Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100218.D
Acq On : 27 Jun 2019 23:18
Operator : JU/SJ
Sample : K3428-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 05:38:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	961	0.40	ng		-0.01
7) Naphthalene-d8	10.44	136	3365	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	2609	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	7328	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	9427	0.40	ng		-0.04
34) Perylene-d12	23.67	264	11635	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	784	0.37	ng		-0.01
5) Phenol-d6	6.83	99	1092	0.37	ng		-0.05
8) Nitrobenzene-d5	8.82	82	1015	0.30	ng		-0.03
11) 2-Methylnaphthalene-d10	12.05	152	2415	0.38	ng		-0.03
14) 2,4,6-Tribromophenol	15.81	330	554	0.37	ng		-0.04
15) 2-Fluorobiphenyl	12.94	172	3026	0.29	ng		-0.03
25) Fluoranthene-d10	19.10	212	37089	0.35	ng		-0.03
29) Terphenyl-d14	19.70	244	5575	0.30	ng		-0.04
Target Compounds							Qvalue
9) Naphthalene	10.50	128	11365	0.309	ng		98
12) 2-Methylnaphthalene	12.12	142	2446	0.414	ng		96
16) Acenaphthylene	14.04	152	19351	1.521	ng		98
17) Acenaphthene	14.38	154	2126	0.298	ng		95
18) Fluorene	15.37	166	6806	0.660	ng	#	85
22) Pentachlorophenol	16.73	266	27	0.287	ng		96
23) Phenanthrene	17.11	178	130714	7.531	ng		99
24) Anthracene	17.20	178	15417	1.052	ng		98
26) Fluoranthene	19.13	202	187337	6.634	ng		98
28) Pyrene	19.49	202	290844	12.047	ng		96
30) Benzo(a)anthracene	21.23	228	169974	6.116	ng		93
31) Chrysene	21.28	228	176320	5.409	ng		95
32) Bis(2-ethylhexyl)phthalate	21.16	149	22235	0.696	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.23	276	90962	1.960	ng	#	95
35) Benzo(b)fluoranthene	22.93	252	161391	5.157	ng	#	98
36) Benzo(k)fluoranthene	22.93	252	161391	4.310	ng		99
37) Benzo(a)pyrene	23.73	252	27769	0.856	ng		95
38) Dibenzo(a,h)anthracene	26.24	278	27176	0.784	ng	#	91
39) Benzo(g,h,i)perylene	27.02	276	105553	2.915	ng	#	97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
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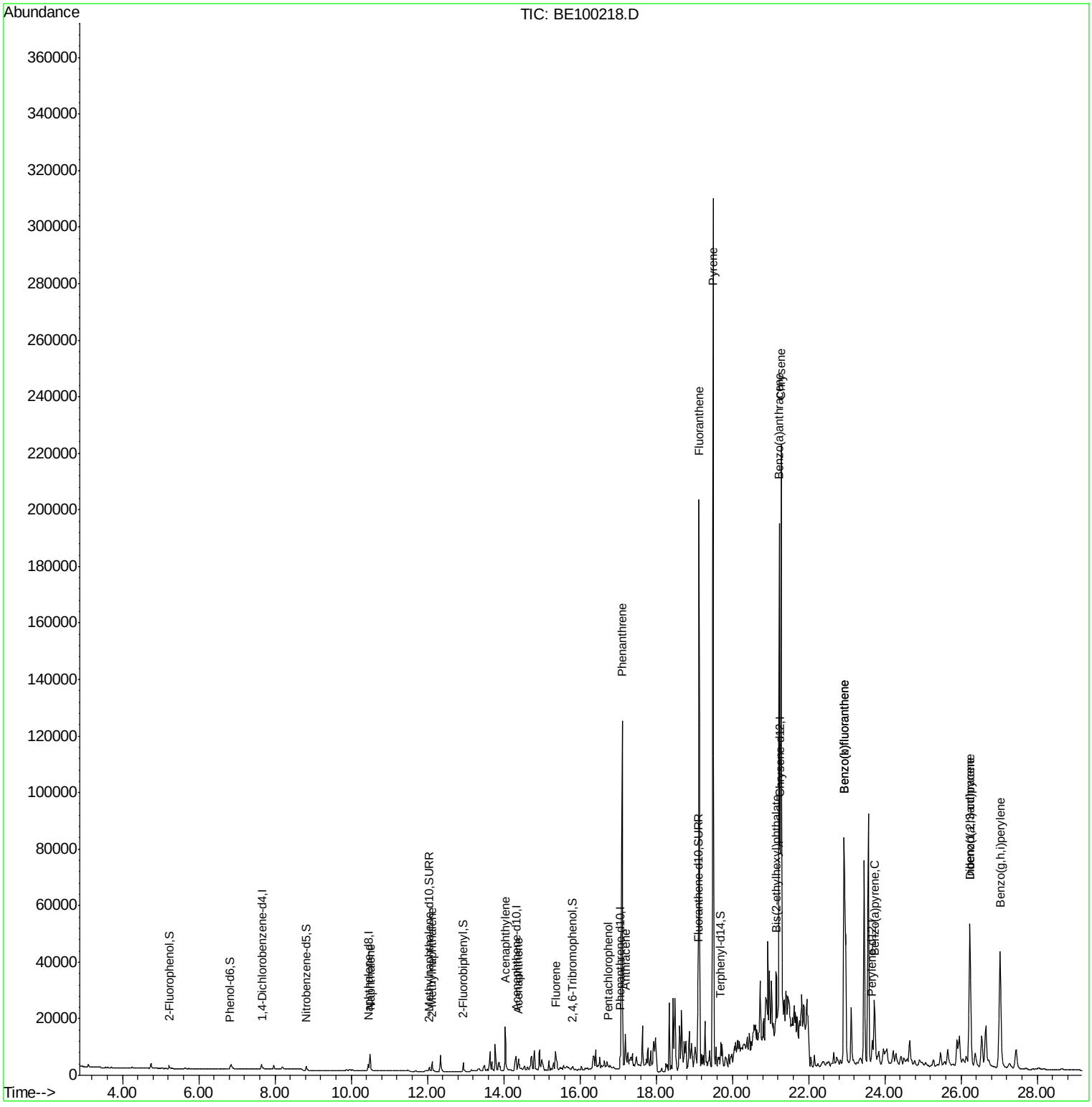
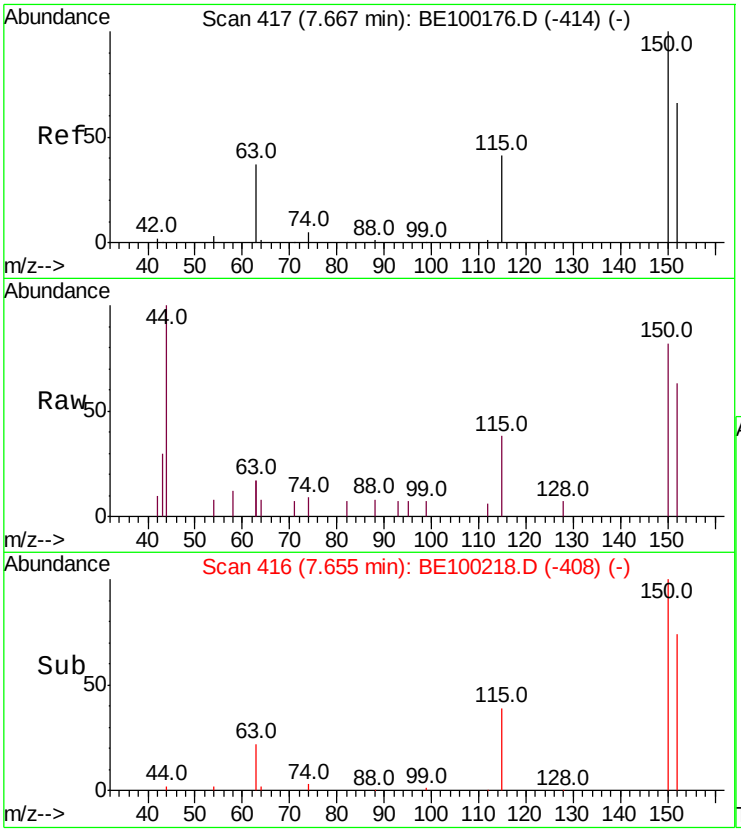


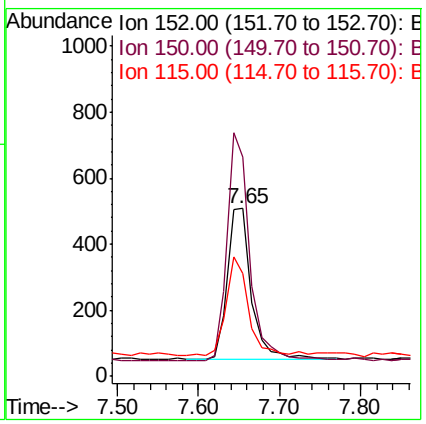


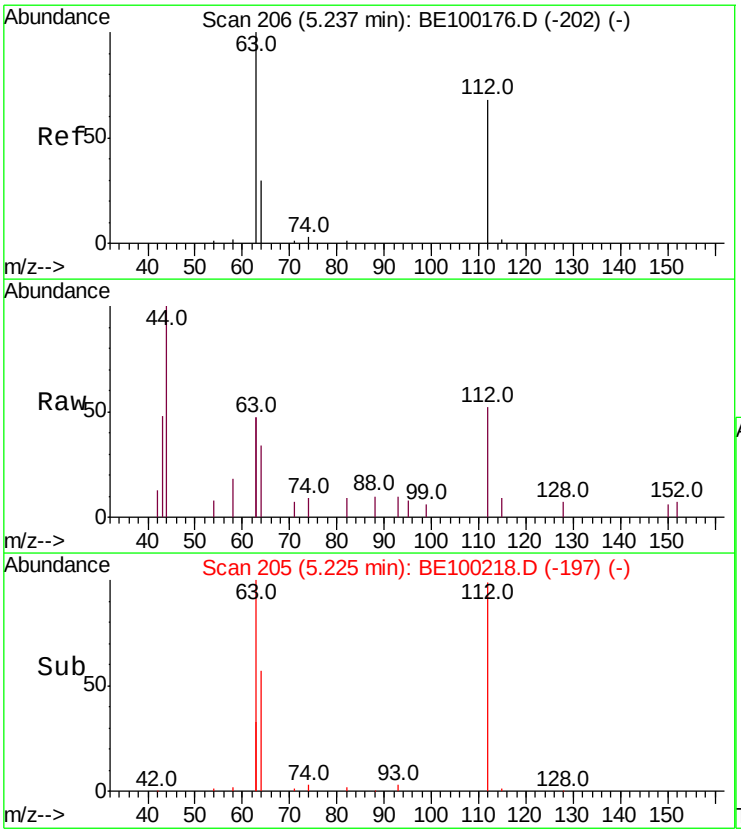
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 961

