Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100357.D
Acq On : 4 Jul 2019 9:12
Operator : JU/SJ
Sample : K3558-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-015-SW084-062519

Quant Time: Jul 05 01:14:01 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	7.63	152	724	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2480	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2048	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5815	0.40	ng		0.00
27) Chrysene-d12	21.24	240	9220	0.40	ng		0.00
34) Perylene-d12	23.67	264	11579	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	370	0.20	ng		0.00
5) Phenol-d6	6.82	99	471	0.19	ng		-0.01
8) Nitrobenzene-d5	8.81	82	434	0.18	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	917	0.20	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	322	0.22	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	1397	0.18	ng		-0.01
25) Fluoranthene-d10	19.09	212	13931	0.17	ng		0.00
29) Terphenyl-d14	19.69	244	3641	0.19	ng		-0.01
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.04	93	93	0.047	ng	#	25
9) Naphthalene	10.47	128	17340	0.634	ng		98
12) 2-Methylnaphthalene	12.11	142	3204	0.668	ng		99
16) Acenaphthylene	14.02	152	31103	3.165	ng		99
17) Acenaphthene	14.37	154	3675	0.660	ng		92
18) Fluorene	15.35	166	10572	1.284	ng	#	83
23) Phenanthrene	17.09	178	343321	24.360	ng		99
24) Anthracene	17.19	178	38767	3.054	ng		99
26) Fluoranthene	19.13	202	587668	26.178	ng		97
28) Pyrene	19.49	202	923578	37.836	ng		95
30) Benzo(a)anthracene	21.22	228	471681	15.559	ng		96
31) Chrysene	21.28	228	587696	19.306	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	7706	0.122	ng	#	85
33) Indeno(1,2,3-cd)pyrene	26.23	276	239292	5.943	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	460039	14.654	ng	#	95
36) Benzo(k)fluoranthene	22.93	252	460039	13.128	ng	#	98
37) Benzo(a)pyrene	23.56	252	379425	12.059	ng	#	92
38) Dibenzo(a,h)anthracene	26.25	278	71506	2.176	ng	#	90
39) Benzo(g,h,i)perylene	27.03	276	283571	8.400	ng		98

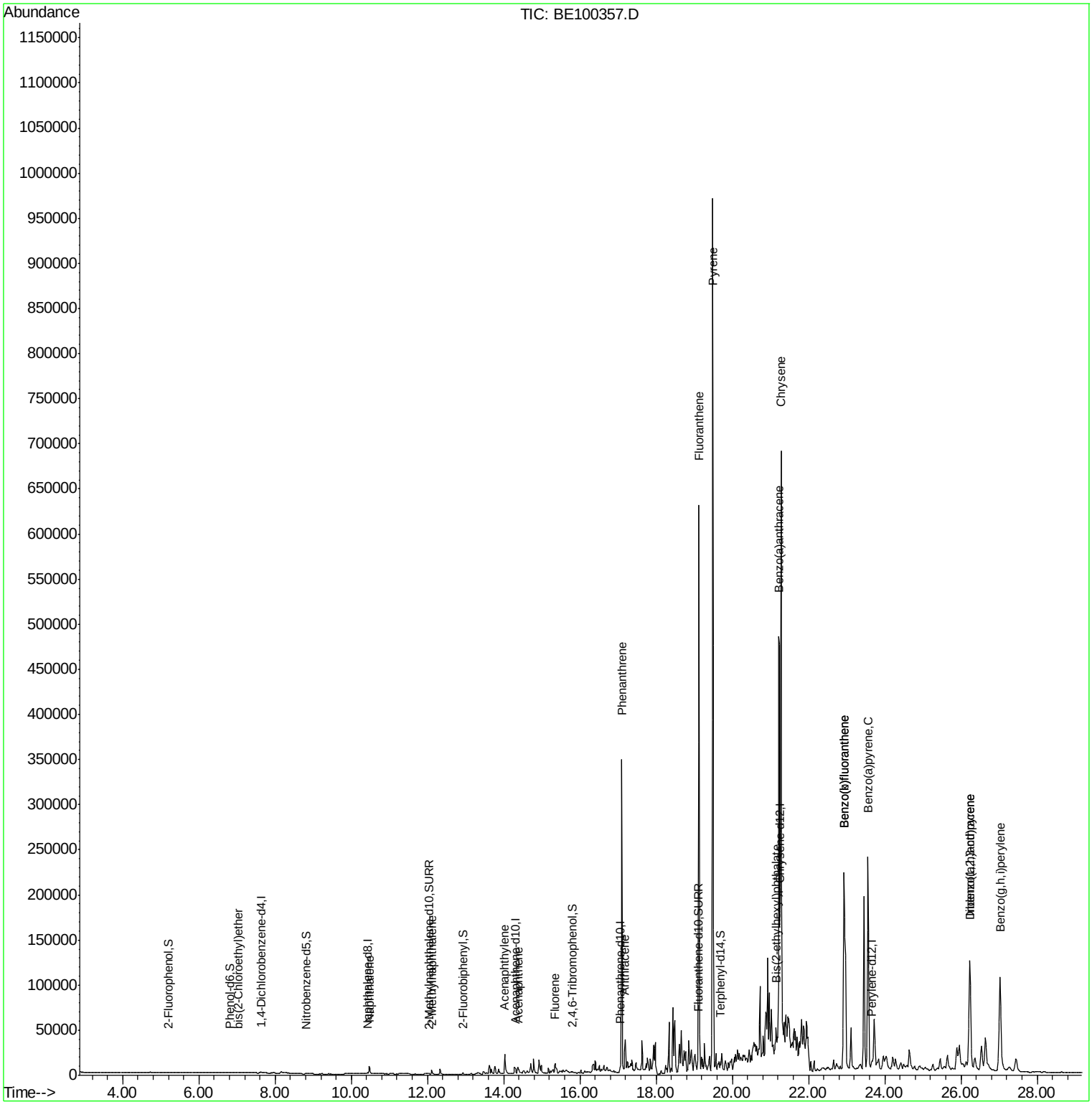
(#) = qualifier out of range (m) = manual integration (+) = signals summed

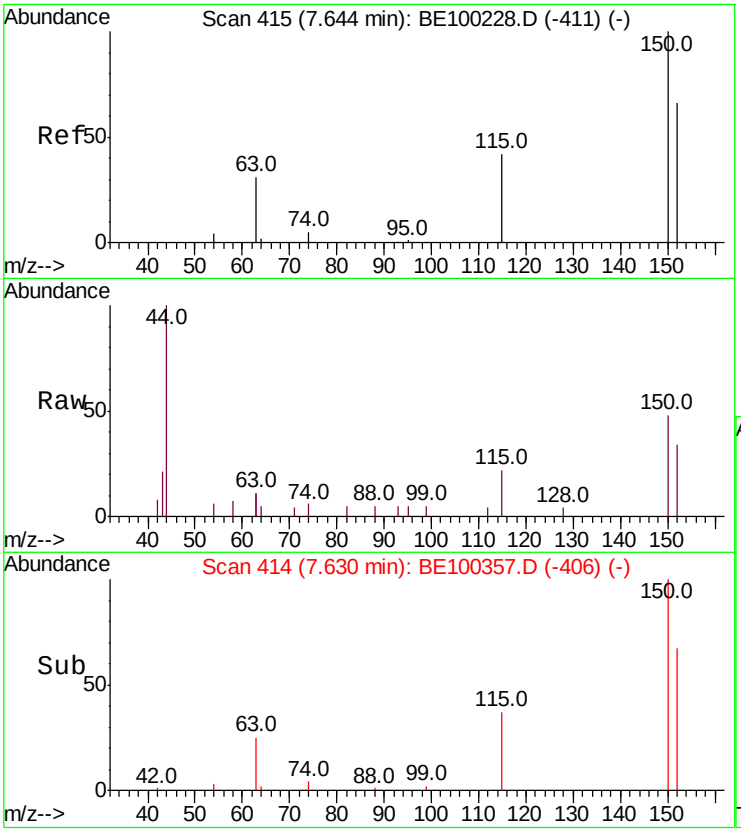
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100357.D
Acq On : 4 Jul 2019 9:12
Operator : JU/SJ
Sample : K3558-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Quant Time: Jul 05 01:14:01 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



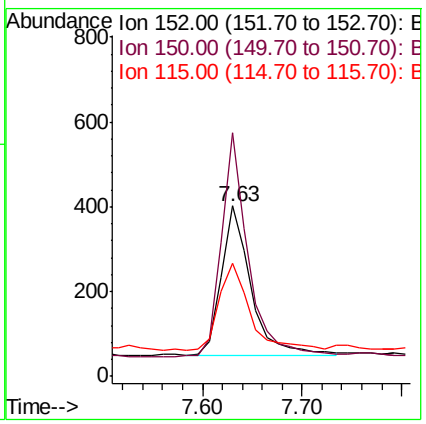


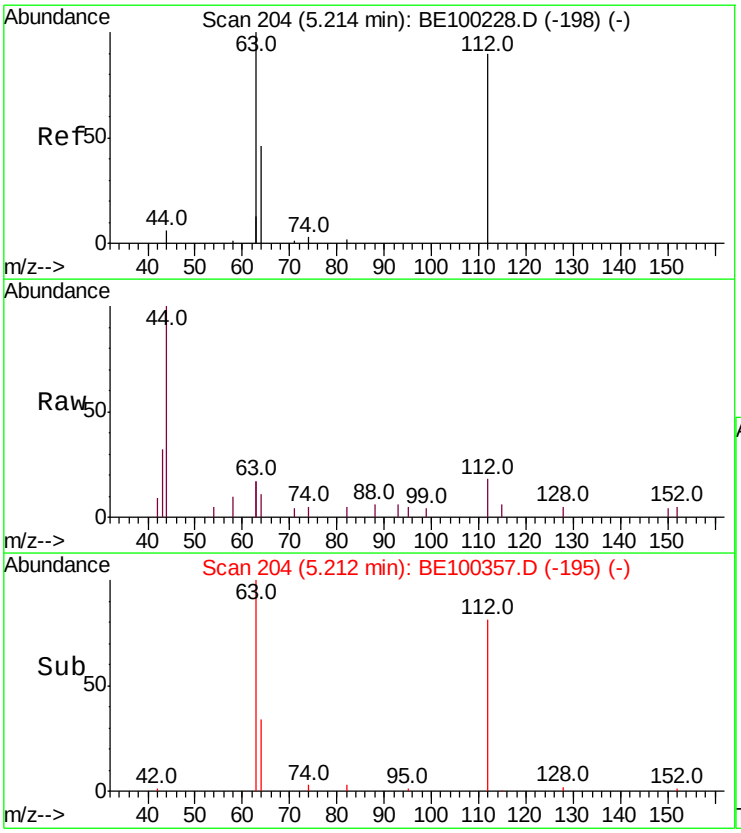
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:152 Resp: 724

