

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114122.D
 Acq On : 10 May 2019 15:56
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:34:22 PM

Quant Time: May 10 18:34:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	307467	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1194273	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	568145	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1121483	20.00	ng	0.00
76) Chrysene-d12	14.03	240	811970	20.00	ng	0.00
87) Perylene-d12	15.53	264	863958	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1434438	75.08	ng	0.00
7) Phenol-d6	6.49	99	1844285	81.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	1739132	81.72	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	465937	79.33	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2970672	79.09	ng	0.00
79) Terphenyl-d14	12.96	244	2971143	75.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	402709	38.347	ng	99
3) Pyridine	3.38	79	1108091	38.296	ng	99
4) n-Nitrosodimethylamine	3.33	42	546375	39.158	ng	100
6) Aniline	6.52	93	1400243	42.896	ng	100
8) 2-Chlorophenol	6.64	128	838037	41.087	ng	99
9) Benzaldehyde	6.40	77	639216	40.406	ng	98
10) Phenol	6.50	94	1130333	42.521	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	838441	41.545	ng	99
12) 1,3-Dichlorobenzene	6.80	146	954797	41.702	ng	99
13) 1,4-Dichlorobenzene	6.87	146	939416	40.718	ng	100
14) 1,2-Dichlorobenzene	7.03	146	867909	41.176	ng	99
15) Benzyl Alcohol	6.99	79	725907	41.187	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1593942	40.734	ng	100
17) 2-Methylphenol	7.11	107	682127	40.712	ng	100
18) Hexachloroethane	7.37	117	352009	40.647	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	570028	39.797	ng	100
20) 3+4-Methylphenols	7.26	107	796690	41.155	ng	99
22) Acetophenone	7.26	105	1080991	40.858	ng	99
24) Nitrobenzene	7.43	77	903922	41.704	ng	98
25) Isophorone	7.67	82	1579021	40.008	ng	99
26) 2-Nitrophenol	7.75	139	437745	41.628	ng	99
27) 2,4-Dimethylphenol	7.79	122	667084	40.391	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1039545	40.595	ng	99
29) 2,4-Dichlorophenol	7.99	162	675753	41.090	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	775318	41.459	ng	98
31) Naphthalene	8.16	128	2318367	41.558	ng	100
32) Benzoic acid	7.92	122	453615m	39.906	ng	
33) 4-Chloroaniline	8.20	127	1060786	41.728	ng	99
34) Hexachlorobutadiene	8.28	225	436639	41.035	ng	99
35) Caprolactam	8.57	113	235645	43.943	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	706730	42.692	ng	99
37) 2-Methylnaphthalene	8.85	142	1533220	42.598	ng	99
38) 1-Methylnaphthalene	8.95	142	1458222	43.021	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	698246	40.571	ng	99

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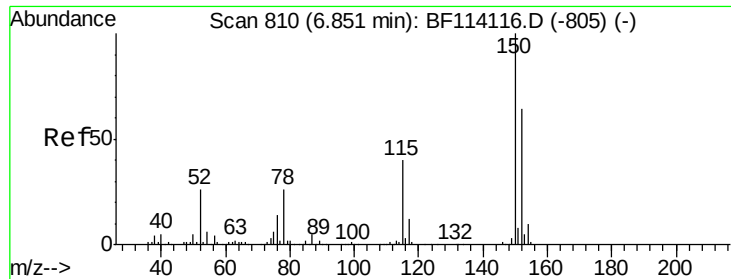
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	302748	40.042	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	485781	41.037	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	494157	40.704	ng	98
46) 1,1'-Biphenyl	9.31	154	1872638	40.800	ng	100
47) 2-Chloronaphthalene	9.33	162	1505211	40.749	ng	99
48) 2-Nitroaniline	9.43	65	533784	40.746	ng	99
49) Acenaphthylene	9.75	152	2320957	41.312	ng	100
50) Dimethylphthalate	9.61	163	1680596	40.295	ng	99
51) 2,6-Dinitrotoluene	9.67	165	385158	41.636	ng	99
52) Acenaphthene	9.92	154	1420725m	41.210	ng	
53) 3-Nitroaniline	9.84	138	478393	41.660	ng	98
54) 2,4-Dinitrophenol	9.95	184	179596	42.100	ng	98
55) Dibenzofuran	10.09	168	2066569	40.879	ng	99
56) 4-Nitrophenol	10.00	139	334454	41.185	ng	97
57) 2,4-Dinitrotoluene	10.07	165	514986	41.016	ng	97
58) Fluorene	10.44	166	1553368	39.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	419684	40.065	ng	99
60) Diethylphthalate	10.31	149	1700475	40.127	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	766803	39.983	ng	98
62) 4-Nitroaniline	10.45	138	489305	40.550	ng	99
63) Azobenzene	10.59	77	1643819	40.075	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	237292	44.034	ng	96
66) n-Nitrosodiphenylamine	10.55	169	1406301	41.317	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	502654	40.707	ng	100
68) Hexachlorobenzene	10.99	284	563502	41.251	ng	99
69) Atrazine	11.07	200	434640	41.034	ng	98
70) Pentachlorophenol	11.18	266	276841	42.752	ng	98
71) Phenanthrene	11.40	178	2277052	41.734	ng	99
72) Anthracene	11.45	178	2348199	42.848	ng	100
73) Carbazole	11.60	167	2172874	41.579	ng	99
74) Di-n-butylphthalate	11.93	149	2568268	42.657	ng	100
75) Fluoranthene	12.59	202	2406314	40.954	ng	98
77) Benzidine	12.70	184	1390165	38.141	ng	99
78) Pyrene	12.82	202	2464547	37.731	ng	100
80) Butylbenzylphthalate	13.43	149	1155878	42.042	ng	95
81) Benzo(a)anthracene	14.02	228	2107209	40.124	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	864179	42.418	ng	# 99
83) Chrysene	14.06	228	2107968	40.946	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1447147	40.246	ng	99
85) Di-n-octyl phthalate	14.65	149	2500605	42.900	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2072055	45.541	ng	99
88) Benzo(b)fluoranthene	15.10	252	2222927	40.161	ng	100
89) Benzo(k)fluoranthene	15.13	252	2057436	40.465	ng	99
90) Benzo(a)pyrene	15.47	252	1979599	40.638	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	1716361	42.402	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1617887	39.884	ng	99

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



#1

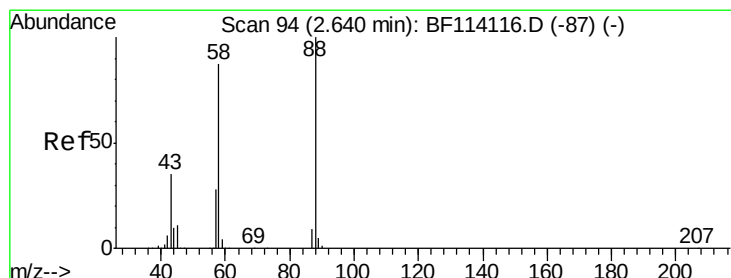
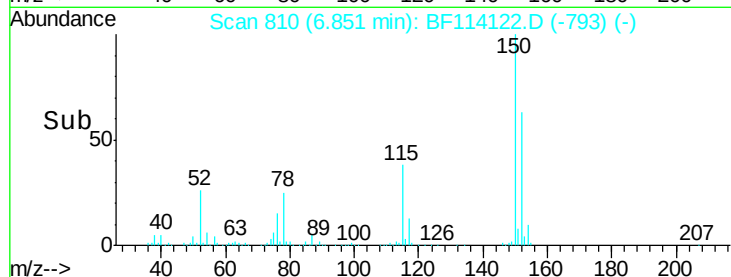
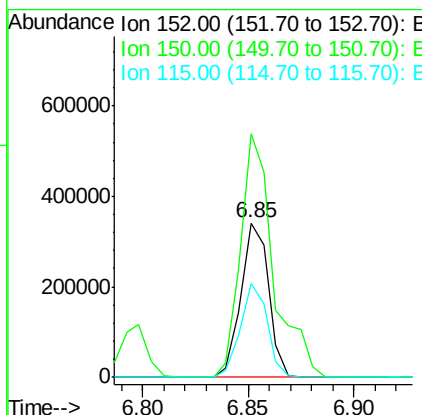
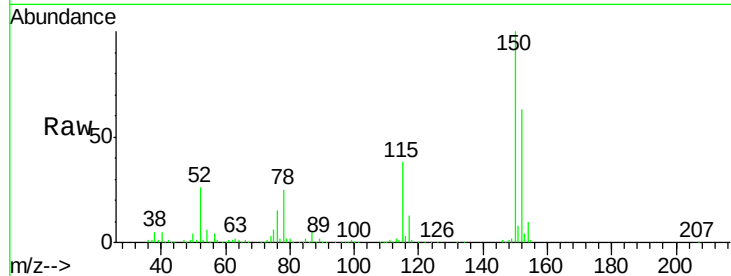
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	60.8	49.1	73.7

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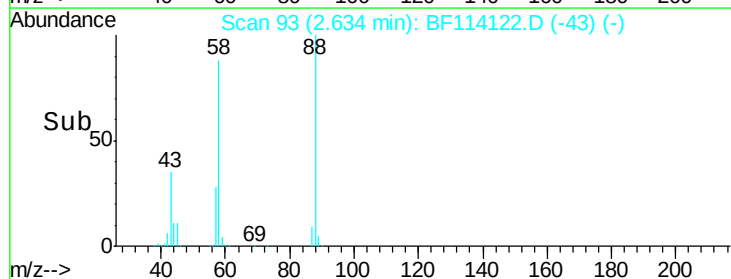
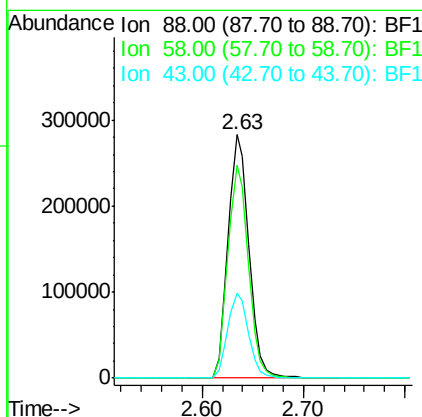
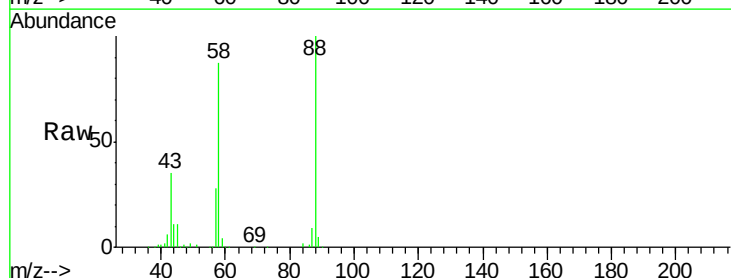
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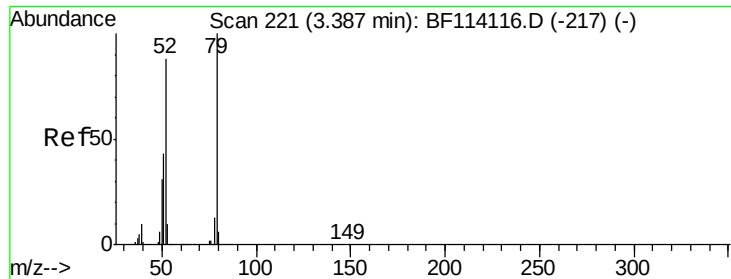


#2

1,4-Dioxane
Concen: 38.347 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	68.7	103.1
43	35.0	28.2	42.2





#3

Pyridine

Concen: 38.296 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

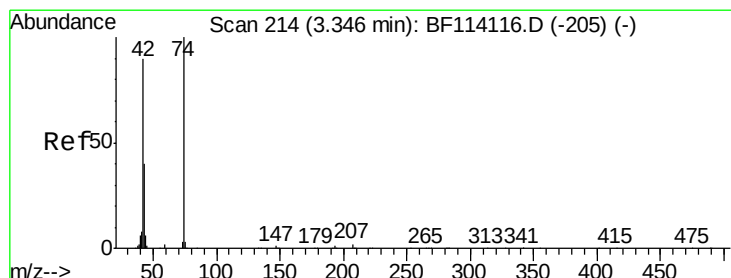
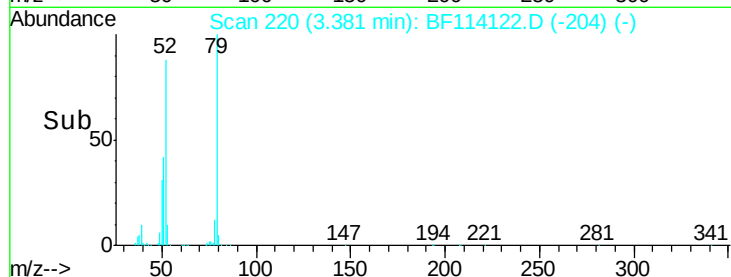
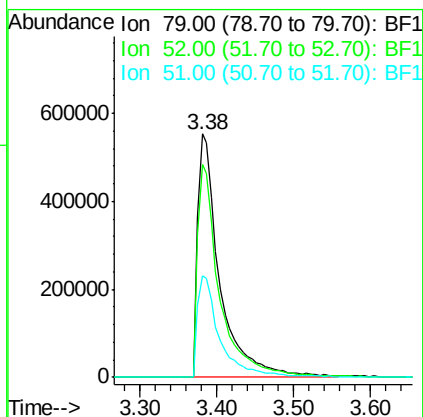
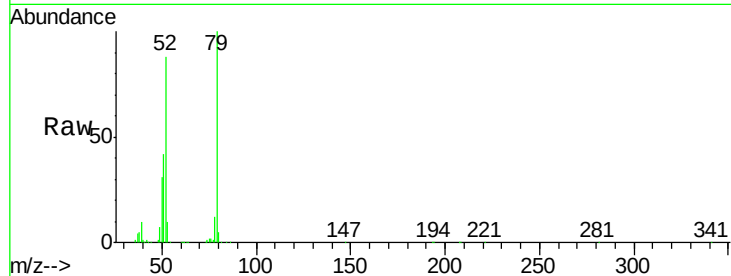
ClientSampleId :

ICVBF051019

Tgt Ion:	79	Resp:	1108091
Ion	Ratio	Lower	Upper
79	100		
52	87.7	70.6	105.8
51	41.8	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.158 ng

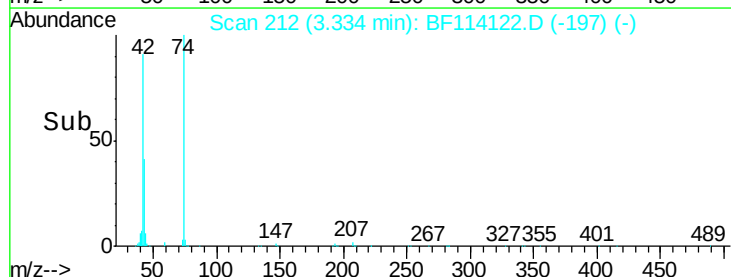
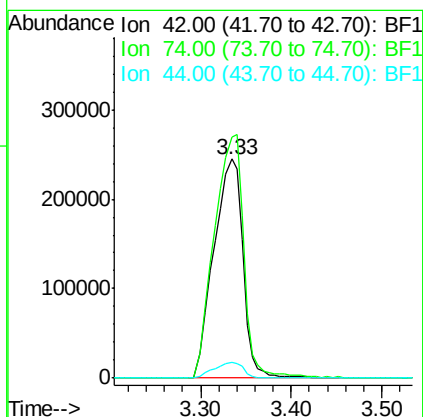
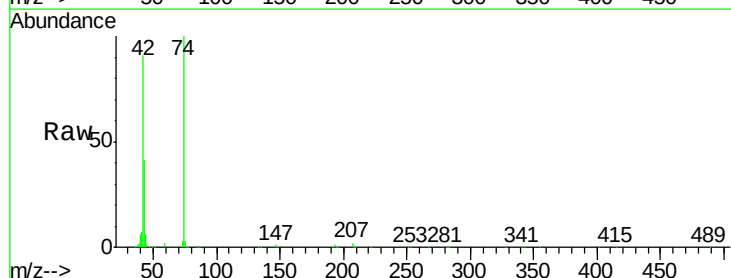
RT: 3.33 min Scan# 212

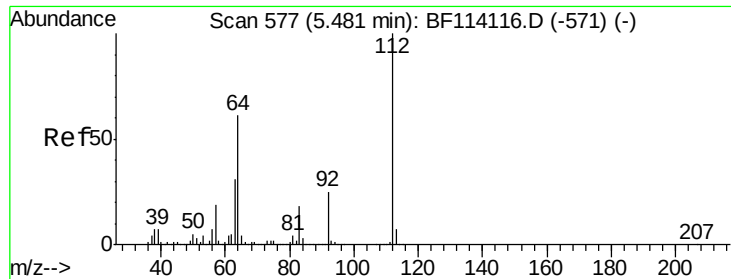
Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:	42	Resp:	546375
Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.6	132.8
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 75.078 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion: 112 Resp: 1434438

Ion Ratio Lower Upper

112 100

64 67.5 49.0 73.6

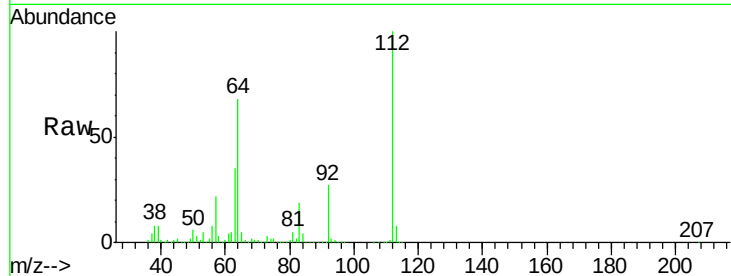
63 34.9 24.6 37.0

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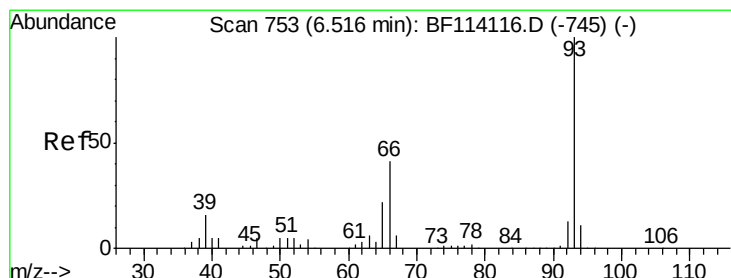
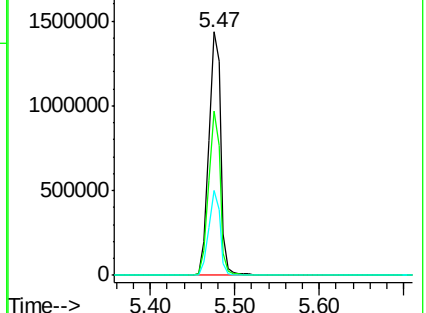
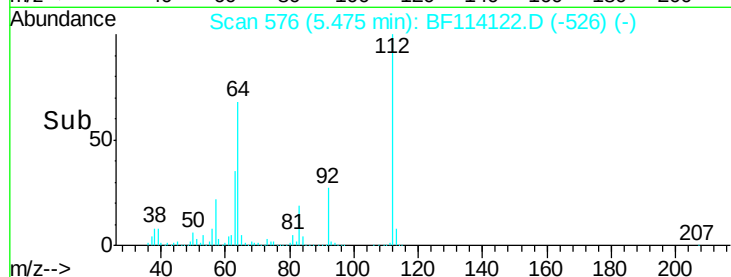
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Abundance Ion 112.00 (111.70 to 112.70): BF114116.D (-571) (-)

Ion 64.00 (63.70 to 64.70): BF114116.D (-571) (-)

Ion 63.00 (62.70 to 63.70): BF114116.D (-571) (-)



#6

Aniline

Concen: 42.896 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

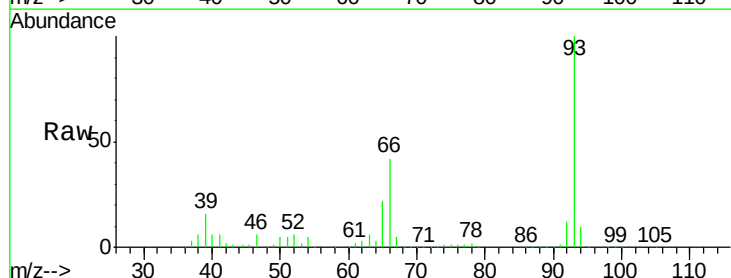
Tgt Ion: 93 Resp: 1400243

Ion Ratio Lower Upper

93 100

66 41.6 33.2 49.8

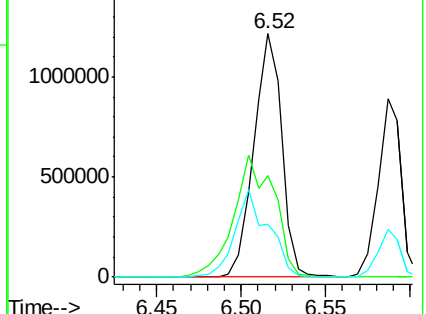
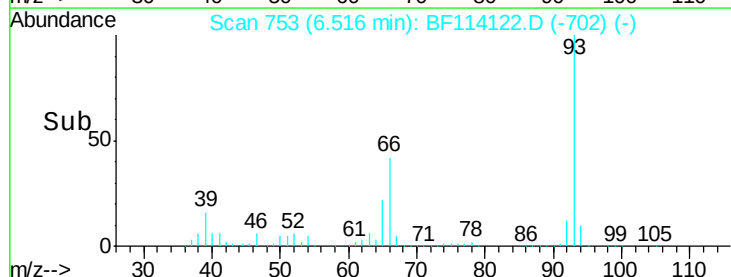
65 21.8 17.6 26.4

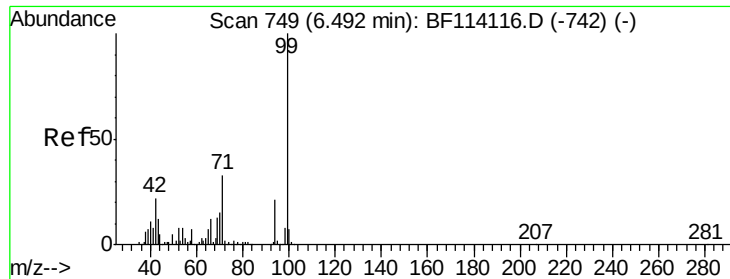


Abundance Ion 93.00 (92.70 to 93.70): BF114116.D (-745) (-)

Ion 66.00 (65.70 to 66.70): BF114116.D (-745) (-)

Ion 65.00 (64.70 to 65.70): BF114116.D (-745) (-)





#7

Phenol-d6

Concen: 81.615 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion: 99 Resp: 1844285

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

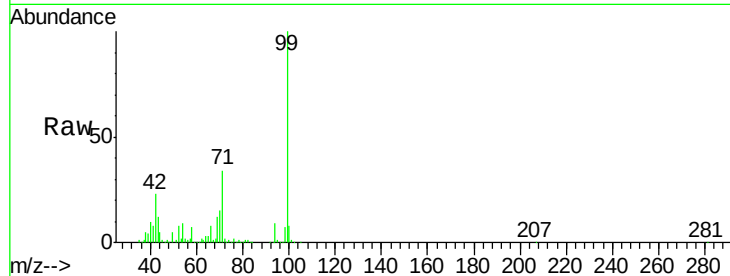
71 33.8 26.2 39.2

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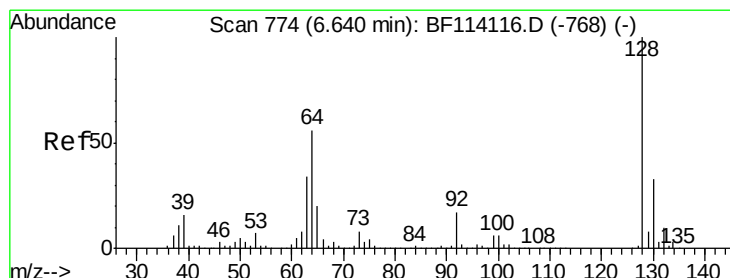
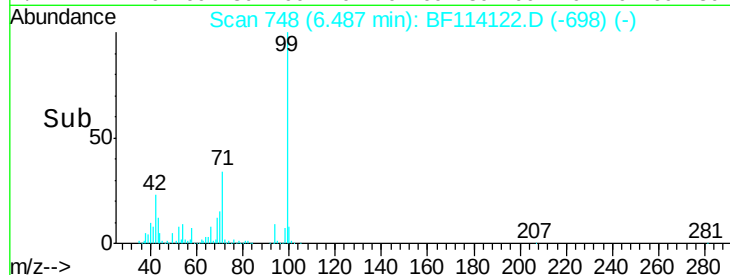
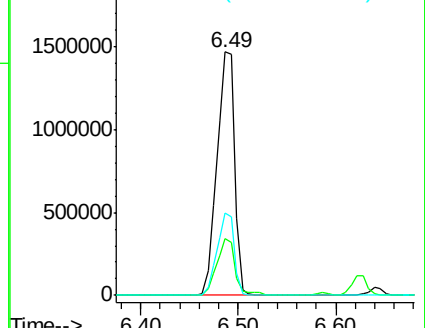
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.087 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

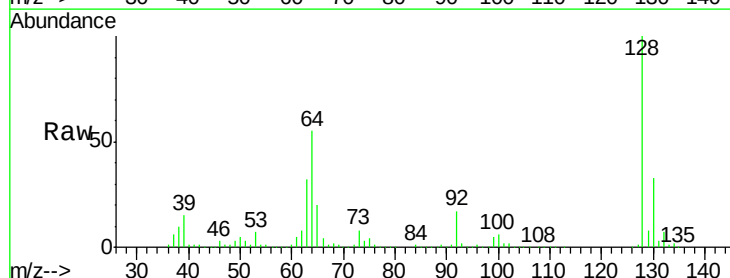
Tgt Ion: 128 Resp: 838037

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

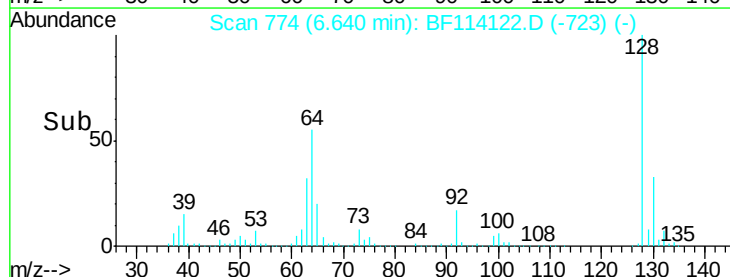
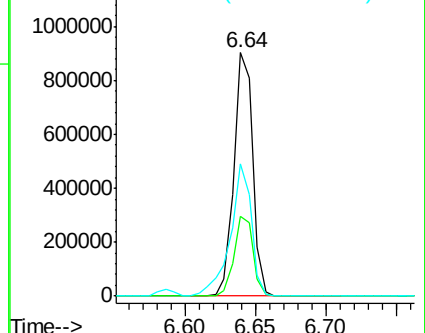
64 54.5 35.9 75.9

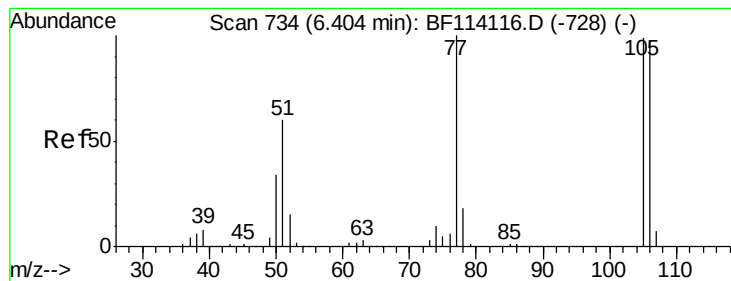


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.406 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

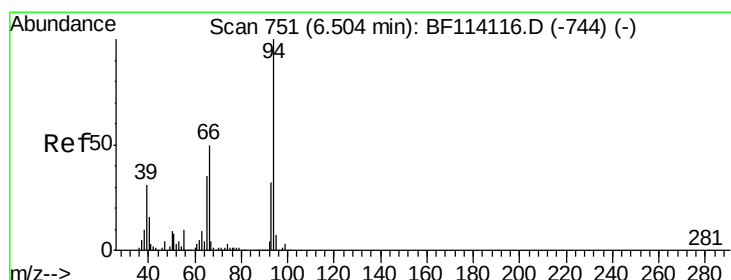
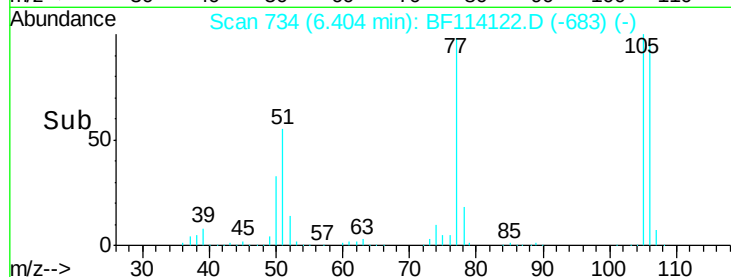
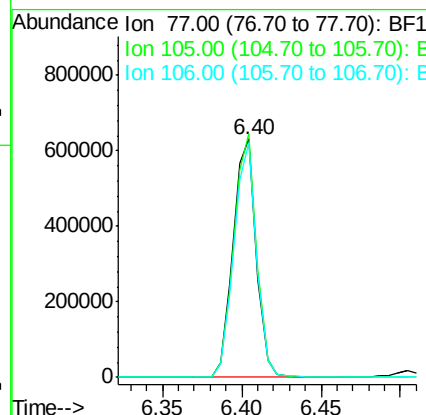
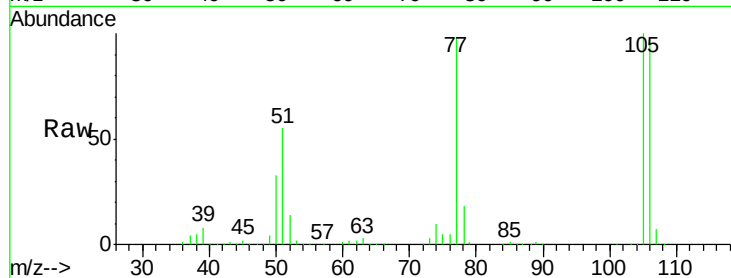
ClientSampleId :

ICVBF051019

Tgt Ion:	77	Resp:	639216
Ion	Ratio	Lower	Upper
77	100		
105	102.2	79.3	119.3
106	98.4	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 42.521 ng

