

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114602.D
 Acq On : 25 May 2019 14:34
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:49:39 AM

Quant Time: May 27 01:55:04 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	6.80	152	140291	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	573198	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	274146	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	535955	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	363419	20.00	ng	-0.02
87) Perylene-d12	15.43	264	366208	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	702375	80.57	ng	-0.02
7) Phenol-d6	6.45	99	871943	84.57	ng	-0.01
23) Nitrobenzene-d5	7.37	82	837067	81.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	223572	78.88	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1548783	85.46	ng	-0.02
79) Terphenyl-d14	12.90	244	1542866	87.52	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	158262	33.028	ng	100
3) Pyridine	3.25	79	441565m	33.446	ng	
4) n-Nitrosodimethylamine	3.20	42	217320	34.135	ng	97
6) Aniline	6.47	93	612496	41.123	ng	# 80
8) 2-Chlorophenol	6.59	128	407751	43.813	ng	95
9) Benzaldehyde	6.36	77	252156	34.933	ng	97
10) Phenol	6.46	94	506034	41.720	ng	# 71
11) bis(2-Chloroethyl)ether	6.53	93	396818	43.093	ng	99
12) 1,3-Dichlorobenzene	6.75	146	452770	43.341	ng	99
13) 1,4-Dichlorobenzene	6.82	146	461910	43.879	ng	98
14) 1,2-Dichlorobenzene	6.97	146	426238	44.319	ng	99
15) Benzyl Alcohol	6.95	79	327045	40.669	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	745626	41.761	ng	61
17) 2-Methylphenol	7.07	107	319954	41.851	ng	# 91
18) Hexachloroethane	7.31	117	173860	43.999	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	281913	43.136	ng	98
20) 3+4-Methylphenols	7.22	107	408694	46.270	ng	# 78
22) Acetophenone	7.22	105	545013	42.921	ng	# 90
24) Nitrobenzene	7.39	77	434328	41.751	ng	99
25) Isophorone	7.63	82	783327	41.353	ng	99
26) 2-Nitrophenol	7.70	139	218125	43.218	ng	96
27) 2,4-Dimethylphenol	7.75	122	324445	40.930	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	524937	42.710	ng	99
29) 2,4-Dichlorophenol	7.96	162	340543	43.144	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	381200	42.471	ng	98
31) Naphthalene	8.10	128	1159360	43.300	ng	98
32) Benzoic acid	7.90	122	196602m	36.717	ng	
33) 4-Chloroaniline	8.16	127	527751	43.254	ng	97
34) Hexachlorobutadiene	8.22	225	224237	43.908	ng	98
35) Caprolactam	8.53	113	108139	42.016	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	350382	44.100	ng	99
37) 2-Methylnaphthalene	8.80	142	777539	45.009	ng	98
38) 1-Methylnaphthalene	8.90	142	735220	45.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	360511	43.412	ng	100

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 BNA_F
 ClientSampleId :
 SSTDC040

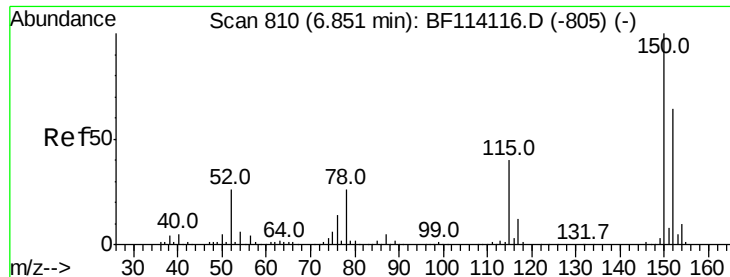
Manual Integrations
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Quant Time: May 27 01:55:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	136395	37.673	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	225696	39.512	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	227386	38.817	nq	96
46) 1,1'-Biphenyl	9.26	154	966253	43.629	nq	96
47) 2-Chloronaphthalene	9.29	162	764426	42.888	nq	99
48) 2-Nitroaniline	9.39	65	257137	40.678	nq	93
49) Acenaphthylene	9.70	152	1149367	42.398	nq	98
50) Dimethylphthalate	9.56	163	868839	43.172	nq	99
51) 2,6-Dinitrotoluene	9.63	165	187149	41.927	nq	95
52) Acenaphthene	9.87	154	690193	41.490	nq	99
53) 3-Nitroaniline	9.80	138	231317	41.747	nq	98
54) 2,4-Dinitrophenol	9.93	184	82598	40.443	nq	94
55) Dibenzofuran	10.05	168	985495	40.400	nq	98
56) 4-Nitrophenol	9.99	139	128103	32.692	nq	96
57) 2,4-Dinitrotoluene	10.04	165	229544	37.888	nq	# 76
58) Fluorene	10.39	166	821327	43.591	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	189813	37.553	nq	98
60) Diethylphthalate	10.26	149	878446	42.960	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	407430	44.027	nq	98
62) 4-Nitroaniline	10.42	138	219098	37.629	nq	96
63) Azobenzene	10.54	77	816688	41.262	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	111053	43.122	nq	84
66) n-Nitrosodiphenylamine	10.50	169	712889	43.826	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	256566	43.478	nq	96
68) Hexachlorobenzene	10.95	284	276513	42.357	nq	93
69) Atrazine	11.02	200	215095	42.492	nq	98
70) Pentachlorophenol	11.15	266	113935	36.817	nq	99
71) Phenanthrene	11.35	178	1133041	43.453	nq	99
72) Anthracene	11.40	178	1153412	44.040	nq	99
73) Carbazole	11.56	167	1083209	43.373	nq	98
74) Di-n-butylphthalate	11.88	149	1395839	48.513	nq	99
75) Fluoranthene	12.54	202	1209427	43.072	nq	99
77) Benzidine	12.66	184	579247	35.508	nq	97
78) Pyrene	12.77	202	1208189	41.326	nq	100
80) Butylbenzylphthalate	13.37	149	583080	47.384	nq	100
81) Benzo(a)anthracene	13.96	228	1027961	43.732	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	419887	46.048	nq	99
83) Chrysene	14.00	228	995670	43.211	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	811967	50.452	nq	99
85) Di-n-octyl phthalate	14.54	149	1334134	51.137	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	904151	44.399	nq	99
88) Benzo(b)fluoranthene	15.00	252	1046714	44.614	nq	100
89) Benzo(k)fluoranthene	15.03	252	860863	39.944	nq	99
90) Benzo(a)pyrene	15.37	252	869513	42.111	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	750636	43.750	nq	98
92) Benzo(g,h,i)perylene	17.33	276	746648	43.424	nq	99

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



#1

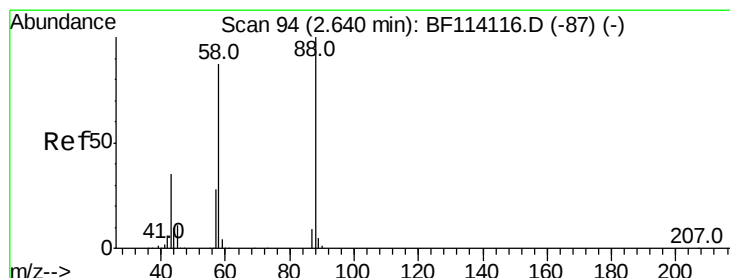
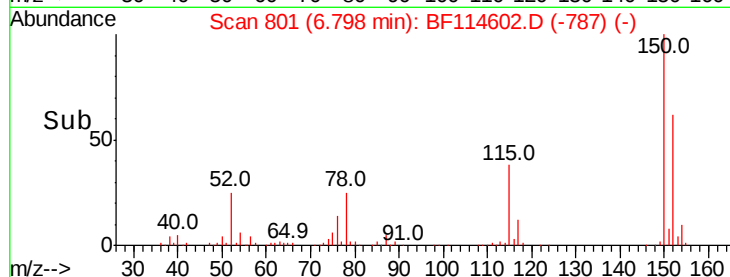
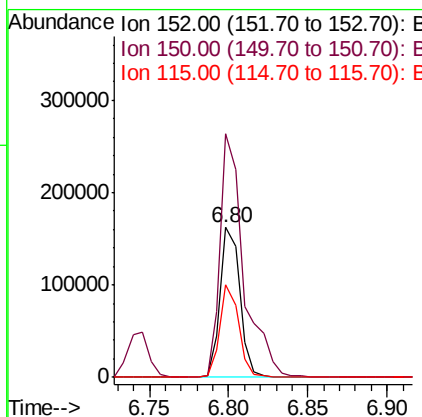
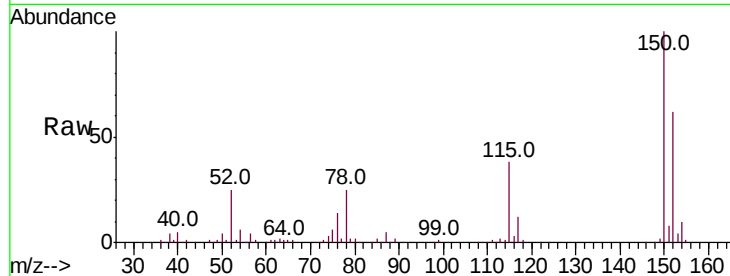
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.3	186.5
115	61.7	49.1	73.7

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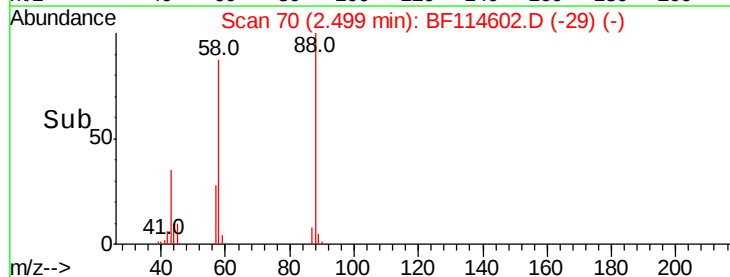
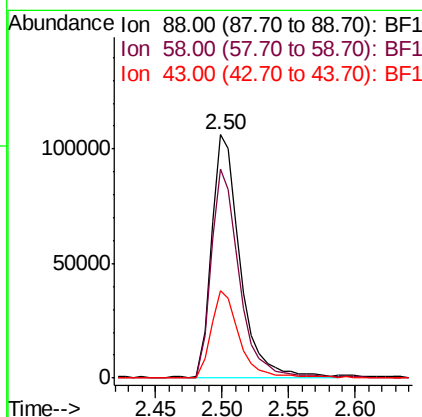
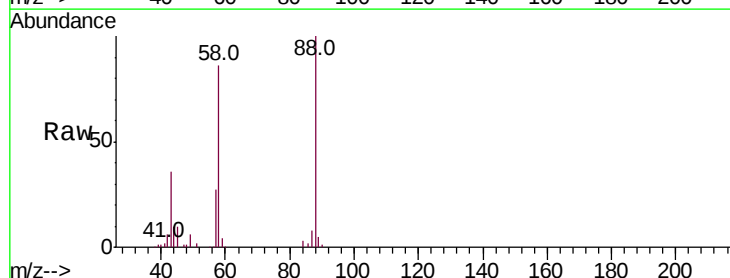
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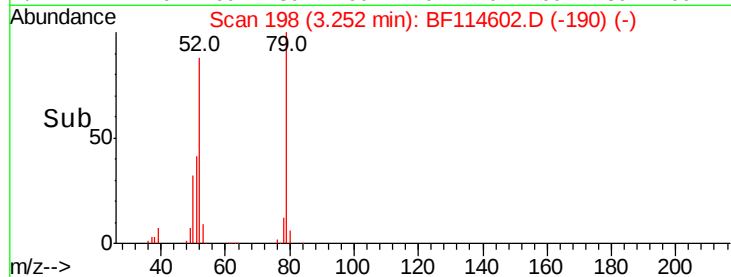
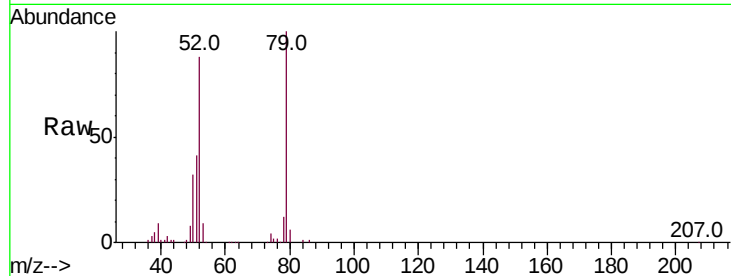
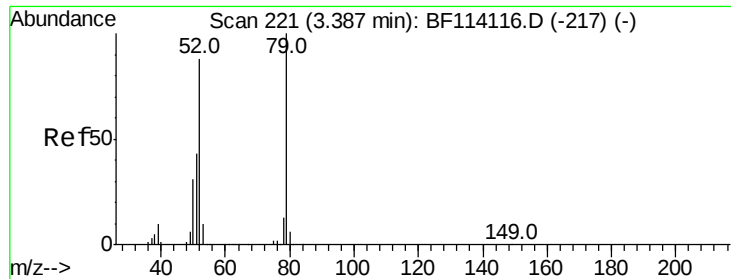


#2

1,4-Dioxane
Concen: 33.028 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.06 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.7	103.1
43	35.6	28.2	42.2





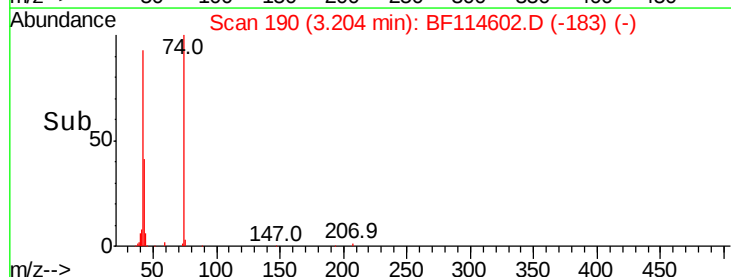
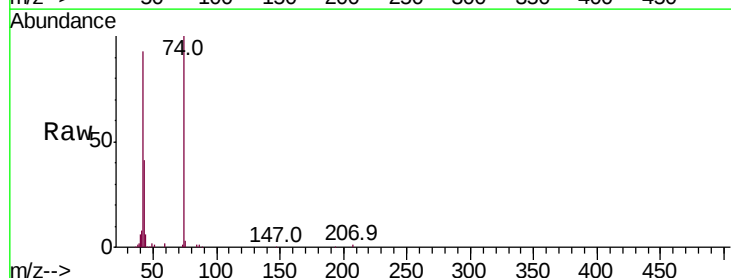
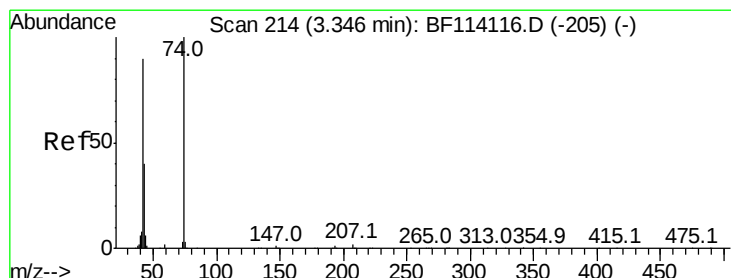
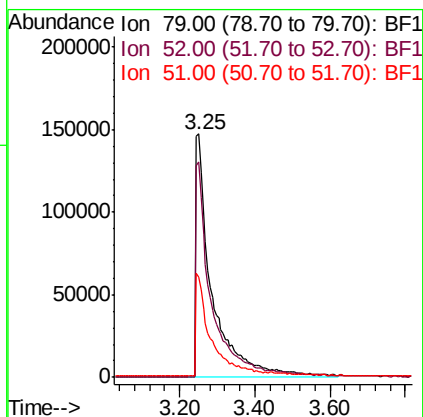
#3
Pvridine
Concen: 33.446 ng/ml
RT: 3.25 min Scan# 198
Delta R.T. -0.05 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.3	70.6	105.8
51	41.3	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

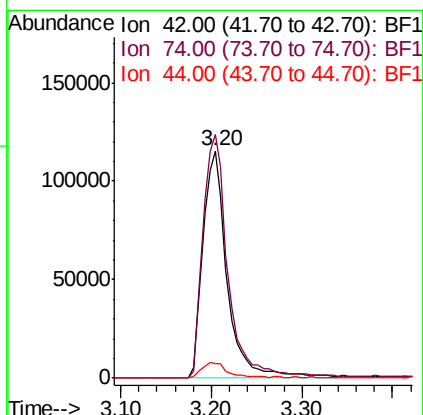
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 34.135 ng/ml
RT: 3.20 min Scan# 190
Delta R.T. -0.06 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.1	88.6	132.8
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 80.569 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

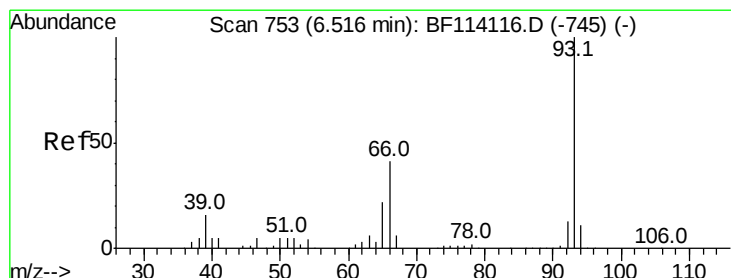
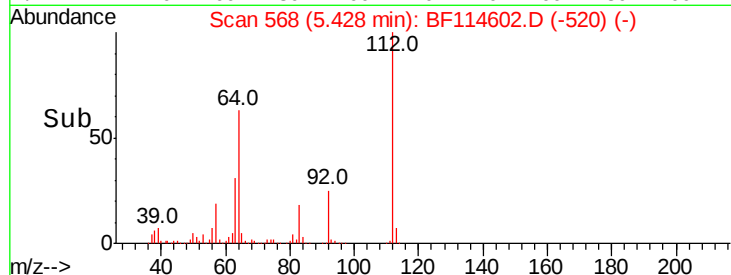
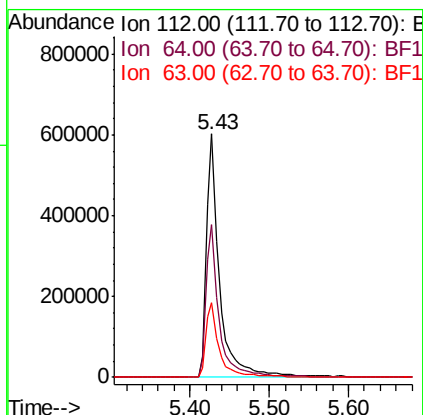
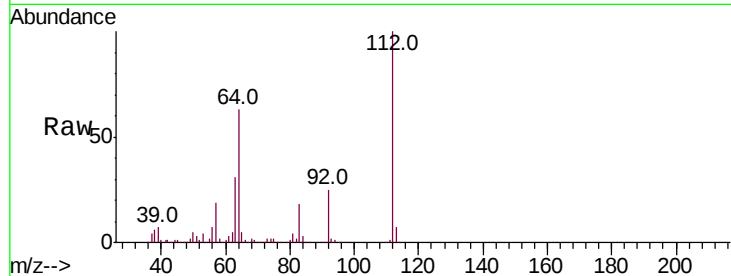
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	702375
Ion Ratio	Lower	Upper	
112	100		
64	62.8	49.0	73.6
63	30.9	24.6	37.0

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#6

Aniline

Concen: 41.123 ng

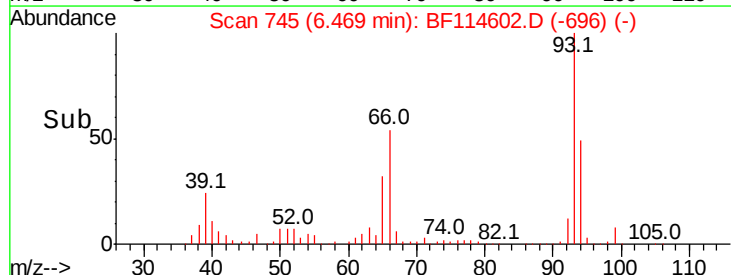
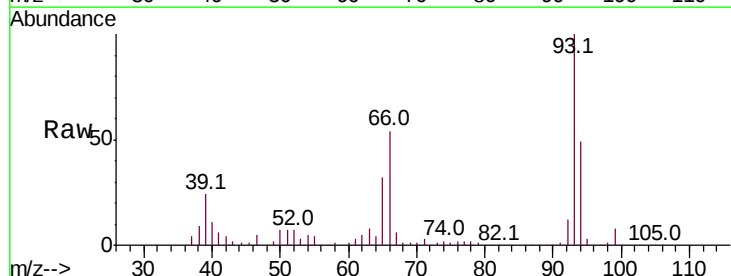
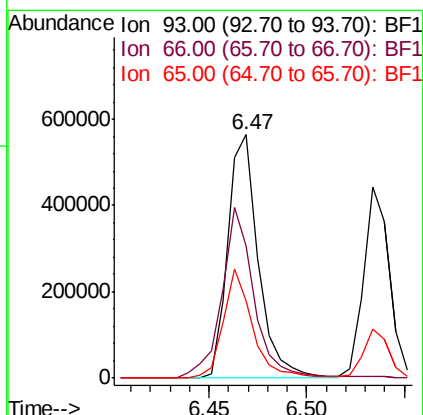
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion:	93	Resp:	612496
Ion Ratio	Lower	Upper	
93	100		
66	54.1	33.2	49.8#
65	31.6	17.6	26.4#





#7

Phenol-d6

Concen: 84.567 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

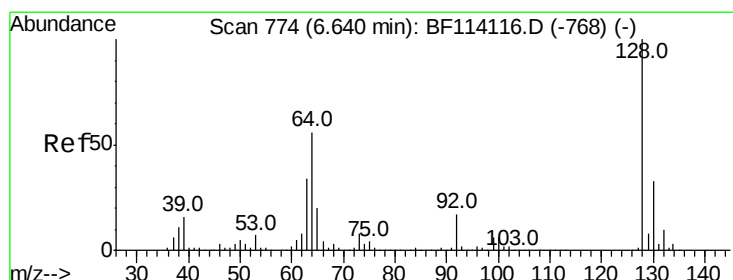
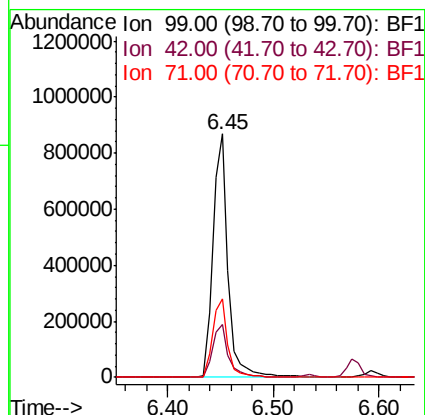
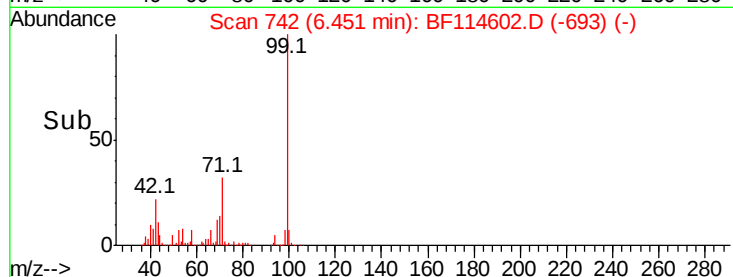
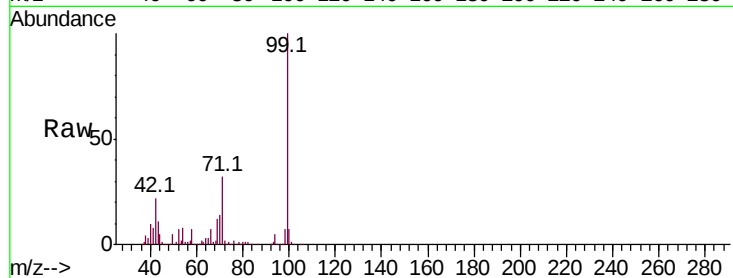
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	871943
Ion Ratio	Lower	Upper	
99	100		
42	21.8	17.9	26.9
71	32.3	26.2	39.2

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#8

2-Chlorophenol

Concen: 43.813 ng

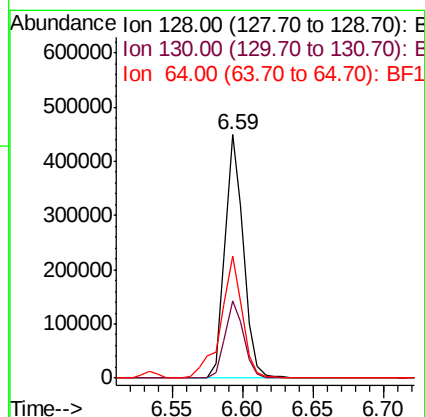
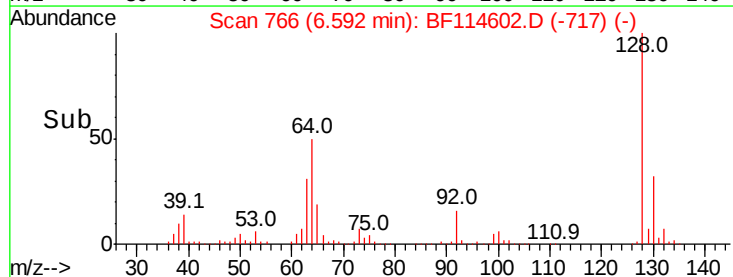
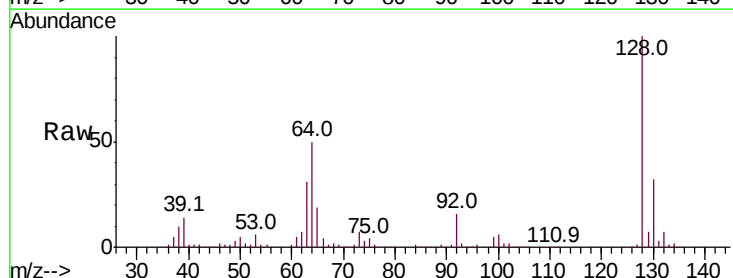
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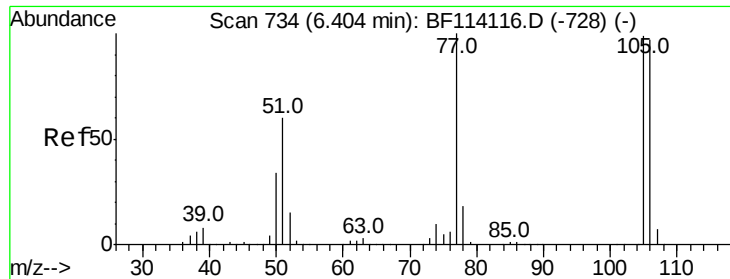
Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion:	128	Resp:	407751
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.6	52.6
64	50.4	35.9	75.9





