Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100318.D
Acq On : 3 Jul 2019 00:40
Operator : JU/SJ
Sample : K3505-04DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-013-B039-062019DL

Quant Time: Jul 03 02:15:23 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	983	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3361	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2577	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	7168	0.40	ng		0.01
27) Chrysene-d12	21.24	240	9195	0.40	ng		0.00
34) Perylene-d12	23.68	264	10874	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	287	0.11	ng		0.01
5) Phenol-d6	6.84	99	396	0.12	ng		0.00
8) Nitrobenzene-d5	8.82	82	331	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	712	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	215	0.12	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	1022	0.10	ng		0.00
25) Fluoranthene-d10	19.10	212	9083	0.09	ng		0.00
29) Terphenyl-d14	19.70	244	2013	0.11	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	17.11	178	60453	3.480	ng		100
26) Fluoranthene	19.13	202	108789	3.931	ng		99
28) Pyrene	19.49	202	113488	4.662	ng		96
30) Benzo(a)anthracene	21.23	228	70433	2.330	ng		98
31) Chrysene	21.28	228	63052	2.077	ng		97
35) Benzo(b)fluoranthene	22.93	252	74415	2.524	ng	#	97
36) Benzo(k)fluoranthene	22.93	252	74415	2.261	ng		98

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

Quantitation Report (Not Reviewed)

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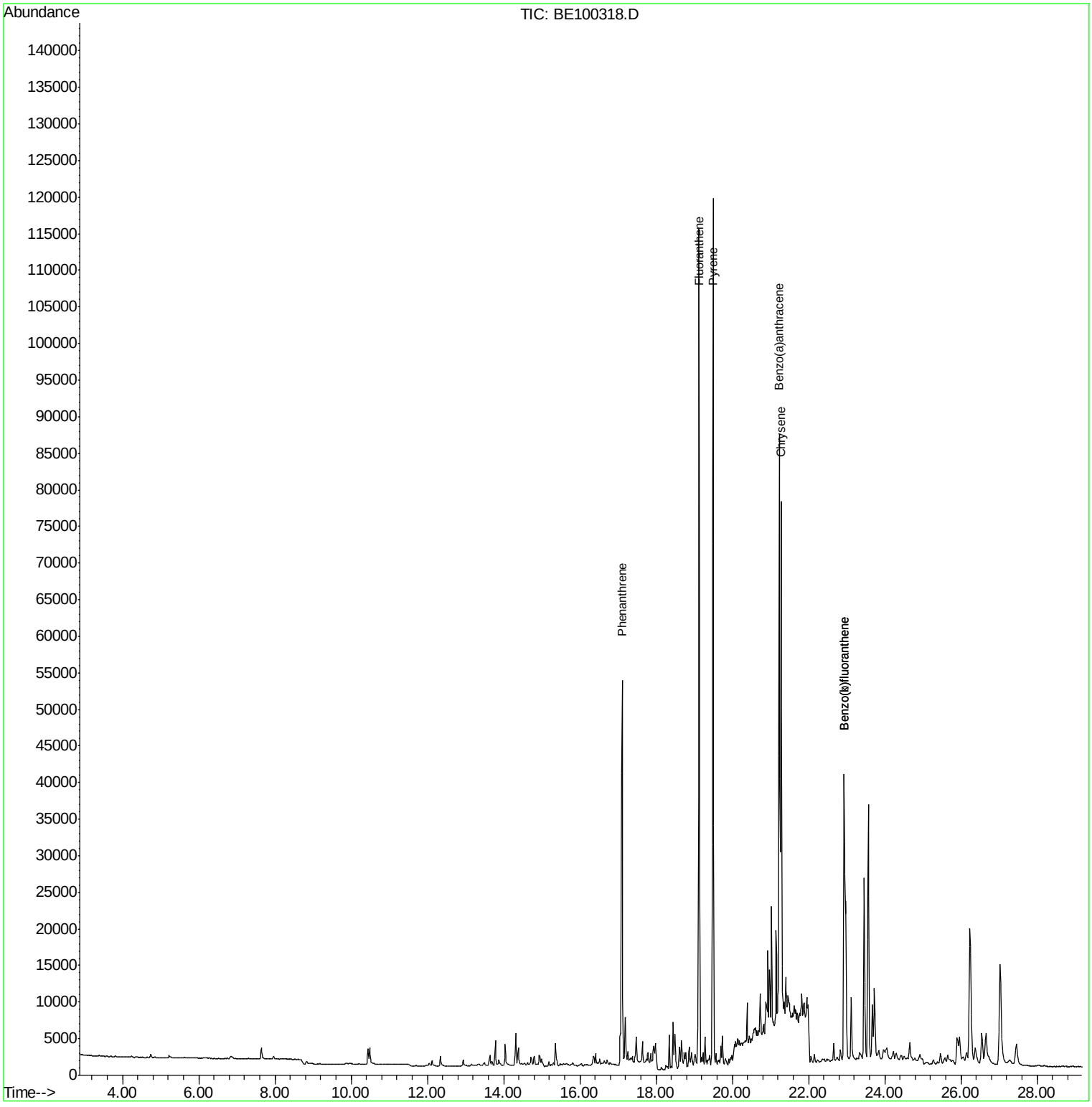
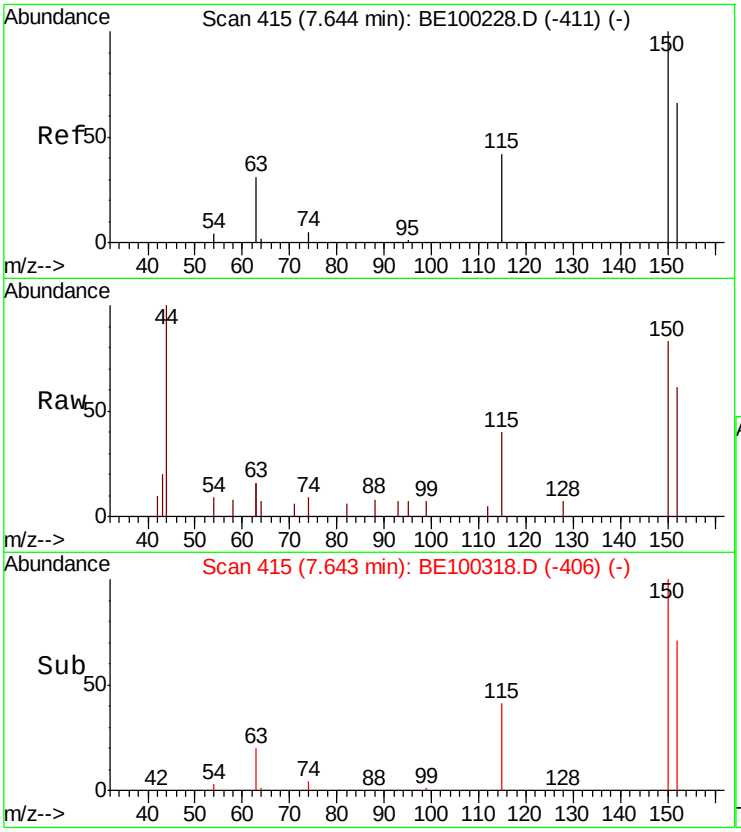
Acq On : 3 Jul 2019 00:40
Operator : JU/SJ
Sample : K3505-04DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Quant Time: Jul 03 02:15:23 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



