Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100339.D
Acq On : 3 Jul 2019 21:31
Operator : JU/SJ
Sample : K3560-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-009-B222-062419

Quant Time: Jul 04 00:37:11 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	7.63	152	649	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2208	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1910	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6069	0.40	ng		0.00
27) Chrysene-d12	21.25	240	8700	0.40	ng		0.00
34) Perylene-d12	23.66	264	9894	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	620	0.37	ng		-0.01
5) Phenol-d6	6.83	99	793	0.36	ng		-0.01
8) Nitrobenzene-d5	8.81	82	723	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1511	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	567	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	2249	0.30	ng		-0.01
25) Fluoranthene-d10	19.09	212	26571	0.30	ng		0.00
29) Terphenyl-d14	19.69	244	6240	0.35	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.45	42	39	0.083	ng	#	1
9) Naphthalene	10.48	128	2549	0.105	ng	#	93
12) 2-Methylnaphthalene	12.11	142	438	0.102	ng	#	90
16) Acenaphthylene	14.04	152	4013	0.438	ng		98
17) Acenaphthene	14.37	154	402	0.077	ng		97
18) Fluorene	15.35	166	1452	0.189	ng	#	86
23) Phenanthrene	17.09	178	42592	2.896	ng		100
24) Anthracene	17.19	178	3788	0.286	ng		97
26) Fluoranthene	19.12	202	85360	3.643	ng		98
28) Pyrene	19.48	202	106110	4.607	ng		97
30) Benzo(a)anthracene	21.22	228	61767	2.159	ng		96
31) Chrysene	21.28	228	69109	2.406	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	12354	0.248	ng		99
33) Indeno(1,2,3-cd)pyrene	26.22	276	32122	0.845	ng	#	98
35) Benzo(b)fluoranthene	22.92	252	63598	2.371	ng	#	97
36) Benzo(k)fluoranthene	22.92	252	63598	2.124	ng		98
37) Benzo(a)pyrene	23.72	252	9647	0.359	ng		93
38) Dibenzo(a,h)anthracene	26.23	278	8589	0.306	ng	#	83
39) Benzo(g,h,i)perylene	27.01	276	34142	1.184	ng		99

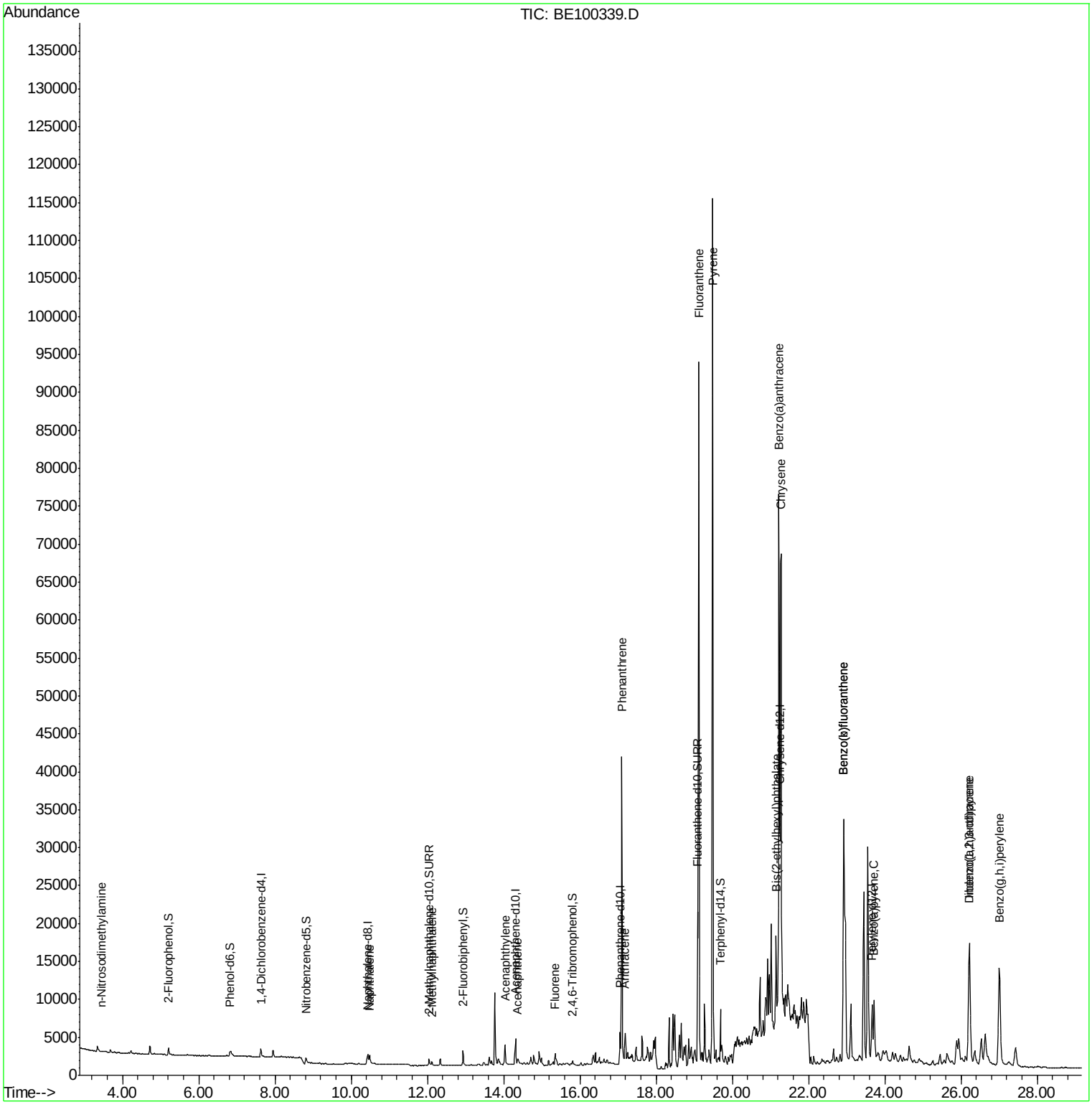
(#) = qualifier out of range (m) = manual integration (+) = signals summed

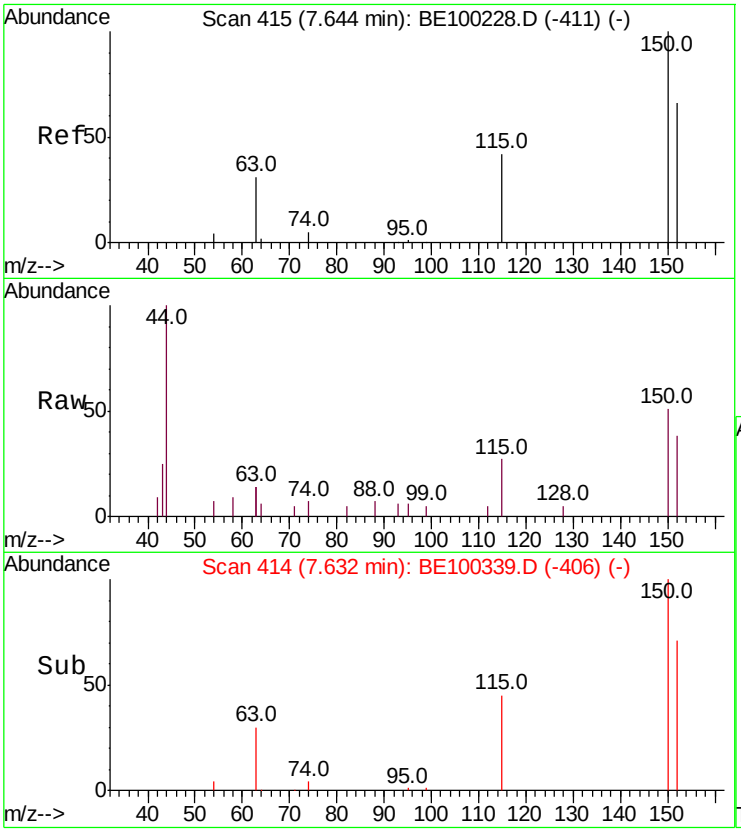
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100339.D
Acq On : 3 Jul 2019 21:31
Operator : JU/SJ
Sample : K3560-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Quant Time: Jul 04 00:37:11 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



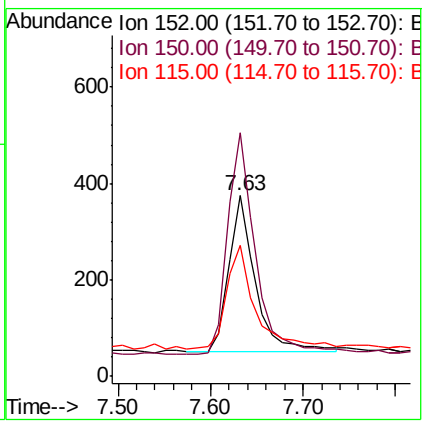


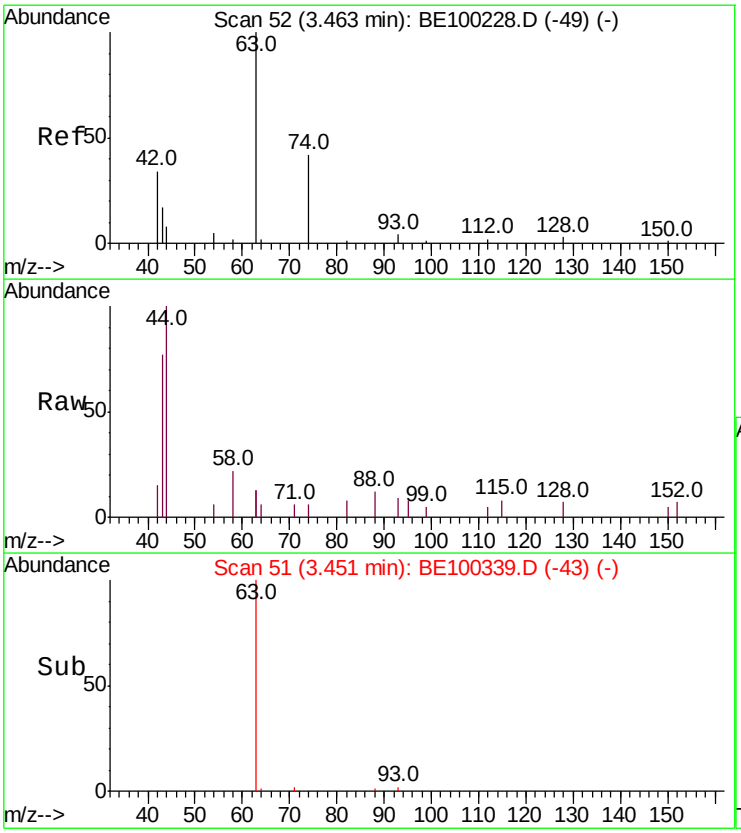
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:152 Resp: 649