#9

Benzaldehyde

Concen: 34.933 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

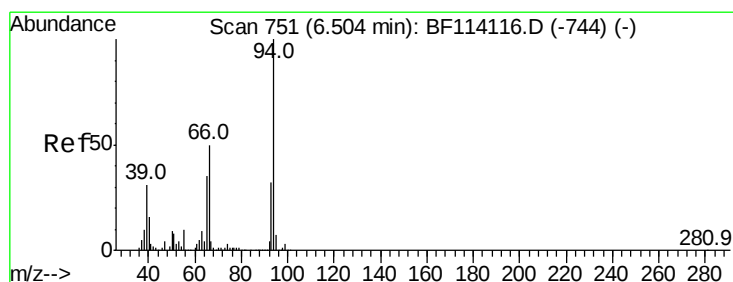
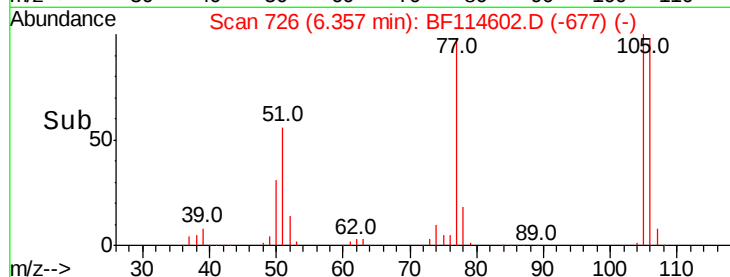
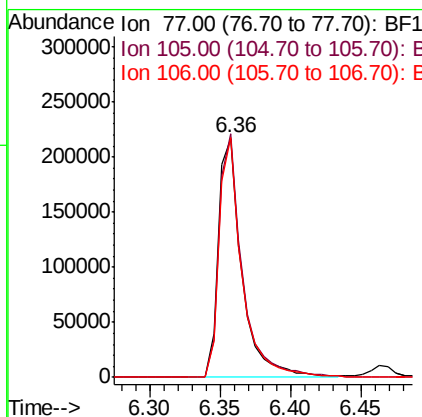
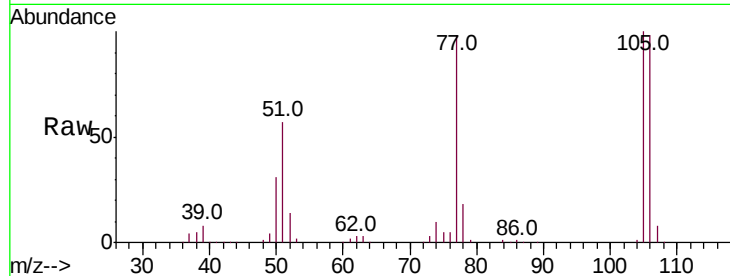
ClientSampleId :

SSTDCCC040

Tot Ion	77	Resp	252156
Ion	Ratio	Lower	Upper
77	100		
105	102.1	79.3	119.3
106	100.4	77.0	117.0

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#10

Phenol

Concen: 41.720 ng

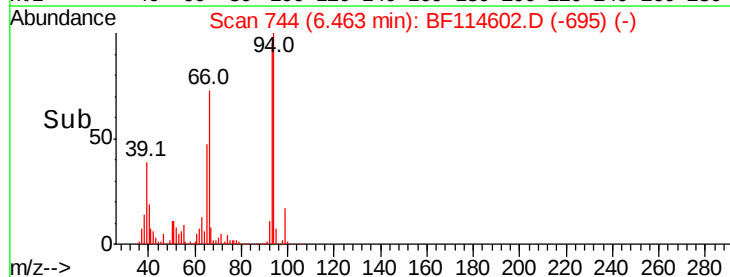
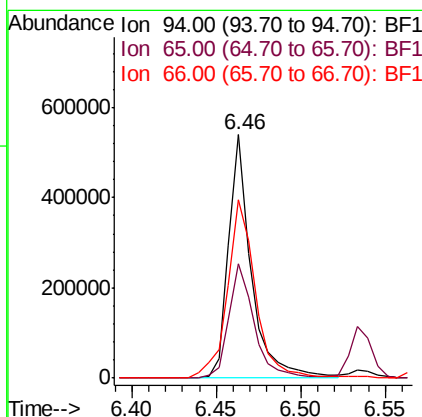
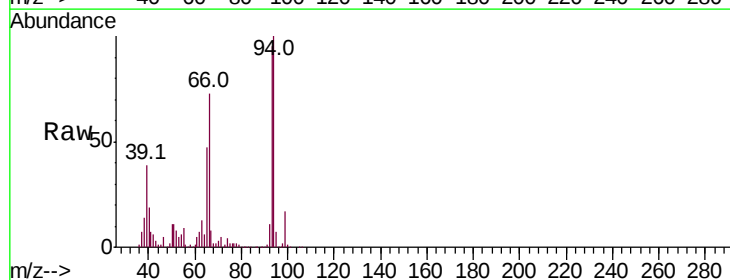
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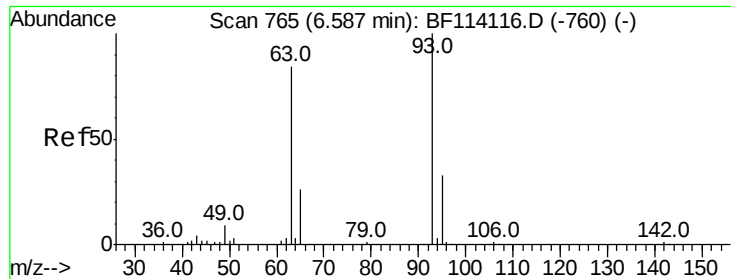
Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion	94	Resp	506034
Ion	Ratio	Lower	Upper
94	100		
65	46.7	14.7	54.7
66	73.3	29.6	69.6#





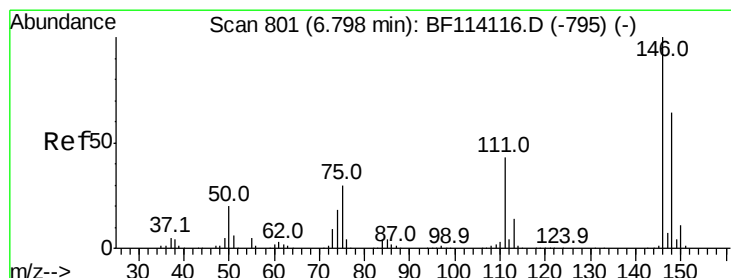
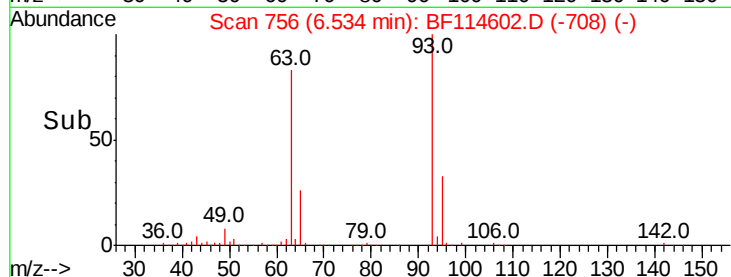
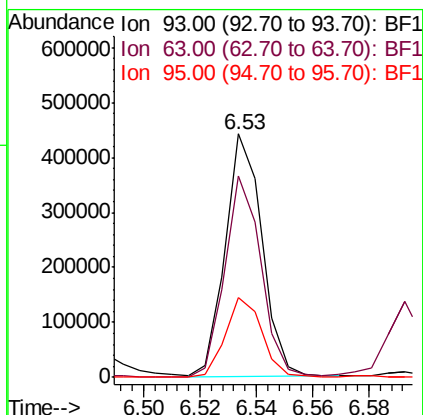
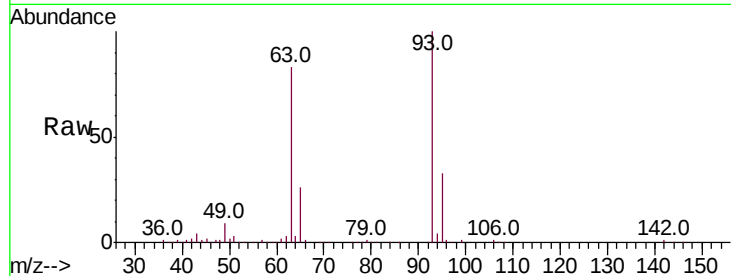
#11
bis(2-Chloroethyl)ether
Concen: 43.093 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	63.6	103.6
95	32.7	13.1	53.1

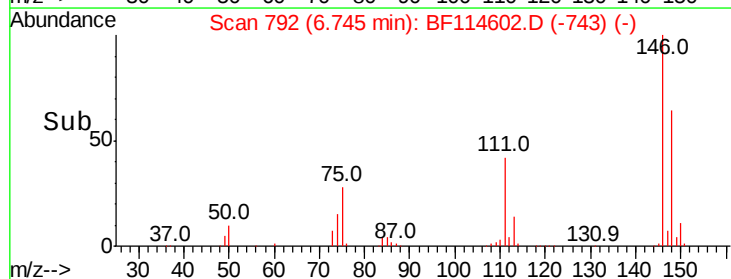
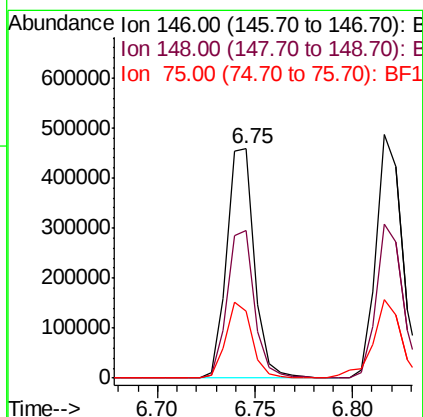
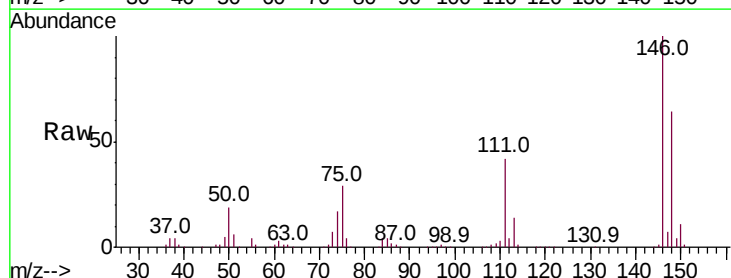
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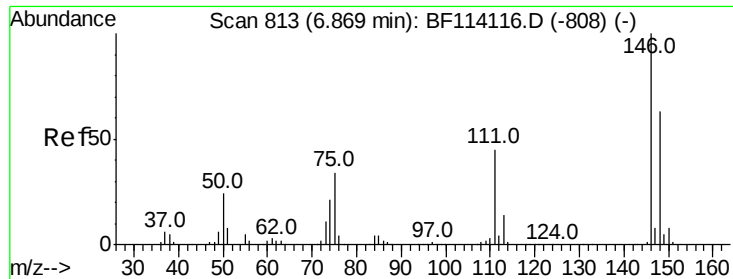
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#12
1,3-Dichlorobenzene
Concen: 43.341 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	29.2	24.2	36.2





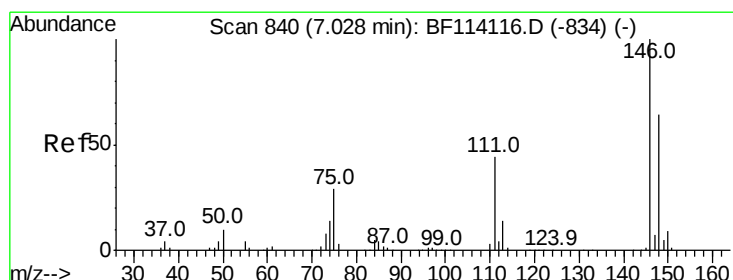
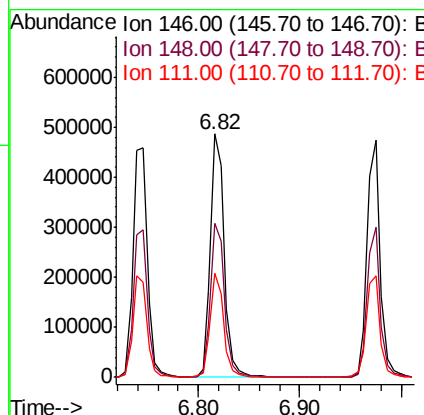
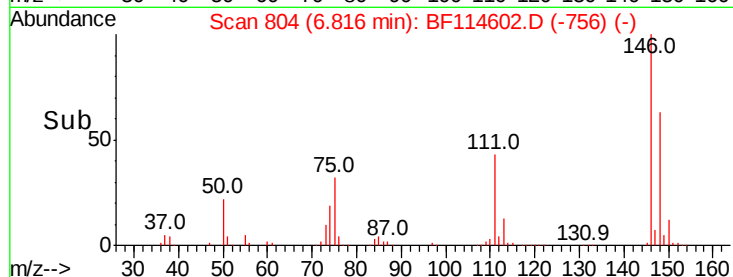
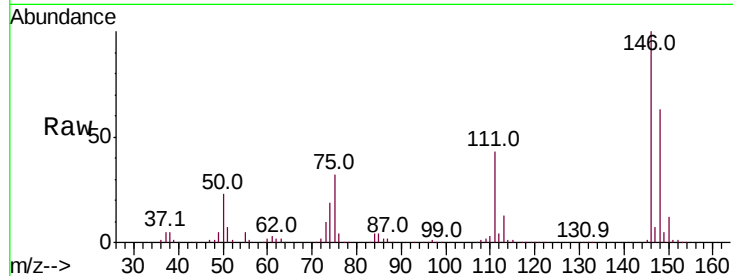
#13
 1,4-Dichlorobenzene
 Concen: 43.879 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.2	75.2
111	43.0	35.8	53.6

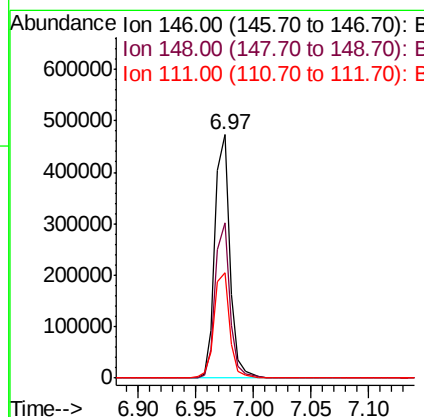
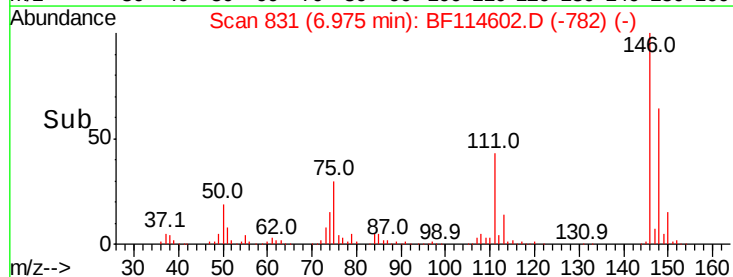
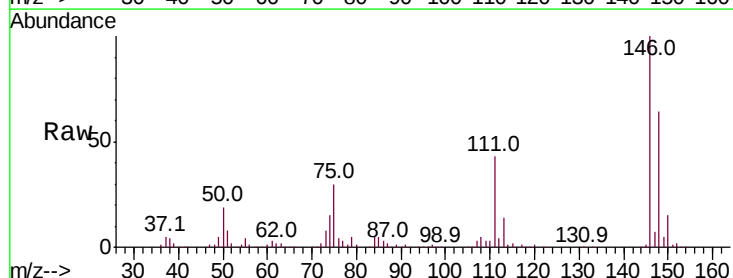
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#14
 1,2-Dichlorobenzene
 Concen: 44.319 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.669 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

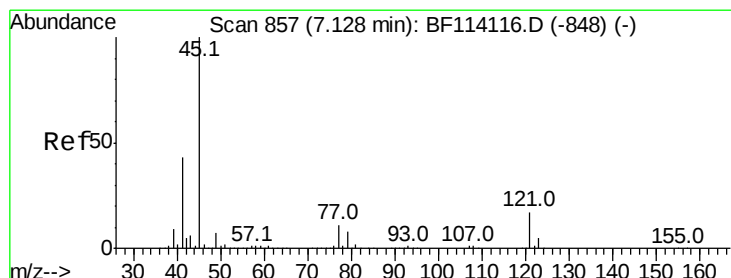
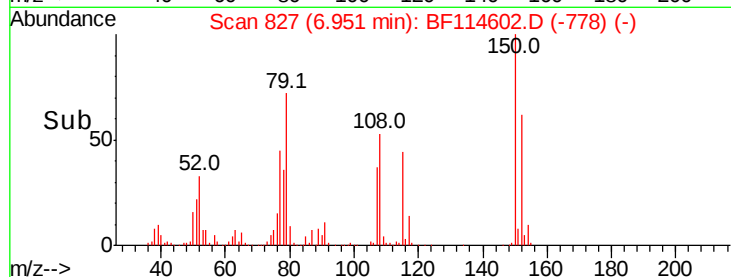
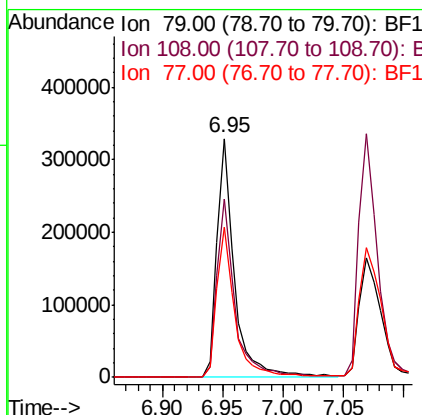
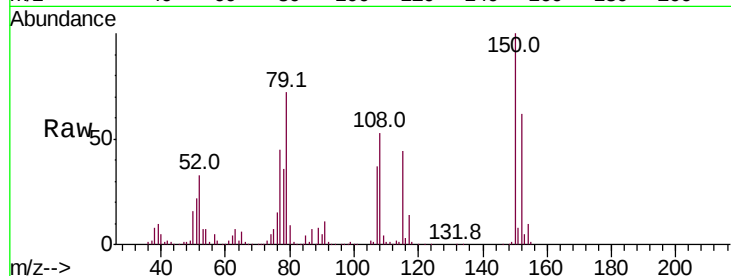
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	327045
Ion Ratio	Lower	Upper	
79	100		
108	74.4	62.1	93.1
77	62.7	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.761 ng

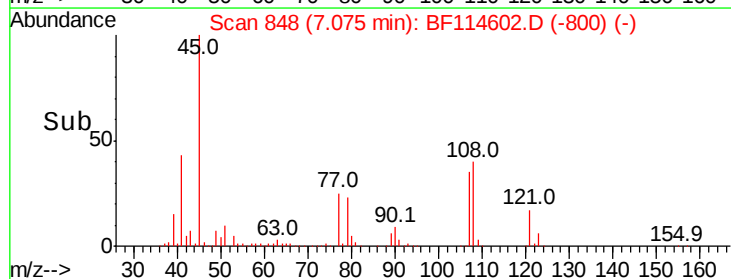
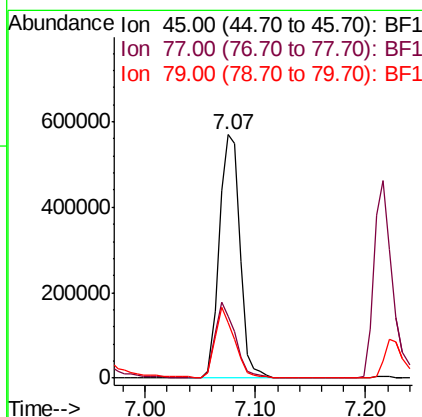
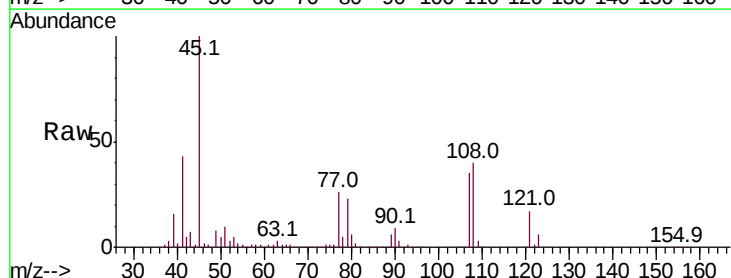
RT: 7.07 min Scan# 848

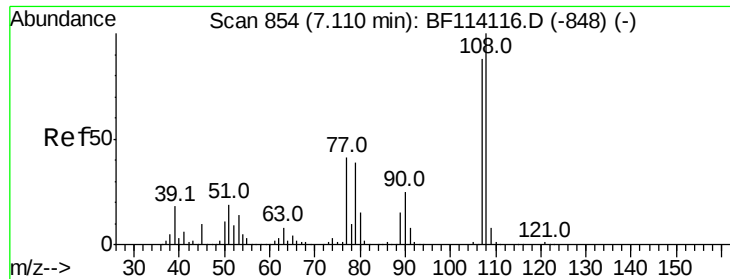
Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion:	45	Resp:	745626
Ion Ratio	Lower	Upper	
45	100		
77	25.6	0.0	31.1
79	23.0	0.0	28.4





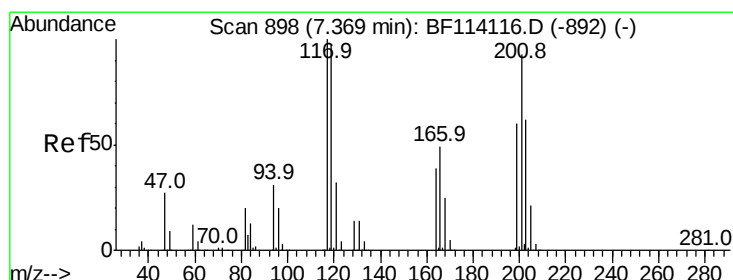
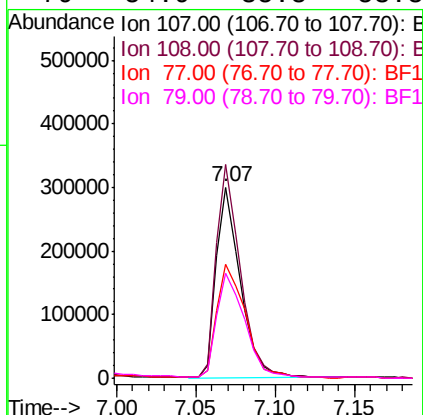
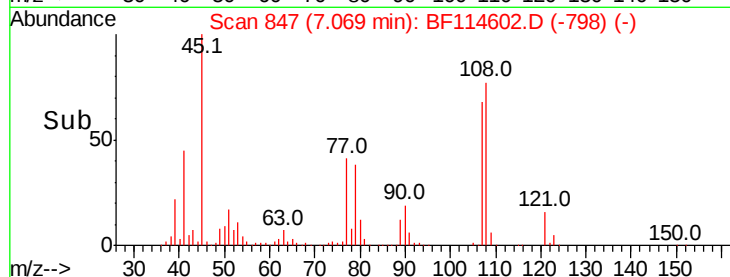
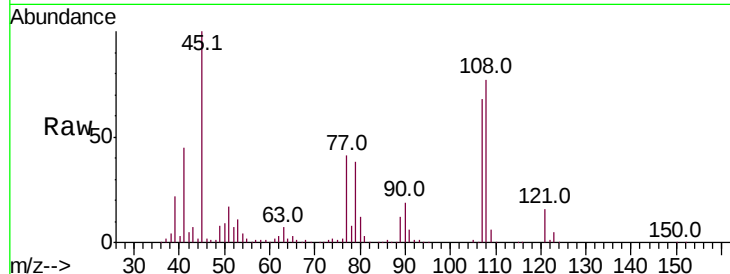
#17
2-Methylphenol
Concen: 41.851 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	90.5	135.7	
77	59.7	37.0	55.4#	
79	54.9	35.8	53.8#	

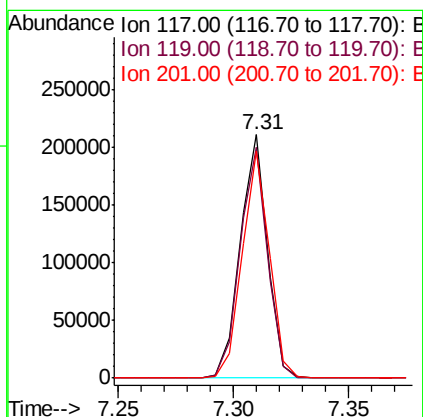
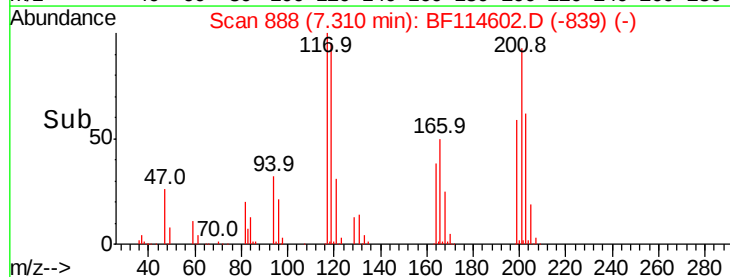
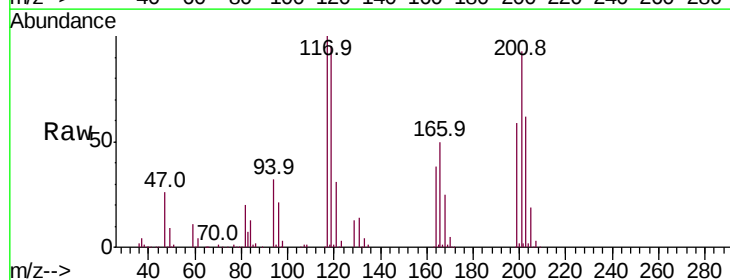
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#18
Hexachloroethane
Concen: 43.999 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.4	116.2	
201	93.4	74.5	111.7	





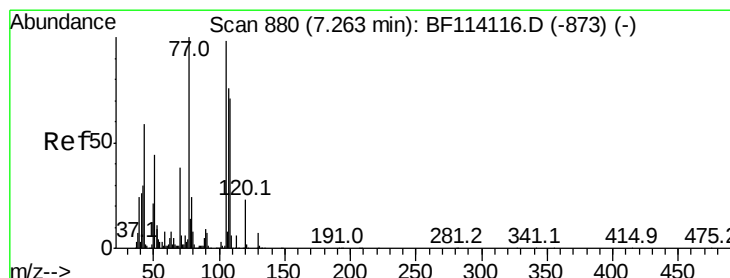
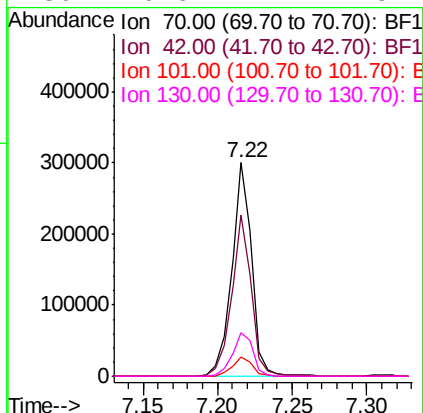
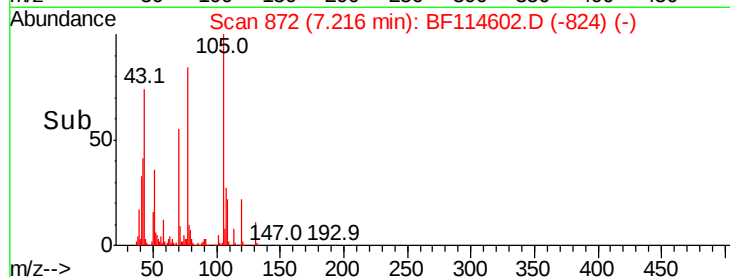
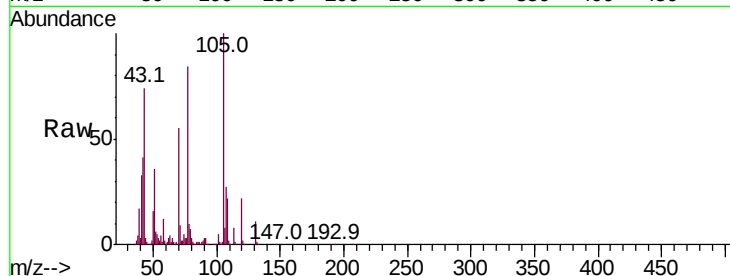
#19
n-Nitroso-di-n-propylamine
Concen: 43.136 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.4	58.6	87.8
101	9.2	7.8	11.8
130	20.6	17.1	25.7

