

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114116.D
 Acq On : 10 May 2019 10:32
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:34:12 PM

Quant Time: May 10 11:59:28 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 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	313605	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1205634	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	552665	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1101549	20.00	ng	0.00
76) Chrysene-d12	14.02	240	778209	20.00	ng	0.00
87) Perylene-d12	15.50	264	747889	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1596367	82.54	ng	0.00
7) Phenol-d6	6.49	99	1845660	75.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	1750592	79.83	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	455014	65.41	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2904884	83.81	ng	0.00
79) Terphenyl-d14	12.96	244	2892706	73.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	437168	42.755	ng	100
3) Pyridine	3.39	79	1162690	44.066	ng	100
4) n-Nitrosodimethylamine	3.35	42	573720	64.397	ng	100
6) Aniline	6.52	93	1356116	41.625	ng	100
8) 2-Chlorophenol	6.64	128	839680	38.231	ng	100
9) Benzaldehyde	6.40	77	687181	51.525	ng	100
10) Phenol	6.50	94	1103709	38.983	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	827879	37.666	ng	100
12) 1,3-Dichlorobenzene	6.80	146	931958	38.515	ng	100
13) 1,4-Dichlorobenzene	6.87	146	940836	38.720	ng	100
14) 1,2-Dichlorobenzene	7.03	146	879113	40.452	ng	100
15) Benzyl Alcohol	6.99	79	733452	40.418	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1617926	73.112	ng	100
17) 2-Methylphenol	7.11	107	684508	41.403	ng	100
18) Hexachloroethane	7.37	117	357510	43.069	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	571547	38.854	ng	100
20) 3+4-Methylphenols	7.26	107	795324	39.250	ng	100
22) Acetophenone	7.26	105	1082372	38.214	ng	100
24) Nitrobenzene	7.43	77	900454	38.753	ng	100
25) Isophorone	7.67	82	1560405	36.541	ng	100
26) 2-Nitrophenol	7.75	139	426753	35.838	ng	100
27) 2,4-Dimethylphenol	7.79	122	671634	41.639	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1035011	39.649	ng	100
29) 2,4-Dichlorophenol	7.99	162	680265	36.556	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	769122	36.719	ng	100
31) Naphthalene	8.16	128	2341921	40.121	ng	100
32) Benzoic acid	7.92	122	434971m	39.096	ng	
33) 4-Chloroaniline	8.20	127	1062437	44.559	ng	100
34) Hexachlorobutadiene	8.28	225	442653	34.356	ng	100
35) Caprolactam	8.57	113	228770	41.666	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	698091	38.185	ng	100
37) 2-Methylnaphthalene	8.85	142	1517604	38.937	ng	100
38) 1-Methylnaphthalene	8.95	142	1441437	38.230	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	700082	40.561	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	300306	42.375	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	480964	43.375	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	493420	40.450	ng	100
46) 1,1'-Biphenyl	9.31	154	1836059	44.602	ng	100
47) 2-Chloronaphthalene	9.33	162	1487638	44.346	ng	100
48) 2-Nitroaniline	9.43	65	523818	56.203	ng	100
49) Acenaphthylene	9.75	152	2268641	42.891	ng	100
50) Dimethylphthalate	9.61	163	1653581	41.423	ng	100
51) 2,6-Dinitrotoluene	9.67	165	368612	40.743	ng	100
52) Acenaphthene	9.92	154	1367956m	44.596	ng	
53) 3-Nitroaniline	9.84	138	460106	48.554	ng	100
54) 2,4-Dinitrophenol	9.95	184	154152	37.776	ng	100
55) Dibenzofuran	10.09	168	1990218	41.257	ng	100
56) 4-Nitrophenol	10.00	139	313744	43.598	ng	100
57) 2,4-Dinitrotoluene	10.07	165	491192	40.047	ng	100
58) Fluorene	10.44	166	1525320	41.281	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	412296	38.049	ng	100
60) Diethylphthalate	10.31	149	1629831	41.579	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	750828	39.261	ng	100
62) 4-Nitroaniline	10.45	138	459204	46.874	ng	100
63) Azobenzene	10.59	77	1588284	42.273	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	216904	34.825	ng	100
66) n-Nitrosodiphenylamine	10.55	169	1385292	40.284	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	493322	36.061	ng	100
68) Hexachlorobenzene	10.99	284	546190	36.367	ng	100
69) Atrazine	11.07	200	418934	36.323	ng	100
70) Pentachlorophenol	11.18	266	266513	33.382	ng	100
71) Phenanthrene	11.40	178	2201833	39.518	ng	100
72) Anthracene	11.45	178	2234878	39.724	ng	100
73) Carbazole	11.60	167	2116487	42.625	ng	100
74) Di-n-butylphthalate	11.93	149	2450570	40.440	ng	100
75) Fluoranthene	12.59	202	2365716	40.008	ng	100
77) Benzidine	12.70	184	1361981	60.798	ng	100
78) Pyrene	12.82	202	2405601	44.427	ng	100
80) Butylbenzylphthalate	13.43	149	1049607	44.938	ng	100
81) Benzo(a)anthracene	14.01	228	2052724	40.718	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	826998	44.787	ng	100
83) Chrysene	14.04	228	2010105	40.902	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1389818	42.571	ng	100
85) Di-n-octyl phthalate	14.63	149	2305739	42.618	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1687738	37.257	ng	100
88) Benzo(b)fluoranthene	15.08	252	1908689	41.074	ng	100
89) Benzo(k)fluoranthene	15.11	252	1859261	45.341	ng	100
90) Benzo(a)pyrene	15.44	252	1714373	41.963	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	1373862	40.013	ng	100
92) Benzo(g,h,i)perylene	17.42	276	1348766	39.867	ng	100

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

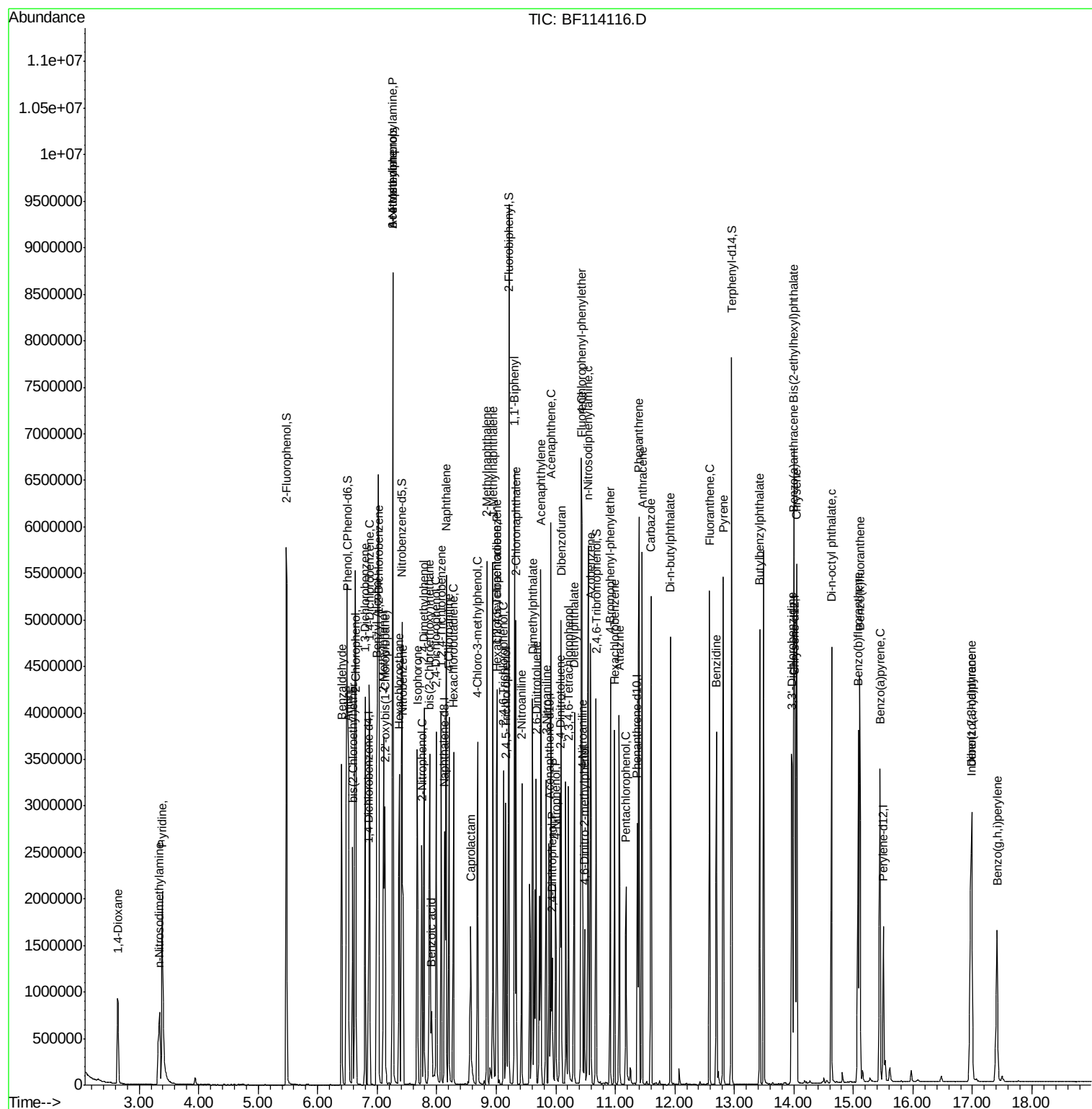
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114116.D
Acq On : 10 May 2019 10:32
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

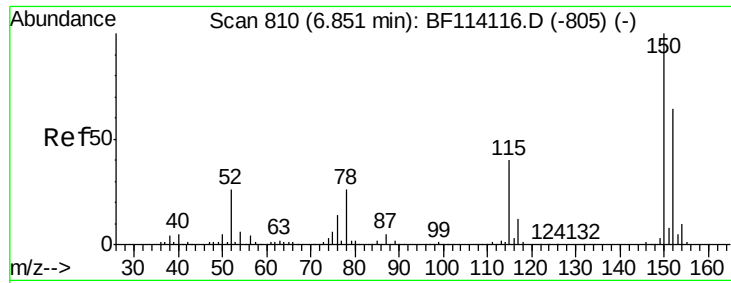
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#1

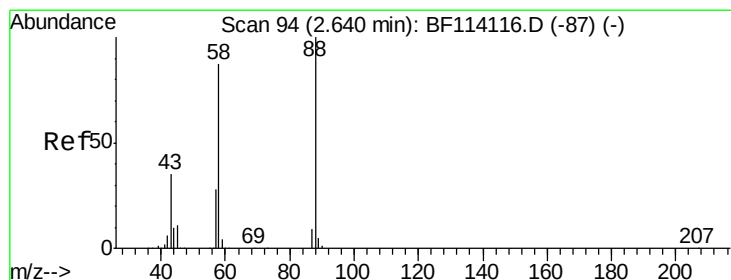
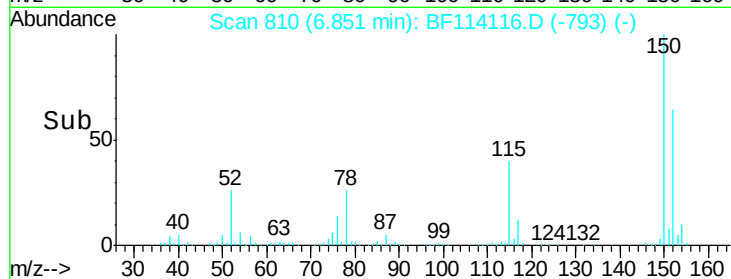
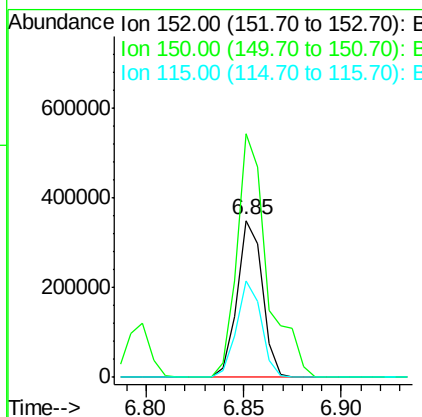
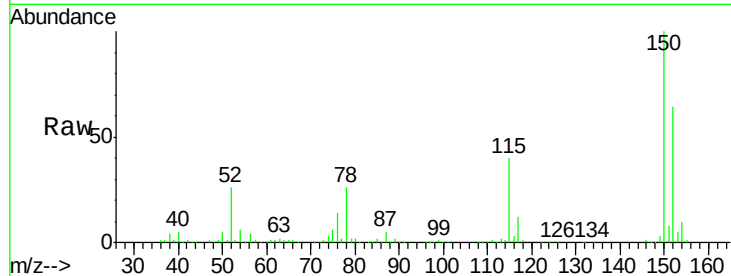
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	313605		
150	155.4	124.3	186.5	
115	61.4	49.1	73.7	

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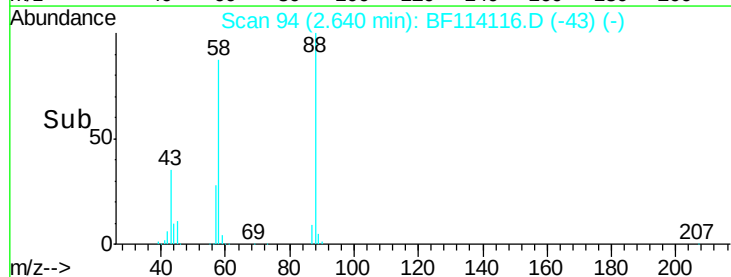
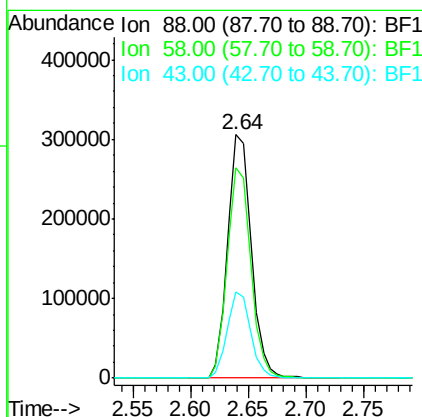
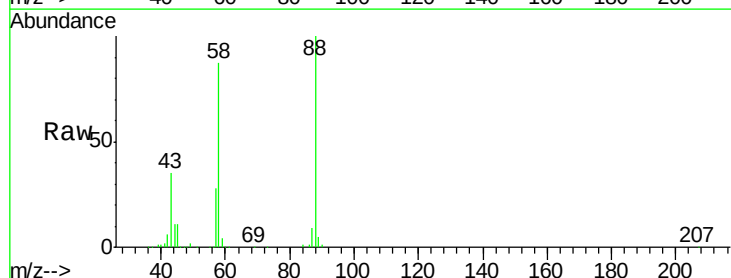
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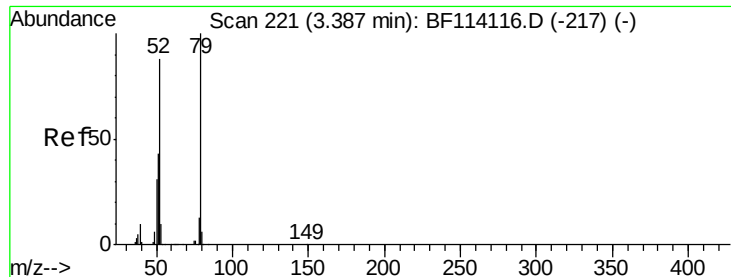


#2

1,4-Dioxane
Concen: 42.755 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	437168		
58	85.9	68.7	103.1	
43	35.2	28.2	42.2	





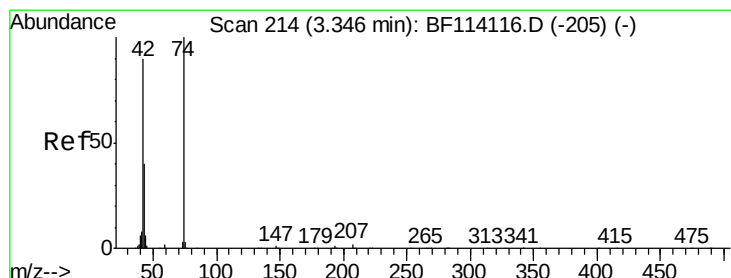
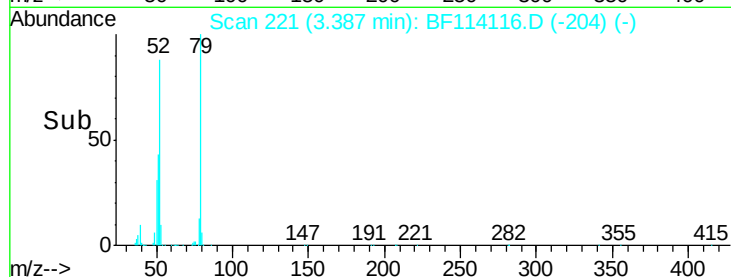
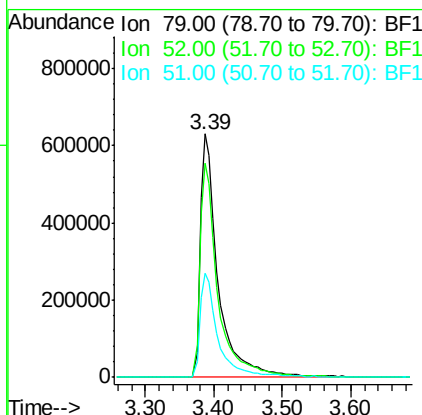
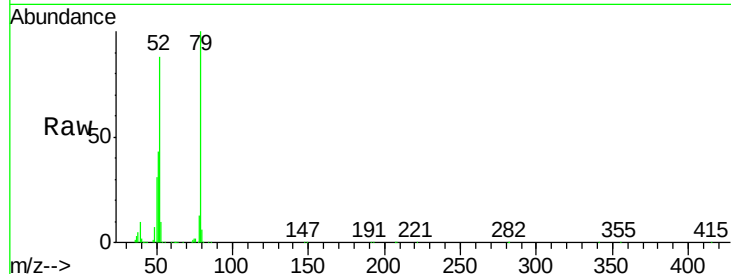
#3
 Pyridine
 Concen: 44.066 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 79 Resp: 1162690
 Ion Ratio Lower Upper
 79 100
 52 88.2 70.6 105.8
 51 42.7 34.2 51.2

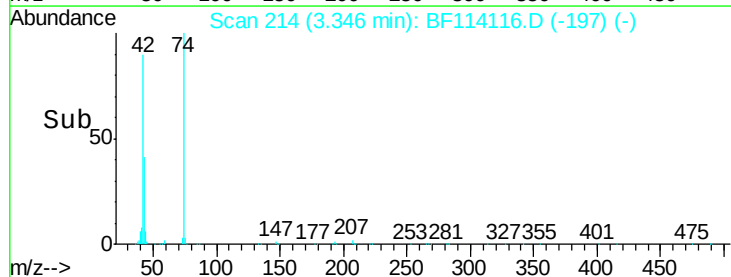
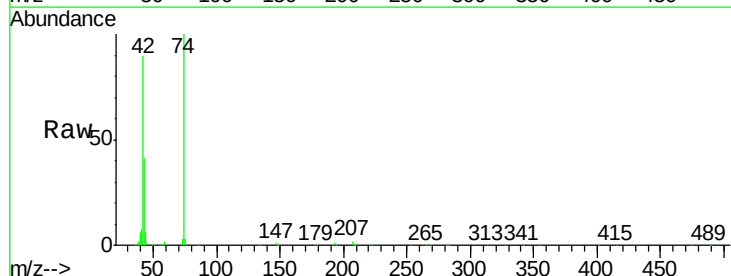
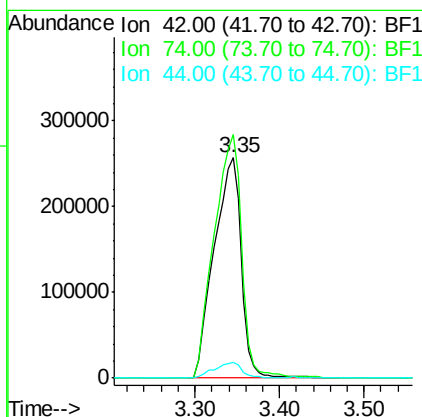
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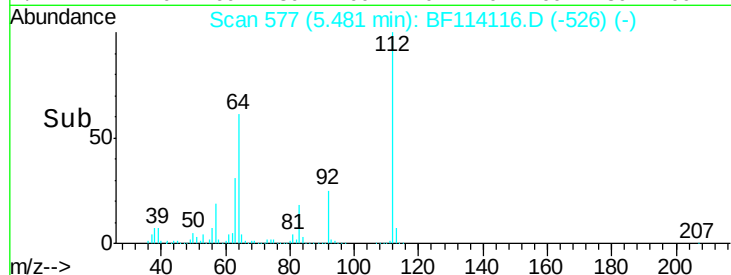
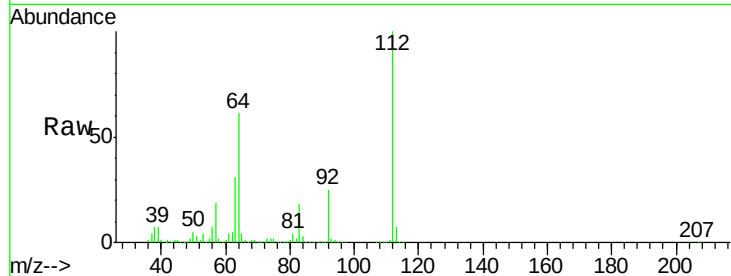
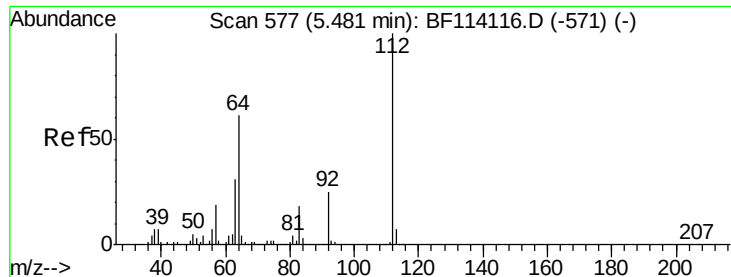
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#4
 n-Nitrosodimethylamine
 Concen: 64.397 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion: 42 Resp: 573720
 Ion Ratio Lower Upper
 42 100
 74 110.7 88.6 132.8
 44 6.9 5.5 8.3





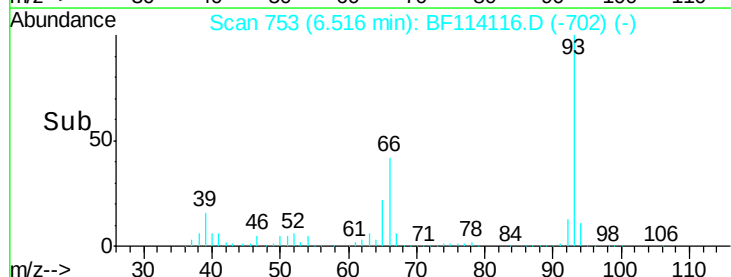
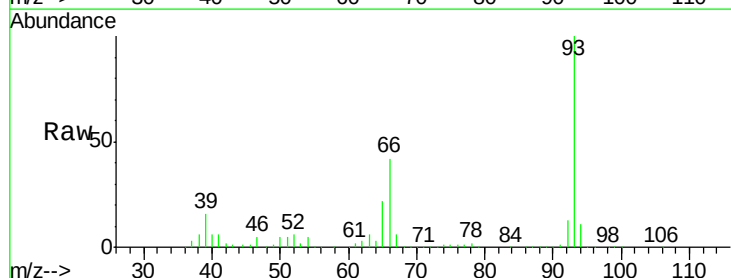
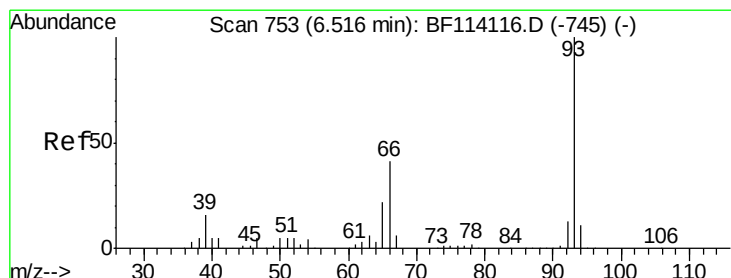
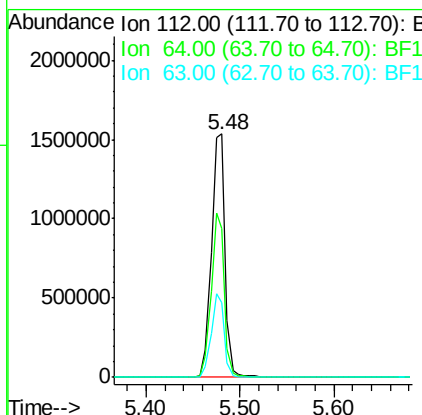
#5
2-Fluorophenol
Concen: 82.541 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.0	73.6
63	30.8	24.6	37.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

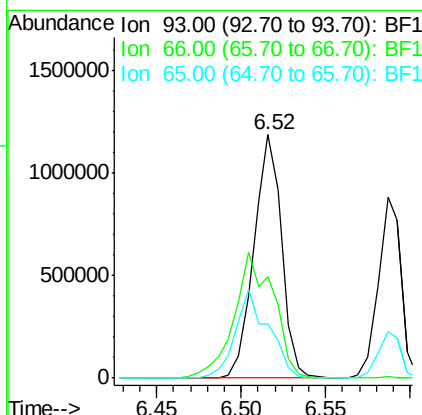
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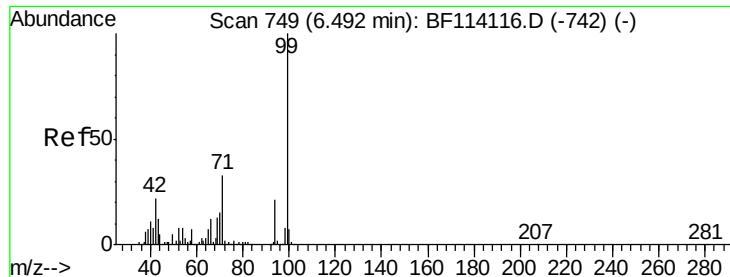
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#6
Aniline
Concen: 41.625 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.2	49.8
65	22.0	17.6	26.4





#7

Phenol-d6

Concen: 75.975 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 1845660

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

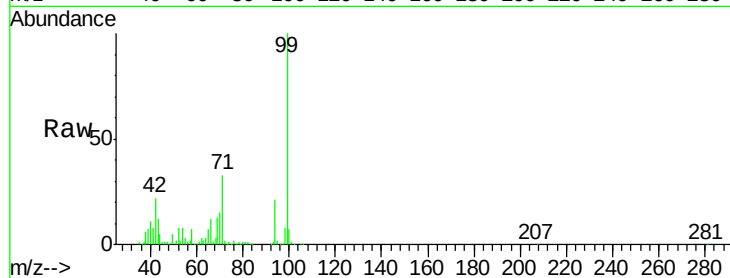
71 32.7 26.2 39.2

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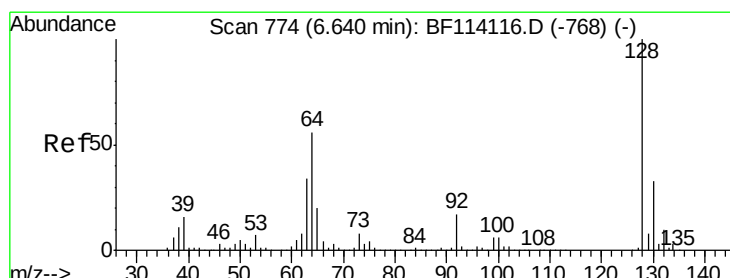
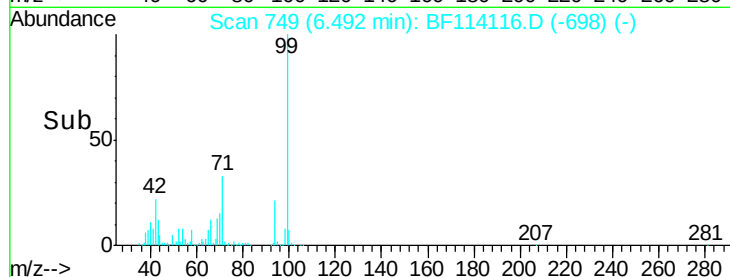
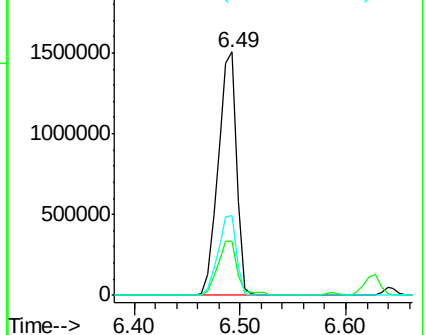
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.231 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

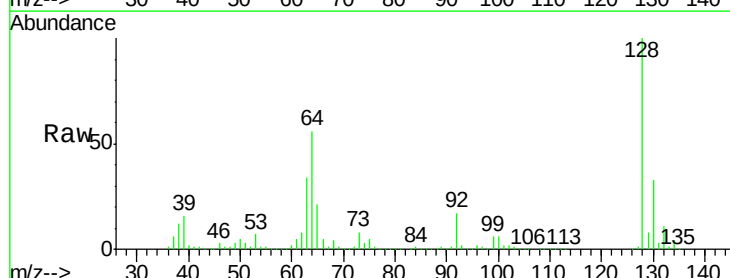
Tgt Ion: 128 Resp: 839680

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

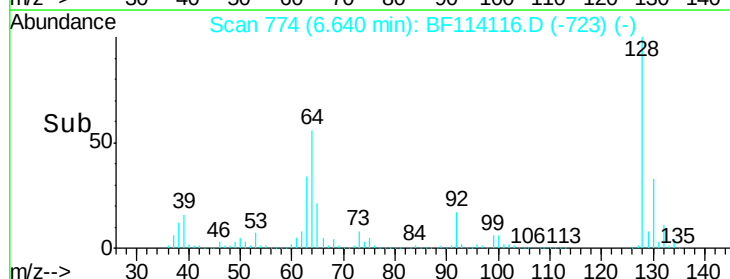
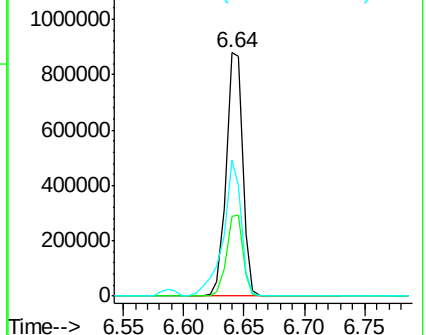
64 55.9 35.9 75.9

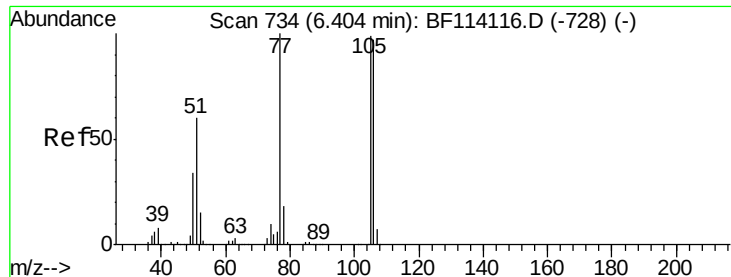


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 51.525 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

