

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
 Data File : BF113642.D
 Acq On : 8 Apr 2019 16:22
 Operator : JU/SJ
 Sample : PB118680BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Manual Integrations
 APPROVED

Sohil
 4/9/2019 10:15:35 AM

Quant Time: Apr 08 16:52:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	150329	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	583323	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	285318	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	577237	20.00	ng	0.00
76) Chrysene-d12	13.84	240	389586	20.00	ng	0.00
87) Perylene-d12	15.24	264	316756	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1077137	122.18	ng	0.02
7) Phenol-d6	6.35	99	1311671	120.72	ng	0.00
23) Nitrobenzene-d5	7.25	82	870342	87.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	435508	127.07	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1568362	88.49	ng	0.00
79) Terphenyl-d14	12.78	244	1703134	89.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	134783	32.281	ng	97
3) Pyridine	3.15	79	319725	29.260	ng	95
4) n-Nitrosodimethylamine	3.06	42	174072	37.494	ng	93
6) Aniline	6.35	93	415269	31.531	ng	# 91
8) 2-Chlorophenol	6.48	128	405088	39.716	ng	93
9) Benzaldehyde	6.23	77	190449	29.479	ng	99
10) Phenol	6.36	94	483130	38.932	ng	83
11) bis(2-Chloroethyl)ether	6.43	93	384226	39.803	ng	98
12) 1,3-Dichlorobenzene	6.62	146	420450	38.278	ng	99
13) 1,4-Dichlorobenzene	6.70	146	431293	38.855	ng	99
14) 1,2-Dichlorobenzene	6.85	146	396254	39.549	ng	100
15) Benzyl Alcohol	6.84	79	277760	37.807	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	584317	38.888	ng	55
17) 2-Methylphenol	6.96	107	341692	43.228	ng	# 91
18) Hexachloroethane	7.19	117	154924	38.345	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	274937	41.035	ng	98
20) 3+4-Methylphenols	7.12	107	424169	44.288	ng	92
22) Acetophenone	7.10	105	553211	43.180	ng	# 97
24) Nitrobenzene	7.27	77	418732	40.829	ng	95
25) Isophorone	7.51	82	783876	40.861	ng	98
26) 2-Nitrophenol	7.59	139	226689	41.070	ng	96
27) 2,4-Dimethylphenol	7.64	122	373531	47.337	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	494965	40.810	ng	100
29) 2,4-Dichlorophenol	7.84	162	357492	42.343	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	380126	41.460	ng	99
31) Naphthalene	7.99	128	1171684	41.456	ng	99
32) Benzoic acid	7.80	122	219862	35.982	ng	99
33) 4-Chloroaniline	8.05	127	324370	28.944	ng	96
34) Hexachlorobutadiene	8.10	225	226471	40.515	ng	99
35) Caprolactam	8.43	113	111476m	41.595	ng	
36) 4-Chloro-3-methylphenol	8.55	107	354015	41.771	ng	98
37) 2-Methylnaphthalene	8.68	142	787570	42.368	ng	99
38) 1-Methylnaphthalene	8.78	142	739273	41.244	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	374483	40.584	ng	99

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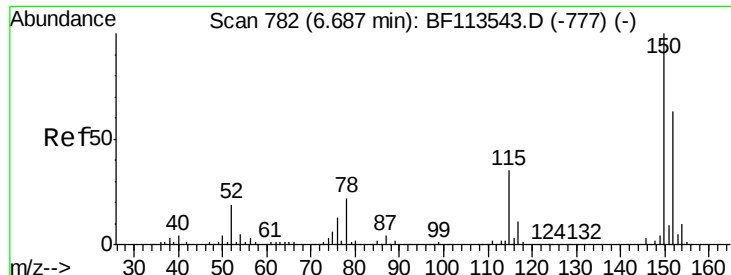
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	270699	83.228	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	240991	41.375	nq	100
44) 2,4,5-Trichlorophenol	9.02	196	259264	41.461	nq	99
46) 1,1'-Biphenyl	9.15	154	966705	41.059	nq	99
47) 2-Chloronaphthalene	9.17	162	734458	41.201	nq	99
48) 2-Nitroaniline	9.27	65	224468	41.152	nq	97
49) Acenaphthylene	9.58	152	1145451	39.516	nq	100
50) Dimethylphthalate	9.45	163	860092	40.895	nq	99
51) 2,6-Dinitrotoluene	9.52	165	189686	40.916	nq	95
52) Acenaphthene	9.75	154	681693	41.083	nq	99
53) 3-Nitroaniline	9.68	138	154550	29.322	nq	93
54) 2,4-Dinitrophenol	9.81	184	186049	85.779	nq	91
55) Dibenzofuran	9.93	168	988352	40.605	nq	98
56) 4-Nitrophenol	9.87	139	224162	68.558	nq	97
57) 2,4-Dinitrotoluene	9.93	165	234791	41.876	nq	93
58) Fluorene	10.27	166	789526	41.011	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	243100	44.913	nq	97
60) Diethylphthalate	10.15	149	846755	41.758	nq	99
61) 4-Chlorophenyl-phenylether	10.26	204	396001	41.820	nq	95
62) 4-Nitroaniline	10.30	138	212687	39.681	nq	100
63) Azobenzene	10.42	77	776966	40.468	nq	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	117557	38.684	nq	98
66) n-Nitrosodiphenylamine	10.38	169	724948	40.909	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	260288	40.205	nq	95
68) Hexachlorobenzene	10.82	284	303381	40.898	nq	96
69) Atrazine	10.91	200	224405	40.176	nq	97
70) Pentachlorophenol	11.02	266	243600	69.691	nq	98
71) Phenanthrene	11.23	178	1156214	40.310	nq	99
72) Anthracene	11.28	178	1202673	41.211	nq	100
73) Carbazole	11.43	167	1117502	40.942	nq	100
74) Di-n-butylphthalate	11.76	149	1329392	40.943	nq	100
75) Fluoranthene	12.41	202	1242777	40.434	nq	99
77) Benzidine	12.53	184	524688	36.217	nq	97
78) Pyrene	12.64	202	1239976	41.830	nq	100
80) Butylbenzylphthalate	13.25	149	491780	40.756	nq	98
81) Benzo(a)anthracene	13.83	228	906602	40.341	nq	100
82) 3,3'-Dichlorobenzidine	13.79	252	261347	30.193	nq	98
83) Chrysene	13.86	228	889857	39.060	nq	100
84) Bis(2-ethylhexyl)phthalate	13.81	149	619307	42.450	nq	99
85) Di-n-octyl phthalate	14.42	149	936992	39.512	nq	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	934821	44.443	nq	99
88) Benzo(b)fluoranthene	14.84	252	777587	40.104	nq	99
89) Benzo(k)fluoranthene	14.87	252	780223	44.836	nq	100
90) Benzo(a)pyrene	15.19	252	760934	44.165	nq	100
91) Dibenzo(a,h)anthracene	16.62	278	782133	48.543	nq	99
92) Benzo(g,h,i)perylene	17.02	276	830277	50.487	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF113642.D

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Instrument :

BNA_F

ClientSampleId :

PB118680BS

Tot Ion:152 Resp: 150329

Ion Ratio Lower Upper

152 100

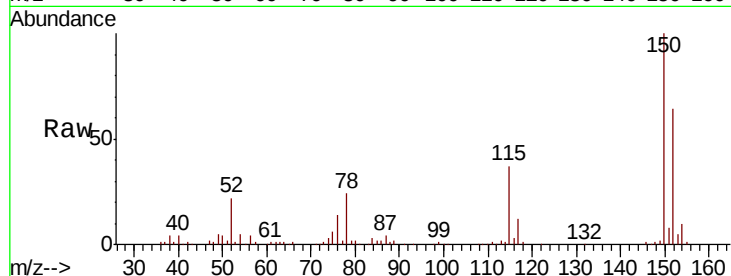
150 155.2 124.7 187.1

115 57.4 46.0 69.0

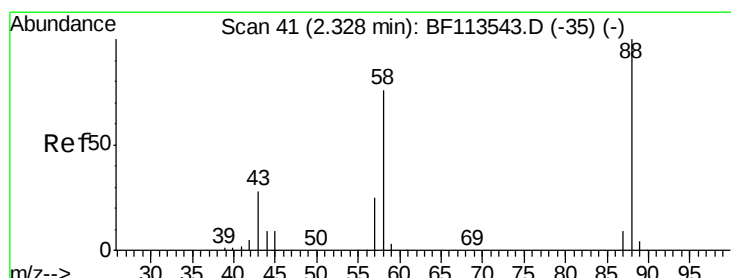
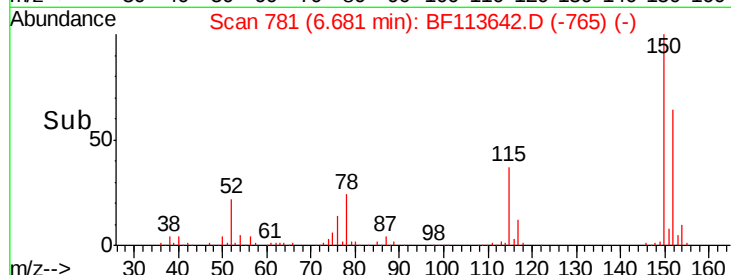
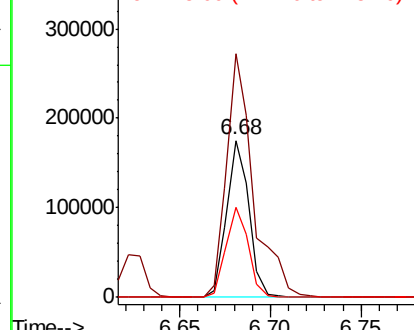
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.281 ng

RT: 2.42 min Scan# 57

Delta R.T. 0.09 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

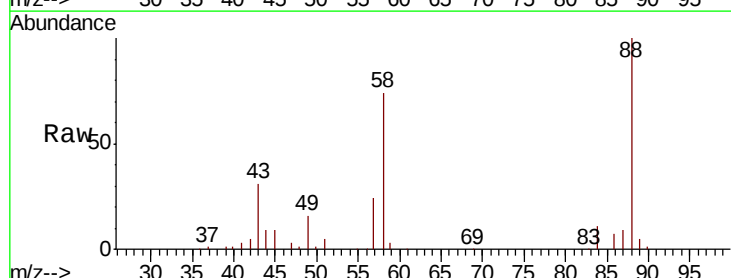
Tgt Ion: 88 Resp: 134783

Ion Ratio Lower Upper

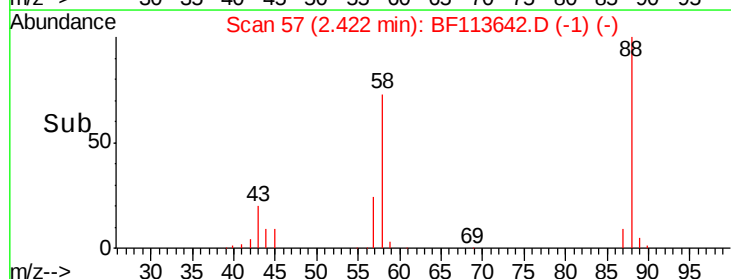
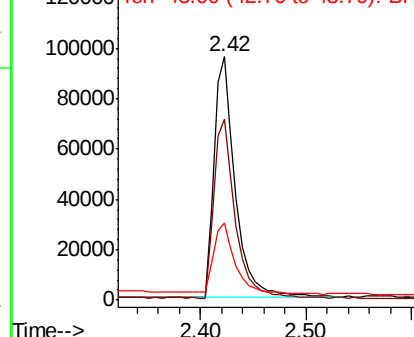
88 100

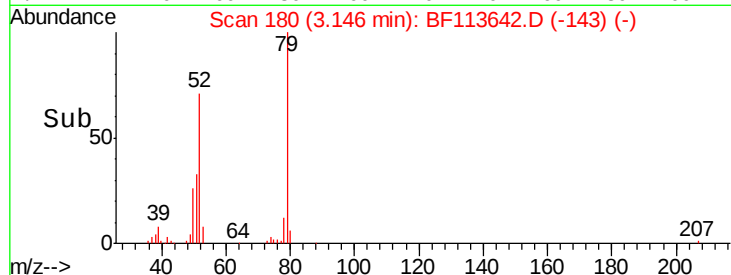
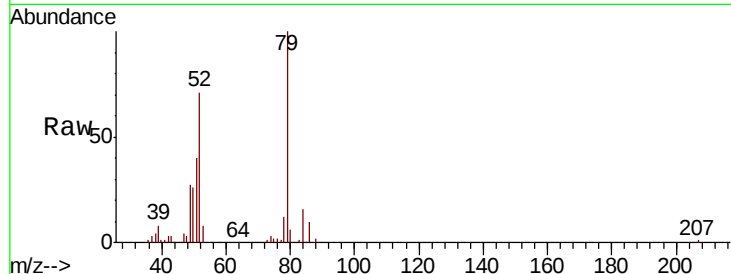
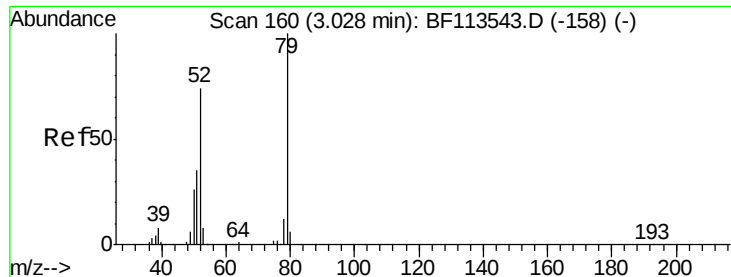
58 74.5 61.9 92.9

43 30.0 24.2 36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





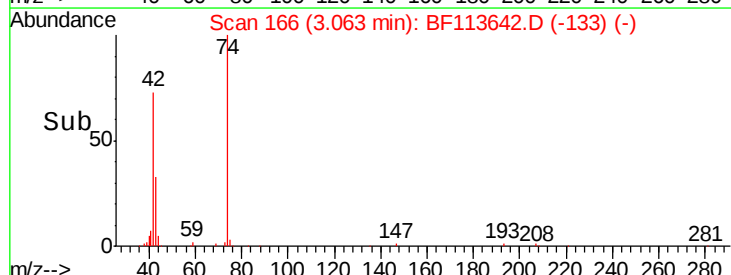
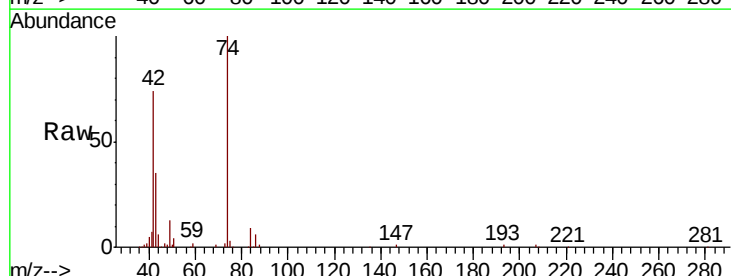
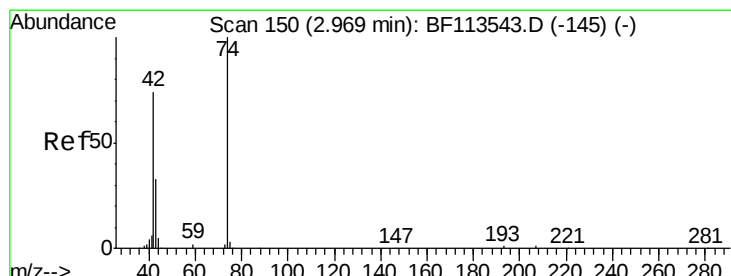
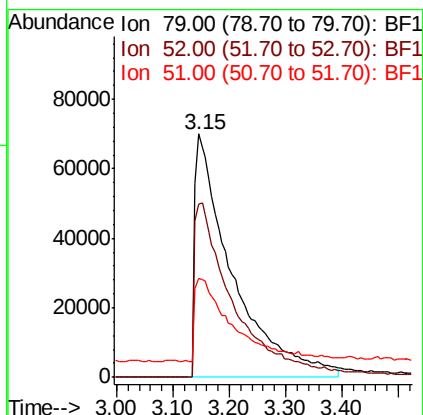
#3
 Pvridine
 Concen: 29.260 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.12 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	319725		
52	52	71.1		61.0	91.4
51	51	40.4		30.6	45.8

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

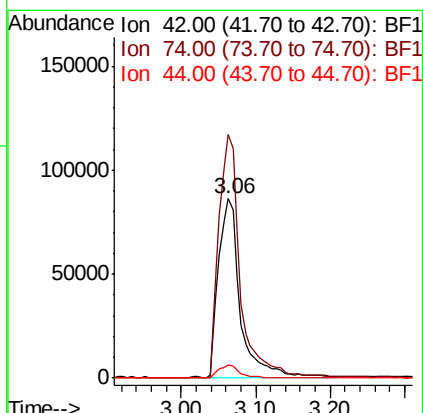
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 37.494 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.09 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	174072		
74	74	135.9		102.4	153.6
44	44	7.7		5.5	8.3





#5

2-Fluorophenol

Concen: 122.183 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

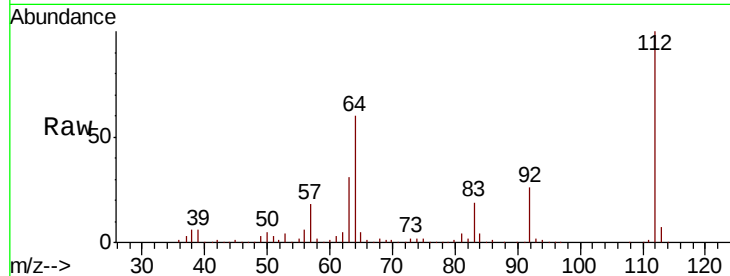
ClientSampleId :

PB118680BS

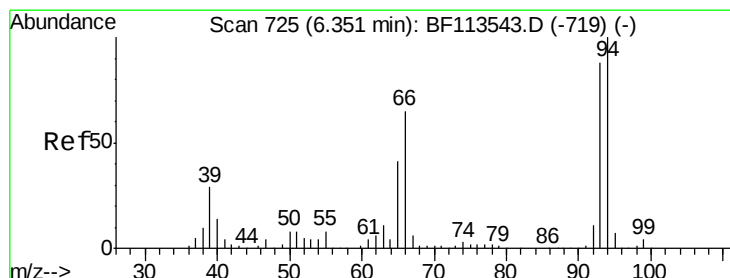
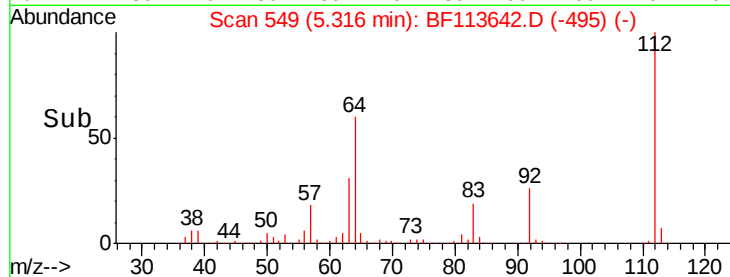
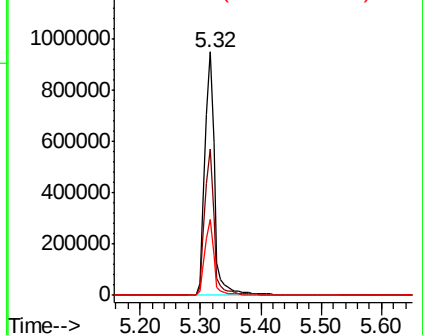
Tot Ion:	112	Resp:	1077137
Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.2	73.8
63	31.2	24.9	37.3

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.531 ng

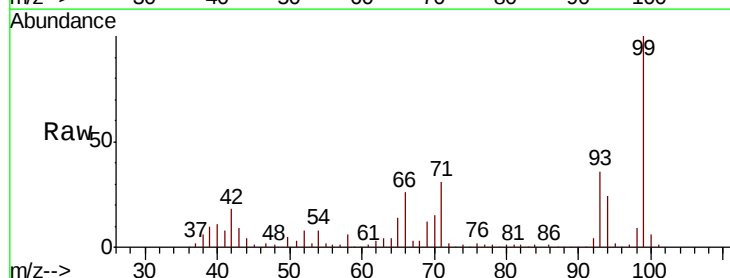
RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

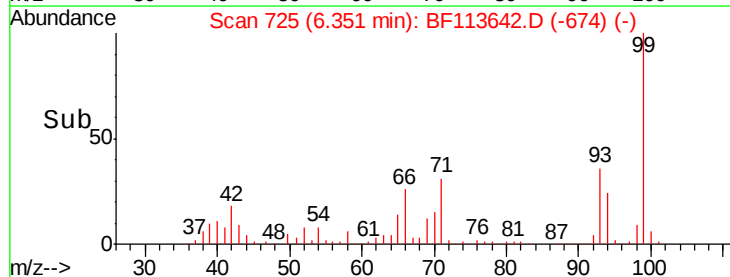
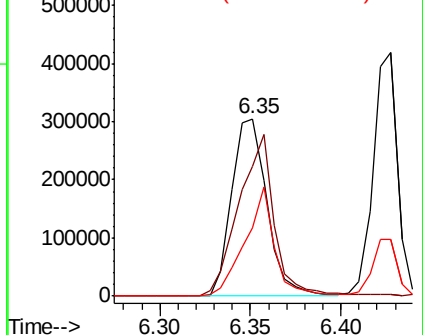
Lab File: BF113642.D

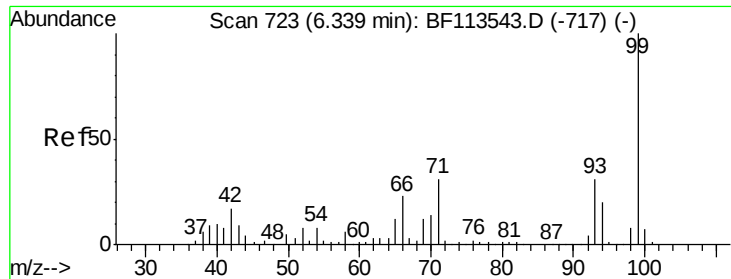
Acq: 8 Apr 2019 16:22

Tgt Ion:	93	Resp:	415269
Ion	Ratio	Lower	Upper
93	100		
66	73.3	62.1	93.1
65	38.5	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.719 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

ClientSampleId :

PB118680BS

Tot Ion: 99 Resp: 1311671

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

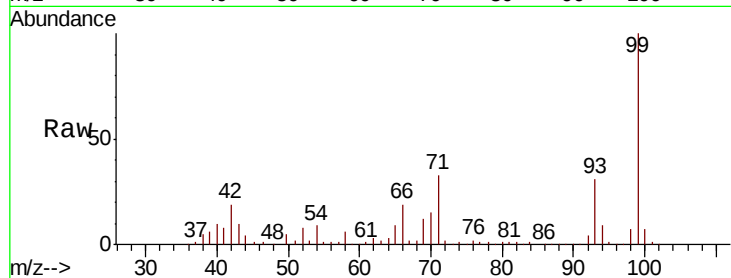
71 32.7 24.9 37.3

Manual Integrations

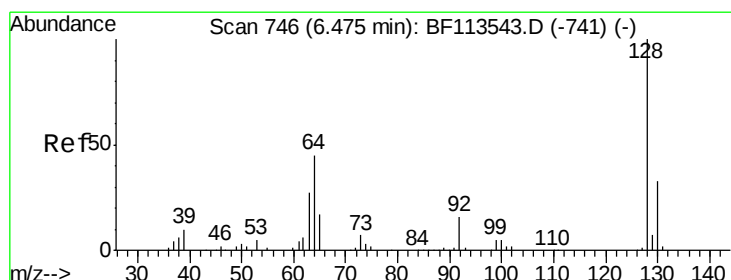
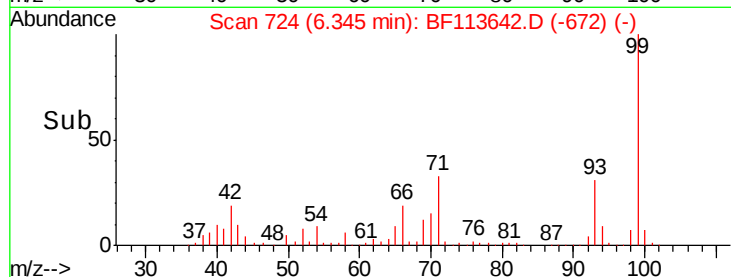
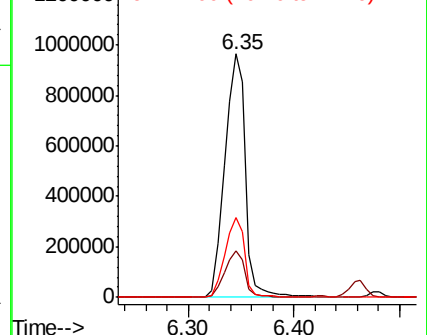
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.716 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

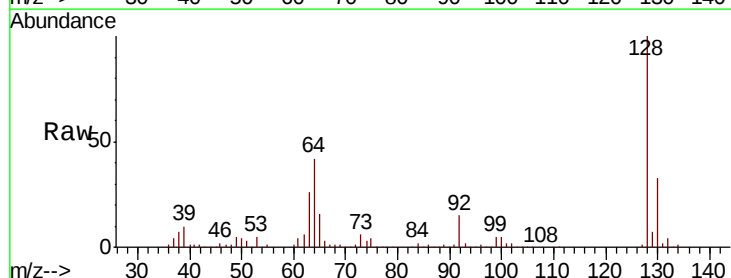
Tgt Ion:128 Resp: 405088

Ion Ratio Lower Upper

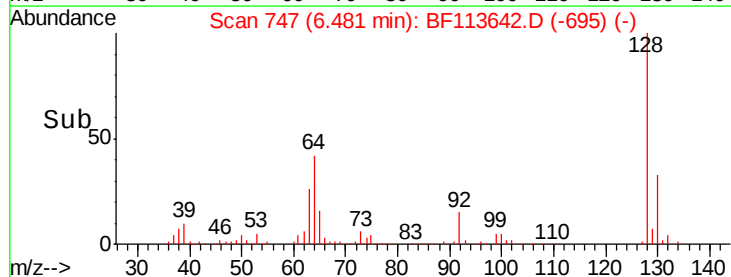
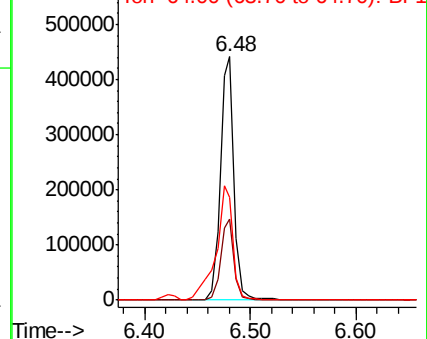
128 100

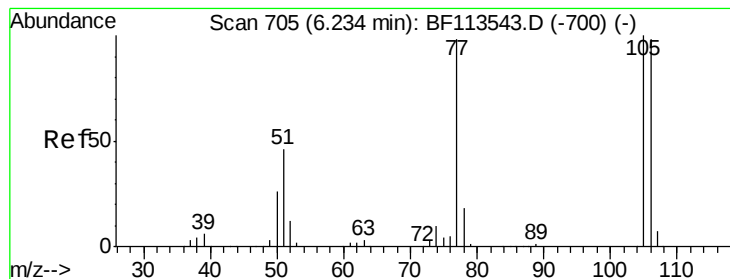
130 33.5 12.6 52.6

64 42.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.479 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

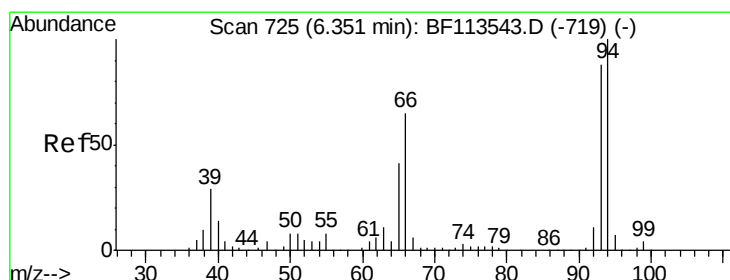
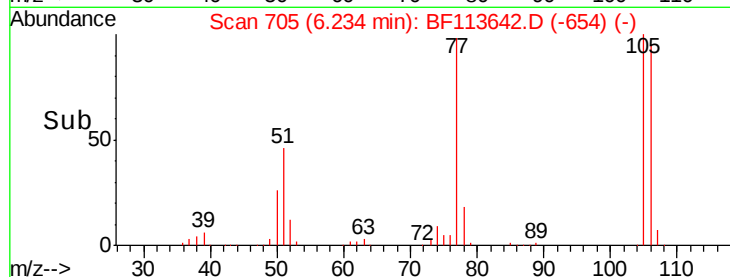
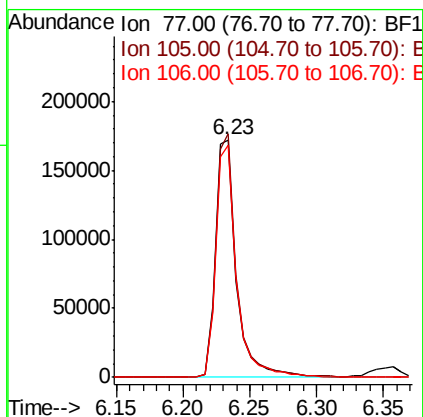
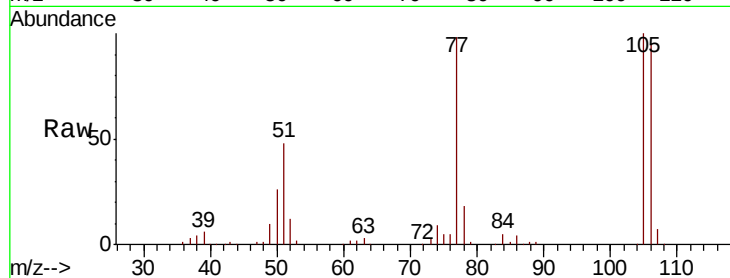
ClientSampleID :

PB118680BS

Tot Ion:	77	Resp:	190449
Ion	Ratio	Lower	Upper
77	100		
105	102.5	80.9	120.9
106	97.6	77.8	117.8

