Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100324.D
Acq On : 3 Jul 2019 12:20
Operator : JU/SJ
Sample : K3505-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-013-SW107-062019-1DL

Quant Time: Jul 04 00:35:06 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	505	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	1822	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	1788	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5712	0.40	ng		0.00
27) Chrysene-d12	21.24	240	7887	0.40	ng		0.00
34) Perylene-d12	23.67	264	9676	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	55	0.04	ng		0.00
5) Phenol-d6	6.88	99	91	0.05	ng		0.05
8) Nitrobenzene-d5	8.89	82	74	0.04	ng		0.06
11) 2-Methylnaphthalene-d10	12.08	152	422	0.12	ng		0.03
14) 2,4,6-Tribromophenol	15.85	330	173	0.14	ng		0.03
15) 2-Fluorobiphenyl	12.94	172	638	0.09	ng		0.00
25) Fluoranthene-d10	19.09	212	7627	0.09	ng		0.00
29) Terphenyl-d14	19.69	244	3220	0.20	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.46	42	30	0.082	ng	#	9
9) Naphthalene	10.50	128	935	0.047	ng	#	71
12) 2-Methylnaphthalene	12.15	142	140	0.040	ng	#	80
16) Acenaphthylene	14.04	152	1679	0.196	ng		98
17) Acenaphthene	14.37	154	272	0.056	ng		85
18) Fluorene	15.37	166	750	0.104	ng	#	91
22) Pentachlorophenol	16.79	266	863	0.758	ng		99
23) Phenanthrene	17.09	178	24238	1.751	ng		100
24) Anthracene	17.19	178	5239	0.420	ng	#	95
26) Fluoranthene	19.12	202	93436	4.237	ng		99
28) Pyrene	19.49	202	87025	4.168	ng		96
30) Benzo(a)anthracene	21.22	228	60069	2.316	ng		98
31) Chrysene	21.28	228	61201	2.350	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	257996	6.981	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	34778	1.010	ng	#	96
35) Benzo(b)fluoranthene	22.93	252	72395	2.760	ng	#	96
36) Benzo(k)fluoranthene	22.93	252	72395	2.472	ng		99
37) Benzo(a)pyrene	23.72	252	11558	0.440	ng		93
38) Dibenzo(a,h)anthracene	26.23	278	8410	0.306	ng	#	89
39) Benzo(g,h,i)perylene	27.01	276	36572	1.296	ng		98

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

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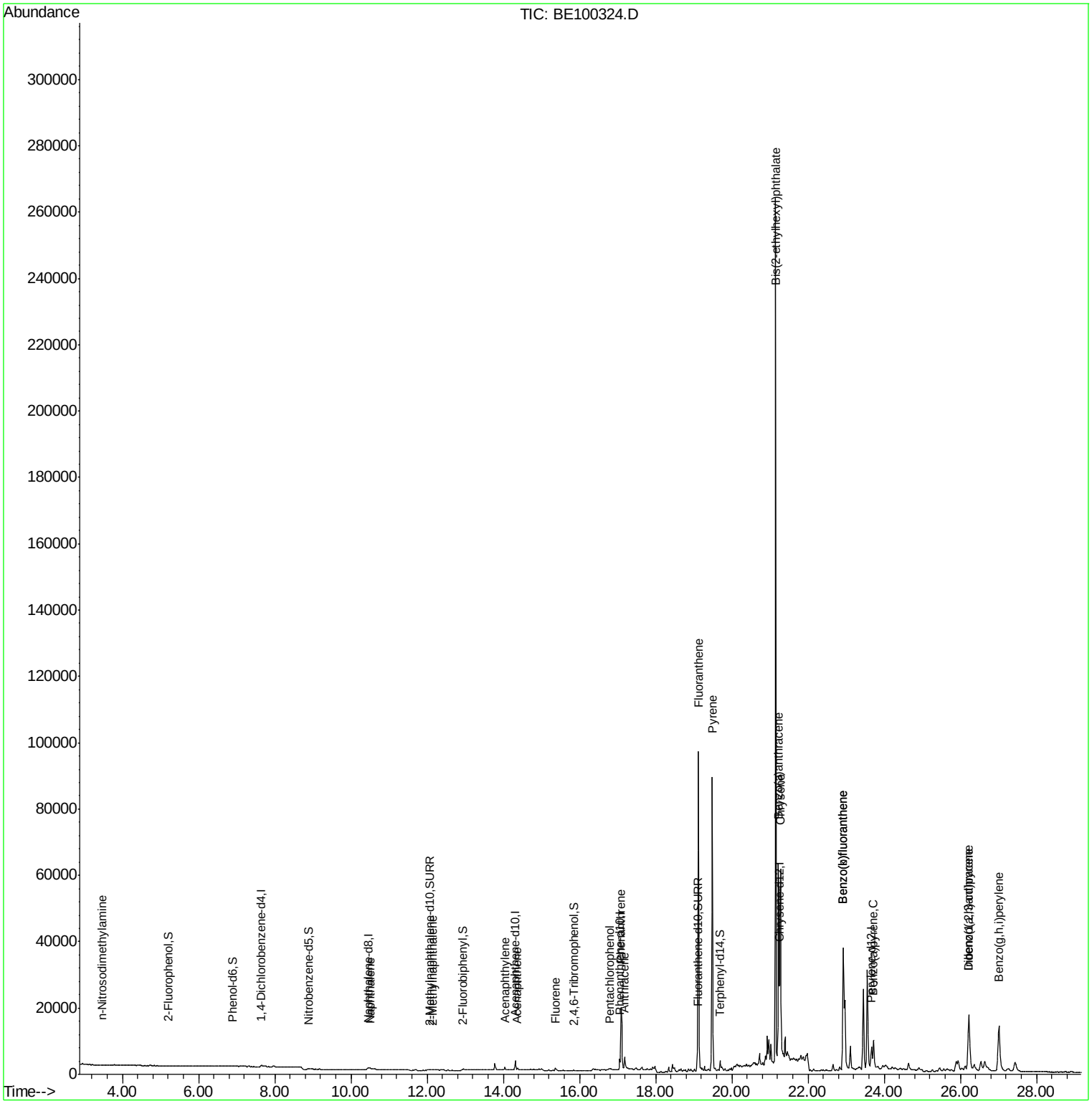
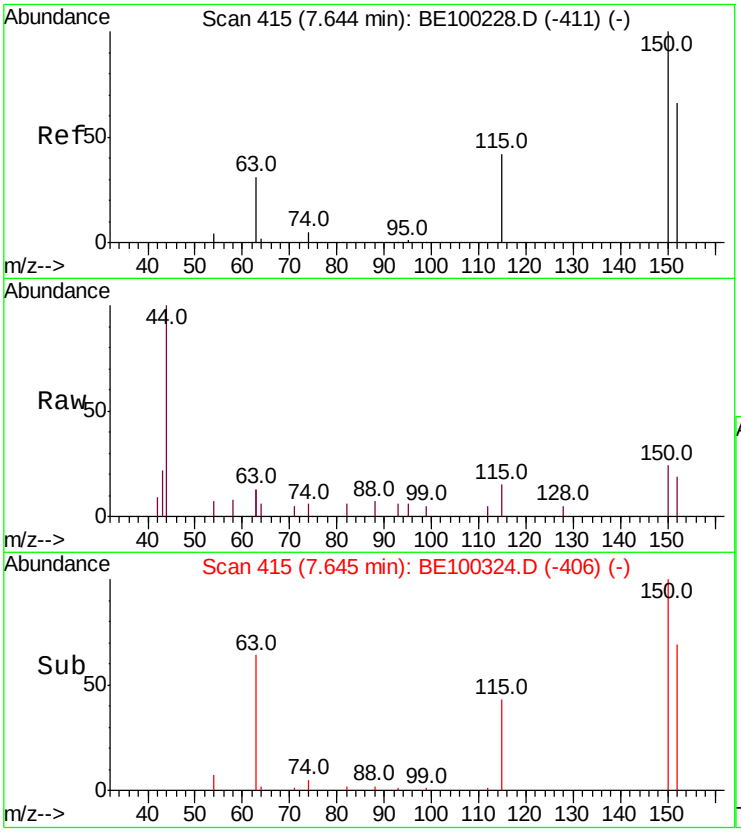


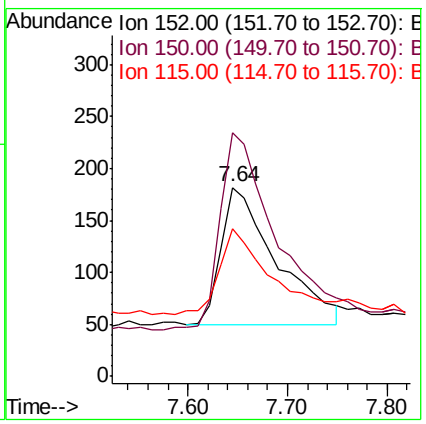


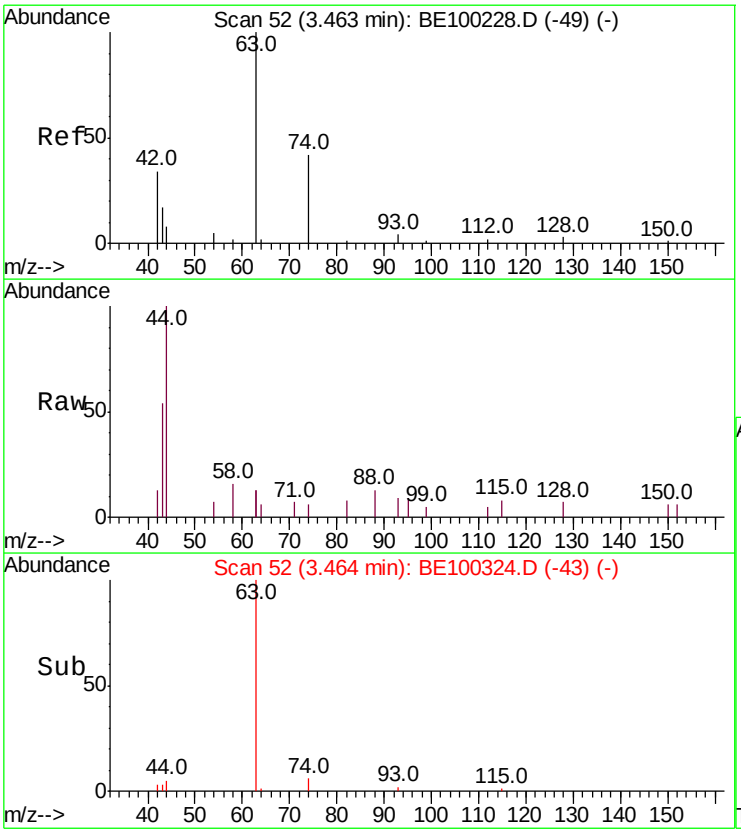
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:152 Resp: 505

Ion	Ratio	Lower	Upper
152	100		
150	128.6	114.5	171.7
115	78.0	57.1	85.7

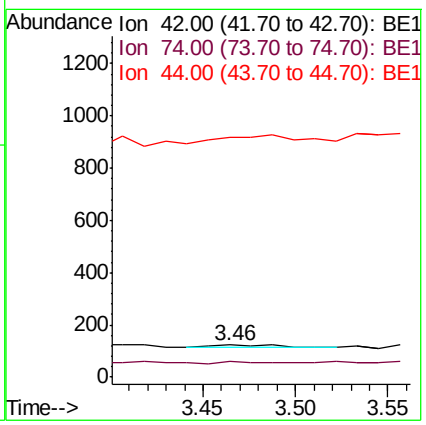


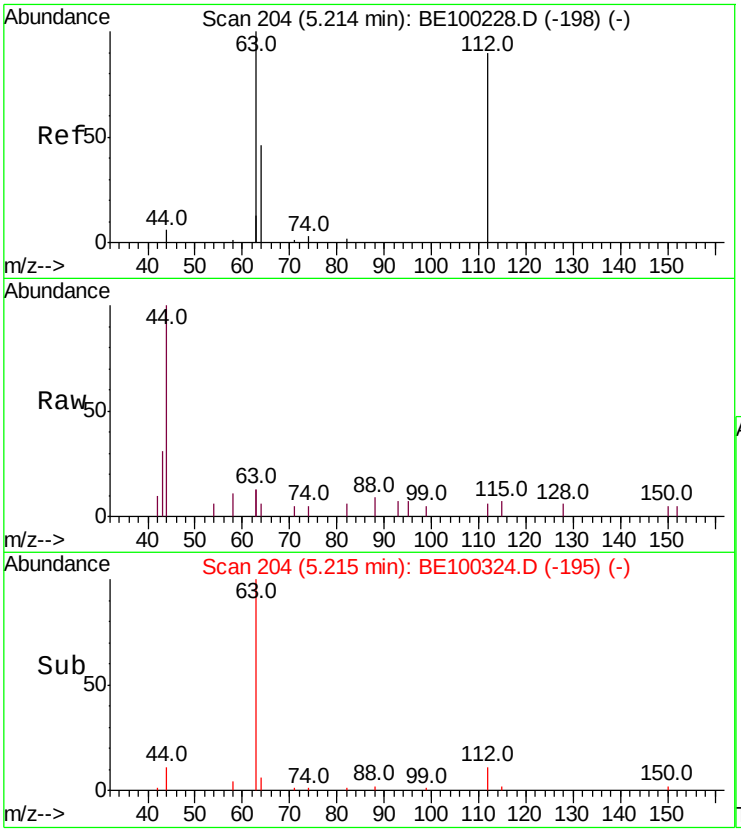


#3
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.46 min Scan# 52
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion: 42 Resp: 30