Ion	Ratio	Lower	Upper
152	100		
150	142.8	114.5	171.7
115	66.2	57.1	85.7

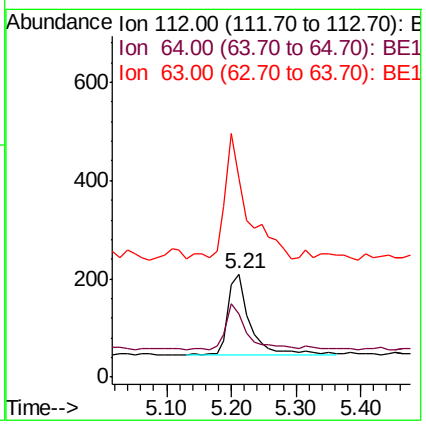


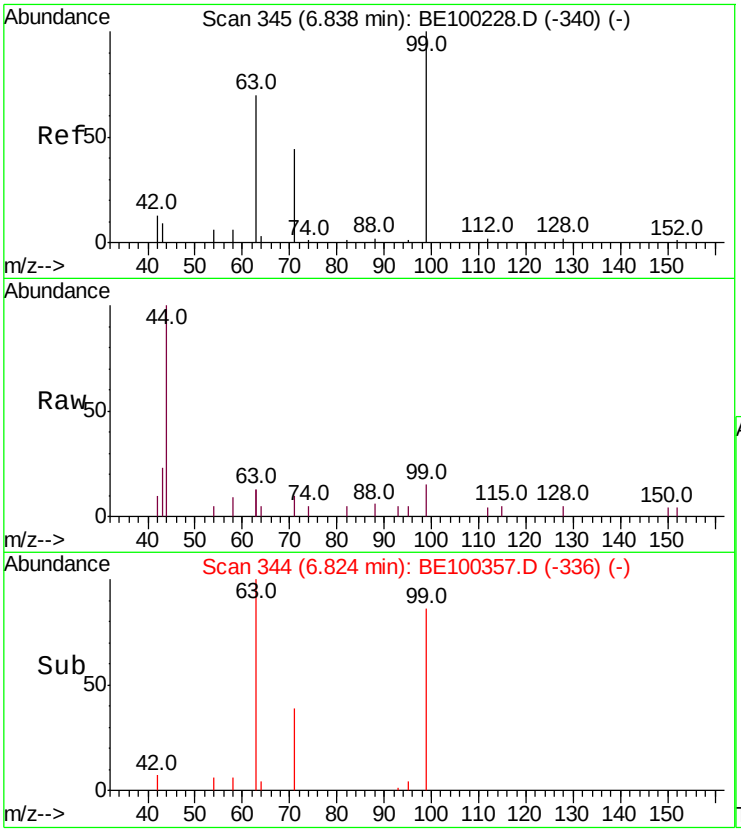


#4
2-Fluorophenol
Concen: 0.200 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:112 Resp: 370

Ion	Ratio	Lower	Upper
112	100		
64	58.4	39.4	59.0
63	157.3	104.5	156.7#



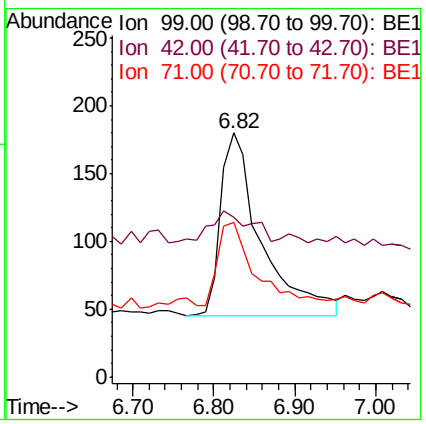


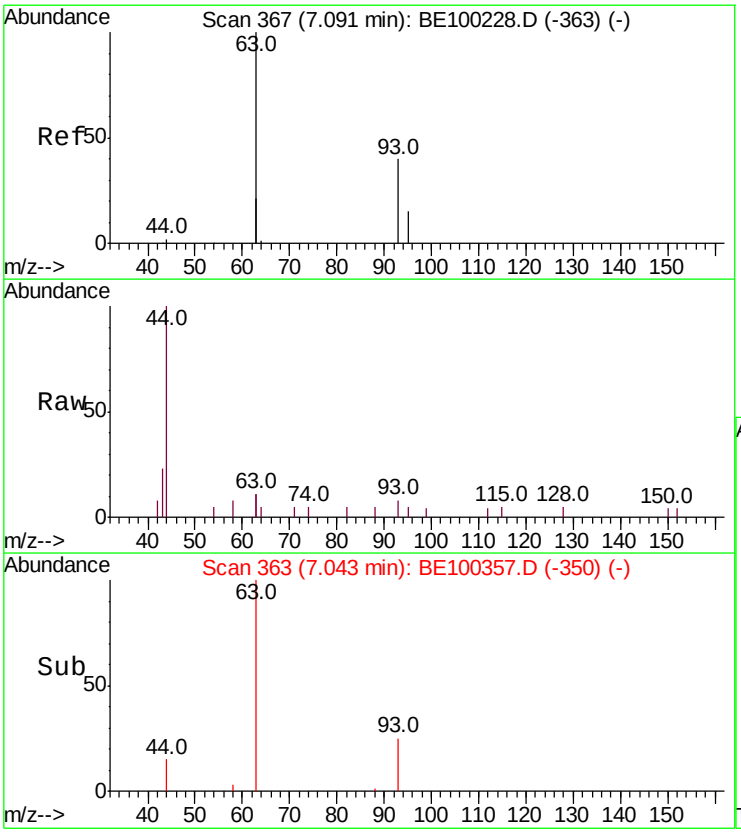
#5
Phenol-d6
Concen: 0.194 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion: 99 Resp: 471

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.2	16.8
71	41.0	37.2	55.8

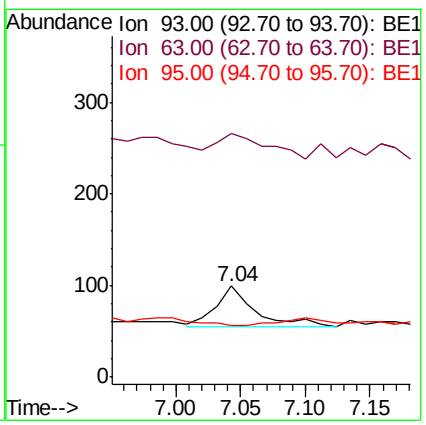


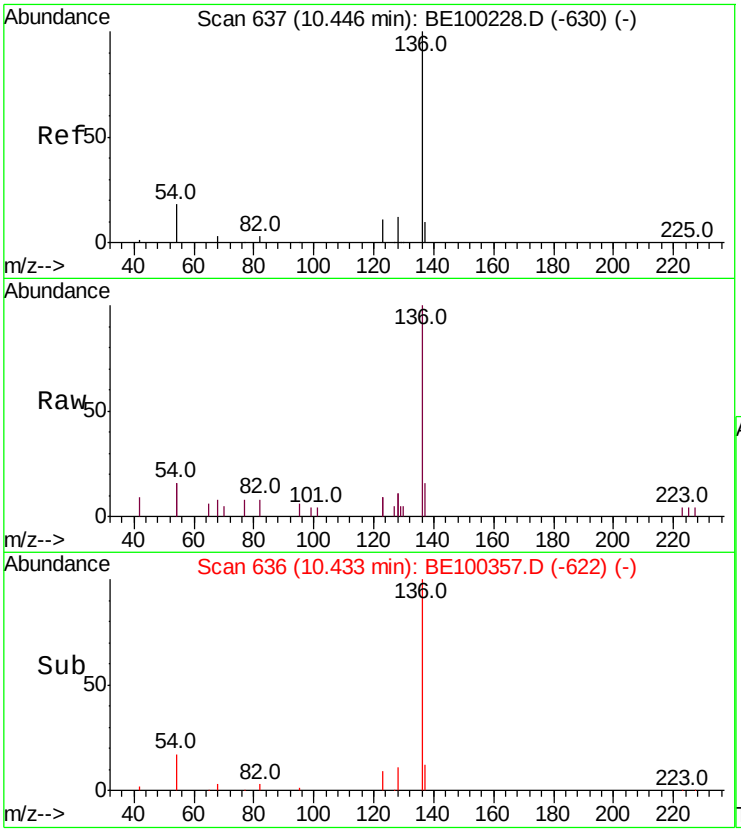


#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.05 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion: 93 Resp: 93

Ion	Ratio	Lower	Upper
93	100		
63	78.5	155.6	233.4#
95	0.0	23.0	34.4#



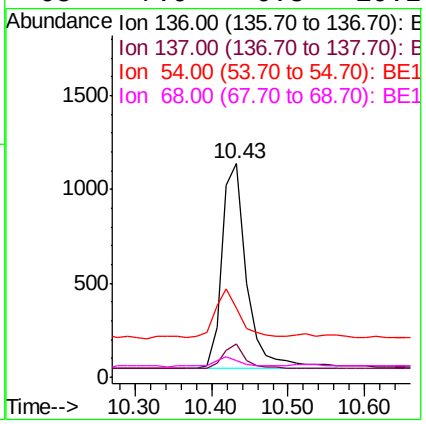


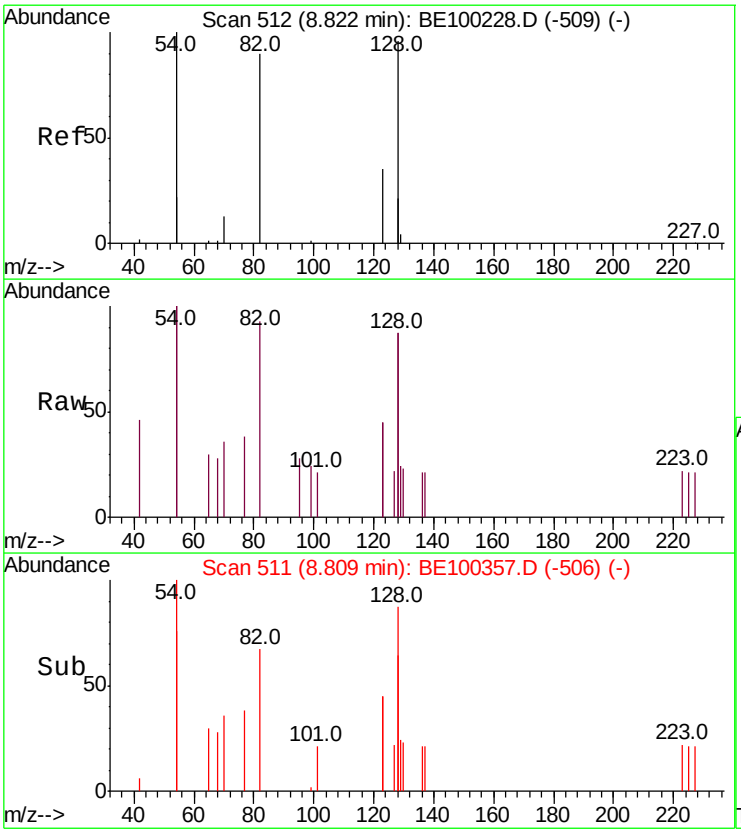
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:136 Resp: 2480

Ion	Ratio	Lower	Upper
136	100		
137	15.7	11.8	17.8
54	32.2	27.7	41.5
68	7.9	6.8	10.2

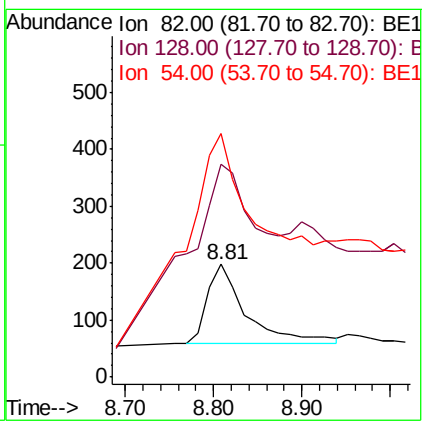


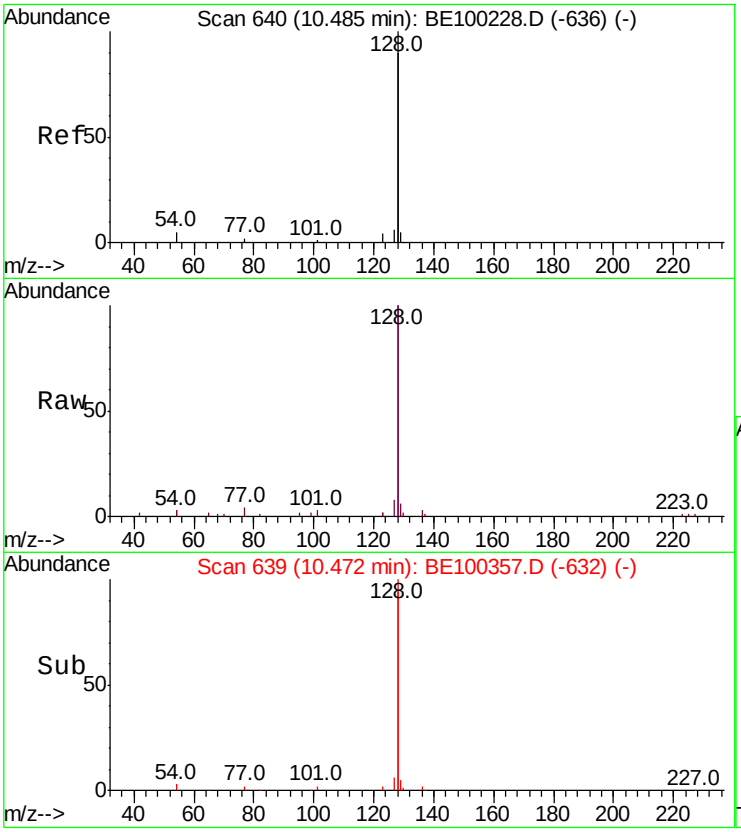


#8
Nitrobenzene-d5
Concen: 0.176 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion: 82 Resp: 434