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#10

Phenol

Concen: 38.932 ng

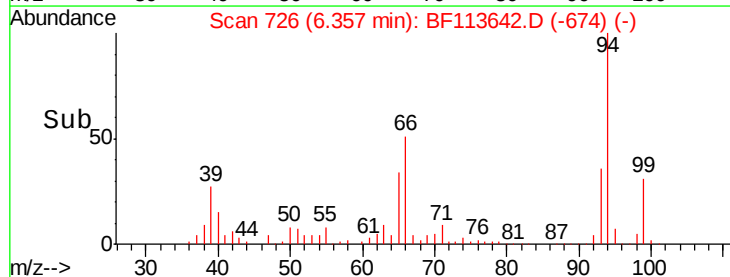
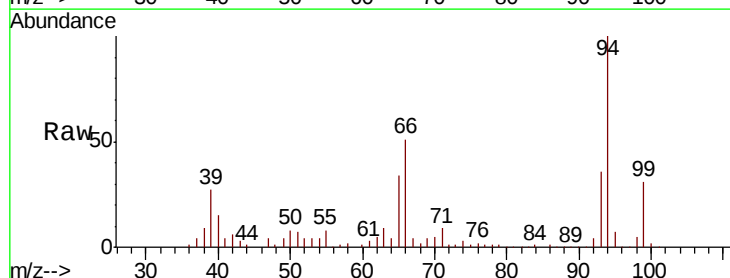
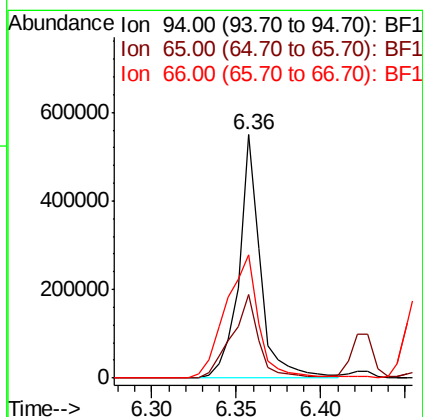
RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Tgt Ion:	94	Resp:	483130
Ion	Ratio	Lower	Upper
94	100		
65	34.2	21.4	61.4
66	50.6	46.4	86.4





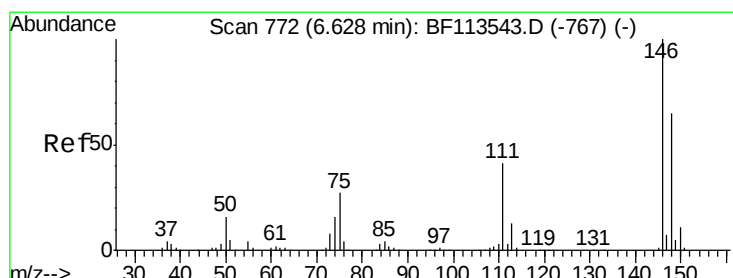
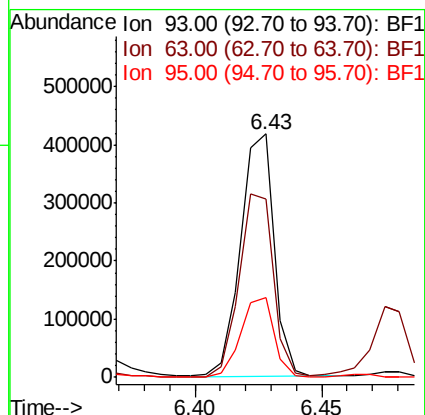
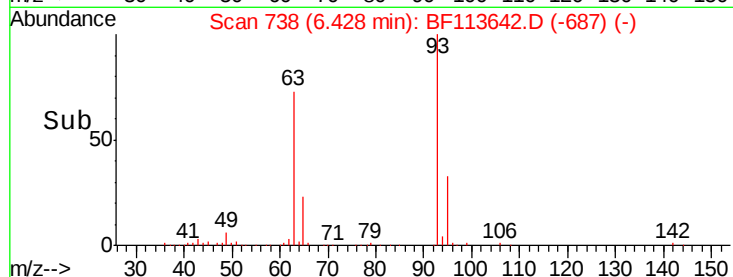
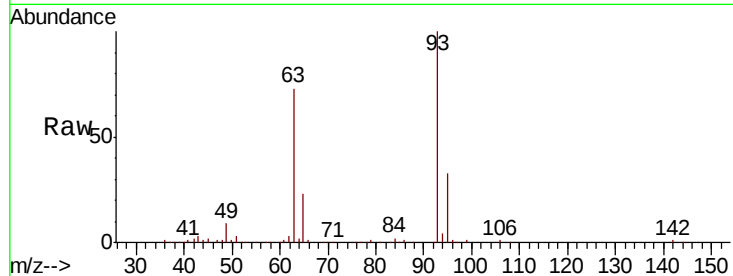
#11
bis(2-Chloroethyl)ether
Concen: 39.803 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion:	93	Resp:	384226
Ion Ratio	Lower	Upper	
93	100		
63	73.3	56.1	96.1
95	32.9	12.8	52.8

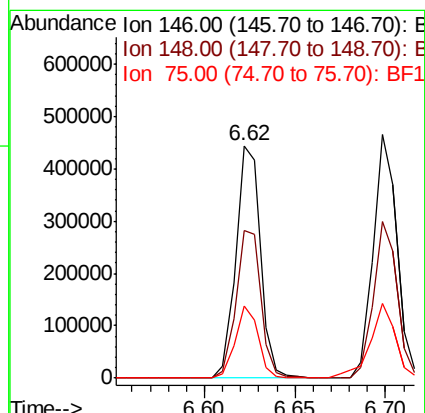
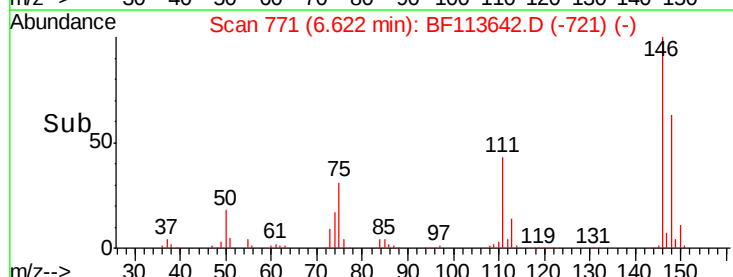
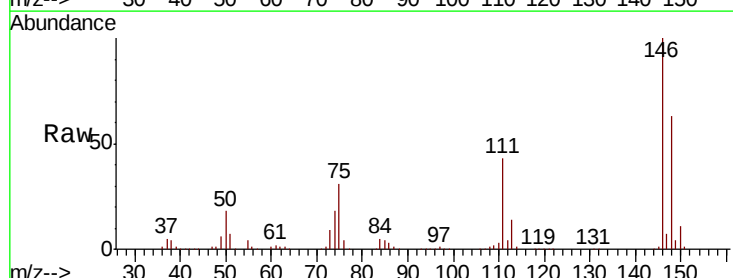
Manual Integrations
APPROVED

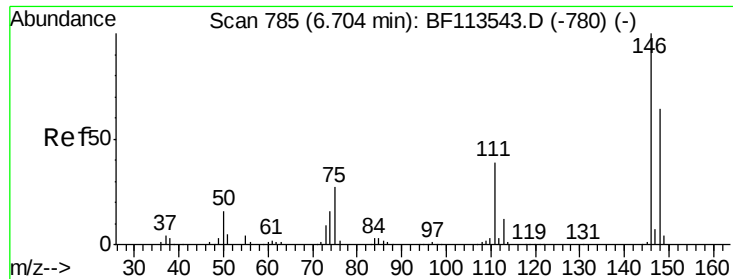
Sohil
4/9/2019 10:15:35 AM



#12
1,3-Dichlorobenzene
Concen: 38.278 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion:	146	Resp:	420450
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.0
75	30.9	24.8	37.2





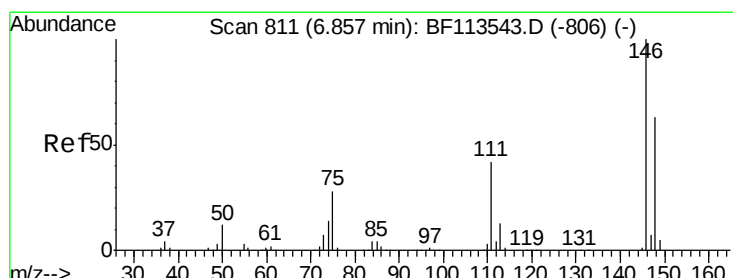
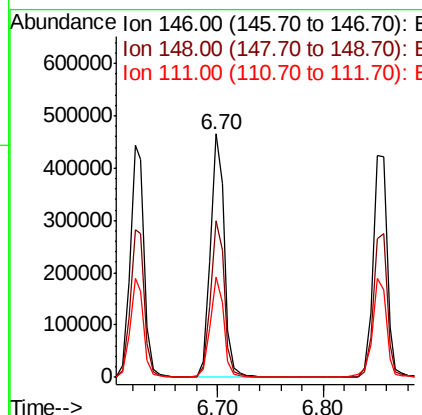
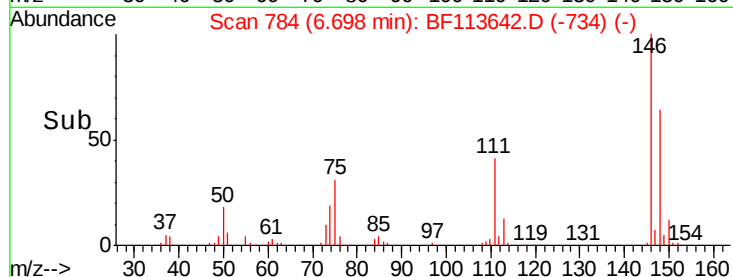
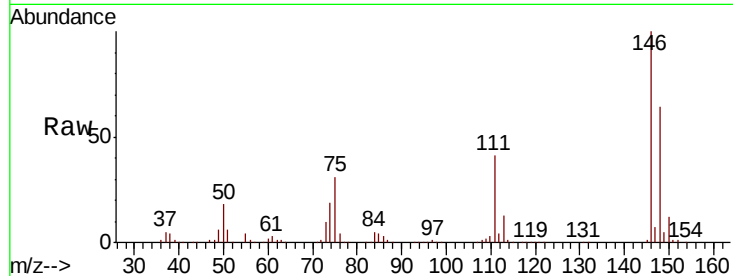
#13
 1,4-Dichlorobenzene
 Concen: 38.855 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleID :
 PB118680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
431293	146	100			
	148	64.4	51.1	76.7	
	111	41.2	32.8	49.2	

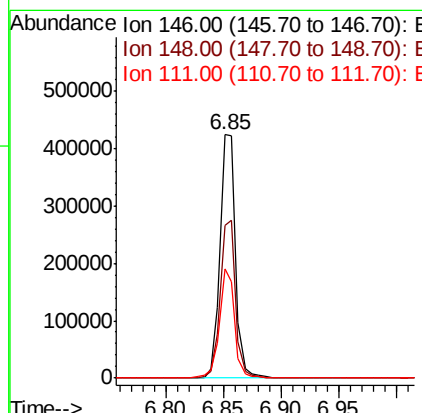
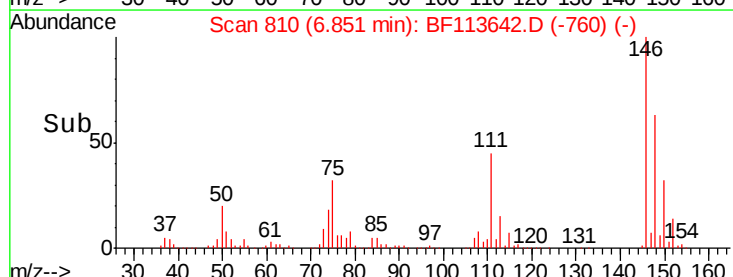
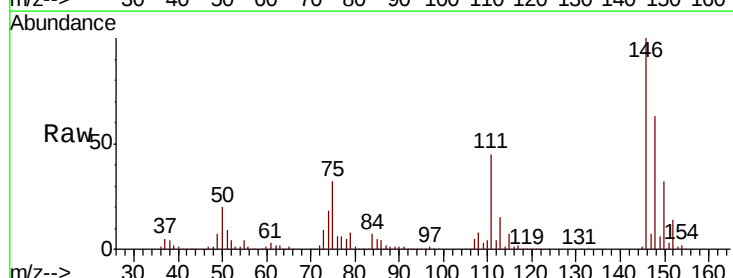
Manual Integrations
 APPROVED

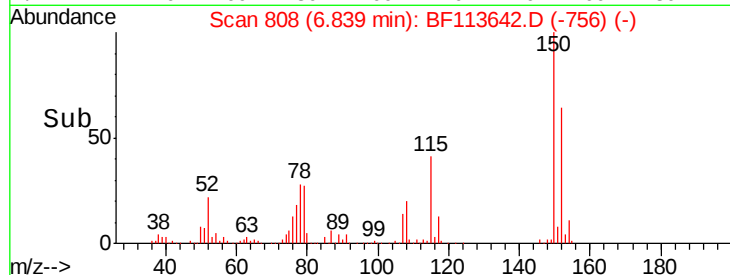
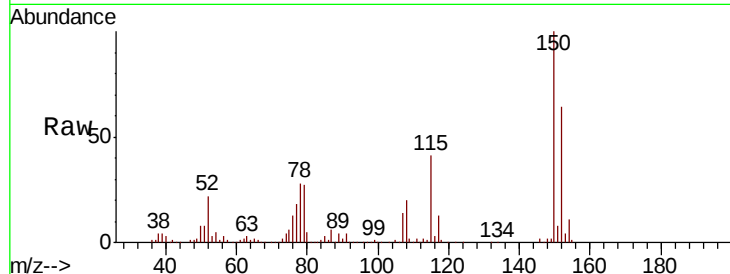
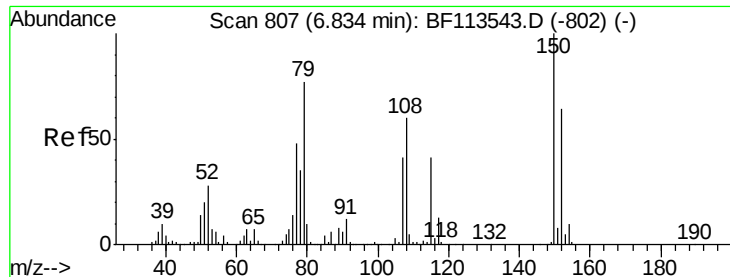
Sohil
 4/9/2019 10:15:35 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.549 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
396254	146	100			
	148	62.7	50.2	75.4	
	111	44.6	35.4	53.2	





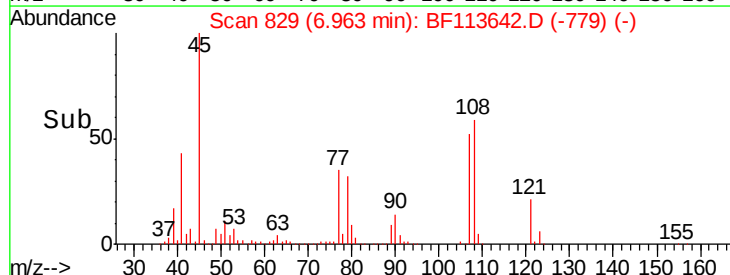
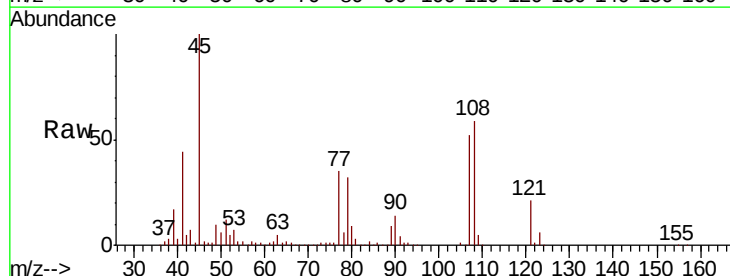
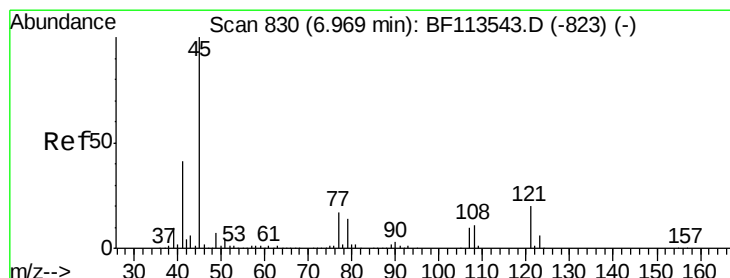
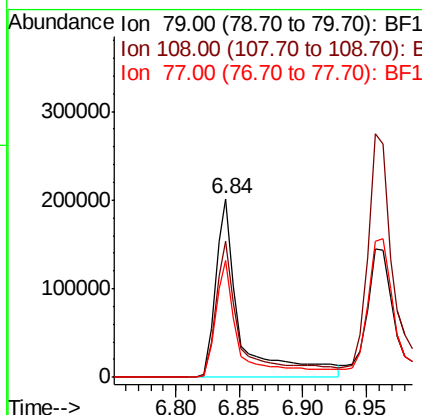
#15
Benzyl Alcohol
Concen: 37.807 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.1	62.0	93.0	
77	65.3	49.9	74.9	

Instrument :
BNA_F
ClientSampleId :
PB118680BS

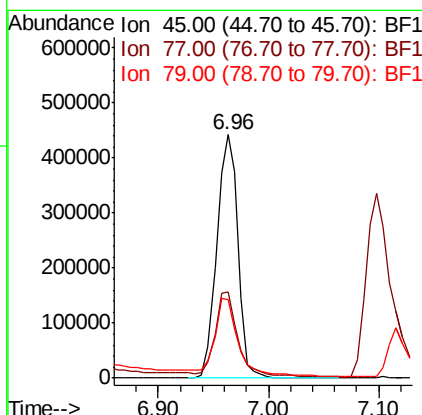
Manual Integrations
APPROVED

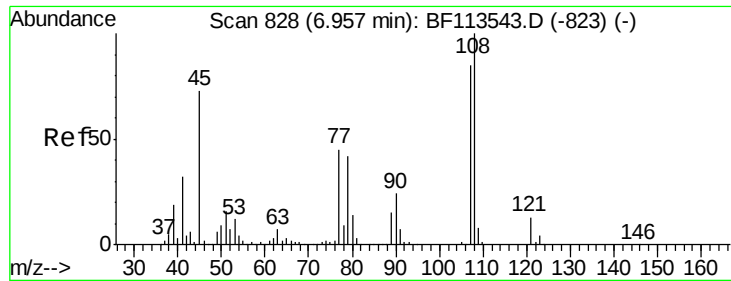
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.888 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	35.5	0.0	36.6	
79	32.4	0.0	34.0	





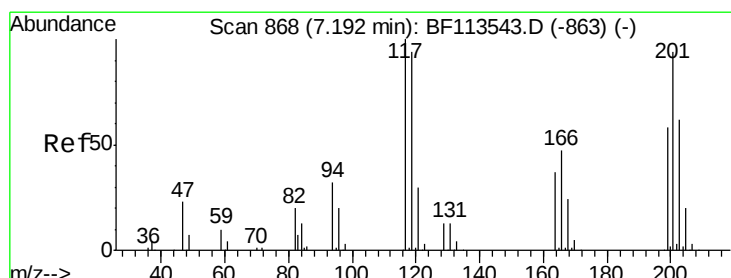
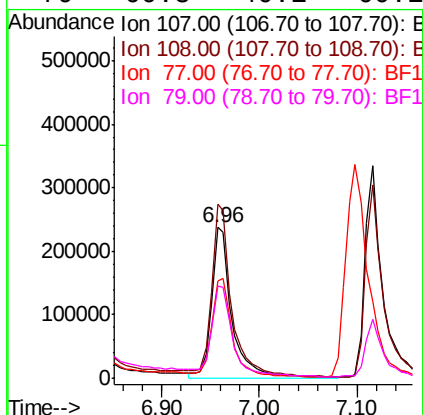
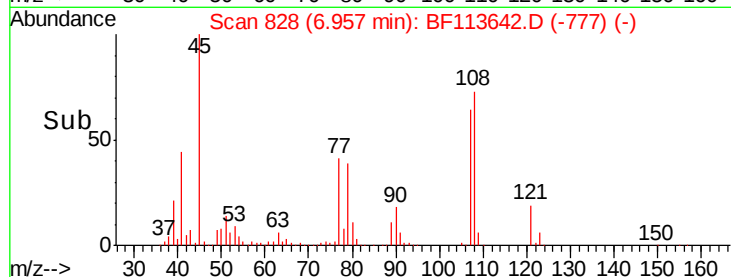
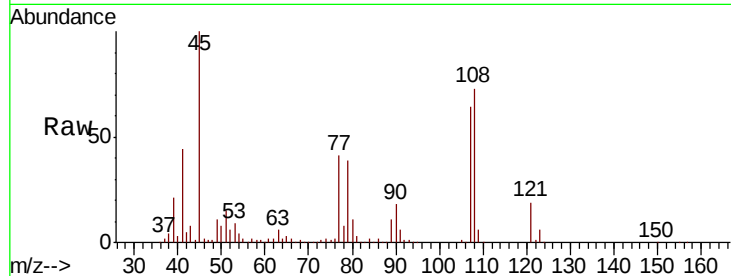
#17
2-Methylphenol
Concen: 43.228 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampled :
PB118680BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	93.4	140.0	
77	64.7	41.2	61.8	
79	60.8	40.1	60.1	

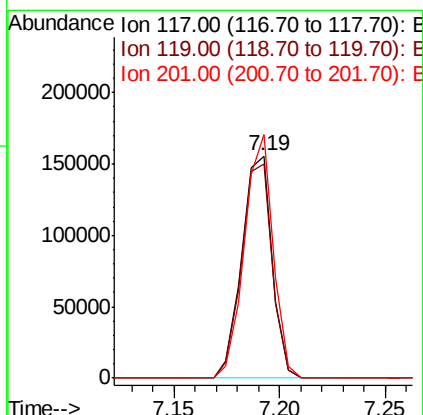
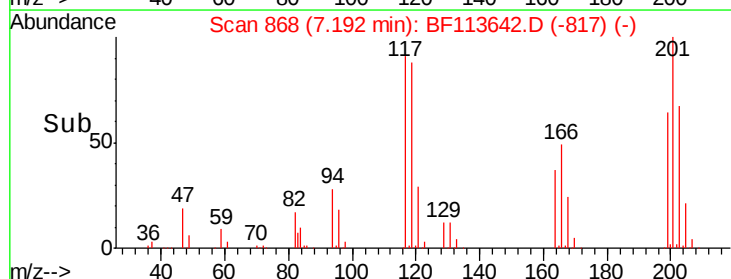
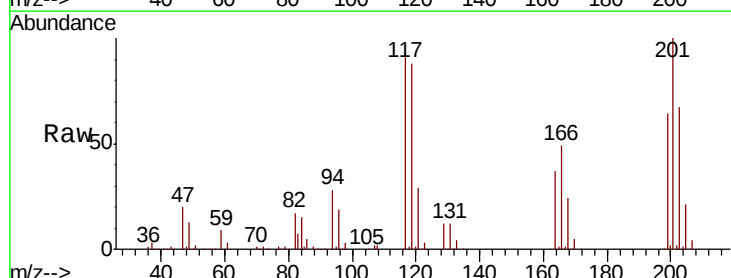
Manual Integrations
APPROVED

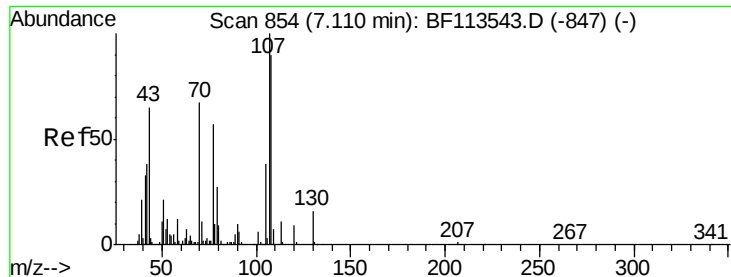
Sohil
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#18
Hexachloroethane
Concen: 38.345 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.9	115.3	
201	109.6	78.7	118.1	





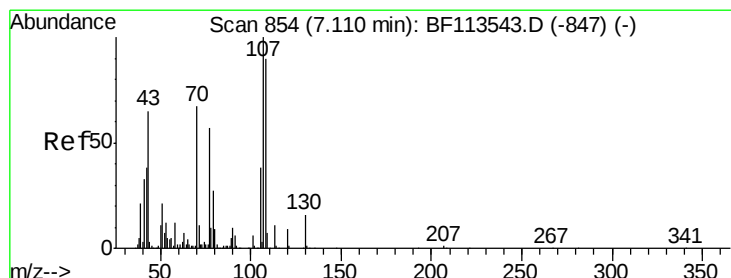
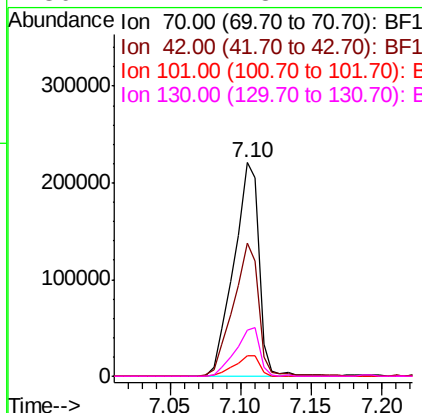
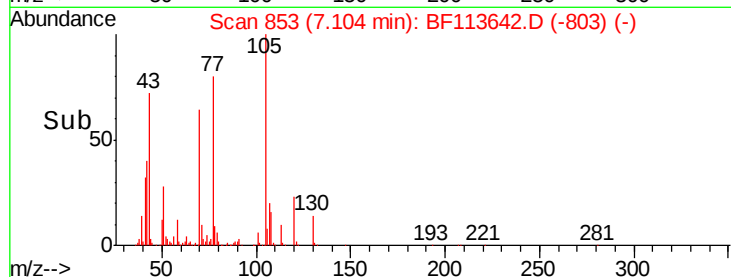
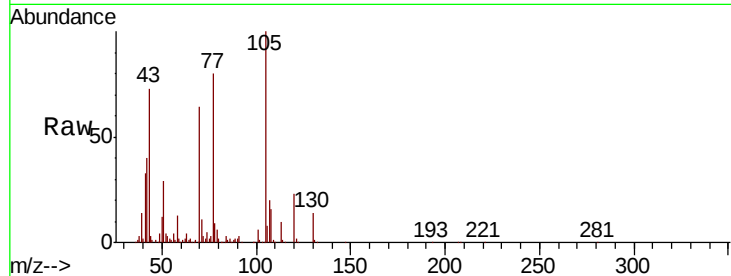
#19
n-Nitroso-di-n-propylamine
Concen: 41.035 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		274937		
42	62.1	48.4	72.6		
101	9.8	7.8	11.8		
130	21.4	18.2	27.4		

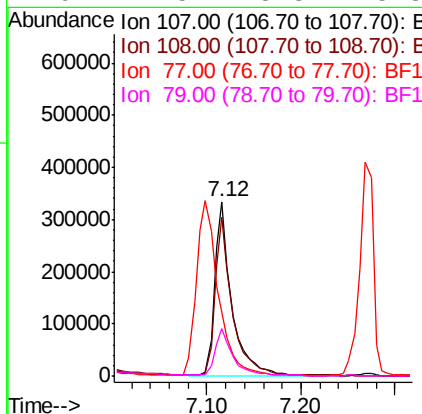
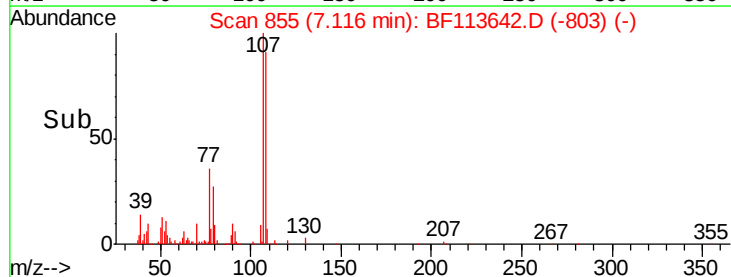
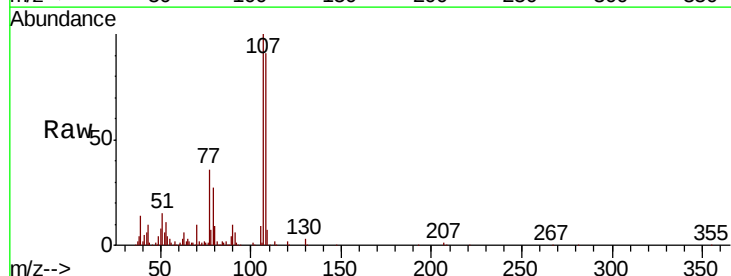
Manual Integrations
APPROVED

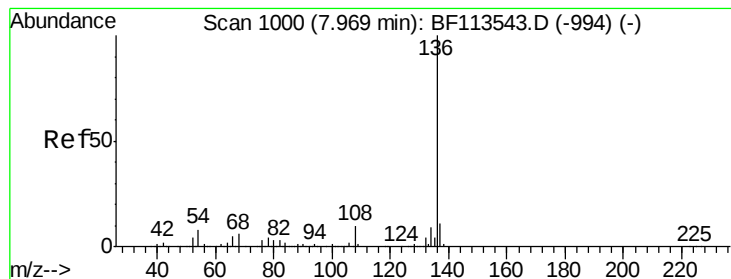
Sohil
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#20
3+4-Methylphenols
Concen: 44.288 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		424169		
108	91.0	71.4	111.4		
77	36.4	33.5	73.5		
79	27.5	8.3	48.3		





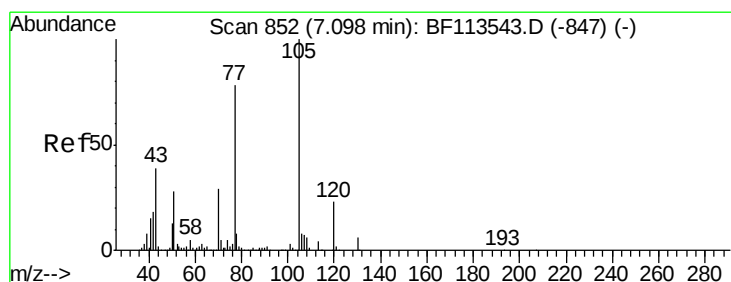
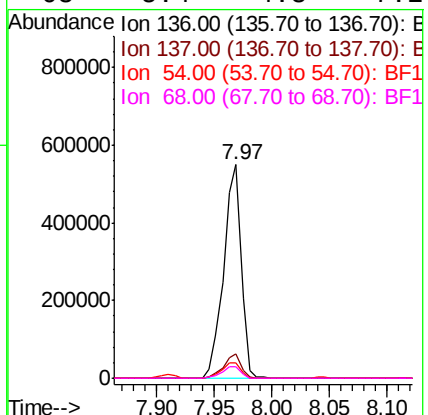
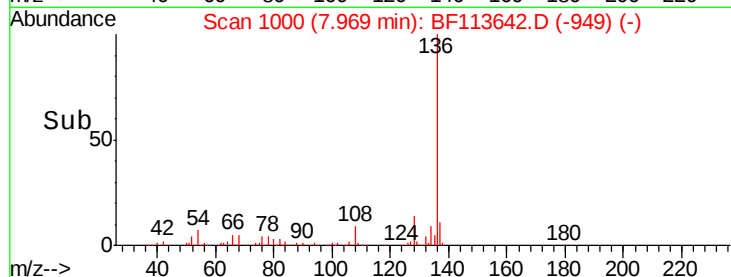
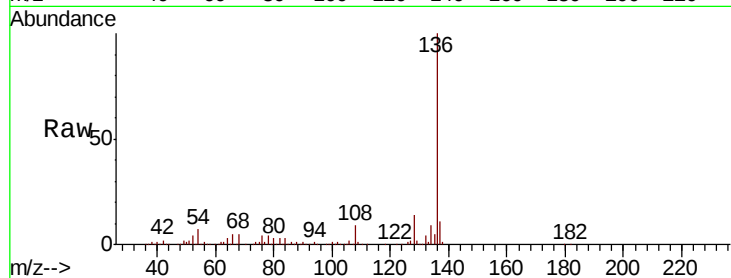
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.4	7.0	10.6	
68	5.4	4.8	7.2	

