

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114230.D
 Acq On : 13 May 2019 15:50
 Operator : JU/SJ
 Sample : K2764-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:13 PM

Quant Time: May 14 09:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	244261	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	934781	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	449097	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	881540	20.00	ng	0.01
76) Chrysene-d12	14.03	240	516657	20.00	ng	0.01
87) Perylene-d12	15.53	264	575058	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2008813	132.35	ng	0.02
7) Phenol-d6	6.52	99	2678140	149.18	ng	0.02
23) Nitrobenzene-d5	7.42	82	1737316	104.30	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	632076	136.14	ng	0.02
45) 2-Fluorobiphenyl	9.22	172	2486128	83.74	ng	0.00
79) Terphenyl-d14	12.96	244	2298016	91.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	309206	37.062	ng	99
3) Pyridine	3.40	79	734758	31.965	ng	97
4) n-Nitrosodimethylamine	3.33	42	491157	44.309	ng	92
6) Aniline	6.53	93	520623	20.076	ng	# 1
8) 2-Chlorophenol	6.66	128	860218	53.087	ng	92
9) Benzaldehyde	6.40	77	398329	31.695	ng	97
10) Phenol	6.53	94	1007624	47.713	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	875762	54.624	ng	100
12) 1,3-Dichlorobenzene	6.80	146	874715	48.091	ng	99
13) 1,4-Dichlorobenzene	6.87	146	878244	47.917	ng	98
14) 1,2-Dichlorobenzene	7.03	146	813976	48.610	ng	98
15) Benzyl Alcohol	7.00	79	726203	51.866	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1538671	49.496	ng	67
17) 2-Methylphenol	7.13	107	683973	51.385	ng	# 88
18) Hexachloroethane	7.37	117	316779	46.044	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	605758	53.235	ng	99
20) 3+4-Methylphenols	7.28	107	857965	55.788	ng	# 58
22) Acetophenone	7.27	105	1159357	55.985	ng	# 91
24) Nitrobenzene	7.44	77	944053	55.647	ng	99
25) Isophorone	7.68	82	1724978	55.839	ng	99
26) 2-Nitrophenol	7.76	139	490541	59.598	ng	97
27) 2,4-Dimethylphenol	7.80	122	784329	60.673	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1113514	55.554	ng	100
29) 2,4-Dichlorophenol	8.00	162	721481	56.049	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	748475	51.134	ng	100
31) Naphthalene	8.16	128	2378646	54.475	ng	100
32) Benzoic acid	7.95	122	523414	55.500	ng	98
33) 4-Chloroaniline	8.21	127	269312	13.535	ng	98
34) Hexachlorobutadiene	8.28	225	409136	49.124	ng	98
35) Caprolactam	8.60	113	262280m	62.487	ng	
36) 4-Chloro-3-methylphenol	8.71	107	781837	60.340	ng	99
37) 2-Methylnaphthalene	8.85	142	1615495	57.343	ng	98
38) 1-Methylnaphthalene	8.95	142	1508620	56.863	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	723765	53.202	ng	99

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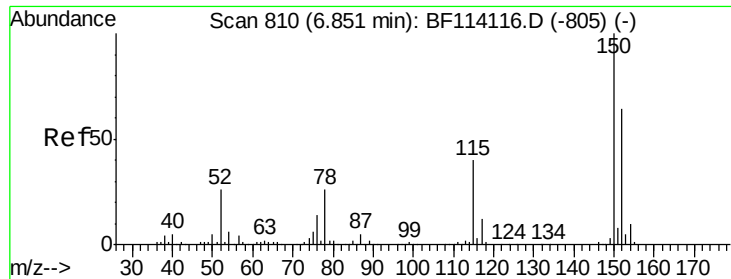
Manual Integrations
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Quant Time: May 14 09:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	230901	38.787	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	516802	55.230	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	550808	57.398	nq	98
46) 1,1'-Biphenyl	9.32	154	1919653	52.911	nq	99
47) 2-Chloronaphthalene	9.35	162	1481161	50.727	nq	97
48) 2-Nitroaniline	9.44	65	554467	53.545	nq	99
49) Acenaphthylene	9.76	152	2453178	55.240	nq	100
50) Dimethylphthalate	9.62	163	2107319	63.920	nq	99
51) 2,6-Dinitrotoluene	9.68	165	415712	56.851	nq	98
52) Acenaphthene	9.93	154	1375733	50.483	nq	98
53) 3-Nitroaniline	9.85	138	302669	33.344	nq	99
54) 2,4-Dinitrophenol	9.97	184	325439	87.792	nq	92
55) Dibenzofuran	10.10	168	2020790	50.570	nq	98
56) 4-Nitrophenol	10.04	139	591149	92.091	nq	96
57) 2,4-Dinitrotoluene	10.09	165	534101	53.814	nq	95
58) Fluorene	10.45	166	1628620	52.765	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	458518	55.376	nq	100
60) Diethylphthalate	10.32	149	1825890	54.508	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	781076	51.523	nq	99
62) 4-Nitroaniline	10.47	138	448859	47.059	nq	97
63) Azobenzene	10.59	77	1736297	53.550	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	214546	50.649	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1493498	55.821	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	517644	53.332	nq	99
68) Hexachlorobenzene	11.00	284	543641	50.630	nq	98
69) Atrazine	11.09	200	473333	56.850	nq	99
70) Pentachlorophenol	11.20	266	530974	104.316	nq	99
71) Phenanthrene	11.41	178	2528464	58.955	nq	100
72) Anthracene	11.46	178	2350572	54.566	nq	99
73) Carbazole	11.62	167	2178058	53.022	nq	100
74) Di-n-butylphthalate	11.94	149	2778039	58.701	nq	99
75) Fluoranthene	12.60	202	2738391	59.292	nq	97
77) Benzidine	12.71	184	85464	3.685	nq	98
78) Pyrene	12.83	202	3050641	73.399	nq	97
80) Butylbenzylphthalate	13.43	149	1139927m	65.161	nq	
81) Benzo(a)anthracene	14.02	228	2065572	61.812	nq	97
82) 3,3'-Dichlorobenzidine	13.98	252	492269	37.974	nq	99
83) Chrysene	14.06	228	2079868	63.492	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1675041	73.210	nq	100
85) Di-n-octyl phthalate	14.64	149	2737941	73.819	nq	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1635199	56.481	nq	99
88) Benzo(b)fluoranthene	15.10	252	2433192	66.045	nq	99
89) Benzo(k)fluoranthene	15.13	252	1708586	50.486	nq	99
90) Benzo(a)pyrene	15.48	252	1990112	61.379	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	1300477	48.269	nq	97
92) Benzo(g,h,i)perylene	17.48	276	1625158	60.190	nq	100

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



#1

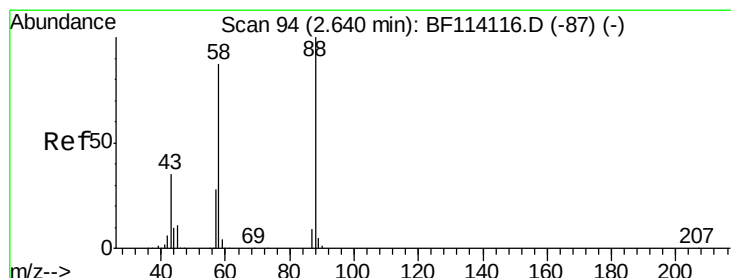
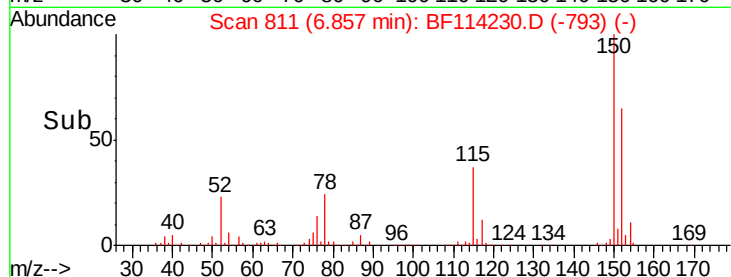
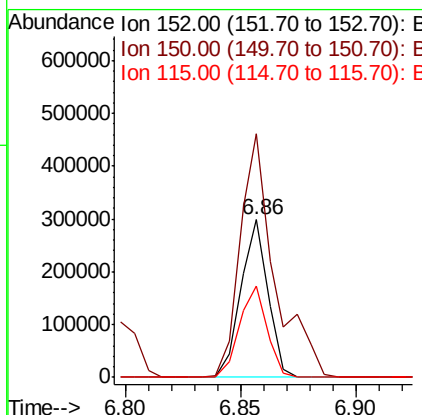
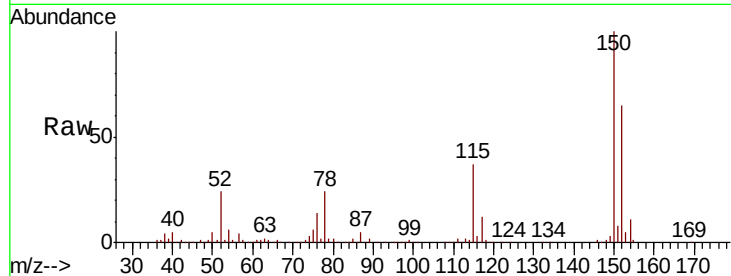
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.3	186.5
115	57.8	49.1	73.7

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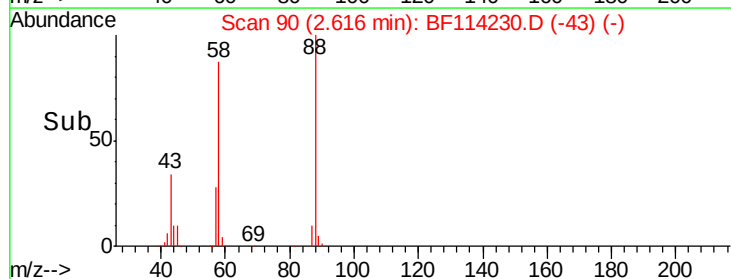
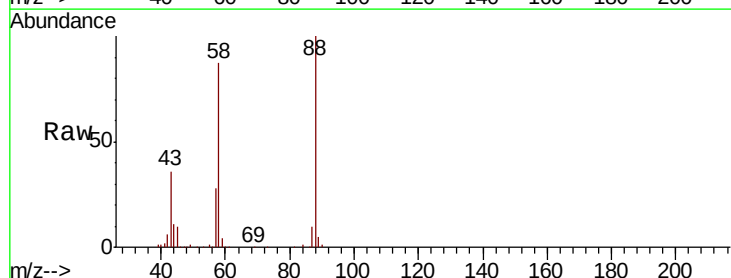
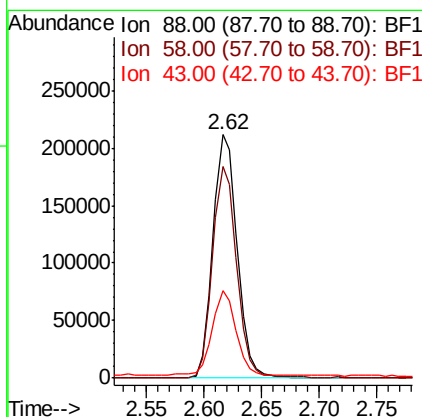
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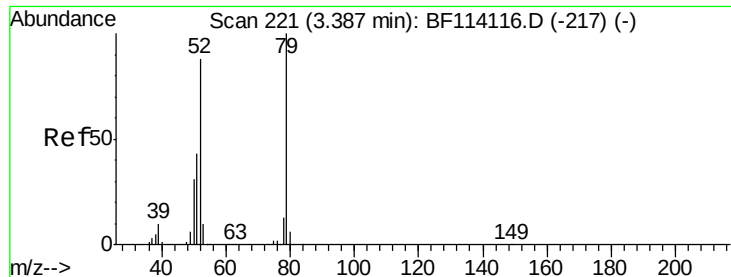


#2

1,4-Dioxane
Concen: 37.062 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.7	103.1
43	34.1	28.2	42.2





#3

Pvridine

Concen: 31.965 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

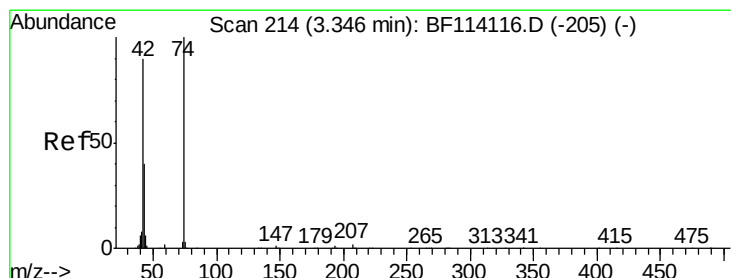
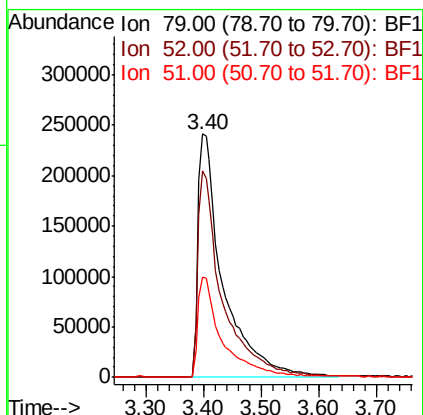
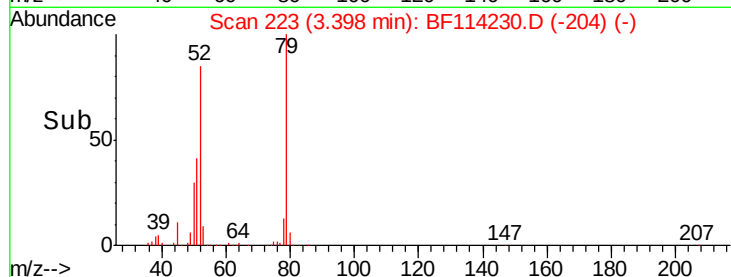
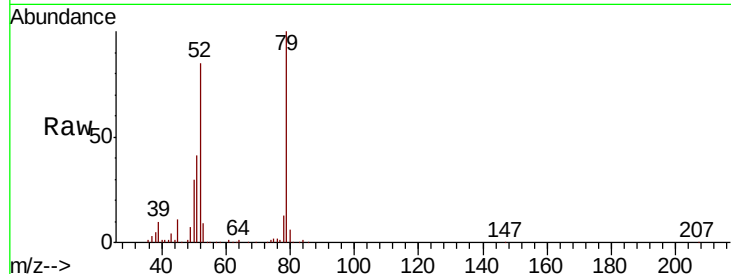
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	79	Resp:	734758
Ion Ratio	Lower	Upper	
79	100		
52	84.6	70.6	105.8
51	41.1	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.309 ng

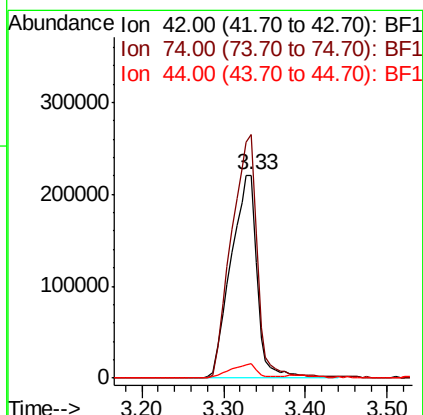
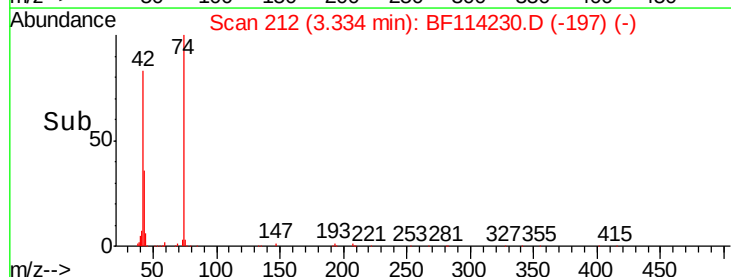
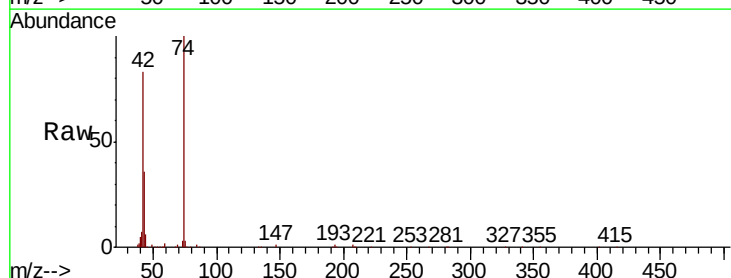
RT: 3.33 min Scan# 212

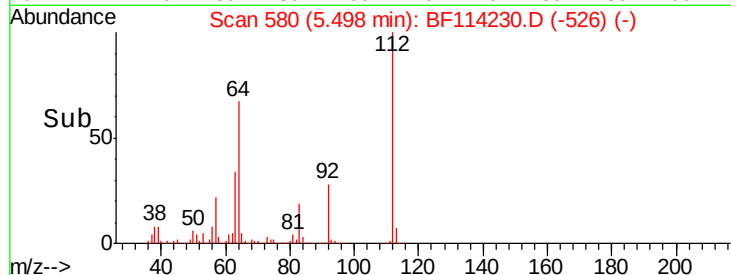
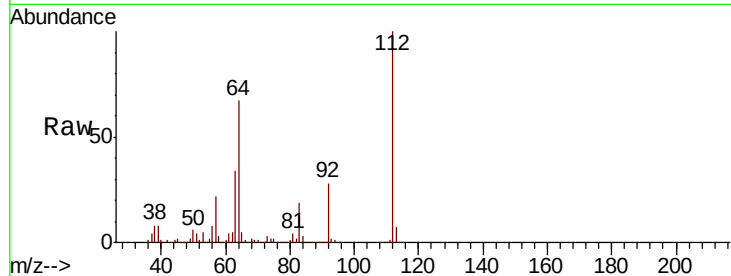
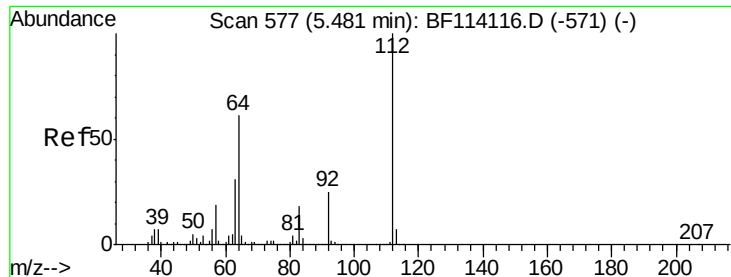
Delta R.T. -0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Tgt Ion:	42	Resp:	491157
Ion Ratio	Lower	Upper	
42	100		
74	119.9	88.6	132.8
44	7.2	5.5	8.3





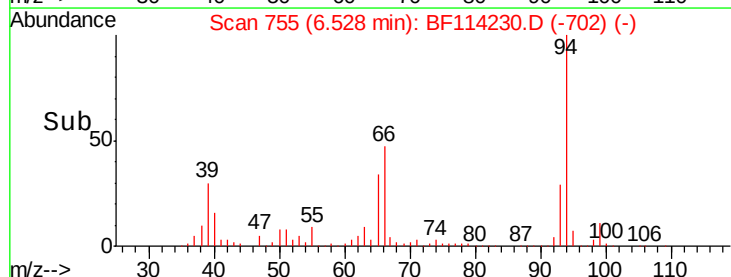
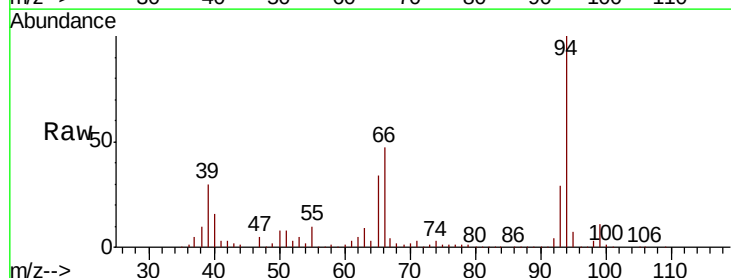
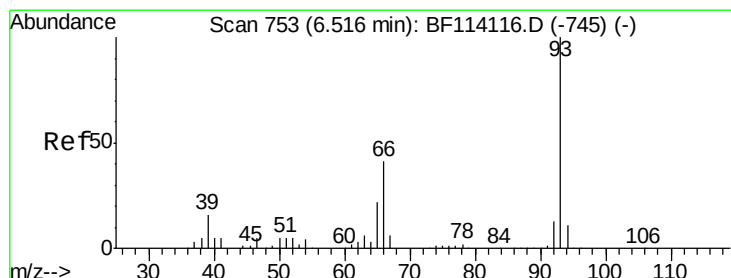
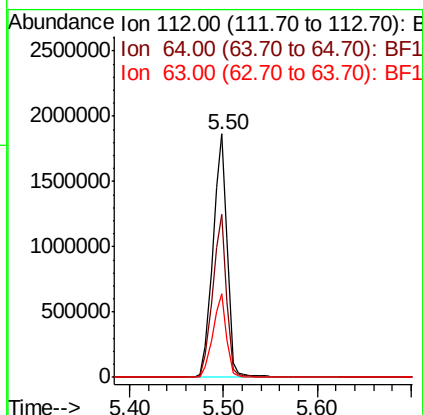
#5
2-Fluorophenol
Concen: 132.346 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tot Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.0	73.6
63	34.2	24.6	37.0

Instrument :
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ClientSampleId :
P026-SS002-1218-01MS

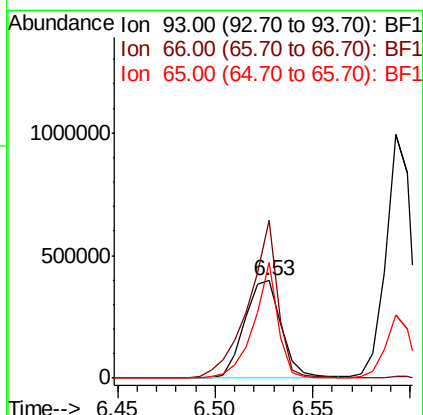
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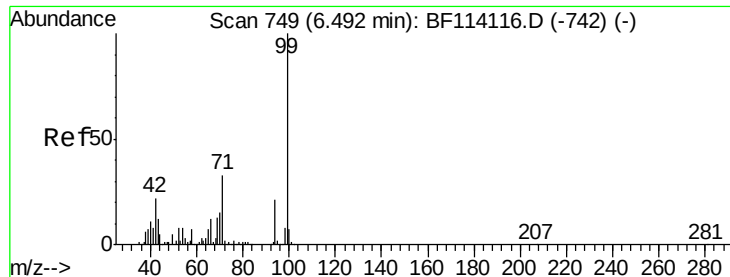
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#6
Aniline
Concen: 20.076 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
93	100		
66	161.8	33.2	49.8#
65	118.2	17.6	26.4#





#7

Phenol-d6

Concen: 149.183 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 99 Resp: 2678140

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

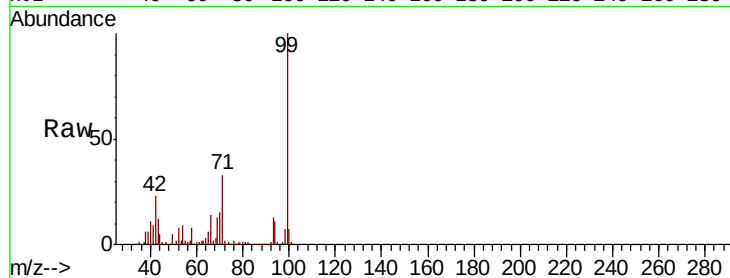
71 33.0 26.2 39.2

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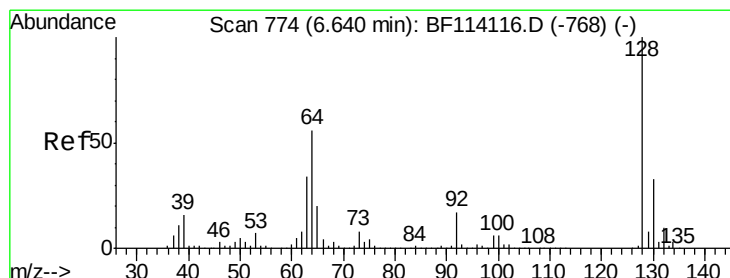
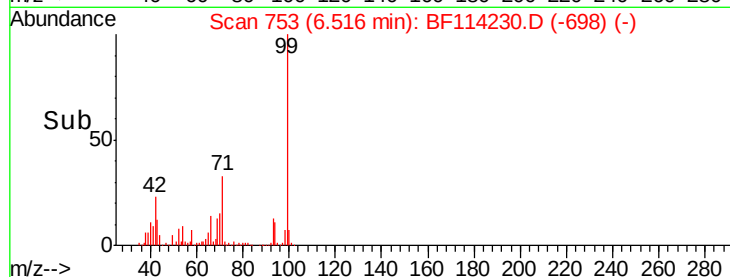
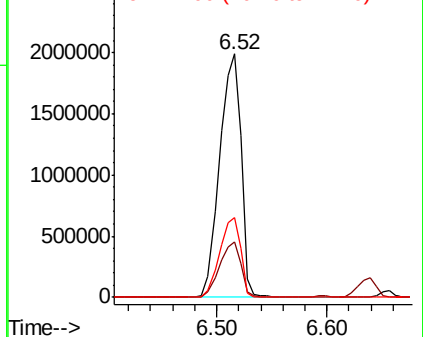
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 53.087 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

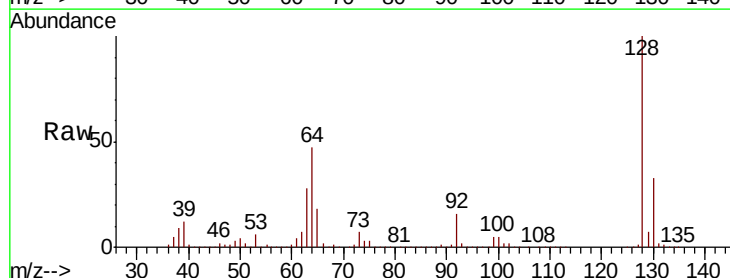
Tgt Ion: 128 Resp: 860218

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

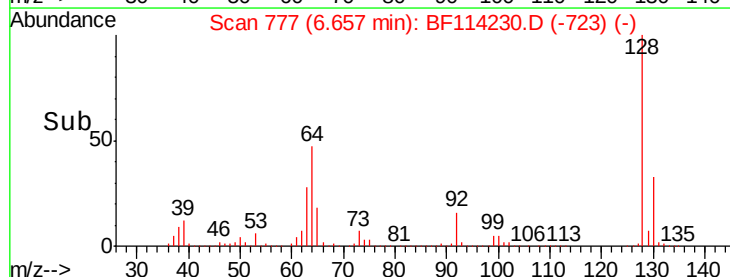
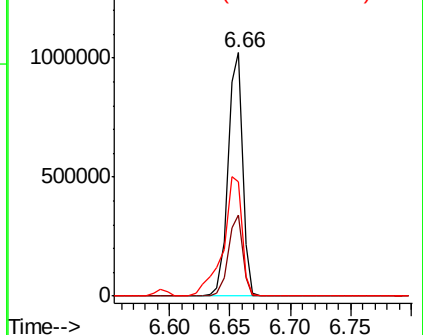
64 47.2 35.9 75.9

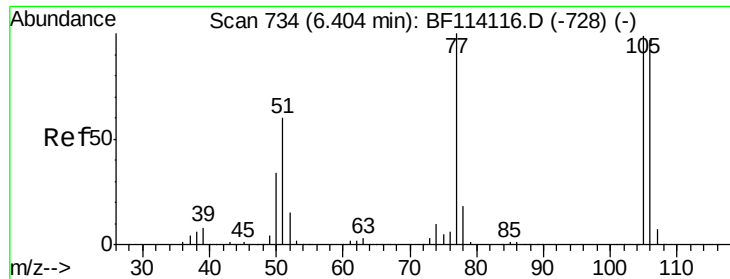


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.695 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

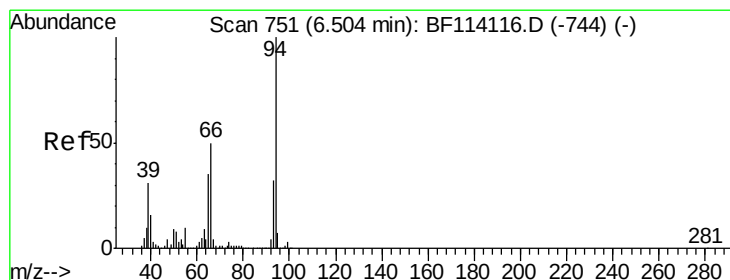
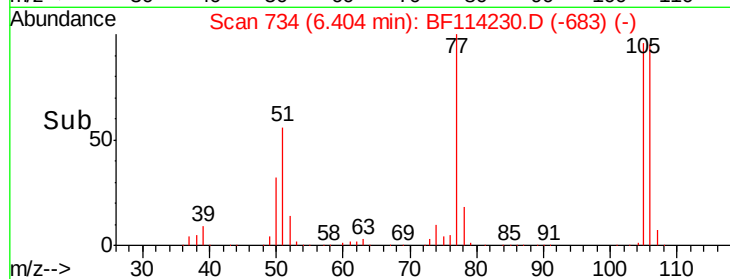
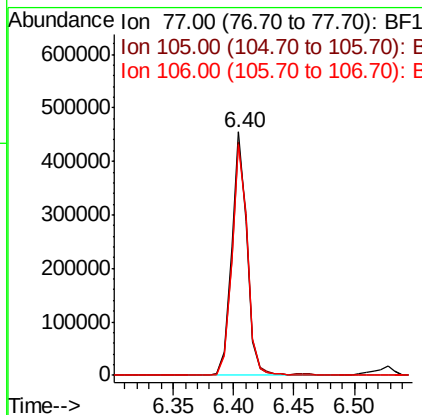
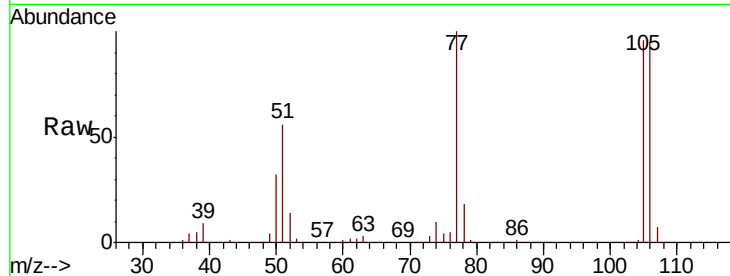
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	77	Resp:	398329
Ion	Ratio	Lower	Upper
77	100		
105	95.8	79.3	119.3
106	94.7	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 47.713 ng

