Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100382.D
Acq On : 5 Jul 2019 15:32
Operator : JU/SJ
Sample : K3558-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-032-SW174-062519

Quant Time: Jul 06 00:12:13 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	7.62	152	674	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	2313	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1735	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5553	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	7372	0.40	ng		-0.01
34) Perylene-d12	23.65	264	8664	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	456	0.27	ng		-0.01
5) Phenol-d6	6.81	99	625	0.28	ng		-0.02
8) Nitrobenzene-d5	8.80	82	448	0.19	ng		-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1014	0.23	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	351	0.29	ng		-0.03
15) 2-Fluorobiphenyl	12.92	172	1550	0.23	ng		-0.03
25) Fluoranthene-d10	19.08	212	15546	0.19	ng		-0.02
29) Terphenyl-d14	19.68	244	3069	0.20	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.47	42	19	0.039	ng	#	1
9) Naphthalene	10.47	128	1858	0.073	ng	#	89
12) 2-Methylnaphthalene	12.11	142	309	0.069	ng	#	90
16) Acenaphthylene	14.02	152	1339	0.161	ng		97
17) Acenaphthene	14.37	154	274	0.058	ng	#	88
18) Fluorene	15.34	166	637	0.091	ng	#	91
23) Phenanthrene	17.08	178	25066	1.862	ng		100
24) Anthracene	17.17	178	1979	0.163	ng	#	91
26) Fluoranthene	19.11	202	44722	2.086	ng		99
28) Pyrene	19.47	202	65632	3.363	ng		96
30) Benzo(a)anthracene	21.21	228	29607	1.221	ng		95
31) Chrysene	21.27	228	39797	1.635	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	51048	1.432	ng		100
33) Indeno(1,2,3-cd)pyrene	26.20	276	17971	0.558	ng	#	97
35) Benzo(b)fluoranthene	22.91	252	33699	1.435	ng	#	98
36) Benzo(k)fluoranthene	22.91	252	33699	1.285	ng		97
37) Benzo(a)pyrene	23.54	252	25944	1.102	ng	#	97
38) Dibenzo(a,h)anthracene	26.20	278	4790	0.195	ng	#	77
39) Benzo(g,h,i)perylene	26.98	276	22017	0.872	ng		99

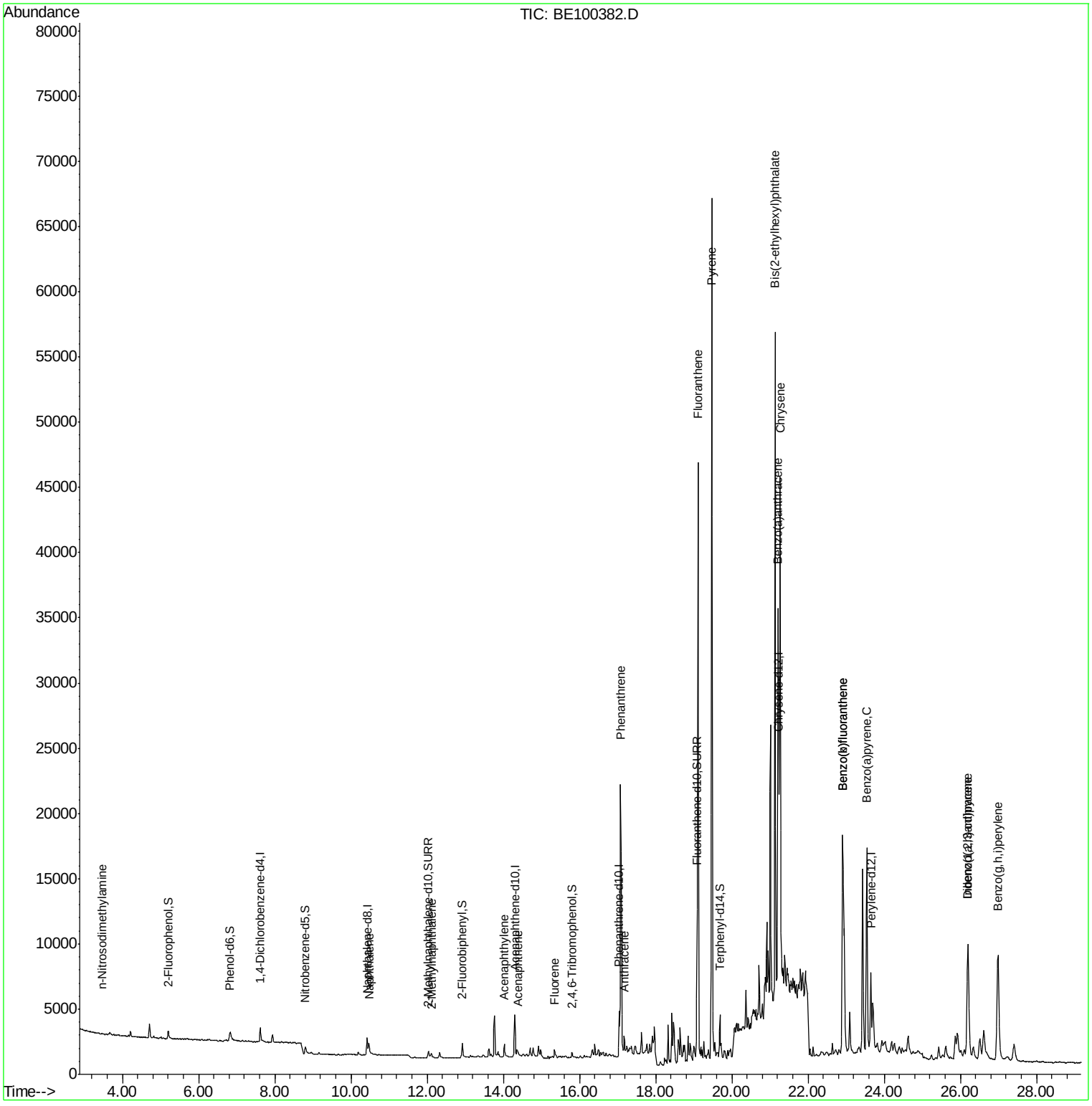
(#) = qualifier out of range (m) = manual integration (+) = signals summed

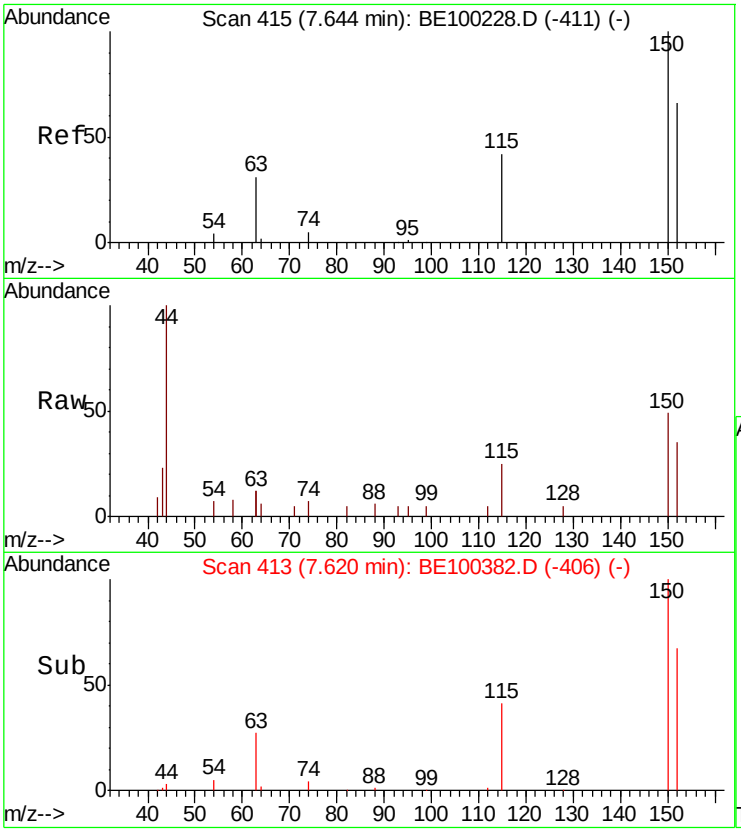
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100382.D
Acq On : 5 Jul 2019 15:32
Operator : JU/SJ
Sample : K3558-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Quant Time: Jul 06 00:12:13 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



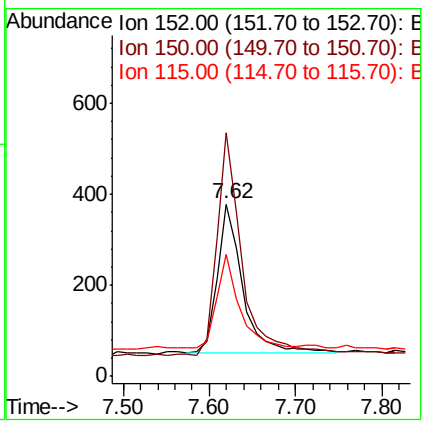


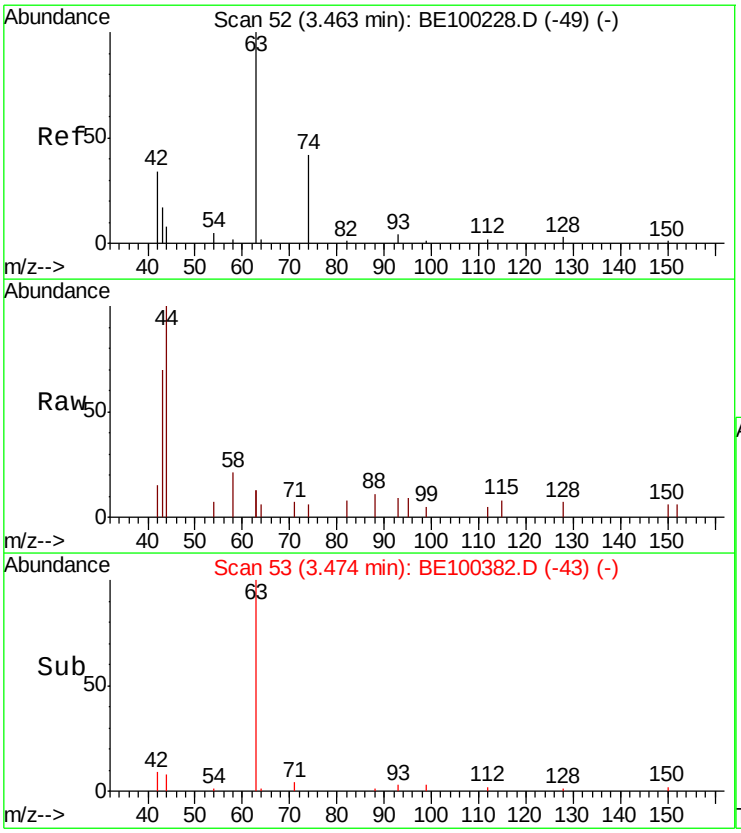
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:152 Resp: 674