Ion	Ratio	Lower	Upper
152	100		
150	130.7	113.4	170.2
115	61.0	55.8	83.6

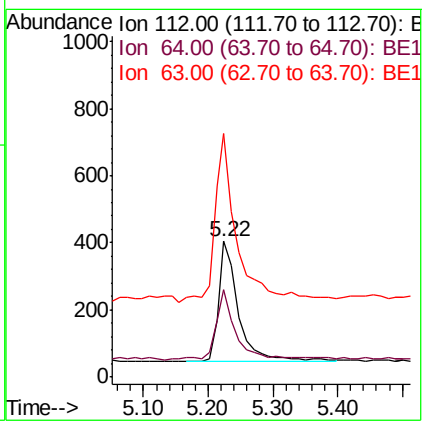


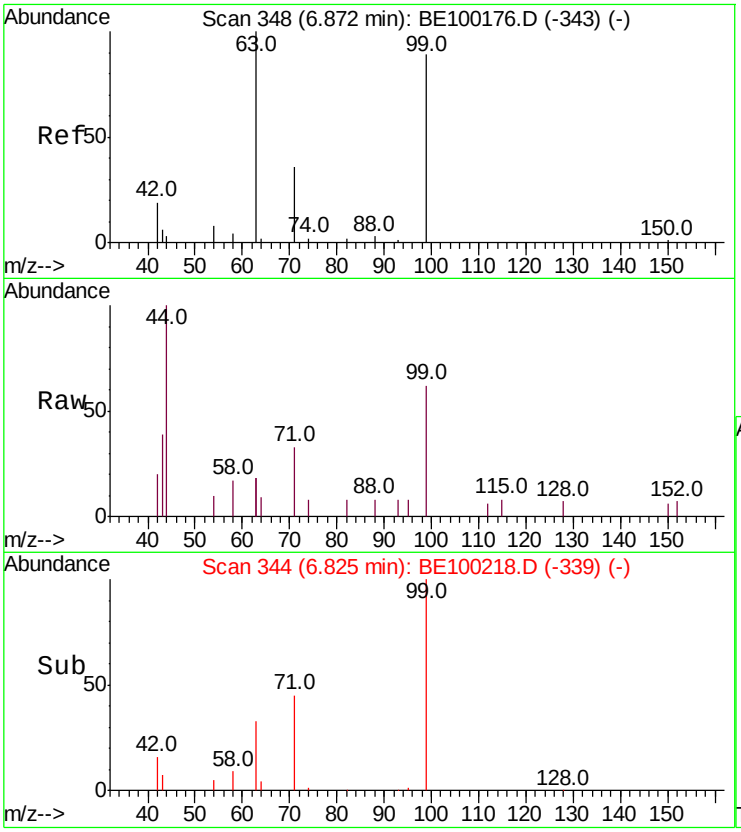


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:112 Resp: 784

Ion	Ratio	Lower	Upper
112	100		
64	52.3	40.7	61.1
63	153.3	93.2	139.8#



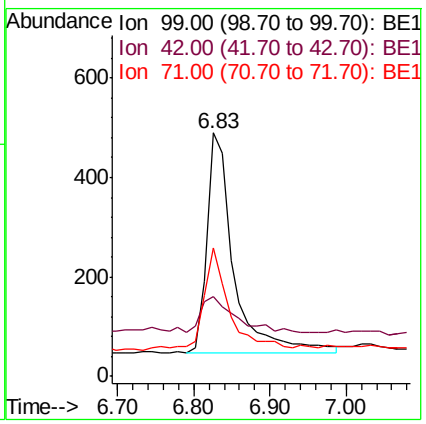


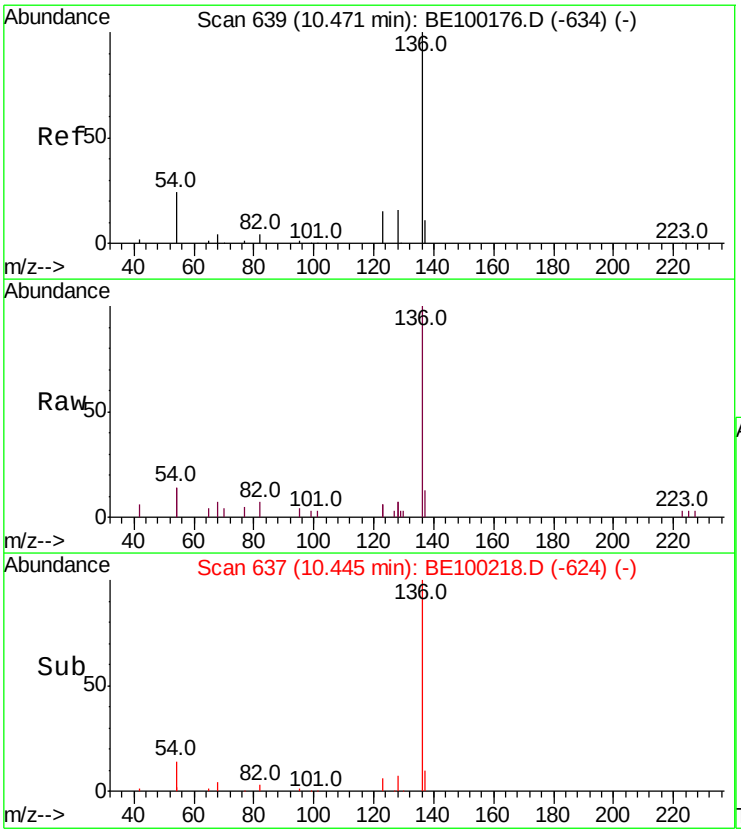
#5
Phenol-d6
Concen: 0.372 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.05 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1092

Ion	Ratio	Lower	Upper
99	100		
42	20.4	10.4	15.6#
71	38.2	32.4	48.6

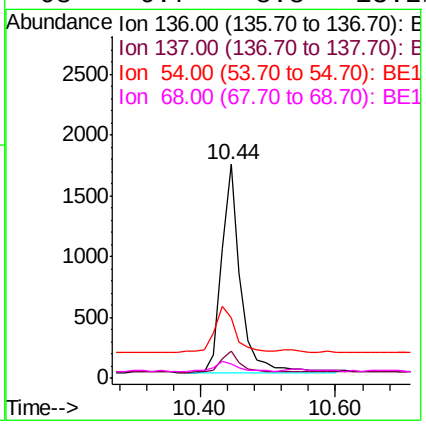


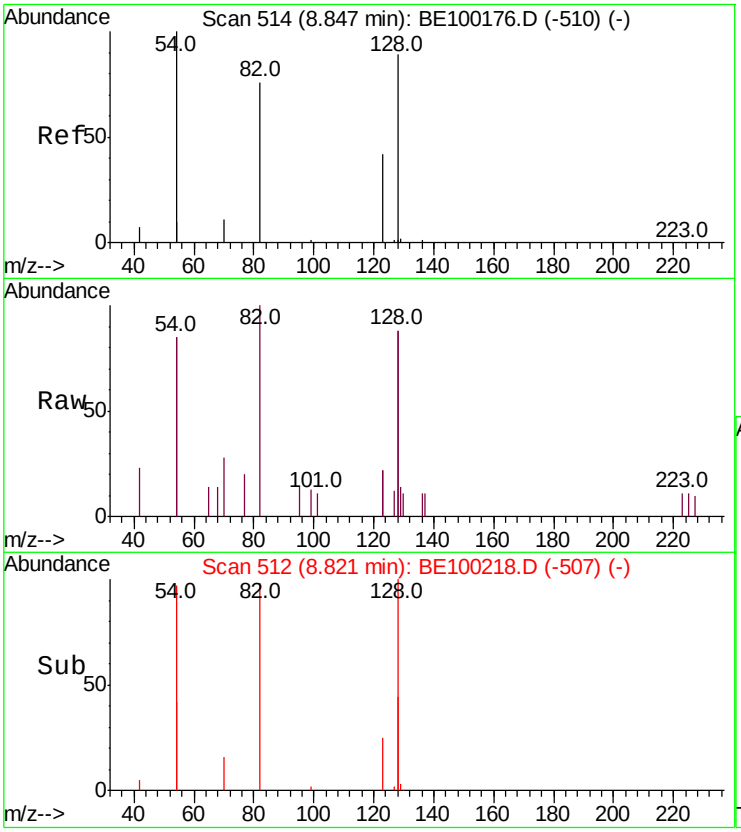


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:136 Resp: 3365

Ion	Ratio	Lower	Upper
136	100		
137	12.8	13.8	20.8#
54	28.0	35.4	53.2#
68	6.7	8.8	13.2#



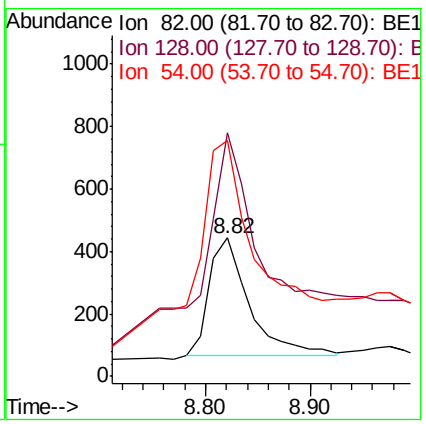


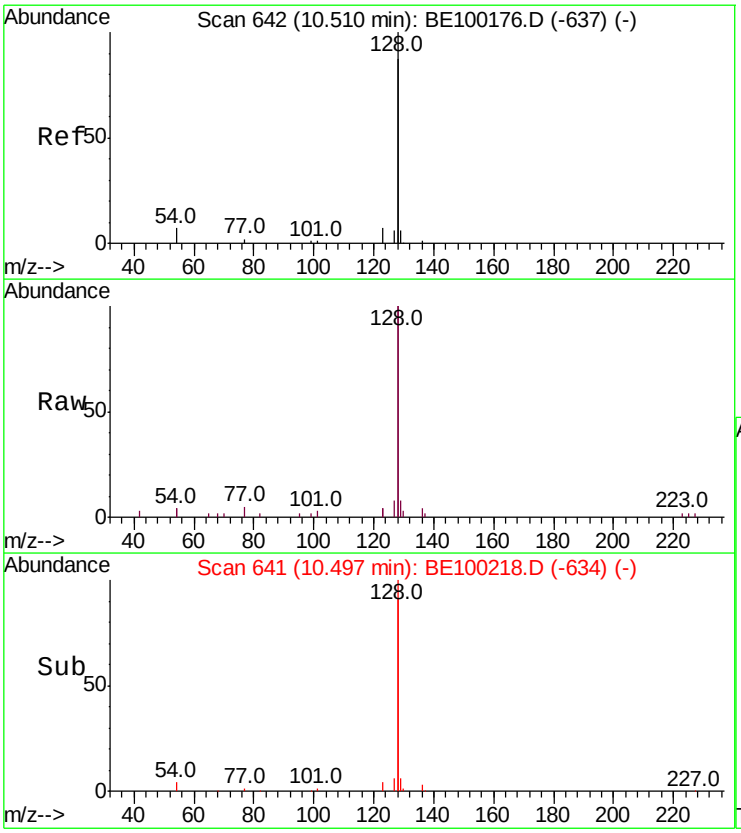
#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1015

Ion	Ratio	Lower	Upper
82	100		
128	176.1	144.6	217.0
54	170.7	163.0	244.6

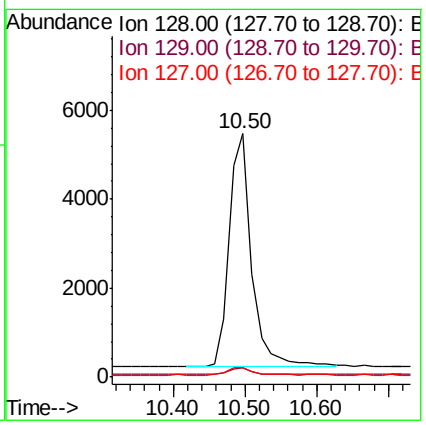


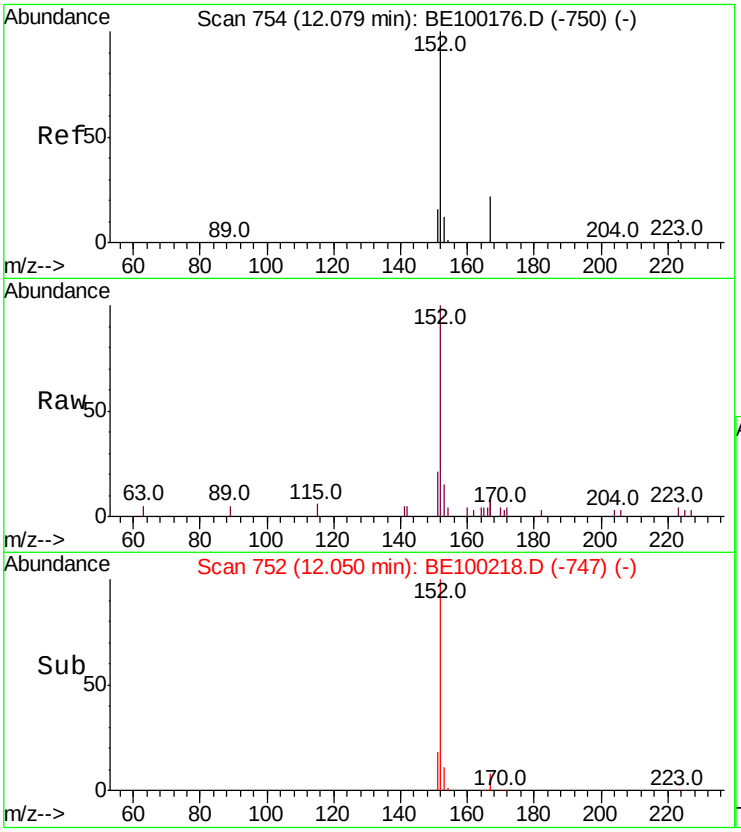


#9
Naphthalene
Concen: 0.309 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:128 Resp: 11365

