Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100317.D
Acq On : 3 Jul 2019 00:04
Operator : JU/SJ
Sample : K3504-18DL2 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-013-B211-062019DL

Quant Time: Jul 03 02:15:14 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	7.65	152	752	0.40	ng	0.01
7) Naphthalene-d8	10.43	136	2790	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2136	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	6059	0.40	ng	0.01
27) Chrysene-d12	21.24	240	7885	0.40	ng	0.00
34) Perylene-d12	23.68	264	9513	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	28	0.01	ng	0.01
5) Phenol-d6	6.86	99	12	0.00	ng	0.02
8) Nitrobenzene-d5	8.84	82	21	0.01	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	59	0.01	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	31	0.02	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	73	0.01	ng	0.00
25) Fluoranthene-d10	19.10	212	731	0.01	ng	0.00
29) Terphenyl-d14	19.70	244	386	0.02	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.11	178	53984	3.676	ng	100
26) Fluoranthene	19.13	202	135202	5.780	ng	99
28) Pyrene	19.49	202	125000	5.988	ng	97
30) Benzo(a)anthracene	21.23	228	86922	3.353	ng	98
31) Chrysene	21.28	228	67785	2.604	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	691	Below Cal	#	91
35) Benzo(b)fluoranthene	22.93	252	92451	3.584	ng #	96
36) Benzo(k)fluoranthene	22.93	252	92451	3.211	ng	98

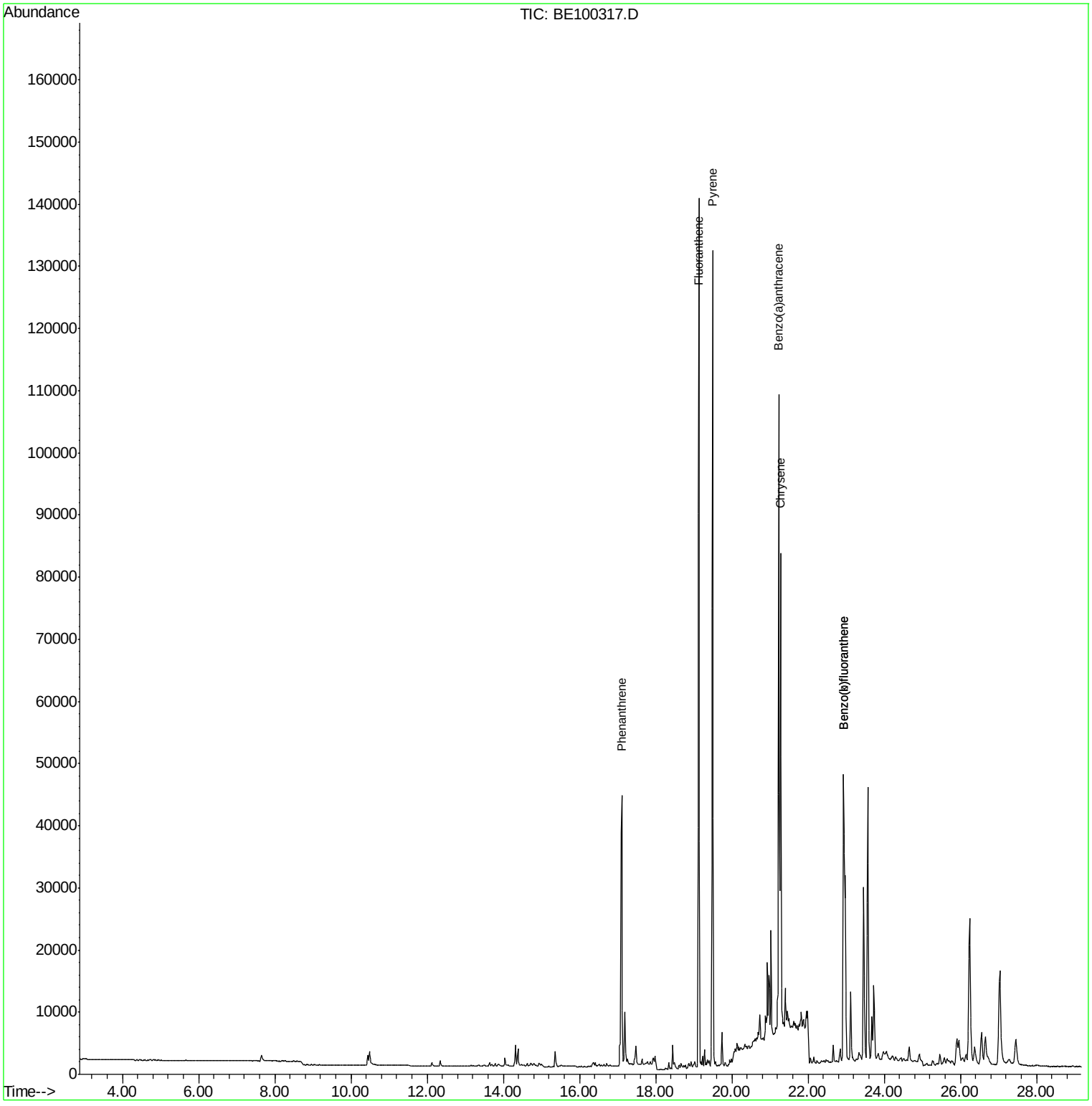
(#) = qualifier out of range (m) = manual integration (+) = signals summed

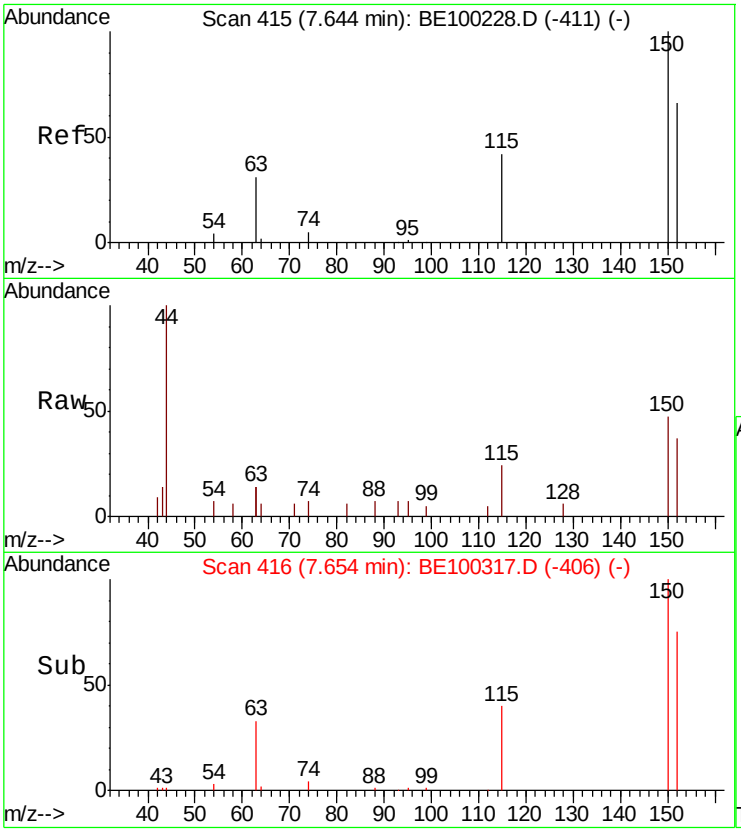
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100317.D
Acq On : 3 Jul 2019 00:04
Operator : JU/SJ
Sample : K3504-18DL2 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Quant Time: Jul 03 02:15:14 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