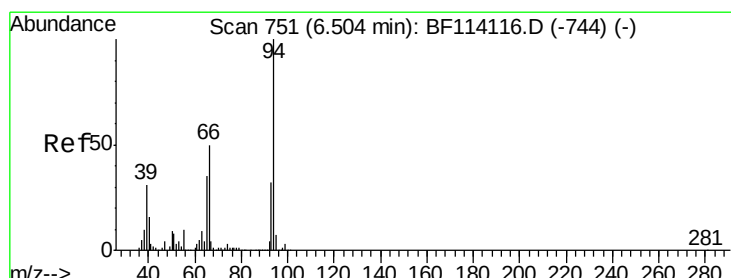
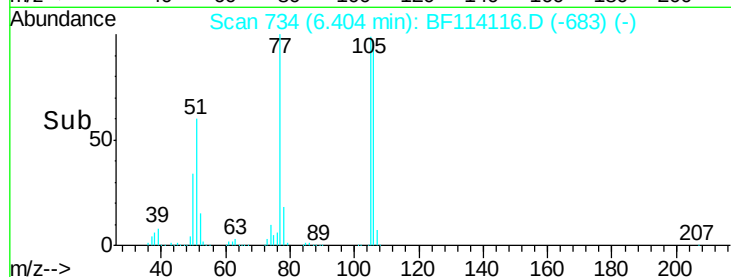
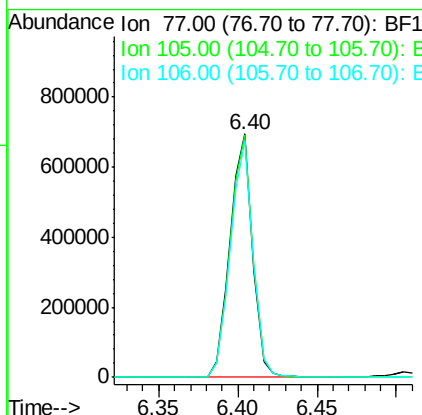
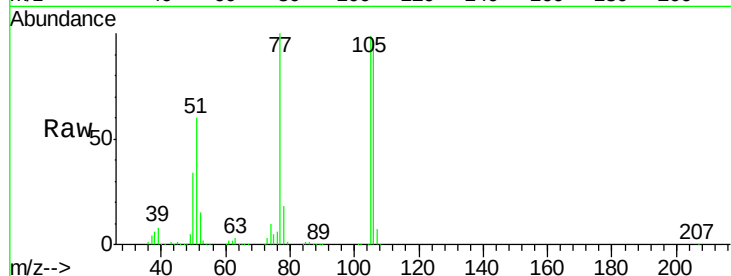
ClientSampleId :

SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	99.3	79.3	119.3
106	97.0	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 38.983 ng

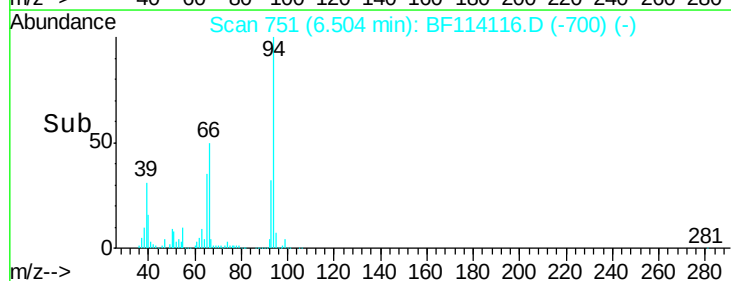
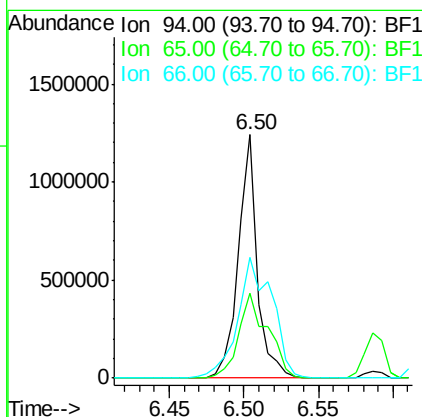
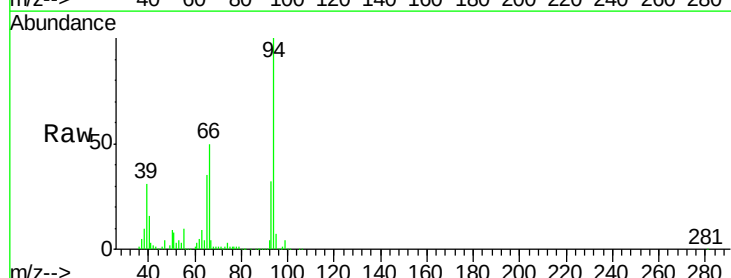
RT: 6.50 min Scan# 751

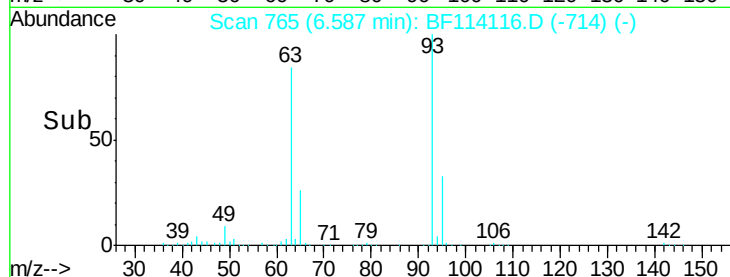
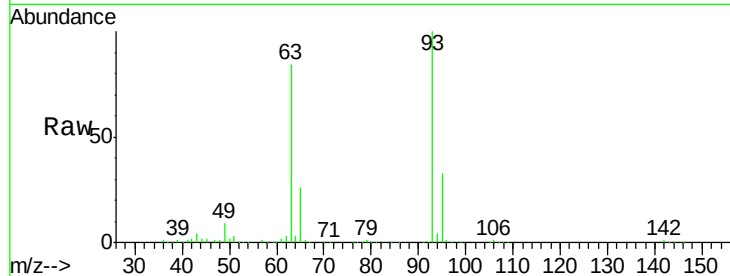
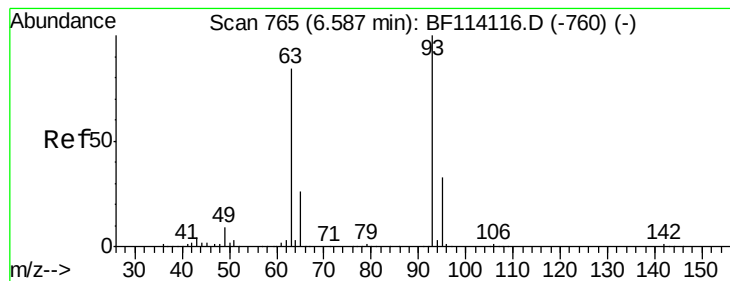
Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	14.7	54.7
66	49.6	29.6	69.6





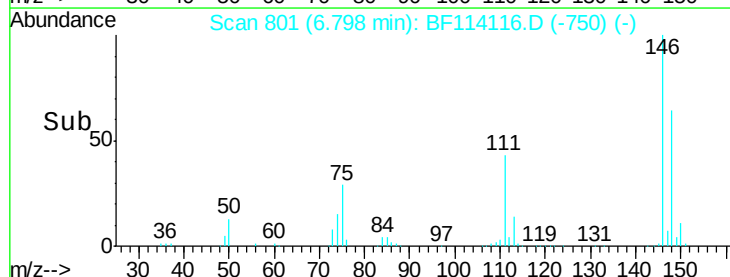
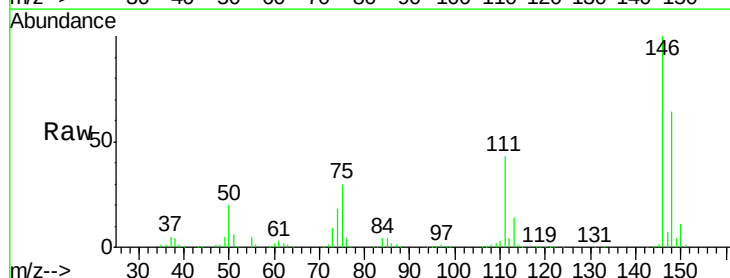
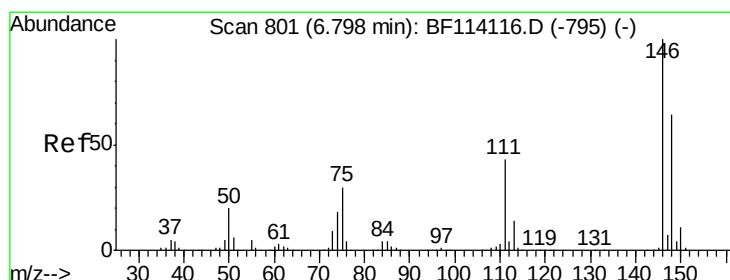
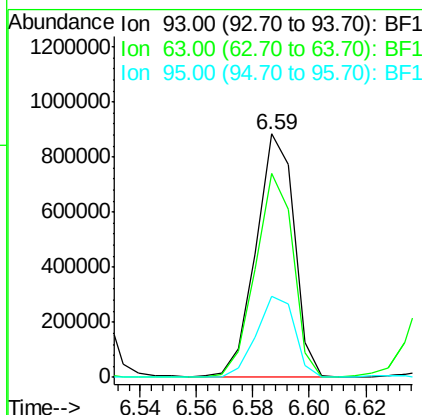
#11
bis(2-Chloroethyl)ether
Concen: 37.666 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.6	103.6
95	33.1	13.1	53.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

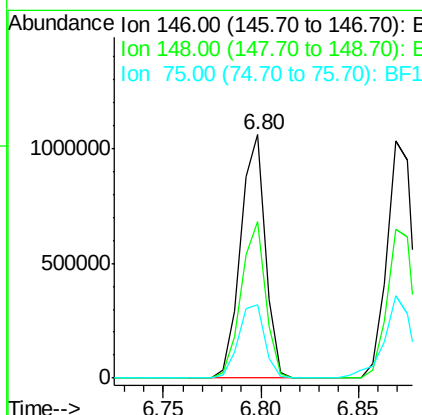
Manual Integrations
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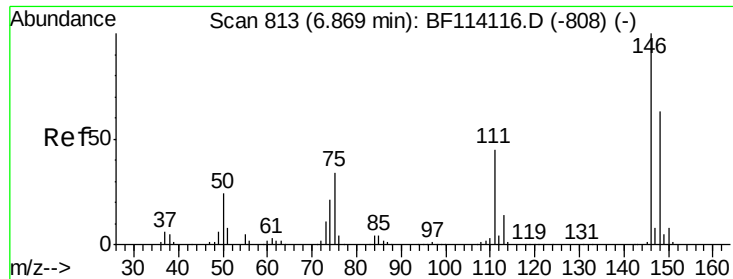
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.515 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	30.2	24.2	36.2





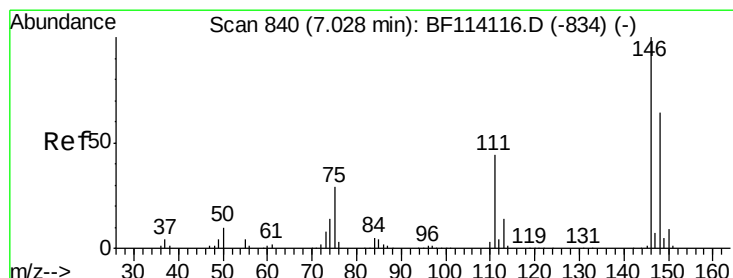
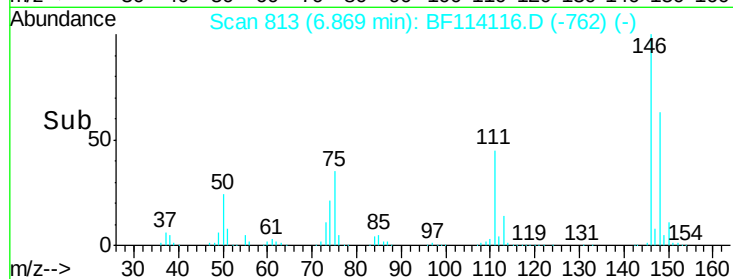
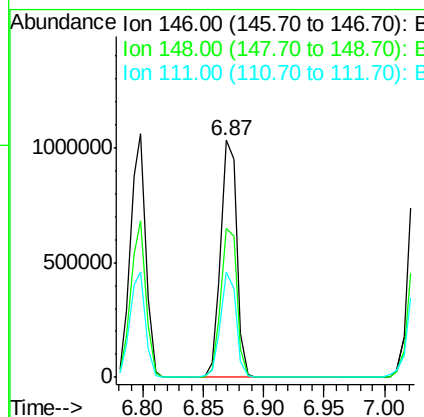
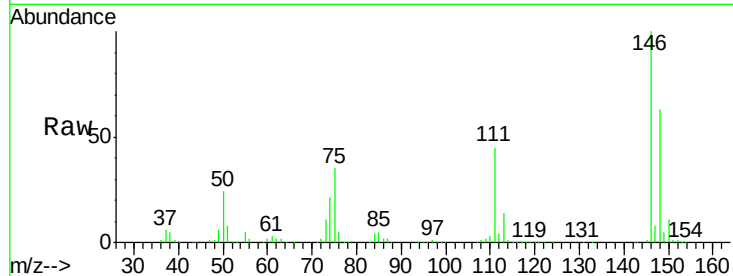
#13
 1,4-Dichlorobenzene
 Concen: 38.720 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	940836		
148	62.7	50.2	75.2	
111	44.7	35.8	53.6	

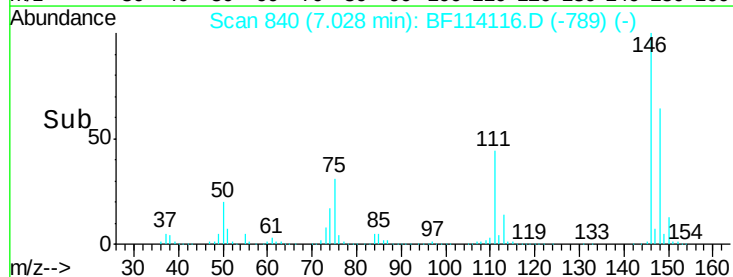
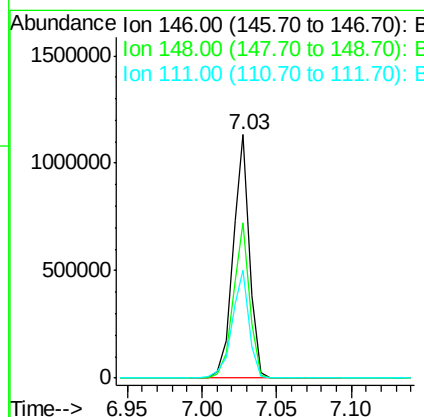
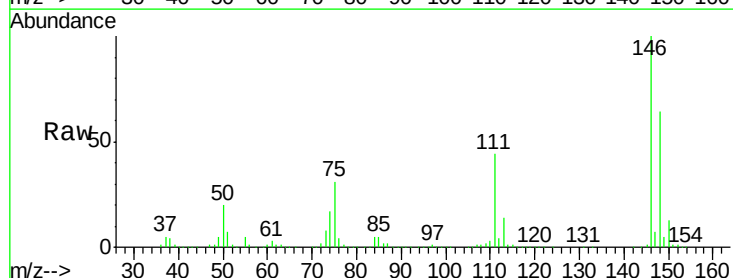
Manual Integrations
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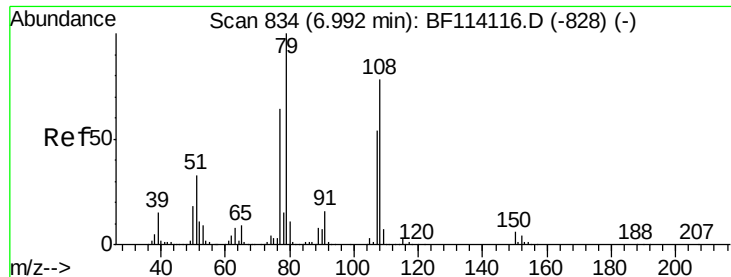
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#14
 1,2-Dichlorobenzene
 Concen: 40.452 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	879113		
148	63.9	51.1	76.7	
111	44.1	35.3	52.9	





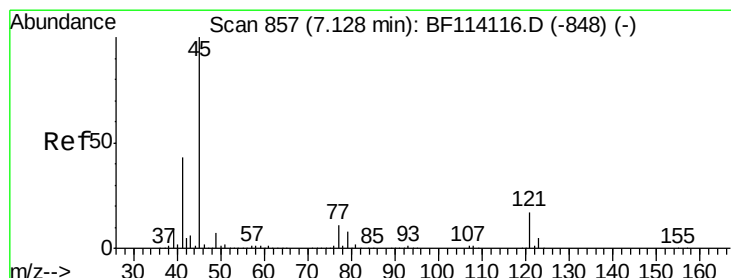
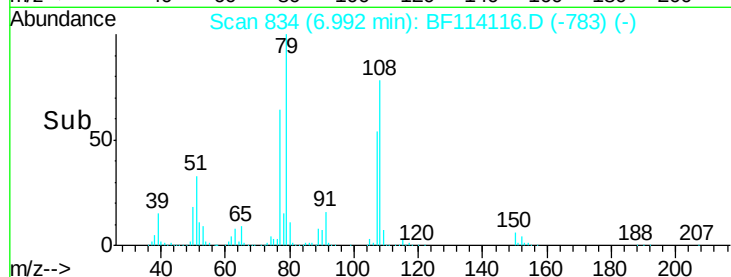
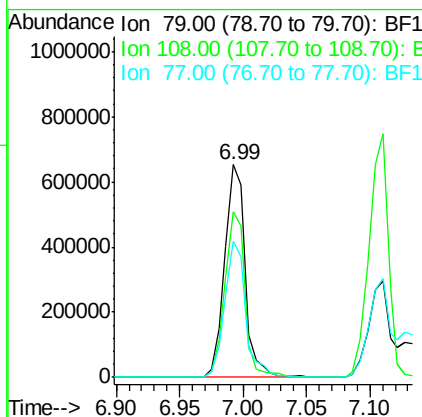
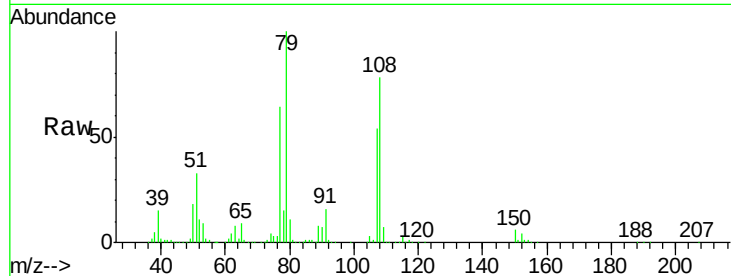
#15
Benzyl Alcohol
Concen: 40.418 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.6	62.1	93.1
77	63.8	51.0	76.6

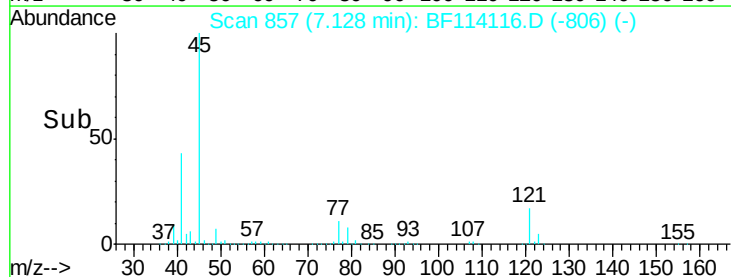
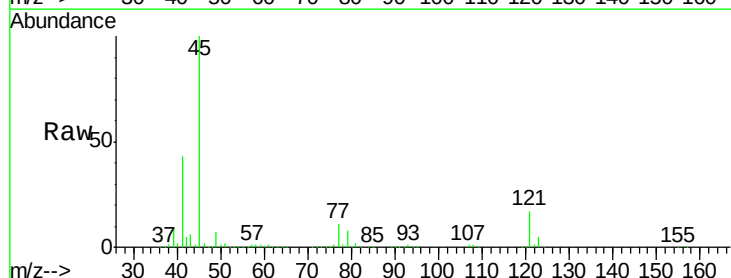
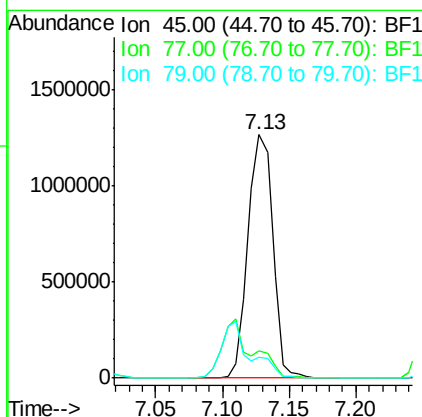
Manual Integrations
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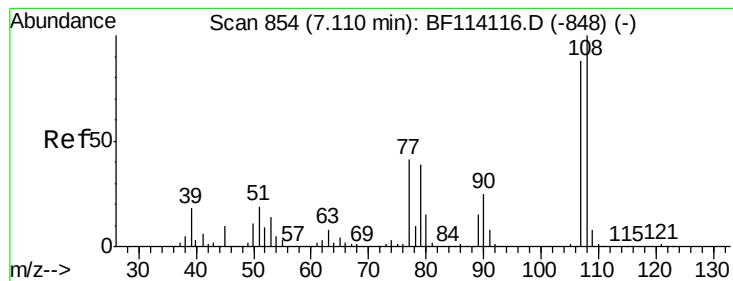
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.112 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.1
79	8.4	0.0	28.4





#17

2-Methylphenol

Concen: 41.403 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

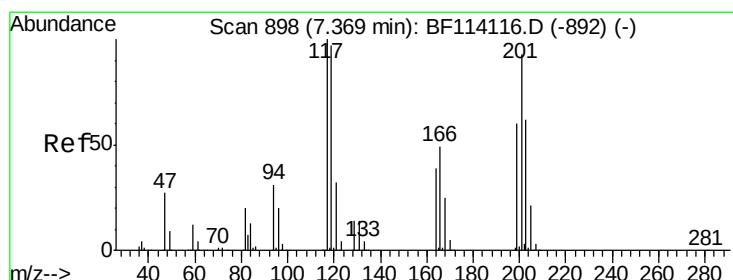
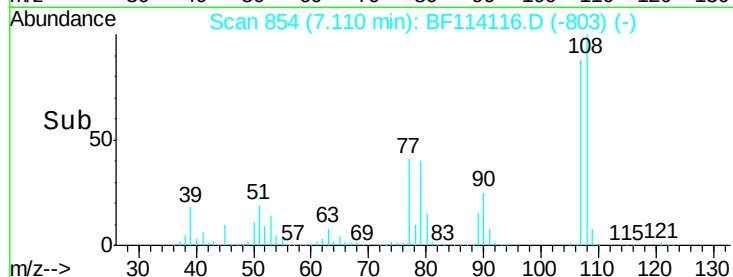
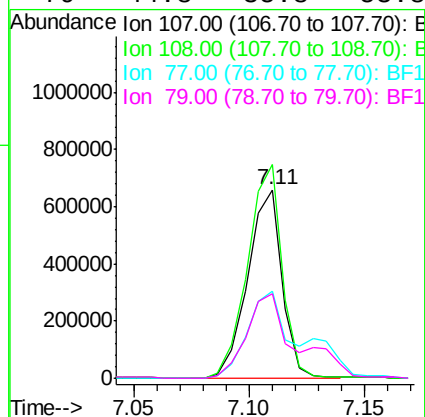
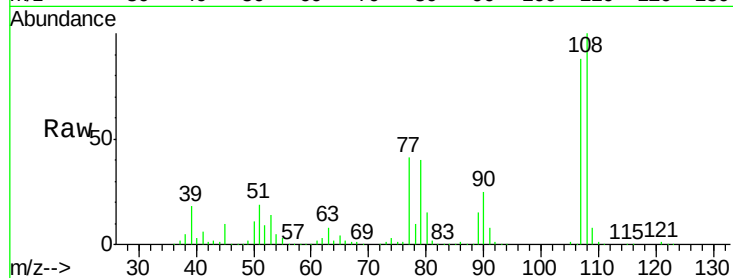
ClientSampleId :

SSTDICCC040

Tgt Ion:	107	Resp:	684508
Ion Ratio	Lower	Upper	
107	100		
108	113.1	90.5	135.7
77	46.2	37.0	55.4
79	44.8	35.8	53.8

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#18

Hexachloroethane

Concen: 43.069 ng

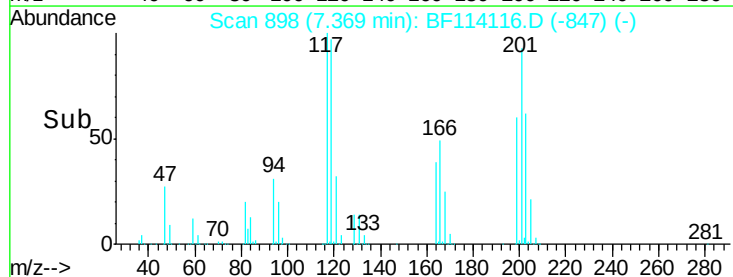
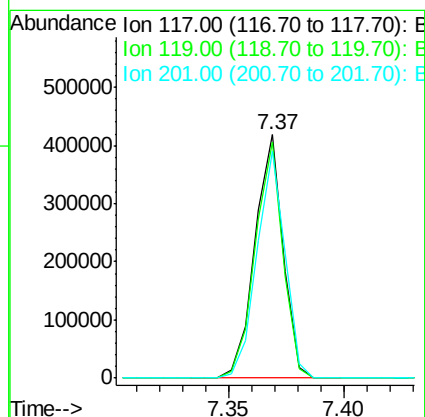
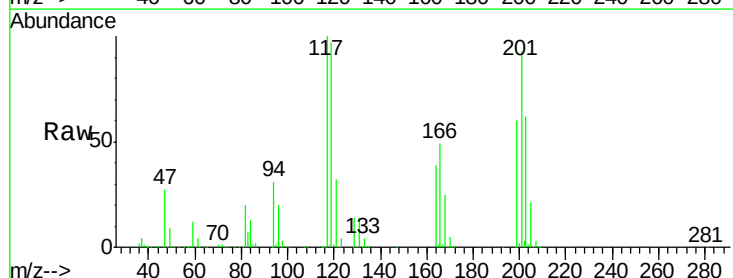
RT: 7.37 min Scan# 898

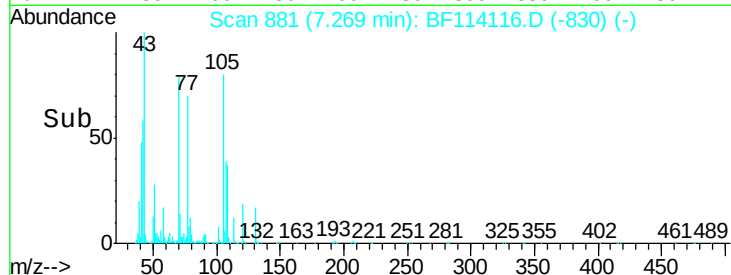
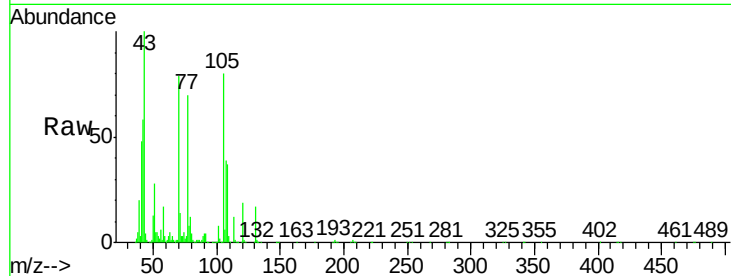
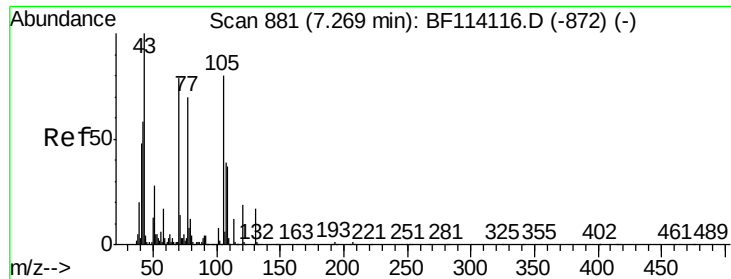
Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion:	117	Resp:	357510
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.4	116.2
201	93.1	74.5	111.7





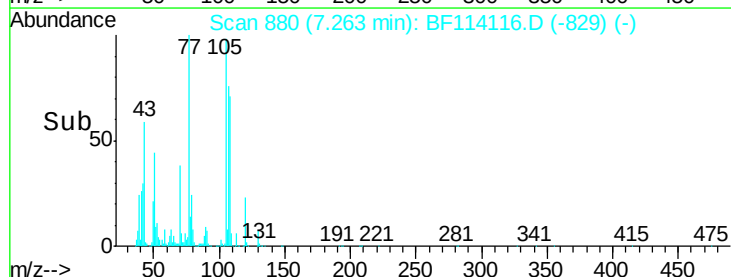
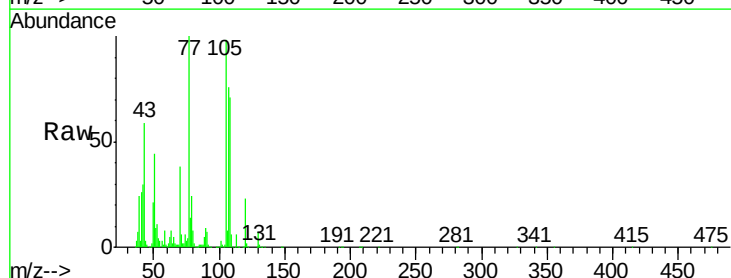
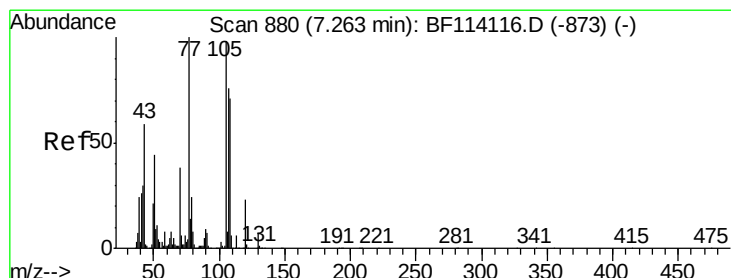
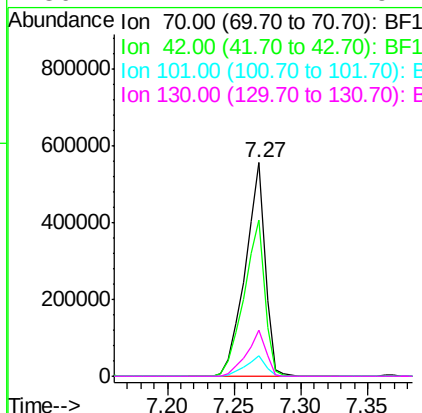
#19
n-Nitroso-di-n-propylamine
Concen: 38.854 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.2	58.6	87.8
101	9.8	7.8	11.8
130	21.4	17.1	25.7