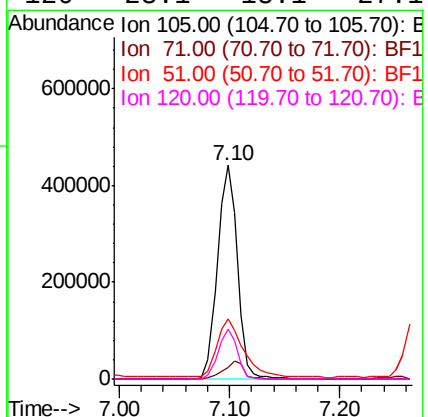
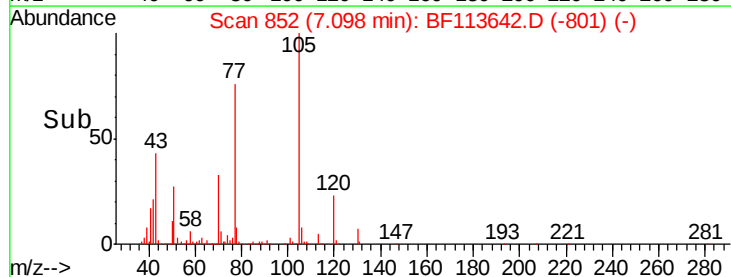
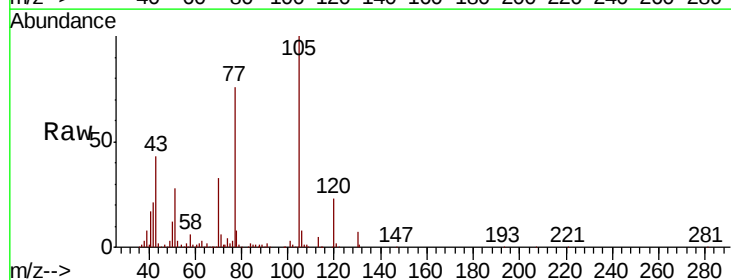
Manual Integrations
APPROVED

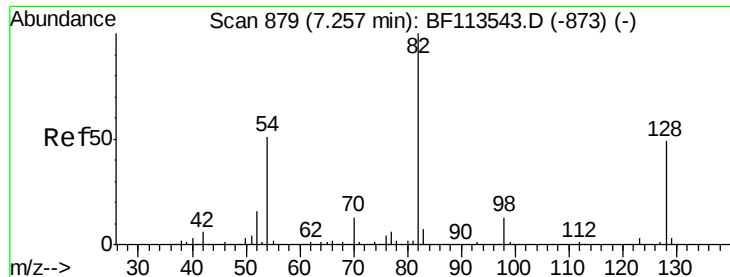
Sohil
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#22
Acetophenone
Concen: 43.180 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	3.3	4.9#	
51	28.0	24.2	36.2	
120	23.1	18.1	27.1	





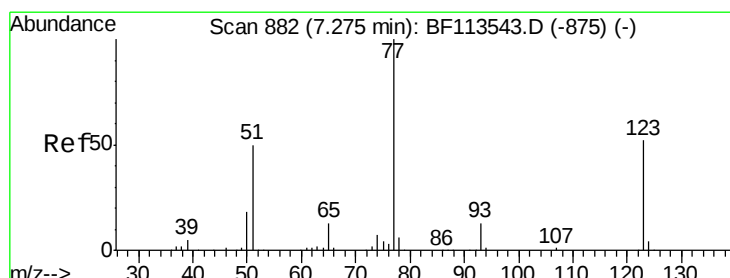
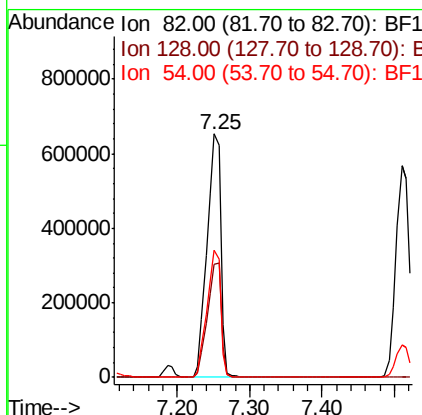
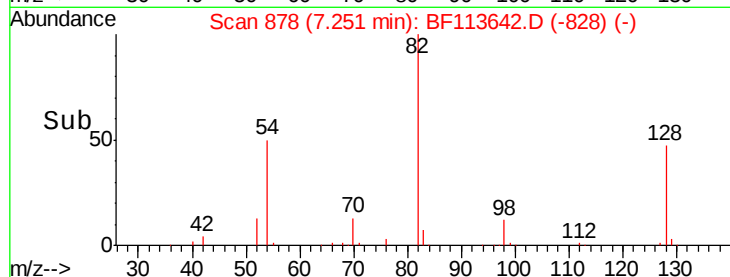
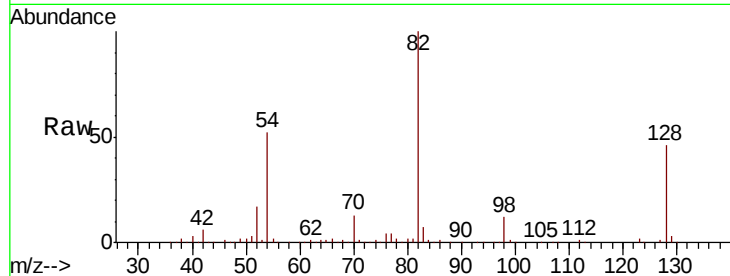
#23
Nitrobenzene-d5
Concen: 87.397 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	52.0	42.2	63.2

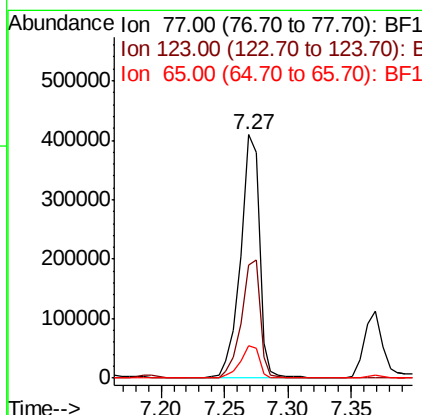
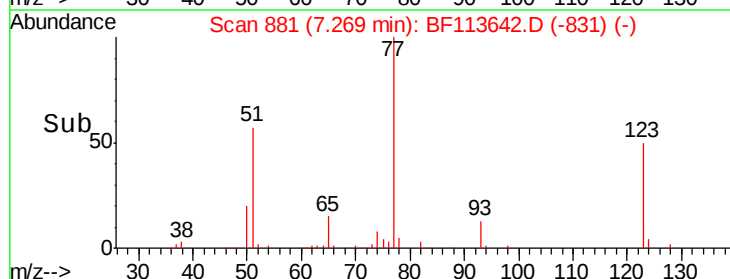
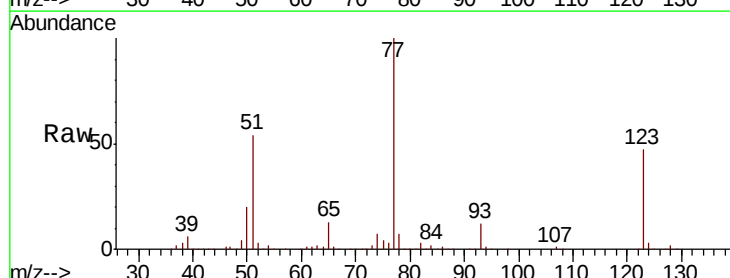
Manual Integrations
APPROVED

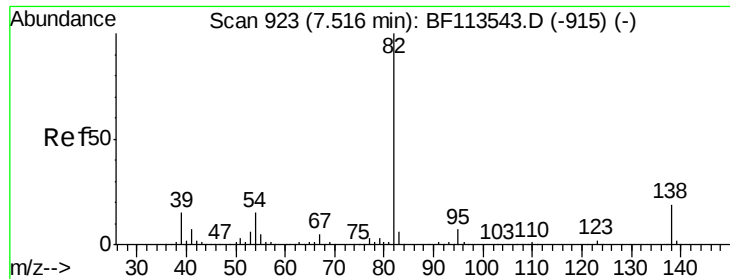
Sohil
4/9/2019 10:15:35 AM



#24
Nitrobenzene
Concen: 40.829 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	40.8	61.2
65	13.4	10.6	16.0





#25

Isophorone

Concen: 40.861 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

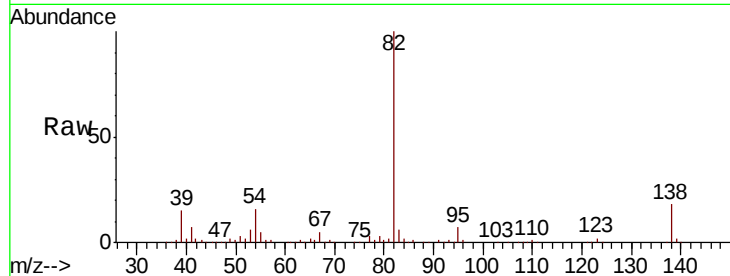
ClientSampleId :

PB118680BS

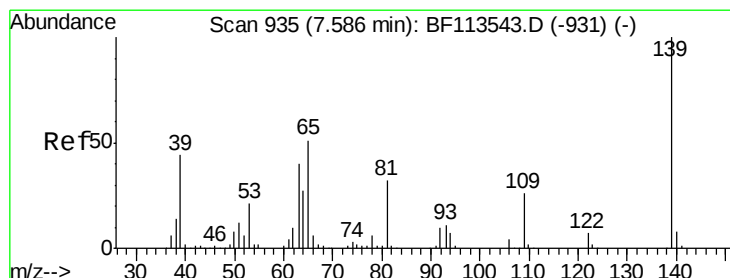
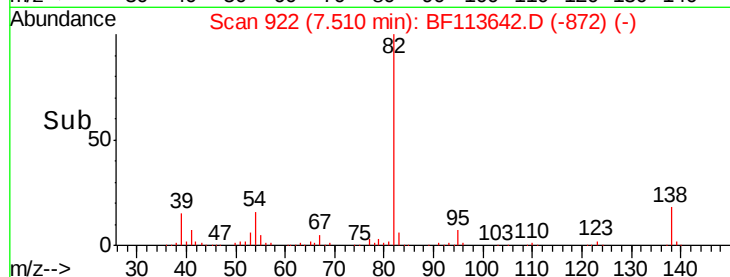
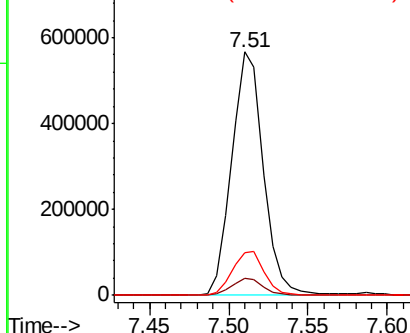
Tot Ion:	82	Resp:	783876
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	17.7	15.2	22.8

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.070 ng

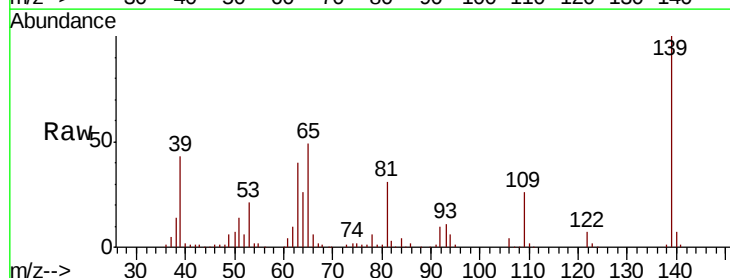
RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

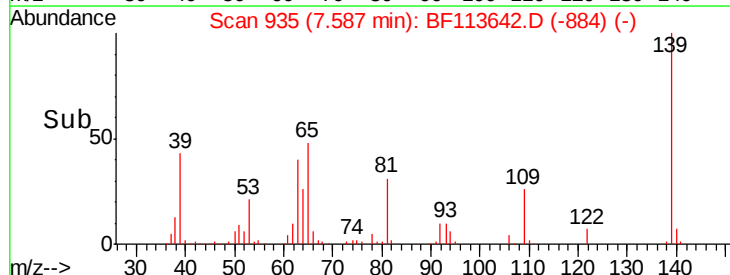
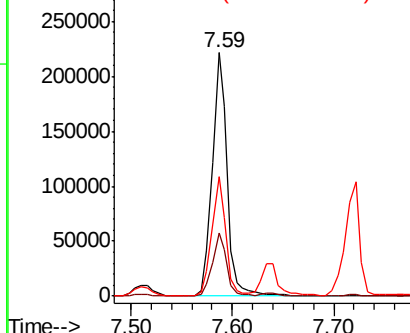
Lab File: BF113642.D

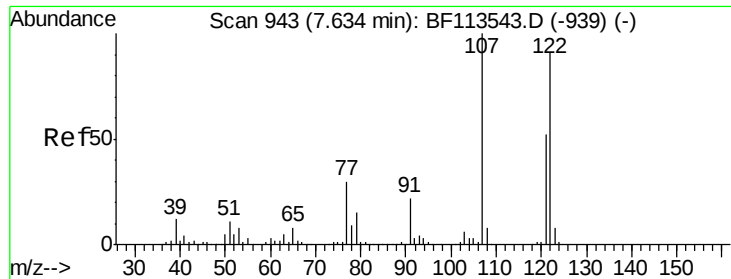
Acq: 8 Apr 2019 16:22

Tgt Ion:	139	Resp:	226689
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.7	32.5
65	48.8	41.6	62.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





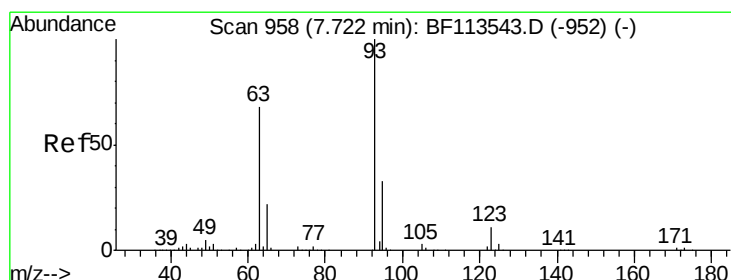
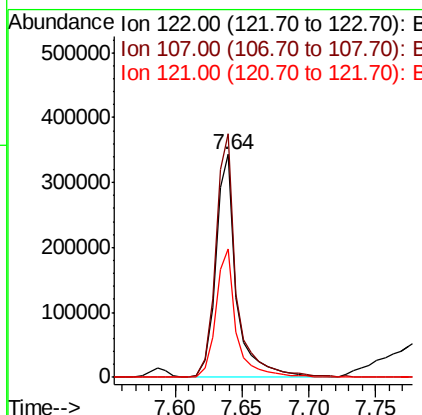
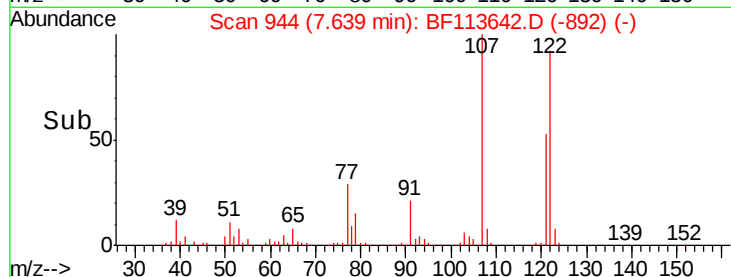
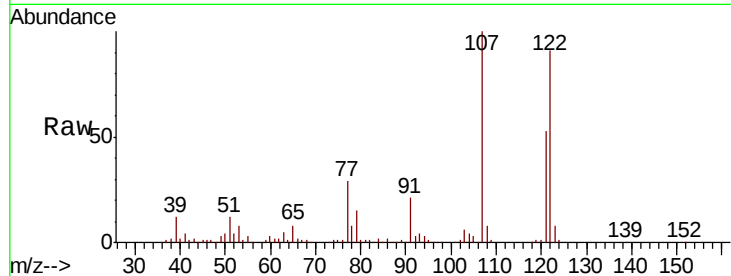
#27
 2,4-Dimethylphenol
 Concen: 47.337 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.8	133.2
121	57.9	45.5	68.3

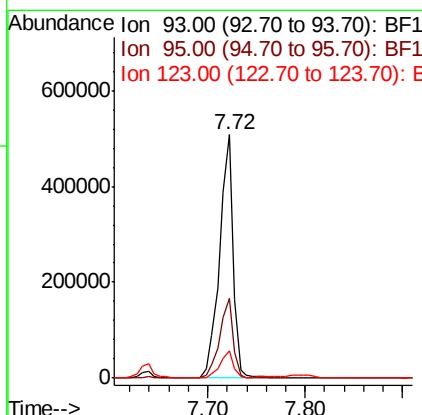
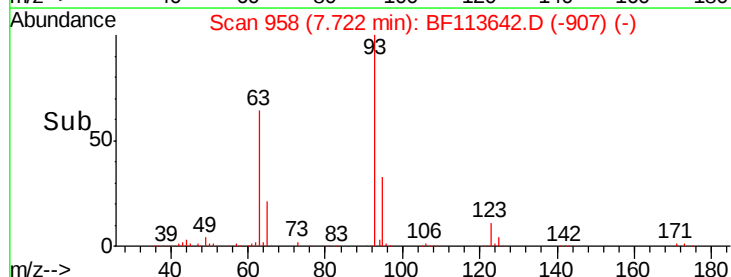
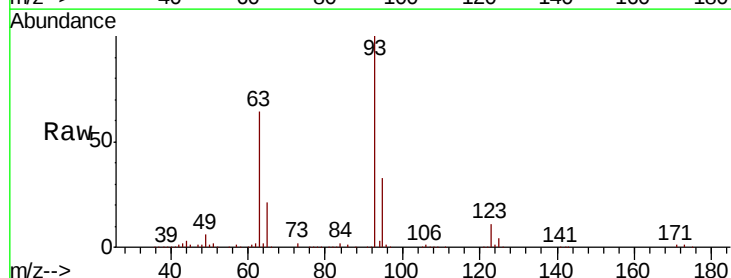
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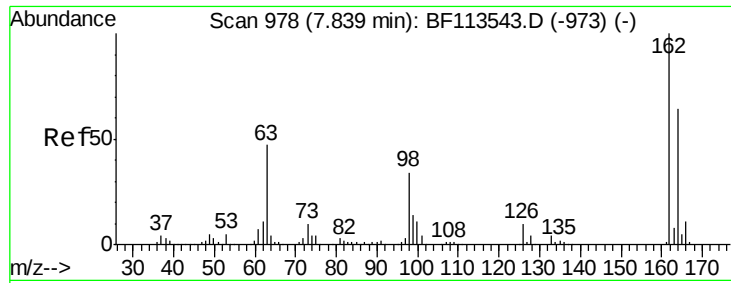
Sohil
 4/9/2019 10:15:35 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.810 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.4	9.1	13.7





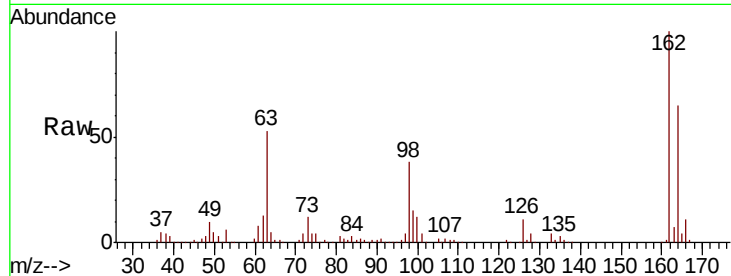
#29
2,4-Dichlorophenol
Concen: 42.343 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

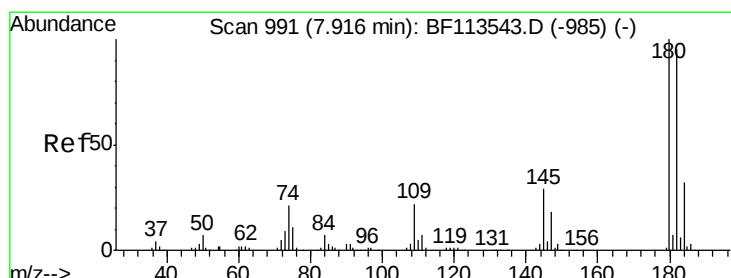
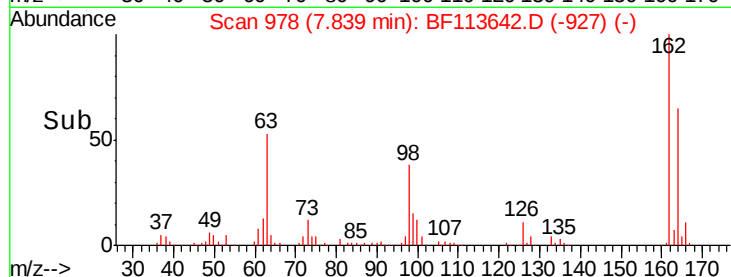
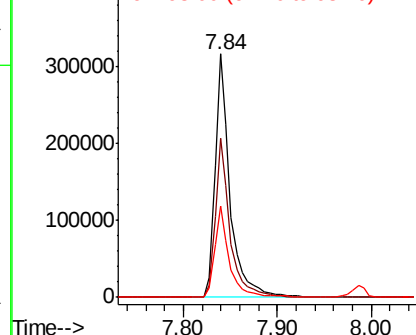
Tot Ion:	162	Resp:	357492
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.6	84.6
98	37.5	15.6	55.6

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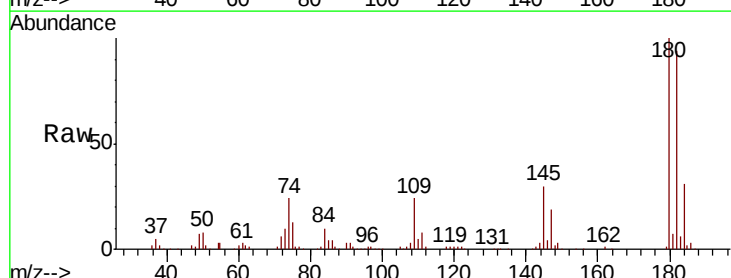


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

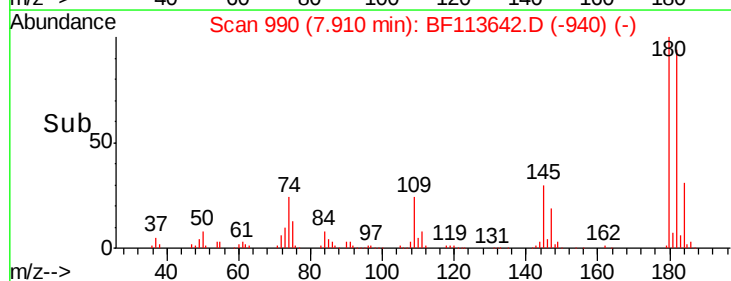
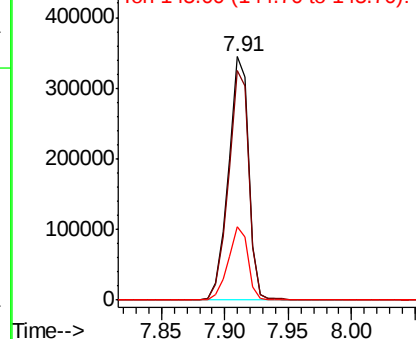


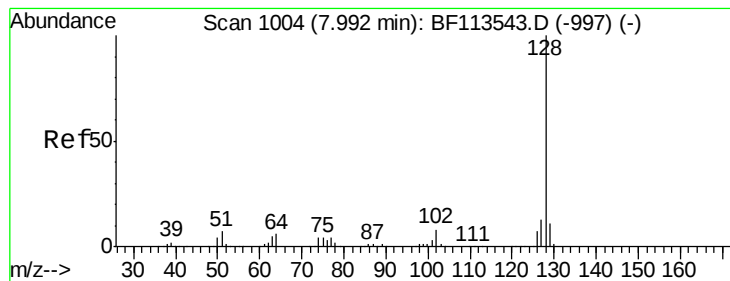
#30
1,2,4-Trichlorobenzene
Concen: 41.460 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion:	180	Resp:	380126
Ion Ratio	Lower	Upper	
180	100		
182	94.1	74.6	111.8
145	29.9	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.456 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

ClientSampleId :

PB118680BS

Tot Ion:128 Resp: 1171684

Ion Ratio Lower Upper

128 100

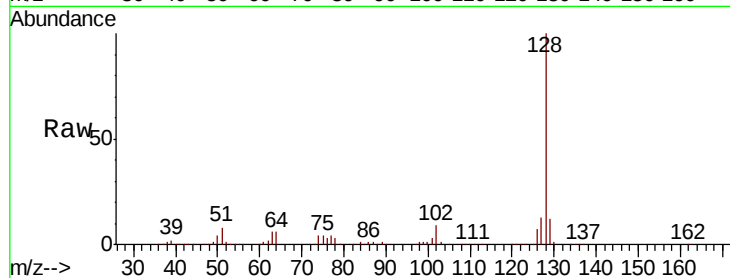
129 11.5 9.3 13.9

127 13.3 10.9 16.3

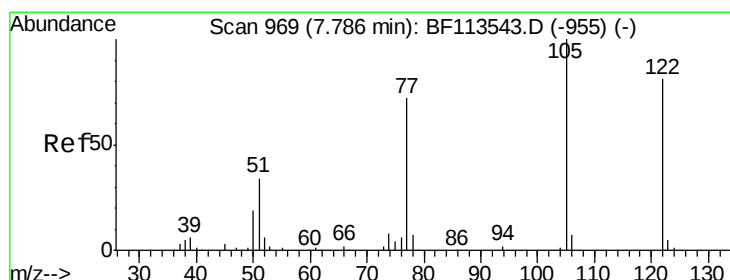
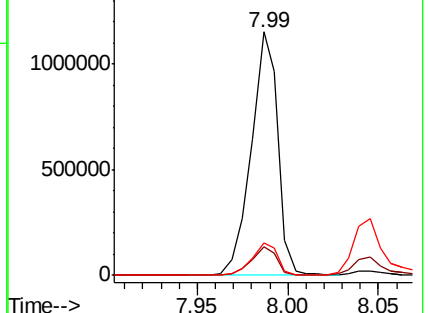
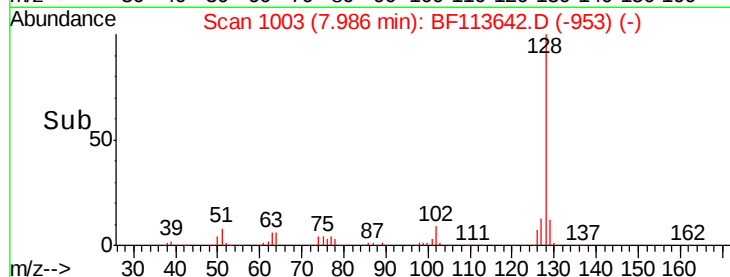
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.982 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

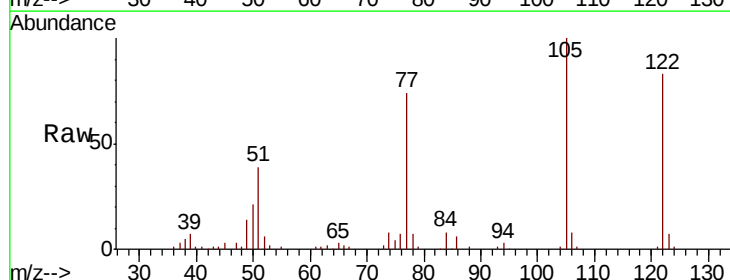
Tgt Ion:122 Resp: 219862

Ion Ratio Lower Upper

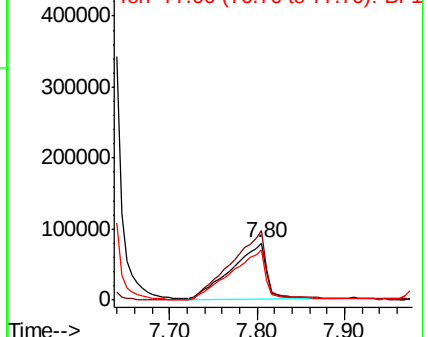
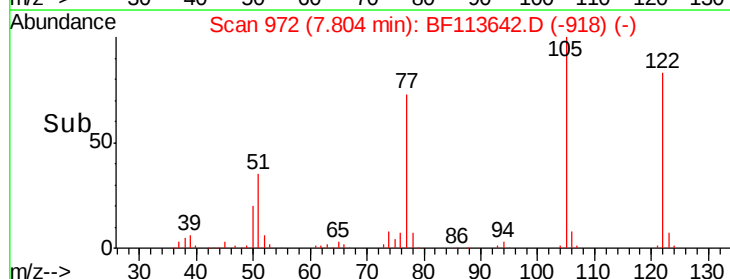
122 100

