

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114573.D
 Acq On : 24 May 2019 16:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 5/27/2019 3:48:12 AM

Quant Time: May 24 22:56:16 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	154206	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	625626	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	298346	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	584949	20.00	ng	0.00
76) Chrysene-d12	13.99	240	343997	20.00	ng	0.00
87) Perylene-d12	15.46	264	273383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	769721	80.33	ng	0.00
7) Phenol-d6	6.46	99	933510	82.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	891727	79.99	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	236779	76.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1577643	79.99	ng	0.00
79) Terphenyl-d14	12.92	244	1558004	93.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	173924	33.021	ng	99
3) Pyridine	3.29	79	478725	32.989	ng	99
4) n-Nitrosodimethylamine	3.25	42	239373	34.206	ng	97
6) Aniline	6.48	93	652639	39.865	ng	# 69
8) 2-Chlorophenol	6.61	128	427682	41.808	ng	93
9) Benzaldehyde	6.37	77	274020	34.536	ng	98
10) Phenol	6.47	94	543626	40.775	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	420920	41.586	ng	98
12) 1,3-Dichlorobenzene	6.76	146	477430	41.577	ng	99
13) 1,4-Dichlorobenzene	6.83	146	484291	41.853	ng	97
14) 1,2-Dichlorobenzene	6.99	146	451311	42.691	ng	100
15) Benzyl Alcohol	6.96	79	351703	39.788	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	781461	39.819	ng	80
17) 2-Methylphenol	7.08	107	337188	40.126	ng	# 92
18) Hexachloroethane	7.32	117	180395	41.533	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	297254	41.379	ng	98
20) 3+4-Methylphenols	7.23	107	432304	44.526	ng	# 80
22) Acetophenone	7.23	105	569877	41.118	ng	# 92
24) Nitrobenzene	7.40	77	460288	40.539	ng	98
25) Isophorone	7.64	82	823579	39.834	ng	99
26) 2-Nitrophenol	7.72	139	229488	41.659	ng	97
27) 2,4-Dimethylphenol	7.76	122	330670	38.219	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	541816	40.389	ng	99
29) 2,4-Dichlorophenol	7.97	162	358464	41.608	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	396778	40.502	ng	99
31) Naphthalene	8.12	128	1220781	41.773	ng	99
32) Benzoic acid	7.91	122	221262	37.641	ng	97
33) 4-Chloroaniline	8.17	127	561684	42.177	ng	99
34) Hexachlorobutadiene	8.23	225	230215	41.301	ng	98
35) Caprolactam	8.55	113	119733	42.622	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	367428	42.370	ng	98
37) 2-Methylnaphthalene	8.81	142	816704	43.315	ng	96
38) 1-Methylnaphthalene	8.91	142	761755	42.901	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	375531	41.552	ng	100

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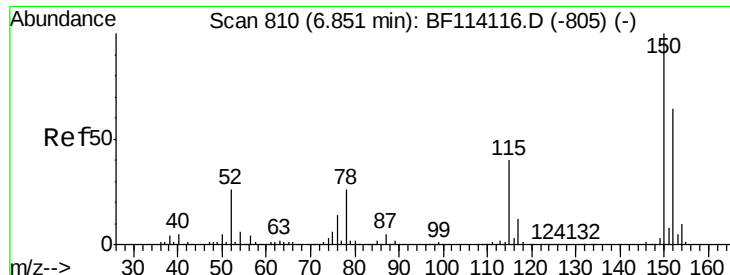
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	147463	37.454	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	242184	38.960	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	238192	37.363	nq	95
46) 1,1'-Biphenyl	9.27	154	991589	41.141	nq	98
47) 2-Chloronaphthalene	9.30	162	790970	40.777	nq	99
48) 2-Nitroaniline	9.40	65	274028	39.834	nq	94
49) Acenaphthylene	9.72	152	1207807	40.940	nq	98
50) Dimethylphthalate	9.57	163	893226	40.784	nq	99
51) 2,6-Dinitrotoluene	9.65	165	196779	40.509	nq	84
52) Acenaphthene	9.89	154	722713	39.921	nq	99
53) 3-Nitroaniline	9.82	138	243398	40.364	nq	99
54) 2,4-Dinitrophenol	9.94	184	84822	38.543	nq	94
55) Dibenzofuran	10.06	168	1030424	38.816	nq	99
56) 4-Nitrophenol	10.00	139	141145m	33.098	nq	
57) 2,4-Dinitrotoluene	10.06	165	243452	36.924	nq	# 81
58) Fluorene	10.40	166	856466	41.769	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	206293	37.503	nq	98
60) Diethylphthalate	10.27	149	901973	40.532	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	420952	41.799	nq	97
62) 4-Nitroaniline	10.43	138	231669	36.561	nq	97
63) Azobenzene	10.55	77	853311	39.615	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	113331	40.320	nq	100
66) n-Nitrosodiphenylamine	10.51	169	746652	42.057	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	266080	41.313	nq	97
68) Hexachlorobenzene	10.96	284	282940	39.711	nq	98
69) Atrazine	11.04	200	226142	40.933	nq	97
70) Pentachlorophenol	11.16	266	118292	35.023	nq	95
71) Phenanthrene	11.36	178	1197694	42.086	nq	98
72) Anthracene	11.42	178	1206486	42.208	nq	99
73) Carbazole	11.57	167	1127098	41.350	nq	98
74) Di-n-butylphthalate	11.89	149	1397346	44.497	nq	100
75) Fluoranthene	12.55	202	1244829	40.619	nq	98
77) Benzidine	12.67	184	734592	47.573	nq	96
78) Pyrene	12.79	202	1261805	45.597	nq	98
80) Butylbenzylphthalate	13.39	149	537185	46.119	nq	98
81) Benzo(a)anthracene	13.97	228	944964	42.471	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	347504	40.261	nq	# 98
83) Chrysene	14.01	228	910871	41.762	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	686564	45.069	nq	99
85) Di-n-octyl phthalate	14.57	149	987474	39.987	nq	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	751509	38.987	nq	99
88) Benzo(b)fluoranthene	15.03	252	733801	41.897	nq	100
89) Benzo(k)fluoranthene	15.06	252	731023	45.437	nq	99
90) Benzo(a)pyrene	15.40	252	661837	42.937	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	616883m	48.162	nq	
92) Benzo(g,h,i)perylene	17.38	276	645692m	50.303	nq	

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



#1

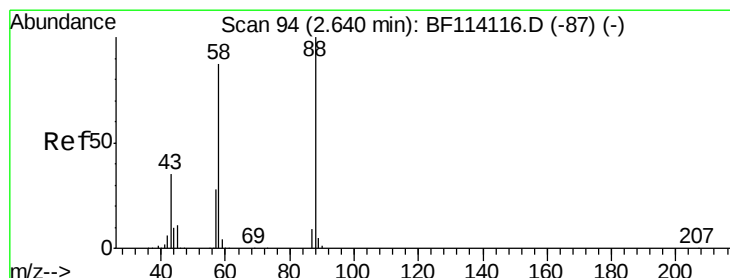
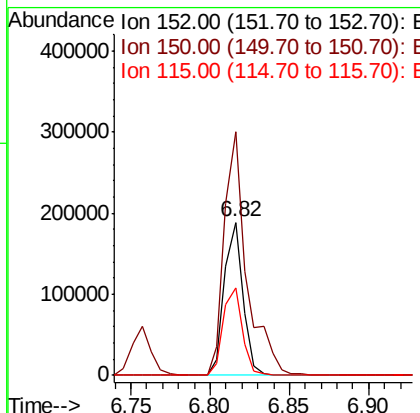
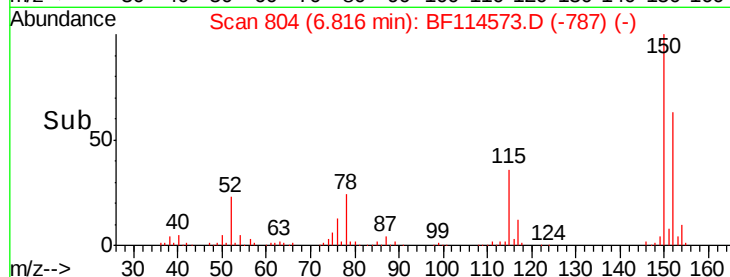
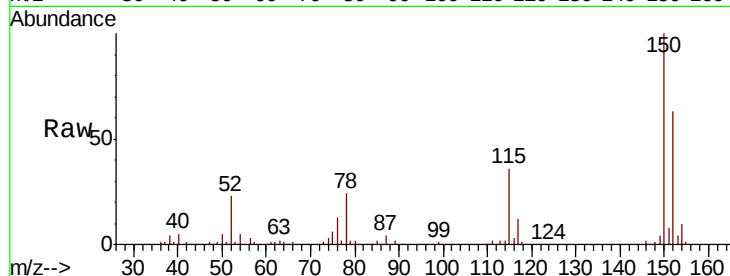
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.3	186.5
115	56.9	49.1	73.7

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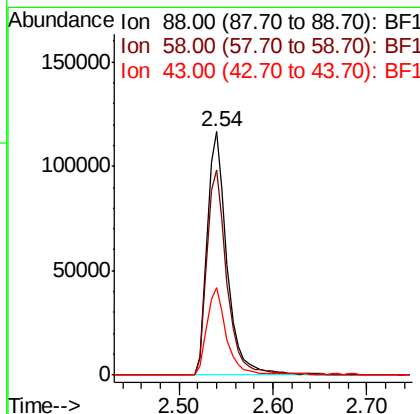
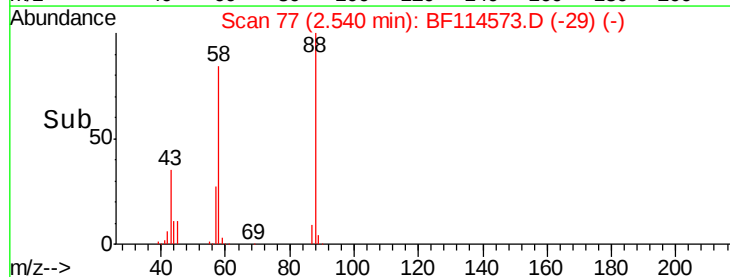
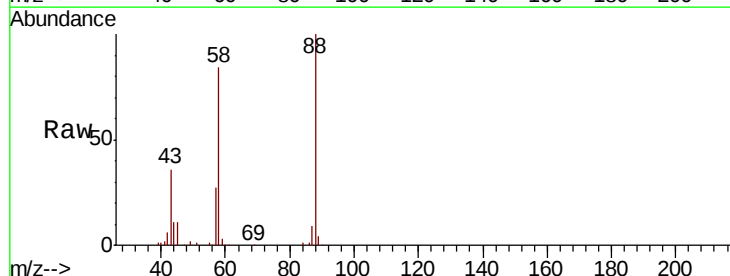
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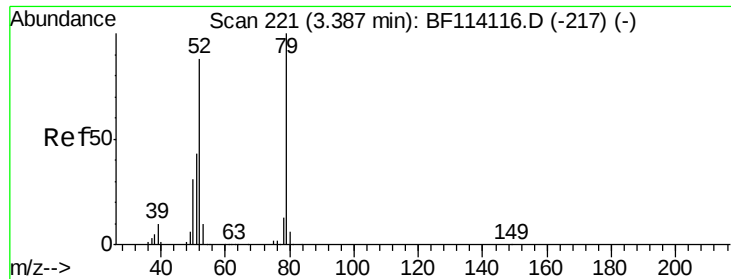


#2

1,4-Dioxane
Concen: 33.021 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.02 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.7	103.1
43	34.5	28.2	42.2





#3

Pvridine

Concen: 32.989 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

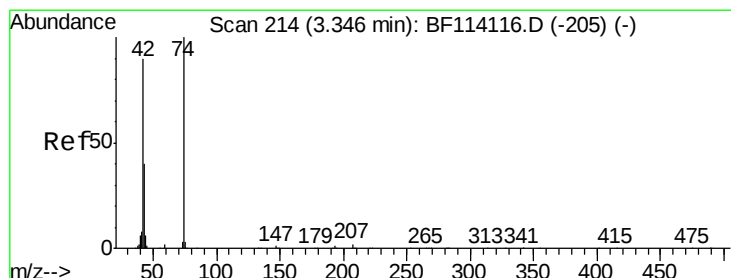
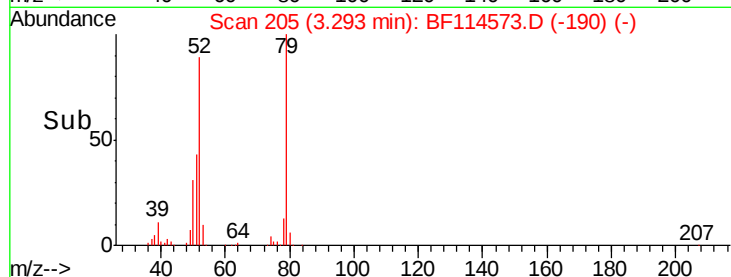
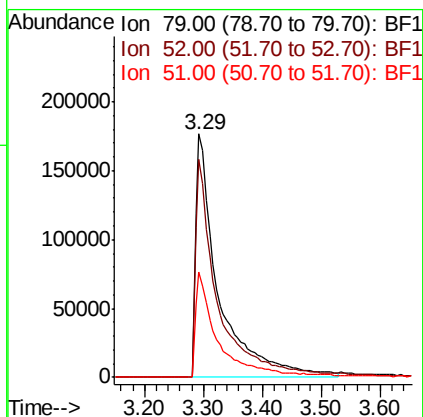
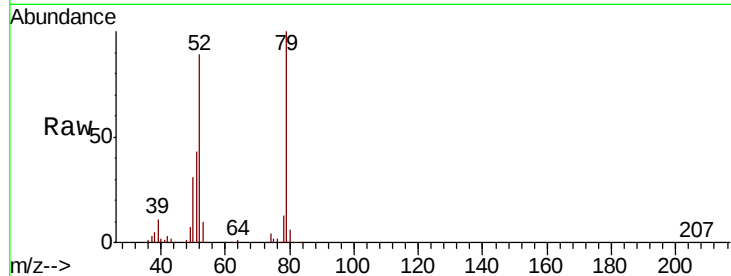
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	478725
Ion Ratio	Lower	Upper	
79	100		
52	89.3	70.6	105.8
51	43.5	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 34.206 ng

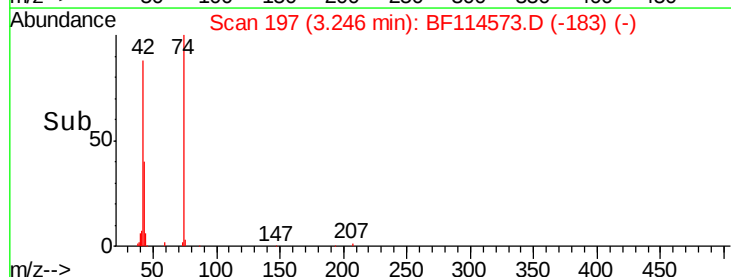
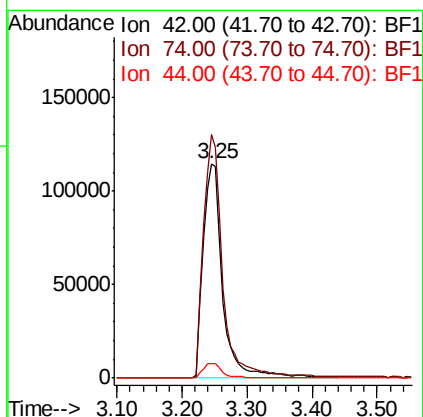
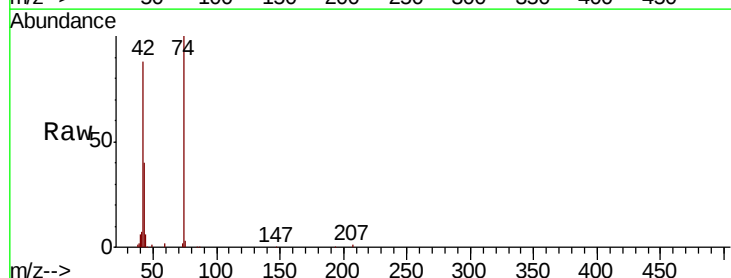
RT: 3.25 min Scan# 197

Delta R.T. -0.02 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion:	42	Resp:	239373
Ion Ratio	Lower	Upper	
42	100		
74	113.6	88.6	132.8
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 80.326 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

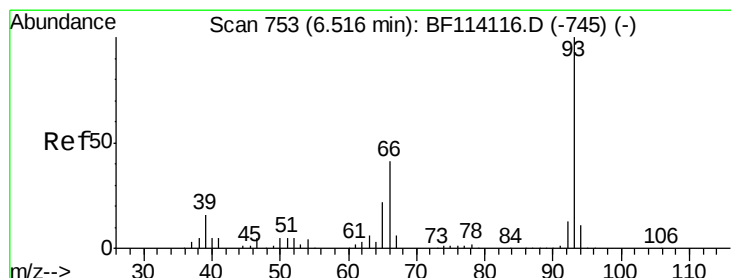
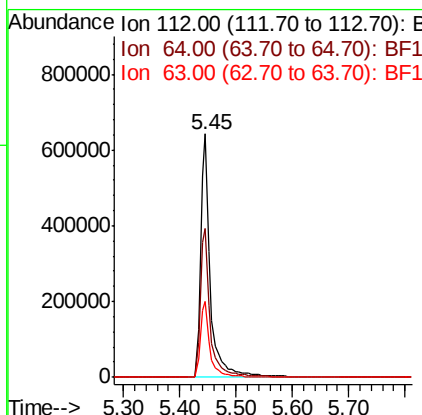
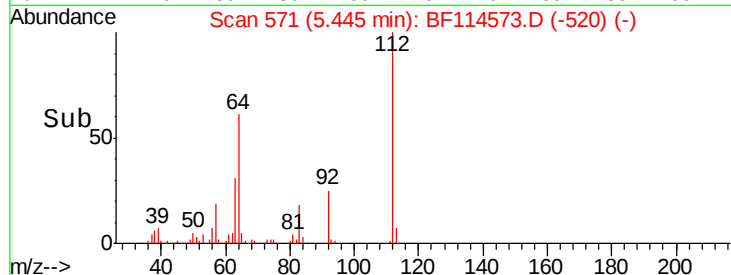
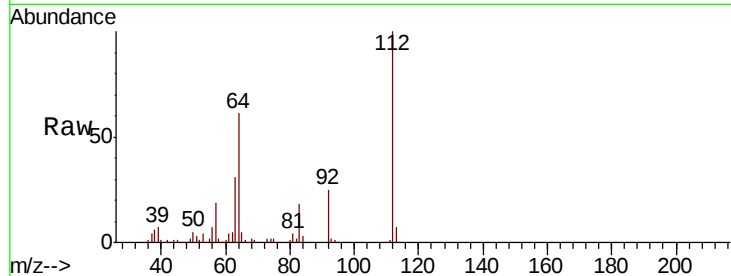
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	769721		
64	61.4	49.0	73.6	
63	31.1	24.6	37.0	

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#6

Aniline

Concen: 39.865 ng

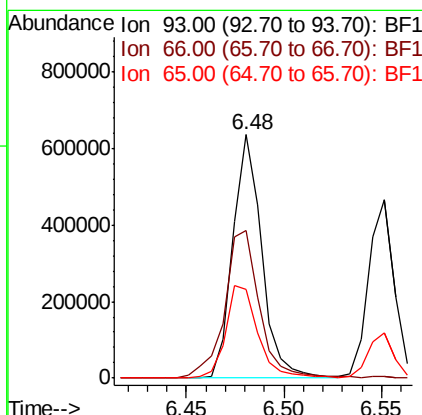
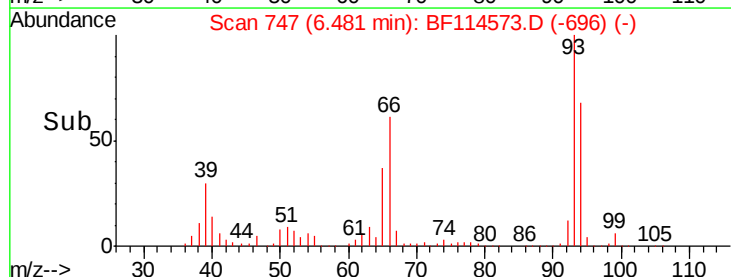
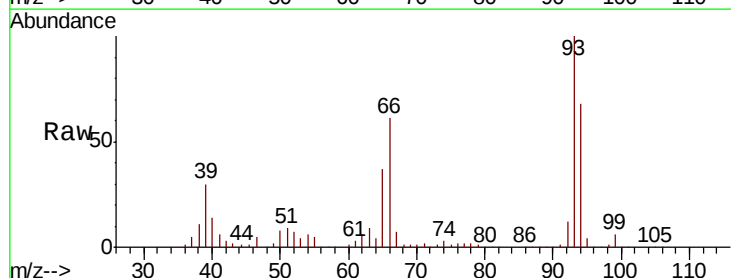
RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	652639		
66	60.9	33.2	49.8#	
65	36.5	17.6	26.4#	





#7

Phenol-d6

Concen: 82.368 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

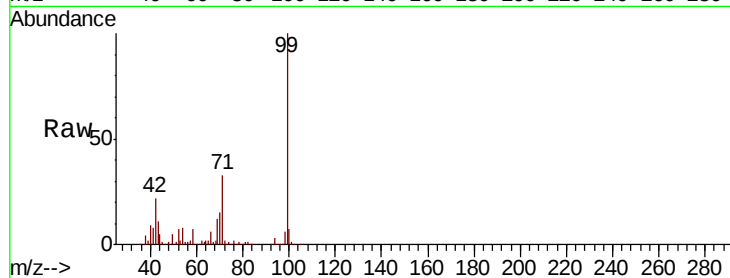
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SSTDCCC040

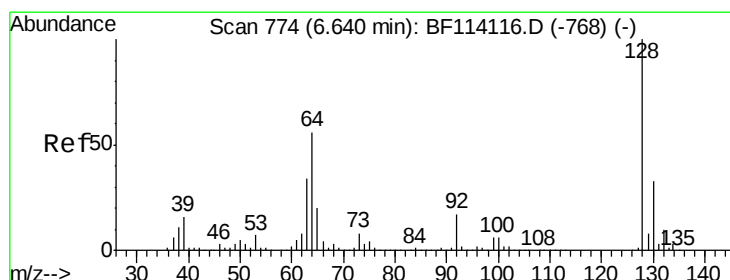
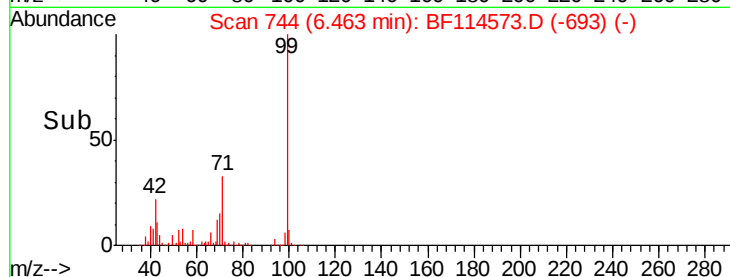
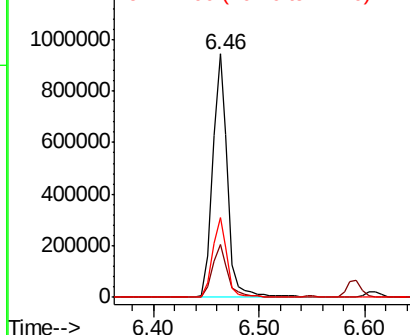
Tot Ion:	99	Resp:	933510
Ion Ratio	Lower	Upper	
99	100		
42	22.0	17.9	26.9
71	32.6	26.2	39.2

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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: 41.808 ng

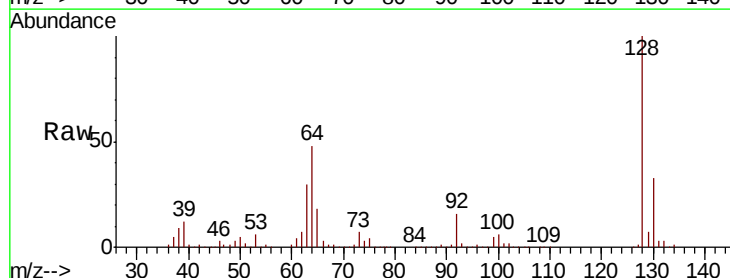
RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

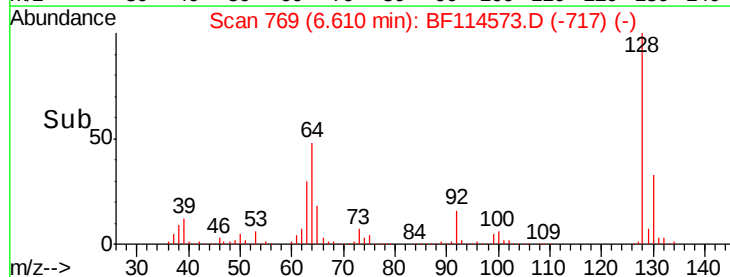
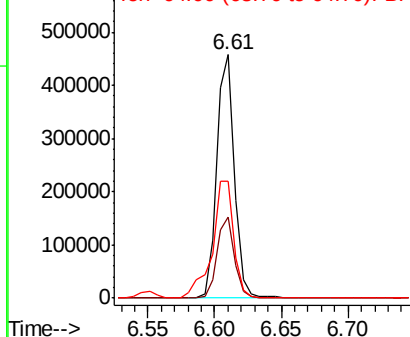
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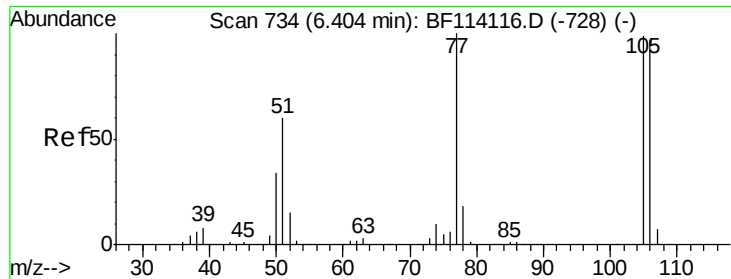
Acq: 24 May 2019 16:49

Tgt Ion:	128	Resp:	427682
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.6	52.6
64	47.8	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





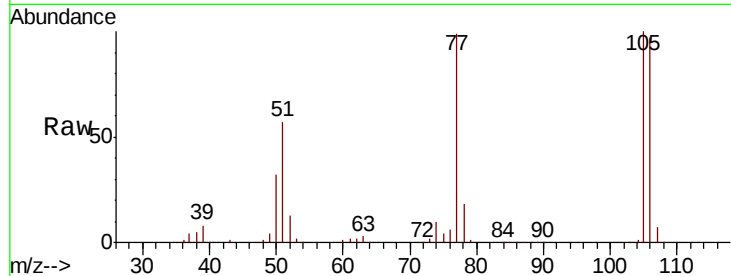
#9
Benzaldehyde
Concen: 34.536 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

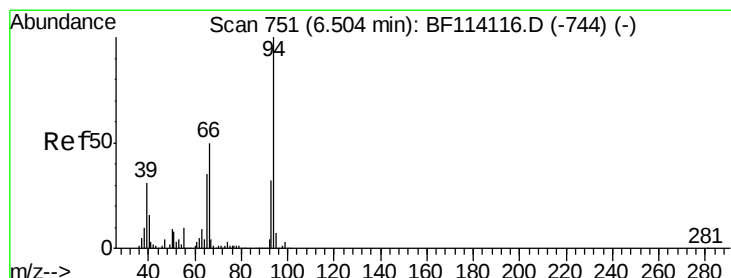
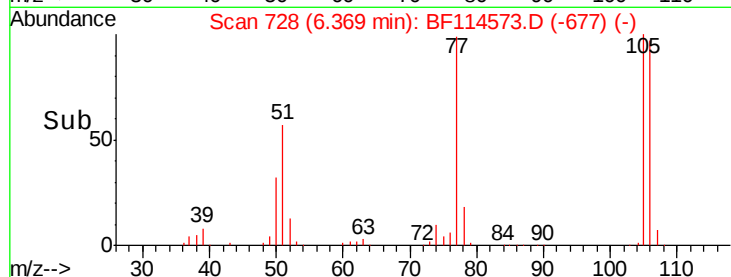
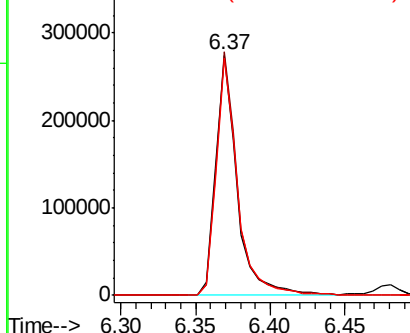
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.5	79.3	119.3		
106	98.8	77.0	117.0		

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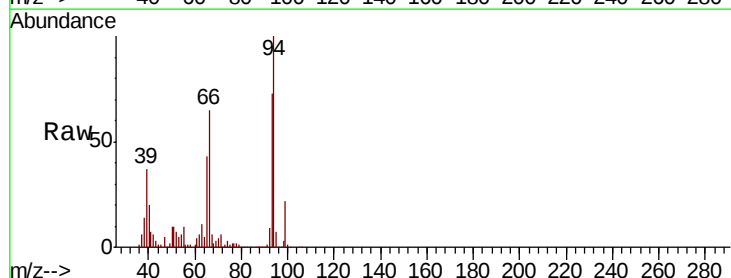


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

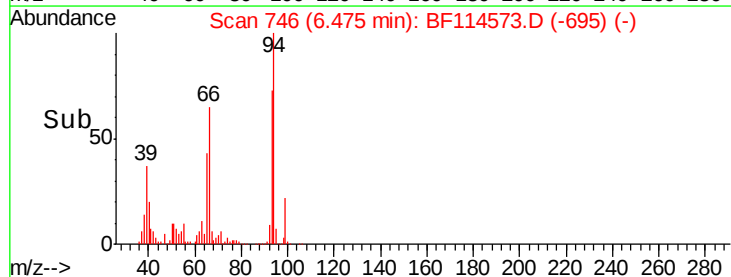
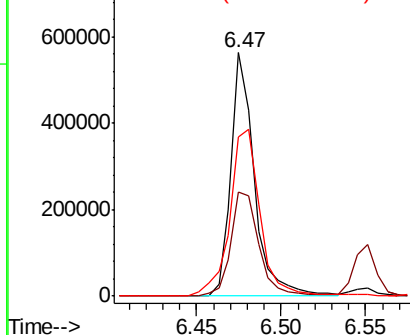


