Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100842.D
Acq On : 11 Dec 2019 11:53
Operator : JU
Sample : PB125330BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Manual Integrations APPROVED
mohammad
12/12/2019 11:34:54 AM

Quant Time: Dec 12 09:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5534	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	22702	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	10391	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	23201	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	23552	0.40	ng		0.00
34) Perylene-d12	23.75	264	24941	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	5402	0.41	ng		0.00
5) Phenol-d6	6.93	99	8430	0.43	ng		0.00
8) Nitrobenzene-d5	8.90	82	5294	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	11467m	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	725	0.63	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	15907	0.39	ng		-0.01
25) Fluoranthene-d10	19.16	212	92366	0.34	ng		0.00
29) Terphenyl-d14	19.76	244	19593	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	3832	0.380	ng	#	20
3) n-Nitrosodimethylamine	3.65	42	3171	0.386	ng	#	89
6) bis(2-Chloroethyl)ether	7.18	93	6869	0.359	ng		98
9) Naphthalene	10.59	128	87028	0.361	ng		100
10) Hexachlorobutadiene	10.89	225	3148	0.335	ng		97
12) 2-Methylnaphthalene	12.21	142	13008	0.345	ng		96
16) Acenaphthylene	14.11	152	15565	0.362	ng		100
17) Acenaphthene	14.46	154	10511	0.355	ng		99
18) Fluorene	15.43	166	12527	0.328	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	3464	0.304	ng	#	67
21) Hexachlorobenzene	16.44	284	3954	0.320	ng		97
22) Pentachlorophenol	16.79	266	963	1.126	ng	#	84
23) Phenanthrene	17.16	178	23708	0.337	ng		99
24) Anthracene	17.25	178	19130	0.326	ng		98
26) Fluoranthene	19.18	202	27407	0.327	ng		99
28) Pyrene	19.55	202	27452	0.359	ng		99
30) Benzo(a)anthracene	21.28	228	25016	0.360	ng		98
31) Chrysene	21.34	228	30854	0.378	ng		97
32) Bis(2-ethylhexyl)phthalate	21.23	149	23649	0.485	ng		100
33) Indeno(1,2,3-cd)pyrene	26.32	276	25924	0.365	ng		99
35) Benzo(b)fluoranthene	23.00	252	25624	0.375	ng		99
36) Benzo(k)fluoranthene	23.05	252	27695	0.362	ng		99
37) Benzo(a)pyrene	23.64	252	22320	0.378	ng		100
38) Dibenzo(a,h)anthracene	26.35	278	21603	0.367	ng		99
39) Benzo(g,h,i)perylene	27.11	276	23889	0.380	ng		99

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100842.D
Acq On : 11 Dec 2019 11:53
Operator : JU
Sample : PB125330BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 12 09:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Manual Integrations APPROVED
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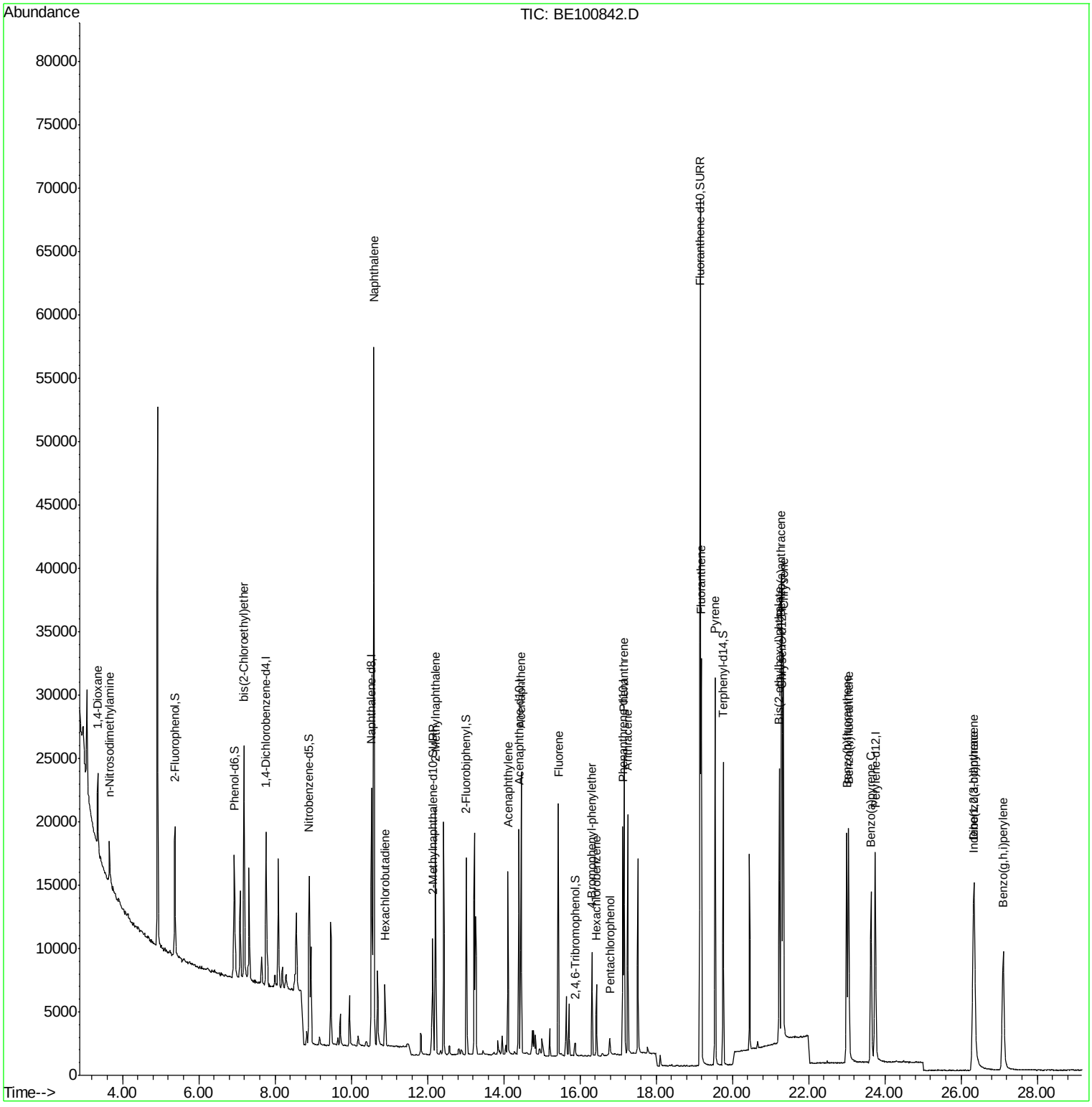
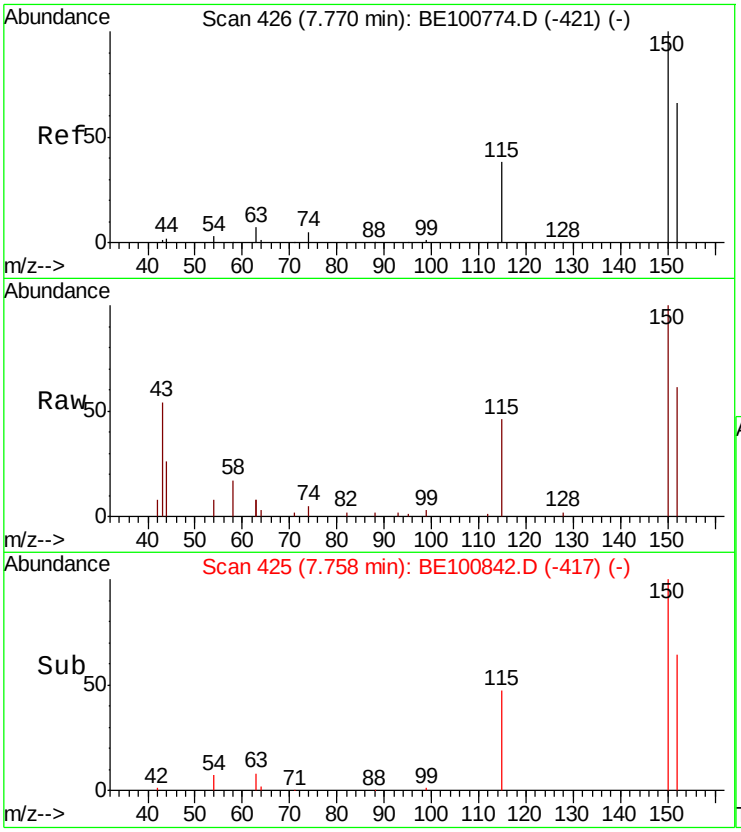
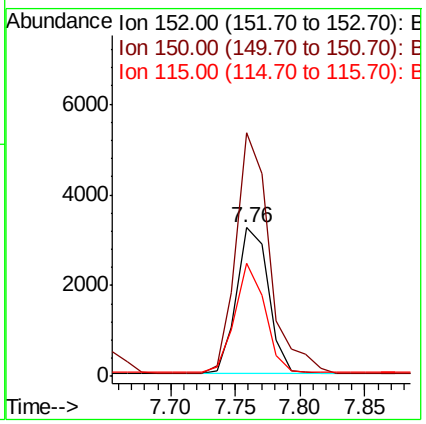




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:152 Resp: 5534

Ion	Ratio	Lower	Upper
152	100		
150	164.0	120.6	181.0
115	76.1	47.4	71.2#



Instrument :
BNA_E
ClientSampleId :
PB125330BS

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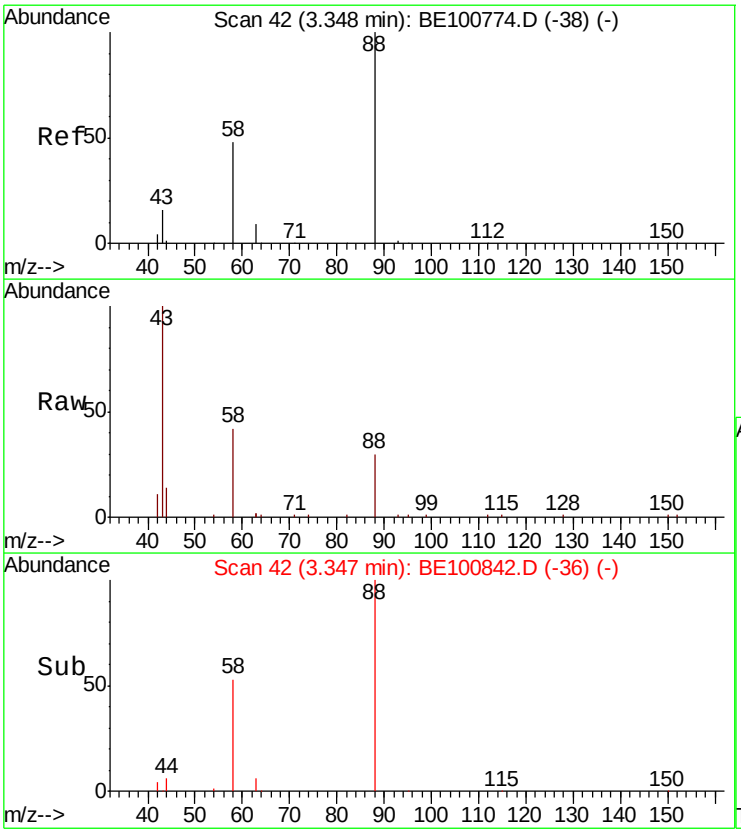
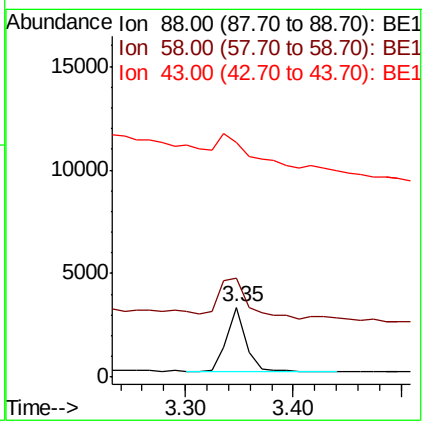
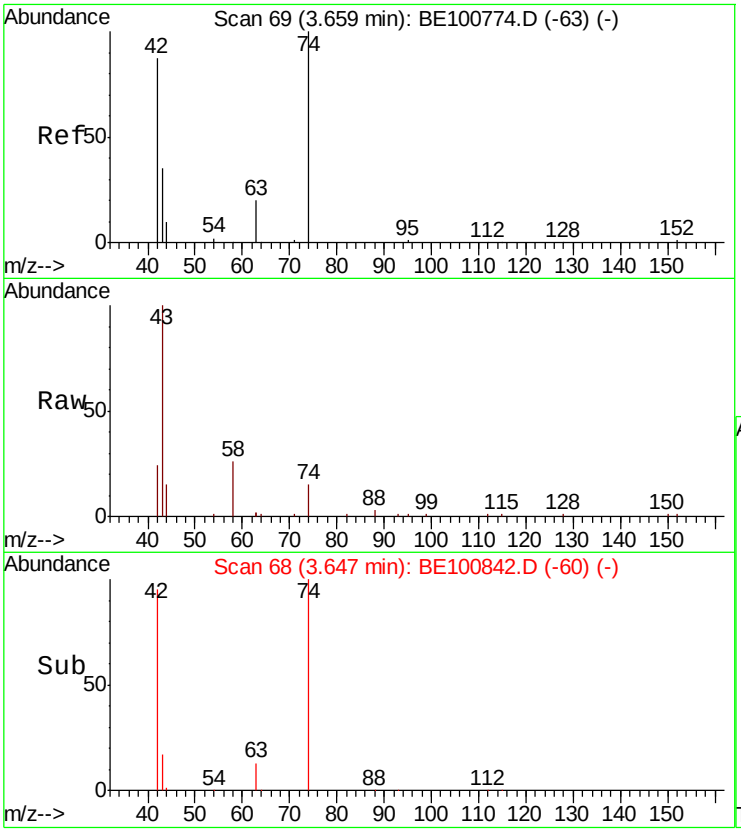


