

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113463.D
 Acq On : 1 Apr 2019 13:40
 Operator : JU/SJ
 Sample : K2115-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Manual Integrations
 APPROVED

Sohil
 4/5/2019 5:39:15 AM

Quant Time: Apr 05 05:14:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136645	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	153037	20.00	ng	0.02
39) Acenaphthene-d10	9.74	164	236980	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	328382	20.00	ng	0.00
76) Chrysene-d12	13.85	240	353281	20.00	ng	0.00
87) Perylene-d12	15.25	264	387067	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	423028	50.62	ng	0.02
7) Phenol-d6	6.37	99	310618	29.38	ng	0.01
23) Nitrobenzene-d5	7.28	82	621279	240.96	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	273086	93.29	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1094575	69.09	ng	0.00
79) Terphenyl-d14	12.80	244	927127	57.84	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.12	79	74459	7.123	ng	98
6) Aniline	6.38	93	235298m	18.277	ng	
10) Phenol	6.39	94	76719	6.357	ng	# 61
17) 2-Methylphenol	6.98	107	93622m	12.310	ng	
20) 3+4-Methylphenols	7.15	107	301248	32.386	ng	# 86
27) 2,4-Dimethylphenol	7.71	122	433389	211.845	ng	97
31) Naphthalene	8.13	128	27245512m	3643.155	ng	
37) 2-Methylnaphthalene	8.73	142	3526959	755.826	ng	96
38) 1-Methylnaphthalene	8.83	142	3307302m	736.857	ng	
46) 1,1'-Biphenyl	9.17	154	1163448	58.782	ng	100
49) Acenaphthylene	9.60	152	135583	5.502	ng	# 88
50) Dimethylphthalate	9.47	163	53371	3.039	ng	# 94
52) Acenaphthene	9.79	154	1844638	132.935	ng	99
55) Dibenzofuran	9.96	168	2115276	101.400	ng	98
58) Fluorene	10.29	166	938355	57.903	ng	99
71) Phenanthrene	11.25	178	1018501	62.456	ng	100
72) Anthracene	11.30	178	71540	4.319	ng	96
73) Carbazole	11.46	167	922950	58.393	ng	99
75) Fluoranthene	12.43	202	41103	2.230	ng	97

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

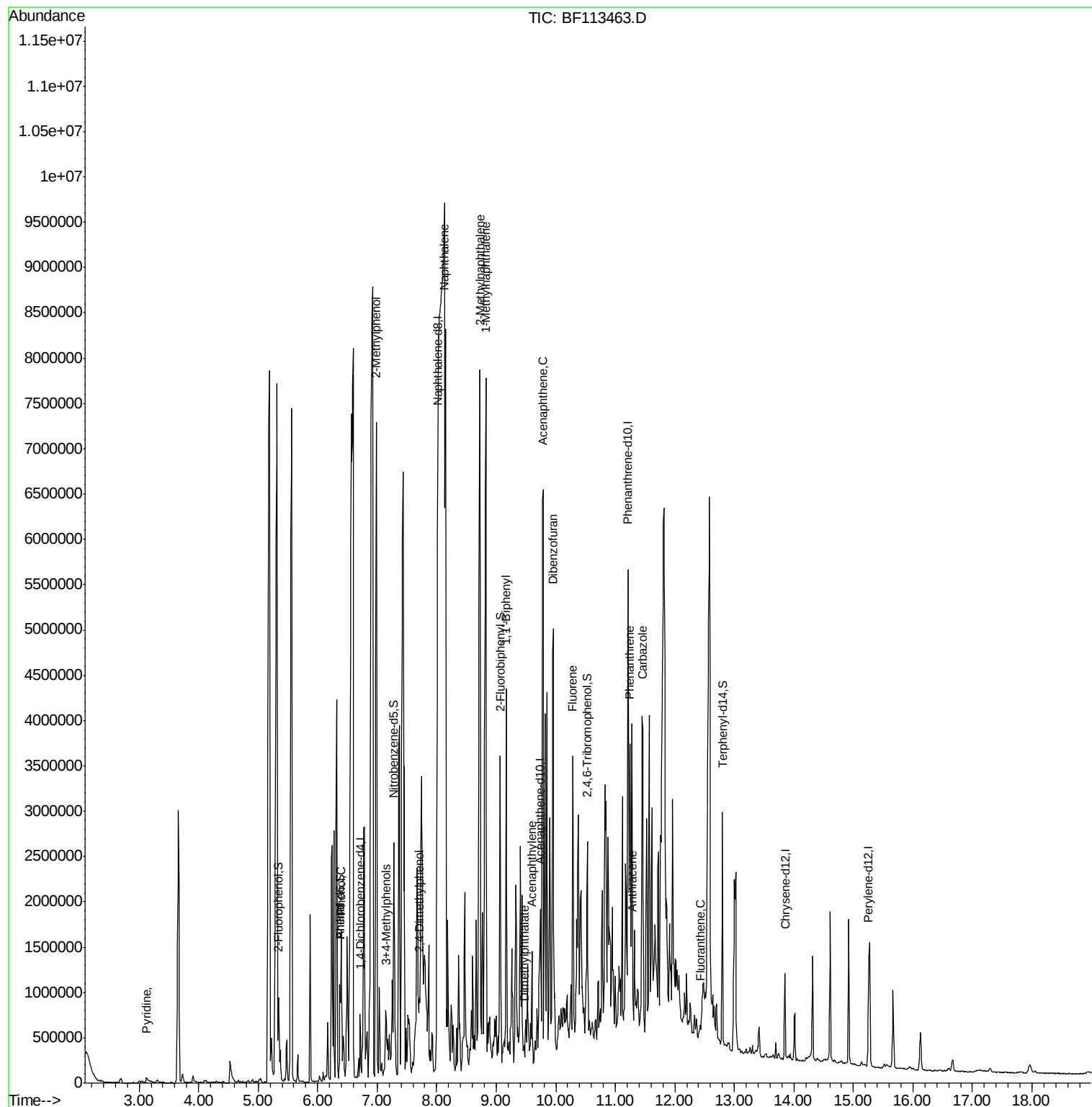
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
Data File : BF113463.D
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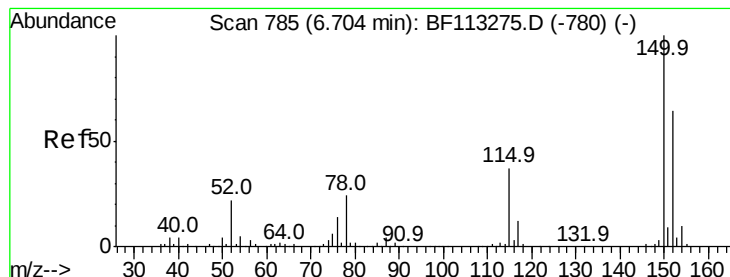
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QNWP8-MW30D-GW

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#1

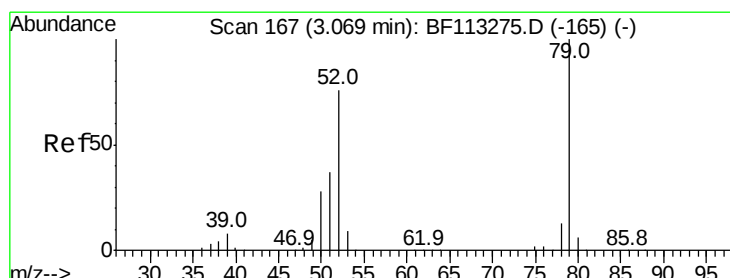
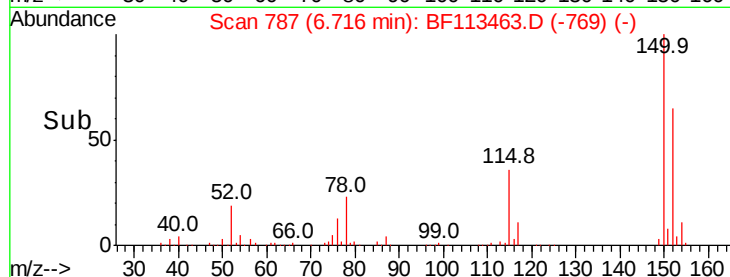
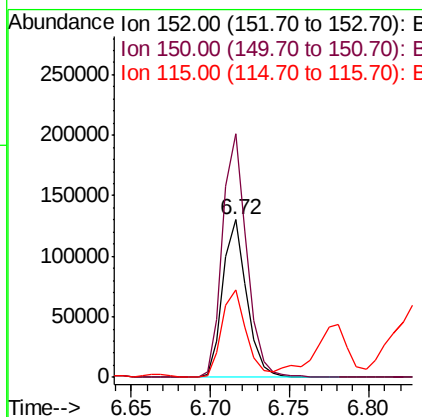
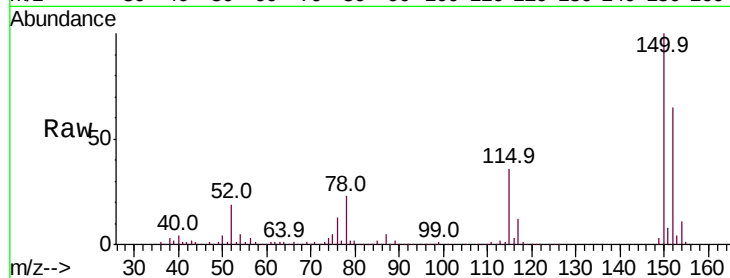
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.6	185.4
115	56.0	45.8	68.6

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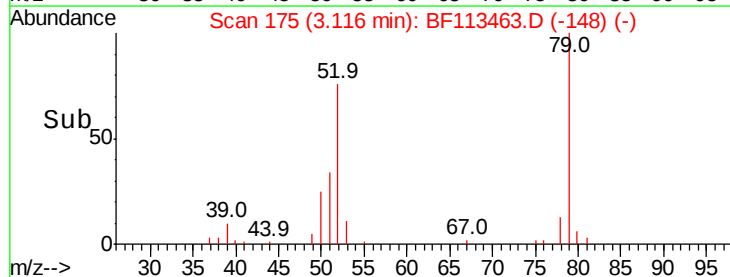
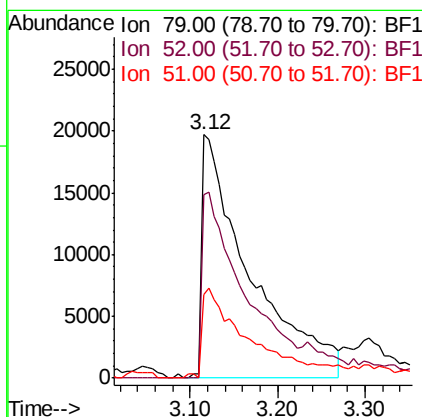
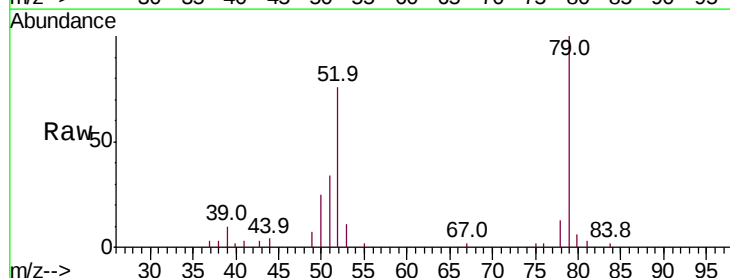
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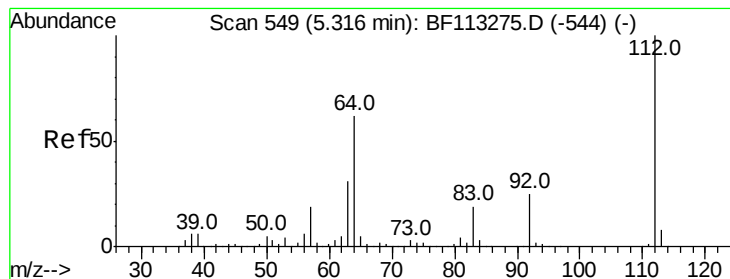


