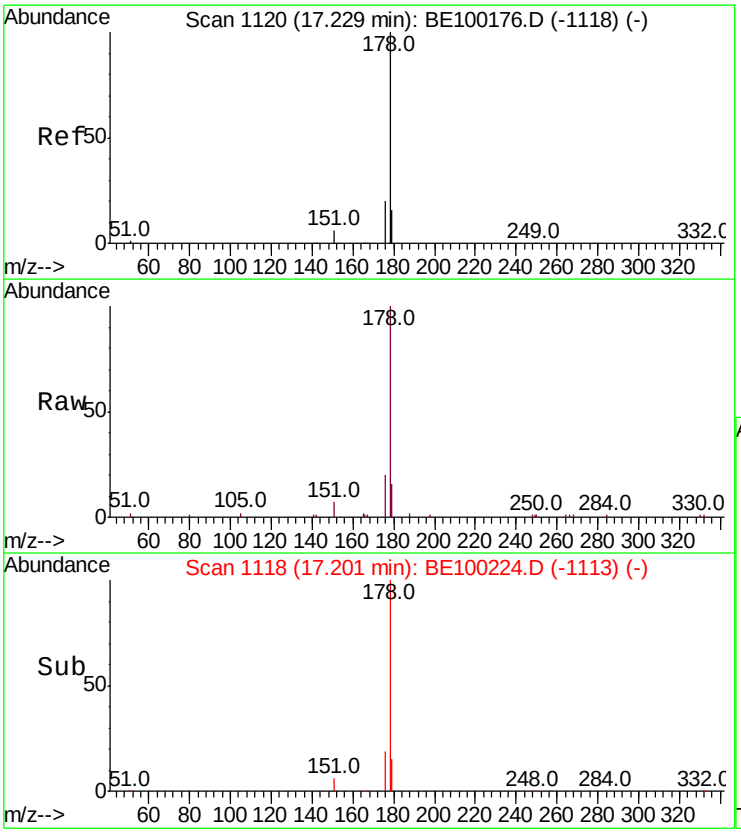
#23
Phenanthrene
Concen: 0.414 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7814

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.3	12.2	18.2

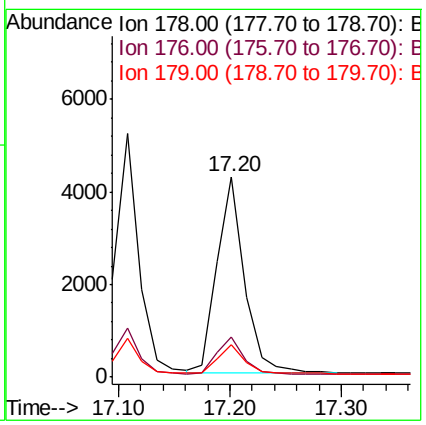


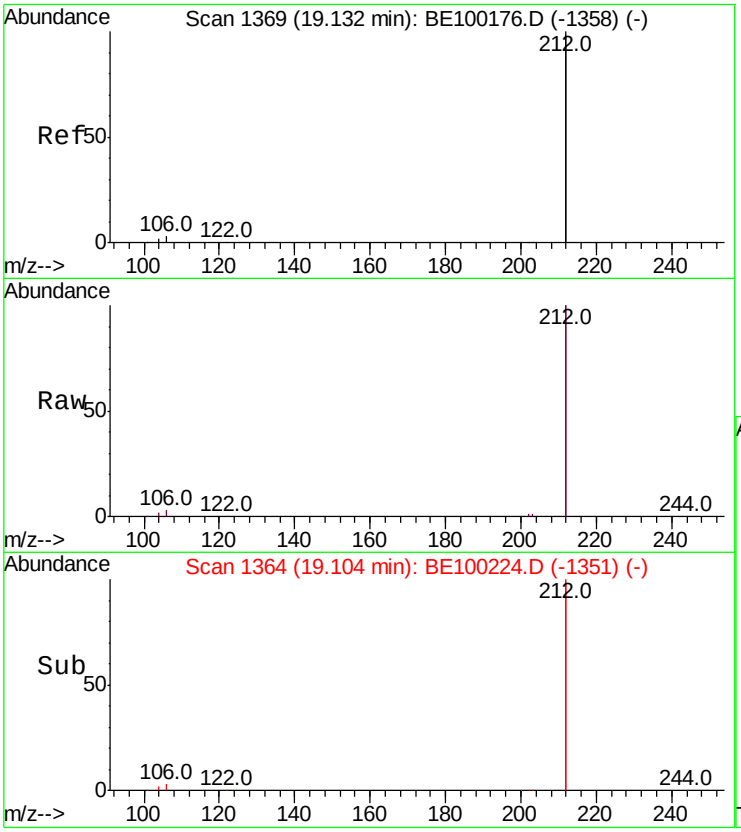


#24
Anthracene
Concen: 0.453 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:178 Resp: 7224

