Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100381.D
Acq On : 5 Jul 2019 14:56
Operator : JU/SJ
Sample : K3561-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-016-SW117-062519-1

Quant Time: Jul 06 00:11:59 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	638	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	2182	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1801	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5475	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	7486	0.40	ng		-0.01
34) Perylene-d12	23.65	264	9371	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	395	0.24	ng		-0.01
5) Phenol-d6	6.83	99	468	0.22	ng		-0.01
8) Nitrobenzene-d5	8.80	82	375	0.17	ng		-0.03
11) 2-Methylnaphthalene-d10	12.02	152	744	0.18	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	329	0.26	ng		-0.03
15) 2-Fluorobiphenyl	12.92	172	1218	0.17	ng		-0.03
25) Fluoranthene-d10	19.08	212	11347	0.14	ng		-0.02
29) Terphenyl-d14	19.68	244	2564	0.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	48	0.048	ng	#	64
3) n-Nitrosodimethylamine	3.49	42	17	0.037	ng	#	1
9) Naphthalene	10.47	128	5095	0.212	ng	#	97
12) 2-Methylnaphthalene	12.09	142	1119	0.265	ng		92
16) Acenaphthylene	14.02	152	8446	0.977	ng		98
17) Acenaphthene	14.36	154	1179	0.241	ng	#	90
18) Fluorene	15.34	166	4327	0.597	ng	#	92
23) Phenanthrene	17.08	178	119403	8.998	ng		100
24) Anthracene	17.17	178	7534	0.630	ng		99
26) Fluoranthene	19.11	202	216405	10.239	ng		98
28) Pyrene	19.48	202	274337	13.842	ng		96
30) Benzo(a)anthracene	21.27	228	176360	7.165	ng		96
31) Chrysene	21.27	228	174792	7.072	ng		98
32) Bis(2-ethylhexyl)phthalate	21.14	149	148350	4.207	ng		100
33) Indeno(1,2,3-cd)pyrene	26.20	276	89599	2.741	ng	#	97
35) Benzo(b)fluoranthene	22.91	252	167365	6.587	ng	#	95
36) Benzo(k)fluoranthene	22.91	252	167365	5.901	ng	#	98
37) Benzo(a)pyrene	23.54	252	129410	5.082	ng	#	93
38) Dibenzo(a,h)anthracene	26.21	278	24299	0.914	ng	#	91
39) Benzo(g,h,i)perylene	26.99	276	98502	3.605	ng		98

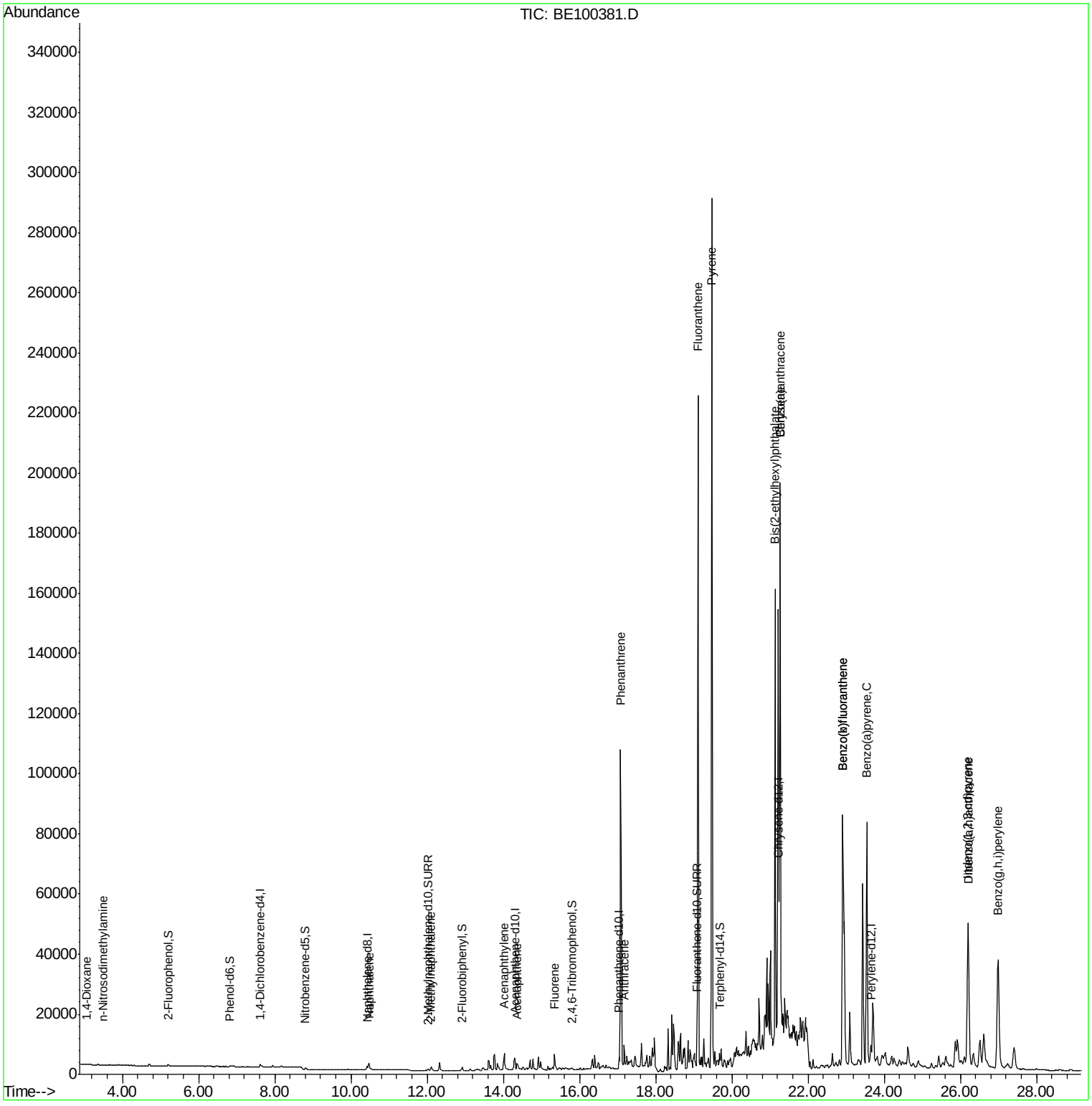
(#) = qualifier out of range (m) = manual integration (+) = signals summed

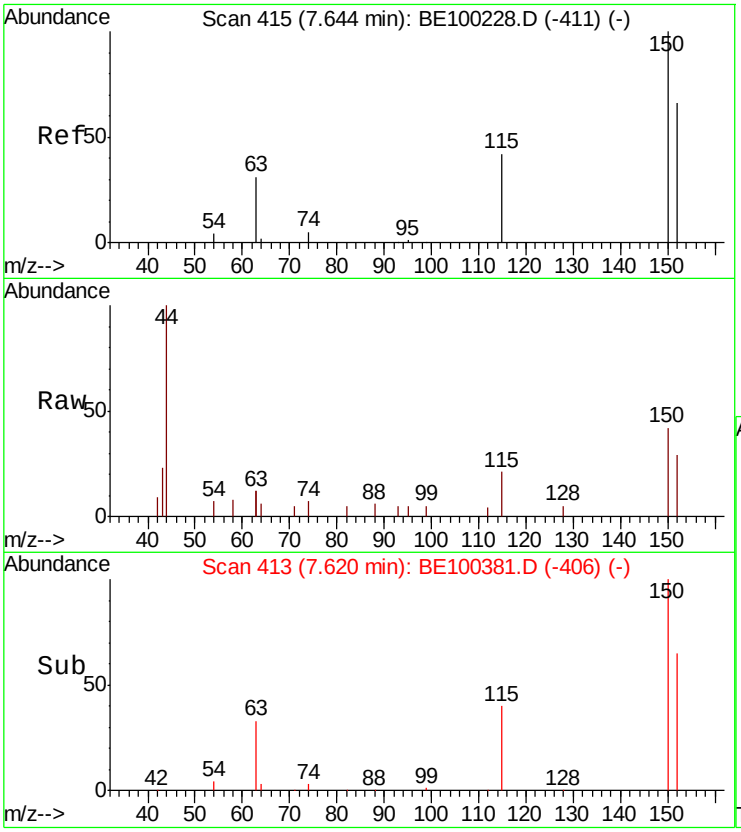
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100381.D
Acq On : 5 Jul 2019 14:56
Operator : JU/SJ
Sample : K3561-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Quant Time: Jul 06 00:11:59 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



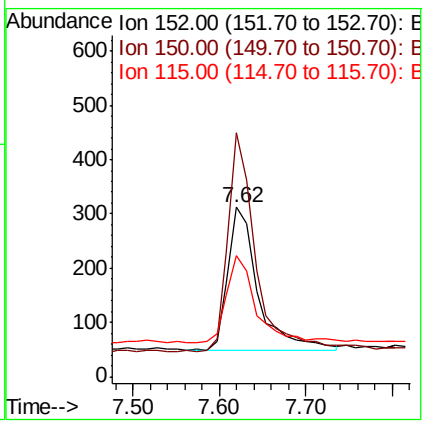


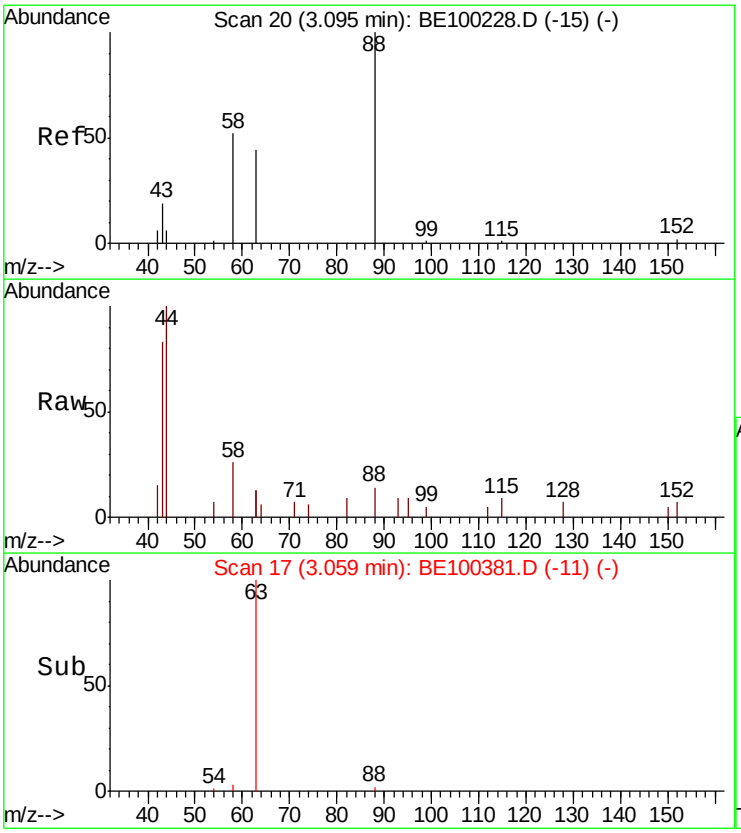
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:152 Resp: 638

Ion	Ratio	Lower	Upper
152	100		
150	143.9	114.5	171.7
115	71.5	57.1	85.7

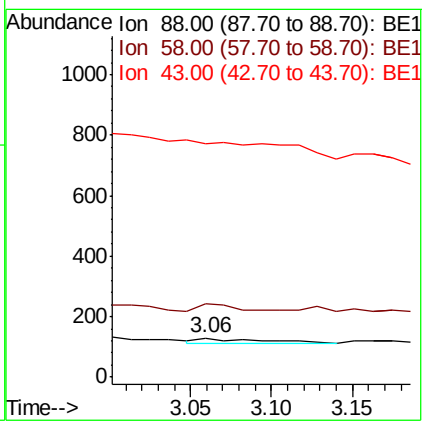


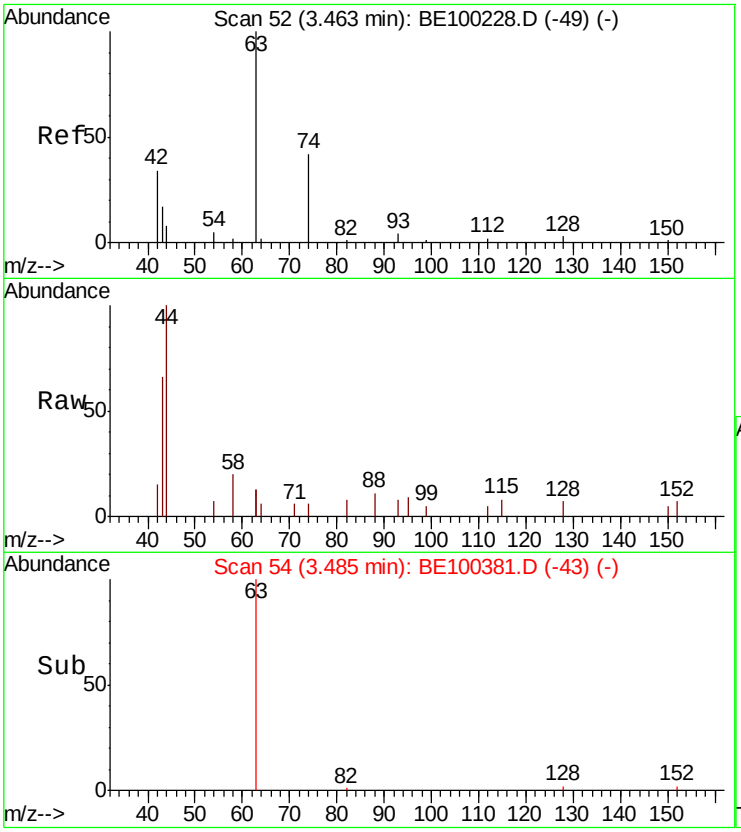


#2
1,4-Dioxane
Concen: 0.048 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.04 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
58	75.0	43.6	65.4#
43	0.0	21.4	32.0#



