Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100312.D
Acq On : 2 Jul 2019 21:05
Operator : JU/SJ
Sample : K3505-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-013-SW106-062019

Quant Time: Jul 03 02:14:17 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	7.64	152	1090	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3673	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2901	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	8051	0.40	ng		0.00
27) Chrysene-d12	21.24	240	10520	0.40	ng		0.00
34) Perylene-d12	23.68	264	12530	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	777	0.28	ng		0.01
5) Phenol-d6	6.83	99	1099	0.30	ng		-0.01
8) Nitrobenzene-d5	8.81	82	949	0.26	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1933	0.28	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	688	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	2936	0.26	ng		-0.01
25) Fluoranthene-d10	19.10	212	29121	0.25	ng		0.00
29) Terphenyl-d14	19.70	244	6308	0.29	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	17.09	178	47695	2.444	ng		99
26) Fluoranthene	19.13	202	144786	4.658	ng		99
28) Pyrene	19.49	202	141764	5.090	ng		96
30) Benzo(a)anthracene	21.23	228	115009	3.325	ng		97
31) Chrysene	21.28	228	102391	2.948	ng		97
35) Benzo(b)fluoranthene	22.93	252	127448	3.752	ng	#	96
36) Benzo(k)fluoranthene	22.93	252	127448	3.361	ng		98

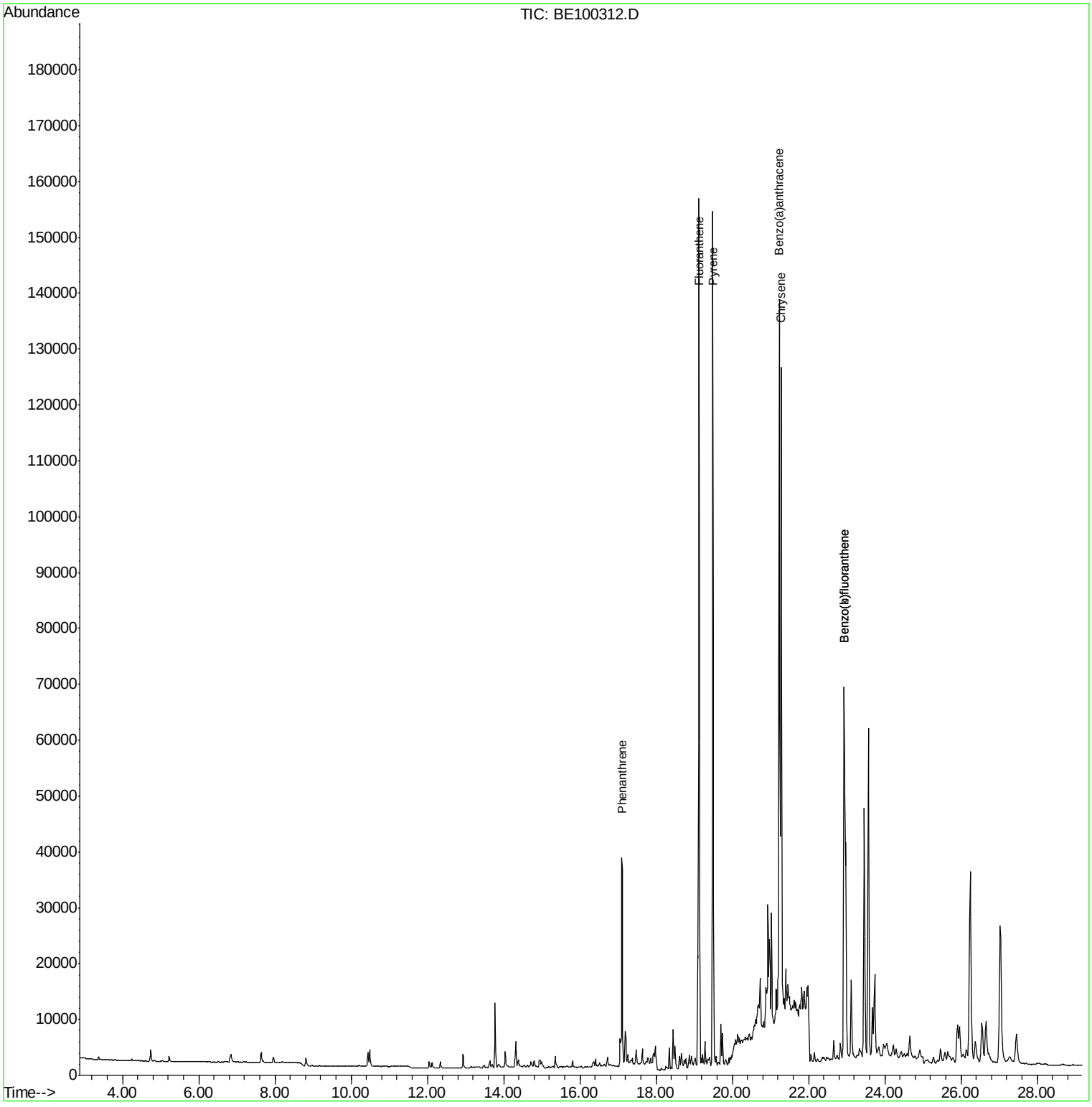
(#) = qualifier out of range (m) = manual integration (+) = signals summed

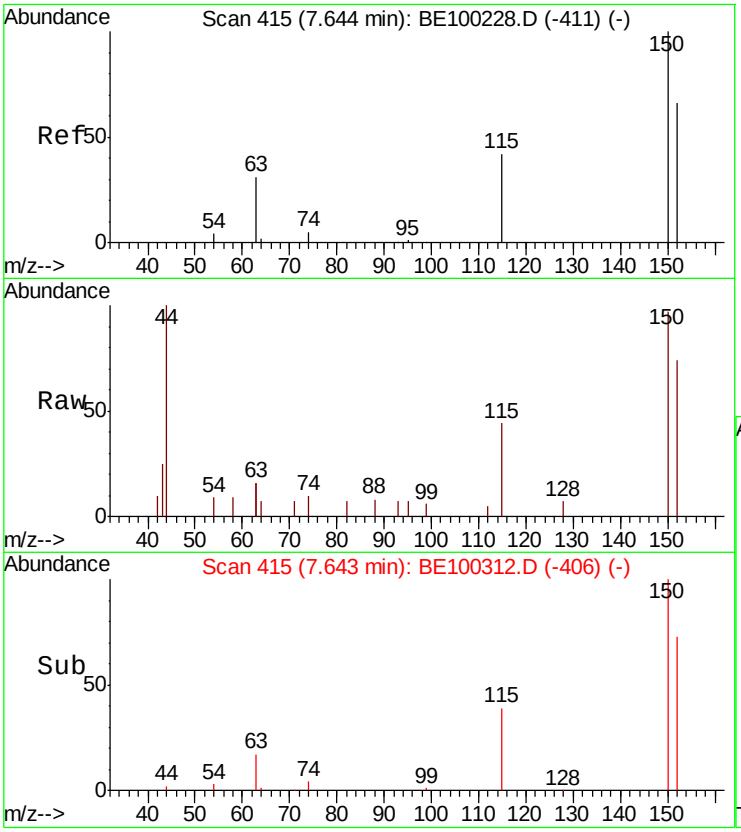
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100312.D
Acq On : 2 Jul 2019 21:05
Operator : JU/SJ
Sample : K3505-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Quant Time: Jul 03 02:14:17 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