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	14.8	12.9	19.3



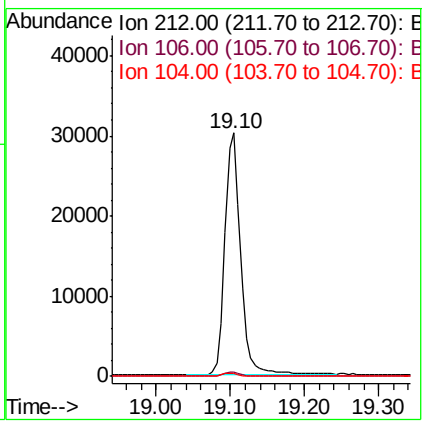


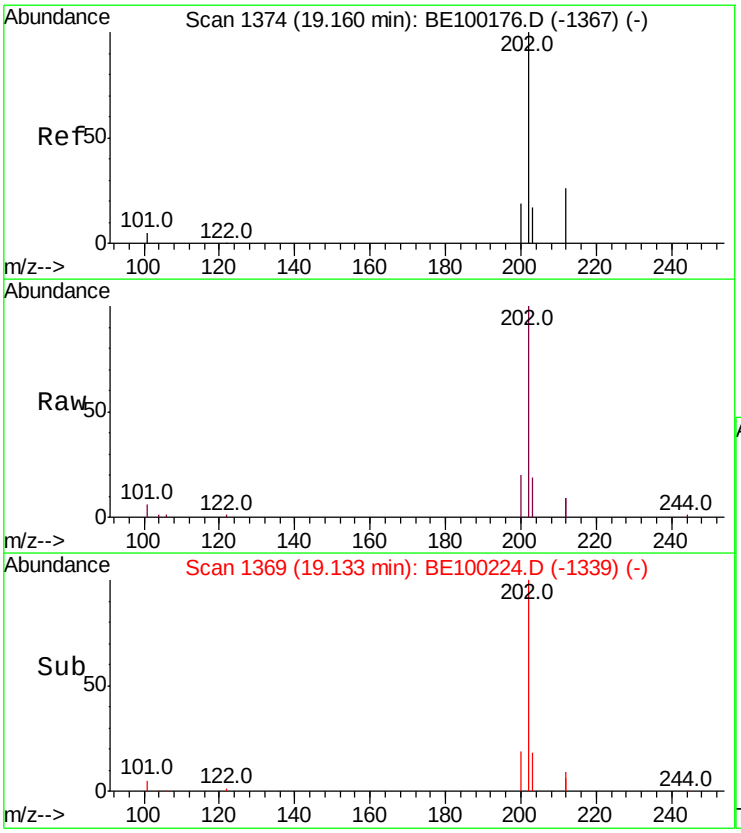
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.10 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 44362