Ion	Ratio	Lower	Upper
128	100		
129	3.9	3.6	5.4
127	3.9	3.8	5.8



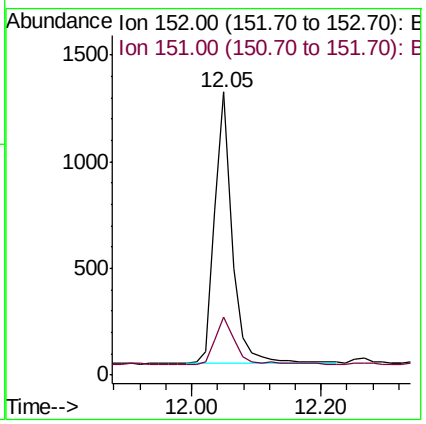


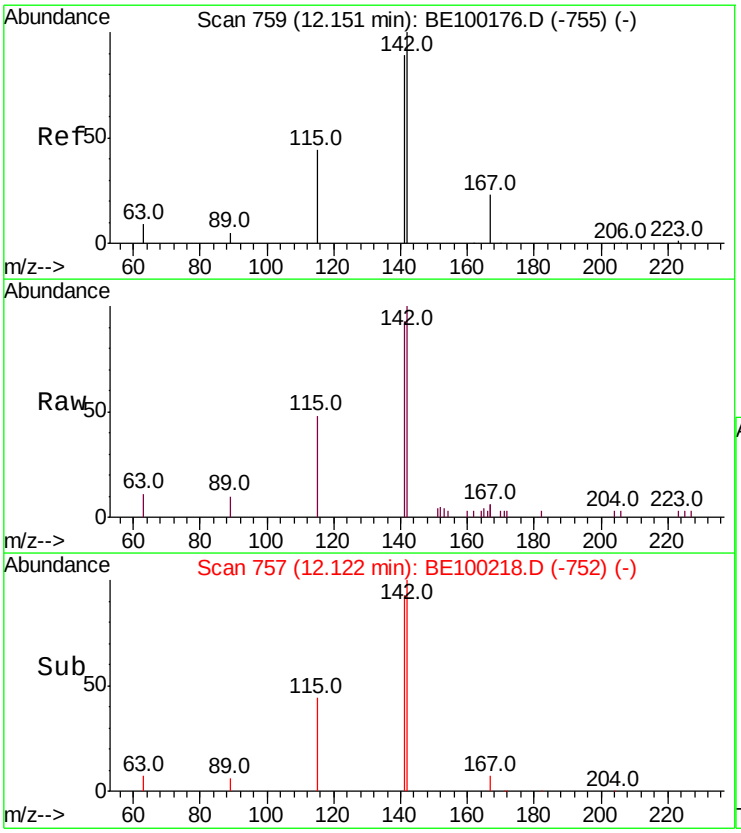
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2415

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5

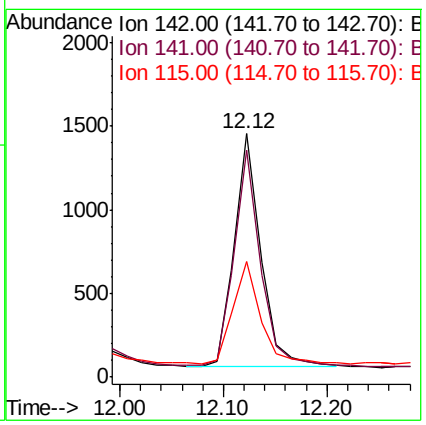


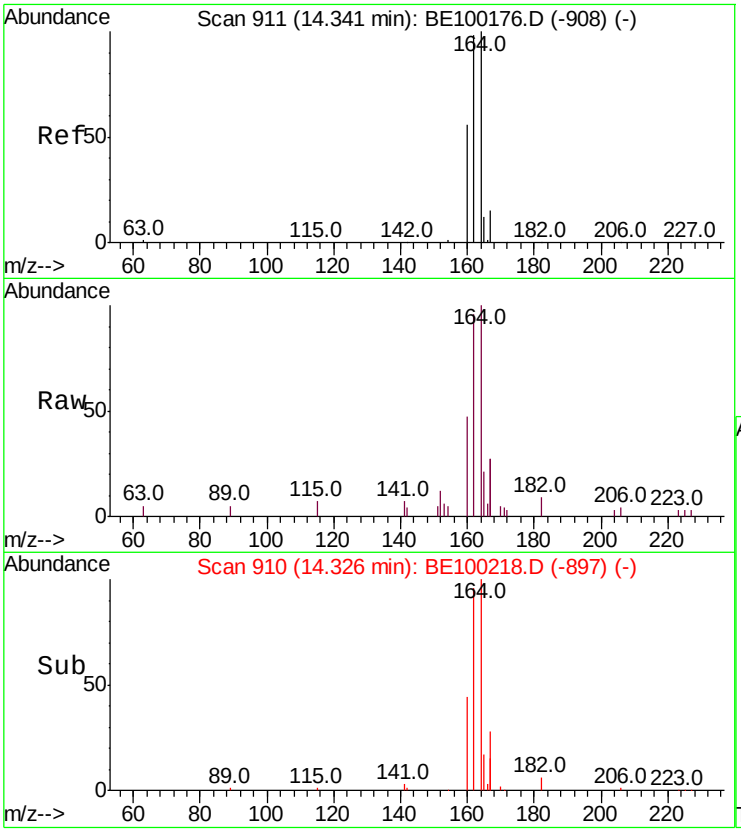


#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:142 Resp: 2446

Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.8	107.8
115	47.6	40.4	60.6



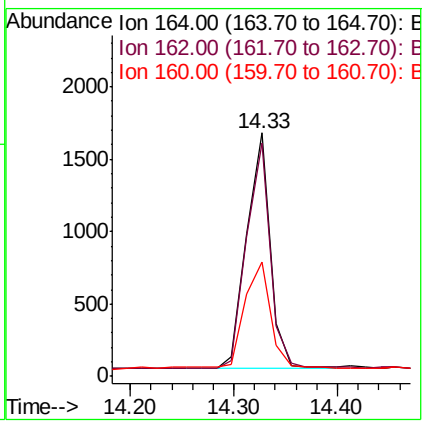


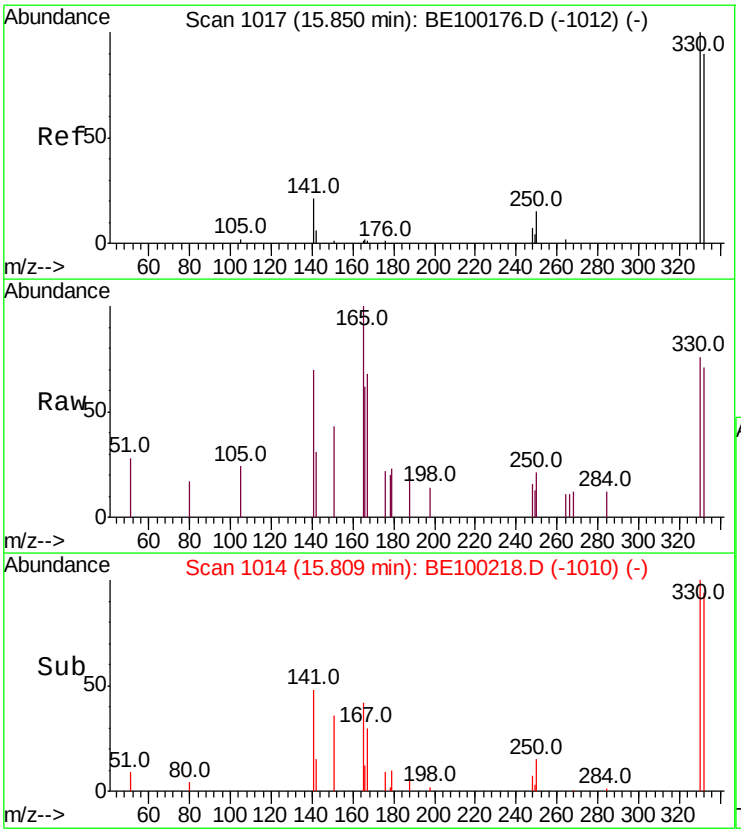
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2609

Ion	Ratio	Lower	Upper
164	100		
162	96.1	78.6	118.0
160	46.7	46.9	70.3#

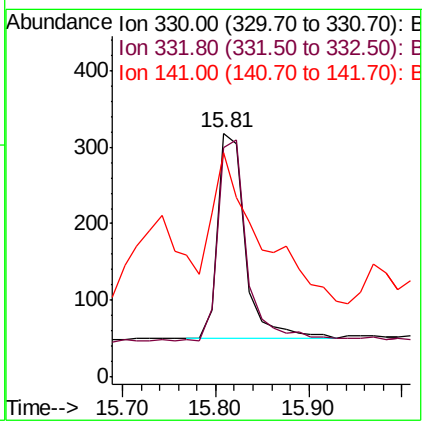


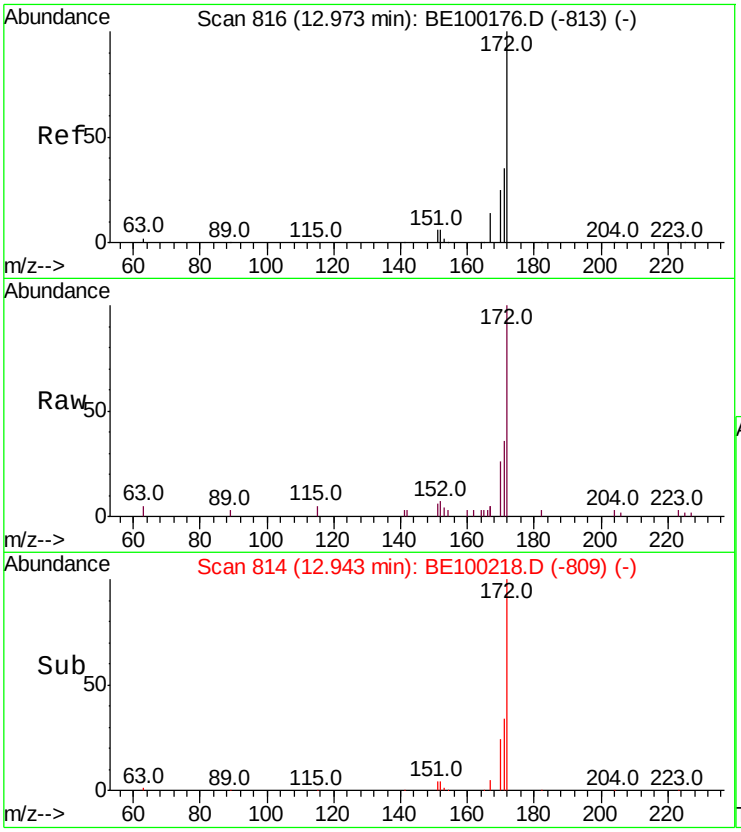


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.04 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:330 Resp: 554

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.7	116.5
141	126.9	18.9	28.3#



