Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100386.D
Acq On : 5 Jul 2019 17:58
Operator : JU/SJ
Sample : K3561-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-012-B227-062419

Quant Time: Jul 06 00:13:11 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	709	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	2313	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1795	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5657	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	7561	0.40	ng		-0.01
34) Perylene-d12	23.65	264	9179	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	730	0.40	ng		-0.02
5) Phenol-d6	6.82	99	882	0.37	ng		-0.02
8) Nitrobenzene-d5	8.80	82	663	0.29	ng		-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1604	0.37	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	550	0.44	ng		-0.03
15) 2-Fluorobiphenyl	12.91	172	2650	0.38	ng		-0.03
25) Fluoranthene-d10	19.09	212	21943	0.27	ng		-0.01
29) Terphenyl-d14	19.68	244	4619	0.29	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.47	42	30	0.059	ng	#	1
9) Naphthalene	10.47	128	1903	0.075	ng	#	91
12) 2-Methylnaphthalene	12.11	142	128	0.029	ng	#	77
16) Acenaphthylene	14.02	152	817	0.095	ng		95
17) Acenaphthene	14.36	154	228	0.047	ng		86
18) Fluorene	15.34	166	406	0.056	ng	#	97
23) Phenanthrene	17.08	178	12216	0.891	ng		99
24) Anthracene	17.17	178	2016	0.163	ng		99
26) Fluoranthene	19.11	202	36346	1.664	ng		100
28) Pyrene	19.48	202	37499	1.873	ng		96
30) Benzo(a)anthracene	21.22	228	28488	1.146	ng		92
31) Chrysene	21.27	228	23332	0.935	ng		96
32) Bis(2-ethylhexyl)phthalate	21.14	149	7742	0.163	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.20	276	14861	0.450	ng	#	97
35) Benzo(b)fluoranthene	22.91	252	27990	1.125	ng		98
36) Benzo(k)fluoranthene	22.91	252	27990	1.008	ng	#	95
37) Benzo(a)pyrene	23.43	252	15540	0.623	ng		97
38) Dibenzo(a,h)anthracene	26.21	278	3586	0.138	ng	#	69
39) Benzo(g,h,i)perylene	26.99	276	14271	0.533	ng		97

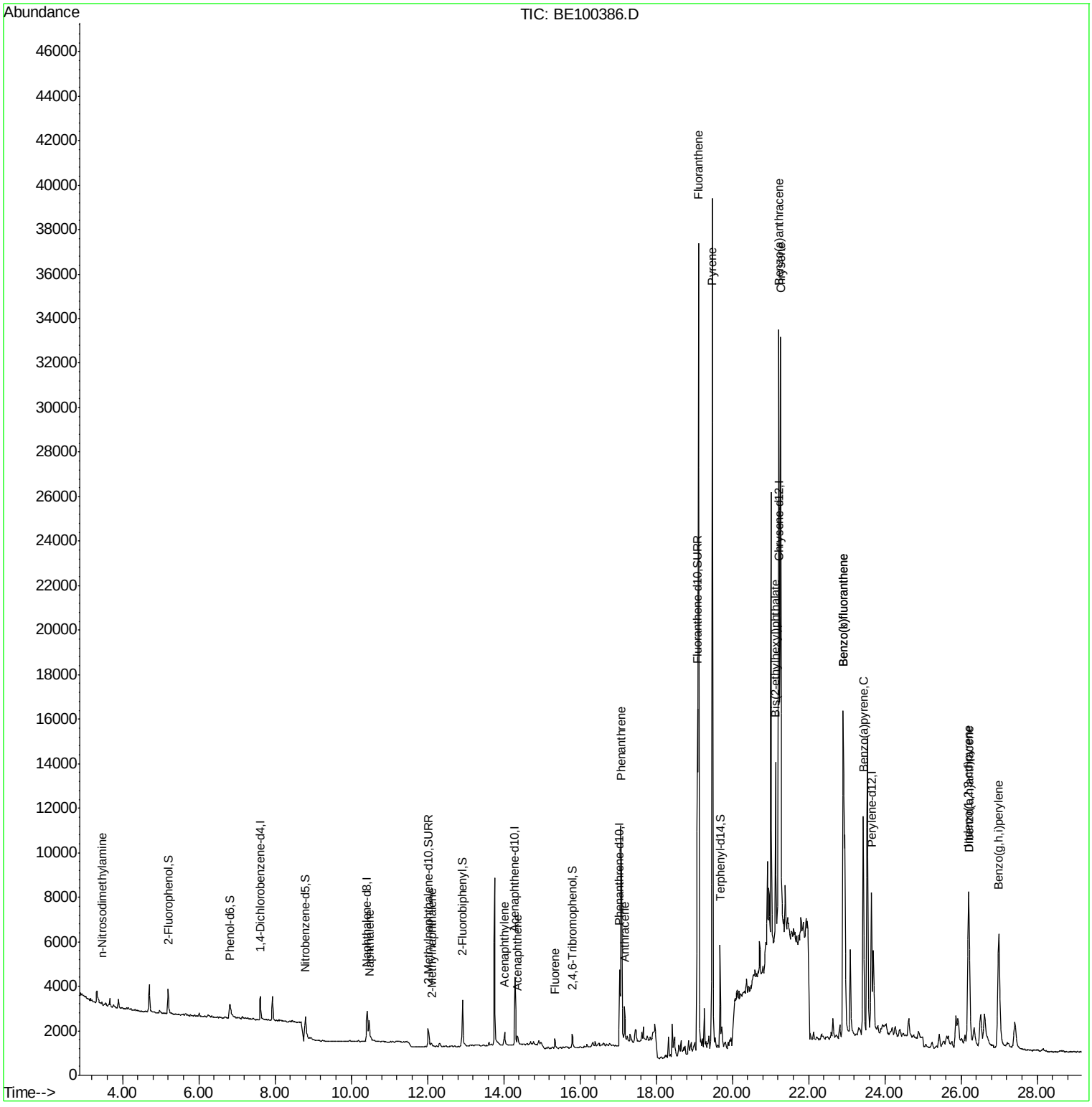
(#) = qualifier out of range (m) = manual integration (+) = signals summed

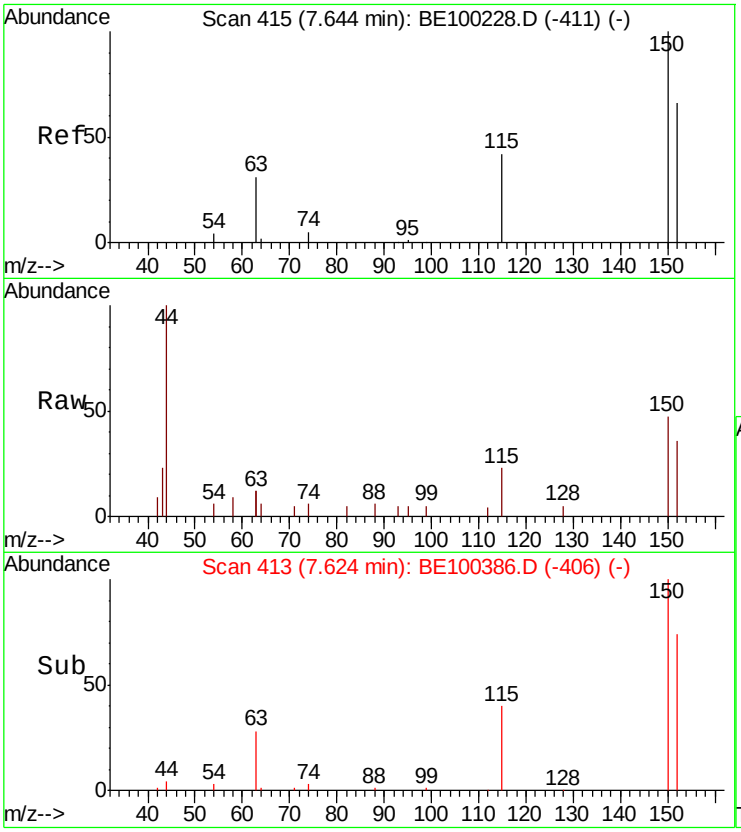
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100386.D
Acq On : 5 Jul 2019 17:58
Operator : JU/SJ
Sample : K3561-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Quant Time: Jul 06 00:13:11 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



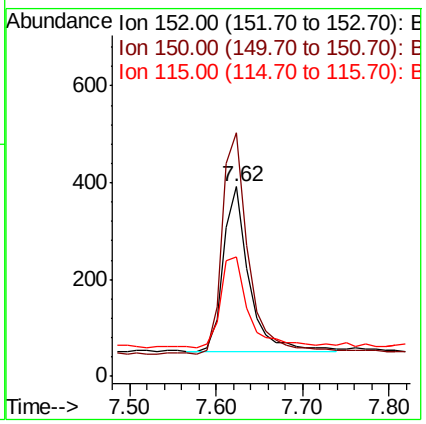


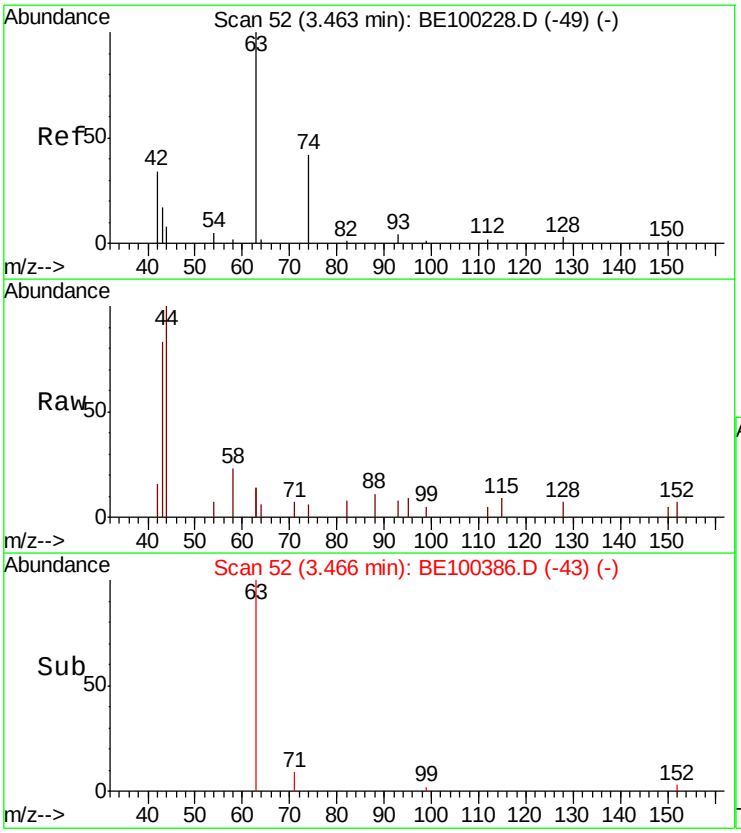
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:152 Resp: 709

