

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114231.D
 Acq On : 13 May 2019 16:16
 Operator : JU/SJ
 Sample : K2764-21MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: May 14 05:37:12 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	6.86	152	286087	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1113969	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	536320	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1042025	20.00	ng	0.01
76) Chrysene-d12	14.03	240	625943	20.00	ng	0.00
87) Perylene-d12	15.52	264	700879	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1547296	87.04	ng	0.02
7) Phenol-d6	6.51	99	2058725	97.91	ng	0.02
23) Nitrobenzene-d5	7.42	82	1295796	65.28	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	467102	84.24	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1917248	54.08	ng	0.00
79) Terphenyl-d14	12.96	244	1730302	56.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	243305	24.899	ng	99
3) Pyridine	3.42	79	540421	20.073	ng	95
4) n-Nitrosodimethylamine	3.35	42	365756	28.172	ng	92
6) Aniline	6.52	93	369939	12.180	ng	# 1
8) 2-Chlorophenol	6.65	128	649390	34.217	ng	96
9) Benzaldehyde	6.40	77	308468	20.956	ng	100
10) Phenol	6.52	94	778086	31.458	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	638479	34.001	ng	97
12) 1,3-Dichlorobenzene	6.80	146	657092	30.844	ng	99
13) 1,4-Dichlorobenzene	6.87	146	655684	30.544	ng	97
14) 1,2-Dichlorobenzene	7.03	146	617274	31.474	ng	99
15) Benzyl Alcohol	7.00	79	547240	33.370	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1145678	31.466	ng	53
17) 2-Methylphenol	7.12	107	515676	33.077	ng	# 93
18) Hexachloroethane	7.37	117	234865	29.147	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	448781	33.674	ng	99
20) 3+4-Methylphenols	7.27	107	665401	36.941	ng	# 58
22) Acetophenone	7.26	105	865678	35.079	ng	# 90
24) Nitrobenzene	7.44	77	696010	34.427	ng	95
25) Isophorone	7.68	82	1267143	34.421	ng	99
26) 2-Nitrophenol	7.76	139	360822	36.786	ng	96
27) 2,4-Dimethylphenol	7.80	122	581460	37.744	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	819730	34.319	ng	99
29) 2,4-Dichlorophenol	8.00	162	540764	35.252	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	557607	31.966	ng	99
31) Naphthalene	8.16	128	1810286	34.790	ng	98
32) Benzoic acid	7.93	122	341755	33.583	ng	99
33) 4-Chloroaniline	8.21	127	189607	7.996	ng	96
34) Hexachlorobutadiene	8.27	225	299985	30.225	ng	99
35) Caprolactam	8.59	113	187237m	37.433	ng	
36) 4-Chloro-3-methylphenol	8.70	107	569891	36.908	ng	99
37) 2-Methylnaphthalene	8.85	142	1210574	36.058	ng	97
38) 1-Methylnaphthalene	8.95	142	1140758	36.081	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	538756	33.162	ng	100

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 P026-SS002-1218-01MSD

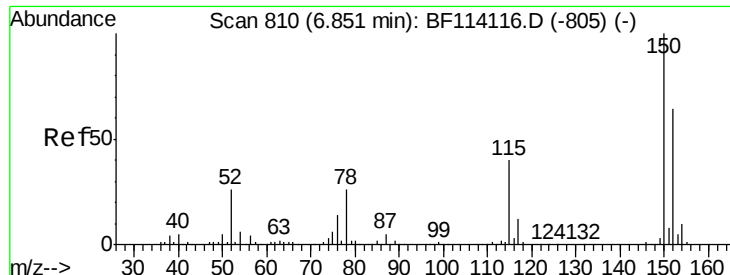
Manual Integrations
 APPROVED

Sohil
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Quant Time: May 14 05:37:12 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	164398	24.870	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	376540	33.696	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	401693	35.051	nq	96
46) 1,1'-Biphenyl	9.32	154	1455911	33.603	nq	98
47) 2-Chloronaphthalene	9.34	162	1105312	31.699	nq	99
48) 2-Nitroaniline	9.44	65	412463	33.354	nq	94
49) Acenaphthylene	9.76	152	1835386	34.608	nq	99
50) Dimethylphthalate	9.61	163	1534870	38.985	nq	99
51) 2,6-Dinitrotoluene	9.68	165	302349	34.624	nq	# 83
52) Acenaphthene	9.93	154	1019317	31.321	nq	99
53) 3-Nitroaniline	9.85	138	203678	18.790	nq	99
54) 2,4-Dinitrophenol	9.96	184	223290	53.310	nq	94
55) Dibenzofuran	10.10	168	1537414	32.217	nq	98
56) 4-Nitrophenol	10.03	139	432968	56.480	nq	98
57) 2,4-Dinitrotoluene	10.09	165	396060	33.416	nq	96
58) Fluorene	10.44	166	1224661	33.224	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	329491	33.321	nq	99
60) Diethylphthalate	10.31	149	1344167	33.601	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	586713	32.408	nq	97
62) 4-Nitroaniline	10.46	138	313800	27.549	nq	98
63) Azobenzene	10.59	77	1287469	33.250	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	153119	30.581	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1101514	34.830	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	374792	32.667	nq	96
68) Hexachlorobenzene	11.00	284	397270	31.300	nq	93
69) Atrazine	11.08	200	340401	34.587	nq	100
70) Pentachlorophenol	11.19	266	358135	59.523	nq	99
71) Phenanthrene	11.40	178	1918740	37.848	nq	100
72) Anthracene	11.46	178	1773139	34.822	nq	99
73) Carbazole	11.61	167	1619918	33.362	nq	99
74) Di-n-butylphthalate	11.93	149	2058628	36.800	nq	98
75) Fluoranthene	12.59	202	2064293	37.812	nq	97
77) Benzidine	12.71	184	107188	3.815	nq	97
78) Pyrene	12.83	202	2329888	46.270	nq	100
80) Butylbenzylphthalate	13.43	149	830309	39.176	nq	93
81) Benzo(a)anthracene	14.02	228	1522855	37.615	nq	97
82) 3,3'-Dichlorobenzidine	13.97	252	376300	23.960	nq	# 98
83) Chrysene	14.06	228	1540457	38.815	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1211111	43.691	nq	99
85) Di-n-octyl phthalate	14.62	149	1885671	41.964	nq	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1488407	42.435	nq	98
88) Benzo(b)fluoranthene	15.09	252	1789531	39.854	nq	99
89) Benzo(k)fluoranthene	15.12	252	1256603	30.465	nq	99
90) Benzo(a)pyrene	15.46	252	1501221	37.989	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	1172590	35.709	nq	99
92) Benzo(g,h,i)perylene	17.46	276	1235851	37.555	nq	99

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



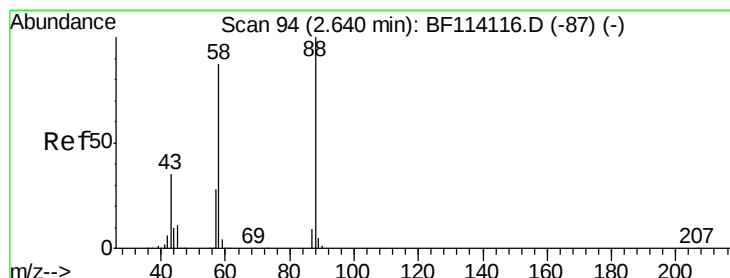
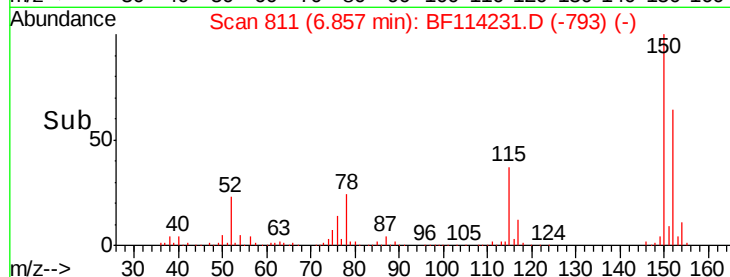
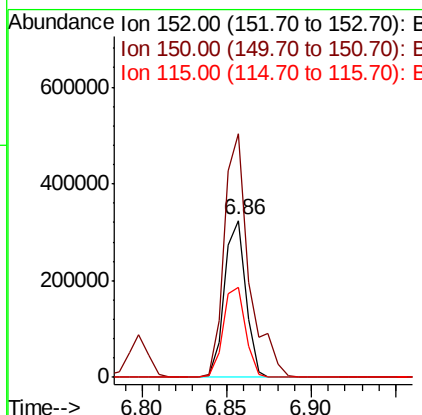
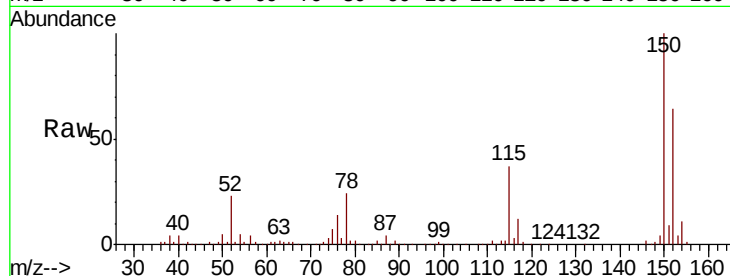
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.3	186.5
115	57.7	49.1	73.7

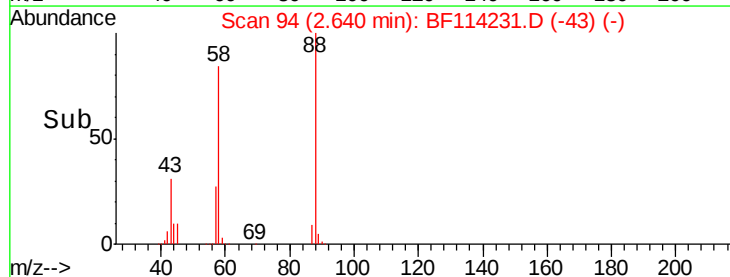
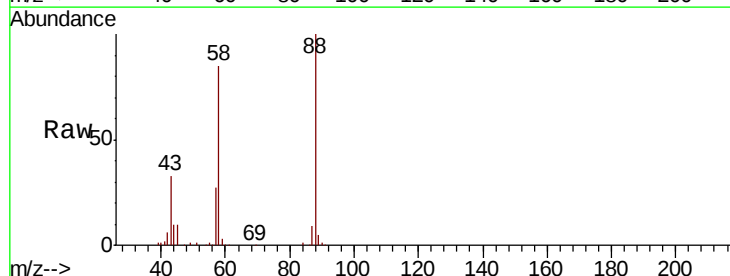
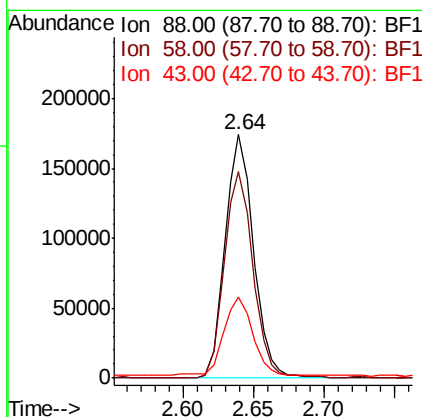
Manual Integrations
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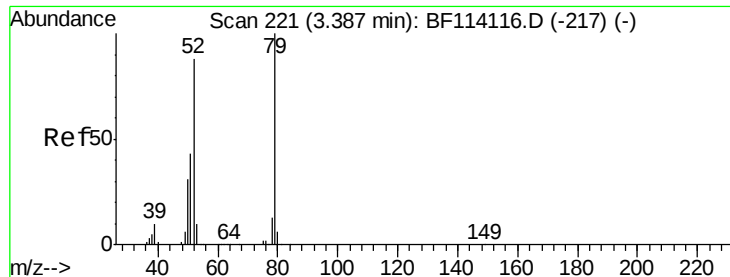
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#2
 1,4-Dioxane
 Concen: 24.899 ng
 RT: 2.64 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	68.7	103.1
43	33.8	28.2	42.2





#3

Pvridine

Concen: 20.073 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

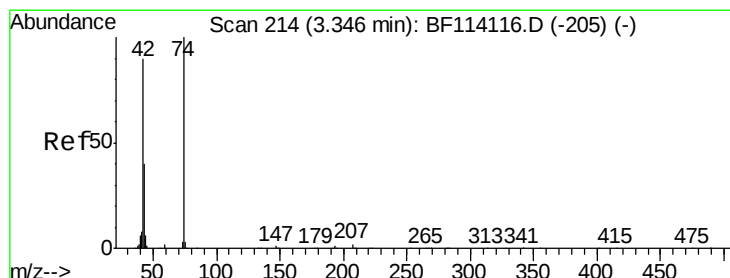
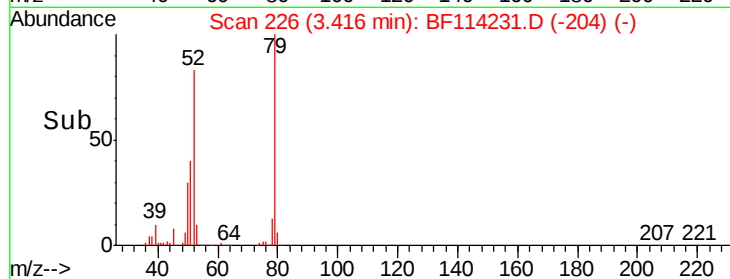
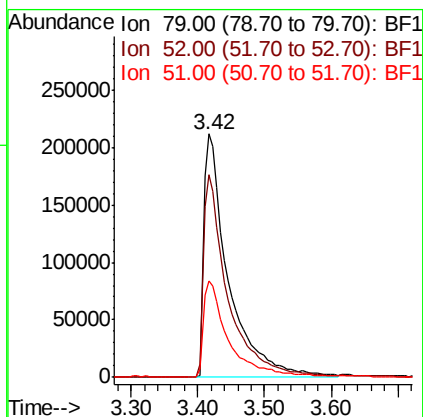
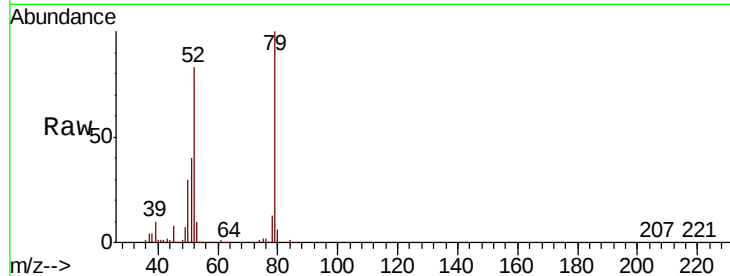
ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:	79	Resp:	540421
Ion Ratio	Lower	Upper	
79	100		
52	83.5	70.6	105.8
51	39.8	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 28.172 ng

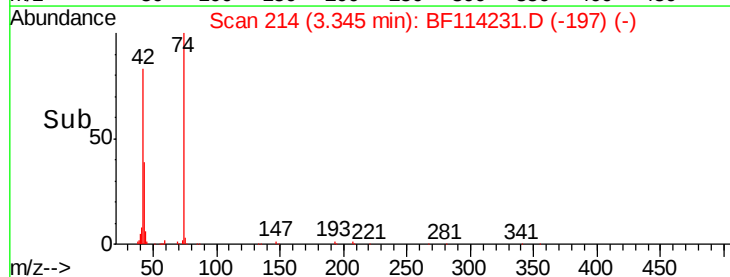
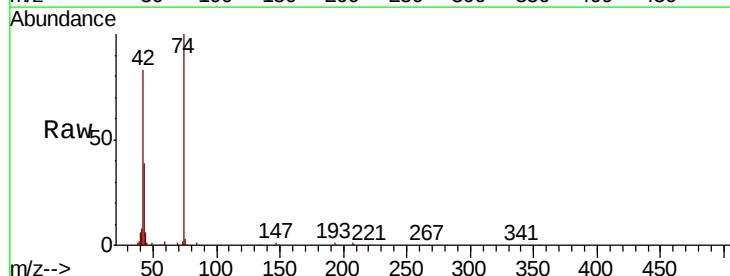
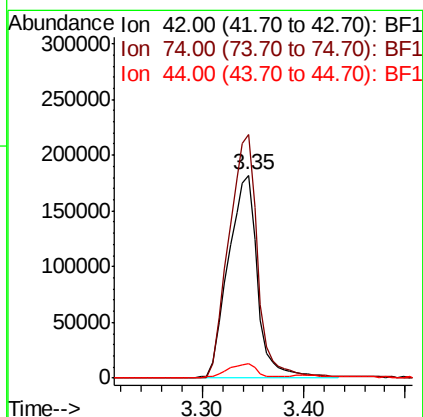
RT: 3.35 min Scan# 214

Delta R.T. -0.00 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Tgt Ion:	42	Resp:	365756
Ion Ratio	Lower	Upper	
42	100		
74	120.1	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 87.037 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion: 112 Resp: 1547296

Ion Ratio Lower Upper

112 100

64 63.9 49.0 73.6

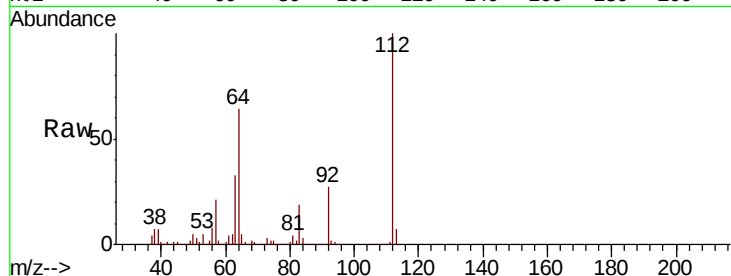
63 32.6 24.6 37.0

Manual Integrations

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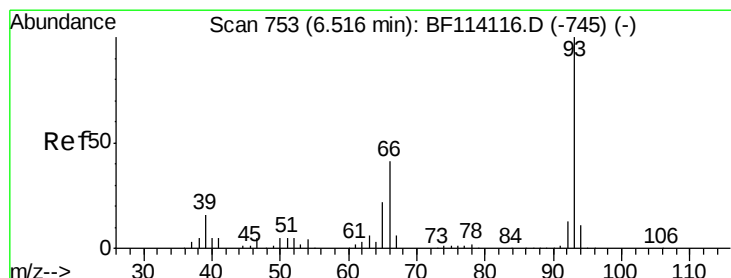
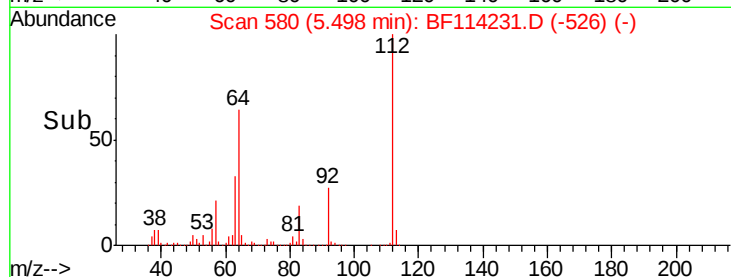
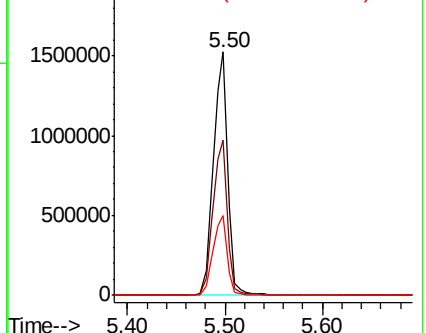
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.180 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

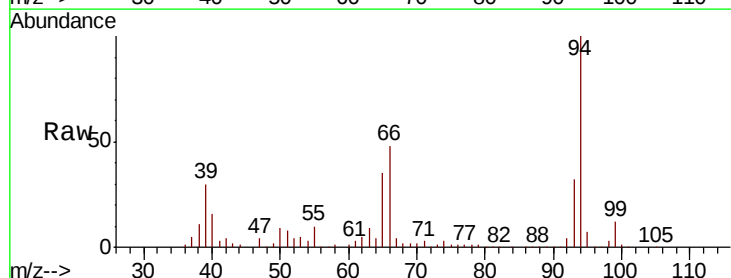
Tgt Ion: 93 Resp: 369939

Ion Ratio Lower Upper

93 100

66 149.2 33.2 49.8#

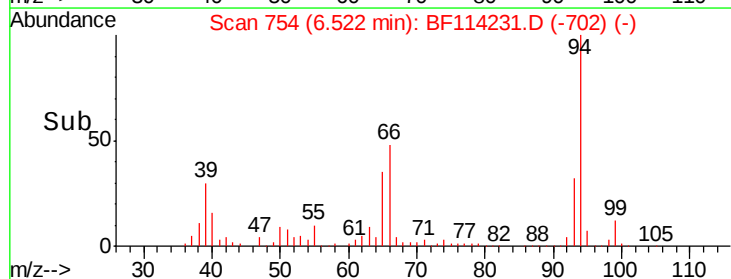
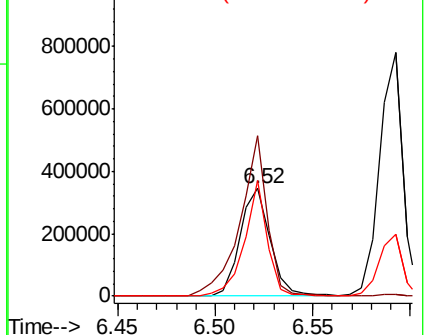
65 106.8 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.913 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion: 99 Resp: 2058725

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

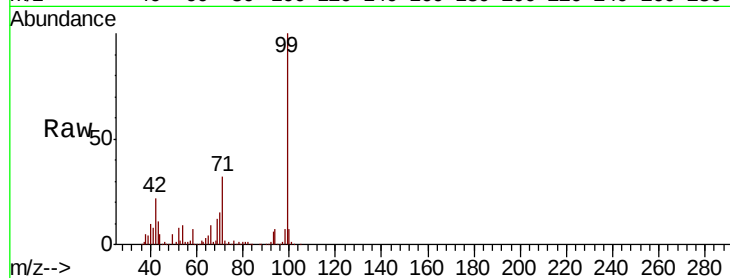
71 32.2 26.2 39.2

Manual Integrations

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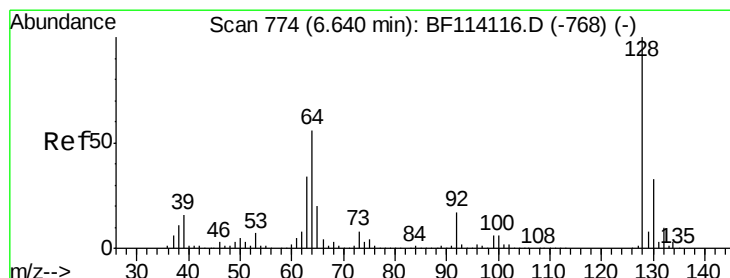
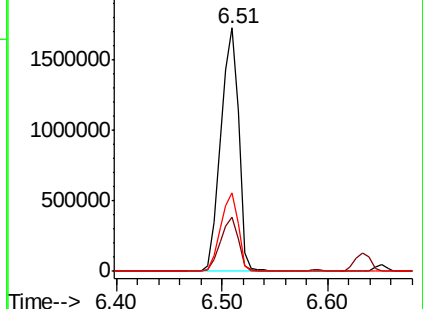
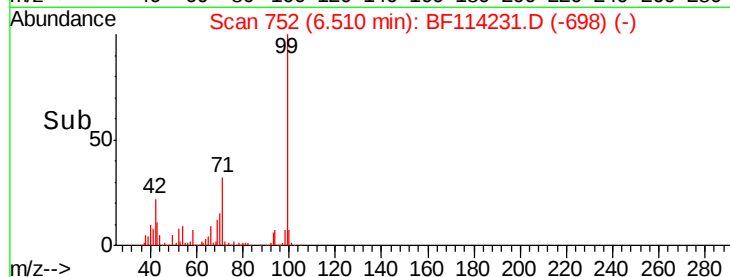
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.217 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

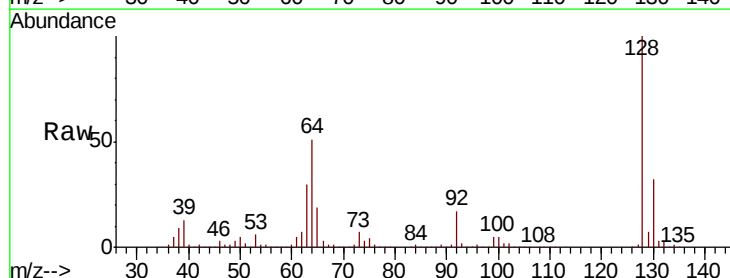
Tgt Ion: 128 Resp: 649390

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

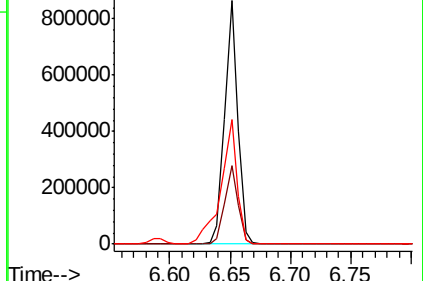
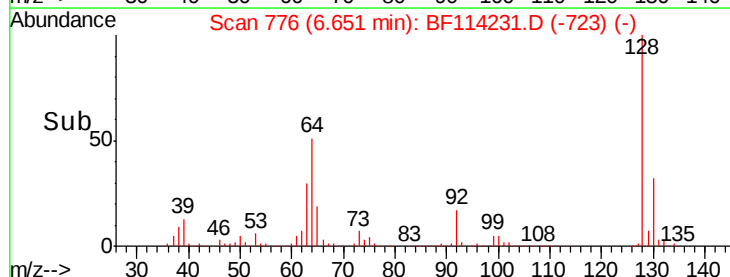
64 51.0 35.9 75.9

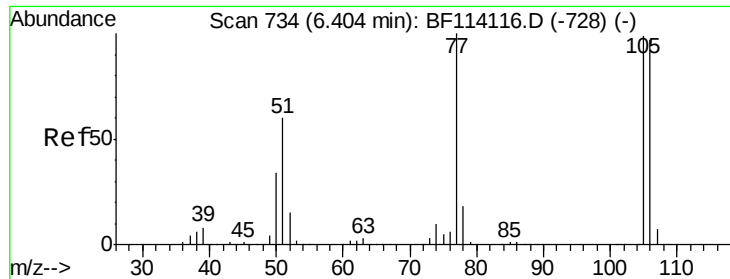


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





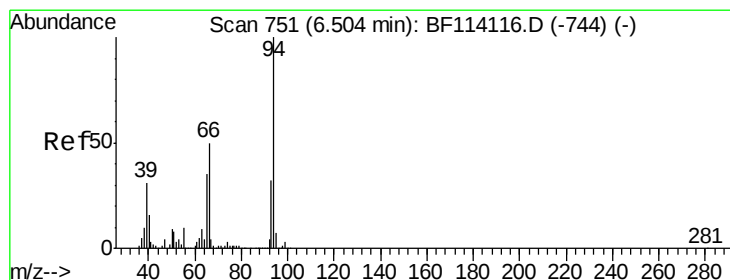
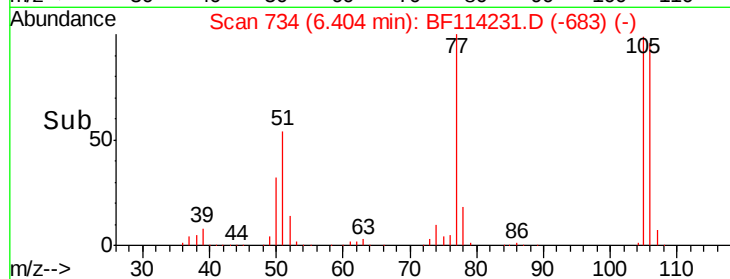
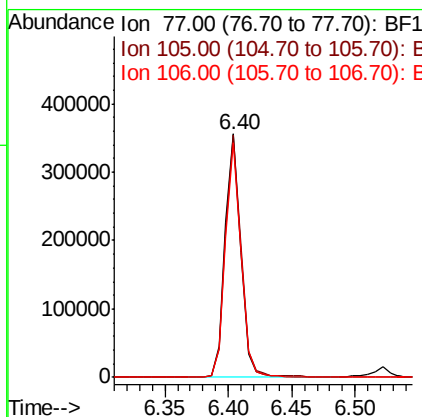
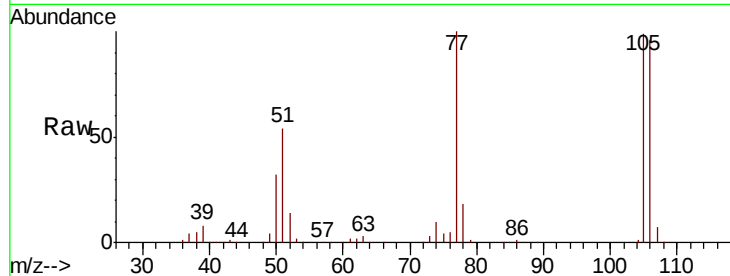
#9
Benzaldehyde
Concen: 20.956 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.5	79.3	119.3		
106	96.3	77.0	117.0		

