Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110819\
Data File : BE100716.D
Acq On : 8 Nov 2019 13:52
Operator : JU
Sample : K5725-01DL2 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SO-1DL2

Manual Integrations APPROVED
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11/11/2019 8:09:52 AM

Quant Time: Nov 08 14:42:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	2237	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	10582	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	7135	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	15551	0.40	ng		0.00
27) Chrysene-d12	21.37	240	17159	0.40	ng		0.01
34) Perylene-d12	23.85	264	19332	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	55	0.01	ng		0.01
5) Phenol-d6	7.03	99	83	0.01	ng		0.02
8) Nitrobenzene-d5	9.00	82	52	0.01	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	114	0.01	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	9	0.00	ng		0.01
15) 2-Fluorobiphenyl	13.10	172	152	0.01	ng		0.00
25) Fluoranthene-d10	19.22	212	1170	0.01	ng		0.00
29) Terphenyl-d14	19.82	244	418	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	16484	0.148	ng		99
12) 2-Methylnaphthalene	12.30	142	1347	0.071	ng	#	85
16) Acenaphthylene	14.20	152	3296	0.107	ng		95
17) Acenaphthene	14.54	154	2834	0.143	ng		99
18) Fluorene	15.51	166	2803	0.106	ng	#	92
23) Phenanthrene	17.24	178	57763	1.350	ng		99
24) Anthracene	17.34	178	18509	0.466	ng		98
26) Fluoranthene	19.25	202	131377	2.353	ng		99
28) Pyrene	19.62	202	136756	2.853	ng	#	95
30) Benzo(a)anthracene	21.35	228	93576	1.672	ng		96
31) Chrysene	21.40	228	93820m	1.677	ng		
32) Bis(2-ethylhexyl)phthalate	21.28	149	3915	0.033	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.47	276	68463	0.996	ng		97
35) Benzo(b)fluoranthene	23.09	252	143954	2.554	ng		99
36) Benzo(k)fluoranthene	23.13	252	41424m	0.715	ng		
37) Benzo(a)pyrene	23.73	252	96667	1.842	ng		98
38) Dibenzo(a,h)anthracene	26.49	278	16818	0.310	ng	#	85
39) Benzo(g,h,i)perylene	27.28	276	67574	1.239	ng		99

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

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BNA_E
ClientSampleId :
SO-1DL2

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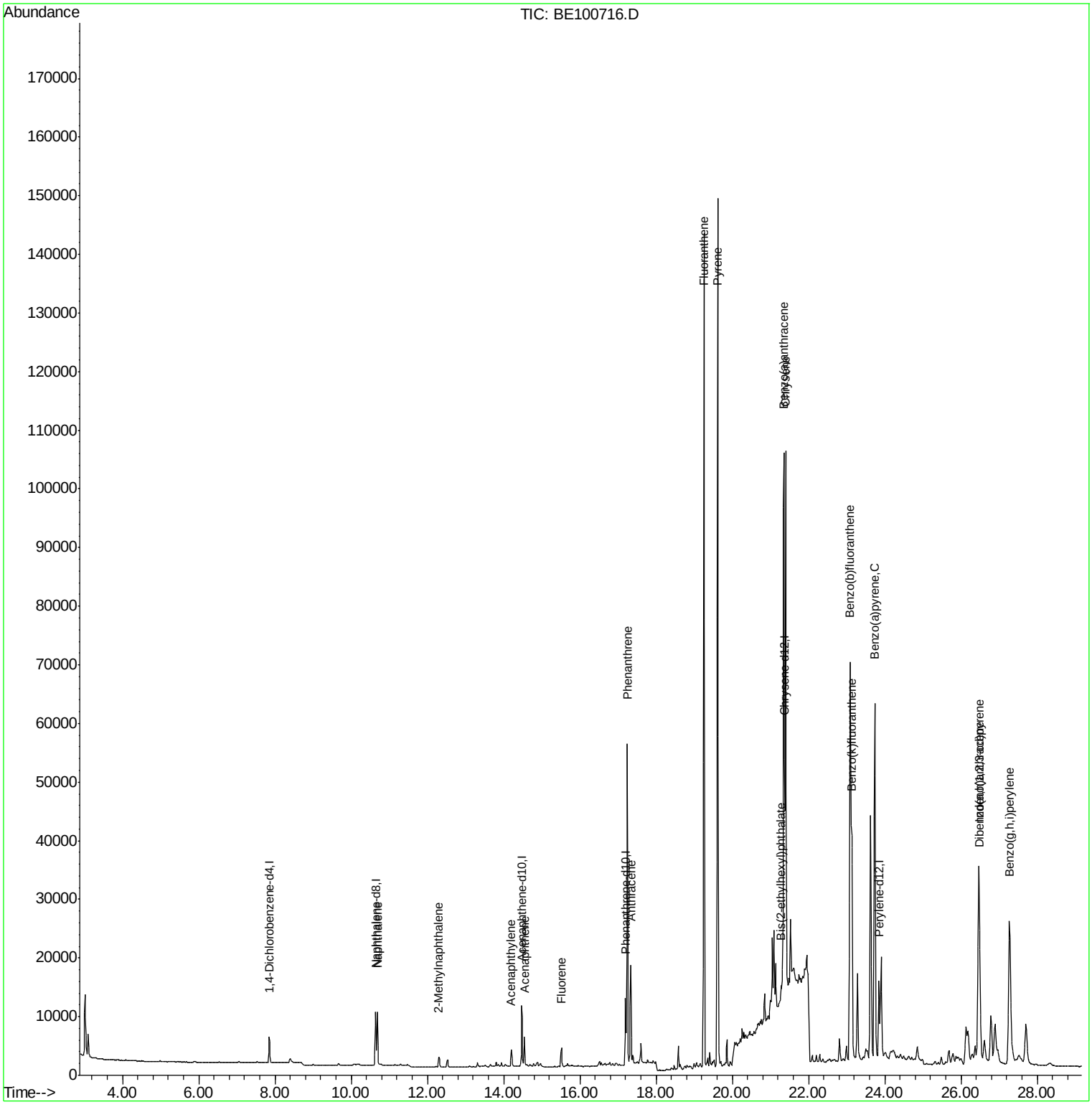
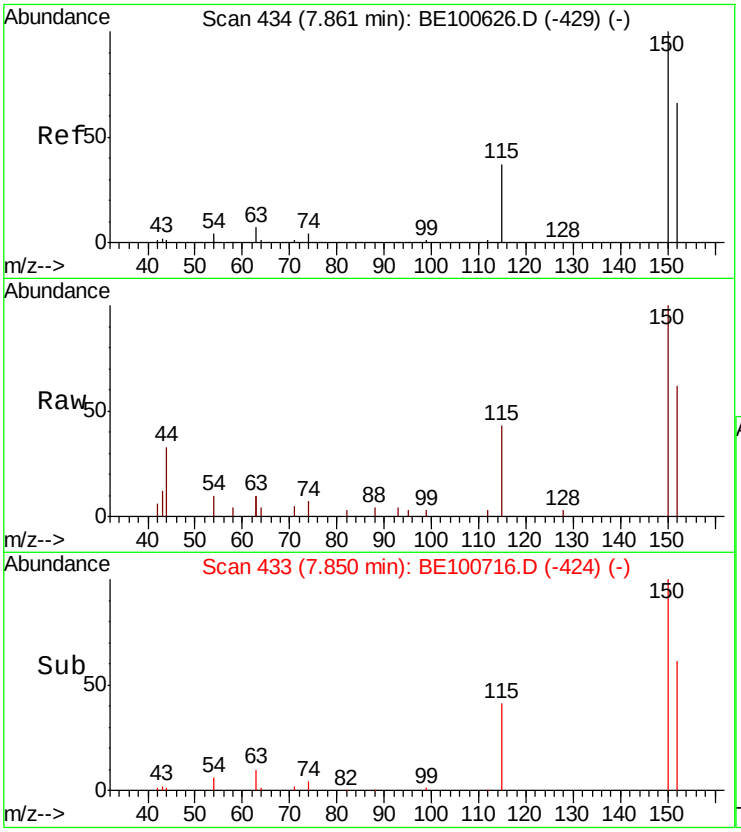
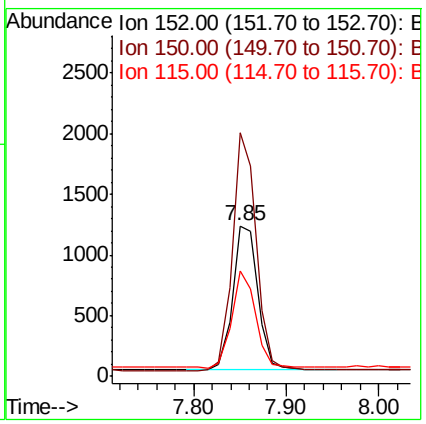




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:152 Resp: 2237

Ion	Ratio	Lower	Upper
152	100		
150	161.9	123.3	184.9
115	70.4	51.9	77.9



Instrument :
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ClientSampleId :
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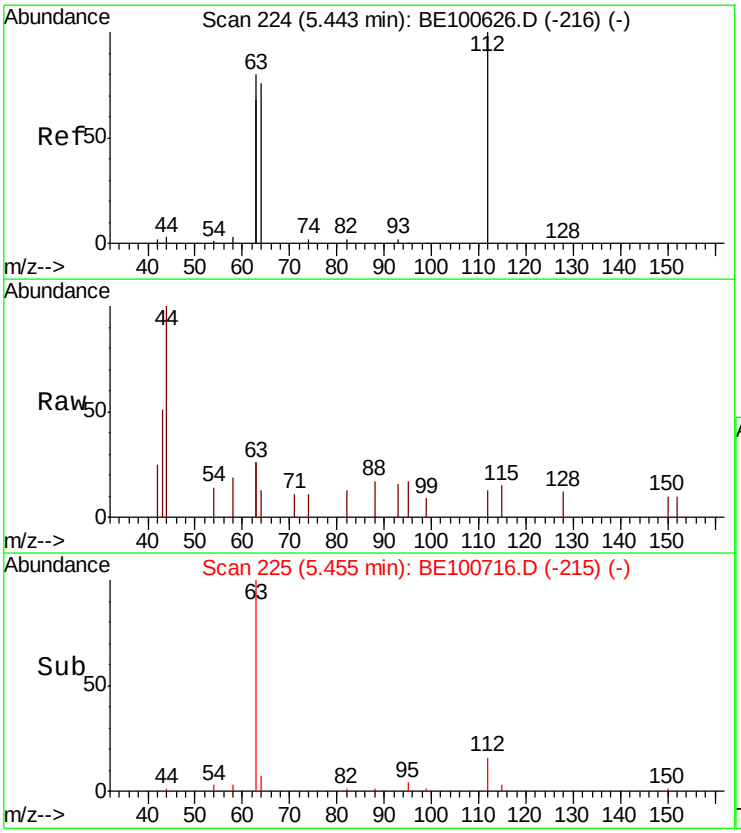
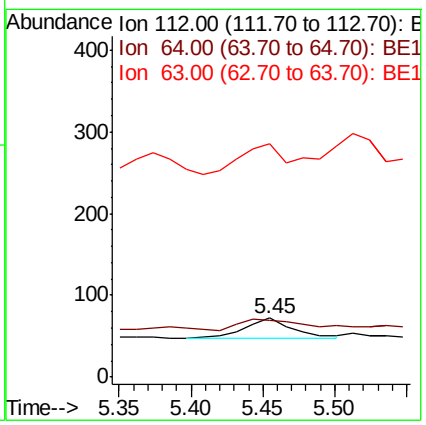
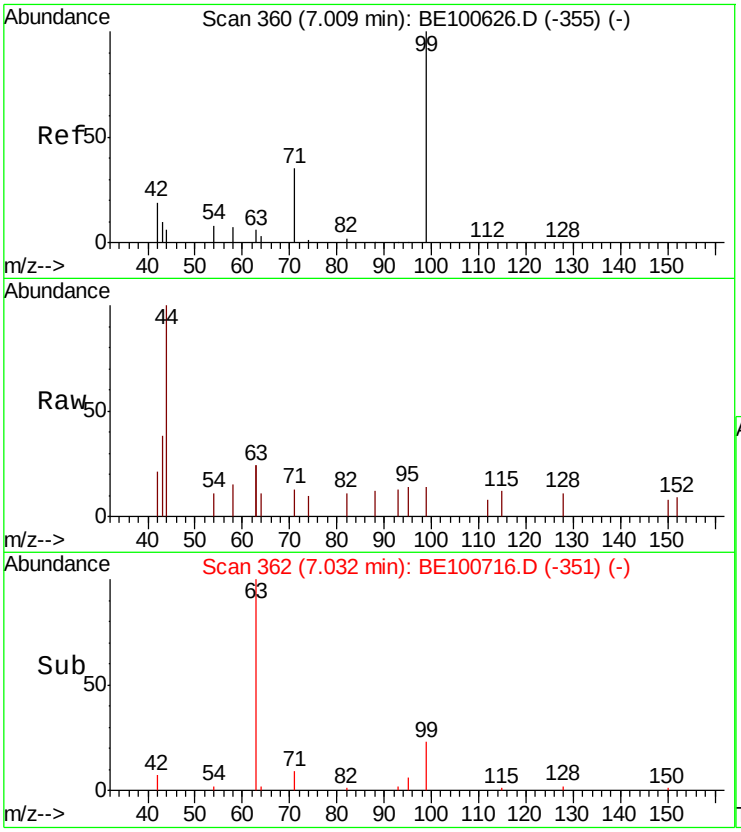