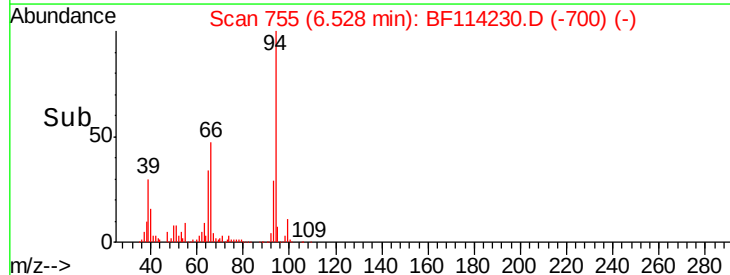
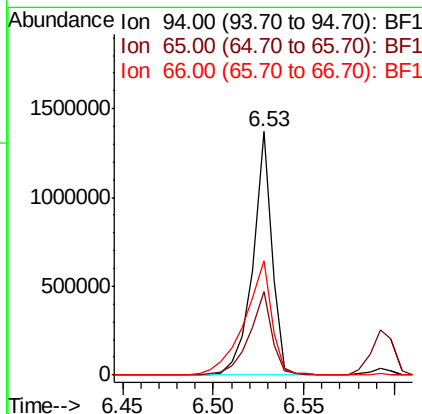
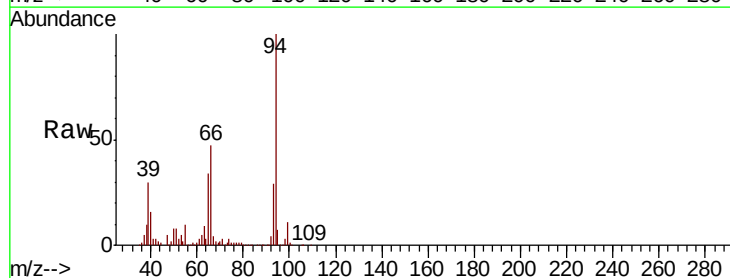
RT: 6.53 min Scan# 755

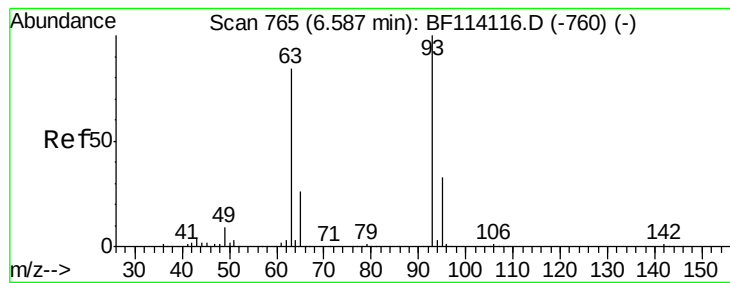
Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Tgt Ion:	94	Resp:	1007624
Ion	Ratio	Lower	Upper
94	100		
65	34.2	14.7	54.7
66	46.9	29.6	69.6





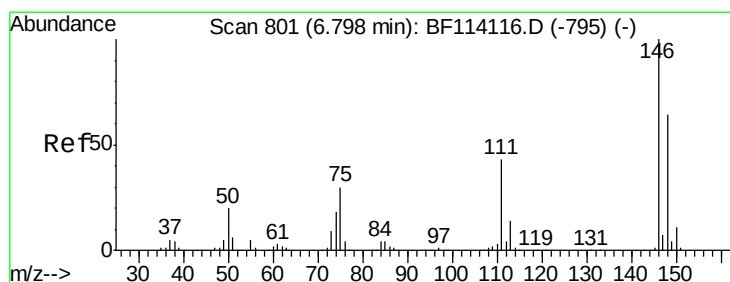
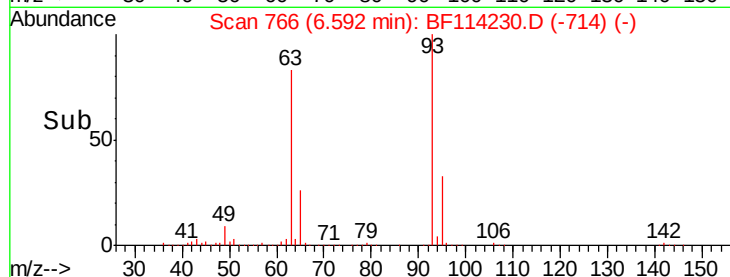
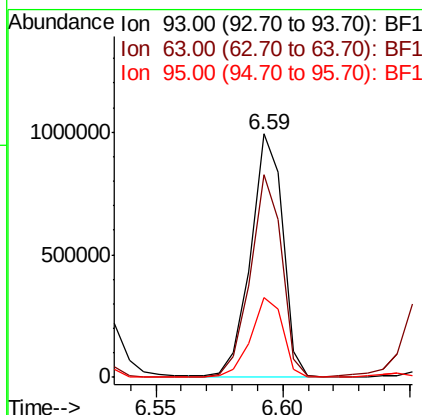
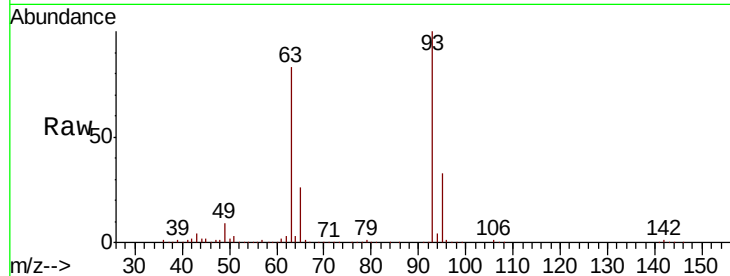
#11
bis(2-Chloroethyl)ether
Concen: 54.624 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.6	103.6
95	33.0	13.1	53.1

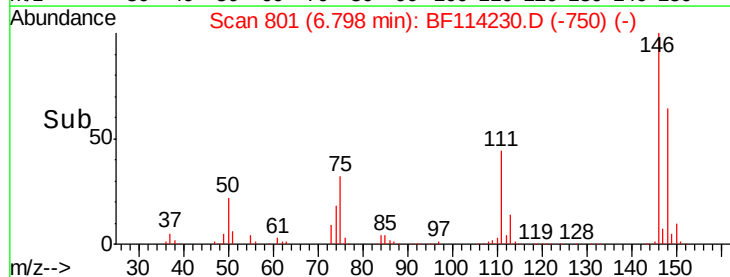
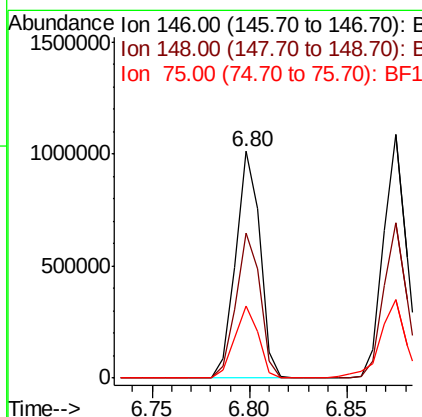
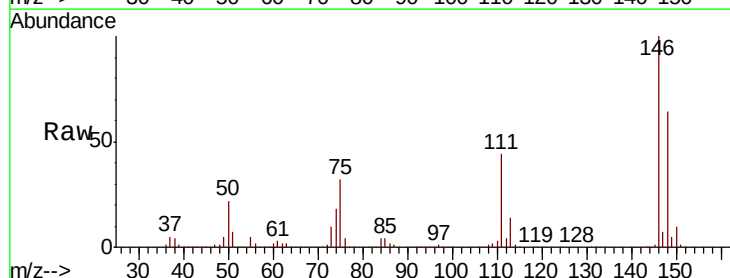
Manual Integrations
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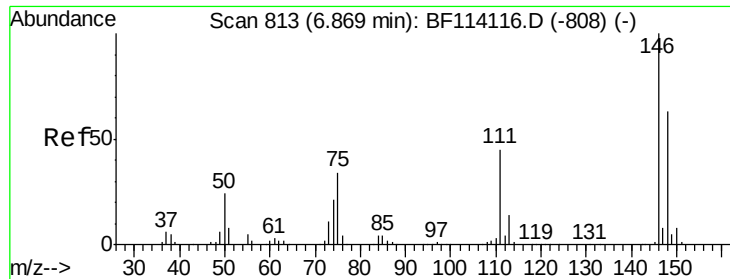
Sohil
5/14/2019 8:03:13 PM



#12
1,3-Dichlorobenzene
Concen: 48.091 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
75	31.7	24.2	36.2





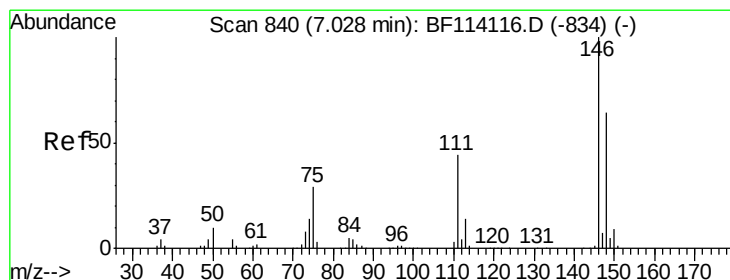
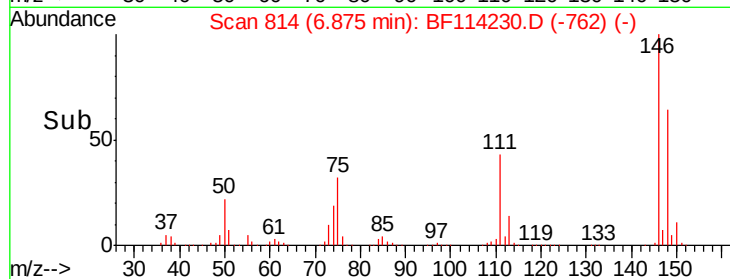
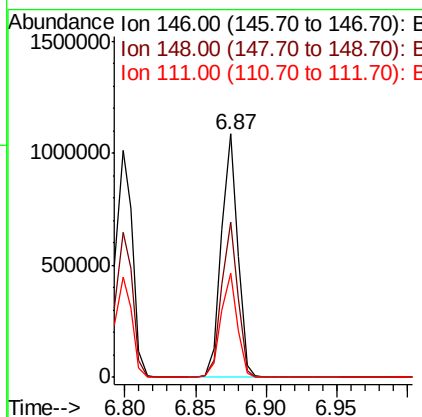
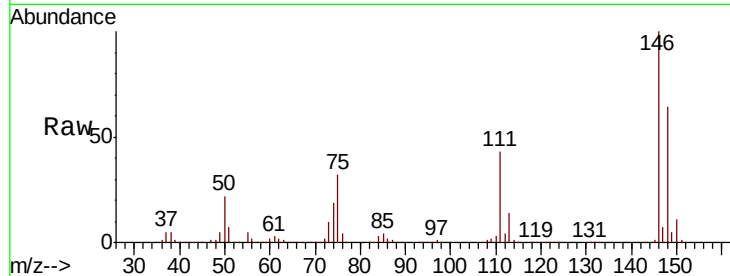
#13
 1,4-Dichlorobenzene
 Concen: 47.917 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	42.5	35.8	53.6

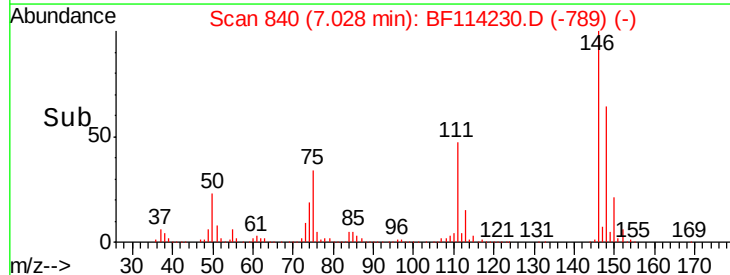
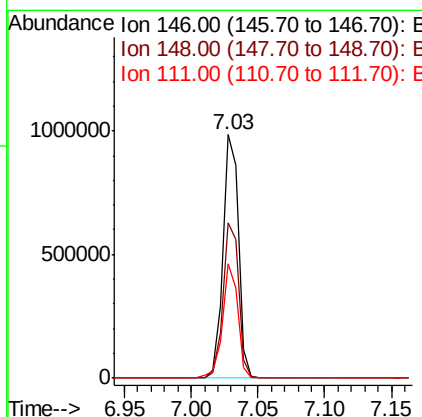
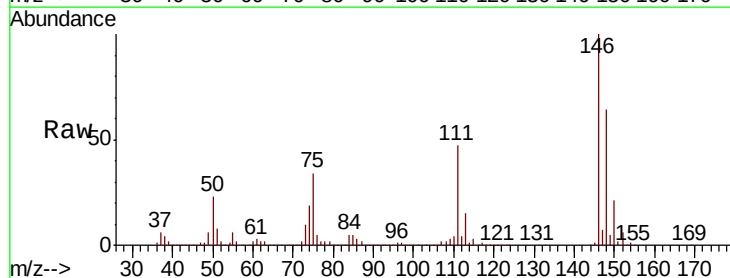
Manual Integrations
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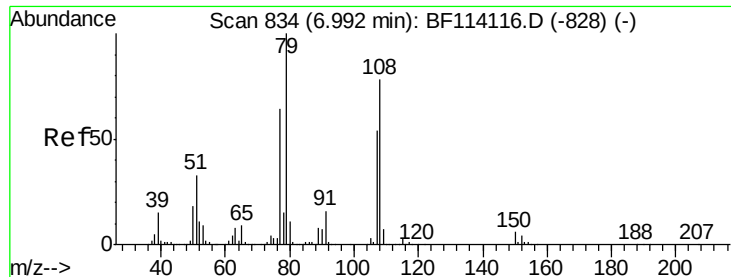
Sohil
 5/14/2019 8:03:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.610 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	47.0	35.3	52.9





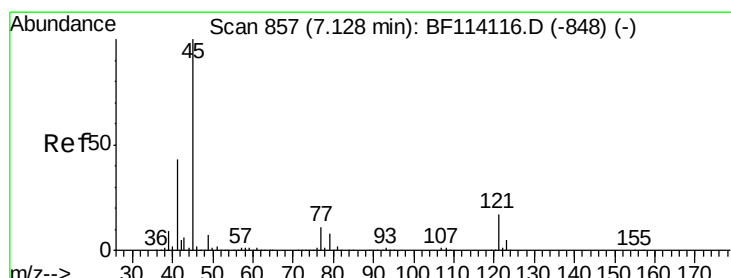
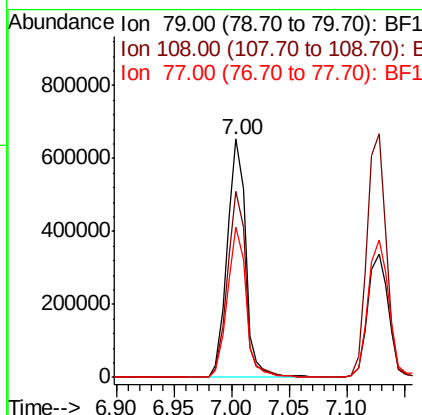
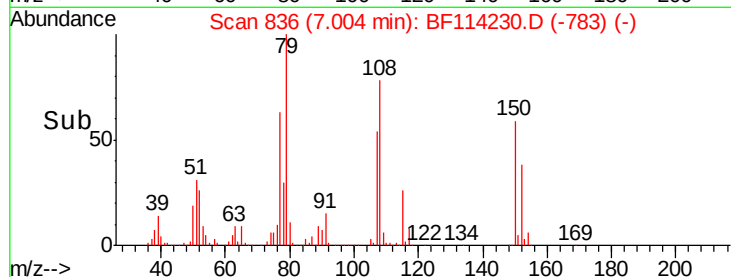
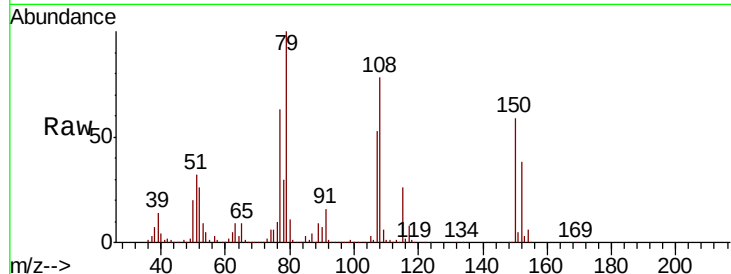
#15
Benzyl Alcohol
Concen: 51.866 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	62.1	93.1
77	63.2	51.0	76.6

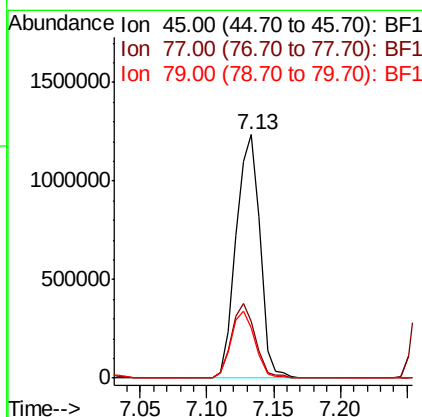
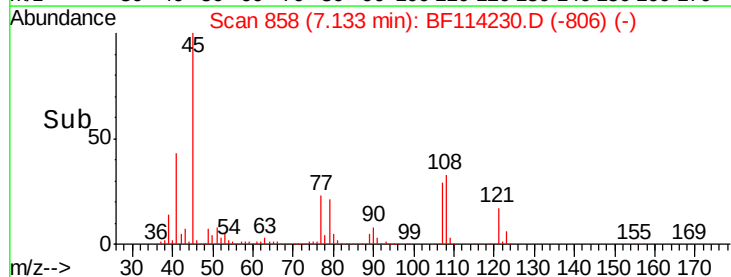
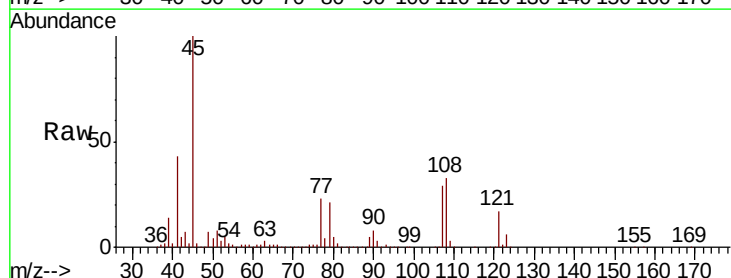
Manual Integrations
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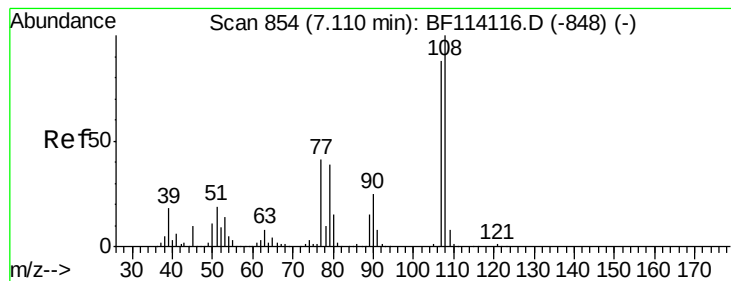
Sohil
5/14/2019 8:03:13 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.496 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.5	0.0	31.1
79	20.6	0.0	28.4





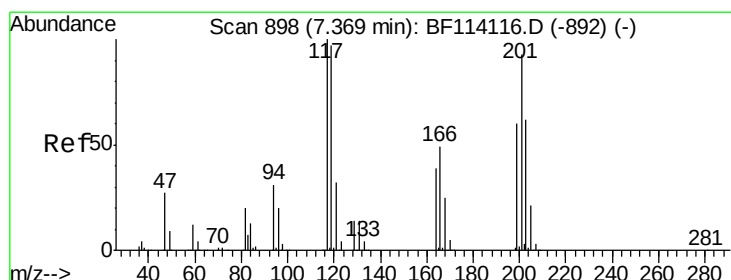
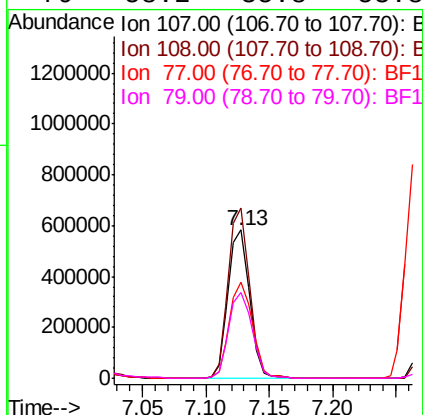
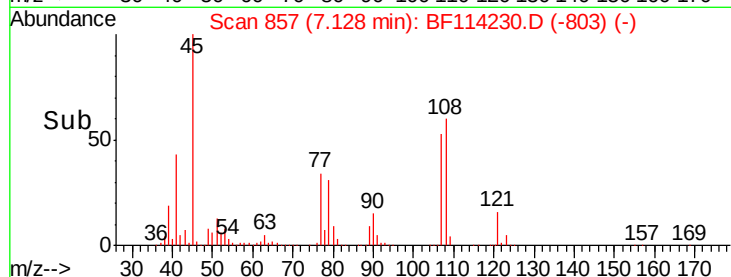
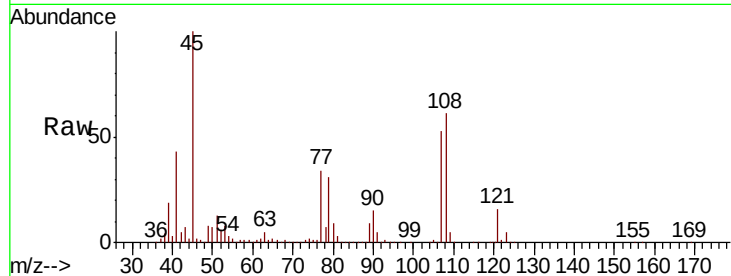
#17
2-Methylphenol
Concen: 51.385 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	683973		
108	114.5	90.5	135.7	
77	64.8	37.0	55.4	
79	58.2	35.8	53.8	

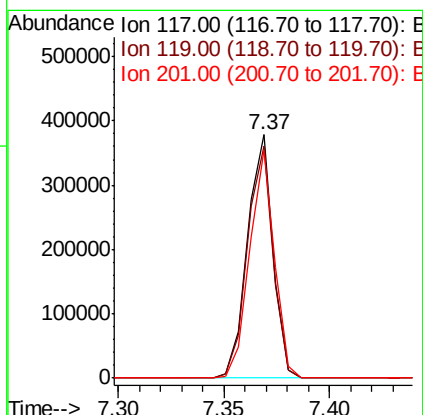
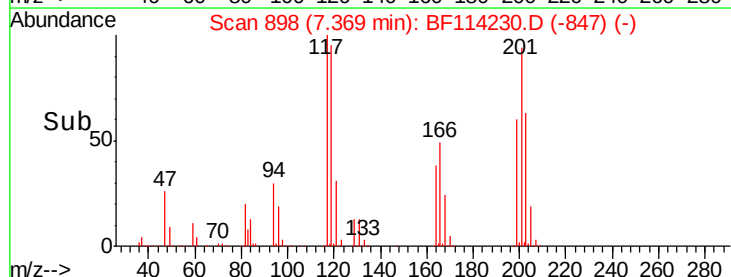
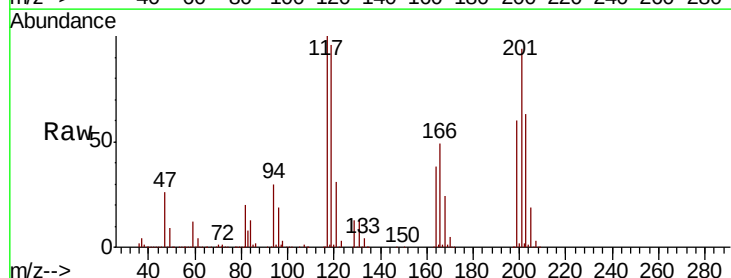
Manual Integrations
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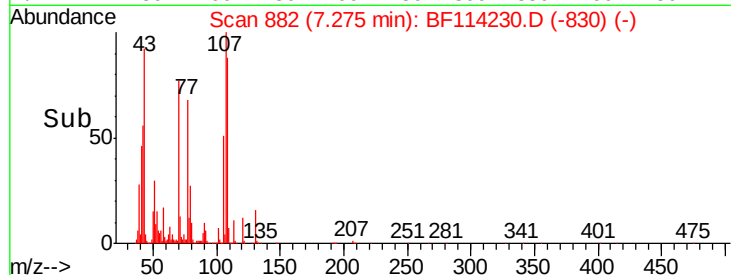
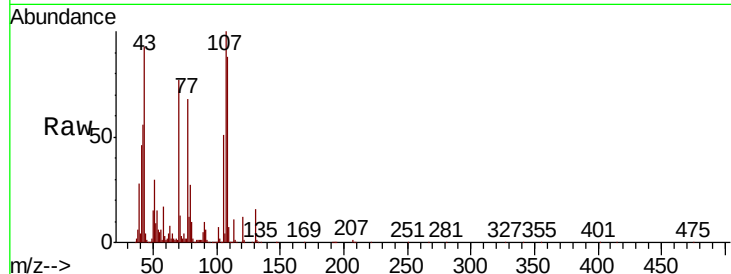
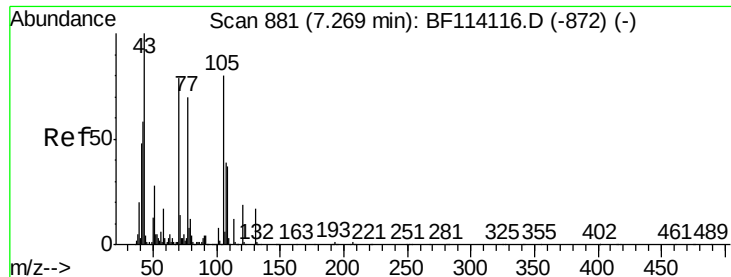
Sohil
5/14/2019 8:03:13 PM



#18
Hexachloroethane
Concen: 46.044 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	316779		
119	95.6	77.4	116.2	
201	93.9	74.5	111.7	





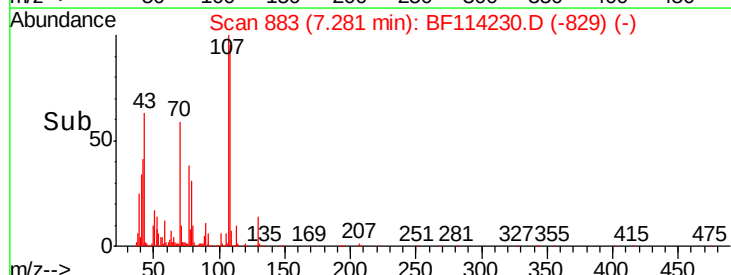
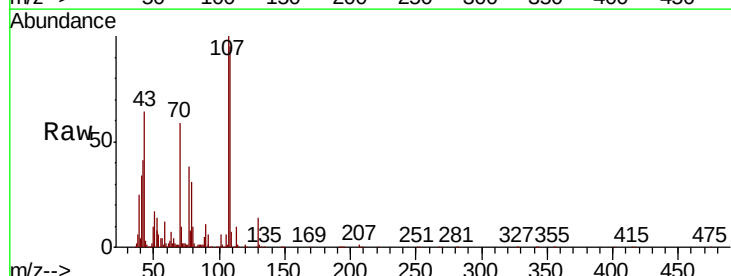
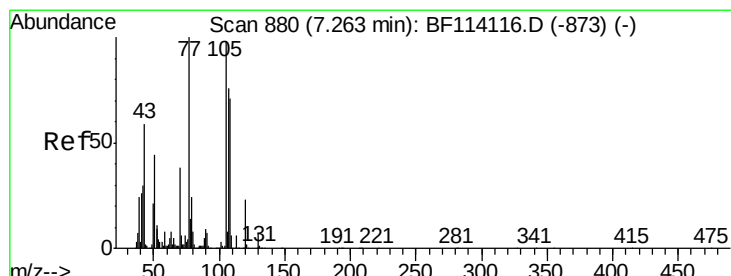
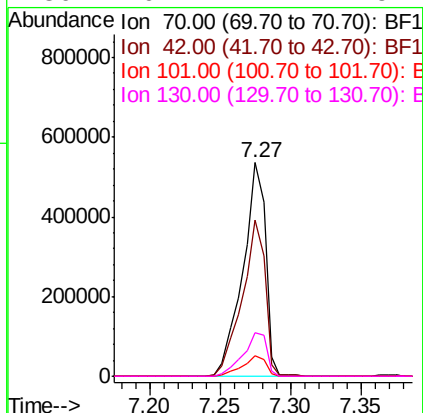
#19
n-Nitroso-di-n-propylamine
Concen: 53.235 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Manual Integrations
APPROVED

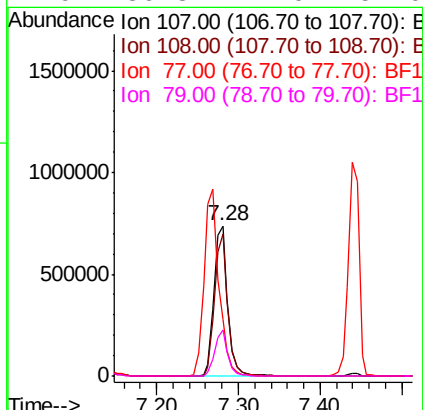
Sohil
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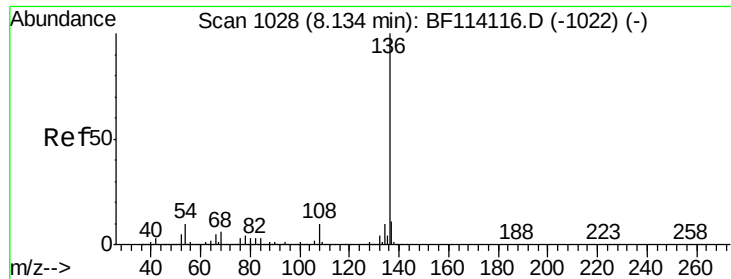
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.0	58.6	87.8	
101	9.3	7.8	11.8	
130	20.7	17.1	25.7	



#20
3+4-Methylphenols
Concen: 55.788 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.2	73.8	113.8	
77	37.7	111.5	151.5	
79	30.8	12.0	52.0	





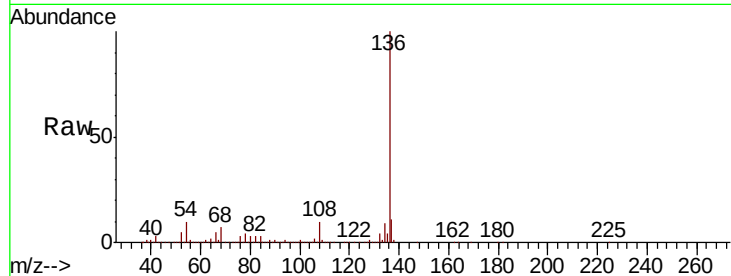
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	934781		
137	11.4		8.8	13.2
54	9.7		7.8	11.8
68	6.7		5.1	7.7

Manual Integrations
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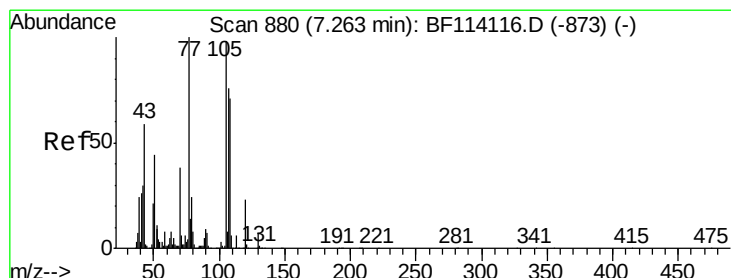
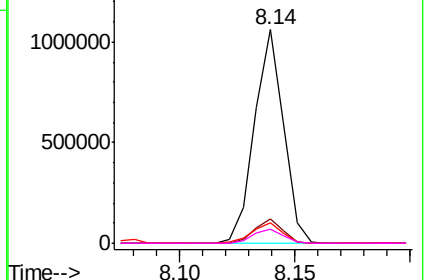
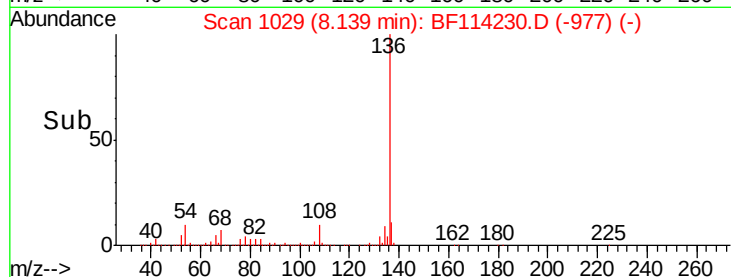
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