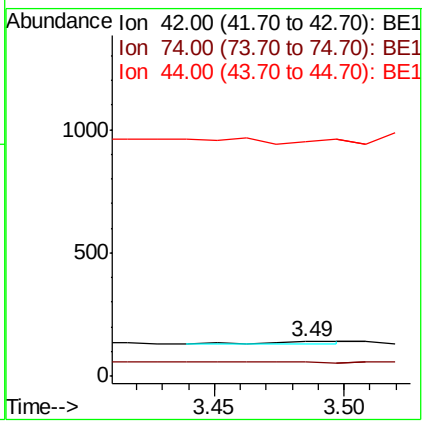


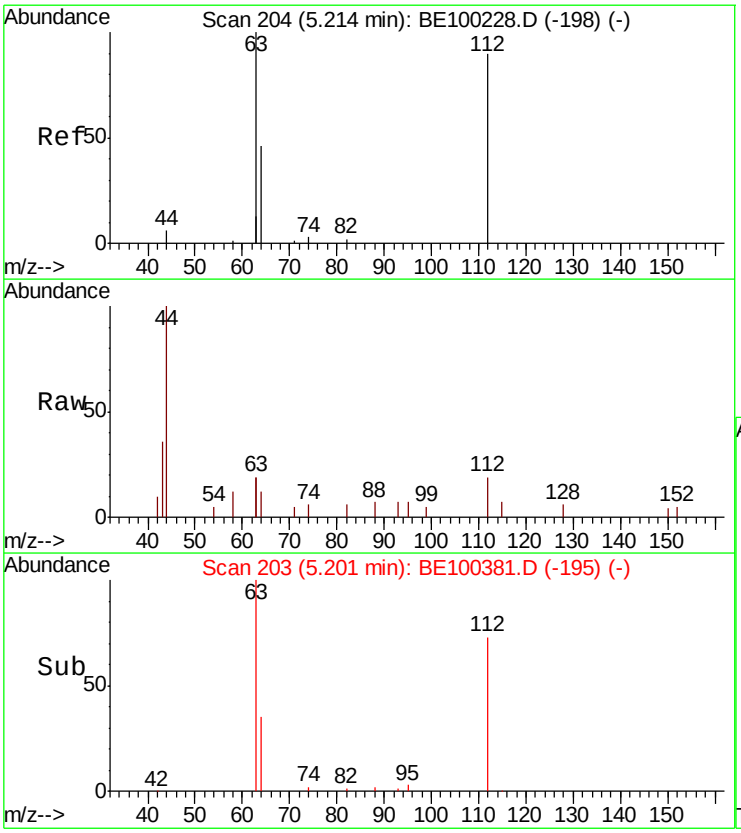
#3
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.49 min Scan# 54
Delta R.T. 0.02 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion: 42 Resp: 17

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

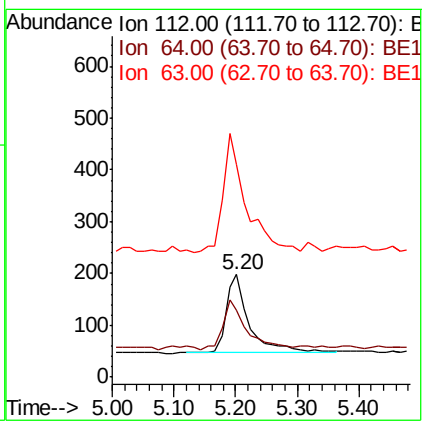


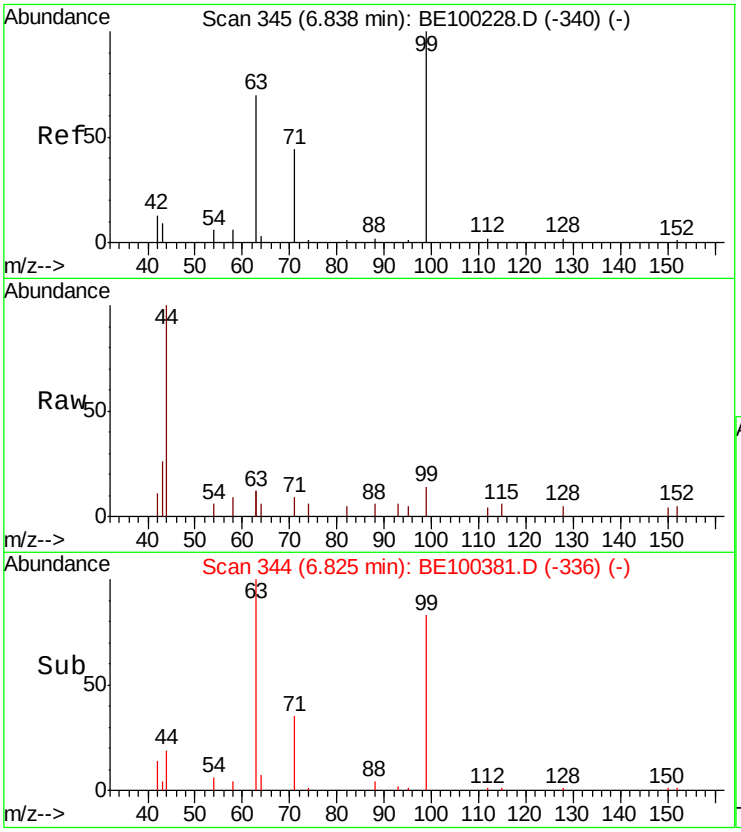


#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:112 Resp: 395

Ion	Ratio	Lower	Upper
112	100		
64	64.3	39.4	59.0#
63	151.1	104.5	156.7



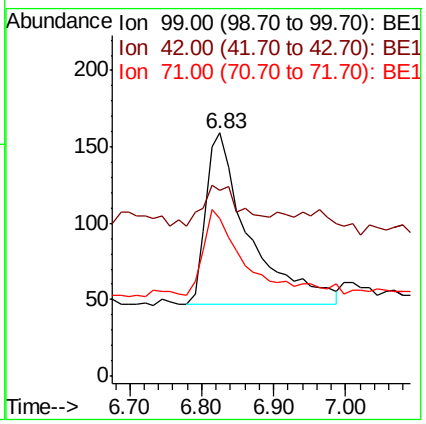


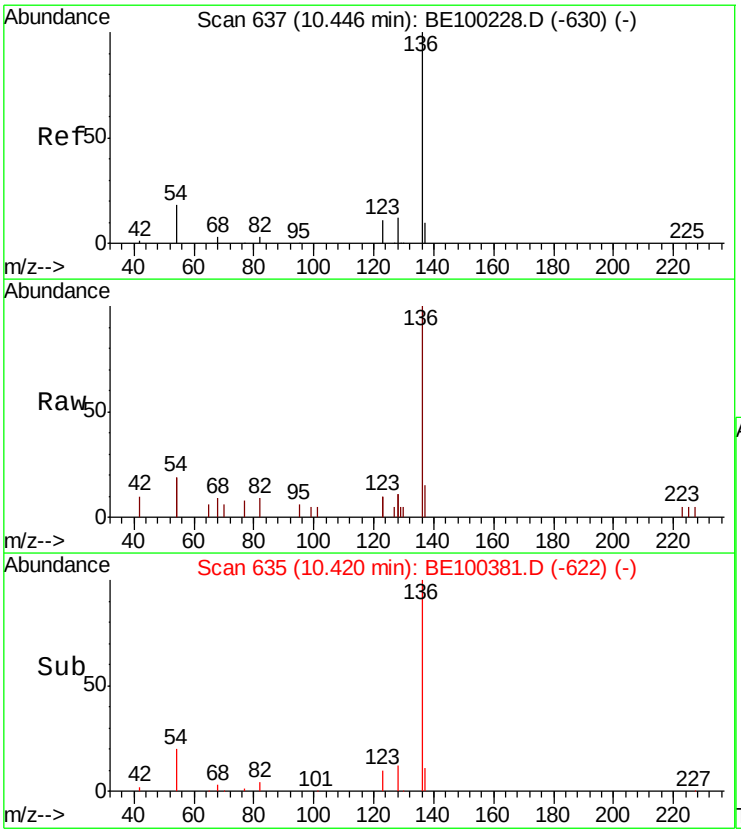
#5
Phenol-d6
Concen: 0.219 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion: 99 Resp: 468

Ion	Ratio	Lower	Upper
99	100		
42	20.7	11.2	16.8#
71	44.7	37.2	55.8

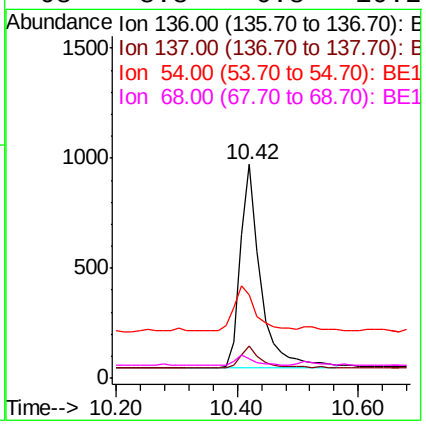


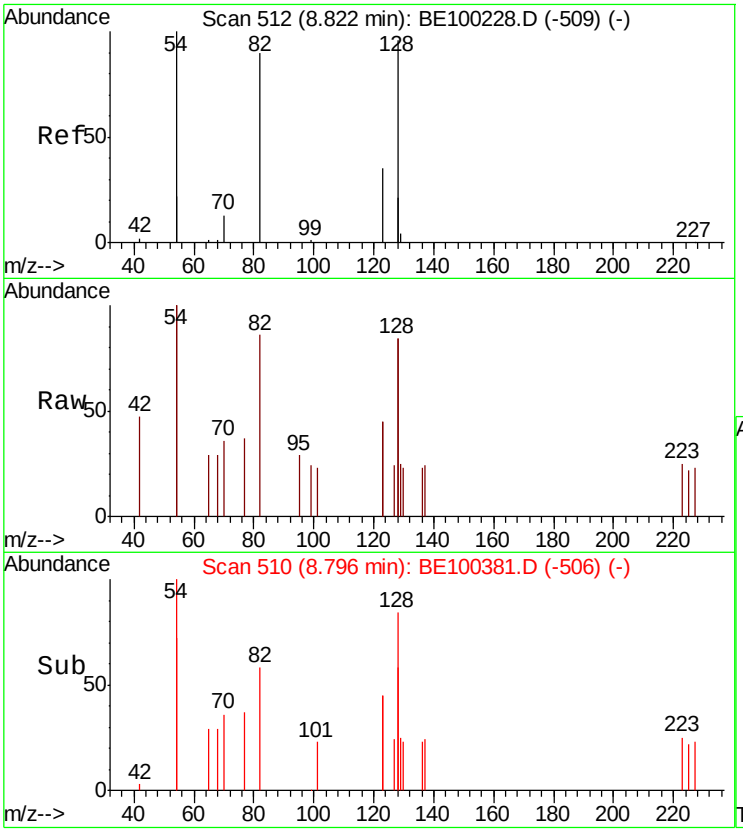


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:136 Resp: 2182

Ion	Ratio	Lower	Upper
136	100		
137	15.1	11.8	17.8
54	38.7	27.7	41.5
68	8.8	6.8	10.2