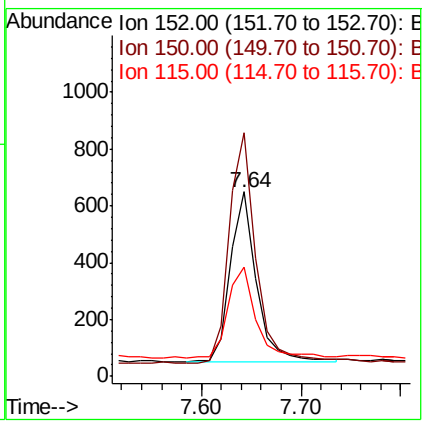


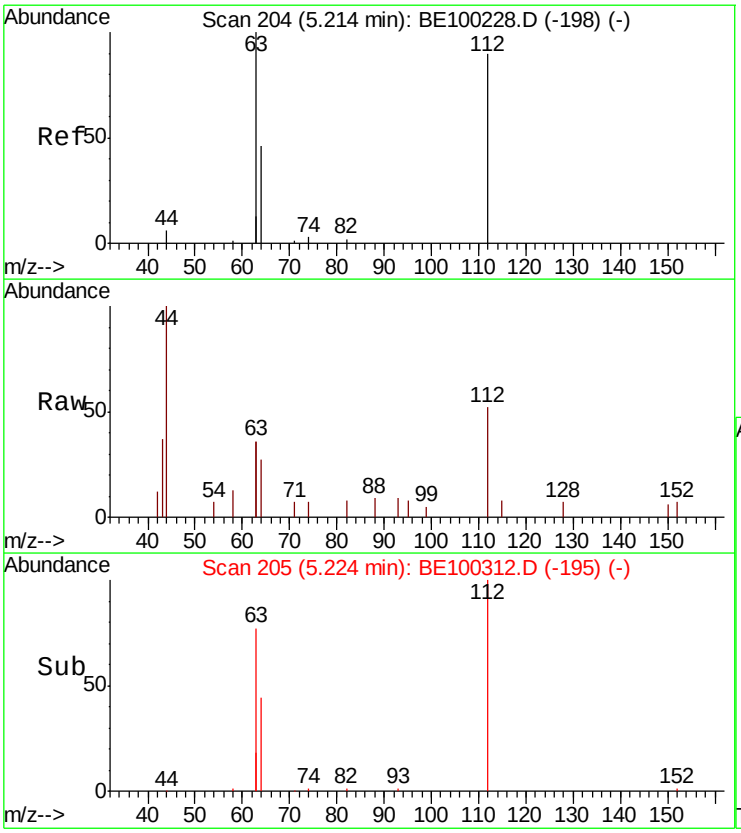
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:152 Resp: 1090

Ion	Ratio	Lower	Upper
152	100		
150	132.0	114.5	171.7
115	59.5	57.1	85.7

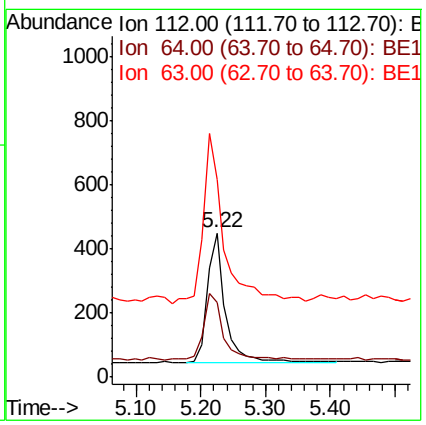


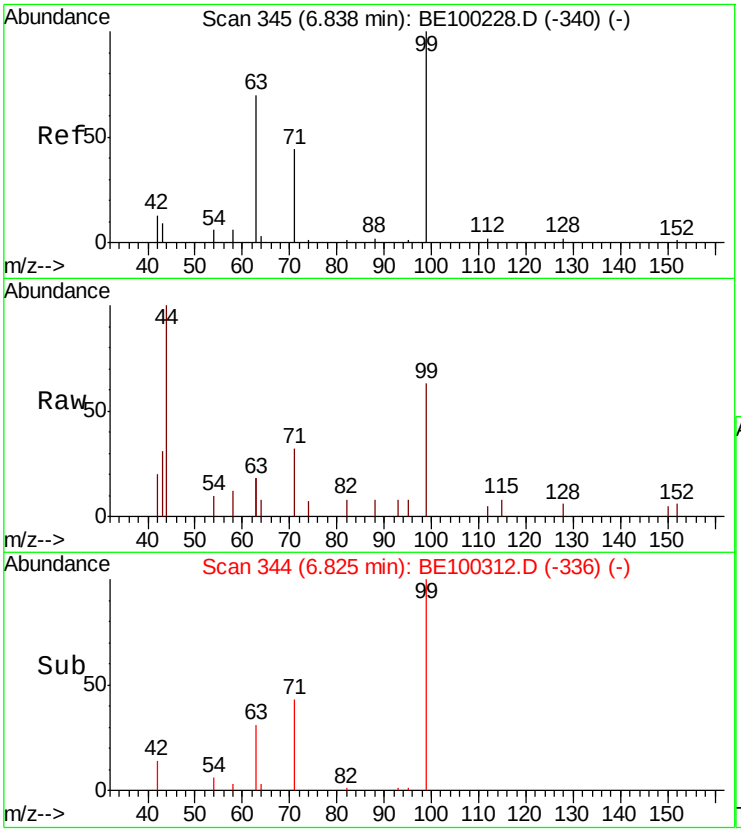


#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:112 Resp: 777

Ion	Ratio	Lower	Upper
112	100		
64	55.1	39.4	59.0
63	154.6	104.5	156.7



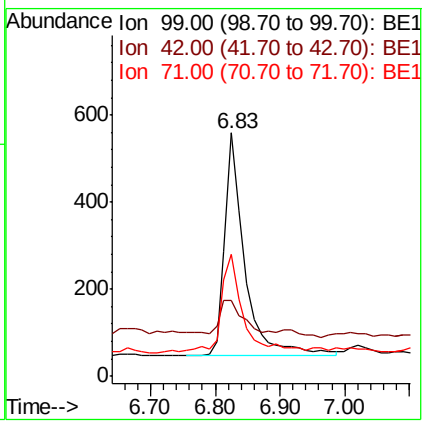


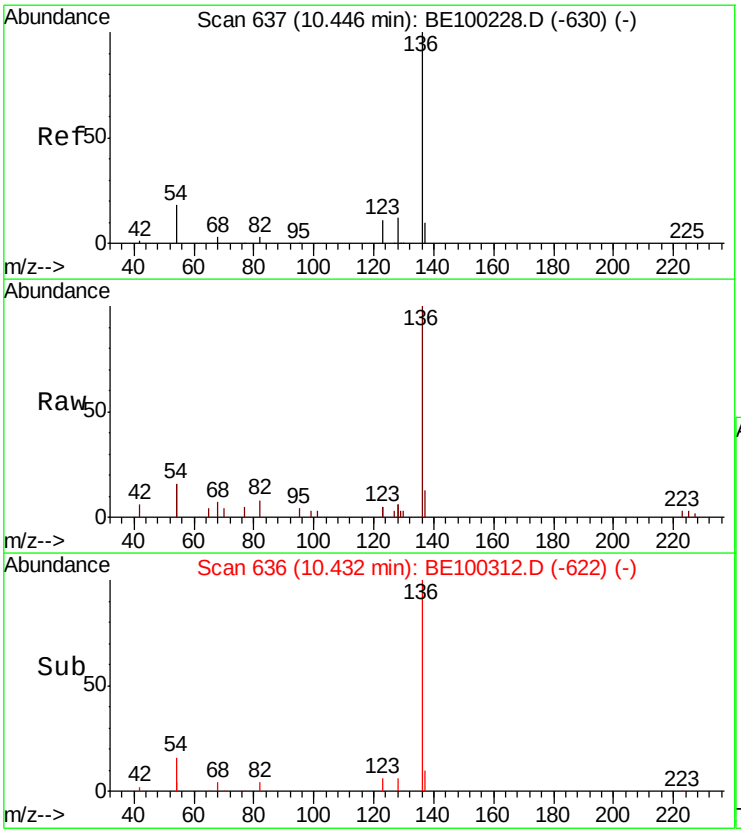
#5
Phenol-d6
Concen: 0.301 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion: 99 Resp: 1099