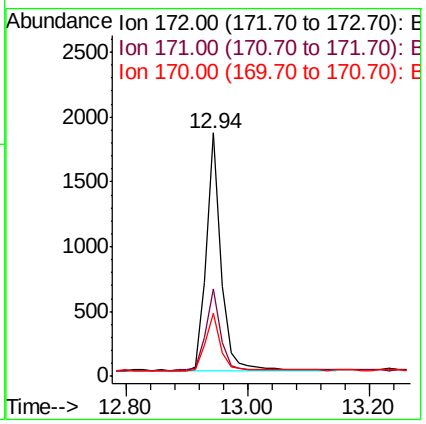


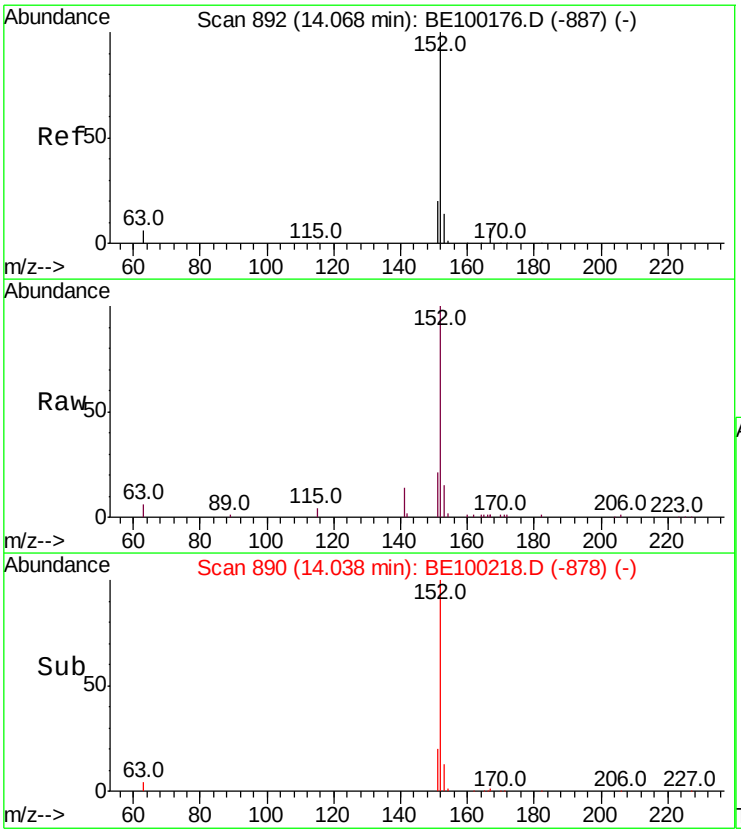
#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3026

Ion	Ratio	Lower	Upper
172	100		
171	35.7	31.0	46.4
170	25.7	23.9	35.9

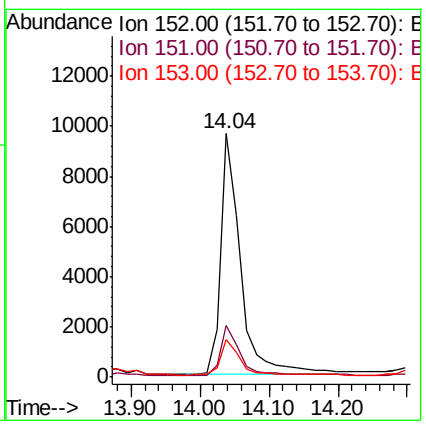


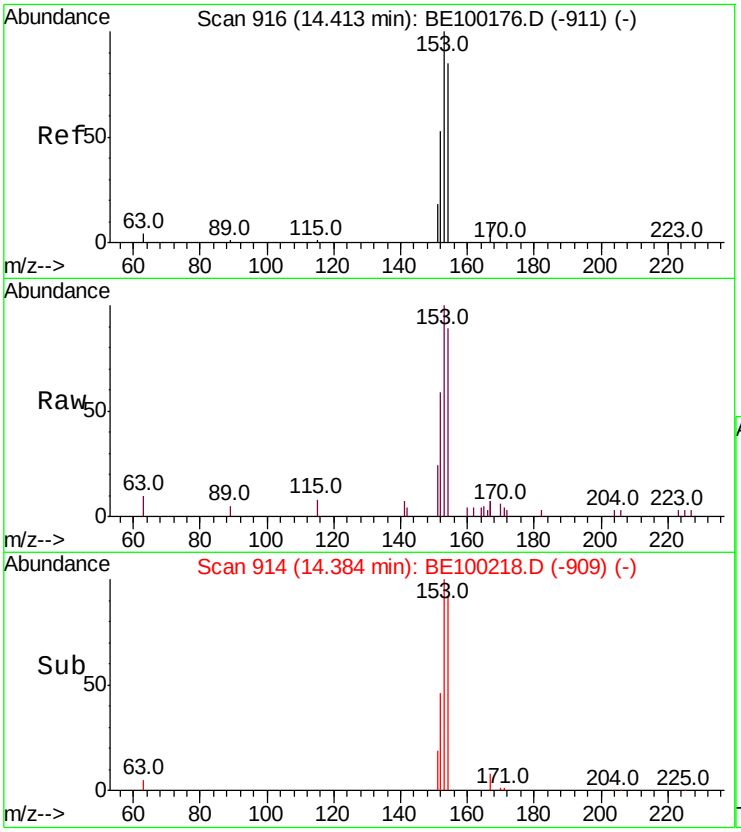


#16
Acenaphthylene
Concen: 1.521 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:152 Resp: 19351

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0
153	14.3	10.8	16.2



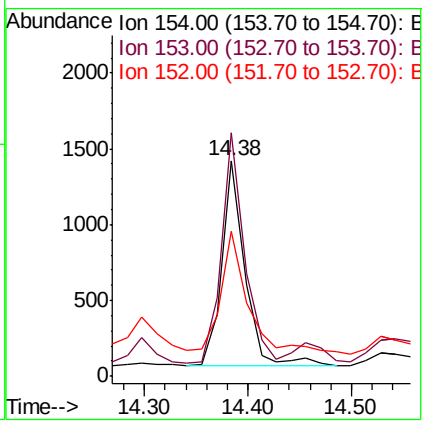


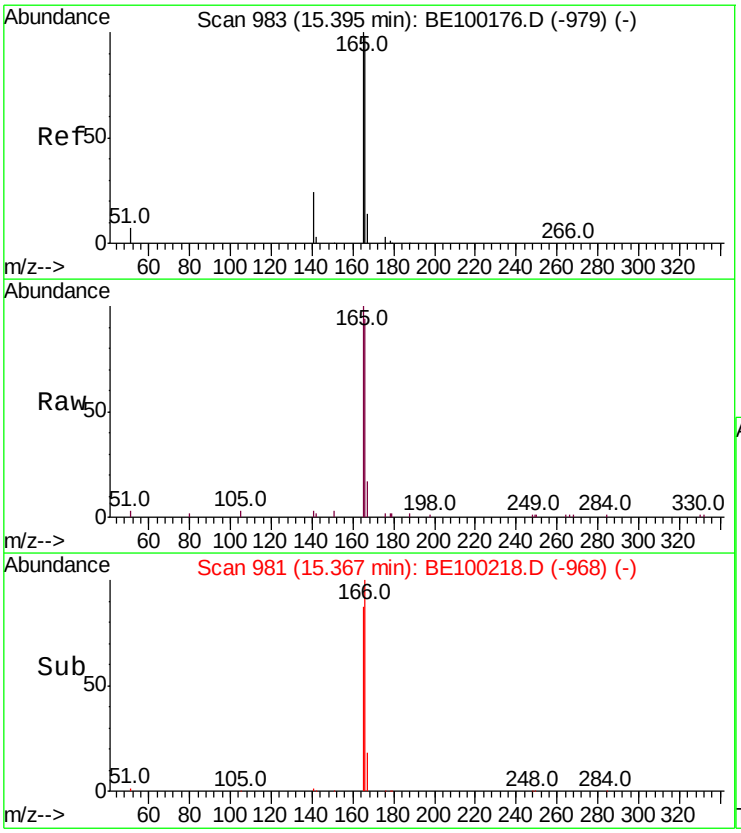
#17
Acenaphthene
Concen: 0.298 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2126

Ion	Ratio	Lower	Upper
154	100		
153	110.9	95.3	142.9
152	65.8	52.9	79.3

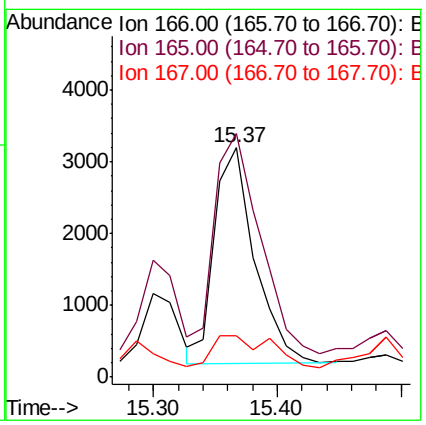


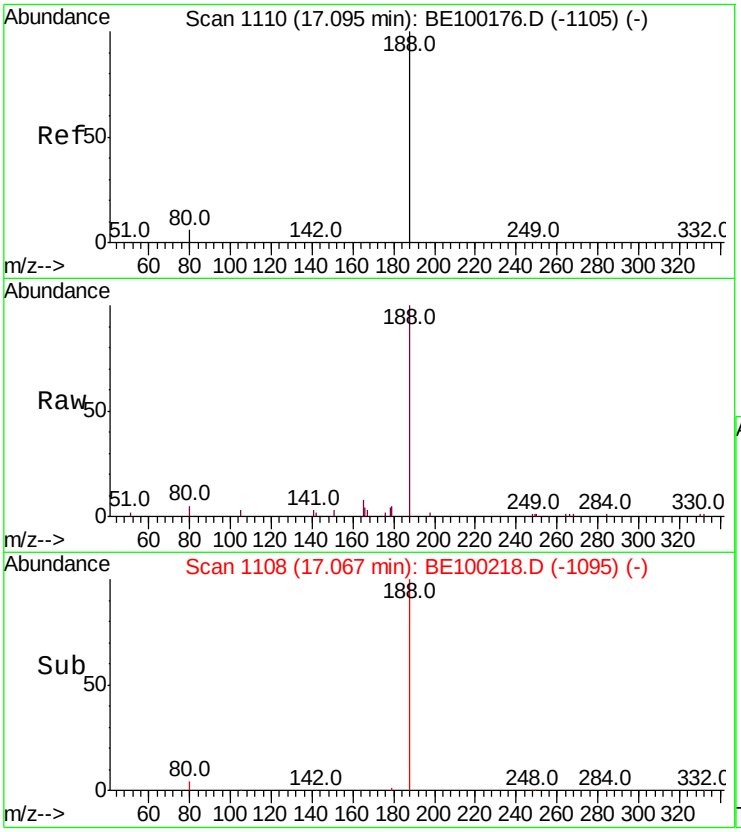


#18
Fluorene
Concen: 0.660 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:166 Resp: 6806

Ion	Ratio	Lower	Upper
166	100		
165	115.4	81.0	121.4
167	21.5	11.4	17.0#



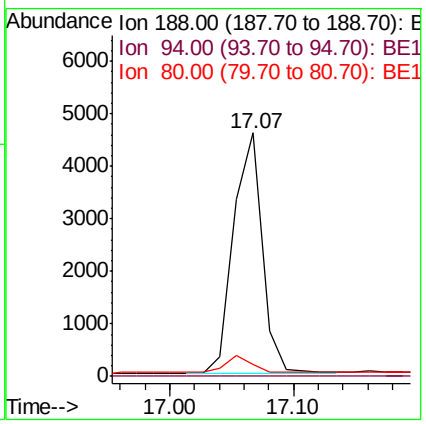


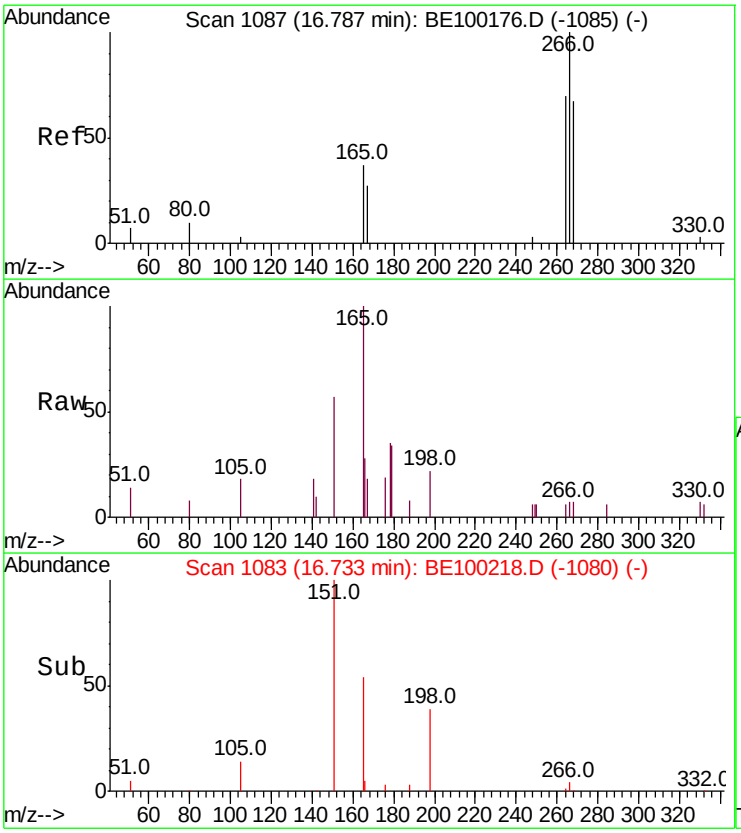
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7328

