

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114219.D
 Acq On : 13 May 2019 3:51
 Operator : JU/SJ
 Sample : K2765-20MSD 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Manual Integrations
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Sohil
 5/13/2019 8:37:54 PM

Quant Time: May 13 09:44:12 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	6.85	152	237819	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	910391	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	409179	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	741920	20.00	ng	0.00
76) Chrysene-d12	14.02	240	524431	20.00	ng	0.00
87) Perylene-d12	15.49	264	532403	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	329965	22.33	ng	0.00
7) Phenol-d6	6.49	99	445291	25.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	272028	16.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	76694	18.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	387936	14.34	ng	0.00
79) Terphenyl-d14	12.95	244	293496	11.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	52190	6.425	ng	96
3) Pyridine	3.38	79	90688	4.052	ng	96
4) n-Nitrosodimethylamine	3.27	42	61345	5.684	ng	# 92
6) Aniline	6.51	93	57877	2.292	ng	# 1
8) 2-Chlorophenol	6.64	128	142194	9.013	ng	95
9) Benzaldehyde	6.40	77	66278	5.417	ng	98
10) Phenol	6.50	94	179025	8.707	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	144279	9.243	ng	94
12) 1,3-Dichlorobenzene	6.79	146	146574	8.277	ng	97
13) 1,4-Dichlorobenzene	6.87	146	148039	8.296	ng	98
14) 1,2-Dichlorobenzene	7.02	146	140881	8.641	ng	99
15) Benzyl Alcohol	6.99	79	116773	8.566	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	244029	8.063	ng	95
17) 2-Methylphenol	7.11	107	104722	8.081	ng	98
18) Hexachloroethane	7.36	117	37540	5.604	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	98557	8.896	ng	98
20) 3+4-Methylphenols	7.27	107	137402	9.176	ng	# 60
22) Acetophenone	7.26	105	196185	9.727	ng	# 87
24) Nitrobenzene	7.43	77	145238	8.790	ng	98
25) Isophorone	7.67	82	255983	8.508	ng	99
26) 2-Nitrophenol	7.75	139	66762	8.329	ng	95
27) 2,4-Dimethylphenol	7.79	122	105086	8.347	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	174411	8.935	ng	99
29) 2,4-Dichlorophenol	8.00	162	107203	8.551	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	118682	8.325	ng	99
31) Naphthalene	8.16	128	569159	13.384	ng	97
32) Benzoic acid	7.86	122	43427	11.151	ng	99
33) 4-Chloroaniline	8.20	127	73318	3.783	ng	96
34) Hexachlorobutadiene	8.27	225	61700	7.607	ng	100
35) Caprolactam	8.54	113	30664	7.501	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	111392	8.827	ng	99
37) 2-Methylnaphthalene	8.85	142	329139	11.996	ng	97
38) 1-Methylnaphthalene	8.95	142	283975	10.990	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	110451	8.911	ng	99

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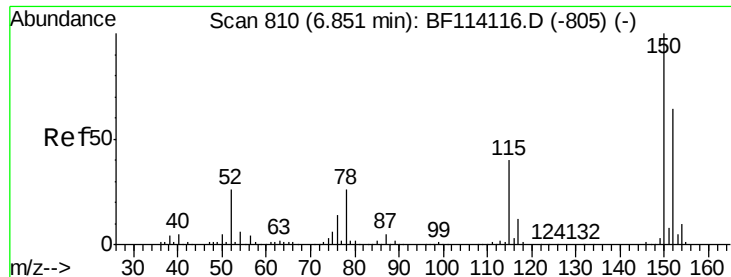
Manual Integrations
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 5/13/2019 8:37:54 PM

Quant Time: May 13 09:44:12 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	1389	4.551	ng	# 61
43) 2,4,6-Trichlorophenol	9.13	196	72127	8.460	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	75477	8.632	ng	# 93
46) 1,1'-Biphenyl	9.30	154	336935	10.193	ng	96
47) 2-Chloronaphthalene	9.33	162	230999	8.683	ng	96
48) 2-Nitroaniline	9.43	65	76738	8.134	ng	96
49) Acenaphthylene	9.75	152	645973	15.965	ng	98
50) Dimethylphthalate	9.60	163	332692	11.076	ng	99
51) 2,6-Dinitrotoluene	9.66	165	54731	8.215	ng	96
52) Acenaphthene	9.92	154	216994	8.739	ng	99
53) 3-Nitroaniline	9.83	138	40864	4.941	ng	98
54) 2,4-Dinitrophenol	9.95	184	15097	10.872	ng	# 85
55) Dibenzofuran	10.09	168	326944	8.980	ng	93
56) 4-Nitrophenol	10.02	139	72593	12.412	ng	86
57) 2,4-Dinitrotoluene	10.07	165	69686	7.706	ng	98
58) Fluorene	10.43	166	277528	9.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	55996m	7.422	ng	
60) Diethylphthalate	10.30	149	264004	8.650	ng	97
61) 4-Chlorophenyl-phenylether	10.42	204	121756	8.815	ng	98
62) 4-Nitroaniline	10.45	138	51581	5.935	ng	97
63) Azobenzene	10.58	77	237723	8.047	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	12080	3.388	ng	75
66) n-Nitrosodiphenylamine	10.54	169	218747	9.715	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	70844	8.672	ng	95
68) Hexachlorobenzene	10.99	284	73212	8.101	ng	97
69) Atrazine	11.06	200	62173	8.873	ng	99
70) Pentachlorophenol	11.19	266	51242	11.962	ng	98
71) Phenanthrene	11.40	178	1222421	33.866	ng	98
72) Anthracene	11.45	178	489494	13.502	ng	98
73) Carbazole	11.60	167	304232	8.800	ng	98
74) Di-n-butylphthalate	11.93	149	399024	10.018	ng	100
75) Fluoranthene	12.59	202	1631640	41.977	ng	98
78) Pyrene	12.82	202	2663183	63.127	ng	99
80) Butylbenzylphthalate	13.42	149	153585	8.649	ng	94
81) Benzo(a)anthracene	14.00	228	1196538m	35.275	ng	
83) Chrysene	14.04	228	1249974	37.592	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	217109	9.348	ng	100
85) Di-n-octyl phthalate	14.60	149	358181	9.514	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	595102	20.251	ng	99
88) Benzo(b)fluoranthene	15.06	252	1300147m	38.118	ng	
89) Benzo(k)fluoranthene	15.09	252	446165m	14.240	ng	
90) Benzo(a)pyrene	15.43	252	881109	29.352	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	292495	11.726	ng	99
92) Benzo(g,h,i)perylene	17.41	276	602254	24.092	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

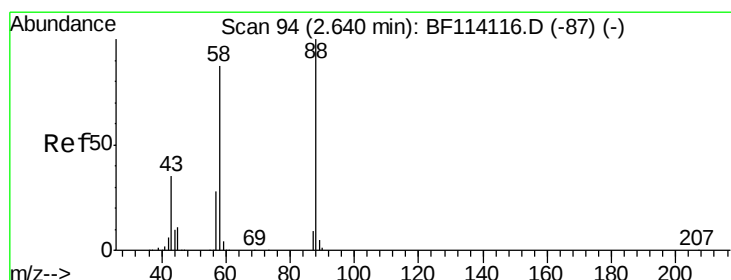
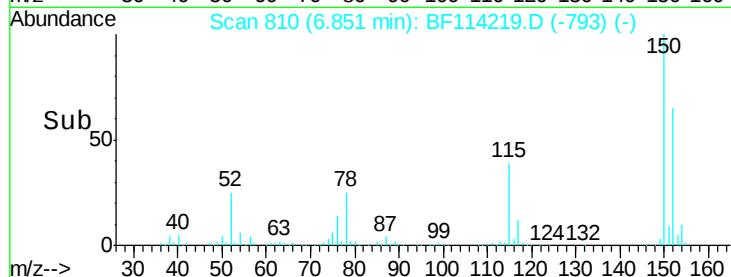
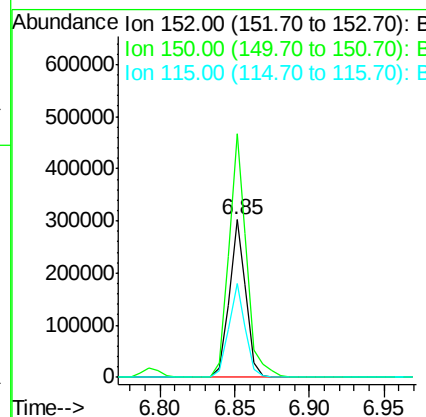
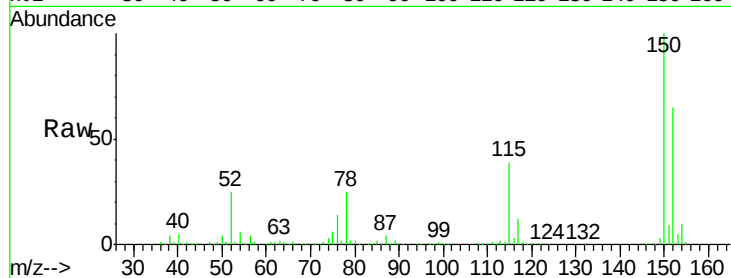
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	152	Resp:	237819
Ion Ratio	Lower	Upper	
152	100		
150	154.9	124.3	186.5
115	60.0	49.1	73.7

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#2

1,4-Dioxane

Concen: 6.425 ng

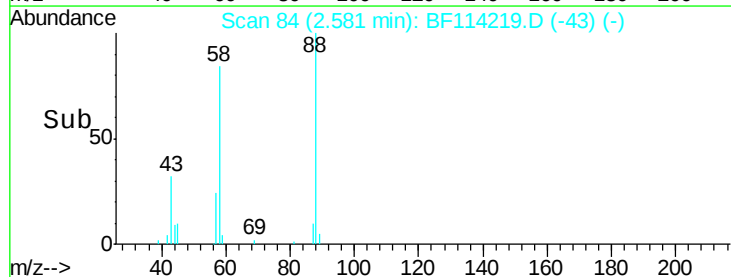
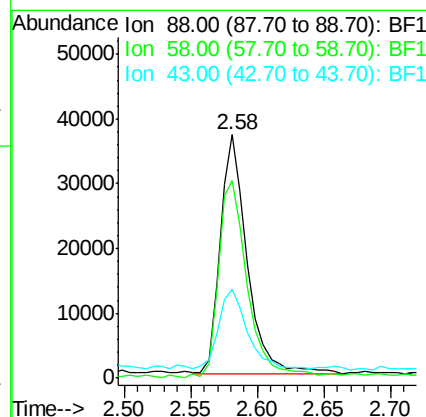
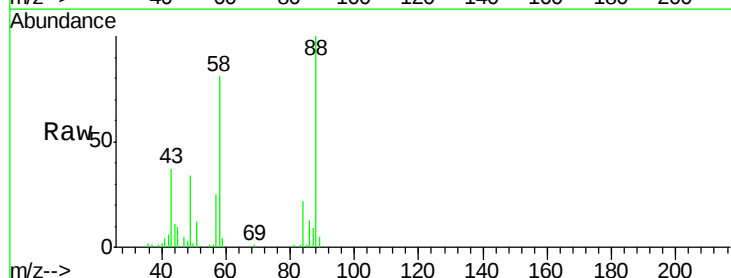
RT: 2.58 min Scan# 84

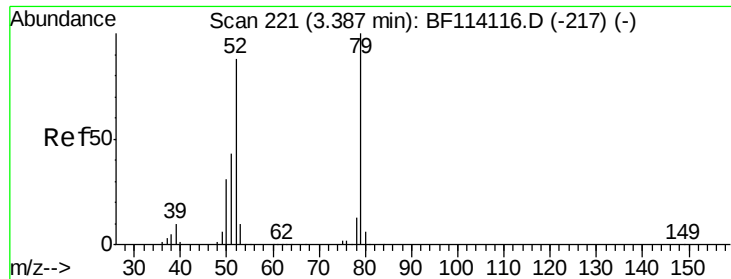
Delta R.T. -0.06 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	88	Resp:	52190
Ion Ratio	Lower	Upper	
88	100		
58	91.0	68.7	103.1
43	34.7	28.2	42.2





#3

Pvridine

Concen: 4.052 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

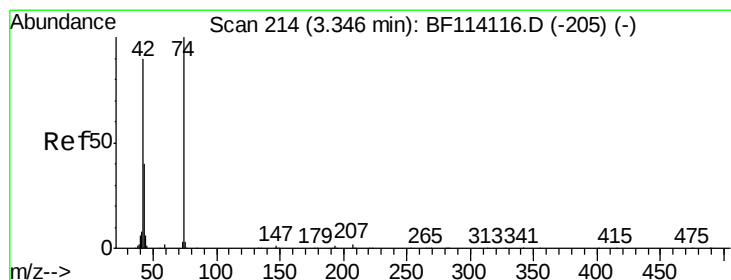
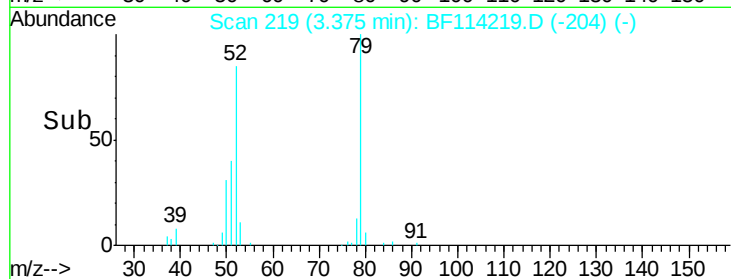
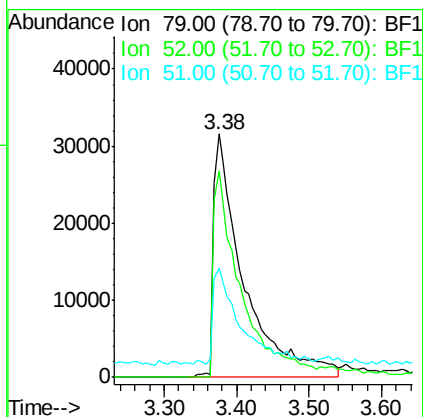
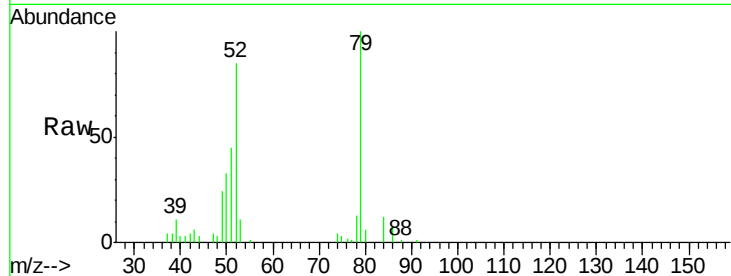
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	79	Resp:	90688
Ion Ratio	Lower	Upper	
79	100		
52	84.6	70.6	105.8
51	45.1	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 5.684 ng

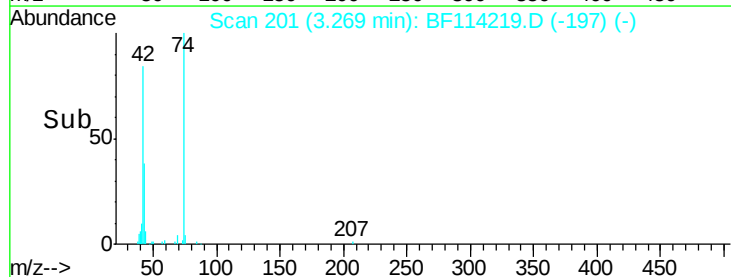
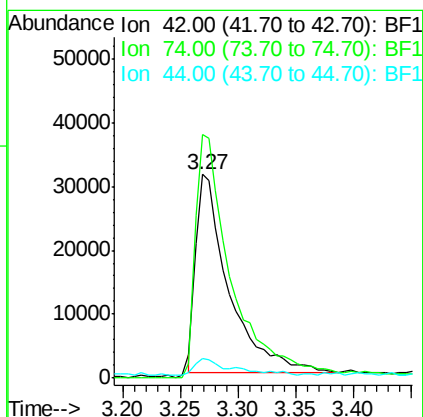
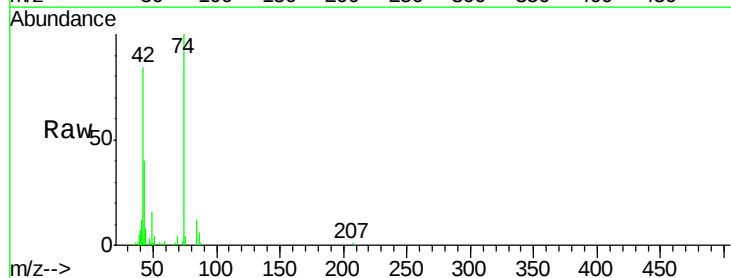
RT: 3.27 min Scan# 201

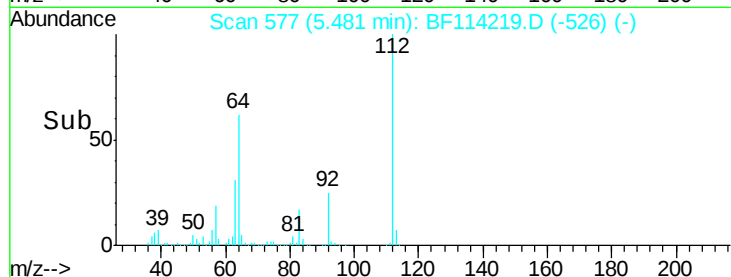
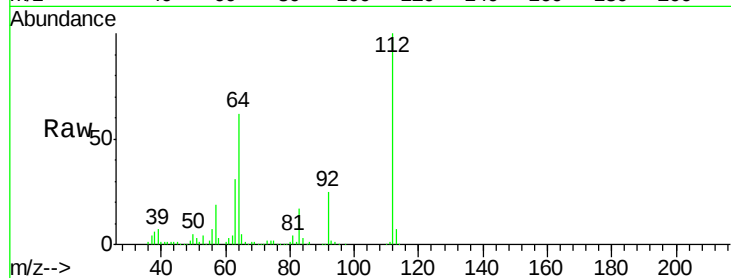
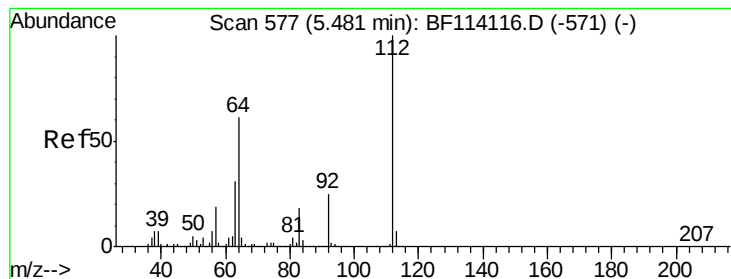
Delta R.T. -0.08 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	42	Resp:	61345
Ion Ratio	Lower	Upper	
42	100		
74	119.5	88.6	132.8
44	9.4	5.5	8.3#





#5

2-Fluorophenol

Concen: 22.328 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		329965		
64	62.0	49.0	73.6		
63	30.5	24.6	37.0		

Instrument :

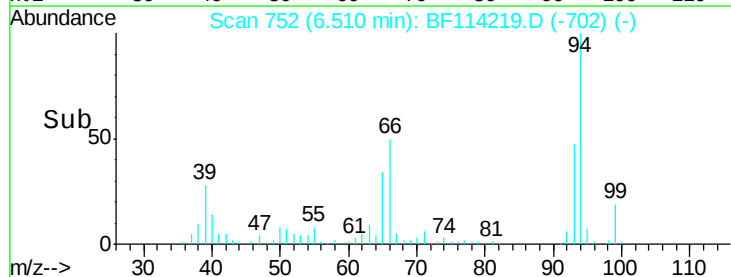
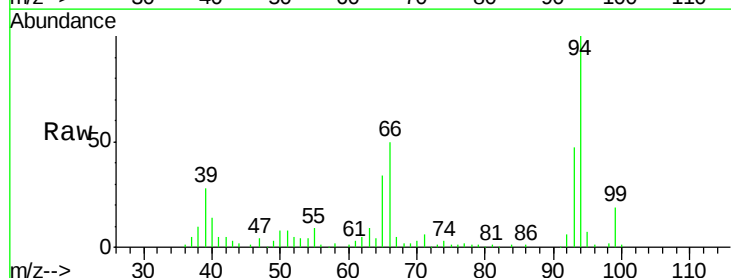
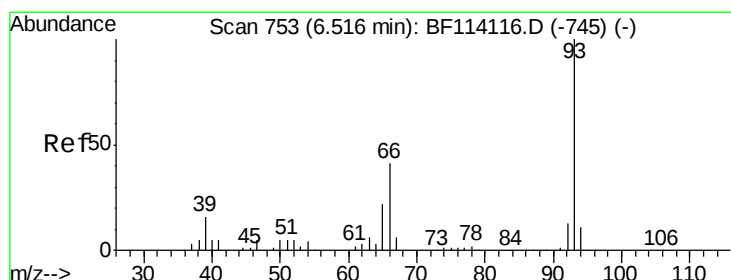
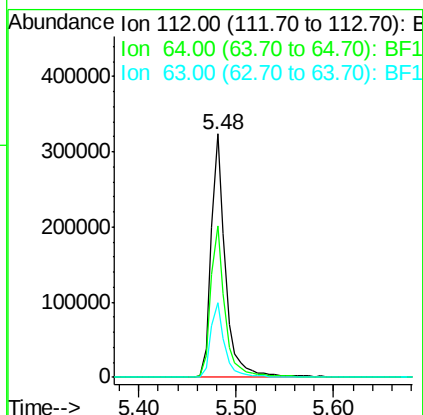
BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Manual Integrations
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#6

Aniline

Concen: 2.292 ng

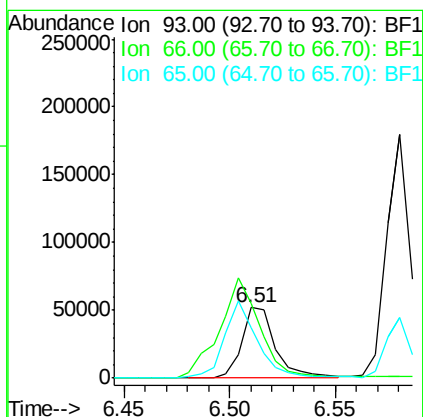
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		57877		
66	106.5	33.2	49.8#		
65	71.6	17.6	26.4#		





#7

Phenol-d6

Concen: 25.476 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

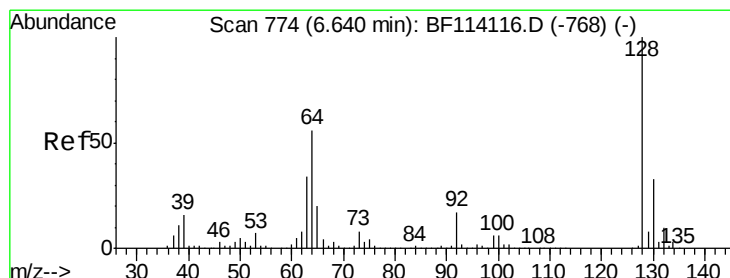
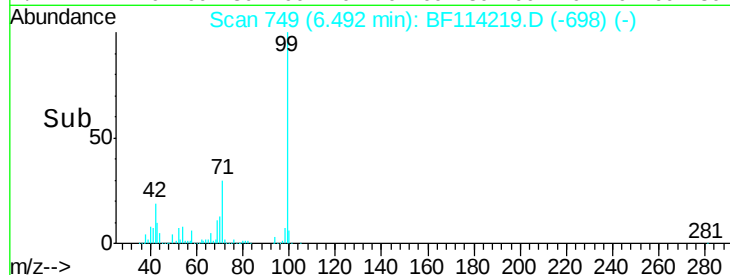
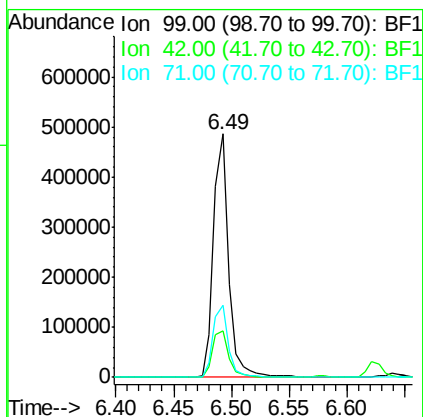
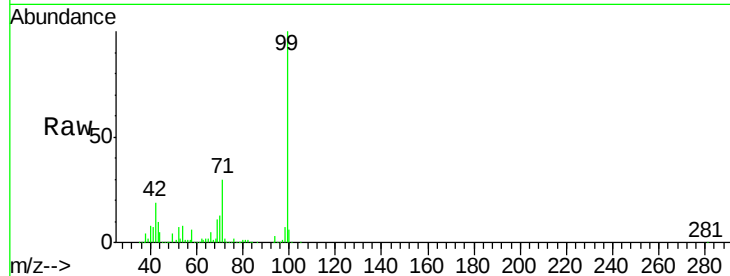
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	99	Resp:	445291
Ion Ratio	Lower	Upper	
99	100		
42	19.0	17.9	26.9
71	29.6	26.2	39.2

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#8

2-Chlorophenol

Concen: 9.013 ng

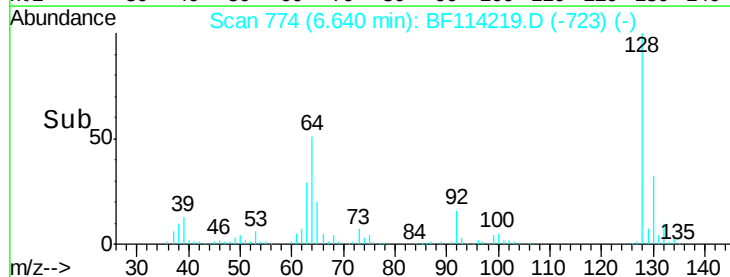
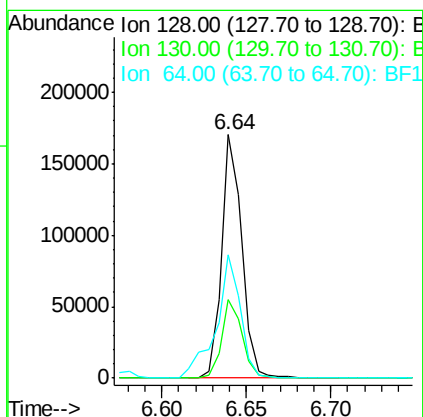
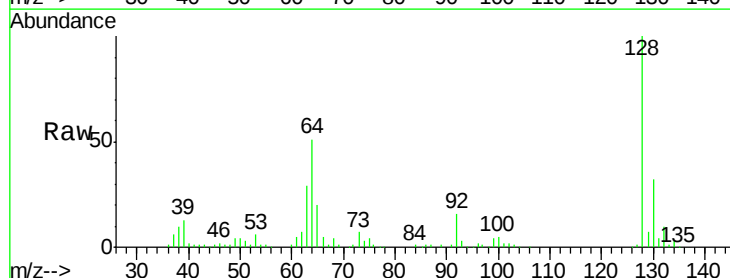
RT: 6.64 min Scan# 774

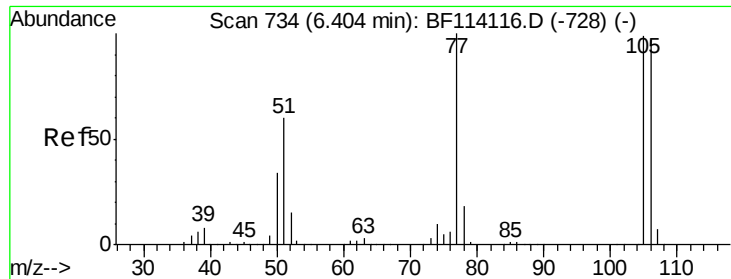
Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	128	Resp:	142194
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.6	52.6
64	50.5	35.9	75.9





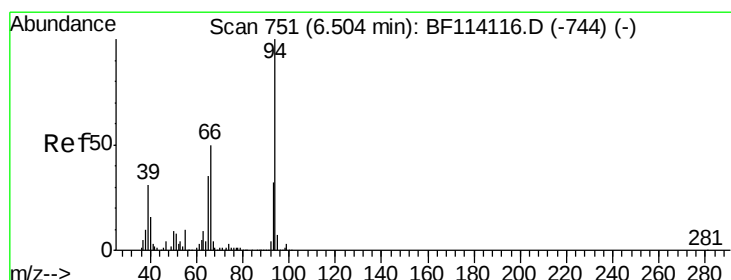
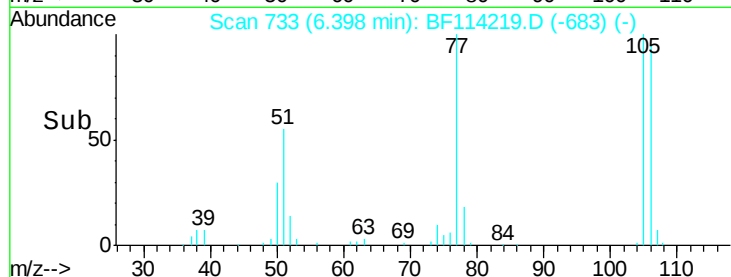
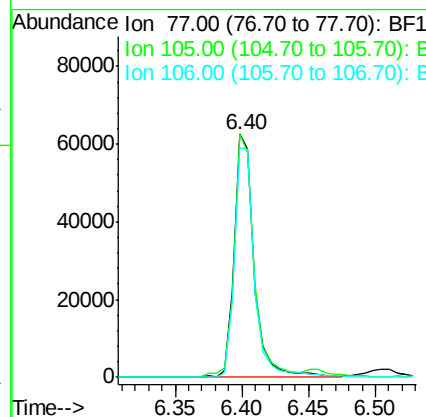
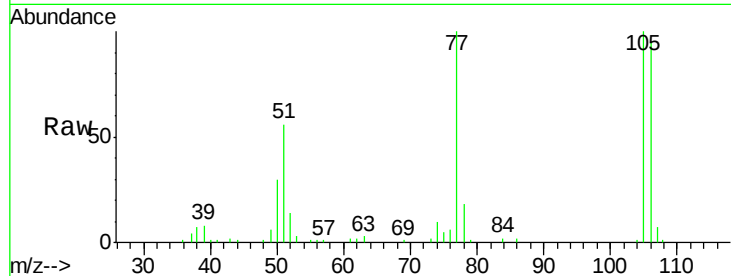
#9
Benzaldehyde
Concen: 5.417 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	79.3	119.3		
106	94.5	77.0	117.0		