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion: 88 Resp: 3832

Ion	Ratio	Lower	Upper
88	100		
58	94.7	52.5	78.7#
43	124.6	23.0	34.6#

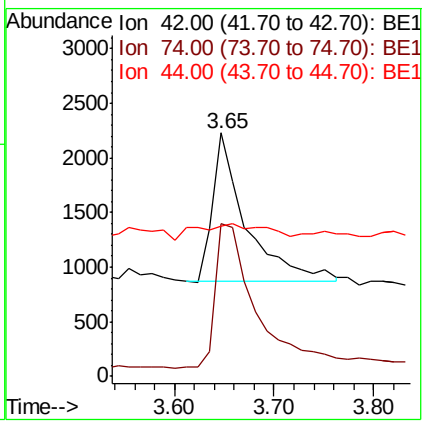




#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion: 42 Resp: 3171

Ion	Ratio	Lower	Upper
42	100		
74	118.9	86.3	129.5
44	22.1	11.6	17.4#



Instrument :
BNA_E
ClientSampleId :
PB125330BS

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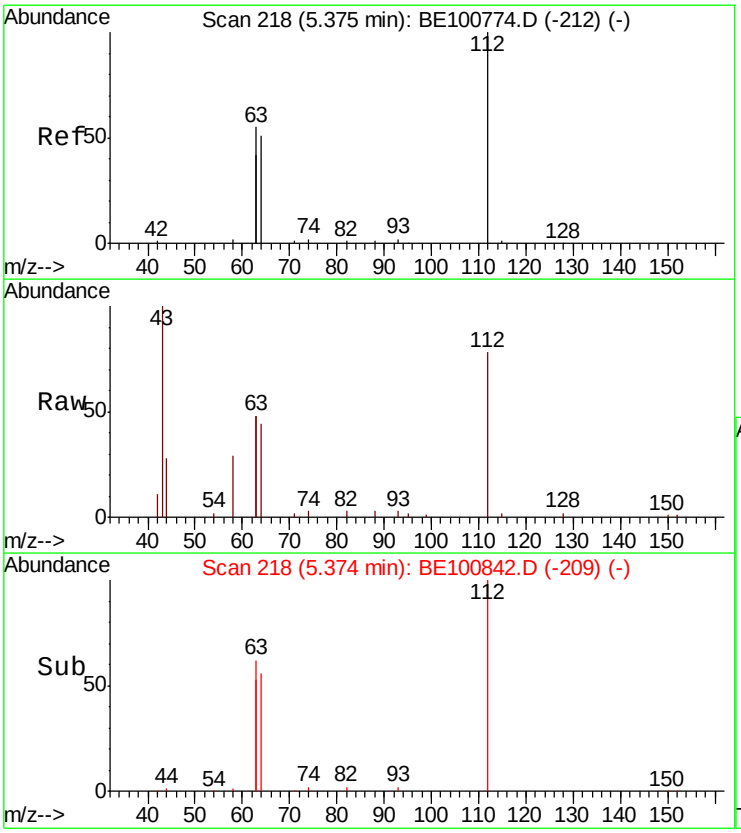
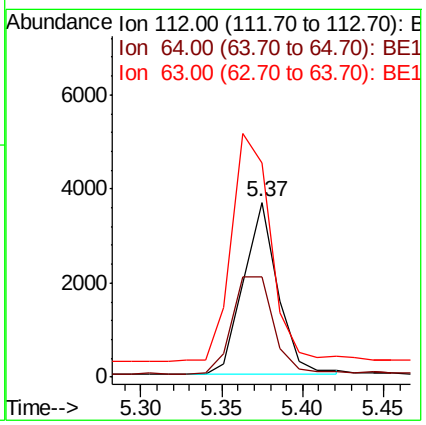
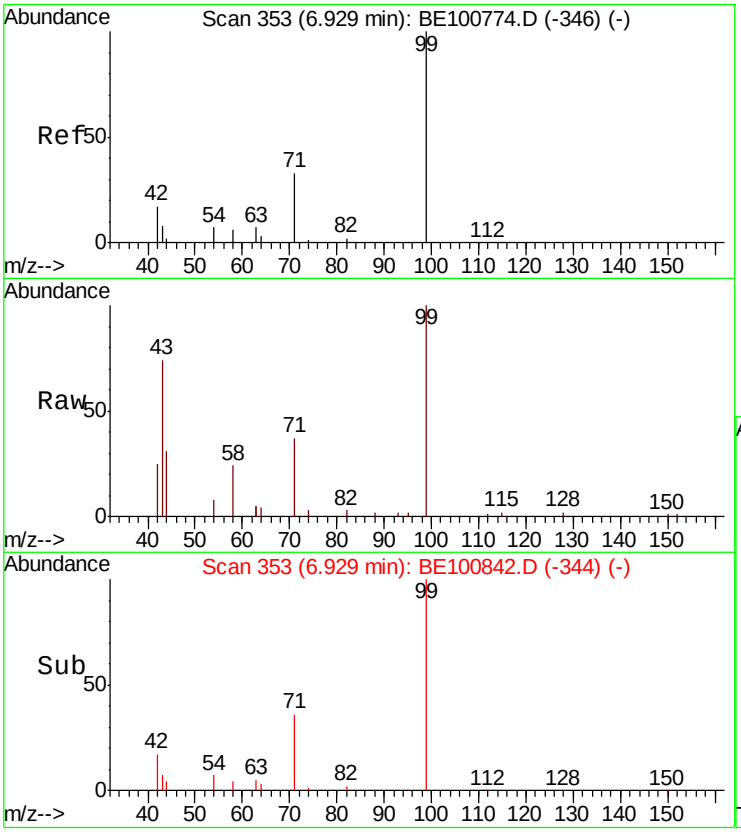


#4
2-Fluorophenol
Concen: 0.411 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:112 Resp: 5402

Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.1	81.1
63	147.5	113.2	169.8

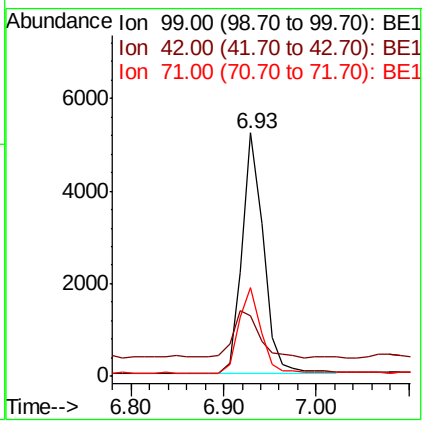




#5
Phenol-d6
Concen: 0.425 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion: 99 Resp: 8430

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.1	28.7
71	37.0	27.7	41.5



Instrument :
BNA_E
ClientSampleId :
PB125330BS

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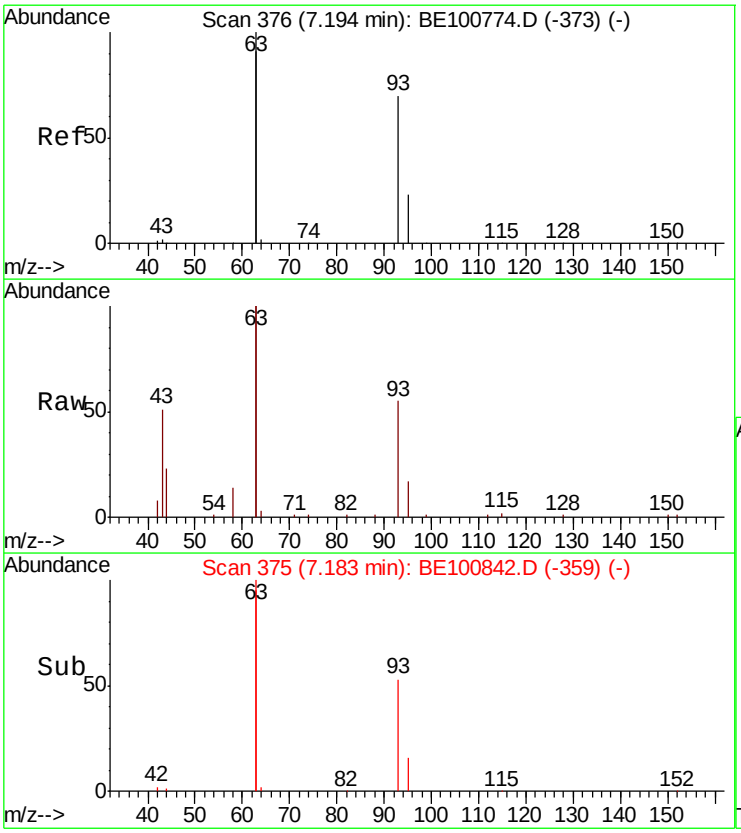
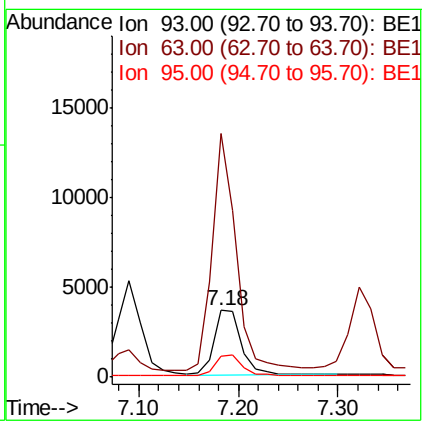
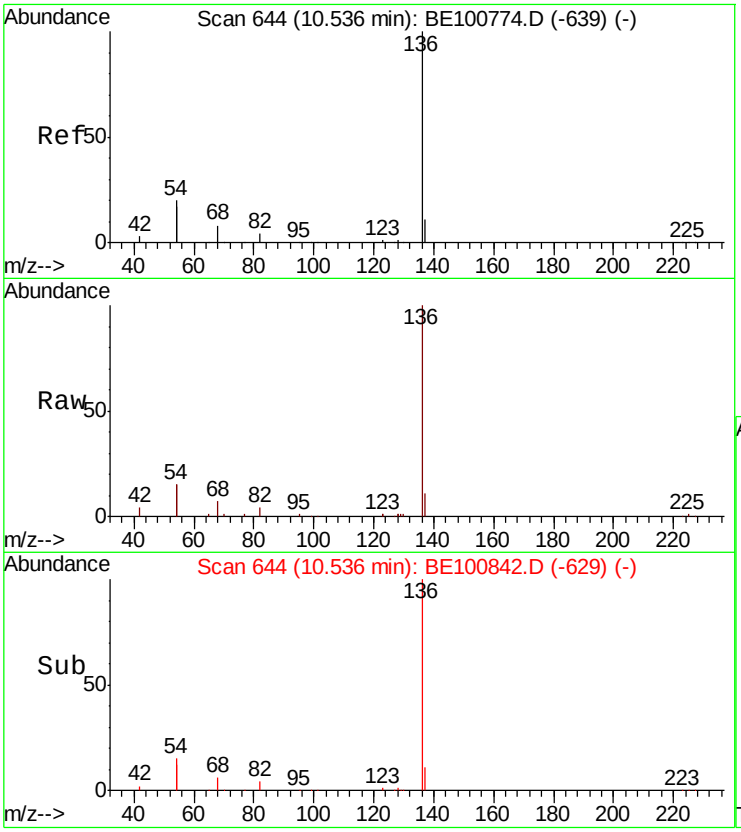


#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion: 93 Resp: 6869

Ion	Ratio	Lower	Upper
93	100		
63	319.3	259.4	389.0
95	31.9	26.2	39.2

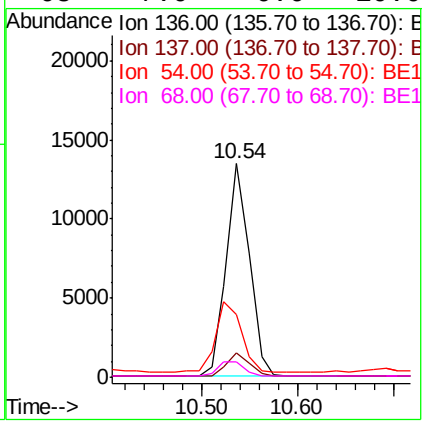




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:136 Resp: 22702

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	29.5	31.1	46.7#
68	7.0	6.6	10.0



Instrument :
BNA_E
ClientSampleId :
PB125330BS

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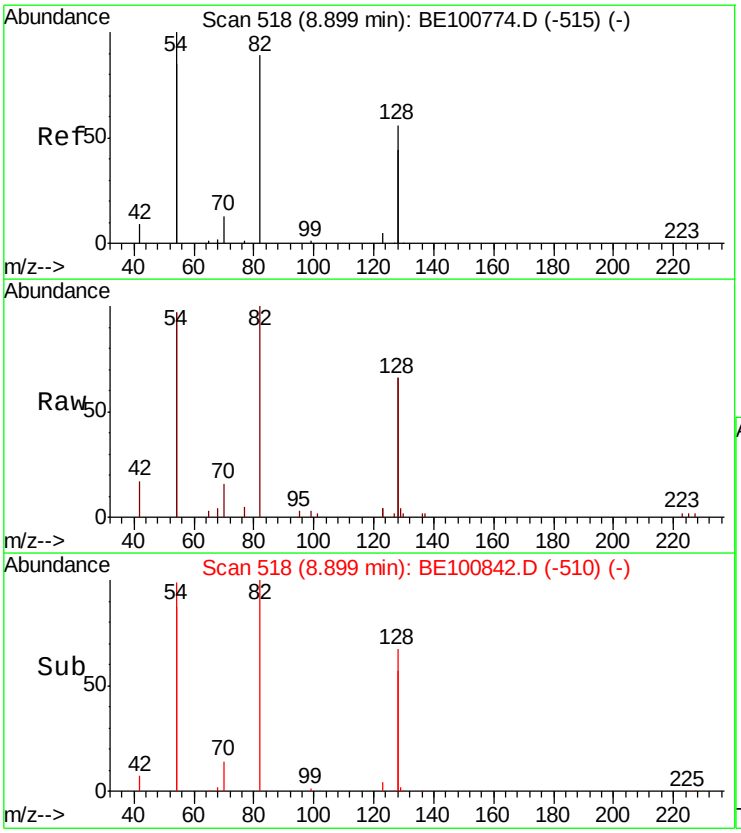
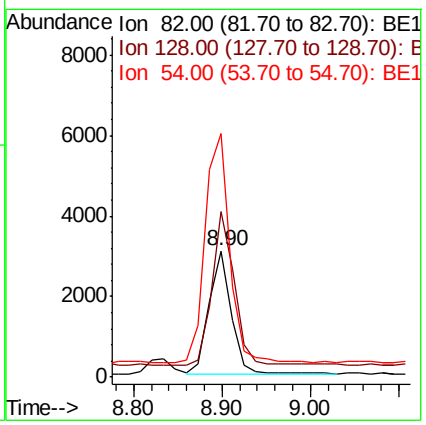
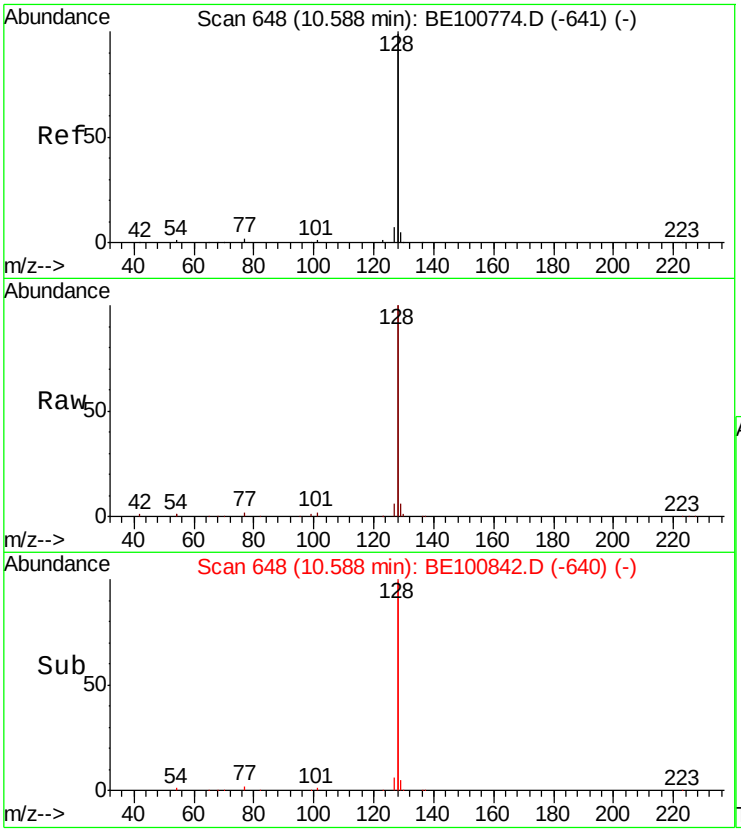