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.2	6.4	9.6#

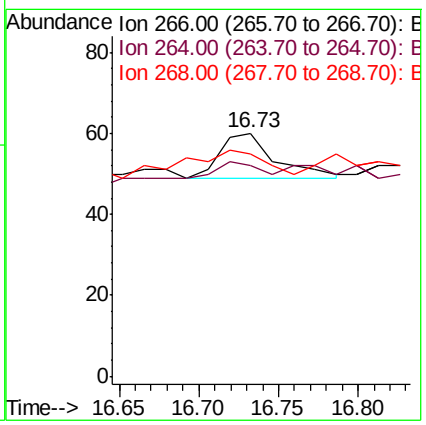


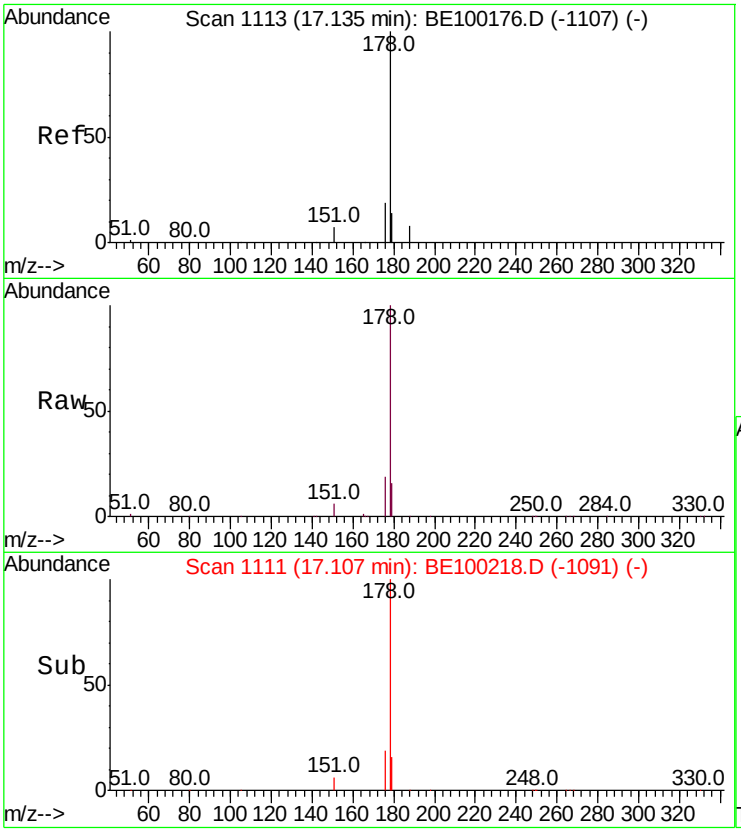


#22
Pentachlorophenol
Concen: 0.287 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	86.7	67.7	101.5
268	91.7	69.8	104.6



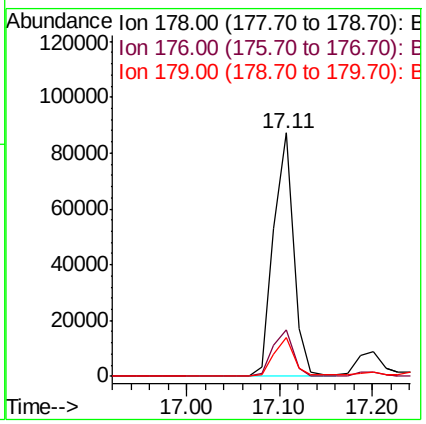


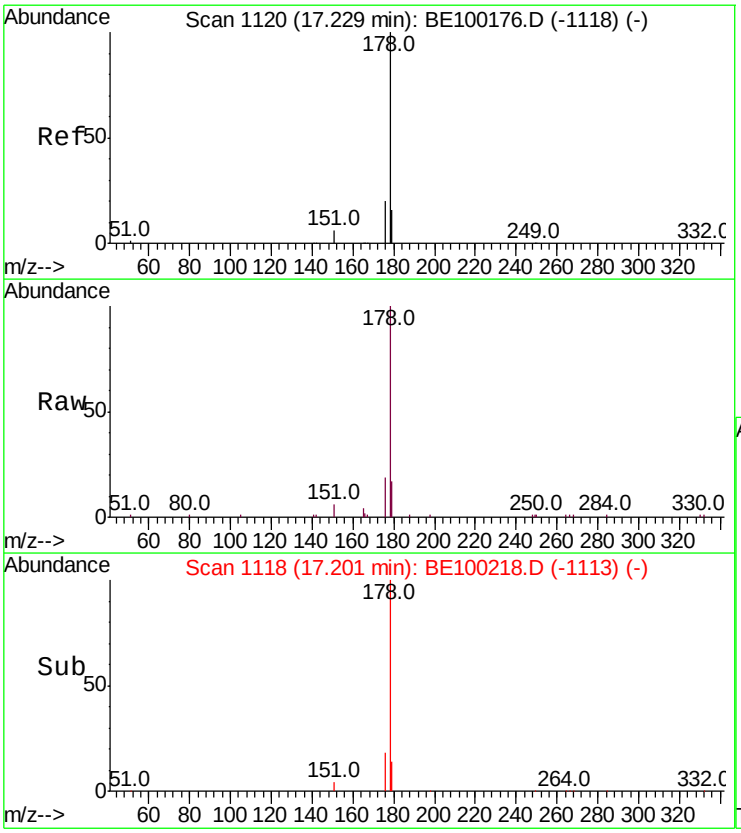
#23
Phenanthrene
Concen: 7.531 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 130714

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	12.2	18.2

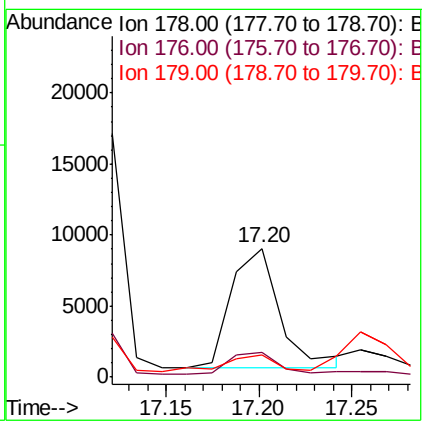


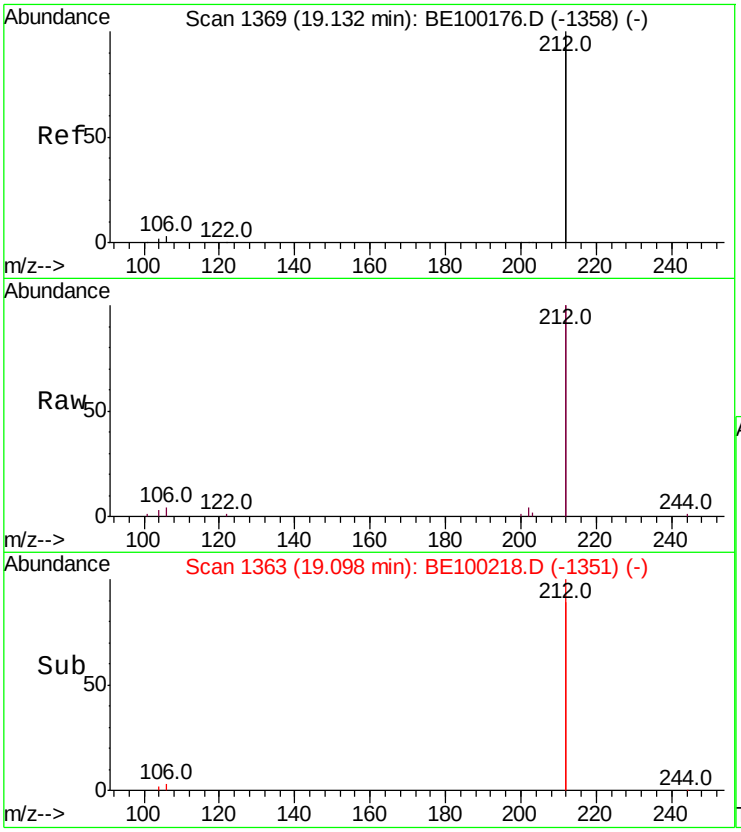


#24
Anthracene
Concen: 1.052 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:178 Resp: 15417

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	14.5	12.9	19.3



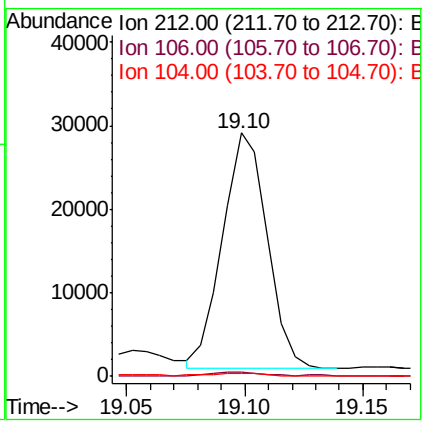


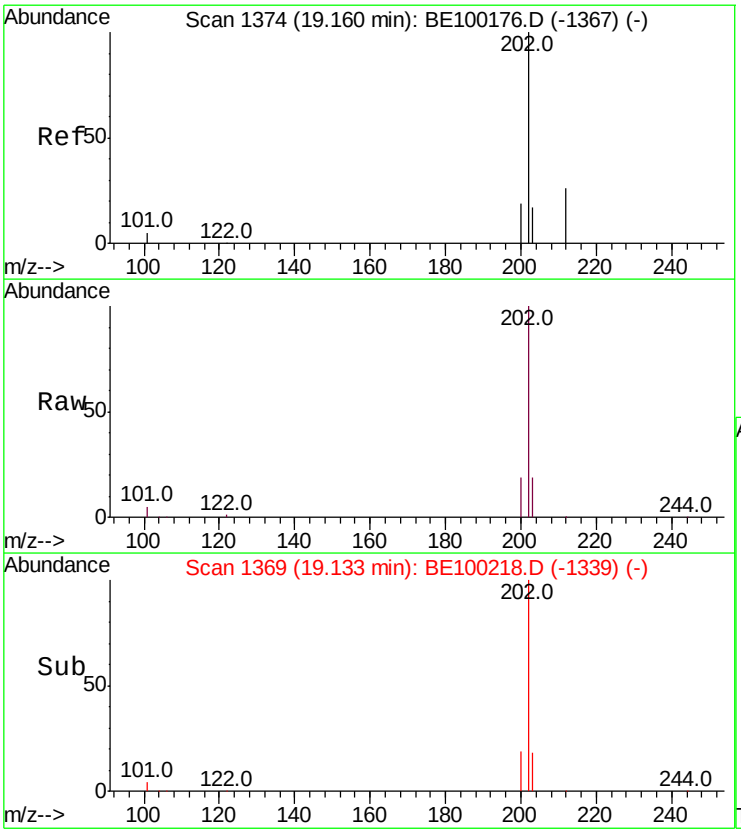
#25
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 37089