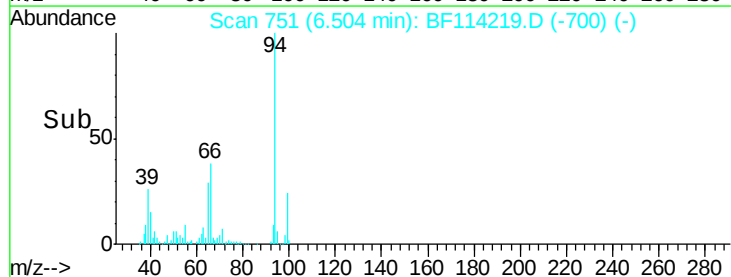
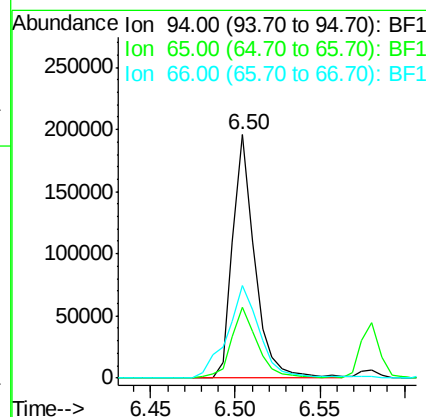
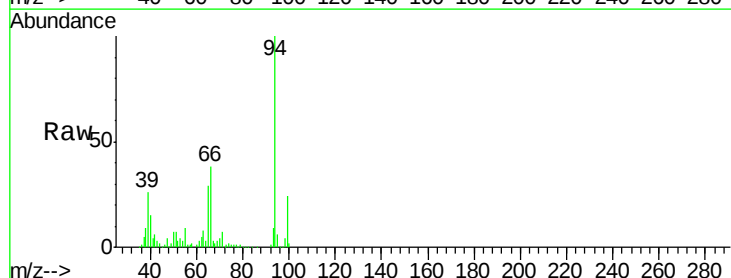
Manual Integrations
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#10
Phenol
Concen: 8.707 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF114219.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.0	14.7	54.7		
66	38.0	29.6	69.6		





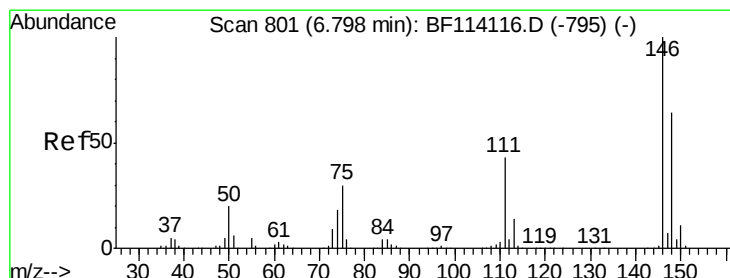
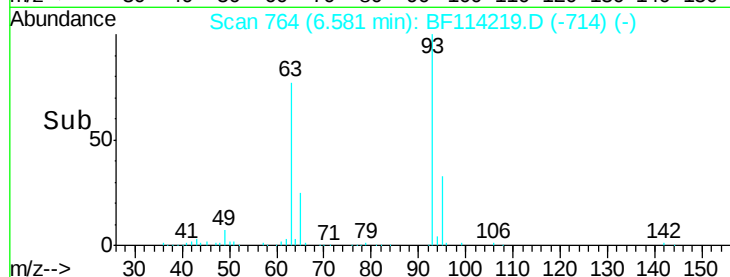
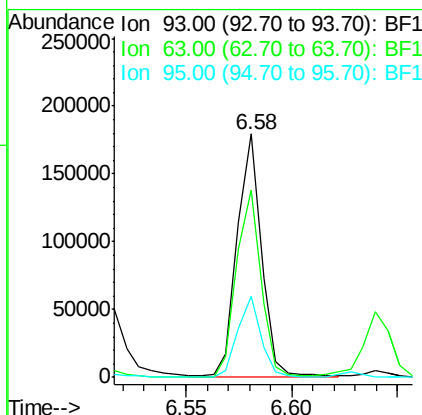
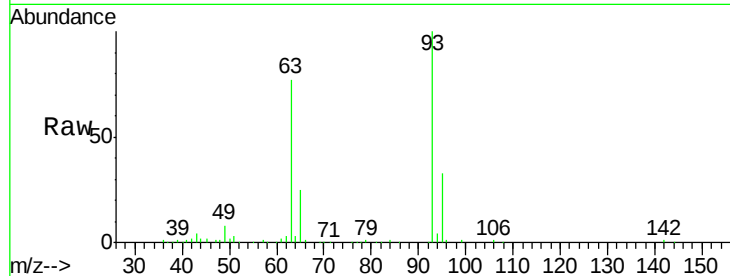
#11
bis(2-Chloroethyl)ether
Concen: 9.243 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	63.6	103.6
95	33.2	13.1	53.1

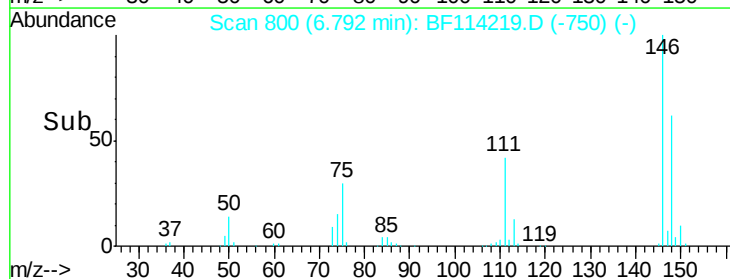
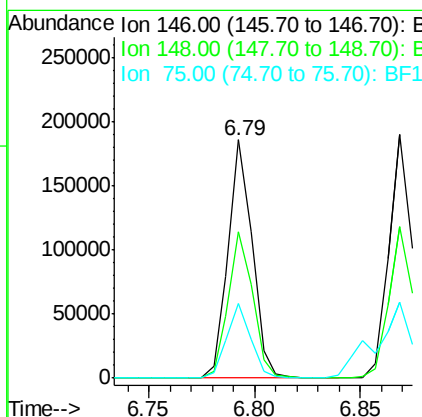
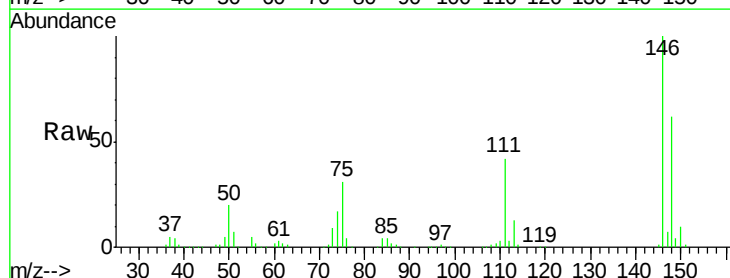
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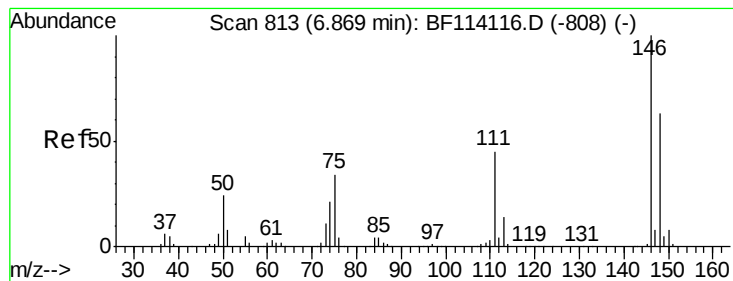
Sohil
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#12
1,3-Dichlorobenzene
Concen: 8.277 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.6	77.4
75	31.1	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 8.296 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

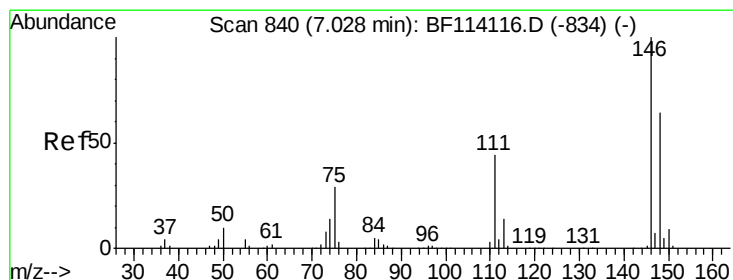
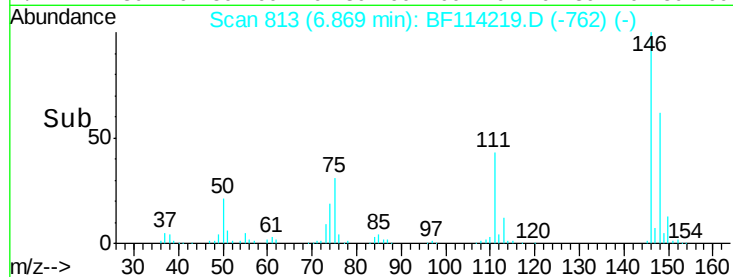
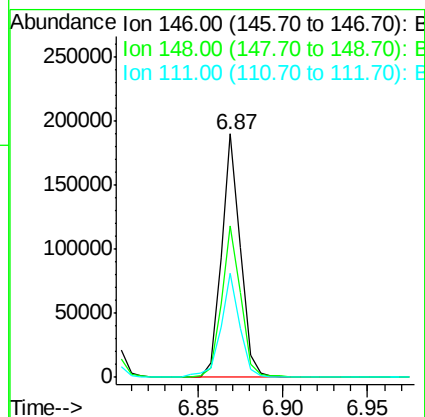
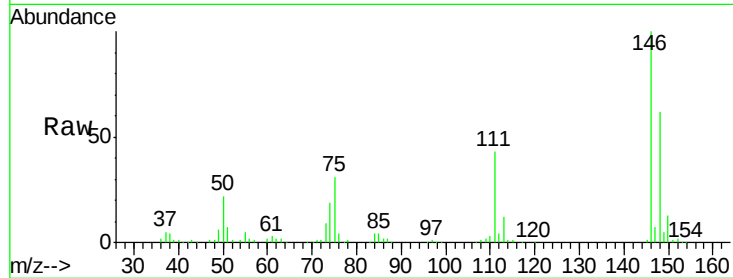
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	146	Resp:	148039
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.2	75.2
111	42.6	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 8.641 ng

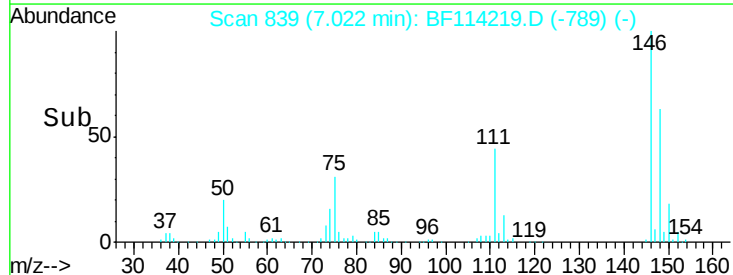
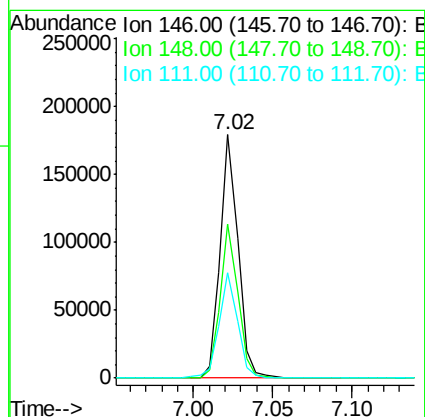
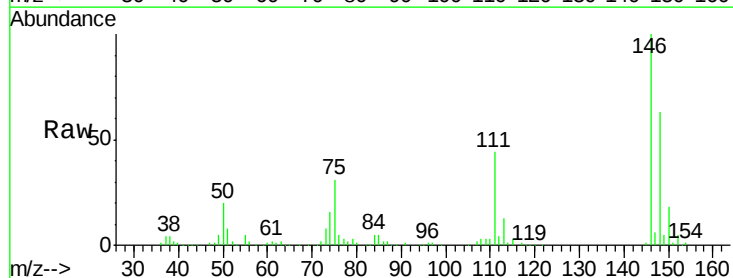
RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	146	Resp:	140881
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.1	76.7
111	43.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 8.566 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

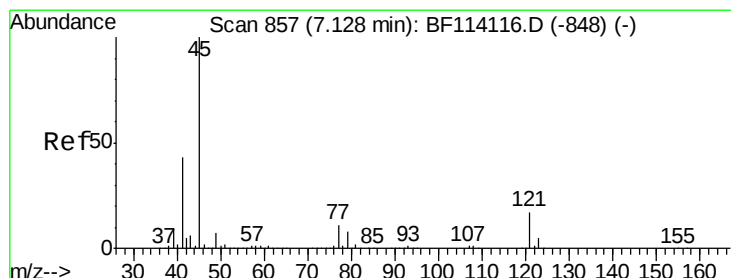
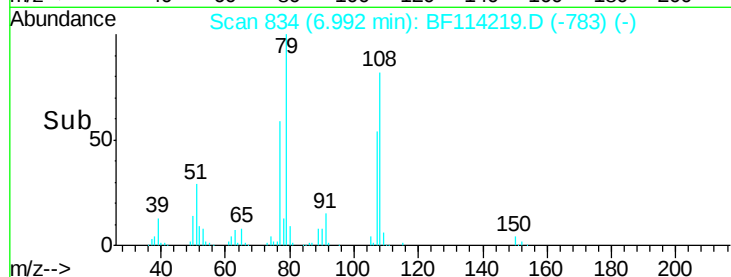
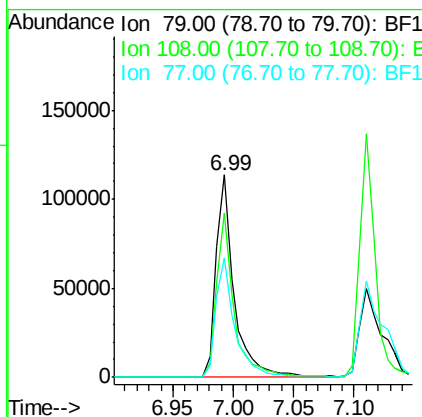
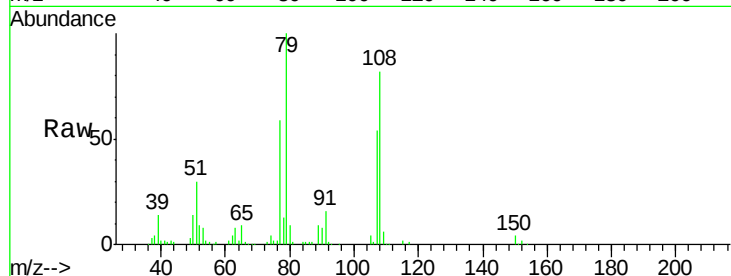
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	79	Resp:	116773
Ion Ratio	Lower	Upper	
79	100		
108	81.5	62.1	93.1
77	59.0	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.063 ng

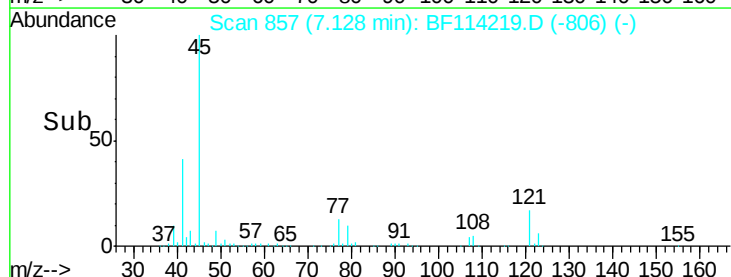
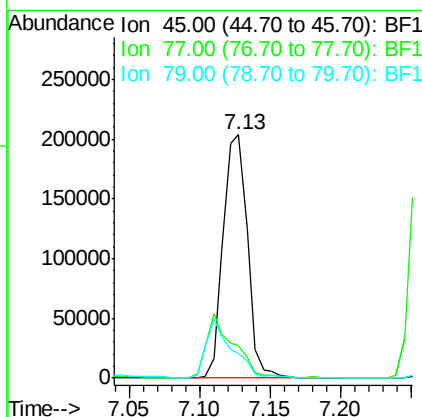
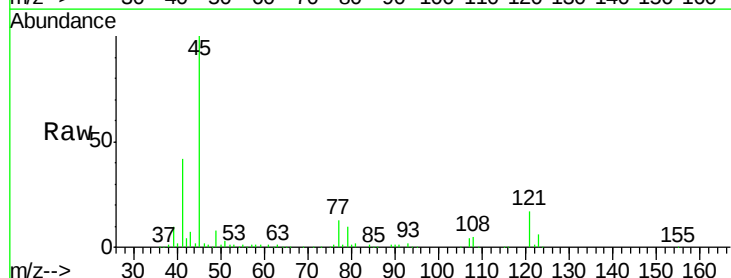
RT: 7.13 min Scan# 857

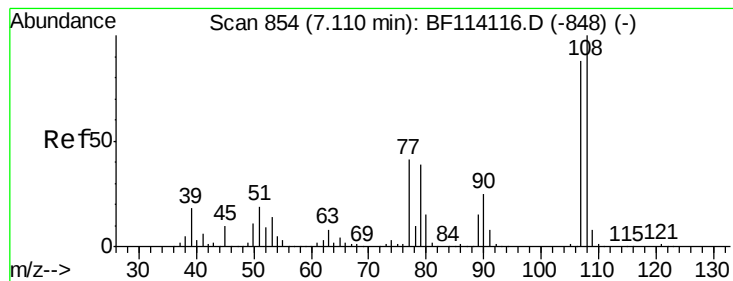
Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	45	Resp:	244029
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	31.1
79	10.3	0.0	28.4





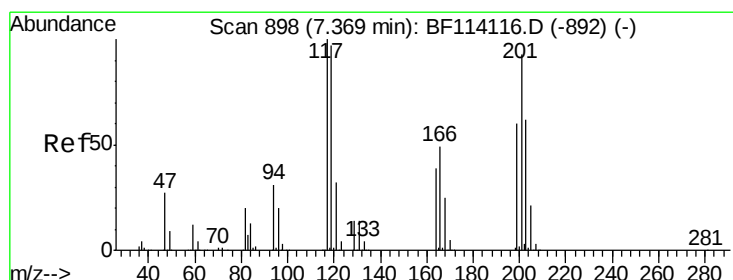
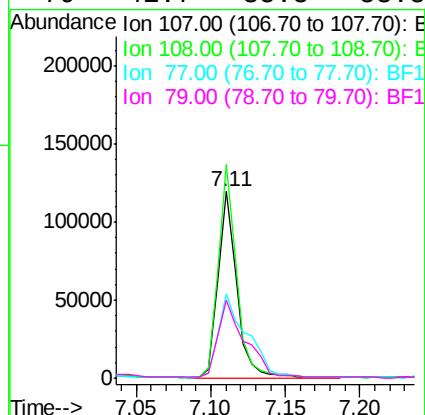
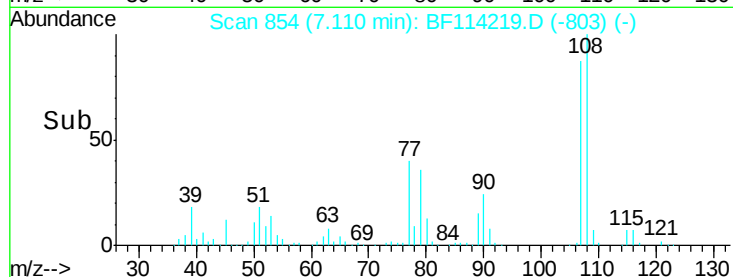
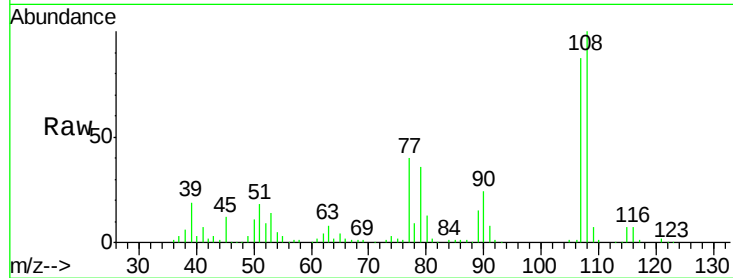
#17
2-Methylphenol
Concen: 8.081 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	90.5	135.7	
77	45.6	37.0	55.4	
79	41.7	35.8	53.8	

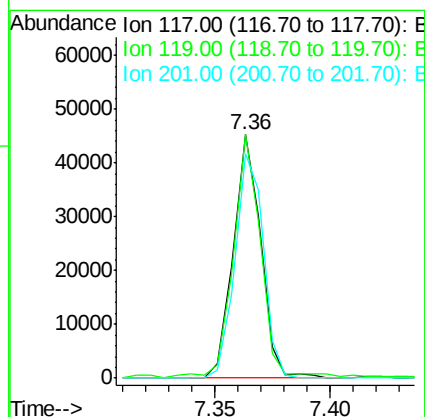
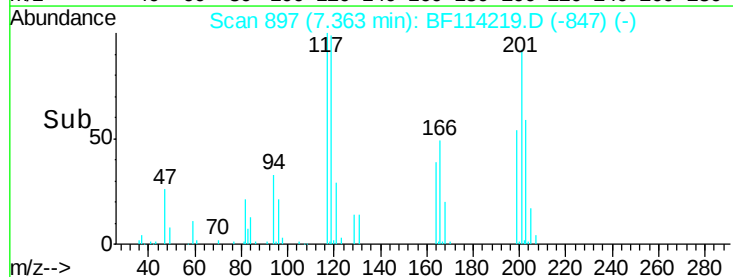
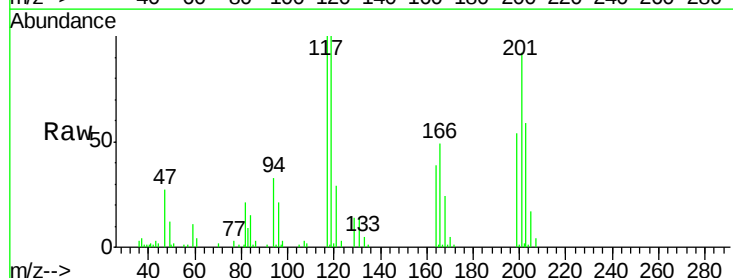
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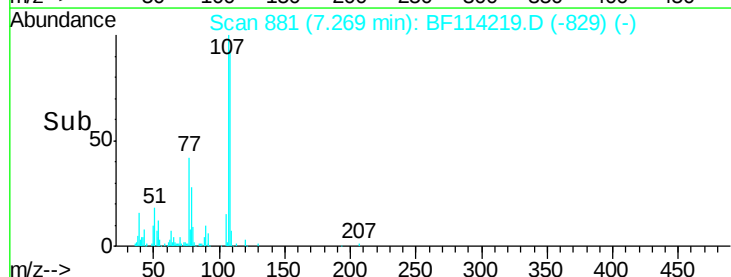
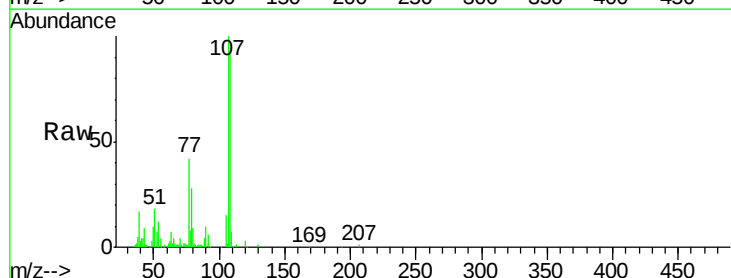
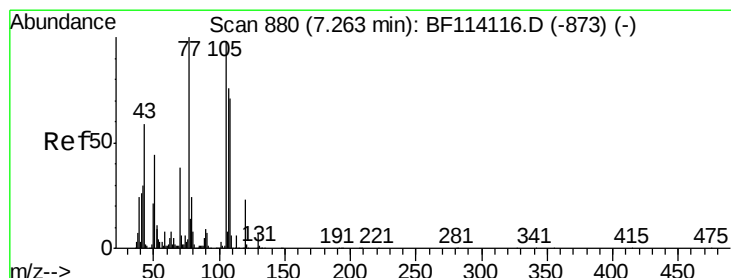
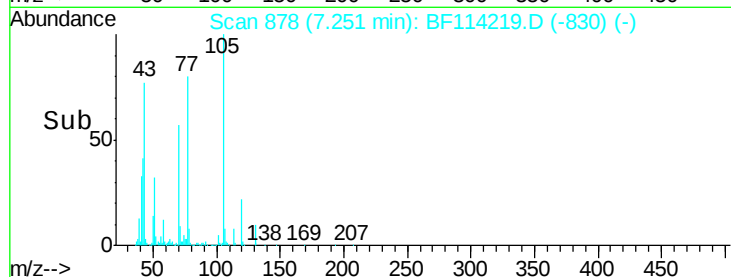
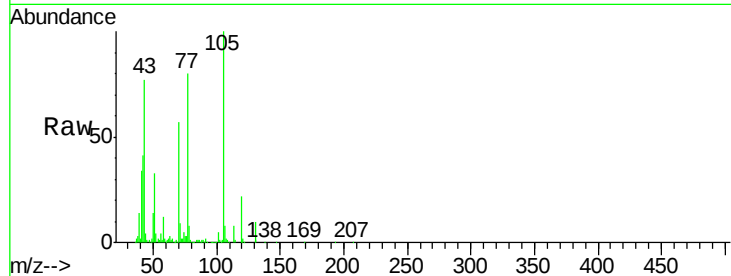
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#18
Hexachloroethane
Concen: 5.604 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	77.4	116.2	
201	92.2	74.5	111.7	





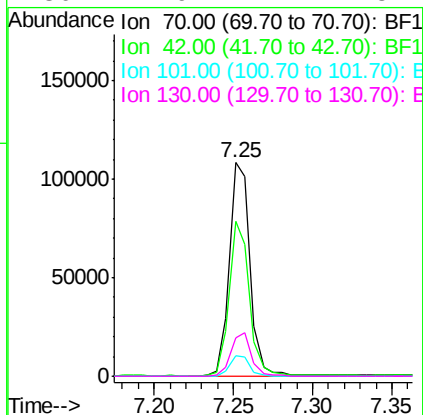
#19
n-Nitroso-di-n-propylamine
Concen: 8.896 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.2	58.6	87.8
101	9.6	7.8	11.8
130	17.9	17.1	25.7

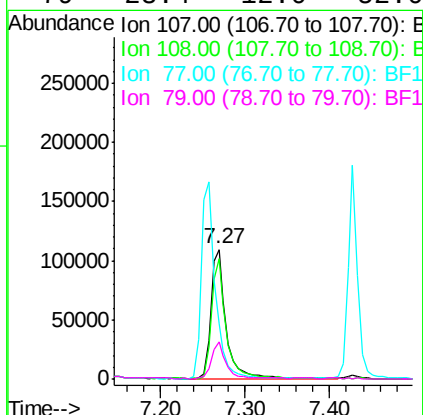
Manual Integrations
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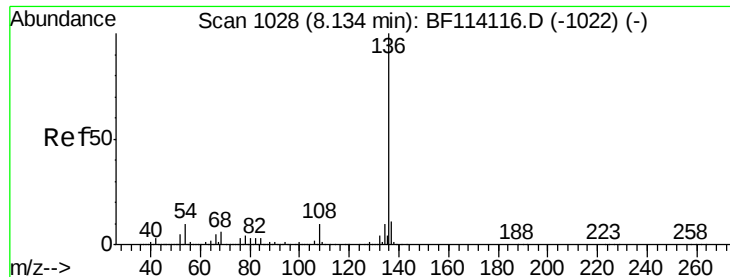
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#20
3+4-Methylphenols
Concen: 9.176 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	73.8	113.8
77	42.1	111.5	151.5#
79	28.4	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

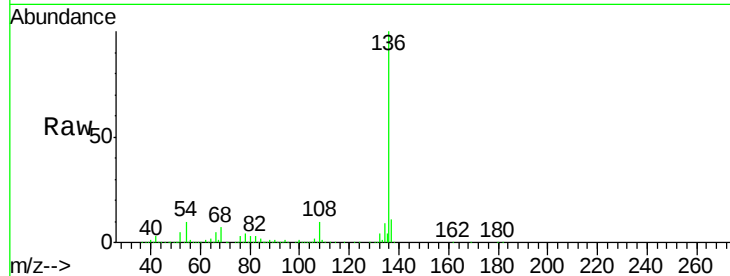
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	910391		
137	11.1	8.8	13.2	
54	9.5	7.8	11.8	
68	6.9	5.1	7.7	

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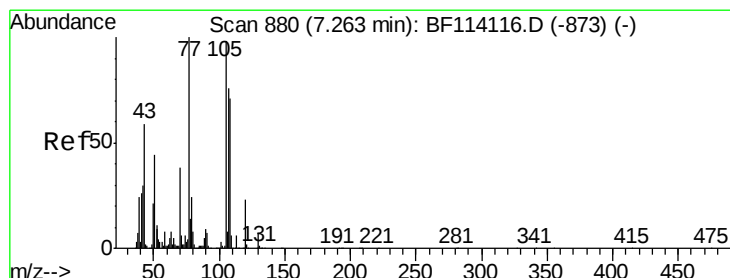
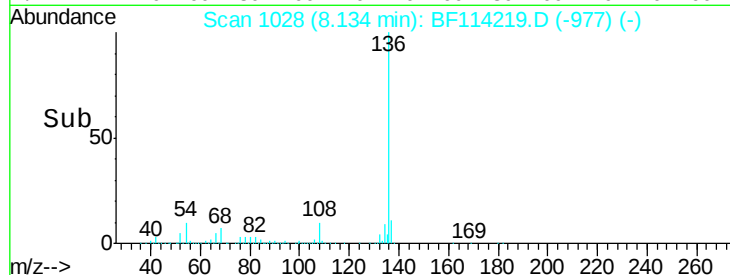
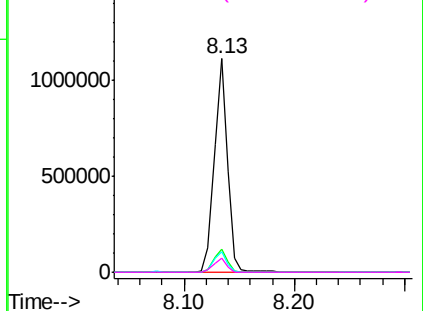