Ion	Ratio	Lower	Upper
42	100		
74	33.3	130.6	196.0#
44	0.0	38.0	57.0#



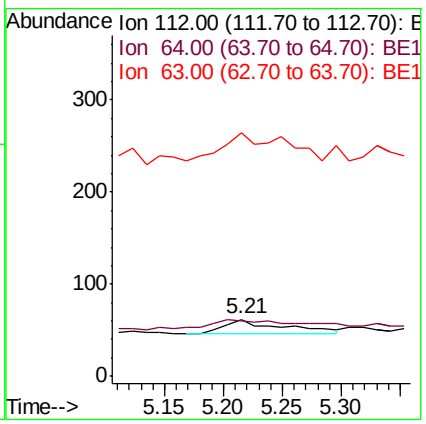


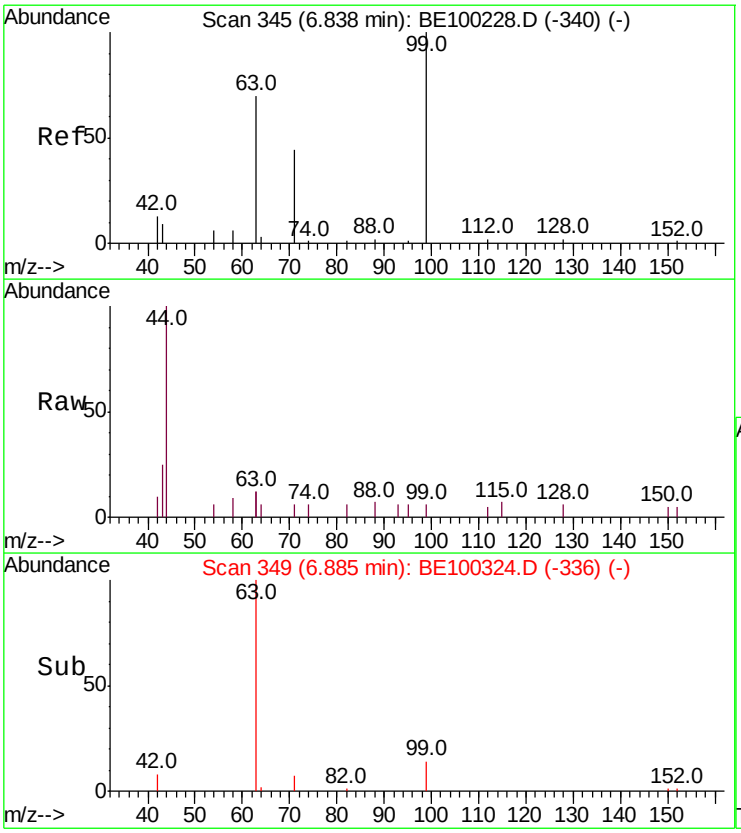
#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.21 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:112 Resp: 55

Ion	Ratio	Lower	Upper
112	100		
64	78.2	39.4	59.0#
63	192.7	104.5	156.7#

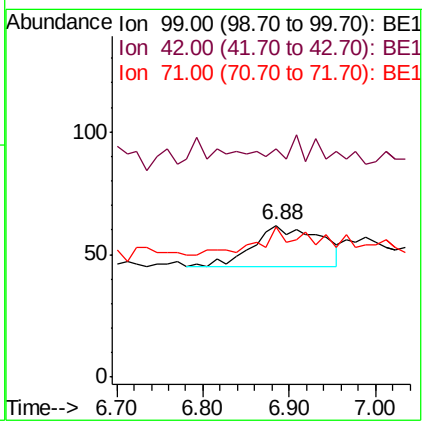


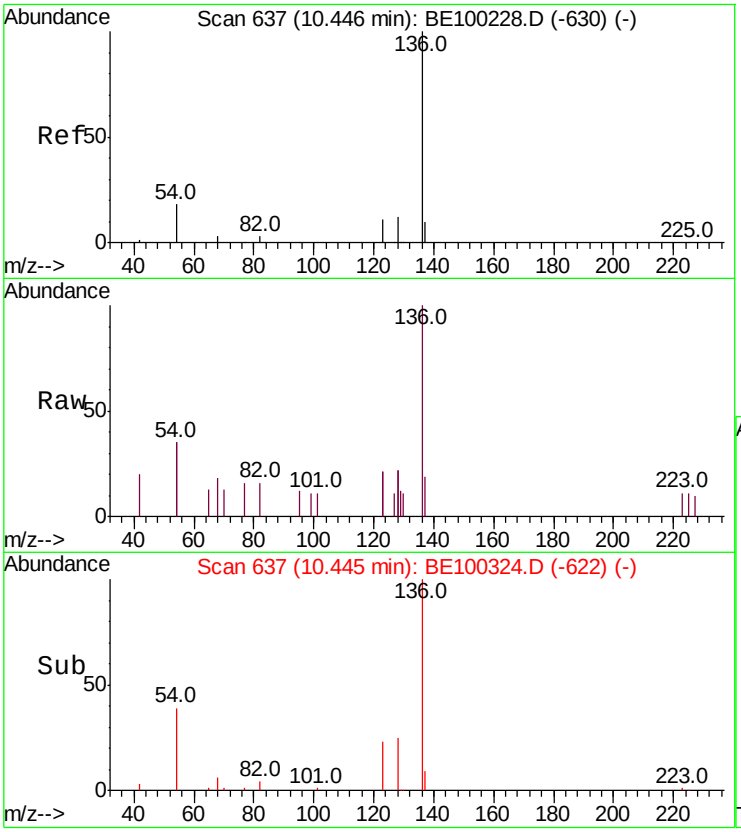


#5
Phenol-d6
Concen: 0.054 ng
RT: 6.88 min Scan# 349
Delta R.T. 0.05 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion: 99 Resp: 91

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	30.8	37.2	55.8#



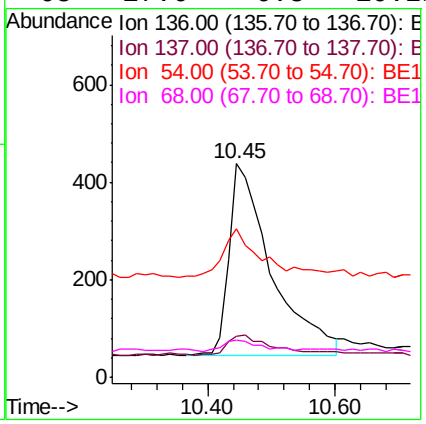


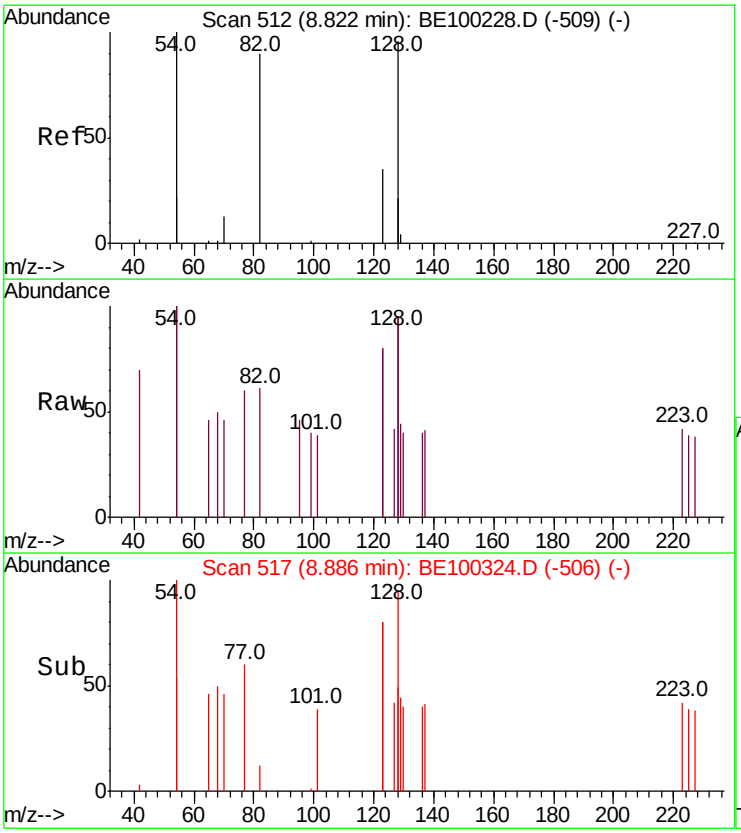
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:136 Resp: 1822

Ion	Ratio	Lower	Upper
136	100		
137	19.2	11.8	17.8#
54	69.9	27.7	41.5#
68	17.6	6.8	10.2#

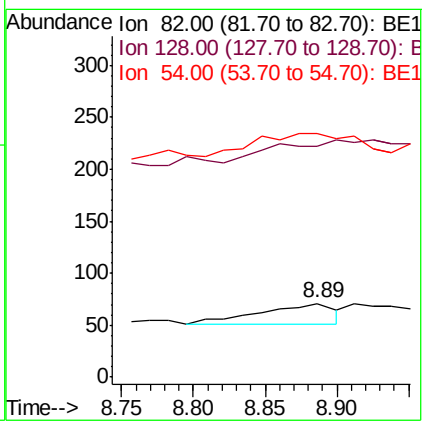


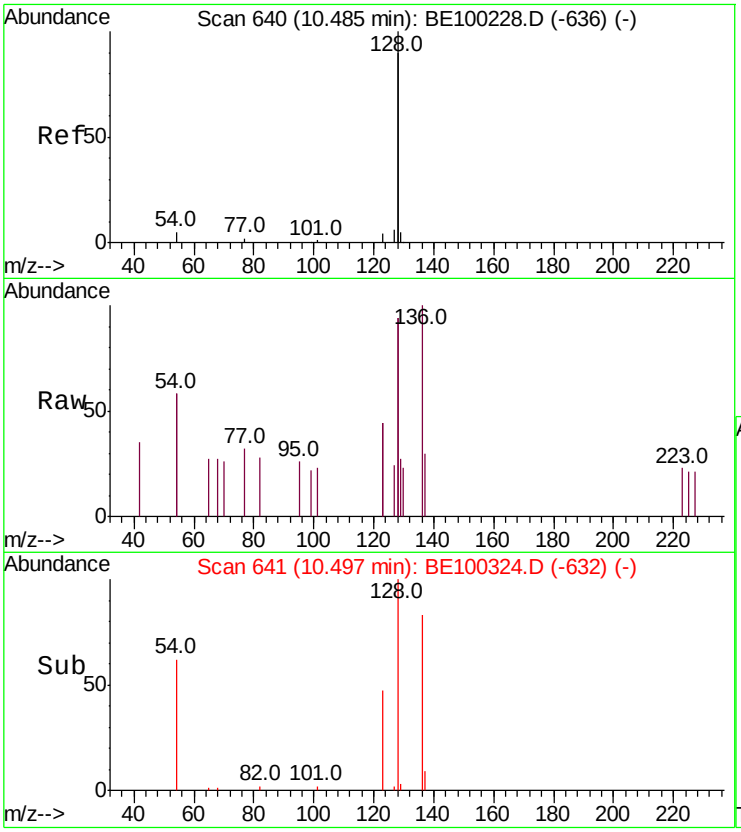


#8
Nitrobenzene-d5
Concen: 0.041 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.06 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion: 82 Resp: 74