105 121.1 100.4 140.4

77 89.4 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





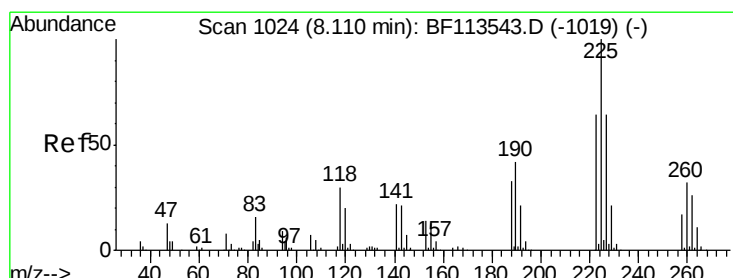
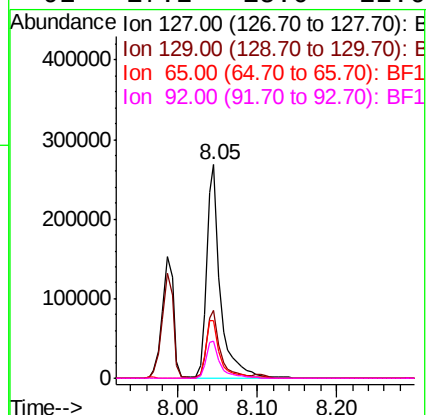
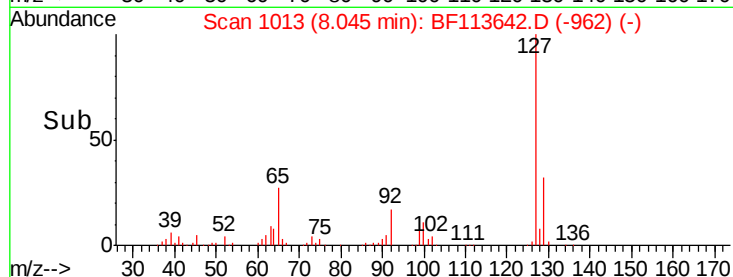
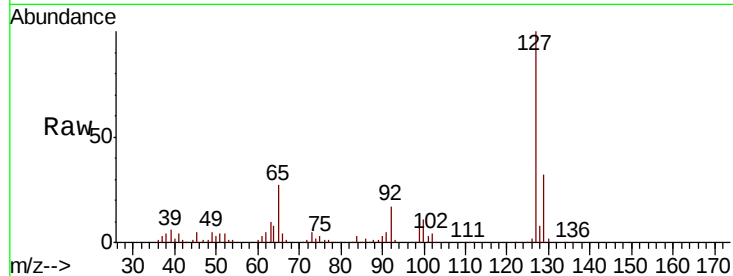
#33
4-Chloroaniline
Concen: 28.944 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.3	39.5		
65	27.1	24.2	36.4		
92	17.2	15.0	22.6		

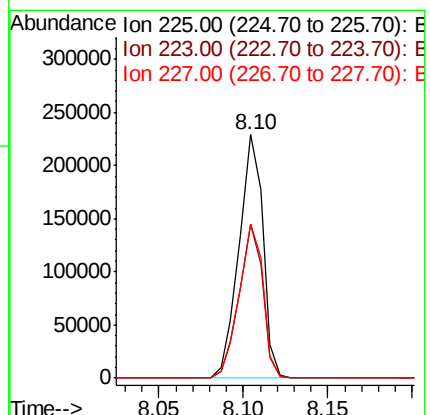
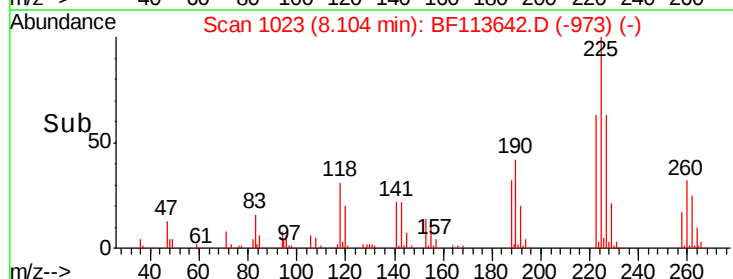
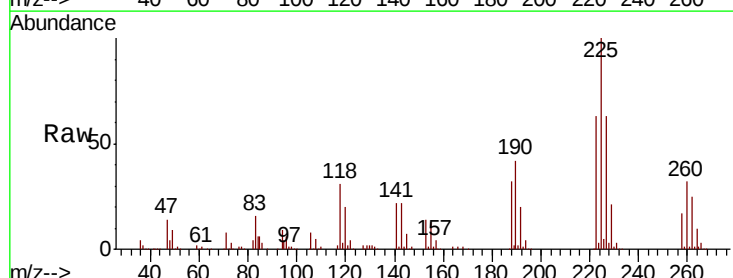
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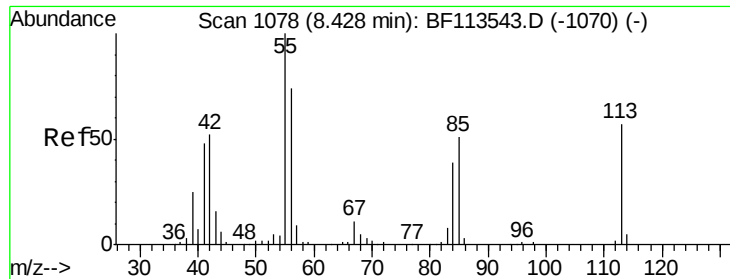
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#34
Hexachlorobutadiene
Concen: 40.515 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.4	77.2		
227	63.3	51.1	76.7		





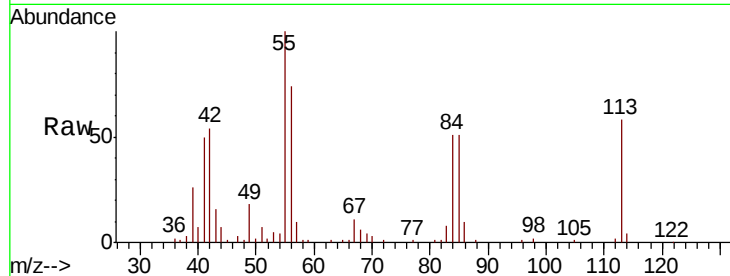
#35
Caprolactam
Concen: 41.595 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

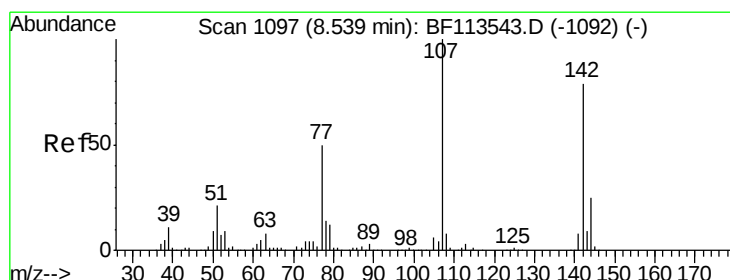
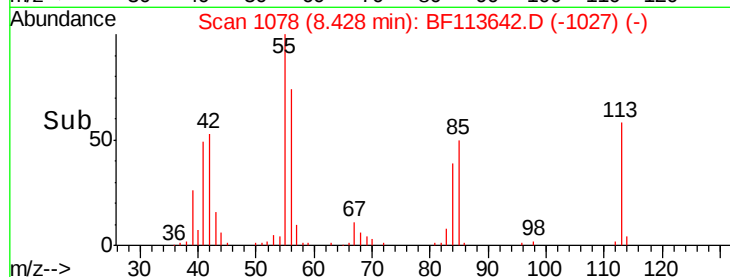
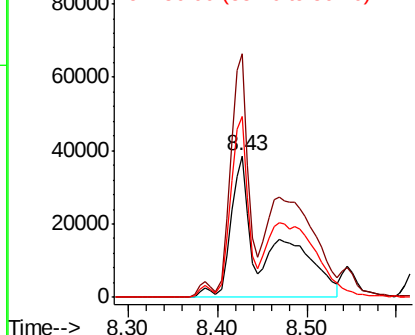
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	171.9	152.7	192.7		
56	127.3	108.3	148.3		

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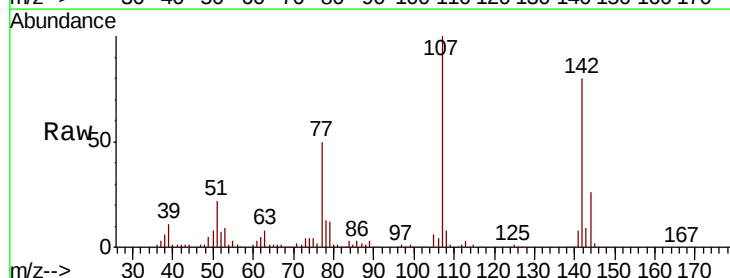


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

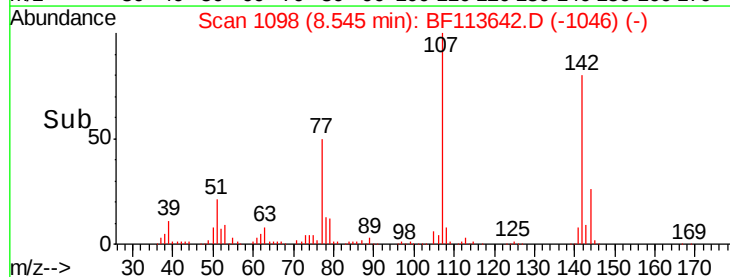
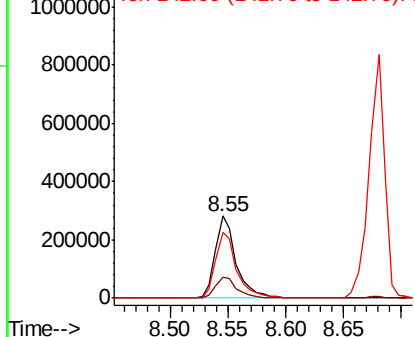


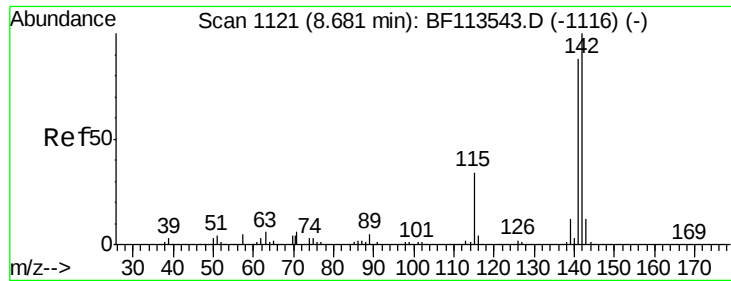
#36
4-Chloro-3-methylphenol
Concen: 41.771 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.1	21.4	32.0		
142	80.1	65.6	98.4		



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





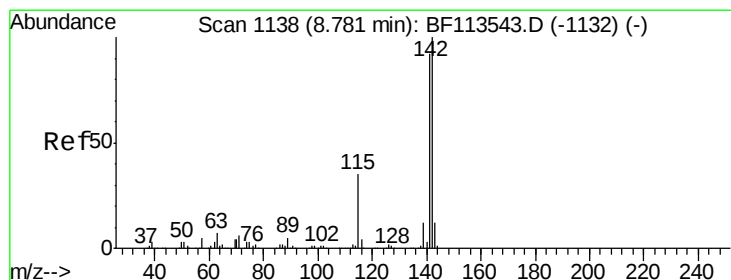
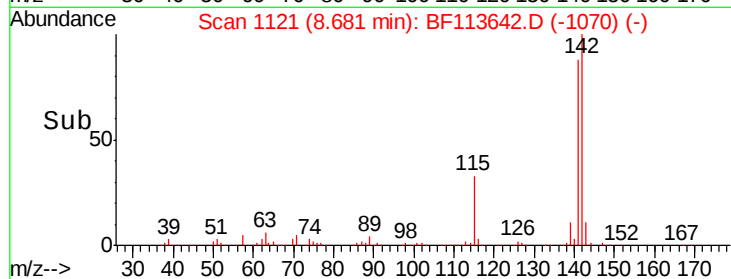
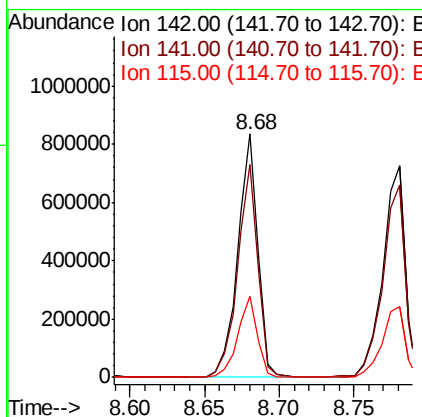
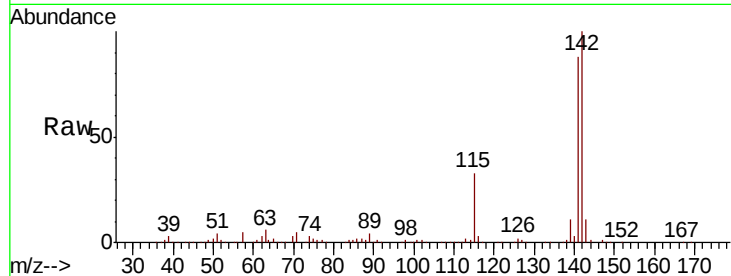
#37
2-Methylnaphthalene
Concen: 42.368 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6
115	33.3	26.6	39.8

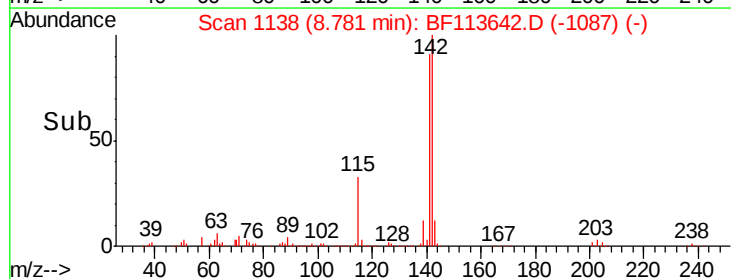
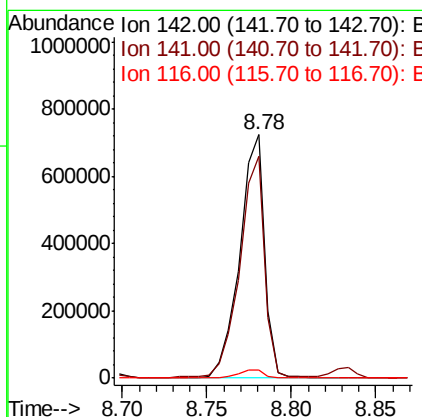
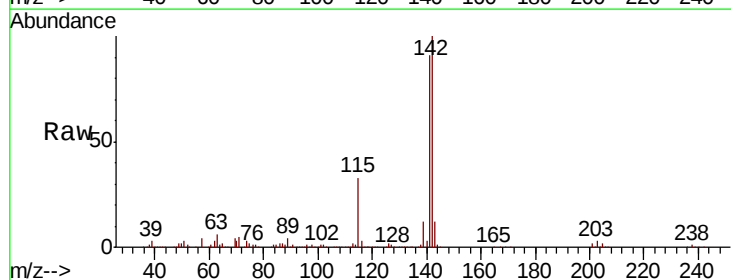
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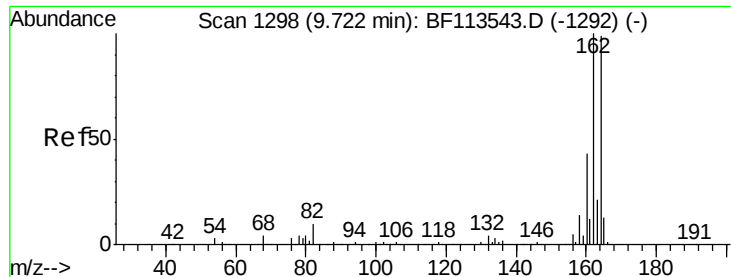
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#38
1-Methylnaphthalene
Concen: 41.244 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8
116	3.4	3.0	4.4





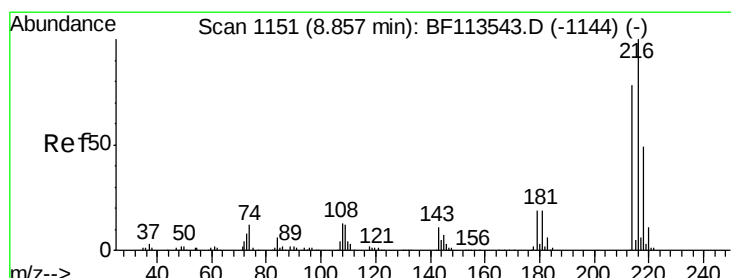
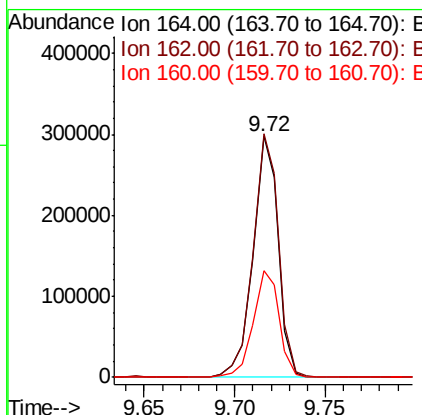
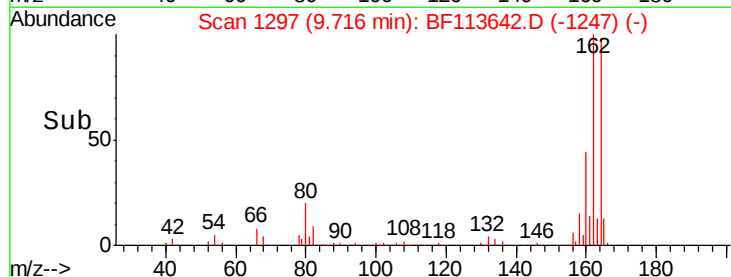
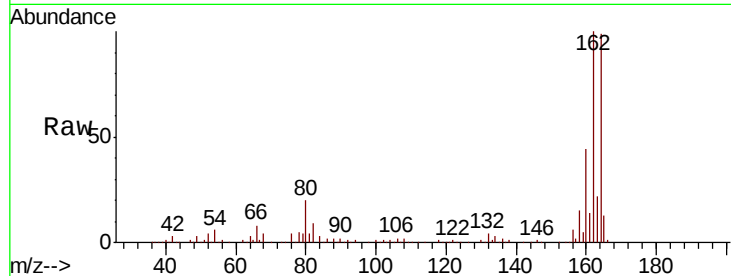
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	44.6	36.4	54.6

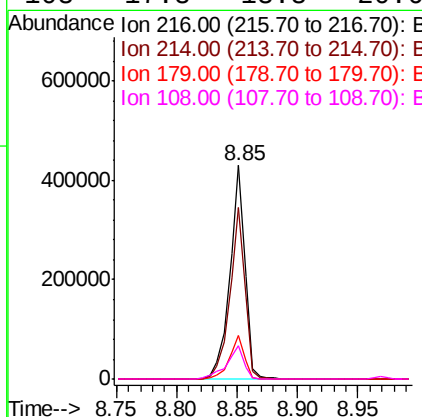
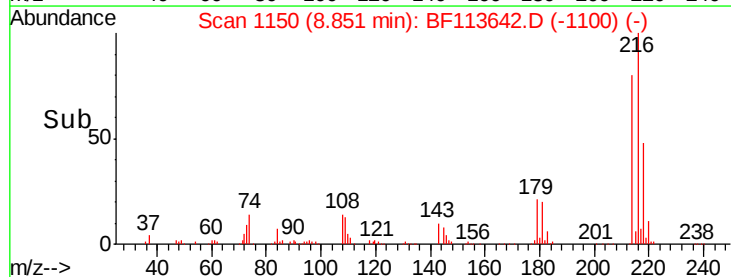
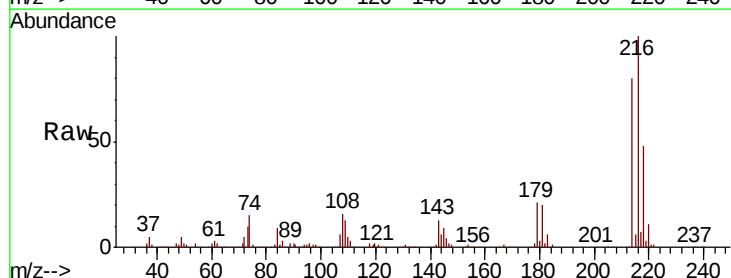
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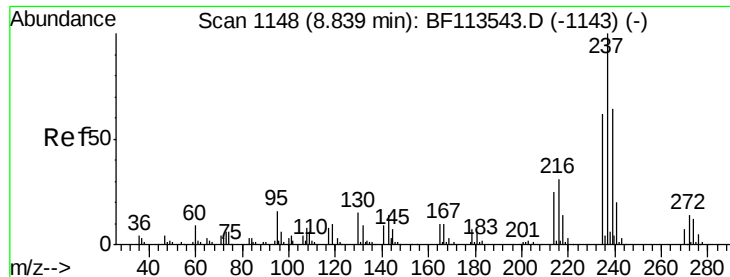
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.584 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	20.2	16.8	25.2
108	17.8	13.8	20.6





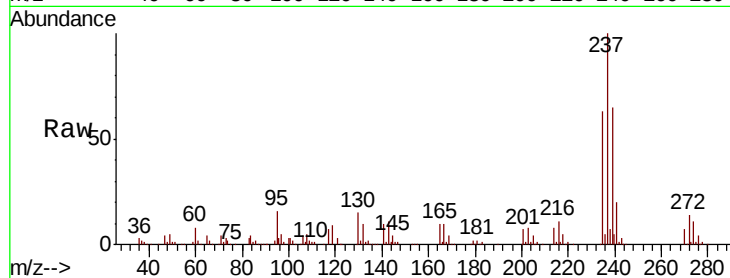
#41
Hexachlorocyclopentadiene
Concen: 83.228 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

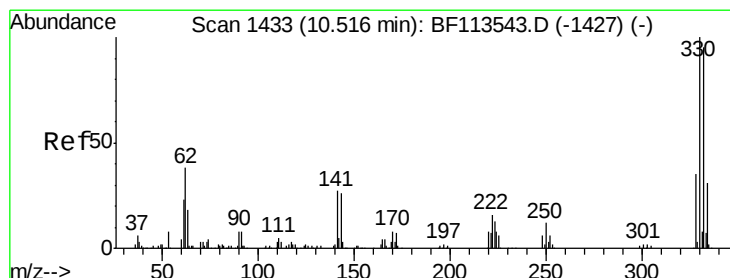
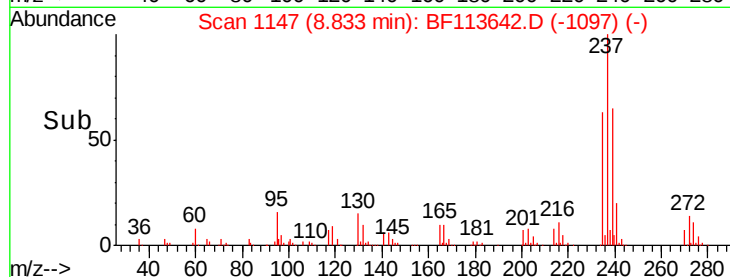
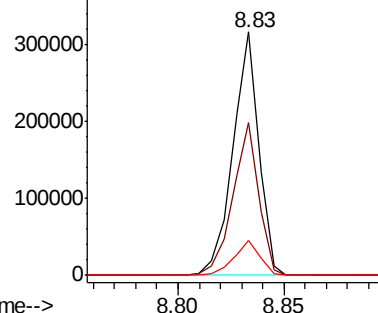
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	43.4	83.4
272	14.2	0.0	33.7

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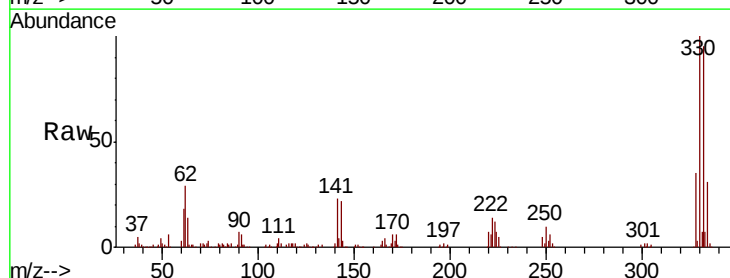


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

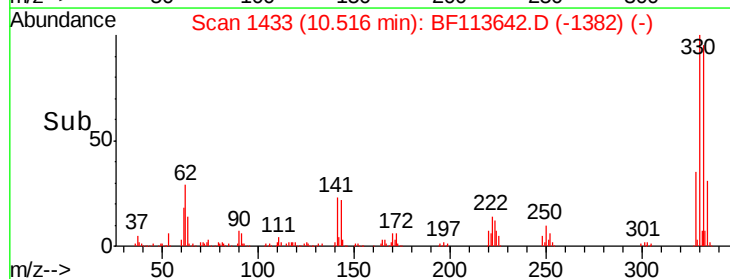
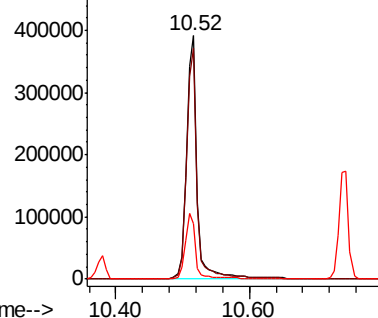


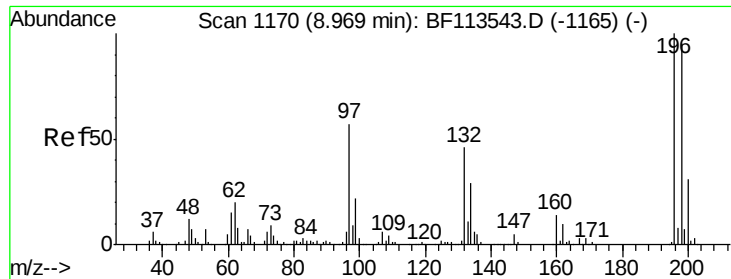
#42
2,4,6-Tribromophenol
Concen: 127.068 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.7	77.8	116.6
141	26.3	22.7	34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





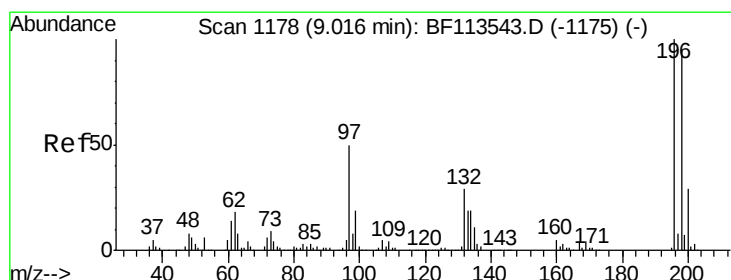
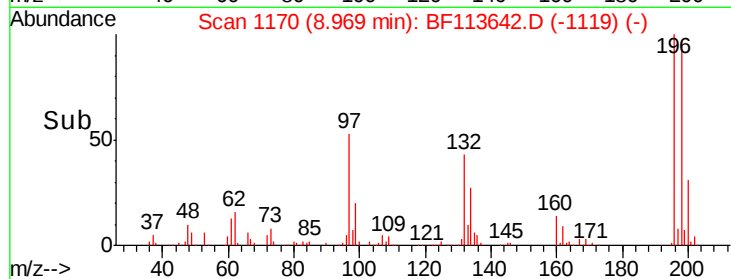
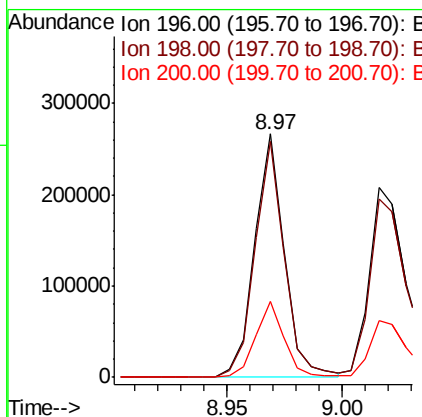
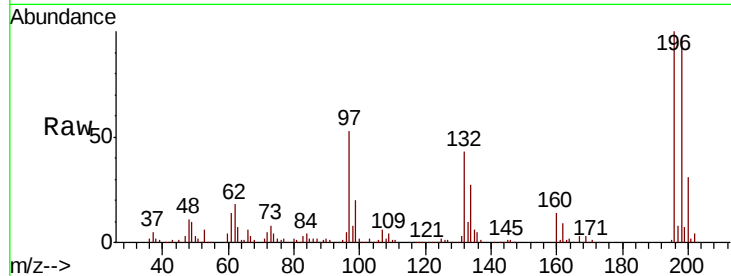
#43
 2,4,6-Trichlorophenol
 Concen: 41.375 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion:	196	Resp:	240991
Ion Ratio	Lower	Upper	
196	100		
198	96.7	77.7	116.5
200	31.2	24.9	37.3

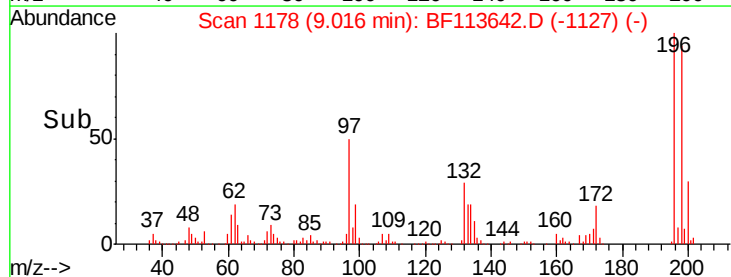
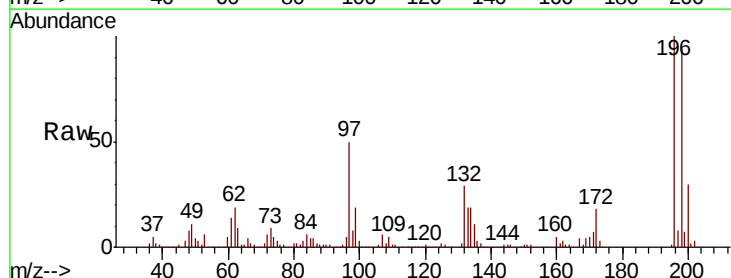
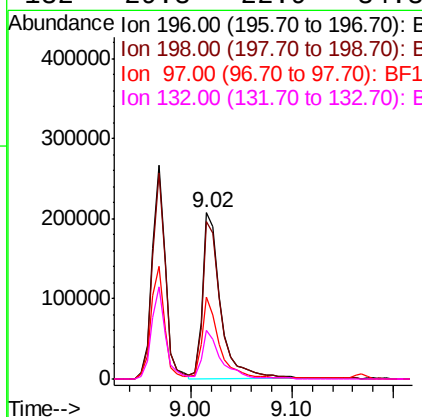
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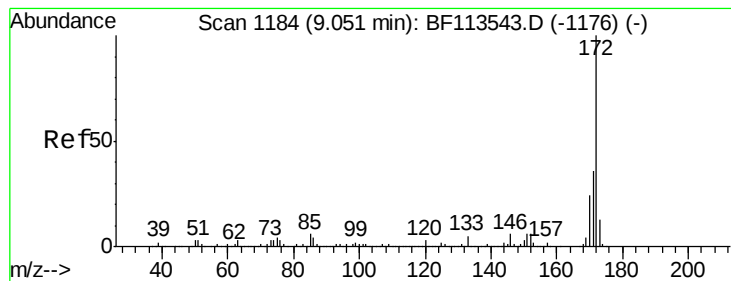
Sohil
 4/9/2019 10:15:35 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.461 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion:	196	Resp:	259264
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.4	113.2
97	49.7	38.6	58.0
132	29.3	22.9	34.3





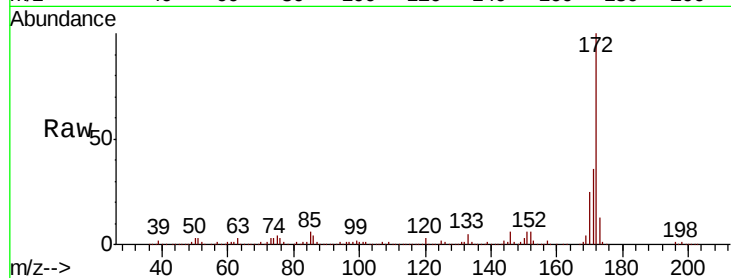
#45
2-Fluorobiphenyl
Concen: 88.494 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.9	19.5	29.3