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.727 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

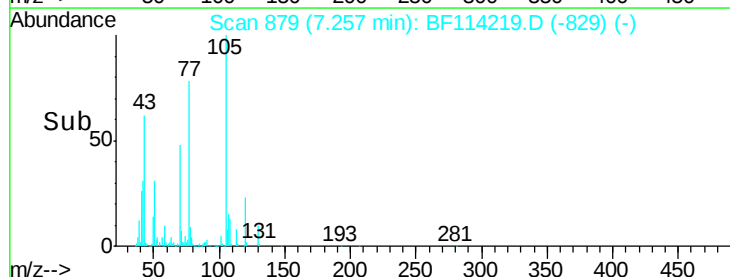
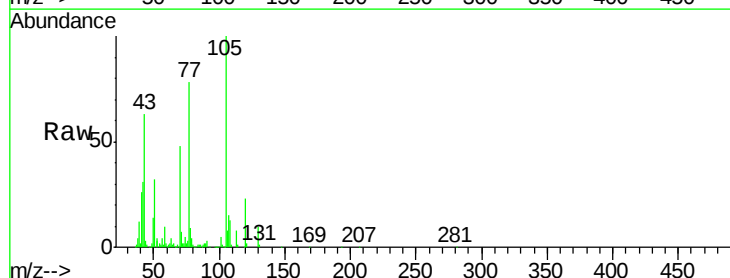
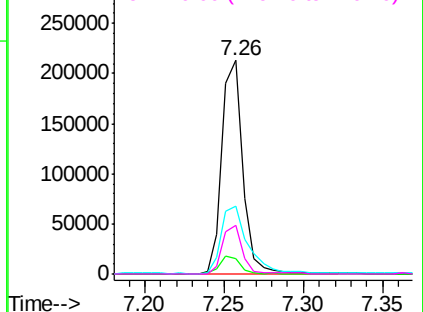
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	196185		
71	7.3	5.3	7.9	
51	31.5	36.2	54.4	
120	22.6	18.6	28.0	

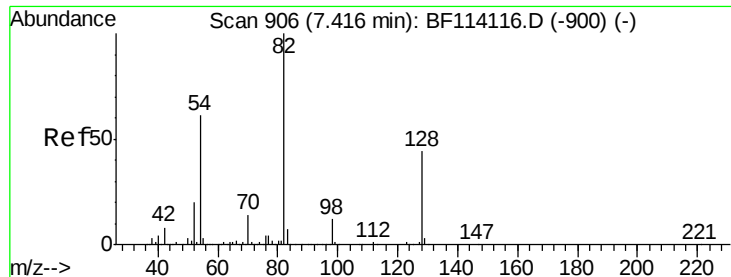
Abundance Ion 105.00 (104.70 to 105.70): E

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





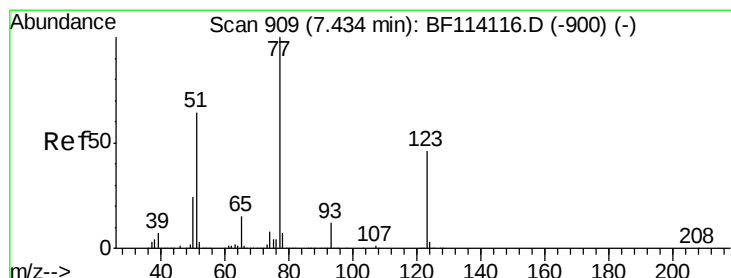
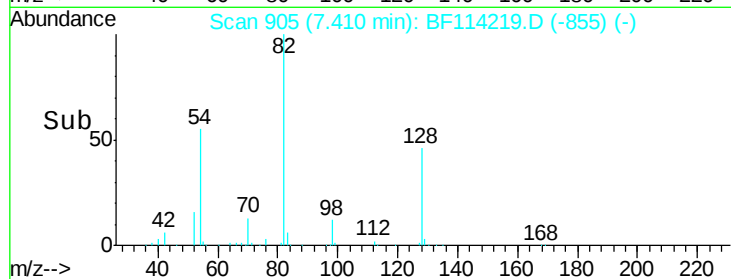
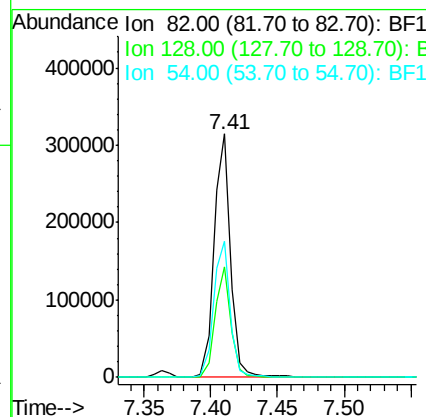
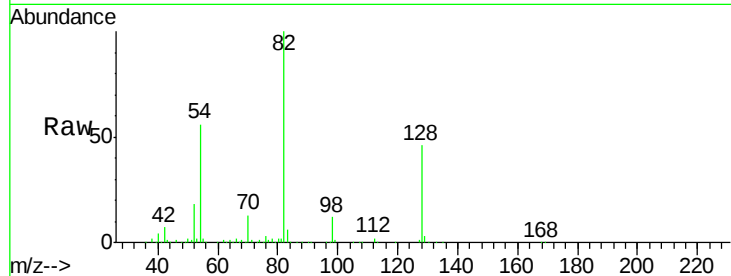
#23
 Nitrobenzene-d5
 Concen: 16.769 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	272028		
128	45.6	35.5	53.3	
54	55.8	48.5	72.7	

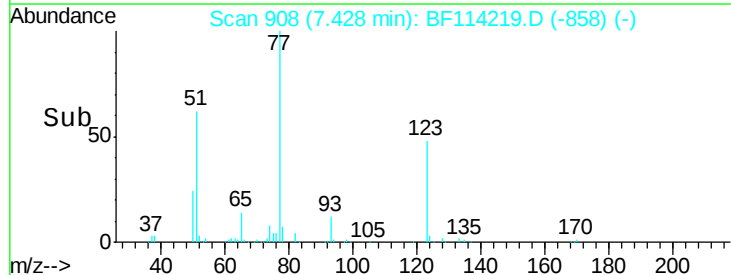
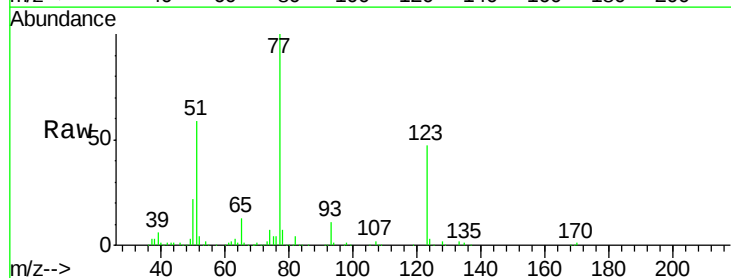
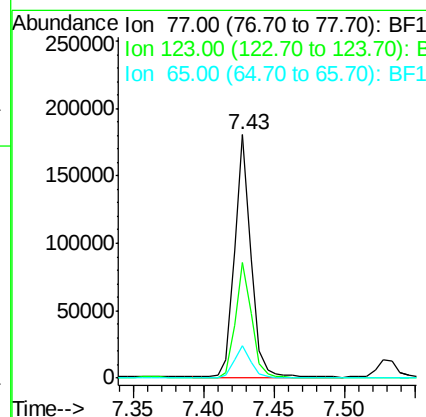
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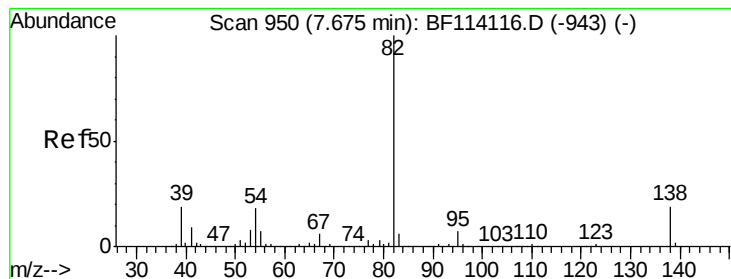
Sohil
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#24
 Nitrobenzene
 Concen: 8.790 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	145238		
123	47.4	36.9	55.3	
65	13.3	11.8	17.6	





#25

Isophorone

Concen: 8.508 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

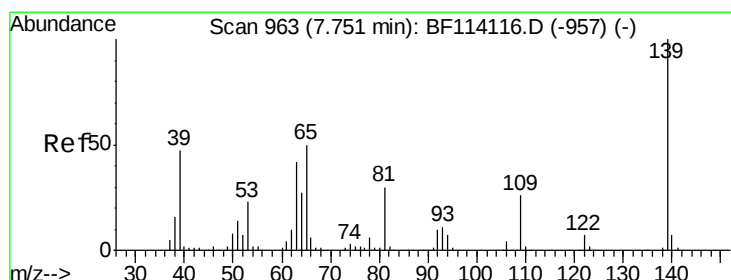
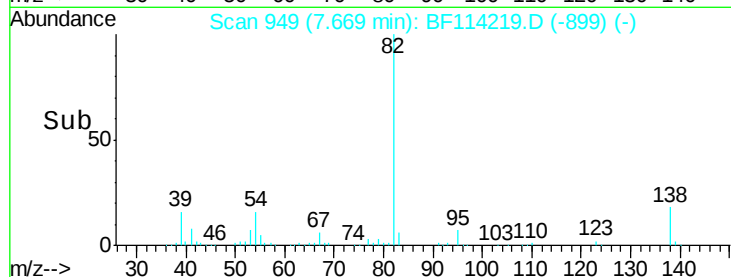
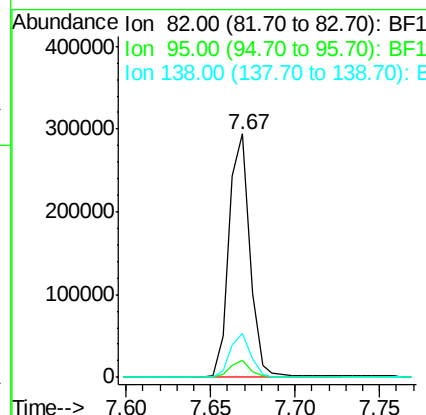
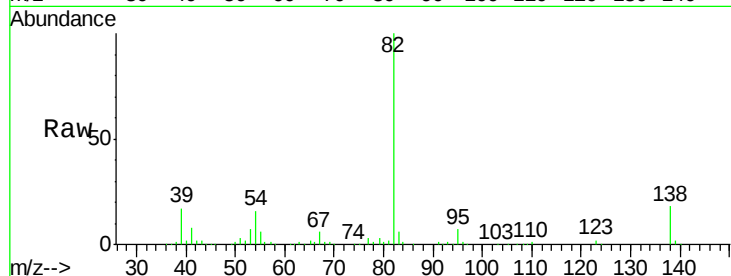
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	82	Resp:	255983
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.6	8.4
138	18.2	14.8	22.2

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#26

2-Nitrophenol

Concen: 8.329 ng

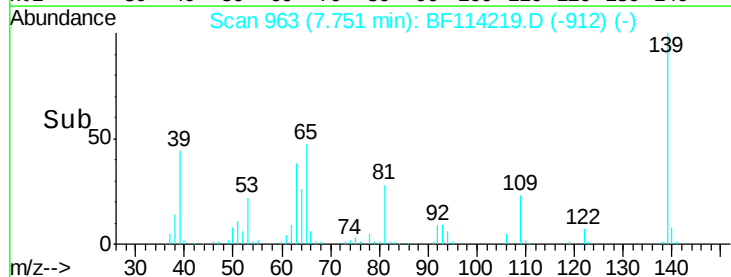
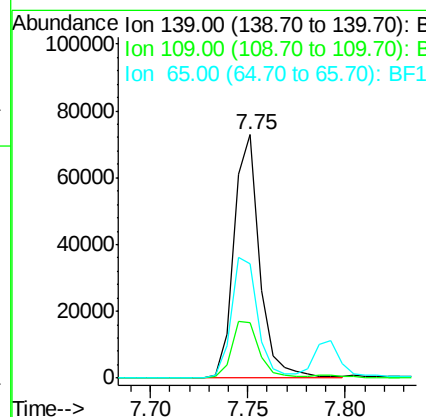
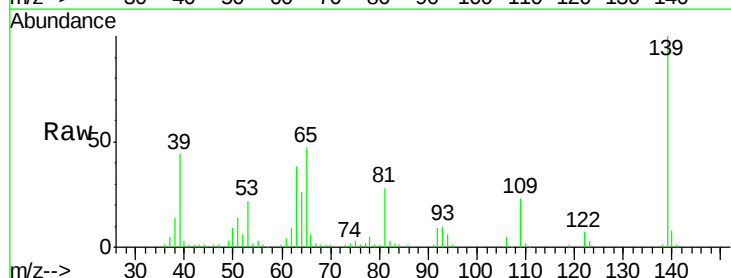
RT: 7.75 min Scan# 963

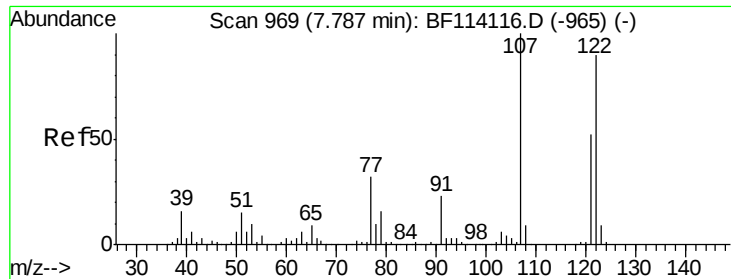
Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	139	Resp:	66762
Ion Ratio		Lower	Upper
139	100		
109	23.0	20.7	31.1
65	47.1	40.2	60.2





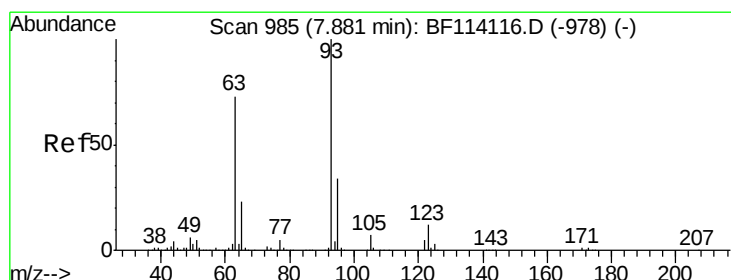
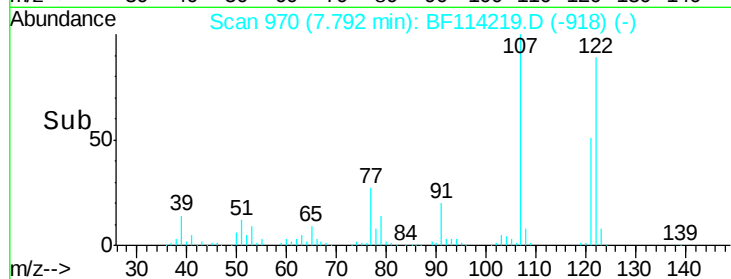
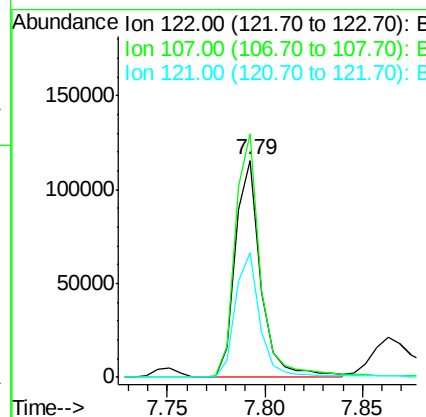
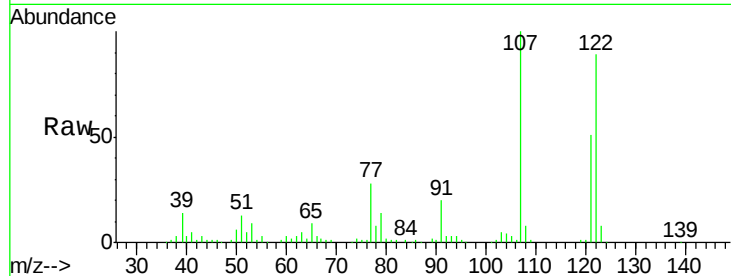
#27
2,4-Dimethylphenol
Concen: 8.347 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	112.2	88.4	132.6		
121	57.4	45.9	68.9		

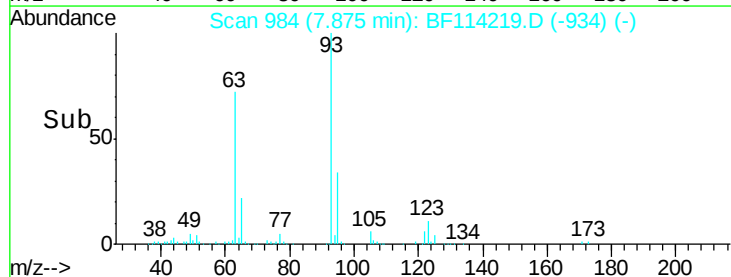
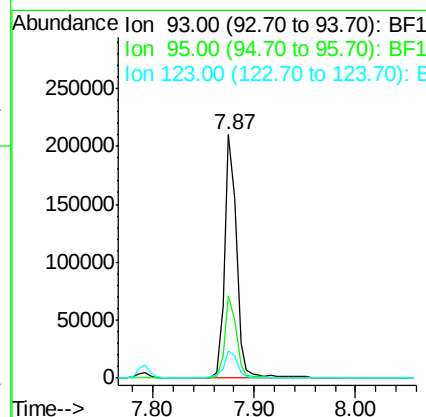
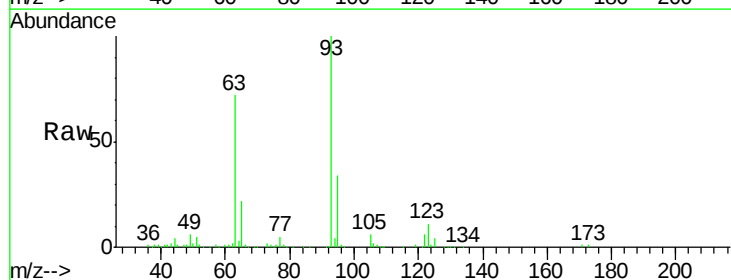
Manual Integrations
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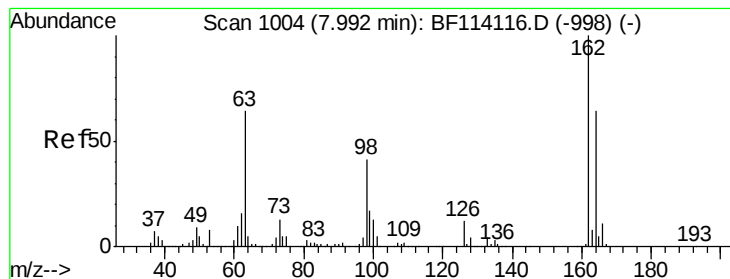
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 8.935 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.8	26.8	40.2		
123	11.1	9.5	14.3		





#29

2,4-Dichlorophenol

Concen: 8.551 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

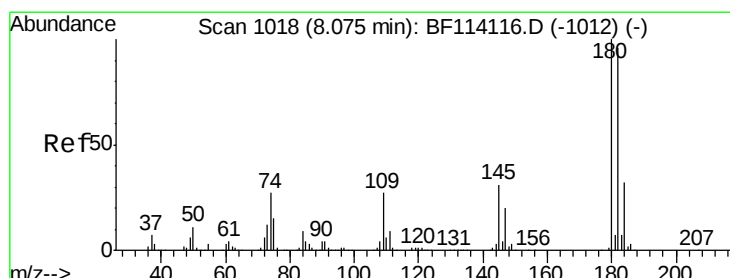
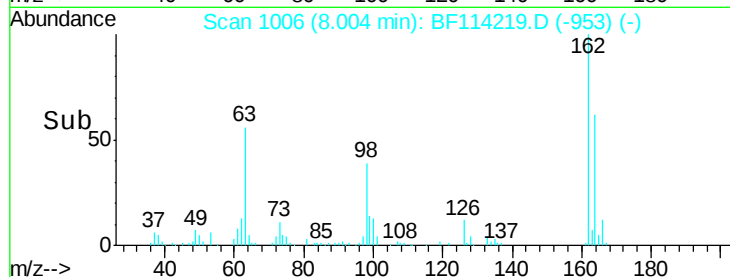
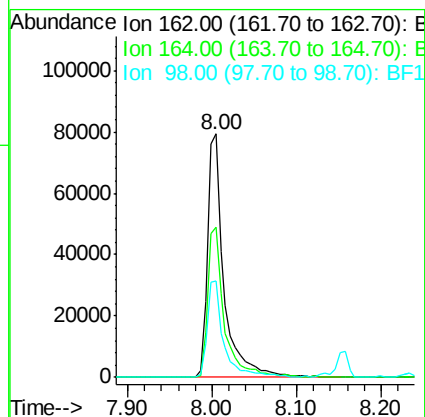
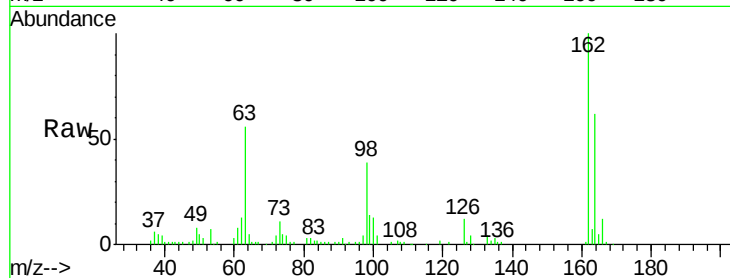
ClientSampleID :

P026-SS006-0002-01MSD

Tot Ion:	162	Resp:	107203
Ion Ratio	Lower	Upper	
162	100		
164	61.5	43.6	83.6
98	39.5	20.6	60.6

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#30

1,2,4-Trichlorobenzene

Concen: 8.325 ng

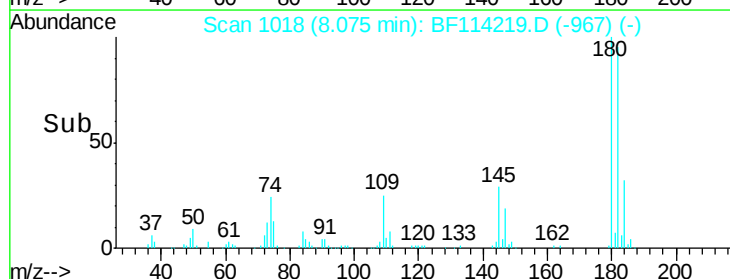
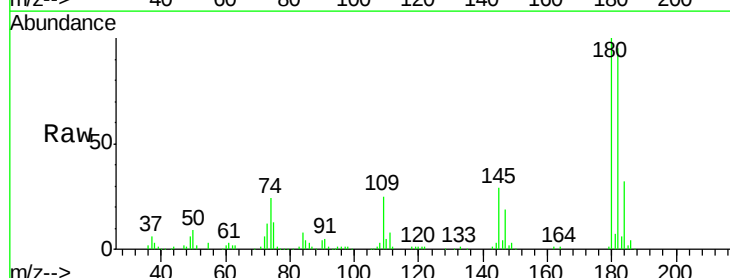
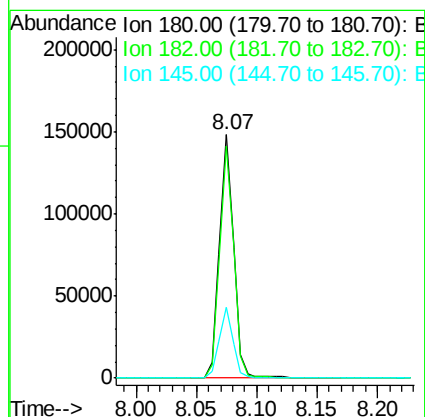
RT: 8.07 min Scan# 1018

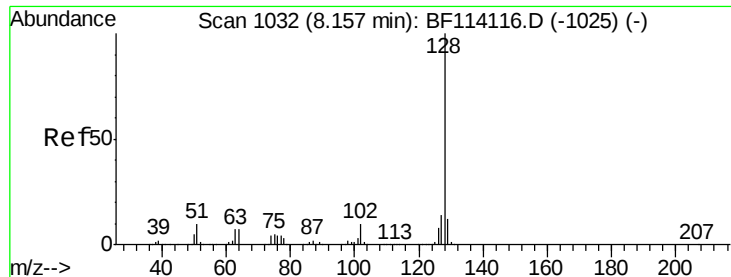
Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	180	Resp:	118682
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	114.8
145	29.0	25.1	37.7





#31

Naphthalene

Concen: 13.384 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

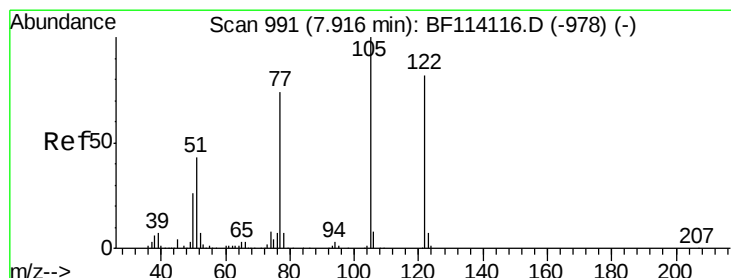
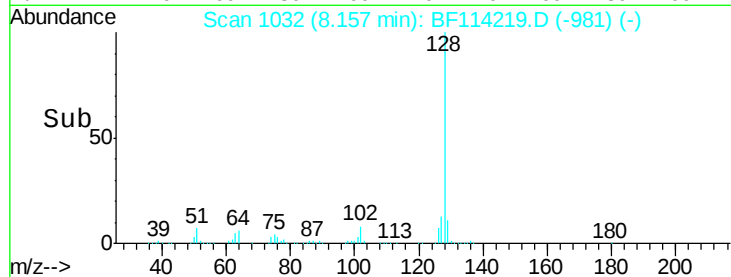
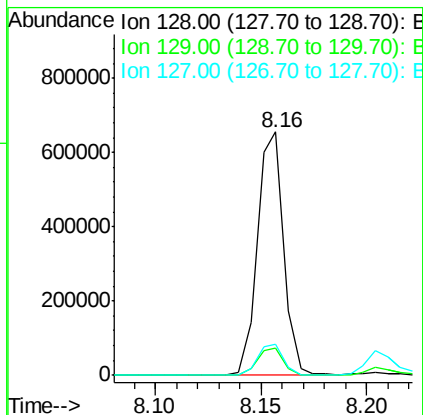
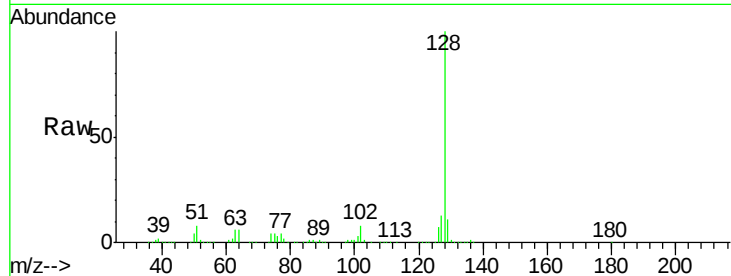
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	128	Resp:	569159
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.6	14.4
127	12.9	11.3	16.9

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#32

Benzoic acid

Concen: 11.151 ng

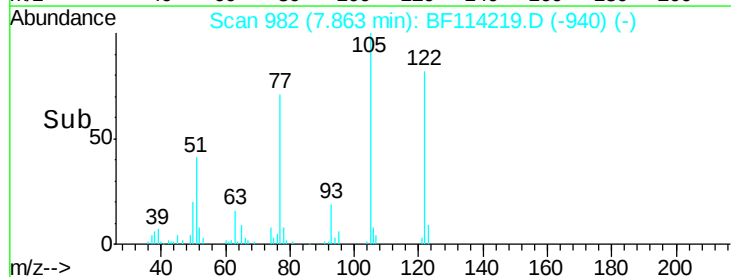
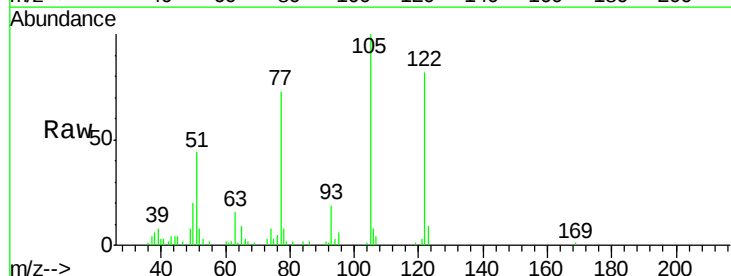
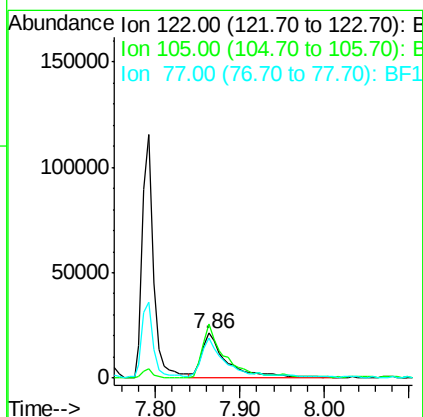
RT: 7.86 min Scan# 982

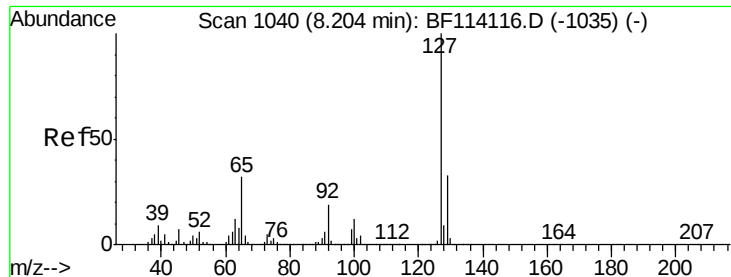
Delta R.T. -0.05 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	122	Resp:	43427
Ion Ratio	Lower	Upper	
122	100		
105	122.0	99.9	139.9
77	89.6	69.4	109.4