Ion	Ratio	Lower	Upper
152	100		
150	128.6	114.5	171.7
115	62.9	57.1	85.7

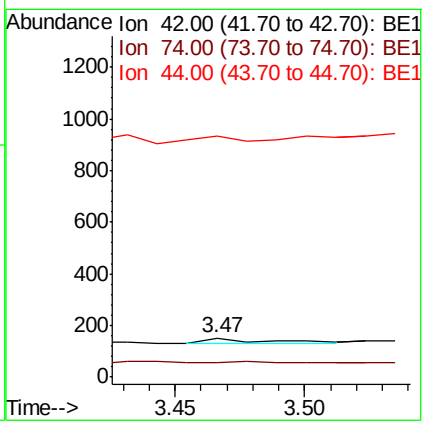


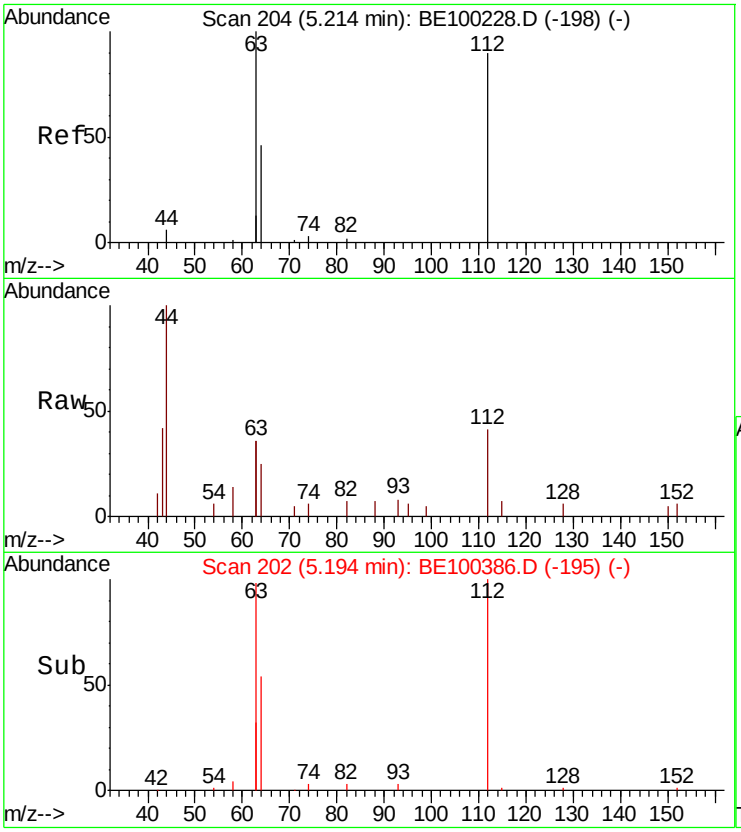


#3
n-Nitrosodimethylamine
Concen: 0.059 ng
RT: 3.47 min Scan# 52
Delta R.T. 0.00 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion: 42 Resp: 30

Ion	Ratio	Lower	Upper
42	100		
74	16.7	130.6	196.0#
44	126.7	38.0	57.0#



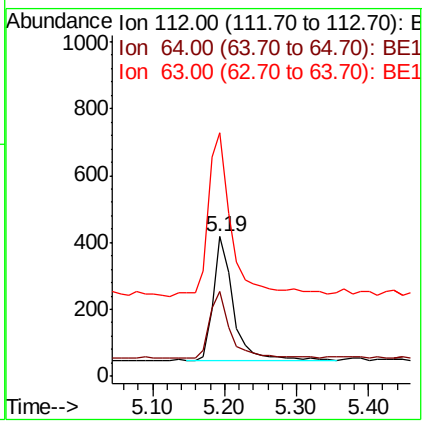


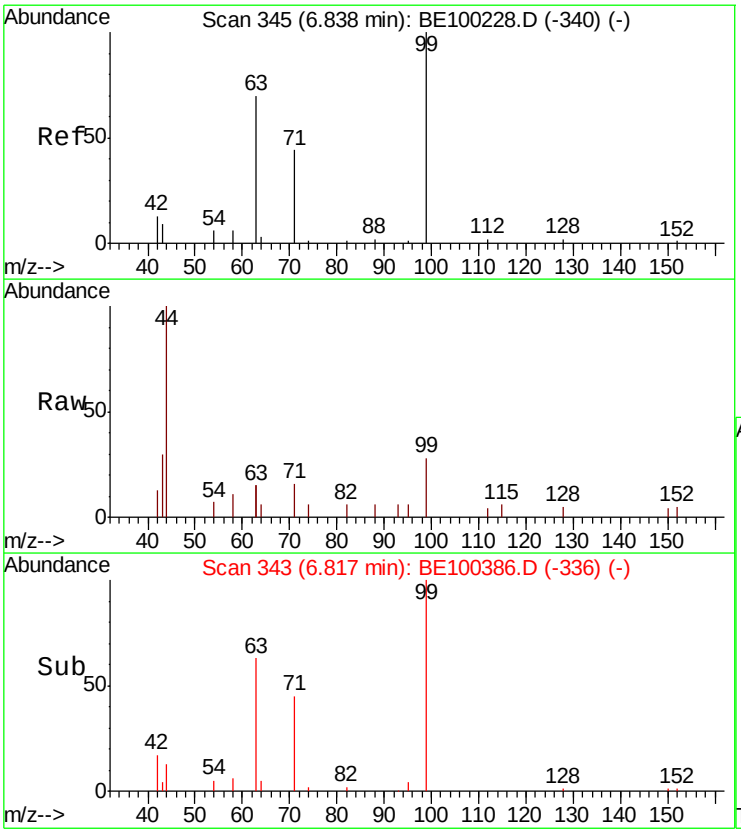
#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.19 min Scan# 202
Delta R.T. -0.02 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:112 Resp: 730

Ion	Ratio	Lower	Upper
112	100		
64	55.1	39.4	59.0
63	154.1	104.5	156.7

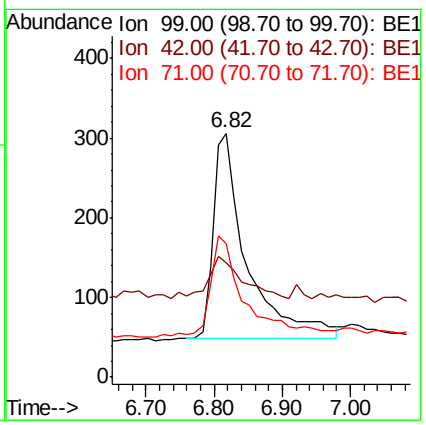


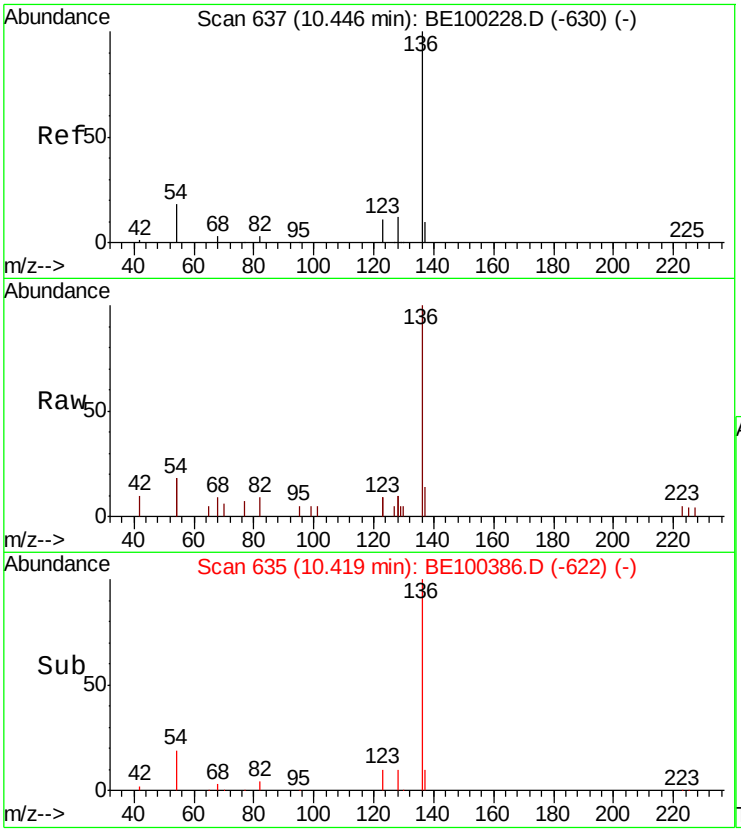


#5
Phenol-d6
Concen: 0.371 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion: 99 Resp: 882

Ion	Ratio	Lower	Upper
99	100		
42	20.9	11.2	16.8#
71	46.5	37.2	55.8



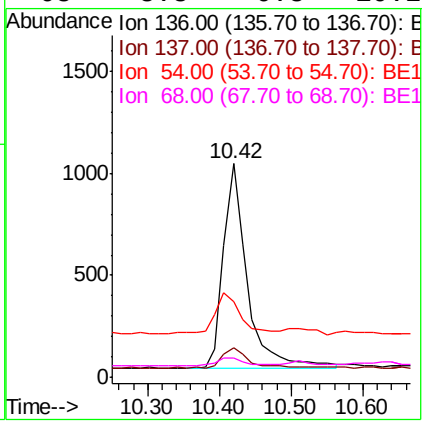


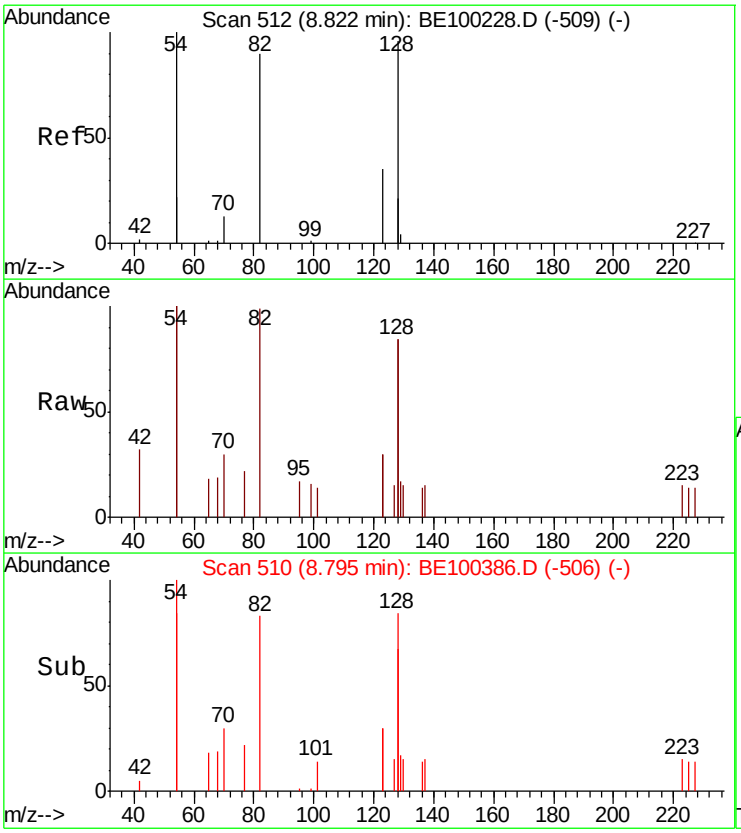
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:136 Resp: 2313

Ion	Ratio	Lower	Upper
136	100		
137	13.9	11.8	17.8
54	35.5	27.7	41.5
68	8.8	6.8	10.2