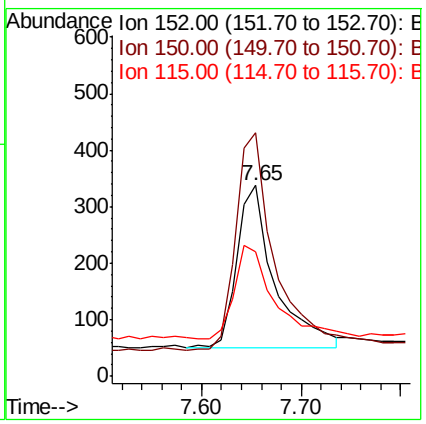


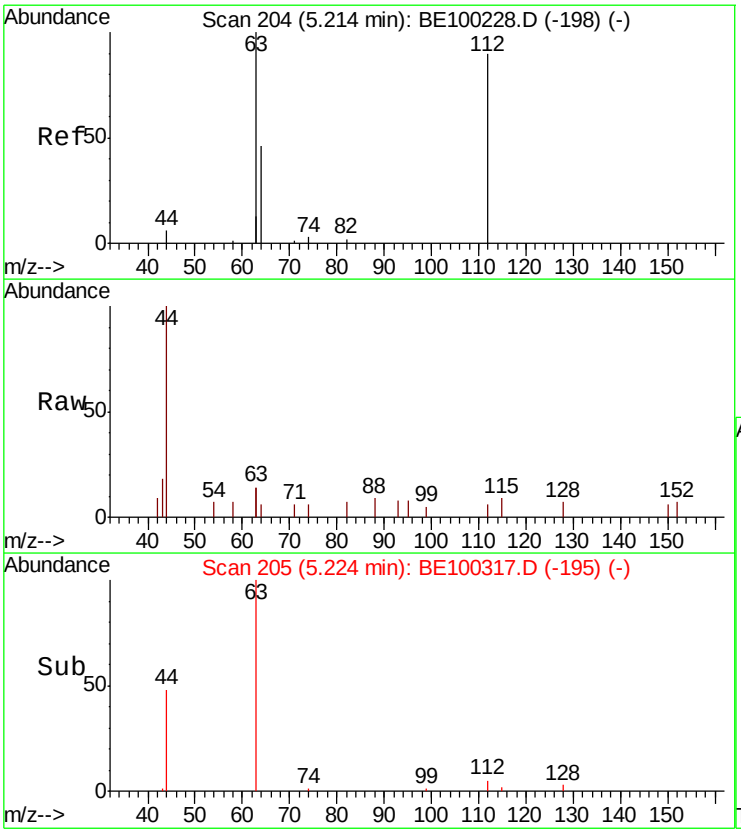
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:152 Resp: 752

Ion	Ratio	Lower	Upper
152	100		
150	127.9	114.5	171.7
115	65.3	57.1	85.7

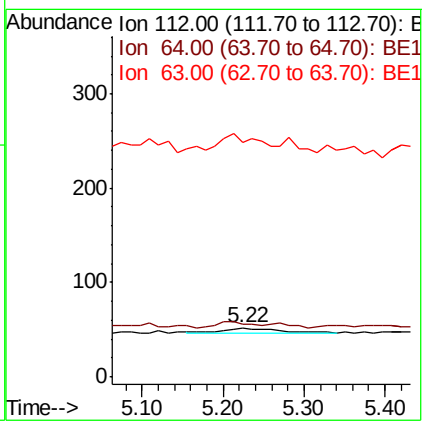


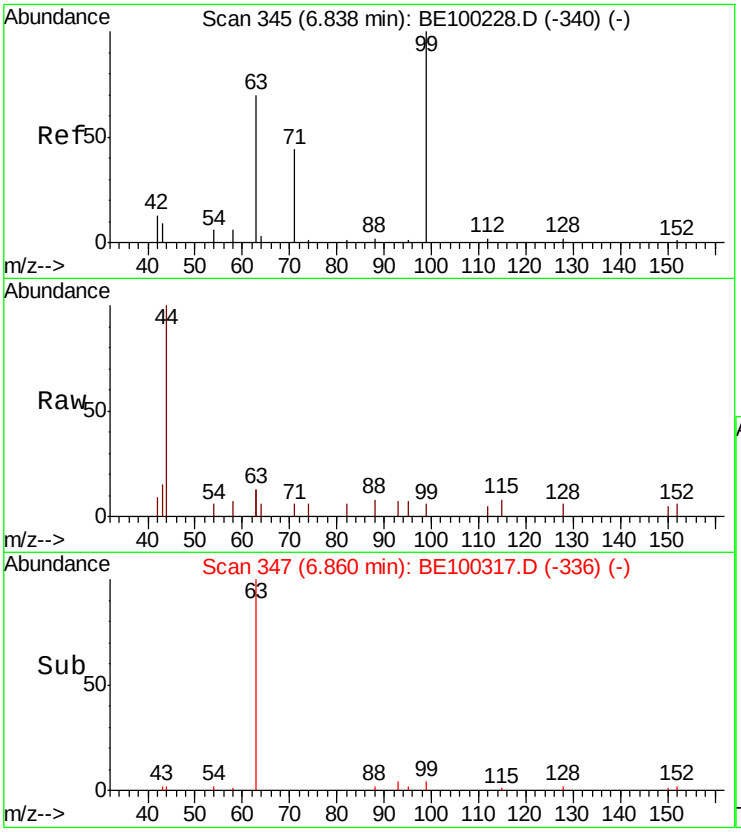


#4
2-Fluorophenol
Concen: 0.015 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:112 Resp: 28

Ion	Ratio	Lower	Upper
112	100		
64	0.0	39.4	59.0#
63	132.1	104.5	156.7



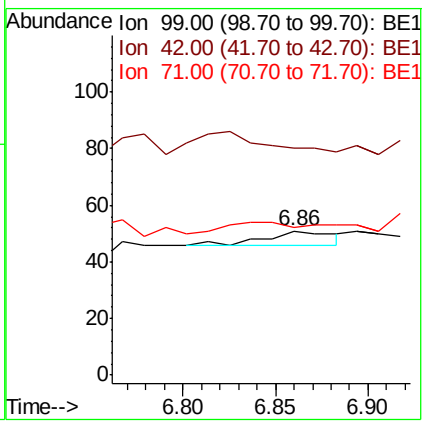


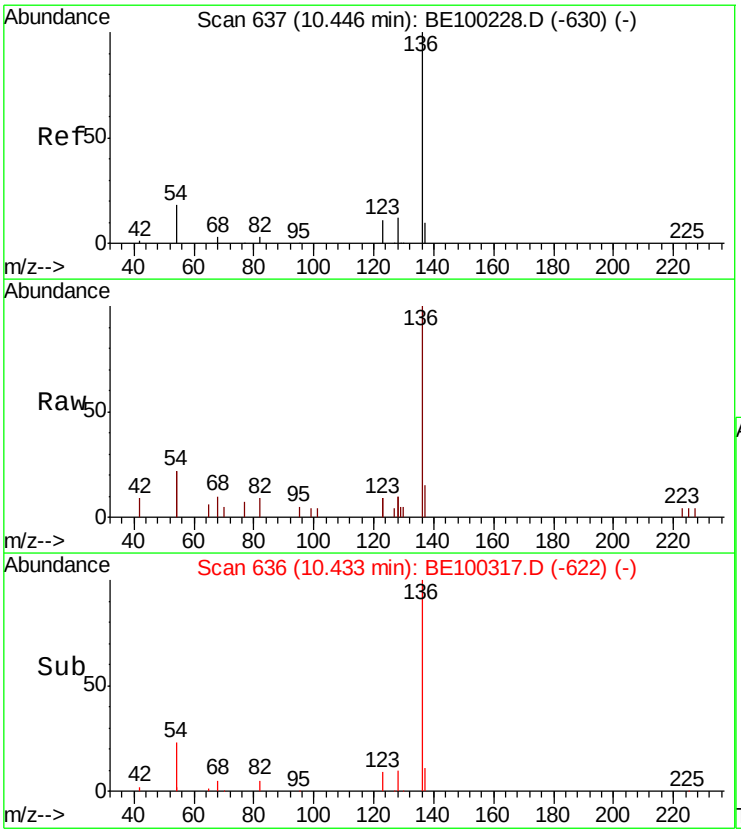
#5
Phenol-d6
Concen: 0.005 ng
RT: 6.86 min Scan# 347
Delta R.T. 0.02 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion: 99 Resp: 12