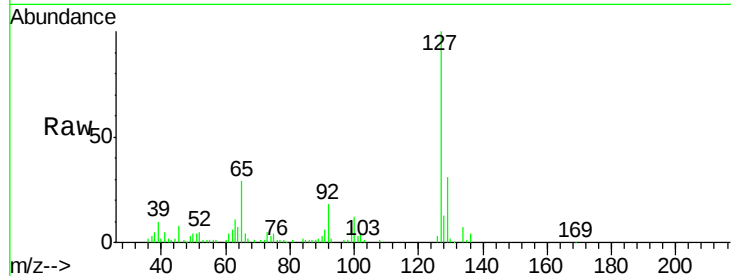
#33
4-Chloroaniline
Concen: 3.783 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

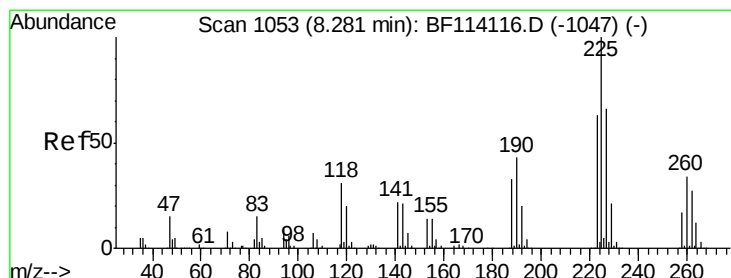
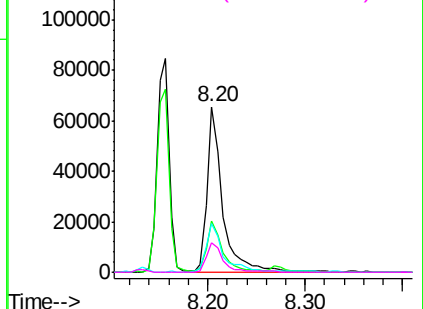
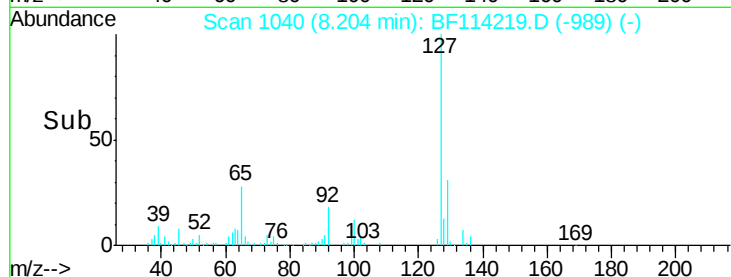
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		73318		
129	30.8	26.7	40.1		
65	29.2	25.4	38.0		
92	18.2	15.4	23.2		

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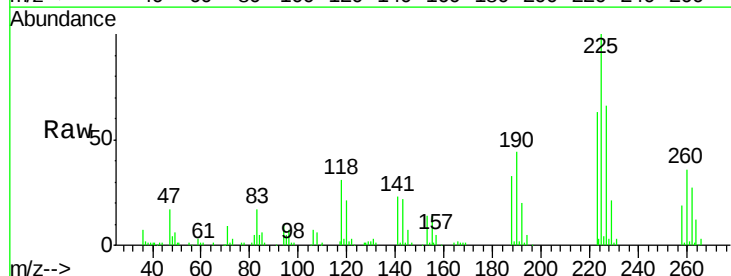


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

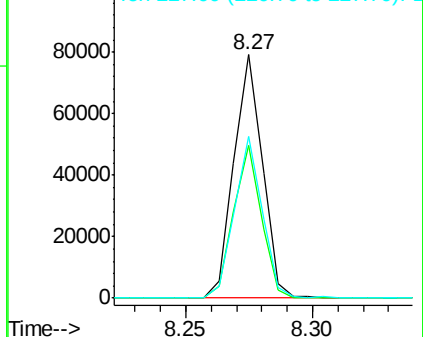
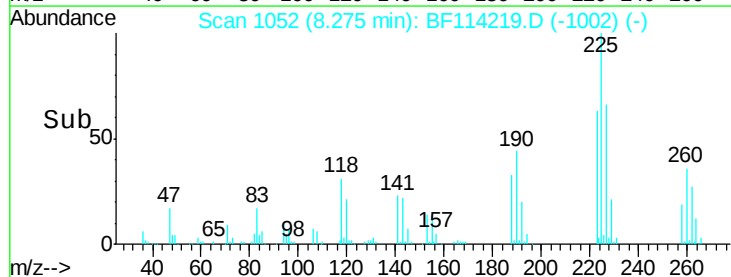


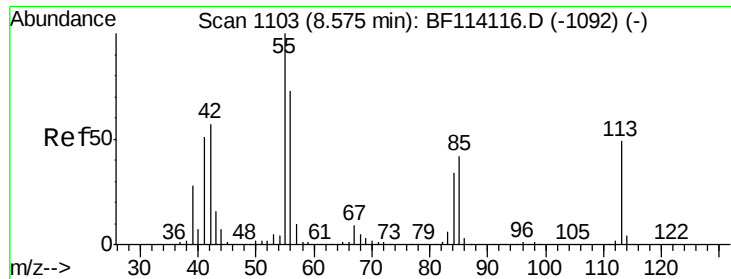
#34
Hexachlorobutadiene
Concen: 7.607 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		61700		
223	62.9	50.2	75.2		
227	66.2	52.6	79.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





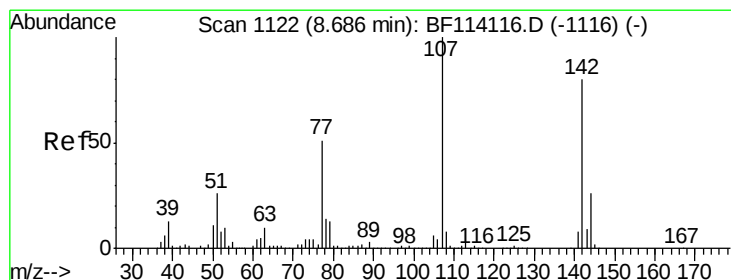
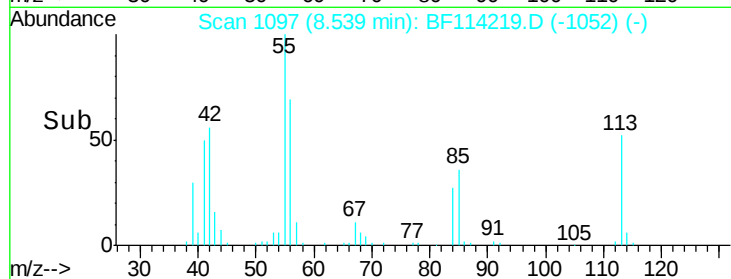
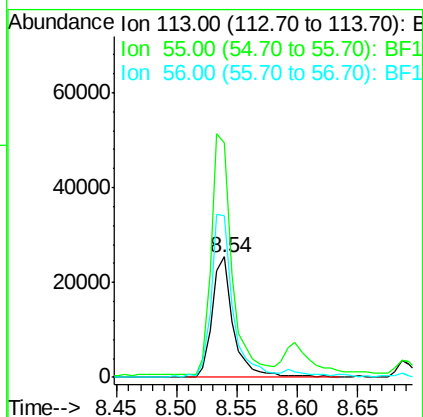
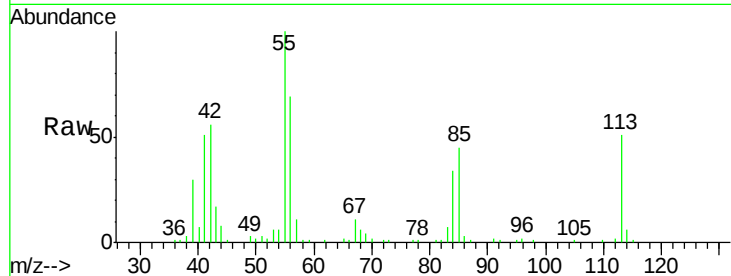
#35
Caprolactam
Concen: 7.501 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.04 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.3	183.5	223.5
56	134.0	128.8	168.8

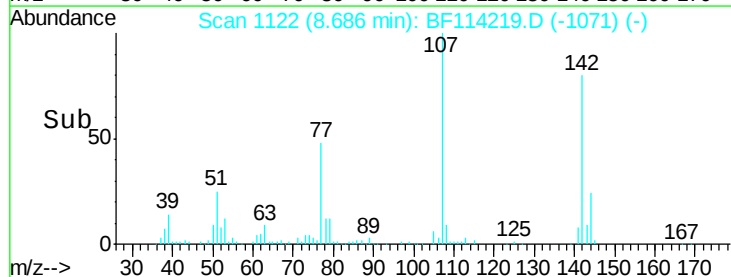
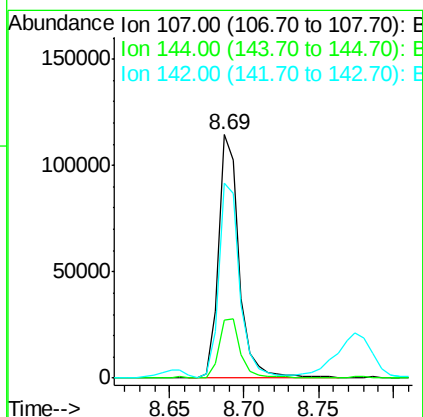
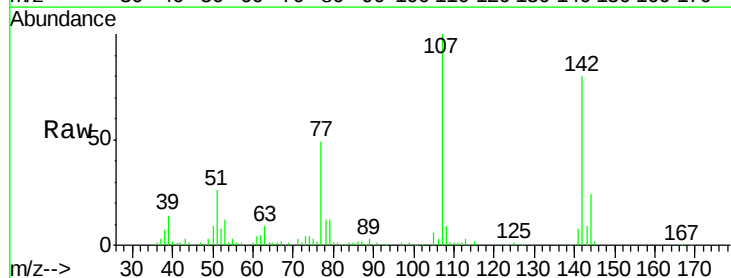
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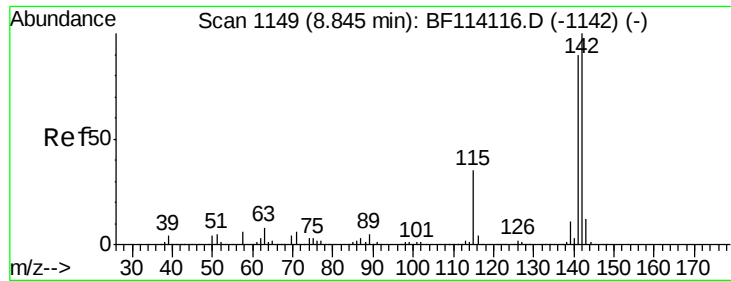
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#36
4-Chloro-3-methylphenol
Concen: 8.827 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.4	30.6
142	80.1	64.2	96.4





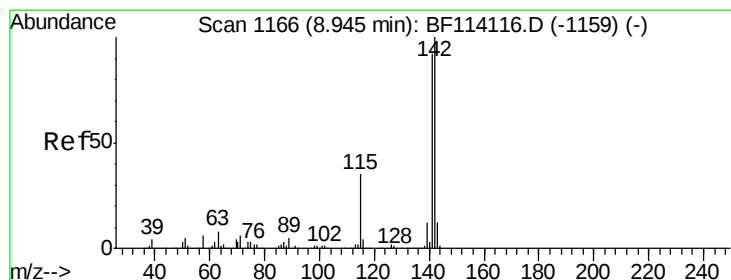
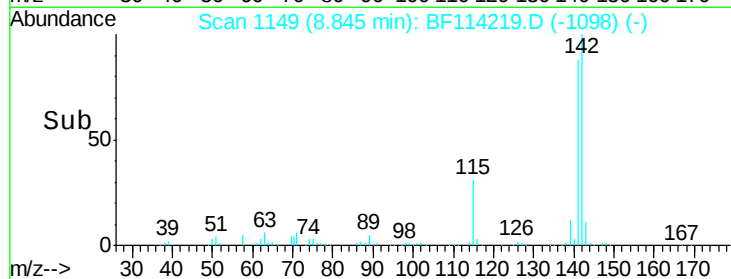
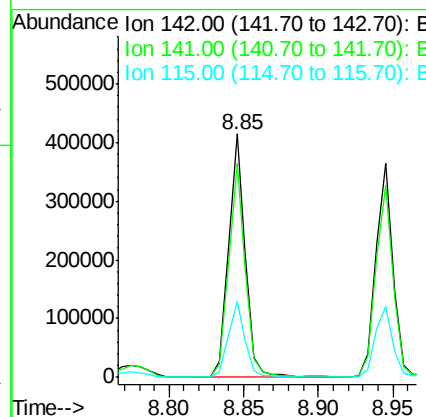
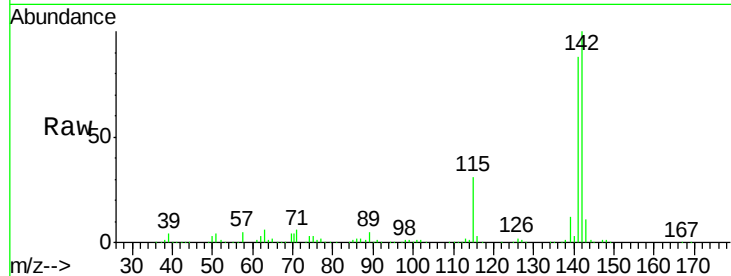
#37
 2-Methylnaphthalene
 Concen: 11.996 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.1	108.1
115	31.4	28.0	42.0

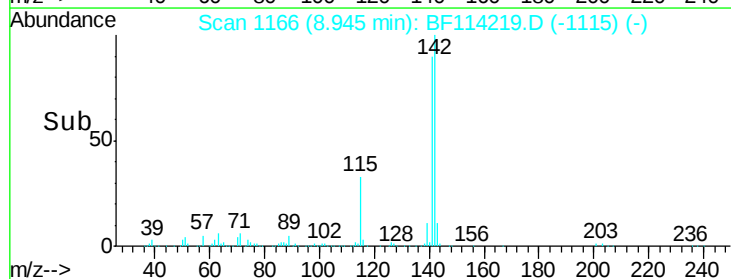
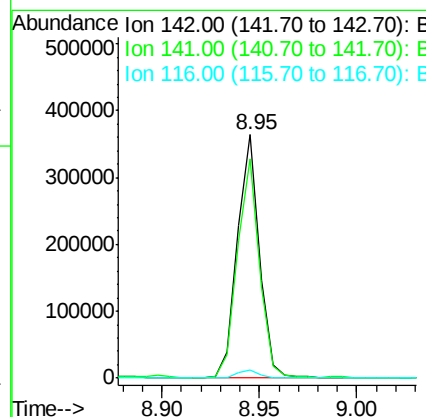
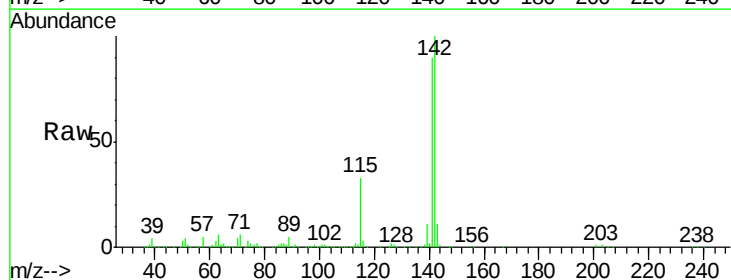
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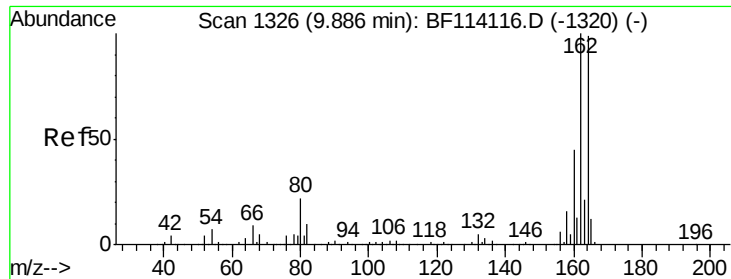
Sohil
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#38
 1-Methylnaphthalene
 Concen: 10.990 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.4	110.0
116	3.5	3.1	4.7





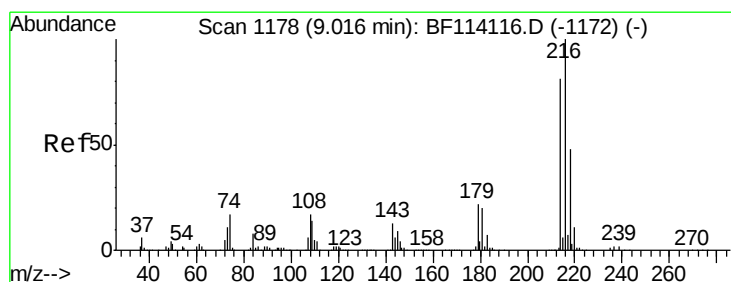
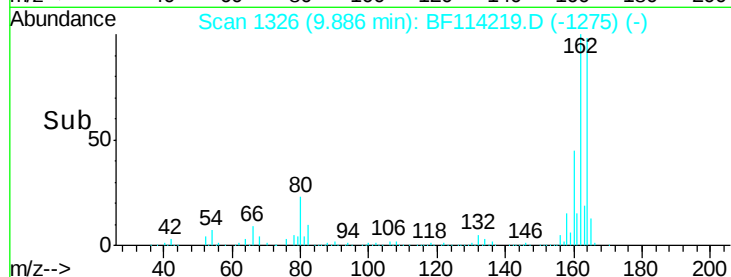
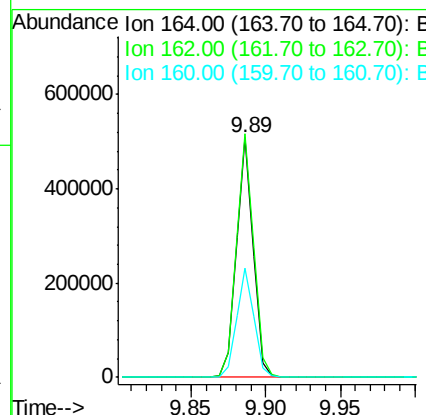
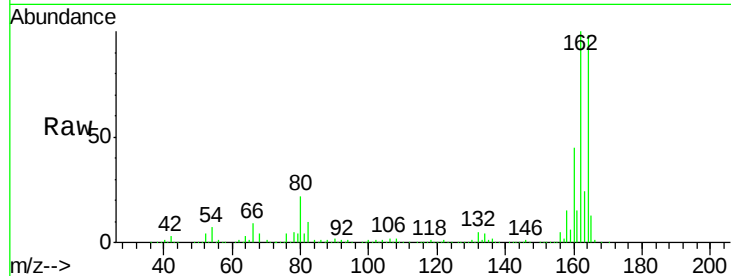
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	80.6	120.8	
160	45.7	36.5	54.7	

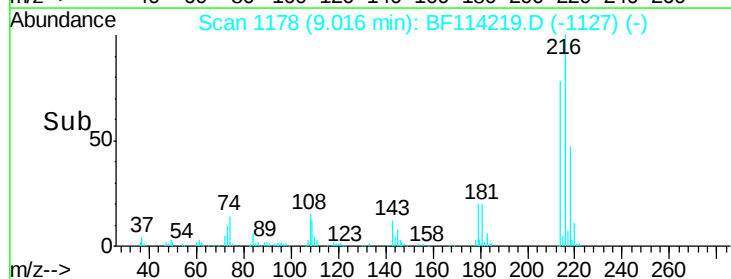
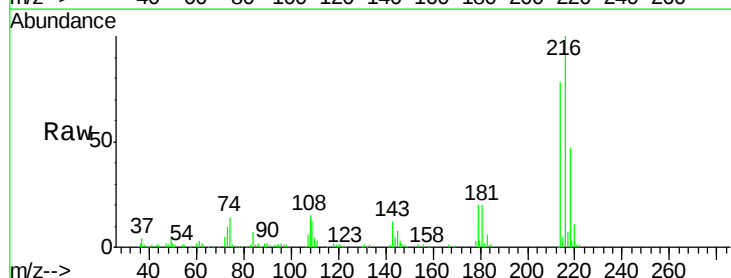
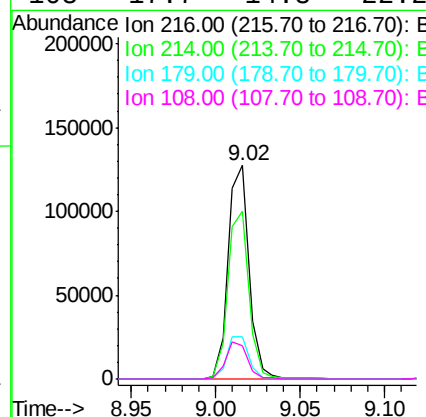
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.911 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.9	95.9	
179	20.8	17.0	25.6	
108	17.7	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 4.551 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

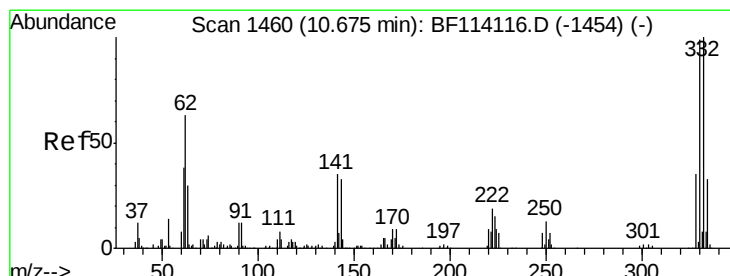
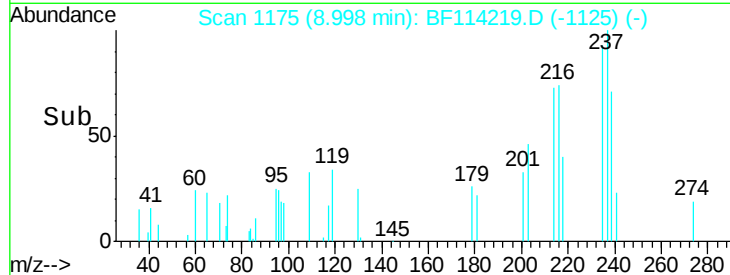
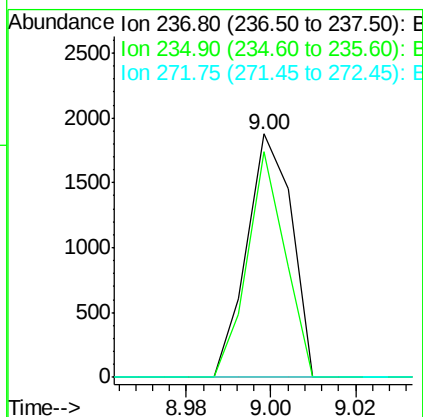
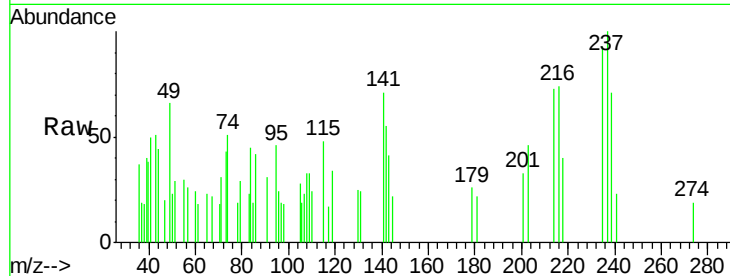
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	237	Resp:	1389
Ion Ratio	Lower	Upper	
237	100		
235	92.7	42.0	82.0#
272	0.0	0.0	32.4

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#42

2,4,6-Tribromophenol

Concen: 18.130 ng

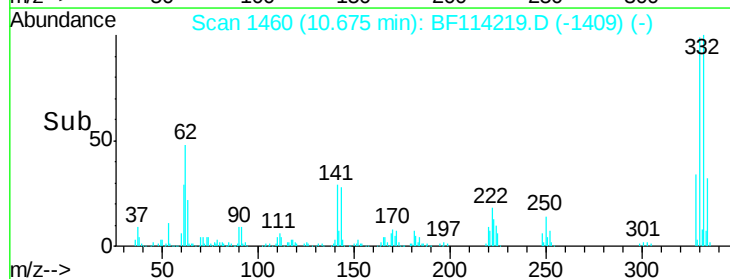
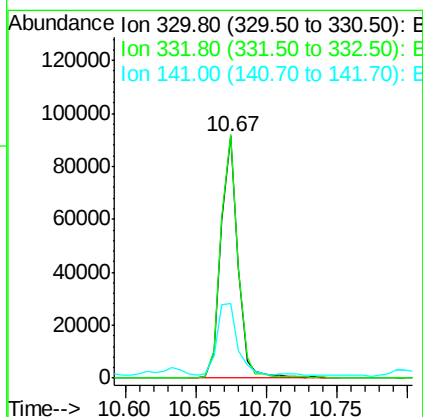
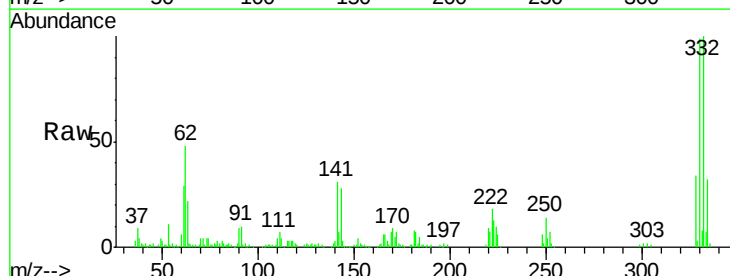
RT: 10.67 min Scan# 1460

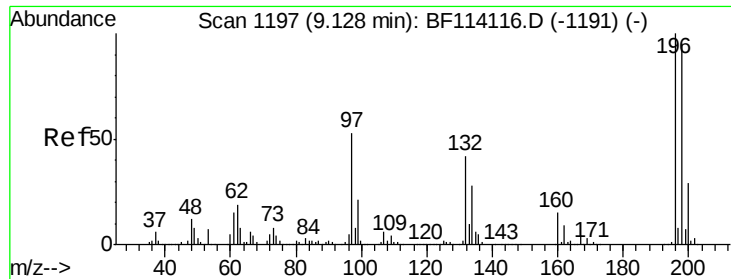
Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	330	Resp:	76694
Ion Ratio	Lower	Upper	
330	100		
332	101.2	81.4	122.2
141	34.8	26.6	40.0





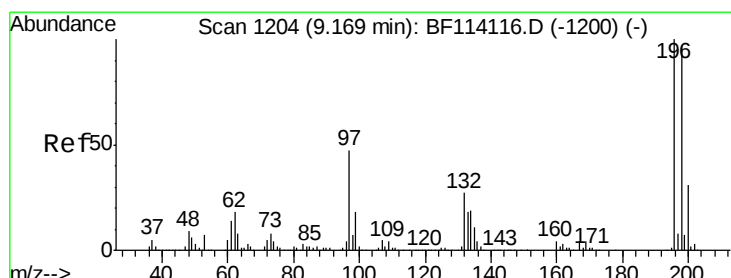
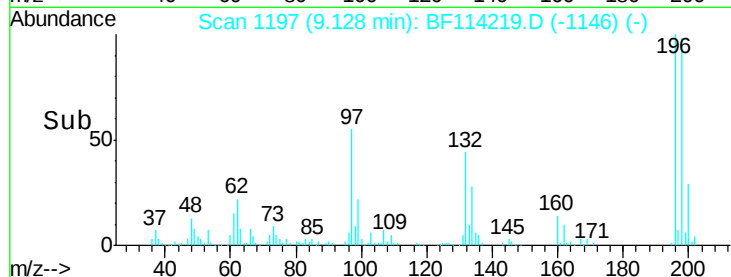
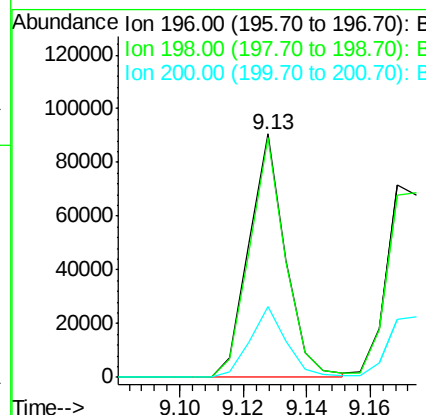
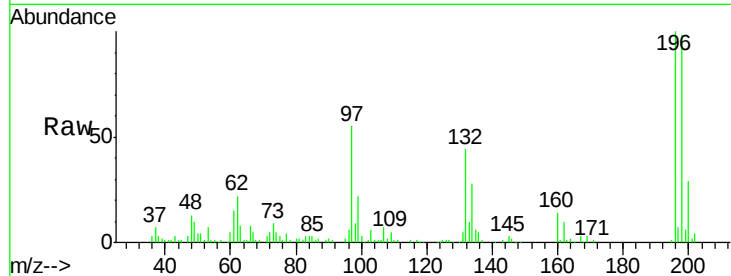
#43
 2,4,6-Trichlorophenol
 Concen: 8.460 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion:	196	Resp:	72127
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.9	113.9
200	29.3	23.5	35.3

