Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100377.D
Acq On : 5 Jul 2019 12:33
Operator : JU/SJ
Sample : K3561-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-015-B228-062519

Quant Time: Jul 06 00:11:03 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	7.62	152	566	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	1872	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1556	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5120	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	7536	0.40	ng		-0.01
34) Perylene-d12	23.65	264	8804	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	634	0.44	ng		-0.01
5) Phenol-d6	6.81	99	815	0.43	ng		-0.02
8) Nitrobenzene-d5	8.79	82	627	0.34	ng		-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1296	0.37	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	526	0.48	ng		-0.03
15) 2-Fluorobiphenyl	12.93	172	2184	0.36	ng		-0.01
25) Fluoranthene-d10	19.08	212	24963	0.34	ng		-0.02
29) Terphenyl-d14	19.68	244	5150	0.33	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.44	42	30	0.073	ng	#	1
9) Naphthalene	10.47	128	2122	0.103	ng	#	89
12) 2-Methylnaphthalene	12.11	142	597	0.165	ng		93
16) Acenaphthylene	14.02	152	1213	0.162	ng	#	96
17) Acenaphthene	14.37	154	622	0.147	ng	#	84
18) Fluorene	15.34	166	1459	0.233	ng	#	91
22) Pentachlorophenol	16.72	266	24	0.024	ng	#	73
23) Phenanthrene	17.08	178	51107	4.118	ng		99
24) Anthracene	17.17	178	3708	0.332	ng	#	95
26) Fluoranthene	19.11	202	55287	2.797	ng		98
28) Pyrene	19.47	202	91479	4.585	ng	#	96
30) Benzo(a)anthracene	21.21	228	40435	1.632	ng		98
31) Chrysene	21.27	228	51509	2.070	ng		98
32) Bis(2-ethylhexyl)phthalate	21.14	149	5184	0.090	ng		99
33) Indeno(1,2,3-cd)pyrene	26.20	276	18123	0.551	ng		98
35) Benzo(b)fluoranthene	22.91	252	36842	1.543	ng	#	98
36) Benzo(k)fluoranthene	22.91	252	36842	1.383	ng		98
37) Benzo(a)pyrene	23.54	252	30112	1.259	ng	#	96
38) Dibenzo(a,h)anthracene	26.21	278	5143	0.206	ng	#	84
39) Benzo(g,h,i)perylene	26.98	276	23600	0.919	ng		99

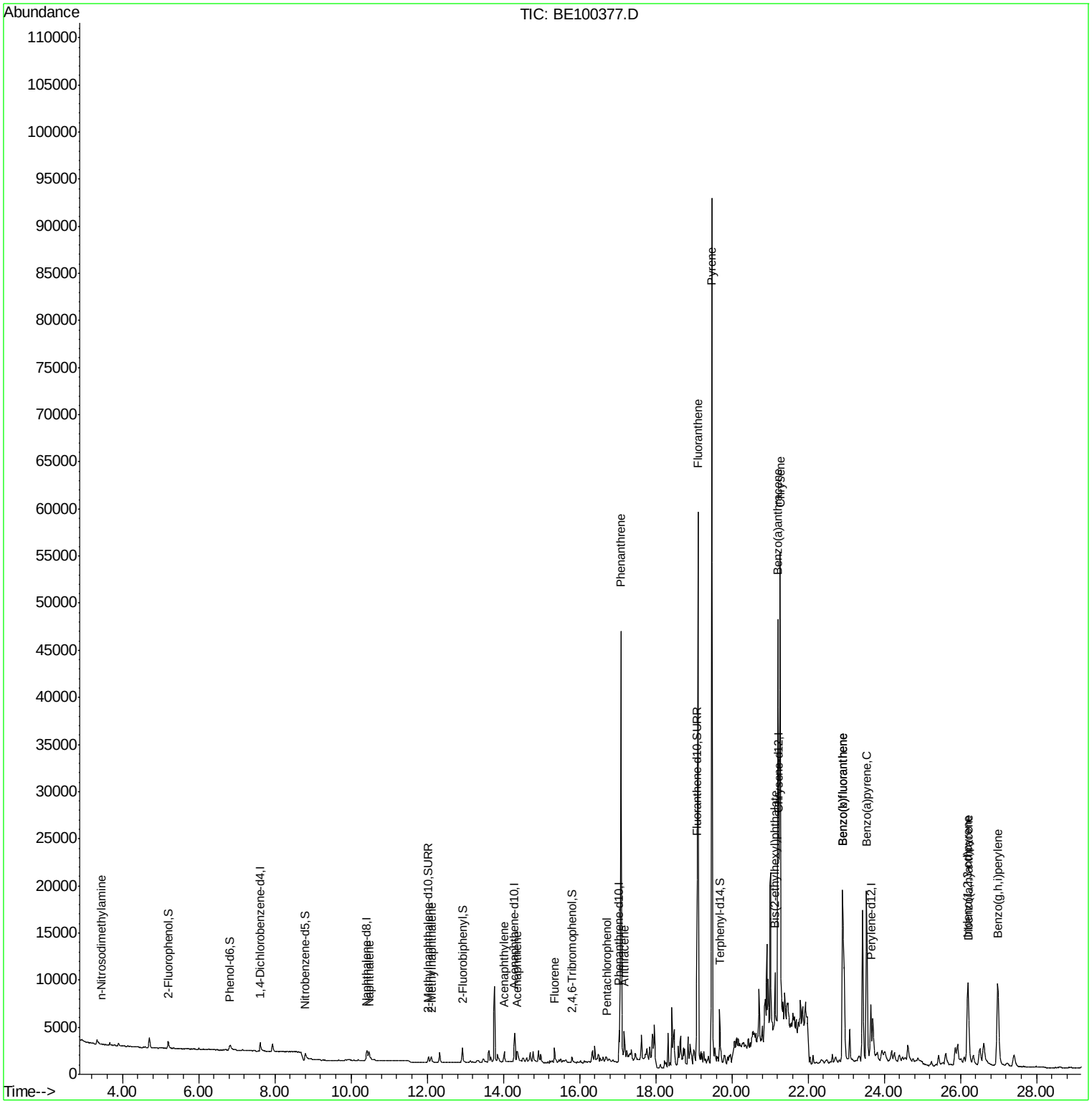
(#) = qualifier out of range (m) = manual integration (+) = signals summed

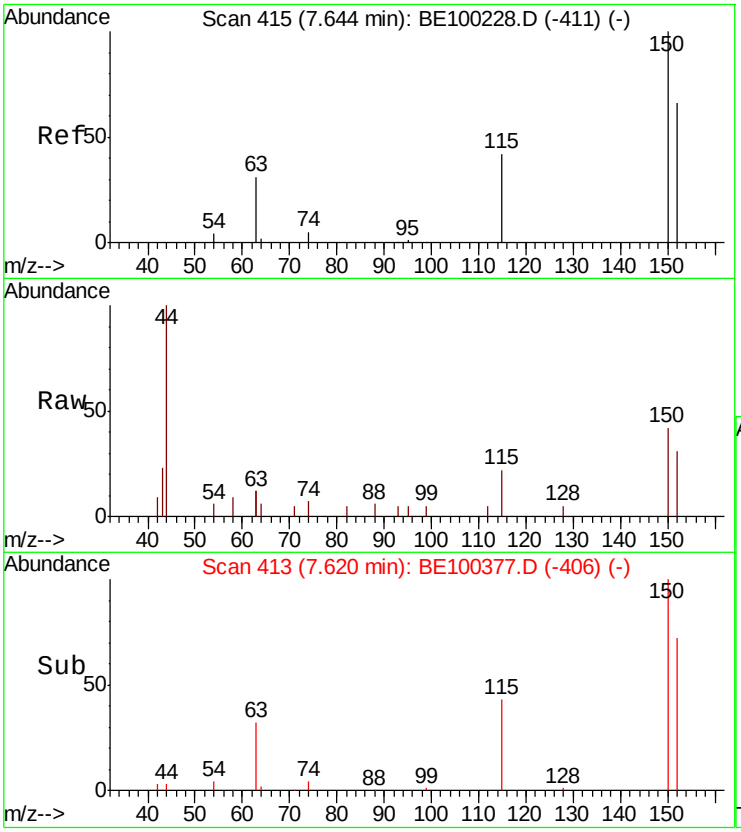
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100377.D
Acq On : 5 Jul 2019 12:33
Operator : JU/SJ
Sample : K3561-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Quant Time: Jul 06 00:11:03 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



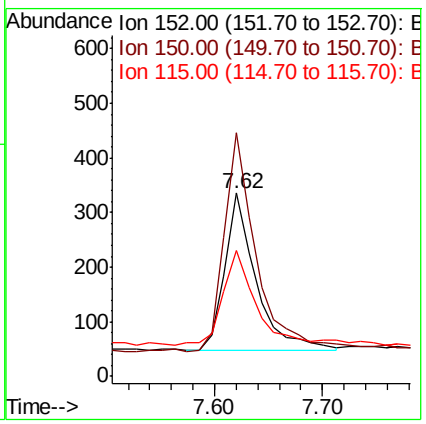


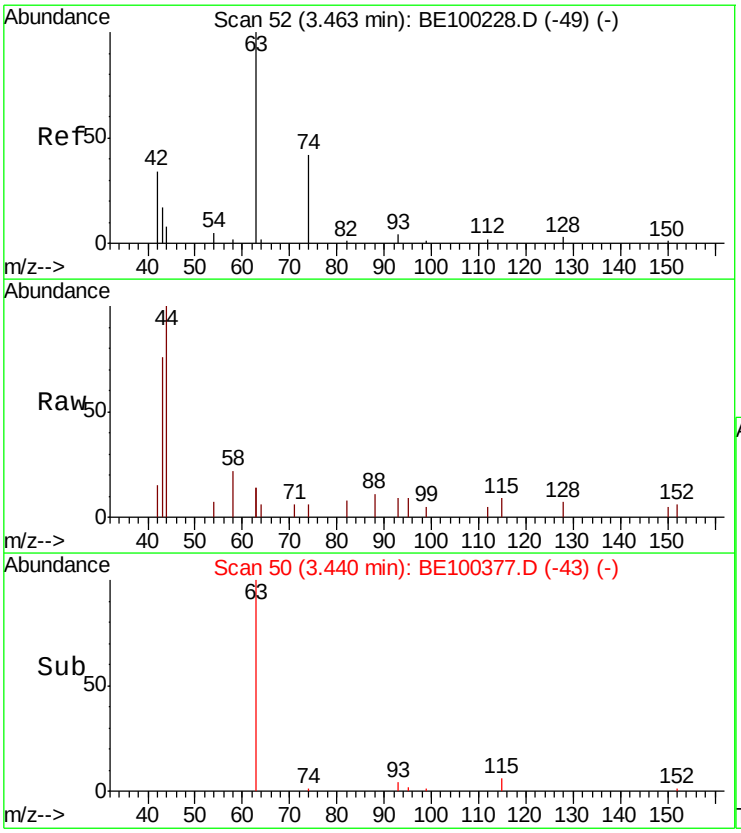
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:152 Resp: 566

Ion	Ratio	Lower	Upper
152	100		
150	133.1	114.5	171.7
115	69.0	57.1	85.7

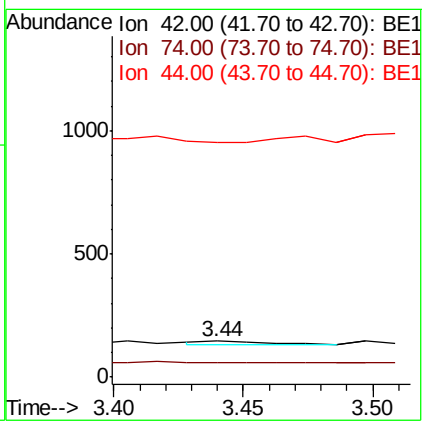


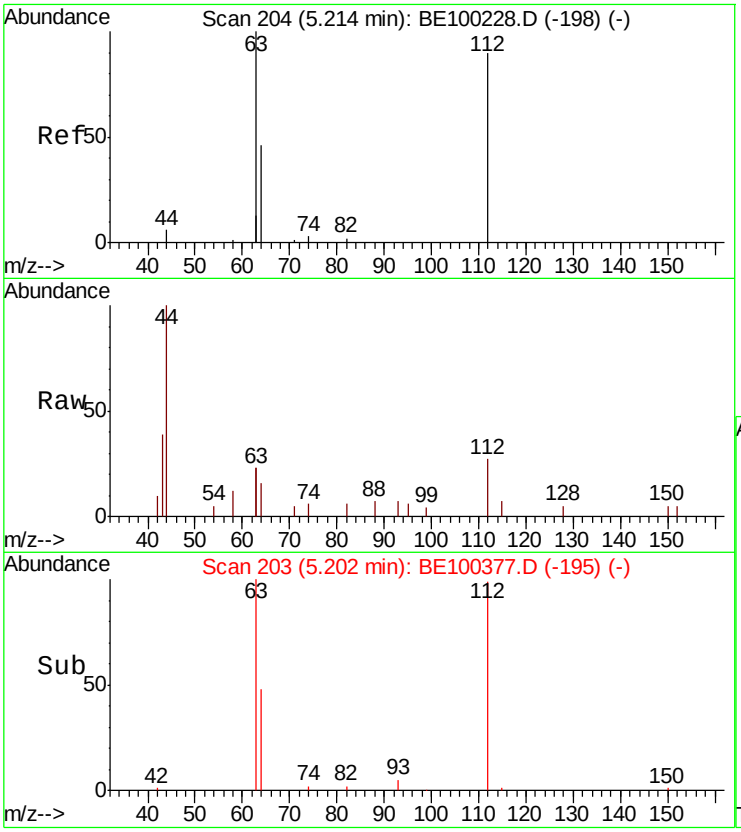


#3
n-Nitrosodimethylamine
Concen: 0.073 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion: 42 Resp: 30