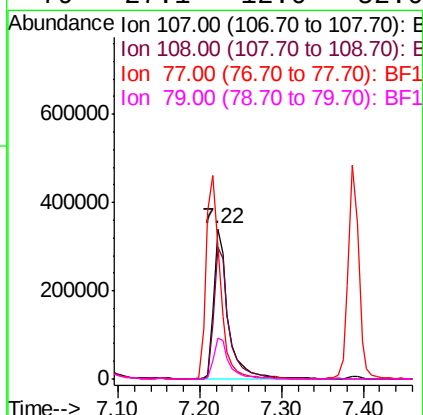
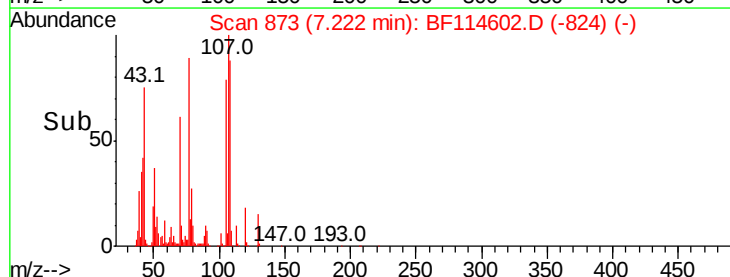
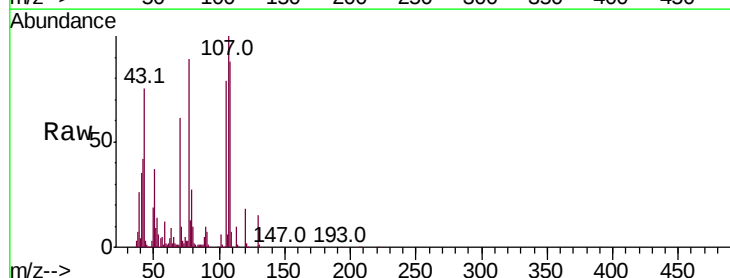
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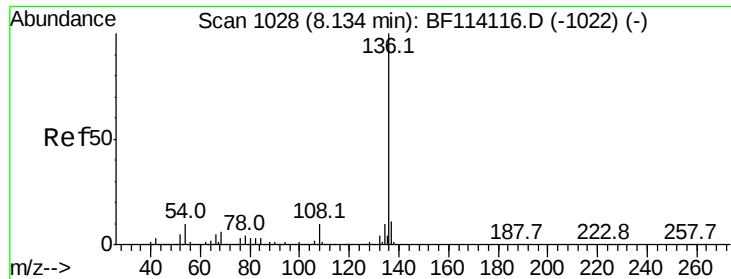
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#20
3+4-Methylphenols
Concen: 46.270 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.8	113.8
77	88.6	111.5	151.5#
79	27.1	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

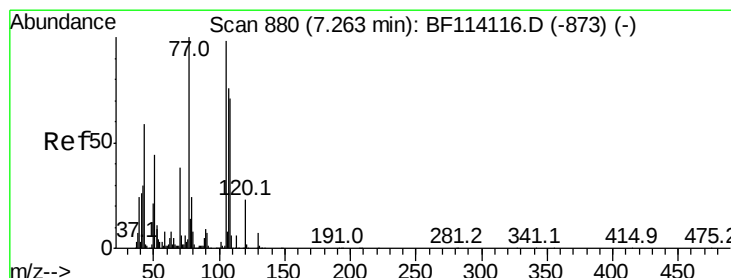
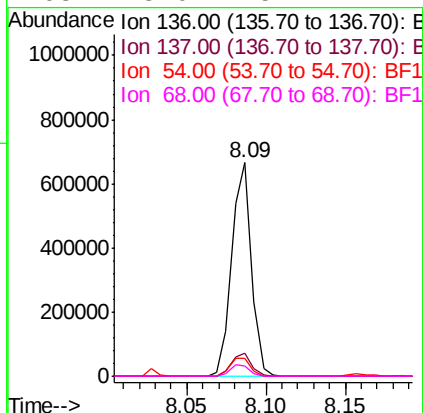
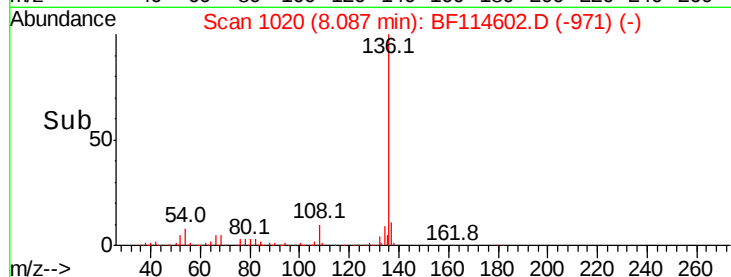
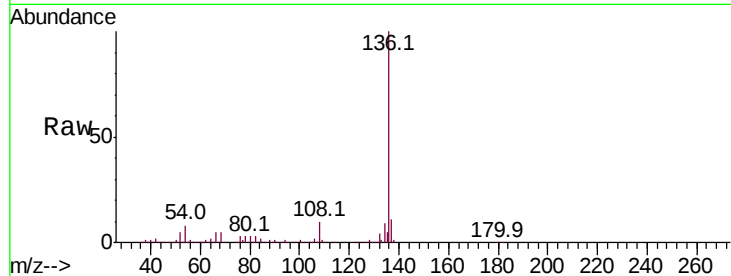
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	573198		
137	10.6		8.8	13.2
54	8.2		7.8	11.8
68	5.0		5.1	7.7#

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#22

Acetophenone

Concen: 42.921 ng

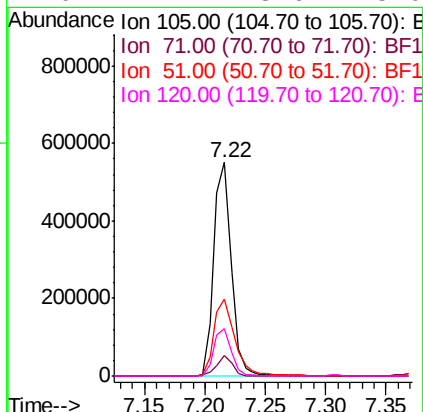
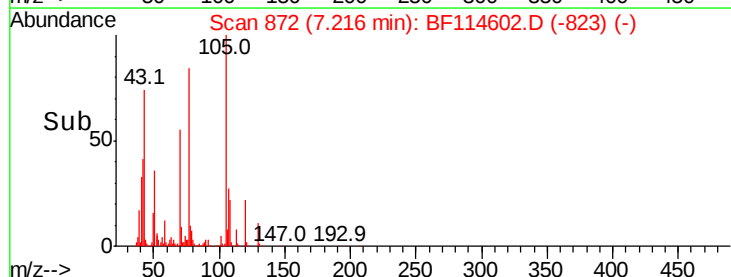
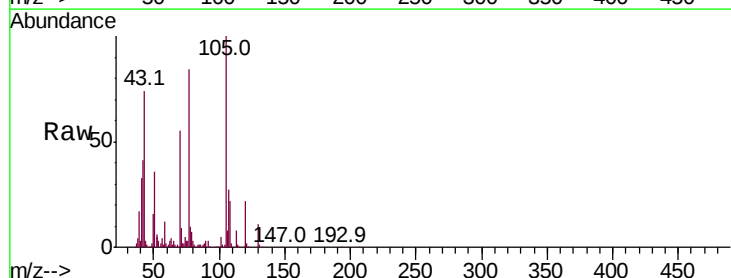
RT: 7.22 min Scan# 872

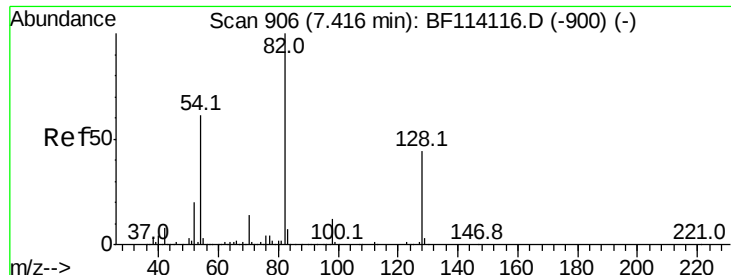
Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	545013		
71	9.5		5.3	7.9#
51	36.1		36.2	54.4#
120	22.2		18.6	28.0





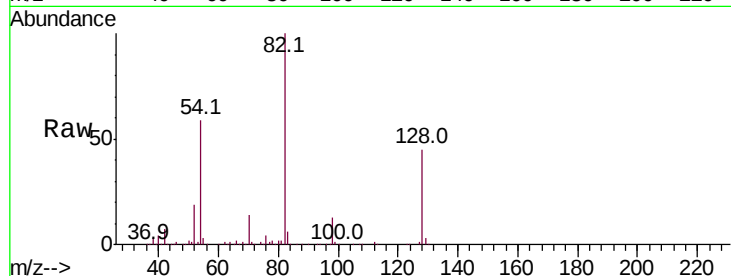
#23
Nitrobenzene-d5
Concen: 81.955 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

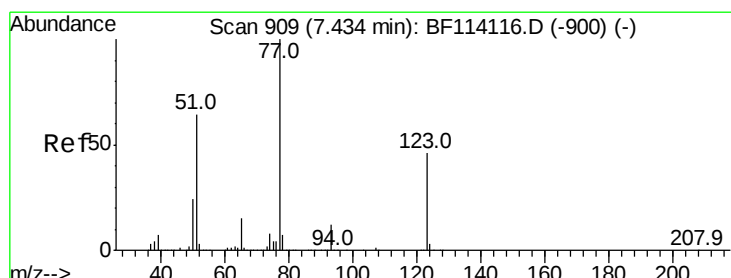
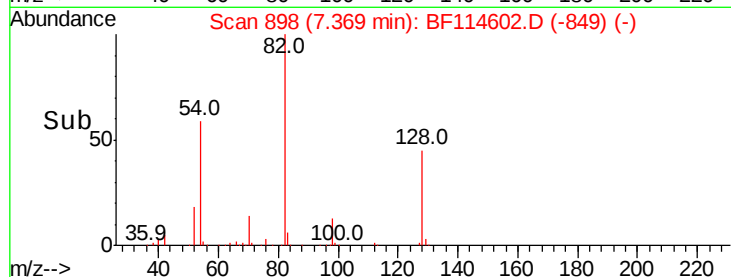
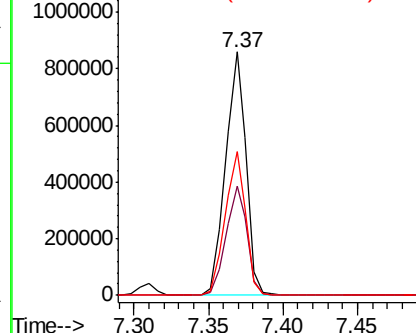
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.5	53.3
54	59.2	48.5	72.7

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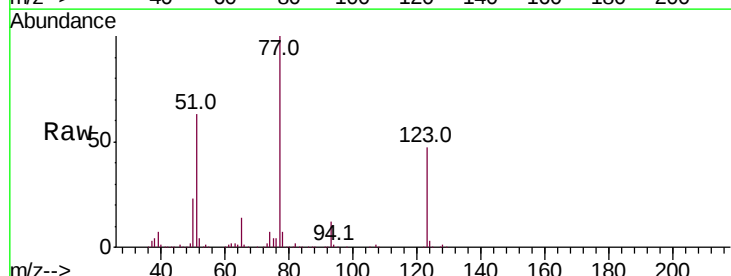


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

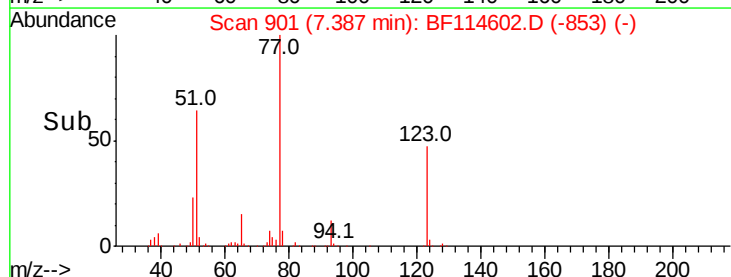
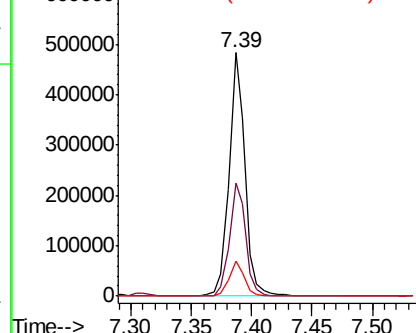


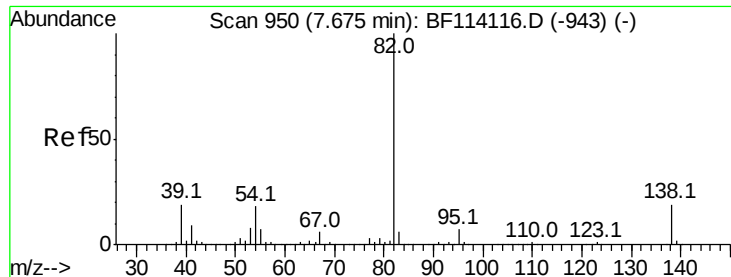
#24
Nitrobenzene
Concen: 41.751 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.9	55.3
65	14.5	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: 41.353 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

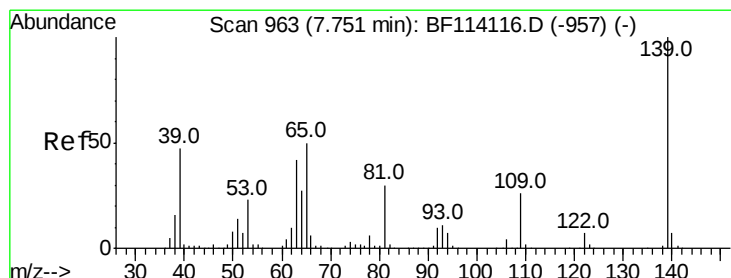
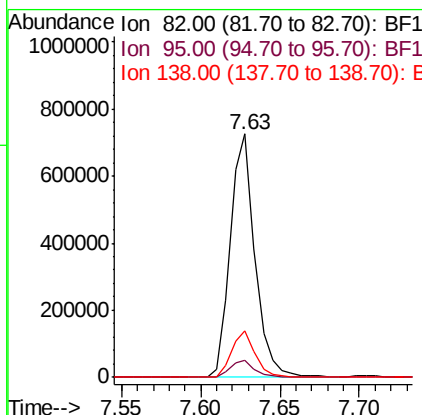
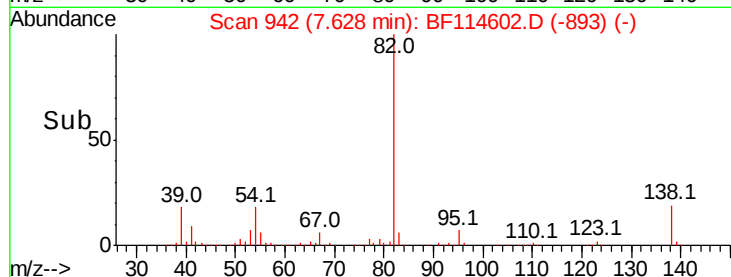
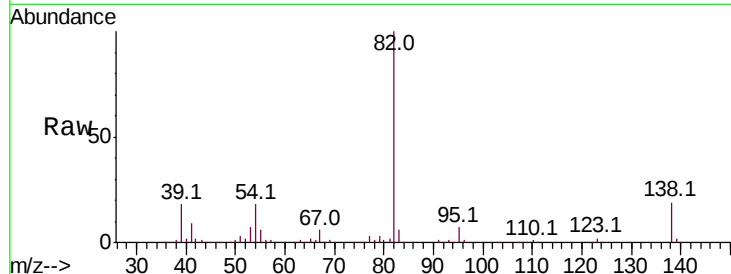
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	783327
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	19.3	14.8	22.2

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#26

2-Nitrophenol

Concen: 43.218 ng

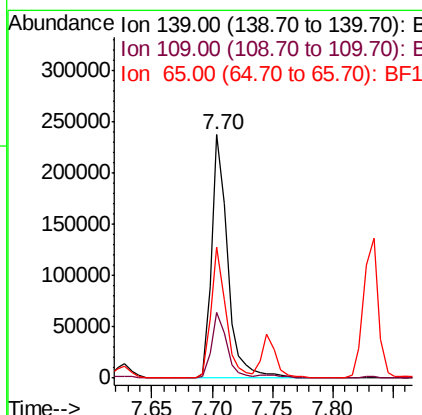
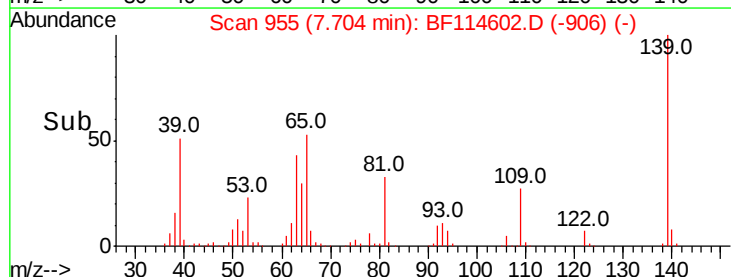
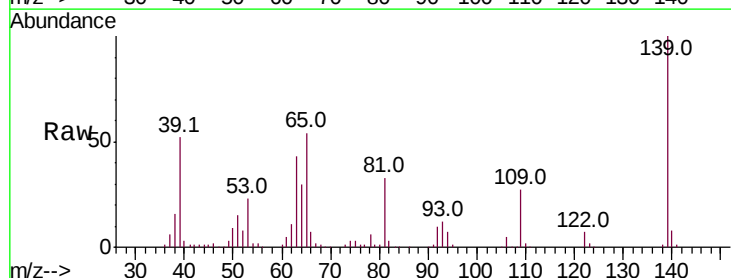
RT: 7.70 min Scan# 955

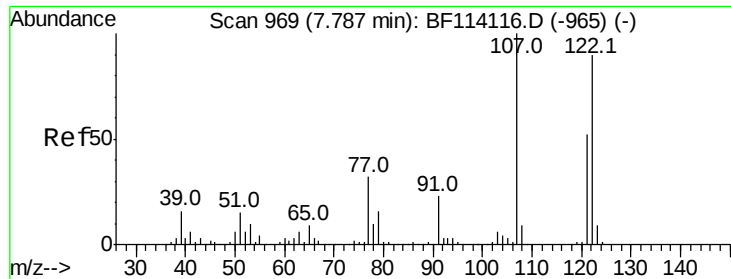
Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion:	139	Resp:	218125
Ion Ratio	Lower	Upper	
139	100		
109	27.0	20.7	31.1
65	53.6	40.2	60.2





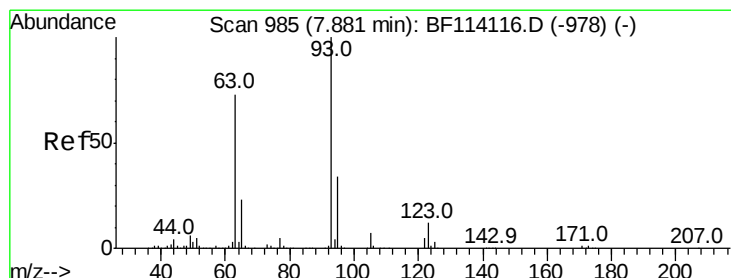
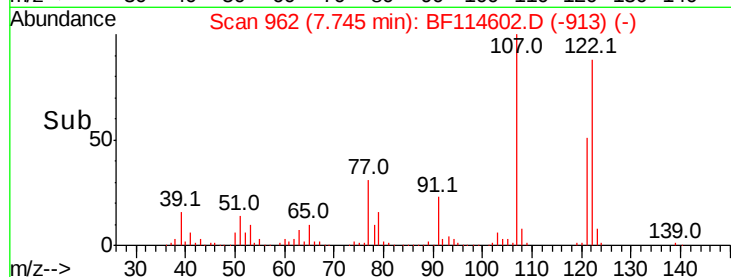
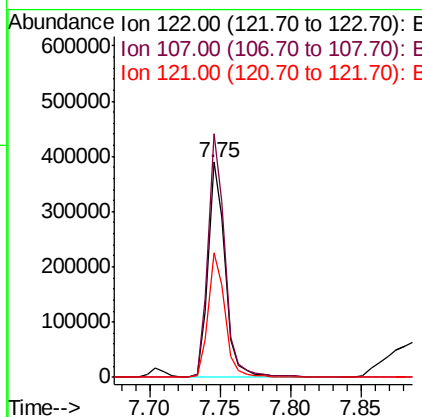
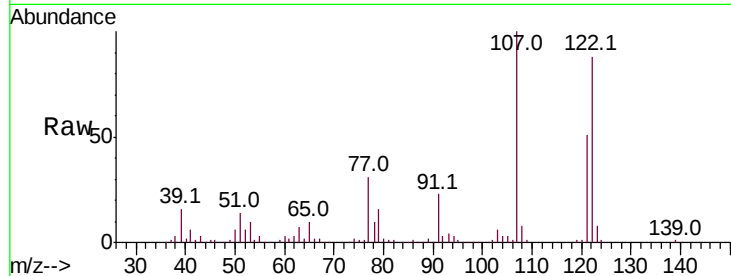
#27
2,4-Dimethylphenol
Concen: 40.930 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	88.4	132.6
121	57.9	45.9	68.9

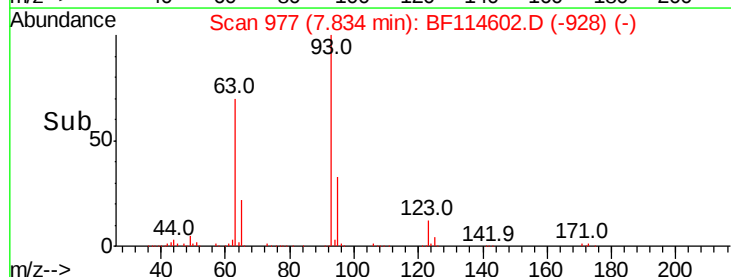
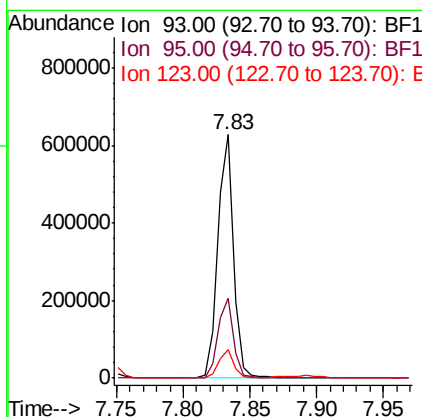
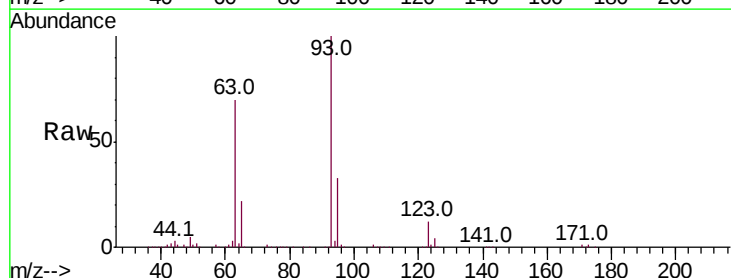
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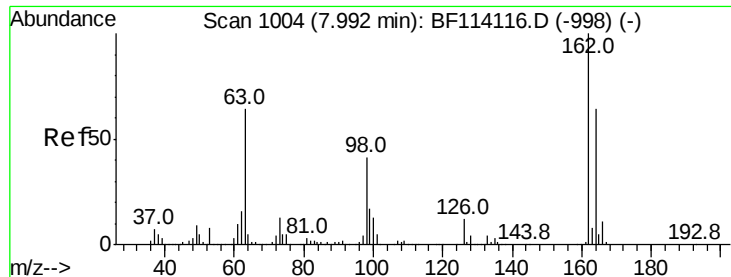
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.710 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	11.6	9.5	14.3





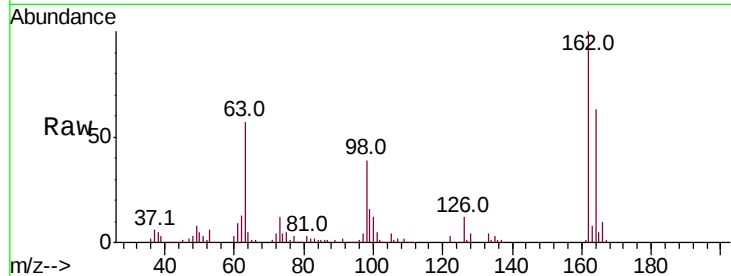
#29
 2,4-Dichlorophenol
 Concen: 43.144 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	43.6	83.6
98	38.6	20.6	60.6

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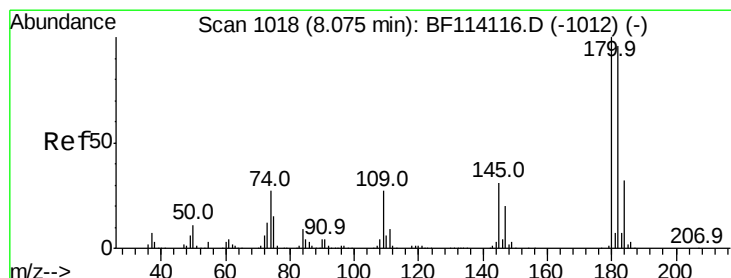
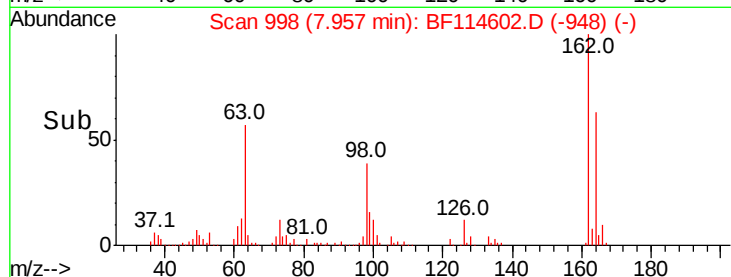
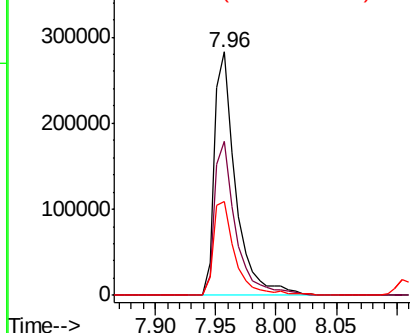


Abundance

Ion 162.00 (161.70 to 162.70): E

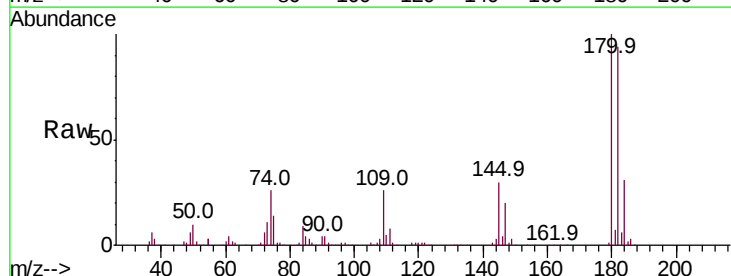
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.471 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	76.6	114.8
145	30.0	25.1	37.7

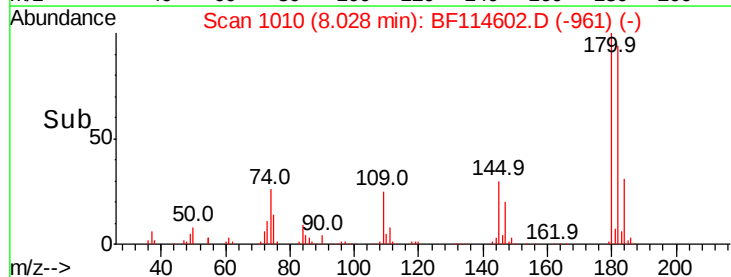
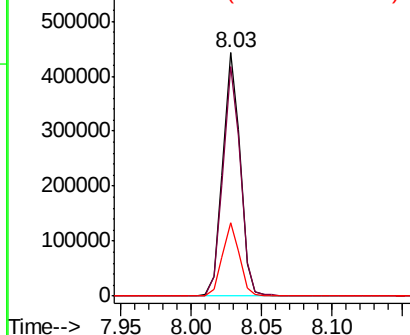


