Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100356.D
Acq On : 4 Jul 2019 8:33
Operator : JU/SJ
Sample : K3558-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 05 01:13:54 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	7.63	152	562	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	1990	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1659	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5086	0.40	ng		0.00
27) Chrysene-d12	21.25	240	6686	0.40	ng		0.00
34) Perylene-d12	23.66	264	8408	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	391	0.27	ng		0.00
5) Phenol-d6	6.83	99	454	0.24	ng		-0.01
8) Nitrobenzene-d5	8.82	82	416	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	821	0.22	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	345	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	1242	0.19	ng		-0.02
25) Fluoranthene-d10	19.09	212	11678	0.16	ng		0.00
29) Terphenyl-d14	19.69	244	2626	0.19	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.44	42	11	0.027	ng	#	16
9) Naphthalene	10.48	128	3380	0.154	ng	#	93
12) 2-Methylnaphthalene	12.11	142	750	0.195	ng	#	93
16) Acenaphthylene	14.04	152	4274	0.537	ng		97
17) Acenaphthene	14.37	154	1578	0.350	ng		94
18) Fluorene	15.35	166	4285	0.642	ng	#	93
23) Phenanthrene	17.09	178	107993	8.761	ng		100
24) Anthracene	17.19	178	8027	0.723	ng		96
26) Fluoranthene	19.12	202	161973	8.249	ng		98
28) Pyrene	19.48	202	218090	12.320	ng	#	95
30) Benzo(a)anthracene	21.22	228	109573	4.984	ng		97
31) Chrysene	21.28	228	125160	5.670	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	3444	0.053	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.22	276	52919	1.812	ng	#	98
35) Benzo(b)fluoranthene	22.92	252	104851	4.600	ng	#	96
36) Benzo(k)fluoranthene	22.92	252	104851	4.121	ng		98
37) Benzo(a)pyrene	23.72	252	15533	0.680	ng		93
38) Dibenzo(a,h)anthracene	26.23	278	15304	0.641	ng	#	88
39) Benzo(g,h,i)perylene	27.01	276	62886	2.565	ng		99

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

Quantitation Report (Not Reviewed)

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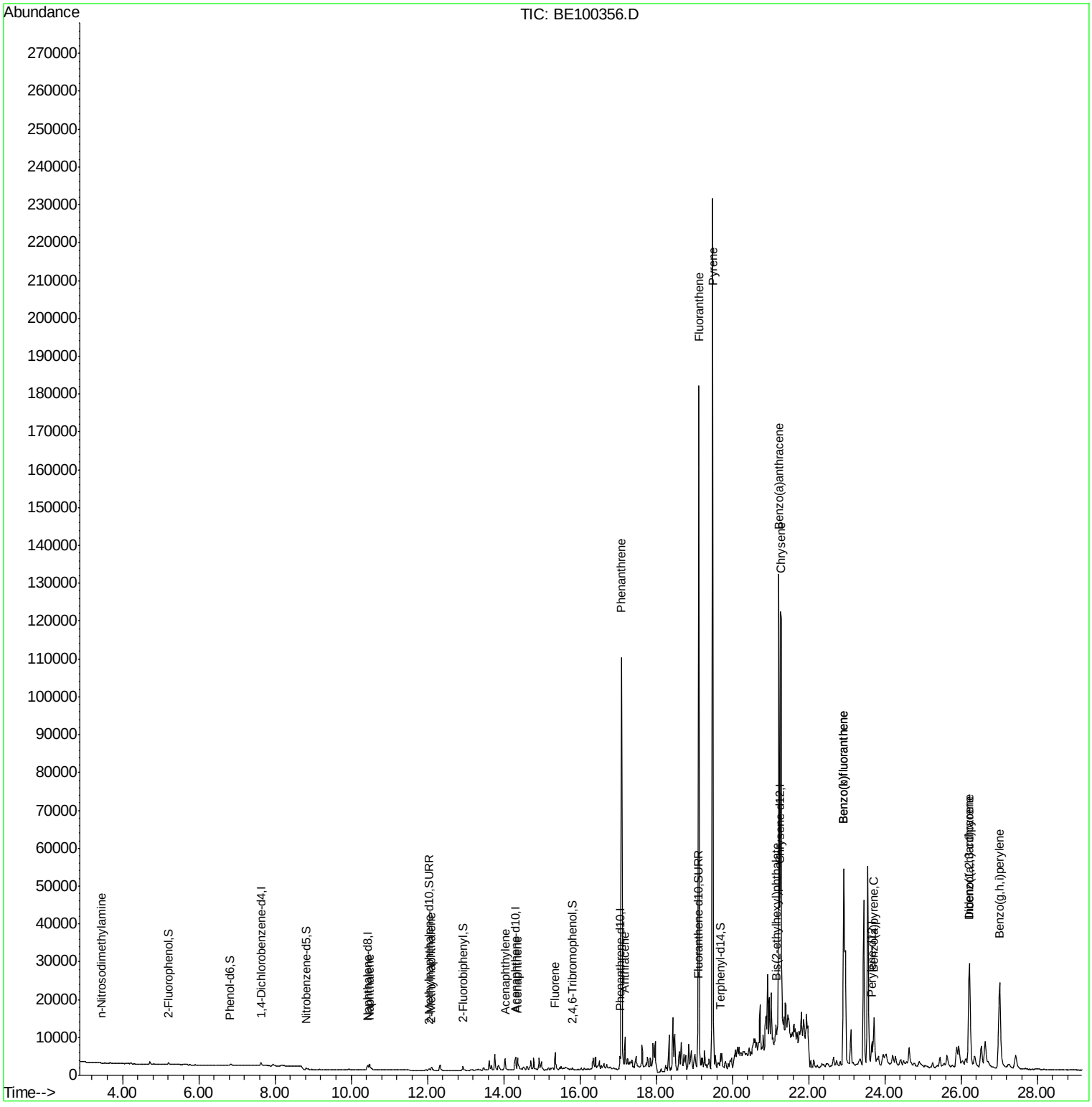
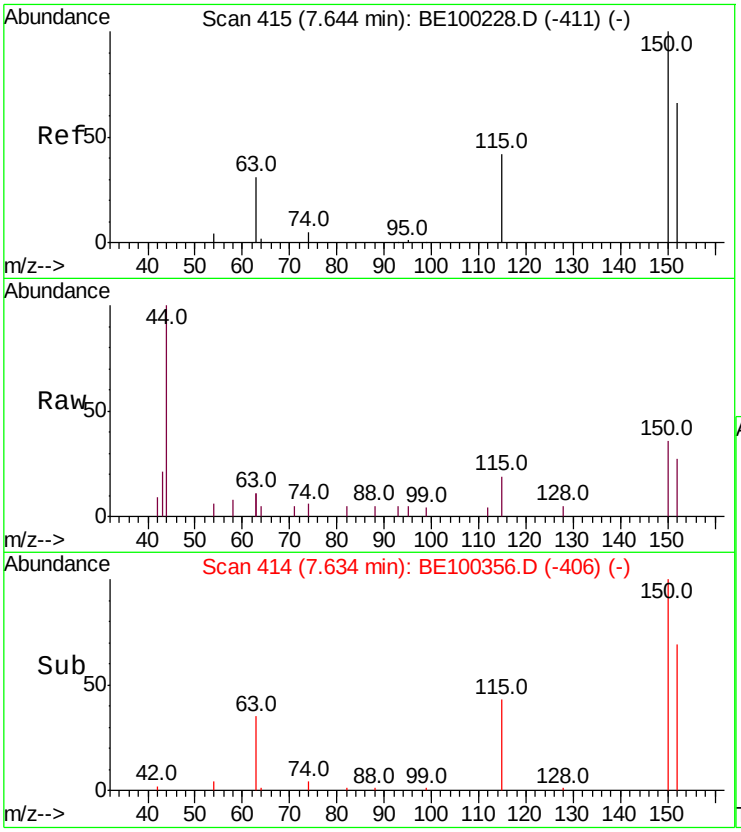


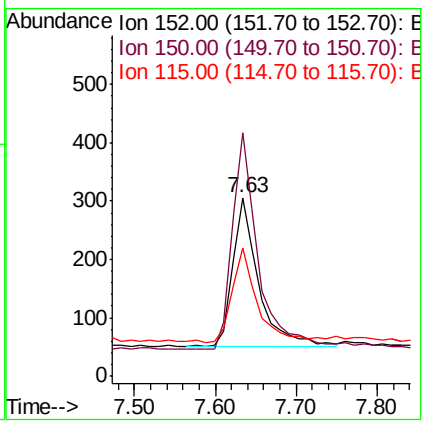


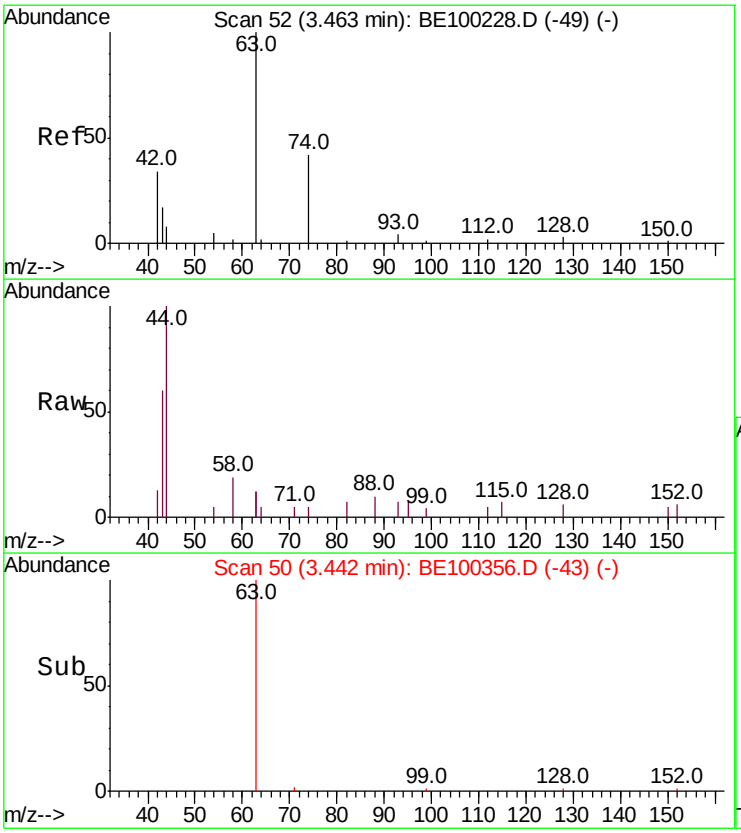
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 562