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	0.0	37.2	55.8#

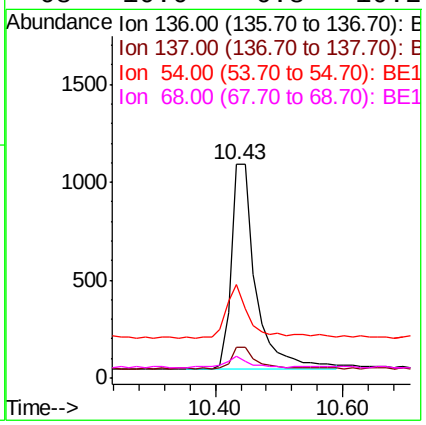


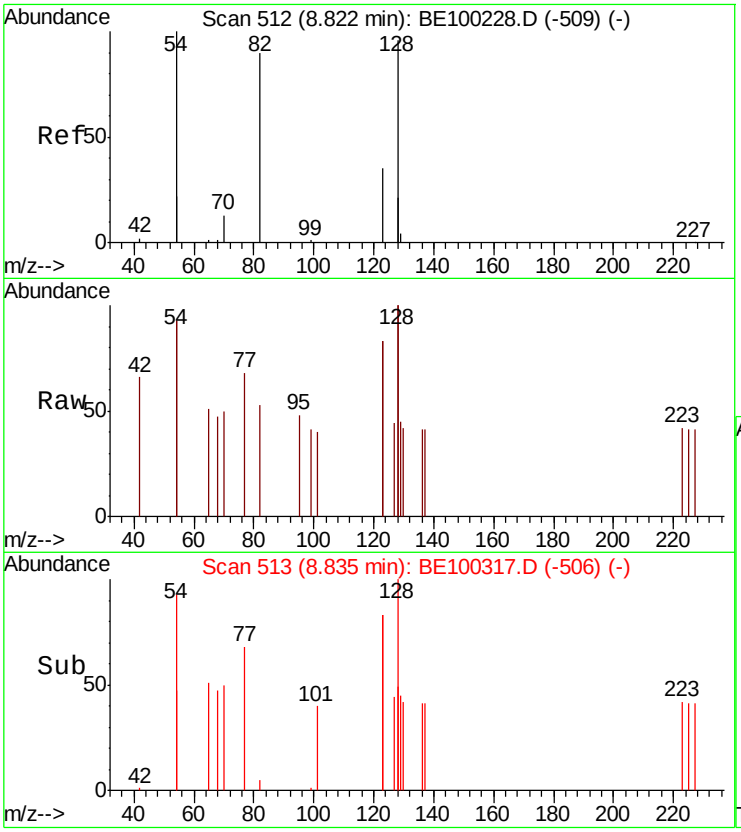


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:136 Resp: 2790

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.8	17.8
54	43.6	27.7	41.5#
68	10.0	6.8	10.2



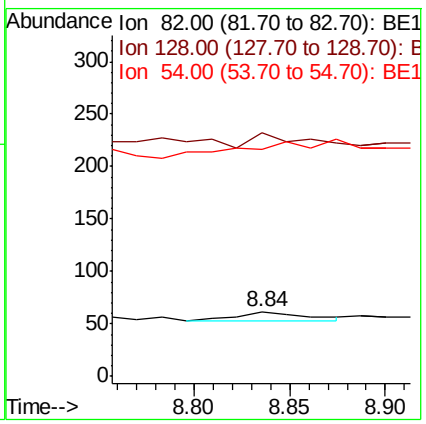


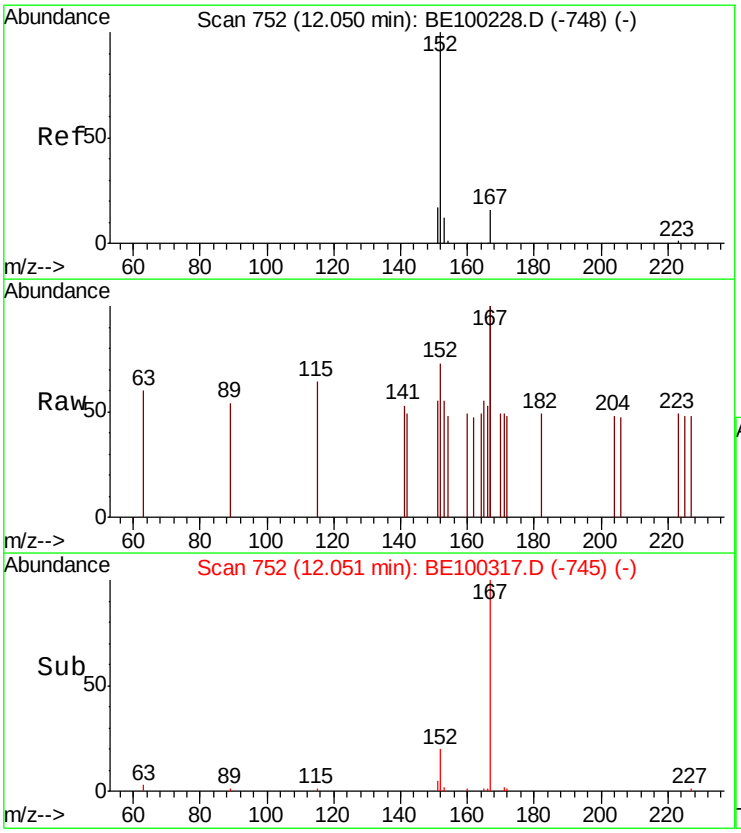
#8
Nitrobenzene-d5
Concen: 0.008 ng
RT: 8.84 min Scan# 513
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion: 82 Resp: 21

Ion	Ratio	Lower	Upper
82	100		
128	374.2	140.9	211.3#
54	348.4	146.2	219.2#

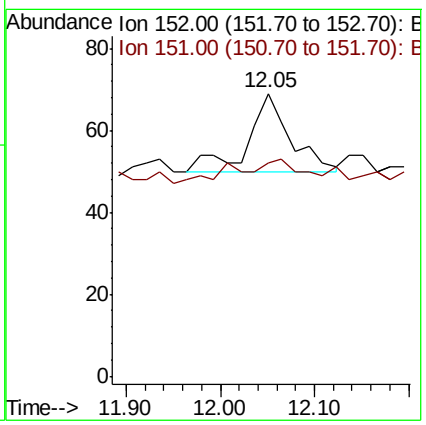


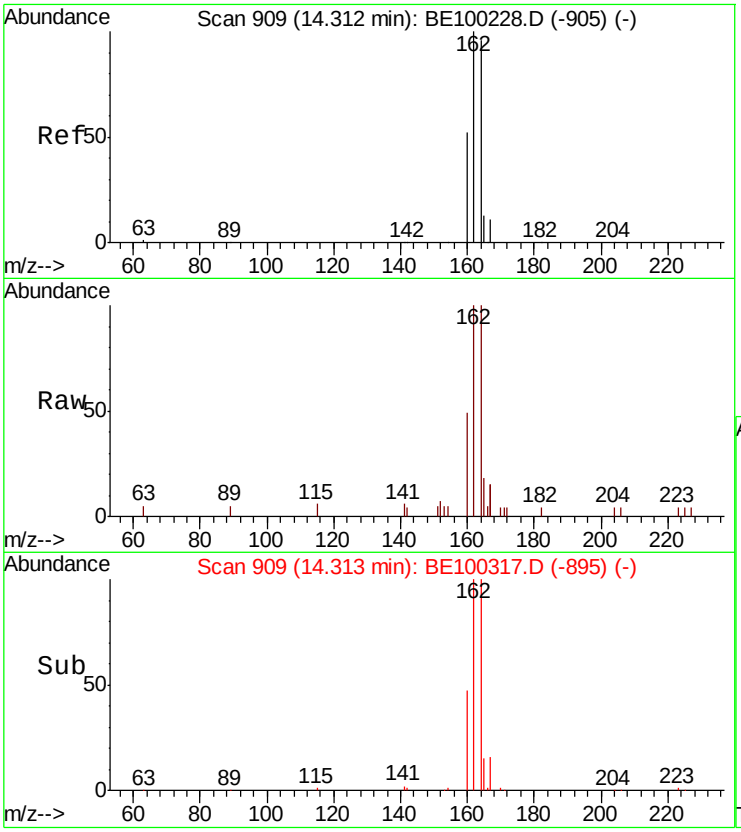


#11
2-Methylnaphthalene-d10
Concen: 0.011 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:152 Resp: 59

