Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100399.D
Acq On : 6 Jul 2019 2:29
Operator : JU/SJ
Sample : K3561-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-016-SW117-062519

Quant Time: Jul 06 03:32:12 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	624	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	2165	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1670	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5071	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	6952	0.40	ng		-0.01
34) Perylene-d12	23.65	264	8264	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	641	0.40	ng		-0.01
5) Phenol-d6	6.83	99	840	0.40	ng		-0.01
8) Nitrobenzene-d5	8.81	82	678	0.32	ng		-0.01
11) 2-Methylnaphthalene-d10	12.02	152	1414	0.35	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	490	0.42	ng		-0.03
15) 2-Fluorobiphenyl	12.91	172	2335	0.36	ng		-0.03
25) Fluoranthene-d10	19.08	212	20519	0.28	ng		-0.02
29) Terphenyl-d14	19.68	244	4291	0.30	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.47	128	3252	0.136	ng	#	94
12) 2-Methylnaphthalene	12.11	142	599	0.143	ng		94
16) Acenaphthylene	14.02	152	3746	0.467	ng		98
17) Acenaphthene	14.37	154	487	0.107	ng	#	86
18) Fluorene	15.34	166	1729	0.257	ng	#	93
23) Phenanthrene	17.08	178	49679	4.042	ng		100
24) Anthracene	17.17	178	2846	0.257	ng		98
26) Fluoranthene	19.11	202	94810	4.843	ng		98
28) Pyrene	19.47	202	116073	6.306	ng		96
30) Benzo(a)anthracene	21.21	228	61615	2.696	ng		97
31) Chrysene	21.27	228	72341	3.152	ng		98
32) Bis(2-ethylhexyl)phthalate	21.14	149	158684	4.854	ng		100
33) Indeno(1,2,3-cd)pyrene	26.20	276	37252	1.227	ng	#	95
35) Benzo(b)fluoranthene	22.91	252	74569	3.328	ng	#	95
36) Benzo(k)fluoranthene	22.91	252	74569	2.982	ng		99
37) Benzo(a)pyrene	23.71	252	11132	0.496	ng		93
38) Dibenzo(a,h)anthracene	26.21	278	9223	0.393	ng	#	87
39) Benzo(g,h,i)perylene	26.99	276	40570	1.684	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
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PST-016-SW117-062519

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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
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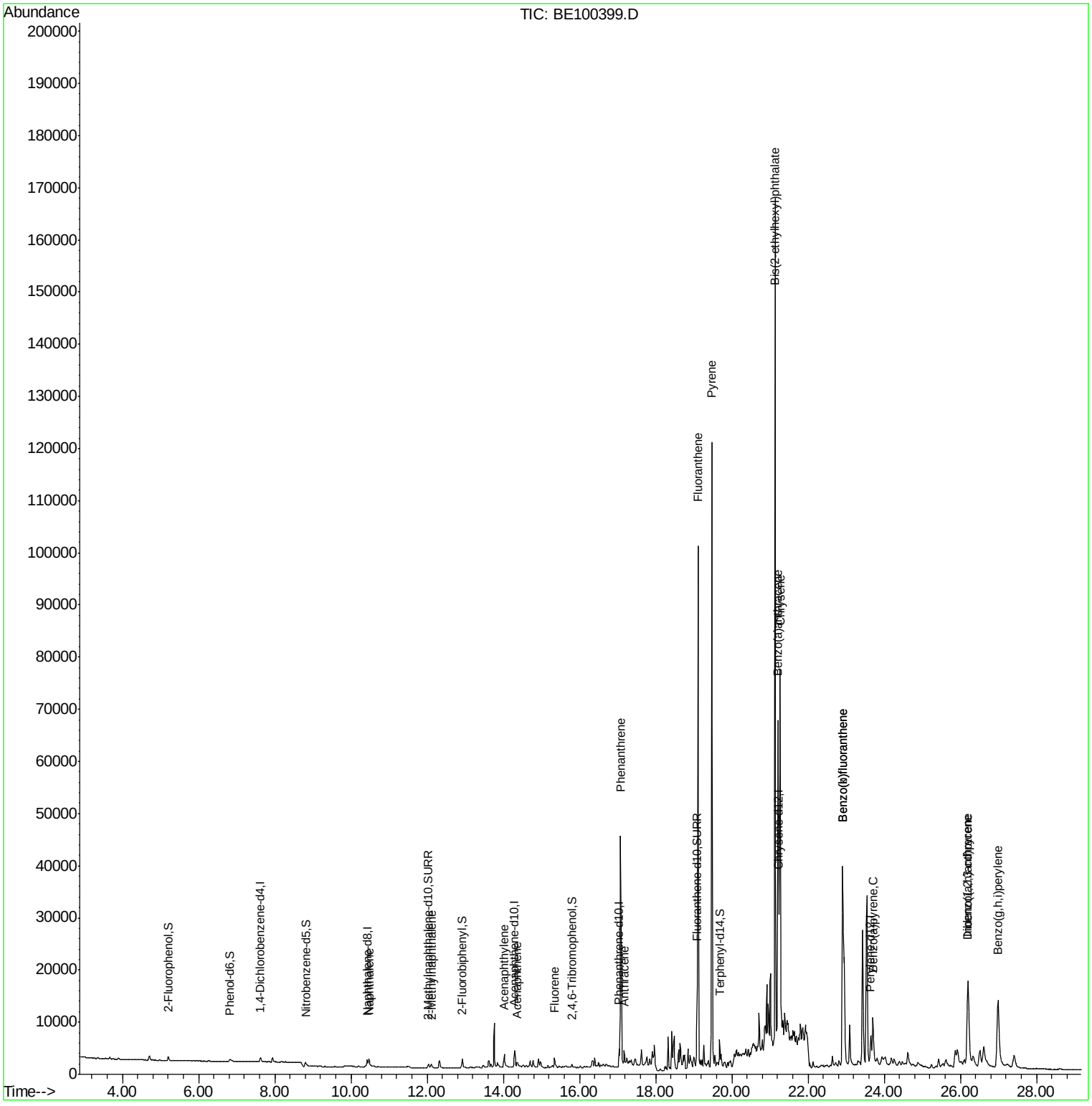
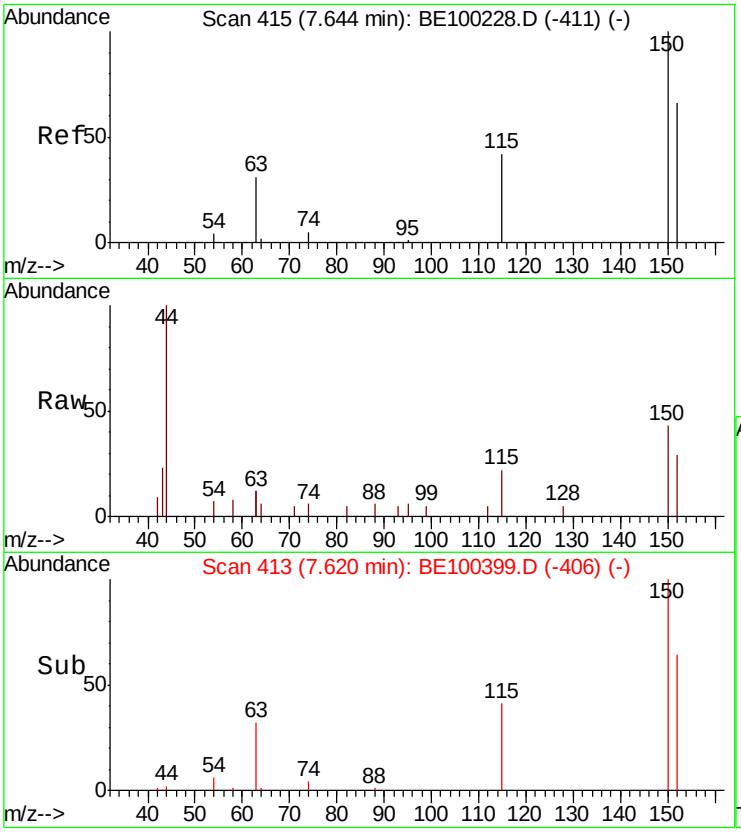


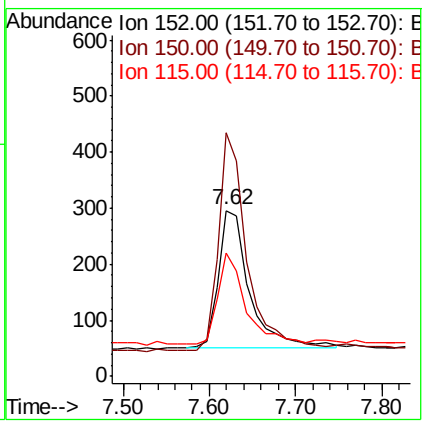


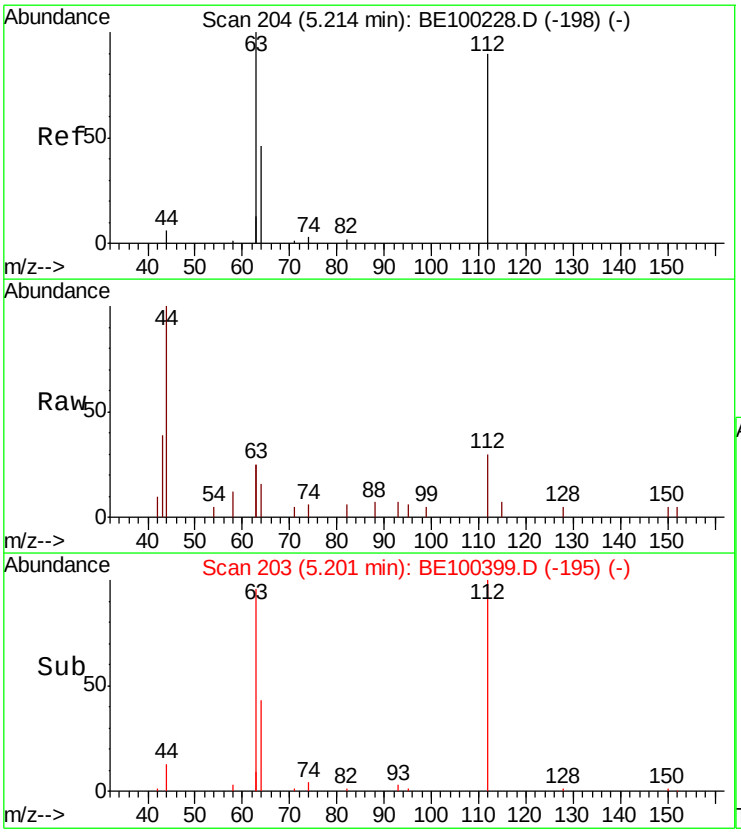
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:152 Resp: 624