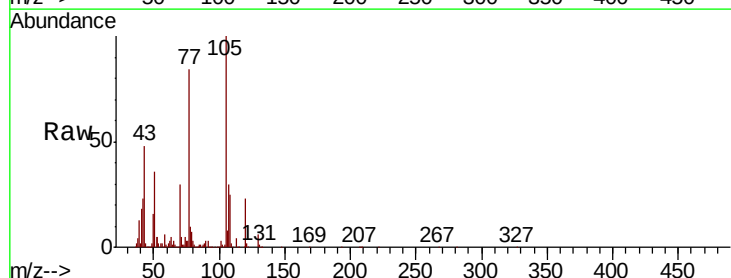
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 55.985 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1159357		
71	5.0		5.3	7.9#
51	36.1		36.2	54.4#
120	23.0		18.6	28.0



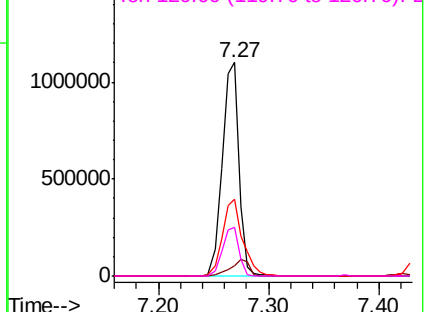
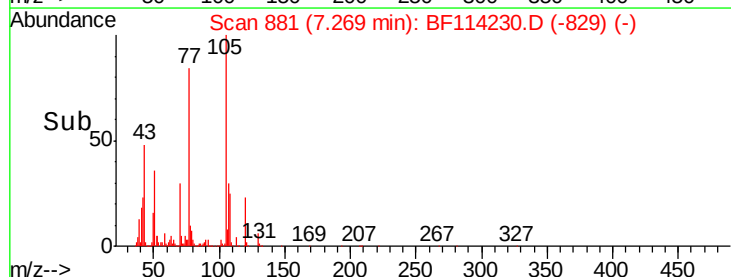
Abundance

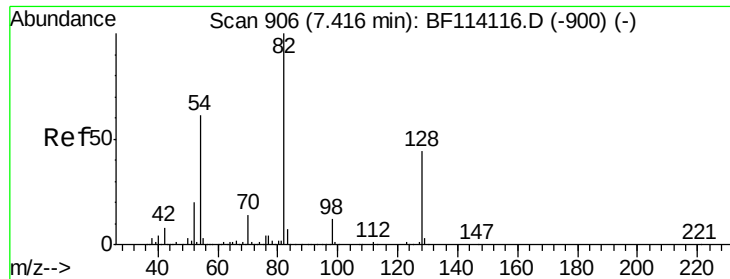
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





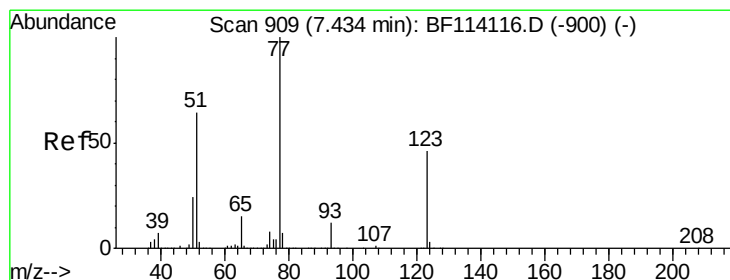
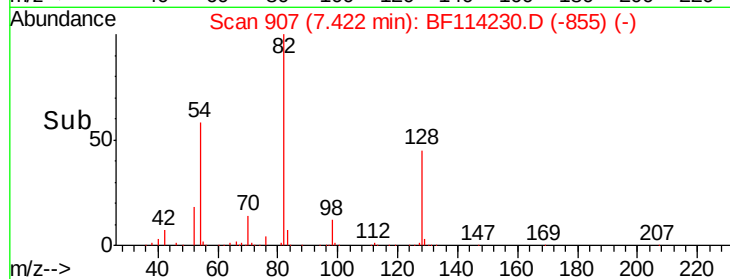
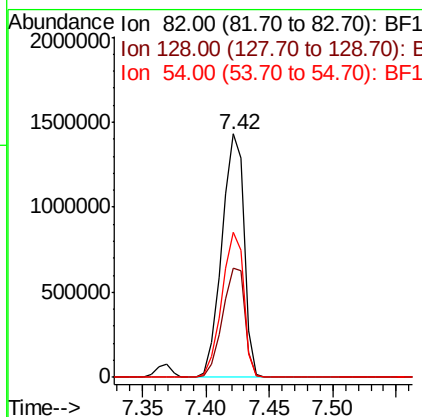
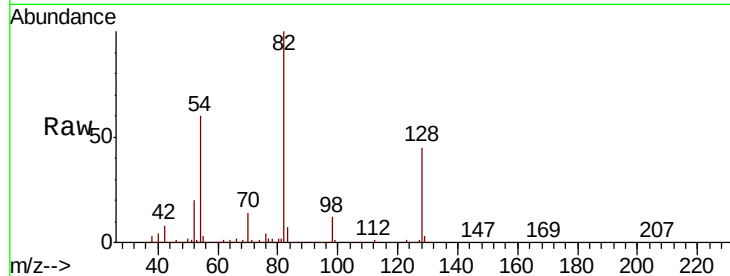
#23
 Nitrobenzene-d5
 Concen: 104.301 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.5	53.3
54	59.5	48.5	72.7

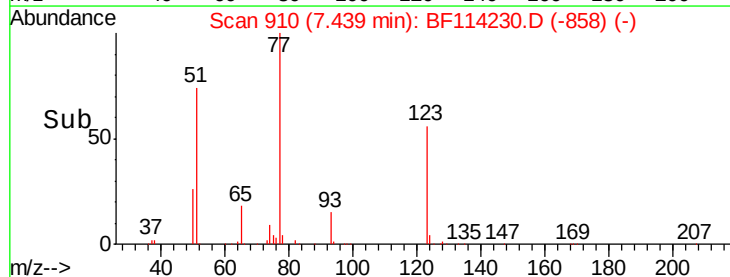
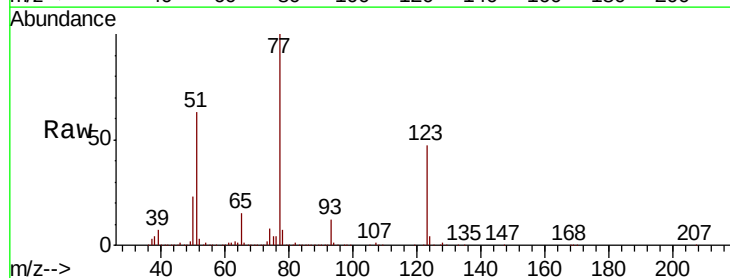
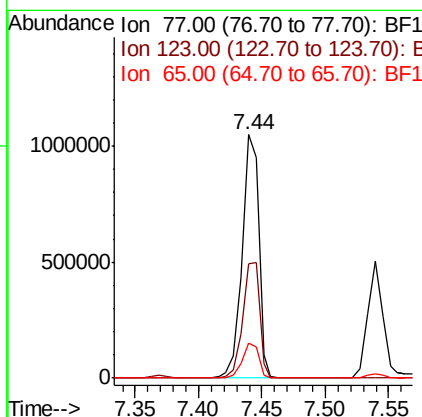
Manual Integrations
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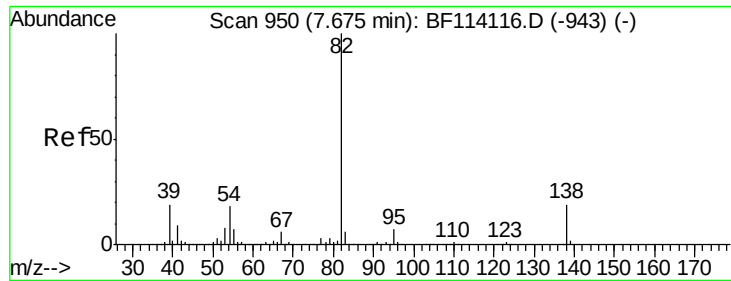
Sohil
 5/14/2019 8:03:13 PM



#24
 Nitrobenzene
 Concen: 55.647 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	36.9	55.3
65	14.6	11.8	17.6





#25

Isophorone

Concen: 55.839 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 82 Resp: 1724978

Ion Ratio Lower Upper

82 100

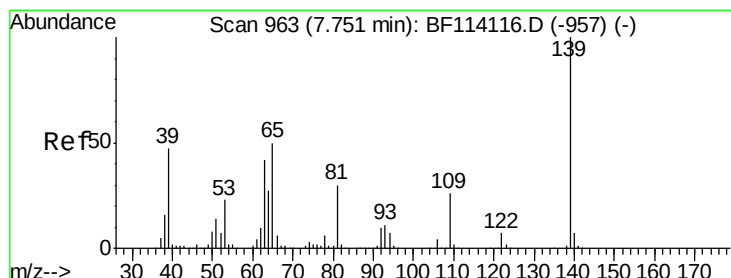
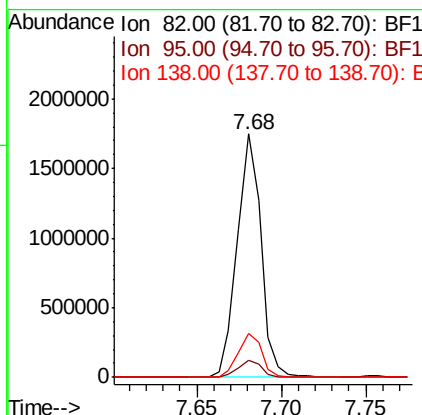
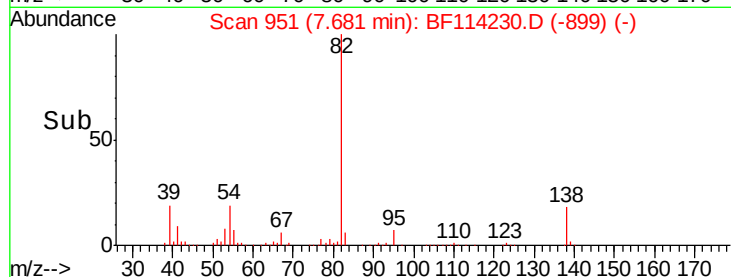
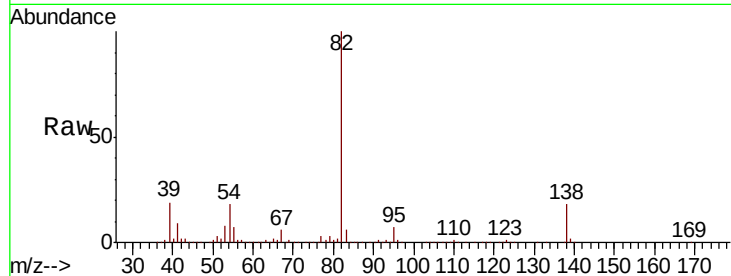
95 7.1 5.6 8.4

138 18.1 14.8 22.2

Manual Integrations
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Sohil

5/14/2019 8:03:13 PM



#26

2-Nitrophenol

Concen: 59.598 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

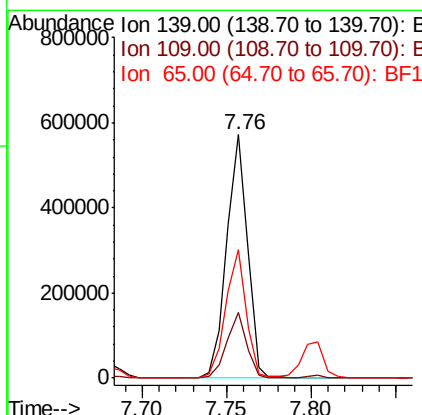
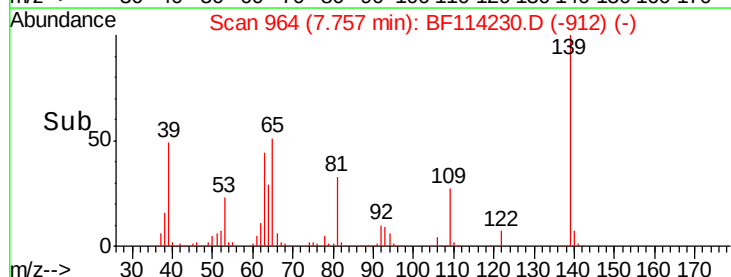
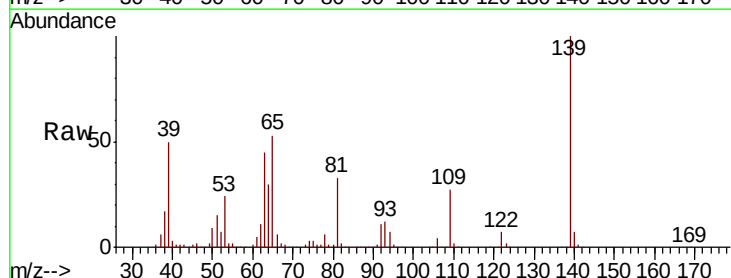
Tgt Ion: 139 Resp: 490541

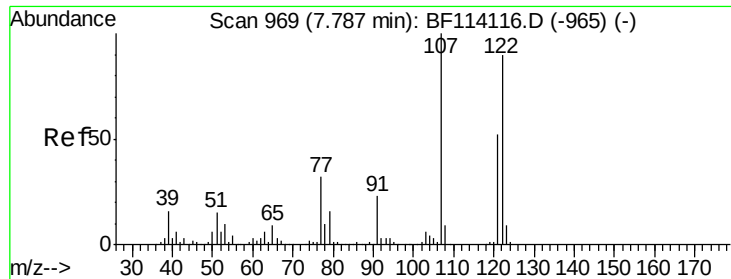
Ion Ratio Lower Upper

139 100

109 26.9 20.7 31.1

65 52.9 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 60.673 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

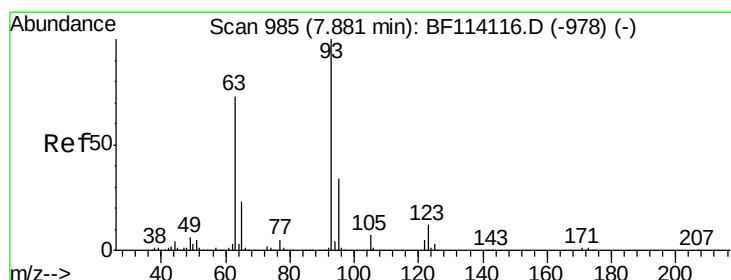
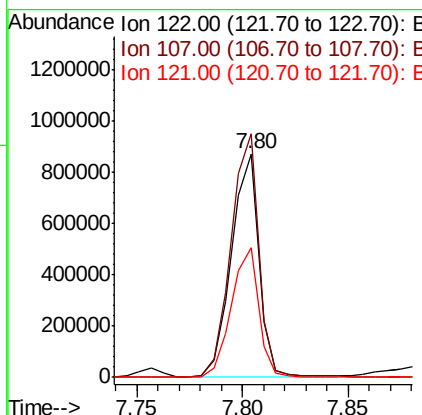
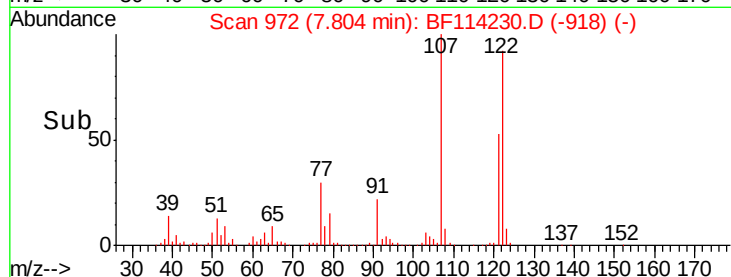
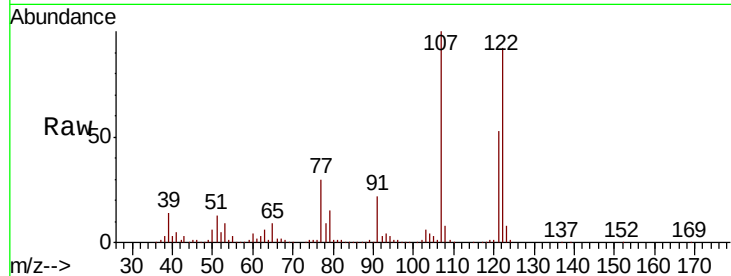
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	122	Resp:	784329
Ion Ratio	Lower	Upper	
122	100		
107	109.1	88.4	132.6
121	58.1	45.9	68.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 55.554 ng

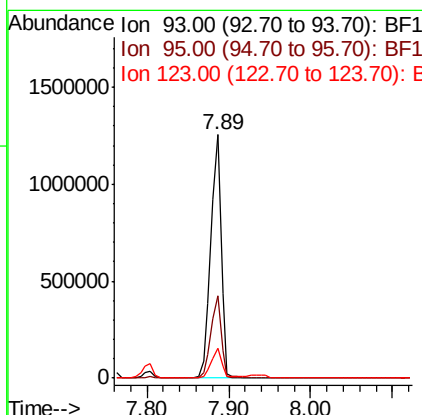
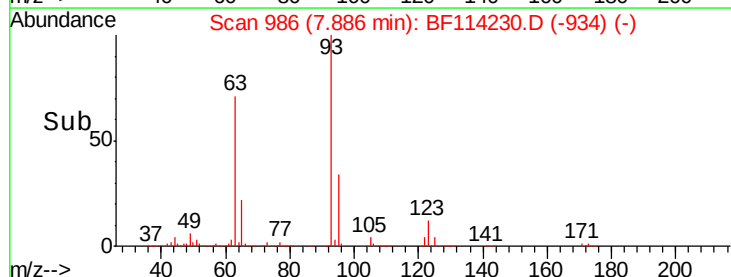
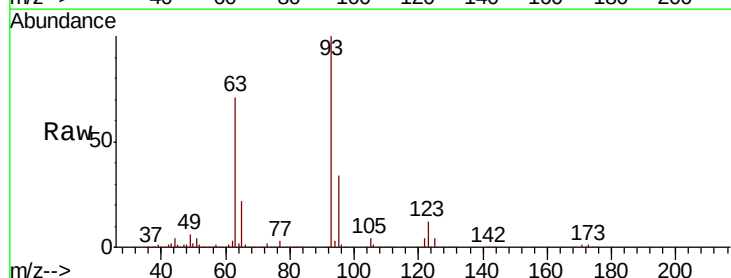
RT: 7.89 min Scan# 986

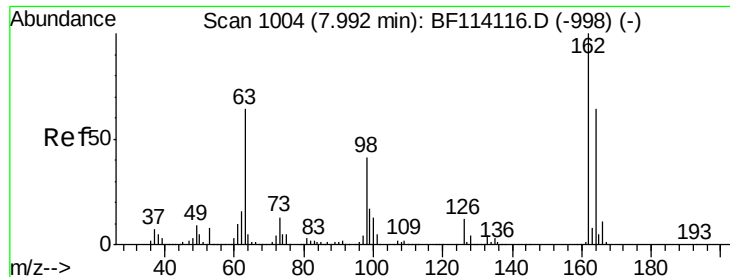
Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Tgt Ion:	93	Resp:	1113514
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.8	40.2
123	12.1	9.5	14.3





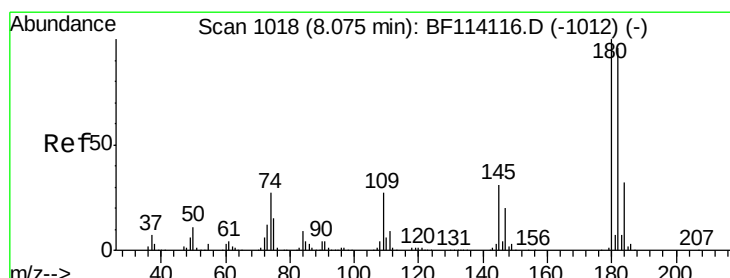
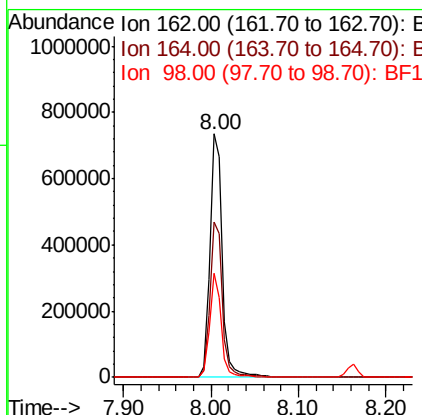
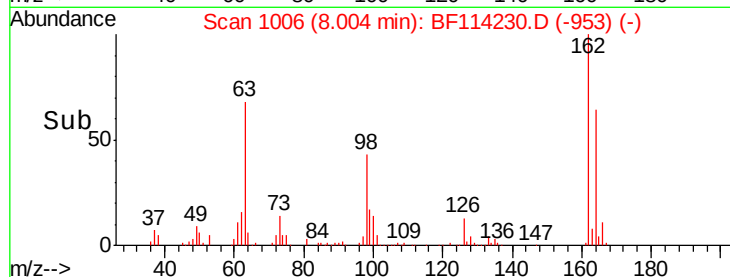
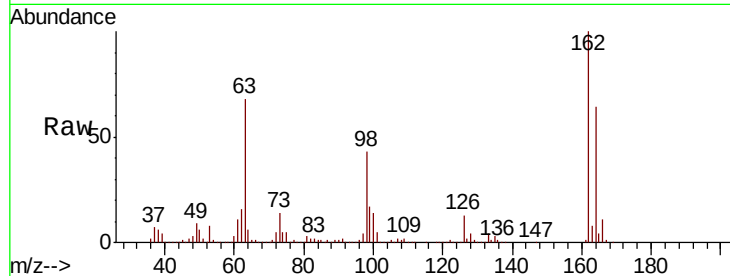
#29
 2,4-Dichlorophenol
 Concen: 56.049 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	721481		
164	63.5	43.6	83.6	
98	42.6	20.6	60.6	

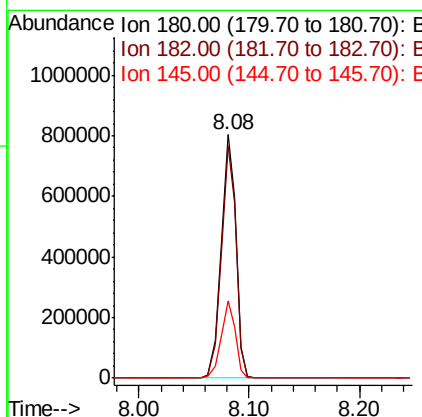
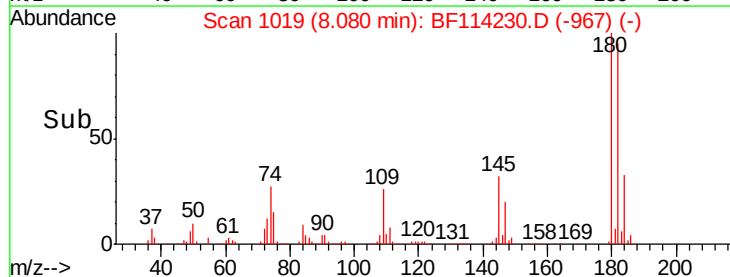
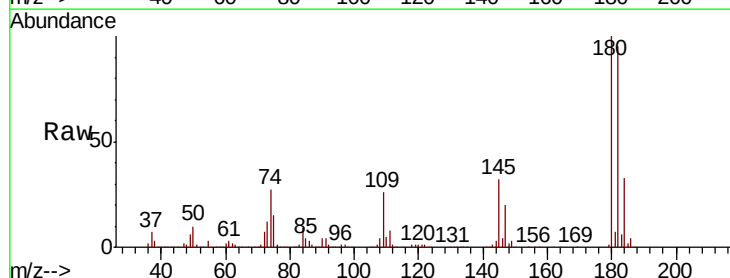
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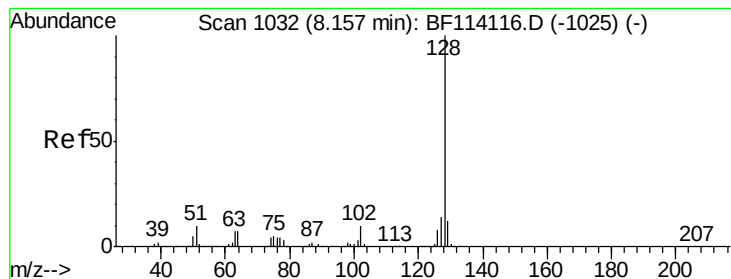
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.134 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	748475		
182	95.2	76.6	114.8	
145	31.5	25.1	37.7	





#31

Naphthalene

Concen: 54.475 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

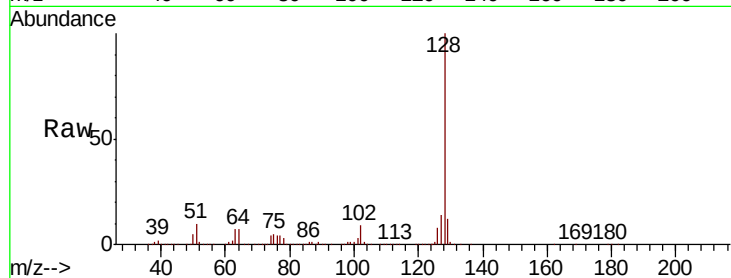
ClientSampleId :

P026-SS002-1218-01MS

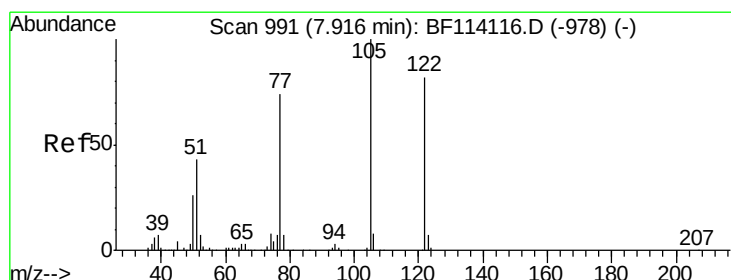
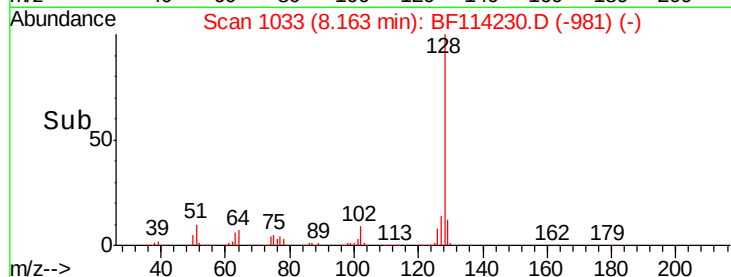
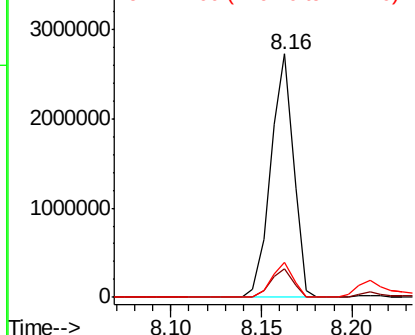
Tot Ion:	128	Resp:	2378646
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.4	11.3	16.9

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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: 55.500 ng

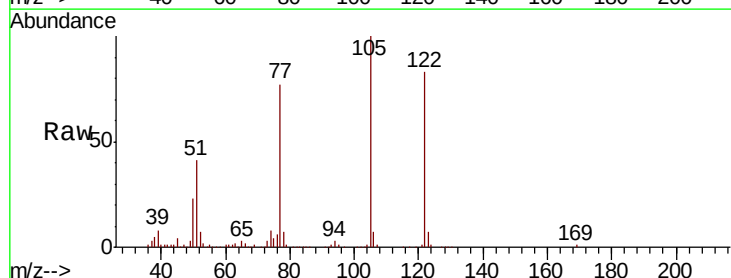
RT: 7.95 min Scan# 996

Delta R.T. 0.03 min

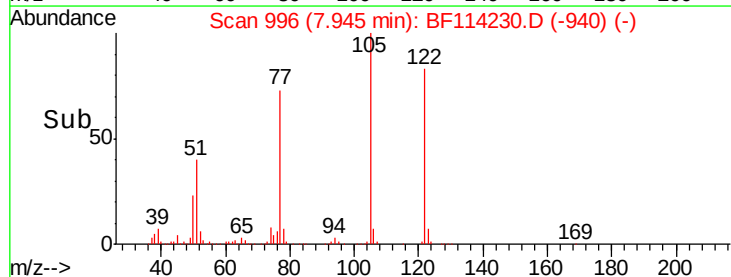
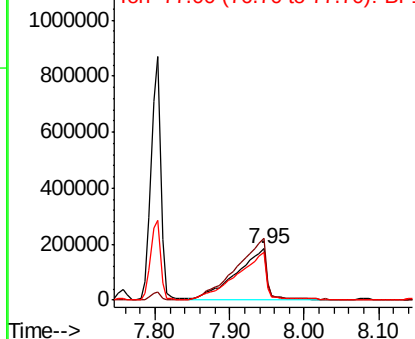
Lab File: BF114230.D

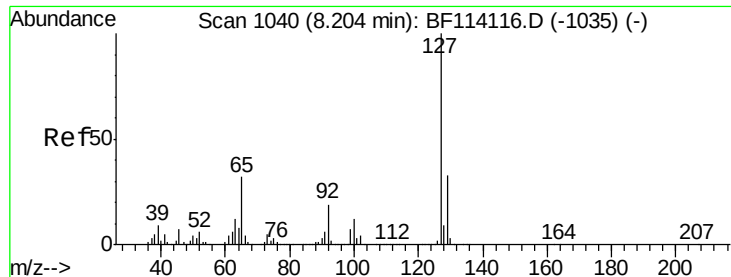
Acq: 13 May 2019 15:50

Tgt Ion:	122	Resp:	523414
Ion	Ratio	Lower	Upper
122	100		
105	120.4	99.9	139.9
77	92.4	69.4	109.4



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





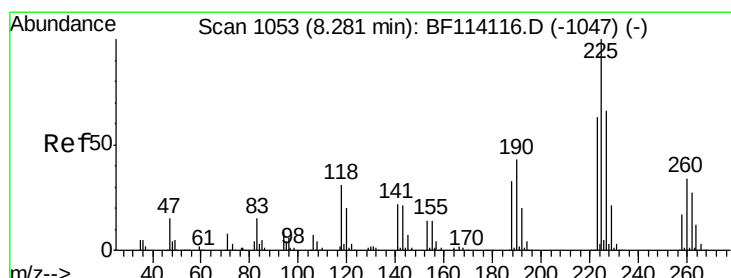
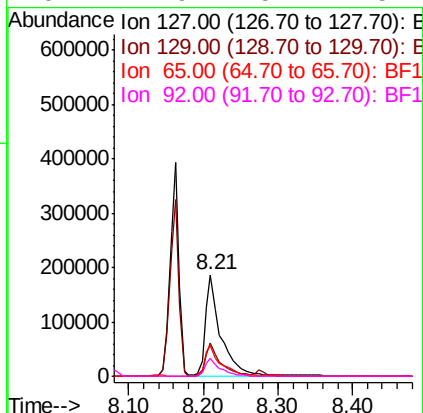
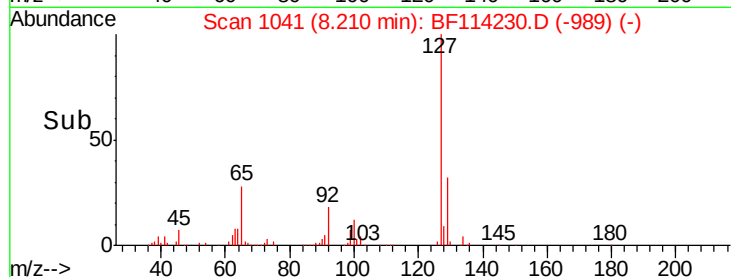
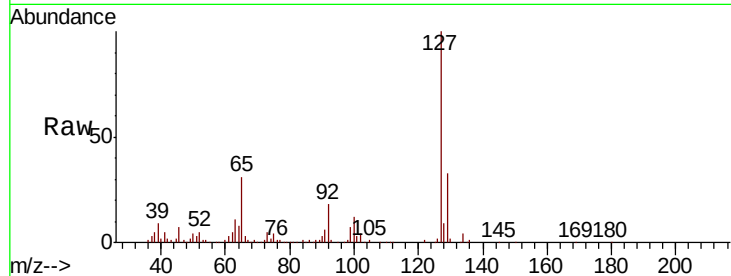
#33
4-Chloroaniline
Concen: 13.535 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.7	40.1		
65	30.7	25.4	38.0		
92	17.9	15.4	23.2		

