Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100365.D
Acq On : 4 Jul 2019 14:05
Operator : JU/SJ
Sample : K3558-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-032-SW172-062519

Quant Time: Jul 05 01:15:03 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	663	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	2392	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1909	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5733	0.40	ng		0.00
27) Chrysene-d12	21.24	240	7575	0.40	ng		0.00
34) Perylene-d12	23.67	264	9890	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	422	0.25	ng		0.00
5) Phenol-d6	6.83	99	477	0.21	ng		0.00
8) Nitrobenzene-d5	8.81	82	479	0.20	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	915	0.20	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	315	0.24	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	1479	0.20	ng		-0.02
25) Fluoranthene-d10	19.09	212	14180	0.17	ng		0.00
29) Terphenyl-d14	19.69	244	3122	0.20	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.48	128	7639	0.290	ng		99
12) 2-Methylnaphthalene	12.11	142	791	0.171	ng		95
16) Acenaphthylene	14.04	152	8140	0.889	ng		100
17) Acenaphthene	14.37	154	877	0.169	ng		94
18) Fluorene	15.35	166	1933	0.252	ng	#	80
23) Phenanthrene	17.09	178	74165	5.338	ng		99
24) Anthracene	17.19	178	7987	0.638	ng		98
26) Fluoranthene	19.12	202	183342	8.284	ng		98
28) Pyrene	19.48	202	276969	13.810	ng	#	96
30) Benzo(a)anthracene	21.22	228	144986	5.821	ng		96
31) Chrysene	21.28	228	198670	7.944	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	17744	0.446	ng		97
33) Indeno(1,2,3-cd)pyrene	26.22	276	77926	2.356	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	164062	6.119	ng	#	95
36) Benzo(k)fluoranthene	22.93	252	164062	5.481	ng	#	98
37) Benzo(a)pyrene	23.56	252	127826	4.756	ng	#	93
38) Dibenzo(a,h)anthracene	26.23	278	22272	0.794	ng	#	92
39) Benzo(g,h,i)perylene	27.02	276	90786	3.149	ng		98

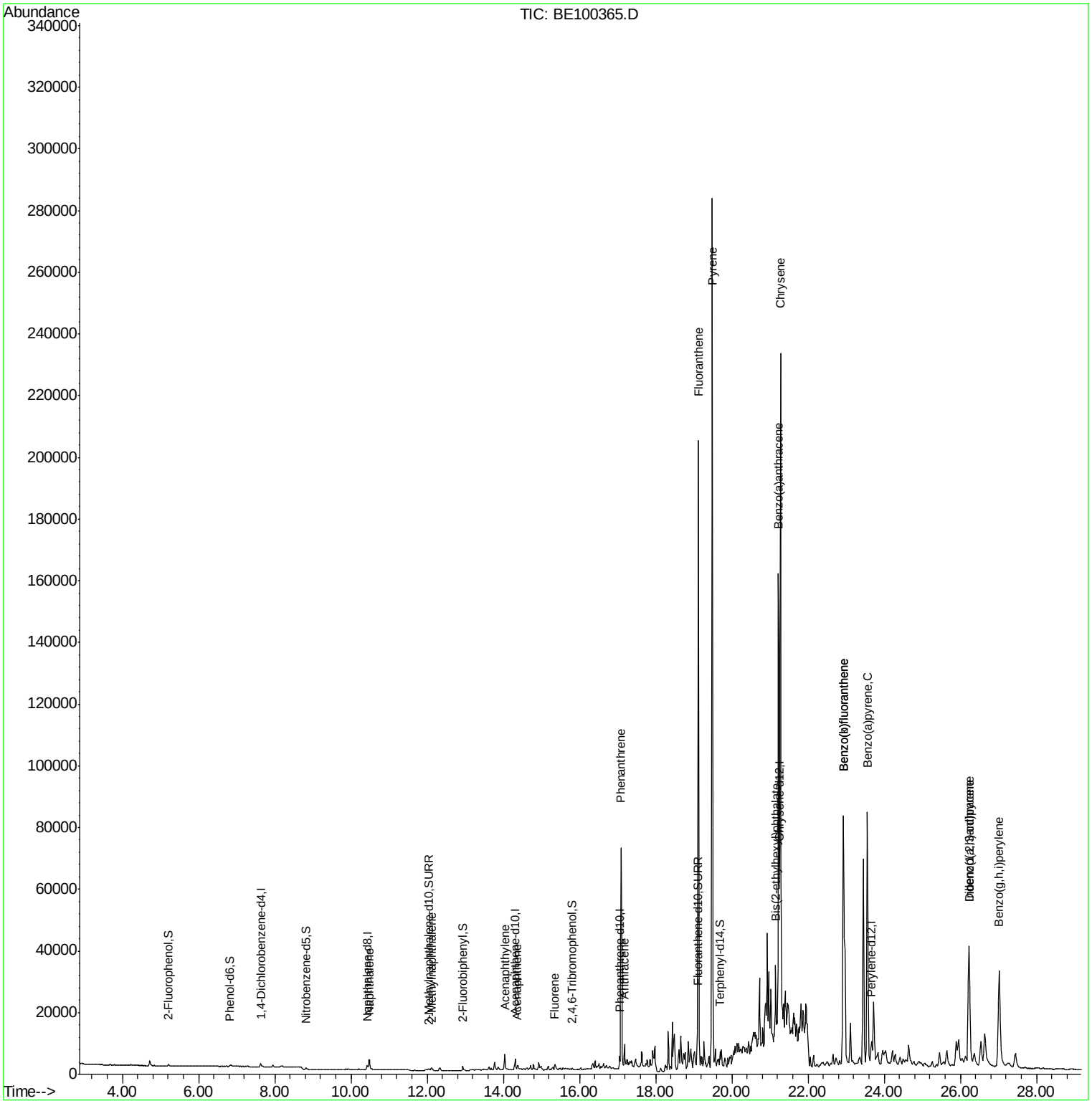
(#) = qualifier out of range (m) = manual integration (+) = signals summed

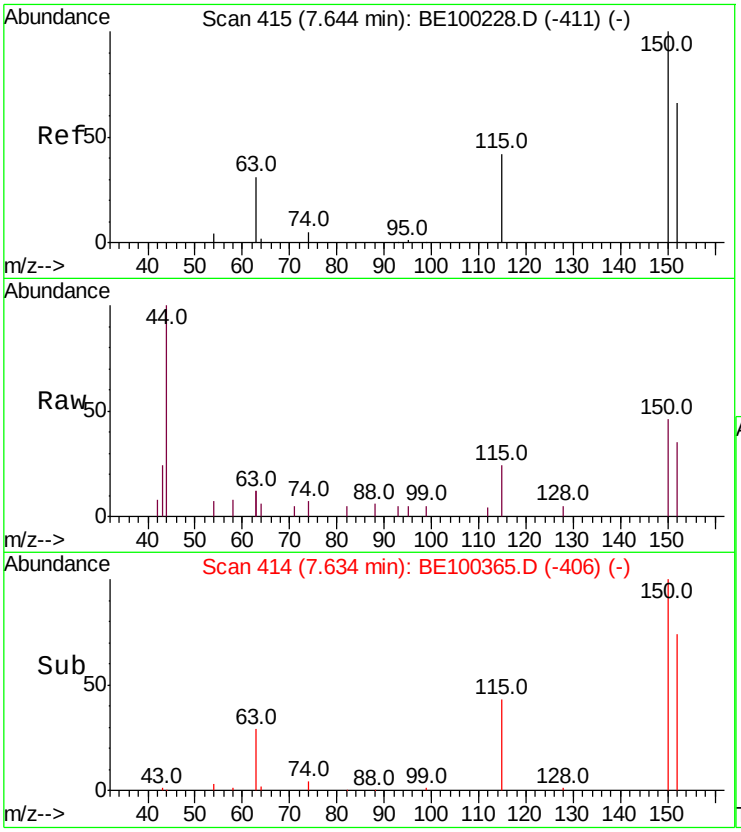
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100365.D
Acq On : 4 Jul 2019 14:05
Operator : JU/SJ
Sample : K3558-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Quant Time: Jul 05 01:15:03 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



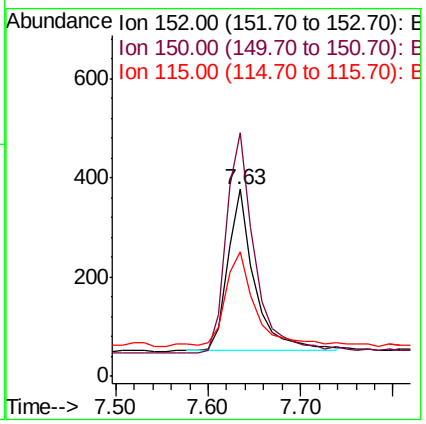


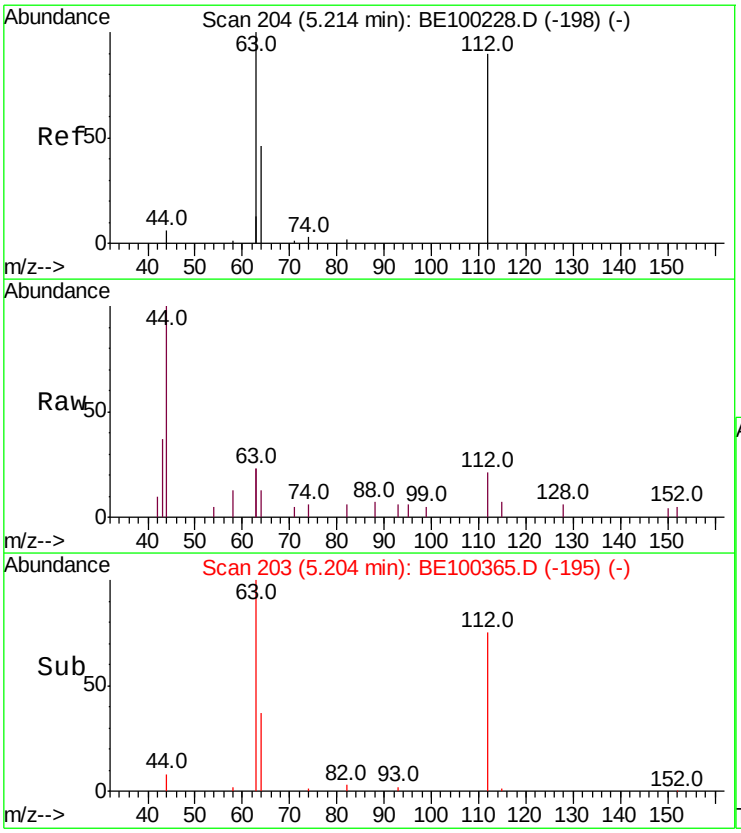
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:152 Resp: 663