#8
Nitrobenzene-d5
Concen: 0.490 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion: 82 Resp: 5294

Ion	Ratio	Lower	Upper
82	100		
128	131.1	97.0	145.4
54	193.1	171.8	257.6

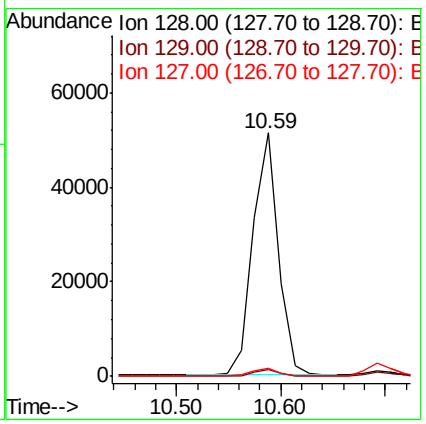




#9
Naphthalene
Concen: 0.361 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:128 Resp: 87028

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.2	2.7	4.1



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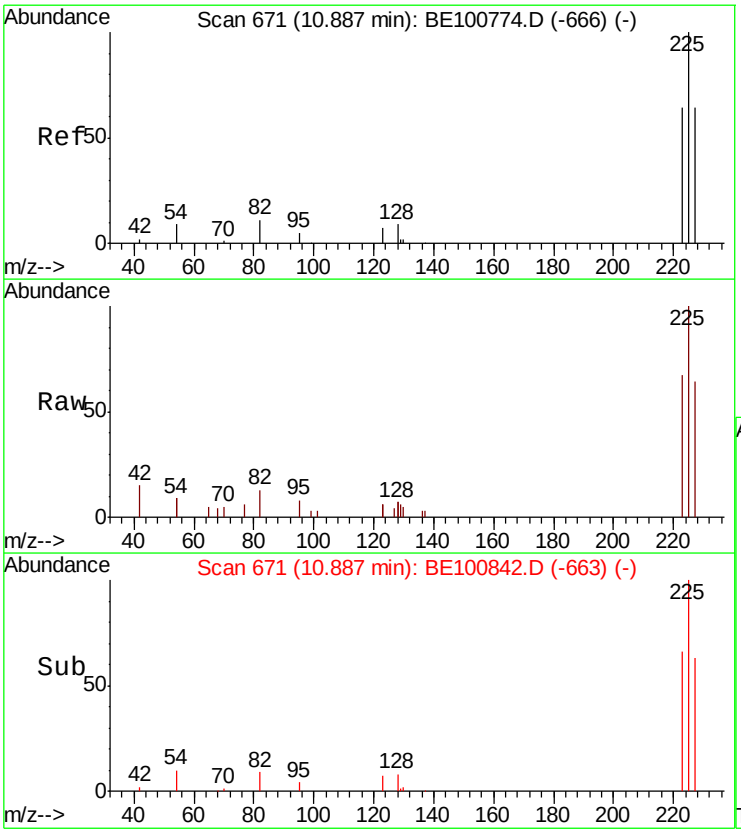
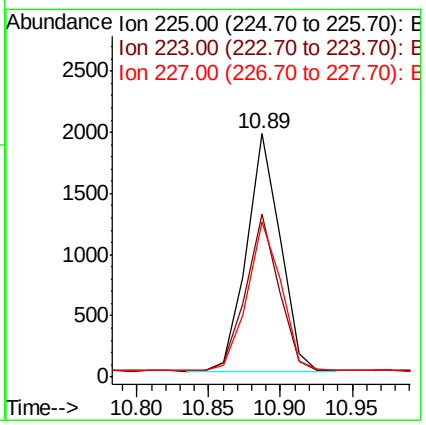
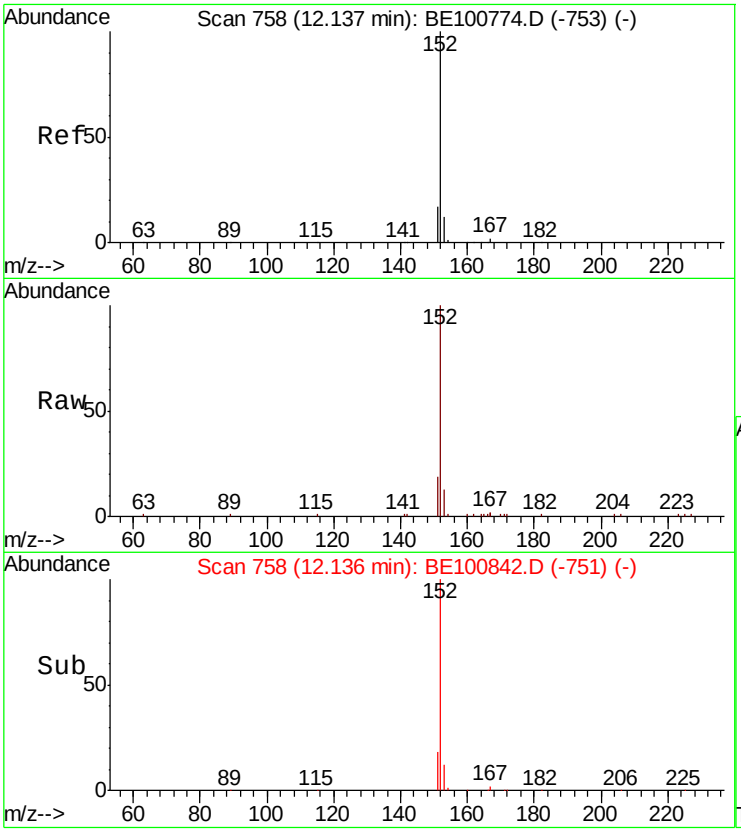


#10
Hexachlorobutadiene
Concen: 0.335 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:225 Resp: 3148

Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.9	74.9
227	63.6	52.2	78.4





#11
2-Methylnaphthalene-d10
Concen: 0.349 ng m
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:152 Resp: 11467

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.8

Instrument :
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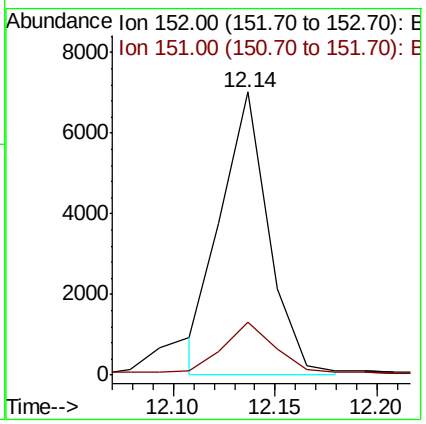
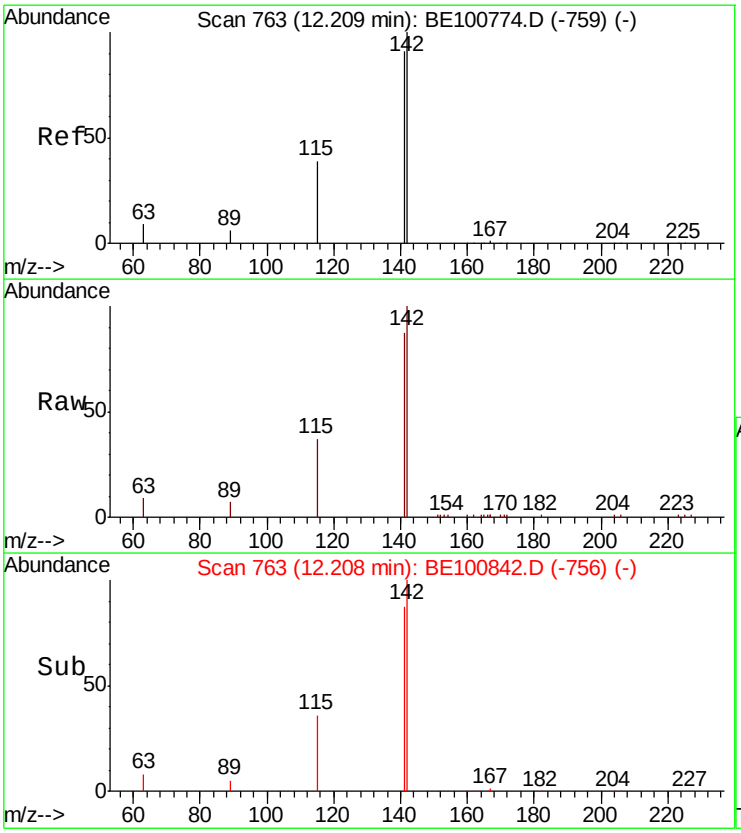
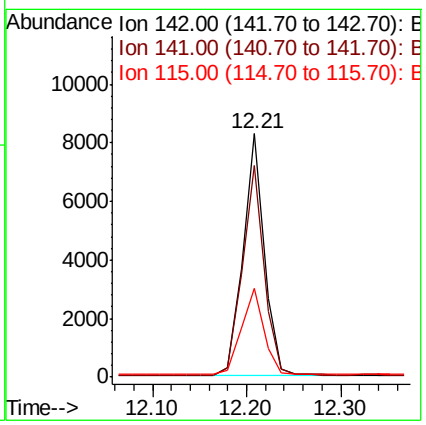


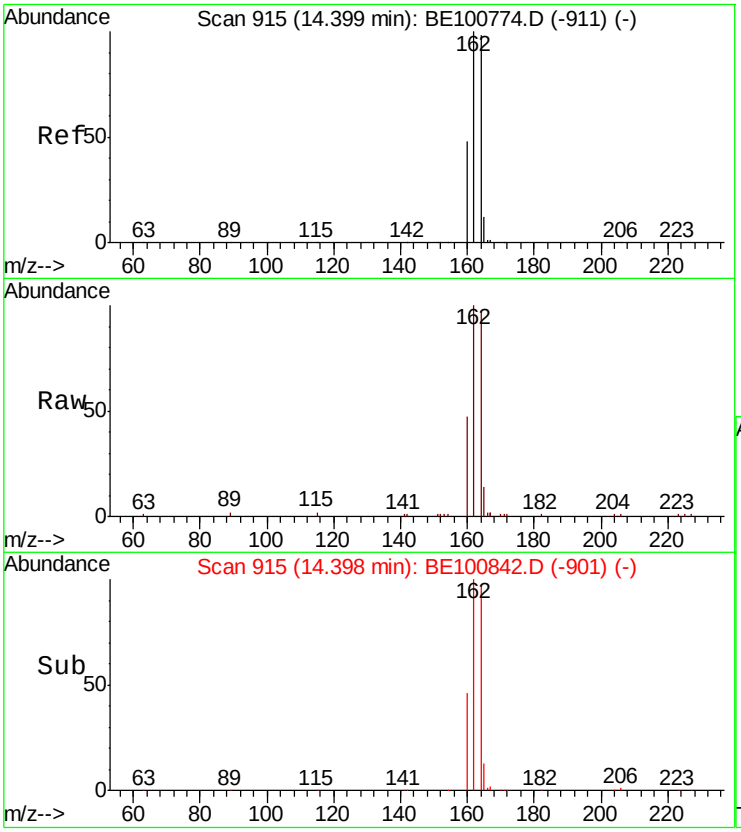


#12
2-Methylnaphthalene
Concen: 0.345 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:142 Resp: 13008