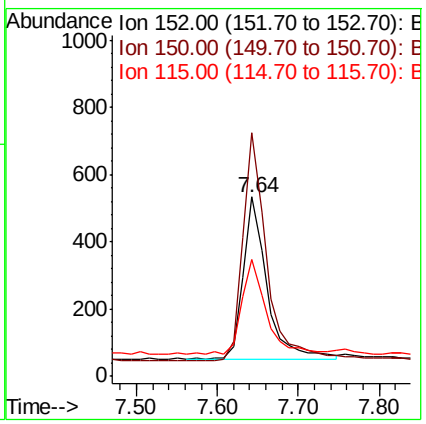


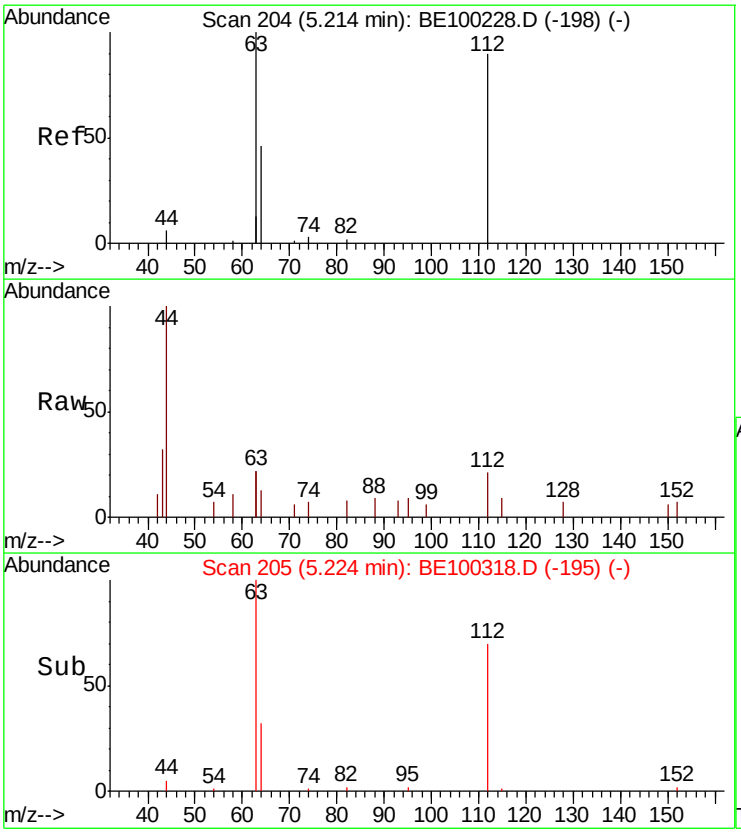
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:152 Resp: 983

Ion	Ratio	Lower	Upper
152	100		
150	135.6	114.5	171.7
115	64.8	57.1	85.7

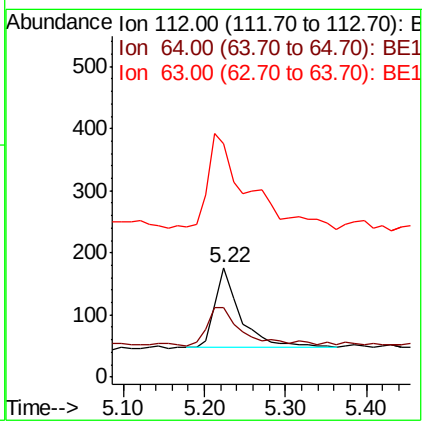


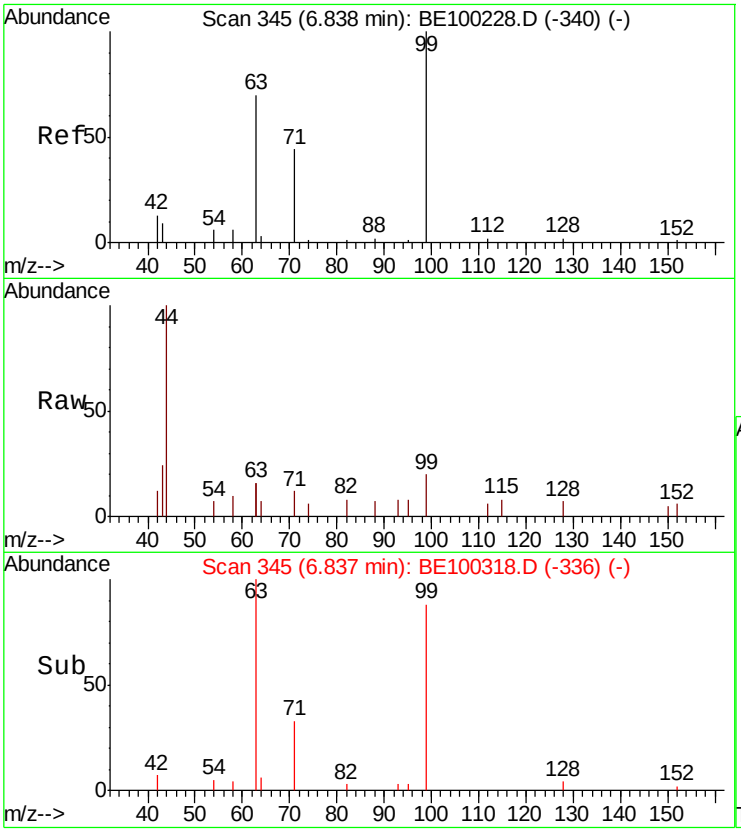


#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:112 Resp: 287

Ion	Ratio	Lower	Upper
112	100		
64	62.7	39.4	59.0#
63	162.4	104.5	156.7#



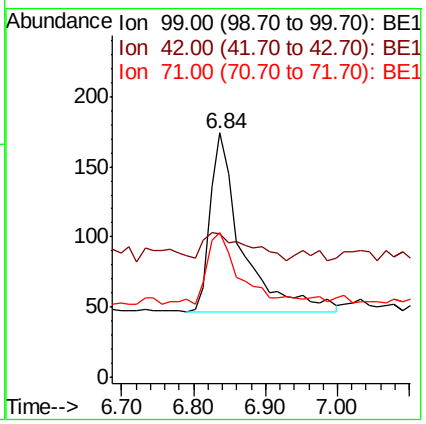


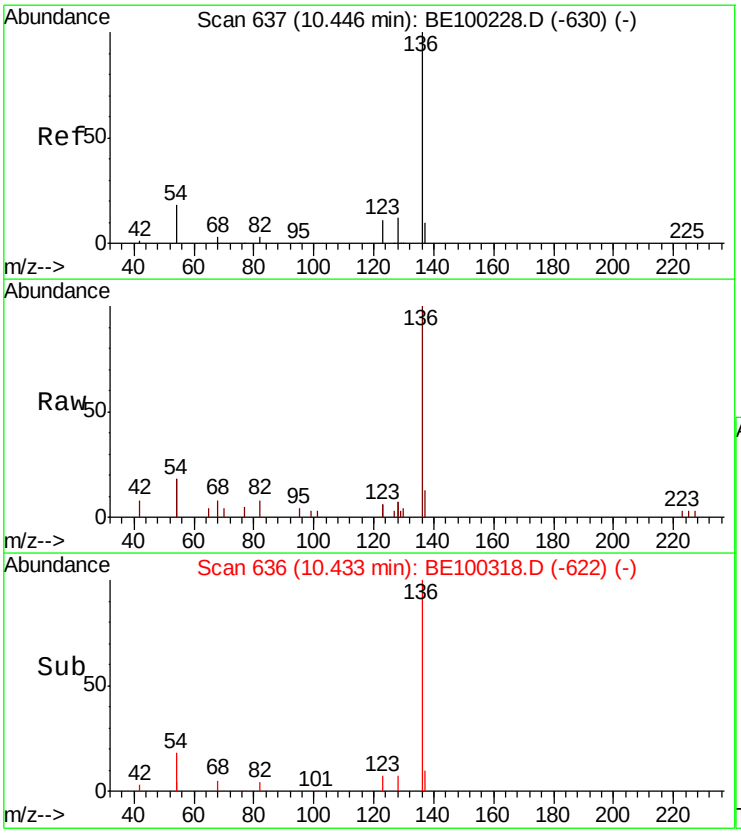
#5
Phenol-d6
Concen: 0.120 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion: 99 Resp: 396