#10
Phenol
Concen: 40.775 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	43.0	14.7	54.7		
66	65.2	29.6	69.6		



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





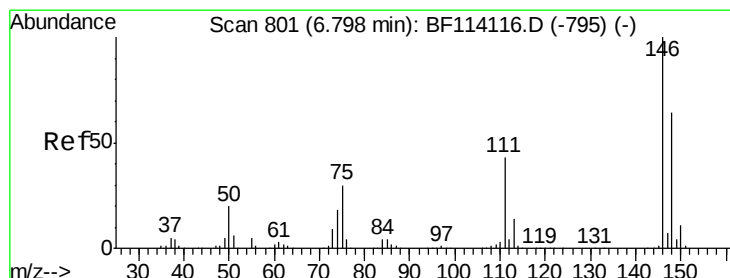
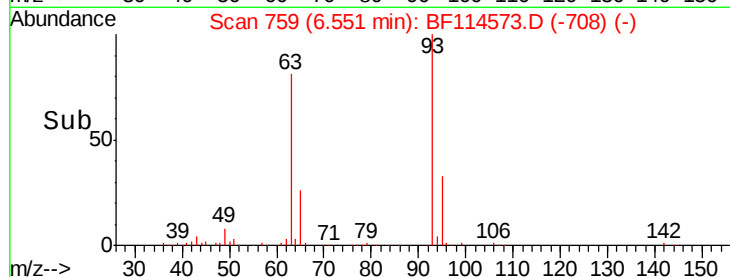
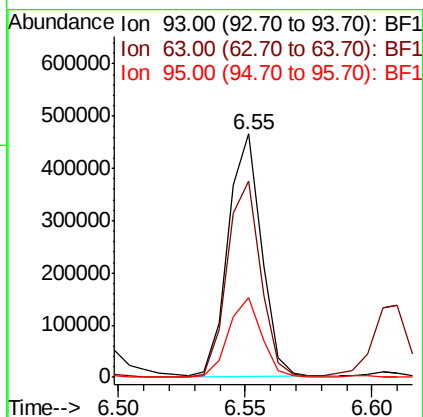
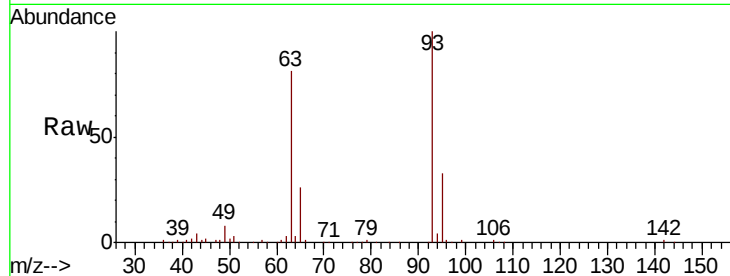
#11
bis(2-Chloroethyl)ether
Concen: 41.586 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	63.6	103.6
95	33.0	13.1	53.1

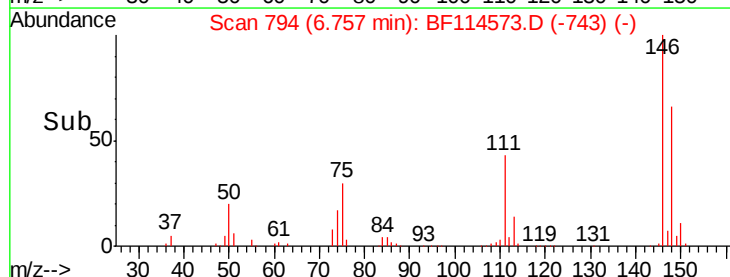
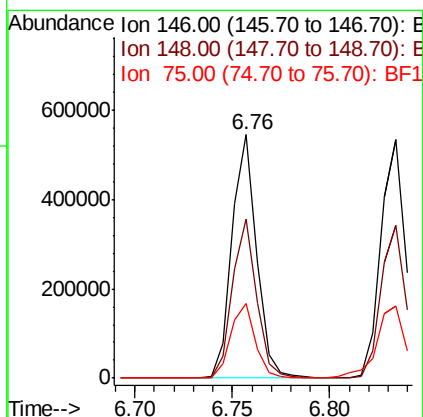
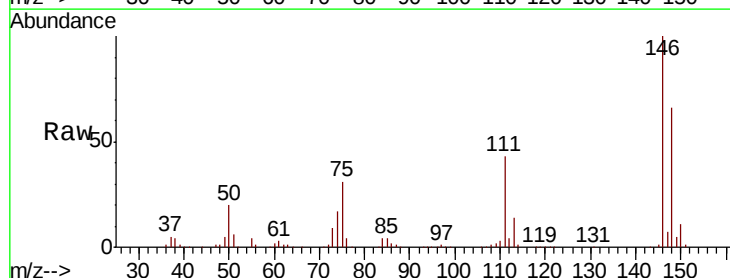
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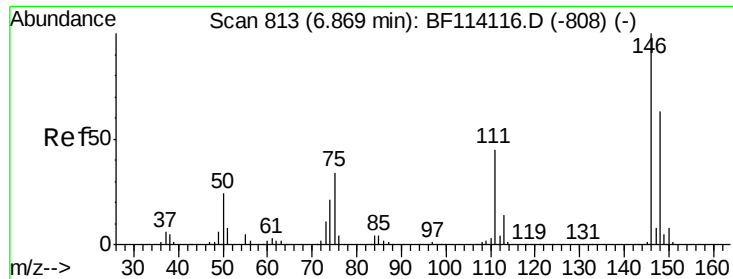
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#12
1,3-Dichlorobenzene
Concen: 41.577 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
75	30.5	24.2	36.2





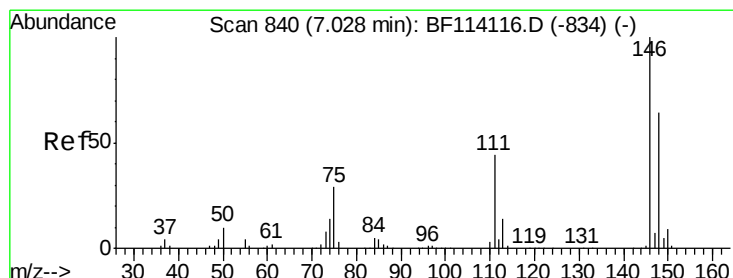
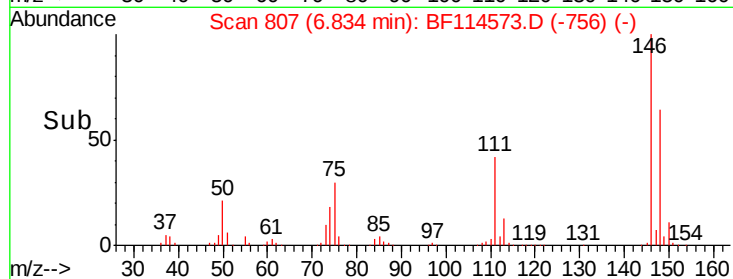
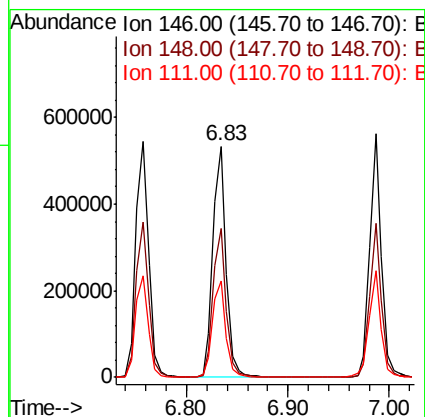
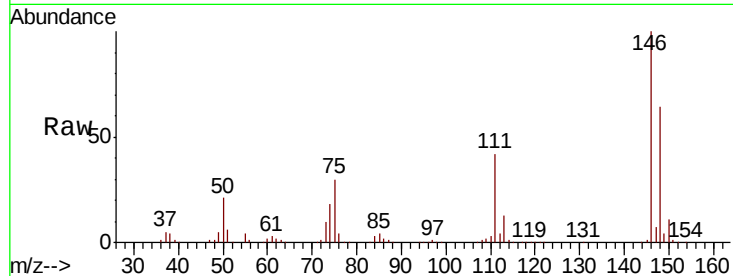
#13
1,4-Dichlorobenzene
Concen: 41.853 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	41.7	35.8	53.6

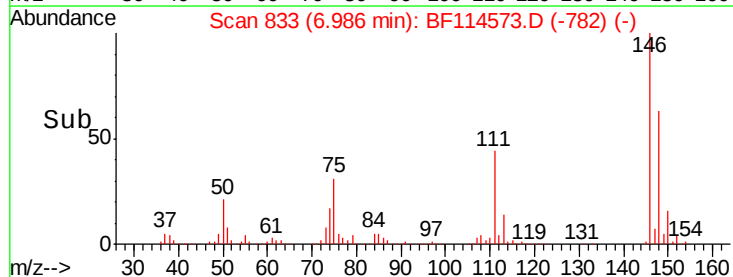
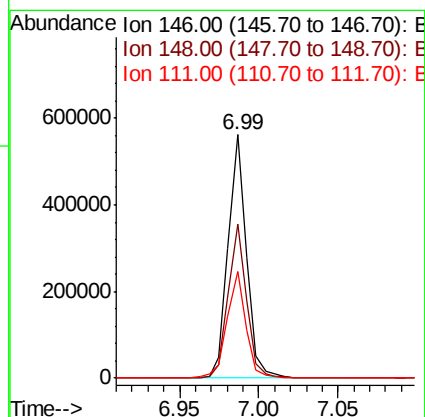
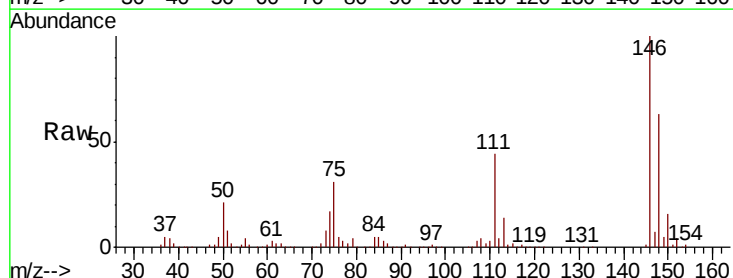
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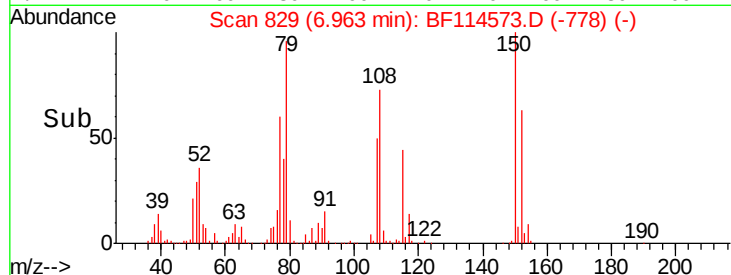
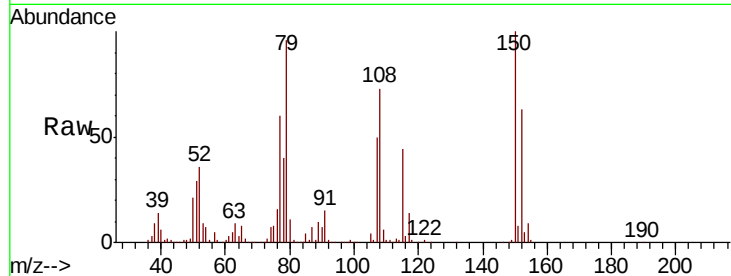
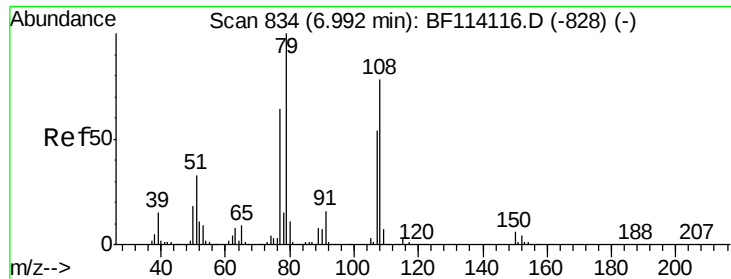
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#14
1,2-Dichlorobenzene
Concen: 42.691 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	43.9	35.3	52.9





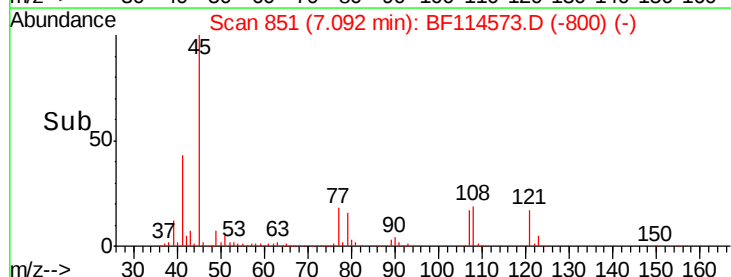
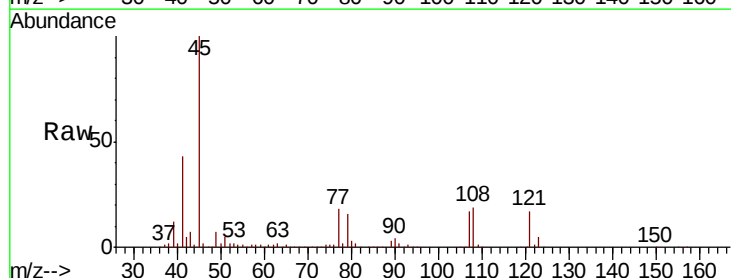
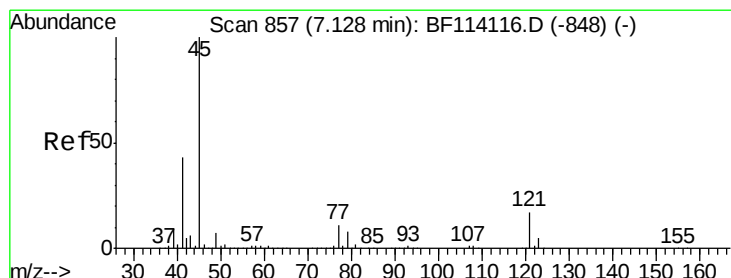
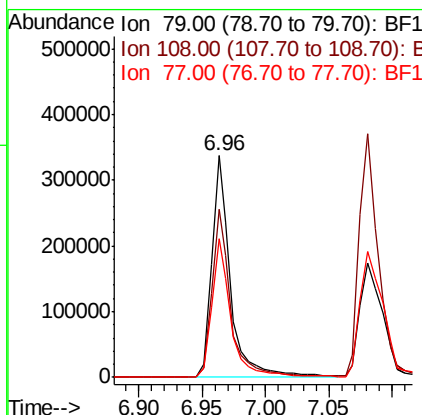
#15
Benzyl Alcohol
Concen: 39.788 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	62.1	93.1
77	62.7	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

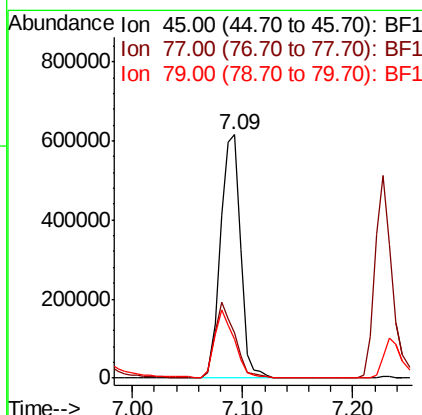
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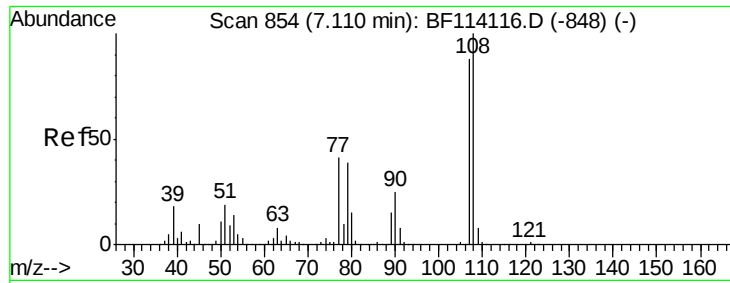
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.819 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	31.1
79	16.1	0.0	28.4





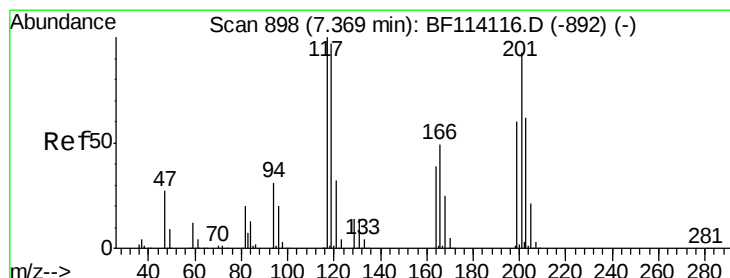
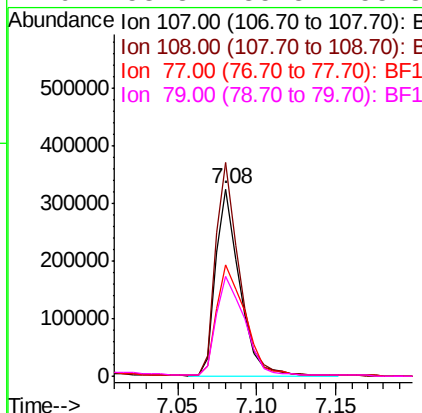
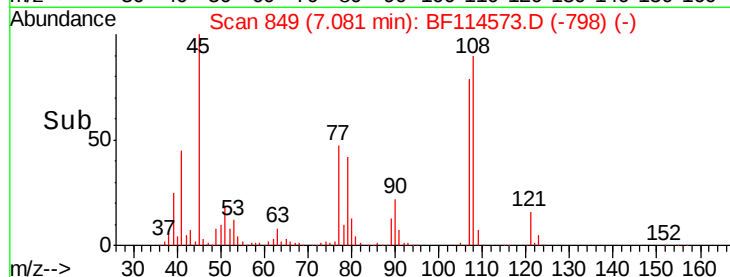
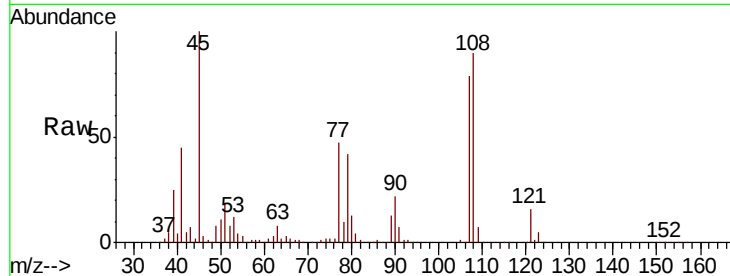
#17
2-Methylphenol
Concen: 40.126 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	90.5	135.7	
77	59.1	37.0	55.4	
79	53.3	35.8	53.8	

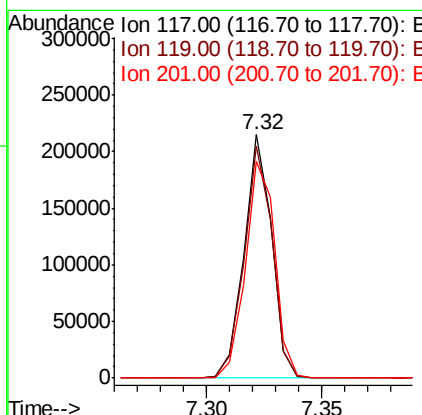
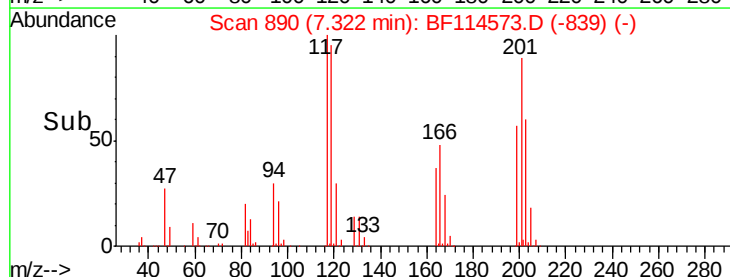
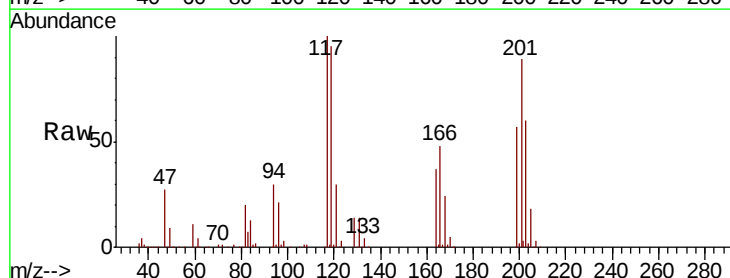
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#18
Hexachloroethane
Concen: 41.533 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.2	
201	88.9	74.5	111.7	





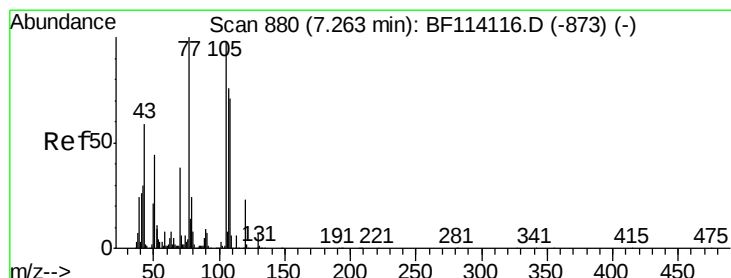
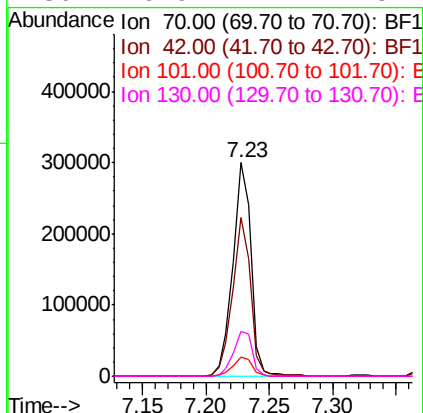
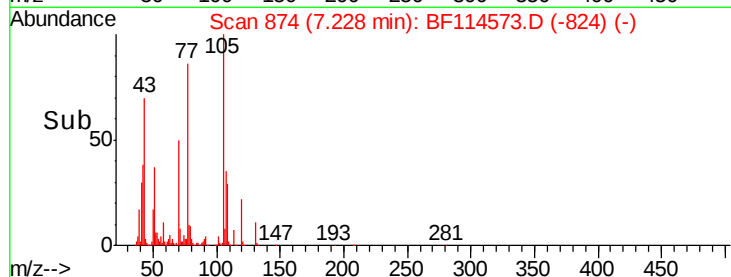
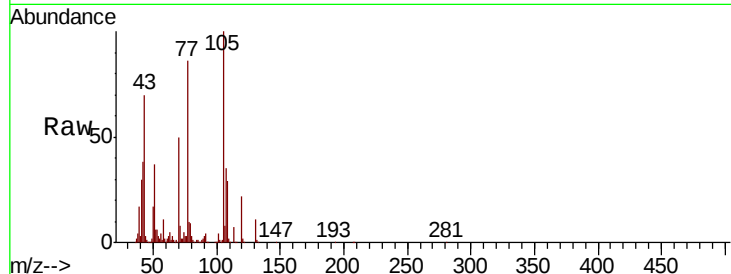
#19
n-Nitroso-di-n-propylamine
Concen: 41.379 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.5	58.6	87.8
101	8.9	7.8	11.8
130	20.9	17.1	25.7

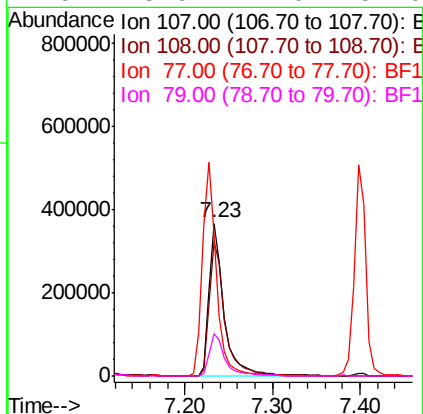
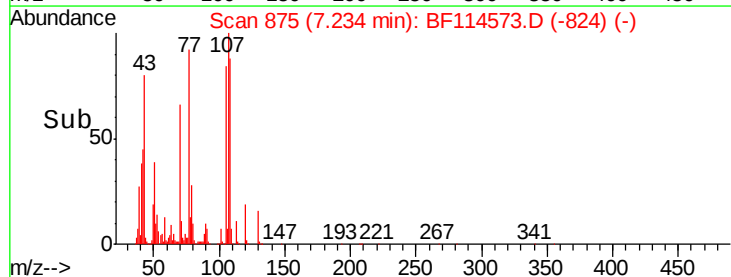
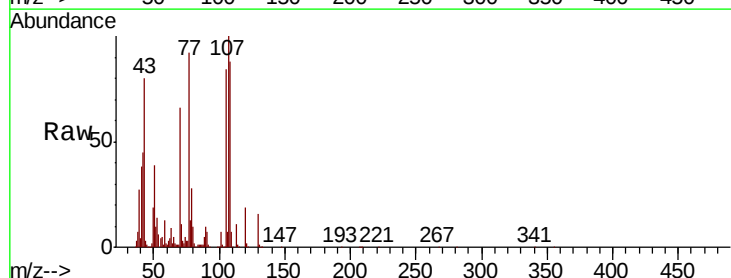
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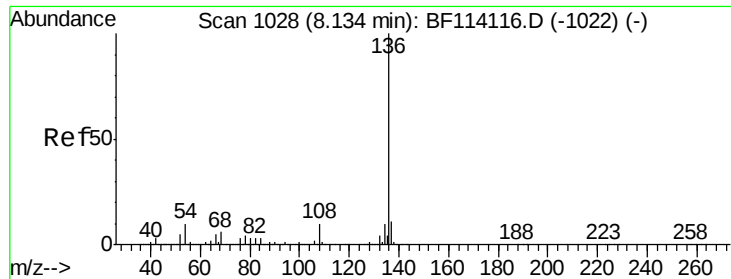
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#20
3+4-Methylphenols
Concen: 44.526 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.8	113.8
77	92.3	111.5	151.5#
79	28.0	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

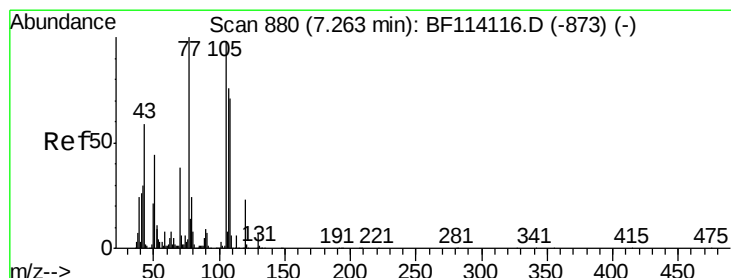
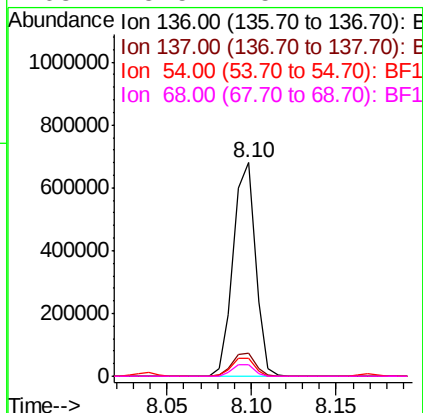
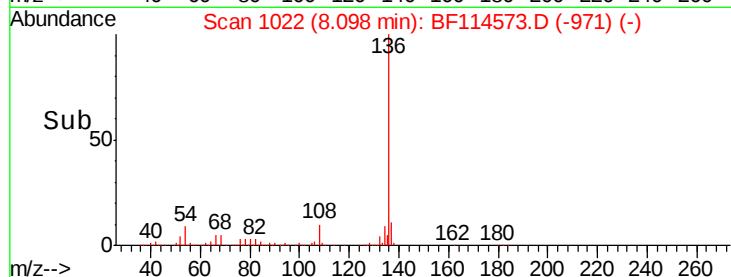
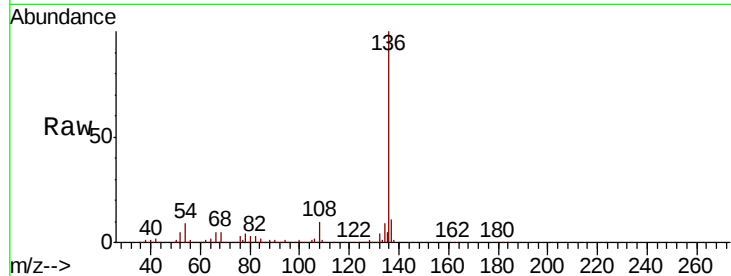
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	625626		
137	10.8		8.8	13.2
54	8.6		7.8	11.8
68	5.5		5.1	7.7