Ion	Ratio	Lower	Upper
152	100		
150	141.5	114.5	171.7
115	70.6	57.1	85.7

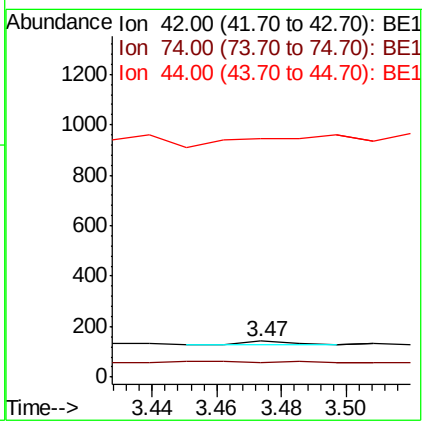


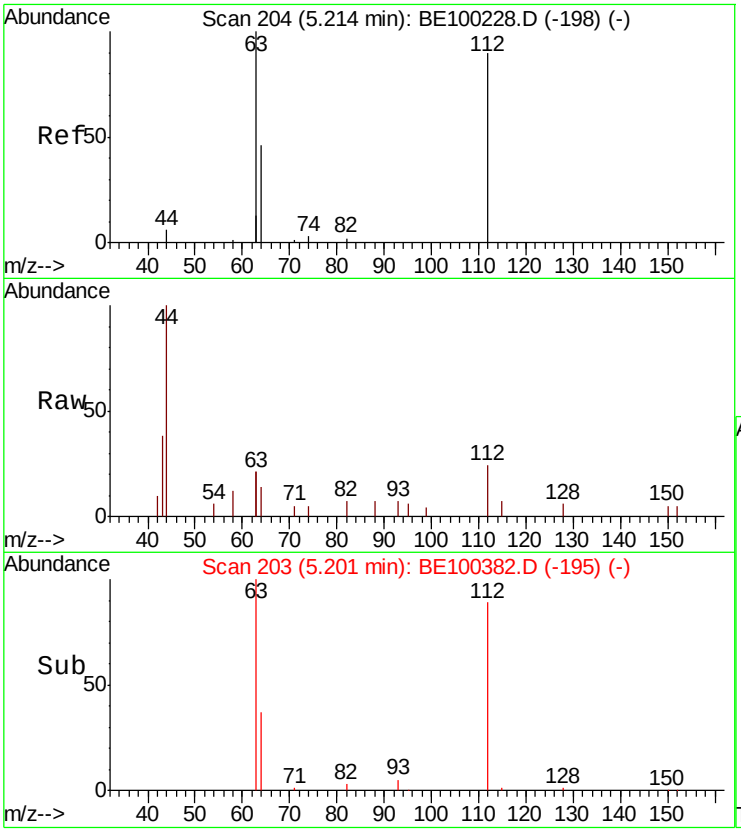


#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.47 min Scan# 53
Delta R.T. 0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion: 42 Resp: 19

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



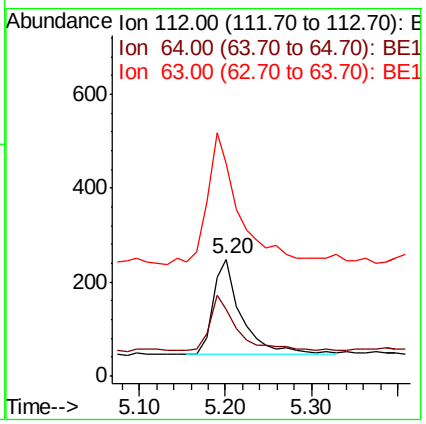


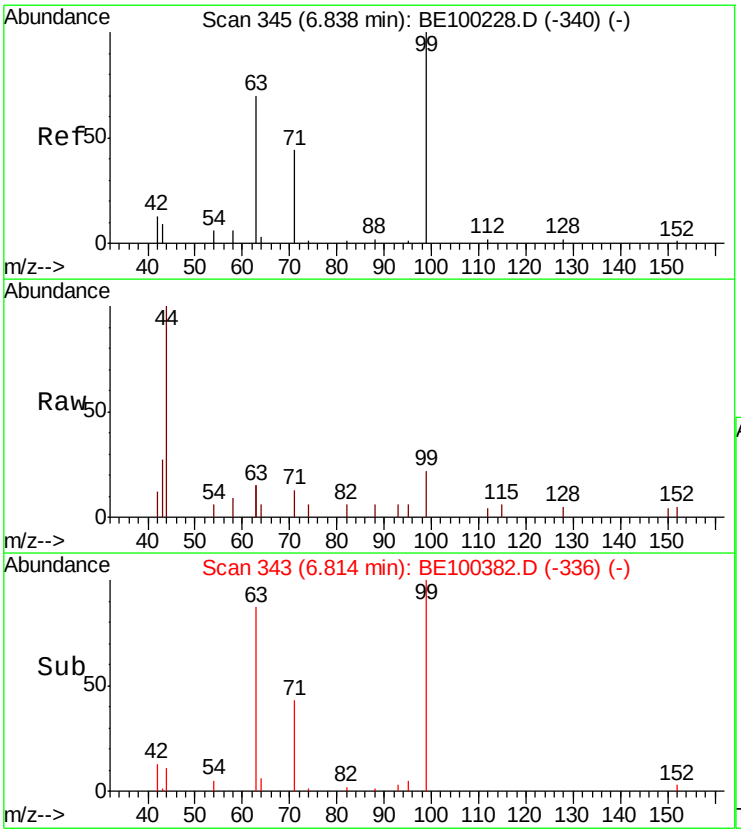
#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:112 Resp: 456

Ion	Ratio	Lower	Upper
112	100		
64	56.6	39.4	59.0
63	157.7	104.5	156.7#

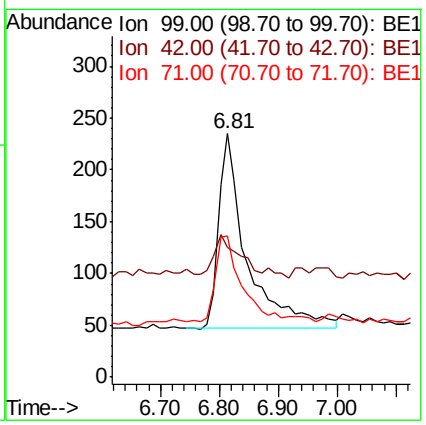


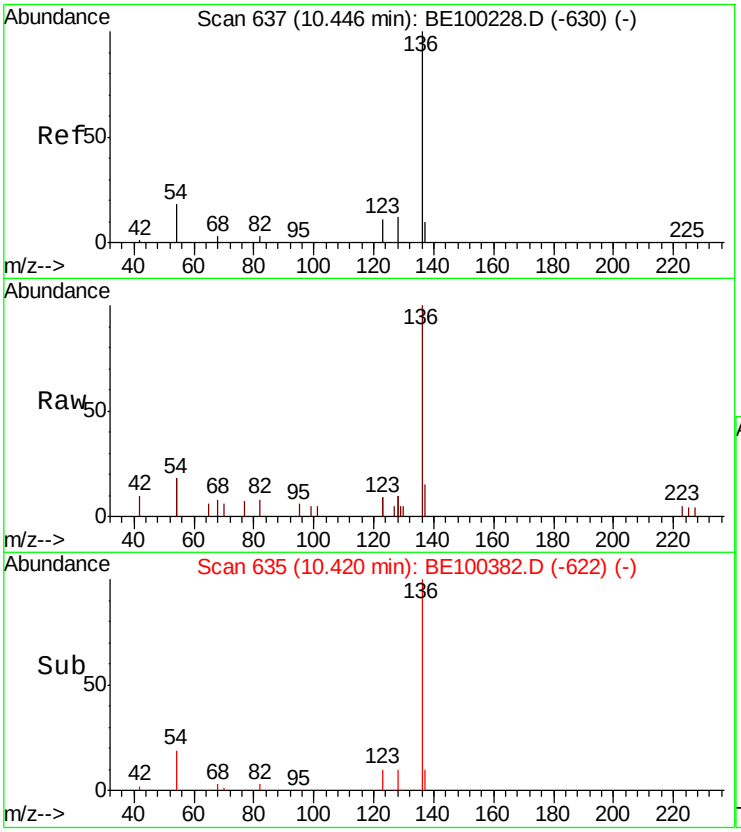


#5
Phenol-d6
Concen: 0.276 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion: 99 Resp: 625

Ion	Ratio	Lower	Upper
99	100		
42	16.3	11.2	16.8
71	40.5	37.2	55.8



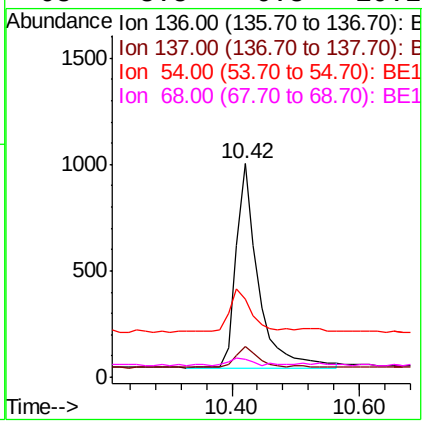


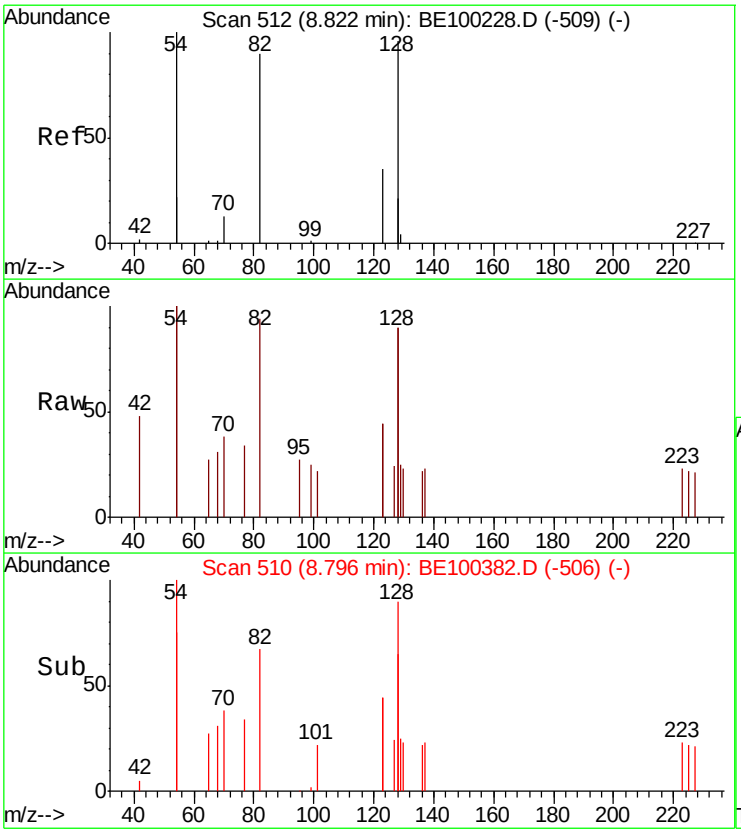
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:136 Resp: 2313

Ion	Ratio	Lower	Upper
136	100		
137	14.6	11.8	17.8
54	36.9	27.7	41.5
68	8.5	6.8	10.2

