Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100247.D
Acq On : 28 Jun 2019 22:38
Operator : JU/SJ
Sample : K3445-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-007-SW124-061819

Quant Time: Jun 29 00:02:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	766	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	2743	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2250	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6465	0.40	ng		0.00
27) Chrysene-d12	21.24	240	8427	0.40	ng		0.00
34) Perylene-d12	23.67	264	10042	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	563	0.29	ng		0.00
5) Phenol-d6	6.83	99	775	0.30	ng		-0.01
8) Nitrobenzene-d5	8.81	82	822	0.30	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	2058	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	488	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	2508	0.29	ng		0.00
25) Fluoranthene-d10	19.10	212	34520	0.37	ng		0.00
29) Terphenyl-d14	19.70	244	4920	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	8	0.007	ng	#	1
3) n-Nitrosodimethylamine	3.44	42	12	0.022	ng	#	1
6) bis(2-Chloroethyl)ether	7.08	93	12	0.006	ng	#	1
9) Naphthalene	10.48	128	4522	0.149	ng		98
10) Hexachlorobutadiene	10.73	225	5	0.002	ng	#	20
12) 2-Methylnaphthalene	12.12	142	554	0.104	ng		92
16) Acenaphthylene	14.04	152	2892	0.268	ng		98
17) Acenaphthene	14.38	154	2086	0.341	ng		98
18) Fluorene	15.35	166	3327	0.368	ng	#	94
20) 4-Bromophenyl-phenylether	16.22	248	6	0.001	ng	#	57
21) Hexachlorobenzene	16.30	284	6	0.001	ng	#	48
22) Pentachlorophenol	16.79	266	18	0.014	ng	#	76
23) Phenanthrene	17.09	178	81558	5.205	ng		100
24) Anthracene	17.19	178	15765	1.117	ng	#	92
26) Fluoranthene	19.13	202	145067	5.812	ng		99
28) Pyrene	19.49	202	125178	5.611	ng	#	95
30) Benzo(a)anthracene	21.23	228	88673	3.200	ng		98
31) Chrysene	21.28	228	70268	2.526	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	6835	0.117	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.22	276	43402	1.179	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	91560	3.363	ng	#	97
36) Benzo(k)fluoranthene	22.93	252	91560	3.013	ng		98
37) Benzo(a)pyrene	23.56	252	65704	2.408	ng	#	96
38) Dibenzo(a,h)anthracene	26.24	278	11522	0.404	ng	#	90
39) Benzo(g,h,i)perylene	27.02	276	40567	1.386	ng		98

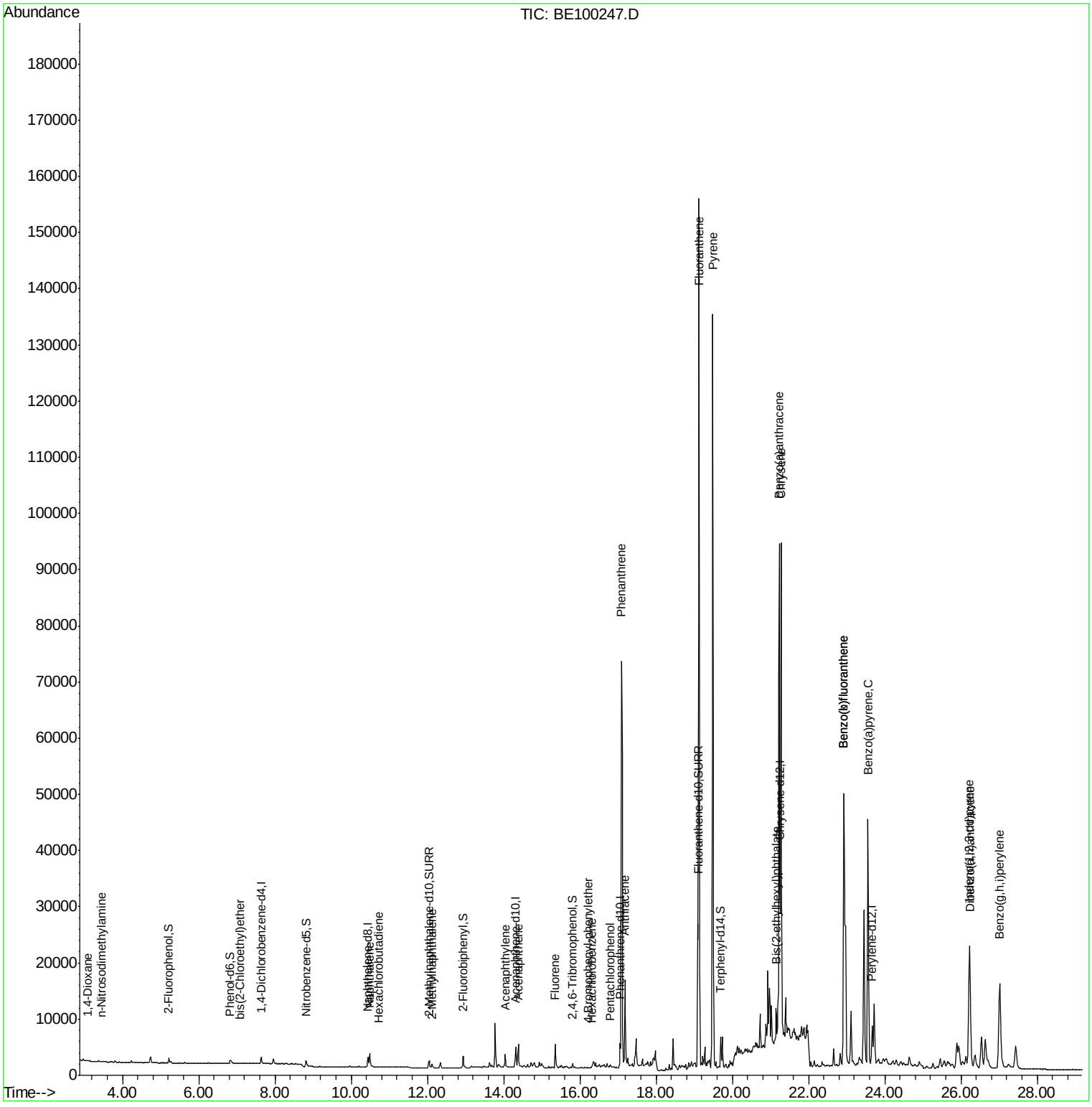
(#) = qualifier out of range (m) = manual integration (+) = signals summed

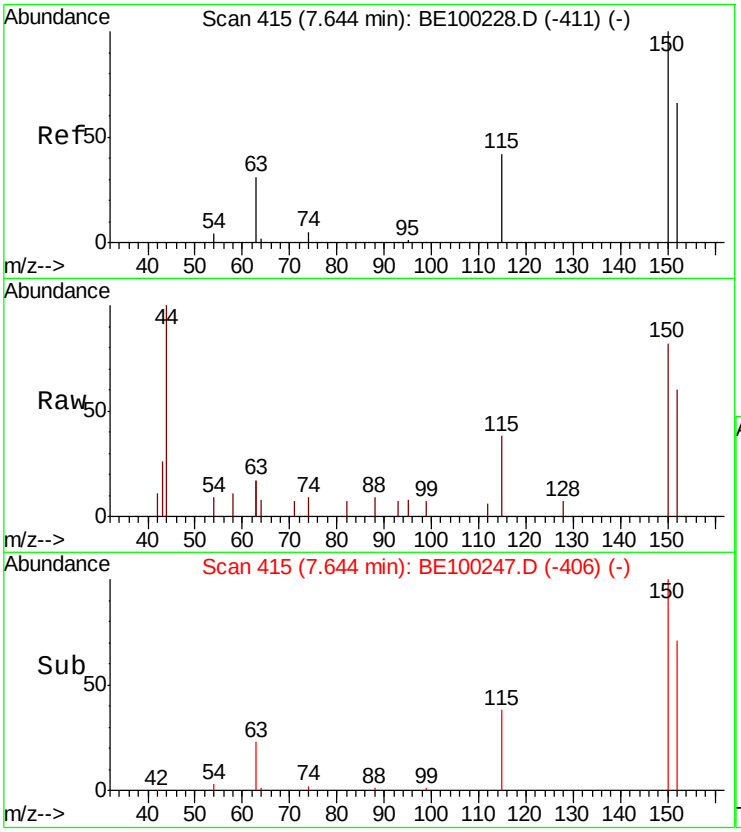
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100247.D
Acq On : 28 Jun 2019 22:38
Operator : JU/SJ
Sample : K3445-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Quant Time: Jun 29 00:02:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



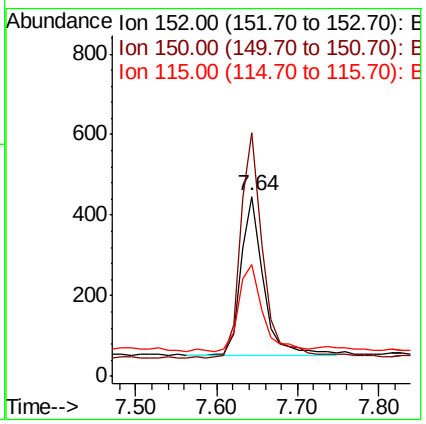


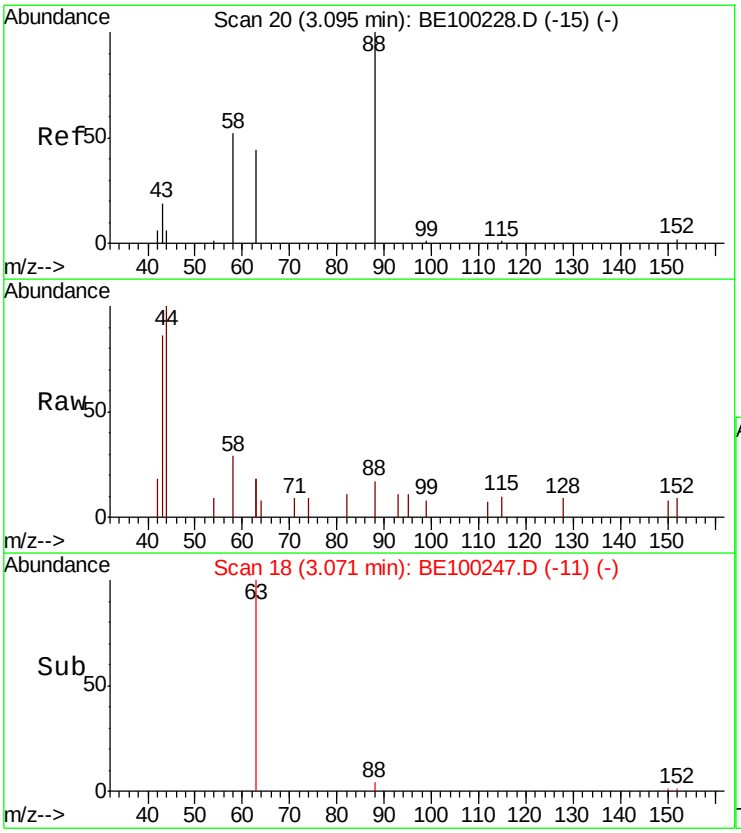
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:152 Resp: 766

Ion	Ratio	Lower	Upper
152	100		
150	135.4	114.5	171.7
115	62.6	57.1	85.7

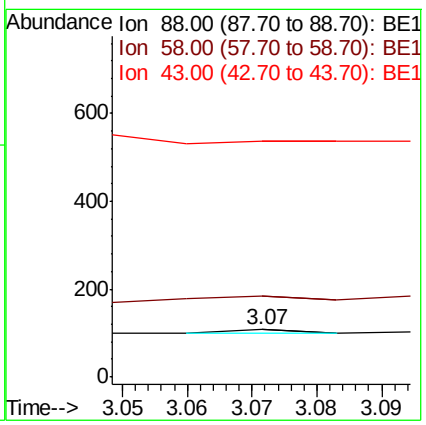


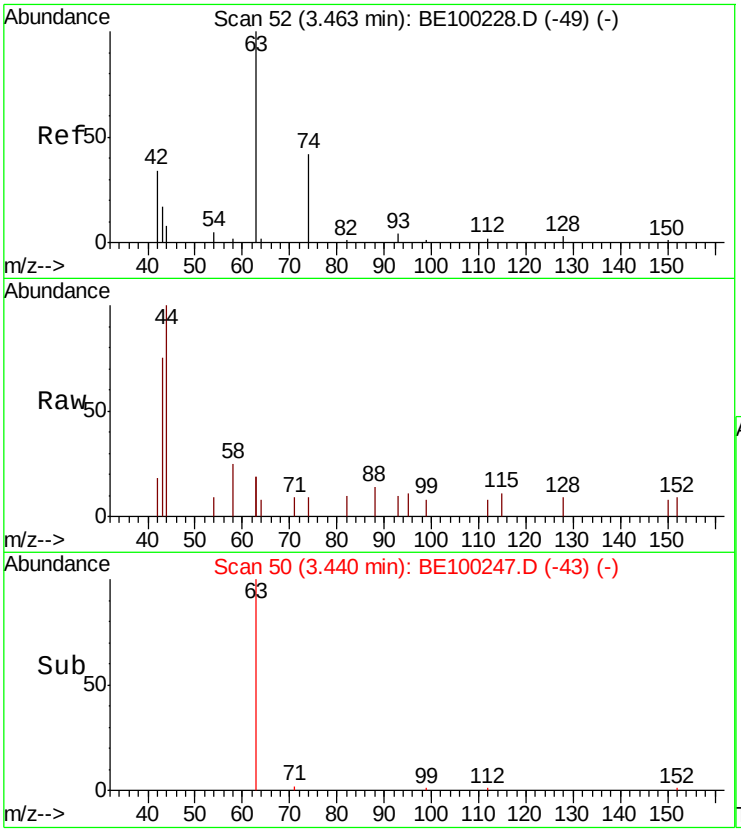


#2
1,4-Dioxane
Concen: 0.007 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion: 88 Resp: 8