Ion	Ratio	Lower	Upper
152	100		
151	39.0	15.1	22.7#



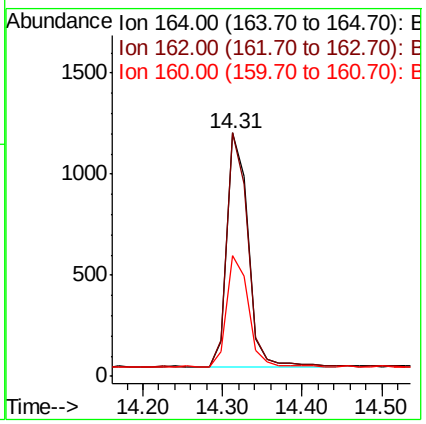


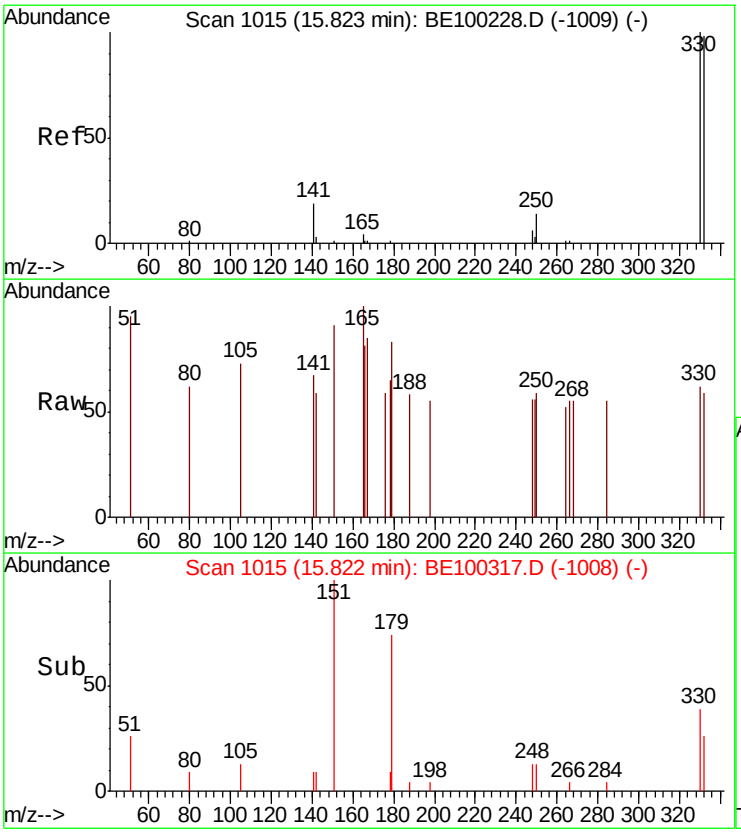
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:164 Resp: 2136

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.4	125.0
160	49.4	45.0	67.6

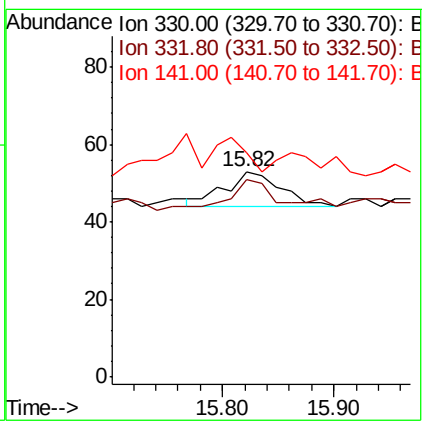


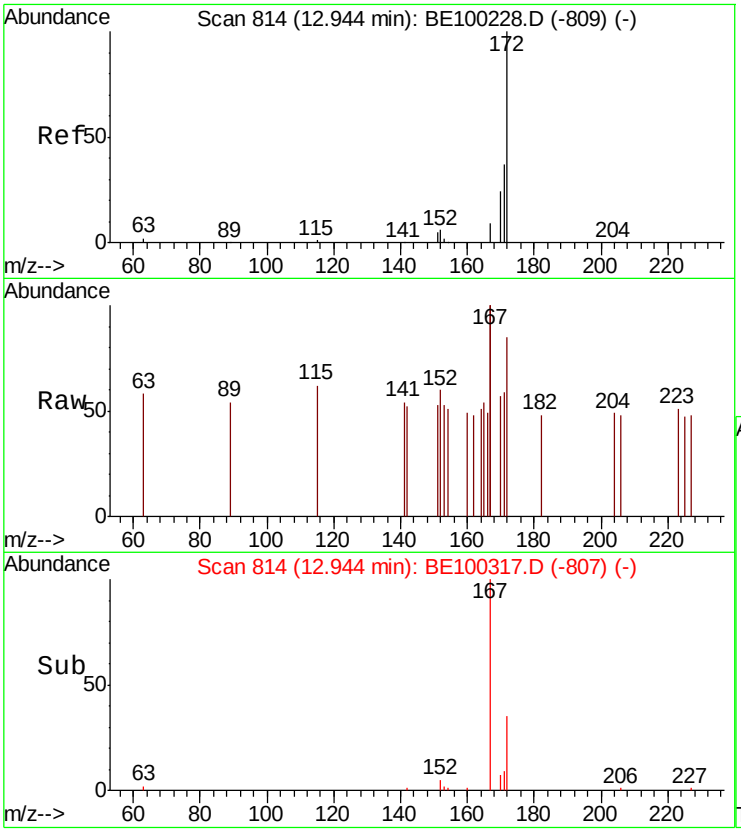


#14
2,4,6-Tribromophenol
Concen: 0.021 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:330 Resp: 31

Ion	Ratio	Lower	Upper
330	100		
332	45.2	77.0	115.4#
141	54.8	22.0	33.0#



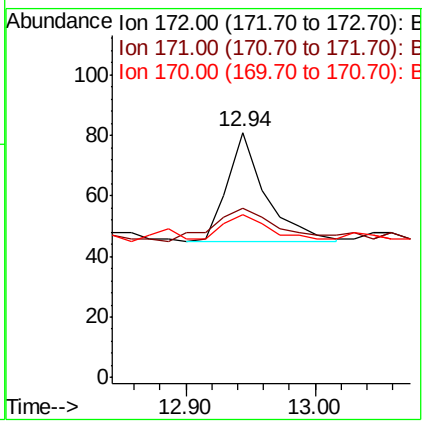


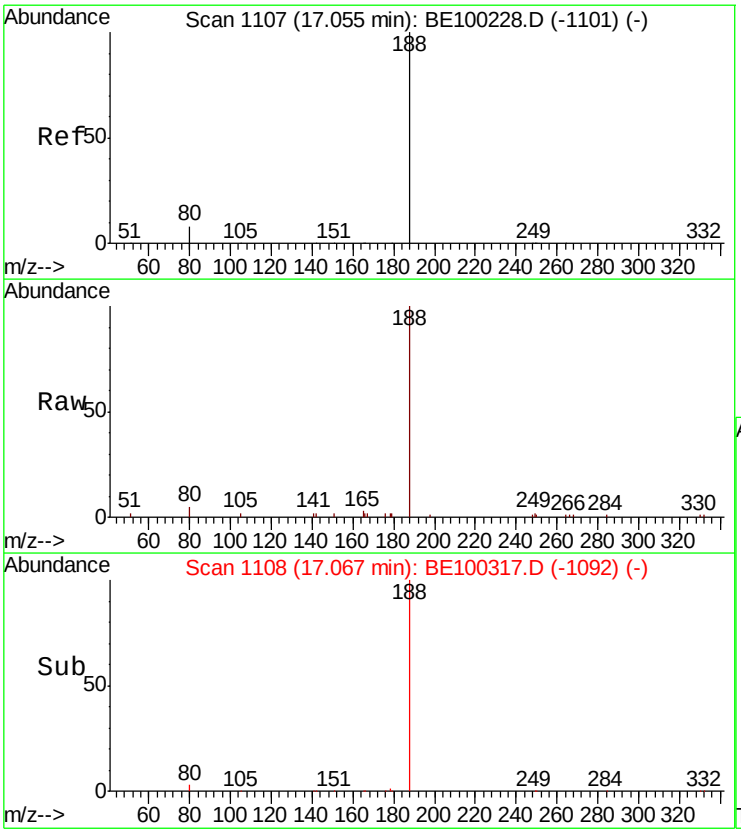
#15
2-Fluorobiphenyl
Concen: 0.009 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:172 Resp: 73