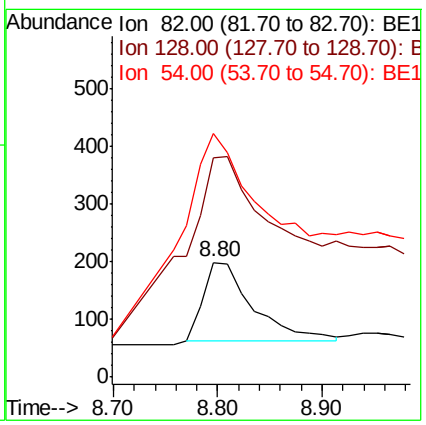


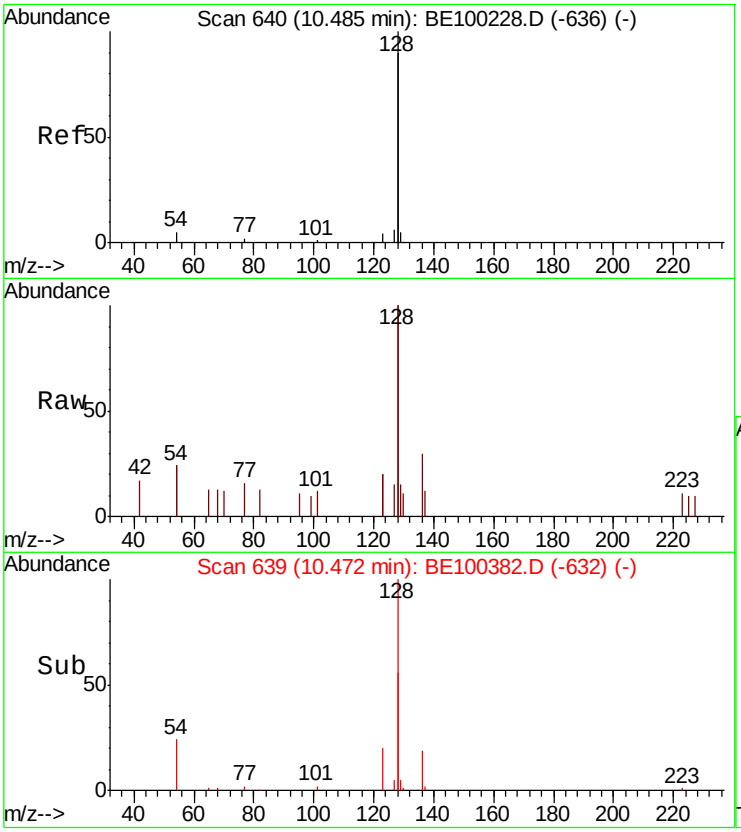


#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion: 82 Resp: 448

Ion	Ratio	Lower	Upper
82	100		
128	191.0	140.9	211.3
54	212.1	146.2	219.2



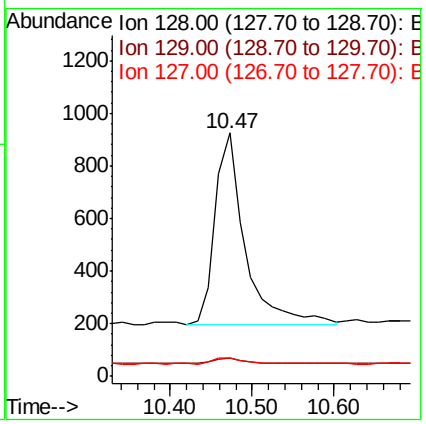


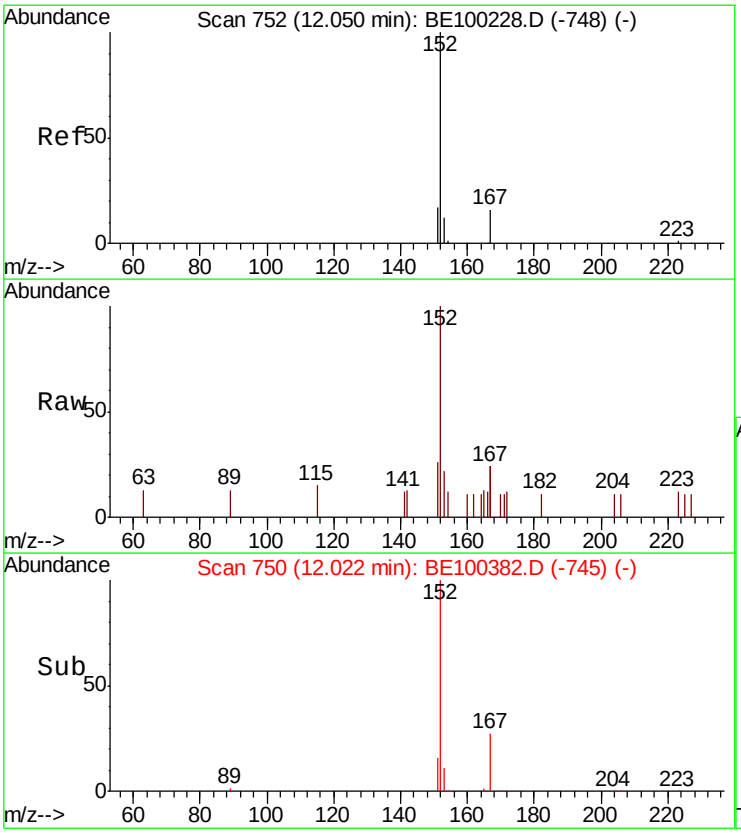
#9
Naphthalene
Concen: 0.073 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:128 Resp: 1858

Ion	Ratio	Lower	Upper
128	100		
129	7.7	3.0	4.6#
127	7.7	3.5	5.3#

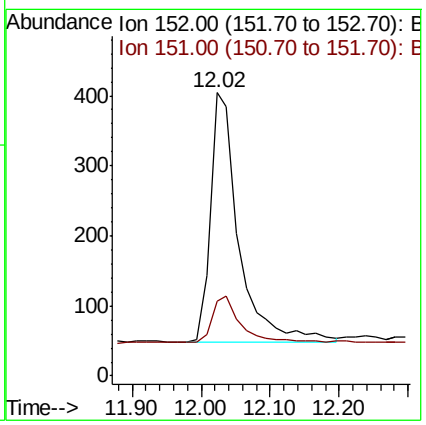


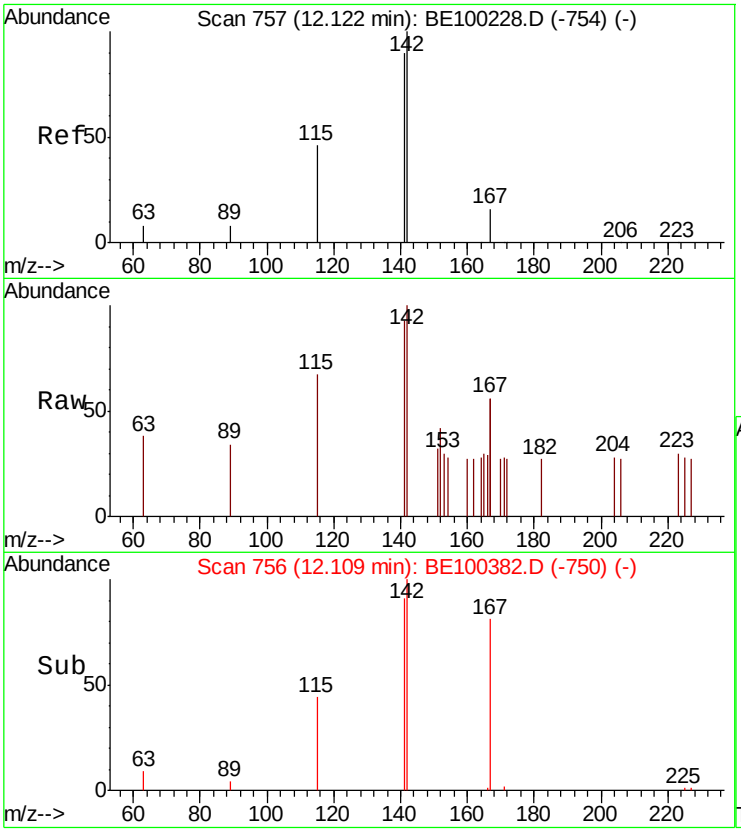


#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:152 Resp: 1014

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.1	22.7



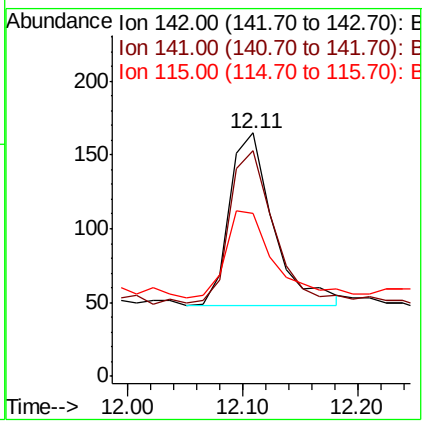


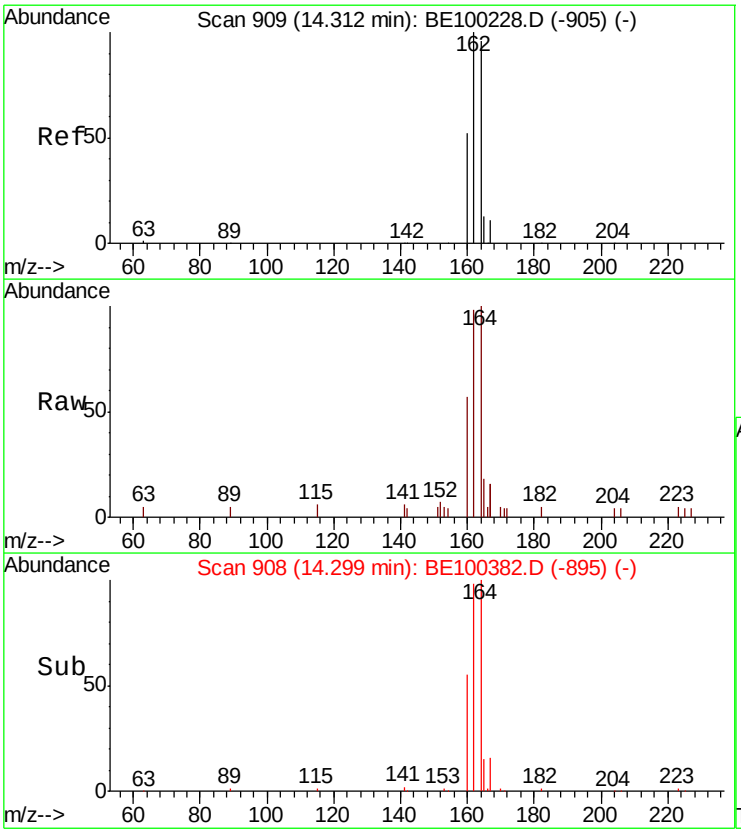
#12
2-Methylnaphthalene
Concen: 0.069 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:142 Resp: 309

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.4	108.6
115	66.7	40.4	60.6#