Ion	Ratio	Lower	Upper
88	100		
58	225.0	43.6	65.4#
43	0.0	21.4	32.0#



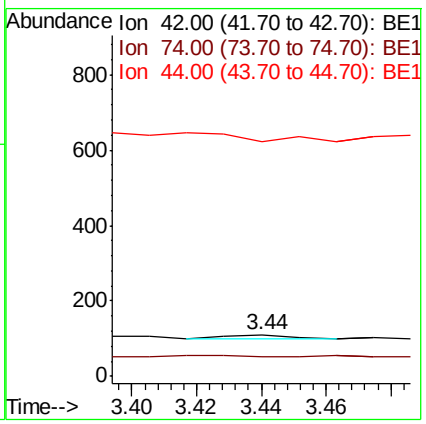


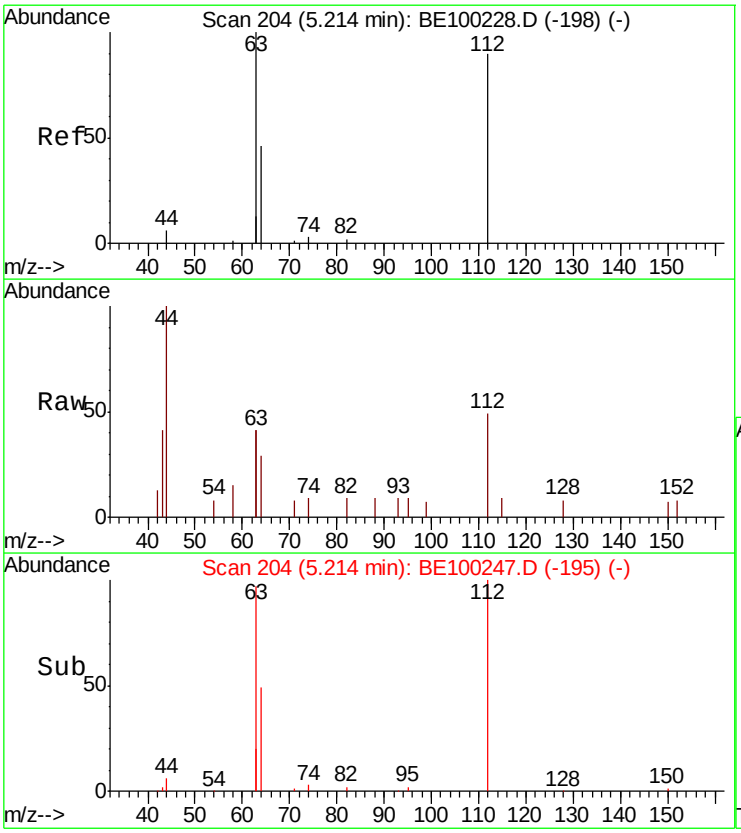
#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion: 42 Resp: 12

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	0.0	38.0	57.0#

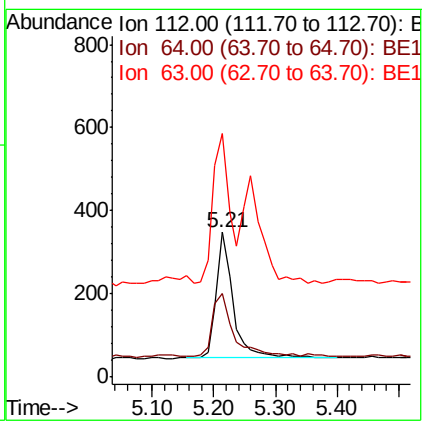


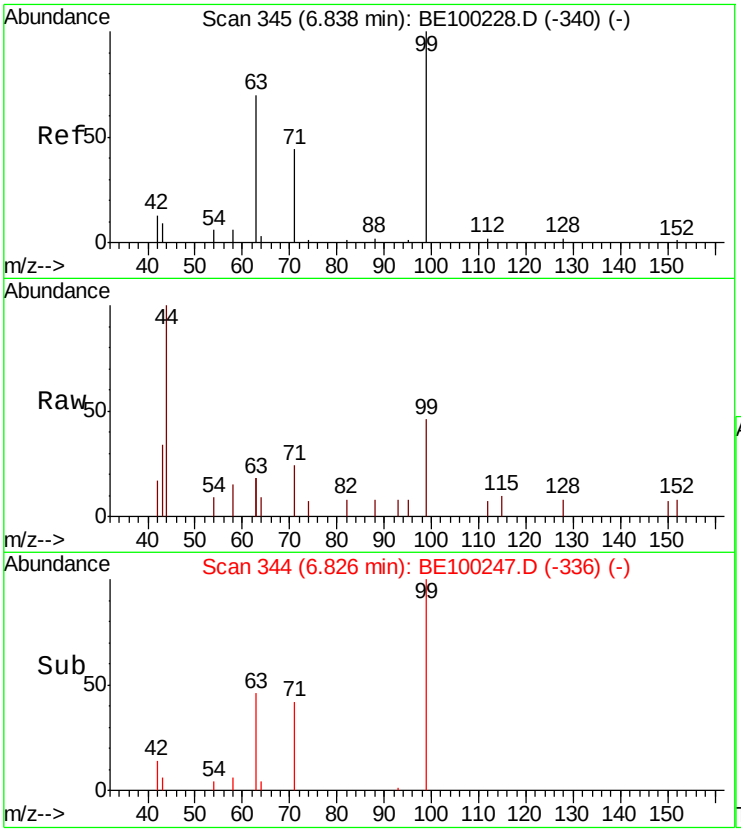


#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:112 Resp: 563

Ion	Ratio	Lower	Upper
112	100		
64	60.7	39.4	59.0#
63	117.4	104.5	156.7



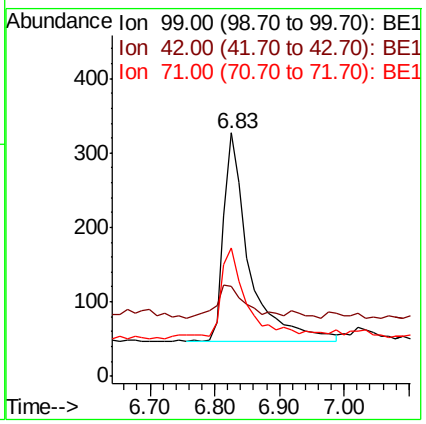


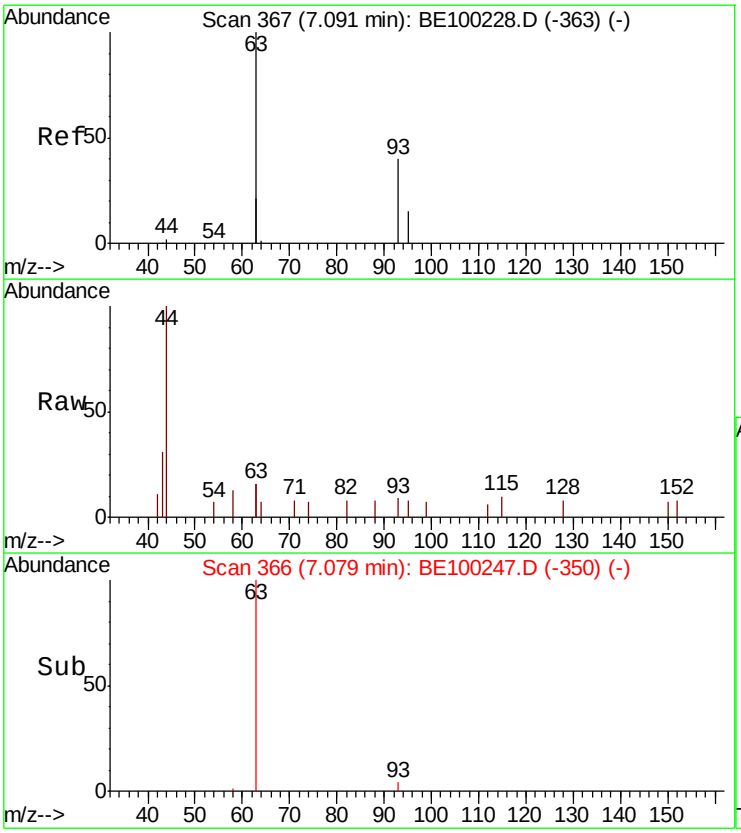
#5
Phenol-d6
Concen: 0.302 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion: 99 Resp: 775

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.2	16.8#
71	40.5	37.2	55.8

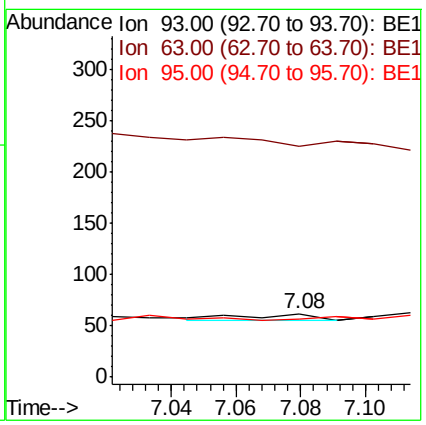


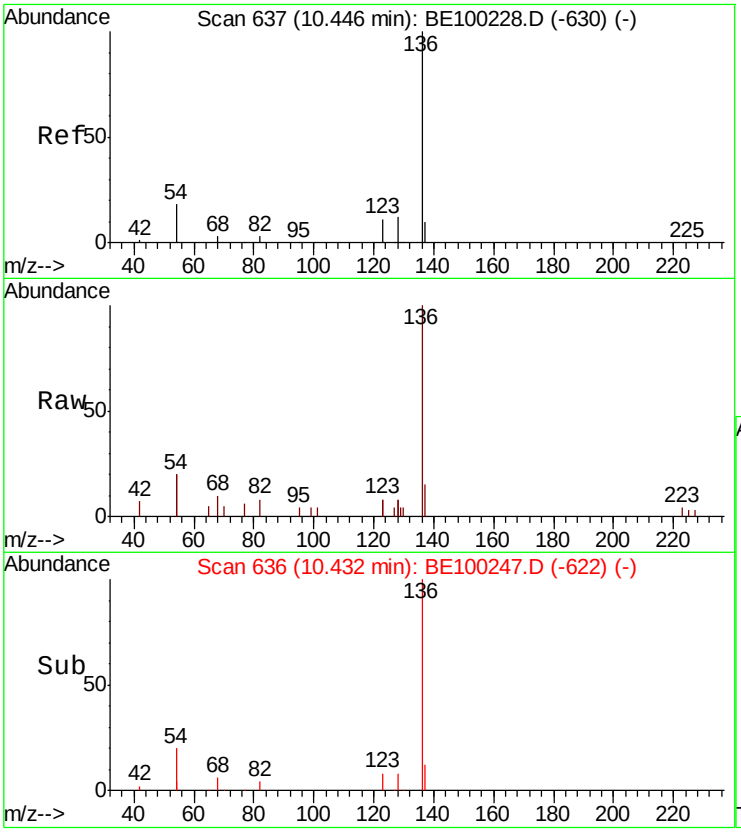


#6
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.08 min Scan# 366
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion: 93 Resp: 12

Ion	Ratio	Lower	Upper
93	100		
63	0.0	155.6	233.4#
95	0.0	23.0	34.4#



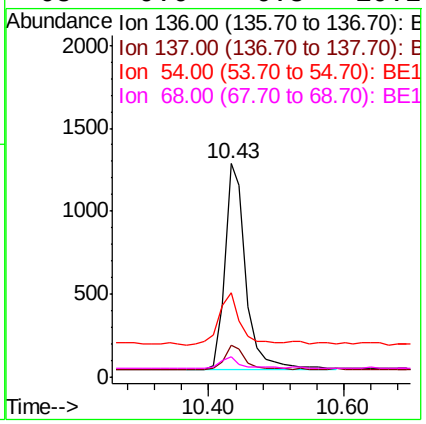


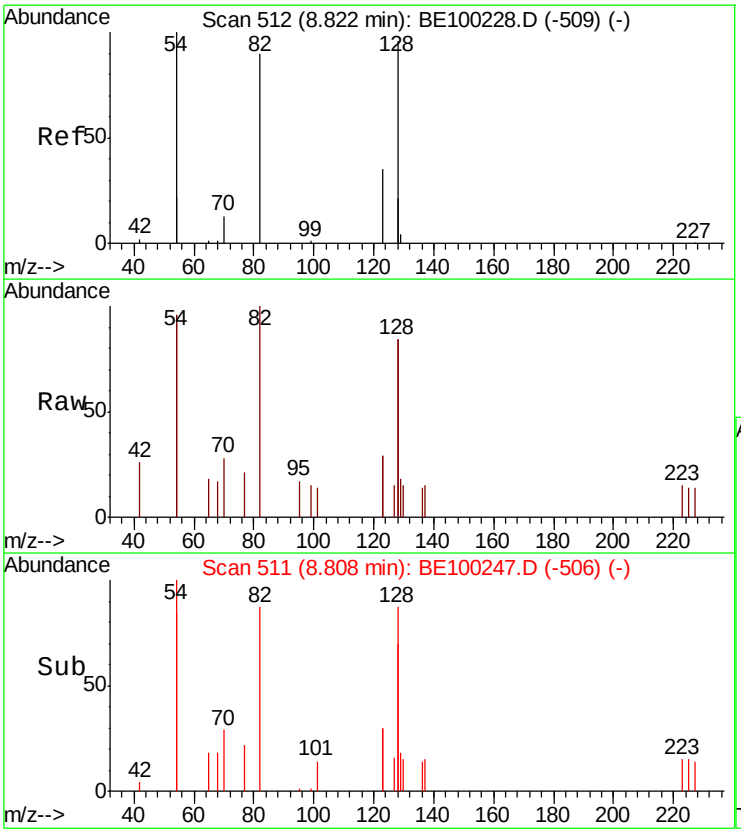
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:136 Resp: 2743

Ion	Ratio	Lower	Upper
136	100		
137	15.1	11.8	17.8
54	39.3	27.7	41.5
68	9.6	6.8	10.2