#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:112 Resp: 55

Ion	Ratio	Lower	Upper
112	100		
64	72.7	55.4	83.2
63	181.8	114.2	171.4#

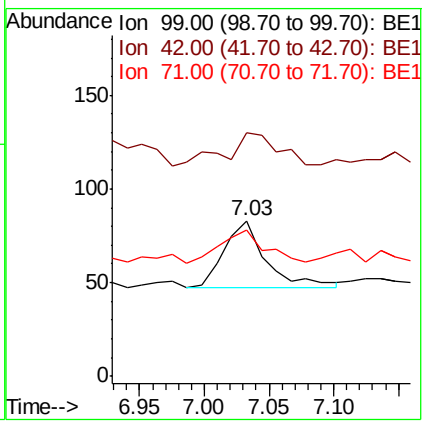




#5
Phenol-d6
Concen: 0.009 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.02 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion: 99 Resp: 83

Ion	Ratio	Lower	Upper
99	100		
42	62.7	17.7	26.5#
71	53.0	27.4	41.0#



Instrument :
BNA_E
ClientSampleId :
SO-1DL2

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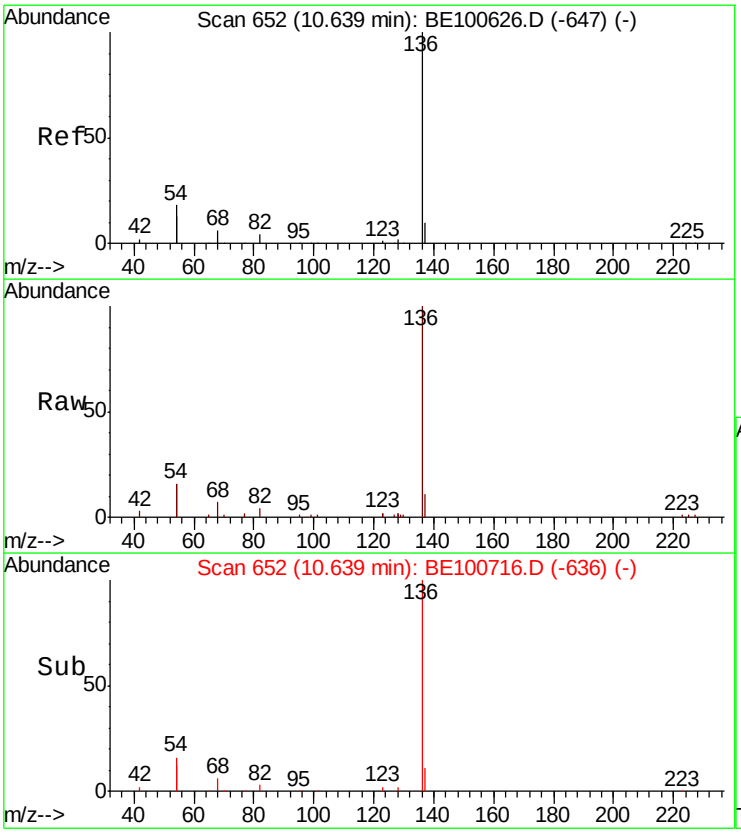
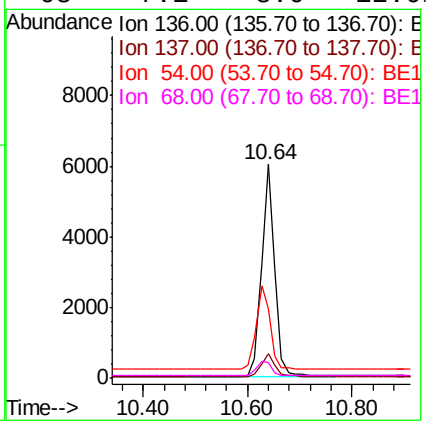
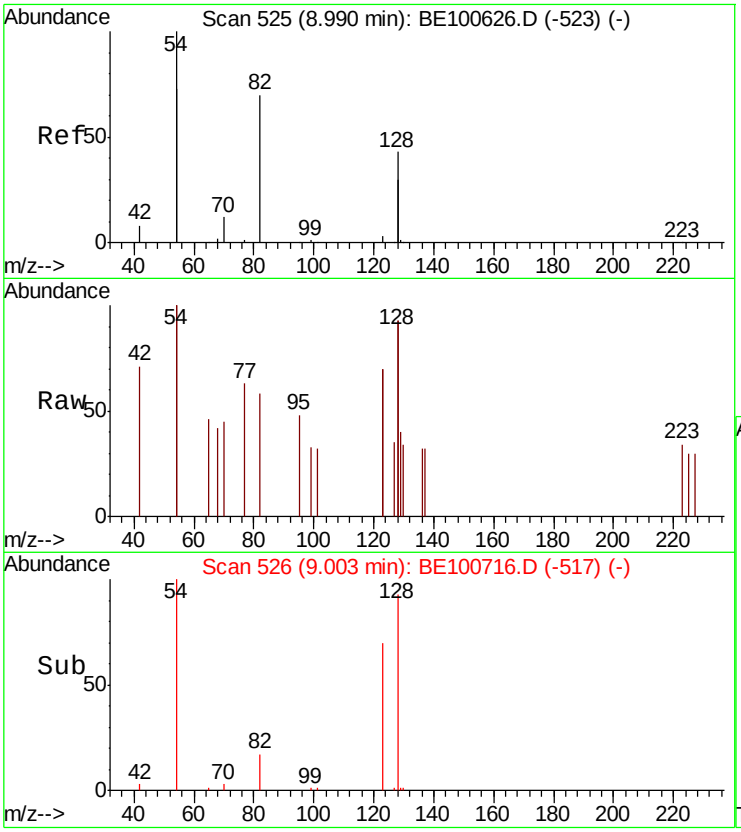


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:136 Resp: 10582

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	32.5	39.4	59.2#
68	7.1	8.0	12.0#





#8
Nitrobenzene-d5
Concen: 0.008 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion: 82 Resp: 52

Ion	Ratio	Lower	Upper
82	100		
128	324.1	107.8	161.8#
54	347.1	166.1	249.1#

Instrument :
BNA_E
ClientSampleId :
SO-1DL2

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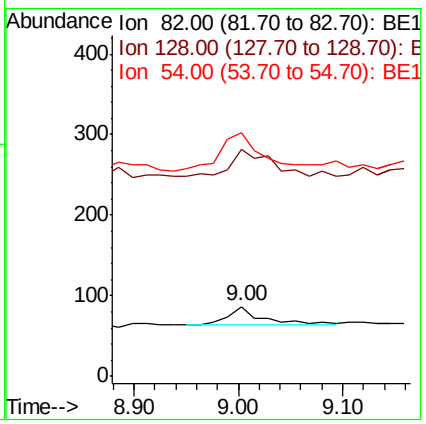
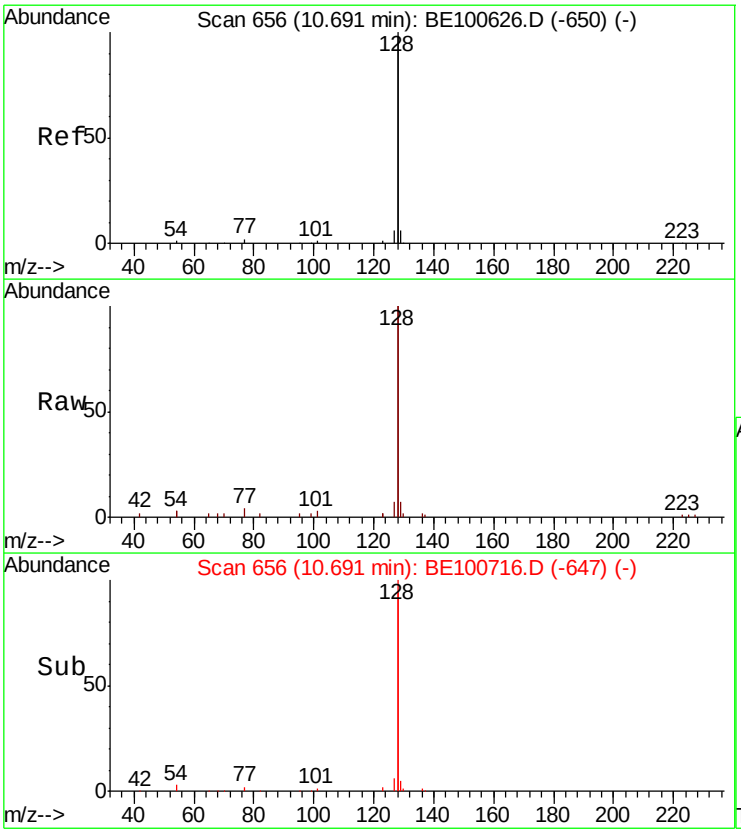
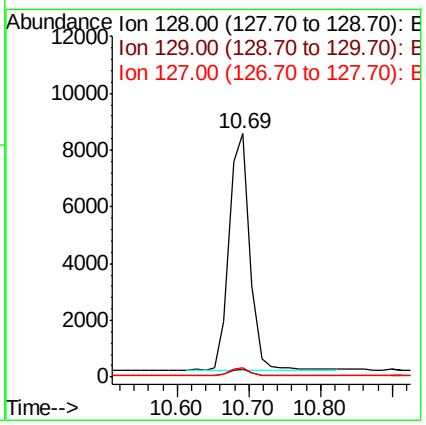