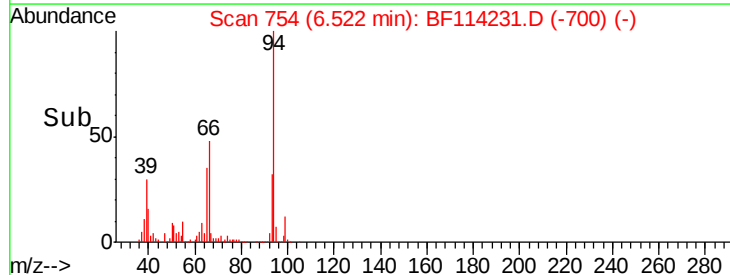
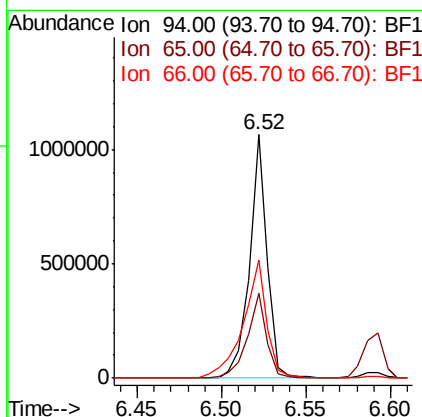
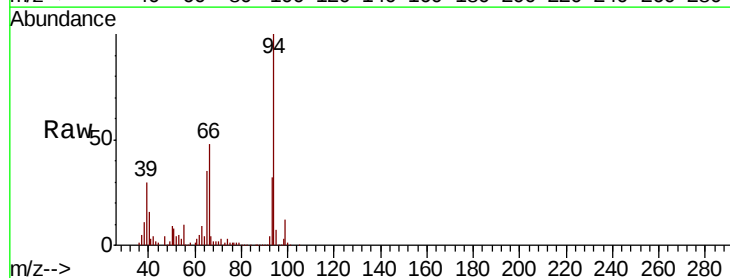
Manual Integrations
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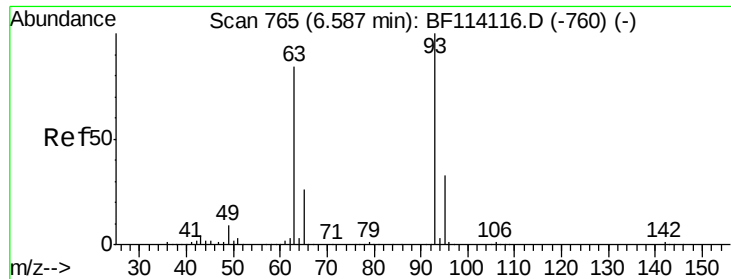
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#10
Phenol
Concen: 31.458 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.7	14.7	54.7		
66	48.4	29.6	69.6		





#11

bis(2-Chloroethyl)ether

Concen: 34.001 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

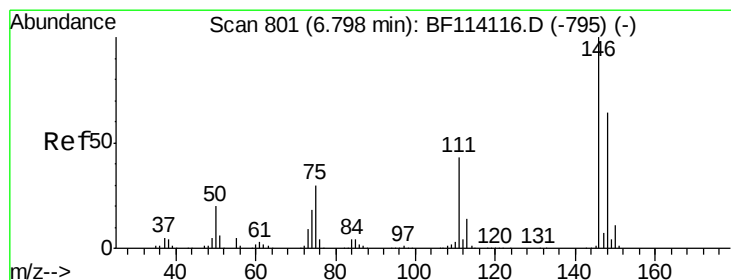
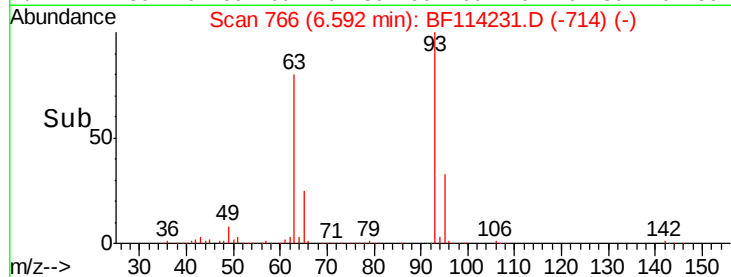
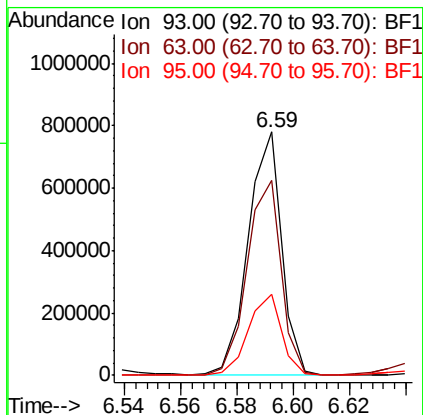
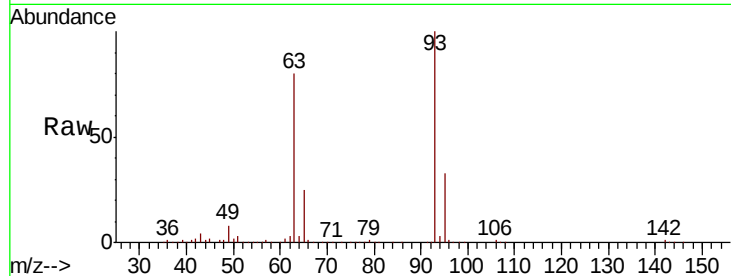
ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:	93	Resp:	638479
Ion	Ratio	Lower	Upper
93	100		
63	79.8	63.6	103.6
95	33.3	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 30.844 ng

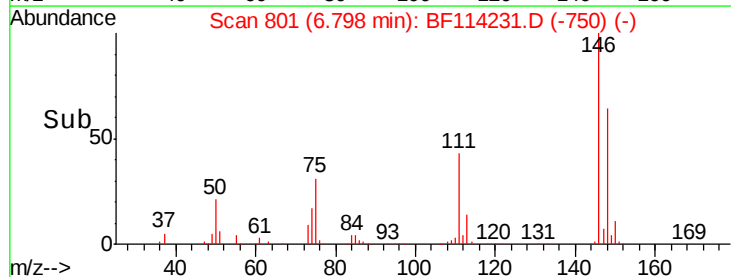
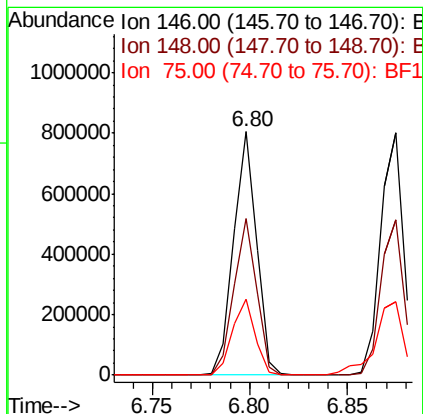
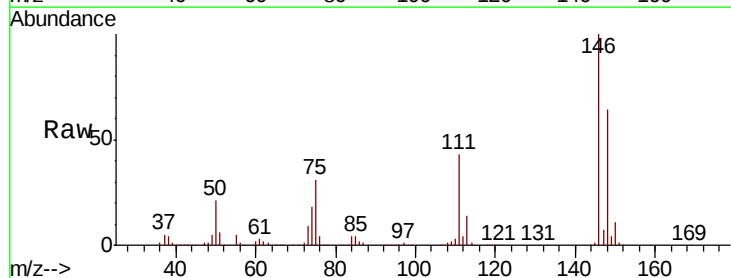
RT: 6.80 min Scan# 801

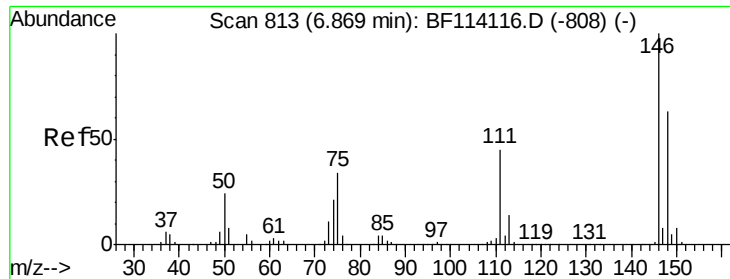
Delta R.T. -0.00 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Tgt Ion:	146	Resp:	657092
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
75	31.2	24.2	36.2





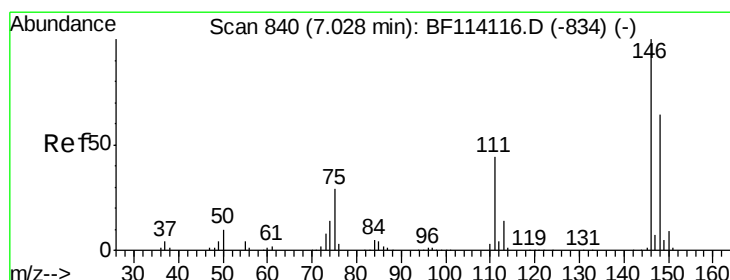
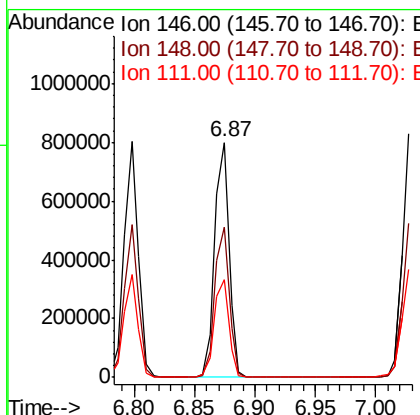
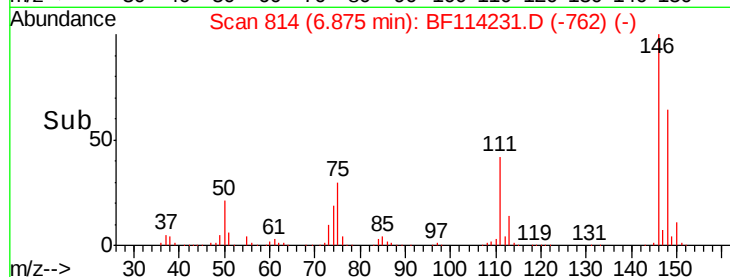
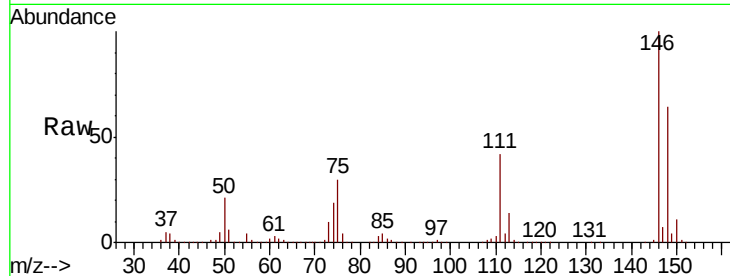
#13
1,4-Dichlorobenzene
Concen: 30.544 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	41.8	35.8	53.6

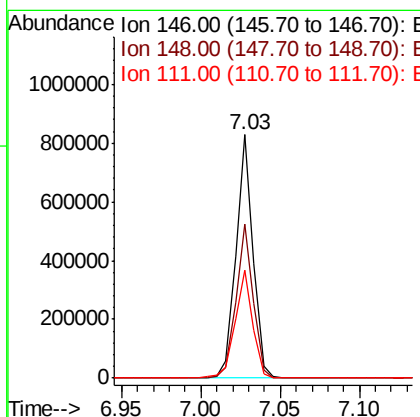
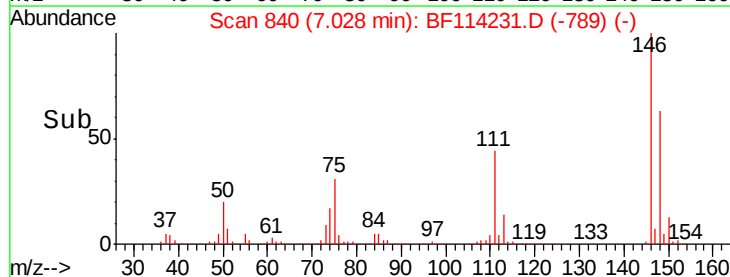
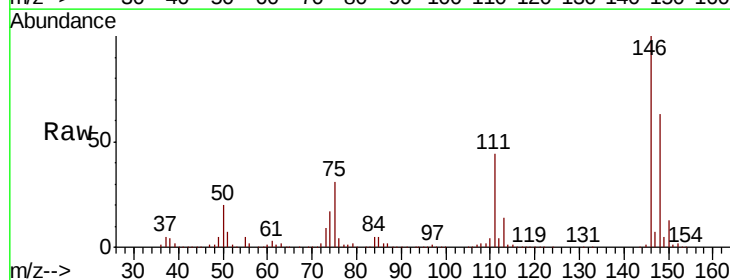
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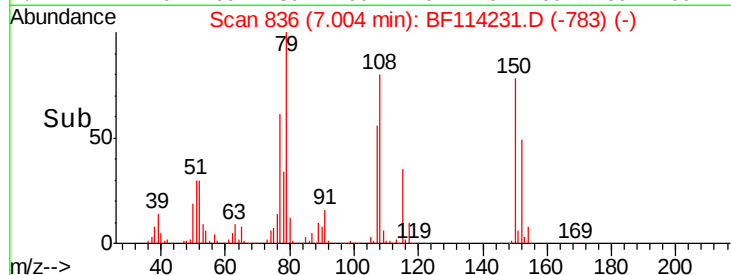
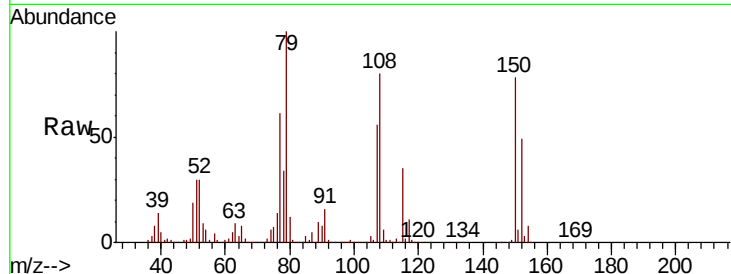
Sohil
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#14
1,2-Dichlorobenzene
Concen: 31.474 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	44.3	35.3	52.9





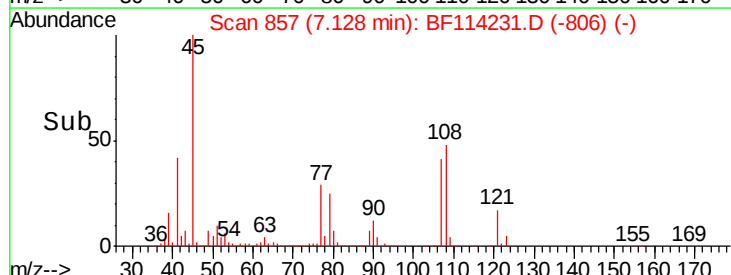
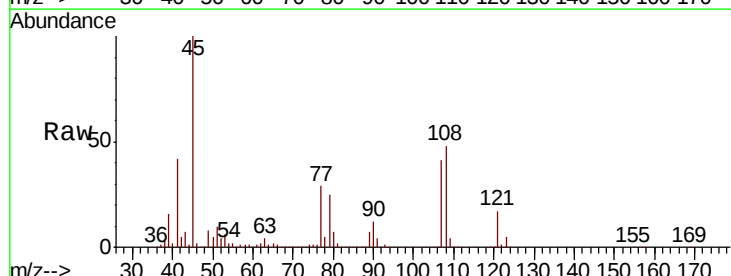
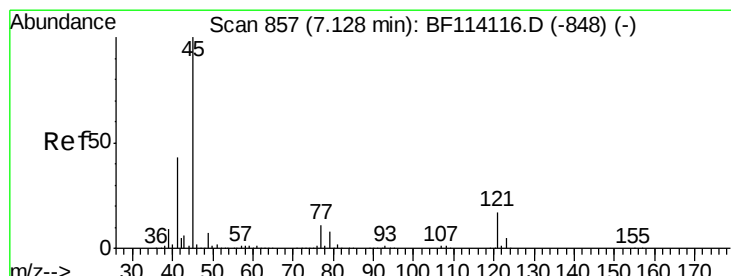
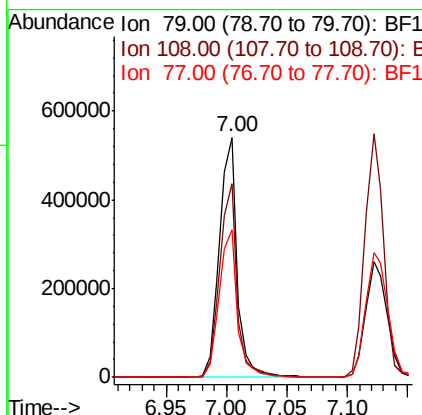
#15
Benzyl Alcohol
Concen: 33.370 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	62.1	93.1
77	61.3	51.0	76.6

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

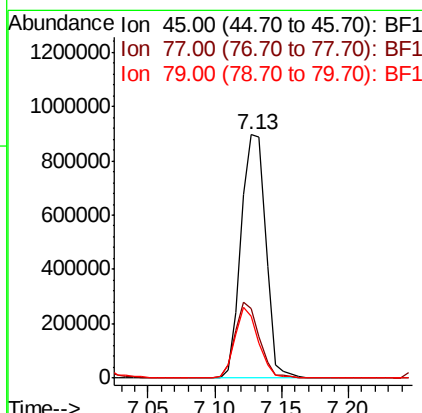
Manual Integrations
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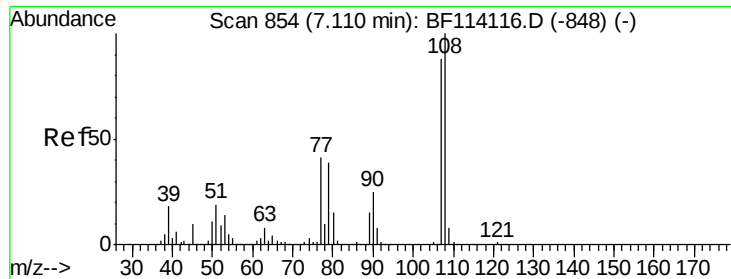
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.466 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.8	0.0	31.1
79	25.5	0.0	28.4





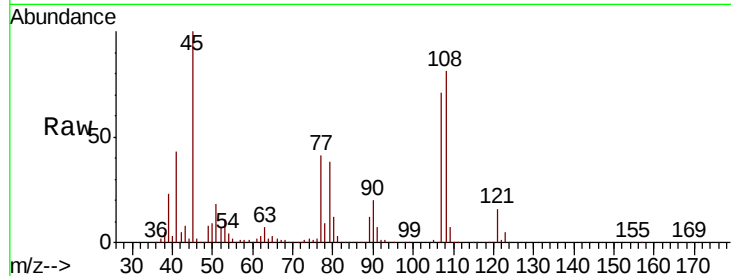
#17
2-Methylphenol
Concen: 33.077 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.5	135.7	
77	58.0	37.0	55.4	
79	53.9	35.8	53.8	

Manual Integrations
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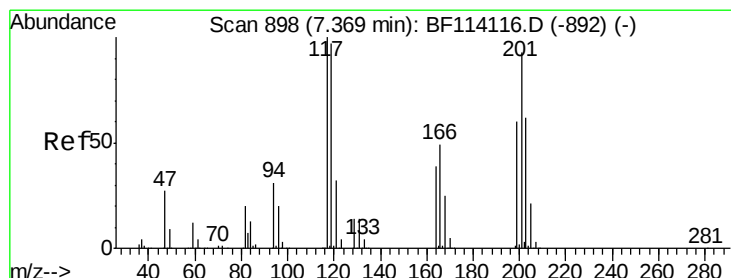
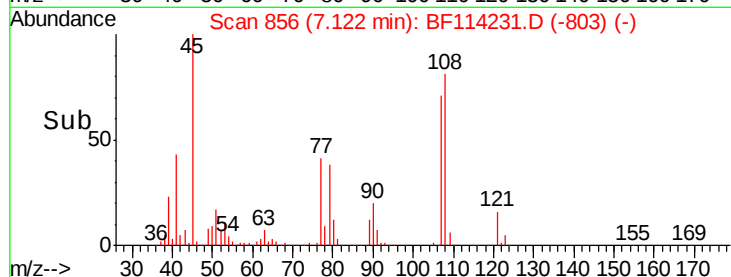
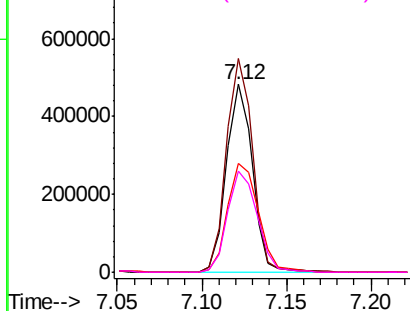
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.147 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

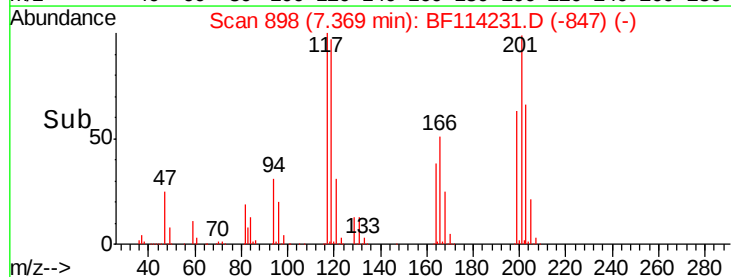
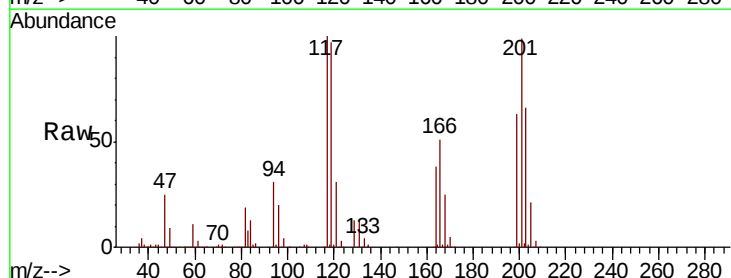
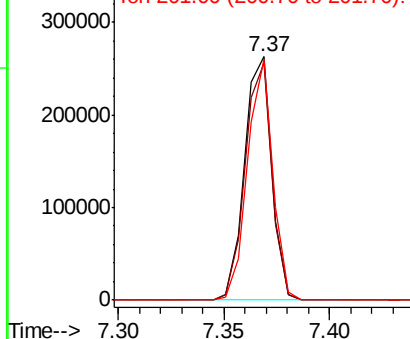
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.4	116.2	
201	99.1	74.5	111.7	

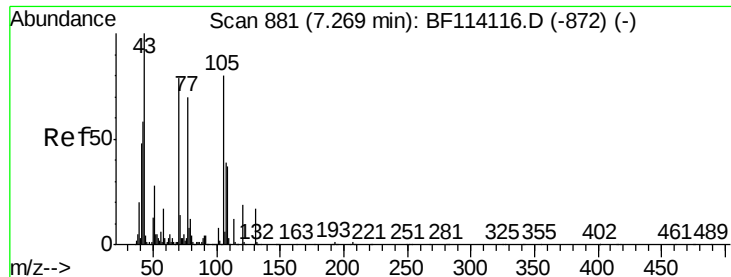
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





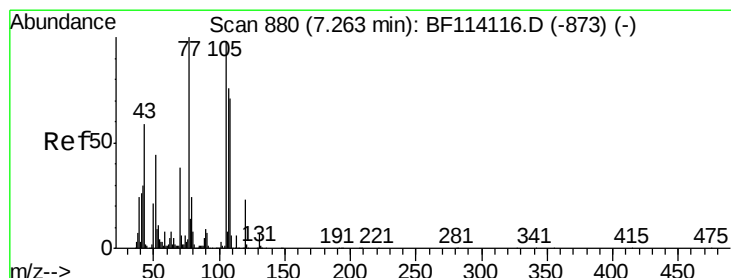
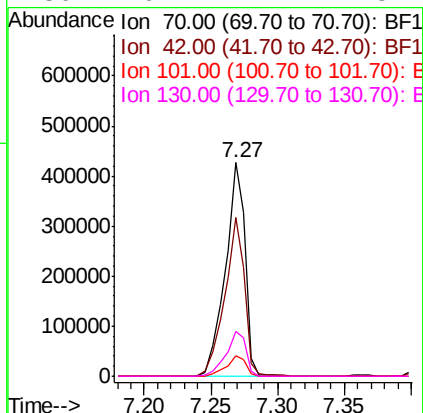
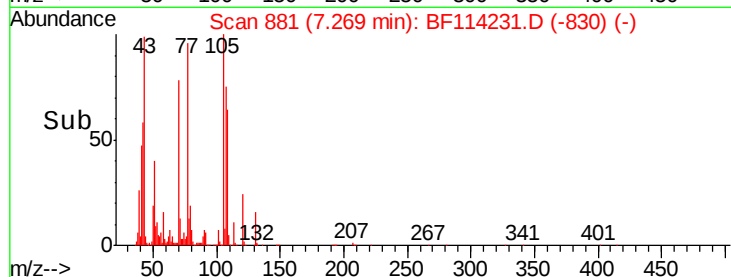
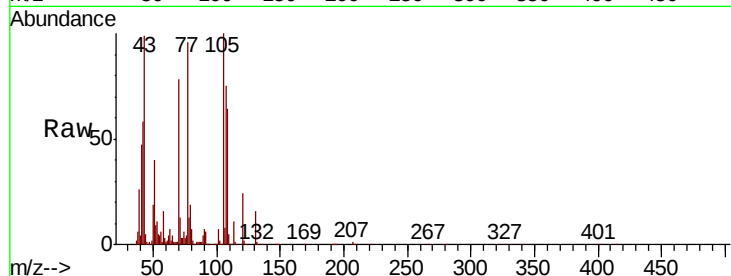
#19
n-Nitroso-di-n-propylamine
Concen: 33.674 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.4	58.6	87.8
101	9.5	7.8	11.8
130	20.7	17.1	25.7

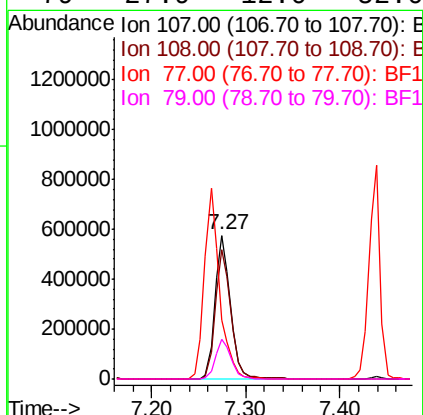
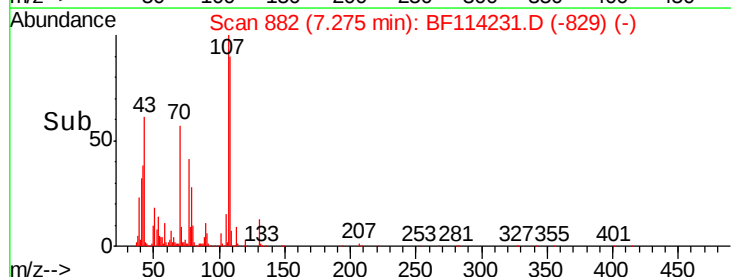
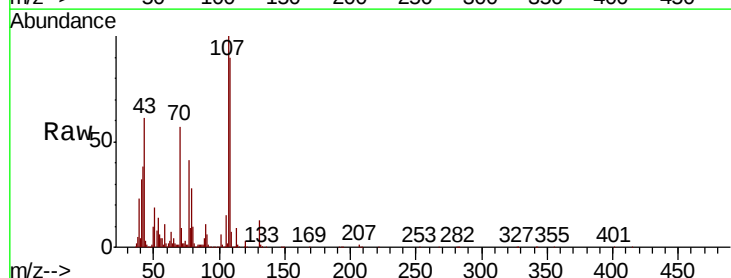
Manual Integrations
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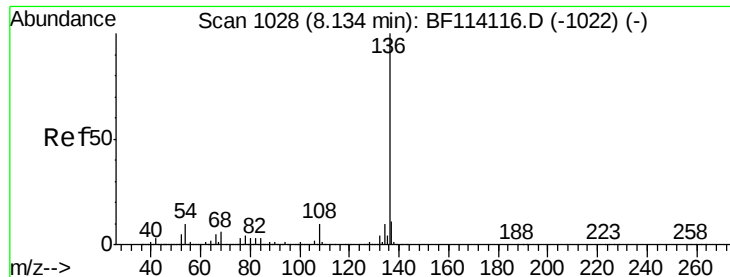
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#20
3+4-Methylphenols
Concen: 36.941 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	73.8	113.8
77	40.6	111.5	151.5#
79	27.9	12.0	52.0





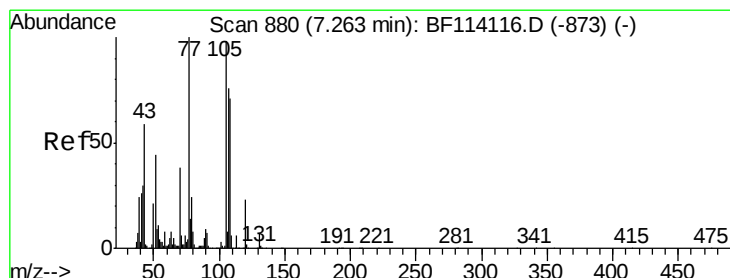
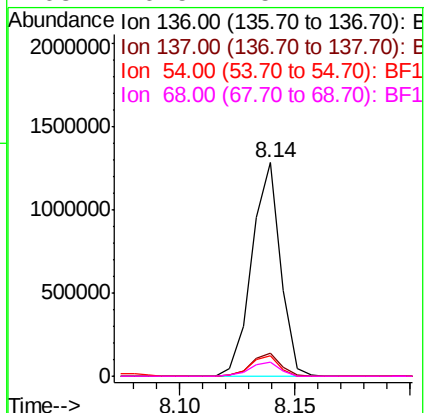
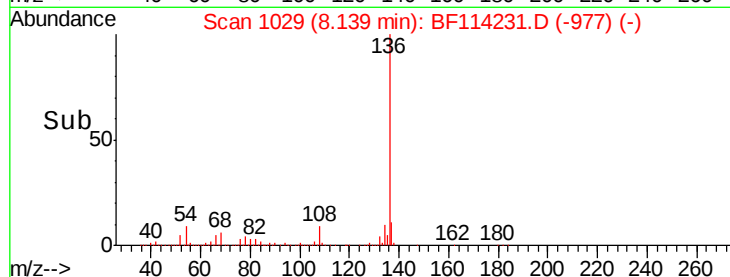
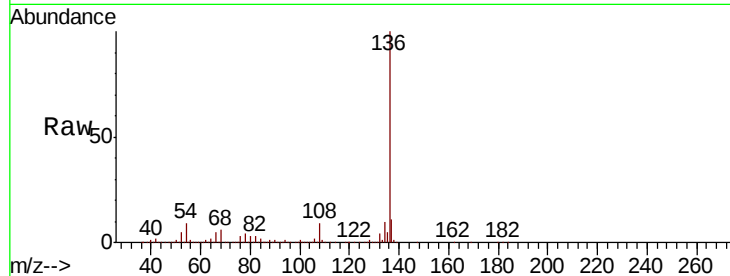
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.3	7.8	11.8
68	6.5	5.1	7.7