Ion	Ratio	Lower	Upper
152	100		
150	130.2	114.5	171.7
115	66.8	57.1	85.7

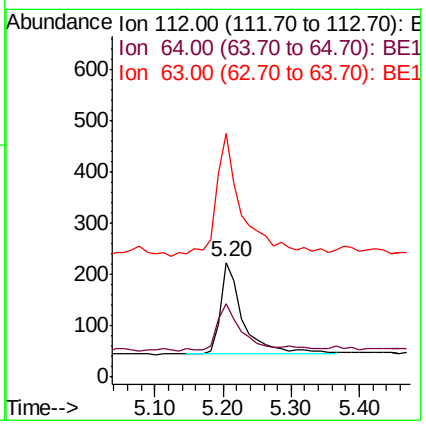


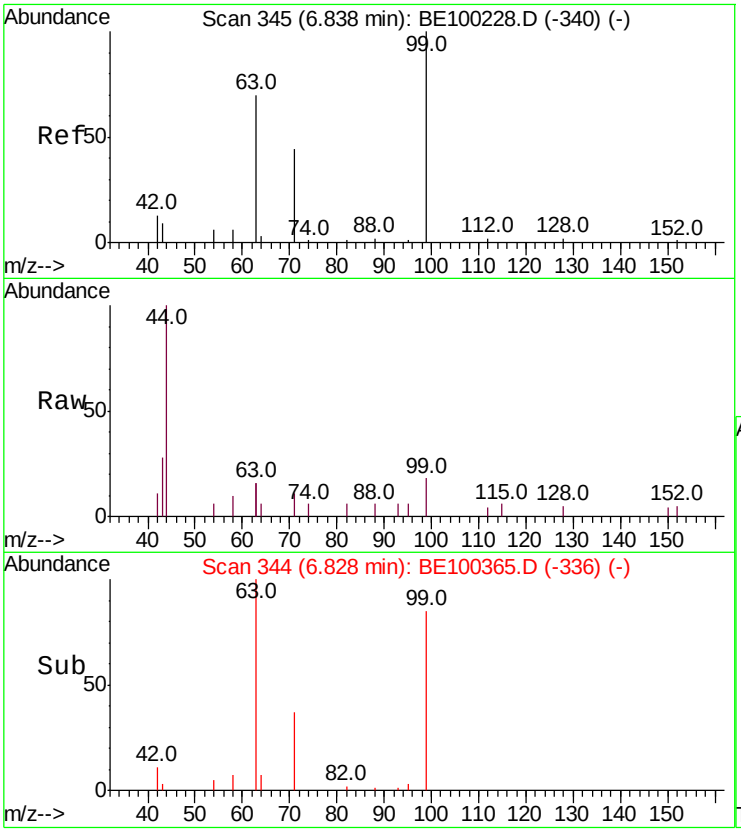


#4
2-Fluorophenol
Concen: 0.250 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:112 Resp: 422

Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.4	59.0
63	143.1	104.5	156.7



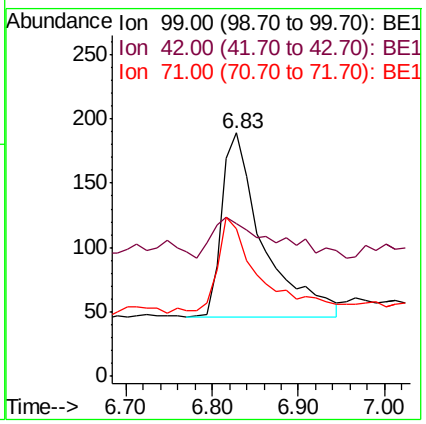


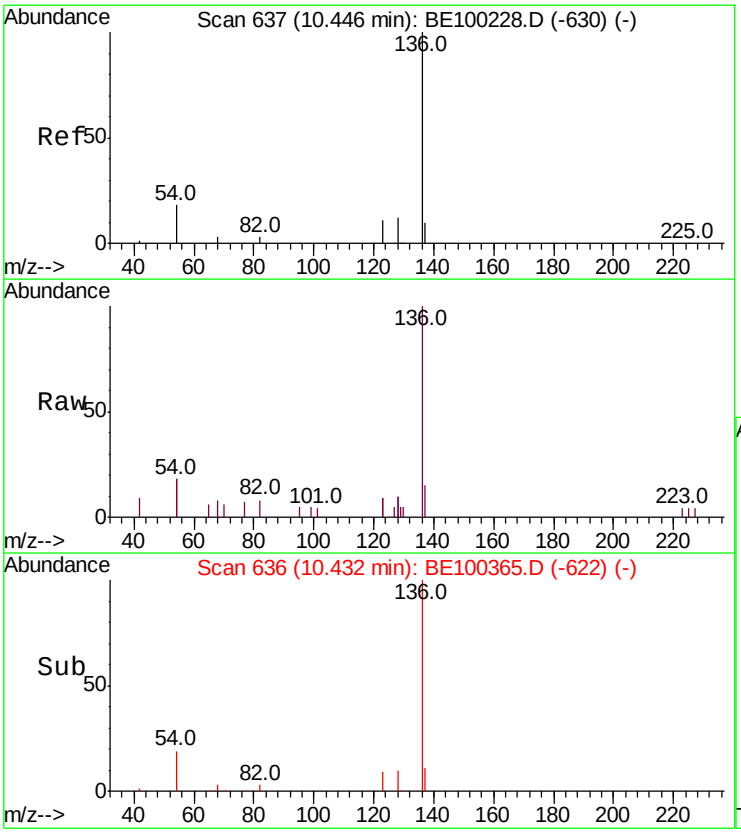
#5
Phenol-d6
Concen: 0.214 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion: 99 Resp: 477

Ion	Ratio	Lower	Upper
99	100		
42	32.3	11.2	16.8#
71	54.9	37.2	55.8

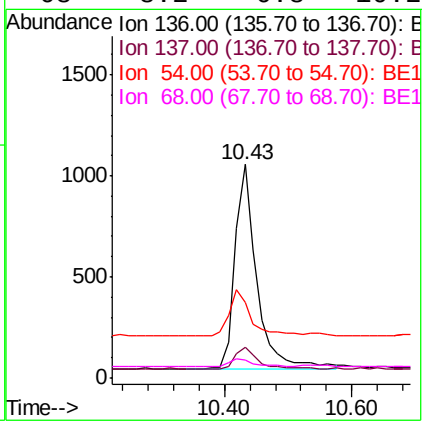


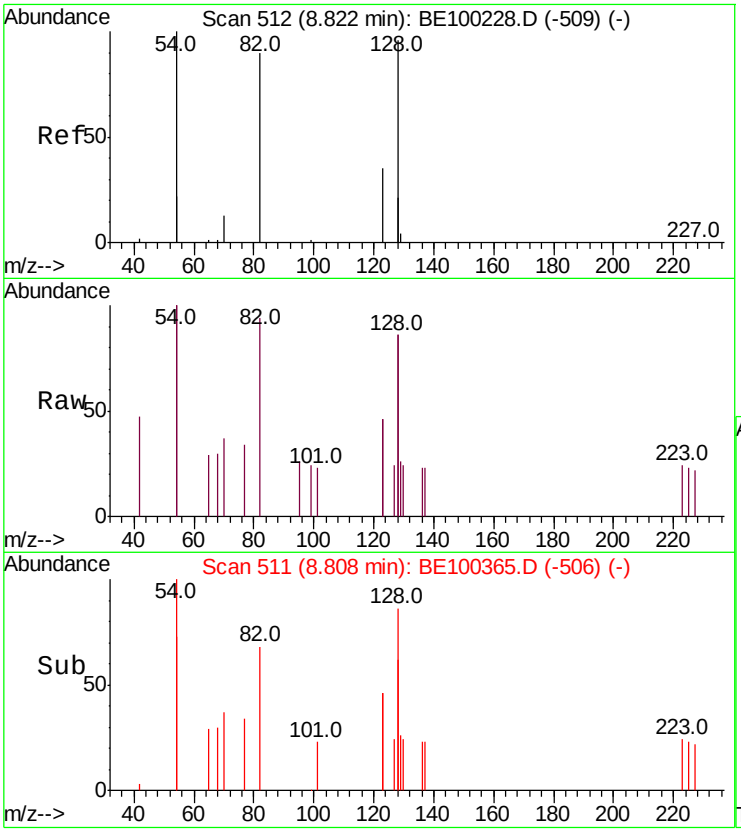


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:136 Resp: 2392

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.8	17.8
54	35.6	27.7	41.5
68	8.2	6.8	10.2



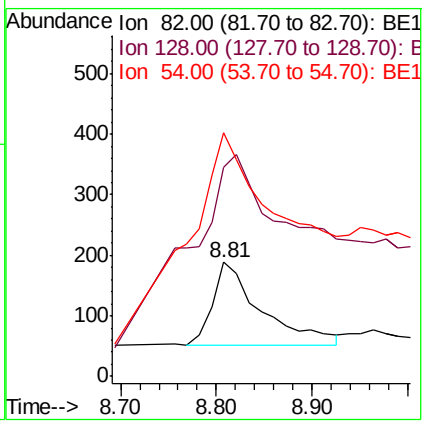


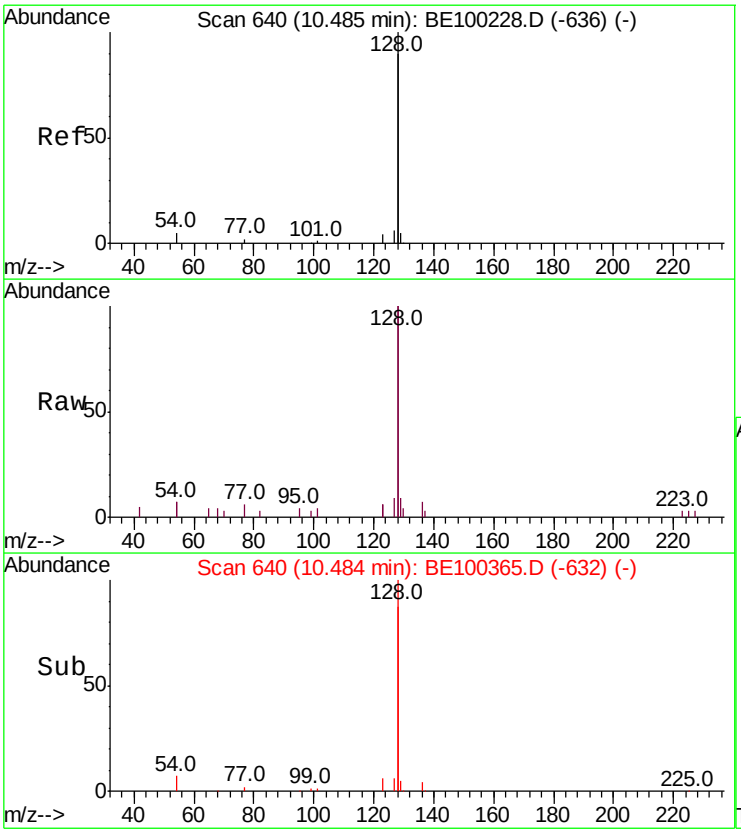
#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion: 82 Resp: 479

Ion	Ratio	Lower	Upper
82	100		
128	184.0	140.9	211.3
54	213.8	146.2	219.2

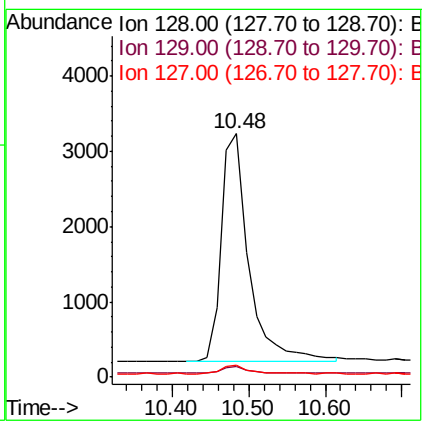


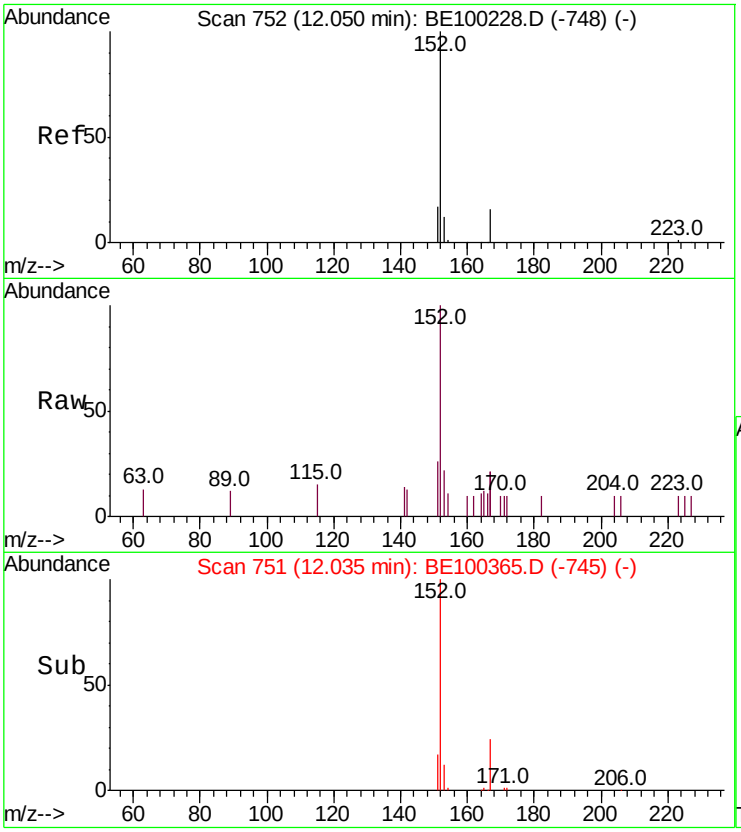


#9
Naphthalene
Concen: 0.290 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:128 Resp: 7639