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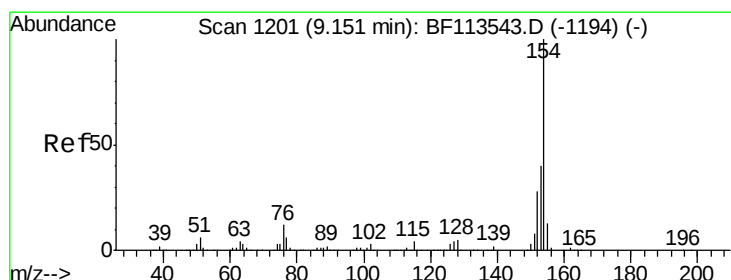
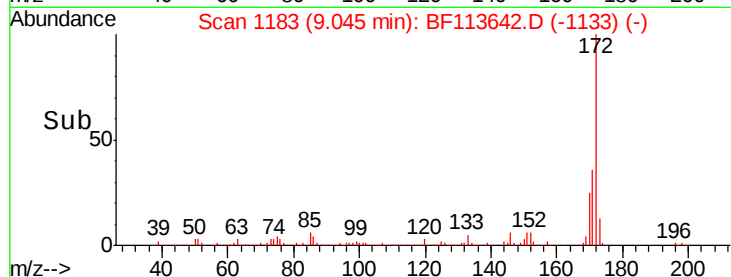
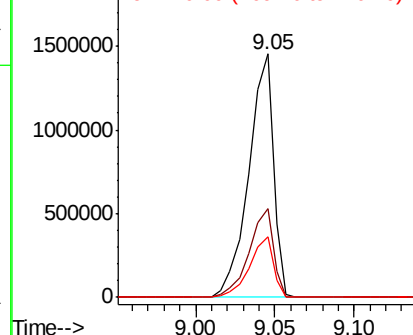


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.059 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

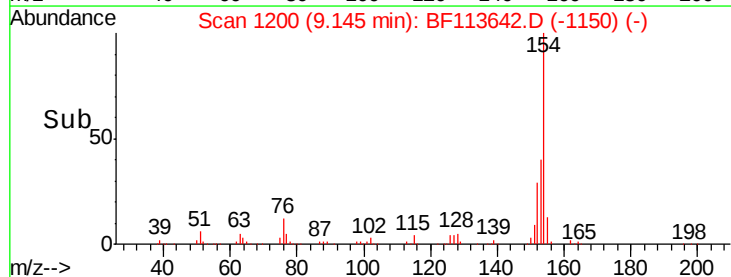
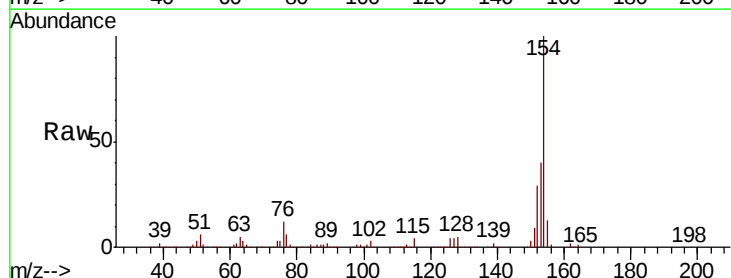
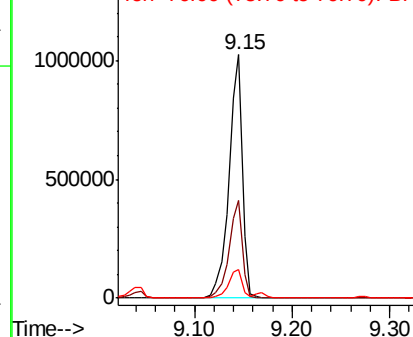
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	11.6	0.0	31.9

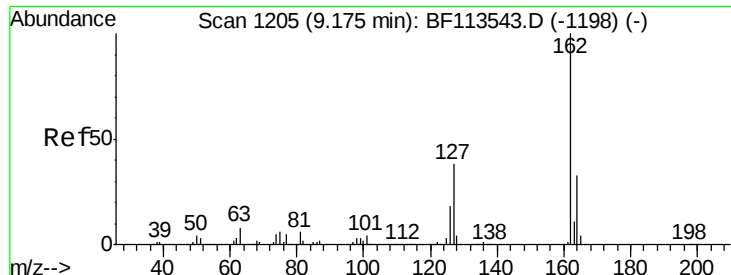
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





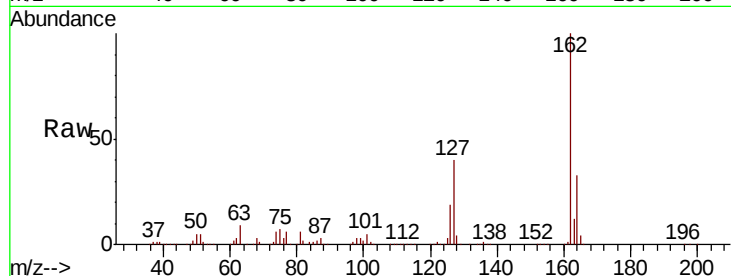
#47
 2-Chloronaphthalene
 Concen: 41.201 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleID :
 PB118680BS

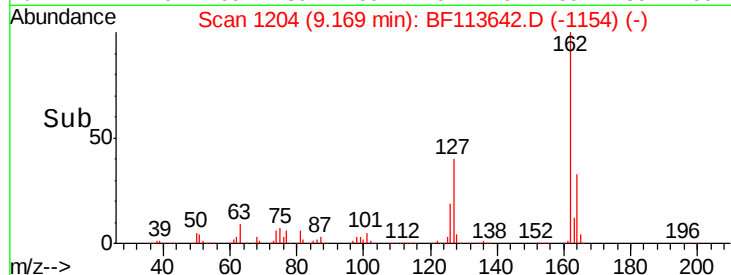
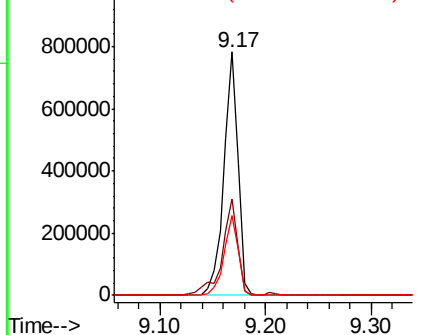
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		734458		
127	39.8	32.6	49.0		
164	32.9	26.6	39.8		

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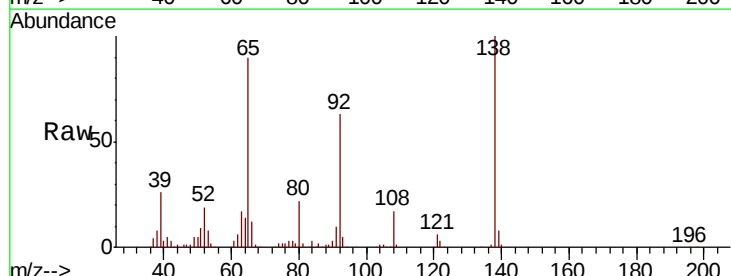
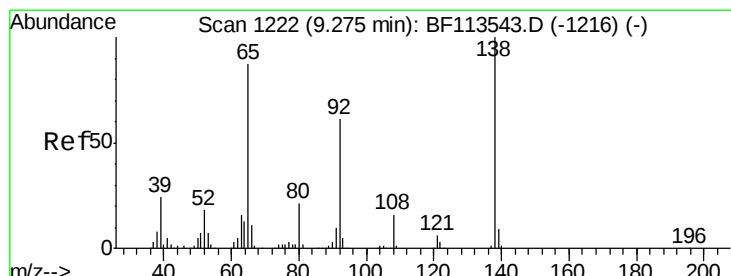
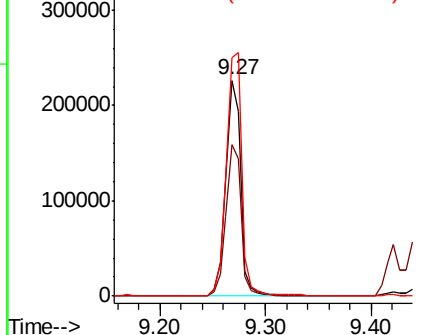
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

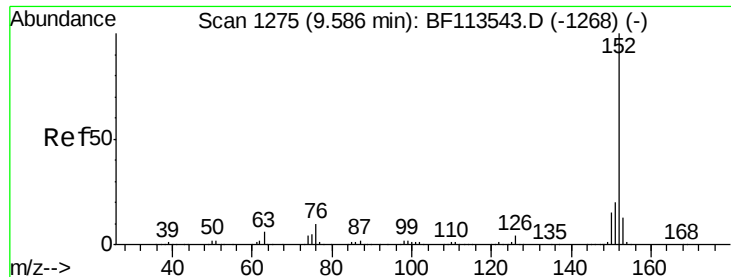


#48
 2-Nitroaniline
 Concen: 41.152 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		224468		
92	69.9	56.8	85.2		
138	110.7	92.3	138.5		

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.516 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

ClientSampleId :

PB118680BS

Tot Ion:152 Resp: 1145451

Ion Ratio Lower Upper

152 100

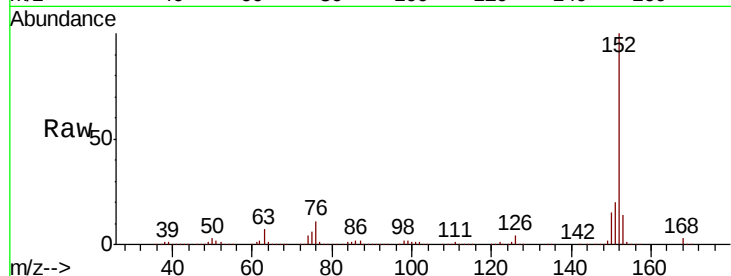
151 20.5 16.2 24.4

153 13.6 11.0 16.6

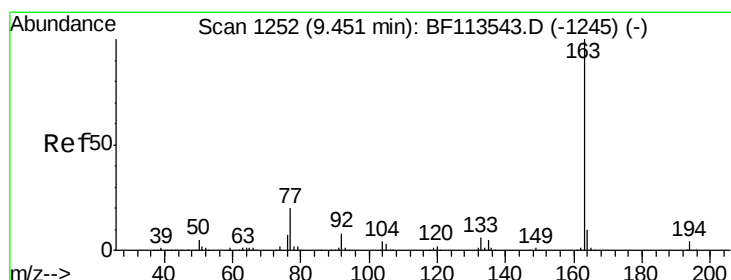
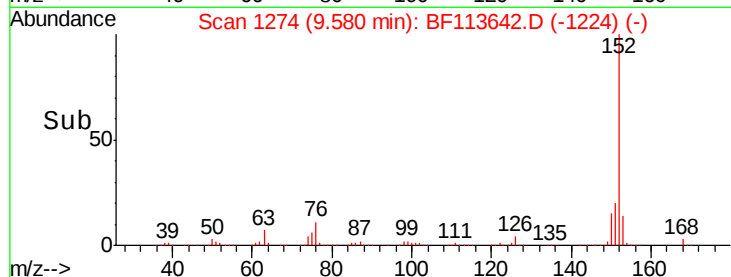
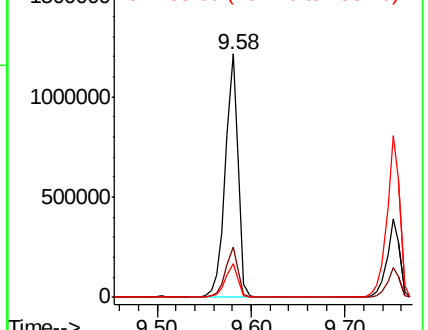
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.895 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

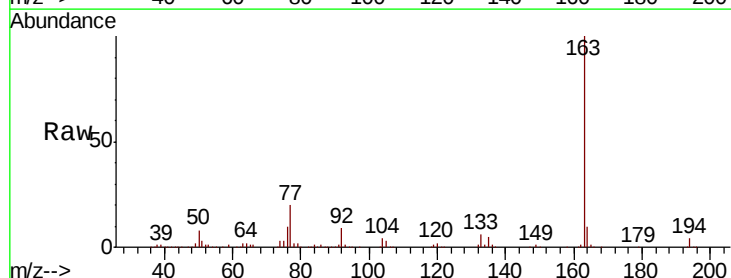
Tgt Ion:163 Resp: 860092

Ion Ratio Lower Upper

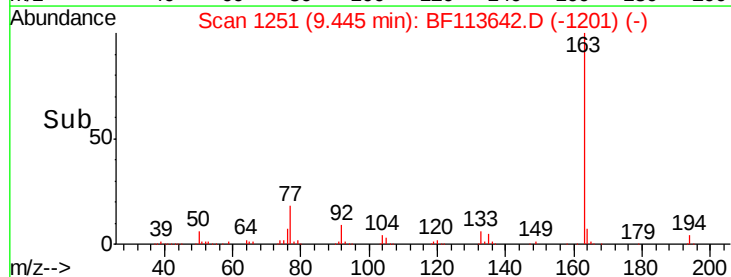
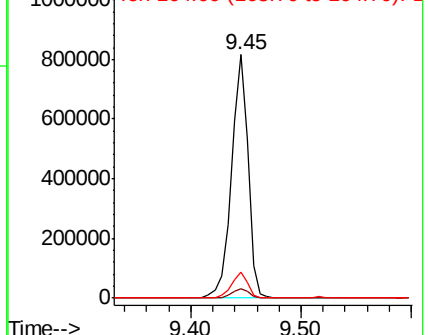
163 100

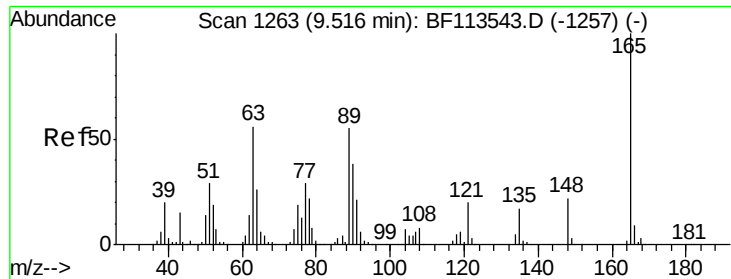
194 4.0 3.0 4.6

164 10.5 8.1 12.1



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





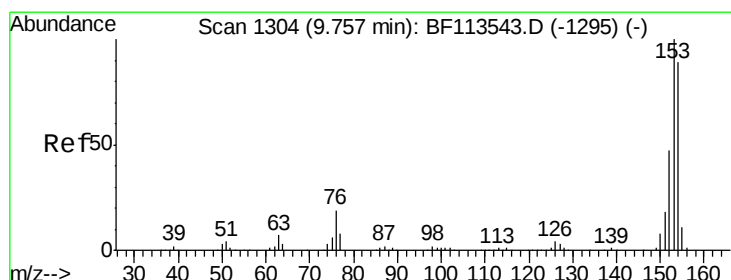
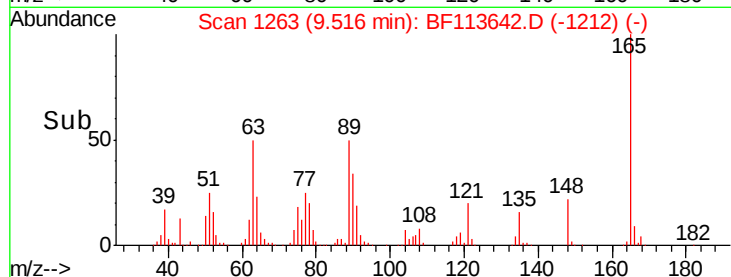
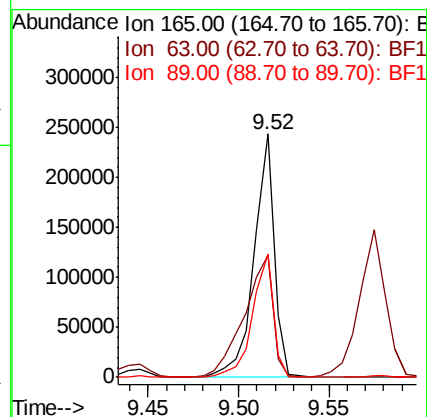
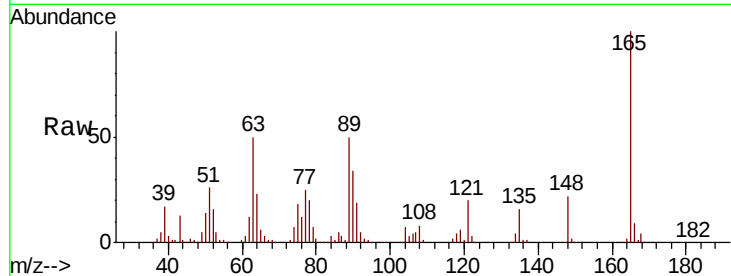
#51
2,6-Dinitrotoluene
Concen: 40.916 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.0	43.4	65.0
89	50.4	43.1	64.7

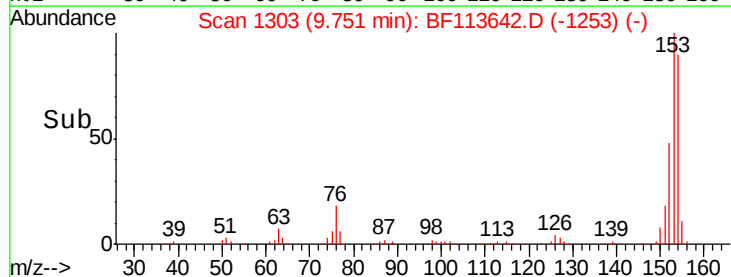
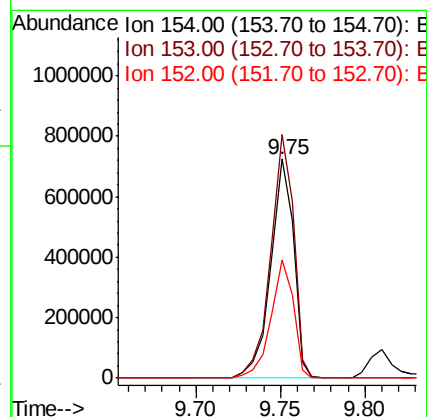
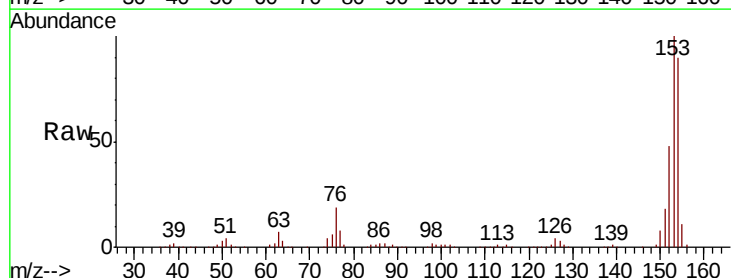
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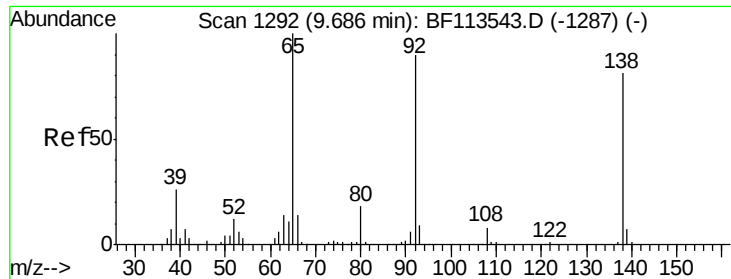
Sohil
4/9/2019 10:15:35 AM



#52
Acenaphthene
Concen: 41.083 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.3	89.5	134.3
152	53.7	43.3	64.9





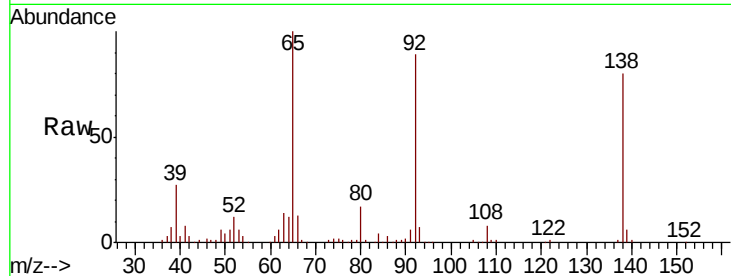
#53
3-Nitroaniline
Concen: 29.322 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	111.0	82.6	124.0

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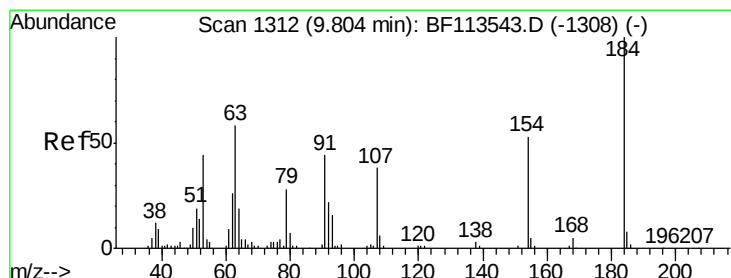
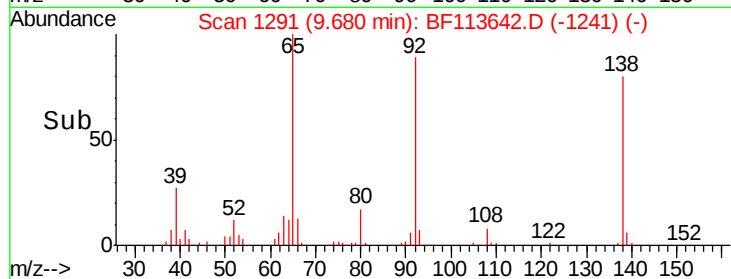
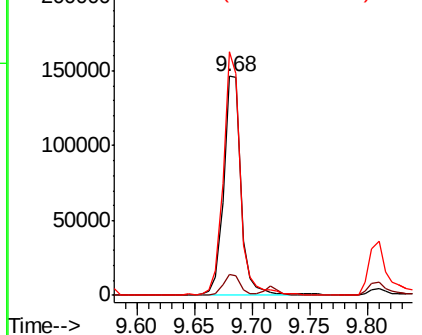


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 85.779 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

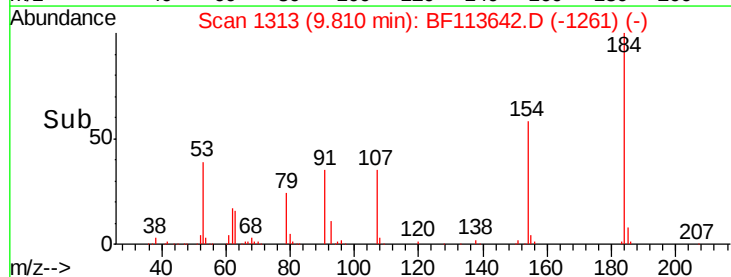
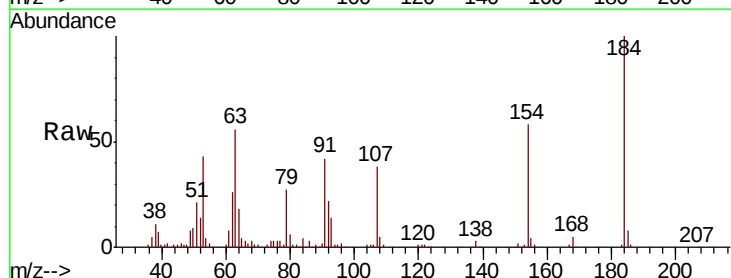
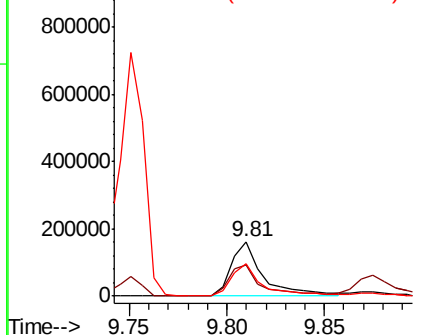
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.9	54.3	81.5
154	58.3	48.4	72.6

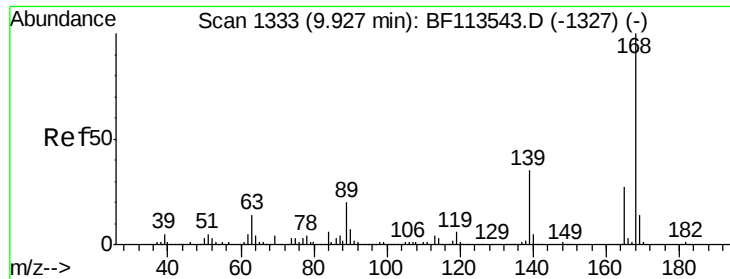
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





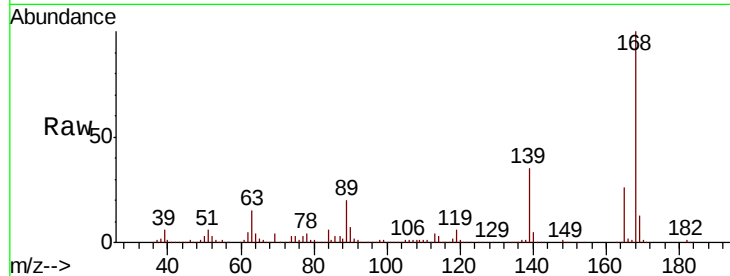
#55
Dibenzenofuran
Concen: 40.605 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	29.7	44.5
169	13.3	10.7	16.1

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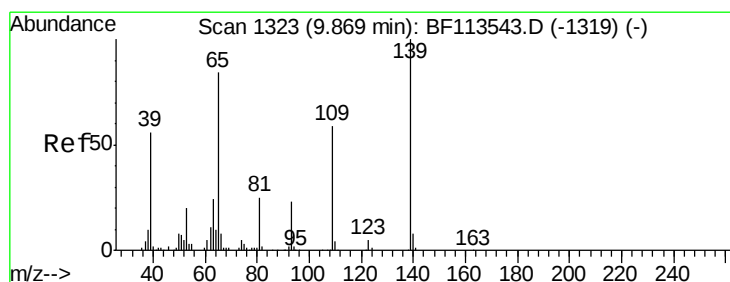
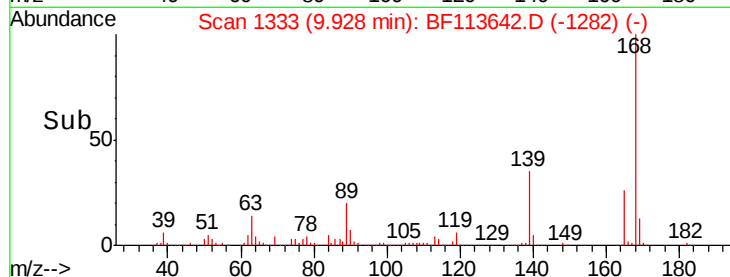
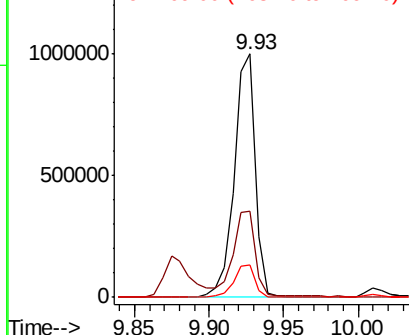


Abundance

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



#56
4-Nitrophenol
Concen: 68.558 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

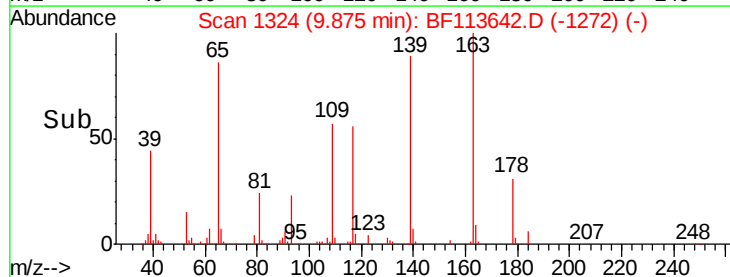
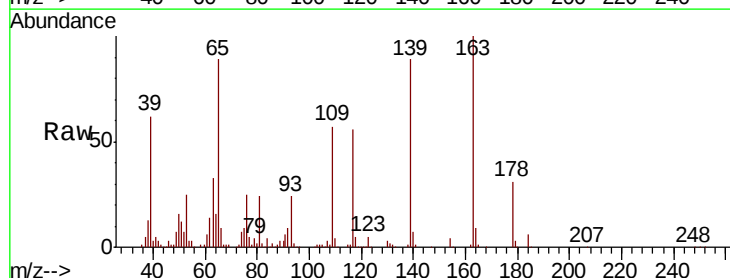
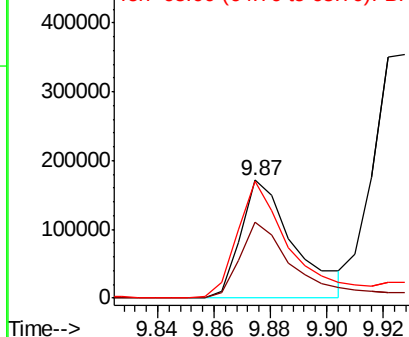
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	46.9	86.9
65	99.2	77.2	117.2

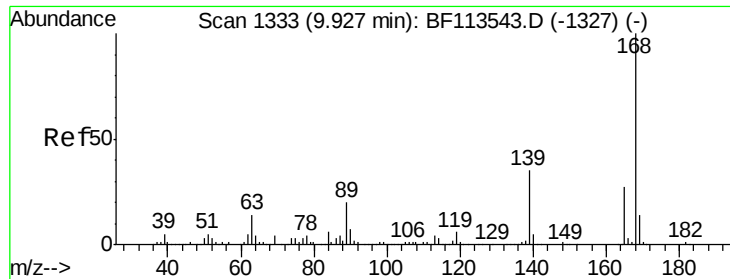
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