Ion	Ratio	Lower	Upper
152	100		
150	136.3	114.5	171.7
115	71.6	57.1	85.7

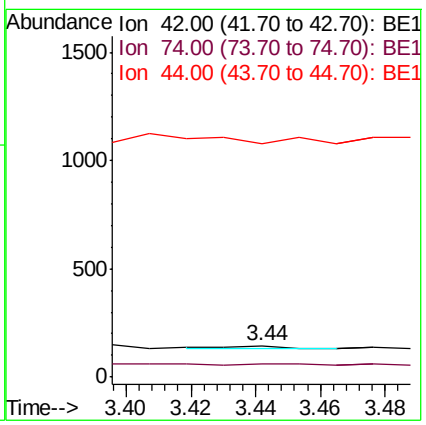


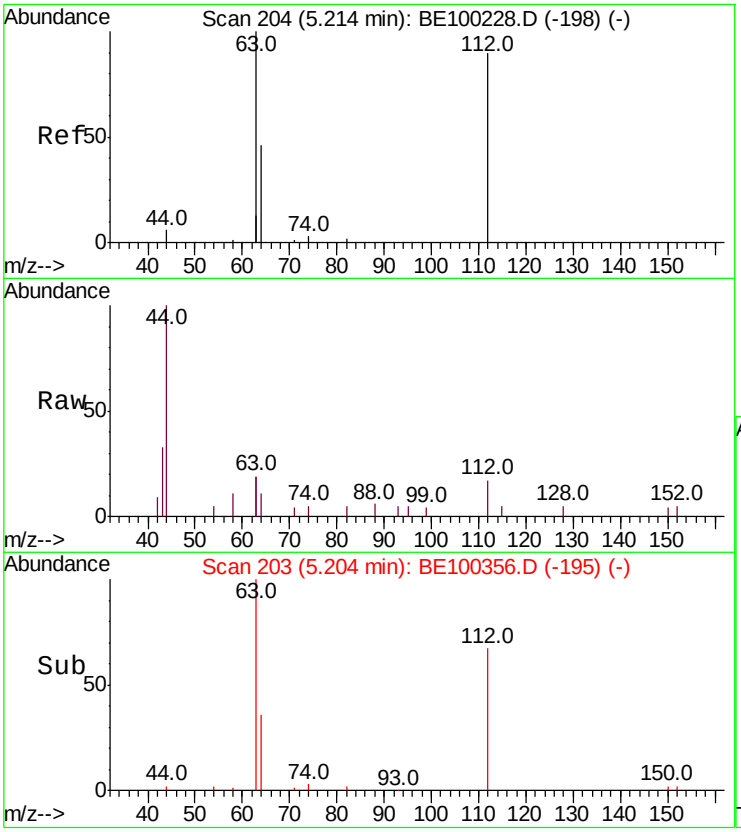


#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion: 42 Resp: 11

Ion	Ratio	Lower	Upper
42	100		
74	45.5	130.6	196.0#
44	0.0	38.0	57.0#



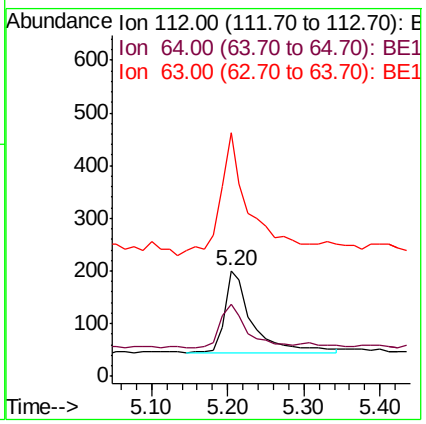


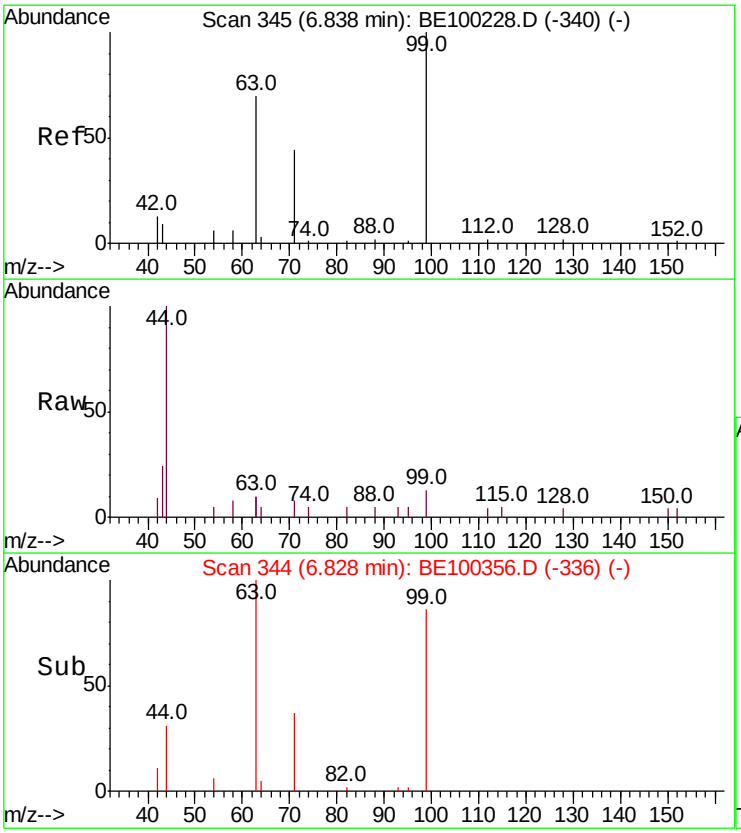
#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 391

Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.4	59.0
63	161.1	104.5	156.7#

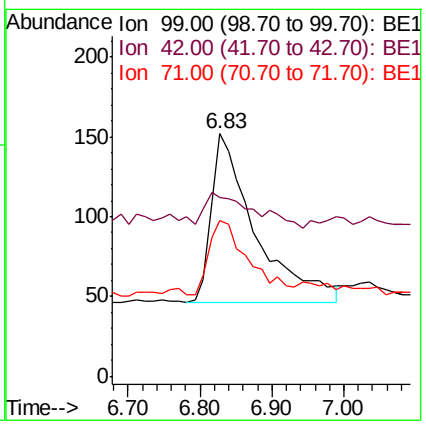


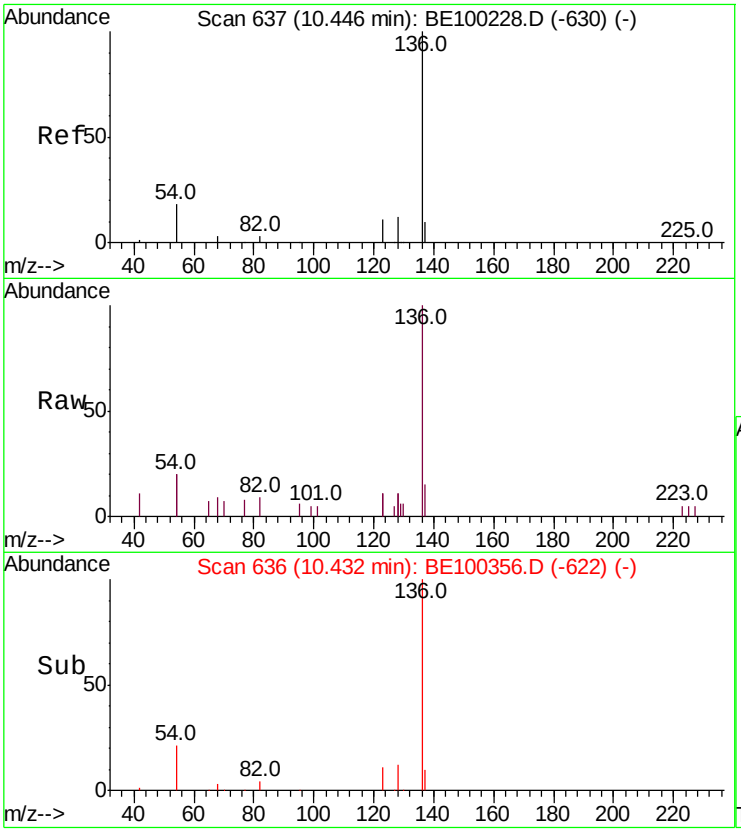


#5
Phenol-d6
Concen: 0.241 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion: 99 Resp: 454

Ion	Ratio	Lower	Upper
99	100		
42	22.5	11.2	16.8#
71	39.0	37.2	55.8



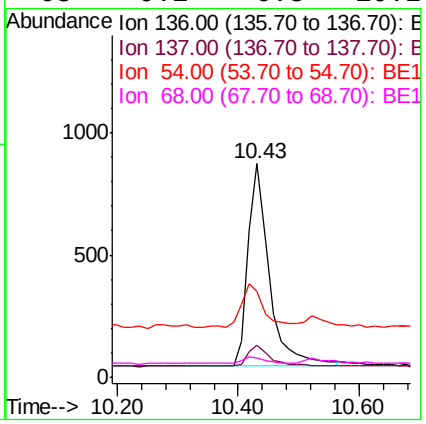


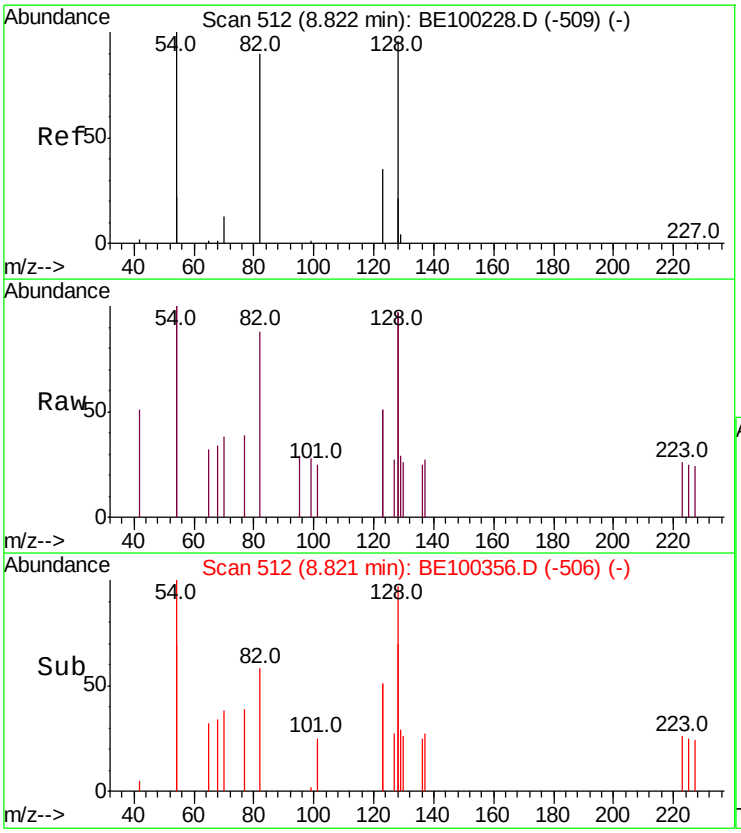
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1990

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.8	17.8
54	40.0	27.7	41.5
68	9.2	6.8	10.2

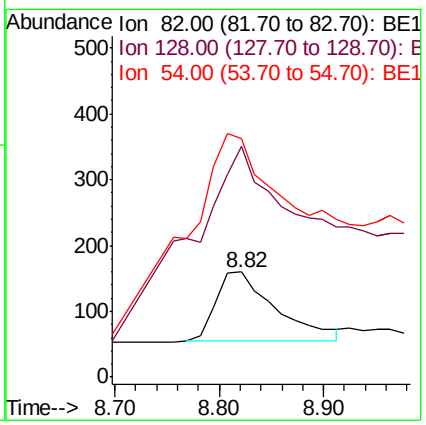


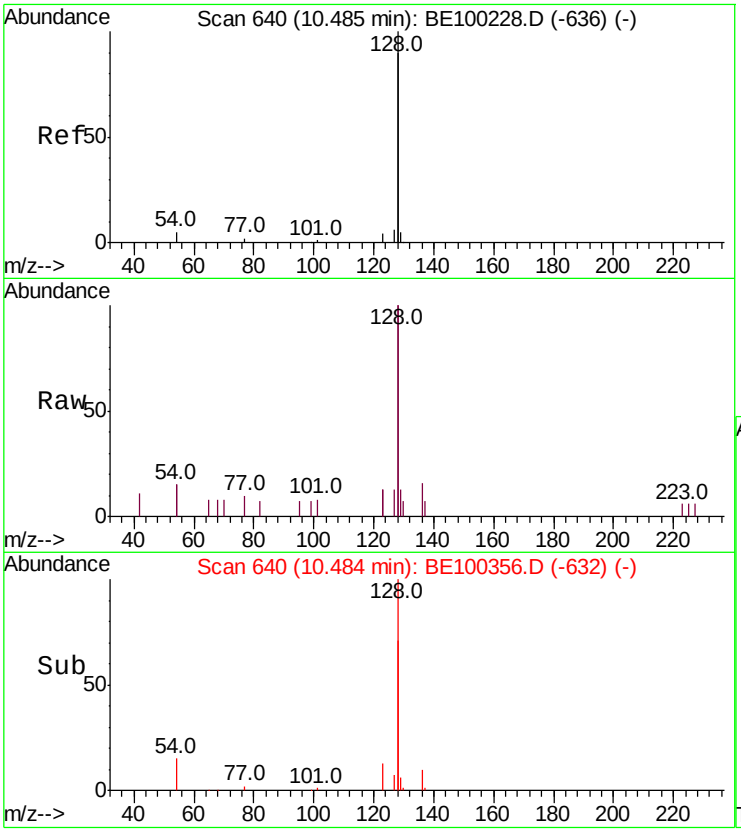


#8
Nitrobenzene-d5
Concen: 0.210 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion: 82 Resp: 416