Ion	Ratio	Lower	Upper
99	100		
42	21.2	11.2	16.8#
71	38.9	37.2	55.8

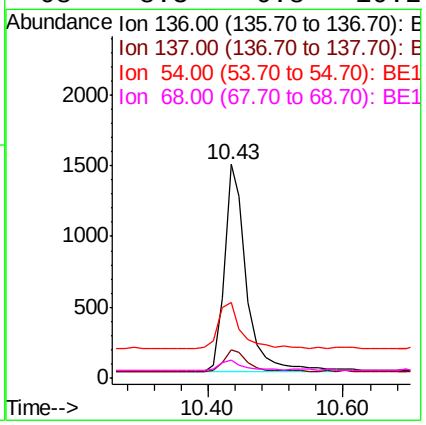


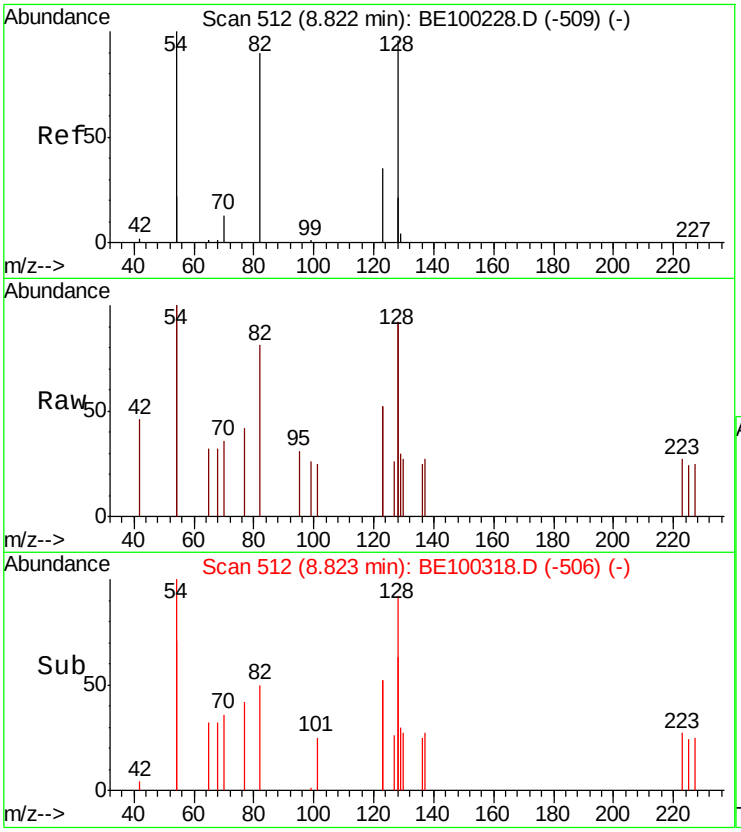


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:136 Resp: 3361

Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.8	17.8
54	35.4	27.7	41.5
68	8.3	6.8	10.2



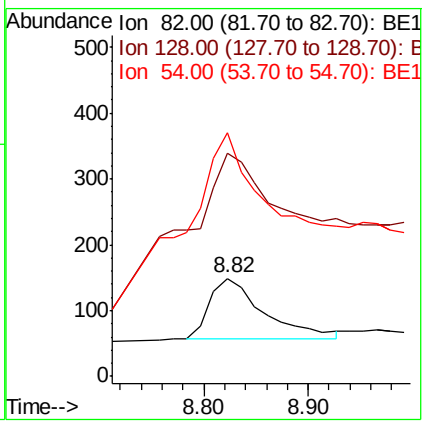


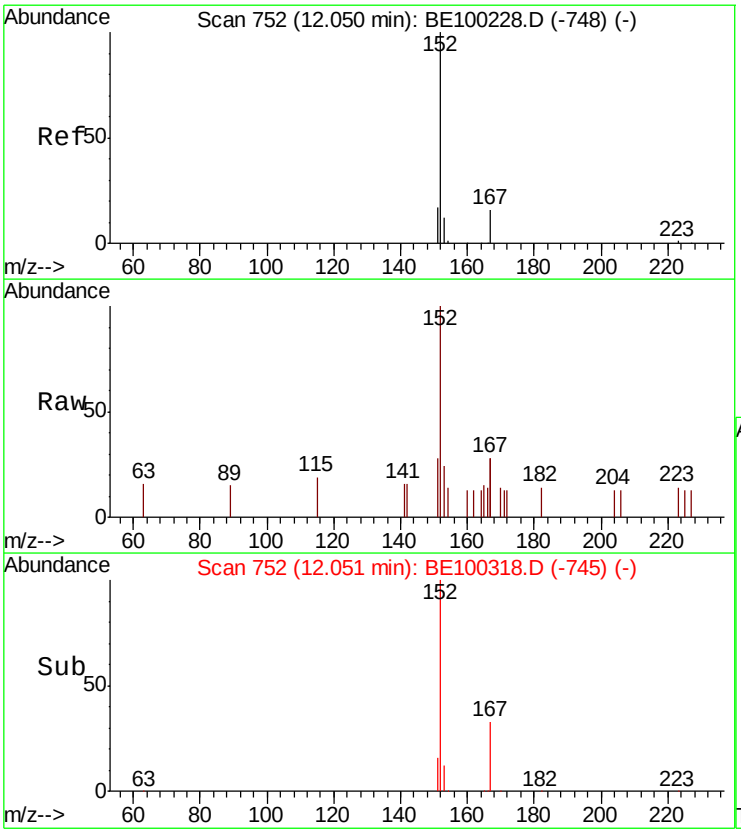
#8
Nitrobenzene-d5
Concen: 0.099 ng
RT: 8.82 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion: 82 Resp: 331

Ion	Ratio	Lower	Upper
82	100		
128	228.2	140.9	211.3#
54	248.3	146.2	219.2#

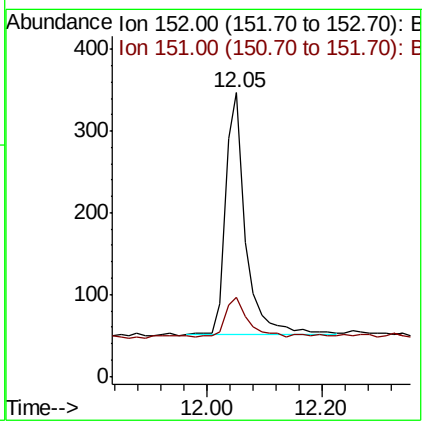


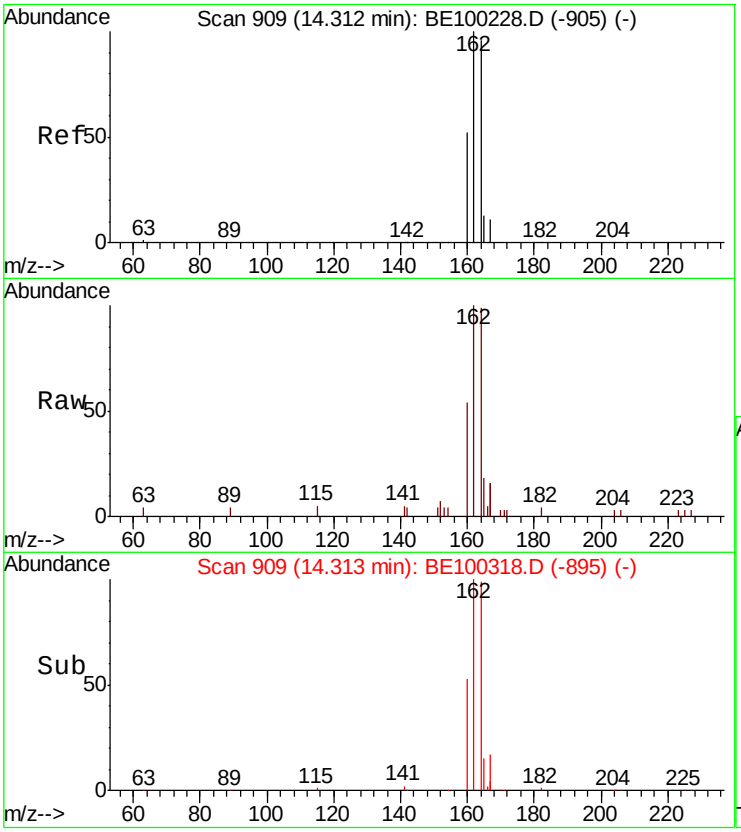


#11
2-Methylnaphthalene-d10
Concen: 0.113 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:152 Resp: 712