Ion	Ratio	Lower	Upper
152	100		
150	134.7	114.5	171.7
115	72.5	57.1	85.7

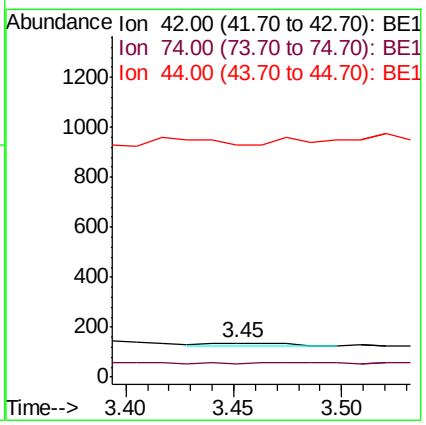


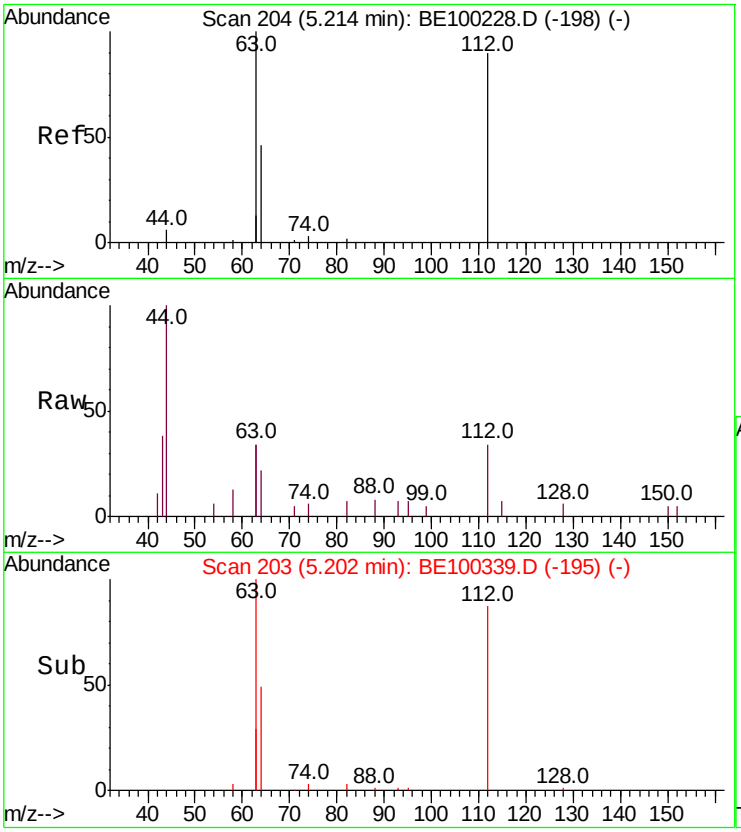


#3
n-Nitrosodimethylamine
Concen: 0.083 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion: 42 Resp: 39

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



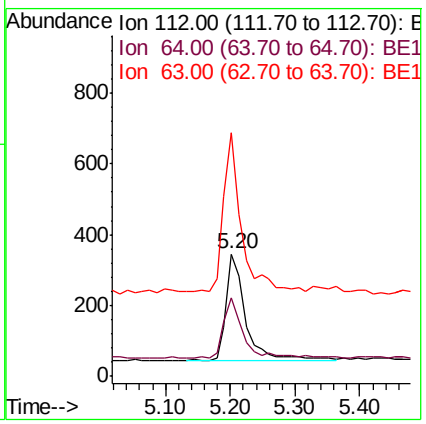


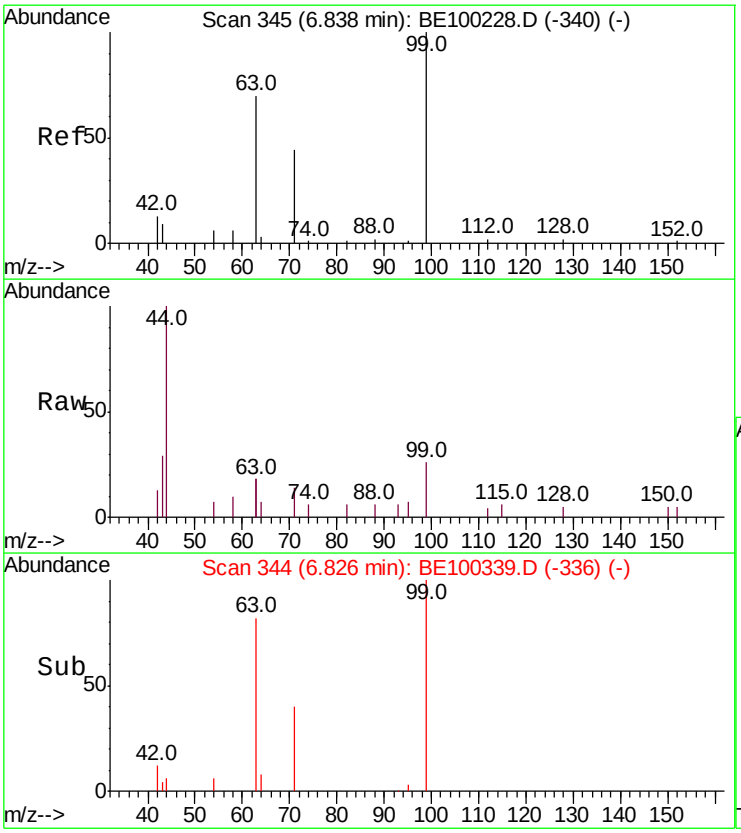
#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:112 Resp: 620

Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.4	59.0
63	135.3	104.5	156.7

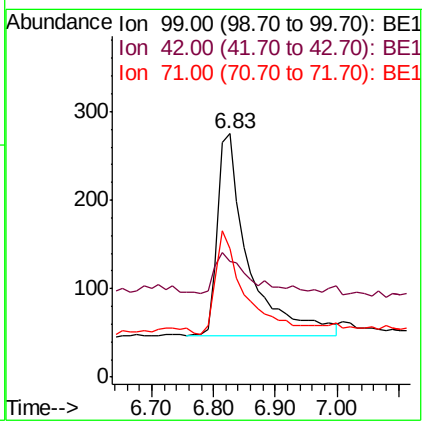


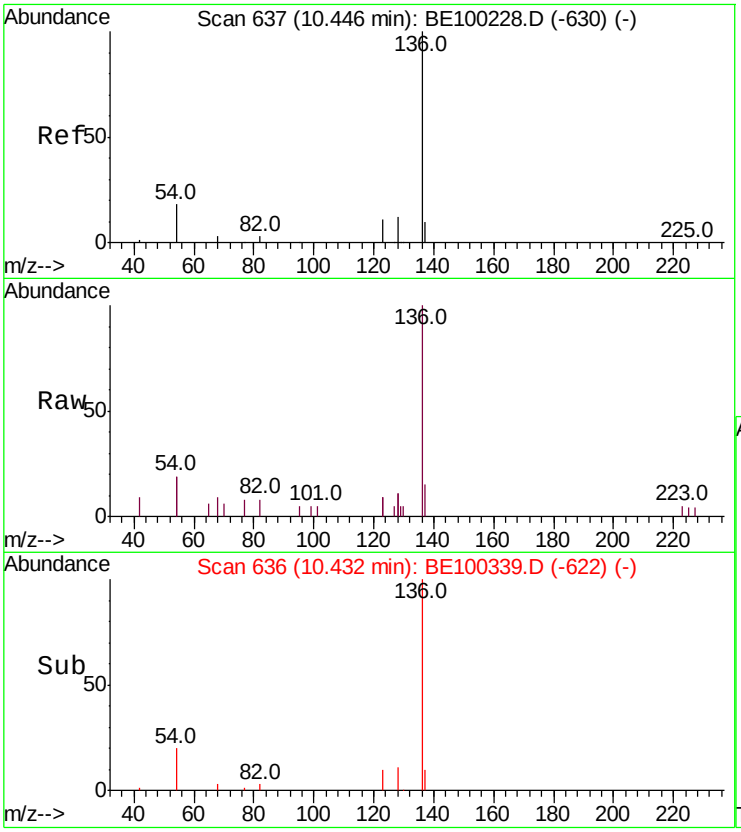


#5
Phenol-d6
Concen: 0.364 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion: 99 Resp: 793

Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.2	16.8#
71	48.4	37.2	55.8



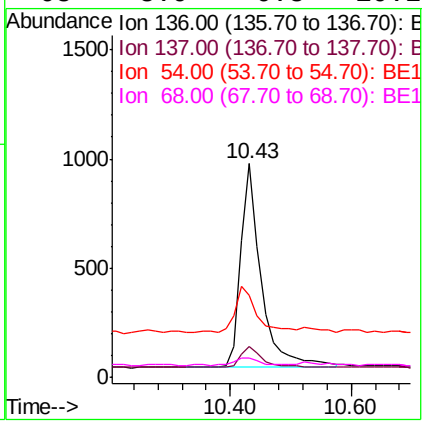


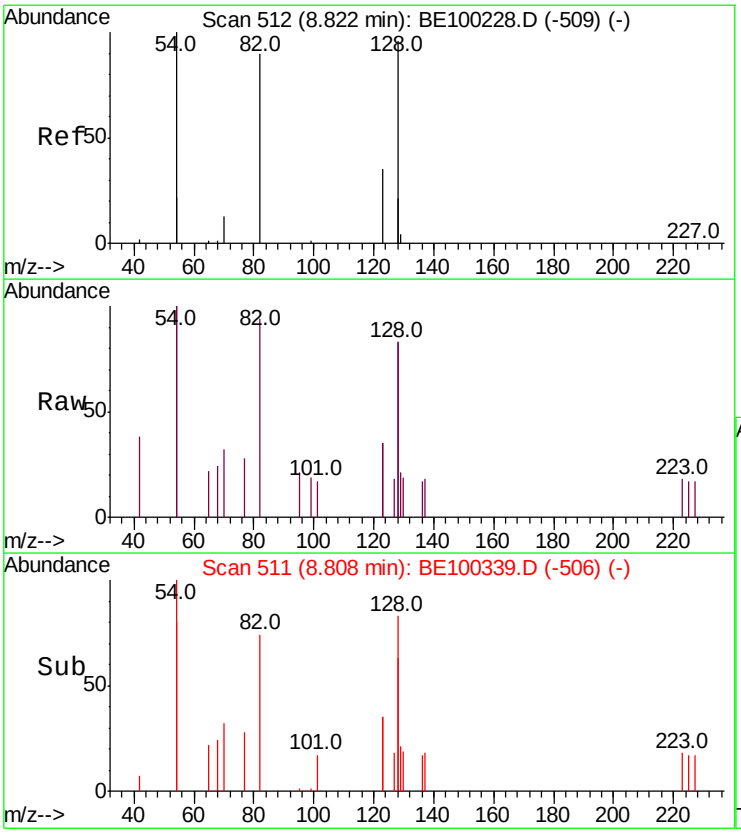
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:136 Resp: 2208

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.8	17.8
54	38.2	27.7	41.5
68	8.9	6.8	10.2