Ion	Ratio	Lower	Upper
82	100		
128	218.8	140.9	211.3#
54	226.3	146.2	219.2#



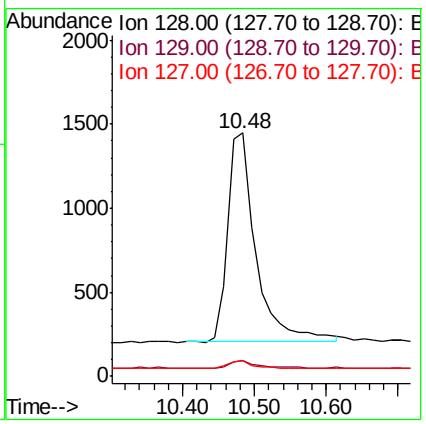


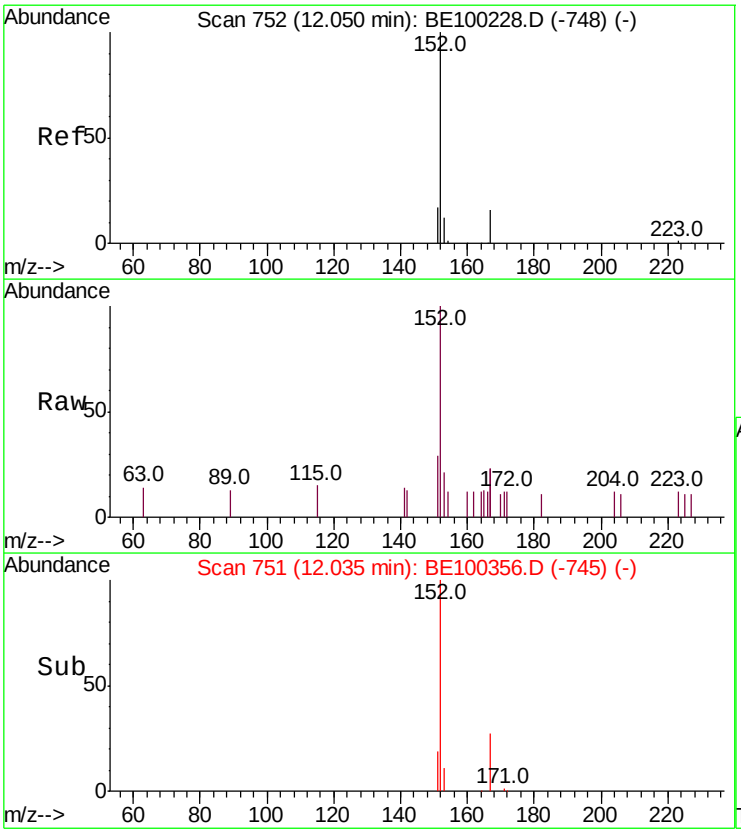
#9
Naphthalene
Concen: 0.154 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3380

Ion	Ratio	Lower	Upper
128	100		
129	6.4	3.0	4.6#
127	6.6	3.5	5.3#

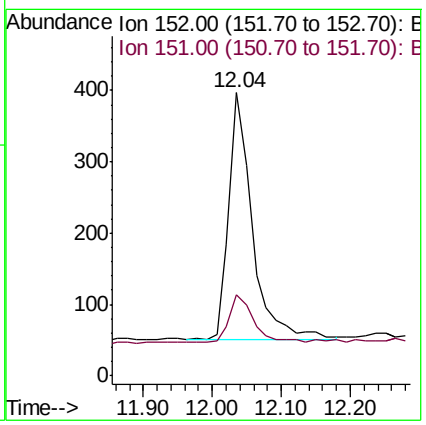


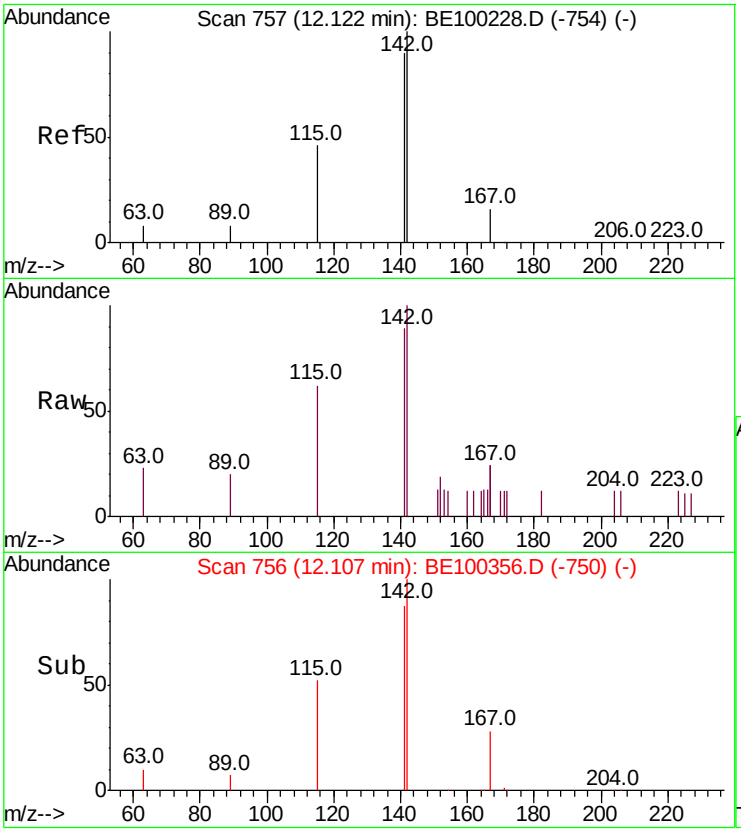


#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.02 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:152 Resp: 821

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7



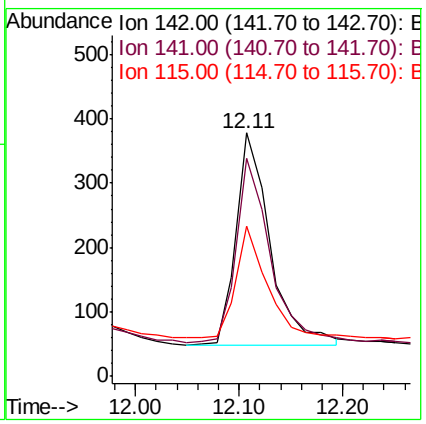


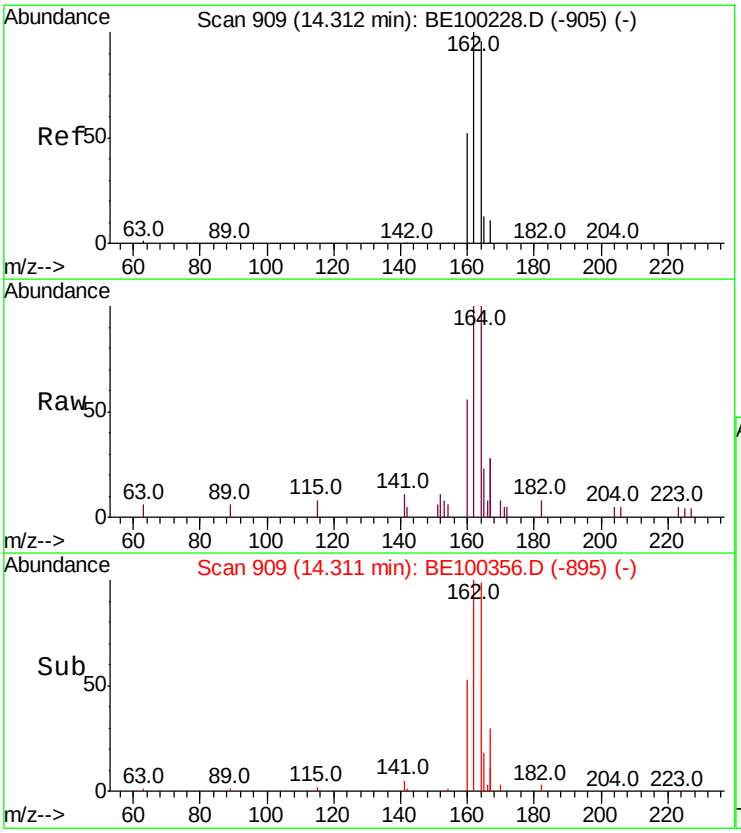
#12
2-Methylnaphthalene
Concen: 0.195 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.02 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 750

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.4	108.6
115	61.9	40.4	60.6#