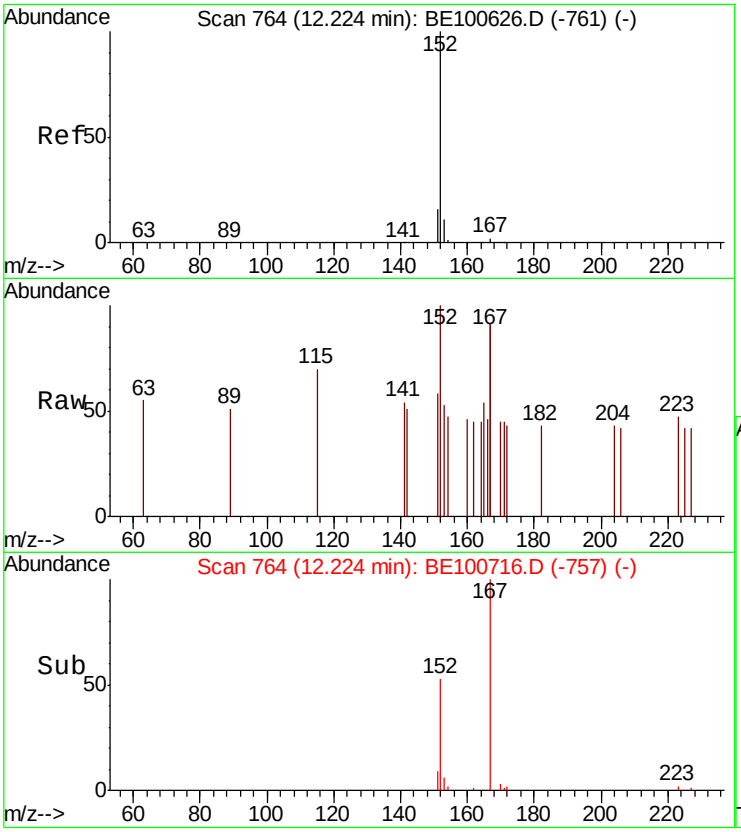


#9
Naphthalene
Concen: 0.148 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:128 Resp: 16484

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.3	3.5
127	3.6	2.7	4.1





#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:152 Resp: 114

Ion	Ratio	Lower	Upper
152	100		
151	26.3	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
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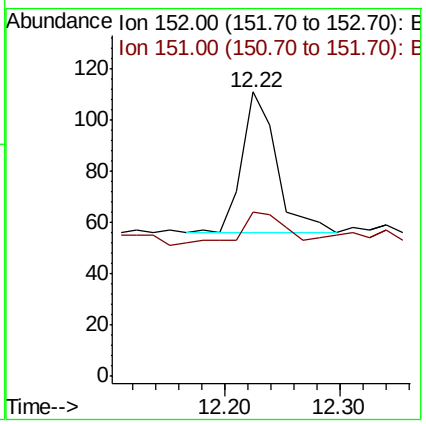
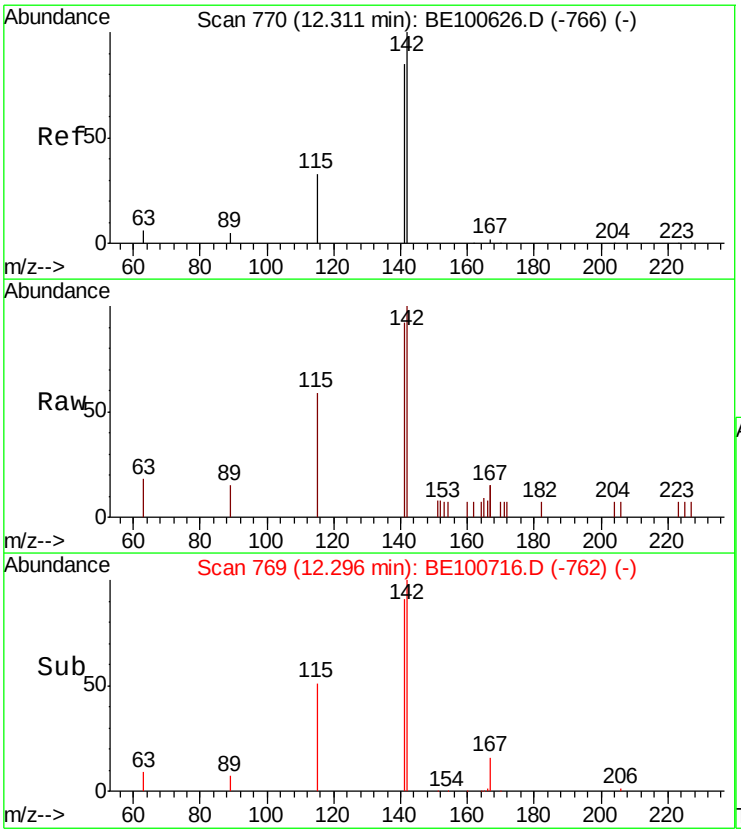
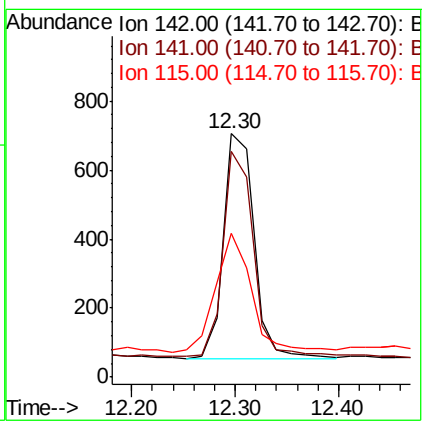


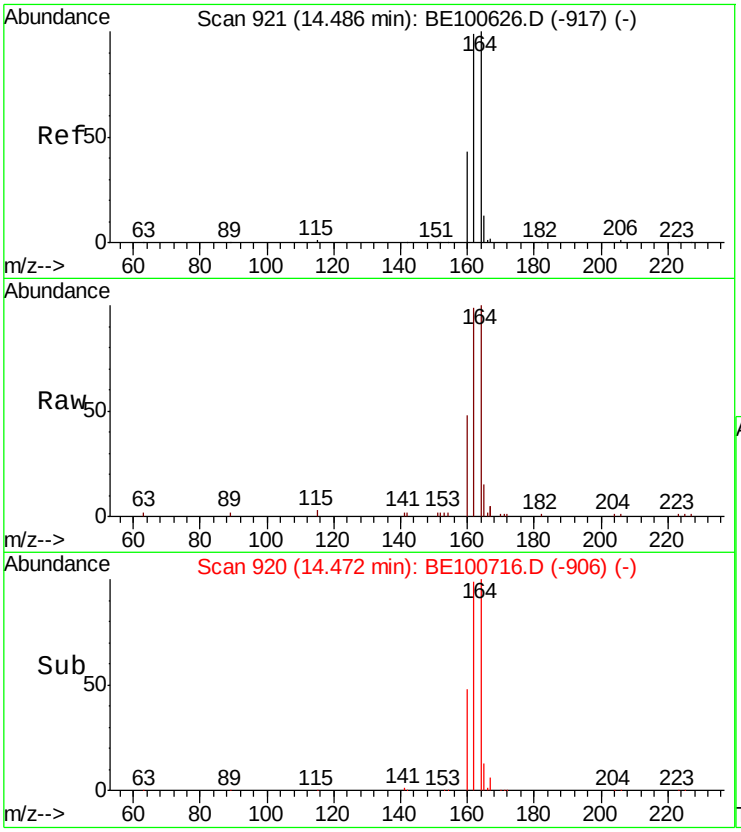


#12
2-Methylnaphthalene
Concen: 0.071 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:142 Resp: 1347

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.1	105.1
115	58.8	28.3	42.5#

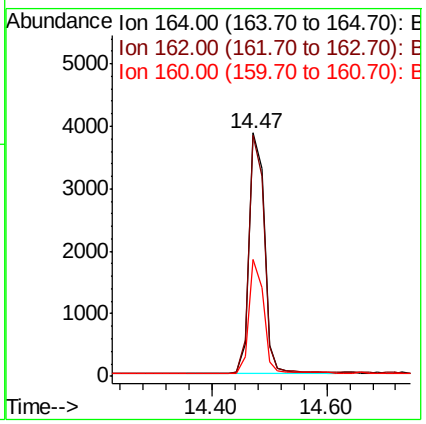




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:164 Resp: 7135

Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.0	123.0
160	48.3	37.5	56.3



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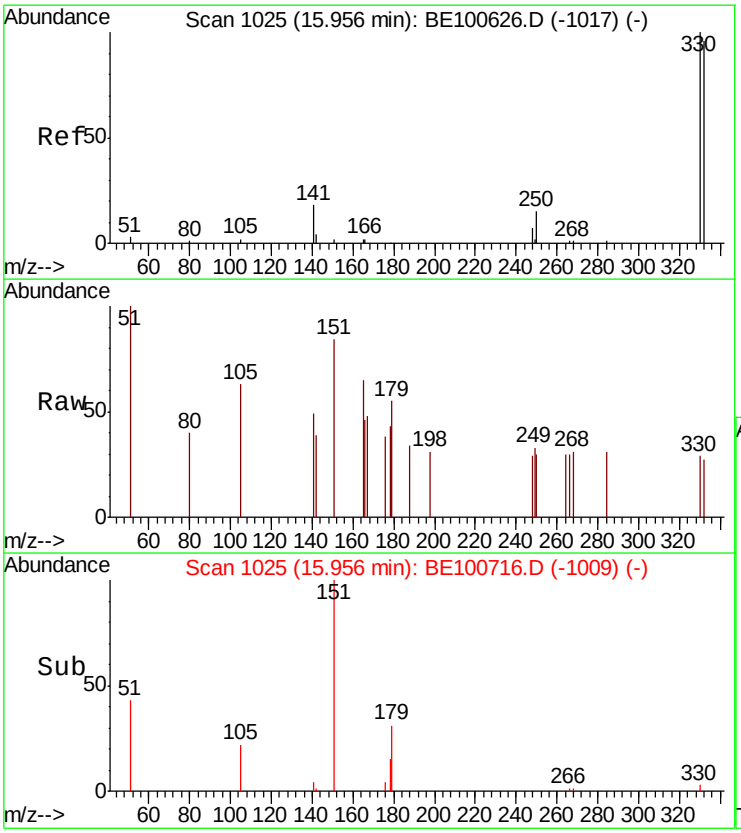
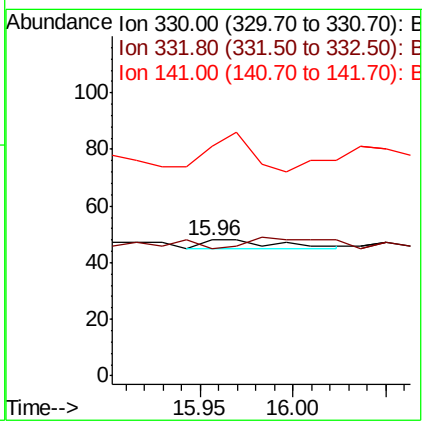
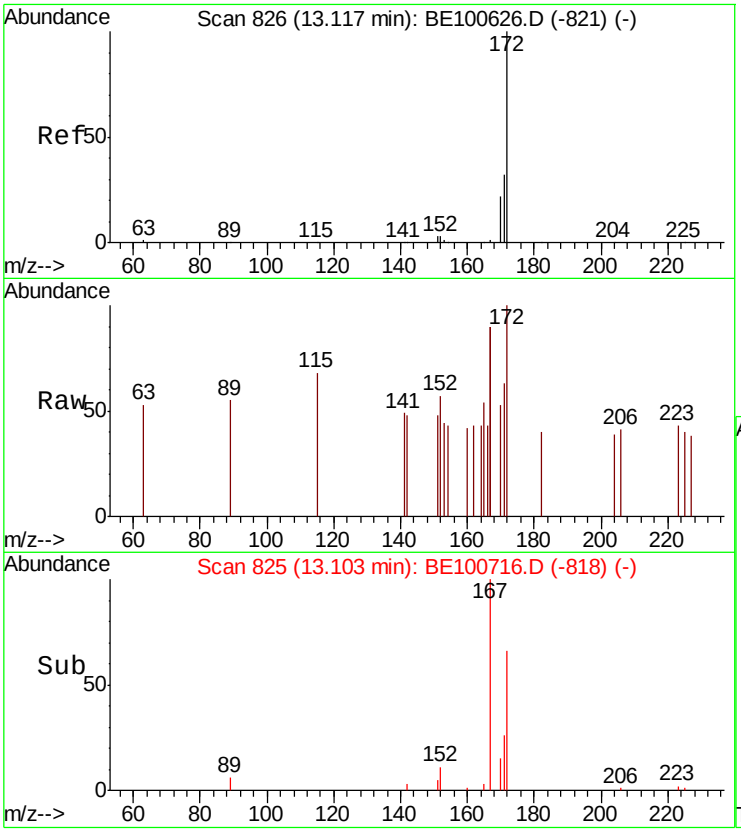