Ion	Ratio	Lower	Upper
82	100		
128	312.7	140.9	211.3#
54	329.6	146.2	219.2#



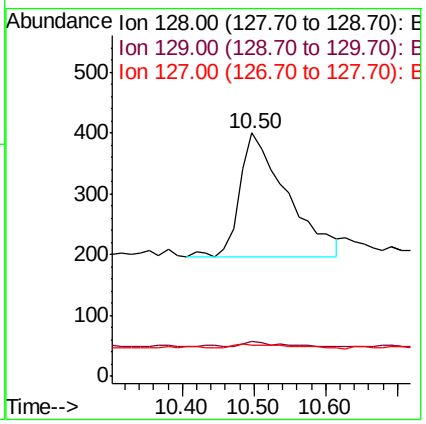


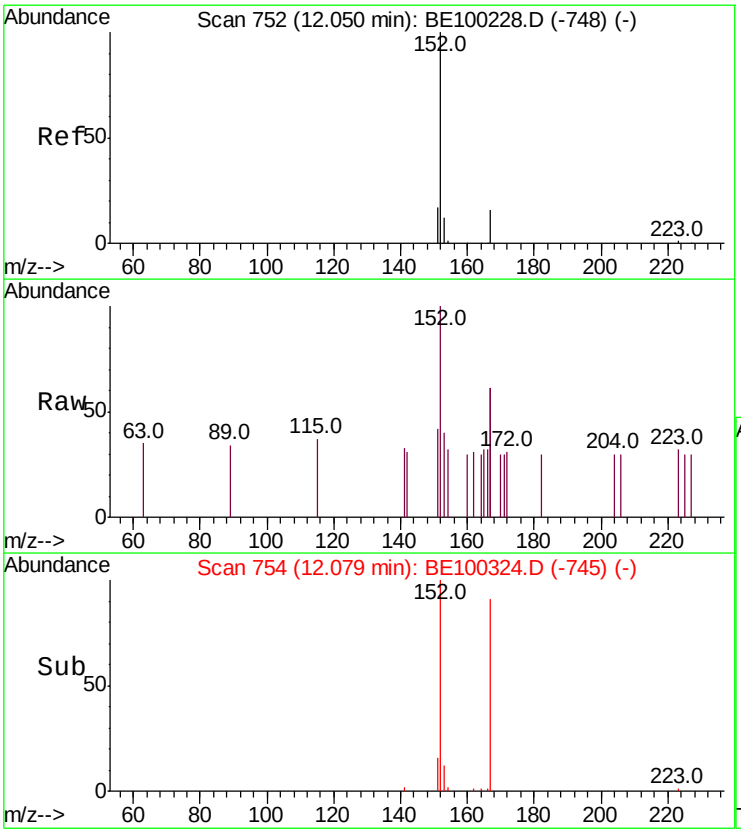
#9
Naphthalene
Concen: 0.047 ng
RT: 10.50 min Scan# 641
Delta R.T. 0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:128 Resp: 935

Ion	Ratio	Lower	Upper
128	100		
129	14.5	3.0	4.6#
127	13.0	3.5	5.3#

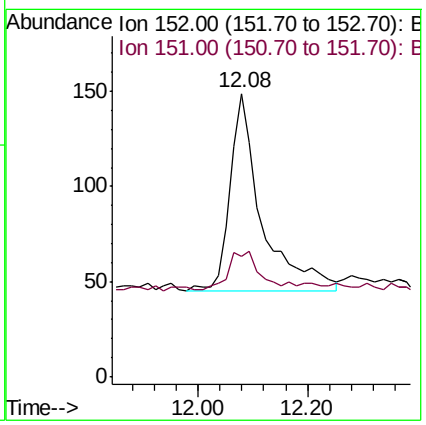


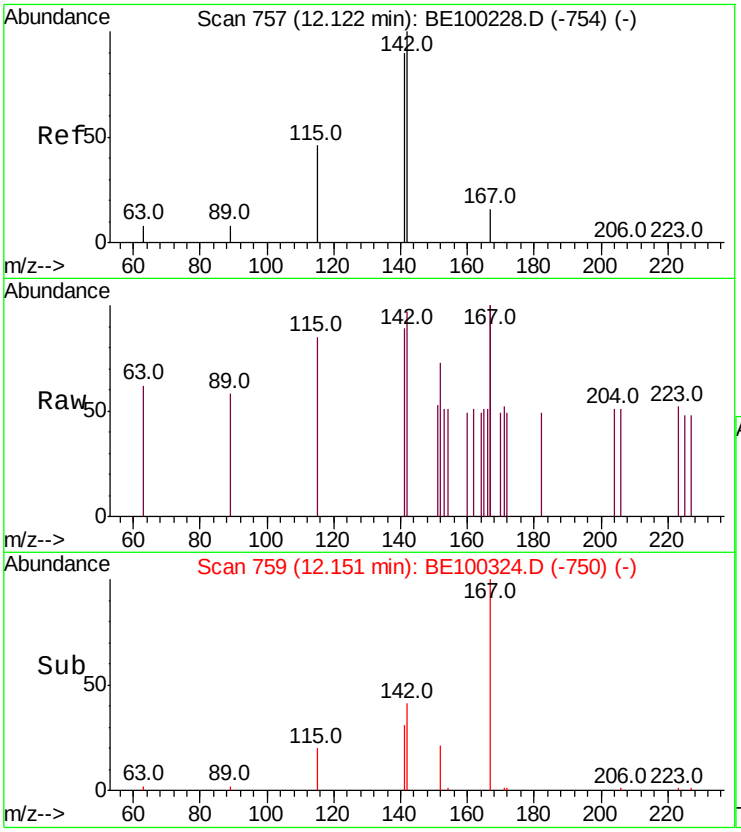


#11
2-Methylnaphthalene-d10
Concen: 0.123 ng
RT: 12.08 min Scan# 754
Delta R.T. 0.03 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:152 Resp: 422

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.1	22.7



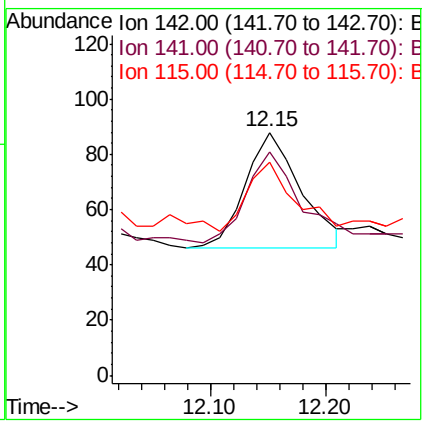


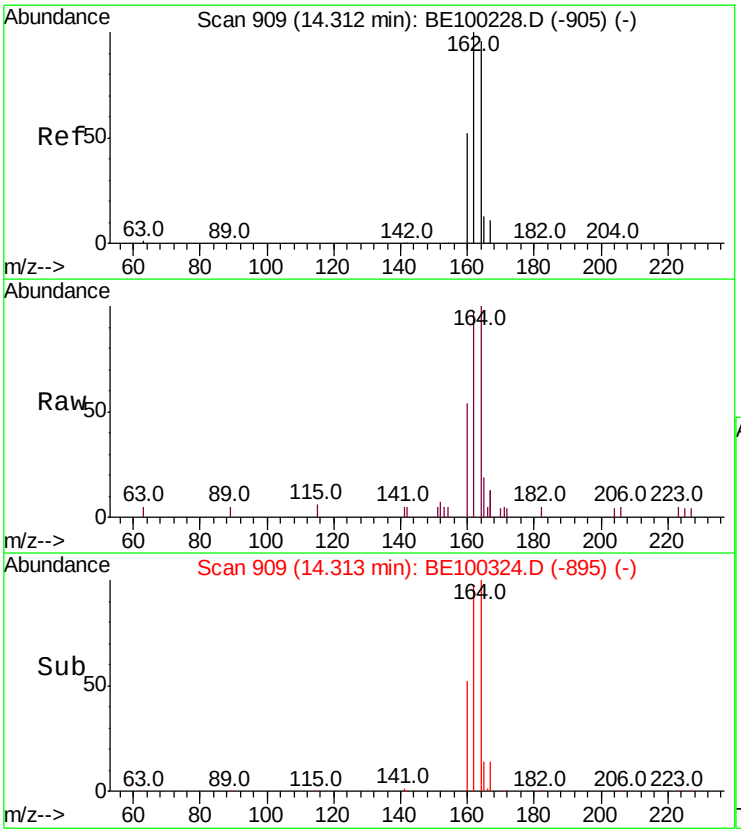
#12
2-Methylnaphthalene
Concen: 0.040 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.03 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:142 Resp: 140

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.4	108.6
115	87.5	40.4	60.6#

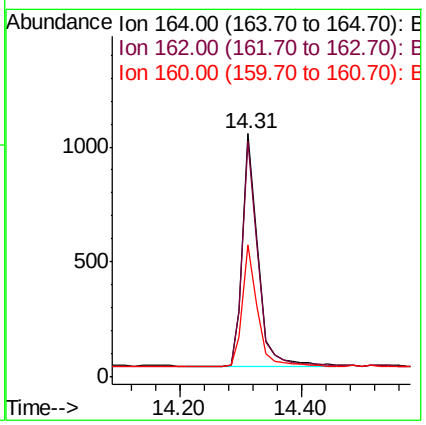


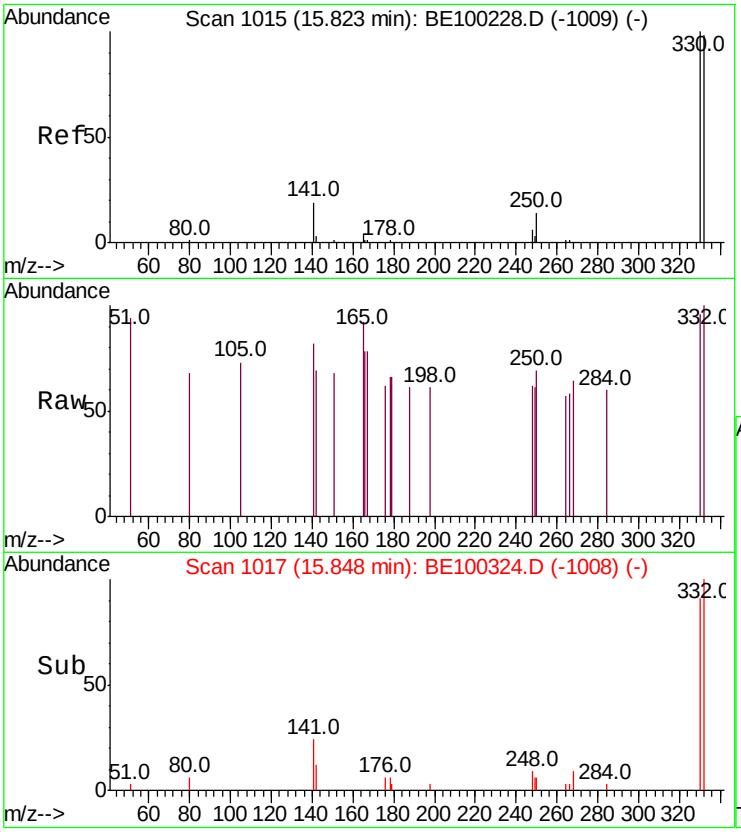


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:164 Resp: 1788

Ion	Ratio	Lower	Upper
164	100		
162	96.8	83.4	125.0
160	54.2	45.0	67.6



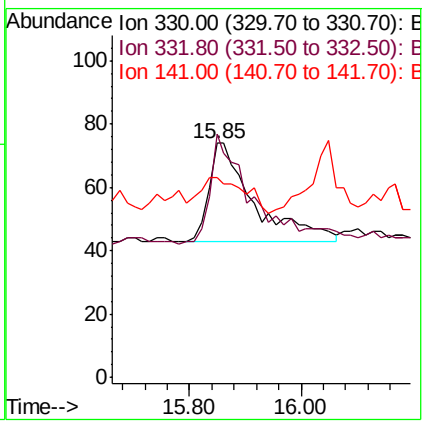


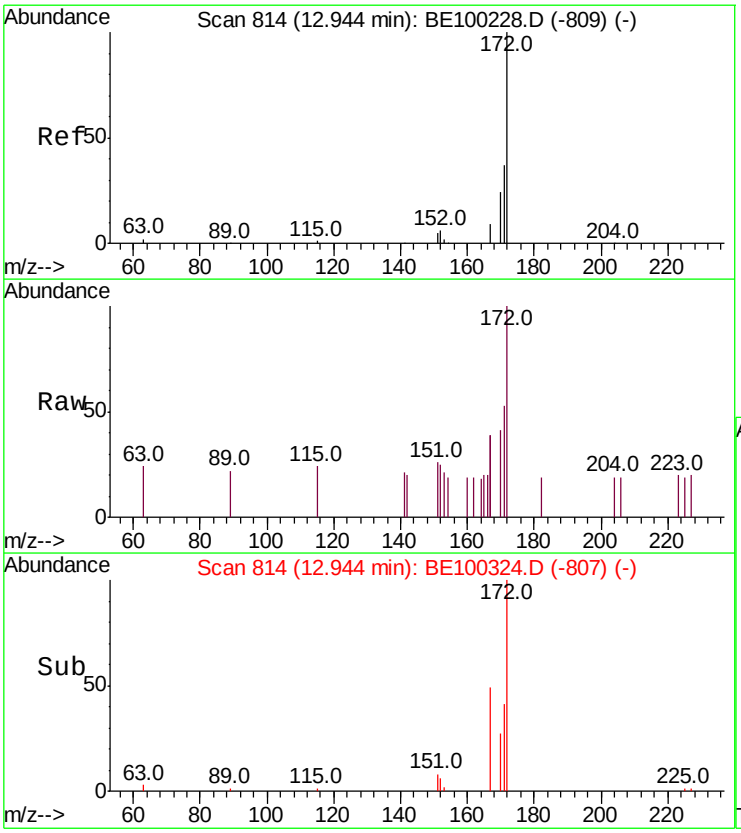
#14
2,4,6-Tribromophenol
Concen: 0.138 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.03 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:330 Resp: 173