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.7	1.1

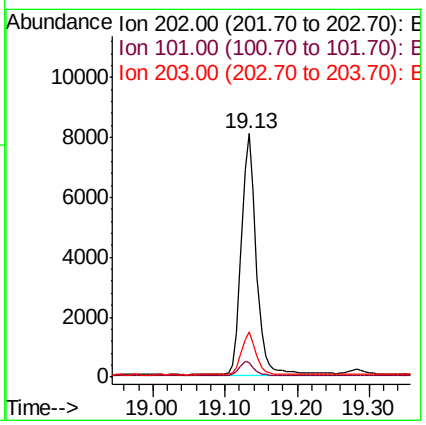


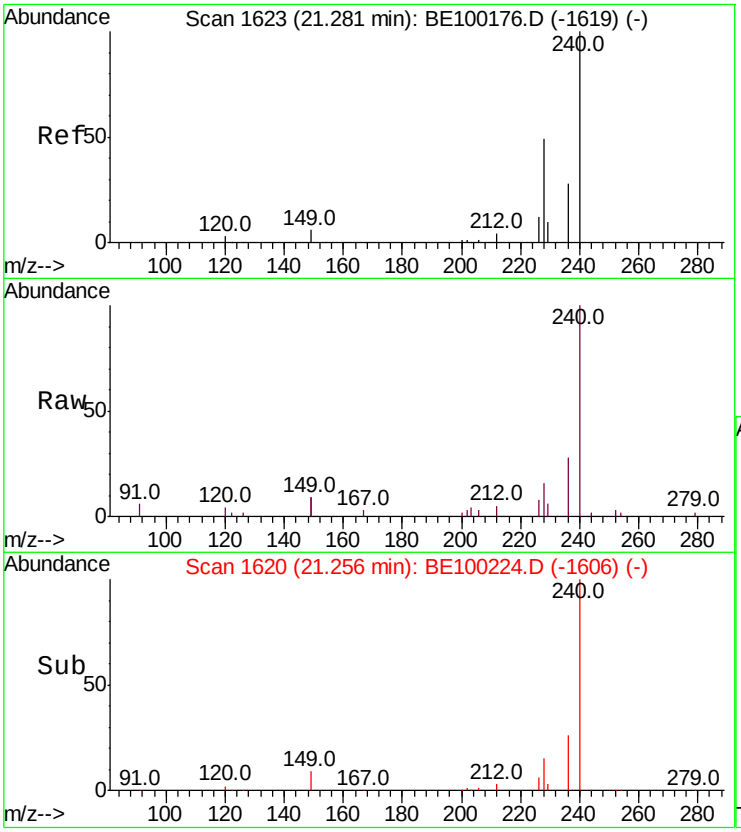


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:202 Resp: 11695

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.5	6.7
203	16.7	13.7	20.5



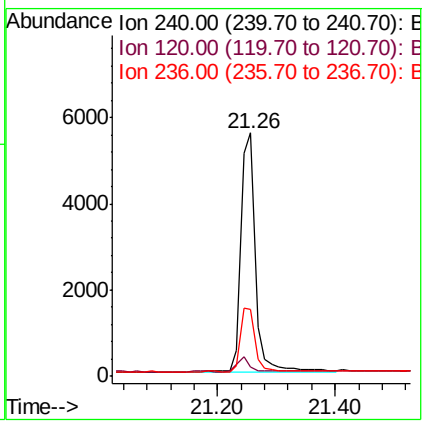


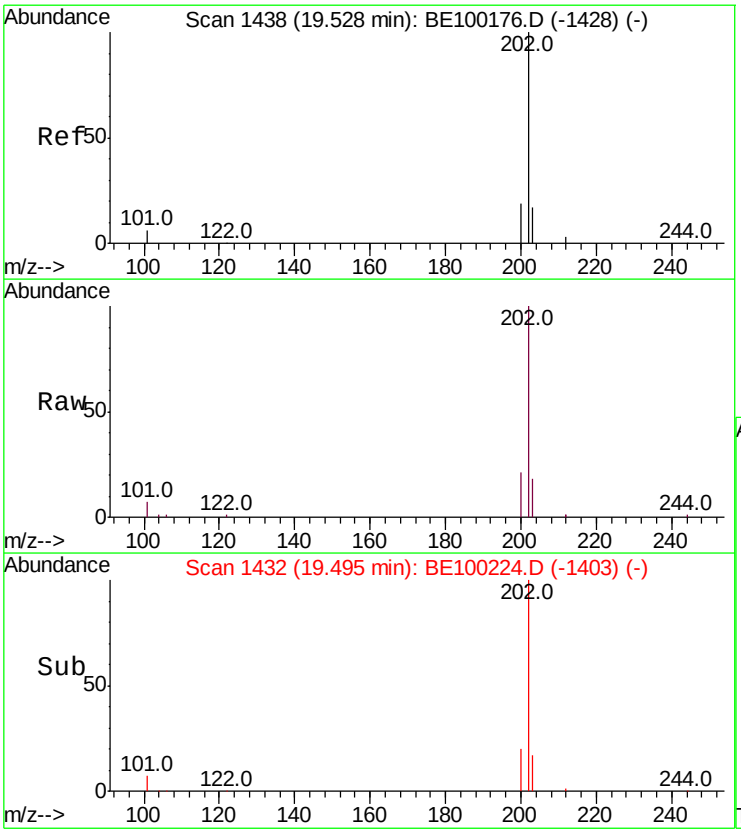
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9516

Ion	Ratio	Lower	Upper
240	100		
120	3.7	4.1	6.1#
236	27.7	23.0	34.6

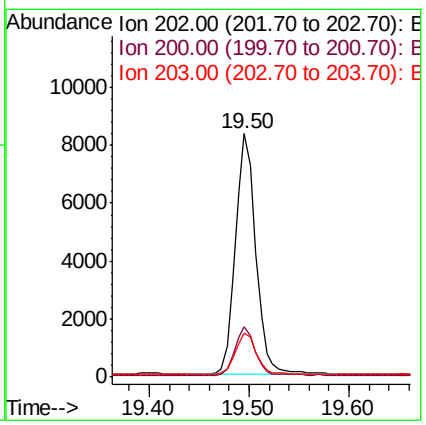


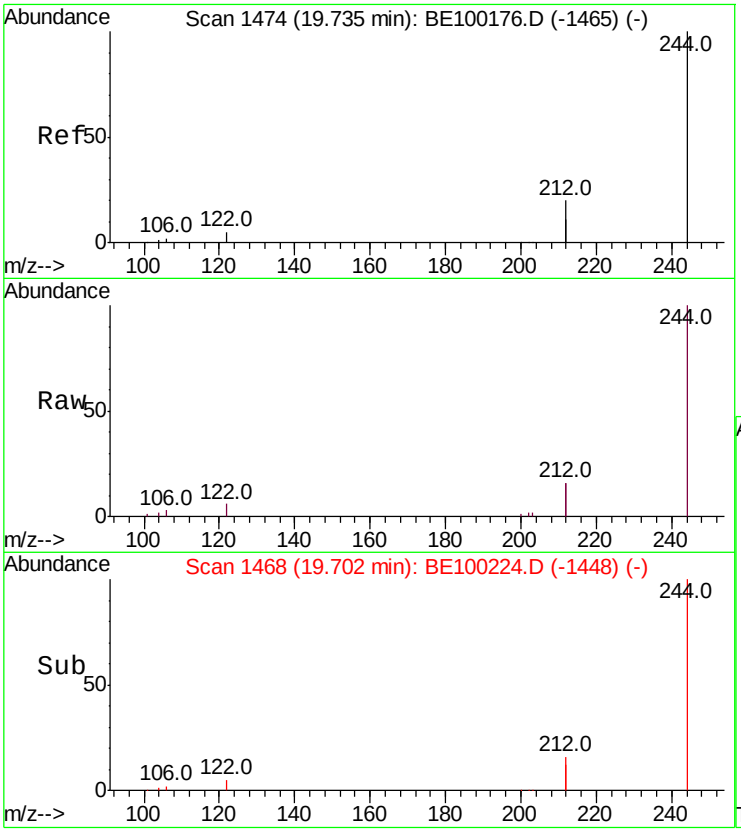


#28
Pyrene
Concen: 0.488 ng
RT: 19.50 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:202 Resp: 11882