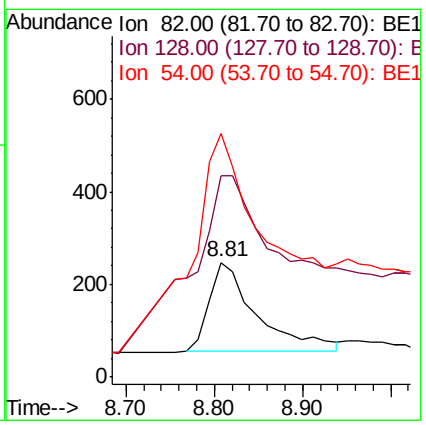


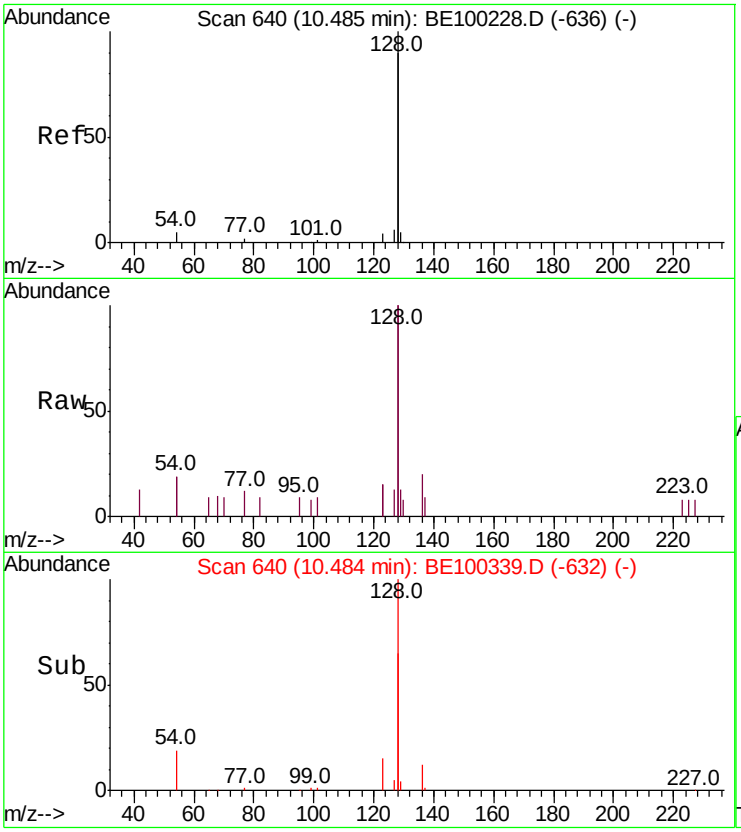


#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion: 82 Resp: 723

Ion	Ratio	Lower	Upper
82	100		
128	175.7	140.9	211.3
54	213.0	146.2	219.2



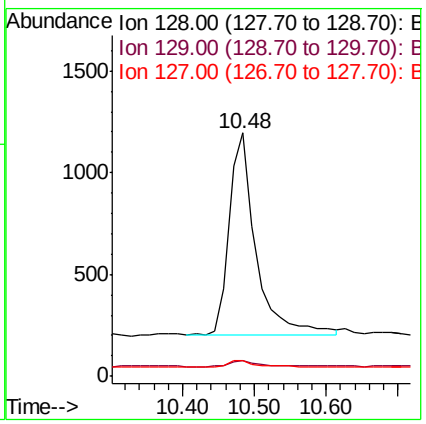


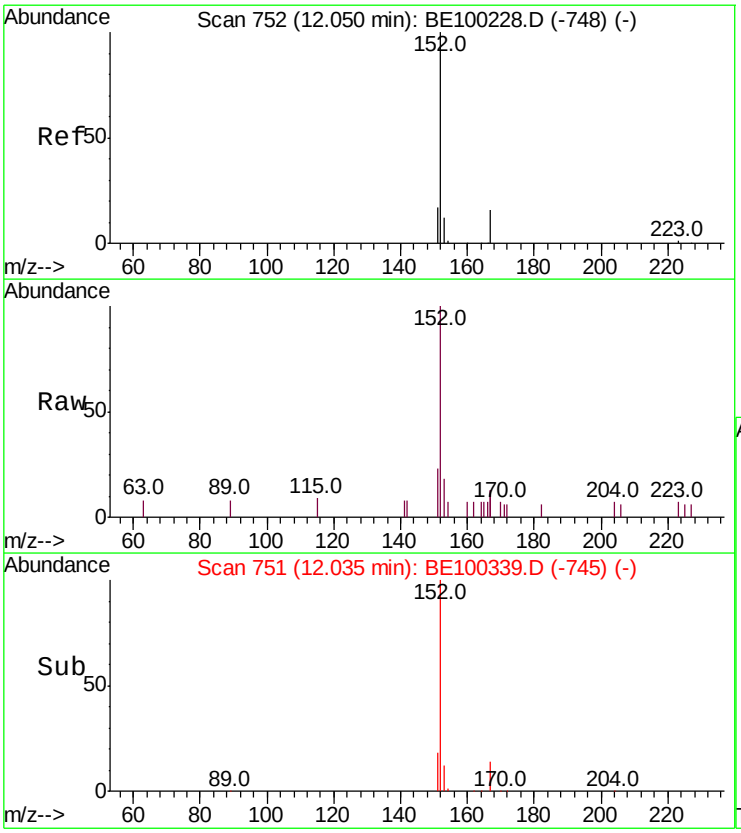
#9
Naphthalene
Concen: 0.105 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:128 Resp: 2549

Ion	Ratio	Lower	Upper
128	100		
129	6.5	3.0	4.6#
127	6.6	3.5	5.3#

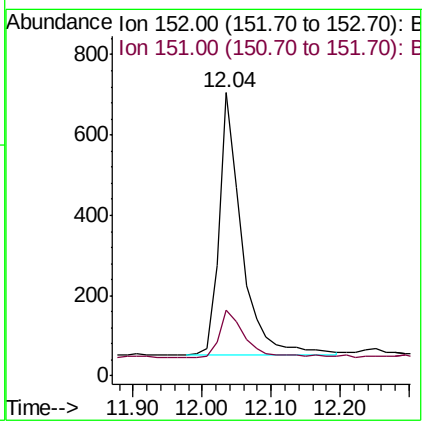


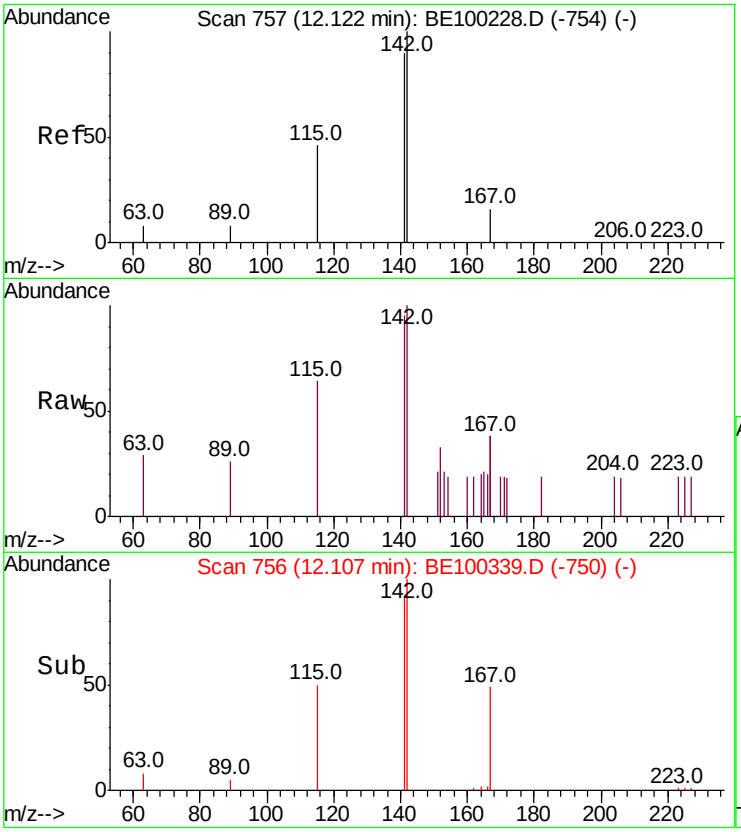


#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:152 Resp: 1511

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.1	22.7



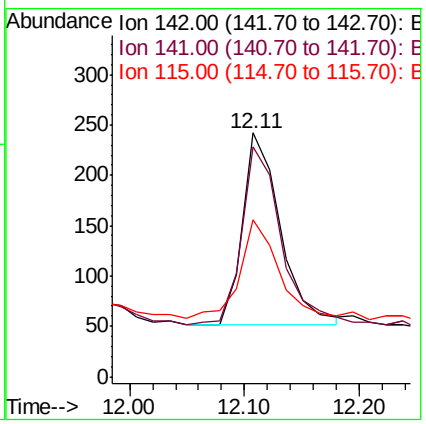


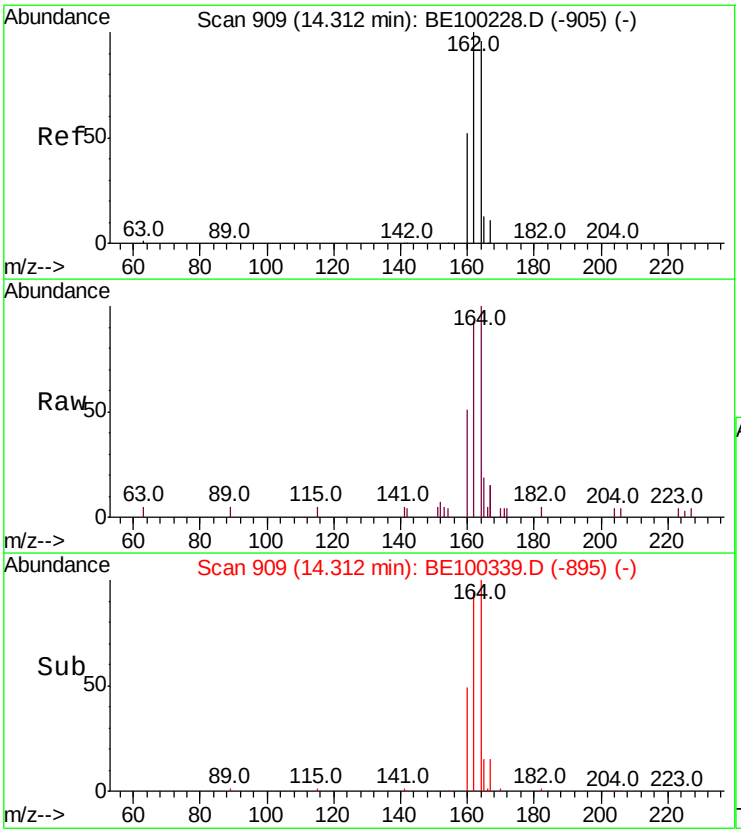
#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:142 Resp: 438

Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.4	108.6
115	64.5	40.4	60.6#