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.0	115.4
141	35.3	22.0	33.0#

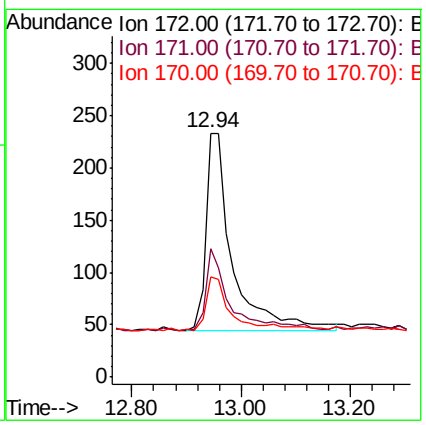


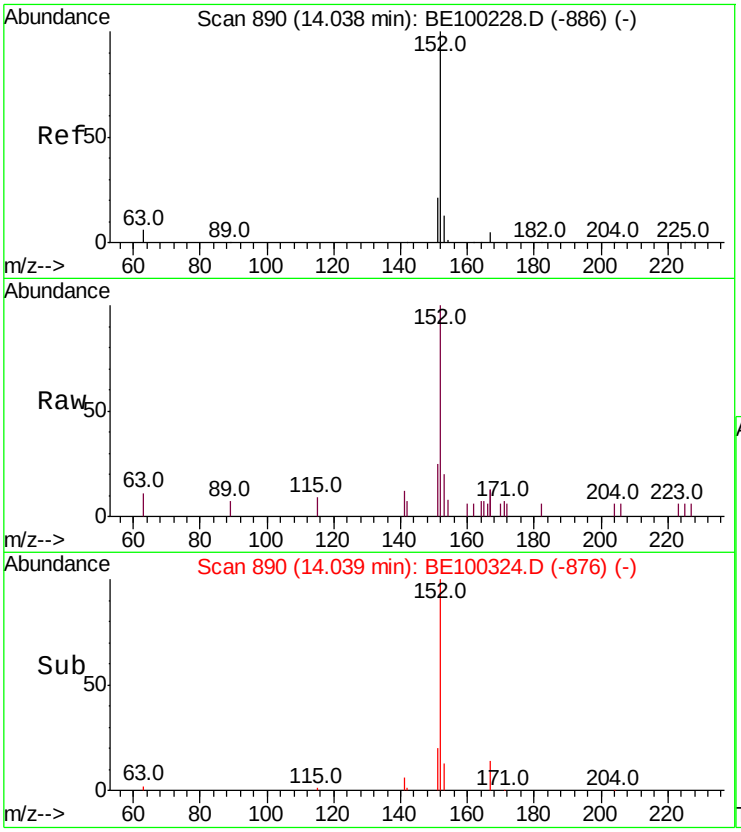


#15
2-Fluorobiphenyl
Concen: 0.092 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:172 Resp: 638

Ion	Ratio	Lower	Upper
172	100		
171	52.8	31.9	47.9#
170	41.2	22.2	33.2#



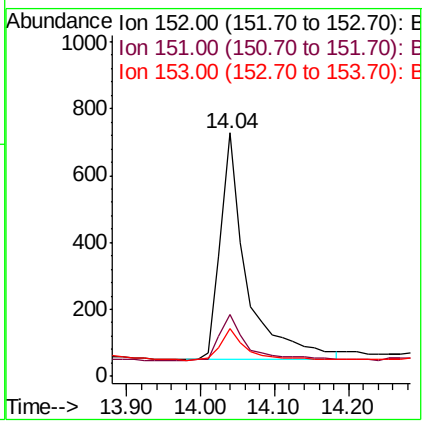


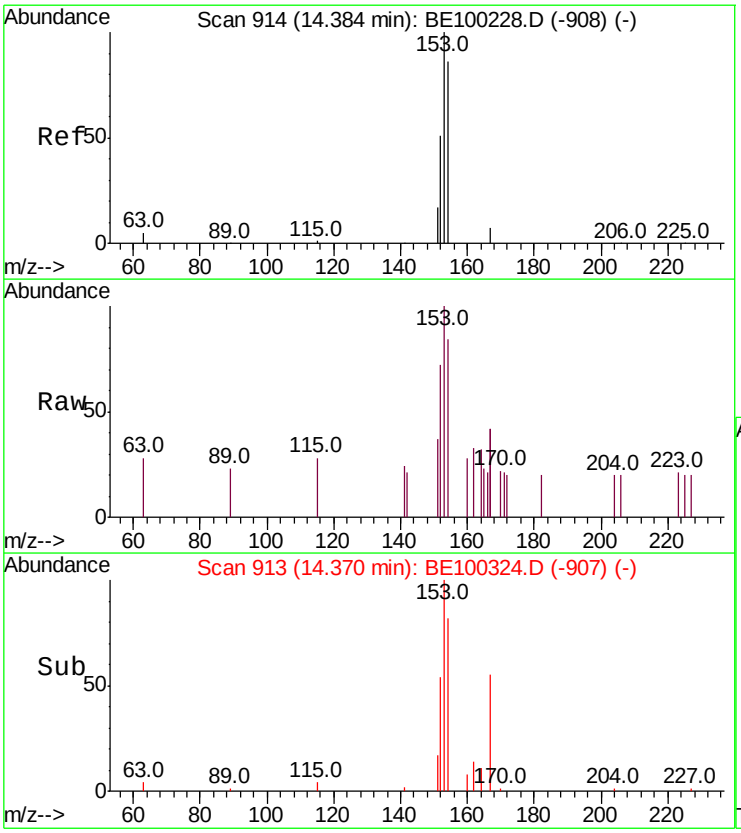
#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:152 Resp: 1679

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	25.0
153	14.6	10.5	15.7

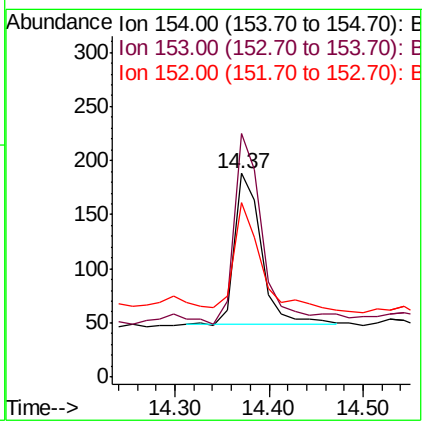


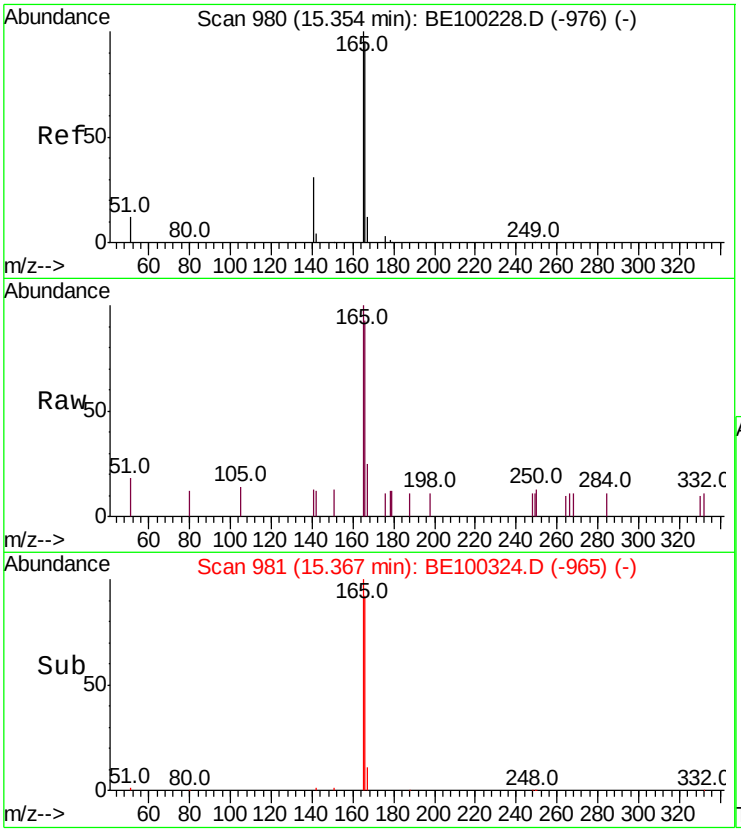


#17
Acenaphthene
Concen: 0.056 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:154 Resp: 272

Ion	Ratio	Lower	Upper
154	100		
153	134.6	93.4	140.2
152	71.0	49.4	74.2



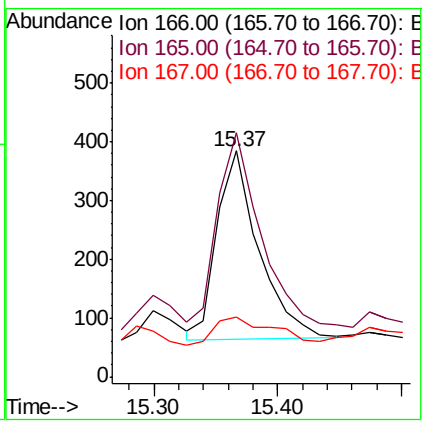


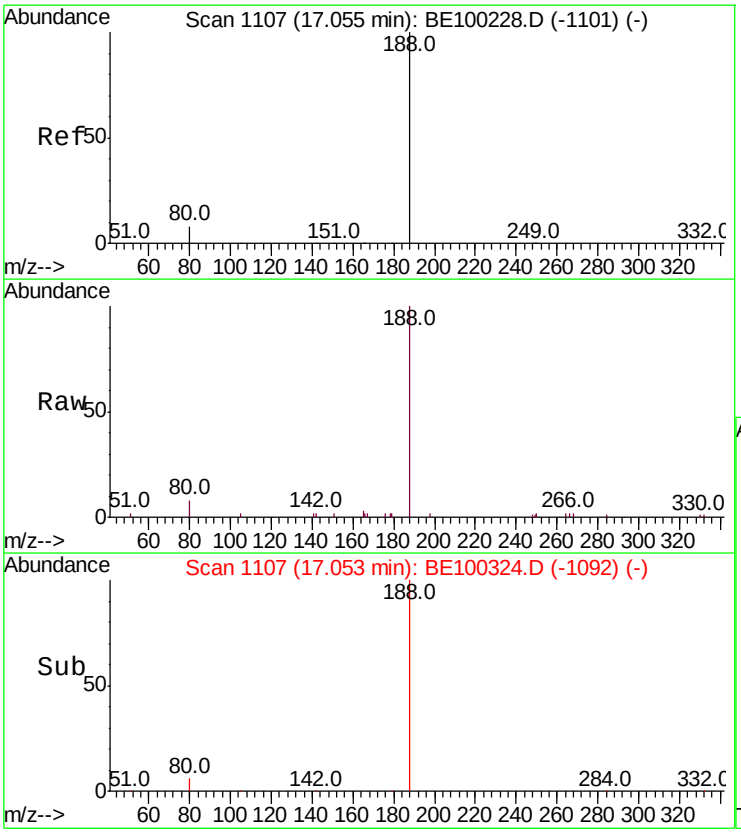
#18
Fluorene
Concen: 0.104 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:166 Resp: 750