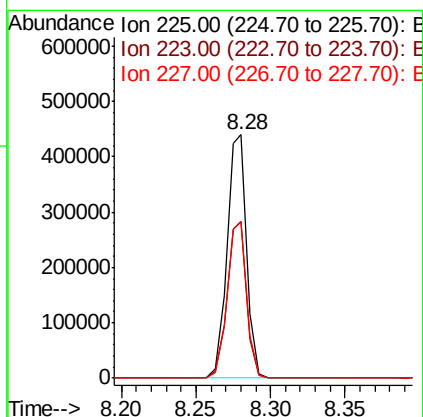
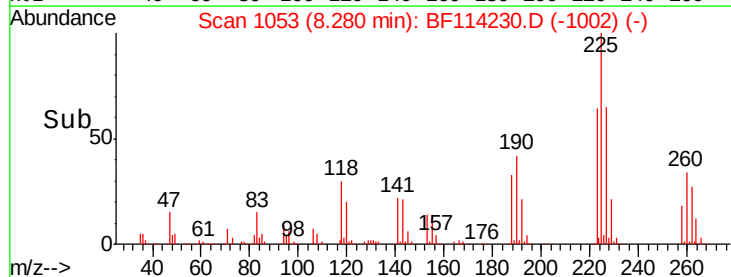
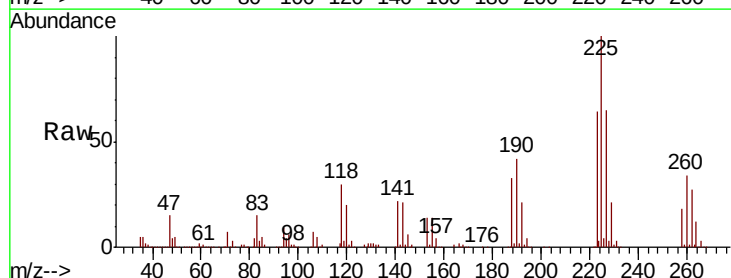
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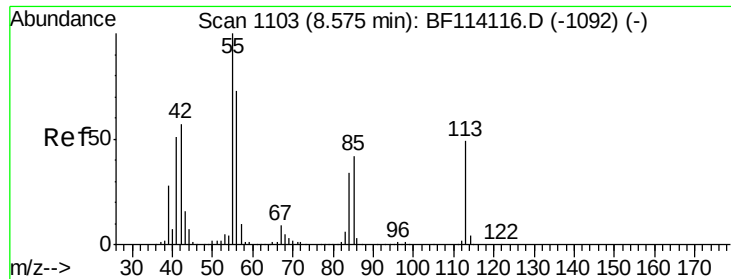
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#34
Hexachlorobutadiene
Concen: 49.124 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.2	75.2		
227	64.5	52.6	79.0		





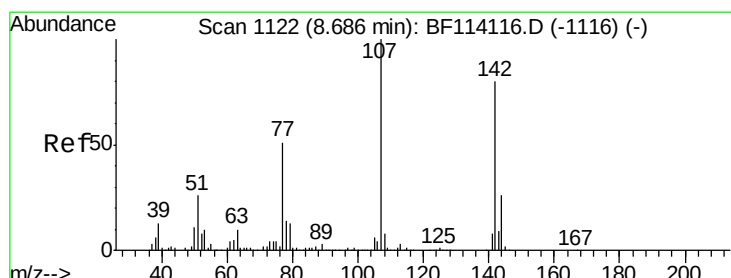
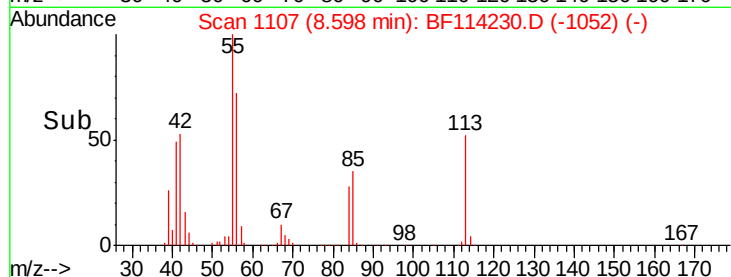
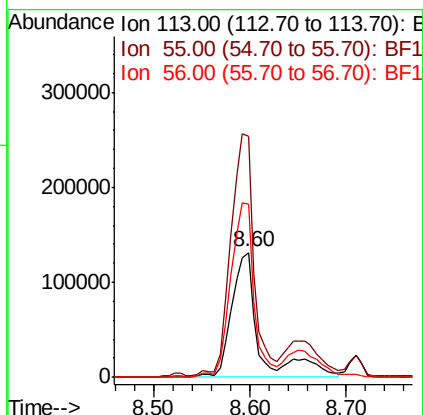
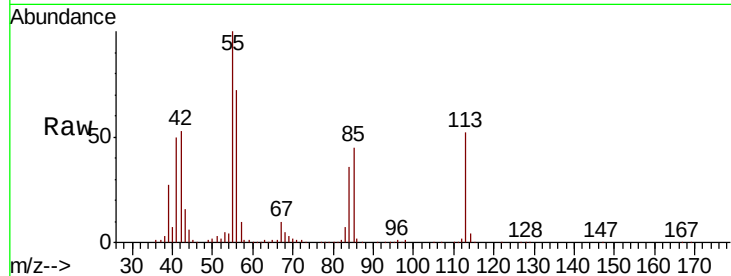
#35
Caprolactam
Concen: 62.487 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	193.3		183.5	223.5	
56	138.5		128.8	168.8	

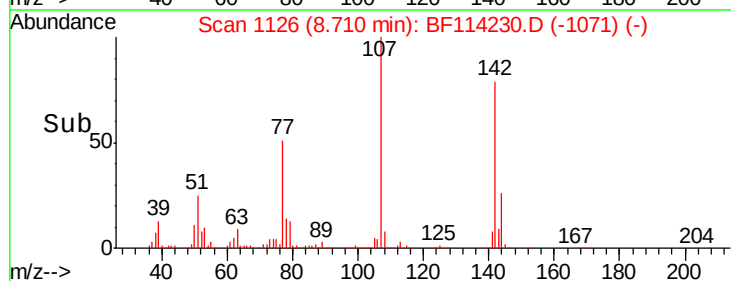
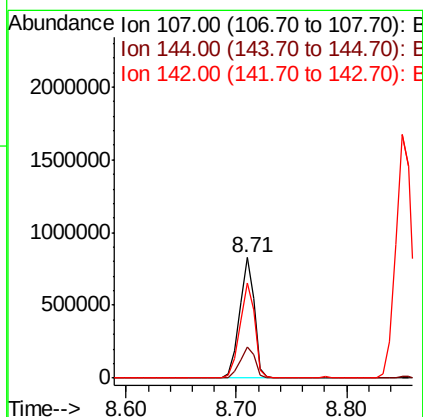
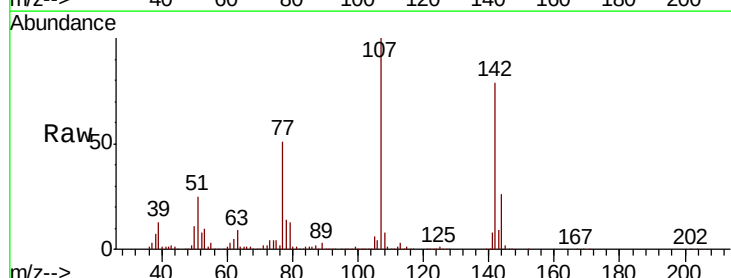
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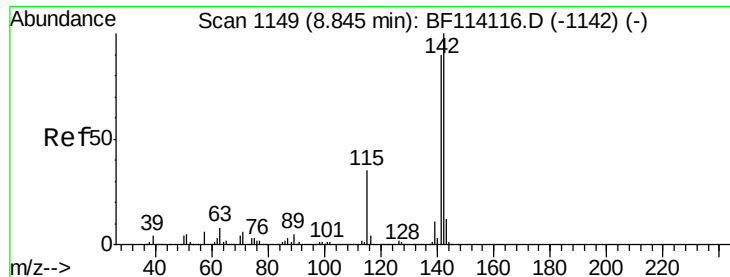
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#36
4-Chloro-3-methylphenol
Concen: 60.340 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.7		20.4	30.6	
142	78.8		64.2	96.4	





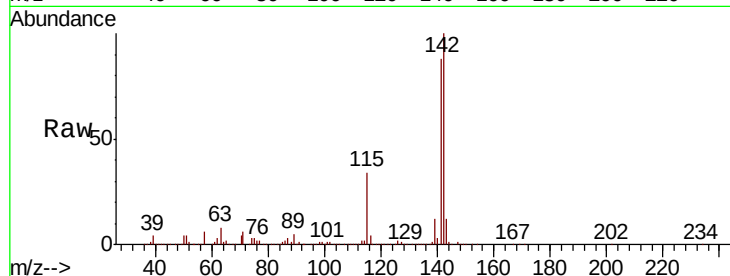
#37
2-Methylnaphthalene
Concen: 57.343 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	33.9	28.0	42.0

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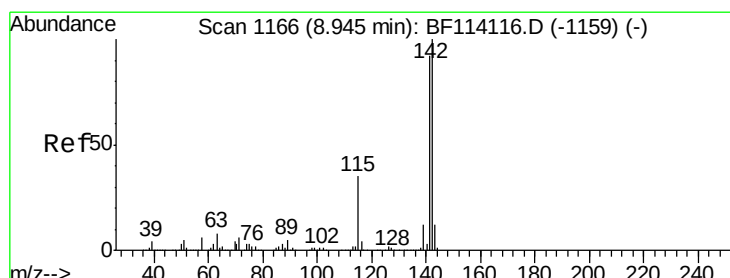
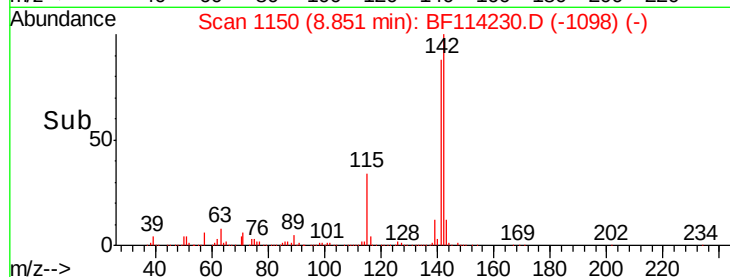
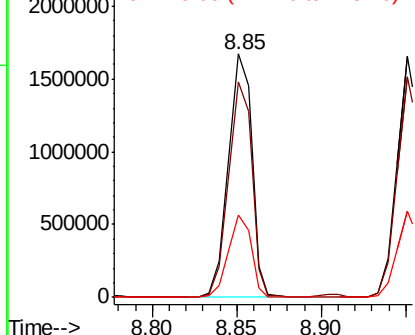


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 56.863 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

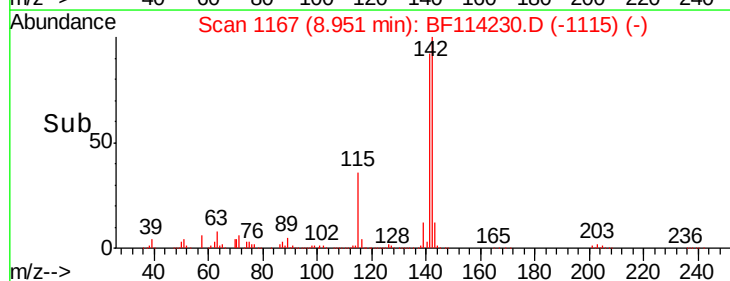
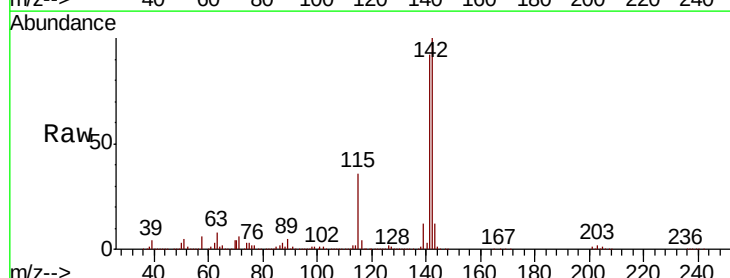
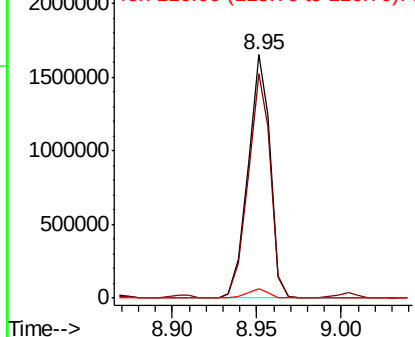
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.0
116	3.9	3.1	4.7

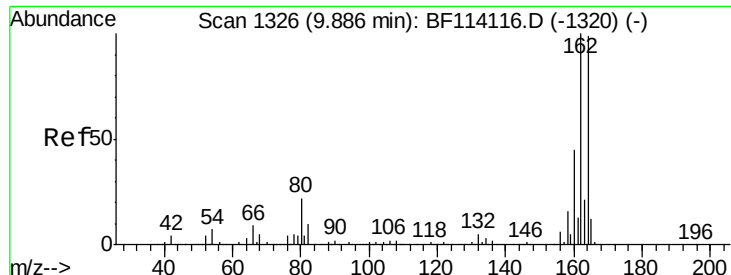
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





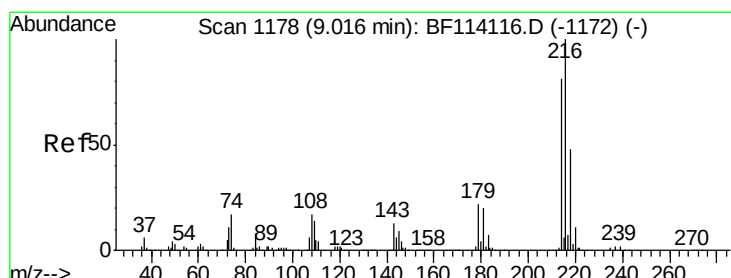
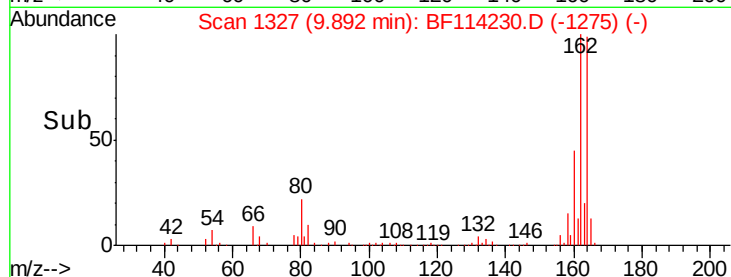
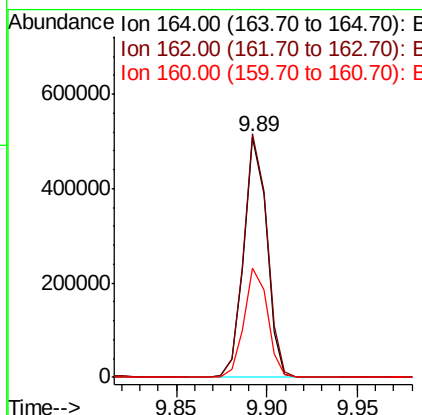
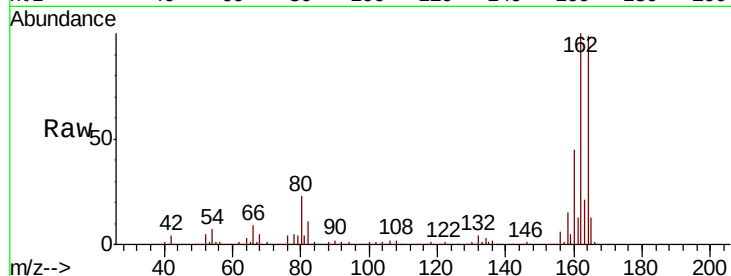
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	80.6	120.8	
160	45.7	36.5	54.7	

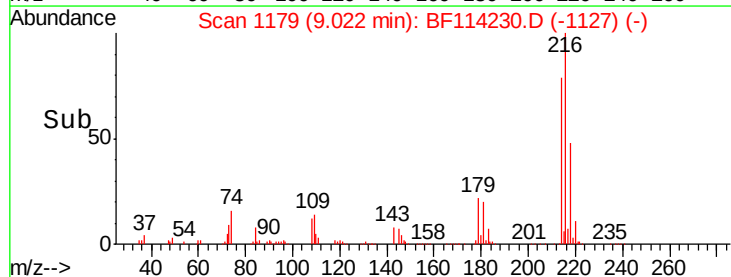
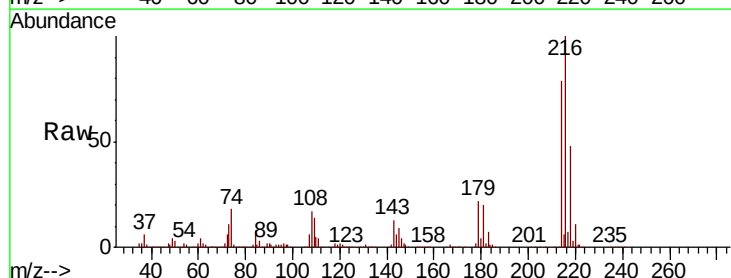
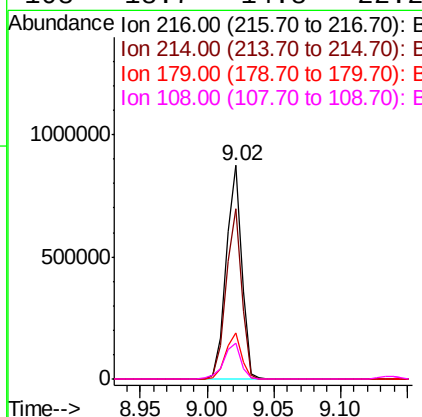
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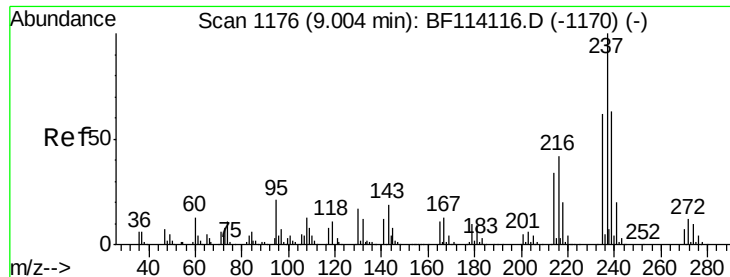
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.202 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.9	95.9	
179	21.6	17.0	25.6	
108	18.7	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 38.787 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

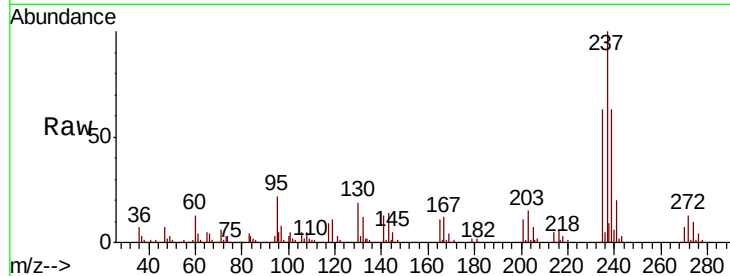
ClientSampleId :

P026-SS002-1218-01MS

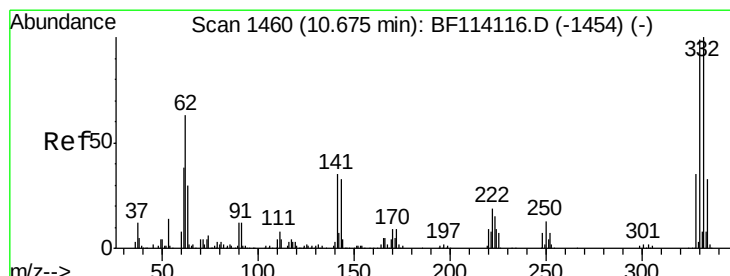
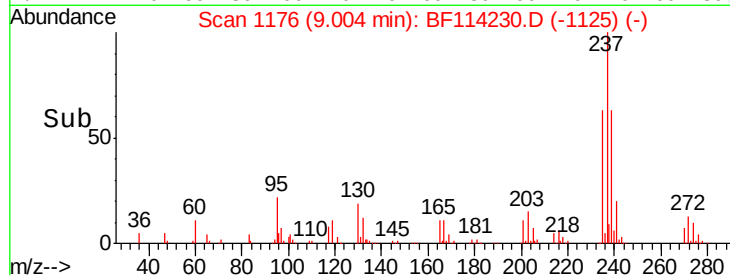
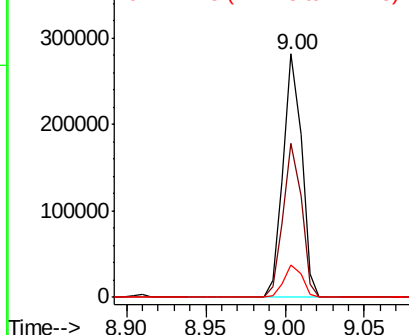
Tot Ion:	237	Resp:	230901
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.0	82.0
272	13.1	0.0	32.4

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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: 136.138 ng

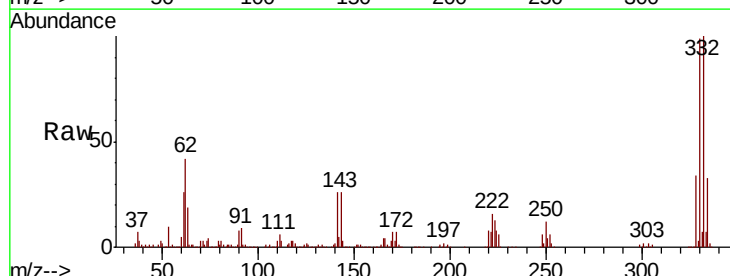
RT: 10.69 min Scan# 1463

Delta R.T. 0.02 min

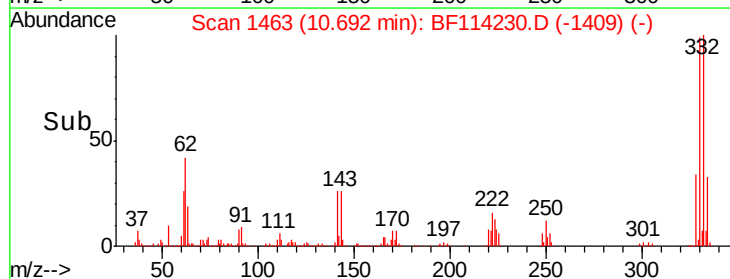
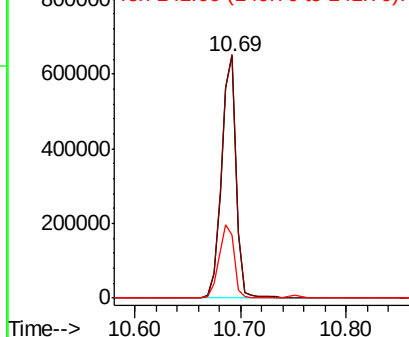
Lab File: BF114230.D

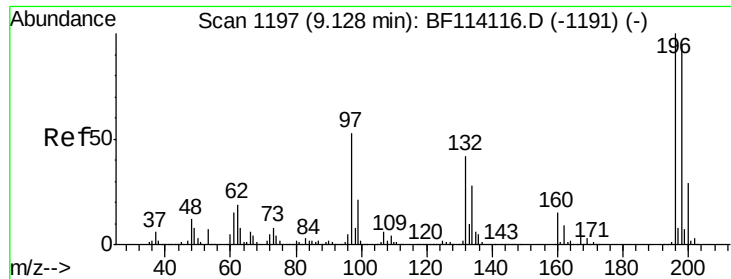
Acq: 13 May 2019 15:50

Tgt Ion:	330	Resp:	632076
Ion Ratio	Lower	Upper	
330	100		
332	101.0	81.4	122.2
141	32.0	26.6	40.0



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





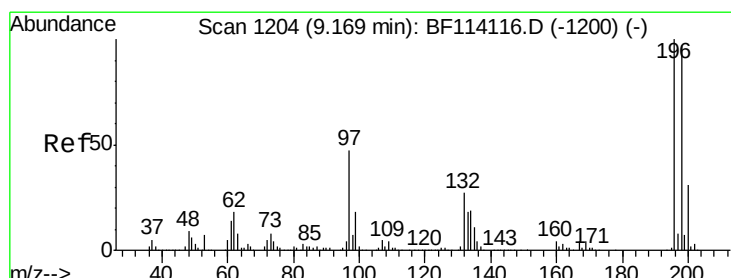
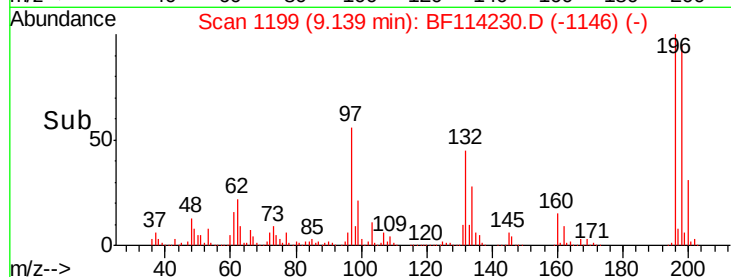
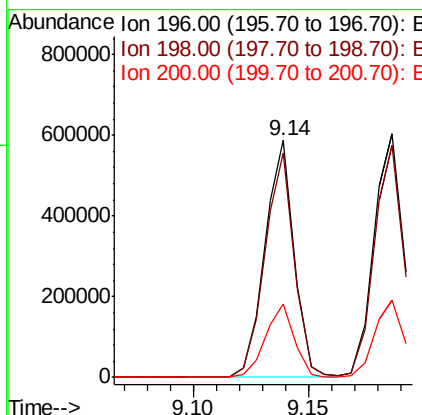
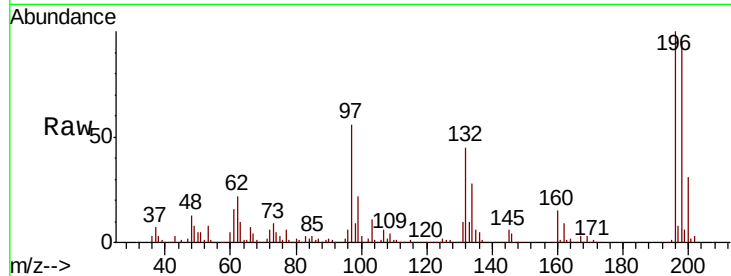
#43
 2,4,6-Trichlorophenol
 Concen: 55.230 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	516802		
198	94.6	75.9	113.9	
200	30.9	23.5	35.3	

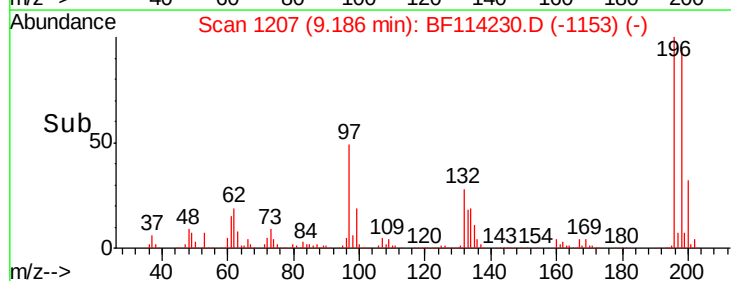
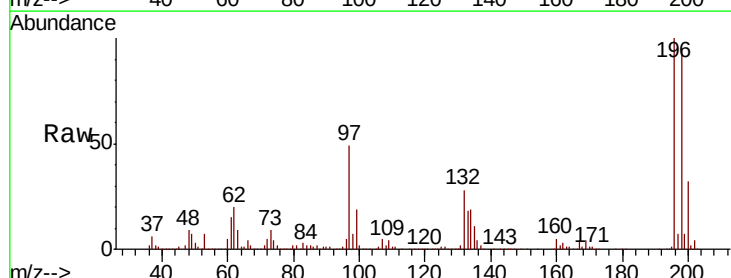
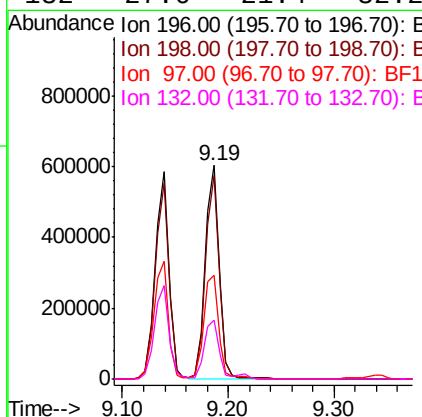
Manual Integrations
 APPROVED

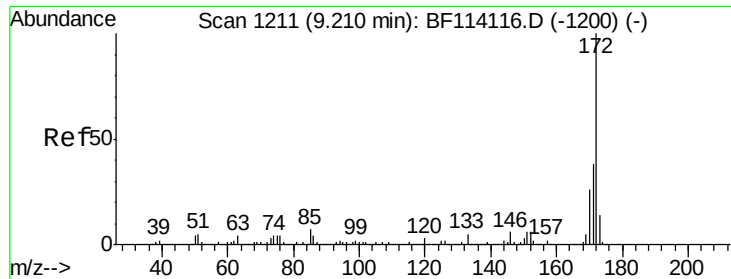
Sohil
 5/14/2019 8:03:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 57.398 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	550808		
198	95.1	77.7	116.5	
97	48.7	38.2	57.2	
132	27.6	21.4	32.2	