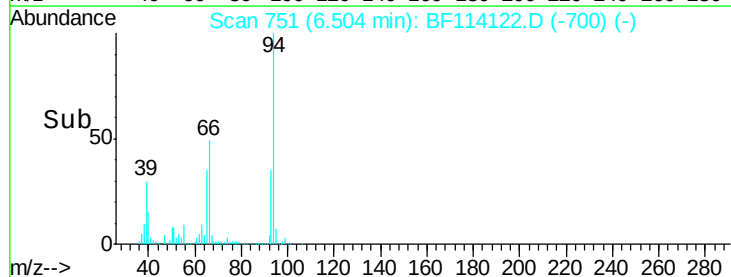
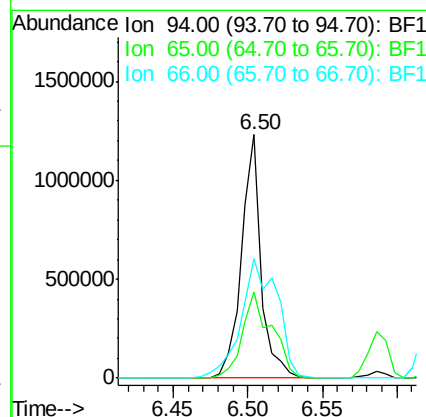
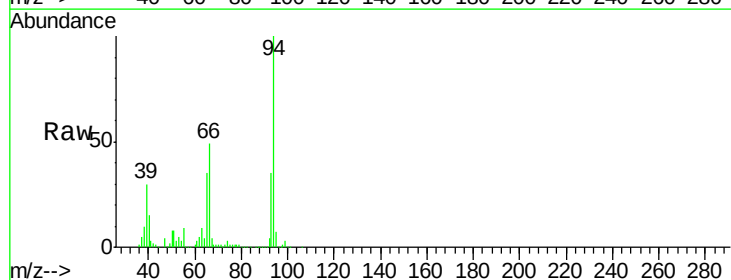
RT: 6.50 min Scan# 751

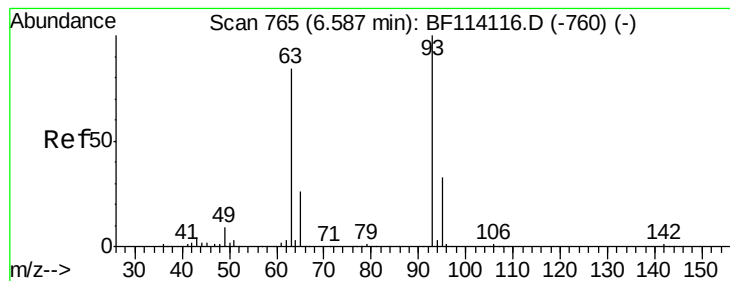
Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:	94	Resp:	1130333
Ion	Ratio	Lower	Upper
94	100		
65	35.3	14.7	54.7
66	49.3	29.6	69.6





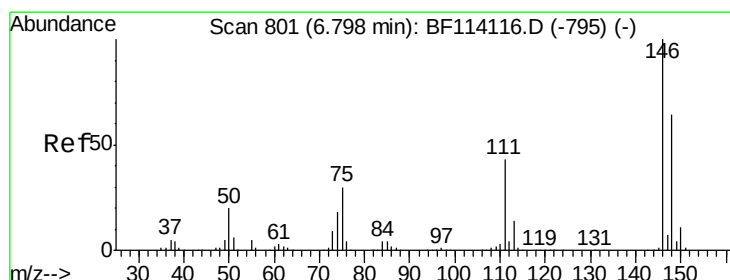
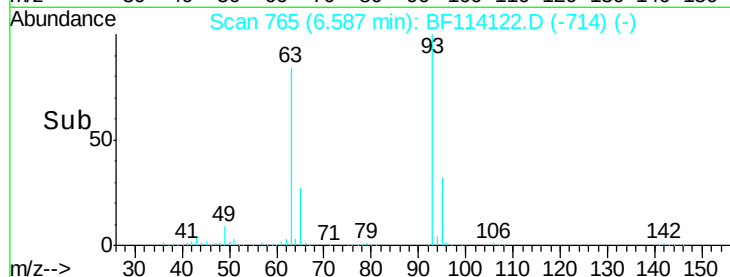
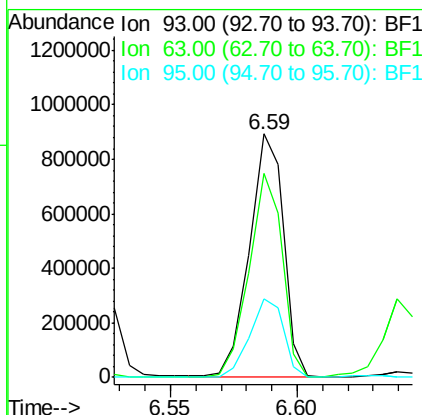
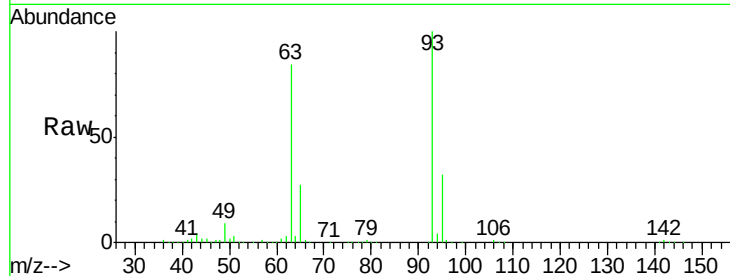
#11
bis(2-Chloroethyl)ether
Concen: 41.545 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.8	63.6	103.6
95	32.3	13.1	53.1

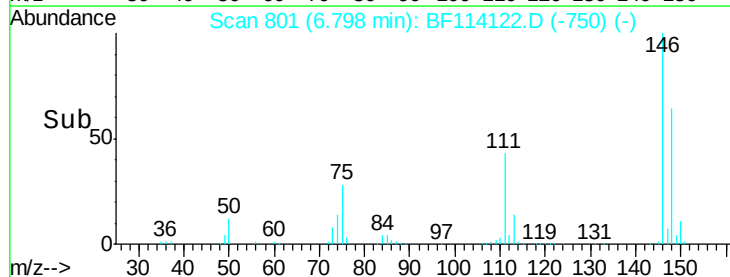
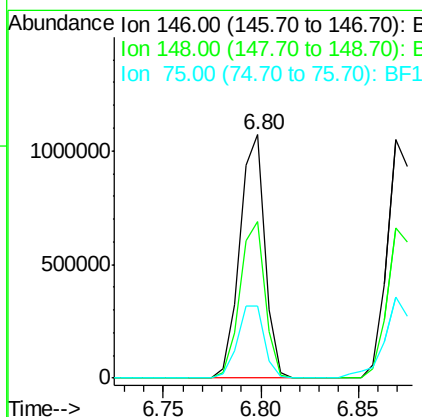
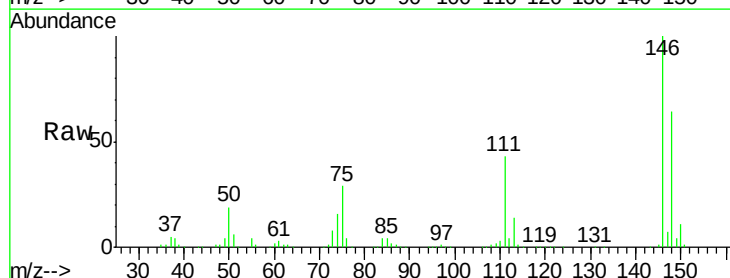
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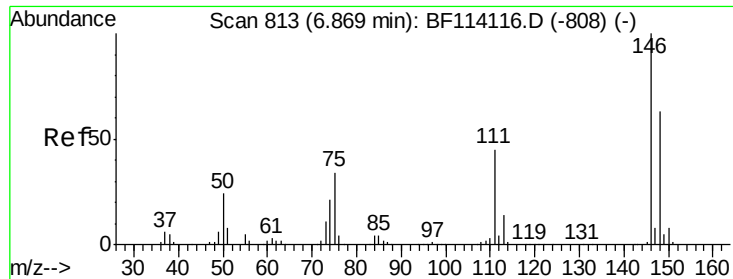
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.702 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
75	29.5	24.2	36.2





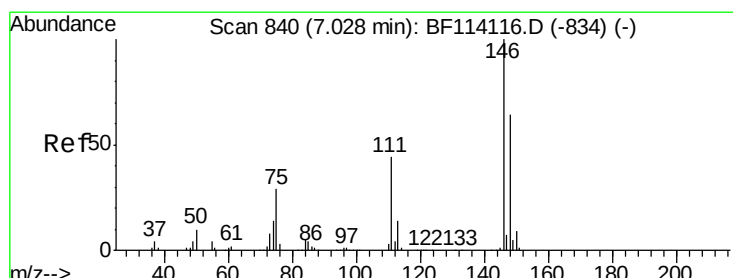
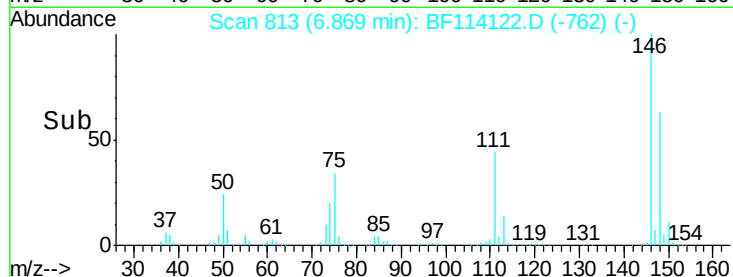
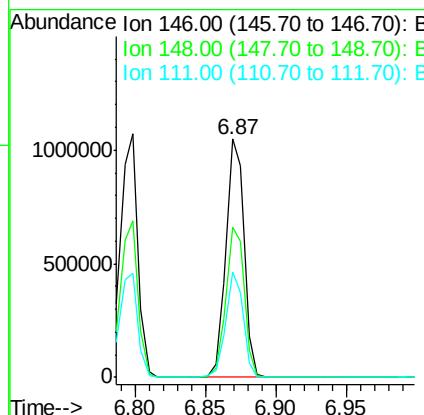
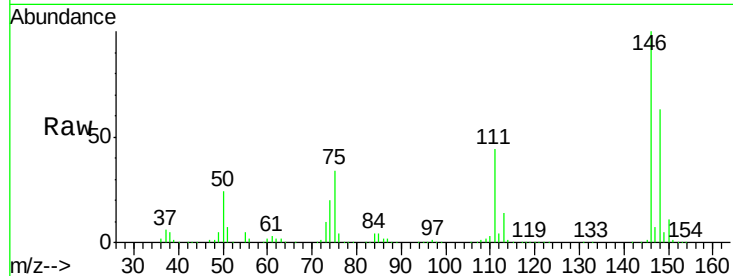
#13
 1,4-Dichlorobenzene
 Concen: 40.718 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	939416		
148	62.8	50.2	75.2	
111	44.1	35.8	53.6	

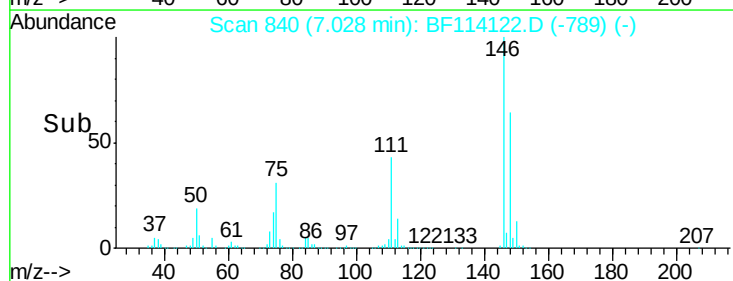
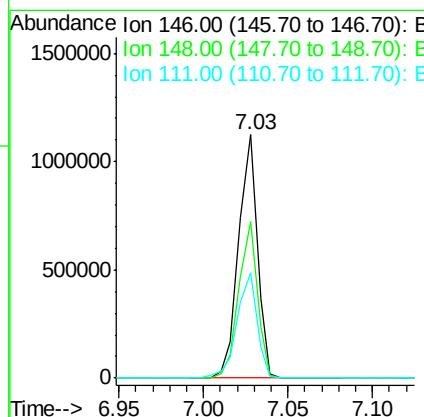
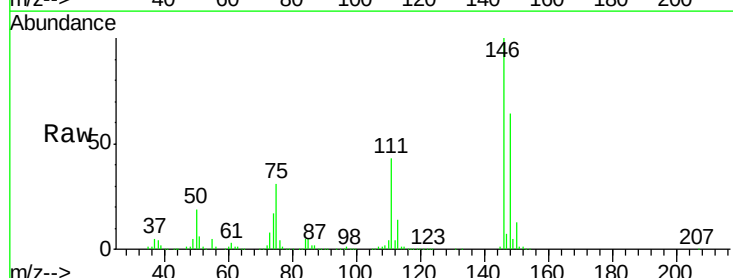
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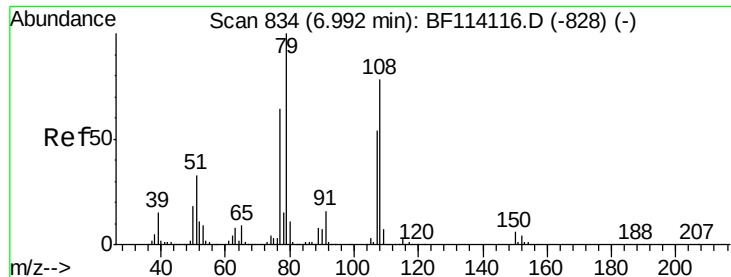
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.176 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	867909		
148	64.1	51.1	76.7	
111	43.5	35.3	52.9	





#15

Benzyl Alcohol

Concen: 41.187 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

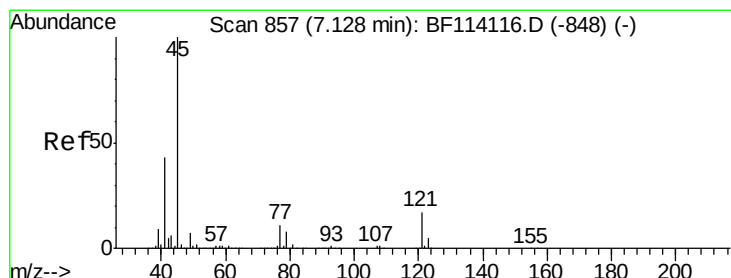
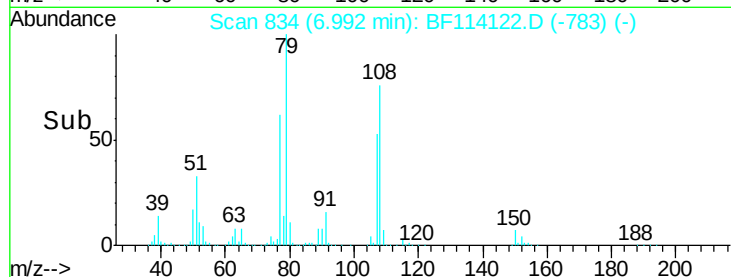
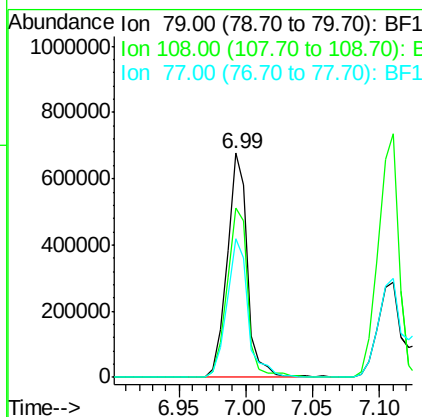
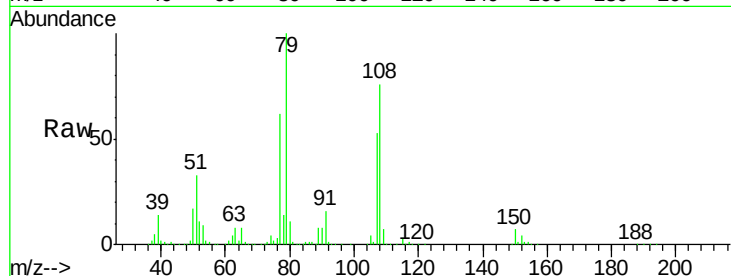
ClientSampleId :

ICVBF051019

Tgt Ion:	79	Resp:	725907
Ion Ratio	Lower	Upper	
79	100		
108	75.7	62.1	93.1
77	61.9	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.734 ng

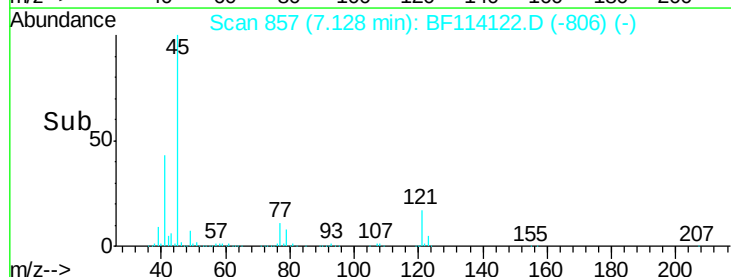
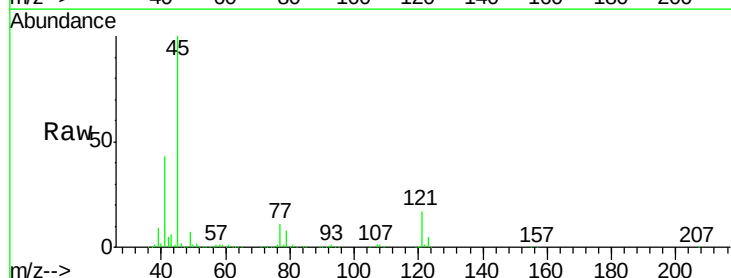
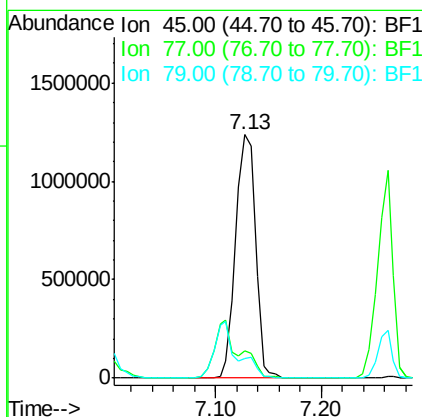
RT: 7.13 min Scan# 857

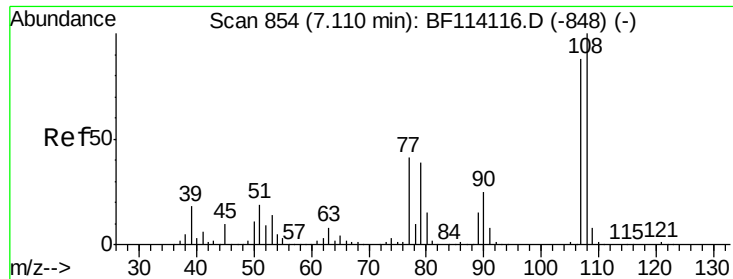
Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:	45	Resp:	1593942
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	31.1
79	8.2	0.0	28.4





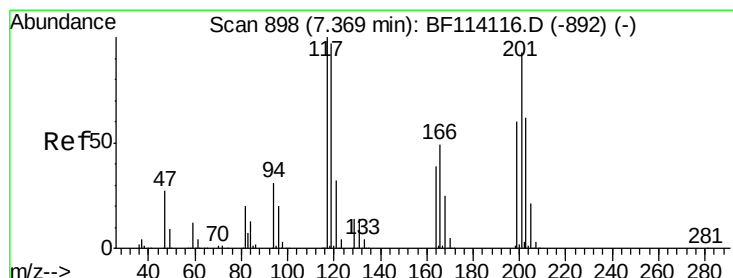
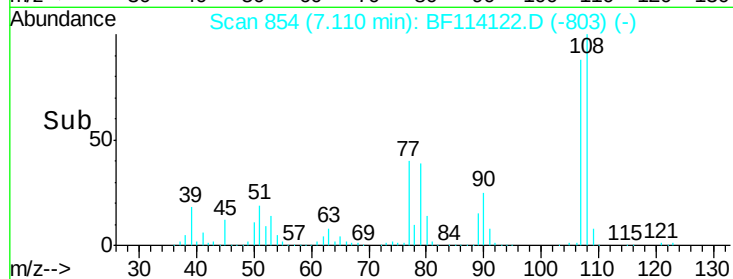
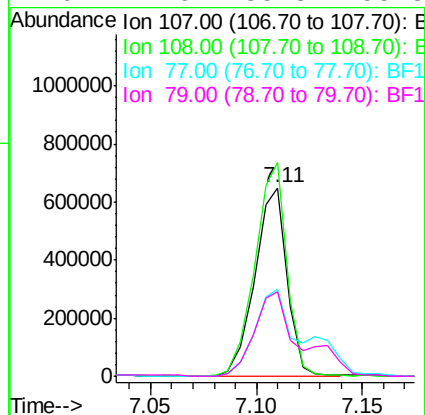
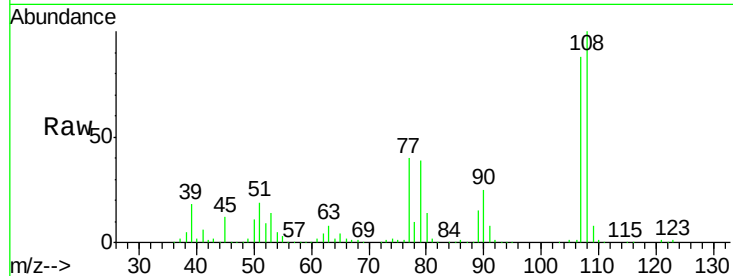
#17
2-Methylphenol
Concen: 40.712 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion:	107	Resp:	682127
Ion Ratio	Lower	Upper	
107	100		
108	113.4	90.5	135.7
77	45.9	37.0	55.4
79	44.6	35.8	53.8

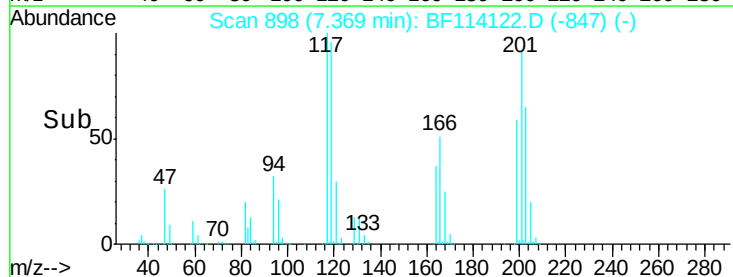
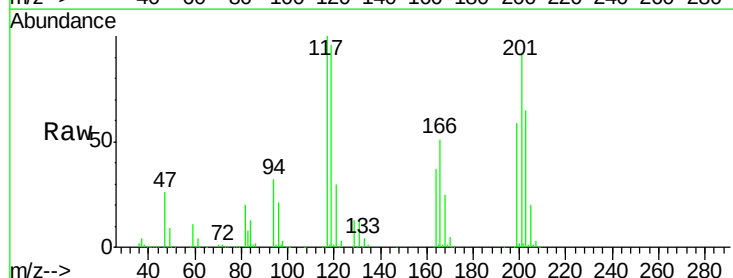
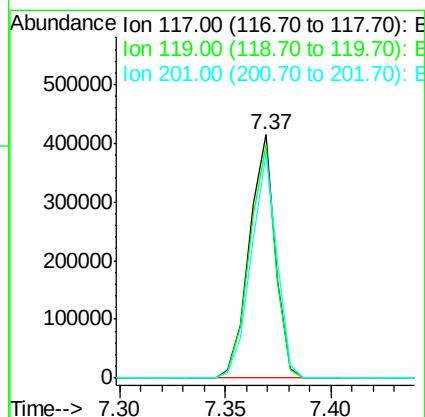
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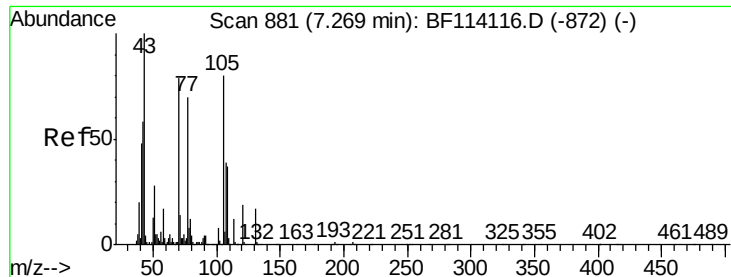
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#18
Hexachloroethane
Concen: 40.647 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:	117	Resp:	352009
Ion Ratio	Lower	Upper	
117	100		
119	96.1	77.4	116.2
201	92.3	74.5	111.7





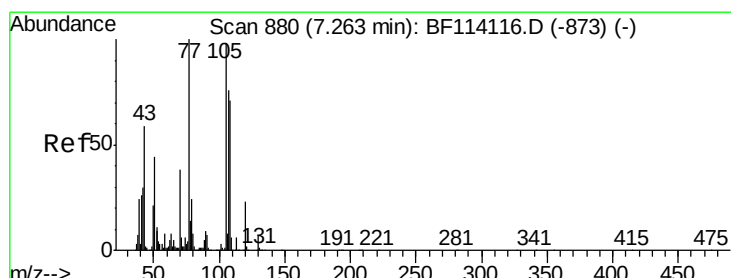
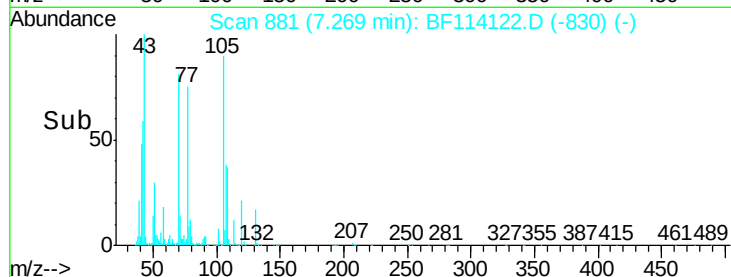
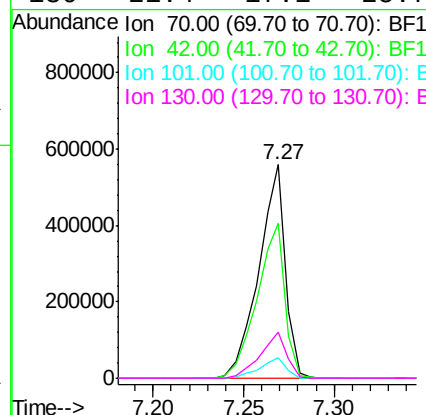
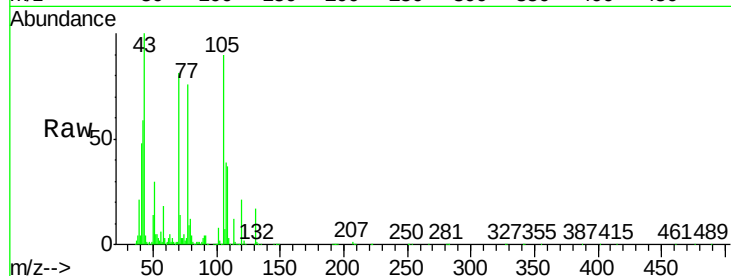
#19
n-Nitroso-di-n-propylamine
Concen: 39.797 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.6	87.8
101	9.5	7.8	11.8
130	21.4	17.1	25.7

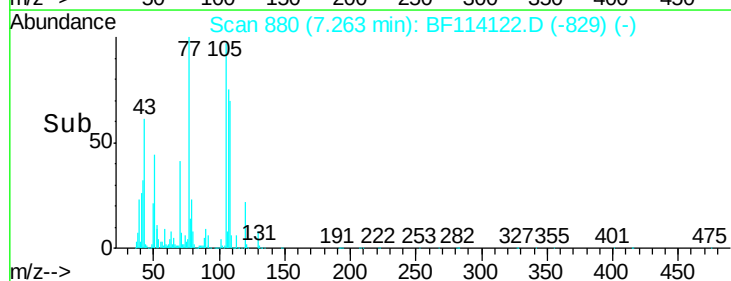
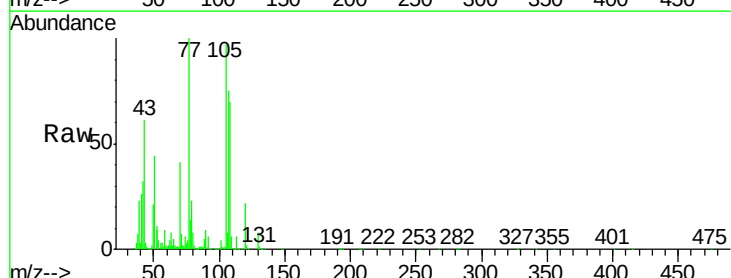
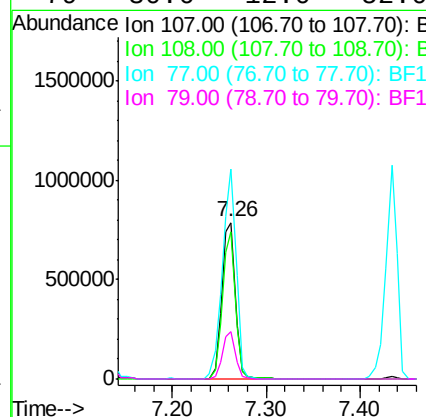
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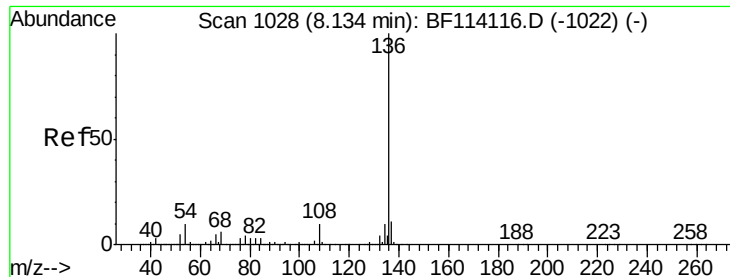
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#20
3+4-Methylphenols
Concen: 41.155 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	73.8	113.8
77	133.8	111.5	151.5
79	30.6	12.0	52.0





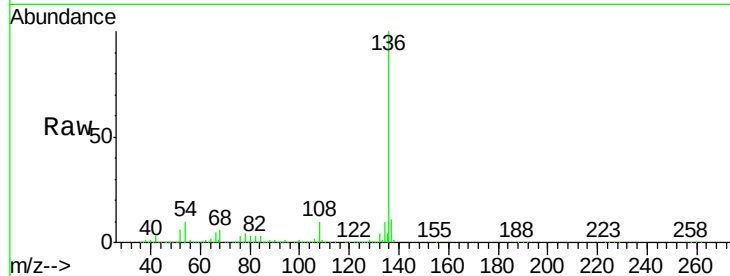
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

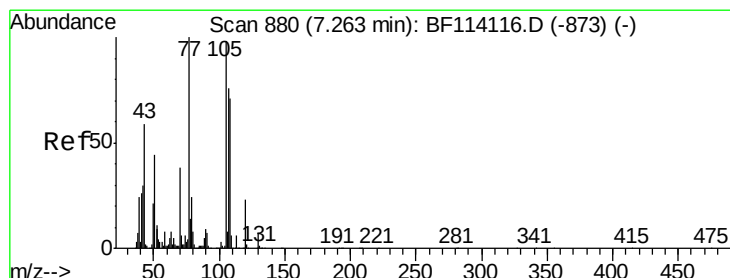
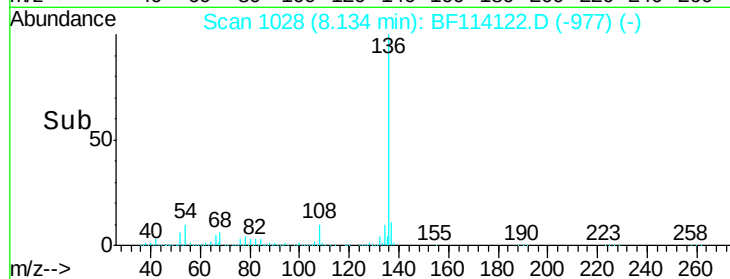
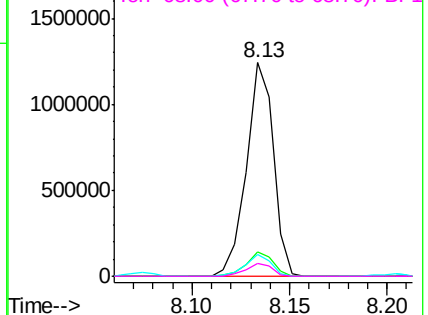
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	1194273		
137	11.3		8.8	13.2
54	10.0		7.8	11.8
68	6.2		5.1	7.7