Ion	Ratio	Lower	Upper
82	100		
128	188.9	140.9	211.3
54	216.2	146.2	219.2



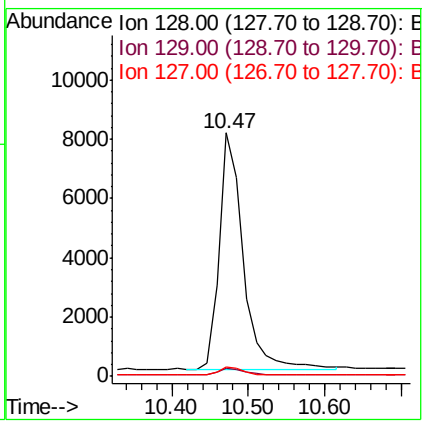


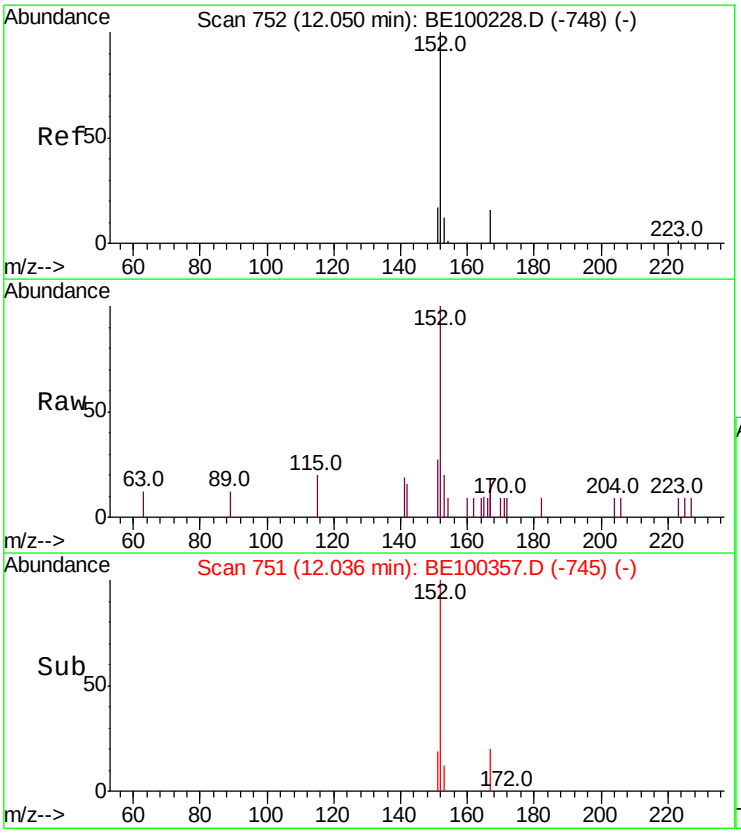
#9
Naphthalene
Concen: 0.634 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:128 Resp: 17340

Ion	Ratio	Lower	Upper
128	100		
129	3.2	3.0	4.6
127	3.8	3.5	5.3

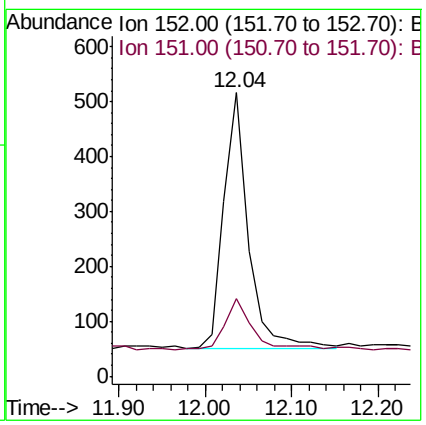


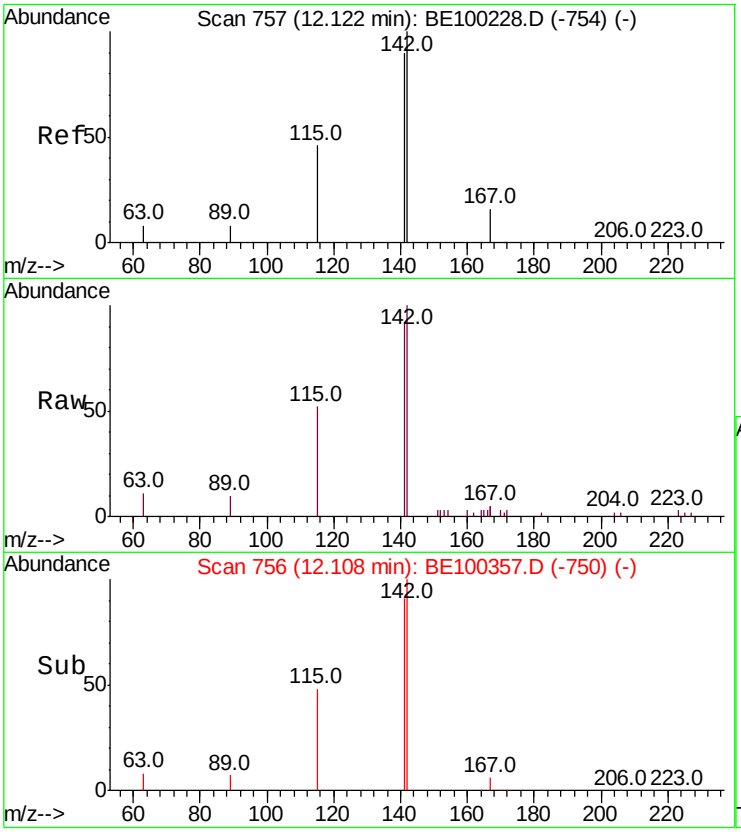


#11
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:152 Resp: 917

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.1	22.7



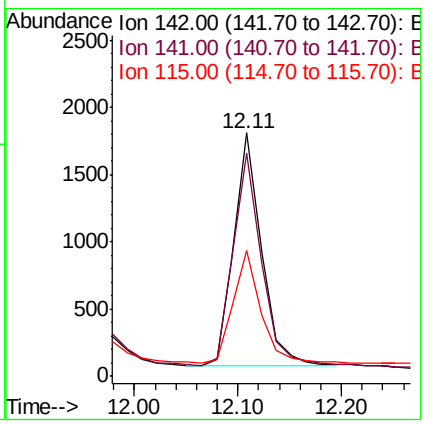


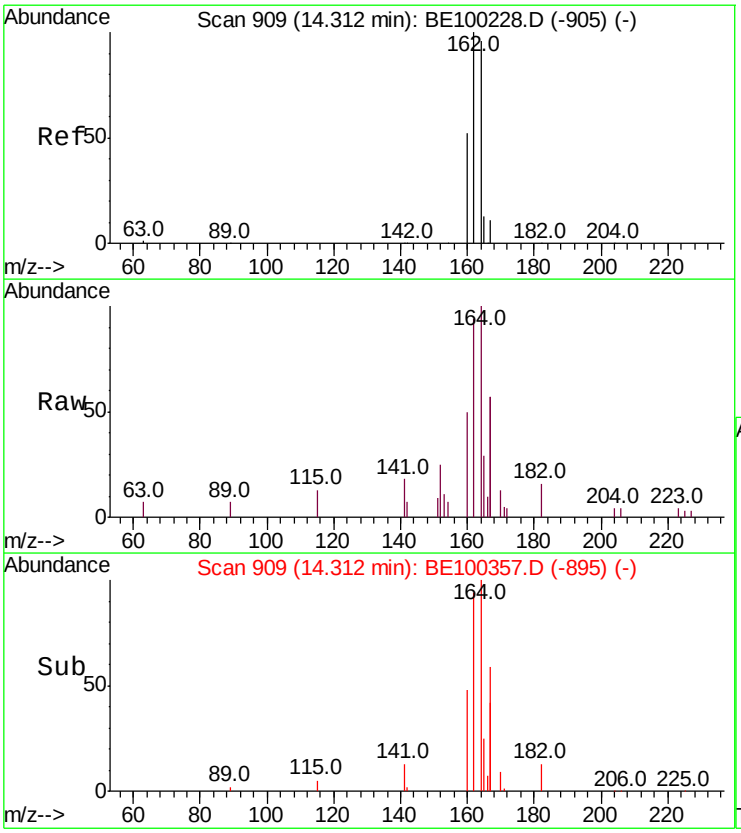
#12
2-Methylnaphthalene
Concen: 0.668 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:142 Resp: 3204