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



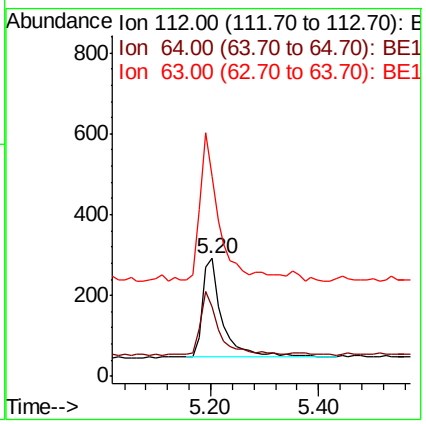


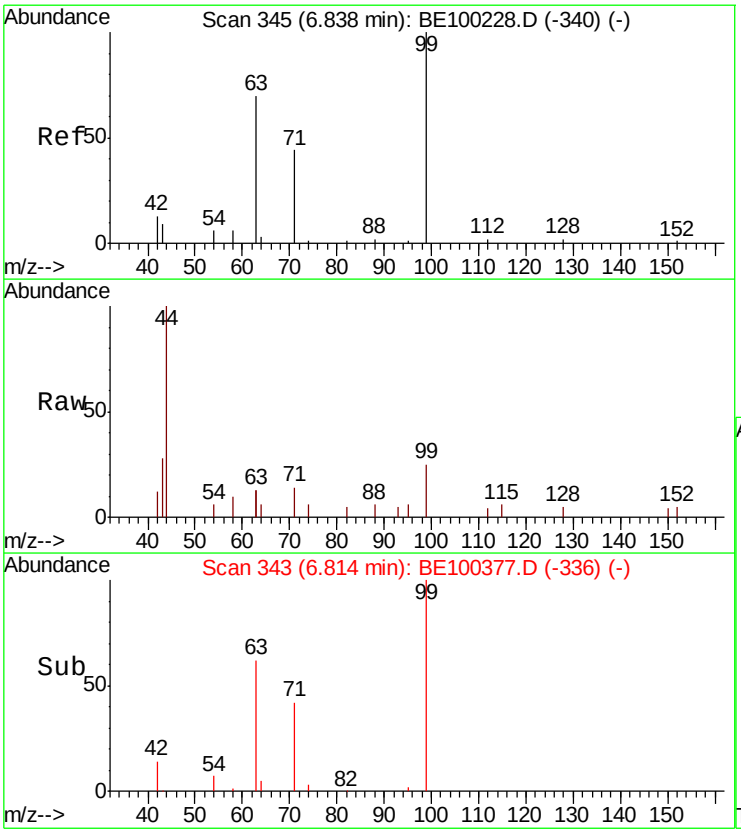
#4
2-Fluorophenol
Concen: 0.439 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:112 Resp: 634

Ion	Ratio	Lower	Upper
112	100		
64	55.7	39.4	59.0
63	131.2	104.5	156.7

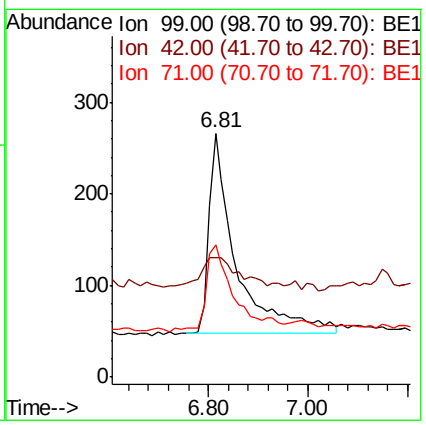


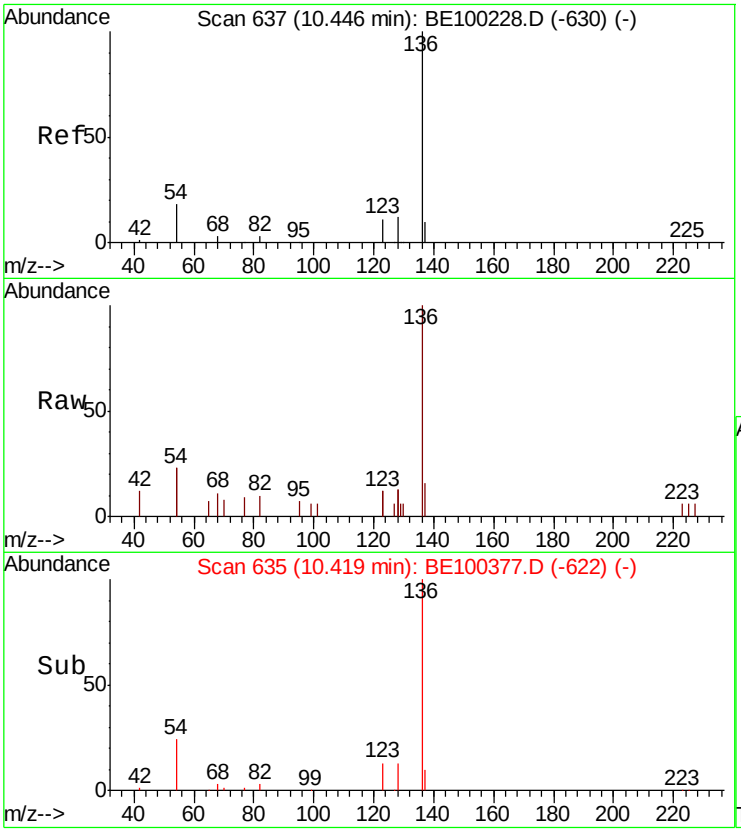


#5
Phenol-d6
Concen: 0.429 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion: 99 Resp: 815

Ion	Ratio	Lower	Upper
99	100		
42	18.7	11.2	16.8#
71	40.4	37.2	55.8



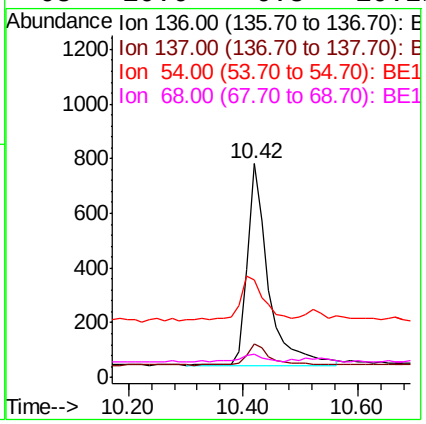


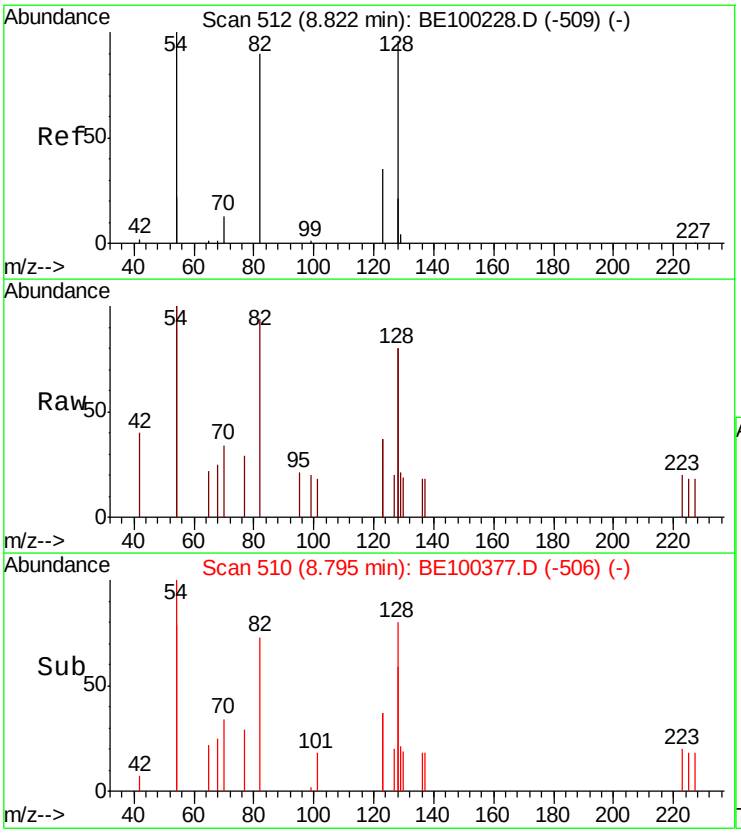
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:136 Resp: 1872

Ion	Ratio	Lower	Upper
136	100		
137	15.9	11.8	17.8
54	45.5	27.7	41.5#
68	10.6	6.8	10.2#

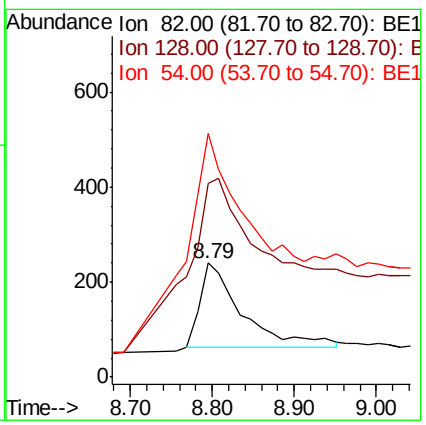


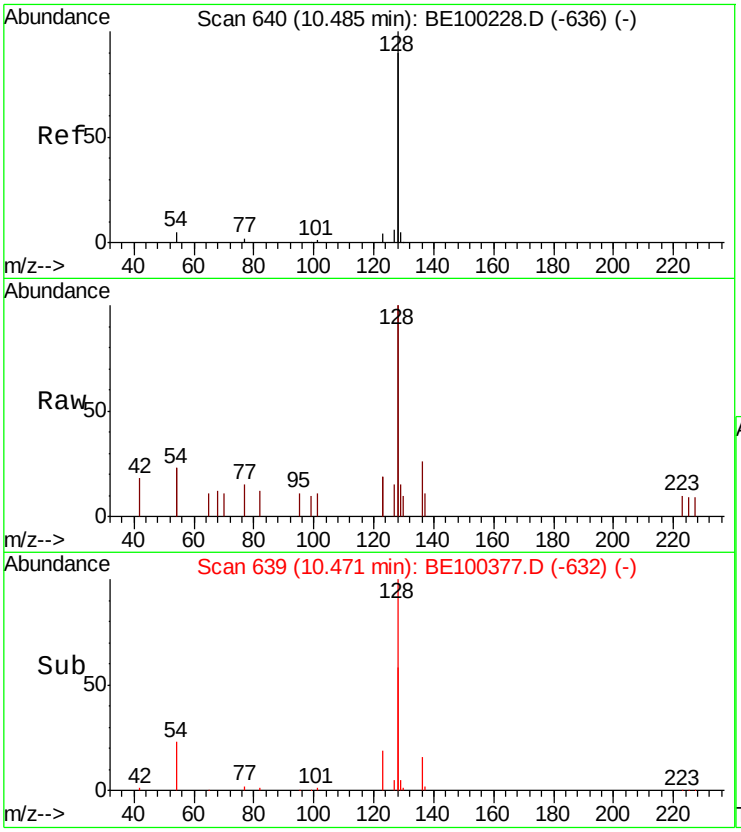


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.79 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion: 82 Resp: 627