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#22

Acetophenone

Concen: 41.118 ng

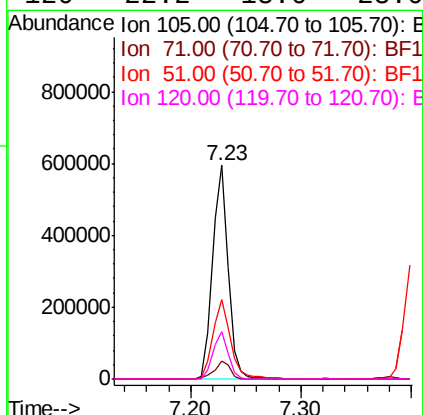
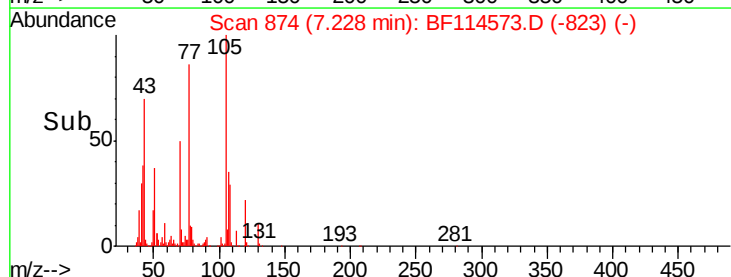
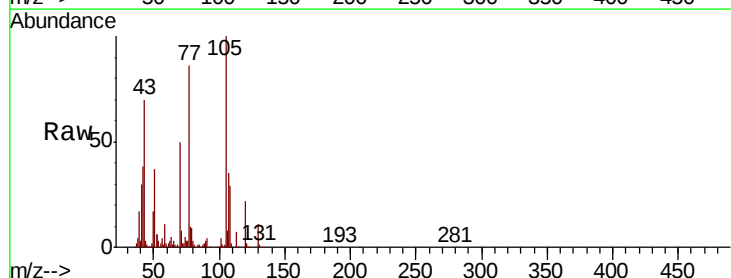
RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	569877		
71	8.3		5.3	7.9#
51	37.4		36.2	54.4
120	22.2		18.6	28.0





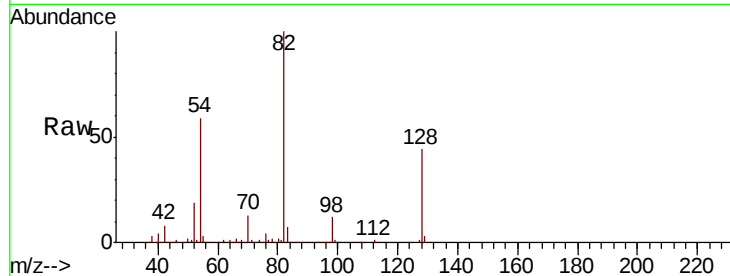
#23
 Nitrobenzene-d5
 Concen: 79.990 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

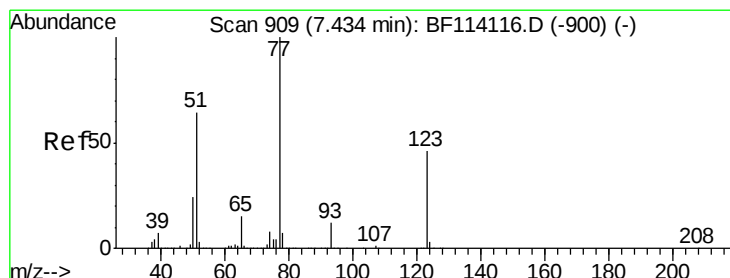
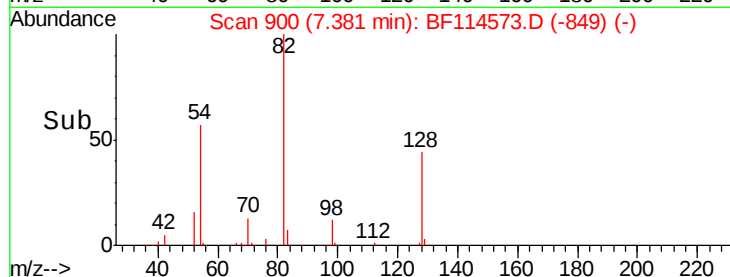
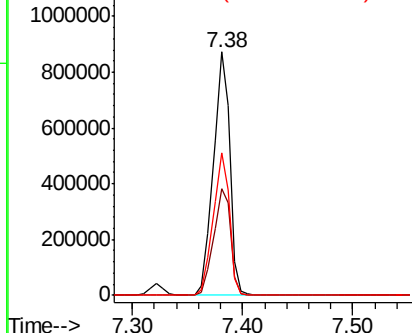
Tot Ion	Ratio	Resp	Lower	Upper
82	100	891727		
128	43.9	35.5	53.3	
54	58.6	48.5	72.7	

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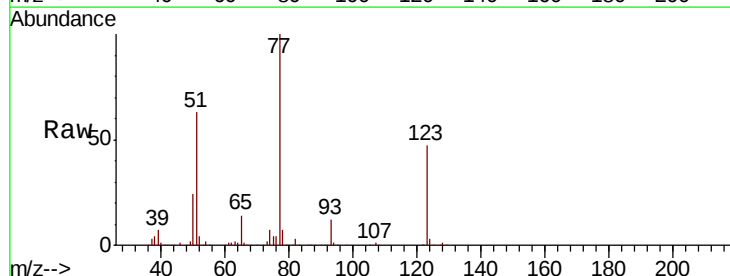


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

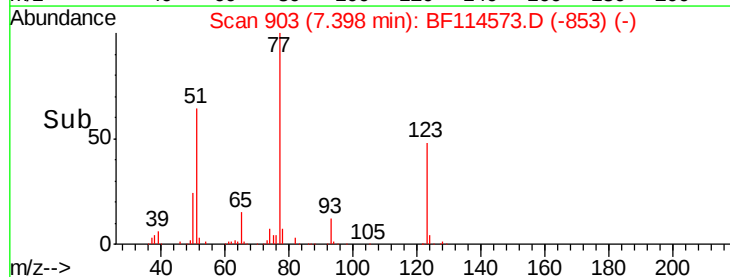
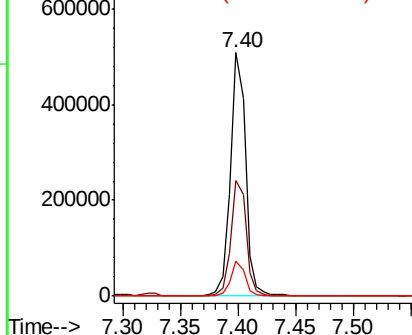


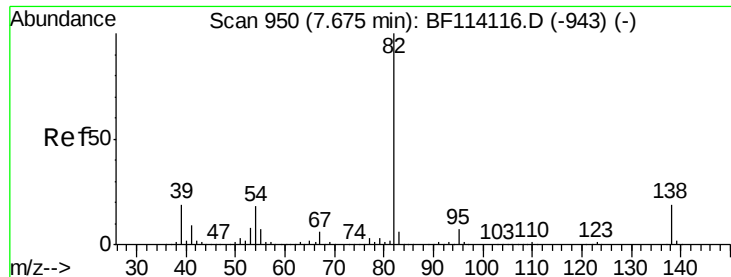
#24
 Nitrobenzene
 Concen: 40.539 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	460288		
123	47.4	36.9	55.3	
65	14.4	11.8	17.6	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.834 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

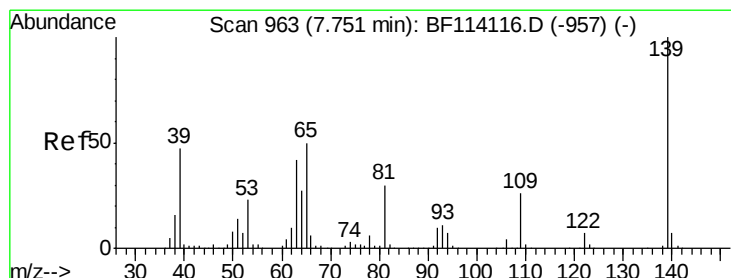
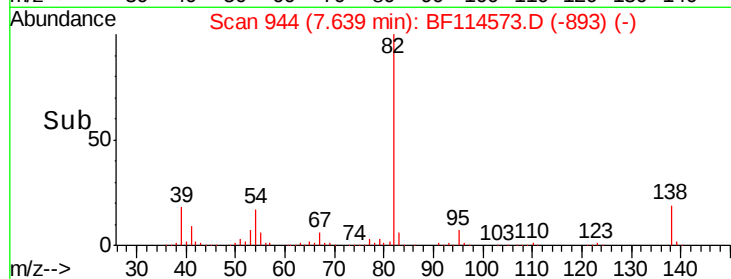
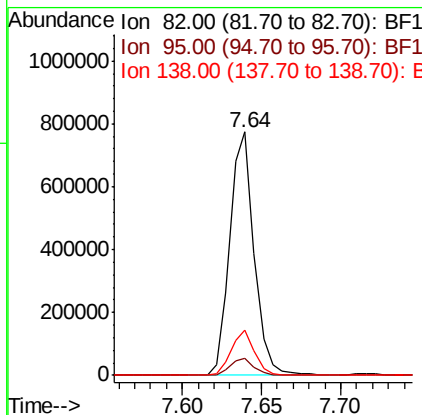
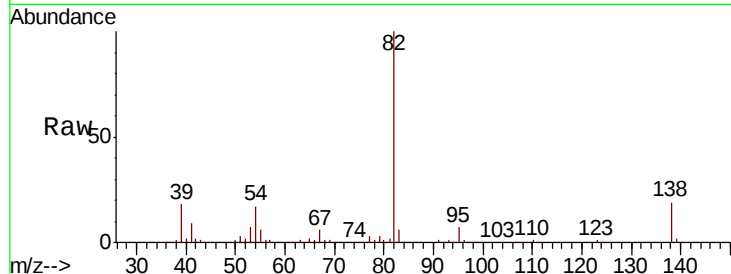
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	823579
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.8	14.8	22.2

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#26

2-Nitrophenol

Concen: 41.659 ng

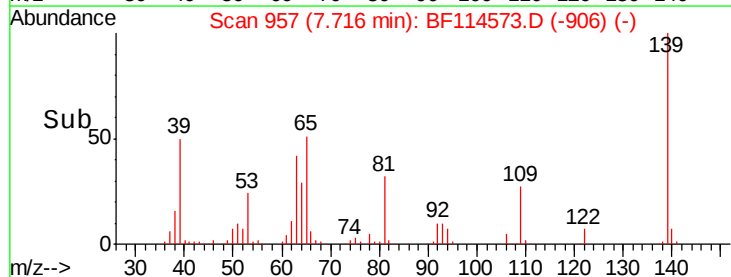
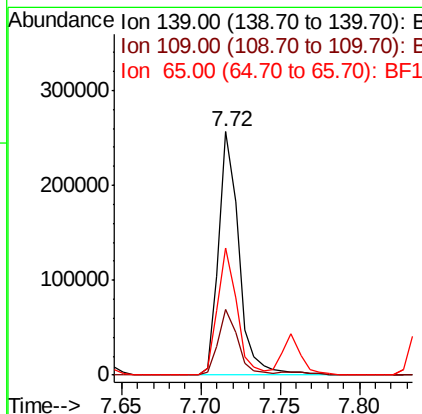
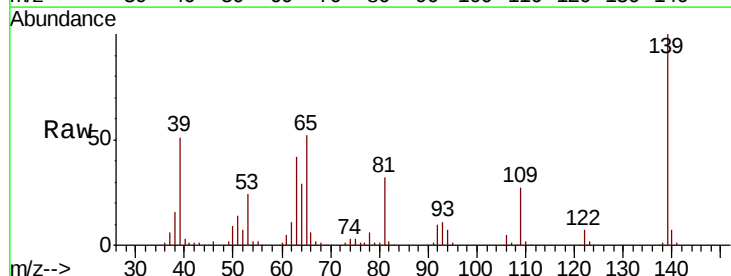
RT: 7.72 min Scan# 957

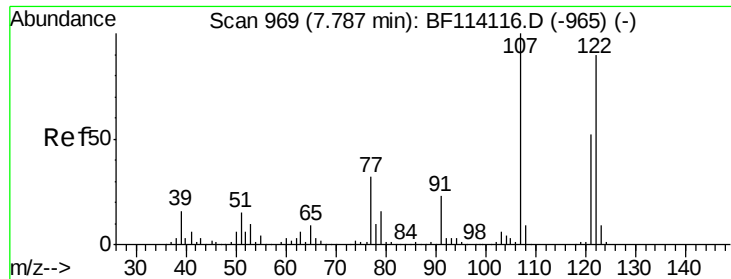
Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion:	139	Resp:	229488
Ion	Ratio	Lower	Upper
139	100		
109	27.0	20.7	31.1
65	52.3	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 38.219 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

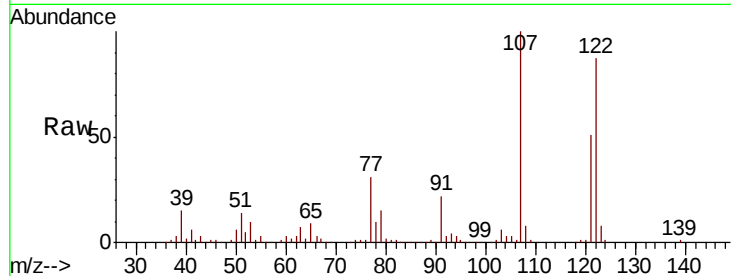
ClientSampleId :

SSTDCCC040

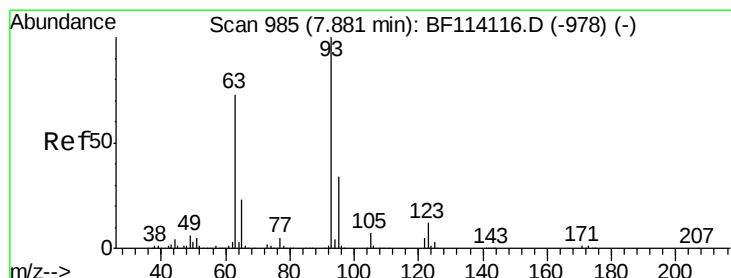
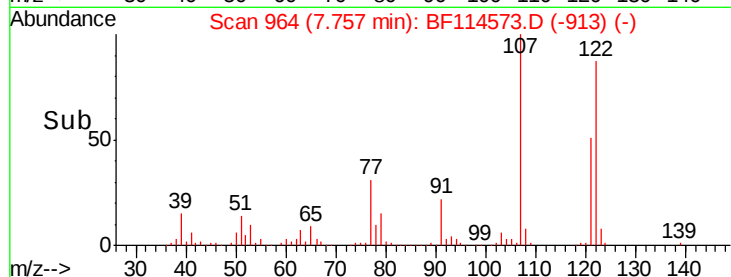
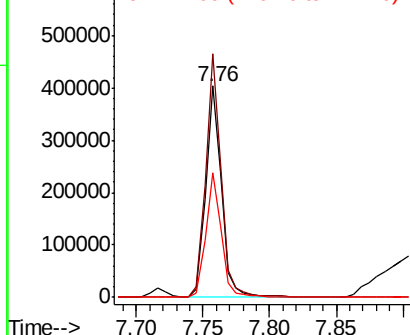
Tot Ion:	122	Resp:	330670
Ion Ratio	Lower	Upper	
122	100		
107	115.1	88.4	132.6
121	59.2	45.9	68.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.389 ng

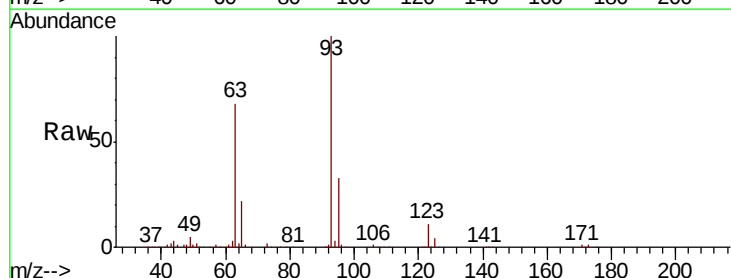
RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

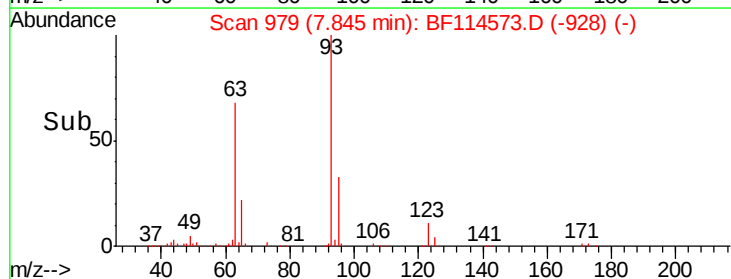
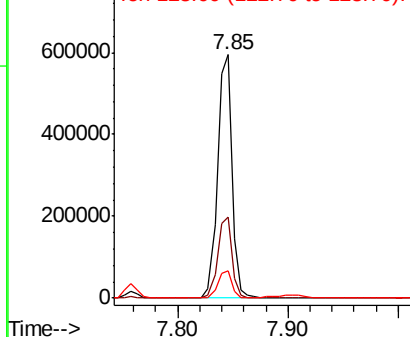
Lab File: BF114573.D

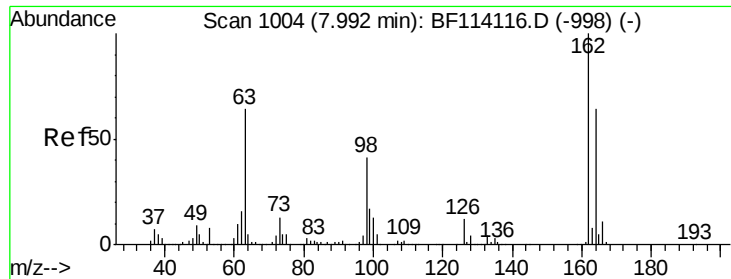
Acq: 24 May 2019 16:49

Tgt Ion:	93	Resp:	541816
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.8	40.2
123	11.3	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





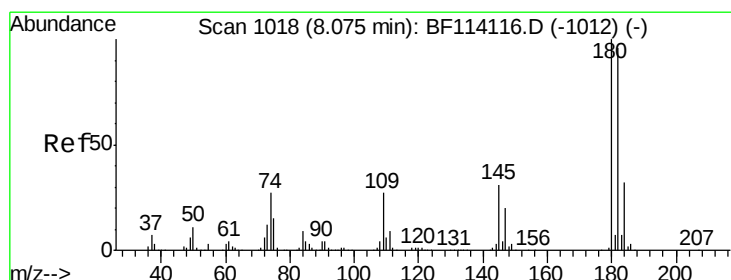
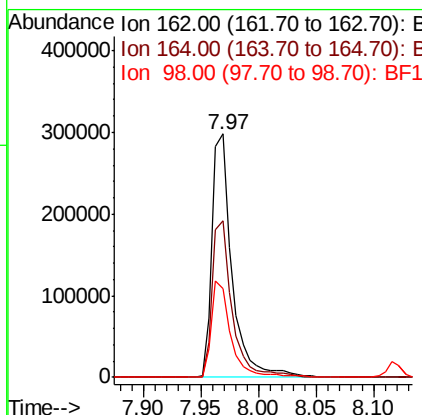
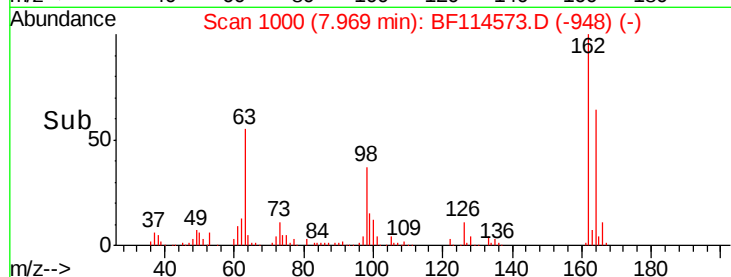
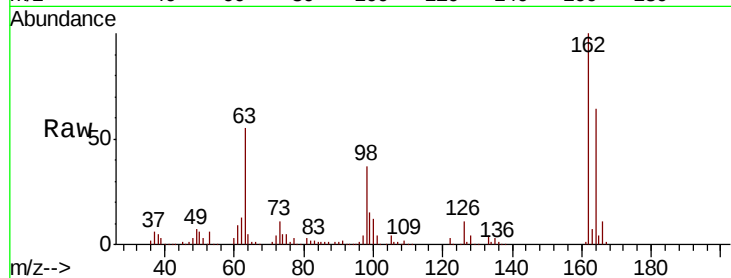
#29
2,4-Dichlorophenol
Concen: 41.608 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	358464		
164	64.3	43.6	83.6	
98	36.6	20.6	60.6	

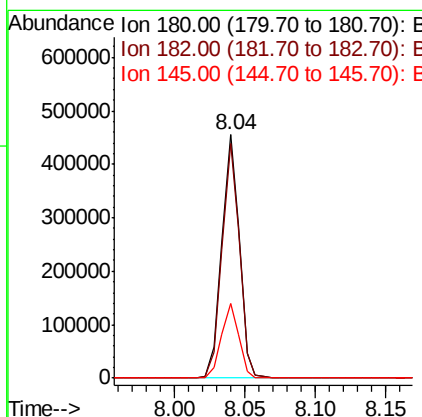
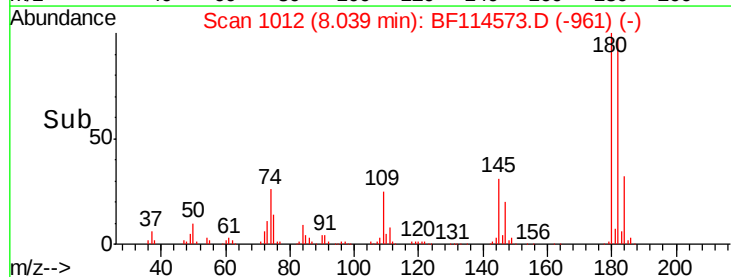
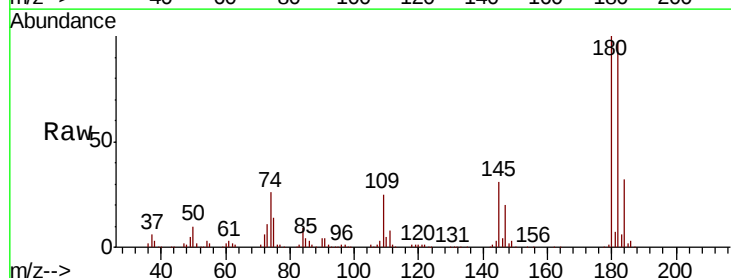
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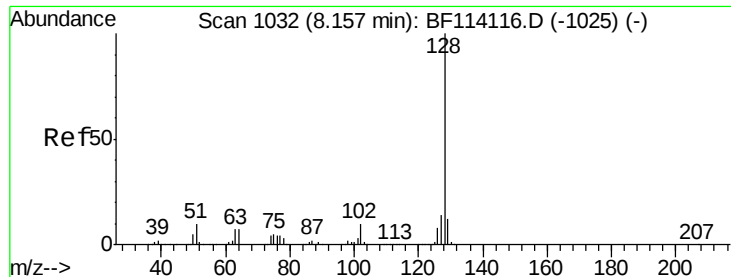
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#30
1,2,4-Trichlorobenzene
Concen: 40.502 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396778		
182	96.6	76.6	114.8	
145	30.6	25.1	37.7	





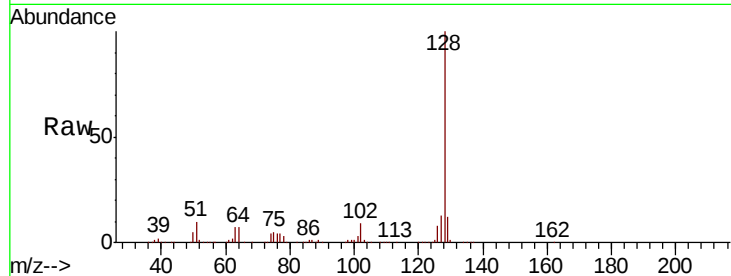
#31
Naphthalene
Concen: 41.773 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.4	11.3	16.9

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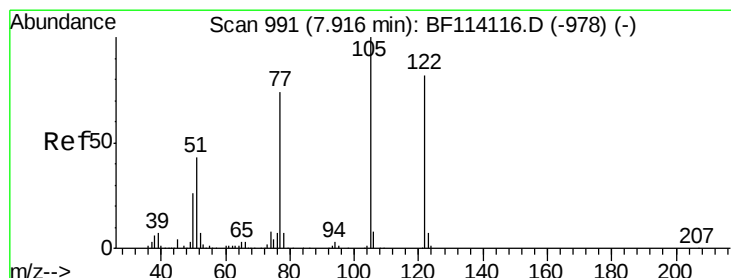
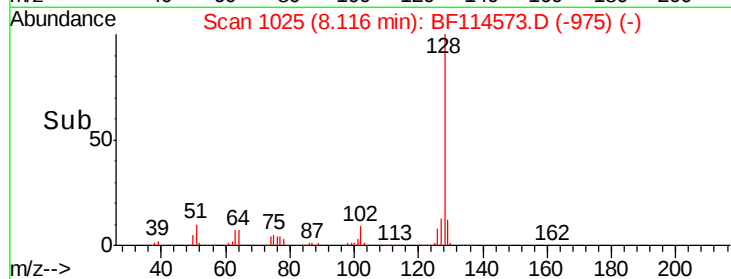
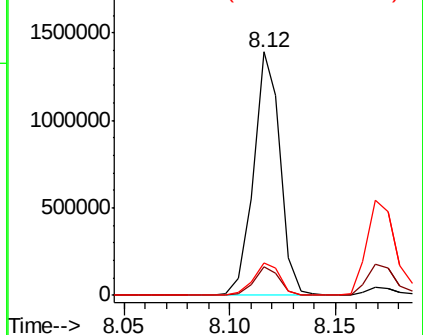


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.641 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

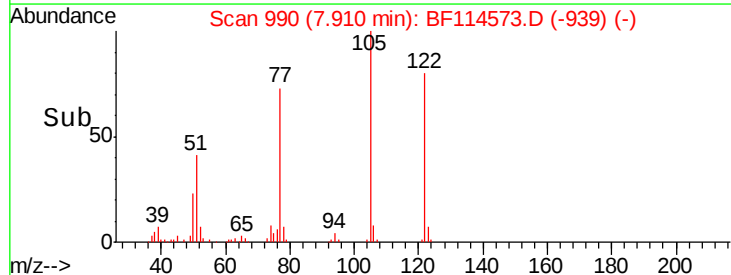
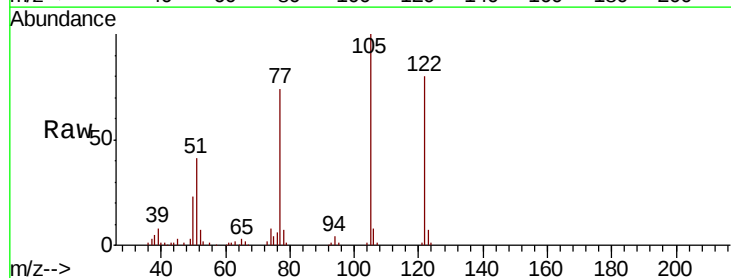
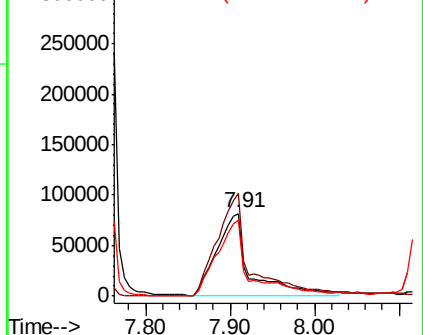
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	99.9	139.9
77	91.4	69.4	109.4

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





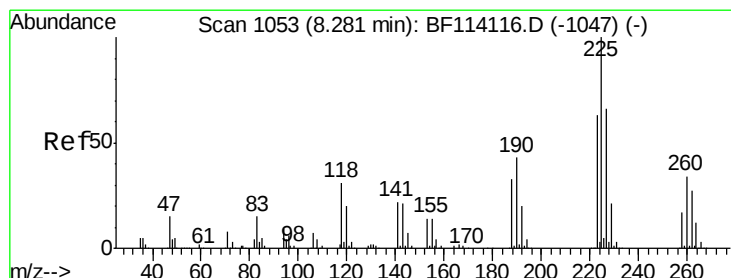
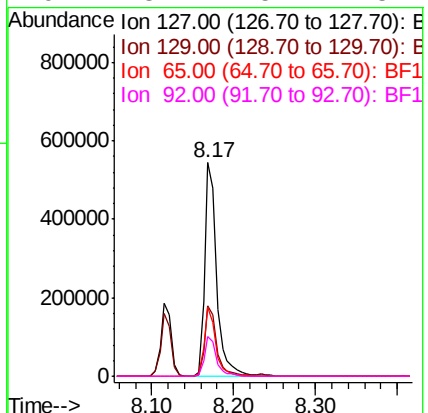
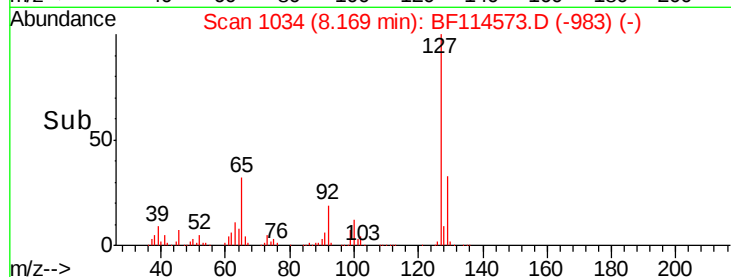
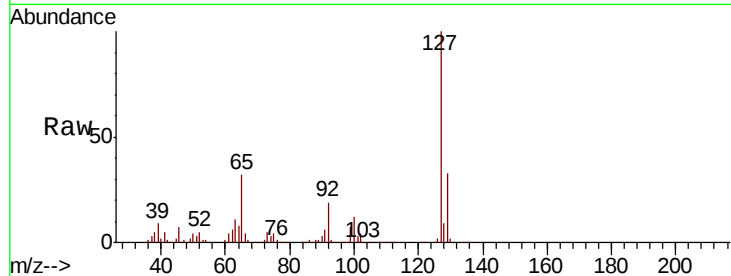
#33
4-Chloroaniline
Concen: 42.177 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.7	40.1		
65	32.1	25.4	38.0		
92	18.7	15.4	23.2		