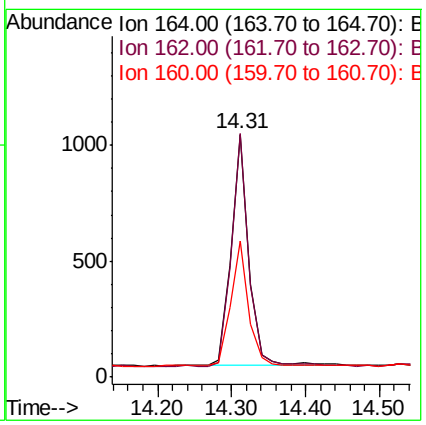


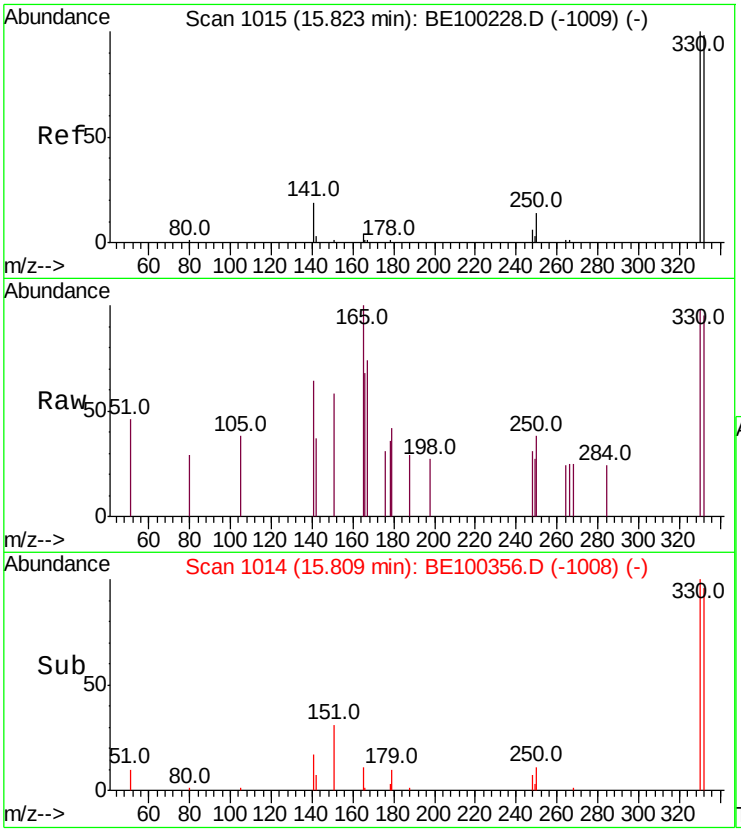


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:164 Resp: 1659

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.0
160	56.0	45.0	67.6



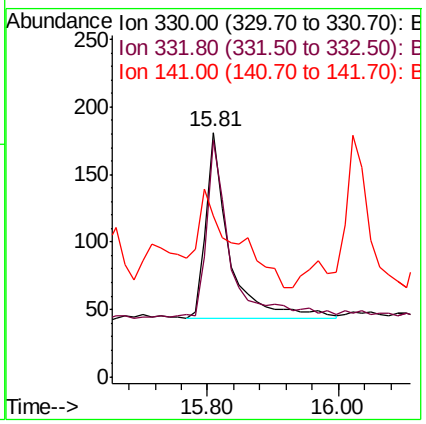


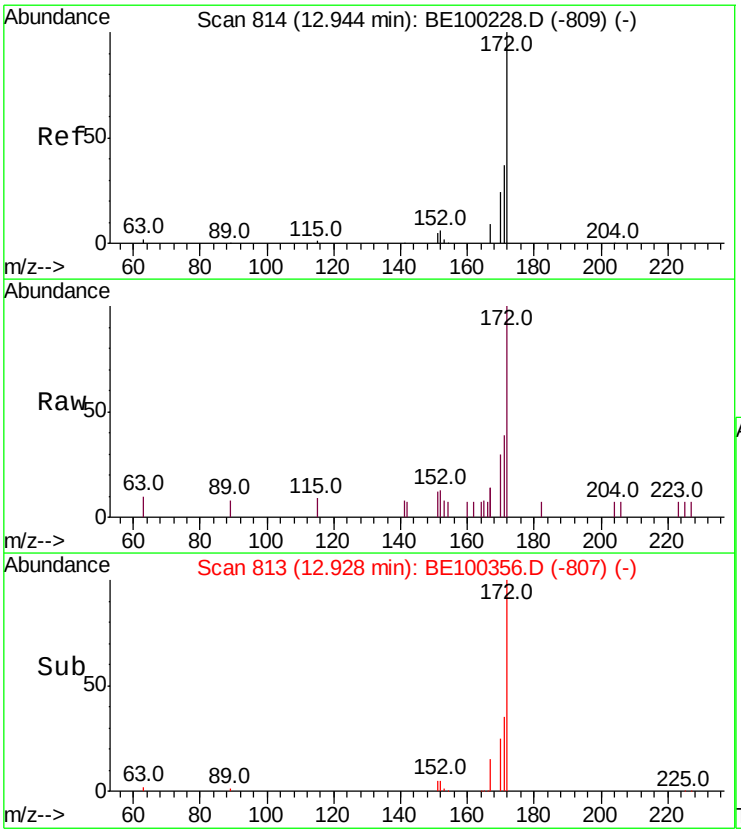
#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 345

Ion	Ratio	Lower	Upper
330	100		
332	89.9	77.0	115.4
141	79.7	22.0	33.0#

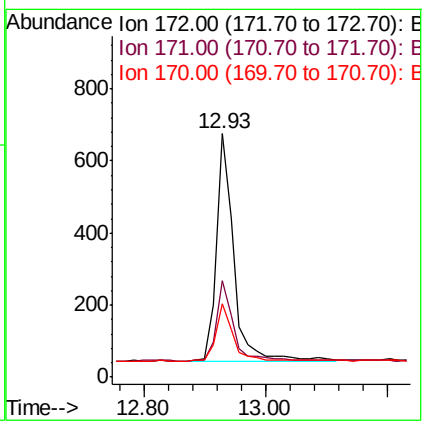


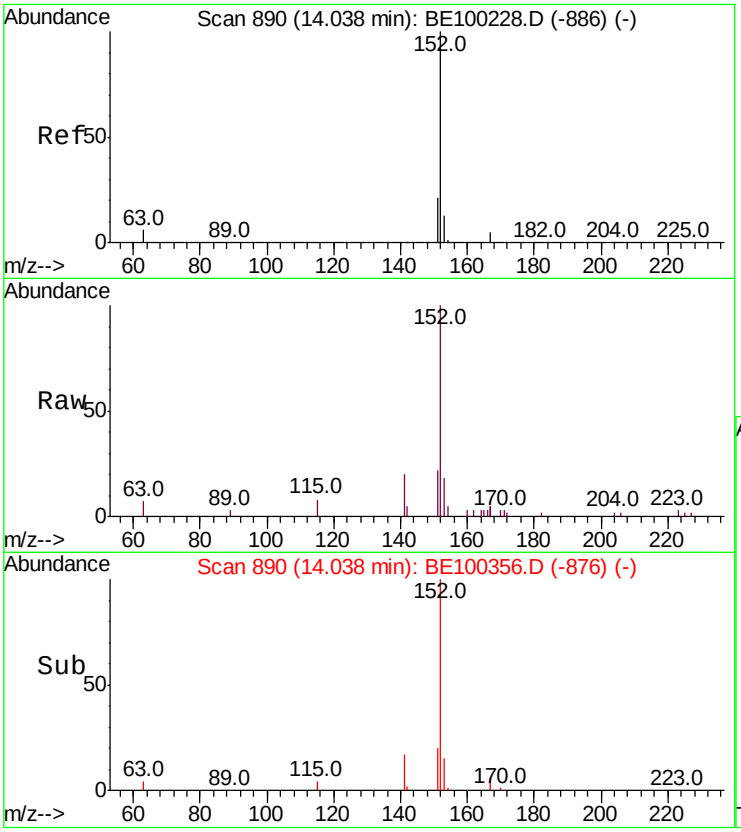


#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.02 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:172 Resp: 1242

Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.9	47.9
170	30.3	22.2	33.2



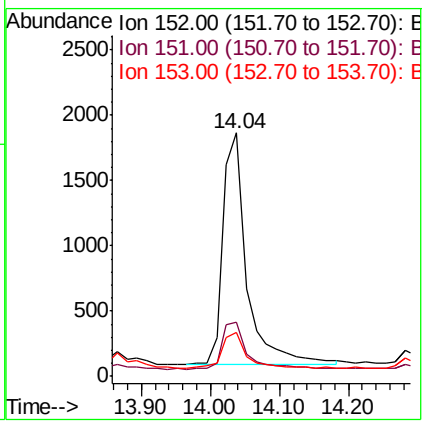


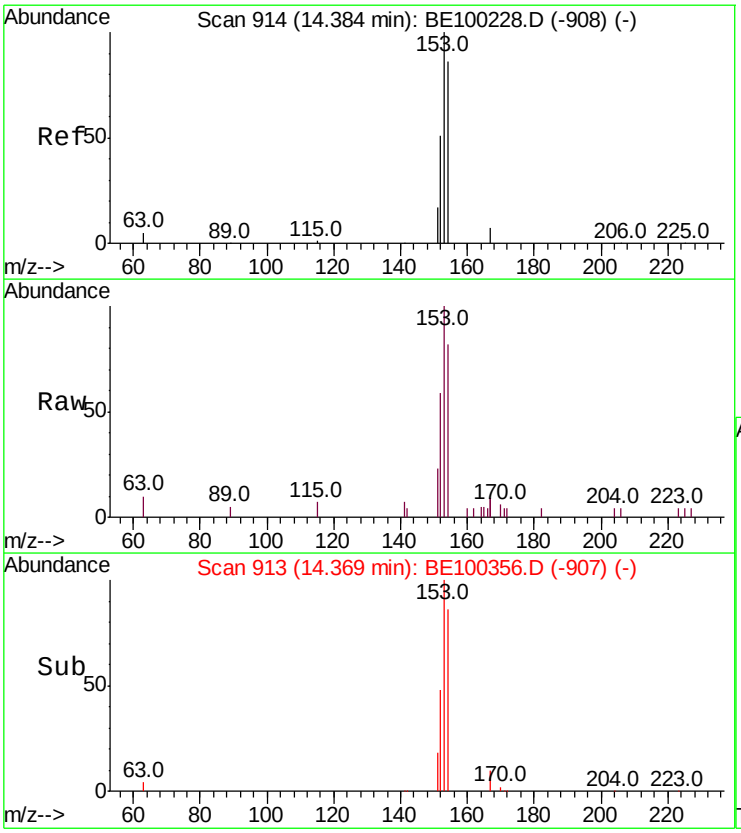
#16
Acenaphthylene
Concen: 0.537 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4274

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	25.0
153	15.6	10.5	15.7

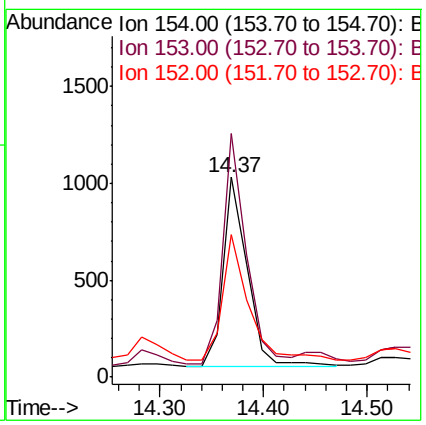


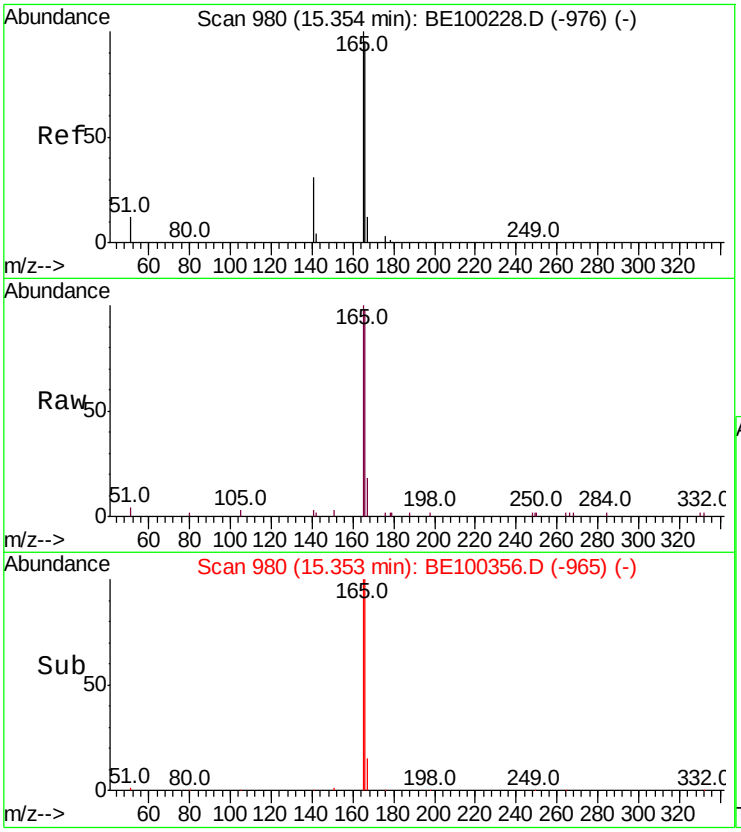


#17
Acenaphthene
Concen: 0.350 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:154 Resp: 1578

Ion	Ratio	Lower	Upper
154	100		
153	119.2	93.4	140.2
152	70.9	49.4	74.2



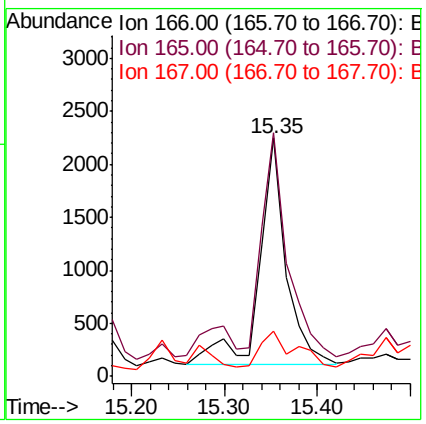


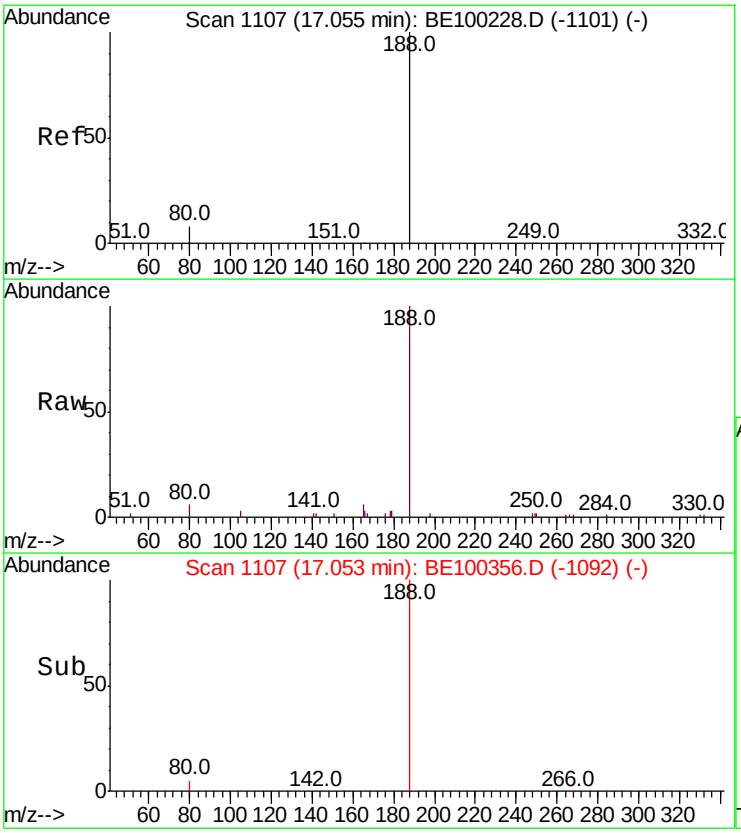
#18
Fluorene
Concen: 0.642 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 4285