#3

Pyridine
Concen: 7.123 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.06 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
79	100		
52	75.5	61.4	92.2
51	34.2	29.4	44.2





#5

2-Fluorophenol

Concen: 50.620 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Instrument :

BNA_F

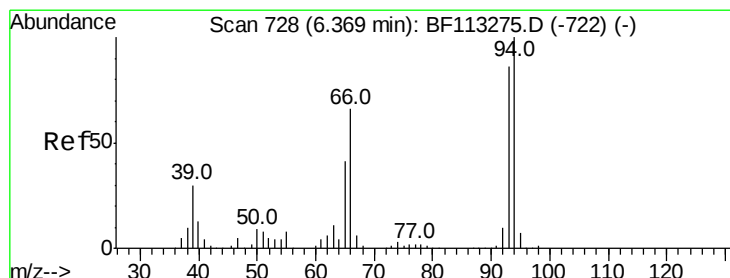
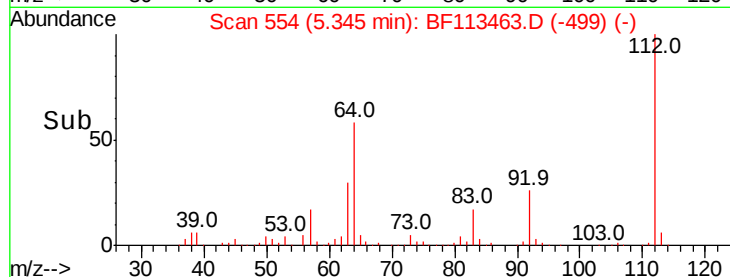
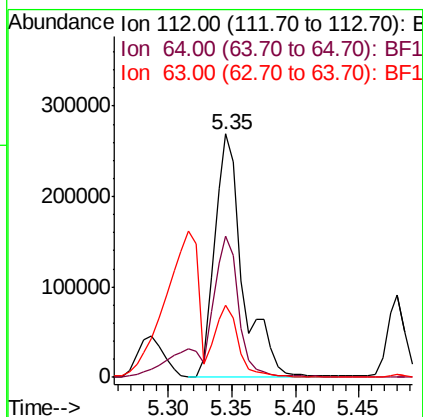
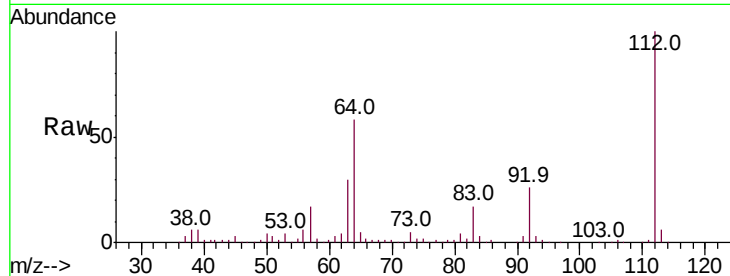
ClientSampleId :

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Tot Ion:	112	Resp:	423028
Ion Ratio	Lower	Upper	
112	100		
64	58.2	47.7	71.5
63	29.7	23.8	35.6

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#6

Aniline

Concen: 18.277 ng m

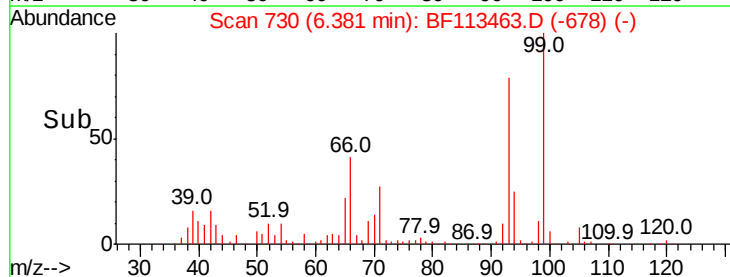
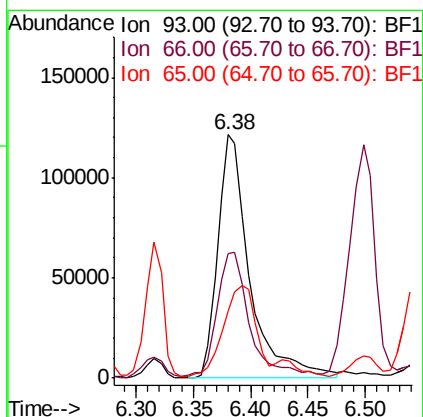
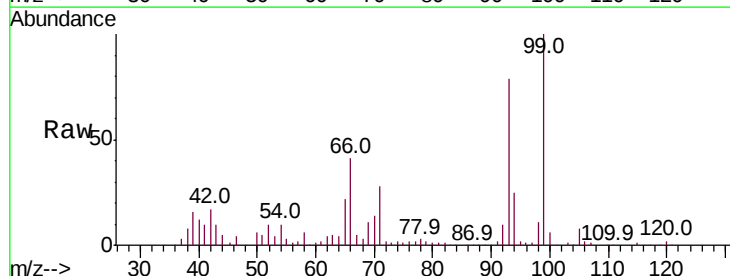
RT: 6.38 min Scan# 730

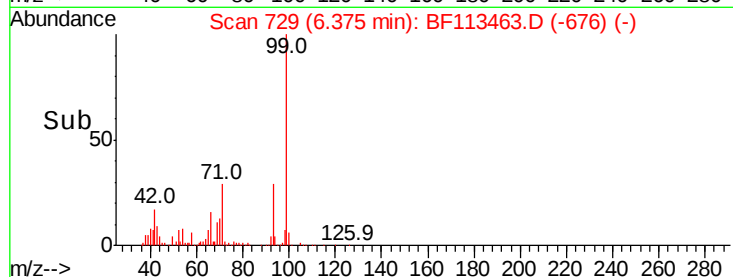
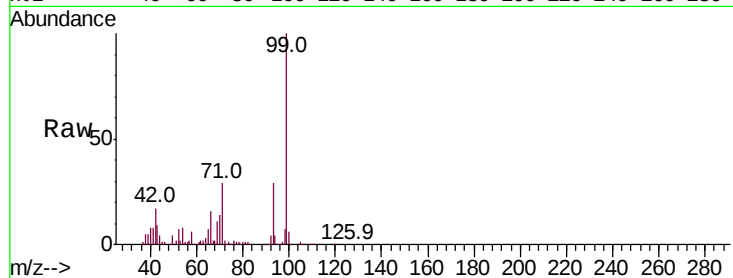
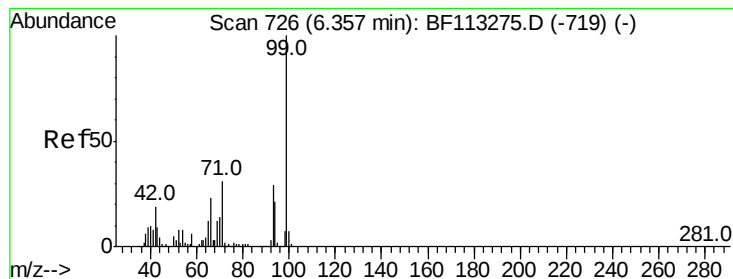
Delta R.T. 0.01 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Tgt Ion:	93	Resp:	235298
Ion Ratio	Lower	Upper	
93	100		
66	51.1	59.8	89.6#
65	27.6	37.4	56.2#





#7

Phenol-d6

Concen: 29.381 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Tot Ion:	99	Resp:	310618
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.4	21.6
71	29.2	25.0	37.6

Instrument :

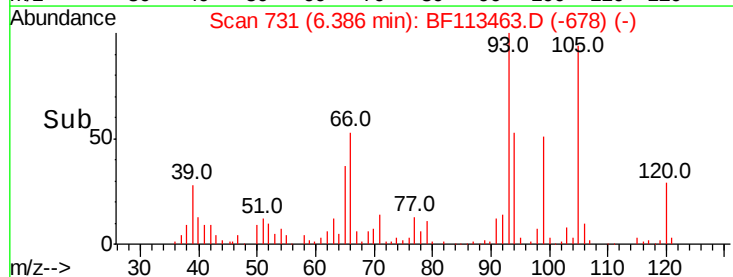
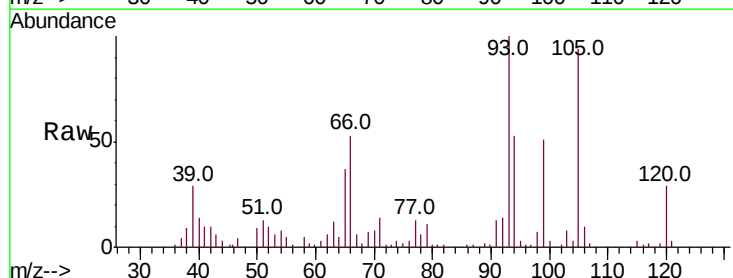
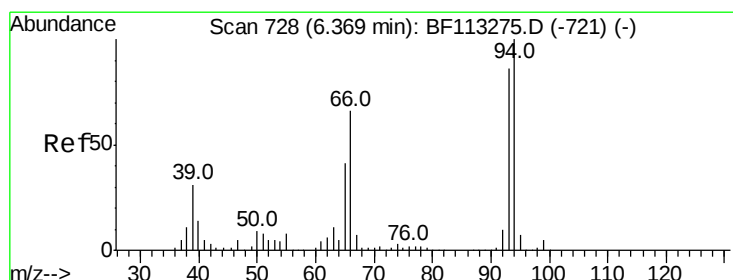
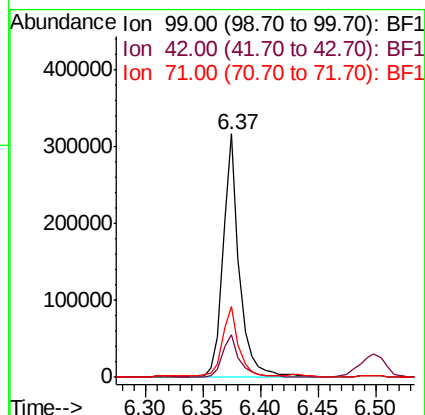
BNA_F

ClientSampleId :