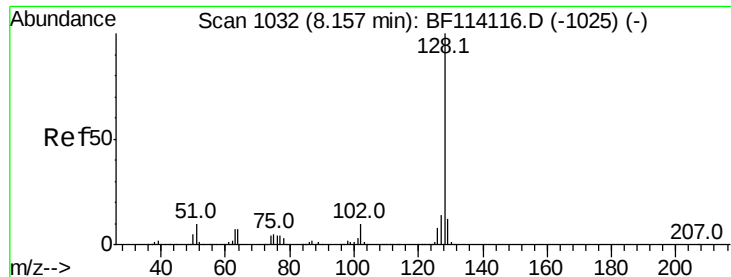
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





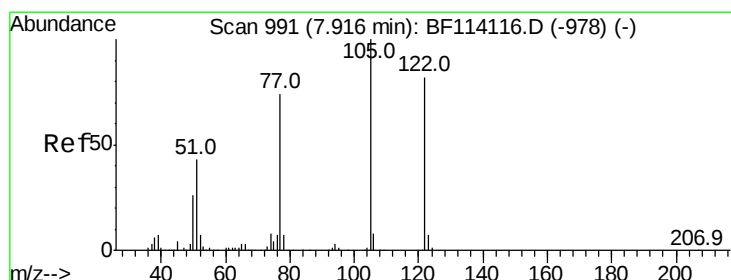
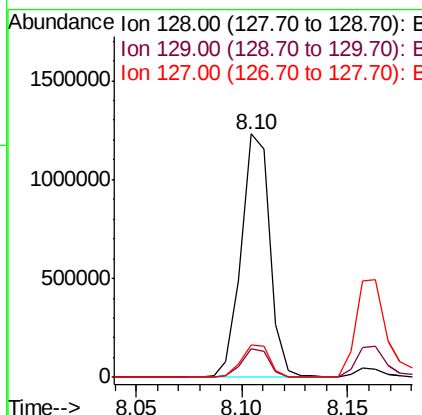
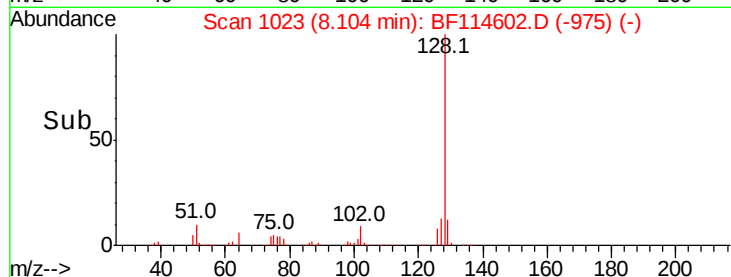
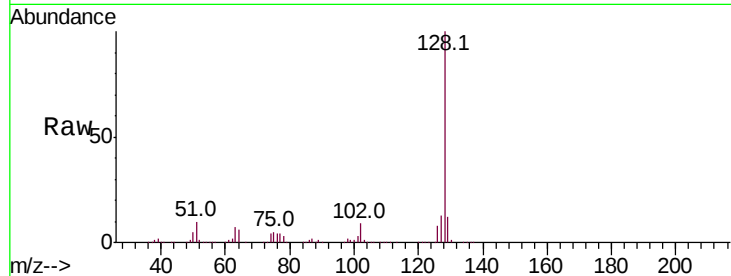
#31
Naphthalene
Concen: 43.300 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.2	11.3	16.9

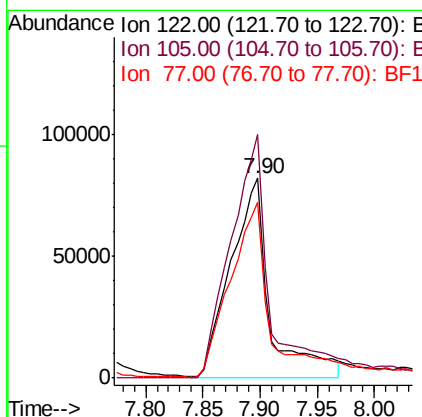
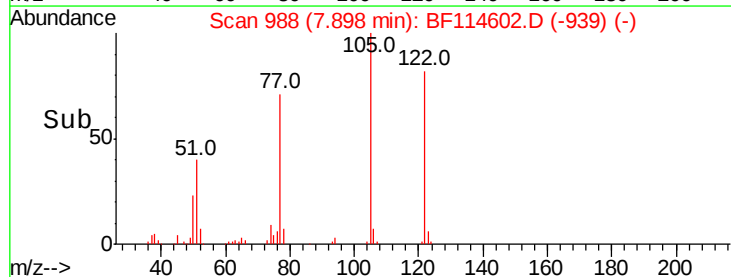
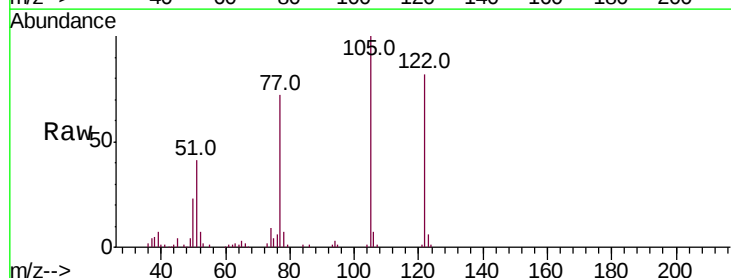
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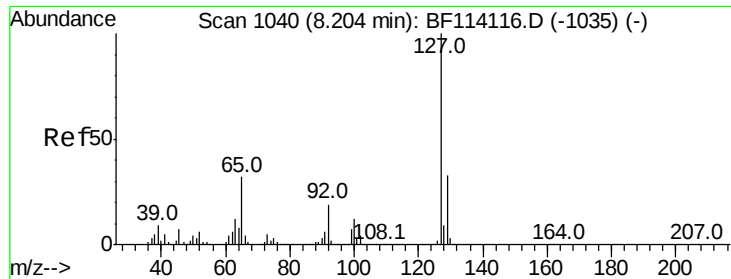
mohammad
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#32
Benzoic acid
Concen: 36.717 ng m
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	99.9	139.9
77	88.1	69.4	109.4





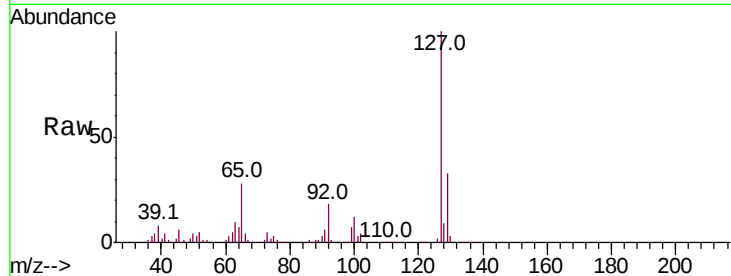
#33
4-Chloroaniline
Concen: 43.254 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

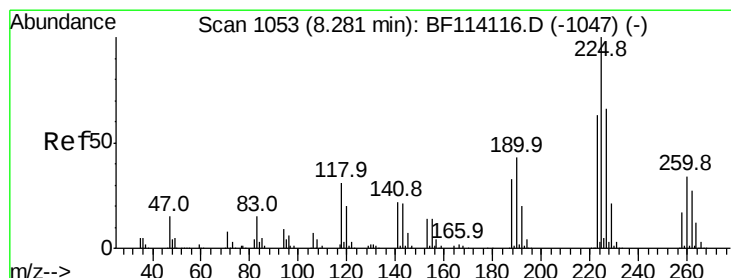
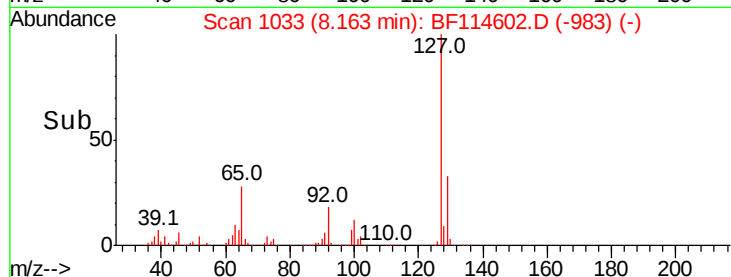
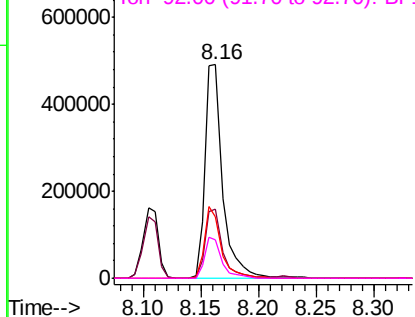
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.7	40.1	
65	28.5	25.4	38.0	
92	18.0	15.4	23.2	

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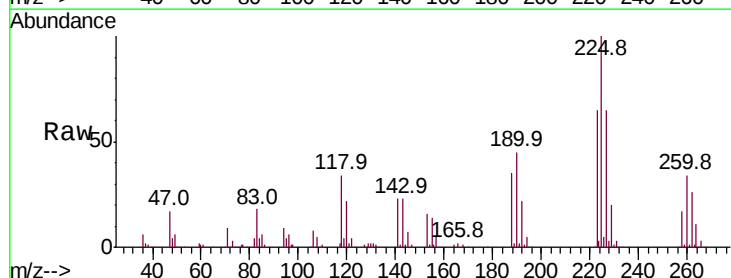


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

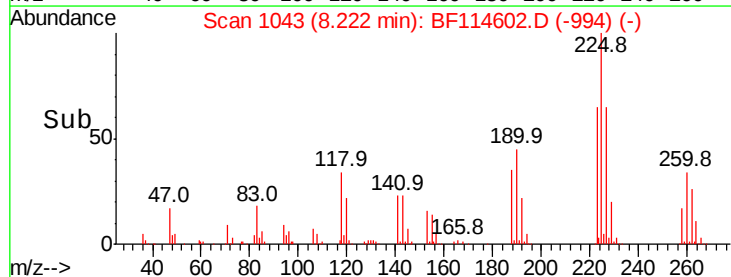
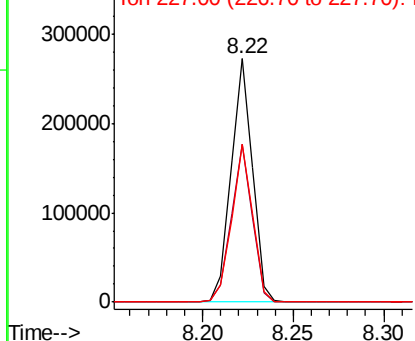


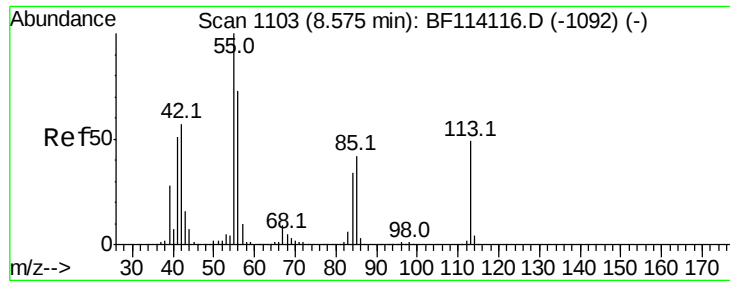
#34
Hexachlorobutadiene
Concen: 43.908 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	50.2	75.2	
227	65.0	52.6	79.0	



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





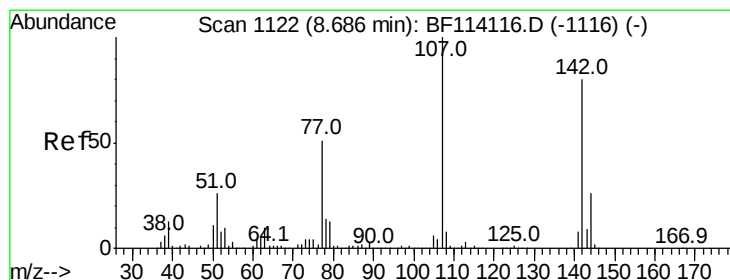
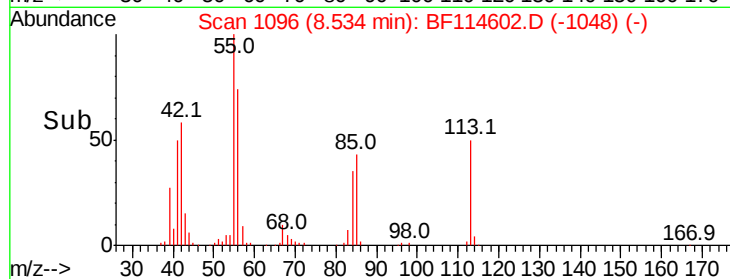
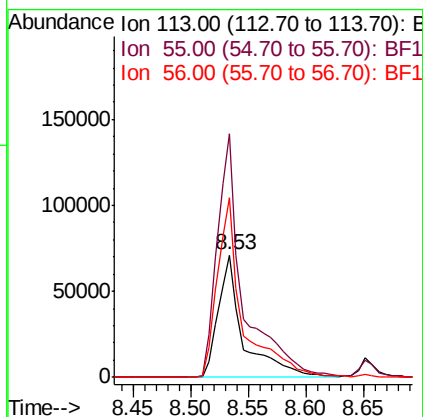
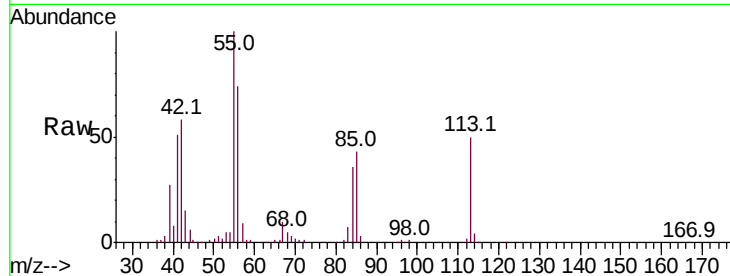
#35
 Caprolactam
 Concen: 42.016 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	199.6	183.5	223.5
56	147.0	128.8	168.8

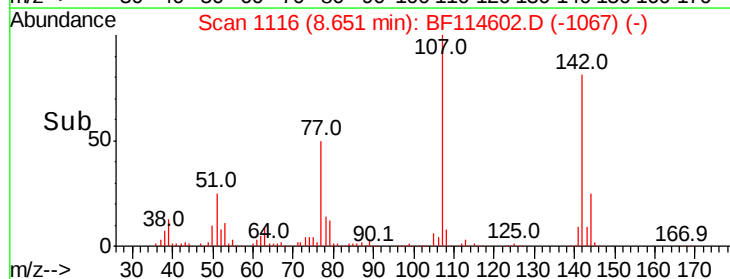
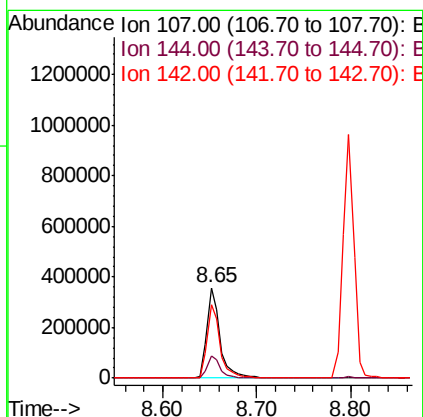
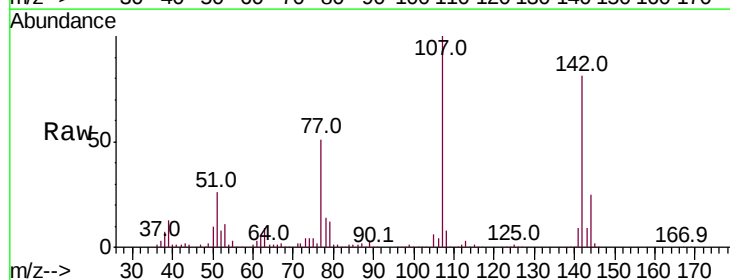
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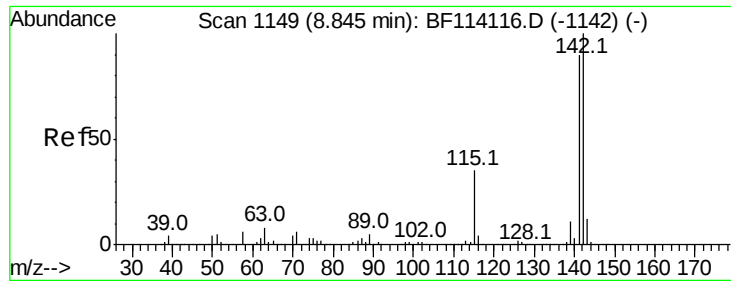
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#36
 4-Chloro-3-methylphenol
 Concen: 44.100 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.4	30.6
142	80.6	64.2	96.4





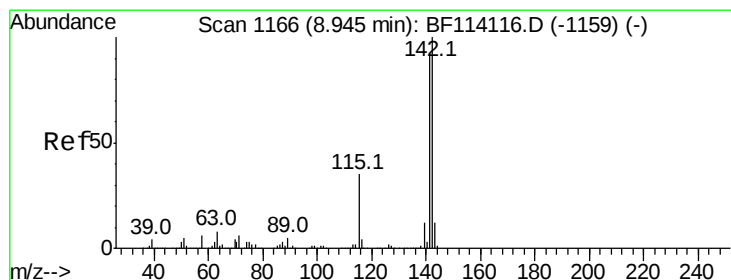
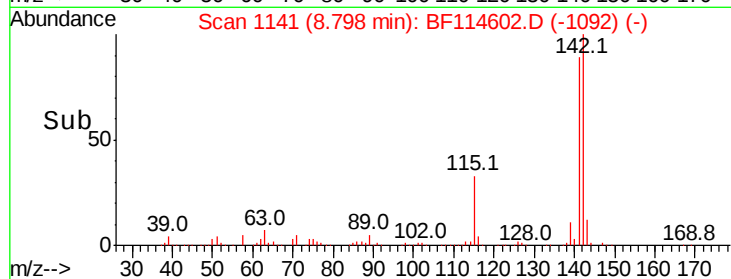
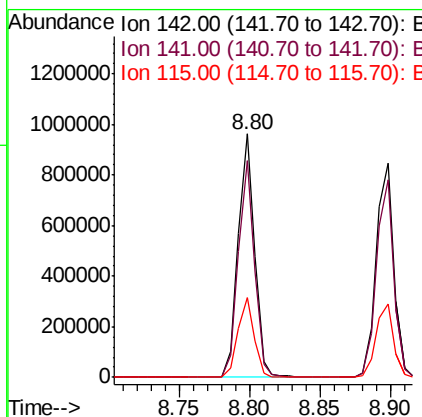
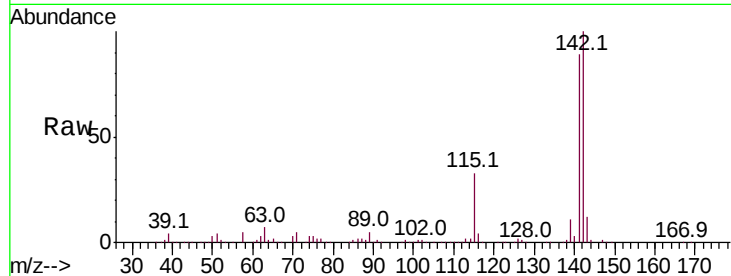
#37
2-Methylnaphthalene
Concen: 45.009 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.1	108.1
115	32.9	28.0	42.0

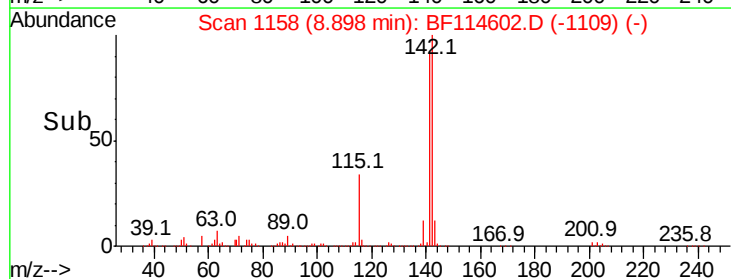
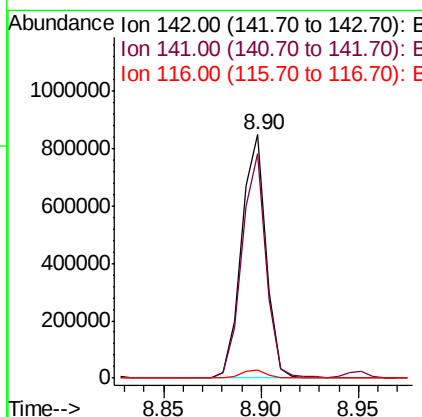
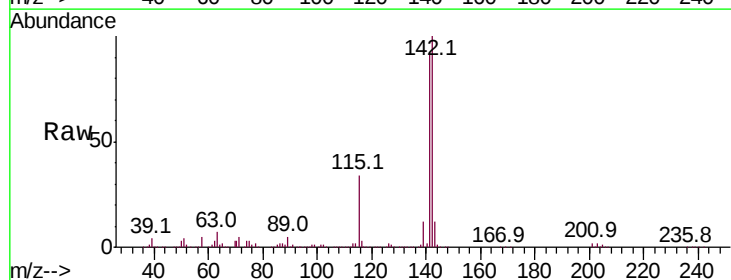
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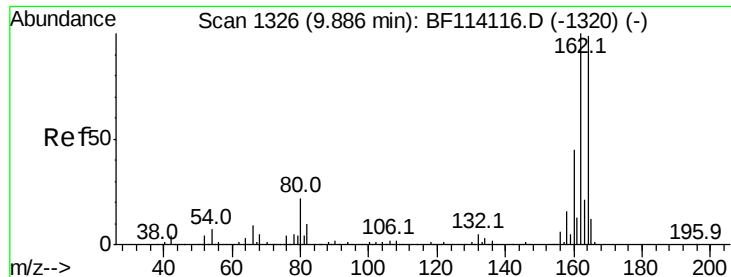
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#38
1-Methylnaphthalene
Concen: 45.194 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.0
116	3.3	3.1	4.7





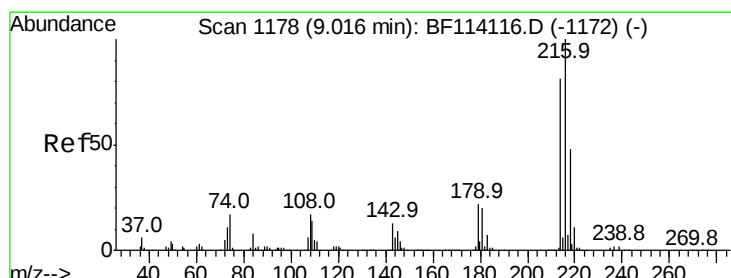
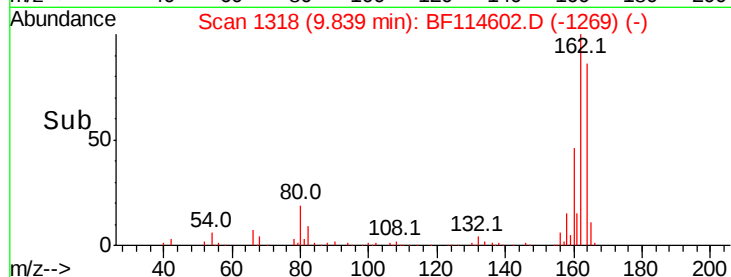
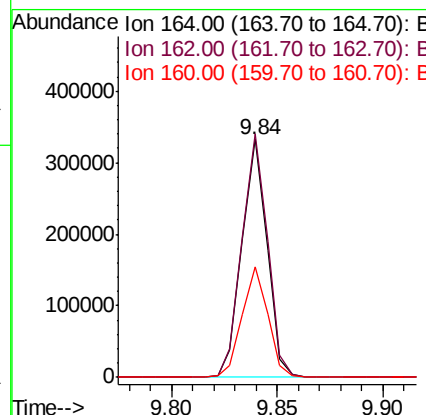
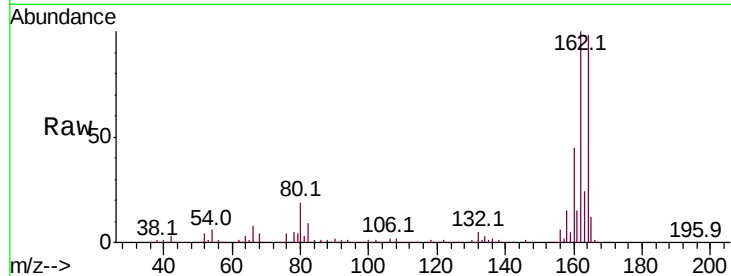
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	80.6	120.8	
160	46.2	36.5	54.7	

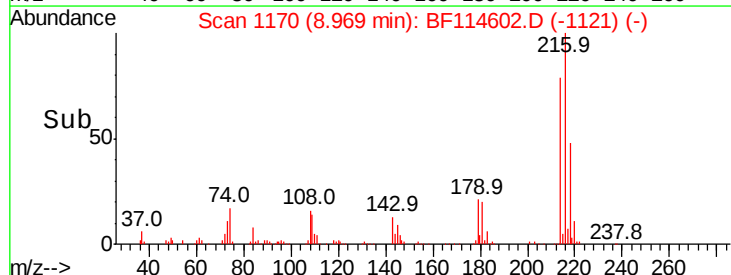
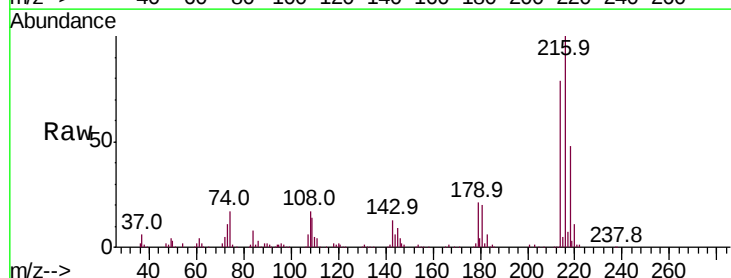
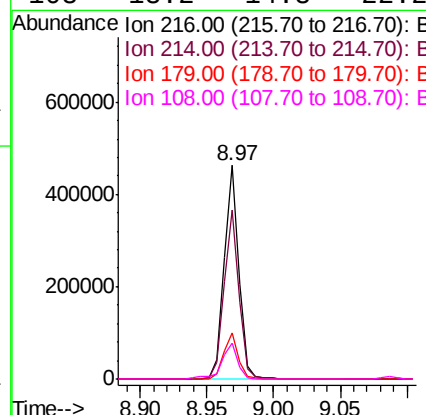
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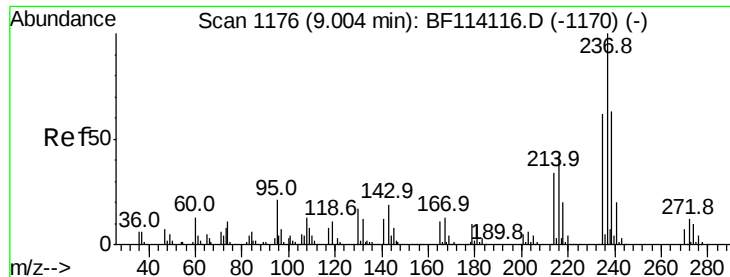
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.412 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.9	95.9	
179	21.1	17.0	25.6	
108	18.2	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 37.673 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