Ion	Ratio	Lower	Upper
82	100		
128	170.0	140.9	211.3
54	213.3	146.2	219.2



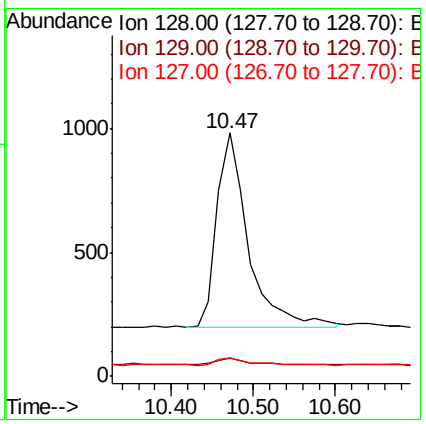


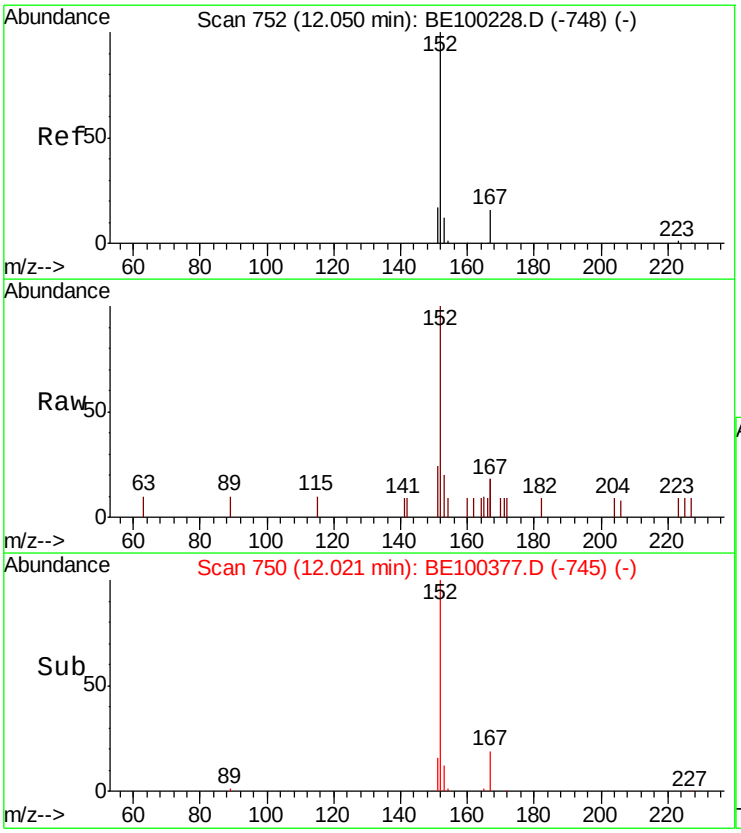
#9
Naphthalene
Concen: 0.103 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:128 Resp: 2122

Ion	Ratio	Lower	Upper
128	100		
129	7.7	3.0	4.6#
127	7.5	3.5	5.3#

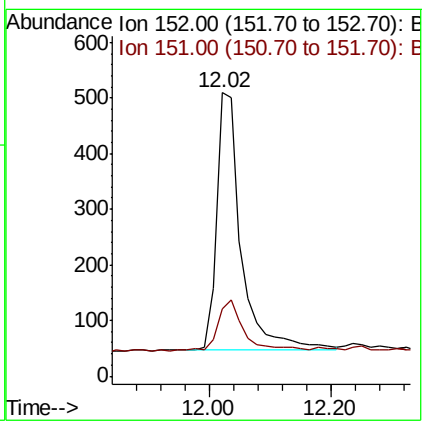


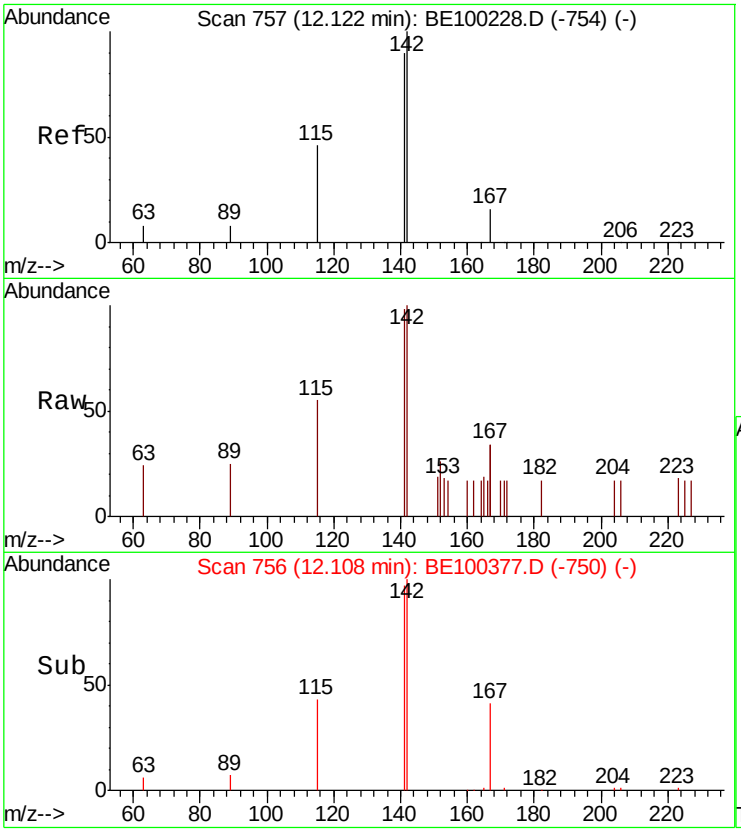


#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:152 Resp: 1296

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7



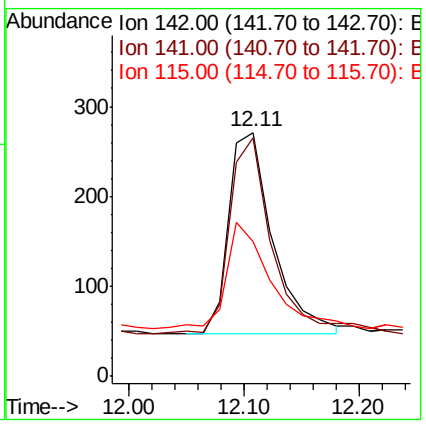


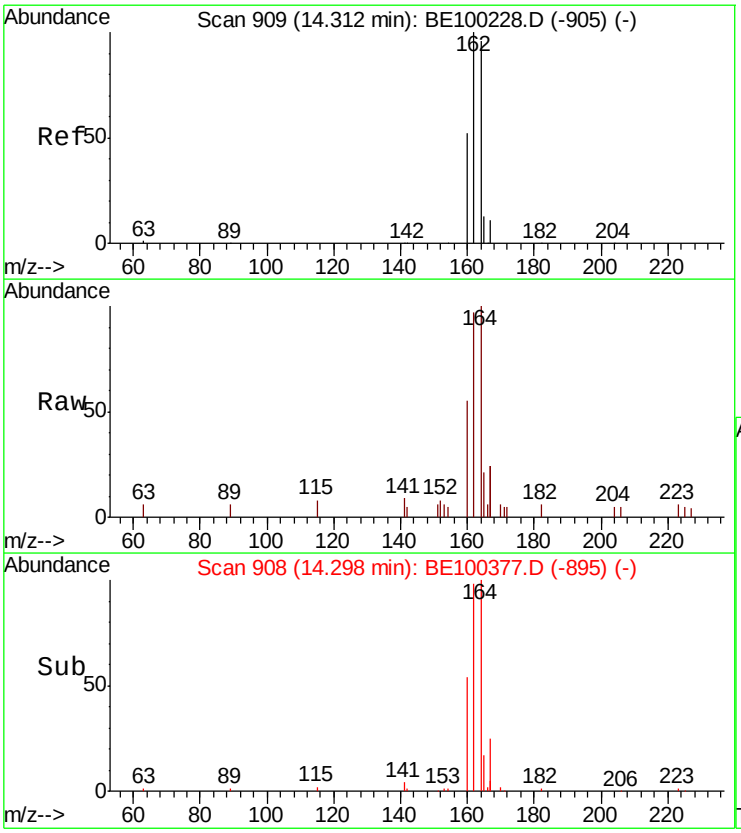
#12
2-Methylnaphthalene
Concen: 0.165 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:142 Resp: 597

Ion	Ratio	Lower	Upper
142	100		
141	97.8	72.4	108.6
115	55.4	40.4	60.6

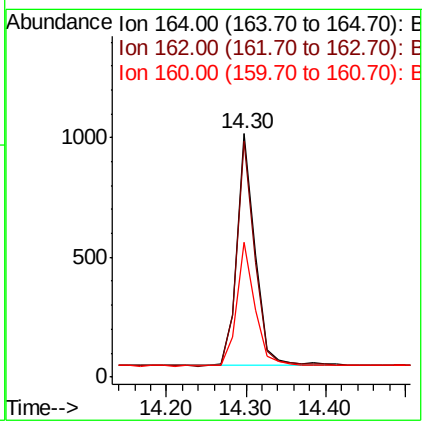


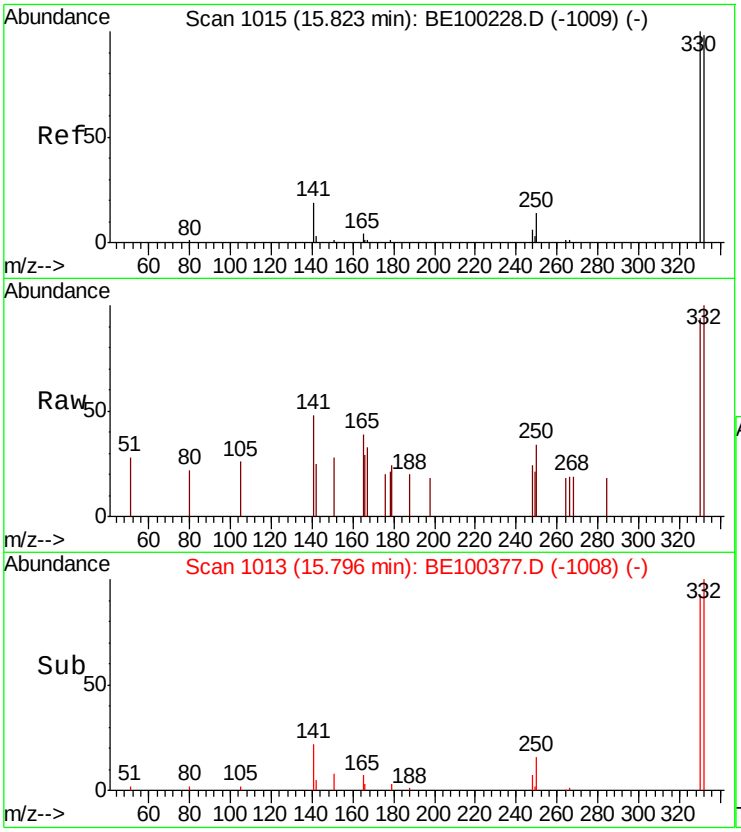


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:164 Resp: 1556

Ion	Ratio	Lower	Upper
164	100		
162	97.1	83.4	125.0
160	55.5	45.0	67.6



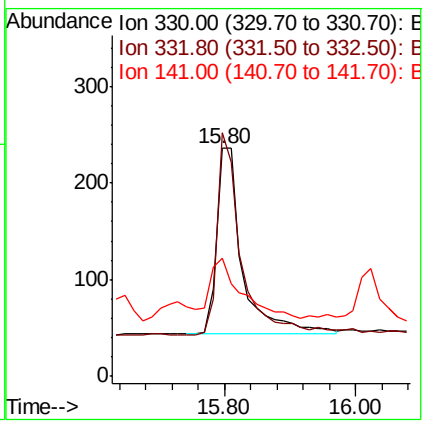


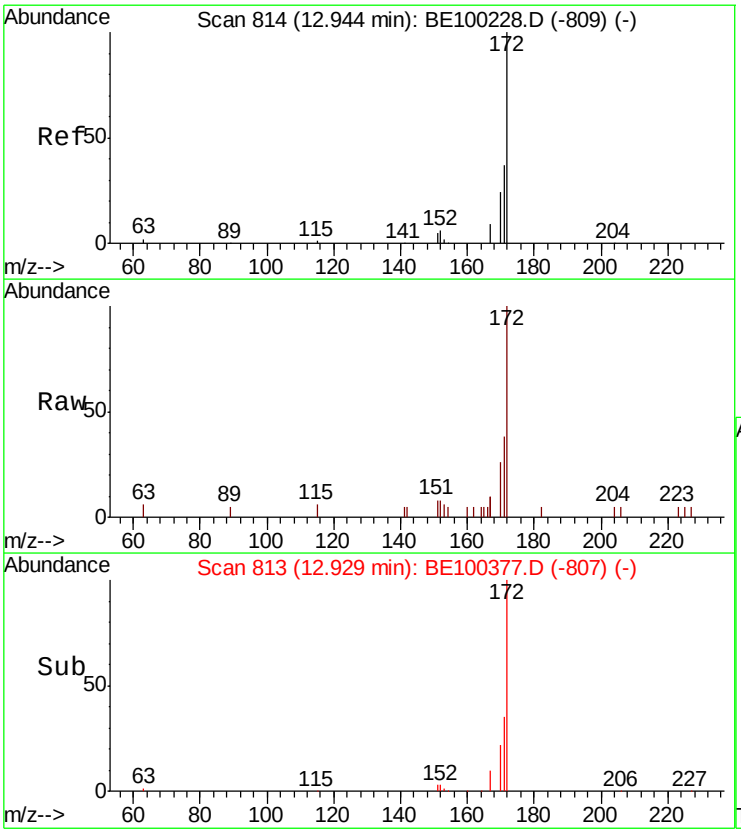
#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:330 Resp: 526

Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.0	115.4
141	38.2	22.0	33.0#

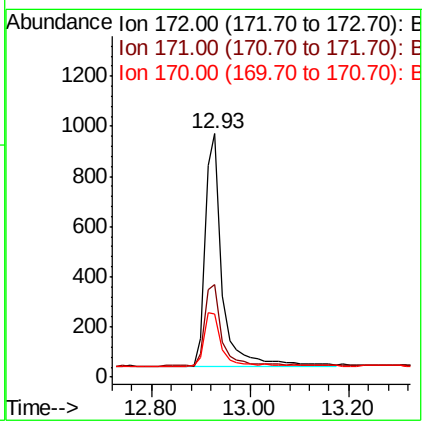


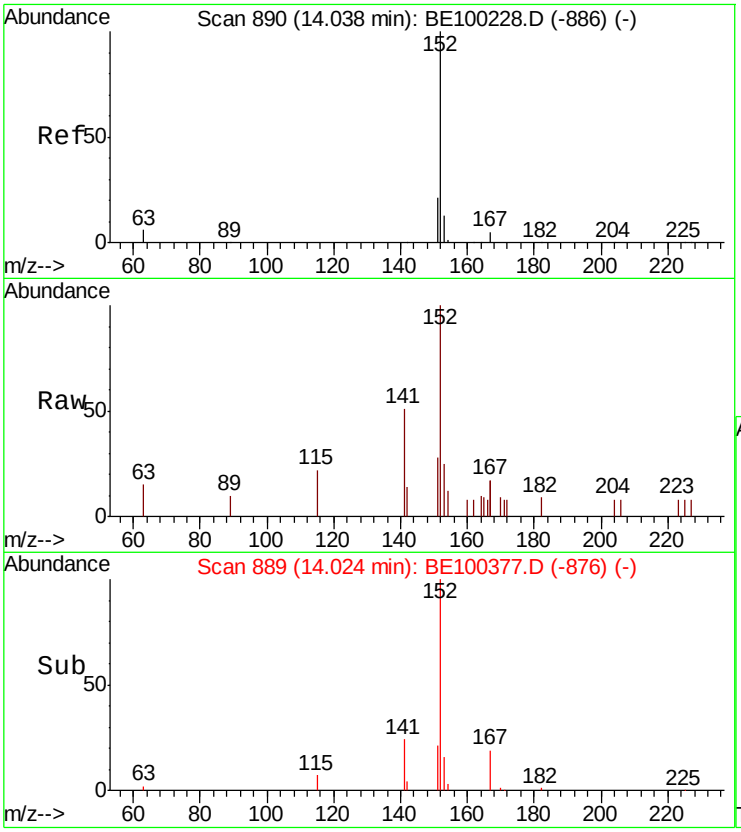


#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:172 Resp: 2184

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.9	47.9
170	26.0	22.2	33.2



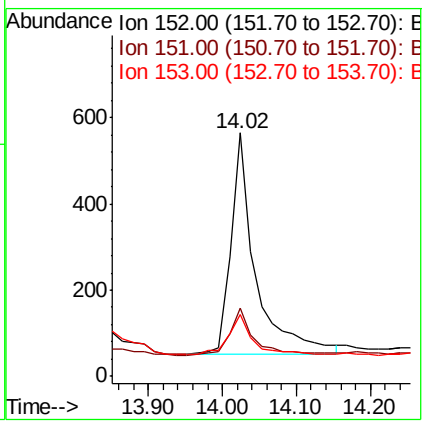


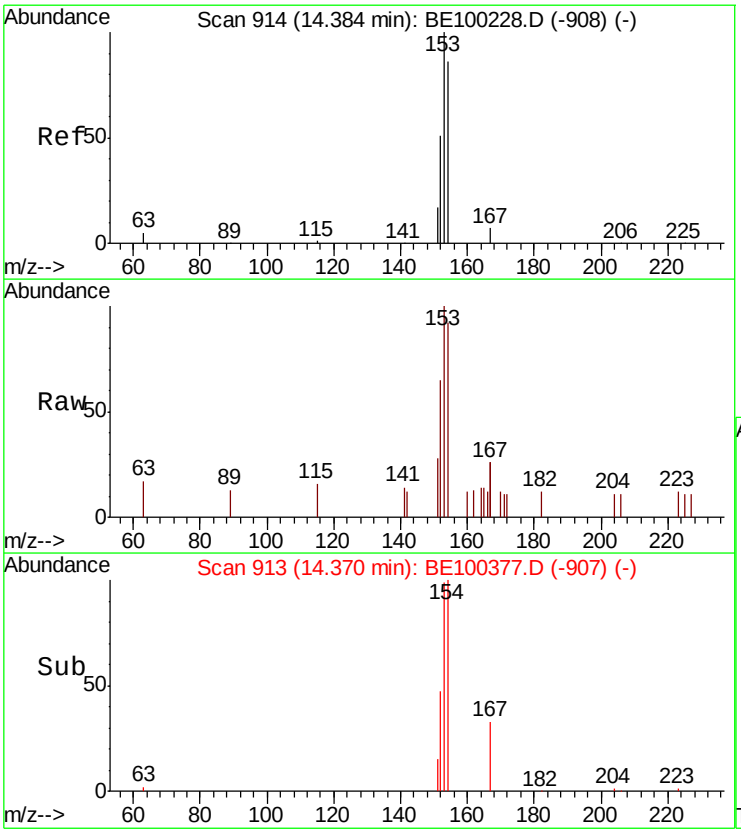
#16
Acenaphthylene
Concen: 0.162 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:152 Resp: 1213

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	17.3	10.5	15.7#

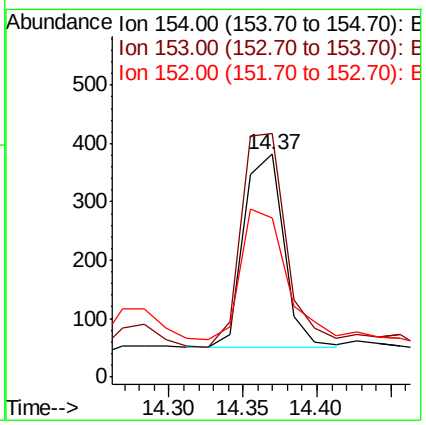


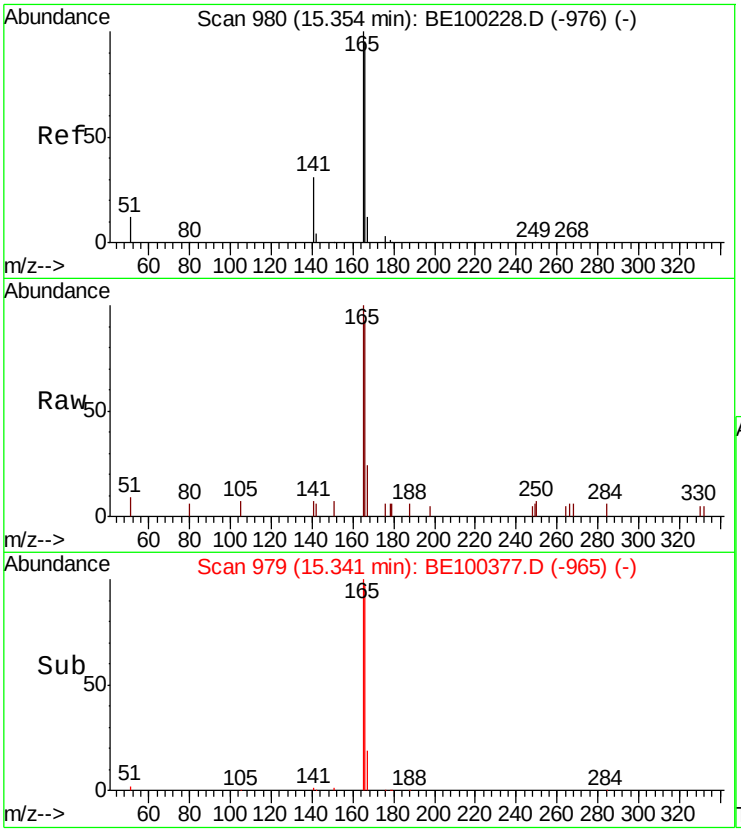


#17
Acenaphthene
Concen: 0.147 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:154 Resp: 622

Ion	Ratio	Lower	Upper
154	100		
153	130.1	93.4	140.2
152	80.4	49.4	74.2#



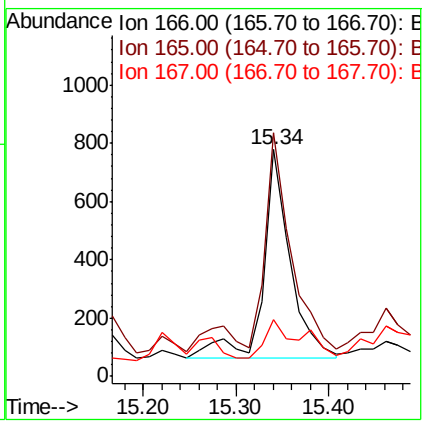


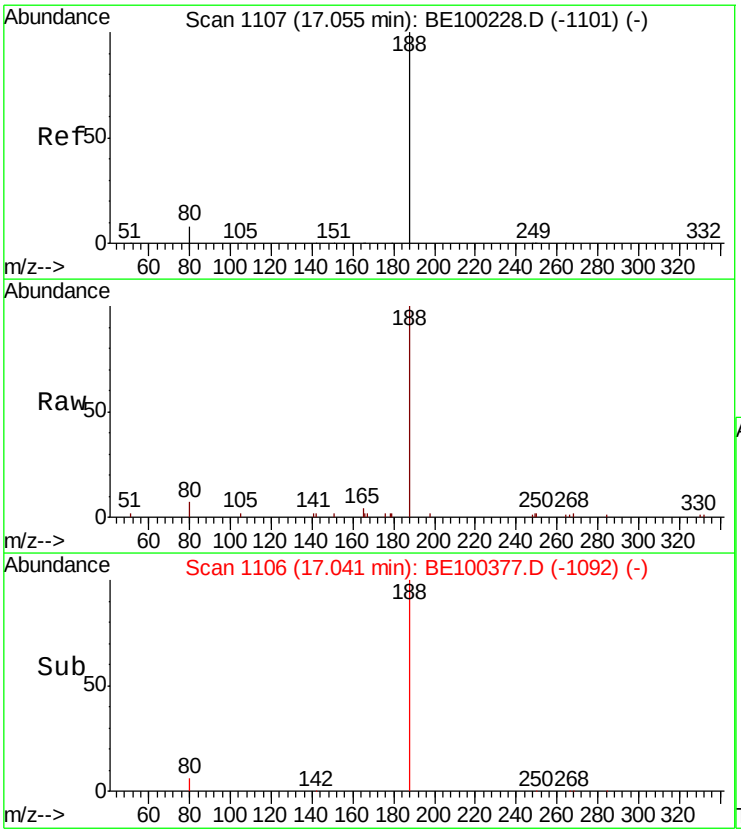
#18
Fluorene
Concen: 0.233 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:166 Resp: 1459