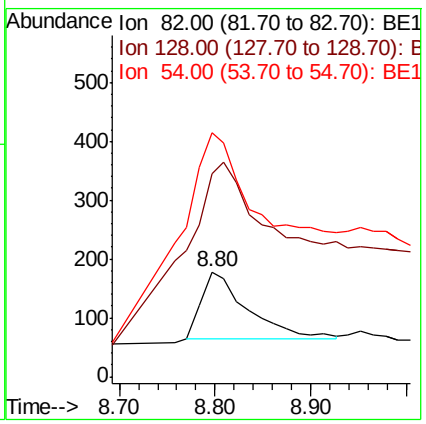


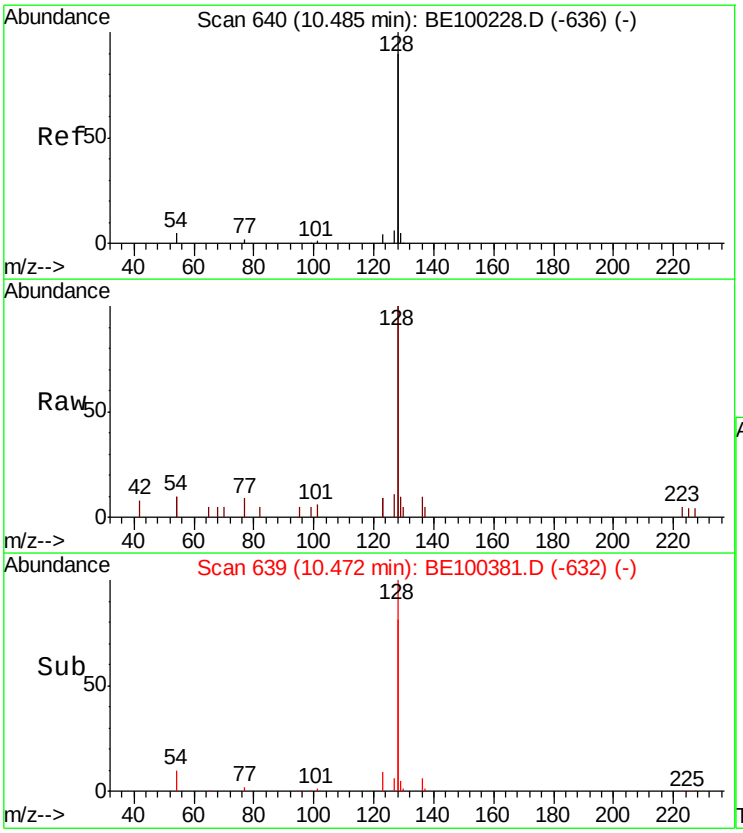
#8
Nitrobenzene-d5
Concen: 0.173 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion: 82 Resp: 375

Ion	Ratio	Lower	Upper
82	100		
128	194.4	140.9	211.3
54	232.6	146.2	219.2#

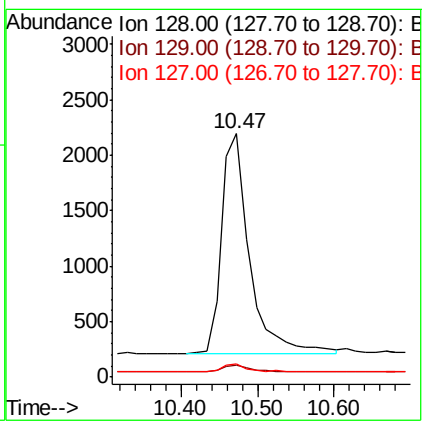


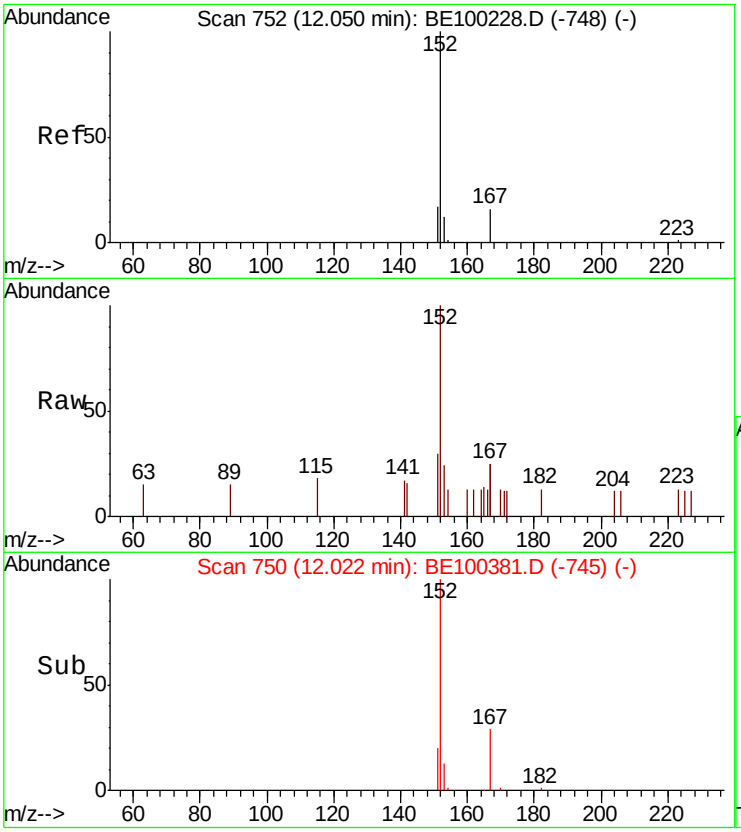


#9
Naphthalene
Concen: 0.212 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:128 Resp: 5095

Ion	Ratio	Lower	Upper
128	100		
129	4.8	3.0	4.6#
127	5.4	3.5	5.3#



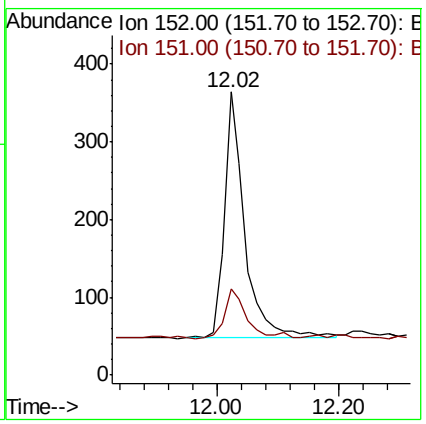


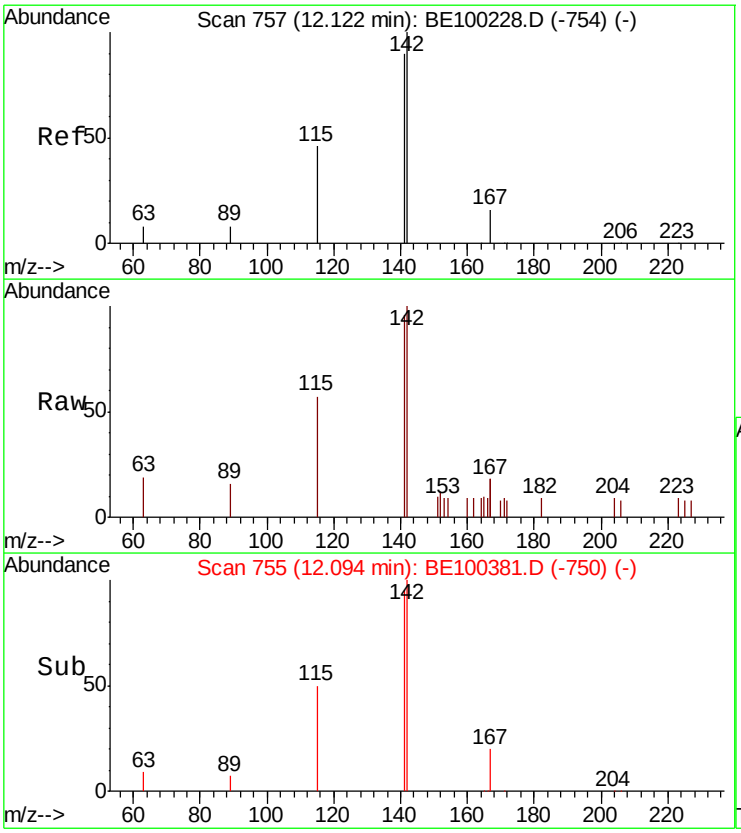
#11
2-Methylnaphthalene-d10
Concen: 0.181 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:152 Resp: 744

Ion	Ratio	Lower	Upper
152	100		
151	22.7	15.1	22.7#

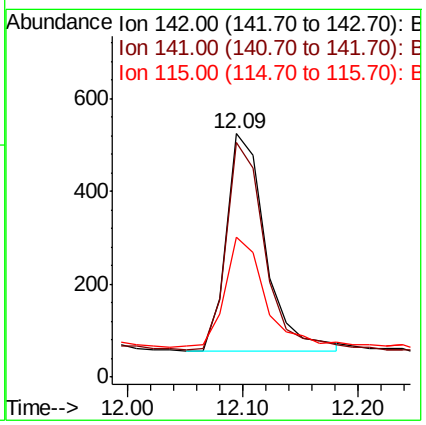


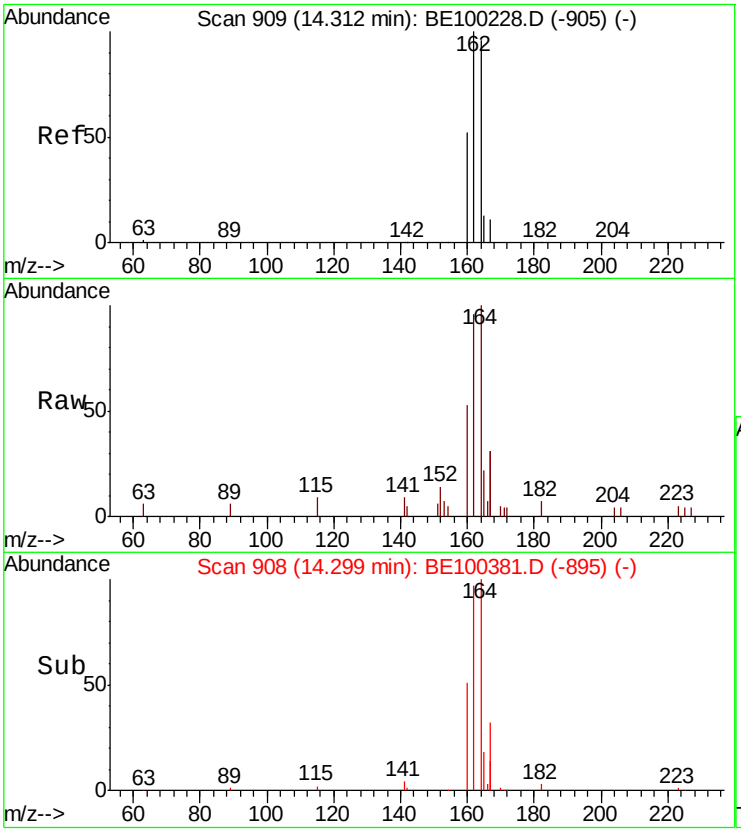


#12
2-Methylnaphthalene
Concen: 0.265 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:142 Resp: 1119