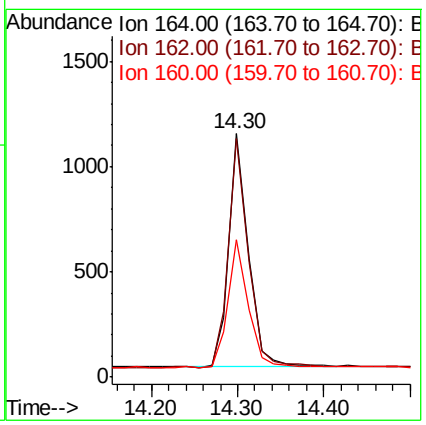


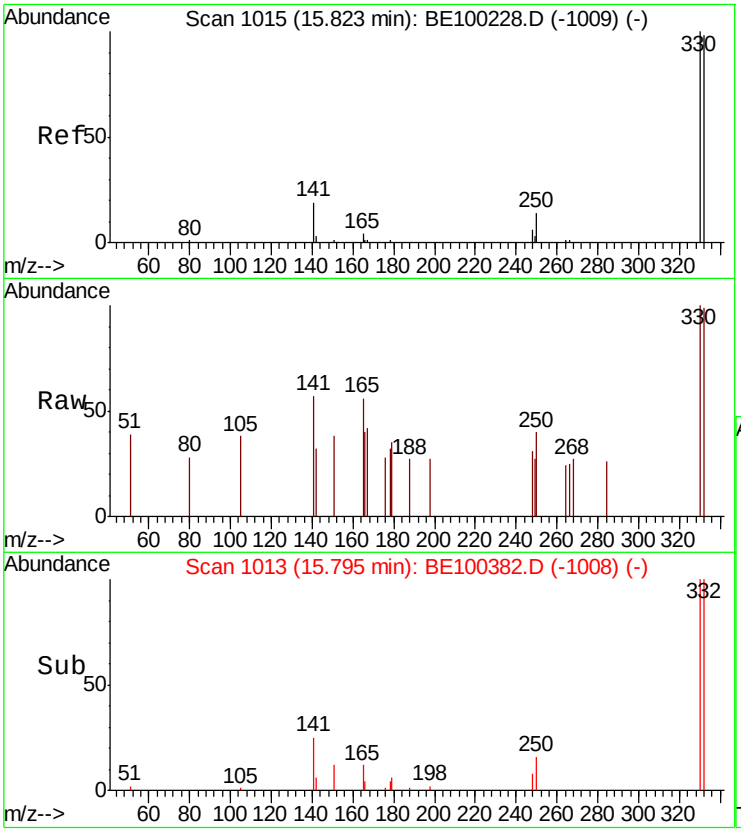


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:164 Resp: 1735

Ion	Ratio	Lower	Upper
164	100		
162	97.8	83.4	125.0
160	56.6	45.0	67.6



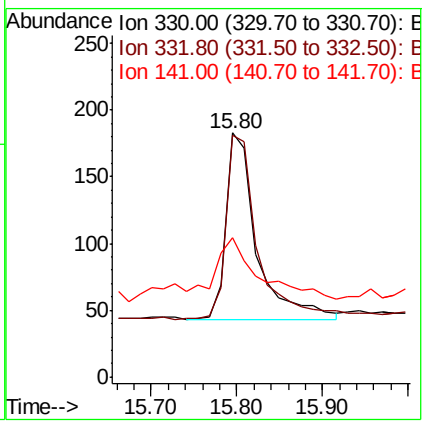


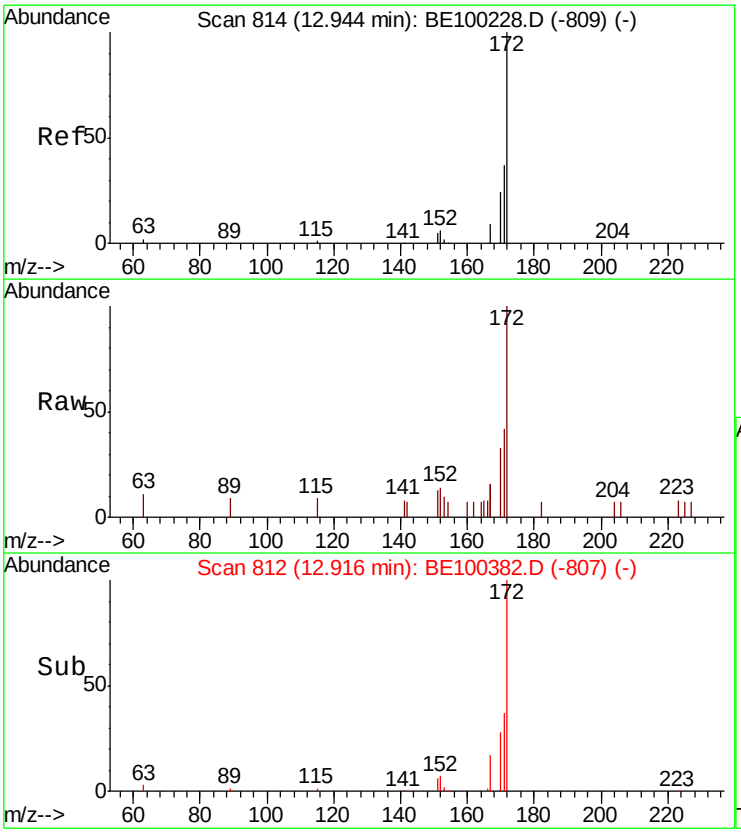
#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:330 Resp: 351

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.4
141	46.2	22.0	33.0#

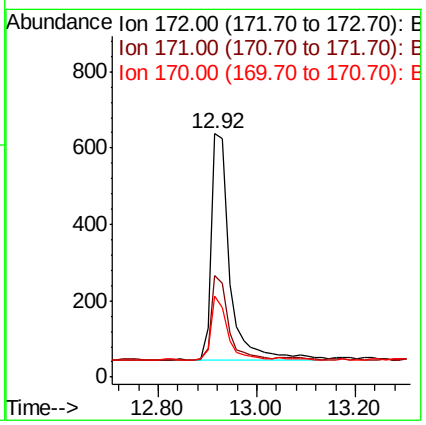


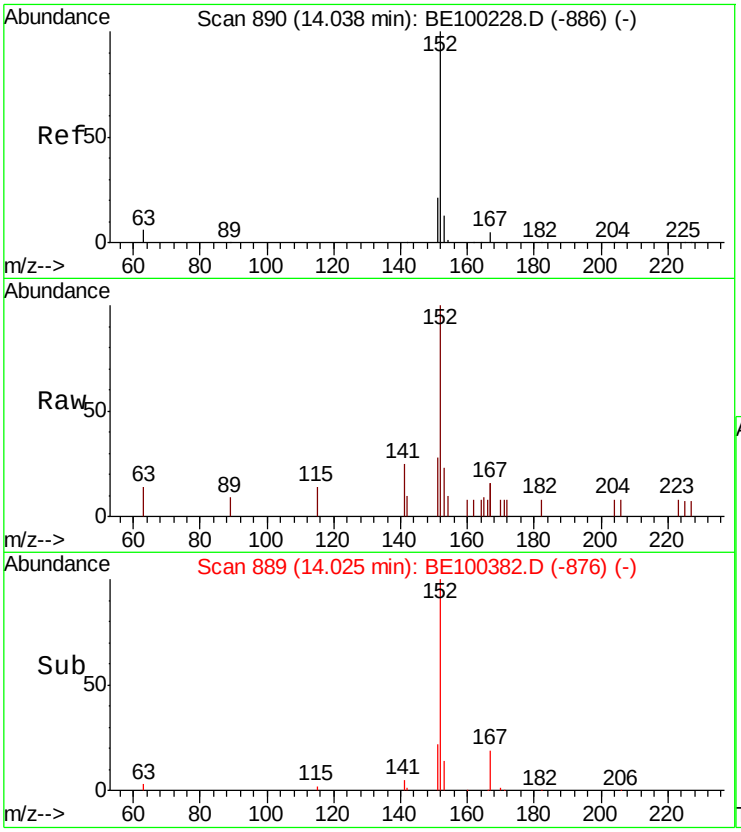


#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 12.92 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:172 Resp: 1550

Ion	Ratio	Lower	Upper
172	100		
171	41.5	31.9	47.9
170	33.2	22.2	33.2



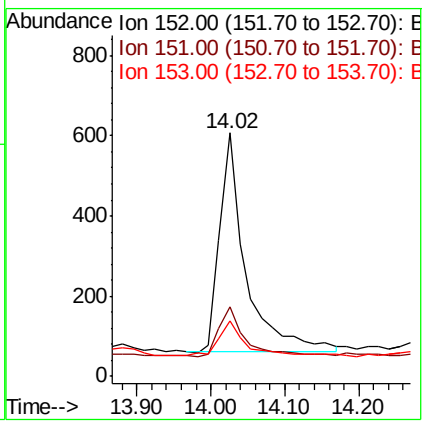


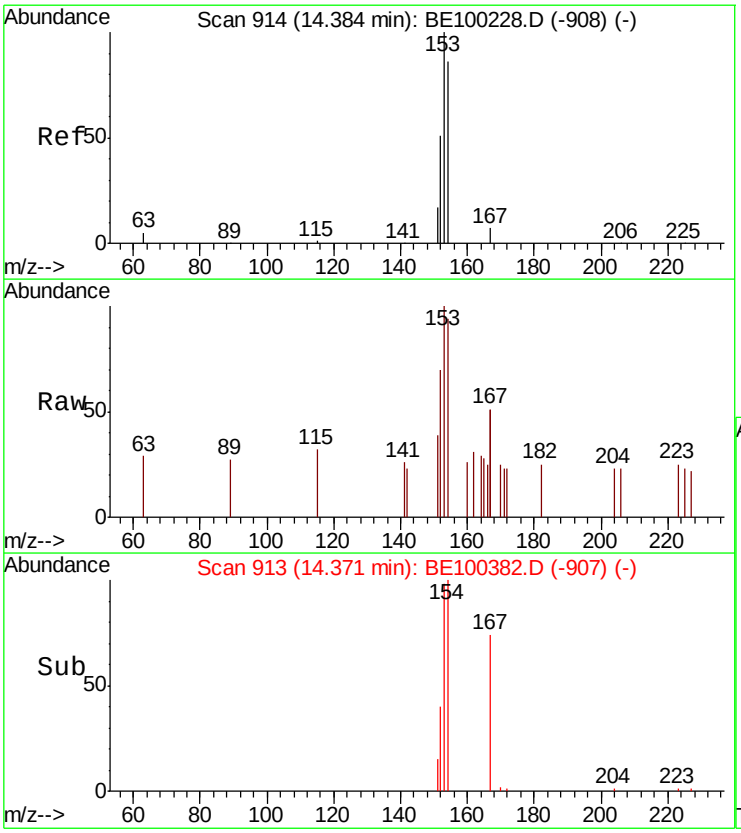
#16
Acenaphthylene
Concen: 0.161 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:152 Resp: 1339

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.6	25.0
153	14.9	10.5	15.7

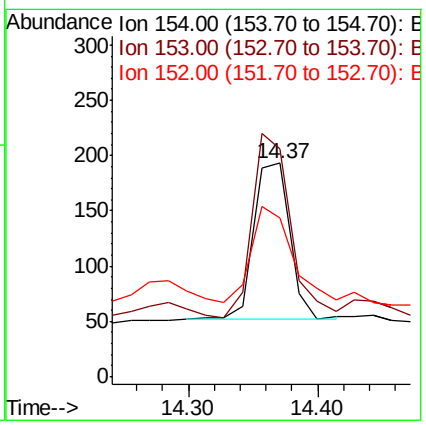


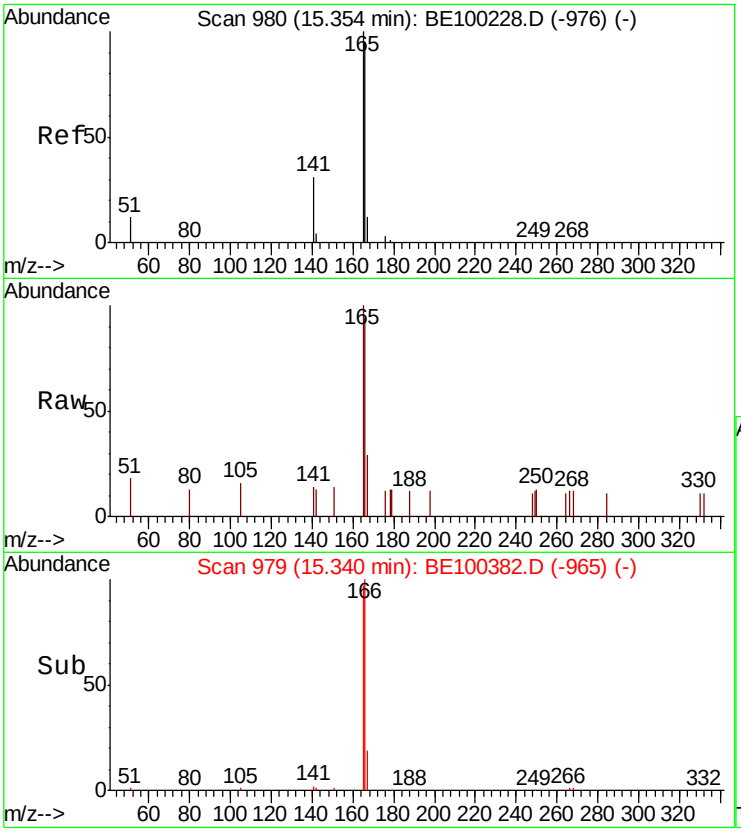


#17
Acenaphthene
Concen: 0.058 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:154 Resp: 274

Ion	Ratio	Lower	Upper
154	100		
153	125.5	93.4	140.2
152	77.0	49.4	74.2#



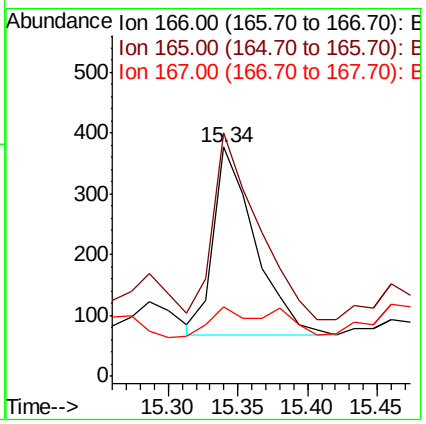


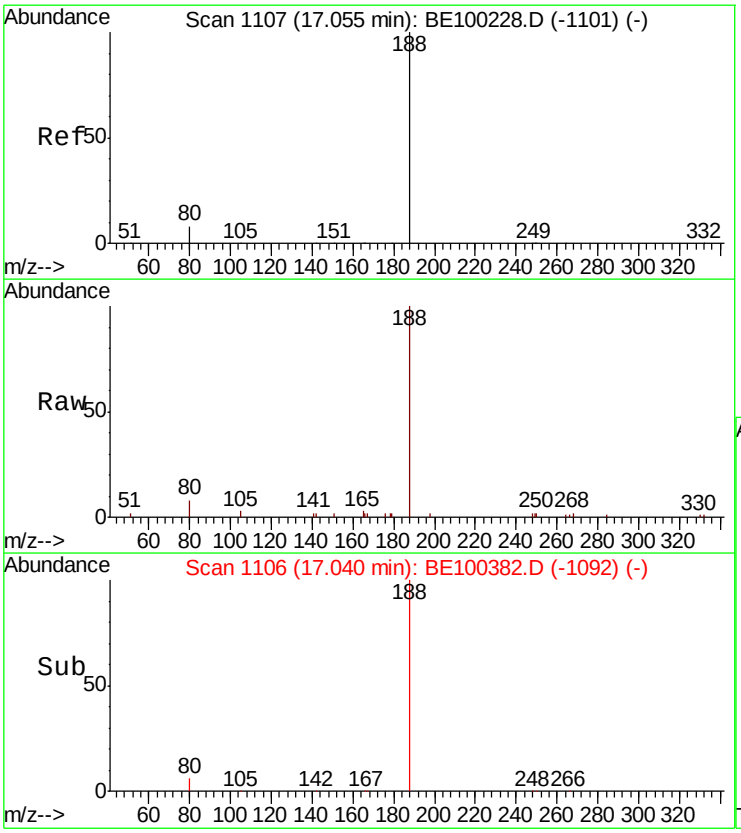
#18
Fluorene
Concen: 0.091 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:166 Resp: 637