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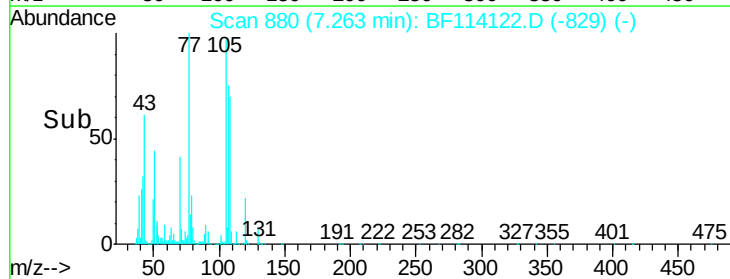
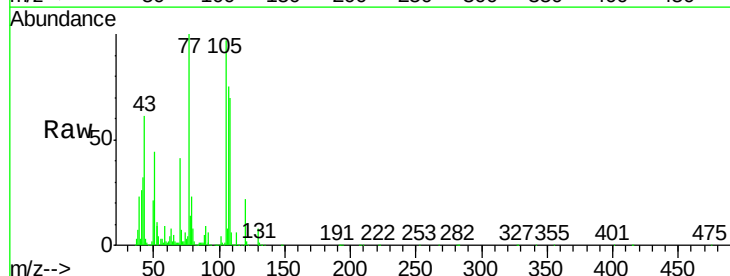
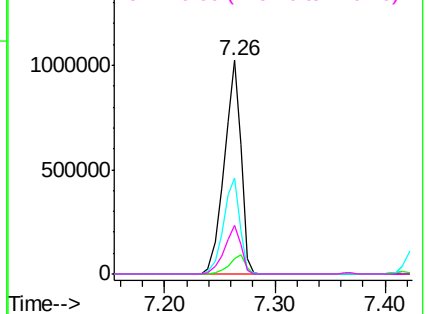
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

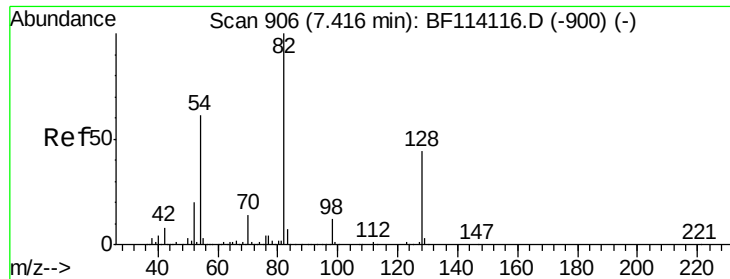


#22
Acetophenone
Concen: 40.858 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1080991		
71	7.1		5.3	7.9
51	45.2		36.2	54.4
120	22.6		18.6	28.0

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





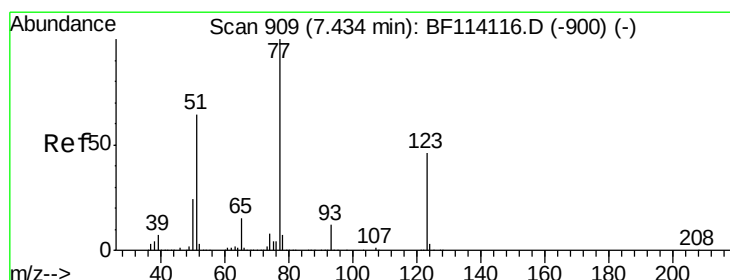
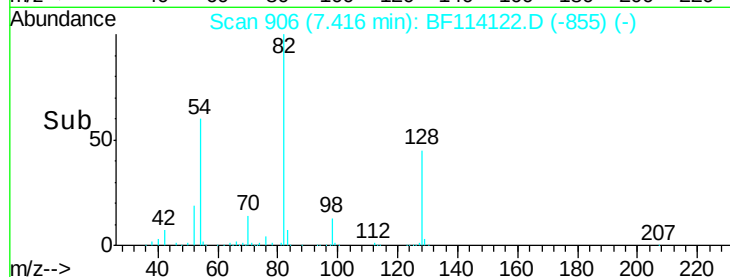
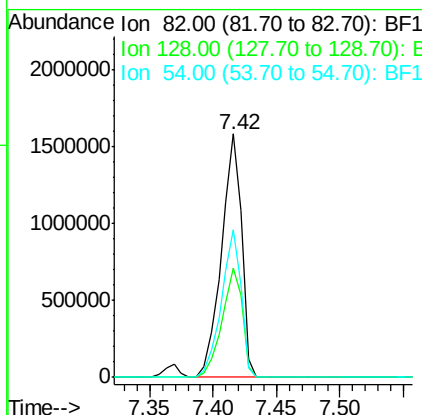
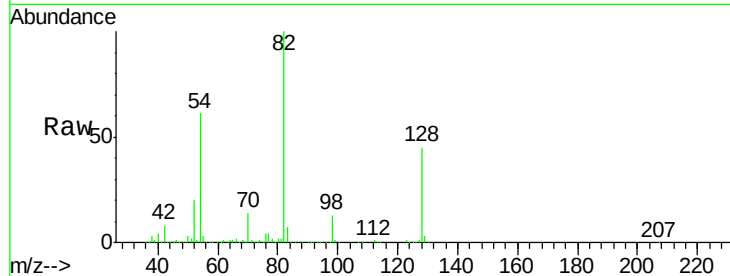
#23
 Nitrobenzene-d5
 Concen: 81.724 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	60.5	48.5	72.7

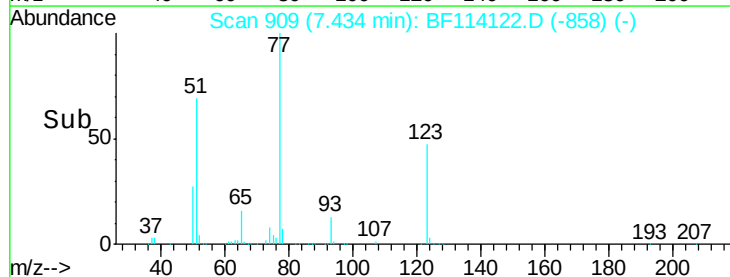
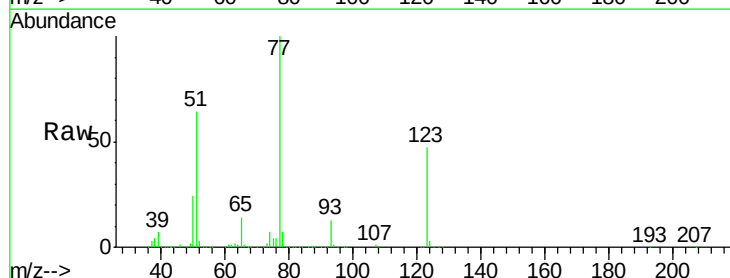
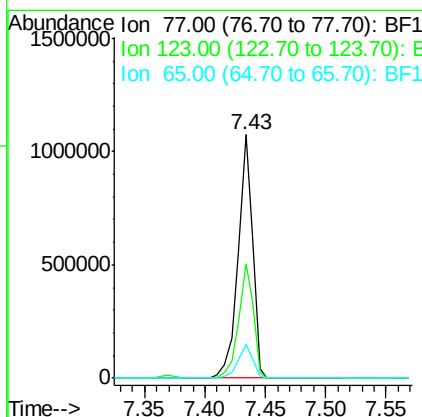
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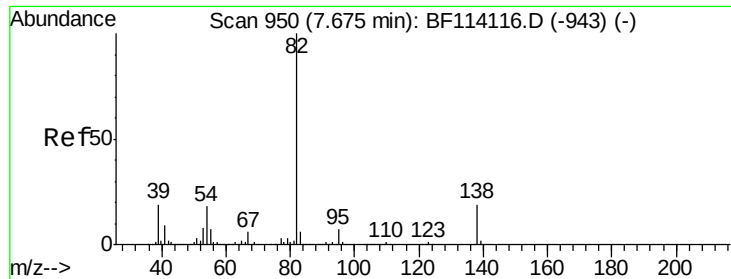
Sohil
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#24
 Nitrobenzene
 Concen: 41.704 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	36.9	55.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 40.008 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

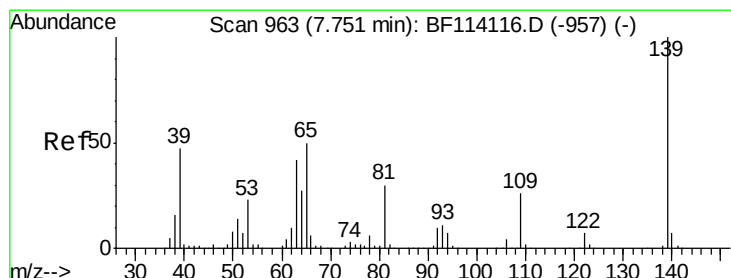
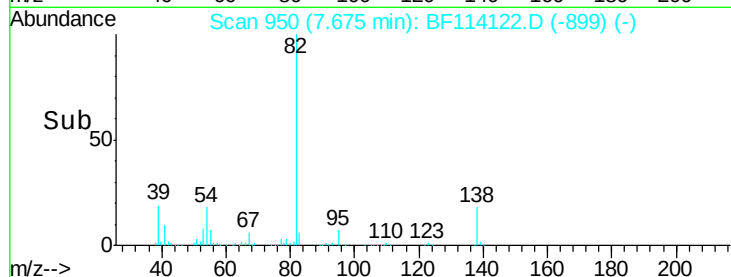
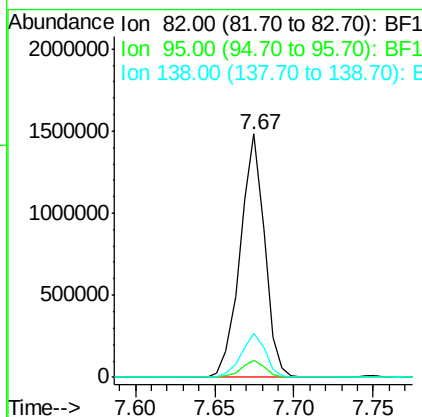
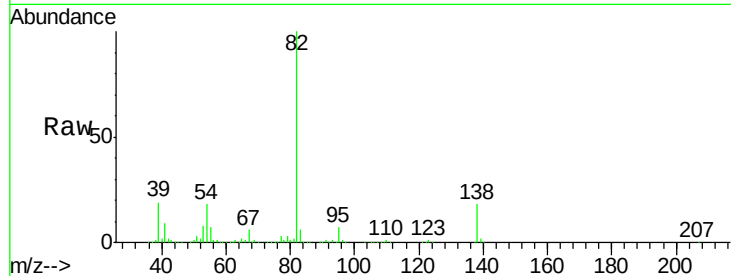
ClientSampleId :

ICVBF051019

Tgt Ion:	82	Resp:	1579021
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.0	14.8	22.2

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#26

2-Nitrophenol

Concen: 41.628 ng

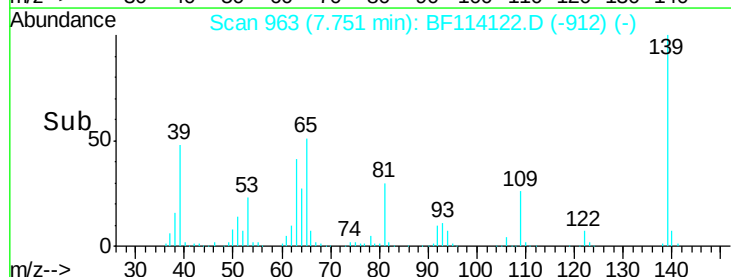
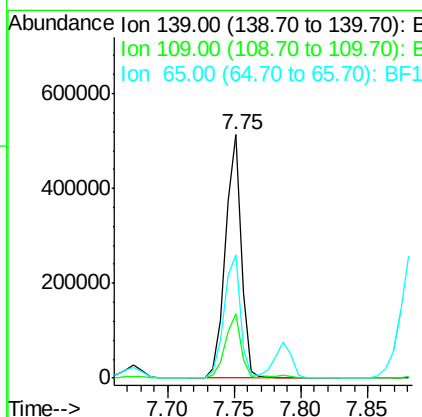
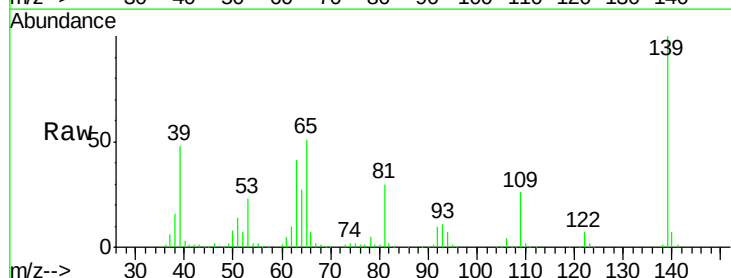
RT: 7.75 min Scan# 963

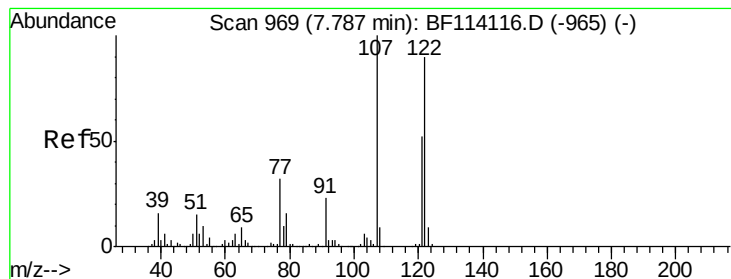
Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:	139	Resp:	437745
Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.7	31.1
65	50.8	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 40.391 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF114122.D

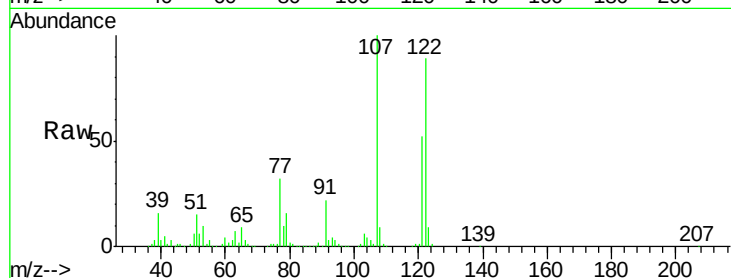
Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampled :

ICVBF051019



Tgt Ion: 122 Resp: 667084

Ion Ratio Lower Upper

122 100

107 111.9 88.4 132.6

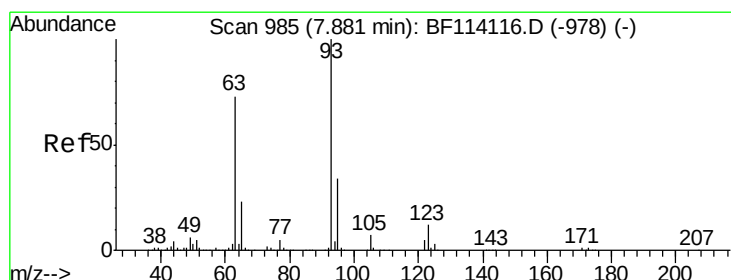
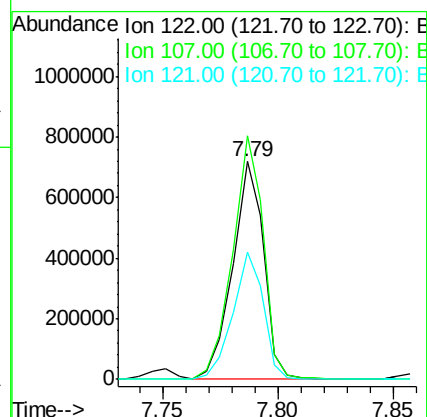
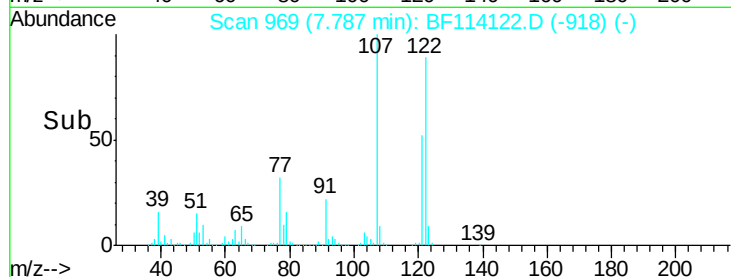
121 58.2 45.9 68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.595 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

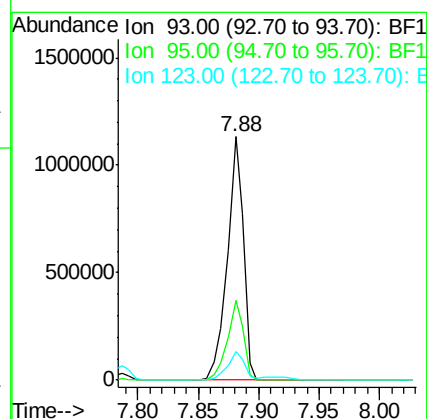
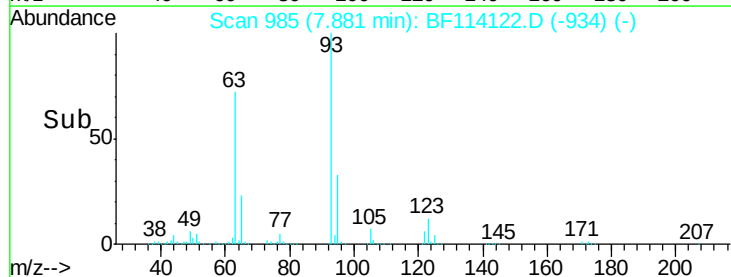
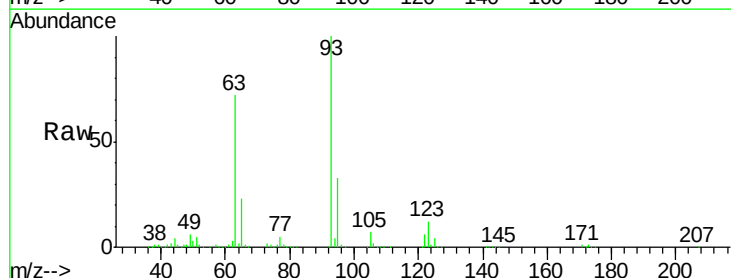
Tgt Ion: 93 Resp: 1039545

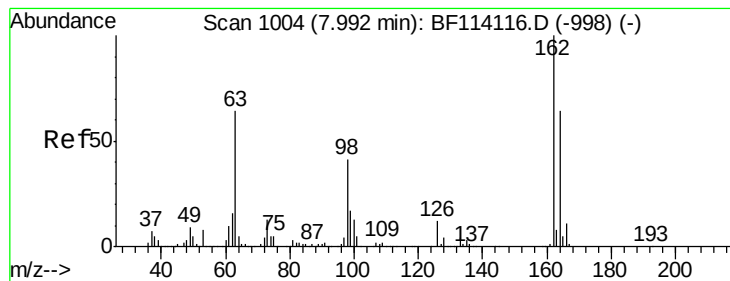
Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.090 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion:162 Resp: 675753
Ion Ratio Lower Upper

162 100

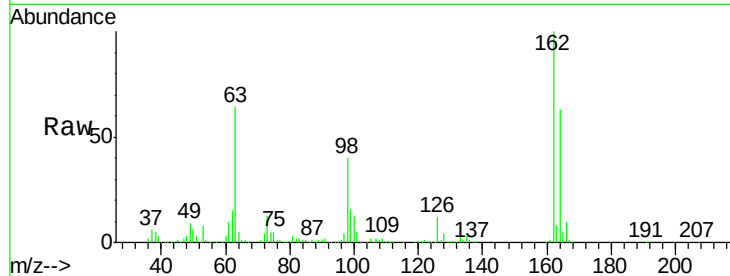
164 63.5 43.6 83.6

98 39.7 20.6 60.6

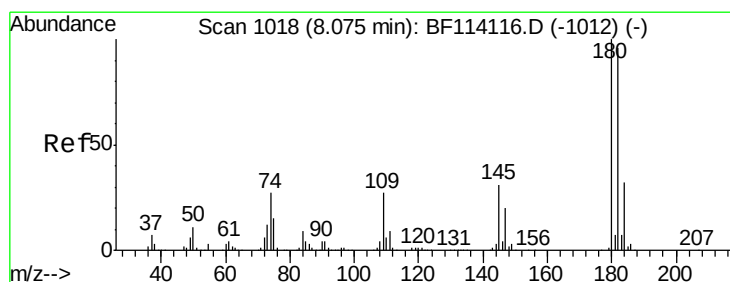
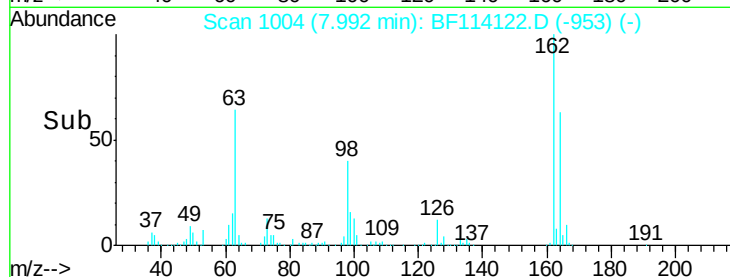
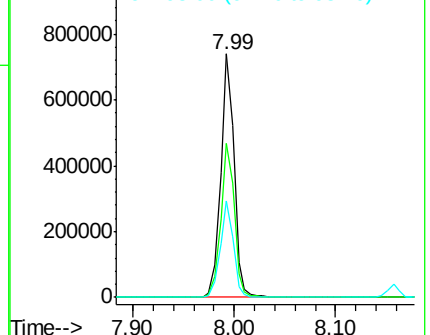
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.459 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF114122.D

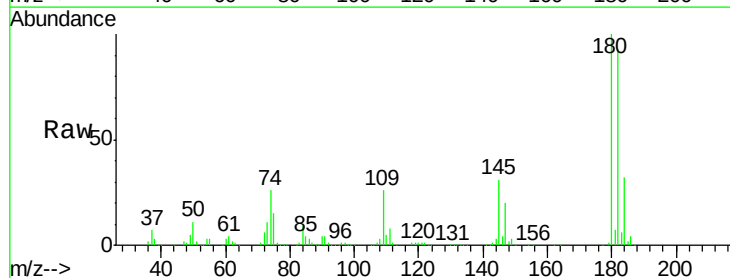
Acq: 10 May 2019 15:56

Tgt Ion:180 Resp: 775318
Ion Ratio Lower Upper

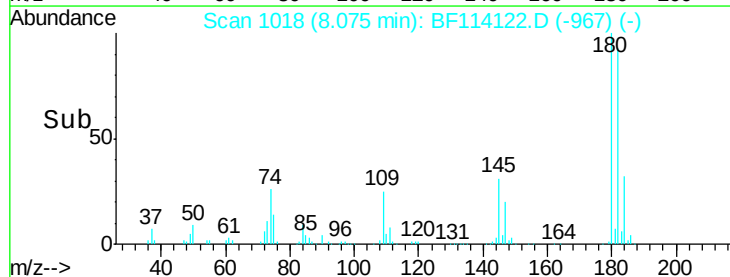
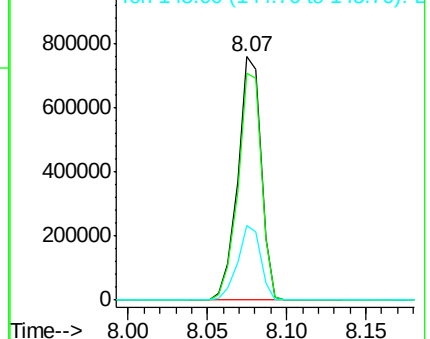
180 100

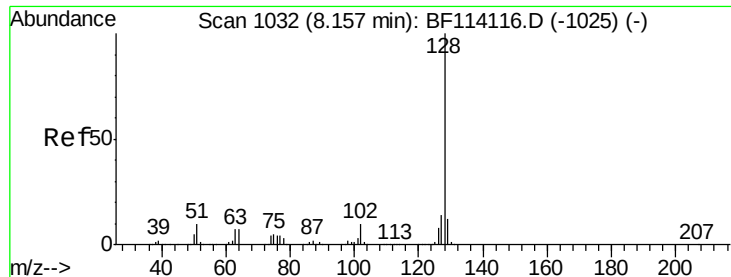
182 93.1 76.6 114.8

145 30.6 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





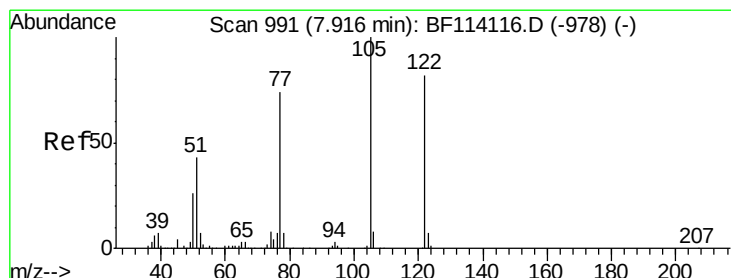
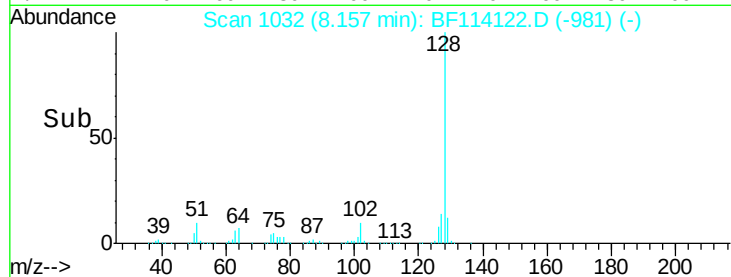
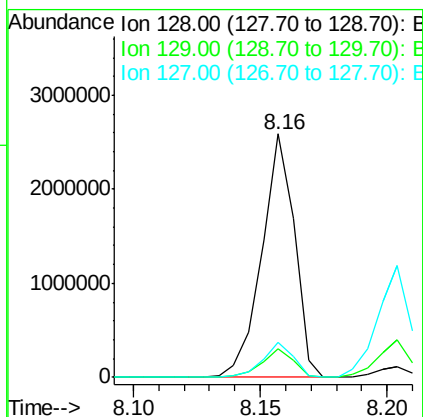
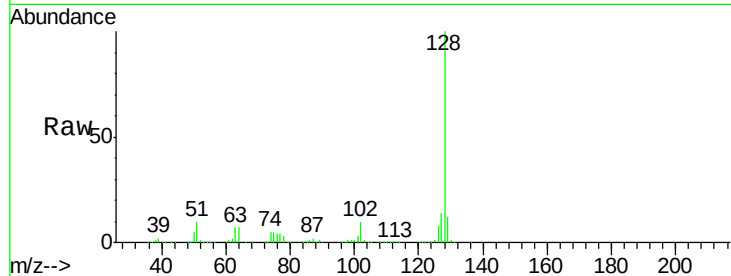
#31
Naphthalene
Concen: 41.558 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.2	11.3	16.9

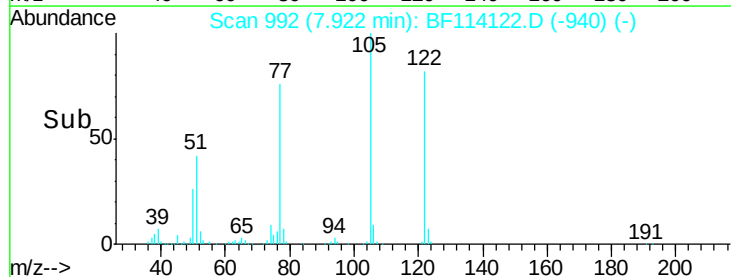
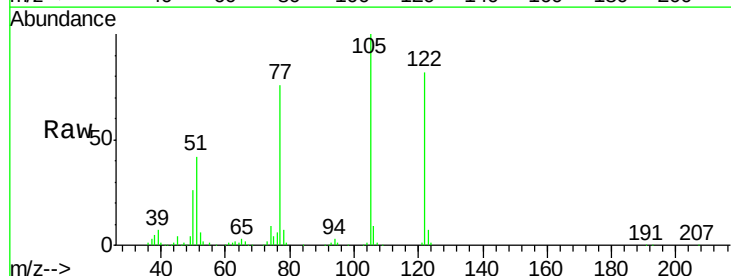
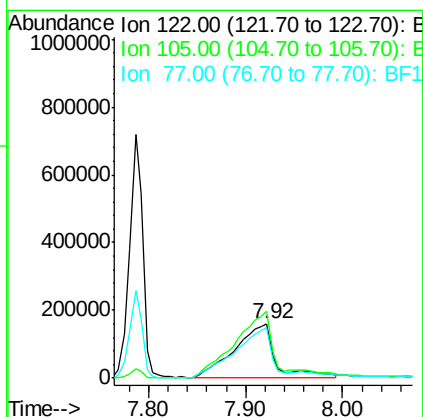
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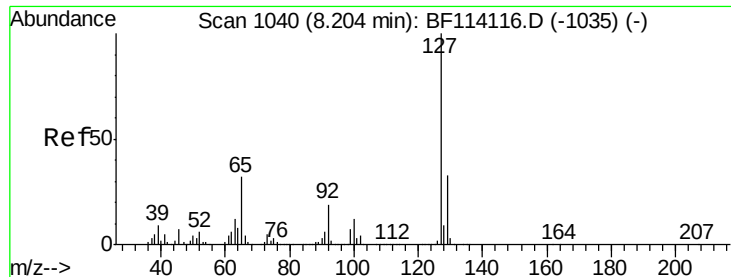
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#32
Benzoic acid
Concen: 39.906 ng m
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	99.9	139.9
77	92.1	69.4	109.4





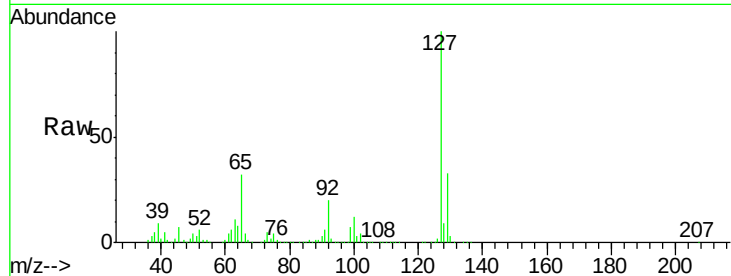
#33
4-Chloroaniline
Concen: 41.728 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

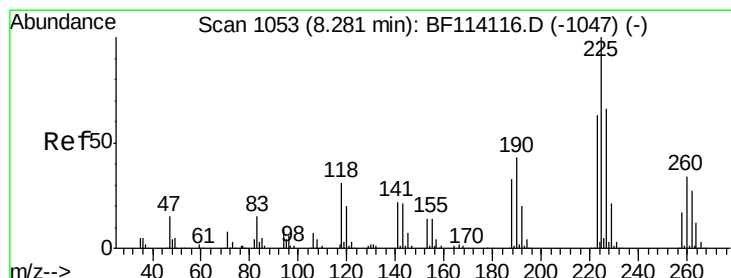
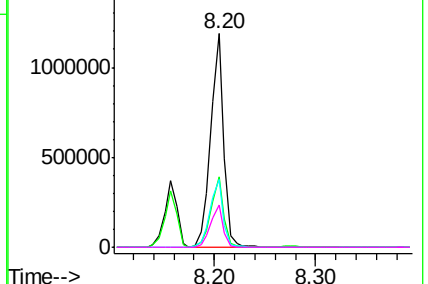
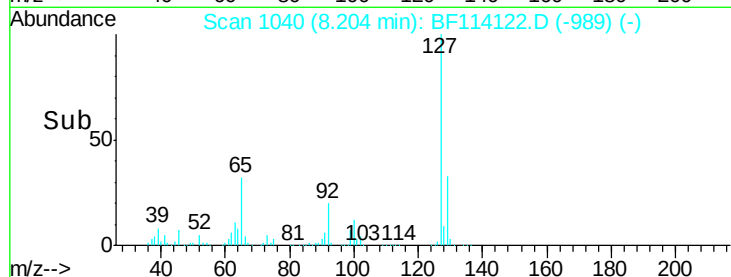
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	31.9	25.4	38.0
92	19.8	15.4	23.2