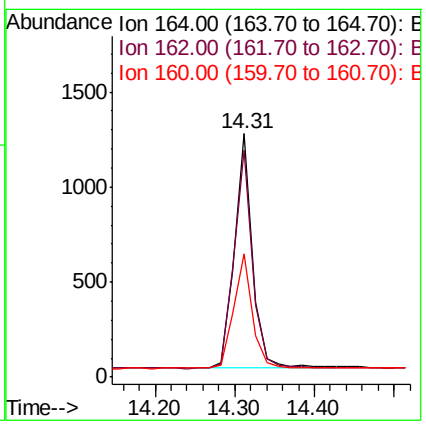


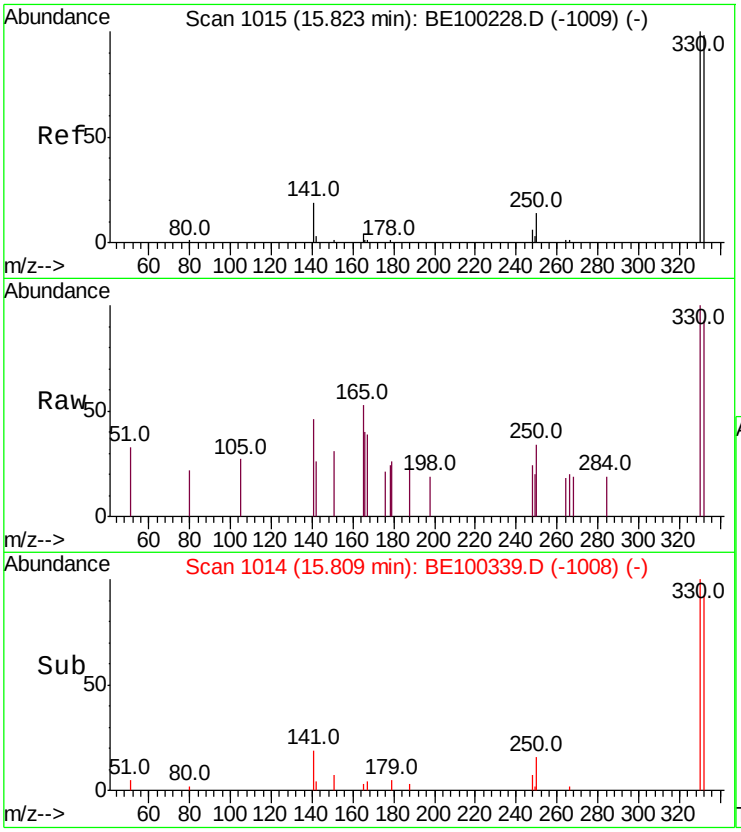


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:164 Resp: 1910

Ion	Ratio	Lower	Upper
164	100		
162	93.4	83.4	125.0
160	50.7	45.0	67.6



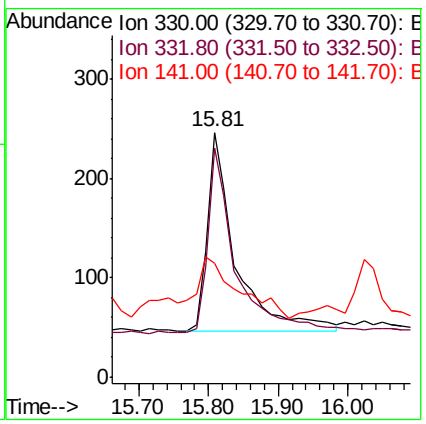


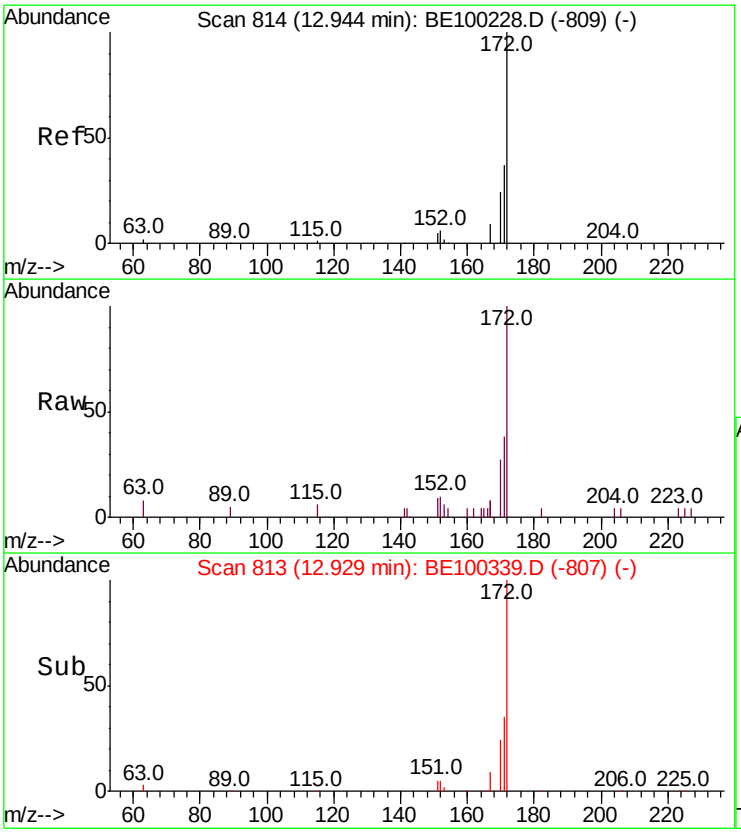
#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:330 Resp: 567

Ion	Ratio	Lower	Upper
330	100		
332	91.7	77.0	115.4
141	45.3	22.0	33.0#

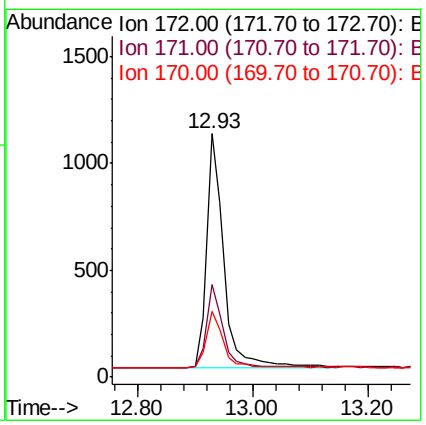


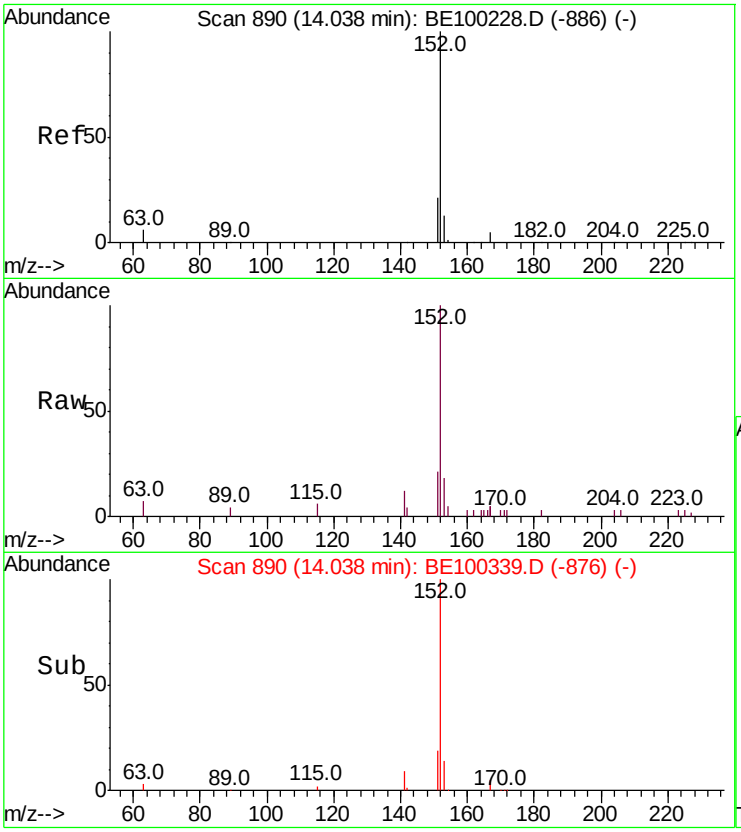


#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:172 Resp: 2249

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.9	47.9
170	27.2	22.2	33.2



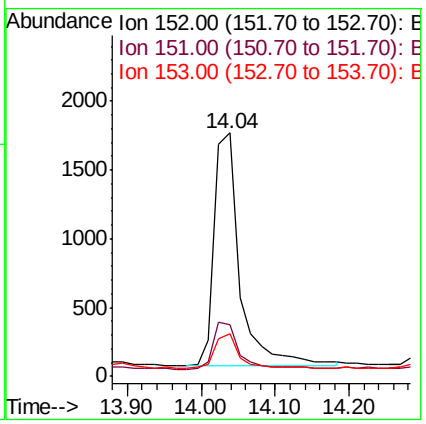


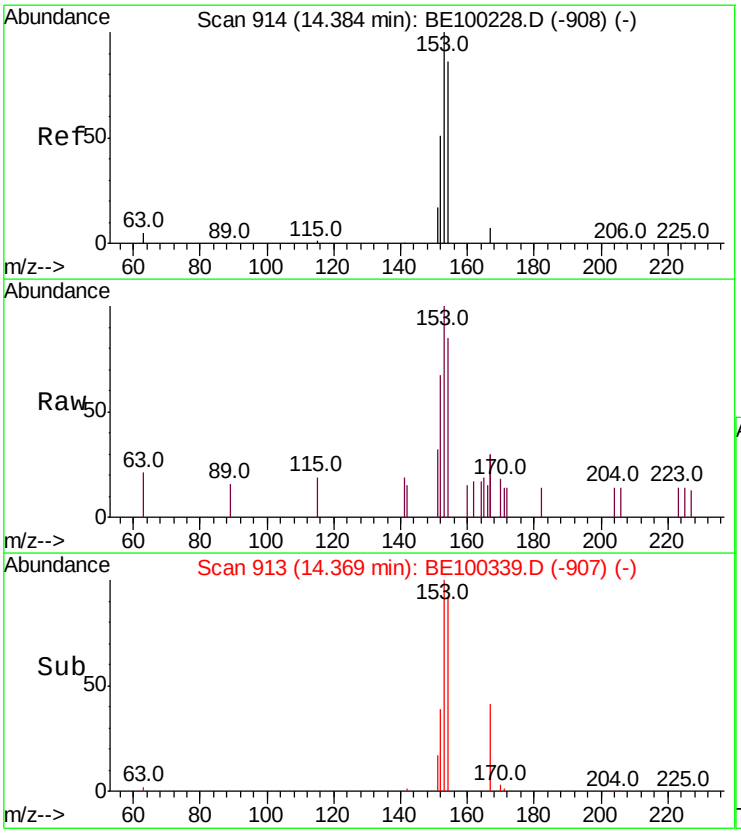
#16
Acenaphthylene
Concen: 0.438 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:152 Resp: 4013

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	14.7	10.5	15.7

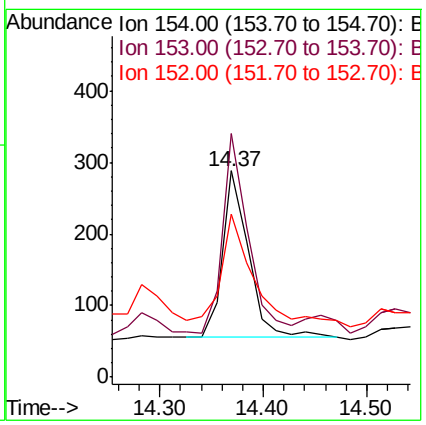


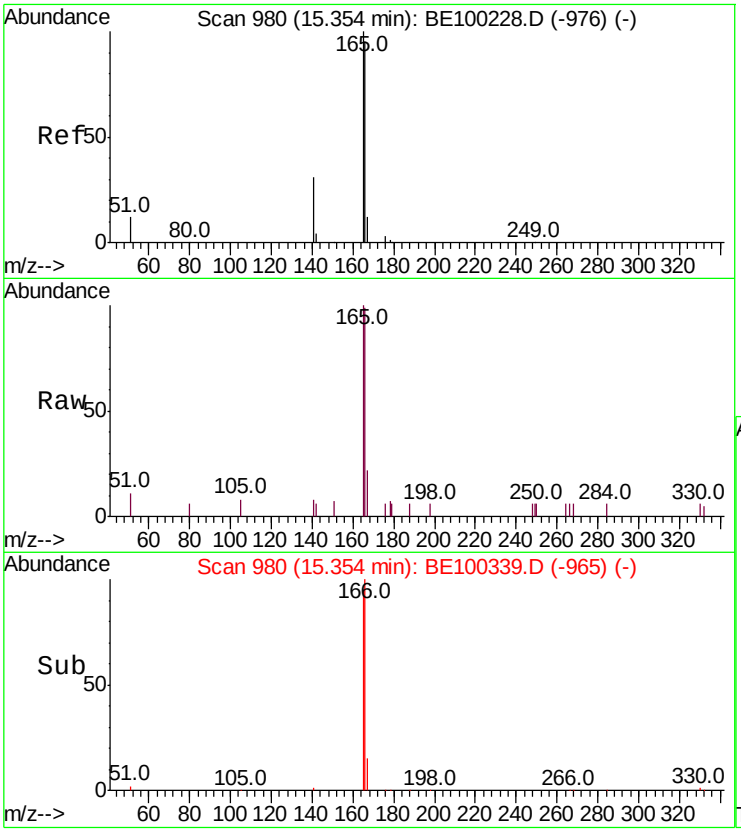


#17
Acenaphthene
Concen: 0.077 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:154 Resp: 402

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.4	140.2
152	68.7	49.4	74.2



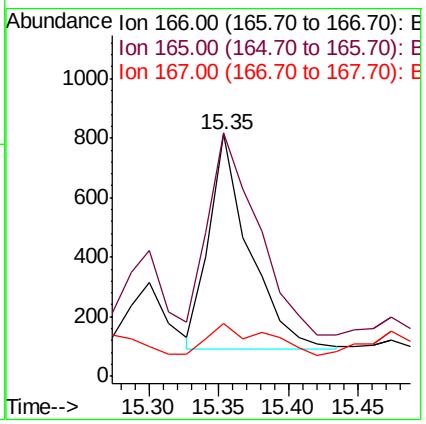


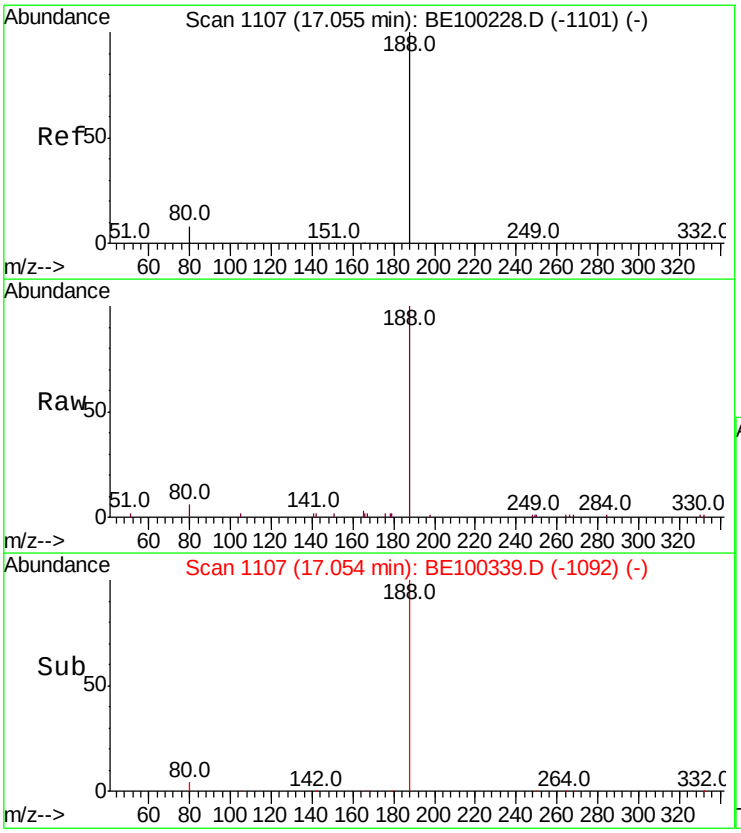
#18
Fluorene
Concen: 0.189 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:166 Resp: 1452