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8
115	36.7	31.8	47.6

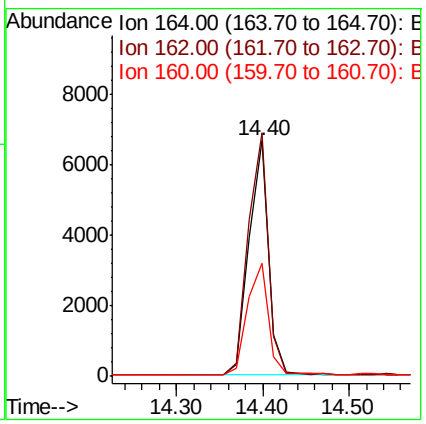




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:164 Resp: 10391

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.0
160	48.2	39.4	59.0



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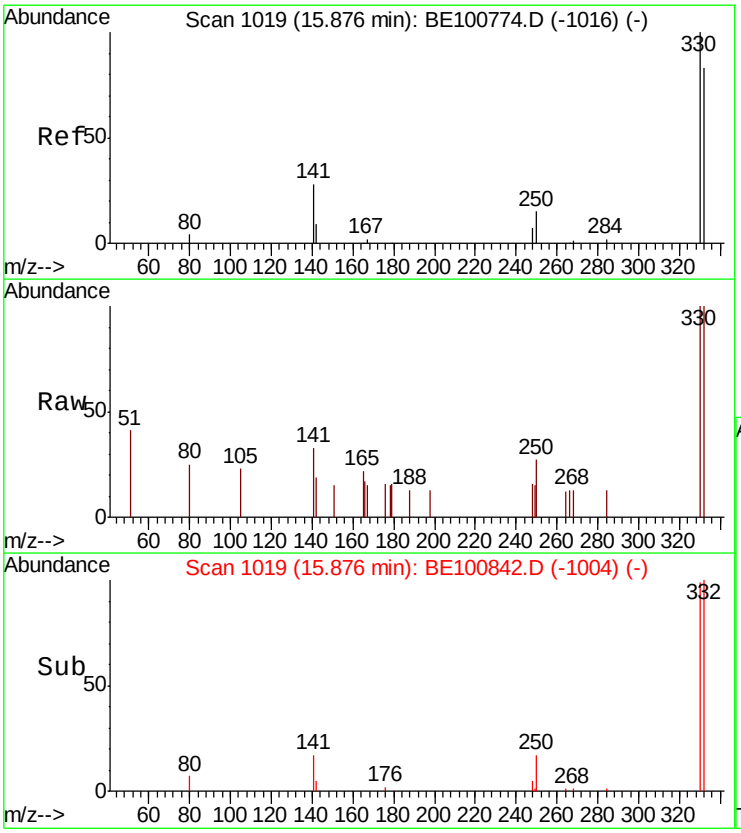
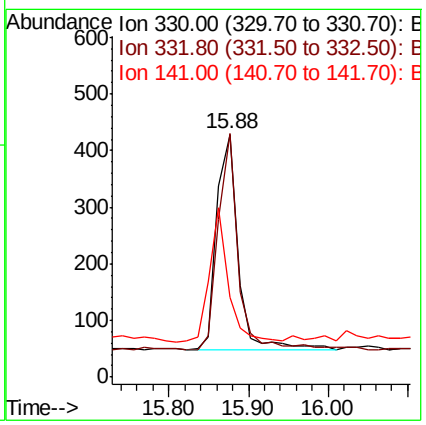
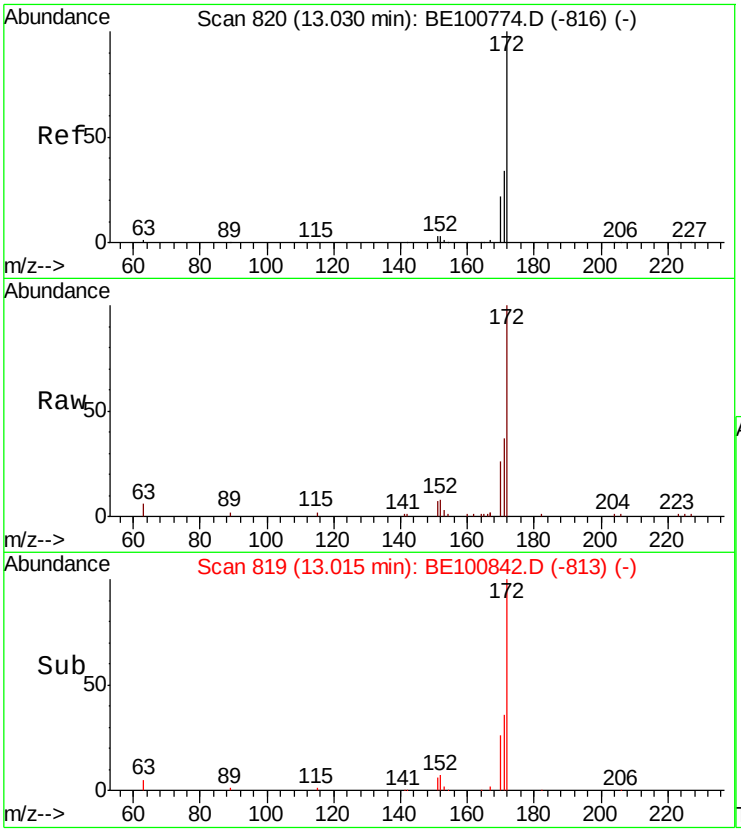


#14
2,4,6-Tribromophenol
Concen: 0.627 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:330 Resp: 725

Ion	Ratio	Lower	Upper
330	100		
332	93.0	69.4	104.2
141	54.2	51.1	76.7

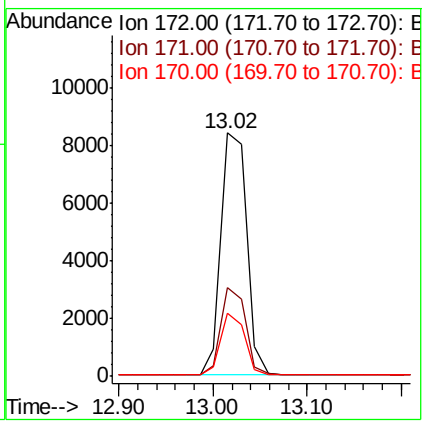




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:172 Resp: 15907

Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.2	40.8
170	26.0	18.0	27.0



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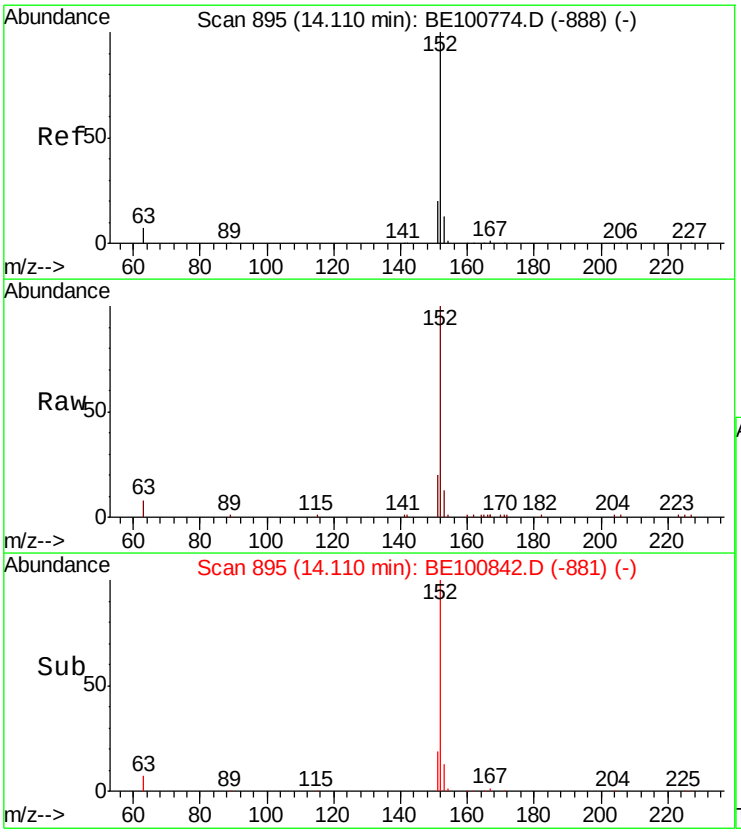
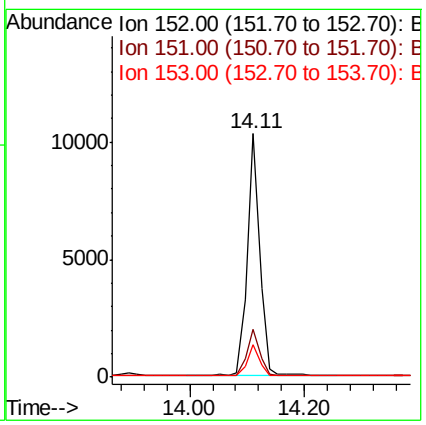
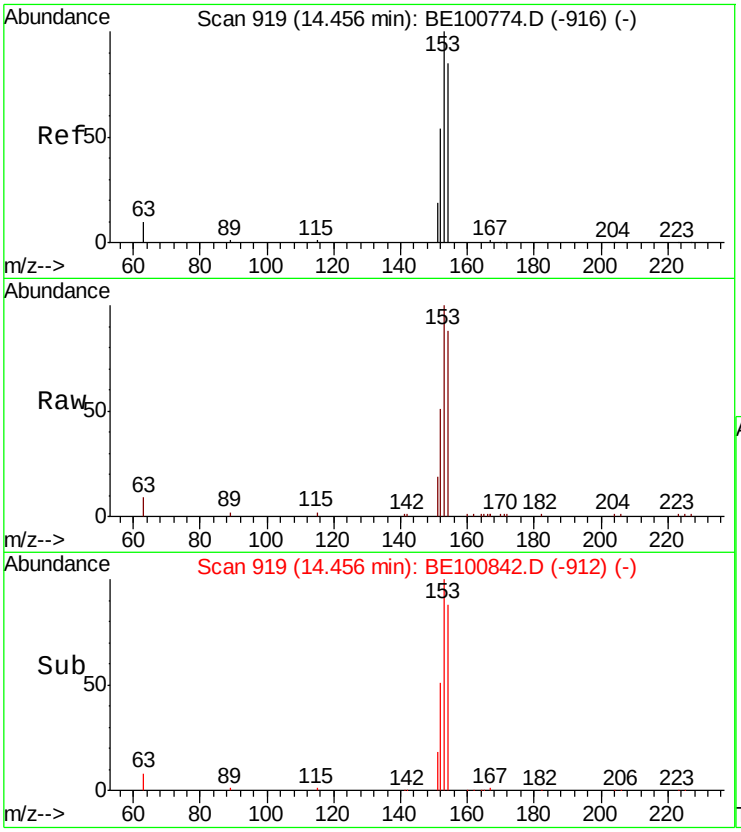


#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:152 Resp: 15565

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.6	10.4	15.6

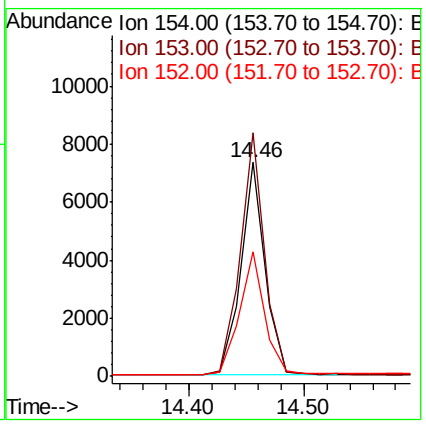




#17
Acenaphthene
Concen: 0.355 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:154 Resp: 10511

Ion	Ratio	Lower	Upper
154	100		
153	114.9	92.2	138.2
152	60.1	49.1	73.7



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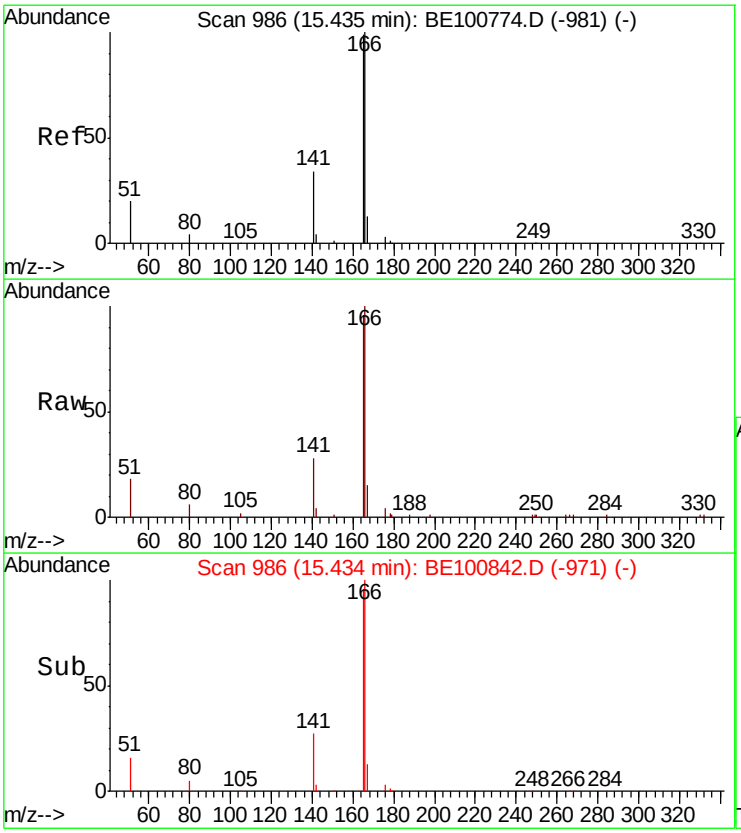
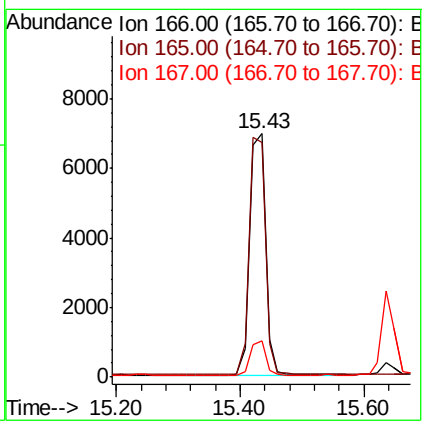
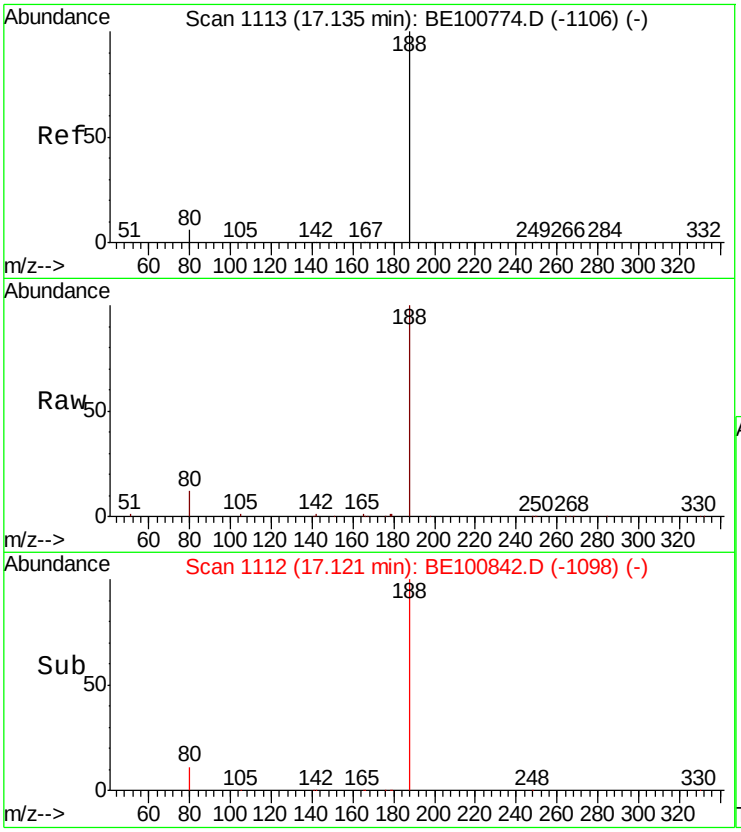