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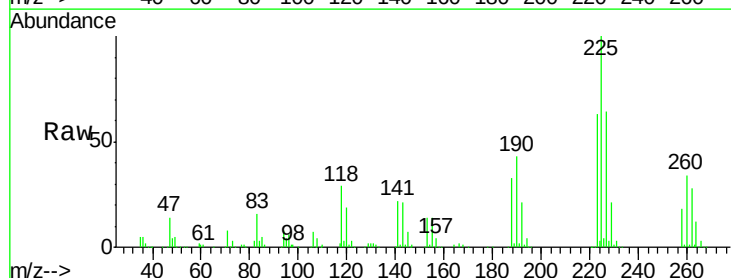


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

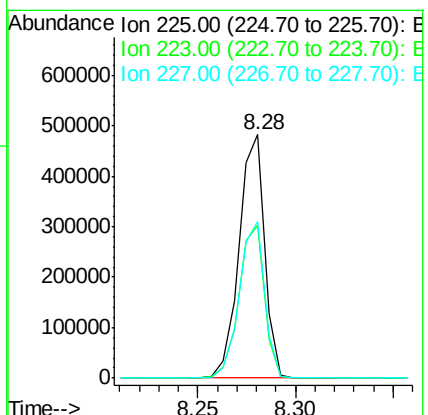
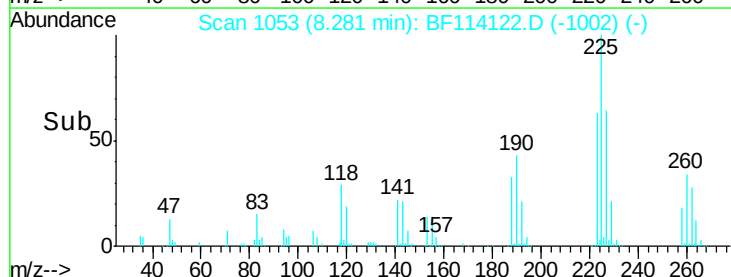


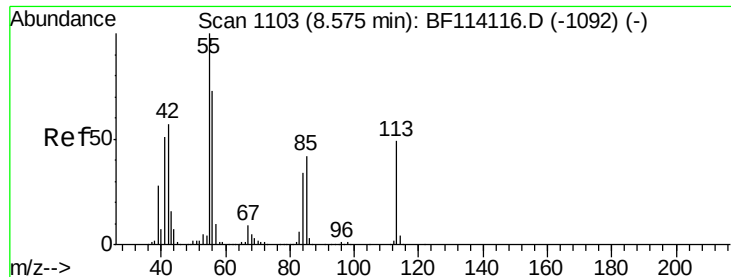
#34
Hexachlorobutadiene
Concen: 41.035 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	64.4	52.6	79.0



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





#35

Caprolactam

Concen: 43.943 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

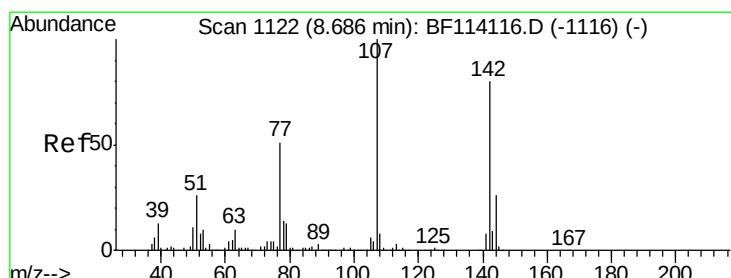
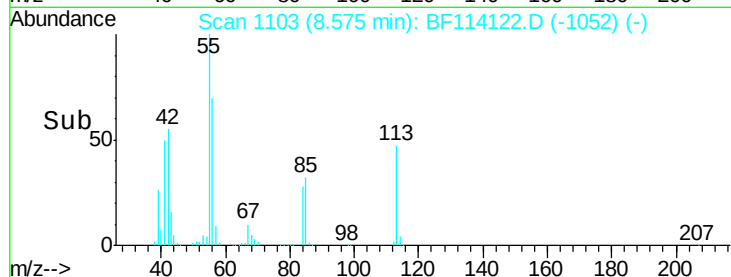
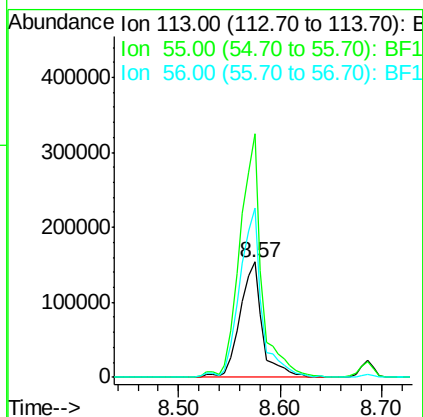
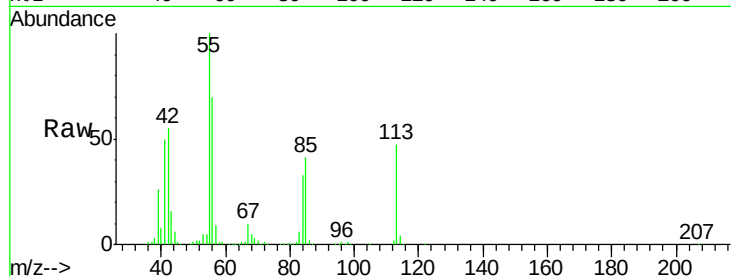
ClientSampleId :

ICVBF051019

Tgt Ion:	113	Resp:	235645
Ion Ratio	Lower	Upper	
113	100		
55	211.0	183.5	223.5
56	146.8	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 42.692 ng

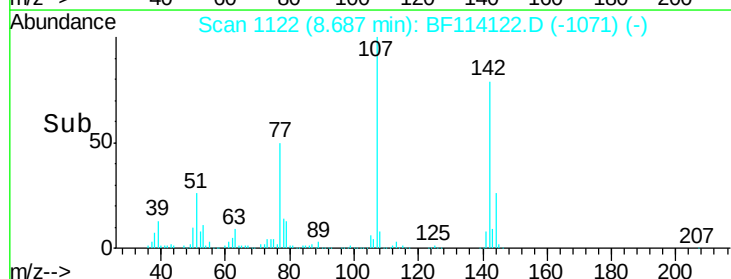
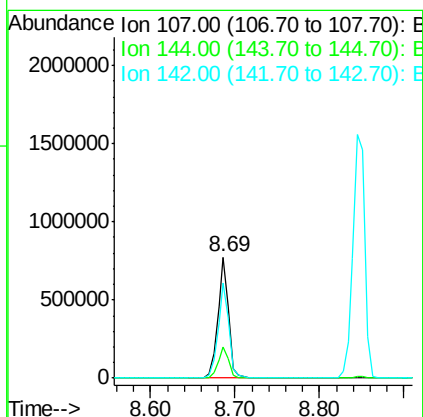
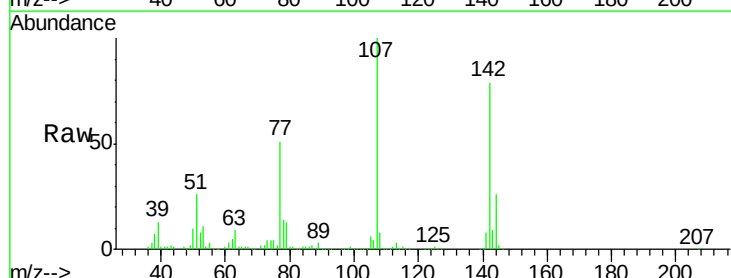
RT: 8.69 min Scan# 1122

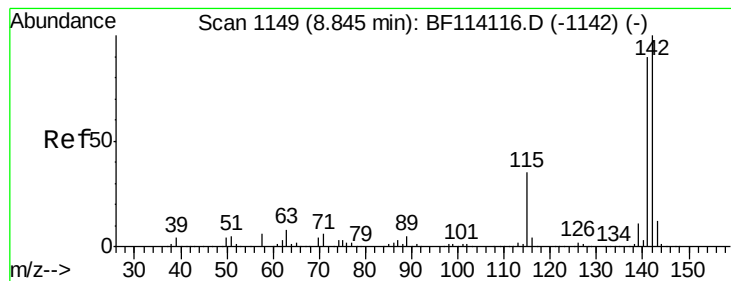
Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:	107	Resp:	706730
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.4	30.6
142	79.2	64.2	96.4





#37

2-Methylnaphthalene

Concen: 42.598 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion:142 Resp: 1533220

Ion Ratio Lower Upper

142 100

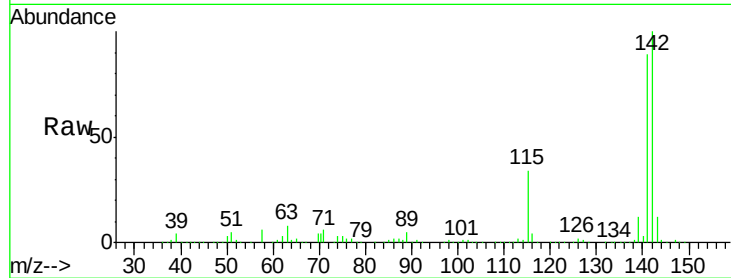
141 89.0 72.1 108.1

115 34.2 28.0 42.0

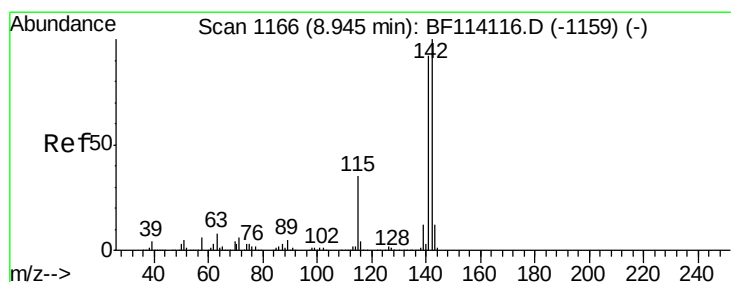
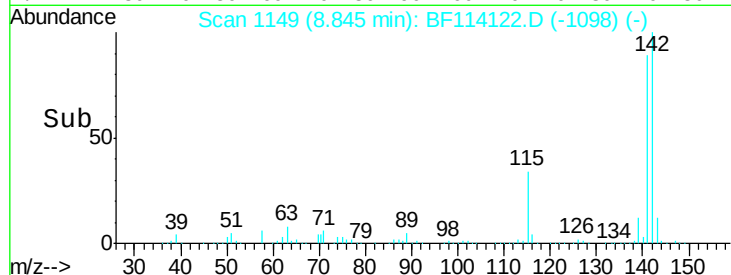
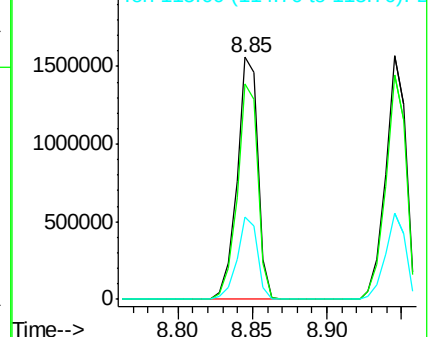
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.021 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

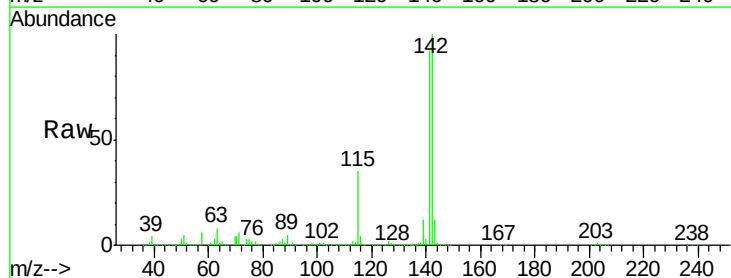
Tgt Ion:142 Resp: 1458222

Ion Ratio Lower Upper

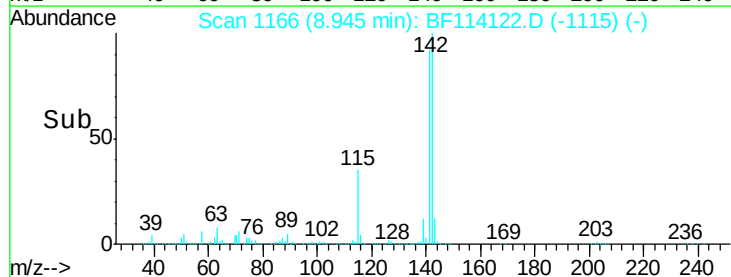
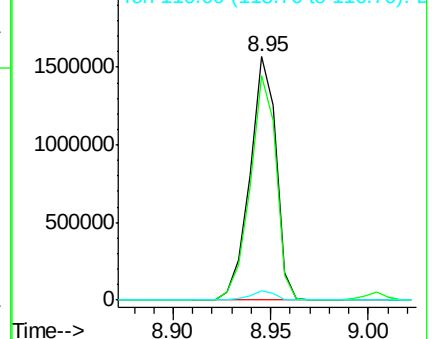
142 100

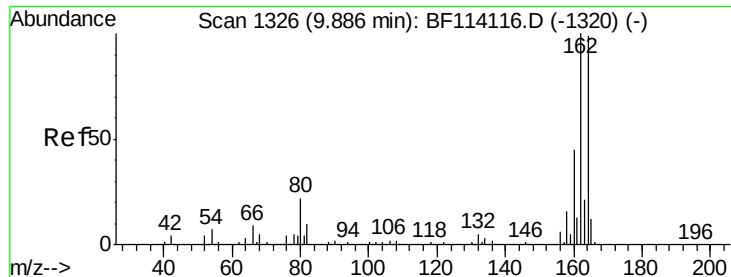
141 92.3 73.4 110.0

116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





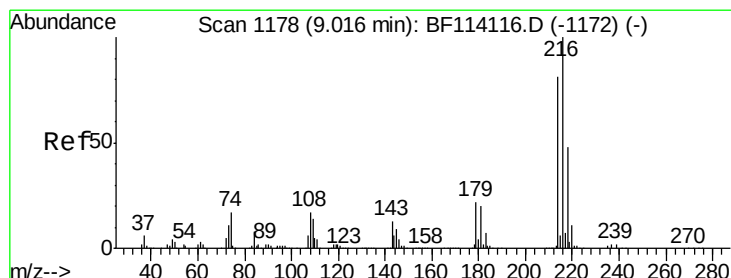
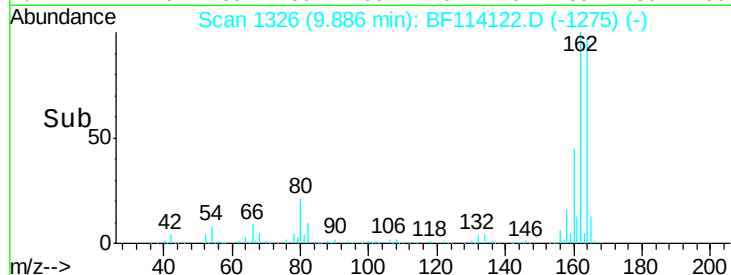
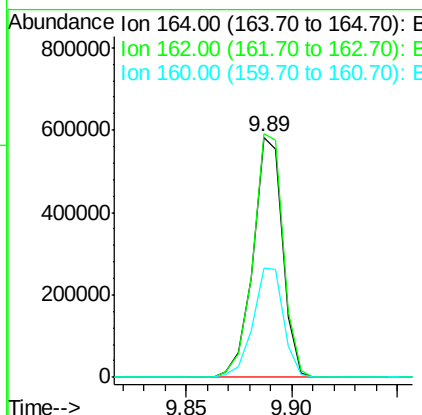
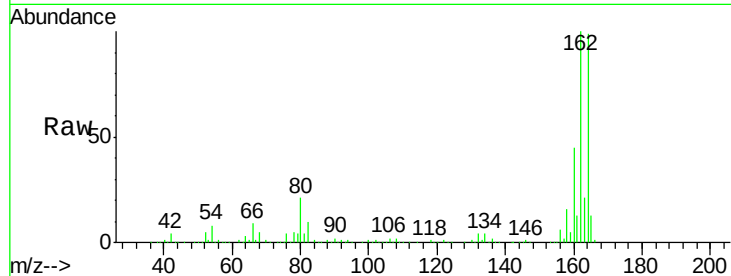
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	568145	80.6	120.8
160	45.6		36.5	54.7

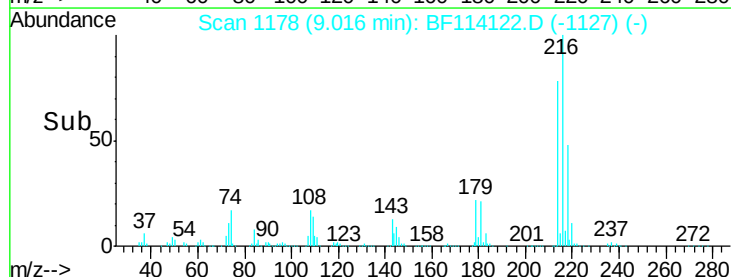
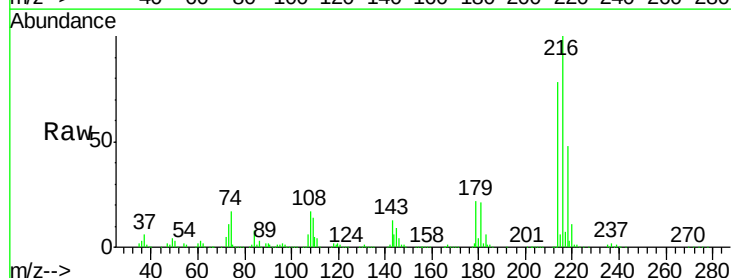
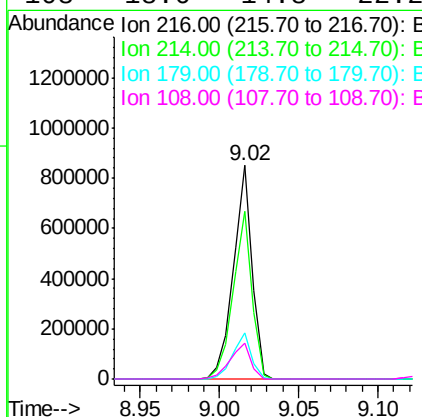
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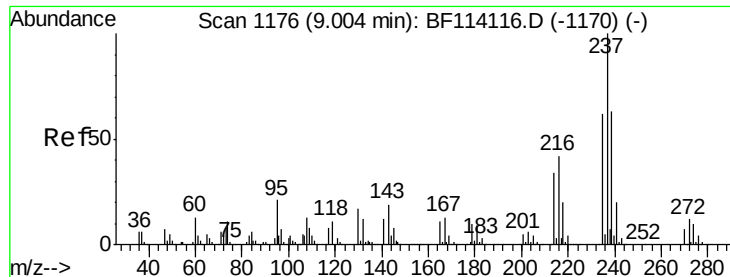
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.571 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	698246		
214	78.8		63.9	95.9
179	21.4		17.0	25.6
108	18.6		14.8	22.2





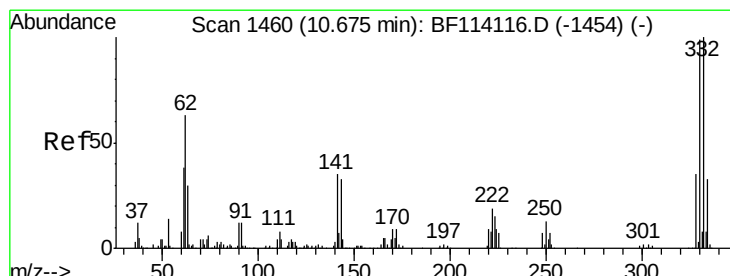
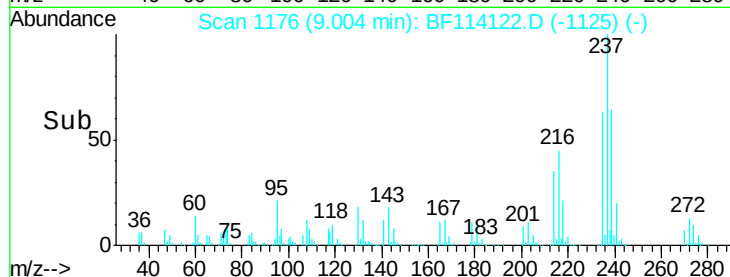
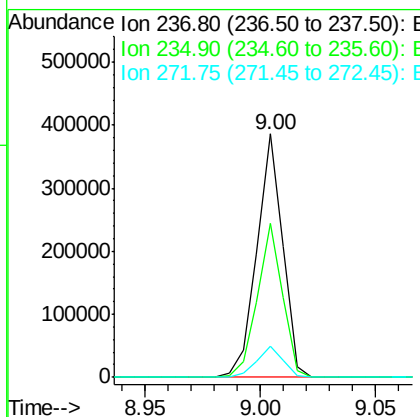
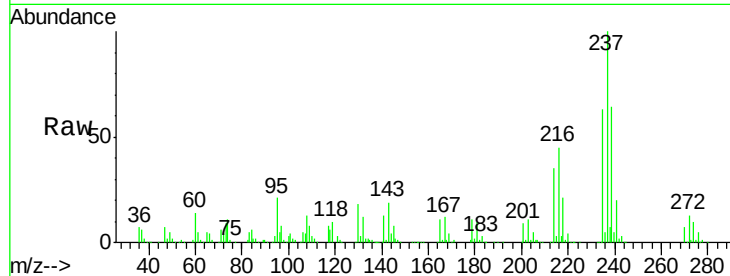
#41
Hexachlorocyclopentadiene
Concen: 40.042 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion:	237	Resp:	302748
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.0	82.0
272	12.8	0.0	32.4

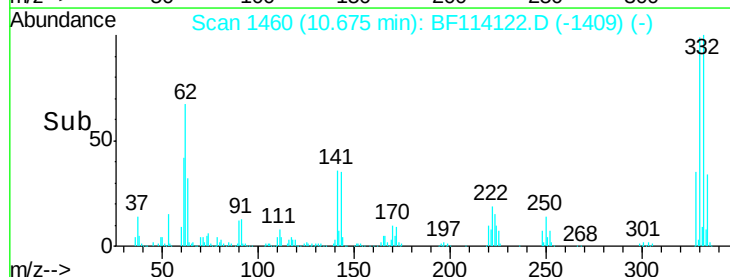
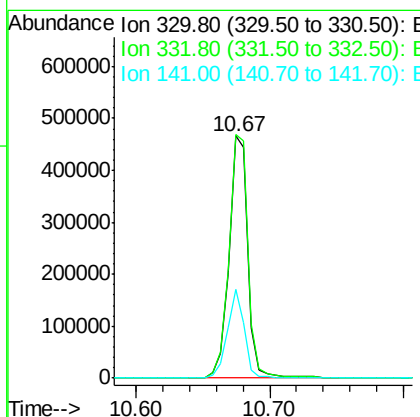
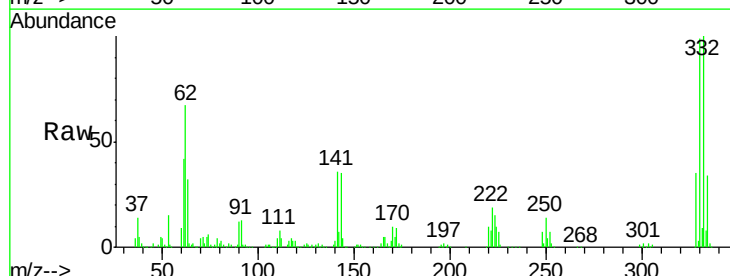
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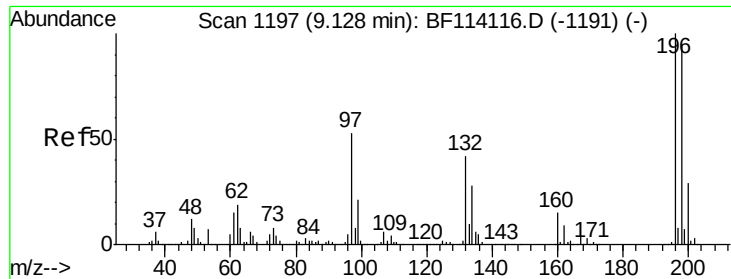
Sohil
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#42
2,4,6-Tribromophenol
Concen: 79.326 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:	330	Resp:	465937
Ion Ratio	Lower	Upper	
330	100		
332	102.6	81.4	122.2
141	33.1	26.6	40.0





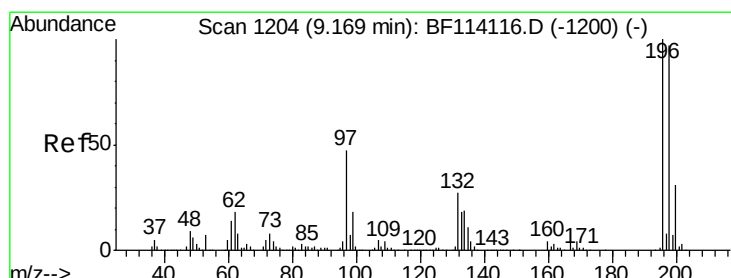
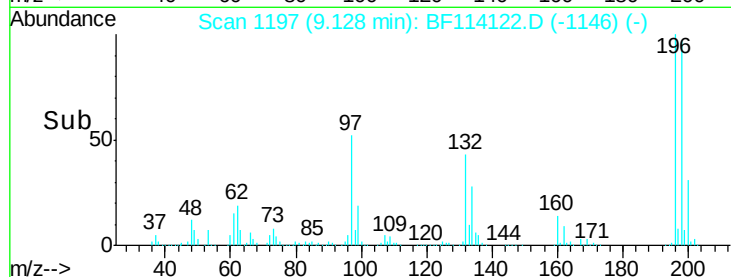
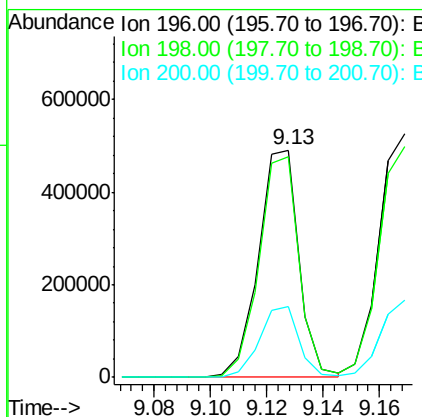
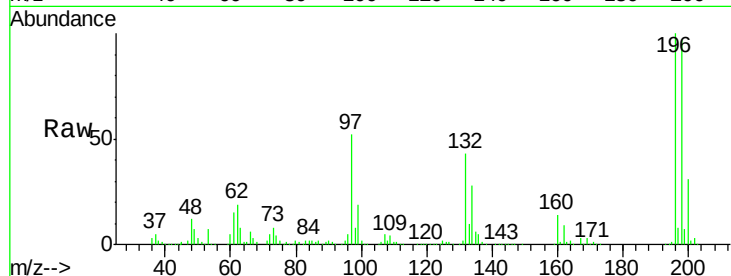
#43
 2,4,6-Trichlorophenol
 Concen: 41.037 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion:	196	Resp:	485781
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.9	113.9
200	31.2	23.5	35.3

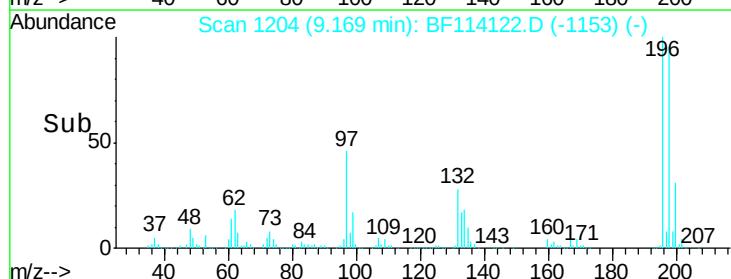
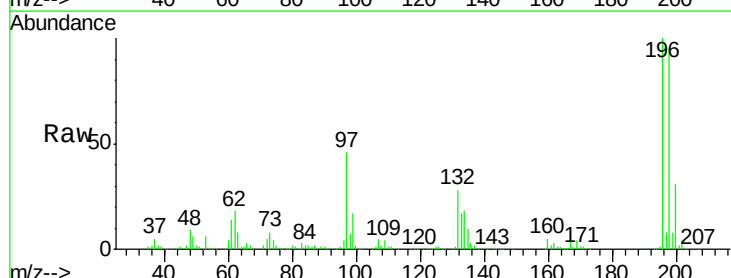
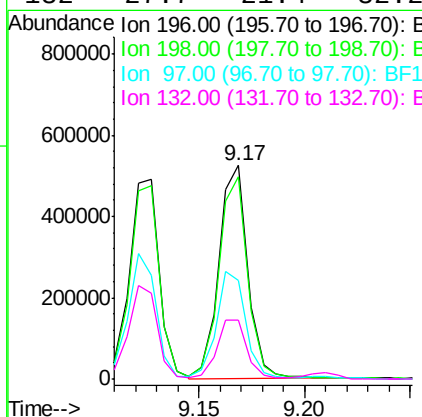
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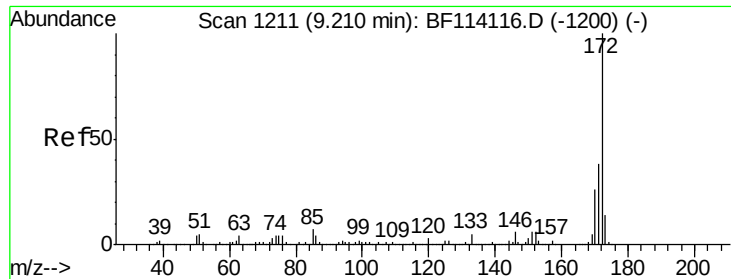
Sohil
 5/13/2019 8:34:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.704 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion:	196	Resp:	494157
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.7	116.5
97	46.2	38.2	57.2
132	27.7	21.4	32.2