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.5	23.3
203	17.7	13.9	20.9



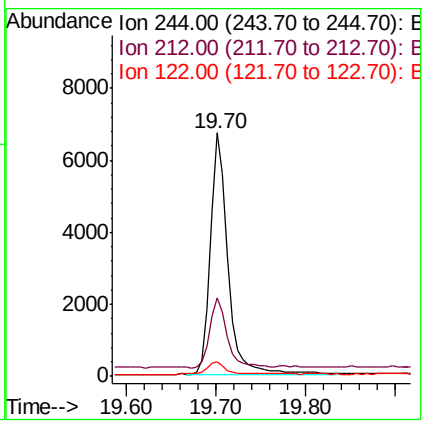


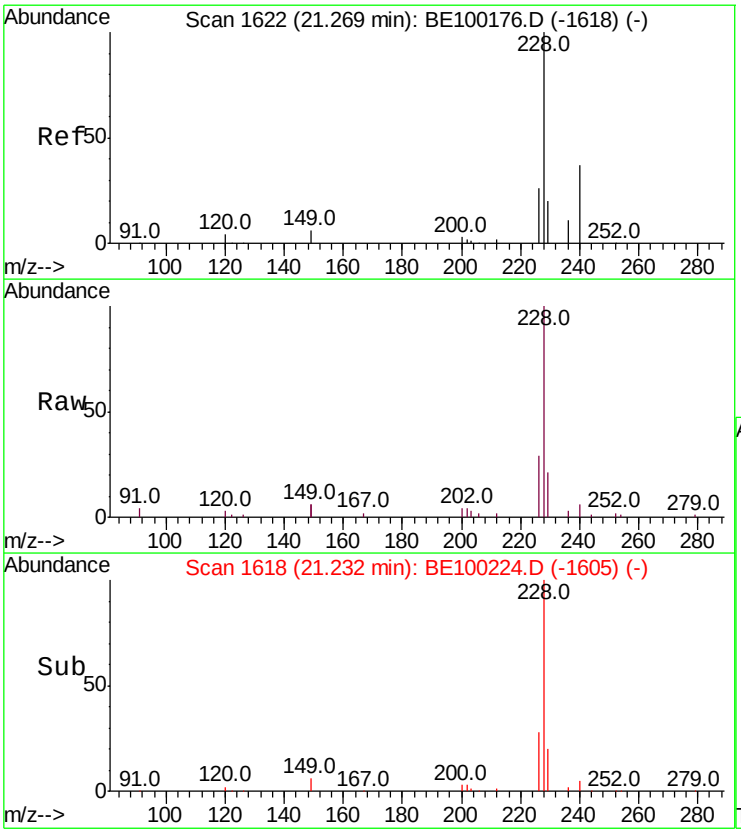
#29
Terphenyl-d14
Concen: 0.486 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9081

Ion	Ratio	Lower	Upper
244	100		
212	32.1	30.7	46.1
122	6.0	5.8	8.6

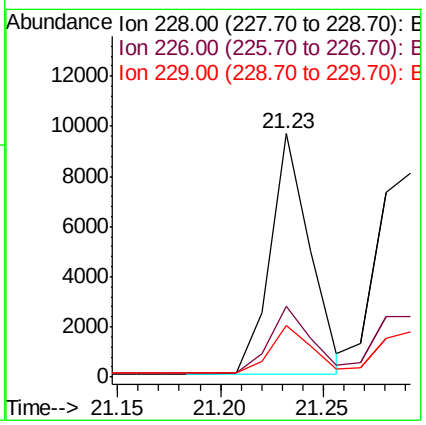


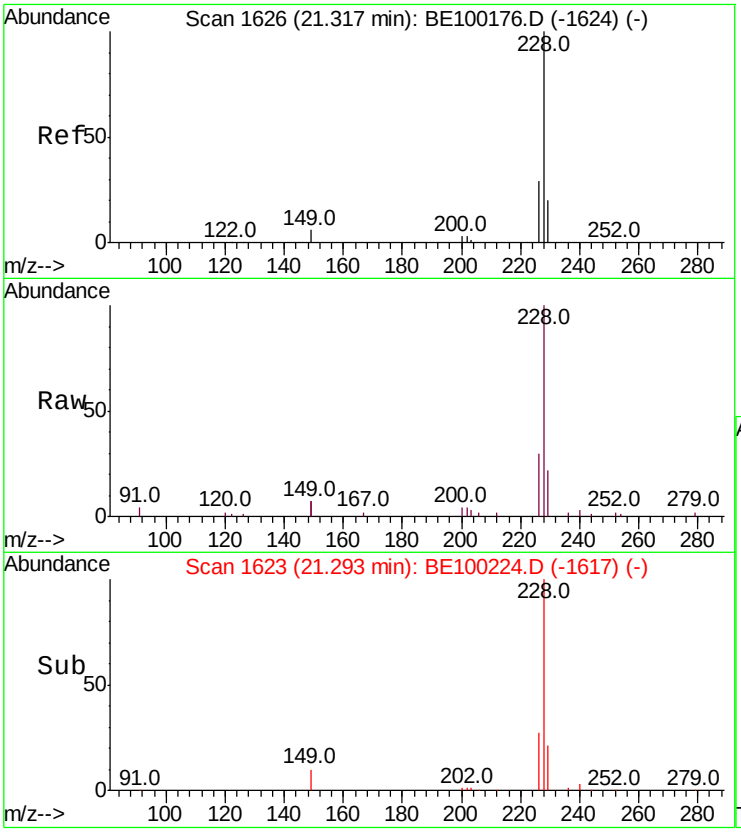


#30
Benzo(a)anthracene
Concen: 0.461 ng
RT: 21.23 min Scan# 1618
Delta R.T. -0.04 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:228 Resp: 12929