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.7	1.1

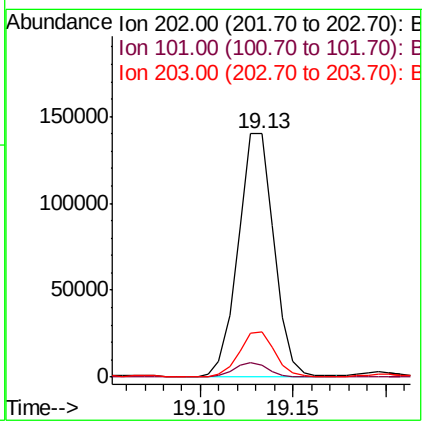


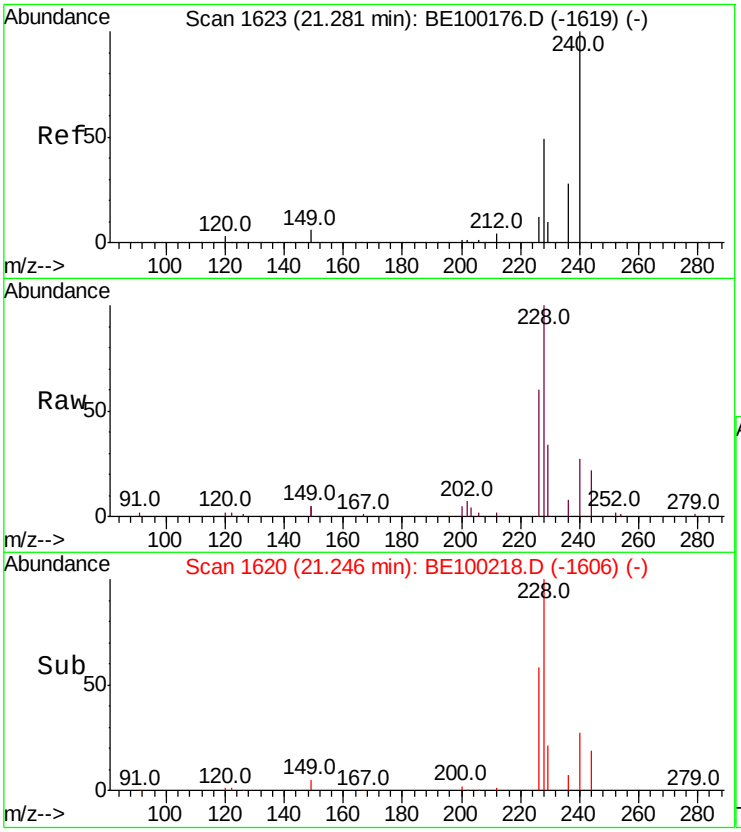


#26
Fluoranthene
Concen: 6.634 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:202 Resp: 187337

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.5	6.7
203	18.2	13.7	20.5



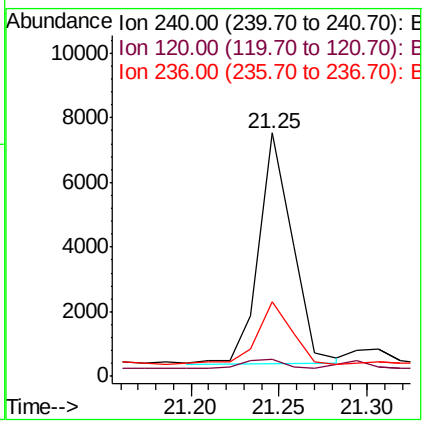


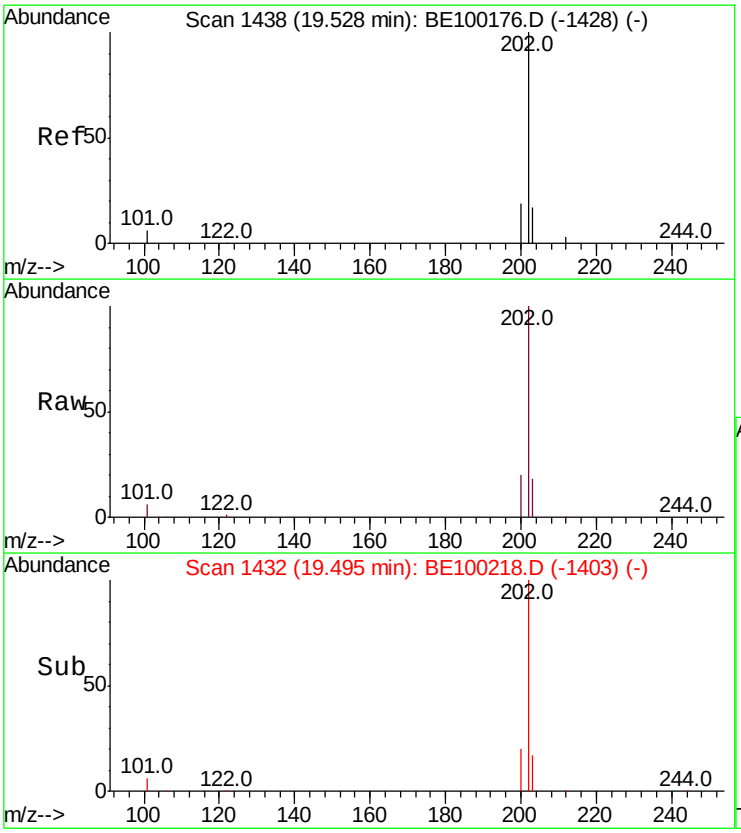
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9427

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.1	6.1#
236	30.8	23.0	34.6

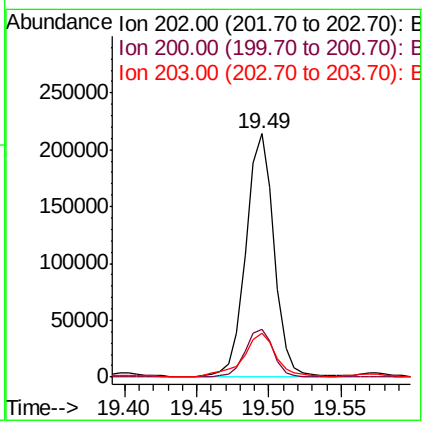


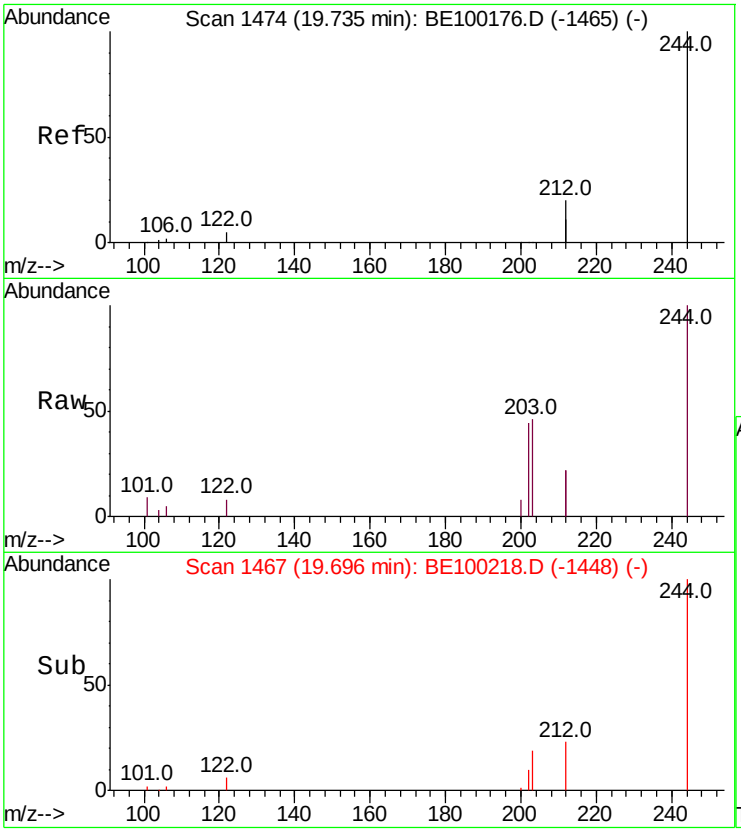


#28
Pyrene
Concen: 12.047 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:202 Resp: 290844

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.5	23.3
203	20.7	13.9	20.9



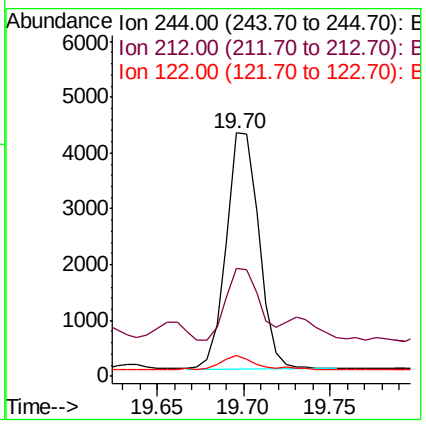


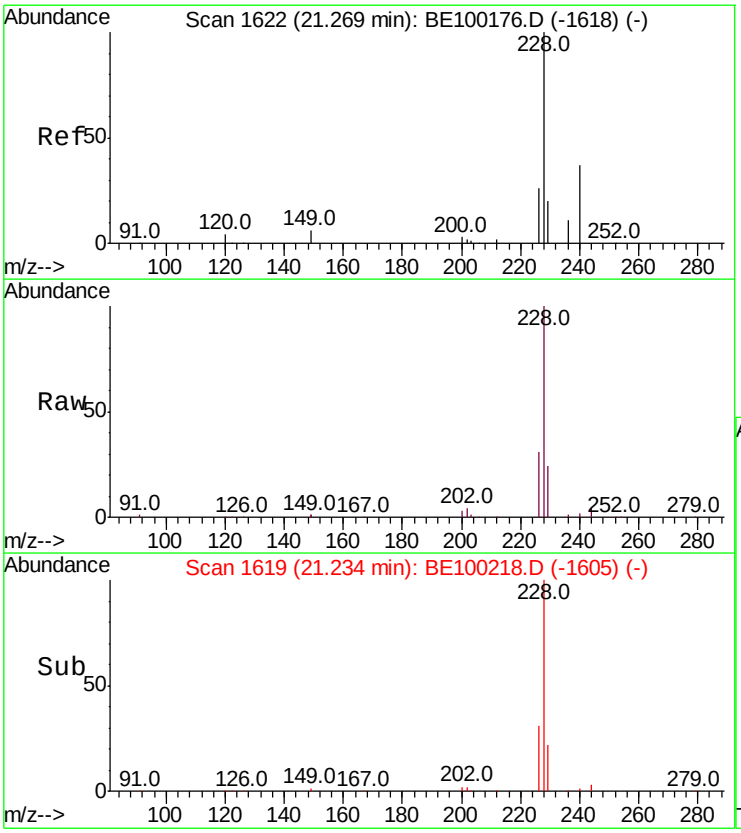
#29
Terphenyl-d14
Concen: 0.301 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.04 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5575