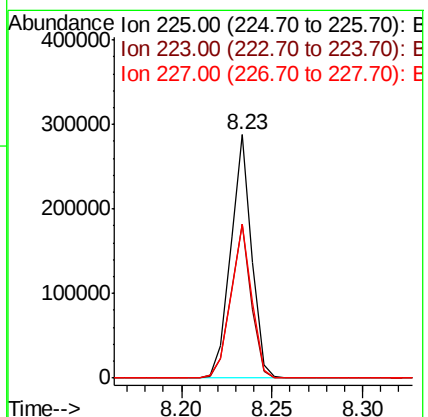
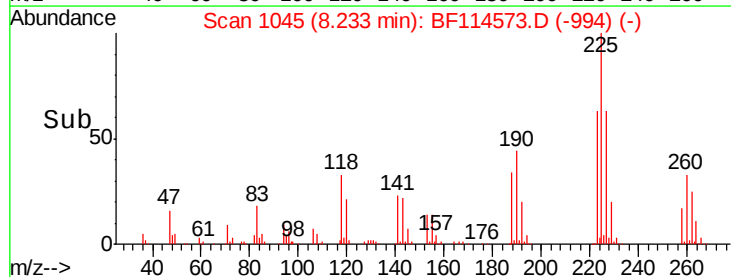
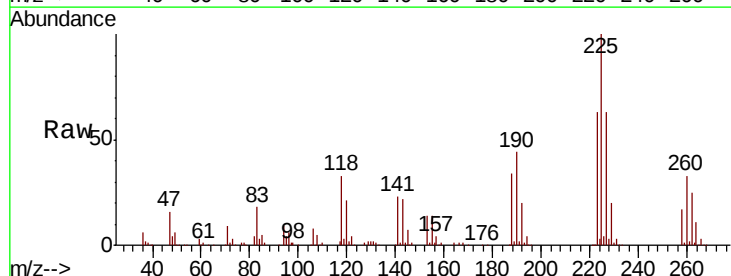
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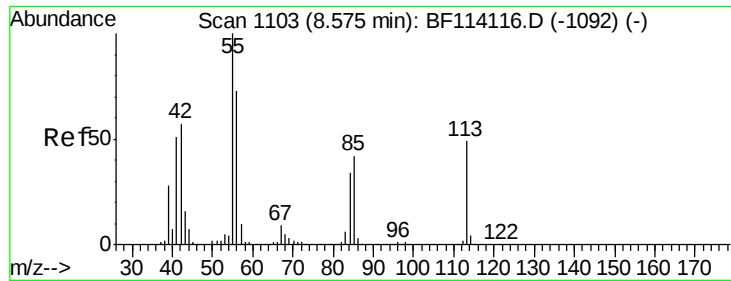
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#34
Hexachlorobutadiene
Concen: 41.301 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.2	75.2		
227	63.0	52.6	79.0		





#35

Caprolactam

Concen: 42.622 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

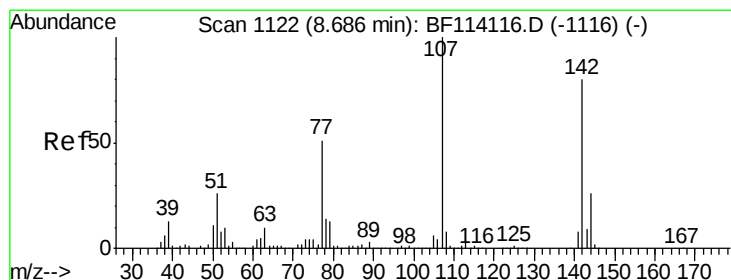
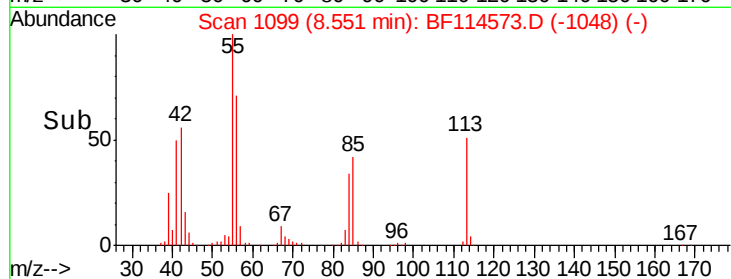
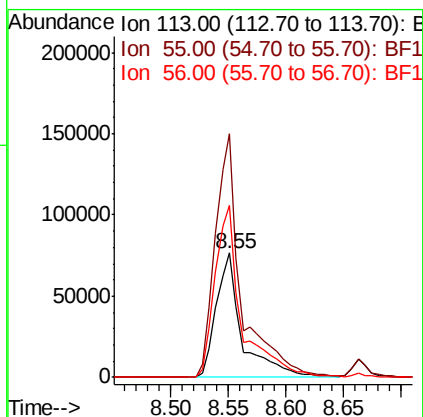
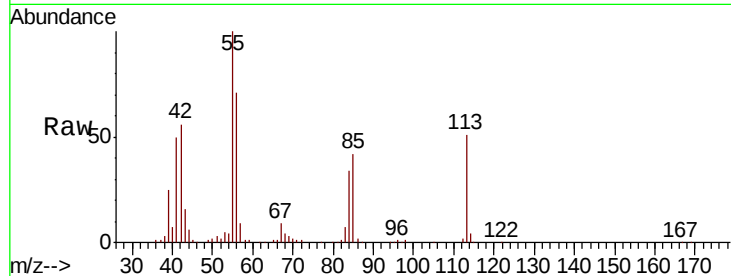
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	119733
Ion Ratio	Lower	Upper	
113	100		
55	196.4	183.5	223.5
56	138.9	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 42.370 ng

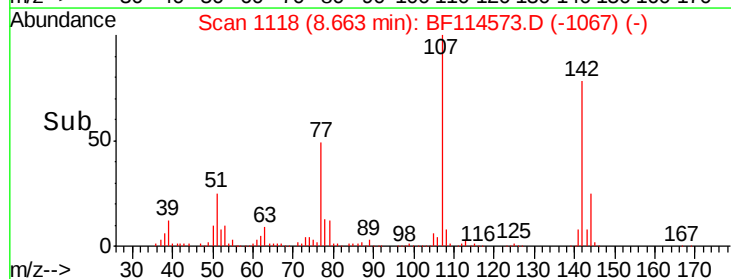
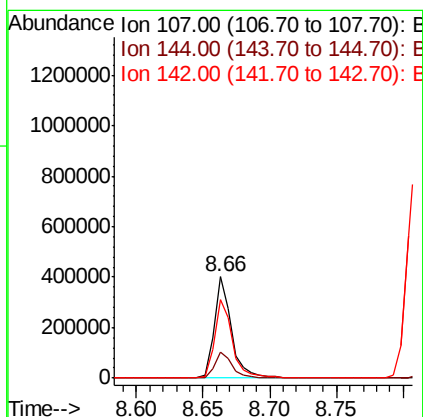
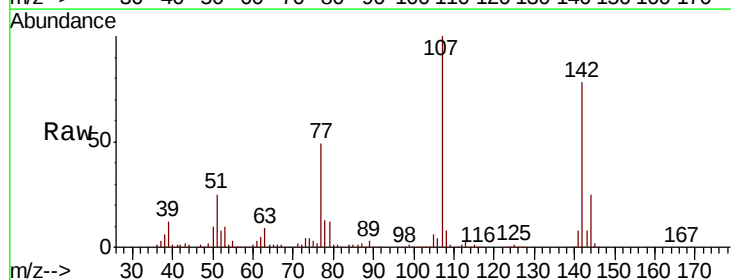
RT: 8.66 min Scan# 1118

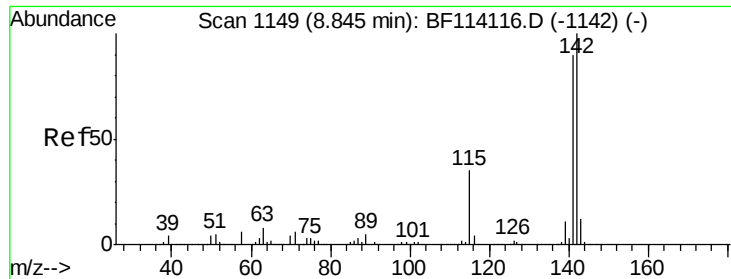
Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion:	107	Resp:	367428
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.4	30.6
142	77.5	64.2	96.4





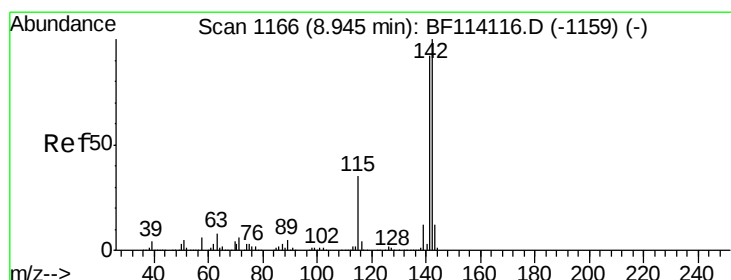
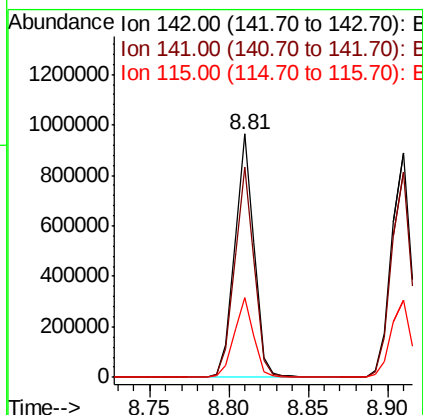
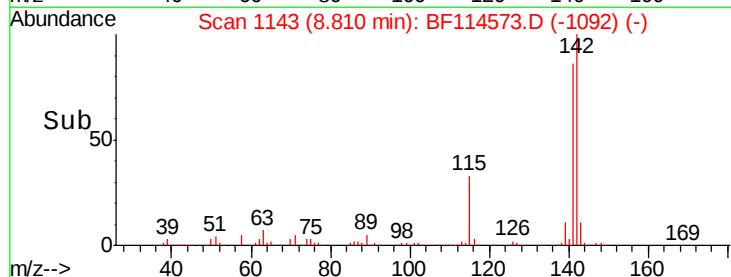
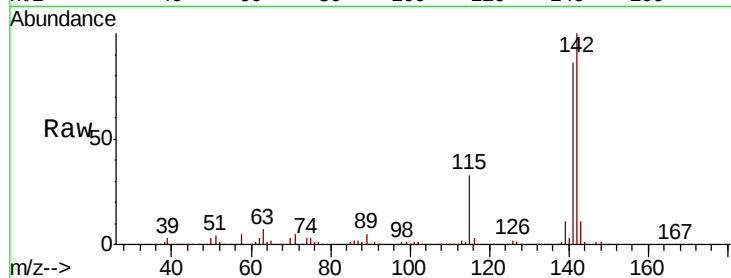
#37
2-Methylnaphthalene
Concen: 43.315 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.1	108.1
115	32.8	28.0	42.0

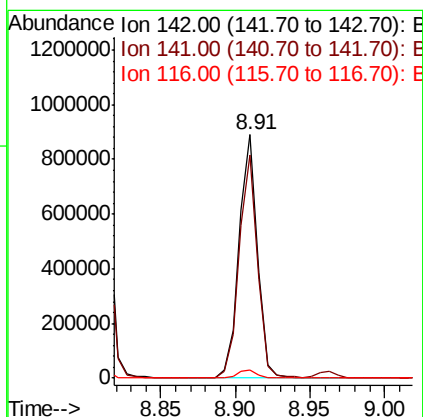
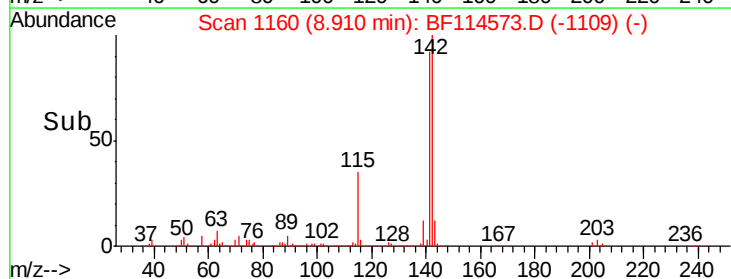
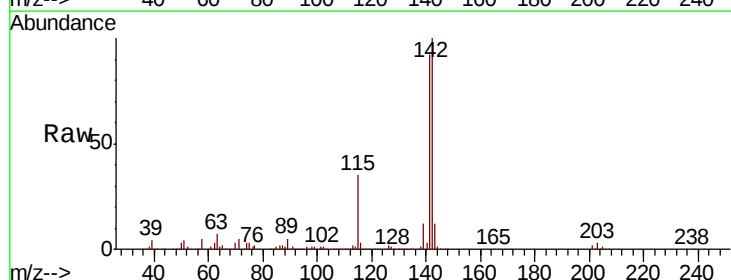
Manual Integrations
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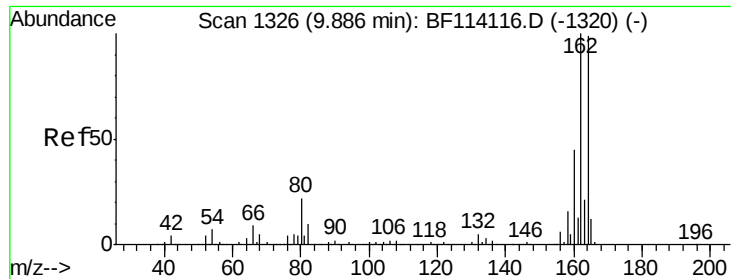
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#38
1-Methylnaphthalene
Concen: 42.901 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.0
116	3.4	3.1	4.7





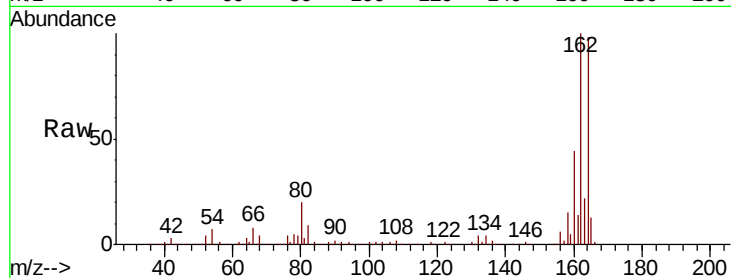
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

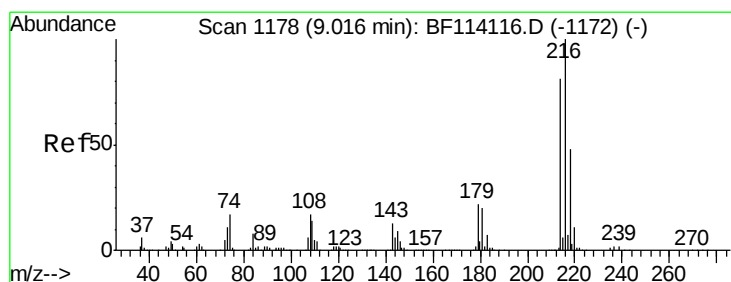
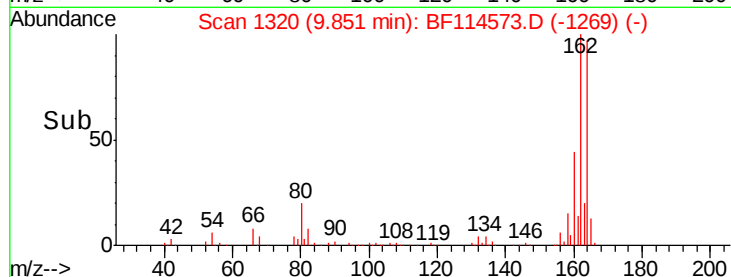
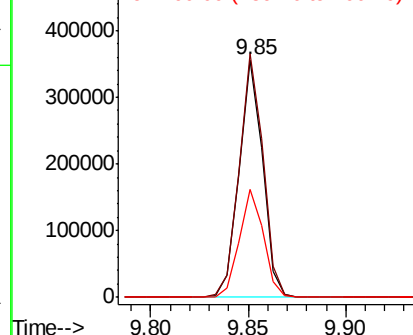
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	80.6	120.8	
160	45.3	36.5	54.7	

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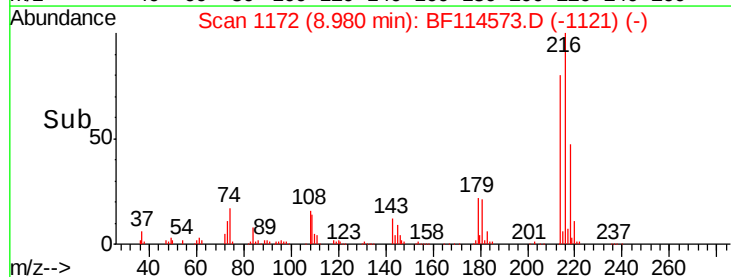
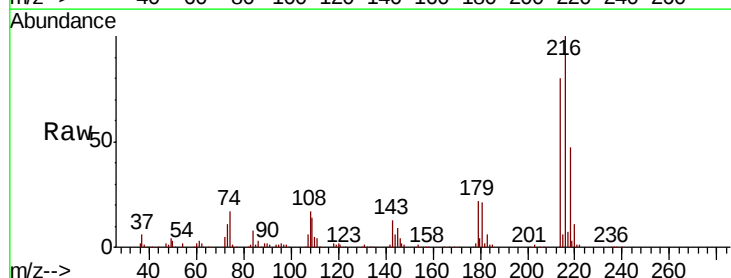
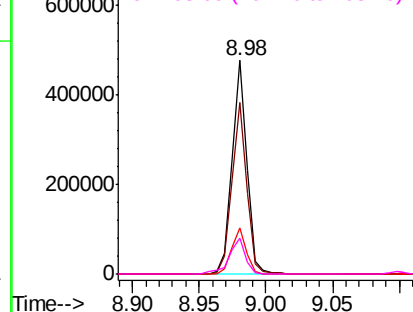
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.552 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.9	95.9	
179	21.3	17.0	25.6	
108	18.3	14.8	22.2	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.454 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

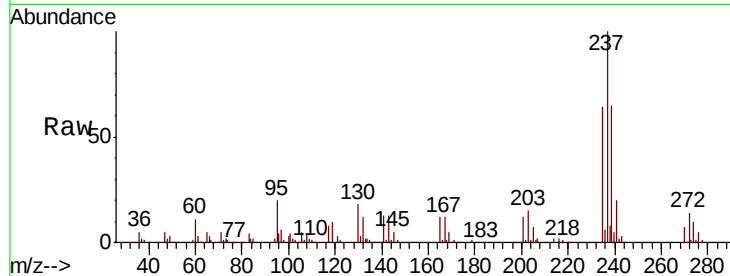
ClientSampleId :

SSTDCCC040

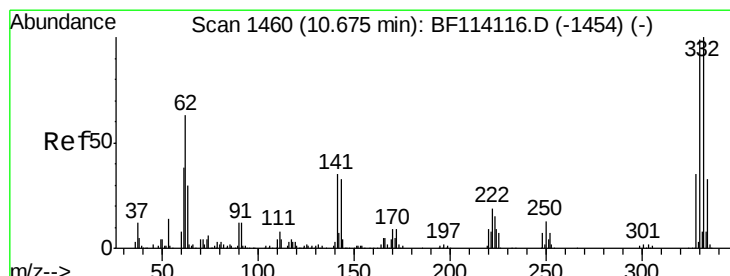
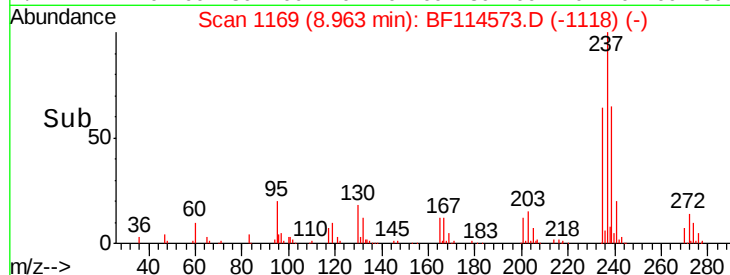
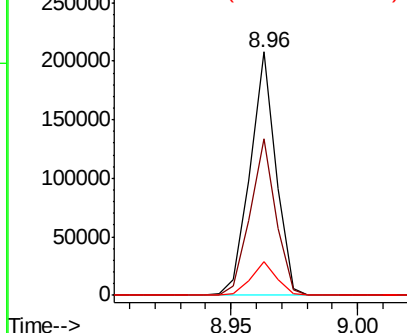
Tot Ion:	237	Resp:	147463
Ion Ratio	Lower	Upper	
237	100		
235	64.3	42.0	82.0
272	13.6	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 76.767 ng

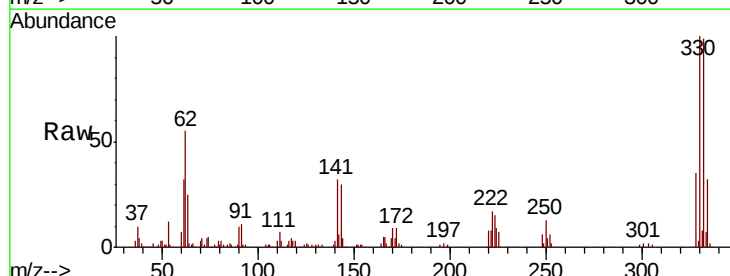
RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

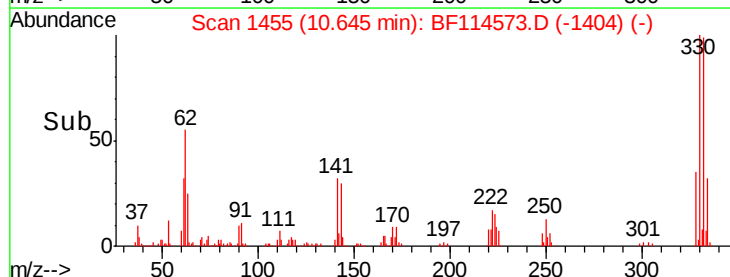
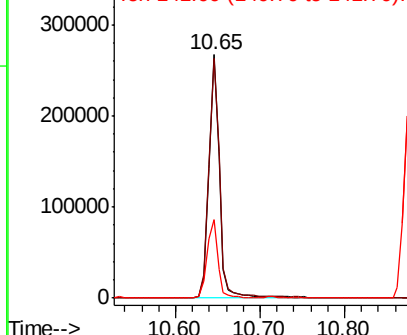
Lab File: BF114573.D

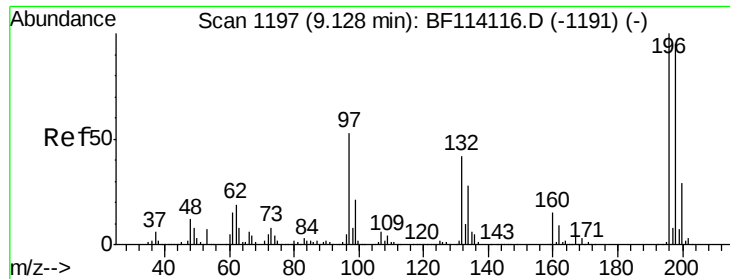
Acq: 24 May 2019 16:49

Tgt Ion:	330	Resp:	236779
Ion Ratio	Lower	Upper	
330	100		
332	100.3	81.4	122.2
141	32.6	26.6	40.0



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





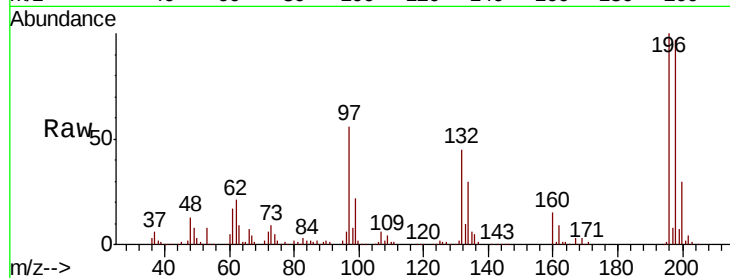
#43
 2,4,6-Trichlorophenol
 Concen: 38.960 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	242184		
198	96.5	75.9	113.9	
200	30.2	23.5	35.3	

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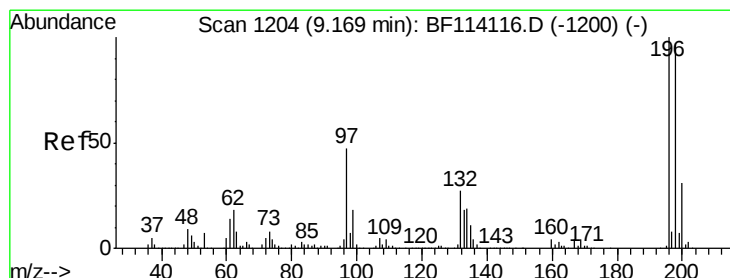
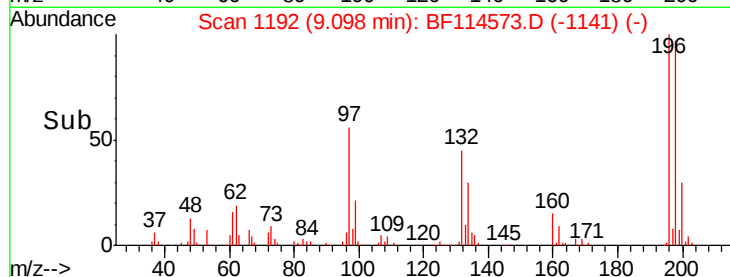
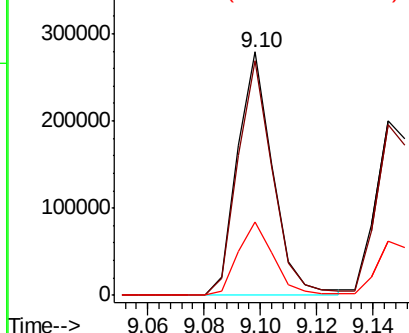


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.363 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238192		
198	98.1	77.7	116.5	
97	55.7	38.2	57.2	
132	30.8	21.4	32.2	

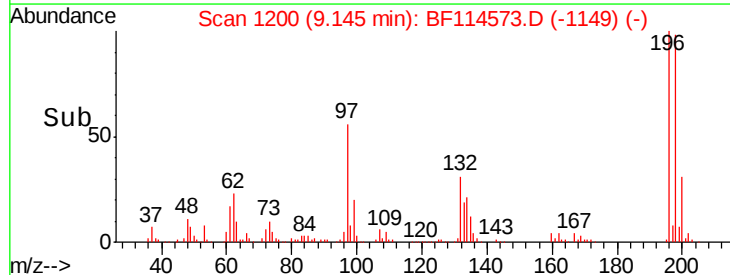
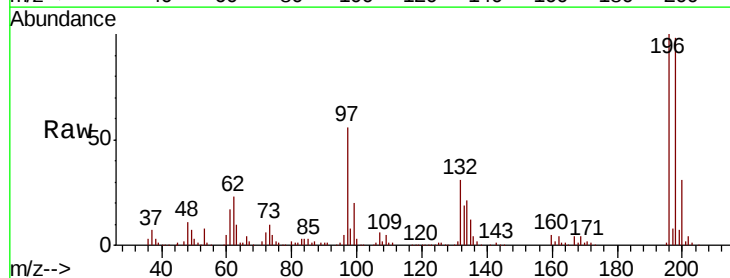
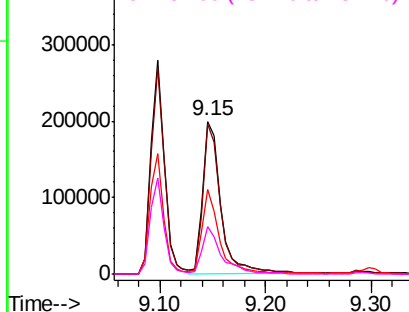
Abundance

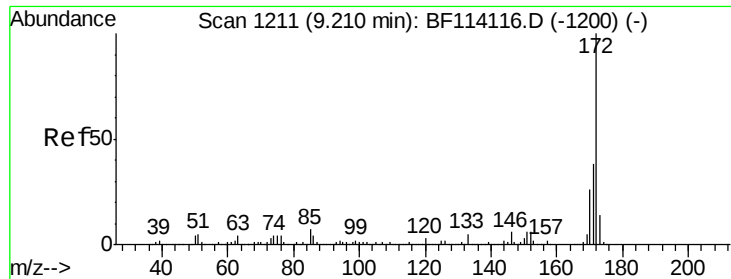
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





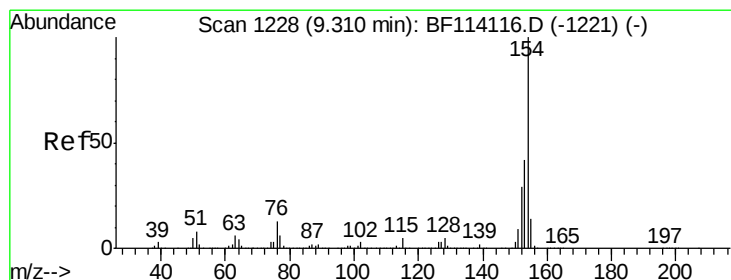
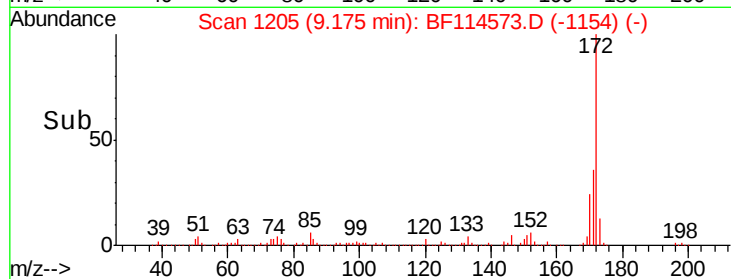
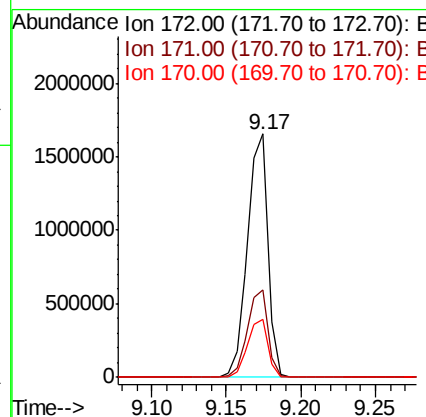
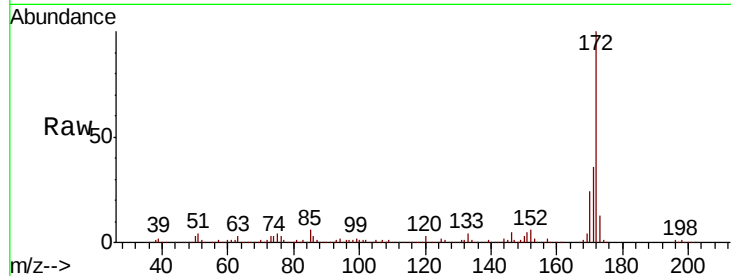
#45
2-Fluorobiphenyl
Concen: 79.989 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	23.9	20.5	30.7