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.4	108.6
115	51.5	40.4	60.6

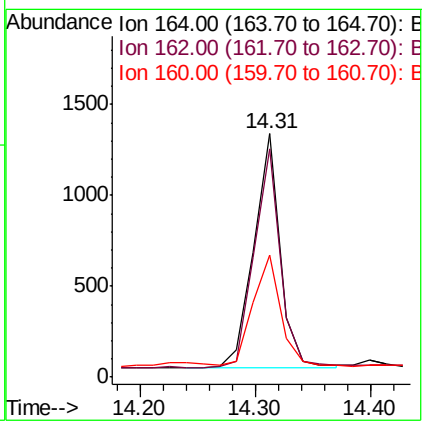


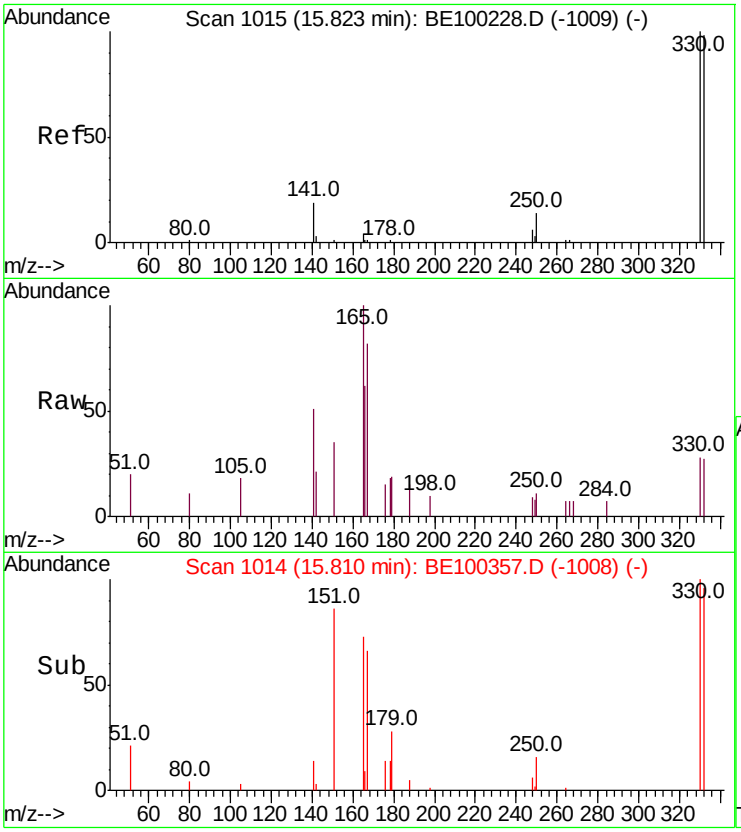


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:164 Resp: 2048

Ion	Ratio	Lower	Upper
164	100		
162	93.7	83.4	125.0
160	50.1	45.0	67.6



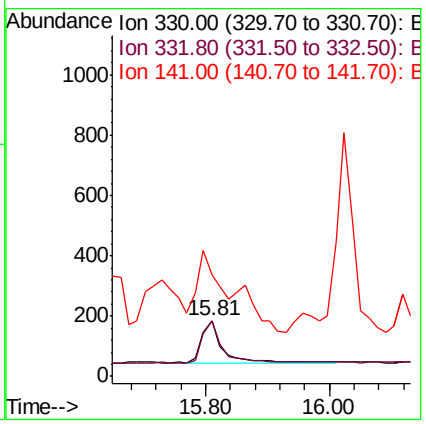


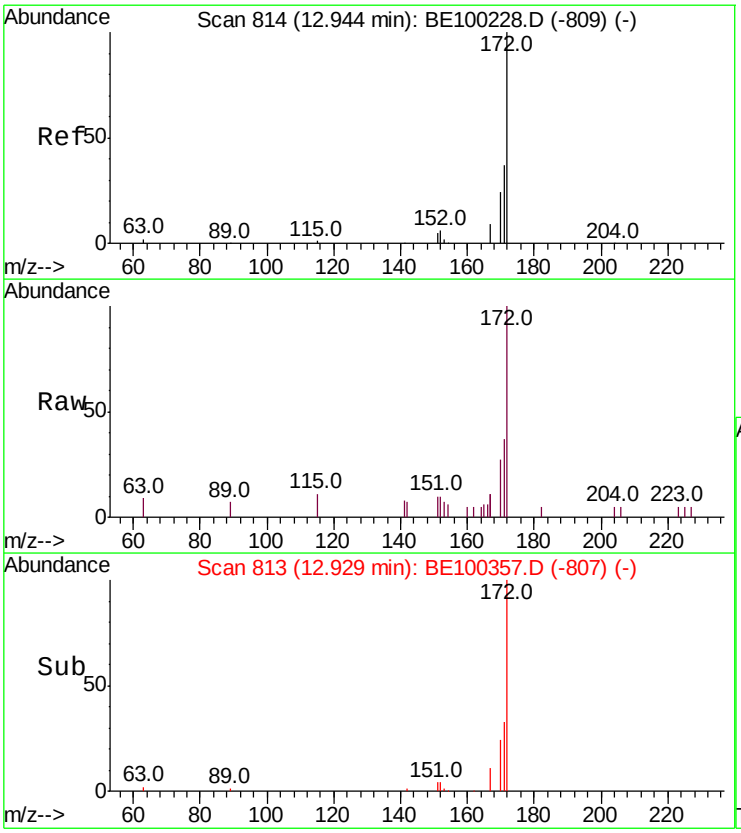
#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:330 Resp: 322

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.0	115.4
141	136.3	22.0	33.0#

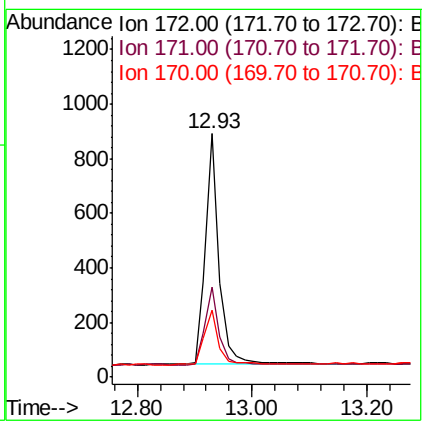


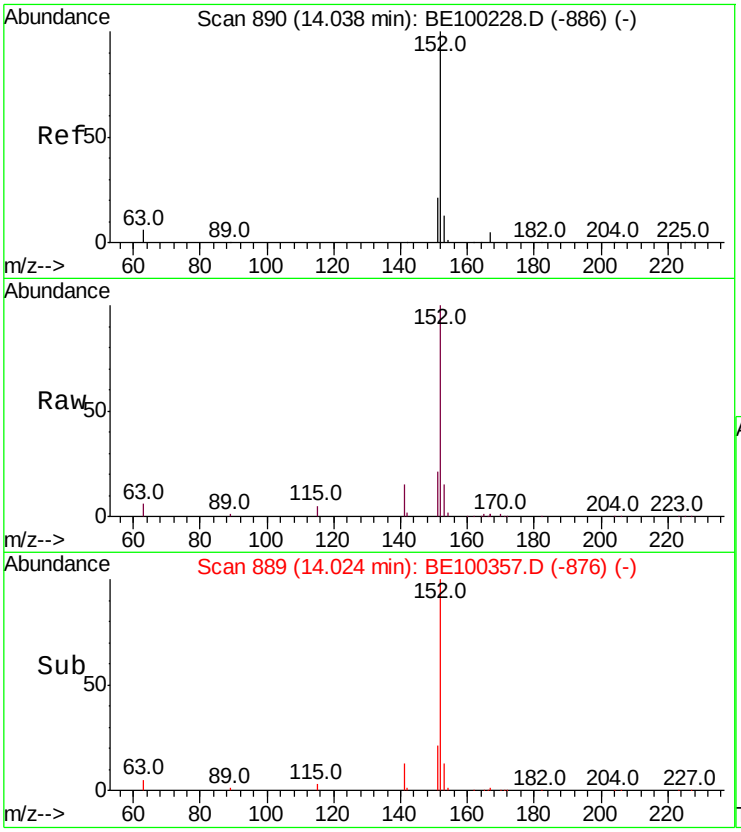


#15
2-Fluorobiphenyl
Concen: 0.175 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:172 Resp: 1397

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.9	47.9
170	27.5	22.2	33.2



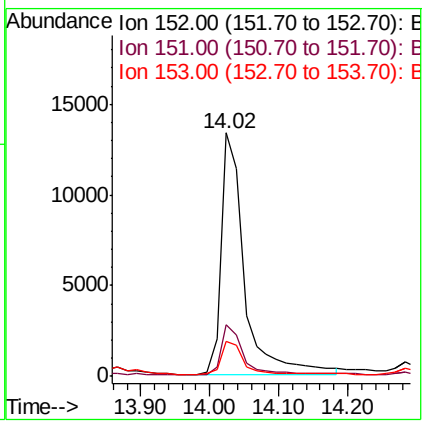


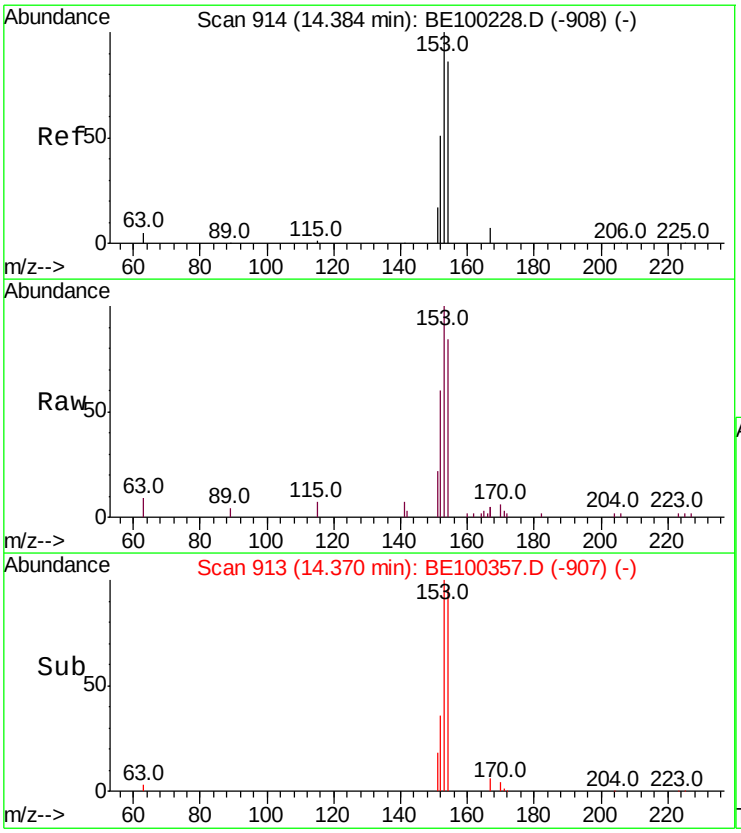
#16
Acenaphthylene
Concen: 3.165 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:152 Resp: 31103

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.7	10.5	15.7

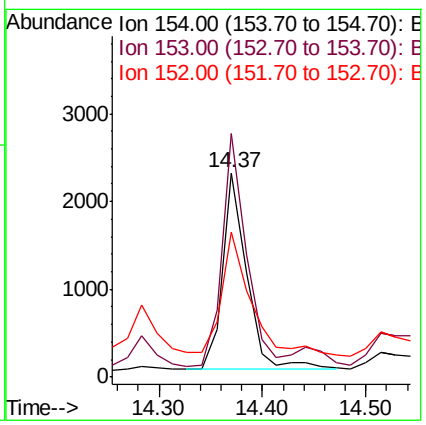


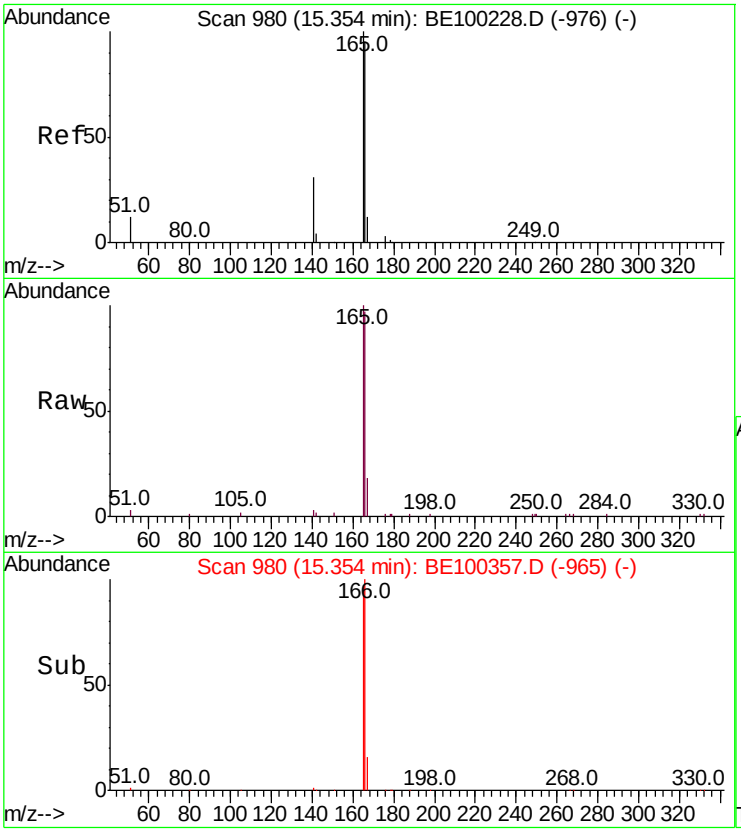


#17
Acenaphthene
Concen: 0.660 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:154 Resp: 3675

Ion	Ratio	Lower	Upper
154	100		
153	121.4	93.4	140.2
152	73.4	49.4	74.2



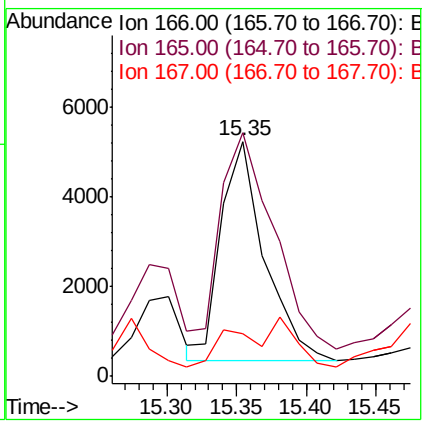


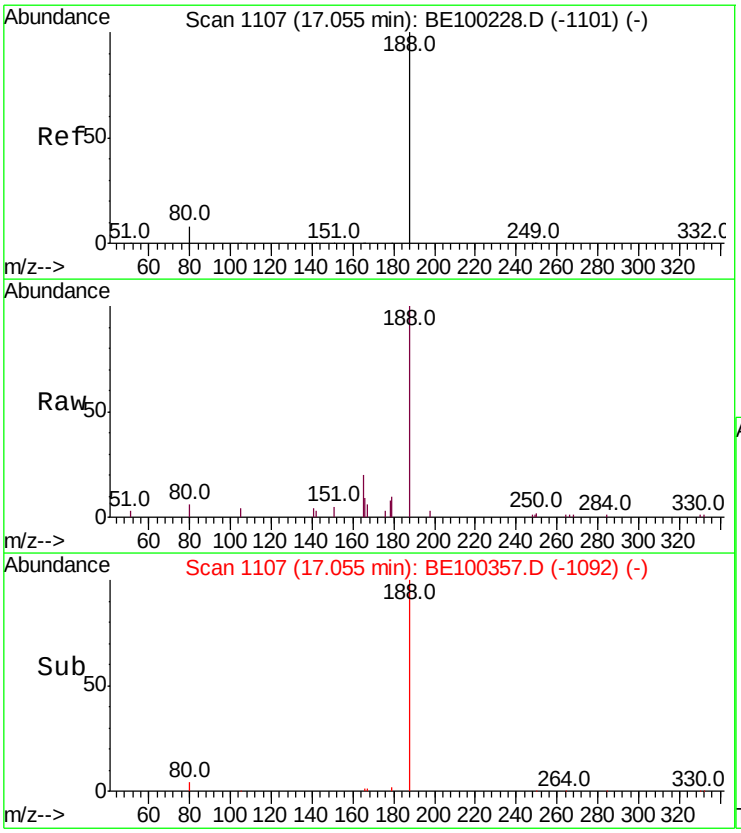
#18
Fluorene
Concen: 1.284 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:166 Resp: 10572