QNWP8-MW30D-GW

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#10

Phenol

Concen: 6.357 ng

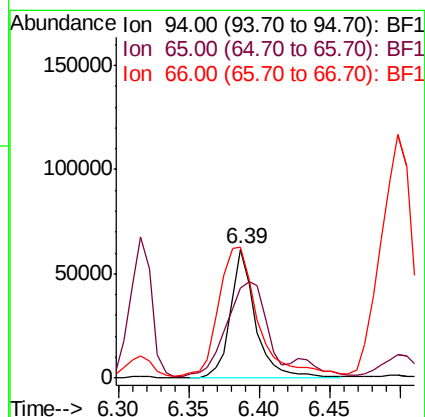
RT: 6.39 min Scan# 731

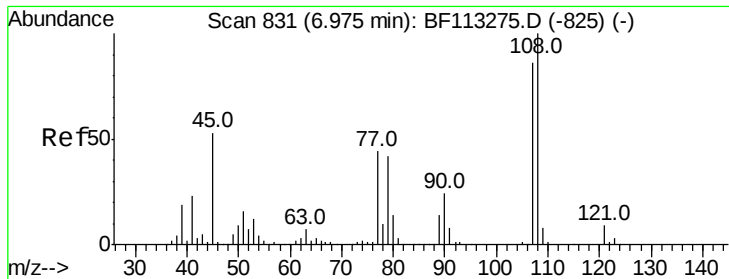
Delta R.T. 0.01 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Tgt Ion:	94	Resp:	76719
Ion Ratio	Lower	Upper	
94	100		
65	69.5	23.7	63.7#
66	101.3	49.7	89.7#





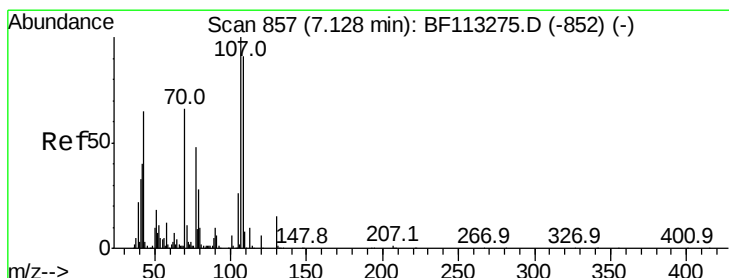
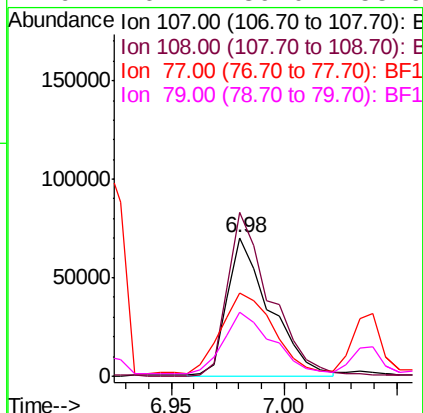
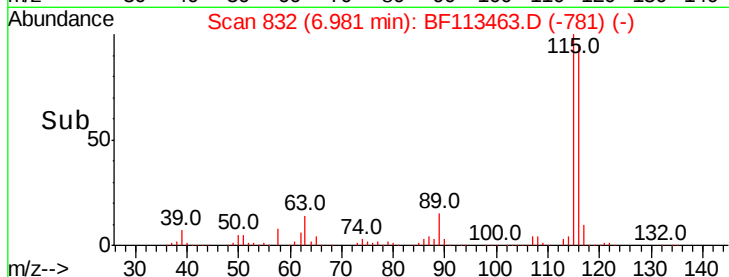
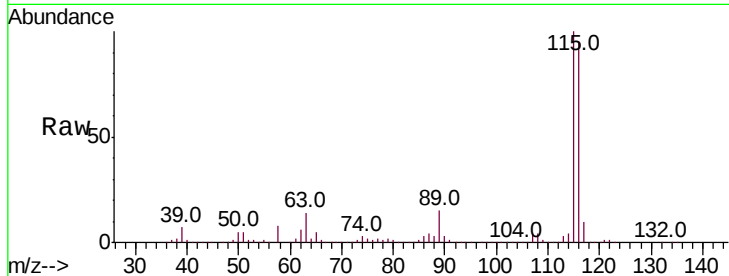
#17
2-Methylphenol
Concen: 12.310 ng m
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:	107	Resp:	93622
Ion Ratio	Lower	Upper	
107	100		
108	118.8	91.8	137.6
77	60.4	41.4	62.2
79	46.4	39.0	58.6

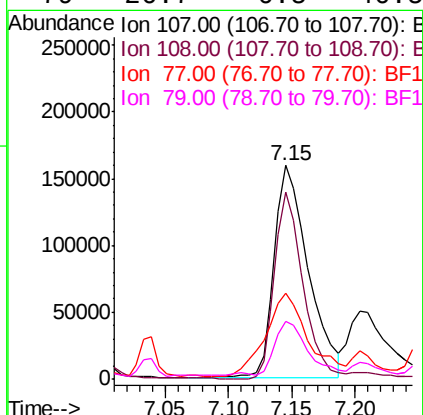
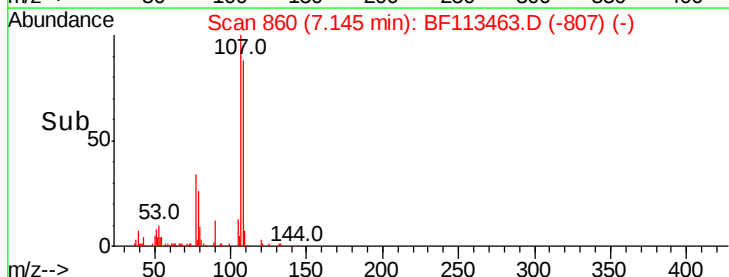
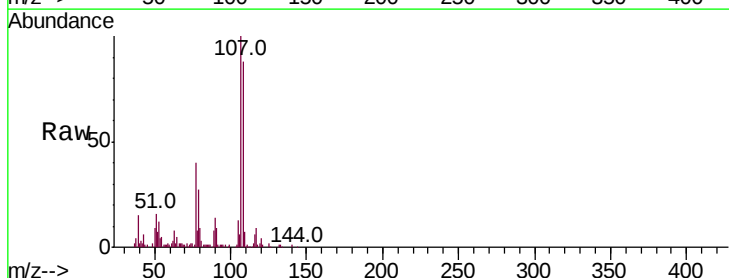
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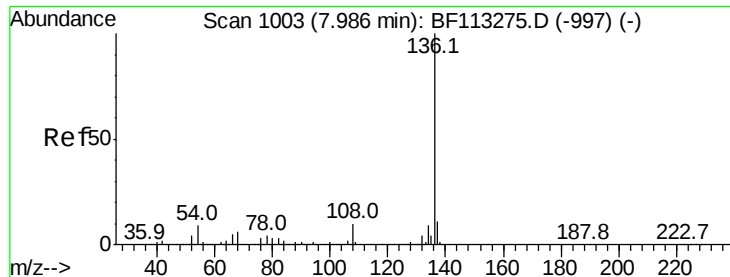
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#20
3+4-Methylphenols
Concen: 32.386 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Tgt Ion:	107	Resp:	301248
Ion Ratio	Lower	Upper	
107	100		
108	87.7	68.7	108.7
77	40.0	49.3	89.3#
79	26.7	6.5	46.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Instrument :

BNA_F

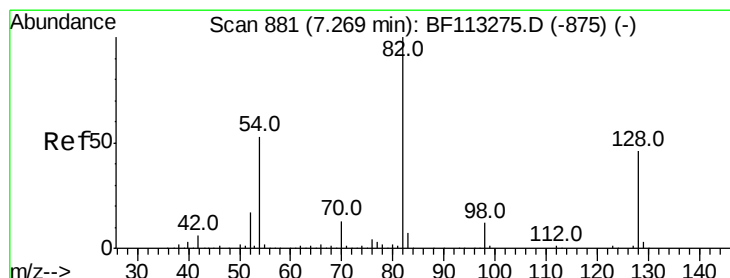
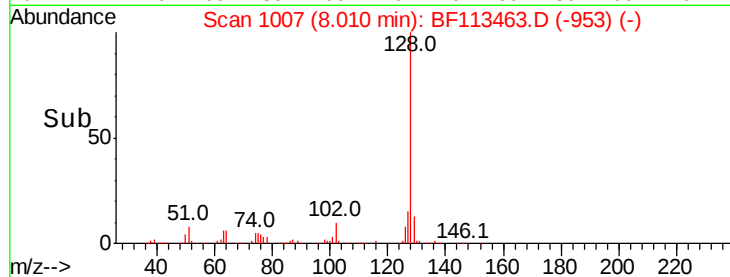
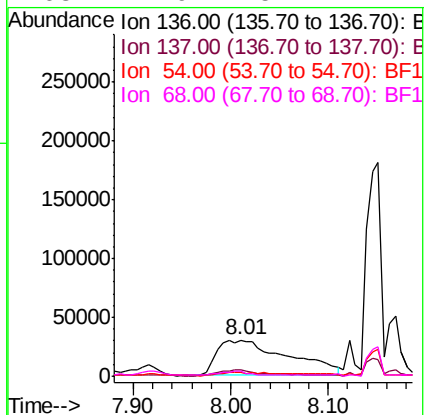
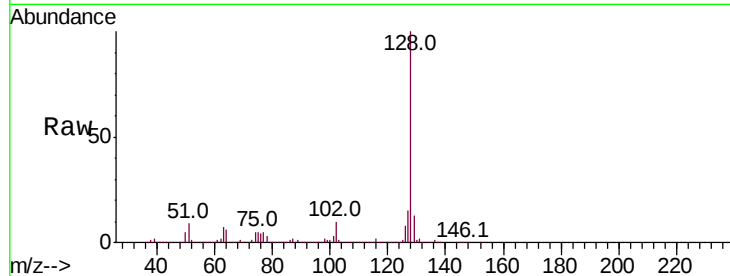
ClientSampleId :

QNWP8-MW30D-GW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	16.9	9.1	13.7#		
54	10.0	6.9	10.3		
68	12.9	5.1	7.7#		

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#23

Nitrobenzene-d5

Concen: 240.958 ng

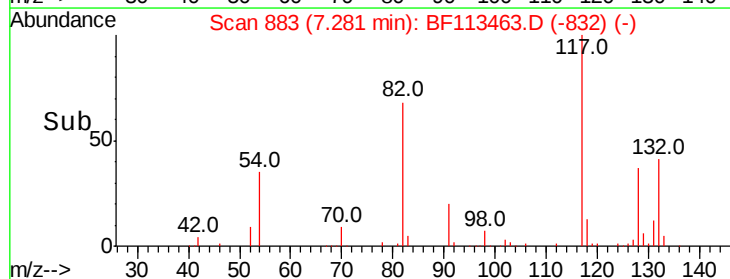
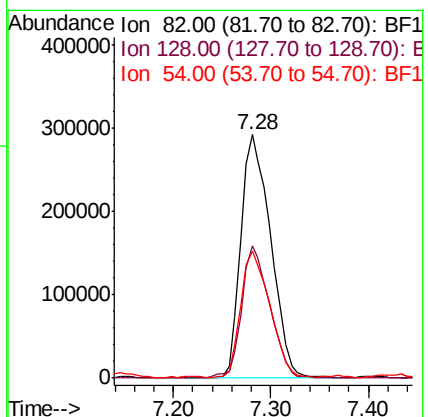
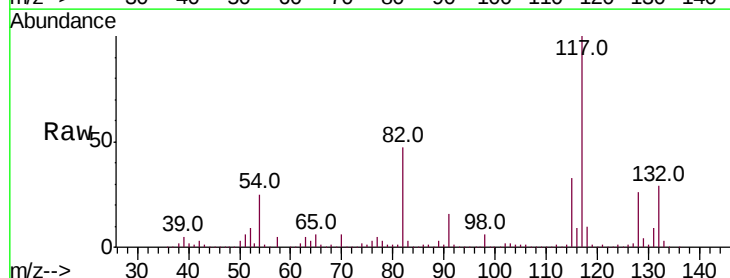
RT: 7.28 min Scan# 883