Ion	Ratio	Lower	Upper
166	100		
165	109.1	81.1	121.7
167	20.8	10.7	16.1#

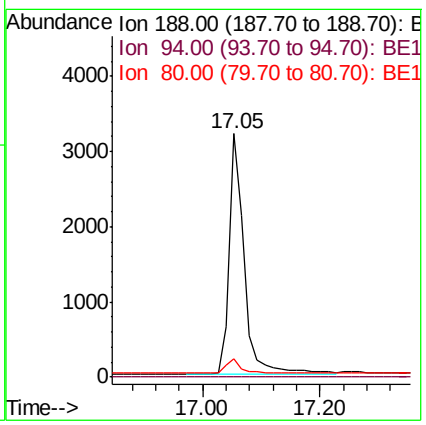


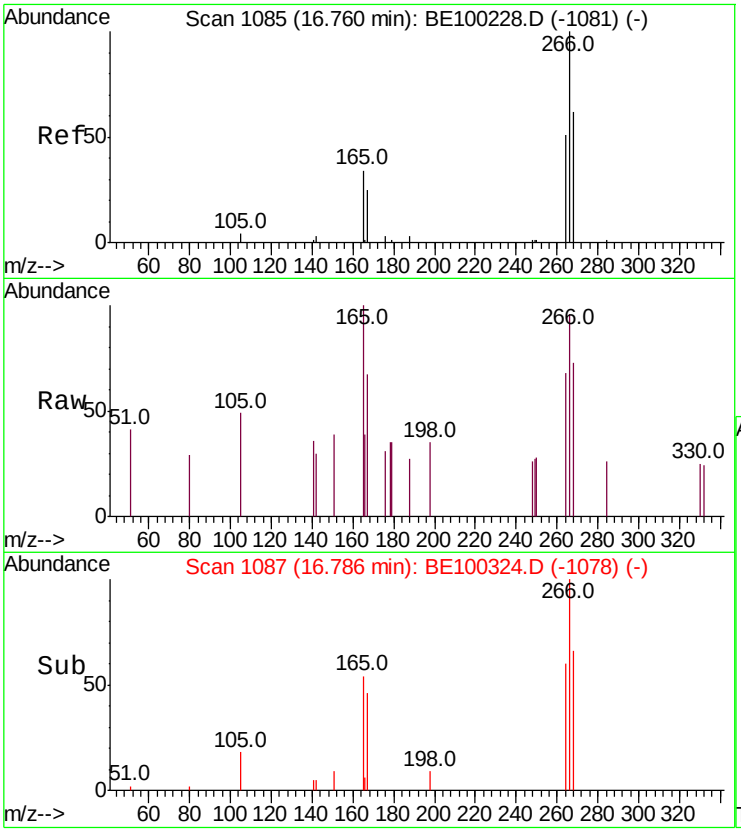


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:188 Resp: 5712

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.6	11.4



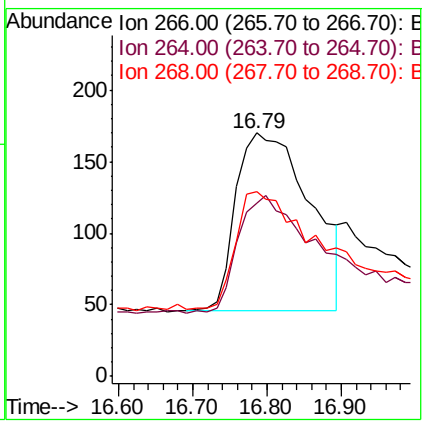


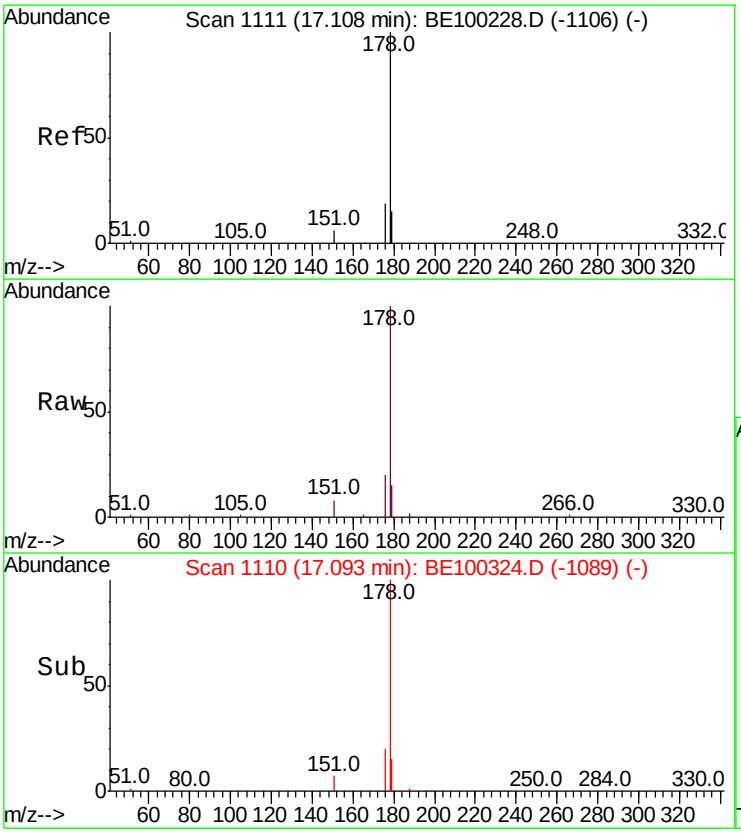
#22
Pentachlorophenol
Concen: 0.758 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.03 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:266 Resp: 863

Ion	Ratio	Lower	Upper
266	100		
264	71.2	56.2	84.2
268	75.9	61.8	92.6

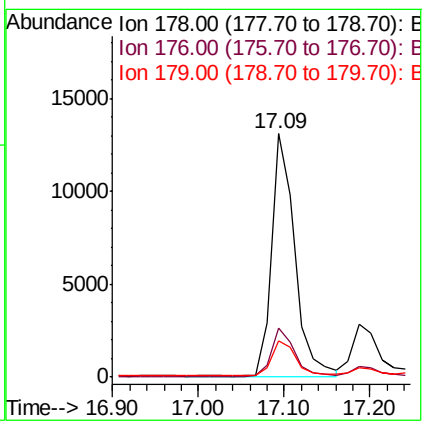


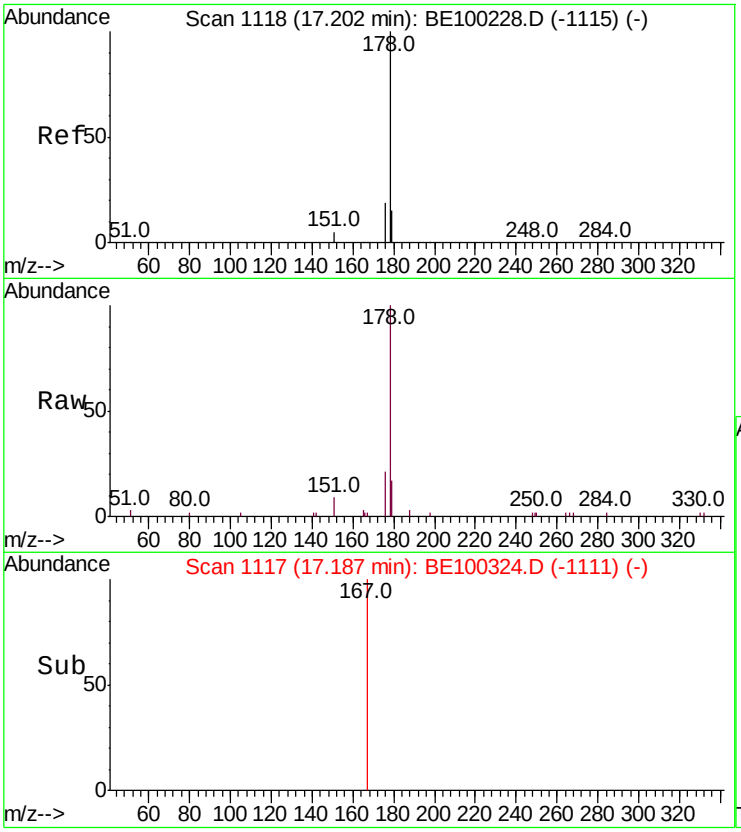


#23
Phenanthrene
Concen: 1.751 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:178 Resp: 24238

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.2	12.2	18.2



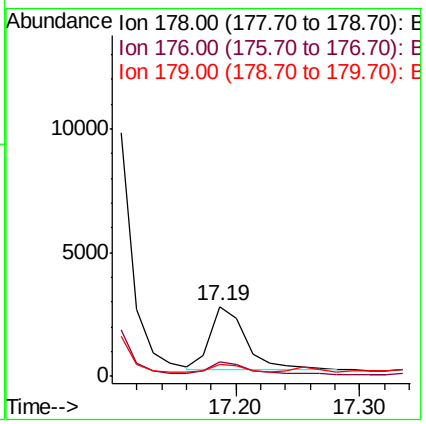


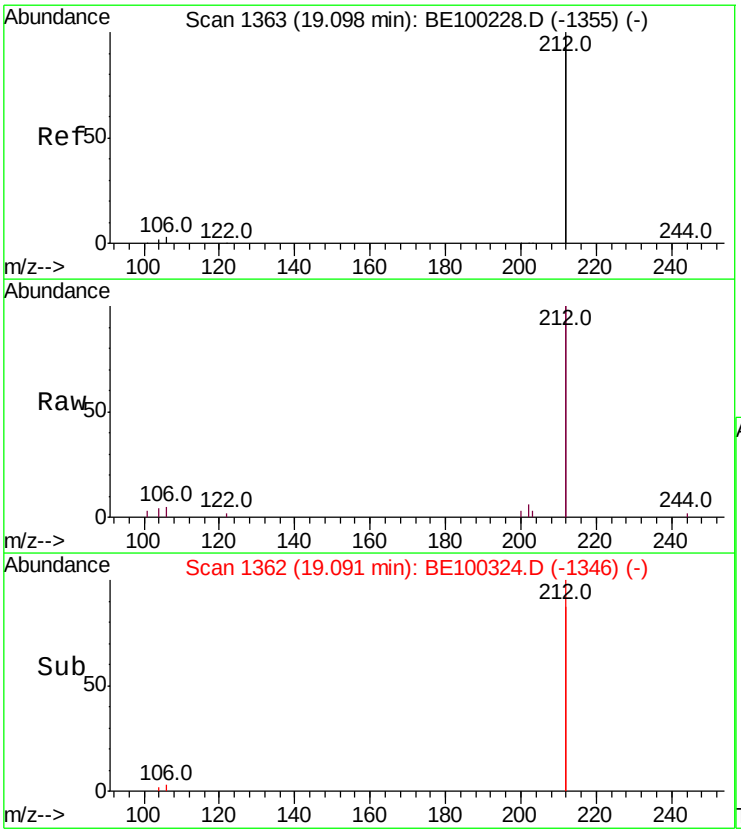
#24
Anthracene
Concen: 0.420 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:178 Resp: 5239

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	10.9	12.2	18.2#

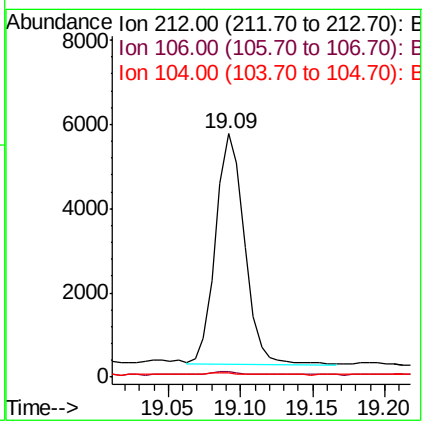


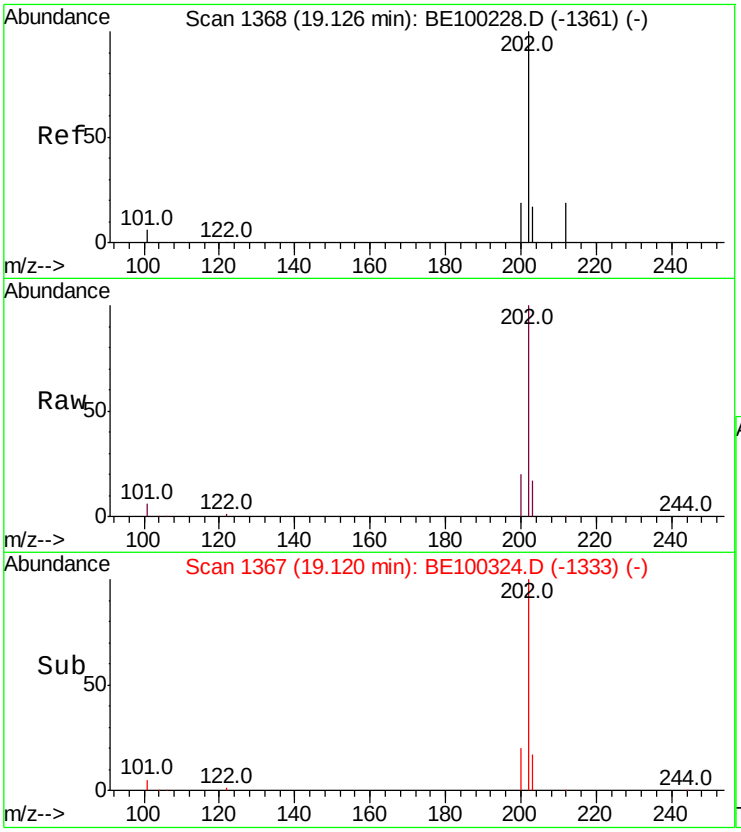


#25
Fluoranthene-d10
Concen: 0.092 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:212 Resp: 7627