Ion	Ratio	Lower	Upper
166	100		
165	94.5	81.1	121.7
167	25.1	10.7	16.1#

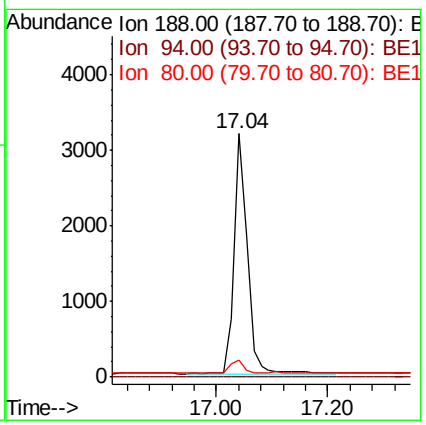


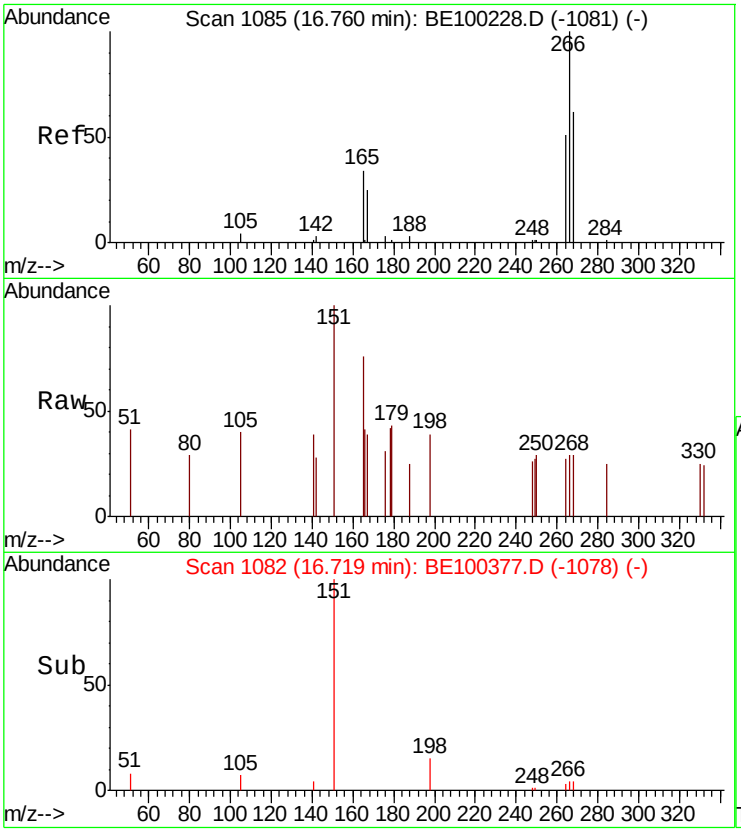


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:188 Resp: 5120

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	7.6	11.4#



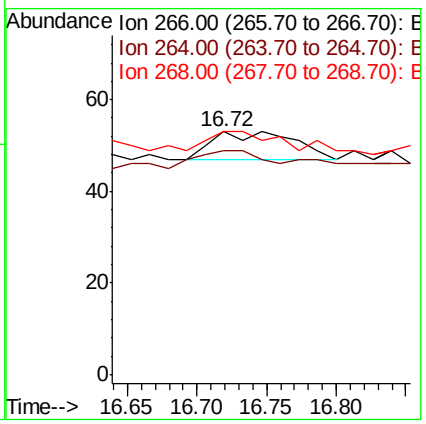


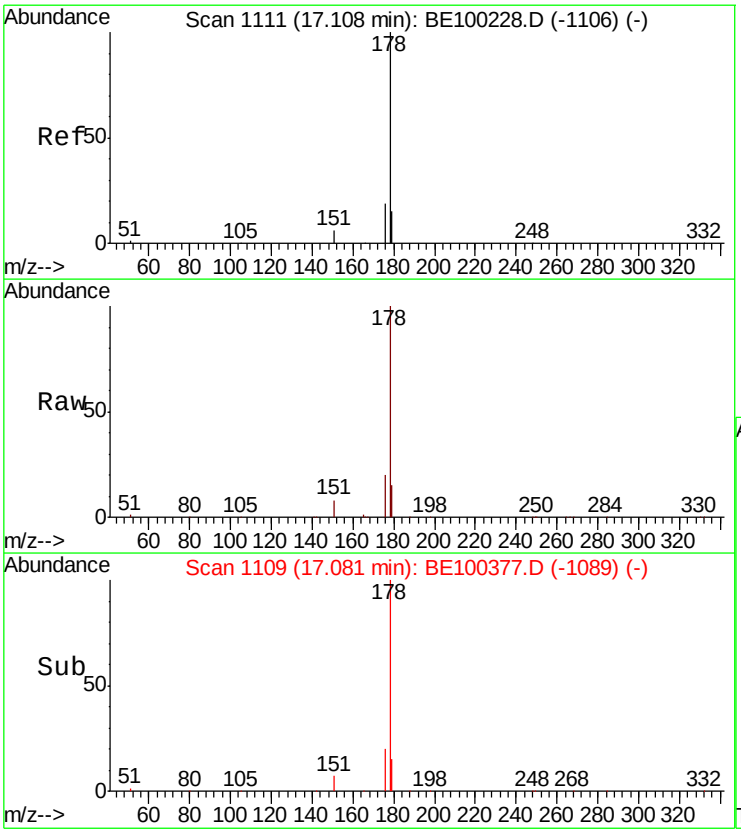
#22
Pentachlorophenol
Concen: 0.024 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:266 Resp: 24

Ion	Ratio	Lower	Upper
266	100		
264	92.5	56.2	84.2#
268	100.0	61.8	92.6#

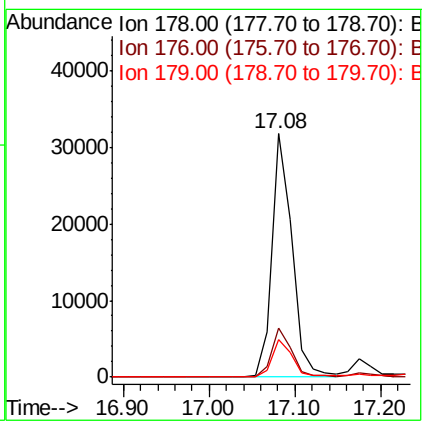


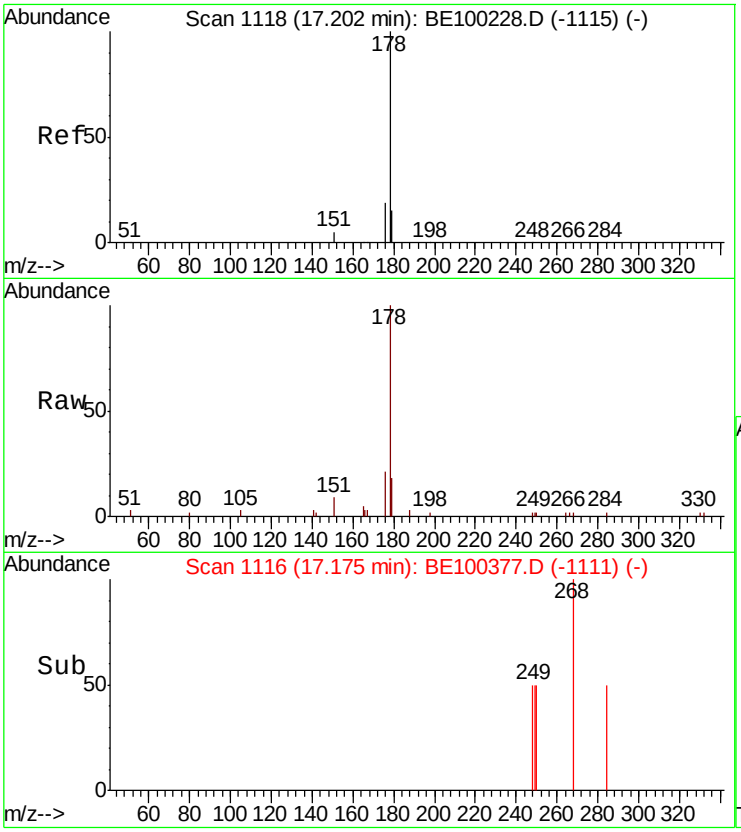


#23
Phenanthrene
Concen: 4.118 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:178 Resp: 51107

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.7	12.2	18.2



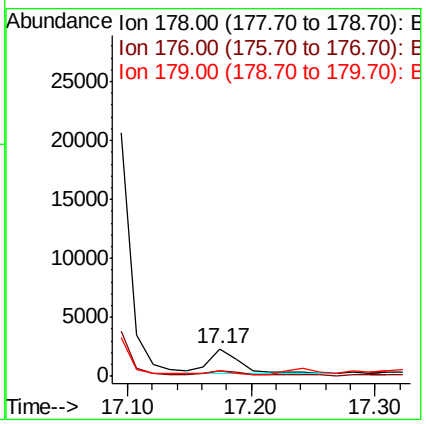


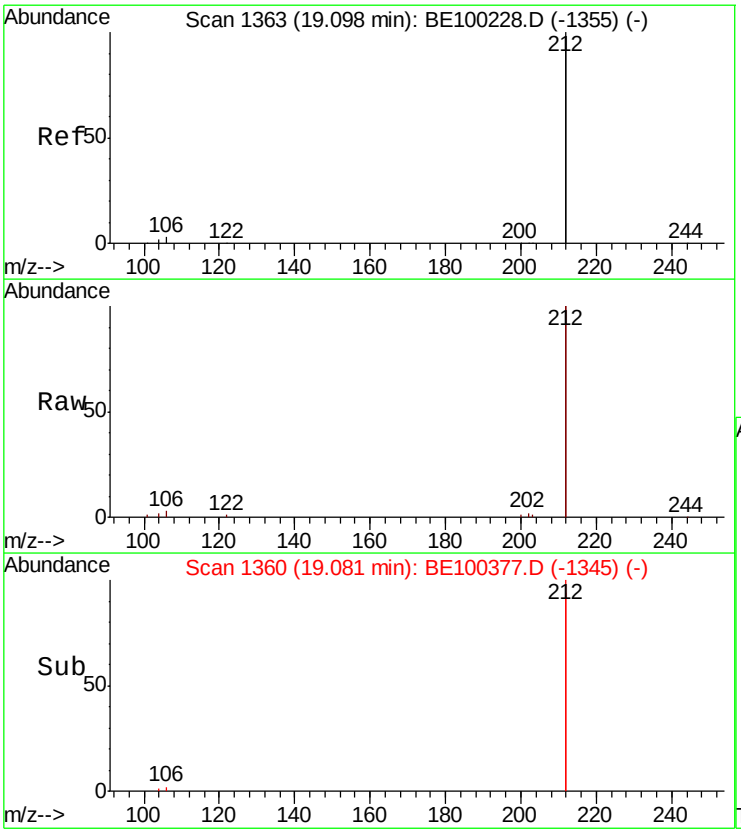
#24
Anthracene
Concen: 0.332 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:178 Resp: 3708