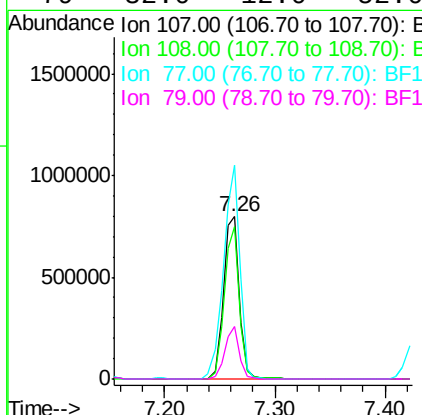
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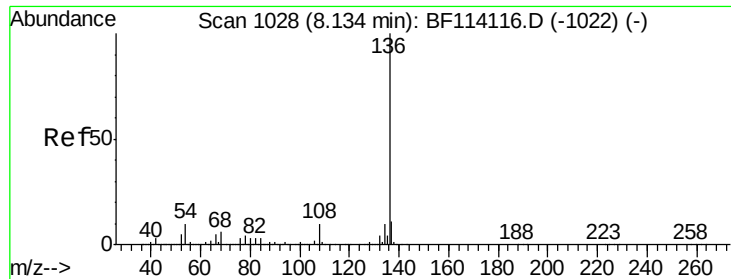
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#20
3+4-Methylphenols
Concen: 39.250 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	73.8	113.8
77	131.5	111.5	151.5
79	32.0	12.0	52.0





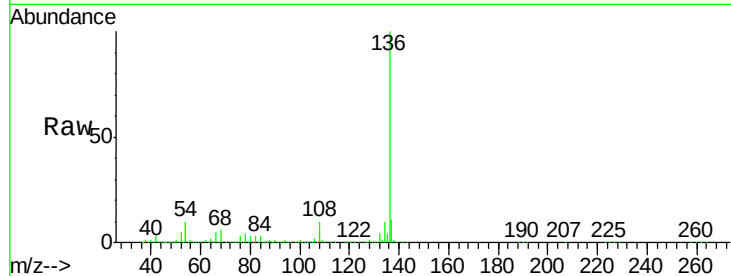
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

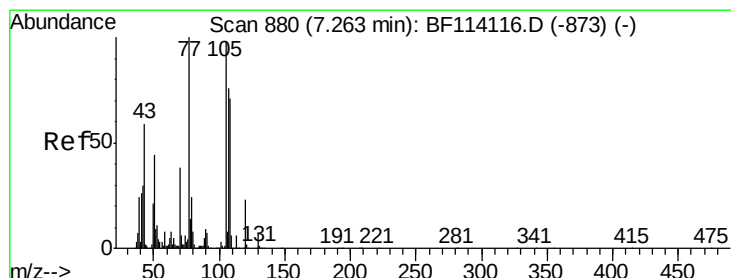
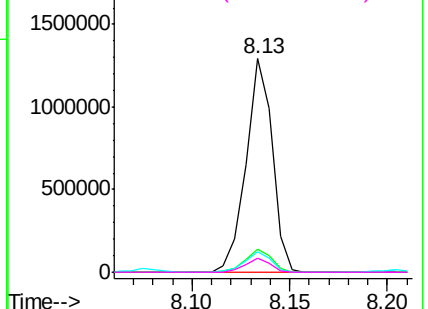
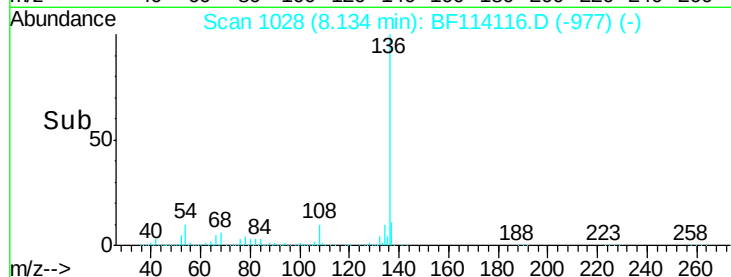
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.8	7.8	11.8
68	6.4	5.1	7.7

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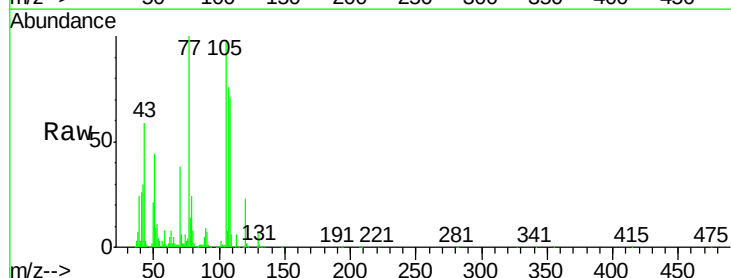


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

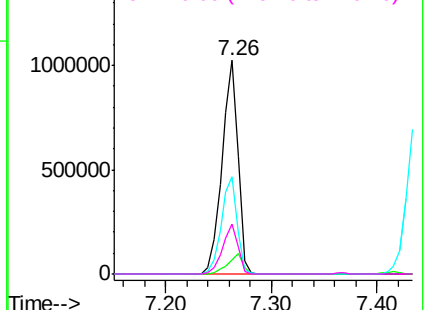
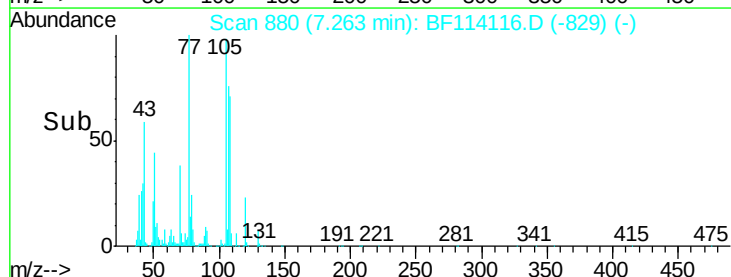


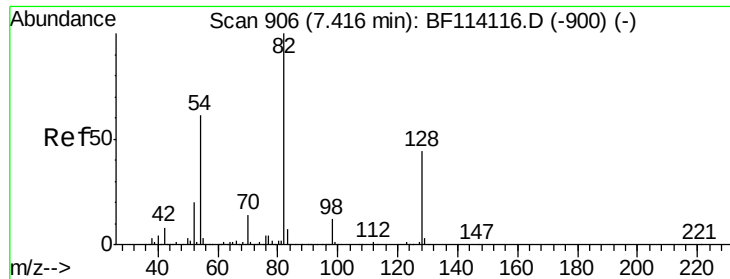
#22
Acetophenone
Concen: 38.214 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.3	7.9
51	45.3	36.2	54.4
120	23.3	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





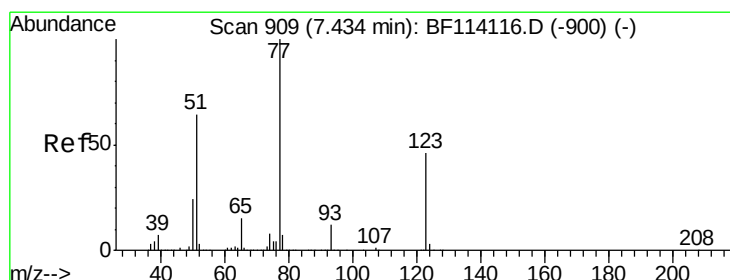
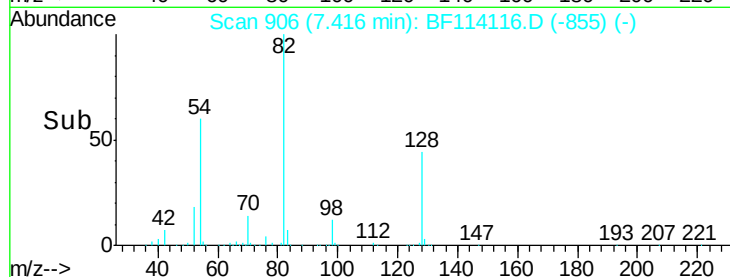
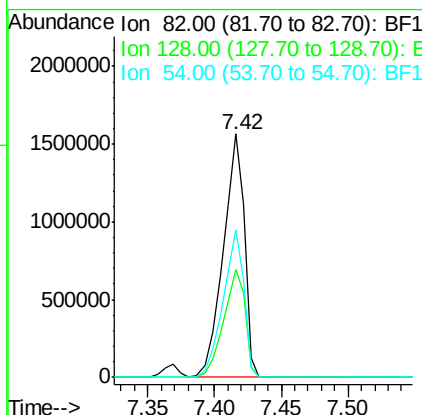
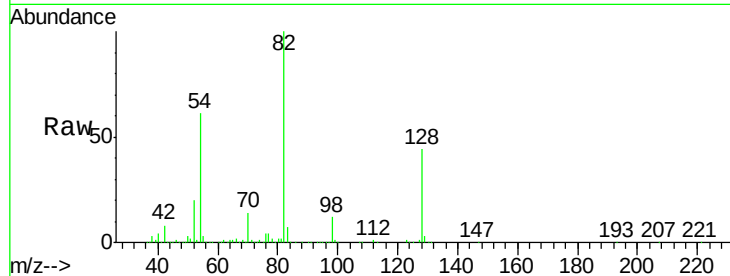
#23
 Nitrobenzene-d5
 Concen: 79.826 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.5	53.3
54	60.6	48.5	72.7

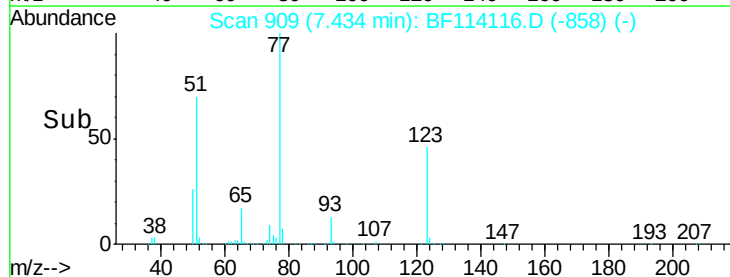
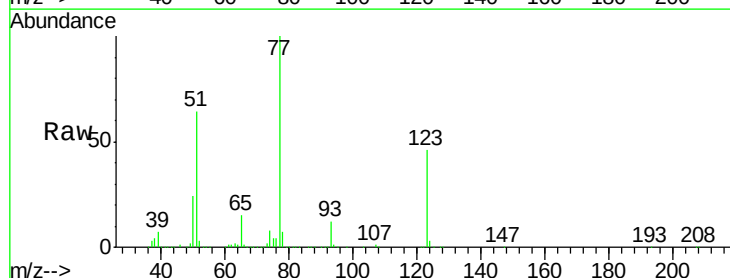
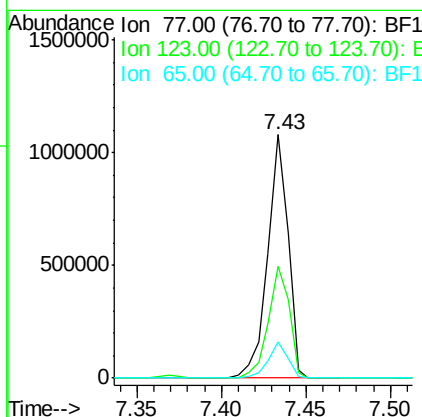
Manual Integrations
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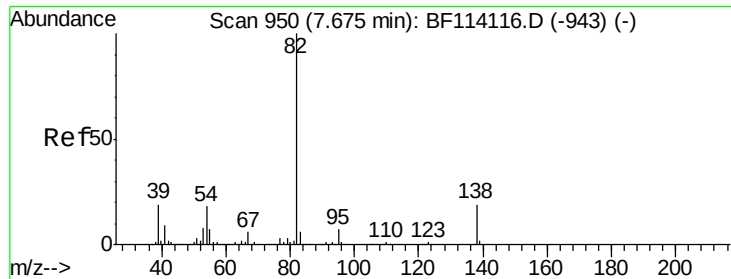
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#24
 Nitrobenzene
 Concen: 38.753 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.9	55.3
65	14.7	11.8	17.6





#25

Isophorone

Concen: 36.541 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1560405

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

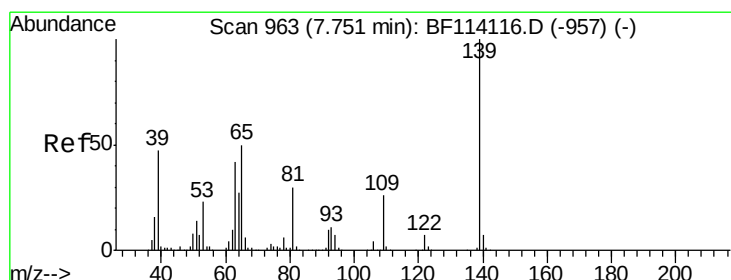
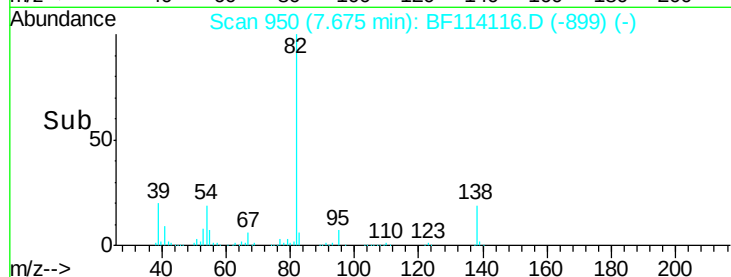
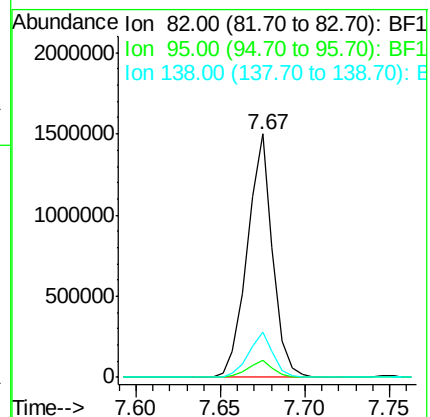
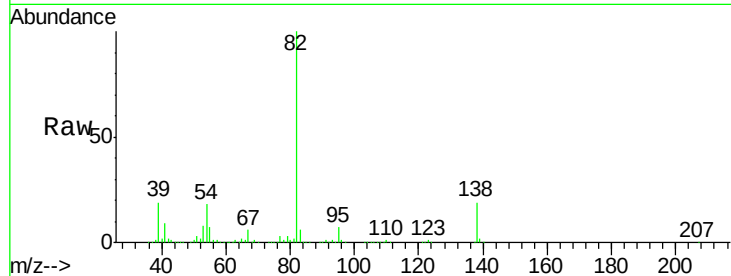
138 18.5 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 35.838 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

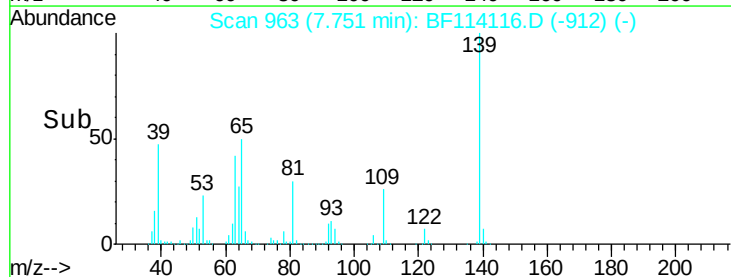
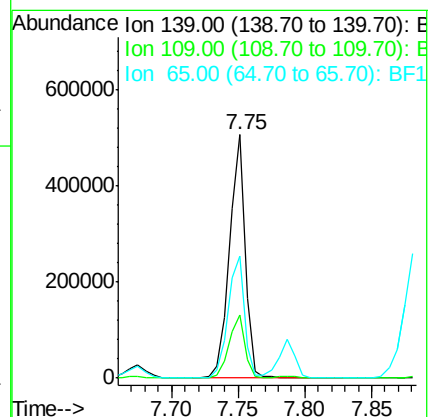
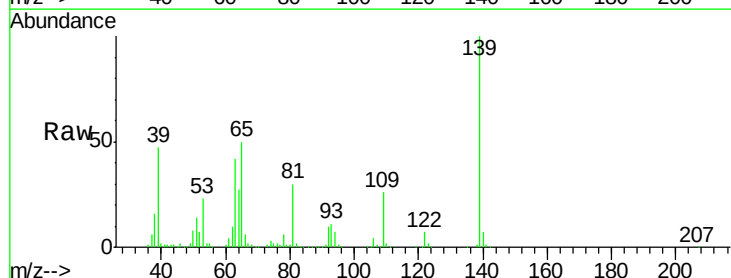
Tgt Ion: 139 Resp: 426753

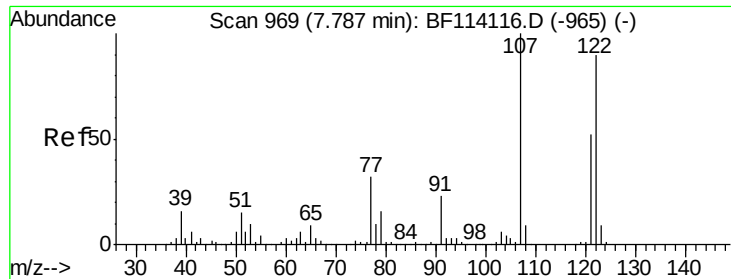
Ion Ratio Lower Upper

139 100

109 25.9 20.7 31.1

65 50.2 40.2 60.2





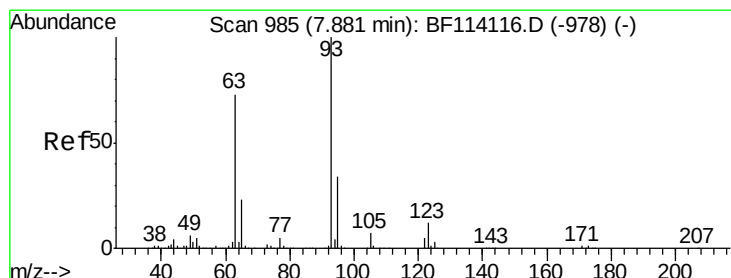
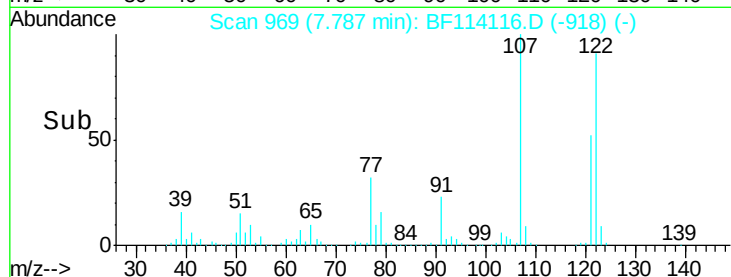
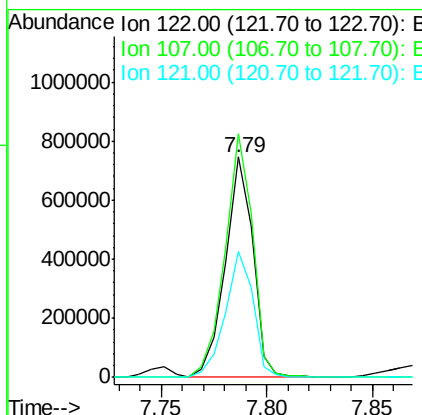
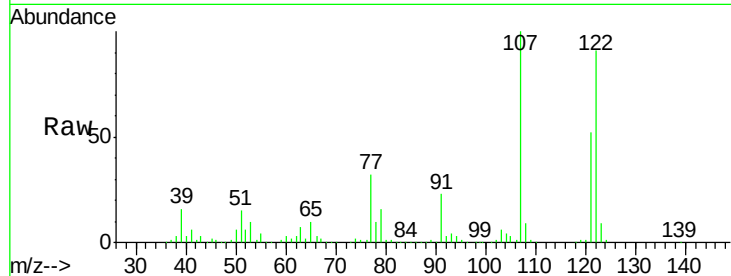
#27
2,4-Dimethylphenol
Concen: 41.639 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.5	88.4	132.6
121	57.4	45.9	68.9

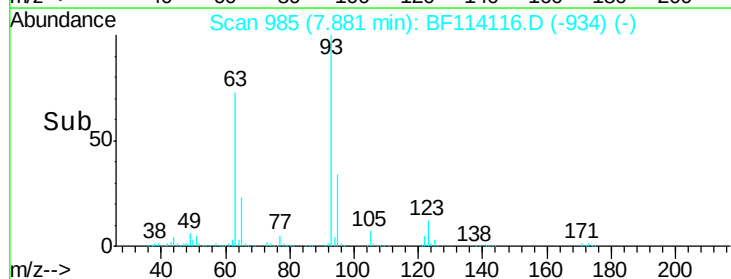
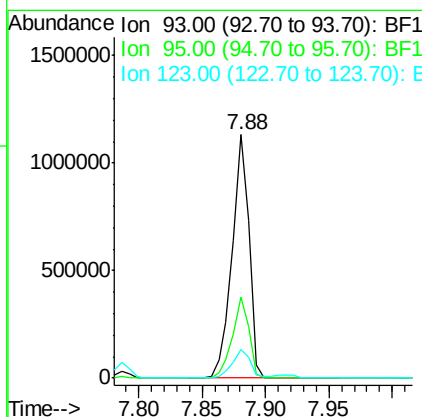
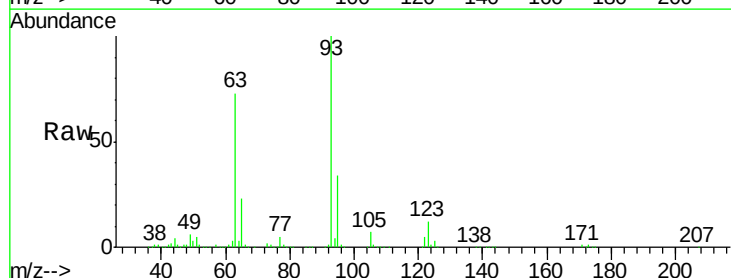
Manual Integrations
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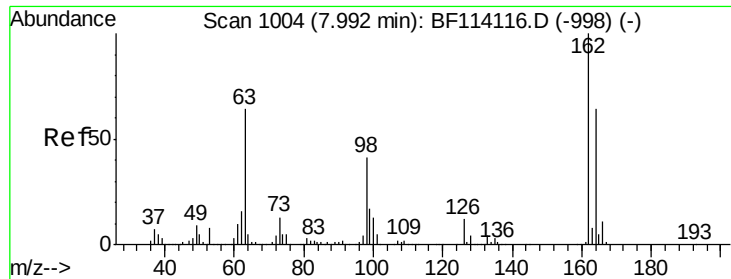
Sohil
5/13/2019 8:34:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.649 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.8	40.2
123	11.9	9.5	14.3





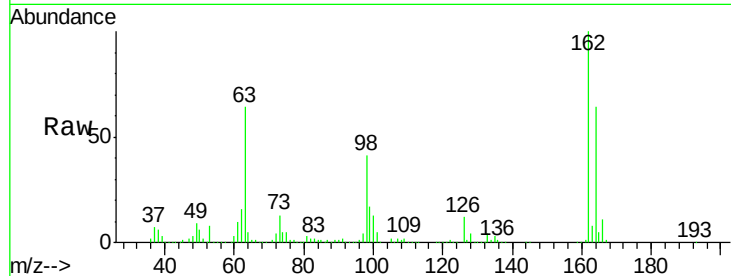
#29
2,4-Dichlorophenol
Concen: 36.556 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

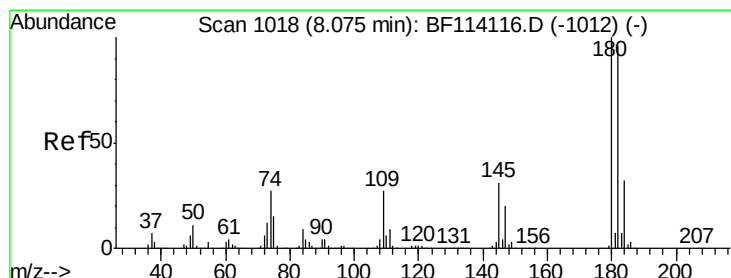
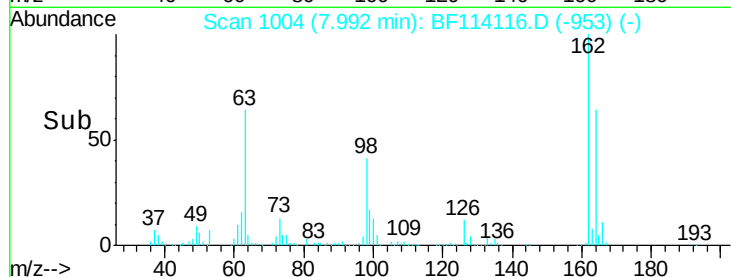
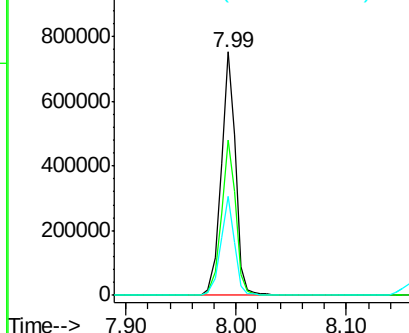
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	43.6	83.6
98	40.6	20.6	60.6

Manual Integrations
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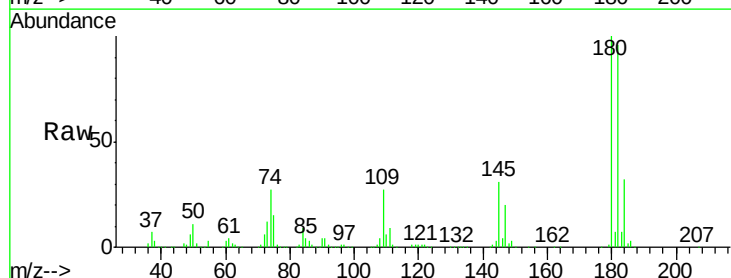


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

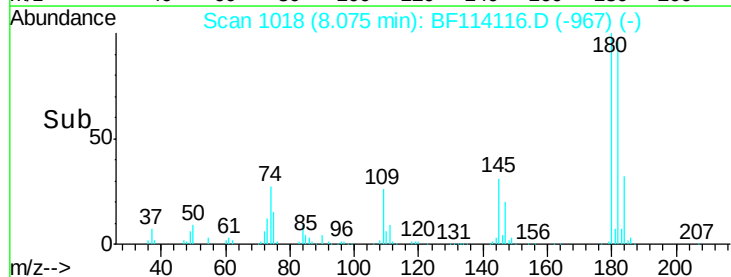
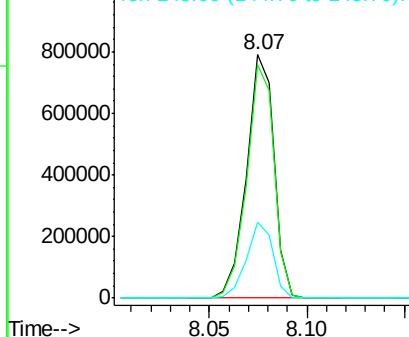


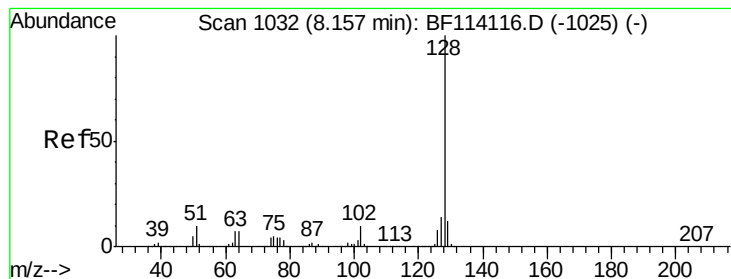
#30
1,2,4-Trichlorobenzene
Concen: 36.719 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	76.6	114.8
145	31.4	25.1	37.7



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





#31

Naphthalene

Concen: 40.121 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

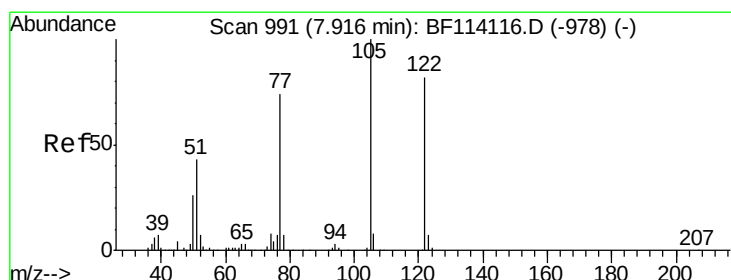
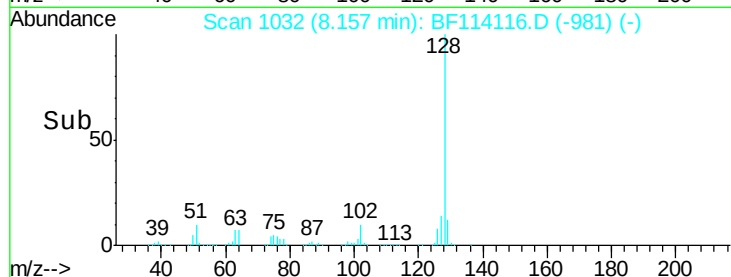
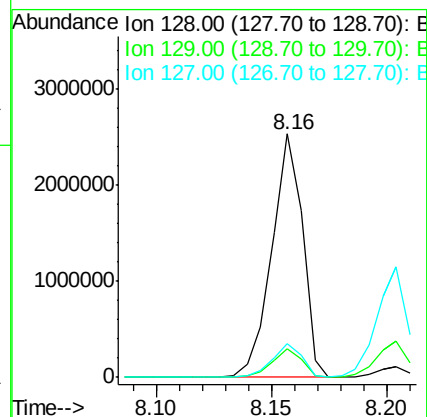
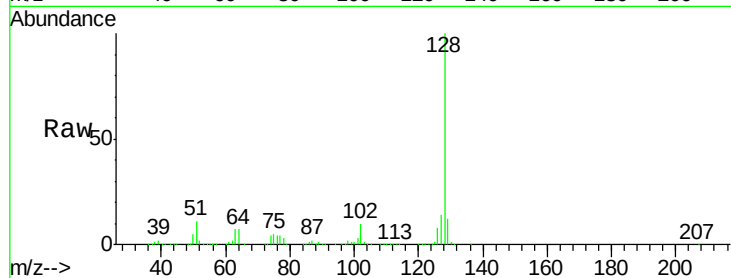
ClientSampleId :

SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.1	11.3	16.9

Manual Integrations
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#32

Benzoic acid

Concen: 39.096 ng m

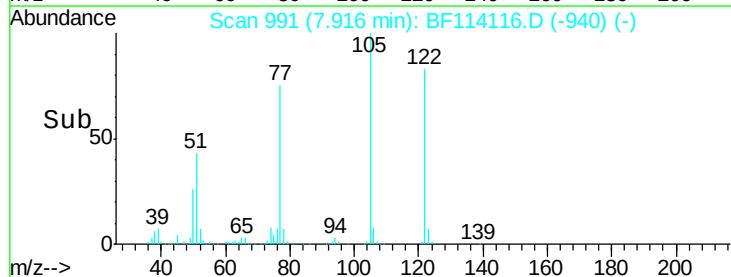
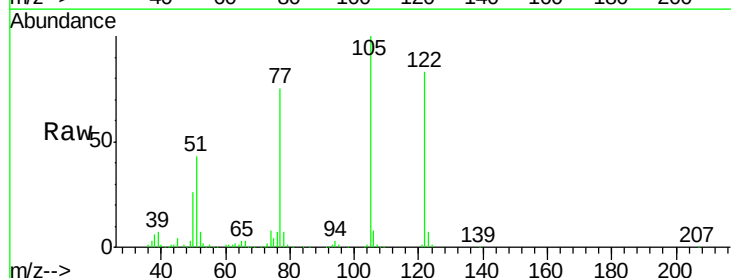
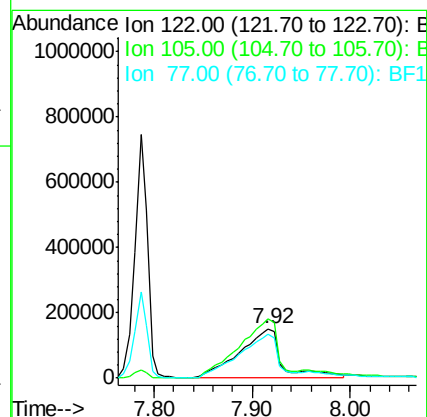
RT: 7.92 min Scan# 991