Ion	Ratio	Lower	Upper
166	100		
165	115.4	81.1	121.7
167	20.9	10.7	16.1#

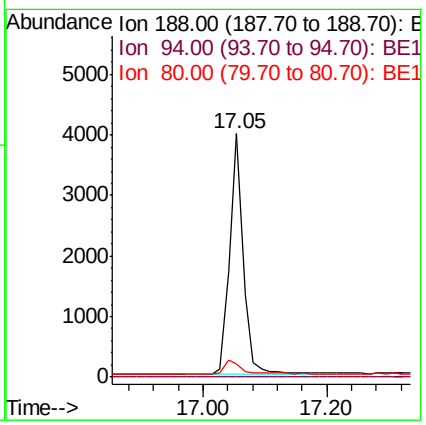


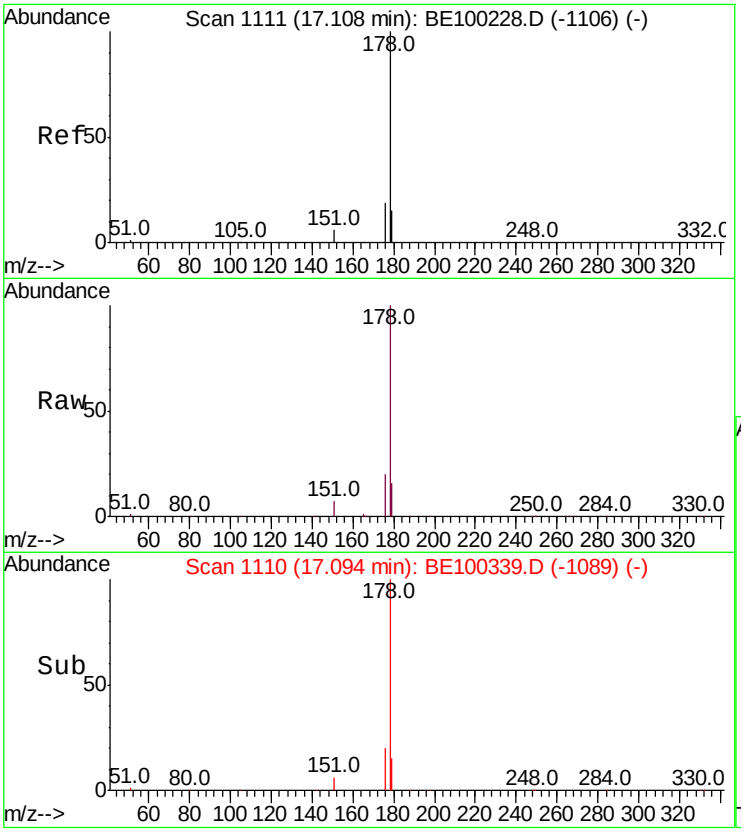


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:188 Resp: 6069

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	7.6	11.4#



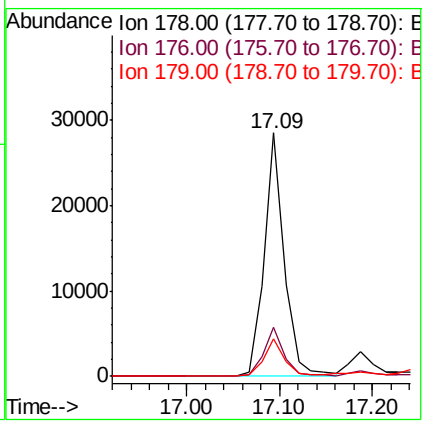


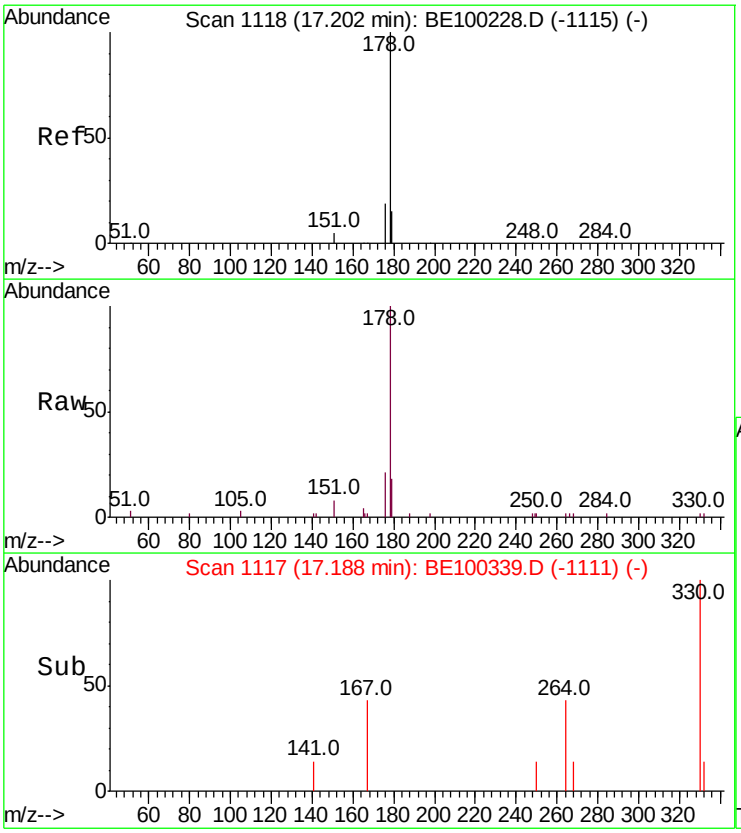
#23
Phenanthrene
Concen: 2.896 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:178 Resp: 42592

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.3	12.2	18.2

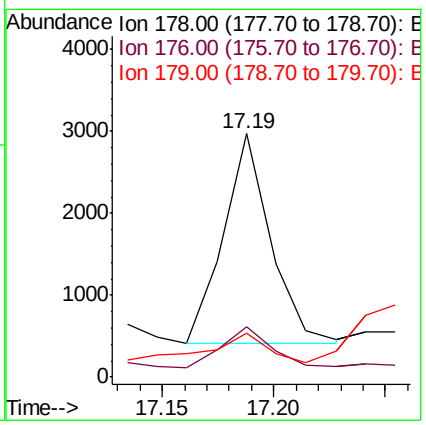


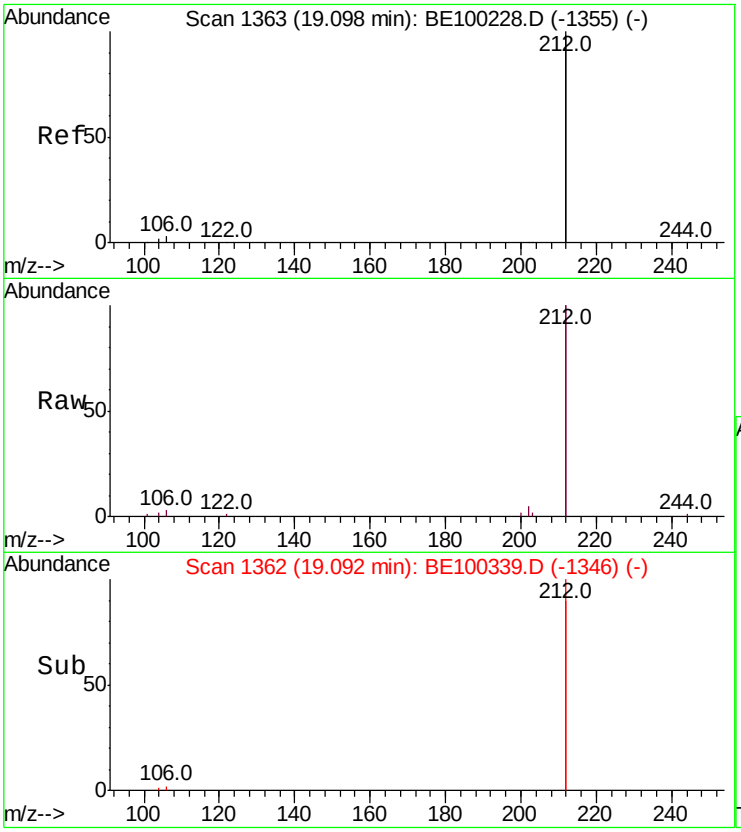


#24
Anthracene
Concen: 0.286 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:178 Resp: 3788

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.3	22.9
179	15.7	12.2	18.2



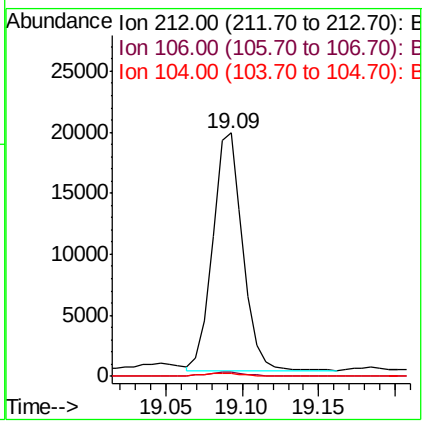


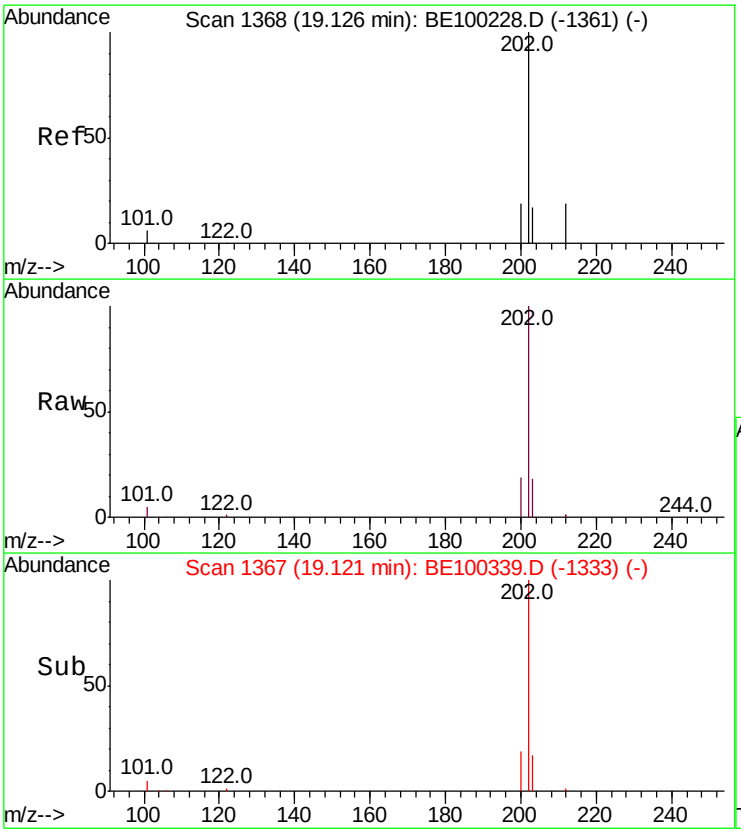
#25
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:212 Resp: 26571