Ion	Ratio	Lower	Upper
166	100		
165	107.4	81.1	121.7
167	26.8	10.7	16.1#

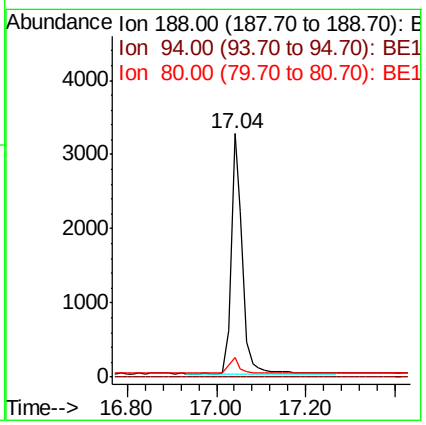


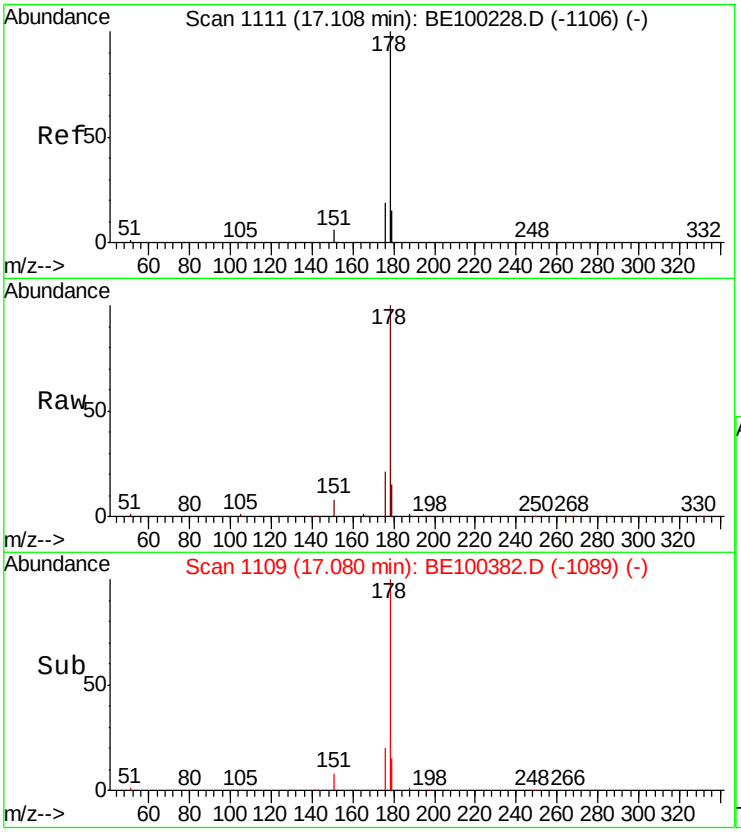


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:188 Resp: 5553

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	7.6	11.4



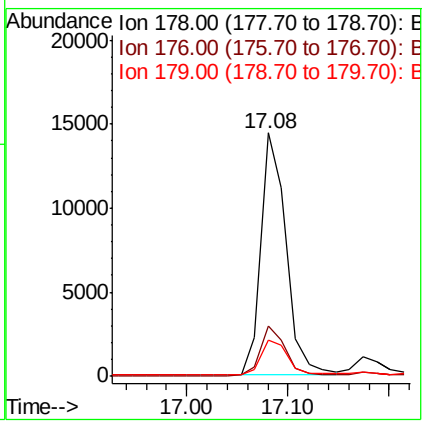


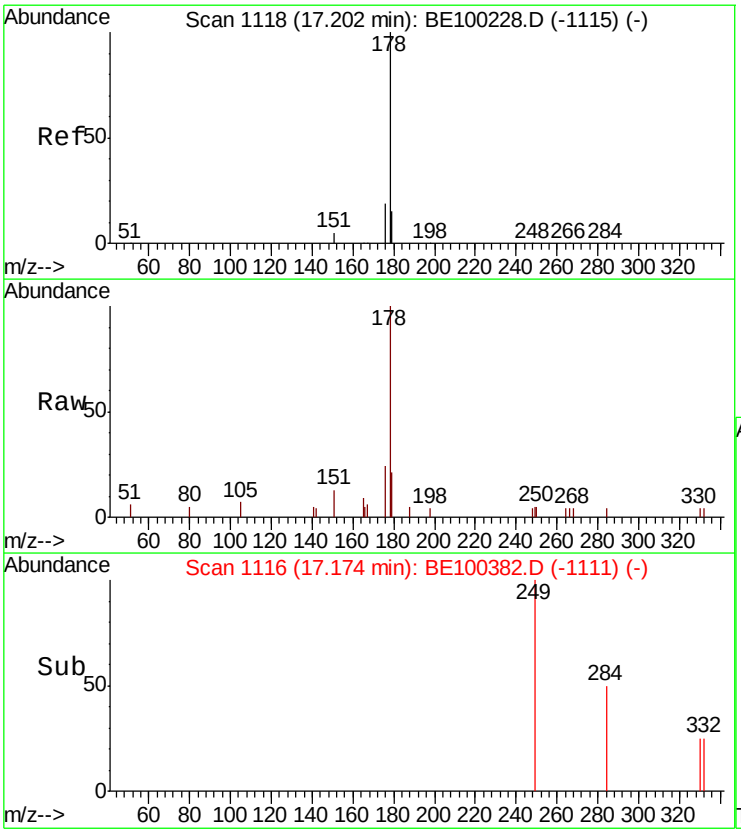
#23
Phenanthrene
Concen: 1.862 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:178 Resp: 25066

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.6	12.2	18.2

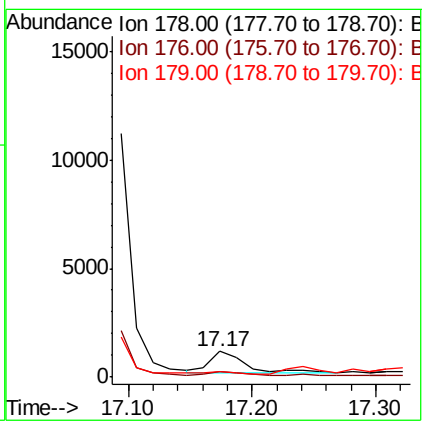


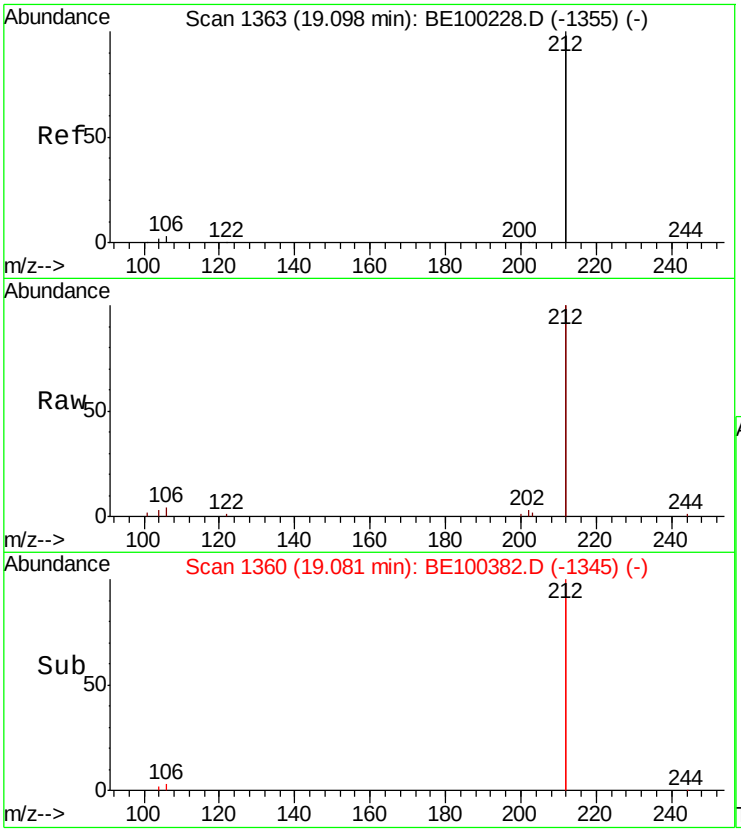


#24
Anthracene
Concen: 0.163 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:178 Resp: 1979

Ion	Ratio	Lower	Upper
178	100		
176	13.7	15.3	22.9#
179	12.6	12.2	18.2



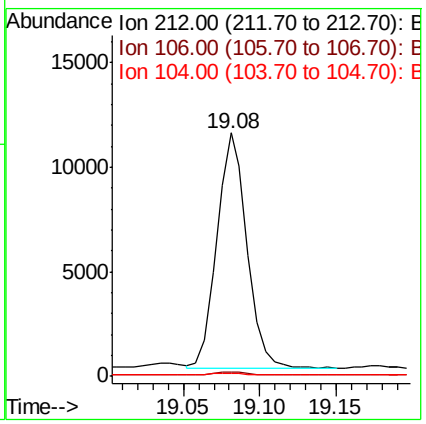


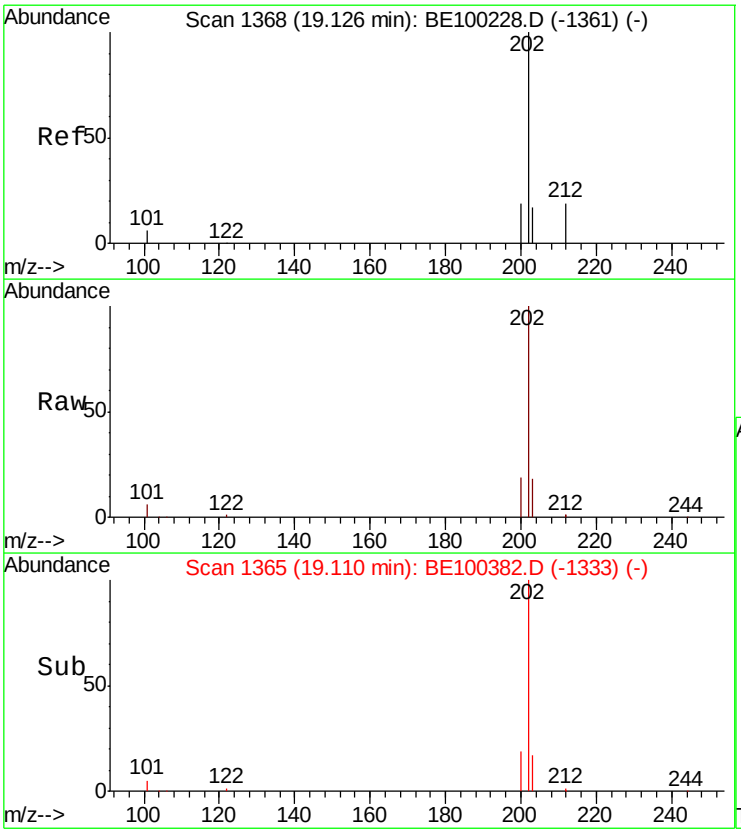
#25
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:212 Resp: 15546