Ion	Ratio	Lower	Upper
99	100		
42	17.7	11.2	16.8#
71	41.5	37.2	55.8

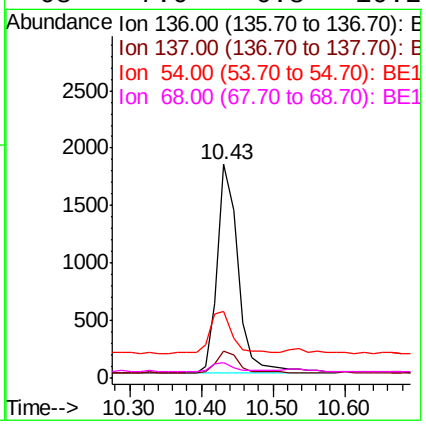


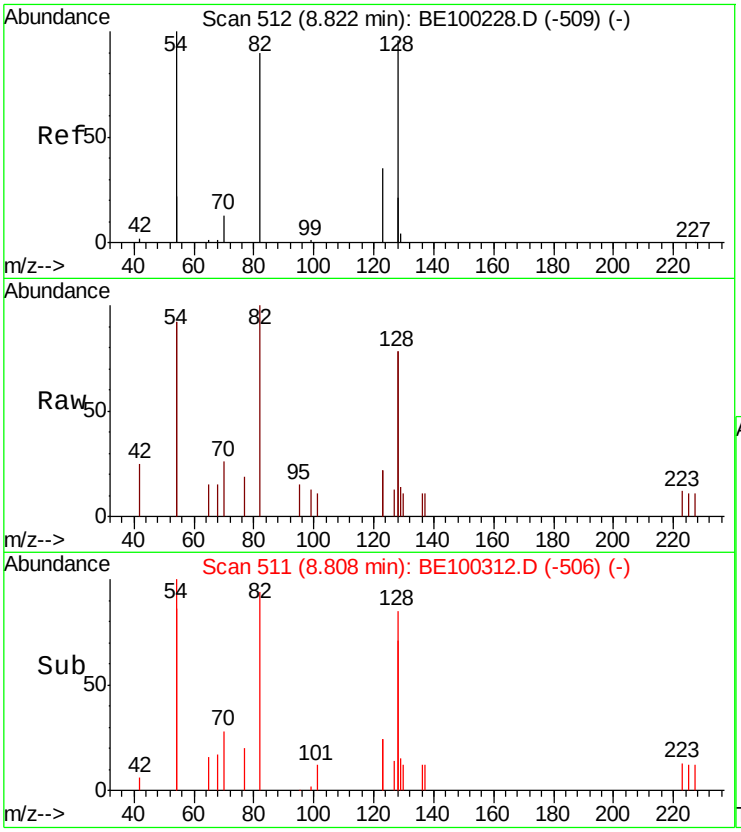


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:136 Resp: 3673

Ion	Ratio	Lower	Upper
136	100		
137	12.8	11.8	17.8
54	31.1	27.7	41.5
68	7.0	6.8	10.2



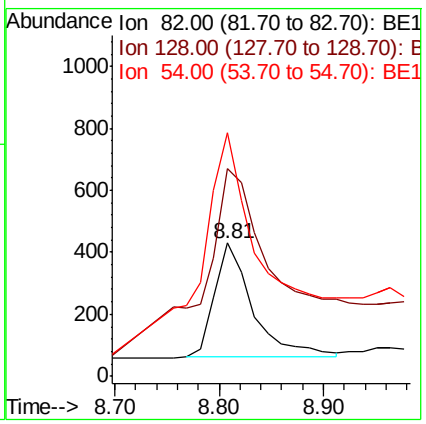


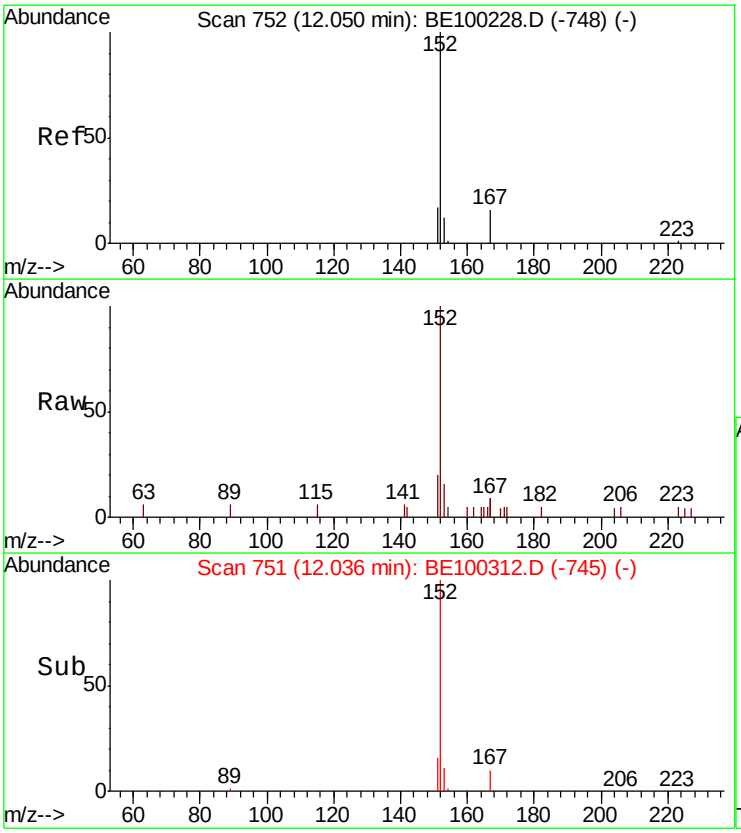
#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion: 82 Resp: 949