#18
Fluorene
Concen: 0.328 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:166 Resp: 12527

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.5	120.7
167	13.4	10.7	16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:188 Resp: 23201

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	5.2	7.8#

Instrument :
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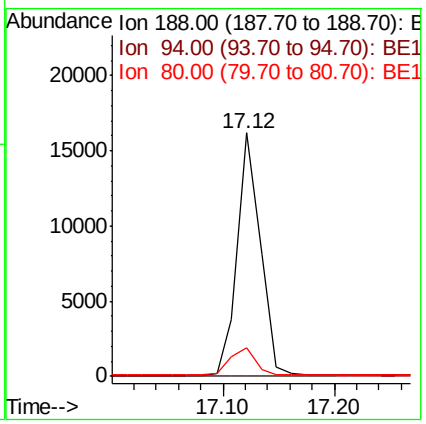
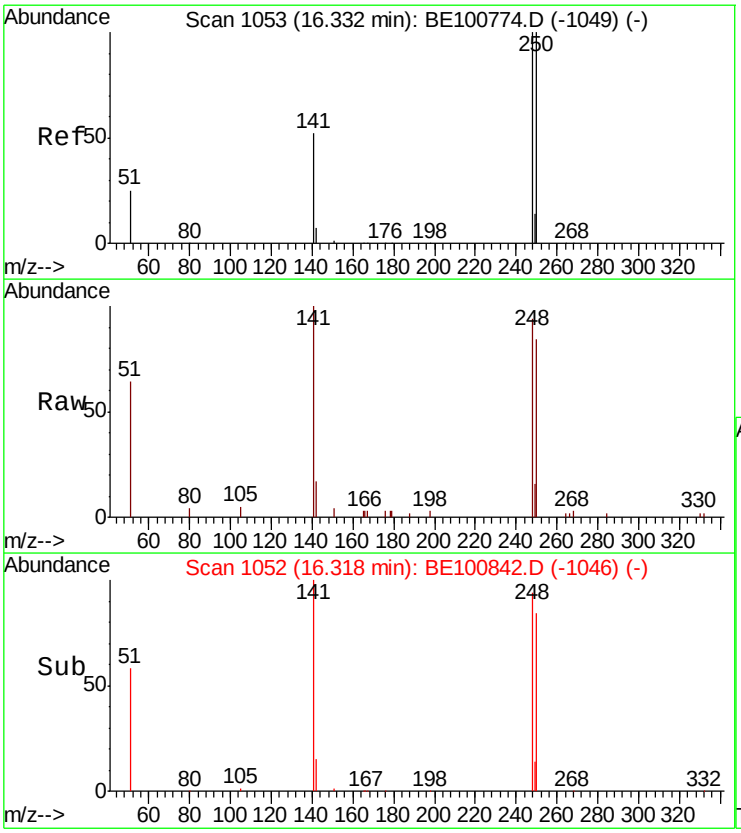
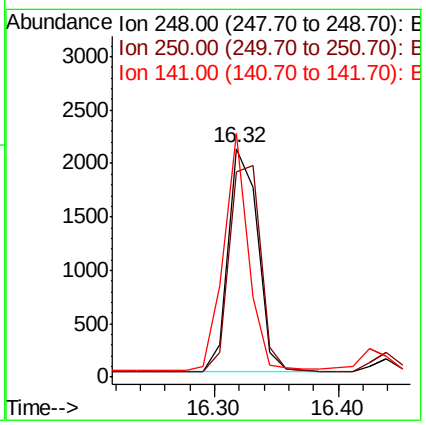


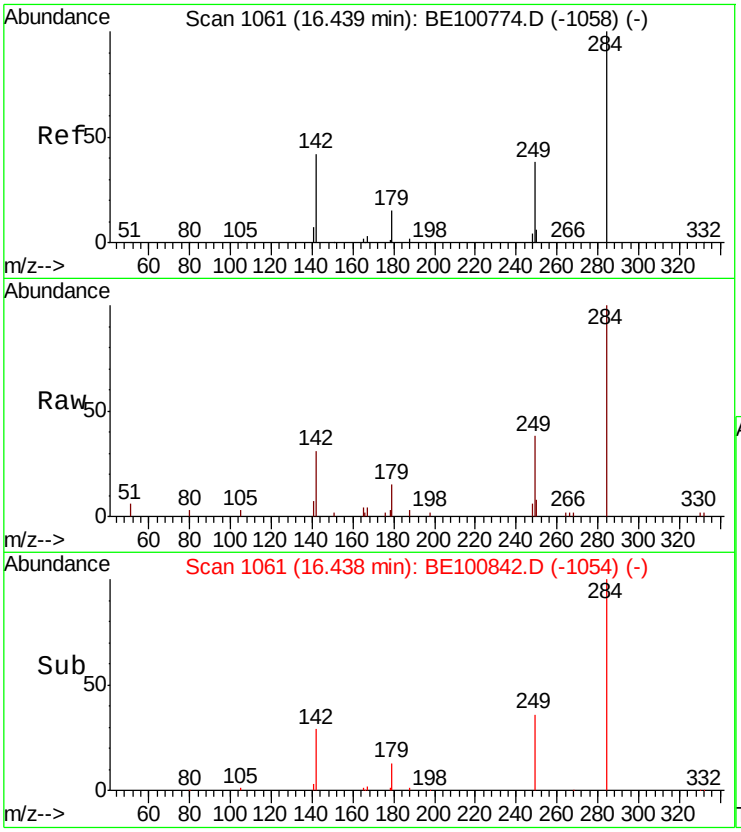


#20
4-Bromophenyl-phenylether
Concen: 0.304 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:248 Resp: 3464

Ion	Ratio	Lower	Upper
248	100		
250	89.9	80.5	120.7
141	106.6	42.6	64.0#

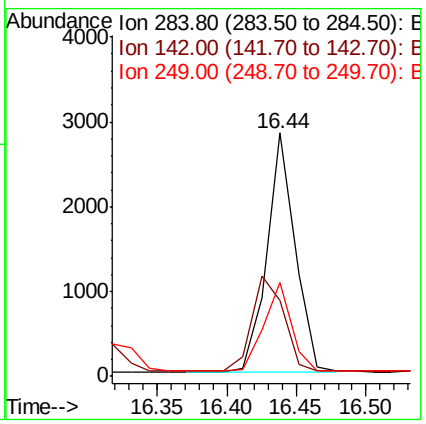




#21
Hexachlorobenzene
Concen: 0.320 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:284 Resp: 3954

Ion	Ratio	Lower	Upper
284	100		
142	45.6	34.4	51.6
249	36.2	28.5	42.7



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ClientSampleId :
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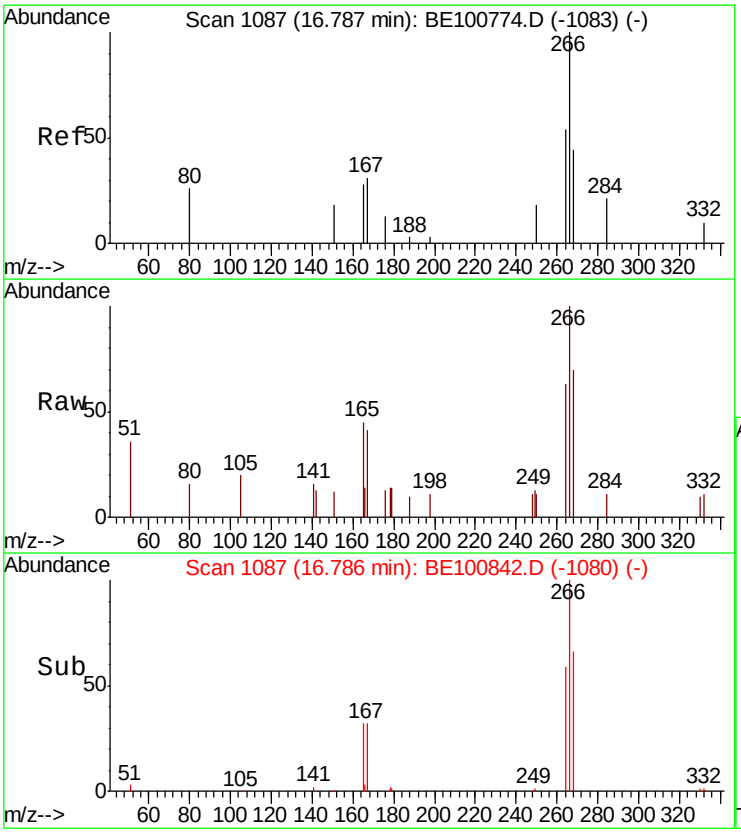
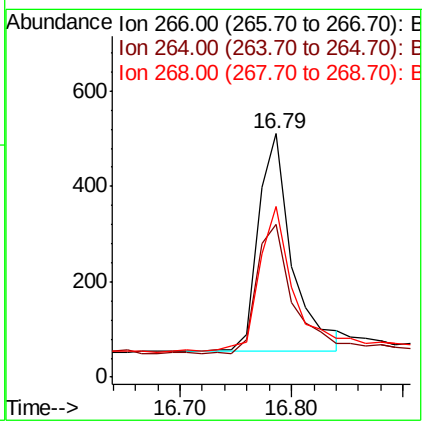
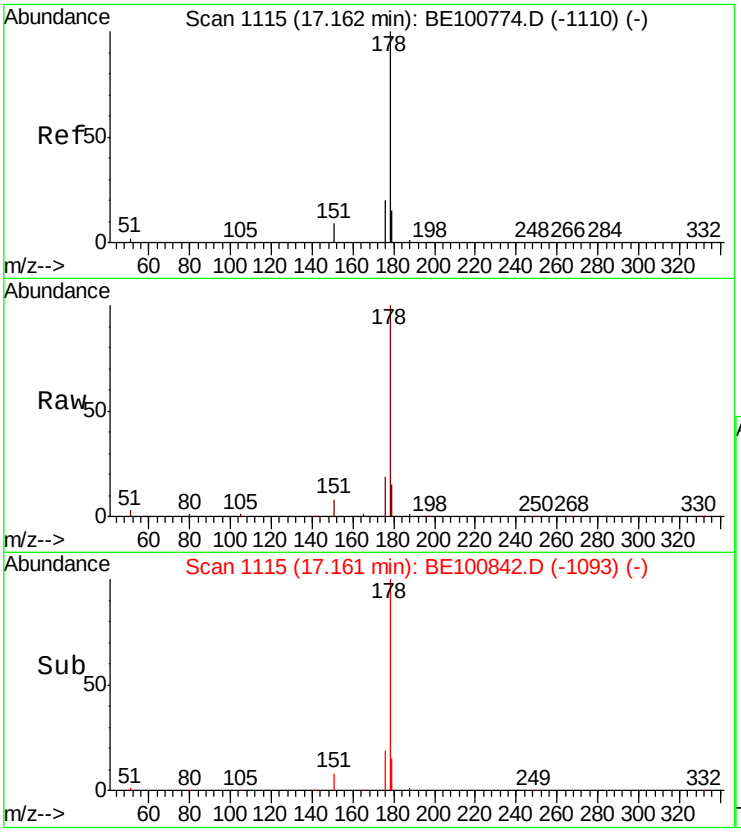


#22
Pentachlorophenol
Concen: 1.126 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:266 Resp: 963

Ion	Ratio	Lower	Upper
266	100		
264	62.8	63.4	95.0#
268	69.9	65.8	98.8

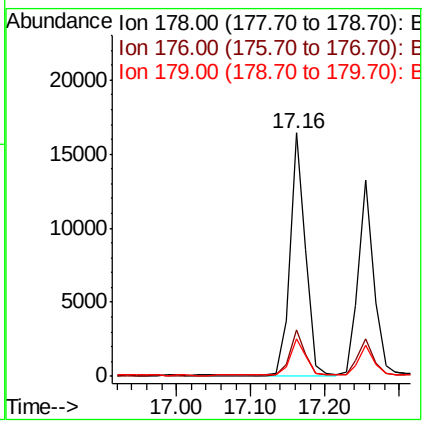




#23
Phenanthrene
Concen: 0.337 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:178 Resp: 23708