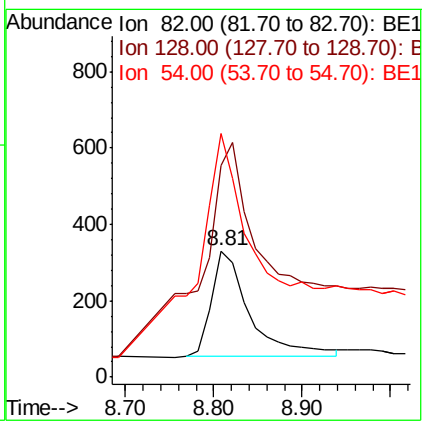


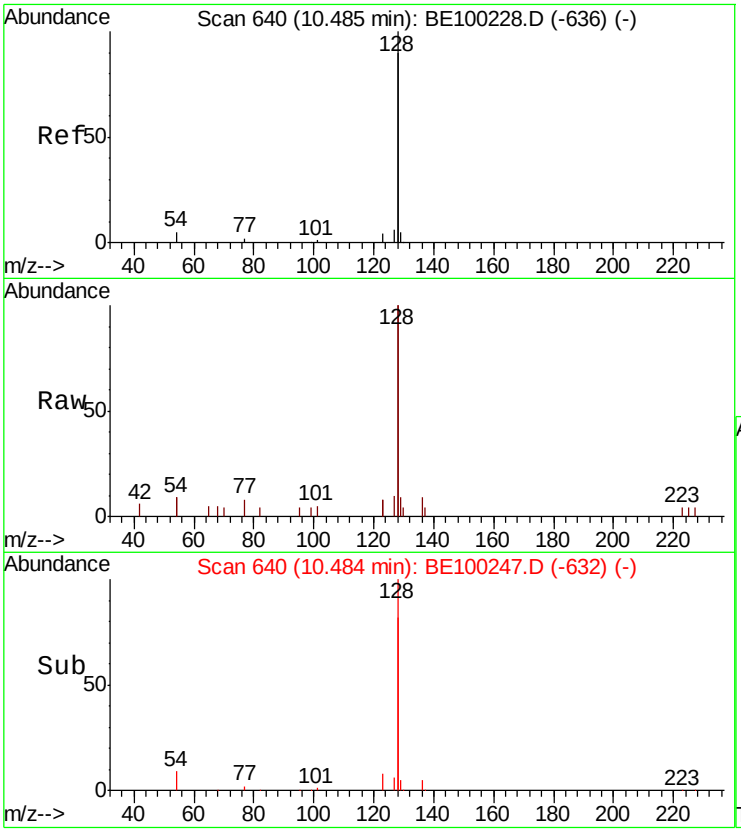


#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion: 82 Resp: 822

Ion	Ratio	Lower	Upper
82	100		
128	167.4	140.9	211.3
54	192.7	146.2	219.2



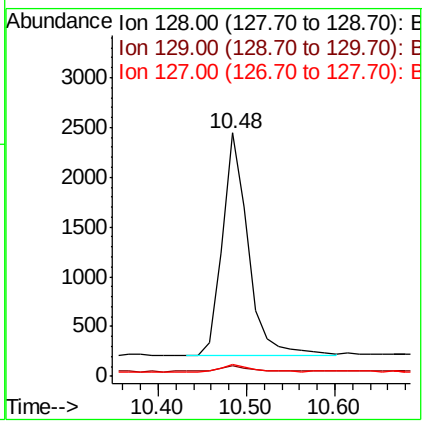


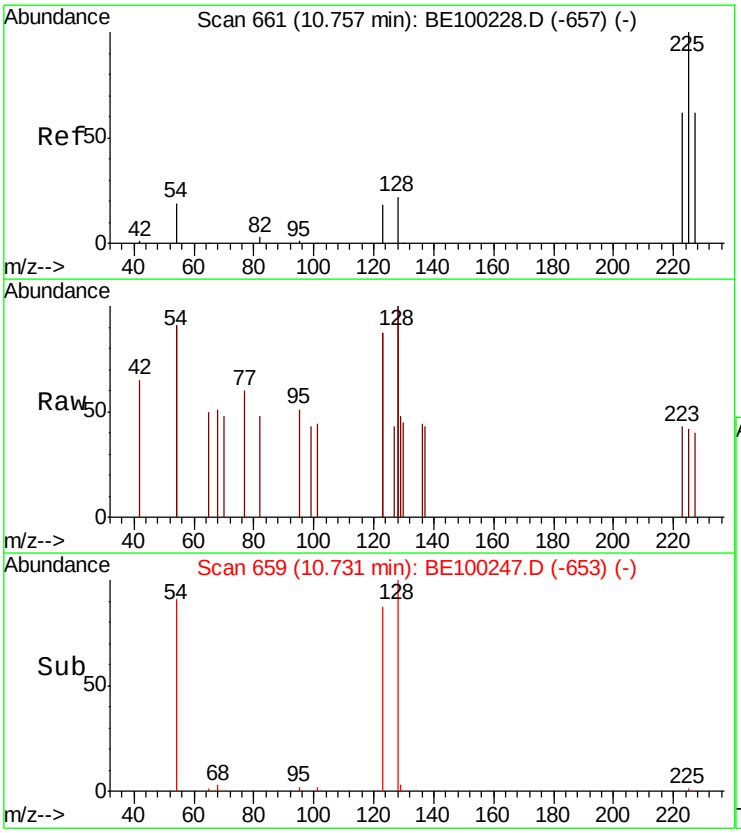
#9
Naphthalene
Concen: 0.149 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:128 Resp: 4522

Ion	Ratio	Lower	Upper
128	100		
129	4.5	3.0	4.6
127	5.2	3.5	5.3

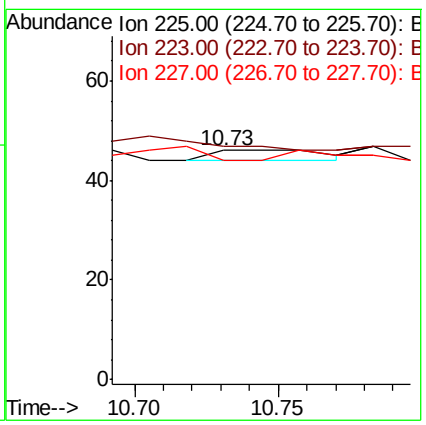


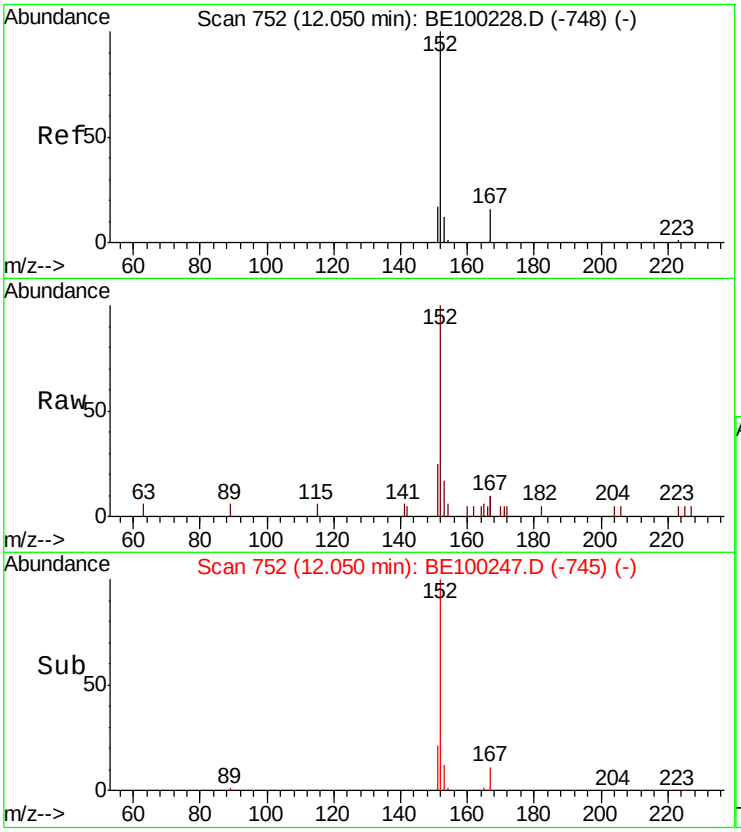


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.03 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.1	73.7#
227	0.0	49.3	73.9#



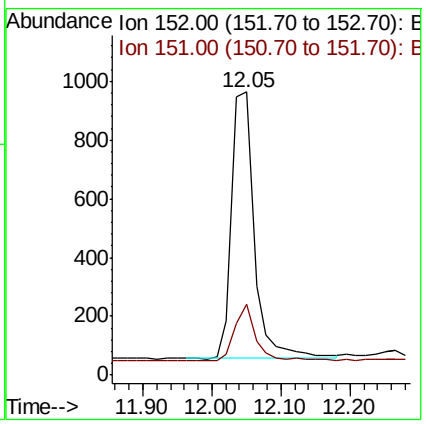


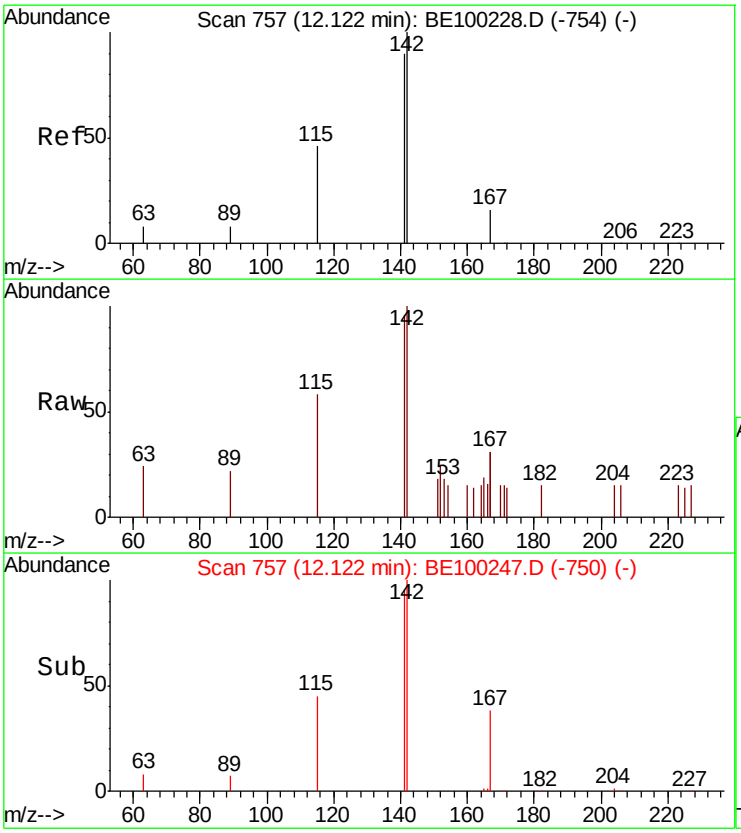
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:152 Resp: 2058

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.1	22.7

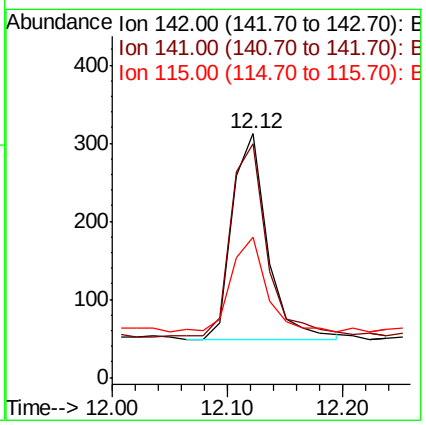


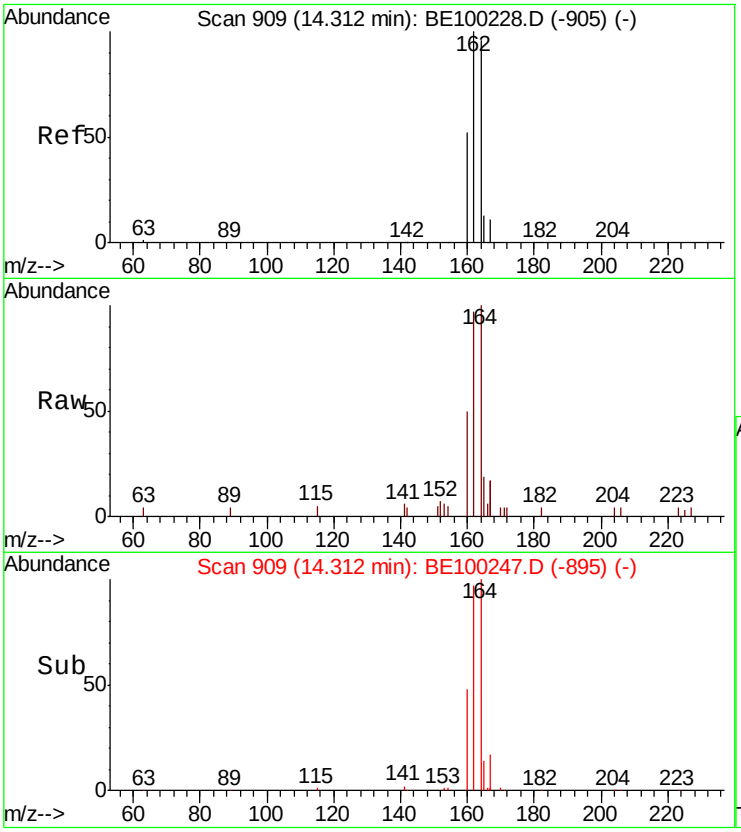


#12
2-Methylnaphthalene
Concen: 0.104 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:142 Resp: 554