#14
2,4,6-Tribromophenol
Concen: 0.005 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:330 Resp: 9

Ion	Ratio	Lower	Upper
330	100		
332	66.7	77.9	116.9#
141	0.0	33.0	49.6#

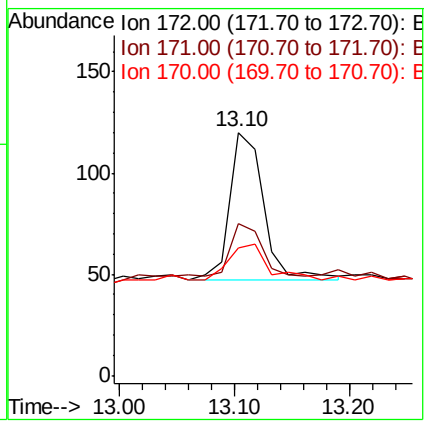




#15
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:172 Resp: 152

Ion	Ratio	Lower	Upper
172	100		
171	62.5	26.5	39.7#
170	52.5	19.0	28.4#



Instrument :
BNA_E
ClientSampleId :
SO-1DL2

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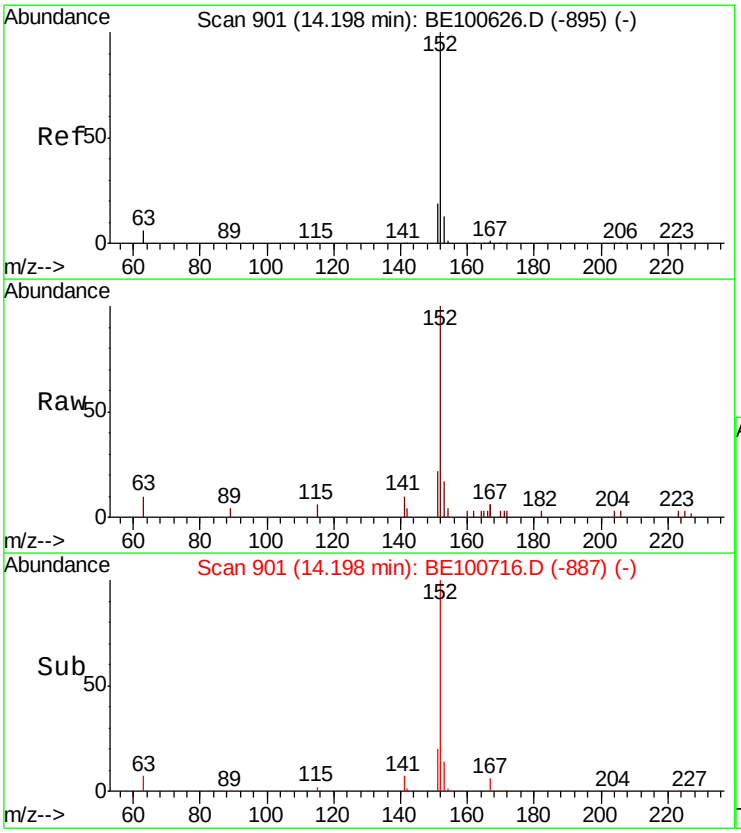
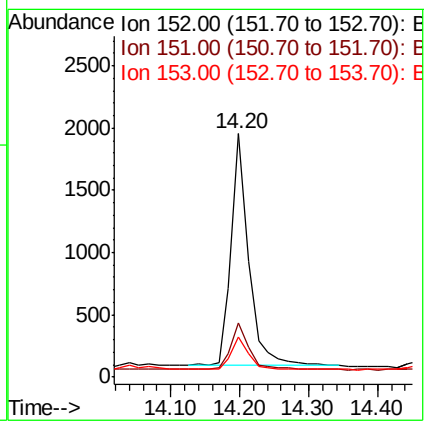
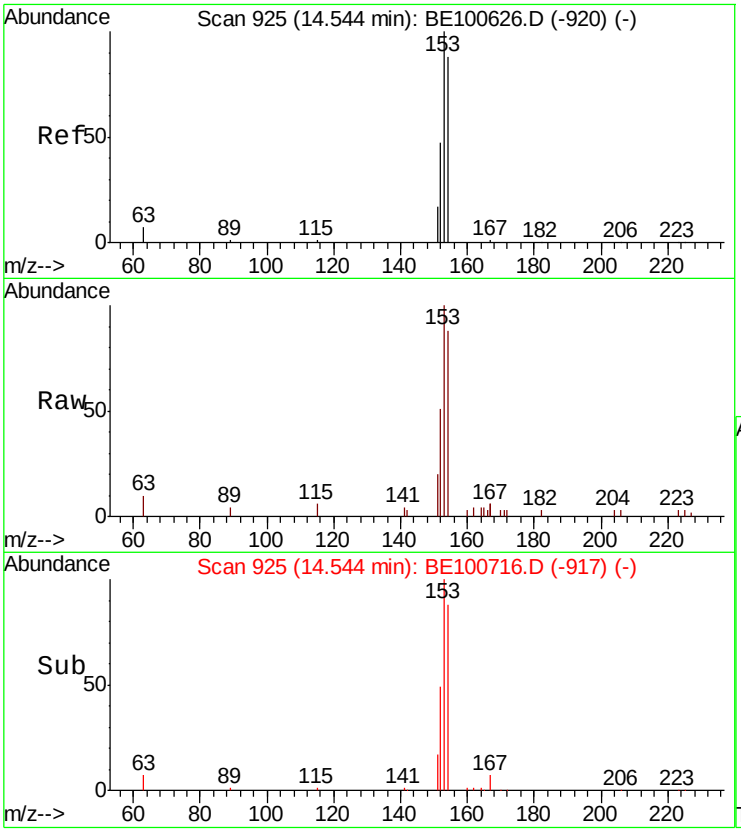


#16
Acenaphthylene
Concen: 0.107 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:152 Resp: 3296

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.2	22.8
153	14.4	10.3	15.5

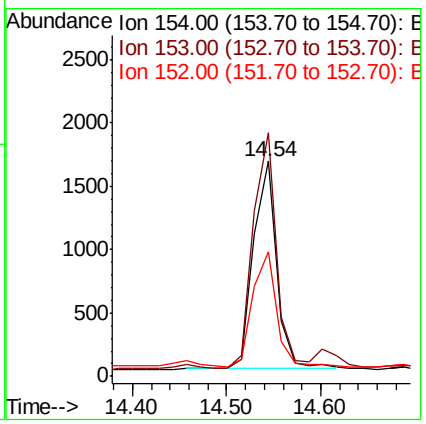




#17
Acenaphthene
Concen: 0.143 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:154 Resp: 2834

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.4	134.2
152	56.8	44.1	66.1



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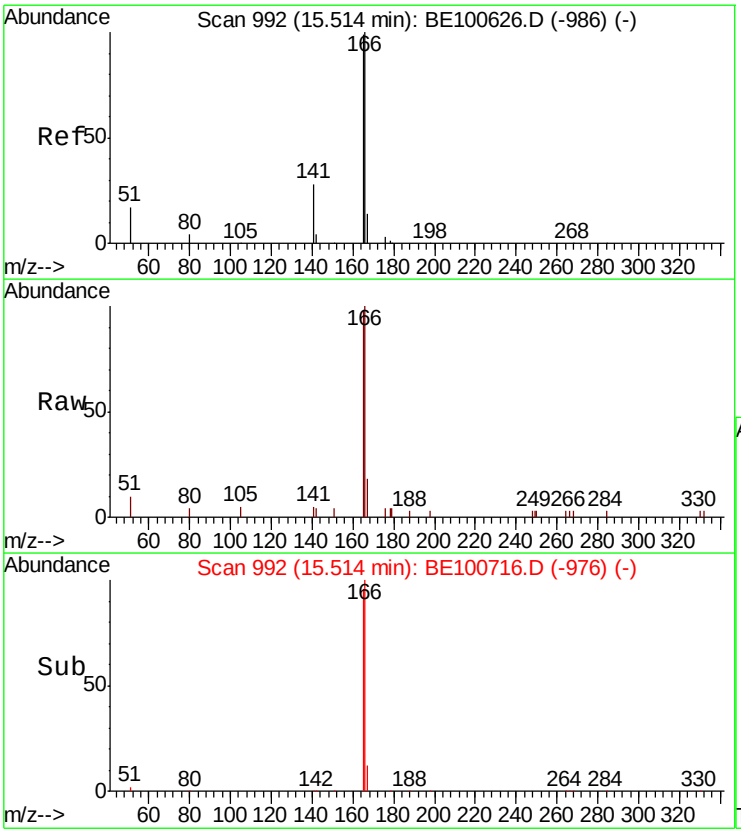
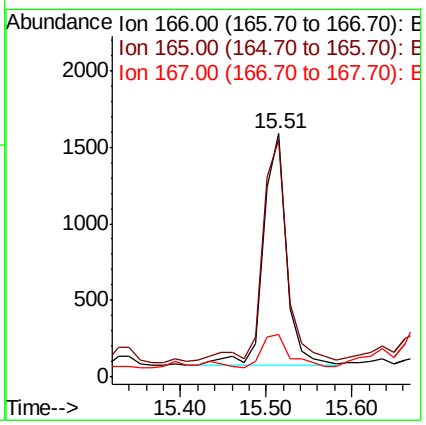
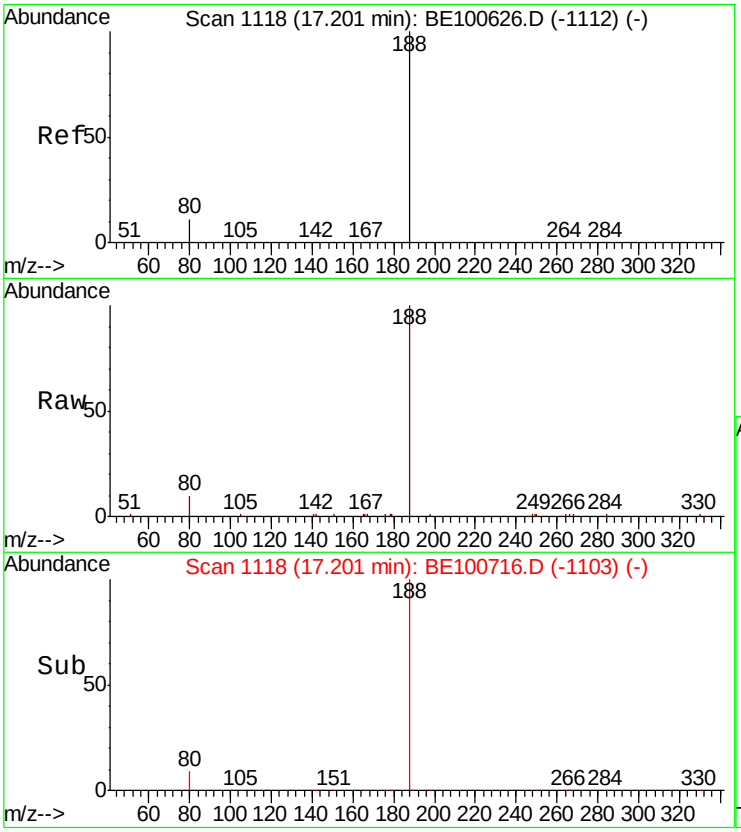


#18
Fluorene
Concen: 0.106 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:166 Resp: 2803