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.3	1.9
104	1.0	0.8	1.2



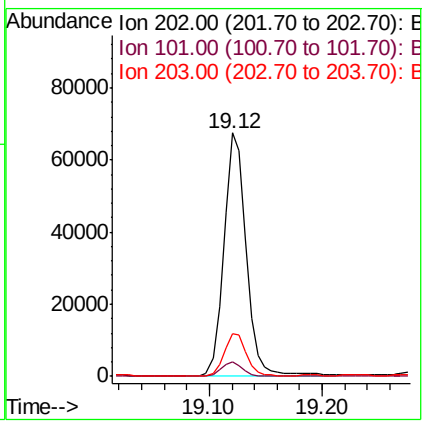


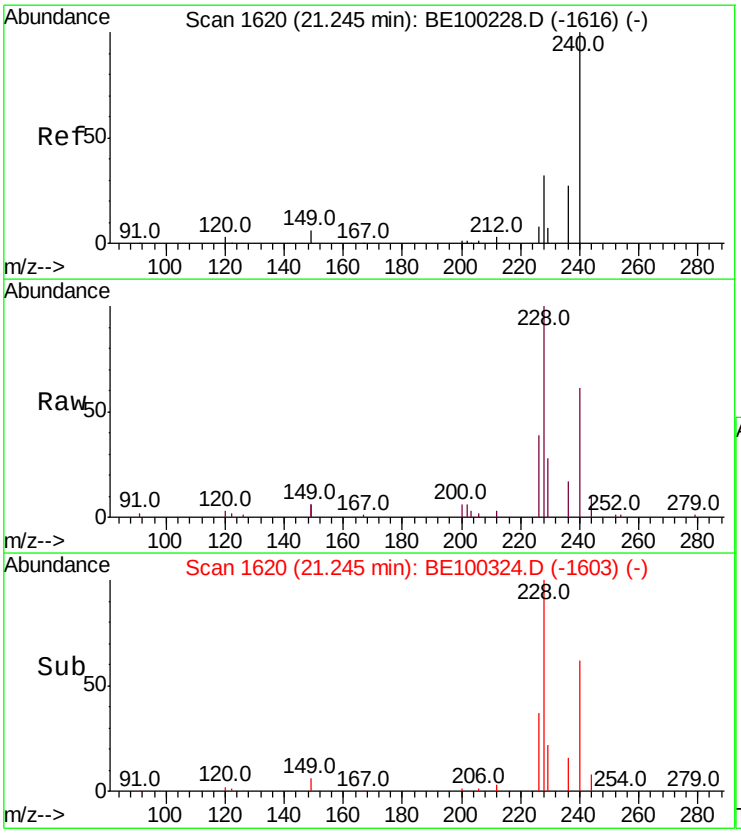
#26
Fluoranthene
Concen: 4.237 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:202 Resp: 93436

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.3	13.7	20.5

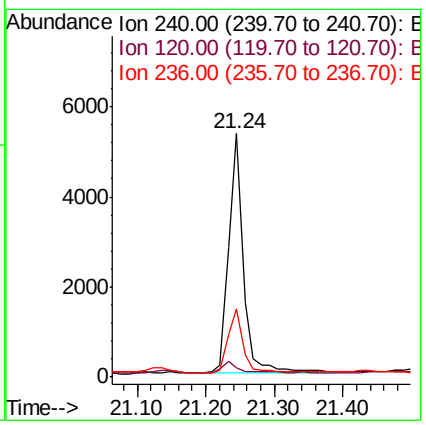


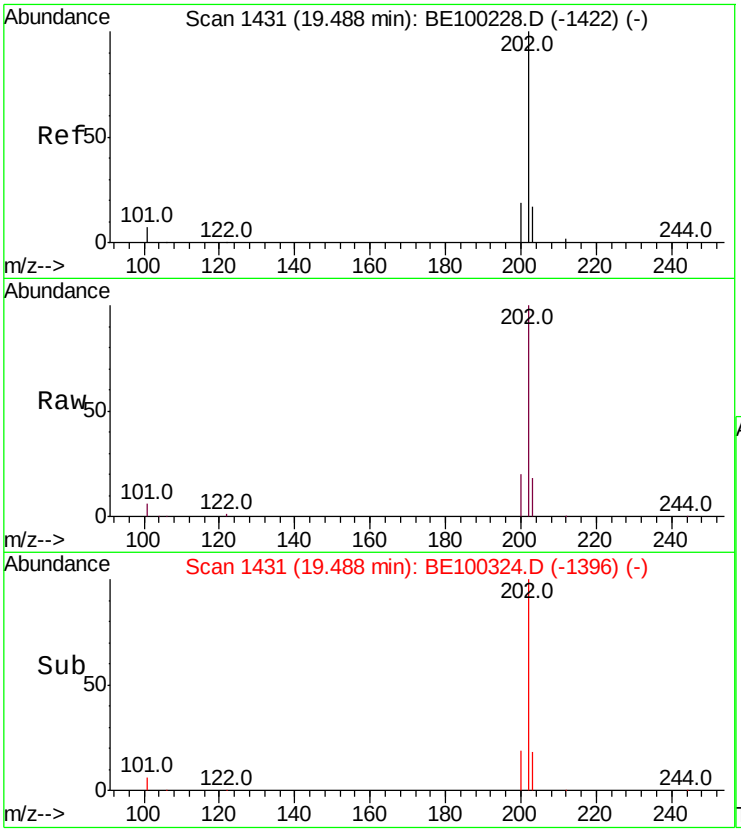


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:240 Resp: 7887

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.3	4.9
236	28.0	22.6	34.0



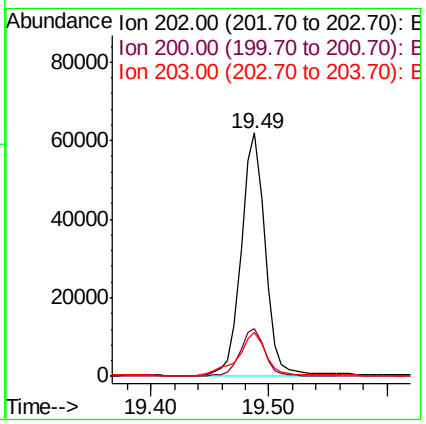


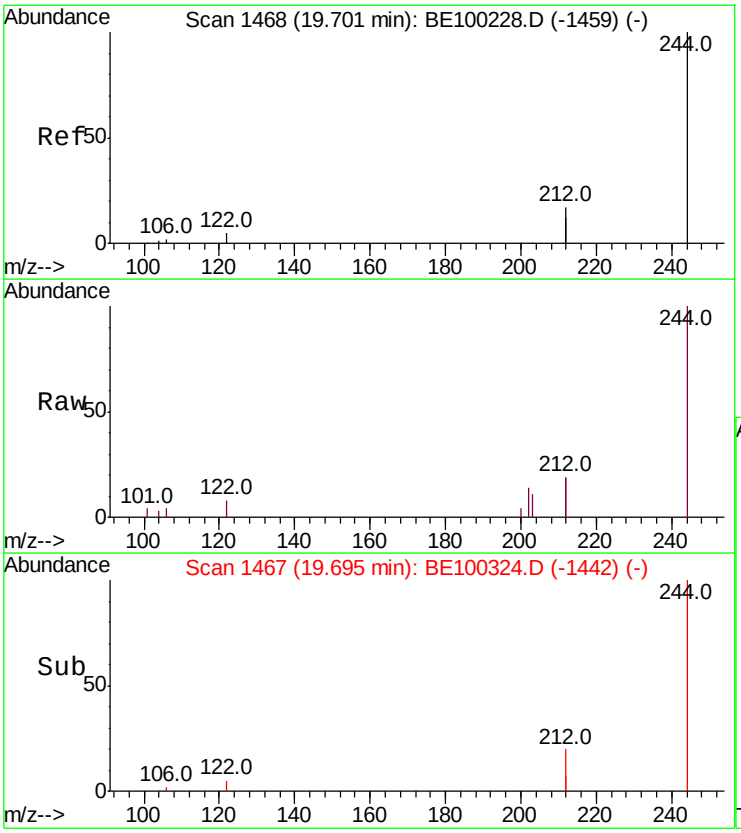
#28
Pyrene
Concen: 4.168 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:202 Resp: 87025

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.8	14.0	21.0

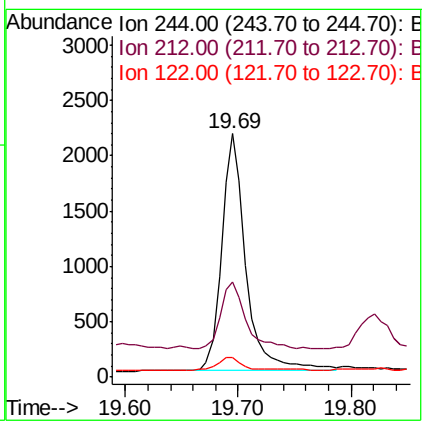


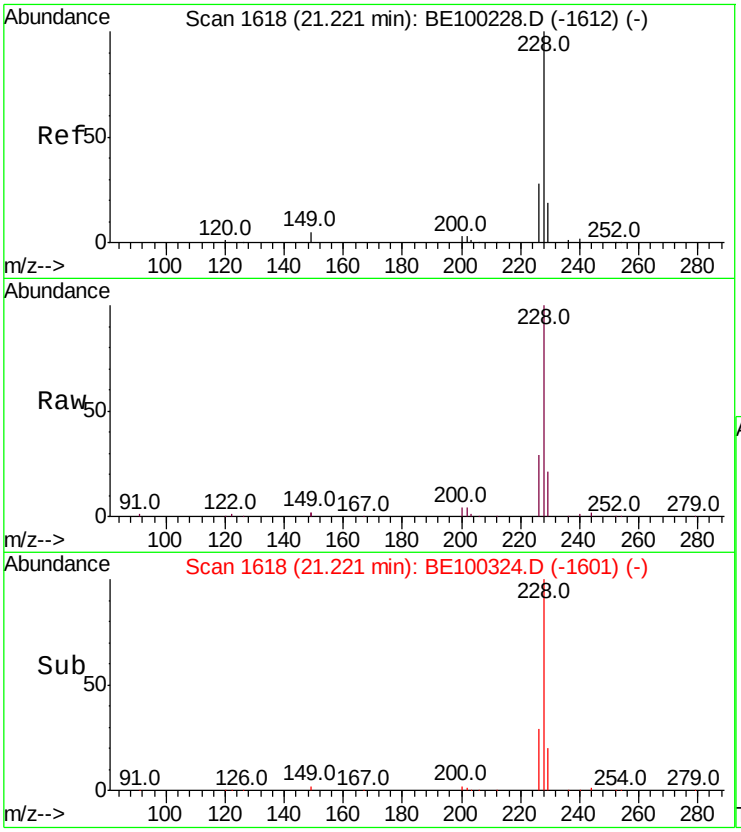


#29
Terphenyl-d14
Concen: 0.197 ng
RT: 19.69 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:244 Resp: 3220