Ion	Ratio	Lower	Upper
142	100		
141	96.4	72.4	108.6
115	57.4	40.4	60.6



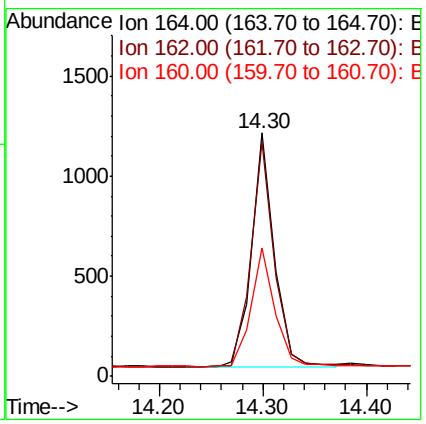


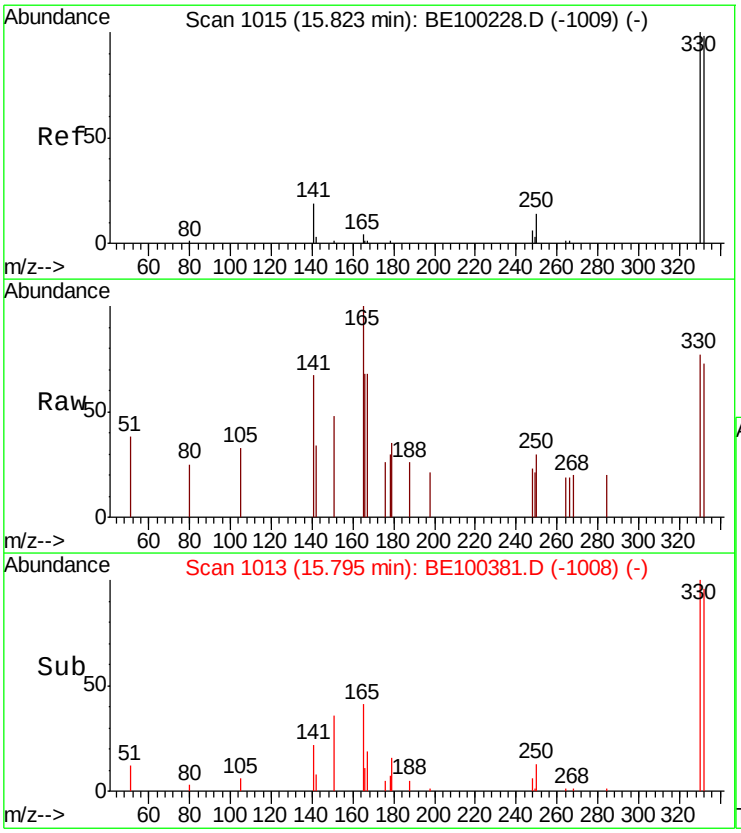
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:164 Resp: 1801

Ion	Ratio	Lower	Upper
164	100		
162	96.3	83.4	125.0
160	52.9	45.0	67.6

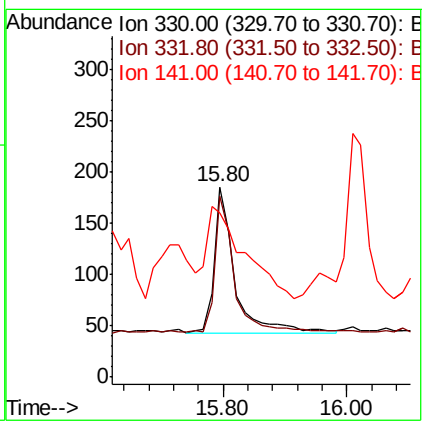


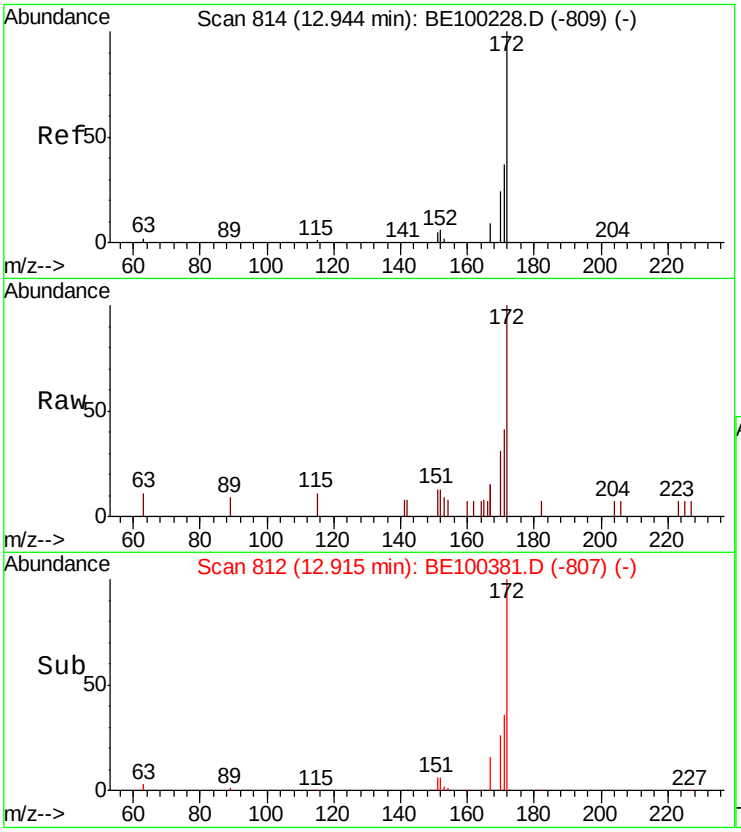


#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:330 Resp: 329

Ion	Ratio	Lower	Upper
330	100		
332	85.4	77.0	115.4
141	114.6	22.0	33.0#



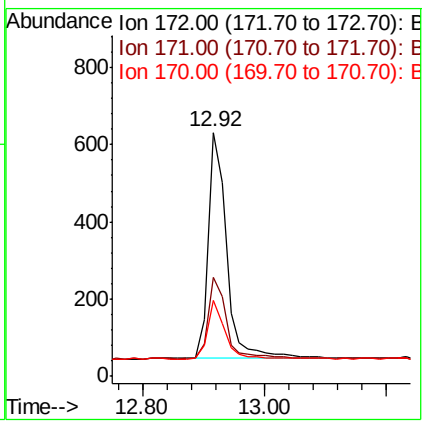


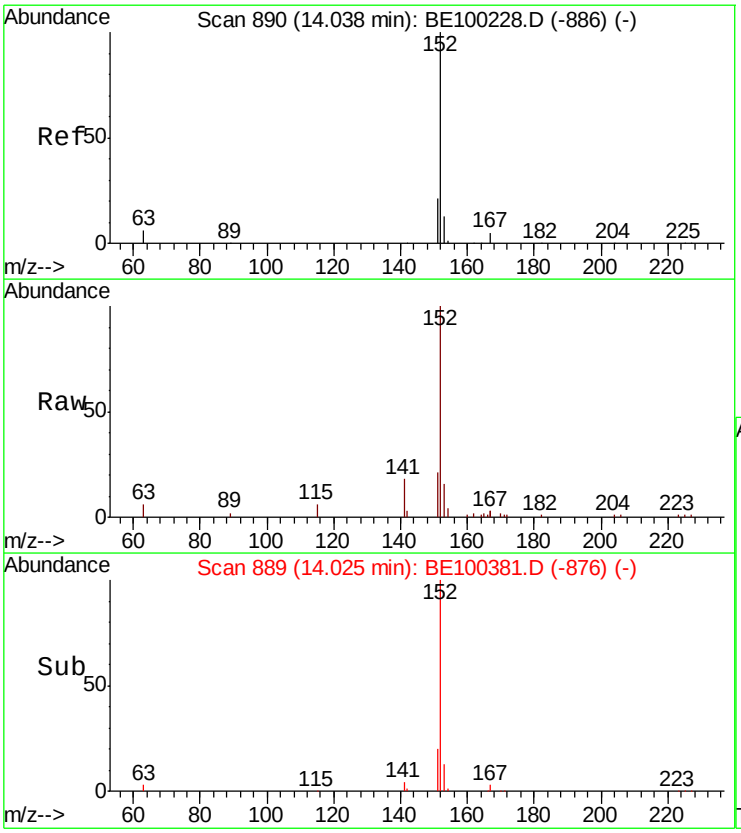
#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 12.92 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:172 Resp: 1218

Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.9	47.9
170	31.1	22.2	33.2

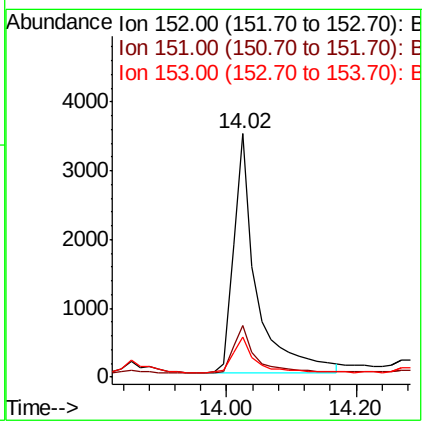


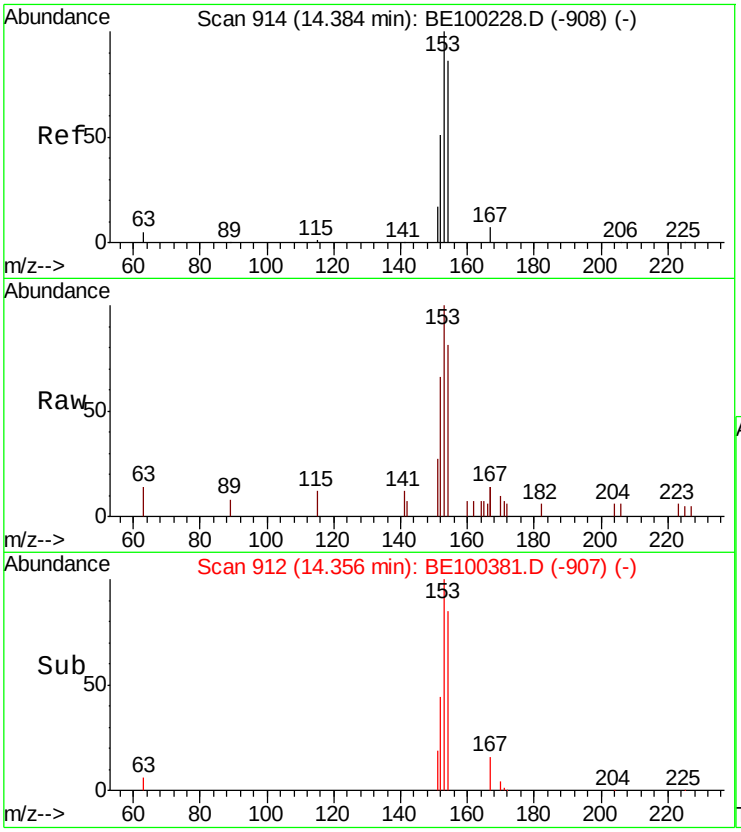


#16
Acenaphthylene
Concen: 0.977 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:152 Resp: 8446

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	14.4	10.5	15.7



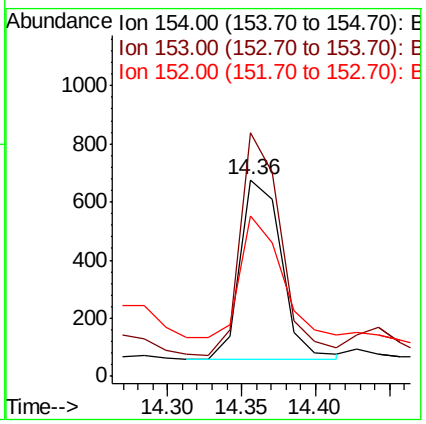


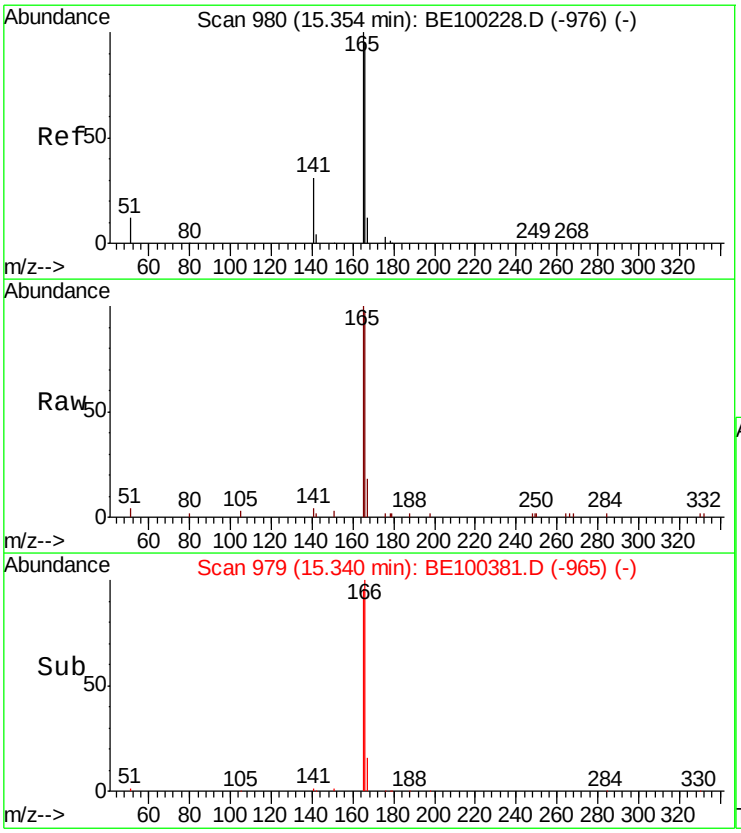
#17
Acenaphthene
Concen: 0.241 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:154 Resp: 1179