Ion	Ratio	Lower	Upper
166	100		
165	105.6	78.6	117.8
167	17.8	10.9	16.3#

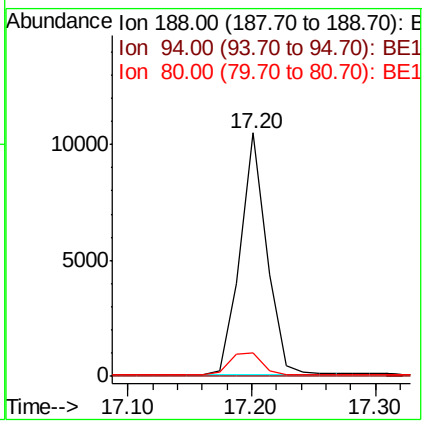




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:188 Resp: 15551

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	5.4	8.0#



Instrument :
BNA_E
ClientSampleId :
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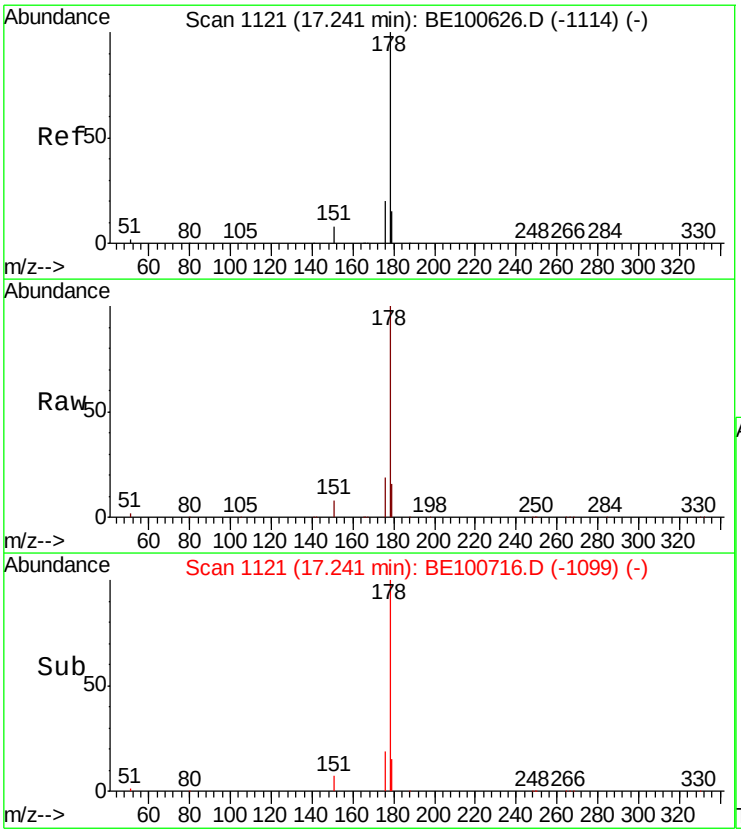
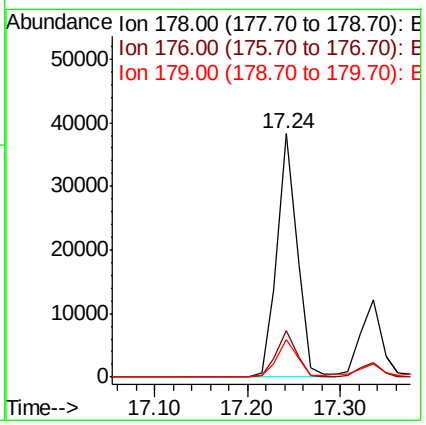
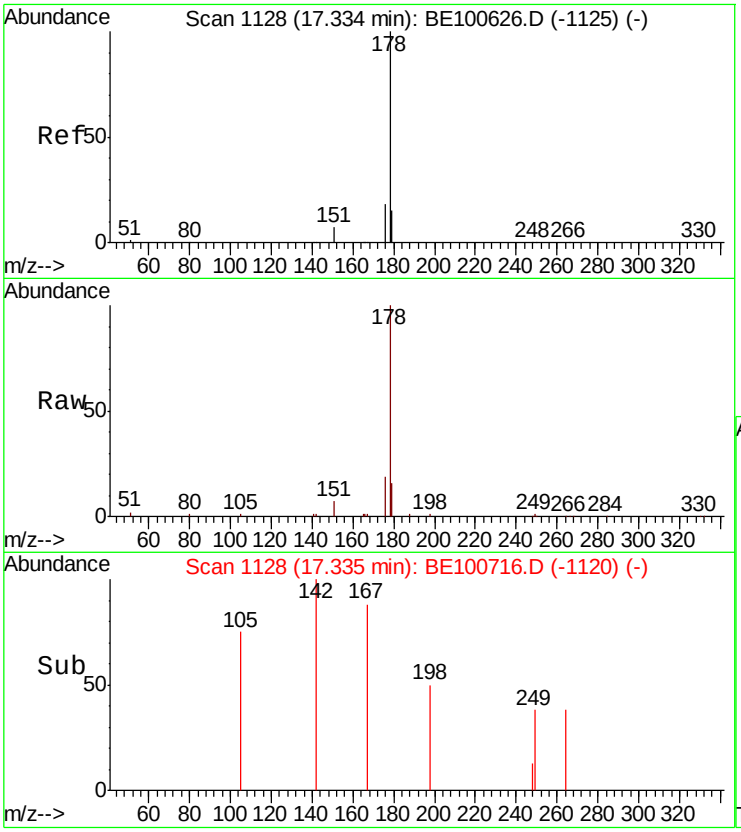


#23
Phenanthrene
Concen: 1.350 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:178 Resp: 57763

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.5	12.1	18.1

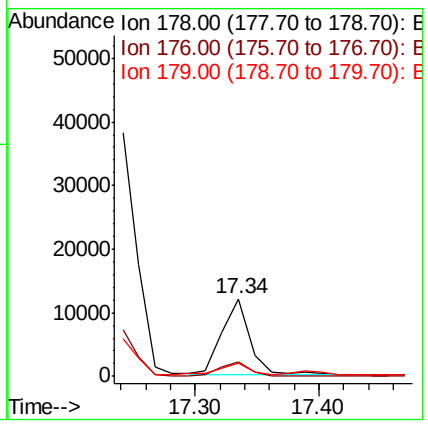




#24
Anthracene
Concen: 0.466 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:178 Resp: 18509

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	16.7	12.5	18.7



Instrument :
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ClientSampleId :
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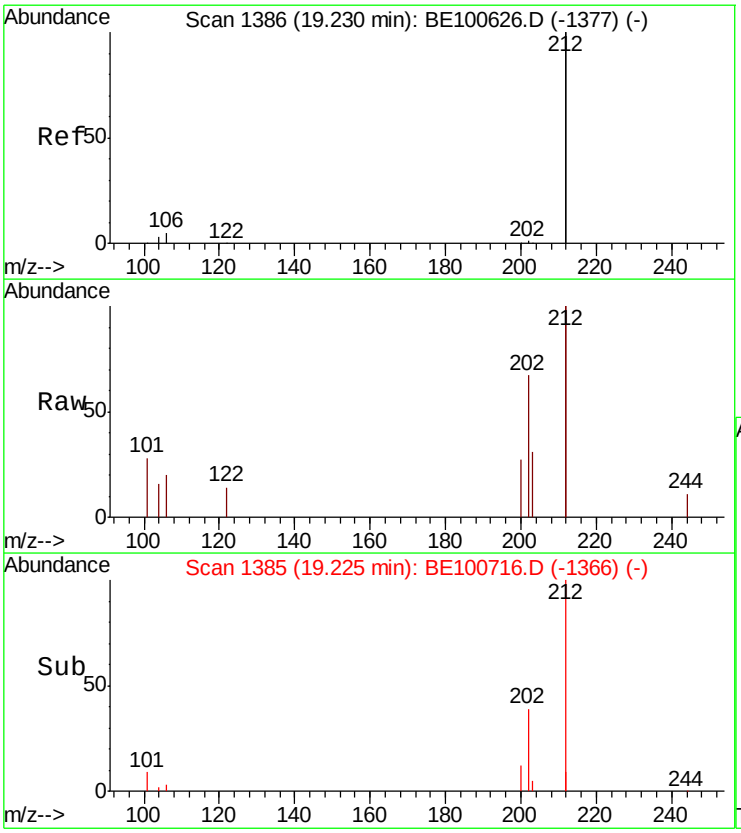
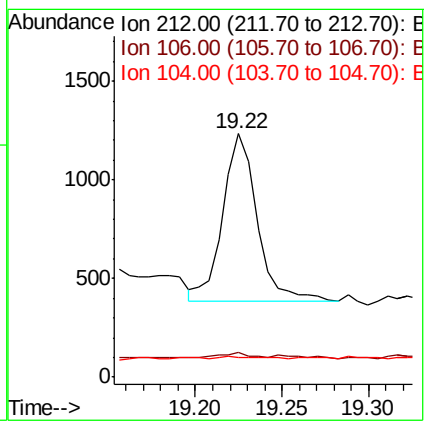
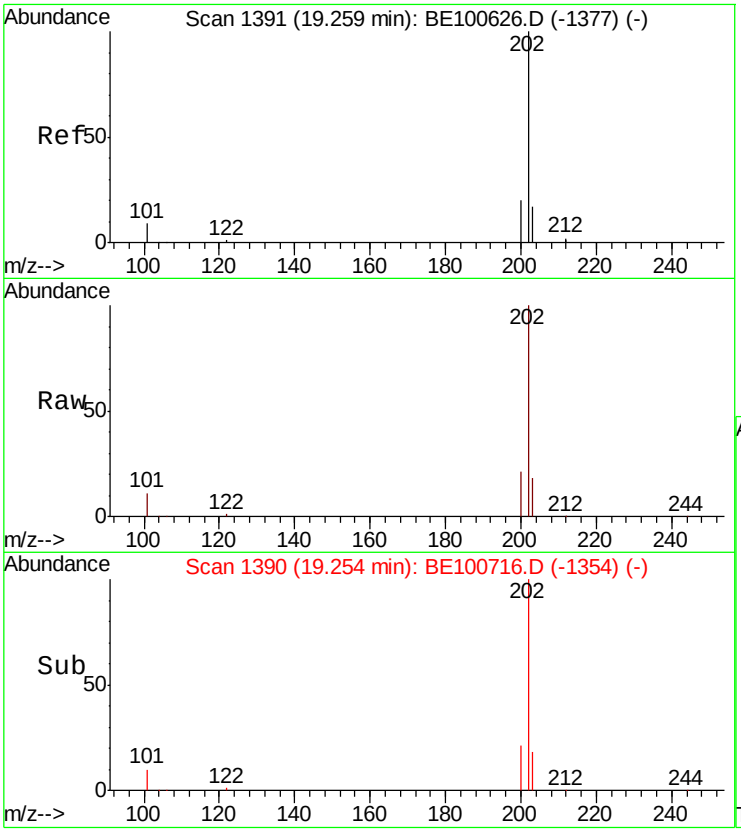


#25
Fluoranthene-d10
Concen: 0.006 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:212 Resp: 1170

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.3	3.5
104	1.5	1.3	1.9

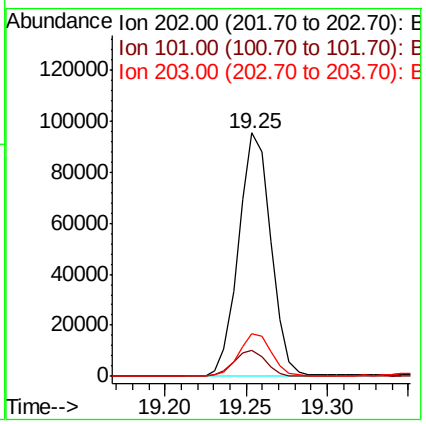




#26
Fluoranthene
Concen: 2.353 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:202 Resp: 131377