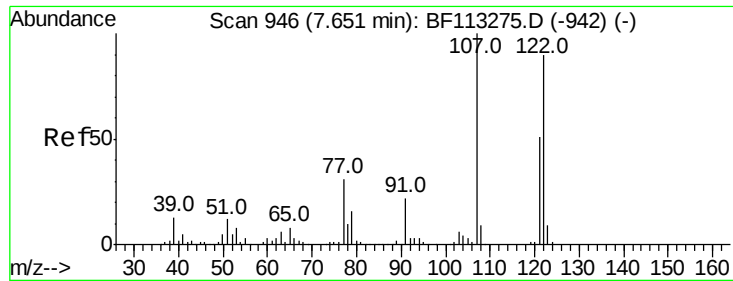
Delta R.T. 0.00 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	54.5	37.9	56.9		
54	52.1	41.9	62.9		





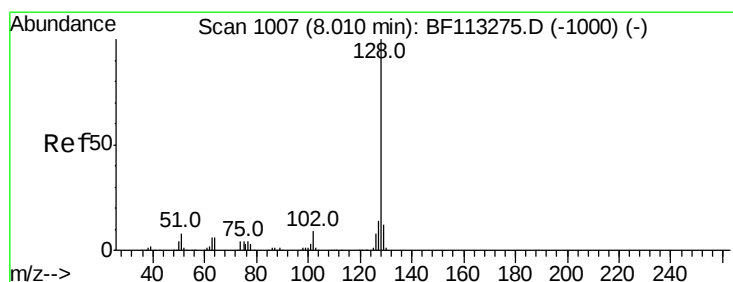
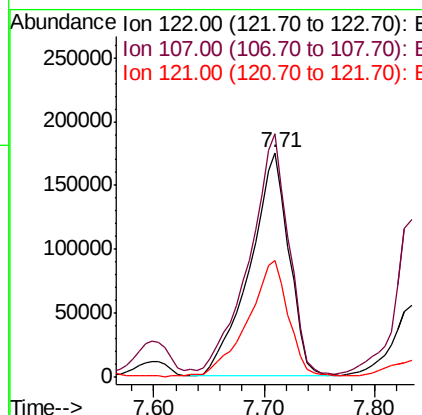
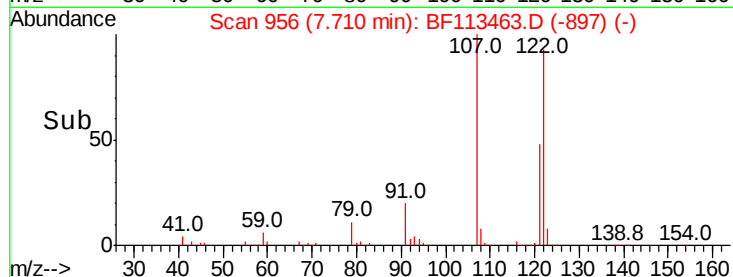
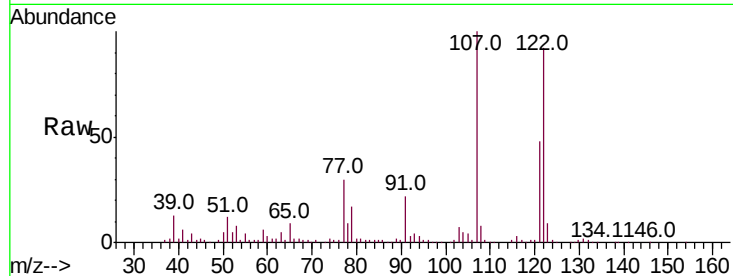
#27
2,4-Dimethylphenol
Concen: 211.845 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.05 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.2	86.3	129.5
121	51.8	45.6	68.4

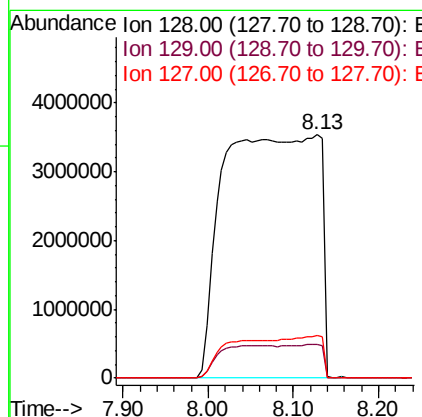
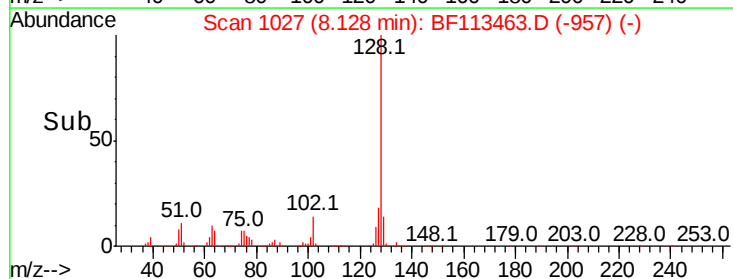
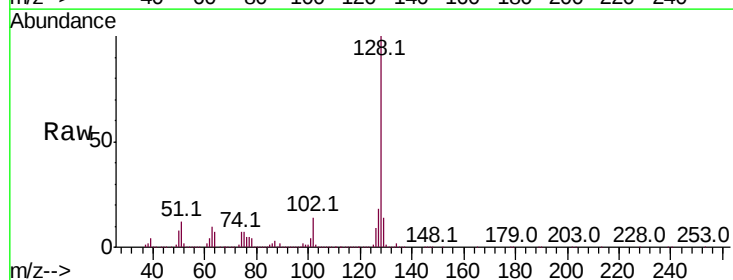
Manual Integrations
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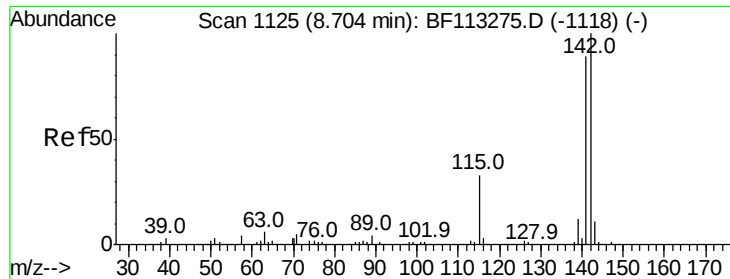
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#31
Naphthalene
Concen: 3643.155 ng m
RT: 8.13 min Scan# 1027
Delta R.T. 0.11 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.4	14.0
127	17.6	10.7	16.1#





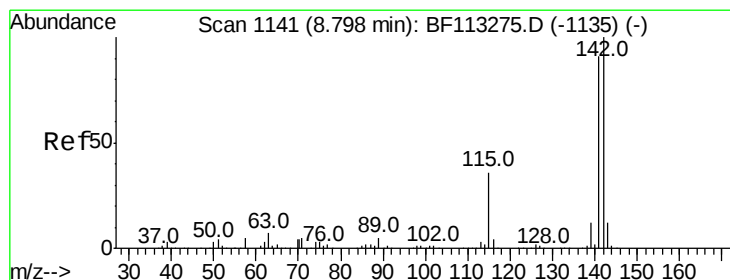
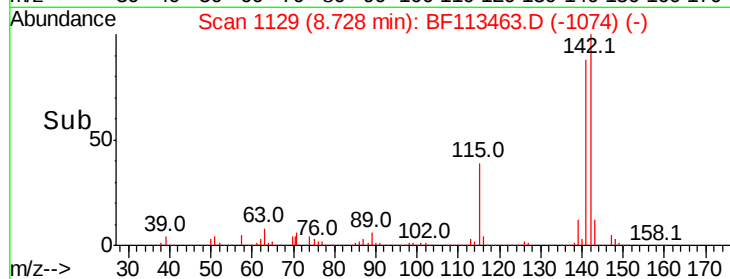
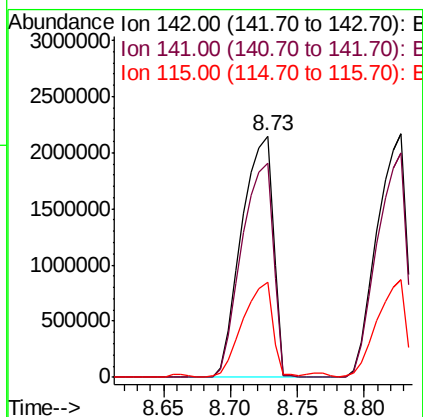
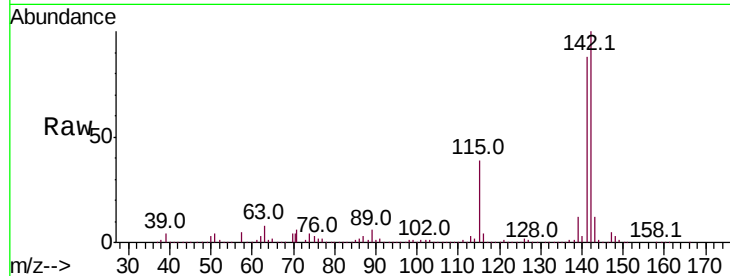
#37
 2-Methylnaphthalene
 Concen: 755.826 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.02 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.2	103.8
115	39.2	26.6	39.8

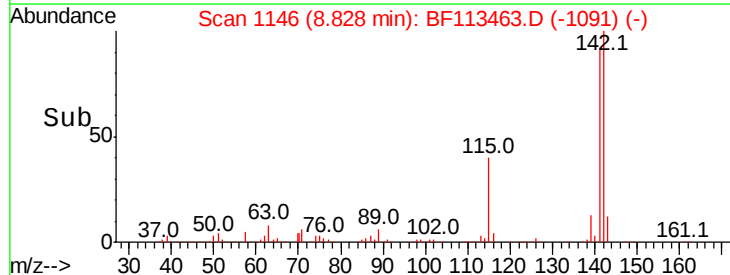
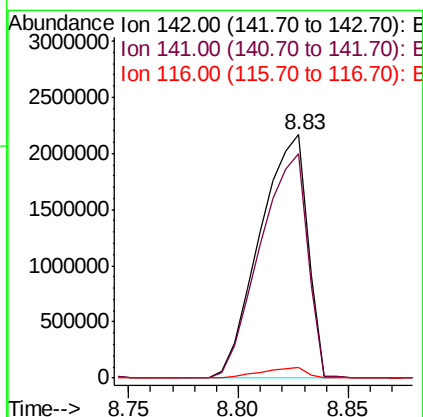
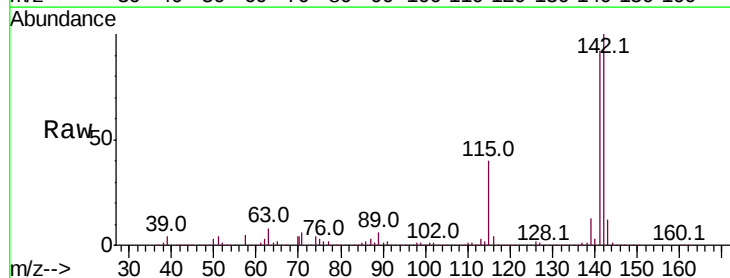
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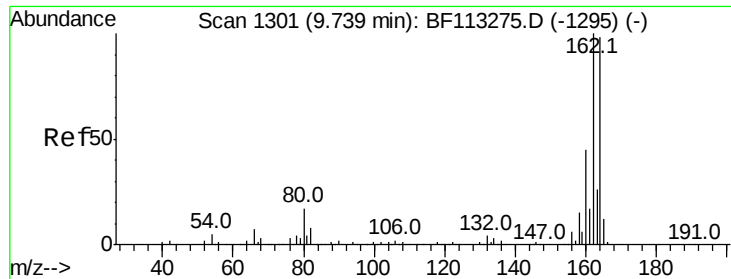
Sohil
 4/5/2019 5:39:15 AM