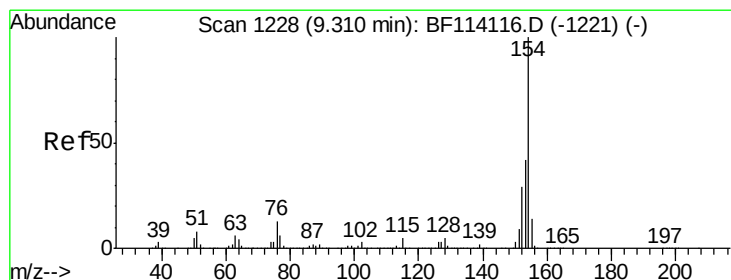
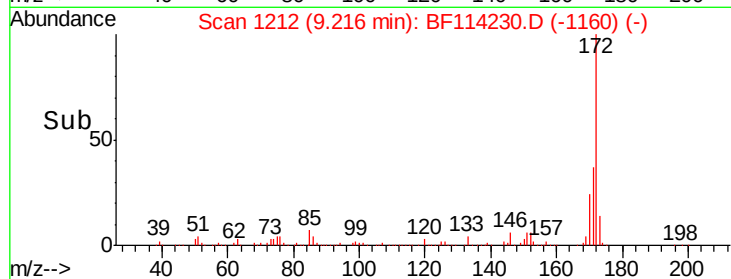
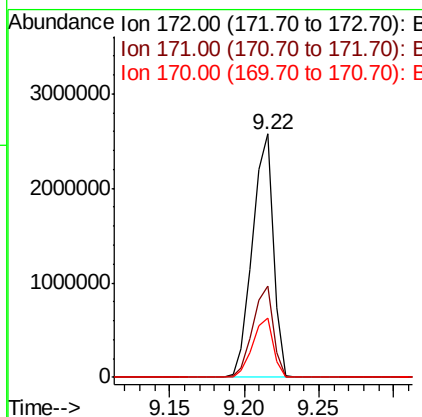
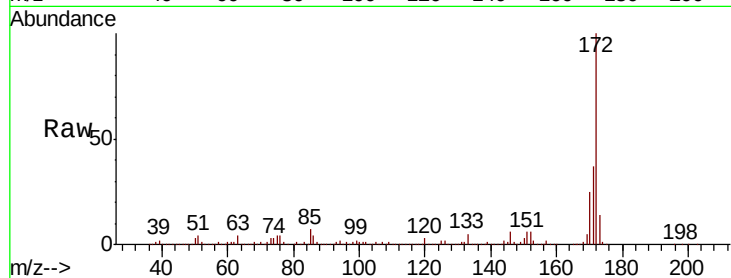
#45
2-Fluorobiphenyl
Concen: 83.739 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.7	46.1
170	24.5	20.5	30.7

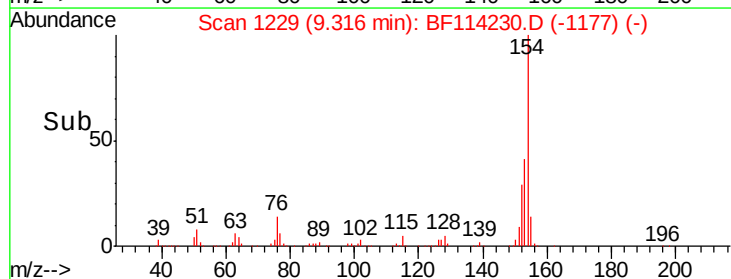
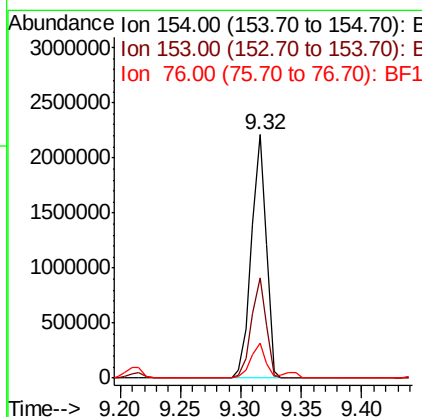
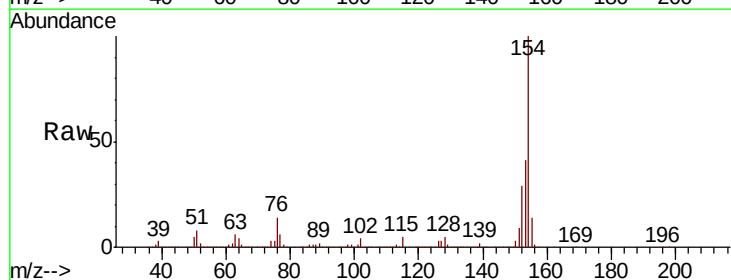
Manual Integrations
APPROVED

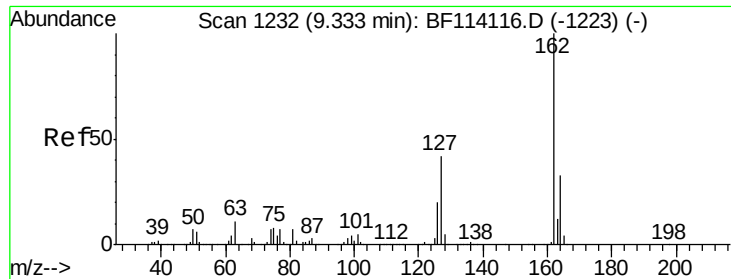
Sohil
5/14/2019 8:03:13 PM



#46
1,1'-Biphenyl
Concen: 52.911 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	14.1	0.0	32.8





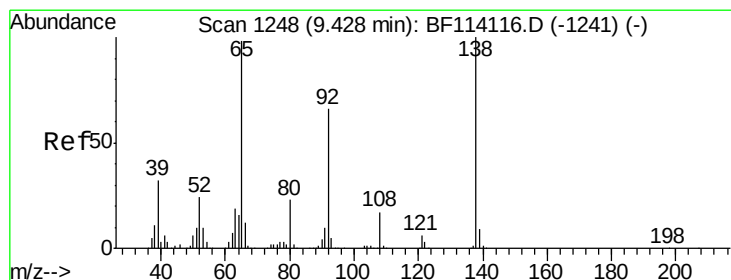
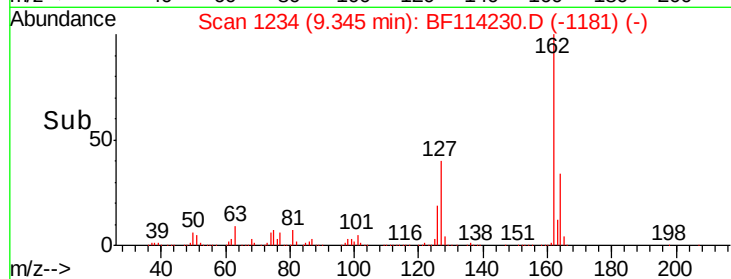
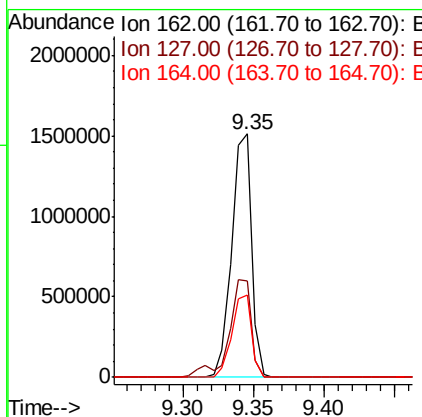
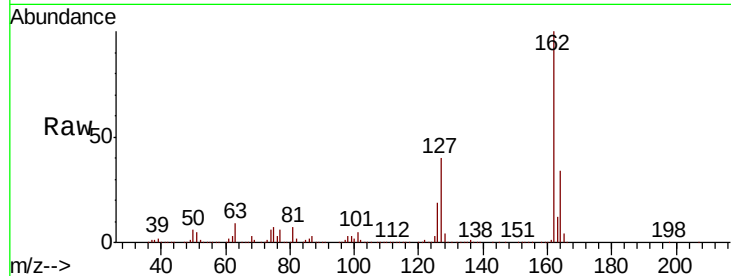
#47
 2-Chloronaphthalene
 Concen: 50.727 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.0	51.0
164	33.6	26.7	40.1

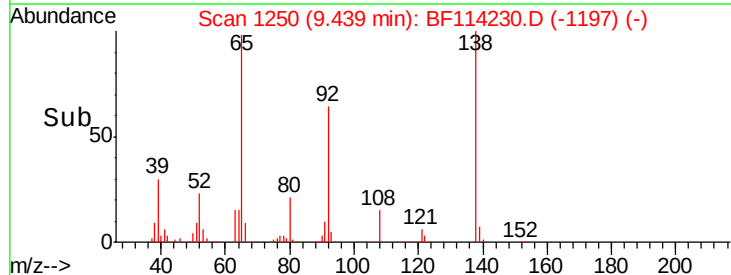
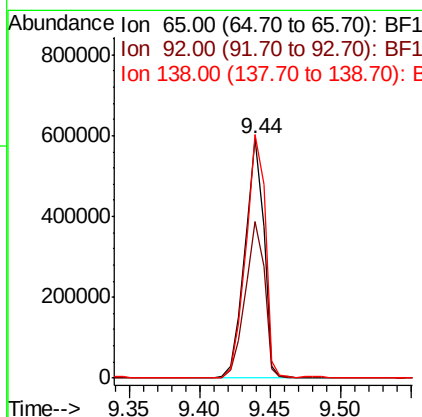
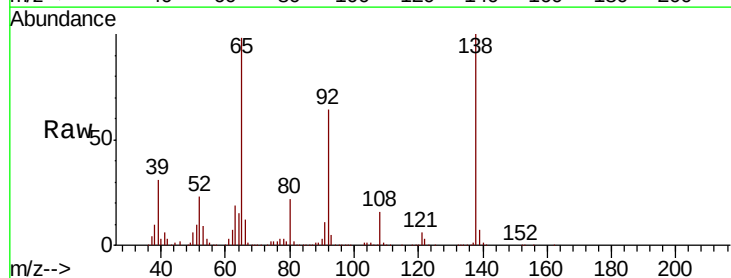
Manual Integrations
 APPROVED

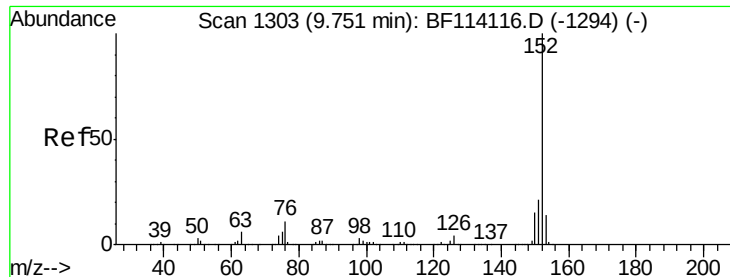
Sohil
 5/14/2019 8:03:13 PM



#48
 2-Nitroaniline
 Concen: 53.545 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.9	80.9
138	101.8	81.4	122.0





#49

Acenaphthylene

Concen: 55.240 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:152 Resp: 2453178

Ion Ratio Lower Upper

152 100

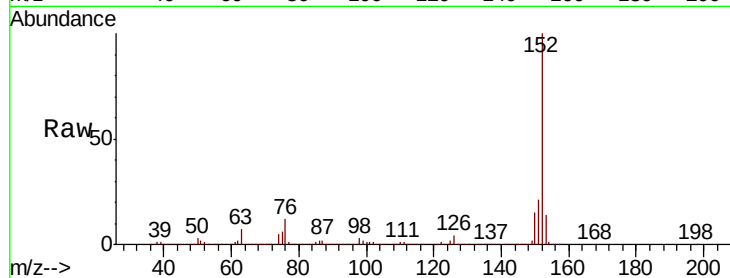
151 21.1 16.8 25.2

153 14.3 11.4 17.2

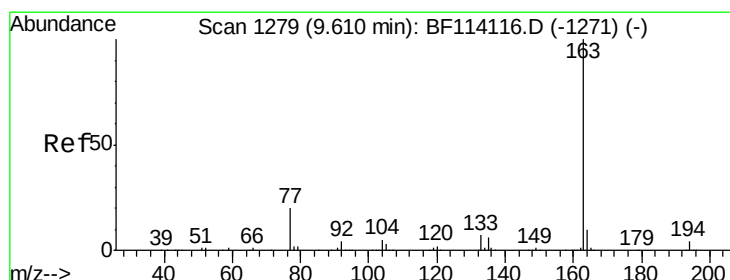
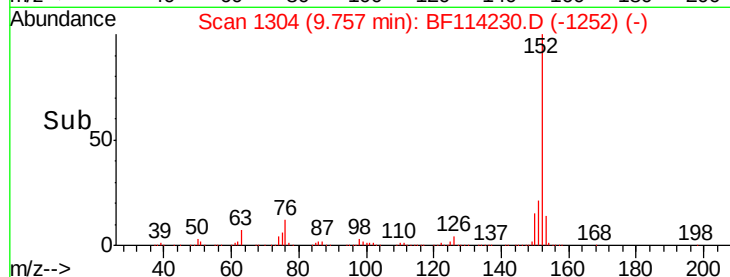
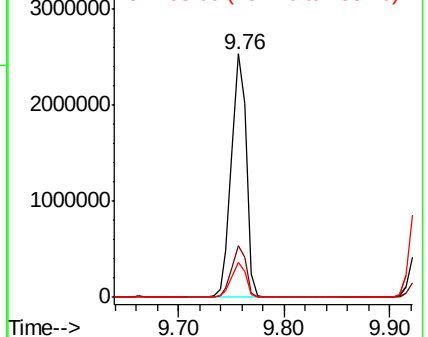
Manual Integrations
APPROVED

Sohil

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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: 63.920 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

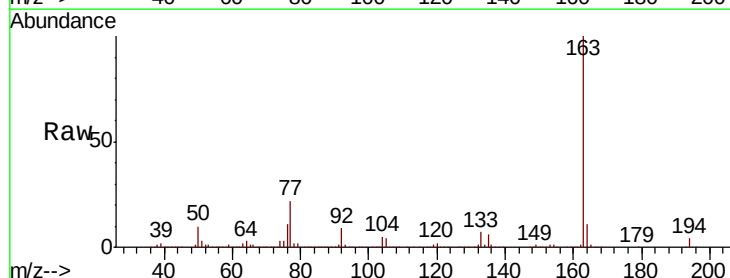
Tgt Ion:163 Resp: 2107319

Ion Ratio Lower Upper

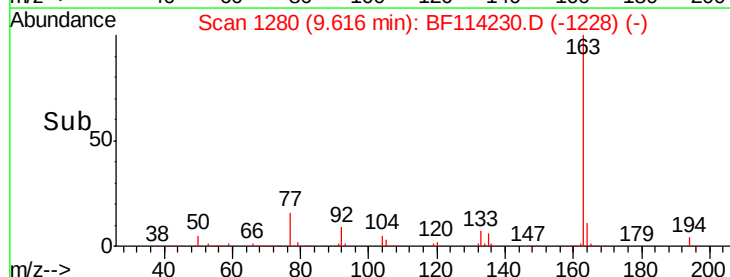
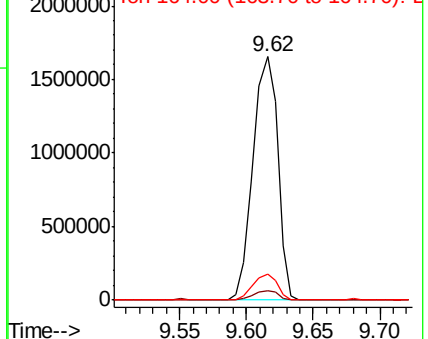
163 100

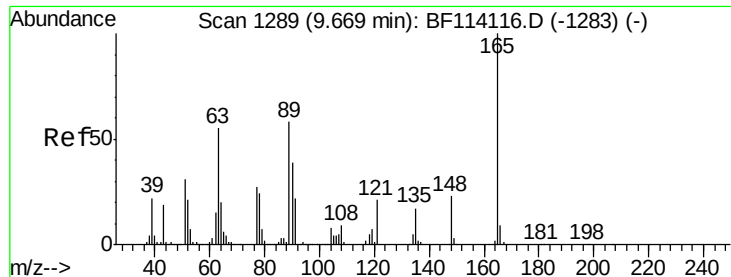
194 4.0 3.4 5.0

164 10.6 8.2 12.2



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





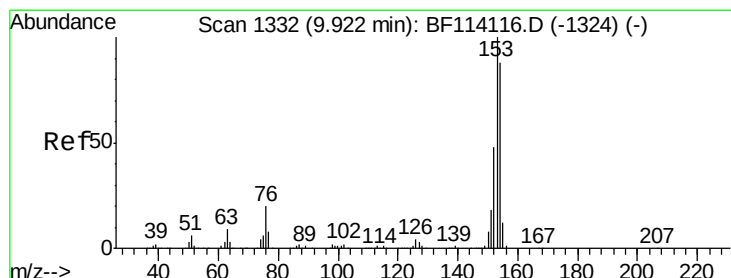
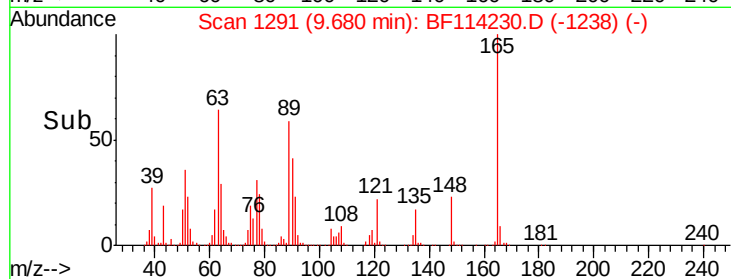
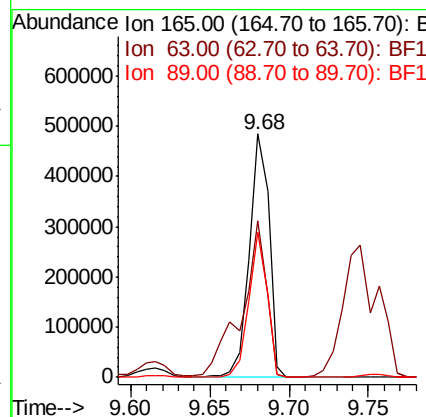
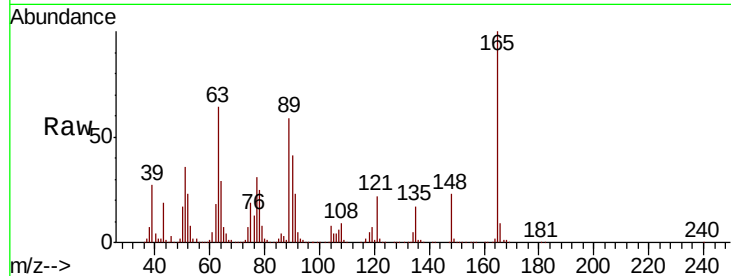
#51
2,6-Dinitrotoluene
Concen: 56.851 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.4	50.2	75.4
89	59.5	46.6	69.8

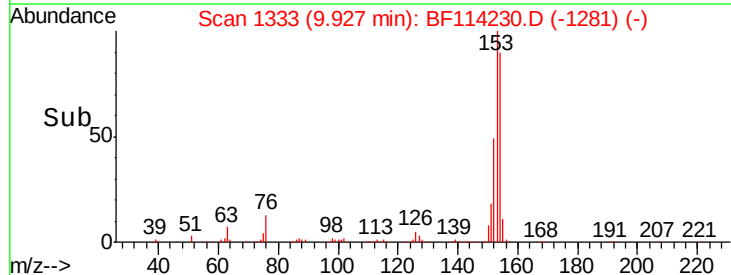
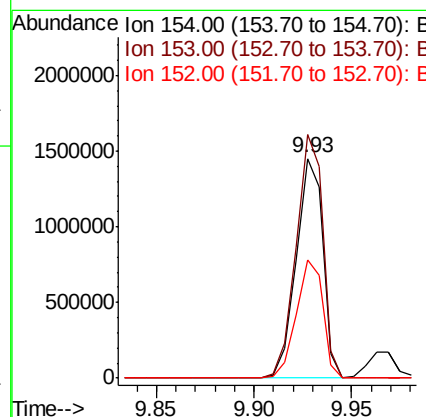
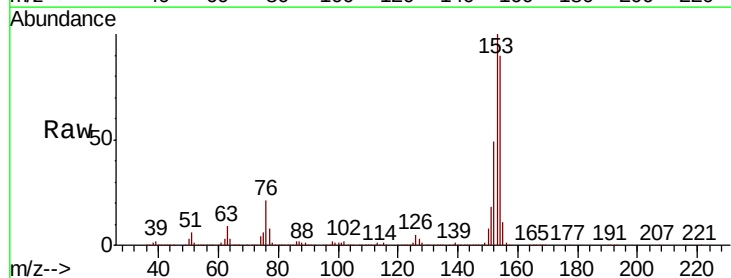
Manual Integrations
APPROVED

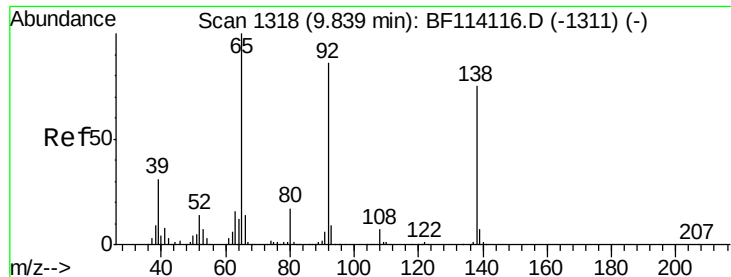
Sohil
5/14/2019 8:03:13 PM



#52
Acenaphthene
Concen: 50.483 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.5	135.7
152	53.7	43.4	65.2





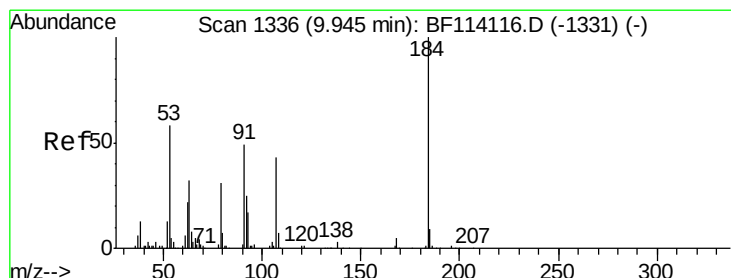
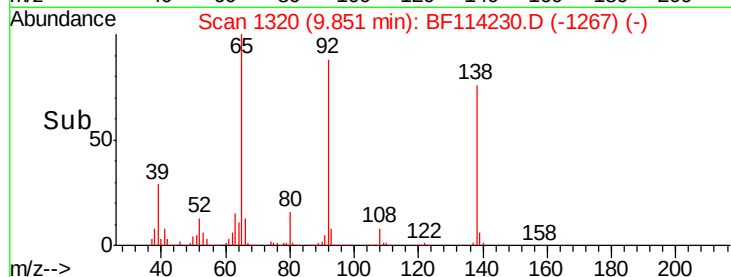
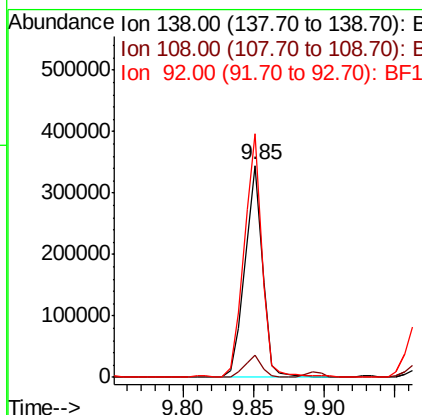
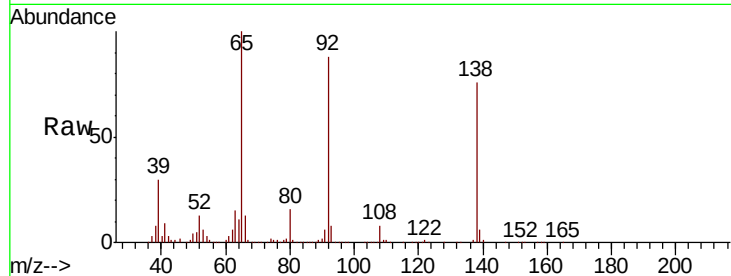
#53
3-Nitroaniline
Concen: 33.344 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	115.1	91.2	136.8

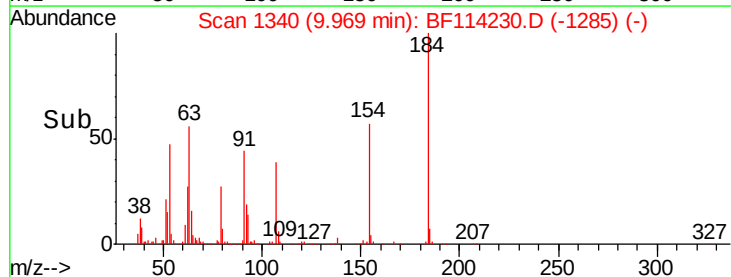
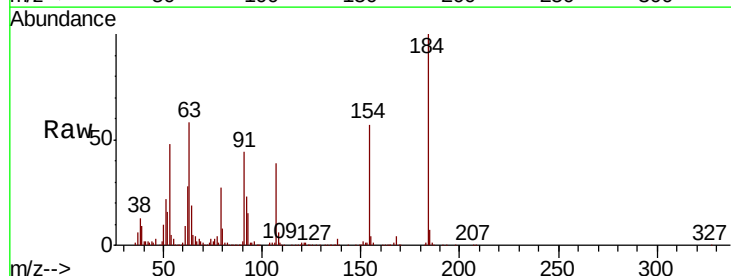
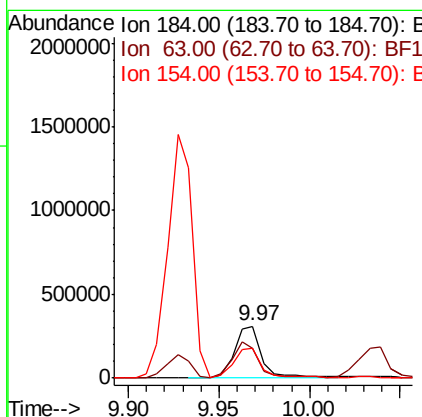
Manual Integrations
APPROVED

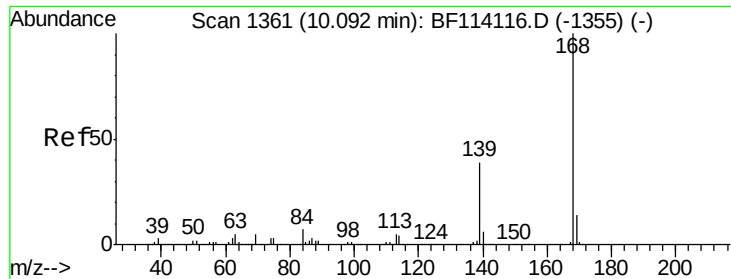
Sohil
5/14/2019 8:03:13 PM



#54
2,4-Dinitrophenol
Concen: 87.792 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	55.6	83.4
154	56.8	46.0	69.0





#55

Dibenzofuran

Concen: 50.570 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:168 Resp: 2020790

Ion Ratio Lower Upper

168 100

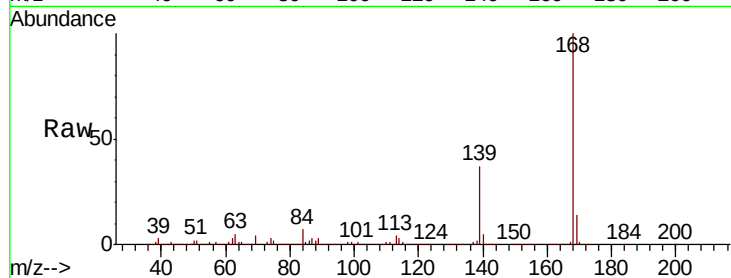
139 37.2 31.1 46.7

169 14.1 11.4 17.0

Manual Integrations
APPROVED

Sohil

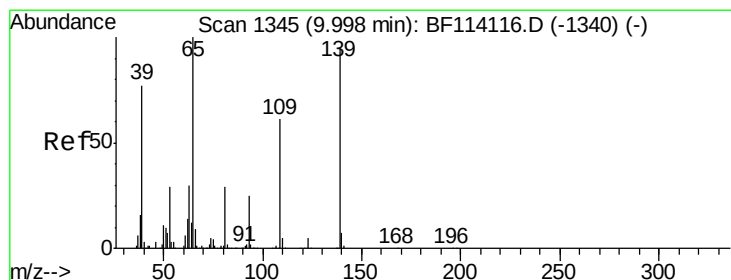
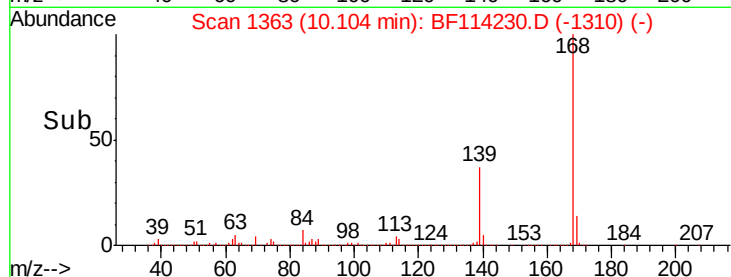
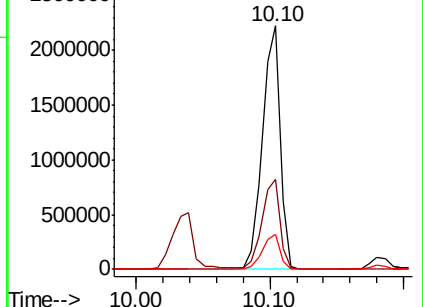
5/14/2019 8:03:13 PM



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: 92.091 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.04 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

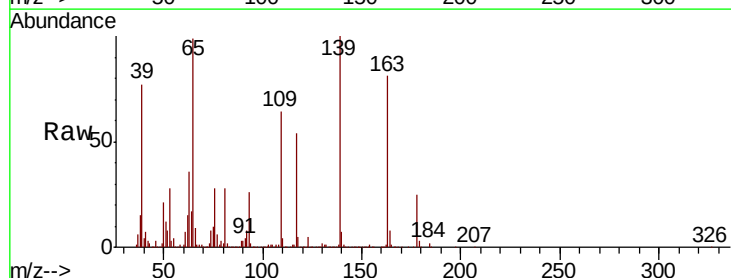
Tgt Ion:139 Resp: 591149

Ion Ratio Lower Upper

139 100

109 63.7 43.9 83.9

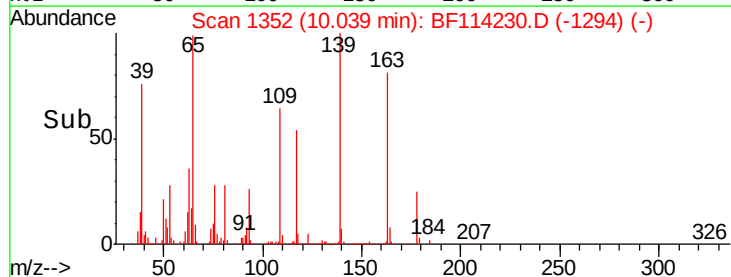
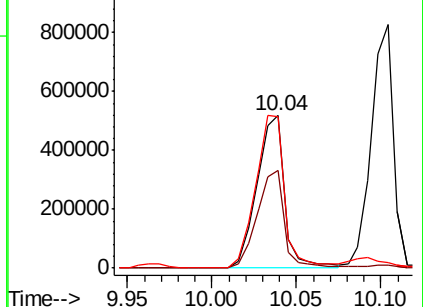
65 99.2 85.7 125.7