Ion	Ratio	Lower	Upper
152	100		
150	146.6	114.5	171.7
115	74.0	57.1	85.7

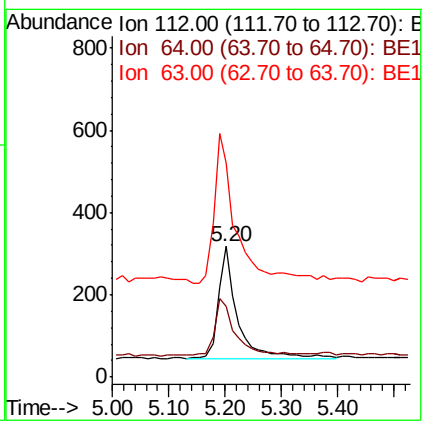


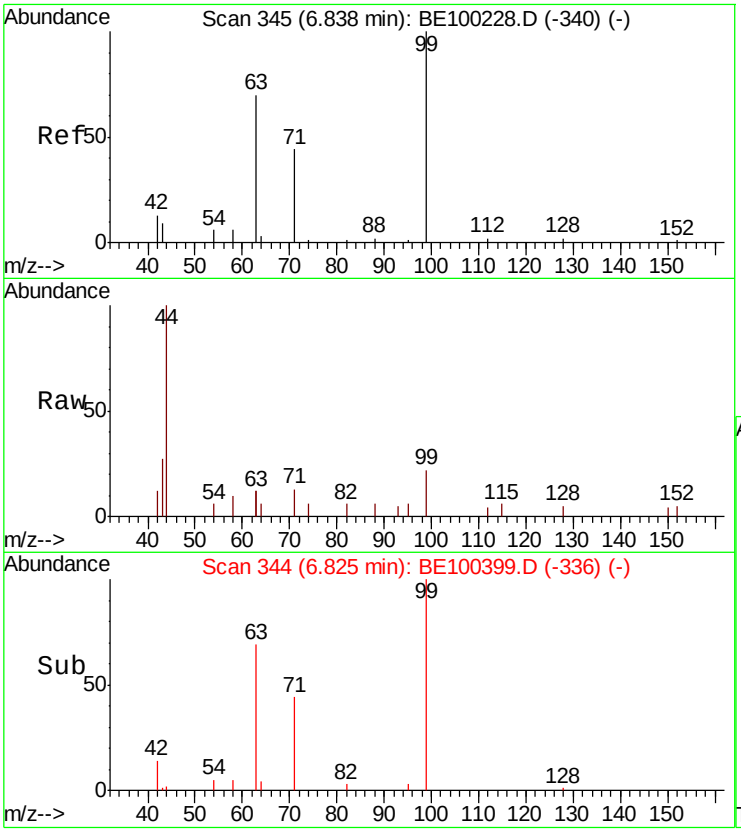


#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:112 Resp: 641

Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.4	59.0
63	139.0	104.5	156.7



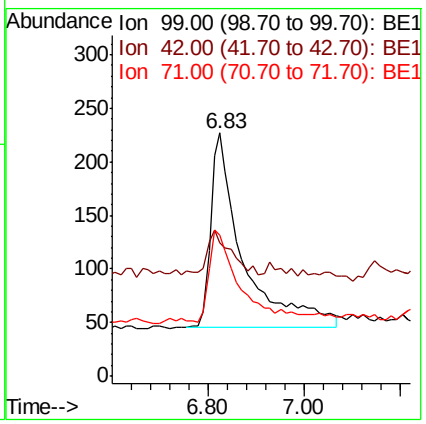


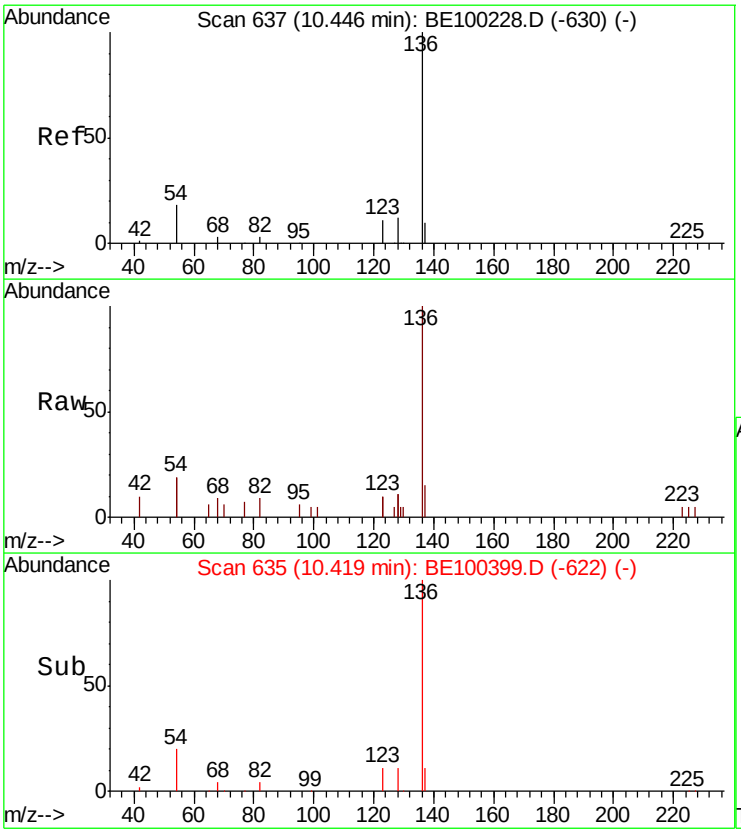
#5
Phenol-d6
Concen: 0.401 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion: 99 Resp: 840

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.2	16.8
71	46.7	37.2	55.8

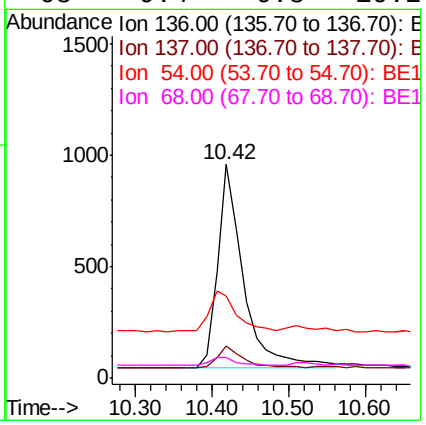


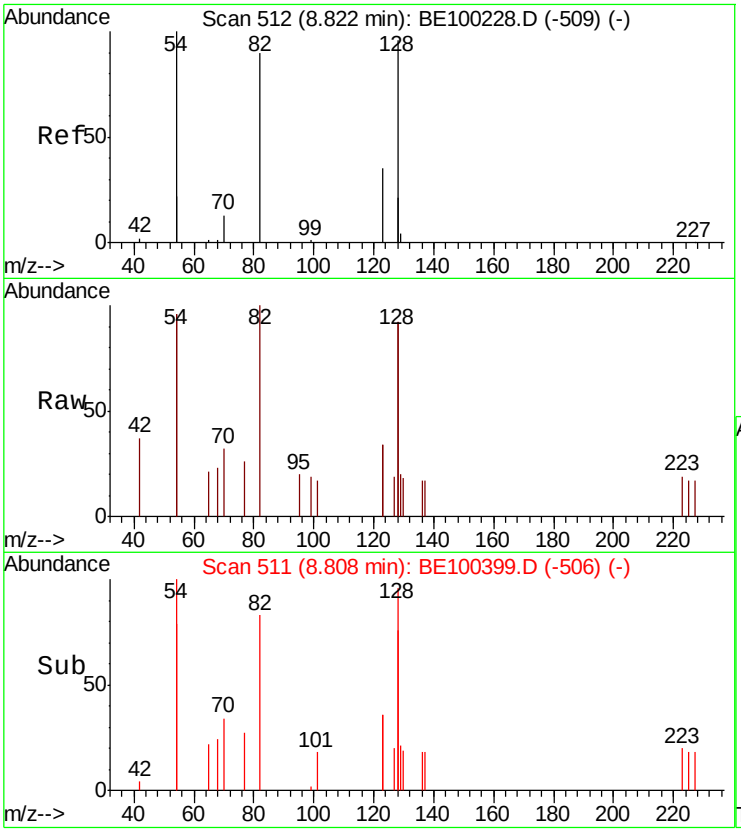


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:136 Resp: 2165

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.8	17.8
54	38.6	27.7	41.5
68	9.4	6.8	10.2



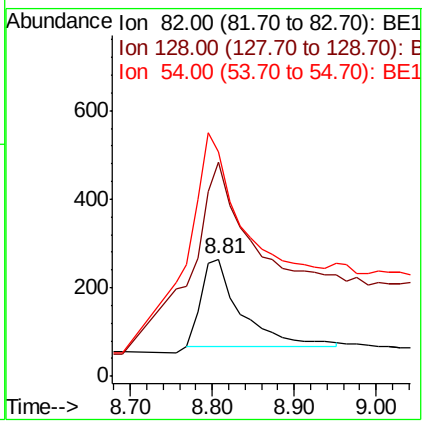


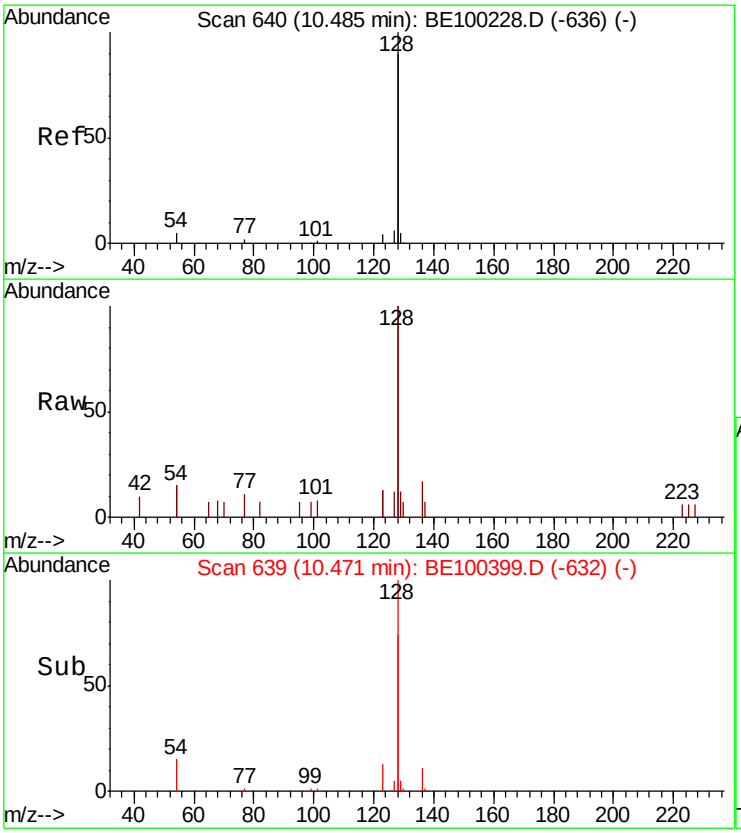
#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion: 82 Resp: 678

Ion	Ratio	Lower	Upper
82	100		
128	183.3	140.9	211.3
54	191.7	146.2	219.2

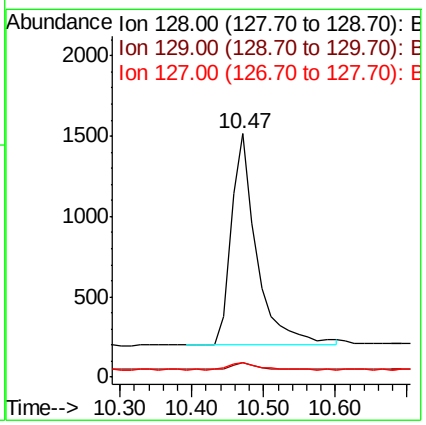


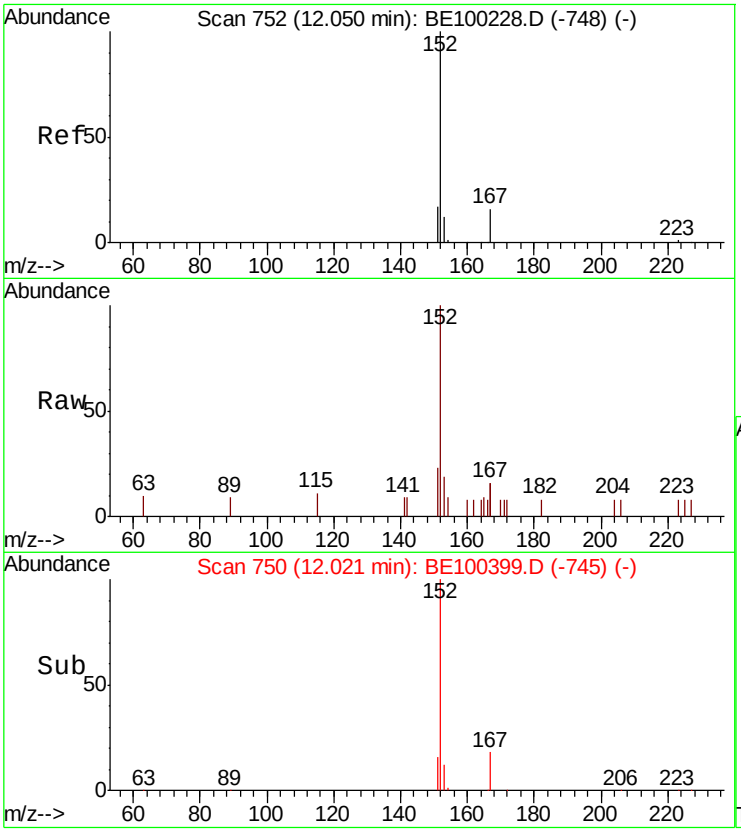


#9
Naphthalene
Concen: 0.136 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:128 Resp: 3252