Ion	Ratio	Lower	Upper
172	100		
171	69.1	31.9	47.9#
170	66.7	22.2	33.2#

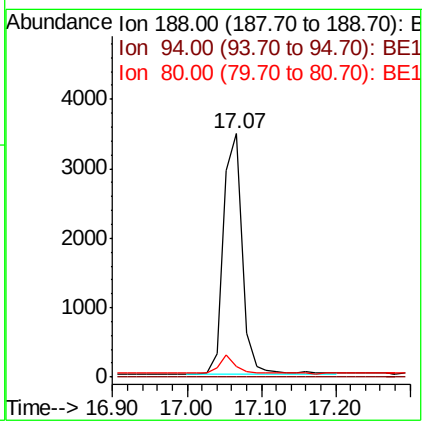


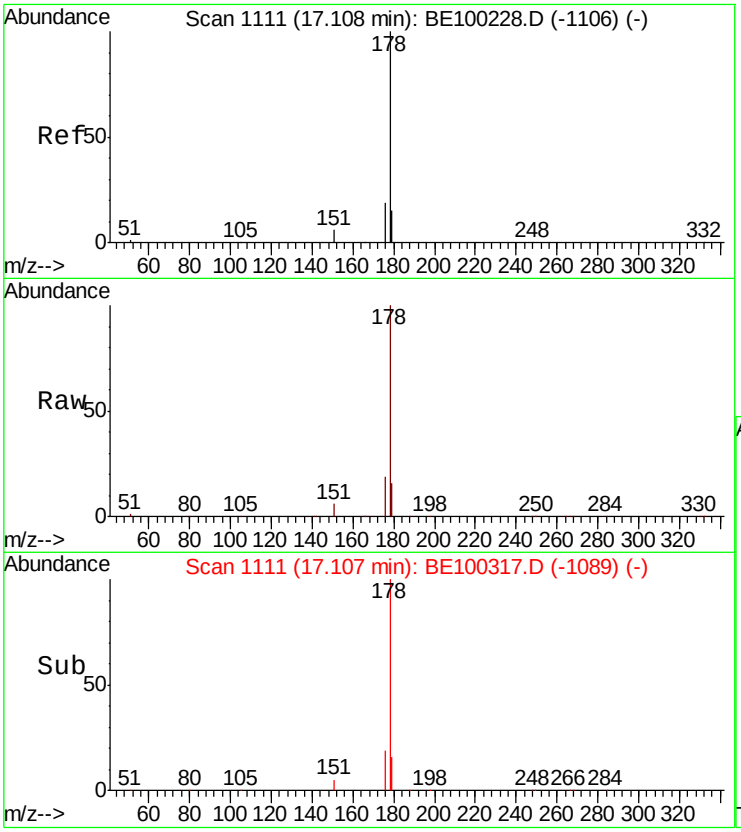


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:188 Resp: 6059

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.6	7.6	11.4#



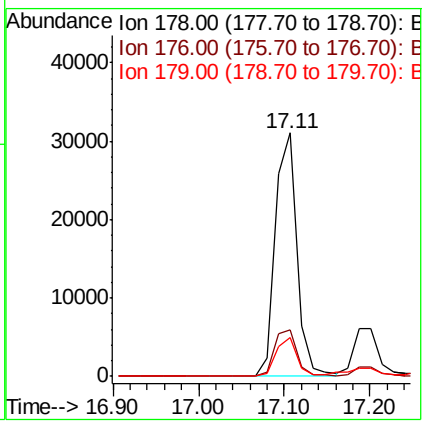


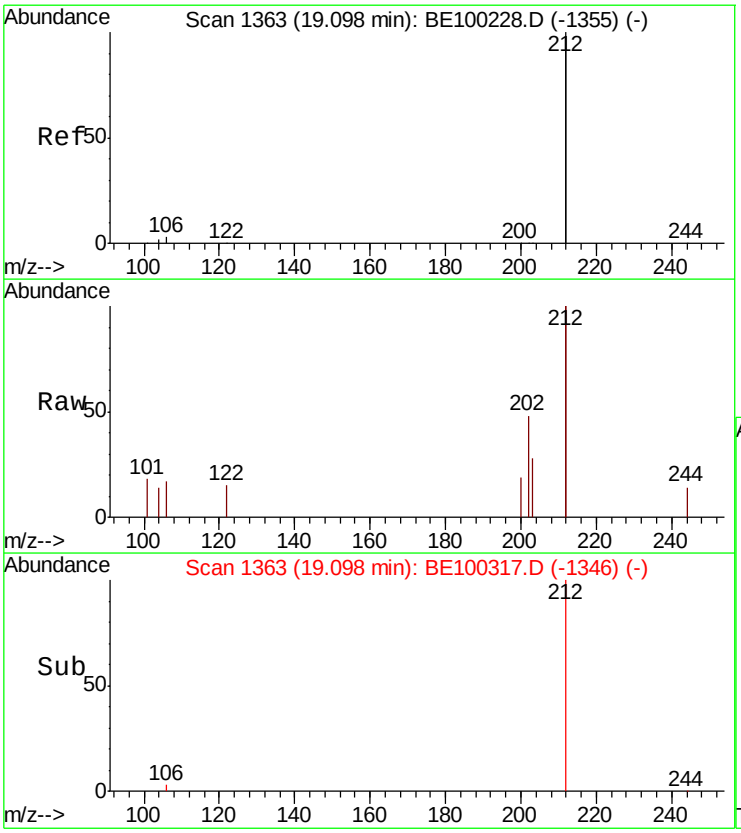
#23
Phenanthrene
Concen: 3.676 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:178 Resp: 53984