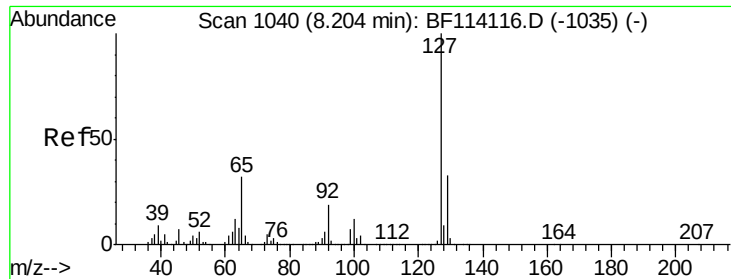
Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	99.9	139.9
77	89.4	69.4	109.4





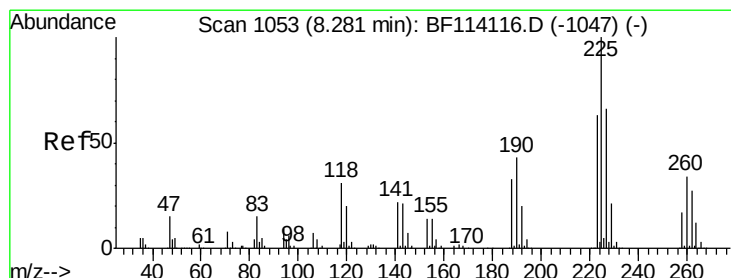
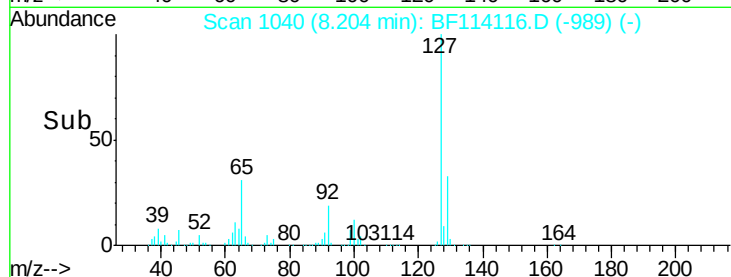
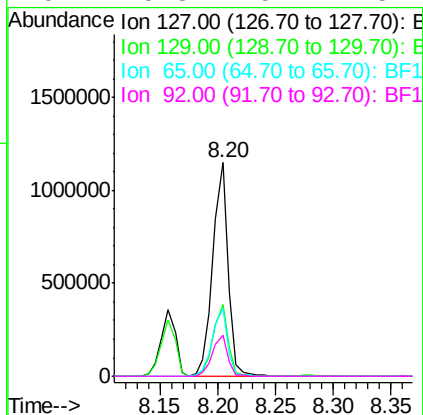
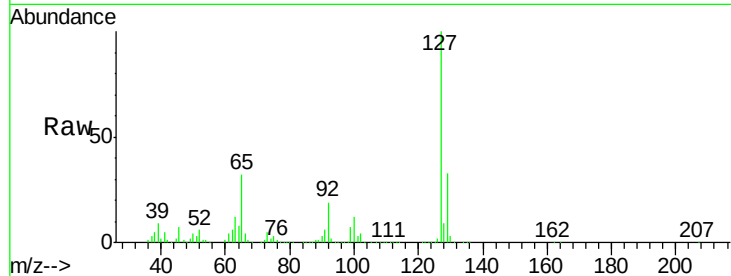
#33
4-Chloroaniline
Concen: 44.559 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.7	40.1
65	31.7	25.4	38.0
92	19.3	15.4	23.2

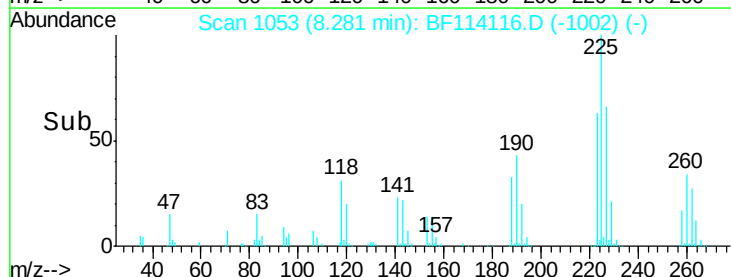
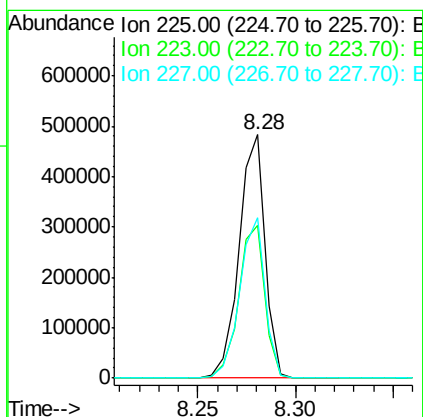
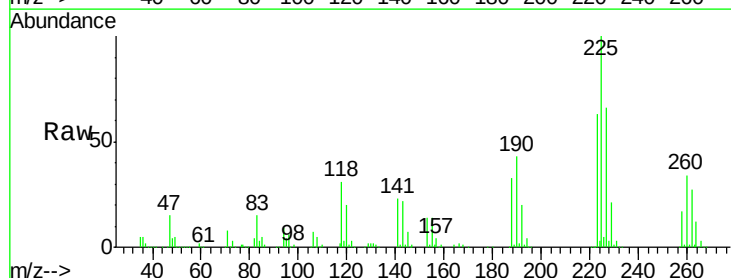
Manual Integrations
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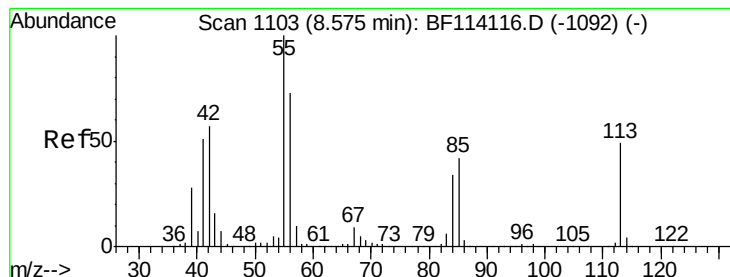
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#34
Hexachlorobutadiene
Concen: 34.356 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	65.8	52.6	79.0





#35

Caprolactam

Concen: 41.666 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tgt Ion:113 Resp: 228770

Ion Ratio Lower Upper

113 100

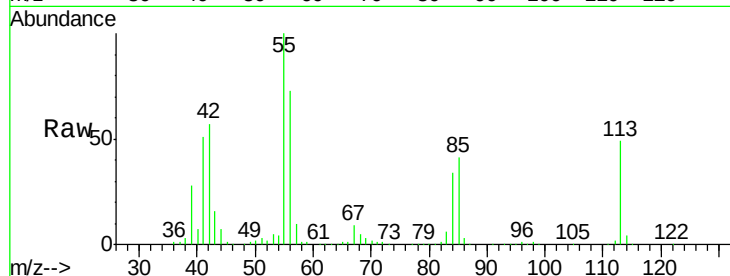
55 203.5 183.5 223.5

56 148.8 128.8 168.8

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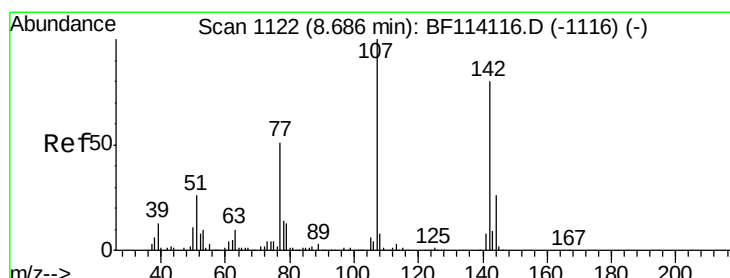
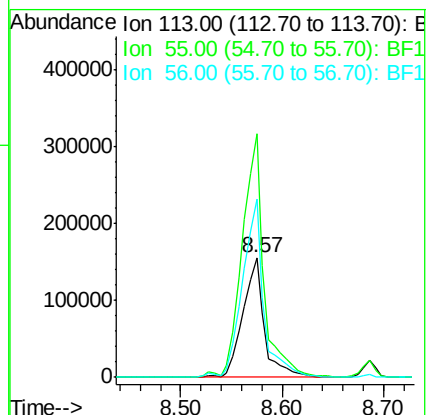
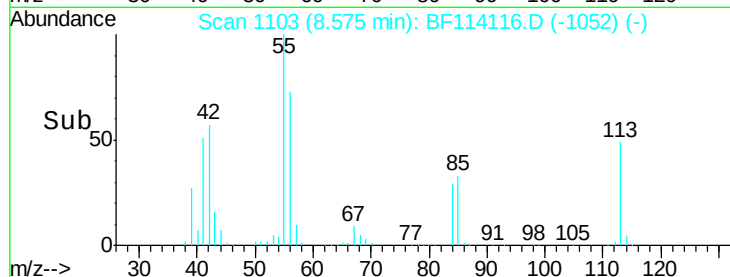
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.185 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

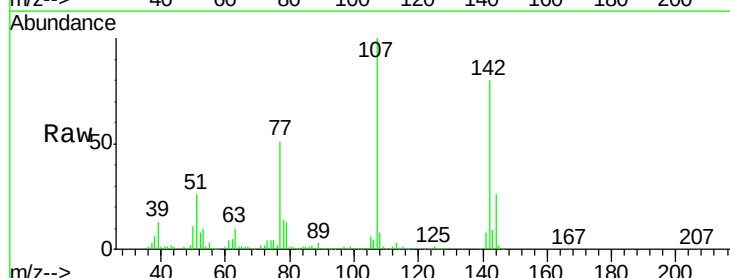
Tgt Ion:107 Resp: 698091

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

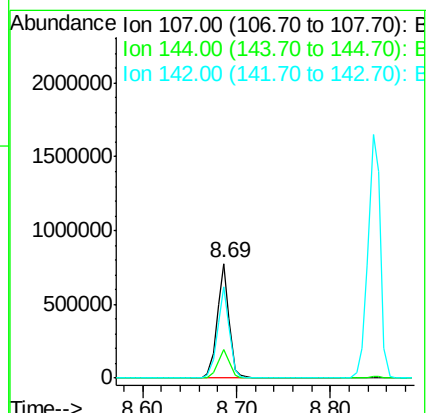
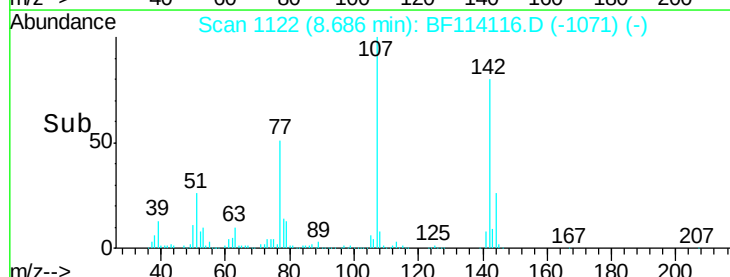
142 80.3 64.2 96.4

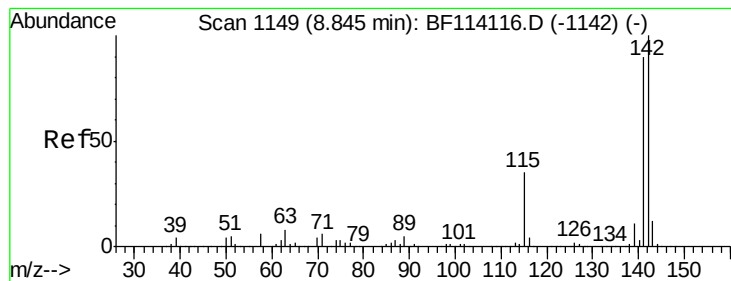


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





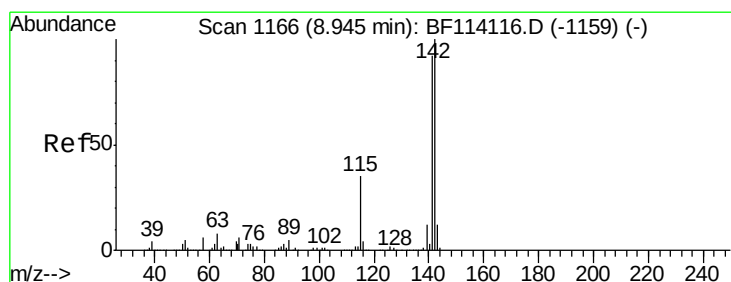
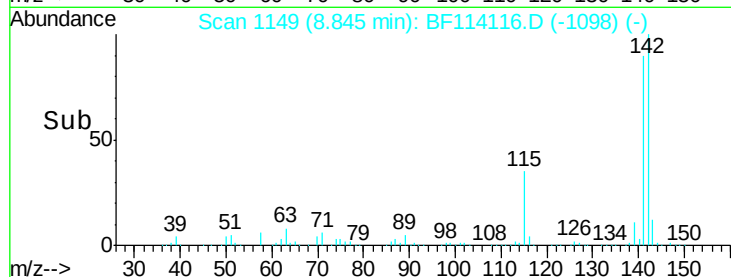
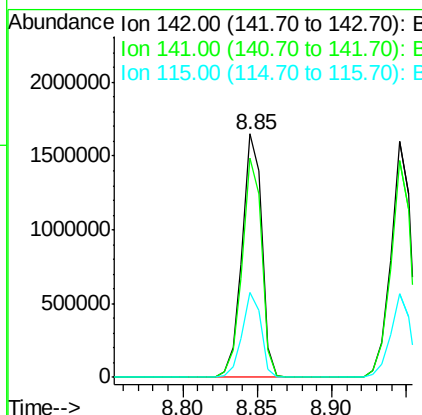
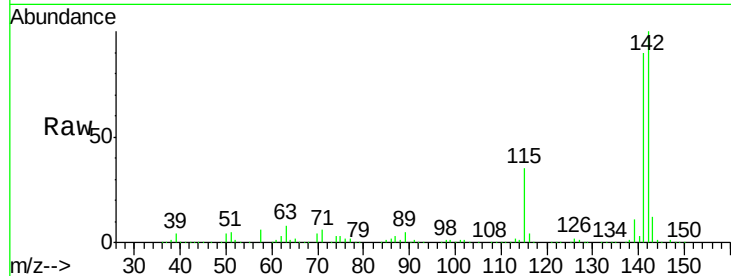
#37
2-Methylnaphthalene
Concen: 38.937 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
115	35.0	28.0	42.0

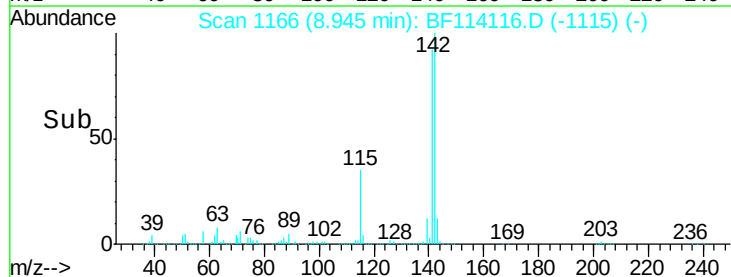
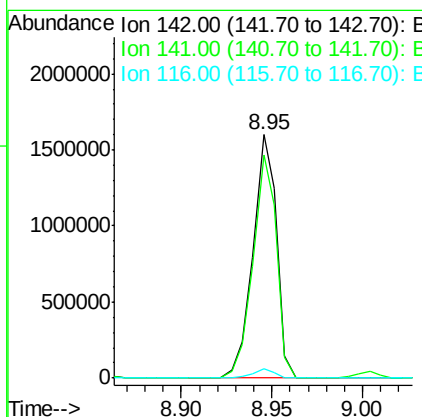
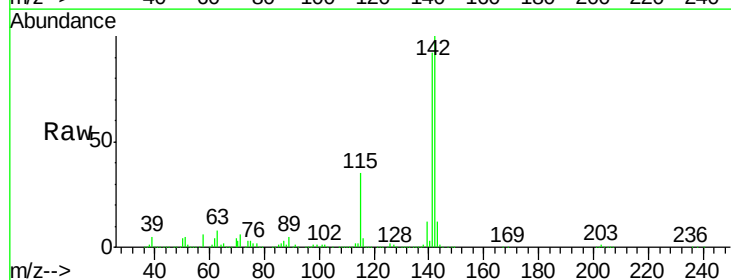
Manual Integrations
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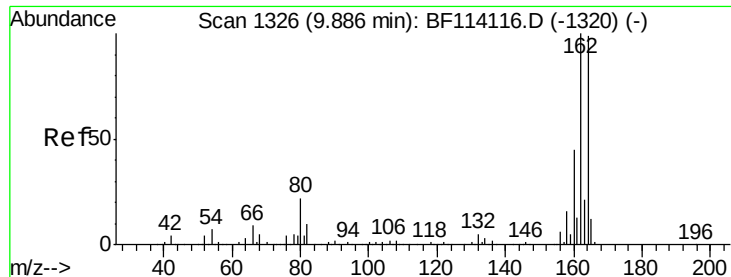
Sohil
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#38
1-Methylnaphthalene
Concen: 38.230 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.9	3.1	4.7





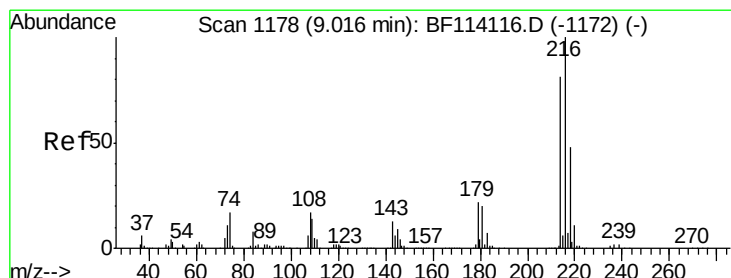
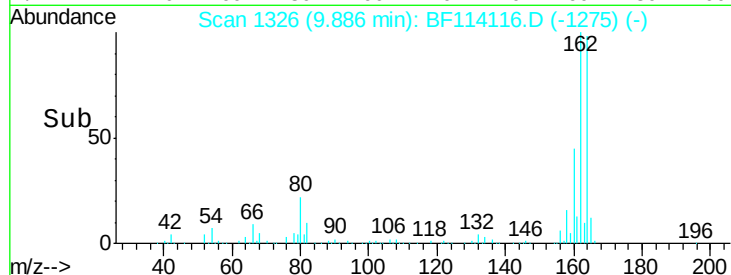
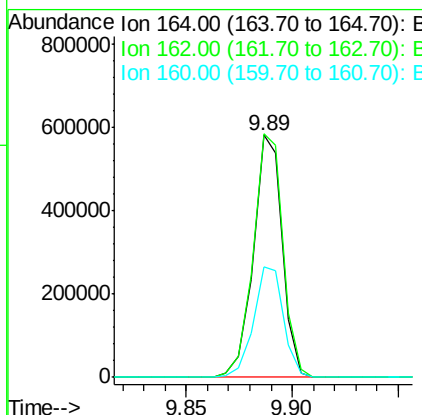
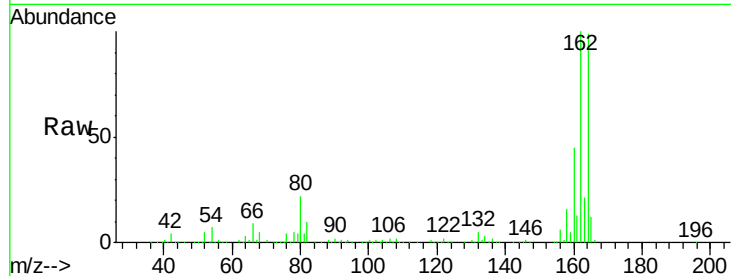
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	80.6	120.8	
160	45.6	36.5	54.7	

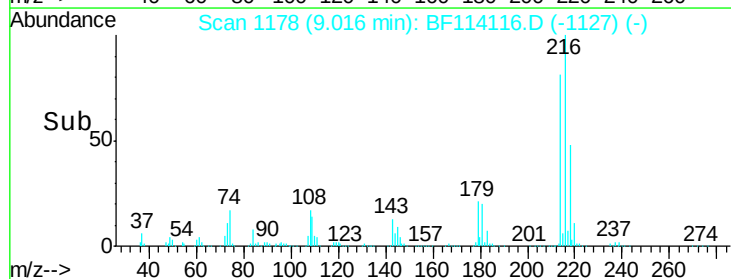
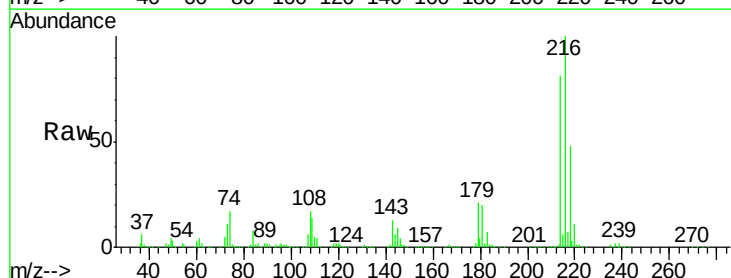
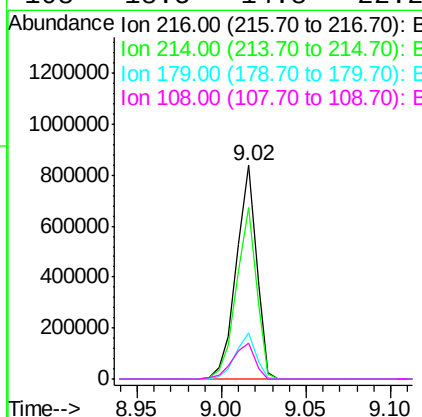
Manual Integrations
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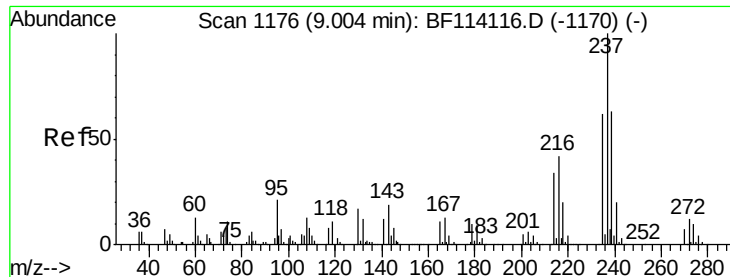
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.561 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.9	95.9	
179	21.3	17.0	25.6	
108	18.5	14.8	22.2	





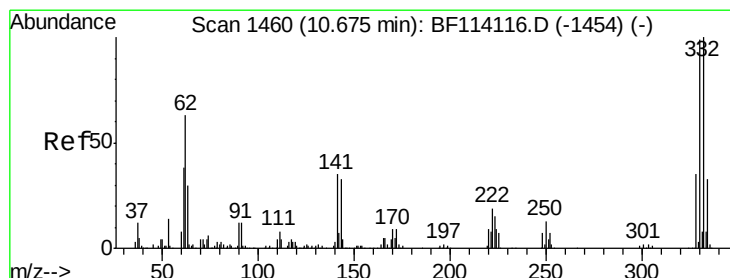
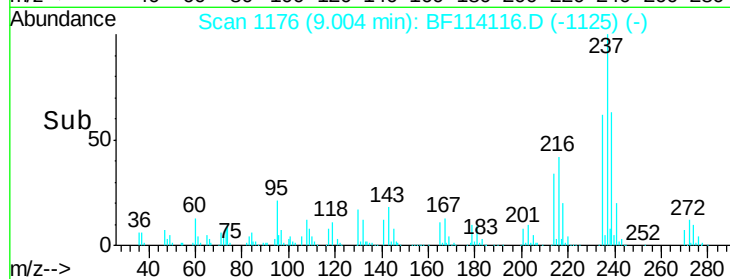
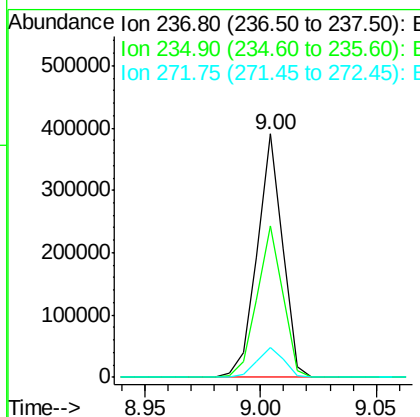
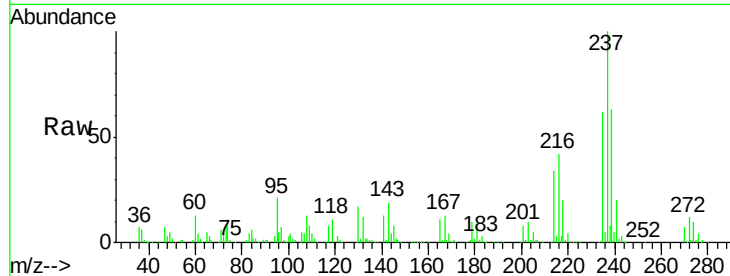
#41
Hexachlorocyclopentadiene
Concen: 42.375 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.0	42.0	82.0
272	12.4	0.0	32.4

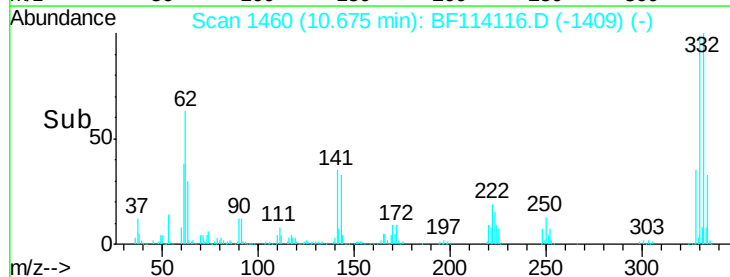
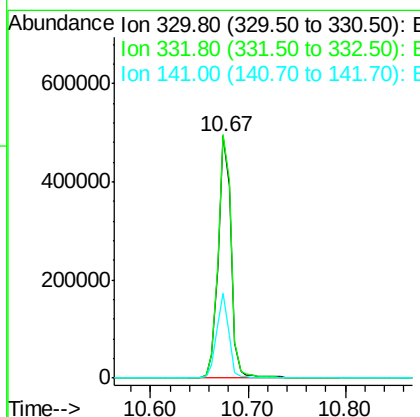
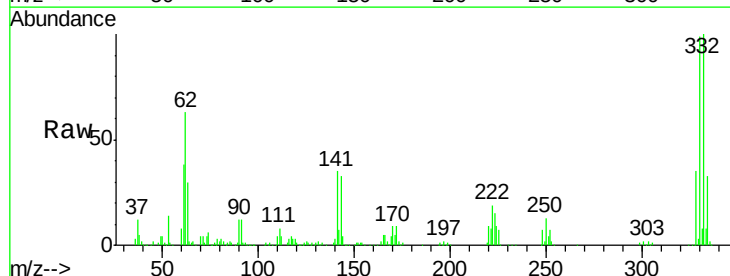
Manual Integrations
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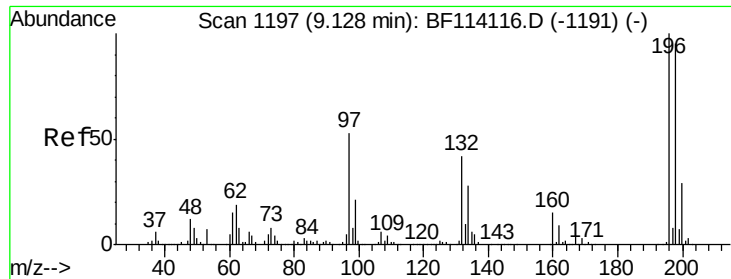
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#42
2,4,6-Tribromophenol
Concen: 65.415 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	101.8	81.4	122.2
141	33.3	26.6	40.0





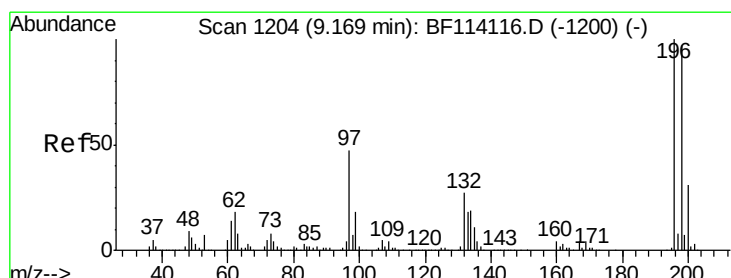
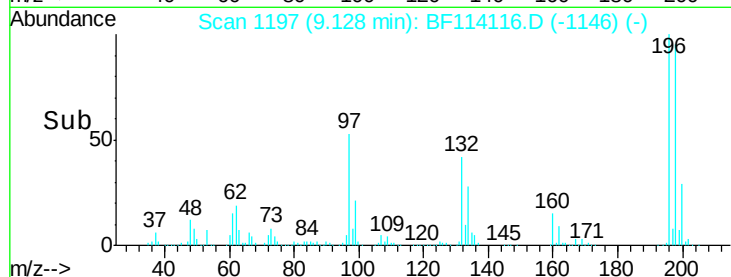
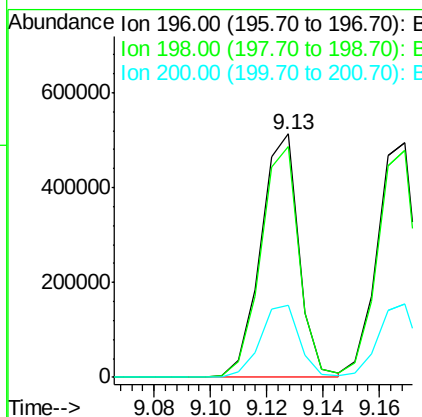
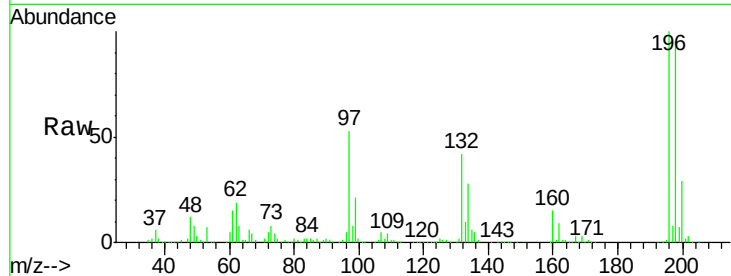
#43
 2,4,6-Trichlorophenol
 Concen: 43.375 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	480964		
198	94.9	75.9	113.9	
200	29.4	23.5	35.3	