Ion	Ratio	Lower	Upper
82	100		
128	156.2	140.9	211.3
54	183.2	146.2	219.2

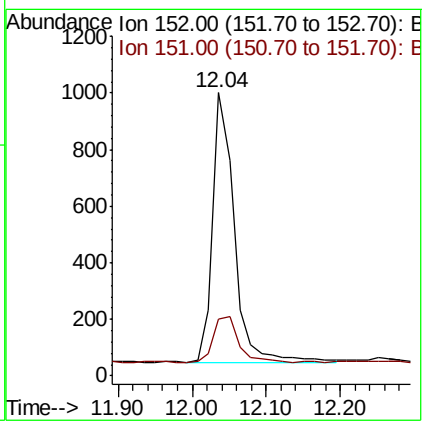


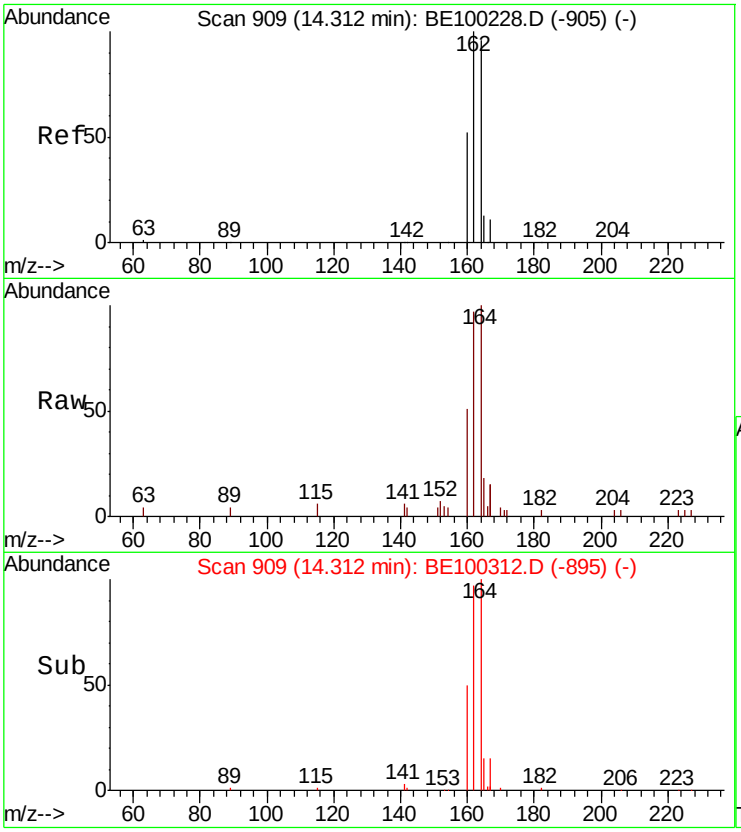


#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:152 Resp: 1933

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.1	22.7



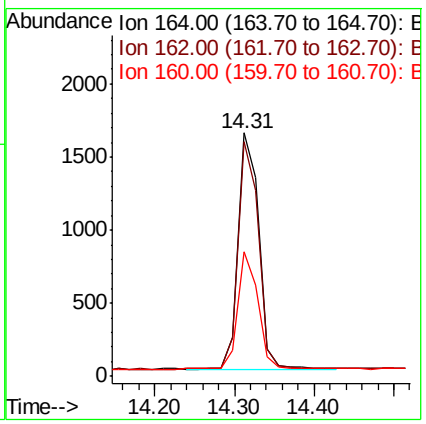


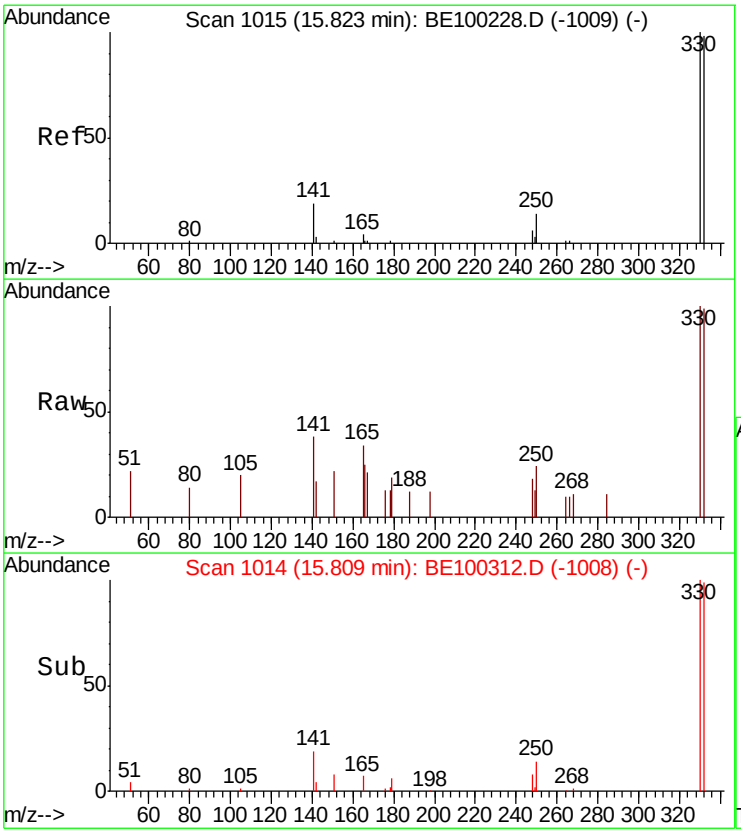
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:164 Resp: 2901

Ion	Ratio	Lower	Upper
164	100		
162	96.6	83.4	125.0
160	51.4	45.0	67.6

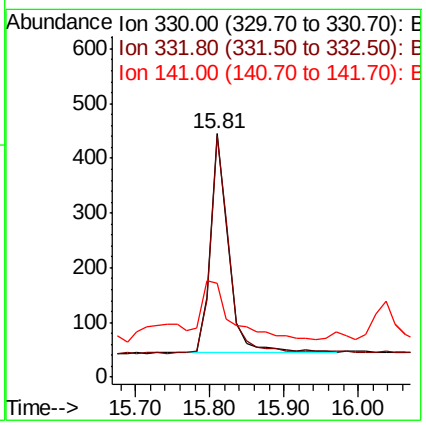


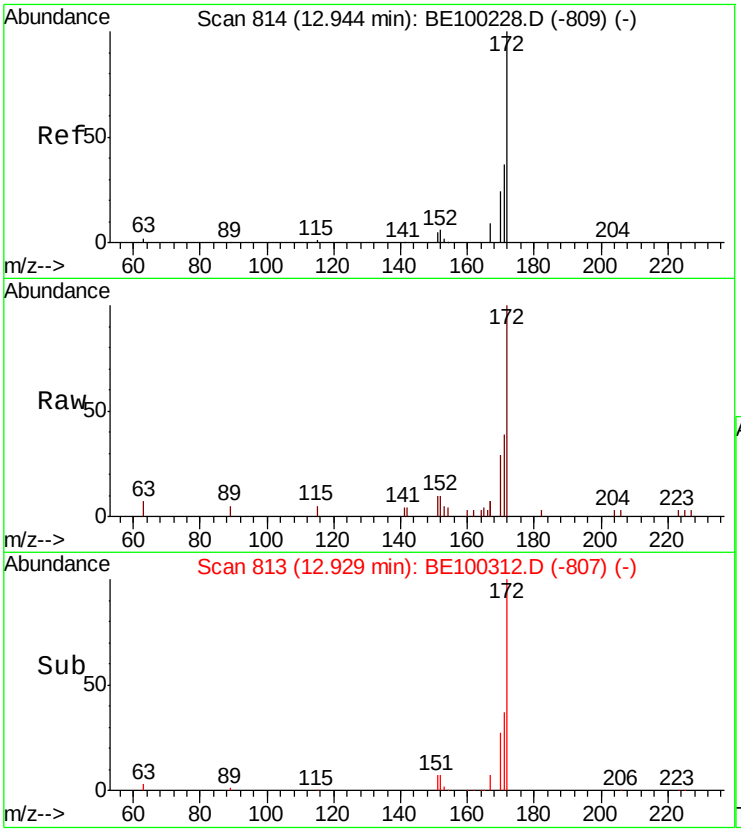


#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:330 Resp: 688

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.4
141	41.4	22.0	33.0#



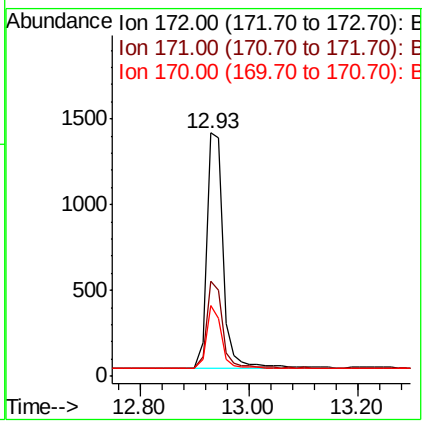


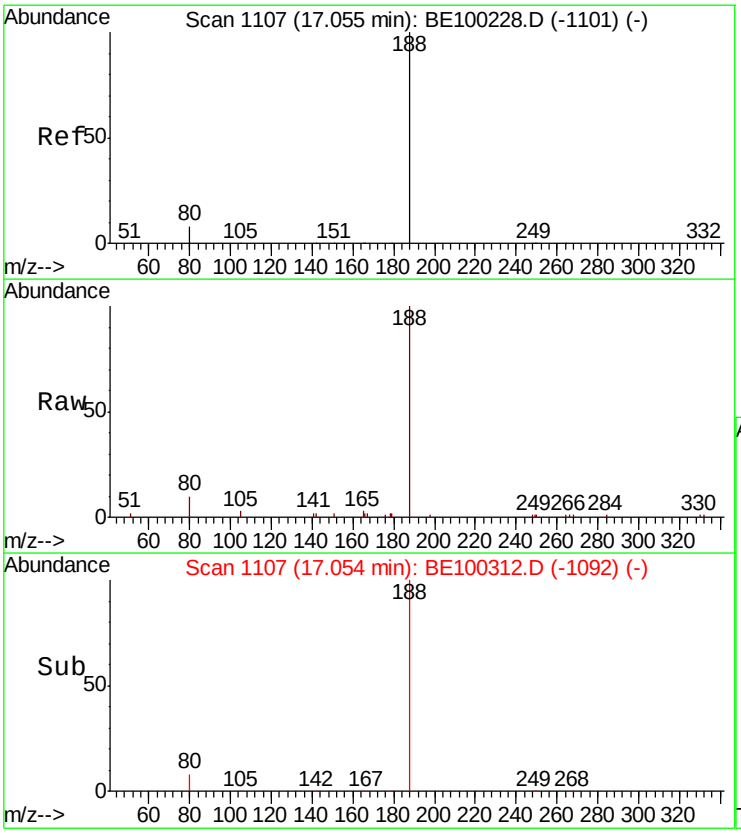
#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:172 Resp: 2936