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.6	12.3	18.5



Instrument :
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ClientSampleId :
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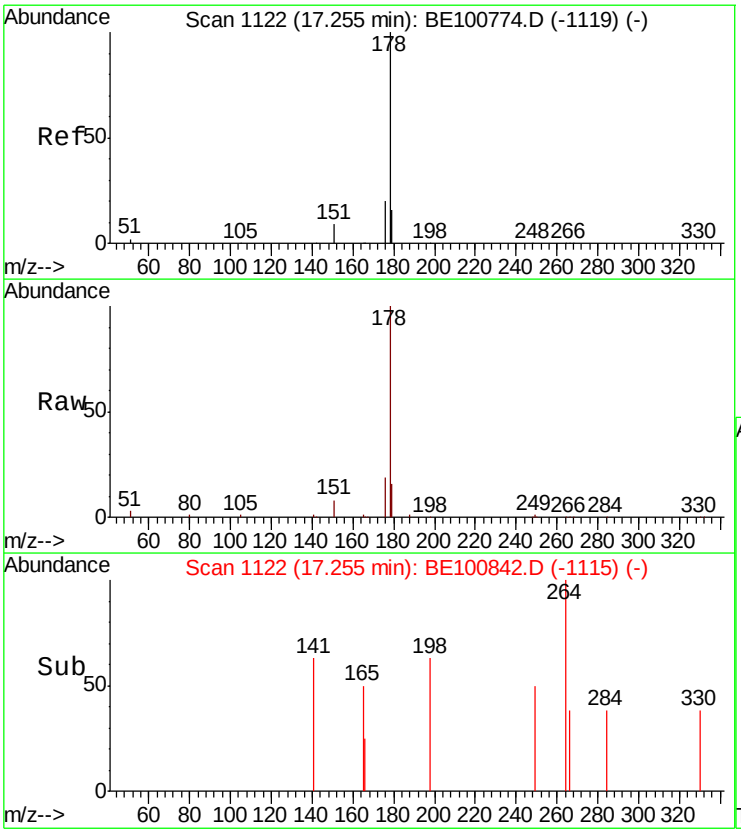
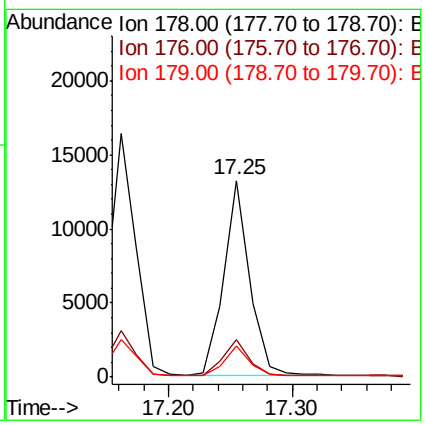
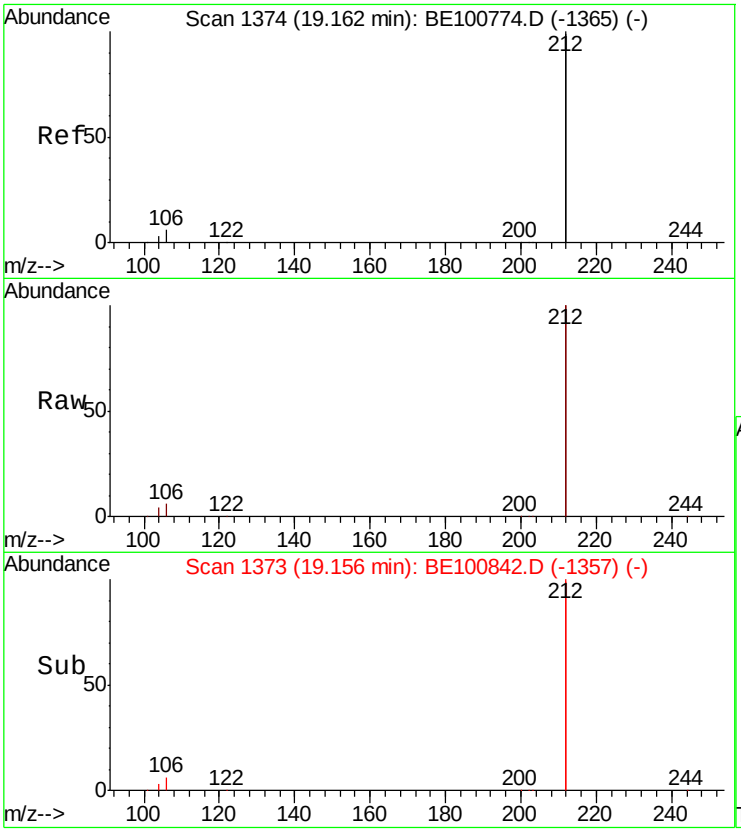


#24
Anthracene
Concen: 0.326 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:178 Resp: 19130

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.6	12.7	19.1





#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:212 Resp: 92366

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.2

Instrument :
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ClientSampleId :
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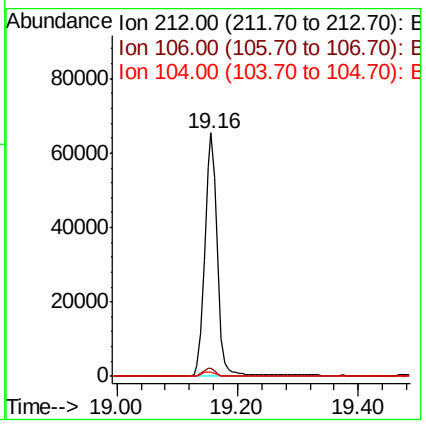
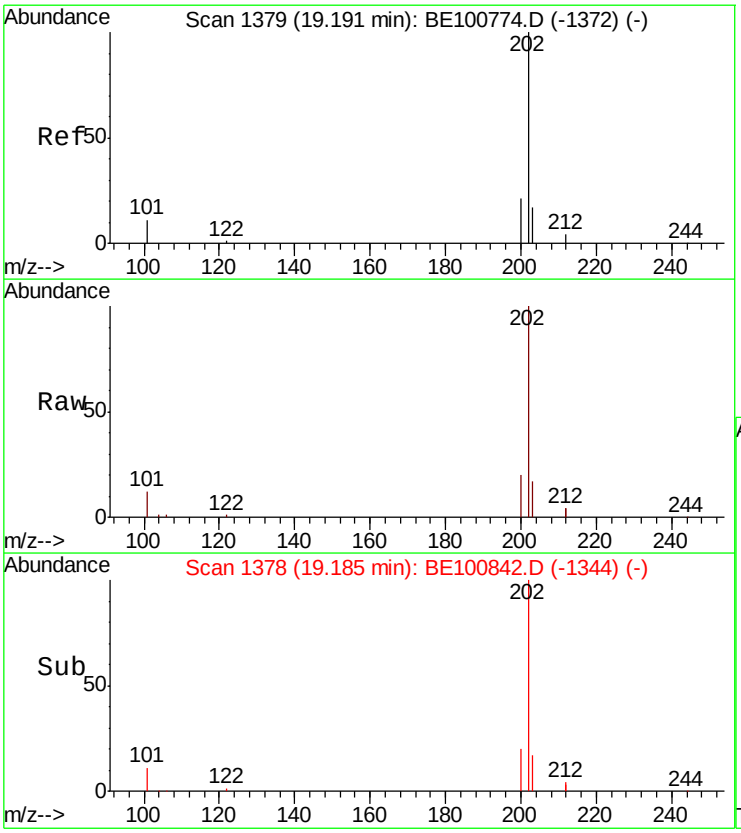
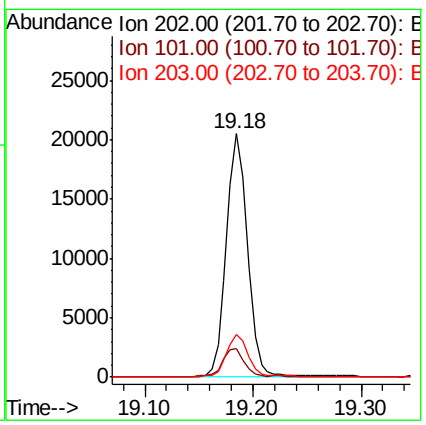


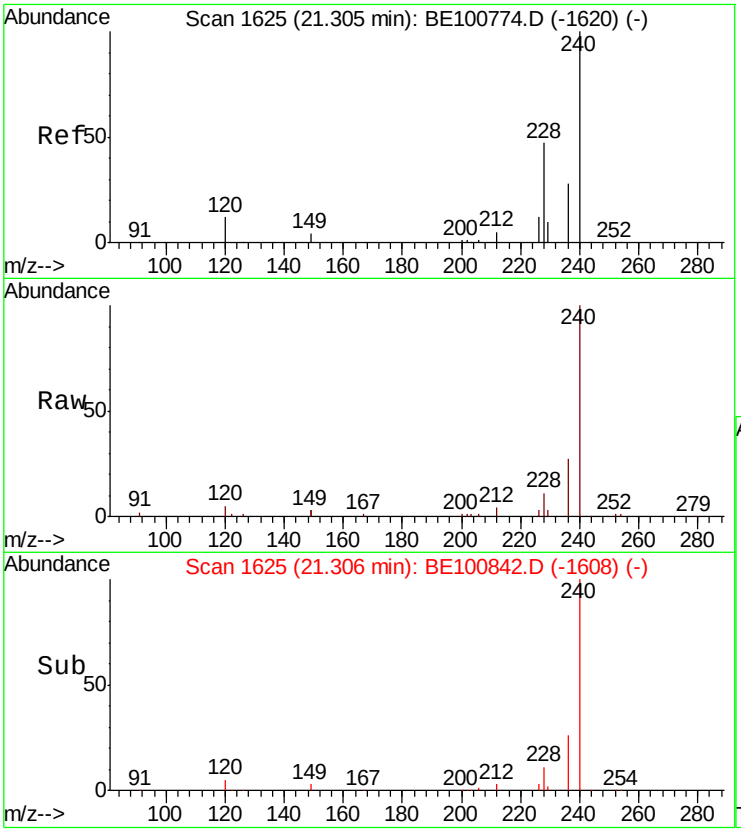


#26
Fluoranthene
Concen: 0.327 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:202 Resp: 27407

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.1	13.7
203	17.1	13.8	20.6

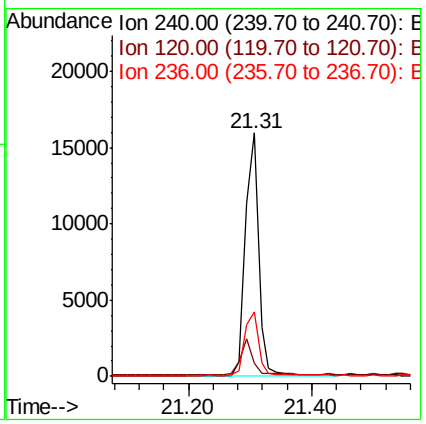




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:240 Resp: 23552

Ion	Ratio	Lower	Upper
240	100		
120	5.5	10.2	15.2#
236	26.5	22.3	33.5



Instrument :
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ClientSampleId :
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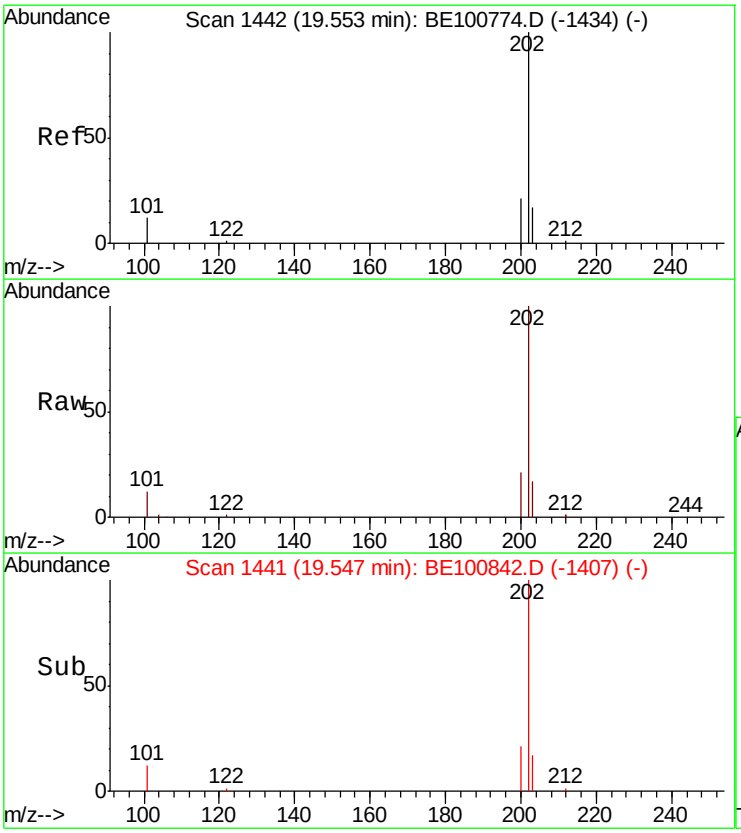
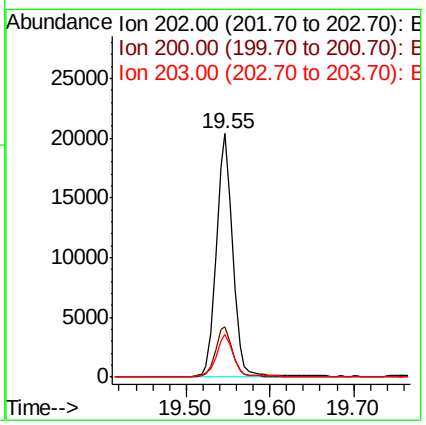
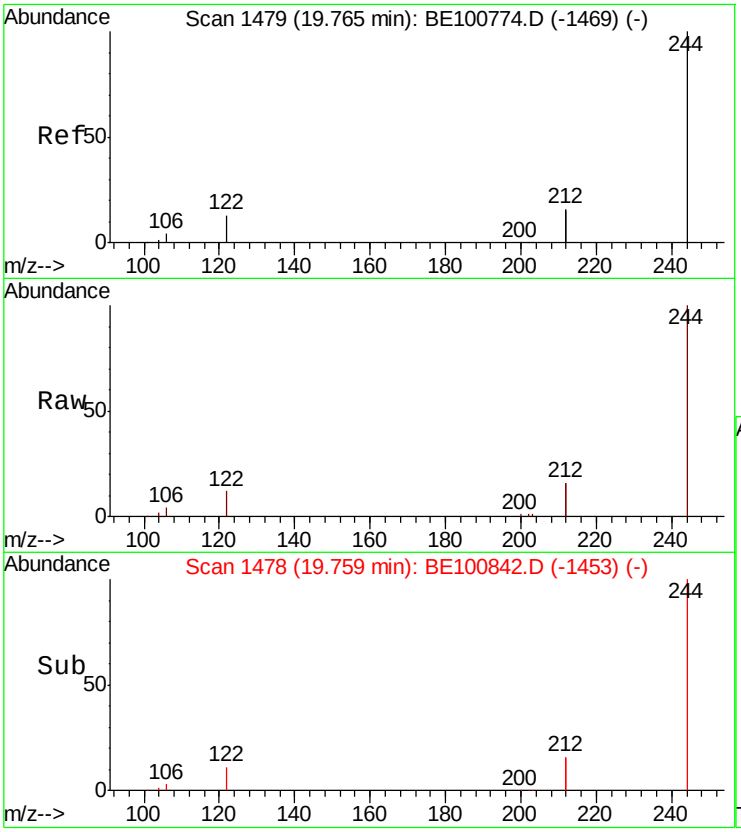