Ion	Ratio	Lower	Upper
128	100		
129	6.0	3.0	4.6#
127	5.9	3.5	5.3#



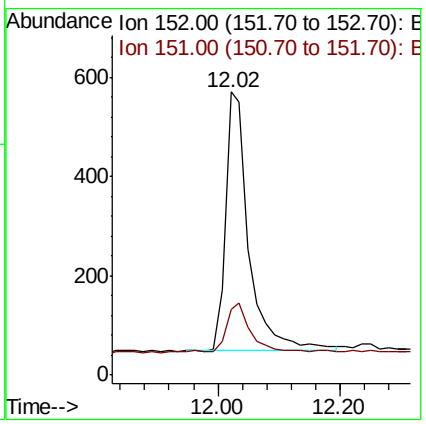


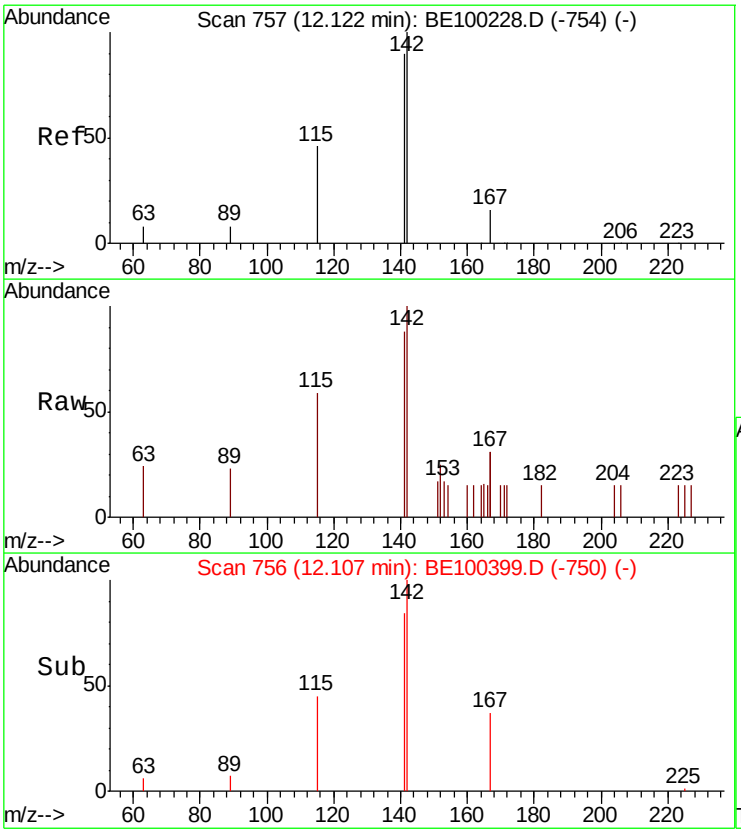
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:152 Resp: 1414

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

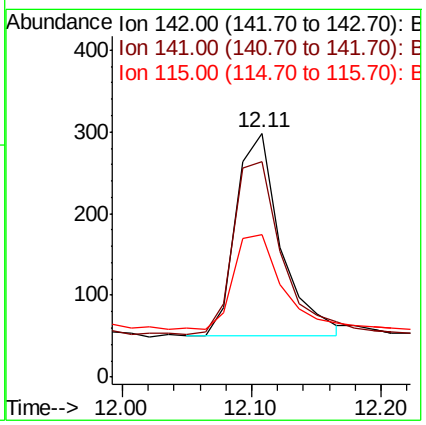


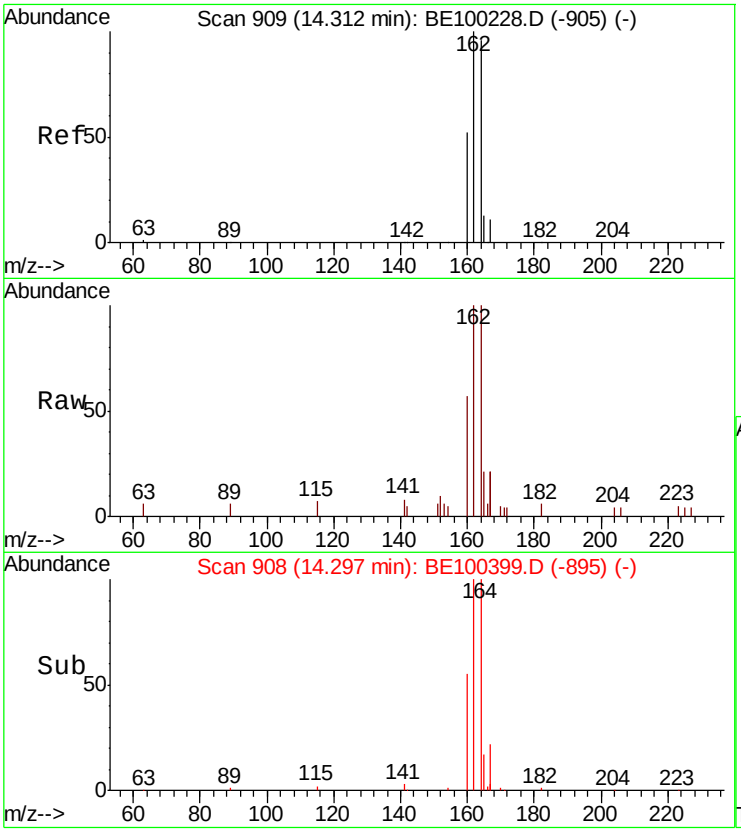


#12
2-Methylnaphthalene
Concen: 0.143 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:142 Resp: 599

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.4	108.6
115	58.7	40.4	60.6



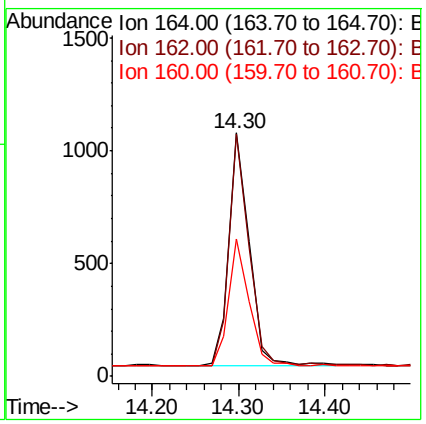


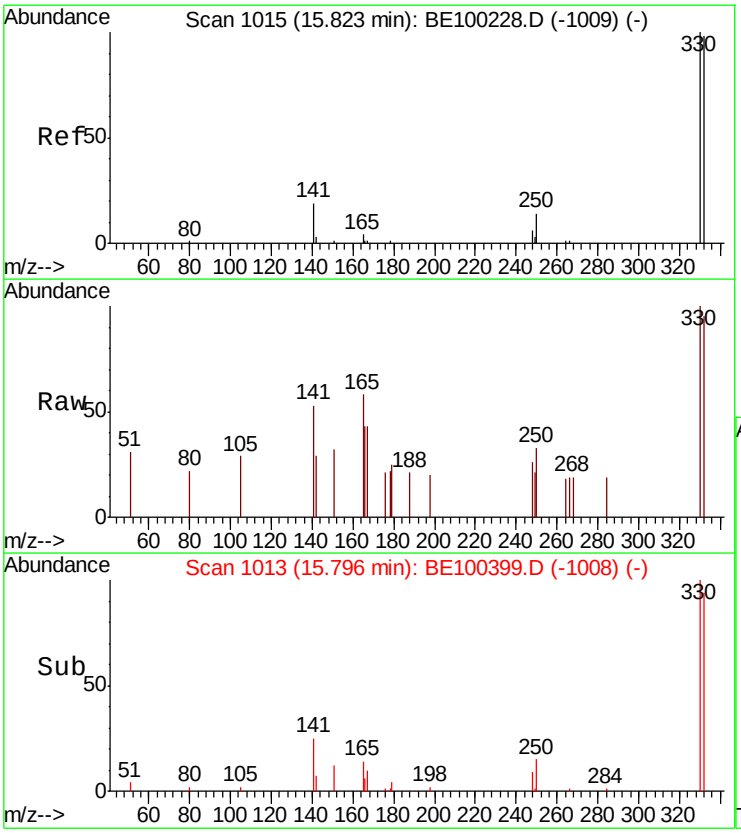
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:164 Resp: 1670