Ion	Ratio	Lower	Upper
244	100		
212	44.3	30.7	46.1
122	8.3	5.8	8.6

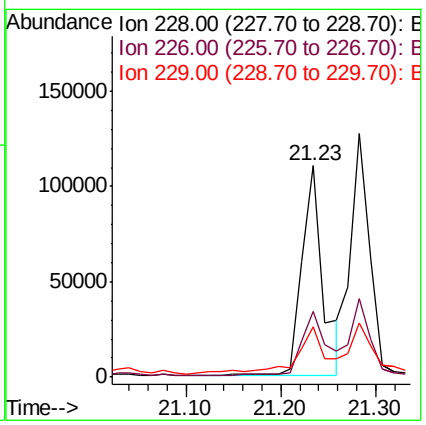


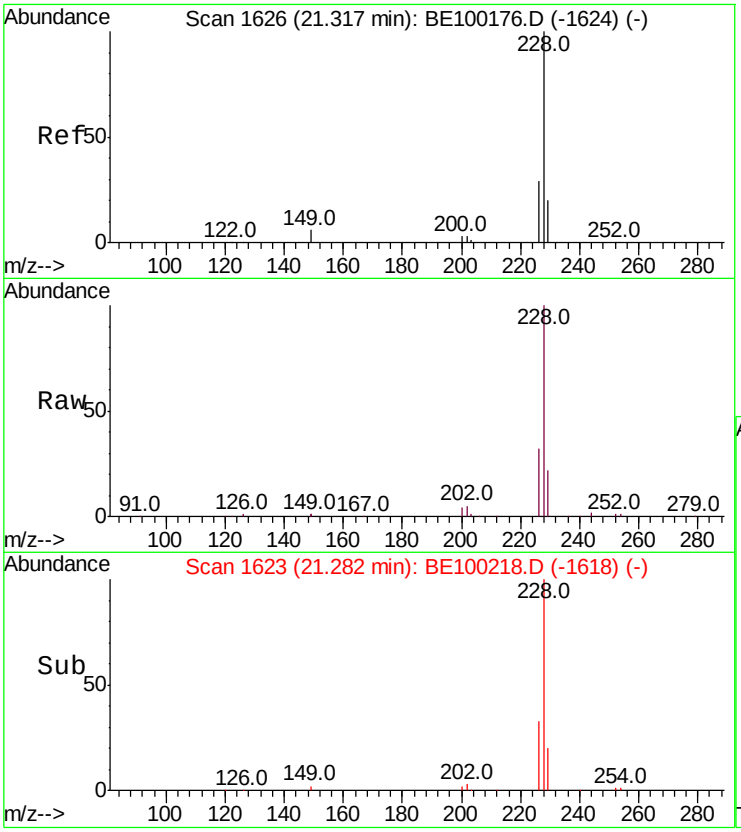


#30
Benzo(a)anthracene
Concen: 6.116 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:228 Resp: 169974

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.5	32.3
229	23.7	17.2	25.8



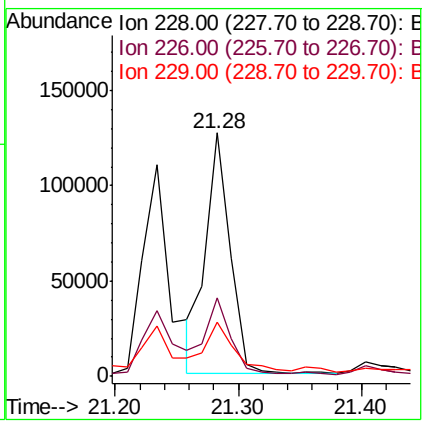


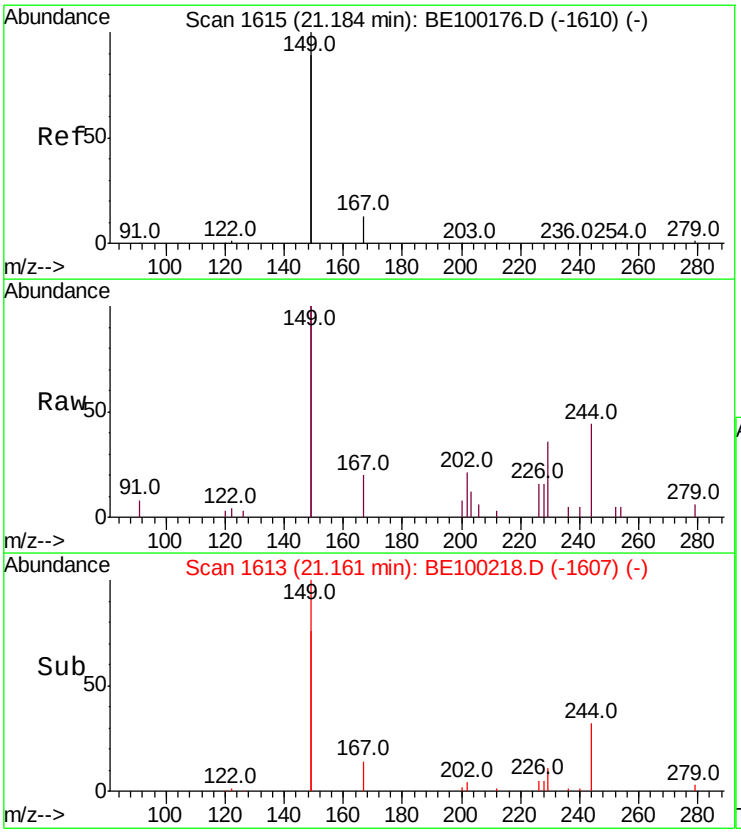
#31
Chrysene
Concen: 5.409 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 176320

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.7	35.5
229	22.2	16.5	24.7

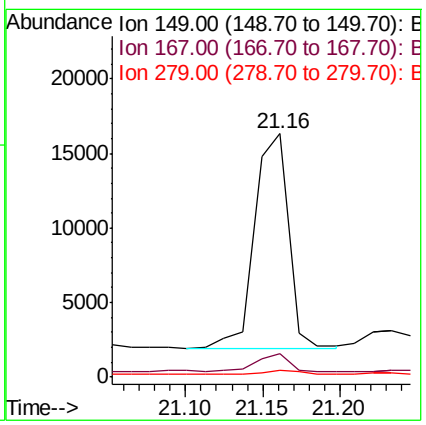


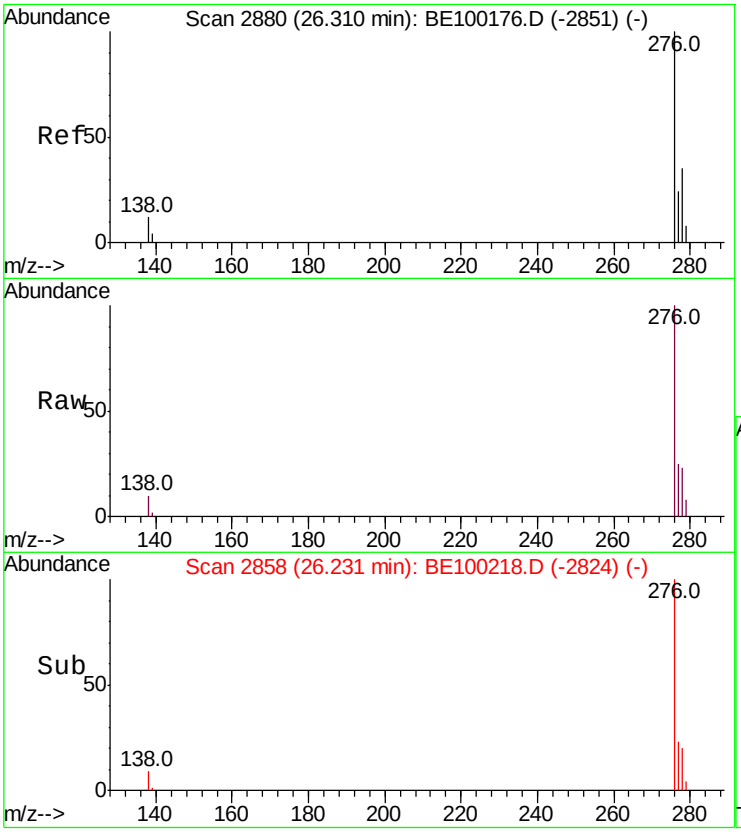


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.696 ng
RT: 21.16 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:149 Resp: 22235

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.9	8.9
279	1.8	1.0	1.6#



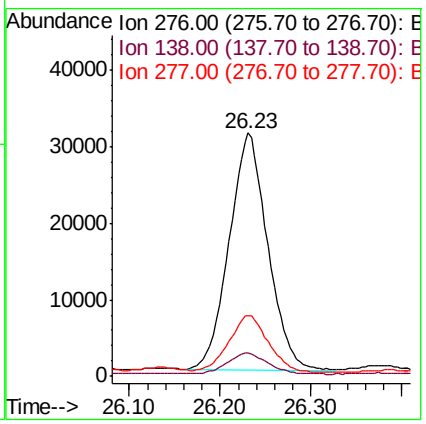


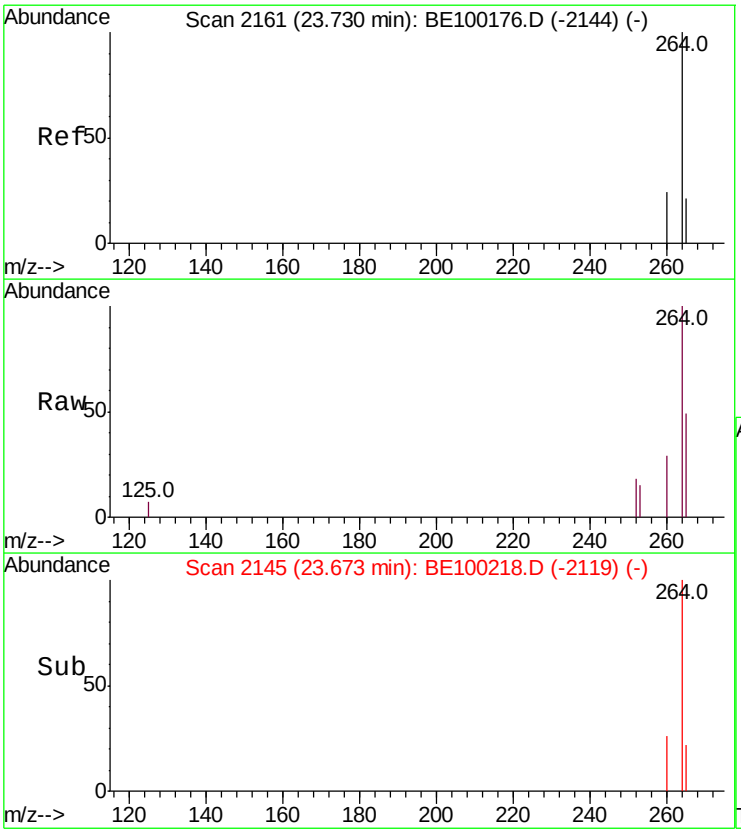
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.960 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.08 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 90962

Ion	Ratio	Lower	Upper
276	100		
138	9.4	3.7	5.5#
277	24.8	18.7	28.1

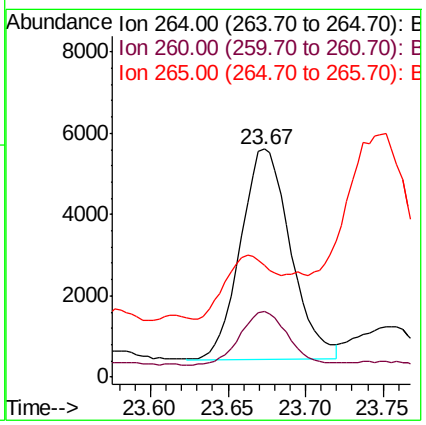


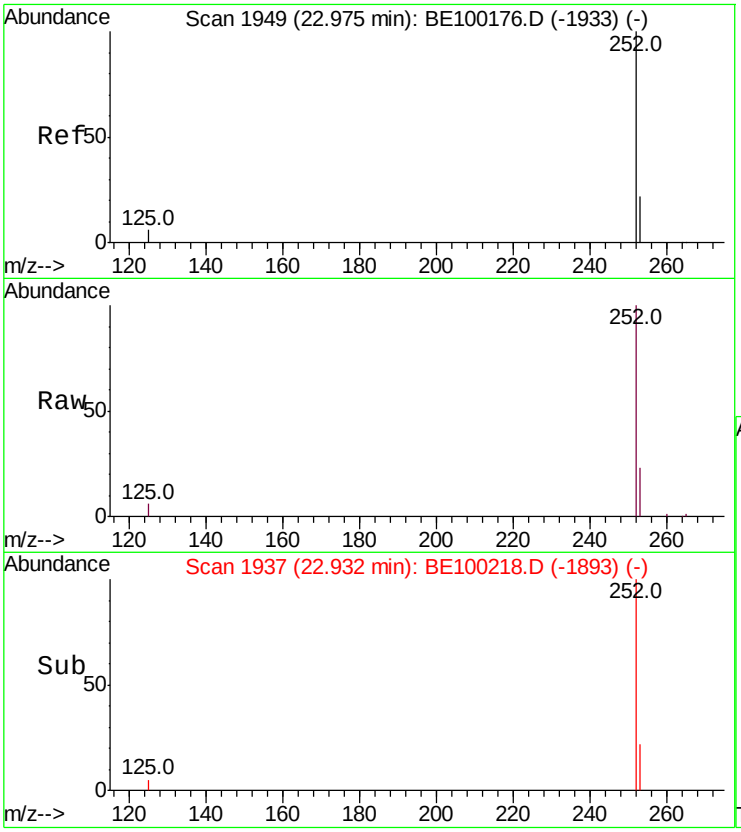


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. -0.06 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:264 Resp: 11635