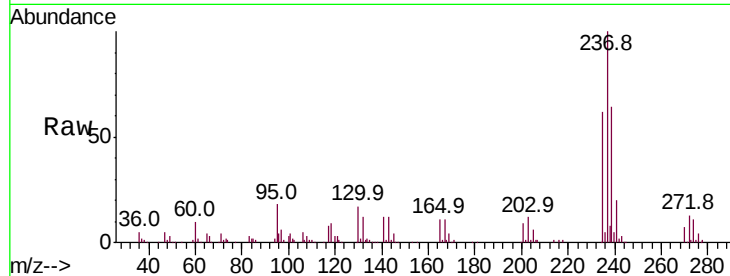
ClientSampleId :

SSTDCCC040

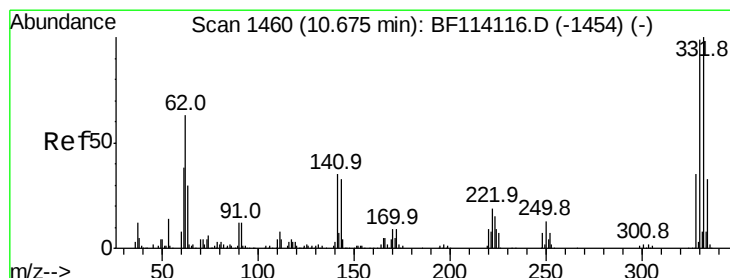
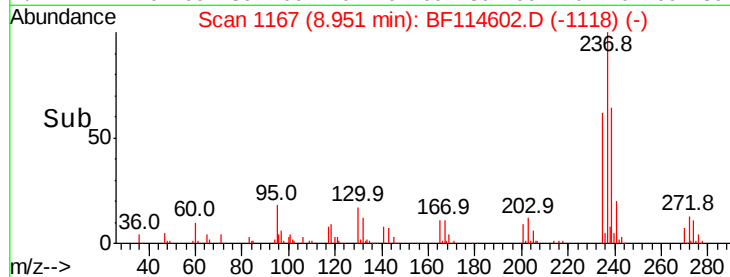
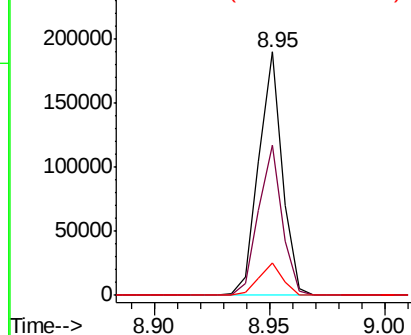
Tot Ion:	237	Resp:	136395
Ion Ratio	Lower	Upper	
237	100		
235	61.6	42.0	82.0
272	13.3	0.0	32.4

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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: 78.883 ng

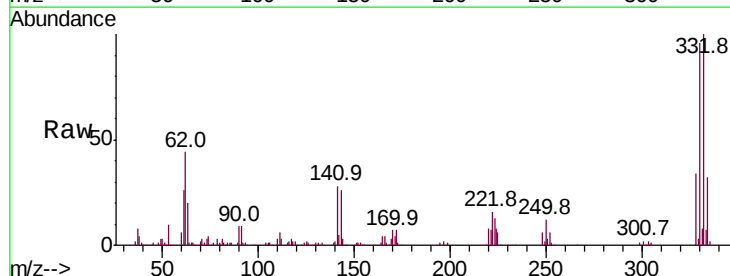
RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

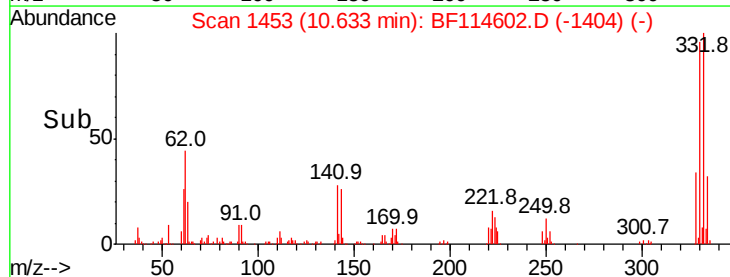
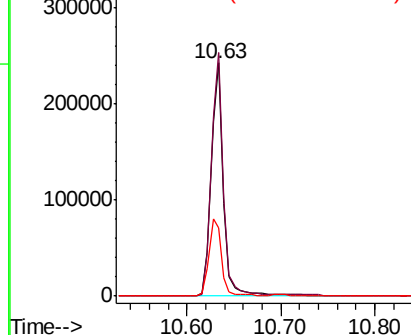
Lab File: BF114602.D

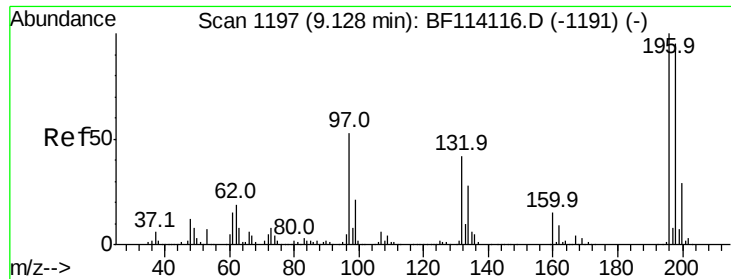
Acq: 25 May 2019 14:34

Tgt Ion:	330	Resp:	223572
Ion Ratio	Lower	Upper	
330	100		
332	101.8	81.4	122.2
141	33.7	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





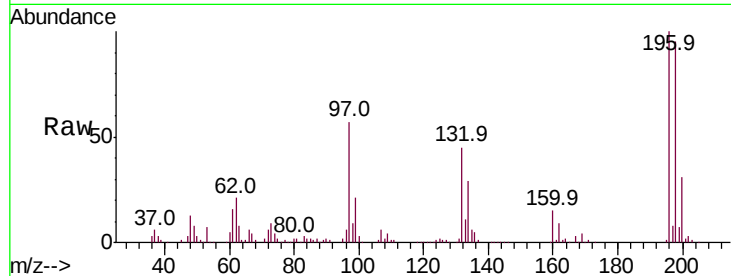
#43
 2,4,6-Trichlorophenol
 Concen: 39.512 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

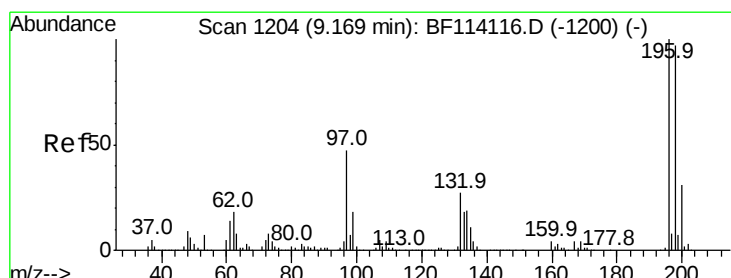
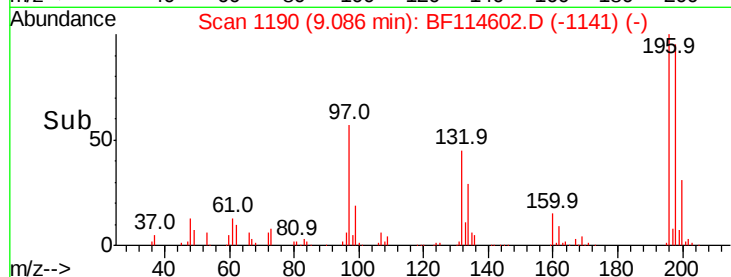
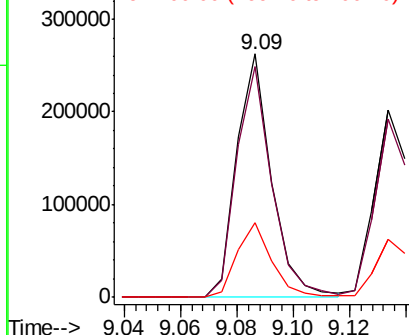
Tot Ion	Ratio	Resp	Lower	Upper
196	100	225696		
198	94.7	75.9	113.9	
200	30.6	23.5	35.3	

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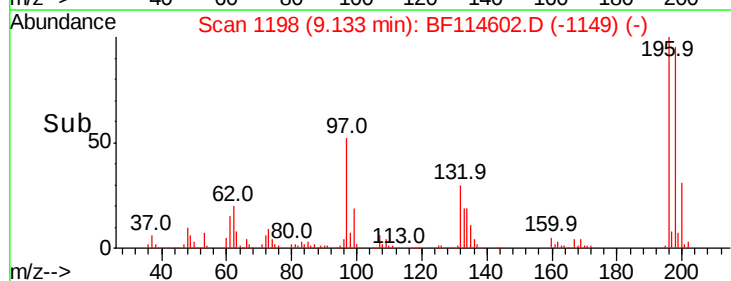
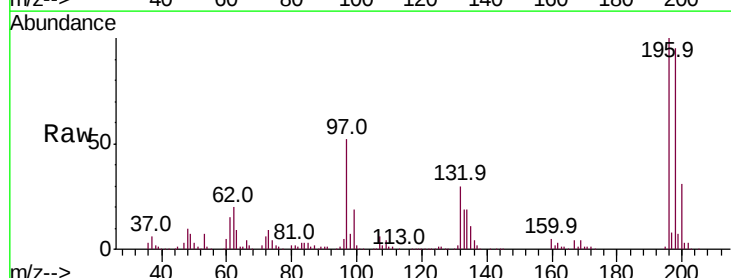
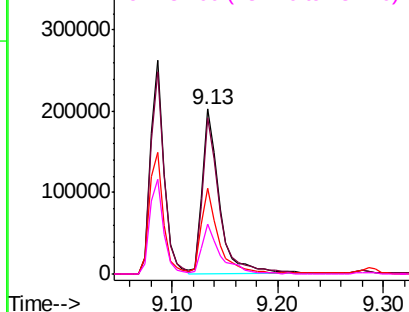
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

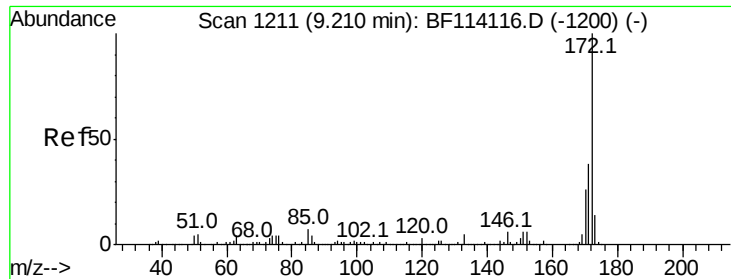


#44
 2,4,5-Trichlorophenol
 Concen: 38.817 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227386		
198	95.1	77.7	116.5	
97	52.2	38.2	57.2	
132	30.4	21.4	32.2	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





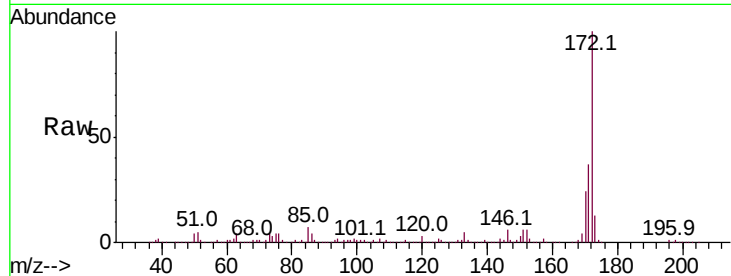
#45
2-Fluorobiphenyl
Concen: 85.458 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

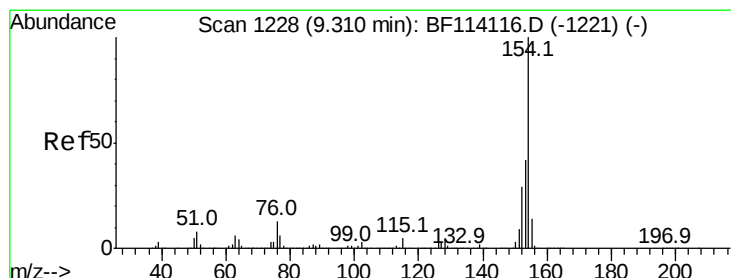
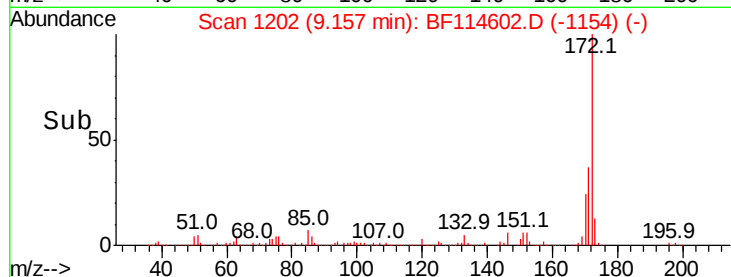
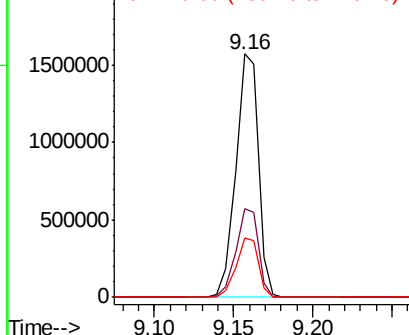
Tot Ion:172 Resp: 1548783
Ion Ratio Lower Upper
172 100
171 36.7 30.7 46.1
170 24.1 20.5 30.7

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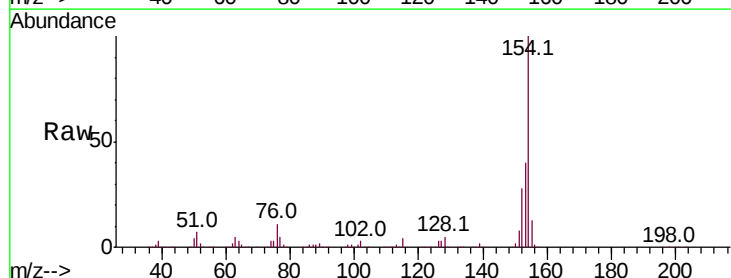


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

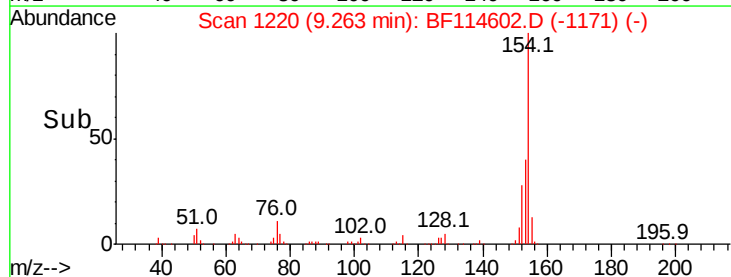
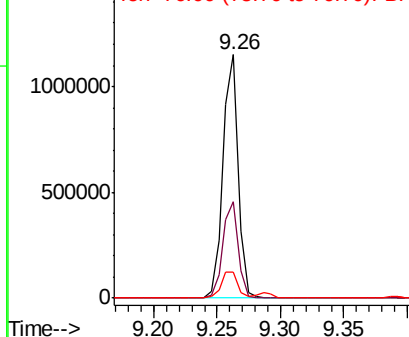


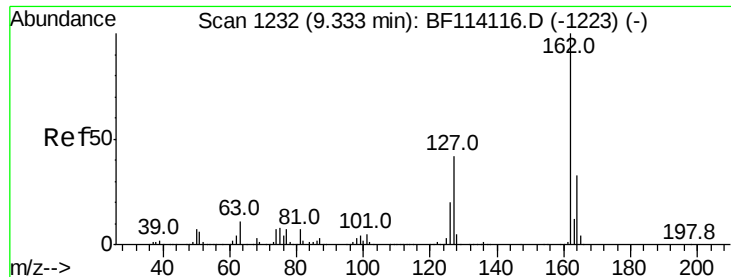
#46
1,1'-Biphenyl
Concen: 43.629 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:154 Resp: 966253
Ion Ratio Lower Upper
154 100
153 39.8 21.9 61.9
76 10.8 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 42.888 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

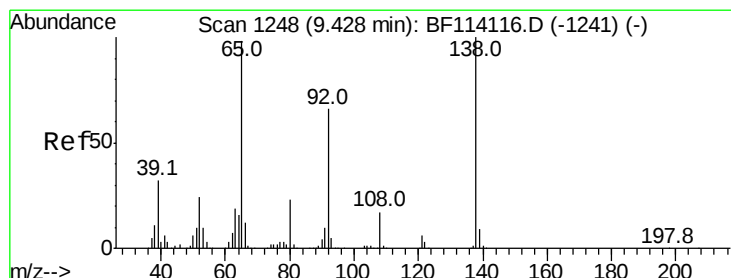
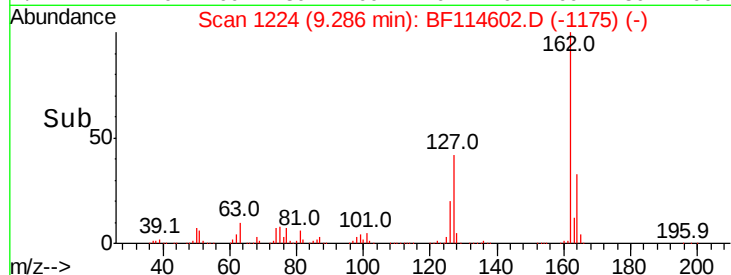
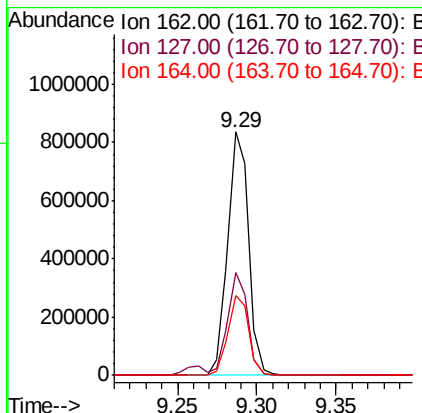
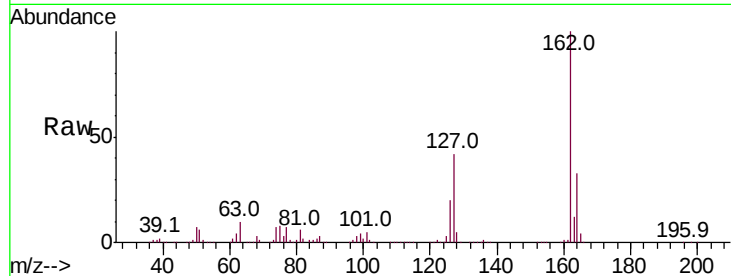
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	764426		
127	42.2		34.0	51.0
164	32.8		26.7	40.1

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#48

2-Nitroaniline

Concen: 40.678 ng

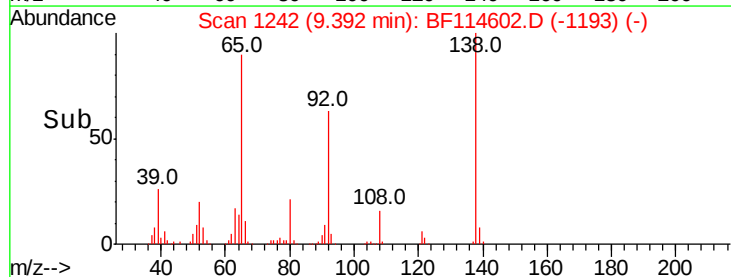
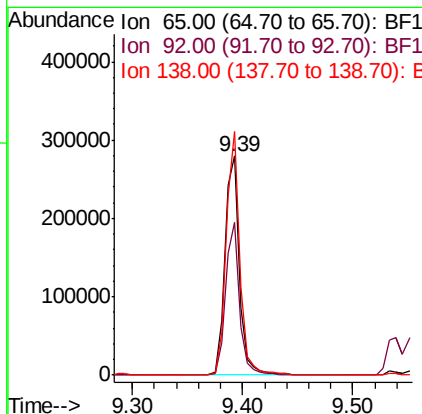
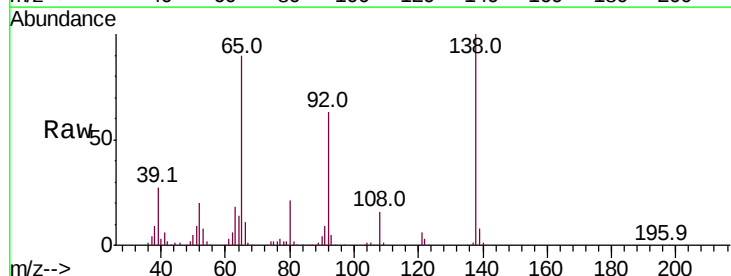
RT: 9.39 min Scan# 1242

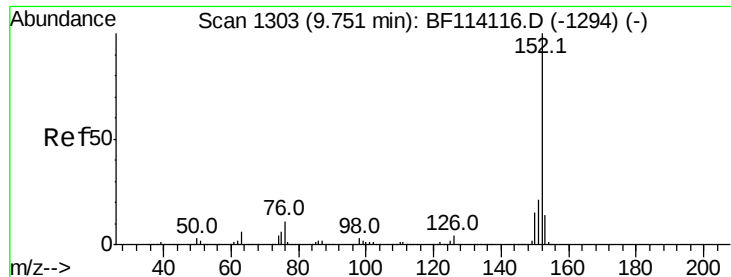
Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	257137		
92	69.5		53.9	80.9
138	111.1		81.4	122.0





#49

Acenaphthylene

Concen: 42.398 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1149367

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

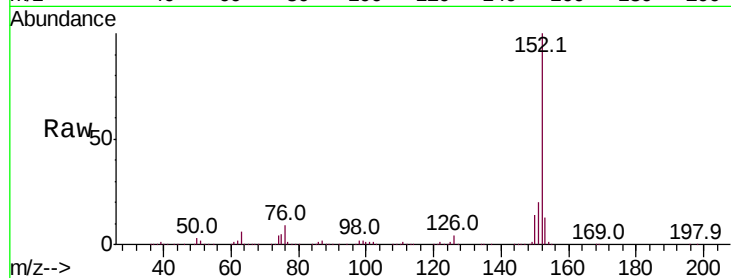
153 13.1 11.4 17.2

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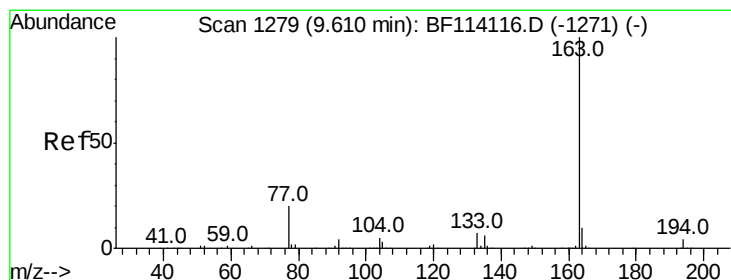
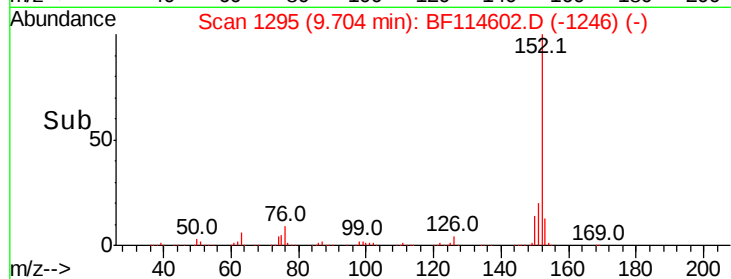
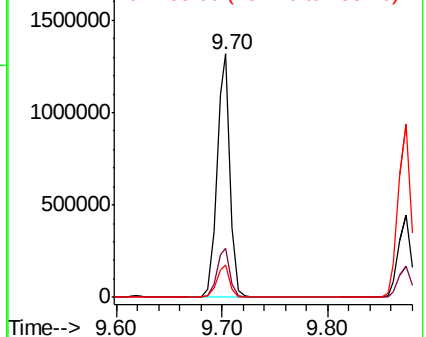
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.172 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

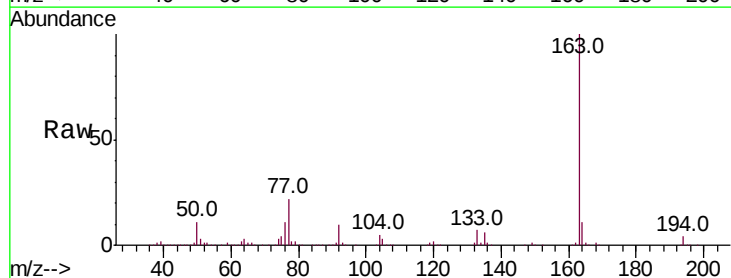
Tgt Ion:163 Resp: 868839

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

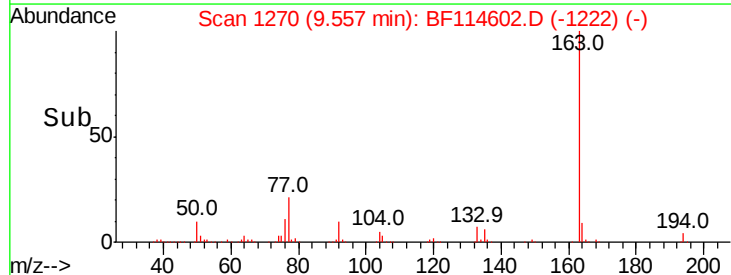
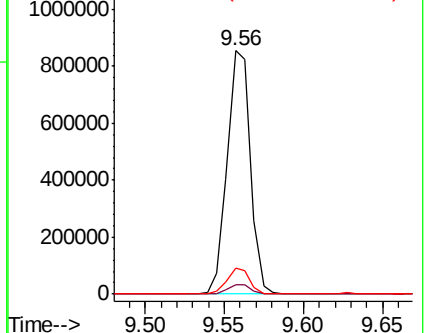
164 10.5 8.2 12.2

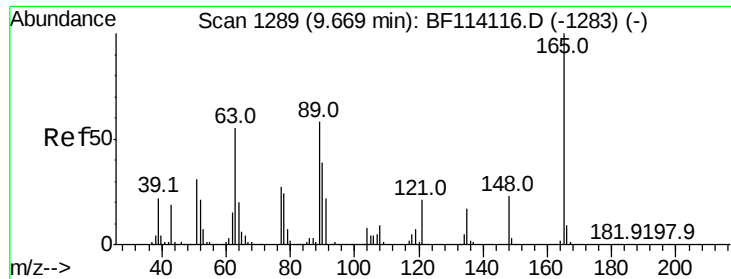


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.927 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 187149

Ion Ratio Lower Upper

165 100

63 68.2 50.2 75.4

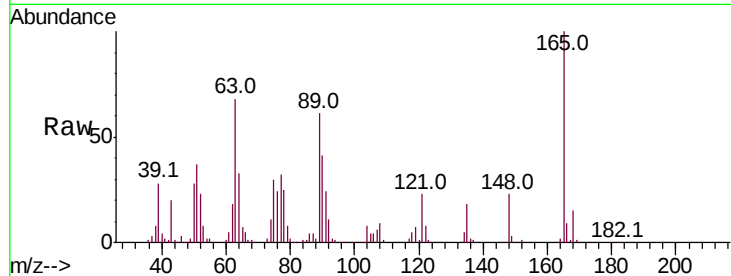
89 60.9 46.6 69.8

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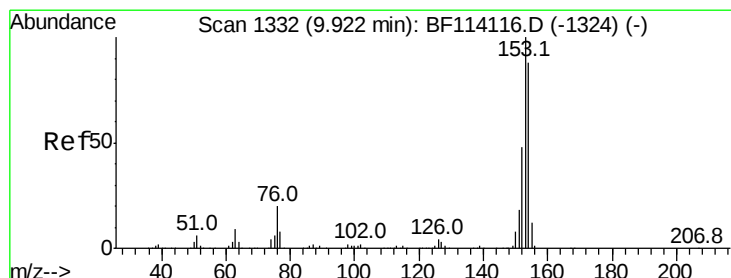
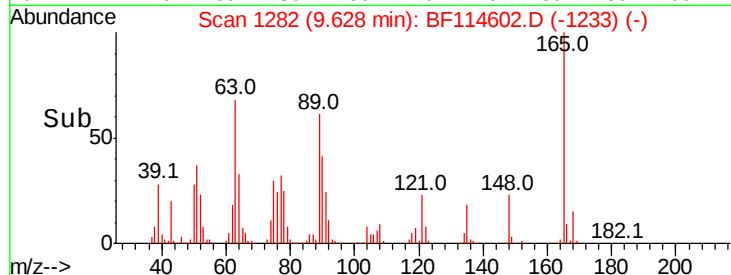
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.63