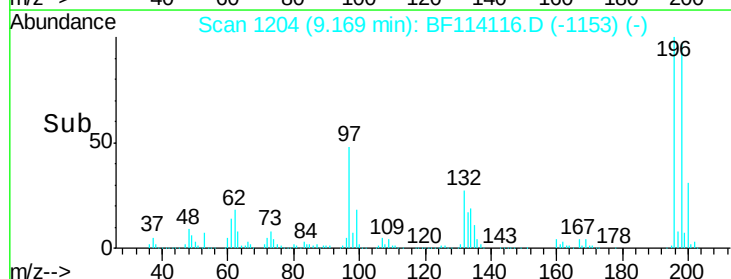
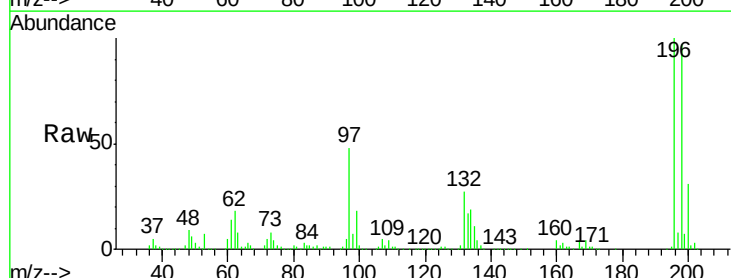
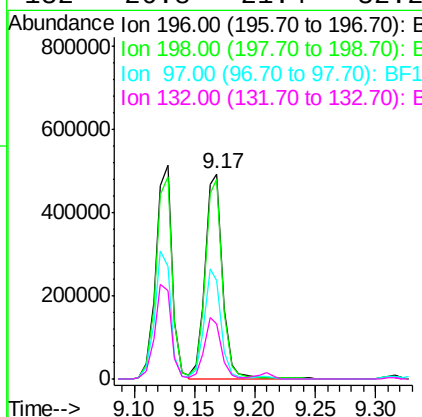
Manual Integrations
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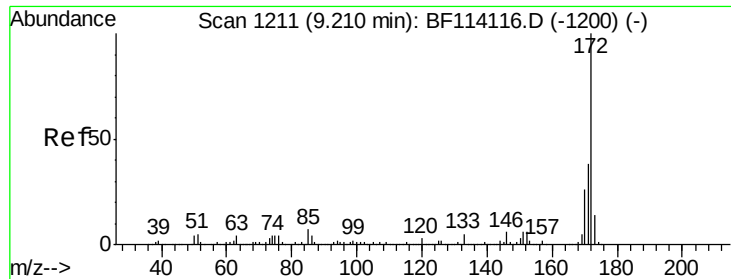
Sohil
 5/13/2019 8:34:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.450 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	493420		
198	97.1	77.7	116.5	
97	47.7	38.2	57.2	
132	26.8	21.4	32.2	





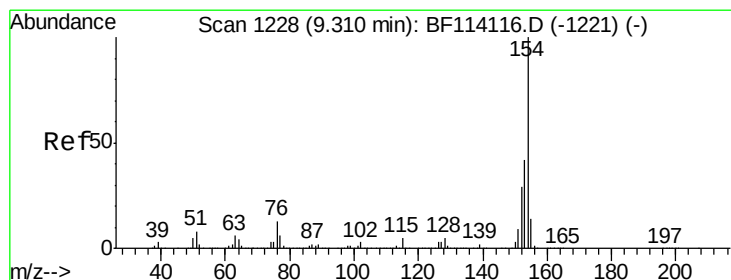
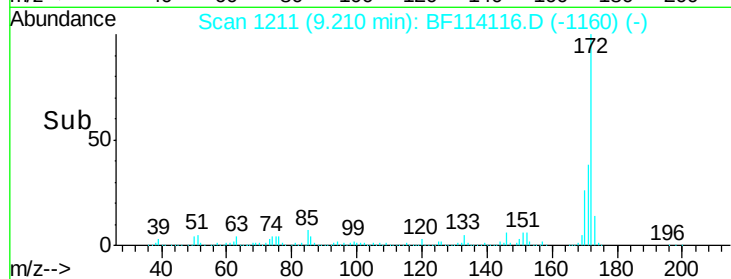
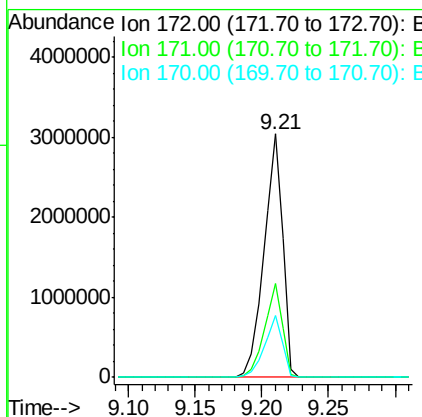
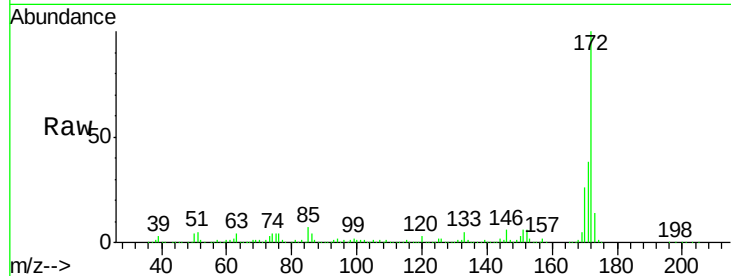
#45
2-Fluorobiphenyl
Concen: 83.805 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.7	46.1
170	25.6	20.5	30.7

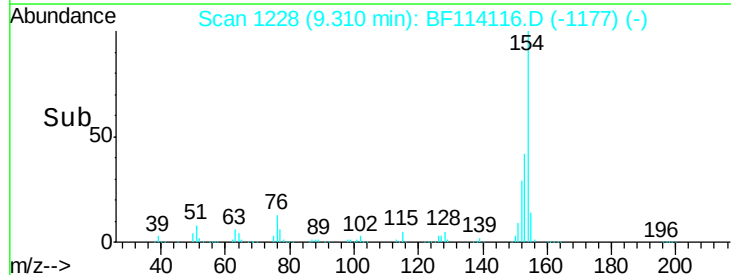
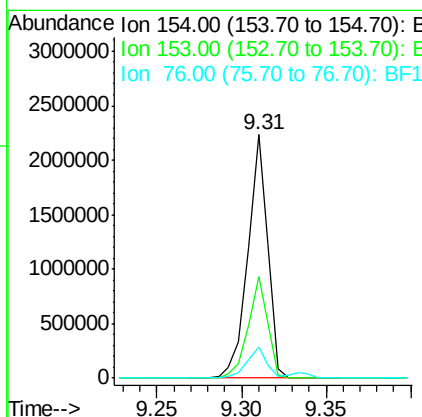
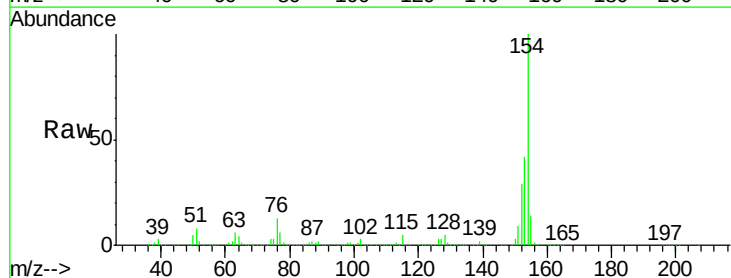
Manual Integrations
APPROVED

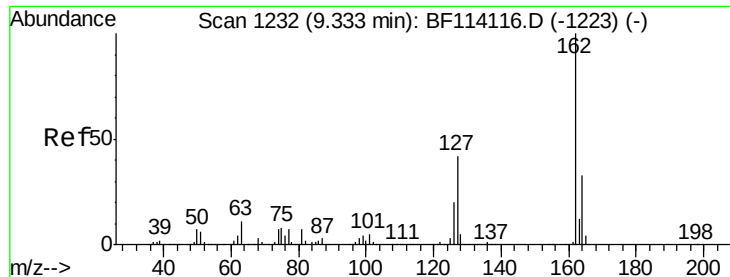
Sohil
5/13/2019 8:34:12 PM



#46
1,1'-Biphenyl
Concen: 44.602 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	12.8	0.0	32.8





#47

2-Chloronaphthalene

Concen: 44.346 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 162 Resp: 1487638

Ion Ratio Lower Upper

162 100

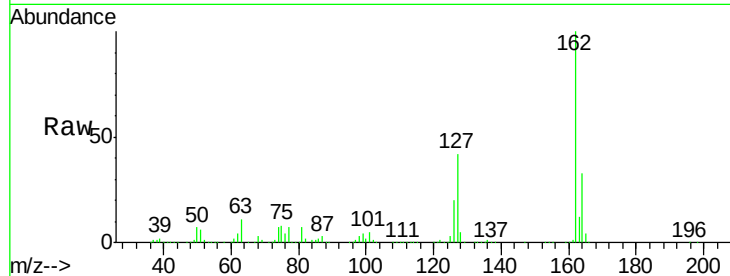
127 42.5 34.0 51.0

164 33.4 26.7 40.1

Manual Integrations
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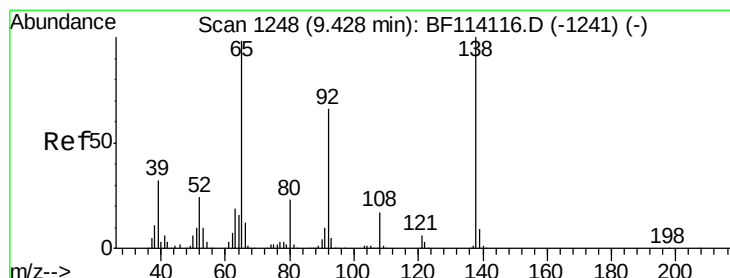
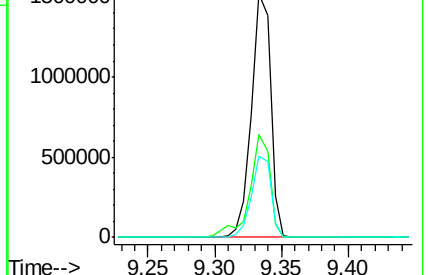
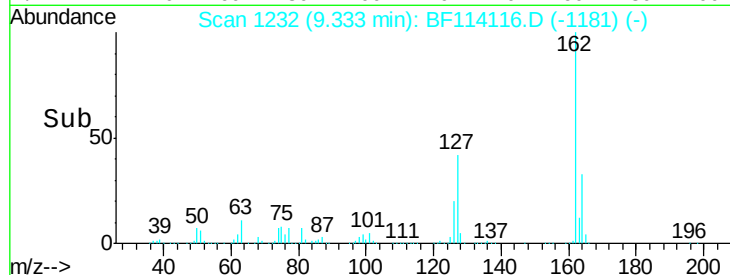
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 56.203 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

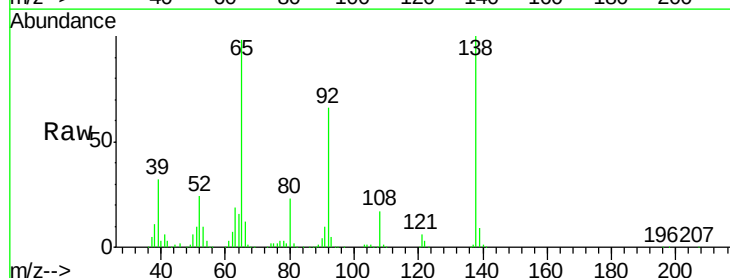
Tgt Ion: 65 Resp: 523818

Ion Ratio Lower Upper

65 100

92 67.4 53.9 80.9

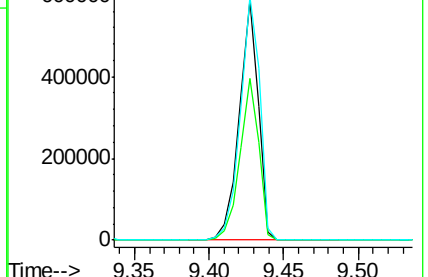
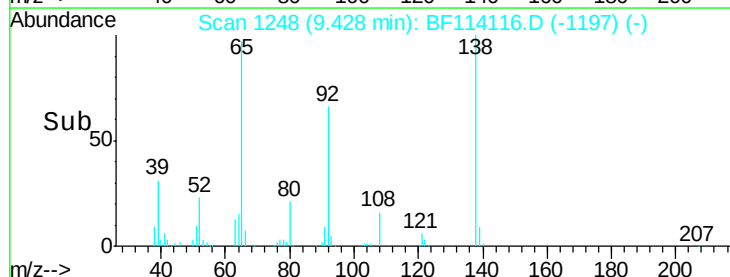
138 101.7 81.4 122.0

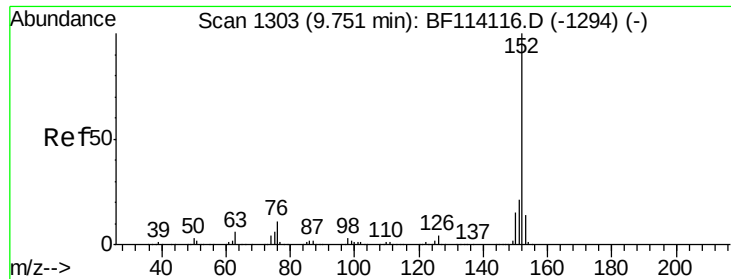


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.891 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

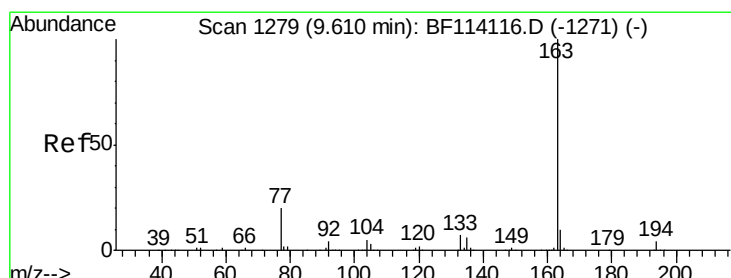
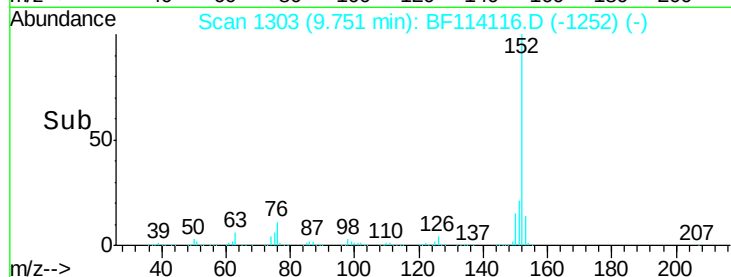
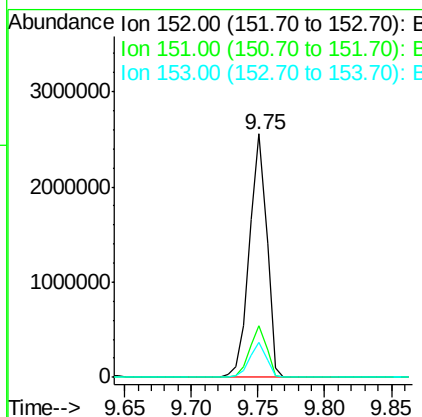
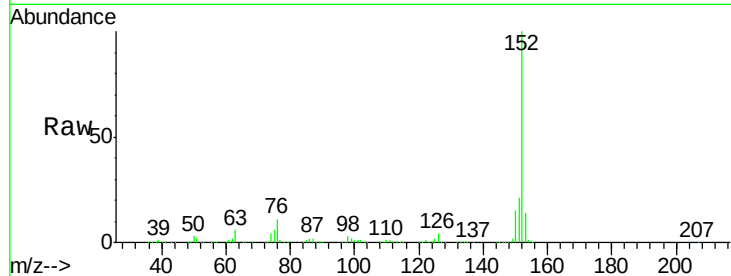
ClientSampleId :

SSTDICCC040

Tgt Ion:	152	Resp:	2268641
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	14.3	11.4	17.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.423 ng

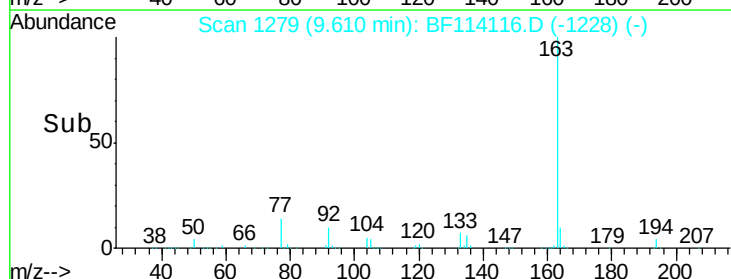
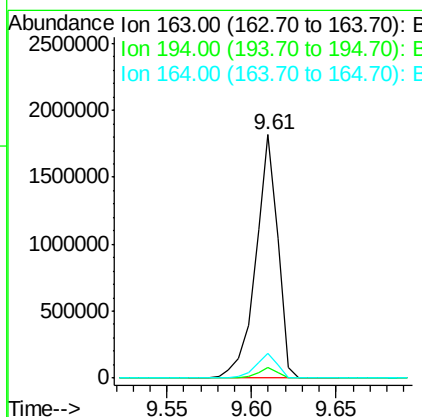
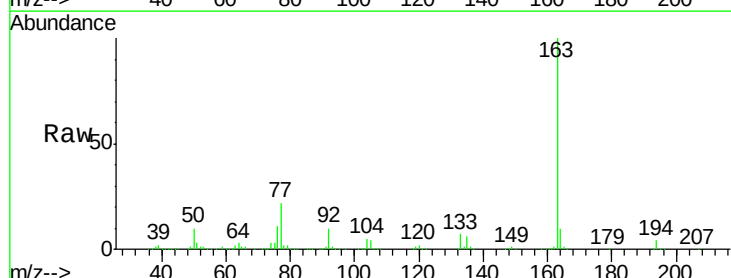
RT: 9.61 min Scan# 1279

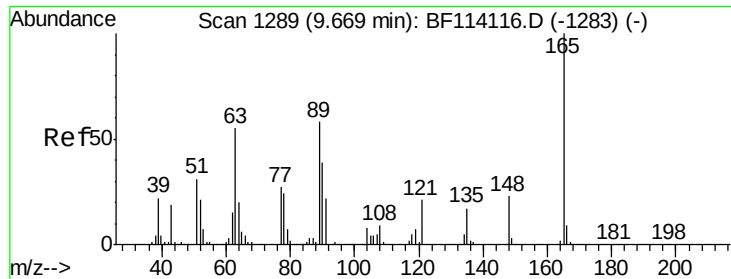
Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion:	163	Resp:	1653581
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.2





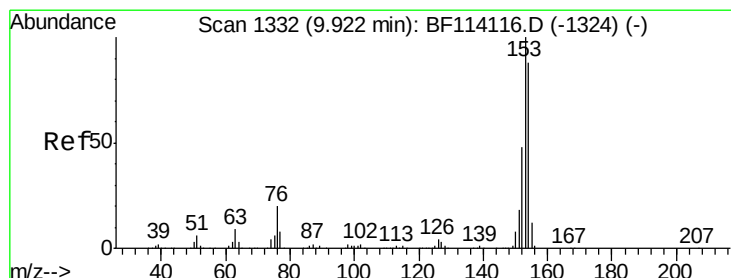
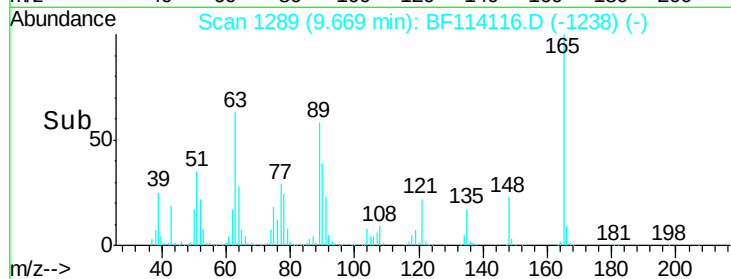
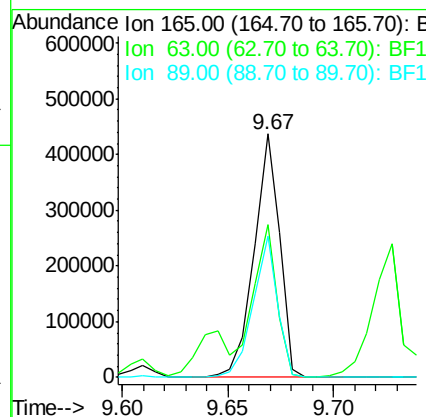
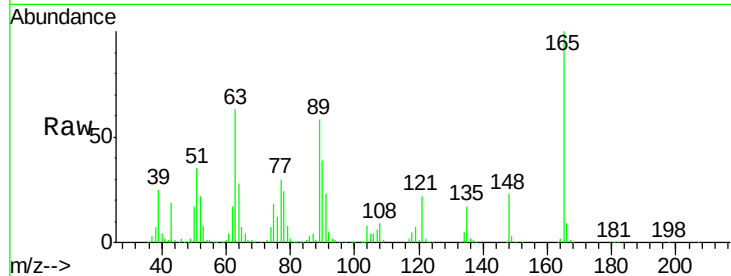
#51
 2,6-Dinitrotoluene
 Concen: 40.743 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	368612		
63	62.8	50.2	75.4	
89	58.2	46.6	69.8	

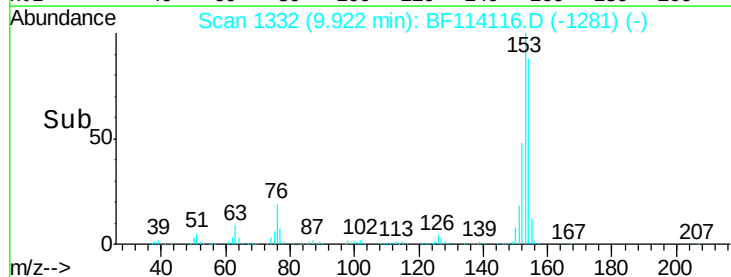
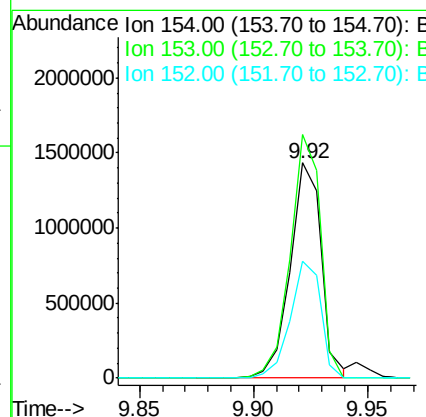
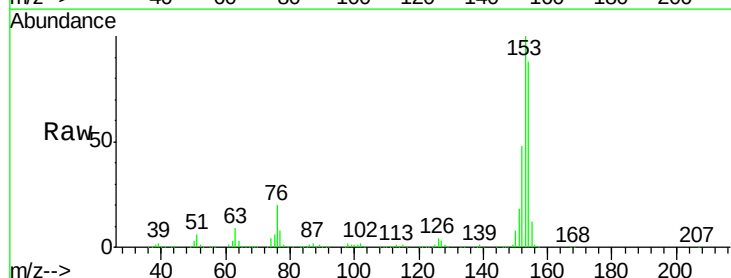
Manual Integrations
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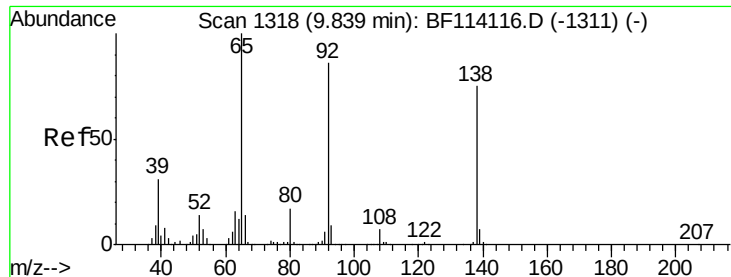
Sohil
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#52
 Acenaphthene
 Concen: 44.596 ng m
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1367956		
153	113.1	90.5	135.7	
152	54.3	43.4	65.2	





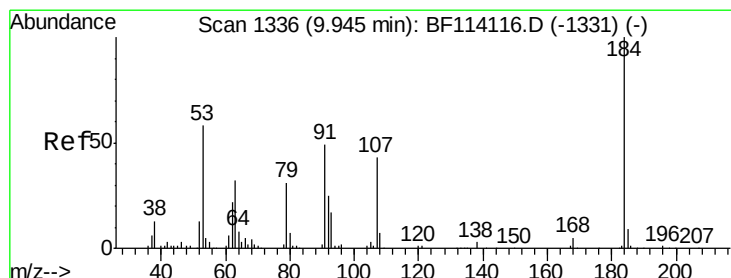
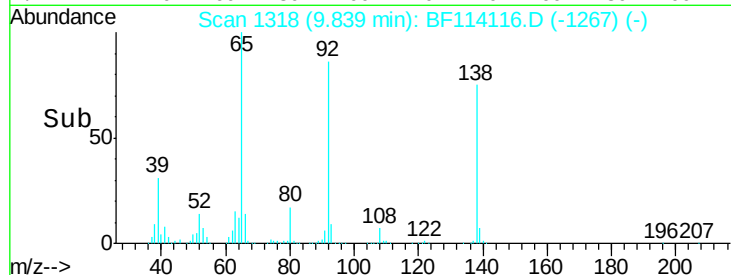
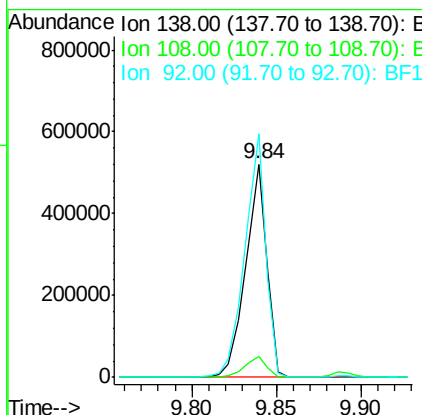
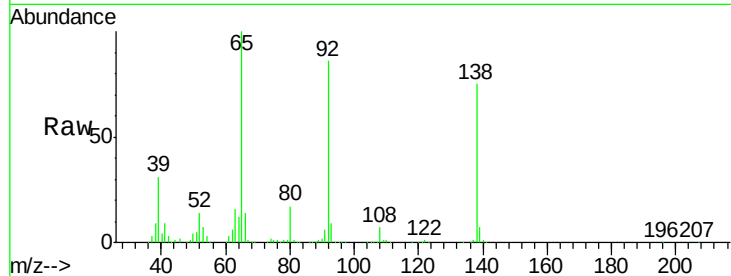
#53
 3-Nitroaniline
 Concen: 48.554 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	460106		
108	9.7	7.8	11.6	
92	114.0	91.2	136.8	

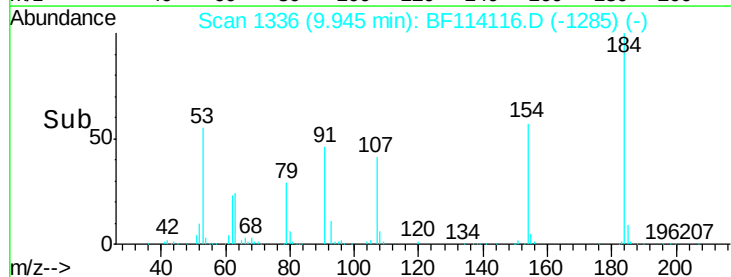
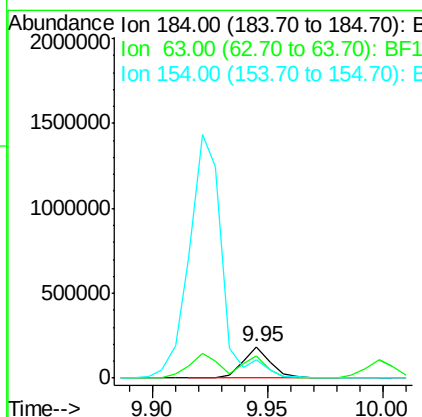
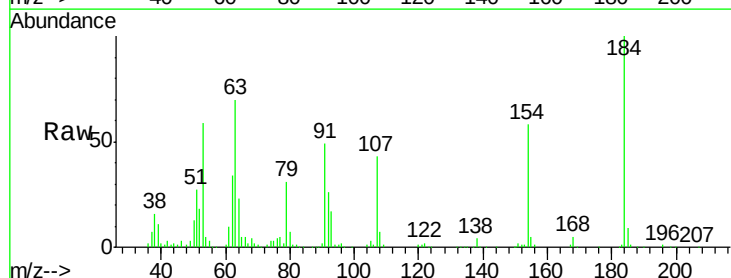
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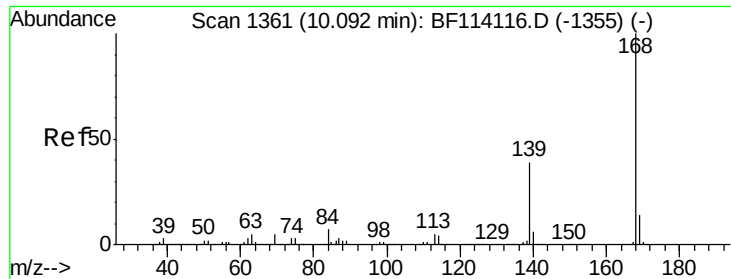
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 37.776 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	154152		
63	69.5	55.6	83.4	
154	57.5	46.0	69.0	





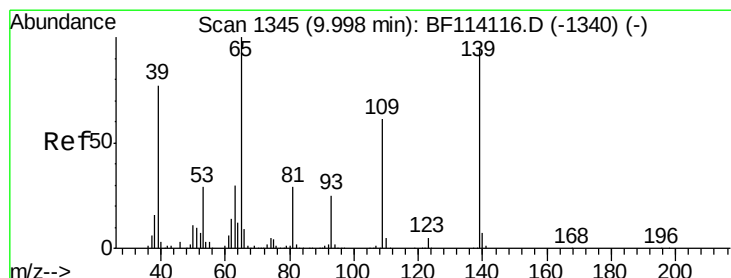
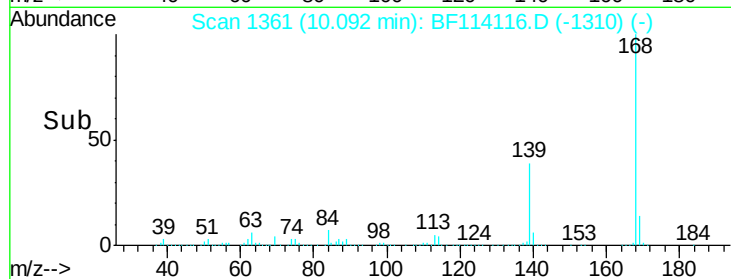
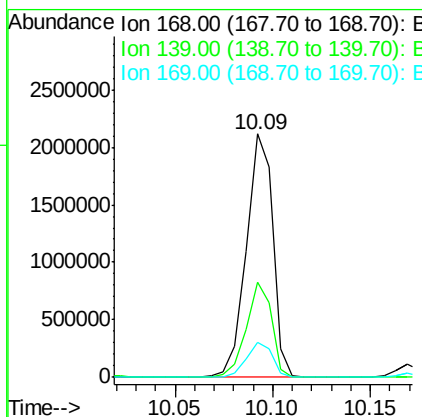
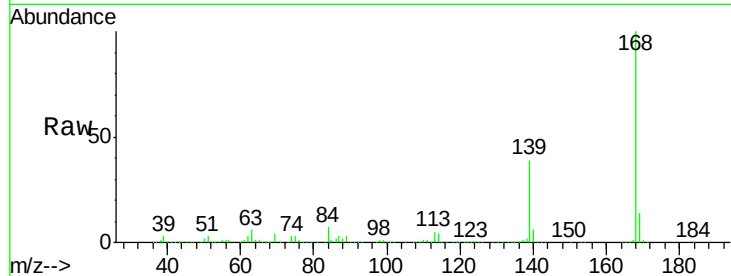
#55
Dibenzenofuran
Concen: 41.257 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	14.2	11.4	17.0