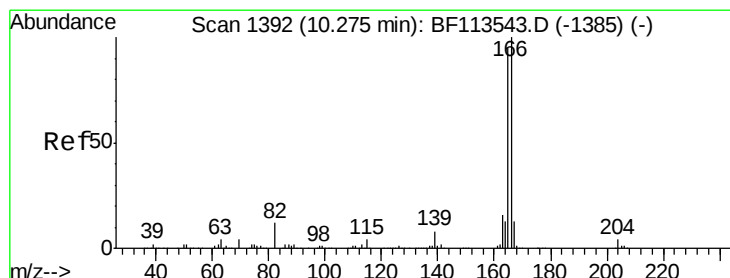
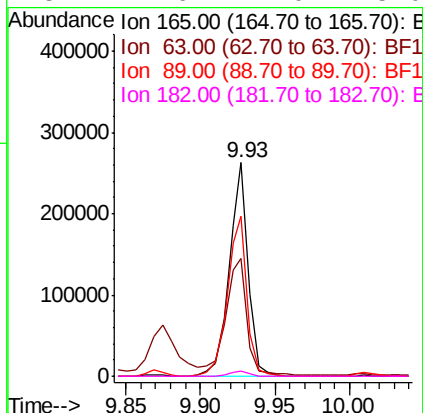
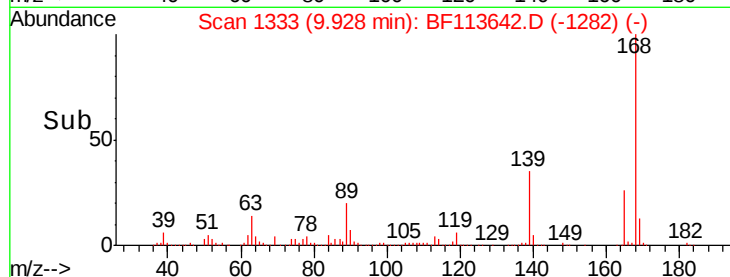
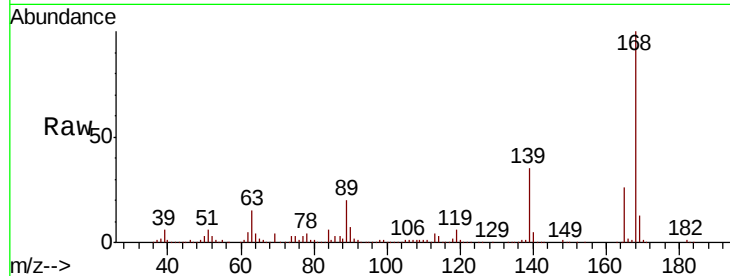
#57
 2,4-Dinitrotoluene
 Concen: 41.876 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234791		
63	55.2		37.5	56.3
89	75.0		57.4	86.2
182	2.6		2.0	3.0

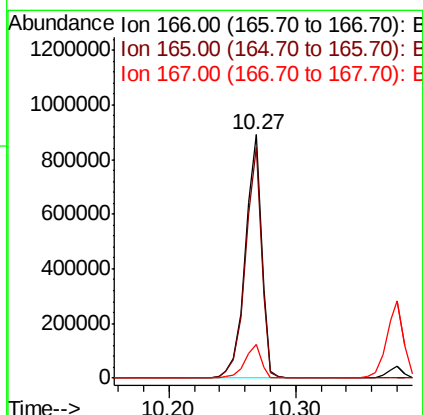
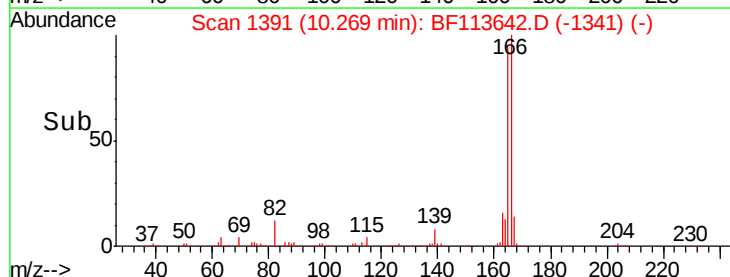
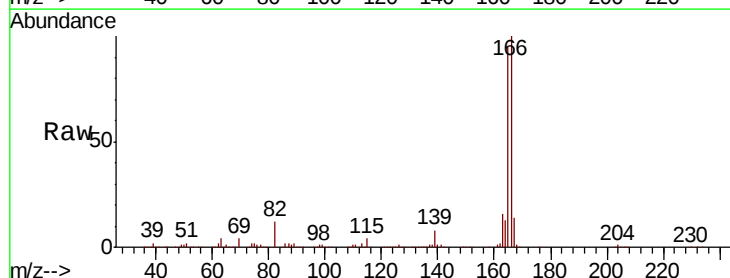
Manual Integrations
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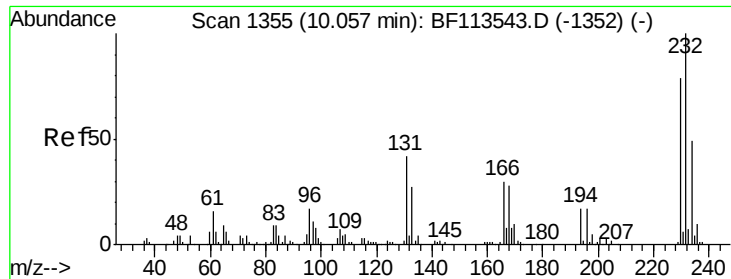
Sohil
 4/9/2019 10:15:35 AM



#58
 Fluorene
 Concen: 41.011 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	789526		
165	94.6		76.2	114.2
167	13.9		10.7	16.1





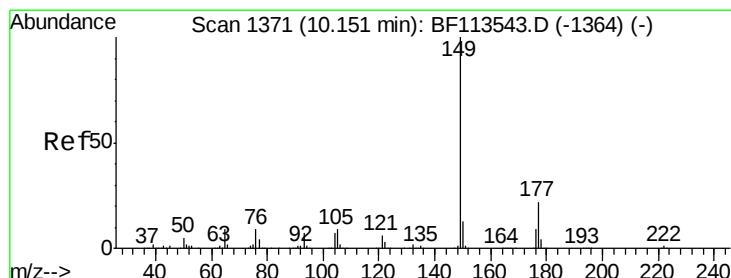
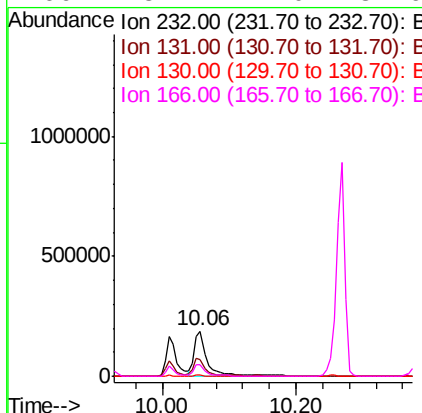
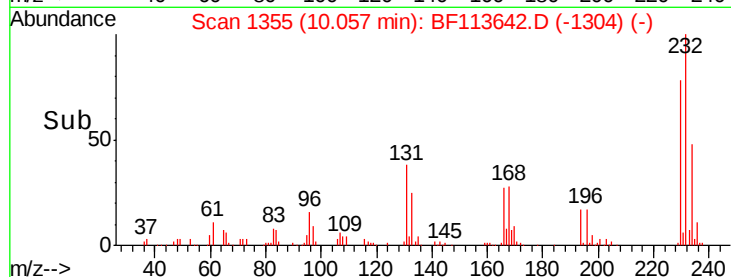
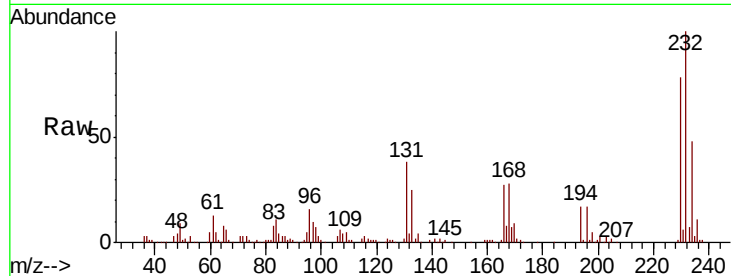
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.913 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	243100		
131	39.6	33.2	49.8	
130	1.8	1.6	2.4	
166	25.2	21.0	31.6	

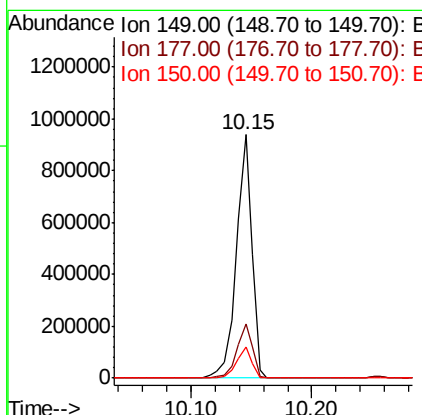
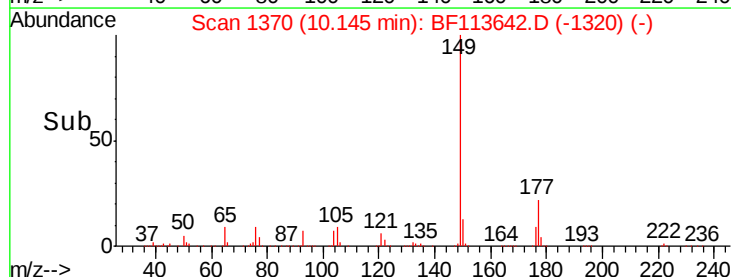
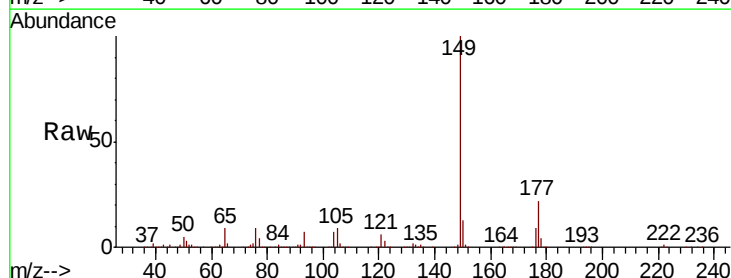
Manual Integrations
 APPROVED

Sohil
 4/9/2019 10:15:35 AM



#60
 Diethylphthalate
 Concen: 41.758 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	846755		
177	22.3	17.4	26.0	
150	12.6	10.0	15.0	





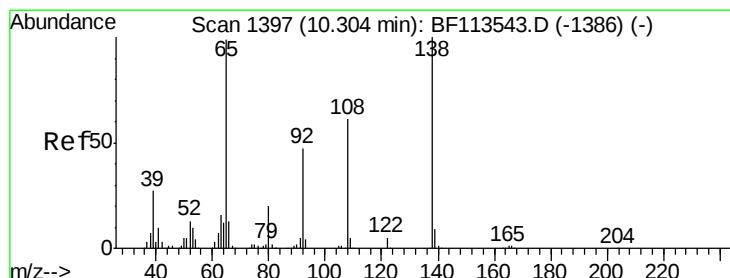
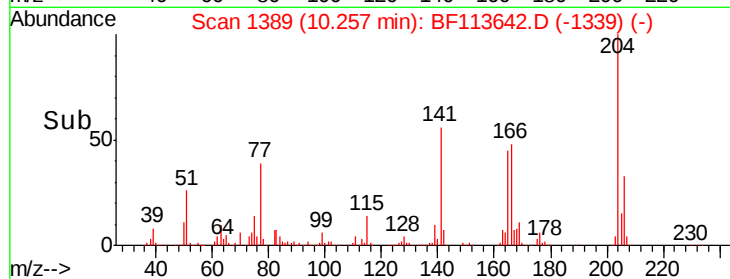
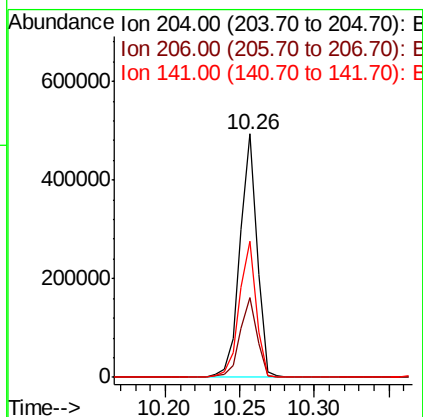
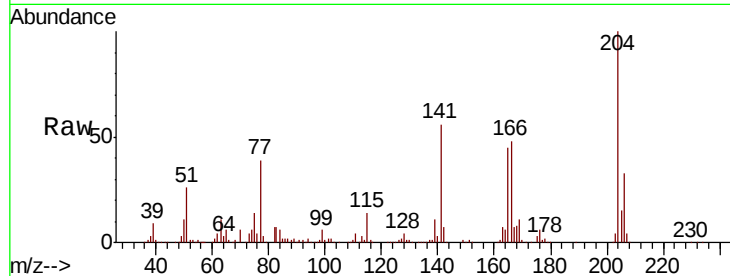
#61
4-Chlorophenyl-phenylether
Concen: 41.820 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.9	40.3
141	55.7	48.8	73.2

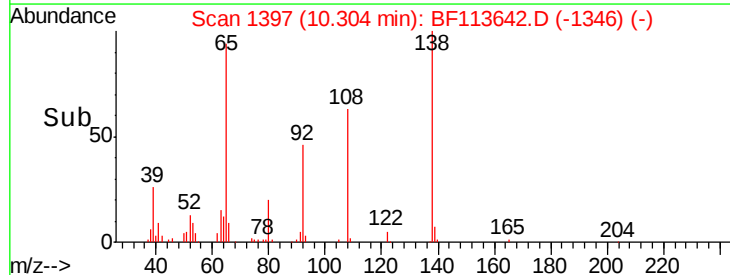
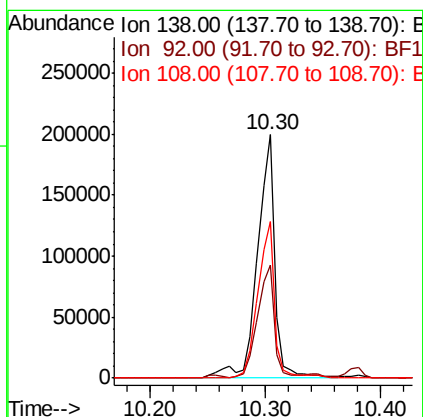
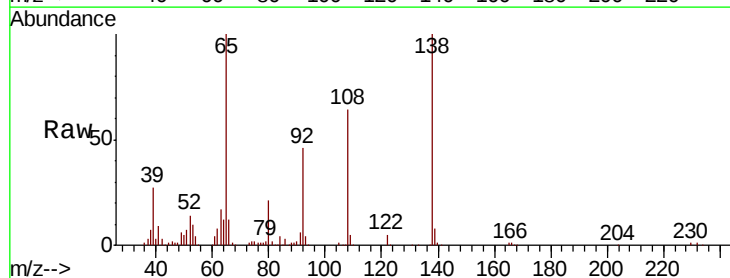
Manual Integrations
APPROVED

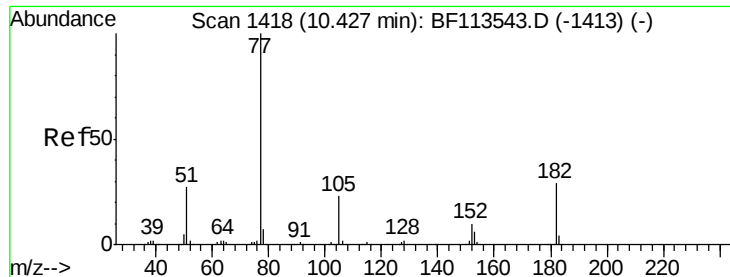
Sohil
4/9/2019 10:15:35 AM



#62
4-Nitroaniline
Concen: 39.681 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	25.8	65.8
108	64.1	44.0	84.0





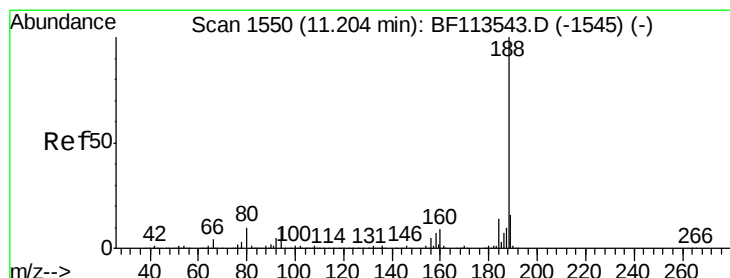
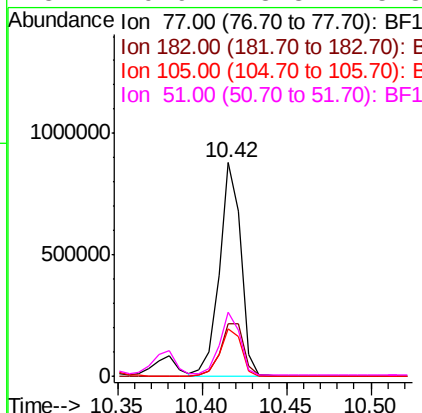
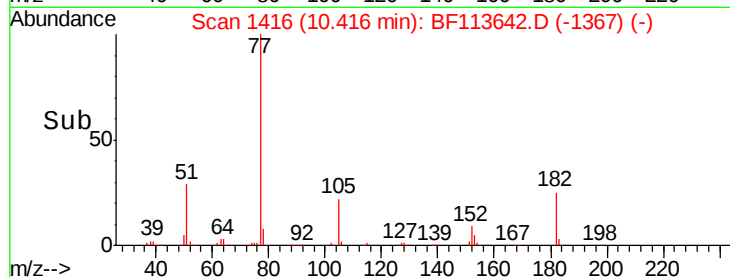
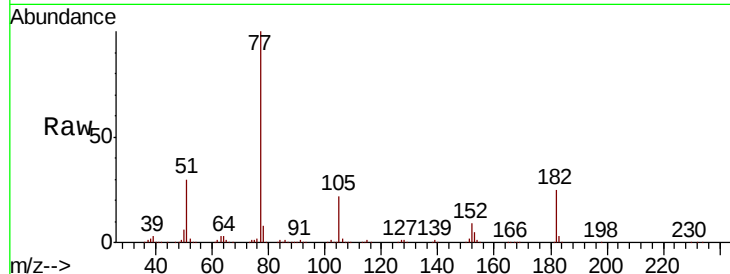
#63
Azobenzene
Concen: 40.468 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	8.7	48.7
105	22.3	2.9	42.9
51	29.9	8.8	48.8

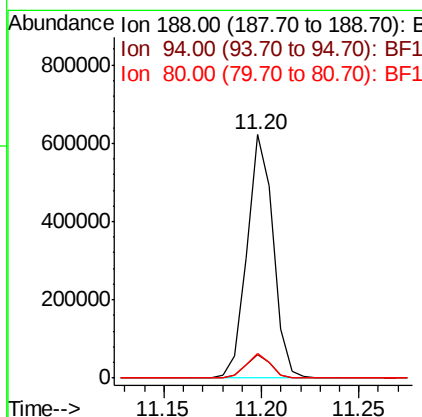
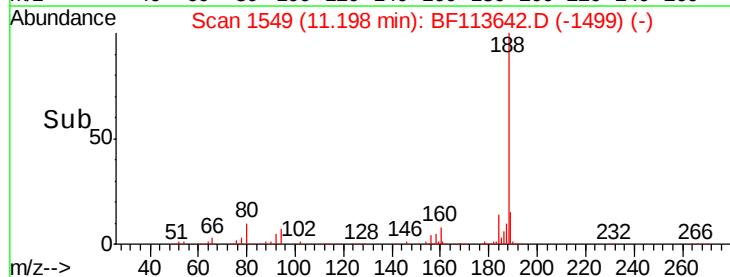
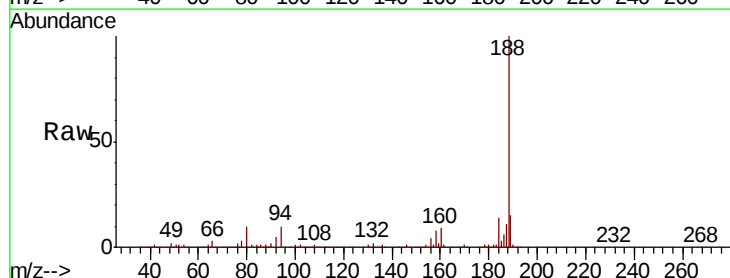
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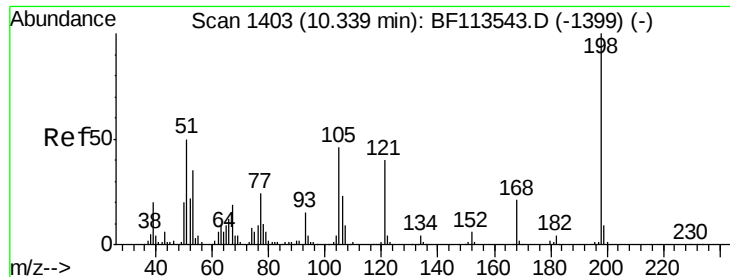
Sohil
4/9/2019 10:15:35 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	10.0	7.7	11.5





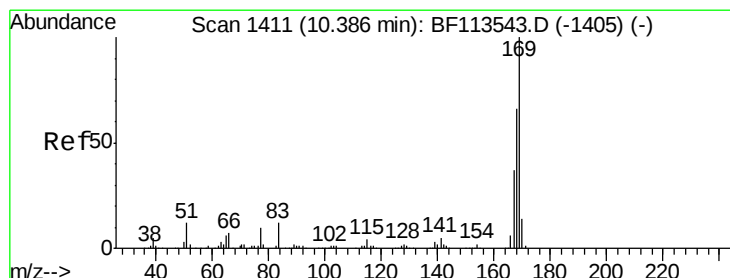
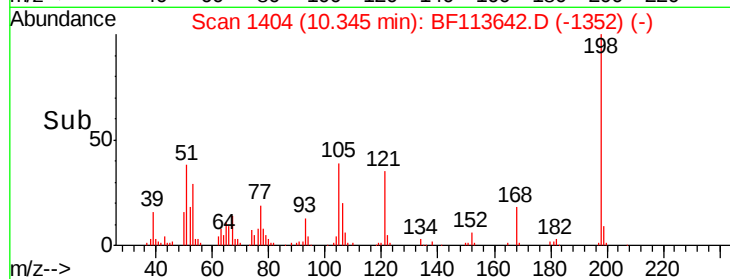
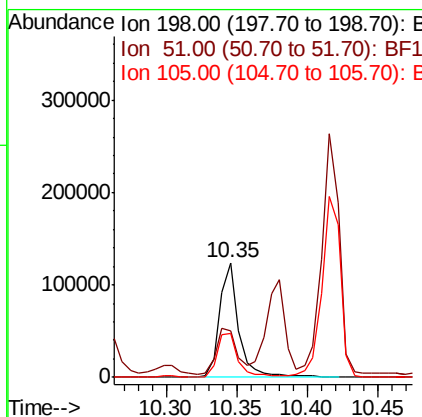
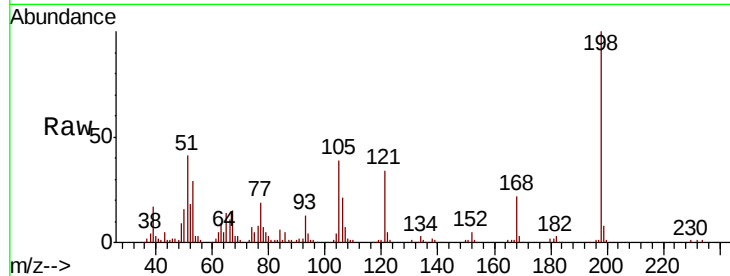
#65
4,6-Dinitro-2-methylphenol
Concen: 38.684 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	117557		
51	40.7	21.6	61.6	
105	38.8	20.6	60.6	

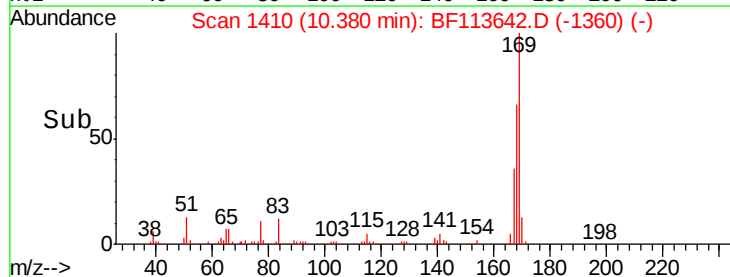
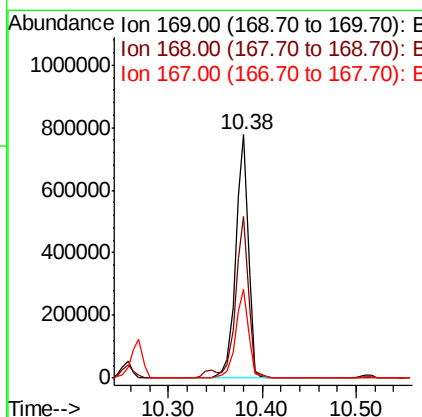
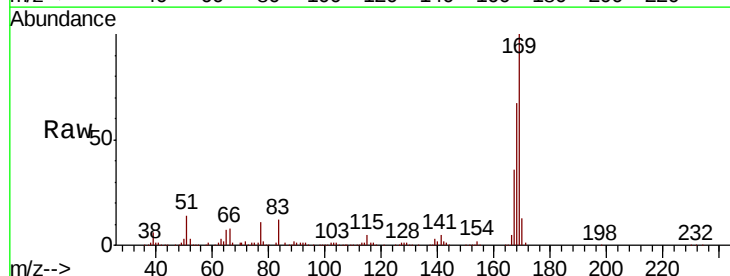
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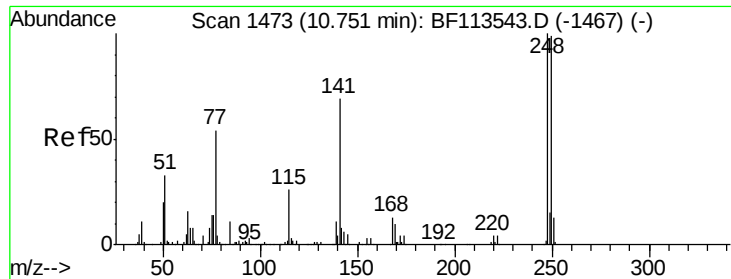
Sohil
4/9/2019 10:15:35 AM



#66
n-Nitrosodiphenylamine
Concen: 40.909 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	724948		
168	66.7	53.7	80.5	
167	36.3	29.5	44.3	





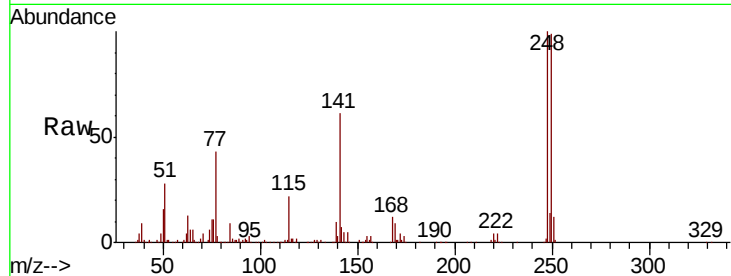
#67
4-Bromophenyl-phenylether
Concen: 40.205 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	60.6	56.2	84.4

Manual Integrations
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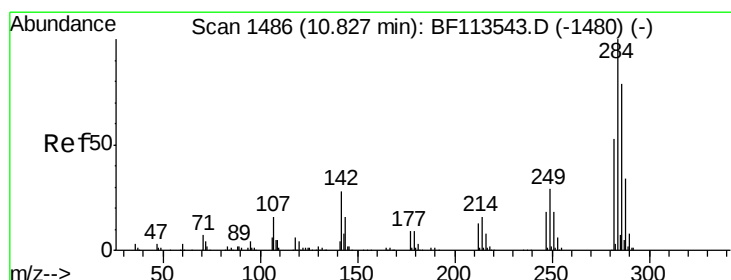
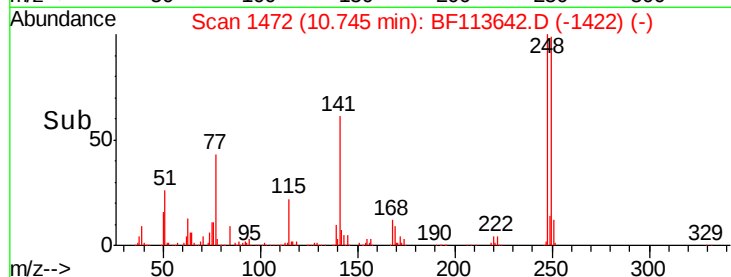
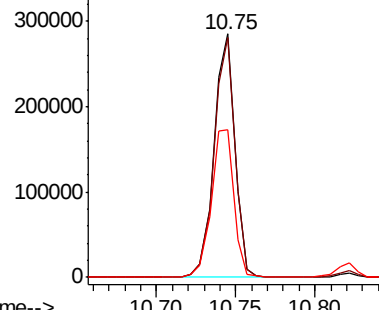


Abundance

Ion 248.00 (247.70 to 248.70): E

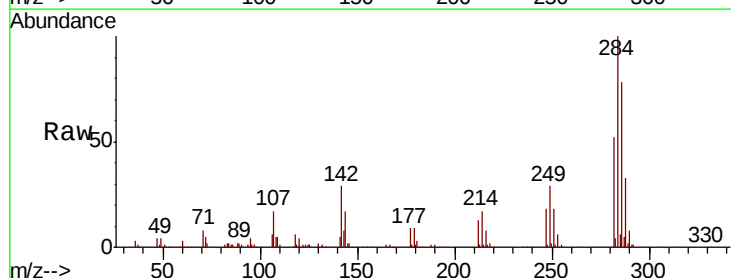
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.898 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	20.1	30.1
249	28.6	22.7	34.1

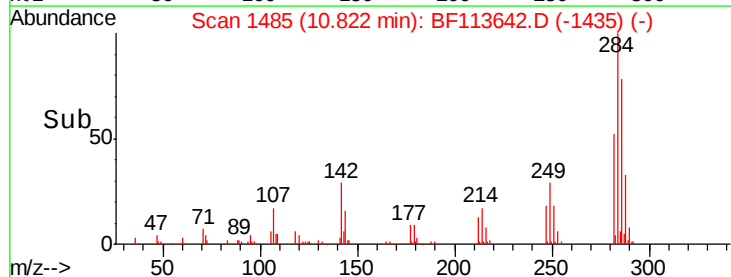
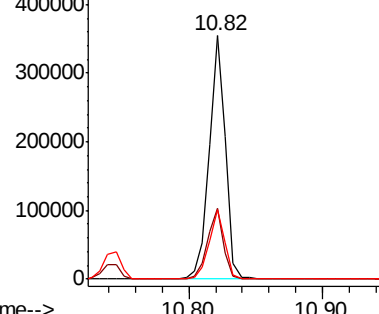


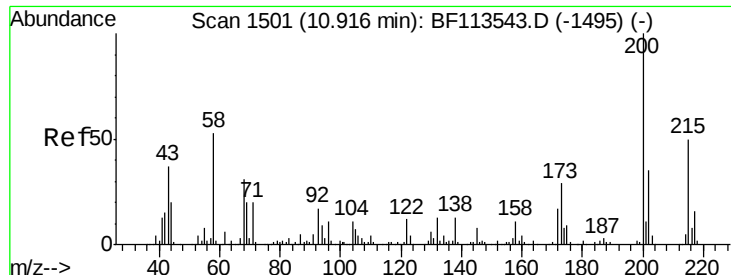
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