Ion	Ratio	Lower	Upper
128	100		
129	4.3	3.0	4.6
127	4.7	3.5	5.3



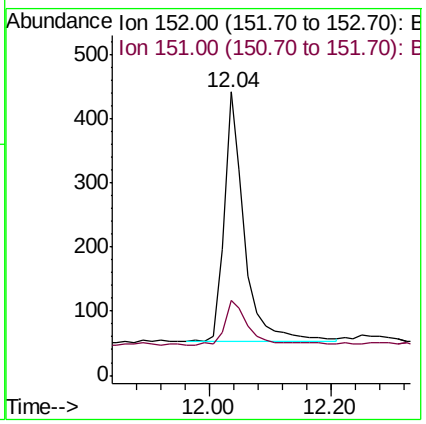


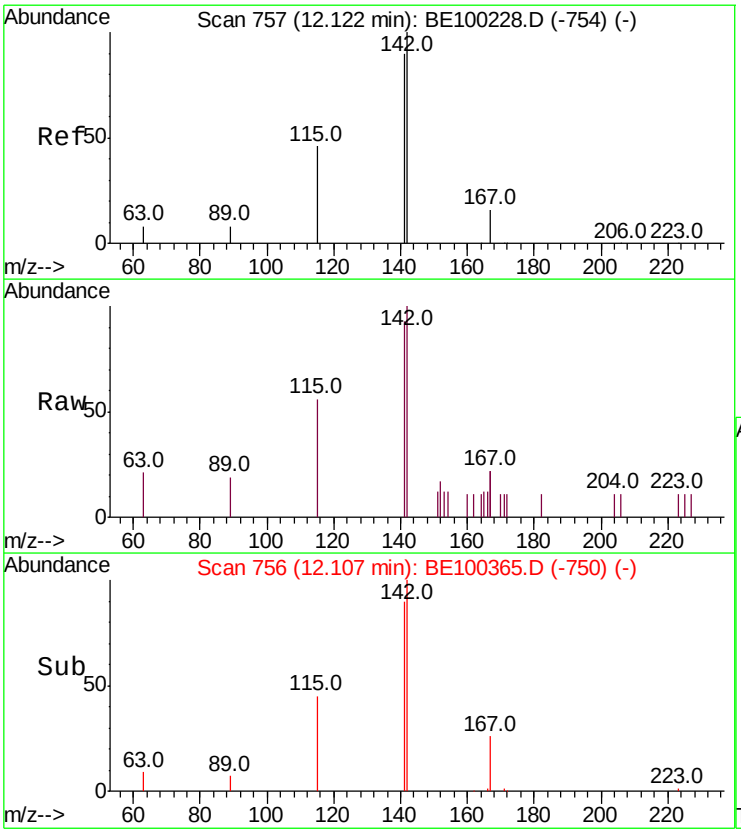
#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.02 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:152 Resp: 915

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7

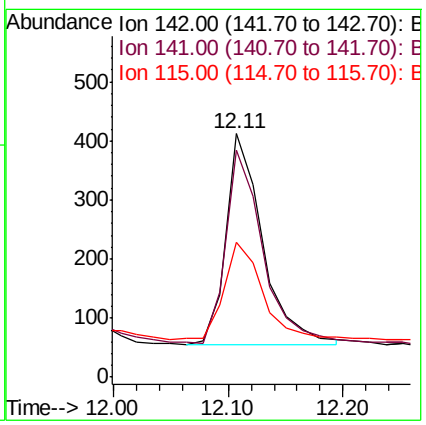


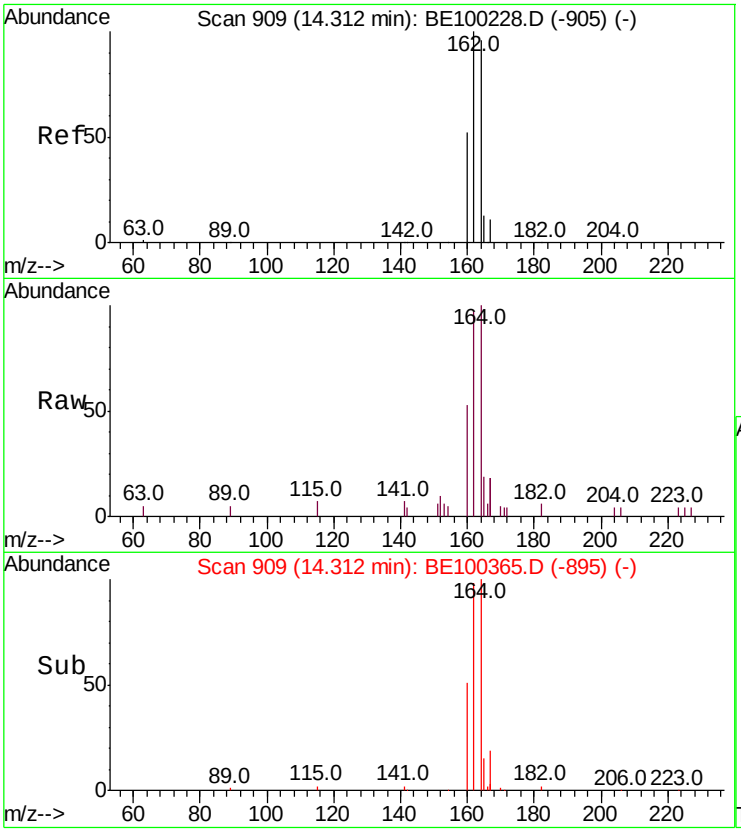


#12
2-Methylnaphthalene
Concen: 0.171 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.02 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:142 Resp: 791

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.4	108.6
115	55.6	40.4	60.6



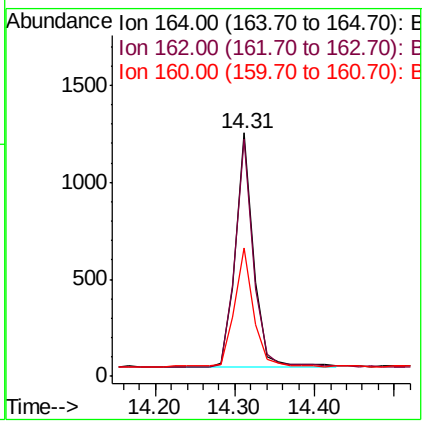


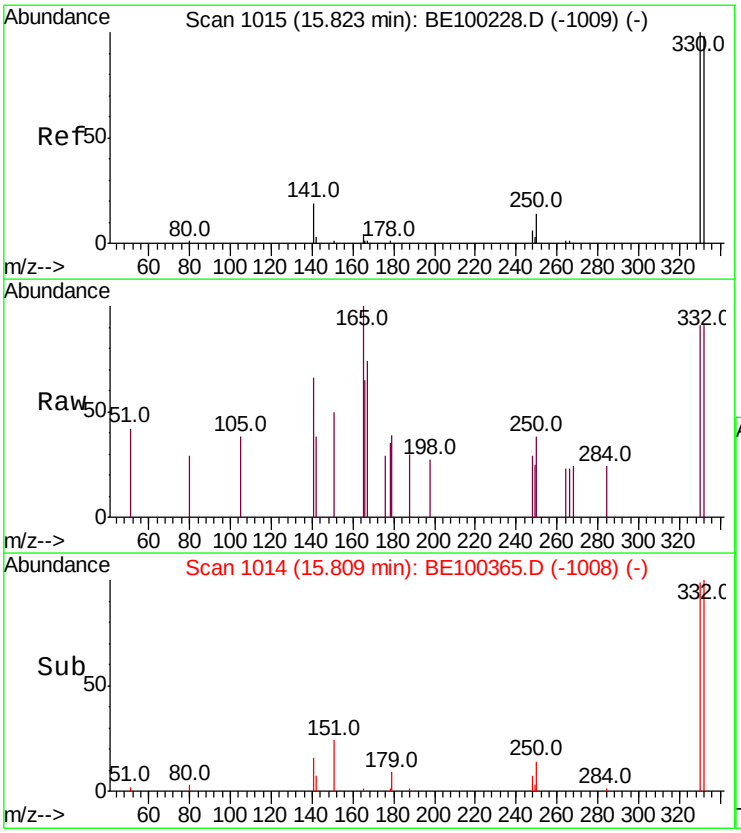
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:164 Resp: 1909