Ion	Ratio	Lower	Upper
166	100		
165	96.3	81.1	121.7
167	21.1	10.7	16.1#

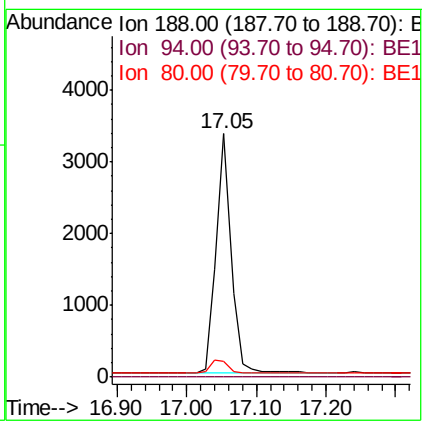


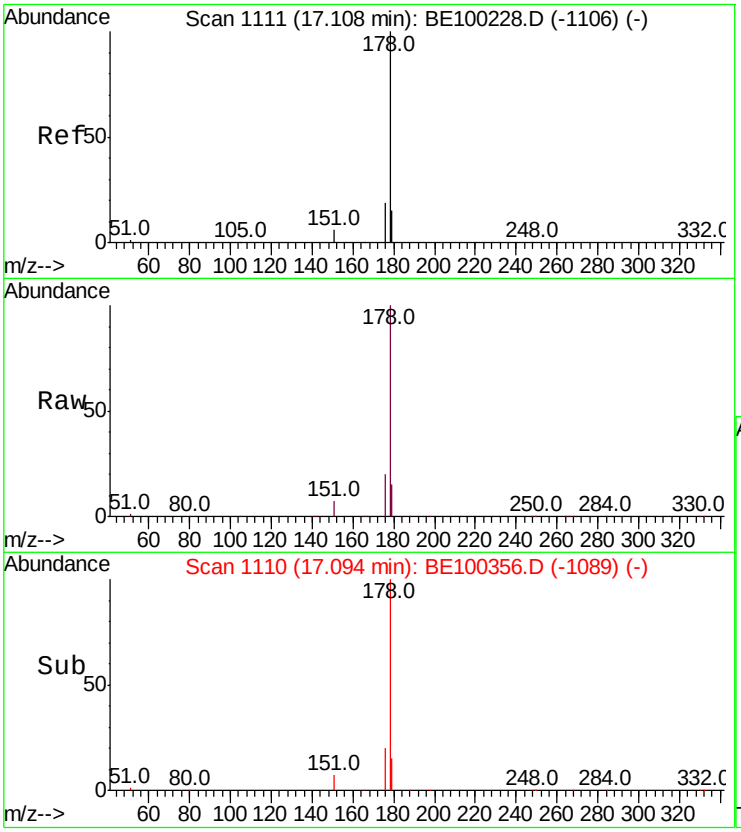


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:188 Resp: 5086

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	7.6	11.4#



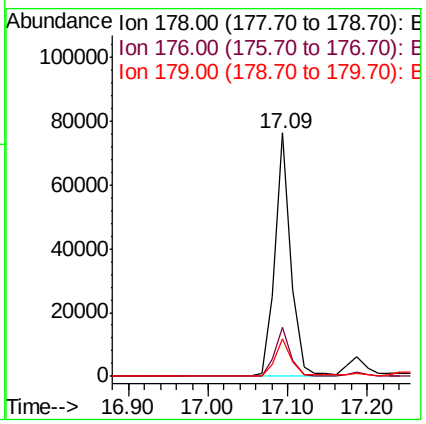


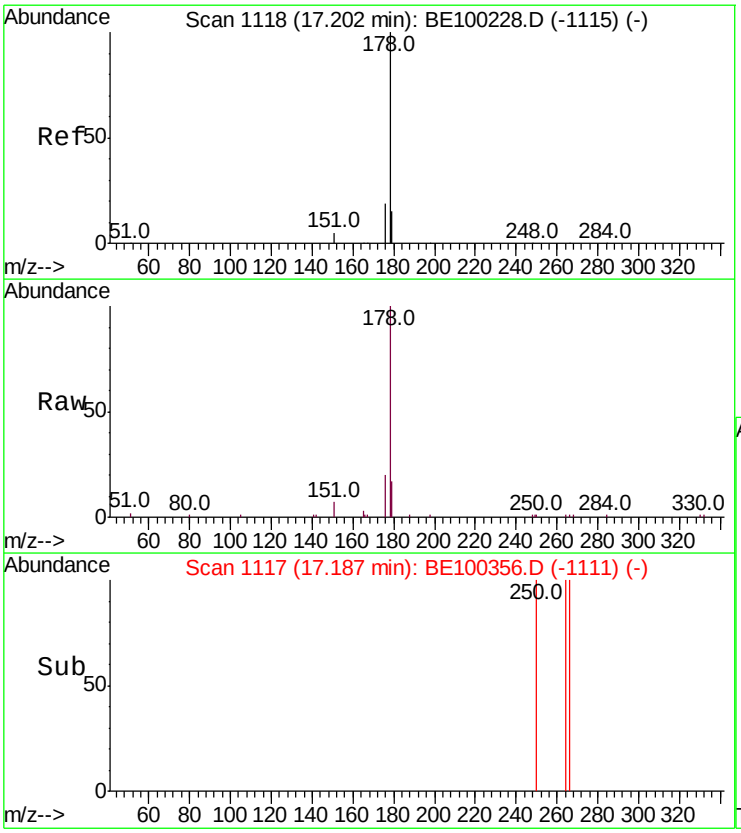
#23
Phenanthrene
Concen: 8.761 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 107993

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

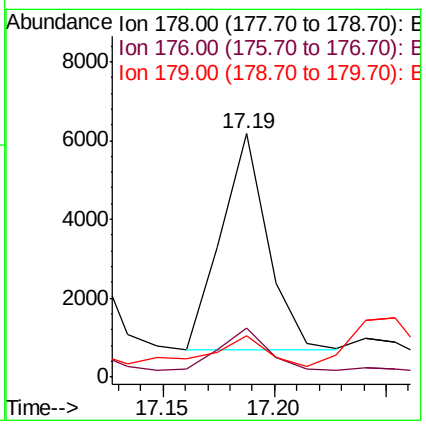


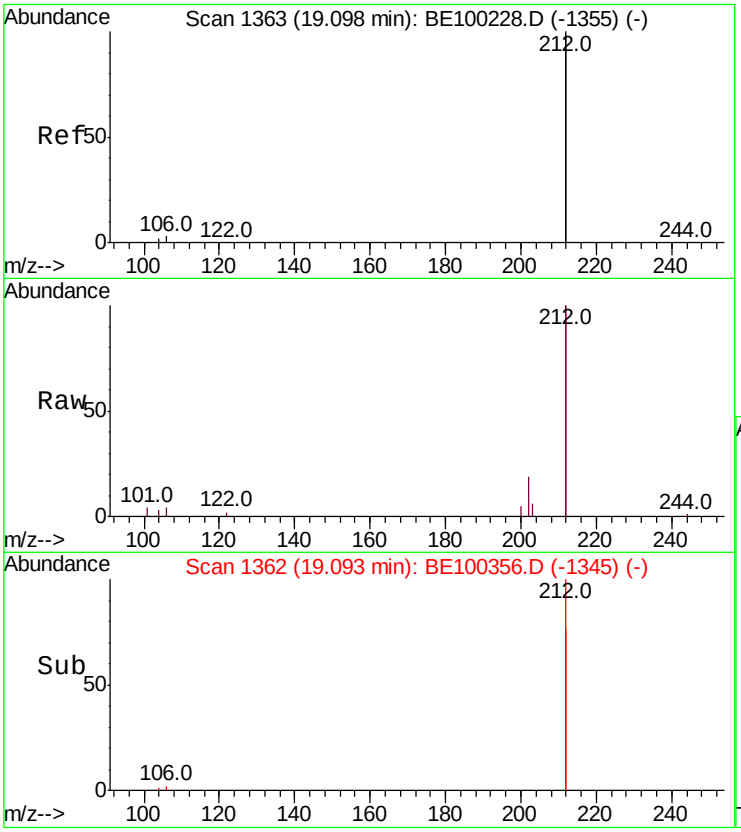


#24
Anthracene
Concen: 0.723 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:178 Resp: 8027

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	17.9	12.2	18.2



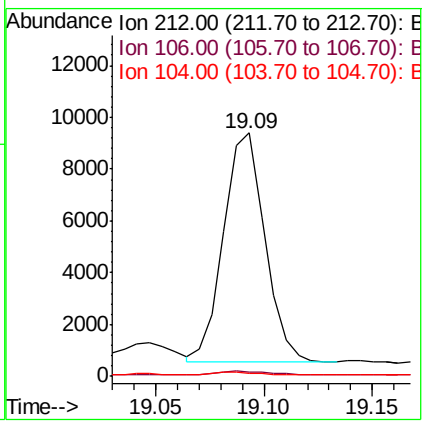


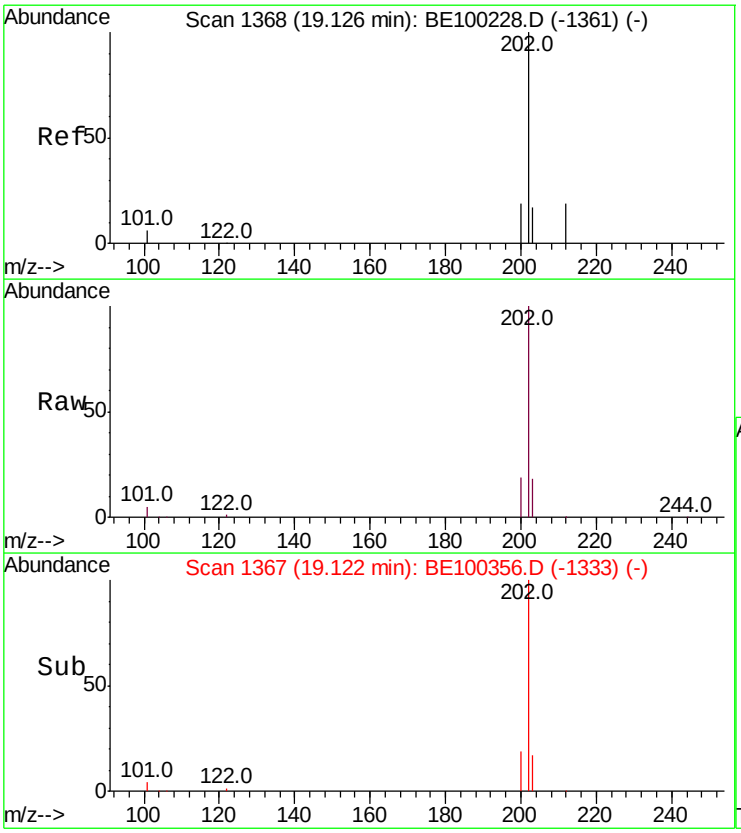
#25
Fluoranthene-d10
Concen: 0.158 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 11678