Ion	Ratio	Lower	Upper
166	100		
165	120.3	81.1	121.7
167	16.5	10.7	16.1#

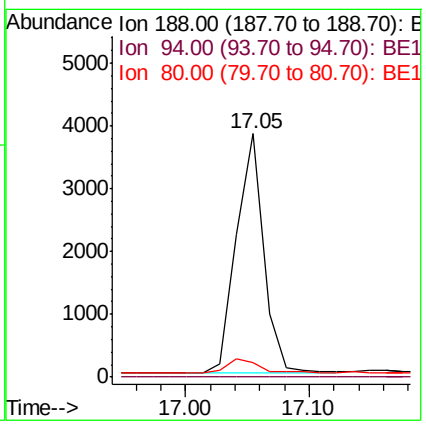


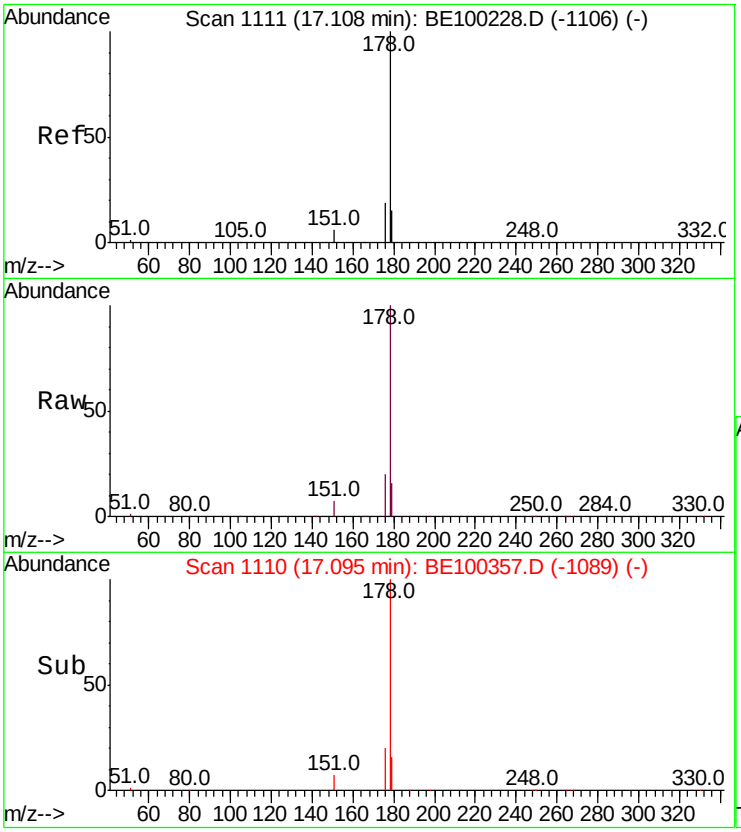


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:188 Resp: 5815

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	7.6	11.4#



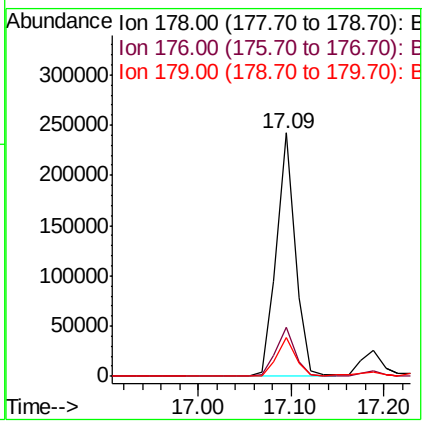


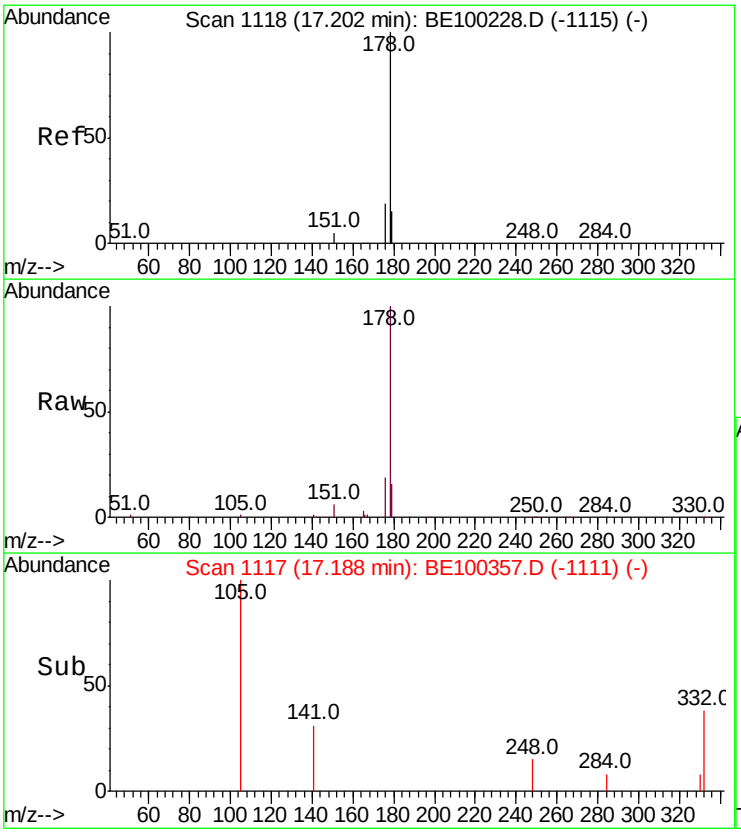
#23
Phenanthrene
Concen: 24.360 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:178 Resp: 343321

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.7	12.2	18.2

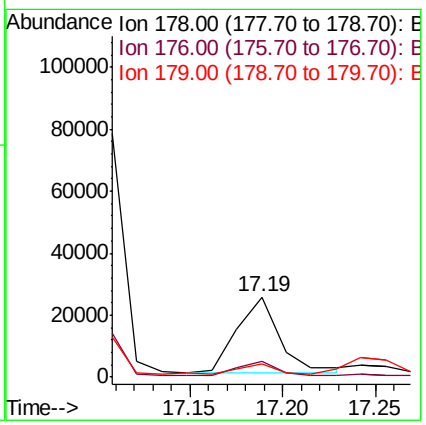


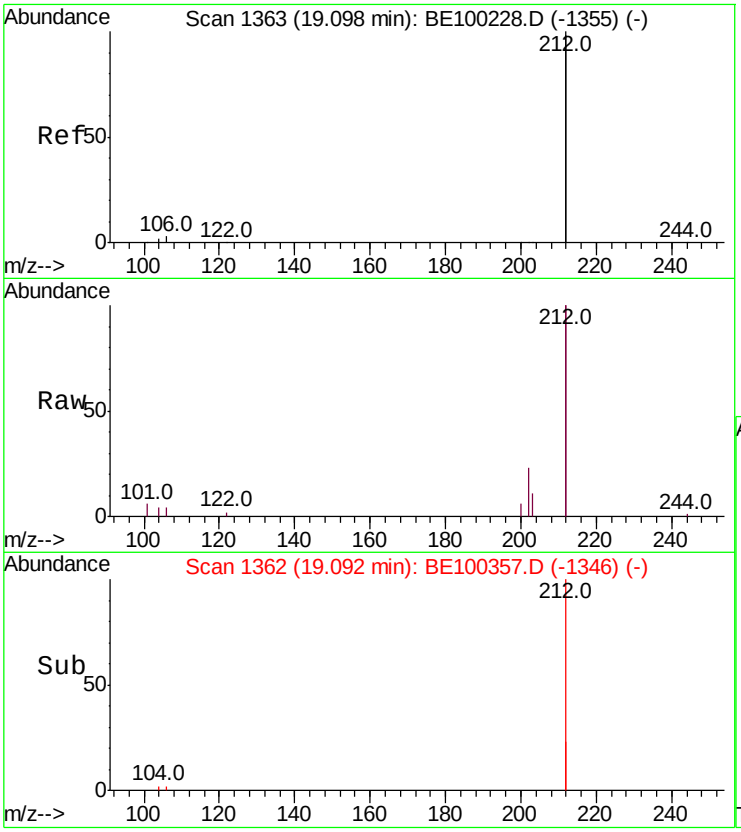


#24
Anthracene
Concen: 3.054 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:178 Resp: 38767

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	14.3	12.2	18.2



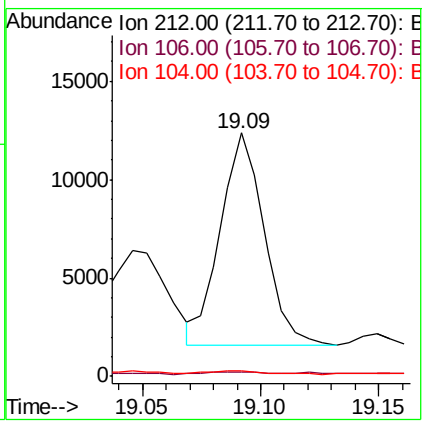


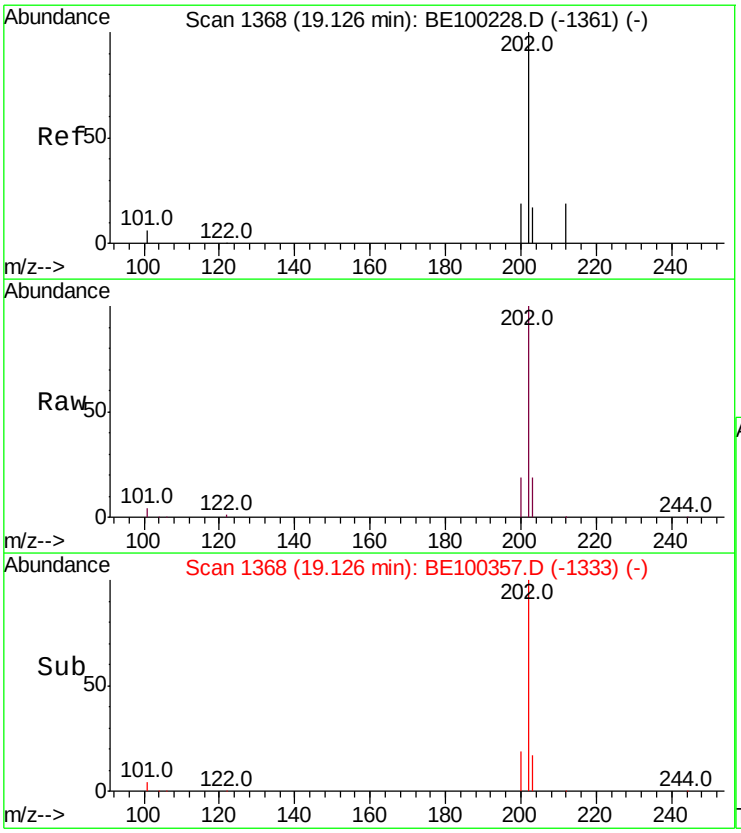
#25
Fluoranthene-d10
Concen: 0.165 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:212 Resp: 13931