Ion	Ratio	Lower	Upper
164	100		
162	97.5	83.4	125.0
160	52.7	45.0	67.6

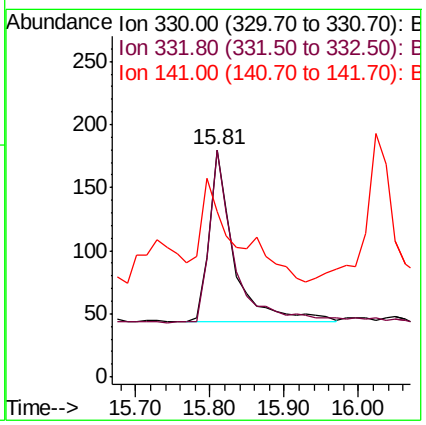


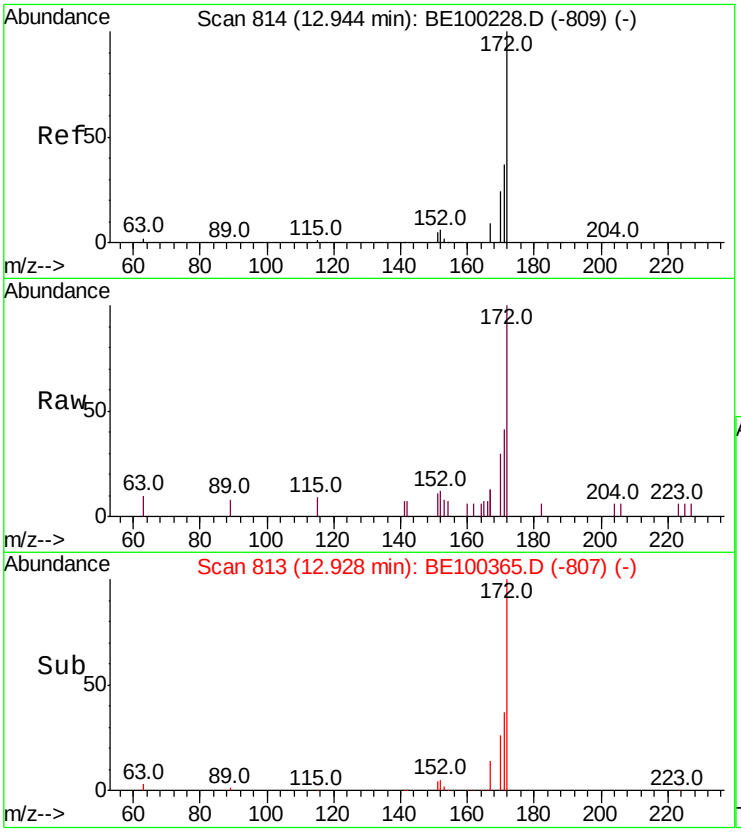


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:330 Resp: 315

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.4
141	85.7	22.0	33.0#



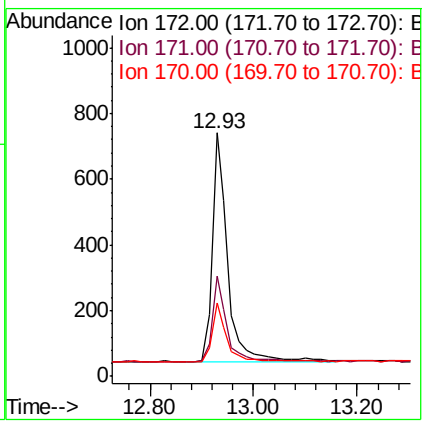


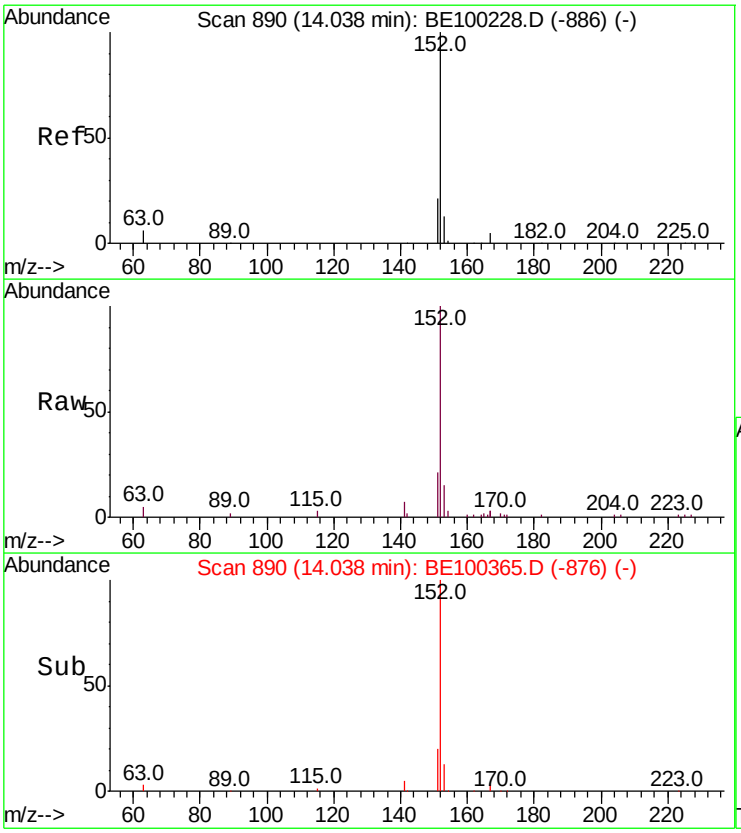
#15
2-Fluorobiphenyl
Concen: 0.199 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.02 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:172 Resp: 1479

Ion	Ratio	Lower	Upper
172	100		
171	41.2	31.9	47.9
170	30.2	22.2	33.2

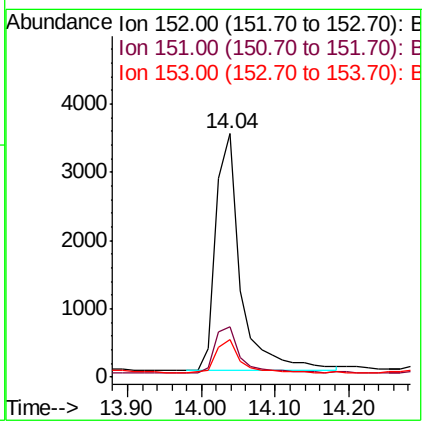


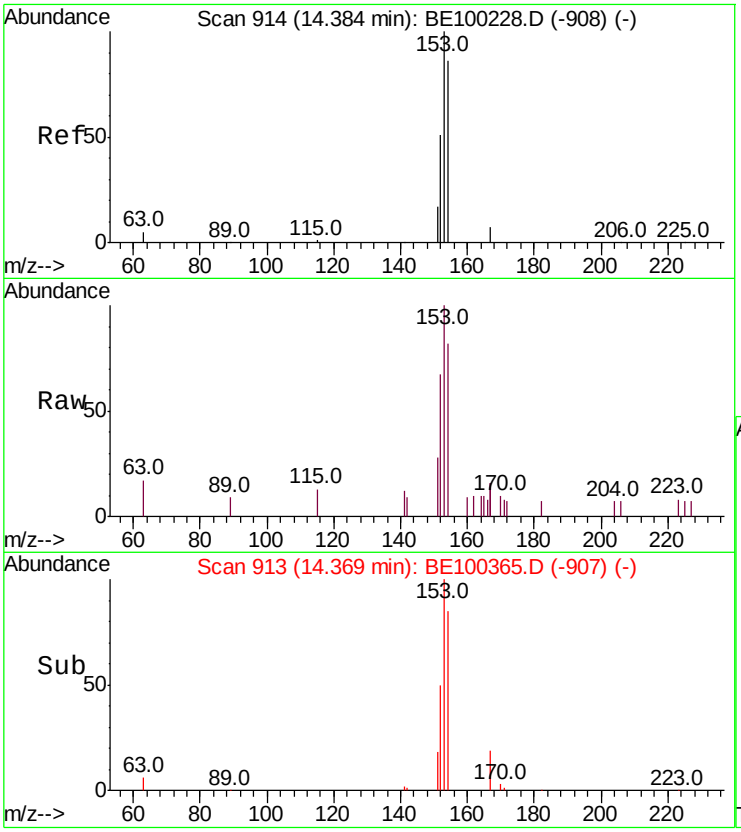


#16
Acenaphthylene
Concen: 0.889 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:152 Resp: 8140

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0
153	13.1	10.5	15.7



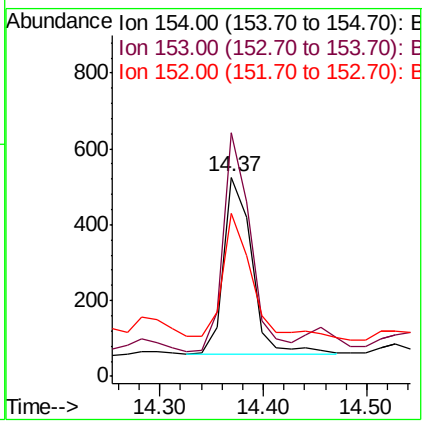


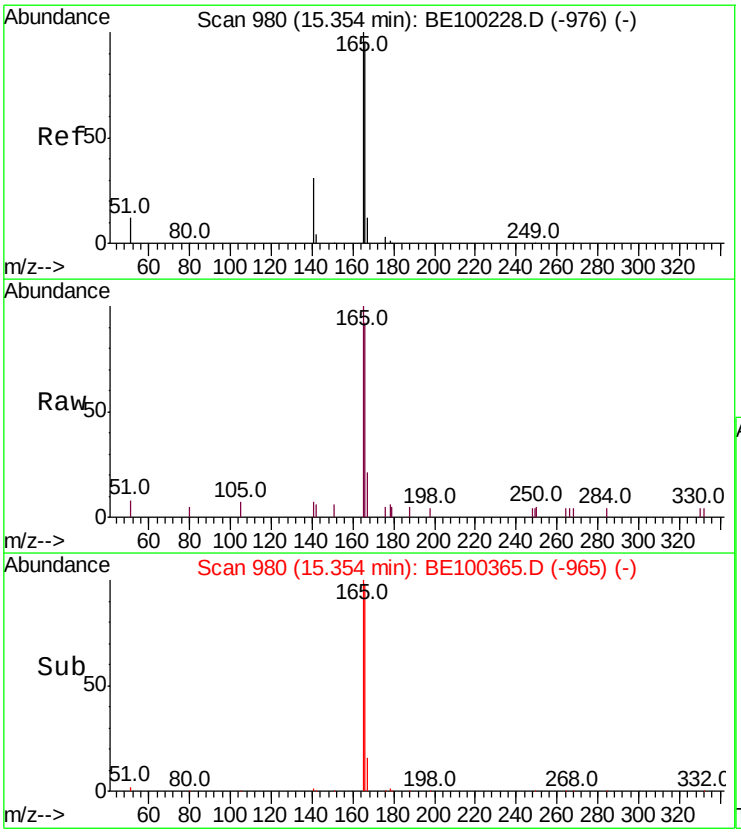
#17
Acenaphthene
Concen: 0.169 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:154 Resp: 877

Ion	Ratio	Lower	Upper
154	100		
153	119.0	93.4	140.2
152	71.0	49.4	74.2

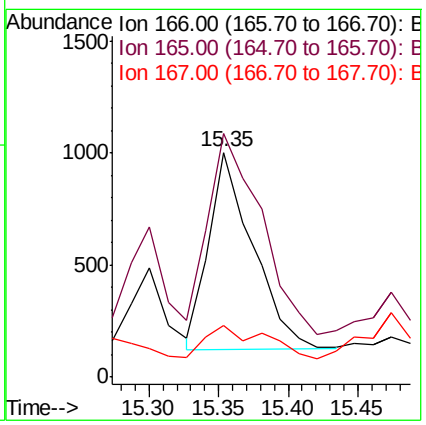


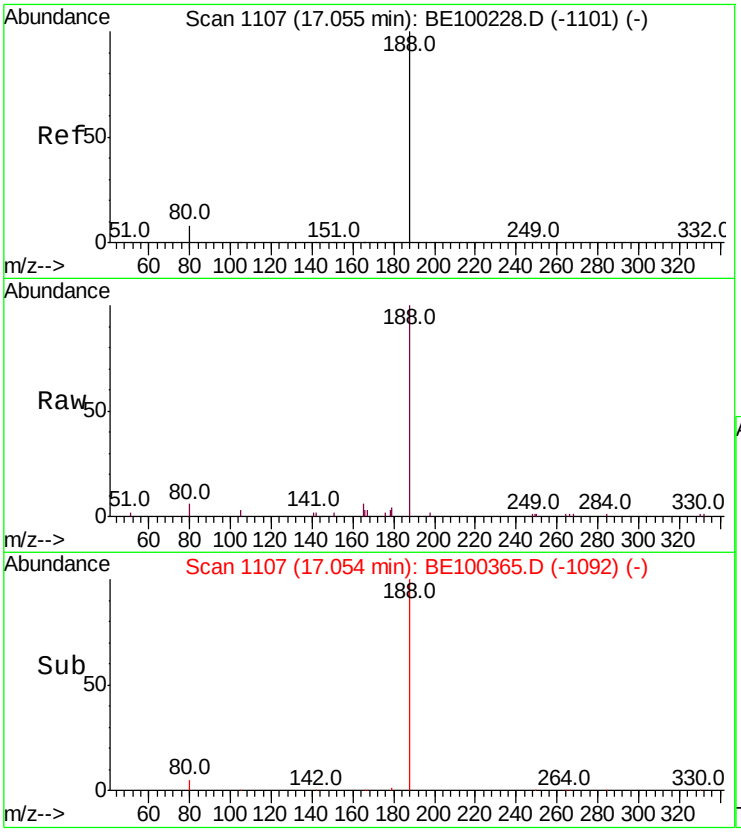


#18
Fluorene
Concen: 0.252 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:166 Resp: 1933