Ion	Ratio	Lower	Upper
244	100		
212	39.0	27.3	40.9
122	7.9	4.7	7.1#



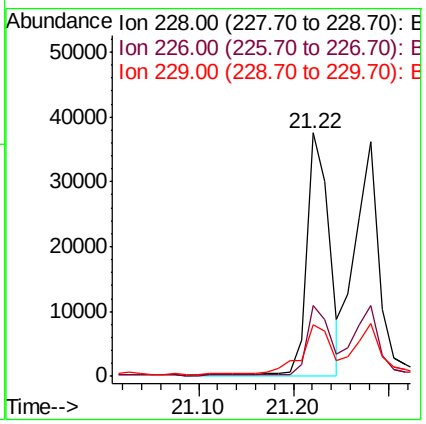


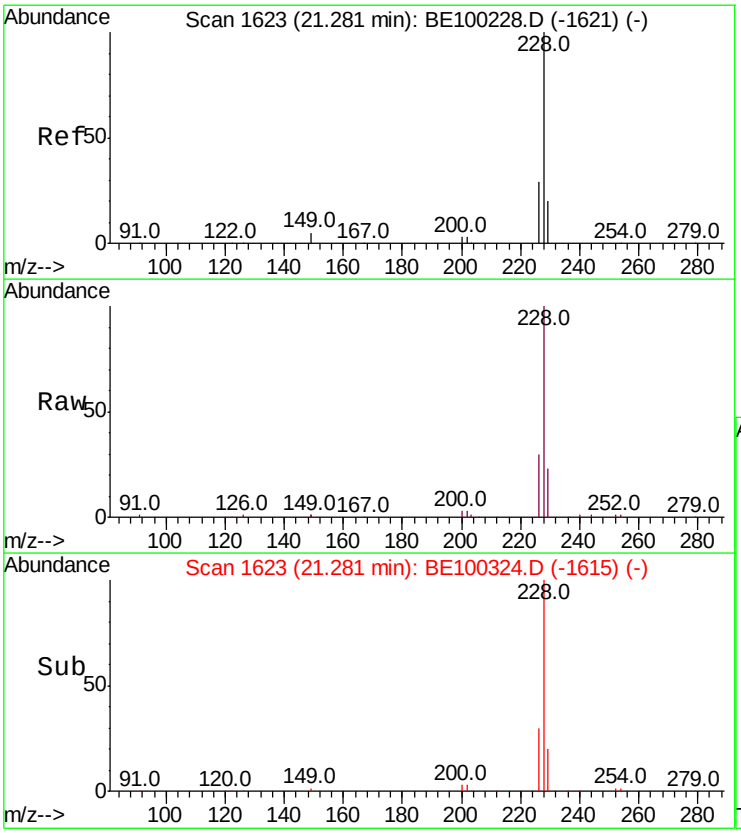
#30
Benzo(a)anthracene
Concen: 2.316 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:228 Resp: 60069

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	21.2	15.7	23.5

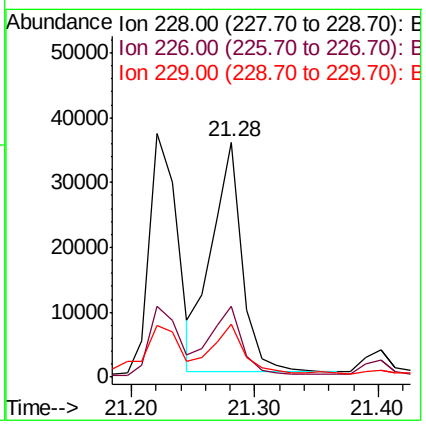


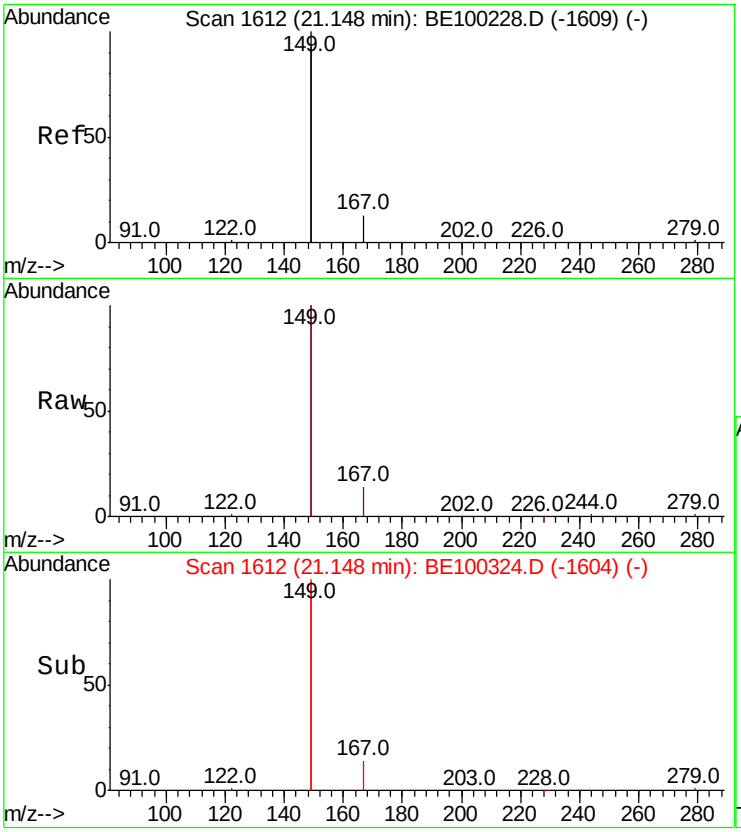


#31
Chrysene
Concen: 2.350 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:228 Resp: 61201

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	22.7	16.5	24.7



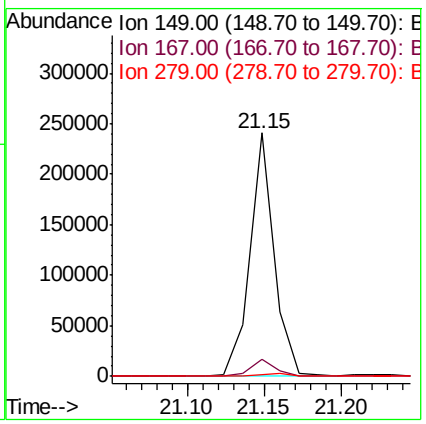


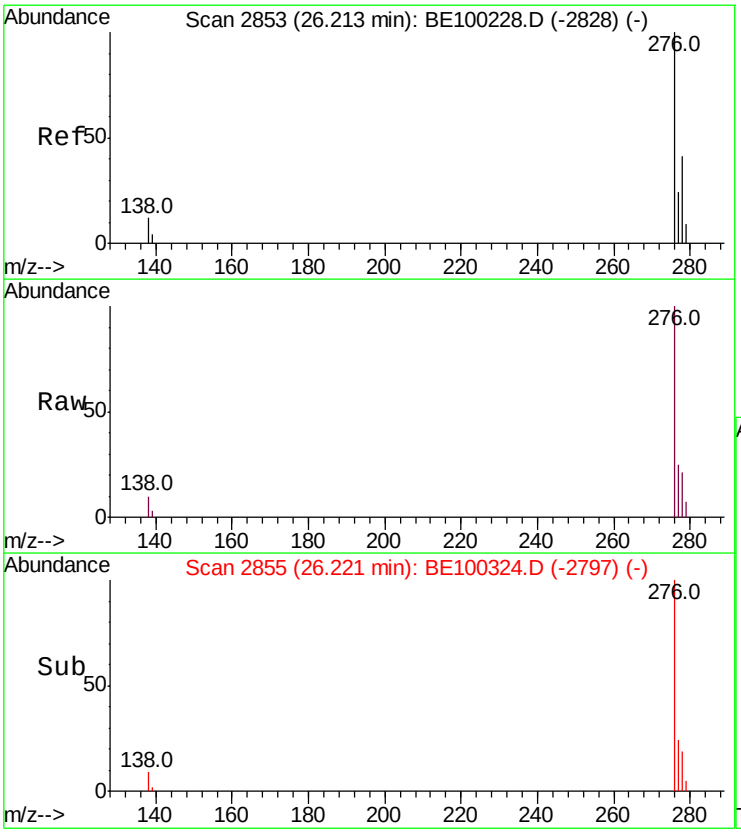
#32
Bis(2-ethylhexyl)phthalate
Concen: 6.981 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:149 Resp: 257996

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

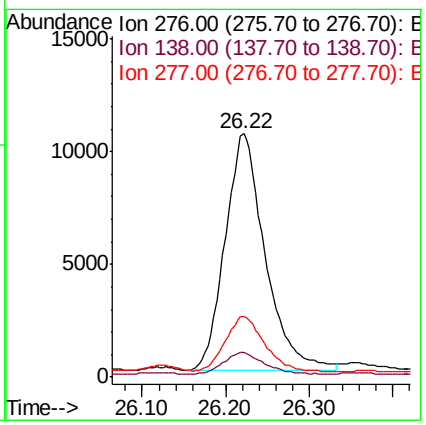


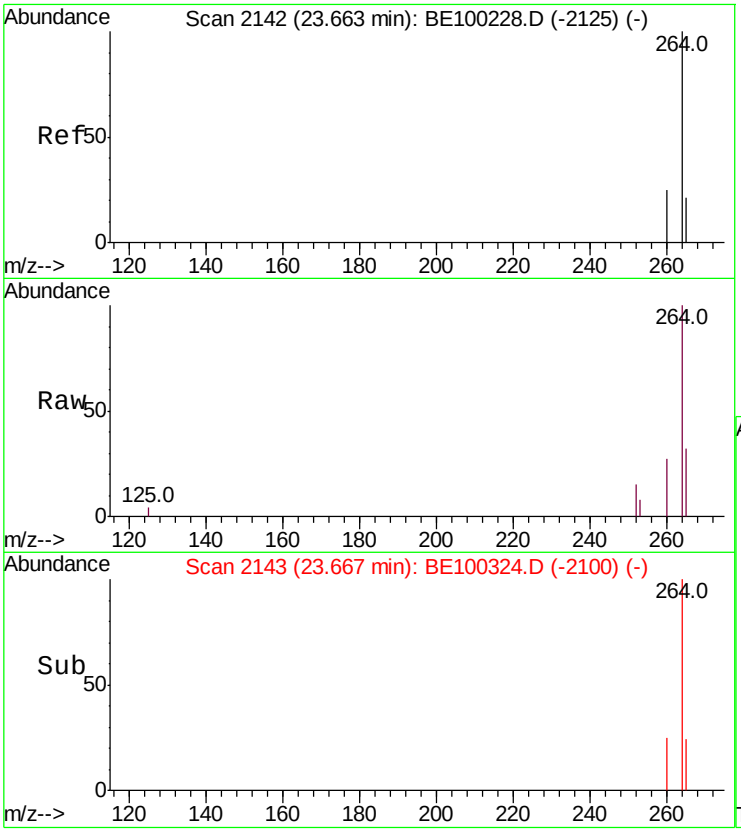


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.010 ng
RT: 26.22 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:276 Resp: 34778

Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.4	14.0#
277	22.8	19.2	28.8



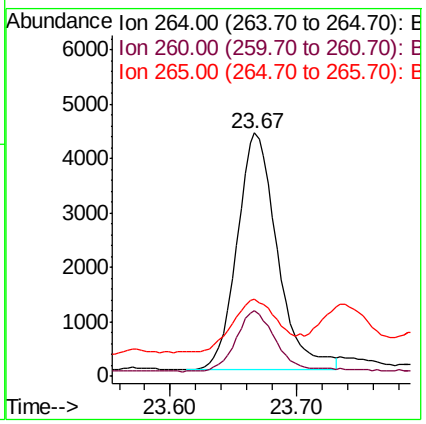


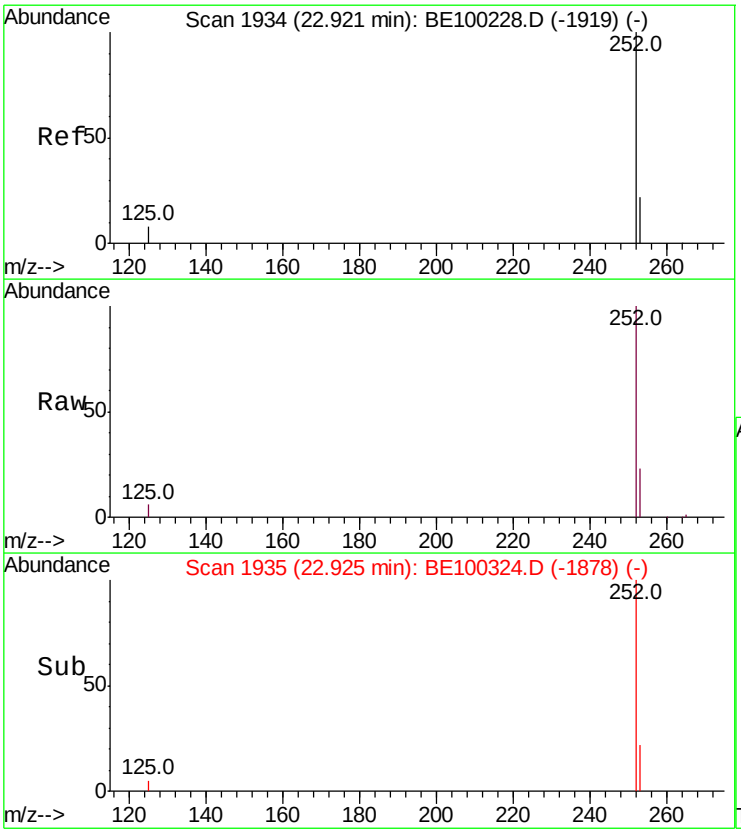
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:264 Resp: 9676