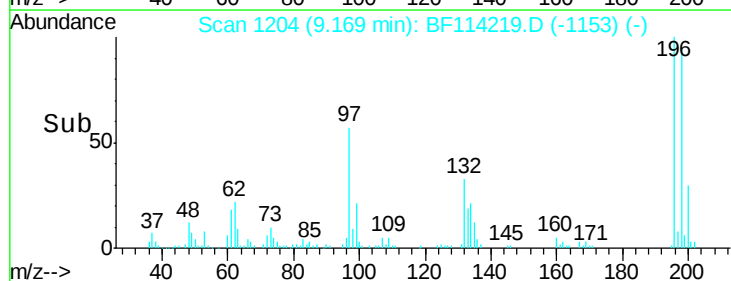
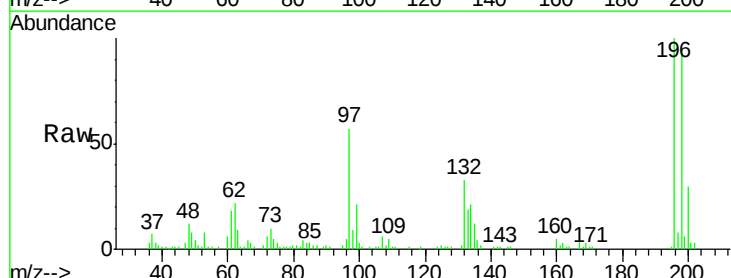
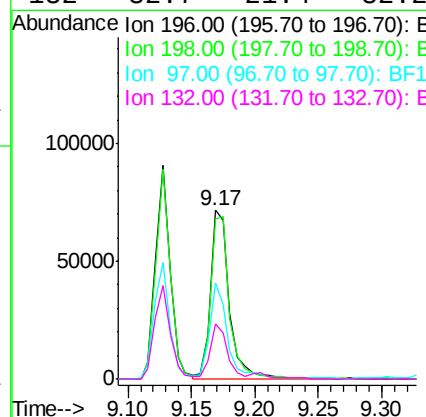
Manual Integrations
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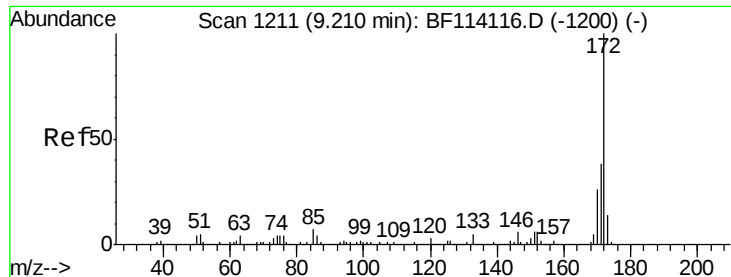
Sohil
 5/13/2019 8:37:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 8.632 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:	196	Resp:	75477
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.7	116.5
97	57.1	38.2	57.2
132	32.7	21.4	32.2#





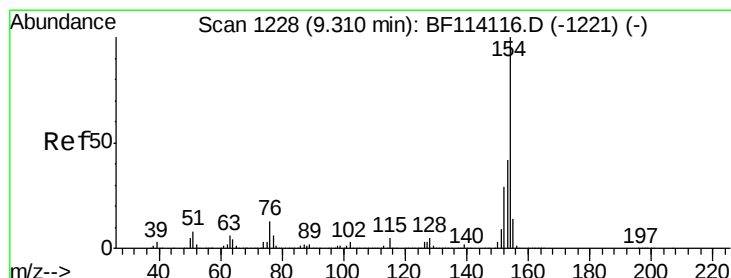
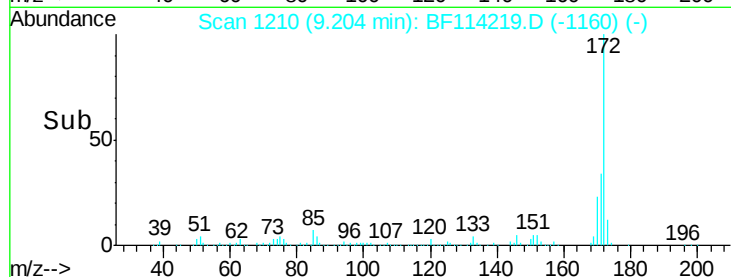
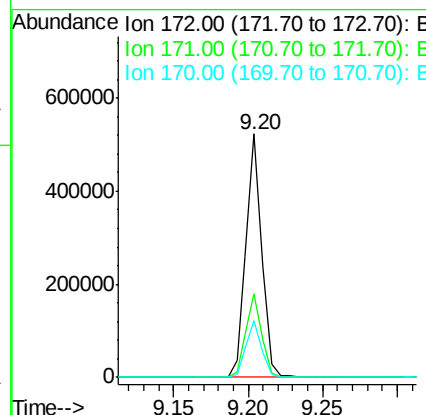
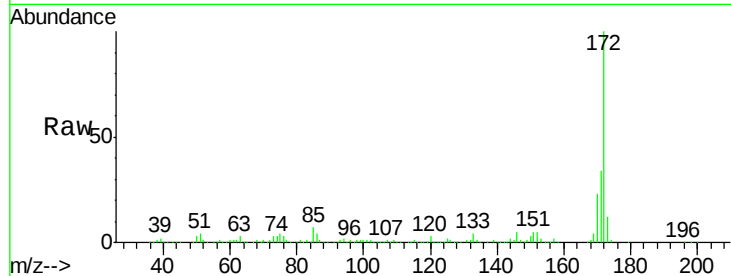
#45
2-Fluorobiphenyl
Concen: 14.341 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	387936		
171	34.1		30.7	46.1
170	23.1		20.5	30.7

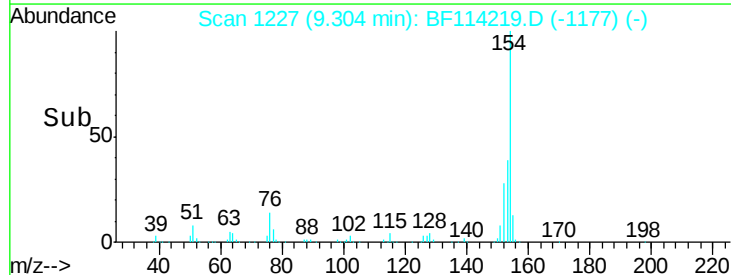
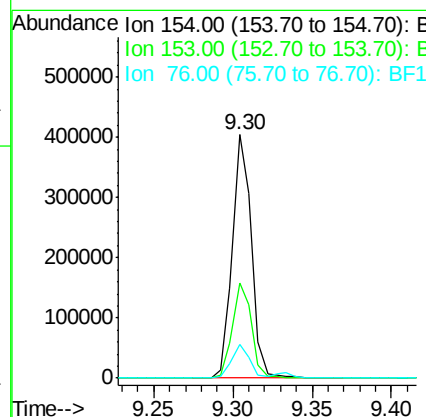
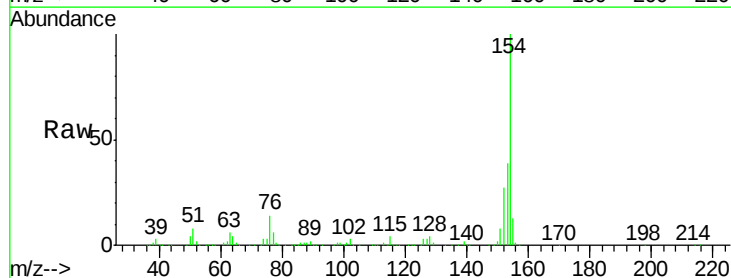
Manual Integrations
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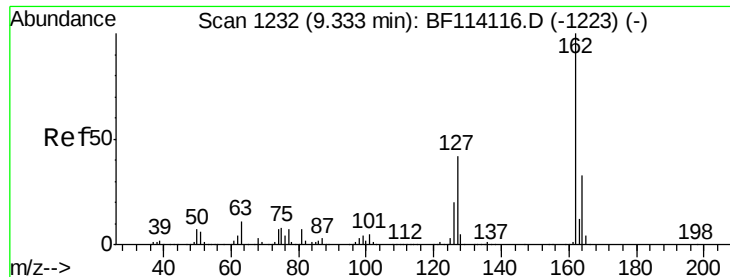
Sohil
5/13/2019 8:37:54 PM



#46
1,1'-Biphenyl
Concen: 10.193 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	336935		
153	39.3		21.9	61.9
76	13.9		0.0	32.8





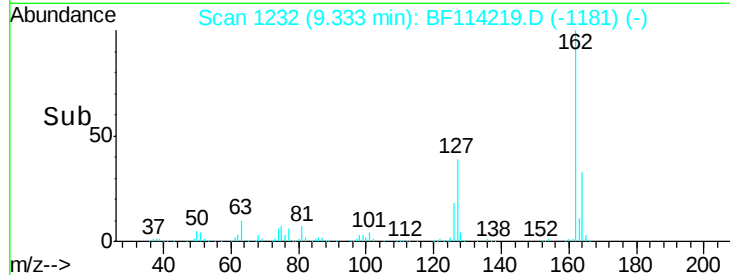
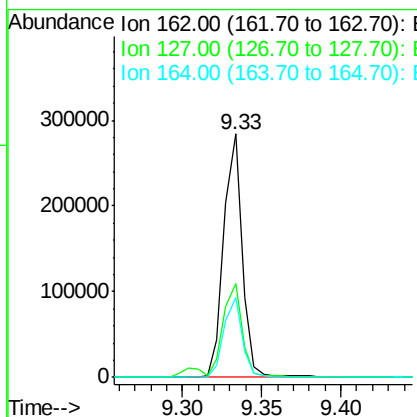
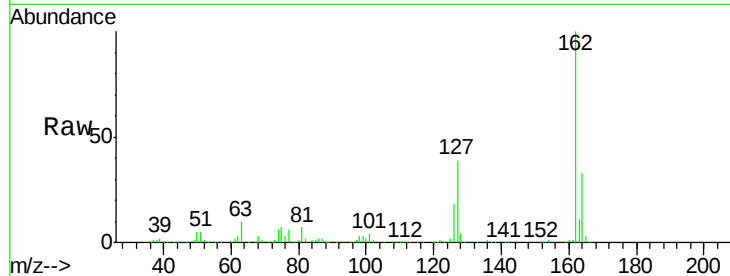
#47
 2-Chloronaphthalene
 Concen: 8.683 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion:	162	Resp:	230999
Ion Ratio		Lower	Upper
162	100		
127	38.7	34.0	51.0
164	32.9	26.7	40.1

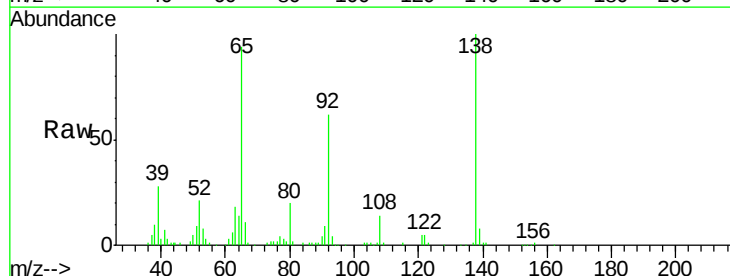
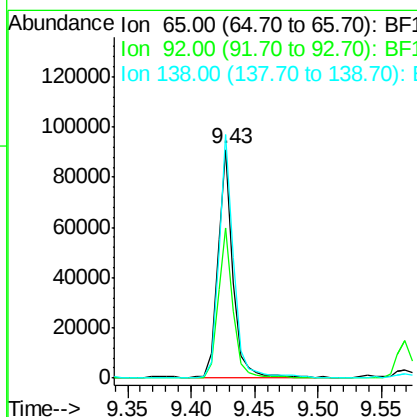
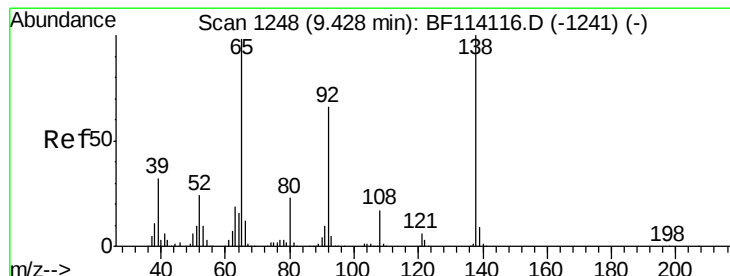
Manual Integrations
 APPROVED

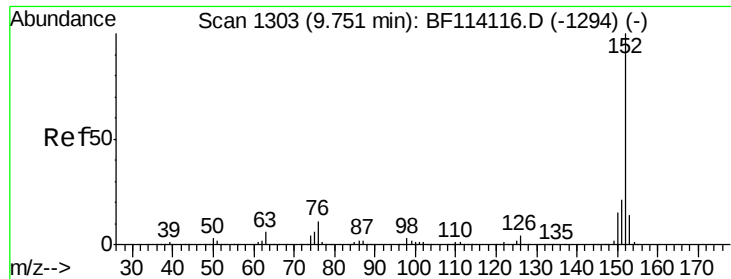
Sohil
 5/13/2019 8:37:54 PM



#48
 2-Nitroaniline
 Concen: 8.134 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:	65	Resp:	76738
Ion Ratio		Lower	Upper
65	100		
92	65.8	53.9	80.9
138	106.5	81.4	122.0





#49

Acenaphthylene

Concen: 15.965 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

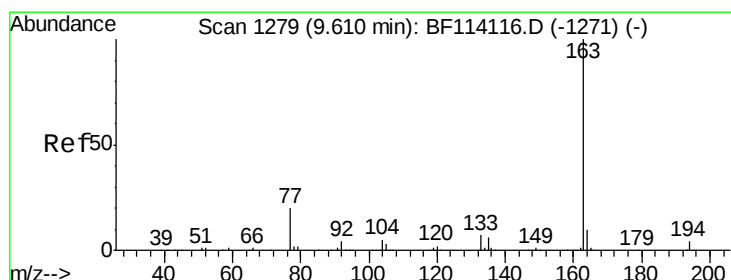
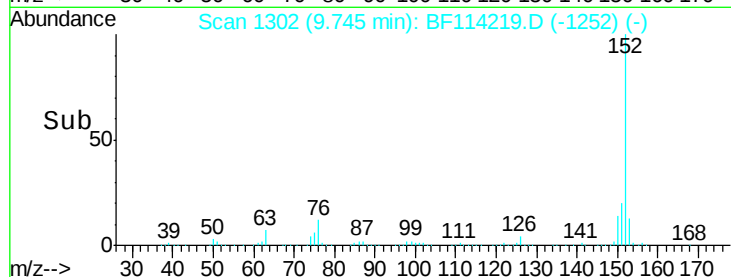
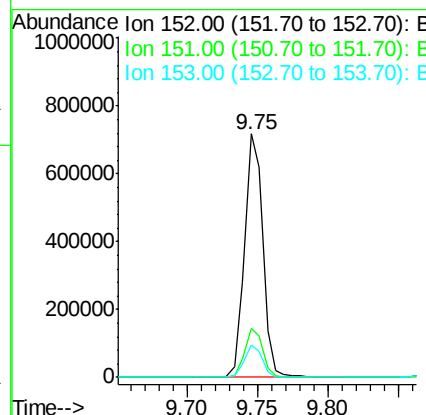
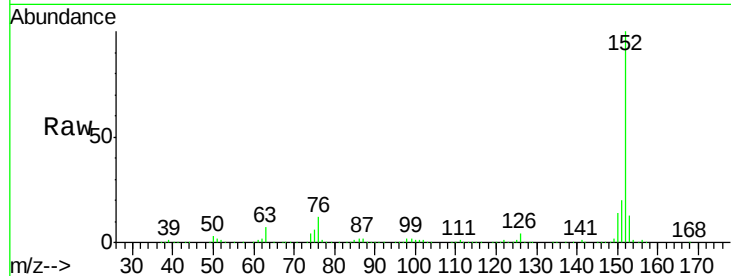
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	152	Resp:	645973
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.8	25.2
153	13.3	11.4	17.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 11.076 ng

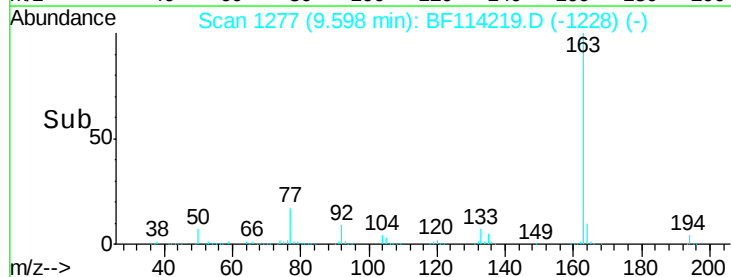
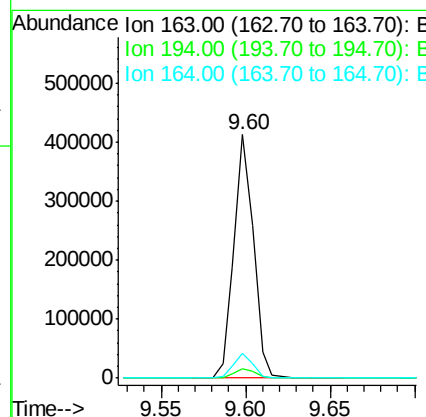
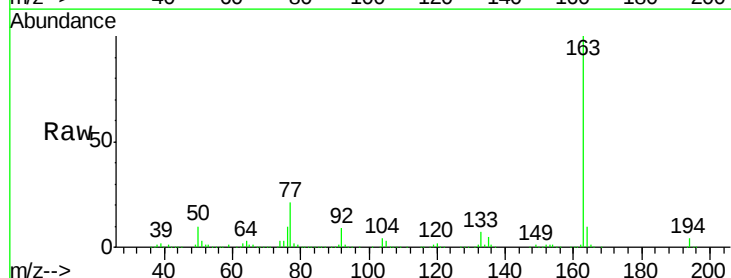
RT: 9.60 min Scan# 1277

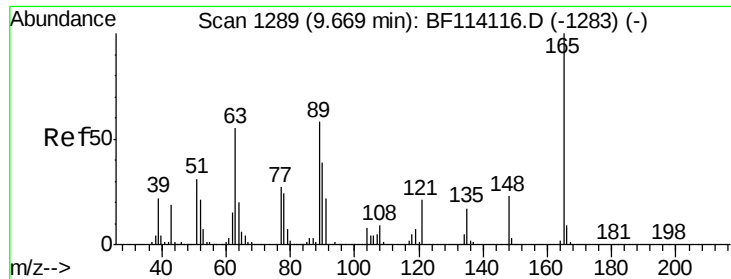
Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	163	Resp:	332692
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.4	5.0
164	9.9	8.2	12.2





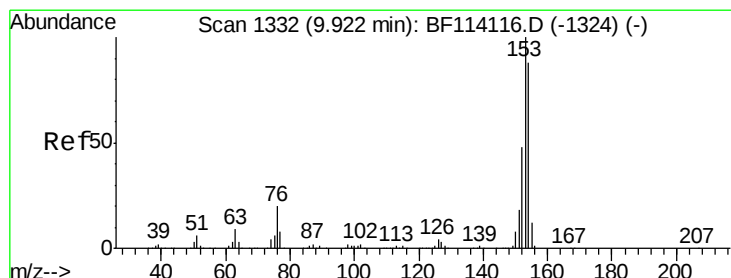
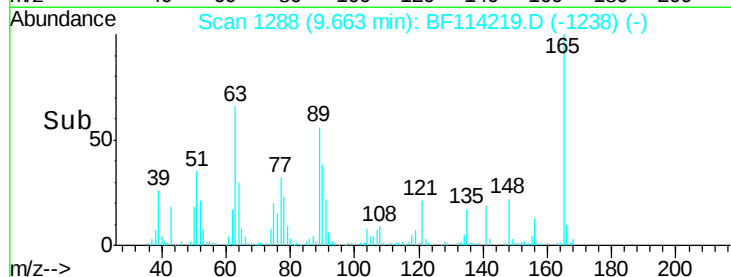
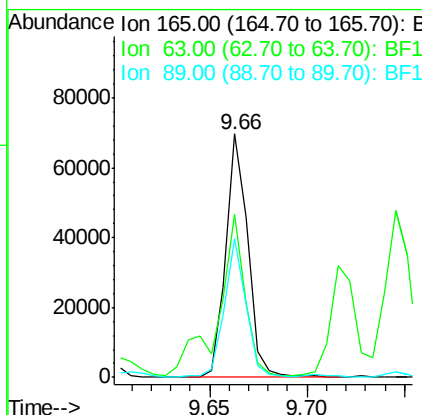
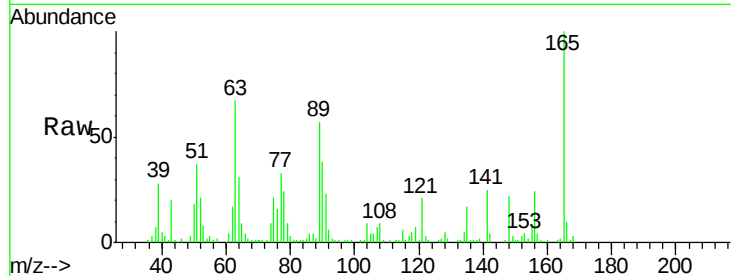
#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	54731		
63	67.1	50.2	75.4	
89	56.8	46.6	69.8	

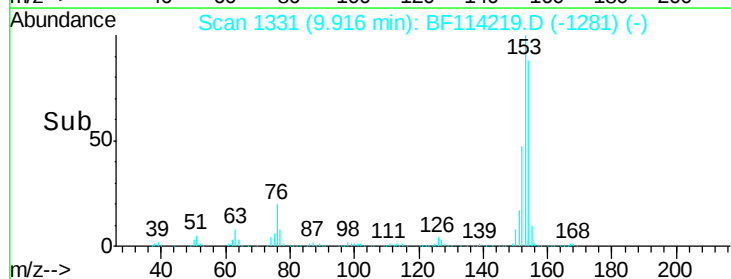
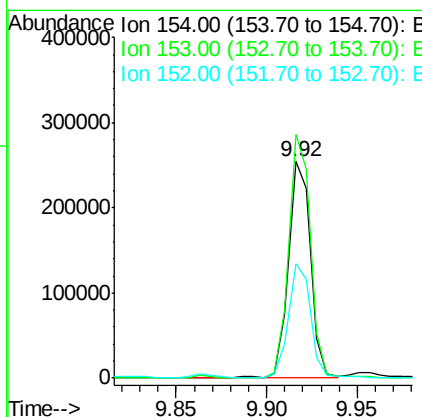
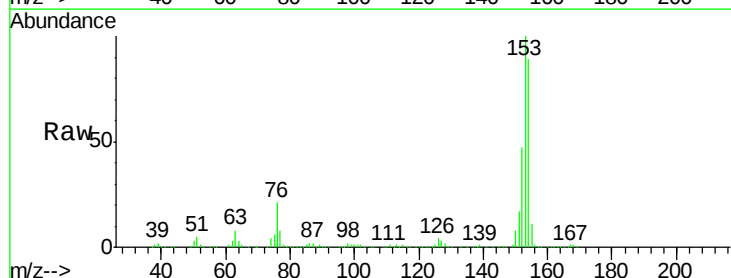
Manual Integrations
APPROVED

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5/13/2019 8:37:54 PM



#52
Acenaphthene
Concen: 8.739 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	216994		
153	112.7	90.5	135.7	
152	52.8	43.4	65.2	





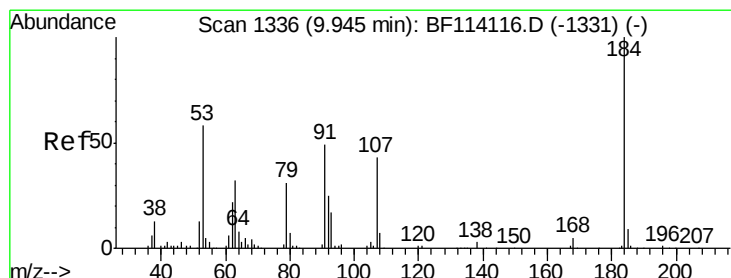
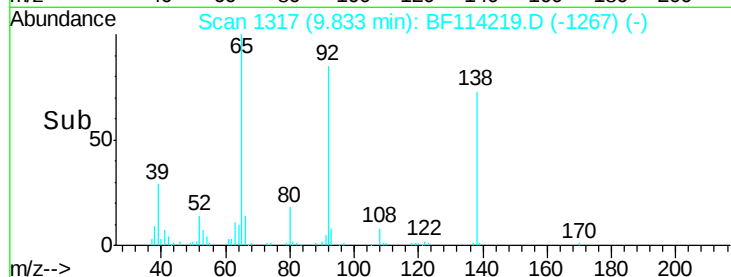
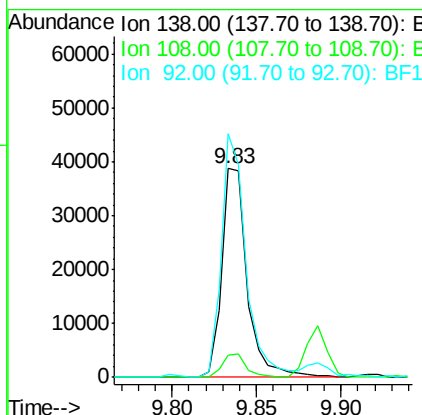
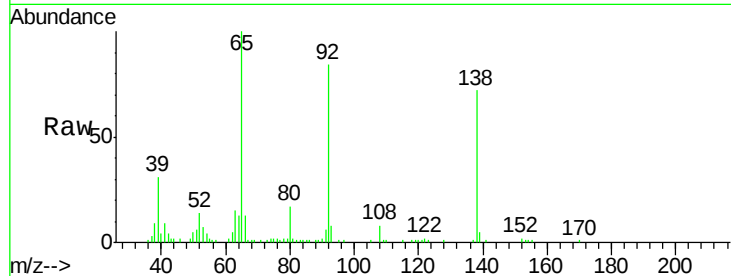
#53
3-Nitroaniline
Concen: 4.941 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.6
92	116.6	91.2	136.8

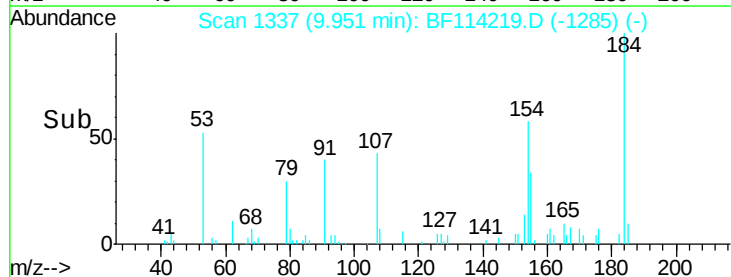
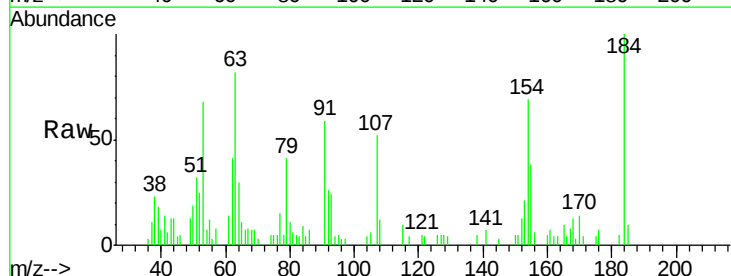
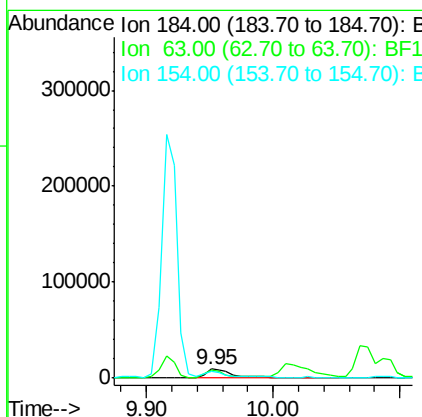
Manual Integrations
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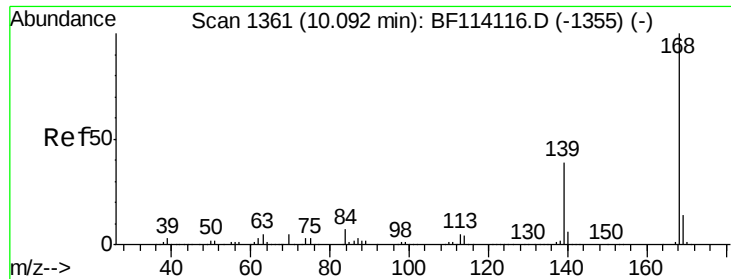
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#54
2,4-Dinitrophenol
Concen: 10.872 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.8	55.6	83.4
154	69.3	46.0	69.0#





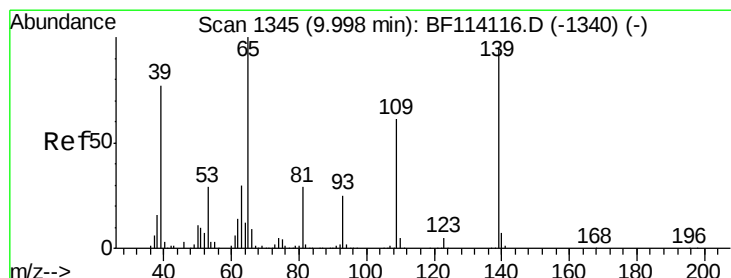
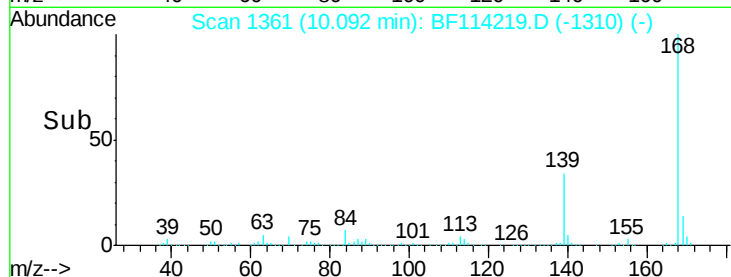
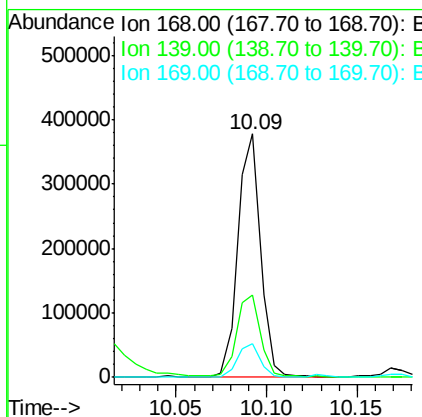
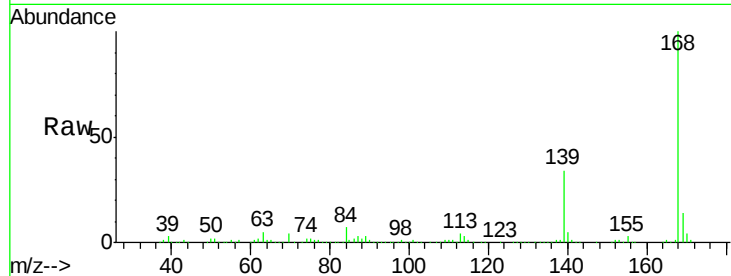
#55
Dibenzenofuran
Concen: 8.980 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.6	31.1	46.7
169	13.7	11.4	17.0