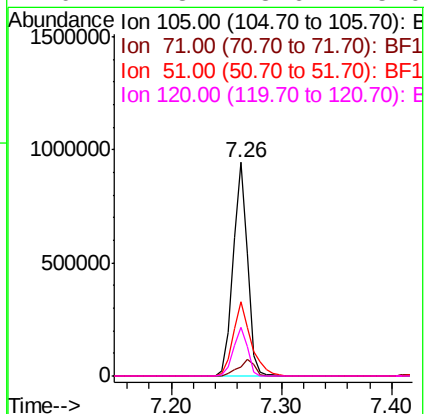
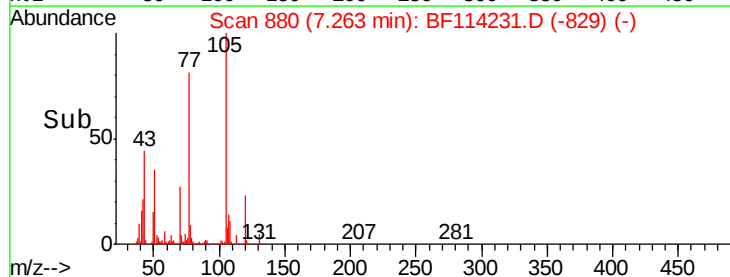
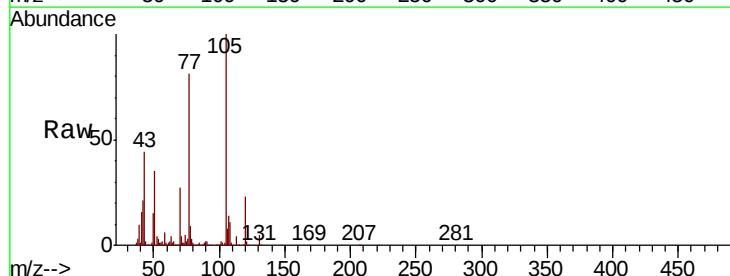
Manual Integrations
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#22
Acetophenone
Concen: 35.079 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	5.3	7.9#
51	35.0	36.2	54.4#
120	22.8	18.6	28.0





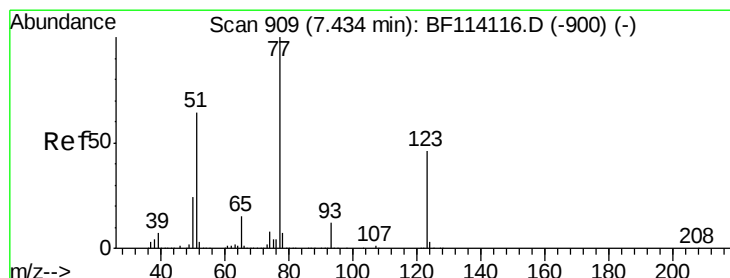
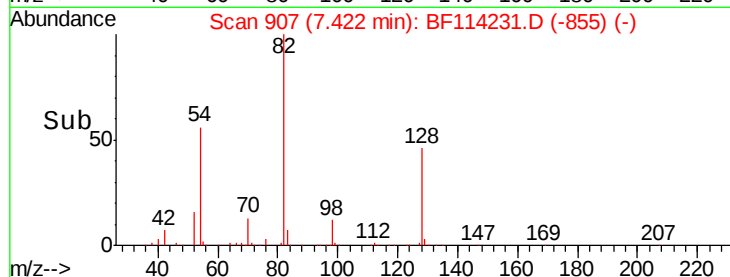
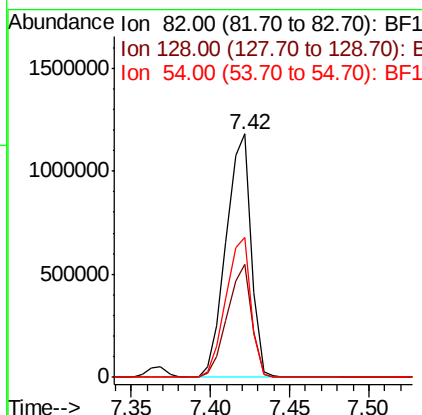
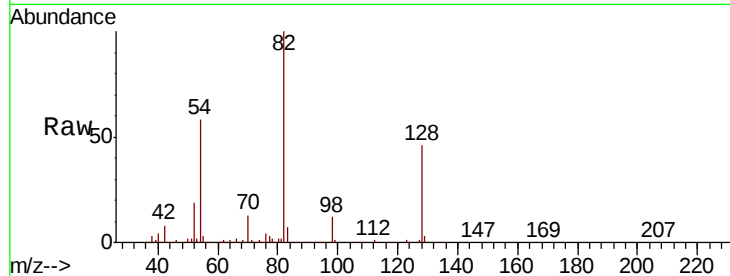
#23
 Nitrobenzene-d5
 Concen: 65.280 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.5	53.3
54	57.6	48.5	72.7

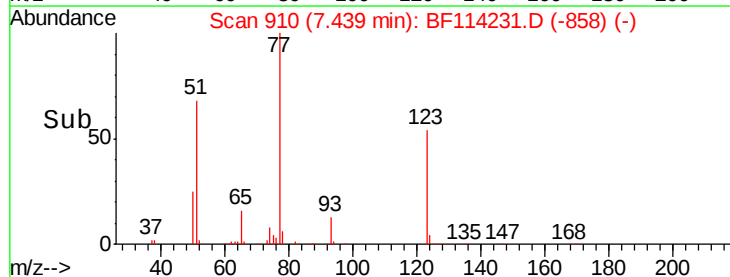
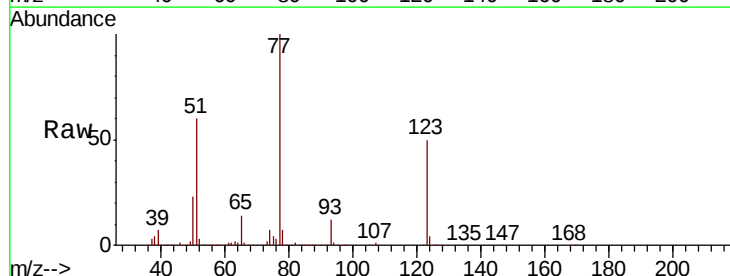
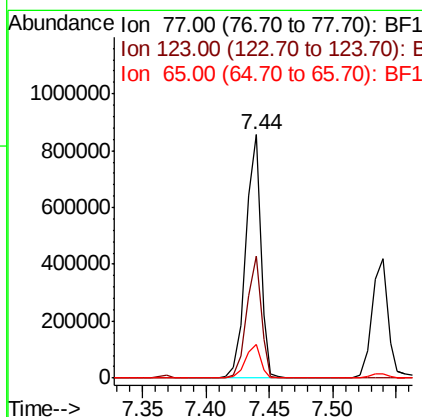
Manual Integrations
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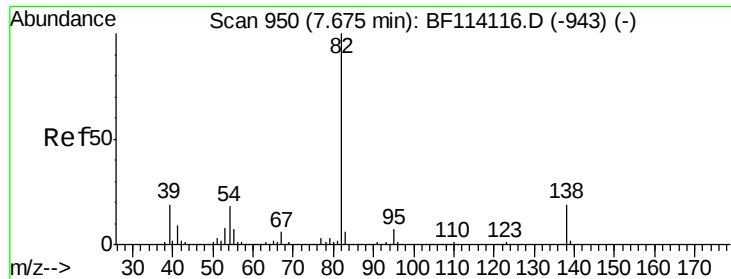
Sohil
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#24
 Nitrobenzene
 Concen: 34.427 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	36.9	55.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 34.421 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion: 82 Resp: 1267143

Ion Ratio Lower Upper

82 100

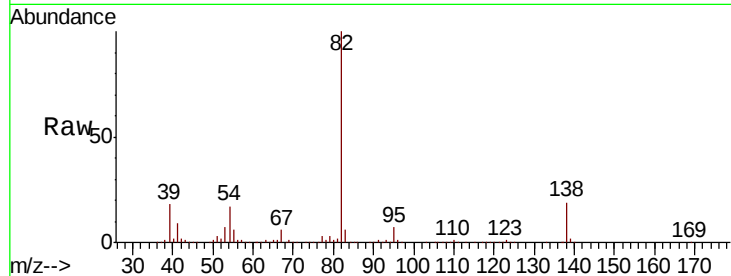
95 6.8 5.6 8.4

138 19.3 14.8 22.2

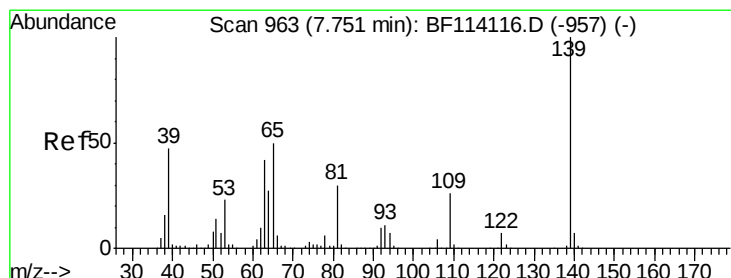
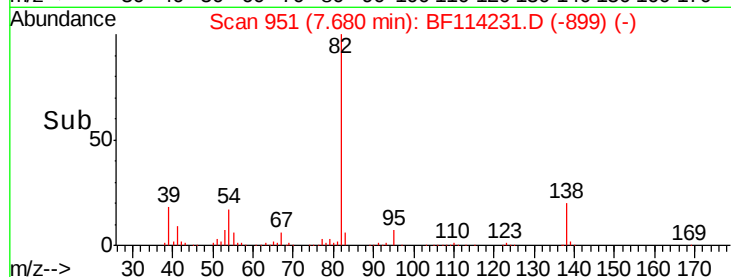
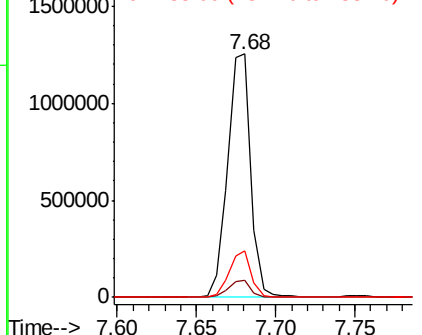
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.786 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

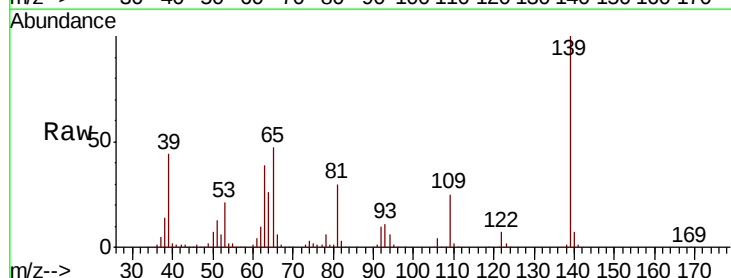
Tgt Ion: 139 Resp: 360822

Ion Ratio Lower Upper

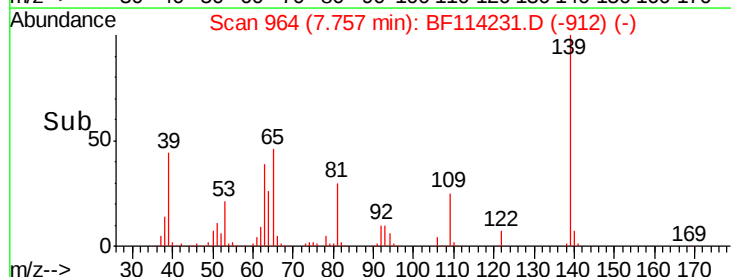
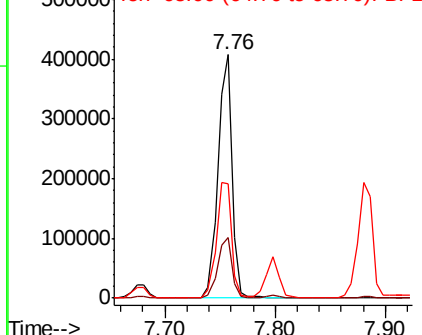
139 100

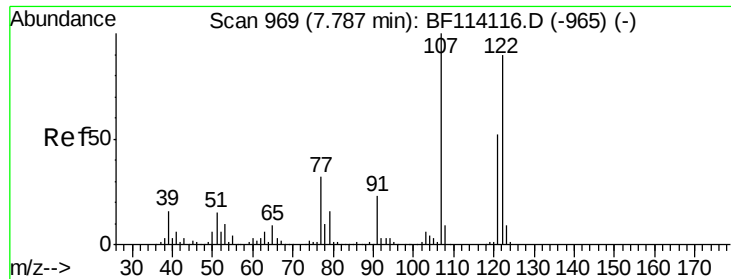
109 25.0 20.7 31.1

65 46.8 40.2 60.2



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





#27

2,4-Dimethylphenol

Concen: 37.744 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

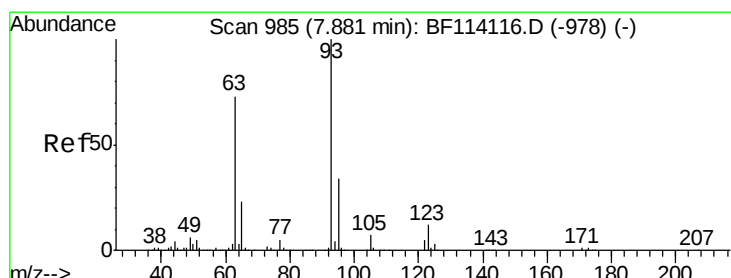
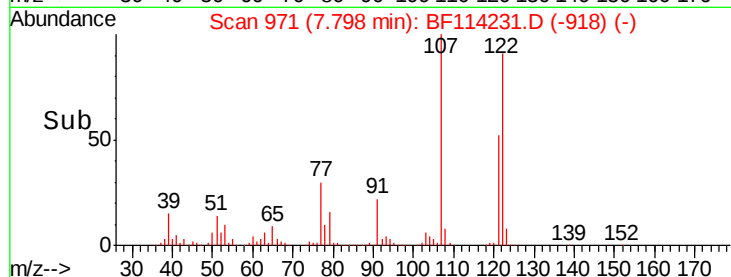
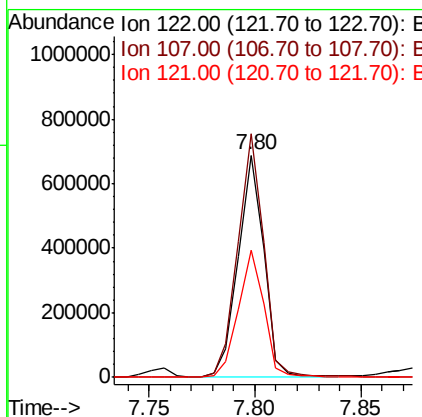
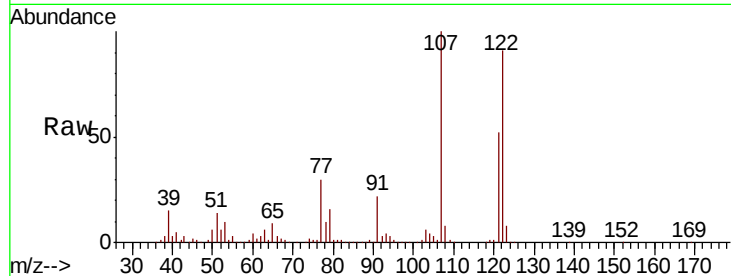
ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:	122	Resp:	581460
Ion Ratio	Lower	Upper	
122	100		
107	109.5	88.4	132.6
121	56.9	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 34.319 ng

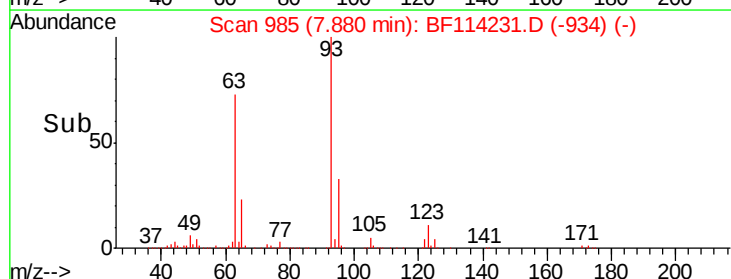
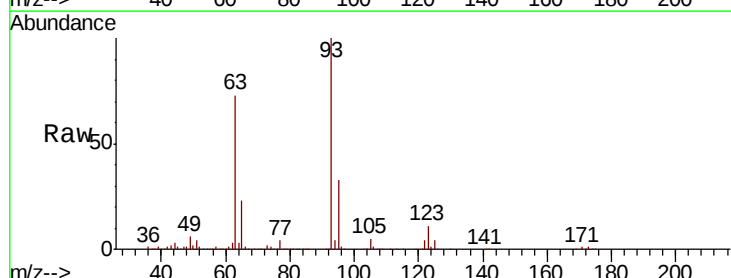
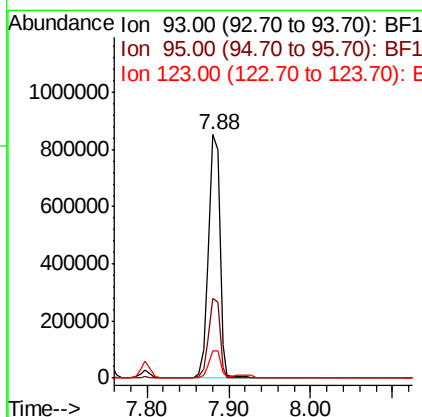
RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Tgt Ion:	93	Resp:	819730
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.8	40.2
123	11.2	9.5	14.3





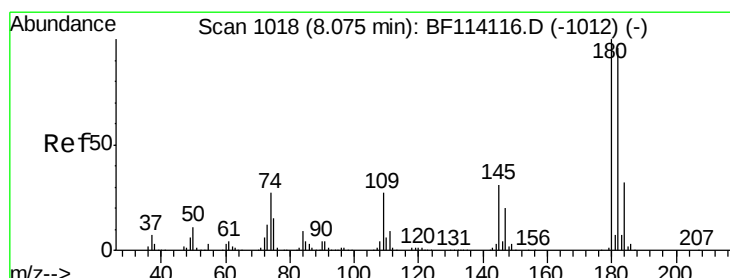
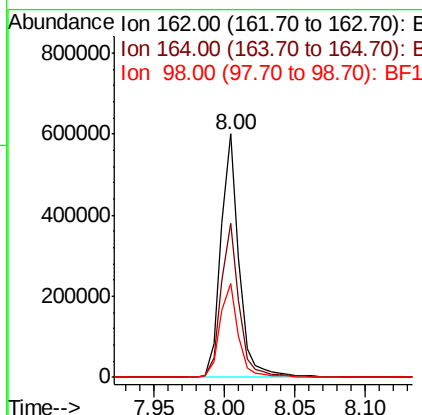
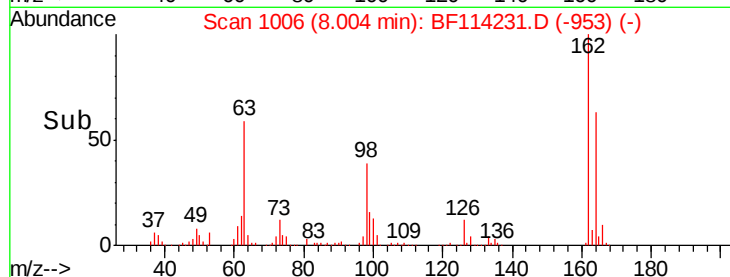
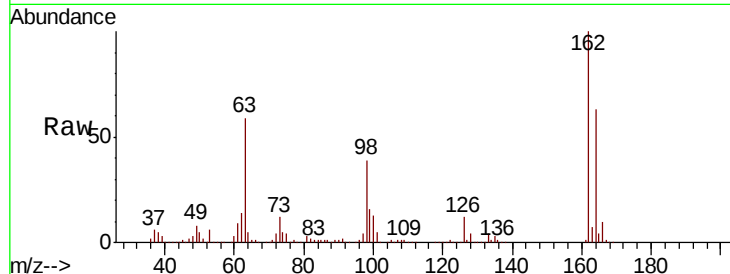
#29
2,4-Dichlorophenol
Concen: 35.252 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	540764		
164	63.1	43.6	83.6	
98	38.6	20.6	60.6	

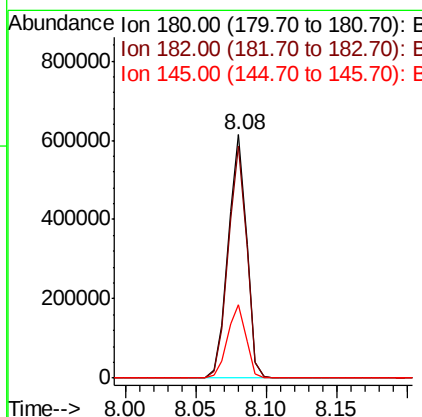
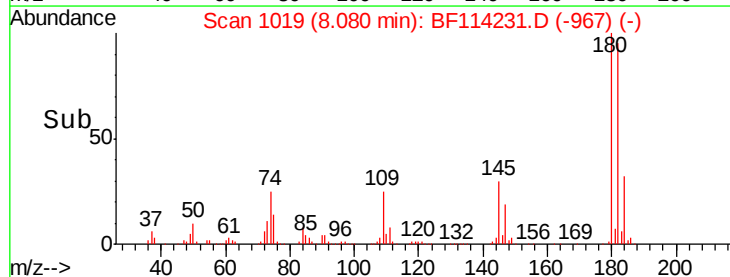
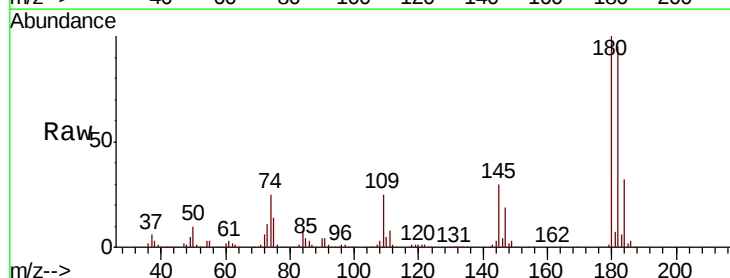
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#30
1,2,4-Trichlorobenzene
Concen: 31.966 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	557607		
182	95.2	76.6	114.8	
145	30.3	25.1	37.7	





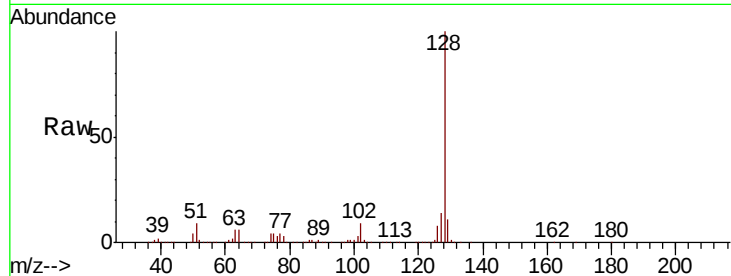
#31
Naphthalene
Concen: 34.790 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	13.6	11.3	16.9

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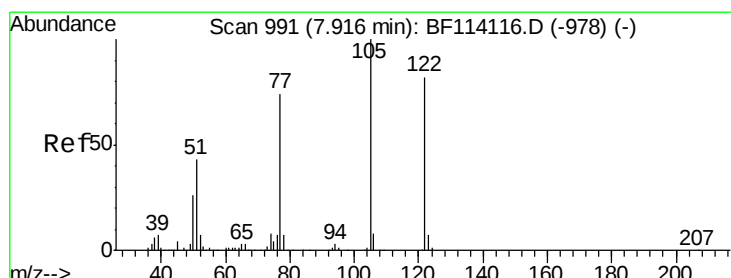
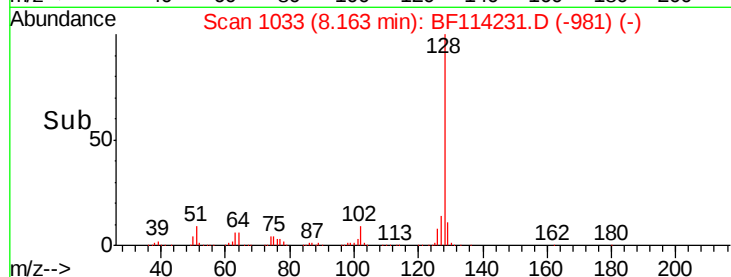
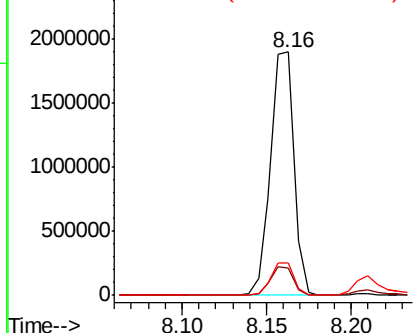


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 33.583 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

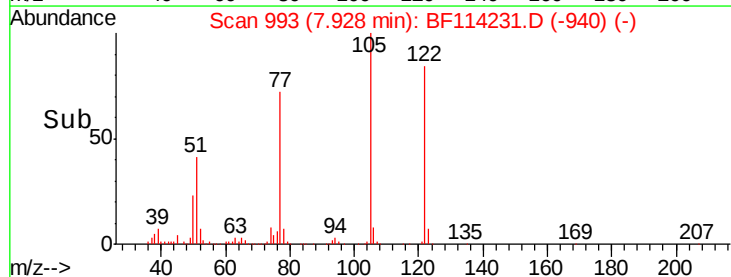
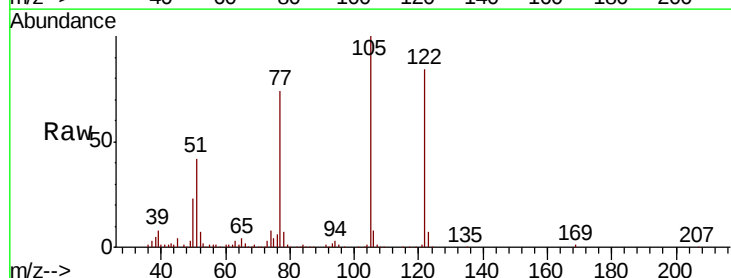
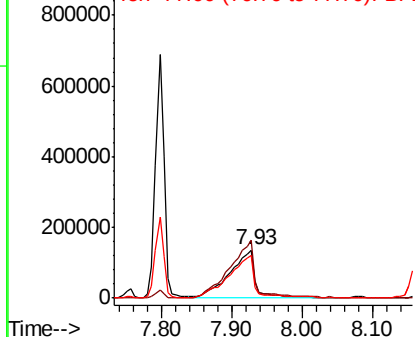
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	99.9	139.9
77	87.8	69.4	109.4

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





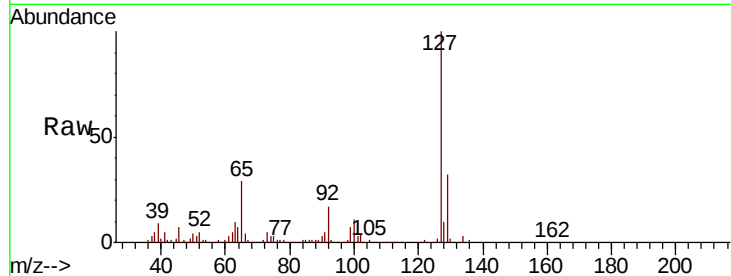
#33
4-Chloroaniline
Concen: 7.996 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

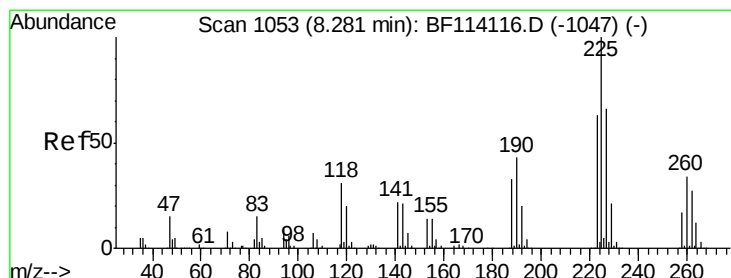
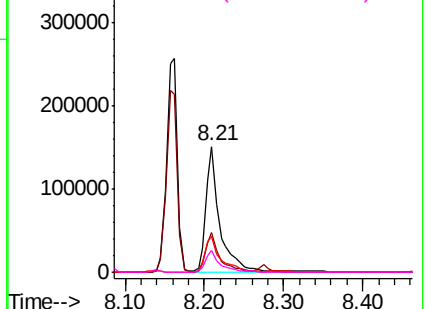
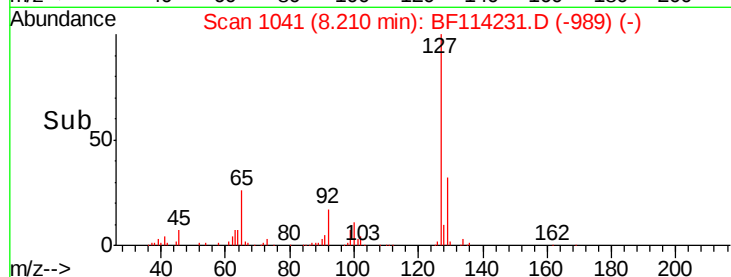
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.7	40.1	
65	28.9	25.4	38.0	
92	17.3	15.4	23.2	

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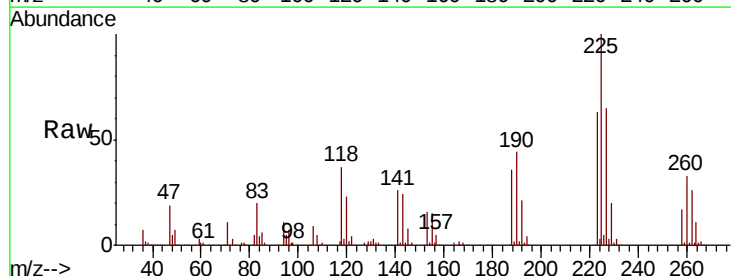