Ion	Ratio	Lower	Upper
166	100		
165	121.6	81.1	121.7
167	22.1	10.7	16.1#



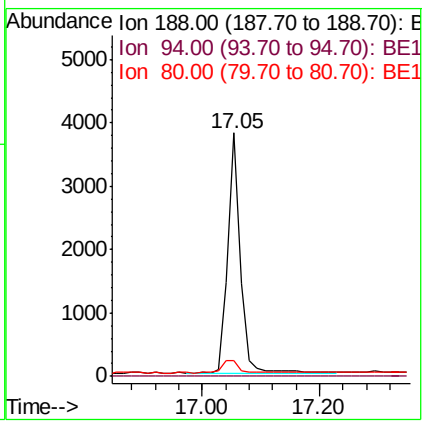


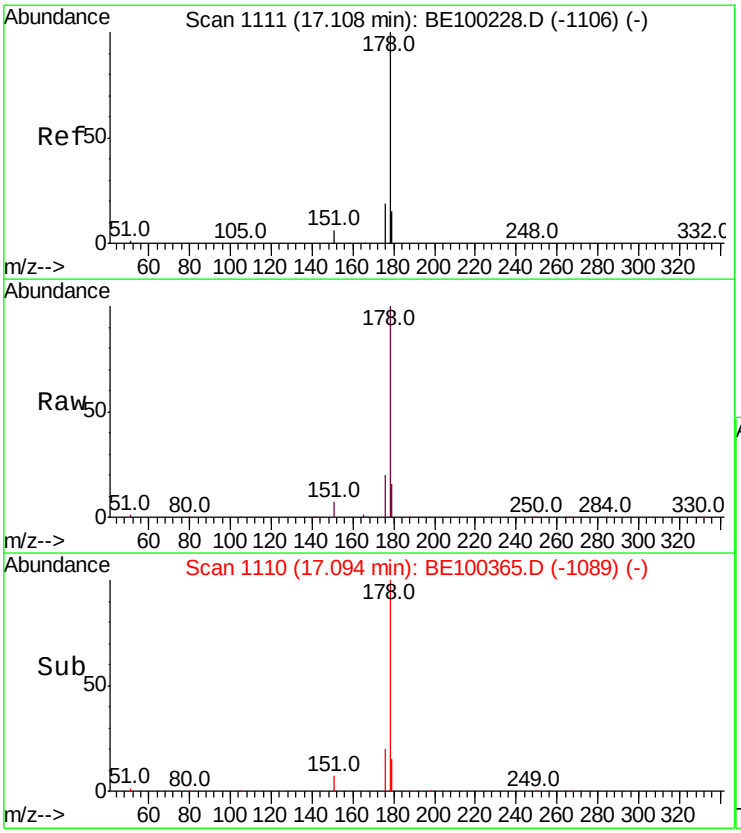
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:188 Resp: 5733

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	7.6	11.4#

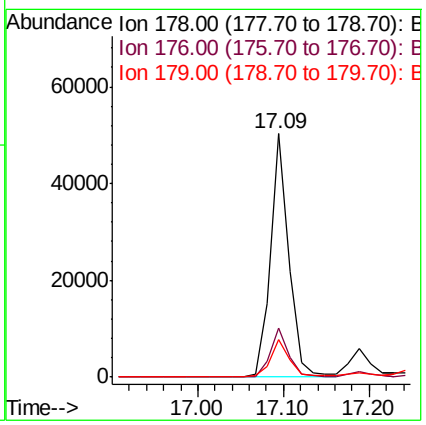


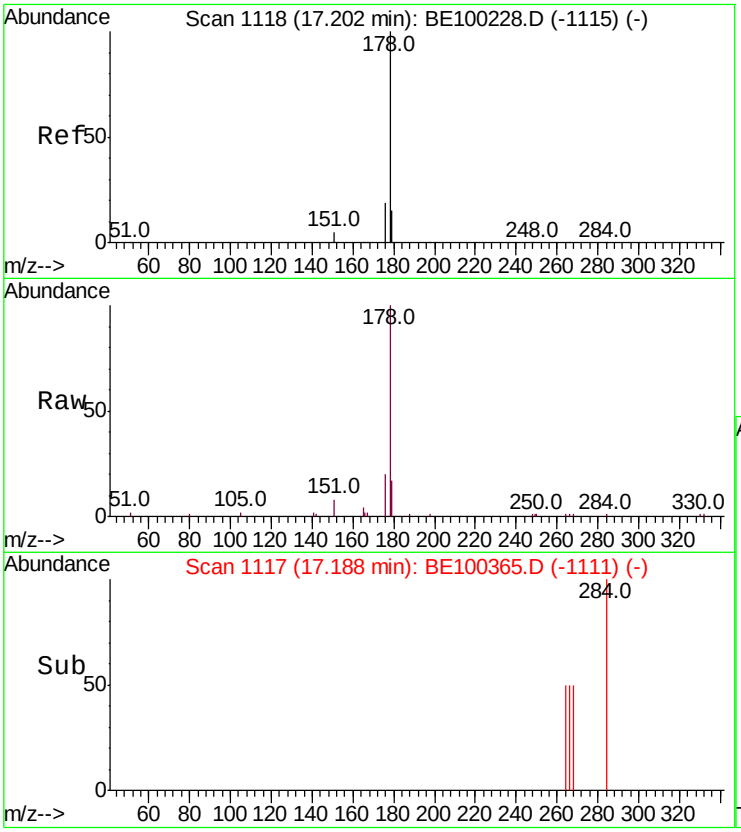


#23
Phenanthrene
Concen: 5.338 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:178 Resp: 74165

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.6	12.2	18.2



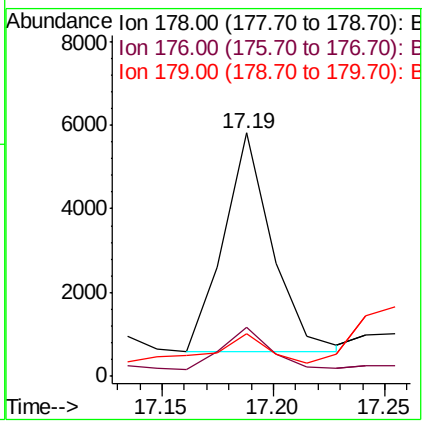


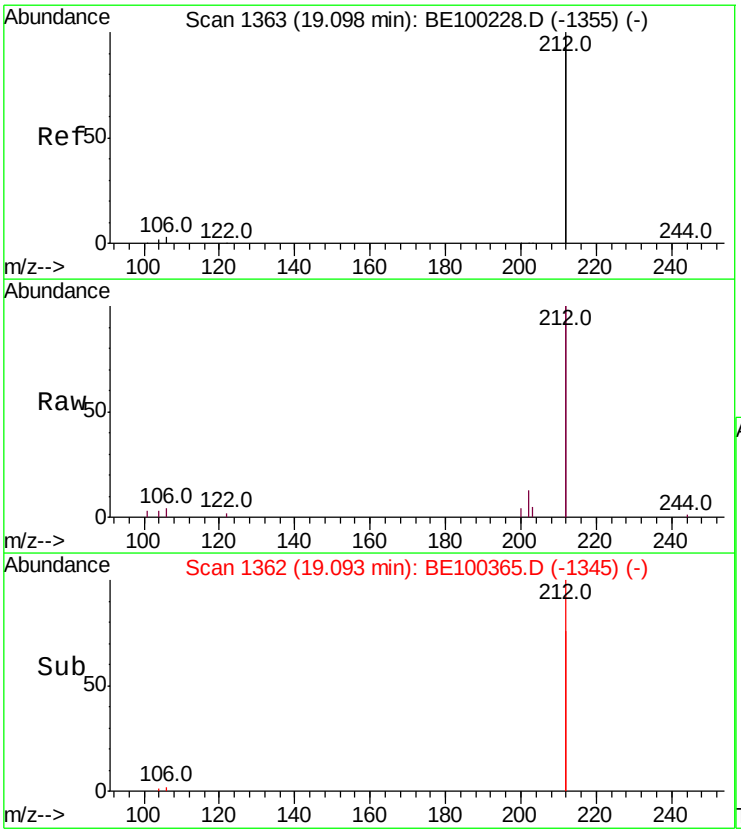
#24
Anthracene
Concen: 0.638 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:178 Resp: 7987

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	13.0	12.2	18.2

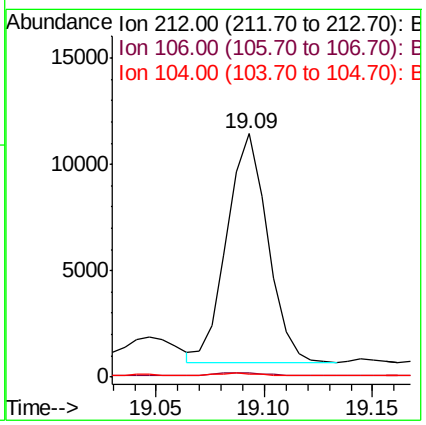


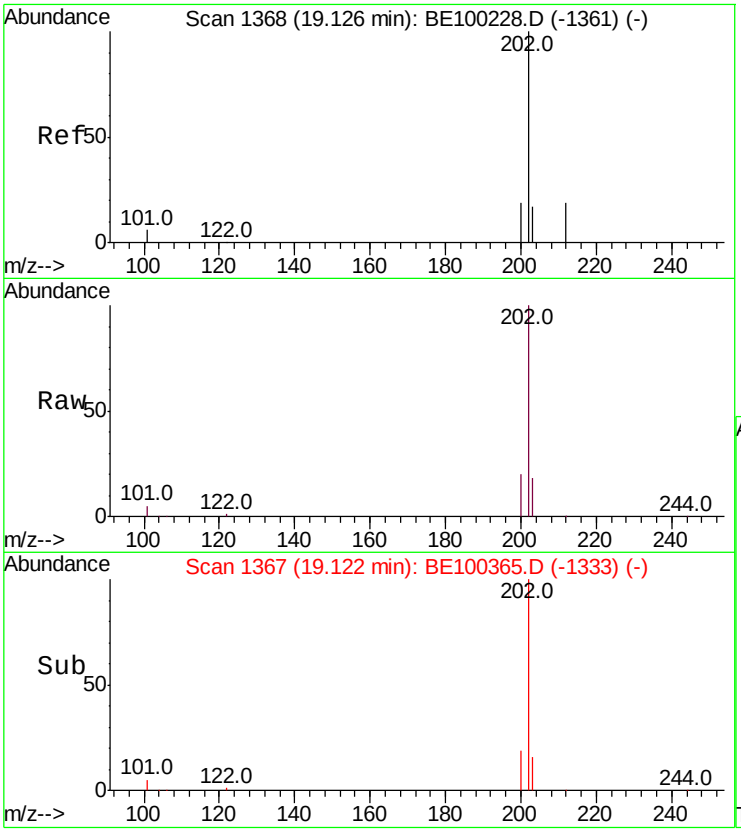


#25
Fluoranthene-d10
Concen: 0.170 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:212 Resp: 14180