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.9	47.9
170	29.1	22.2	33.2

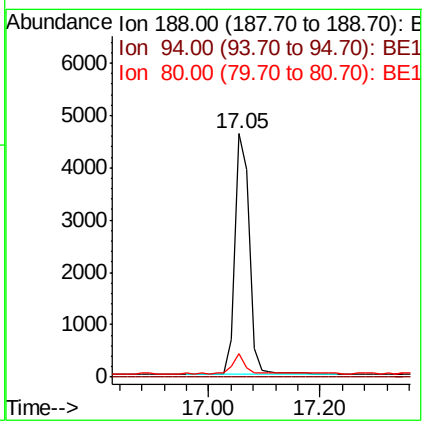


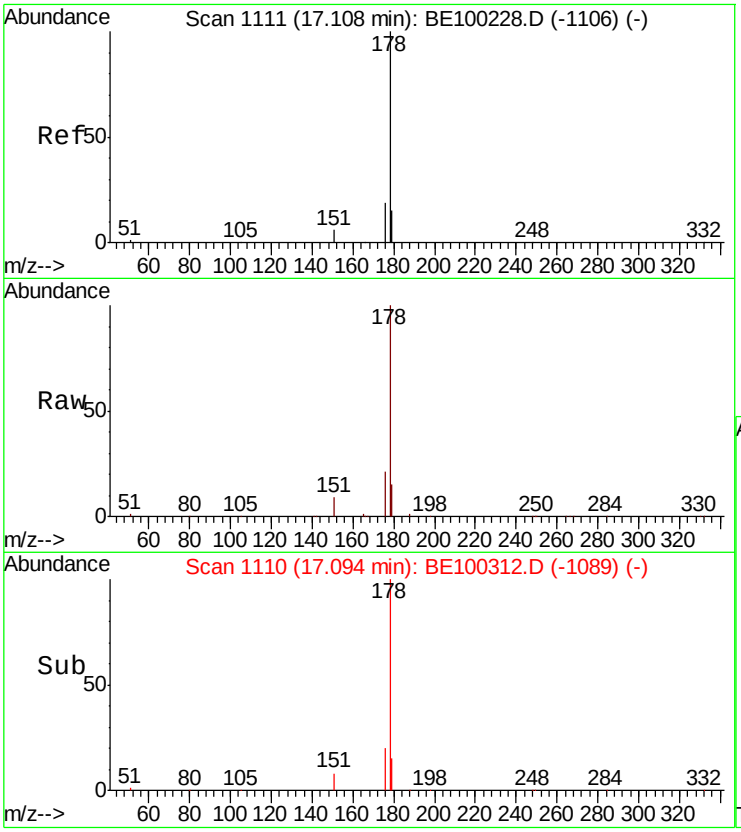


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:188 Resp: 8051

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.6	11.4



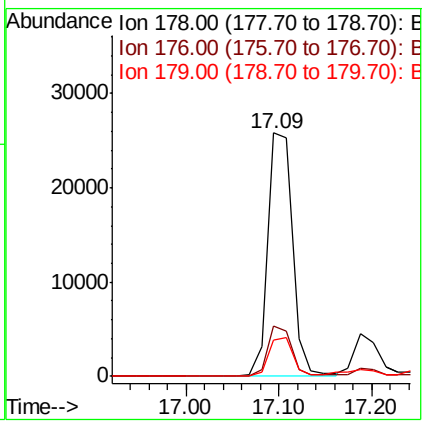


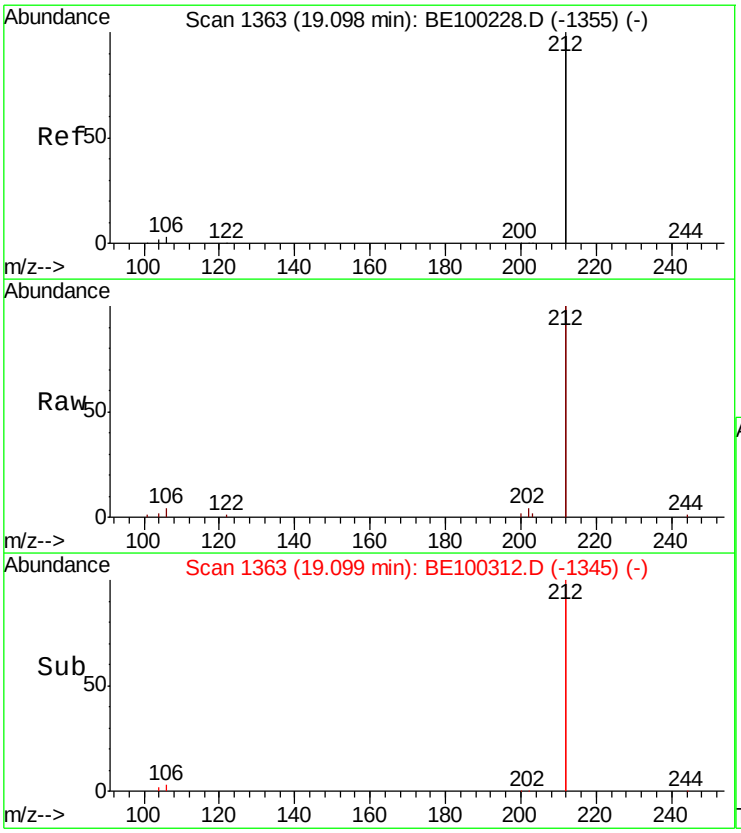
#23
Phenanthrene
Concen: 2.444 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:178 Resp: 47695