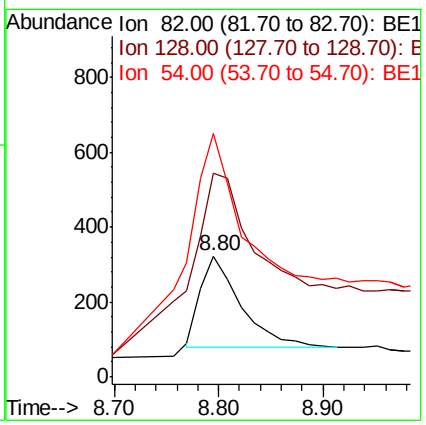


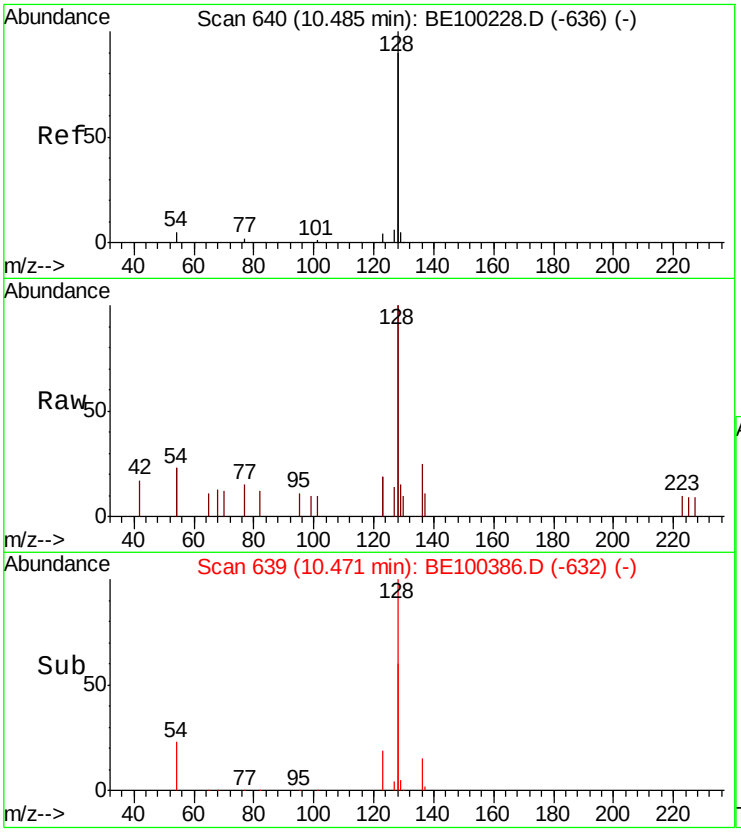


#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion: 82 Resp: 663

Ion	Ratio	Lower	Upper
82	100		
128	168.4	140.9	211.3
54	201.2	146.2	219.2



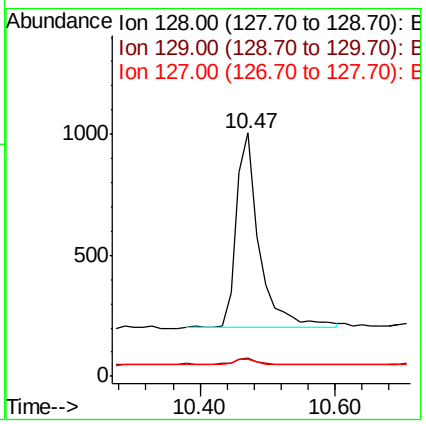


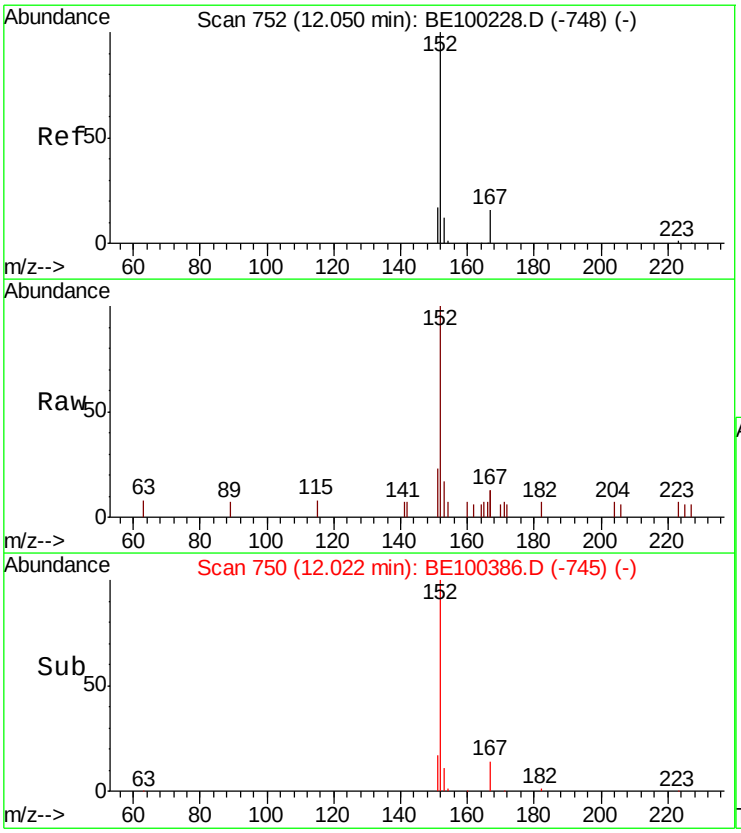
#9
Naphthalene
Concen: 0.075 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:128 Resp: 1903

Ion	Ratio	Lower	Upper
128	100		
129	7.6	3.0	4.6#
127	6.9	3.5	5.3#

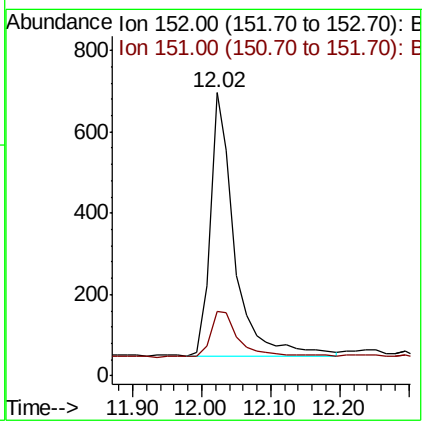


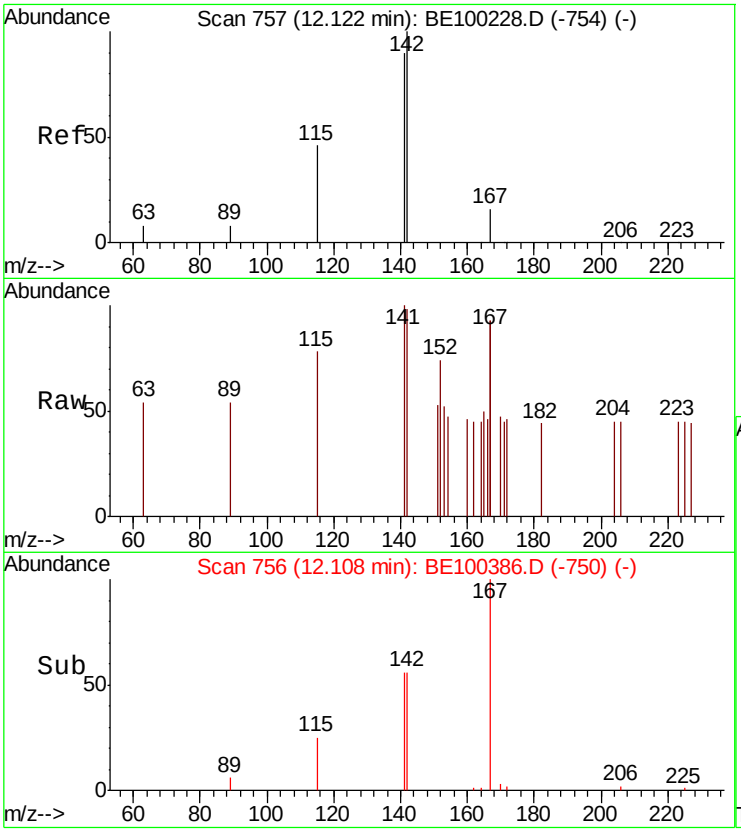


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:152 Resp: 1604

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7



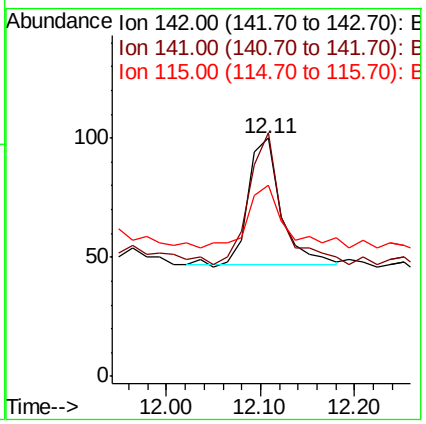


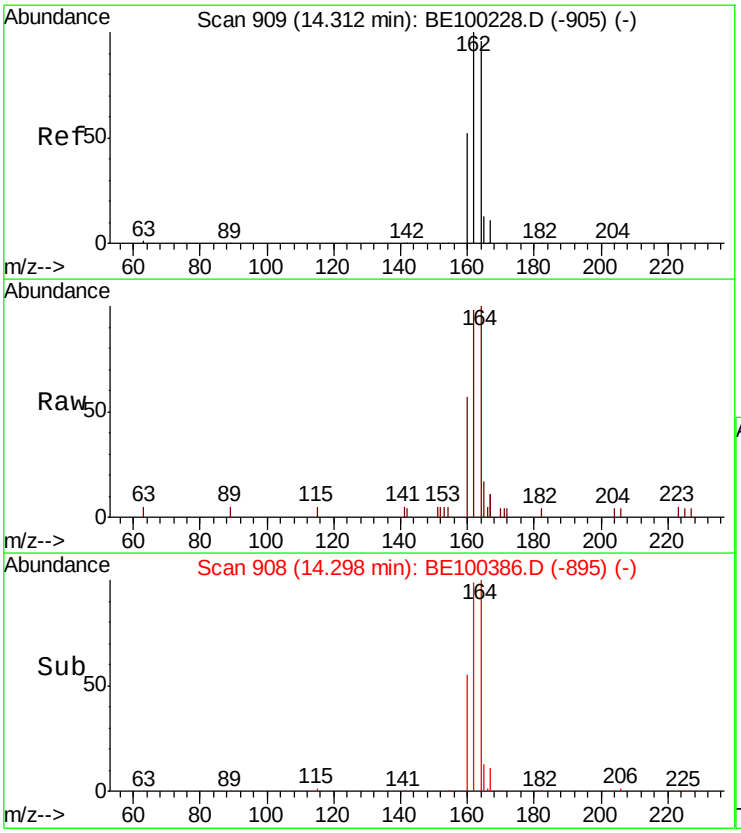
#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:142 Resp: 128