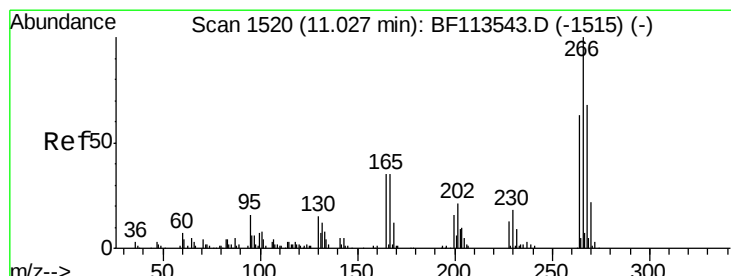
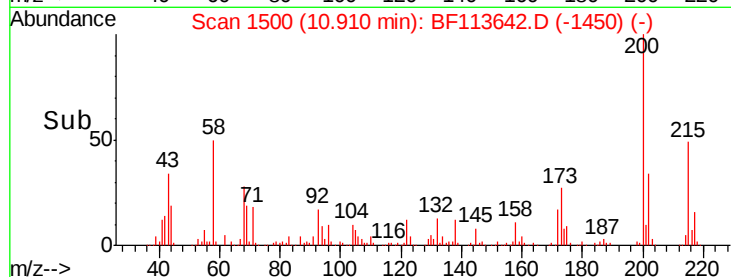
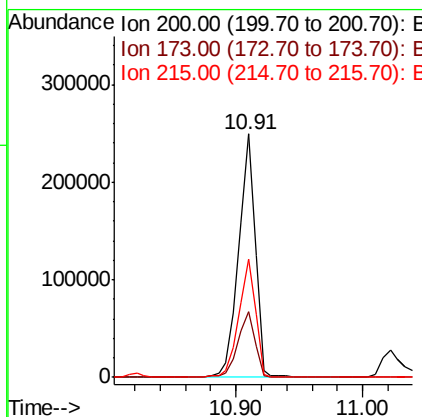
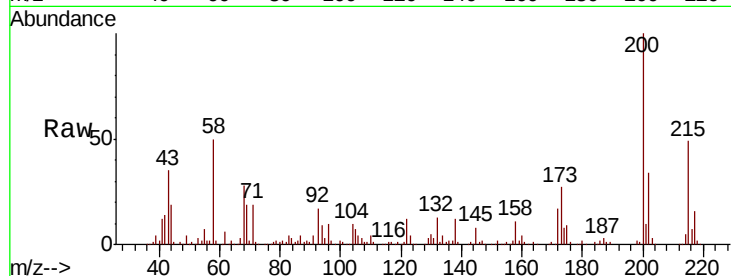
#69
 Atrazine
 Concen: 40.176 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	224405		
173	27.1	6.0	46.0	
215	48.6	31.3	71.3	

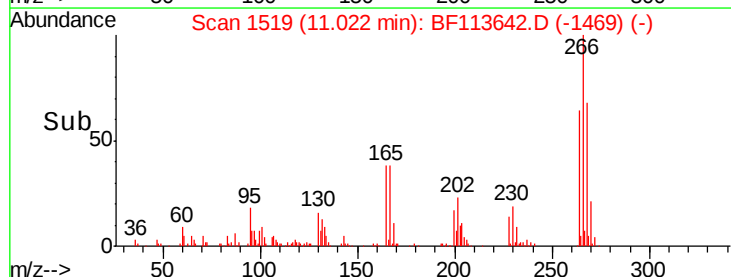
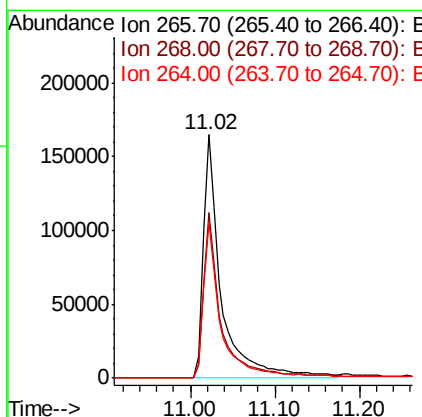
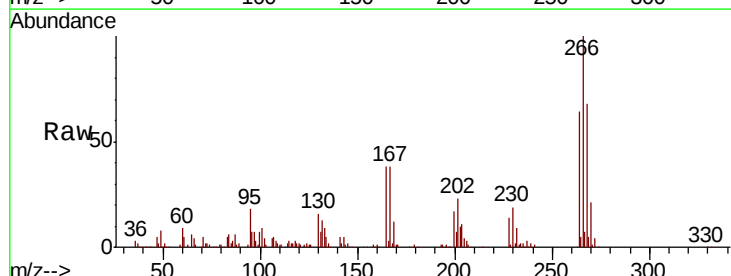
Manual Integrations
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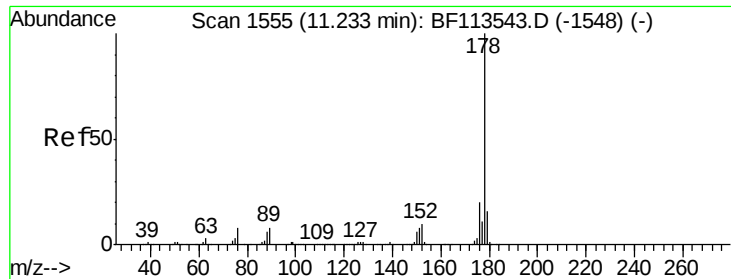
Sohil
 4/9/2019 10:15:35 AM



#70
 Pentachlorophenol
 Concen: 69.691 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243600		
268	67.8	53.8	80.6	
264	63.9	49.2	73.8	





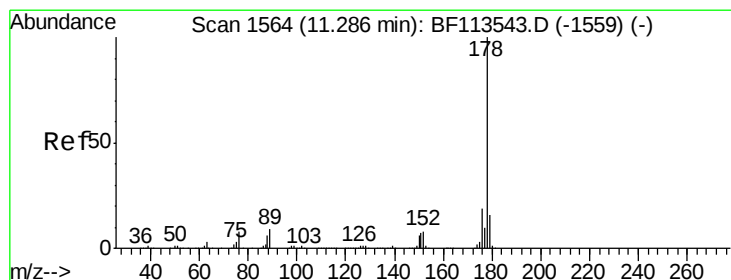
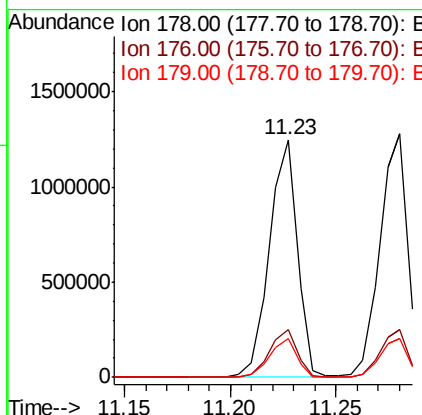
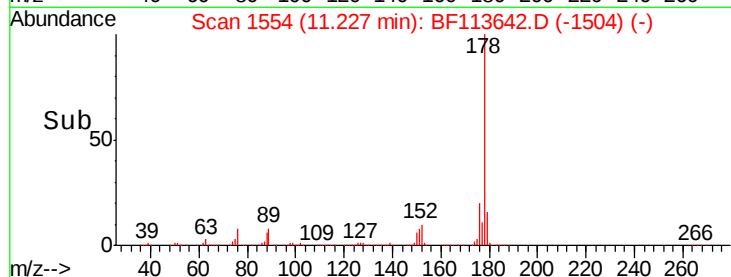
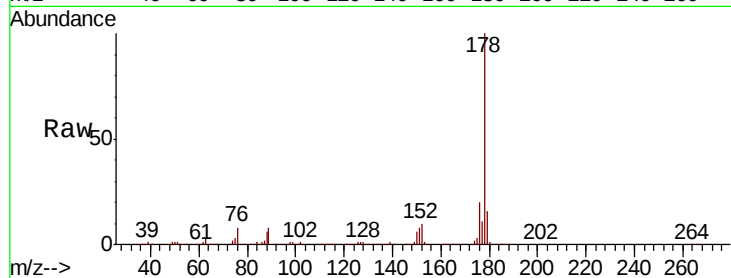
#71
Phenanthrene
Concen: 40.310 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion:178 Resp: 1156214
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 16.1 12.7 19.1

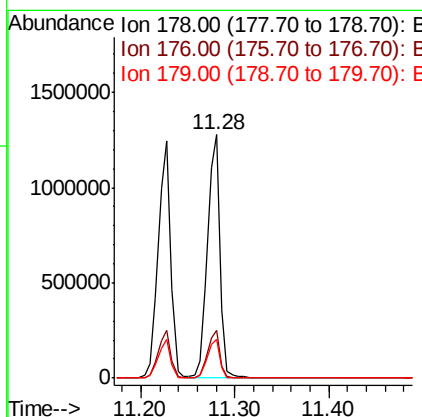
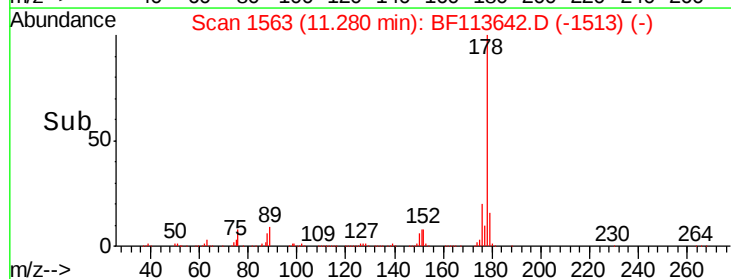
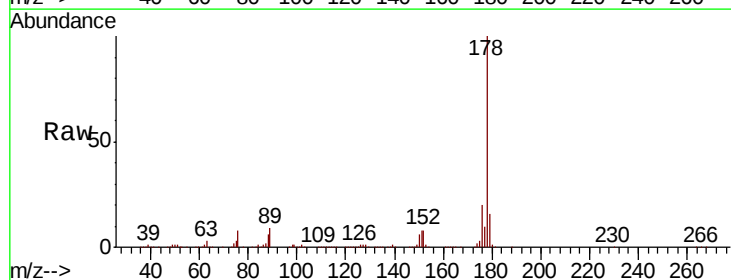
Manual Integrations
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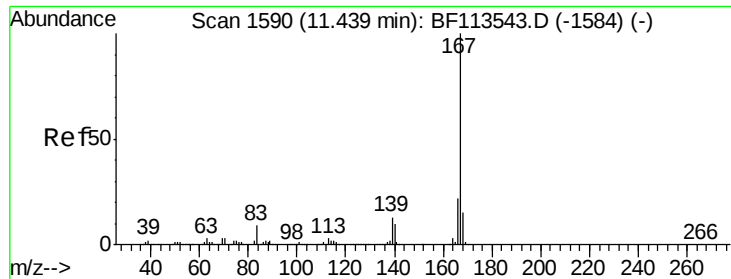
Sohil
4/9/2019 10:15:35 AM



#72
Anthracene
Concen: 41.211 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion:178 Resp: 1202673
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.0 12.8 19.2





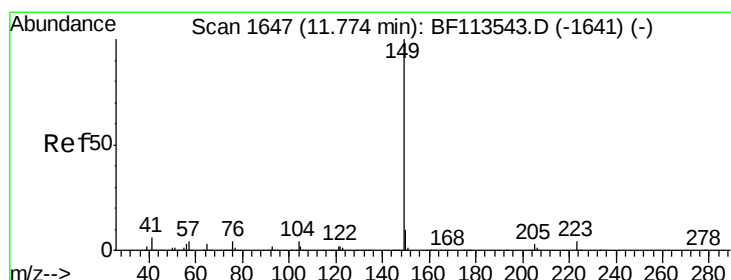
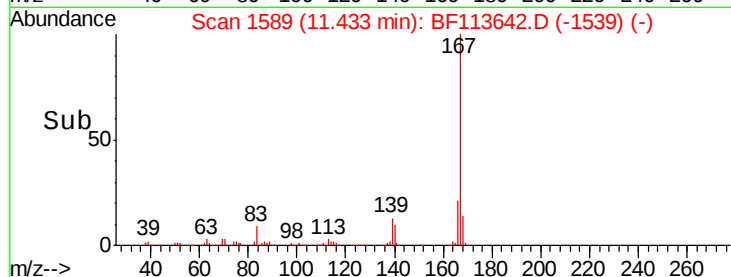
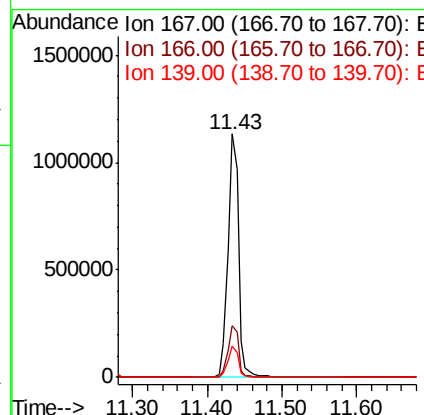
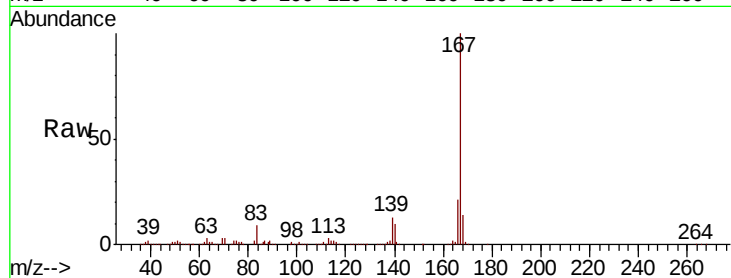
#73
 Carbazole
 Concen: 40.942 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.9	10.4	15.6

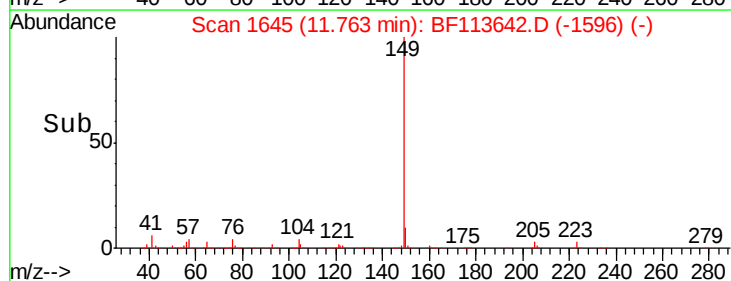
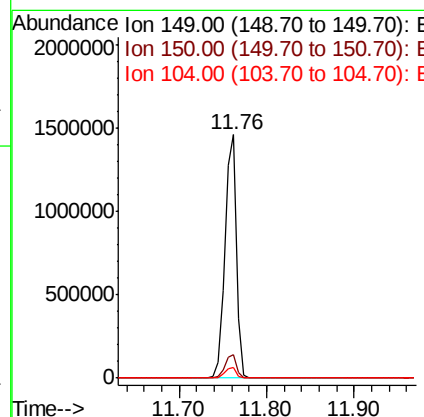
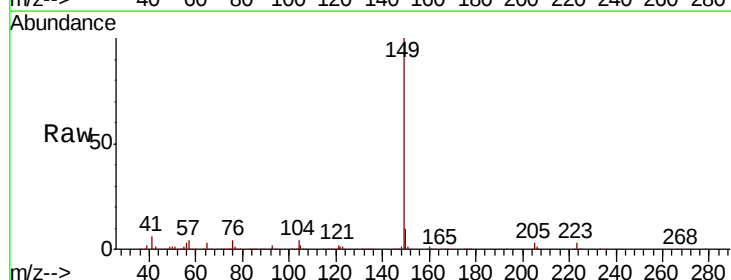
Manual Integrations
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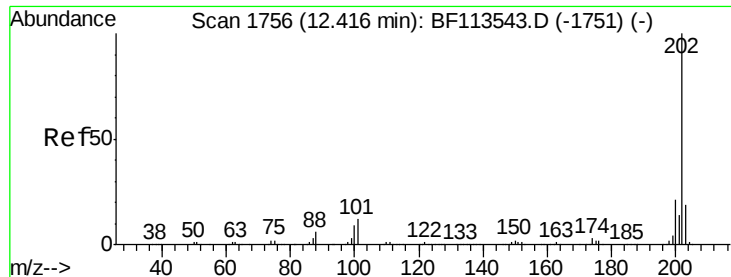
Sohil
 4/9/2019 10:15:35 AM



#74
 Di-n-butylphthalate
 Concen: 40.943 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.3	3.7	5.5





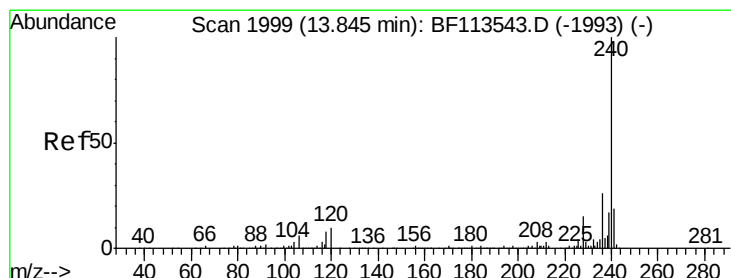
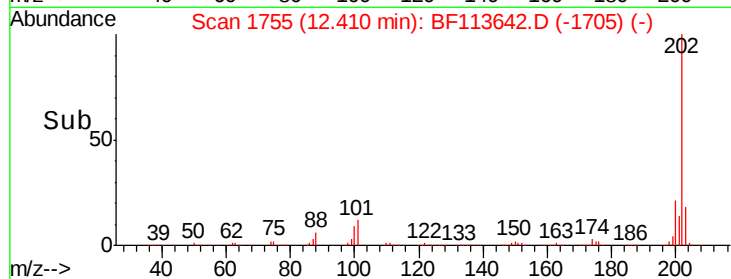
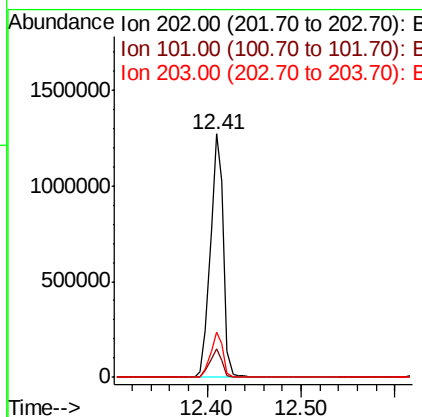
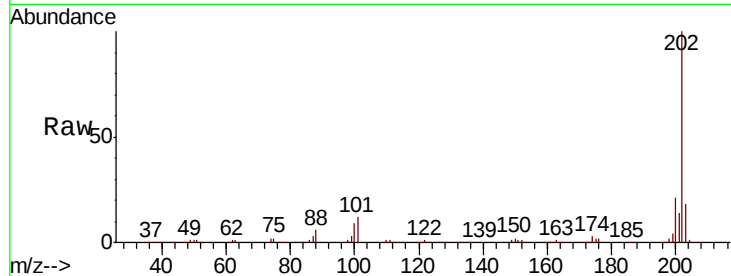
#75
 Fluoranthene
 Concen: 40.434 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1242777		
101	11.7		0.0	31.4
203	18.3		0.0	38.0

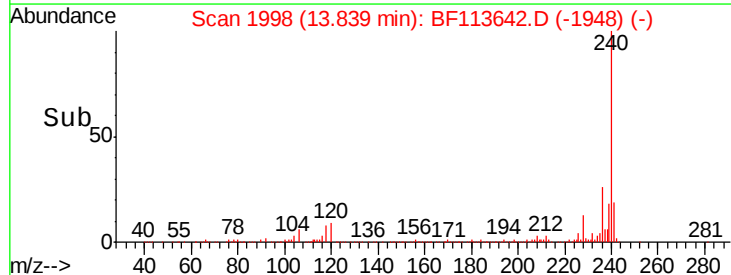
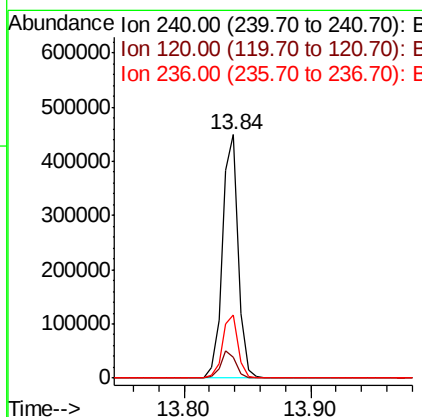
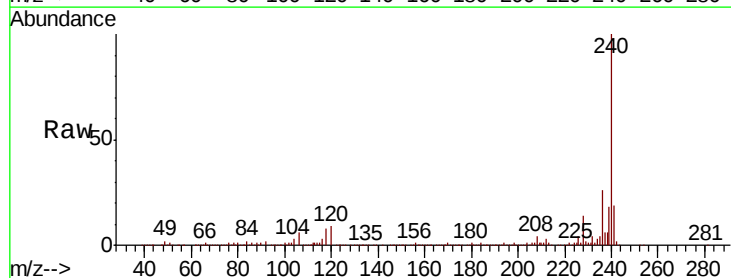
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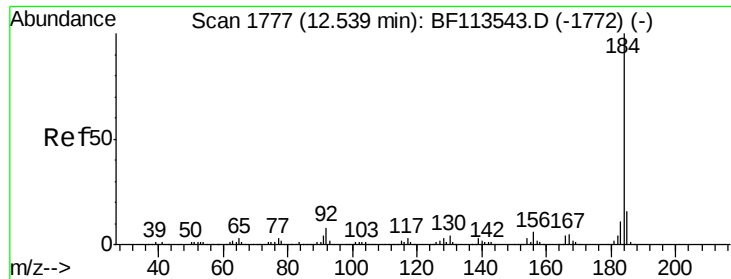
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	389586		
120	8.8		8.8	13.2#
236	25.9		20.9	31.3





#77

Benzidine

Concen: 36.217 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

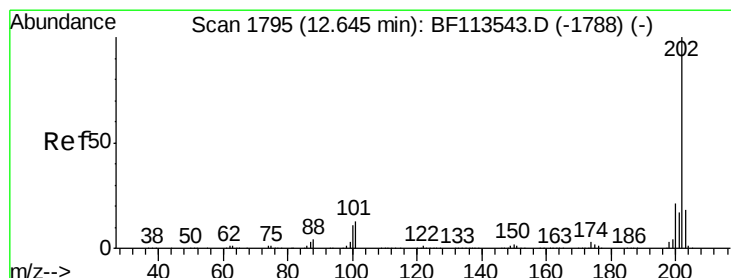
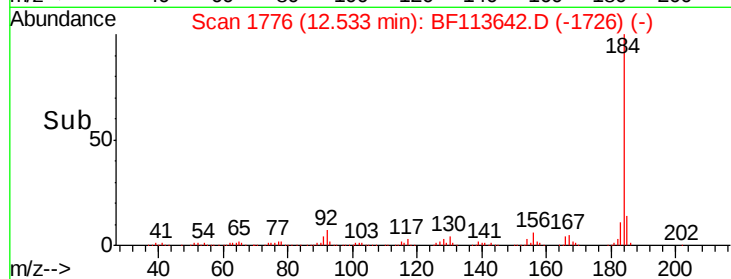
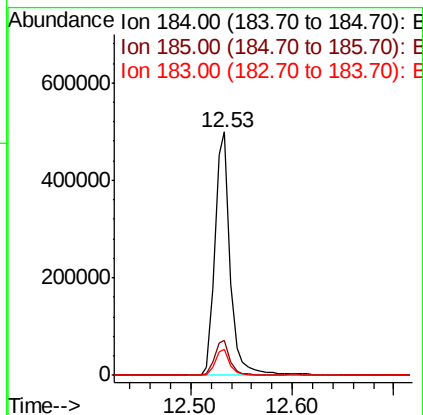
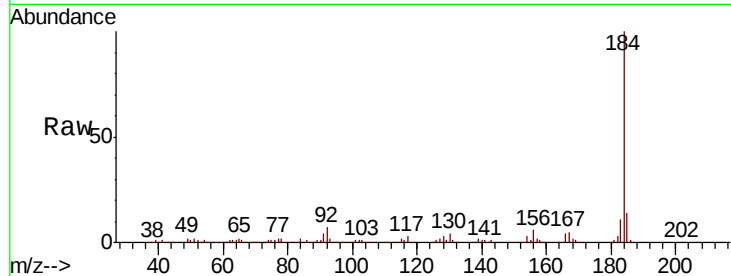
ClientSampleId :

PB118680BS

Tot Ion:	184	Resp:	524688
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.0	19.6
183	10.7	9.0	13.4

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#78

Pyrene

Concen: 41.830 ng

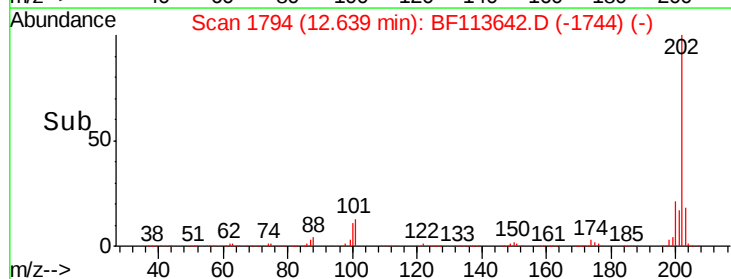
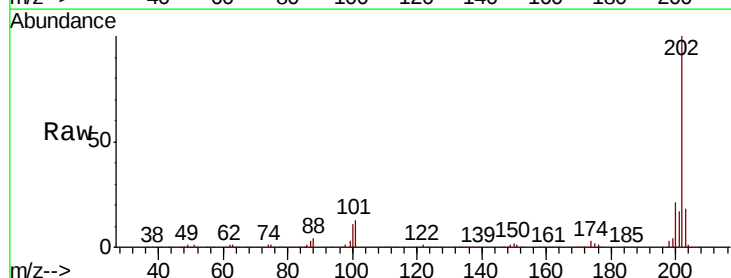
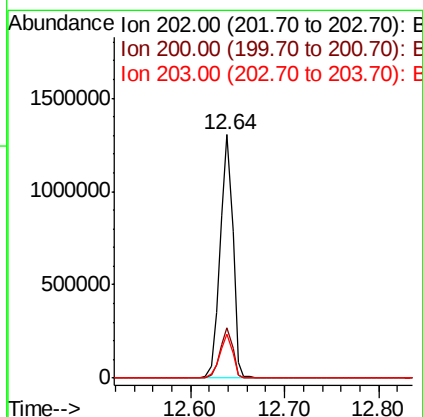
RT: 12.64 min Scan# 1794

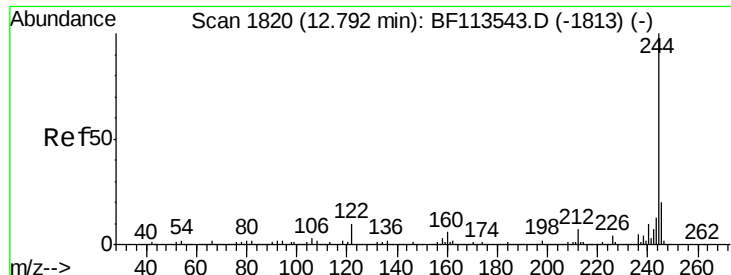
Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Tgt Ion:	202	Resp:	1239976
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	17.9	14.4	21.6





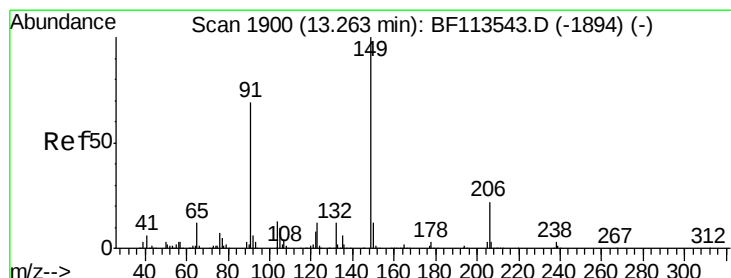
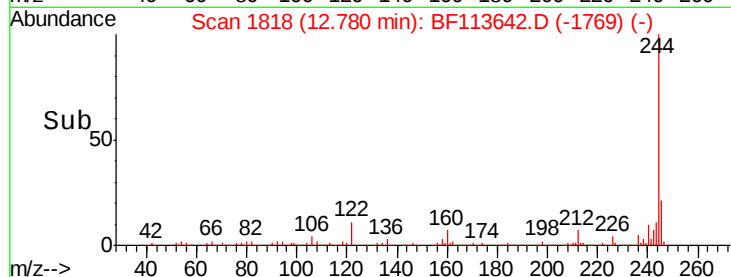
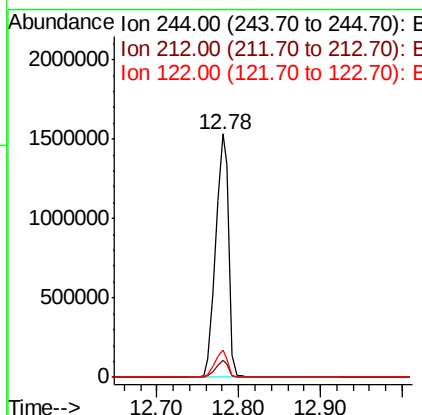
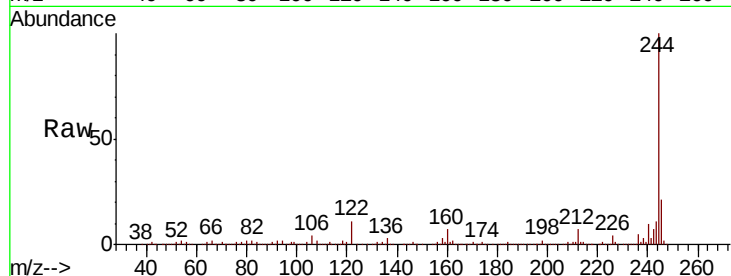
#79
 Terphenyl-d14
 Concen: 89.007 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB118680BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.4	8.6	13.0