Ion	Ratio	Lower	Upper
212	100		
106	1.3	1.3	1.9
104	1.7	0.8	1.2#

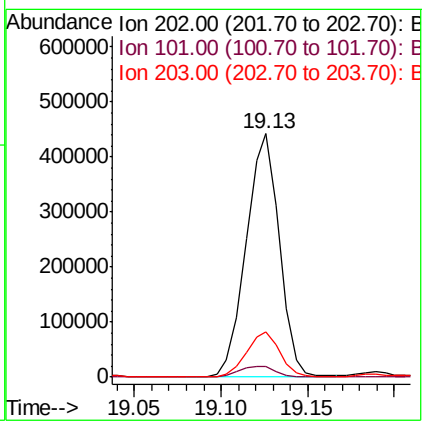


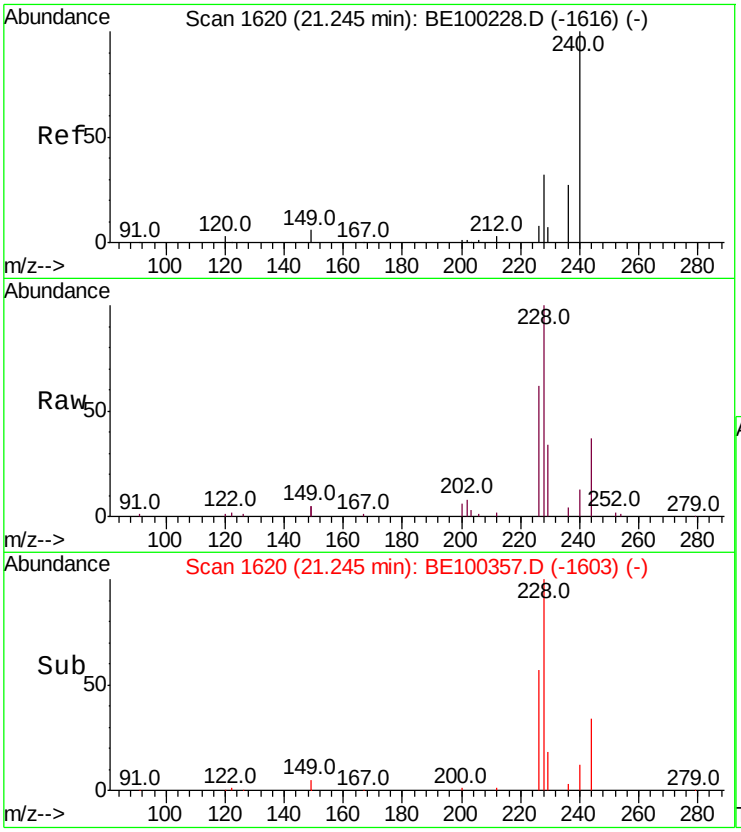


#26
Fluoranthene
Concen: 26.178 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:202 Resp: 587668

Ion	Ratio	Lower	Upper
202	100		
101	4.8	4.6	7.0
203	18.3	13.7	20.5



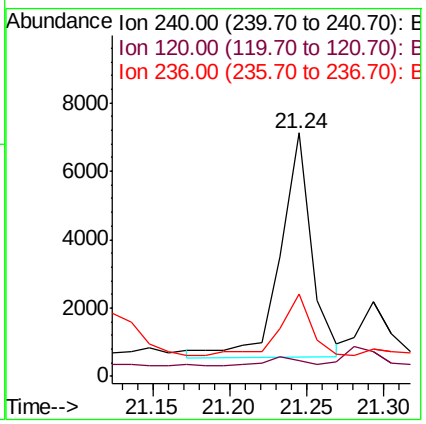


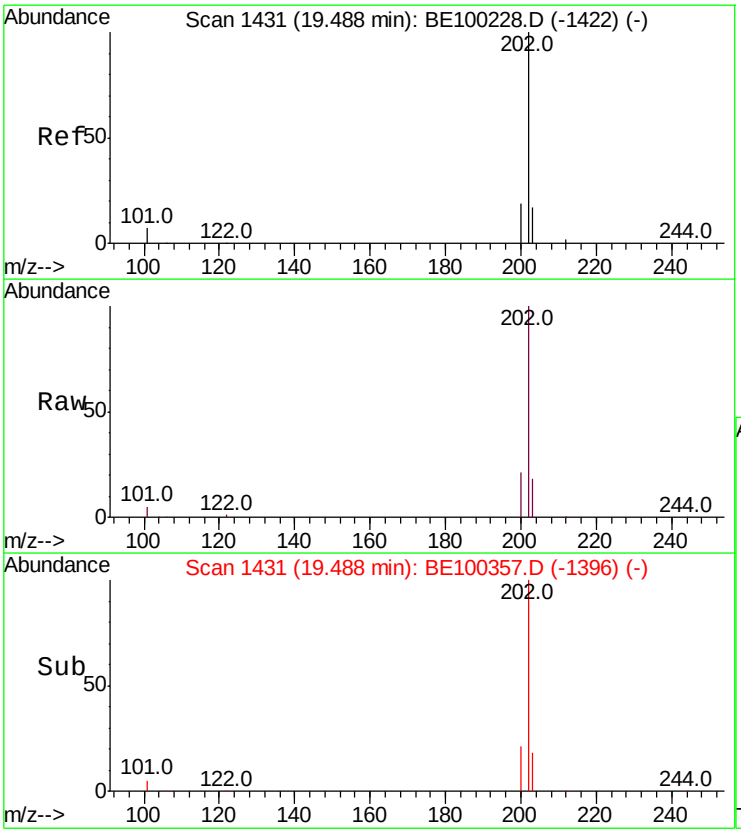
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:240 Resp: 9220

Ion	Ratio	Lower	Upper
240	100		
120	6.3	3.3	4.9#
236	33.7	22.6	34.0

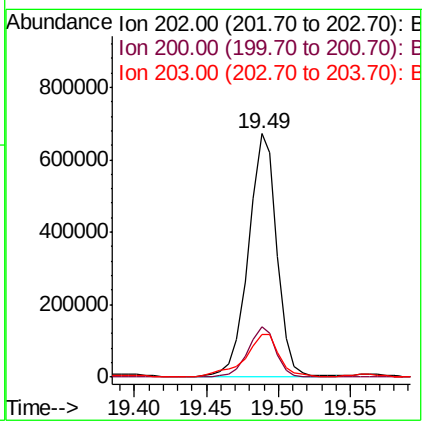


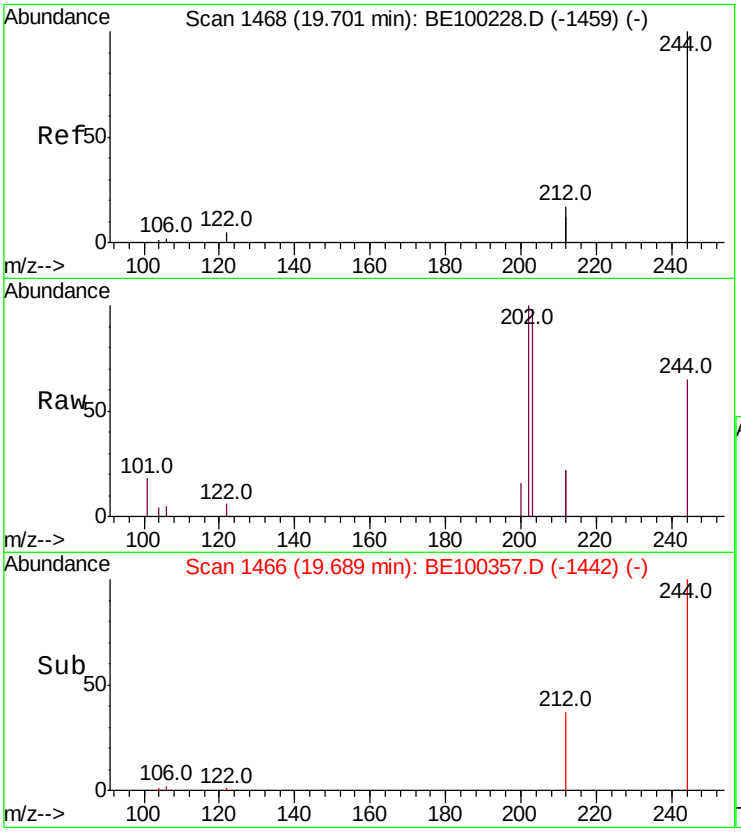


#28
Pyrene
Concen: 37.836 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:202 Resp: 923578

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.6	23.4
203	20.9	14.0	21.0



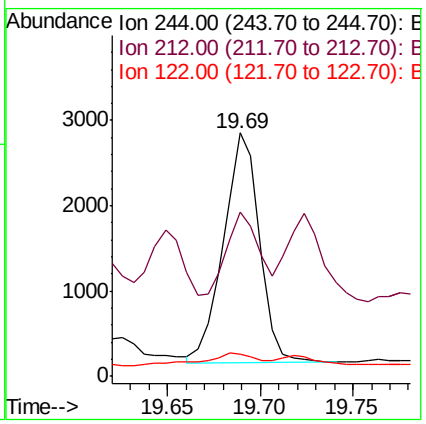


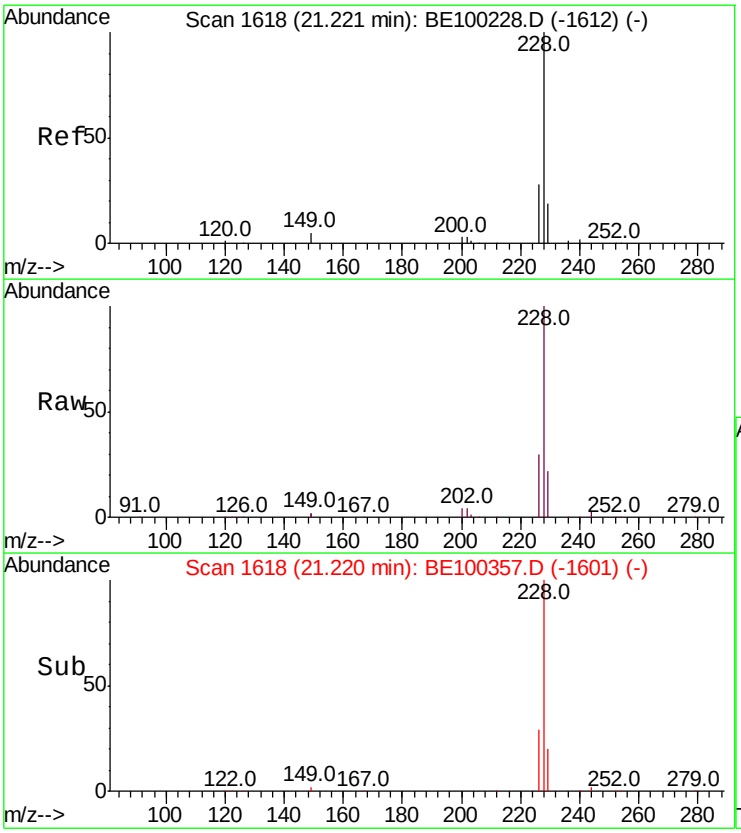
#29
Terphenyl-d14
Concen: 0.191 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:244 Resp: 3641