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.5	32.3
229	21.1	17.2	25.8



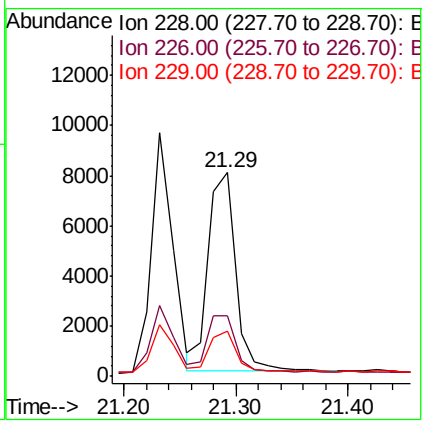


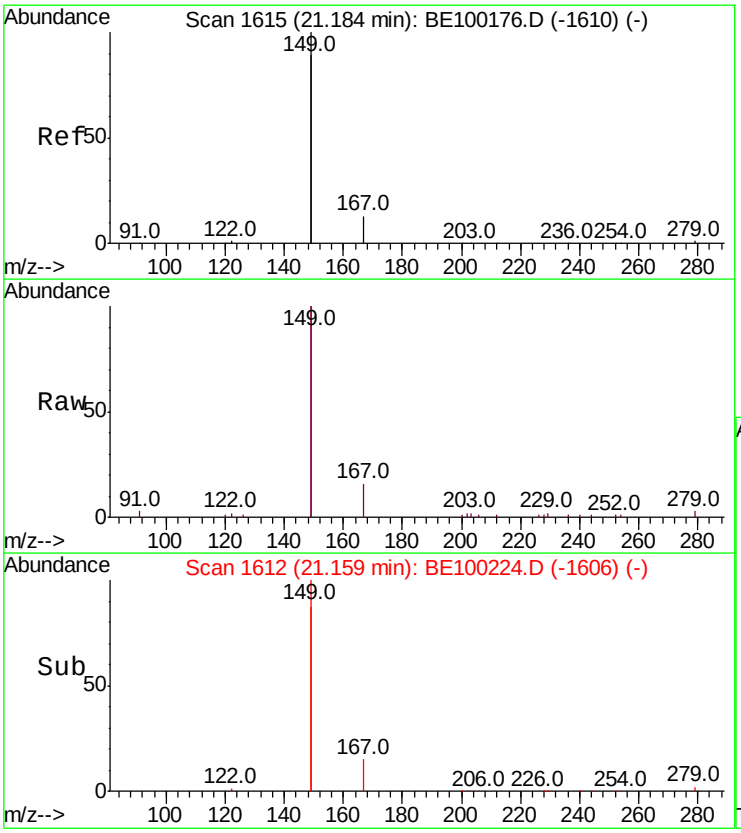
#31
Chrysene
Concen: 0.403 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 13272

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	22.0	16.5	24.7

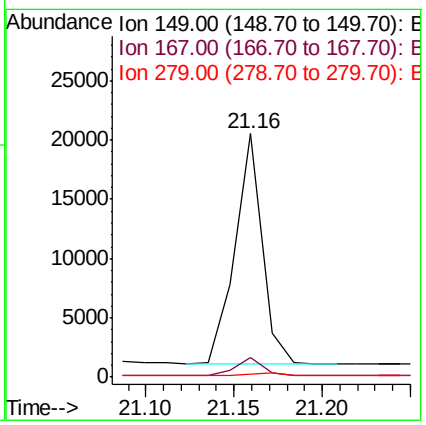


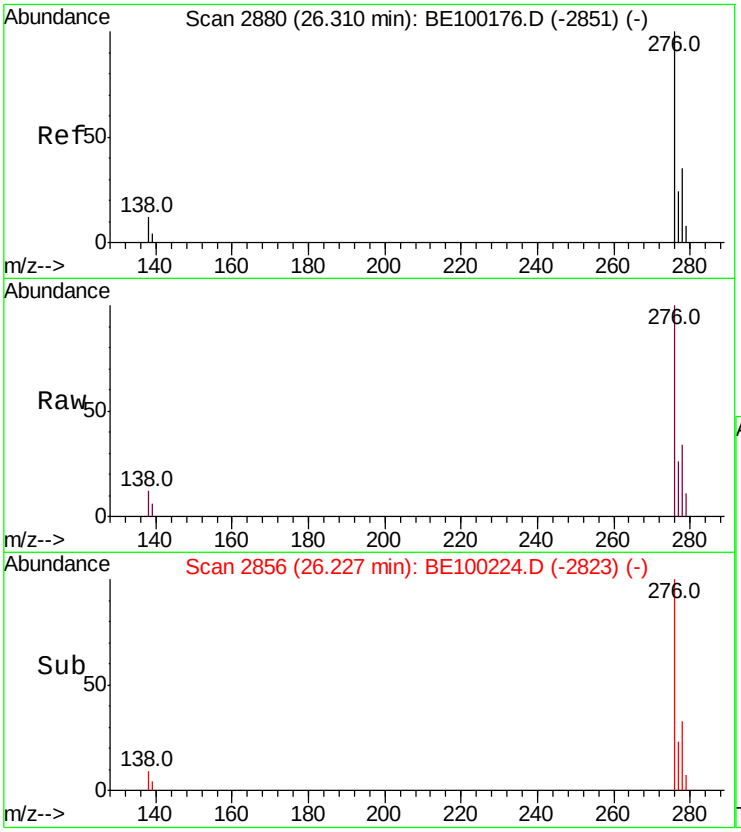


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.653 ng
RT: 21.16 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:149 Resp: 21053