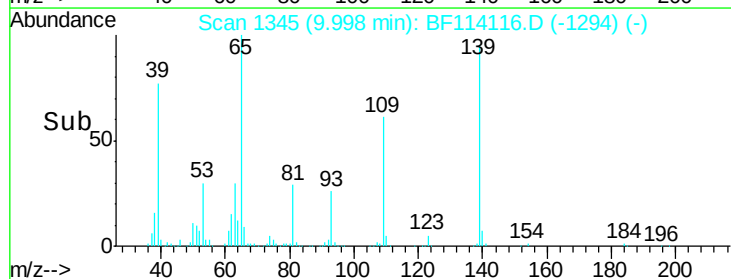
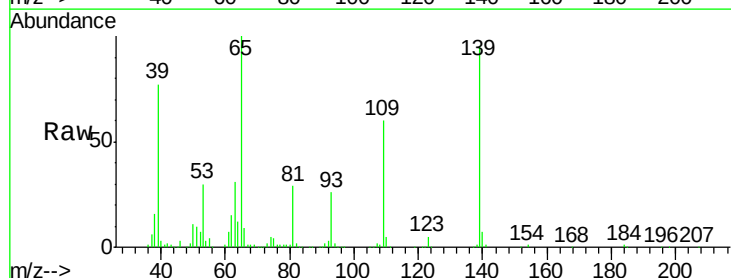
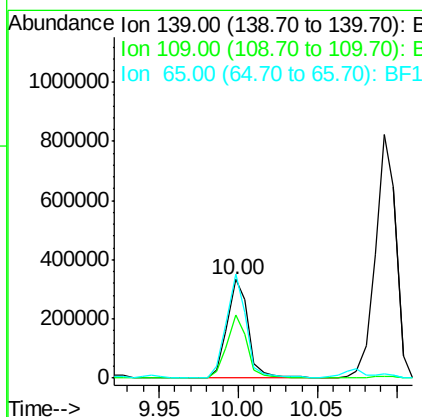
Manual Integrations
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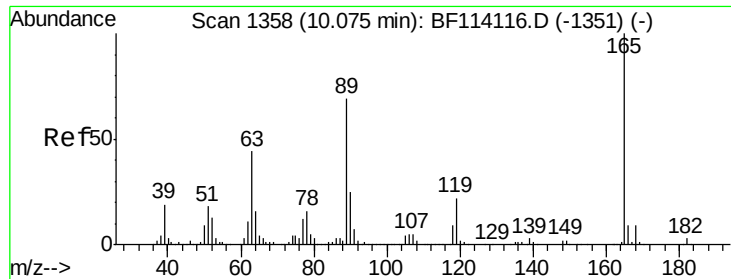
Sohil
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#56
4-Nitrophenol
Concen: 43.598 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.9	43.9	83.9
65	105.7	85.7	125.7





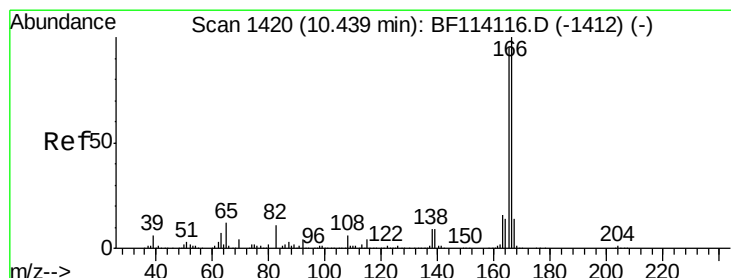
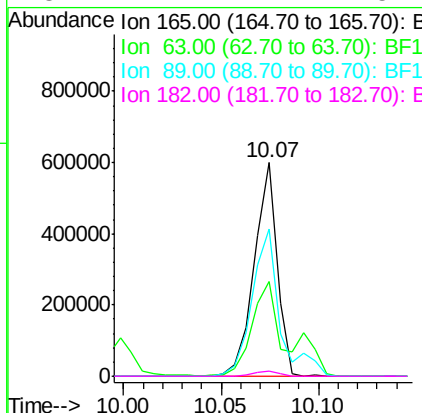
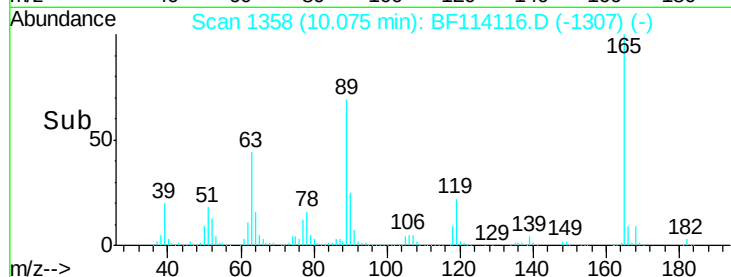
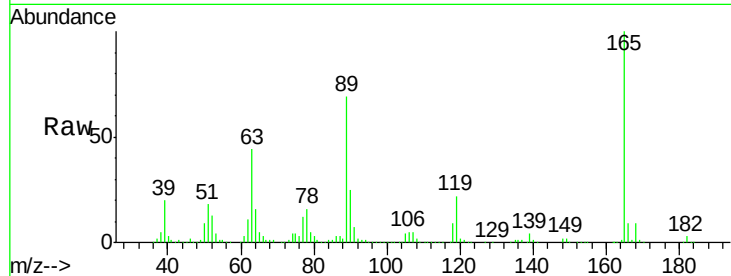
#57
2,4-Dinitrotoluene
Concen: 40.047 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	491192		
63	44.4	35.5	53.3	
89	69.0	55.2	82.8	
182	2.7	2.2	3.2	

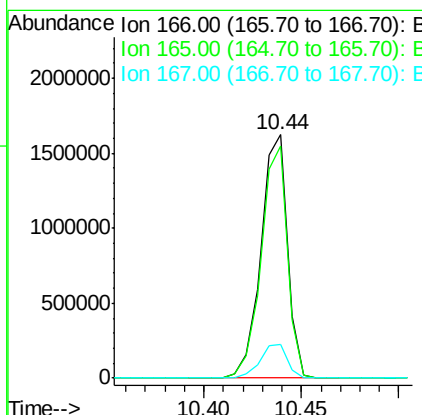
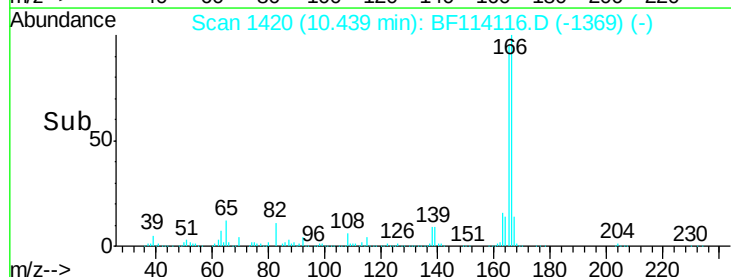
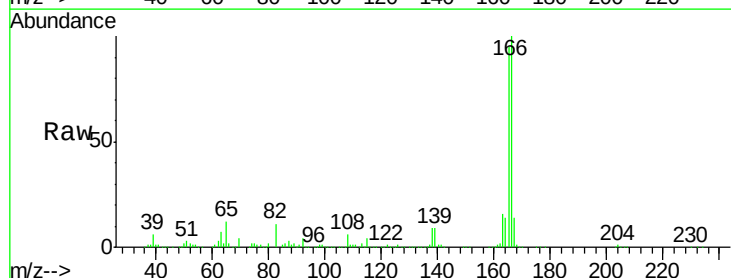
Manual Integrations
APPROVED

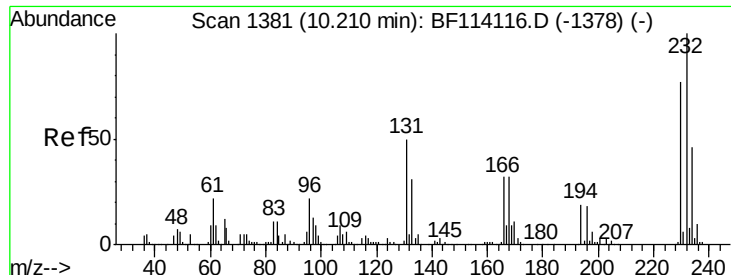
Sohil
5/13/2019 8:34:12 PM



#58
Fluorene
Concen: 41.281 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1525320		
165	95.1	76.1	114.1	
167	13.9	11.1	16.7	





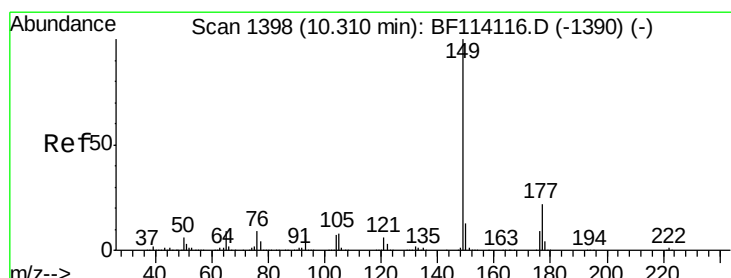
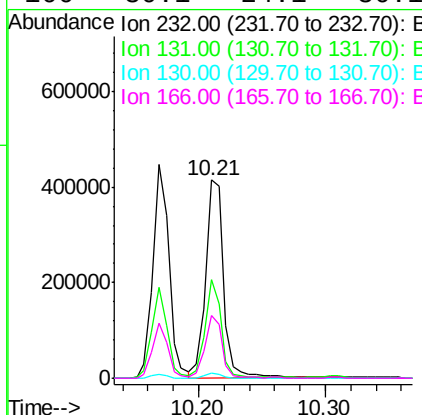
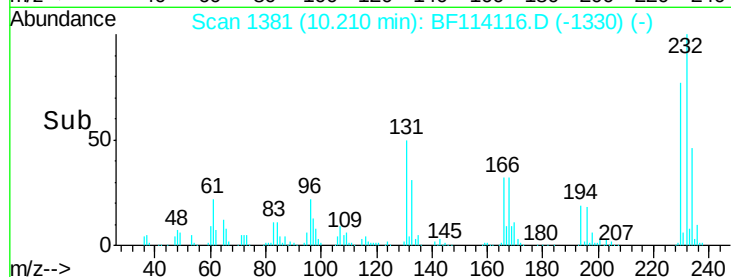
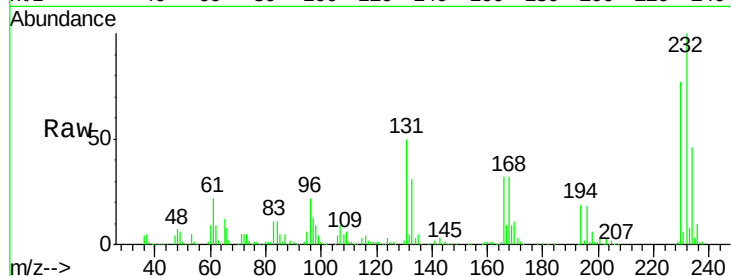
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.049 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	412296		
131	44.5	35.6	53.4	
130	2.0	1.6	2.4	
166	30.1	24.1	36.1	

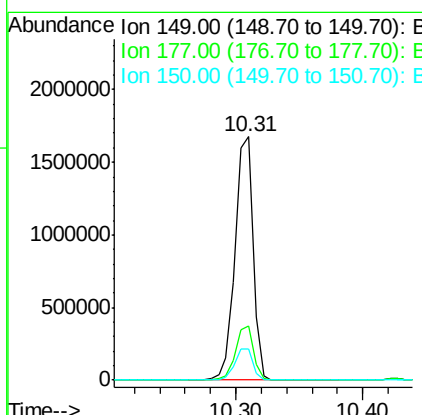
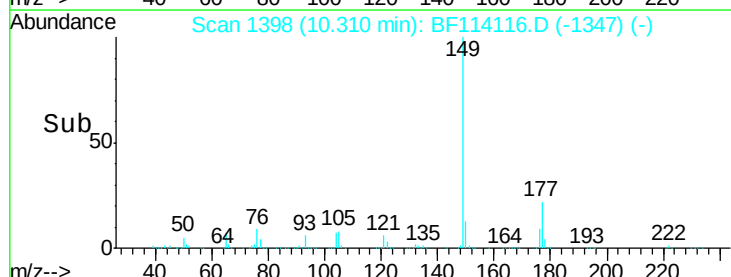
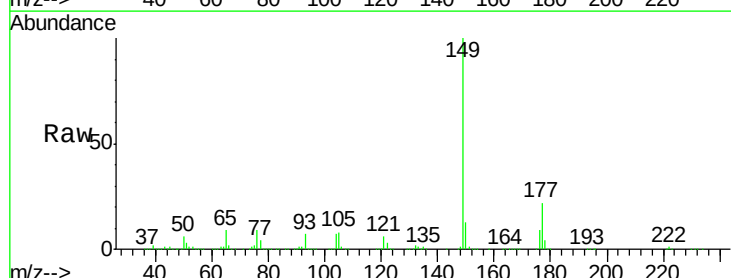
Manual Integrations
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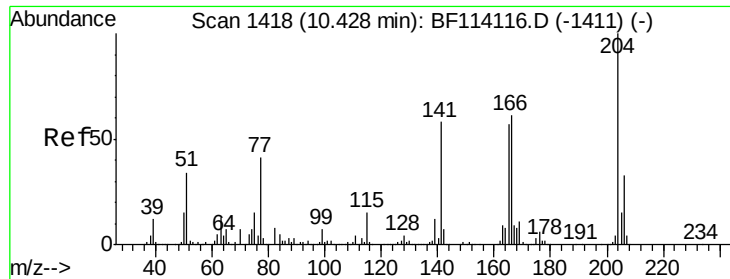
Sohil
5/13/2019 8:34:12 PM



#60
Diethylphthalate
Concen: 41.579 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1629831		
177	22.2	17.8	26.6	
150	12.7	10.2	15.2	





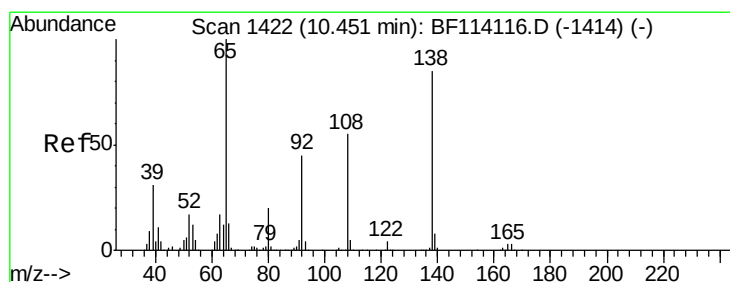
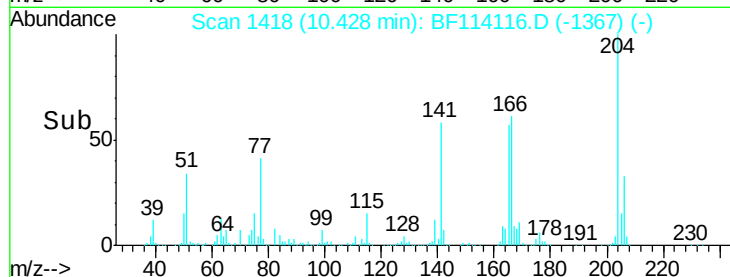
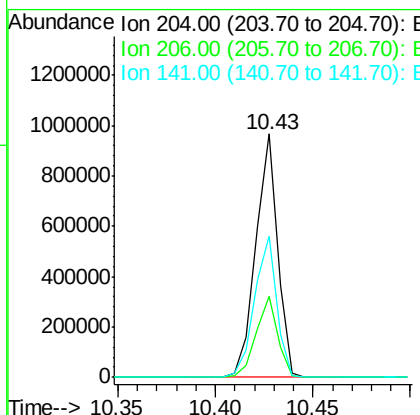
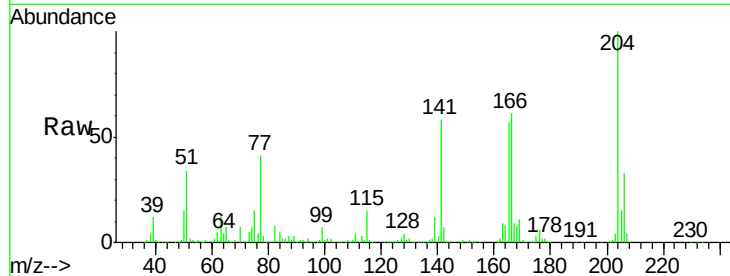
#61
4-Chlorophenyl-phenylether
Concen: 39.261 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	58.0	46.4	69.6

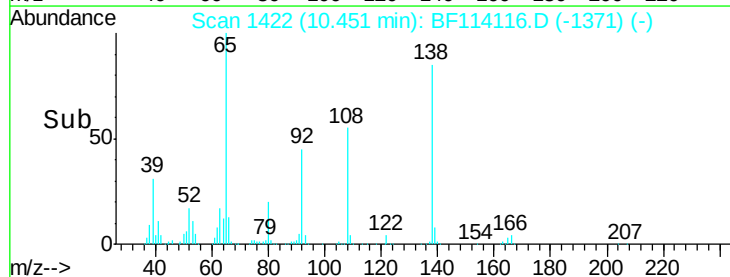
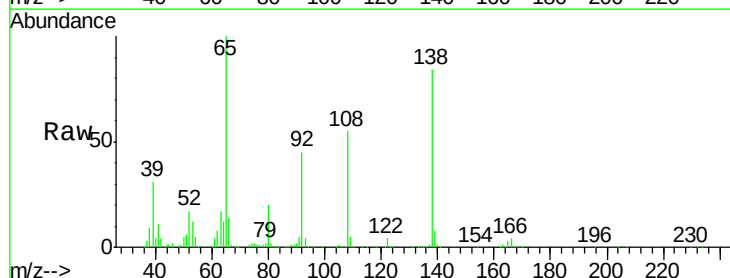
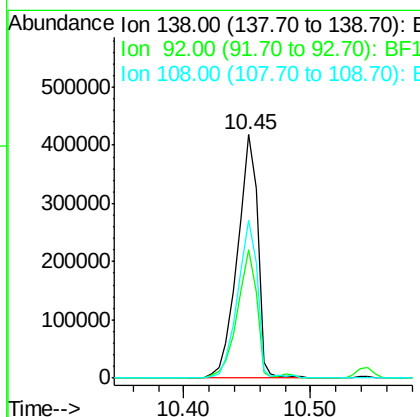
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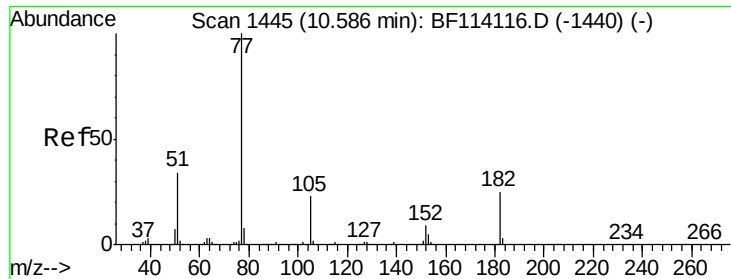
Sohil
5/13/2019 8:34:12 PM



#62
4-Nitroaniline
Concen: 46.874 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	33.0	73.0
108	64.9	44.9	84.9





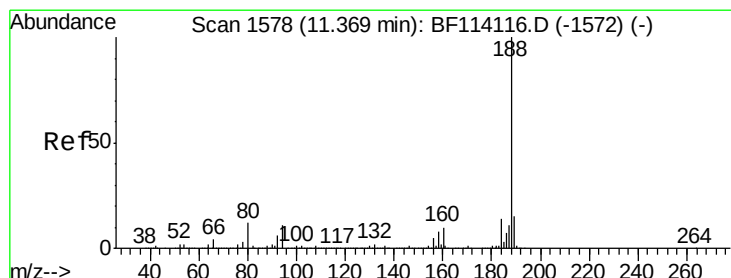
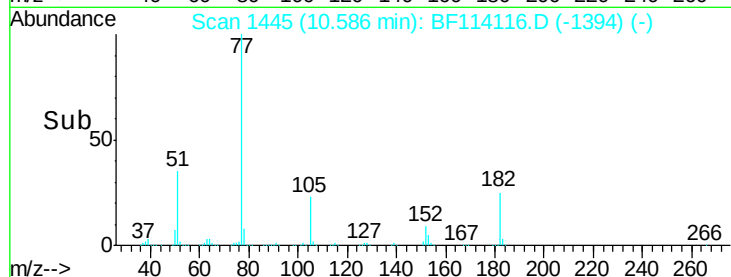
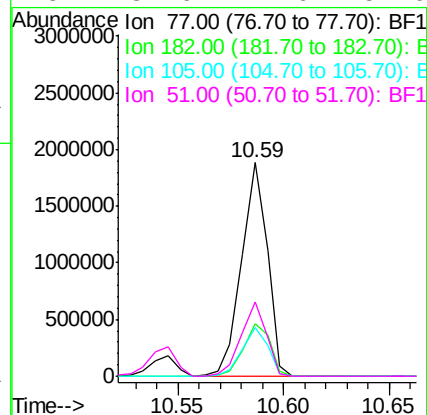
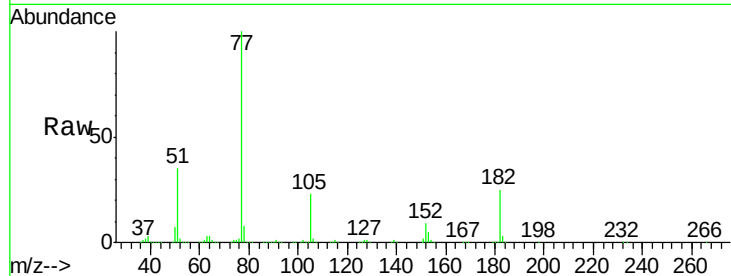
#63
Azobenzene
Concen: 42.273 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.7	44.7
105	22.9	2.9	42.9
51	34.6	14.6	54.6

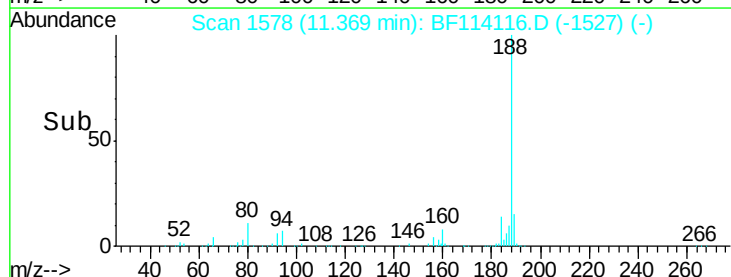
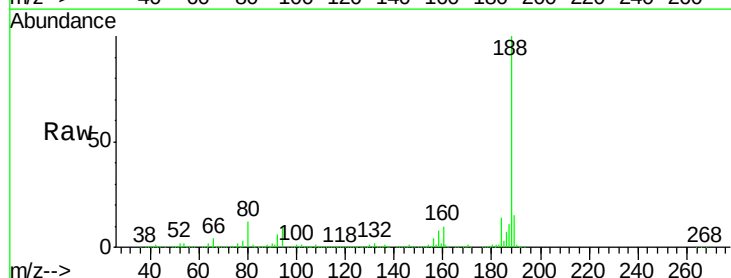
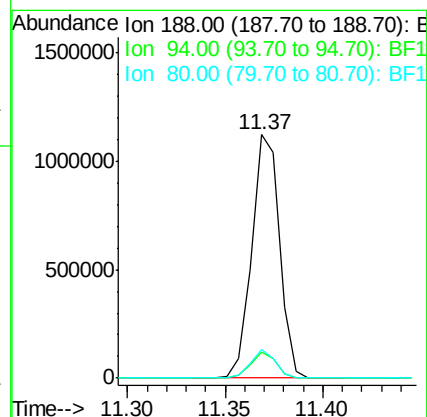
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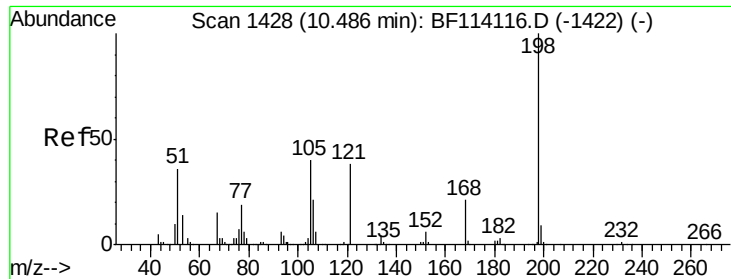
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.5	9.2	13.8





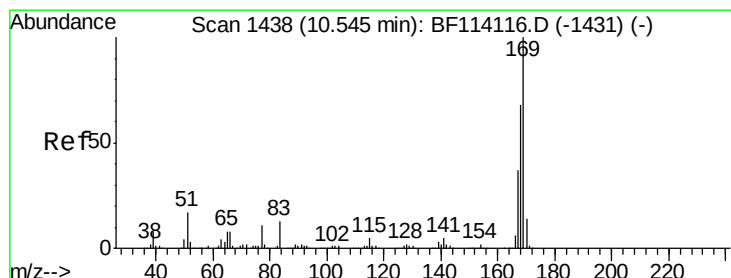
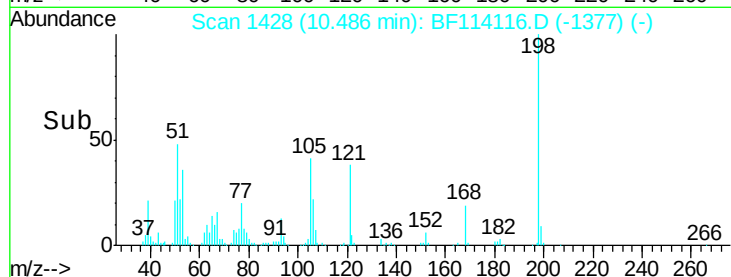
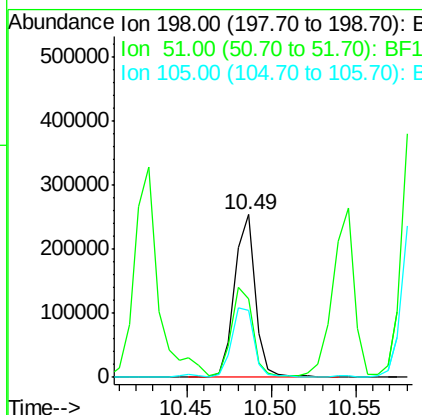
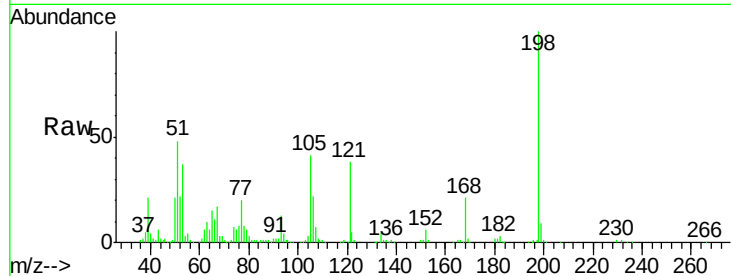
#65
4,6-Dinitro-2-methylphenol
Concen: 34.825 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.0	28.0	68.0
105	41.1	21.1	61.1

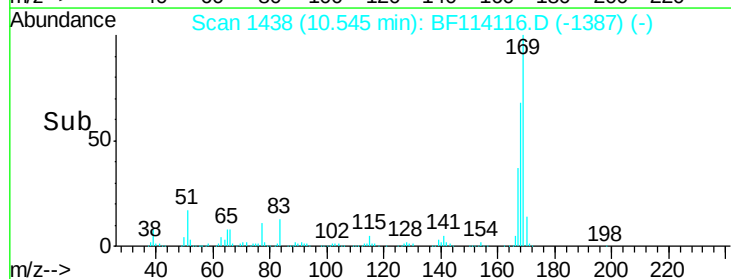
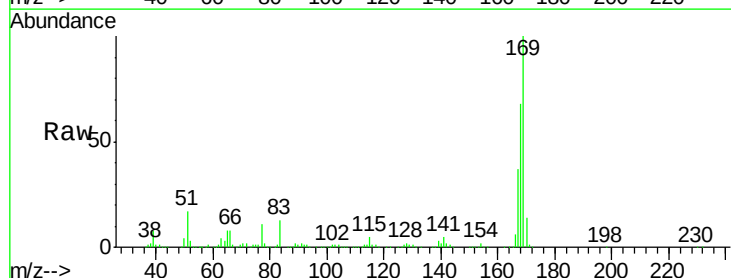
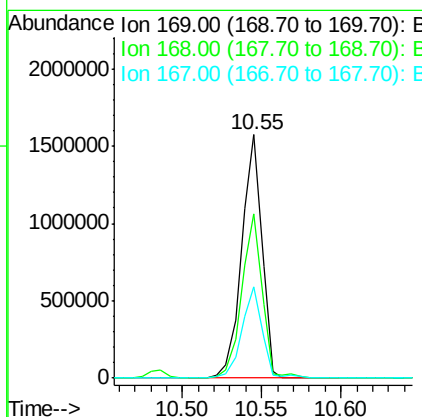
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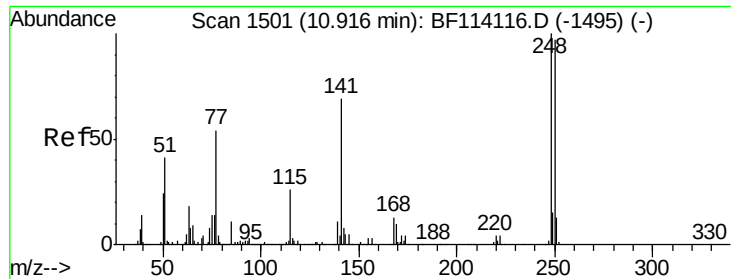
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#66
n-Nitrosodiphenylamine
Concen: 40.284 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.2
167	37.3	29.8	44.8





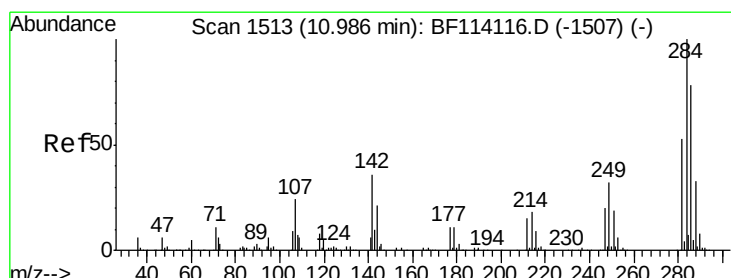
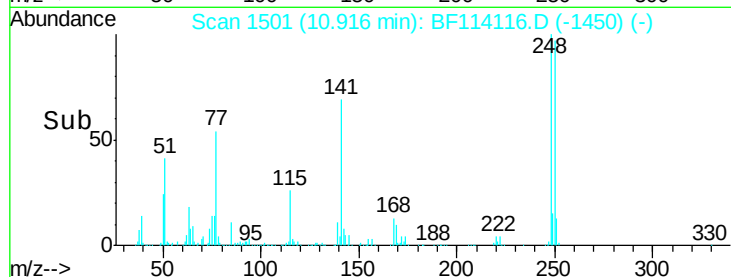
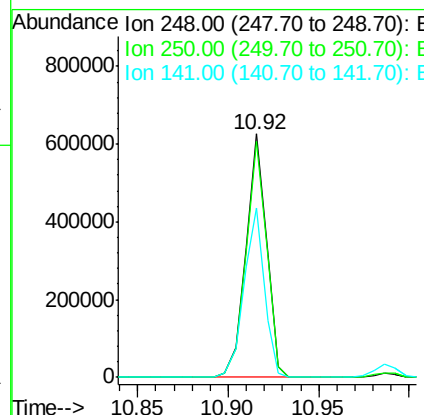
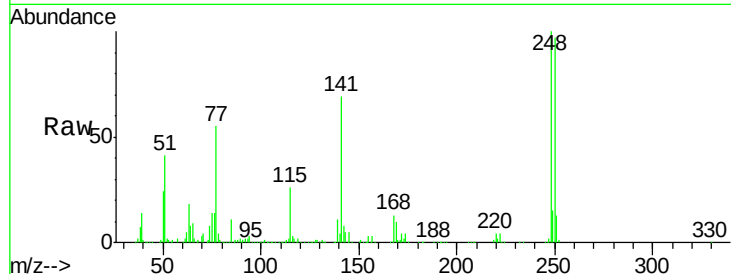
#67
 4-Bromophenyl-phenylether
 Concen: 36.061 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	493322		
250	96.8	77.4	116.2	
141	69.5	55.6	83.4	