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	10.8	12.2	18.2#

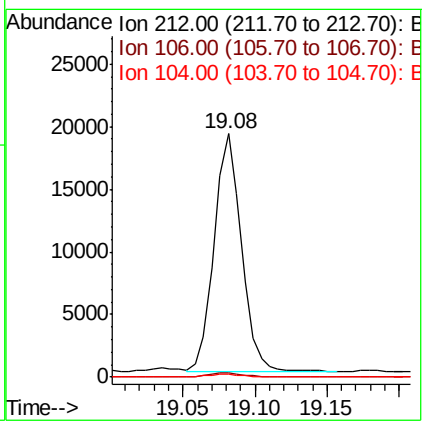


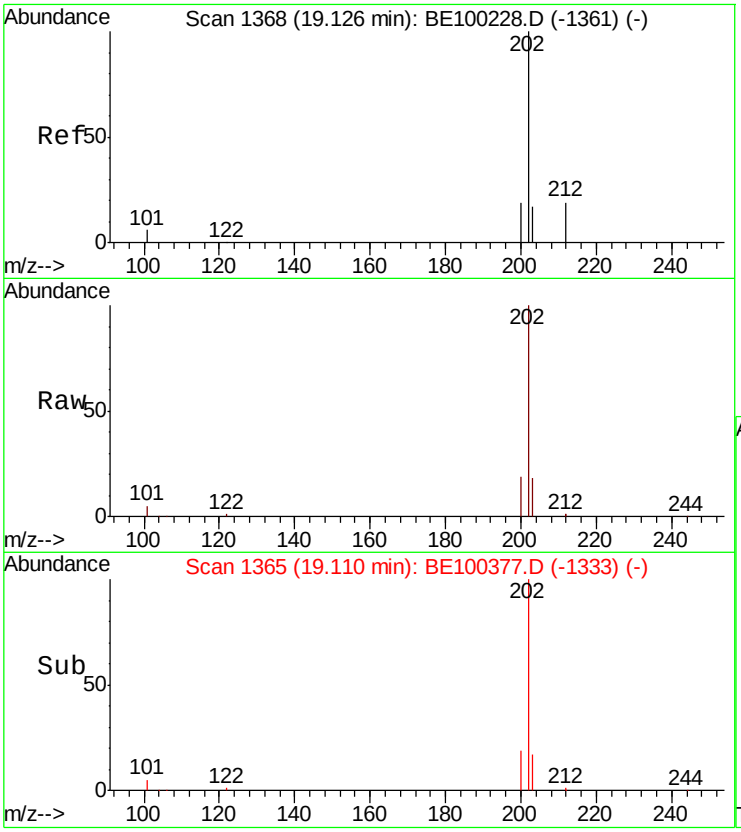


#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:212 Resp: 24963

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



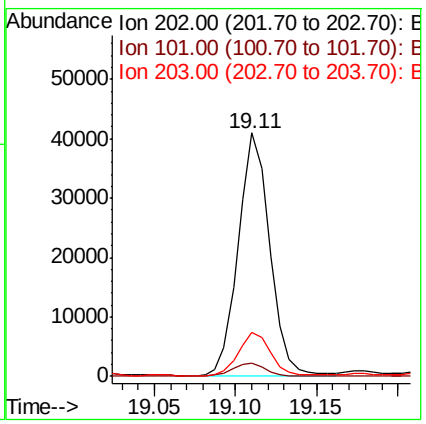


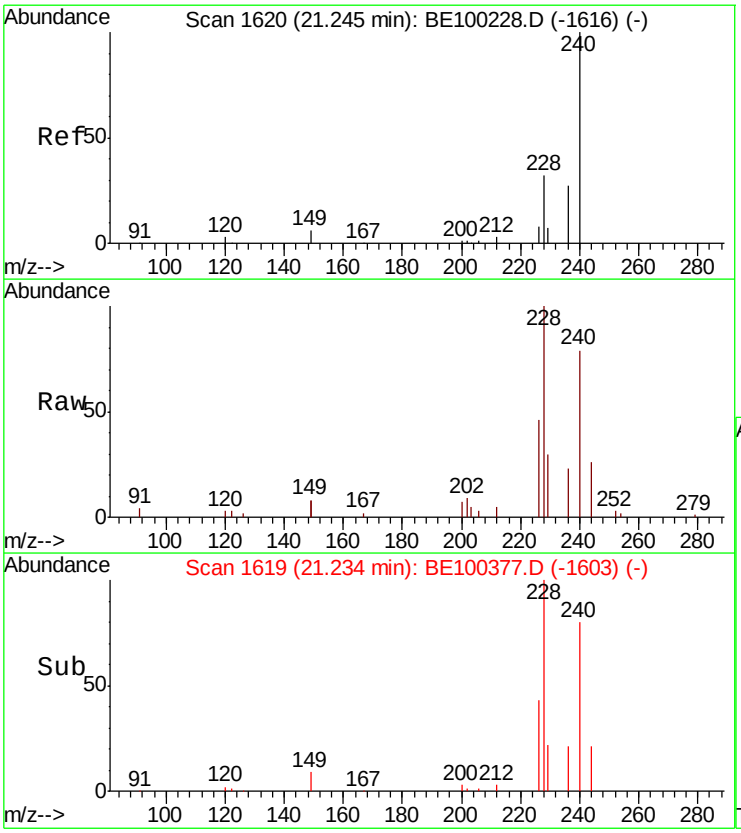
#26
Fluoranthene
Concen: 2.797 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:202 Resp: 55287

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.6	7.0
203	17.9	13.7	20.5

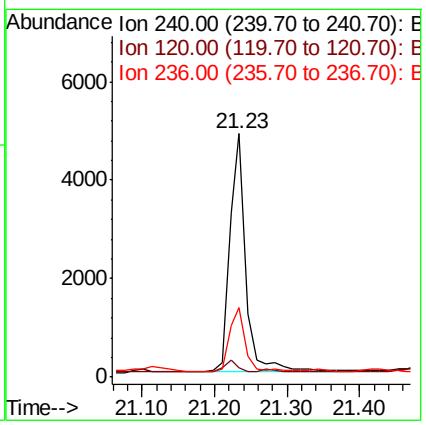


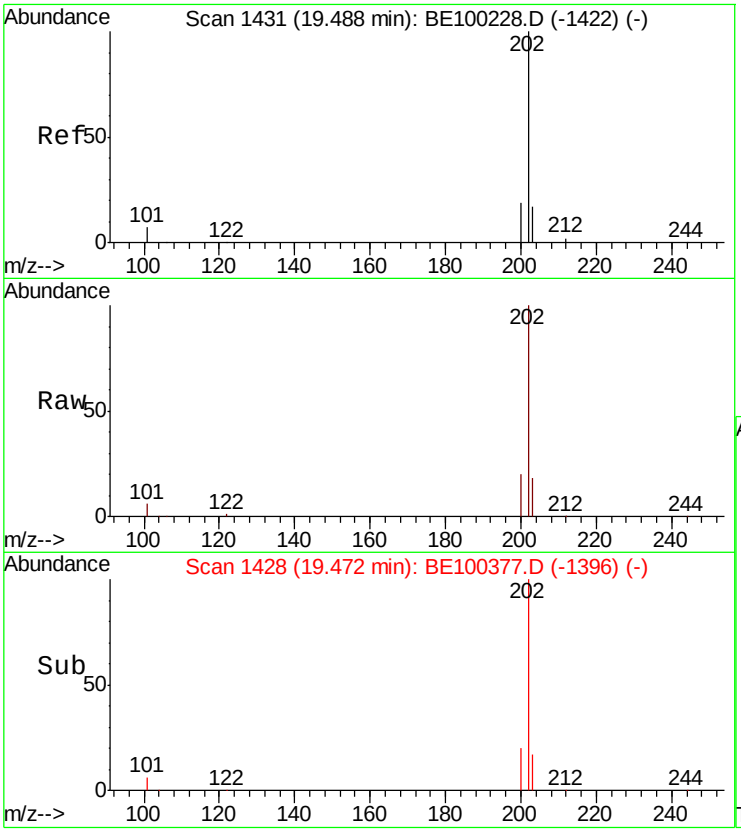


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:240 Resp: 7536

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.3	4.9
236	28.7	22.6	34.0



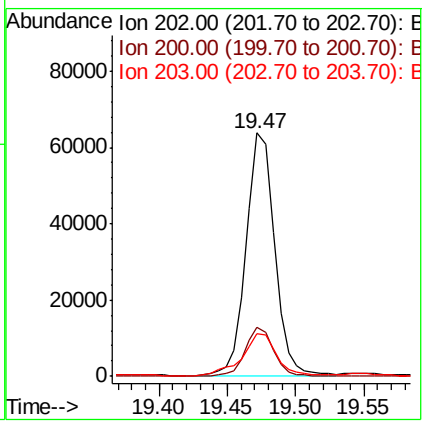


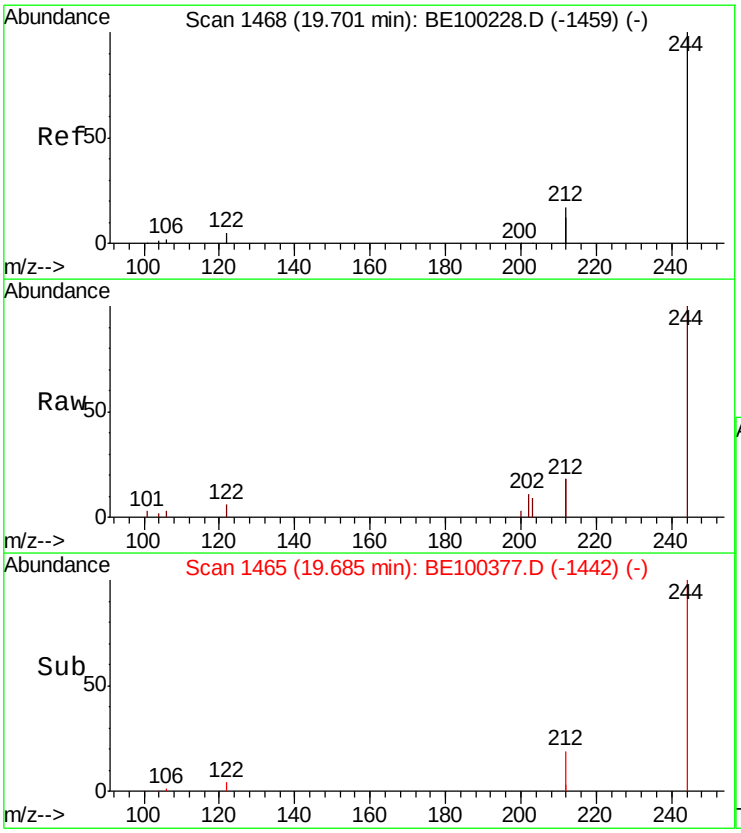
#28
Pyrene
Concen: 4.585 ng
RT: 19.47 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:202 Resp: 91479

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

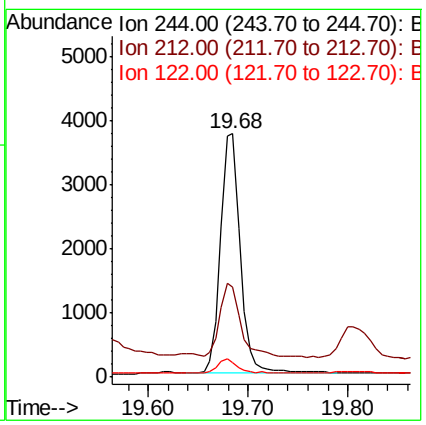


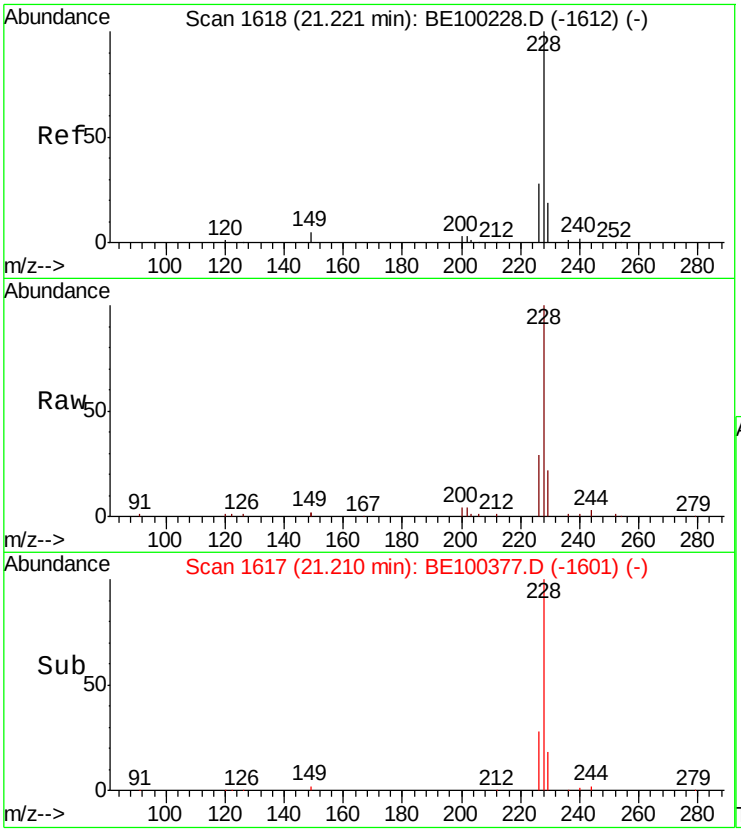


#29
Terphenyl-d14
Concen: 0.330 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:244 Resp: 5150