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.4	12.2	18.2

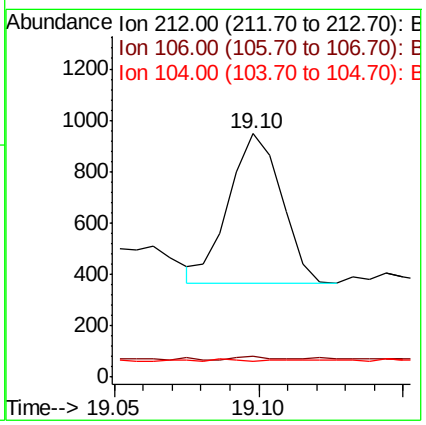


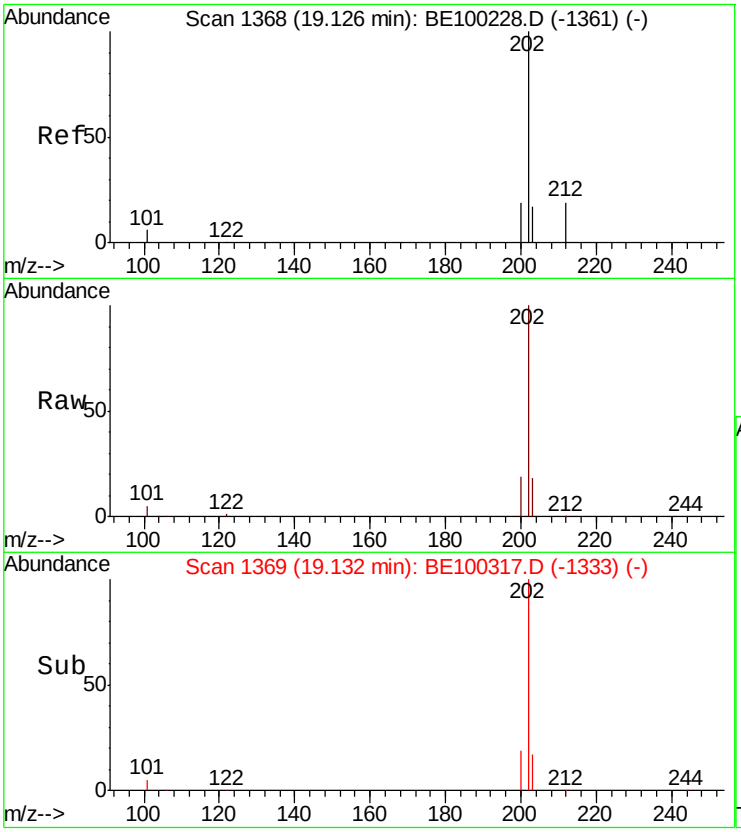


#25
Fluoranthene-d10
Concen: 0.008 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:212 Resp: 731

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.5	0.8	1.2#



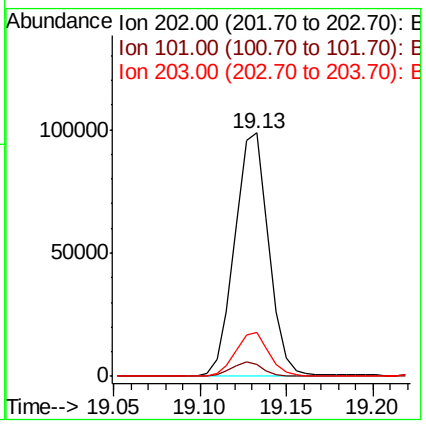


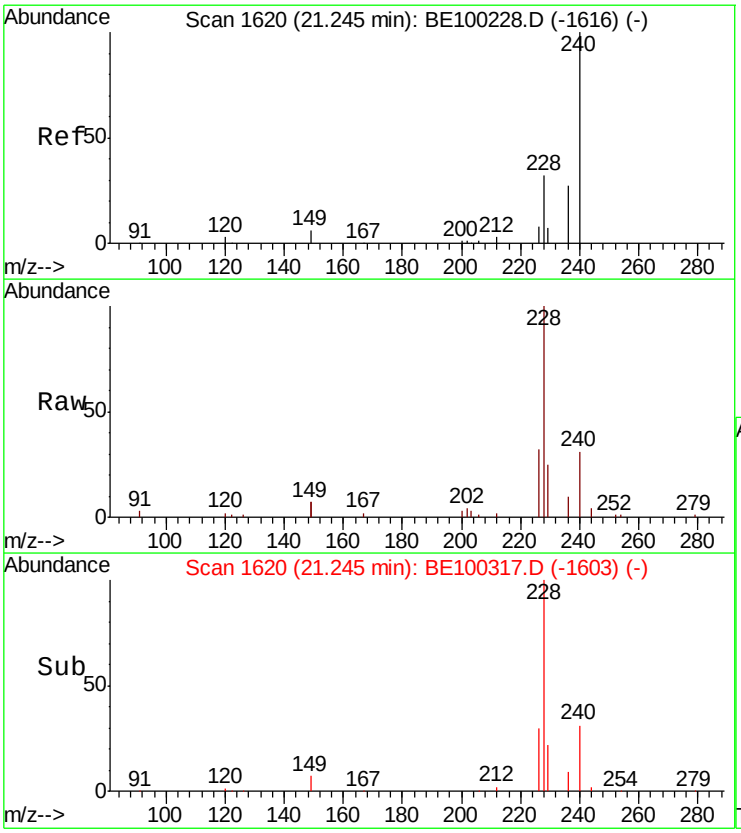
#26
Fluoranthene
Concen: 5.780 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:202 Resp: 135202