Ion	Ratio	Lower	Upper
142	100		
141	96.2	72.4	108.6
115	57.7	40.4	60.6



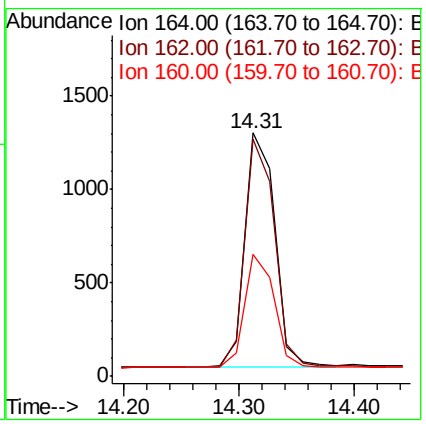


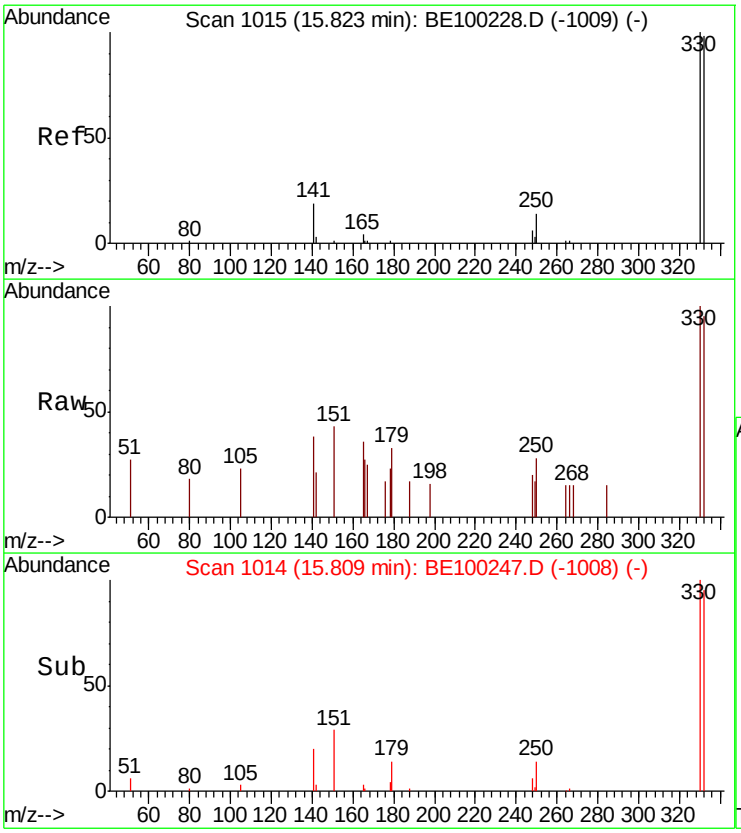
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:164 Resp: 2250

Ion	Ratio	Lower	Upper
164	100		
162	97.3	83.4	125.0
160	50.0	45.0	67.6

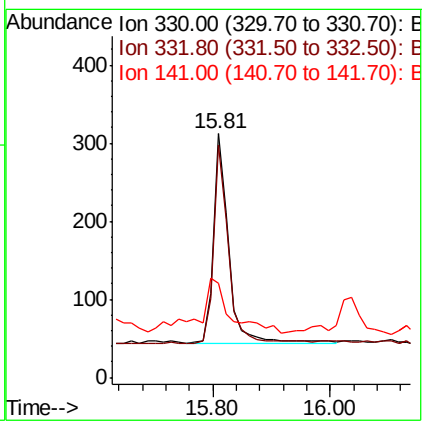


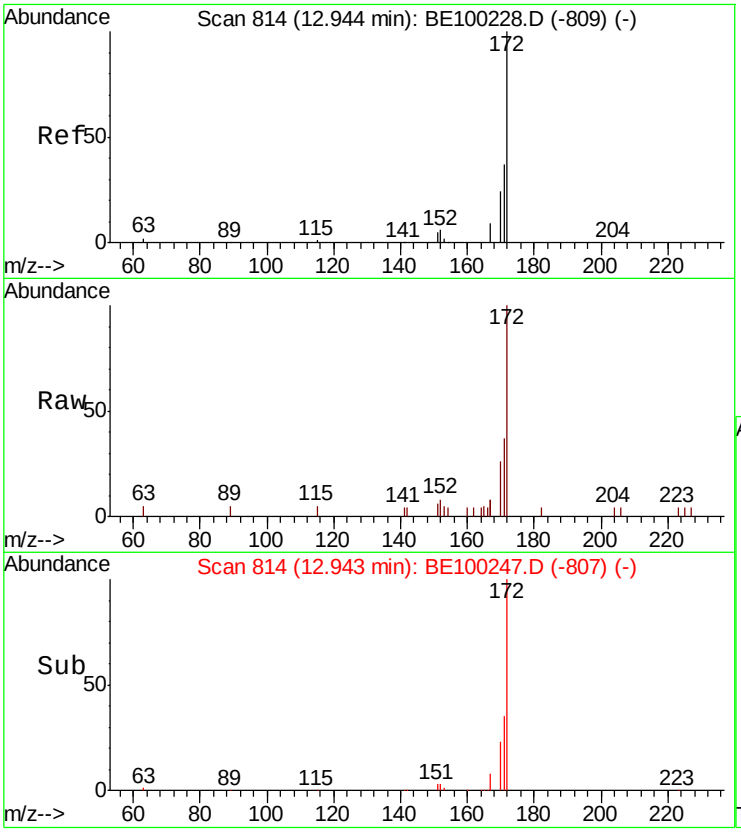


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.4
141	40.6	22.0	33.0#



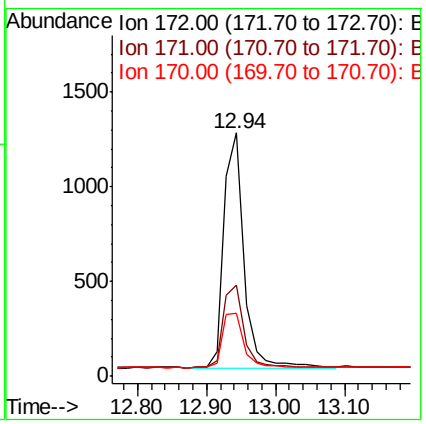


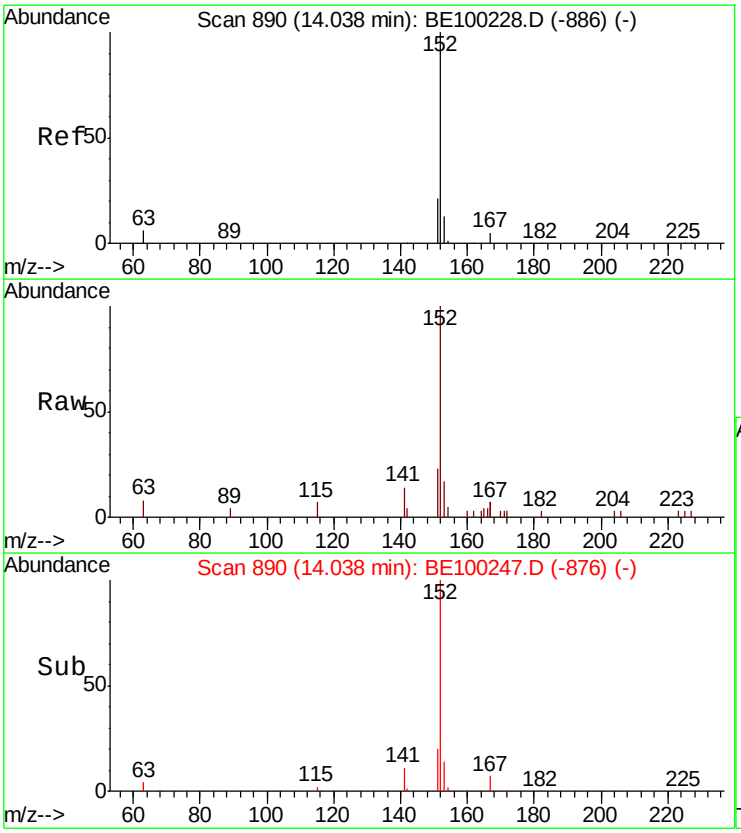
#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:172 Resp: 2508

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.9	47.9
170	26.1	22.2	33.2

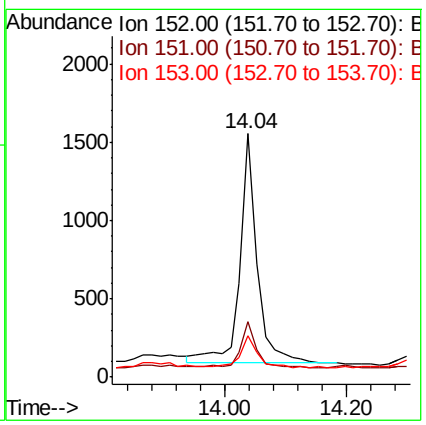


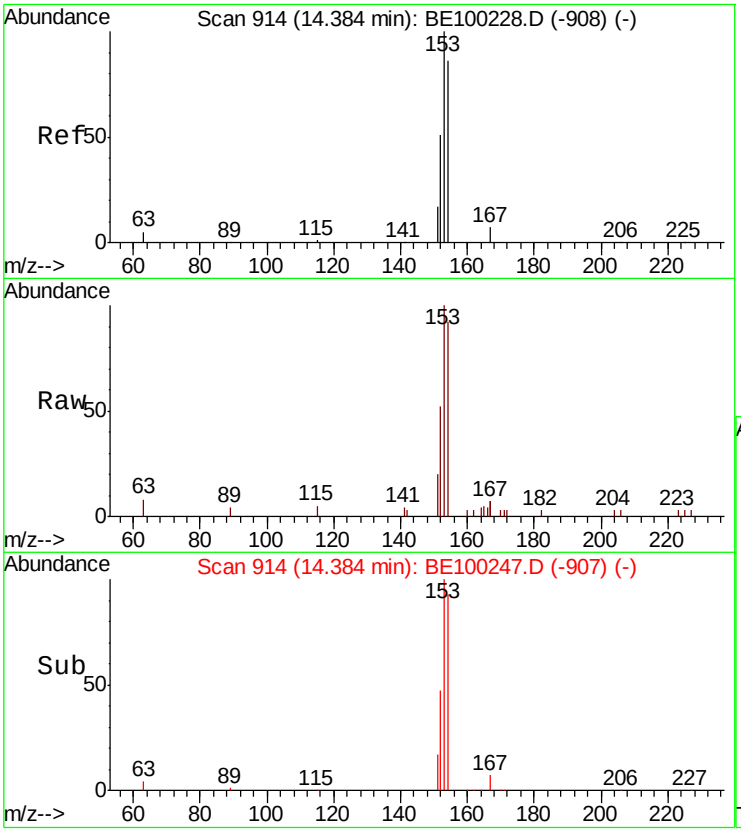


#16
Acenaphthylene
Concen: 0.268 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:152 Resp: 2892

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	25.0
153	13.8	10.5	15.7



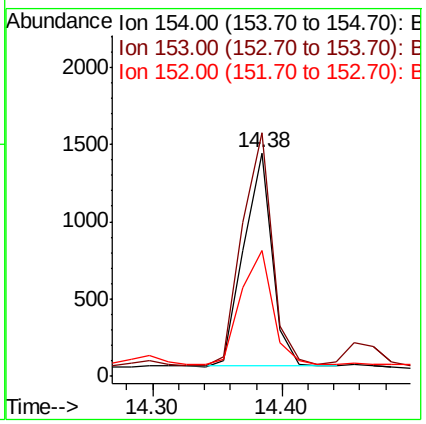


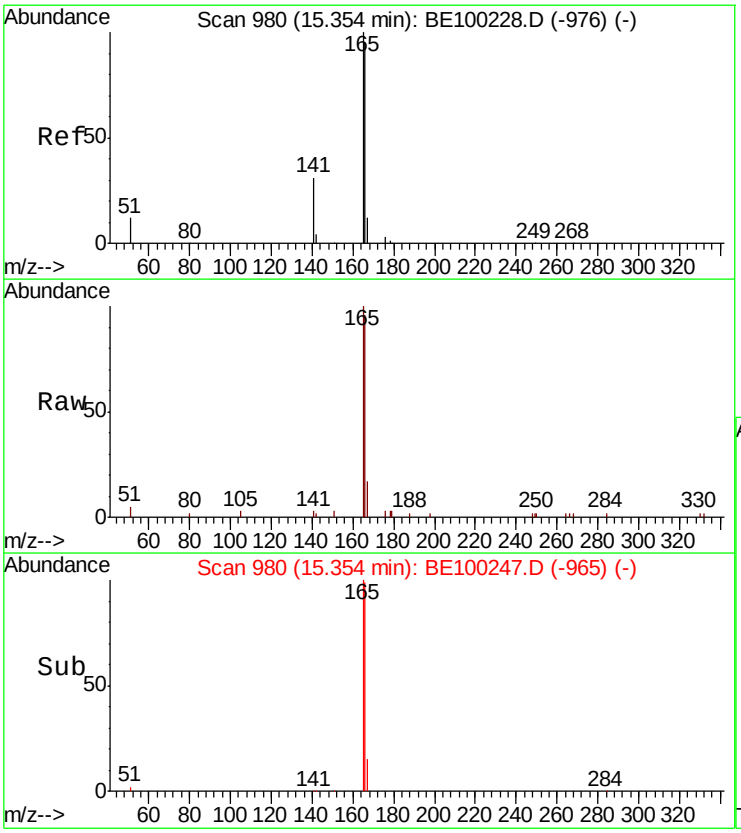
#17
Acenaphthene
Concen: 0.341 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:154 Resp: 2086