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.5	1.0	1.6



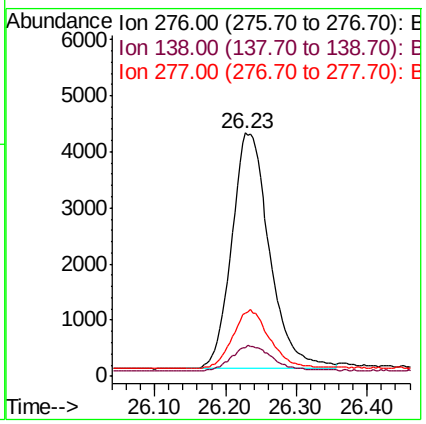


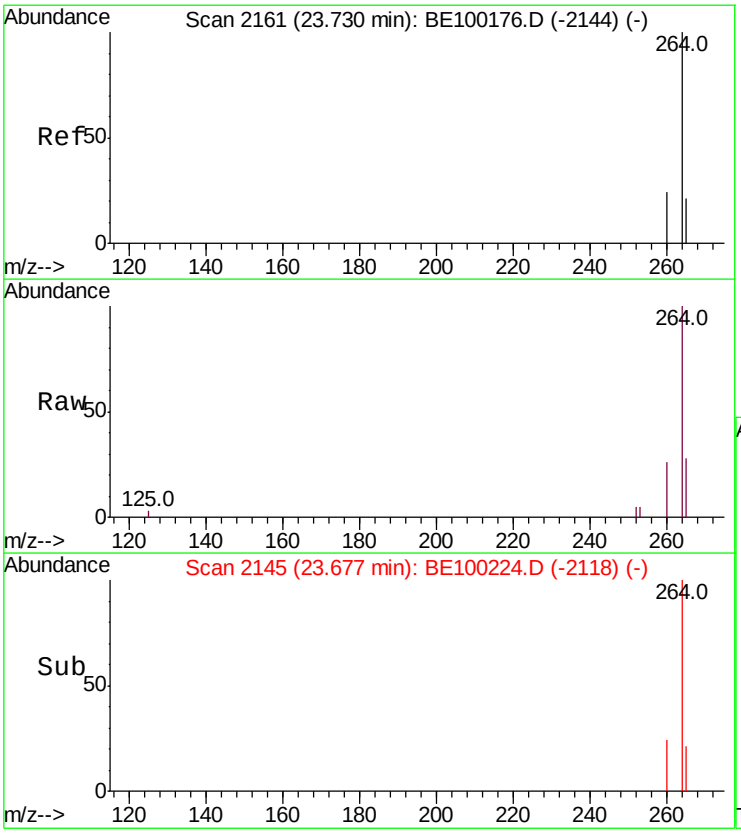
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 26.23 min Scan# 2856
Delta R.T. -0.08 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15686

Ion	Ratio	Lower	Upper
276	100		
138	11.5	3.7	5.5#
277	24.2	18.7	28.1

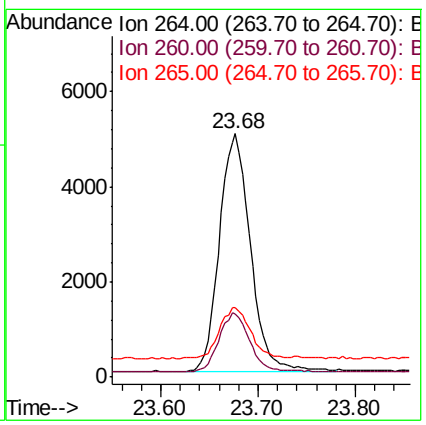


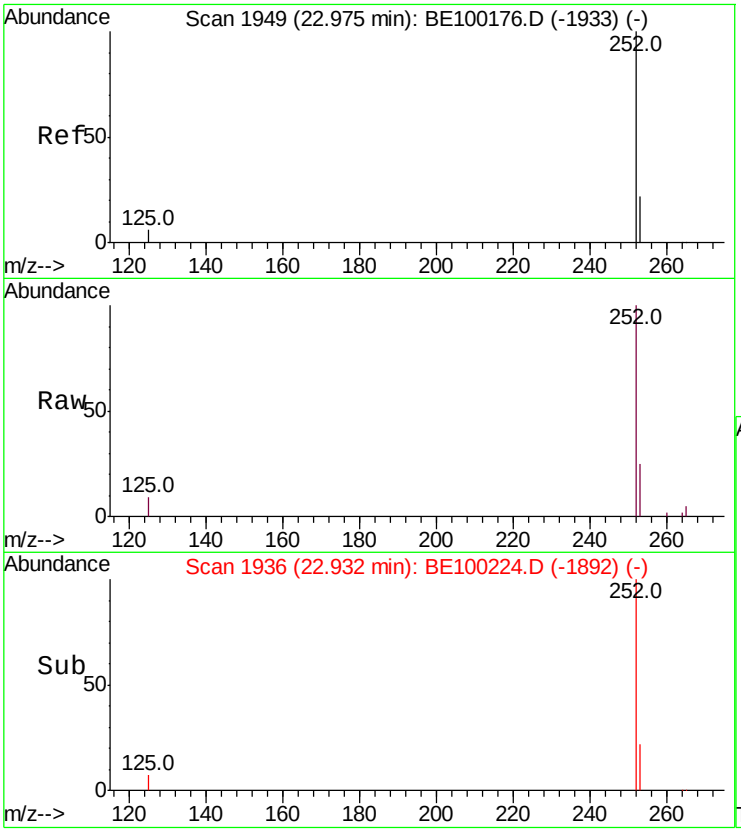


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2145
Delta R.T. -0.05 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:264 Resp: 11154