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

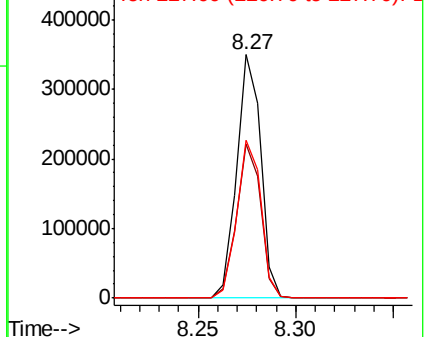
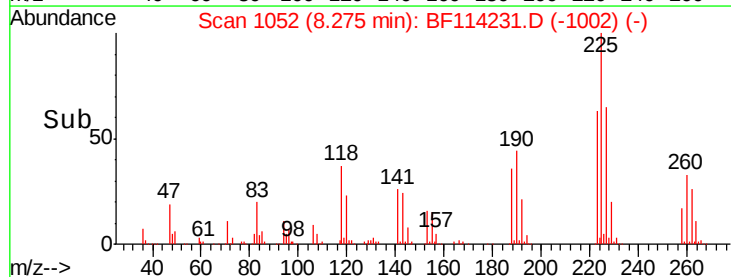


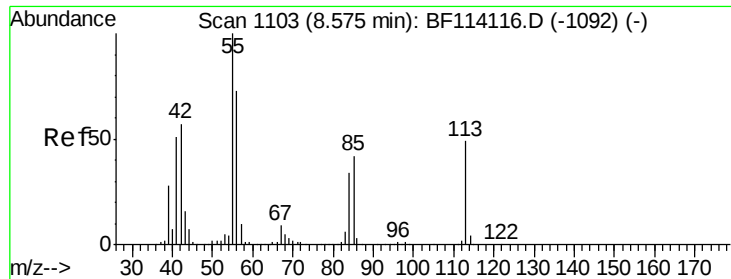
#34
Hexachlorobutadiene
Concen: 30.225 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.2	75.2	
227	65.0	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: 37.433 ng m

RT: 8.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:113 Resp: 187237

Ion Ratio Lower Upper

113 100

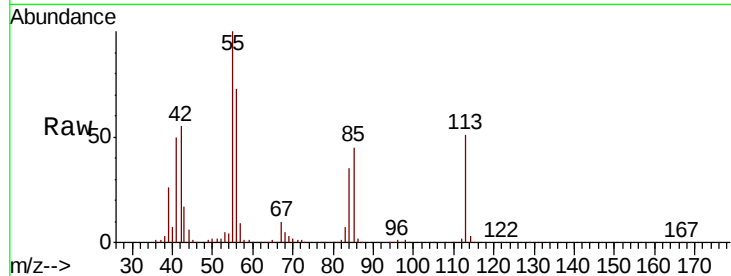
55 197.2 183.5 223.5

56 144.7 128.8 168.8

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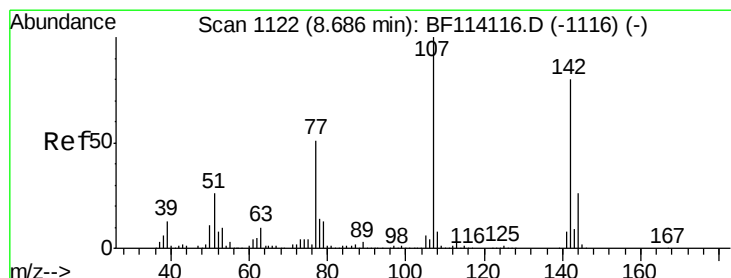
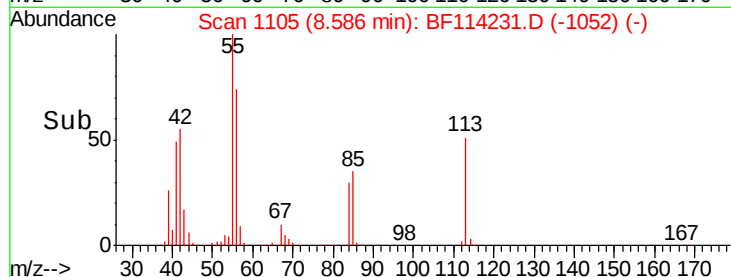
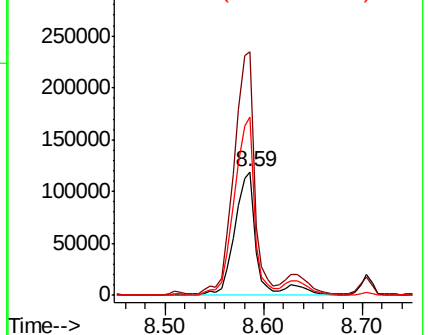
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.908 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

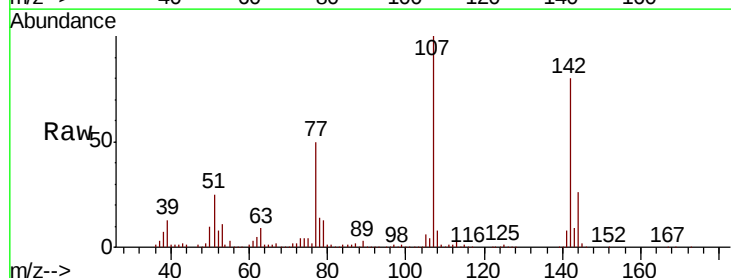
Tgt Ion:107 Resp: 569891

Ion Ratio Lower Upper

107 100

144 26.3 20.4 30.6

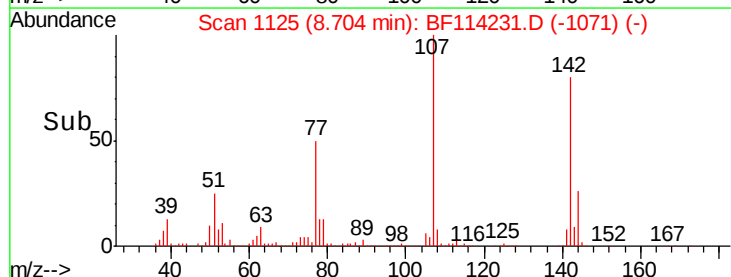
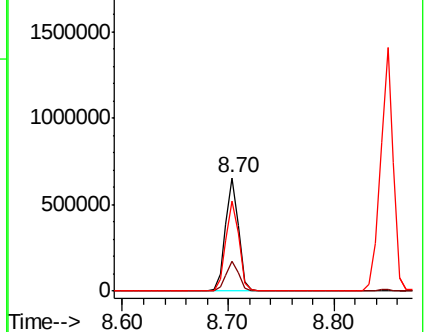
142 79.7 64.2 96.4

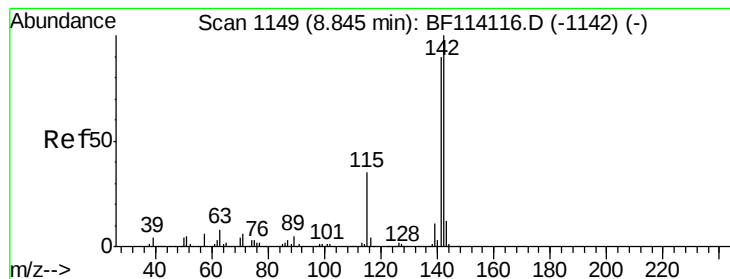


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





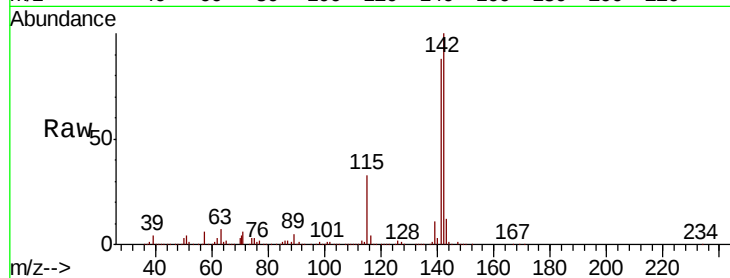
#37
2-Methylnaphthalene
Concen: 36.058 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.1	108.1
115	32.9	28.0	42.0

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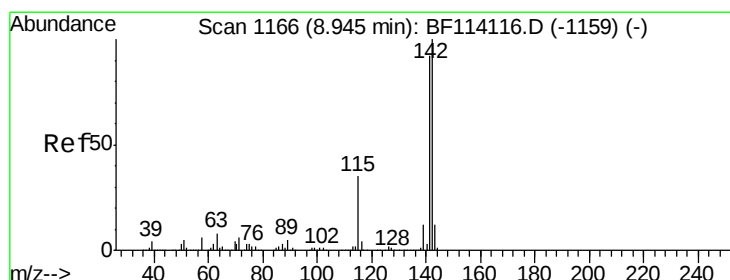
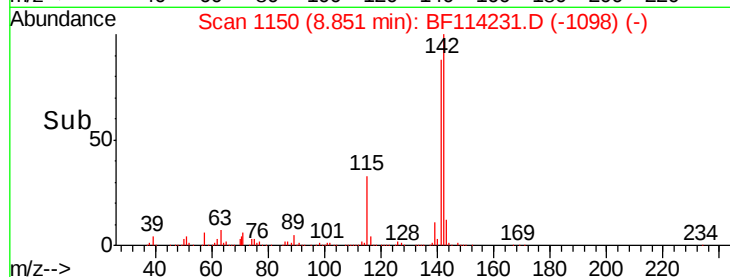
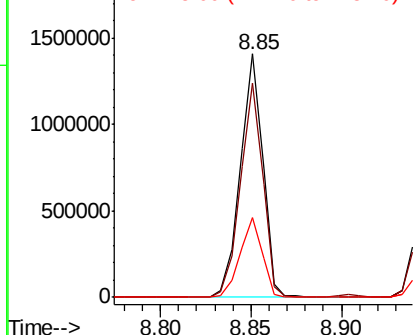


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.081 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

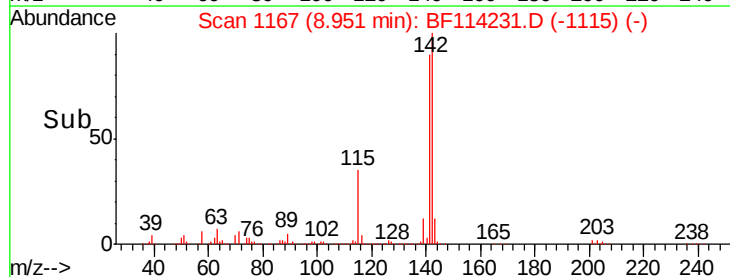
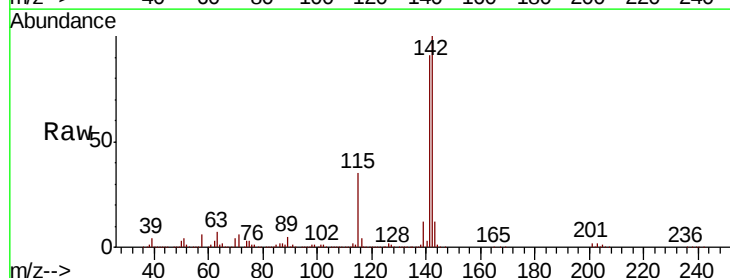
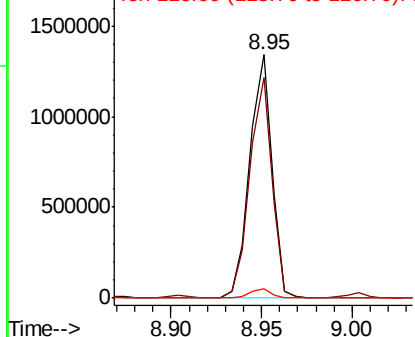
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.4	110.0
116	3.6	3.1	4.7

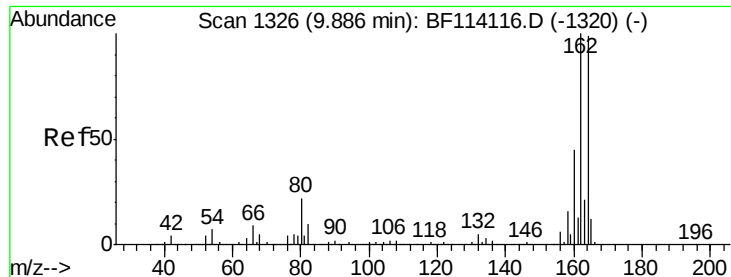
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





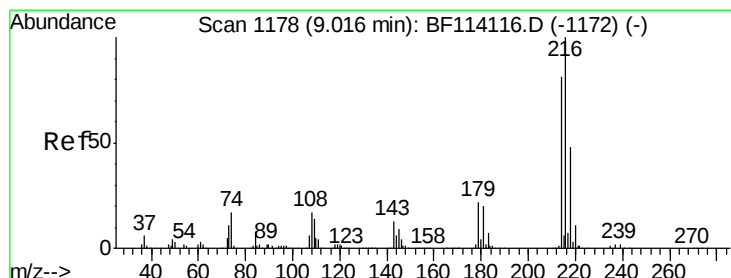
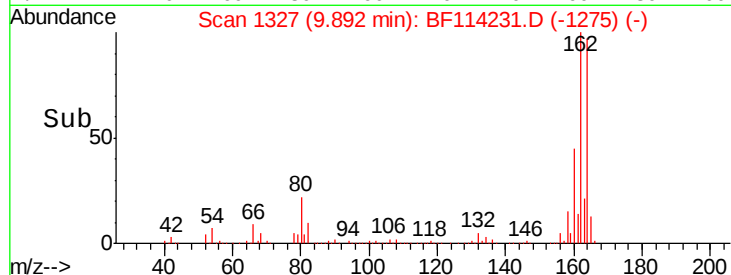
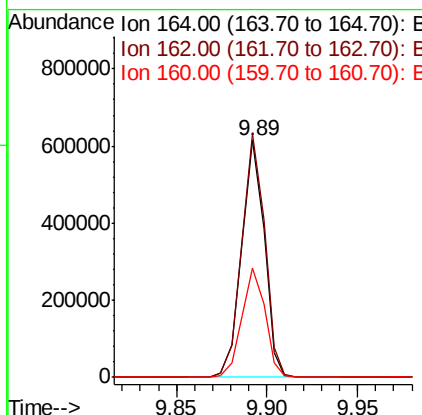
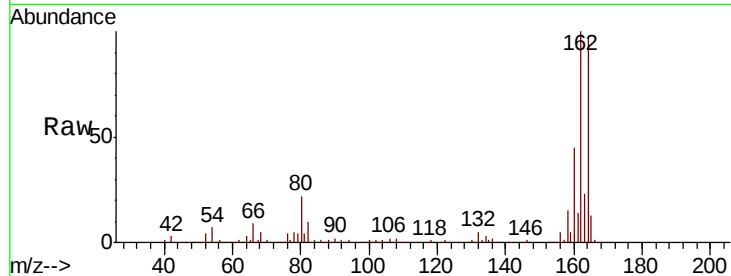
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	80.6	120.8	
160	45.9	36.5	54.7	

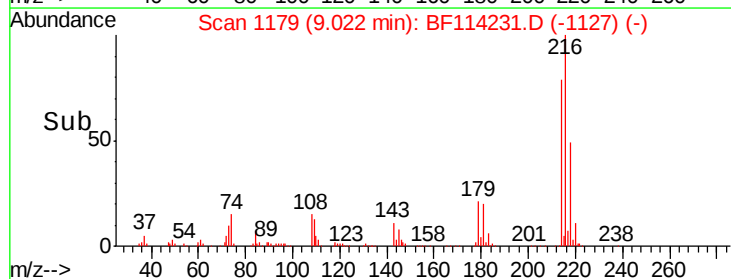
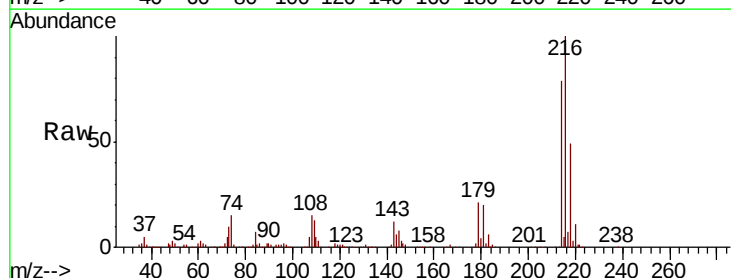
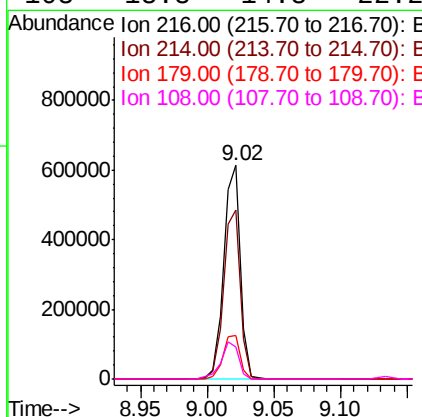
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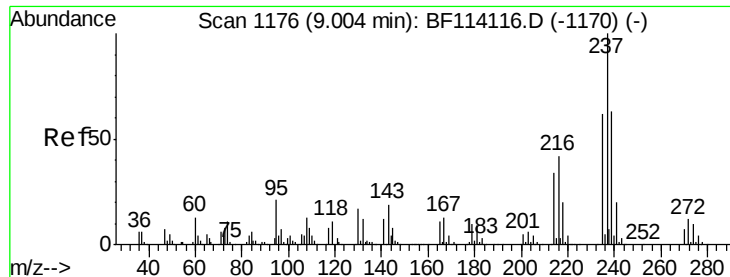
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.162 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	63.9	95.9	
179	21.2	17.0	25.6	
108	18.8	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 24.870 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

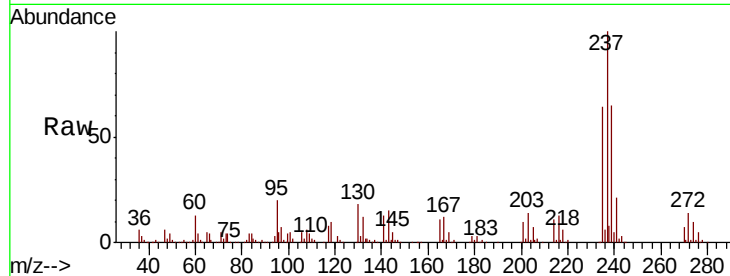
ClientSampleId :

P026-SS002-1218-01MSD

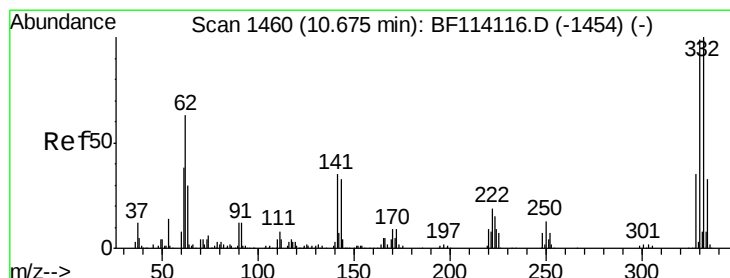
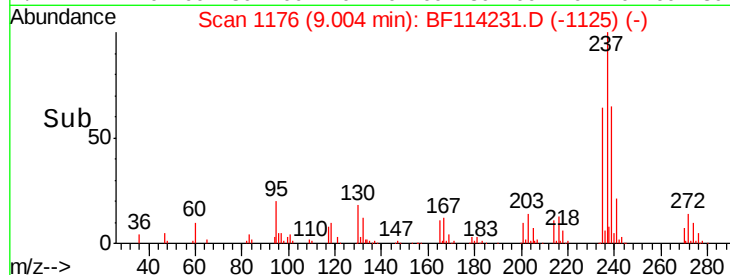
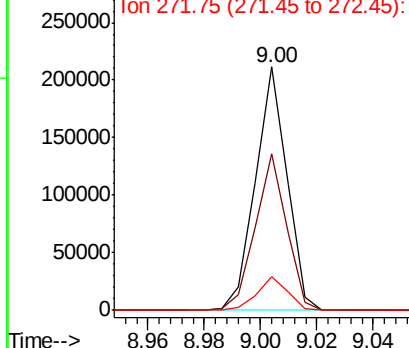
Tot Ion:	237	Resp:	164398
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.0	82.0
272	13.7	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 84.244 ng

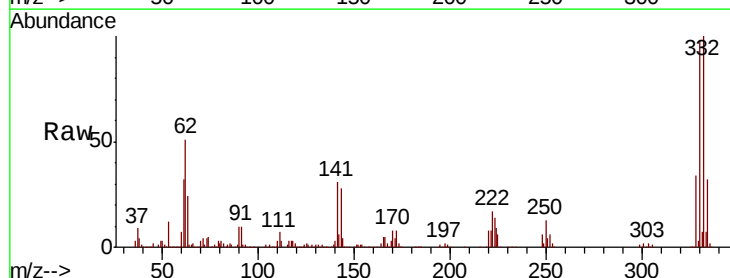
RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

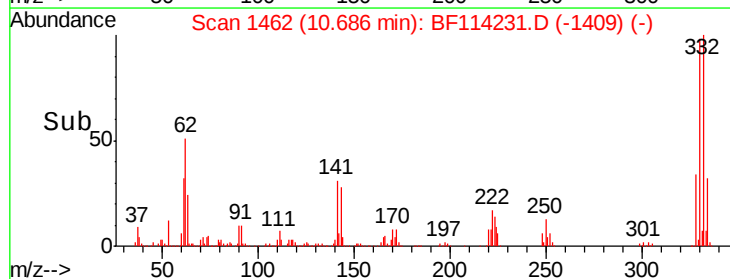
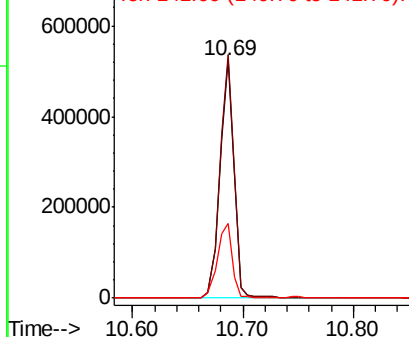
Lab File: BF114231.D

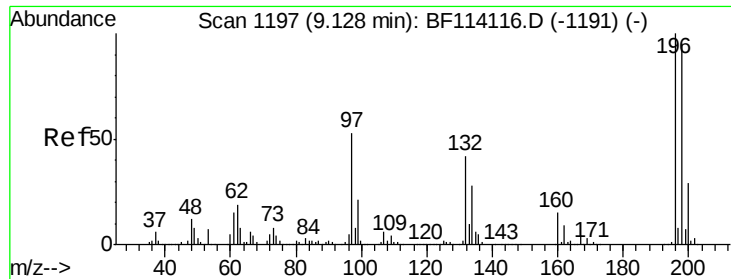
Acq: 13 May 2019 16:16

Tgt Ion:	330	Resp:	467102
Ion Ratio	Lower	Upper	
330	100		
332	102.3	81.4	122.2
141	33.2	26.6	40.0



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





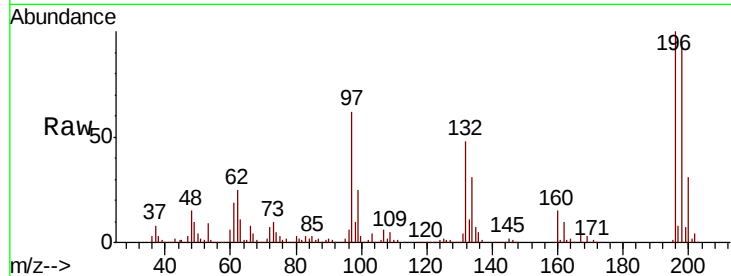
#43
 2,4,6-Trichlorophenol
 Concen: 33.696 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	376540		
198	95.3	75.9	113.9	
200	30.7	23.5	35.3	

Manual Integrations
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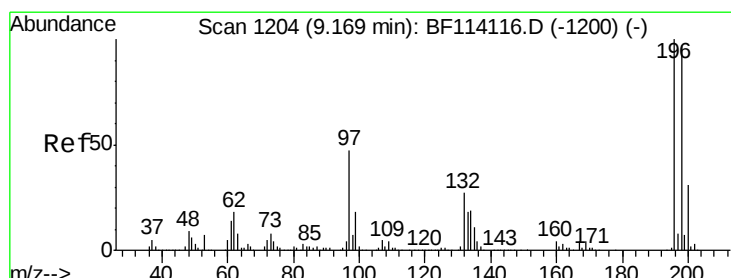
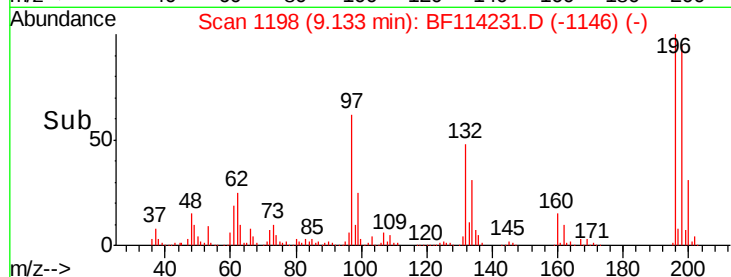
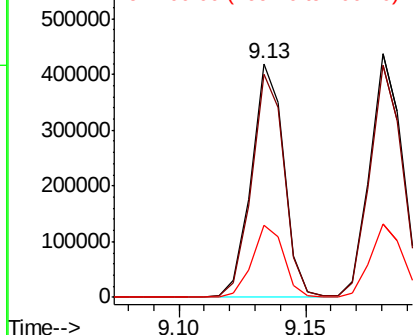


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.051 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	401693		
198	95.1	77.7	116.5	
97	53.0	38.2	57.2	
132	29.4	21.4	32.2	

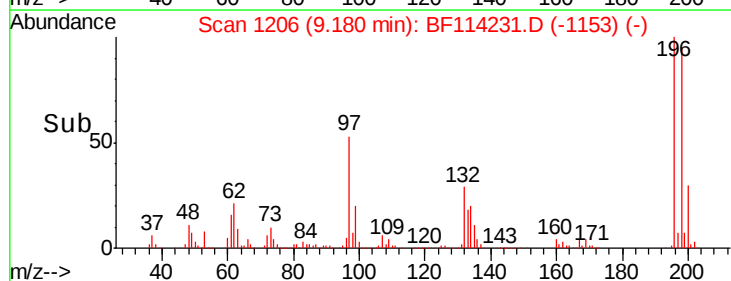
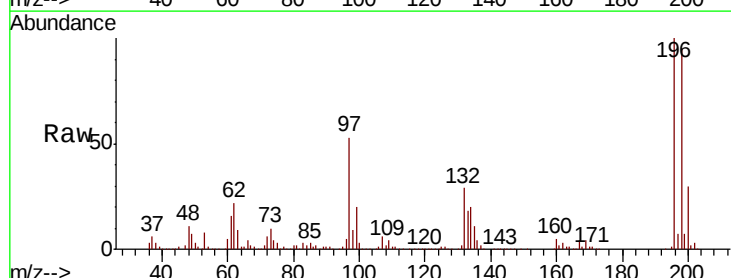
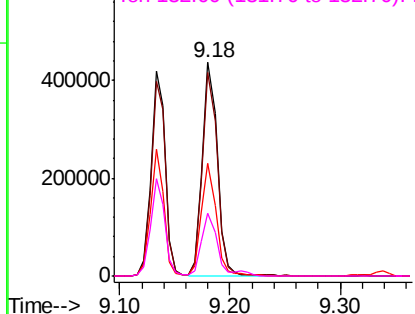
Abundance

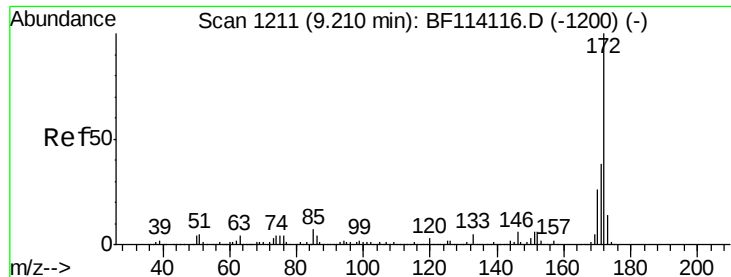
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





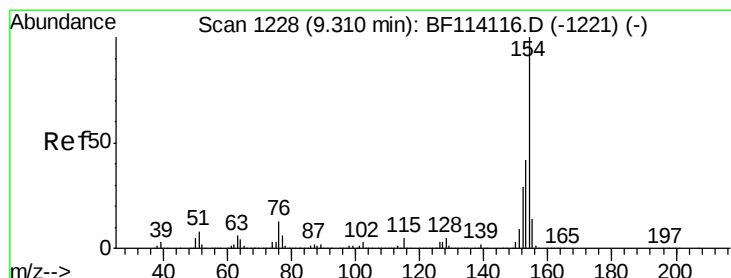
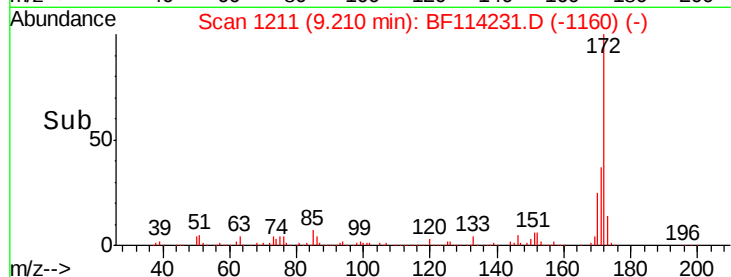
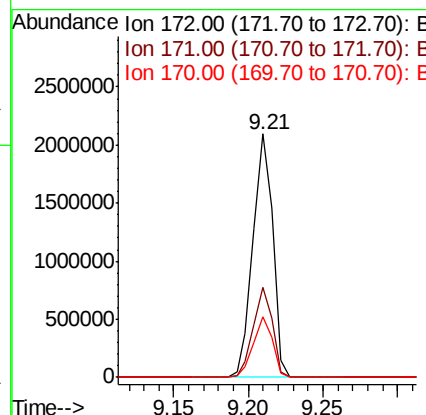
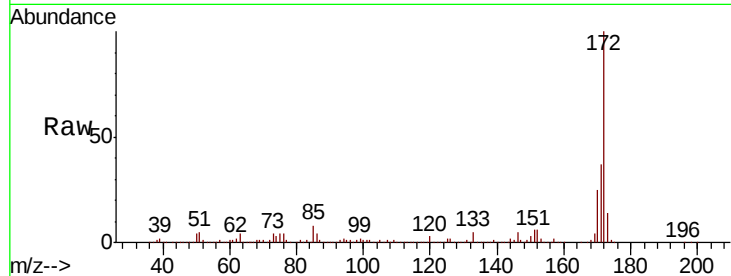
#45
2-Fluorobiphenyl
Concen: 54.075 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.9	20.5	30.7