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

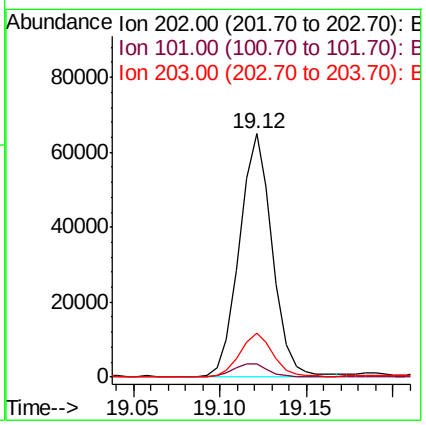


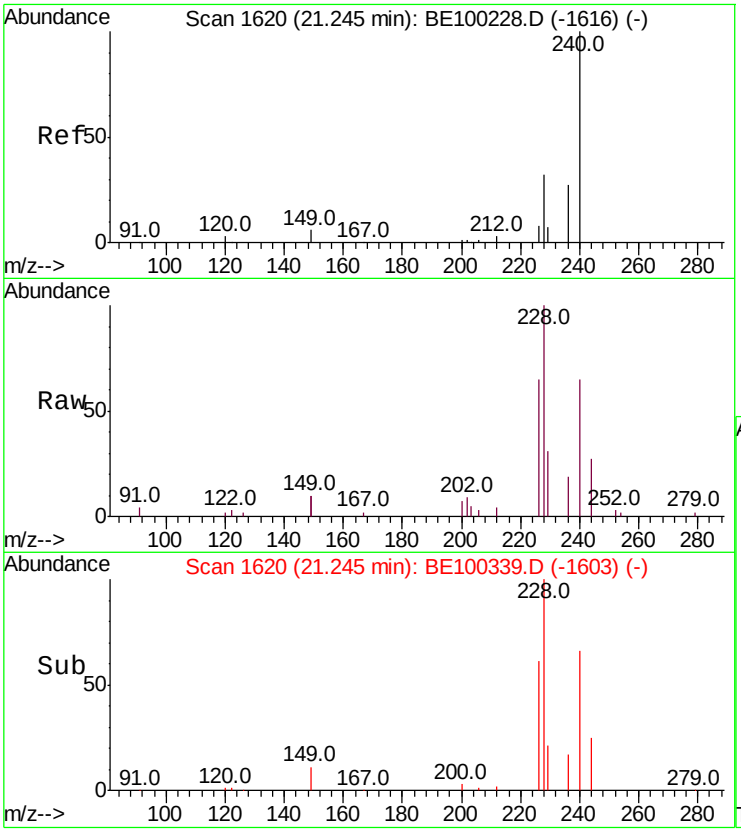


#26
Fluoranthene
Concen: 3.643 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:202 Resp: 85360

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.9	13.7	20.5



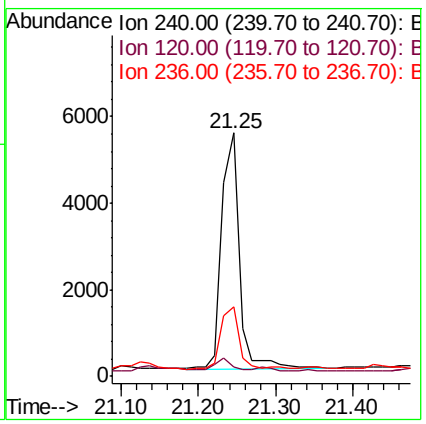


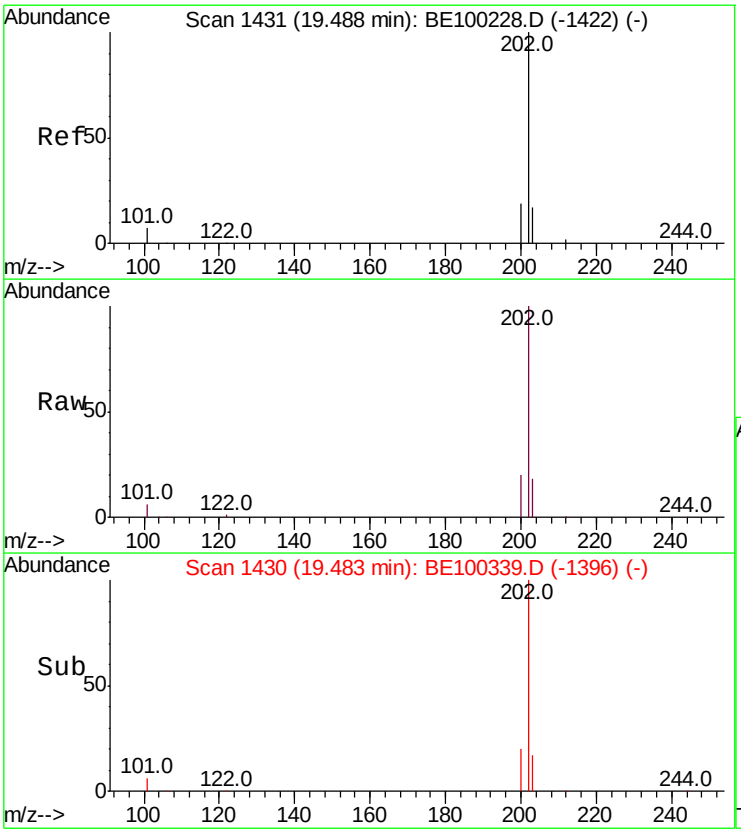
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:240 Resp: 8700

Ion	Ratio	Lower	Upper
240	100		
120	3.7	3.3	4.9
236	28.8	22.6	34.0

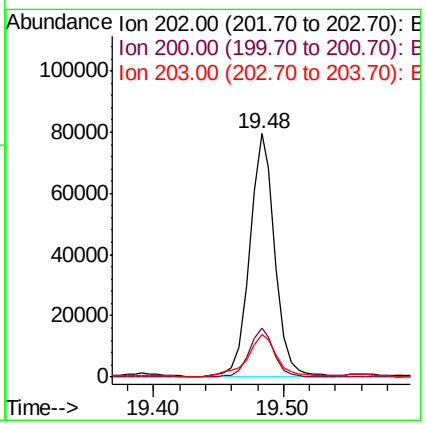


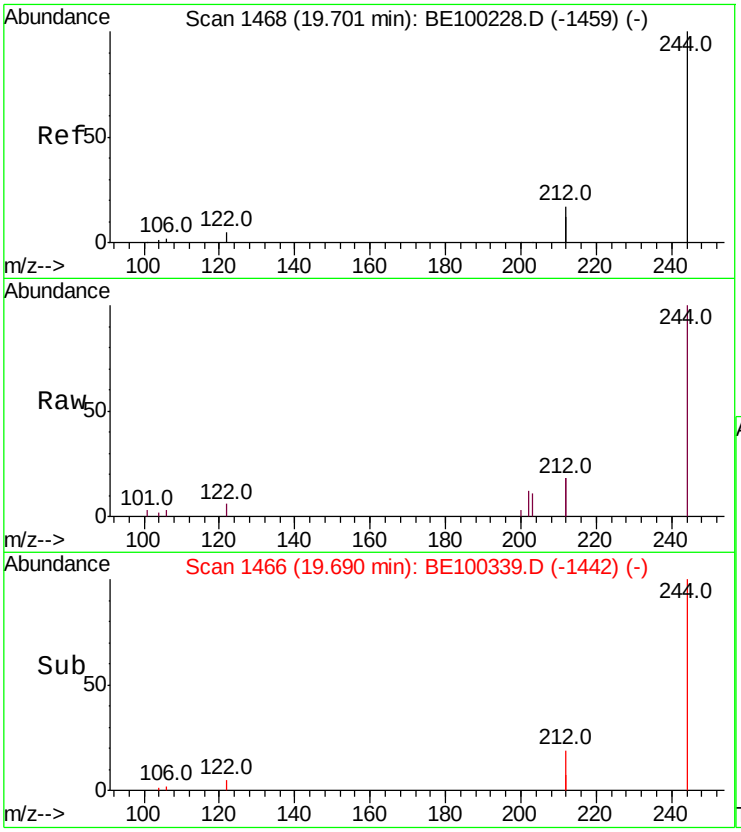


#28
Pyrene
Concen: 4.607 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:202 Resp: 106110

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	20.2	14.0	21.0



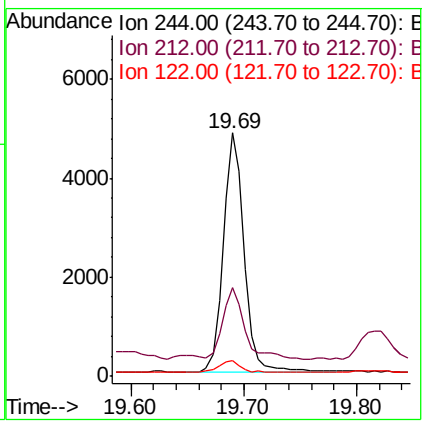


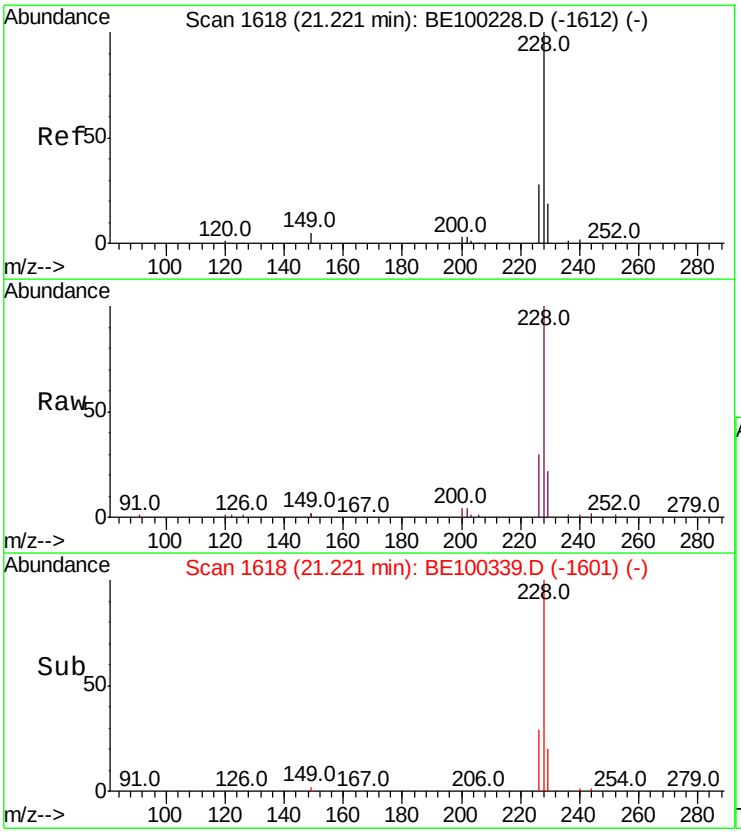
#29
Terphenyl-d14
Concen: 0.346 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:244 Resp: 6240