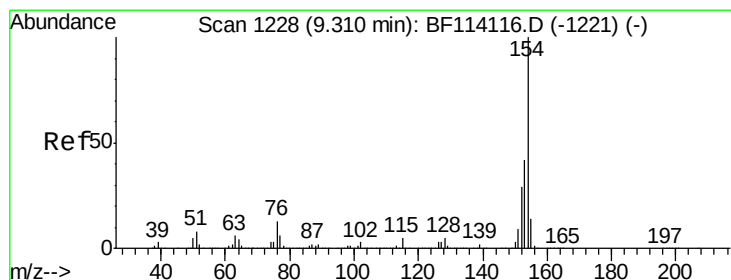
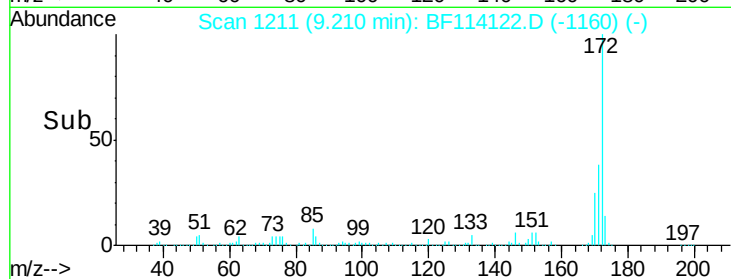
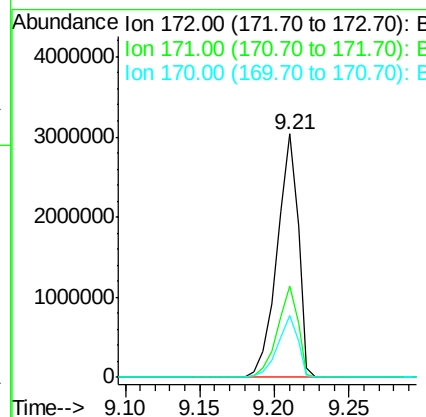
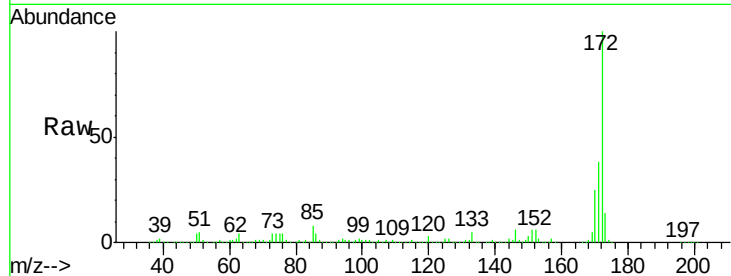
#45
2-Fluorobiphenyl
Concen: 79.093 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.7	46.1
170	25.5	20.5	30.7

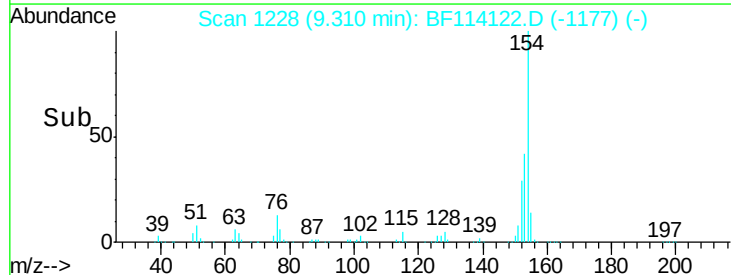
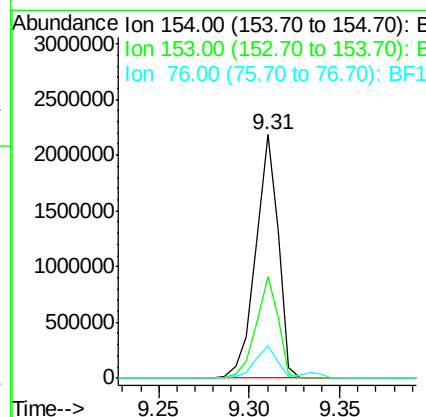
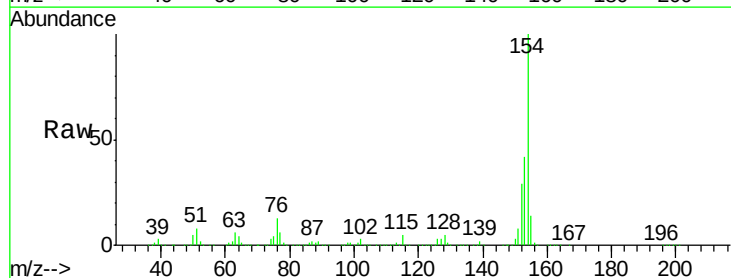
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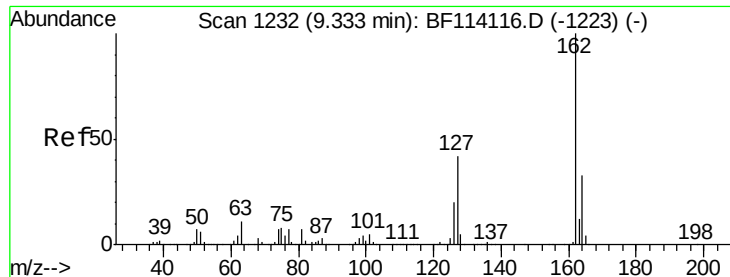
Sohil
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#46
1,1'-Biphenyl
Concen: 40.800 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.9	61.9
76	13.3	0.0	32.8





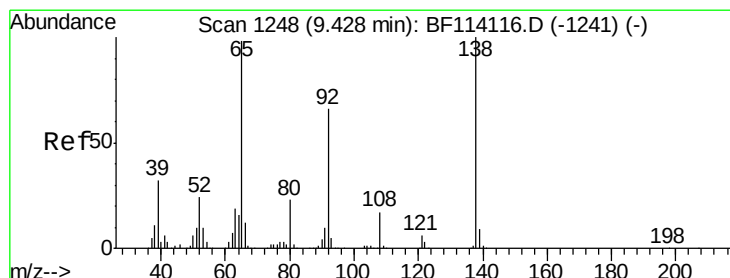
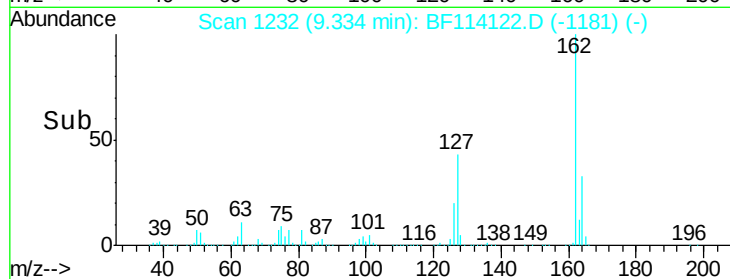
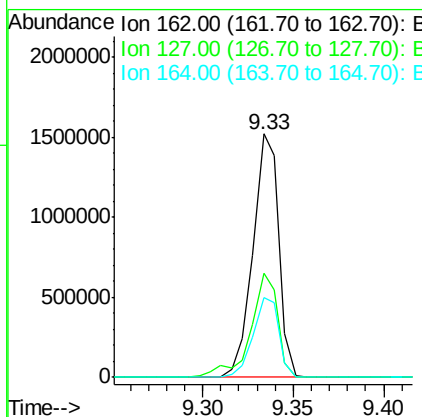
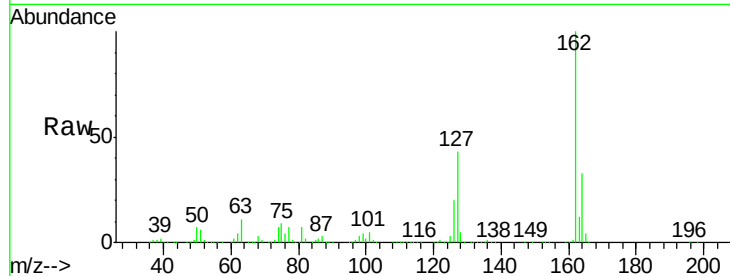
#47
 2-Chloronaphthalene
 Concen: 40.749 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.0	51.0
164	32.8	26.7	40.1

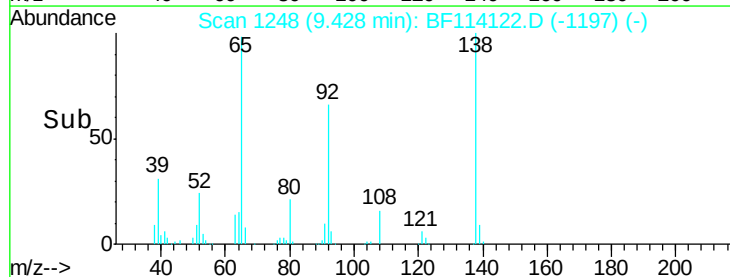
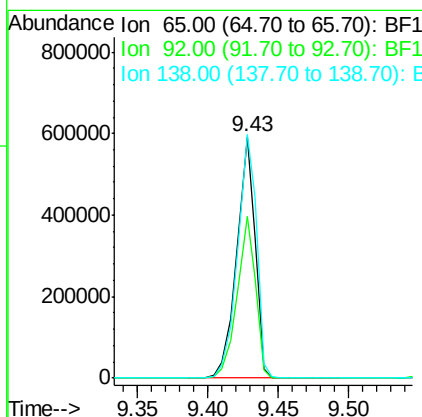
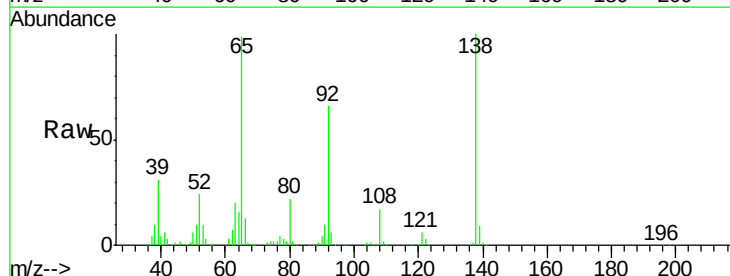
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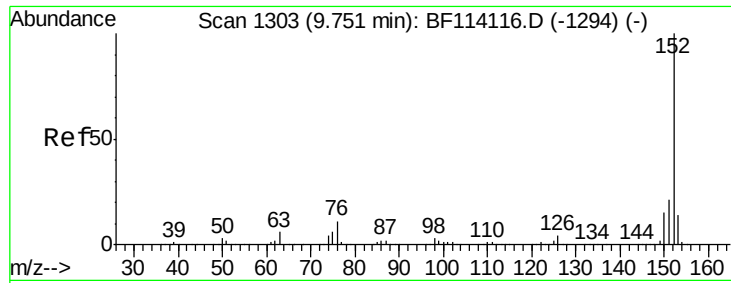
Sohil
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#48
 2-Nitroaniline
 Concen: 40.746 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.9	80.9
138	101.0	81.4	122.0





#49

Acenaphthylene

Concen: 41.312 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion:152 Resp: 2320957

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

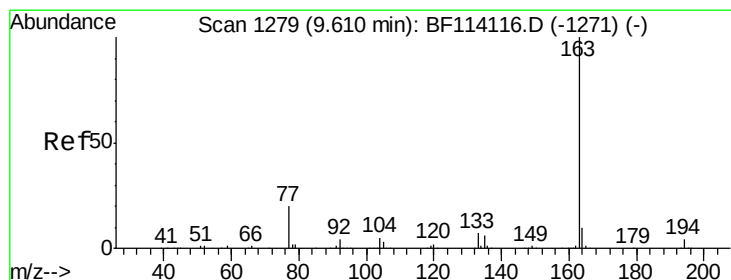
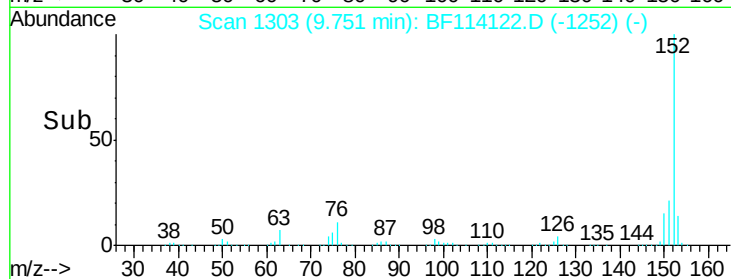
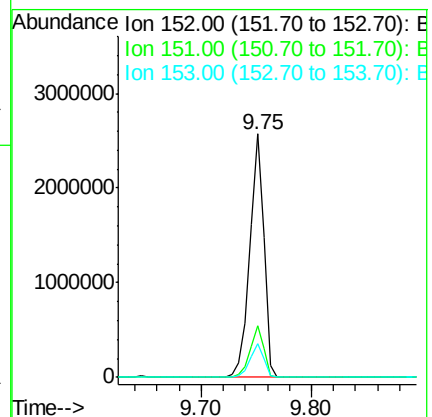
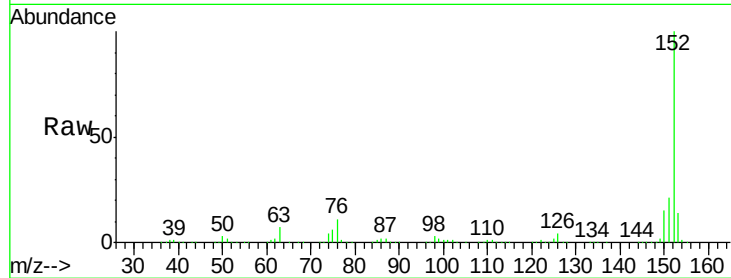
153 14.1 11.4 17.2

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#50

Dimethylphthalate

Concen: 40.295 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

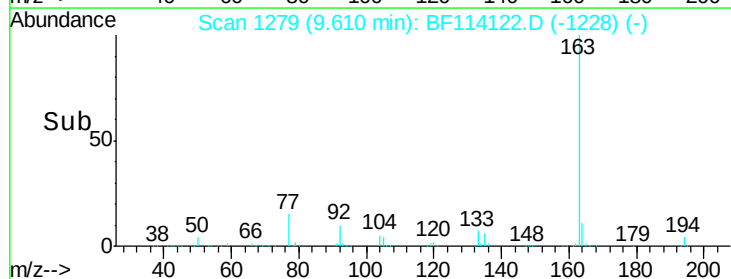
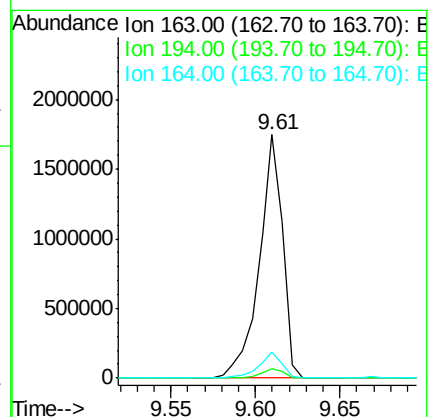
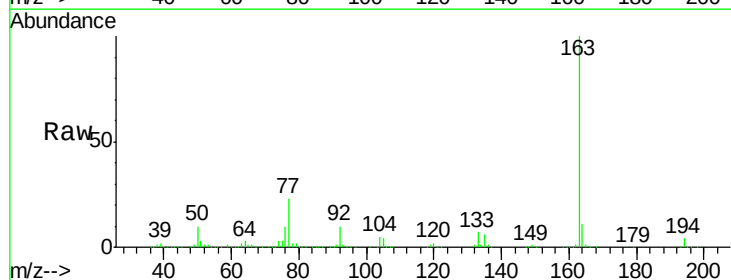
Tgt Ion:163 Resp: 1680596

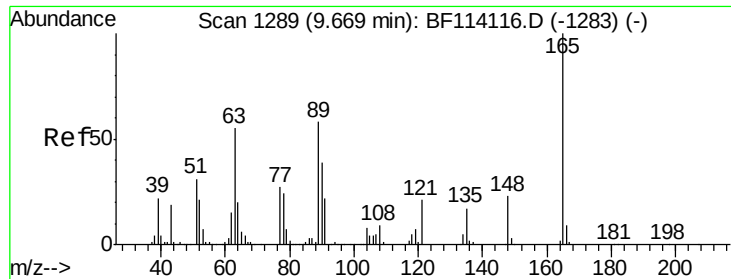
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.8 8.2 12.2





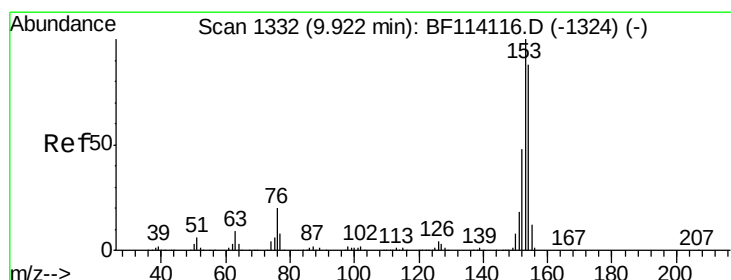
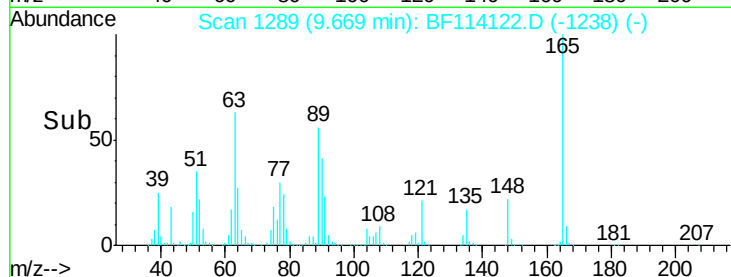
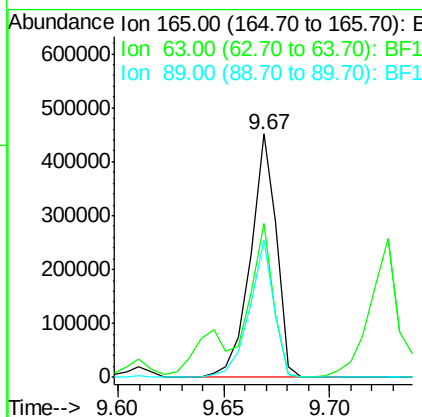
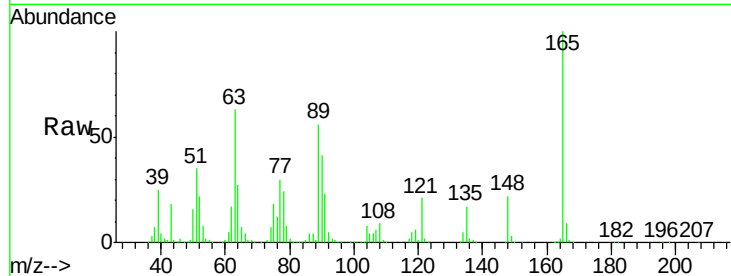
#51
2,6-Dinitrotoluene
Concen: 41.636 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	385158		
63	63.1	50.2	75.4	
89	56.2	46.6	69.8	

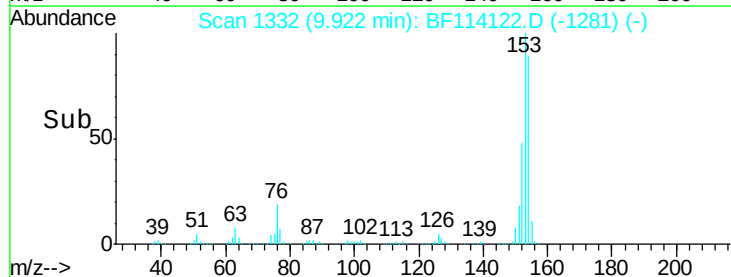
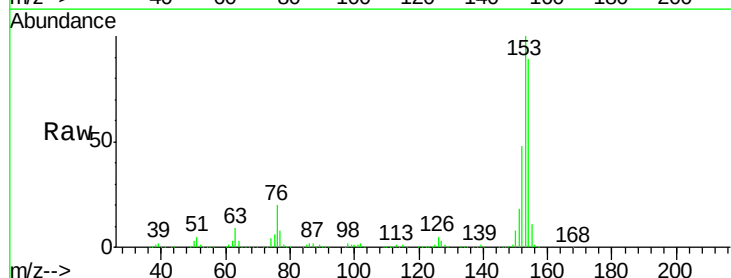
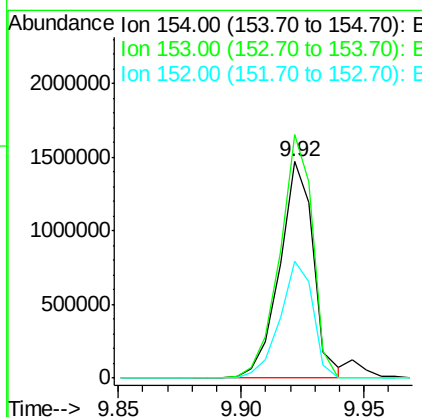
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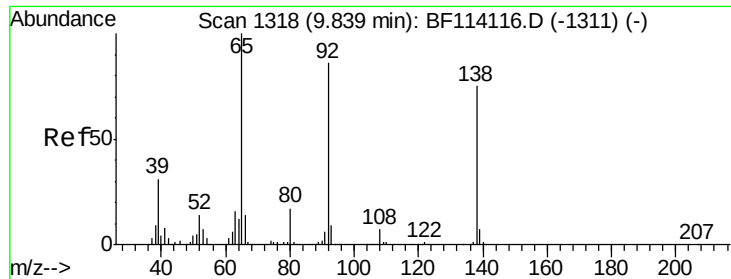
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#52
Acenaphthene
Concen: 41.210 ng m
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1420725		
153	112.4	90.5	135.7	
152	54.0	43.4	65.2	





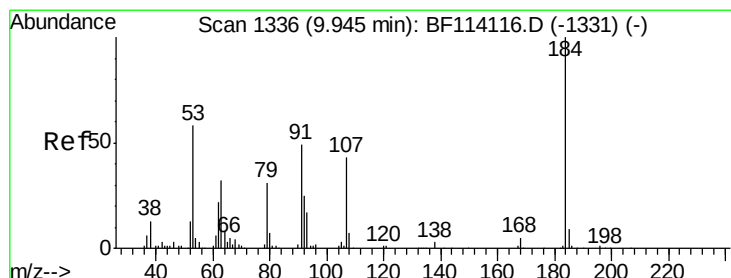
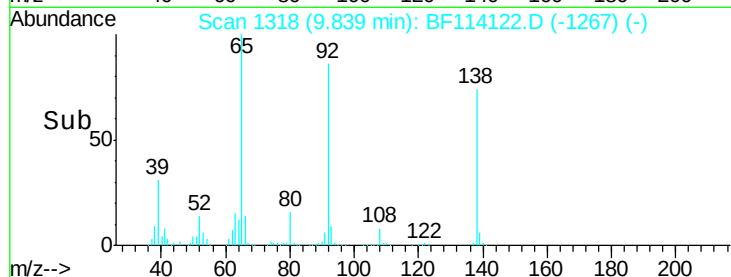
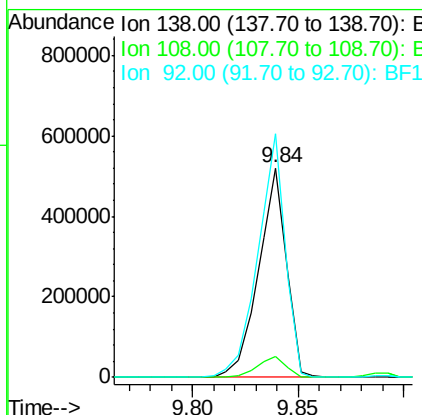
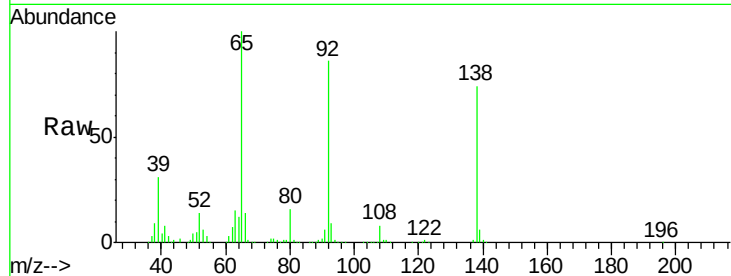
#53
 3-Nitroaniline
 Concen: 41.660 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	478393		
108	10.2	7.8	11.6	
92	116.3	91.2	136.8	

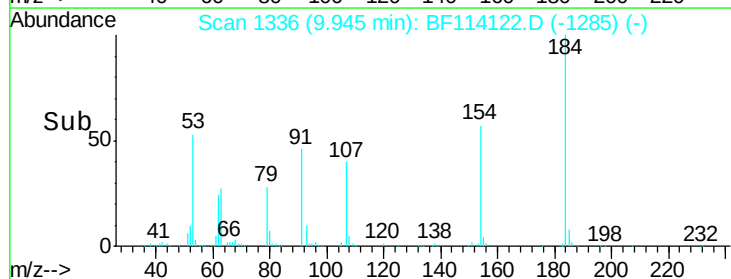
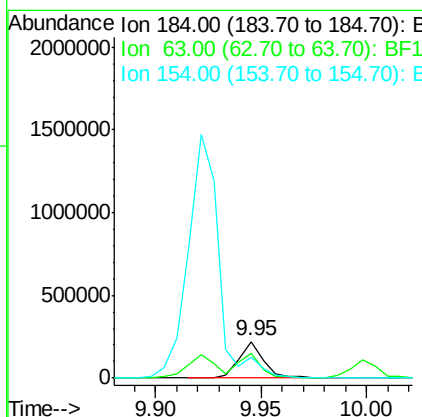
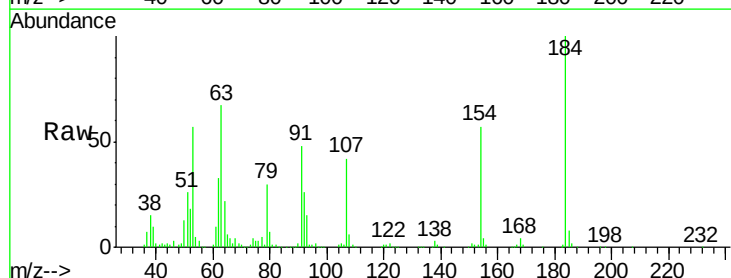
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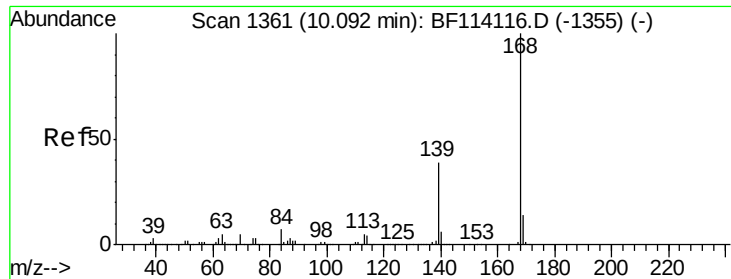
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#54
 2,4-Dinitrophenol
 Concen: 42.100 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	179596		
63	66.5	55.6	83.4	
154	57.0	46.0	69.0	





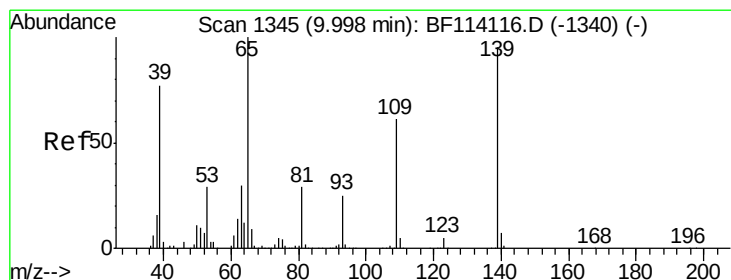
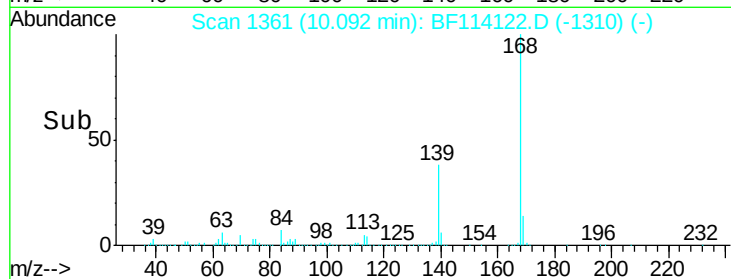
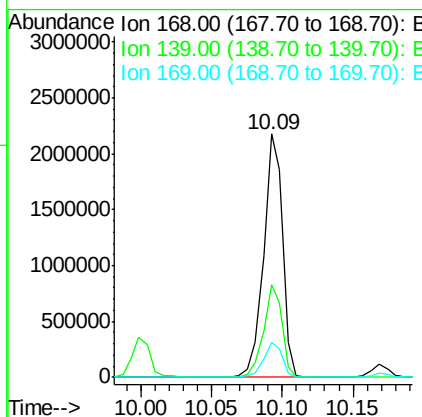
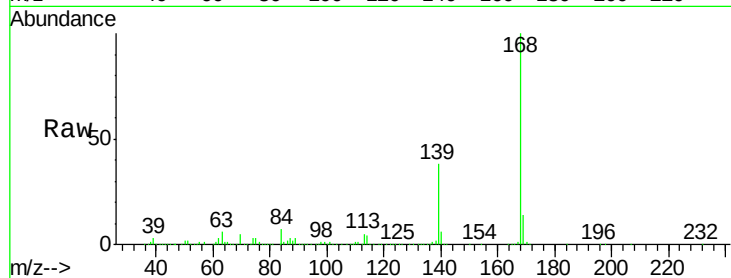
#55
Dibenzofuran
Concen: 40.879 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampled :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	14.1	11.4	17.0

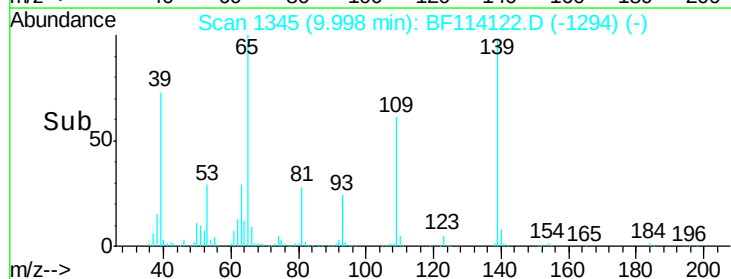
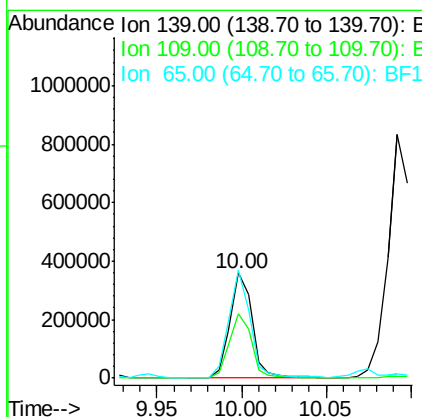
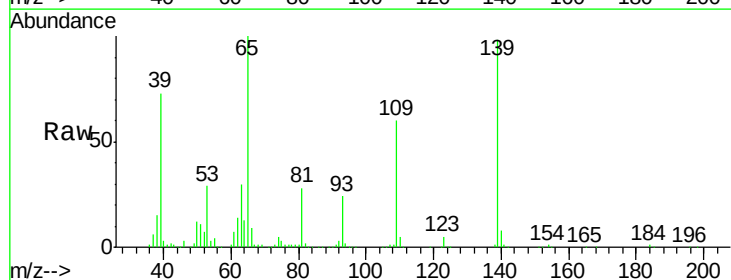
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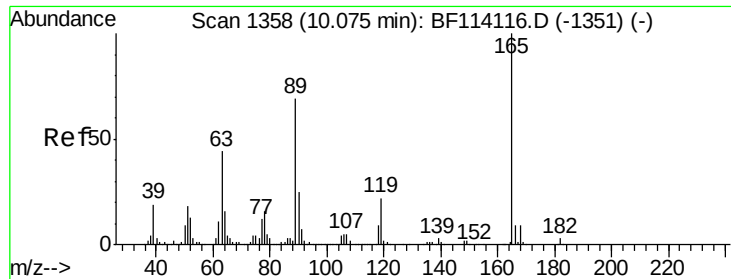
Sohil
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#56
4-Nitrophenol
Concen: 41.185 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.9	83.9
65	102.4	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 41.016 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