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.4	140.2
152	59.8	49.4	74.2

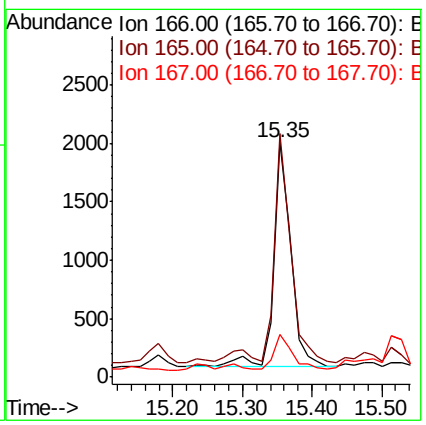


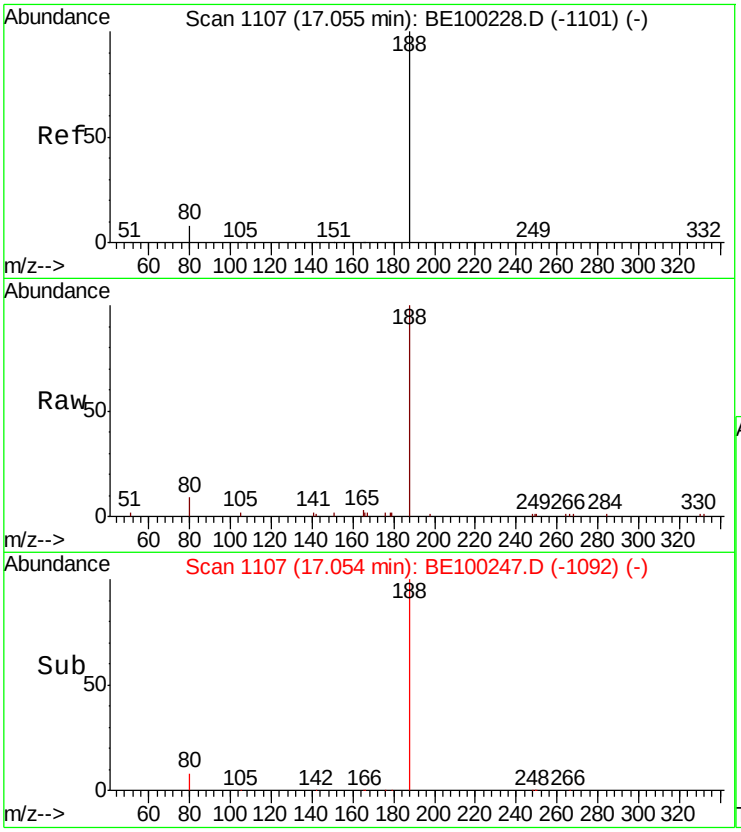


#18
Fluorene
Concen: 0.368 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:166 Resp: 3327

Ion	Ratio	Lower	Upper
166	100		
165	95.2	81.1	121.7
167	16.5	10.7	16.1#



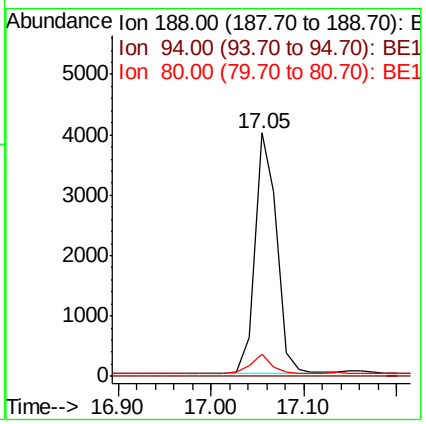


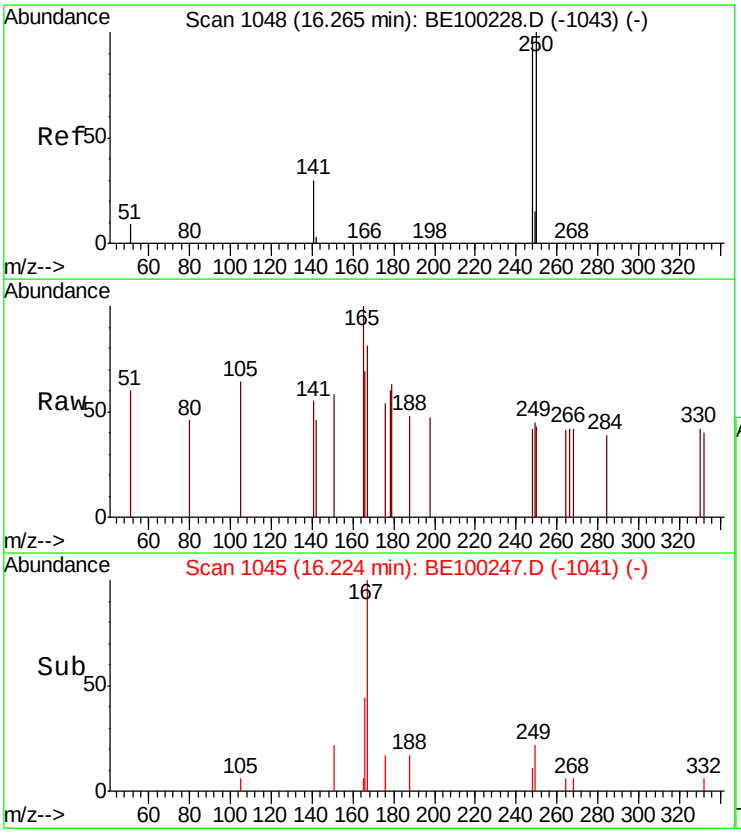
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:188 Resp: 6465

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.6	11.4

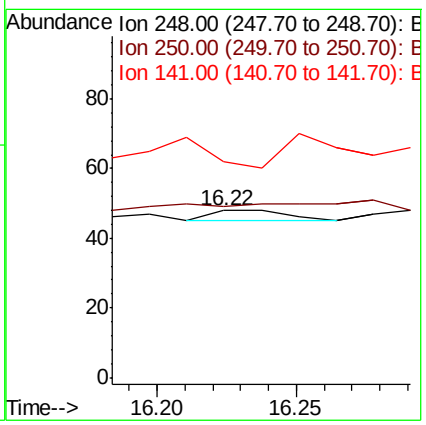


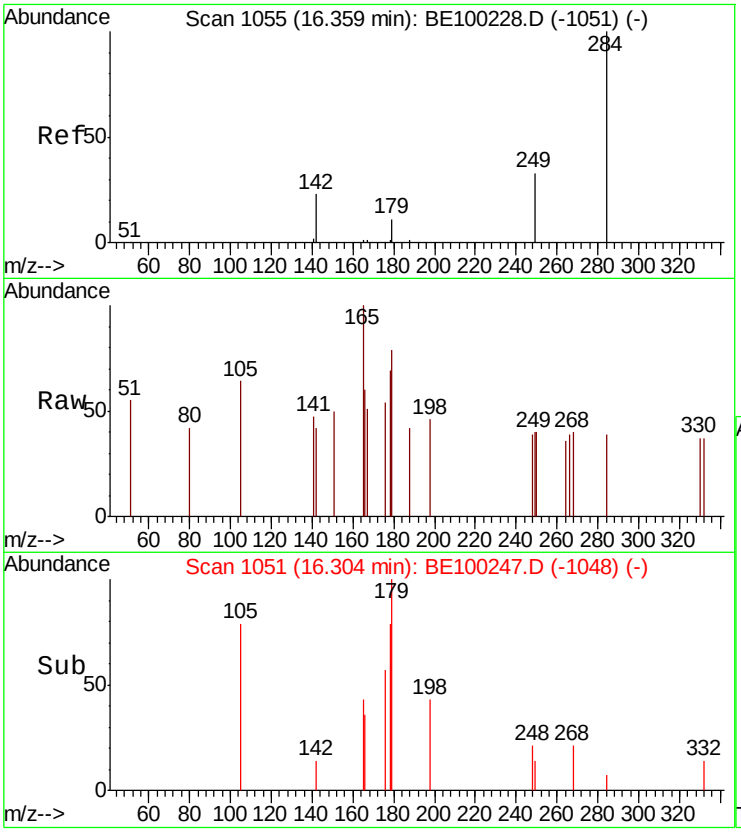


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.22 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	102.1	84.2	126.4
141	129.2	29.3	43.9#



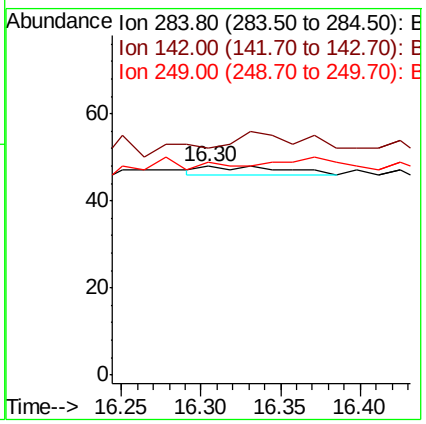


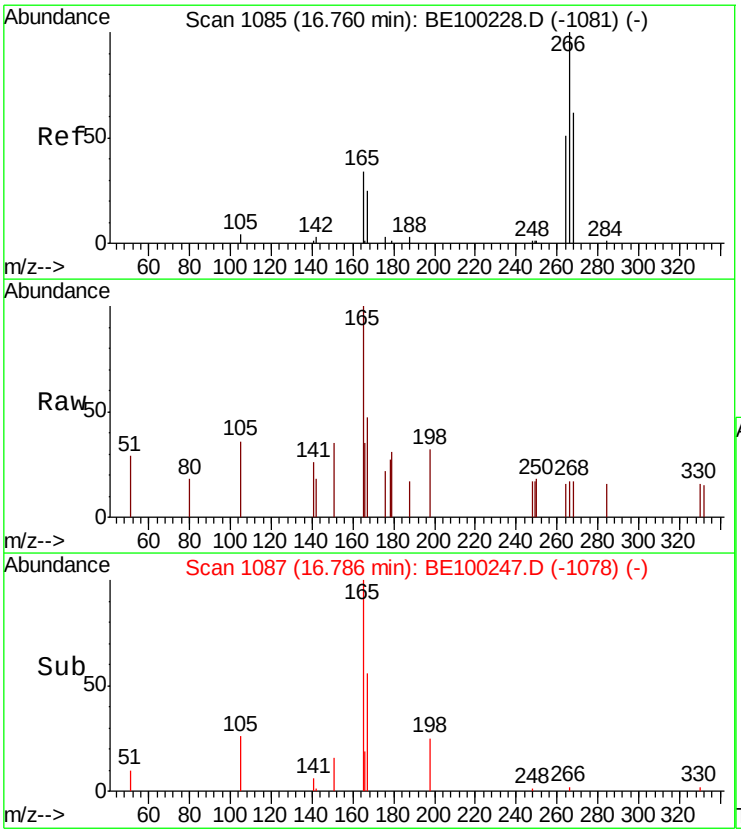
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.30 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.8	28.2#
249	0.0	23.7	35.5#

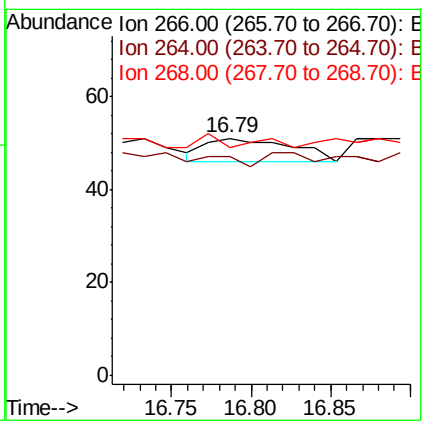


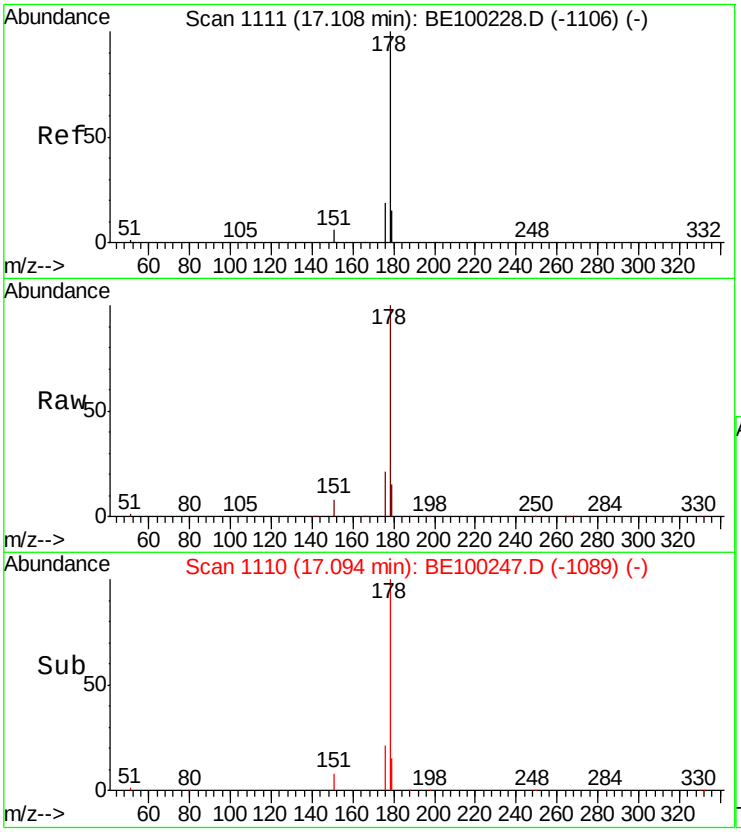


#22
Pentachlorophenol
Concen: 0.014 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.03 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
264	92.2	56.2	84.2#
268	96.1	61.8	92.6#



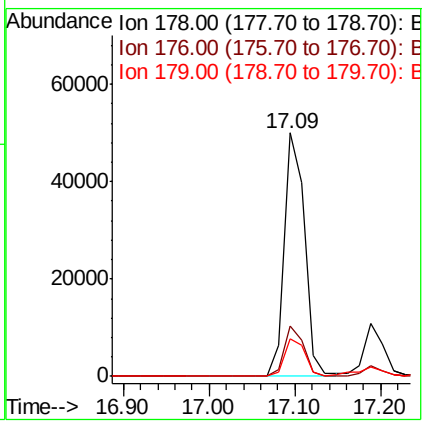


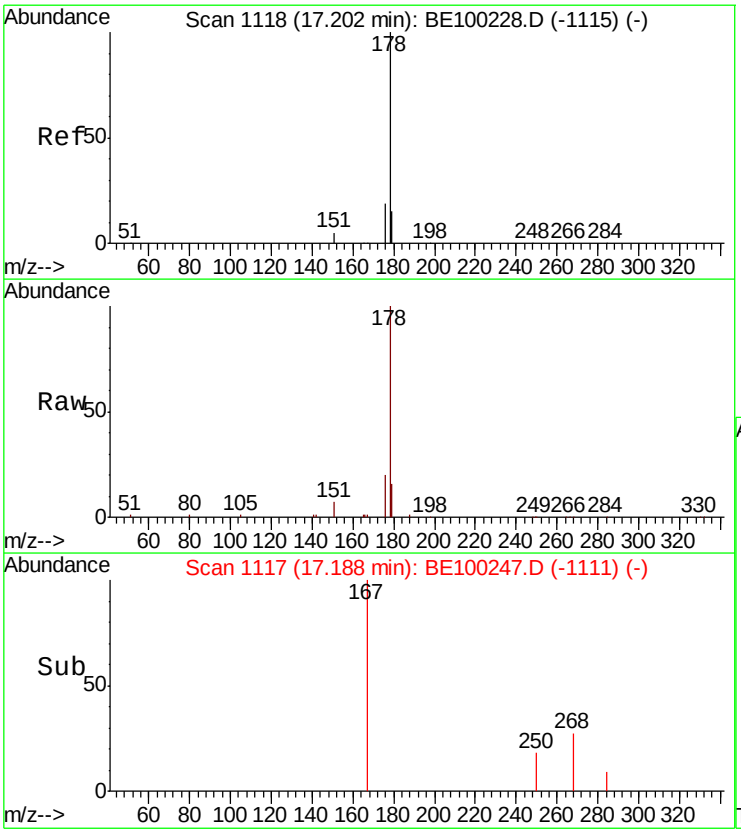
#23
Phenanthrene
Concen: 5.205 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:178 Resp: 81558