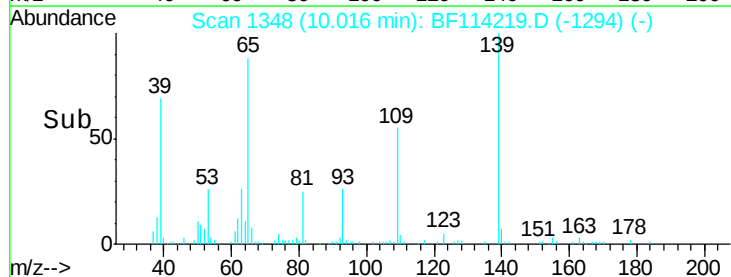
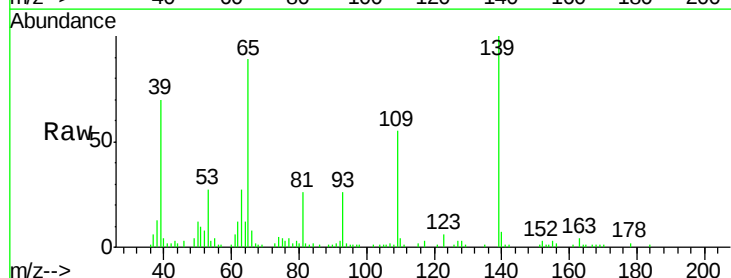
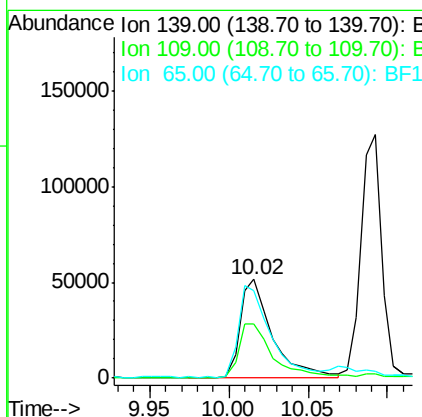
Manual Integrations
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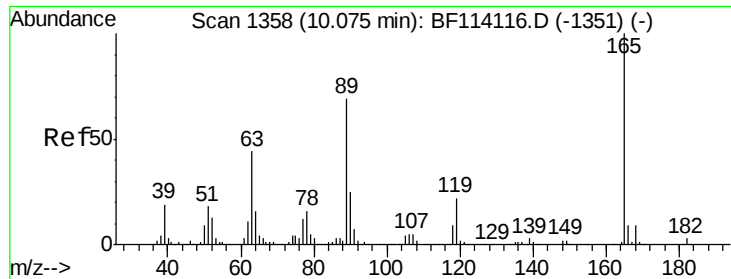
Sohil
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#56
4-Nitrophenol
Concen: 12.412 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.4	43.9	83.9
65	89.0	85.7	125.7





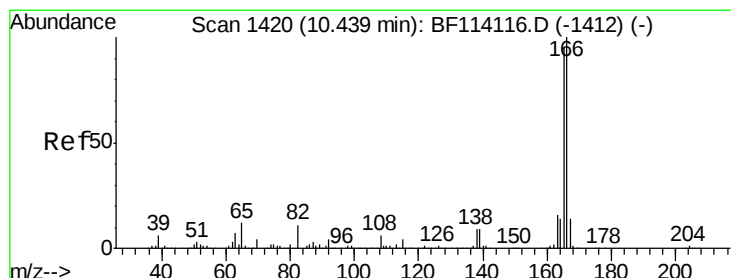
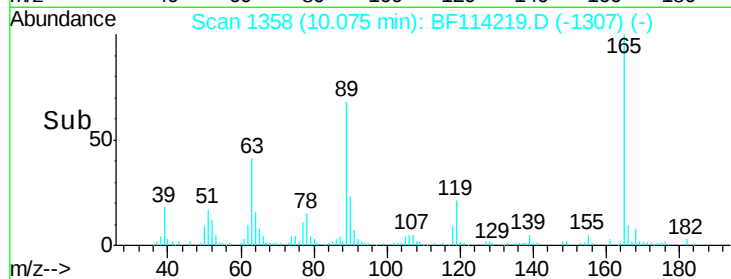
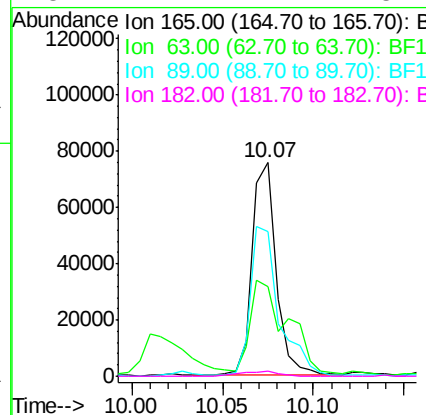
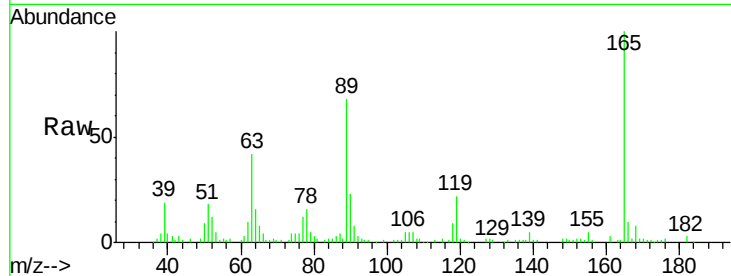
#57
2,4-Dinitrotoluene
Concen: 7.706 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		69686		
63	41.9	35.5	53.3		
89	68.0	55.2	82.8		
182	2.7	2.2	3.2		

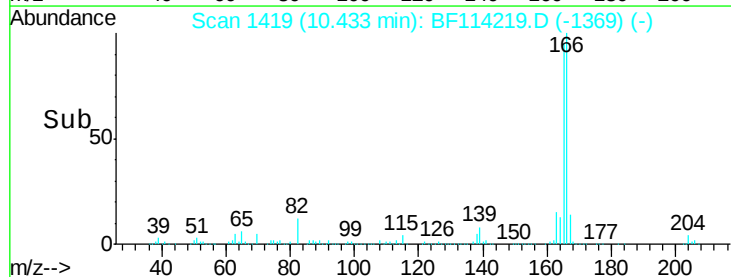
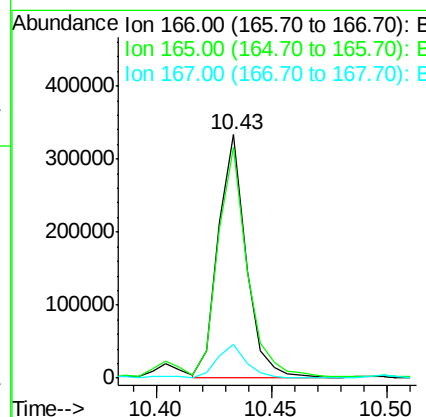
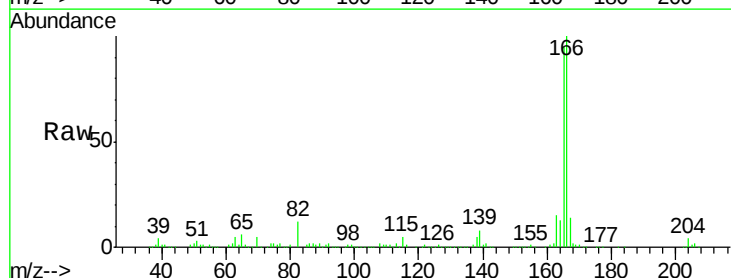
Manual Integrations
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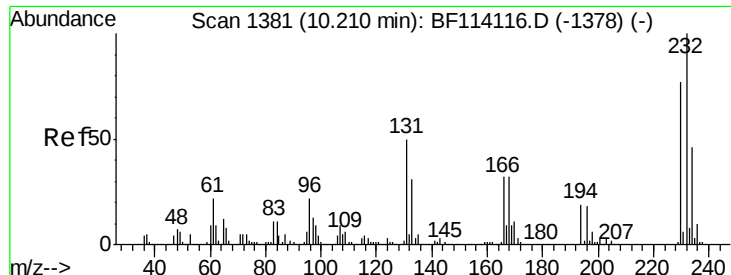
Sohil
5/13/2019 8:37:54 PM



#58
Fluorene
Concen: 9.869 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		277528		
165	94.9	76.1	114.1		
167	13.8	11.1	16.7		





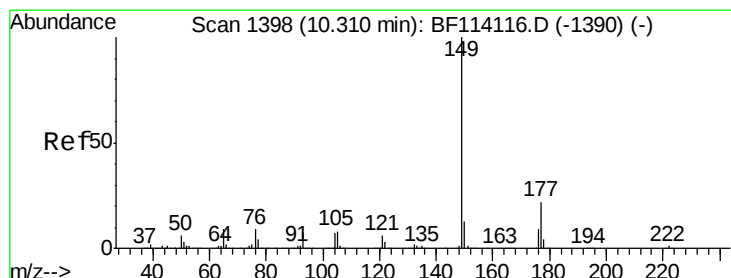
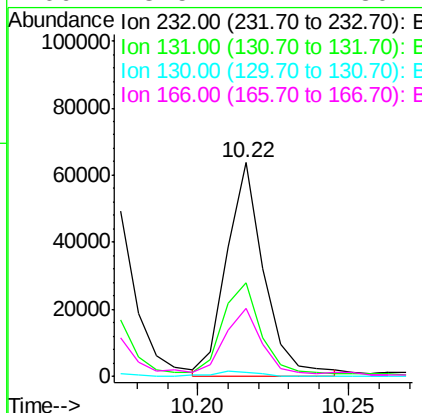
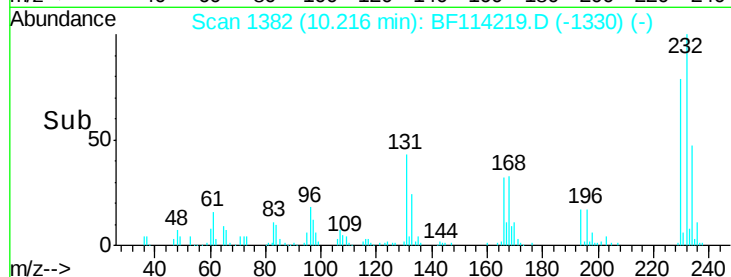
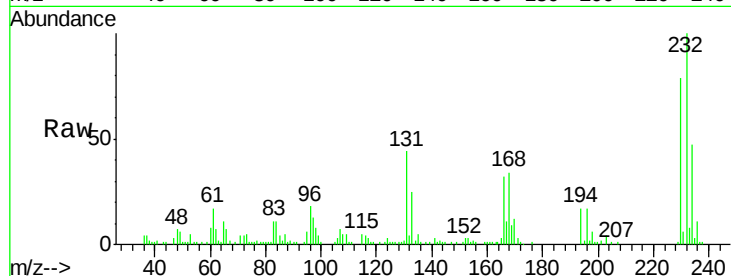
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.422 ng/ml
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	55996		
131	37.3		35.6	53.4
130	1.7		1.6	2.4
166	23.5		24.1	36.1#

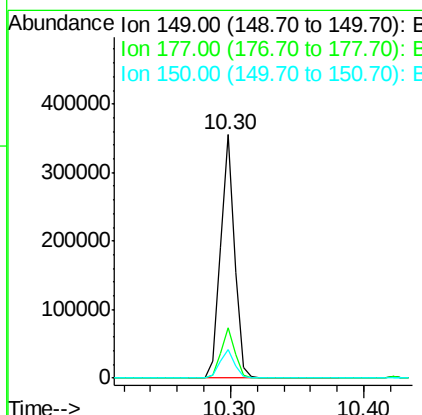
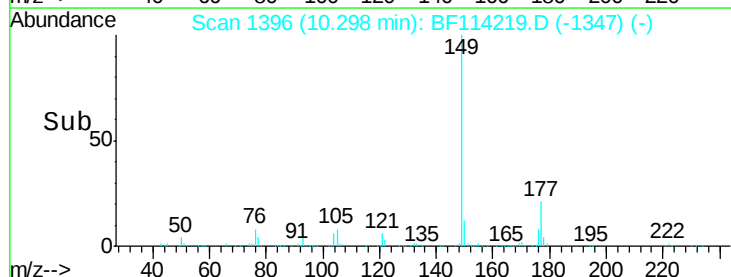
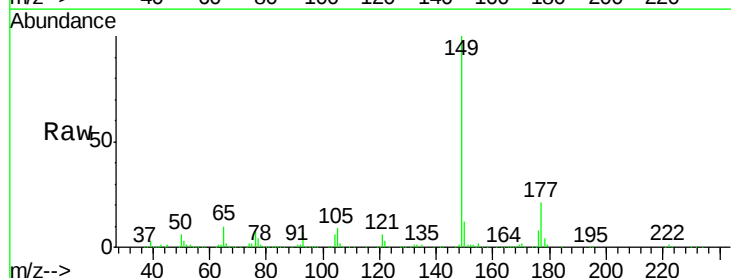
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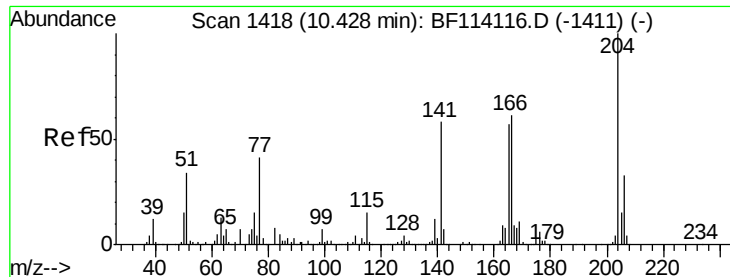
Sohil
 5/13/2019 8:37:54 PM



#60
 Diethylphthalate
 Concen: 8.650 ng/ml
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	264004		
177	20.8		17.8	26.6
150	11.9		10.2	15.2





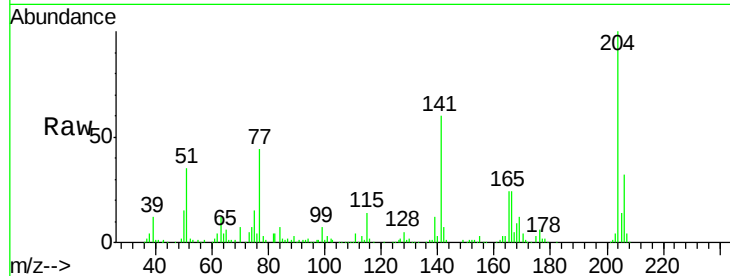
#61
4-Chlorophenyl-phenylether
Concen: 8.815 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	59.8	46.4	69.6

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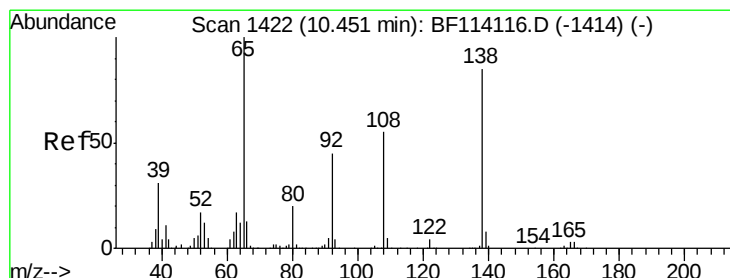
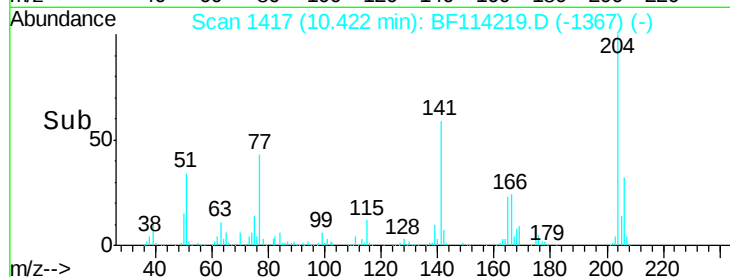
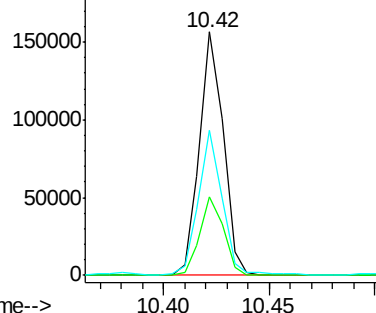


Abundance

Ion 204.00 (203.70 to 204.70): E

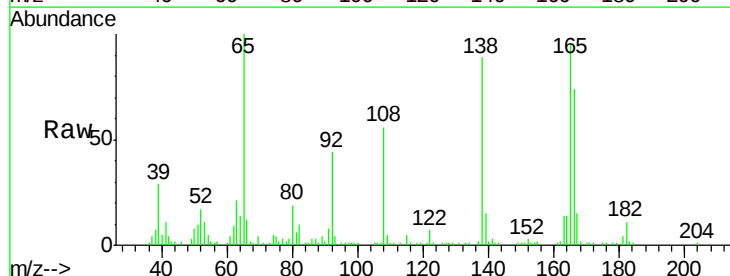
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 5.935 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	33.0	73.0
108	63.5	44.9	84.9

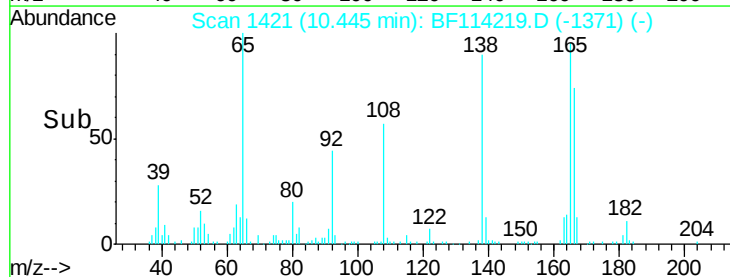
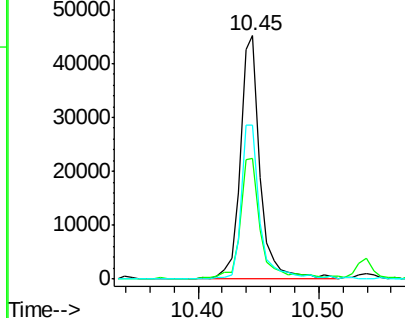


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





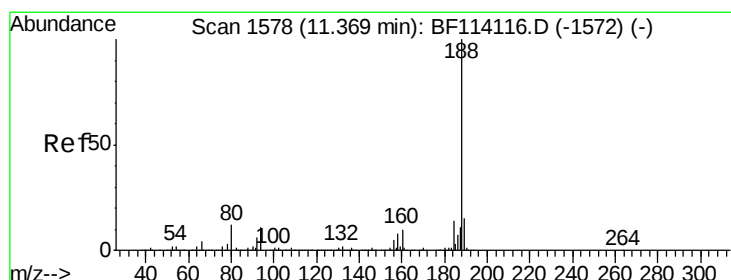
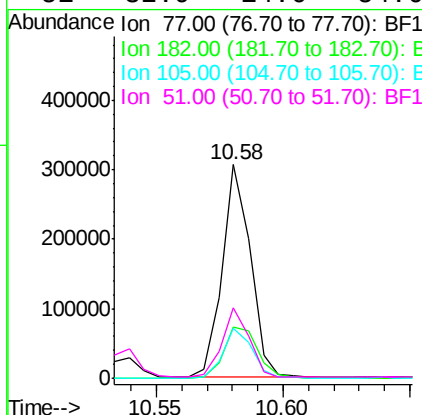
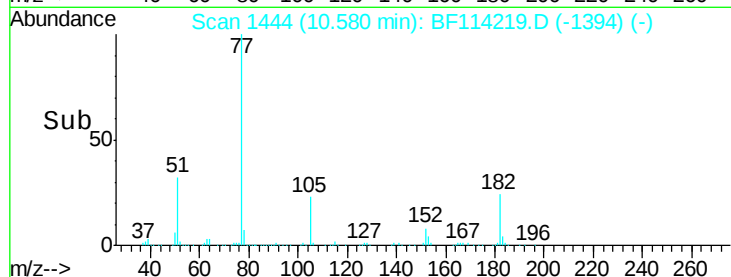
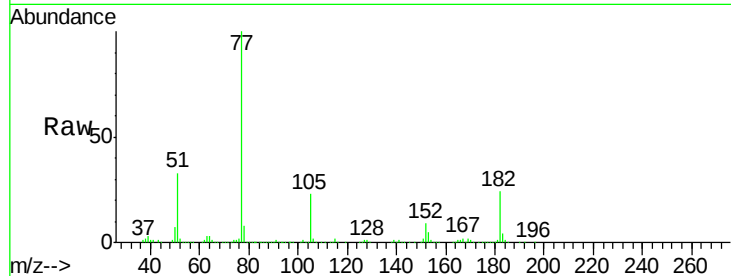
#63
Azobenzene
Concen: 8.047 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		237723		
182	24.1	4.7	44.7		
105	23.3	2.9	42.9		
51	32.9	14.6	54.6		

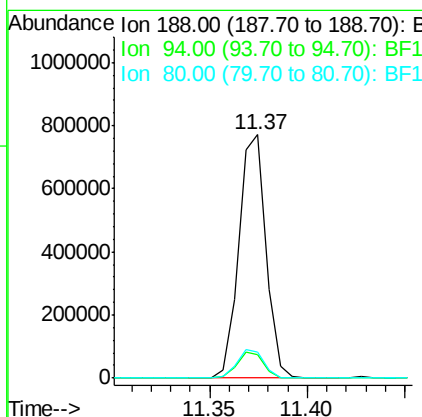
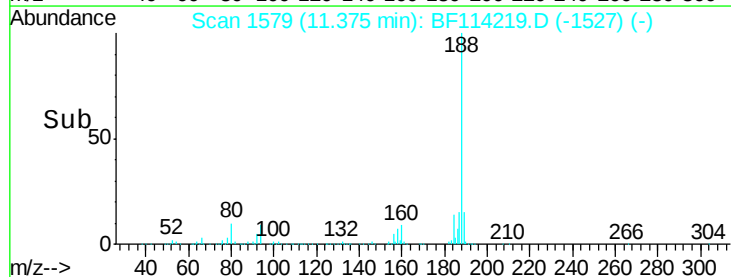
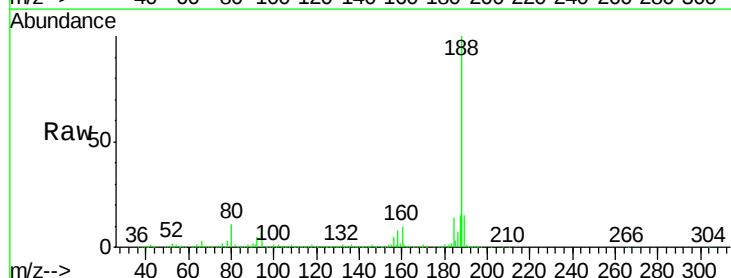
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		741920		
94	9.7	8.4	12.6		
80	10.6	9.2	13.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 3.388 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

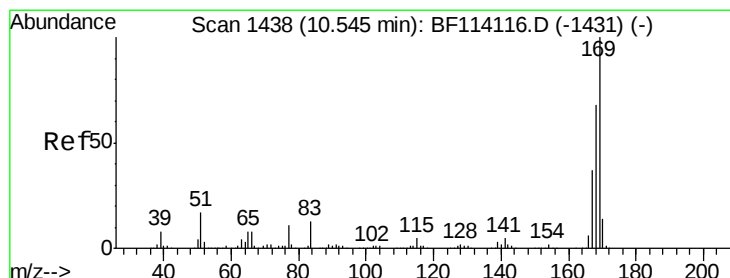
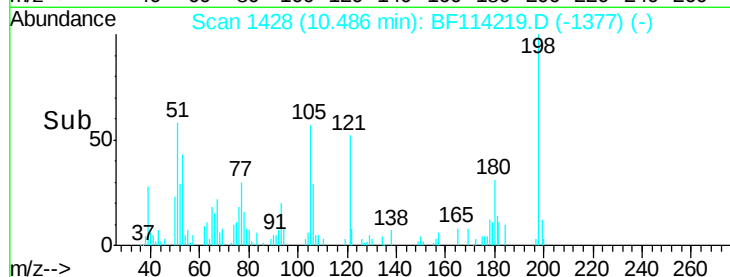
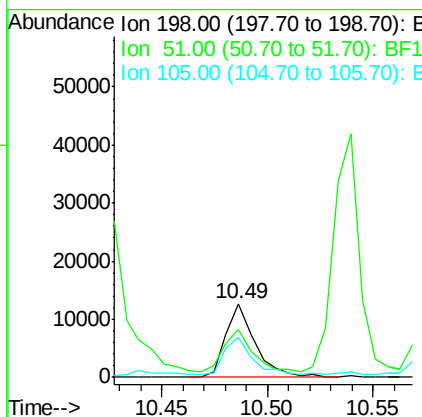
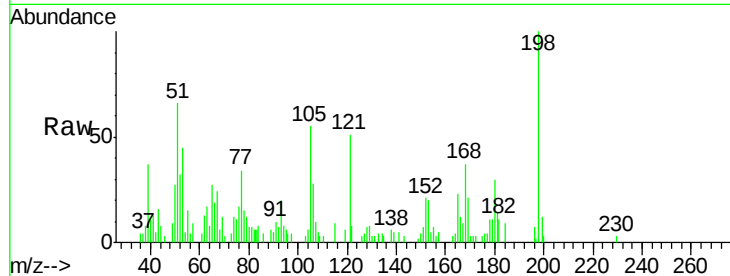
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	198	Resp:	12080
Ion Ratio	Lower	Upper	
198	100		
51	65.8	28.0	68.0
105	55.3	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 9.715 ng

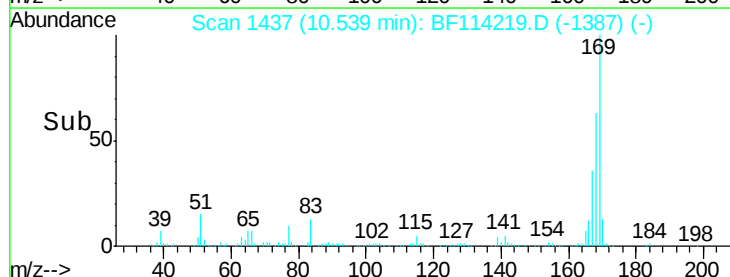
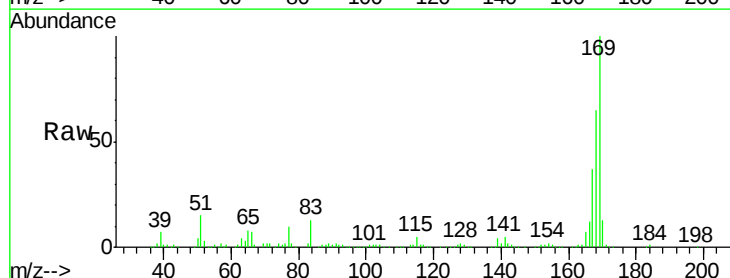
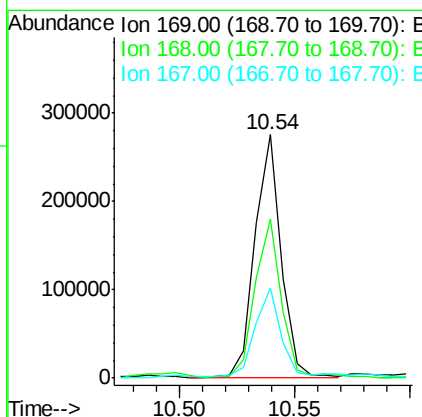
RT: 10.54 min Scan# 1437

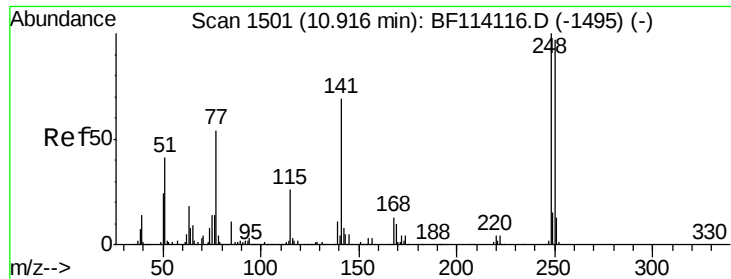
Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	169	Resp:	218747
Ion Ratio	Lower	Upper	
169	100		
168	65.3	54.2	81.2
167	37.0	29.8	44.8





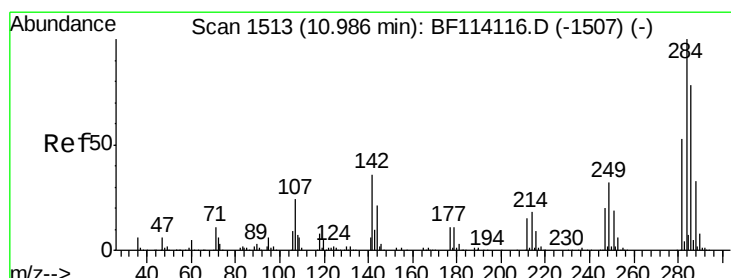
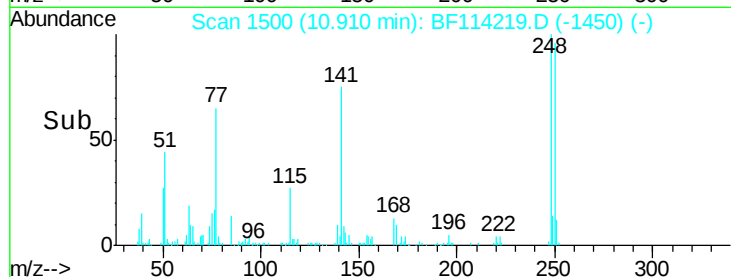
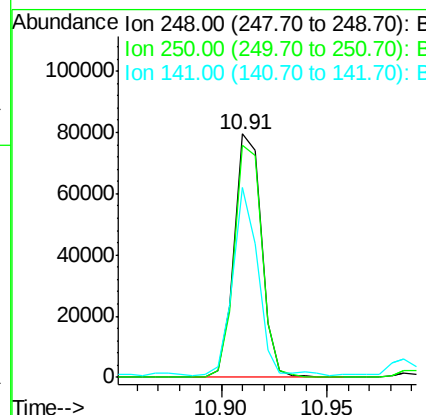
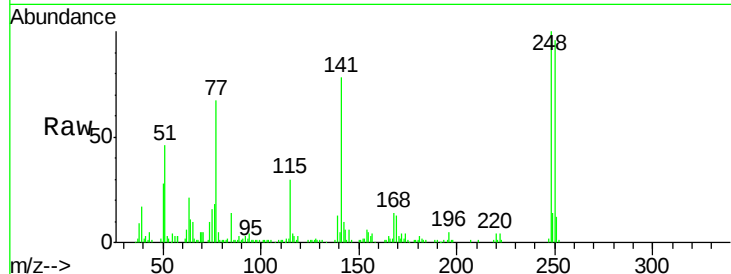
#67
 4-Bromophenyl-phenylether
 Concen: 8.672 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	78.1	55.6	83.4