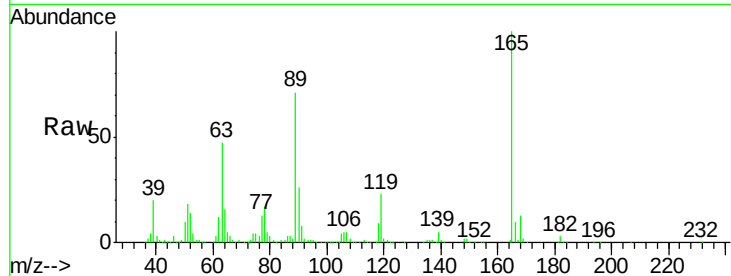
ClientSampleId :

ICVBF051019

Tgt Ion:	165	Resp:	514986
Ion Ratio	Lower	Upper	
165	100		
63	46.5	35.5	53.3
89	71.3	55.2	82.8
182	2.6	2.2	3.2

Manual Integrations
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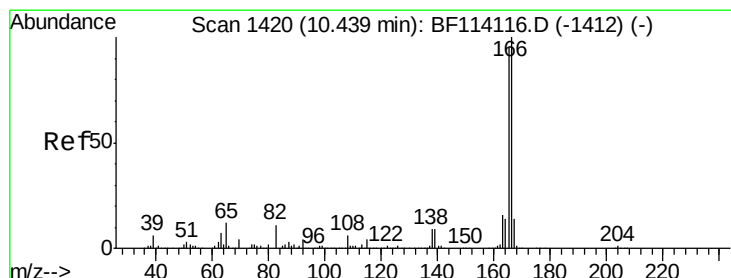
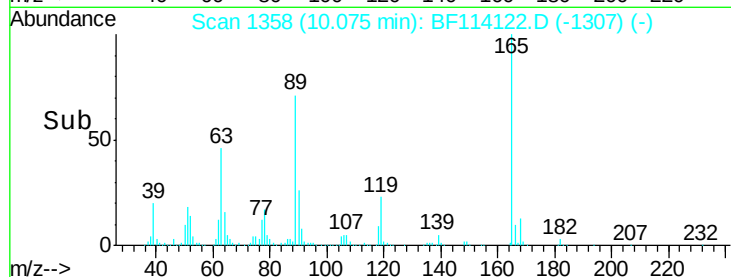
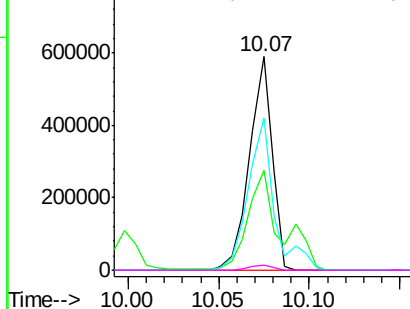


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.781 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF114122.D

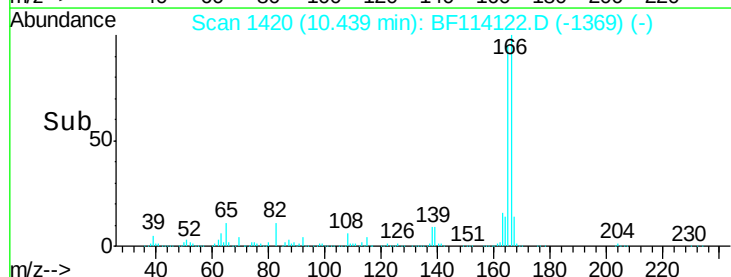
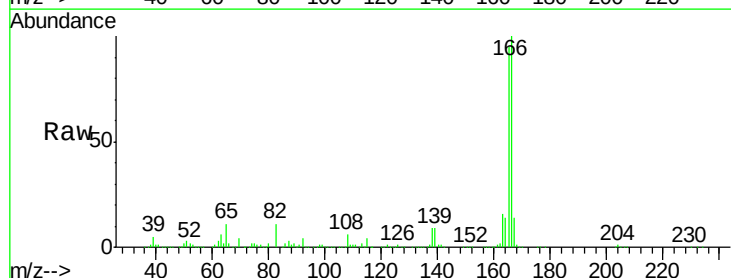
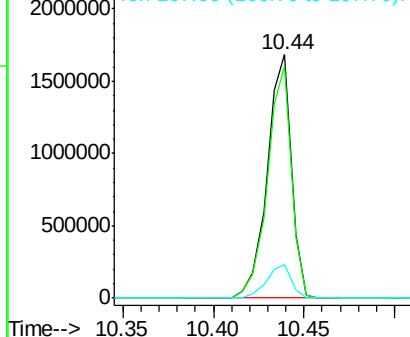
Acq: 10 May 2019 15:56

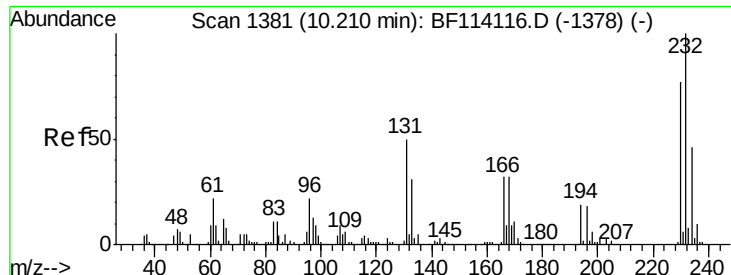
Tgt Ion:	166	Resp:	1553368
Ion Ratio	Lower	Upper	
166	100		
165	95.1	76.1	114.1
167	13.8	11.1	16.7

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





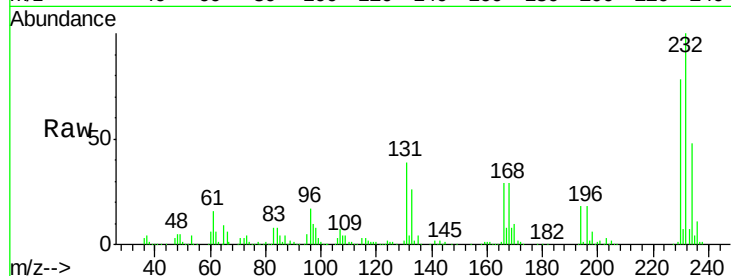
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.065 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	419684		
131	43.9	35.6	53.4	
130	2.1	1.6	2.4	
166	30.3	24.1	36.1	

Manual Integrations
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 5/13/2019 8:34:22 PM

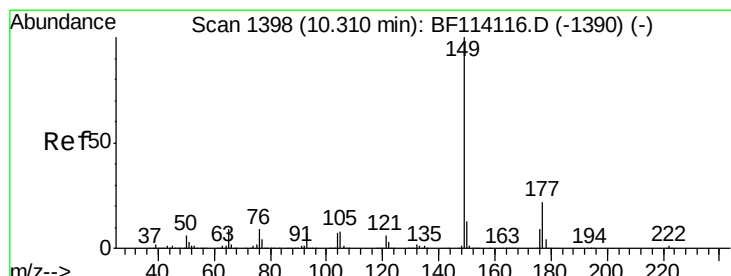
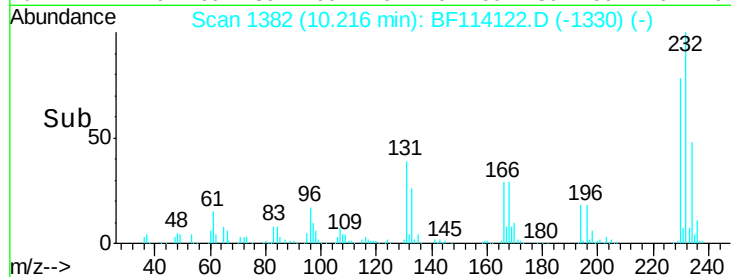
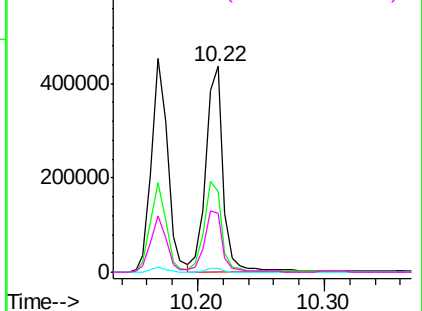


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

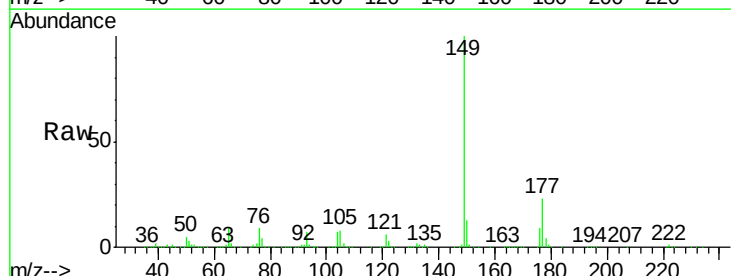
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.127 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

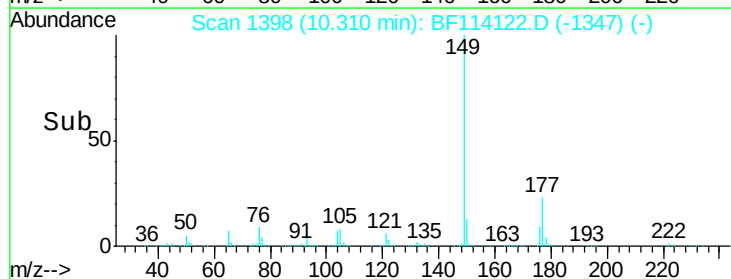
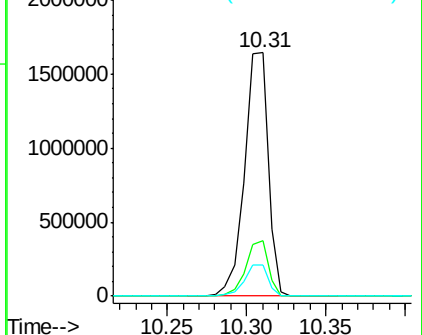
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1700475		
177	22.6	17.8	26.6	
150	12.5	10.2	15.2	

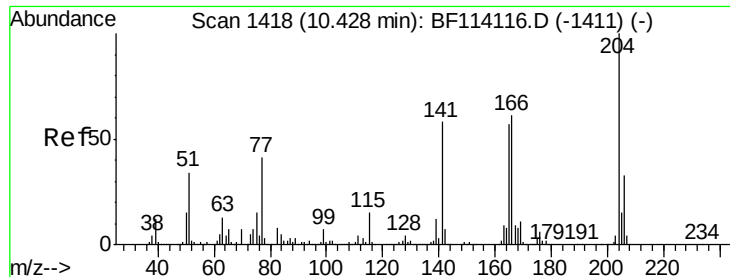


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





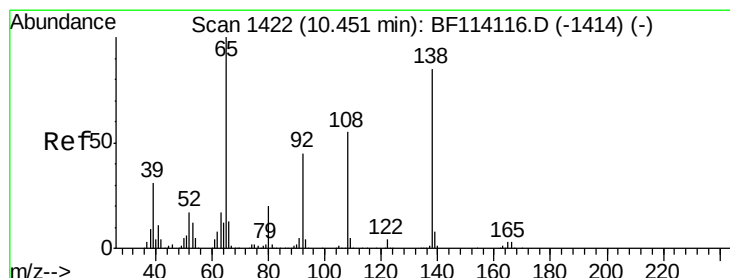
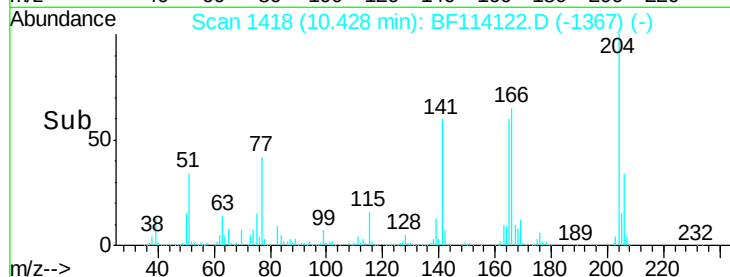
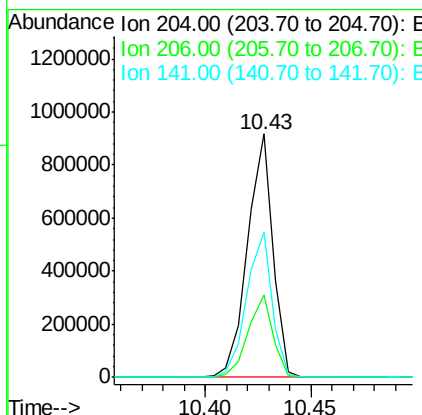
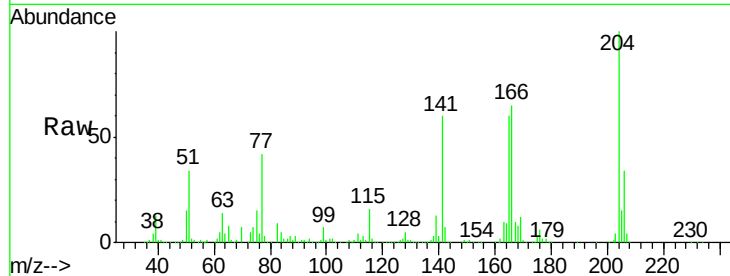
#61
4-Chlorophenyl-phenylether
Concen: 39.983 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	39.8
141	59.7	46.4	69.6

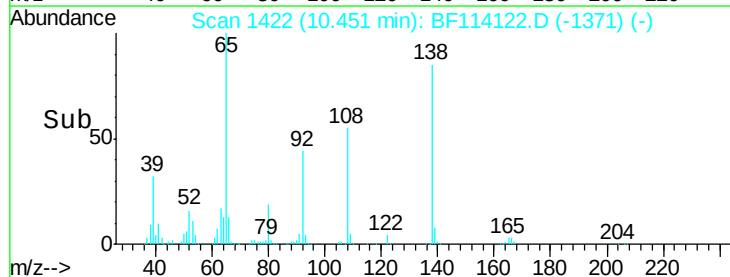
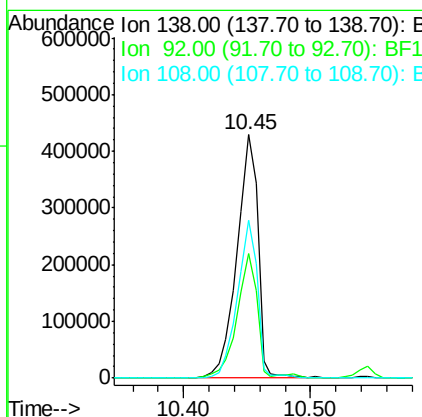
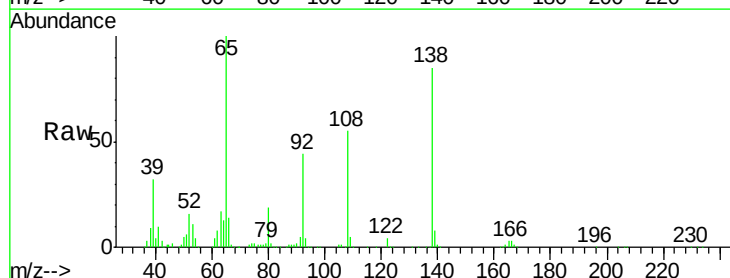
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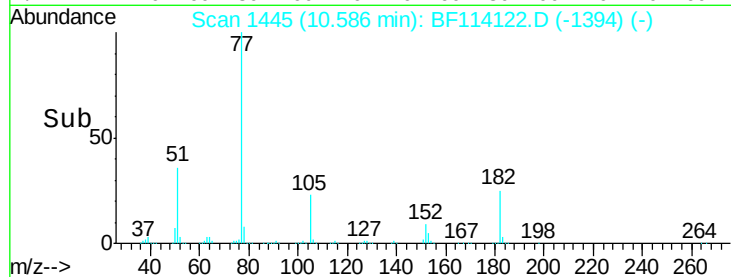
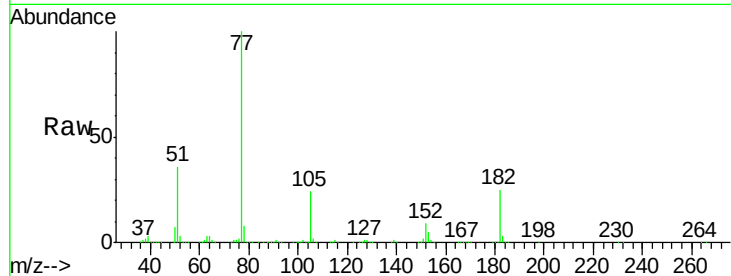
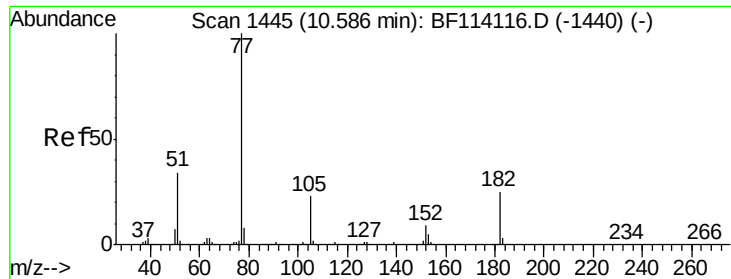
Sohil
5/13/2019 8:34:22 PM



#62
4-Nitroaniline
Concen: 40.550 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

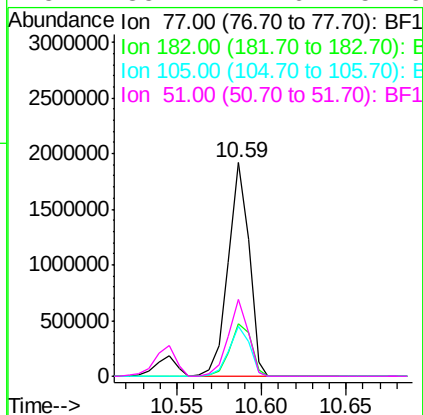
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.0	73.0
108	64.9	44.9	84.9





#63
Azobenzene
Concen: 40.075 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

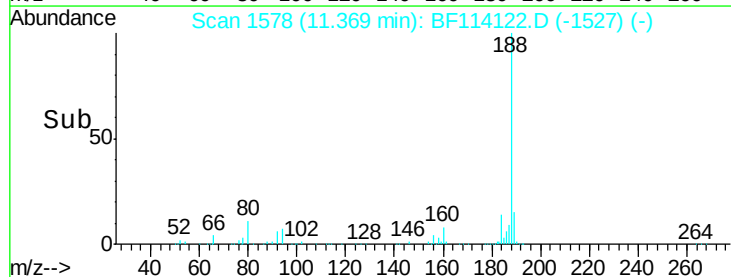
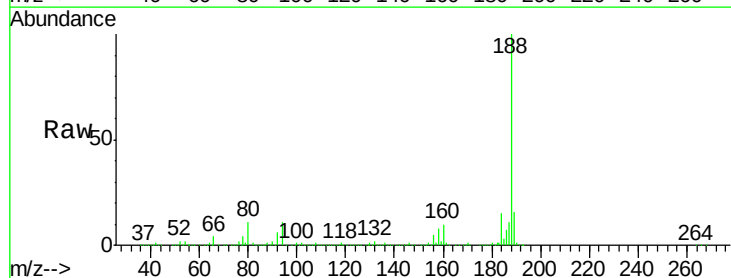
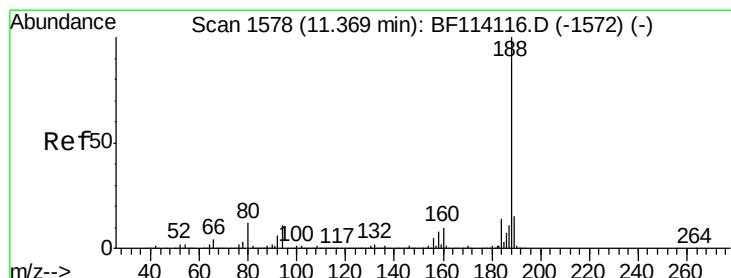
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.7	44.7
105	23.7	2.9	42.9
51	35.7	14.6	54.6



Instrument :
BNA_F
ClientSampleId :
ICVBF051019

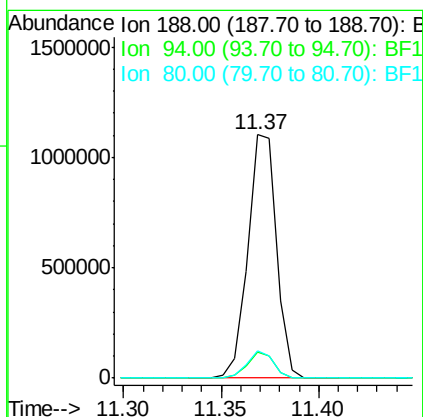
Manual Integrations
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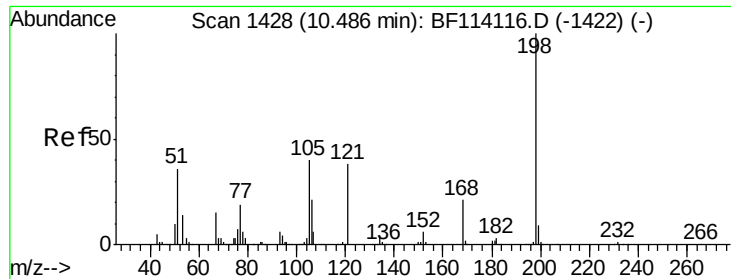
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	11.1	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 44.034 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

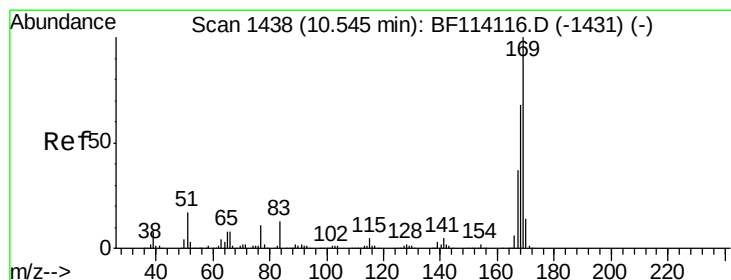
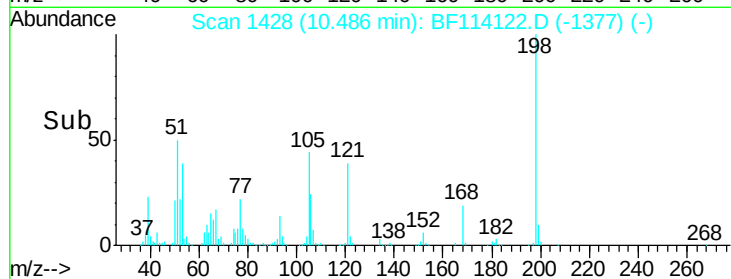
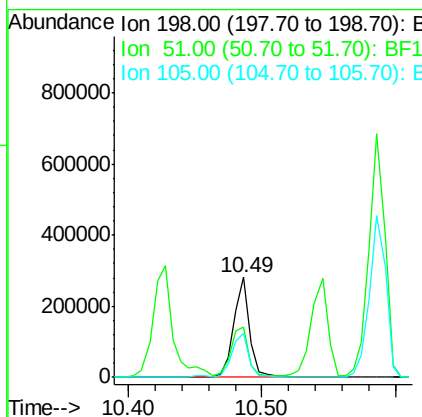
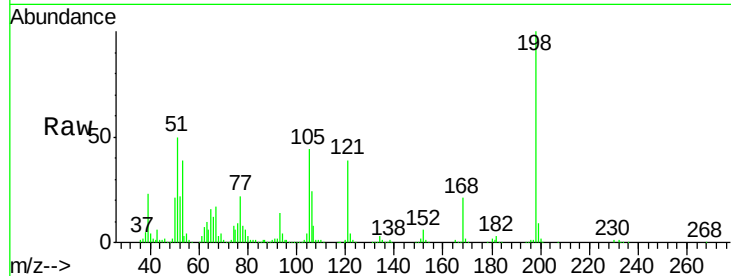
ClientSampleId :

ICVBF051019

Tgt Ion:	198	Resp:	237292
Ion Ratio	Lower	Upper	
198	100		
51	50.3	28.0	68.0
105	44.0	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 41.317 ng

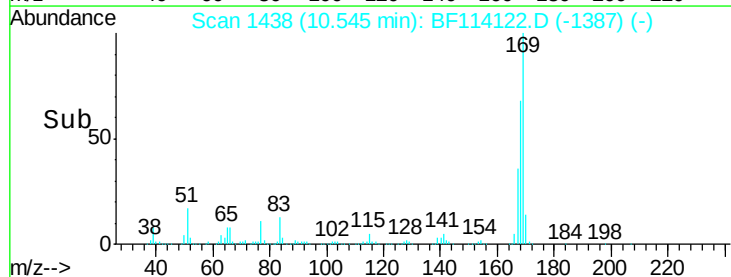
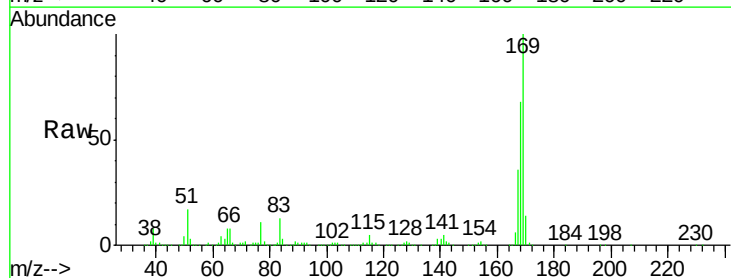
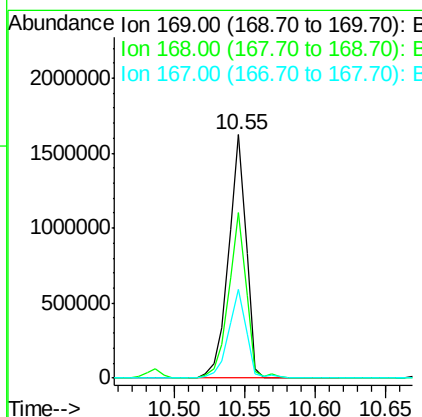
RT: 10.55 min Scan# 1438

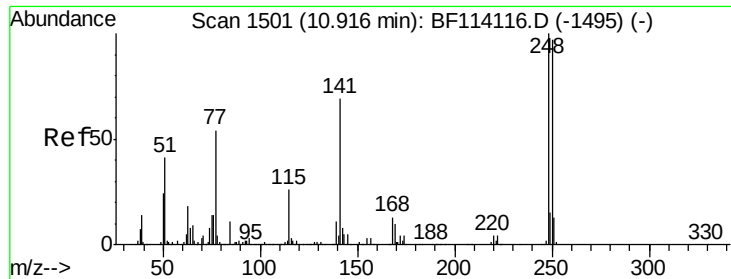
Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:	169	Resp:	1406301
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.2	81.2
167	36.5	29.8	44.8





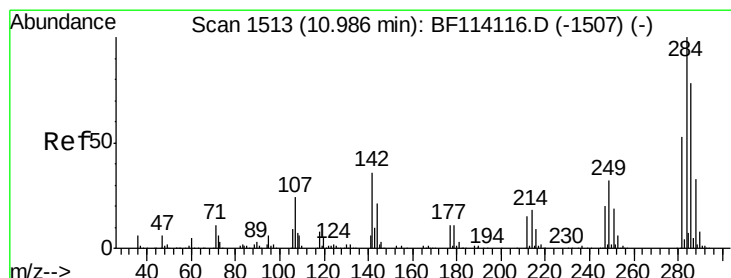
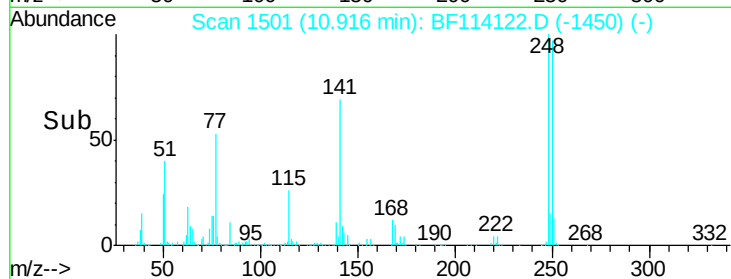
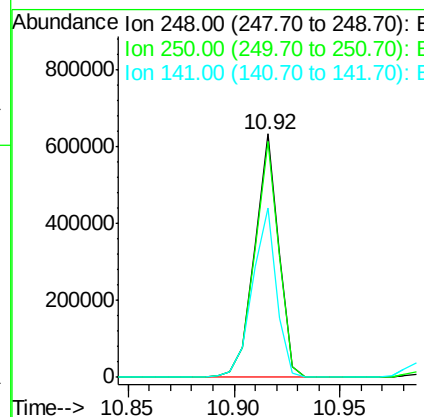
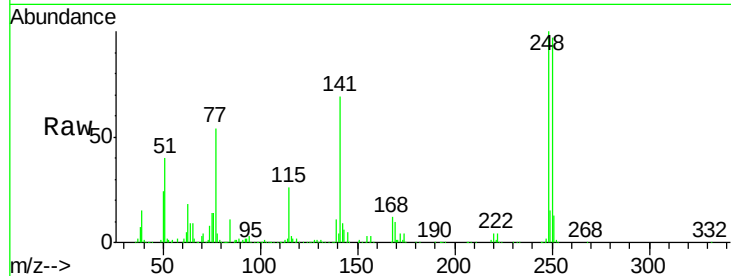
#67
 4-Bromophenyl-phenylether
 Concen: 40.707 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	502654		
250	96.8	77.4	116.2	
141	69.4	55.6	83.4	

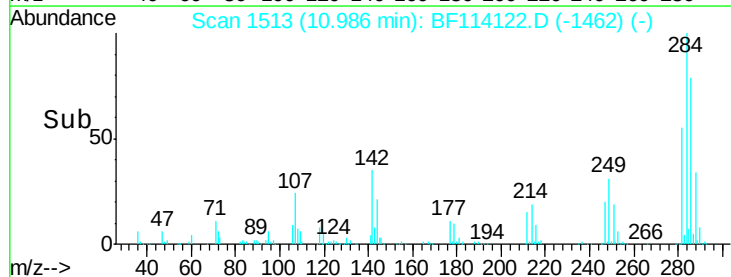
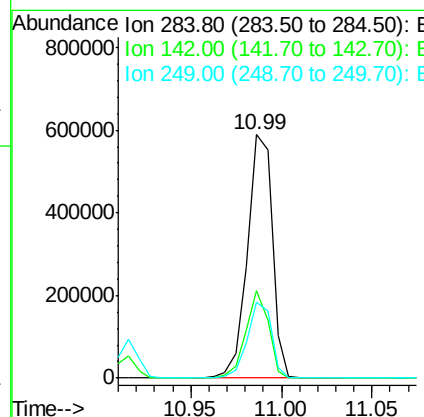
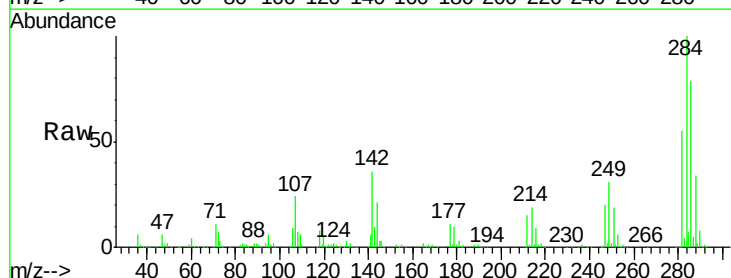
Manual Integrations
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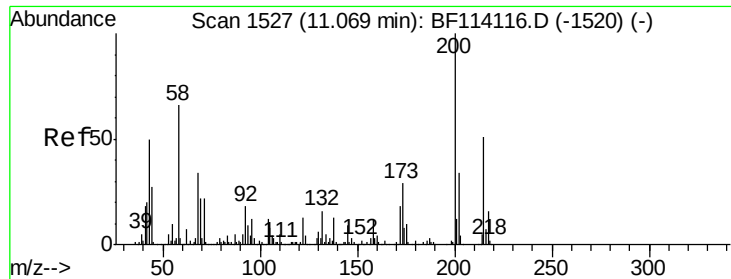
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#68
 Hexachlorobenzene
 Concen: 41.251 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	563502		
142	35.8	28.4	42.6	
249	31.1	25.2	37.8	