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.5	12.2	18.2

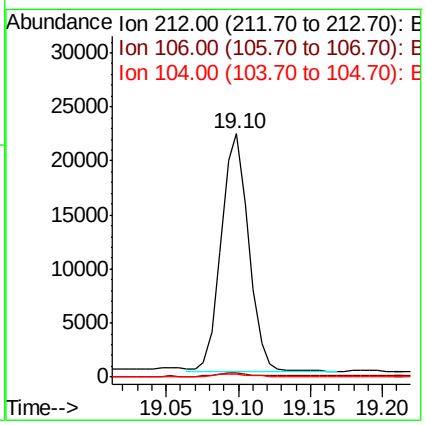


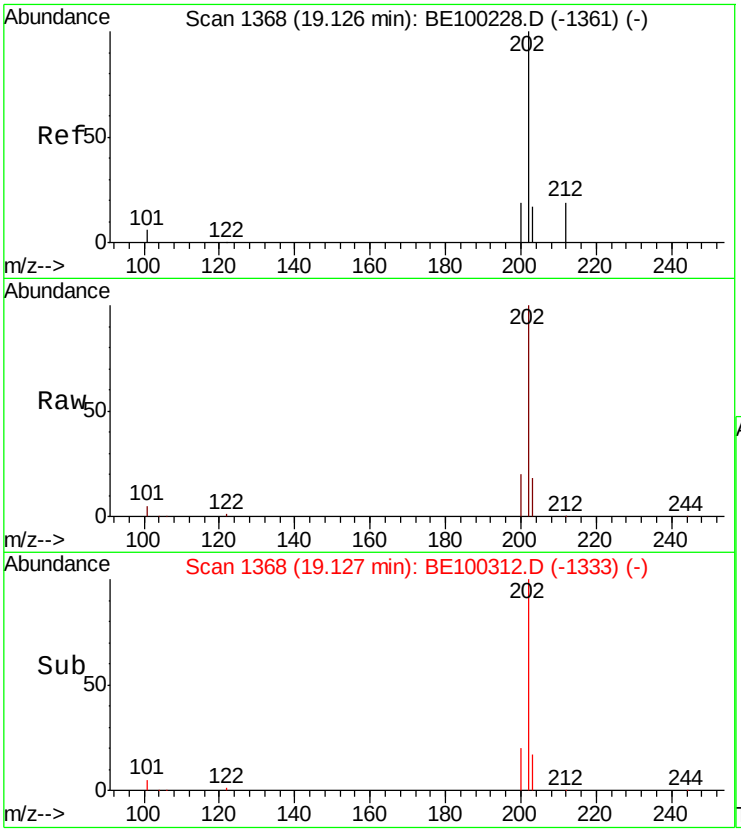


#25
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:212 Resp: 29121

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.8	1.2



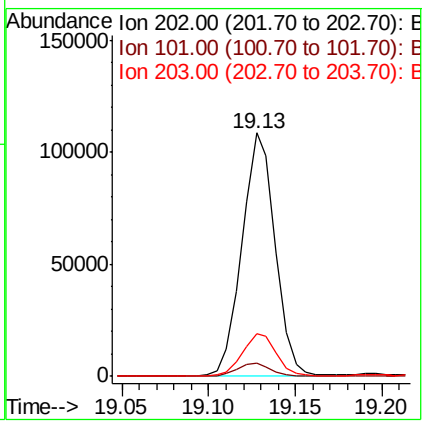


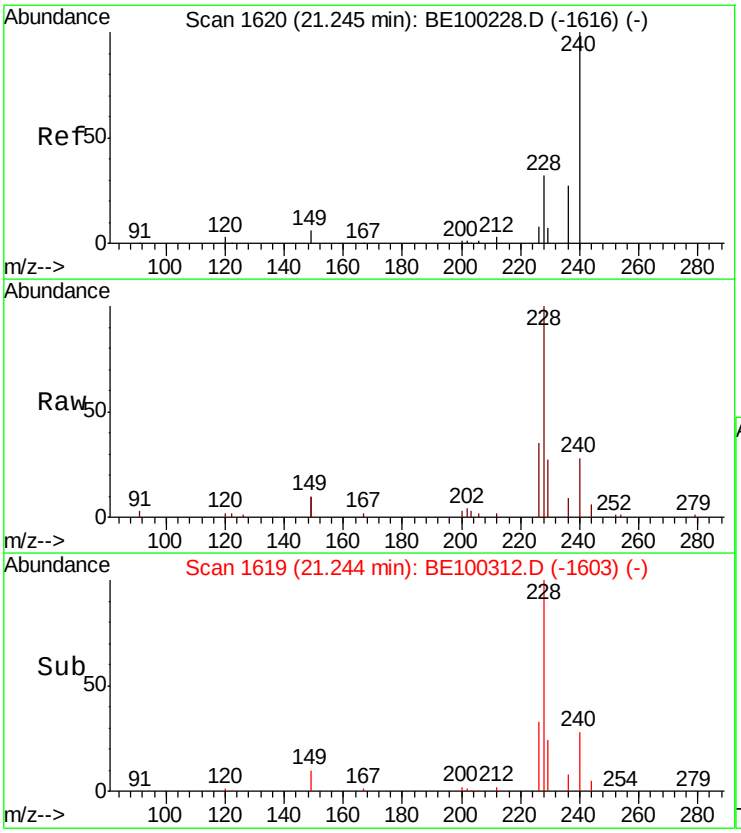
#26
Fluoranthene
Concen: 4.658 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:202 Resp: 144786