Ion	Ratio	Lower	Upper
164	100		
162	99.5	83.4	125.0
160	56.5	45.0	67.6

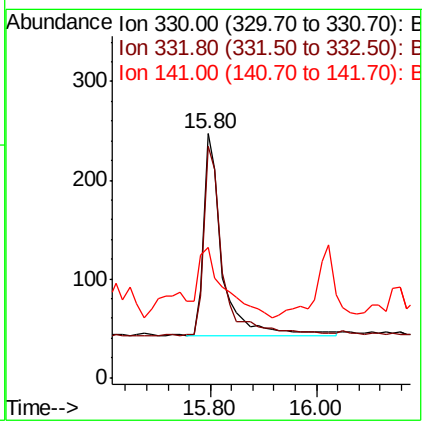


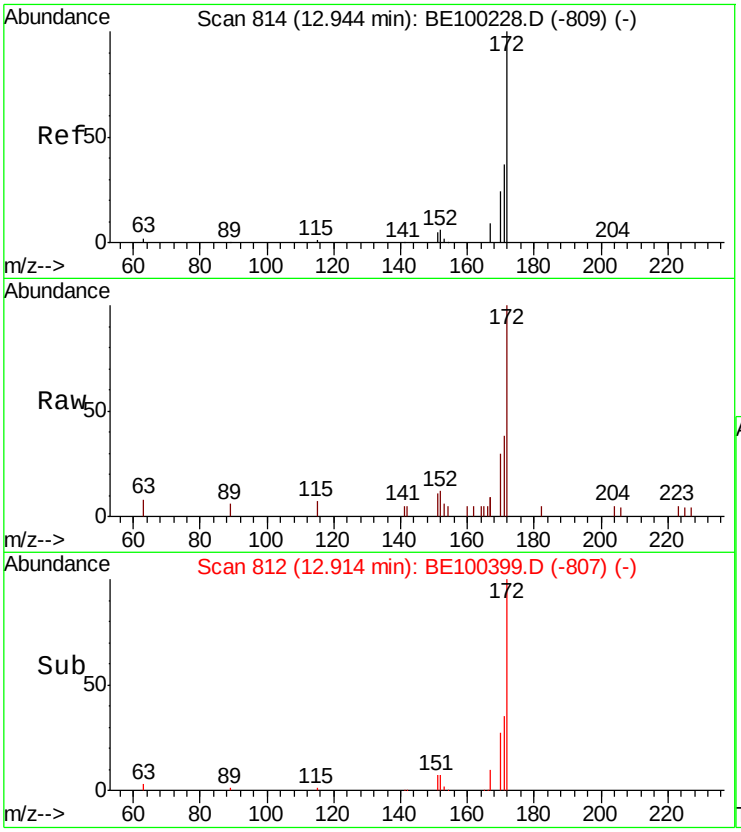


#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:330 Resp: 490

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.4
141	51.6	22.0	33.0#



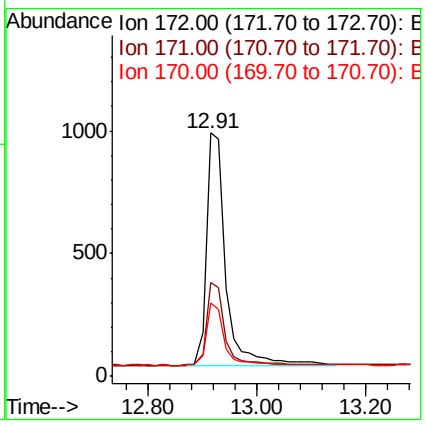


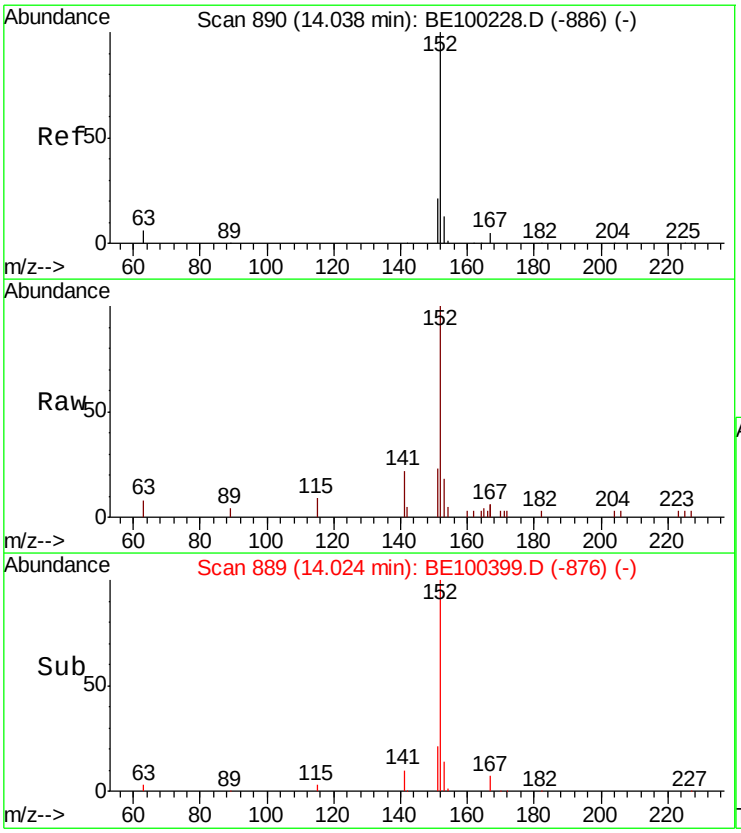
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.91 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:172 Resp: 2335

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.9	47.9
170	30.3	22.2	33.2

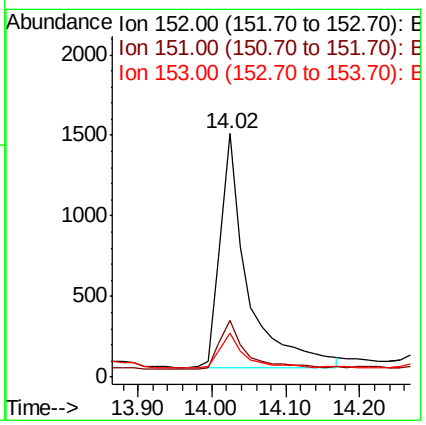


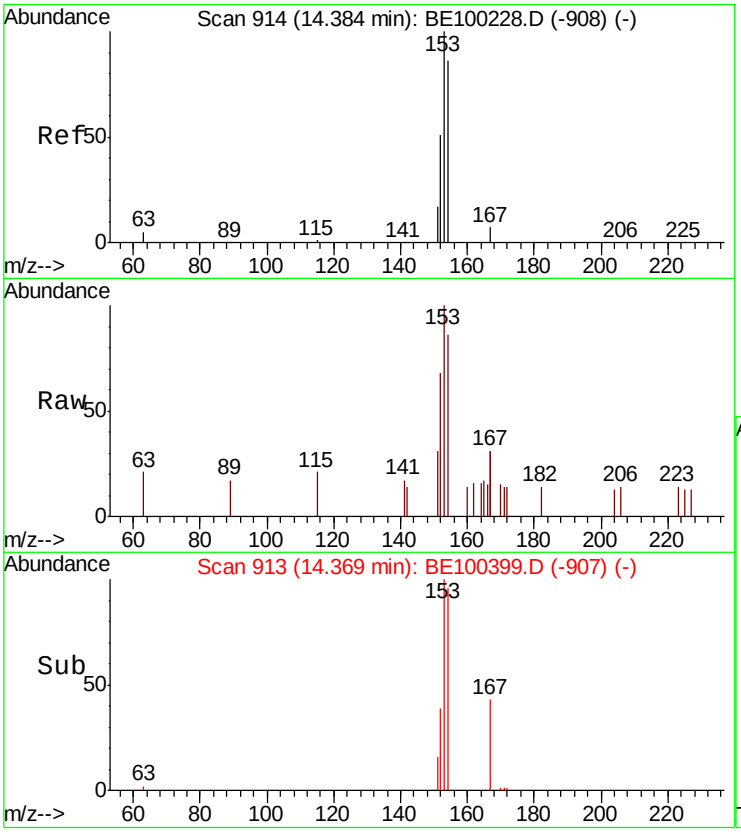


#16
Acenaphthylene
Concen: 0.467 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:152 Resp: 3746

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	13.9	10.5	15.7



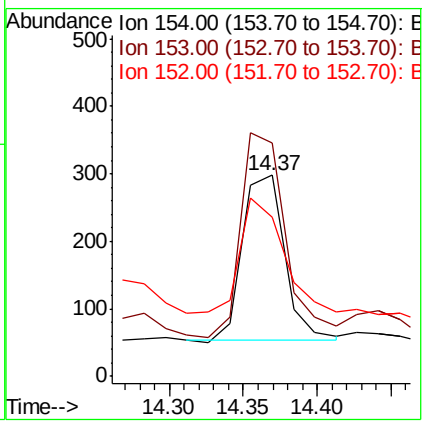


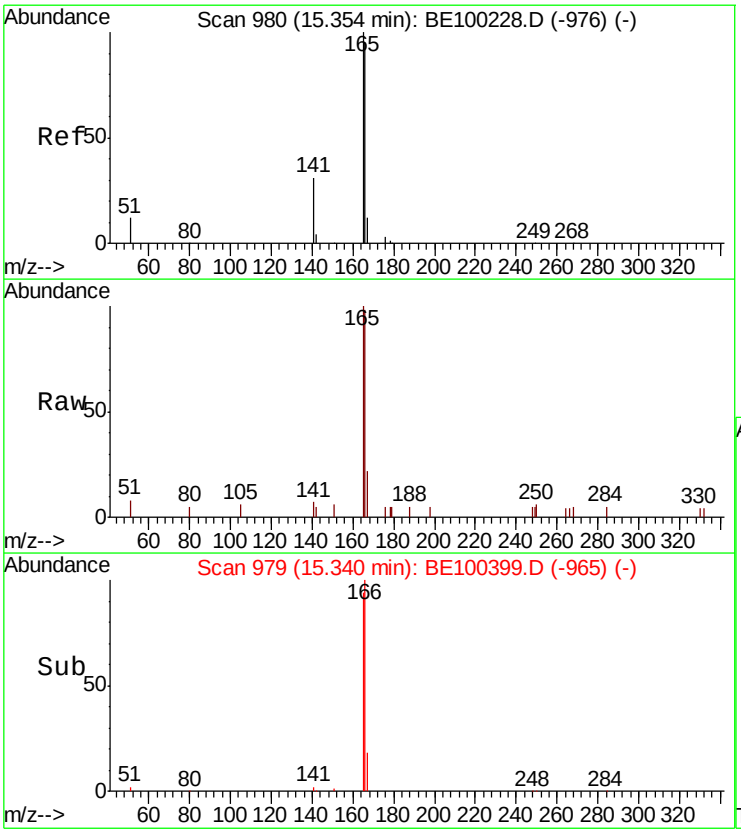
#17
Acenaphthene
Concen: 0.107 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:154 Resp: 487

Ion	Ratio	Lower	Upper
154	100		
153	129.6	93.4	140.2
152	75.4	49.4	74.2#

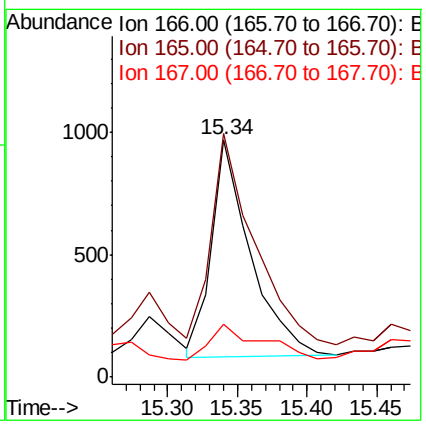


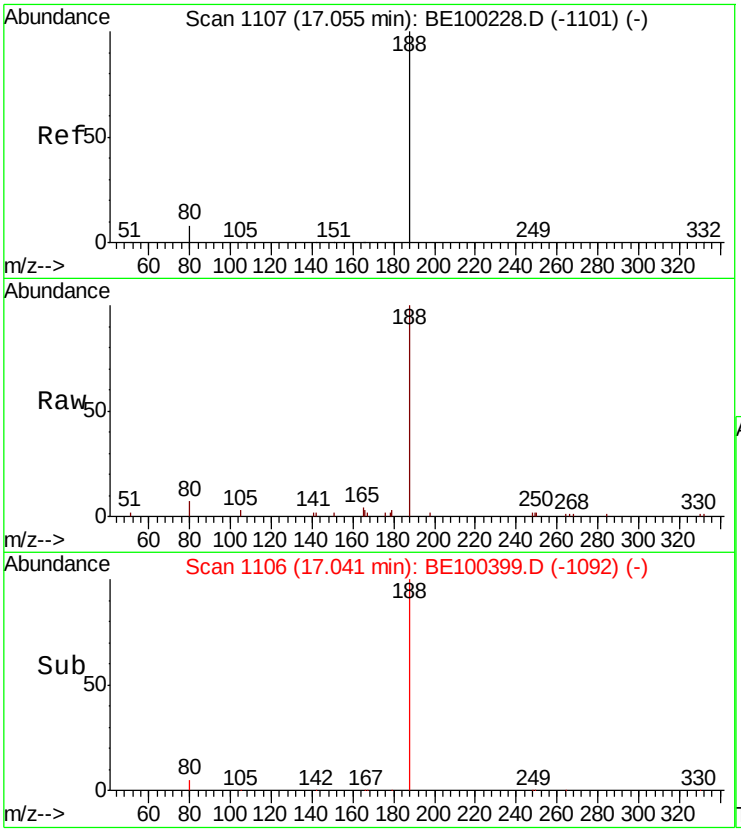


#18
Fluorene
Concen: 0.257 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:166 Resp: 1729