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.1	22.7



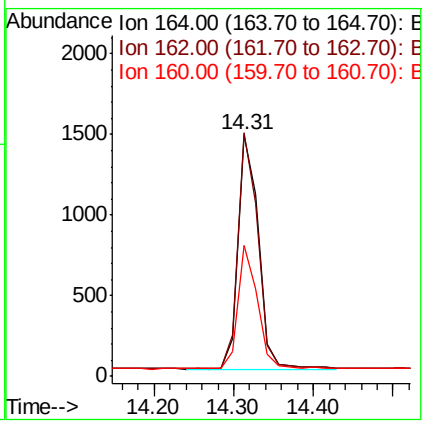


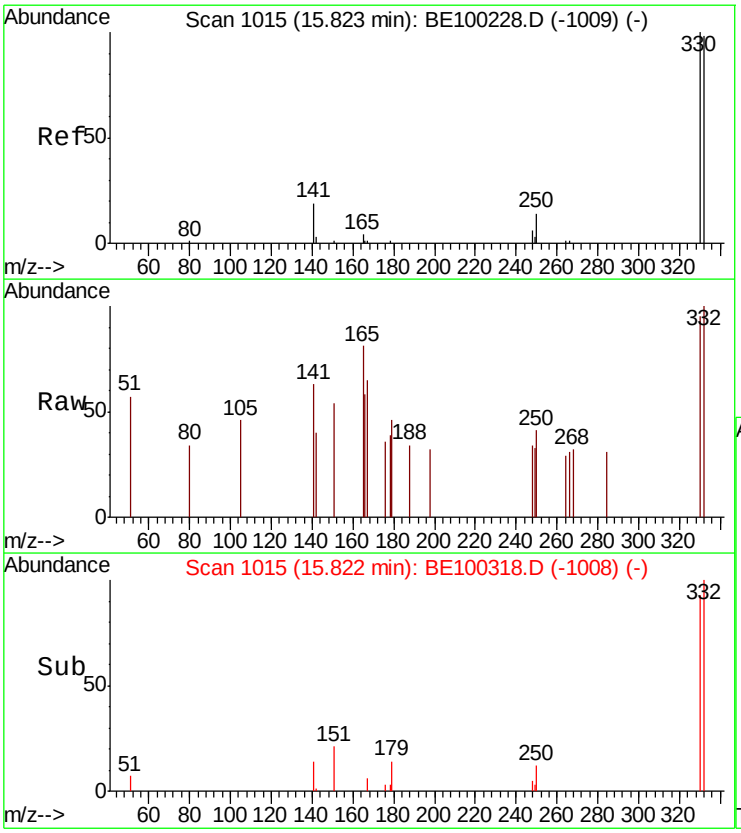
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:164 Resp: 2577

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.4	125.0
160	54.6	45.0	67.6

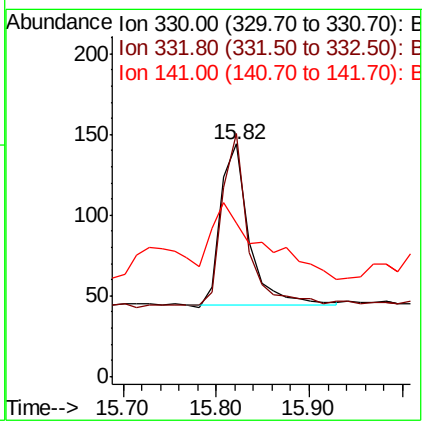


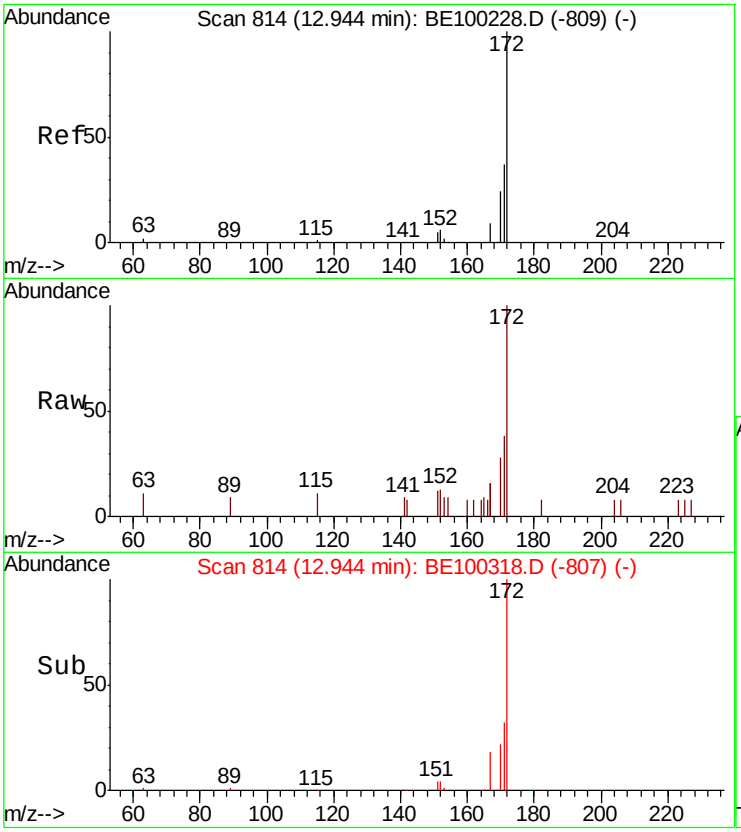


#14
2,4,6-Tribromophenol
Concen: 0.119 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:330 Resp: 215

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.4
141	83.7	22.0	33.0#



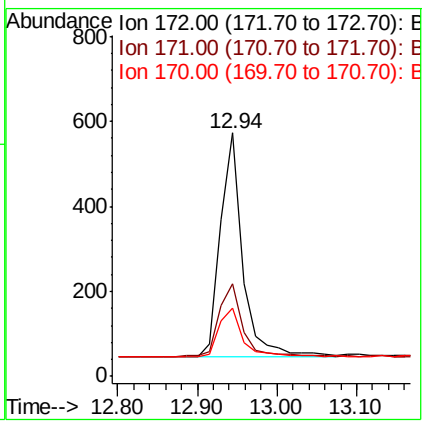


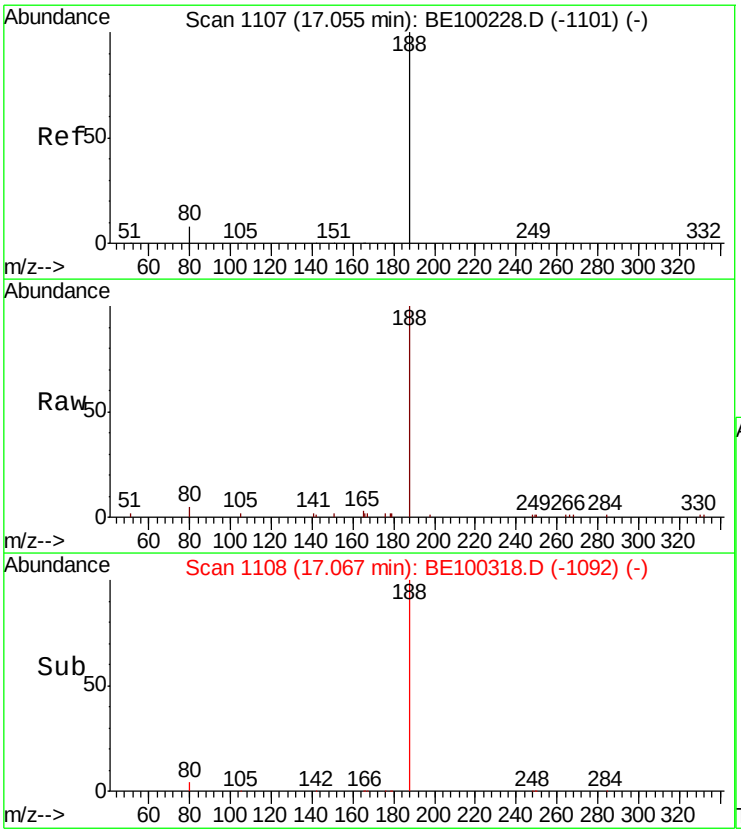
#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:172 Resp: 1022