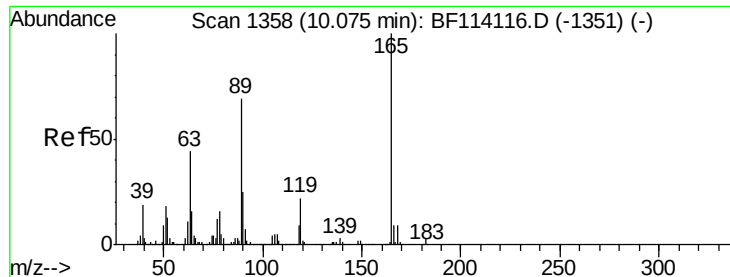


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





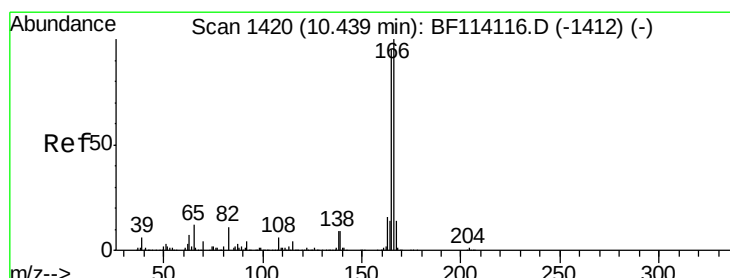
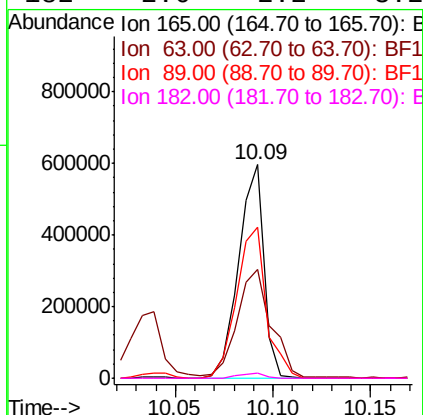
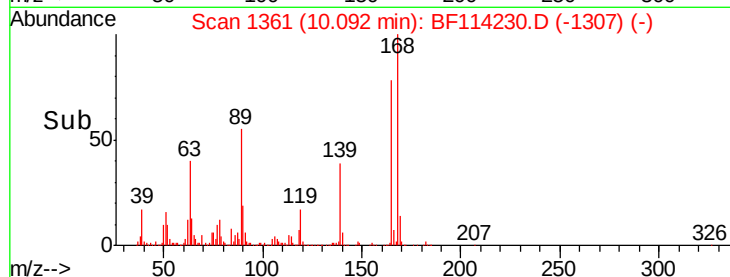
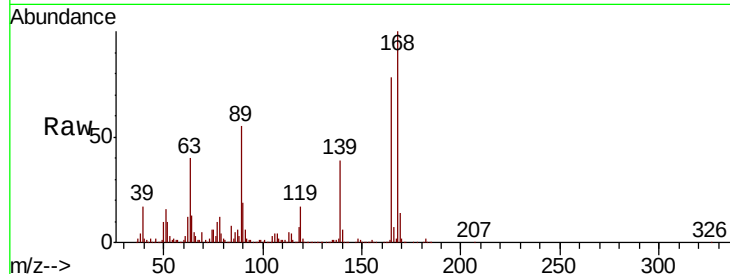
#57
 2,4-Dinitrotoluene
 Concen: 53.814 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		534101		
63	51.2	35.5	53.3		
89	70.9	55.2	82.8		
182	2.6	2.2	3.2		

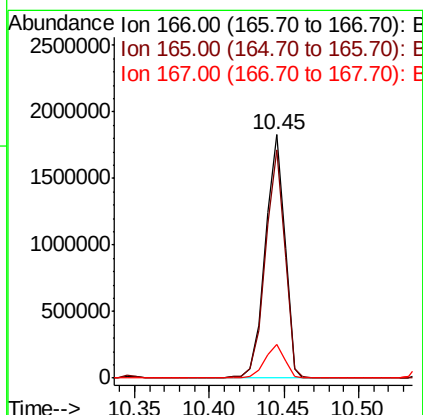
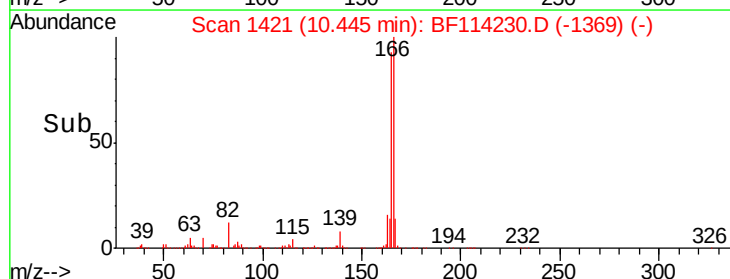
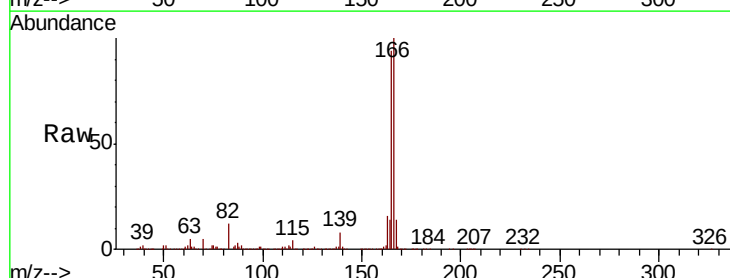
Manual Integrations
 APPROVED

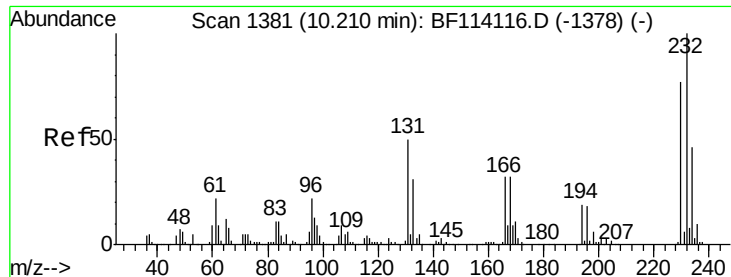
Sohil
 5/14/2019 8:03:13 PM



#58
 Fluorene
 Concen: 52.765 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1628620		
165	93.5	76.1	114.1		
167	13.9	11.1	16.7		





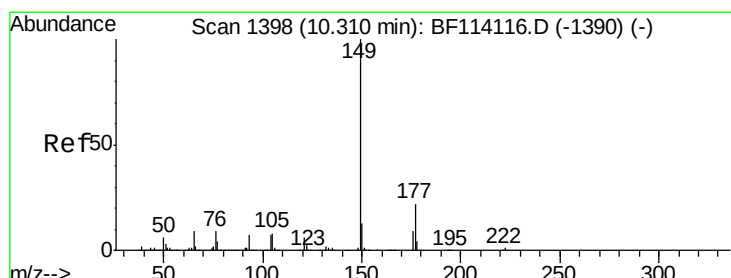
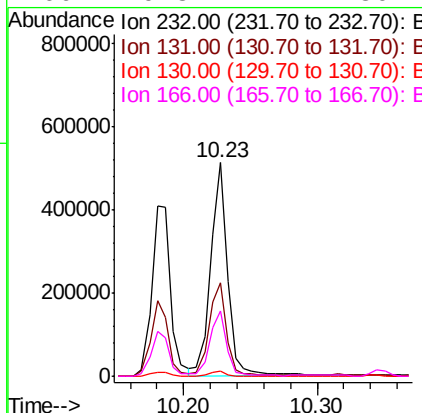
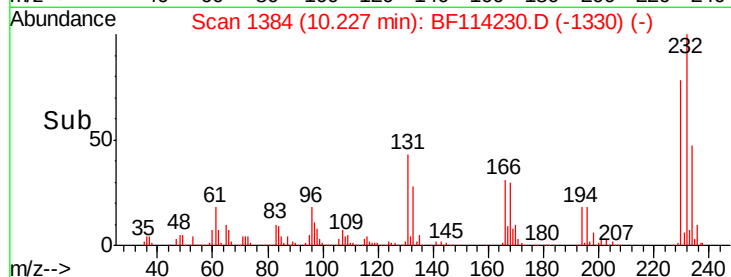
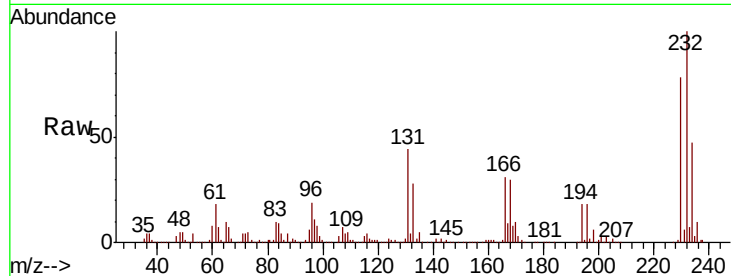
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.376 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		458518		
131	44.2	35.6	53.4		
130	2.3	1.6	2.4		
166	29.8	24.1	36.1		

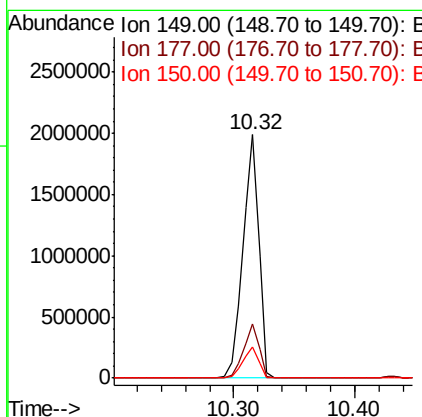
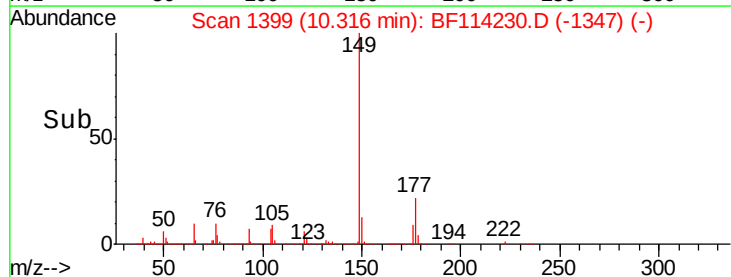
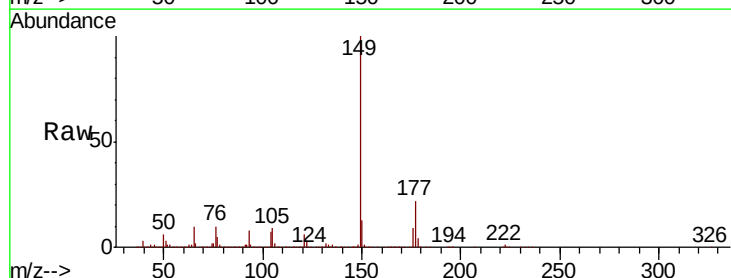
Manual Integrations
 APPROVED

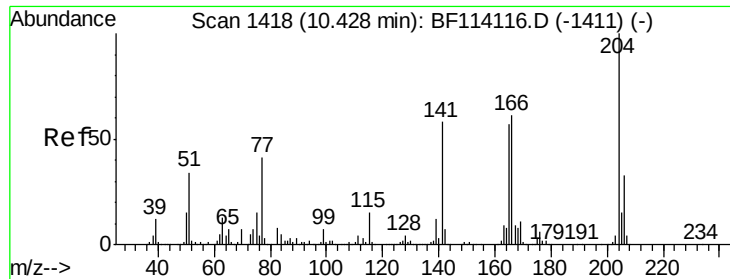
Sohil
 5/14/2019 8:03:13 PM



#60
 Diethylphthalate
 Concen: 54.508 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1825890		
177	22.3	17.8	26.6		
150	12.9	10.2	15.2		





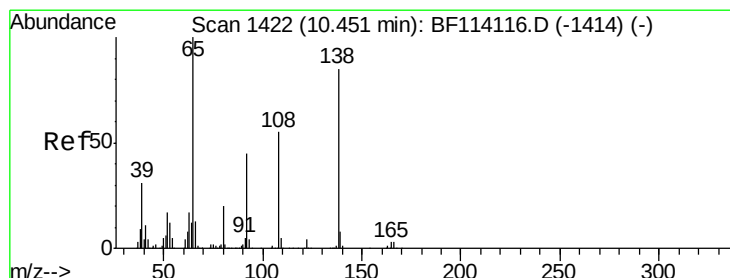
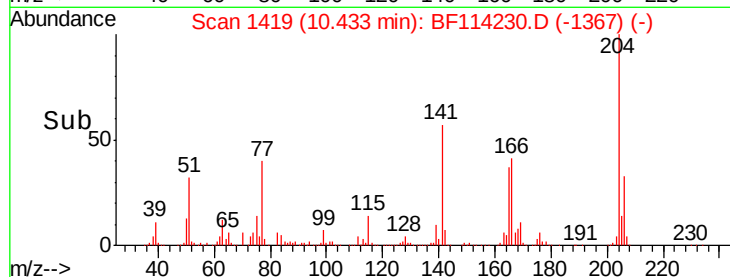
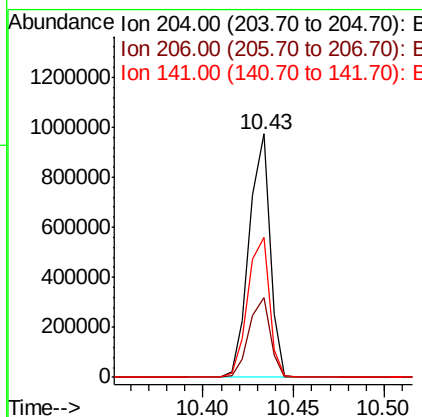
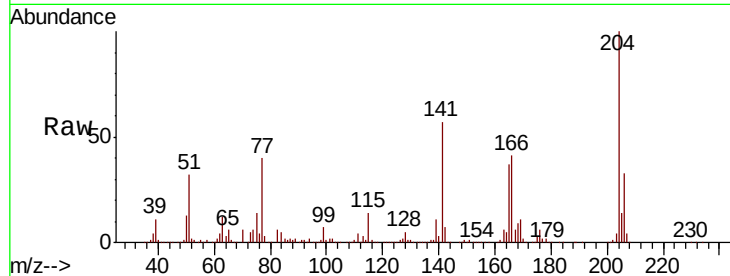
#61
4-Chlorophenyl-phenylether
Concen: 51.523 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	57.4	46.4	69.6

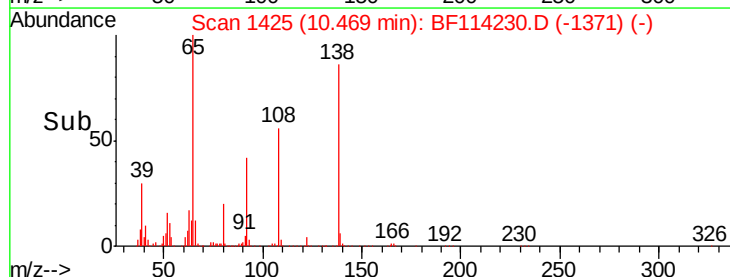
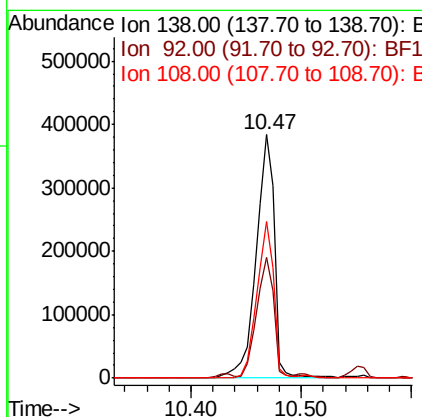
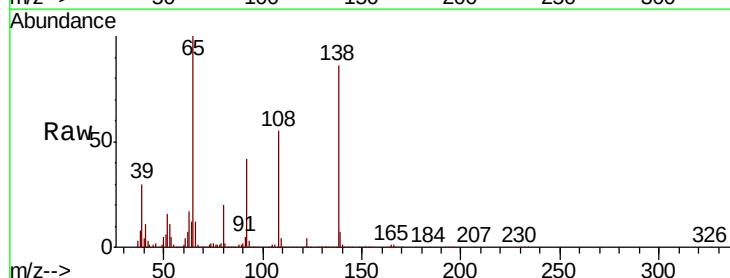
Manual Integrations
APPROVED

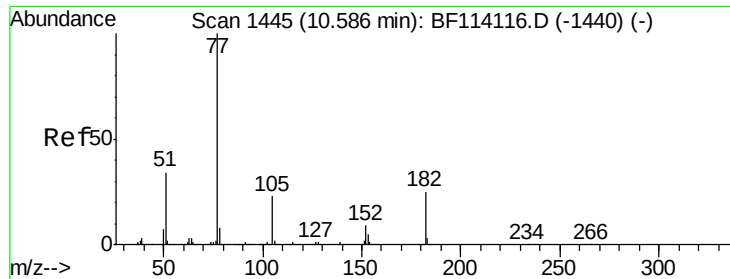
Sohil
5/14/2019 8:03:13 PM



#62
4-Nitroaniline
Concen: 47.059 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	33.0	73.0
108	64.5	44.9	84.9





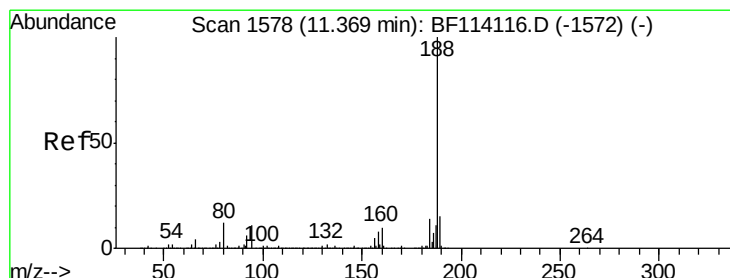
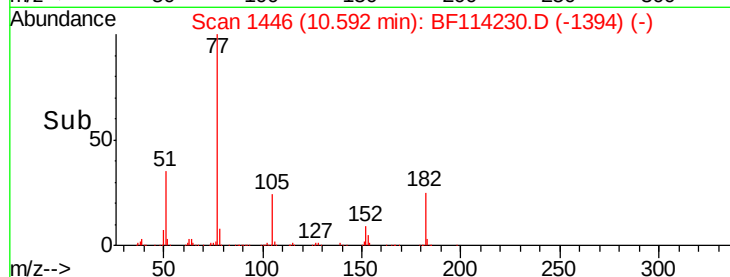
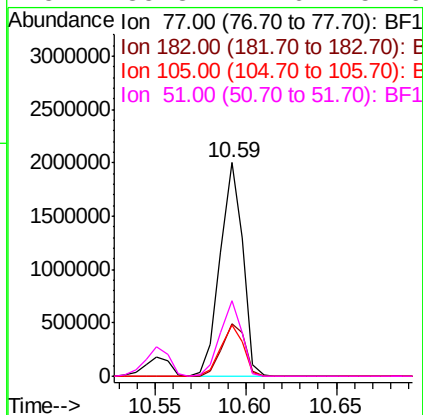
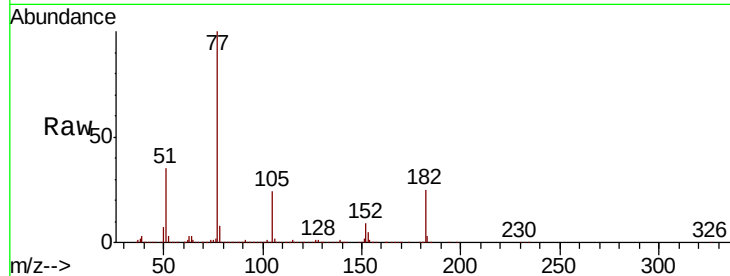
#63
Azobenzene
Concen: 53.550 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.8	4.7	44.7	
105	23.8	2.9	42.9	
51	35.3	14.6	54.6	

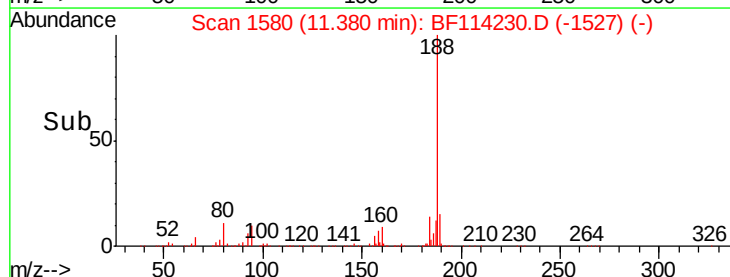
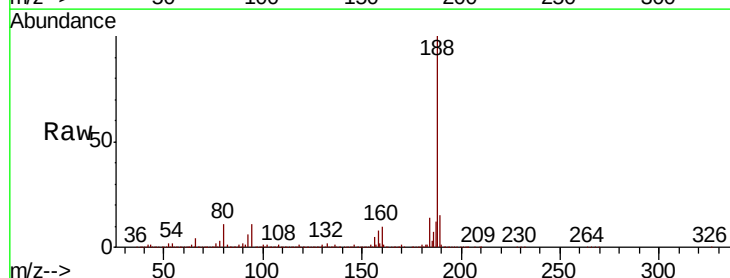
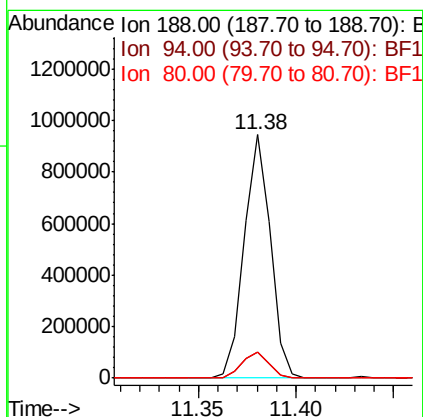
Manual Integrations
APPROVED

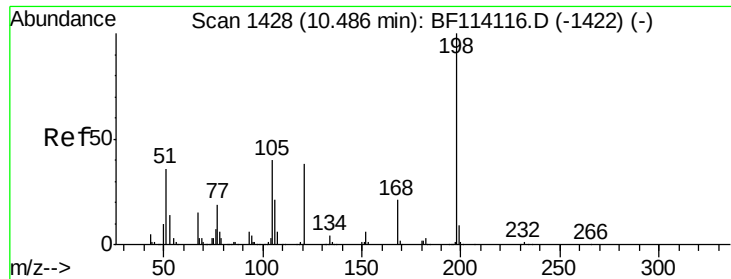
Sohil
5/14/2019 8:03:13 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	8.4	12.6	
80	10.9	9.2	13.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 50.649 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

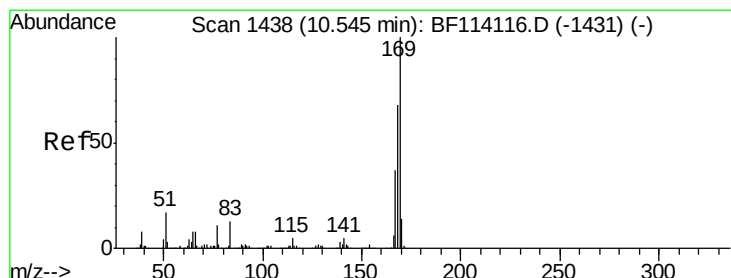
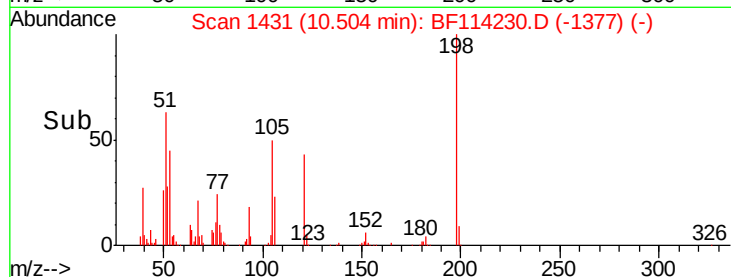
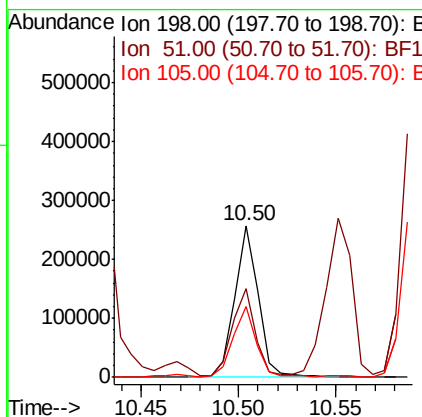
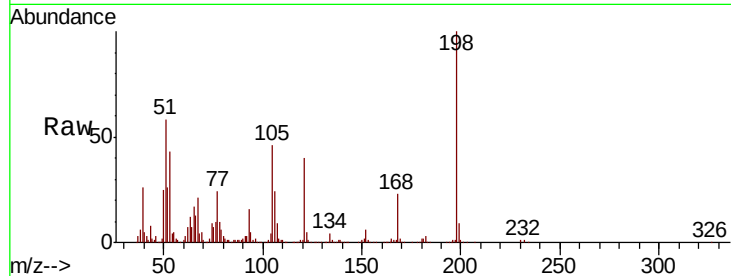
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	198	Resp:	214546
Ion Ratio	Lower	Upper	
198	100		
51	58.2	28.0	68.0
105	46.3	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 55.821 ng

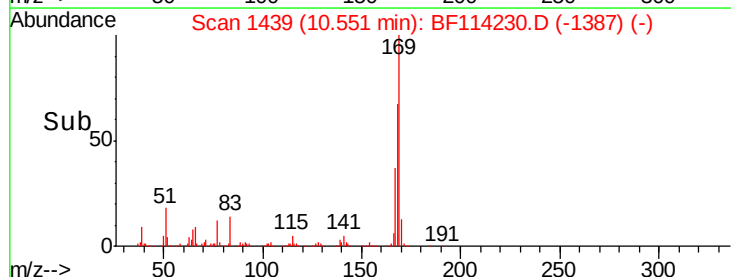
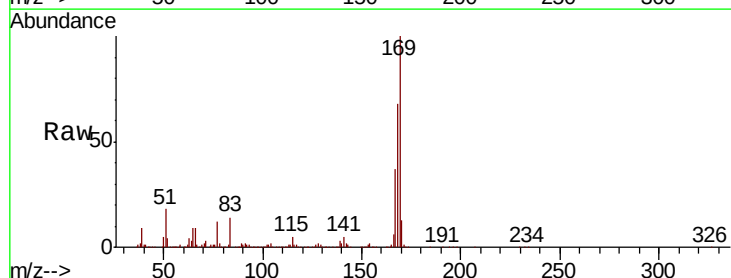
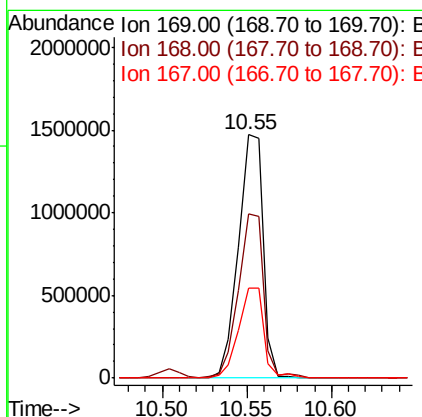
RT: 10.55 min Scan# 1439

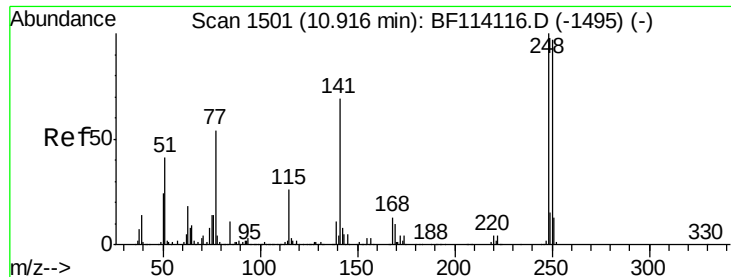
Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Tgt Ion:	169	Resp:	1493498
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	37.2	29.8	44.8





#67

4-Bromophenyl-phenylether

Concen: 53.332 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

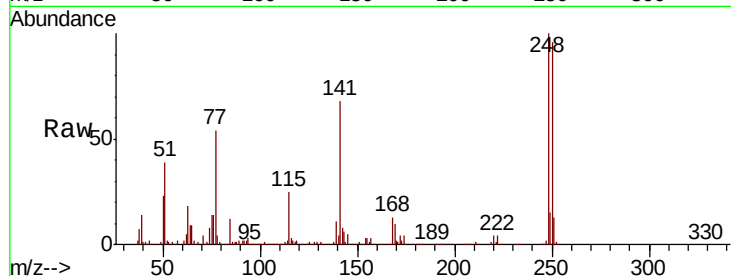
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	248	Resp:	517644
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.4	116.2
141	67.6	55.6	83.4

Manual Integrations
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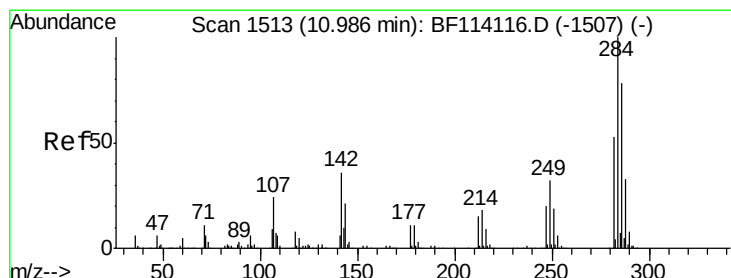
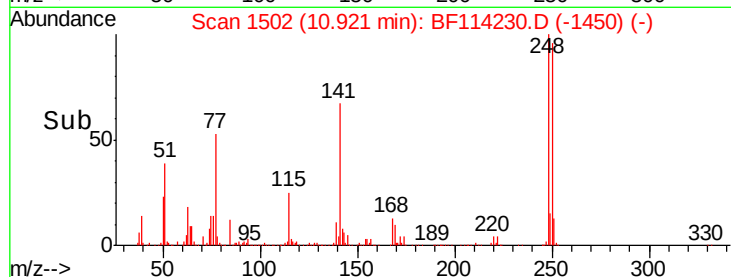
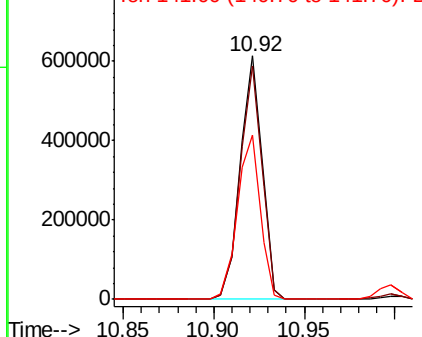


Abundance

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: 50.630 ng

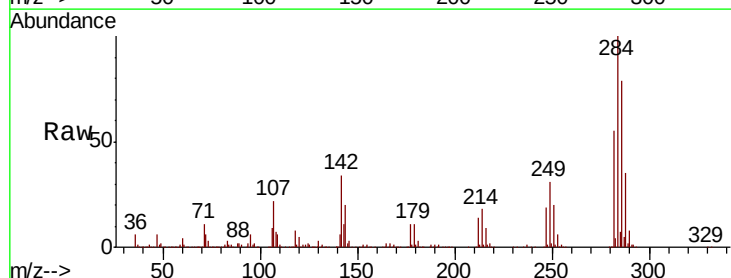
RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Tgt Ion:	284	Resp:	543641
Ion Ratio	Lower	Upper	
284	100		
142	33.5	28.4	42.6
249	31.0	25.2	37.8

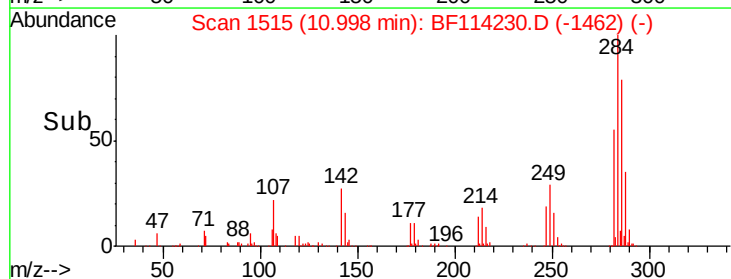
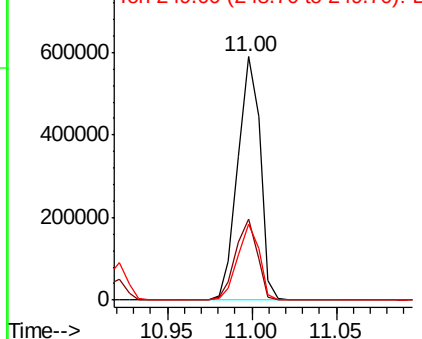