Ion	Ratio	Lower	Upper
264	100		
260	29.0	20.4	30.6
265	49.1	22.5	33.7#



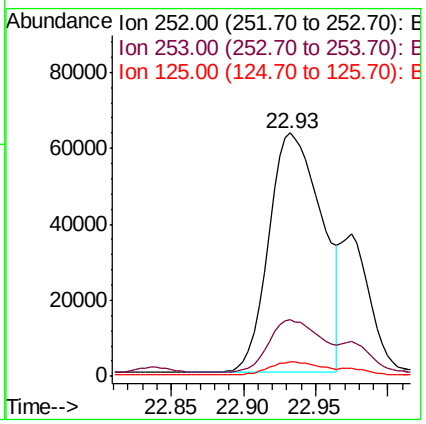


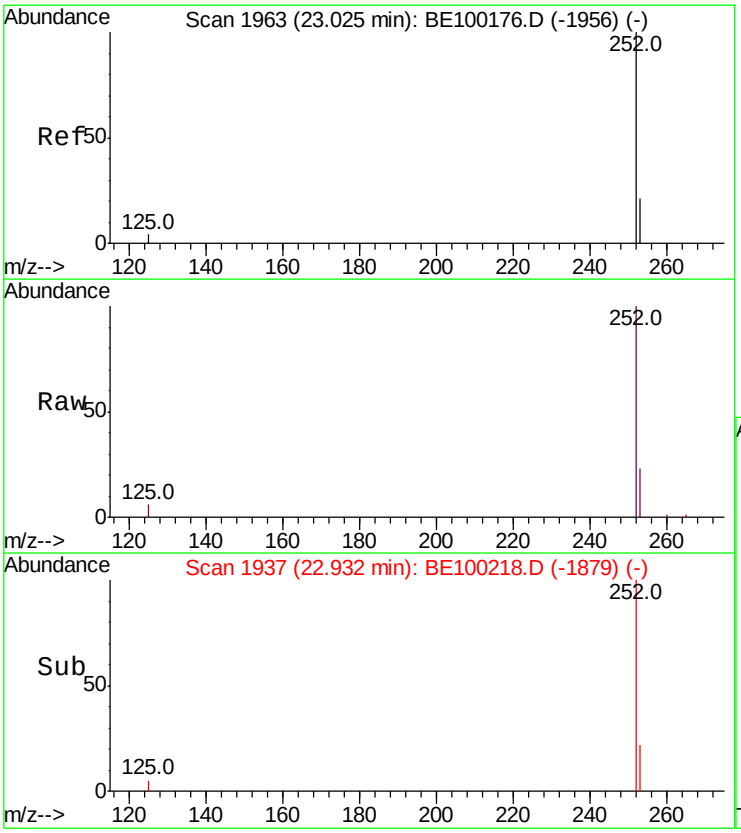
#35
Benzo(b)fluoranthene
Concen: 5.157 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.04 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 161391

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	5.7	6.3	9.5#

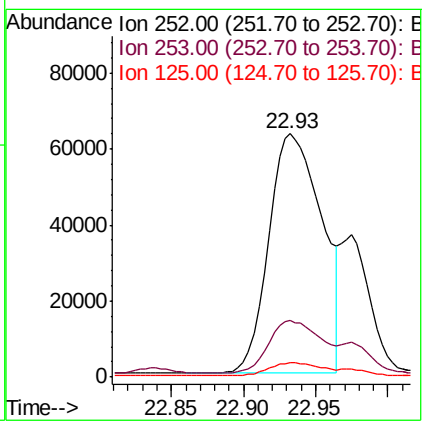


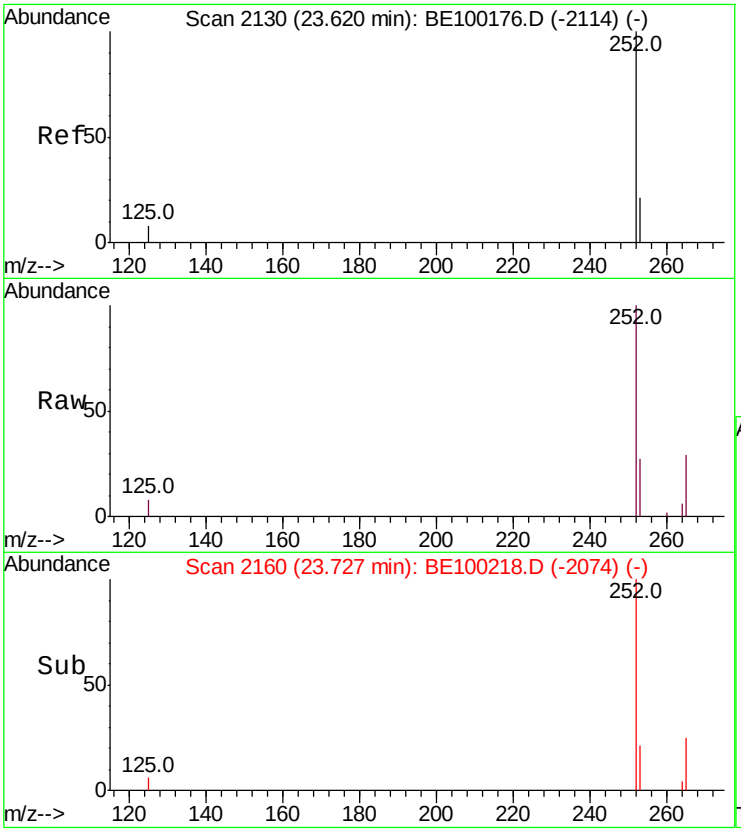


#36
Benzo(k)fluoranthene
Concen: 4.310 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.09 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:252 Resp: 161391

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.7	5.0	7.4



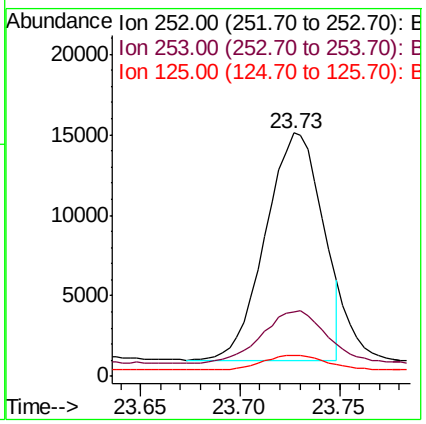


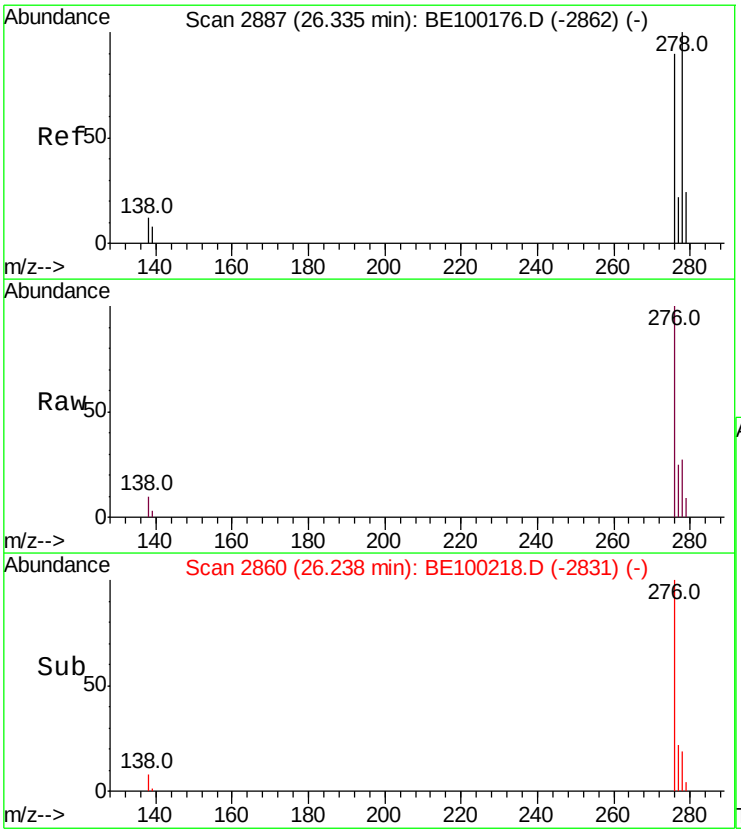
#37
Benzo(a)pyrene
Concen: 0.856 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.11 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 27769

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.2	28.8
125	8.4	8.2	12.2

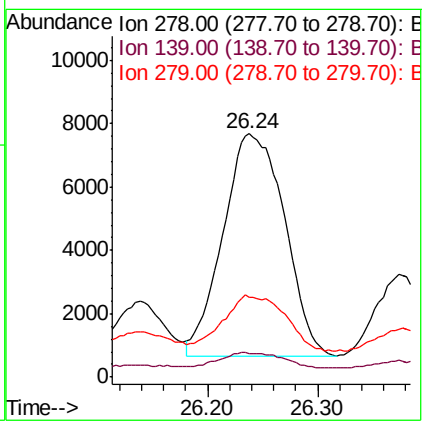


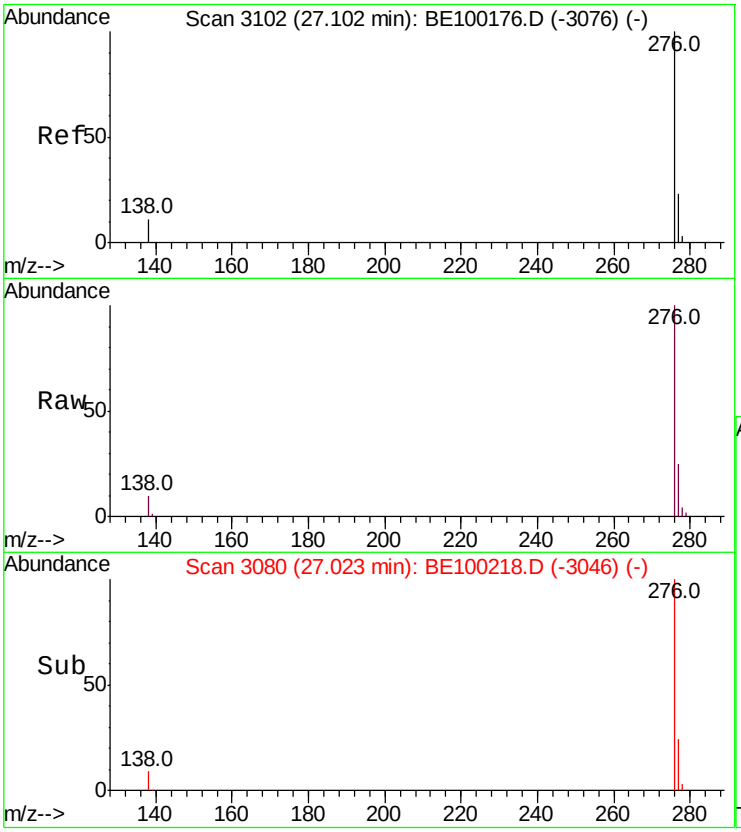


#38
Dibenzo(a,h)anthracene
Concen: 0.784 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.10 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Tgt Ion:278 Resp: 27176

Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.4
279	32.5	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 2.915 ng
RT: 27.02 min Scan# 3080
Delta R.T. -0.08 min
Lab File: BE100218.D
Acq: 27 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 105553

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.6
138	9.8	10.2	15.4#