#38
 1-Methylnaphthalene
 Concen: 736.857 ng m
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.4
116	4.4	2.8	4.2#





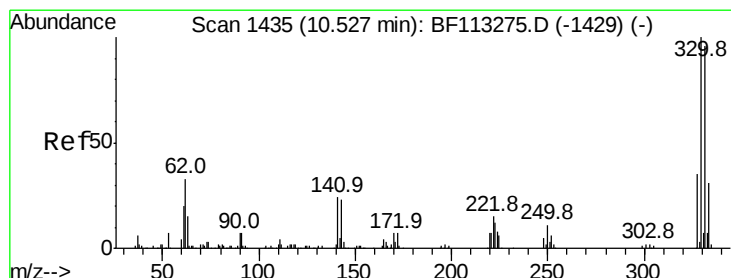
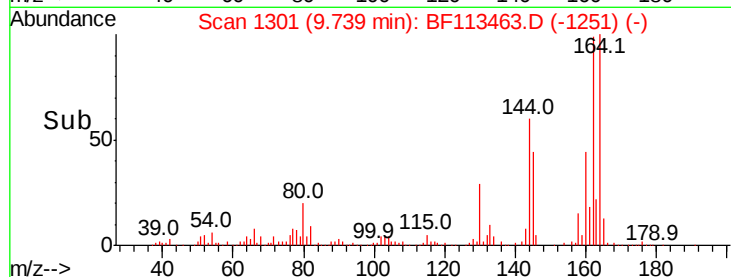
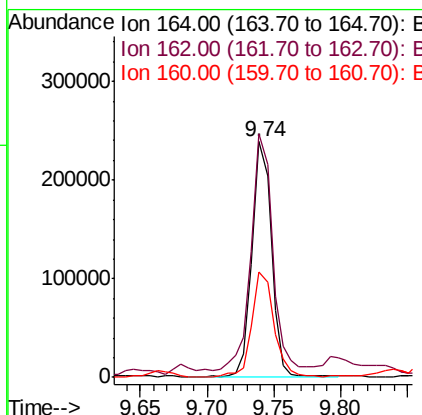
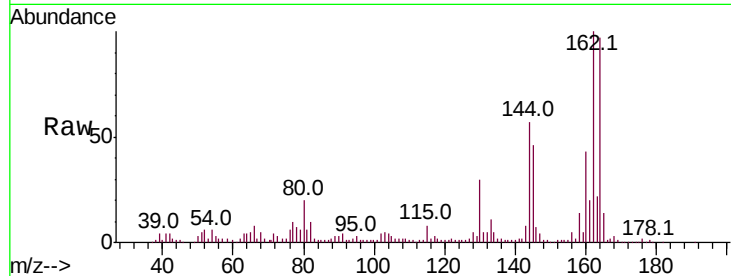
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.7	119.5
160	44.7	35.9	53.9

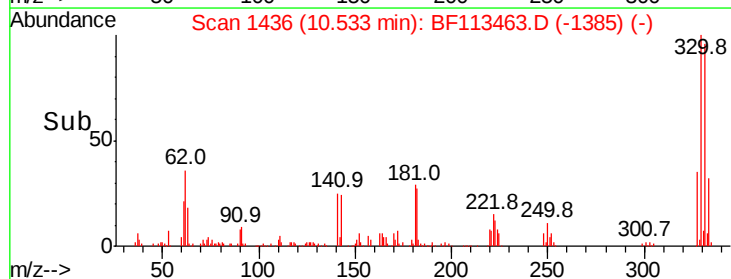
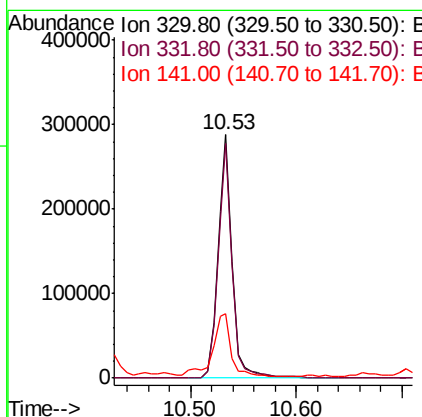
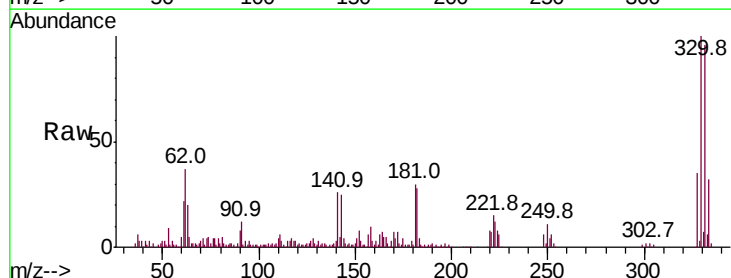
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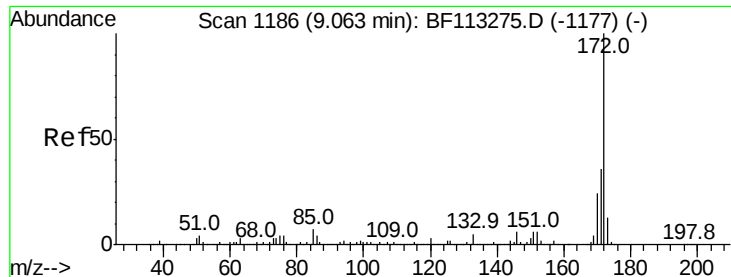
Sohil
 4/5/2019 5:39:15 AM



#42
 2,4,6-Tribromophenol
 Concen: 93.291 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	34.1	21.4	32.2#





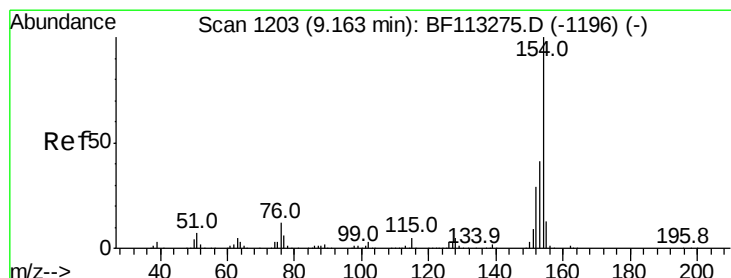
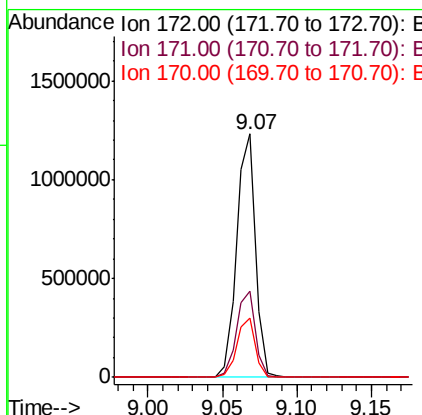
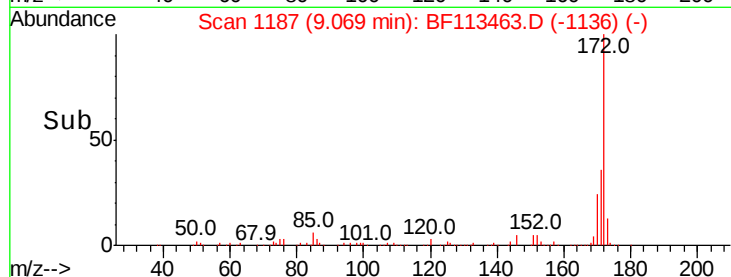
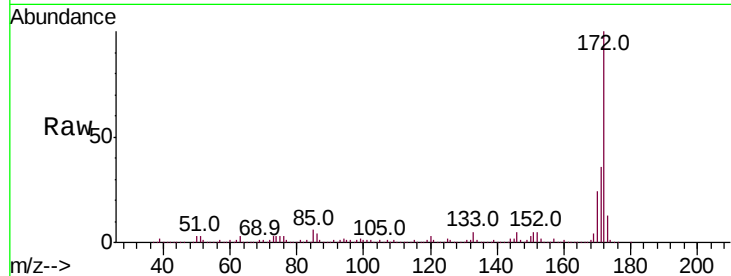
#45
2-Fluorobiphenyl
Concen: 69.093 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.2	19.8	29.6

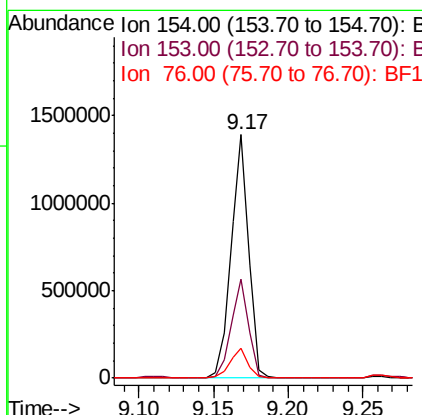
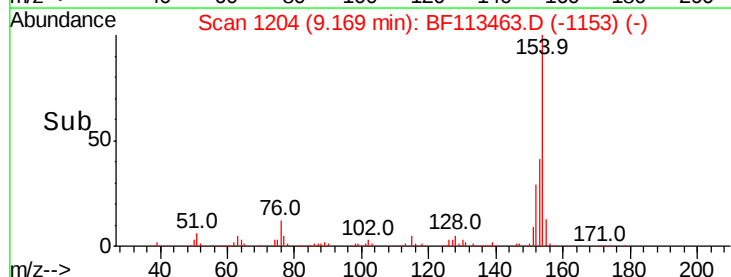
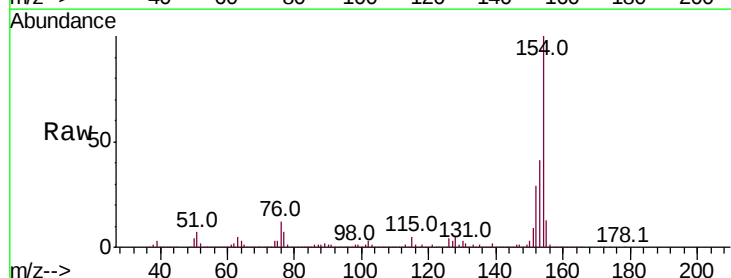
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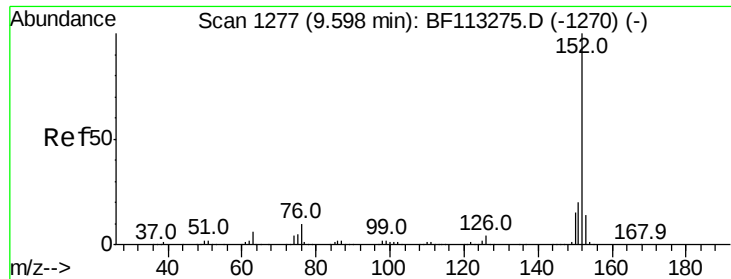
Sohil
4/5/2019 5:39:15 AM