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.3	1.9
104	1.1	0.8	1.2



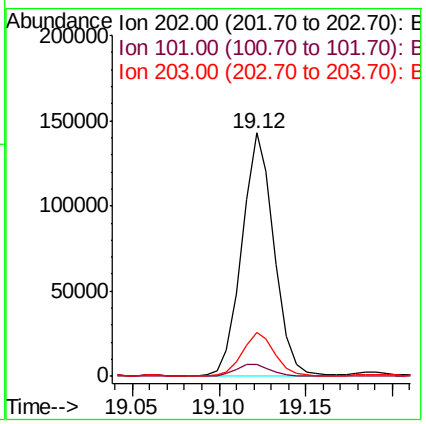


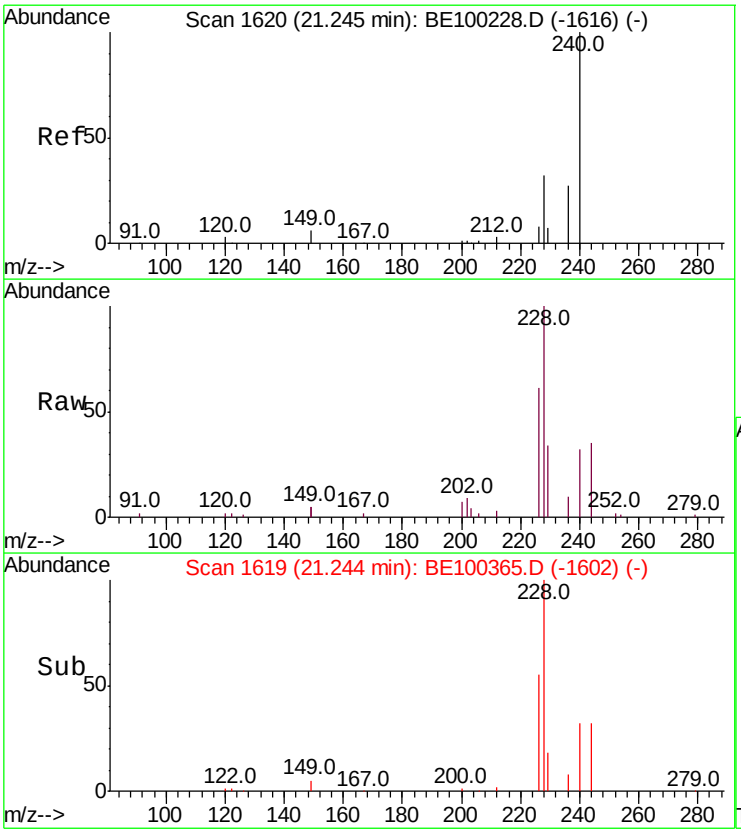
#26
Fluoranthene
Concen: 8.284 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:202 Resp: 183342

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.6	7.0
203	17.8	13.7	20.5

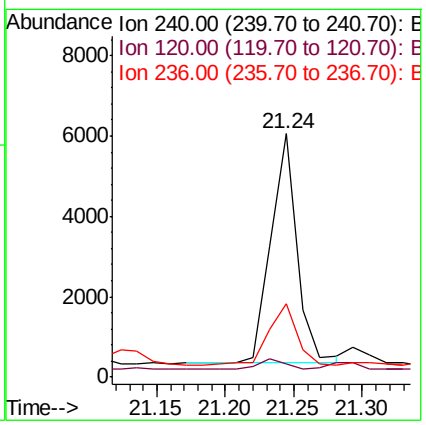


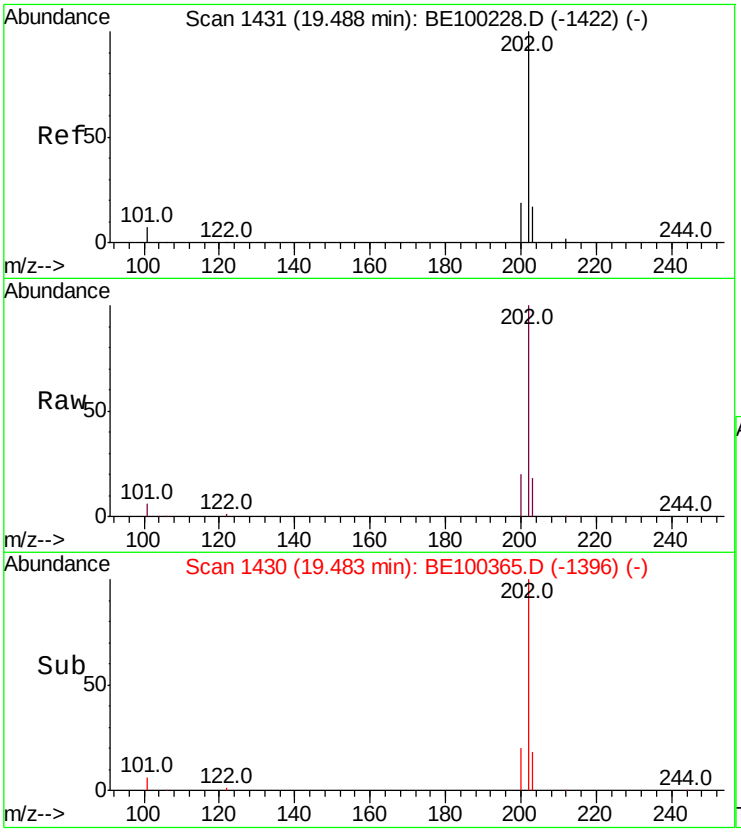


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:240 Resp: 7575

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.3	4.9#
236	30.2	22.6	34.0



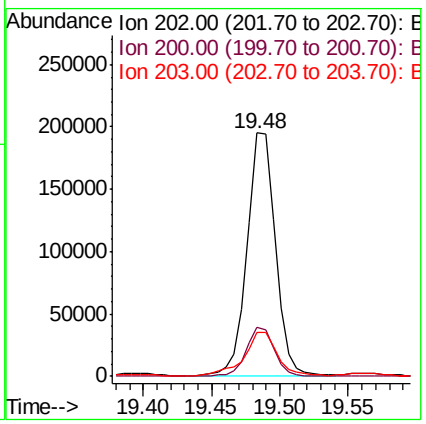


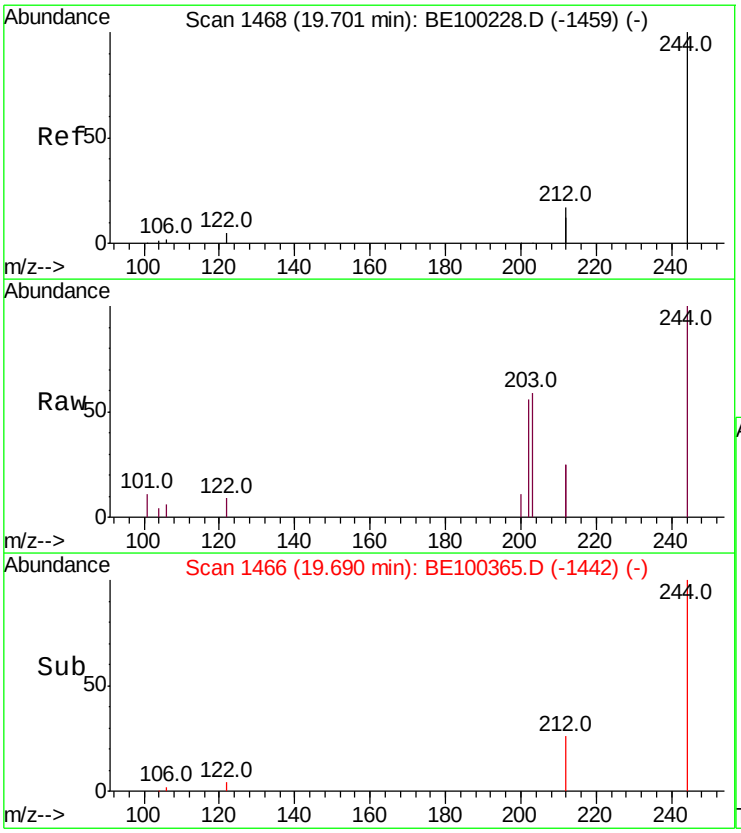
#28
Pyrene
Concen: 13.810 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:202 Resp: 276969

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	21.2	14.0	21.0#

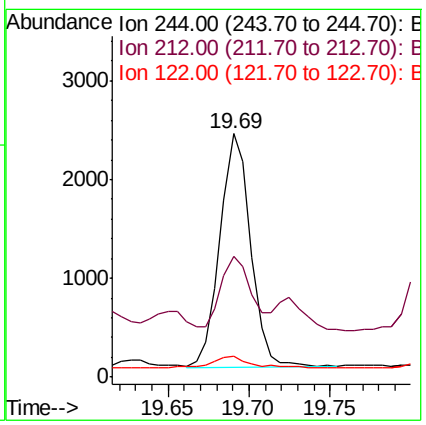


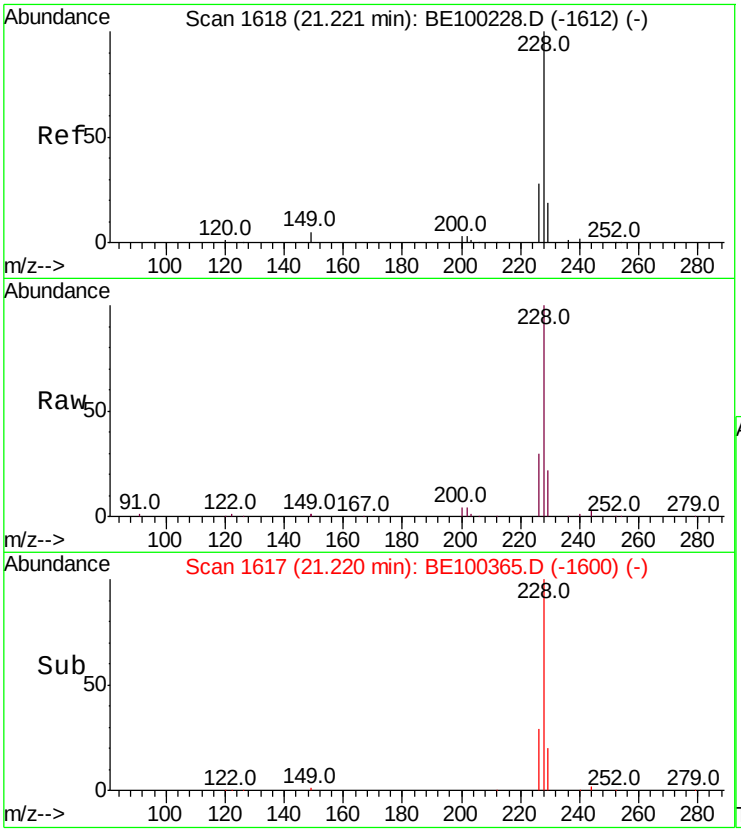


#29
Terphenyl-d14
Concen: 0.199 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:244 Resp: 3122

Ion	Ratio	Lower	Upper
244	100		
212	49.7	27.3	40.9#
122	8.6	4.7	7.1#



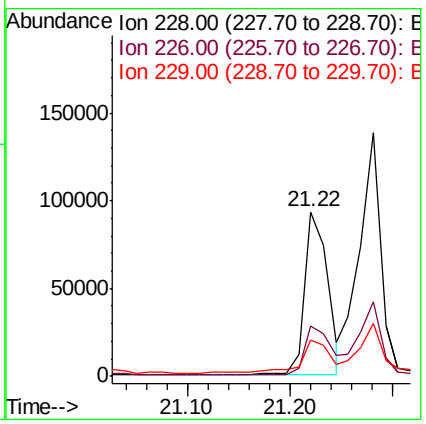


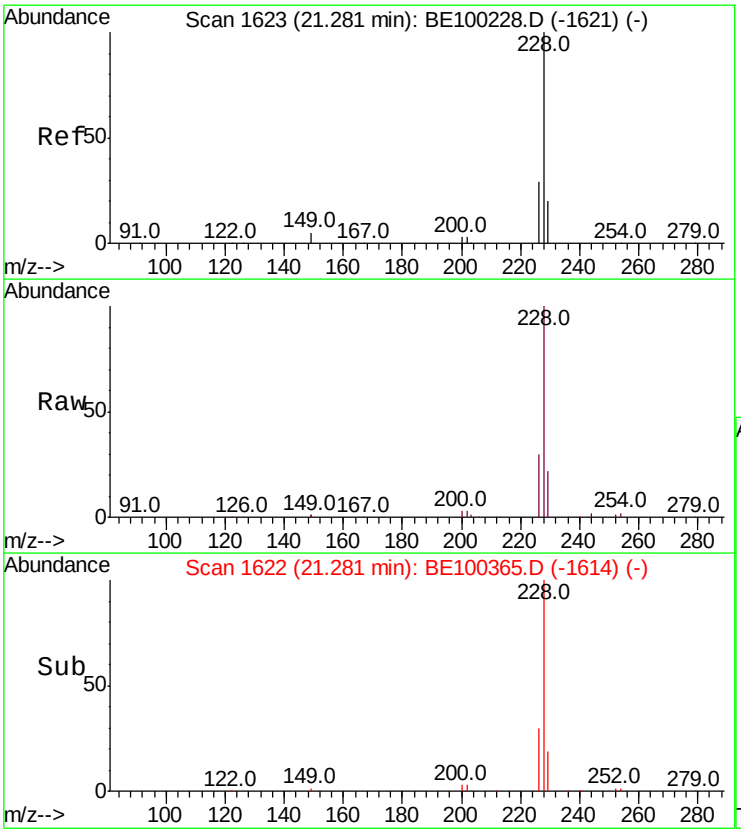
#30
Benzo(a)anthracene
Concen: 5.821 ng
RT: 21.22 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:228 Resp: 144986