Ion	Ratio	Lower	Upper
166	100		
165	106.8	81.1	121.7
167	21.2	10.7	16.1#



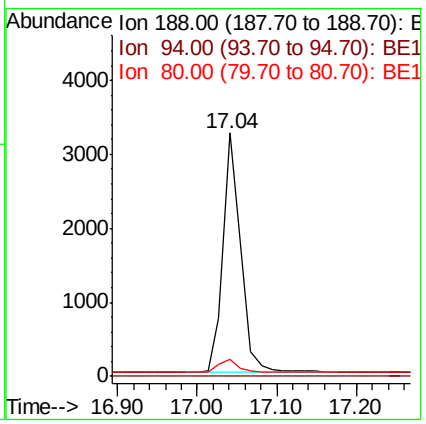


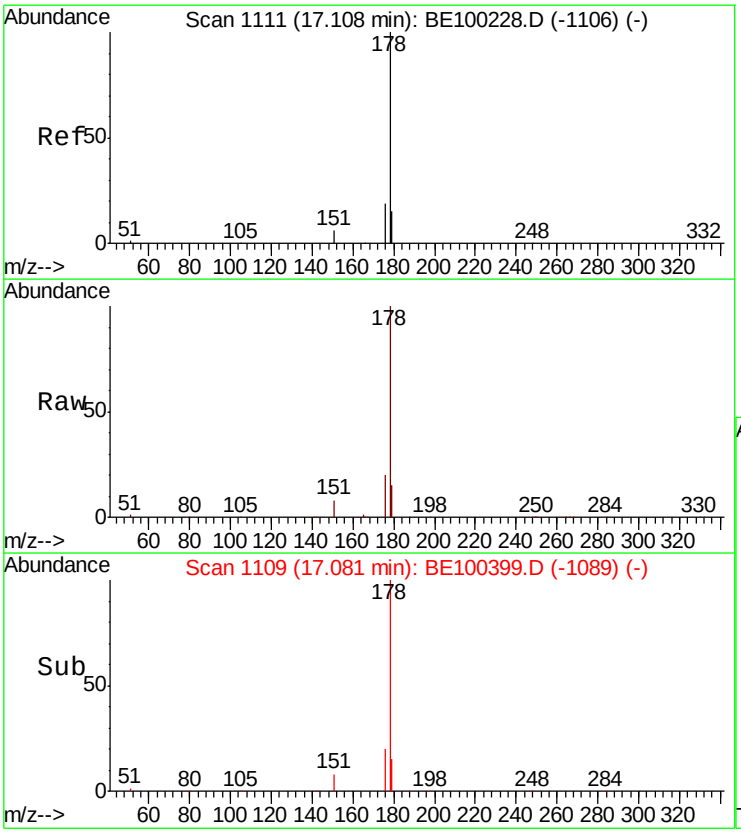
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:188 Resp: 5071

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	7.6	11.4#

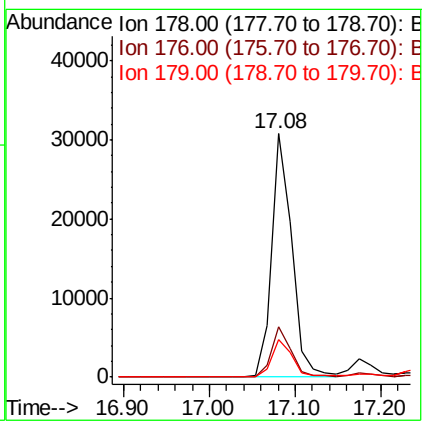


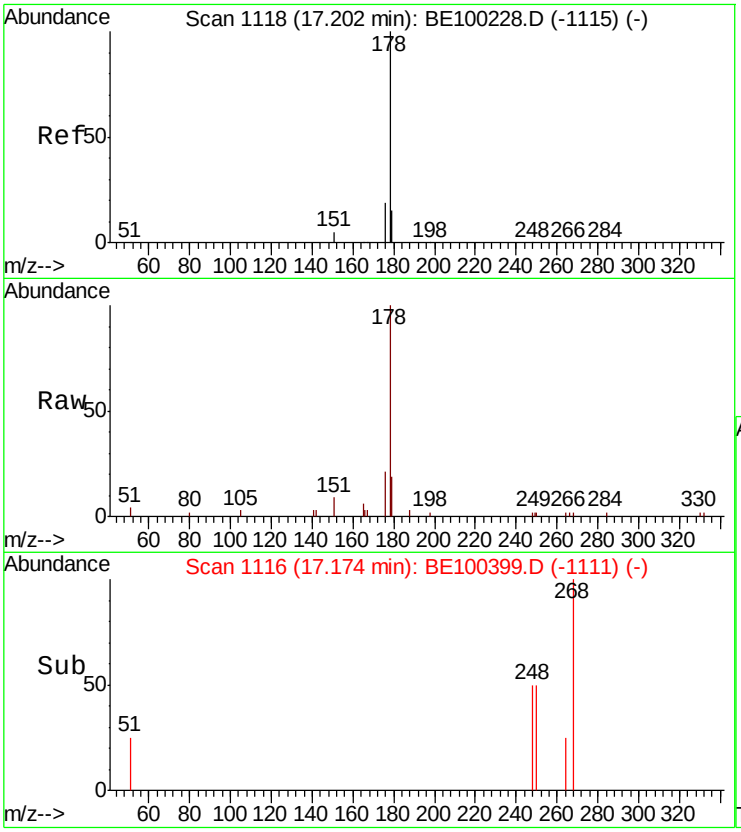


#23
Phenanthrene
Concen: 4.042 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:178 Resp: 49679

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



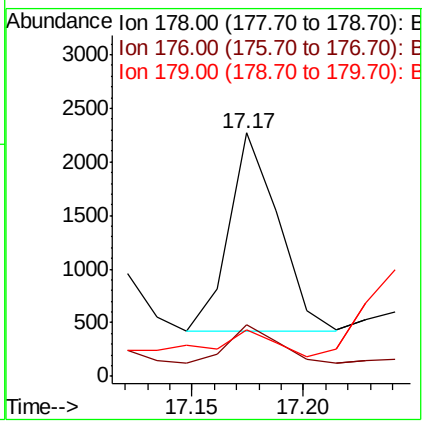


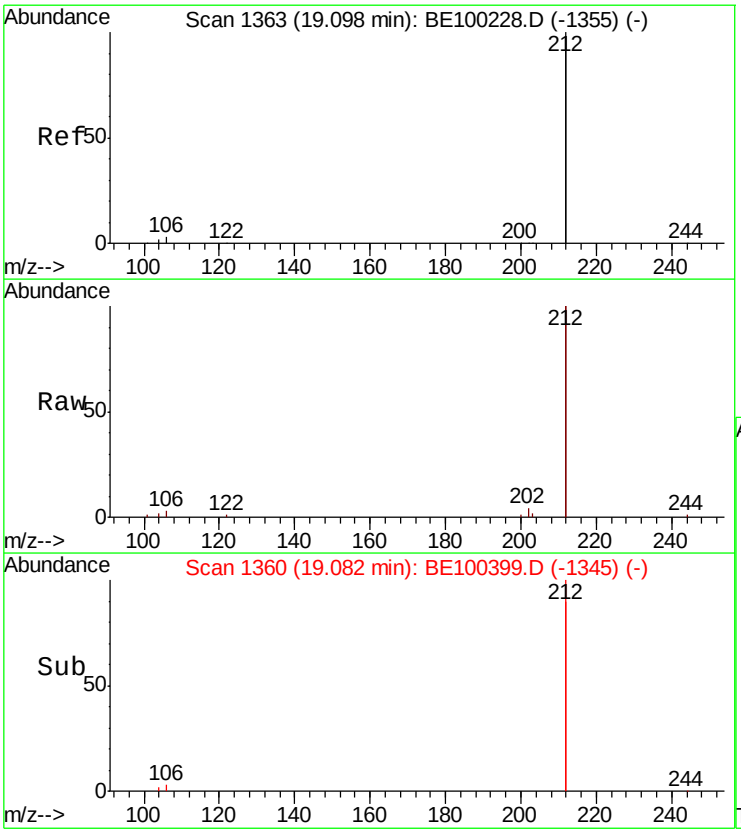
#24
Anthracene
Concen: 0.257 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:178 Resp: 2846

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	16.0	12.2	18.2

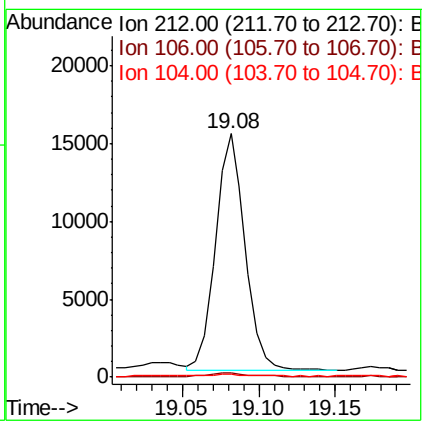


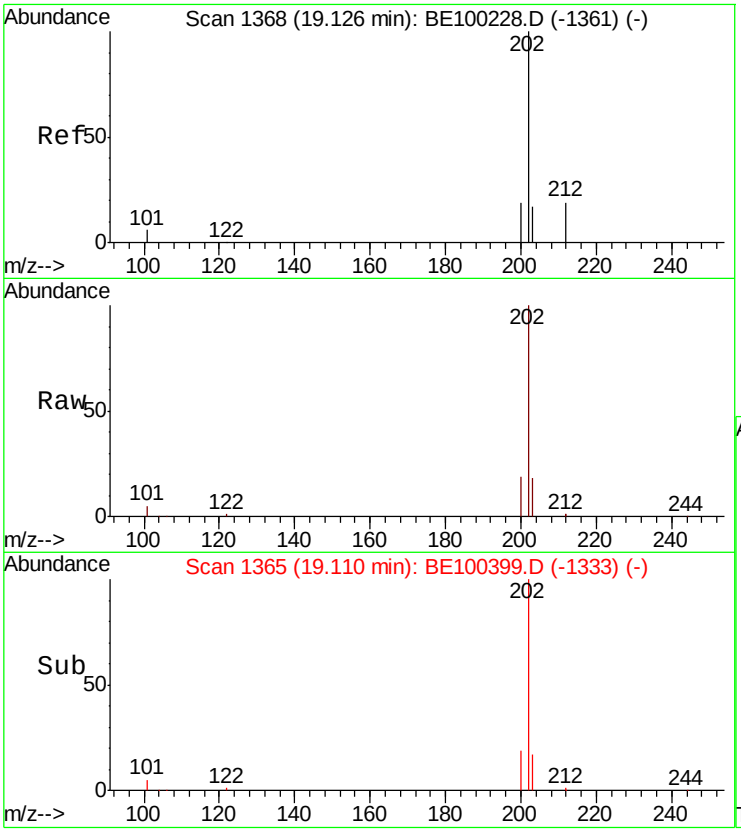


#25
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:212 Resp: 20519

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2



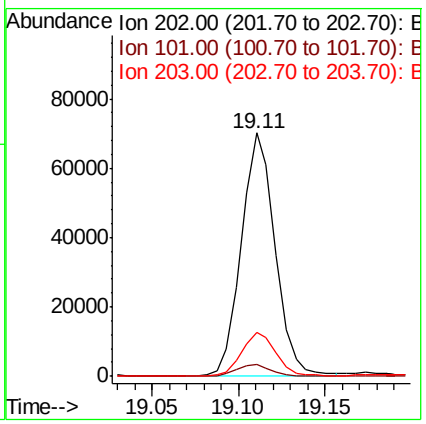


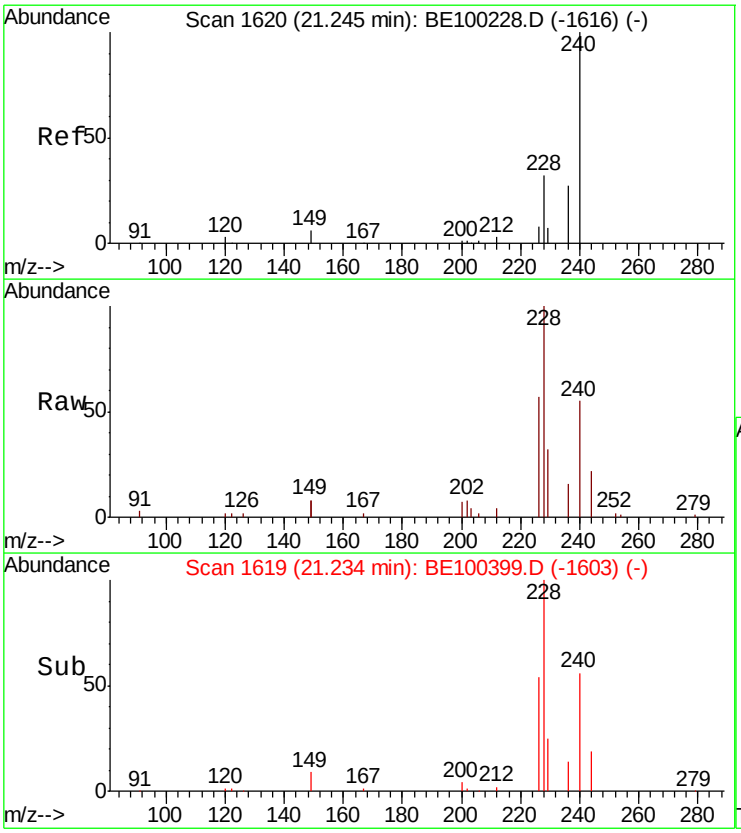
#26
Fluoranthene
Concen: 4.843 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:202 Resp: 94810