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.9	47.9
170	28.1	22.2	33.2

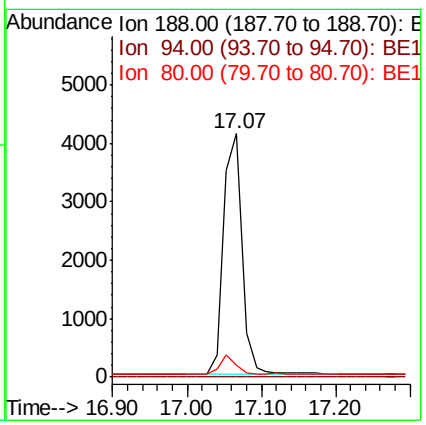


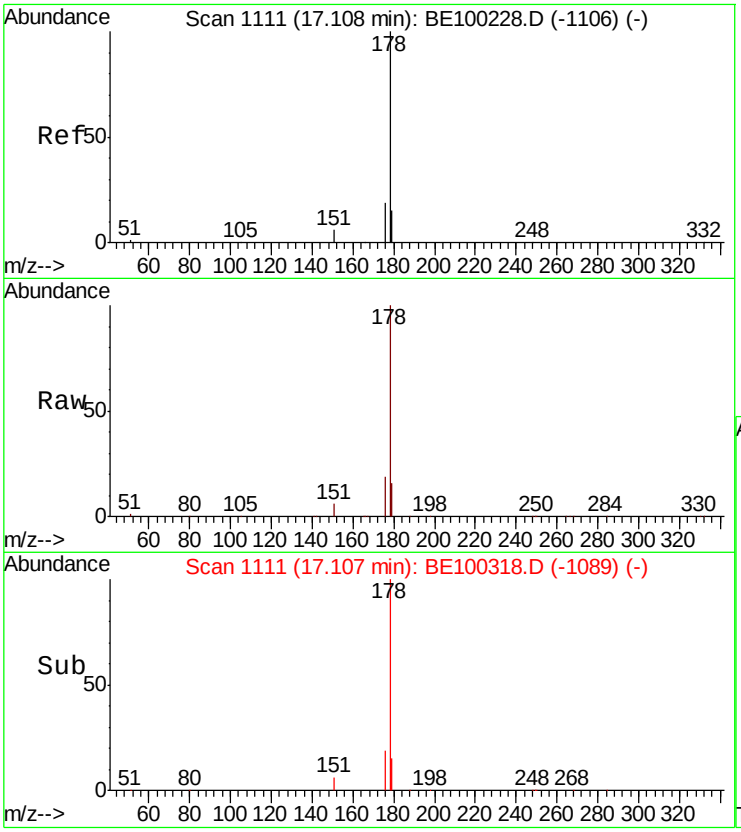


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:188 Resp: 7168

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.8	7.6	11.4#



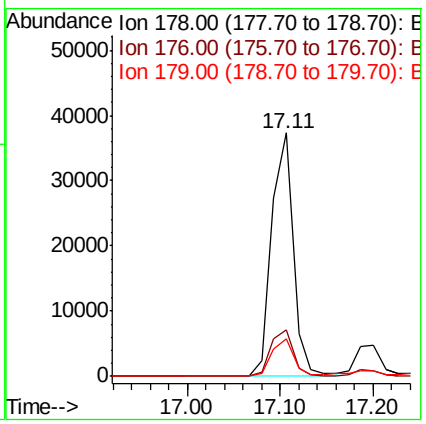


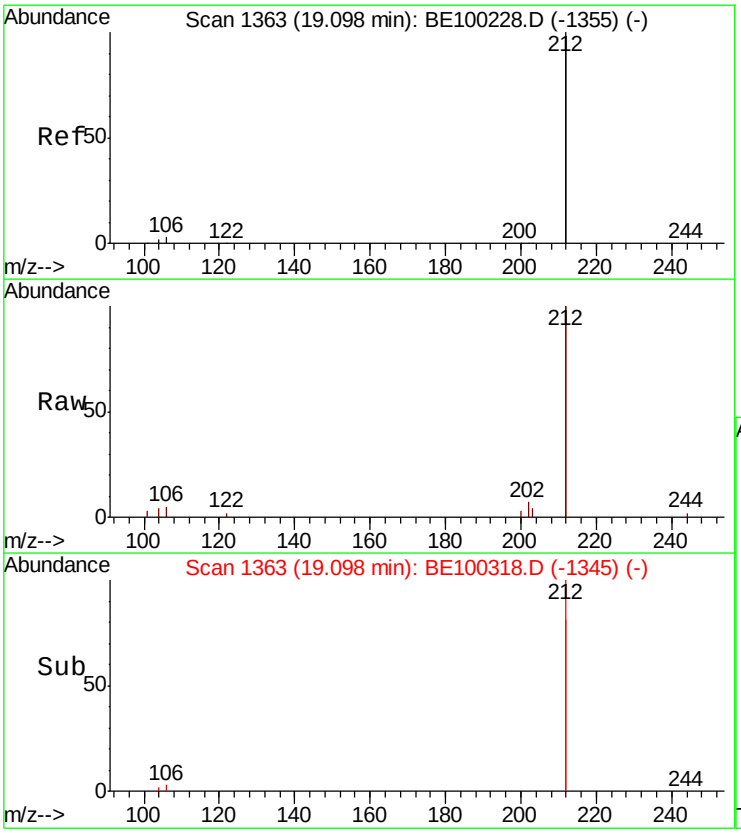
#23
Phenanthrene
Concen: 3.480 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:178 Resp: 60453

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.4	12.2	18.2

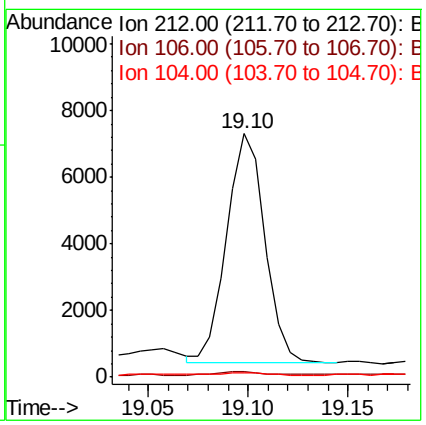


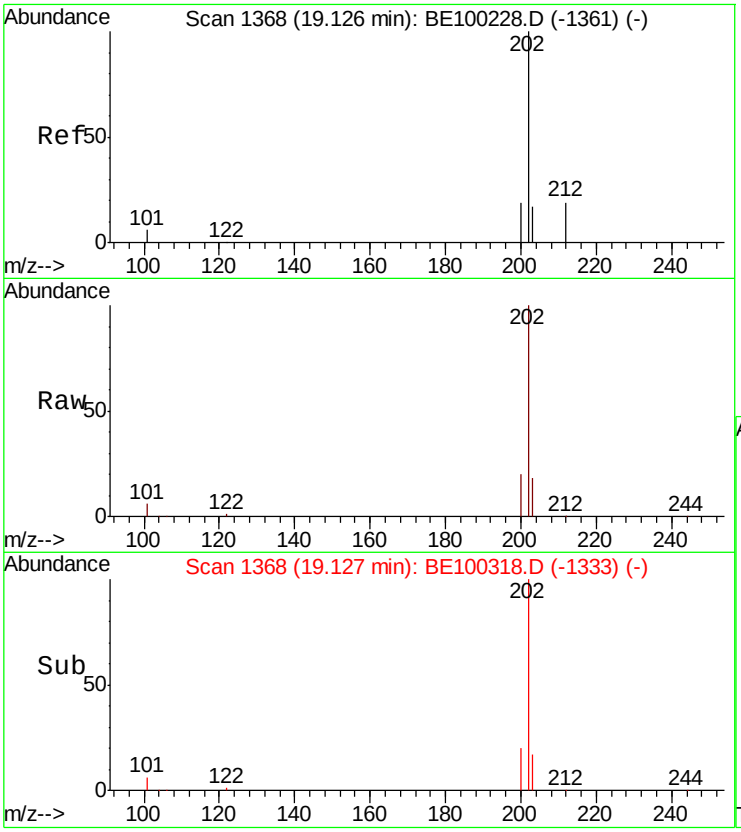


#25
Fluoranthene-d10
Concen: 0.087 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:212 Resp: 9083