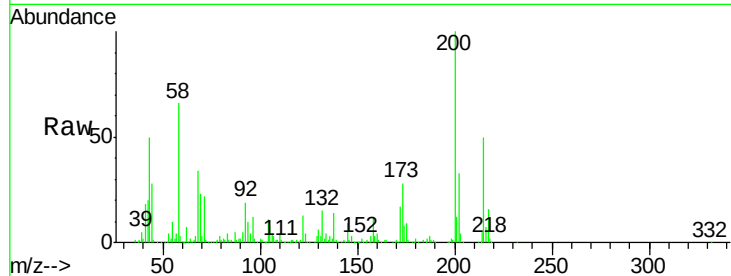
#69
 Atrazine
 Concen: 41.034 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

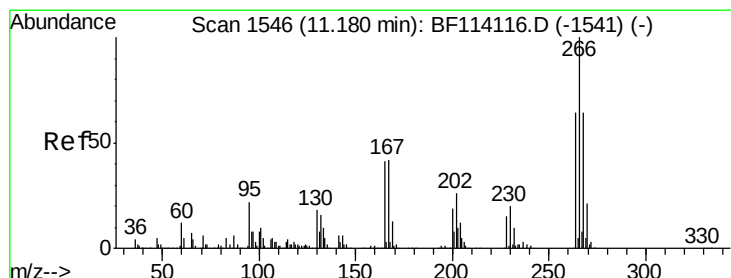
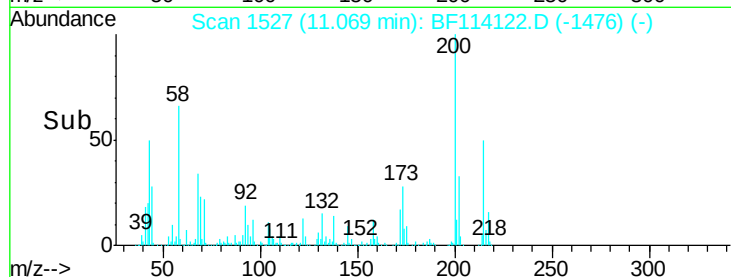
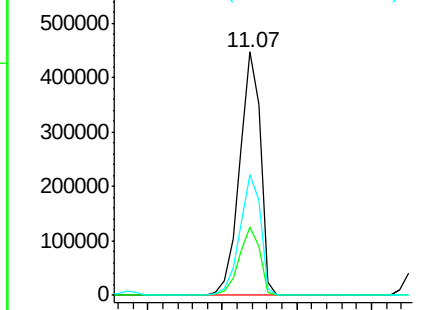
Tgt Ion:	200	Resp:	434640
Ion Ratio	Lower	Upper	
200	100		
173	27.8	8.9	48.9
215	49.6	30.7	70.7

Manual Integrations
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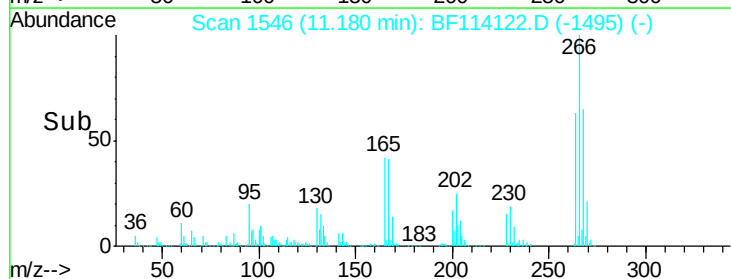
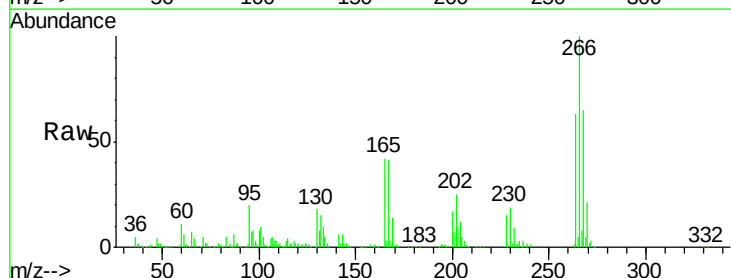
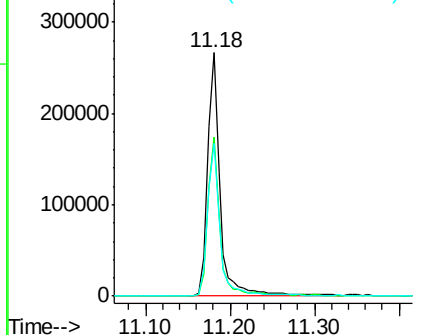
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

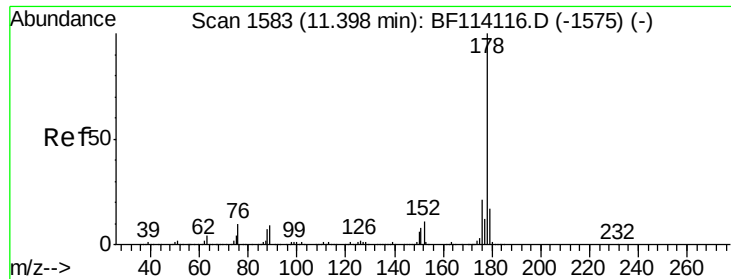


#70
 Pentachlorophenol
 Concen: 42.752 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion:	266	Resp:	276841
Ion Ratio	Lower	Upper	
266	100		
268	65.3	51.1	76.7
264	62.9	51.1	76.7

Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





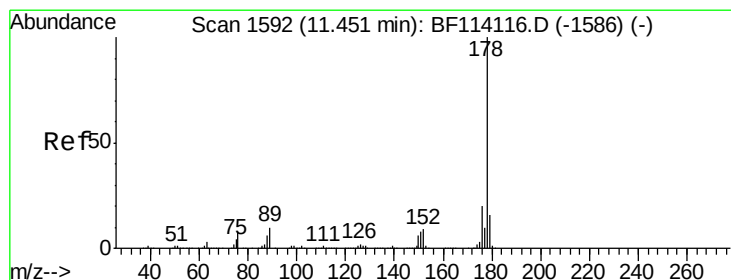
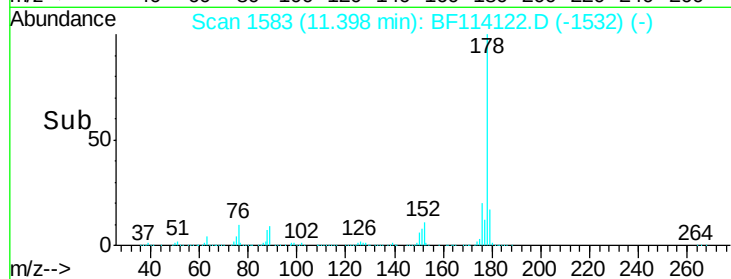
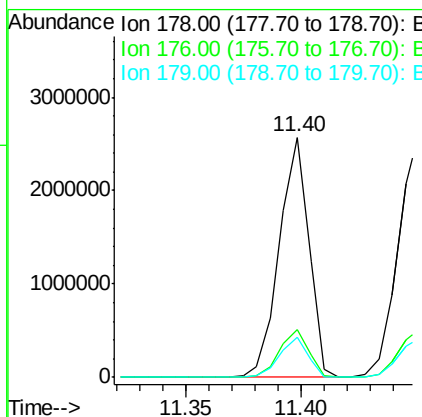
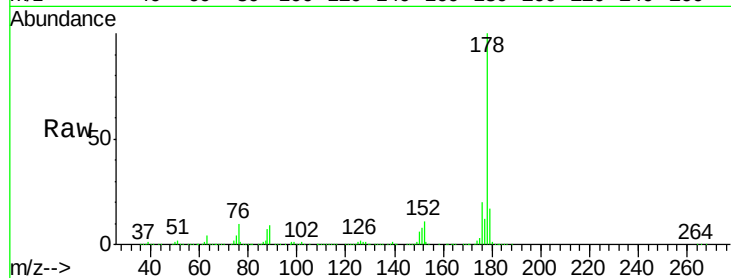
#71
Phenanthrene
Concen: 41.734 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion:178 Resp: 2277052
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 16.6 13.2 19.8

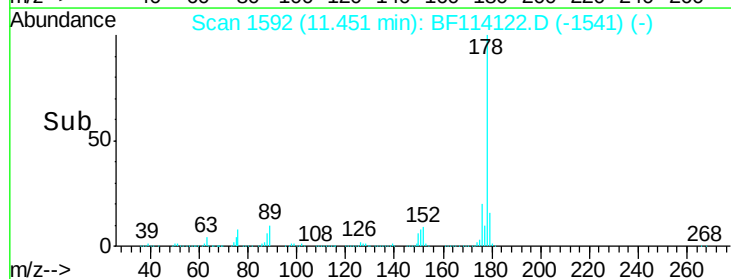
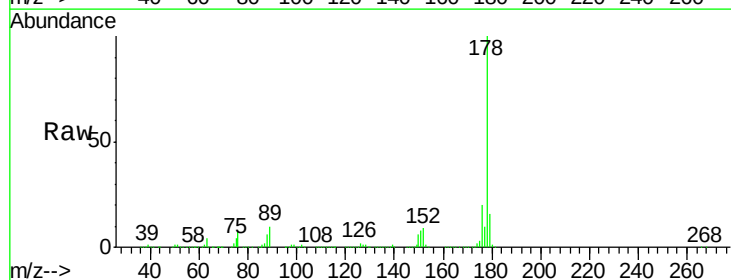
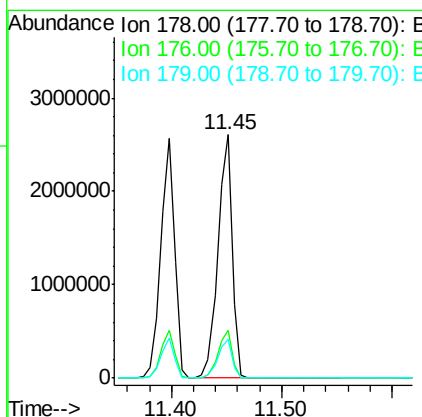
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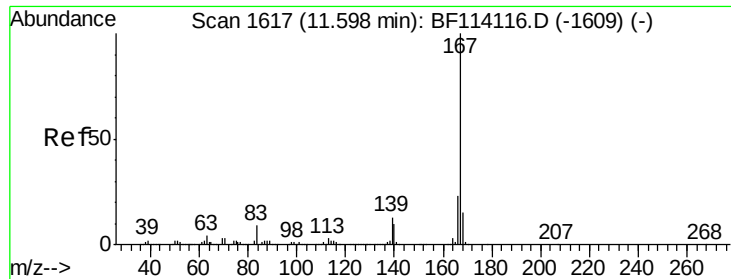
Sohil
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#72
Anthracene
Concen: 42.848 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:178 Resp: 2348199
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.2 13.0 19.4





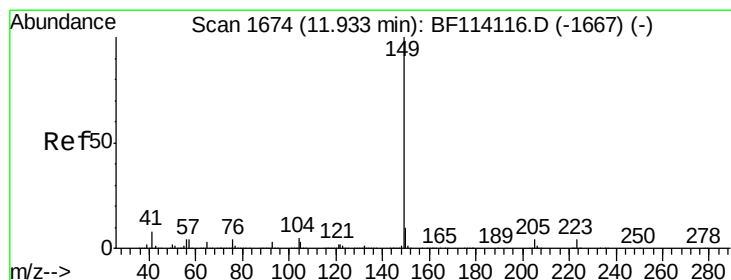
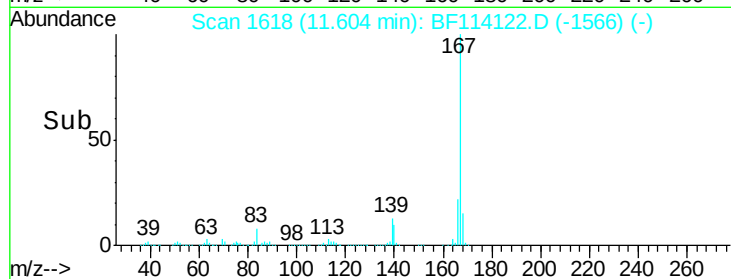
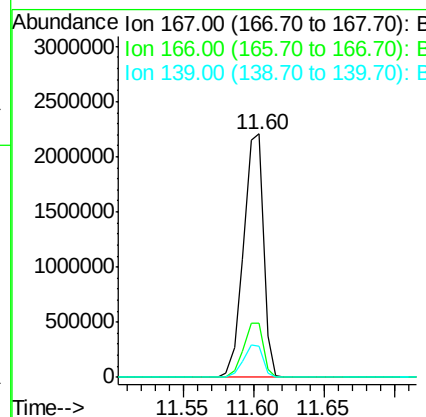
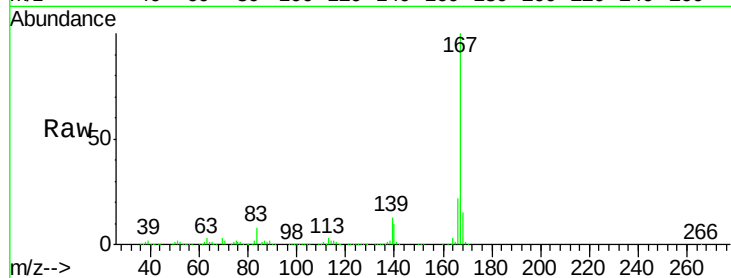
#73
 Carbazole
 Concen: 41.579 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	12.7	10.6	16.0

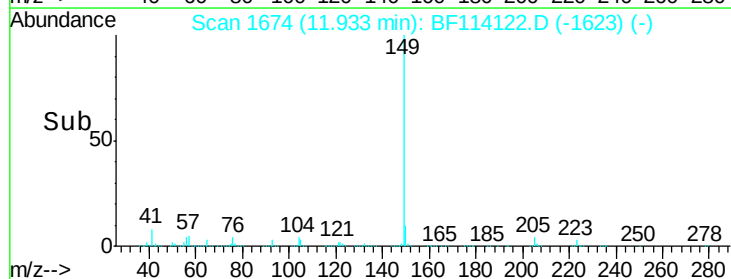
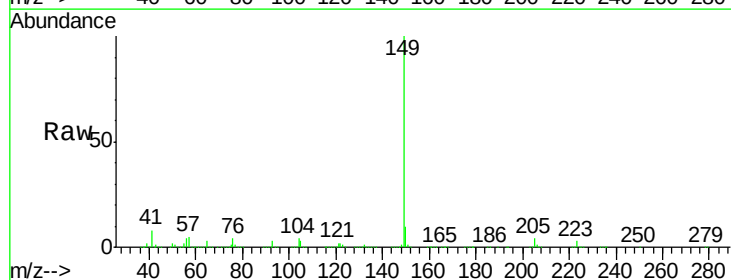
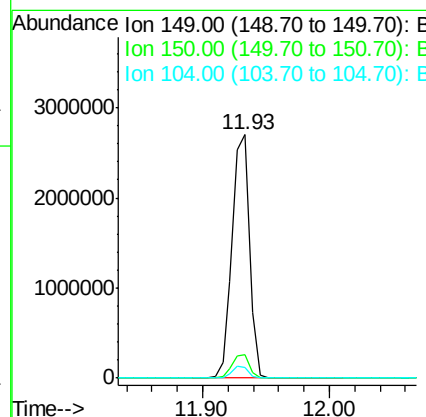
Manual Integrations
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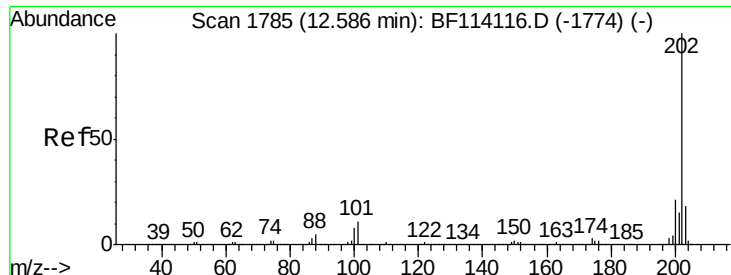
Sohil
 5/13/2019 8:34:22 PM



#74
 Di-n-butylphthalate
 Concen: 42.657 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.5	3.6	5.4





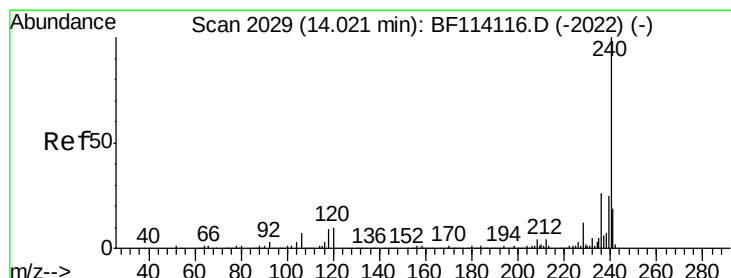
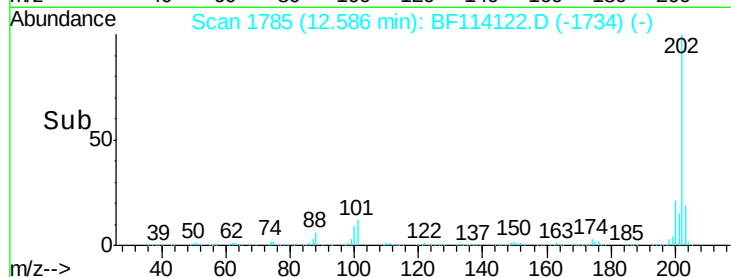
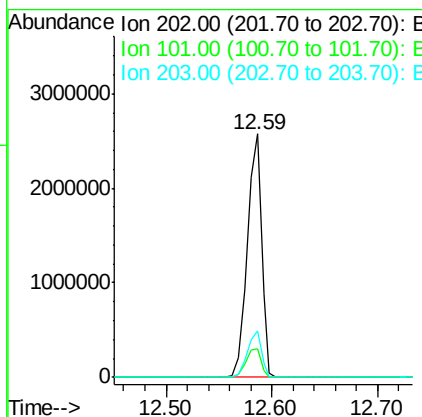
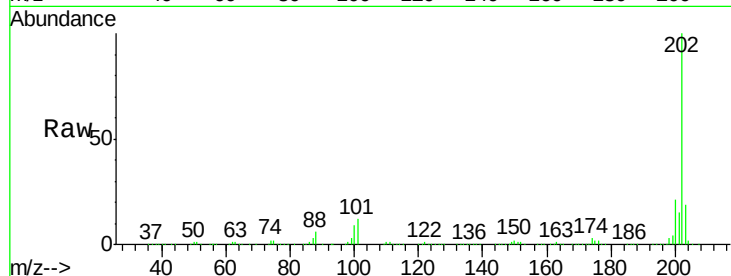
#75
 Fluoranthene
 Concen: 40.954 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2406314		
101	11.7		0.0	31.0
203	19.1		0.0	38.4

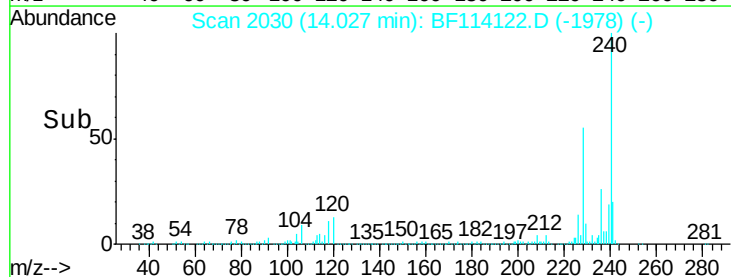
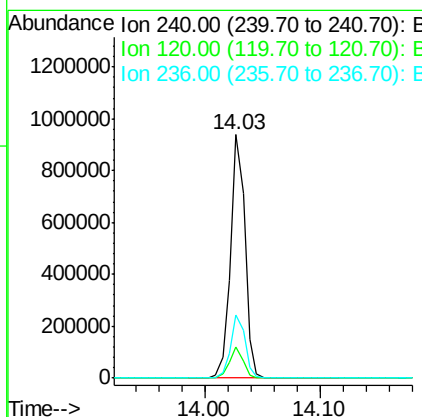
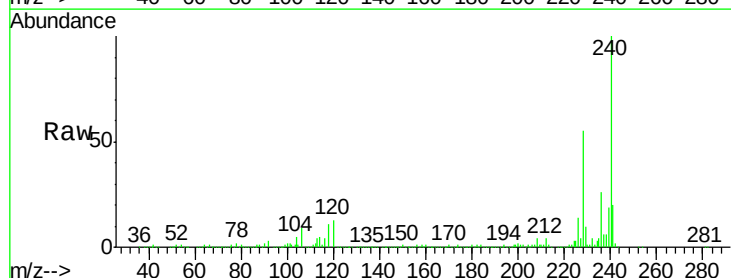
Manual Integrations
 APPROVED

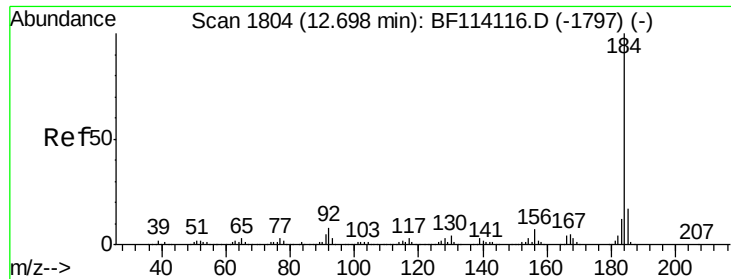
Sohil
 5/13/2019 8:34:22 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	811970		
120	12.9		8.3	12.5#
236	26.2		20.8	31.2





#77

Benzidine

Concen: 38.141 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

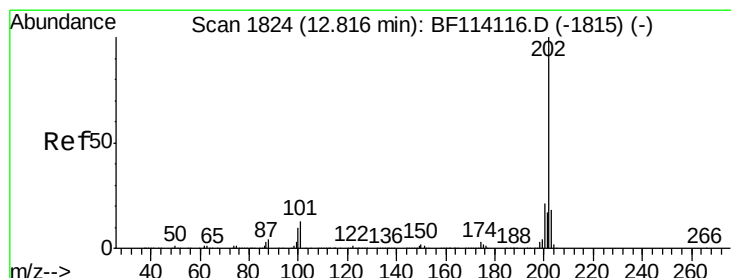
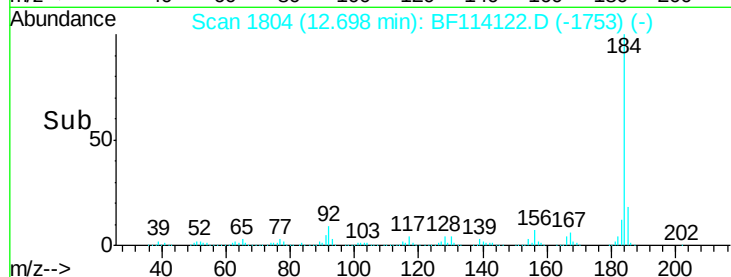
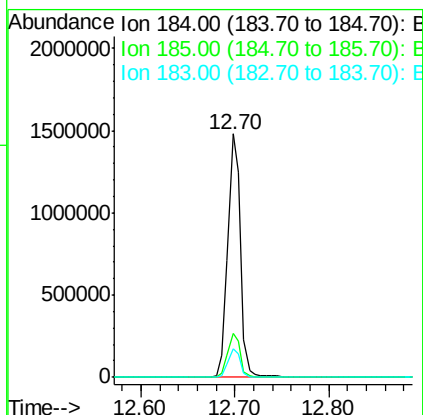
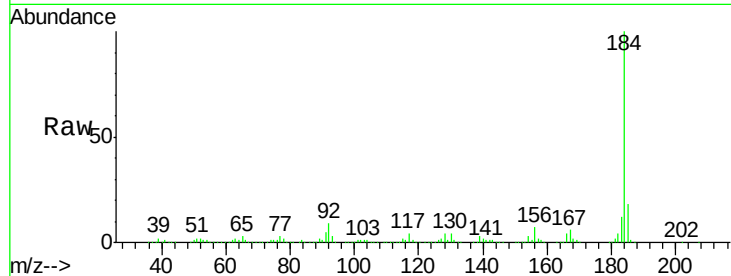
ICVBF051019

Tgt Ion:184 Resp: 1390165

Ion	Ratio	Lower	Upper
184	100		
185	18.0	13.6	20.4
183	11.6	9.2	13.8

Manual Integrations
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5/13/2019 8:34:22 PM



#78

Pyrene

Concen: 37.731 ng

RT: 12.82 min Scan# 1824

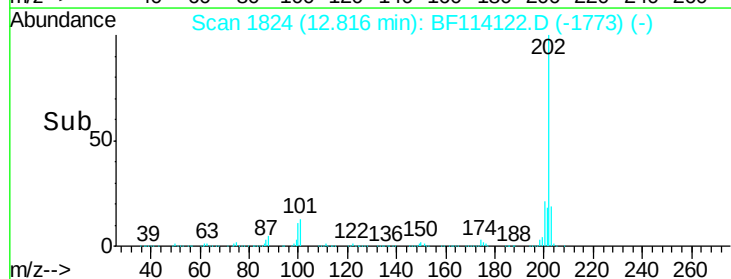
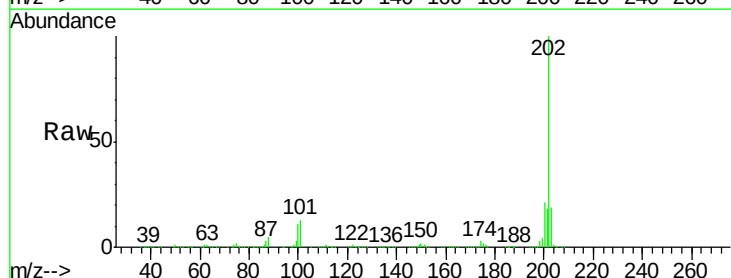
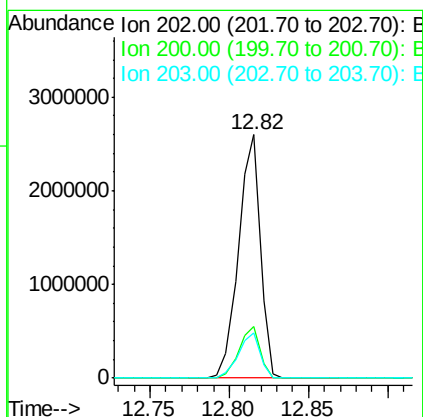
Delta R.T. 0.00 min

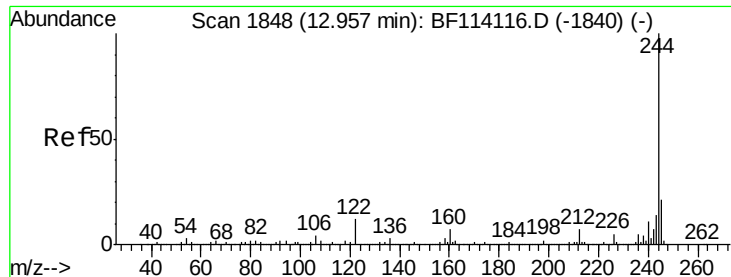
Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:202 Resp: 2464547

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.5	14.5	21.7





#79

Terphenyl-d14

Concen: 75.431 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion:244 Resp: 2971143

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

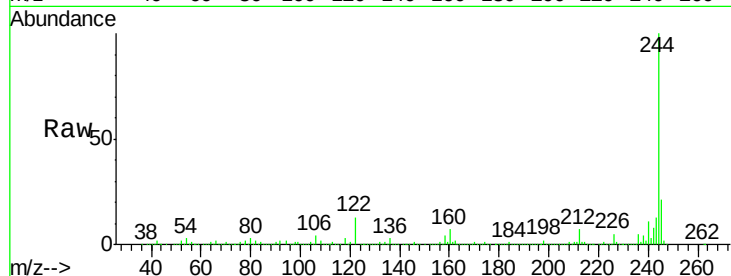
122 13.0 9.4 14.2

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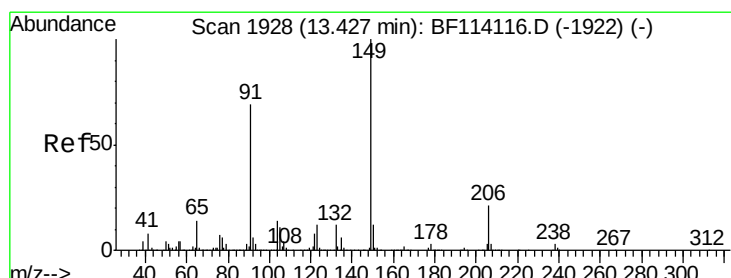
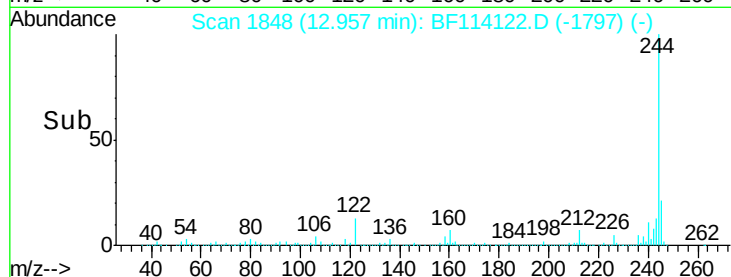
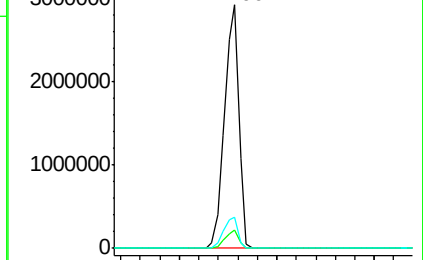
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.042 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

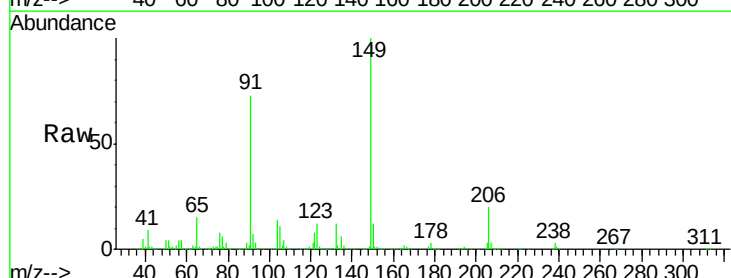
Tgt Ion:149 Resp: 1155878

Ion Ratio Lower Upper

149 100

91 73.4 55.0 82.4

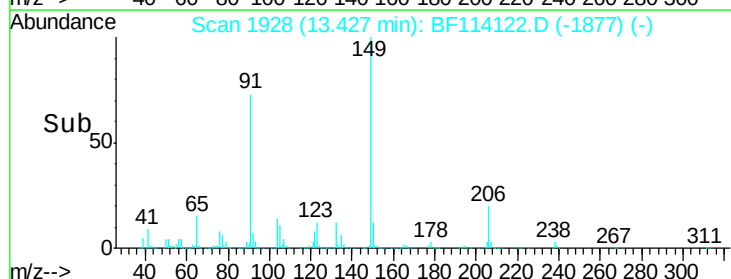
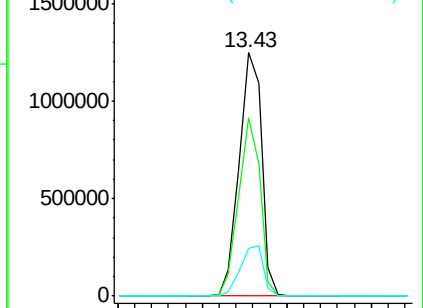
206 19.7 16.9 25.3