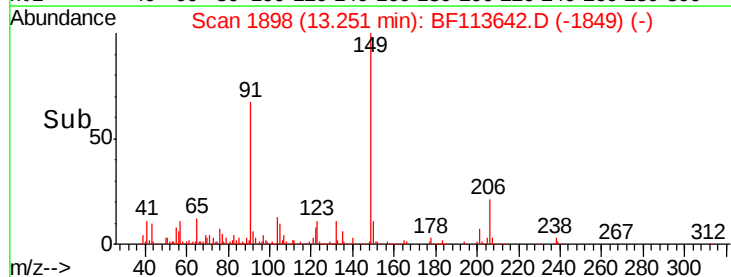
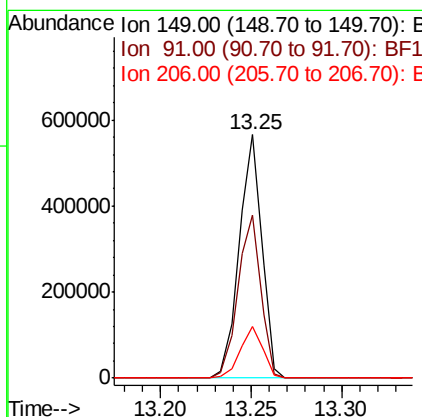
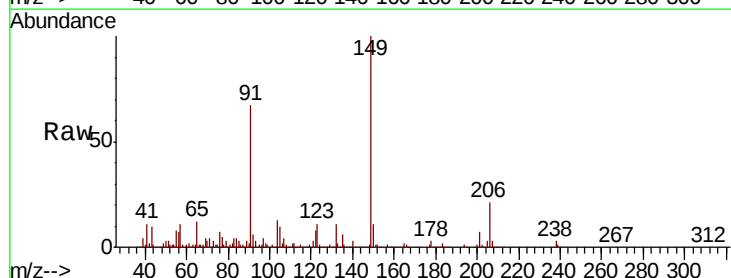
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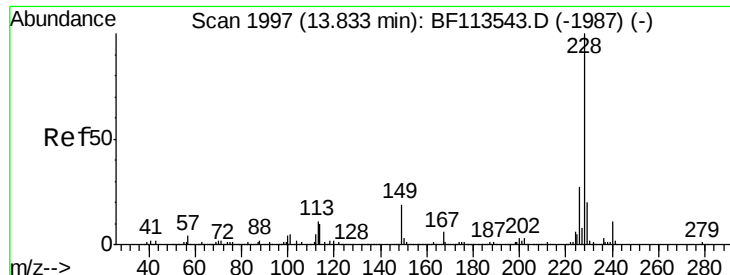
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#80
 Butylbenzylphthalate
 Concen: 40.756 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BF113642.D
 Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	55.2	82.8
206	21.4	16.1	24.1





#81

Benzo(a)anthracene

Concen: 40.341 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

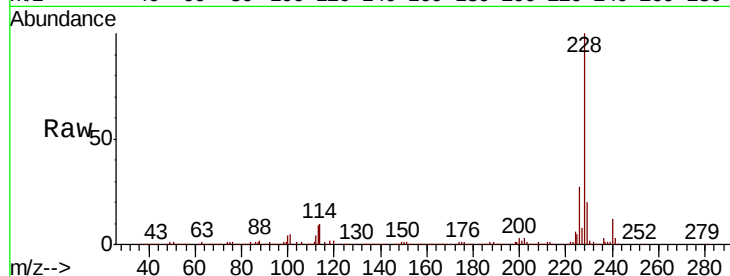
ClientSampleId :

PB118680BS

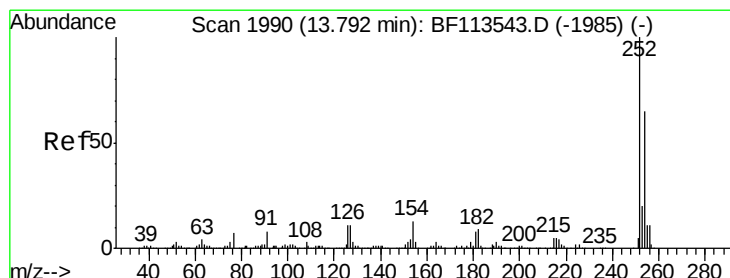
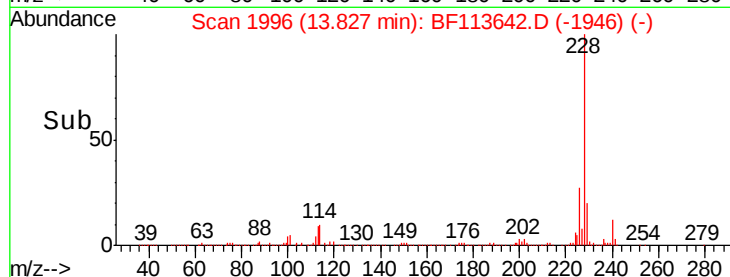
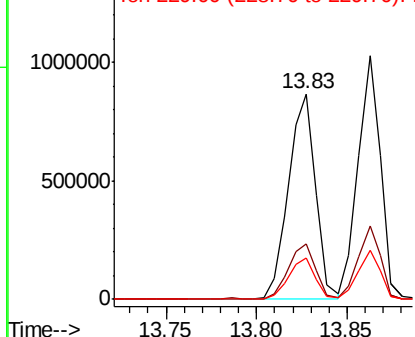
Tot Ion:	228	Resp:	906602
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	20.1	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.193 ng

RT: 13.79 min Scan# 1989

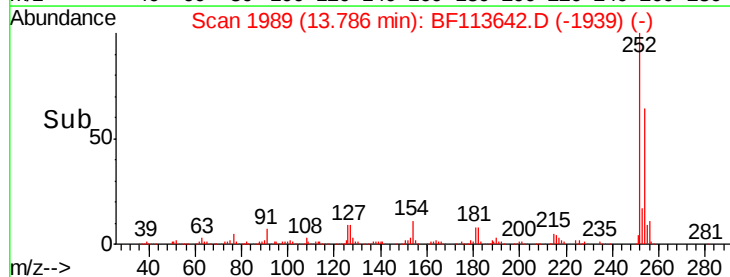
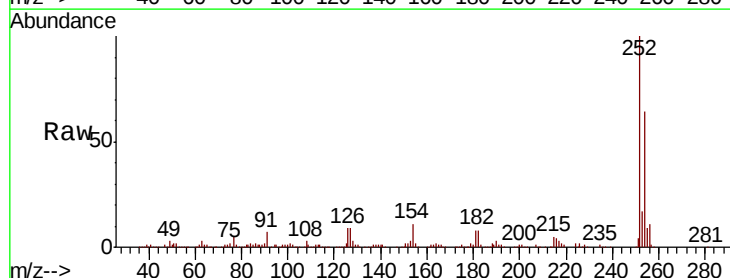
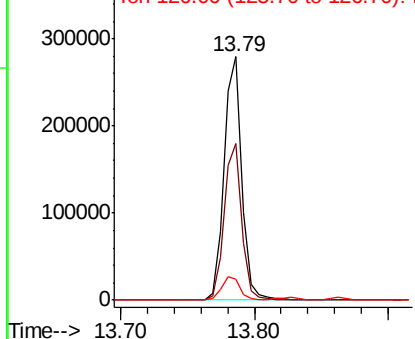
Delta R.T. -0.01 min

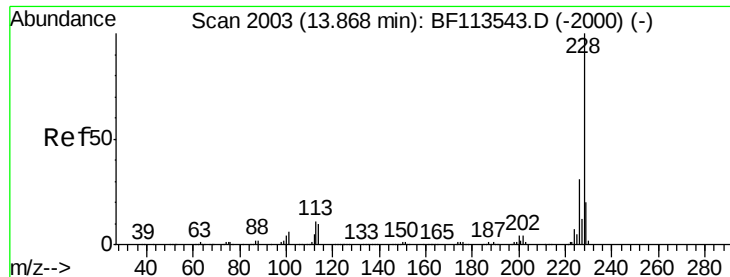
Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Tgt Ion:	252	Resp:	261347
Ion Ratio	Lower	Upper	
252	100		
254	64.3	52.2	78.2
126	8.8	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.060 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA_F

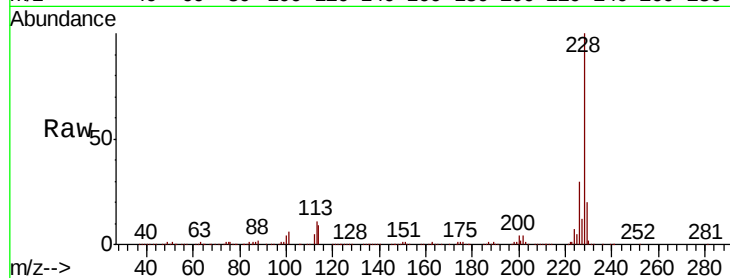
ClientSampleId :

PB118680BS

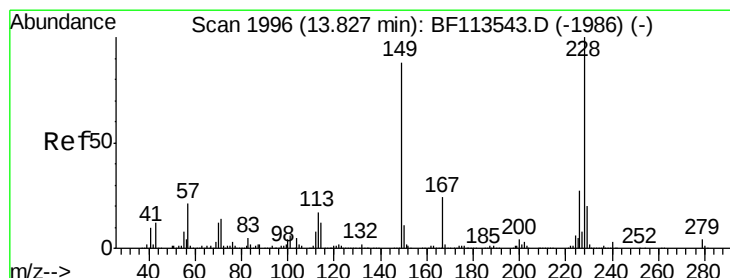
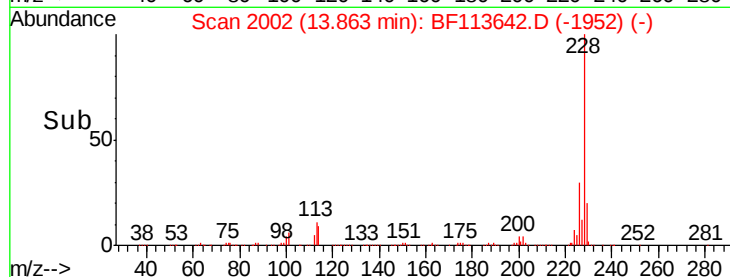
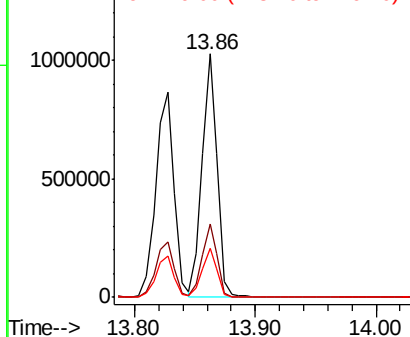
Tot Ion:	228	Resp:	889857
Ion Ratio		Lower	Upper
228	100		
226	30.3	24.3	36.5
229	20.3	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.450 ng

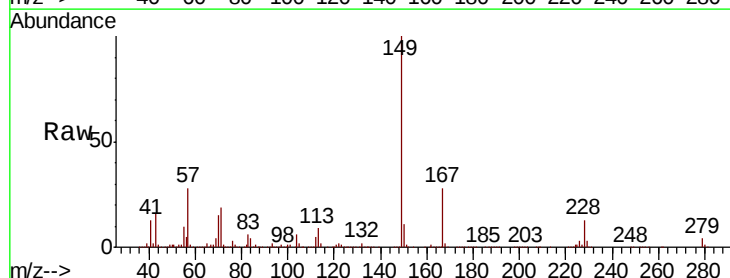
RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

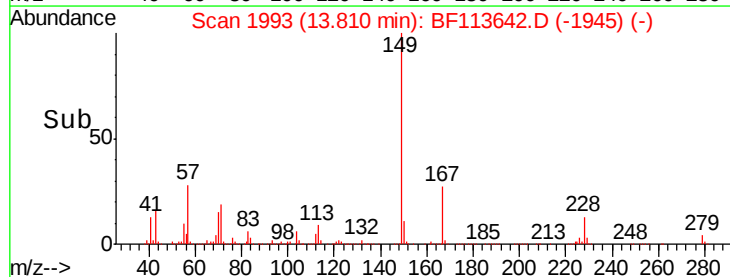
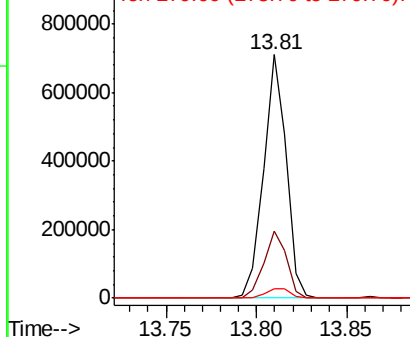
Lab File: BF113642.D

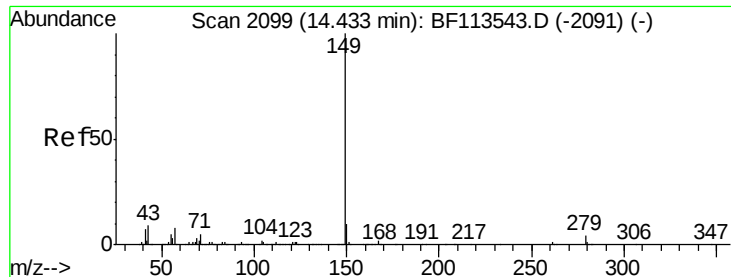
Acq: 8 Apr 2019 16:22

Tgt Ion:	149	Resp:	619307
Ion Ratio		Lower	Upper
149	100		
167	27.6	21.8	32.8
279	4.0	2.9	4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





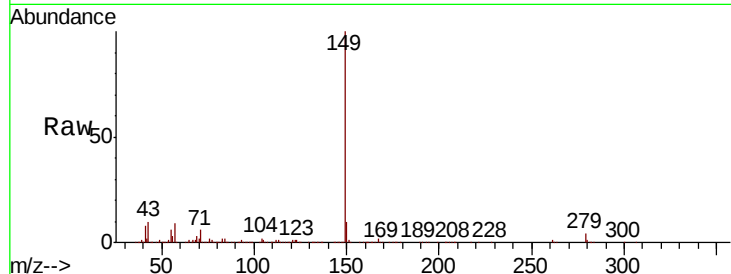
#85
Di-n-octyl phthalate
Concen: 39.512 ng
RT: 14.42 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

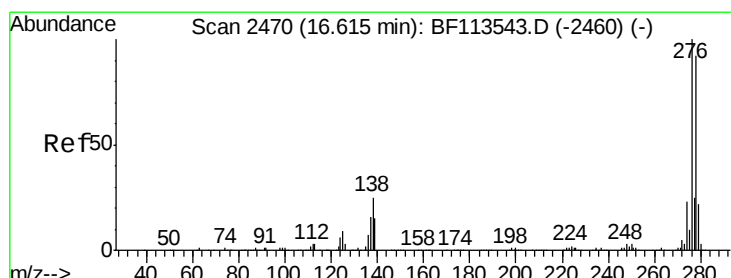
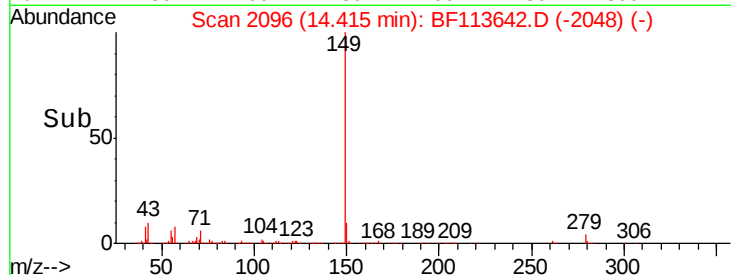
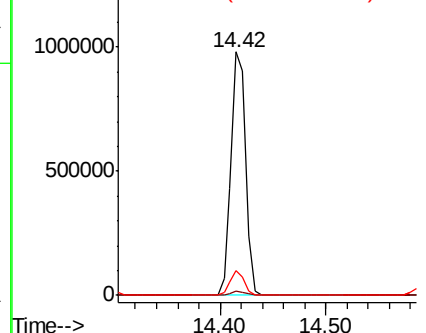
Tot Ion	Ratio	Resp	Lower	Upper
149	100	936992		
167	1.7		1.3	1.9
43	9.4		7.7	11.5

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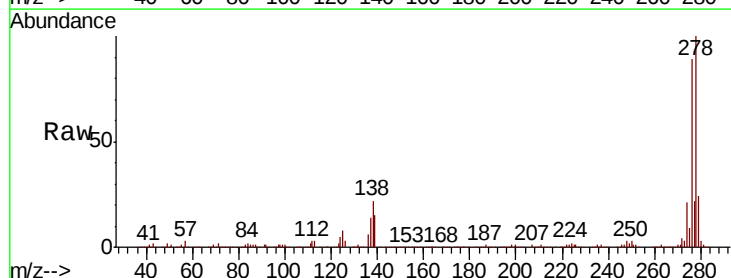


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

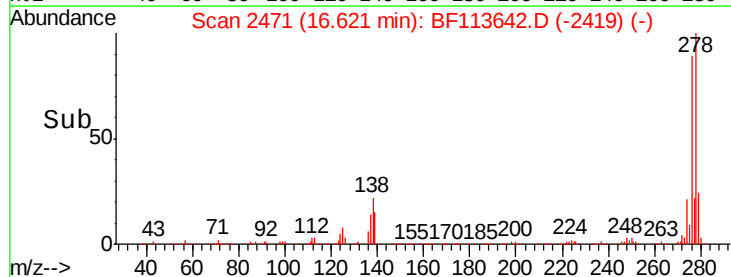
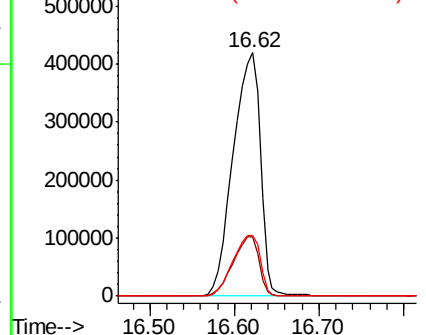


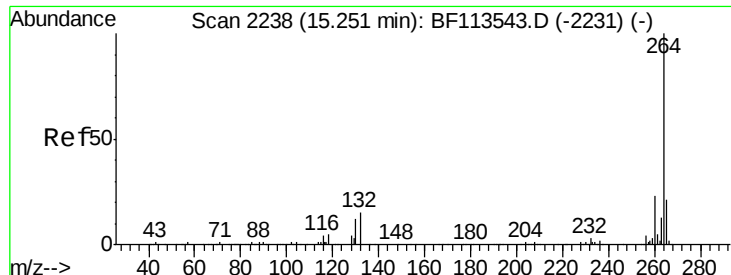
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.443 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	934821		
138	23.3		18.1	27.1
277	25.2		20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





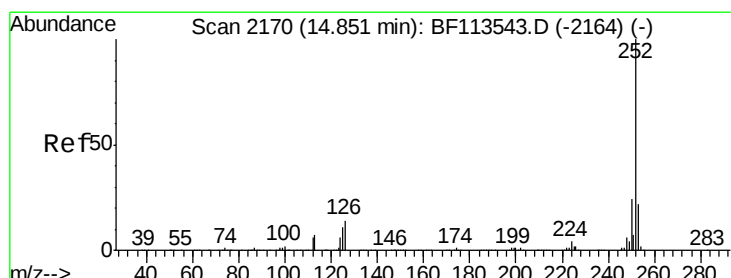
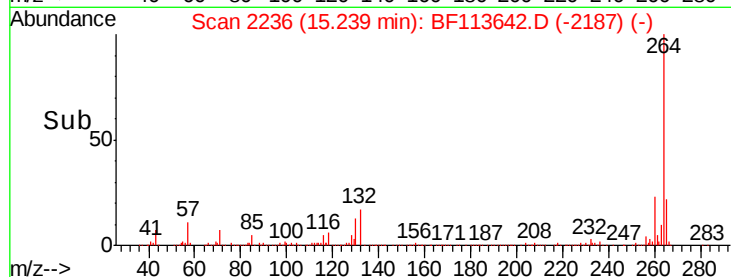
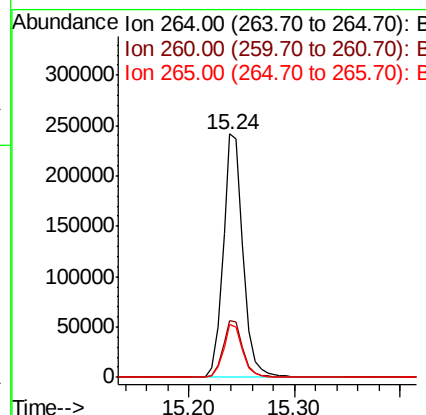
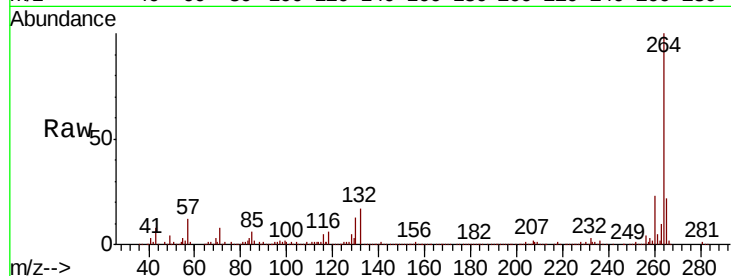
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.8	17.1	25.7

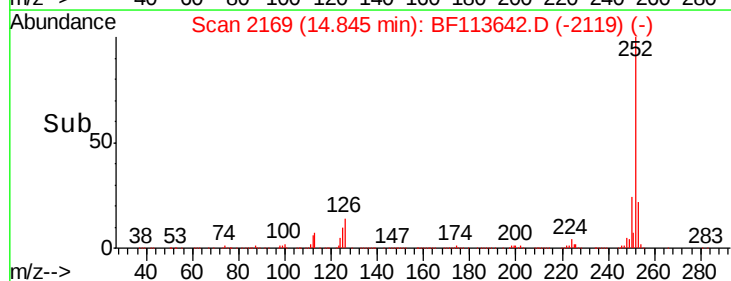
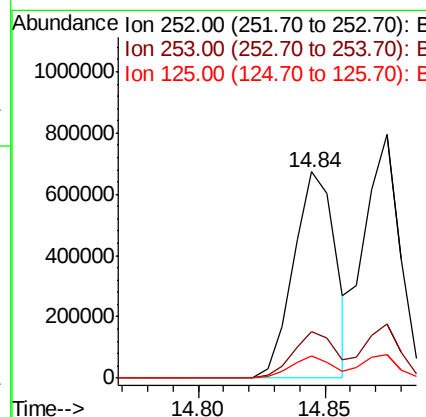
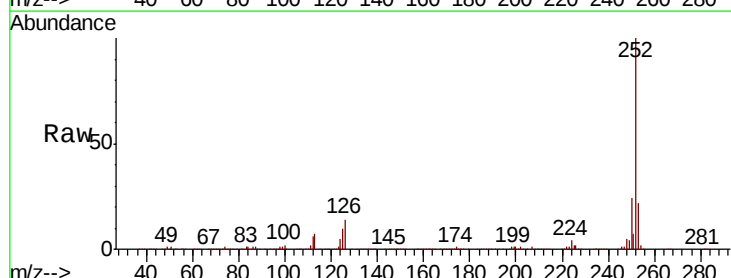
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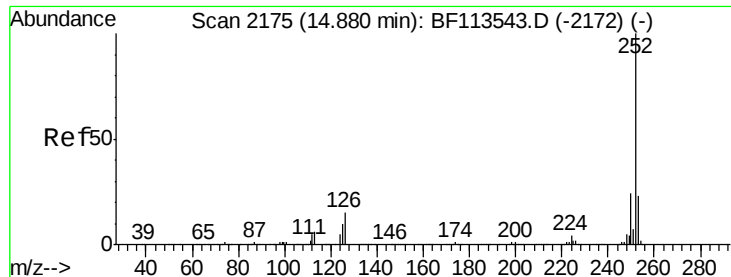
Sohil
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#88
Benzo(b)fluoranthene
Concen: 40.104 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.5	7.6	11.4





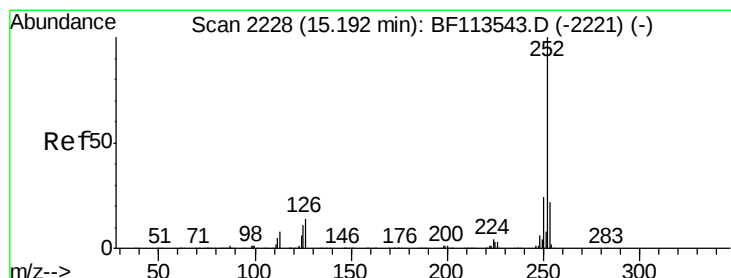
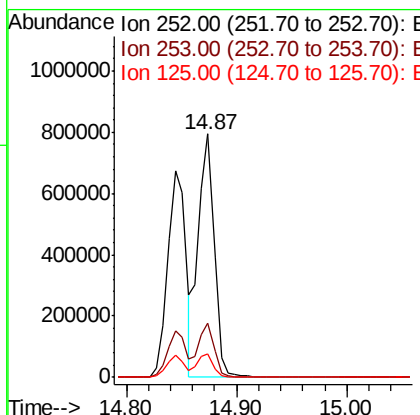
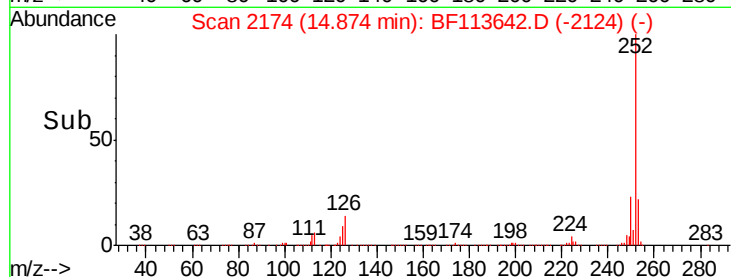
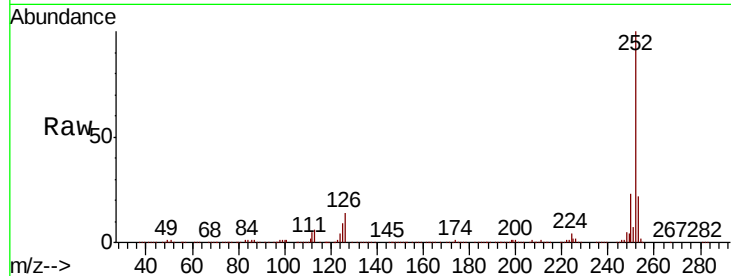
#89
Benzo(k)fluoranthene
Concen: 44.836 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.4	7.3	10.9

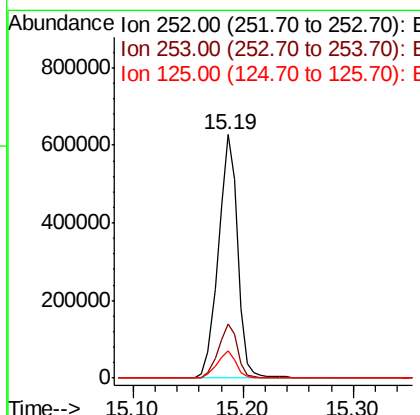
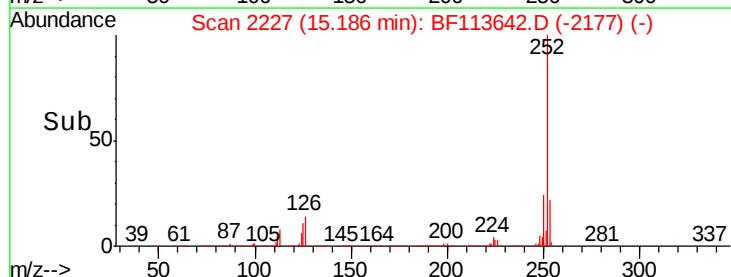
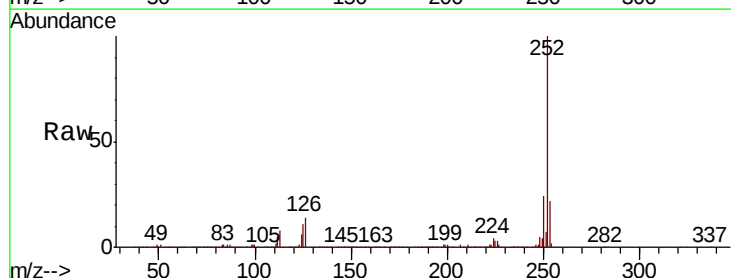
Manual Integrations
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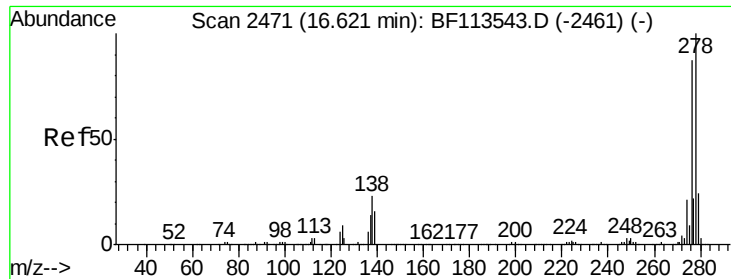
Sohil
4/9/2019 10:15:35 AM



#90
Benzo(a)pyrene
Concen: 44.165 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.3	8.8	13.2





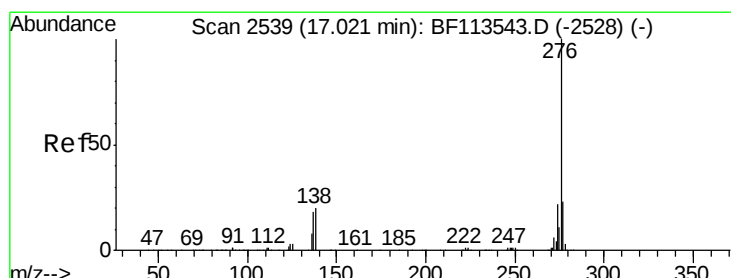
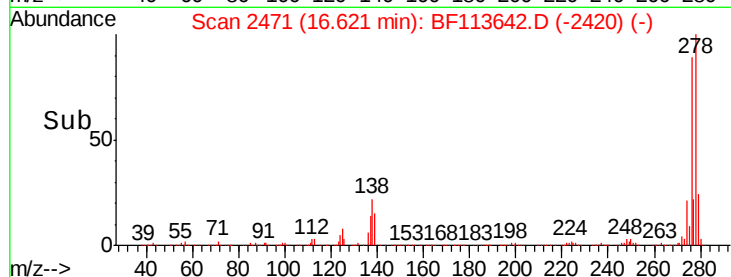
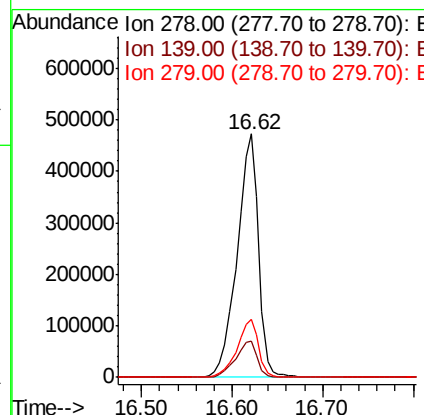
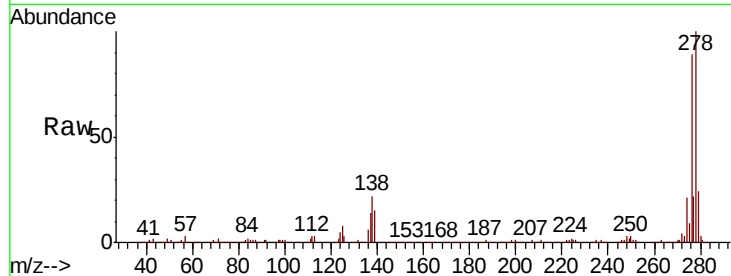
#91
Dibenzo(a,h)anthracene
Concen: 48.543 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.0	18.0
279	23.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/9/2019 10:15:35 AM



#92
Benzo(g,h,i)perylene
Concen: 50.487 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113642.D
Acq: 8 Apr 2019 16:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.7	15.6	23.4