Ion	Ratio	Lower	Upper
142	100		
141	102.0	72.4	108.6
115	80.0	40.4	60.6#

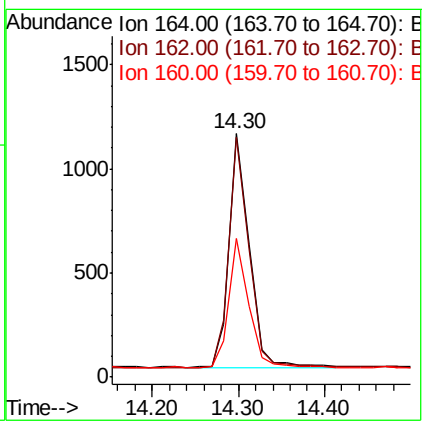


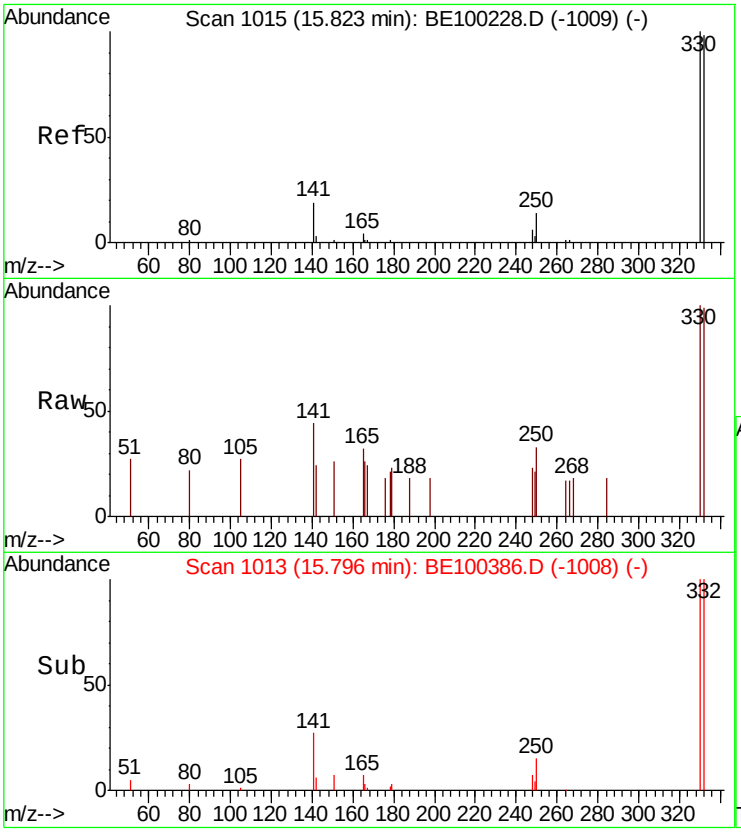


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:164 Resp: 1795

Ion	Ratio	Lower	Upper
164	100		
162	98.3	83.4	125.0
160	56.8	45.0	67.6



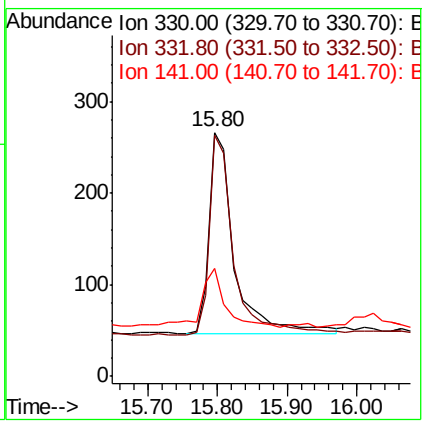


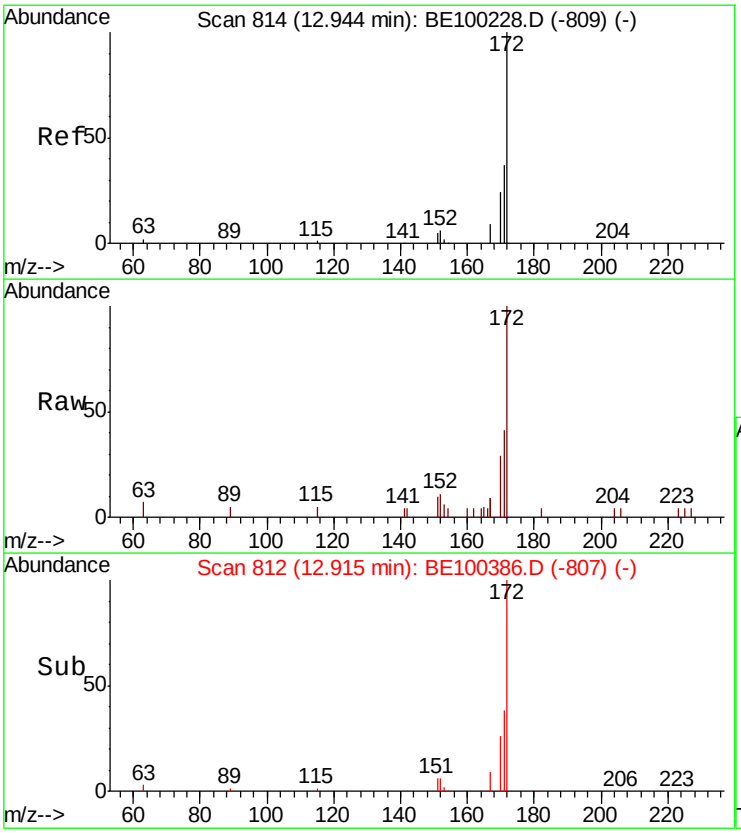
#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:330 Resp: 550

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.4
141	25.8	22.0	33.0

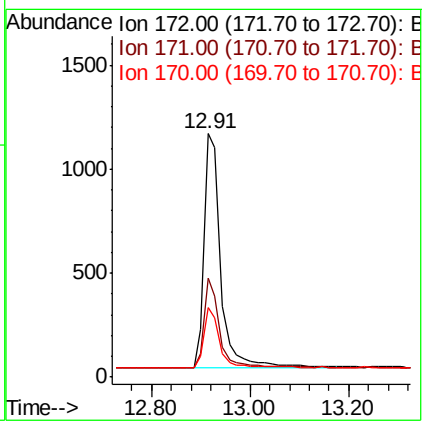


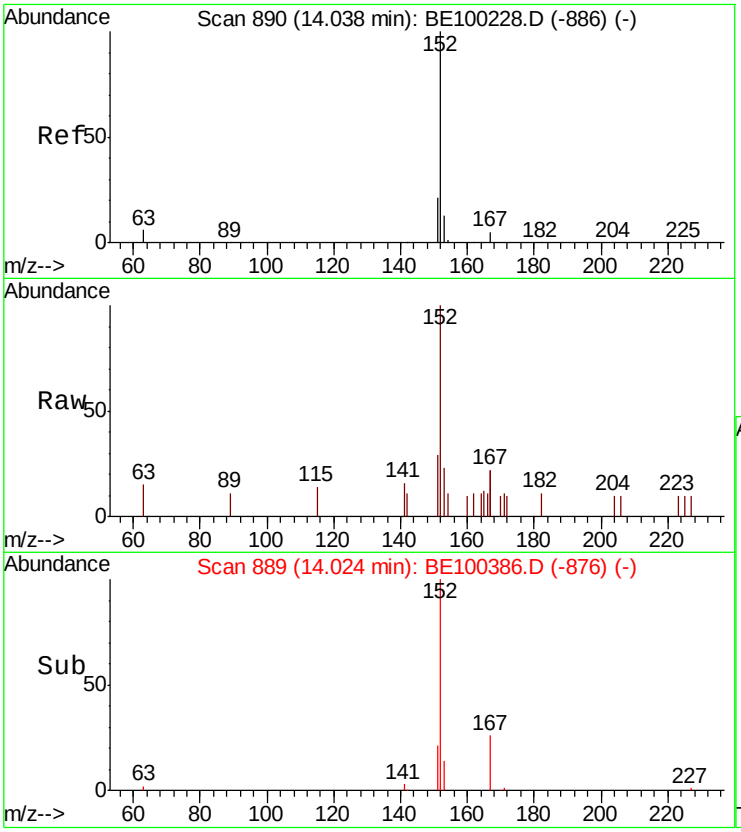


#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.91 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:172 Resp: 2650

Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.9	47.9
170	28.5	22.2	33.2



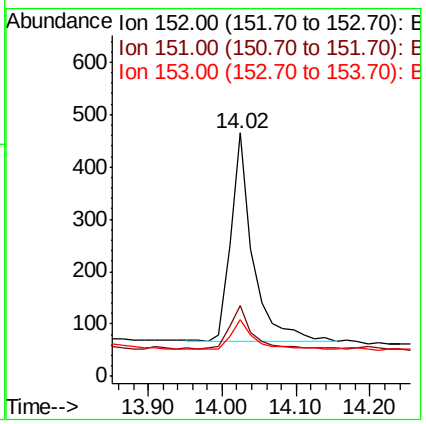


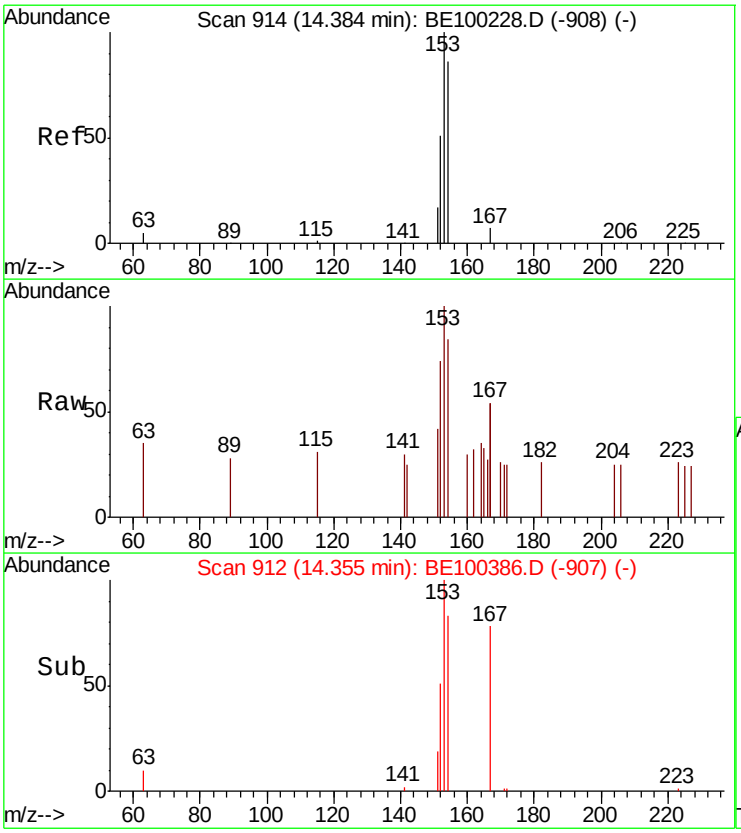
#16
Acenaphthylene
Concen: 0.095 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:152 Resp: 817

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.6	25.0
153	15.5	10.5	15.7

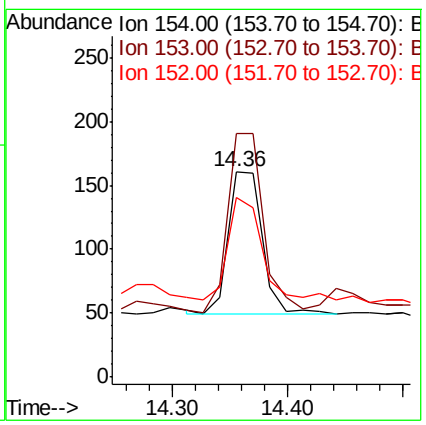


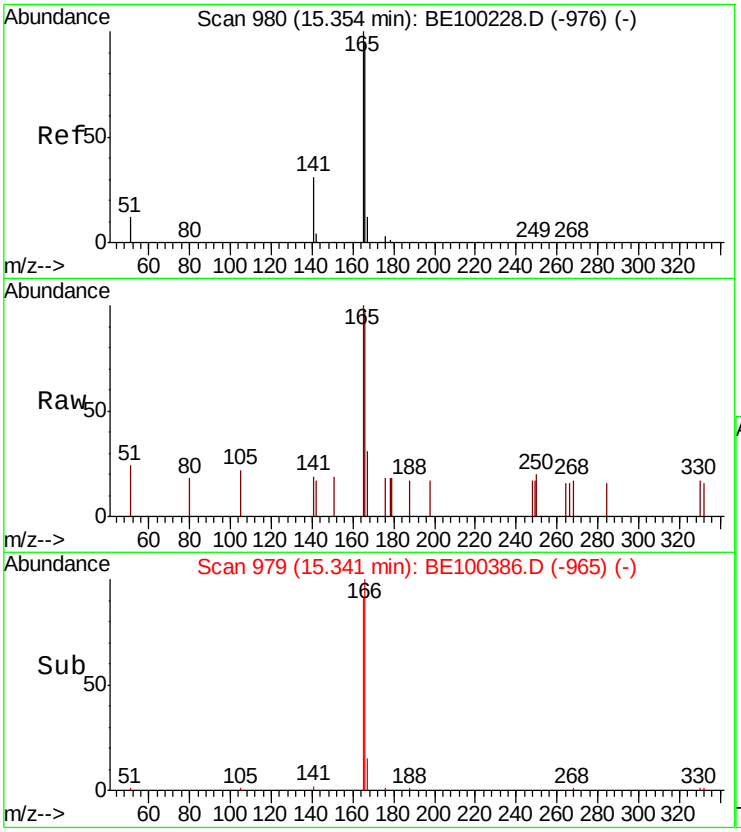


#17
Acenaphthene
Concen: 0.047 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:154 Resp: 228

Ion	Ratio	Lower	Upper
154	100		
153	132.5	93.4	140.2
152	71.9	49.4	74.2



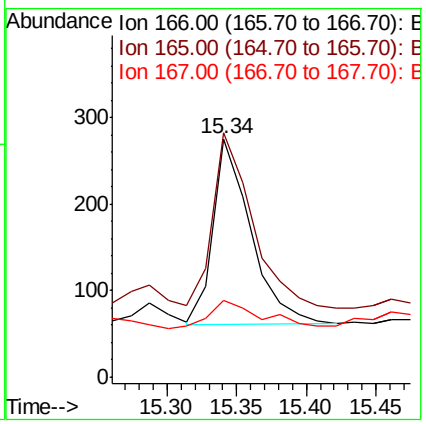


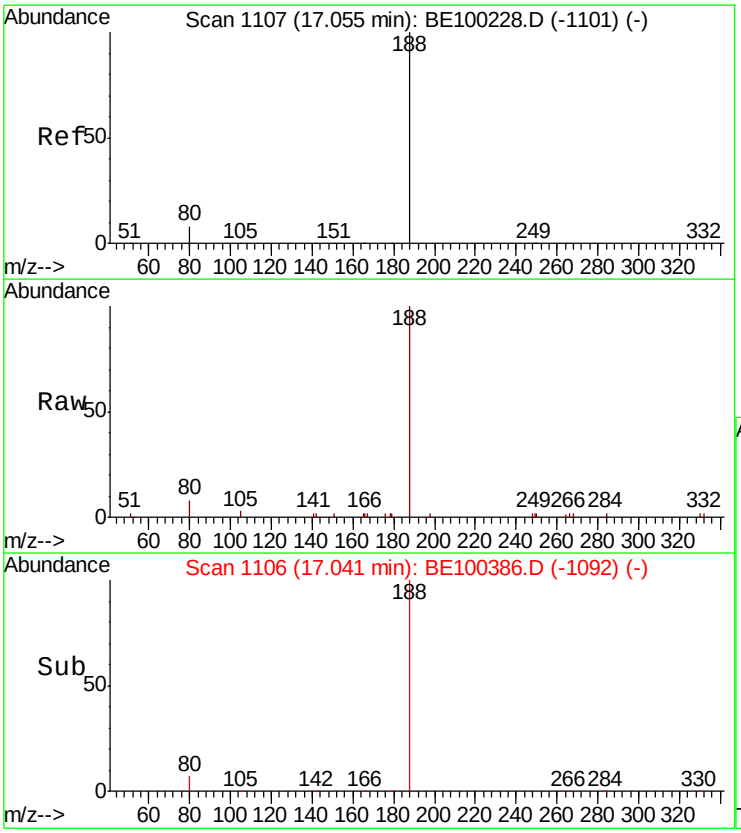
#18
Fluorene
Concen: 0.056 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:166 Resp: 406

Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.1	121.7
167	21.2	10.7	16.1#

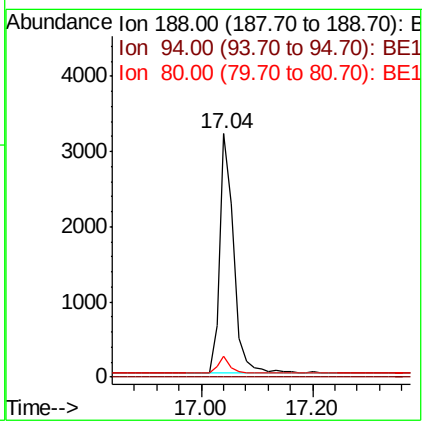


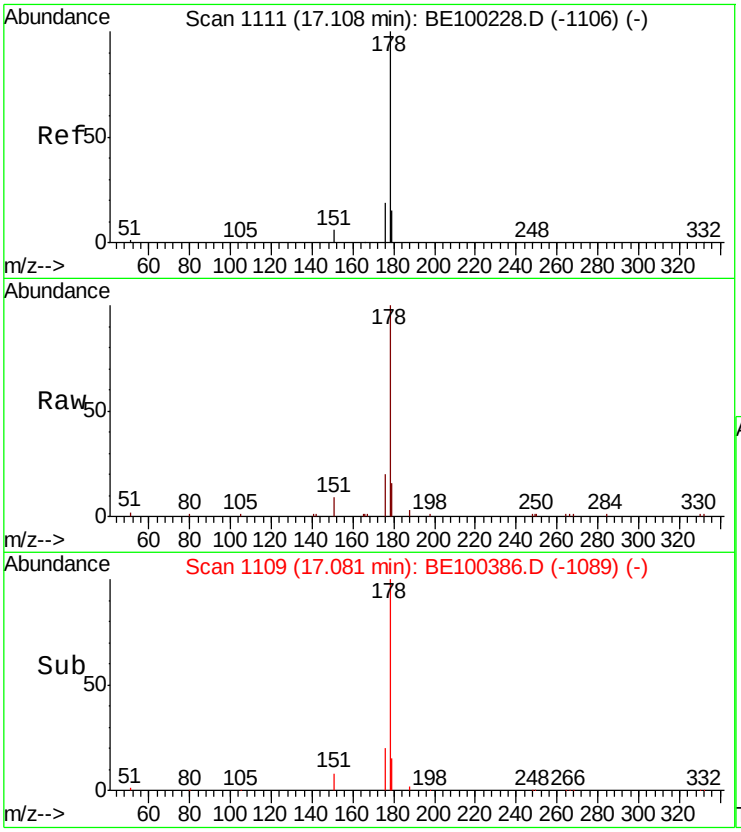


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:188 Resp: 5657

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.6	11.4



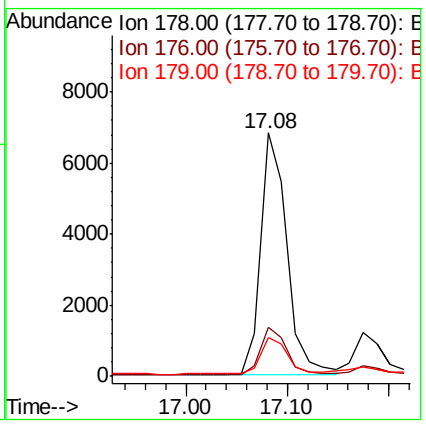


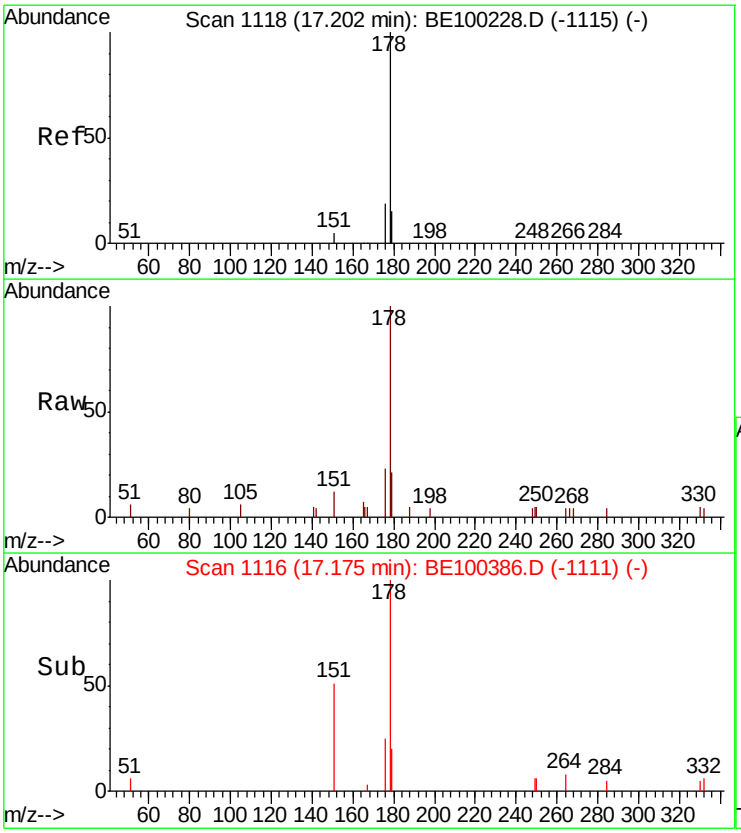
#23
Phenanthrene
Concen: 0.891 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:178 Resp: 12216

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.8	12.2	18.2

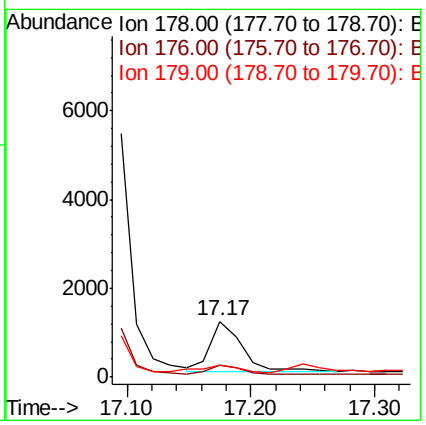


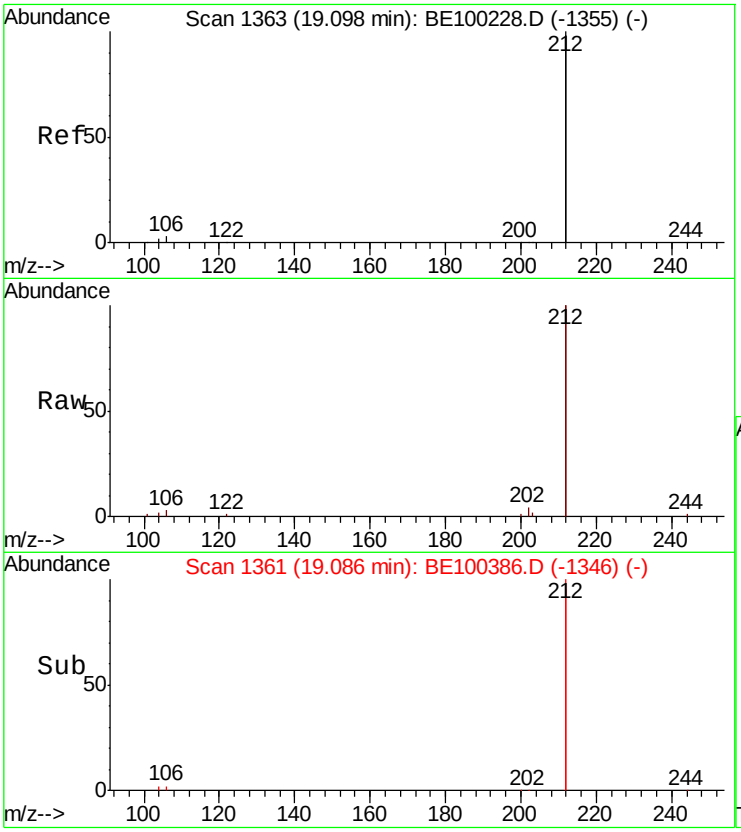


#24
Anthracene
Concen: 0.163 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:178 Resp: 2016

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.5	12.2	18.2



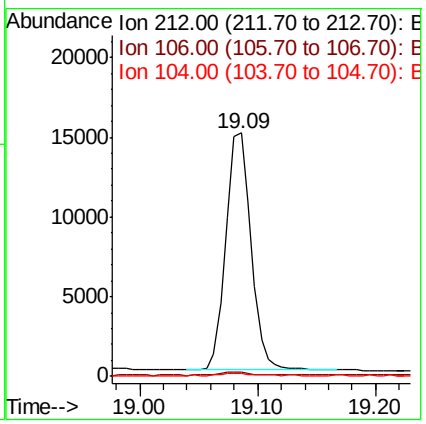


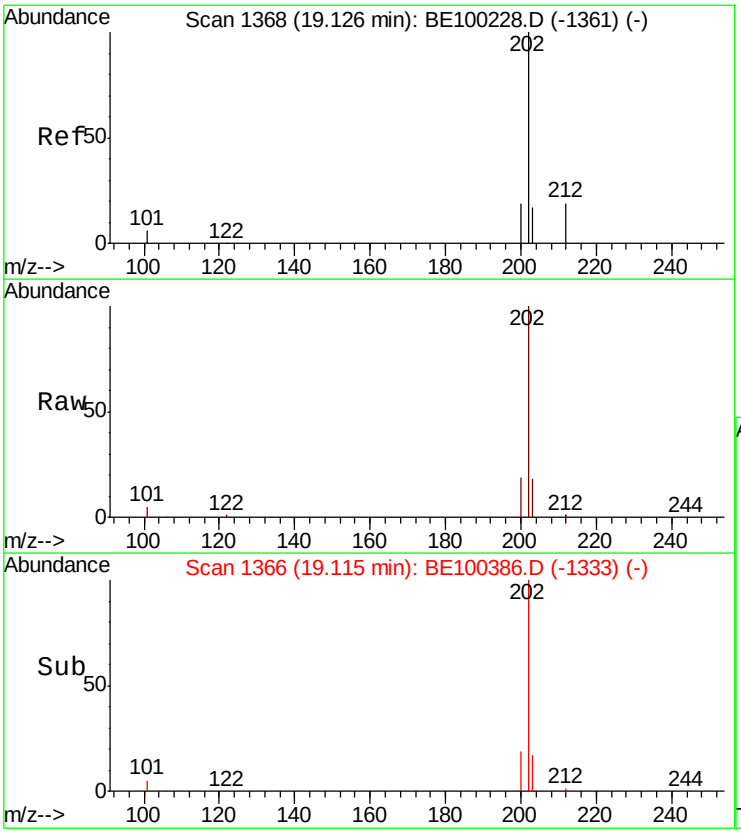
#25
Fluoranthene-d10
Concen: 0.267 ng
RT: 19.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:212 Resp: 21943