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.3	1.9
104	1.1	0.8	1.2

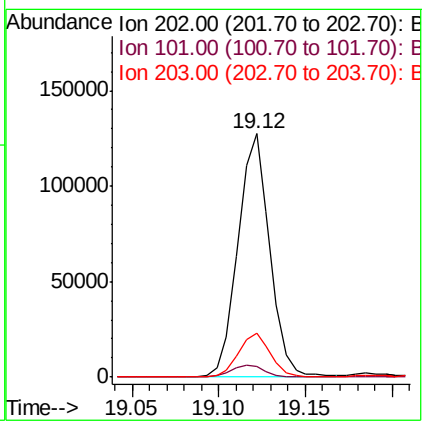


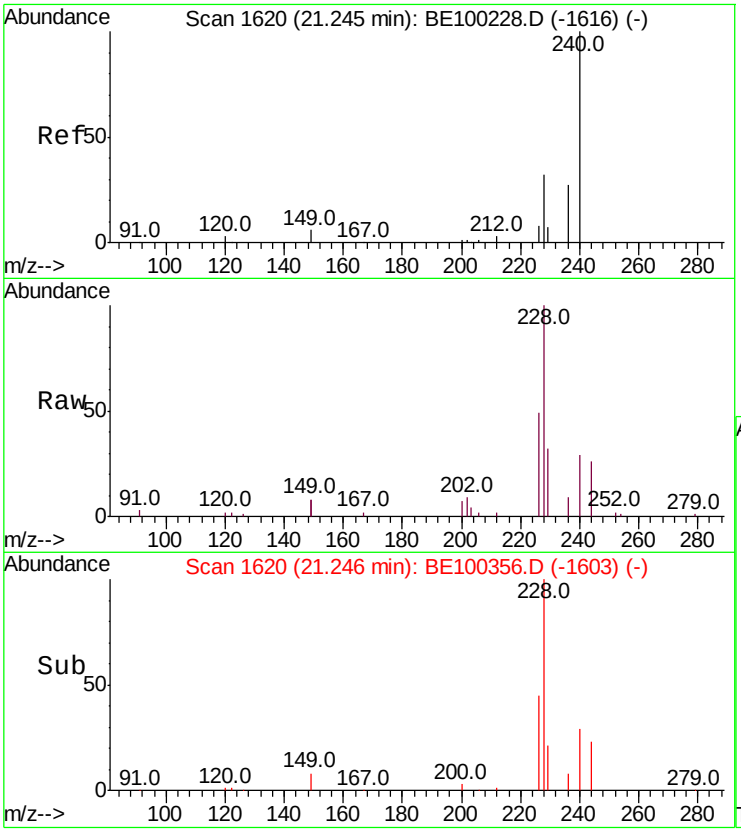


#26
Fluoranthene
Concen: 8.249 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:202 Resp: 161973

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.6	7.0
203	17.9	13.7	20.5



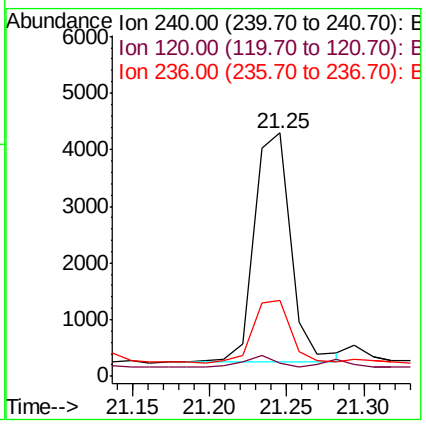


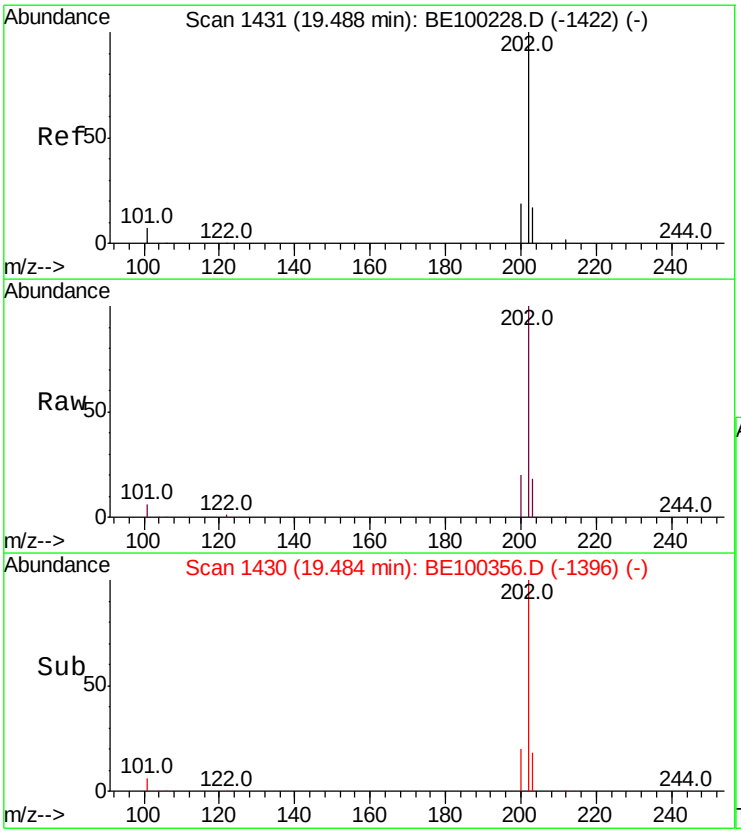
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6686

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.3	4.9#
236	31.3	22.6	34.0

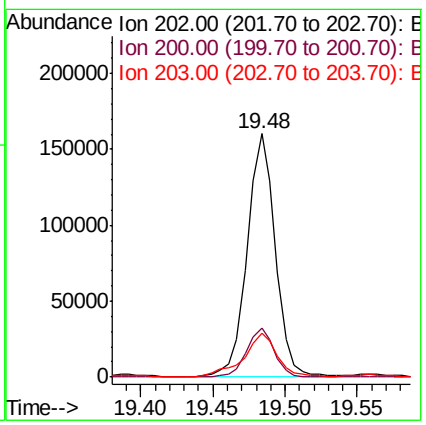


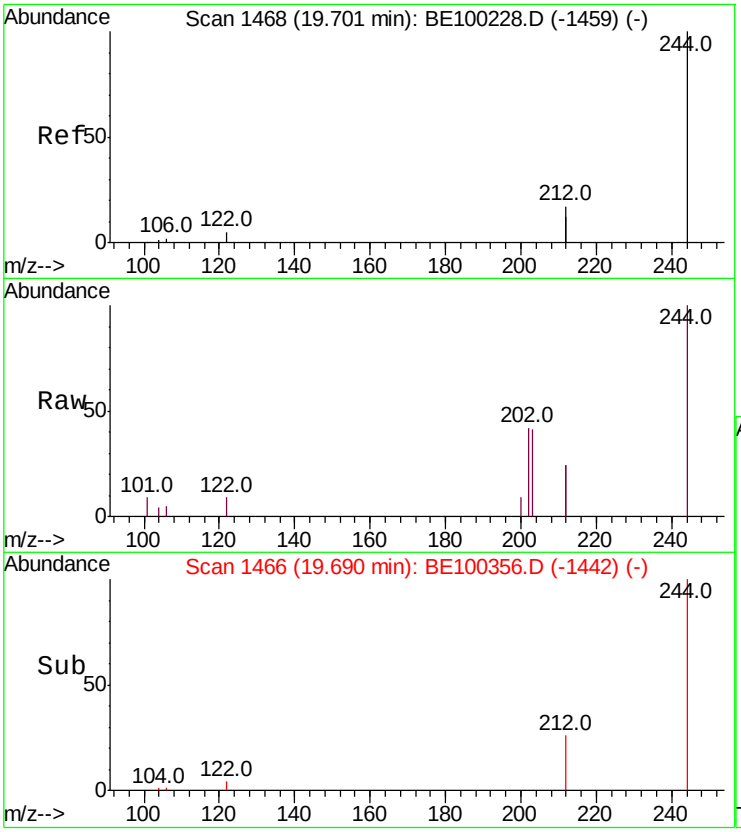


#28
Pyrene
Concen: 12.320 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:202 Resp: 218090

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	21.2	14.0	21.0#



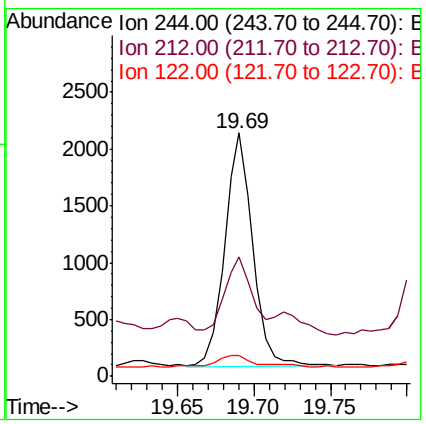


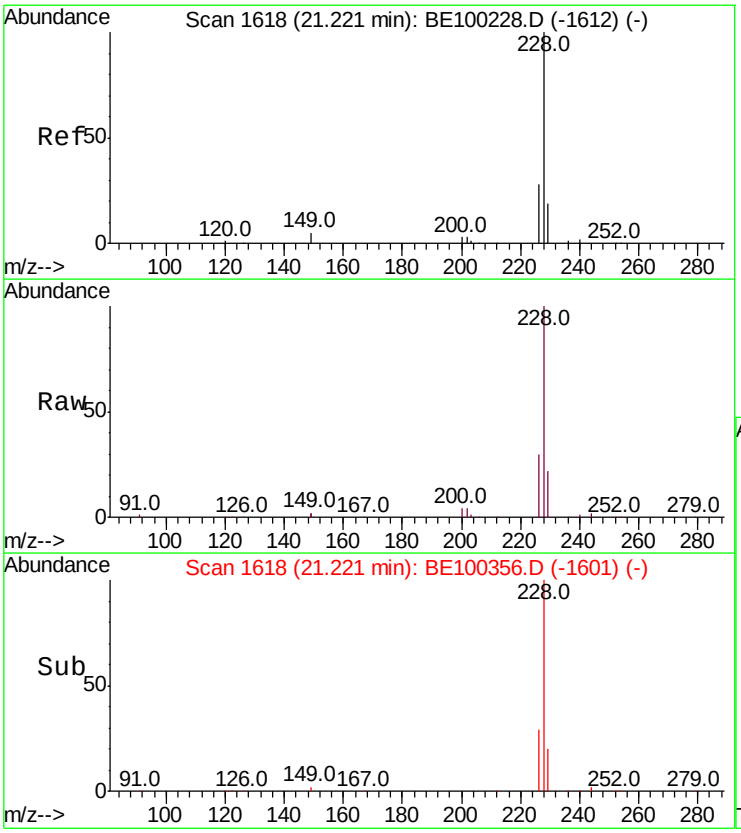
#29
Terphenyl-d14
Concen: 0.189 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2626