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2

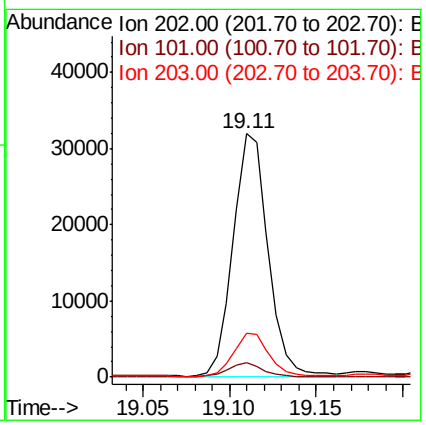


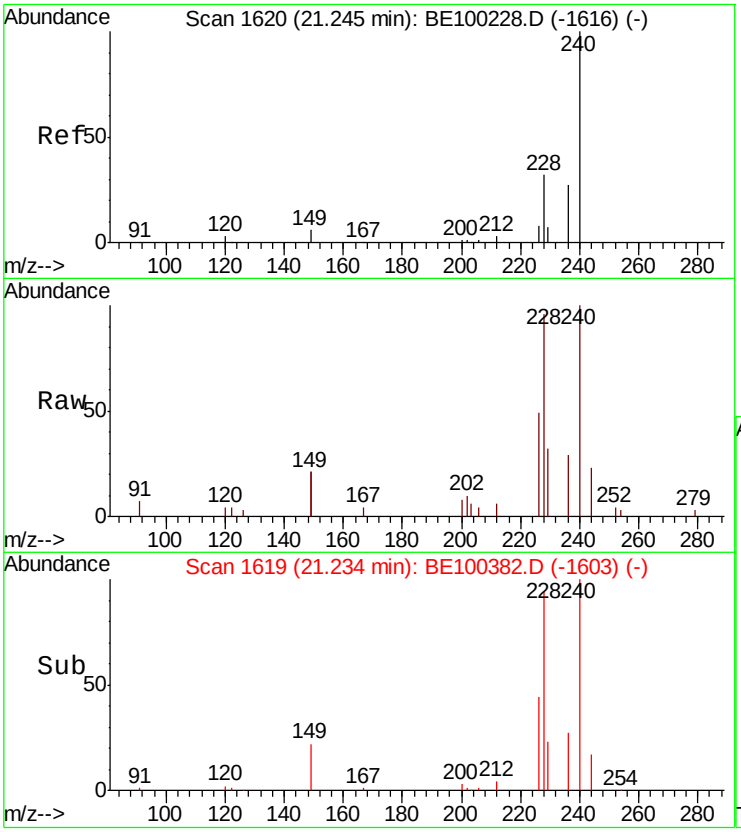


#26
Fluoranthene
Concen: 2.086 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:202 Resp: 44722

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	17.7	13.7	20.5



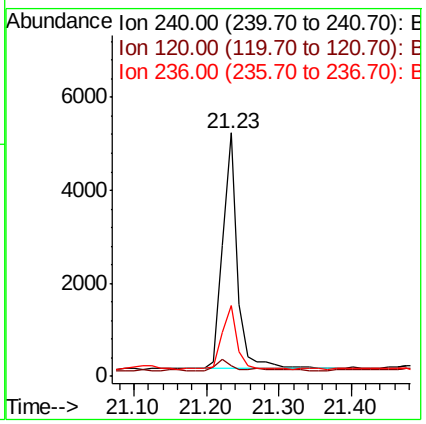


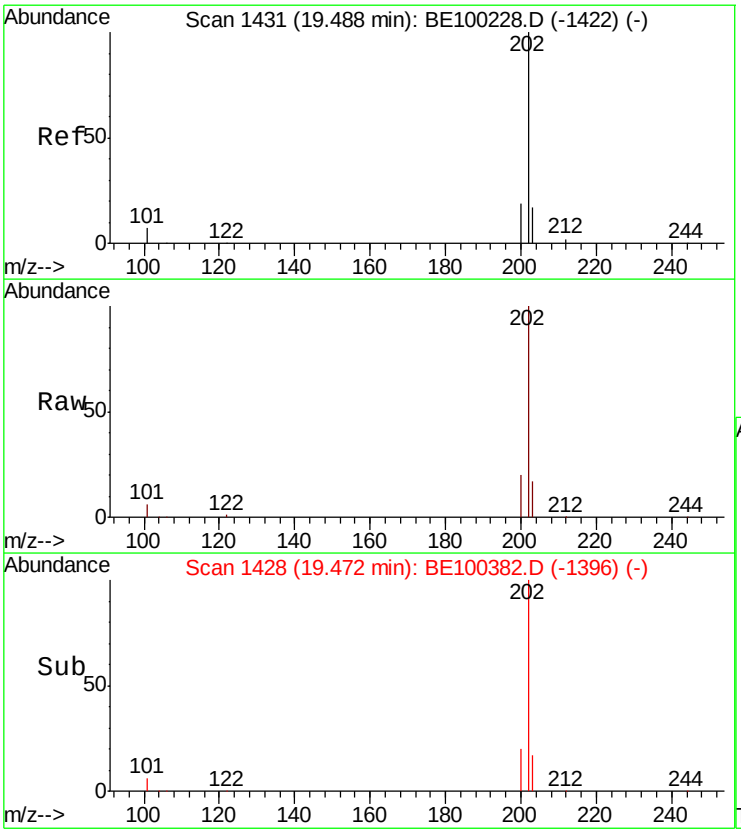
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:240 Resp: 7372

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.3	4.9
236	29.3	22.6	34.0

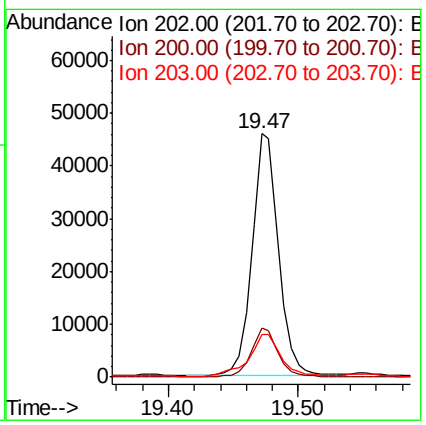


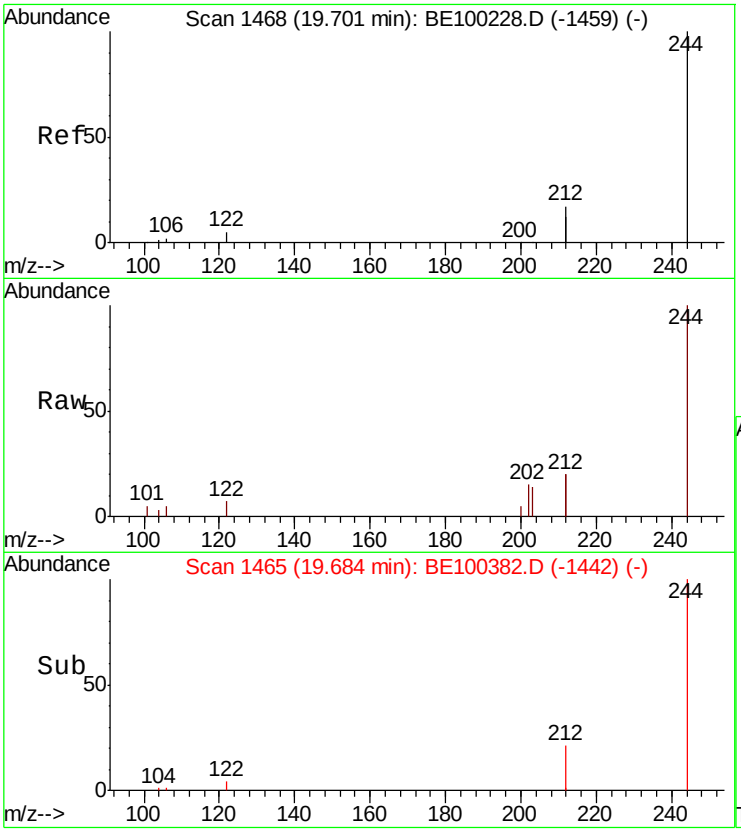


#28
Pyrene
Concen: 3.363 ng
RT: 19.47 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:202 Resp: 65632

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.6	14.0	21.0



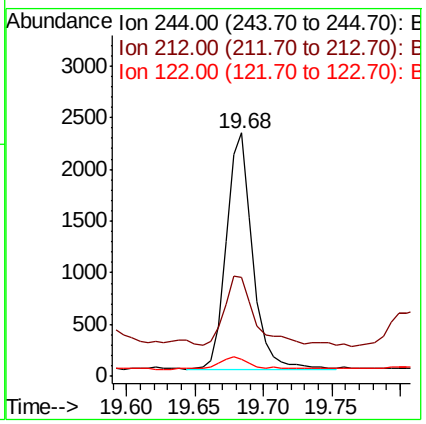


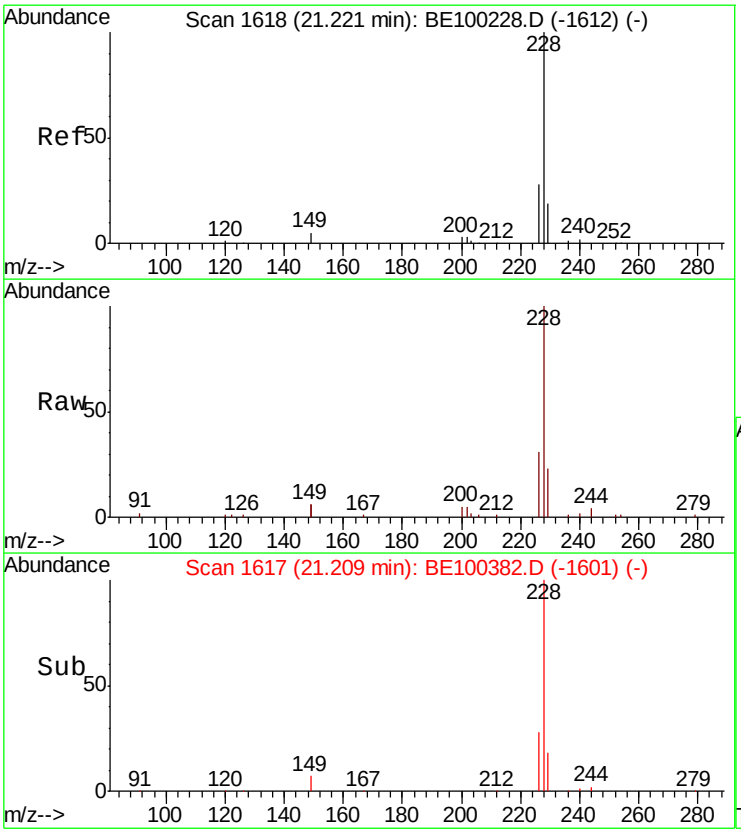
#29
Terphenyl-d14
Concen: 0.201 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:244 Resp: 3069