Ion	Ratio	Lower	Upper
244	100		
212	36.6	27.3	40.9
122	6.4	4.7	7.1

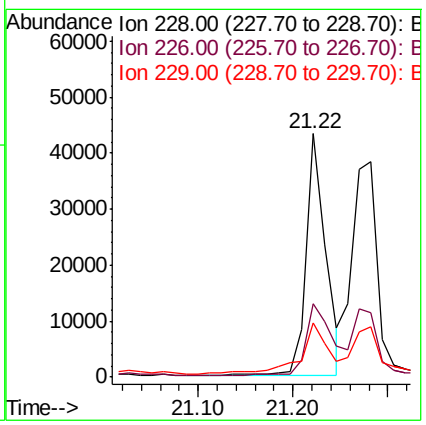


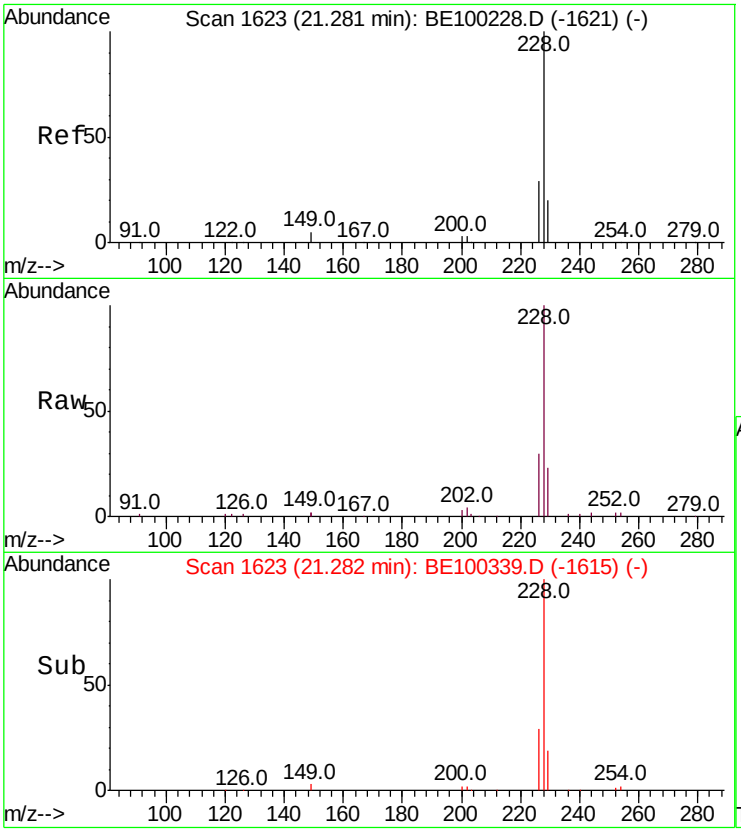


#30
Benzo(a)anthracene
Concen: 2.159 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:228 Resp: 61767

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.2	34.8
229	22.1	15.7	23.5



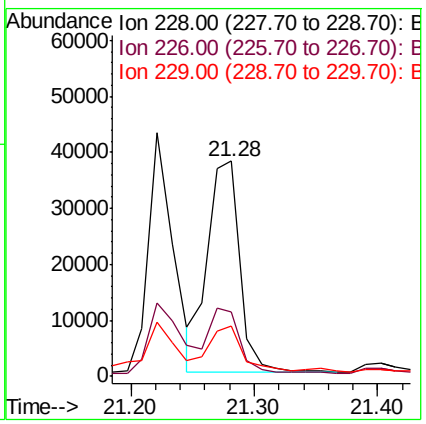


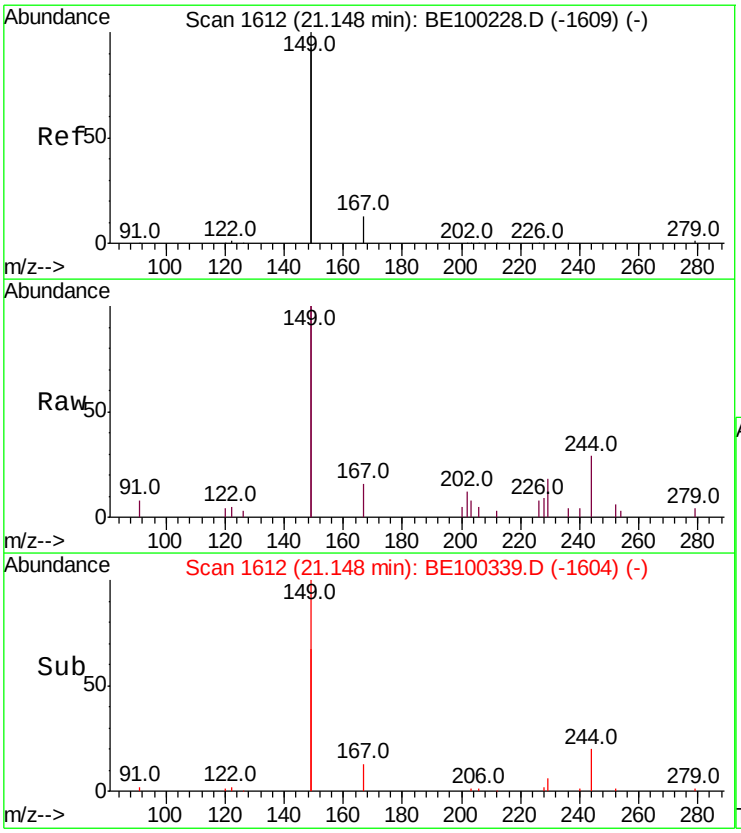
#31
Chrysene
Concen: 2.406 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:228 Resp: 69109

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	23.4	16.5	24.7

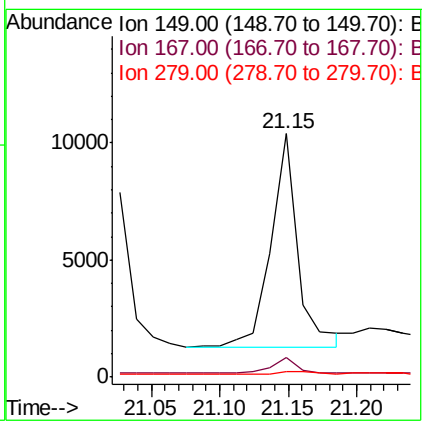


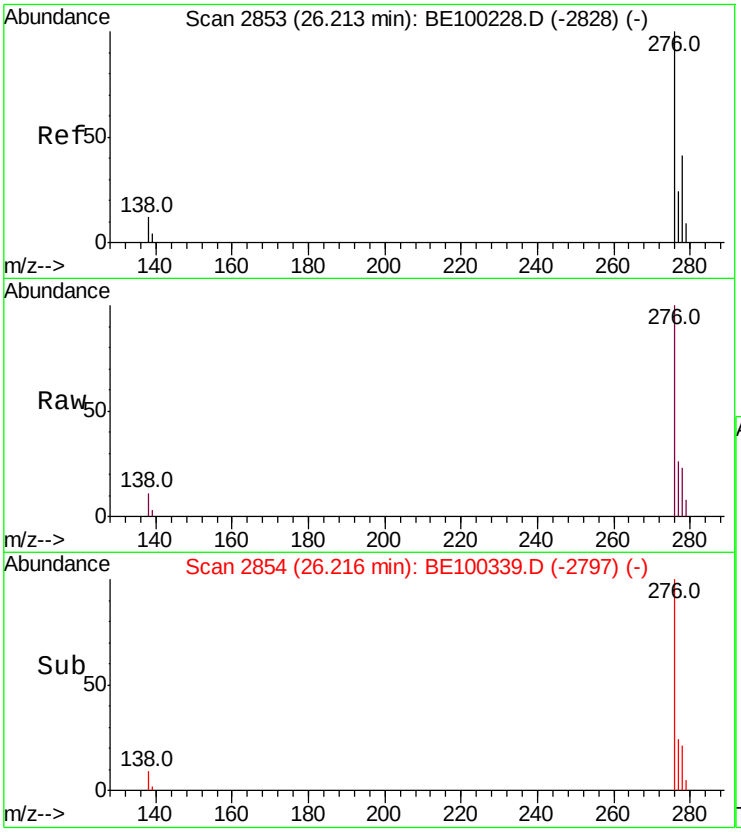


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.248 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:149 Resp: 12354

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.8	8.8
279	1.7	1.1	1.7



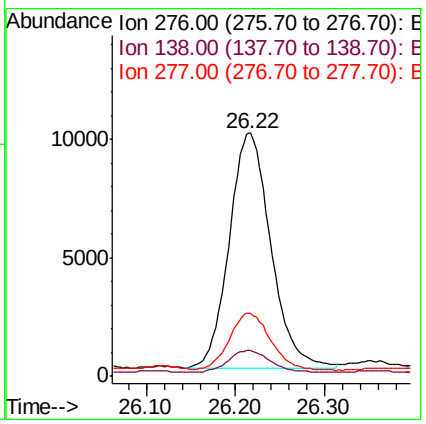


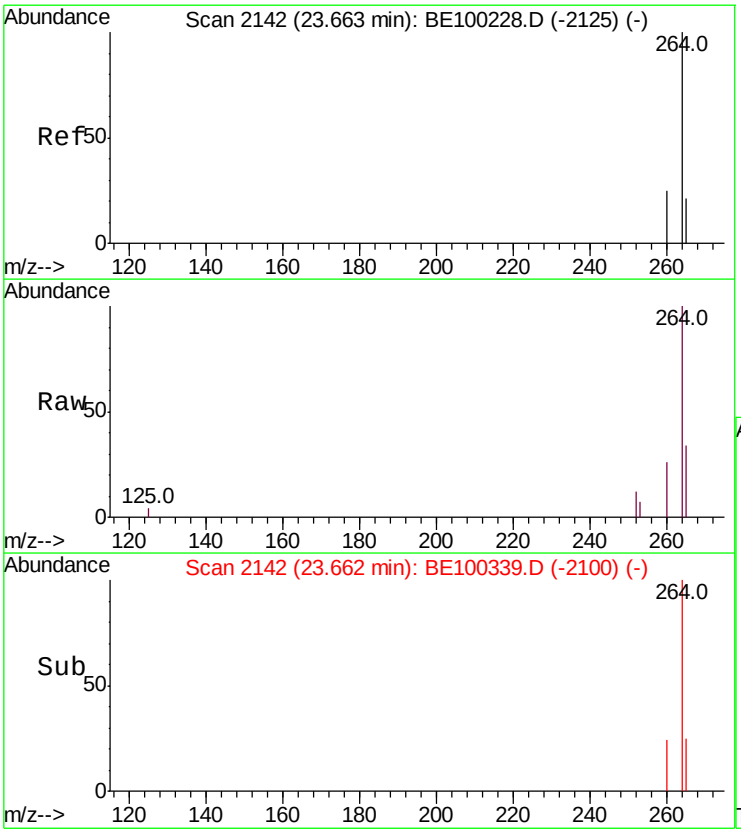
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.845 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:276 Resp: 32122