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.6	13.7	20.5

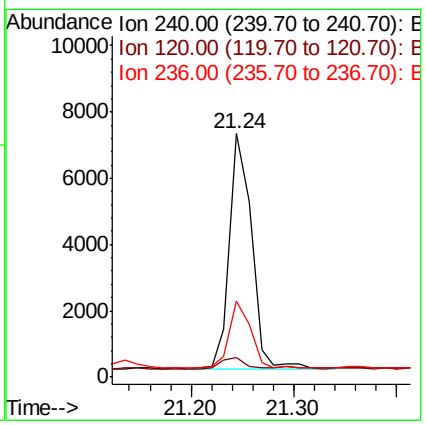


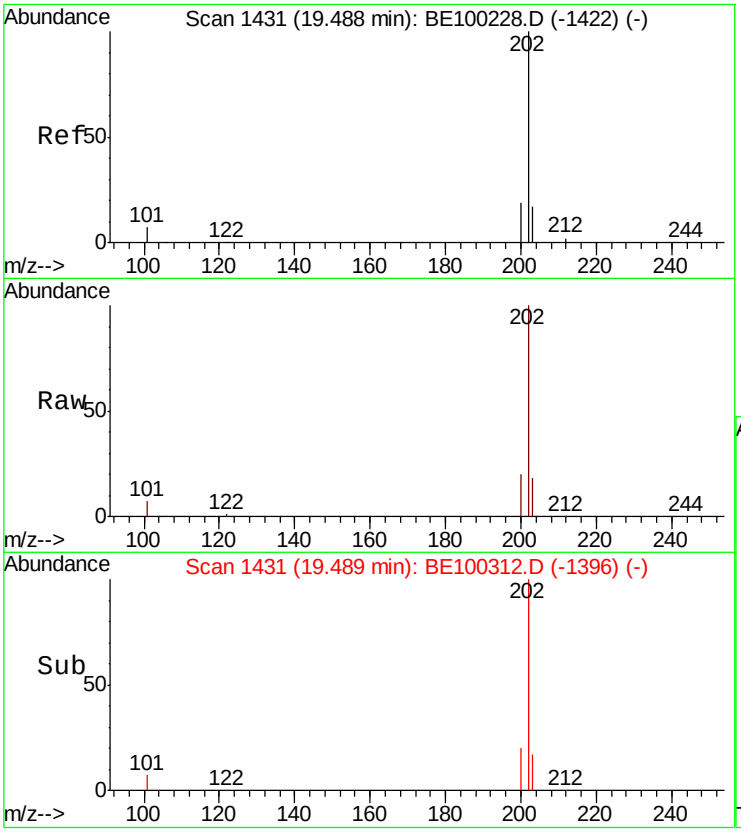


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:240 Resp: 10520

Ion	Ratio	Lower	Upper
240	100		
120	8.0	3.3	4.9#
236	31.2	22.6	34.0



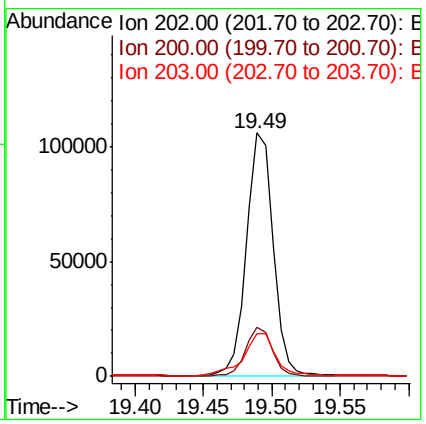


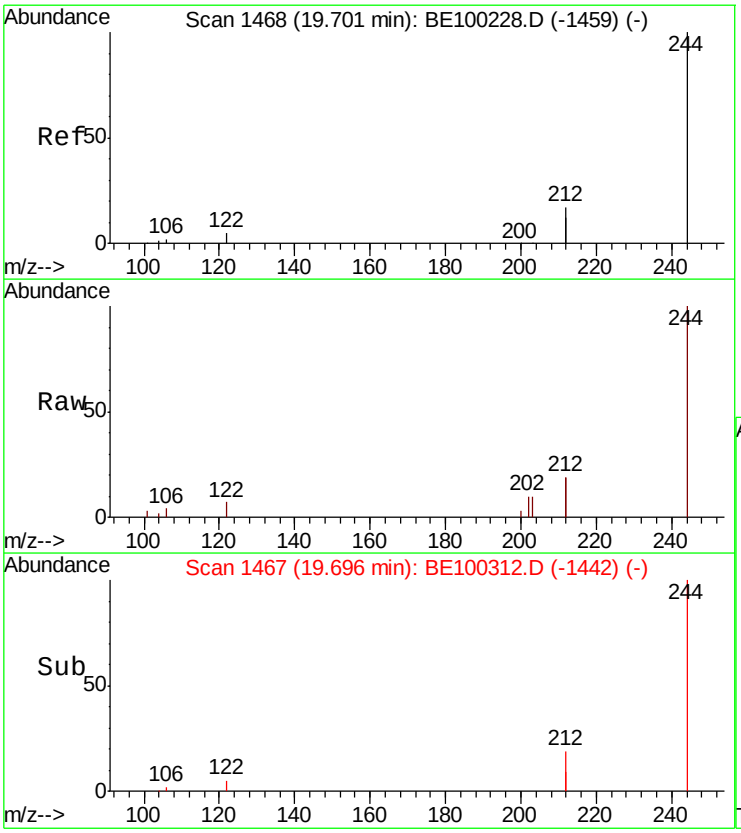
#28
Pyrene
Concen: 5.090 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:202 Resp: 141764

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.6	14.0	21.0

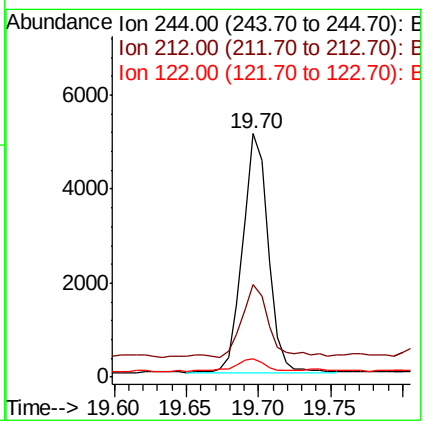


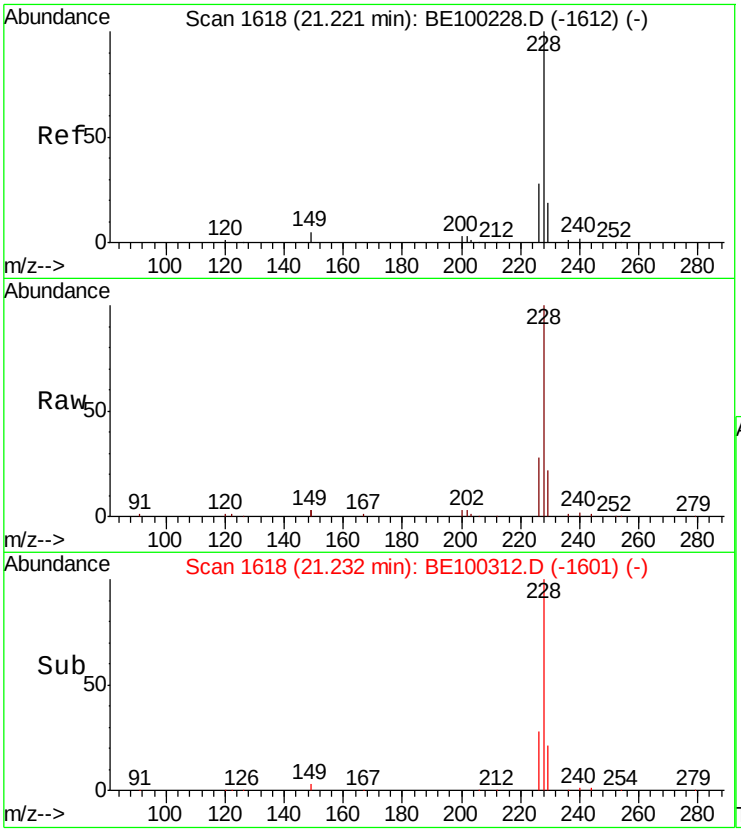


#29
Terphenyl-d14
Concen: 0.289 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:244 Resp: 6308

Ion	Ratio	Lower	Upper
244	100		
212	38.0	27.3	40.9
122	7.4	4.7	7.1#



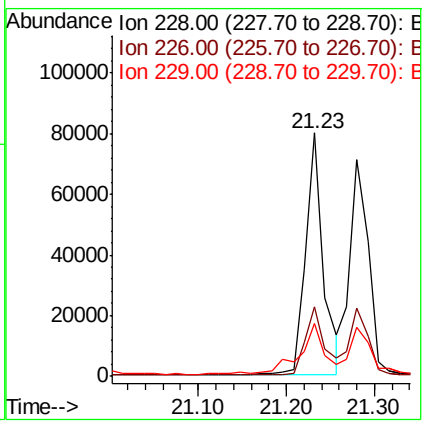


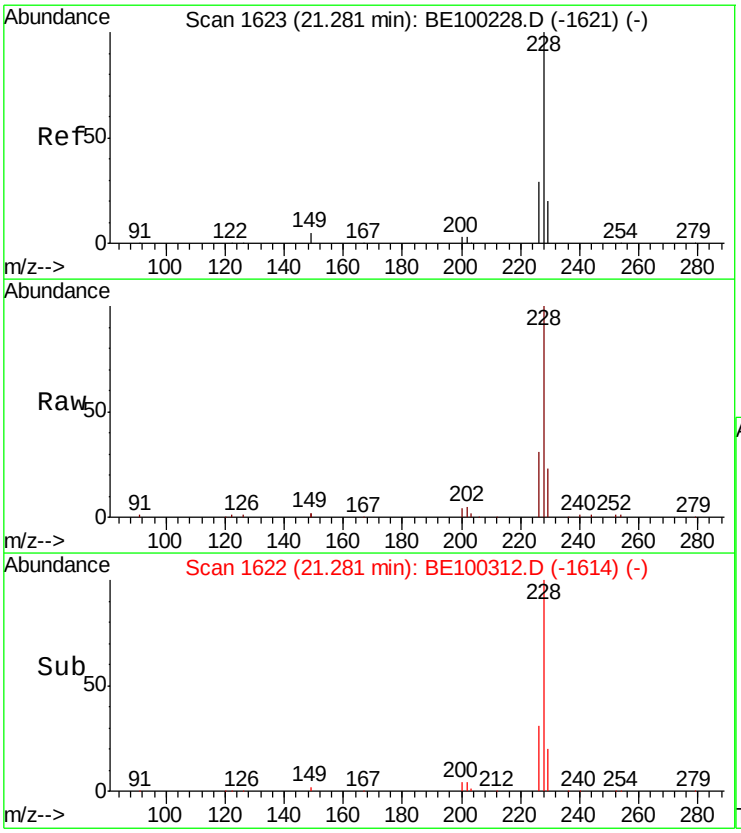
#30
Benzo(a)anthracene
Concen: 3.325 ng
RT: 21.23 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:228 Resp: 115009