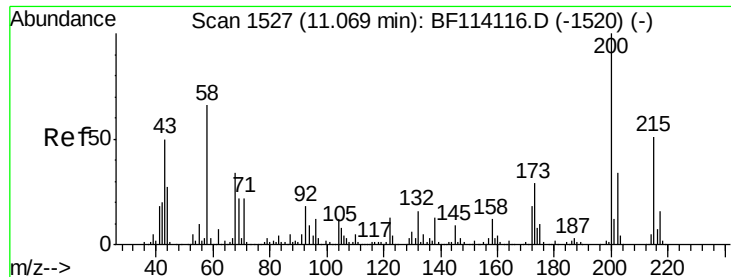
Abundance

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





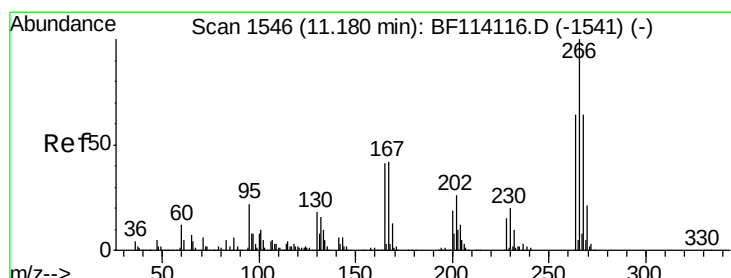
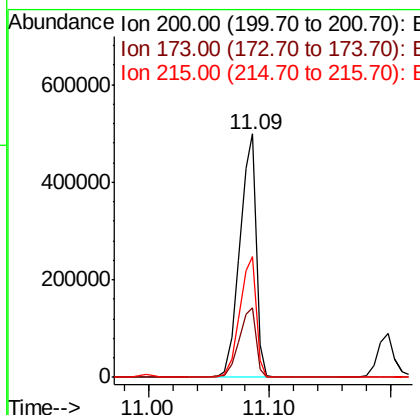
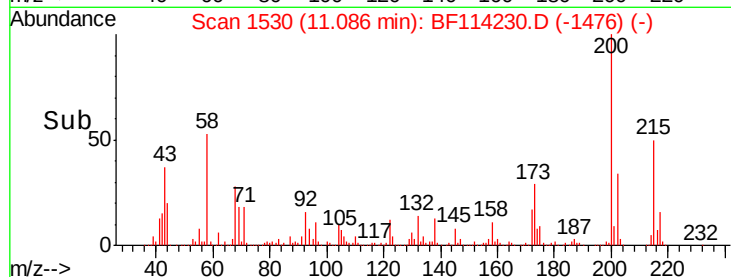
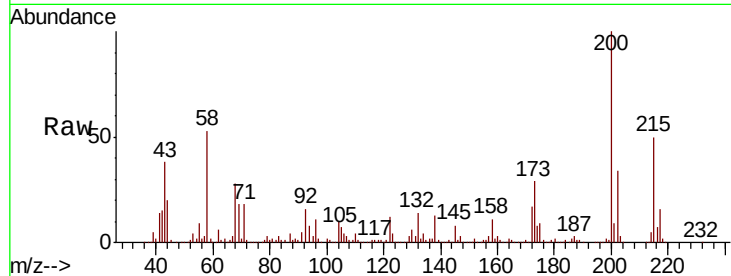
#69
 Atrazine
 Concen: 56.850 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	473333		
173	28.7	8.9	48.9	
215	49.8	30.7	70.7	

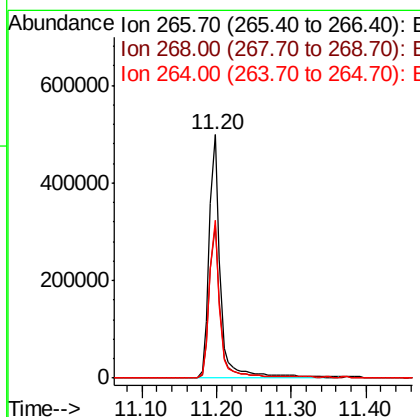
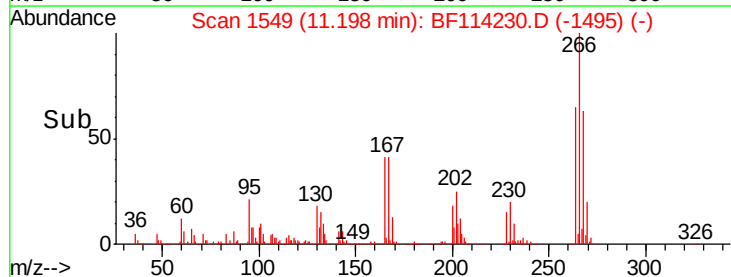
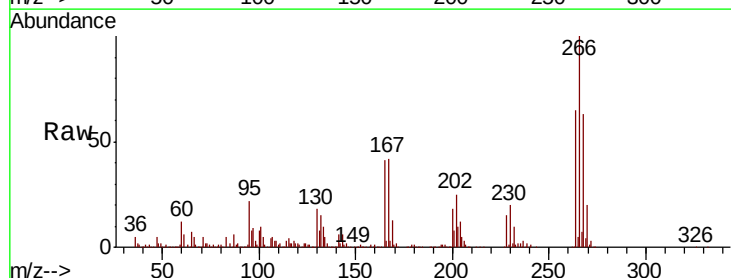
Manual Integrations
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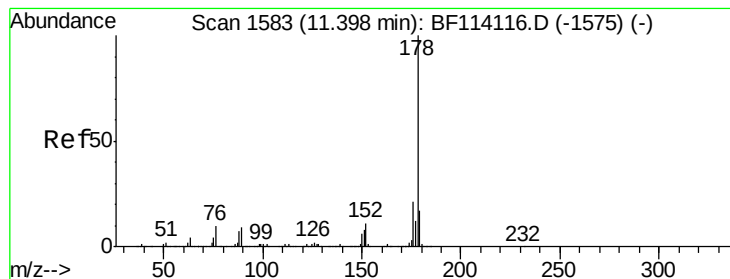
Sohil
 5/14/2019 8:03:13 PM



#70
 Pentachlorophenol
 Concen: 104.316 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	530974		
268	62.8	51.1	76.7	
264	64.6	51.1	76.7	





#71

Phenanthrene

Concen: 58.955 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:178 Resp: 2528464

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

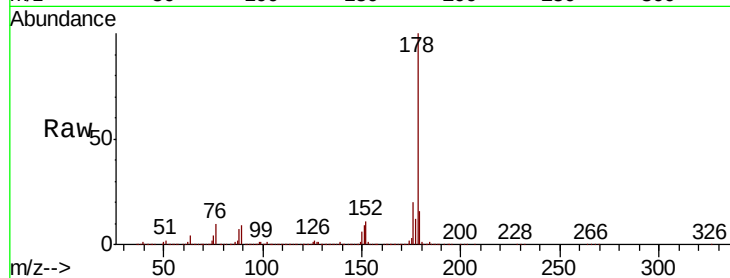
179 16.3 13.2 19.8

Manual Integrations

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Sohil

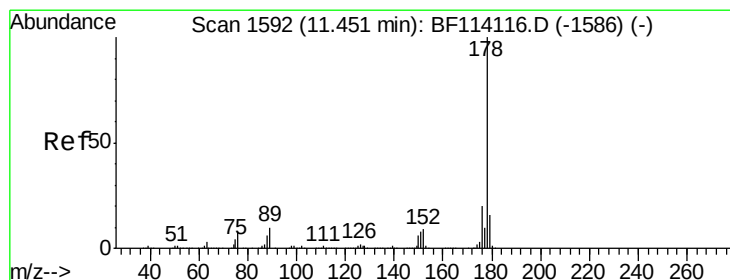
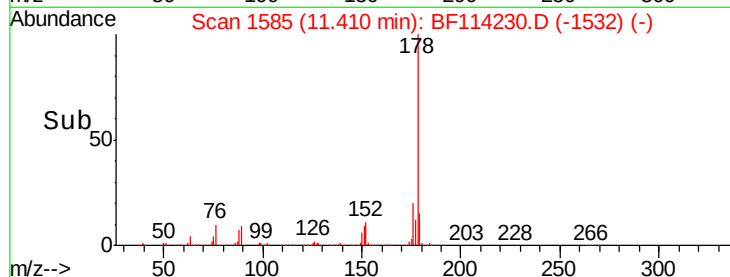
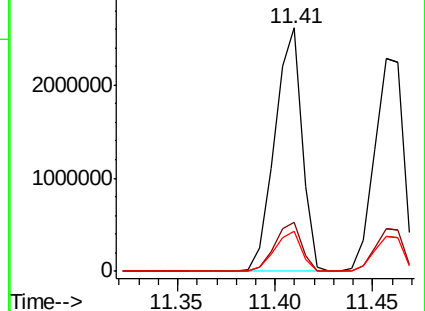
5/14/2019 8:03:13 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.566 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

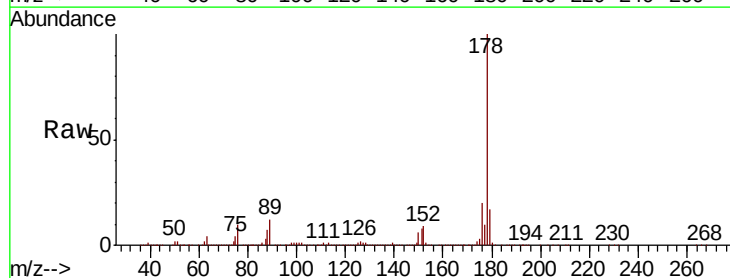
Tgt Ion:178 Resp: 2350572

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

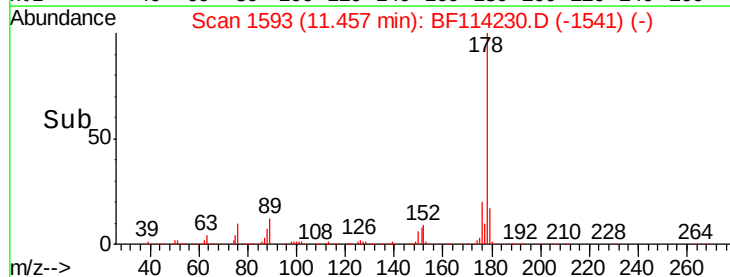
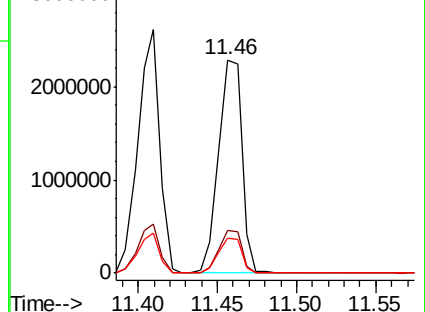
179 16.6 13.0 19.4

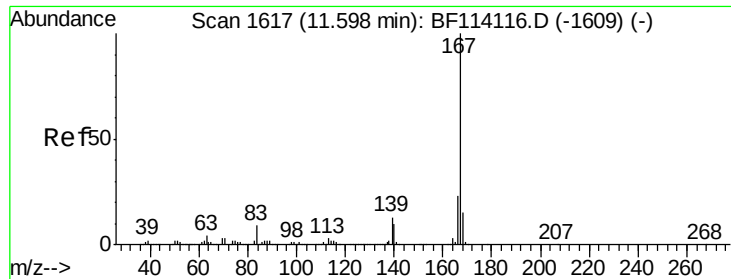


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





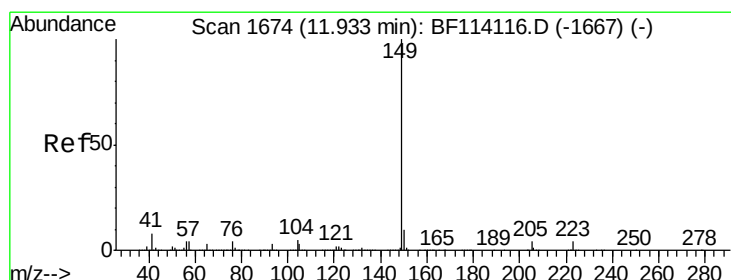
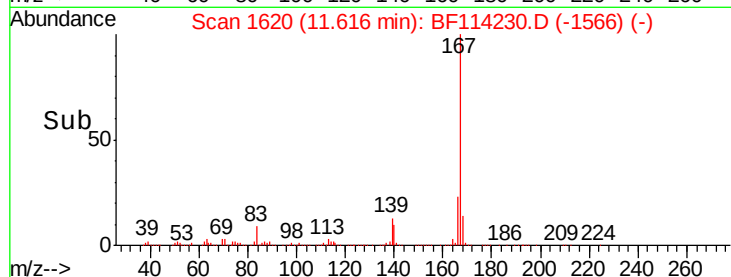
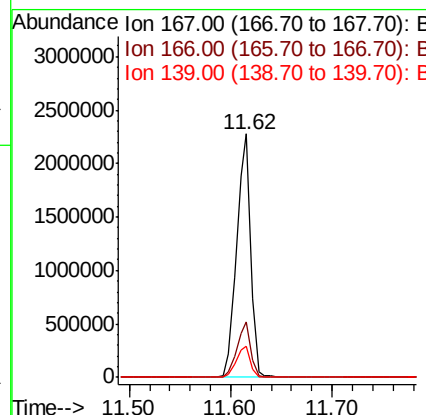
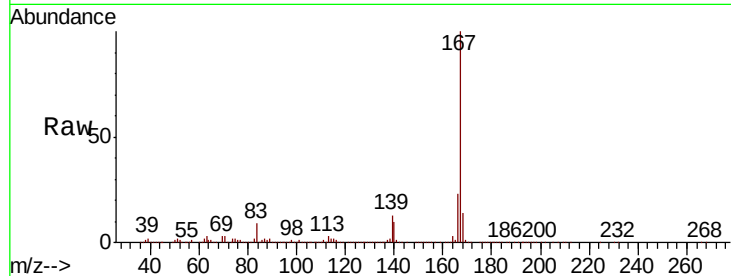
#73
 Carbazole
 Concen: 53.022 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	13.0	10.6	16.0

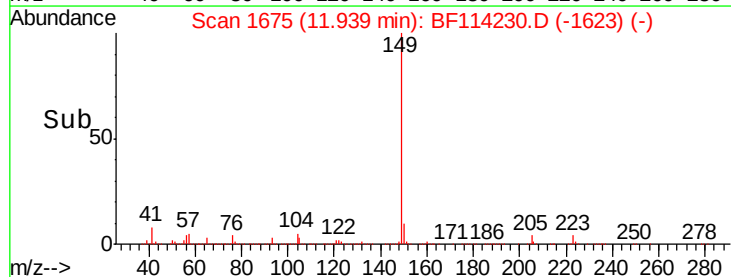
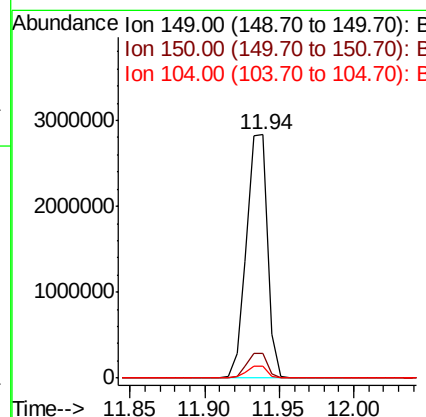
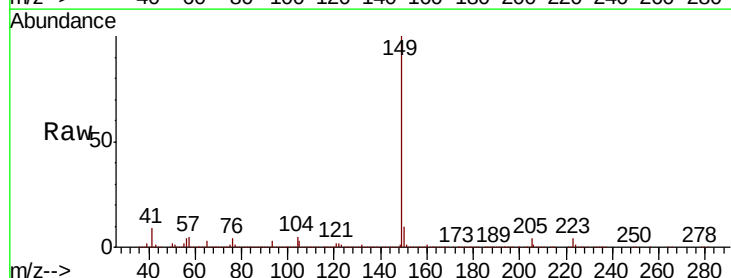
Manual Integrations
 APPROVED

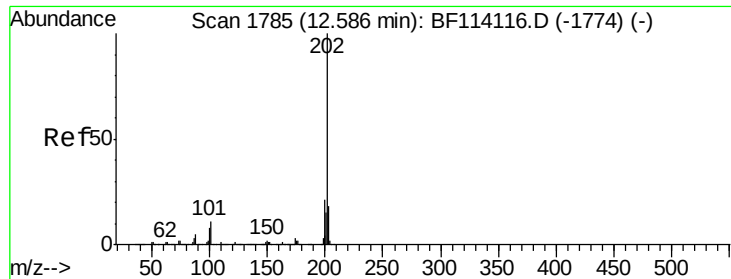
Sohil
 5/14/2019 8:03:13 PM



#74
 Di-n-butylphthalate
 Concen: 58.701 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 59.292 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

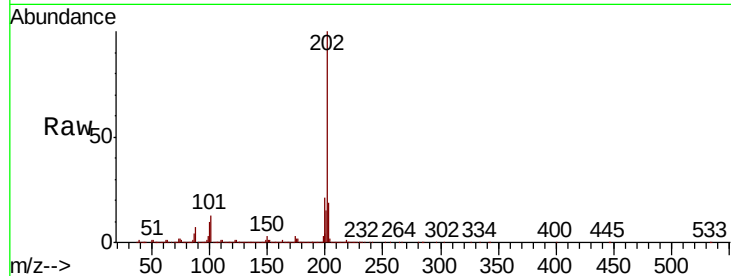
ClientSampleId :

P026-SS002-1218-01MS

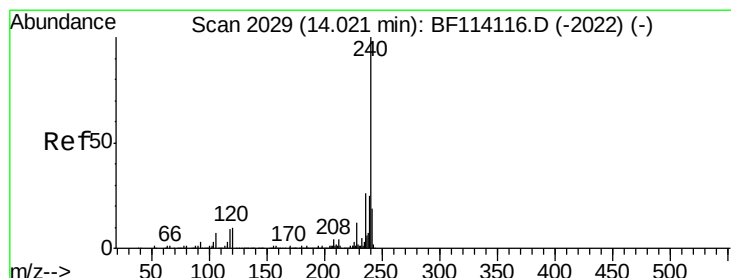
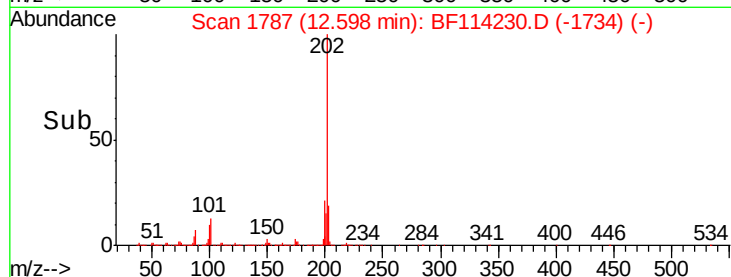
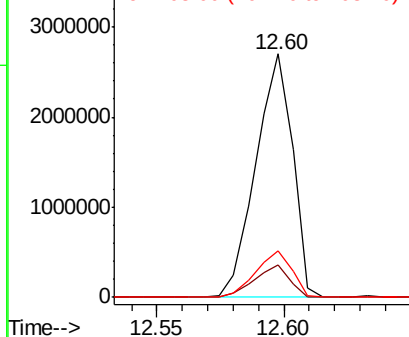
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.0
203	18.9	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

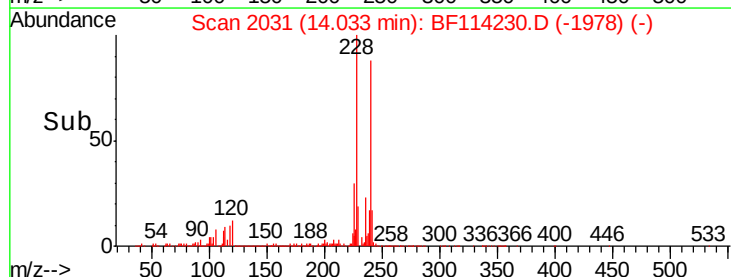
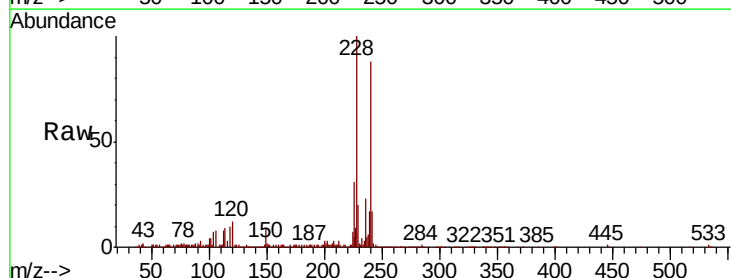
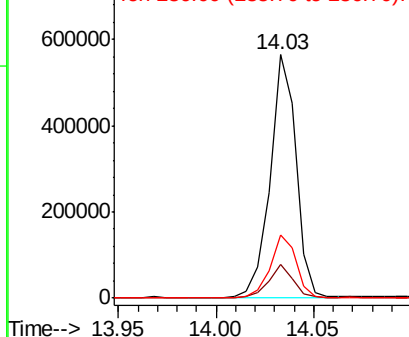
Delta R.T. 0.01 min

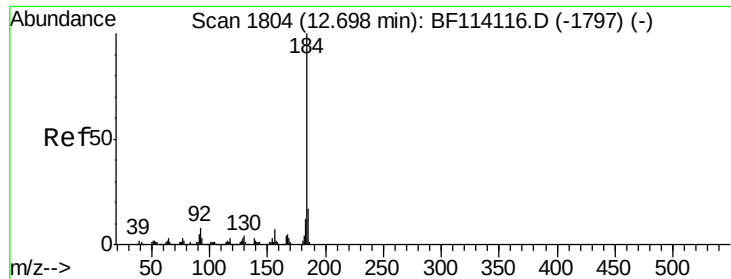
Lab File: BF114230.D

Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.3	12.5#
236	25.7	20.8	31.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.685 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

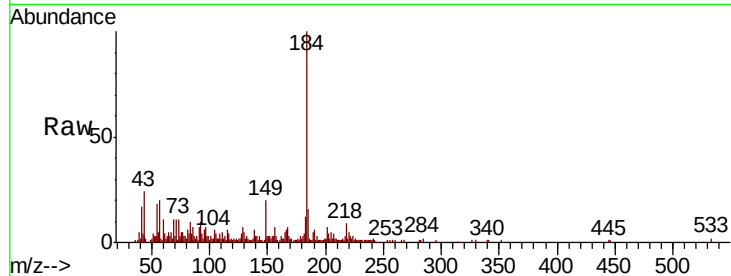
ClientSampleId :

P026-SS002-1218-01MS

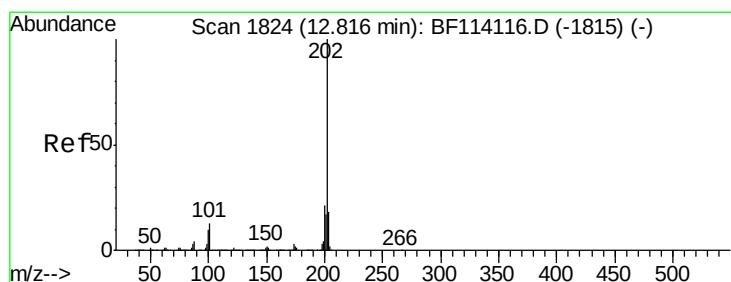
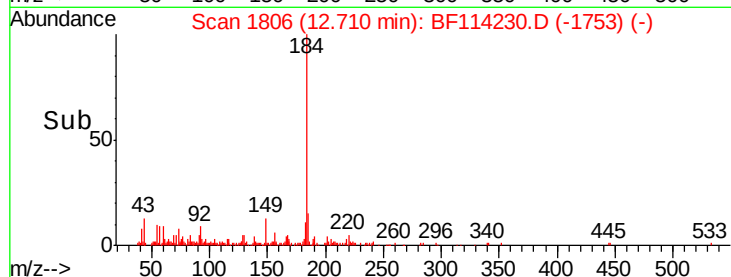
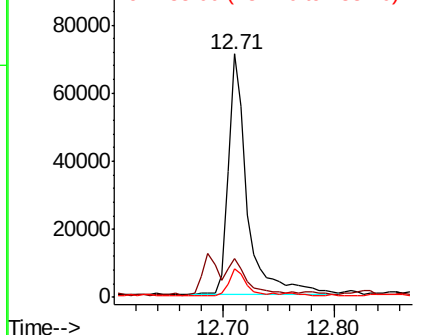
Tot Ion:	184	Resp:	85464
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.6	20.4
183	12.0	9.2	13.8

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 73.399 ng

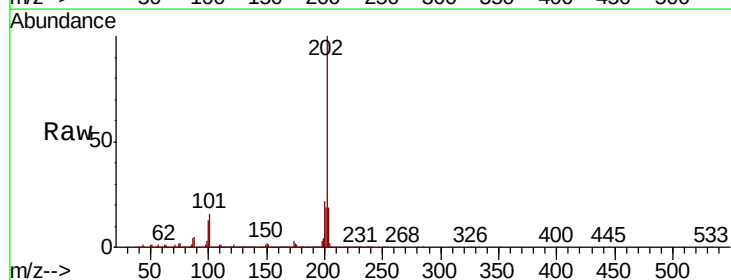
RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

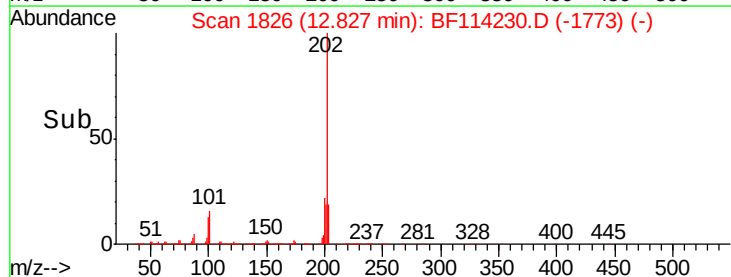
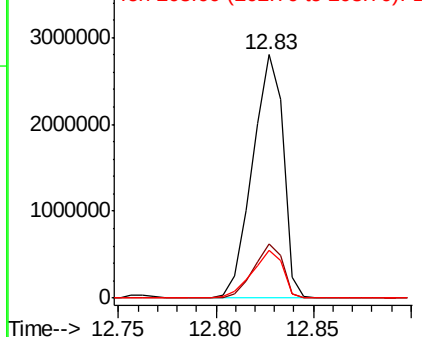
Lab File: BF114230.D

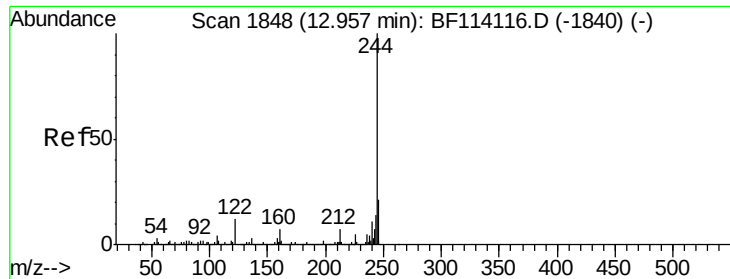
Acq: 13 May 2019 15:50

Tgt Ion:	202	Resp:	3050641
Ion Ratio	Lower	Upper	
202	100		
200	22.2	16.9	25.3
203	19.5	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.690 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:244 Resp: 2298016

Ion Ratio Lower Upper

244 100

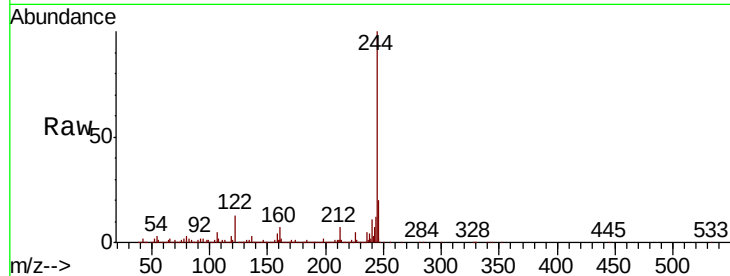
212 7.3 5.8 8.6

122 13.3 9.4 14.2

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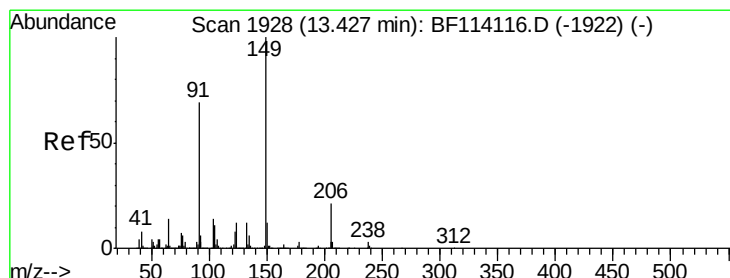
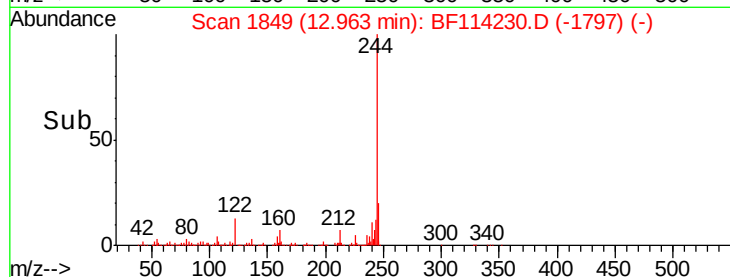
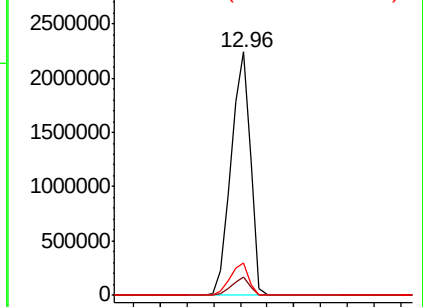
5/14/2019 8:03:13 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 65.161 ng m

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

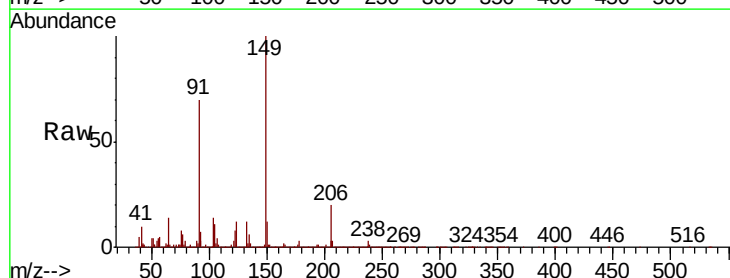
Tgt Ion:149 Resp: 1139927

Ion Ratio Lower Upper

149 100

91 70.1 55.0 82.4

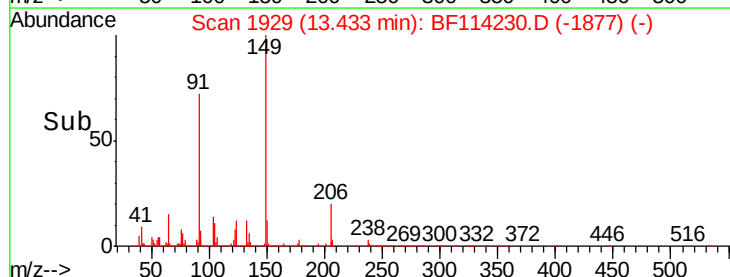
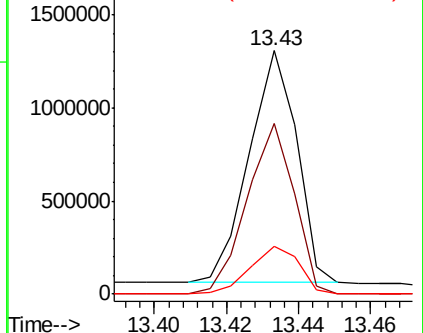
206 19.7 16.9 25.3