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

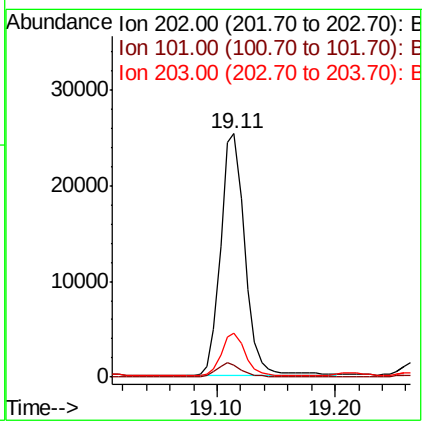


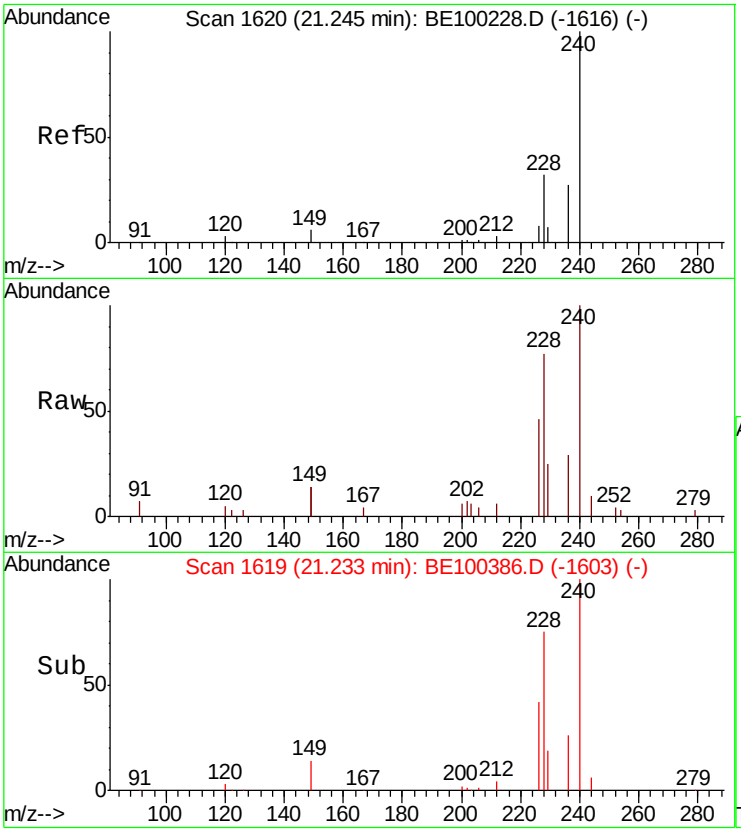


#26
Fluoranthene
Concen: 1.664 ng
RT: 19.11 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:202 Resp: 36346

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	17.1	13.7	20.5



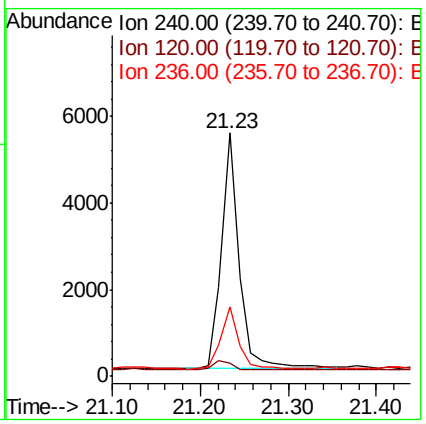


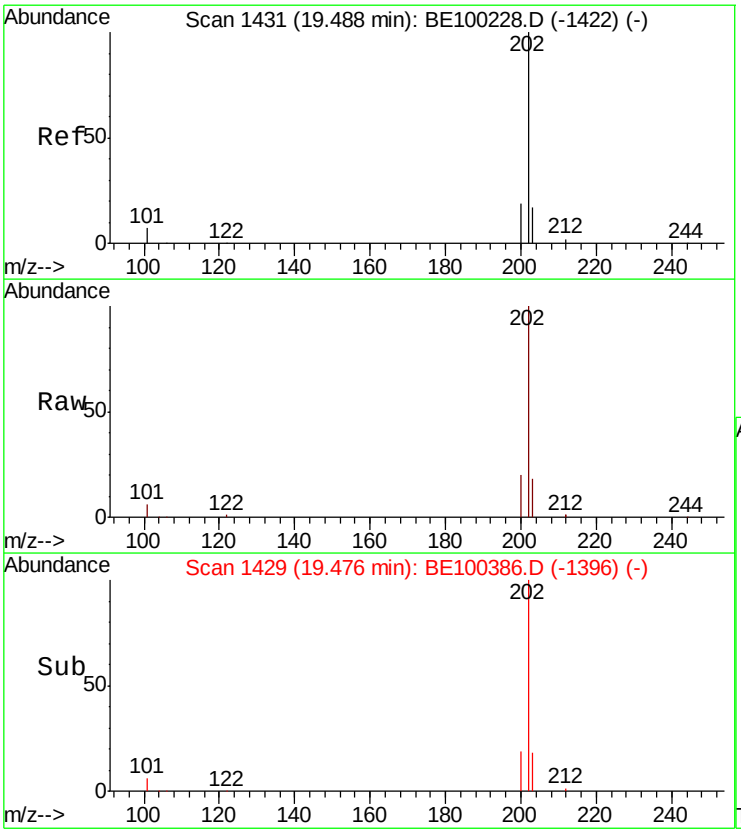
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:240 Resp: 7561

Ion	Ratio	Lower	Upper
240	100		
120	5.3	3.3	4.9#
236	28.7	22.6	34.0

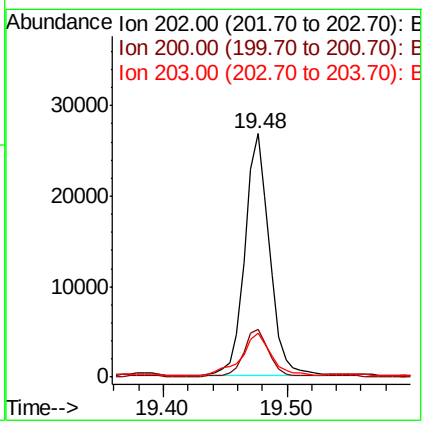


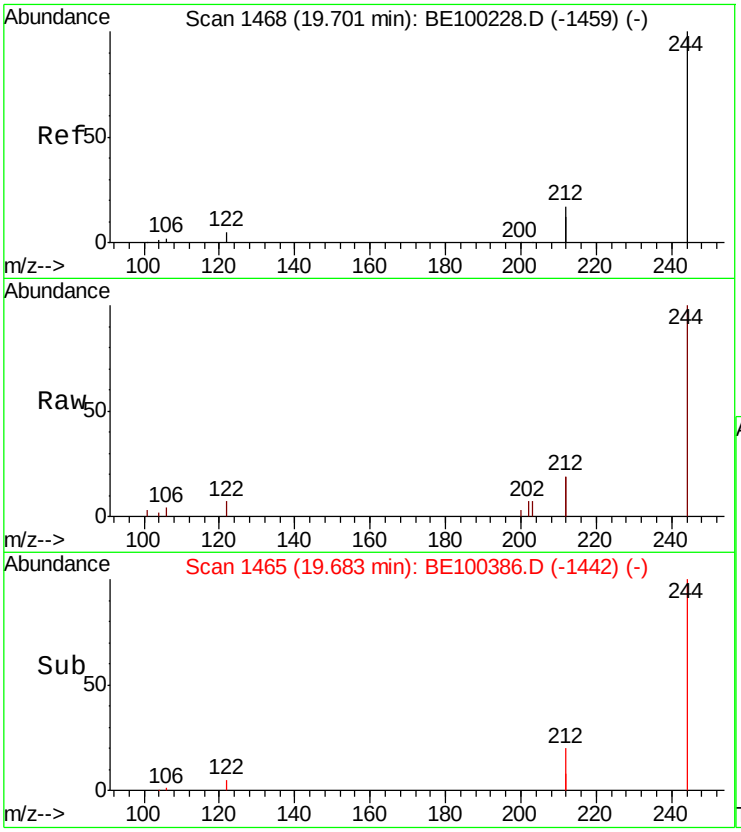


#28
Pyrene
Concen: 1.873 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:202 Resp: 37499

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	20.9	14.0	21.0



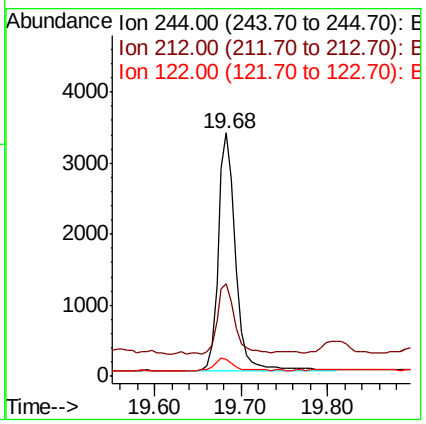


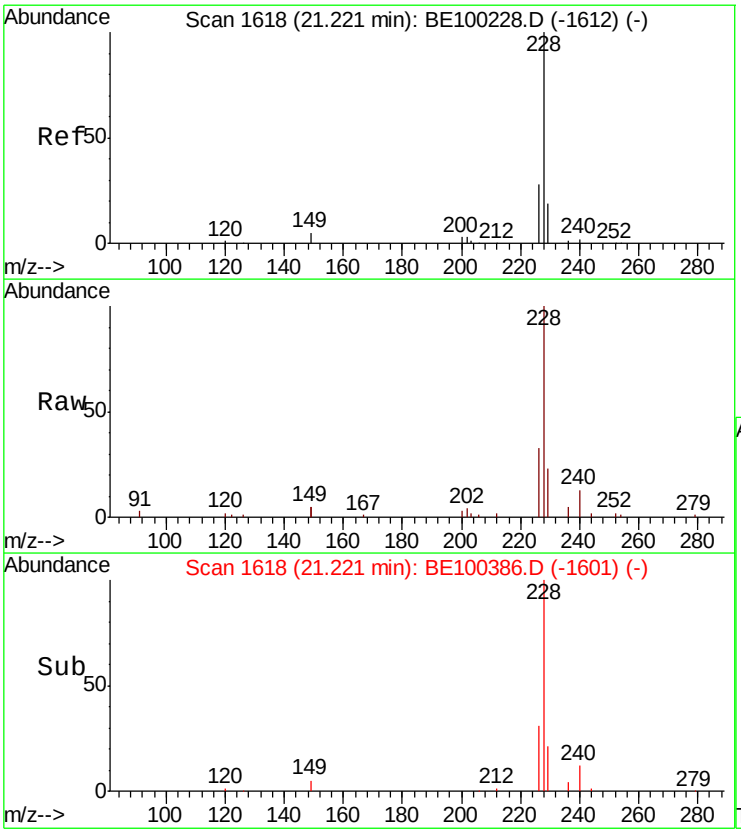
#29
Terphenyl-d14
Concen: 0.295 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:244 Resp: 4619