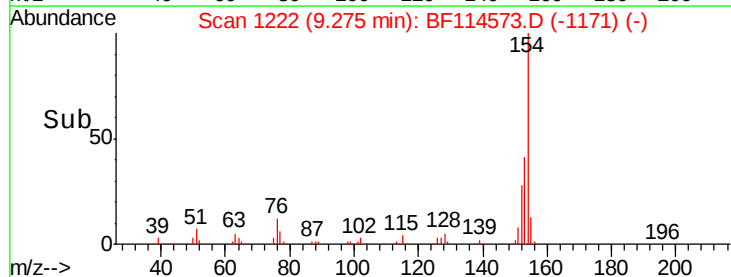
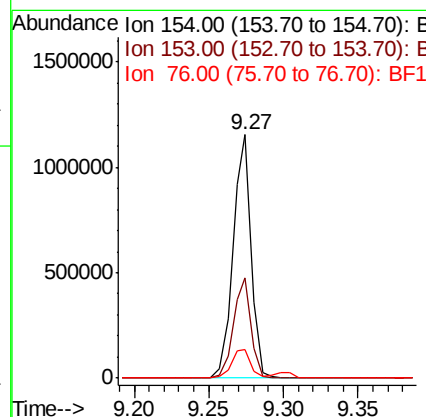
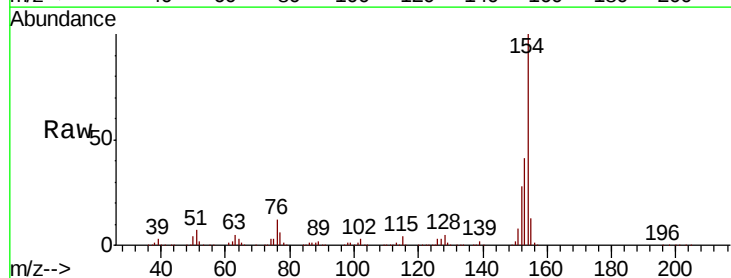
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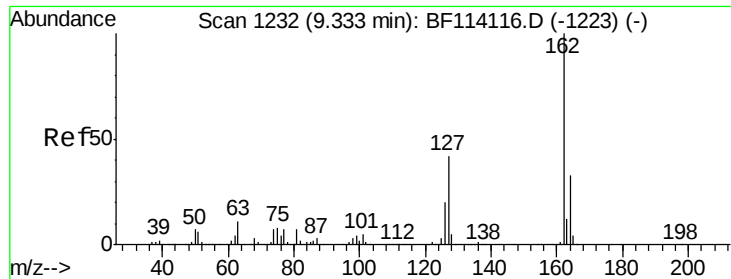
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#46
1,1'-Biphenyl
Concen: 41.141 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.9	61.9
76	11.8	0.0	32.8





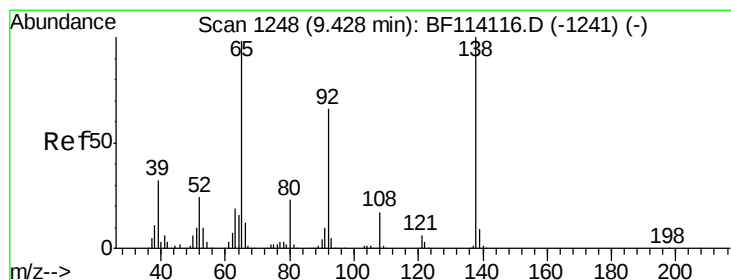
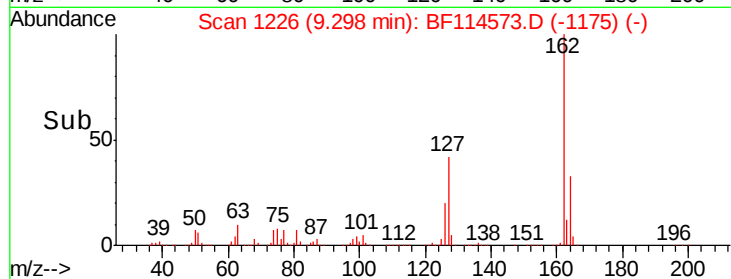
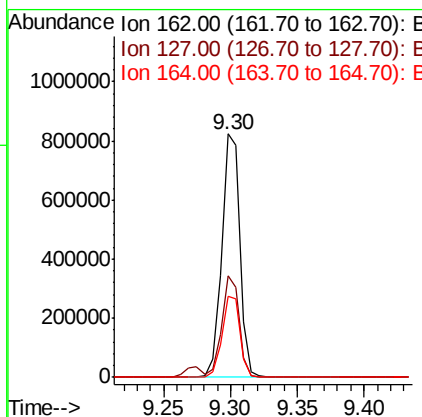
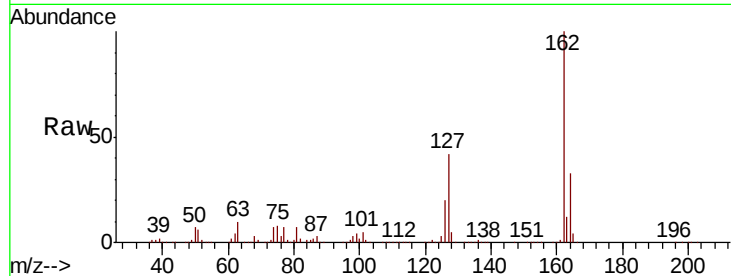
#47
 2-Chloronaphthalene
 Concen: 40.777 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	790970		
127	41.7		34.0	51.0
164	33.3		26.7	40.1

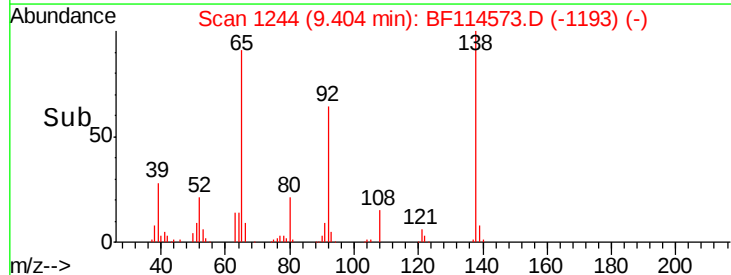
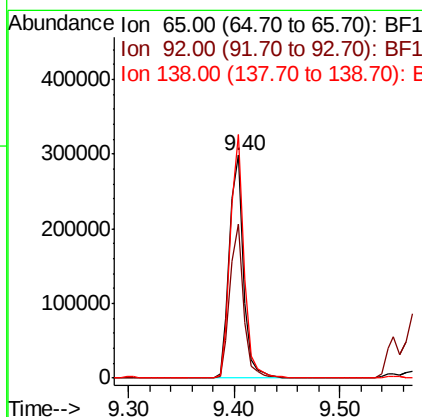
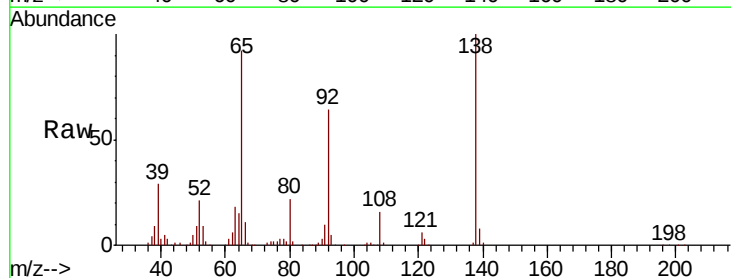
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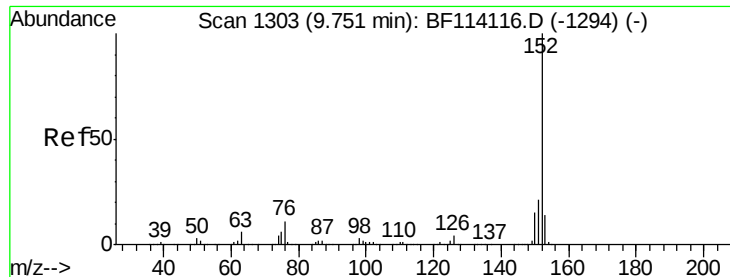
mohammad
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#48
 2-Nitroaniline
 Concen: 39.834 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	274028		
92	69.4		53.9	80.9
138	109.3		81.4	122.0





#49

Acenaphthylene

Concen: 40.940 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1207807

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

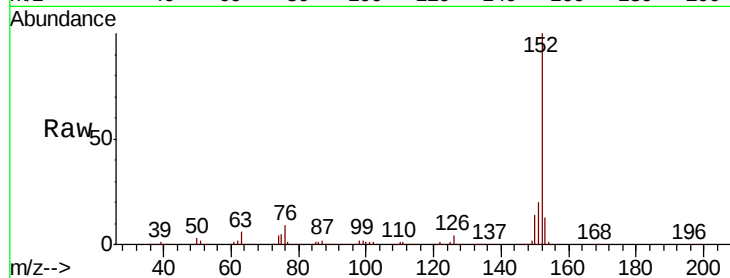
153 13.3 11.4 17.2

Manual Integrations

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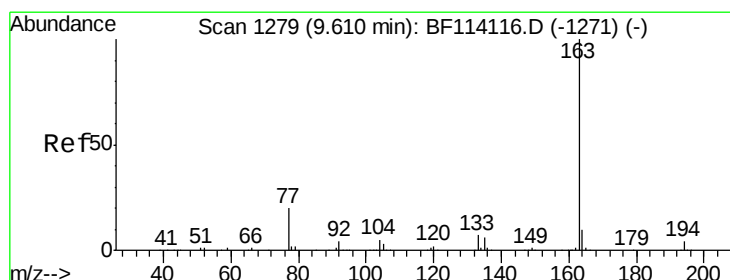
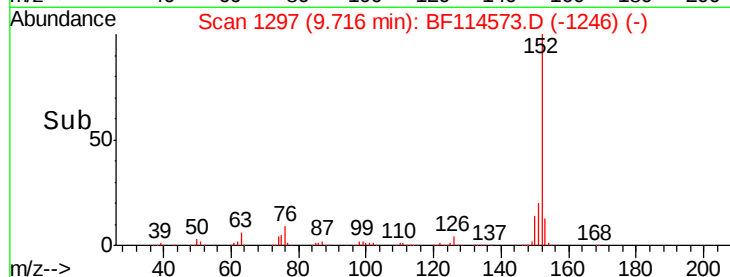
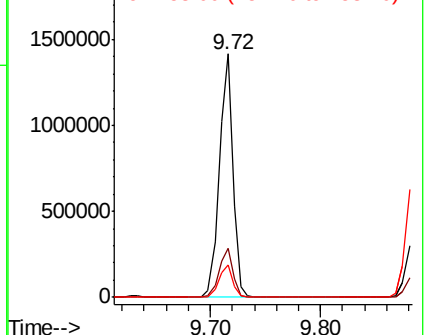
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.784 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

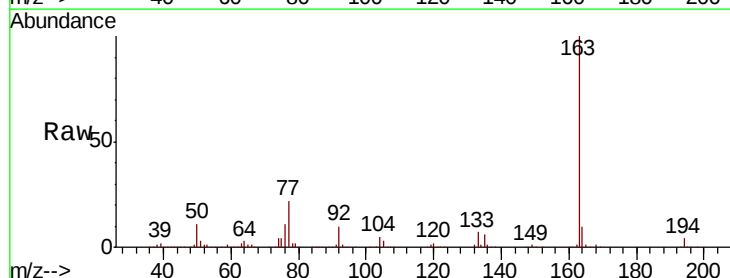
Tgt Ion:163 Resp: 893226

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

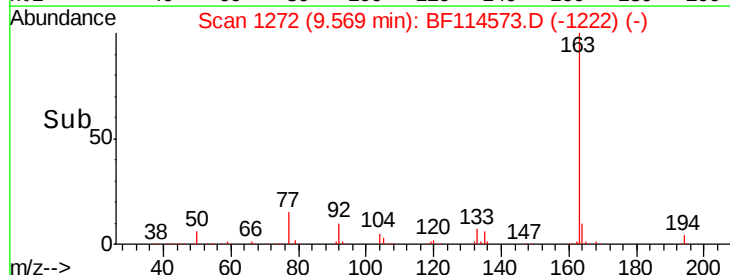
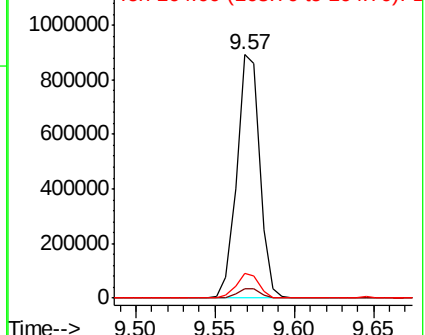
164 10.3 8.2 12.2

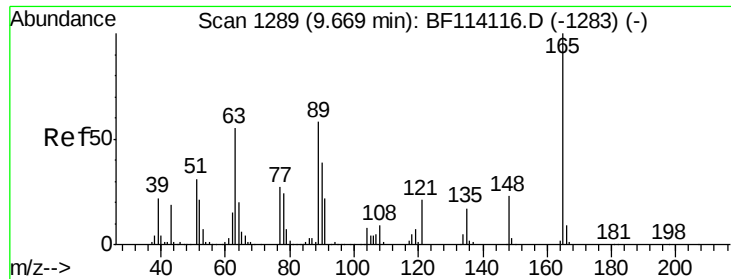


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





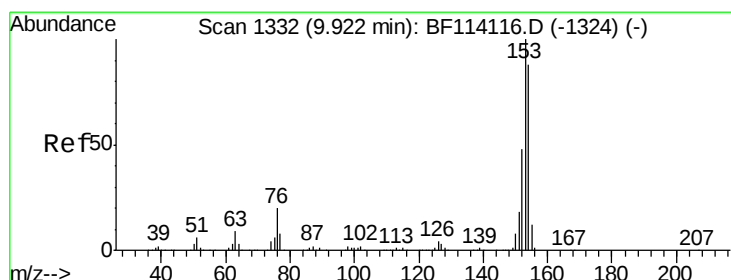
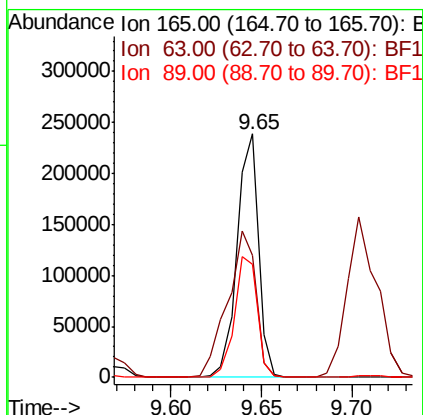
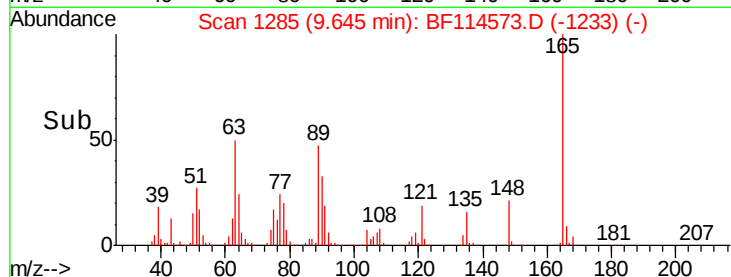
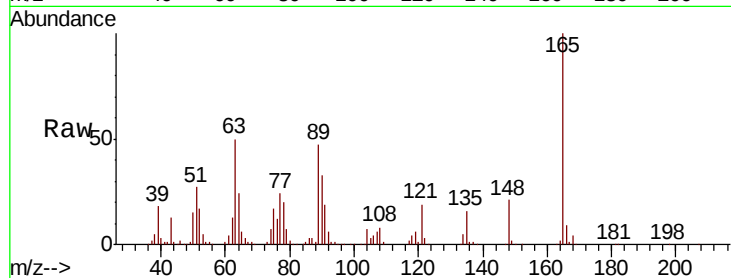
#51
2,6-Dinitrotoluene
Concen: 40.509 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	196779		
63	50.3		50.2	75.4
89	46.6		46.6	69.8

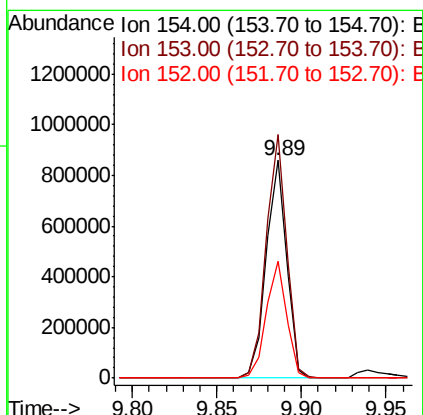
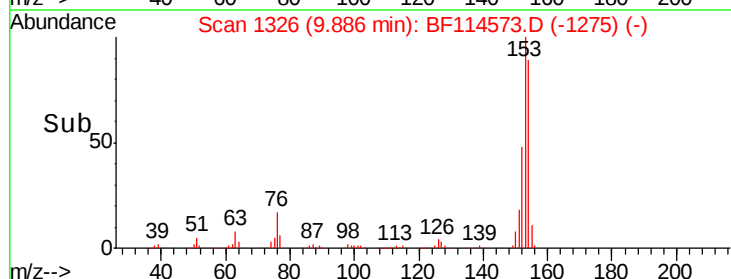
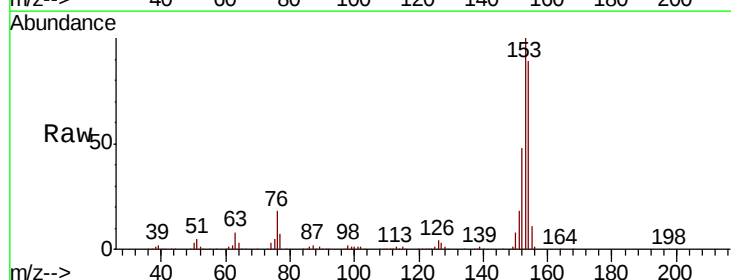
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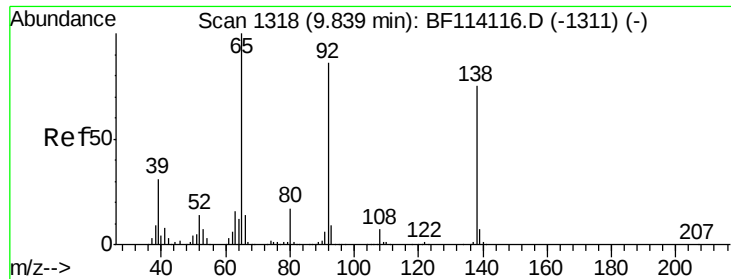
mohammad
5/27/2019 3:48:12 AM



#52
Acenaphthene
Concen: 39.921 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	722713		
153	112.0		90.5	135.7
152	53.5		43.4	65.2





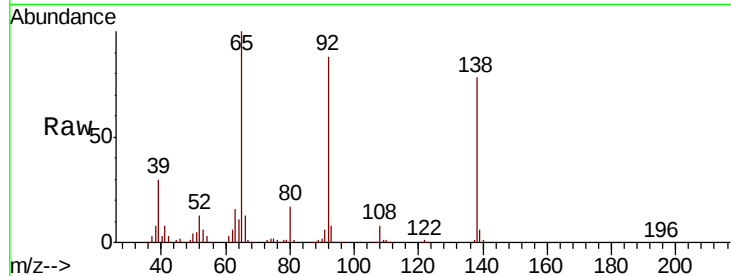
#53
3-Nitroaniline
Concen: 40.364 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.6
92	112.7	91.2	136.8

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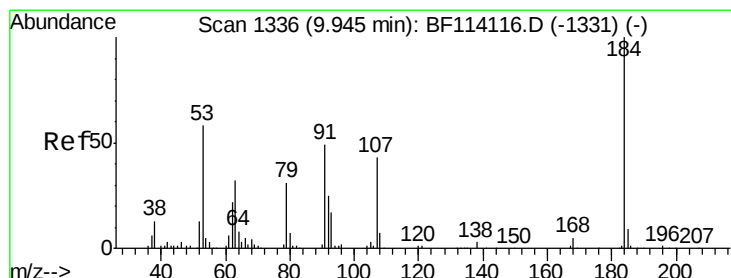
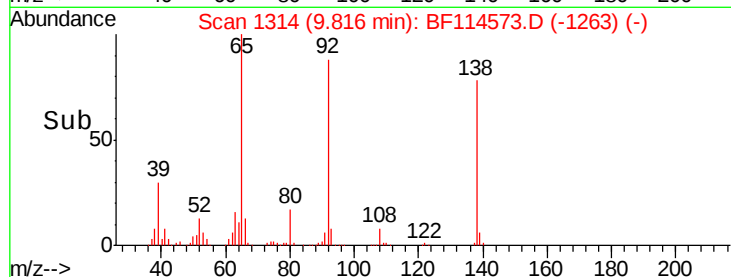
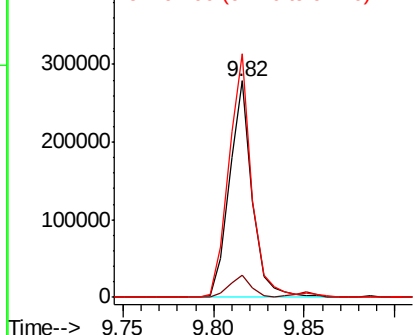


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 38.543 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

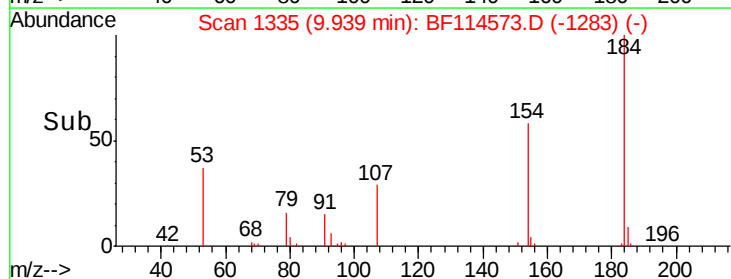
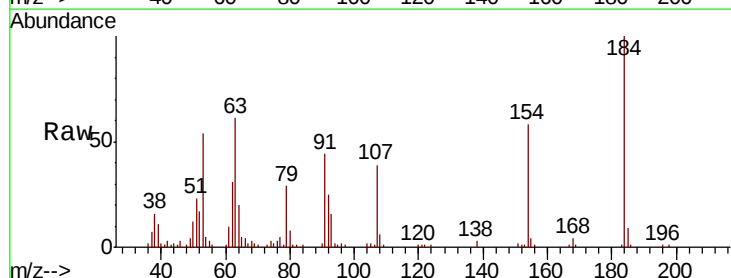
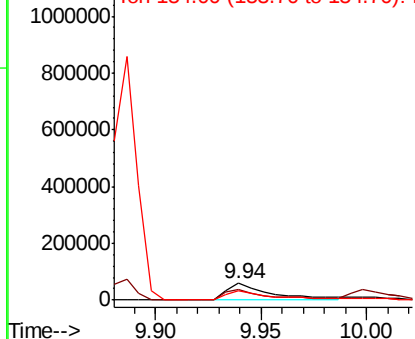
Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	55.6	83.4
154	58.0	46.0	69.0

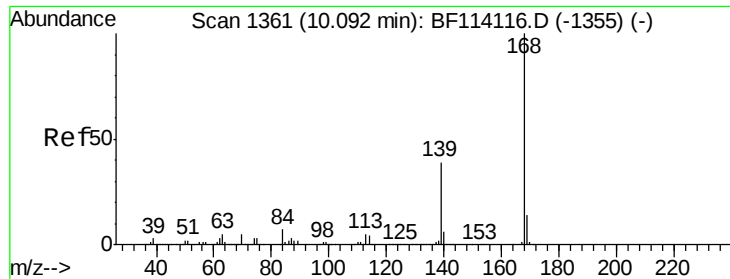
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.816 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1030424

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

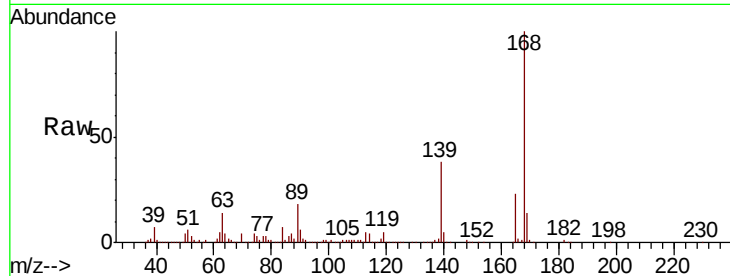
169 14.0 11.4 17.0

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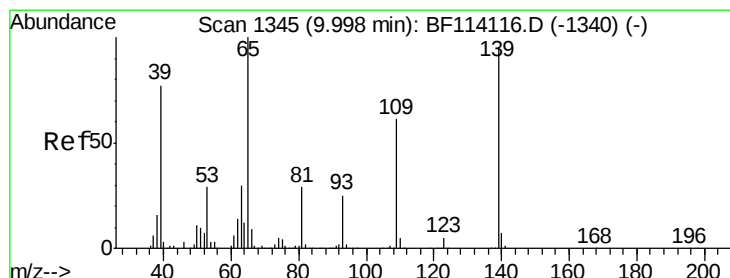
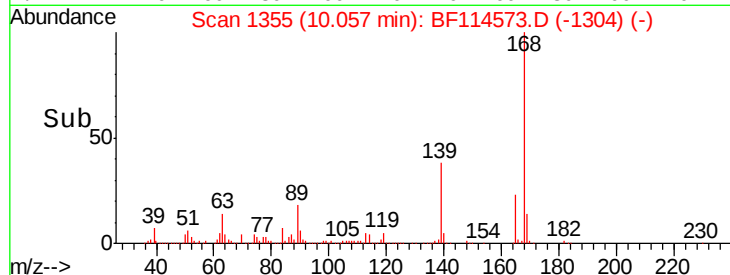
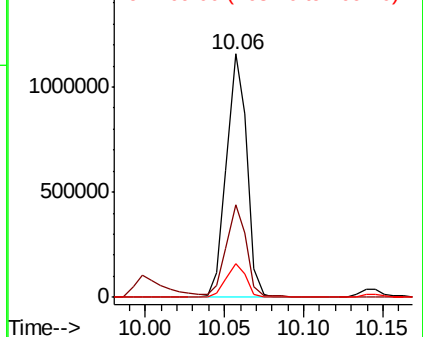


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 33.098 ng m

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

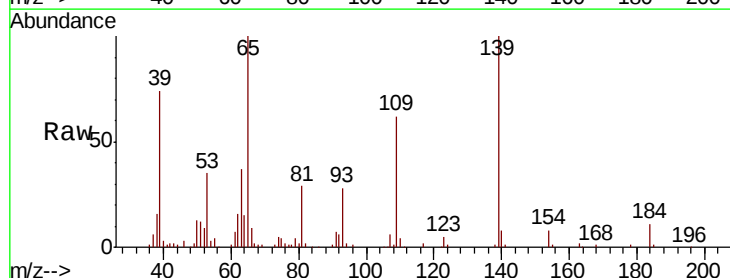
Tgt Ion:139 Resp: 141145

Ion Ratio Lower Upper

139 100

109 62.2 43.9 83.9

65 100.0 85.7 125.7

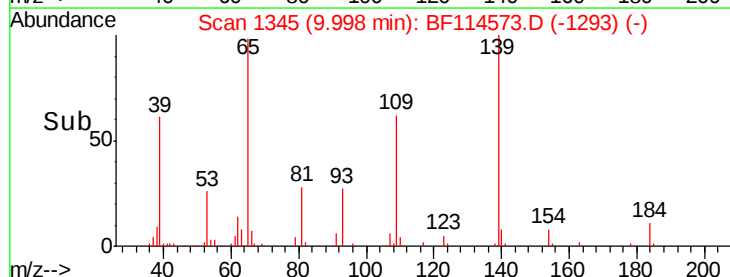
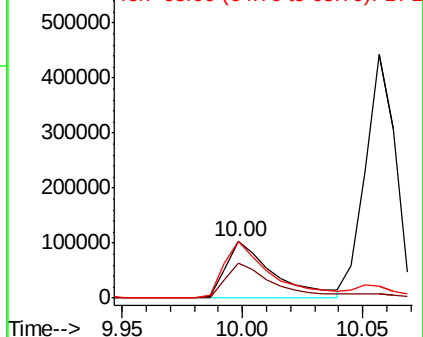


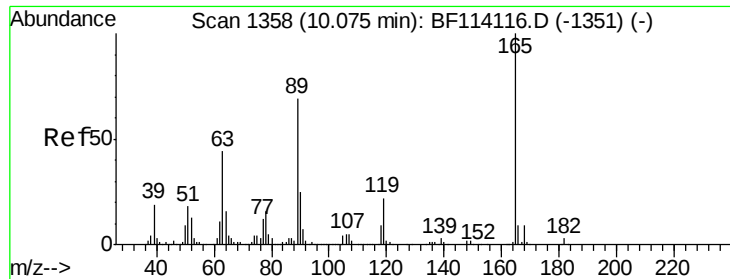
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 36.924 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