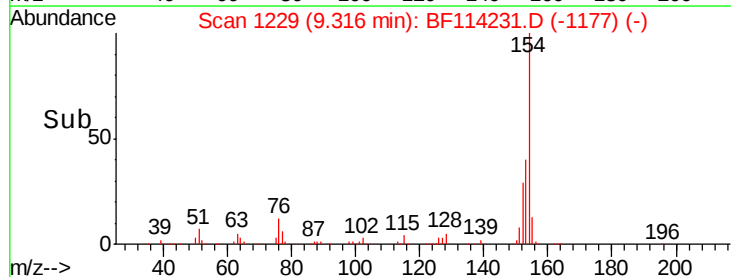
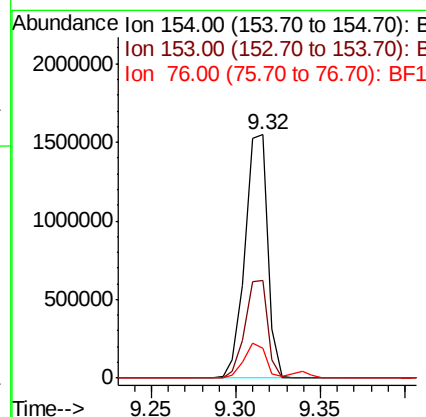
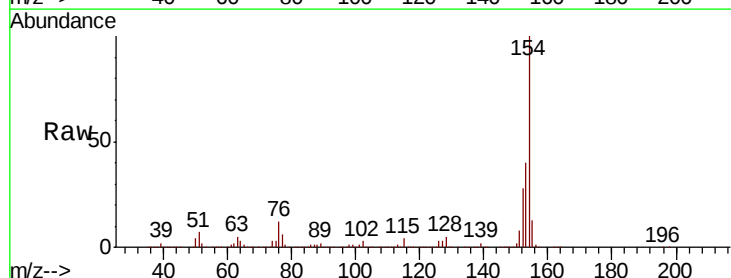
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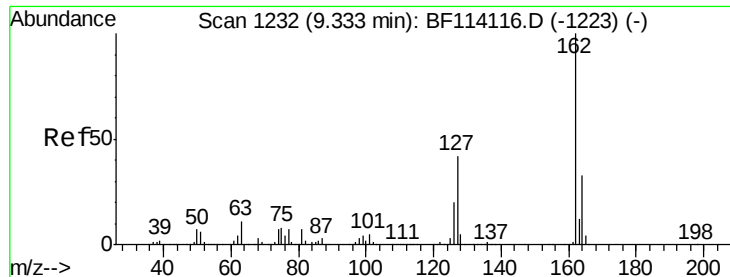
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#46
1,1'-Biphenyl
Concen: 33.603 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.9	61.9
76	12.2	0.0	32.8





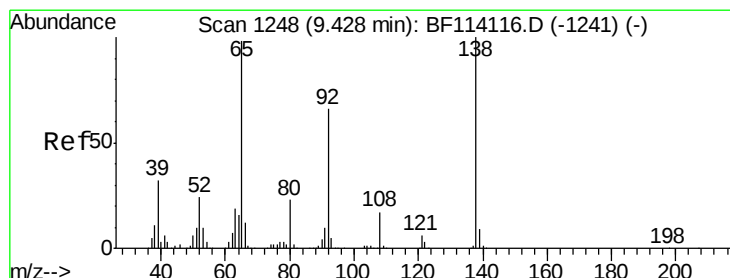
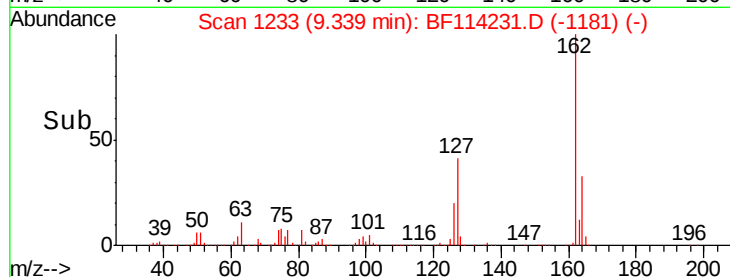
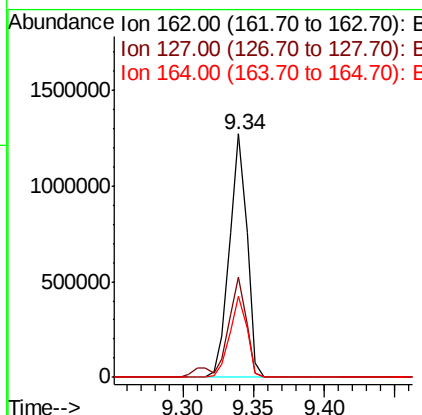
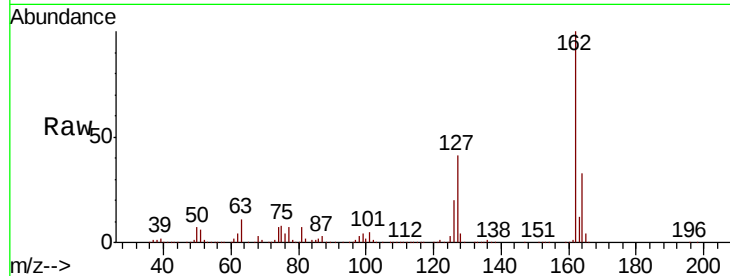
#47
 2-Chloronaphthalene
 Concen: 31.699 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.0	51.0
164	33.3	26.7	40.1

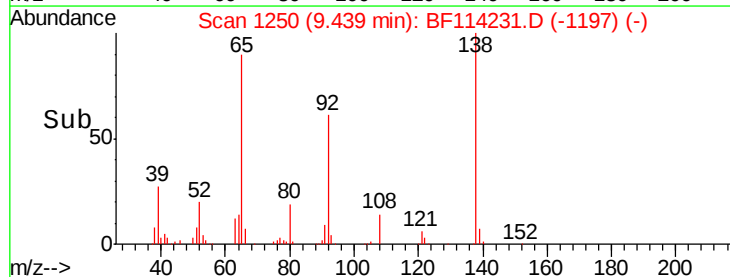
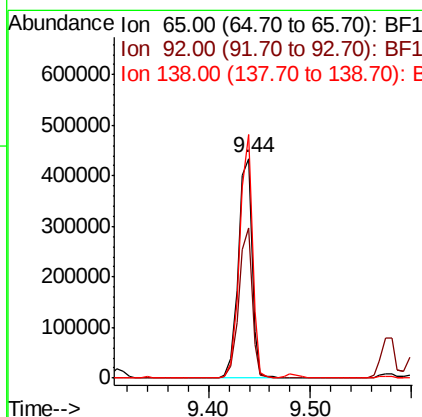
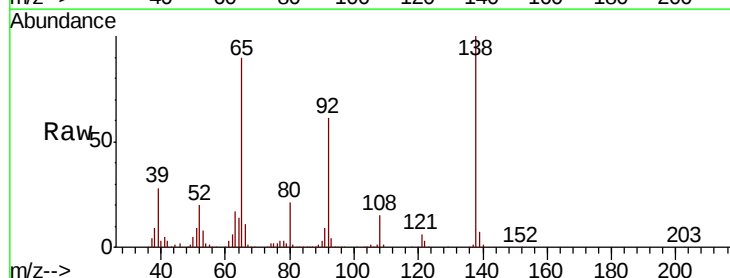
Manual Integrations
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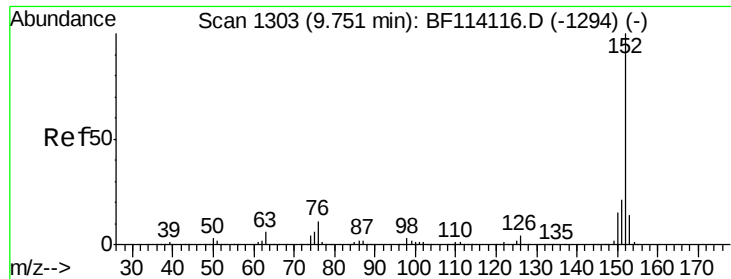
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#48
 2-Nitroaniline
 Concen: 33.354 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.9	80.9
138	110.8	81.4	122.0





#49

Acenaphthylene

Concen: 34.608 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:152 Resp: 1835386

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

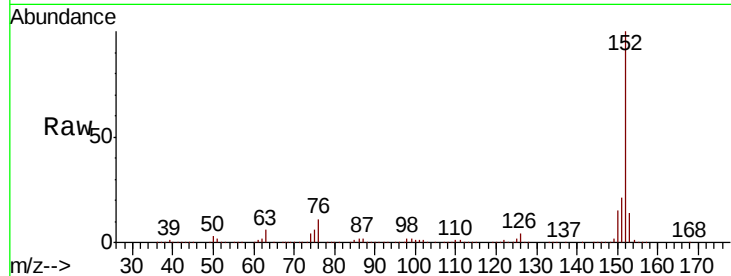
153 13.7 11.4 17.2

Manual Integrations

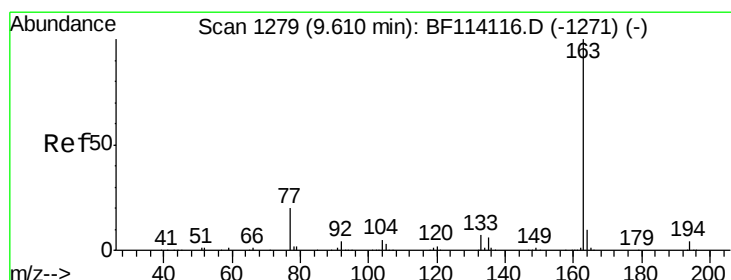
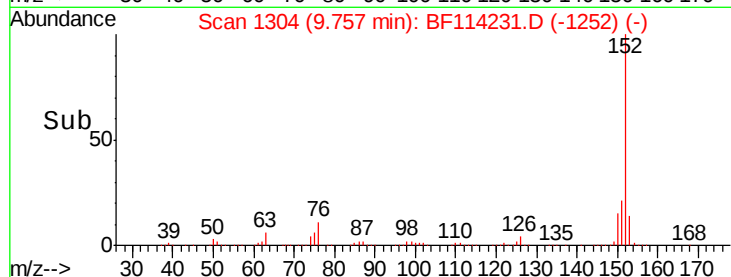
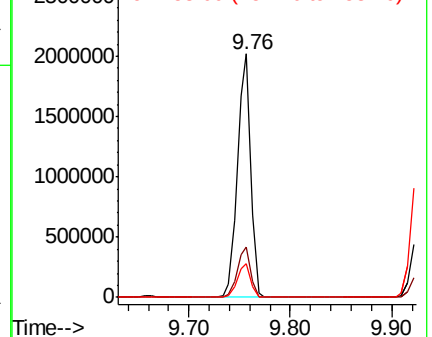
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.985 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

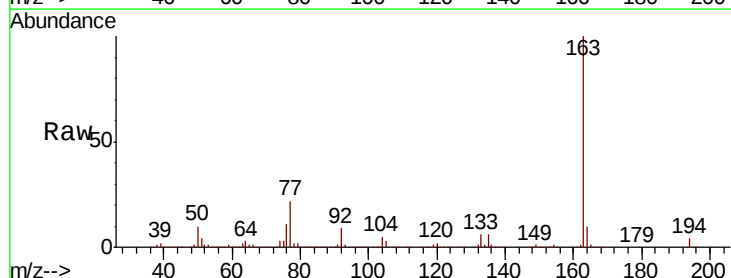
Tgt Ion:163 Resp: 1534870

Ion Ratio Lower Upper

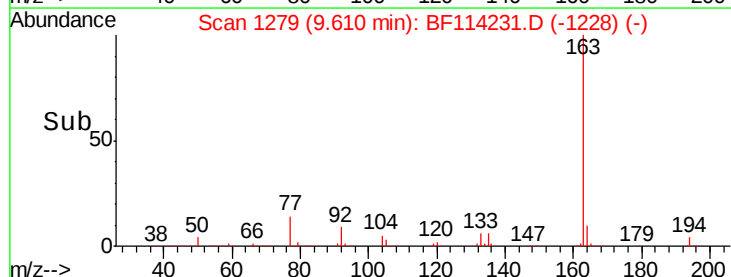
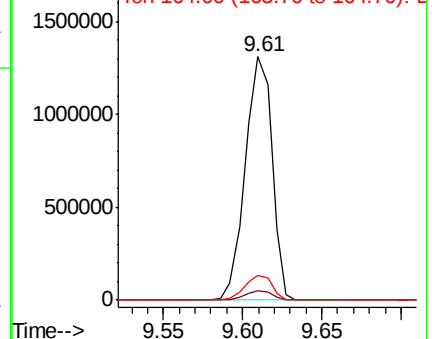
163 100

194 4.0 3.4 5.0

164 10.4 8.2 12.2



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





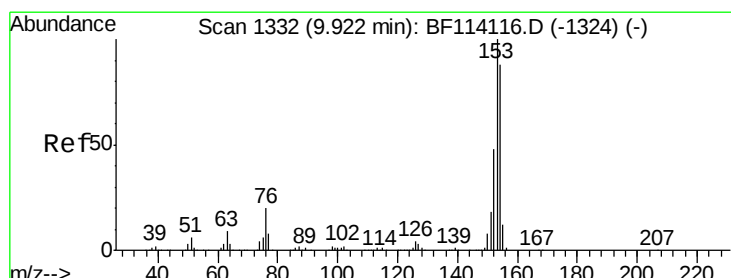
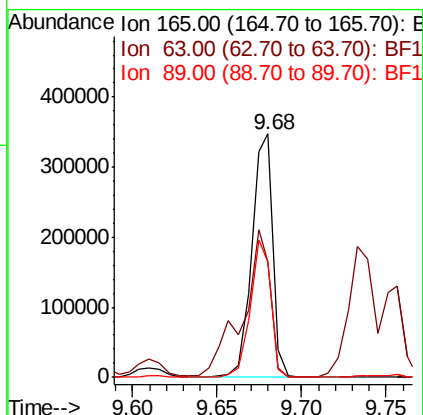
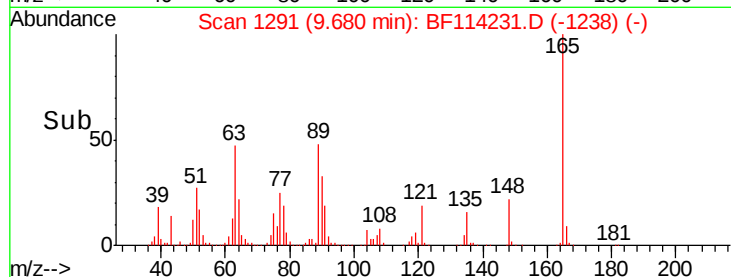
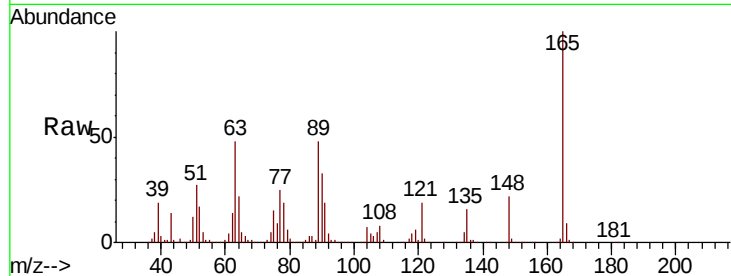
#51
2,6-Dinitrotoluene
Concen: 34.624 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	302349		
63	47.6	50.2	75.4#	
89	47.7	46.6	69.8	

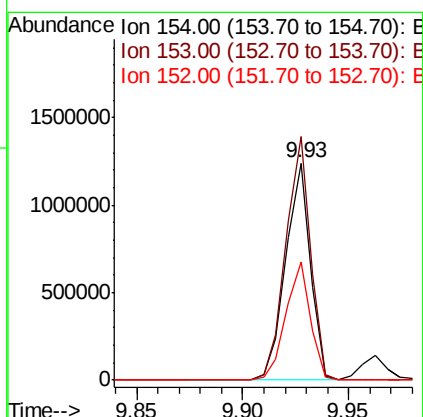
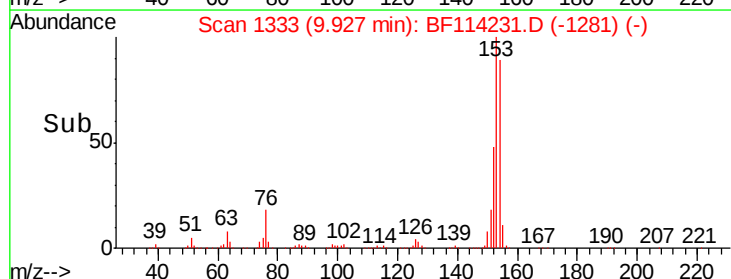
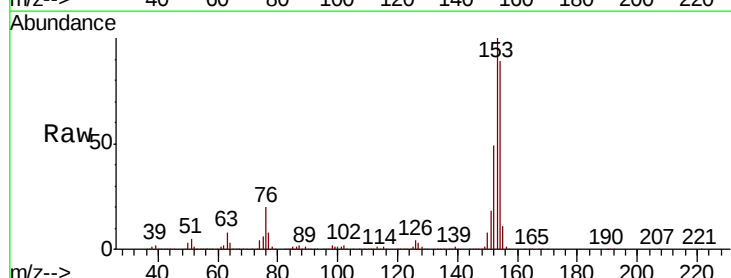
Manual Integrations
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#52
Acenaphthene
Concen: 31.321 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1019317		
153	112.3	90.5	135.7	
152	54.5	43.4	65.2	





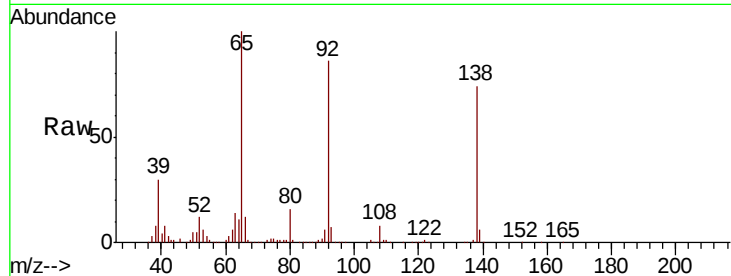
#53
3-Nitroaniline
Concen: 18.790 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.8	11.6
92	115.4	91.2	136.8

Manual Integrations
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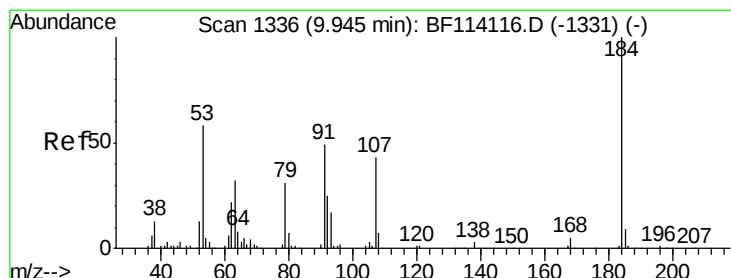
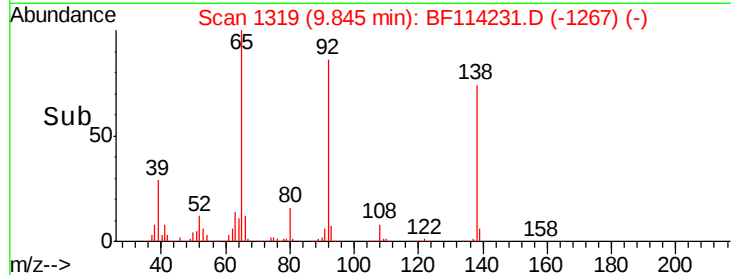
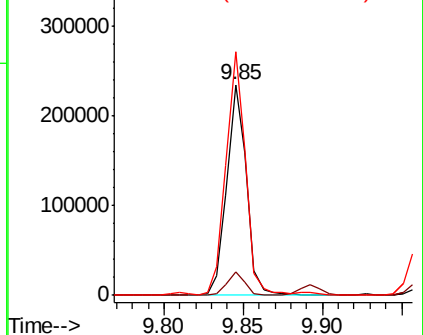


Abundance

Ion 138.00 (137.70 to 138.70): E

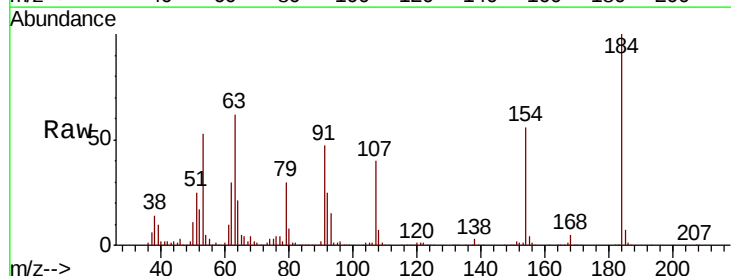
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 53.310 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.5	55.6	83.4
154	55.8	46.0	69.0

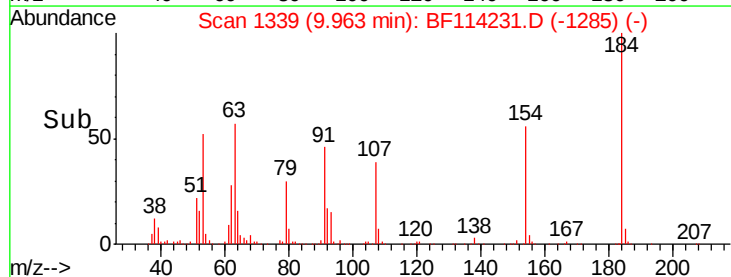
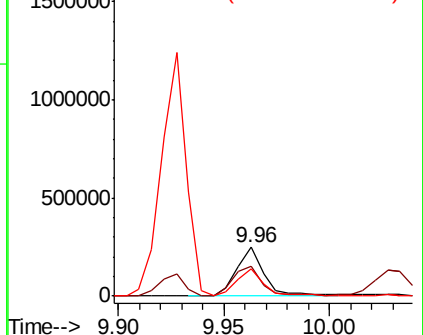


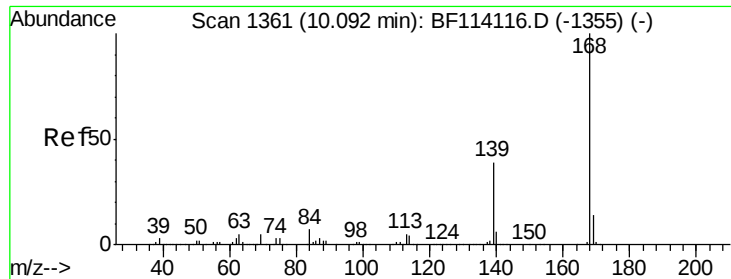
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





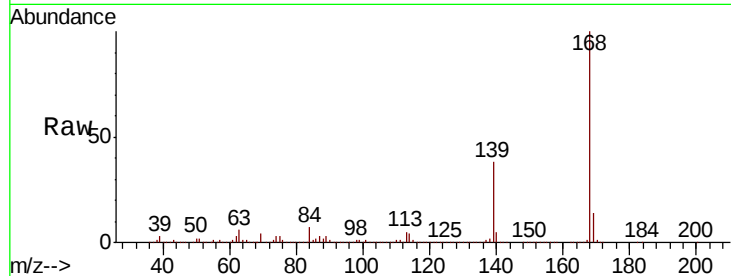
#55
Dibenzofuran
Concen: 32.217 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

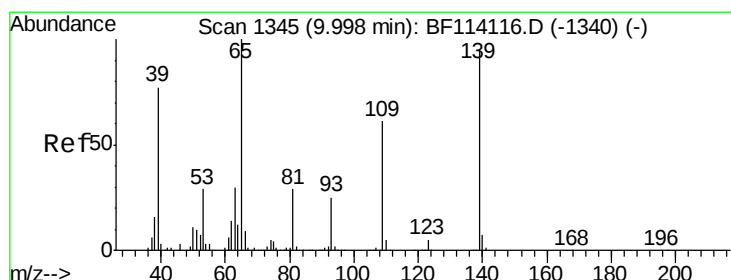
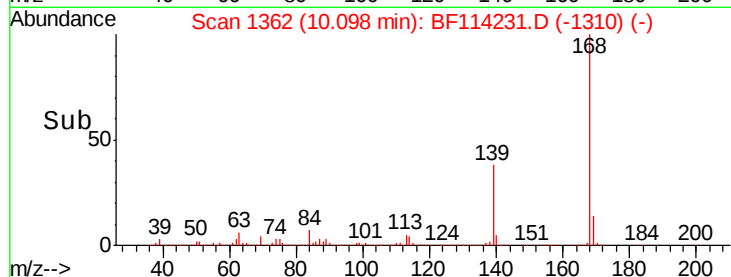
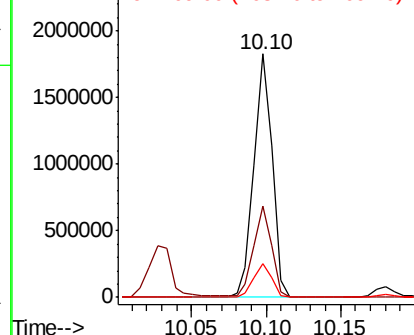
Tot Ion:168 Resp: 1537414
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7
169 13.9 11.4 17.0

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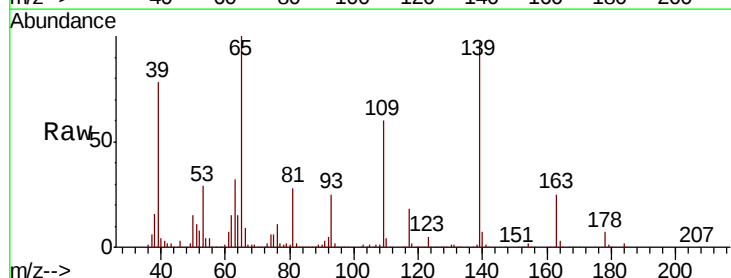


Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

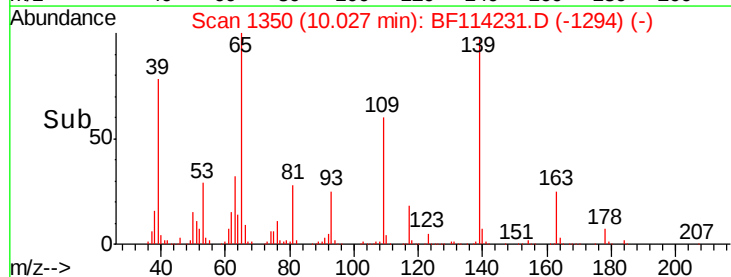
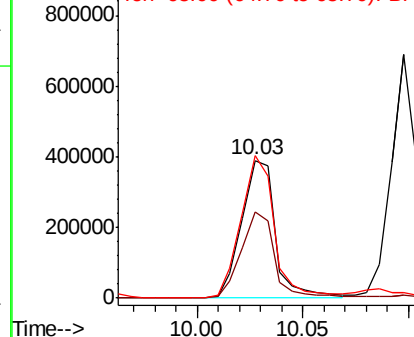


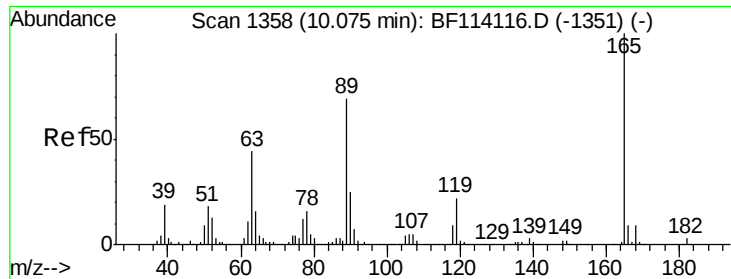
#56
4-Nitrophenol
Concen: 56.480 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion:139 Resp: 432968
Ion Ratio Lower Upper
139 100
109 62.4 43.9 83.9
65 103.5 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
800000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





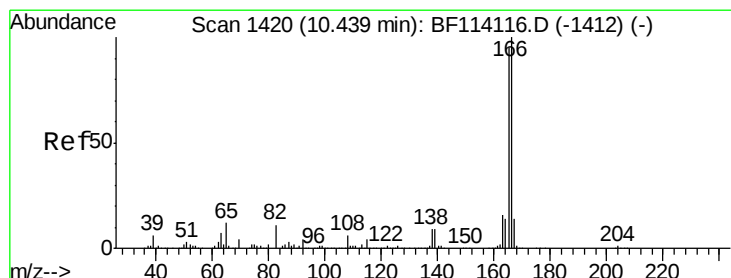
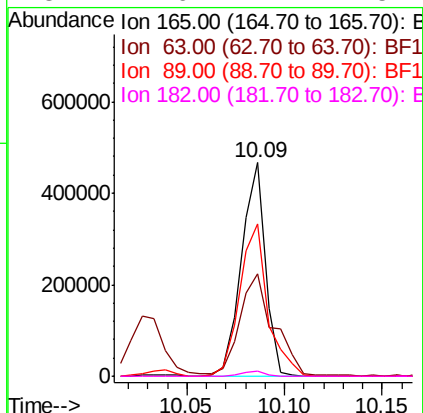
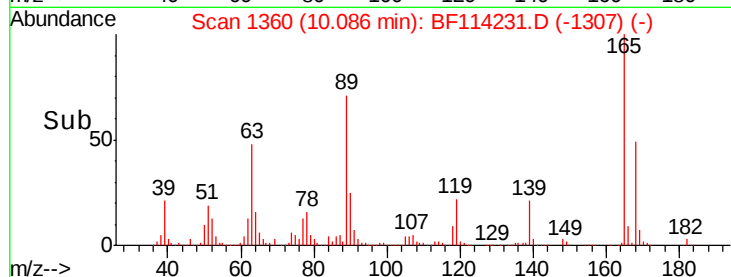
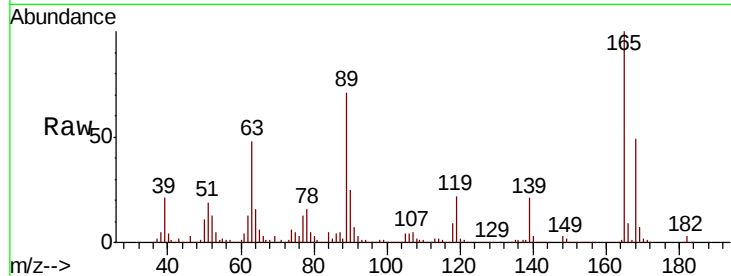
#57
2,4-Dinitrotoluene
Concen: 33.416 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.9	35.5	53.3
89	71.5	55.2	82.8
182	2.6	2.2	3.2