Ion	Ratio	Lower	Upper
244	100		
212	49.0	27.3	40.9#
122	8.8	4.7	7.1#

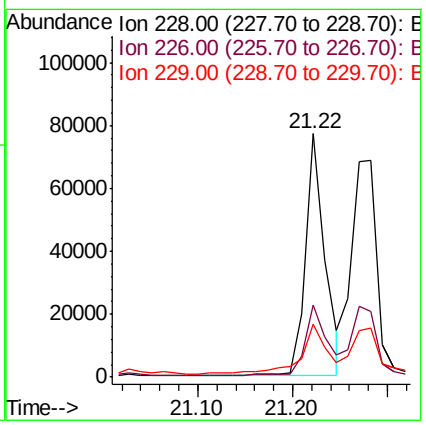


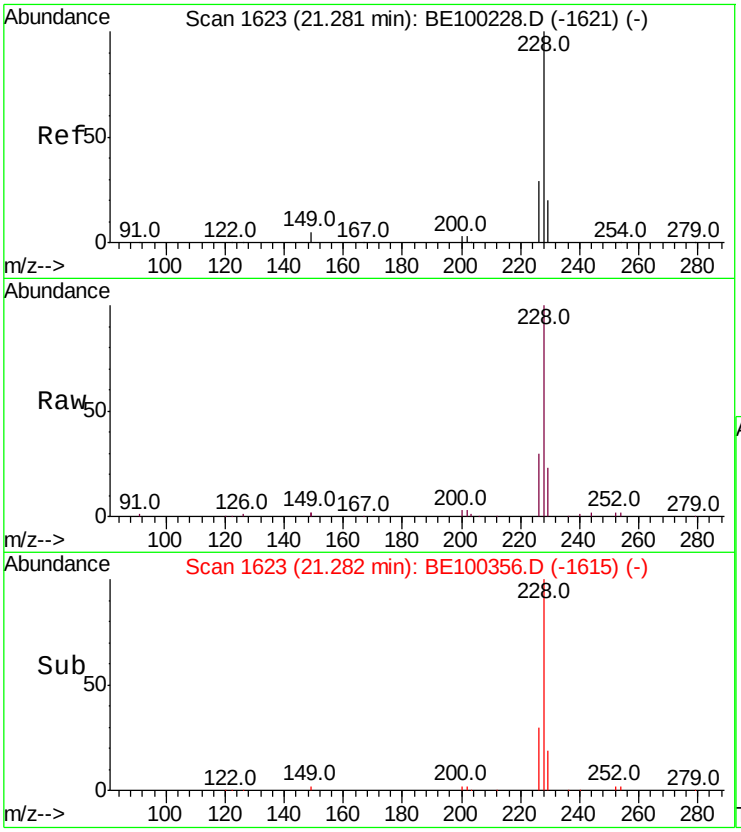


#30
Benzo(a)anthracene
Concen: 4.984 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:228 Resp: 109573

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	21.6	15.7	23.5



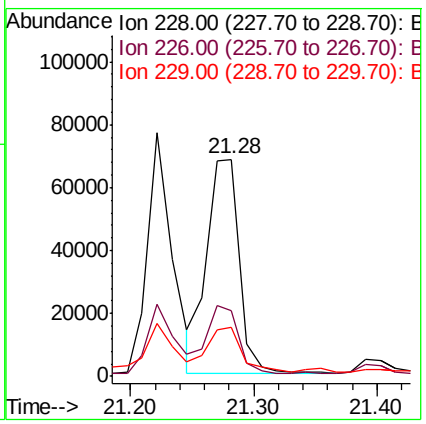


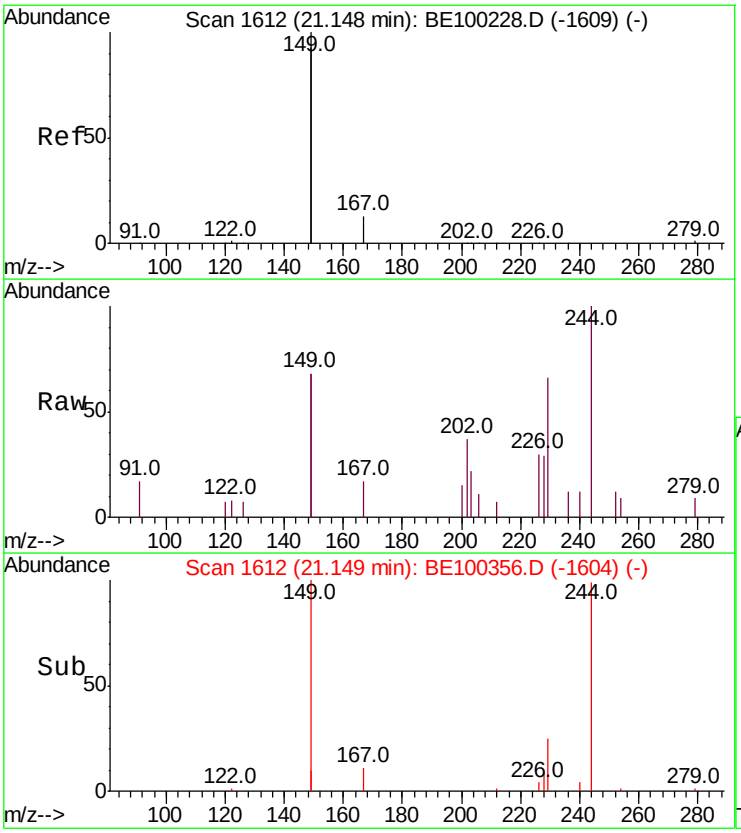
#31
Chrysene
Concen: 5.670 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 125160

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	22.9	16.5	24.7

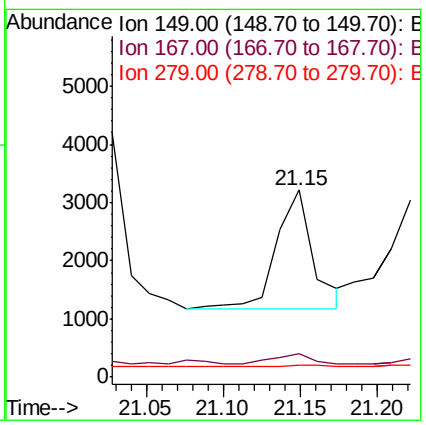


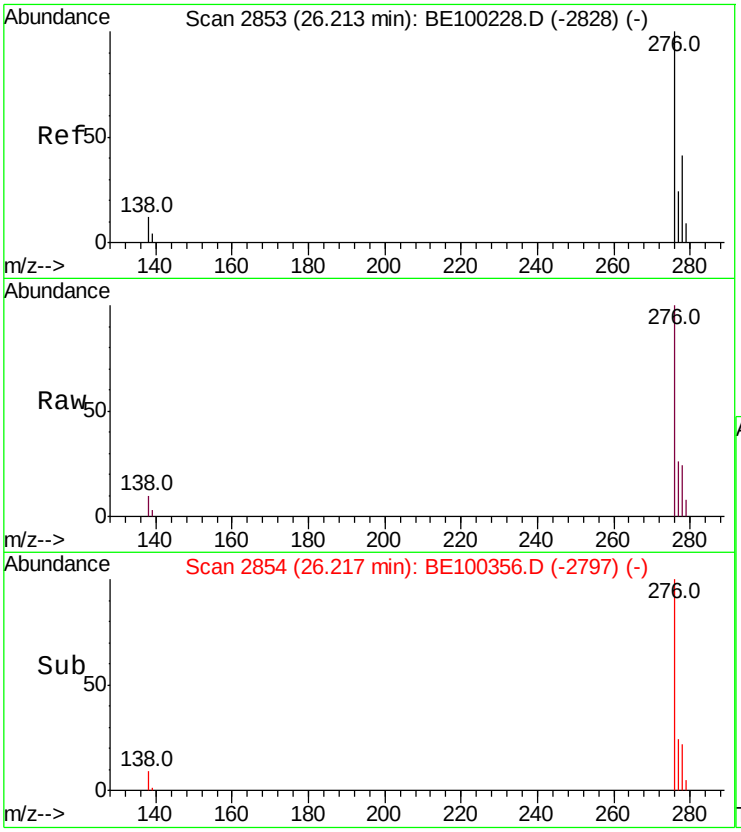


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:149 Resp: 3444

Ion	Ratio	Lower	Upper
149	100		
167	9.9	5.8	8.8#
279	1.8	1.1	1.7#



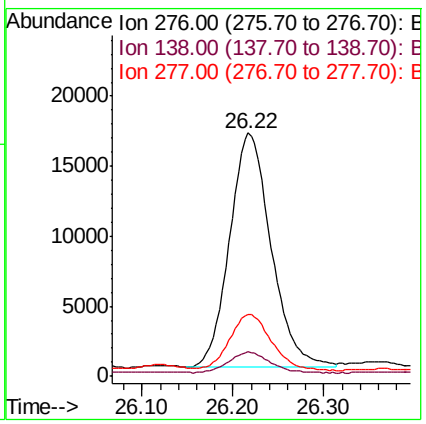


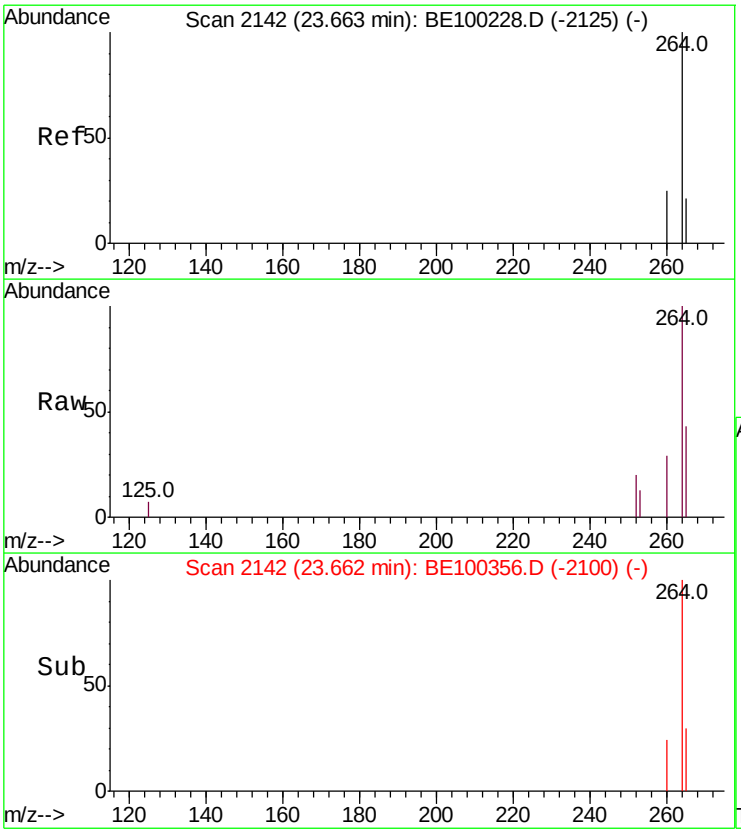
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.812 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 52919