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.4	12.2	18.2

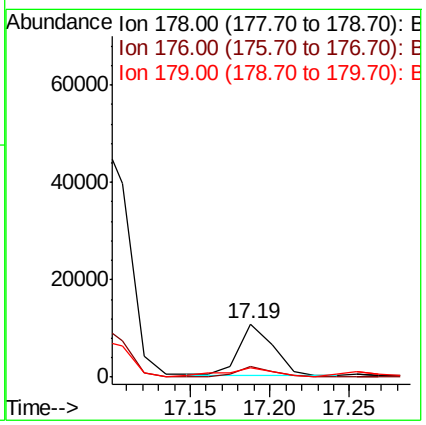


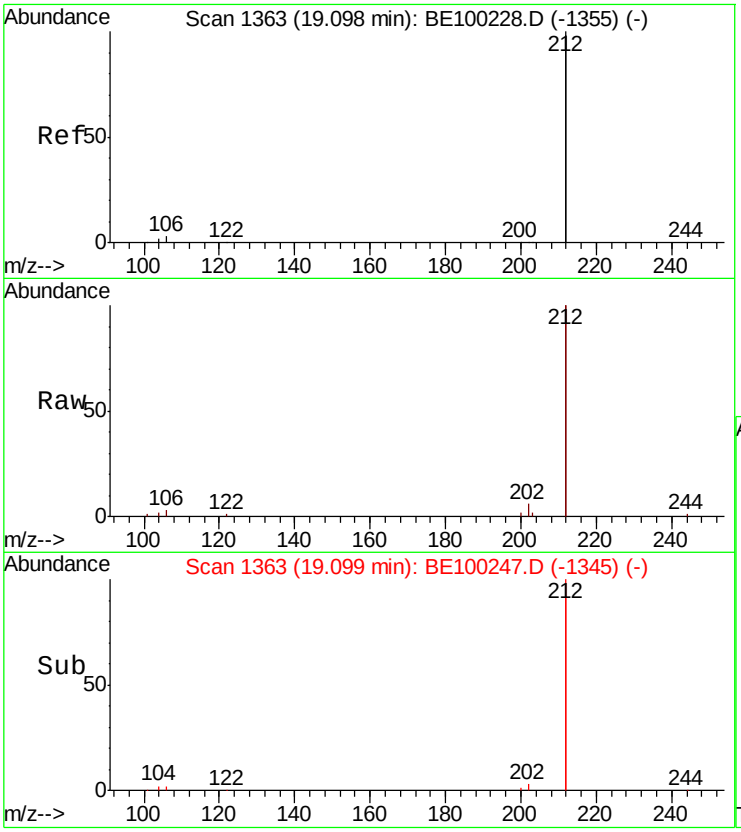


#24
Anthracene
Concen: 1.117 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:178 Resp: 15765

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	21.4	12.2	18.2#



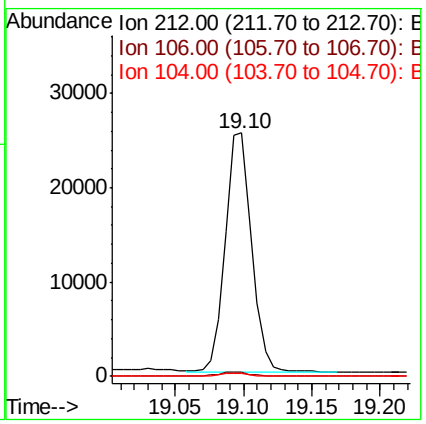


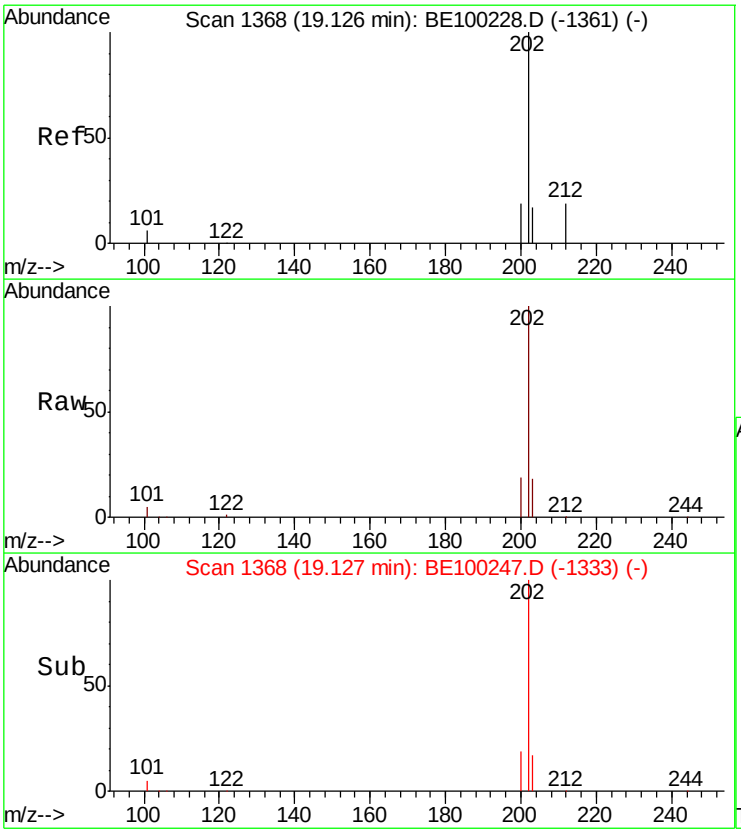
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:212 Resp: 34520

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	0.8	1.2

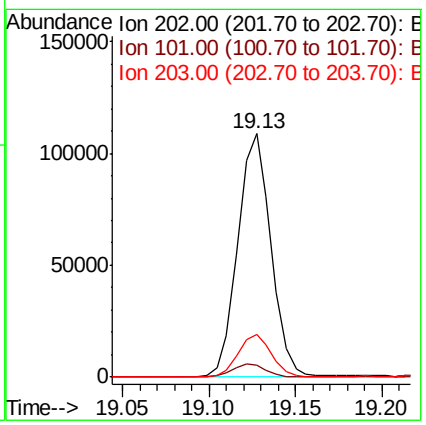


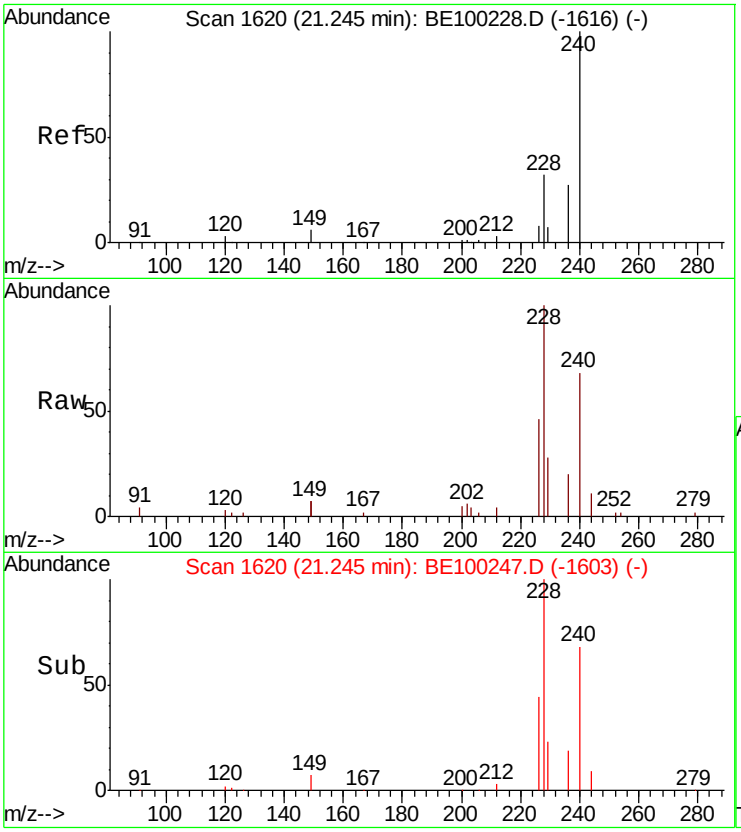


#26
Fluoranthene
Concen: 5.812 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:202 Resp: 145067

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	17.5	13.7	20.5



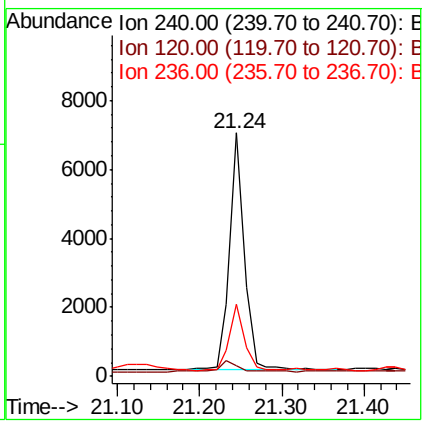


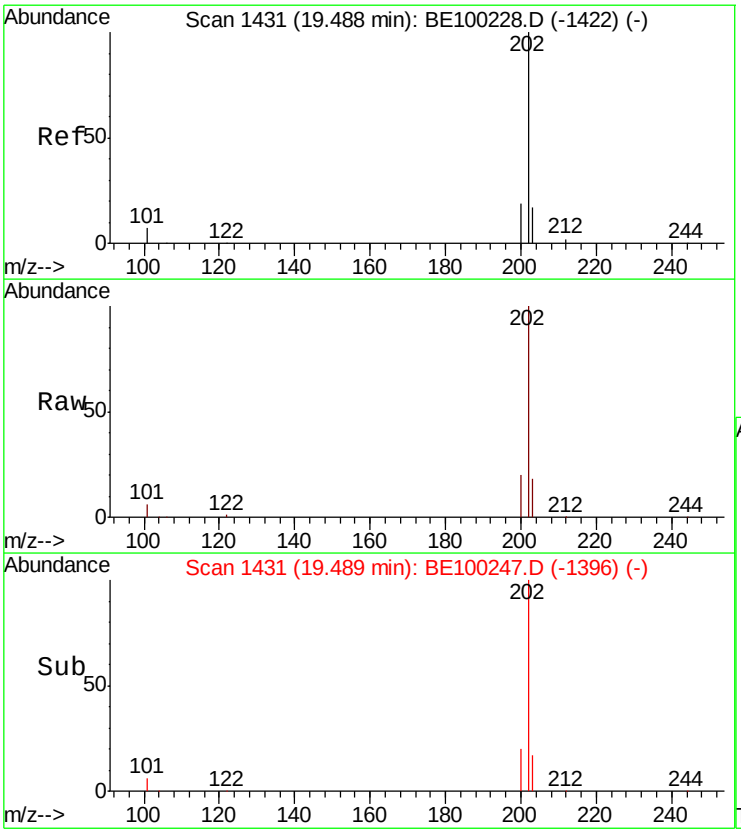
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:240 Resp: 8427

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.3	4.9
236	29.4	22.6	34.0

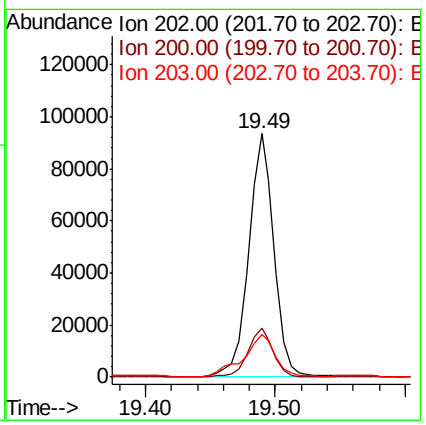


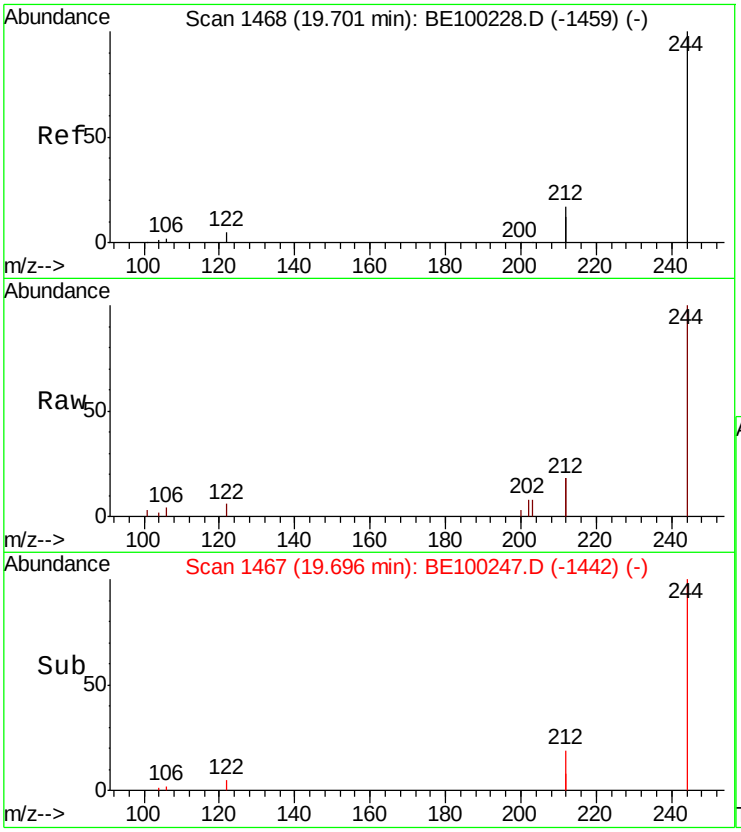


#28
Pyrene
Concen: 5.611 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:202 Resp: 125178