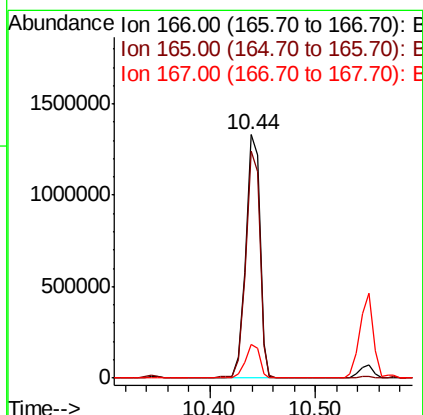
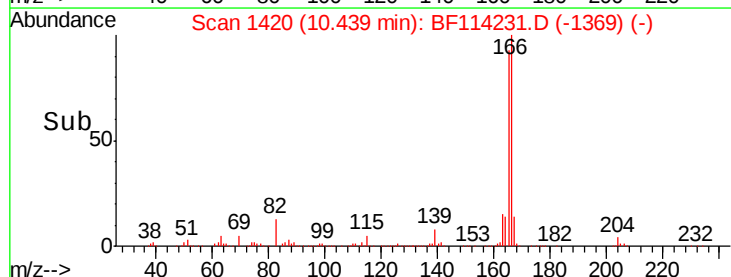
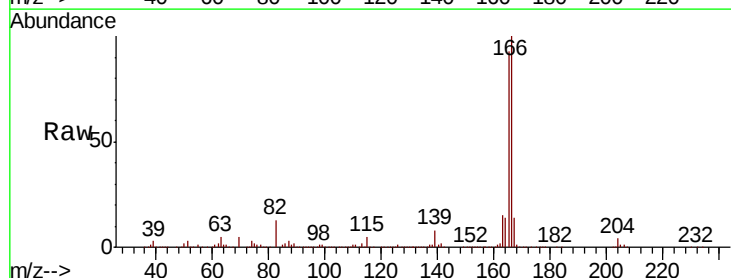
Manual Integrations
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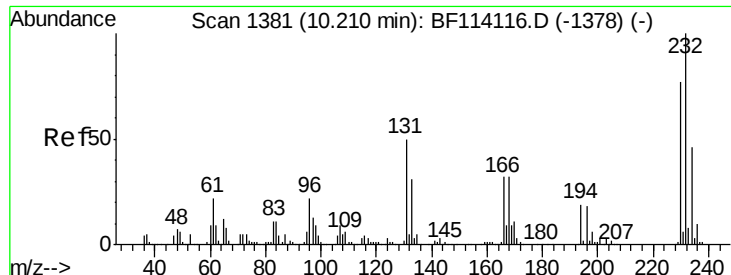
Sohil
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#58
Fluorene
Concen: 33.224 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	76.1	114.1
167	13.7	11.1	16.7





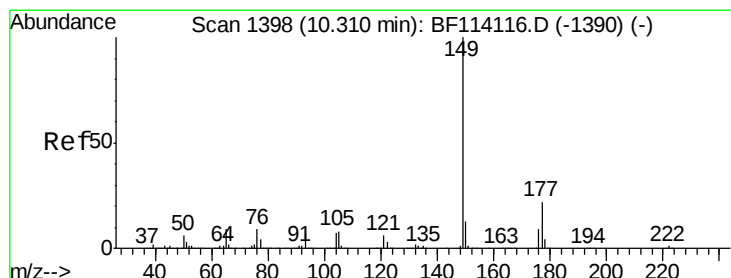
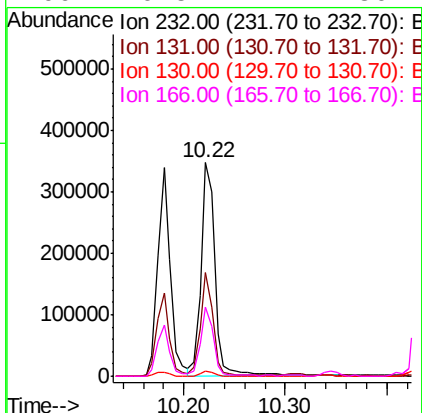
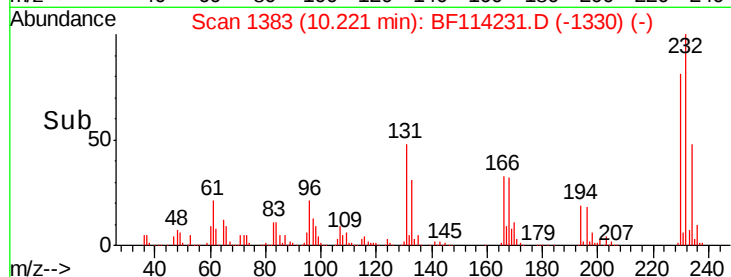
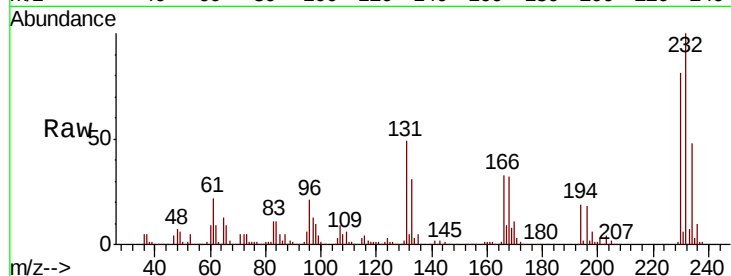
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.321 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	329491		
131	43.8		35.6	53.4
130	2.3		1.6	2.4
166	29.5		24.1	36.1

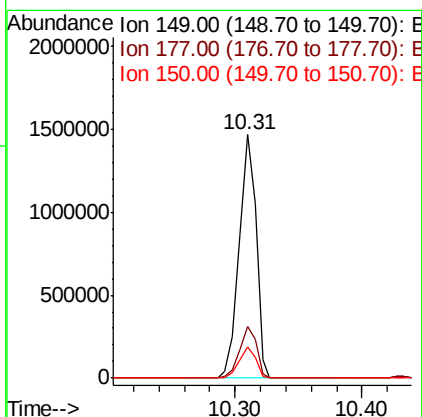
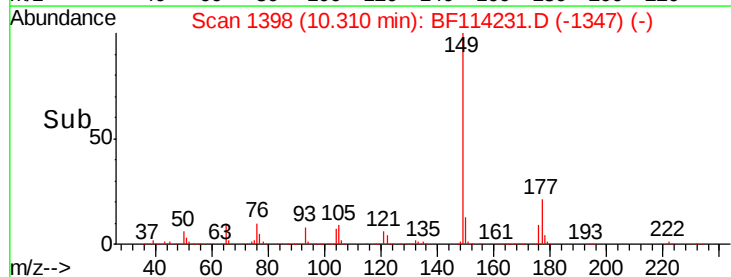
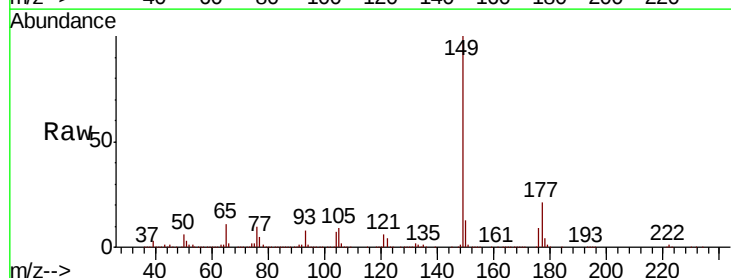
Manual Integrations
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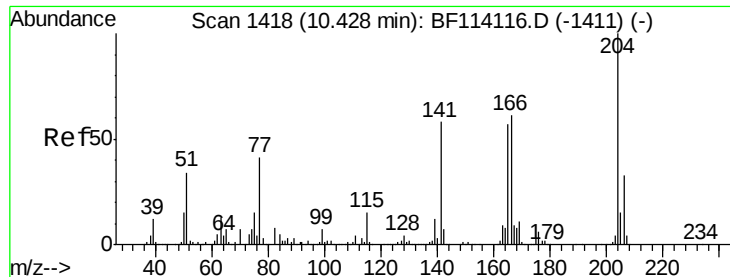
Sohil
5/14/2019 8:03:14 PM



#60
Diethylphthalate
Concen: 33.601 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1344167		
177	21.2		17.8	26.6
150	12.7		10.2	15.2





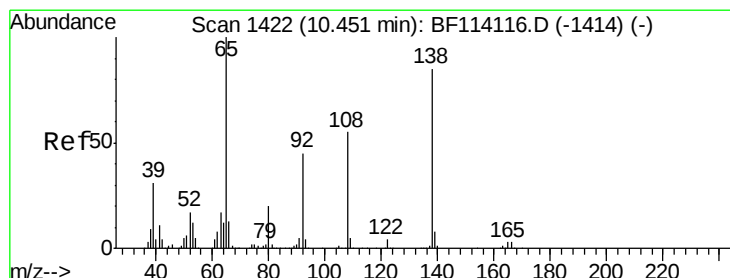
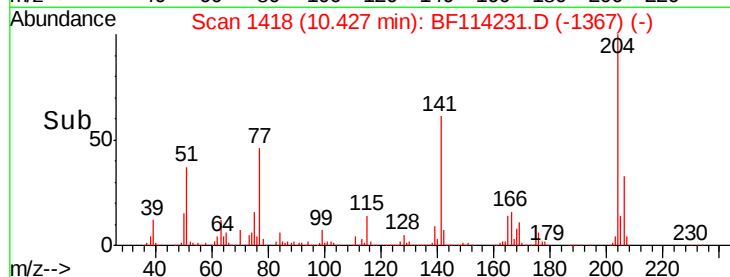
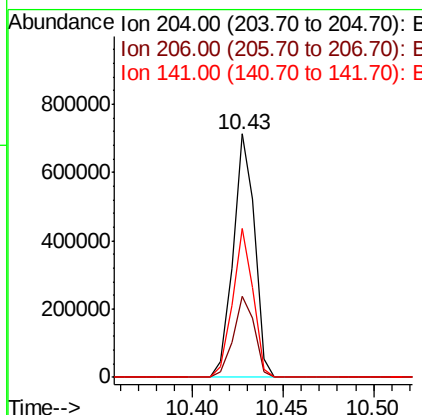
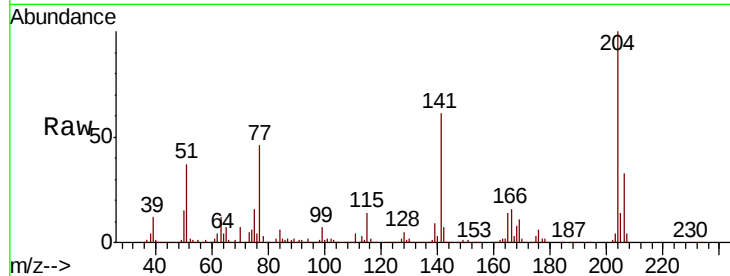
#61
4-Chlorophenyl-phenylether
Concen: 32.408 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	60.9	46.4	69.6

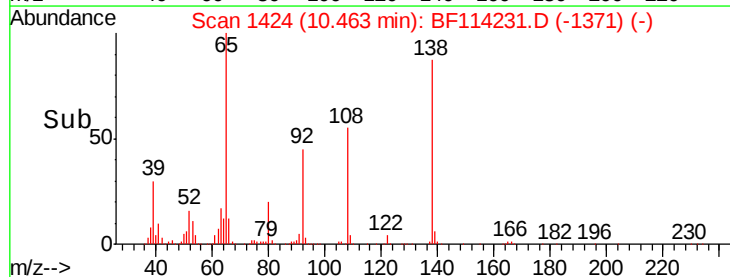
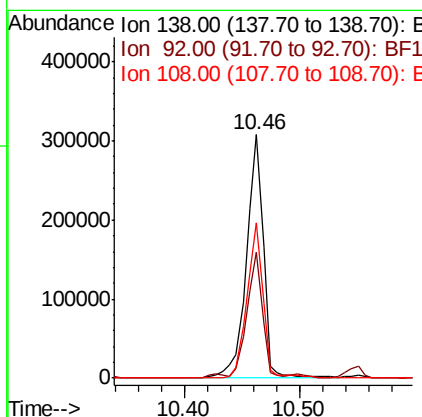
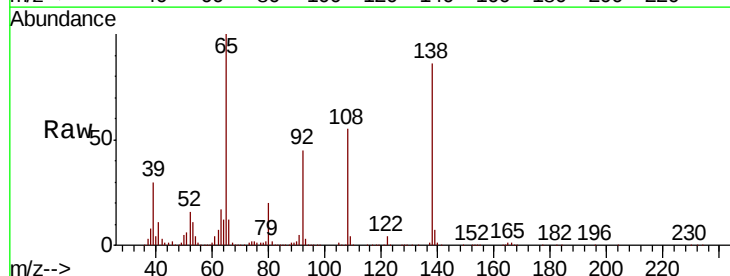
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#62
4-Nitroaniline
Concen: 27.549 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	33.0	73.0
108	63.6	44.9	84.9





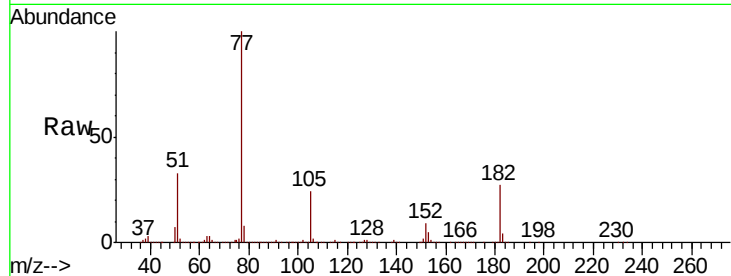
#63
Azobenzene
Concen: 33.250 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.7	44.7
105	24.0	2.9	42.9
51	33.1	14.6	54.6

Manual Integrations
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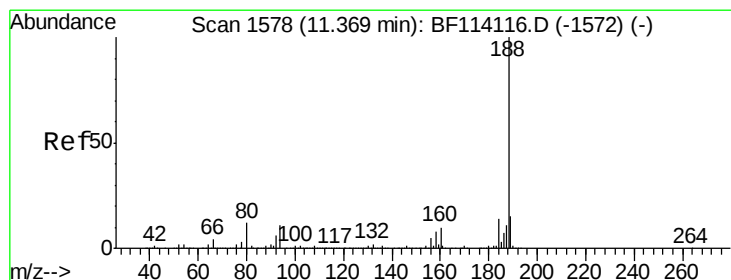
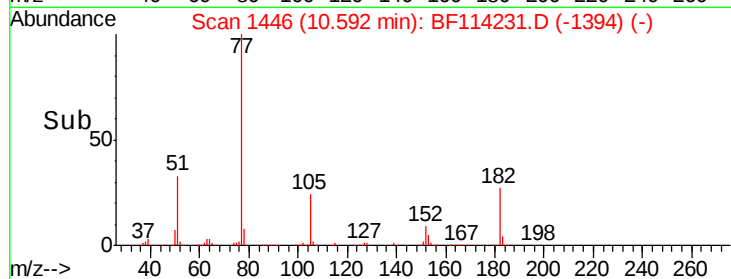
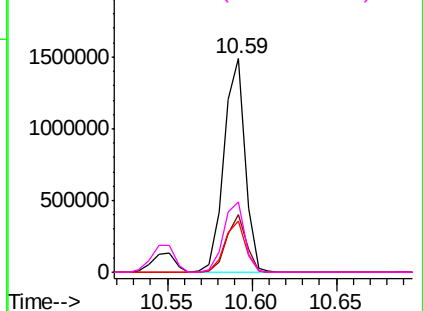
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

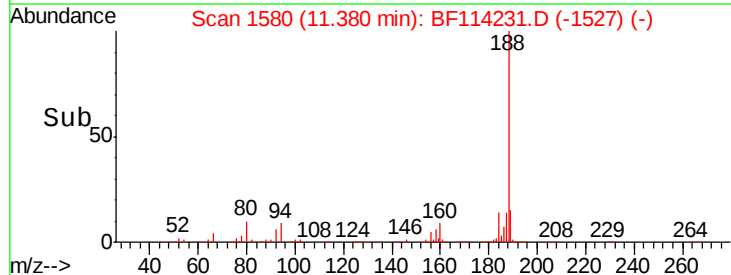
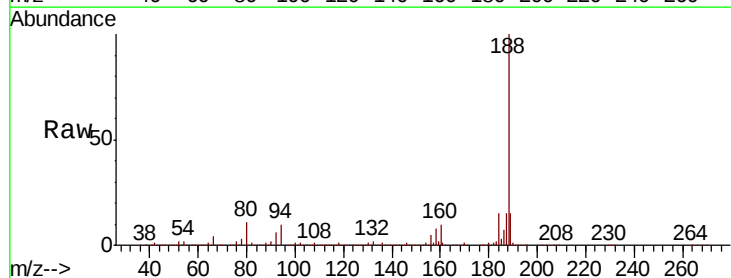
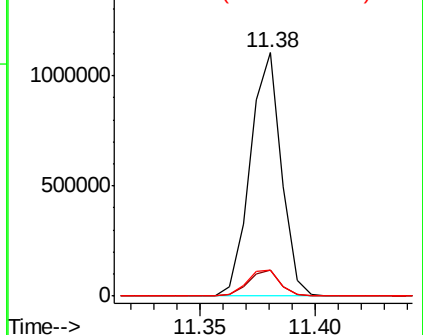
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	10.7	9.2	13.8

Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





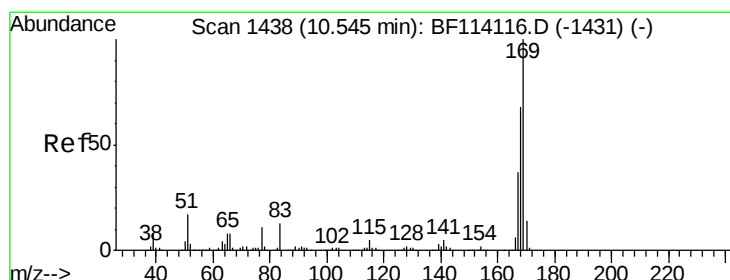
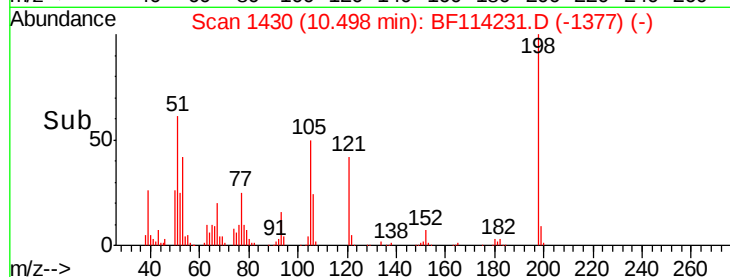
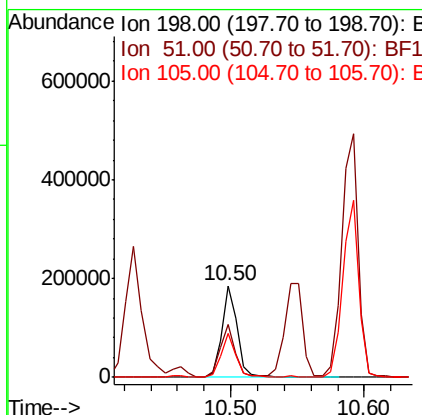
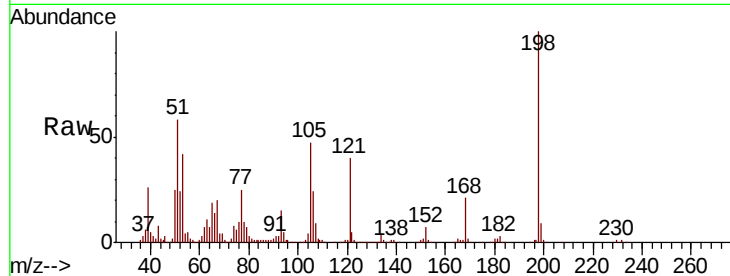
#65
4,6-Dinitro-2-methylphenol
Concen: 30.581 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	153119		
51	57.8	28.0	68.0	
105	47.2	21.1	61.1	

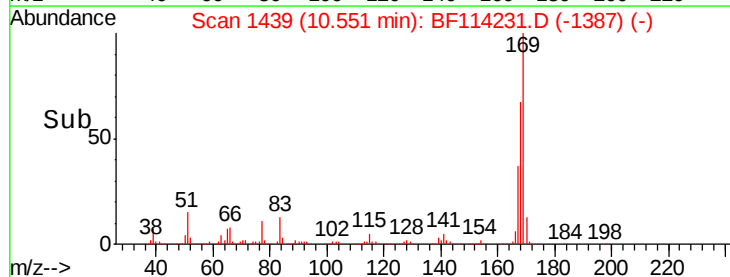
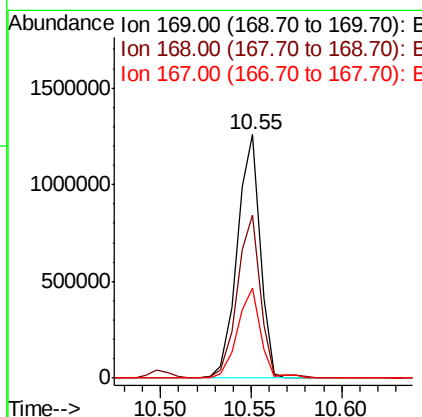
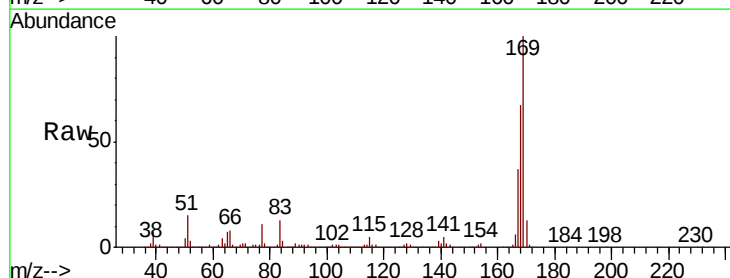
Manual Integrations
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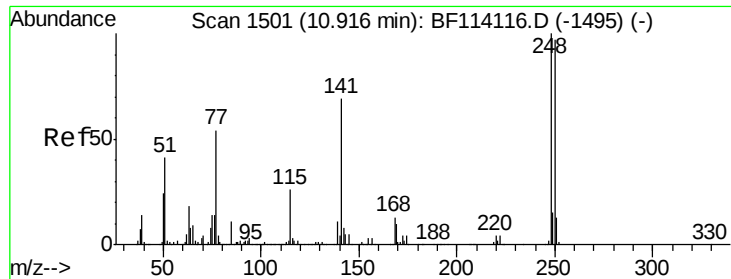
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#66
n-Nitrosodiphenylamine
Concen: 34.830 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1101514		
168	67.0	54.2	81.2	
167	36.8	29.8	44.8	





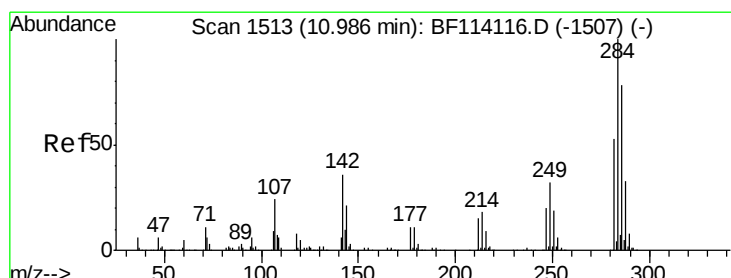
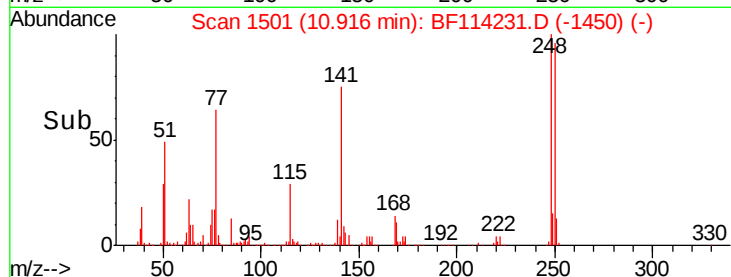
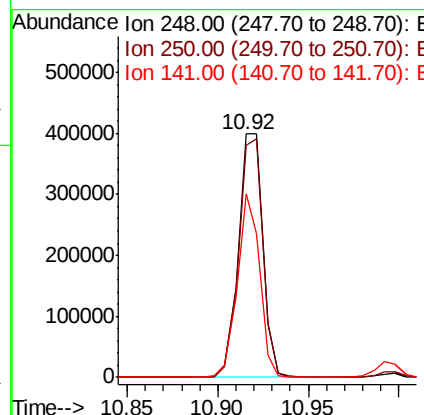
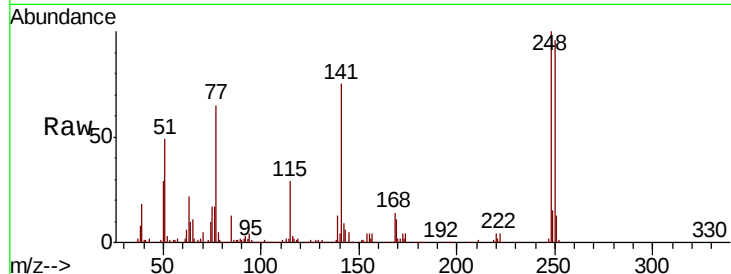
#67
4-Bromophenyl-phenylether
Concen: 32.667 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	75.4	55.6	83.4

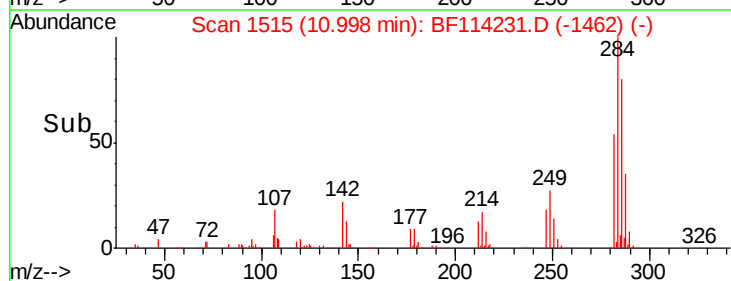
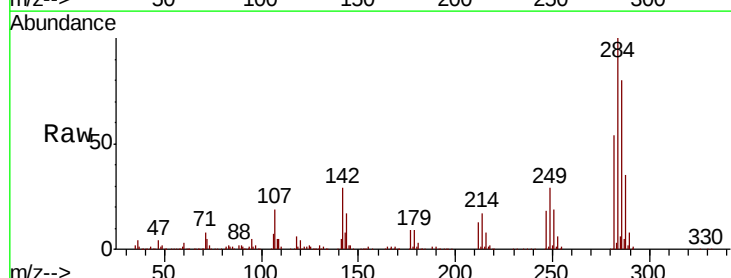
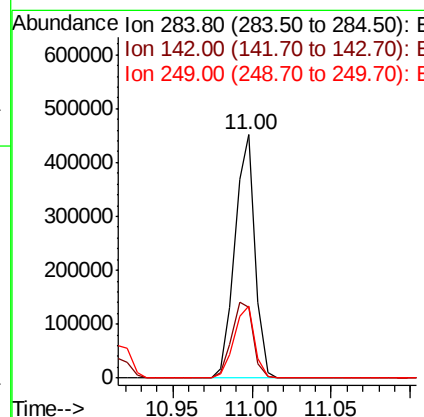
Manual Integrations
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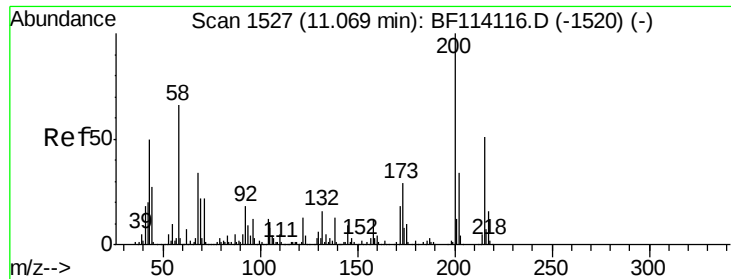
Sohil
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#68
Hexachlorobenzene
Concen: 31.300 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	28.4	42.6
249	29.4	25.2	37.8