Ion	Ratio	Lower	Upper
154	100		
153	123.4	93.4	140.2
152	74.4	49.4	74.2#

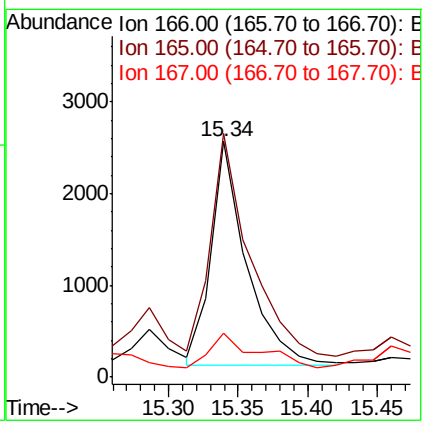


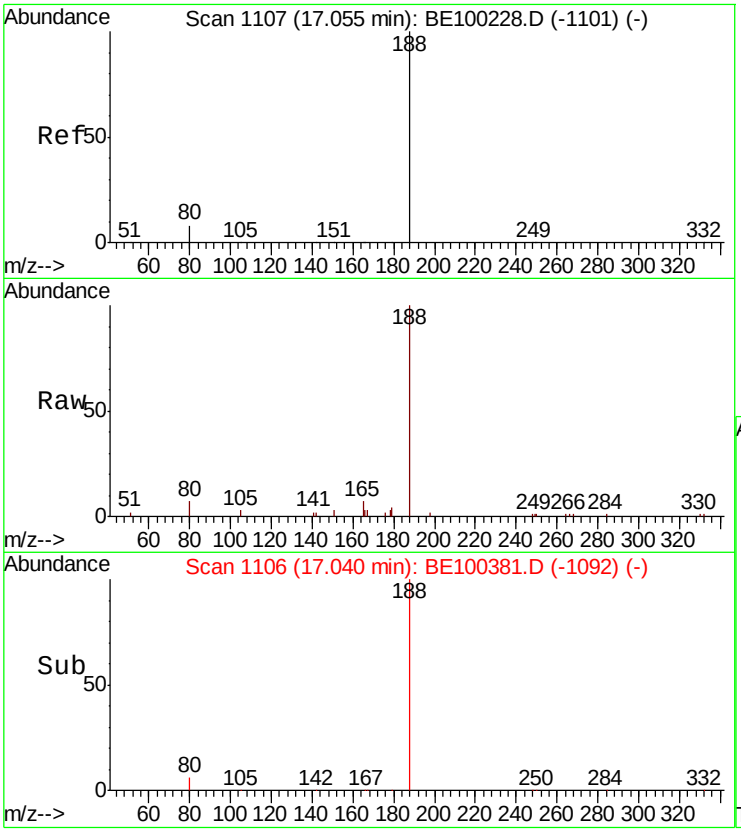


#18
Fluorene
Concen: 0.597 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:166 Resp: 4327

Ion	Ratio	Lower	Upper
166	100		
165	108.8	81.1	121.7
167	20.3	10.7	16.1#



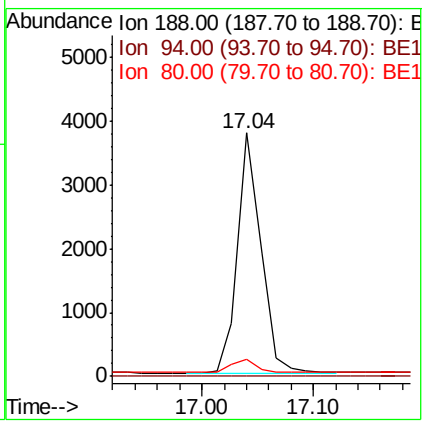


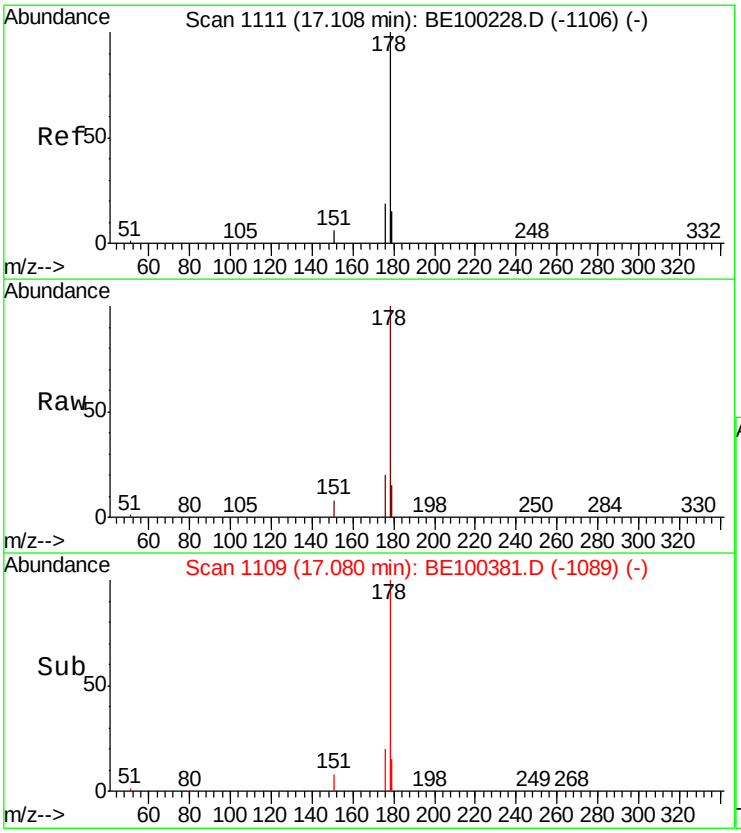
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:188 Resp: 5475

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

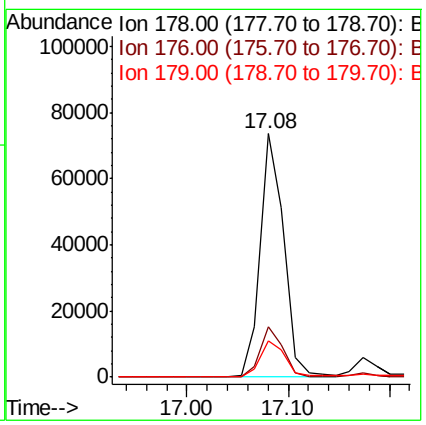


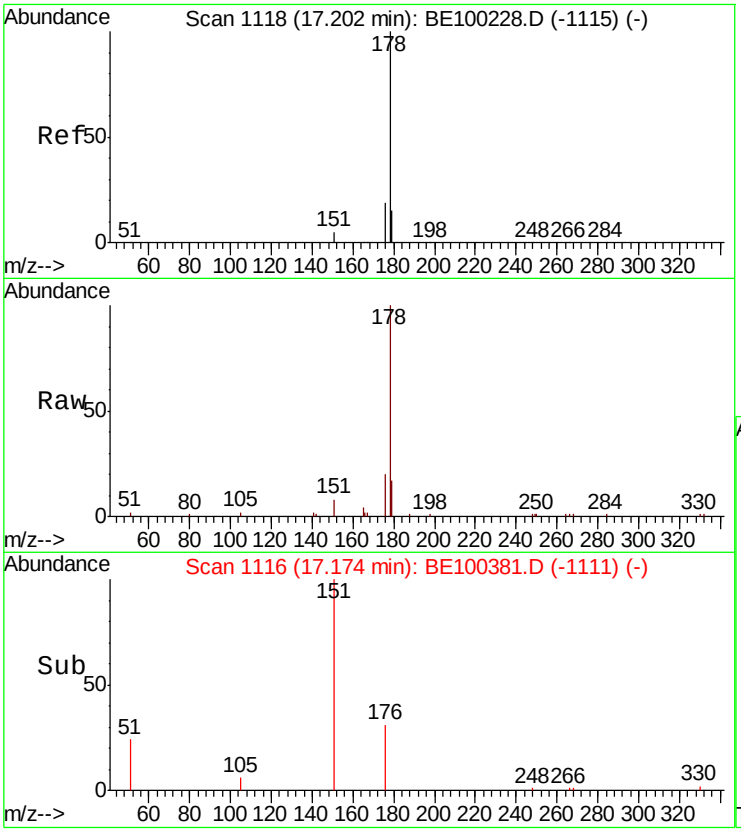


#23
Phenanthrene
Concen: 8.998 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:178 Resp: 119403

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



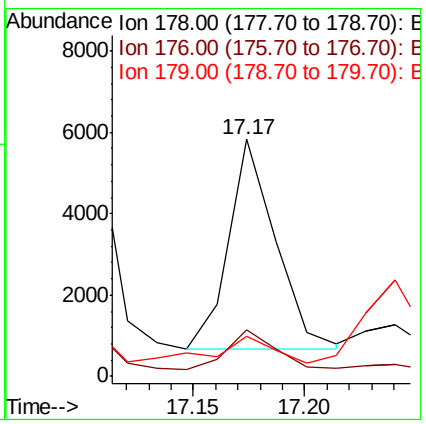


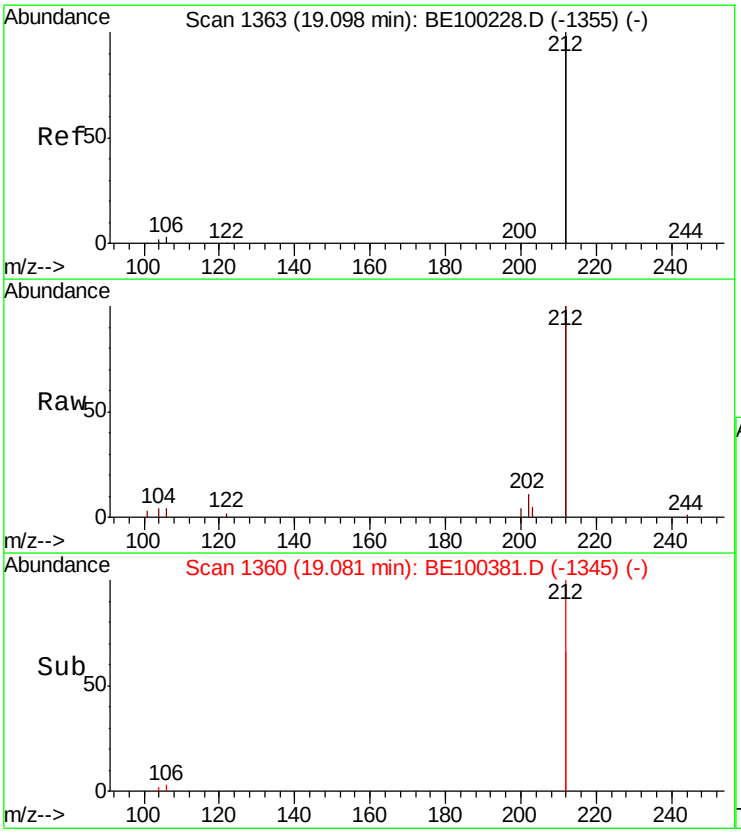
#24
Anthracene
Concen: 0.630 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:178 Resp: 7534

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	14.6	12.2	18.2

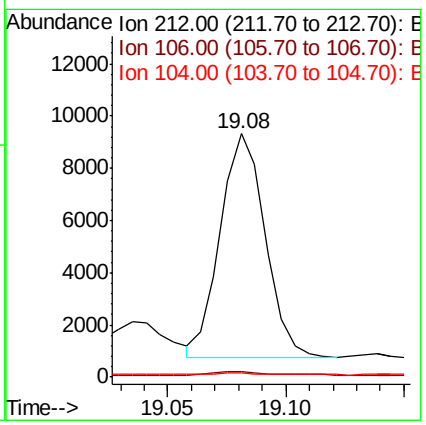


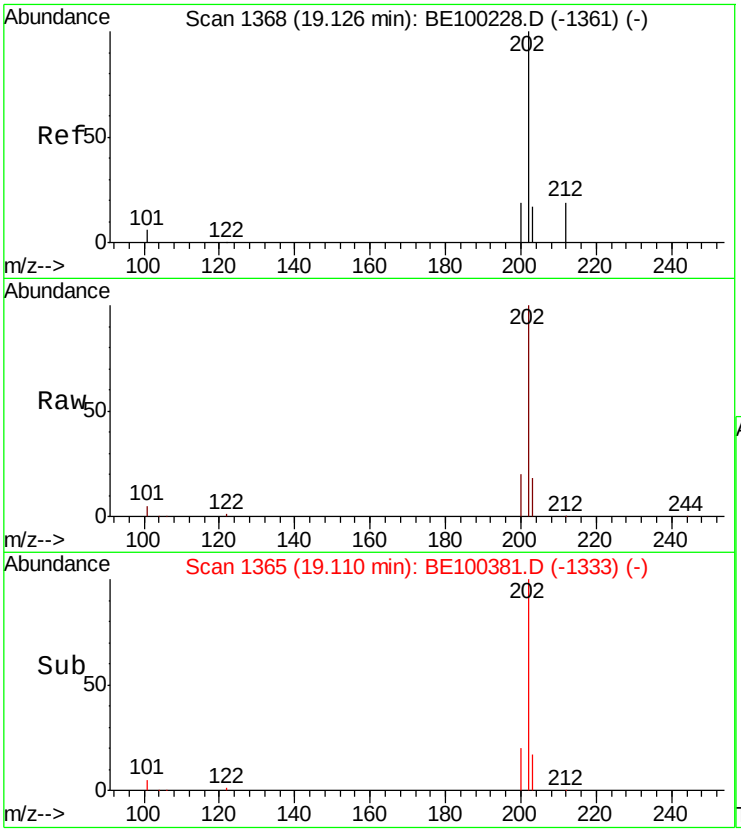


#25
Fluoranthene-d10
Concen: 0.143 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:212 Resp: 11347