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	0.9	0.8	1.2



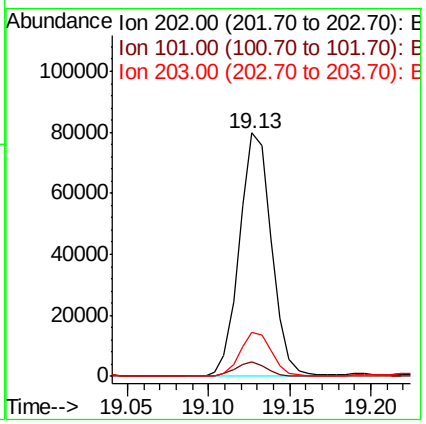


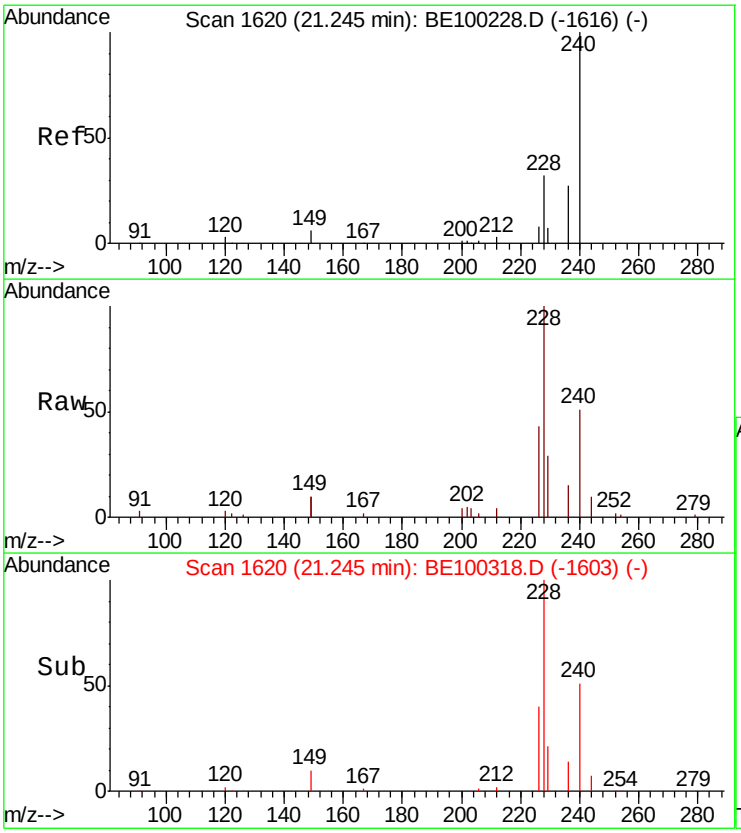
#26
Fluoranthene
Concen: 3.931 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:202 Resp: 108789