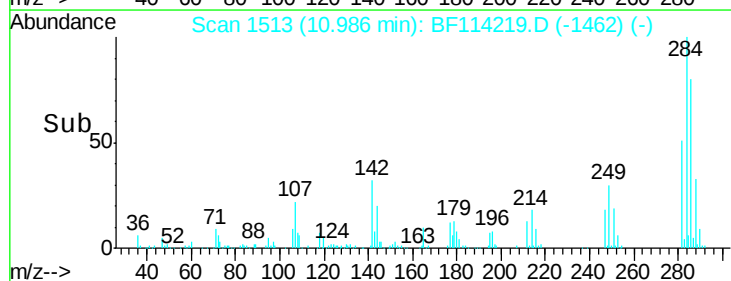
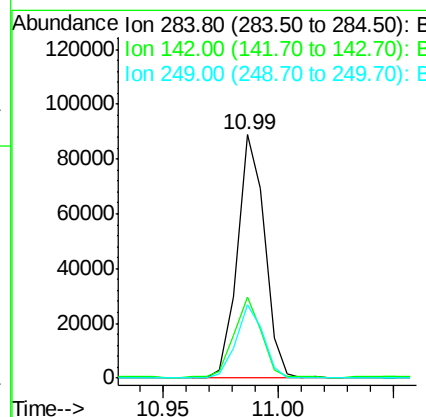
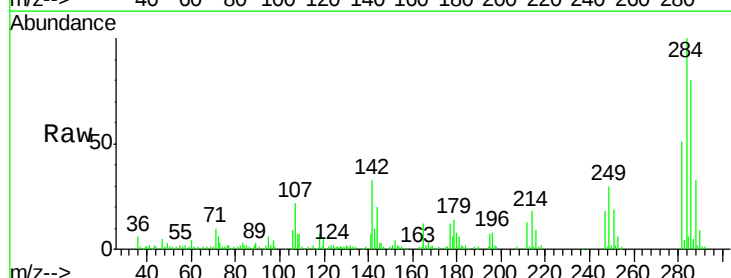
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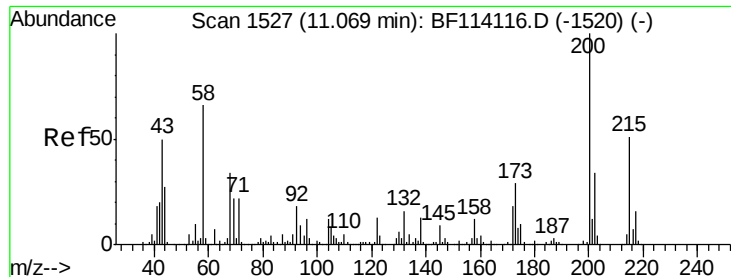
Sohil
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#68
 Hexachlorobenzene
 Concen: 8.101 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.4	42.6
249	30.1	25.2	37.8





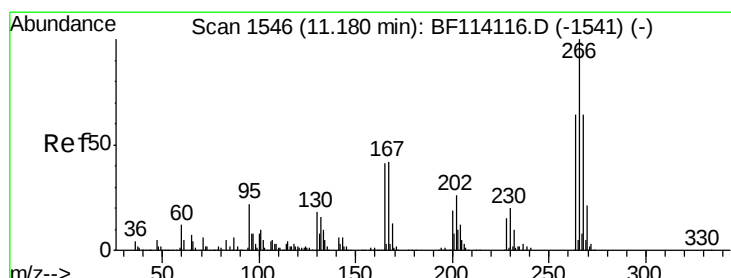
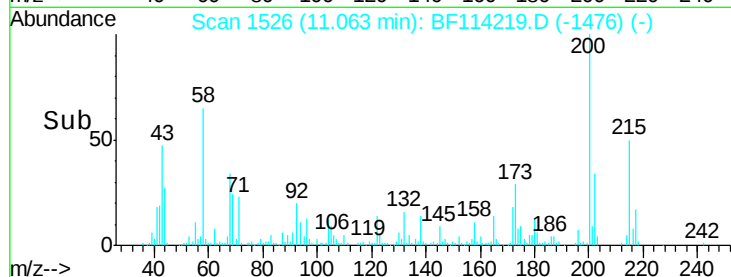
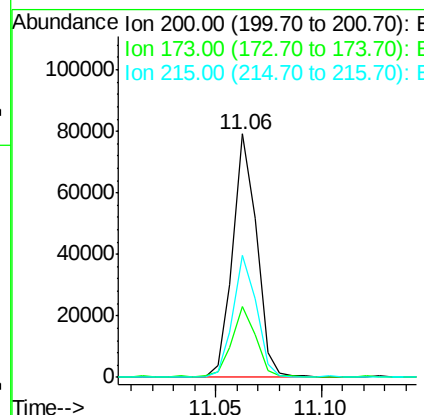
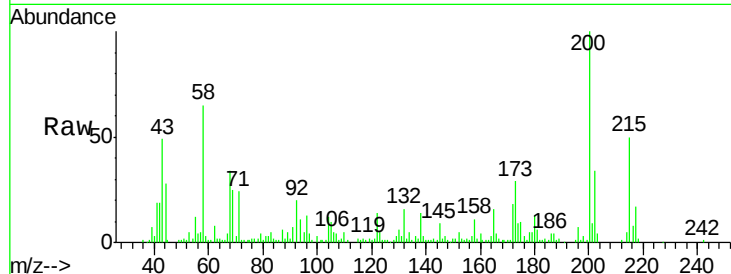
#69
Atrazine
Concen: 8.873 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.9	48.9
215	50.1	30.7	70.7

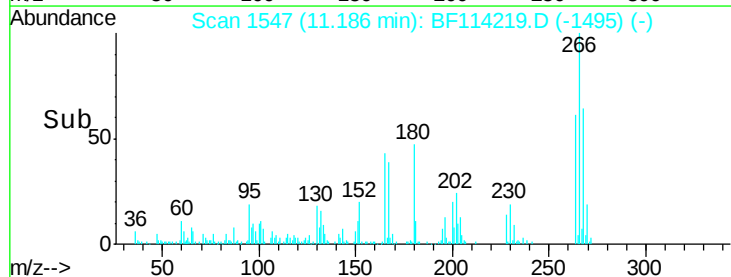
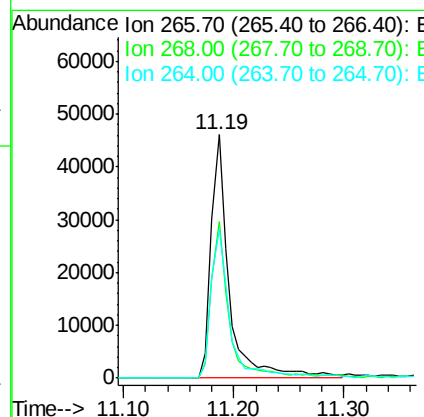
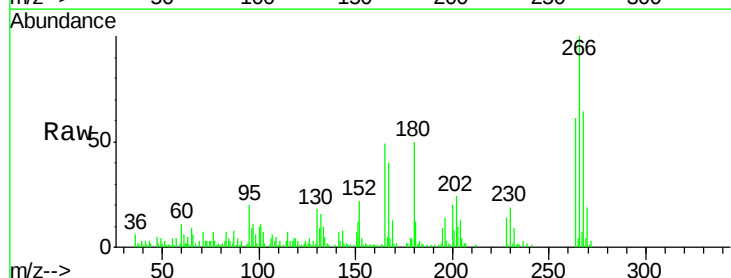
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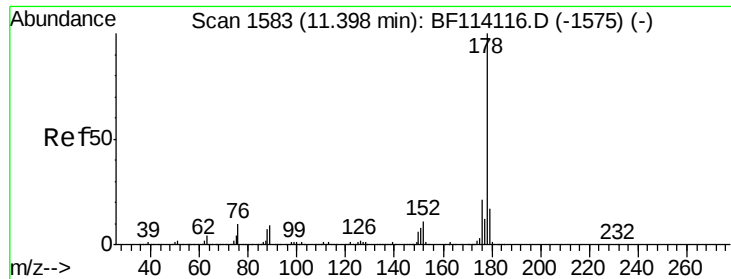
Sohil
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#70
Pentachlorophenol
Concen: 11.962 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	61.4	51.1	76.7





#71

Phenanthrene

Concen: 33.866 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:178 Resp: 1222421

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

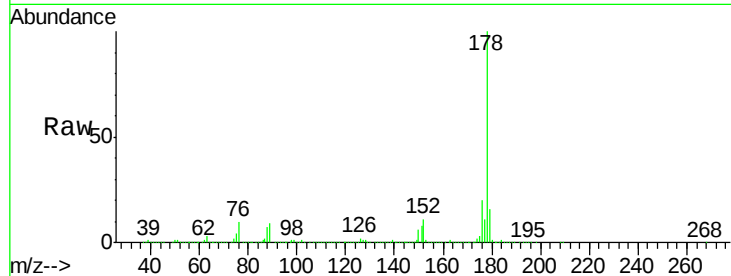
179 15.7 13.2 19.8

Manual Integrations

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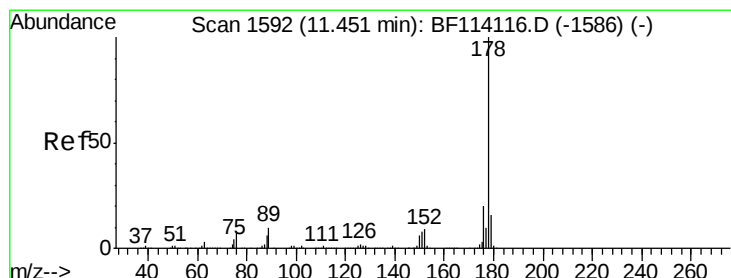
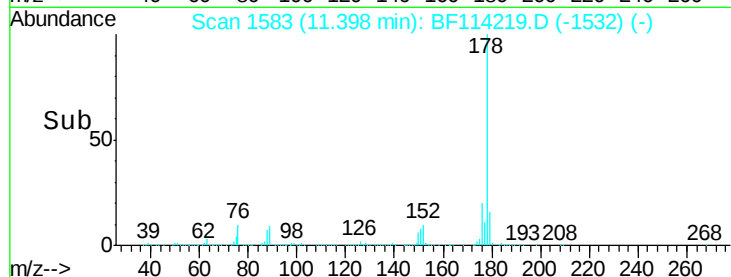
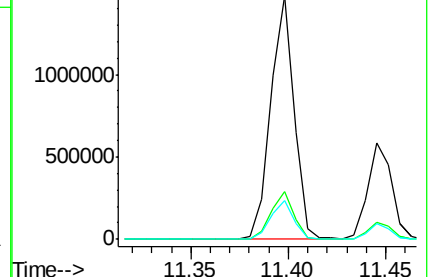
5/13/2019 8:37:54 PM



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: 13.502 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

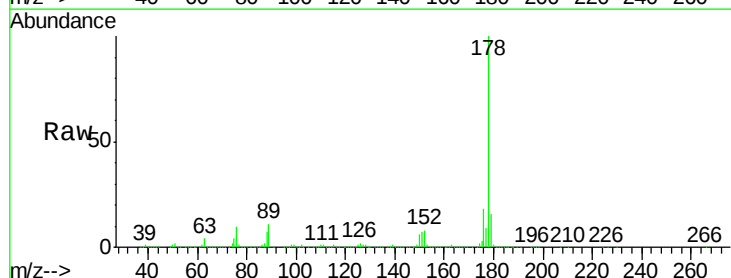
Tgt Ion:178 Resp: 489494

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

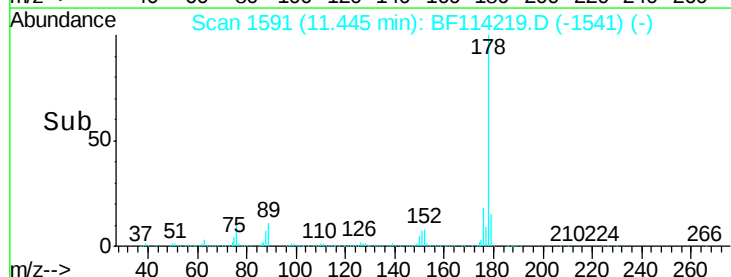
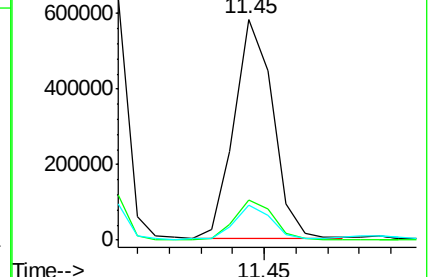
179 15.8 13.0 19.4

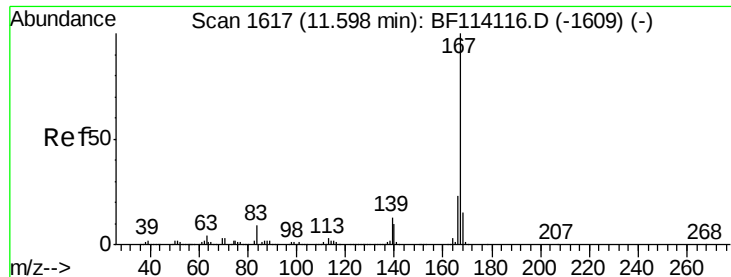


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





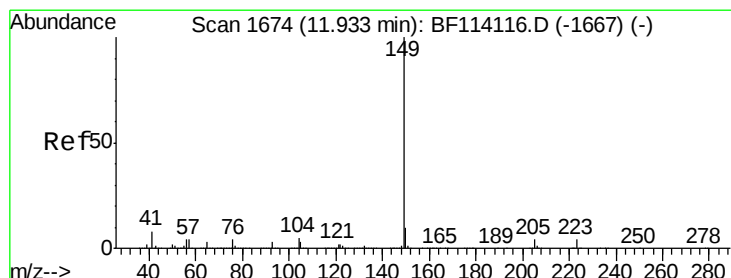
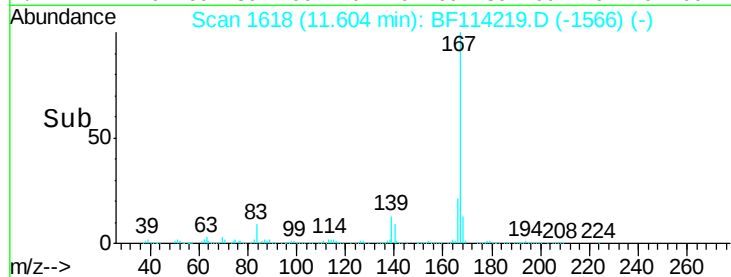
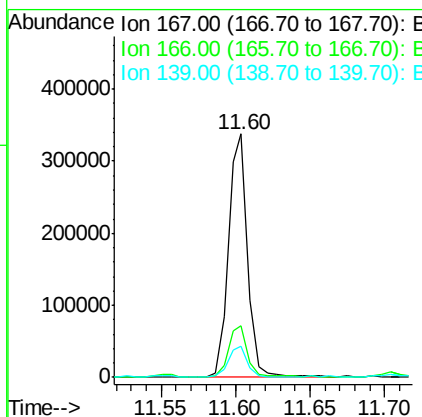
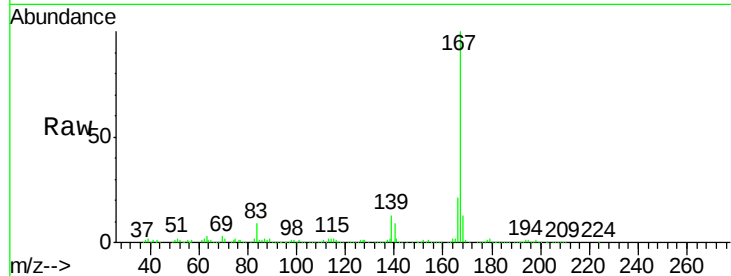
#73
 Carbazole
 Concen: 8.800 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	12.7	10.6	16.0

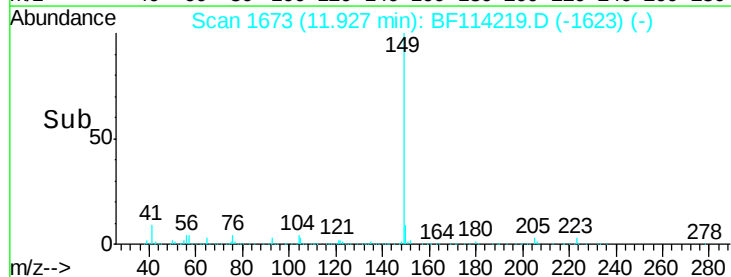
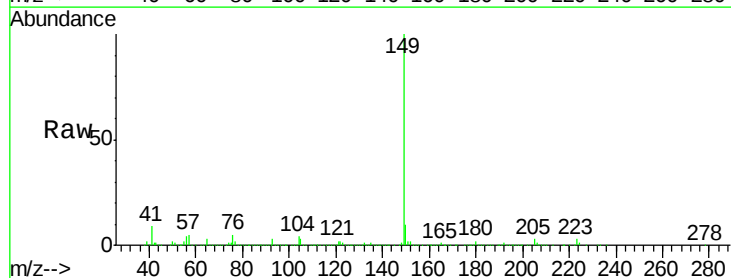
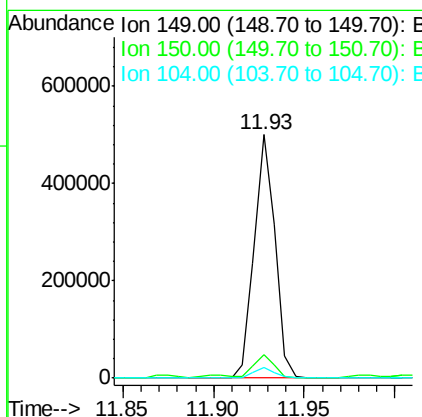
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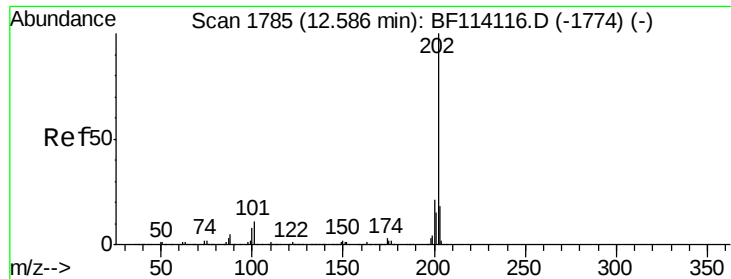
Sohil
 5/13/2019 8:37:54 PM



#74
 Di-n-butylphthalate
 Concen: 10.018 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 41.977 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

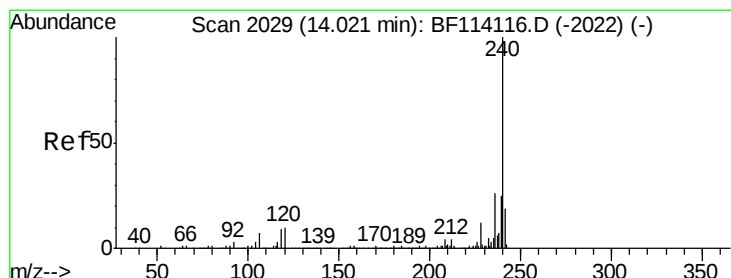
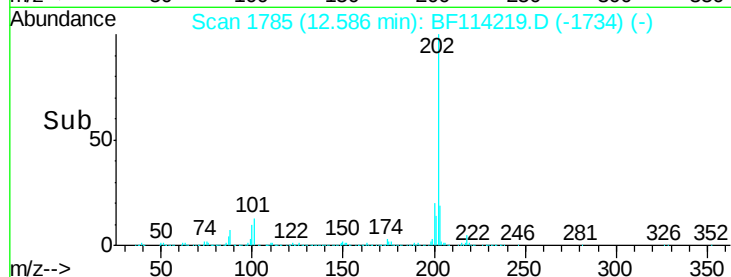
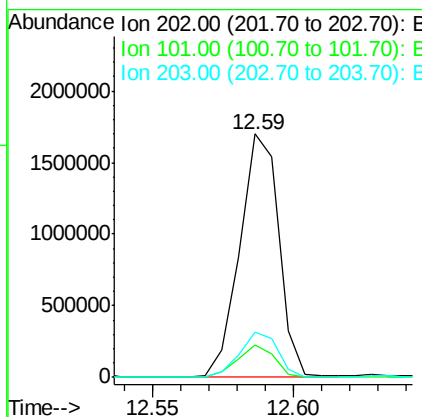
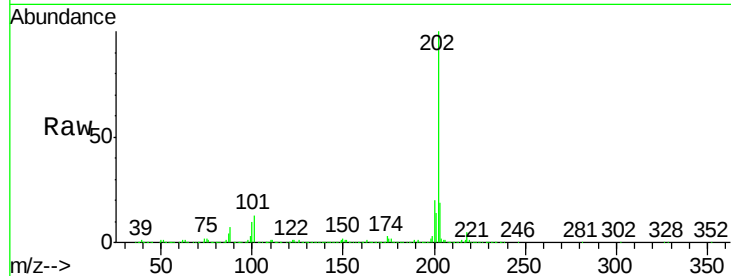
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	202	Resp:	1631640
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.0
203	18.7	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

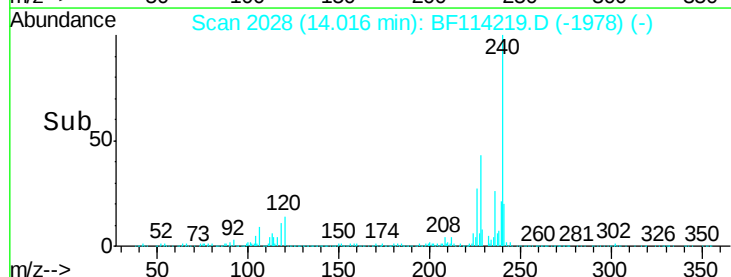
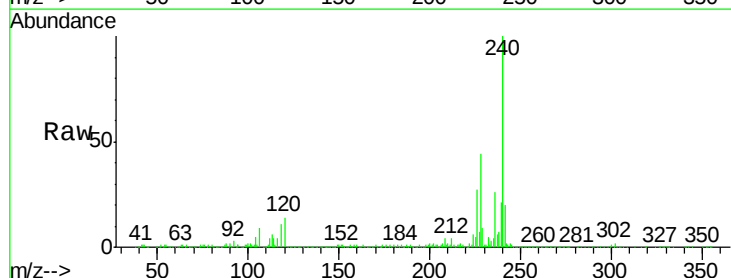
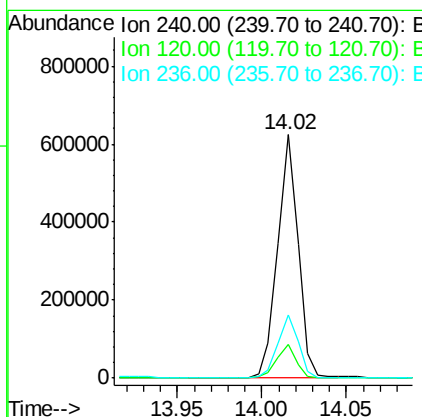
RT: 14.02 min Scan# 2028

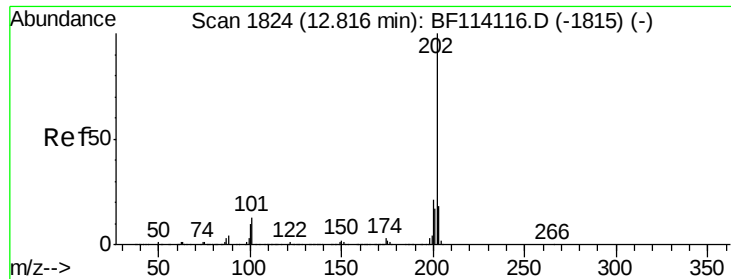
Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	240	Resp:	524431
Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.3	12.5#
236	26.0	20.8	31.2





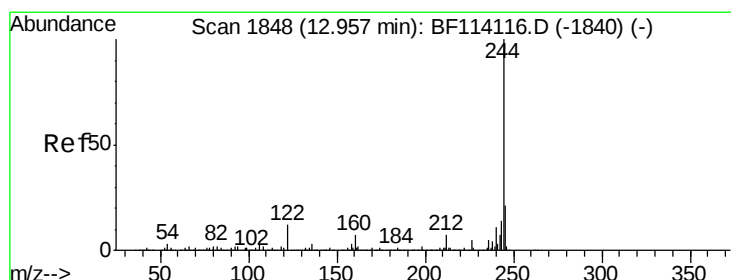
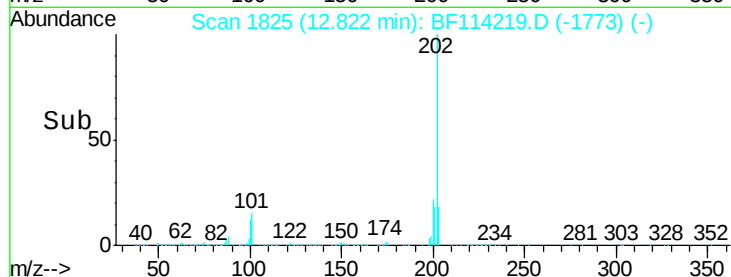
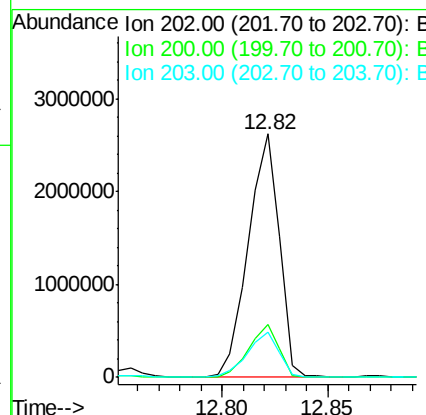
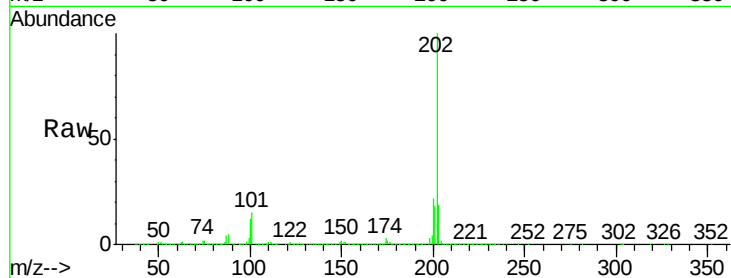
#78
Pvrene
Concen: 63.127 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.5	14.5	21.7

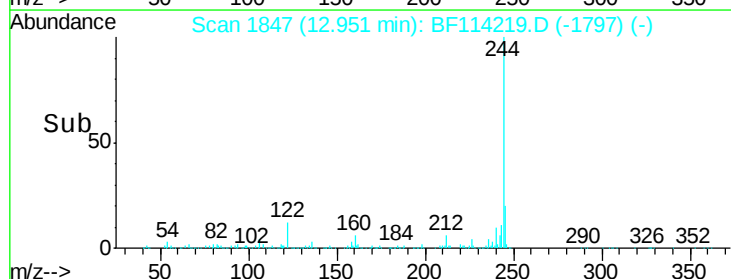
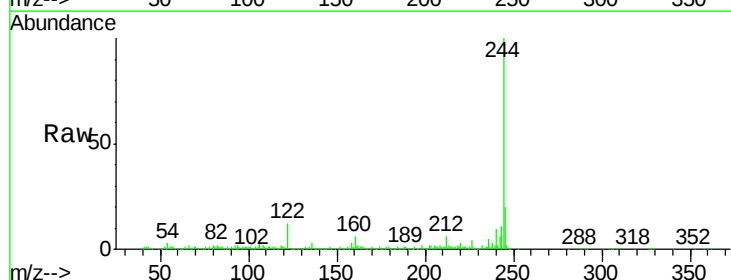
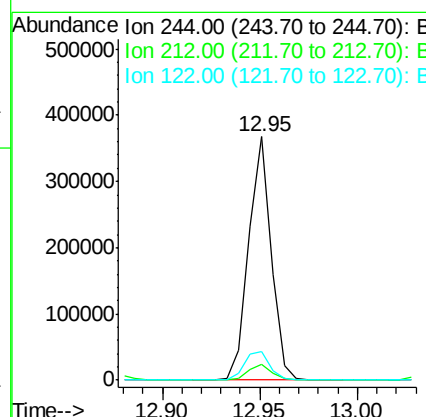
Manual Integrations
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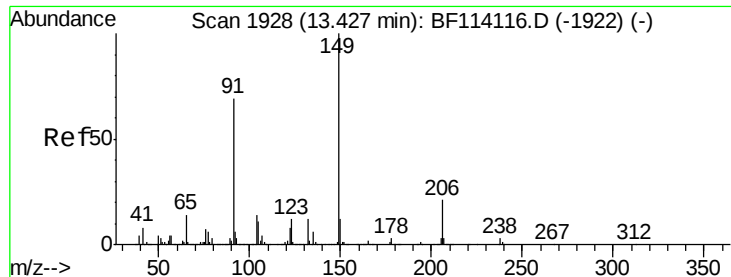
Sohil
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#79
Terphenyl-d14
Concen: 11.537 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.6
122	11.8	9.4	14.2