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.6	13.8	20.8



Instrument :
BNA_E
ClientSampleId :
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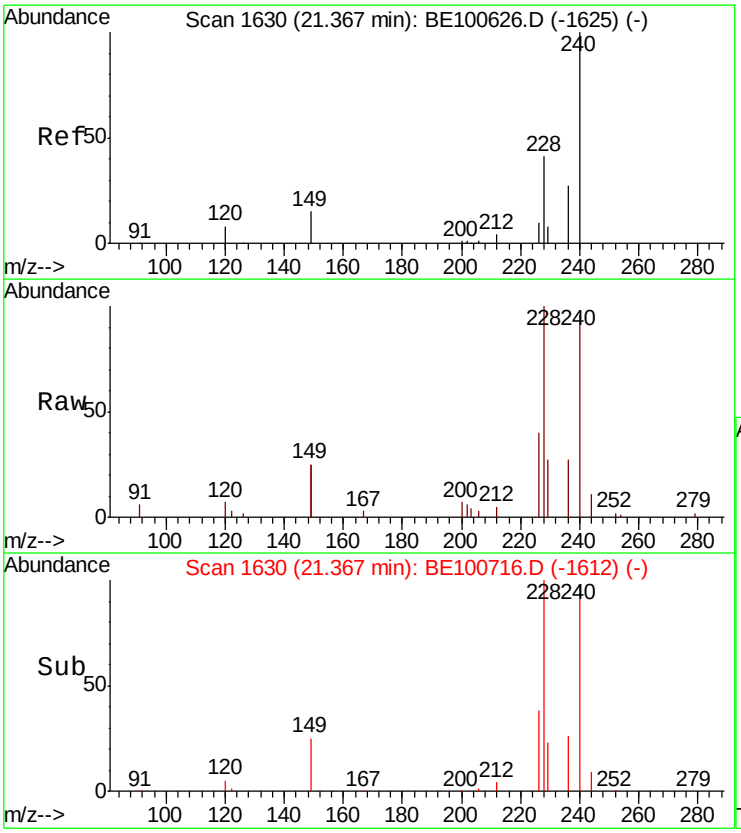
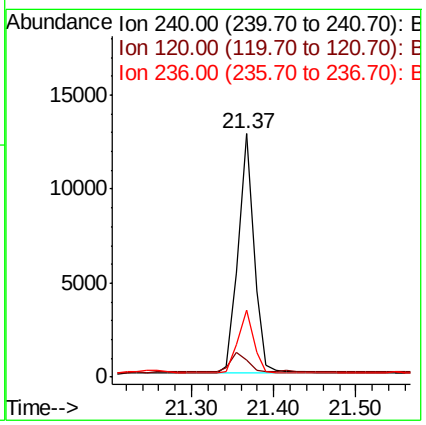
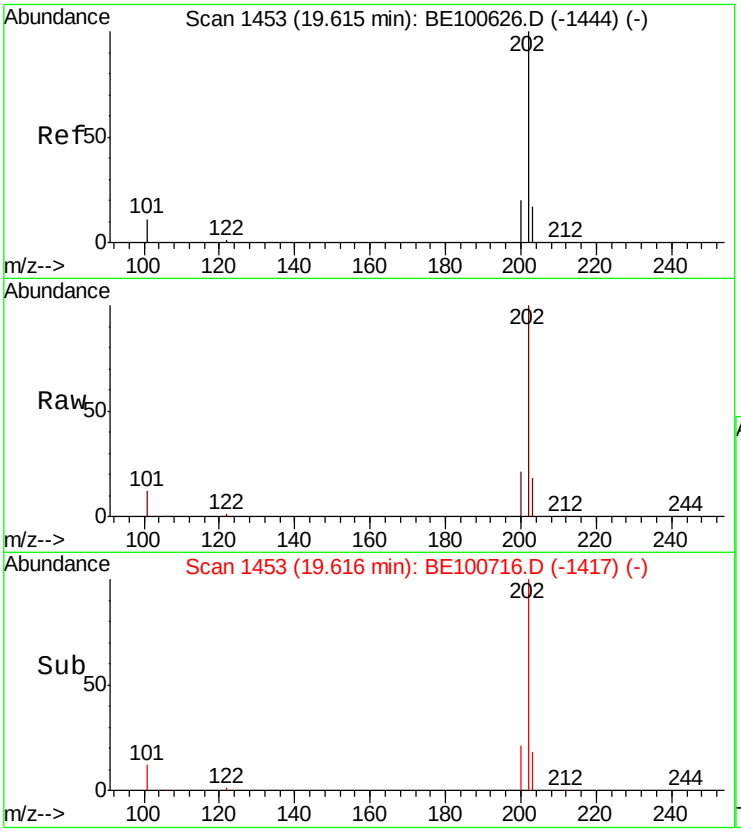


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:240 Resp: 17159

Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.6	11.4#
236	27.7	22.1	33.1





#28
Pyrene
Concen: 2.853 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:202 Resp: 136756

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	22.4	14.0	21.0#

Instrument :
BNA_E
ClientSampleId :
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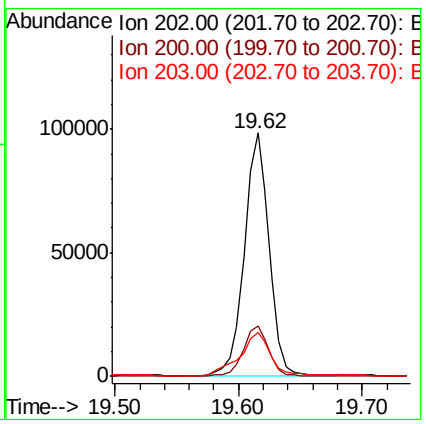
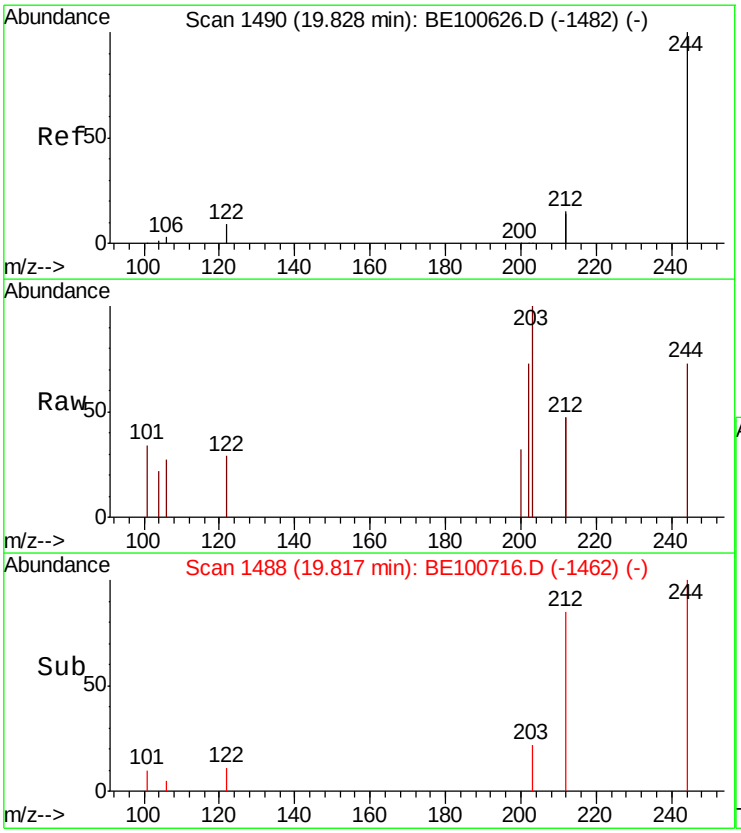
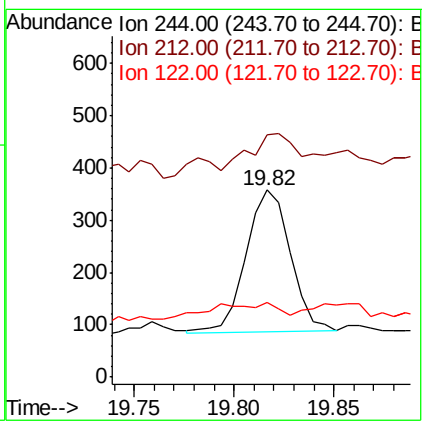


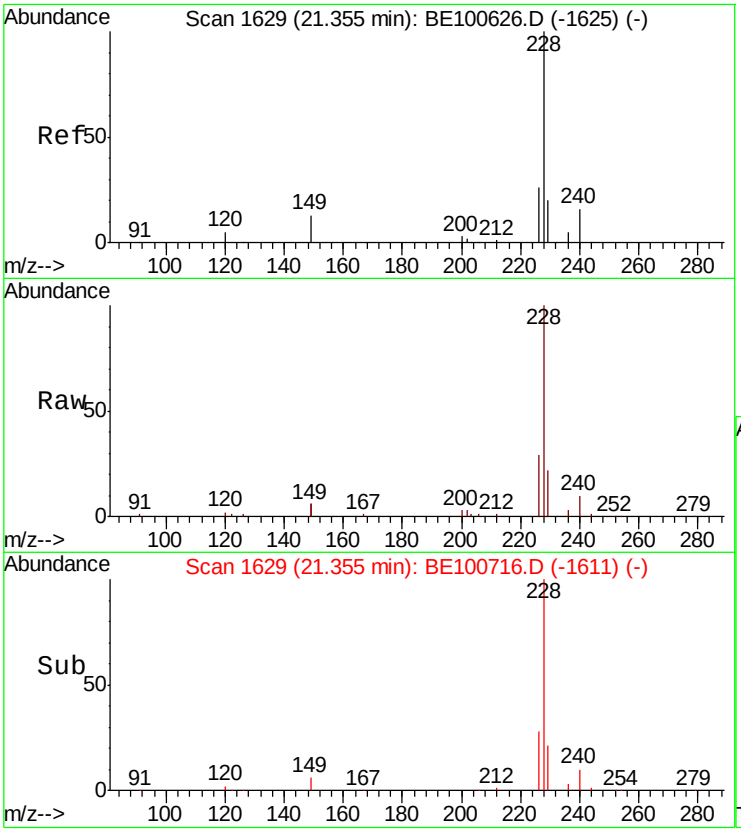


#29
Terphenyl-d14
Concen: 0.011 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:244 Resp: 418

Ion	Ratio	Lower	Upper
244	100		
212	129.6	23.7	35.5#
122	39.7	7.9	11.9#

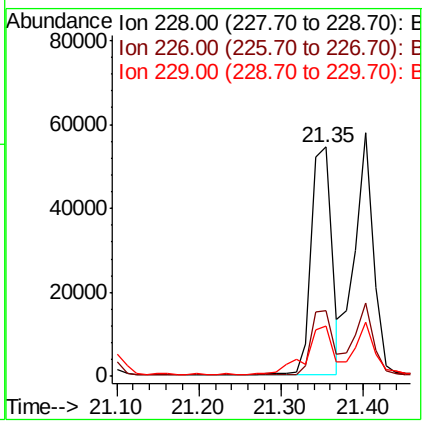




#30
Benzo(a)anthracene
Concen: 1.672 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:228 Resp: 93576