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	7.0
203	17.6	13.7	20.5

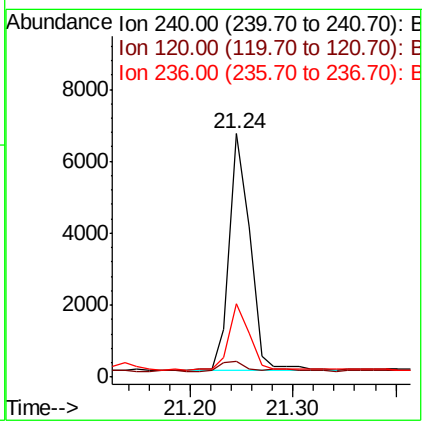


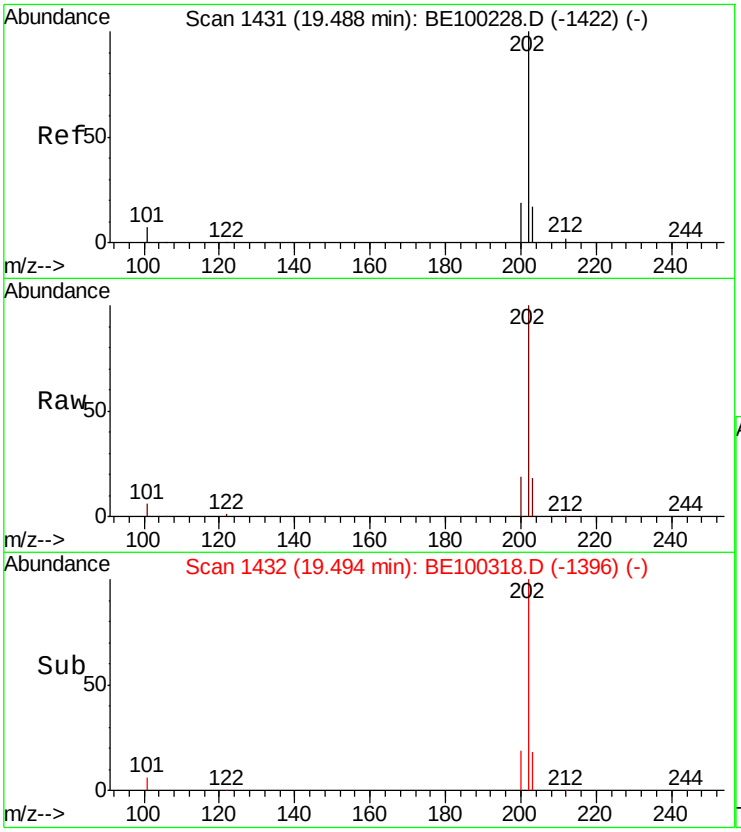


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:240 Resp: 9195

Ion	Ratio	Lower	Upper
240	100		
120	6.3	3.3	4.9#
236	30.3	22.6	34.0



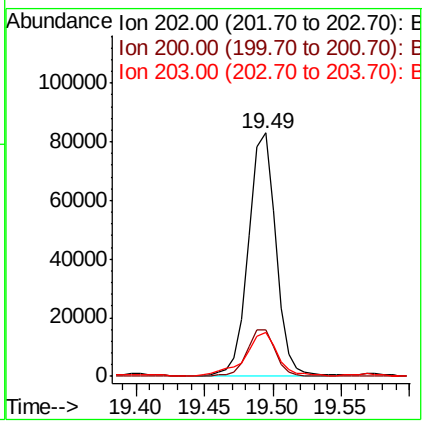


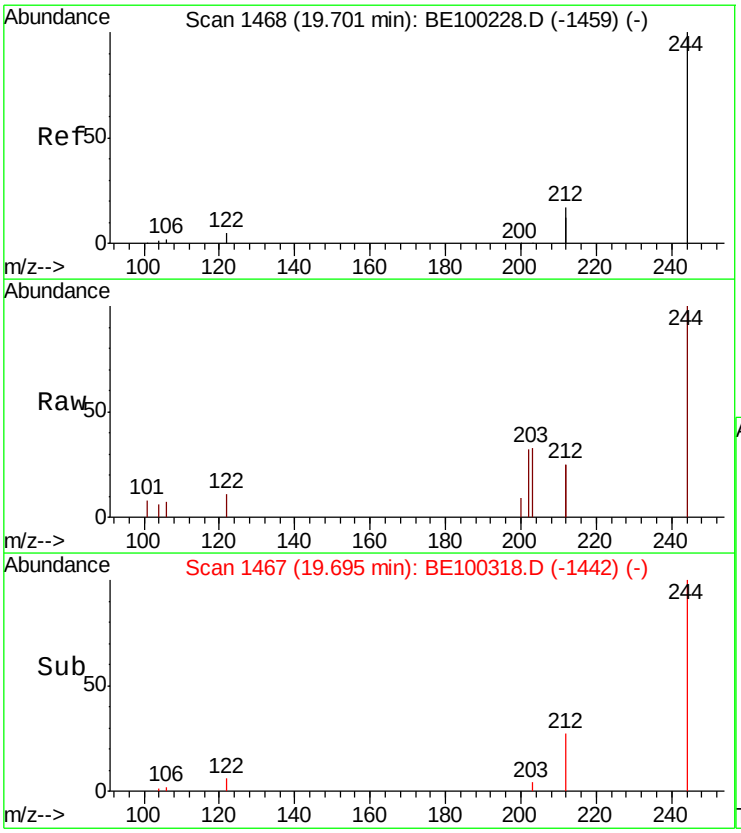
#28
Pyrene
Concen: 4.662 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:202 Resp: 113488

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.6	14.0	21.0

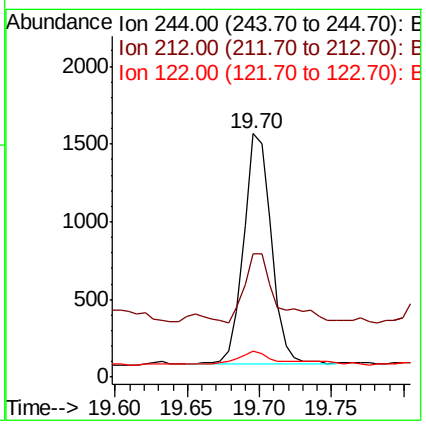


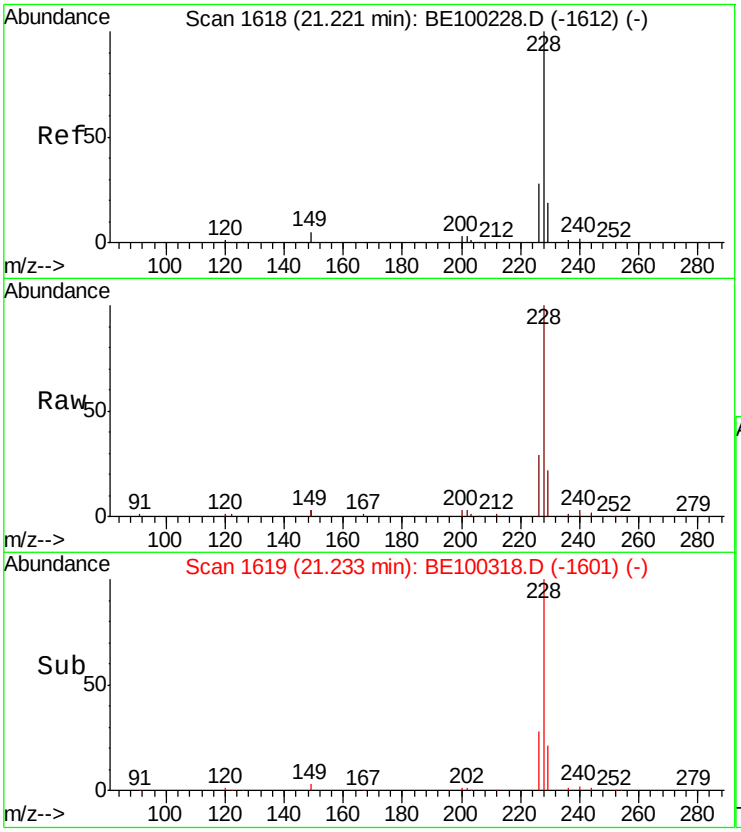


#29
Terphenyl-d14
Concen: 0.106 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:244 Resp: 2013

Ion	Ratio	Lower	Upper
244	100		
212	50.5	27.3	40.9#
122	10.7	4.7	7.1#



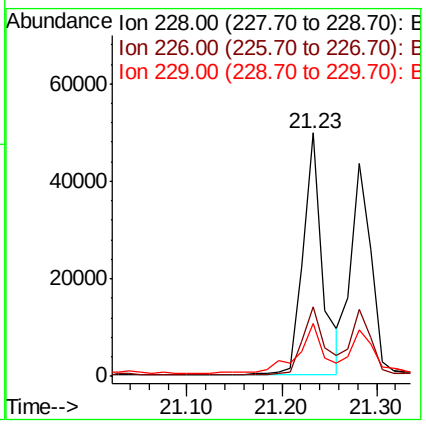


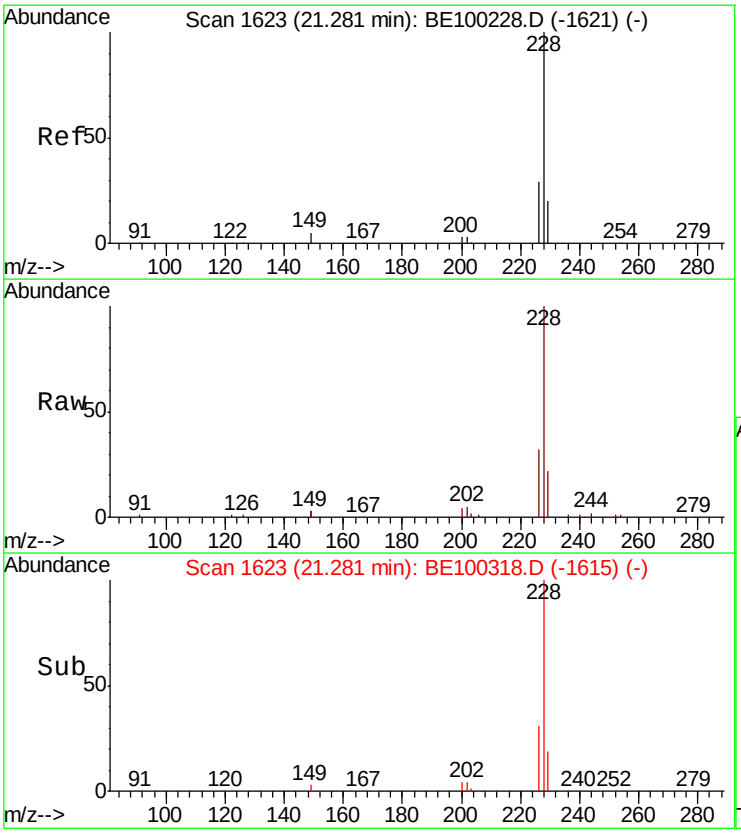
#30
Benzo(a)anthracene
Concen: 2.330 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:228 Resp: 70433