#28
Pyrene
Concen: 0.359 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:202 Resp: 27452

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.7	13.9	20.9

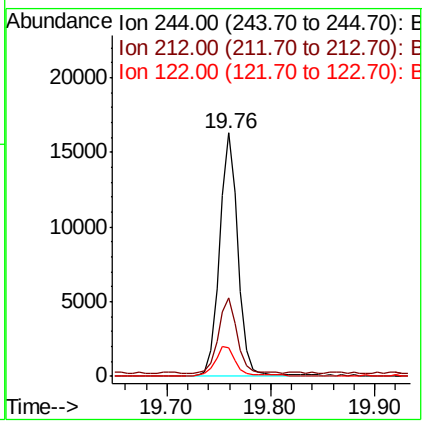




#29
Terphenyl-d14
Concen: 0.347 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:244 Resp: 19593

Ion	Ratio	Lower	Upper
244	100		
212	32.1	26.2	39.4
122	11.8	10.2	15.4



Instrument :
BNA_E
ClientSampleId :
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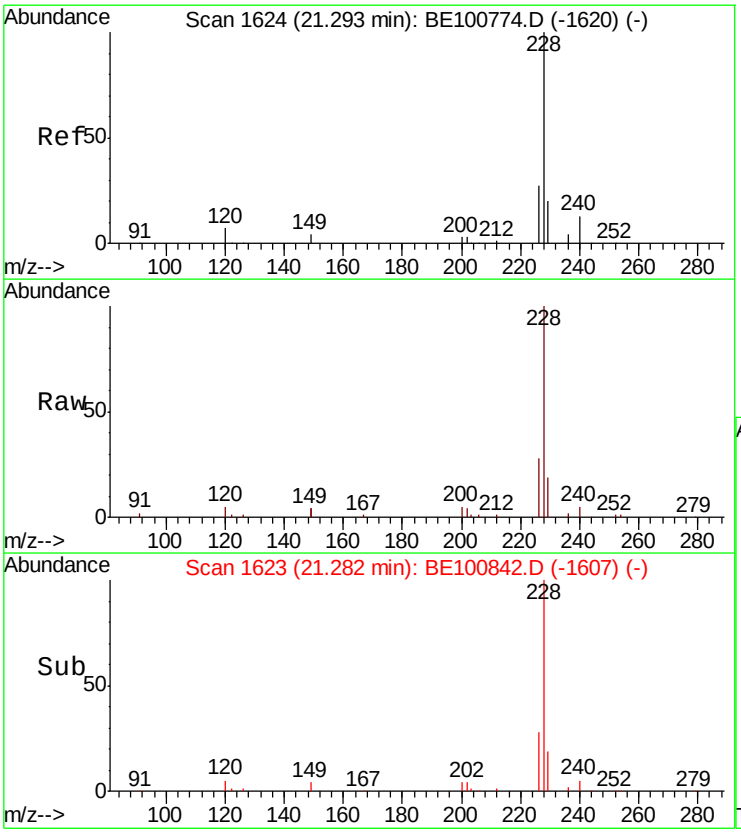
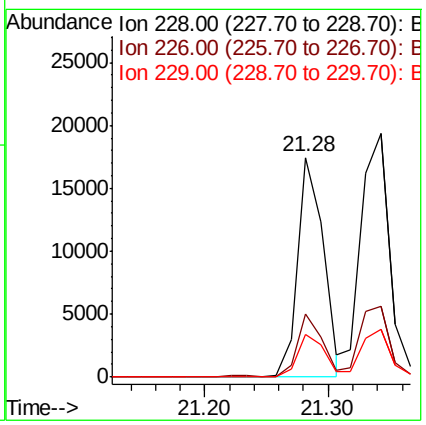
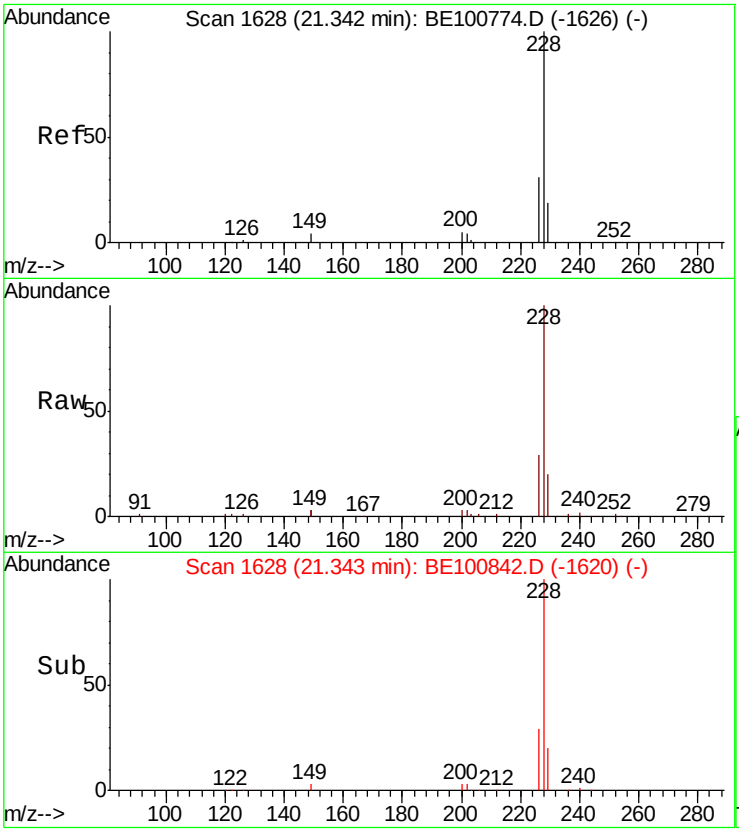


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:228 Resp: 25016

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	19.4	16.0	24.0

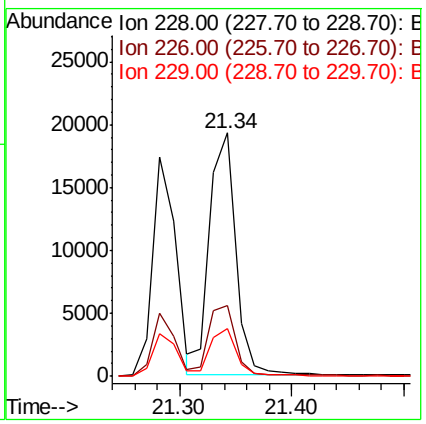




#31
Chrysene
Concen: 0.378 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:228 Resp: 30854

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.4
229	19.8	15.4	23.2



Instrument :
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ClientSampleId :
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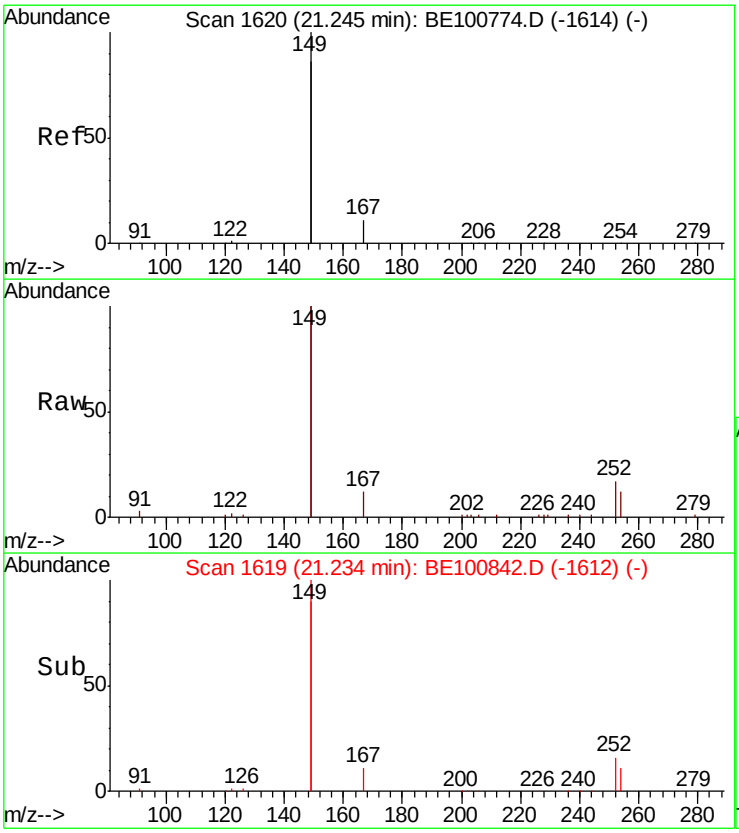
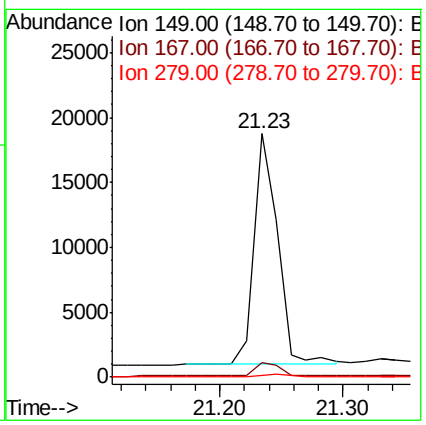
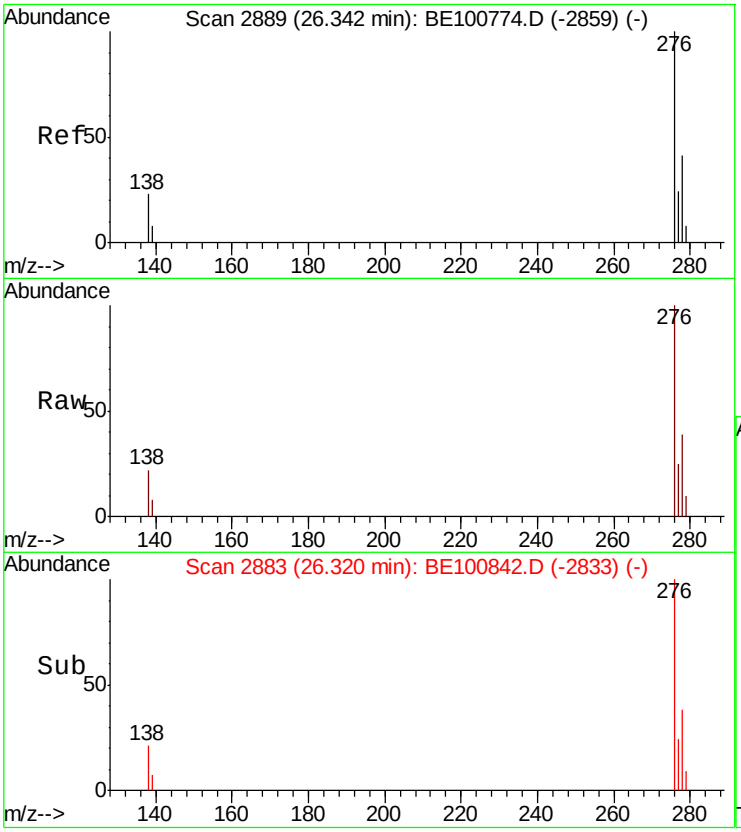


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.485 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:149 Resp: 23649

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	0.9	0.7	1.1

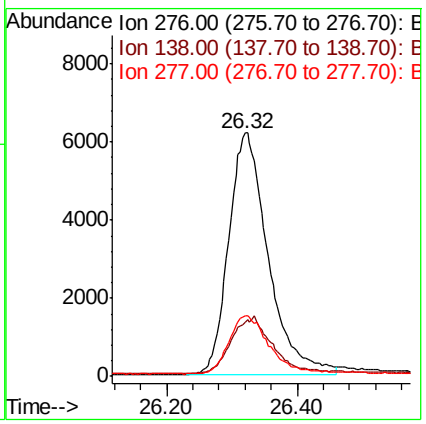




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 26.32 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:276 Resp: 25924