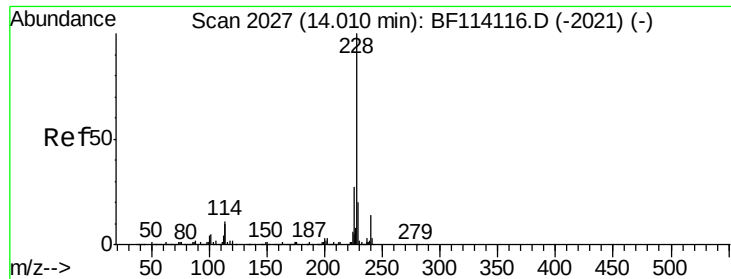


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.812 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:228 Resp: 2065572

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.2
229	20.8	16.4	24.6

228 100

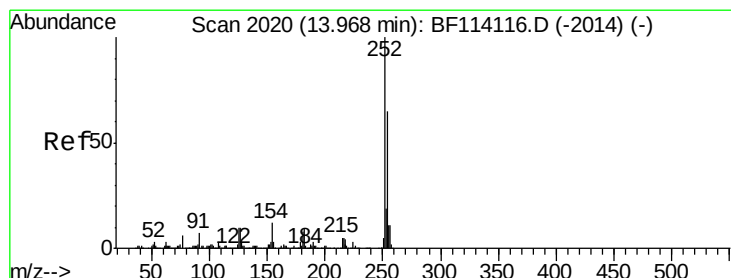
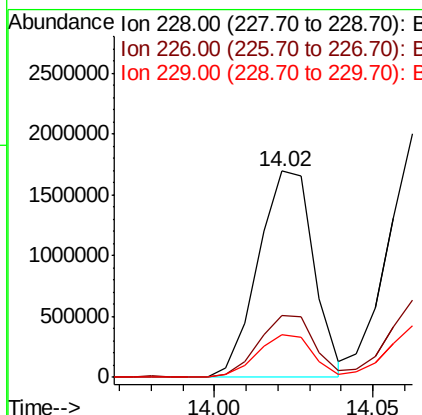
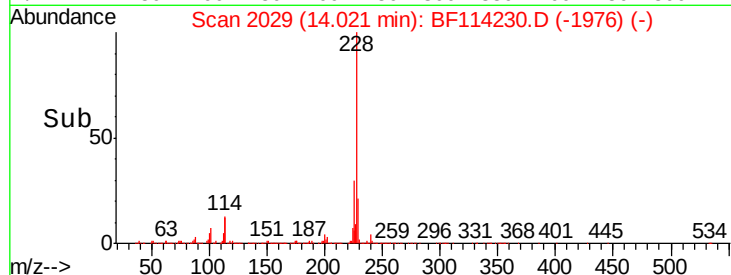
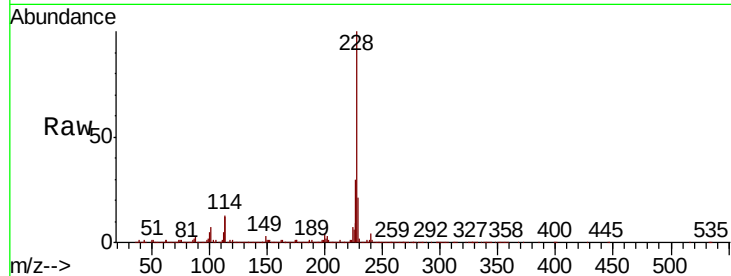
226 29.7 22.2 33.2

229 20.8 16.4 24.6

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5/14/2019 8:03:13 PM



#82

3,3'-Dichlorobenzidine

Concen: 37.974 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

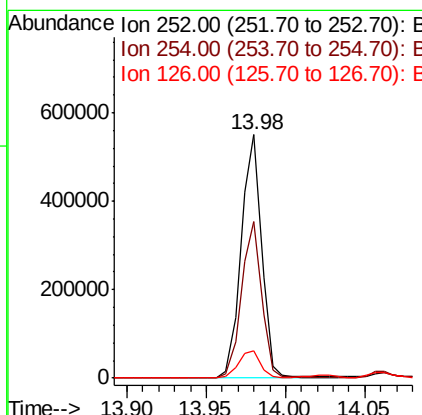
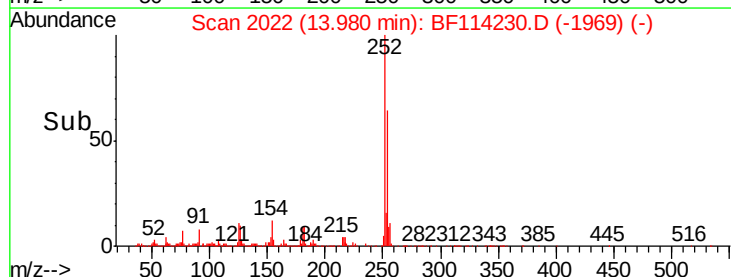
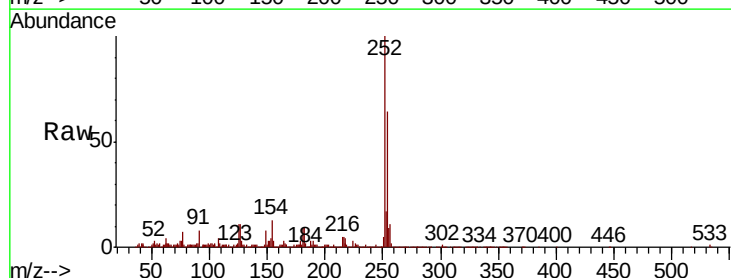
Tgt Ion:252 Resp: 492269

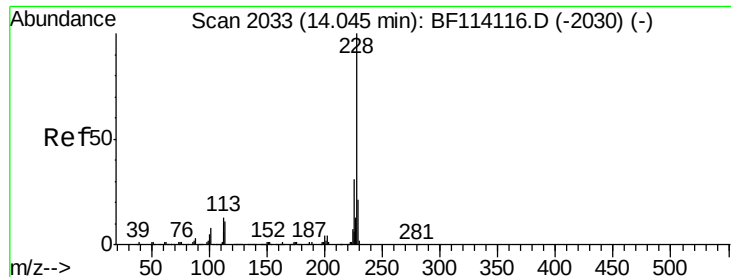
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	11.2	7.9	11.9

252 100

254 64.5 51.9 77.9

126 11.2 7.9 11.9





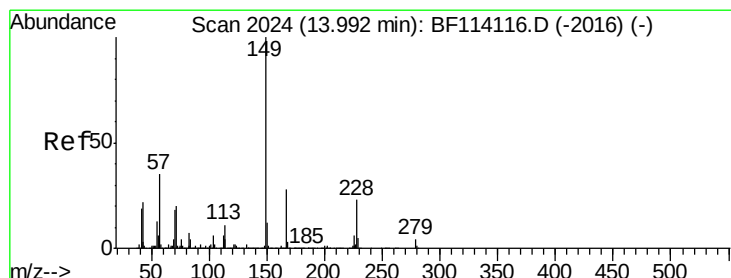
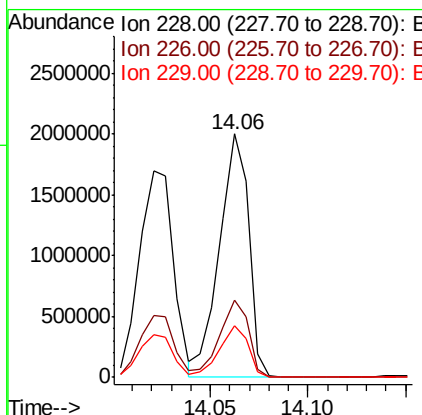
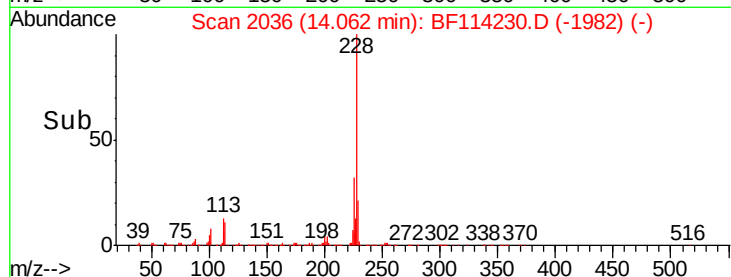
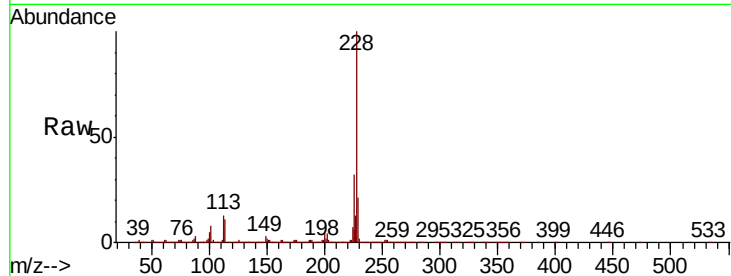
#83
Chrysene
Concen: 63.492 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion:228 Resp: 2079868
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.6
229 20.9 17.0 25.6

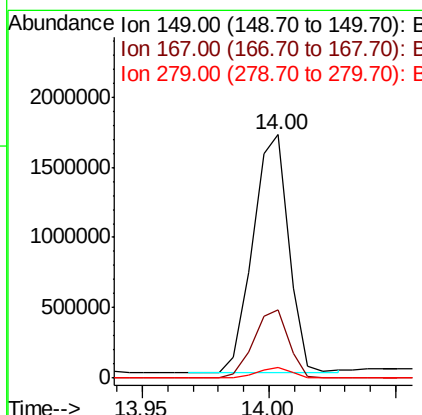
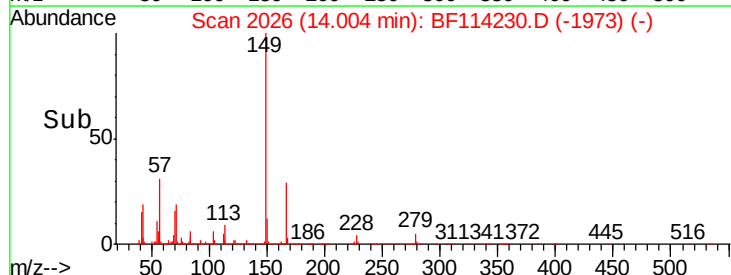
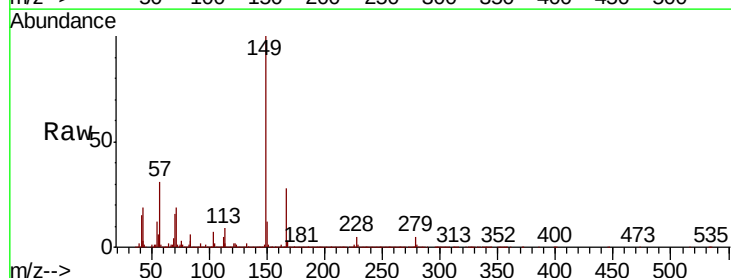
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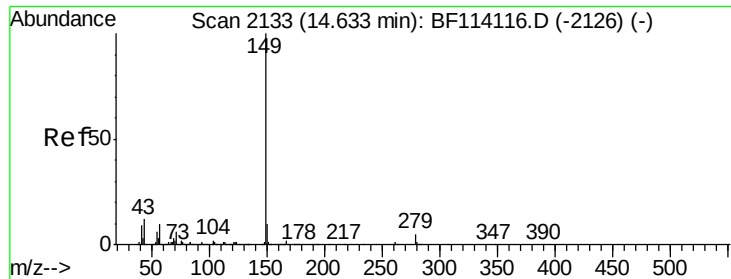
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#84
Bis(2-ethylhexyl)phthalate
Concen: 73.210 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:149 Resp: 1675041
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 73.819 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:149 Resp: 2737941

Ion Ratio Lower Upper

149 100

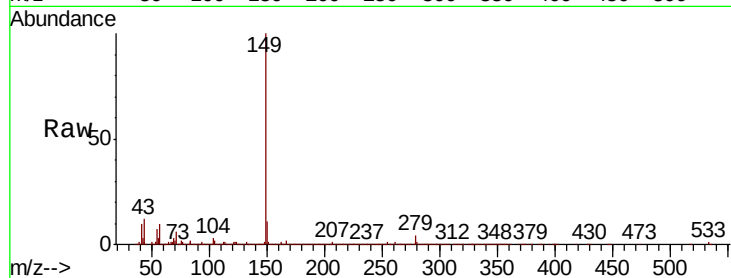
167 1.5 1.3 1.9

43 11.8 10.1 15.1

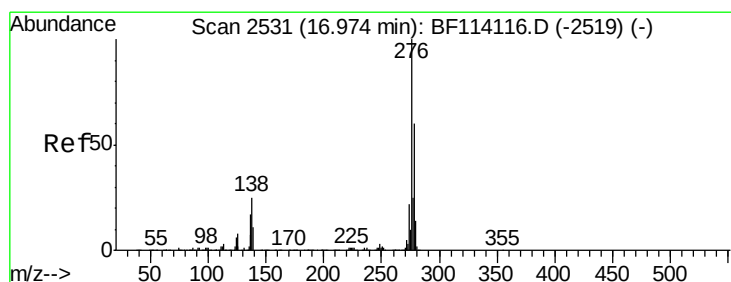
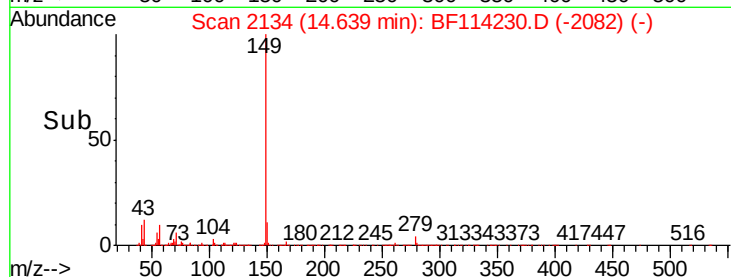
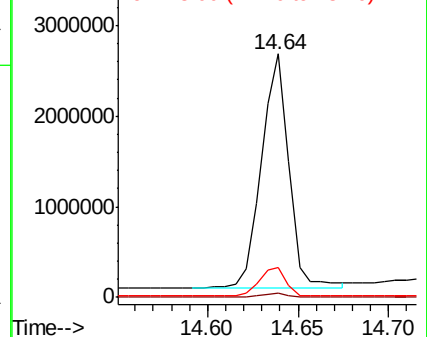
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.481 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.05 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

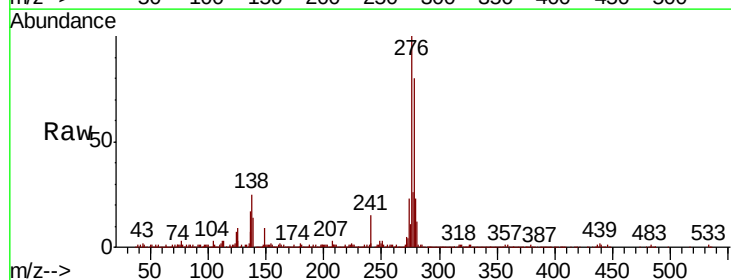
Tgt Ion:276 Resp: 1635199

Ion Ratio Lower Upper

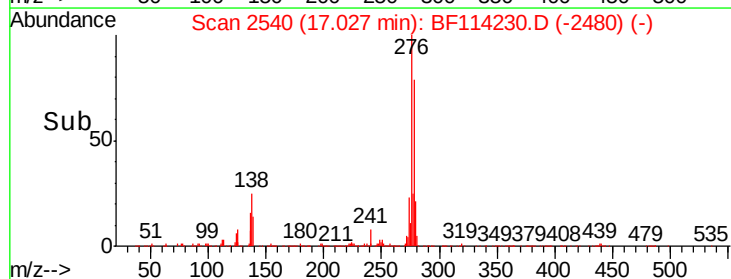
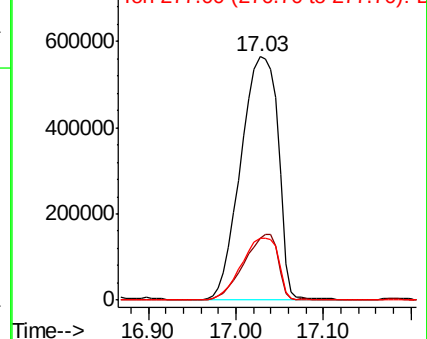
276 100

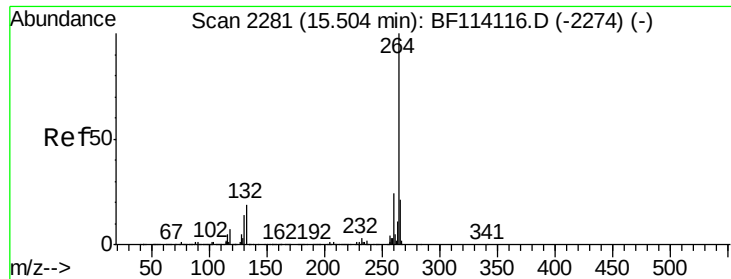
138 24.3 20.2 30.2

277 25.1 20.0 30.0



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: 15.53 min Scan# 2286

Delta R.T. 0.03 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

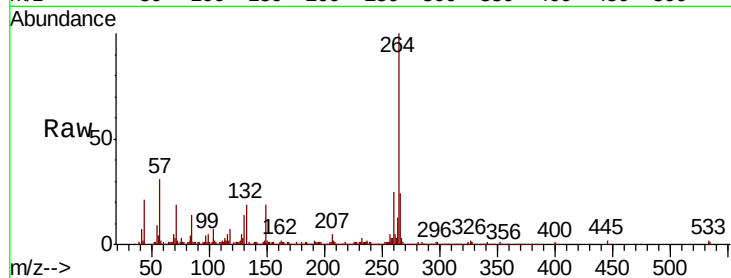
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	264	Resp:	575058
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.0
265	23.7	16.9	25.3

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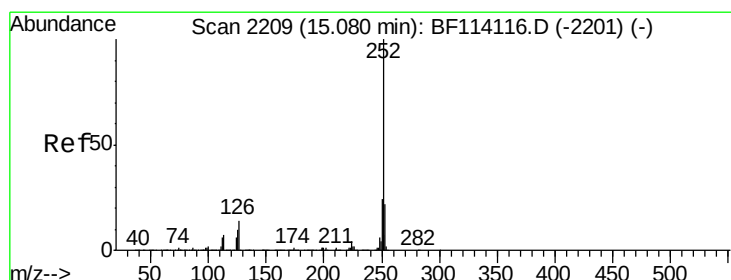
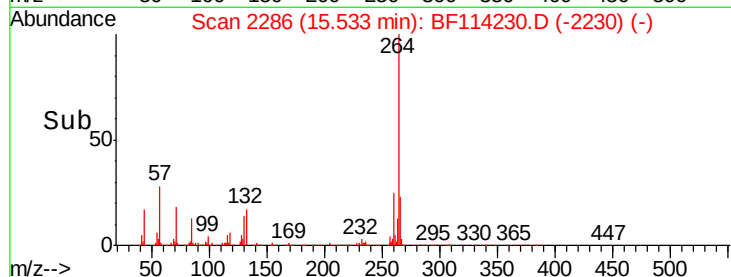
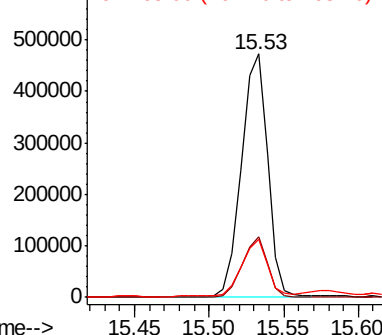


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 66.045 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

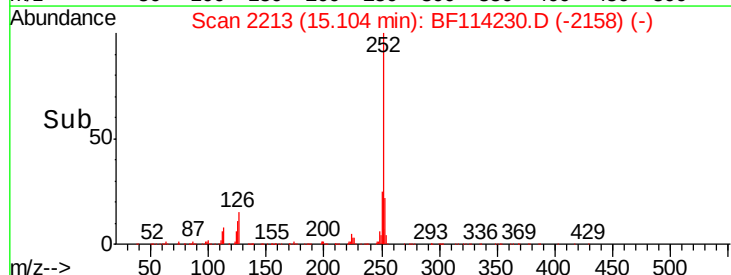
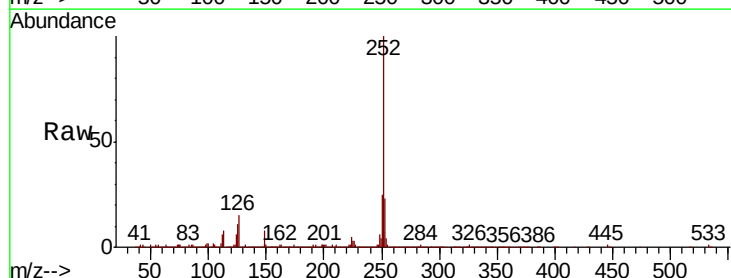
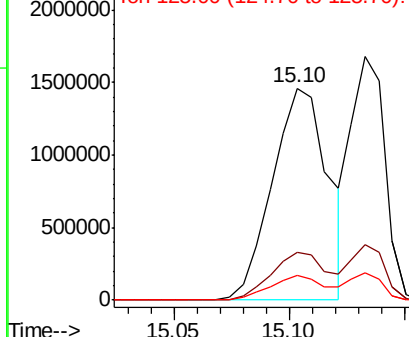
Tgt Ion:	252	Resp:	2433192
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	11.4	8.3	12.5

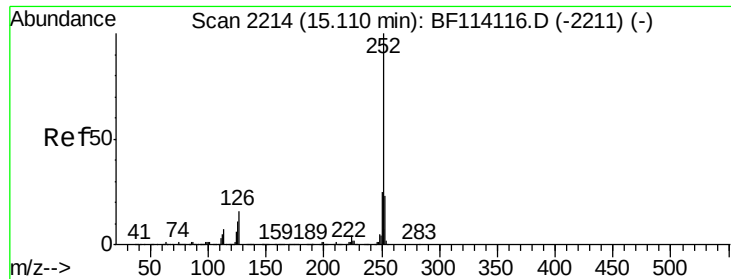
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





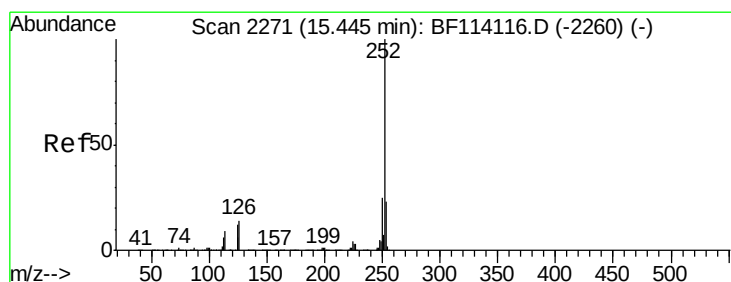
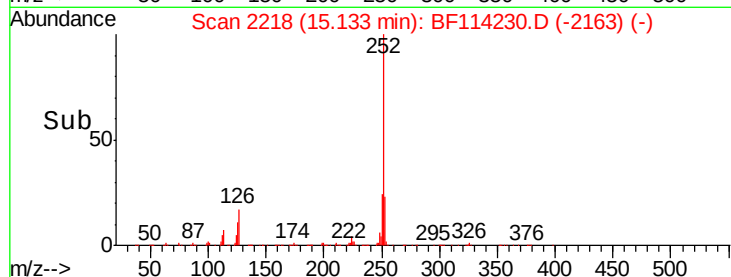
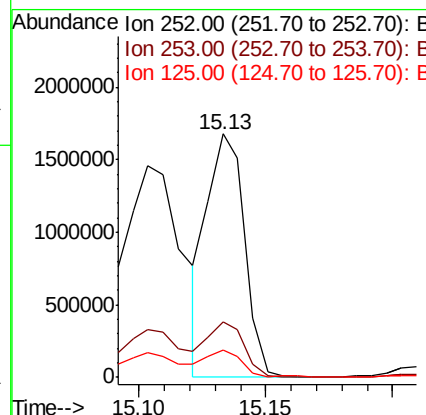
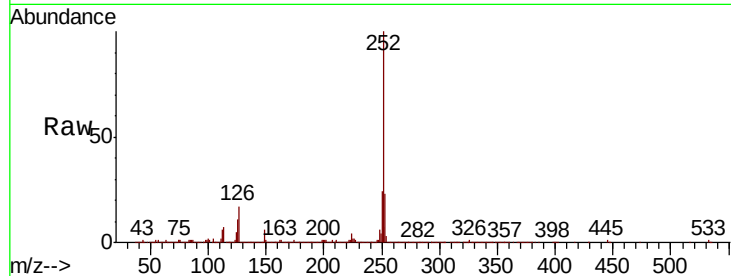
#89
Benzo(k)fluoranthene
Concen: 50.486 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.3	8.6	13.0

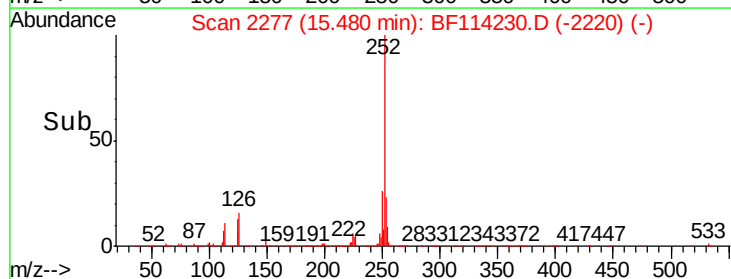
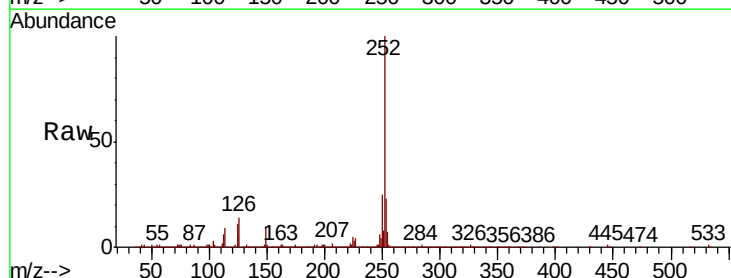
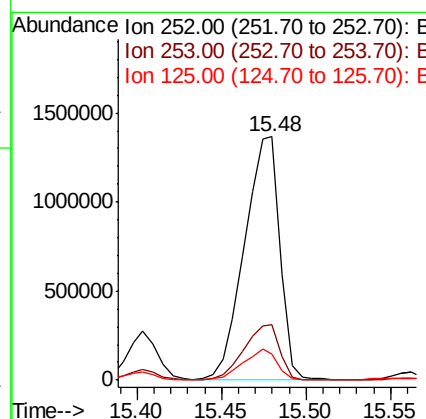
Manual Integrations
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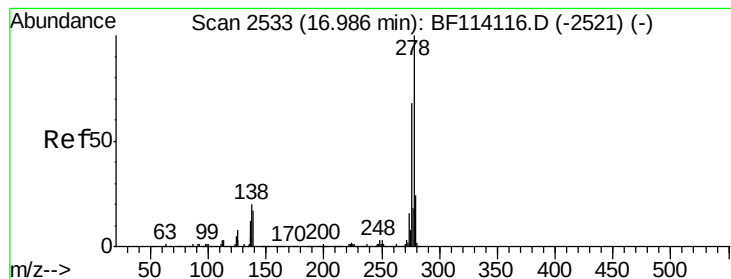
Sohil
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#90
Benzo(a)pyrene
Concen: 61.379 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.04 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.9	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 48.269 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.05 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:278 Resp: 1300477

Ion Ratio Lower Upper

278 100

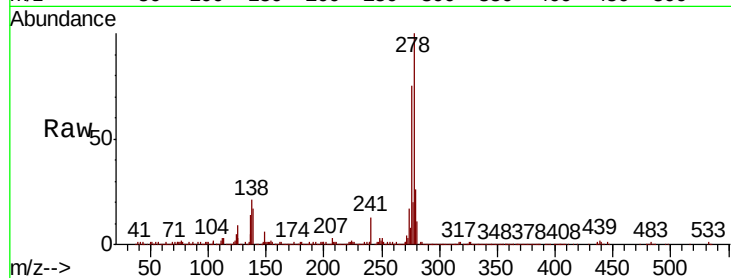
139 16.7 13.5 20.3

279 25.9 19.0 28.6

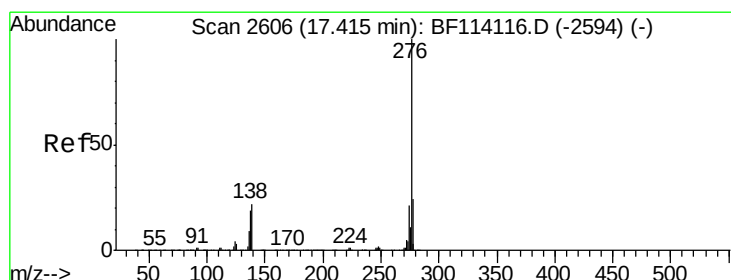
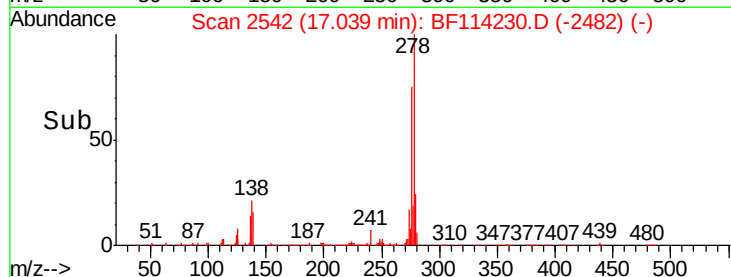
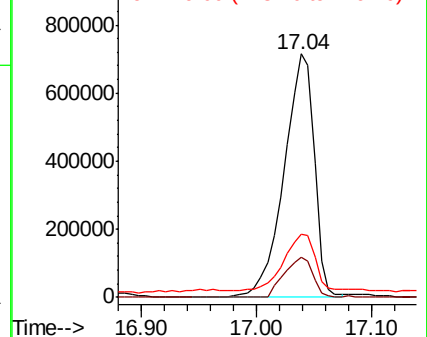
Manual Integrations
APPROVED

Sohil

5/14/2019 8:03:13 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.190 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.06 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

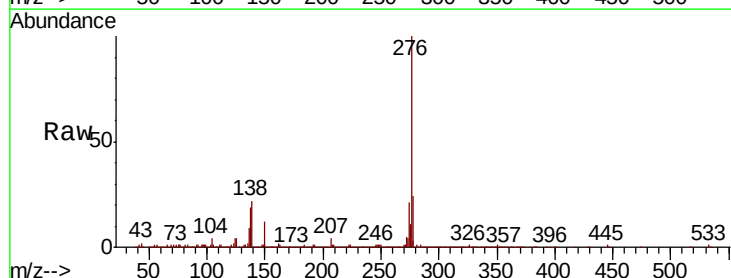
Tgt Ion:276 Resp: 1625158

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.1 17.8 26.6



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