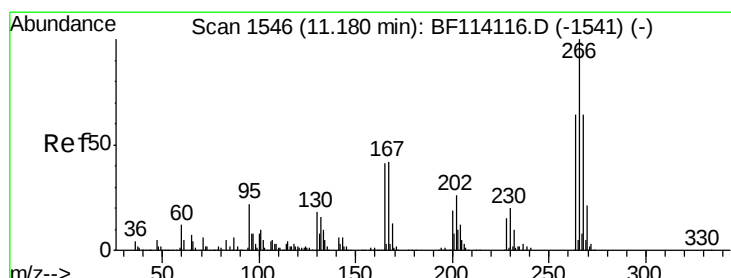
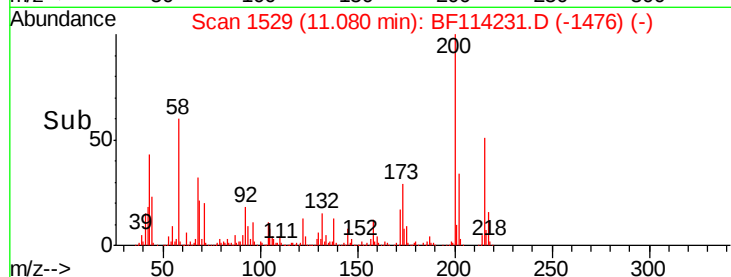
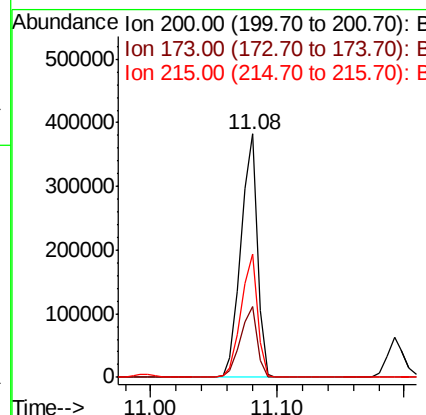
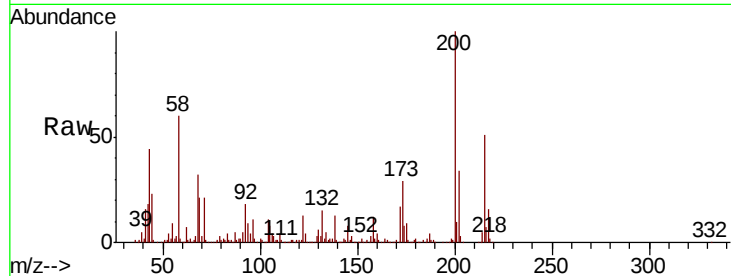
#69
Atrazine
Concen: 34.587 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100	340401		
173	29.2	8.9	48.9	
215	50.6	30.7	70.7	

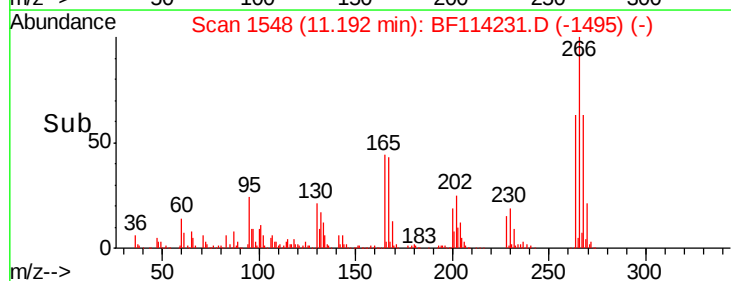
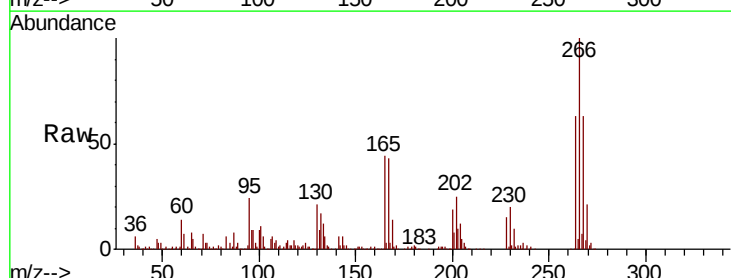
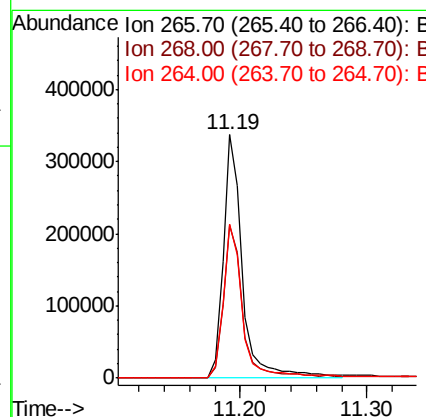
Manual Integrations
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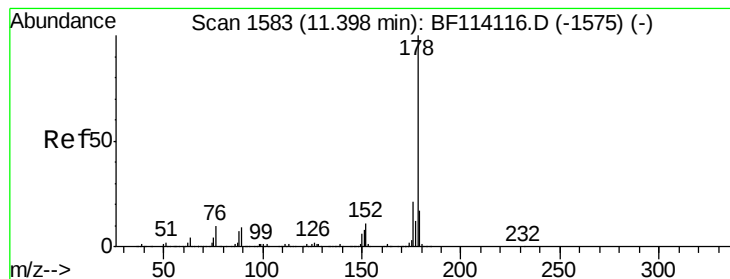
Sohil
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#70
Pentachlorophenol
Concen: 59.523 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	358135		
268	62.9	51.1	76.7	
264	63.5	51.1	76.7	





#71

Phenanthrene

Concen: 37.848 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:178 Resp: 1918740

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

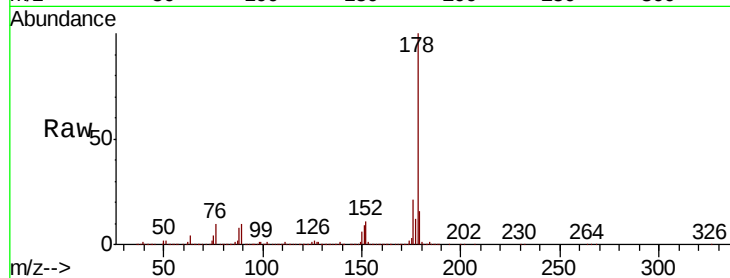
179 16.3 13.2 19.8

Manual Integrations

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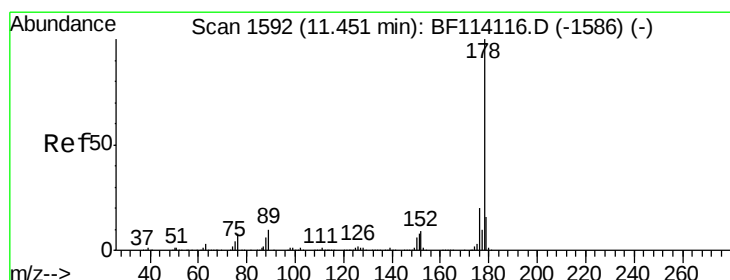
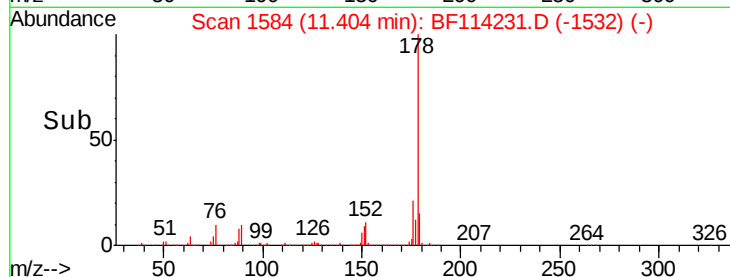
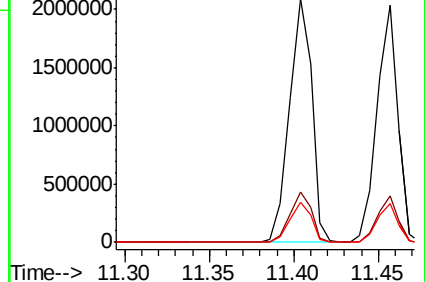
5/14/2019 8:03:14 PM



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: 34.822 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Tgt Ion:178 Resp: 1773139

Ion Ratio Lower Upper

178 100

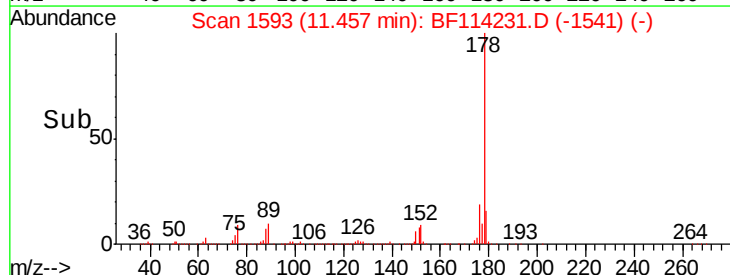
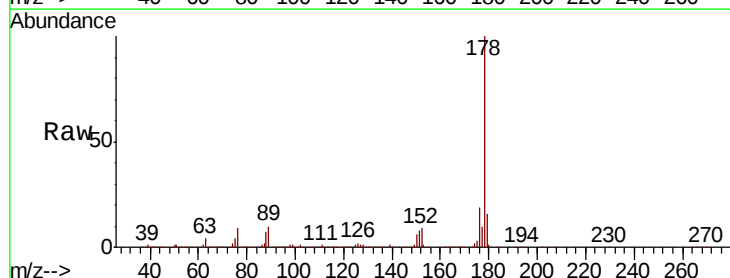
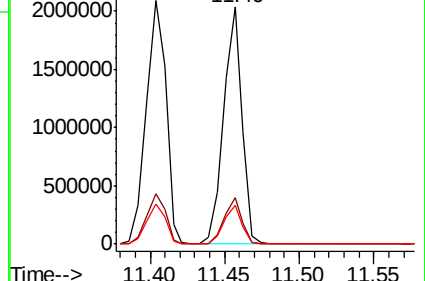
176 19.4 15.8 23.8

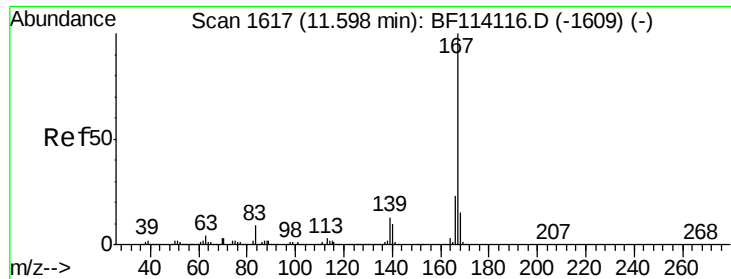
179 16.2 13.0 19.4

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





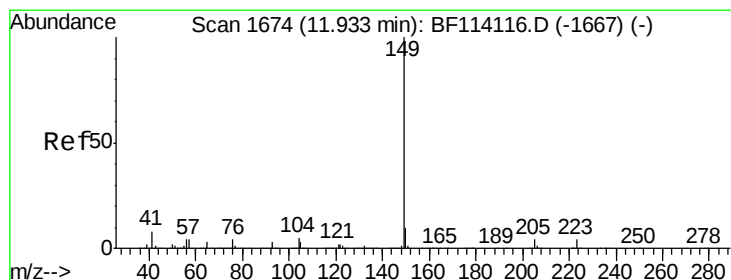
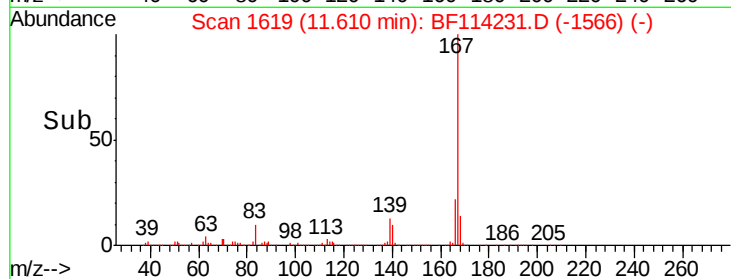
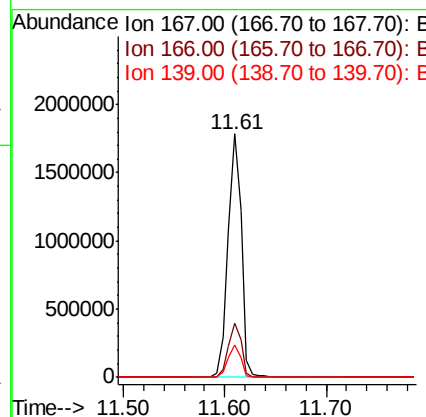
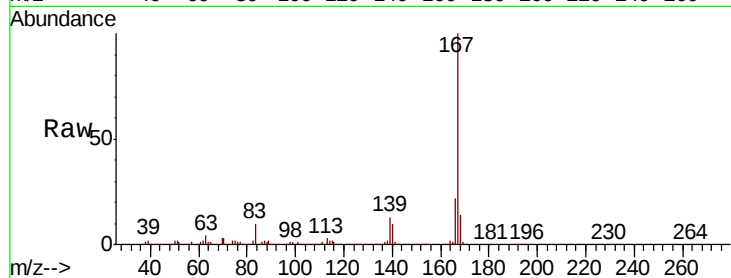
#73
 Carbazole
 Concen: 33.362 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

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

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.1	18.2	27.2	
139	13.2	10.6	16.0	

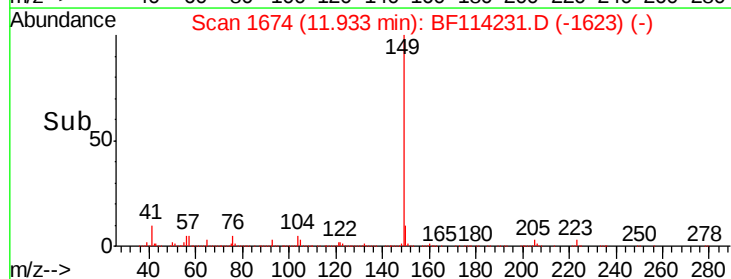
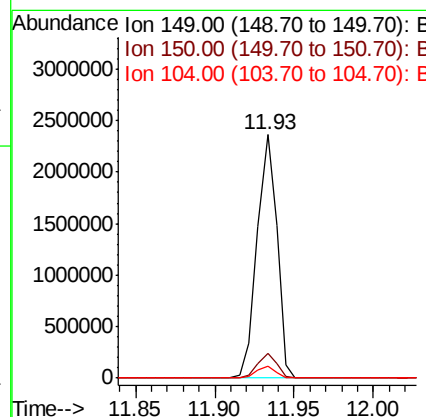
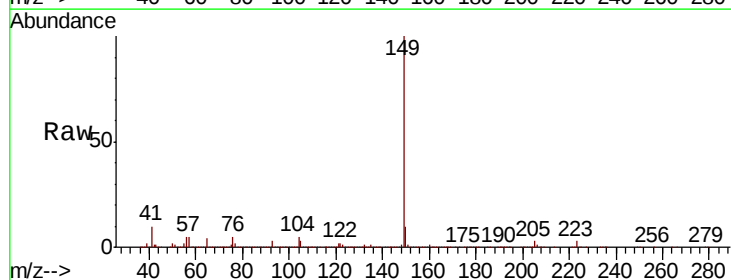
Manual Integrations
 APPROVED

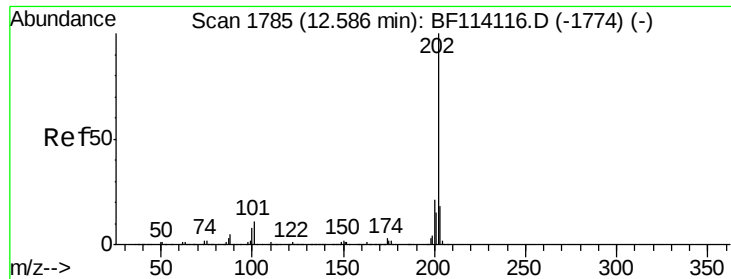
Sohil
 5/14/2019 8:03:14 PM



#74
 Di-n-butylphthalate
 Concen: 36.800 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114231.D
 Acq: 13 May 2019 16:16

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.2	7.7	11.5	
104	5.1	3.6	5.4	





#75

Fluoranthene

Concen: 37.812 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

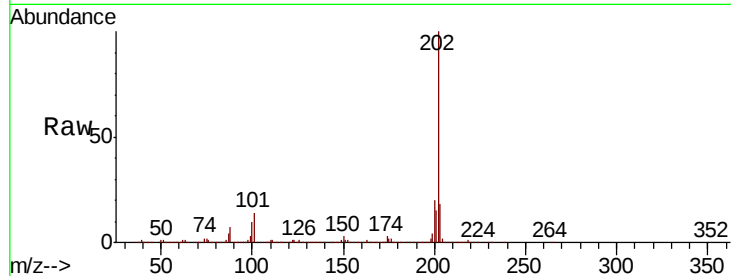
ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:	202	Resp:	2064293
Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.0
203	18.4	0.0	38.4

Manual Integrations
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Sohil
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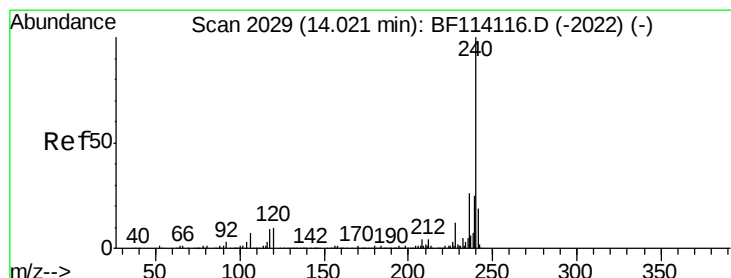
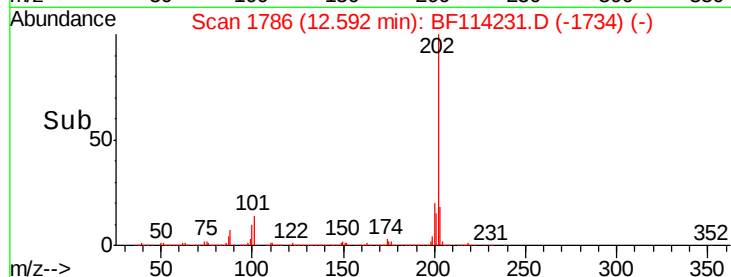
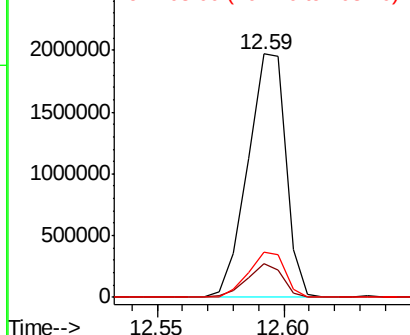


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

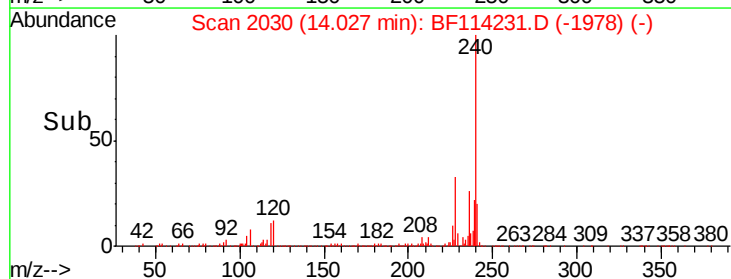
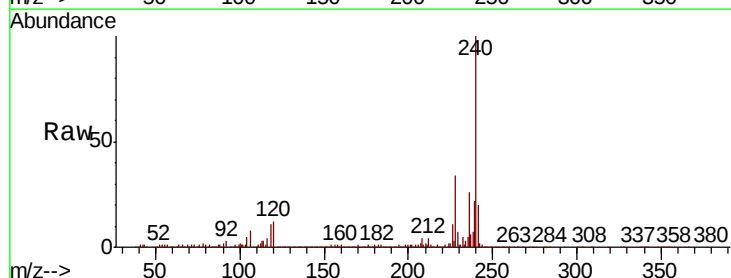
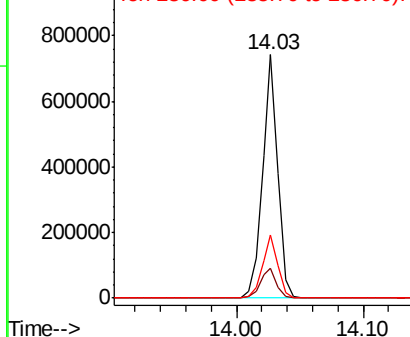
Tgt Ion:	240	Resp:	625943
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.8	20.8	31.2

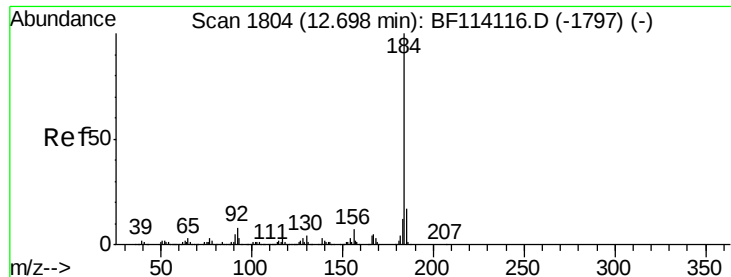
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.815 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

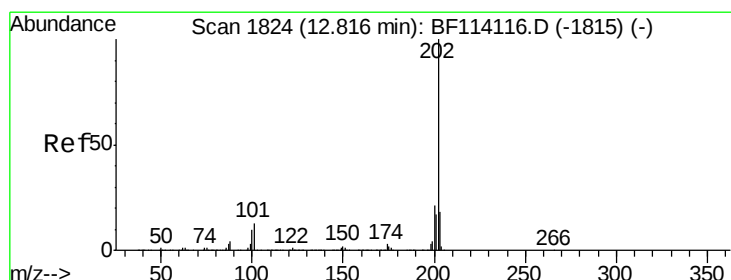
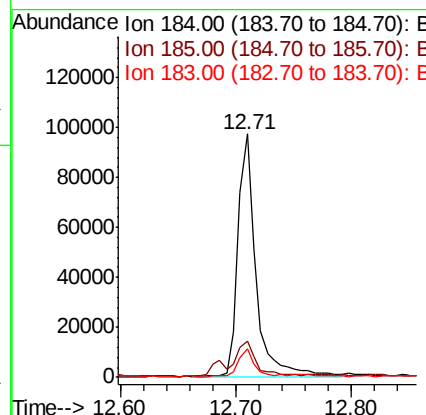
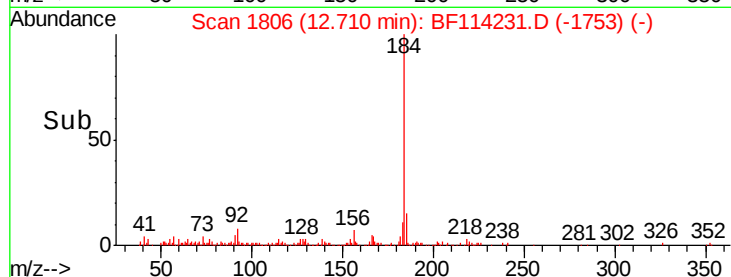
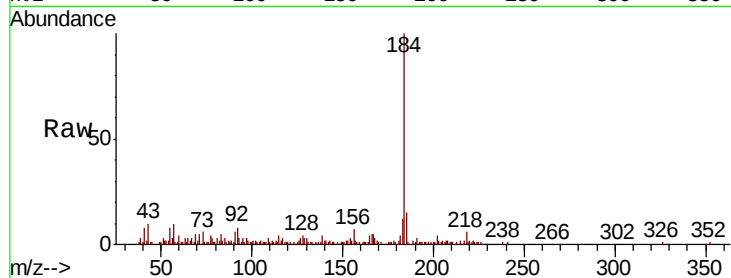
ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:	184	Resp:	107188
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.6	20.4
183	11.7	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 46.270 ng

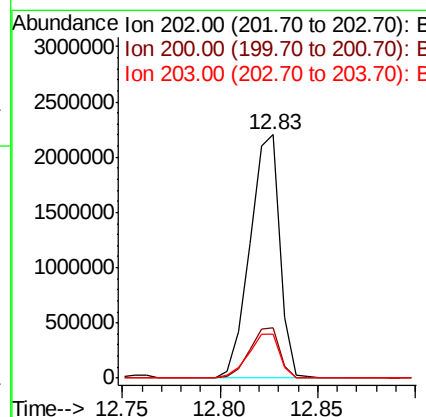
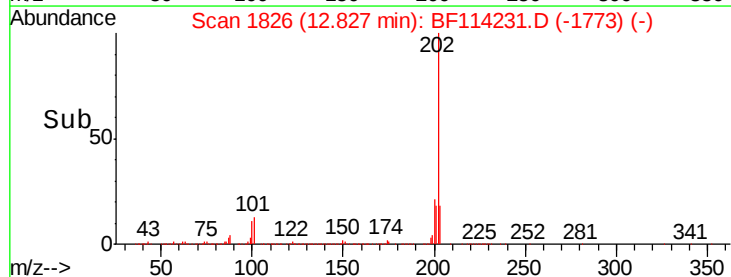
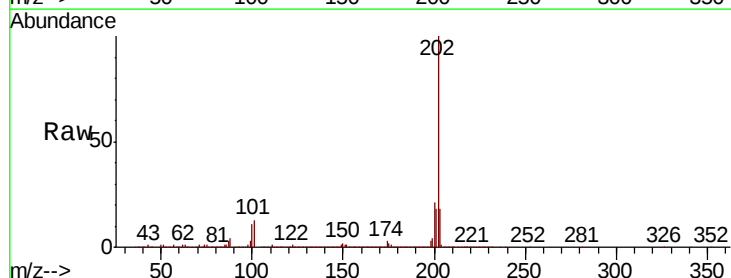
RT: 12.83 min Scan# 1826

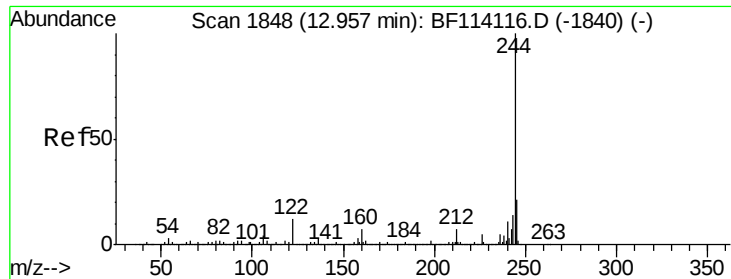
Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Tgt Ion:	202	Resp:	2329888
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	18.3	14.5	21.7





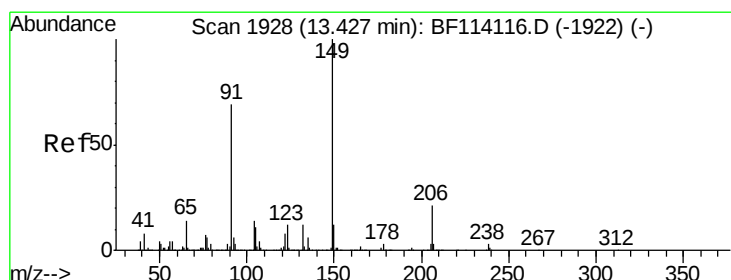
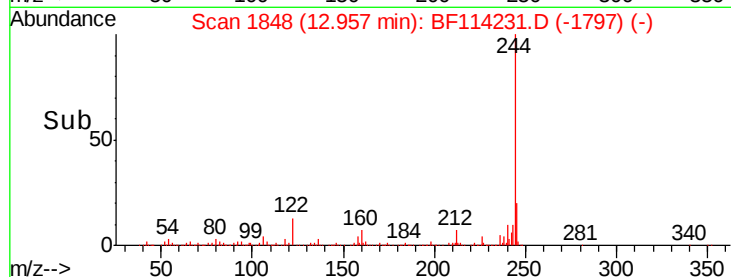
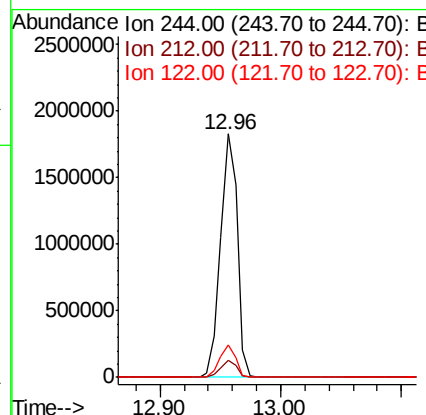
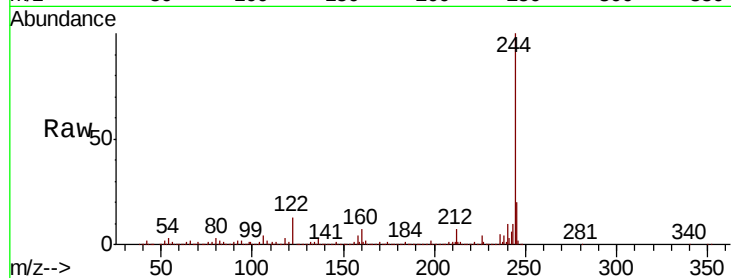
#79
Terphenyl-d14
Concen: 56.984 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.4	9.4	14.2

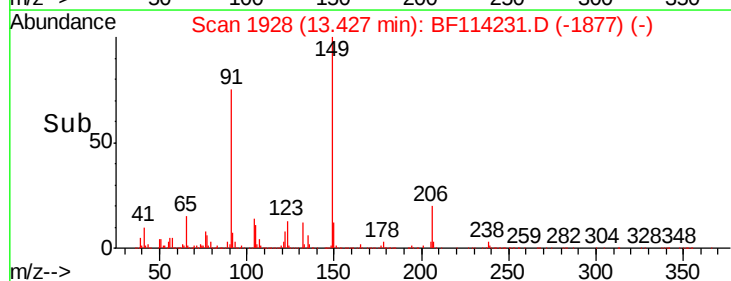
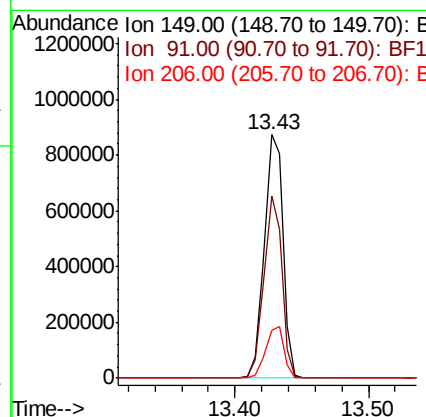
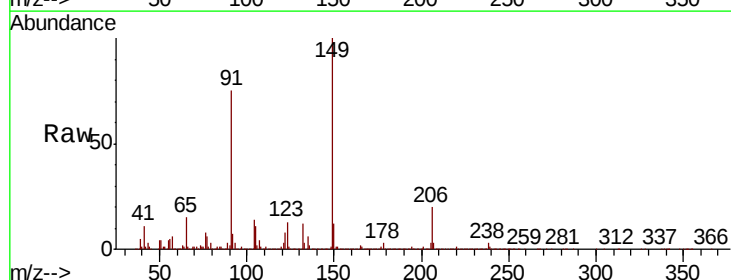
Manual Integrations
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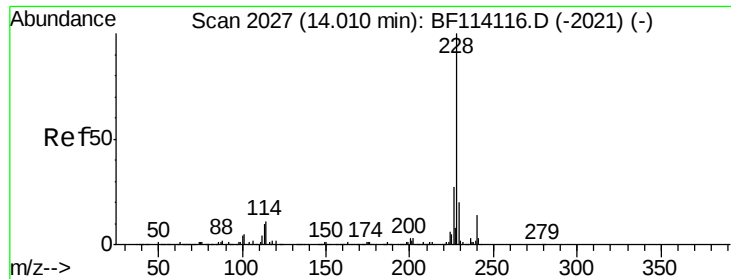
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#80
Butylbenzylphthalate
Concen: 39.176 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	55.0	82.4
206	19.6	16.9	25.3