Time-->



#52

Acenaphthene

Concen: 41.490 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

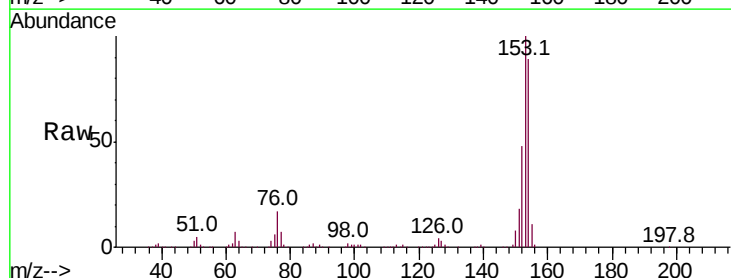
Tgt Ion:154 Resp: 690193

Ion Ratio Lower Upper

154 100

153 111.8 90.5 135.7

152 53.6 43.4 65.2



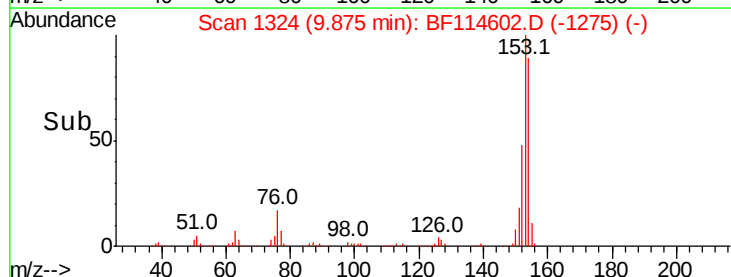
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

9.87

Time-->





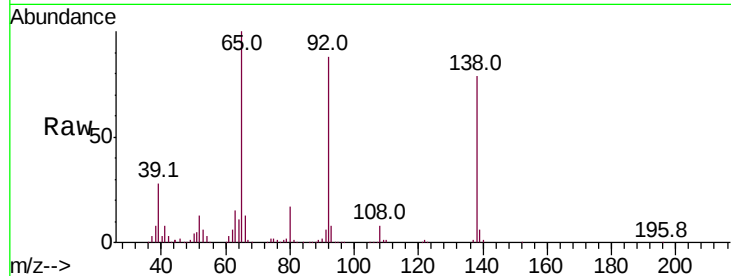
#53
3-Nitroaniline
Concen: 41.747 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	111.2	91.2	136.8

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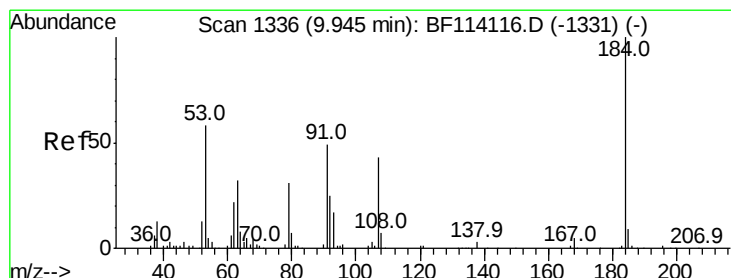
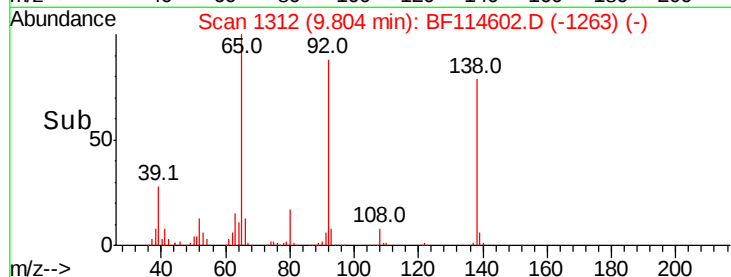
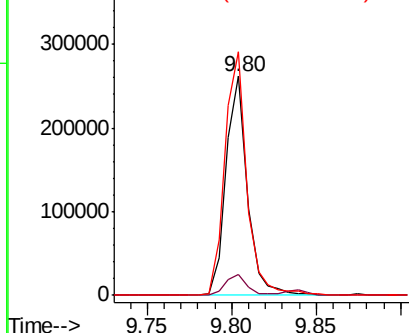


Abundance

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: 40.443 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

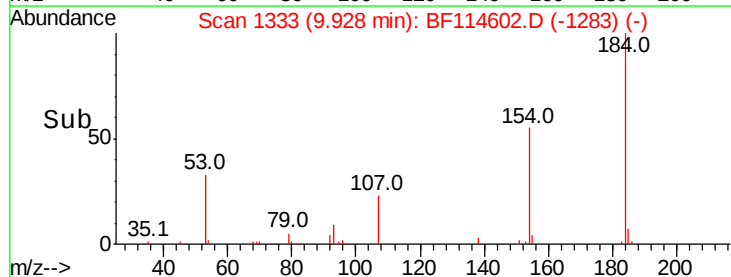
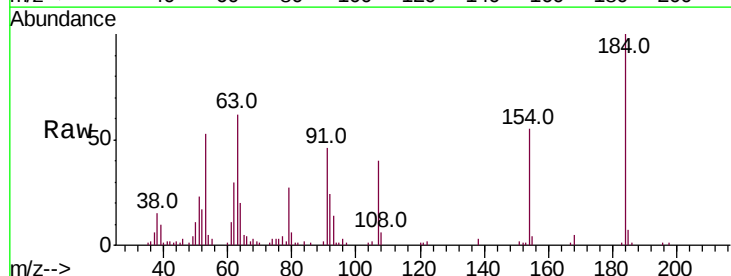
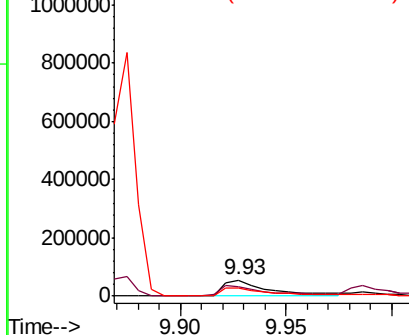
Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	55.6	83.4
154	54.9	46.0	69.0

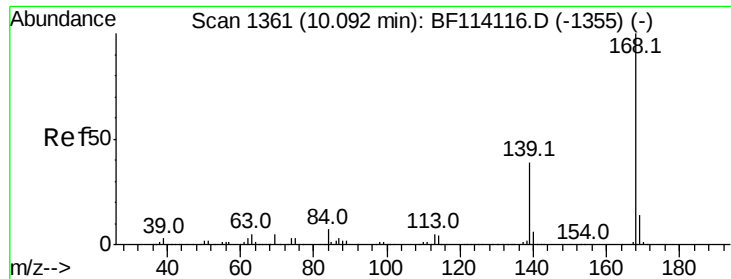
Abundance

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





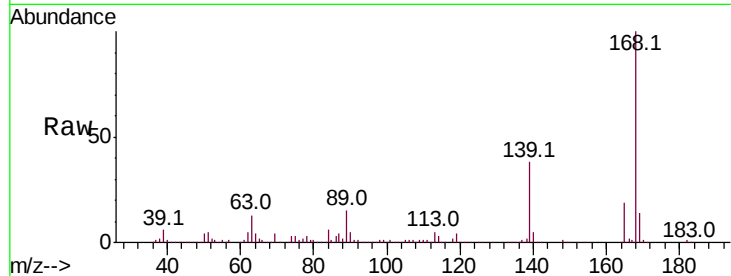
#55
Dibenzofuran
Concen: 40.400 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

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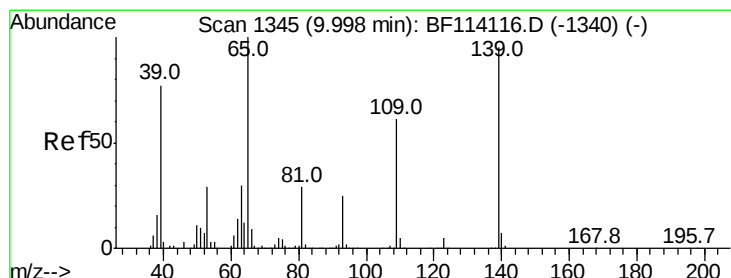
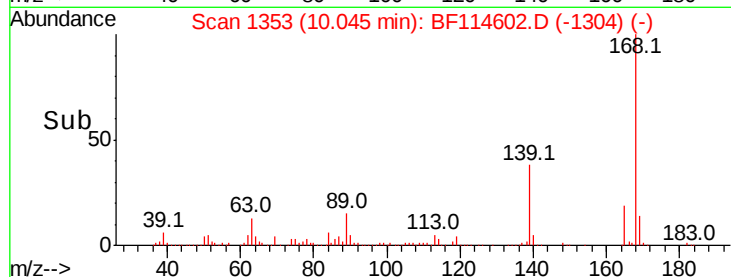
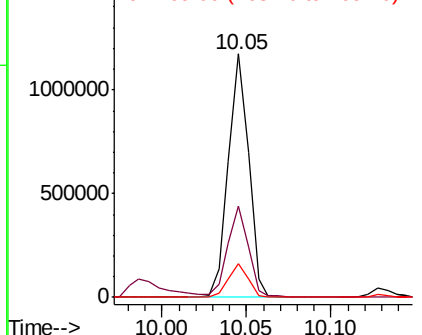


Abundance

Ion 168.00 (167.70 to 168.70): E

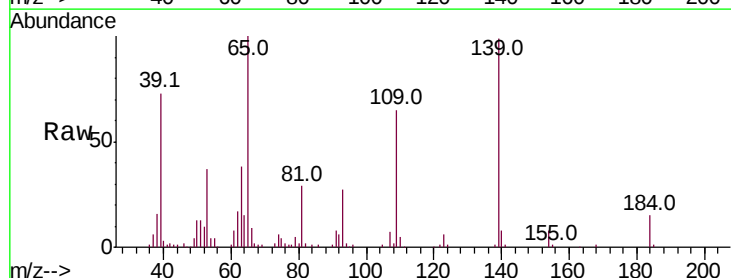
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 32.692 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.8	43.9	83.9	
65	101.2	85.7	125.7	

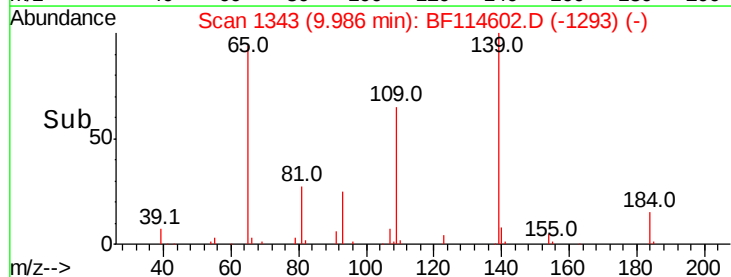
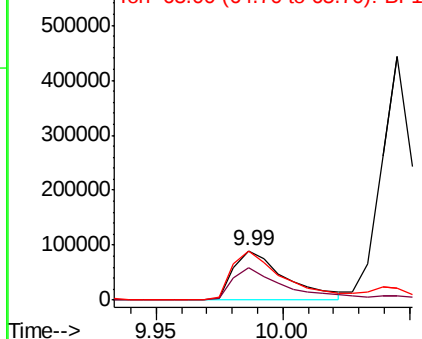


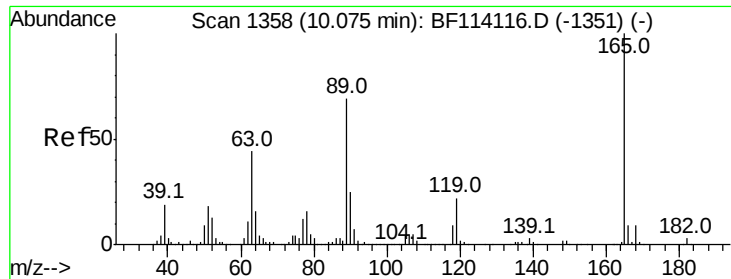
Abundance

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





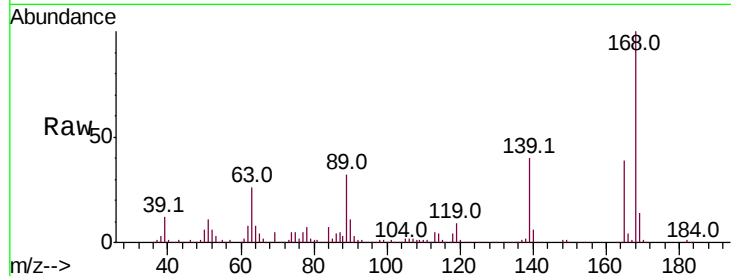
#57
2,4-Dinitrotoluene
Concen: 37.888 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

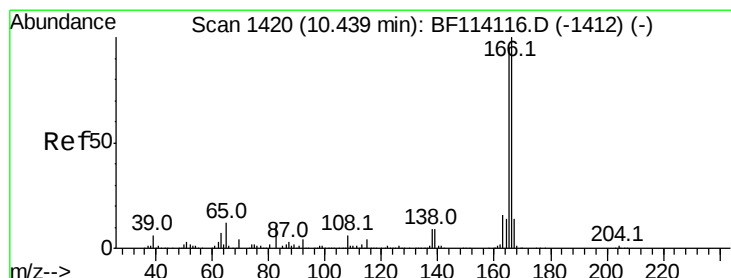
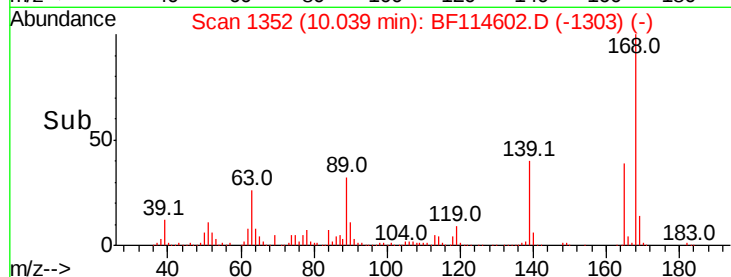
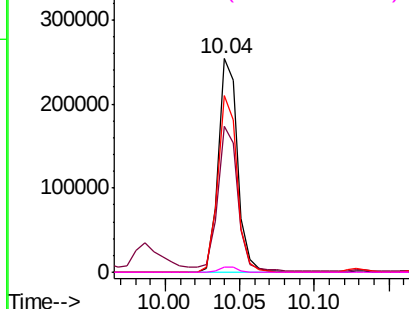
Tot Ion:	165	Resp:	229544
Ion Ratio	Lower	Upper	
165	100		
63	68.1	35.5	53.3#
89	82.4	55.2	82.8
182	2.5	2.2	3.2

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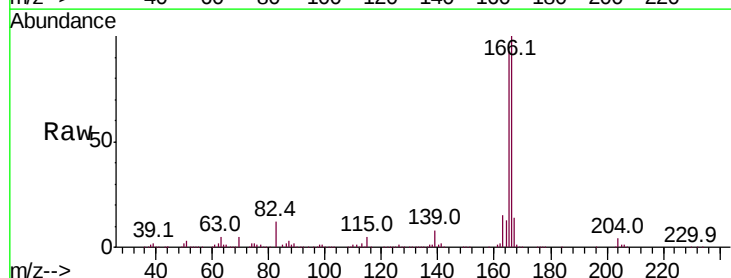


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

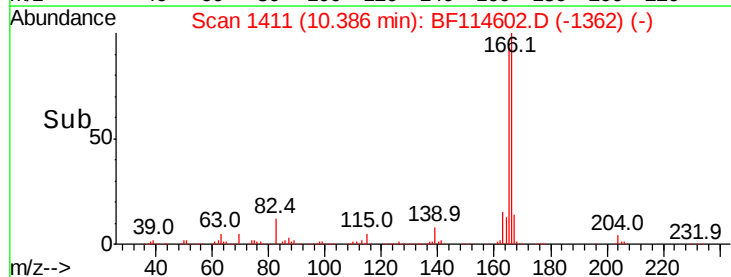
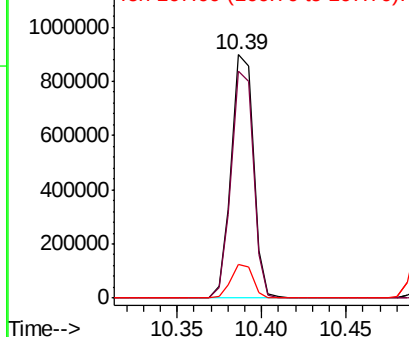


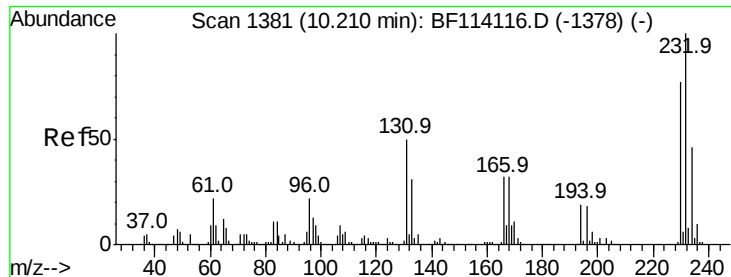
#58
Fluorene
Concen: 43.591 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:	166	Resp:	821327
Ion Ratio	Lower	Upper	
166	100		
165	93.4	76.1	114.1
167	13.7	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





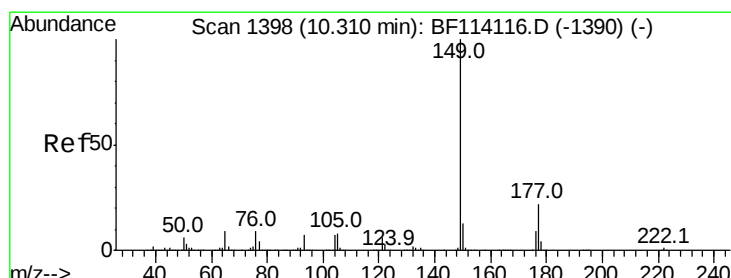
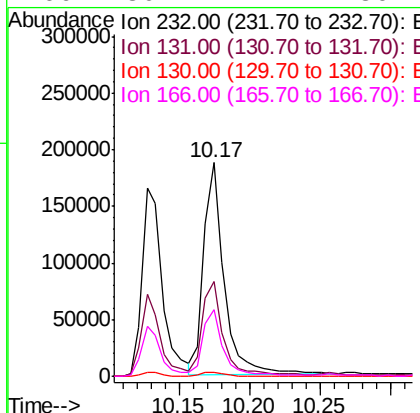
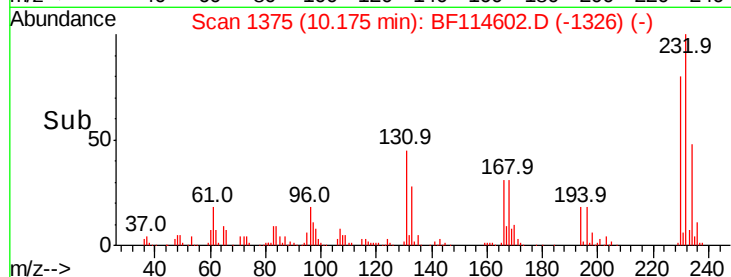
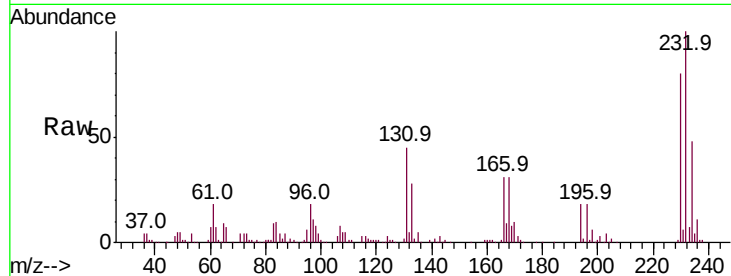
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.553 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	189813		
131	46.5	35.6	53.4	
130	2.1	1.6	2.4	
166	30.1	24.1	36.1	

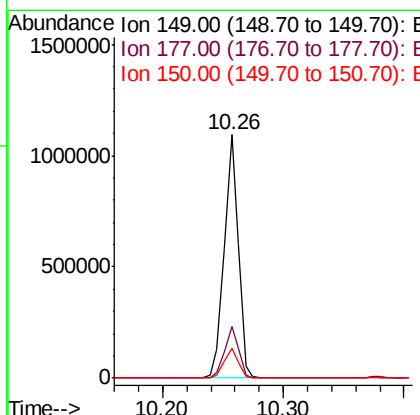
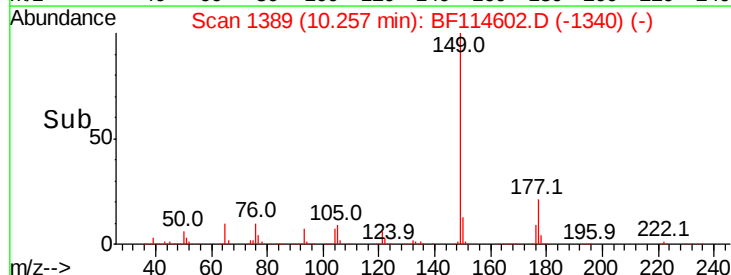
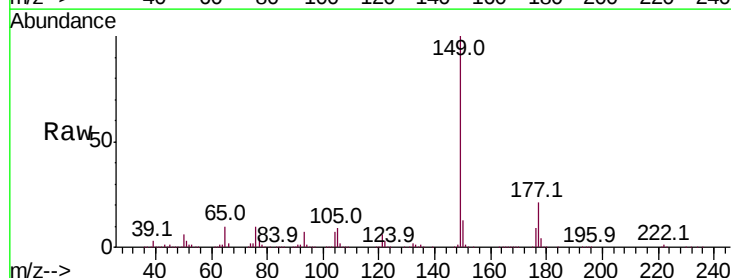
Manual Integrations
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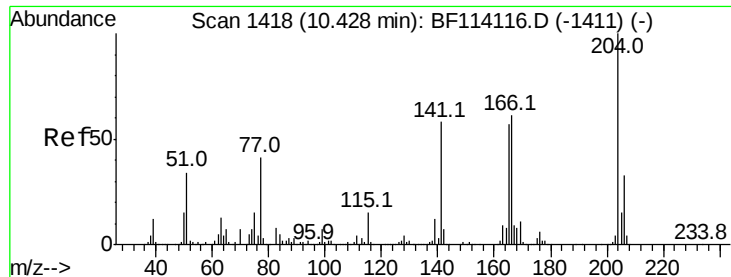
mohammad
 5/27/2019 3:49:39 AM



#60
 Diethylphthalate
 Concen: 42.960 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878446		
177	21.1	17.8	26.6	
150	12.5	10.2	15.2	





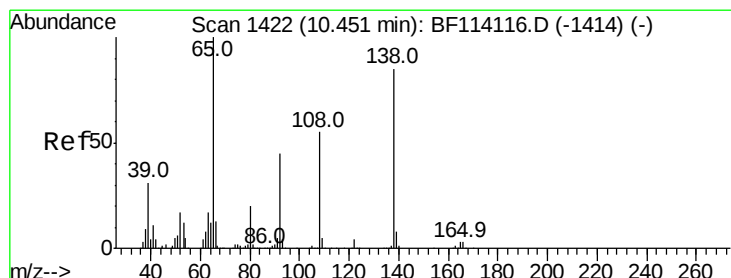
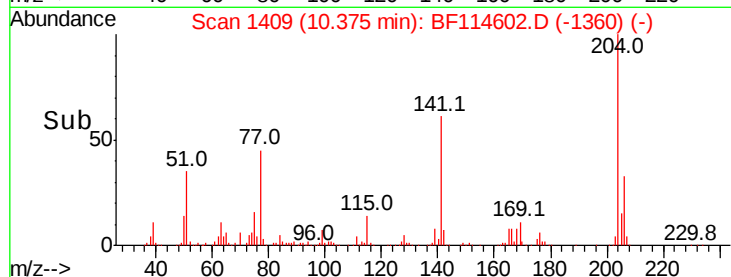
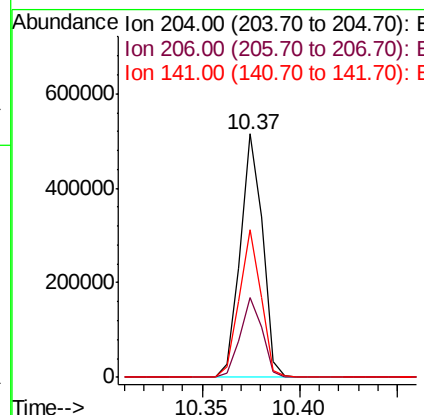
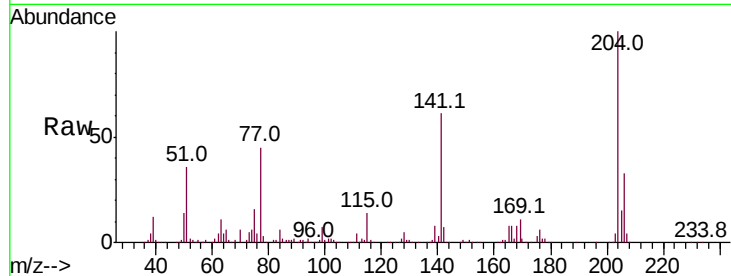
#61
4-Chlorophenyl-phenylether
Concen: 44.027 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	60.6	46.4	69.6

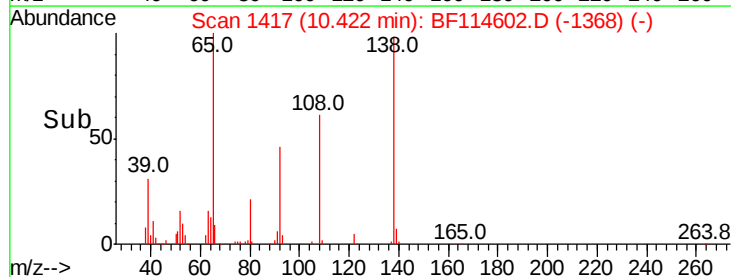
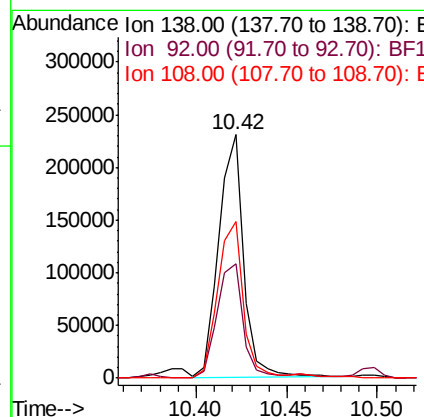
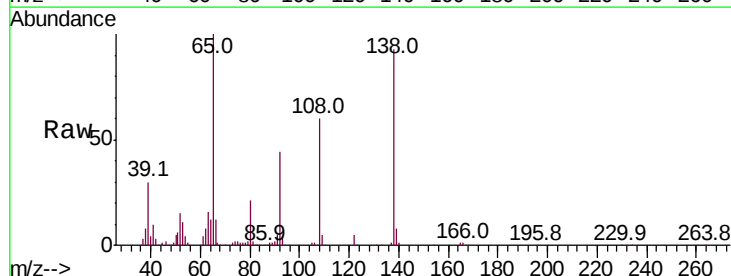
Manual Integrations
APPROVED