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.6	7.0
203	17.9	13.7	20.5

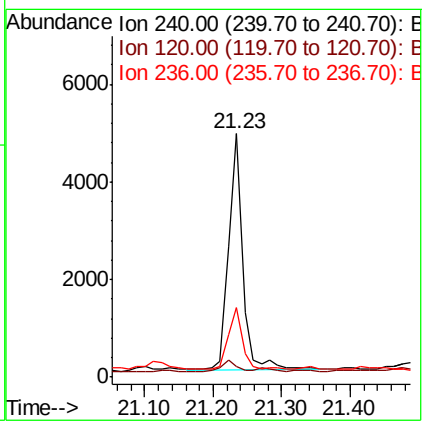


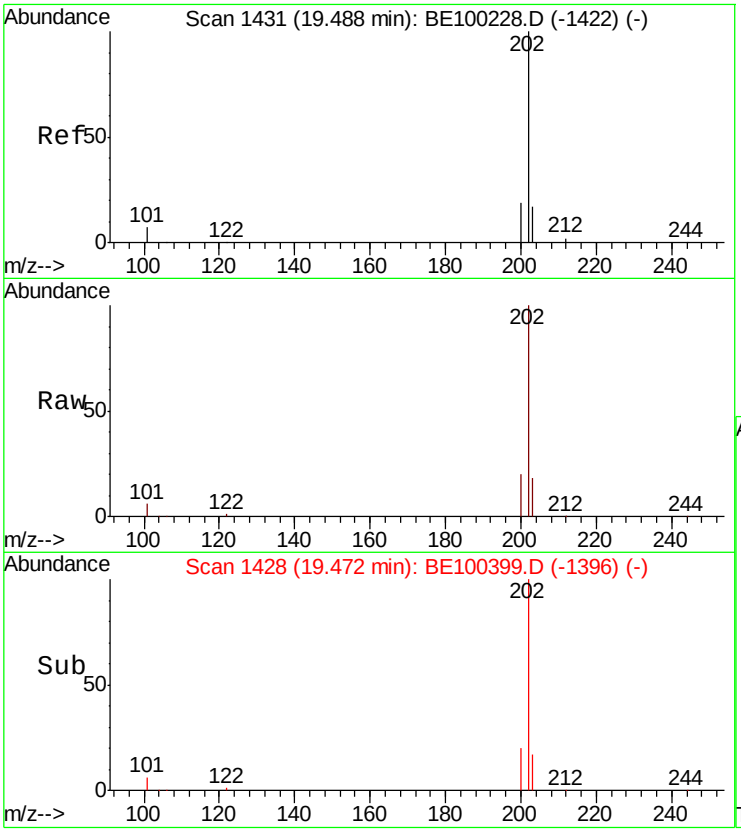


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:240 Resp: 6952

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.3	4.9
236	28.4	22.6	34.0



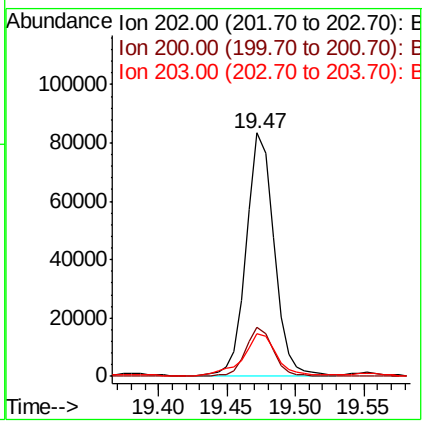


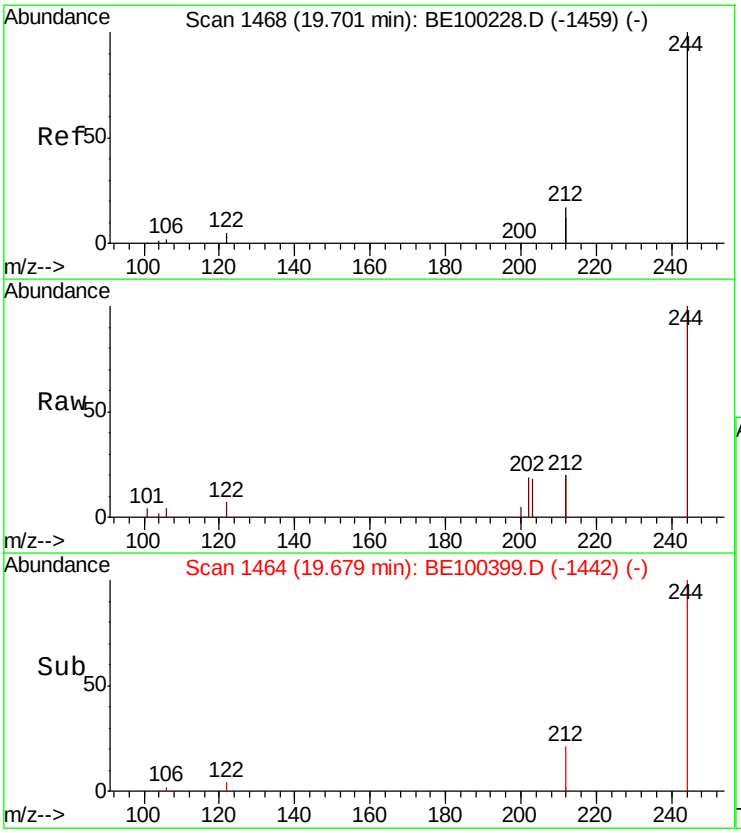
#28
Pyrene
Concen: 6.306 ng
RT: 19.47 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:202 Resp: 116073

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.4	14.0	21.0

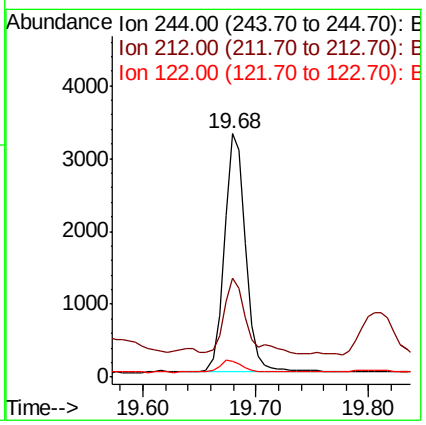


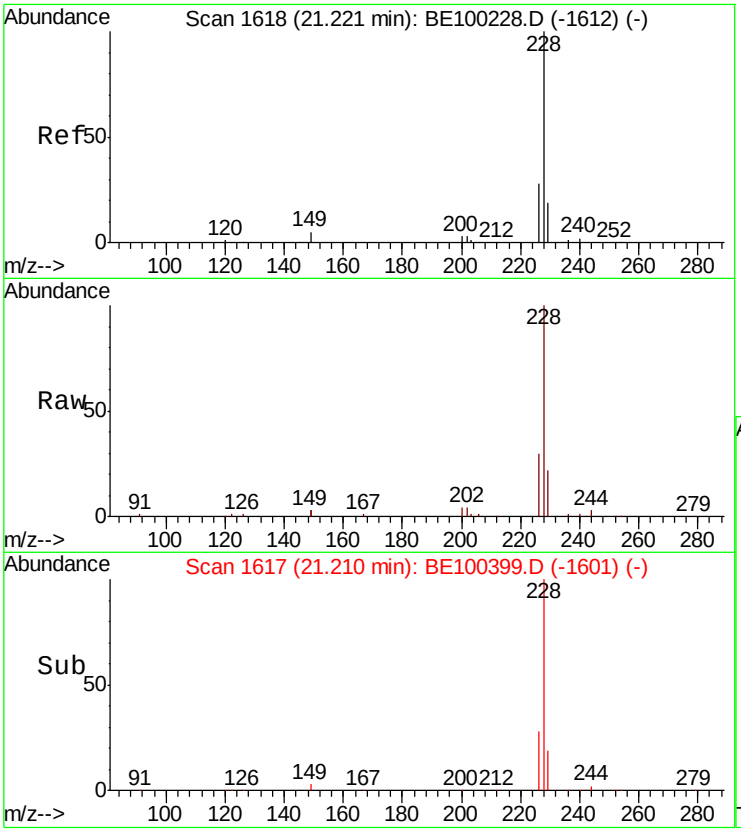


#29
Terphenyl-d14
Concen: 0.298 ng
RT: 19.68 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:244 Resp: 4291

Ion	Ratio	Lower	Upper
244	100		
212	40.5	27.3	40.9
122	6.7	4.7	7.1



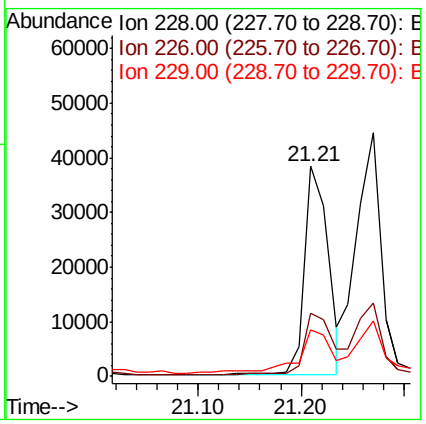


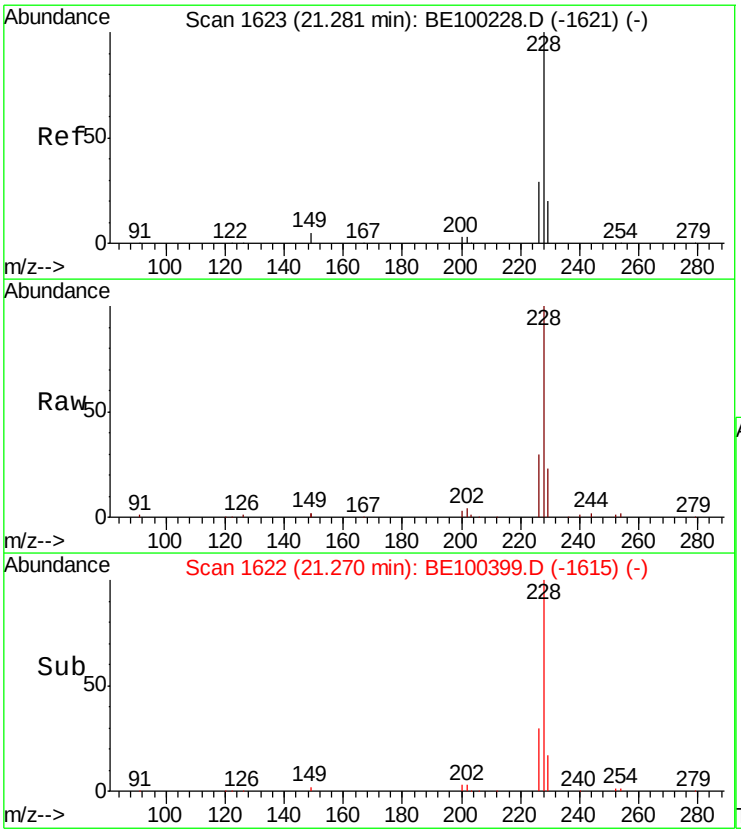
#30
Benzo(a)anthracene
Concen: 2.696 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:228 Resp: 61615