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.0
229	22.2	16.0	24.0



Instrument :
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ClientSampleId :
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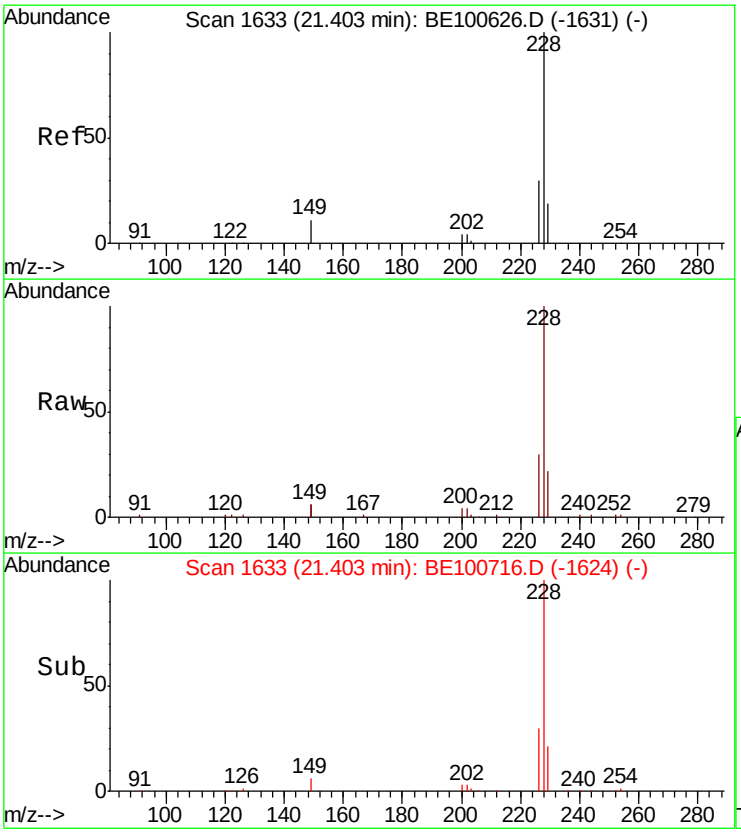
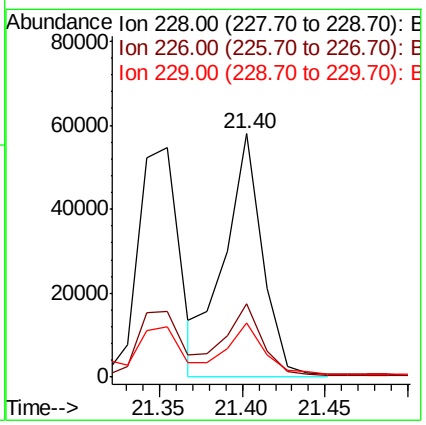
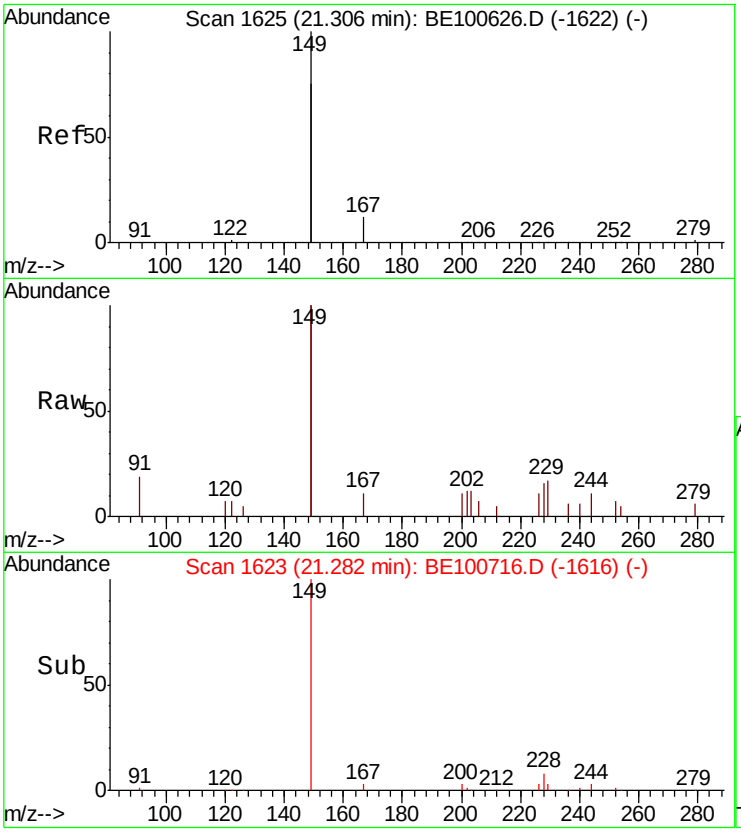


#31
Chrysene
Concen: 1.677 ng m
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:228 Resp: 93820

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	22.2	15.8	23.8





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.033 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:149 Resp: 3915

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.5	8.3
279	2.5	0.9	1.3#

Instrument :
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ClientSampleId :
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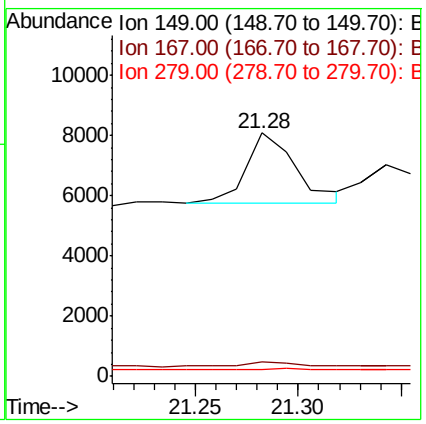
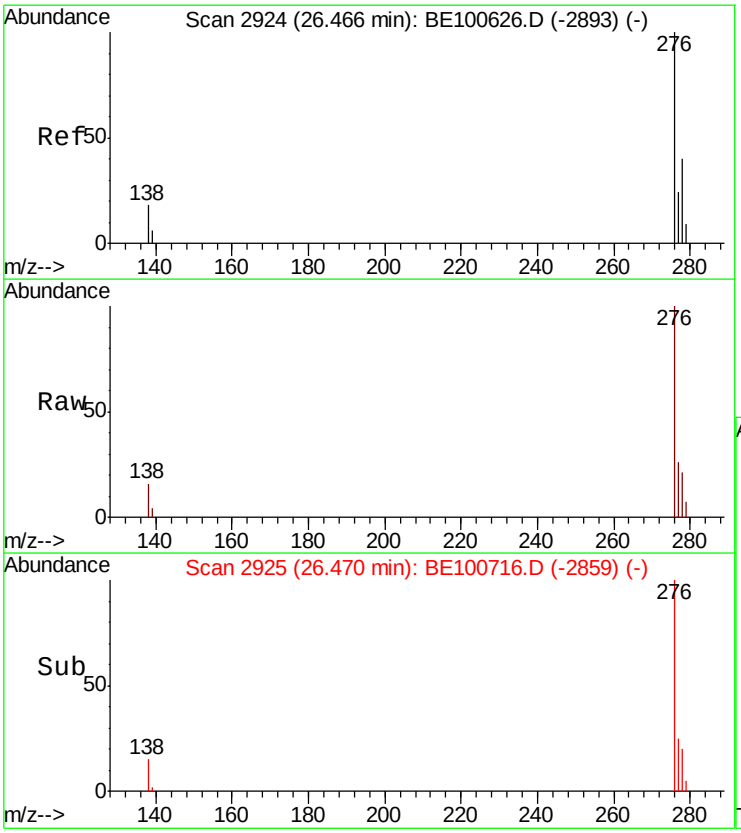
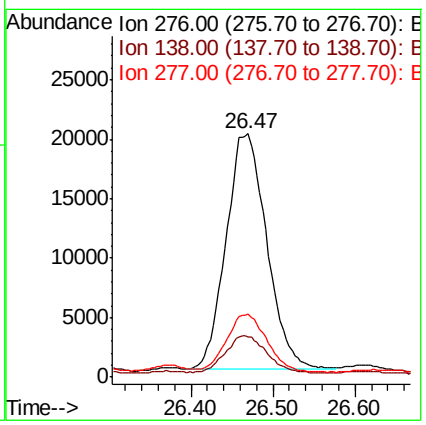


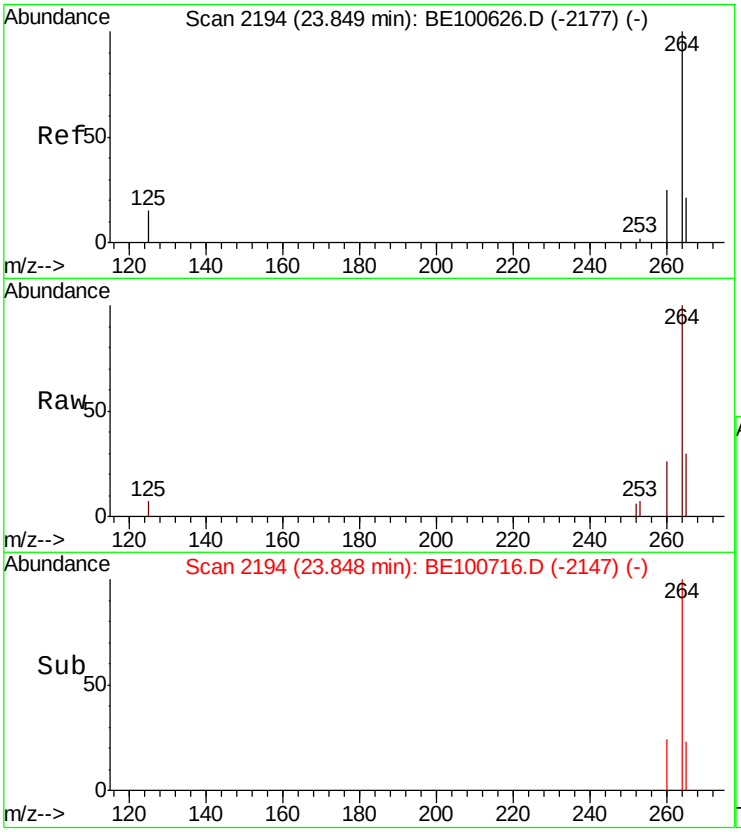


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.996 ng
RT: 26.47 min Scan# 2925
Delta R.T. 0.04 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:276 Resp: 68463

Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.3	22.9
277	24.5	19.4	29.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.02 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:264 Resp: 19332

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.4	29.2
265	29.8	21.7	32.5

Instrument :
BNA_E
ClientSampleId :
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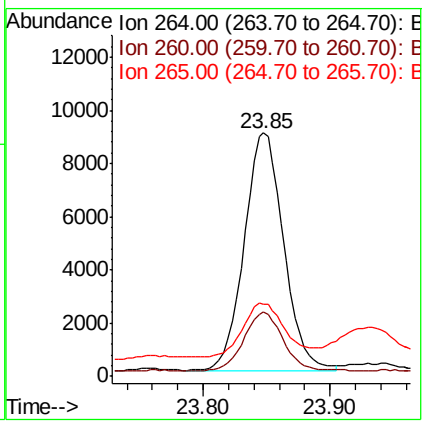
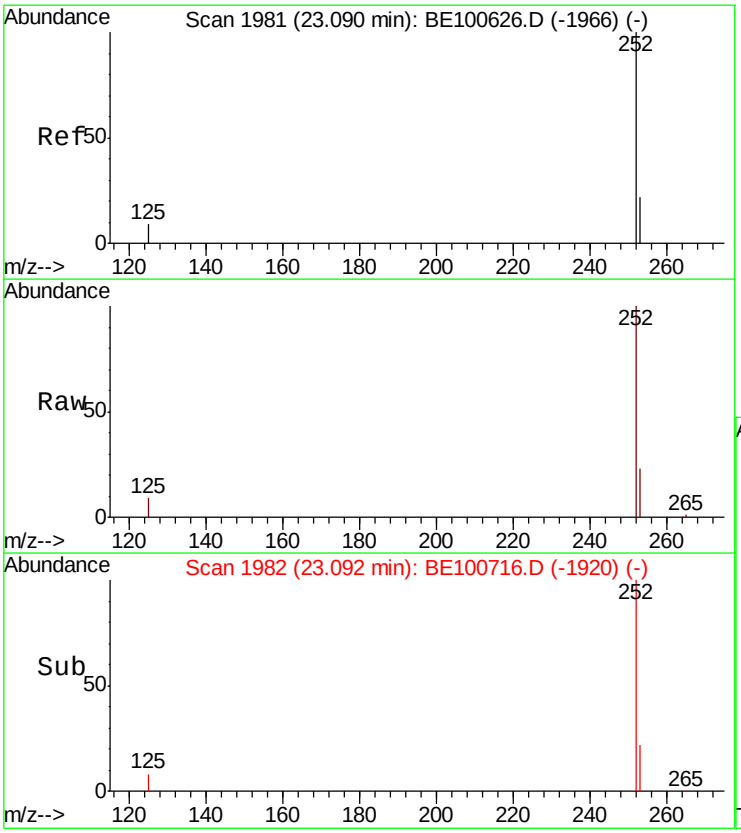
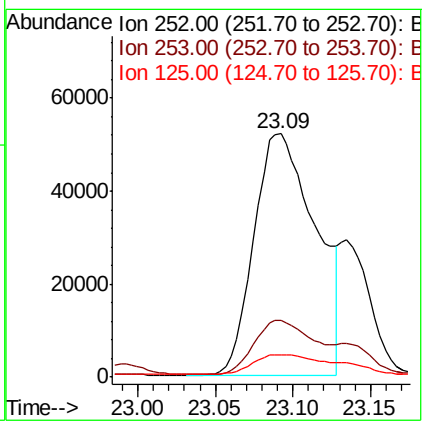