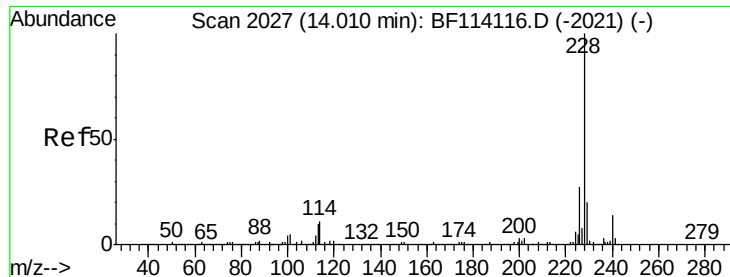


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.124 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion: 228 Resp: 2107209

Ion Ratio Lower Upper

228 100

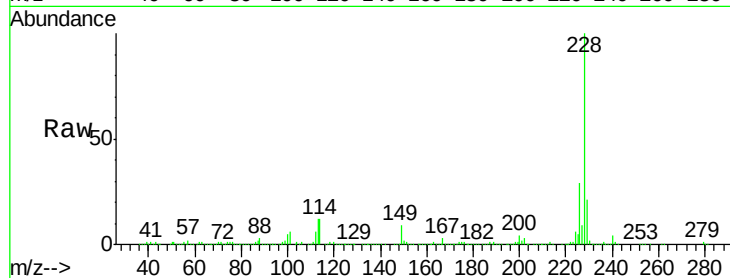
226 28.6 22.2 33.2

229 20.6 16.4 24.6

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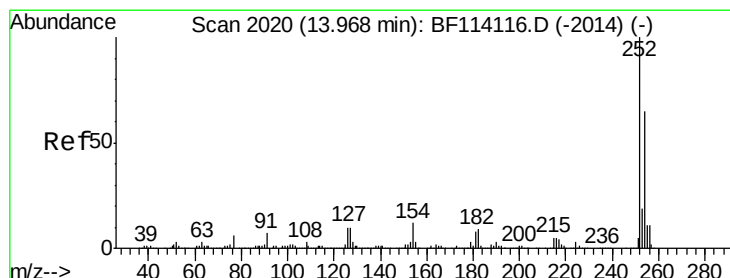
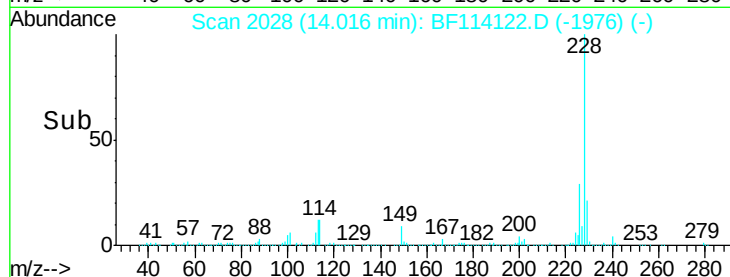
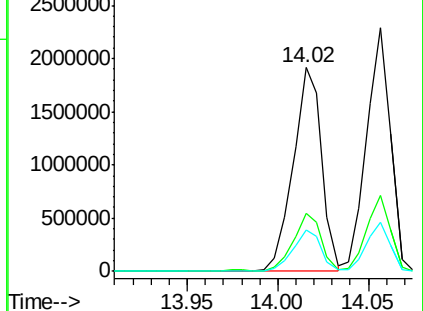
5/13/2019 8:34:22 PM



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: 42.418 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion: 252 Resp: 864179

Ion Ratio Lower Upper

252 100

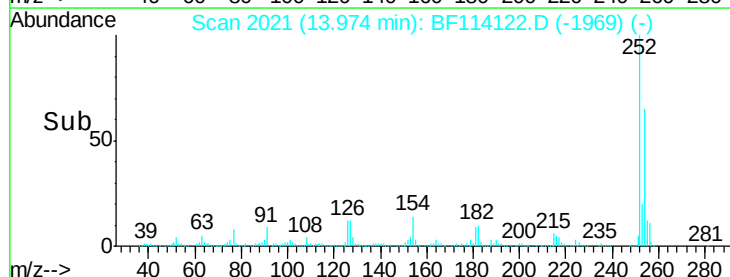
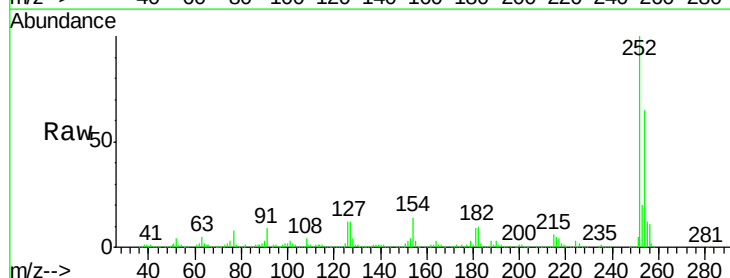
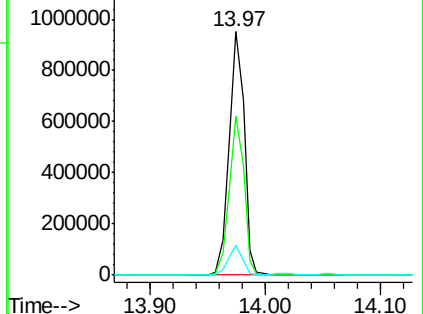
254 65.1 51.9 77.9

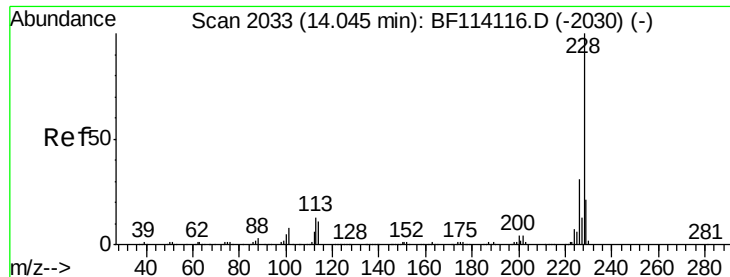
126 12.2 7.9 11.9#

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: 40.946 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tgt Ion:228 Resp: 2107968

Ion Ratio Lower Upper

228 100

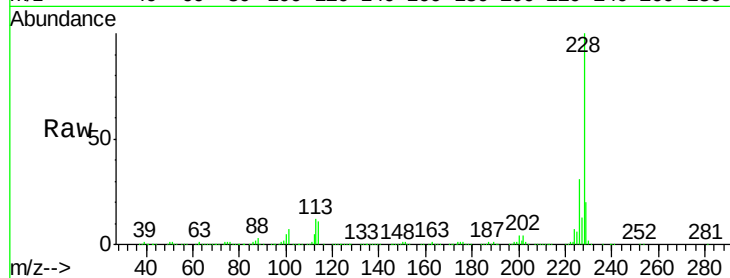
226 31.3 25.0 37.6

229 20.3 17.0 25.6

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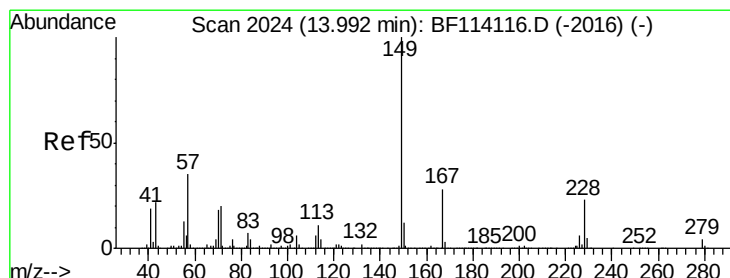
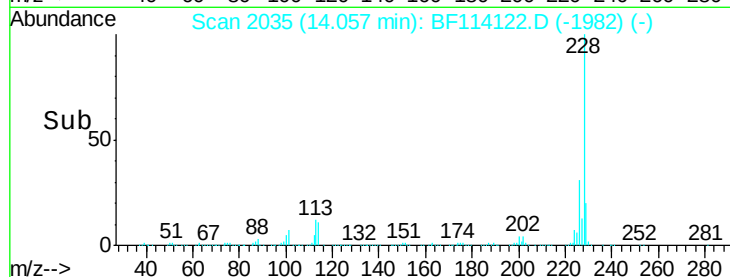
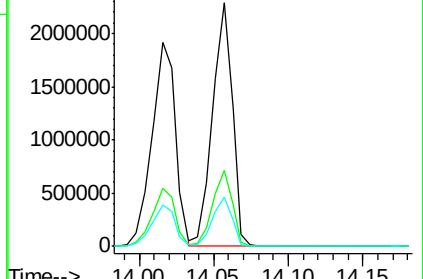
5/13/2019 8:34:22 PM



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.246 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

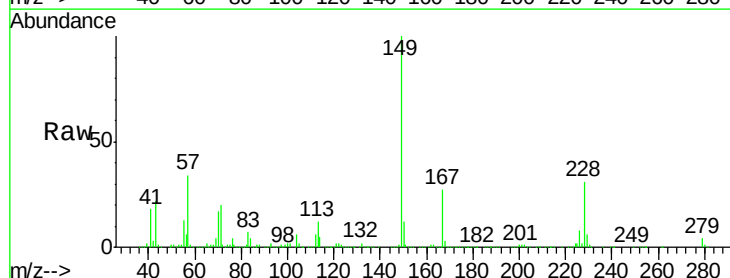
Tgt Ion:149 Resp: 1447147

Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

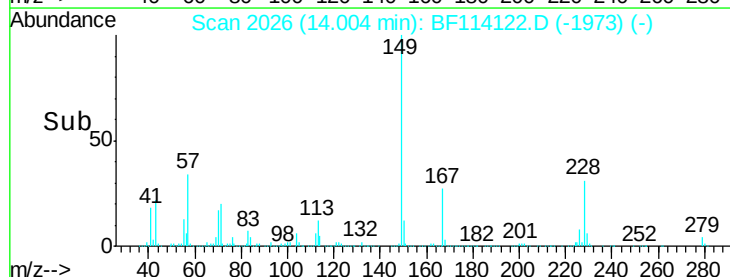
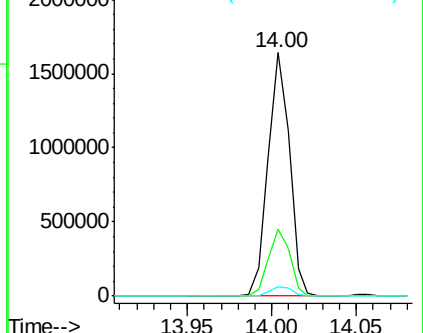
279 4.0 3.0 4.6

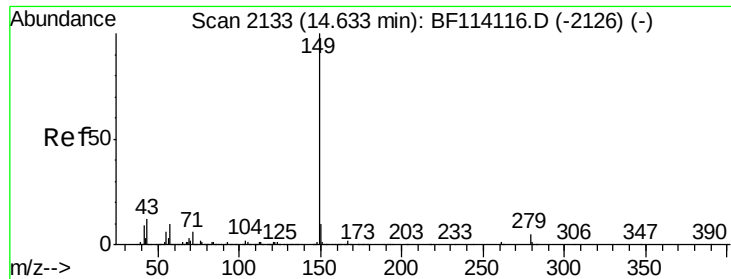


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





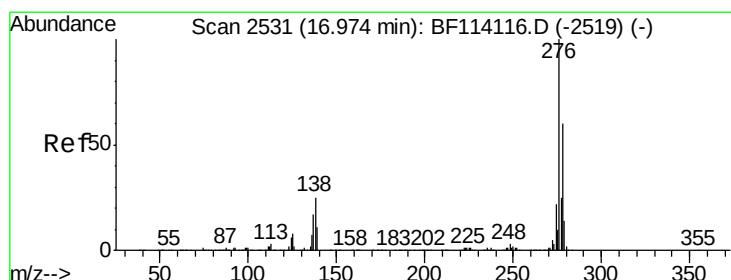
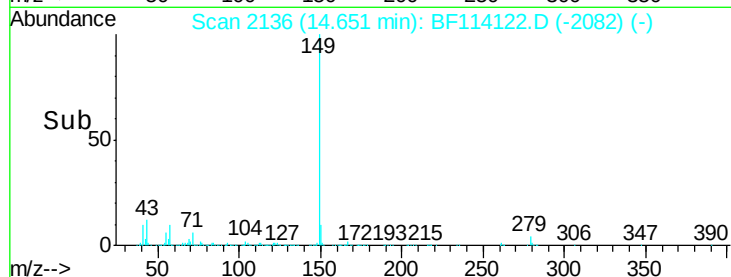
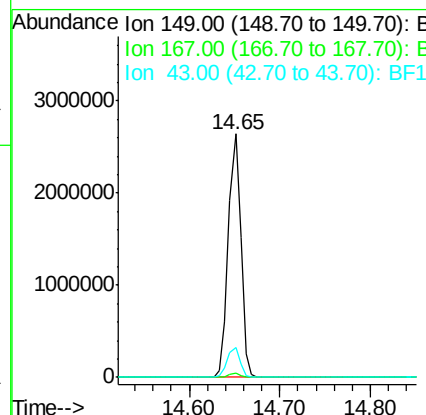
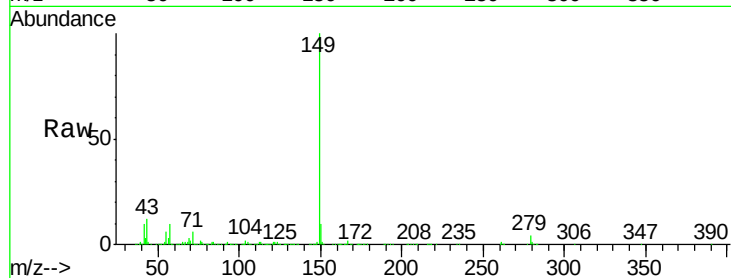
#85
Di-n-octyl phthalate
Concen: 42.900 ng
RT: 14.65 min Scan# 2136
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.4	10.1	15.1

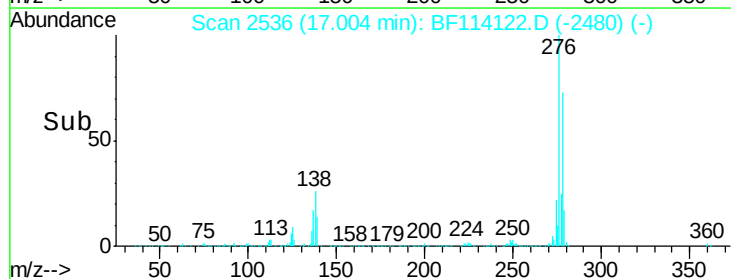
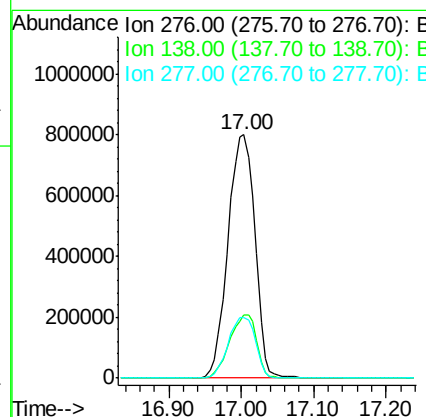
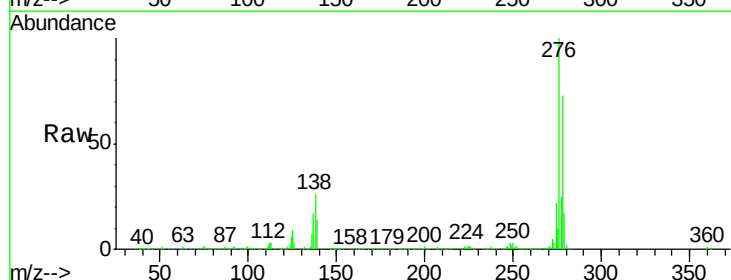
Manual Integrations
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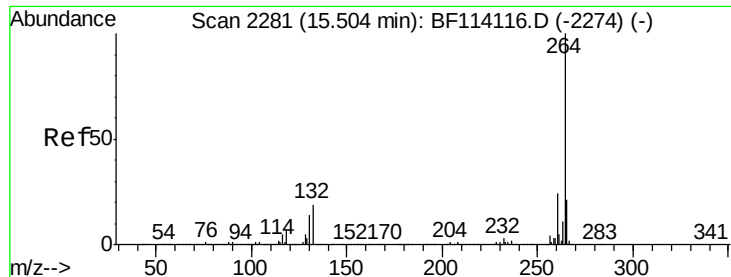
Sohil
5/13/2019 8:34:22 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.541 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.03 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.2
277	25.4	20.0	30.0





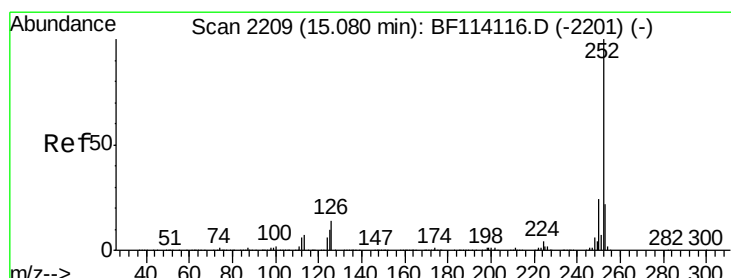
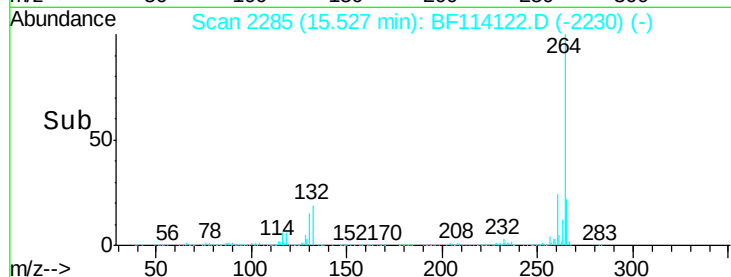
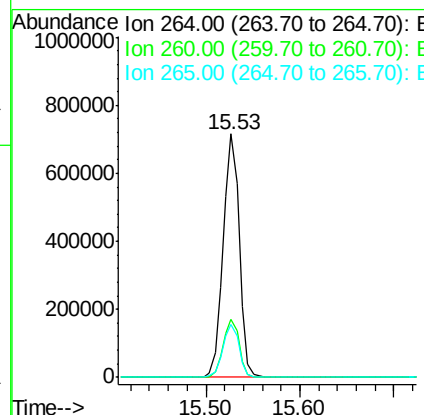
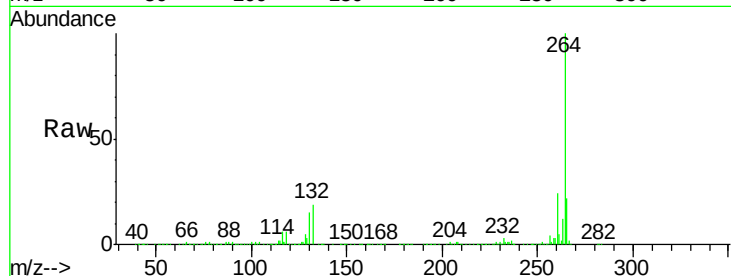
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.9	16.9	25.3

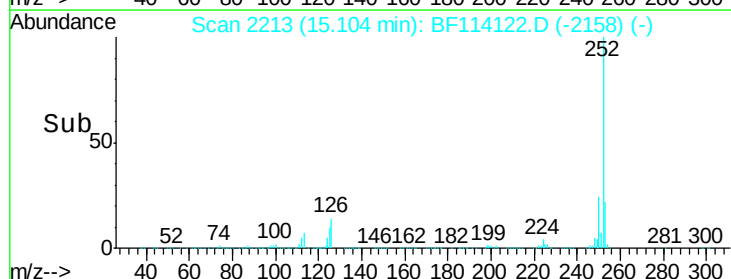
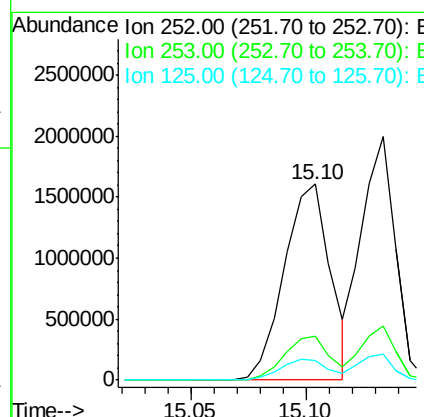
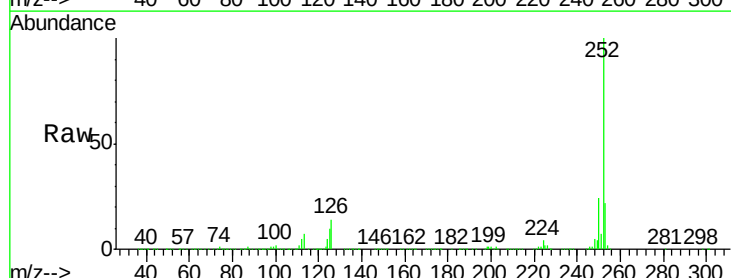
Manual Integrations
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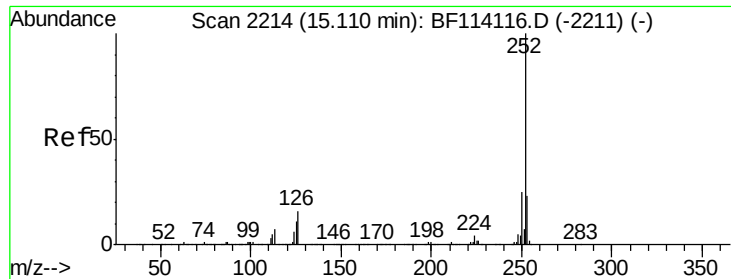
Sohil
5/13/2019 8:34:22 PM



#88
Benzo(b)fluoranthene
Concen: 40.161 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.0	8.3	12.5





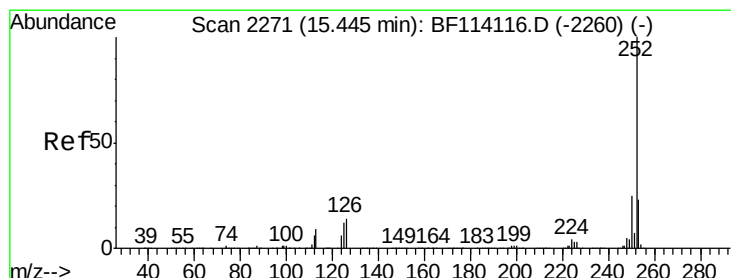
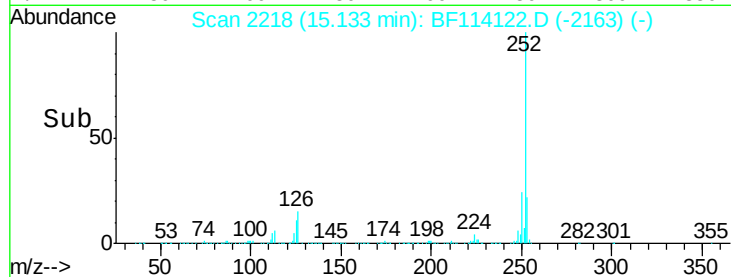
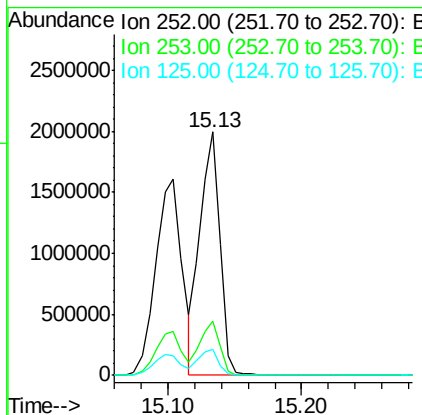
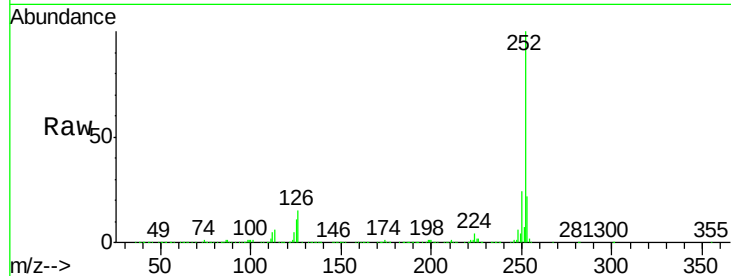
#89
Benzo(k)fluoranthene
Concen: 40.465 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tgt Ion:252 Resp: 2057436
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.5 8.6 13.0

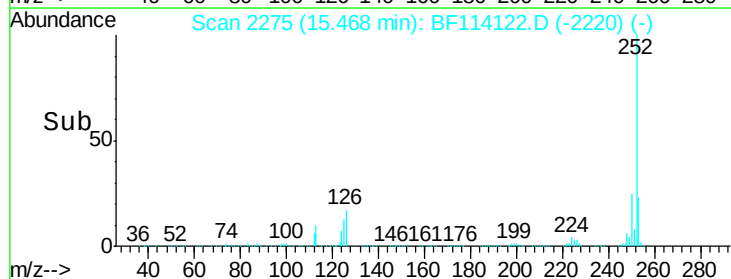
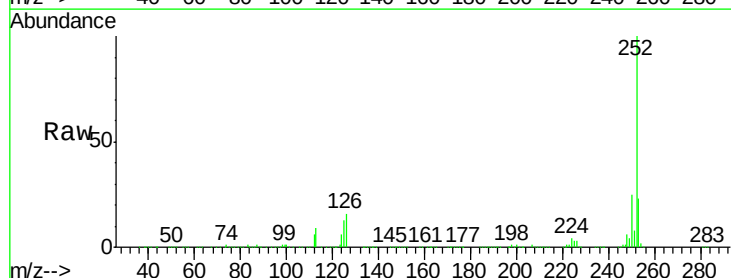
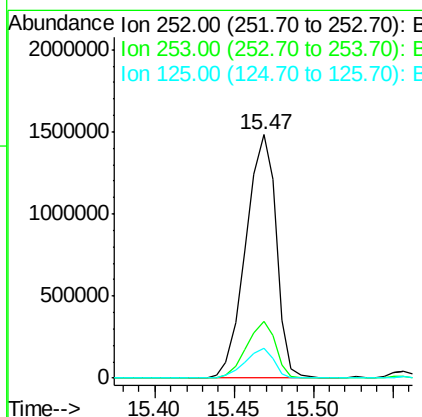
Manual Integrations
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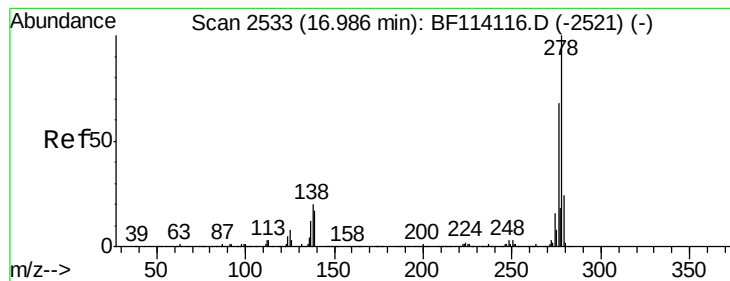
Sohil
5/13/2019 8:34:22 PM



#90
Benzo(a)pyrene
Concen: 40.638 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:252 Resp: 1979599
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 12.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 42.402 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.03 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

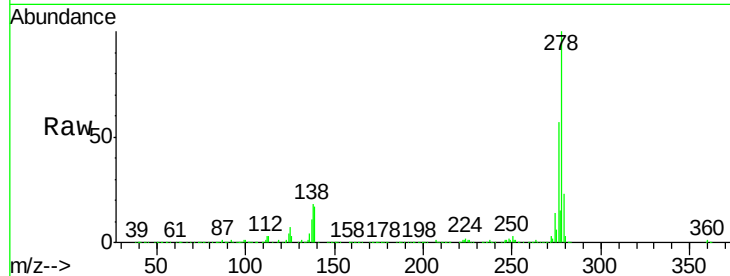
ClientSampled :

ICVBF051019

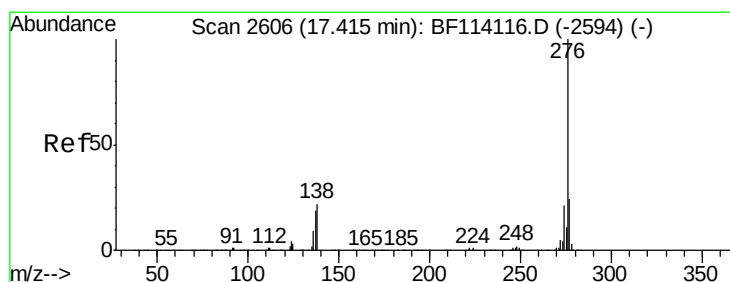
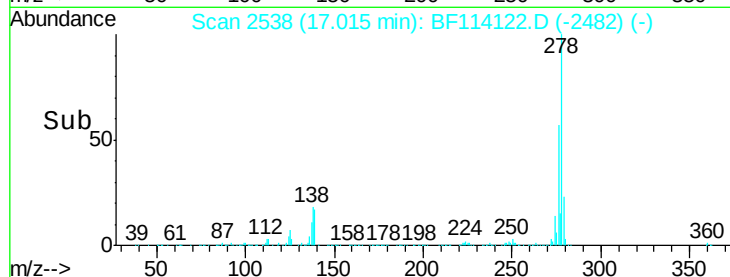
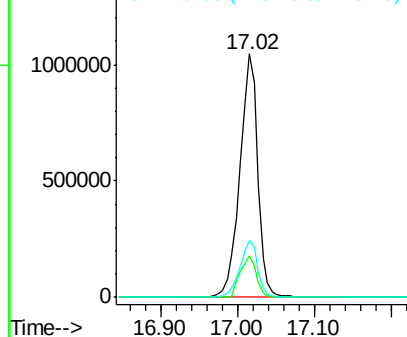
Tgt Ion:	278	Resp:	1716361
Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	23.2	19.0	28.6

Manual Integrations
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Sohil
5/13/2019 8:34:22 PM



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



#92

Benzo(g,h,i)perylene

Concen: 39.884 ng

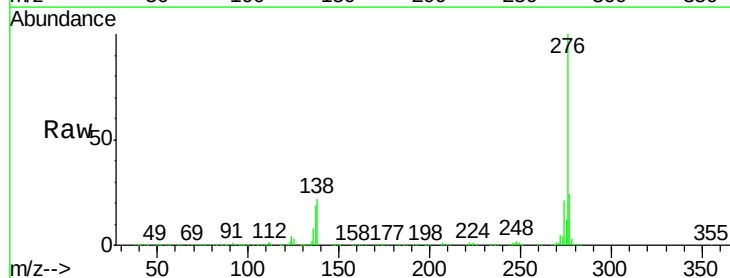
RT: 17.44 min Scan# 2611

Delta R.T. 0.03 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:	276	Resp:	1617887
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	21.6	17.8	26.6



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