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	22.4	15.7	23.5

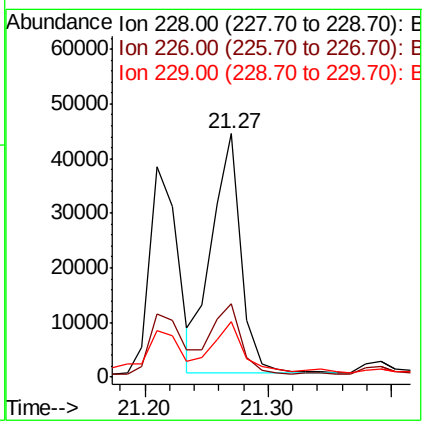


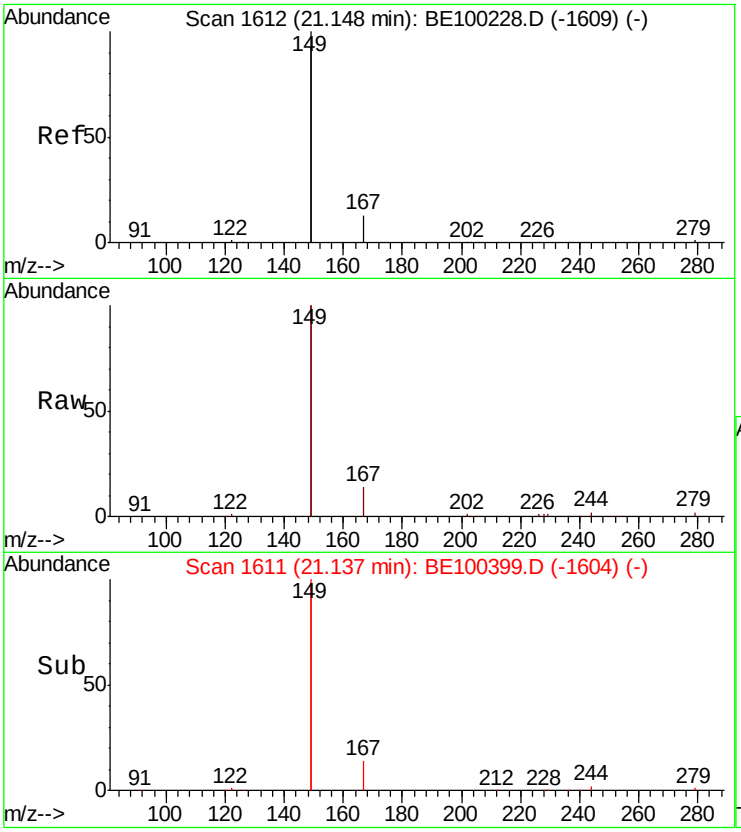


#31
Chrysene
Concen: 3.152 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:228 Resp: 72341

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	22.7	16.5	24.7



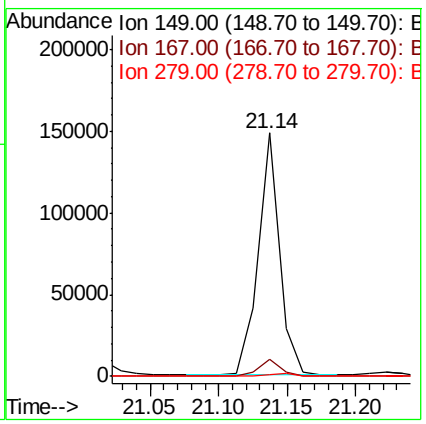


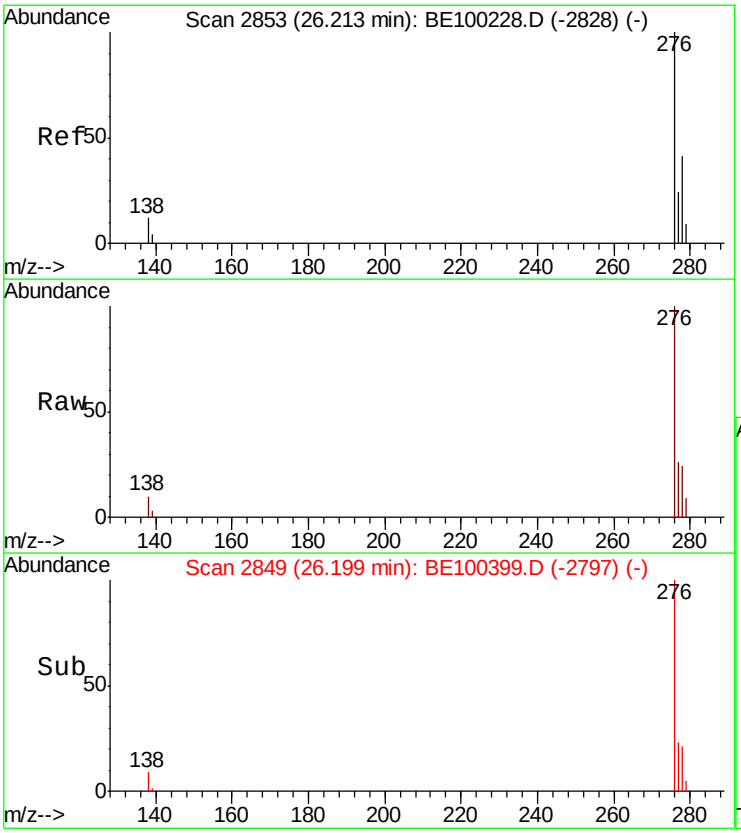
#32
Bis(2-ethylhexyl)phthalate
Concen: 4.854 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:149 Resp: 158684

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.8
279	1.5	1.1	1.7

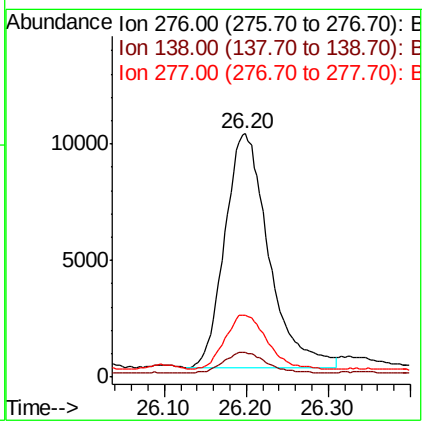


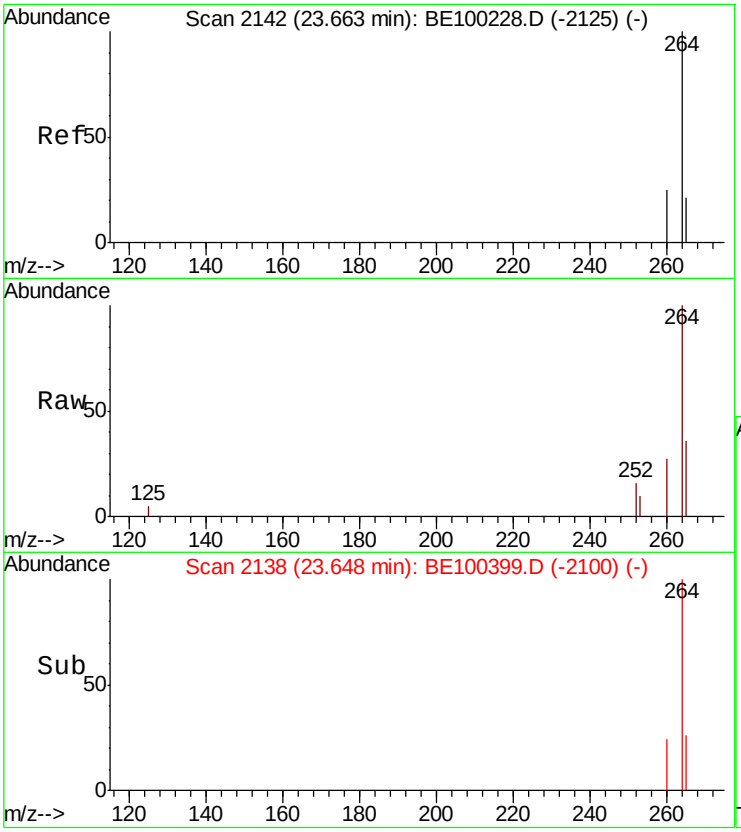


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.227 ng
RT: 26.20 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:276 Resp: 37252

Ion	Ratio	Lower	Upper
276	100		
138	8.6	9.4	14.0#
277	22.3	19.2	28.8



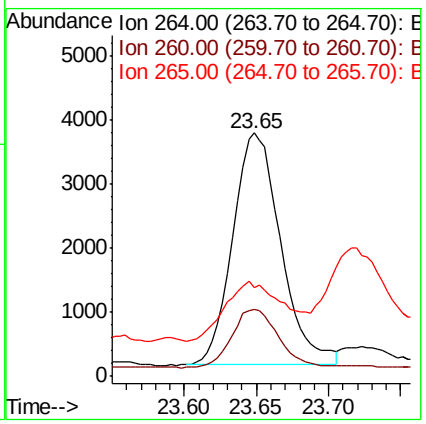


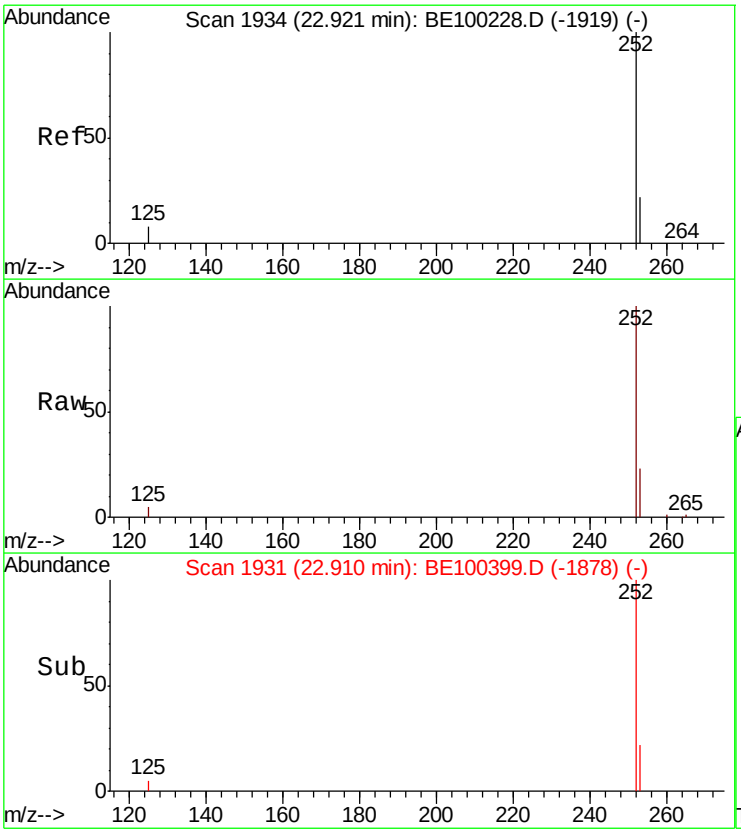
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:264 Resp: 8264