Ion	Ratio	Lower	Upper
244	100		
212	36.9	27.3	40.9
122	5.9	4.7	7.1



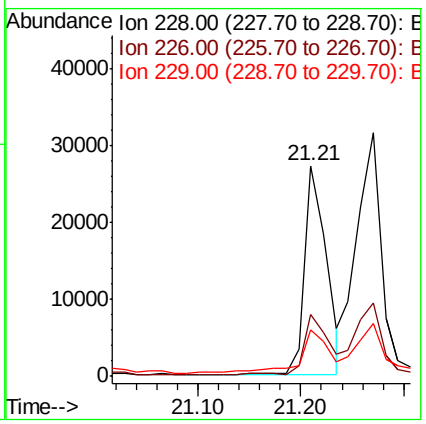


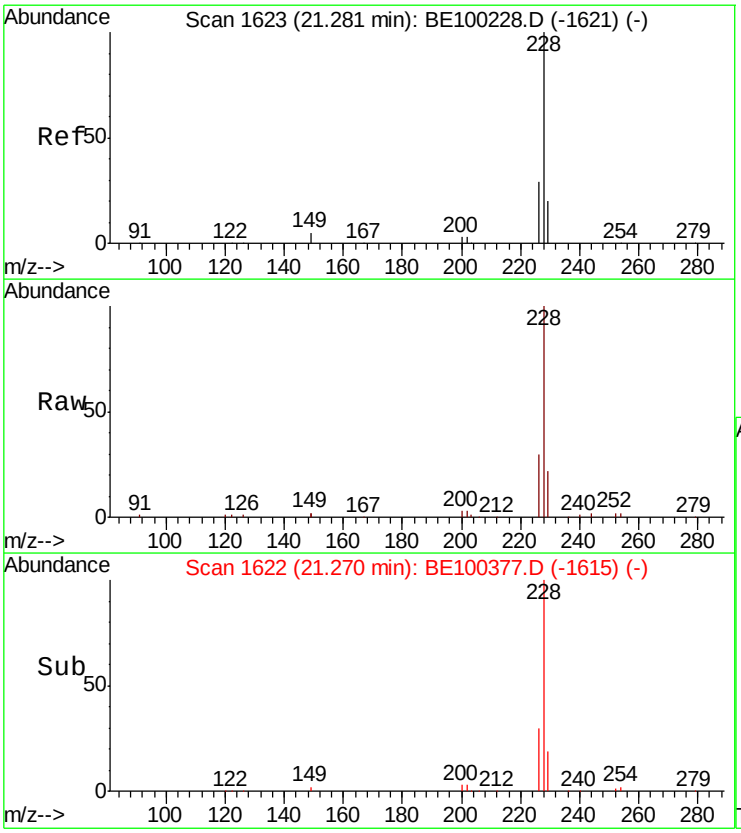
#30
Benzo(a)anthracene
Concen: 1.632 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:228 Resp: 40435

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	22.0	15.7	23.5

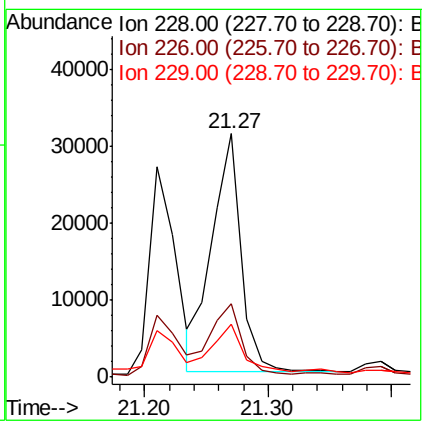


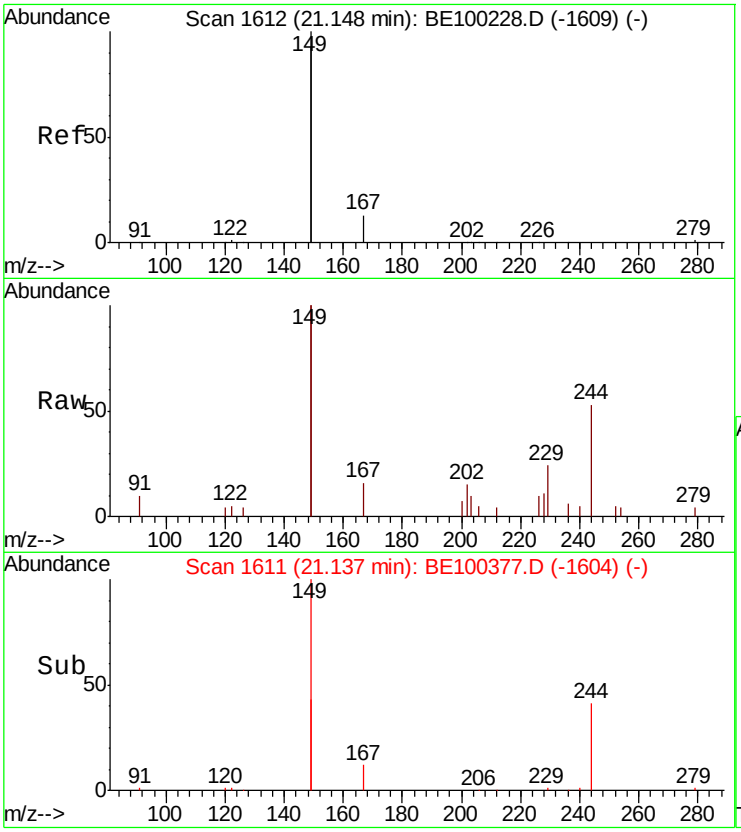


#31
Chrysene
Concen: 2.070 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:228 Resp: 51509

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	21.8	16.5	24.7



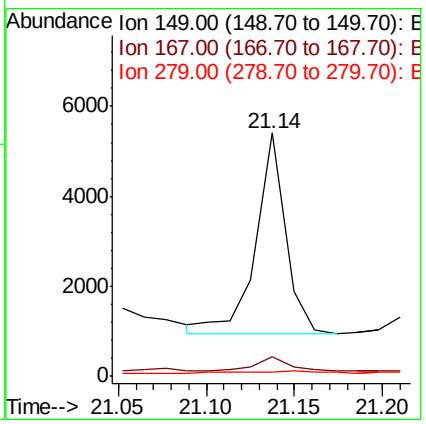


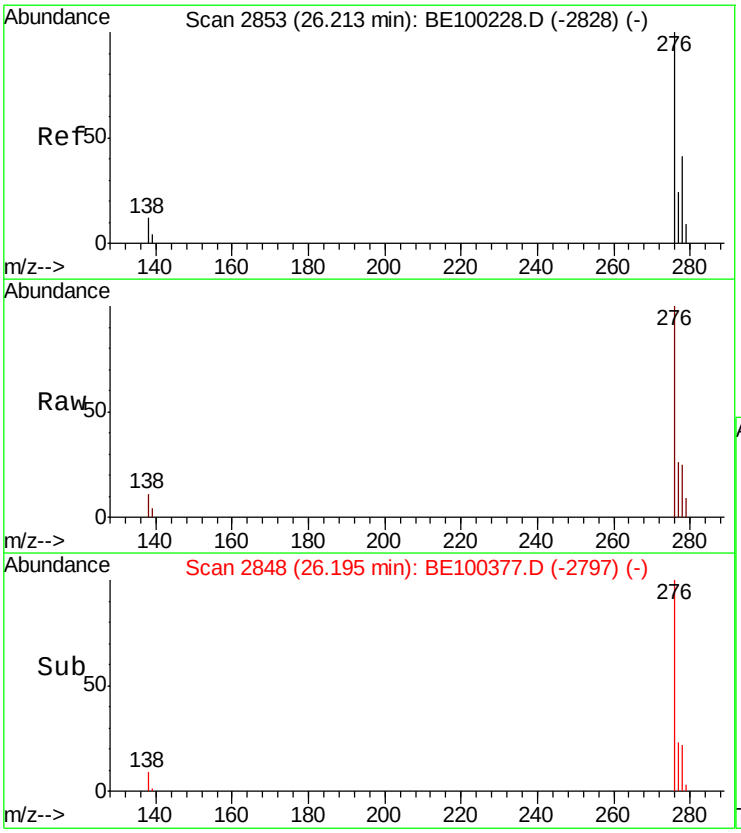
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.090 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:149 Resp: 5184

Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.8	8.8
279	1.6	1.1	1.7

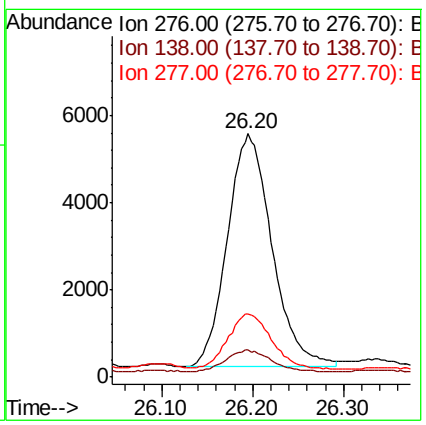


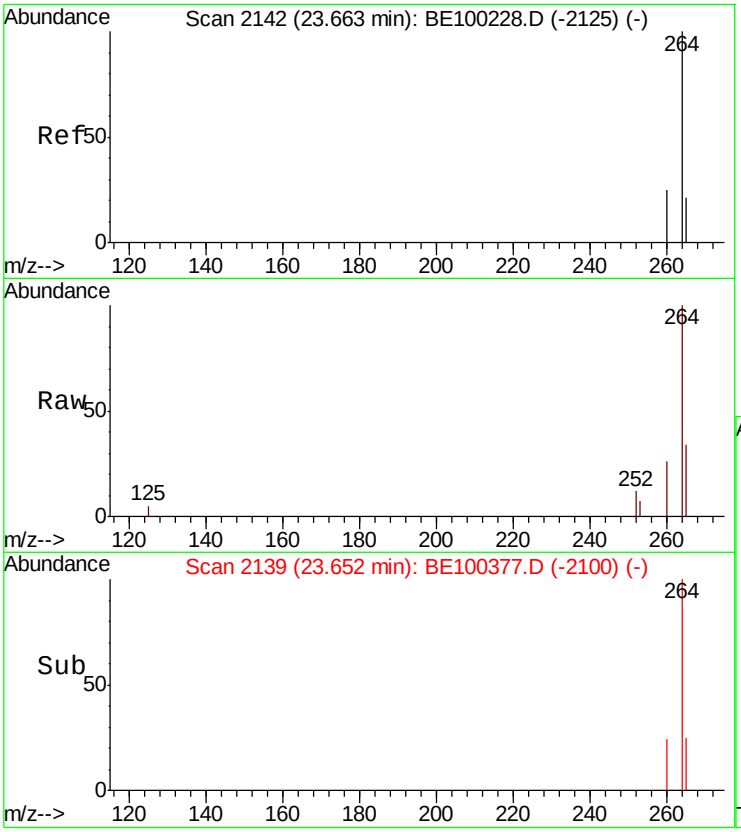


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.551 ng
RT: 26.20 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:276 Resp: 18123

Ion	Ratio	Lower	Upper
276	100		
138	9.6	9.4	14.0
277	23.7	19.2	28.8



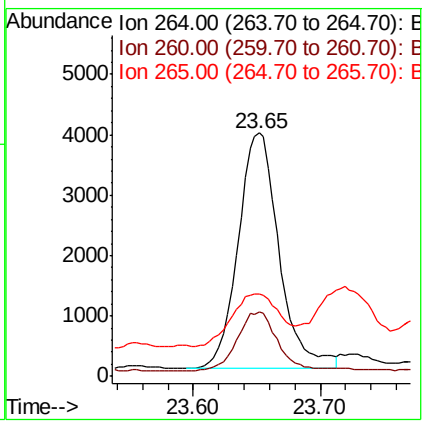


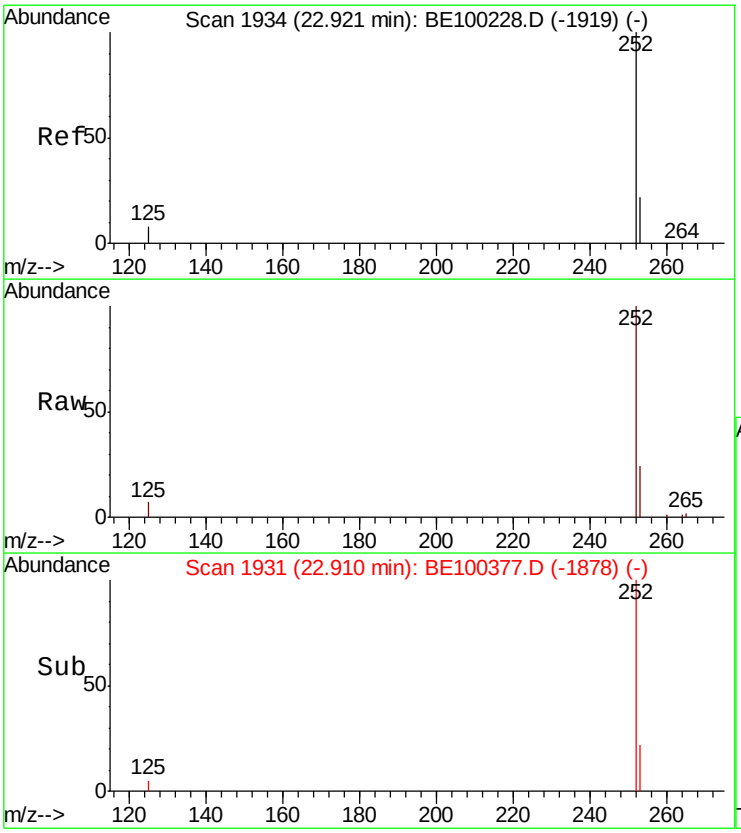
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:264 Resp: 8804