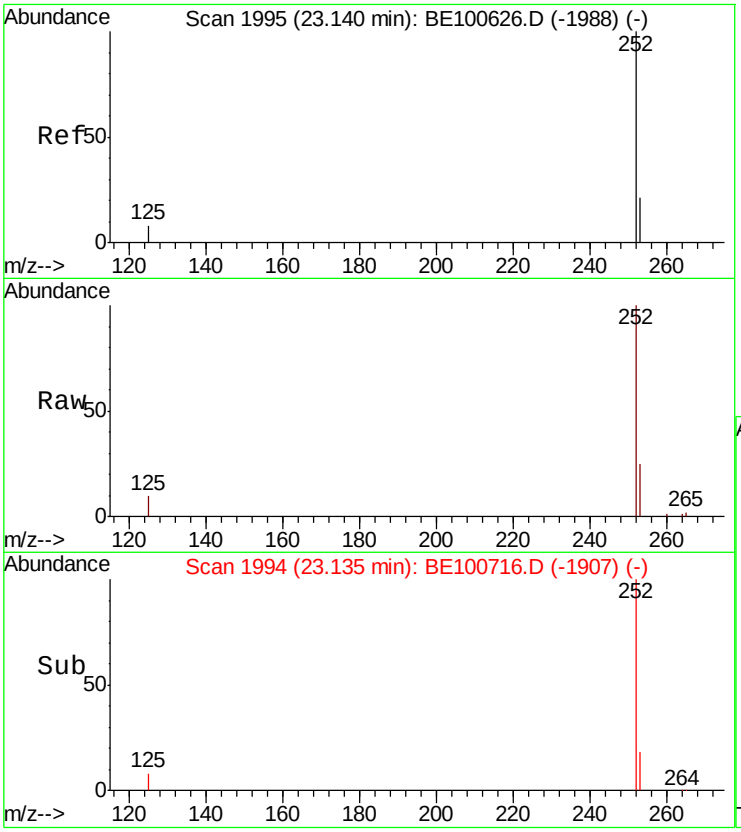


#35
Benzo(b)fluoranthene
Concen: 2.554 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.02 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:252 Resp: 143954

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	9.3	7.6	11.4





#36
Benzo(k)fluoranthene
Concen: 0.715 ng m
RT: 23.13 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:252 Resp: 41424

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	10.3	11.6	17.4#

Instrument :
BNA_E
ClientSampleId :
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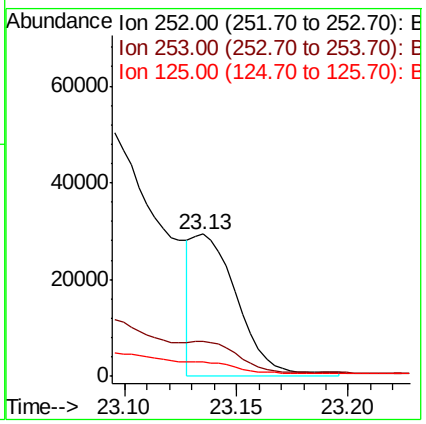
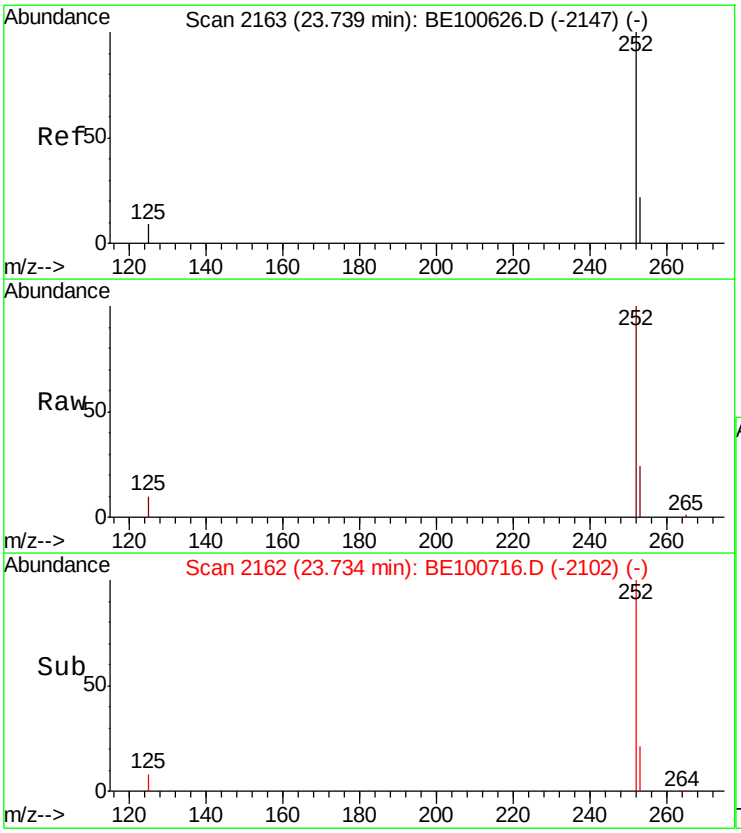
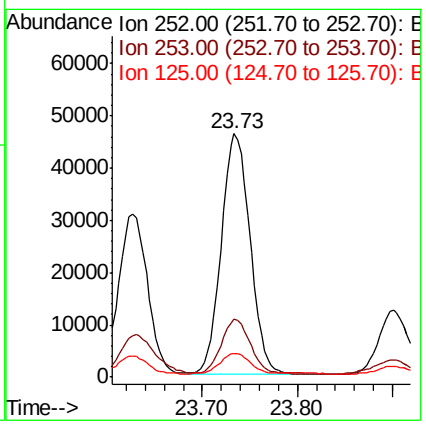


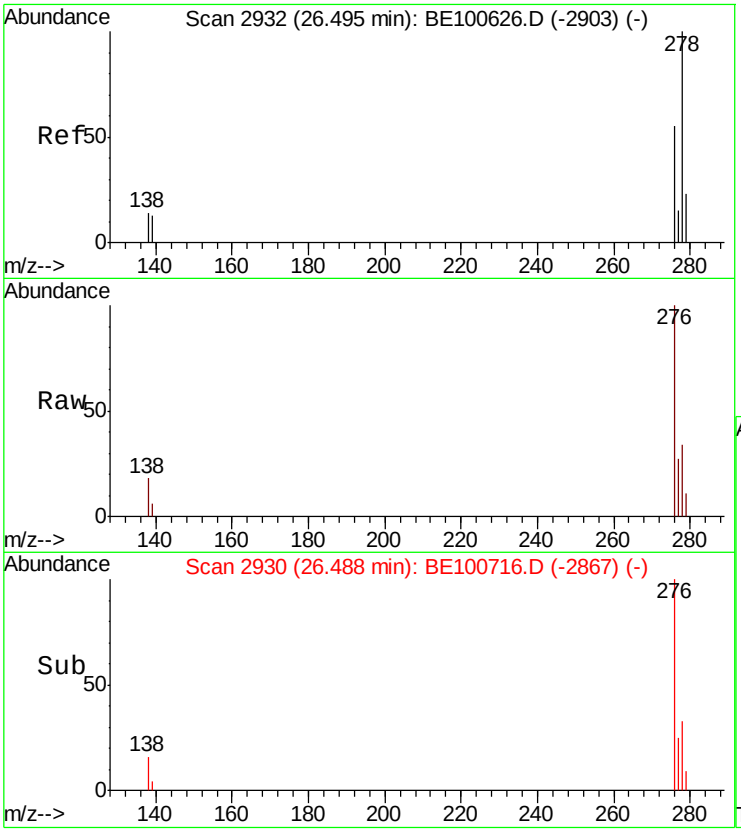


#37
Benzo(a)pyrene
Concen: 1.842 ng
RT: 23.73 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:252 Resp: 96667

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	9.7	8.2	12.4





#38
Dibenzo(a,h)anthracene
Concen: 0.310 ng
RT: 26.49 min Scan# 2930
Delta R.T. 0.02 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:278 Resp: 16818

Ion	Ratio	Lower	Upper
278	100		
139	19.1	10.9	16.3#
279	31.9	19.4	29.2#

Instrument :
BNA_E
ClientSampleId :
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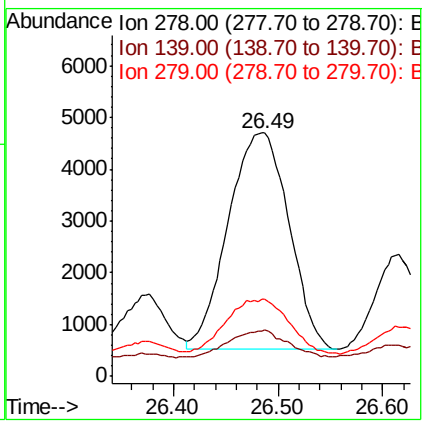

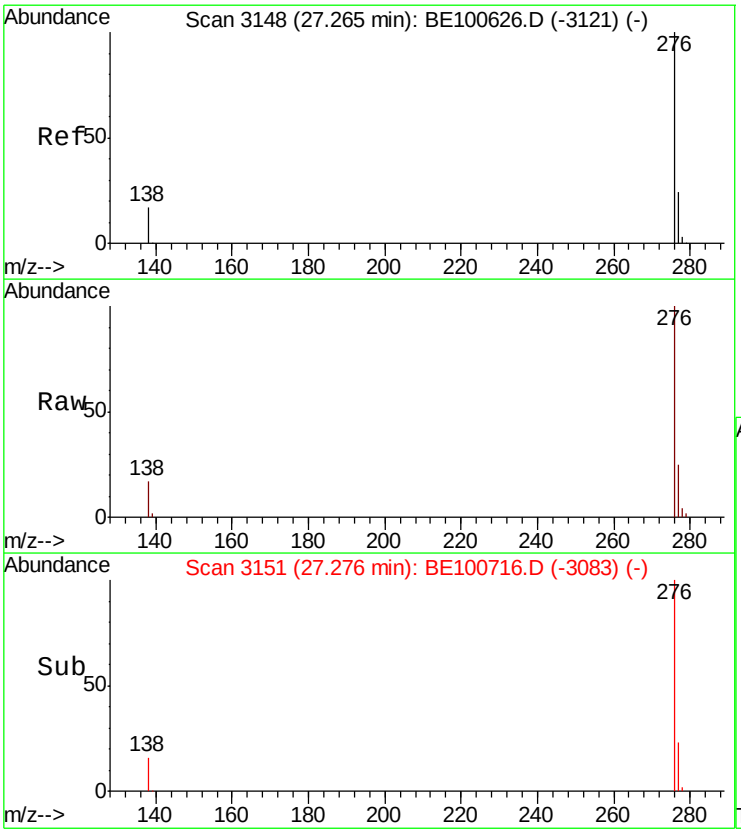

#39
Benzo(g,h,i)perylene
Concen: 1.239 ng
RT: 27.28 min Scan# 3151
Delta R.T. 0.04 min
Lab File: BE100716.D
Acq: 8 Nov 2019 13:52

Tgt Ion:276 Resp: 67574

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	17.0	13.6	20.4