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.8	31.2
265	36.4	21.8	32.6#

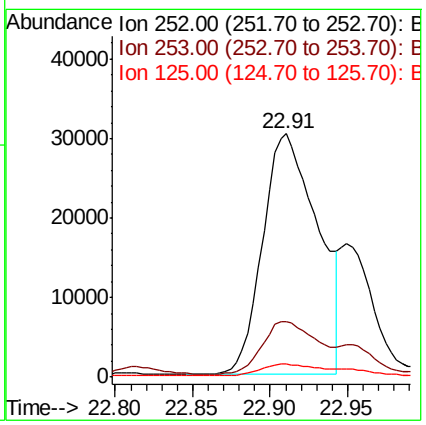


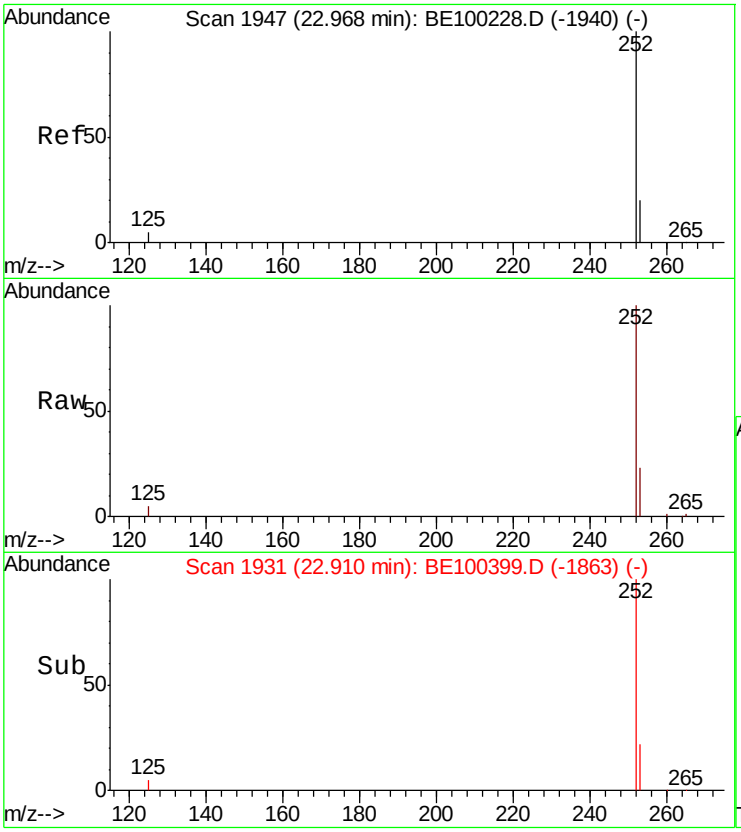


#35
Benzo(b)fluoranthene
Concen: 3.328 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:252 Resp: 74569

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	5.3	7.4	11.0#



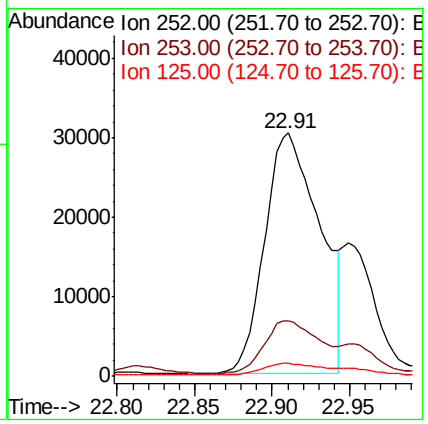


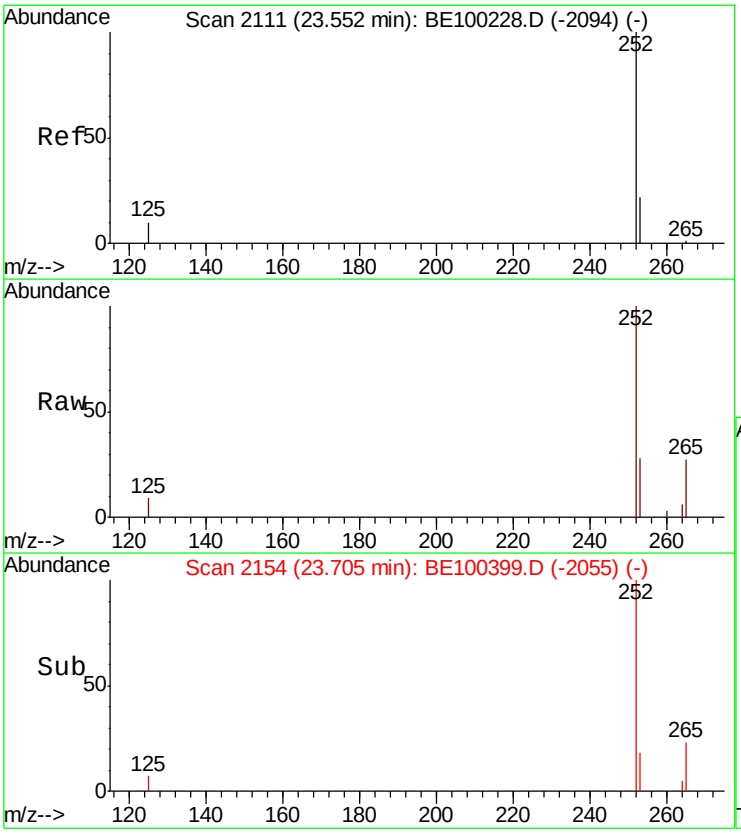
#36
Benzo(k)fluoranthene
Concen: 2.982 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:252 Resp: 74569

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	5.3	5.0	7.4

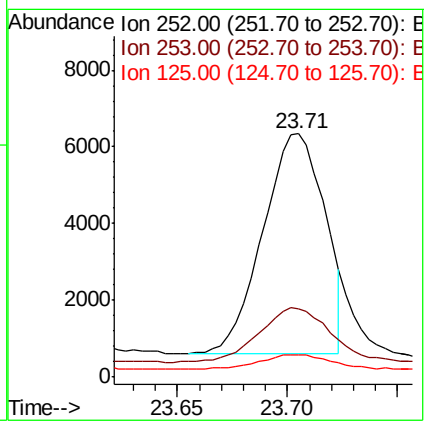


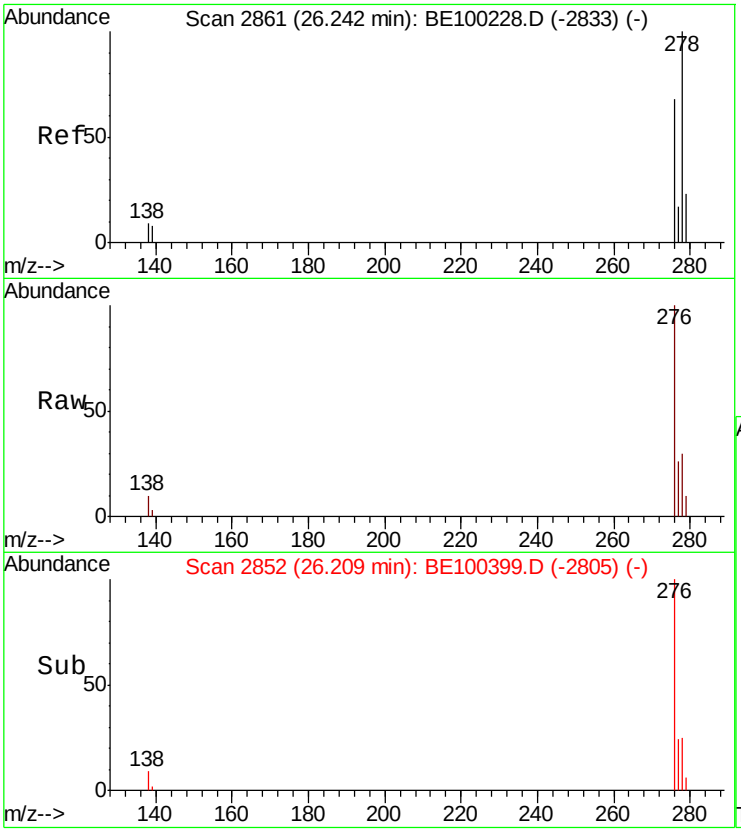


#37
Benzo(a)pyrene
Concen: 0.496 ng
RT: 23.71 min Scan# 2154
Delta R.T. 0.15 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:252 Resp: 11132

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.6	29.4
125	9.4	9.0	13.6



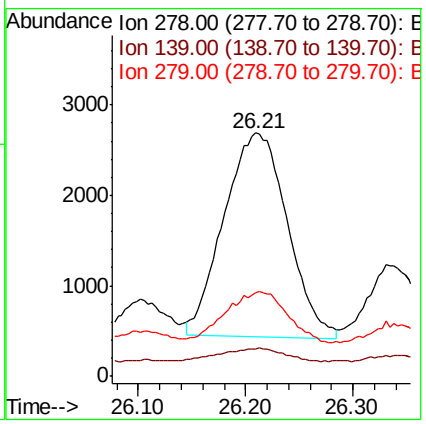


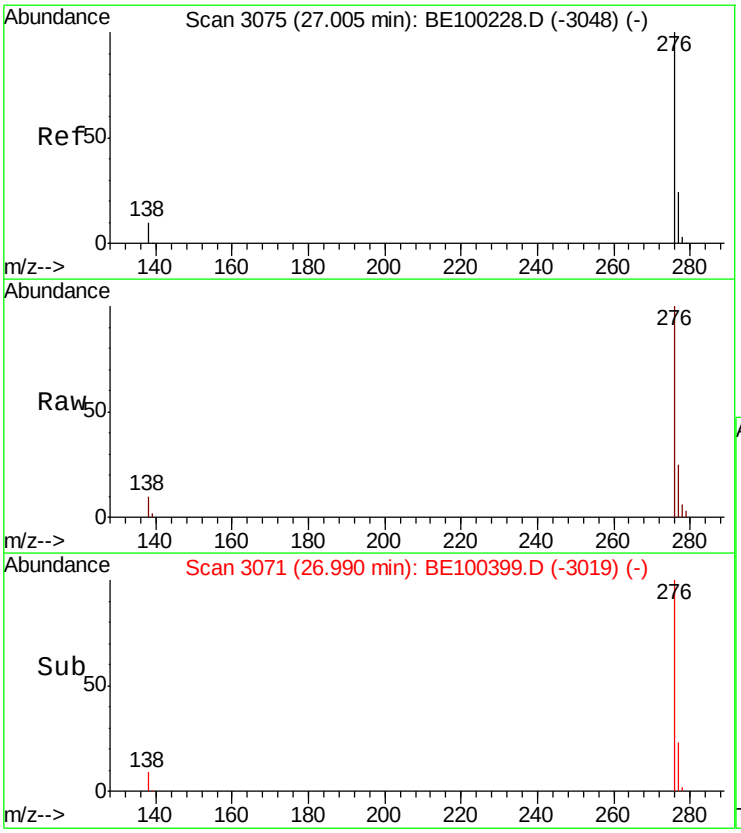
#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.21 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:278 Resp: 9223

Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.2	12.2
279	34.3	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.684 ng
RT: 26.99 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BE100399.D
Acq: 6 Jul 2019 2:29

Tgt Ion:276 Resp: 40570

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.2	30.2
138	9.8	9.0	13.6