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.4	29.0
277	24.6	19.8	29.6



Instrument :
BNA_E
ClientSampleId :
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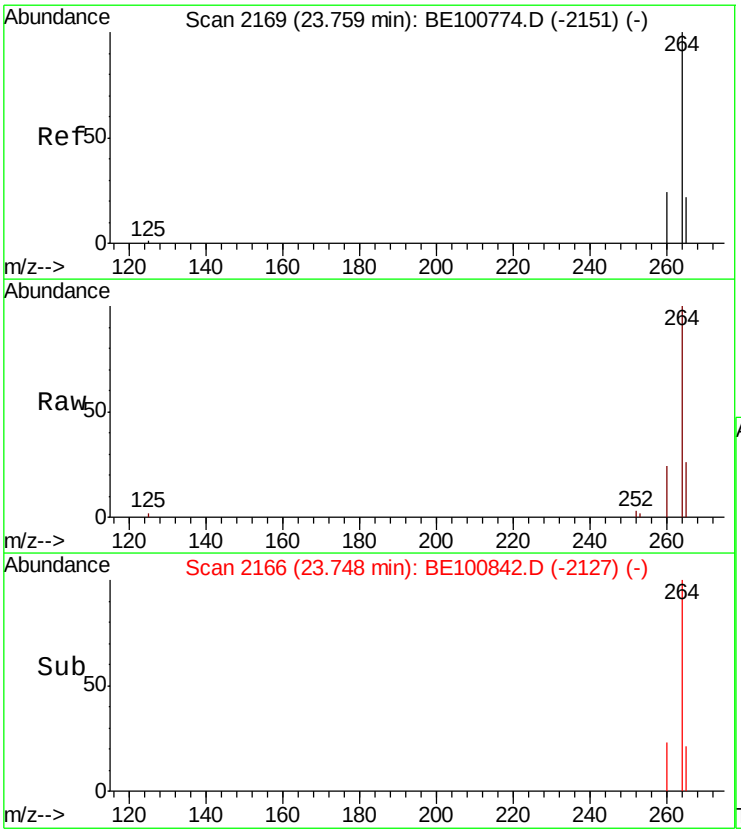
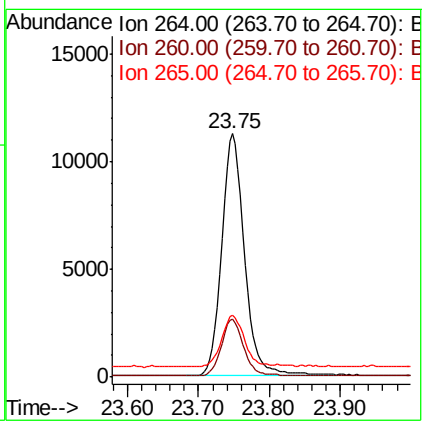
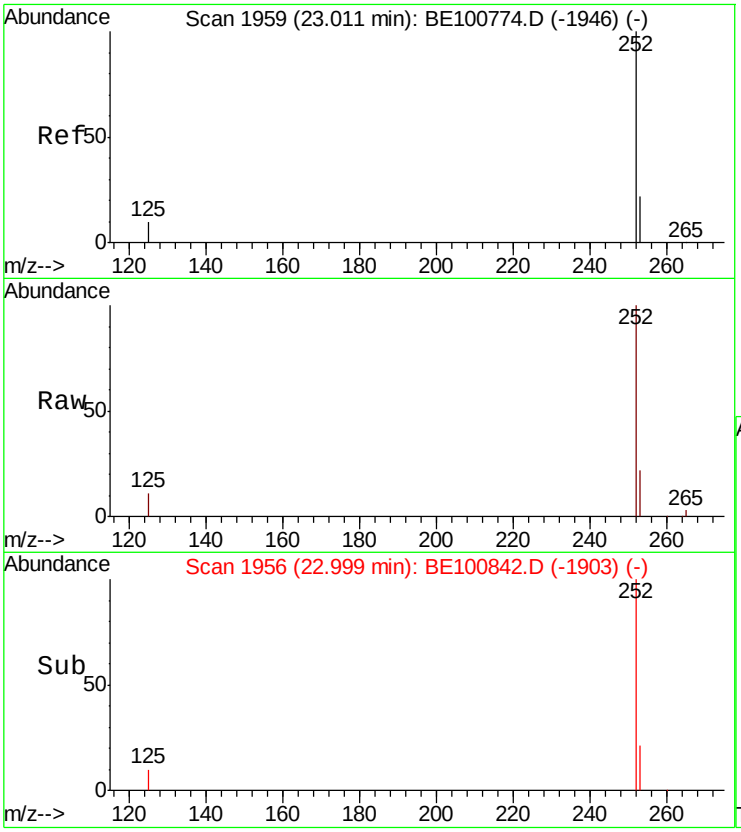


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:264 Resp: 24941

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	25.5	21.8	32.8

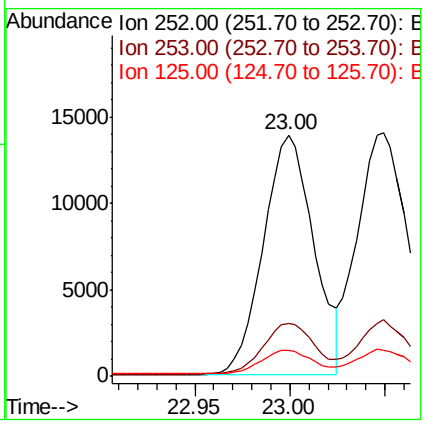




#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:252 Resp: 25624

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	9.0	13.4



Instrument :
BNA_E
ClientSampleId :
PB125330BS

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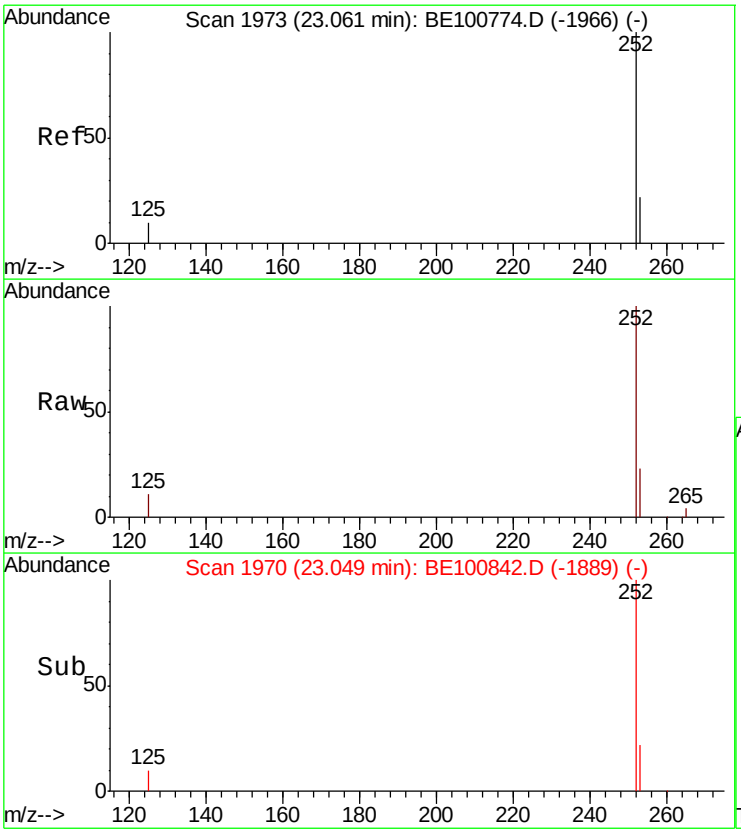
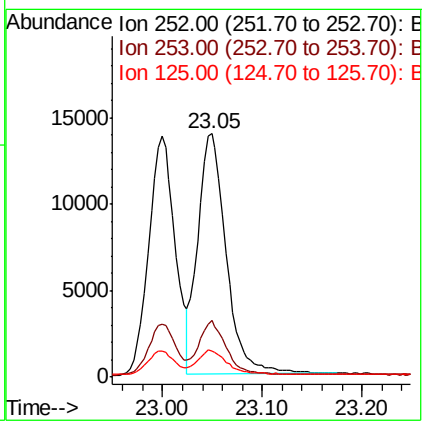
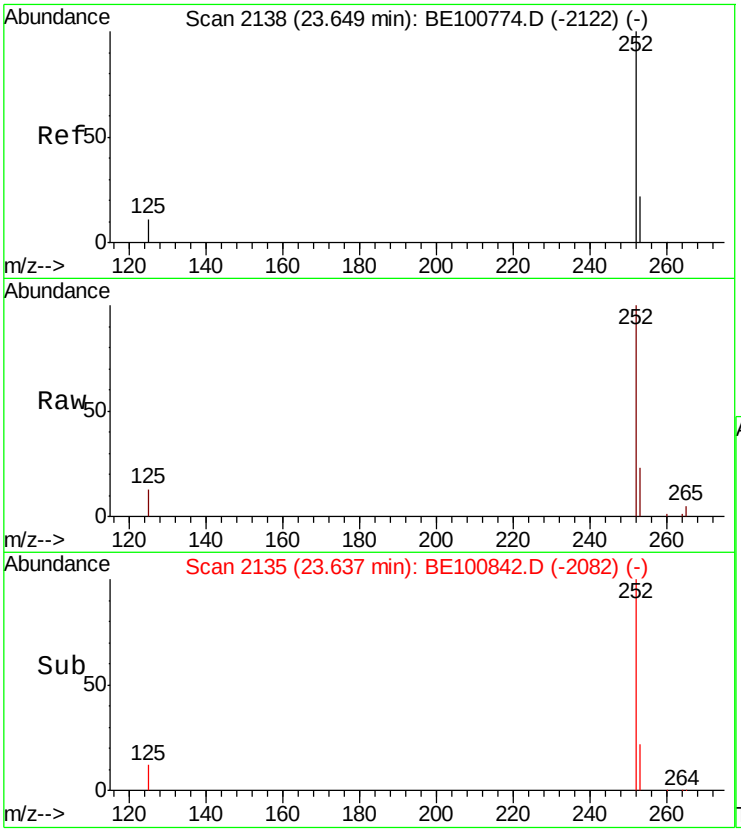


#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 23.05 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:252 Resp: 27695

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.8	8.7	13.1





#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:252 Resp: 22320

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	13.1	10.4	15.6

Instrument :
BNA_E
ClientSampleId :
PB125330BS

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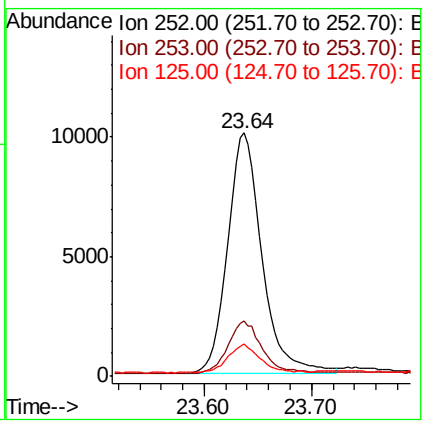
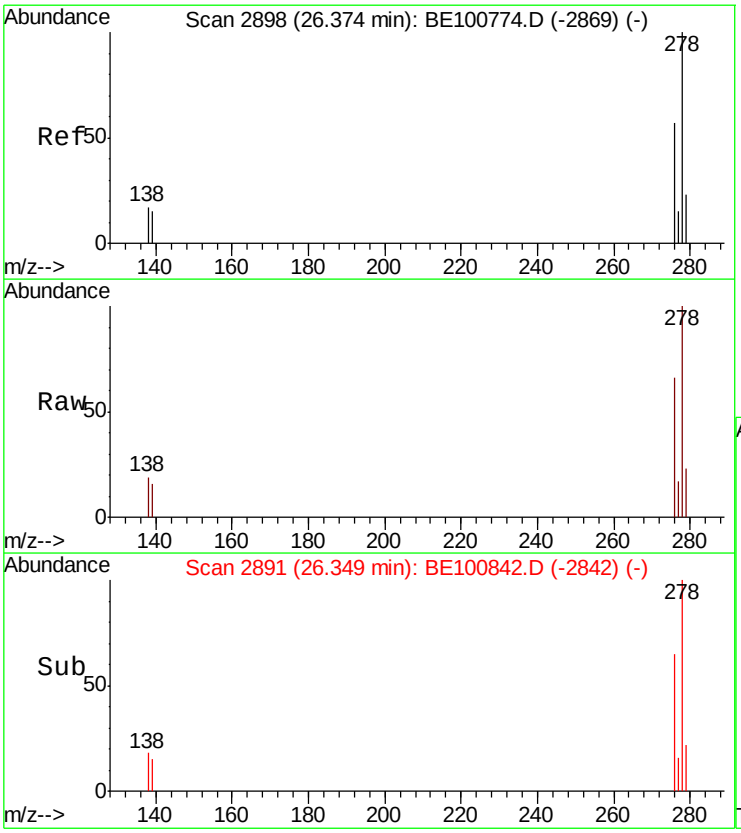
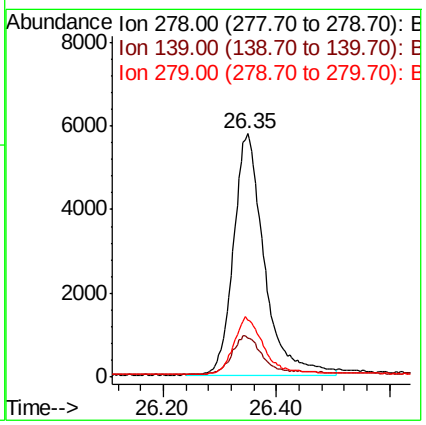


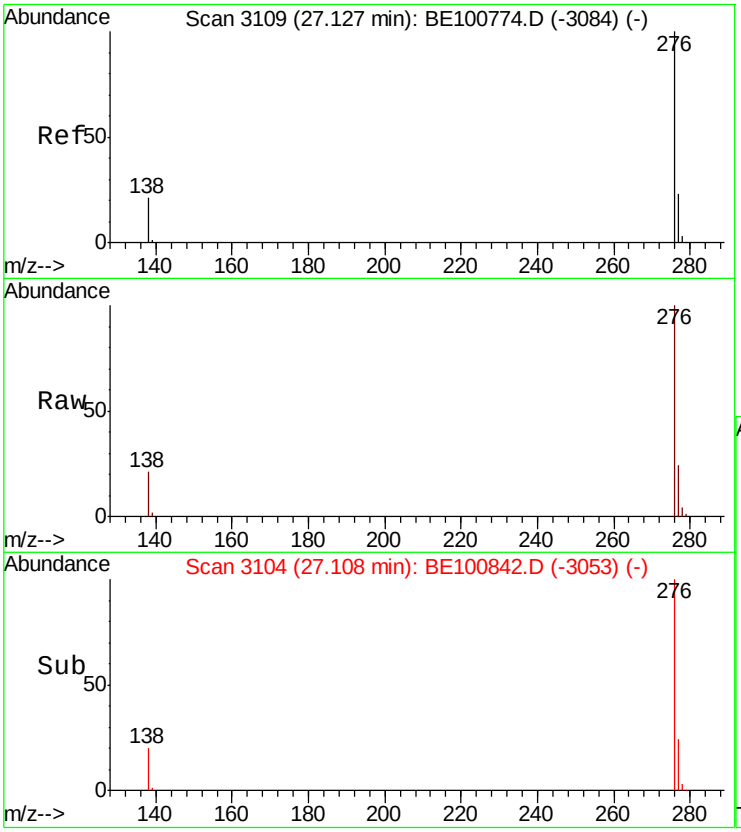


#38
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.03 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:278 Resp: 21603

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	23.3	19.6	29.4

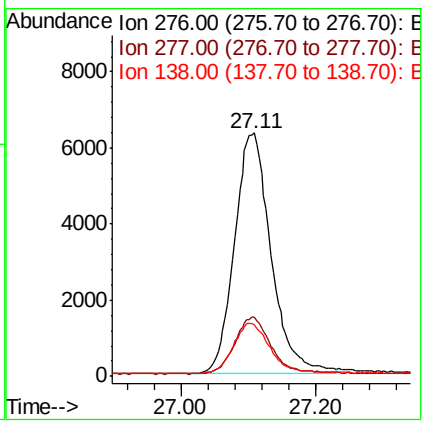




#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 27.11 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BE100842.D
Acq: 11 Dec 2019 11:53

Tgt Ion:276 Resp: 23889

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	21.2	17.8	26.6



Instrument :
BNA_E
ClientSampleId :
PB125330BS

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