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	21.8	14.0	21.0#



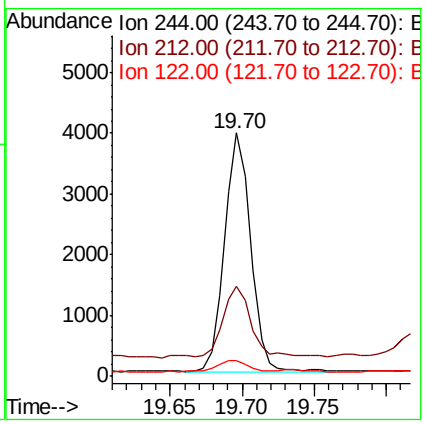


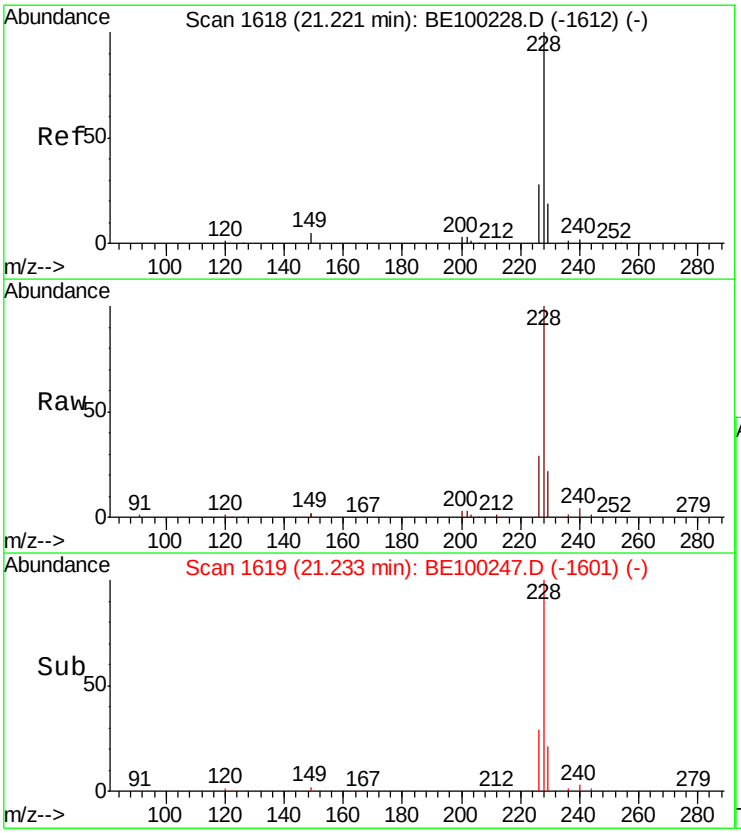
#29
Terphenyl-d14
Concen: 0.282 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:244 Resp: 4920

Ion	Ratio	Lower	Upper
244	100		
212	36.9	27.3	40.9
122	6.5	4.7	7.1

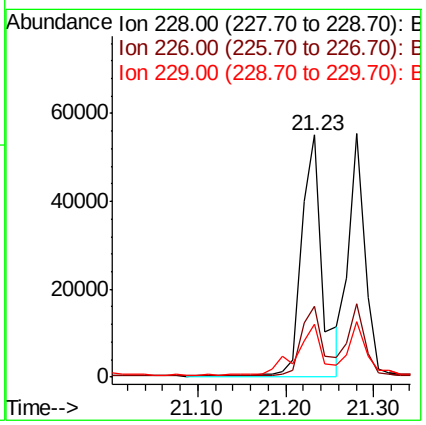


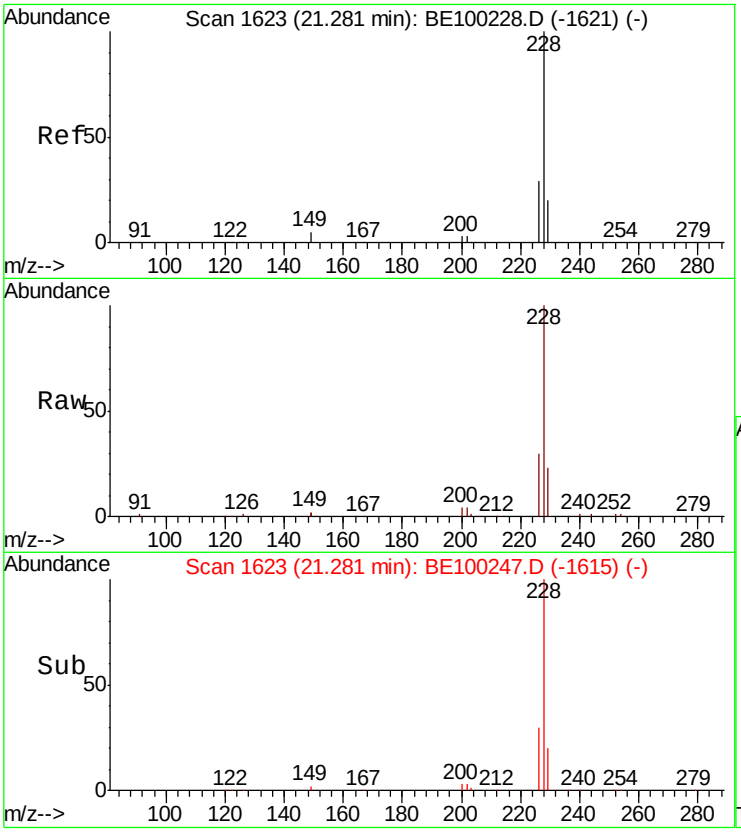


#30
Benzo(a)anthracene
Concen: 3.200 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:228 Resp: 88673

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	21.8	15.7	23.5



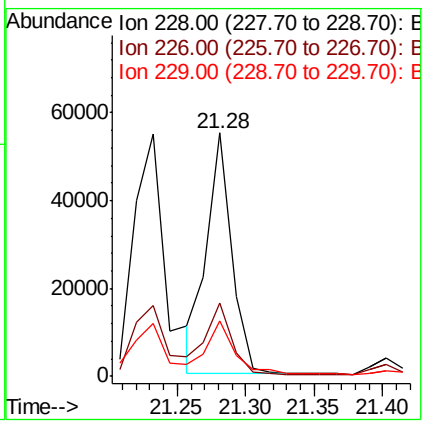


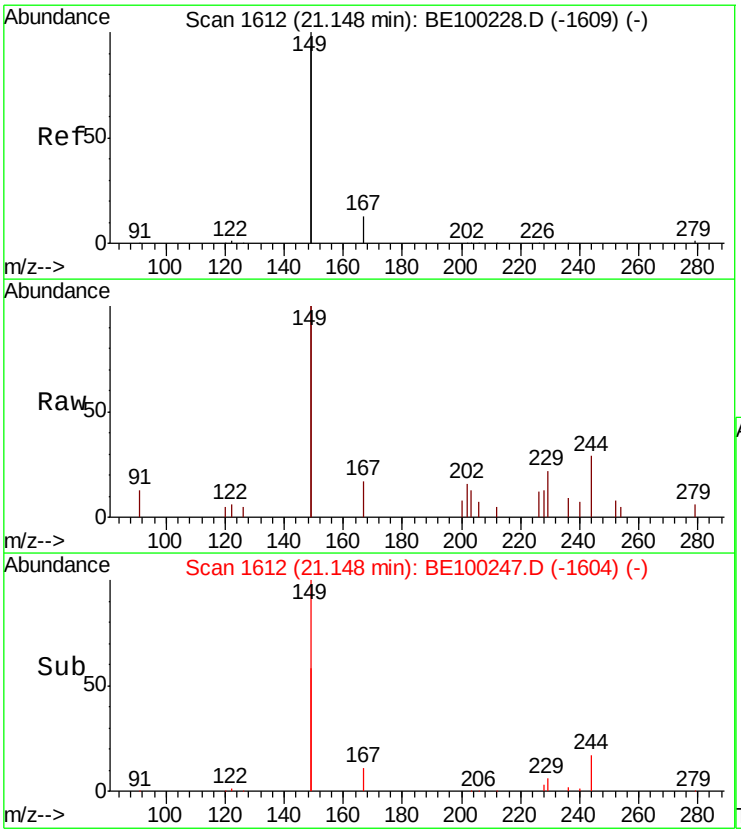
#31
Chrysene
Concen: 2.526 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:228 Resp: 70268

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	22.7	16.5	24.7

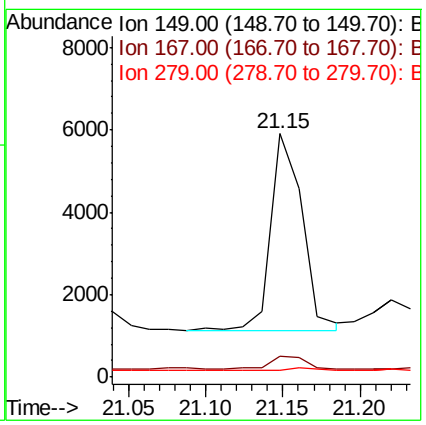


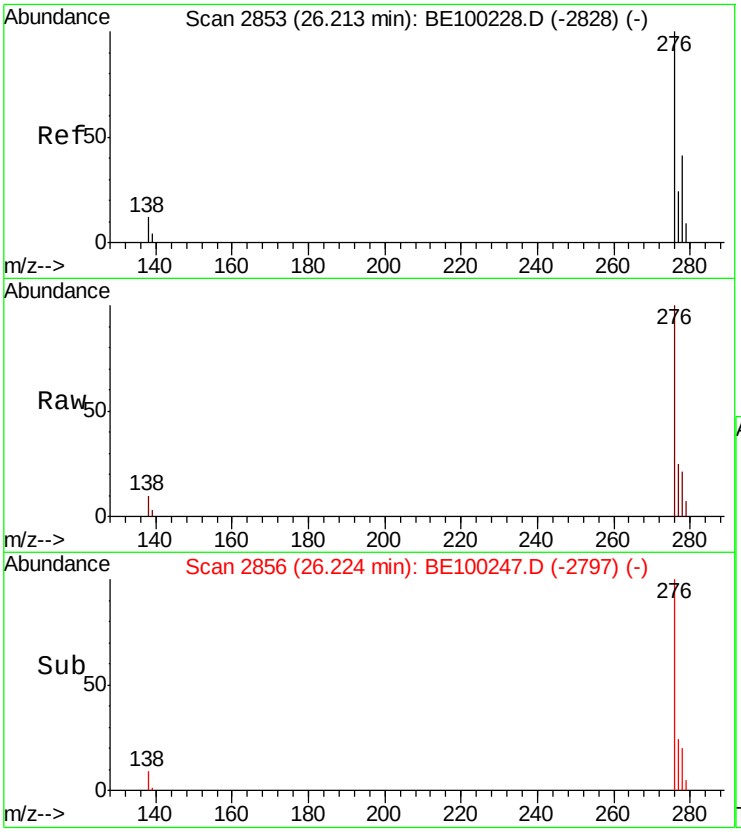


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:149 Resp: 6835

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.8
279	2.1	1.1	1.7#



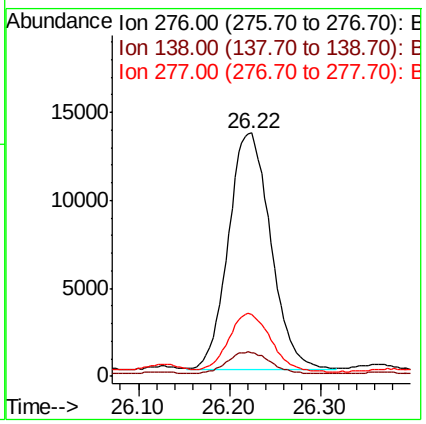


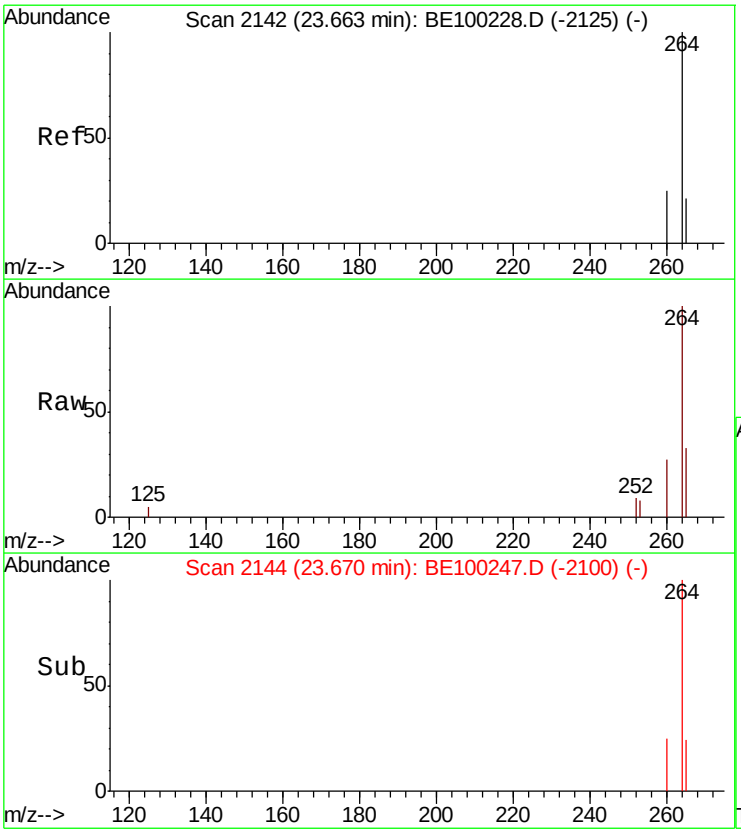
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.179 ng
RT: 26.22 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:276 Resp: 43402