Ion	Ratio	Lower	Upper
244	100		
212	67.6	27.3	40.9#
122	9.2	4.7	7.1#

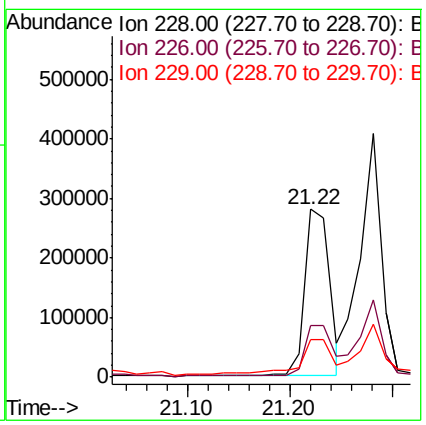


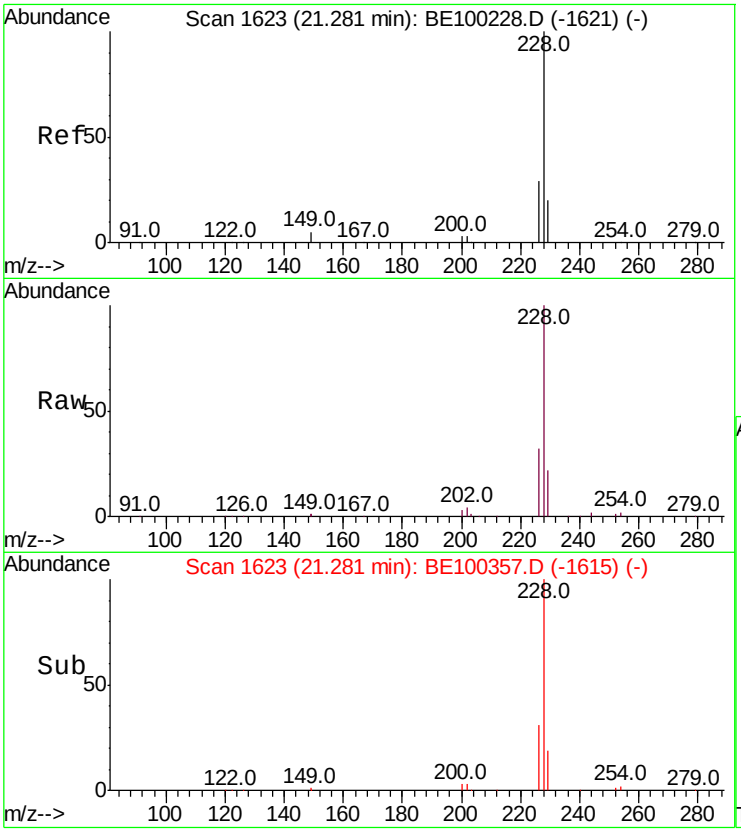


#30
Benzo(a)anthracene
Concen: 15.559 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:228 Resp: 471681

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.2	34.8
229	22.4	15.7	23.5



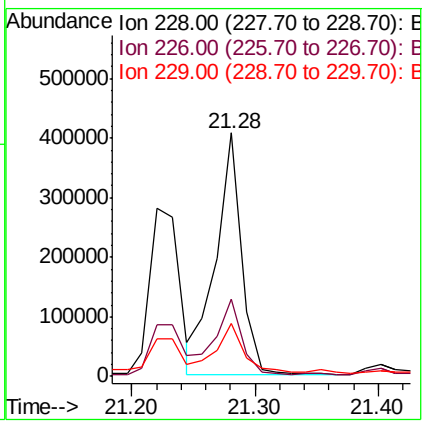


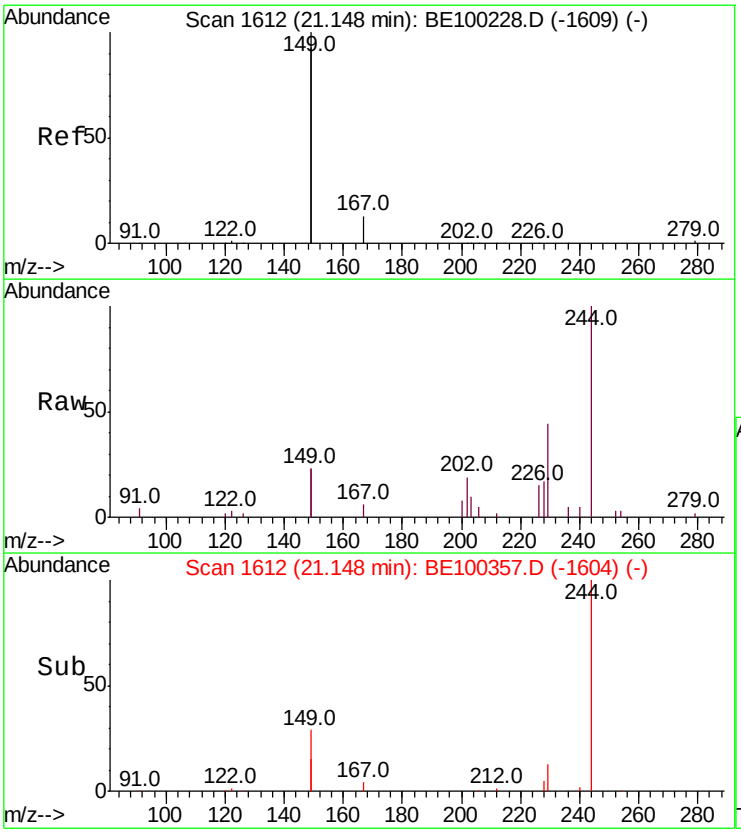
#31
Chrysene
Concen: 19.306 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:228 Resp: 587696

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.9	35.9
229	21.7	16.5	24.7

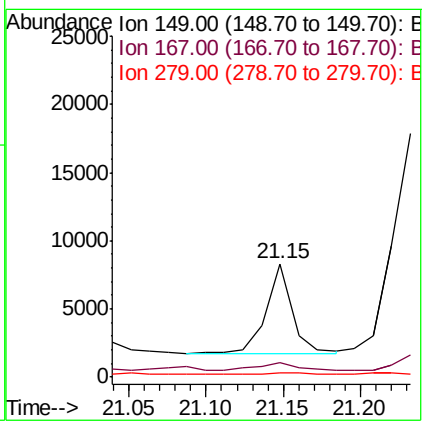


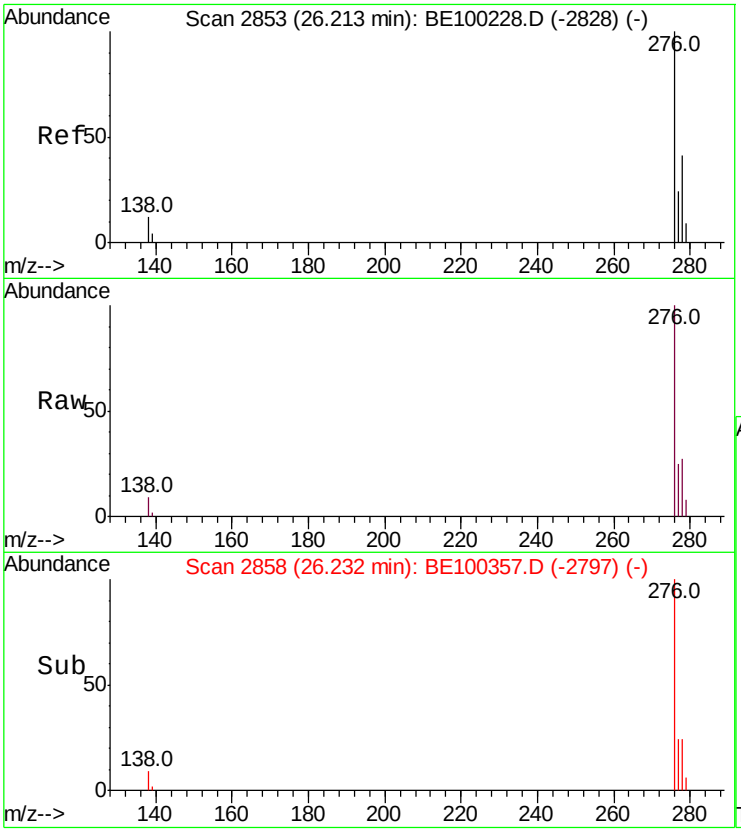


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:149 Resp: 7706

Ion	Ratio	Lower	Upper
149	100		
167	13.5	5.8	8.8#
279	2.2	1.1	1.7#



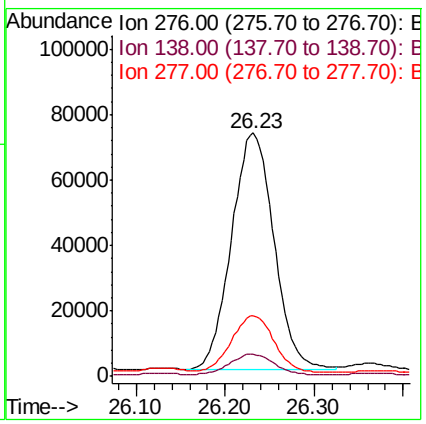


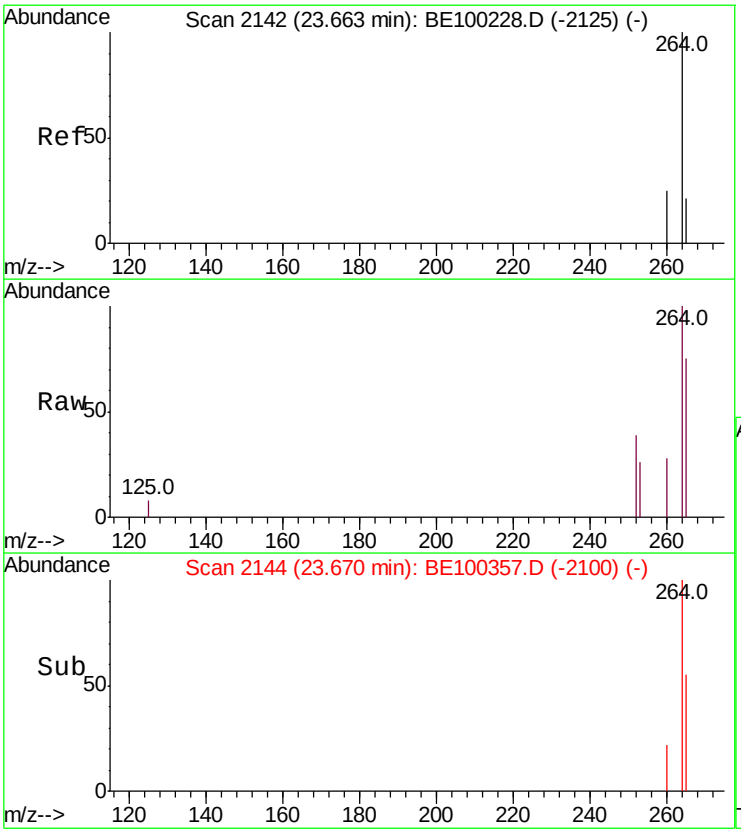
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.943 ng
RT: 26.23 min Scan# 2858
Delta R.T. 0.02 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:276 Resp: 239292