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.1	0.8	1.2



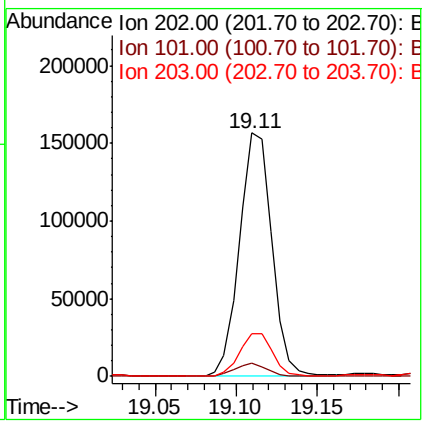


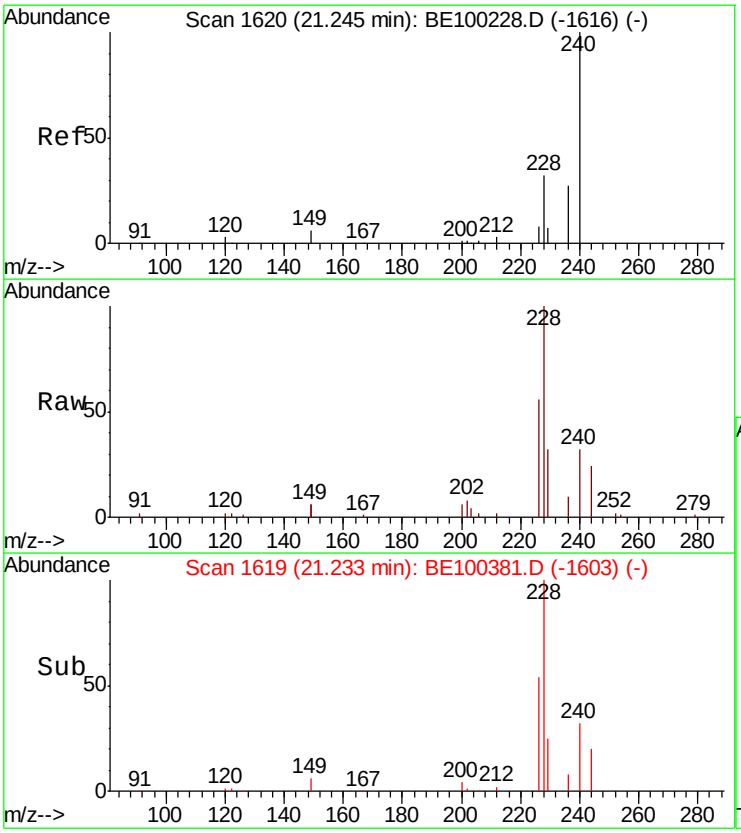
#26
Fluoranthene
Concen: 10.239 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:202 Resp: 216405

Ion	Ratio	Lower	Upper
202	100		
101	5.0	4.6	7.0
203	17.8	13.7	20.5

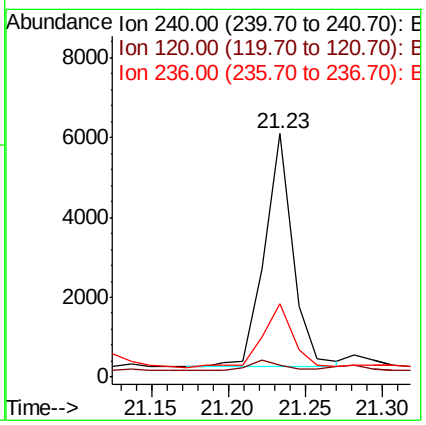


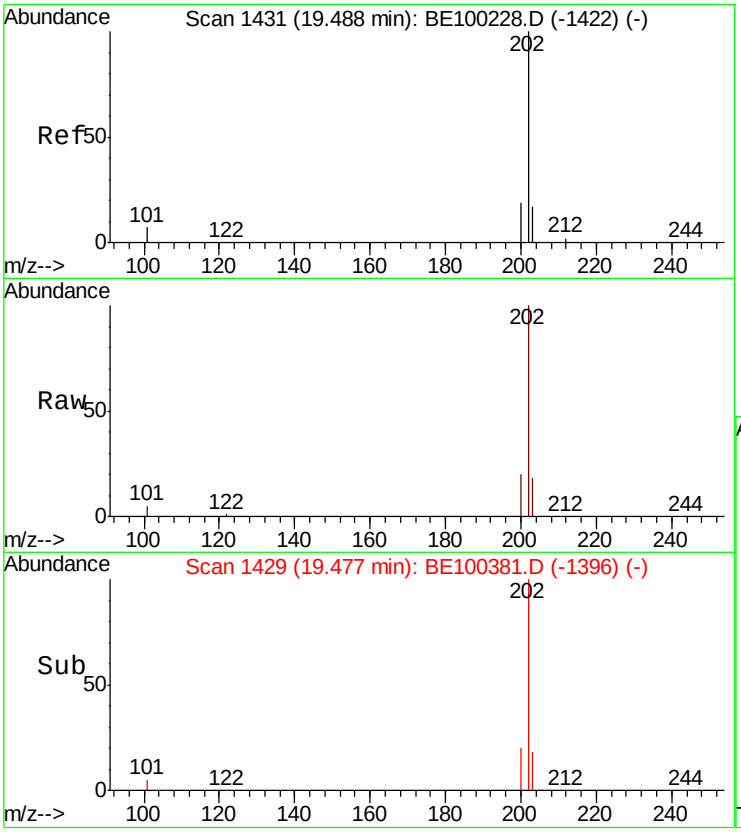


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:240 Resp: 7486

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.3	4.9
236	30.0	22.6	34.0



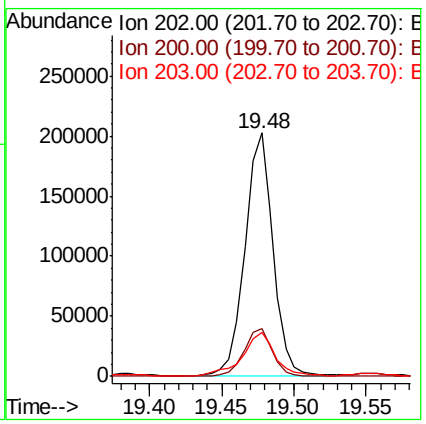


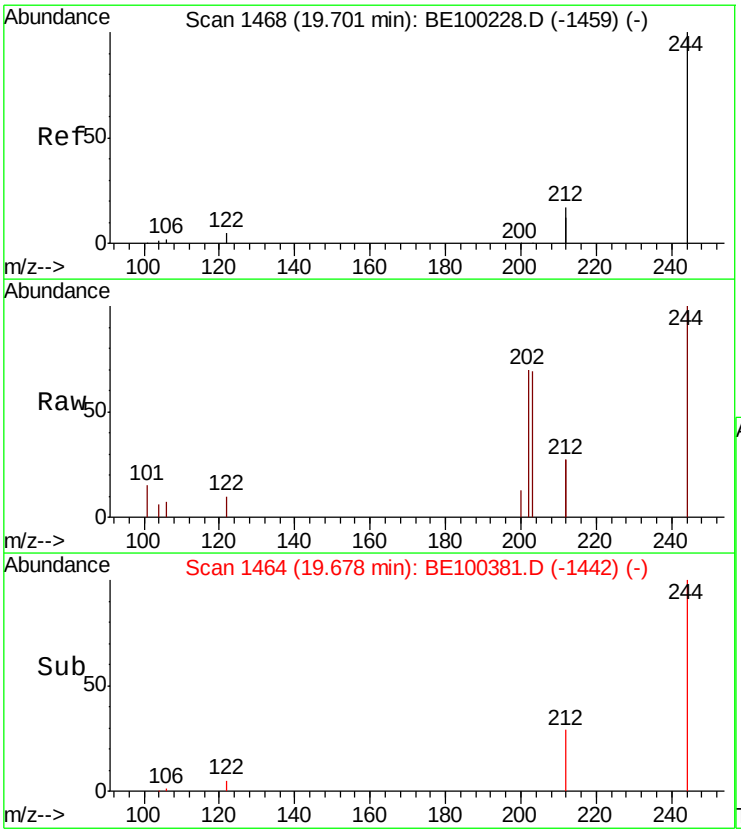
#28
Pyrene
Concen: 13.842 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:202 Resp: 274337

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.7	14.0	21.0

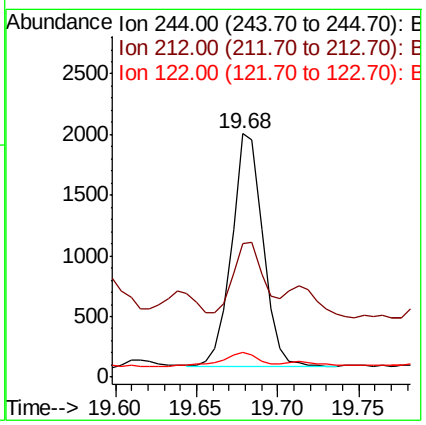


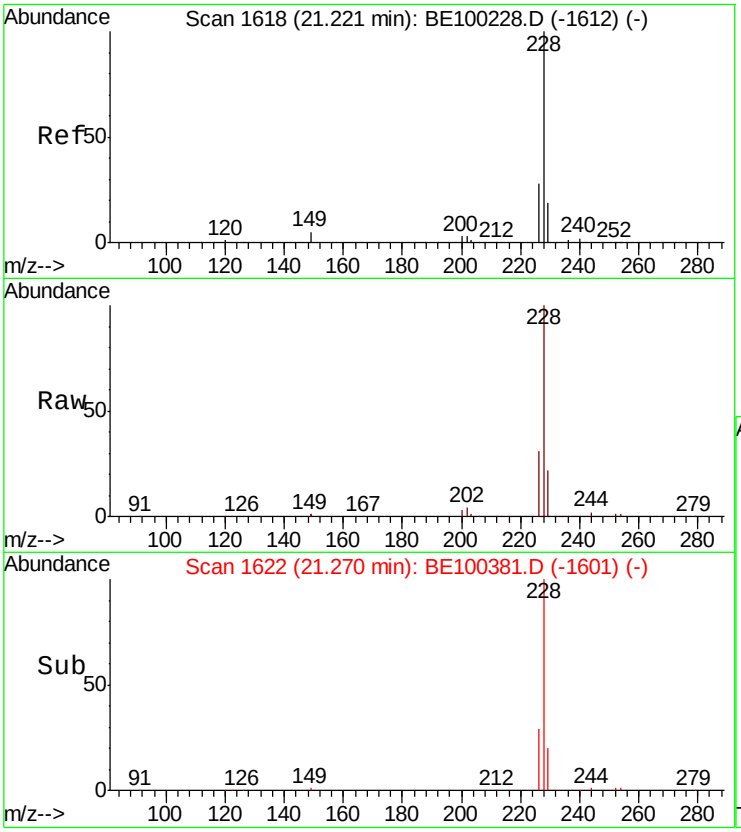


#29
Terphenyl-d14
Concen: 0.165 ng
RT: 19.68 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:244 Resp: 2564