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	31.9	21.8	32.6

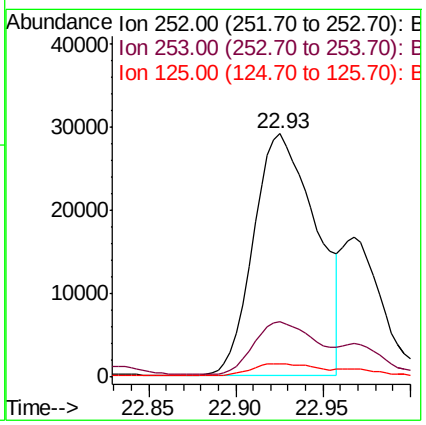


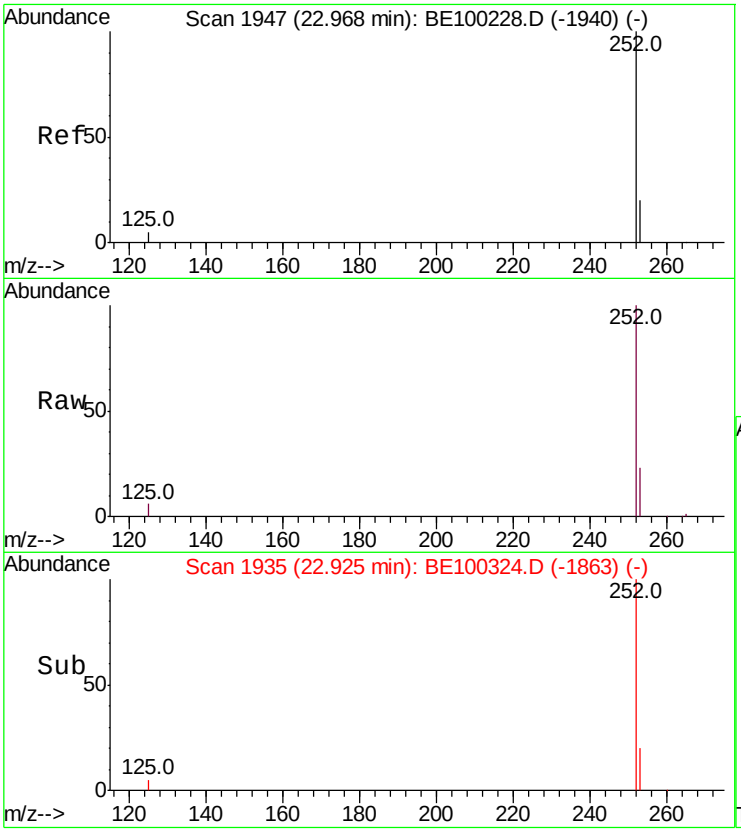


#35
Benzo(b)fluoranthene
Concen: 2.760 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:252 Resp: 72395

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	5.7	7.4	11.0#



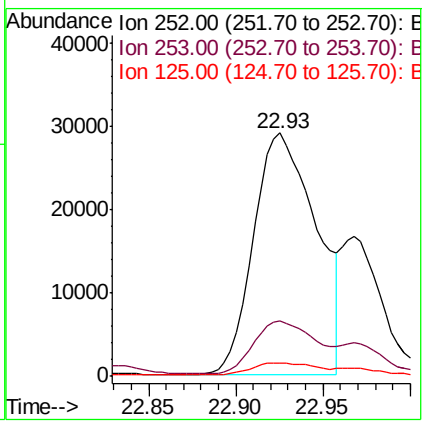


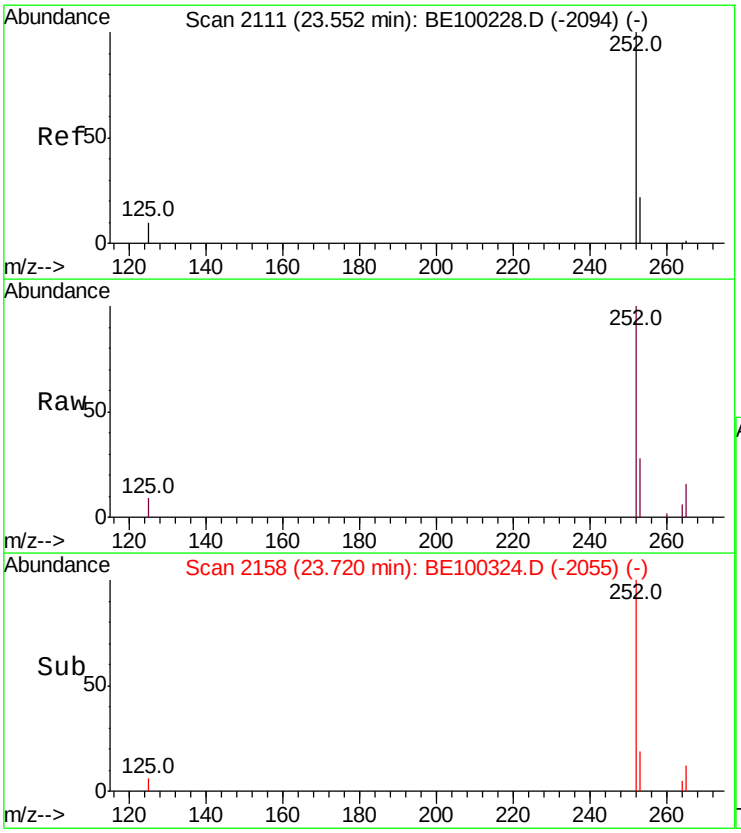
#36
Benzo(k)fluoranthene
Concen: 2.472 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:252 Resp: 72395

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	5.7	5.0	7.4

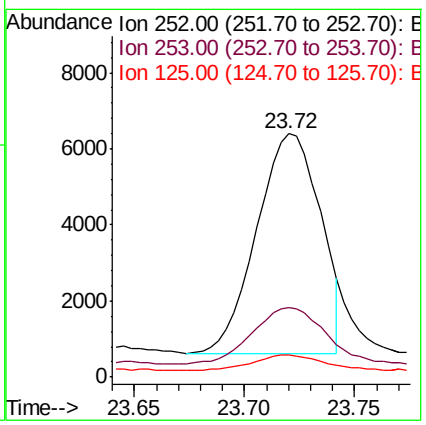


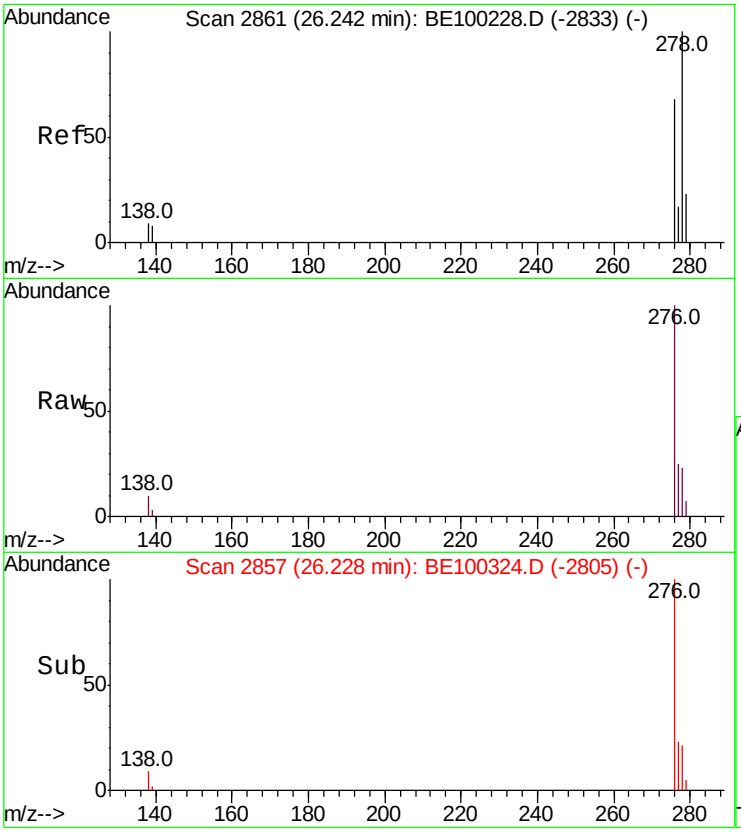


#37
Benzo(a)pyrene
Concen: 0.440 ng
RT: 23.72 min Scan# 2158
Delta R.T. 0.17 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:252 Resp: 11558

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.6	29.4
125	9.1	9.0	13.6



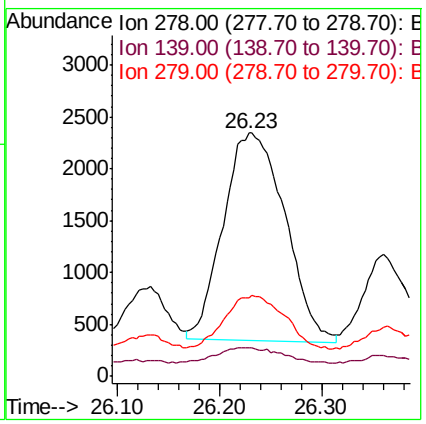


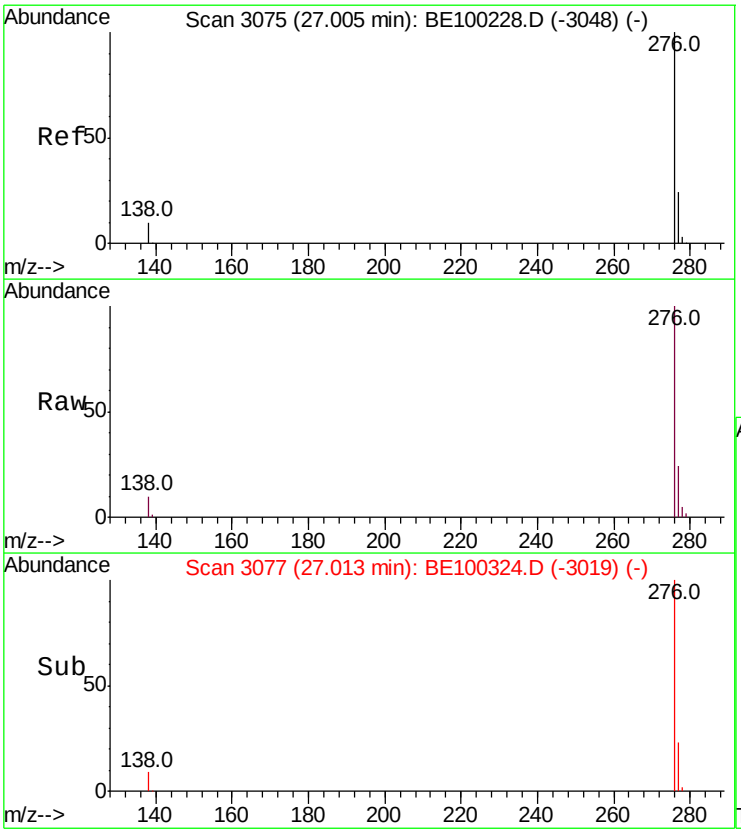
#38
Dibenzo(a,h)anthracene
Concen: 0.306 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Instrument :
BNA_E
ClientSampleId :
PST-013-SW107-062019-1DL

Tgt Ion:278 Resp: 8410

Ion	Ratio	Lower	Upper
278	100		
139	11.9	8.2	12.2
279	32.3	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.296 ng
RT: 27.01 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BE100324.D
Acq: 3 Jul 2019 12:20

Tgt Ion:276 Resp: 36572

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.2	30.2
138	10.2	9.0	13.6