Ion	Ratio	Lower	Upper
276	100		
138	8.7	9.4	14.0#
277	24.4	19.2	28.8

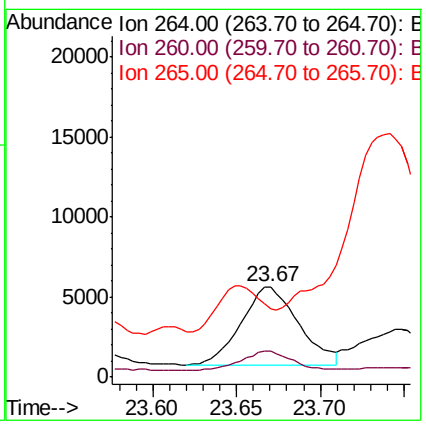


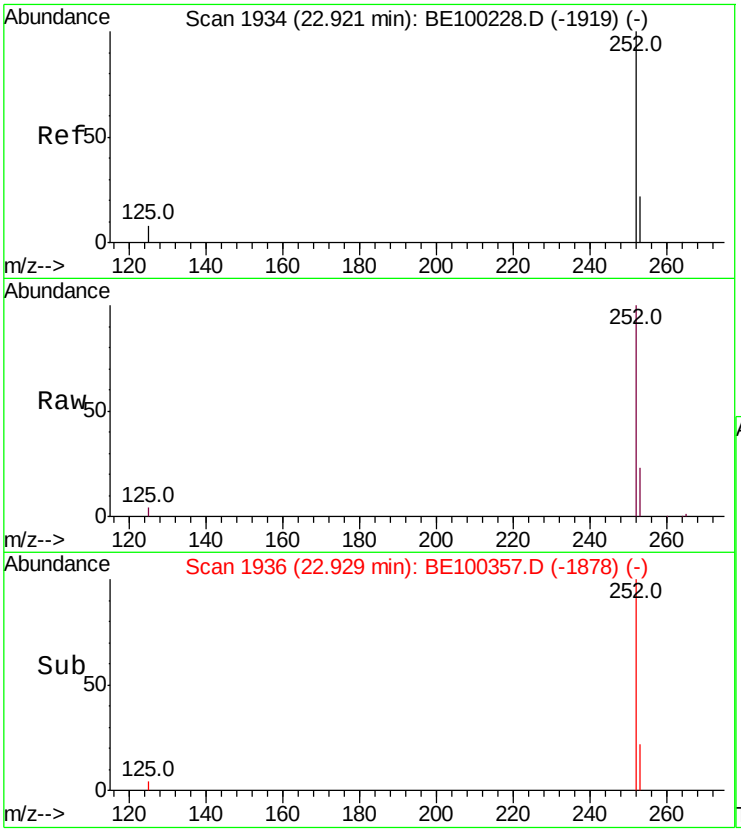


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:264 Resp: 11579

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.8	31.2
265	75.4	21.8	32.6#



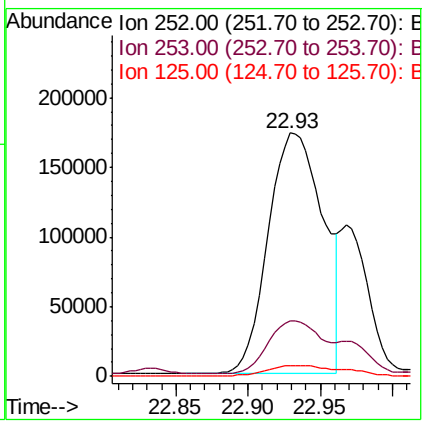


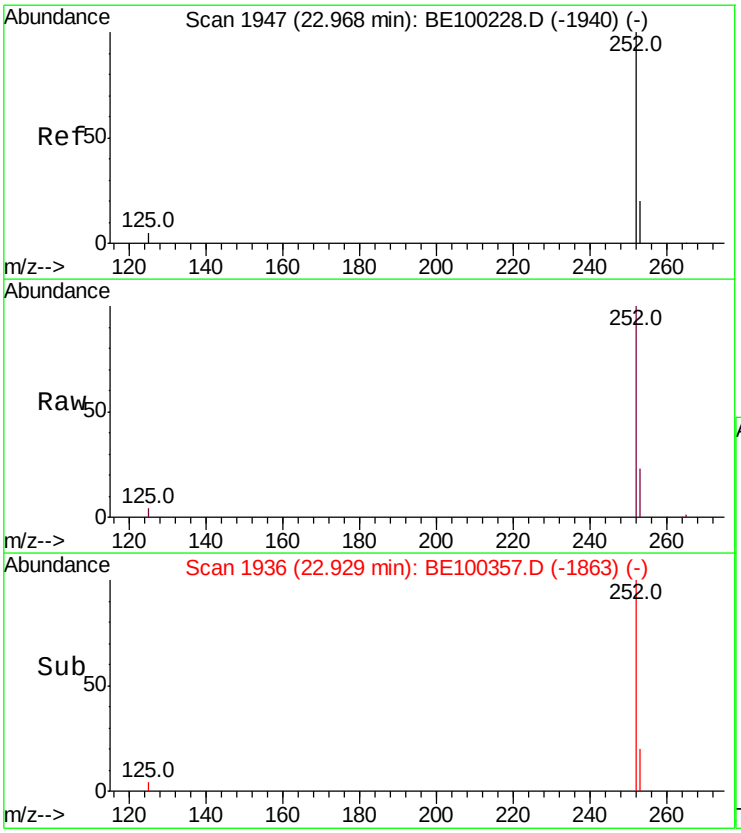
#35
Benzo(b)fluoranthene
Concen: 14.654 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:252 Resp: 460039

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	4.4	7.4	11.0#

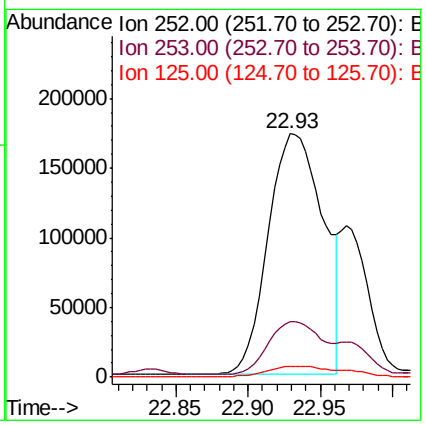


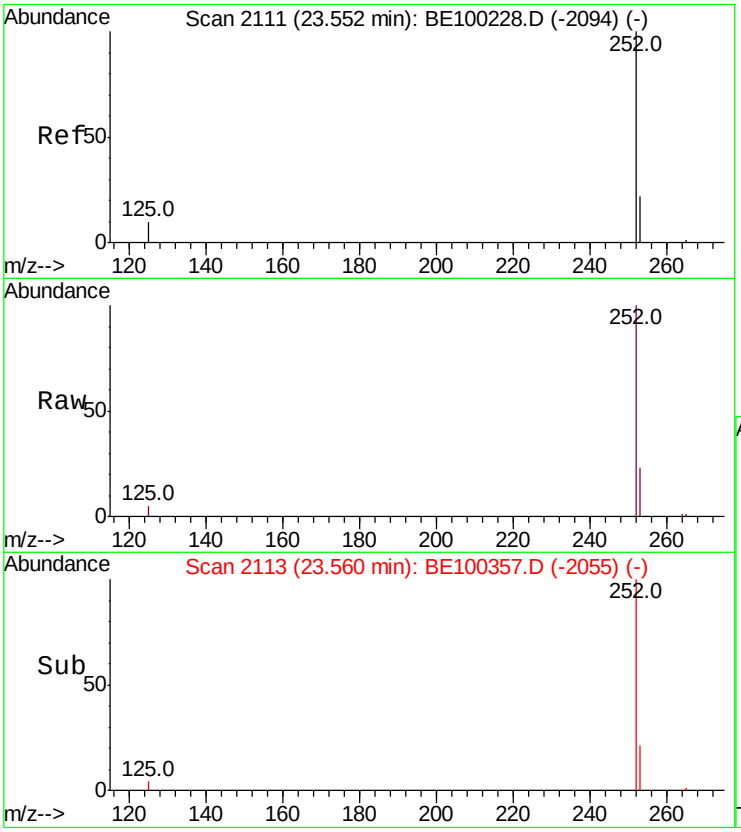


#36
Benzo(k)fluoranthene
Concen: 13.128 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:252 Resp: 460039

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	4.4	5.0	7.4#



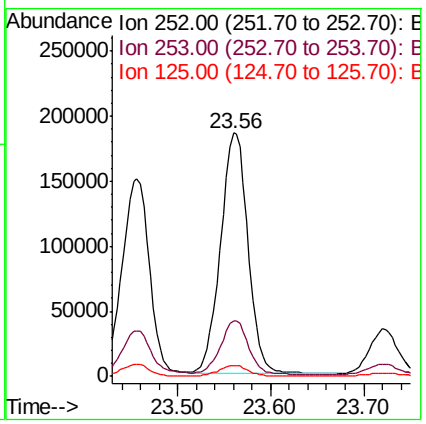


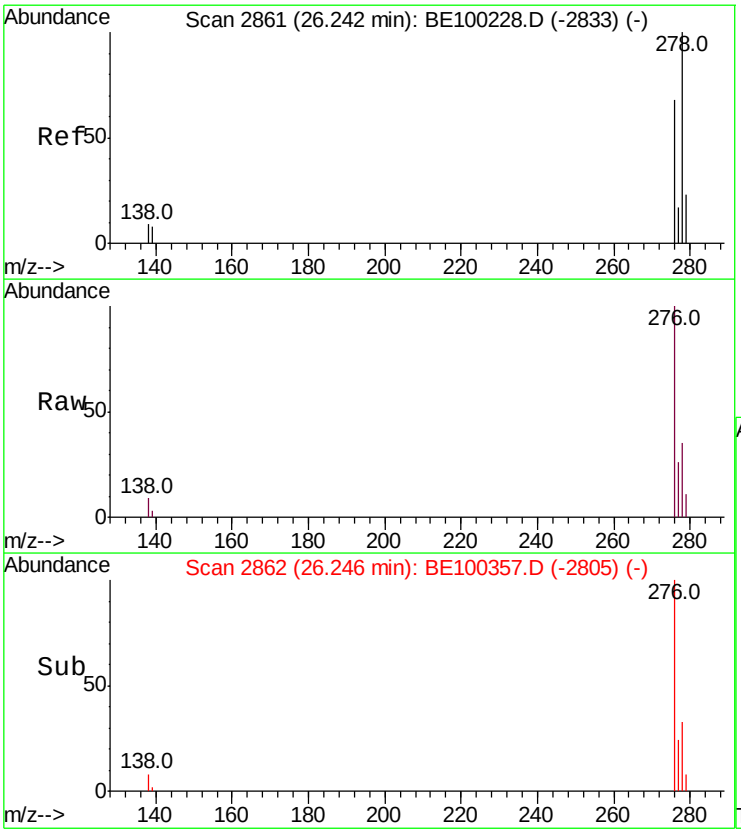
#37
Benzo(a)pyrene
Concen: 12.059 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:252 Resp: 379425

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.6	29.4
125	4.5	9.0	13.6#

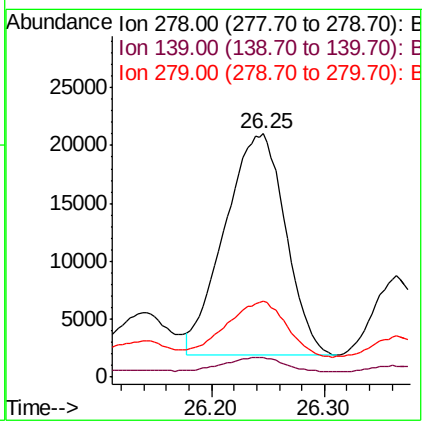


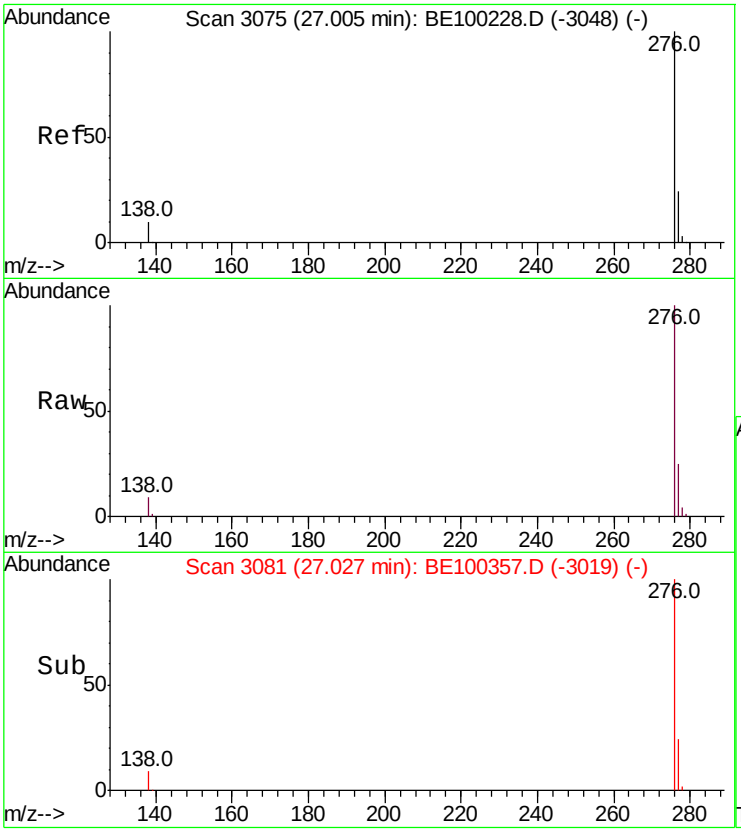


#38
Dibenzo(a,h)anthracene
Concen: 2.176 ng
RT: 26.25 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Tgt Ion:278 Resp: 71506

Ion	Ratio	Lower	Upper
278	100		
139	8.1	8.2	12.2#
279	31.0	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 8.400 ng
RT: 27.03 min Scan# 3081
Delta R.T. 0.02 min
Lab File: BE100357.D
Acq: 4 Jul 2019 9:12

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW084-062519

Tgt Ion:276 Resp: 283571

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.2
138	9.2	9.0	13.6