Ion	Ratio	Lower	Upper
244	100		
212	54.8	27.3	40.9#
122	10.4	4.7	7.1#



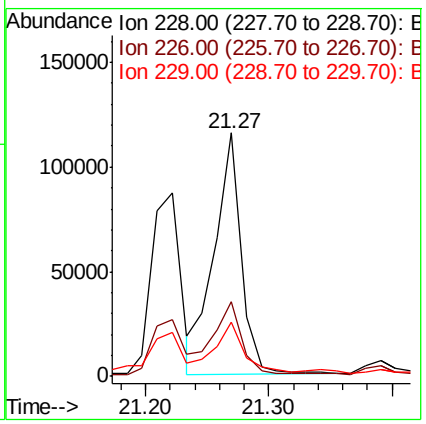


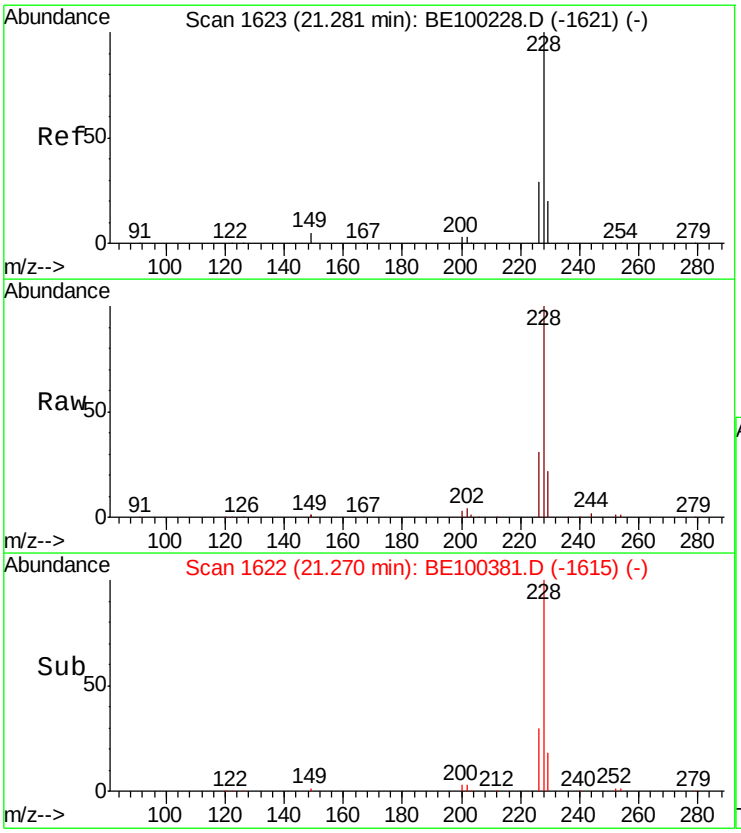
#30
Benzo(a)anthracene
Concen: 7.165 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.05 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:228 Resp: 176360

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.2	34.8
229	22.2	15.7	23.5

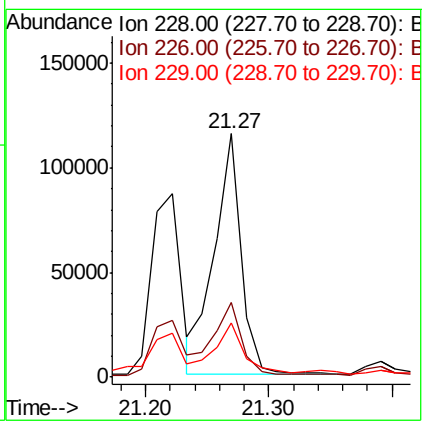


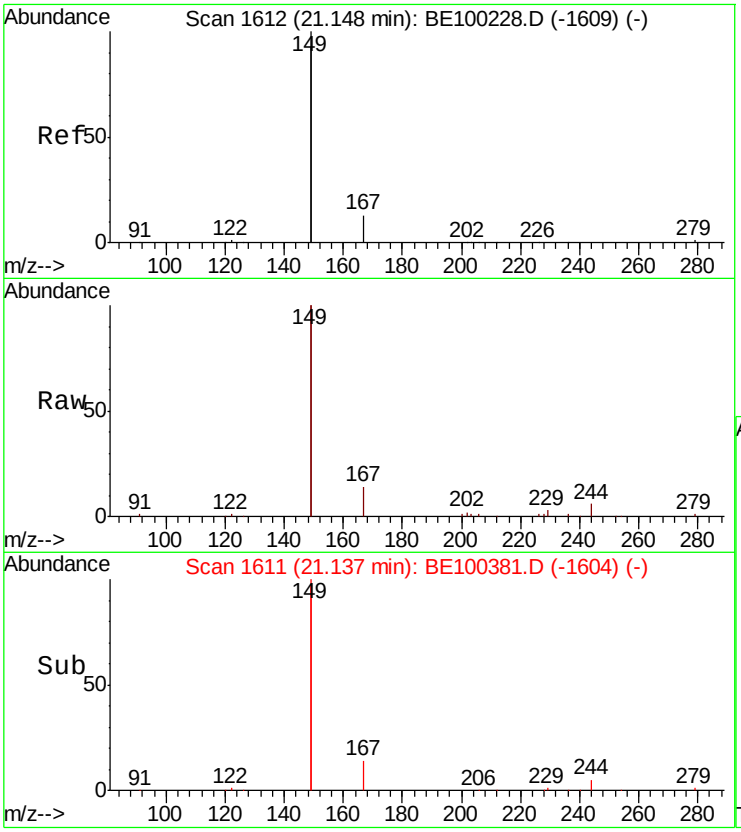


#31
Chrysene
Concen: 7.072 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:228 Resp: 174792

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	22.2	16.5	24.7



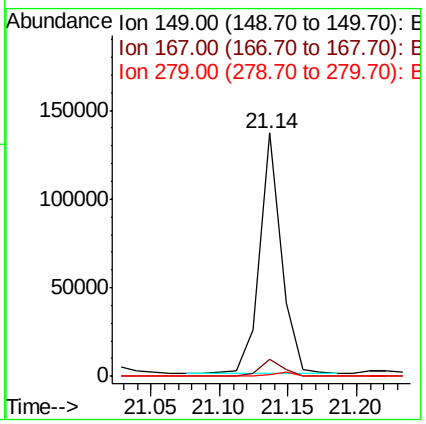


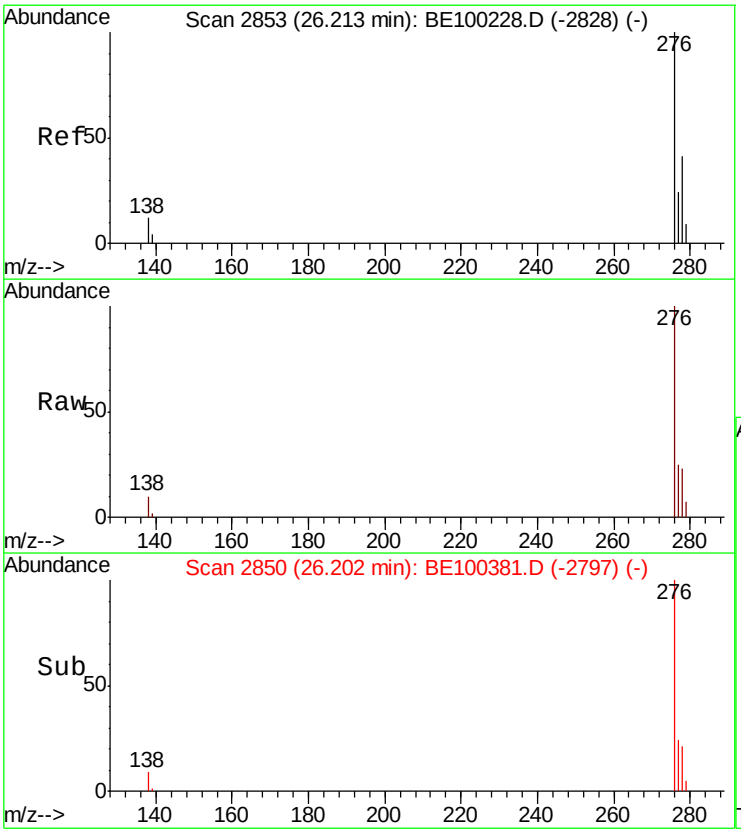
#32
Bis(2-ethylhexyl)phthalate
Concen: 4.207 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:149 Resp: 148350

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.8
279	1.4	1.1	1.7

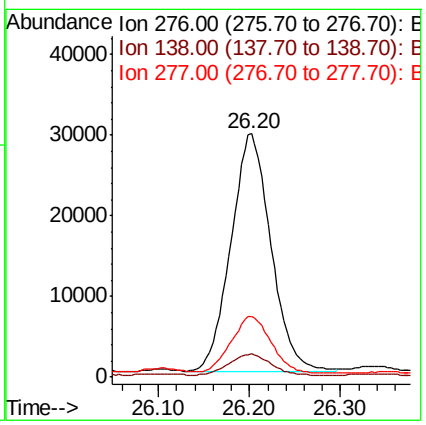


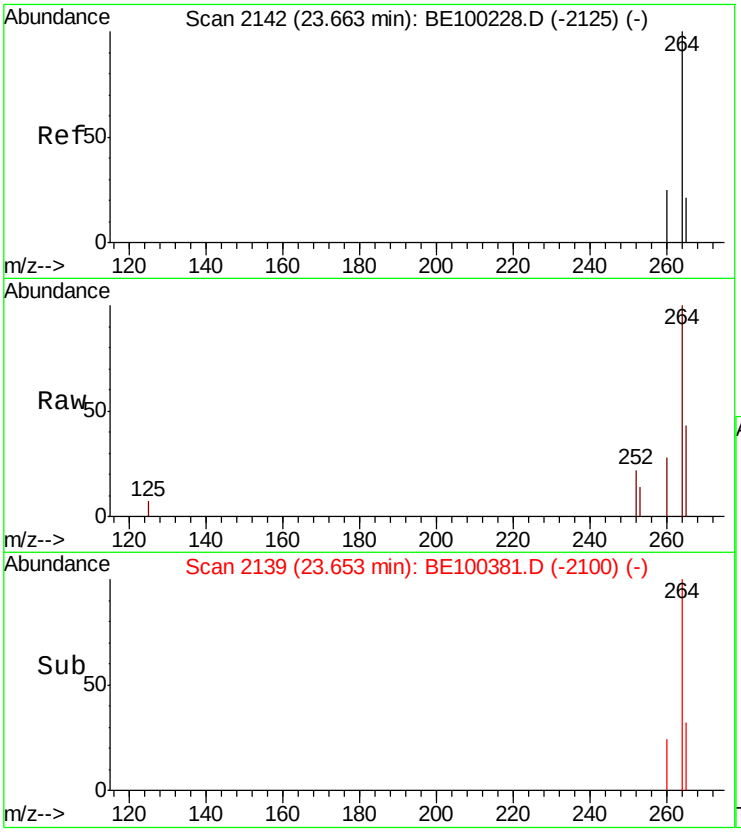


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.741 ng
RT: 26.20 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:276 Resp: 89599

Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.4	14.0#
277	24.3	19.2	28.8



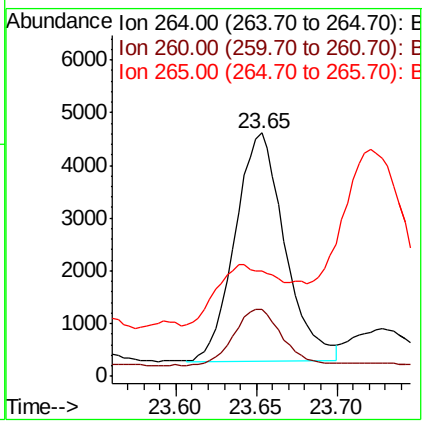


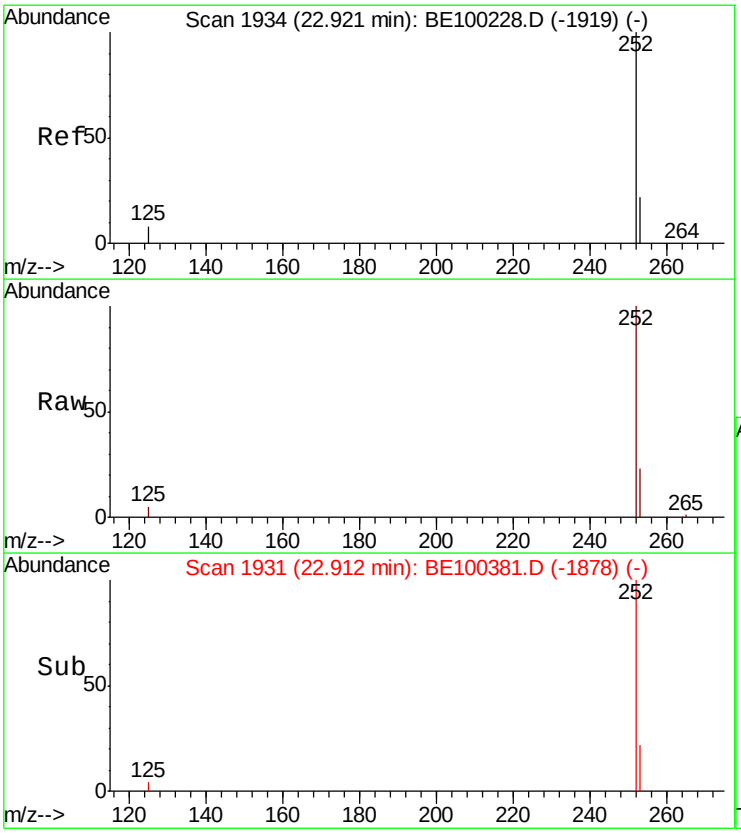
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:264 Resp: 9371