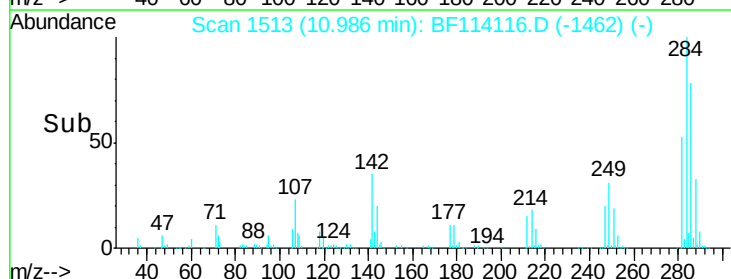
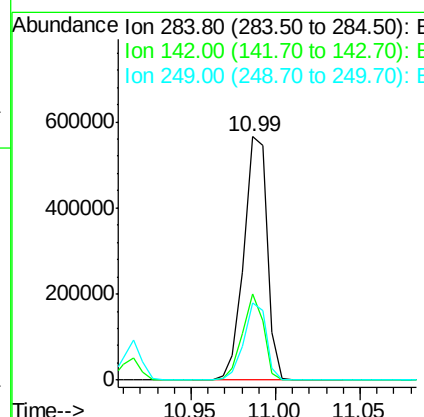
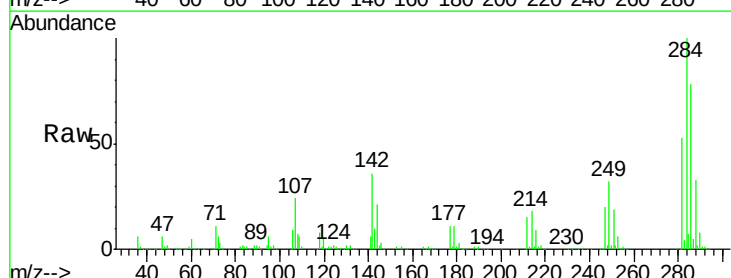
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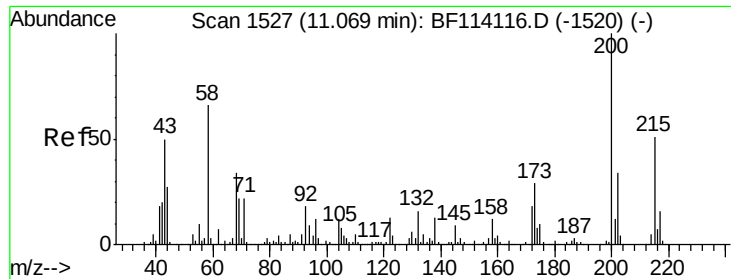
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#68
 Hexachlorobenzene
 Concen: 36.367 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	546190		
142	35.5	28.4	42.6	
249	31.5	25.2	37.8	





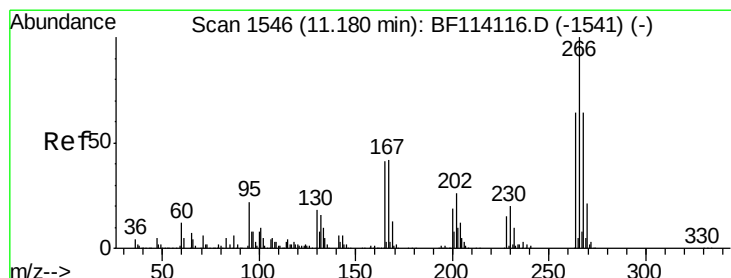
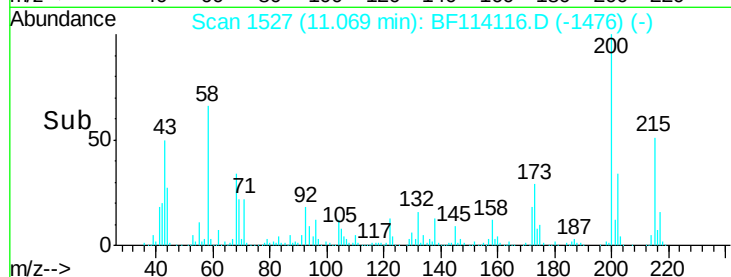
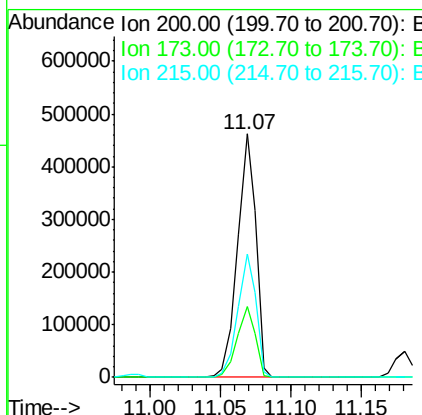
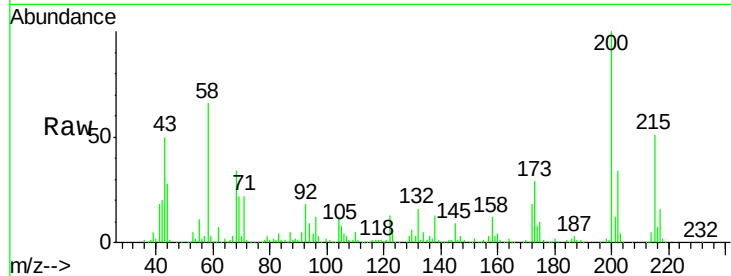
#69
 Atrazine
 Concen: 36.323 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	418934		
173	28.9	8.9	48.9	
215	50.7	30.7	70.7	

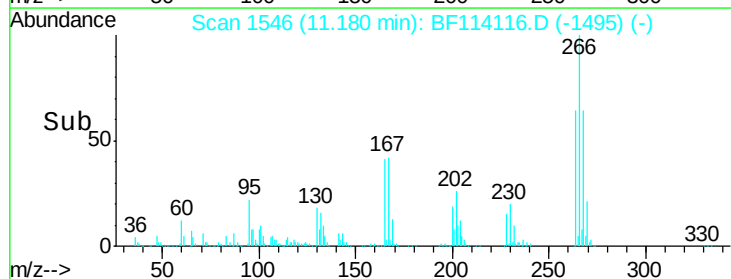
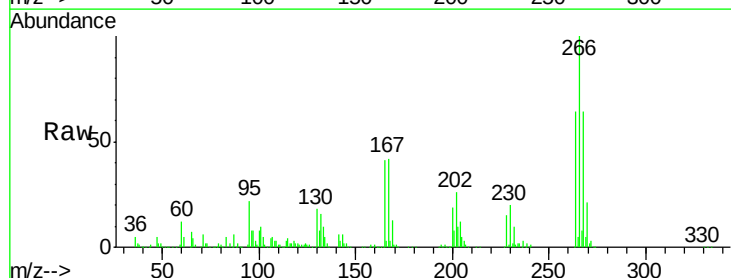
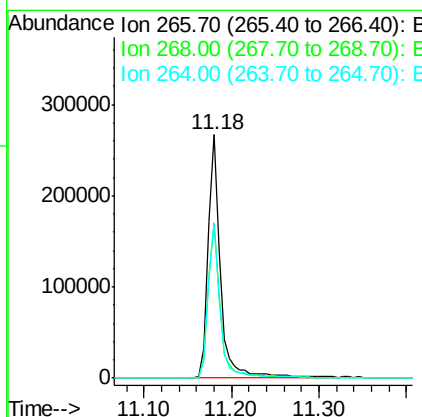
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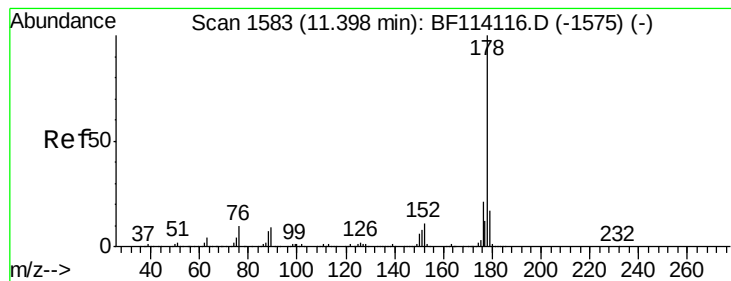
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#70
 Pentachlorophenol
 Concen: 33.382 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	266513		
268	63.9	51.1	76.7	
264	63.9	51.1	76.7	





#71

Phenanthrene

Concen: 39.518 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:178 Resp: 2201833

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

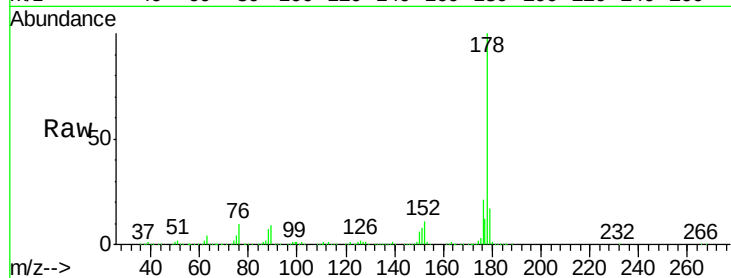
179 16.5 13.2 19.8

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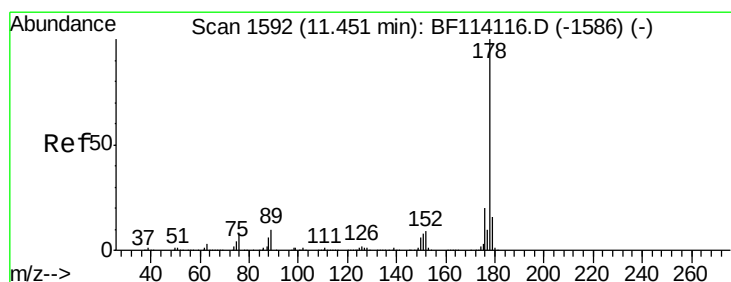
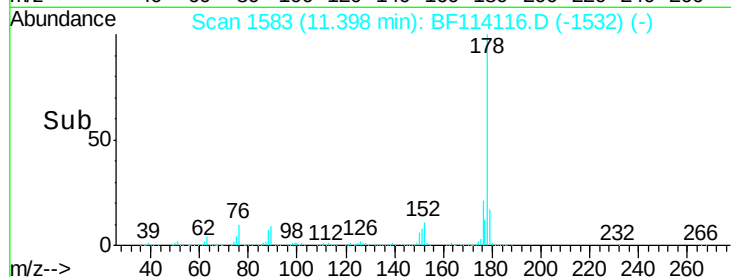
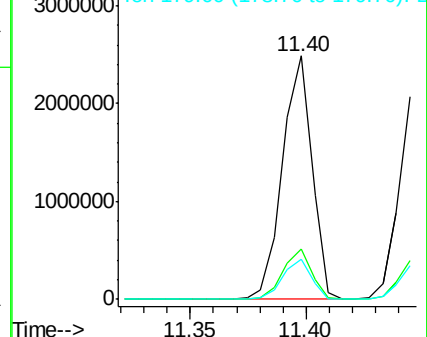
5/13/2019 8:34:12 PM



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: 39.724 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion:178 Resp: 2234878

Ion Ratio Lower Upper

178 100

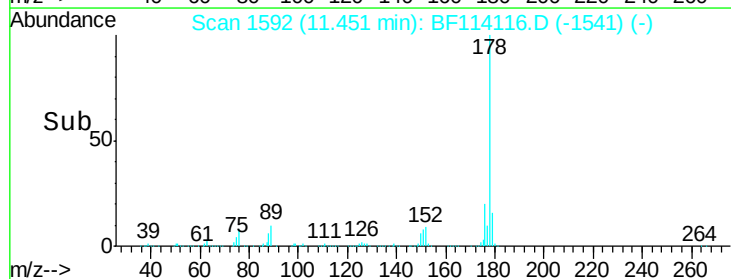
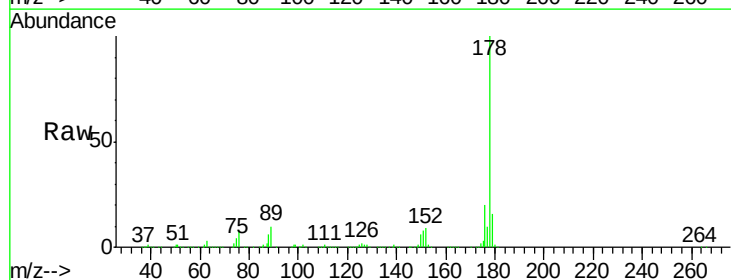
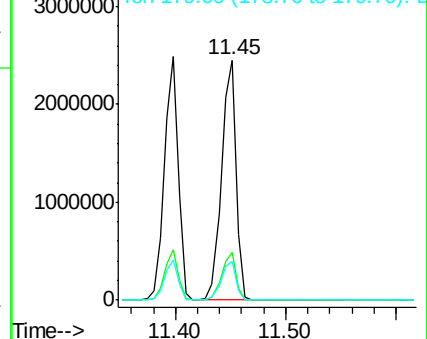
176 19.8 15.8 23.8

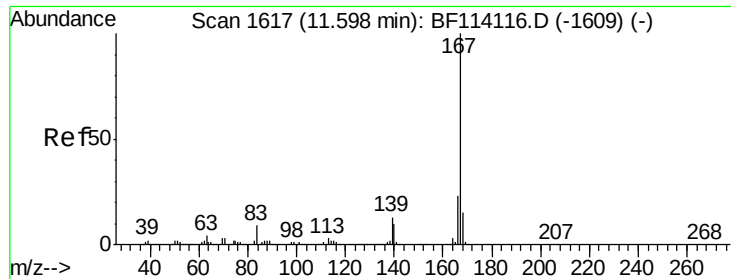
179 16.2 13.0 19.4

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: 42.625 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:167 Resp: 2116487

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

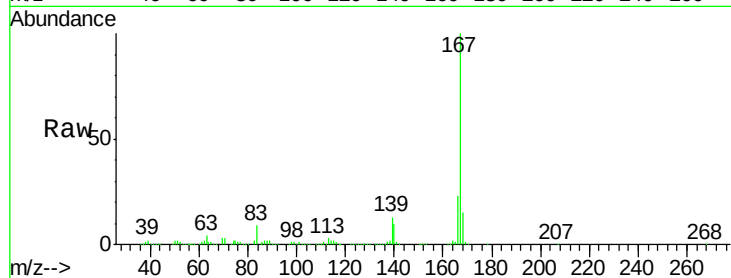
139 13.3 10.6 16.0

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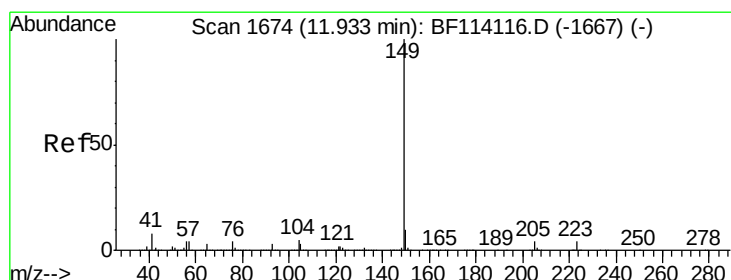
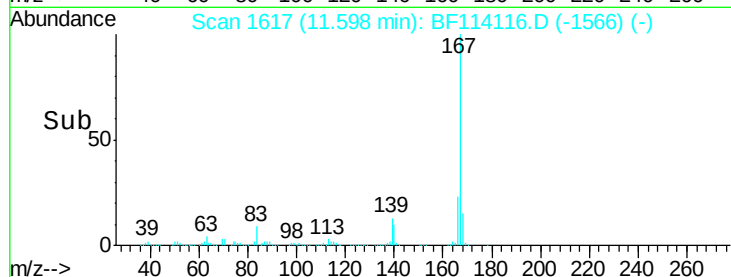
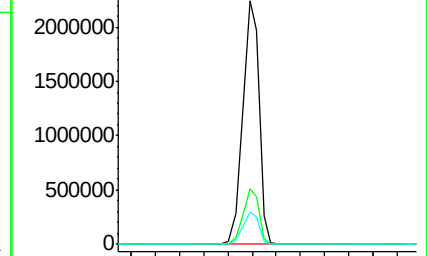
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.440 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

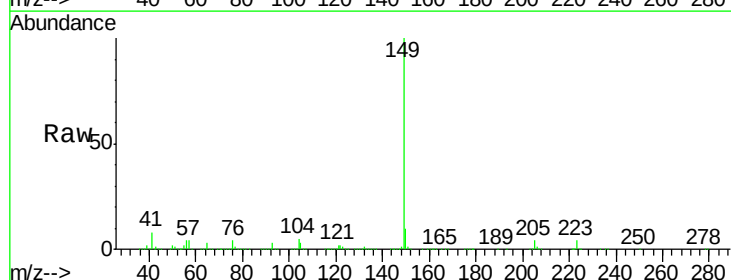
Tgt Ion:149 Resp: 2450570

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

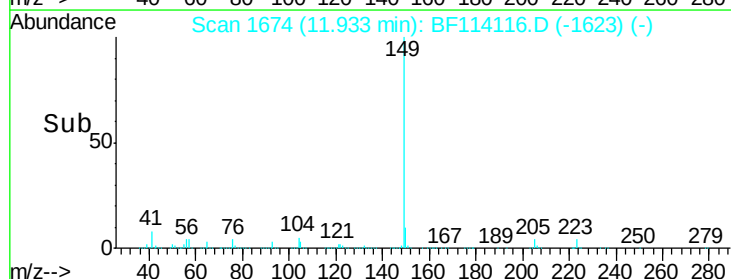
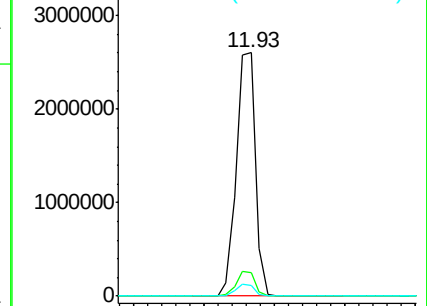
104 4.5 3.6 5.4

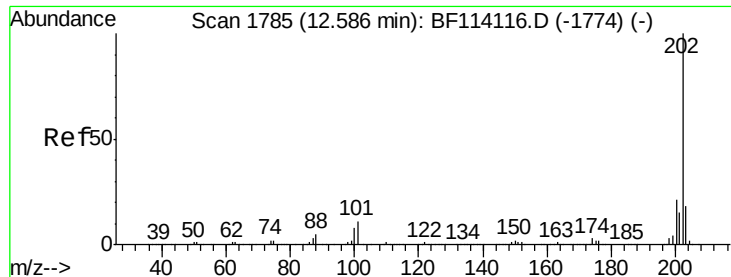


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





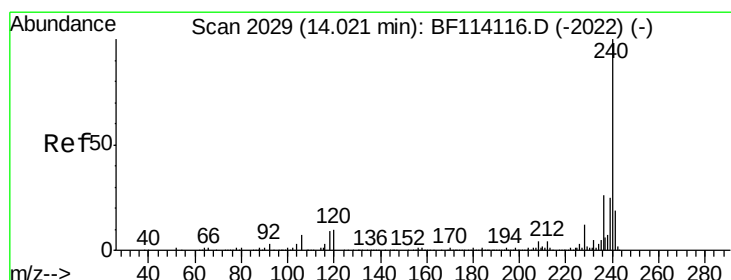
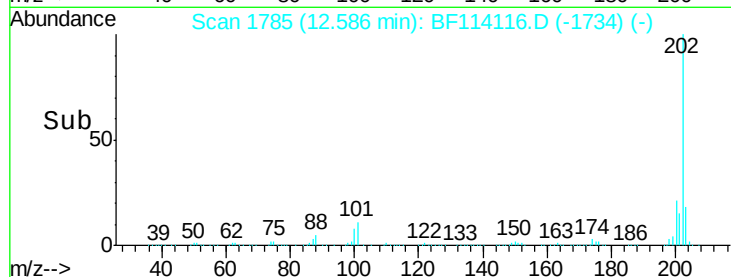
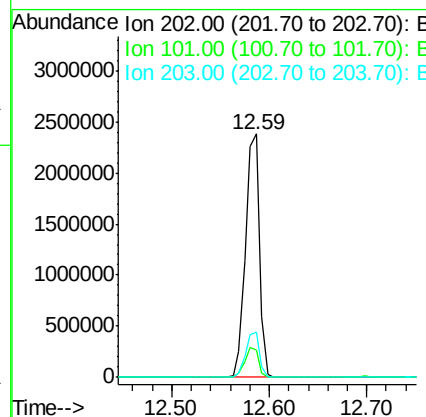
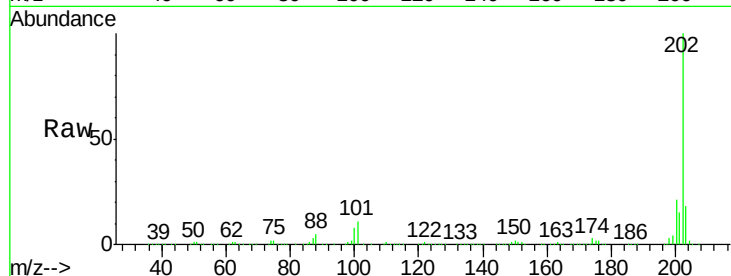
#75
 Fluoranthene
 Concen: 40.008 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
203	18.4	0.0	38.4

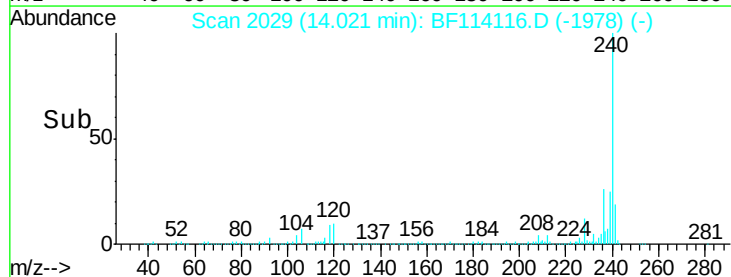
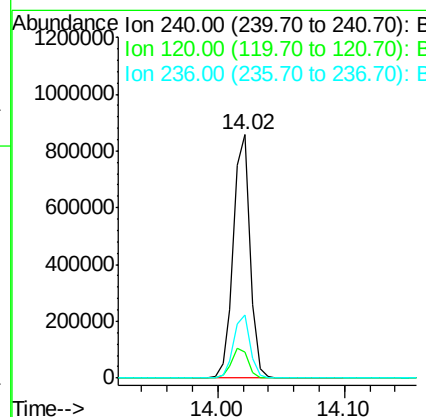
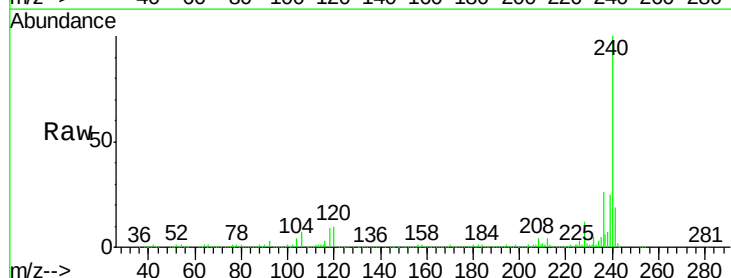
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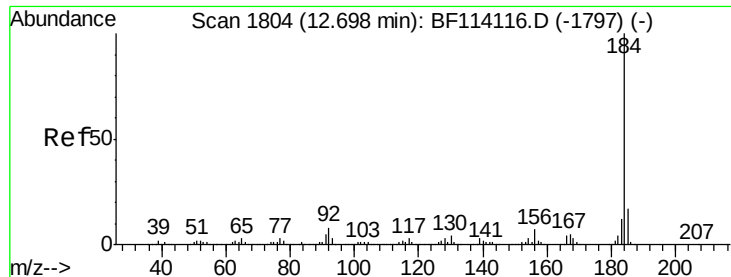
Sohil
 5/13/2019 8:34:12 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	26.0	20.8	31.2





#77

Benzidine

Concen: 60.798 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:184 Resp: 1361981

Ion Ratio Lower Upper

184 100

185 17.0 13.6 20.4

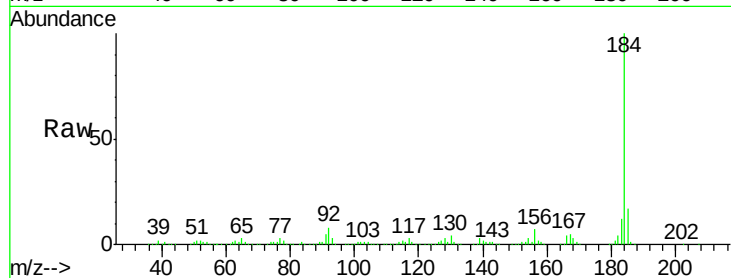
183 11.5 9.2 13.8

Manual Integrations

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Sohil

5/13/2019 8:34:12 PM

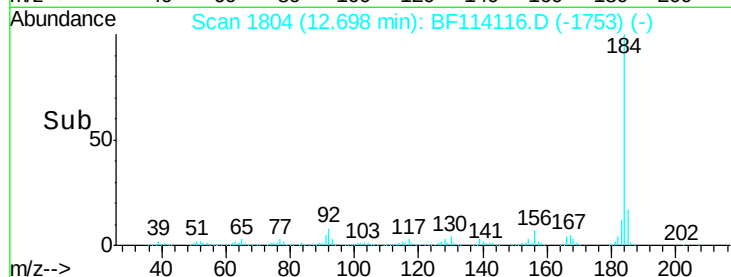


Abundance Ion 184.00 (183.70 to 184.70): E

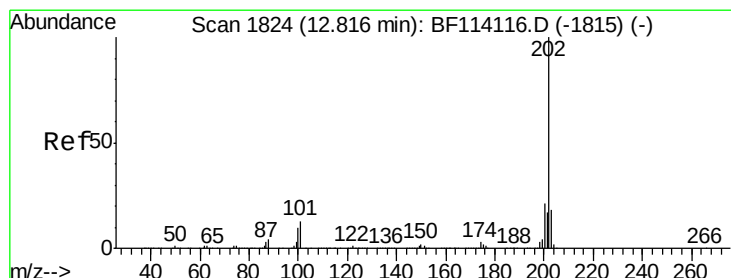
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.70



Time--> 12.60 12.70 12.80



#78

Pyrene

Concen: 44.427 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

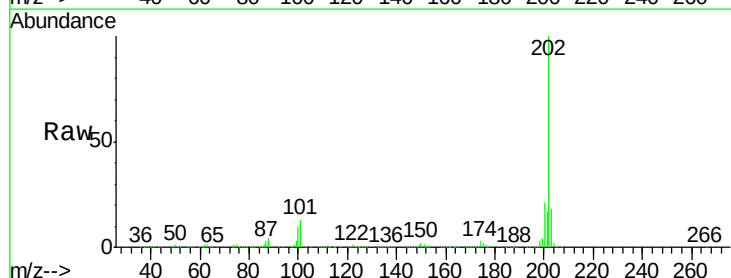
Tgt Ion:202 Resp: 2405601

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 18.1 14.5 21.7

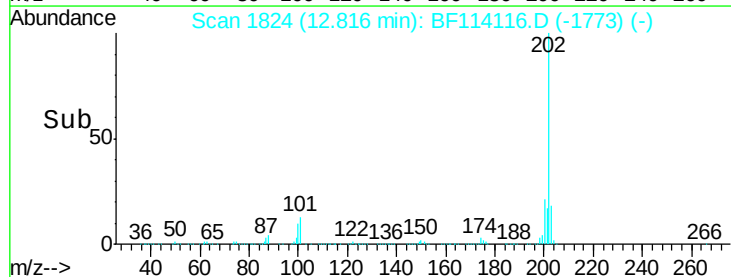


Abundance Ion 202.00 (201.70 to 202.70): E

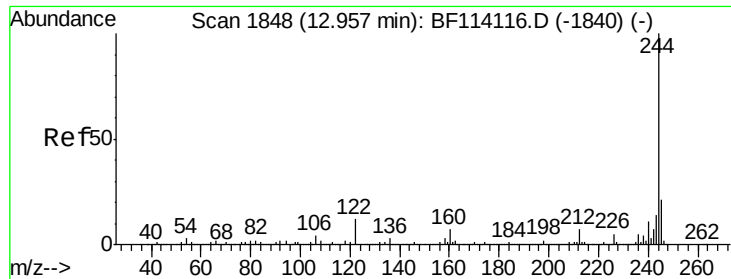
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.82



Time--> 12.70 12.80 12.90



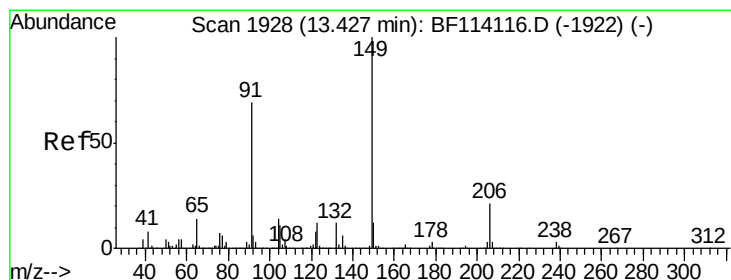
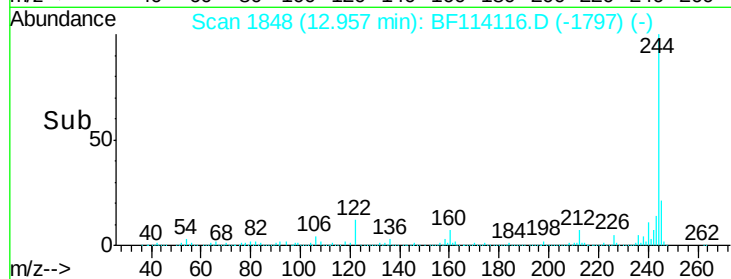
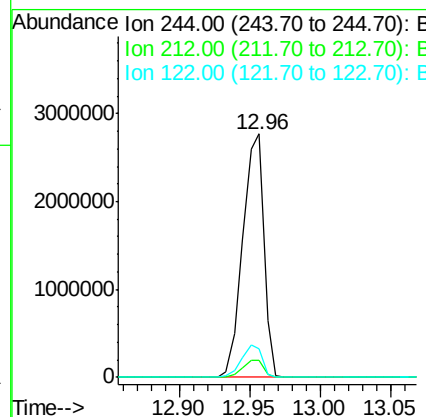
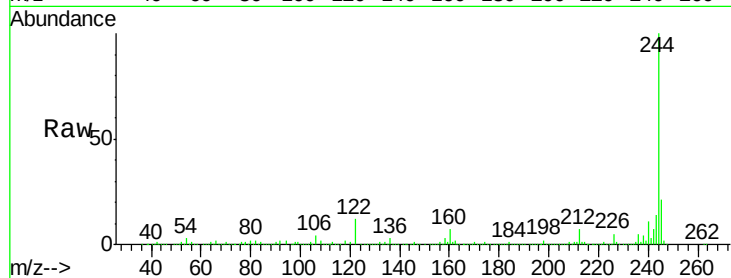
#79
 Terphenyl-d14
 Concen: 73.907 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.8	9.4	14.2