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.4	30.6
265	28.4	22.5	33.7



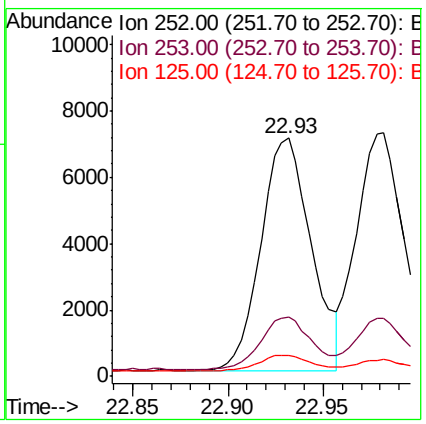


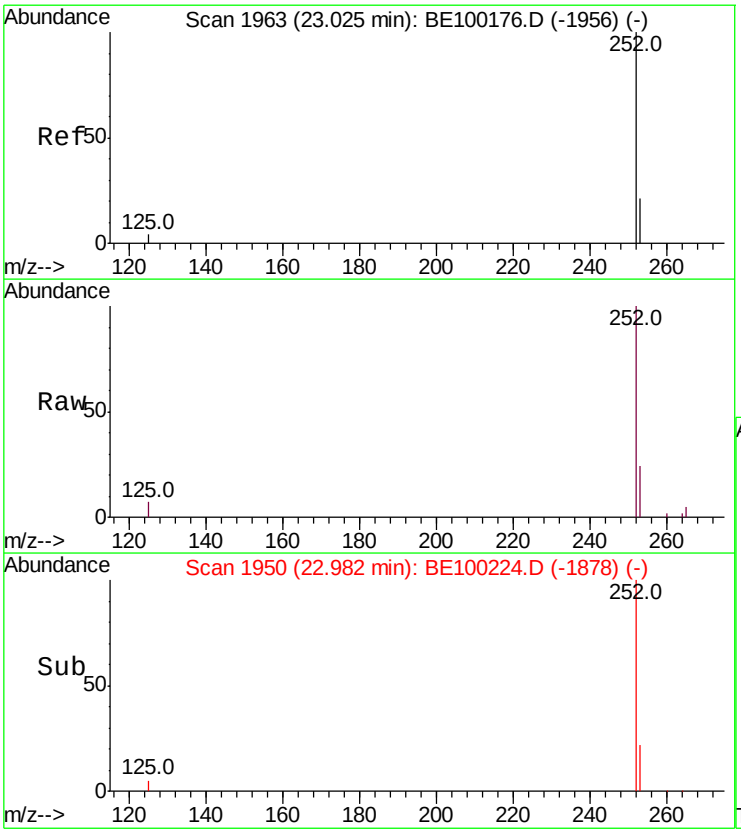
#35
Benzo(b)fluoranthene
Concen: 0.431 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12939

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	8.7	6.3	9.5

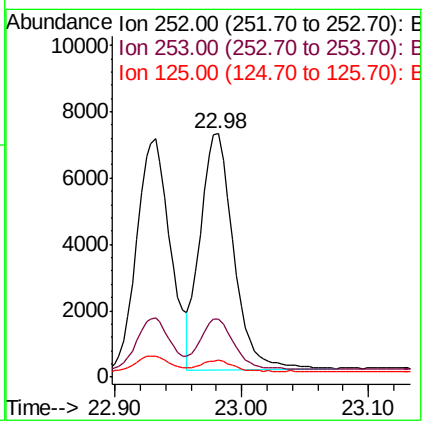


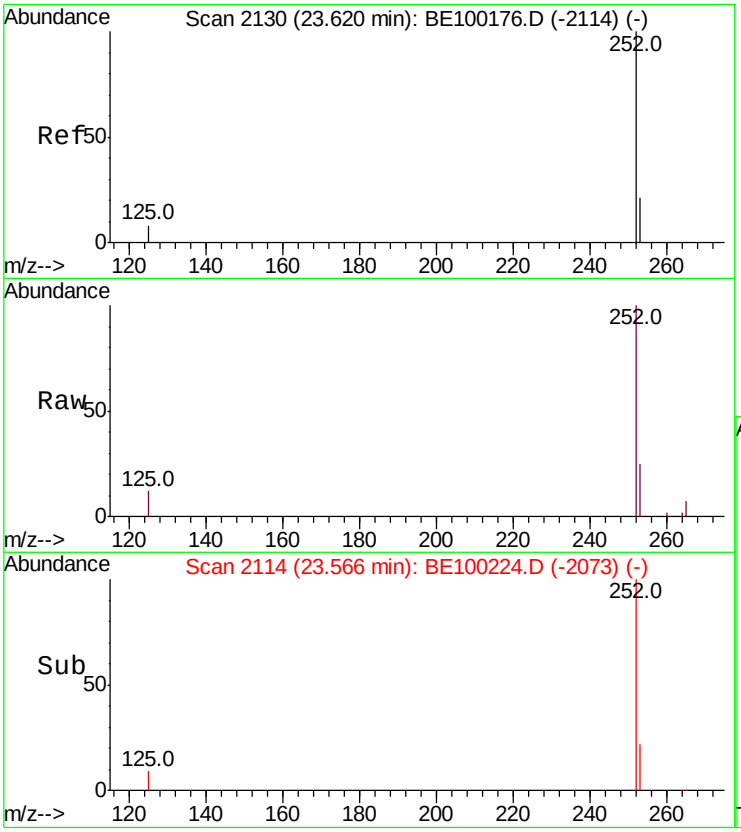


#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.04 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:252 Resp: 12933