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.8	31.2
265	33.6	21.8	32.6#

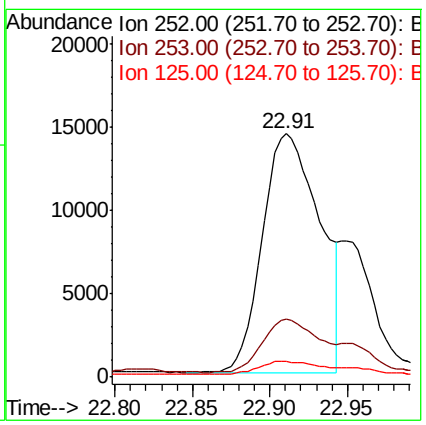


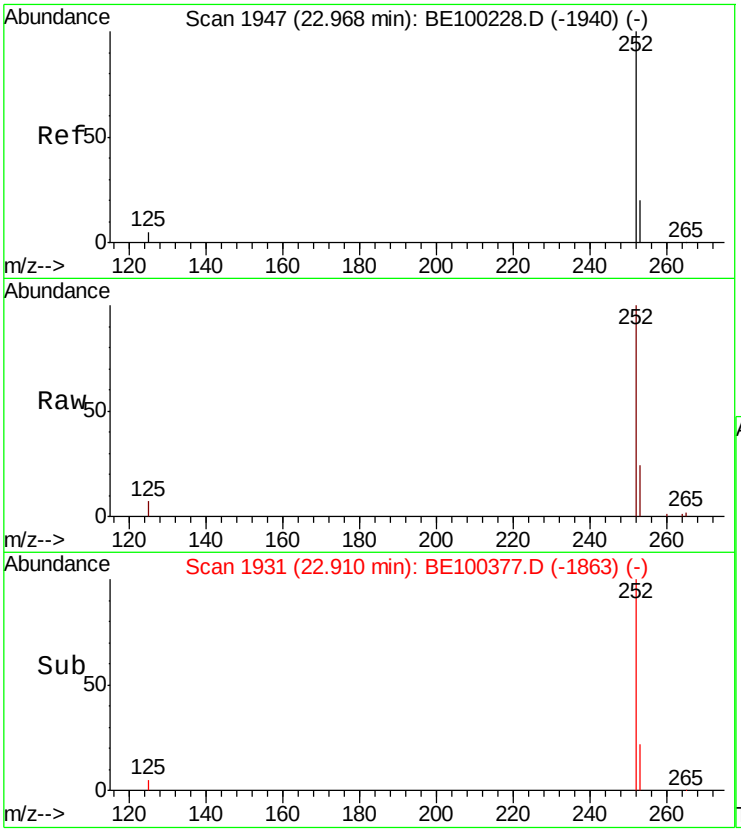


#35
Benzo(b)fluoranthene
Concen: 1.543 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:252 Resp: 36842

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	6.6	7.4	11.0#



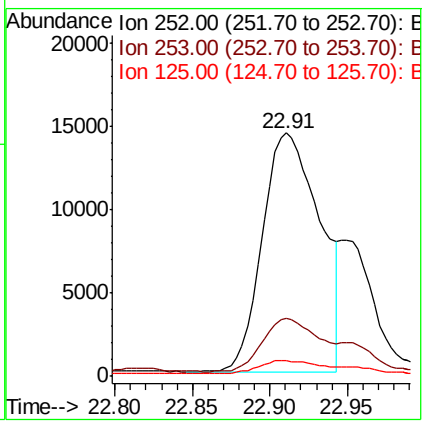


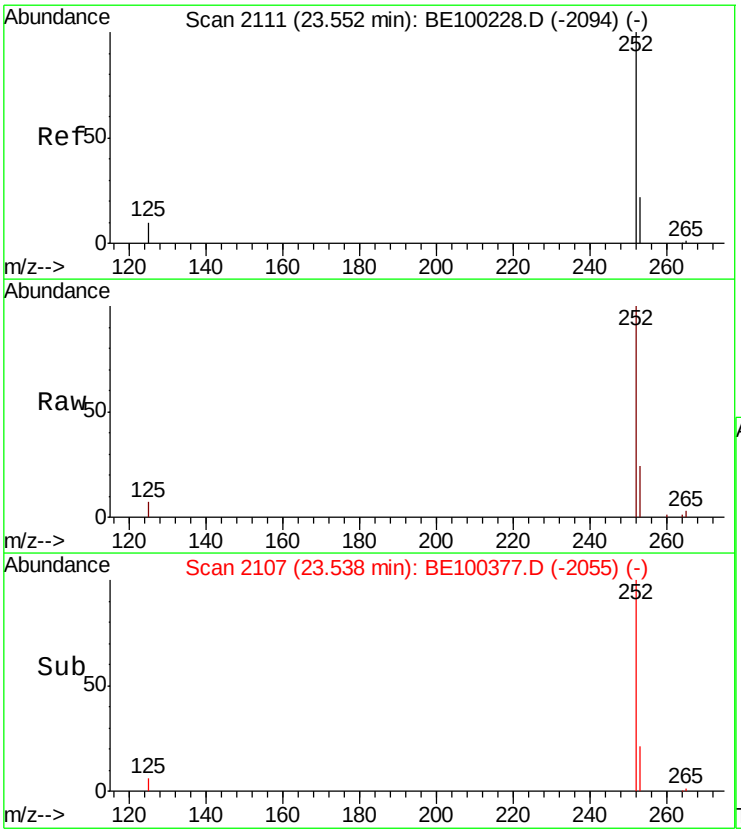
#36
Benzo(k)fluoranthene
Concen: 1.383 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:252 Resp: 36842

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	6.6	5.0	7.4

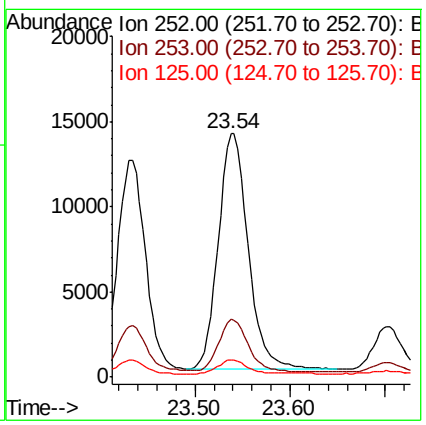


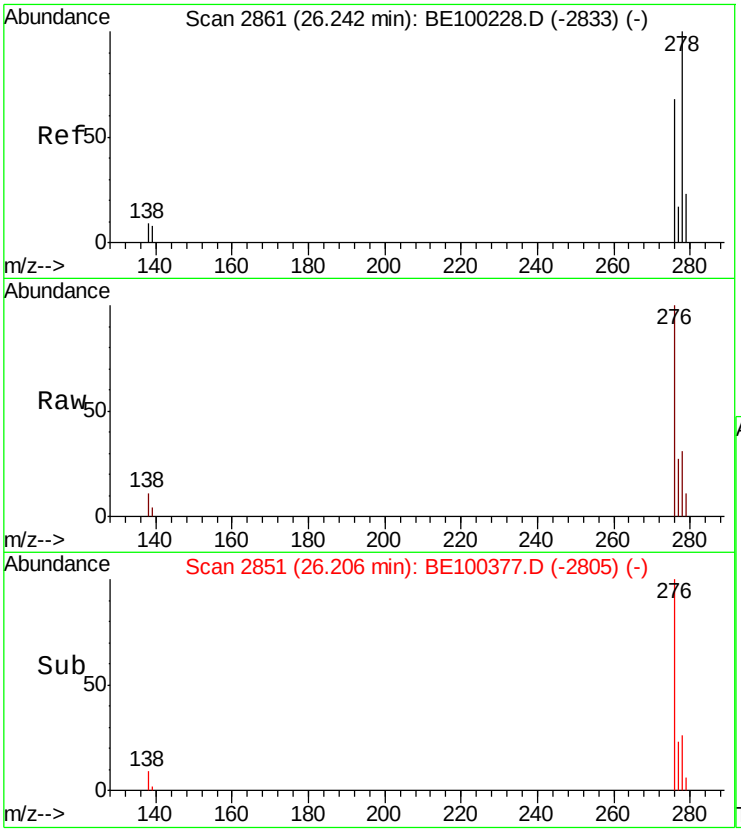


#37
Benzo(a)pyrene
Concen: 1.259 ng
RT: 23.54 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:252 Resp: 30112

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.6	29.4
125	7.1	9.0	13.6#



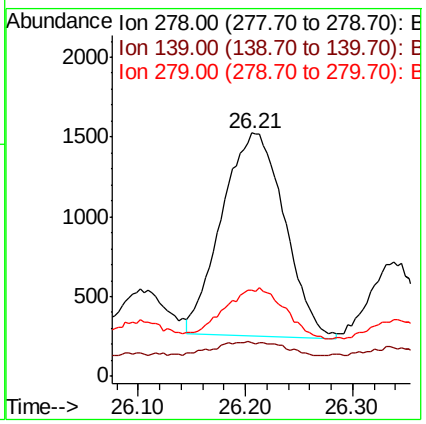


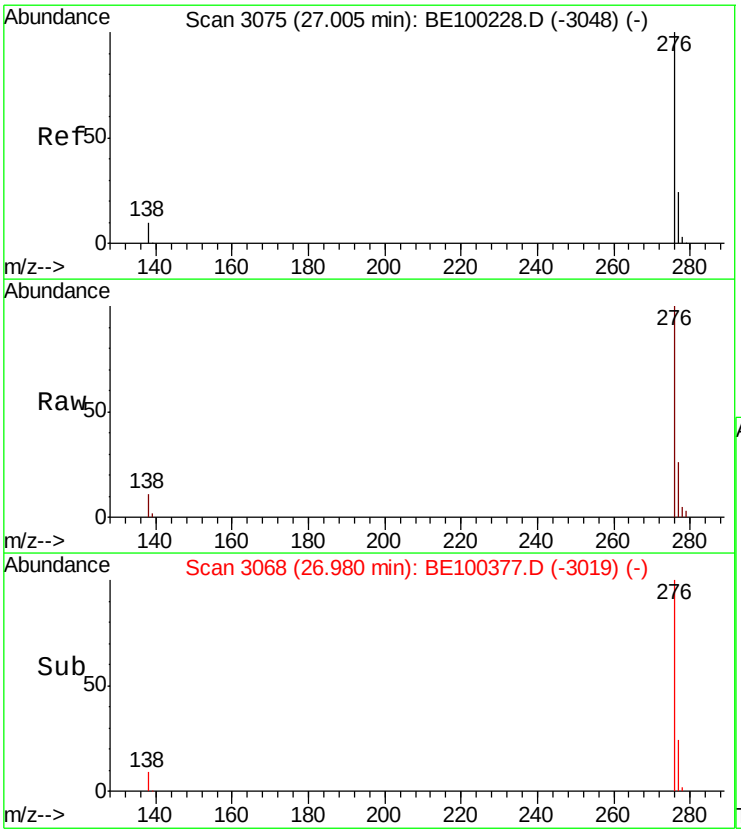
#38
Dibenzo(a,h)anthracene
Concen: 0.206 ng
RT: 26.21 min Scan# 2851
Delta R.T. -0.04 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tgt Ion:278 Resp: 5143

Ion	Ratio	Lower	Upper
278	100		
139	13.6	8.2	12.2#
279	35.2	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.919 ng
RT: 26.98 min Scan# 3068
Delta R.T. -0.03 min
Lab File: BE100377.D
Acq: 5 Jul 2019 12:33

Tgt Ion:276 Resp: 23600

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.2
138	11.0	9.0	13.6