Ion	Ratio	Lower	Upper
276	100		
138	8.9	9.4	14.0#
277	24.0	19.2	28.8

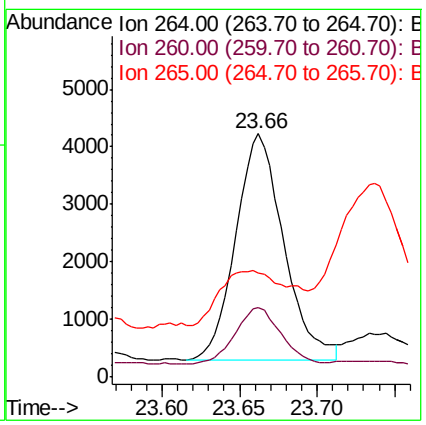


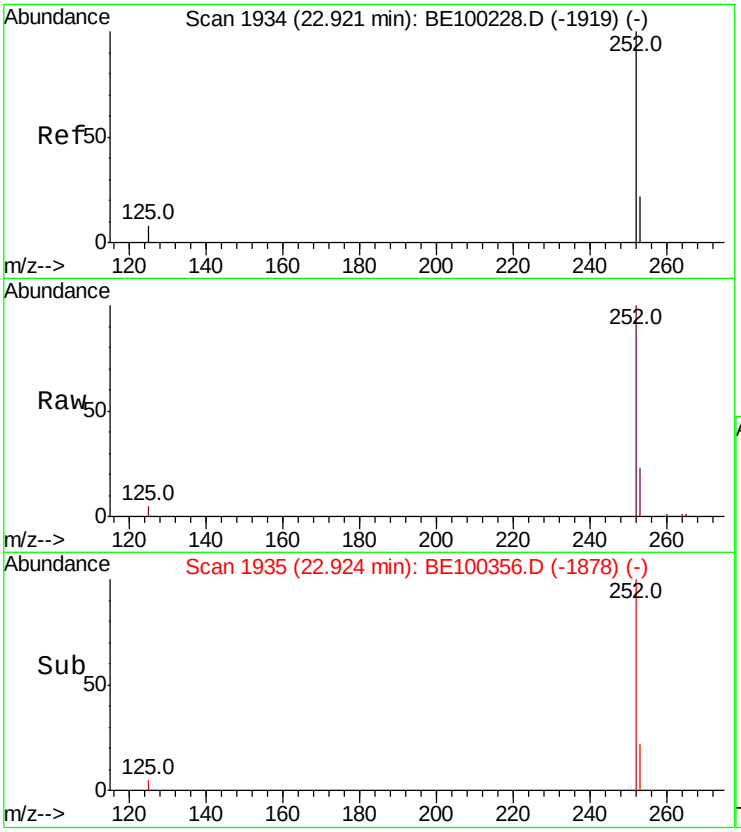


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:264 Resp: 8408

Ion	Ratio	Lower	Upper
264	100		
260	28.6	20.8	31.2
265	42.9	21.8	32.6#



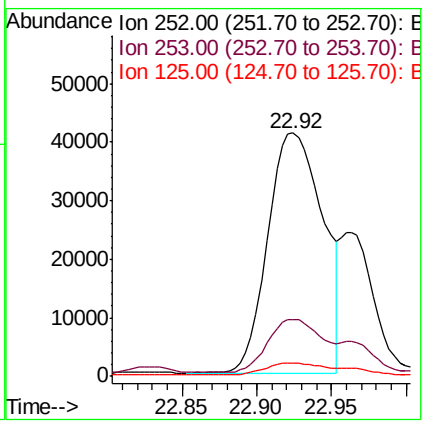


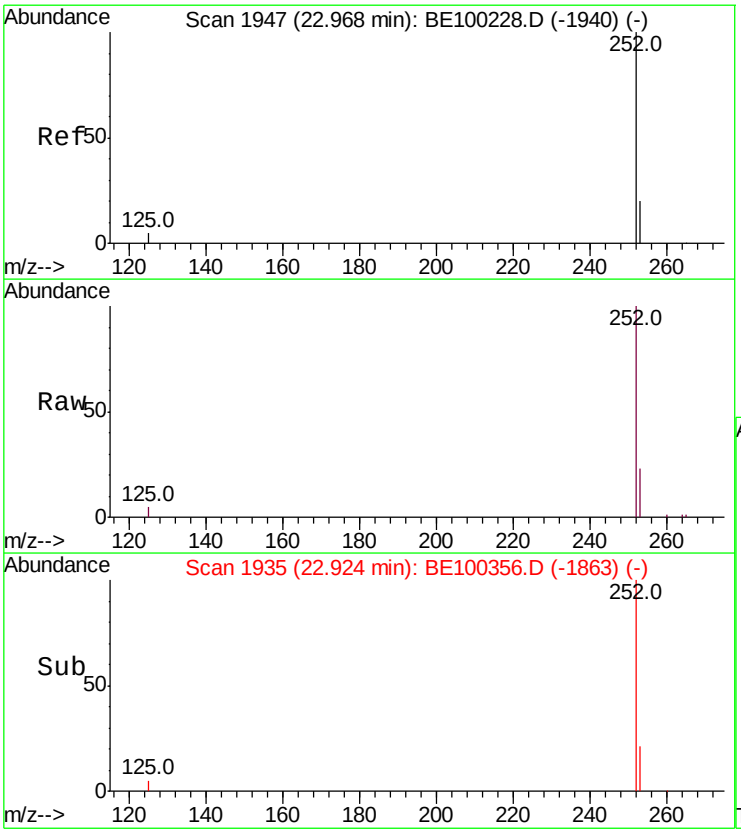
#35
Benzo(b)fluoranthene
Concen: 4.600 ng
RT: 22.92 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 104851

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	5.4	7.4	11.0#

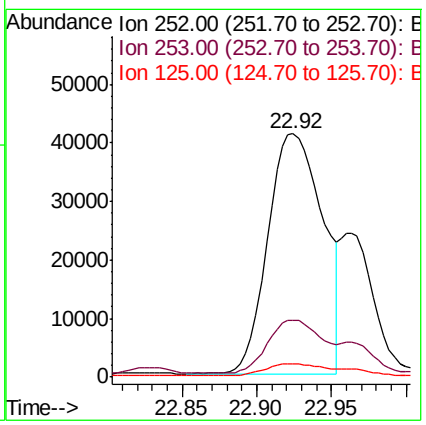


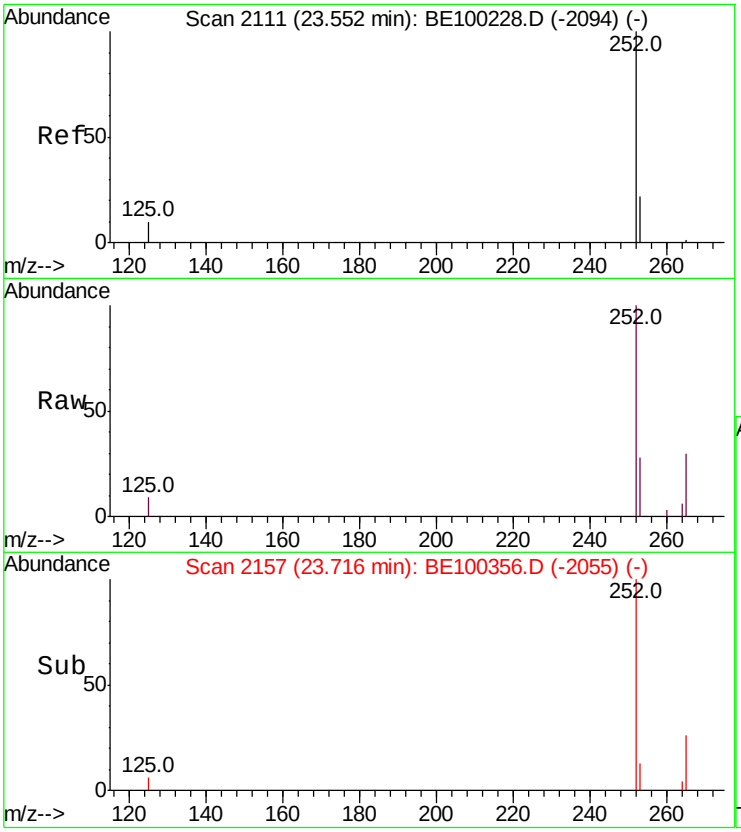


#36
Benzo(k)fluoranthene
Concen: 4.121 ng
RT: 22.92 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:252 Resp: 104851

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	5.4	5.0	7.4



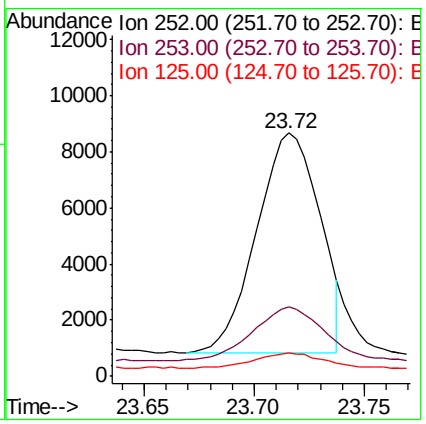


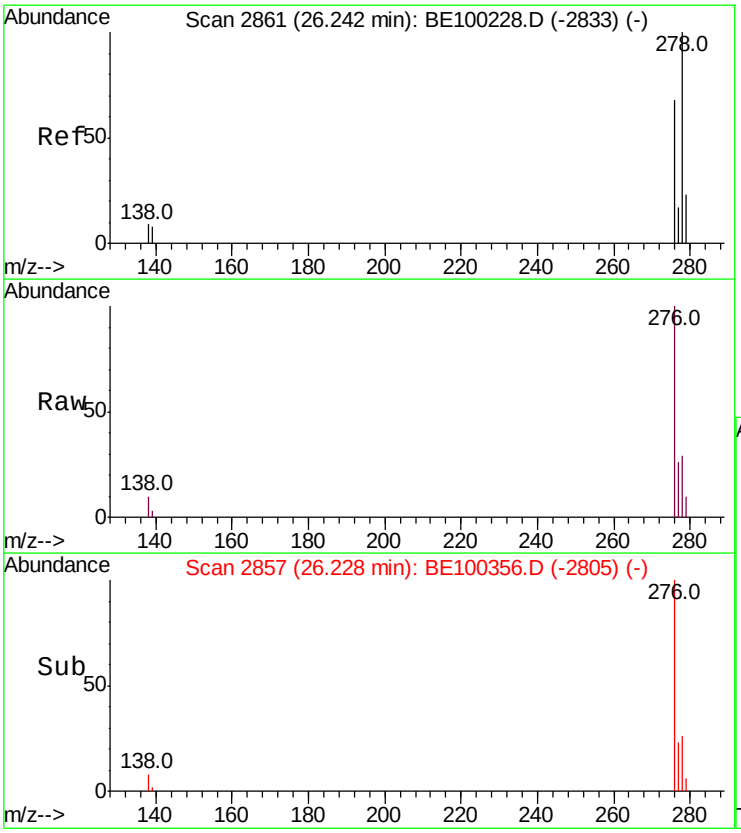
#37
Benzo(a)pyrene
Concen: 0.680 ng
RT: 23.72 min Scan# 2157
Delta R.T. 0.16 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15533

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.6	29.4
125	9.4	9.0	13.6

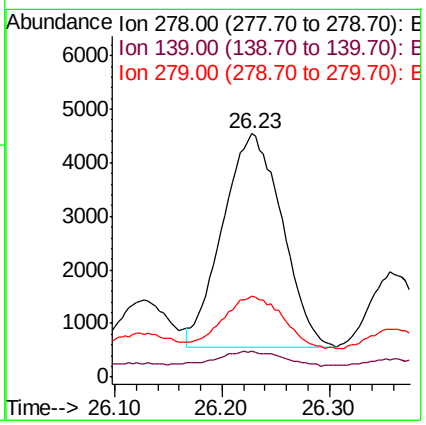


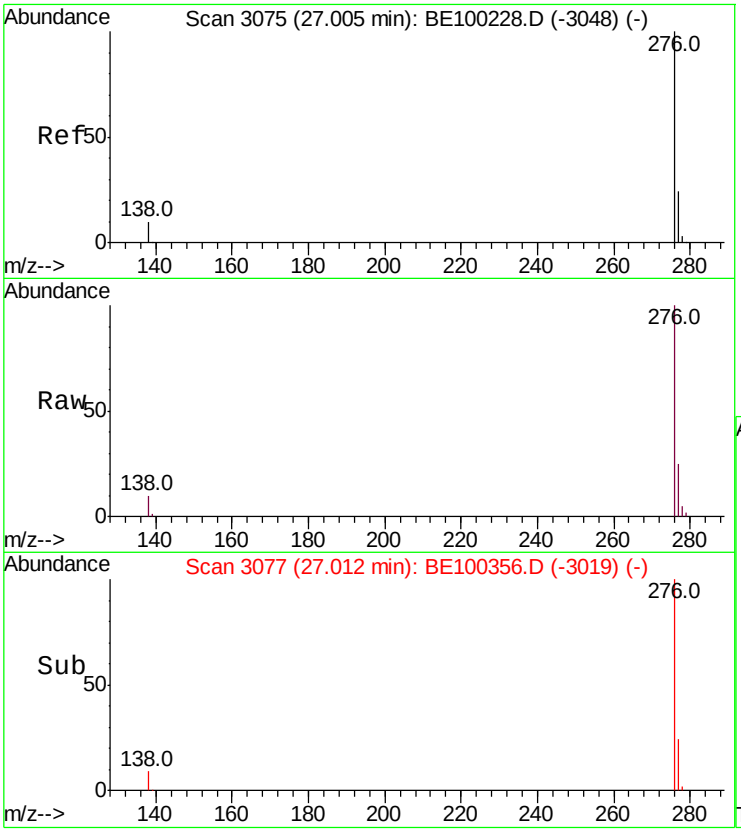


#38
Dibenzo(a,h)anthracene
Concen: 0.641 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:278 Resp: 15304

Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.2	12.2
279	33.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 2.565 ng
RT: 27.01 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 62886

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.2	30.2
138	10.1	9.0	13.6