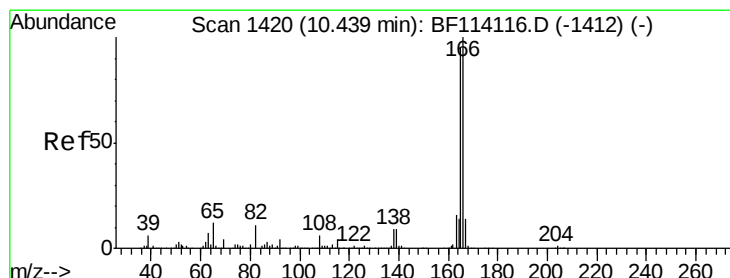
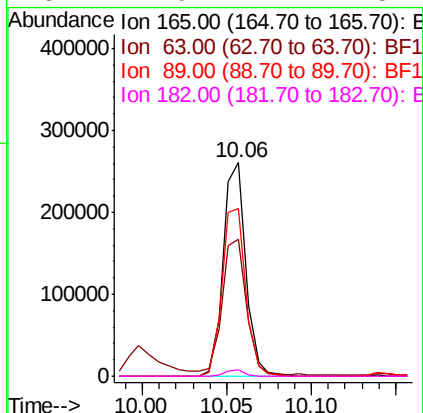
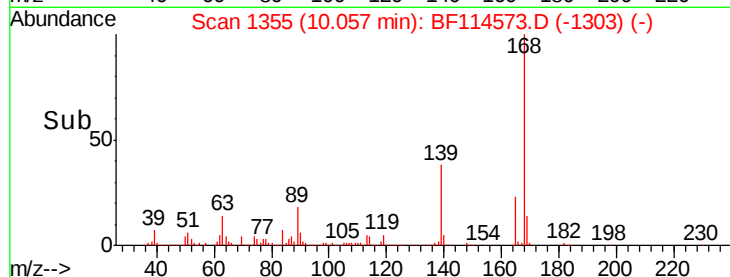
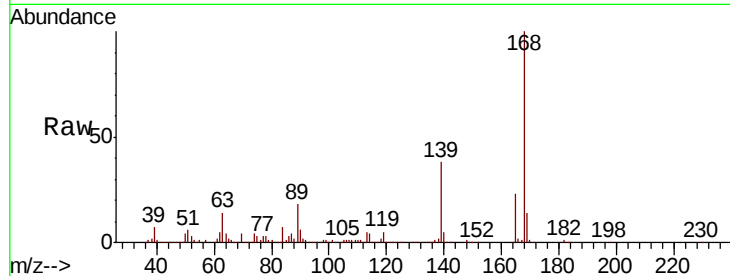
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243452		
63	64.1	35.5	53.3#	
89	78.7	55.2	82.8	
182	2.9	2.2	3.2	

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#58

Fluorene

Concen: 41.769 ng

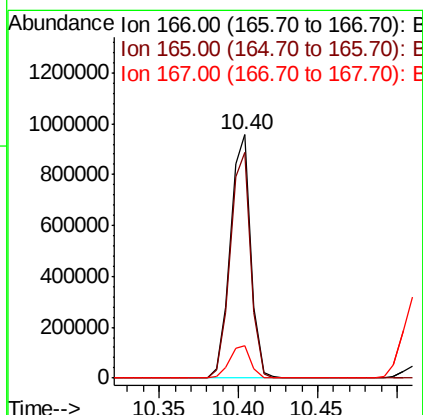
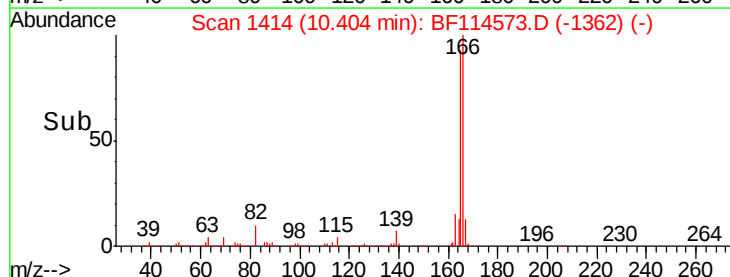
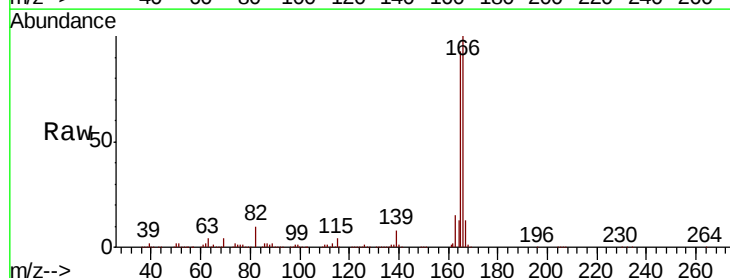
RT: 10.40 min Scan# 1414

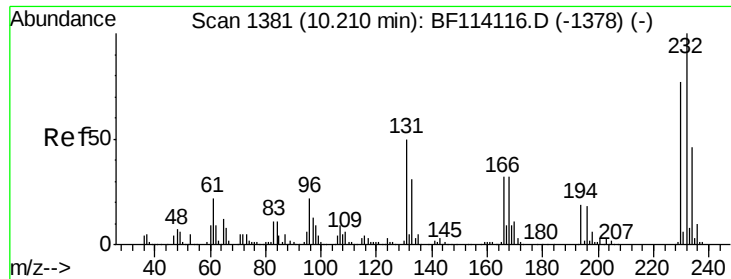
Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	856466		
165	92.6	76.1	114.1	
167	13.3	11.1	16.7	





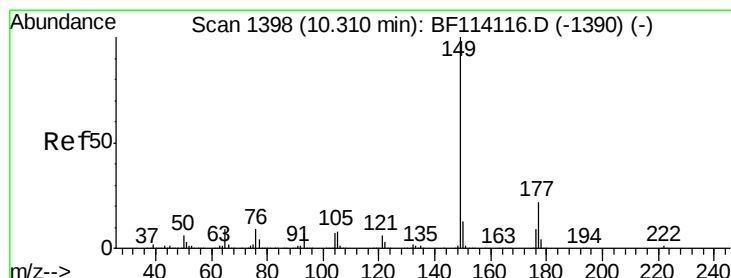
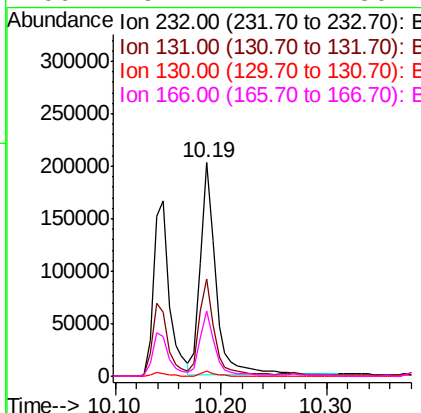
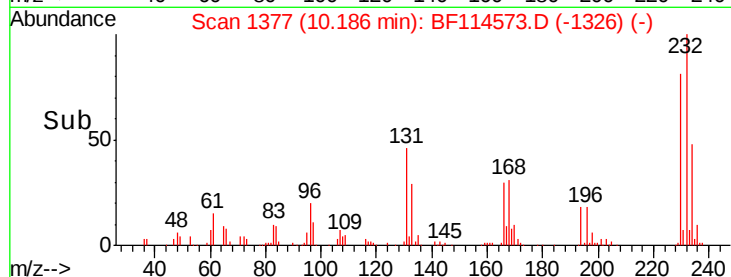
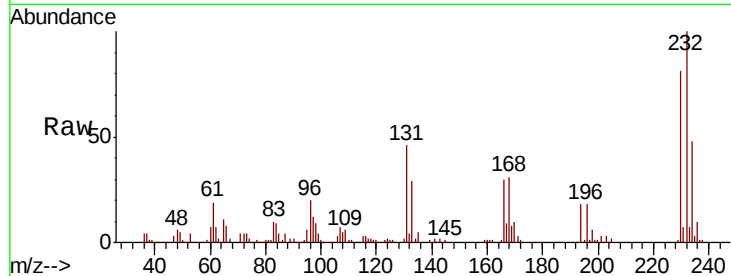
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.503 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	206293		
131	44.9		35.6	53.4
130	2.1		1.6	2.4
166	28.4		24.1	36.1

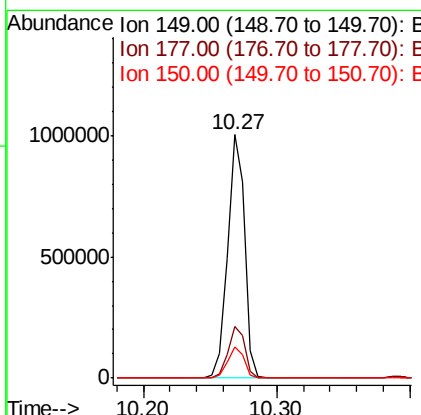
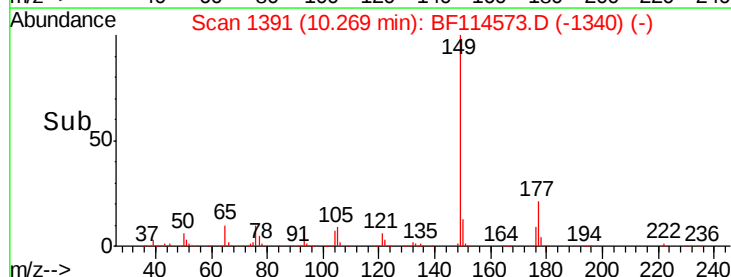
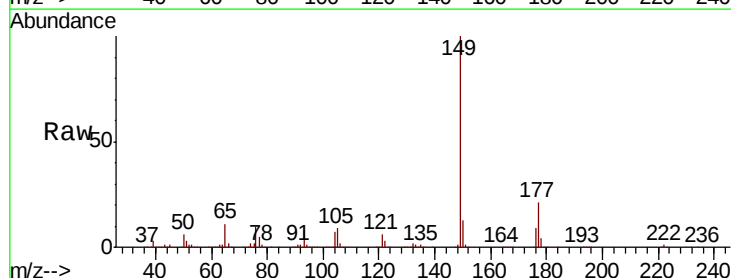
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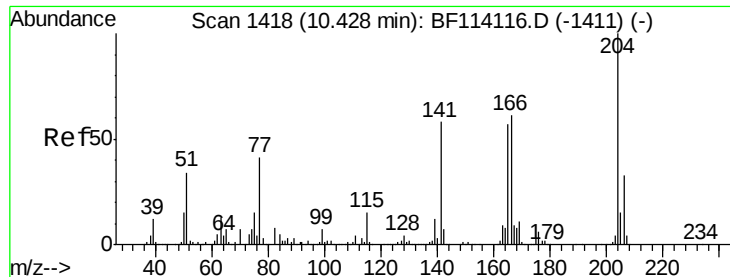
mohammad
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#60
Diethylphthalate
Concen: 40.532 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	901973		
177	21.4		17.8	26.6
150	12.8		10.2	15.2





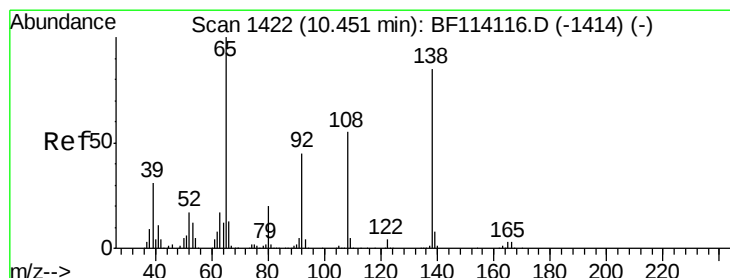
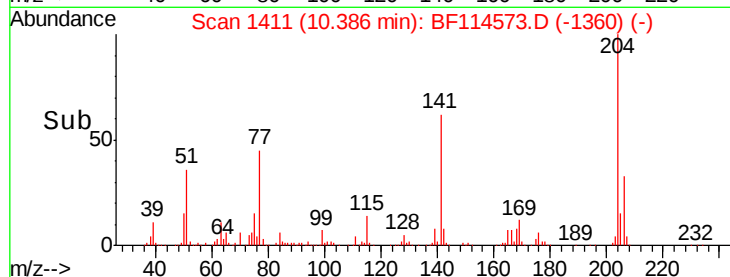
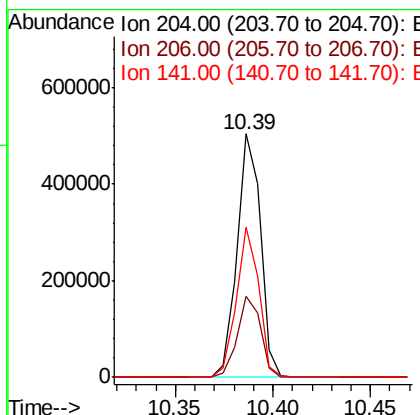
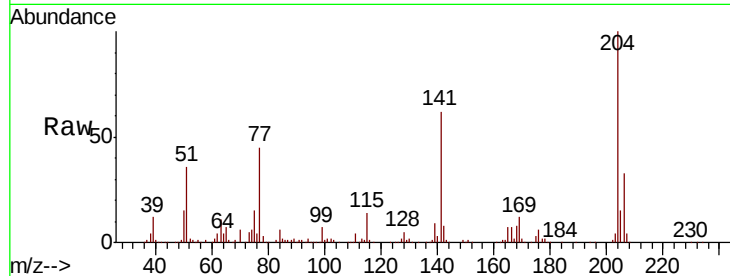
#61
4-Chlorophenyl-phenylether
Concen: 41.799 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	61.8	46.4	69.6

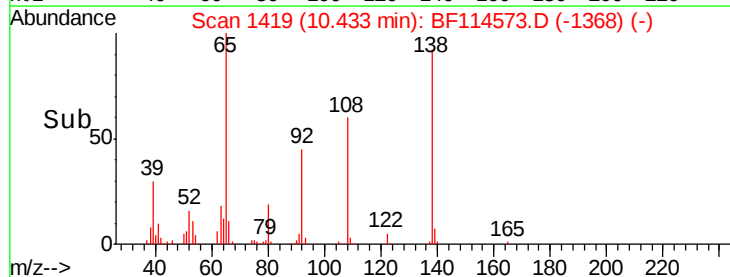
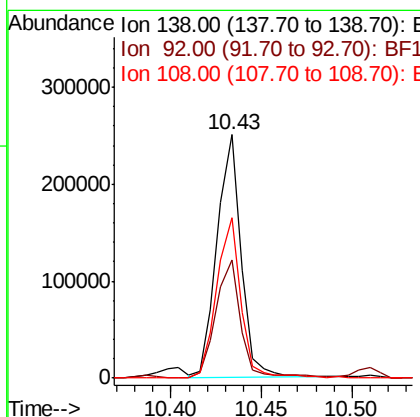
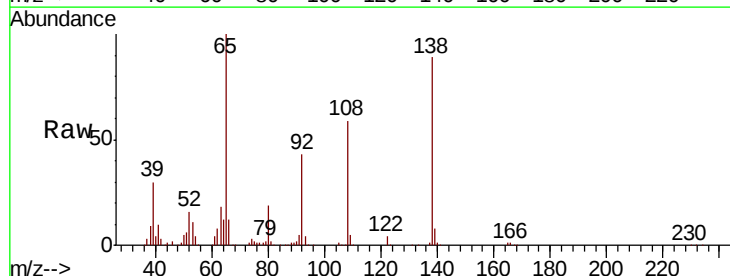
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#62
4-Nitroaniline
Concen: 36.561 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	33.0	73.0
108	65.8	44.9	84.9





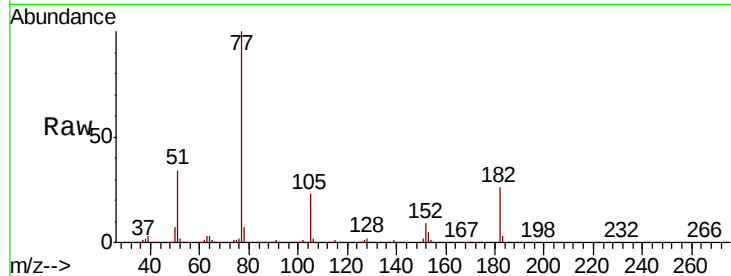
#63
Azobenzene
Concen: 39.615 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

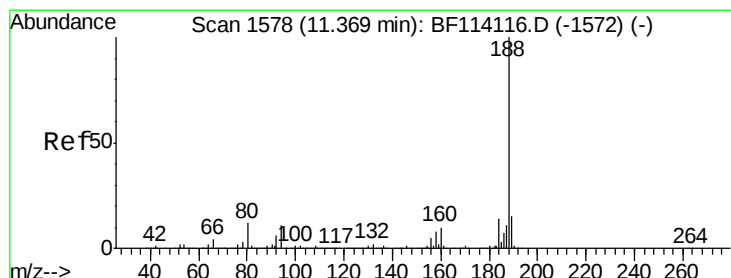
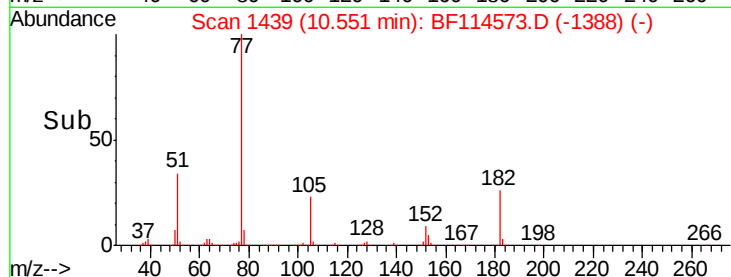
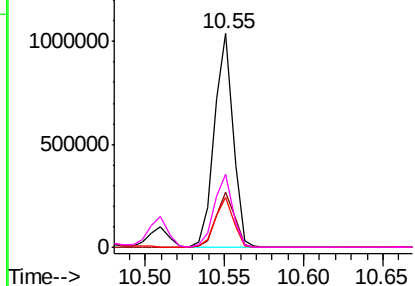
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.6	4.7	44.7		
105	23.1	2.9	42.9		
51	33.9	14.6	54.6		

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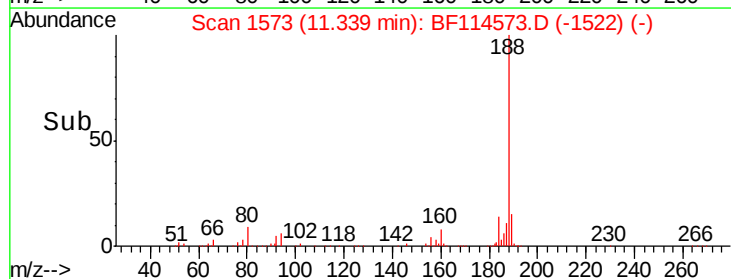
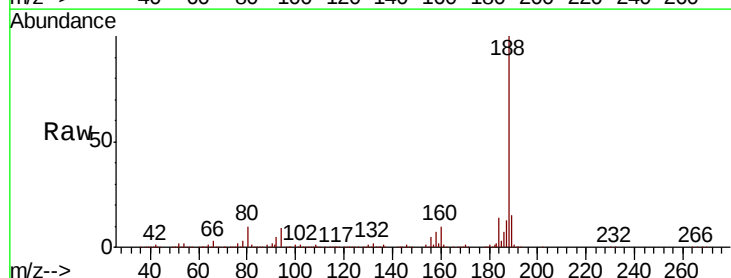
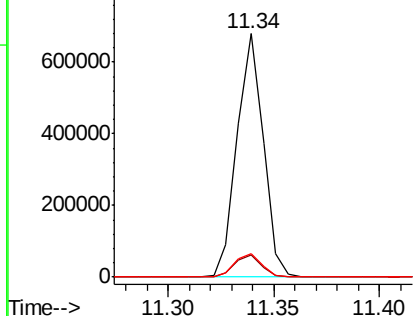
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

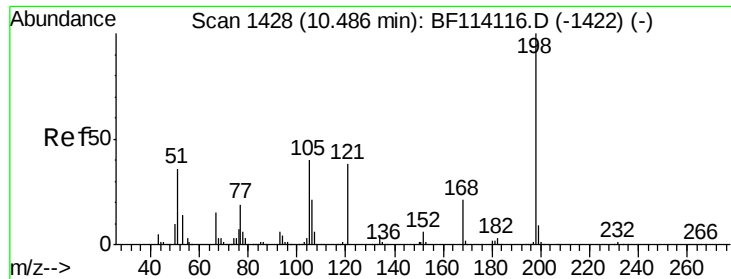


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.2	8.4	12.6		
80	9.9	9.2	13.8		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.320 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 113331

Ion Ratio Lower Upper

198 100

51 48.4 28.0 68.0

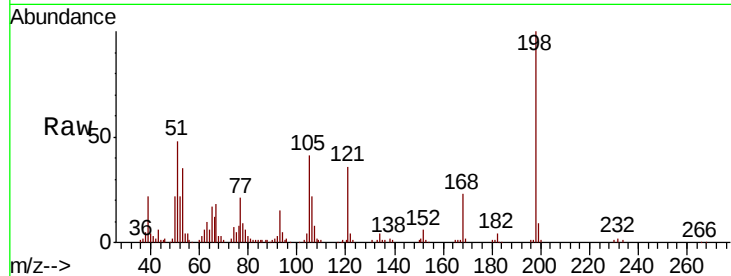
105 41.1 21.1 61.1

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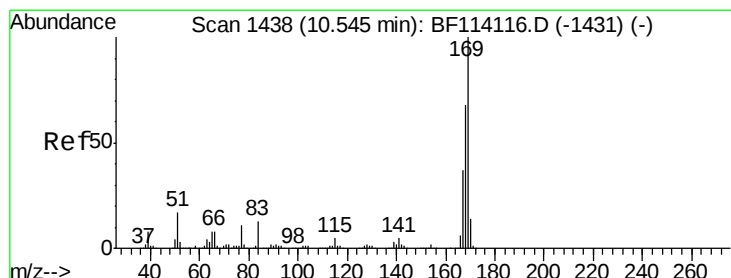
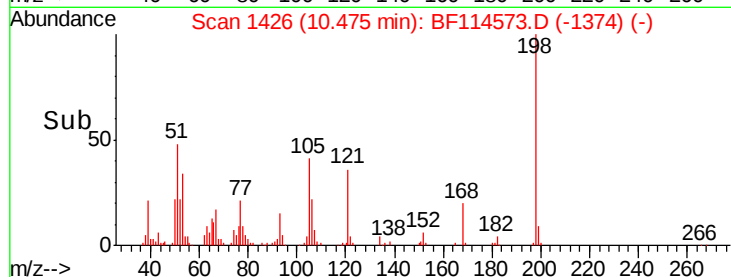
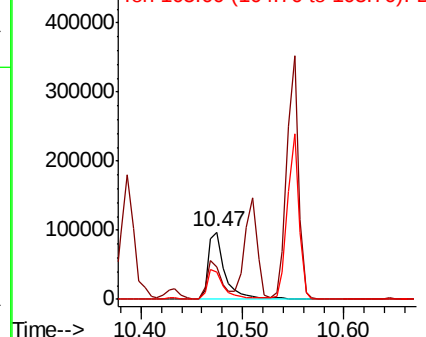
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.057 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

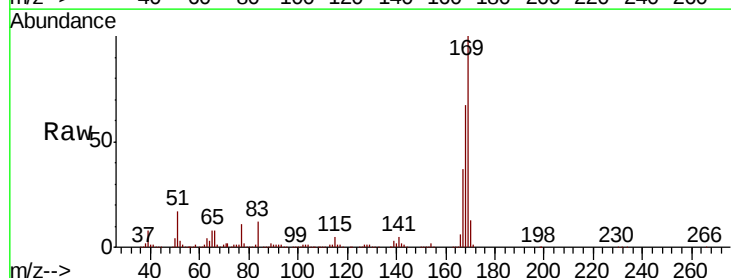
Tgt Ion:169 Resp: 746652

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

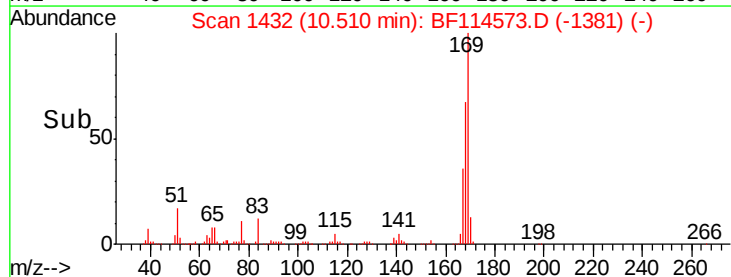
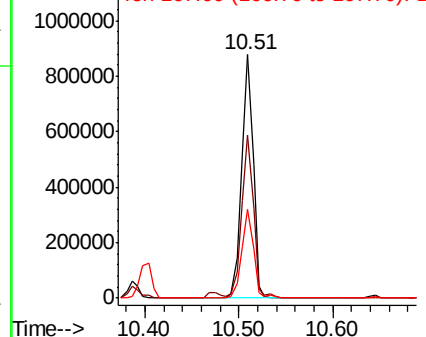
167 36.6 29.8 44.8

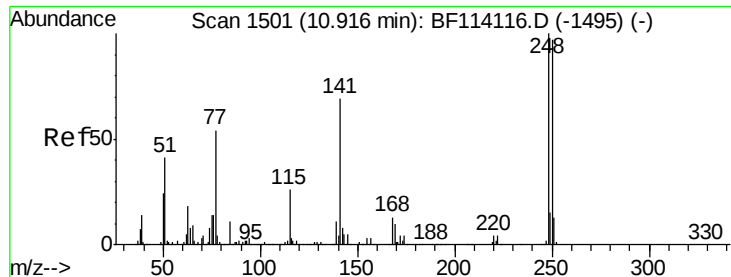


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





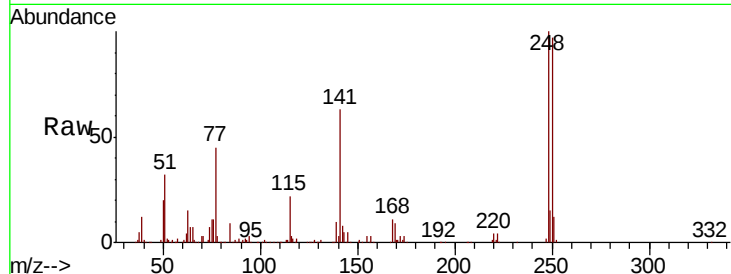
#67
4-Bromophenyl-phenylether
Concen: 41.313 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

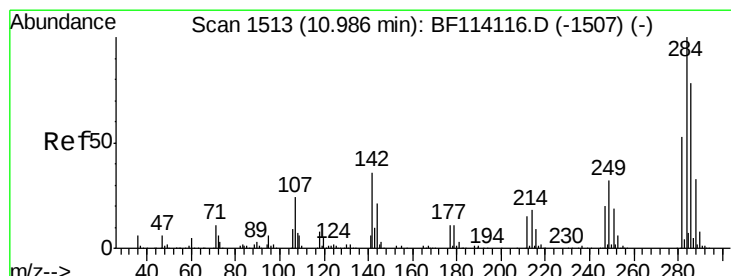
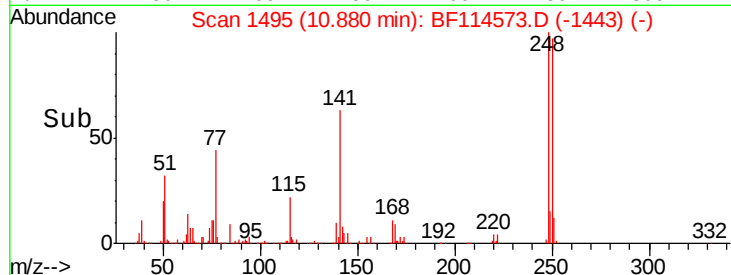
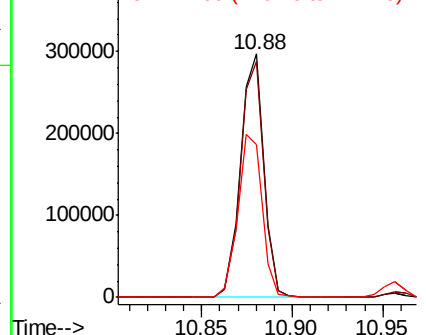
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.2
141	63.0	55.6	83.4

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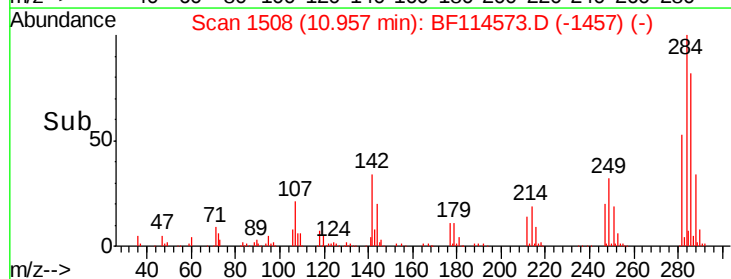
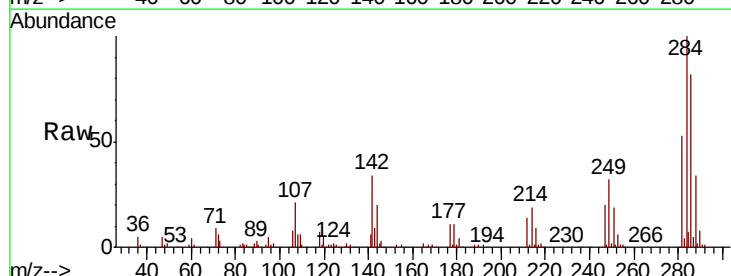
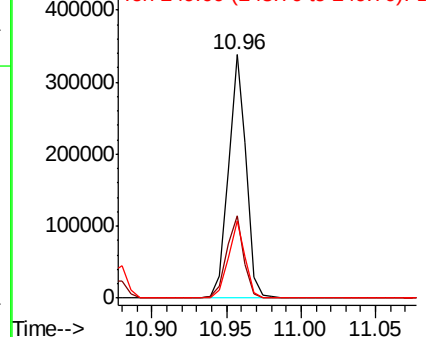
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

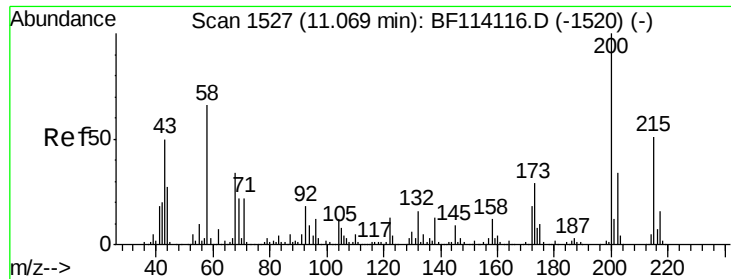


#68
Hexachlorobenzene
Concen: 39.711 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.4	42.6
249	31.8	25.2	37.8