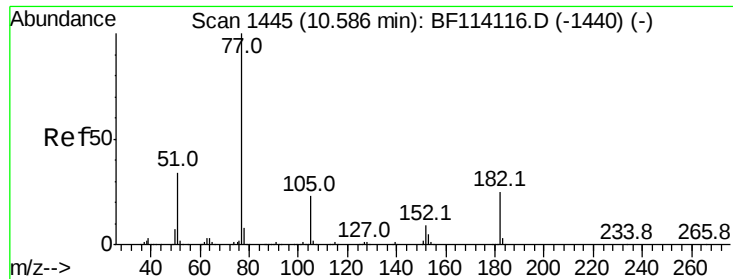
mohammad
5/27/2019 3:49:39 AM



#62
4-Nitroaniline
Concen: 37.629 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	33.0	73.0
108	64.4	44.9	84.9





#63

Azobenzene

Concen: 41.262 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

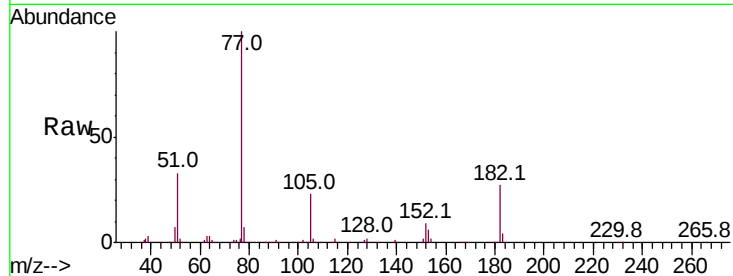
ClientSampleId :

SSTDCCC040

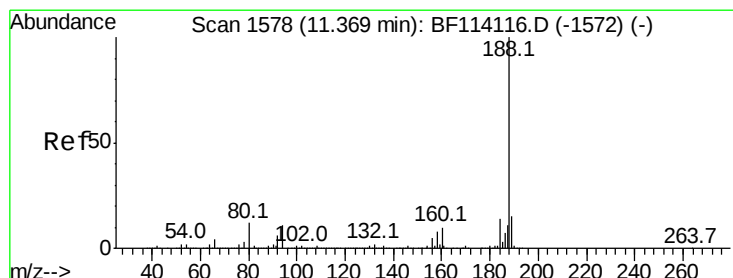
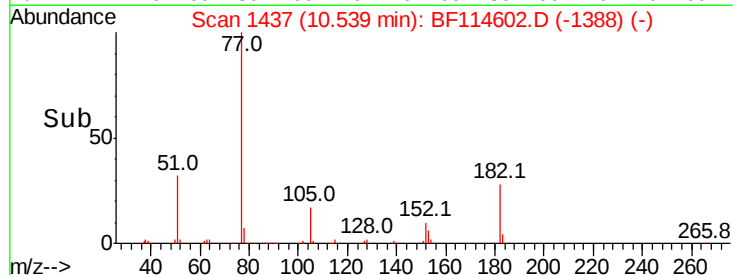
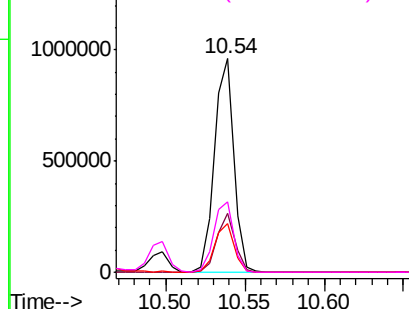
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.7	44.7
105	22.9	2.9	42.9
51	33.2	14.6	54.6

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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

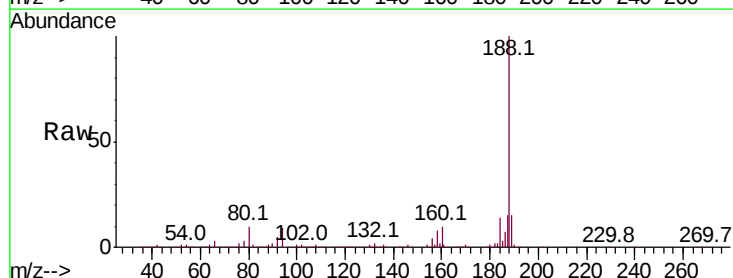
RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

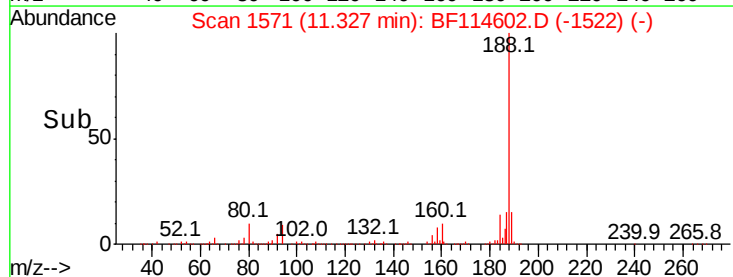
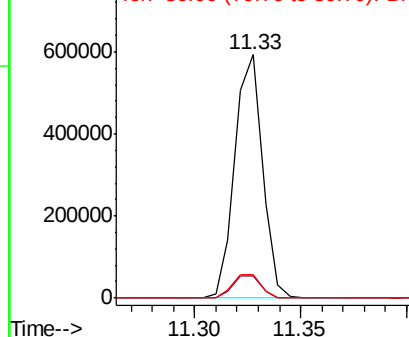
Lab File: BF114602.D

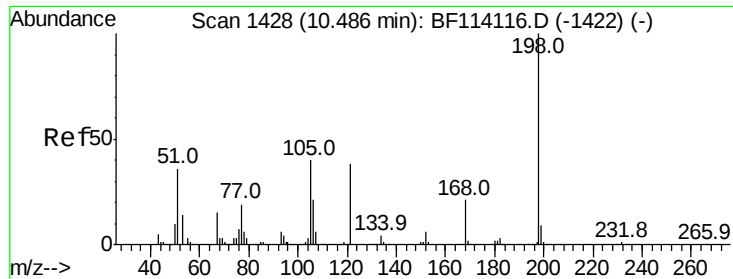
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.4	12.6
80	9.5	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: 43.122 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

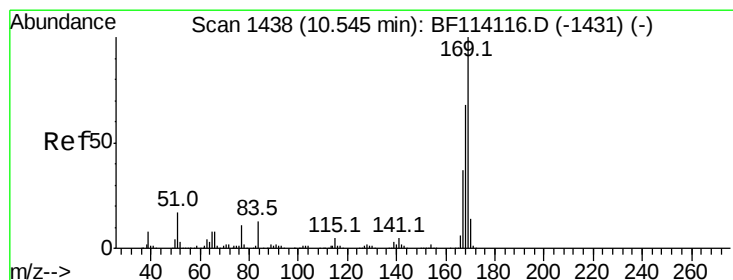
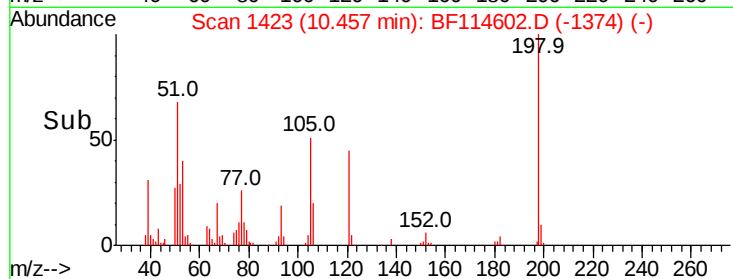
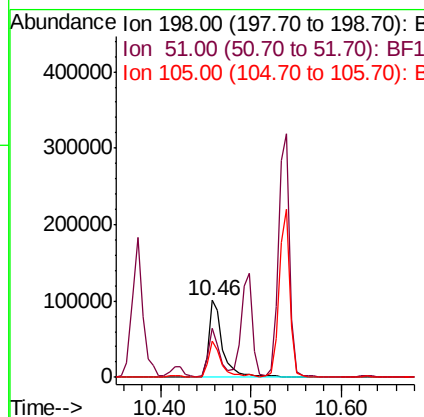
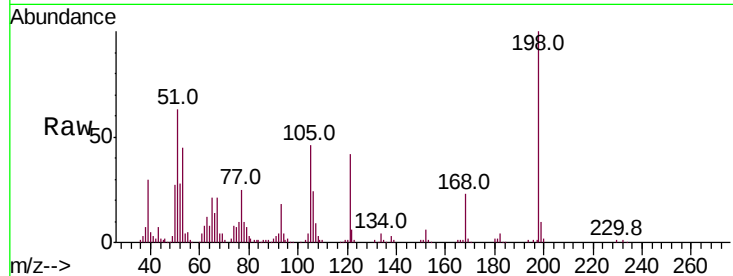
ClientSampled :

SSTDCCC040

Tot Ion:	198	Resp:	111053
Ion Ratio	Lower	Upper	
198	100		
51	63.1	28.0	68.0
105	46.5	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 43.826 ng

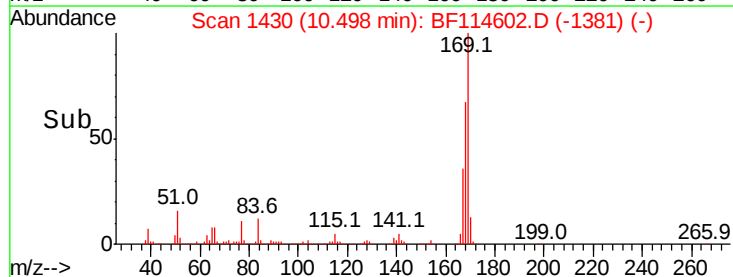
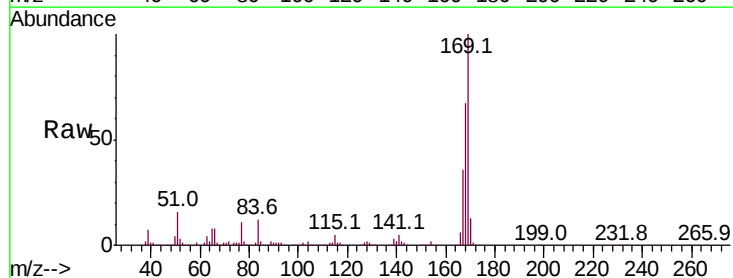
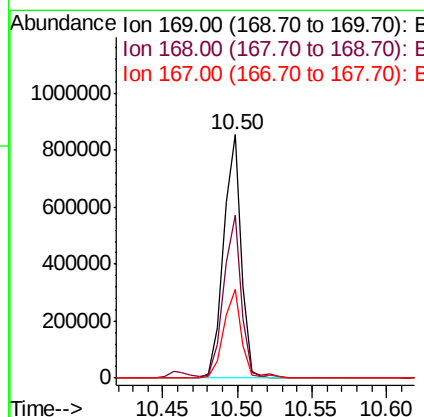
RT: 10.50 min Scan# 1430

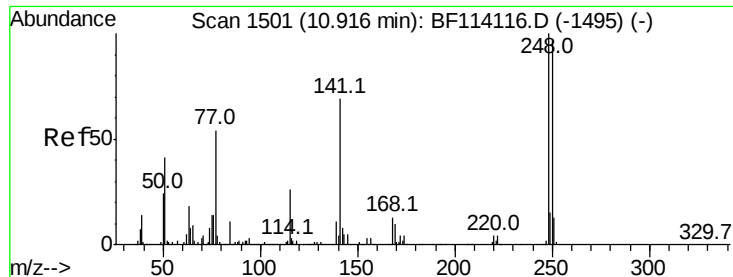
Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion:	169	Resp:	712889
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.2
167	36.4	29.8	44.8





#67

4-Bromophenyl-phenylether

Concen: 43.478 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

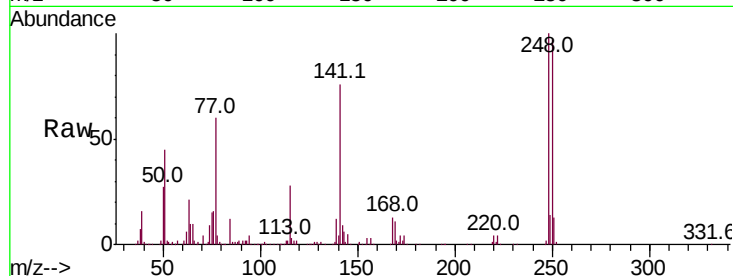
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	256566
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.4	116.2
141	75.7	55.6	83.4

Manual Integrations
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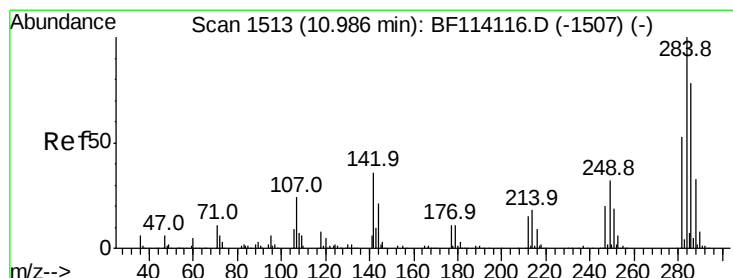
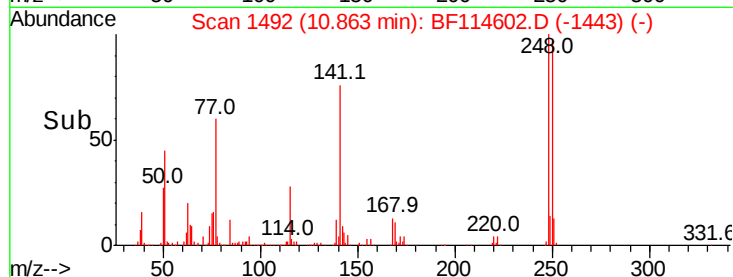
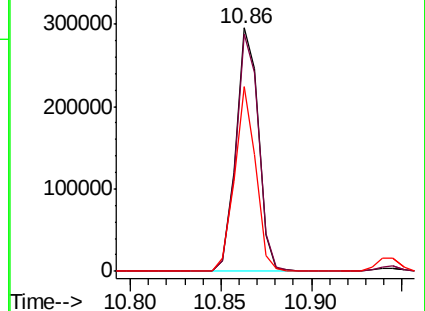
mohammad
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.357 ng

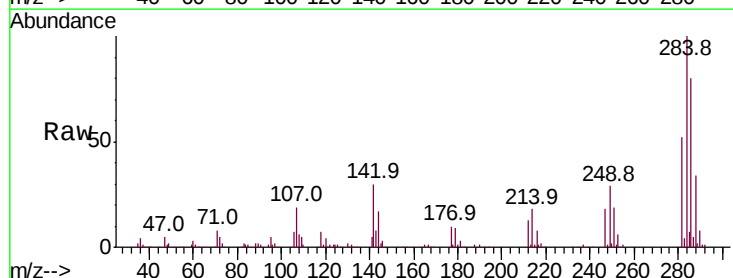
RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

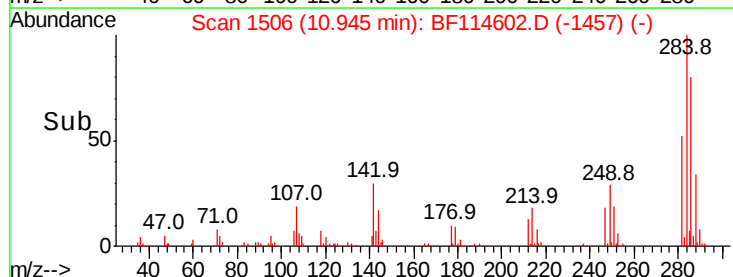
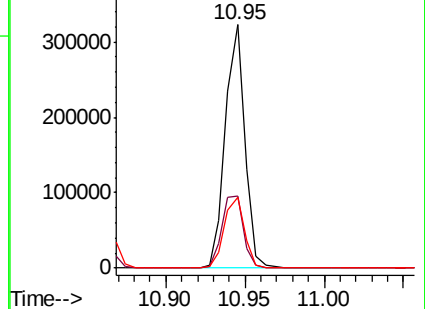
Tgt Ion:	284	Resp:	276513
Ion Ratio	Lower	Upper	
284	100		
142	29.9	28.4	42.6
249	28.9	25.2	37.8

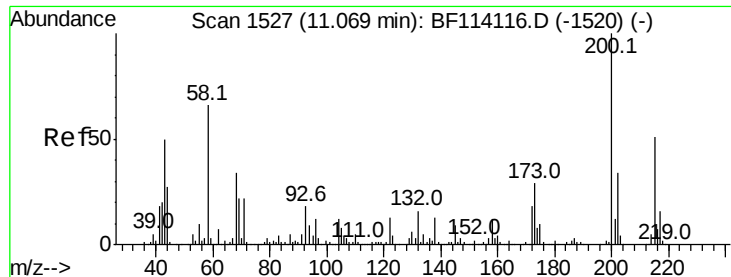


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





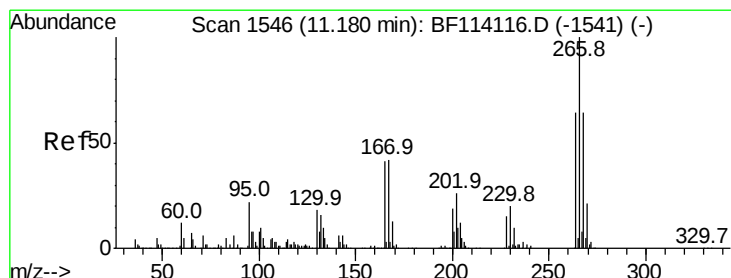
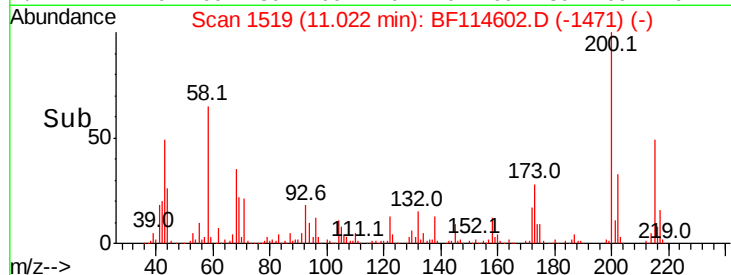
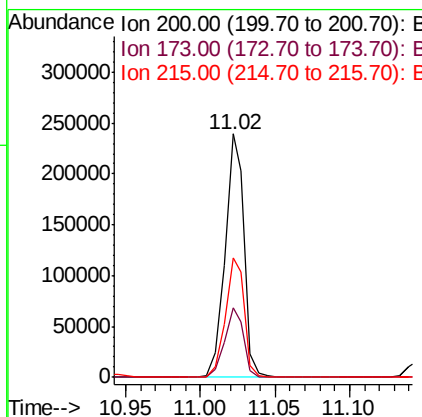
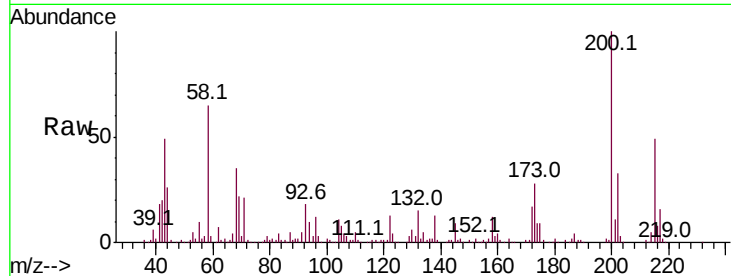
#69
Atrazine
Concen: 42.492 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	215095		
173	28.4	8.9	48.9	
215	49.0	30.7	70.7	

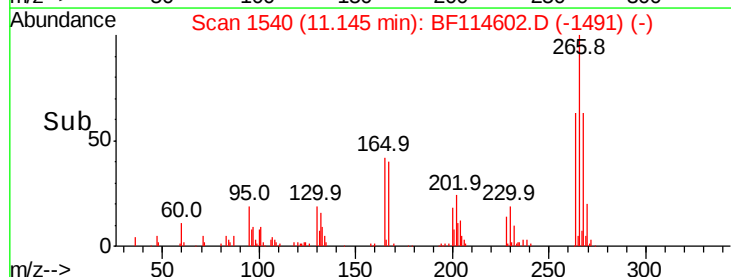
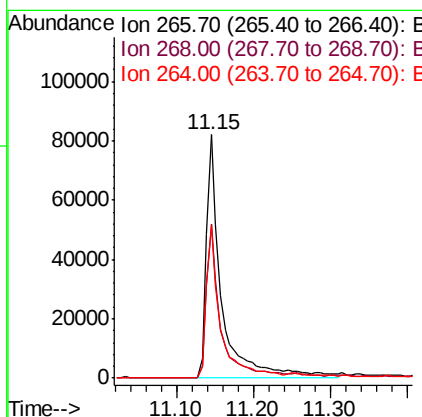
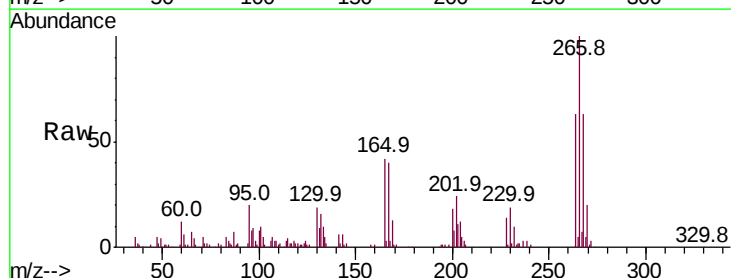
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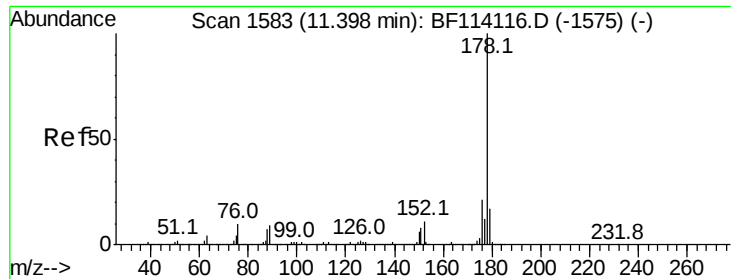
mohammad
5/27/2019 3:49:39 AM



#70
Pentachlorophenol
Concen: 36.817 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	113935		
268	63.1	51.1	76.7	
264	62.7	51.1	76.7	





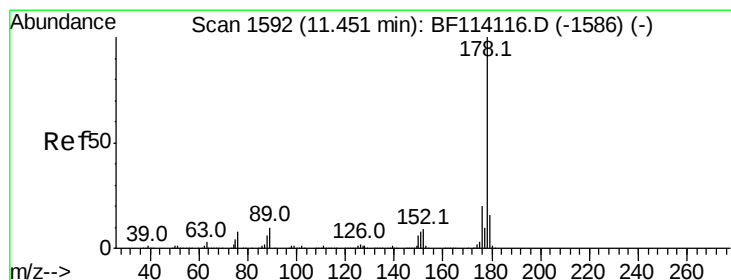
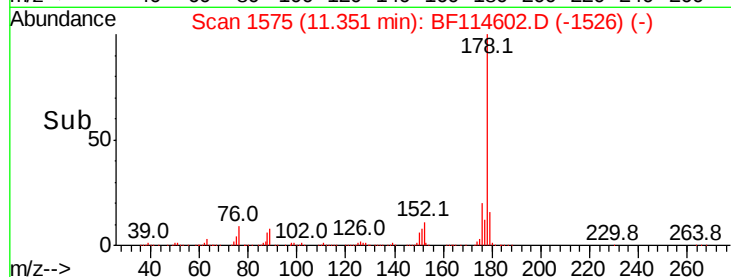
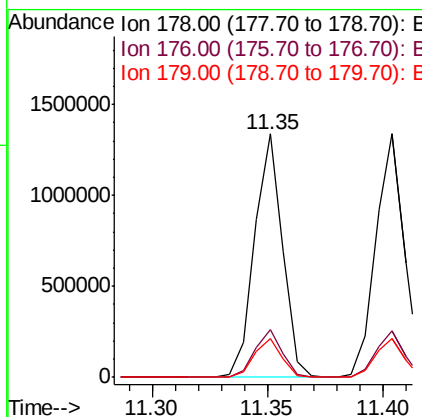
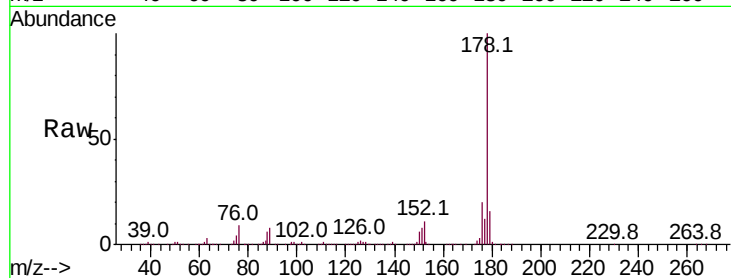
#71
Phenanthrene
Concen: 43.453 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	15.9	13.2	19.8

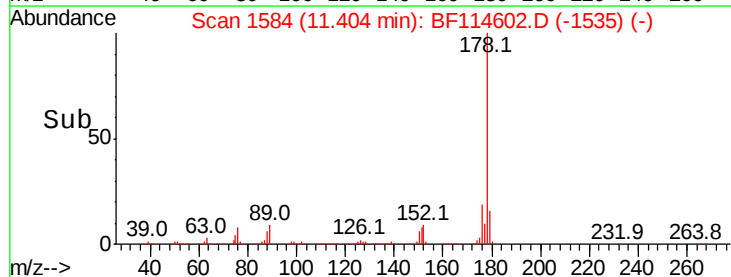
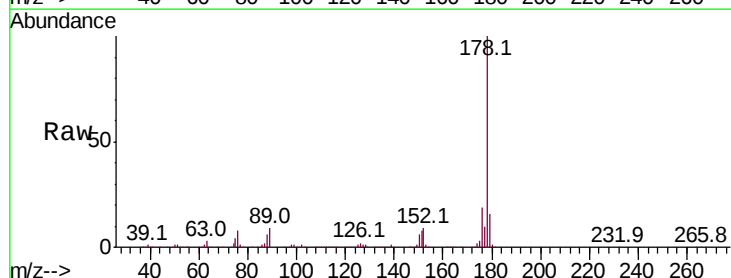
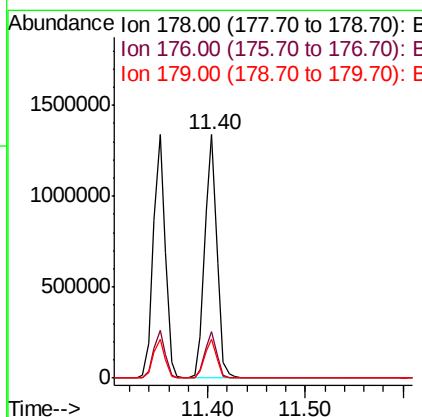
Manual Integrations
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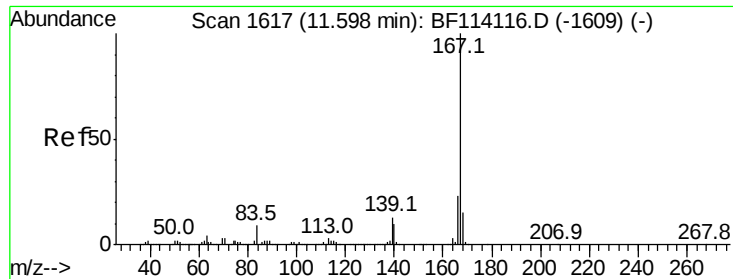
mohammad
5/27/2019 3:49:39 AM



#72
Anthracene
Concen: 44.040 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.0	13.0	19.4