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.2	34.8
229	21.8	15.7	23.5

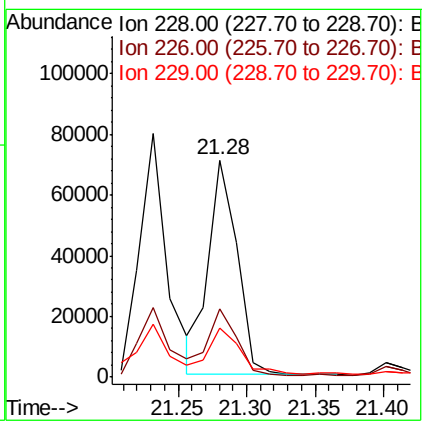


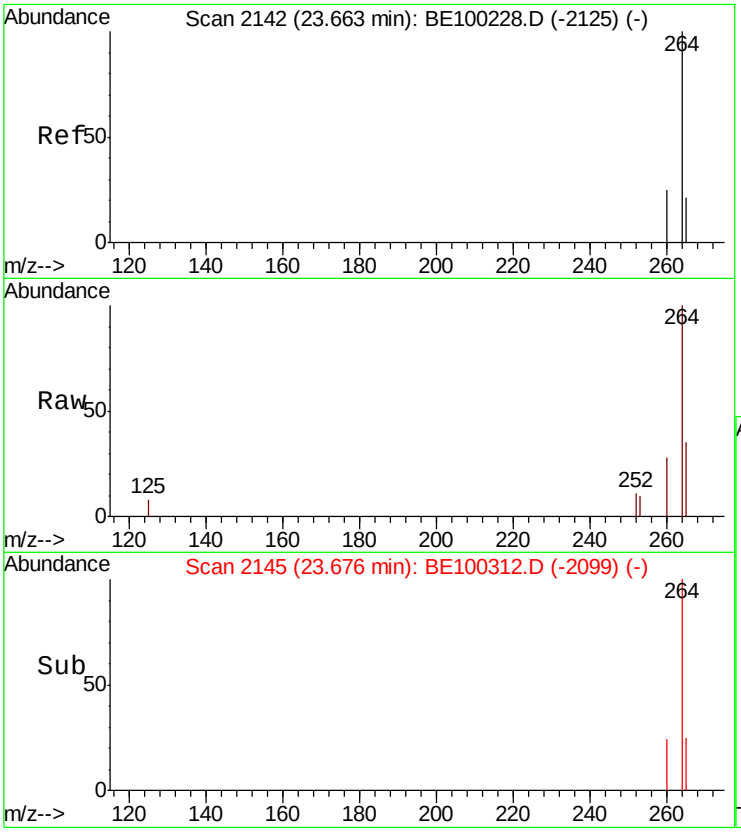


#31
Chrysene
Concen: 2.948 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:228 Resp: 102391

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.9	35.9
229	22.5	16.5	24.7



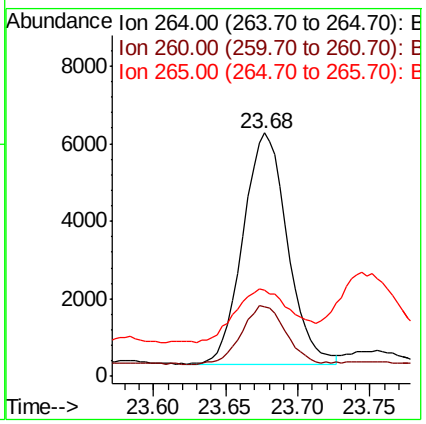


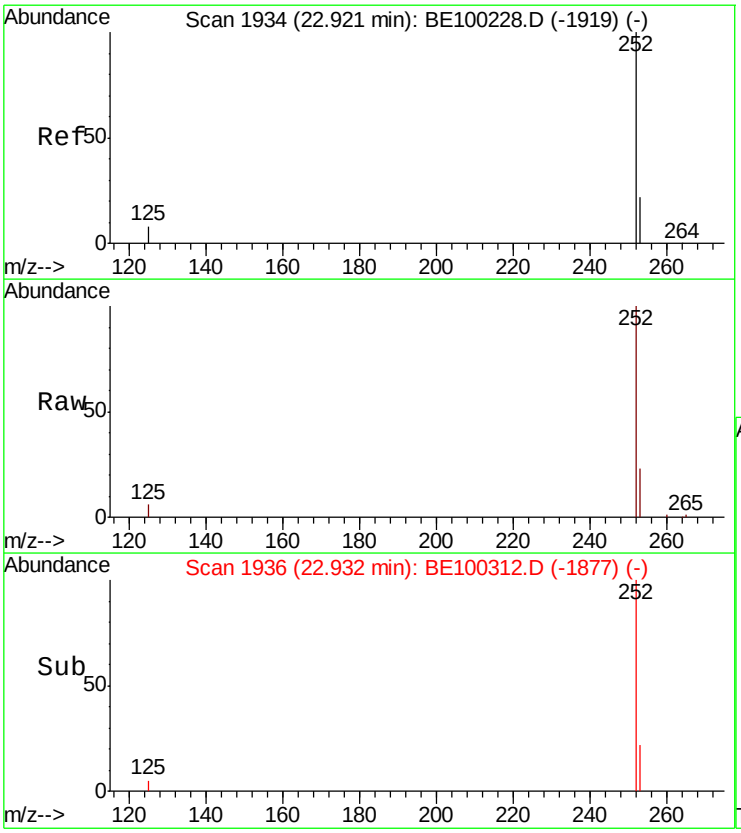
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:264 Resp: 12530

Ion	Ratio	Lower	Upper
264	100		
260	28.4	20.8	31.2
265	35.4	21.8	32.6#

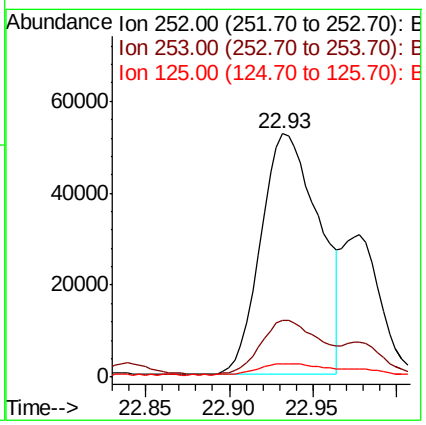


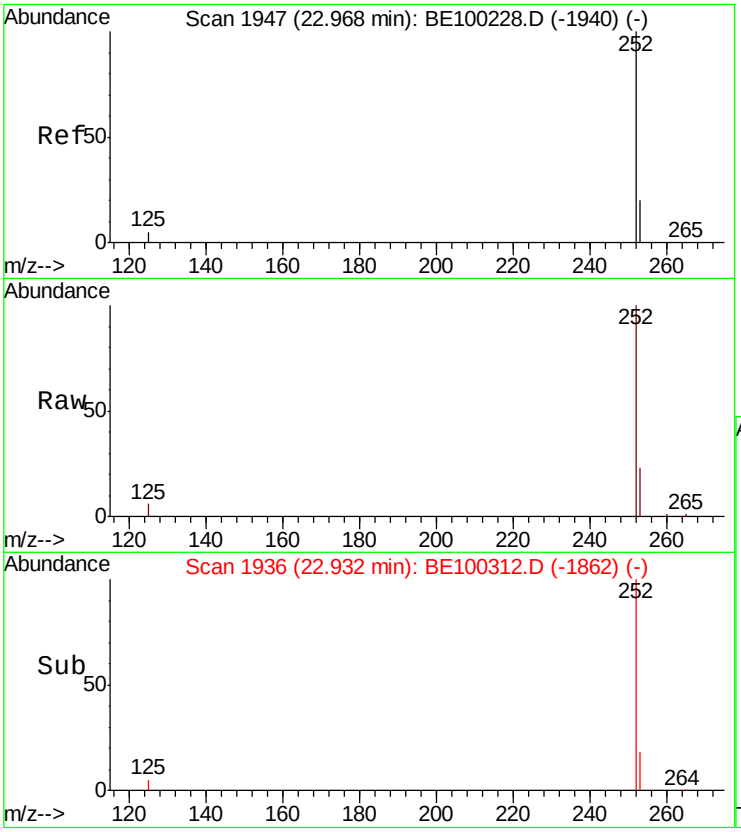


#35
Benzo(b)fluoranthene
Concen: 3.752 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Tgt Ion:252 Resp: 127448

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	5.6	7.4	11.0#





#36
Benzo(k)fluoranthene
Concen: 3.361 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100312.D
Acq: 2 Jul 2019 21:05

Instrument :
BNA_E
ClientSampleId :
PST-013-SW106-062019

Tgt Ion:252 Resp: 127448

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	5.6	5.0	7.4