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





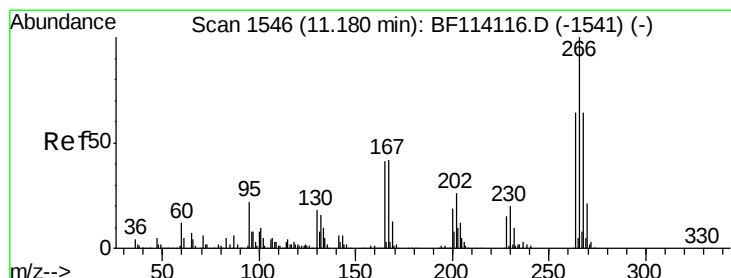
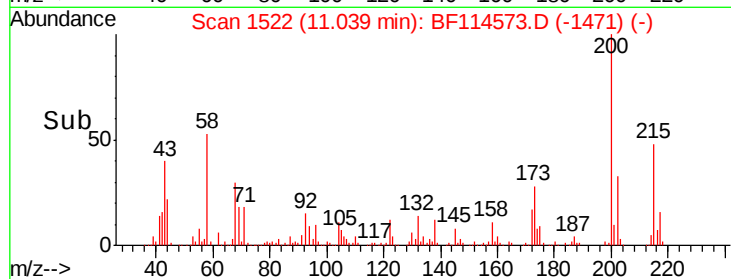
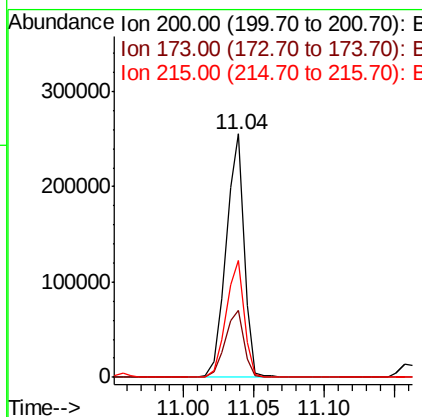
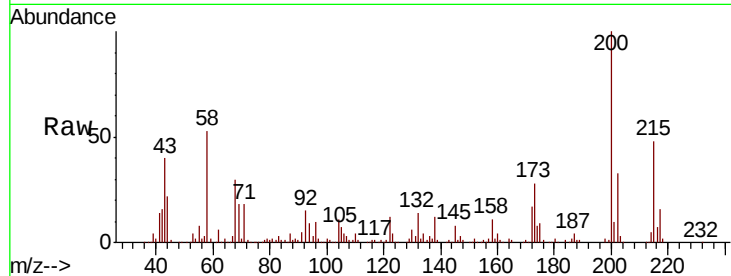
#69
 Atrazine
 Concen: 40.933 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	200	Resp:	226142
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.9	48.9
215	48.2	30.7	70.7

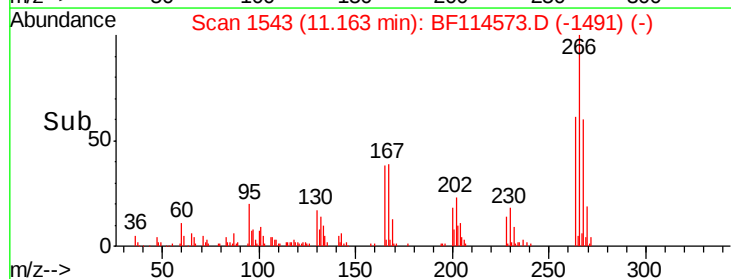
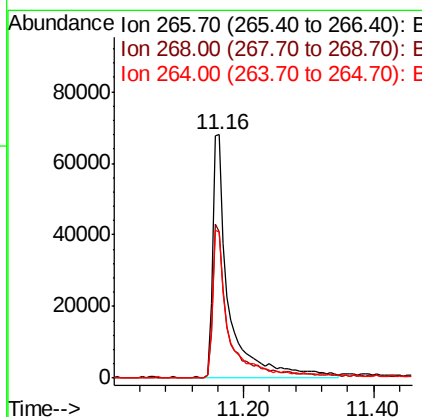
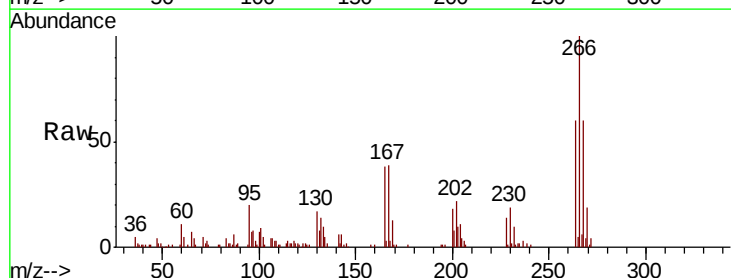
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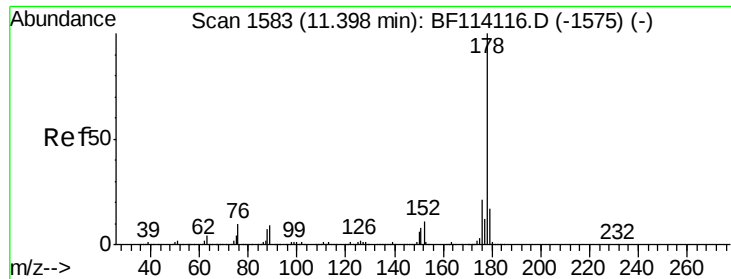
mohammad
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#70
 Pentachlorophenol
 Concen: 35.023 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion:	266	Resp:	118292
Ion Ratio	Lower	Upper	
266	100		
268	59.9	51.1	76.7
264	60.2	51.1	76.7





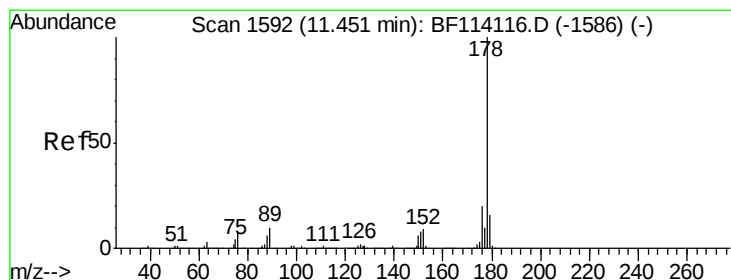
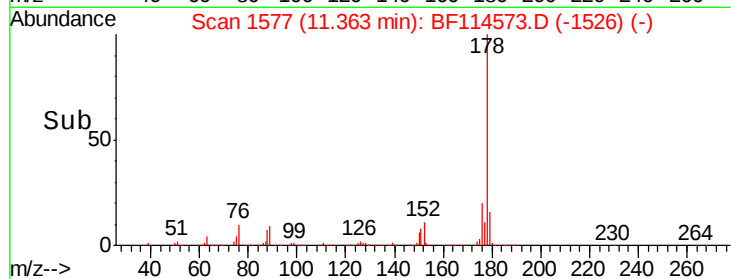
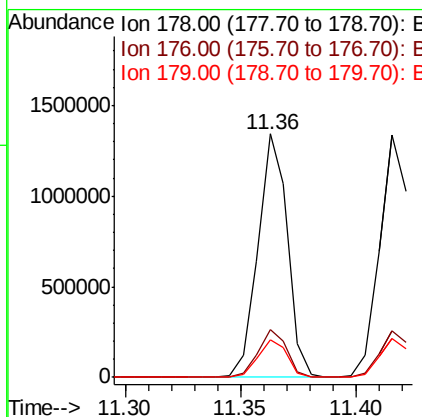
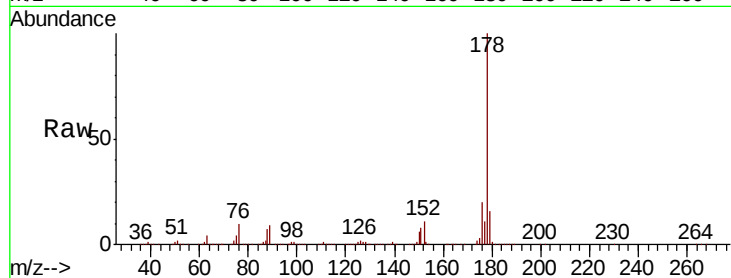
#71
Phenanthrene
Concen: 42.086 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.6	13.2	19.8

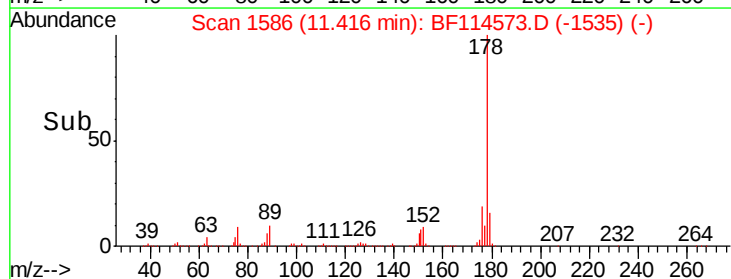
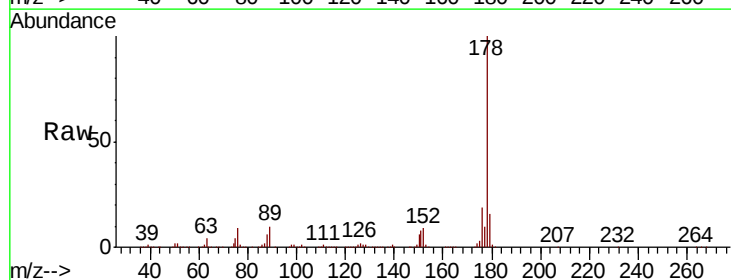
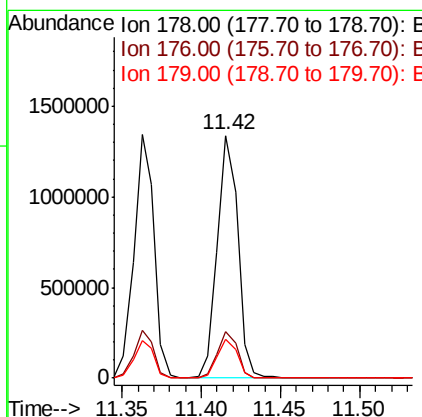
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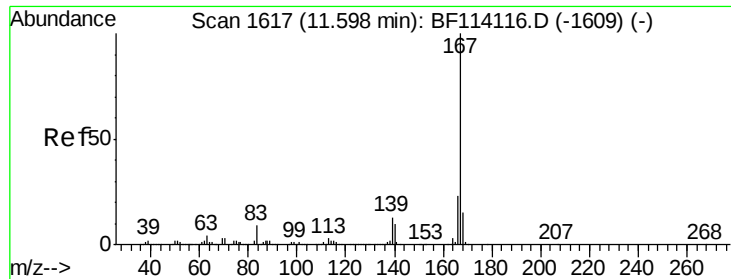
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#72
Anthracene
Concen: 42.208 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.2	13.0	19.4





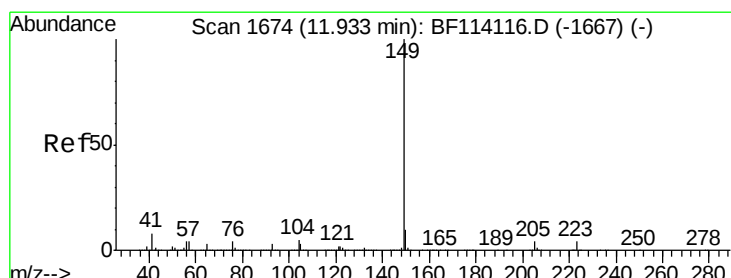
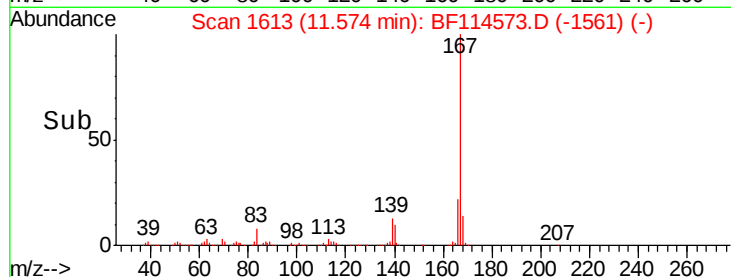
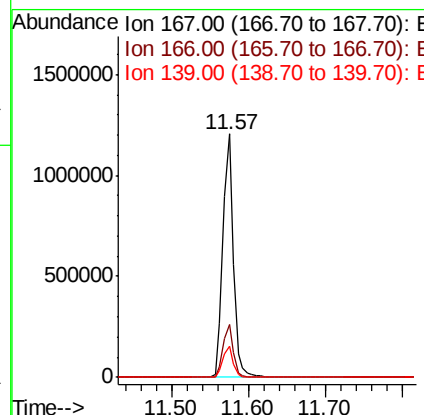
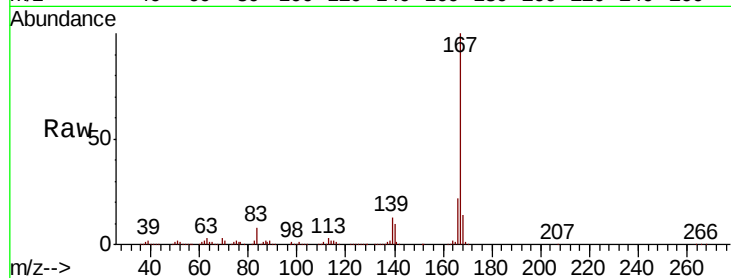
#73
 Carbazole
 Concen: 41.350 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	12.9	10.6	16.0

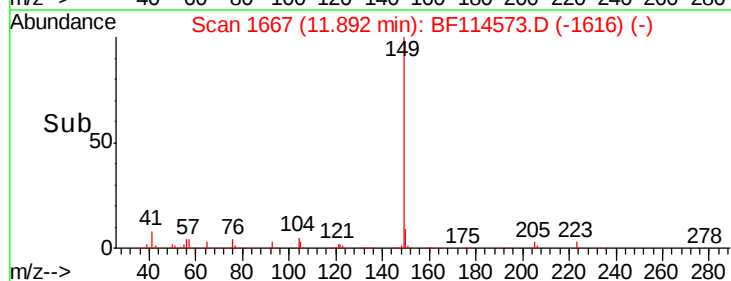
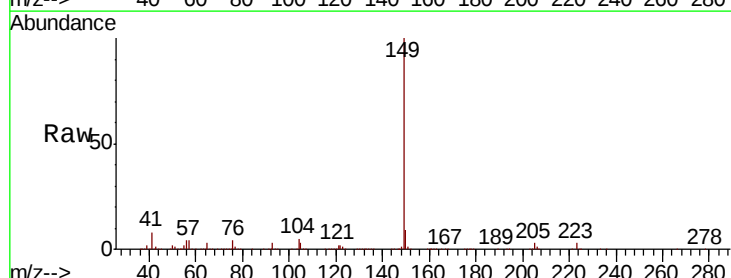
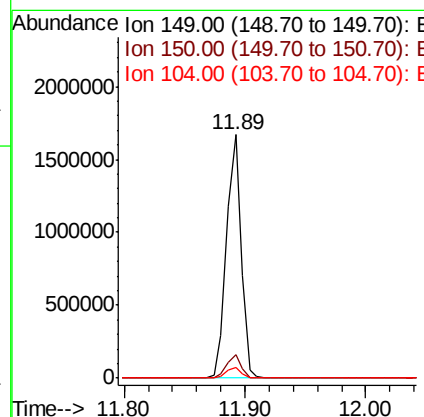
Manual Integrations
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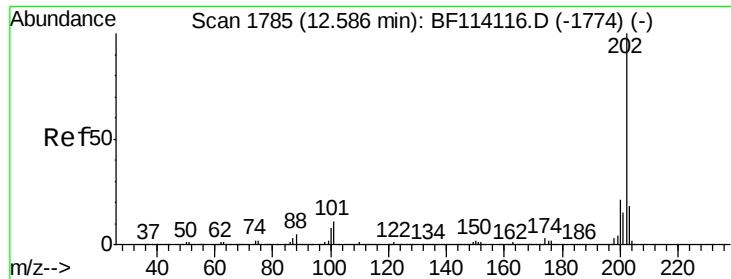
mohammad
 5/27/2019 3:48:12 AM



#74
 Di-n-butylphthalate
 Concen: 44.497 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 40.619 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1244829

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.0

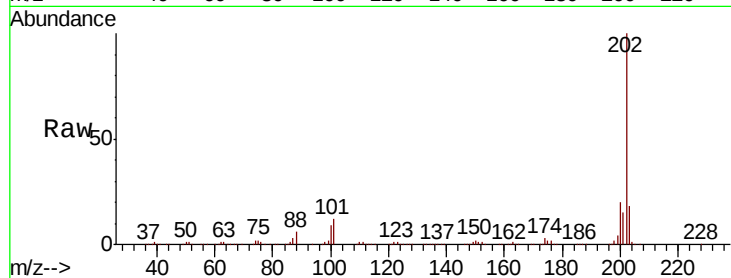
203 17.9 0.0 38.4

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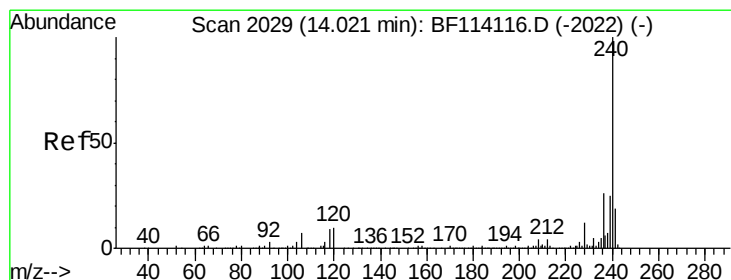
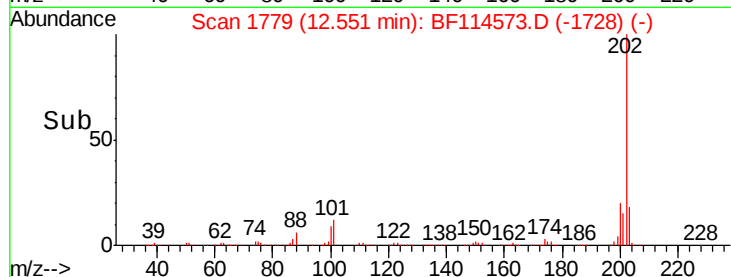
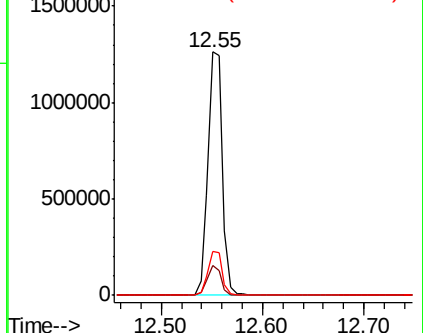
5/27/2019 3:48:12 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

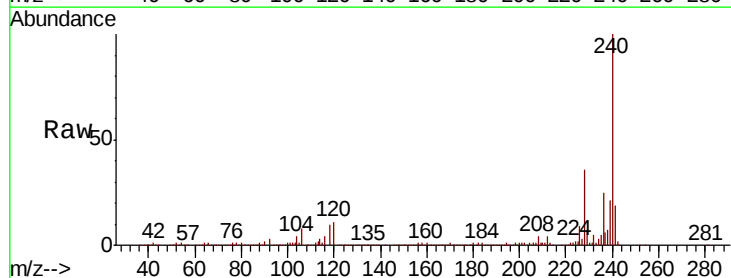
Tgt Ion:240 Resp: 343997

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

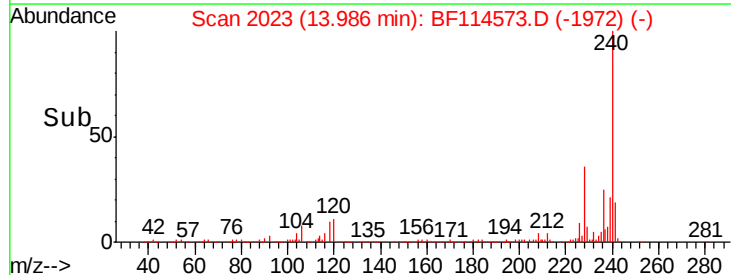
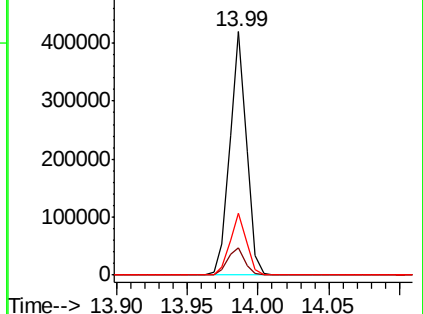
236 25.2 20.8 31.2

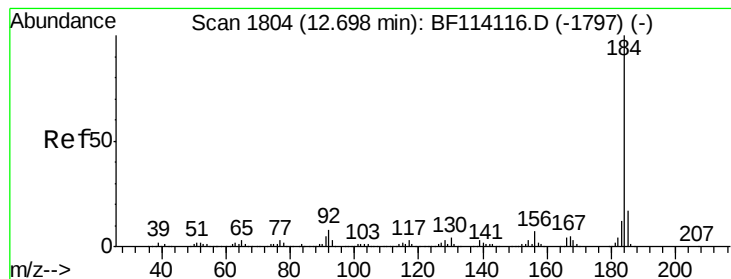


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.573 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

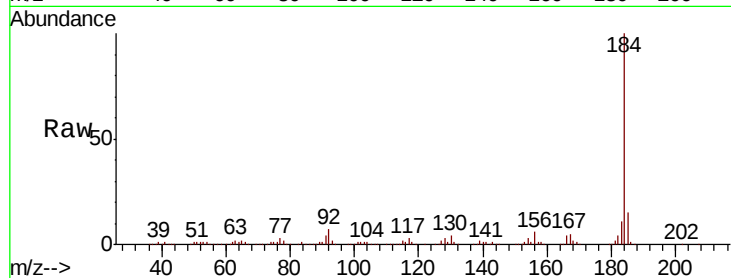
ClientSampleId :

SSTDCCC040

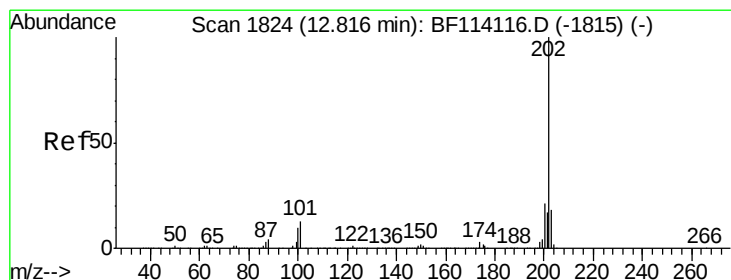
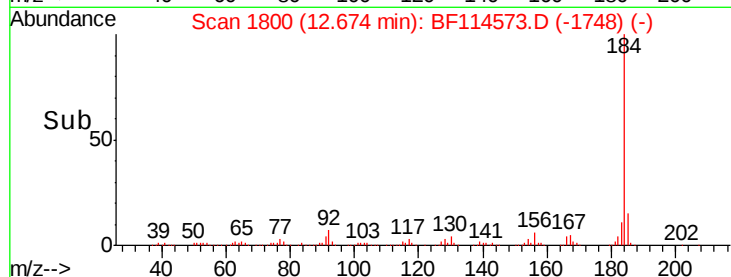
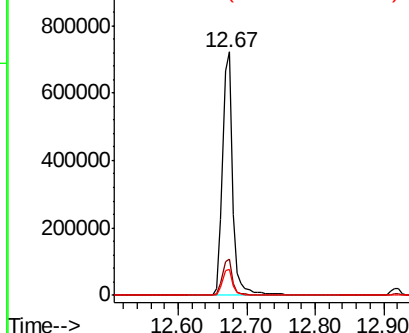
Tot Ion:	184	Resp:	734592
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	10.7	9.2	13.8

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



#78

Pyrene

Concen: 45.597 ng

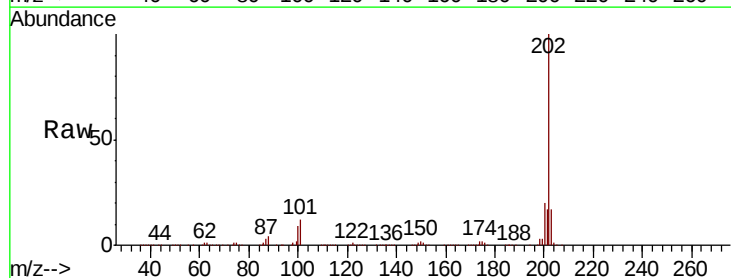
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

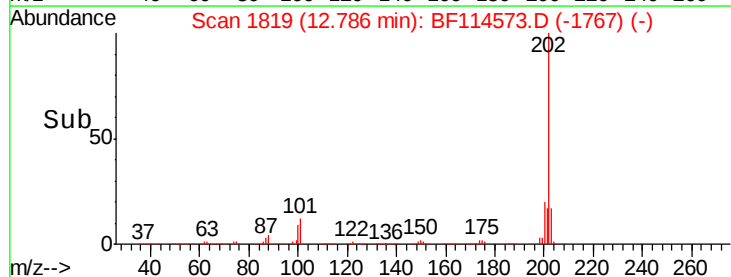
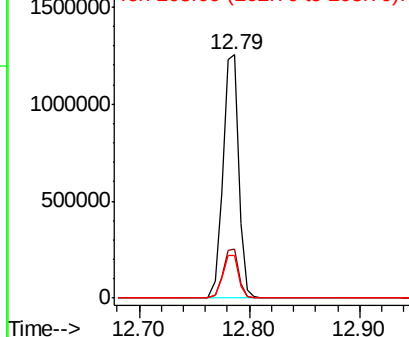
Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion:	202	Resp:	1261805
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.9	25.3
203	17.3	14.5	21.7



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





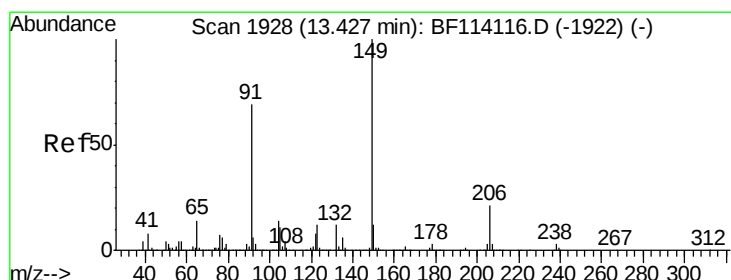
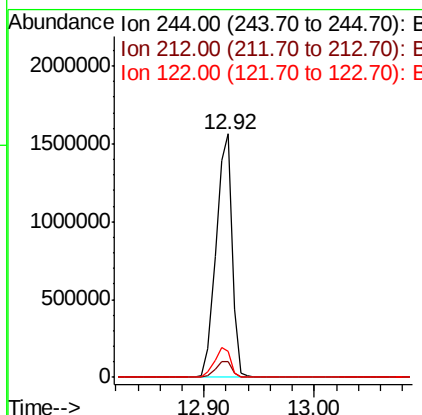
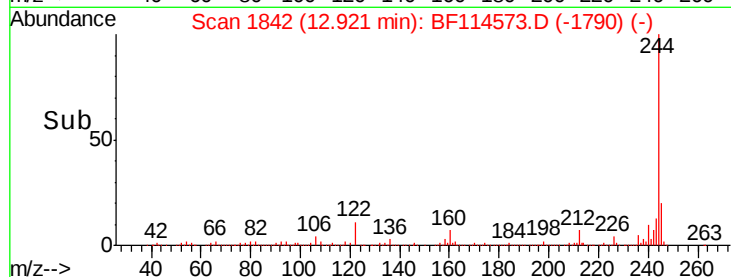
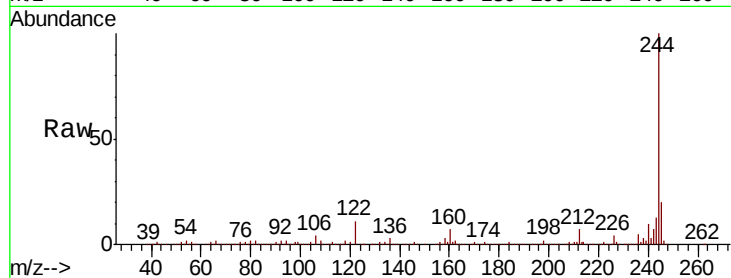
#79
Terphenyl-d14
Concen: 93.365 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:244 Resp: 1558004
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 10.8 9.4 14.2

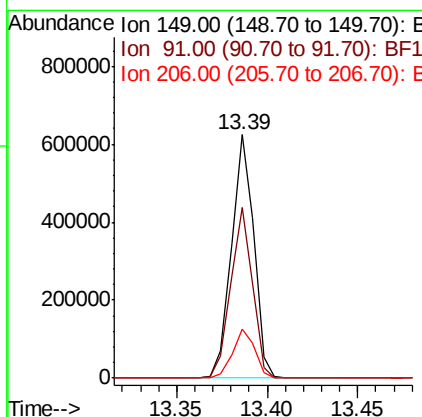
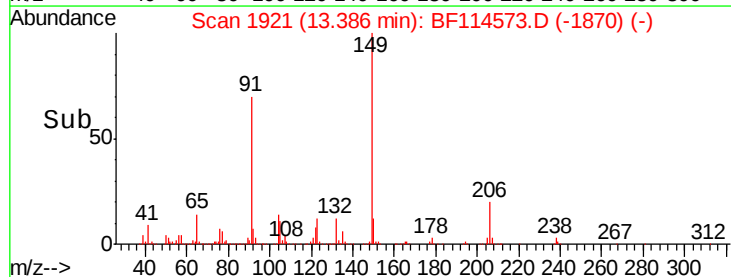
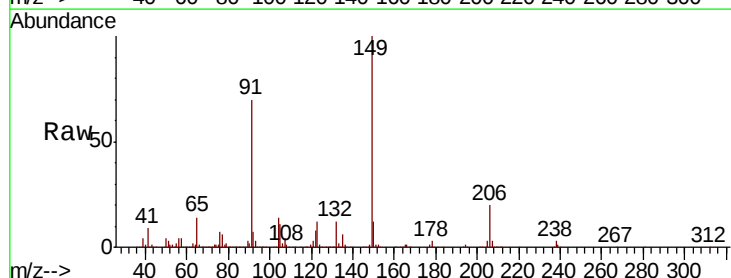
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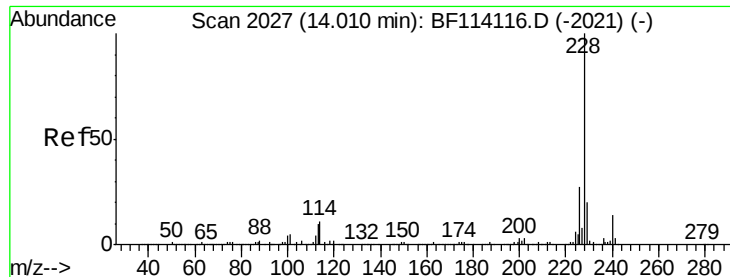
mohammad
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#80
Butylbenzylphthalate
Concen: 46.119 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:149 Resp: 537185
Ion Ratio Lower Upper
149 100
91 70.3 55.0 82.4
206 20.1 16.9 25.3