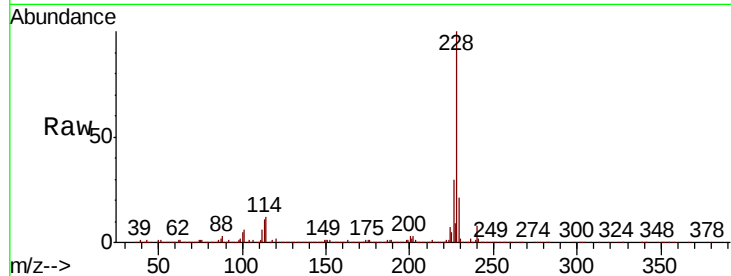
#81
Benzo(a)anthracene
Concen: 37.615 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.2
229	20.6	16.4	24.6

Manual Integrations
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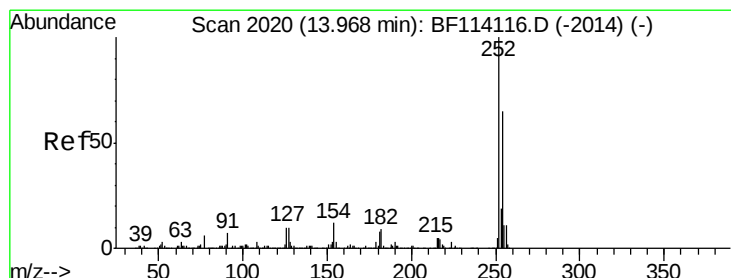
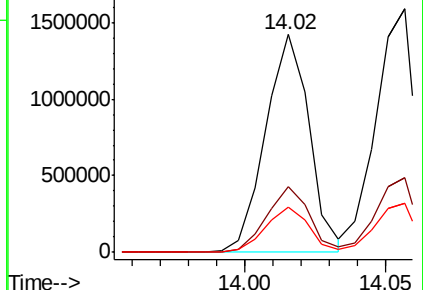
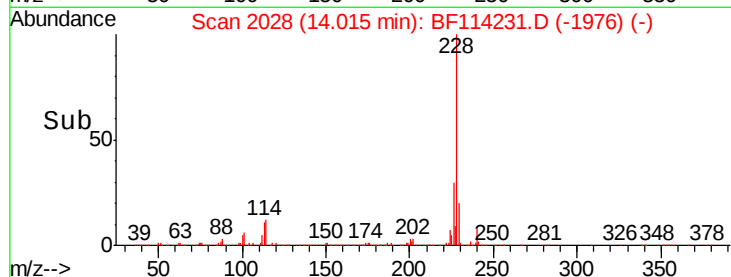


Abundance

Ion 228.00 (227.70 to 228.70): E

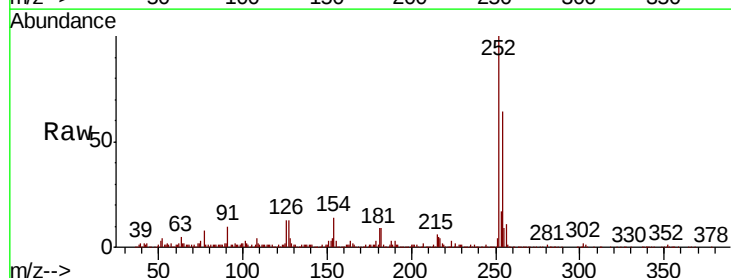
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 23.960 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.9	77.9
126	12.9	7.9	11.9#

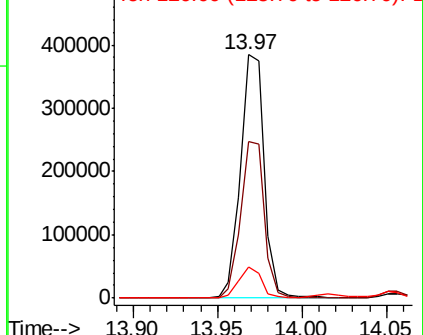
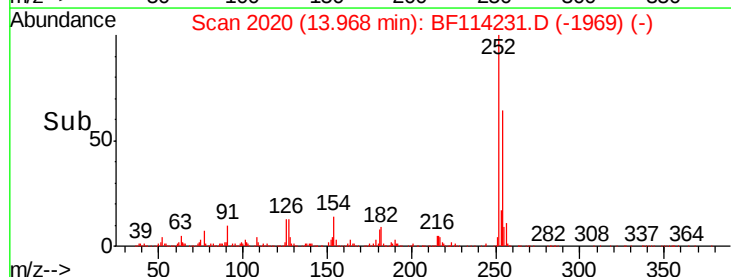


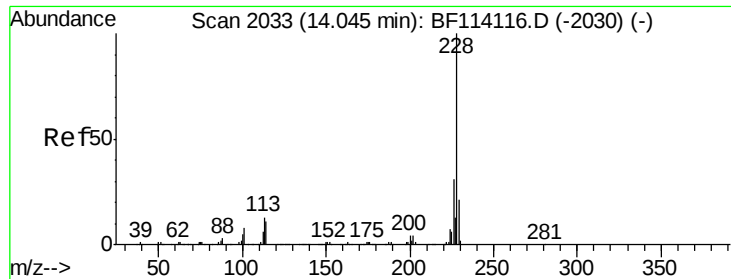
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





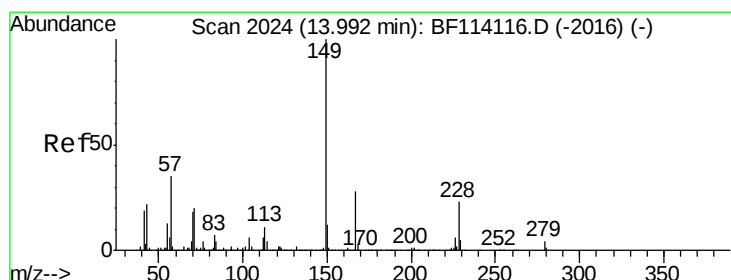
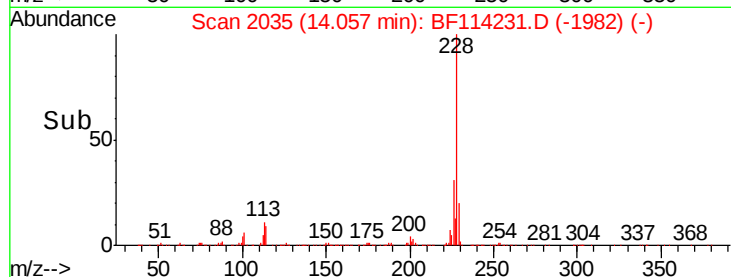
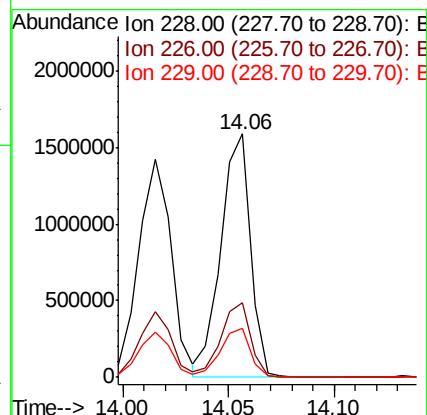
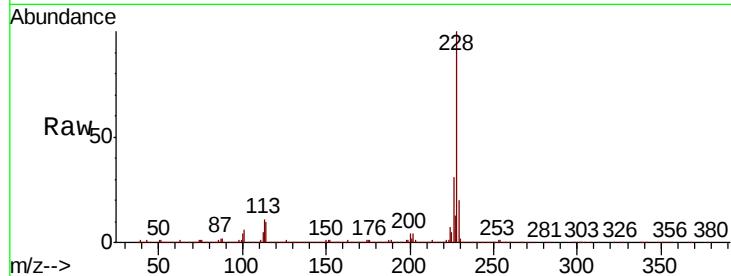
#83
Chrysene
Concen: 38.815 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion:228 Resp: 1540457
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 20.4 17.0 25.6

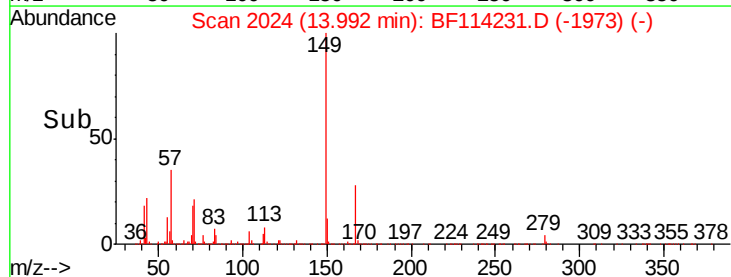
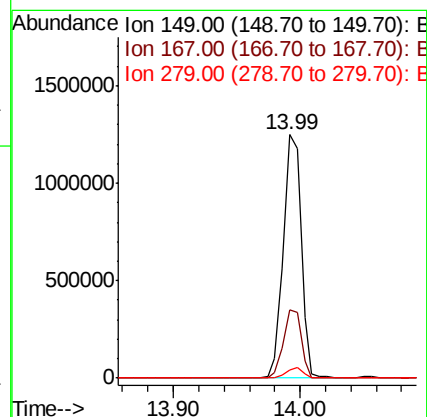
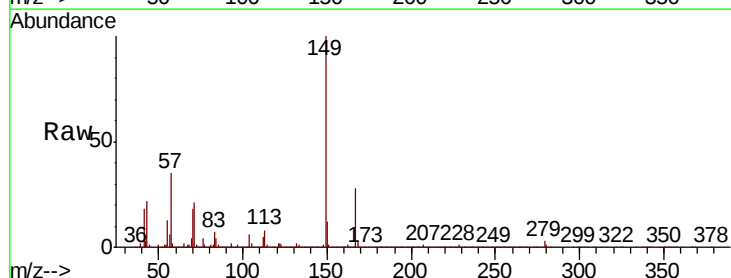
Manual Integrations
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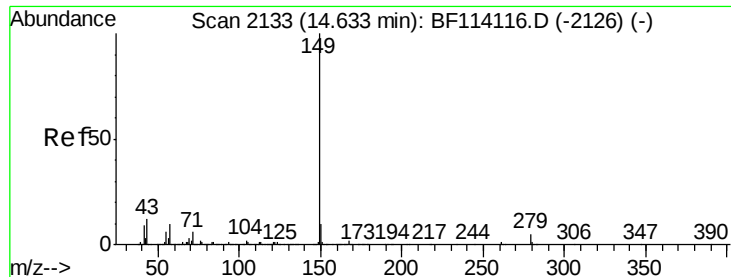
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.691 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion:149 Resp: 1211111
Ion Ratio Lower Upper
149 100
167 27.9 22.6 33.8
279 3.5 3.0 4.6





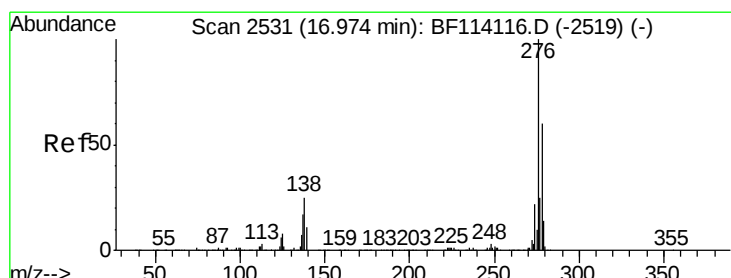
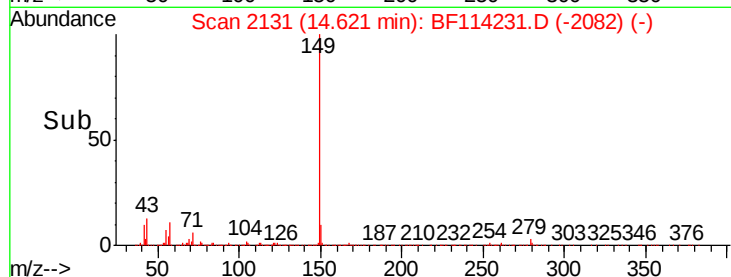
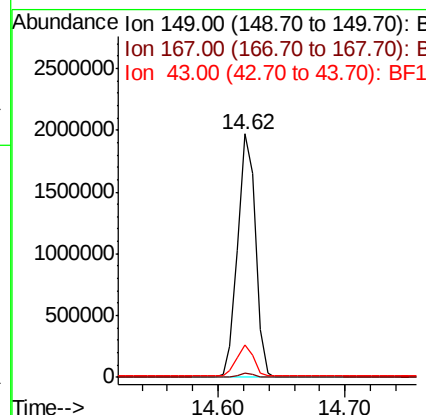
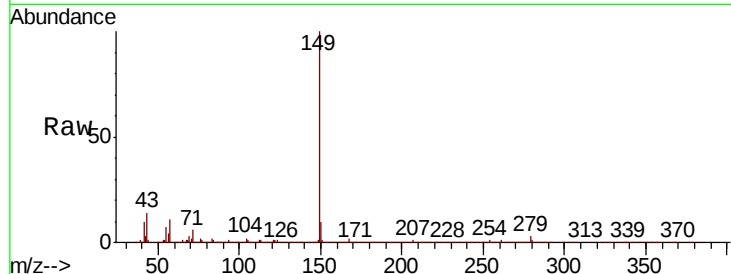
#85
Di-n-octyl phthalate
Concen: 41.964 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	10.1	15.1

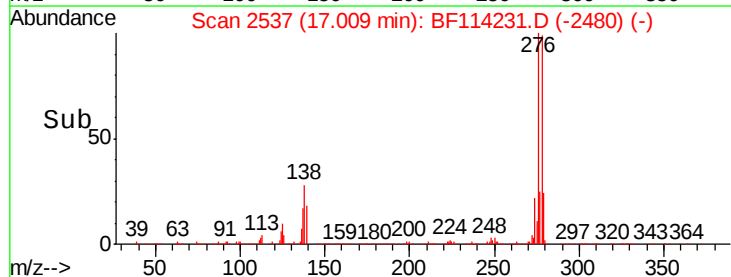
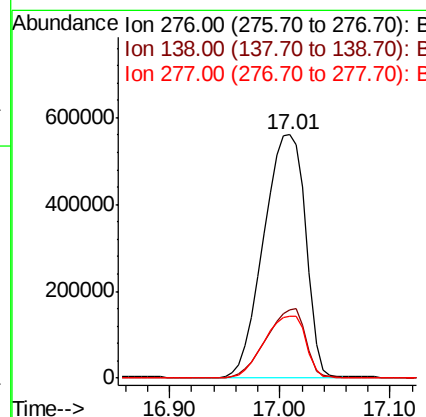
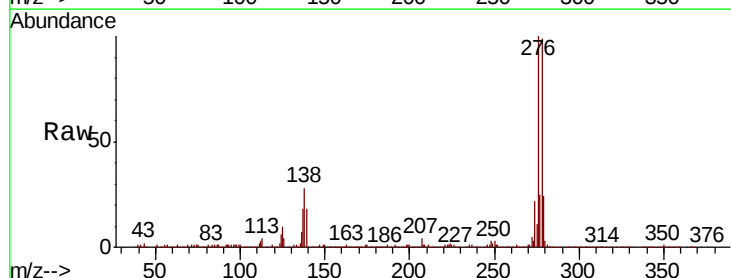
Manual Integrations
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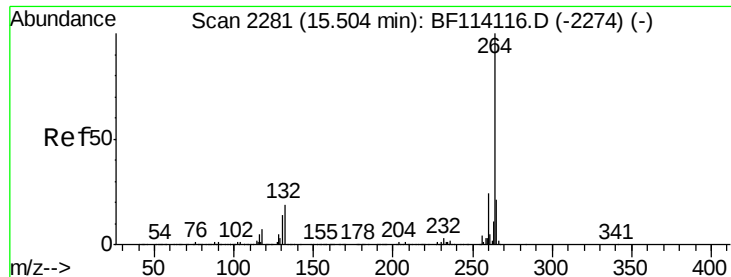
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.435 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.04 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.2	30.2
277	25.3	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Instrument :

BNA_F

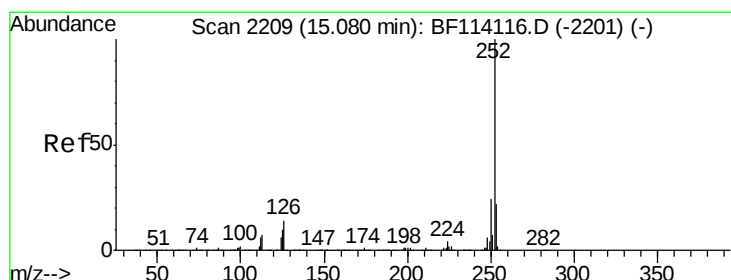
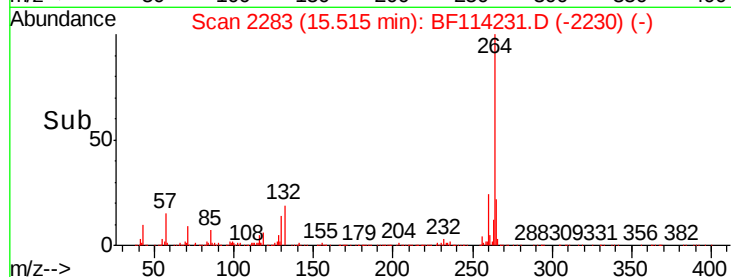
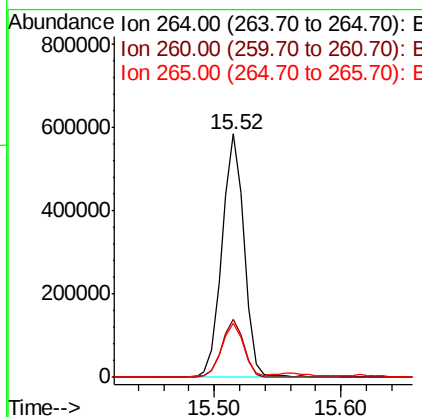
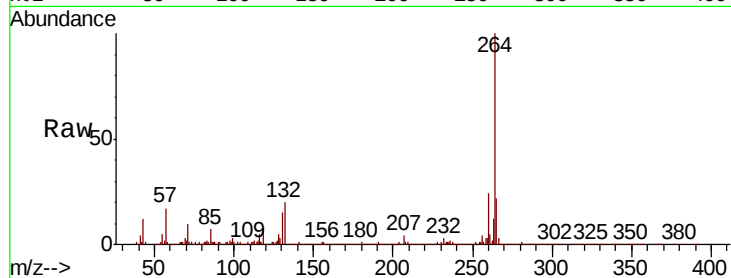
ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:	264	Resp:	700879
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.0
265	22.2	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 39.854 ng

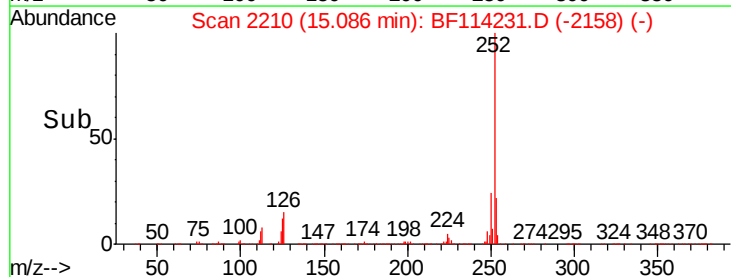
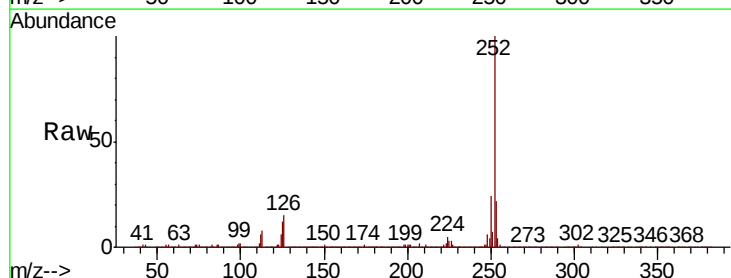
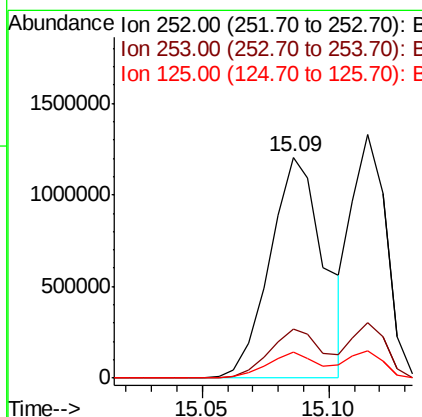
RT: 15.09 min Scan# 2210

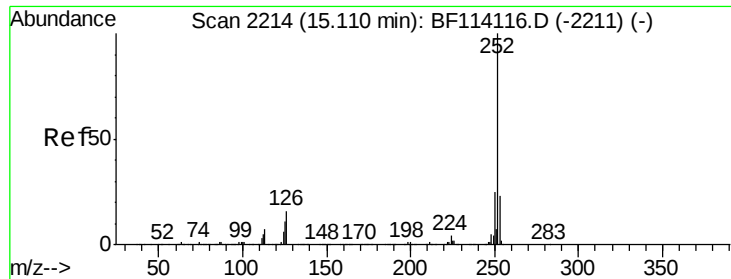
Delta R.T. 0.01 min

Lab File: BF114231.D

Acq: 13 May 2019 16:16

Tgt Ion:	252	Resp:	1789531
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	11.7	8.3	12.5





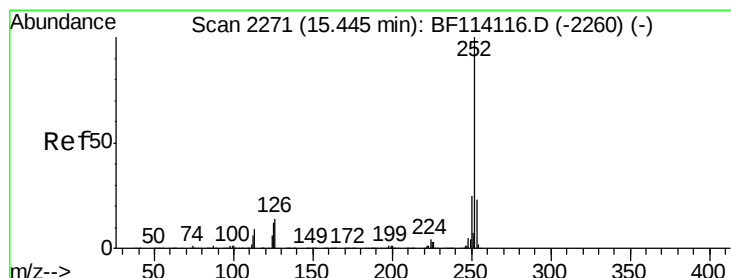
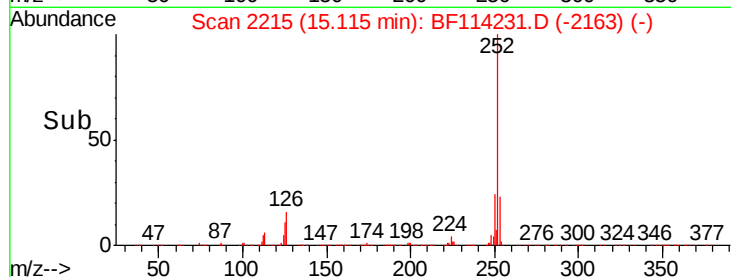
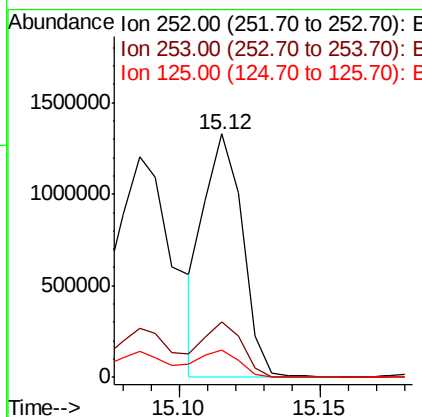
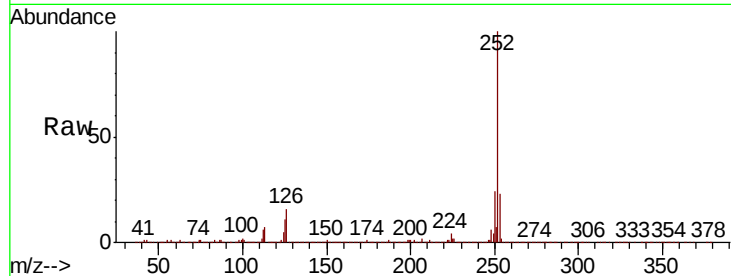
#89
Benzo(k)fluoranthene
Concen: 30.465 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.4	8.6	13.0

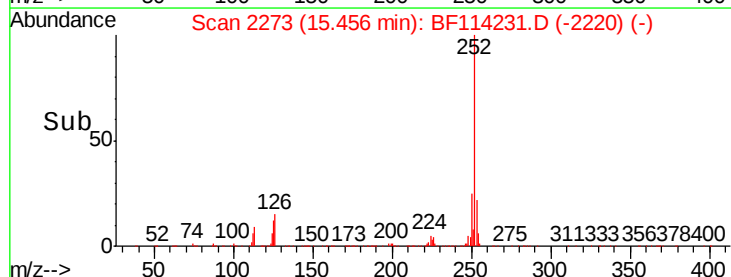
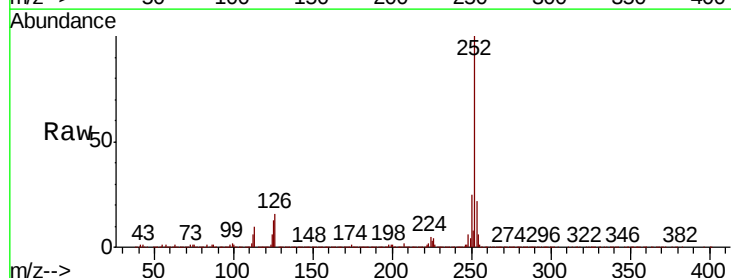
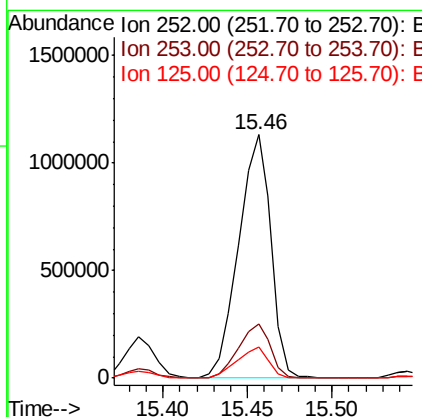
Manual Integrations
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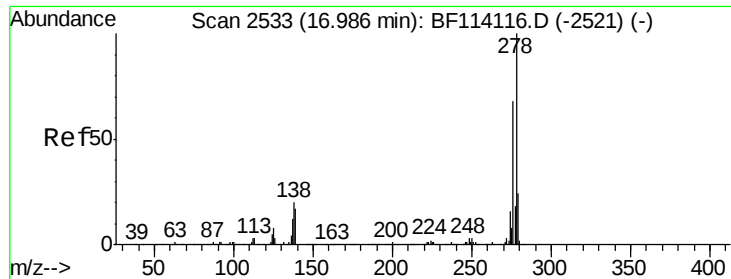
Sohil
5/14/2019 8:03:14 PM



#90
Benzo(a)pyrene
Concen: 37.989 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.7	9.5	14.3





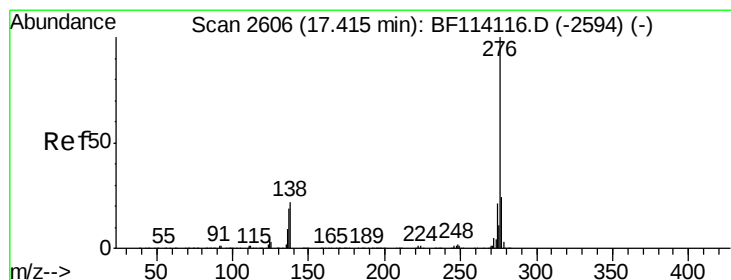
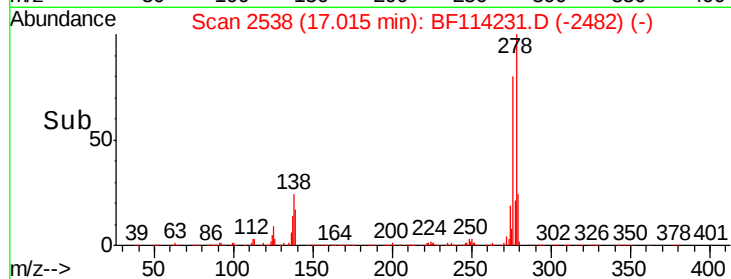
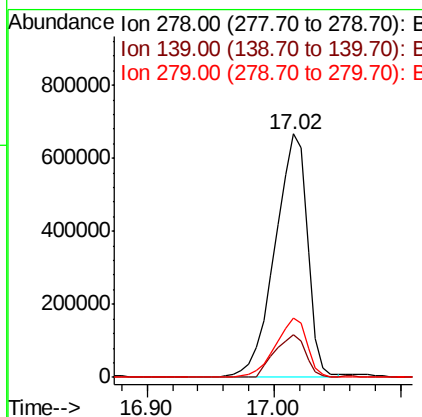
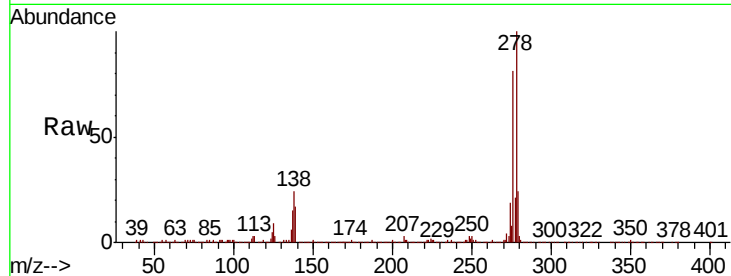
#91
Dibenzo(a,h)anthracene
Concen: 35.709 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.03 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.5	20.3
279	24.4	19.0	28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 37.555 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.04 min
Lab File: BF114231.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	23.1	17.8	26.6