#46
1,1'-Biphenyl
Concen: 58.782 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	12.4	0.0	33.2





#49

Acenaphthylene

Concen: 5.502 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Instrument :

BNA_F

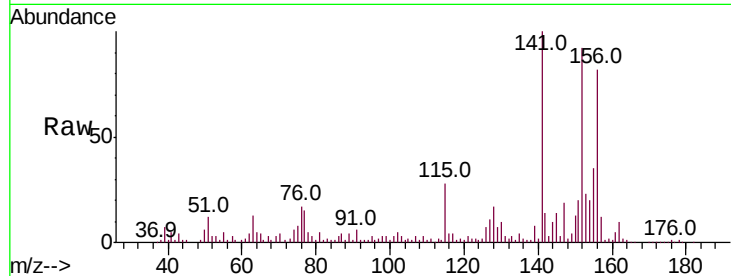
ClientSampleId :

QNWP8-MW30D-GW

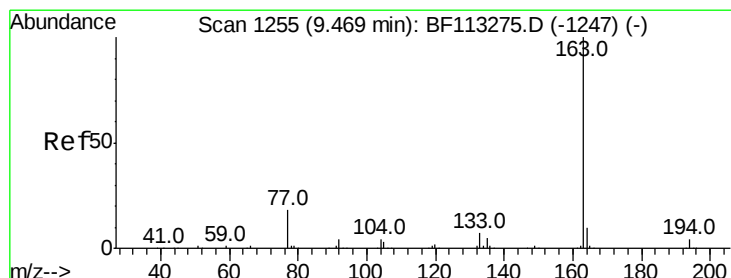
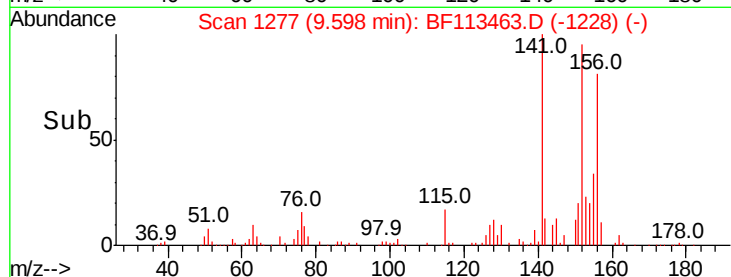
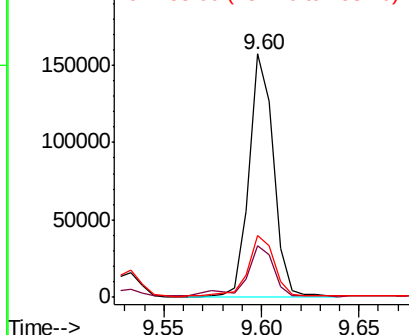
Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.1	16.5	24.7	
153	25.4	10.8	16.2	

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.039 ng

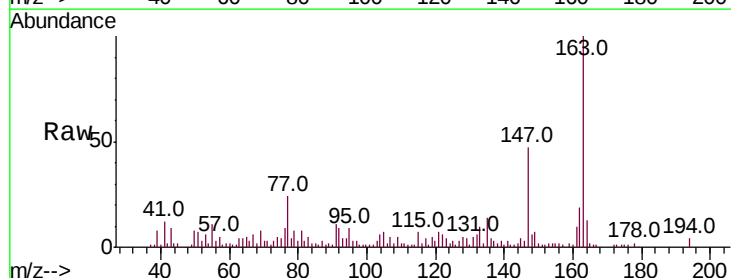
RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

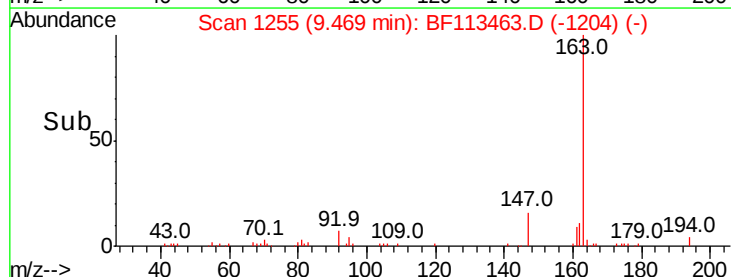
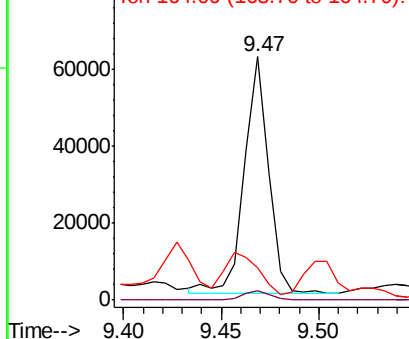
Lab File: BF113463.D

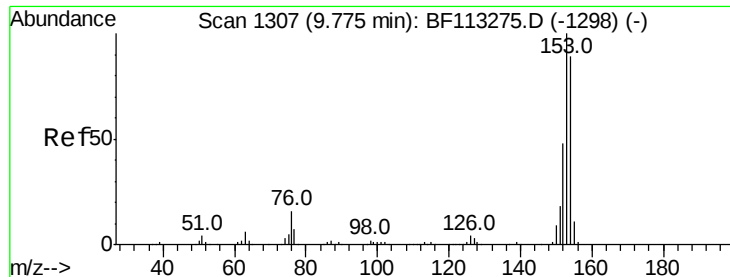
Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.1	4.7	
164	13.2	8.3	12.5	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 132.935 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:154 Resp: 1844638

Ion Ratio Lower Upper

154 100

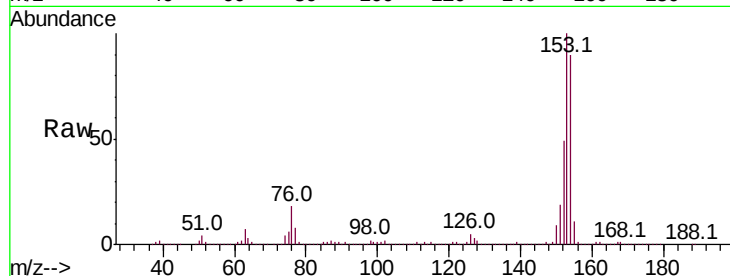
153 111.0 89.1 133.7

152 54.5 43.0 64.4

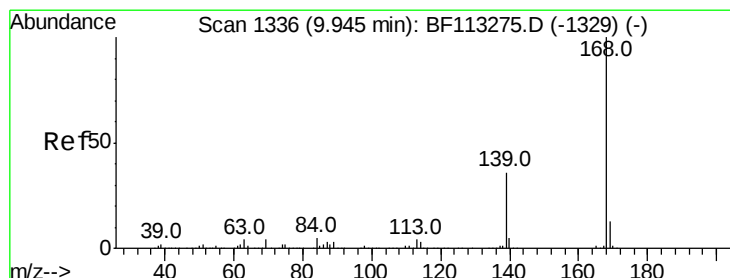
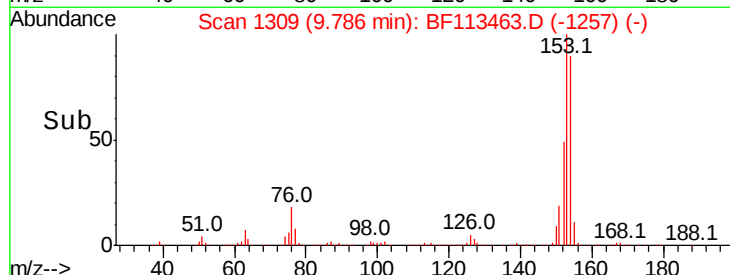
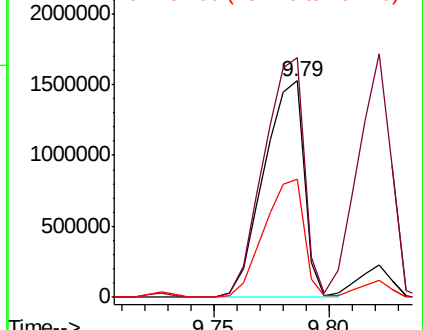
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 101.400 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

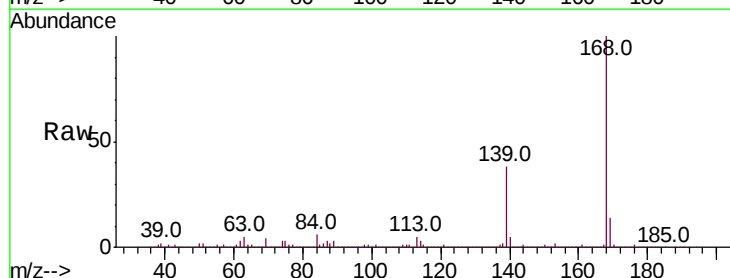
Tgt Ion:168 Resp: 2115276

Ion Ratio Lower Upper

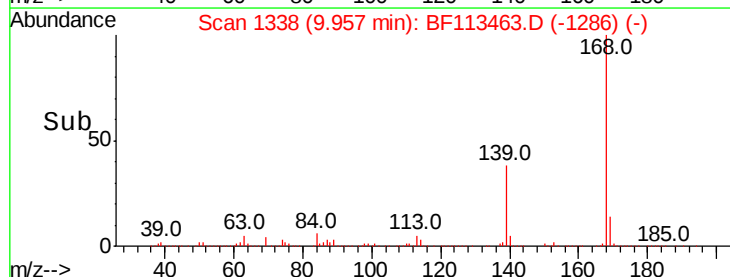
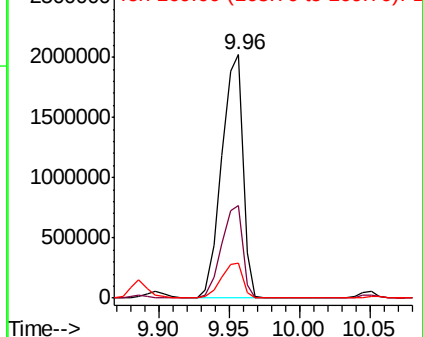
168 100