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	7.0	5.0	7.4



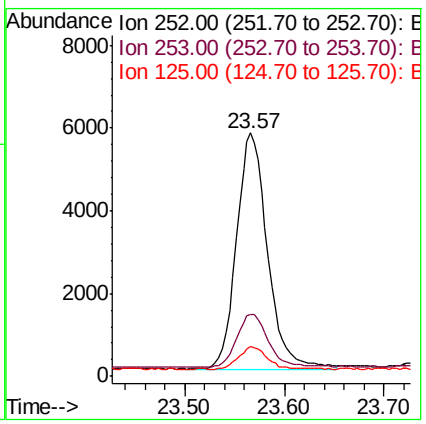


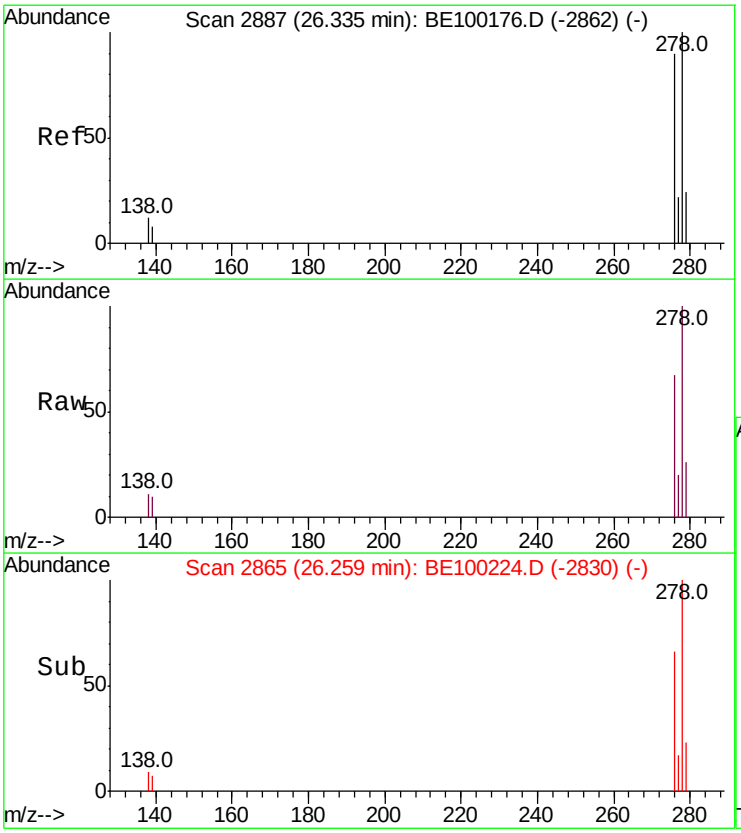
#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.57 min Scan# 2114
Delta R.T. -0.05 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12295

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.2	28.8
125	12.0	8.2	12.2

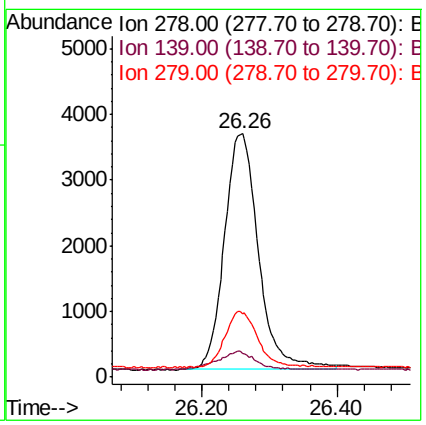


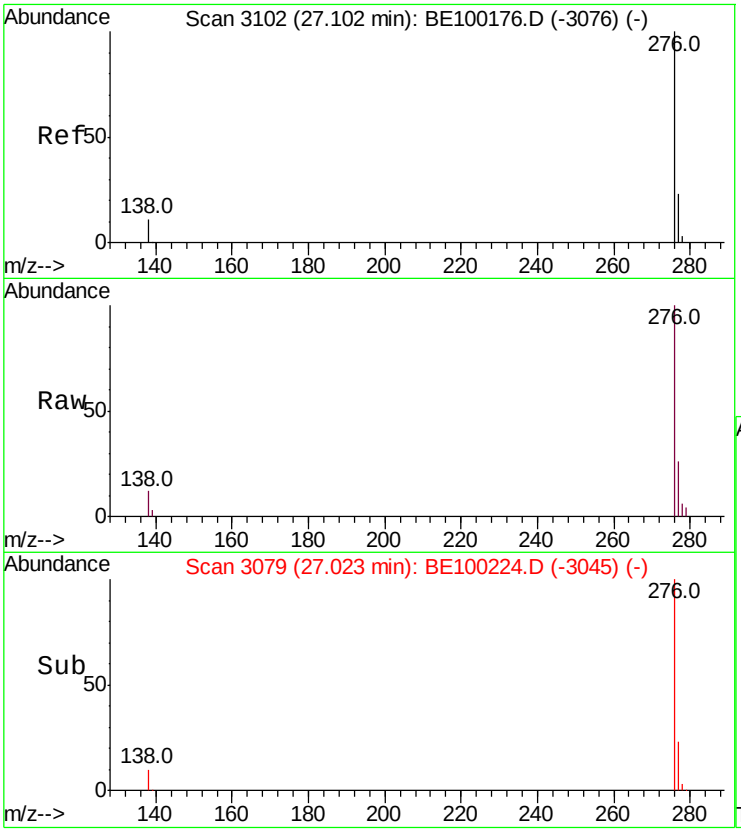


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.26 min Scan# 2865
Delta R.T. -0.08 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Tgt Ion:278 Resp: 12655

Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.0	13.4
279	26.2	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 27.02 min Scan# 3079
Delta R.T. -0.08 min
Lab File: BE100224.D
Acq: 28 Jun 2019 2:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13142

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.8	29.6
138	12.3	10.2	15.4