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	17.6	13.7	20.5

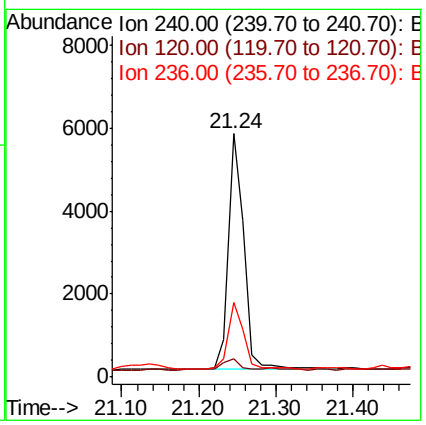


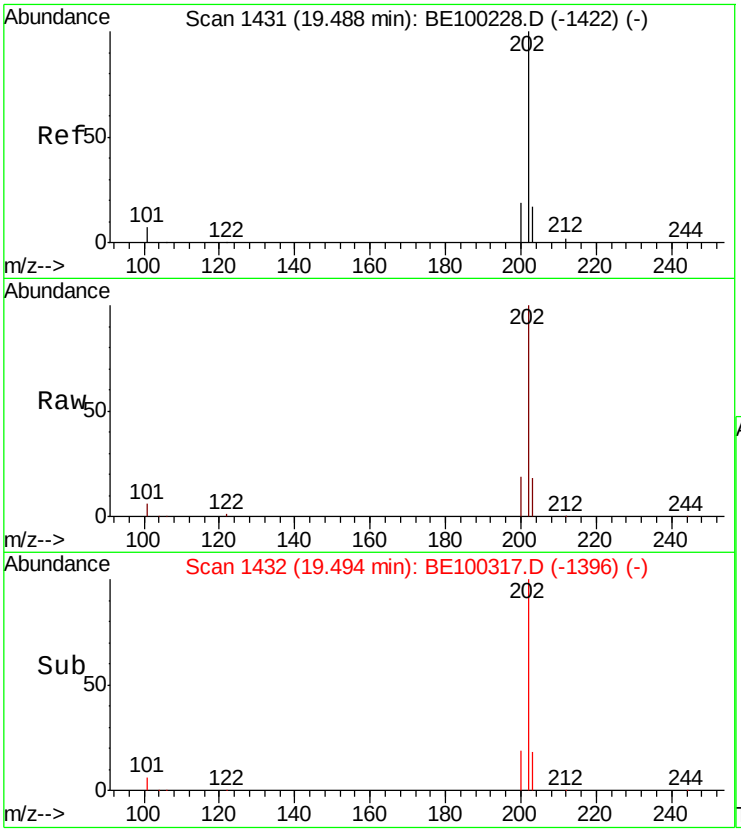


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:240 Resp: 7885

Ion	Ratio	Lower	Upper
240	100		
120	7.5	3.3	4.9#
236	30.5	22.6	34.0



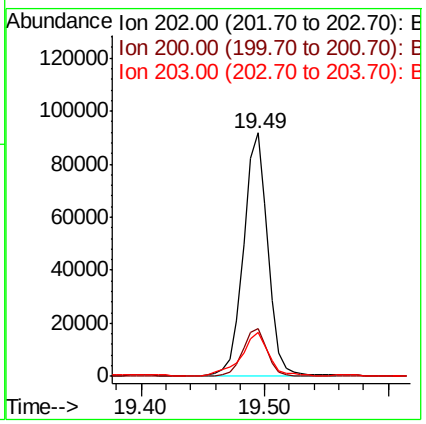


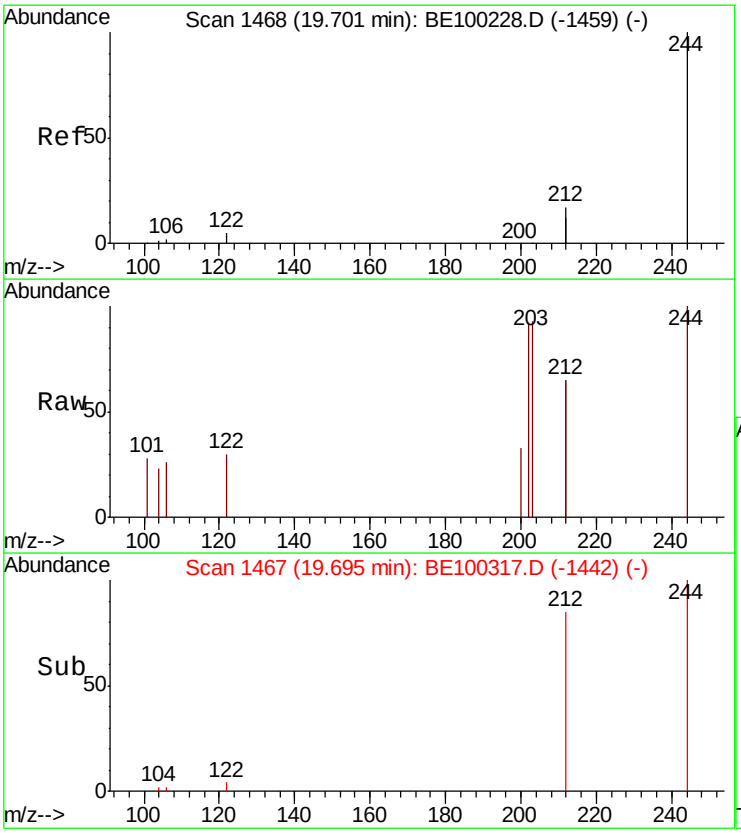
#28
Pyrene
Concen: 5.988 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:202 Resp: 125000

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	20.3	14.0	21.0

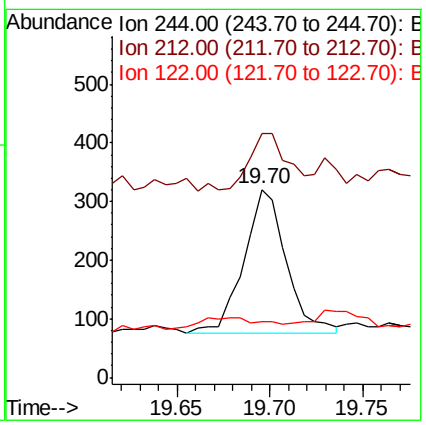


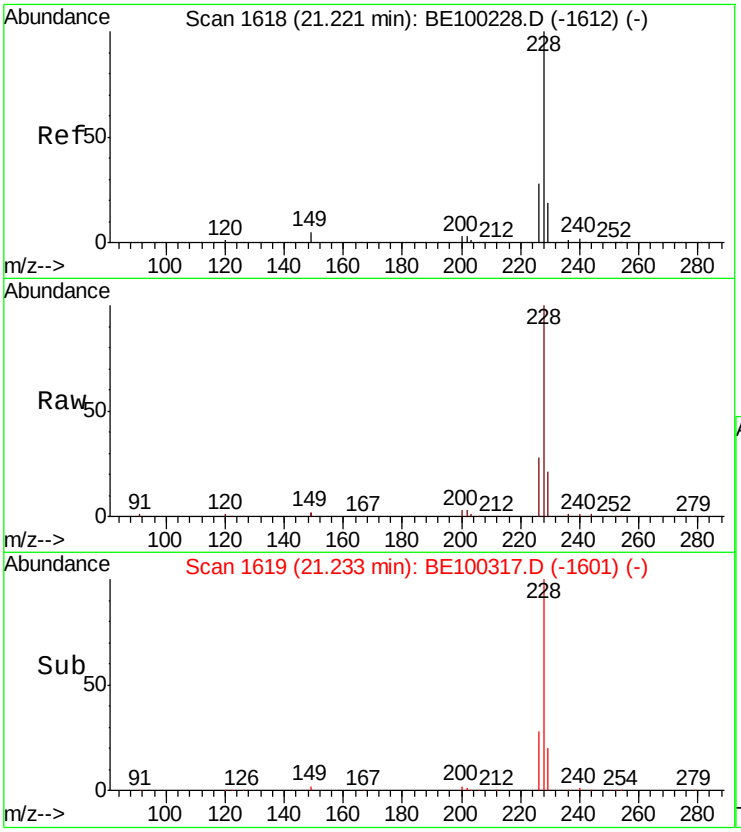


#29
Terphenyl-d14
Concen: 0.024 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:244 Resp: 386

Ion	Ratio	Lower	Upper
244	100		
212	130.0	27.3	40.9#
122	29.7	4.7	7.1#



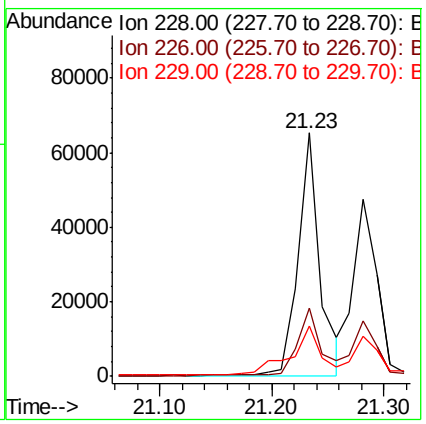


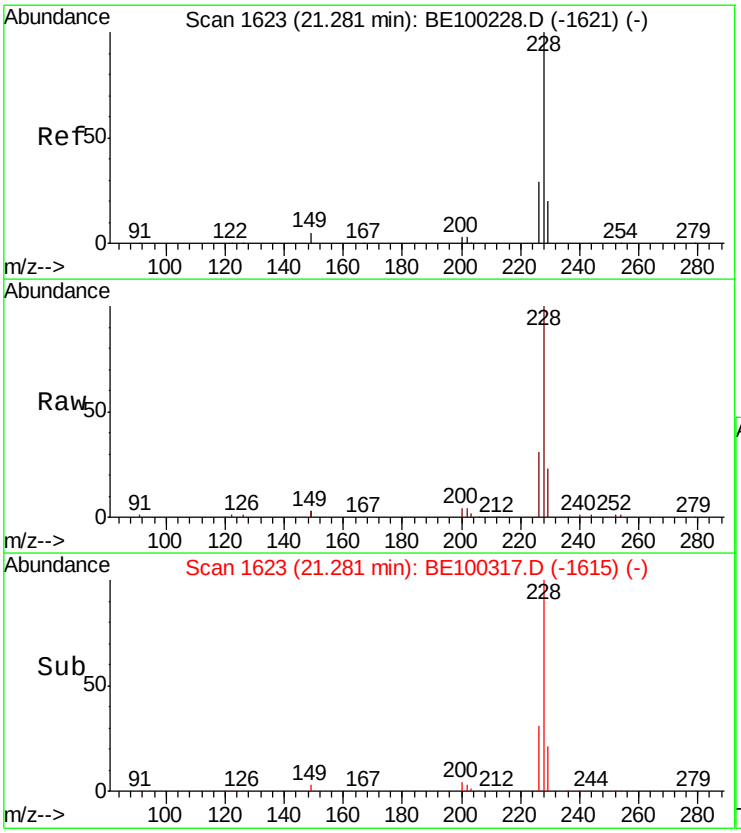
#30
Benzo(a)anthracene
Concen: 3.353 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:228 Resp: 86922