Ion	Ratio	Lower	Upper
276	100		
138	9.3	9.4	14.0#
277	24.1	19.2	28.8

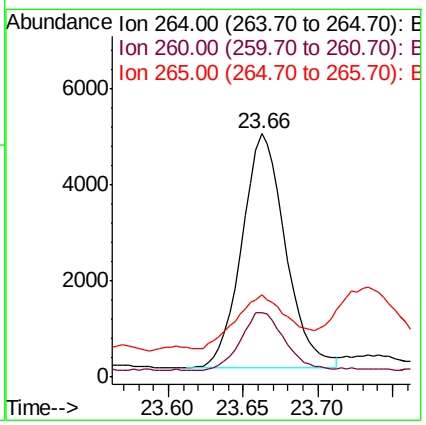


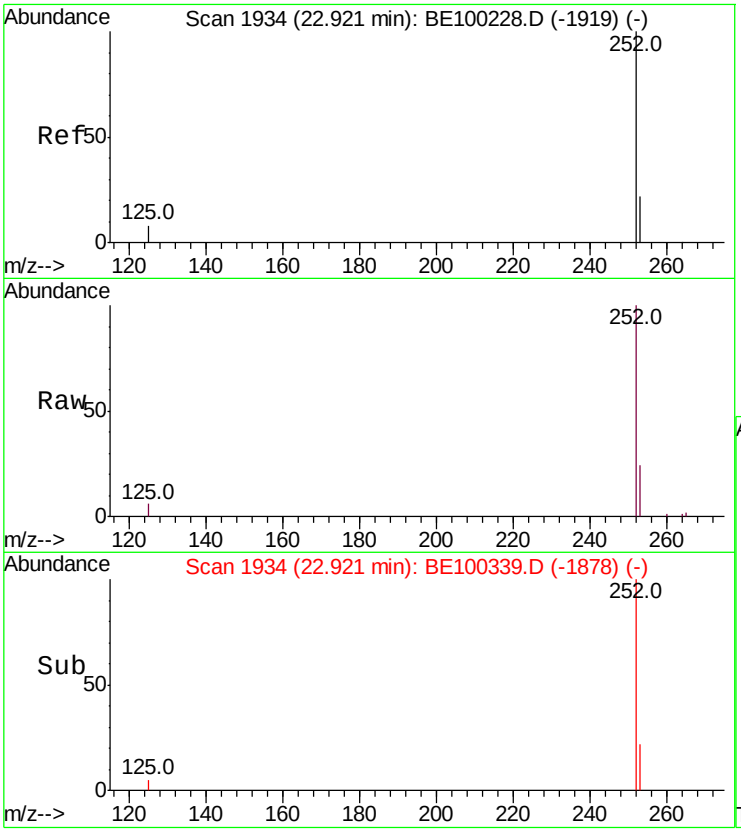


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:264 Resp: 9894

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.8	31.2
265	33.7	21.8	32.6#



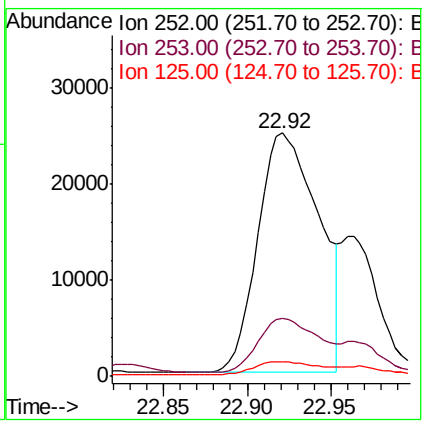


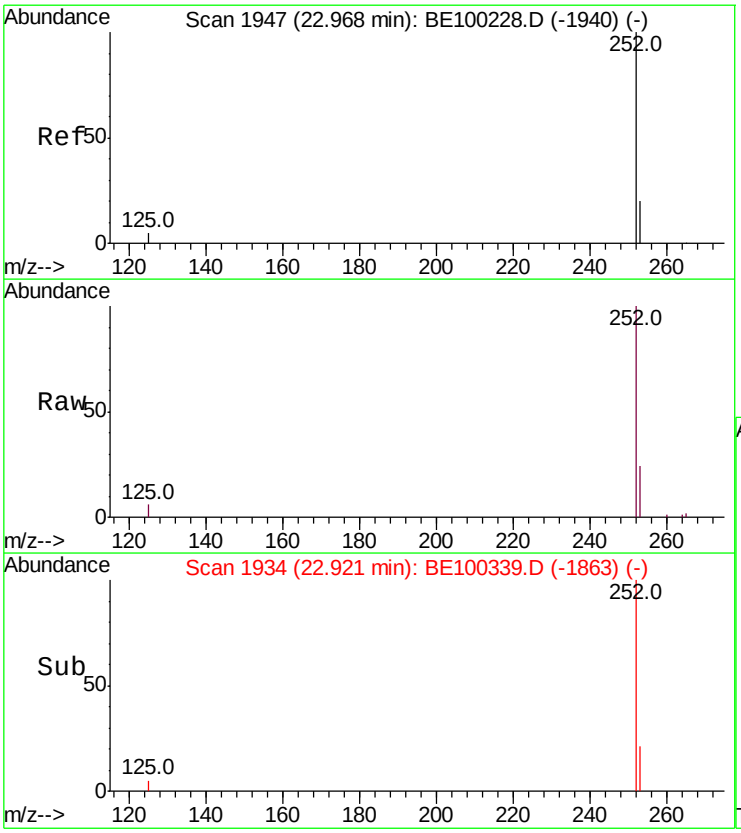
#35
Benzo(b)fluoranthene
Concen: 2.371 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:252 Resp: 63598

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	6.2	7.4	11.0#

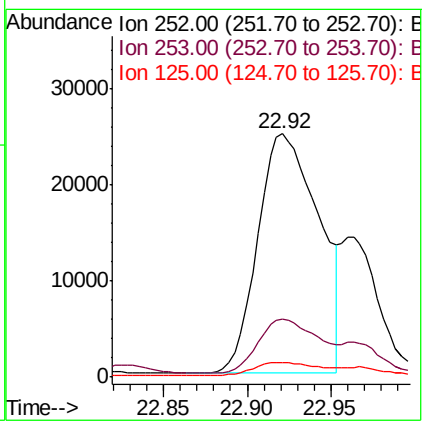


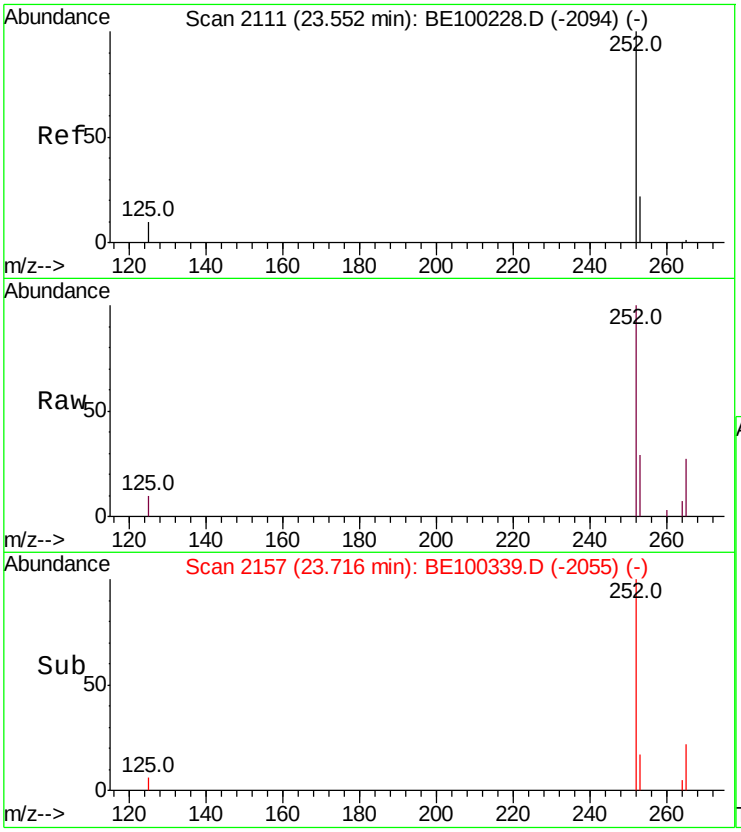


#36
Benzo(k)fluoranthene
Concen: 2.124 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.05 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:252 Resp: 63598

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	6.2	5.0	7.4



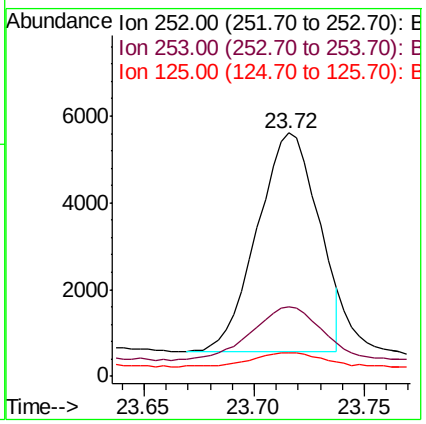


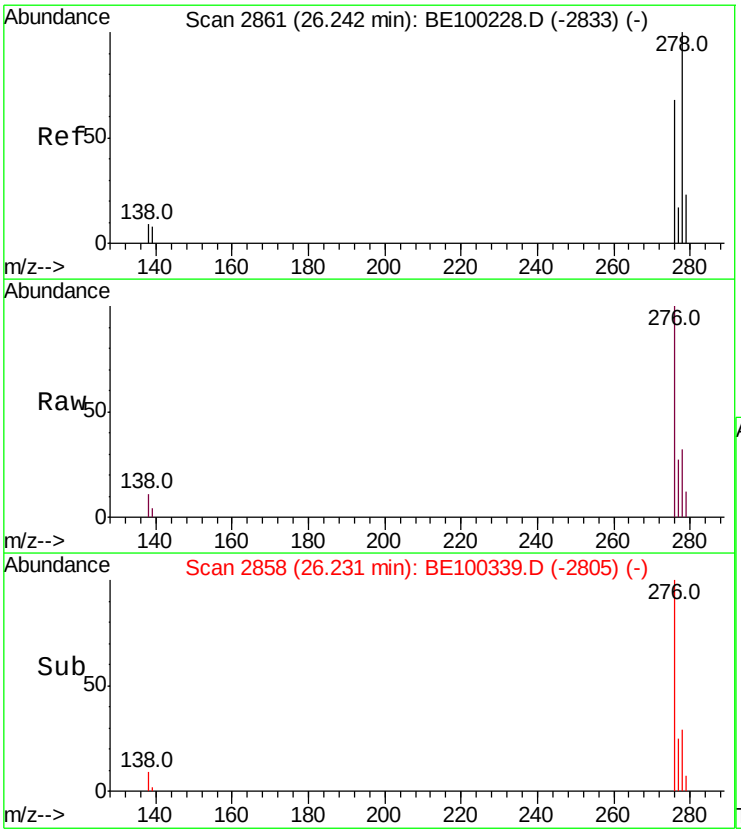
#37
Benzo(a)pyrene
Concen: 0.359 ng
RT: 23.72 min Scan# 2157
Delta R.T. 0.16 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:252 Resp: 9647

Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.6	29.4
125	9.9	9.0	13.6

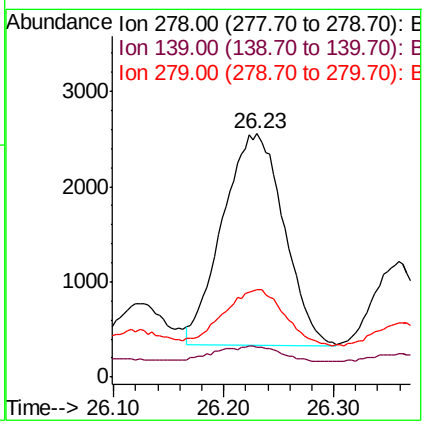


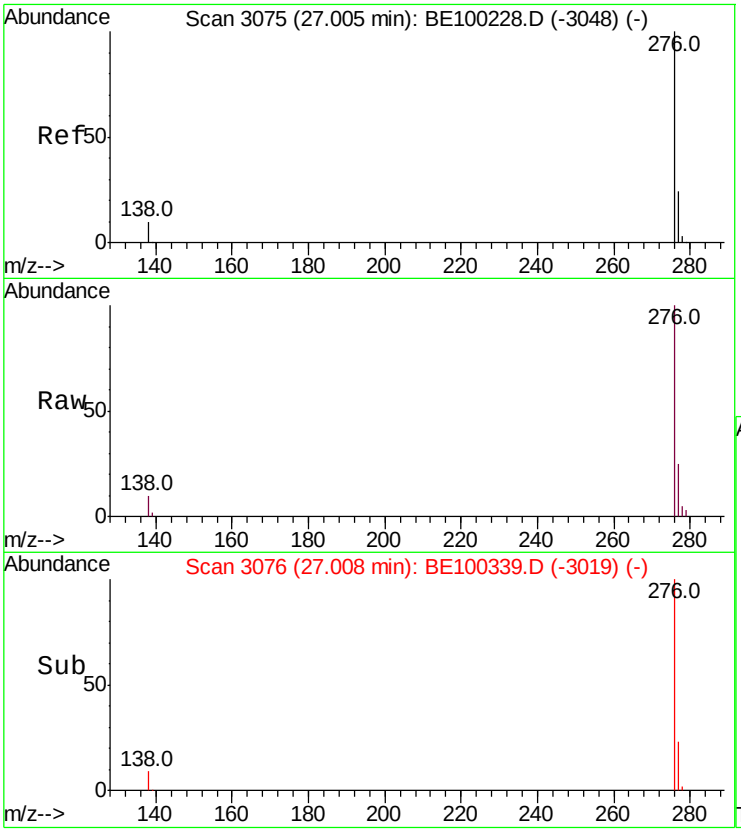


#38
Dibenzo(a,h)anthracene
Concen: 0.306 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Tgt Ion:278 Resp: 8589

Ion	Ratio	Lower	Upper
278	100		
139	12.3	8.2	12.2#
279	36.1	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.184 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BE100339.D
Acq: 3 Jul 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-009-B222-062419

Tgt Ion:276 Resp: 34142

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.2
138	10.1	9.0	13.6