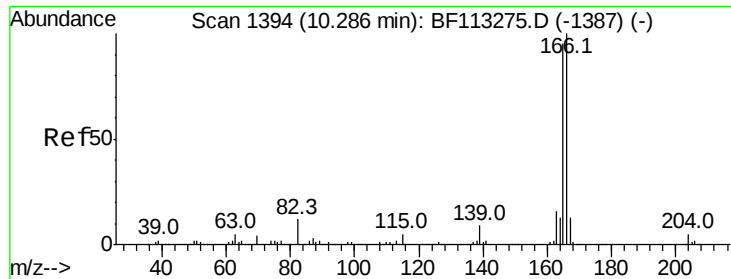
139 37.9 29.1 43.7

169 14.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





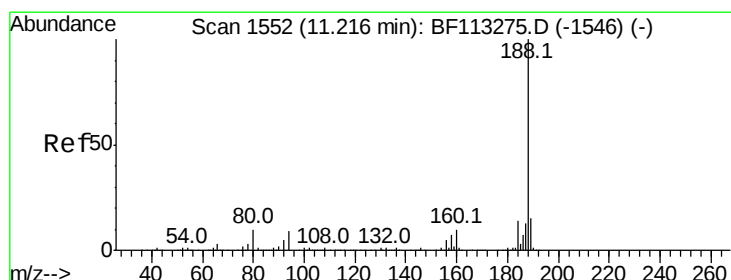
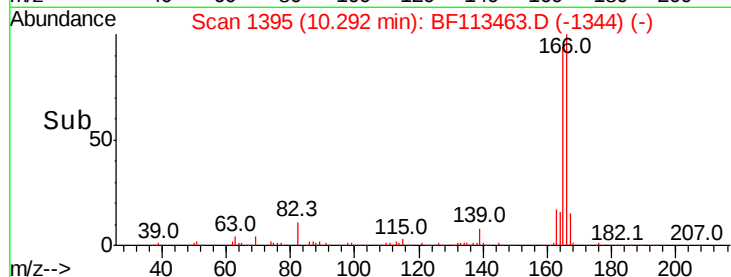
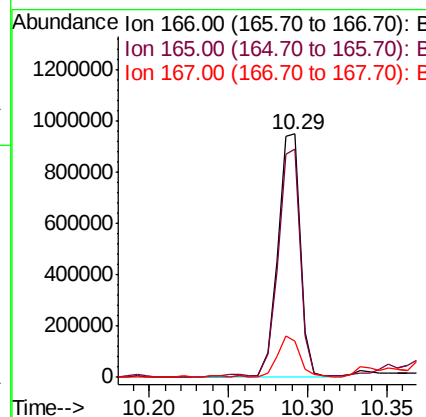
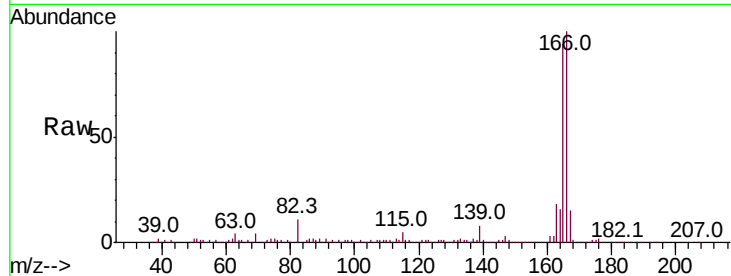
#58
 Fluorene
 Concen: 57.903 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.8	113.6
167	15.0	11.2	16.8

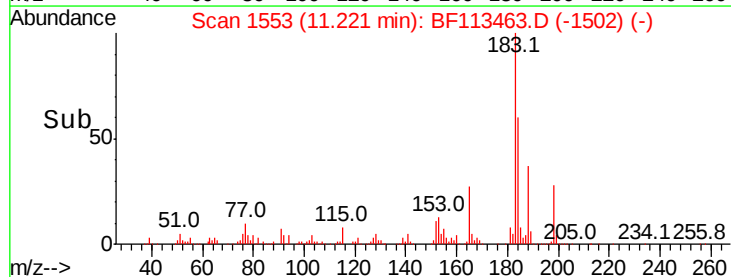
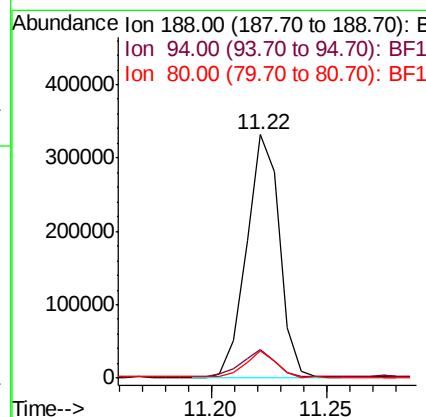
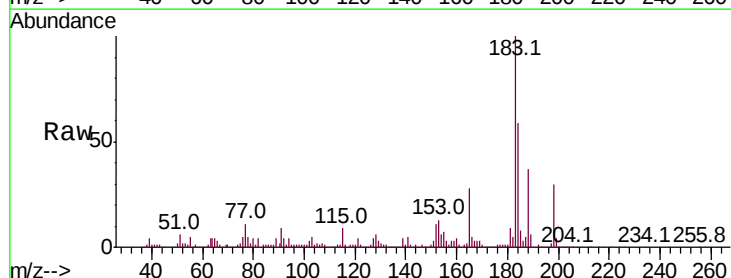
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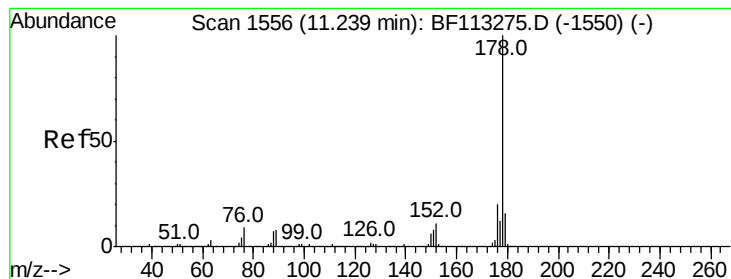
Sohil
 4/5/2019 5:39:15 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.8	11.6#
80	11.2	8.2	12.2





#71

Phenanthrene

Concen: 62.456 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:178 Resp: 1018501

Ion Ratio Lower Upper

178 100

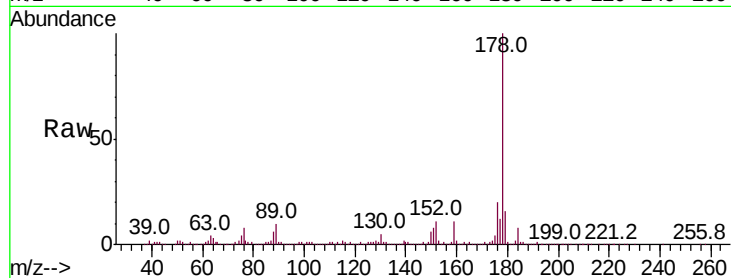
176 20.1 16.1 24.1

179 15.8 12.6 19.0

Manual Integrations
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Sohil

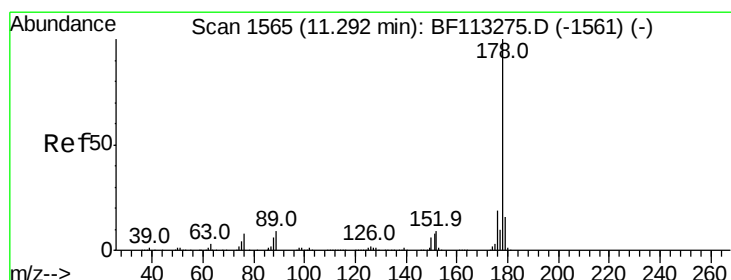
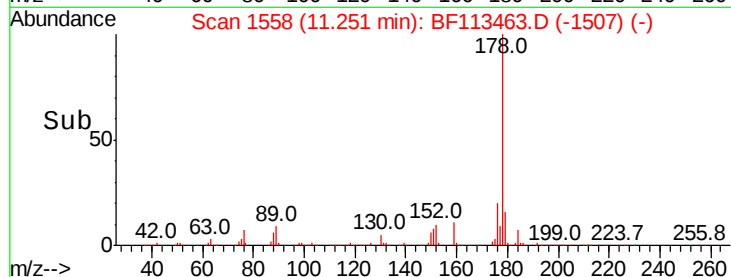
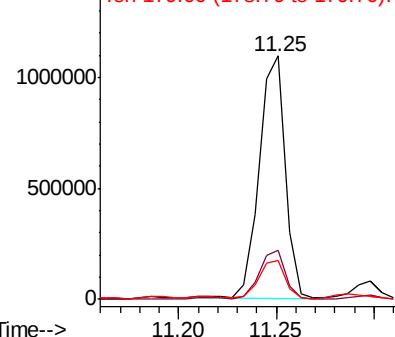
4/5/2019 5:39:15 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 4.319 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF113463.D

Acq: 1 Apr 2019 13:40

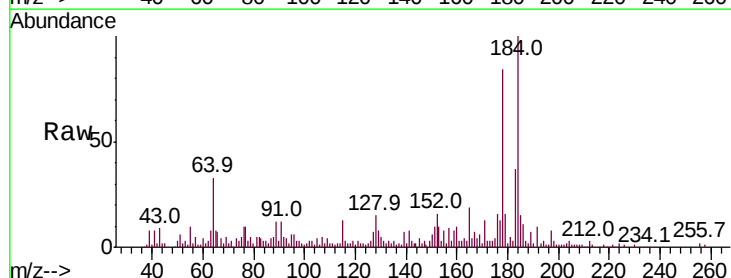
Tgt Ion:178 Resp: 71540

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

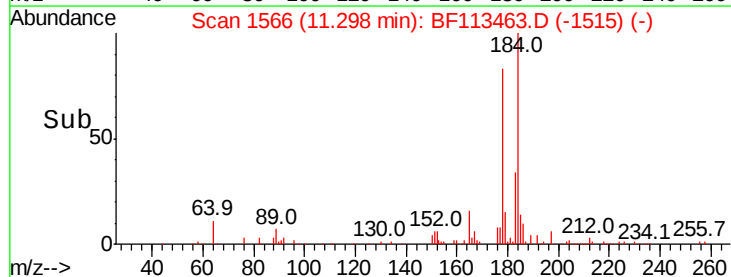
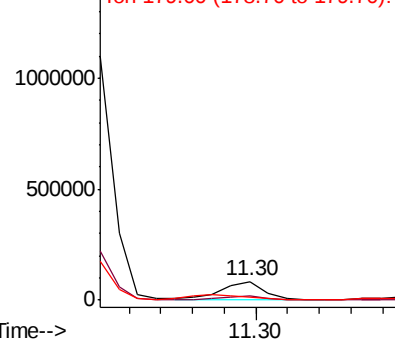
179 19.3 12.9 19.3

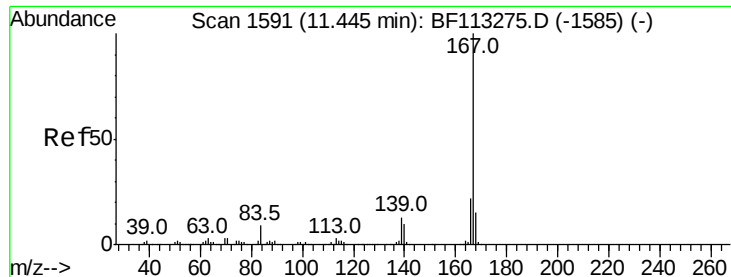


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





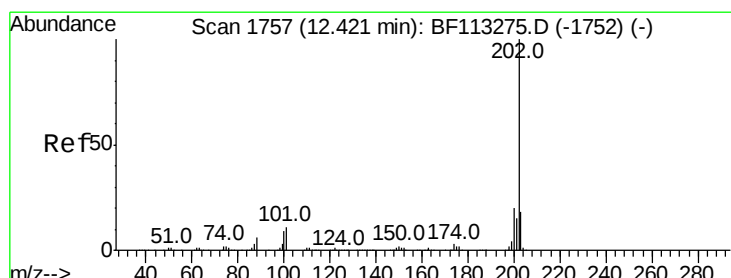
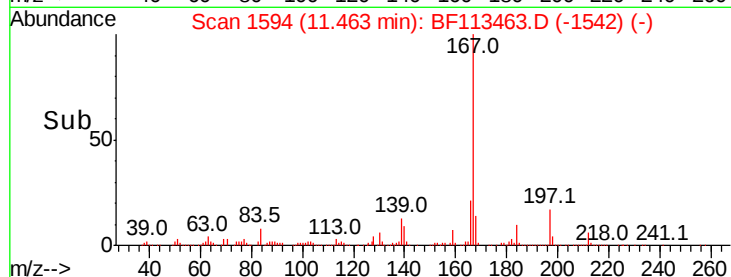
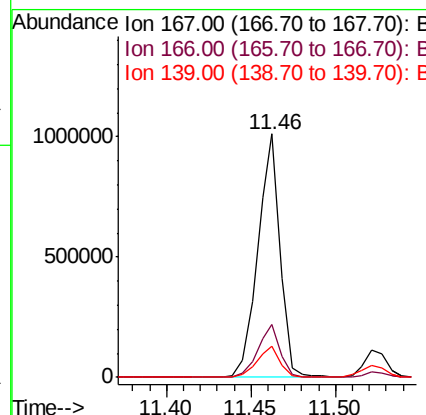
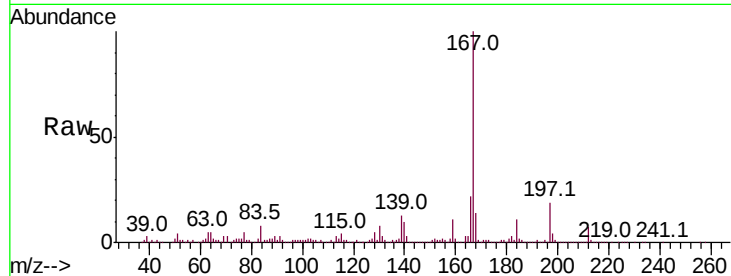
#73
 Carbazole
 Concen: 58.393 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.8
139	12.9	10.2	15.2