Ion	Ratio	Lower	Upper
244	100		
212	38.1	27.3	40.9
122	7.2	4.7	7.1#

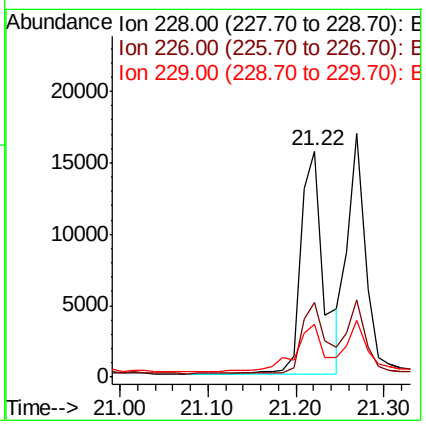


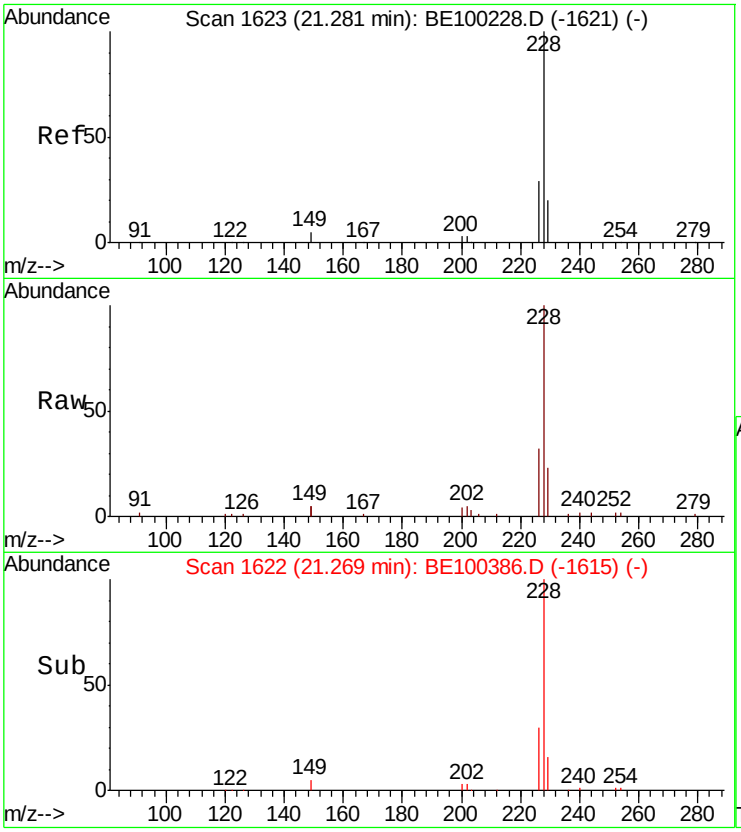


#30
Benzo(a)anthracene
Concen: 1.146 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:228 Resp: 28488

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.2	34.8
229	23.4	15.7	23.5



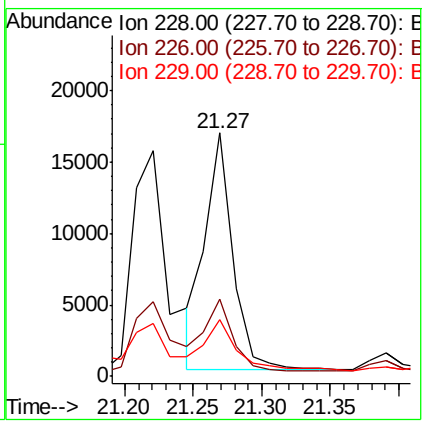


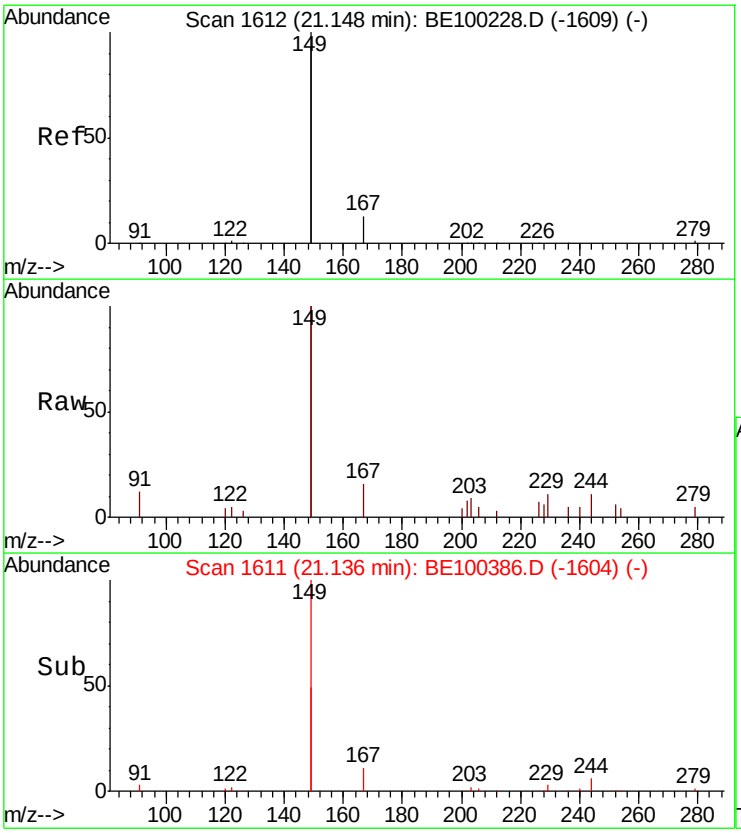
#31
Chrysene
Concen: 0.935 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:228 Resp: 23332

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.9	35.9
229	23.2	16.5	24.7

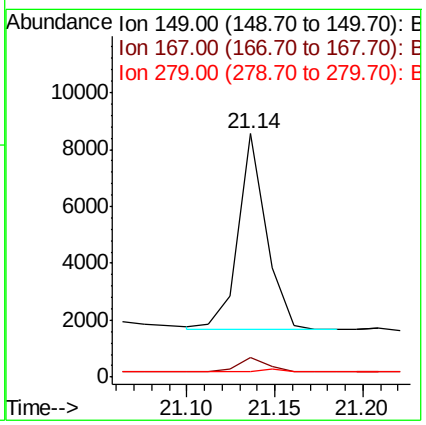


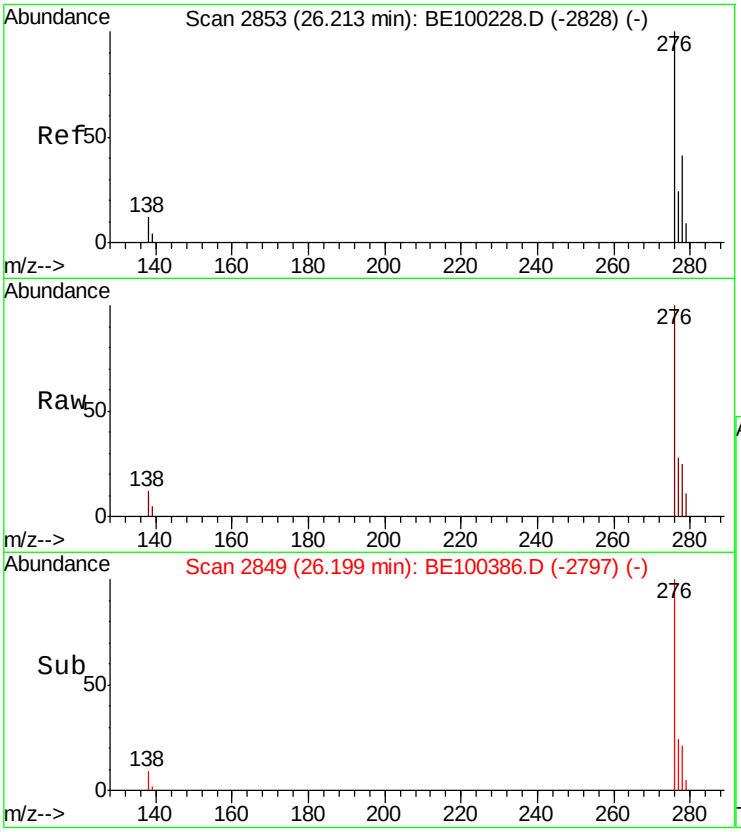


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:149 Resp: 7742

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.8
279	2.2	1.1	1.7#



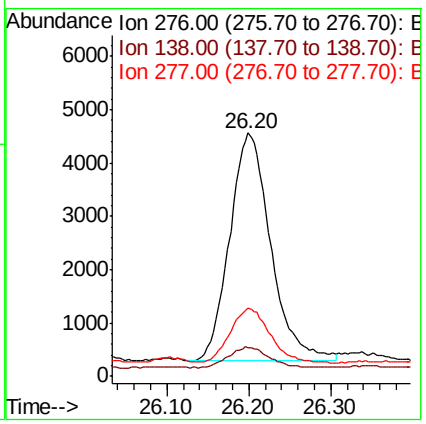


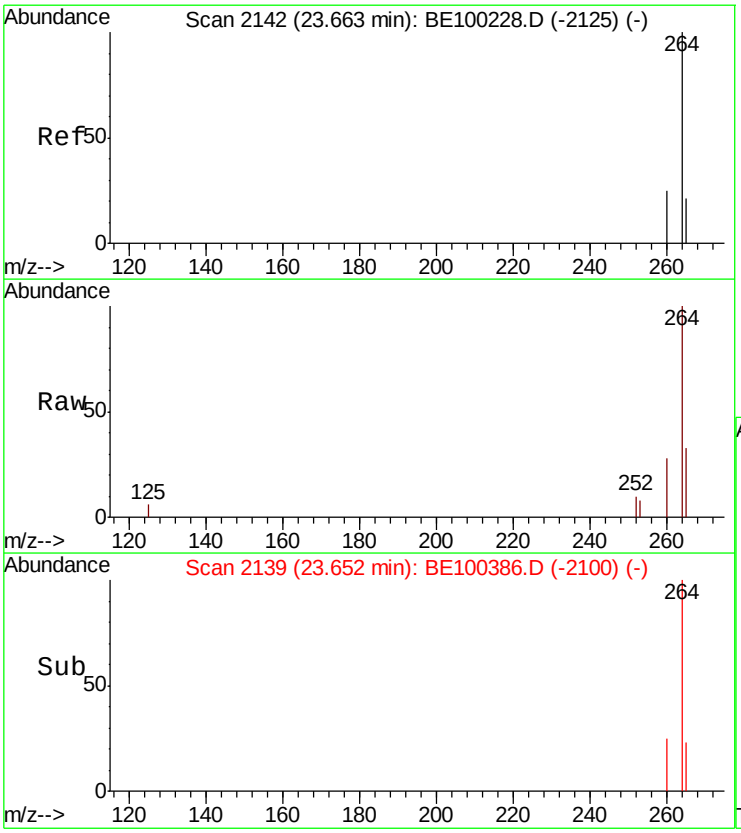
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng
RT: 26.20 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:276 Resp: 14861

Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.4	14.0#
277	23.7	19.2	28.8

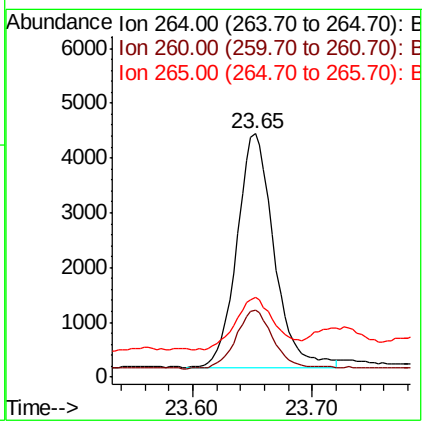


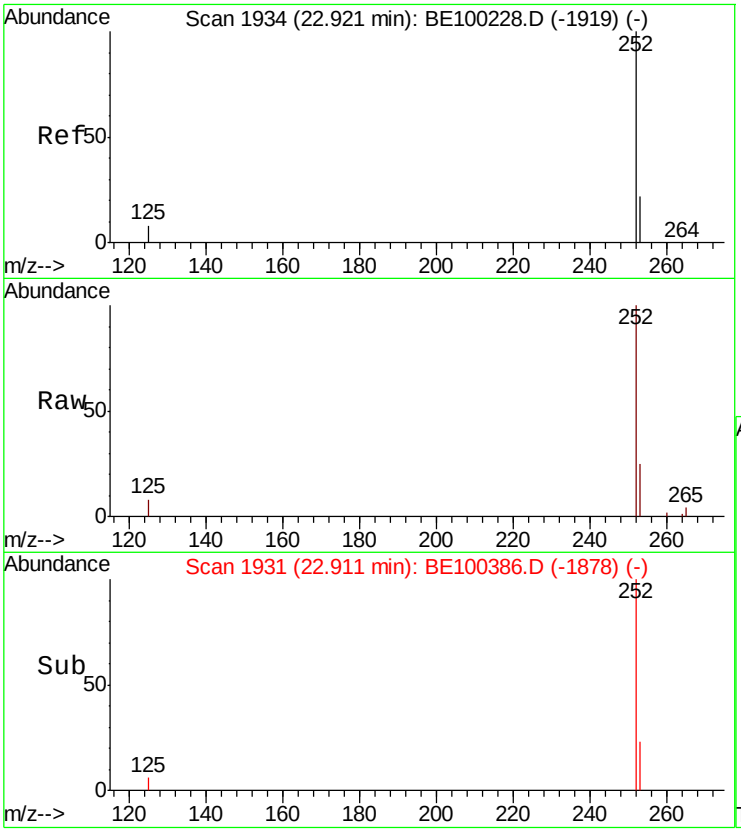


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:264 Resp: 9179

Ion	Ratio	Lower	Upper
264	100		
260	27.7	20.8	31.2
265	32.8	21.8	32.6#



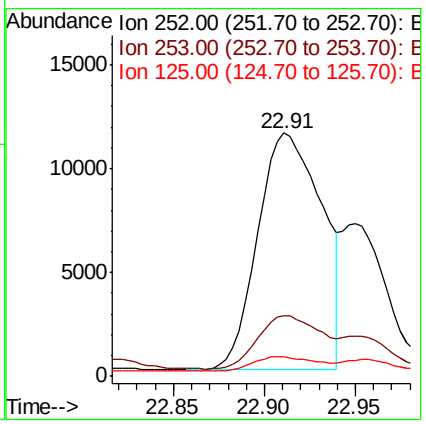


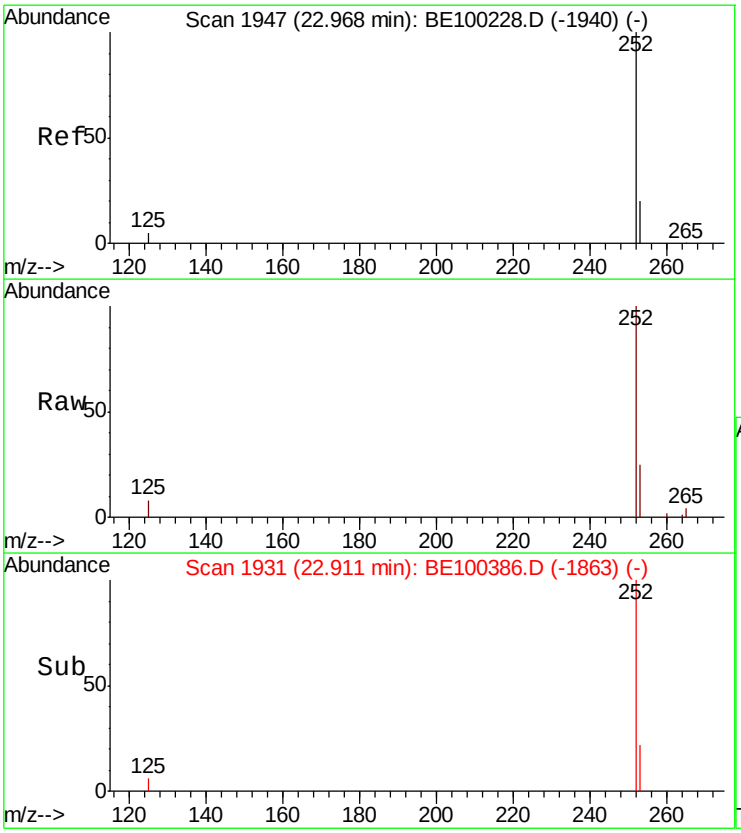
#35
Benzo(b)fluoranthene
Concen: 1.125 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:252 Resp: 27990

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.2	28.8
125	7.9	7.4	11.0

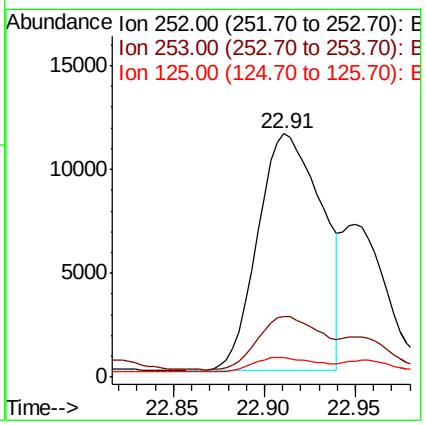


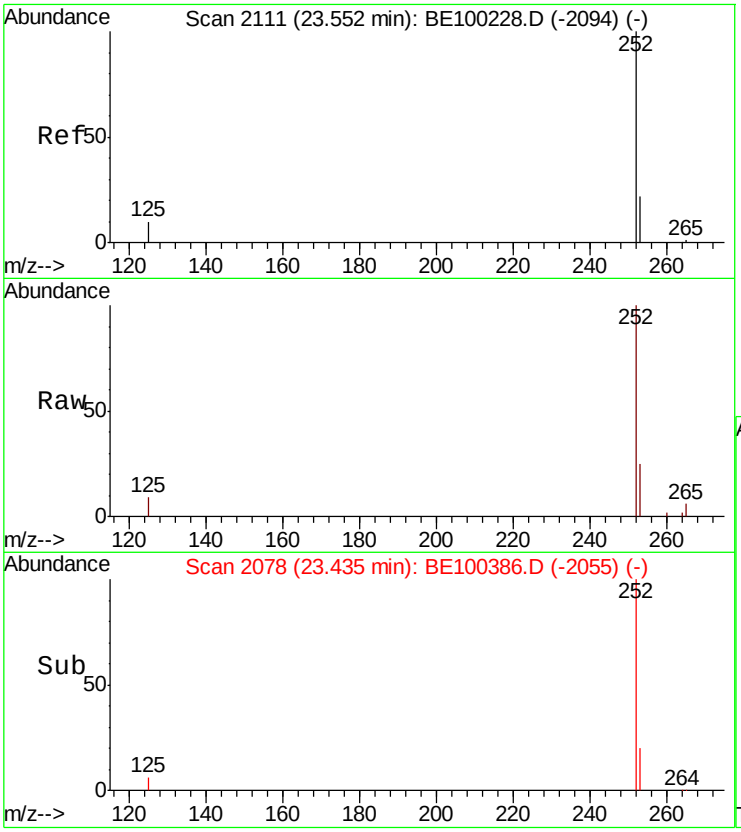


#36
Benzo(k)fluoranthene
Concen: 1.008 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:252 Resp: 27990

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	7.9	5.0	7.4#



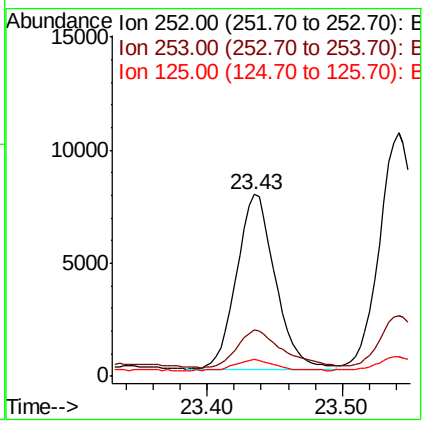


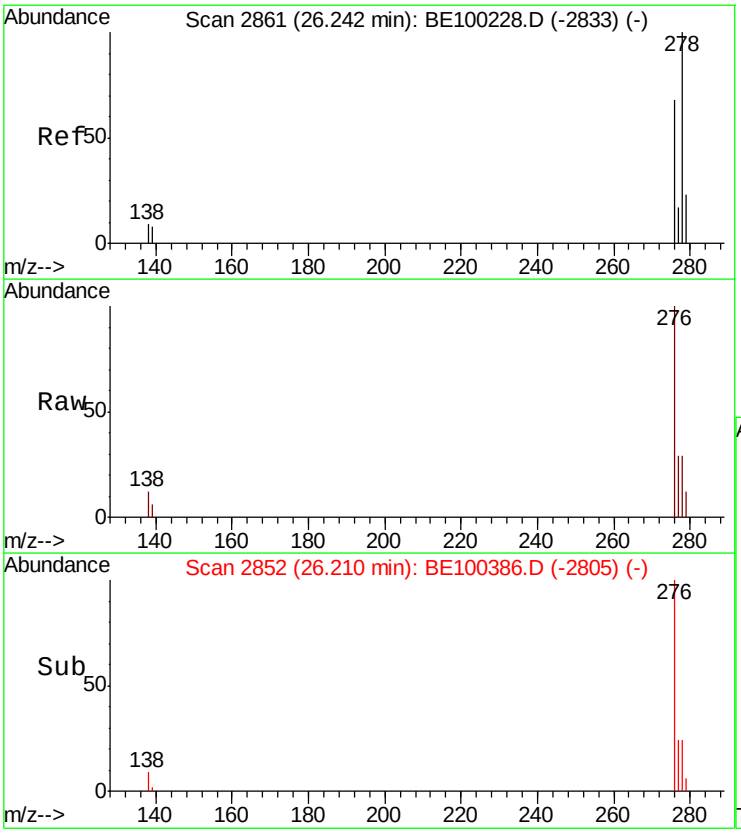
#37
Benzo(a)pyrene
Concen: 0.623 ng
RT: 23.43 min Scan# 2078
Delta R.T. -0.12 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:252 Resp: 15540

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.6	29.4
125	9.1	9.0	13.6

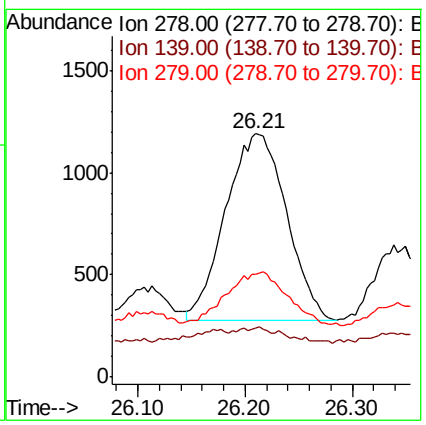


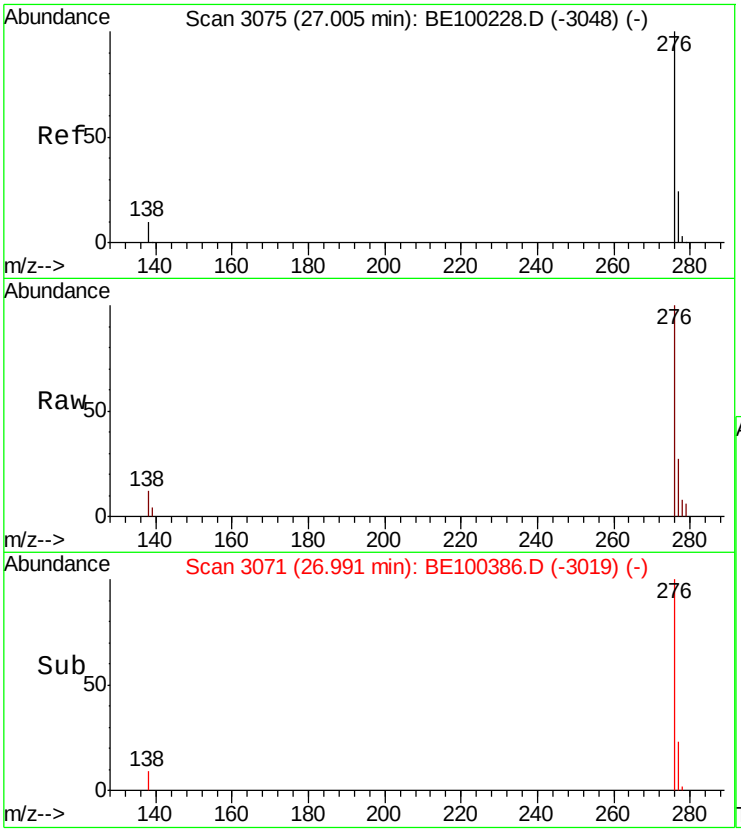


#38
Dibenzo(a,h)anthracene
Concen: 0.138 ng
RT: 26.21 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Tgt Ion:278 Resp: 3586

Ion	Ratio	Lower	Upper
278	100		
139	20.1	8.2	12.2#
279	42.2	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.533 ng
RT: 26.99 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BE100386.D
Acq: 5 Jul 2019 17:58

Instrument :
BNA_N
ClientSampleId :
PST-012-B227-062419

Tgt Ion:276 Resp: 14271

Ion	Ratio	Lower	Upper
276	100		
277	27.2	20.2	30.2
138	12.0	9.0	13.6