Ion	Ratio	Lower	Upper
244	100		
212	40.8	27.3	40.9
122	6.9	4.7	7.1

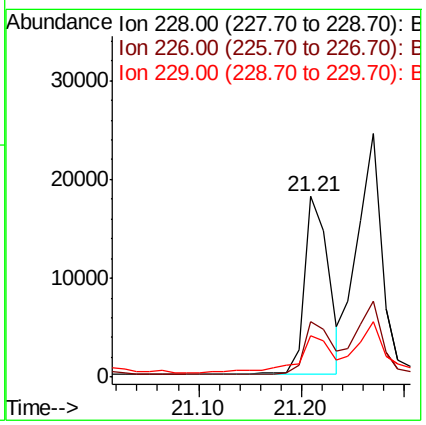


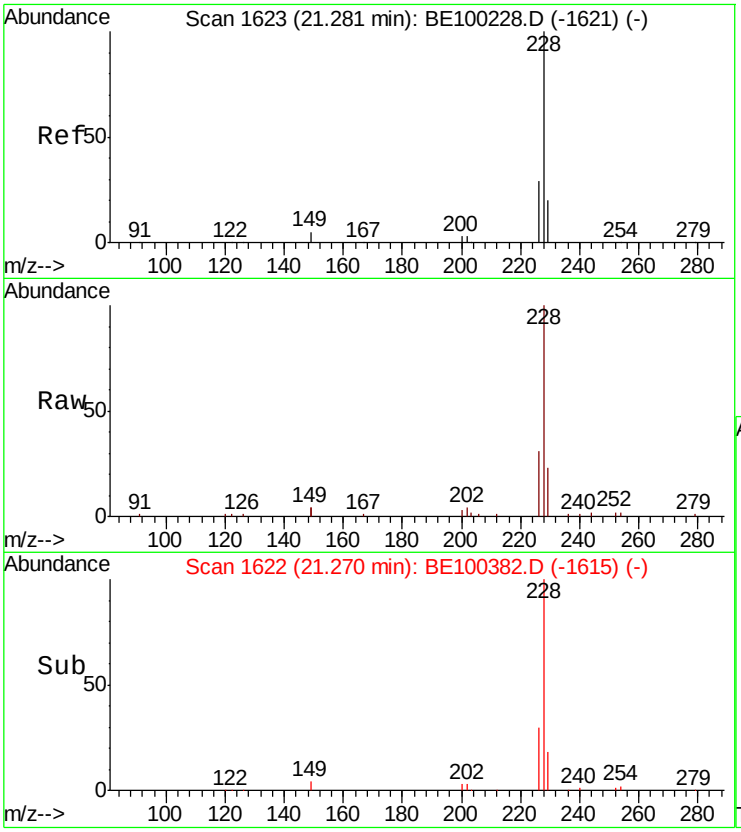


#30
Benzo(a)anthracene
Concen: 1.221 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:228 Resp: 29607

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.2	34.8
229	22.7	15.7	23.5



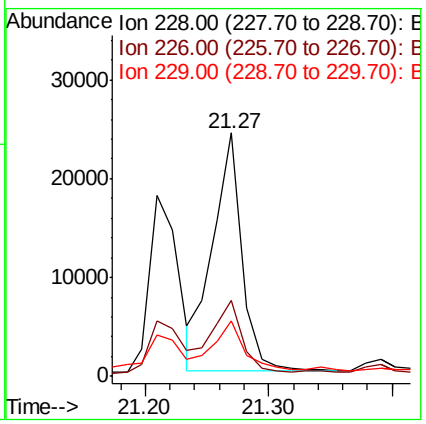


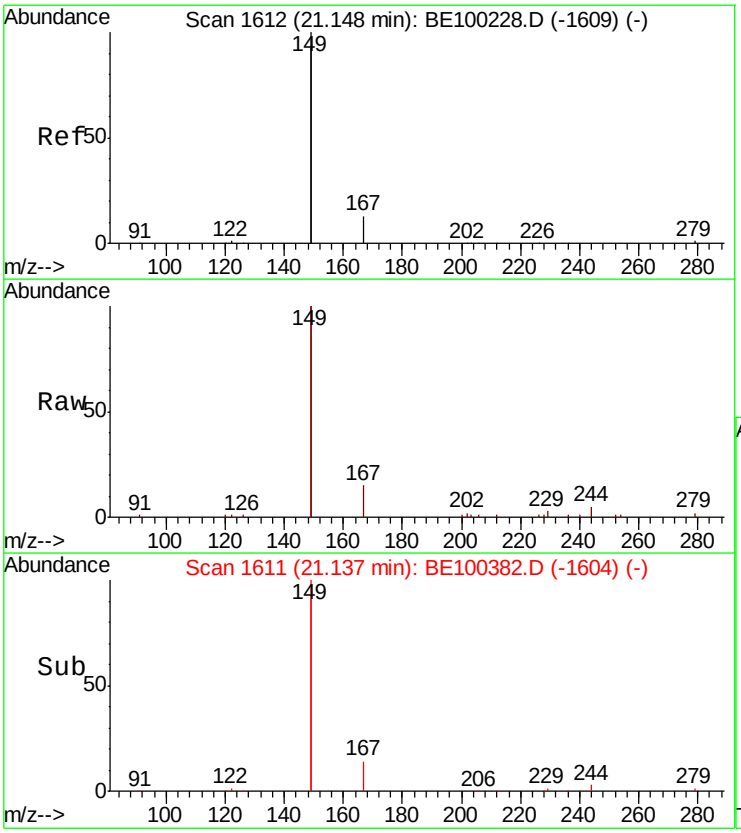
#31
Chrysene
Concen: 1.635 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:228 Resp: 39797

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	22.8	16.5	24.7

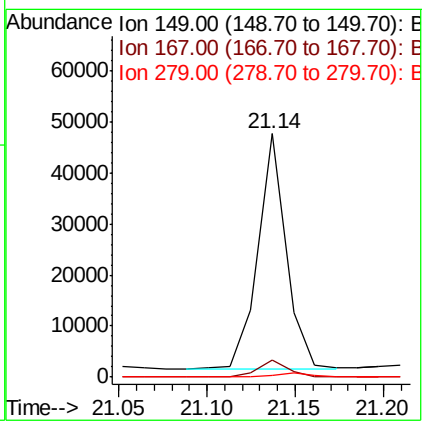


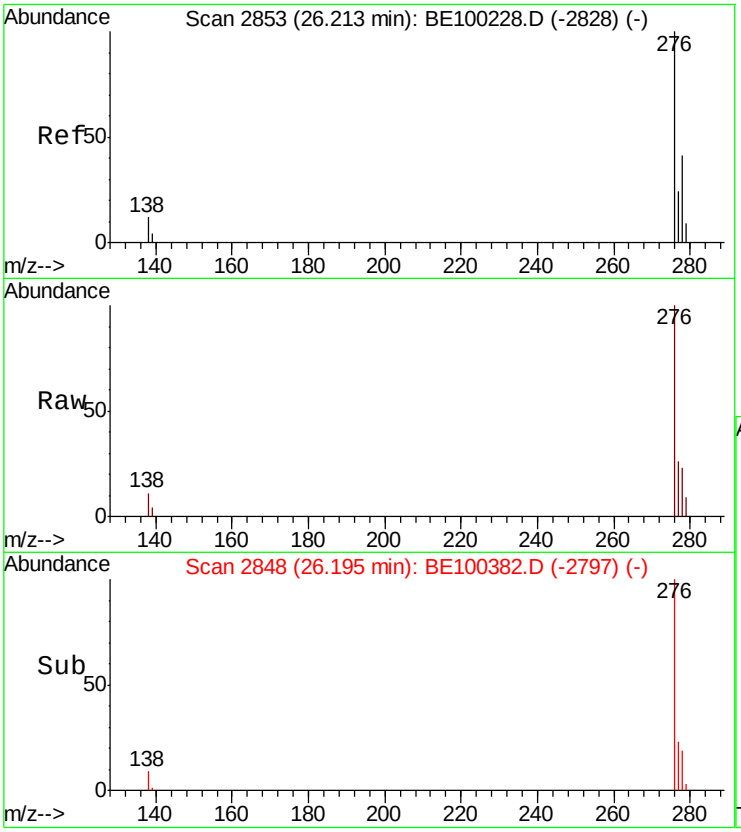


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.432 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:149 Resp: 51048

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.8
279	1.6	1.1	1.7



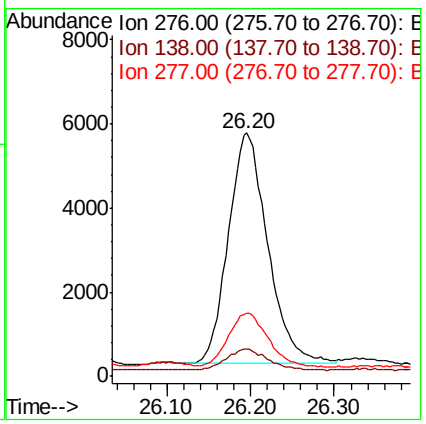


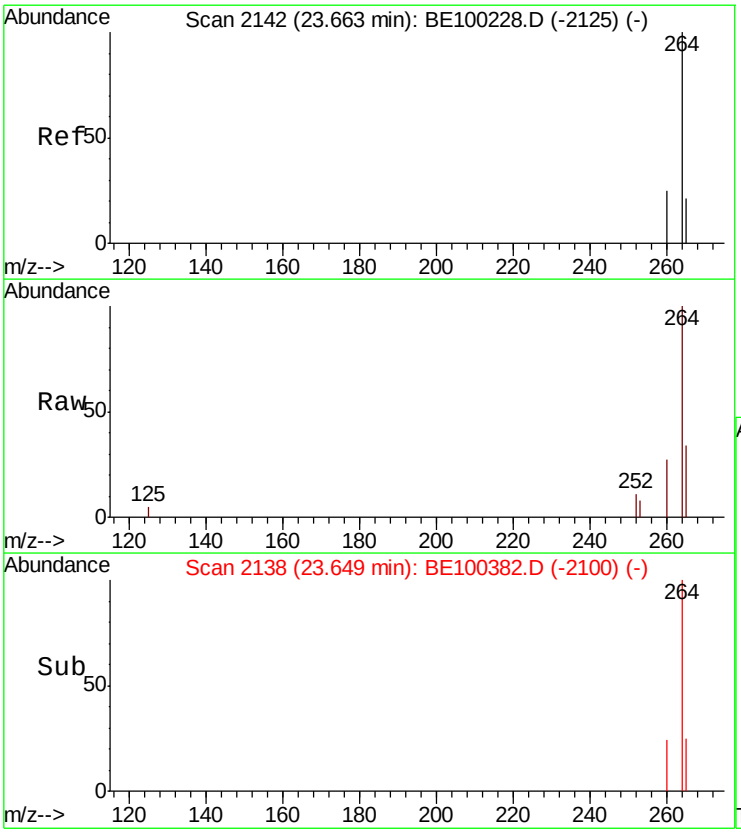
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng
RT: 26.20 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:276 Resp: 17971

Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.4	14.0#
277	23.1	19.2	28.8

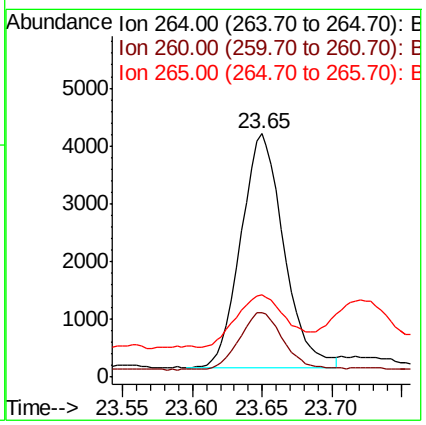


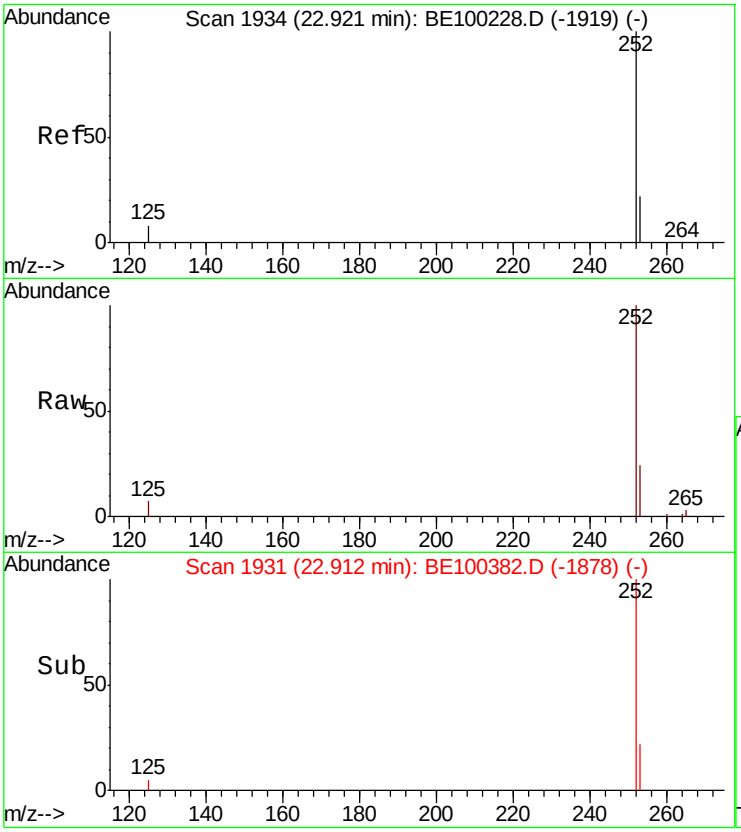


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:264 Resp: 8664

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.8	31.2
265	34.1	21.8	32.6#



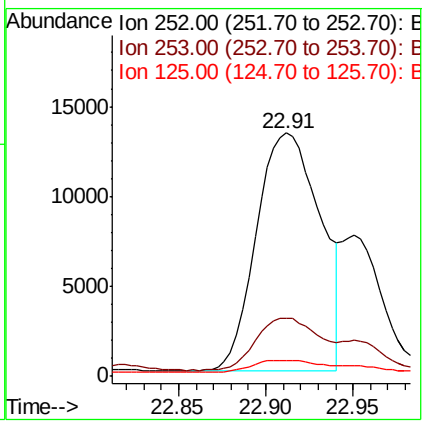


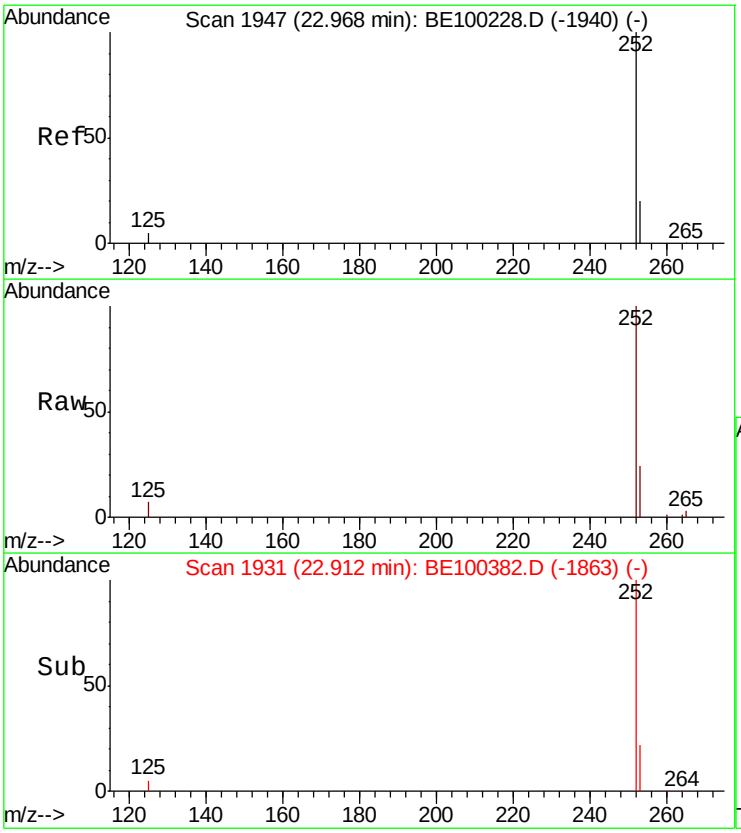
#35
Benzo(b)fluoranthene
Concen: 1.435 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:252 Resp: 33699

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	6.5	7.4	11.0#

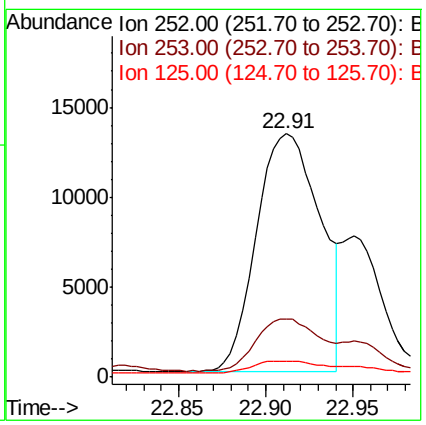


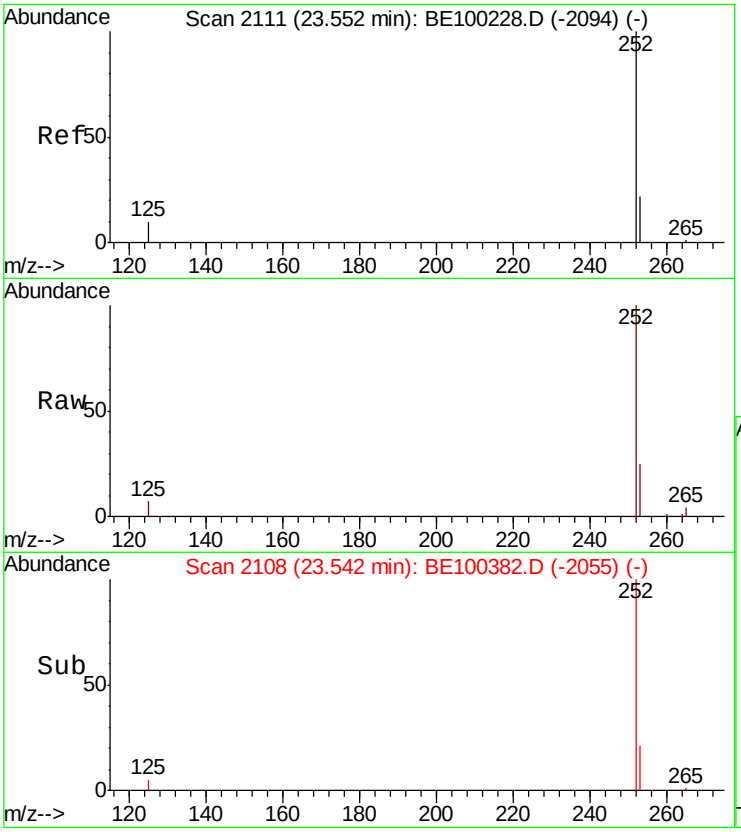


#36
Benzo(k)fluoranthene
Concen: 1.285 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:252 Resp: 33699

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	6.5	5.0	7.4



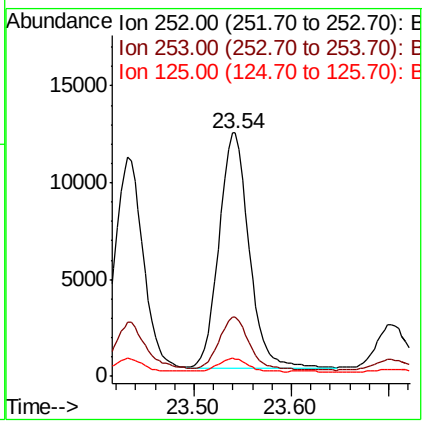


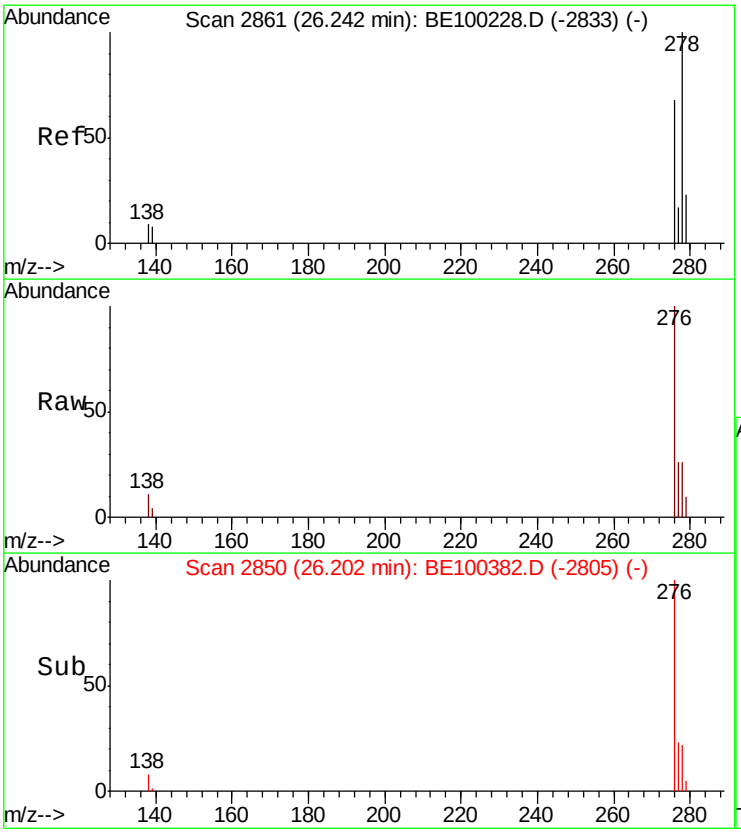
#37
Benzo(a)pyrene
Concen: 1.102 ng
RT: 23.54 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:252 Resp: 25944

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.6	29.4
125	7.2	9.0	13.6#

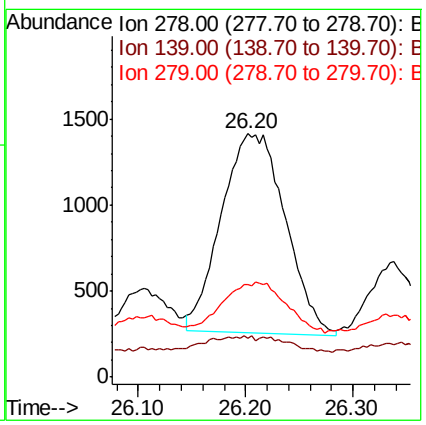


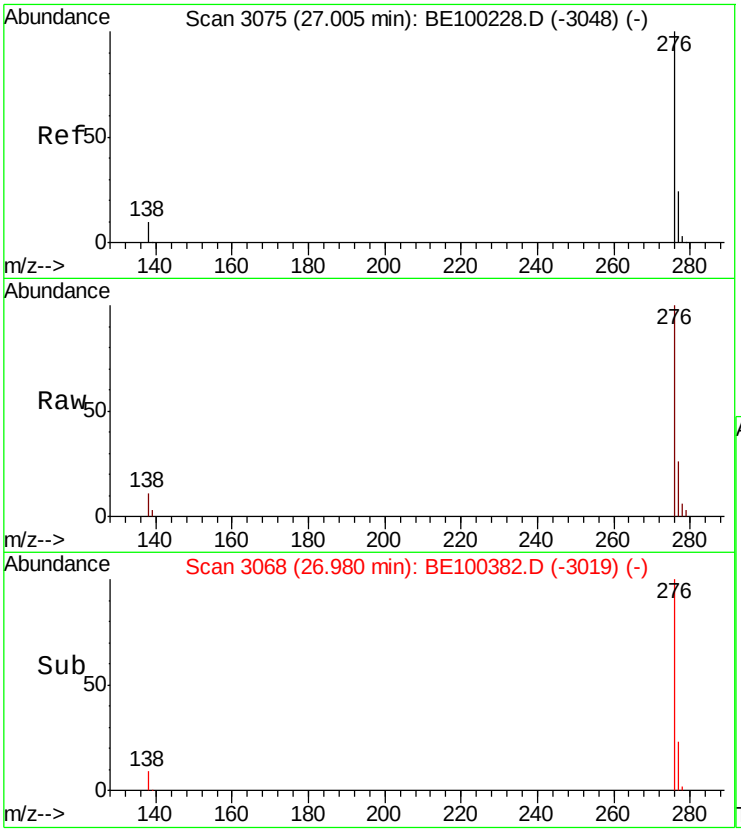


#38
Dibenzo(a,h)anthracene
Concen: 0.195 ng
RT: 26.20 min Scan# 2850
Delta R.T. -0.04 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Tgt Ion:278 Resp: 4790

Ion	Ratio	Lower	Upper
278	100		
139	16.2	8.2	12.2#
279	38.2	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.872 ng
RT: 26.98 min Scan# 3068
Delta R.T. -0.03 min
Lab File: BE100382.D
Acq: 5 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW174-062519

Tgt Ion:276 Resp: 22017

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.2	30.2
138	11.0	9.0	13.6