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.8	31.2
265	43.3	21.8	32.6#

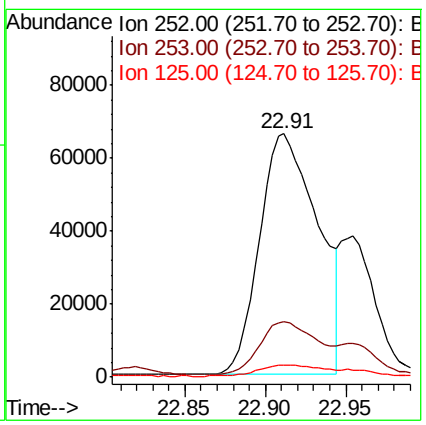


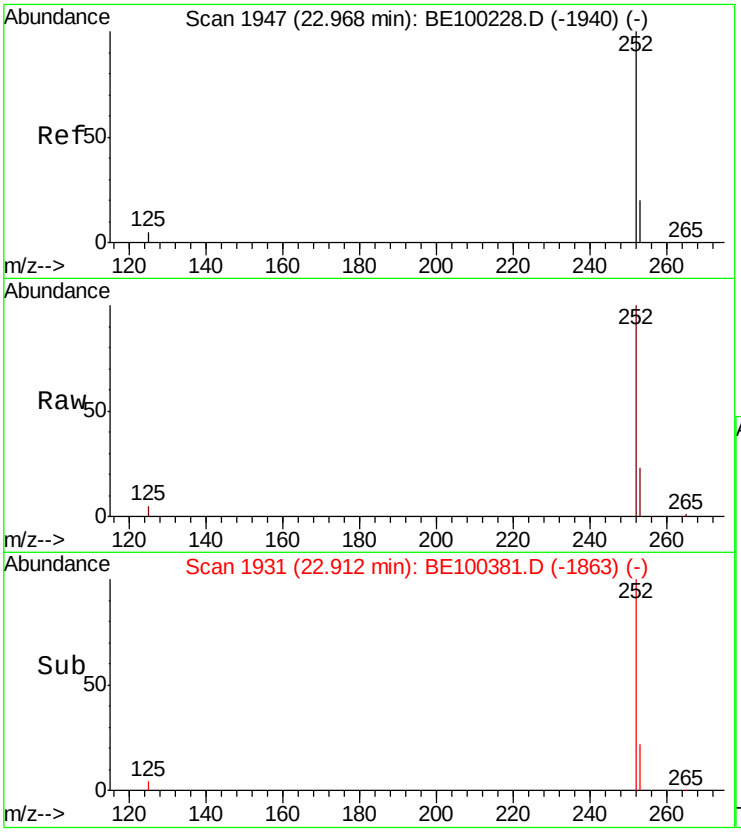


#35
Benzo(b)fluoranthene
Concen: 6.587 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:252 Resp: 167365

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	4.9	7.4	11.0#



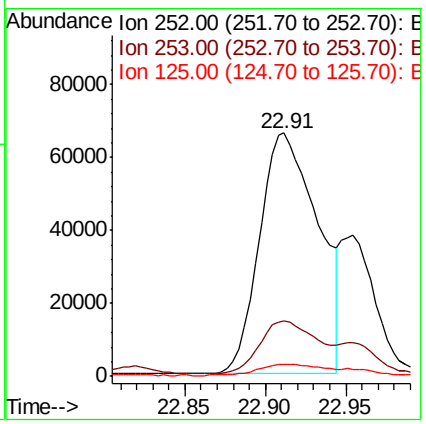


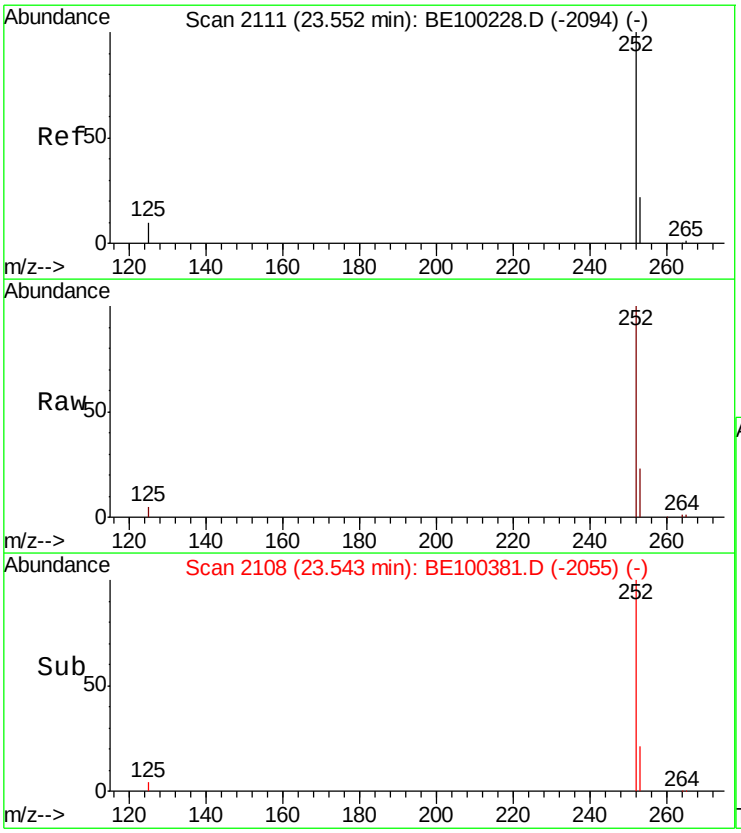
#36
Benzo(k)fluoranthene
Concen: 5.901 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:252 Resp: 167365

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	4.9	5.0	7.4#

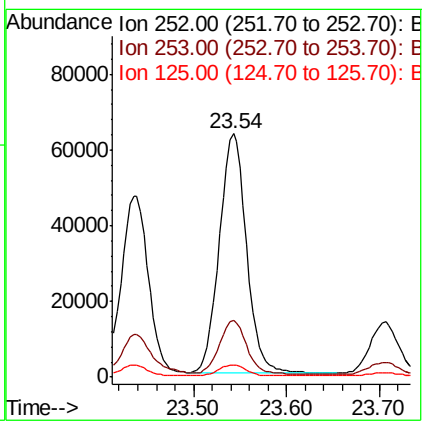


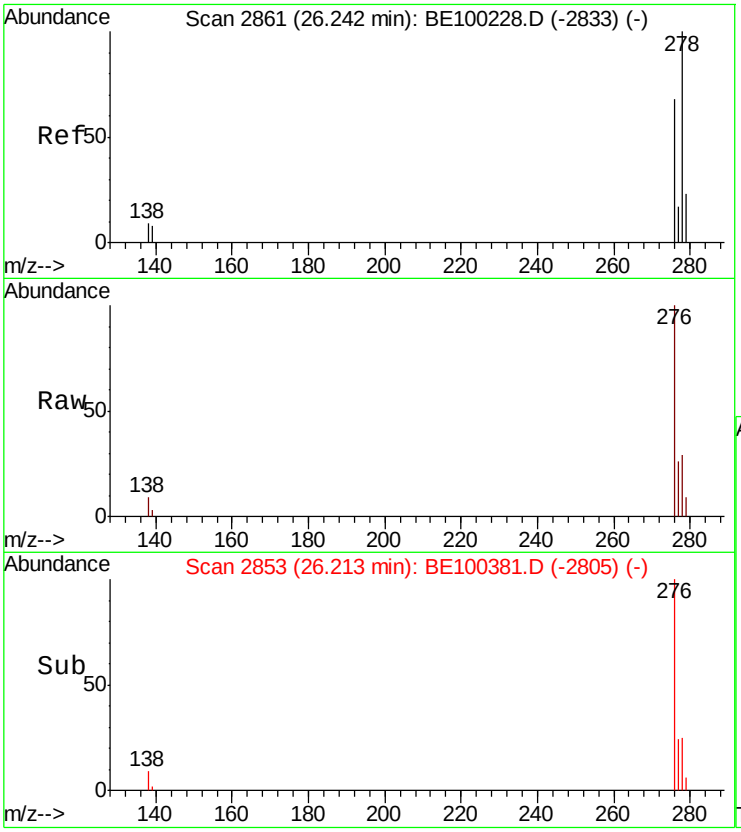


#37
Benzo(a)pyrene
Concen: 5.082 ng
RT: 23.54 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:252 Resp: 129410

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.6	29.4
125	4.9	9.0	13.6#



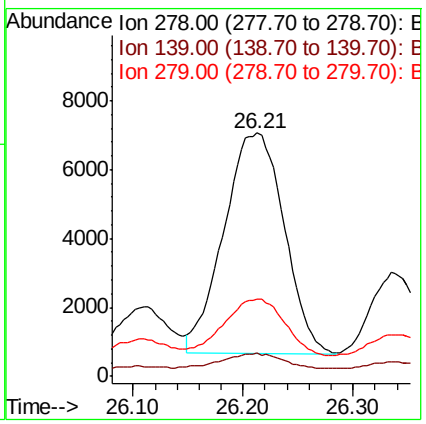


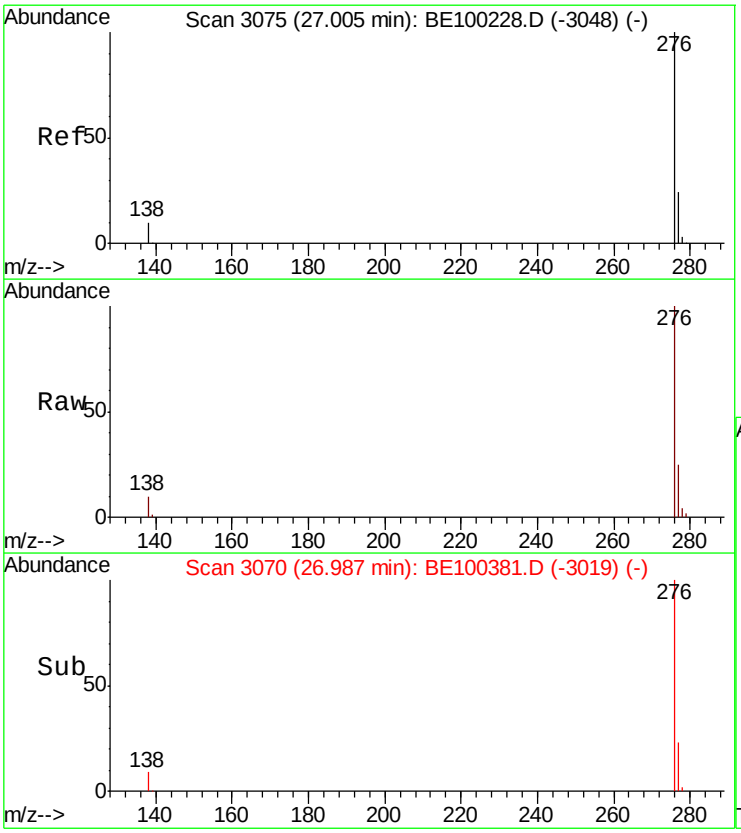
#38
Dibenzo(a,h)anthracene
Concen: 0.914 ng
RT: 26.21 min Scan# 2853
Delta R.T. -0.03 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519-1

Tgt Ion:278 Resp: 24299

Ion	Ratio	Lower	Upper
278	100		
139	9.5	8.2	12.2
279	31.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 3.605 ng
RT: 26.99 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BE100381.D
Acq: 5 Jul 2019 14:56

Tgt Ion:276 Resp: 98502

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.2
138	9.6	9.0	13.6