Ion	Ratio	Lower	Upper
276	100		
138	9.2	9.4	14.0#
277	24.7	19.2	28.8

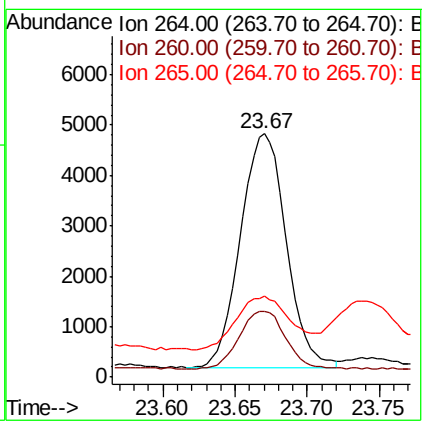


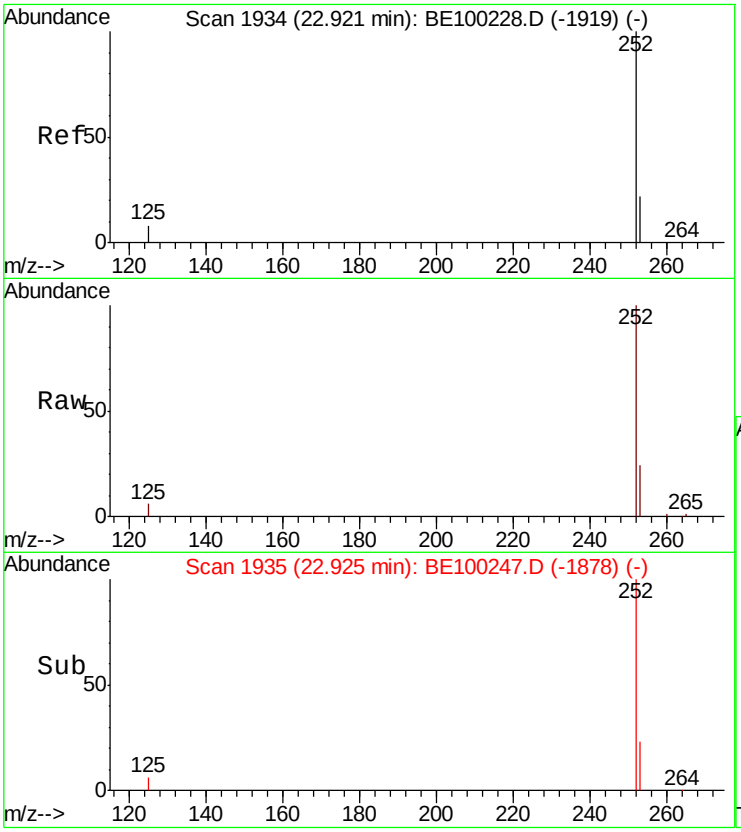


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:264 Resp: 10042

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.8	31.2
265	33.2	21.8	32.6#



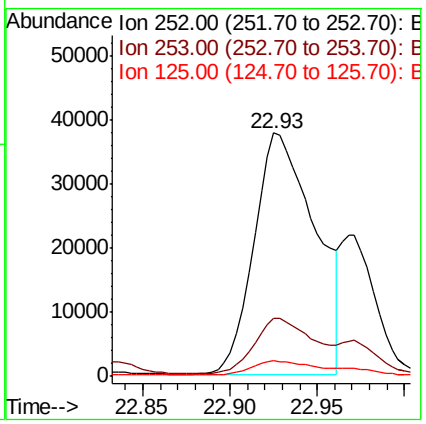


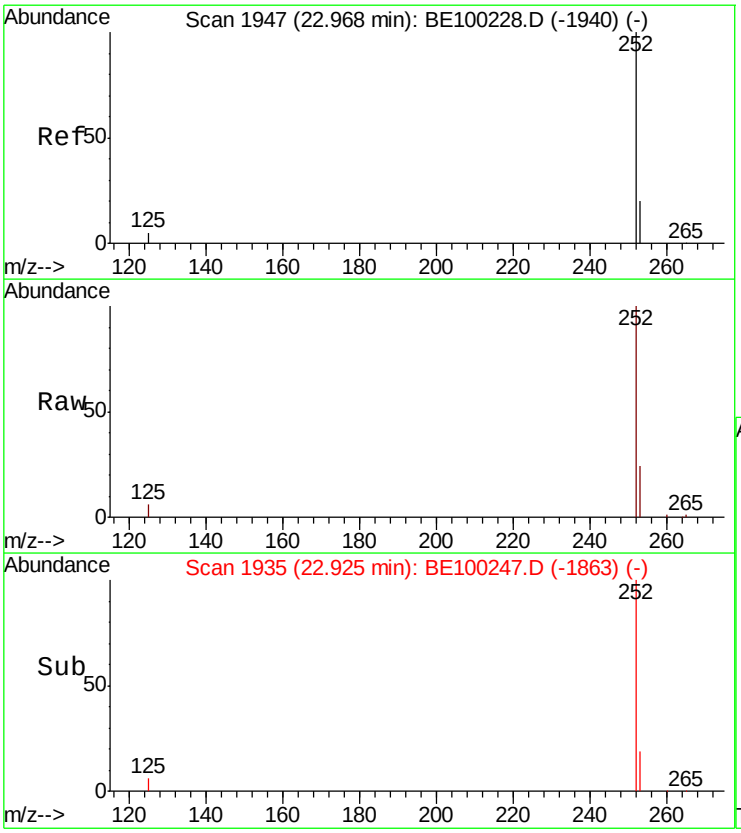
#35
Benzo(b)fluoranthene
Concen: 3.363 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:252 Resp: 91560

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	6.4	7.4	11.0#

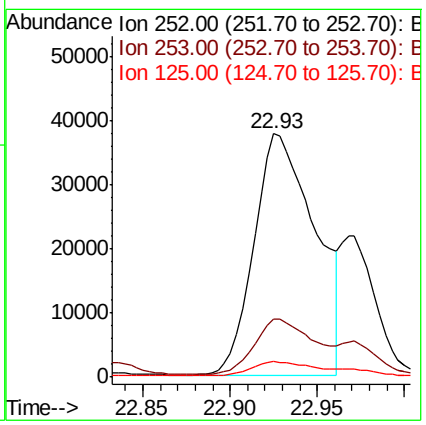


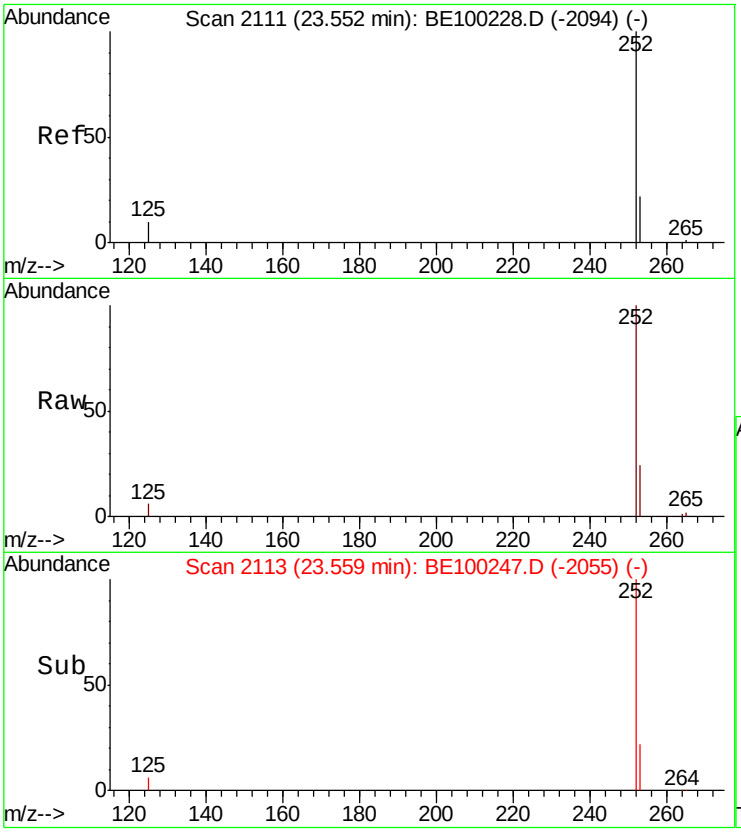


#36
Benzo(k)fluoranthene
Concen: 3.013 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:252 Resp: 91560

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	6.4	5.0	7.4



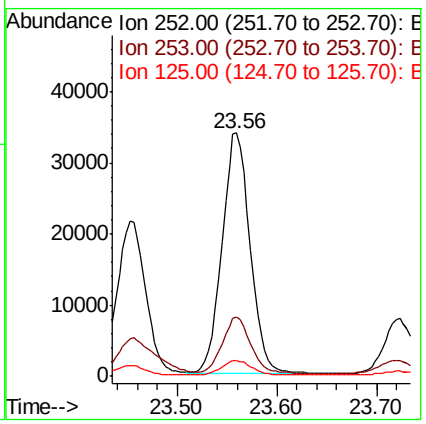


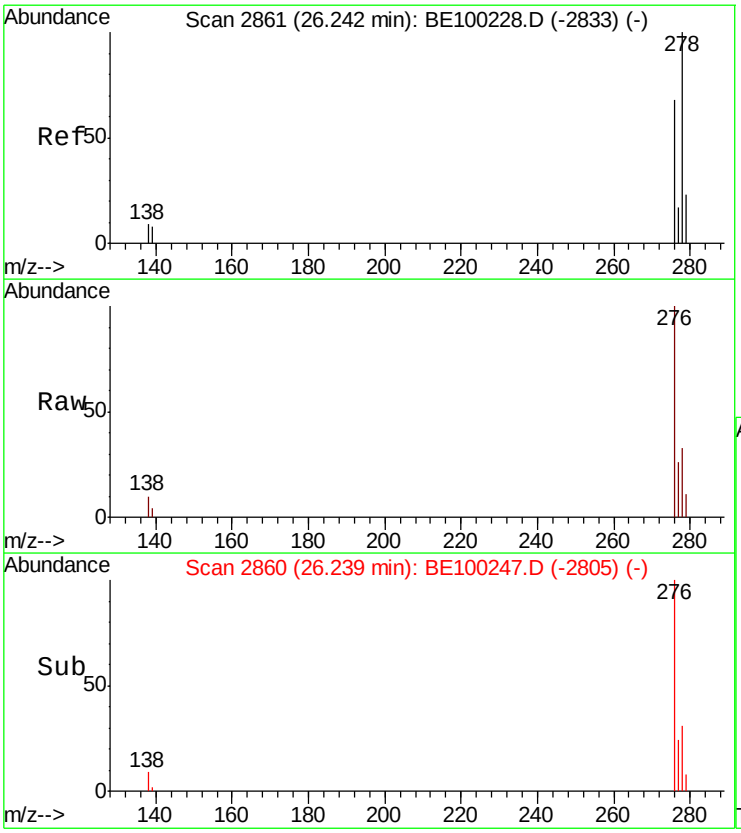
#37
Benzo(a)pyrene
Concen: 2.408 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:252 Resp: 65704

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	6.4	9.0	13.6#

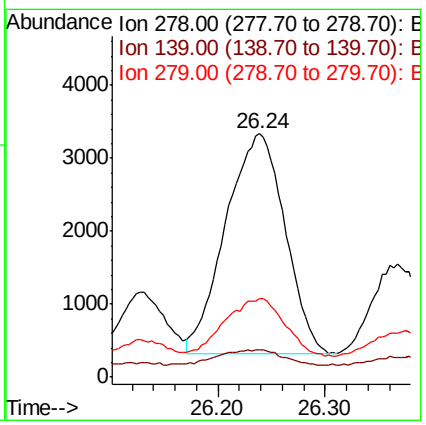


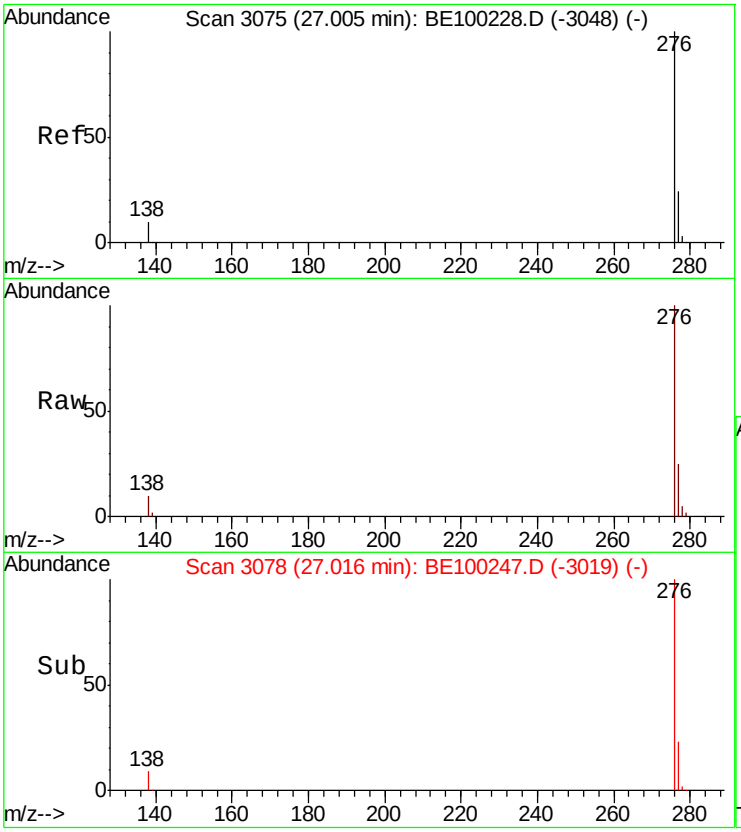


#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:278 Resp: 11522

Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.2	12.2
279	32.3	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.386 ng
RT: 27.02 min Scan# 3078
Delta R.T. 0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:276 Resp: 40567

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.2	30.2
138	10.3	9.0	13.6