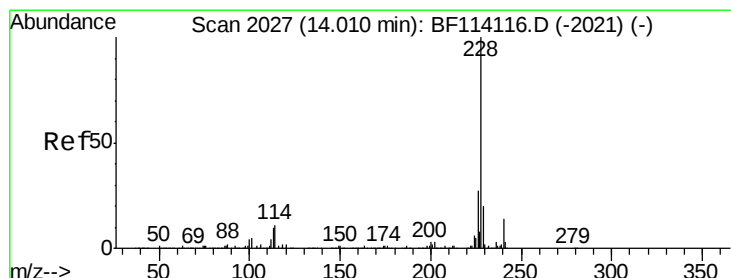
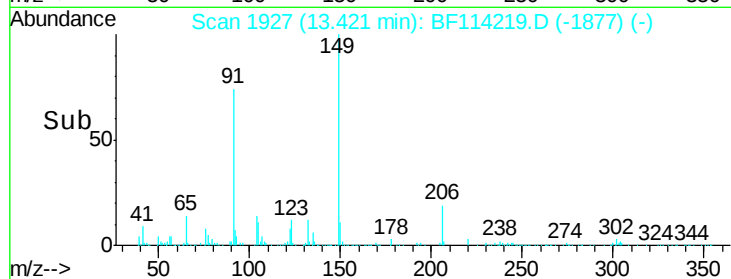
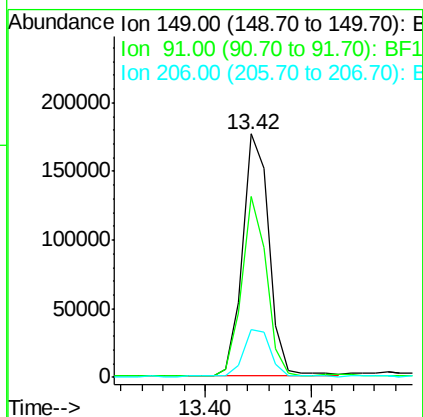
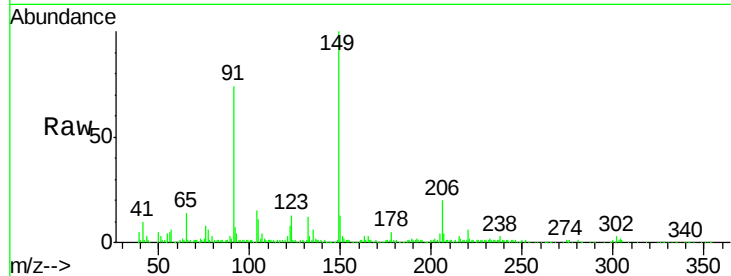
#80
Butylbenzylphthalate
Concen: 8.649 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	55.0	82.4
206	19.7	16.9	25.3

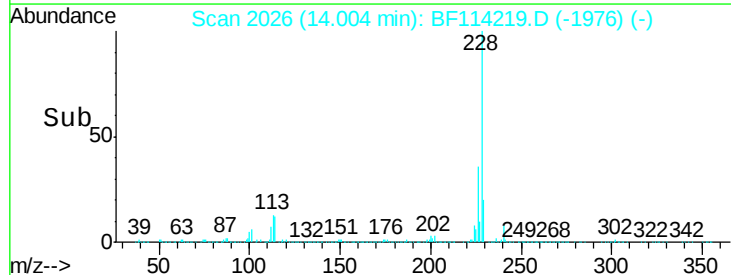
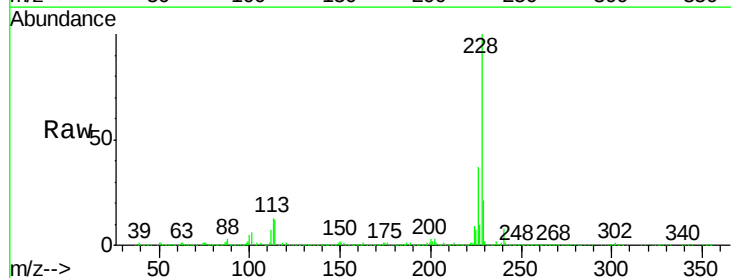
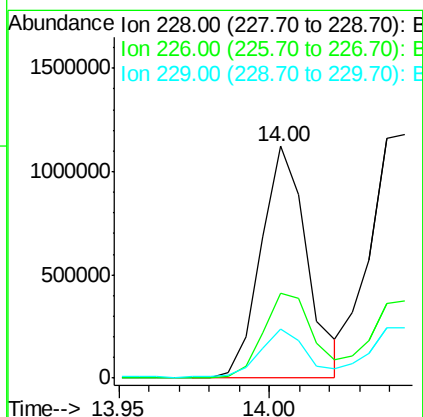
Manual Integrations
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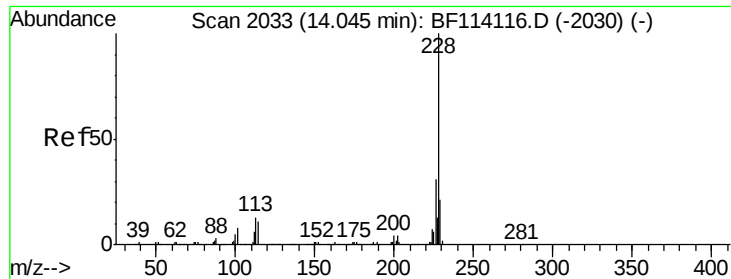
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#81
Benzo(a)anthracene
Concen: 35.275 ng m
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.6	22.2	33.2#
229	21.1	16.4	24.6





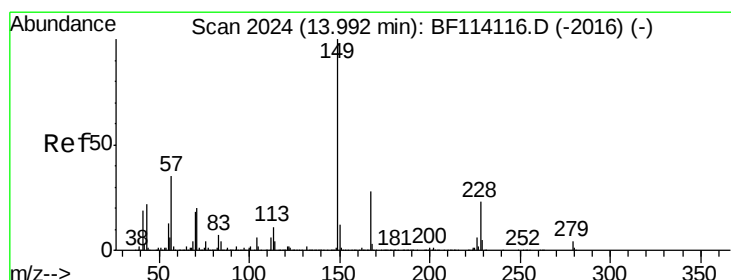
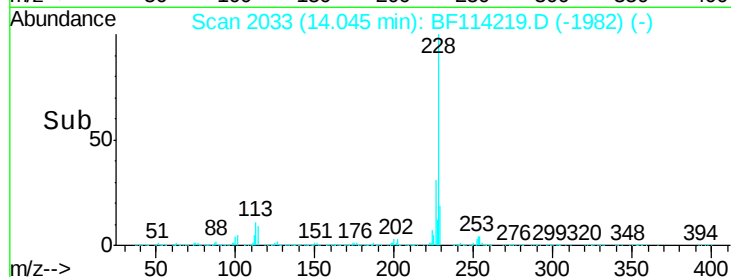
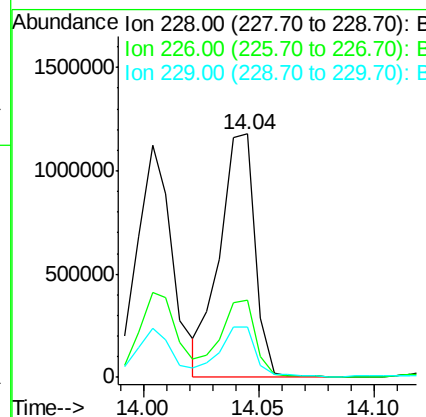
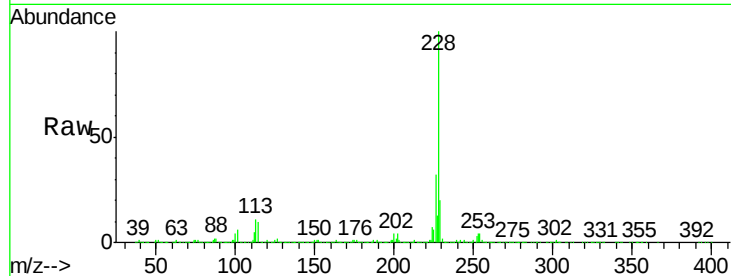
#83
Chrysene
Concen: 37.592 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:228 Resp: 1249974
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.6
229 20.5 17.0 25.6

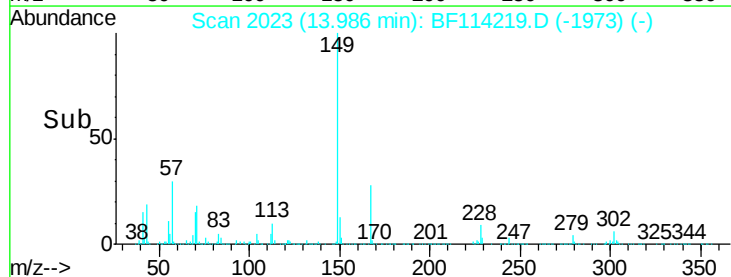
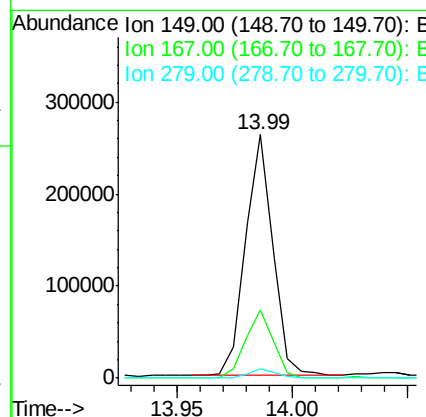
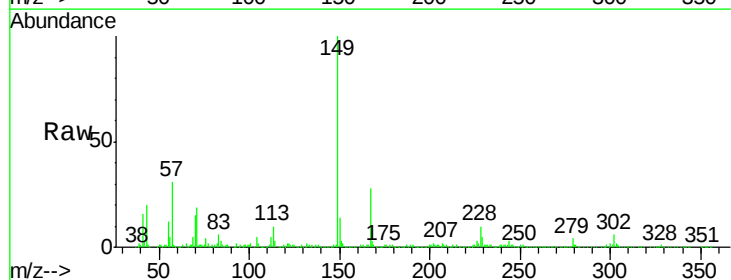
Manual Integrations
APPROVED

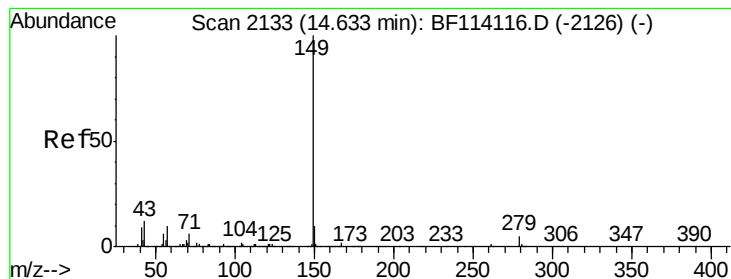
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.348 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:149 Resp: 217109
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 9.514 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.04 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

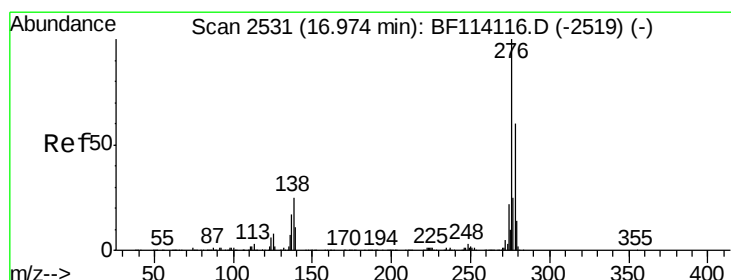
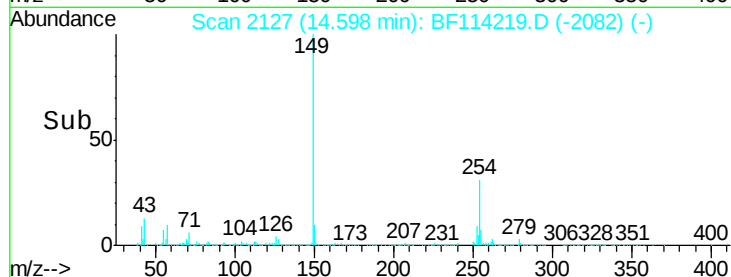
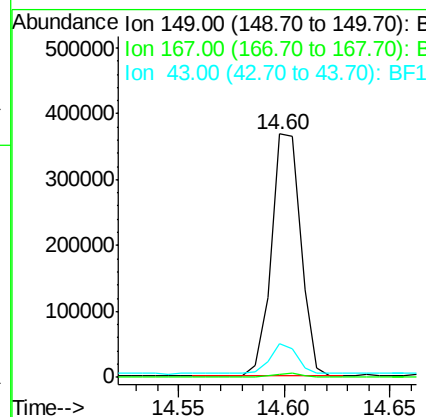
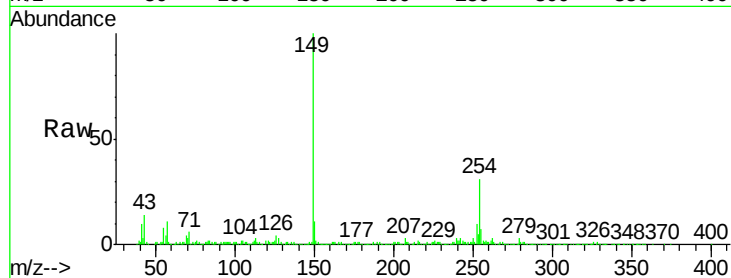
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	149	Resp:	358181
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	11.5	10.1	15.1

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 20.251 ng

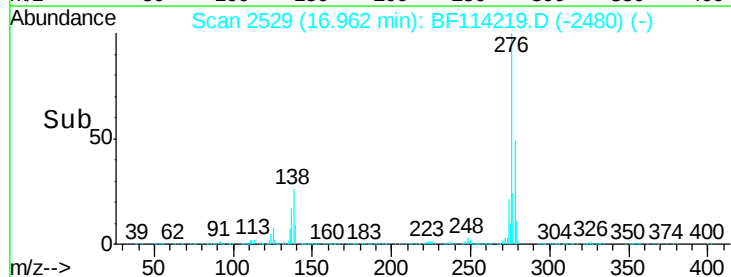
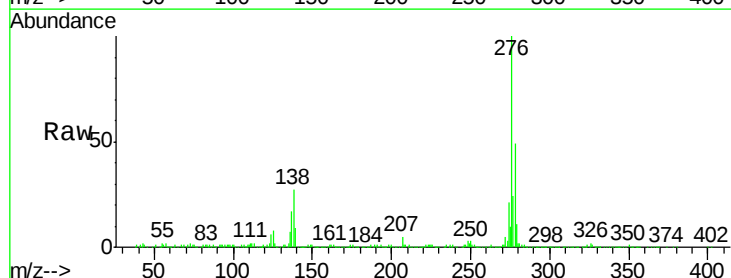
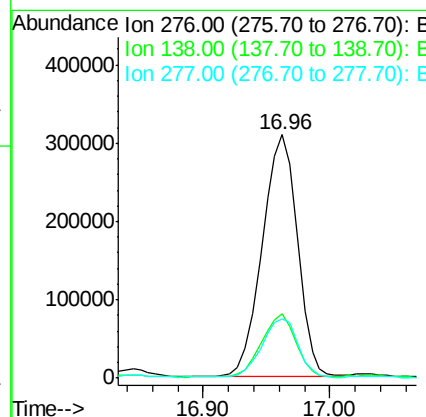
RT: 16.96 min Scan# 2529

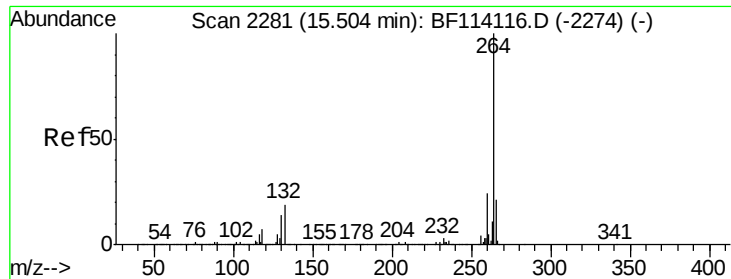
Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	276	Resp:	595102
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.2	30.2
277	24.6	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

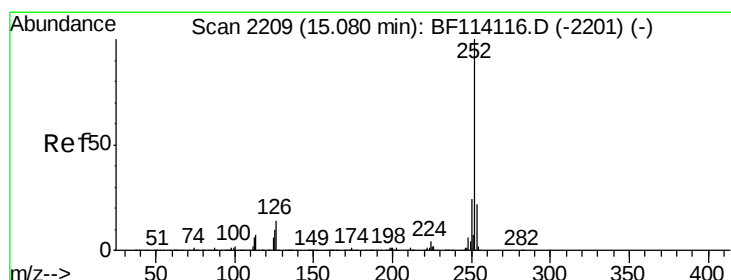
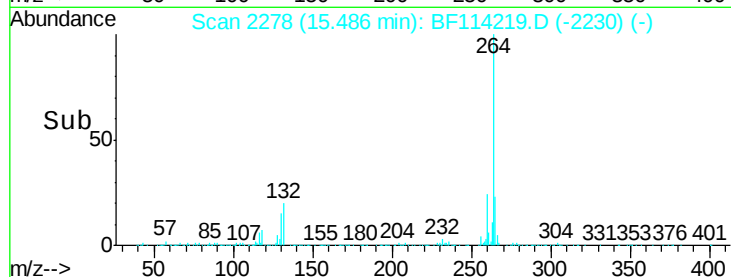
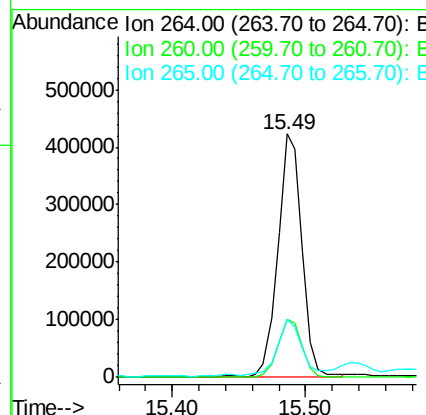
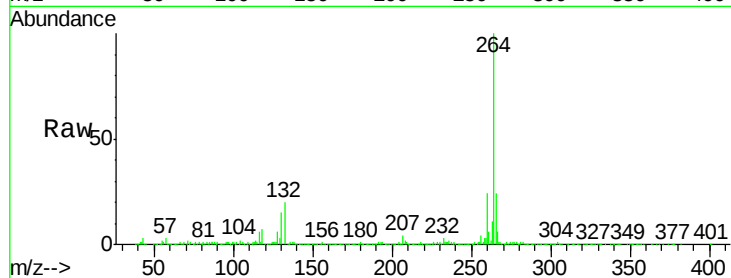
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	264	Resp:	532403
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.4	29.0
265	23.6	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 38.118 ng m

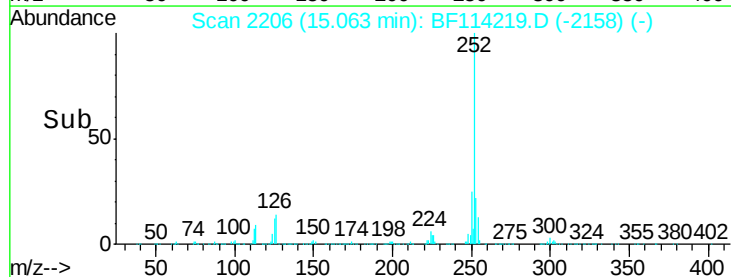
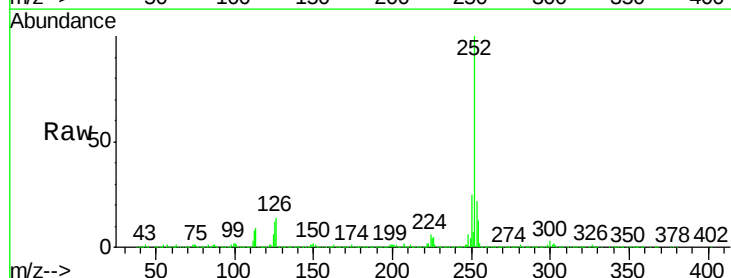
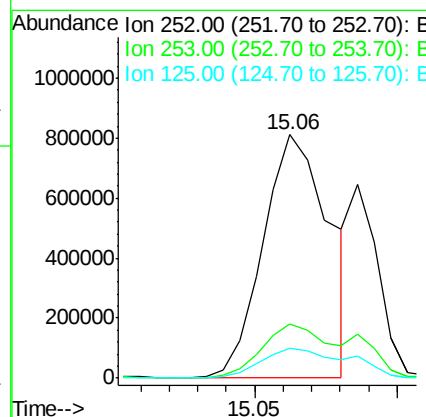
RT: 15.06 min Scan# 2206

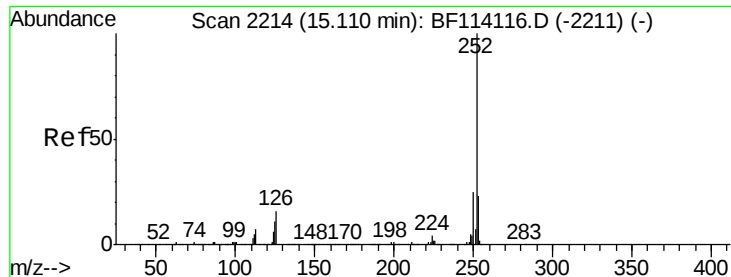
Delta R.T. -0.02 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	252	Resp:	1300147
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.1	8.3	12.5





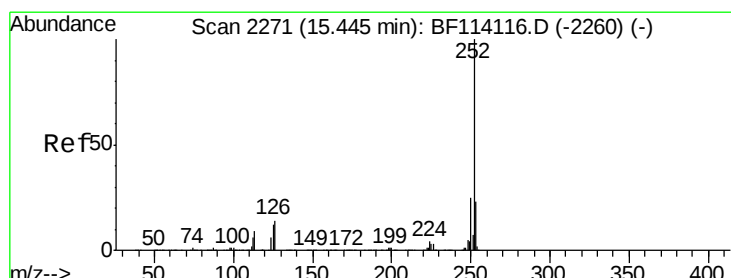
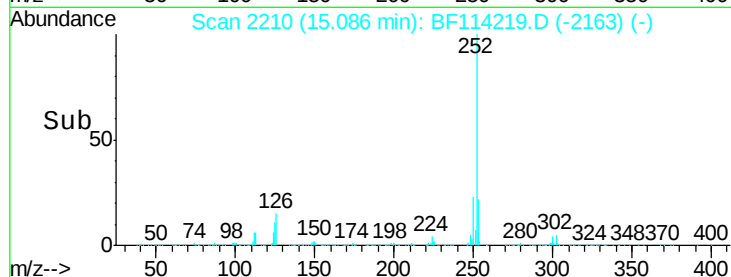
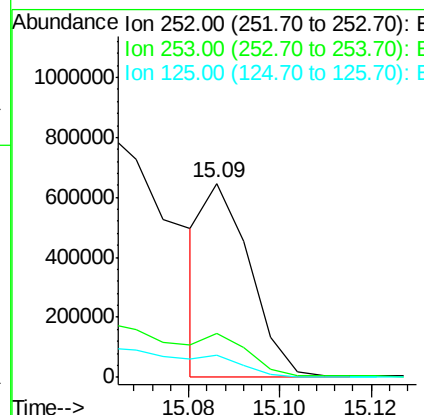
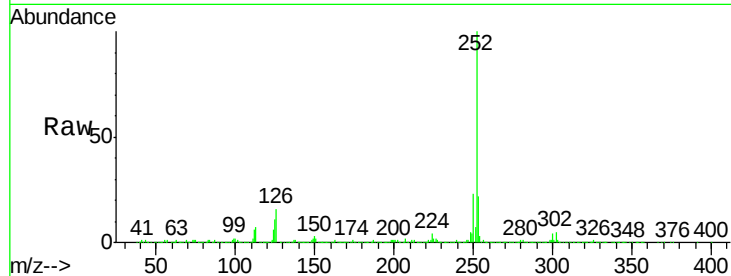
#89
Benzo(k)fluoranthene
Concen: 14.240 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.2	8.6	13.0

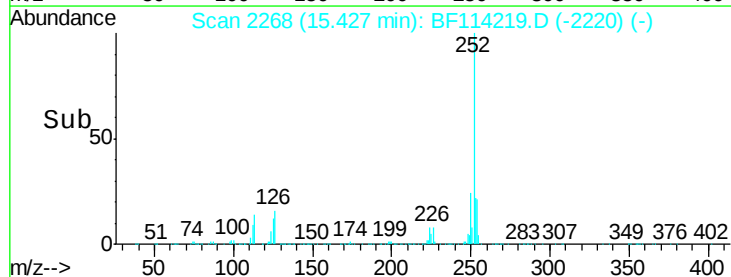
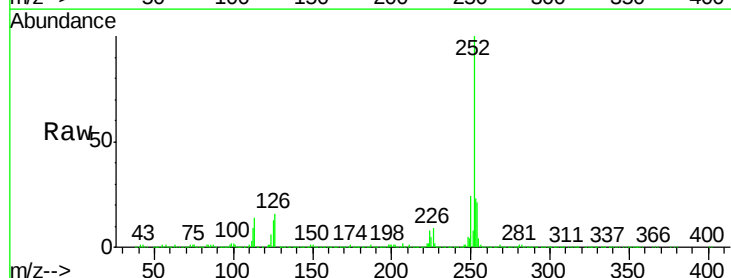
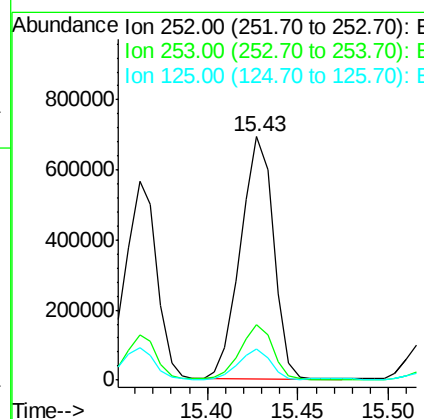
Manual Integrations
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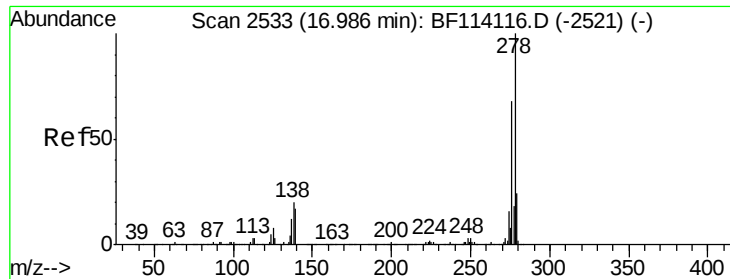
Sohil
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#90
Benzo(a)pyrene
Concen: 29.352 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.6	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 11.726 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

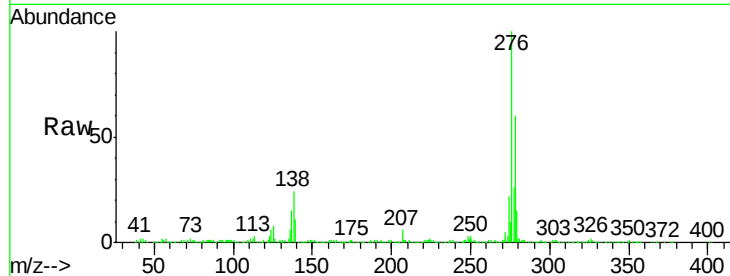
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	278	Resp:	292495
Ion Ratio	Lower	Upper	
278	100		
139	17.6	13.5	20.3
279	24.1	19.0	28.6

Manual Integrations
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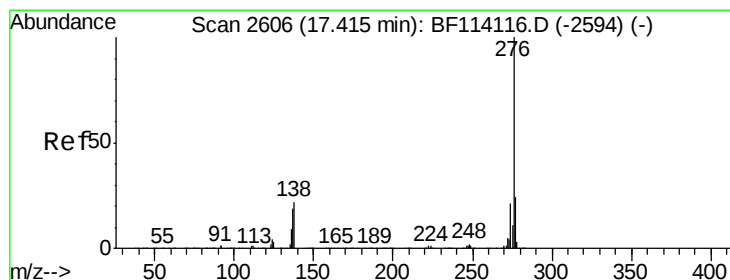
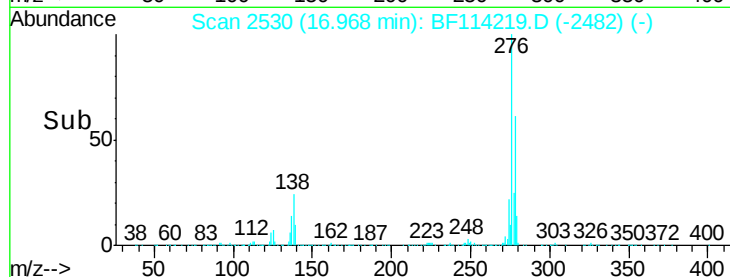
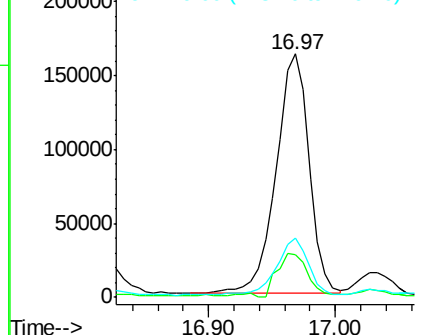
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Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.092 ng

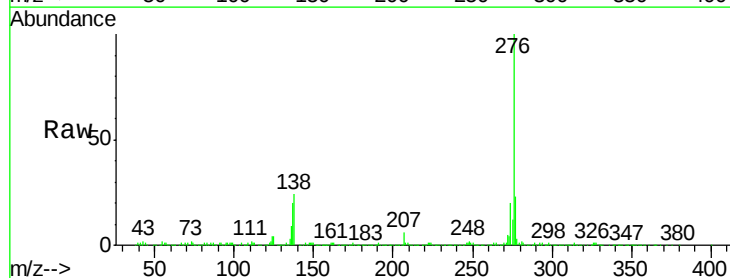
RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:	276	Resp:	602254
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.0	28.4
138	23.6	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