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.2	34.8
229	22.3	15.7	23.5

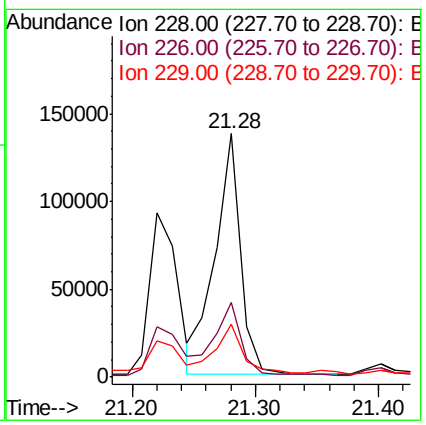


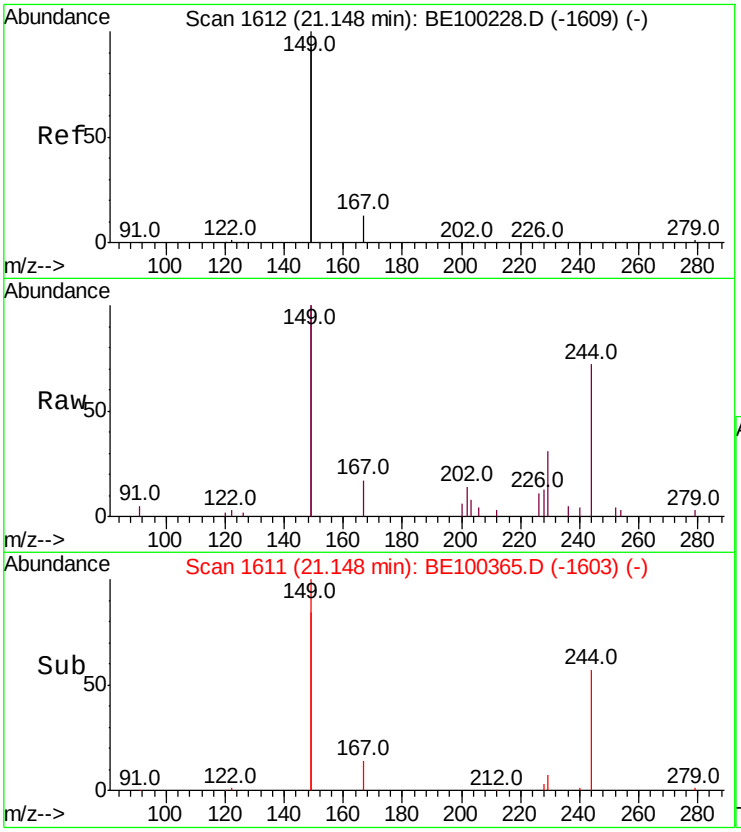


#31
Chrysene
Concen: 7.944 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:228 Resp: 198670

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	21.7	16.5	24.7



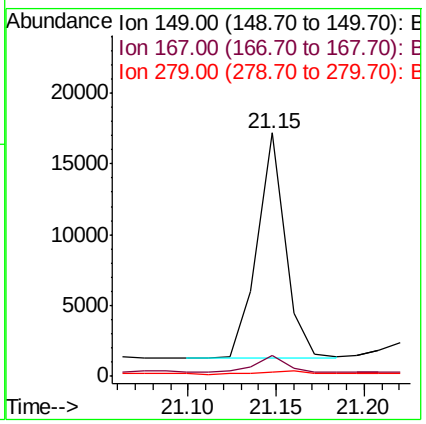


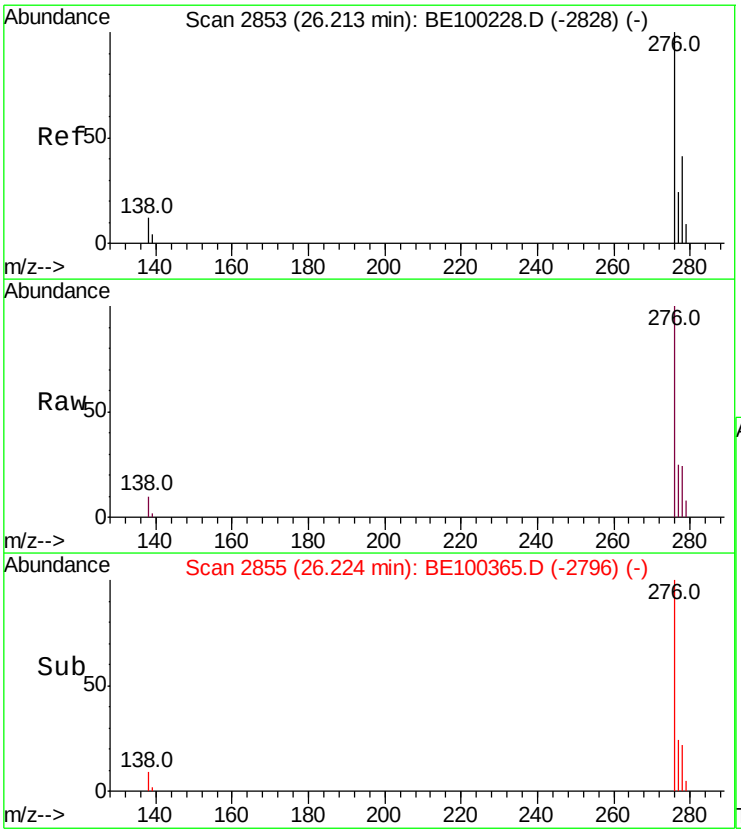
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.446 ng
RT: 21.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:149 Resp: 17744

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.8	8.8
279	1.6	1.1	1.7

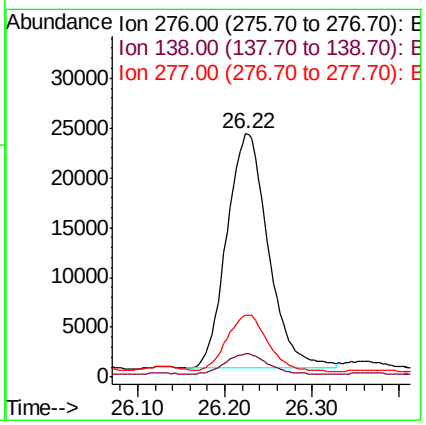


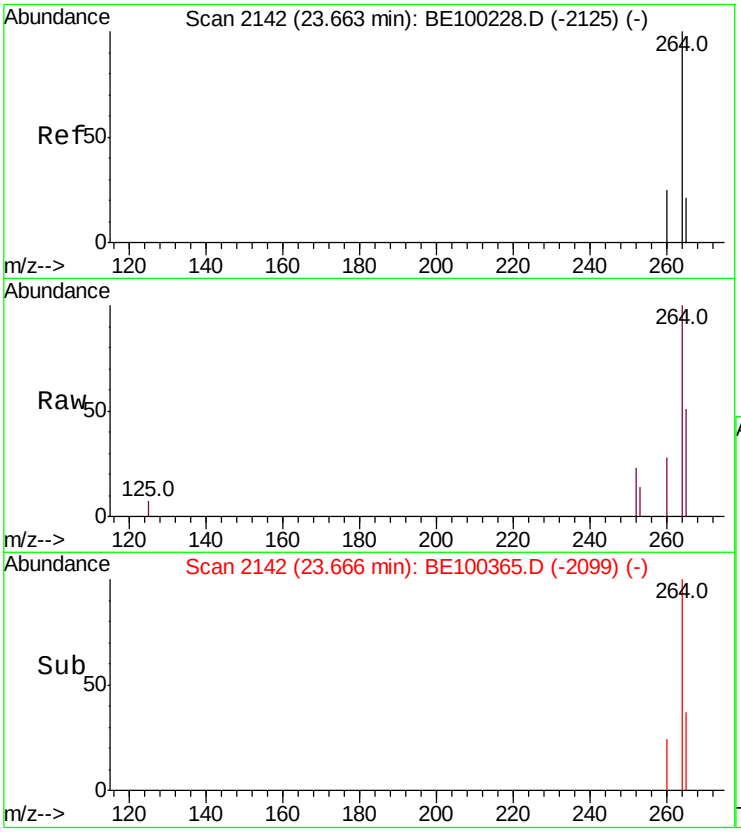


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.356 ng
RT: 26.22 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:276 Resp: 77926

Ion	Ratio	Lower	Upper
276	100		
138	8.6	9.4	14.0#
277	23.4	19.2	28.8



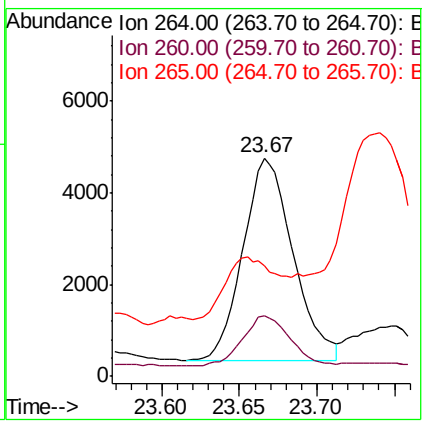


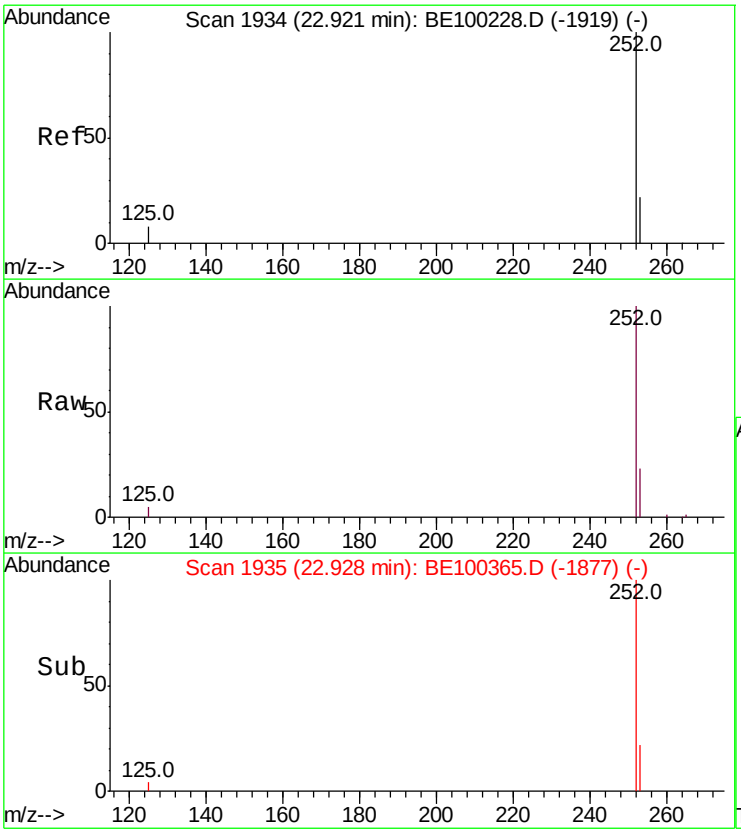
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:264 Resp: 9890

Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.8	31.2
265	50.9	21.8	32.6#

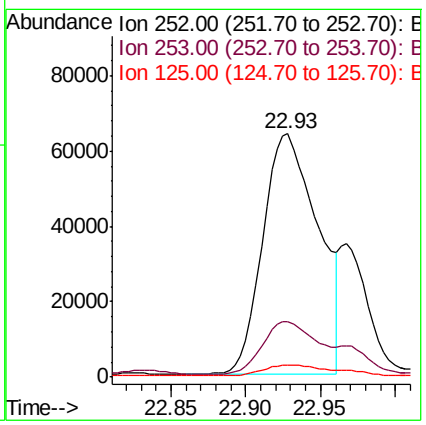


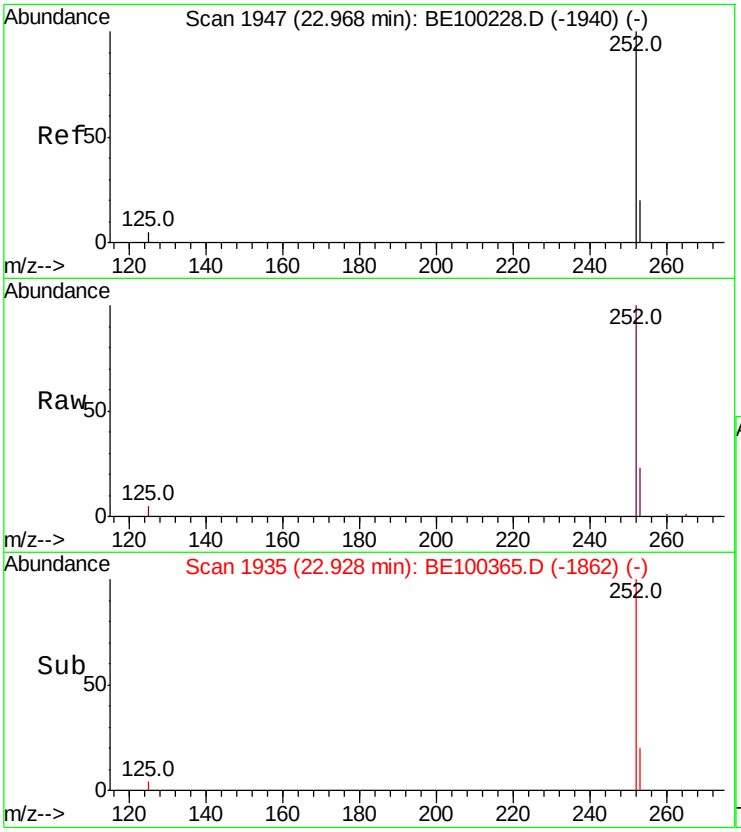


#35
Benzo(b)fluoranthene
Concen: 6.119 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:252 Resp: 164062

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	4.8	7.4	11.0#



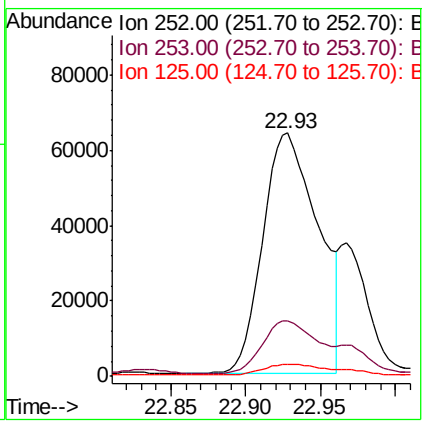


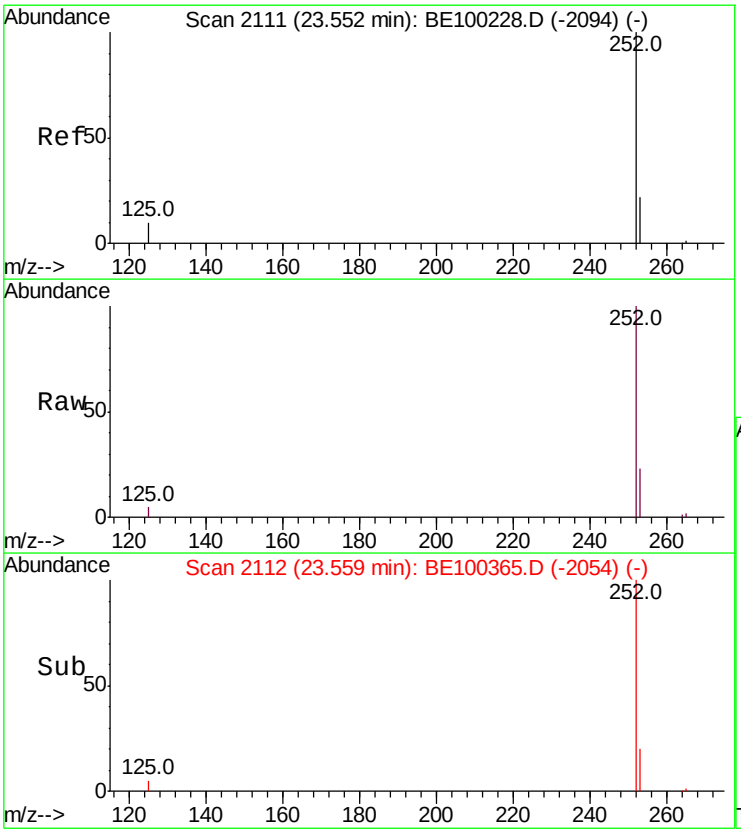
#36
Benzo(k)fluoranthene
Concen: 5.481 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:252 Resp: 164062

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	4.8	5.0	7.4#

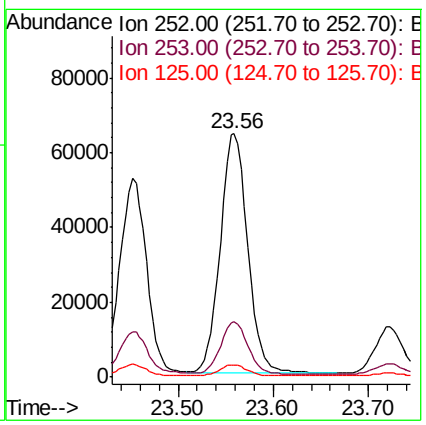


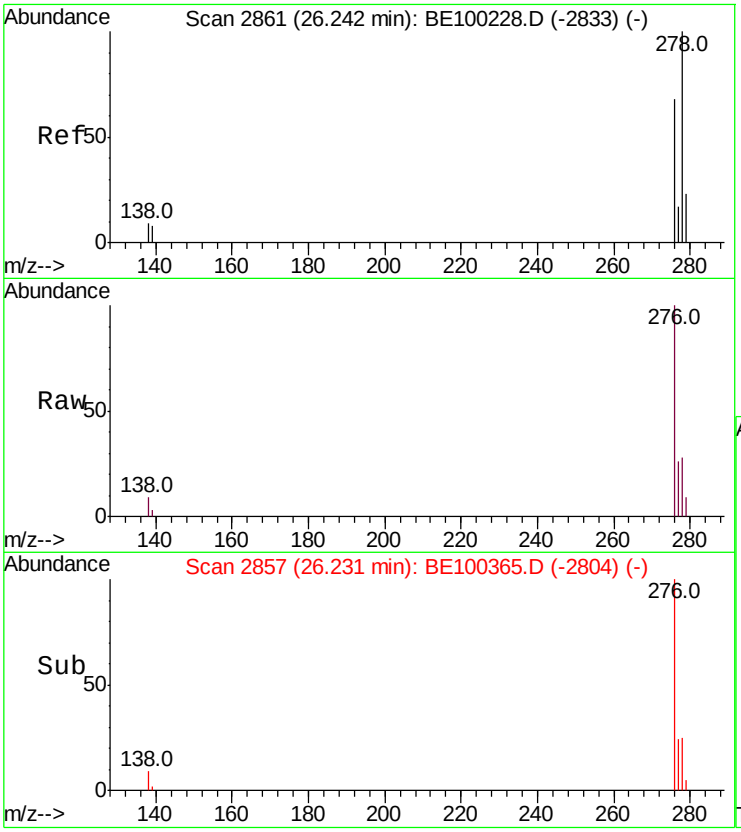


#37
Benzo(a)pyrene
Concen: 4.756 ng
RT: 23.56 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:252 Resp: 127826

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.6	29.4
125	5.1	9.0	13.6#



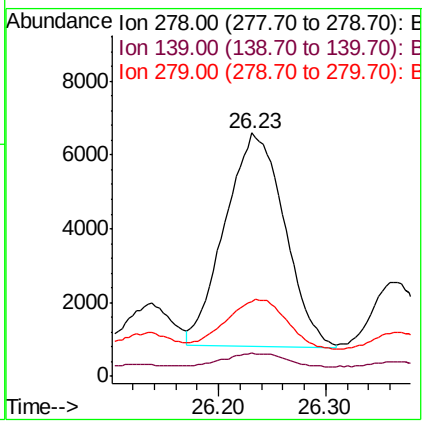


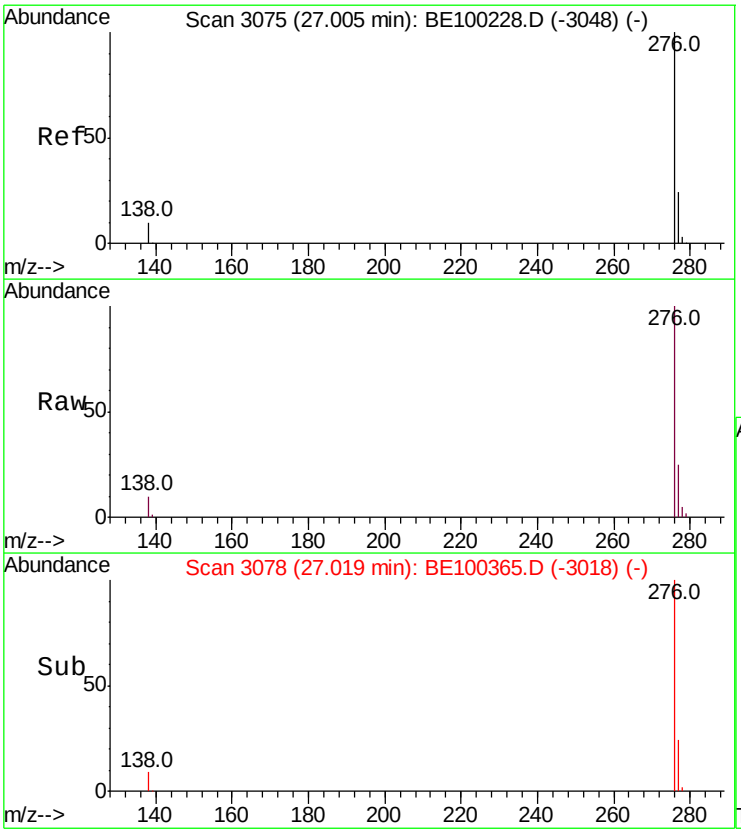
#38
Dibenzo(a,h)anthracene
Concen: 0.794 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:278 Resp: 22272

Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.2	12.2
279	30.9	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 3.149 ng
RT: 27.02 min Scan# 3078
Delta R.T. 0.01 min
Lab File: BE100365.D
Acq: 4 Jul 2019 14:05

Tgt Ion:276 Resp: 90786

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	9.7	9.0	13.6