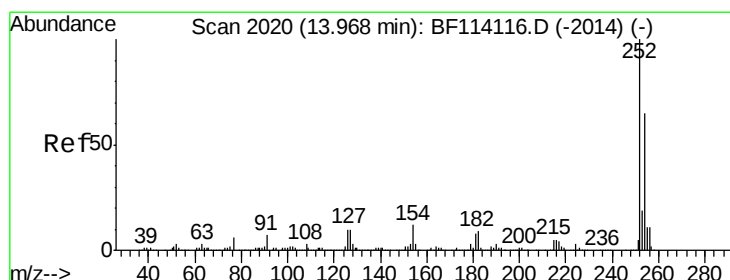
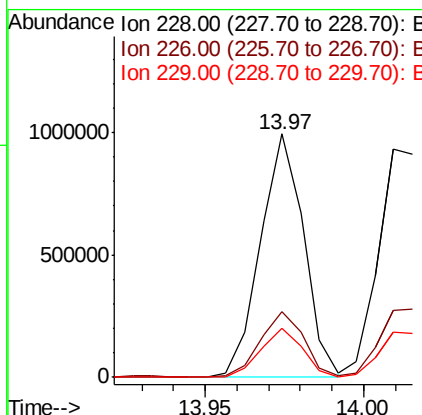
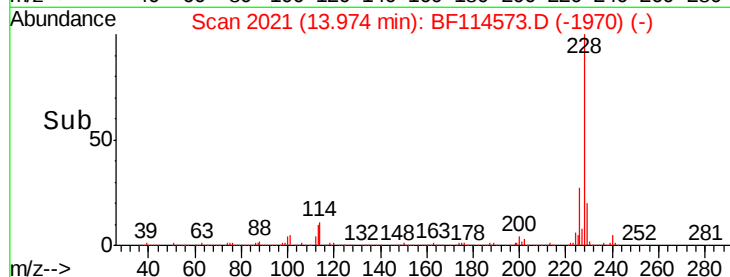
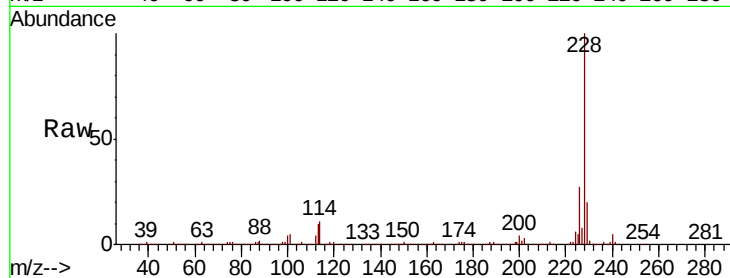
#81
Benzo(a)anthracene
Concen: 42.471 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	19.9	16.4	24.6

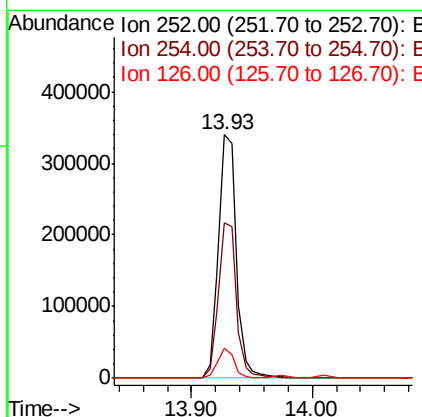
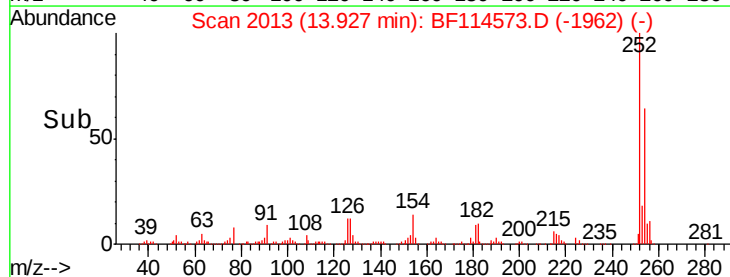
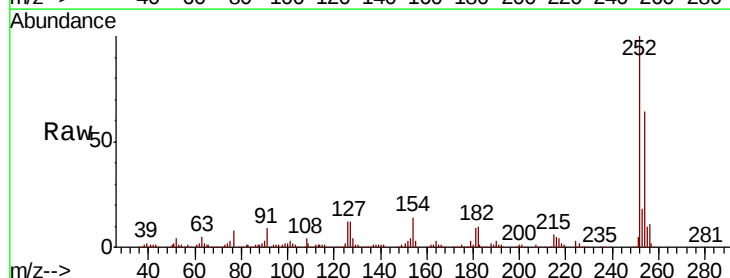
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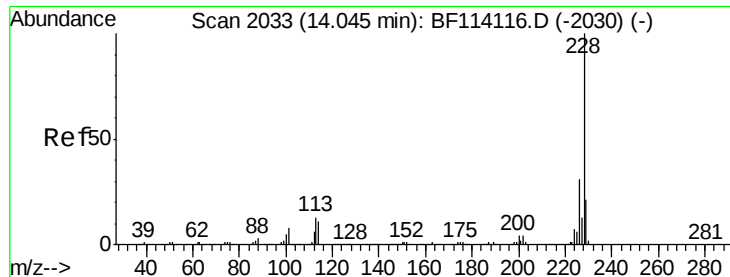
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 40.261 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	12.4	7.9	11.9





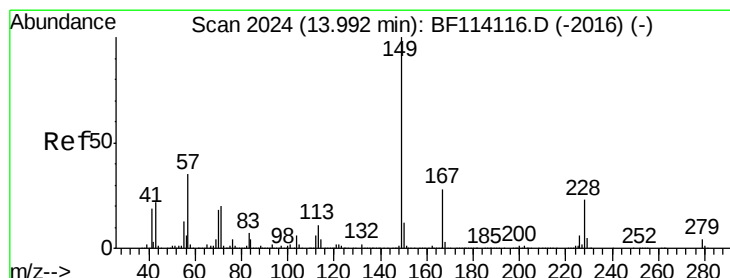
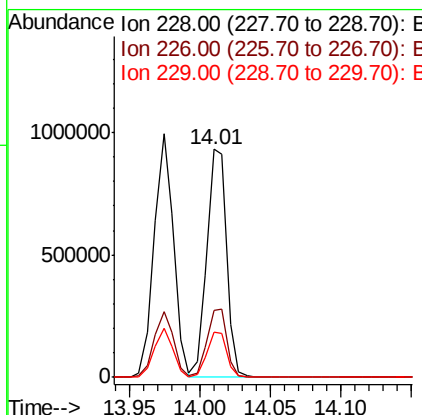
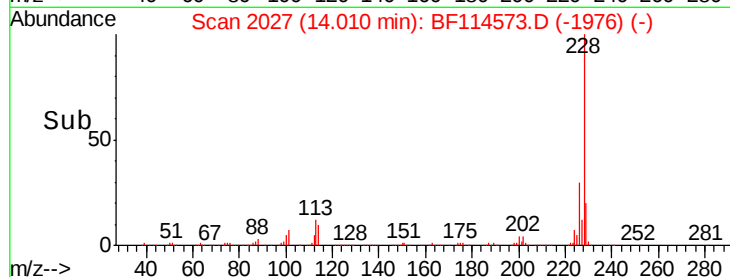
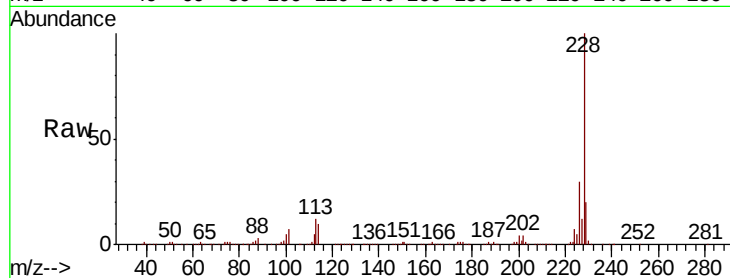
#83
 Chrysene
 Concen: 41.762 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	228	Resp:	910871
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.0	37.6
229	19.7	17.0	25.6

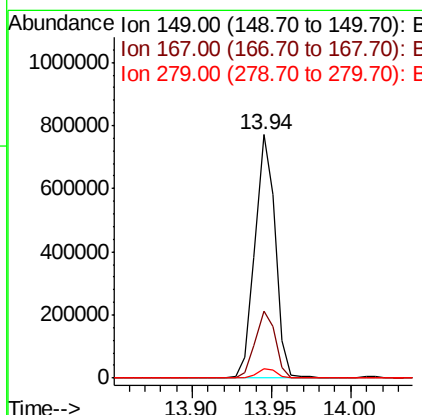
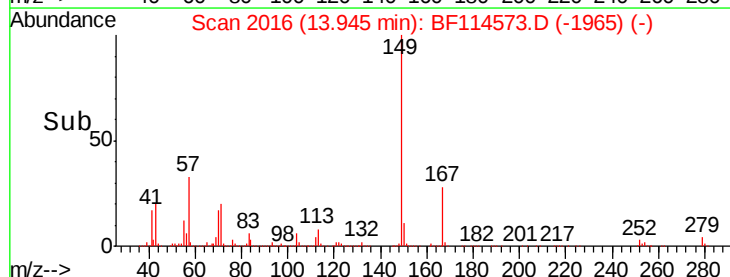
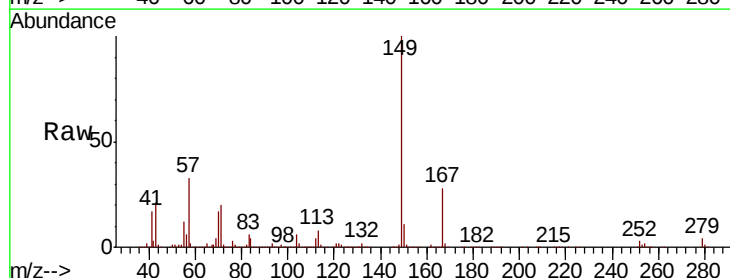
Manual Integrations
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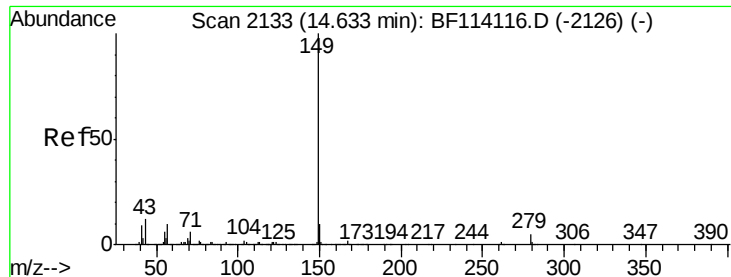
mohammad
 5/27/2019 3:48:12 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.069 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion:	149	Resp:	686564
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.6	33.8
279	3.6	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 39.987 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

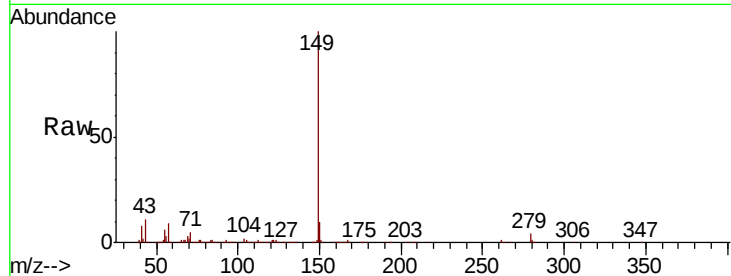
ClientSampled :

SSTDCCC040

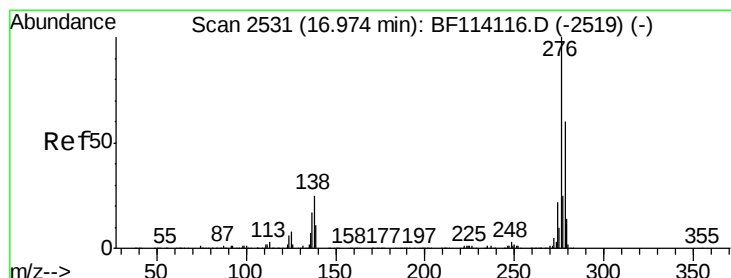
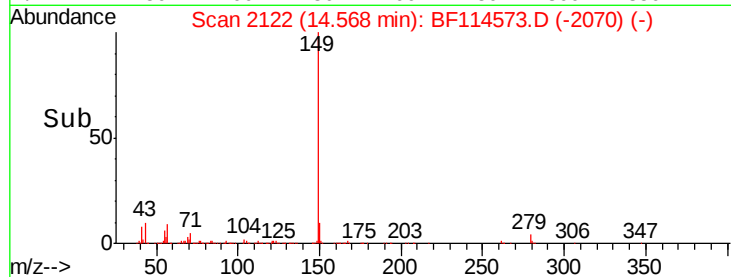
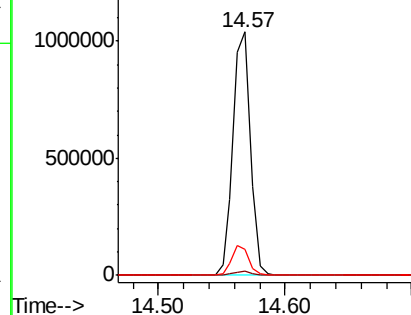
Tot Ion:	149	Resp:	987474
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.5	10.1	15.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.987 ng

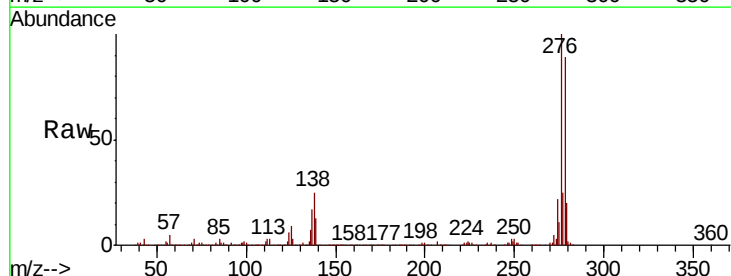
RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

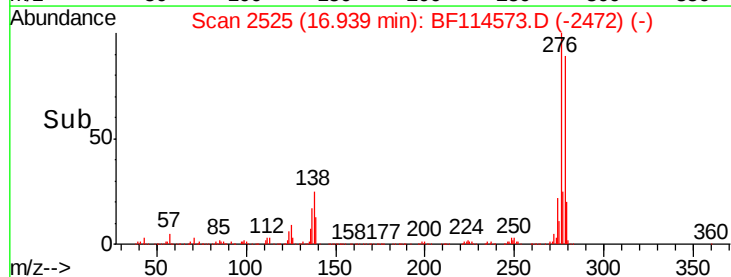
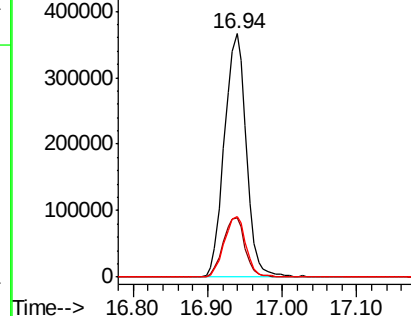
Lab File: BF114573.D

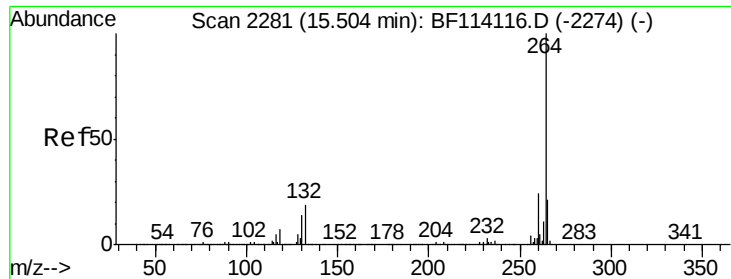
Acq: 24 May 2019 16:49

Tgt Ion:	276	Resp:	751509
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.2	30.2
277	24.8	20.0	30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

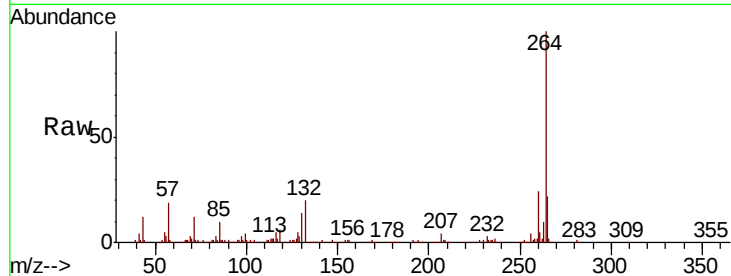
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	273383
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.0
265	22.0	16.9	25.3

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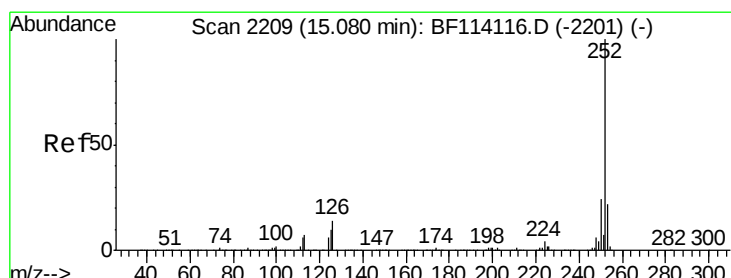
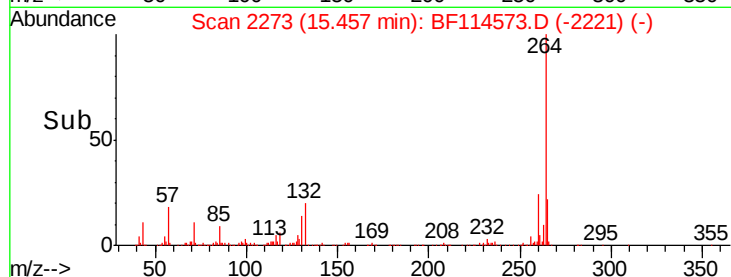
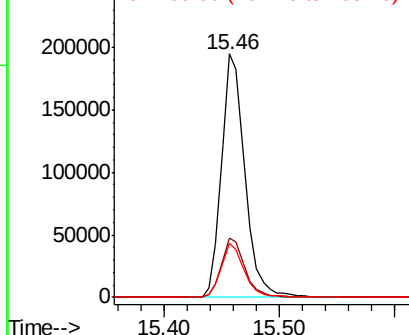


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.897 ng

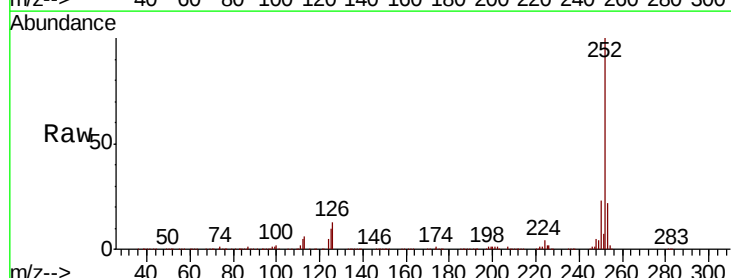
RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion:	252	Resp:	733801
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.2	8.3	12.5

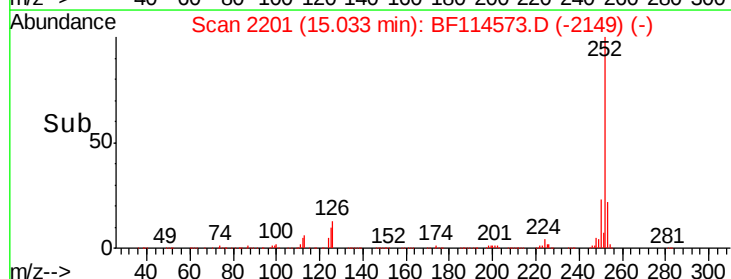
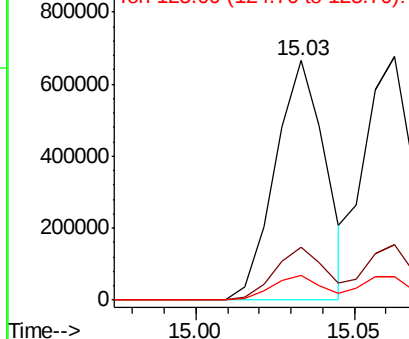


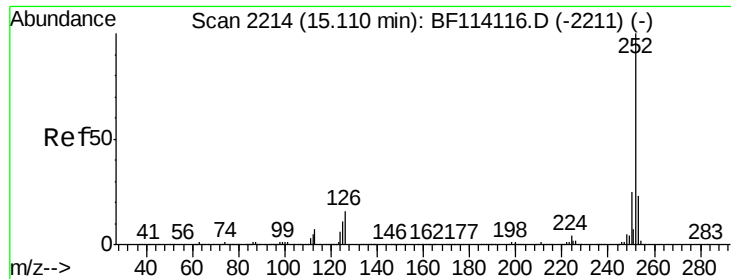
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





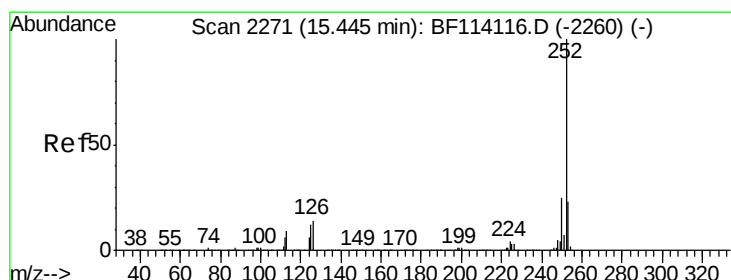
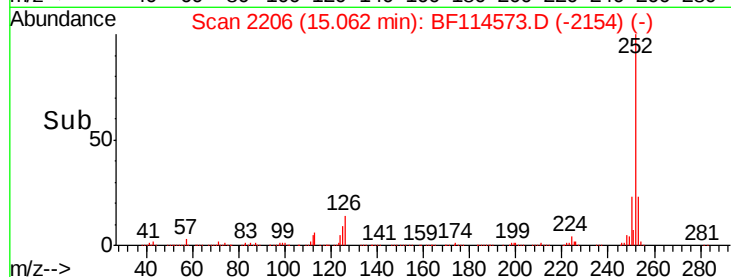
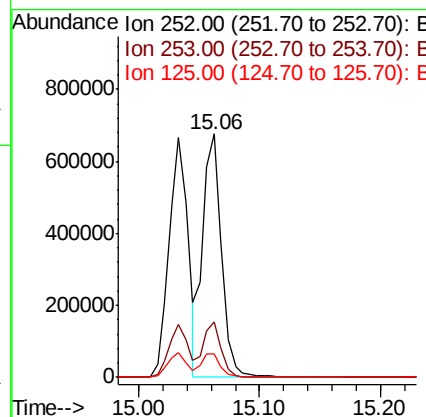
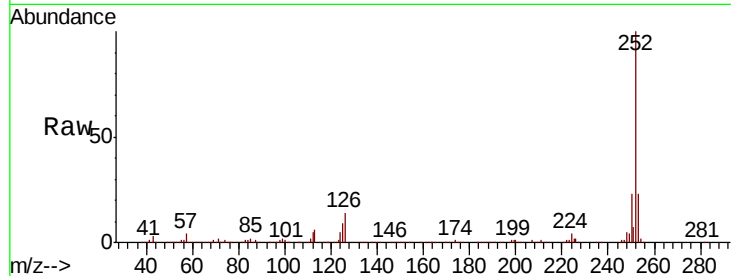
#89
Benzo(k)fluoranthene
Concen: 45.437 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.5	8.6	13.0

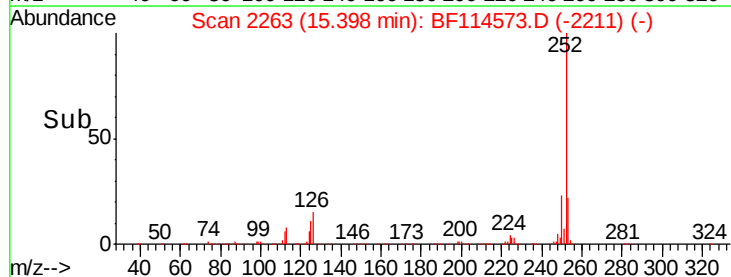
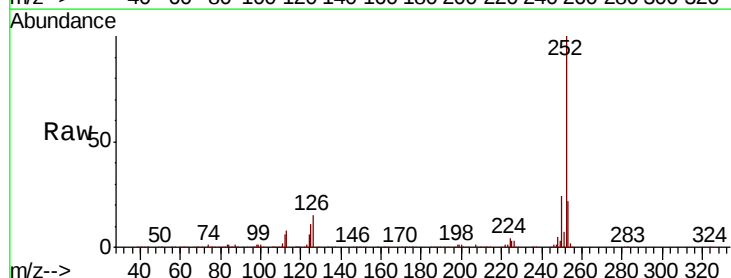
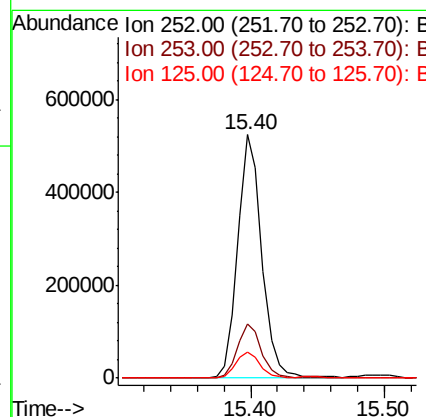
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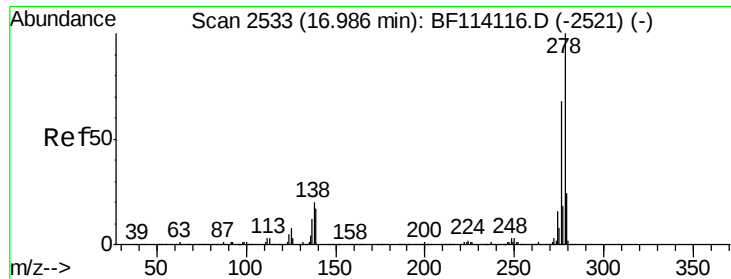
mohammad
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#90
Benzo(a)pyrene
Concen: 42.937 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.8	9.5	14.3





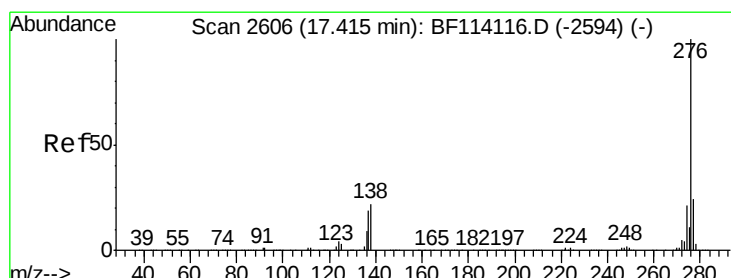
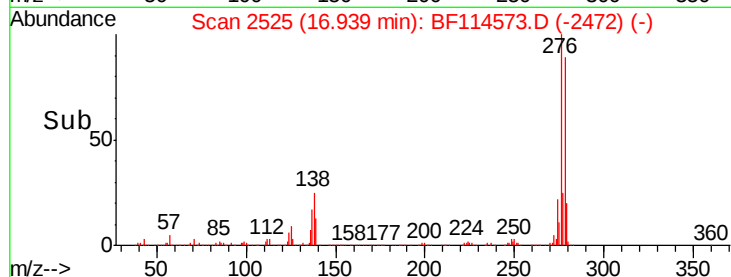
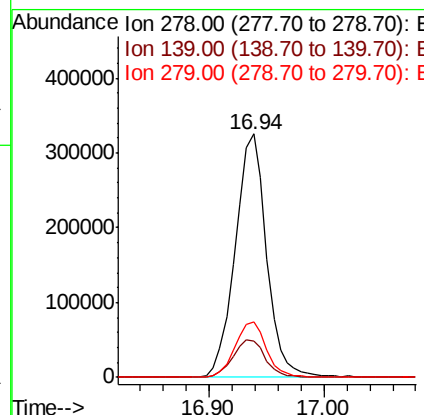
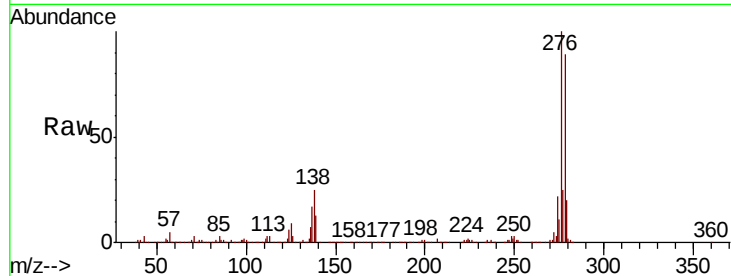
#91
Dibenzo(a,h)anthracene
Concen: 48.162 ng m
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.5	20.3
279	22.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:48:12 AM



#92
Benzo(g,h,i)perylene
Concen: 50.303 ng m
RT: 17.38 min Scan# 2600
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	21.4	17.8	26.6