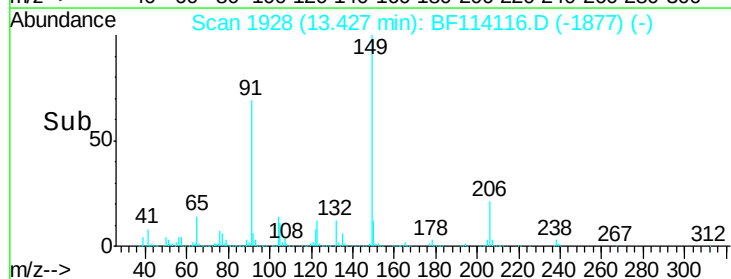
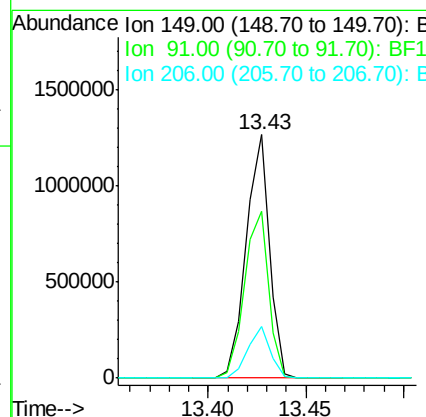
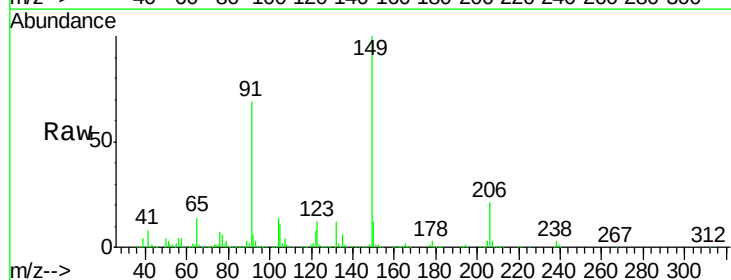
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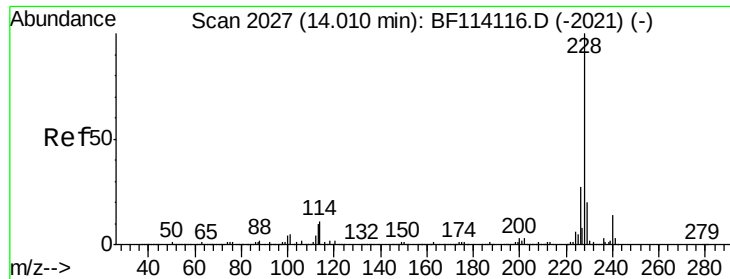
Sohil
 5/13/2019 8:34:12 PM



#80
 Butylbenzylphthalate
 Concen: 44.938 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	55.0	82.4
206	21.1	16.9	25.3





#81

Benzo(a)anthracene

Concen: 40.718 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 2052724

Ion Ratio Lower Upper

228 100

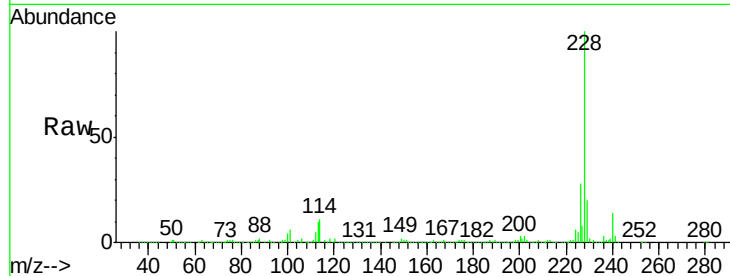
226 27.7 22.2 33.2

229 20.5 16.4 24.6

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Sohil

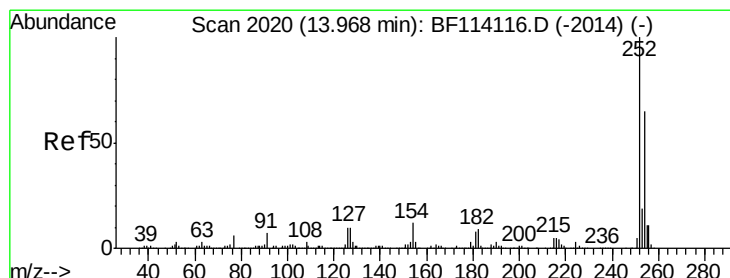
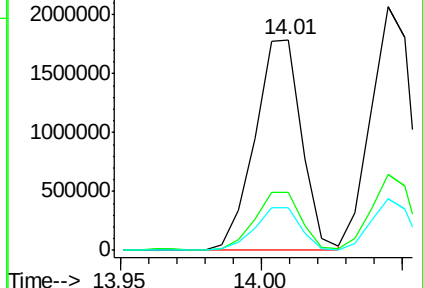
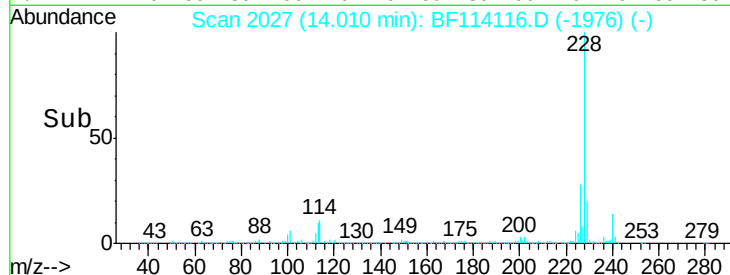
5/13/2019 8:34:12 PM



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: 44.787 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

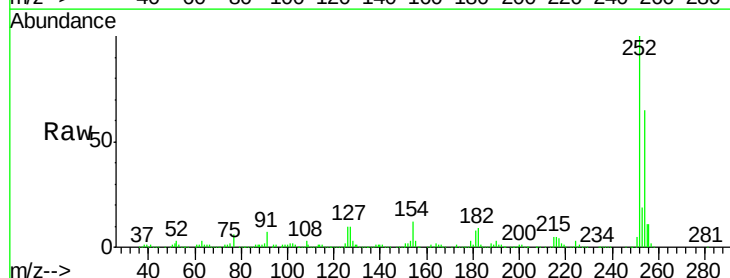
Tgt Ion:252 Resp: 826998

Ion Ratio Lower Upper

252 100

254 64.9 51.9 77.9

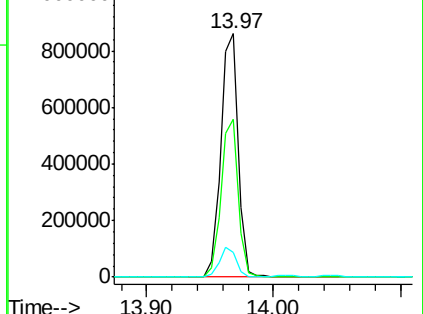
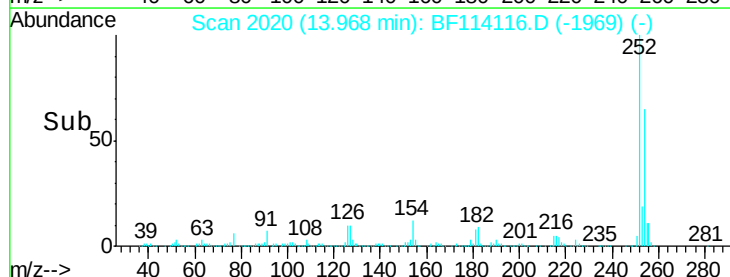
126 9.9 7.9 11.9

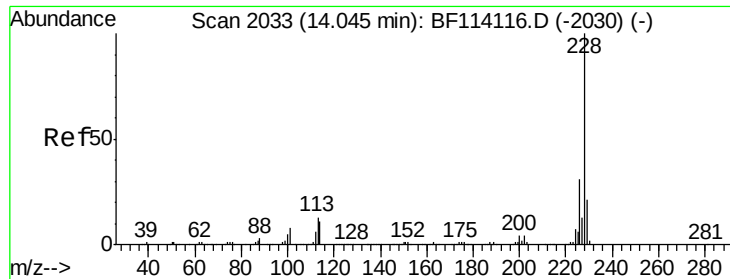


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





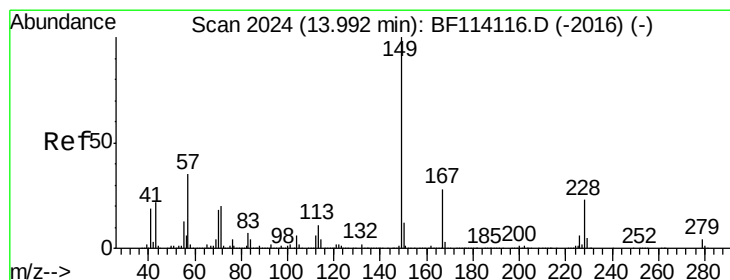
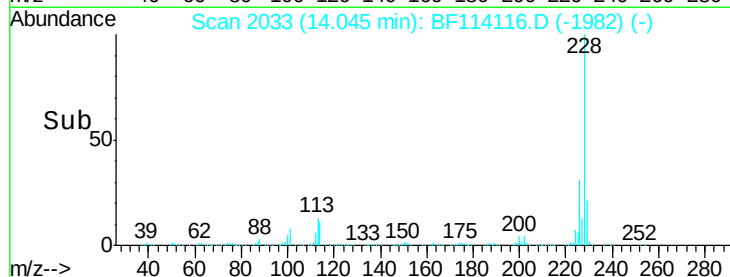
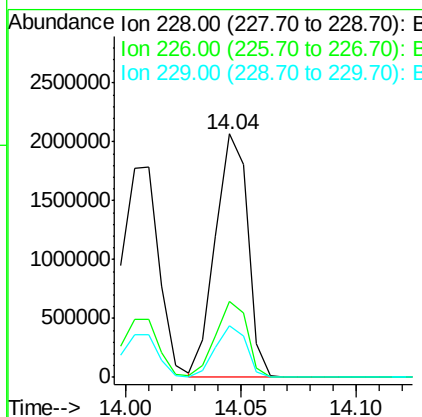
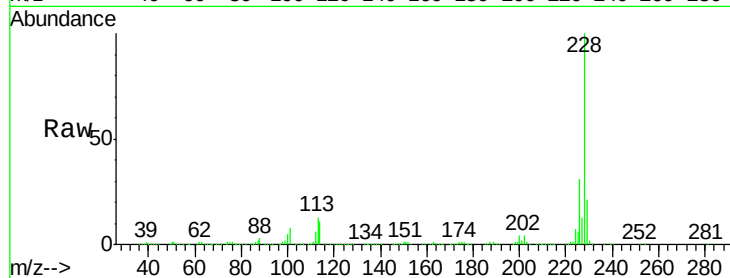
#83
Chrysene
Concen: 40.902 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 228 Resp: 2010105
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 21.3 17.0 25.6

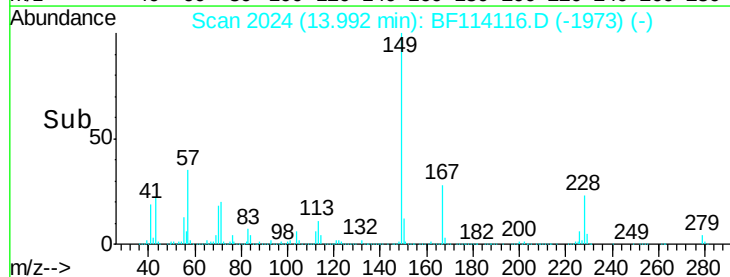
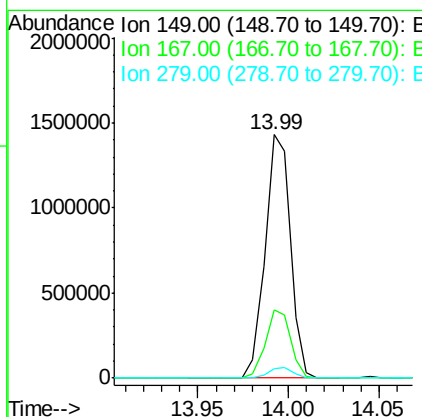
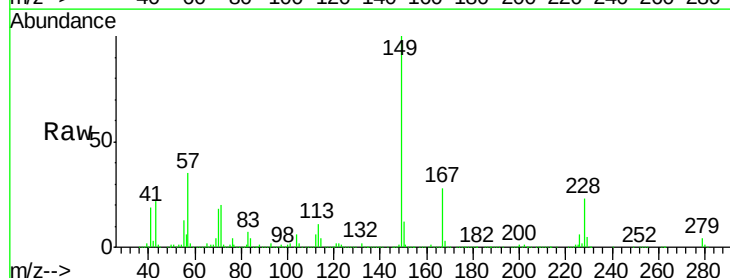
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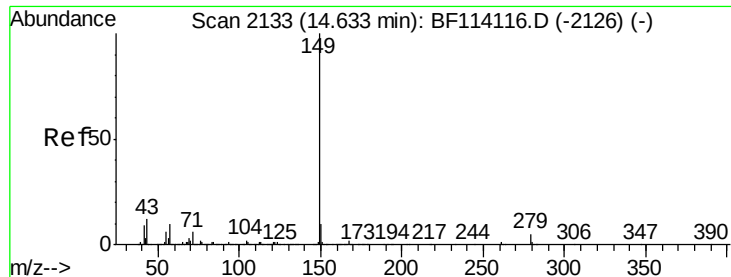
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.571 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion: 149 Resp: 1389818
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 3.8 3.0 4.6





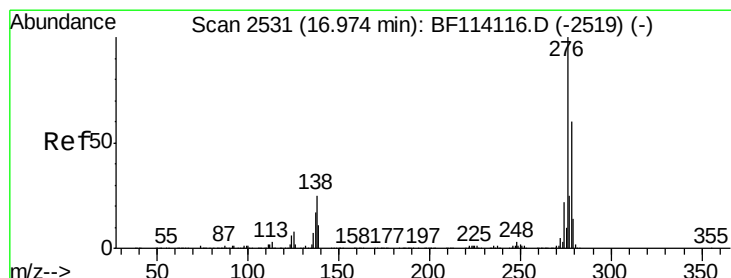
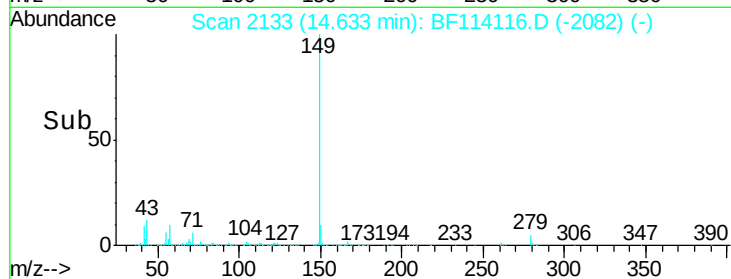
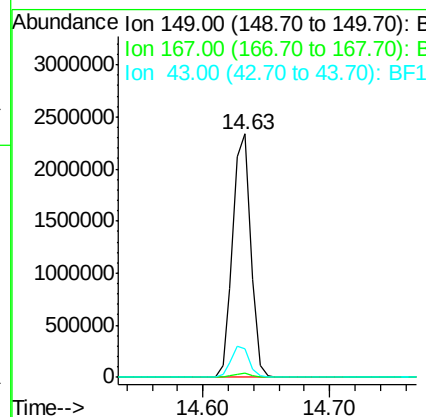
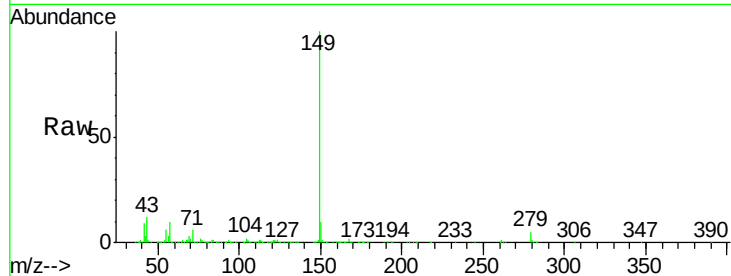
#85
 Di-n-octyl phthalate
 Concen: 42.618 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	10.1	15.1

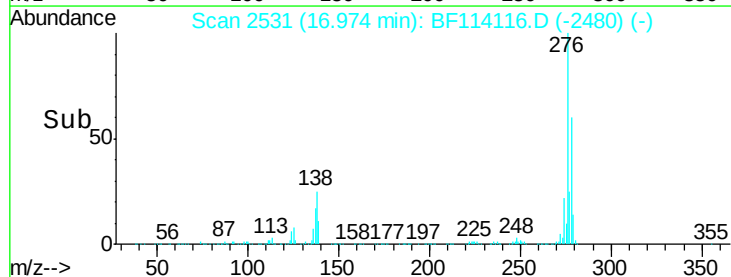
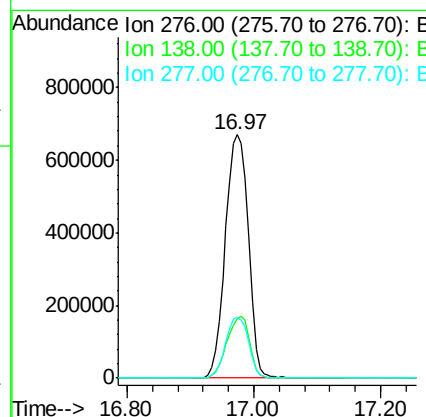
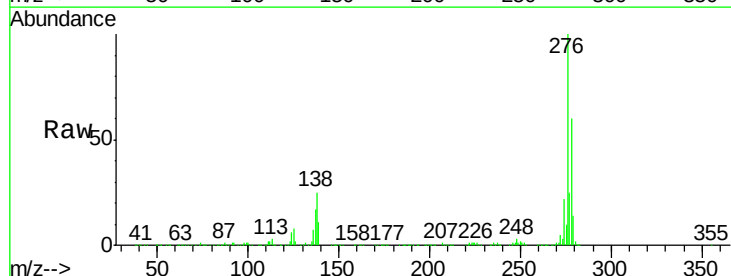
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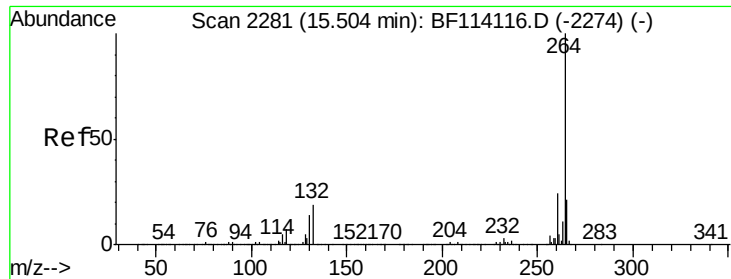
Sohil
 5/13/2019 8:34:12 PM



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 37.257 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	25.0	20.0	30.0





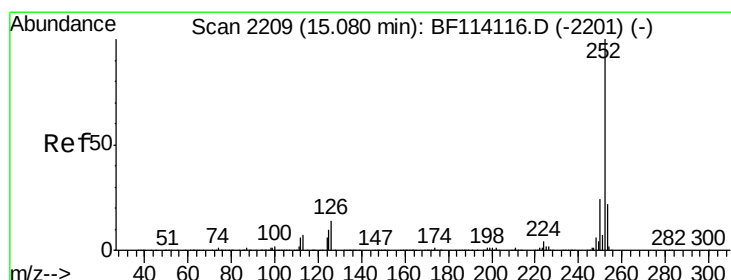
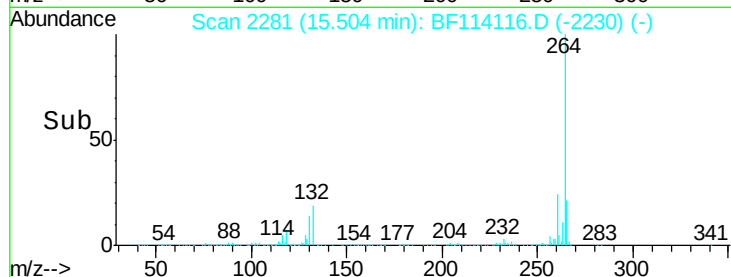
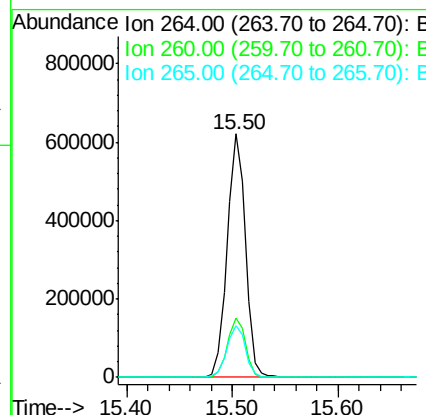
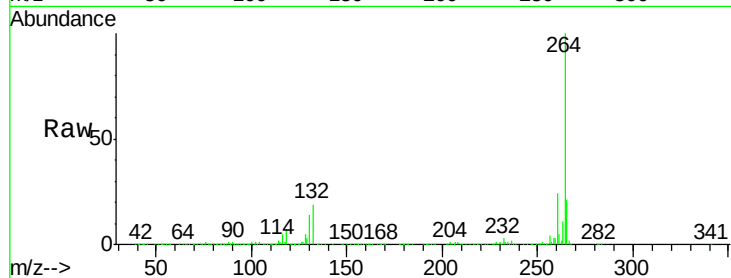
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.1	16.9	25.3

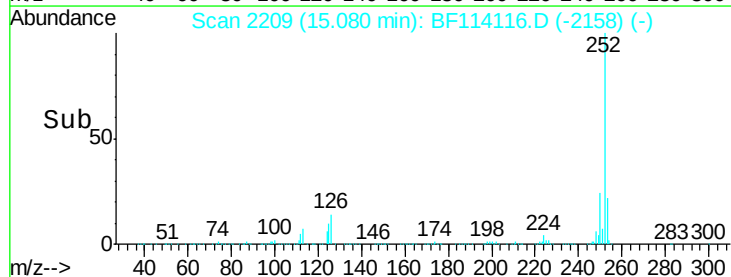
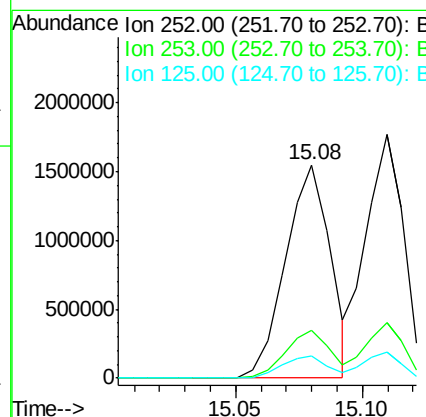
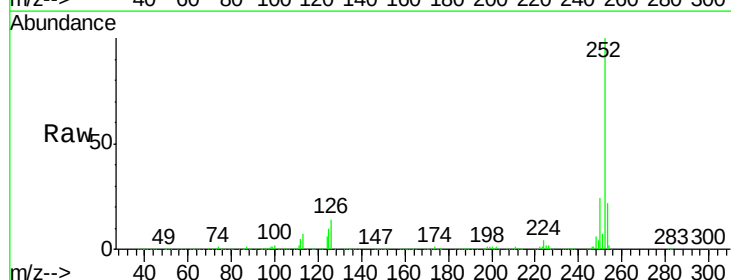
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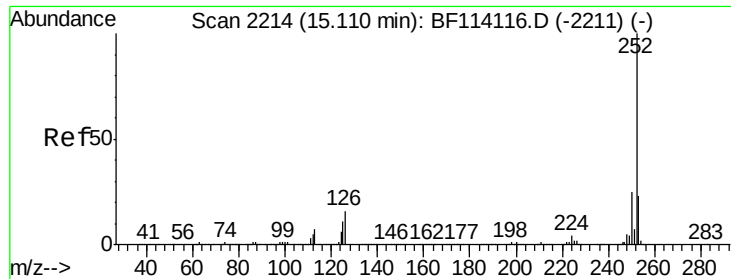
Sohil
5/13/2019 8:34:12 PM



#88
Benzo(b)fluoranthene
Concen: 41.074 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.4	8.3	12.5





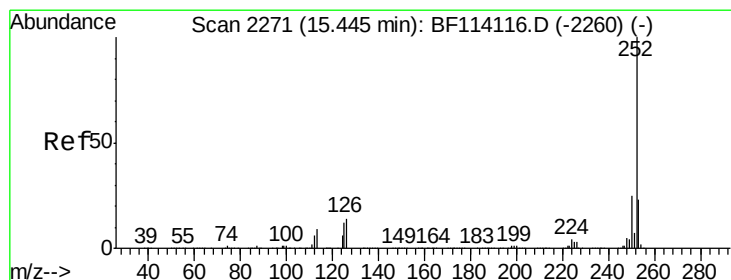
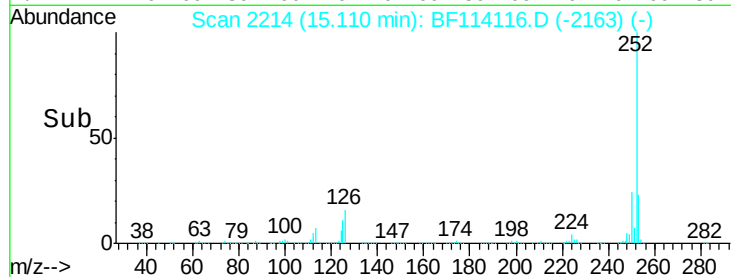
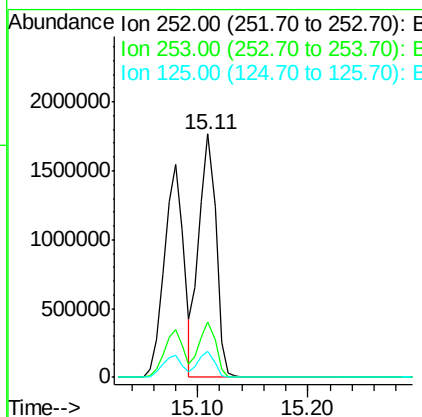
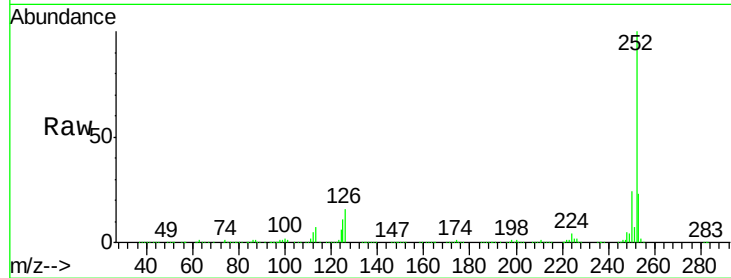
#89
Benzo(k)fluoranthene
Concen: 45.341 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.8	8.6	13.0

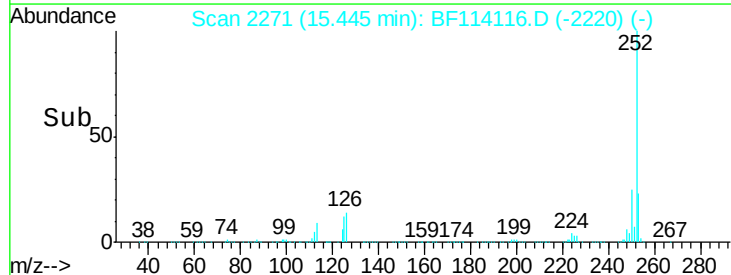
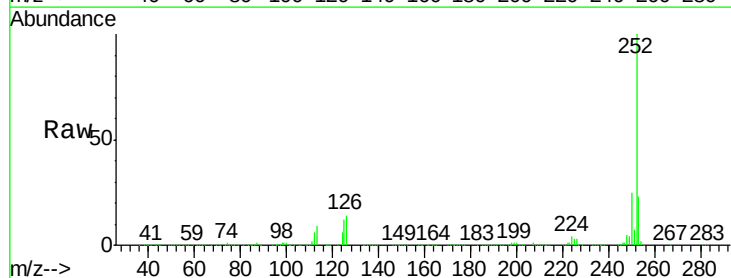
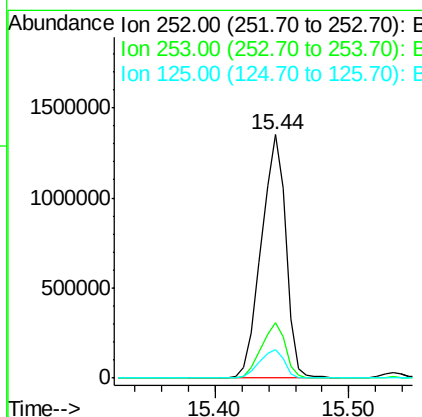
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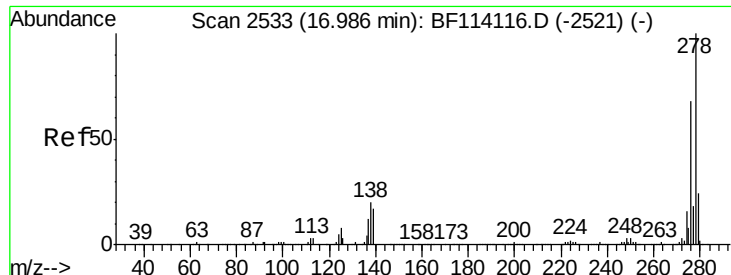
Sohil
5/13/2019 8:34:12 PM



#90
Benzo(a)pyrene
Concen: 41.963 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.9	9.5	14.3





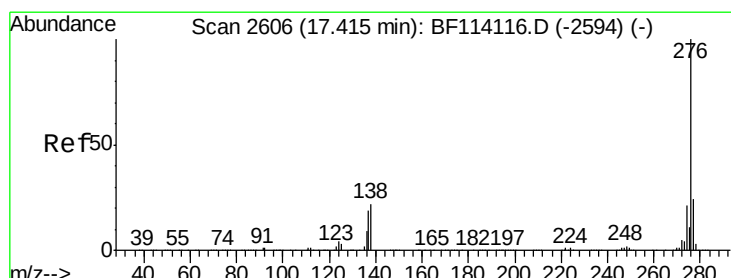
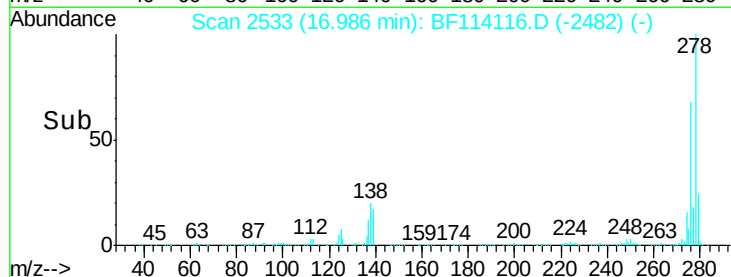
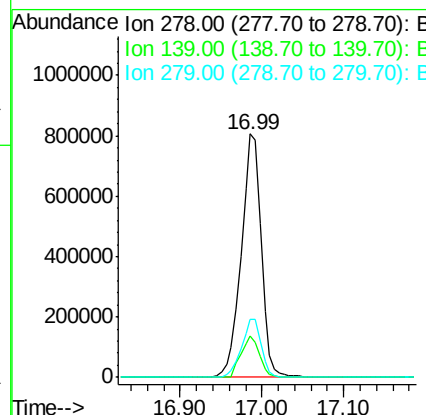
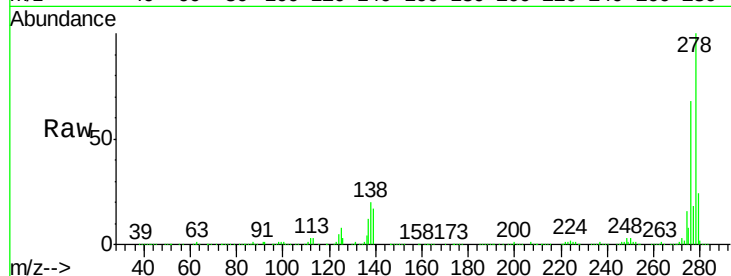
#91
Dibenzo(a,h)anthracene
Concen: 40.013 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	23.8	19.0	28.6

Manual Integrations
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5/13/2019 8:34:12 PM



#92
Benzo(g,h,i)perylene
Concen: 39.867 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.2	17.8	26.6