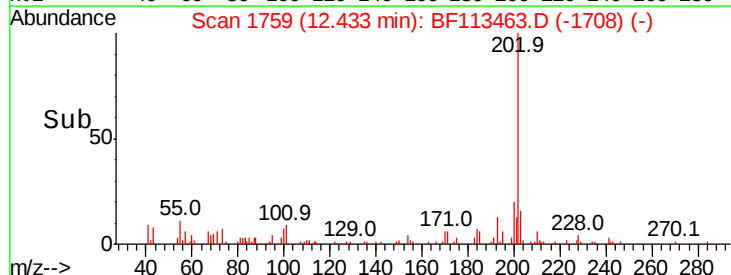
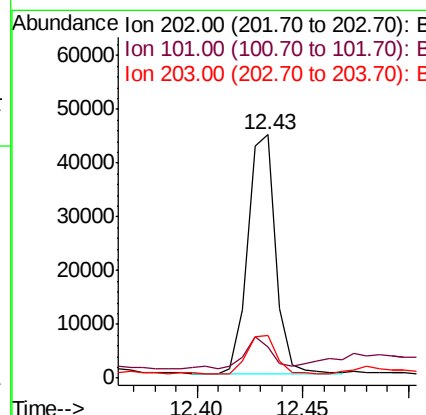
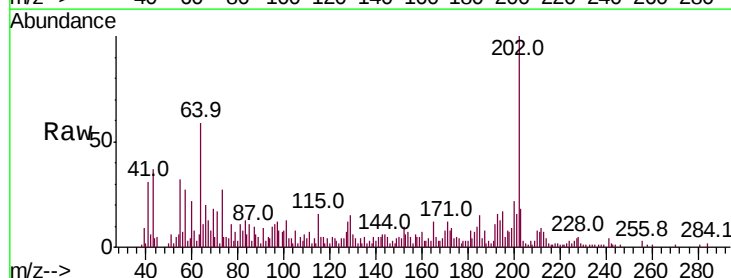
Manual Integrations
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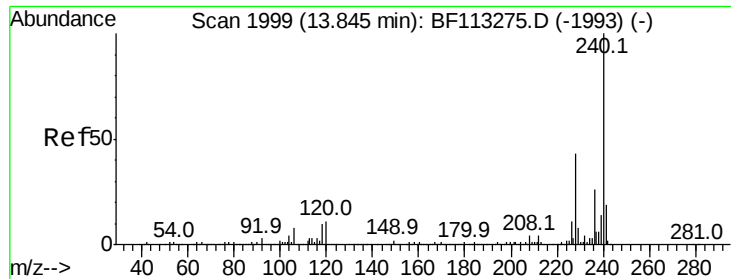
Sohil
 4/5/2019 5:39:15 AM



#75
 Fluoranthene
 Concen: 2.230 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.9
203	17.6	0.0	38.2





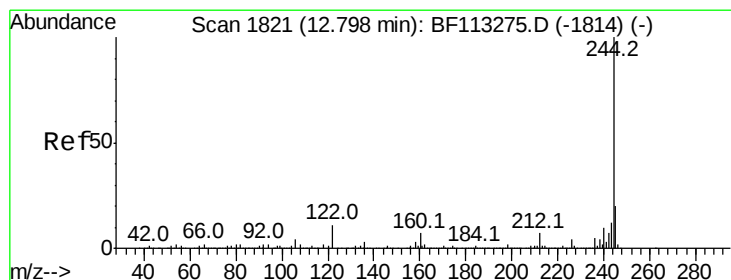
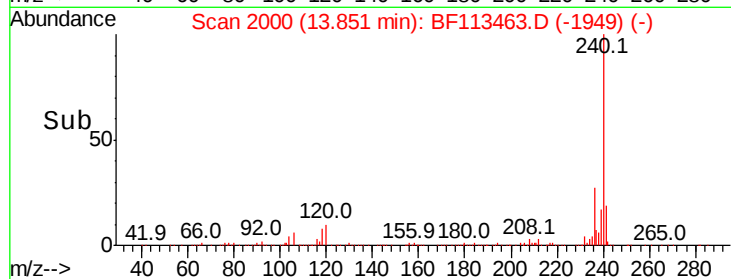
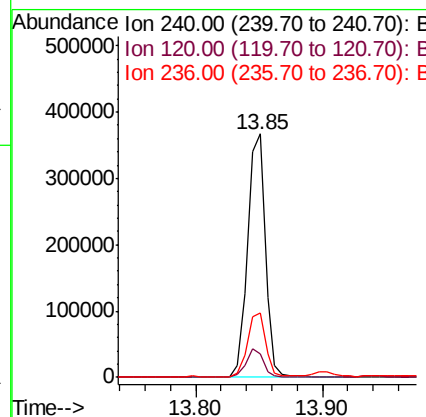
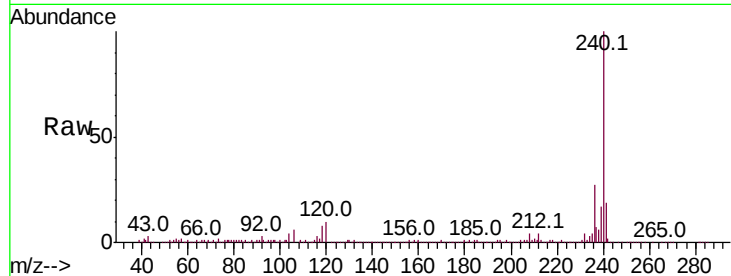
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	9.7	14.5
236	26.7	20.9	31.3

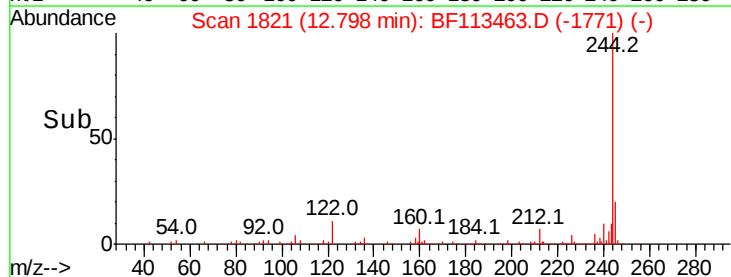
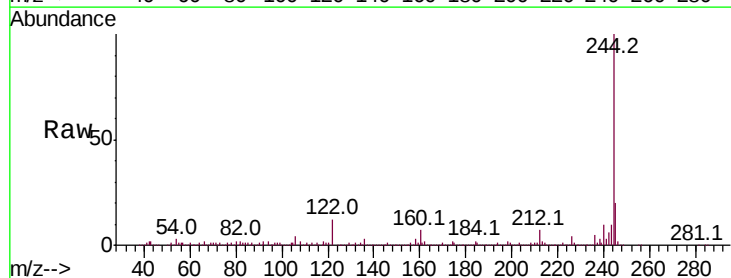
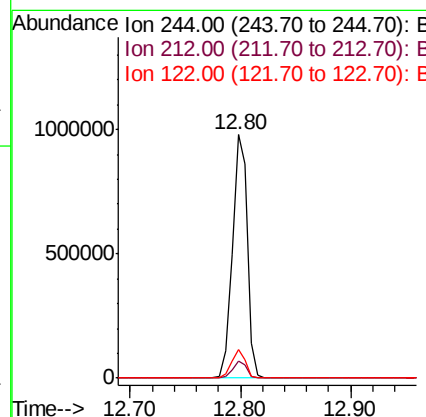
Manual Integrations
 APPROVED

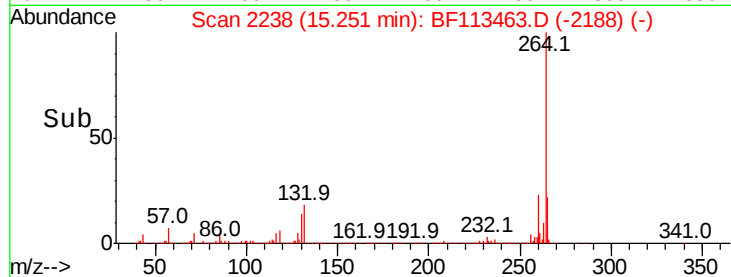
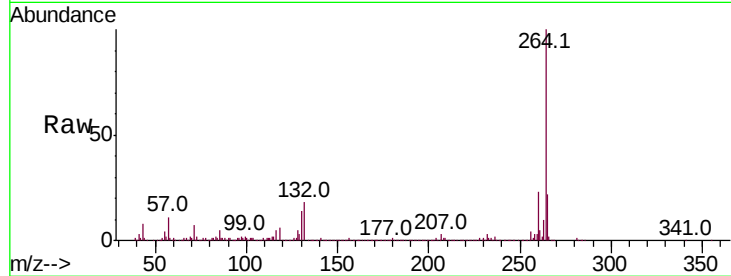
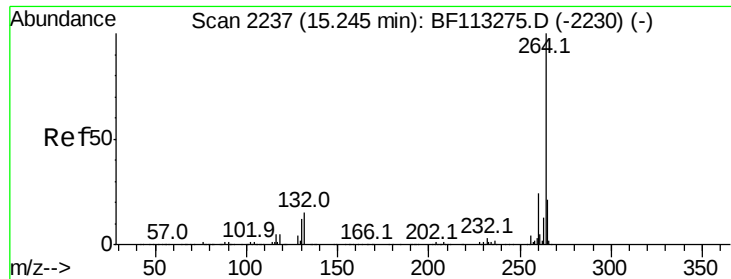
Sohil
 4/5/2019 5:39:15 AM



#79
 Terphenyl-d14
 Concen: 57.845 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF113463.D
 Acq: 1 Apr 2019 13:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.5	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF113463.D
Acq: 1 Apr 2019 13:40

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	22.2	17.2	25.8

Manual Integrations
APPROVED

Sohil
4/5/2019 5:39:15 AM