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.2	34.8
229	20.6	15.7	23.5

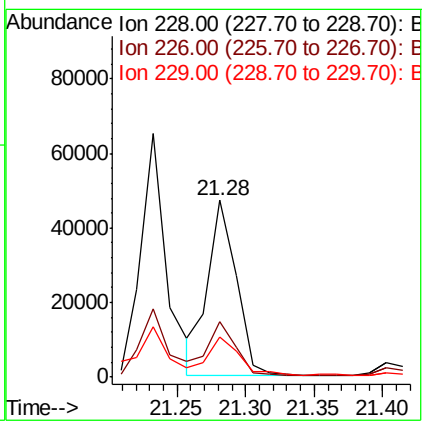


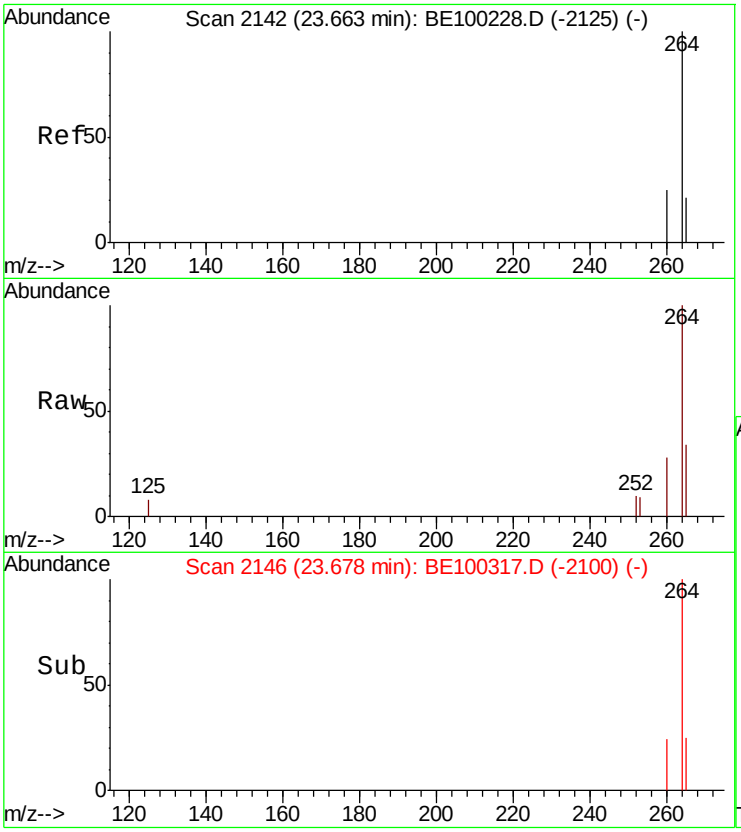


#31
Chrysene
Concen: 2.604 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:228 Resp: 67785

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	22.6	16.5	24.7



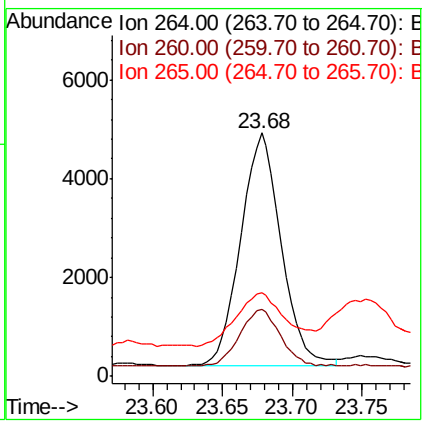


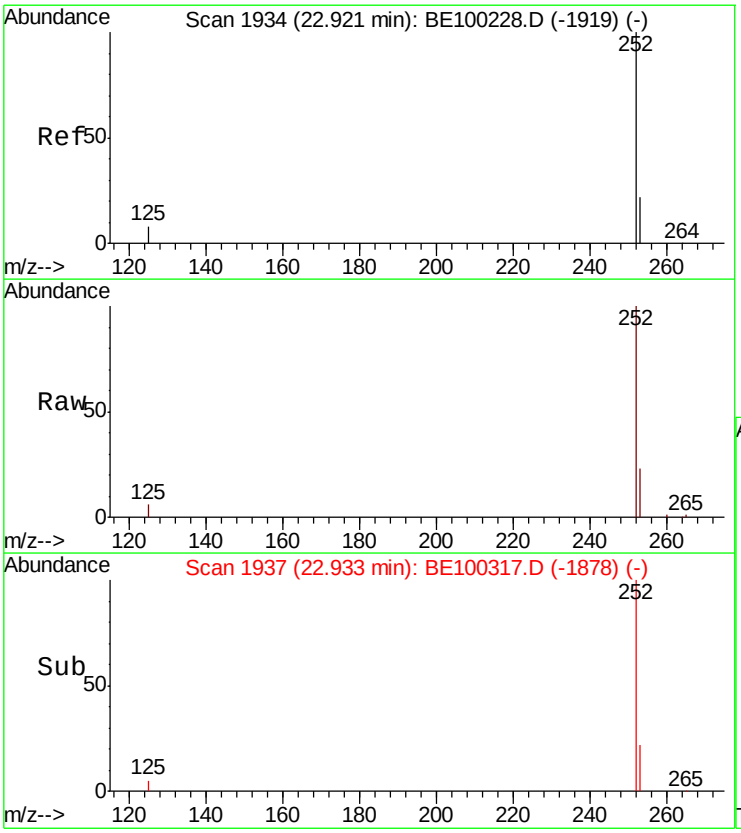
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. 0.02 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:264 Resp: 9513

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.8	31.2
265	34.3	21.8	32.6#

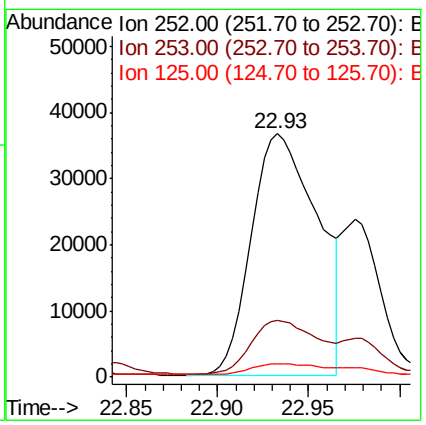


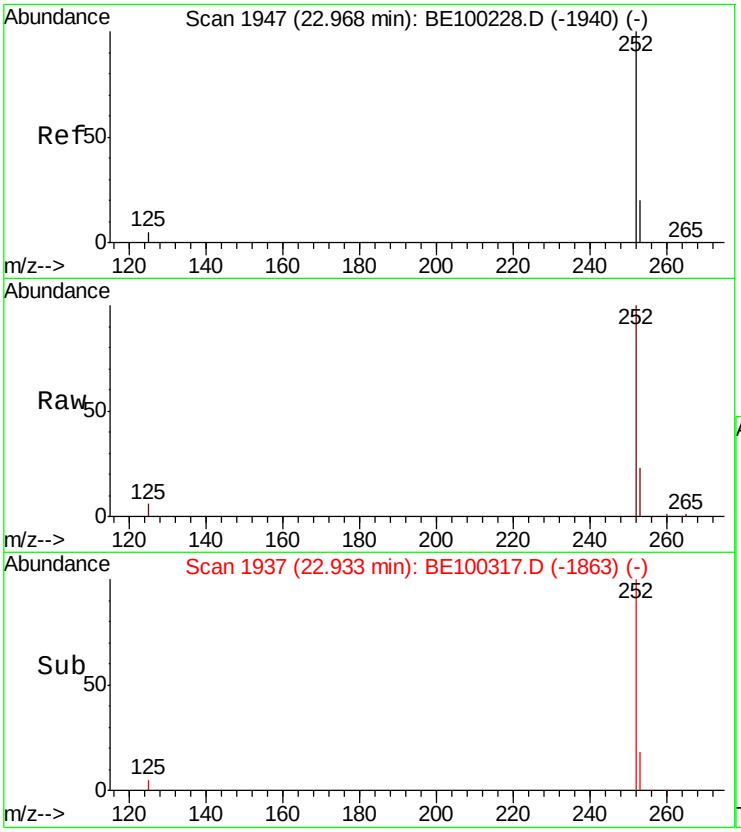


#35
Benzo(b)fluoranthene
Concen: 3.584 ng
RT: 22.93 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Tgt Ion:252 Resp: 92451

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	5.5	7.4	11.0#





#36
Benzo(k)fluoranthene
Concen: 3.211 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BE100317.D
Acq: 3 Jul 2019 00:04

Instrument :
BNA_E
ClientSampleId :
PST-013-B211-062019DL

Tgt Ion:252 Resp: 92451

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	5.5	5.0	7.4