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	21.9	15.7	23.5

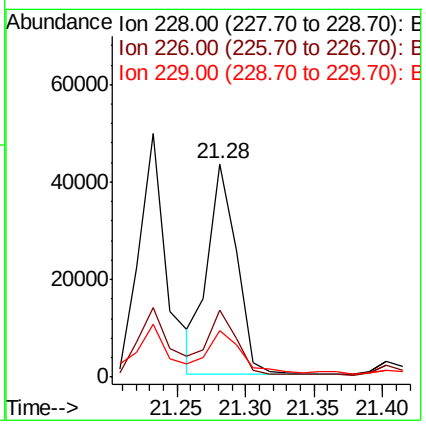


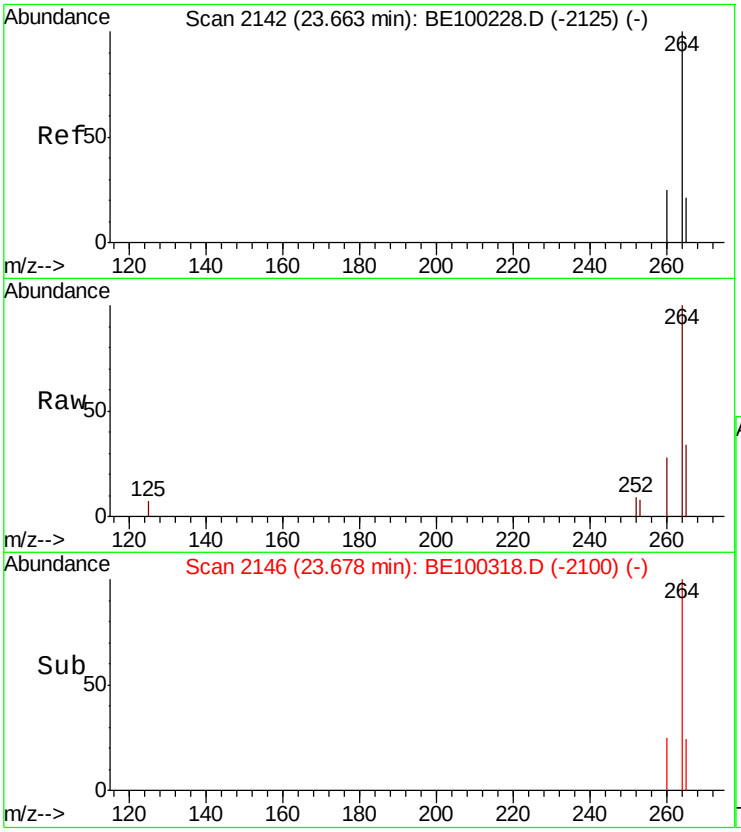


#31
Chrysene
Concen: 2.077 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:228 Resp: 63052

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.9	35.9
229	22.1	16.5	24.7



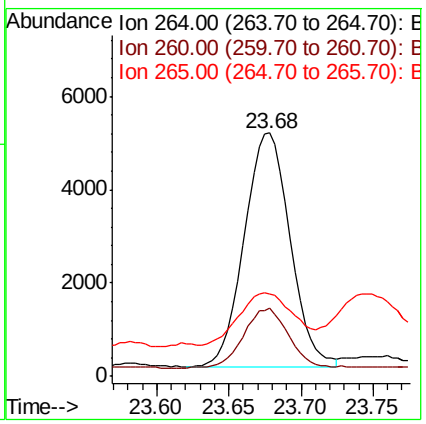


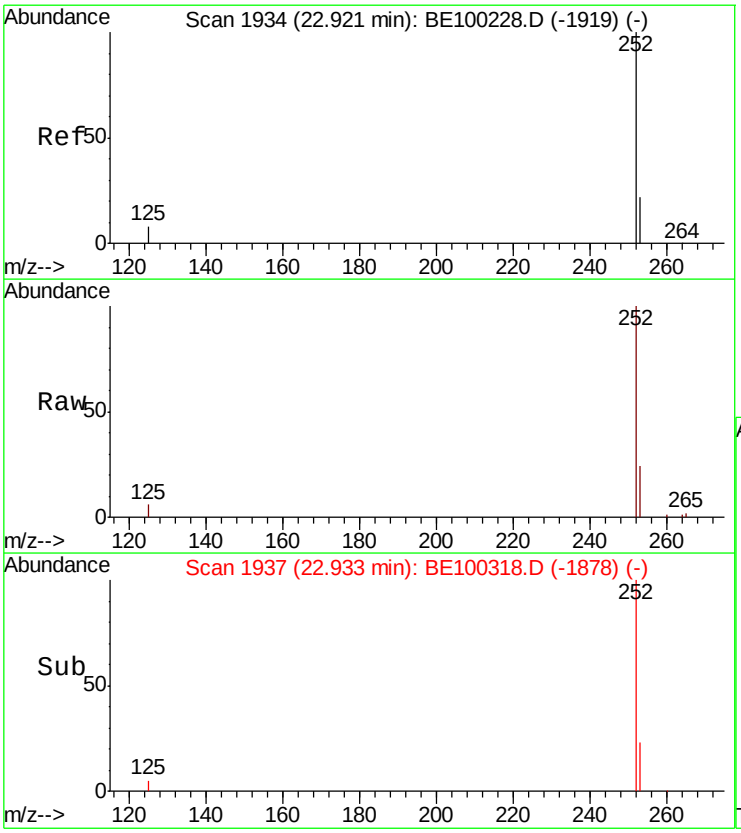
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. 0.02 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:264 Resp: 10874

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.8	31.2
265	33.8	21.8	32.6#

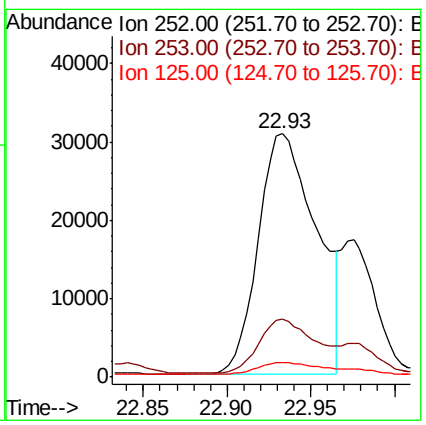


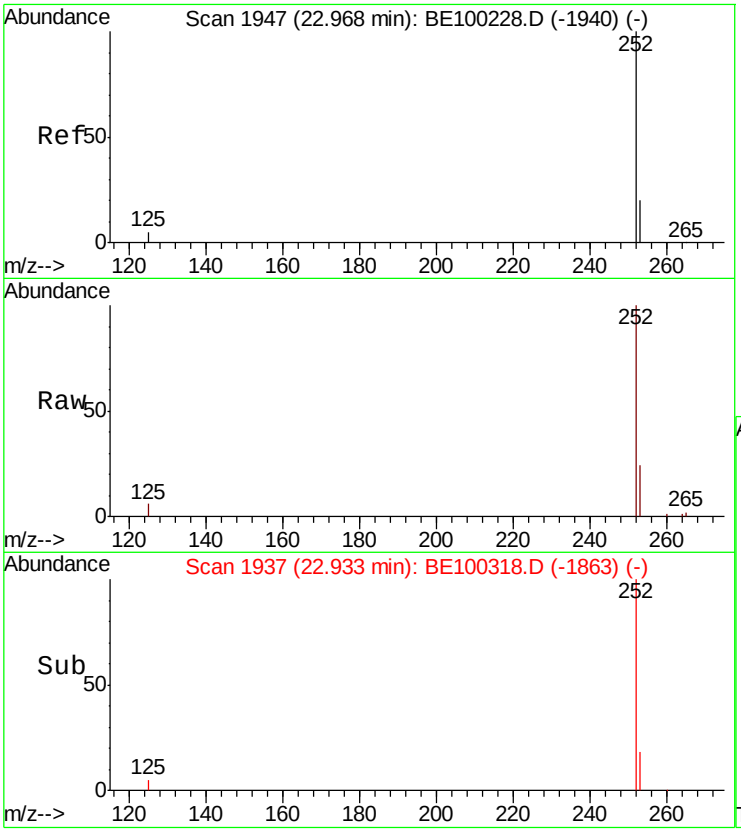


#35
Benzo(b)fluoranthene
Concen: 2.524 ng
RT: 22.93 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Tgt Ion:252 Resp: 74415

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	5.9	7.4	11.0#





#36
Benzo(k)fluoranthene
Concen: 2.261 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BE100318.D
Acq: 3 Jul 2019 00:40

Instrument :
BNA_E
ClientSampleId :
PST-013-B039-062019DL

Tgt Ion:252 Resp: 74415

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	5.9	5.0	7.4