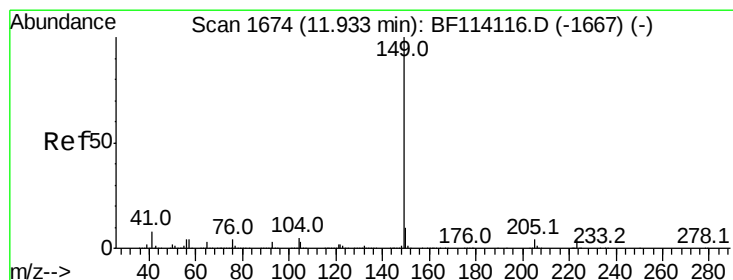
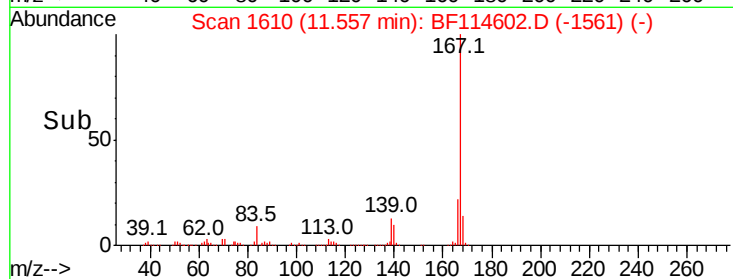
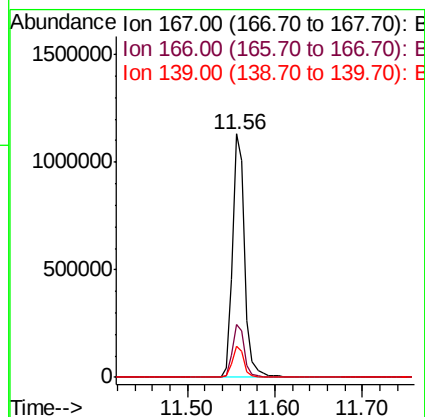
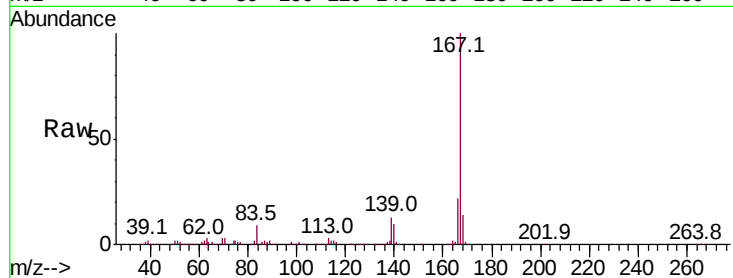
#73
 Carbazole
 Concen: 43.373 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.2
139	12.6	10.6	16.0

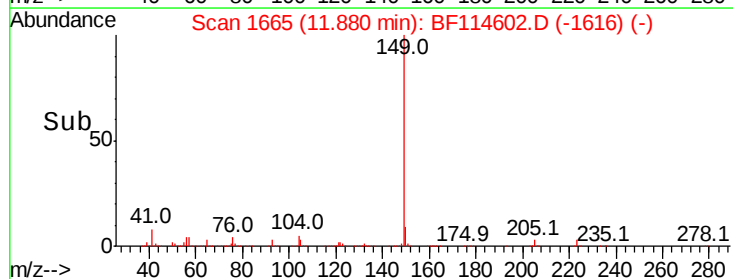
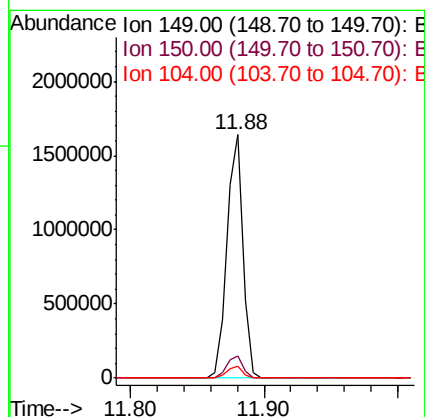
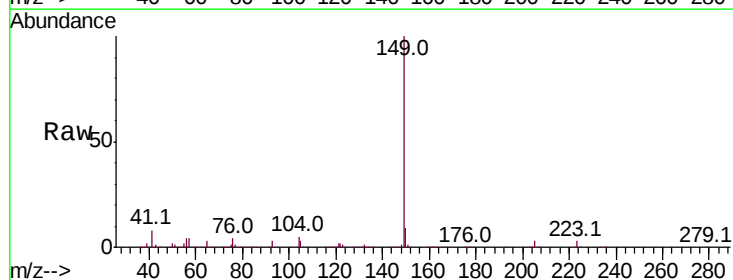
Manual Integrations
 APPROVED

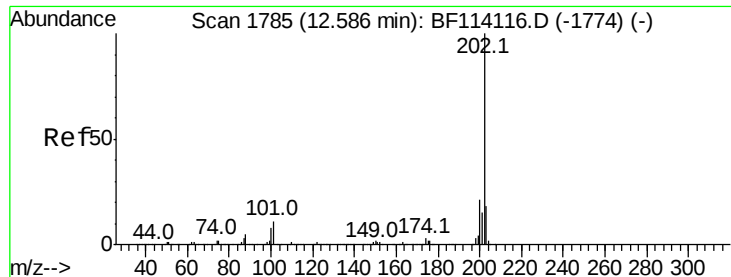
mohammad
 5/27/2019 3:49:39 AM



#74
 Di-n-butylphthalate
 Concen: 48.513 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 43.072 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1209427

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.0

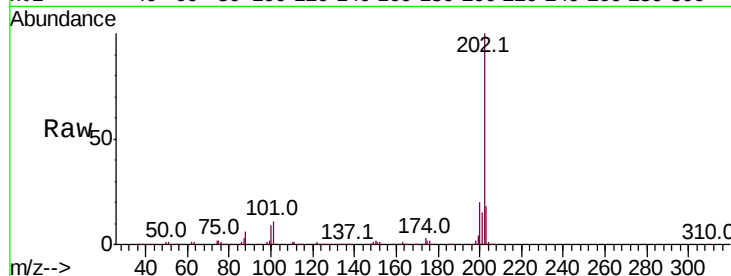
203 18.0 0.0 38.4

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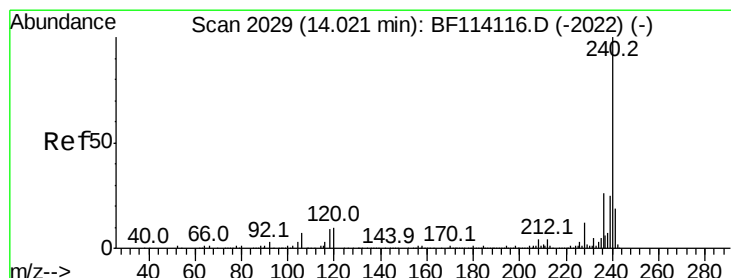
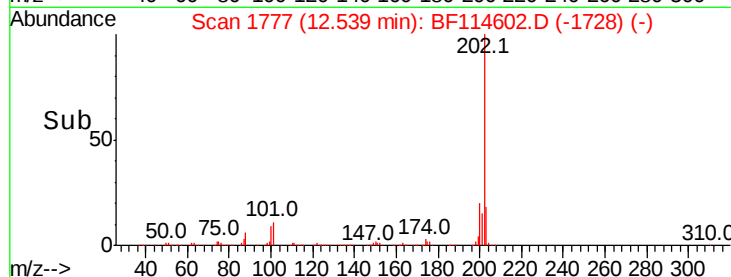
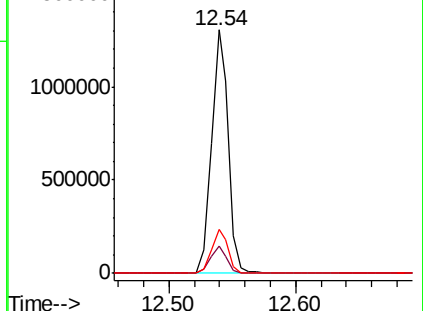
5/27/2019 3:49:39 AM



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: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

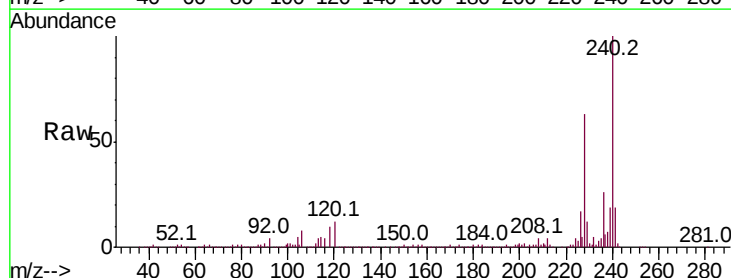
Tgt Ion:240 Resp: 363419

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

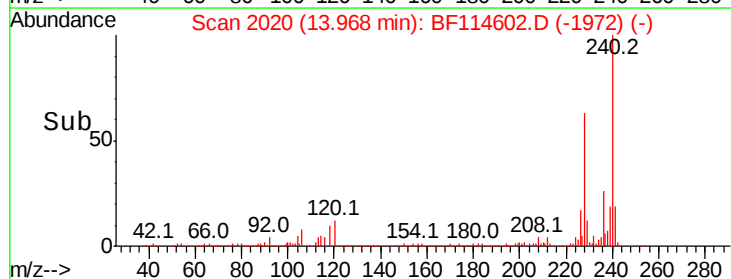
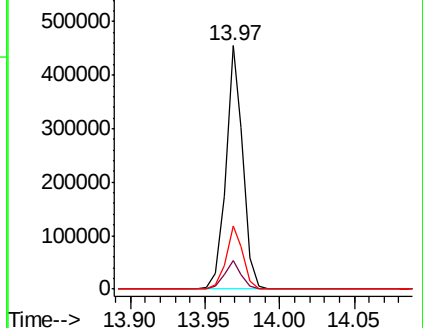
236 26.2 20.8 31.2

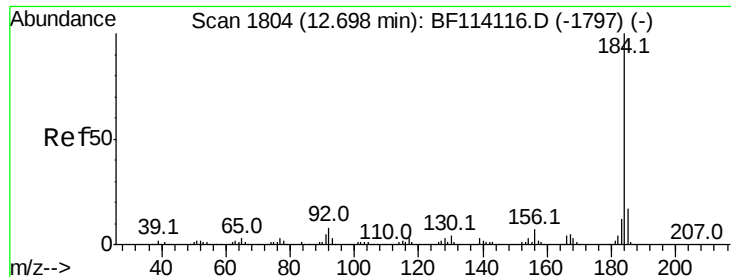


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.508 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

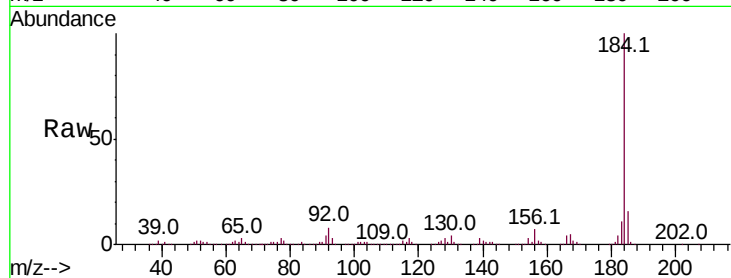
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.6	20.4
183	10.7	9.2	13.8

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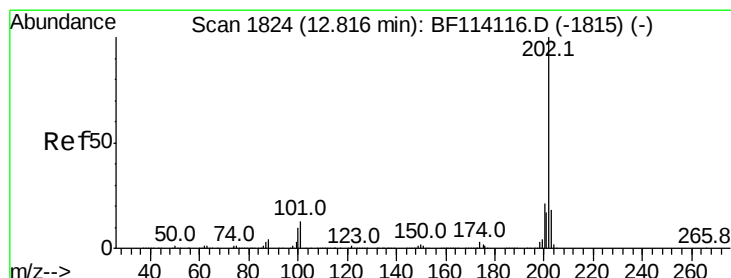
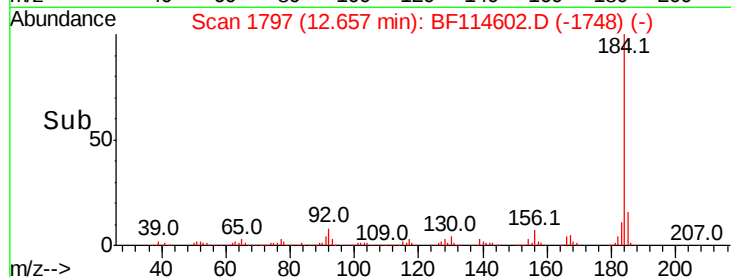
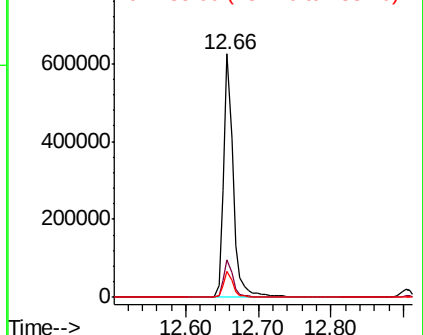


Abundance

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: 41.326 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

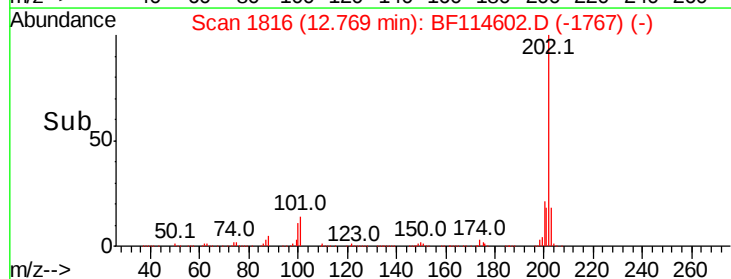
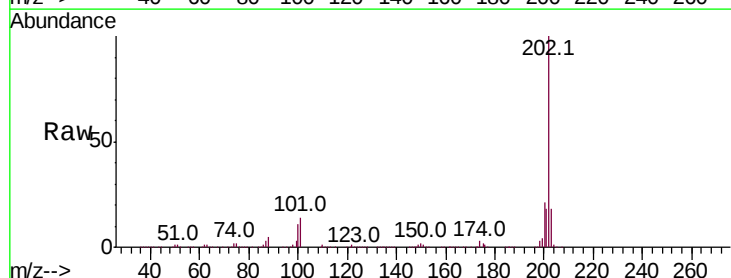
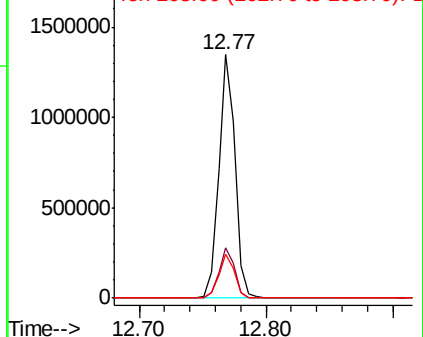
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	18.1	14.5	21.7

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





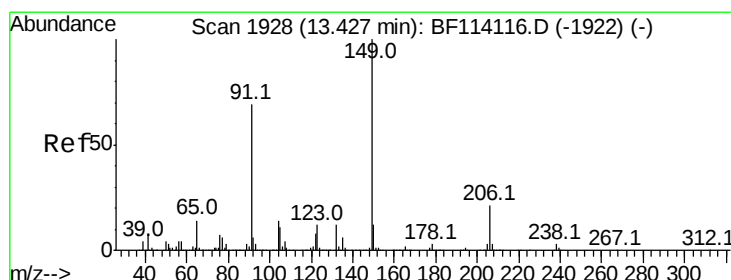
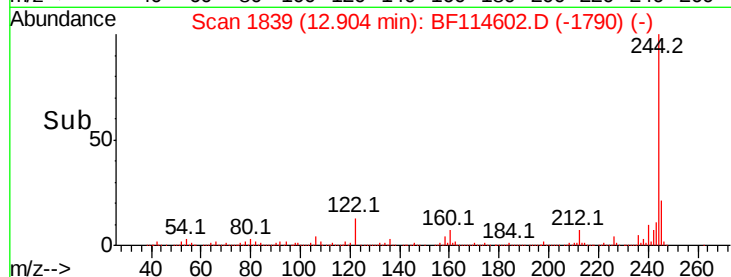
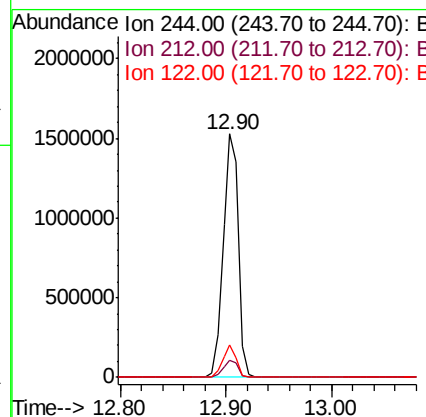
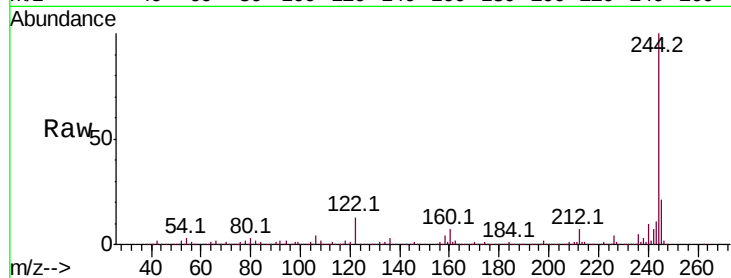
#79
 Terphenyl-d14
 Concen: 87.516 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.1	9.4	14.2

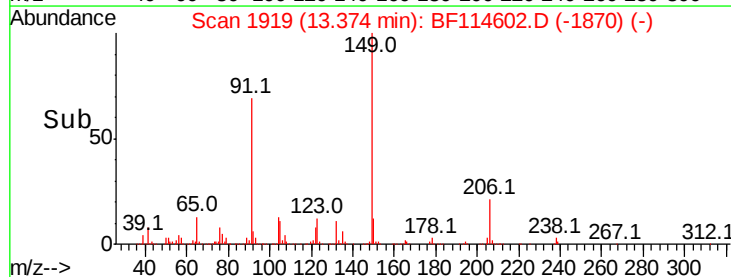
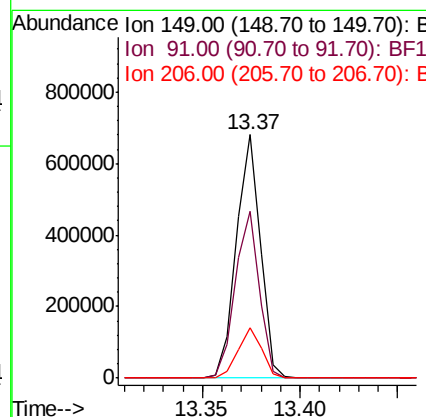
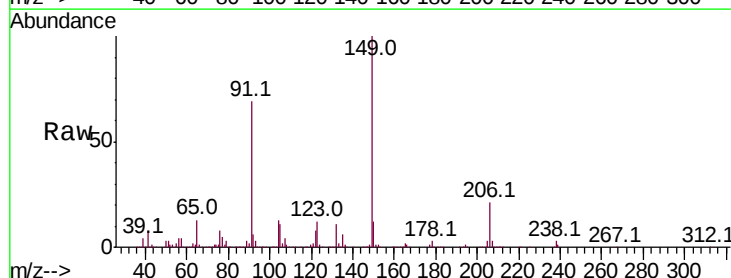
Manual Integrations
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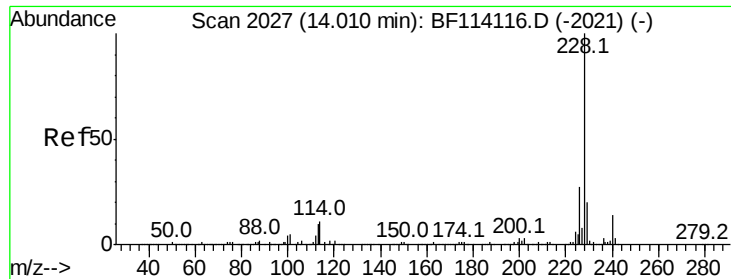
mohammad
 5/27/2019 3:49:39 AM



#80
 Butylbenzylphthalate
 Concen: 47.384 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	55.0	82.4
206	20.8	16.9	25.3





#81

Benzo(a)anthracene

Concen: 43.732 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

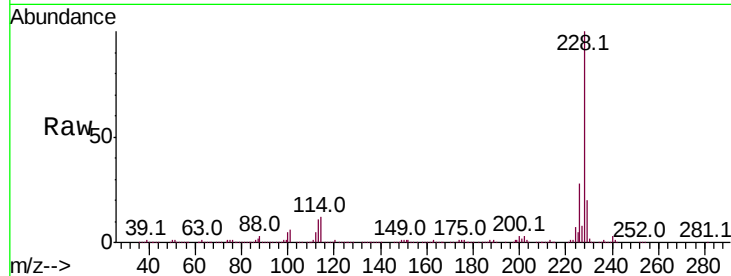
ClientSampleId :

SSTDCCC040

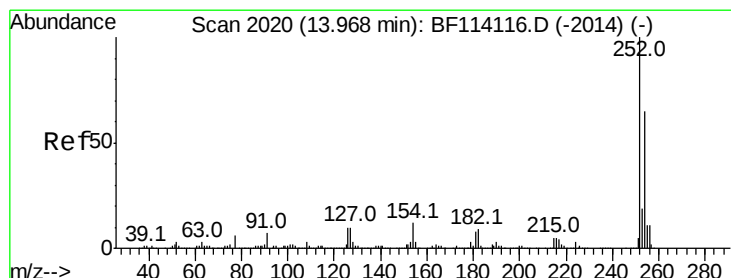
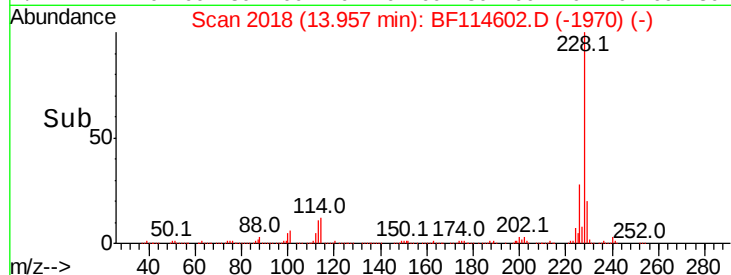
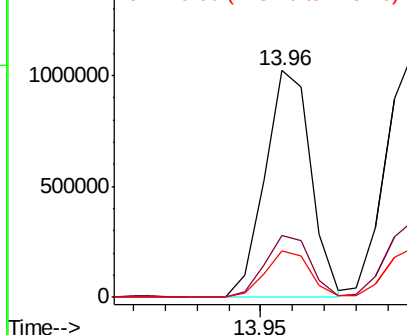
Tot	Ion:228	Resp:	1027961
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.5	16.4	24.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.048 ng

RT: 13.92 min Scan# 2011

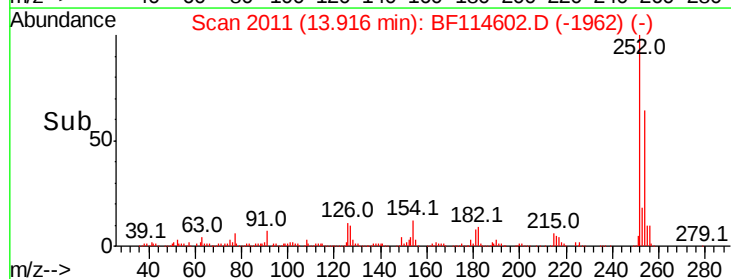
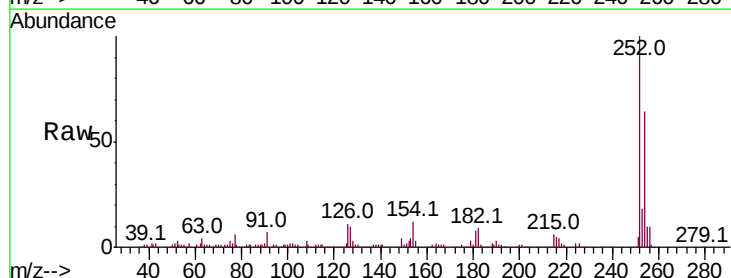
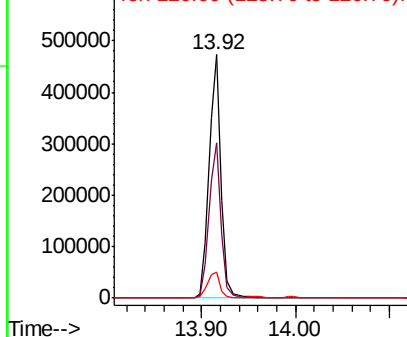
Delta R.T. -0.01 min

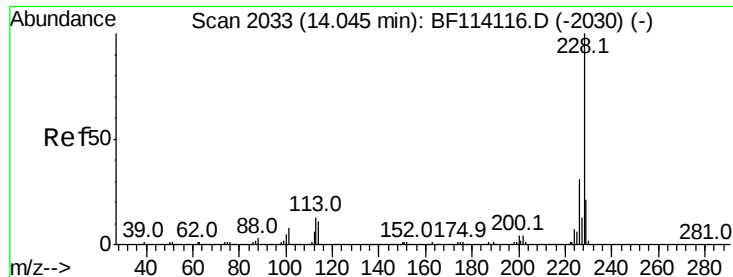
Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt	Ion:252	Resp:	419887
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	10.5	7.9	11.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





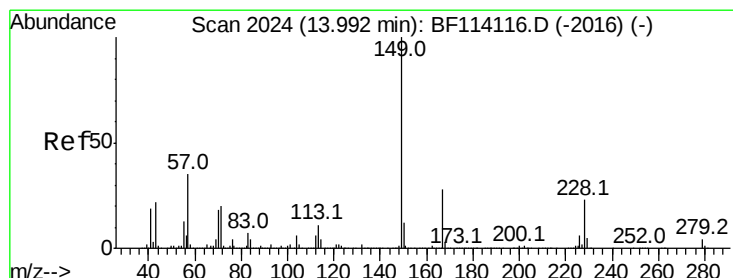
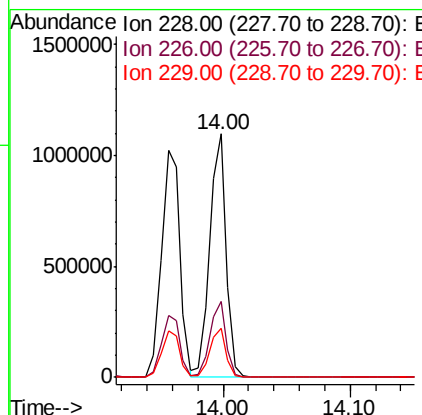
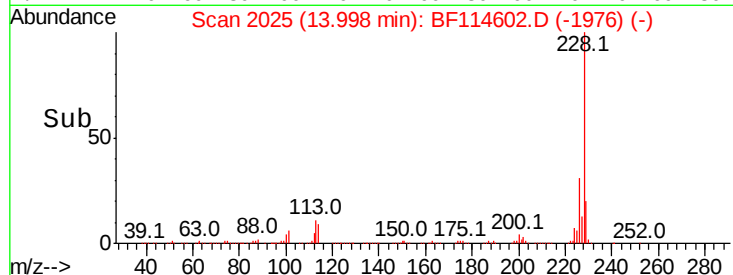
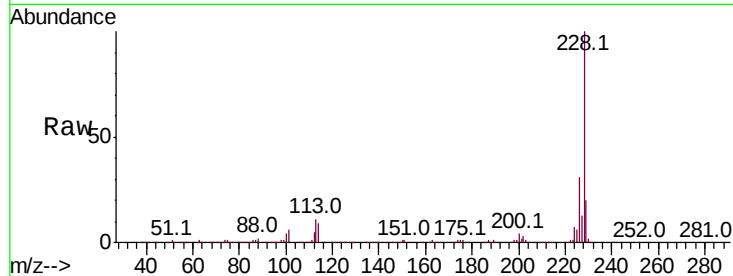
#83
 Chrvsene
 Concen: 43.211 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	17.0	25.6

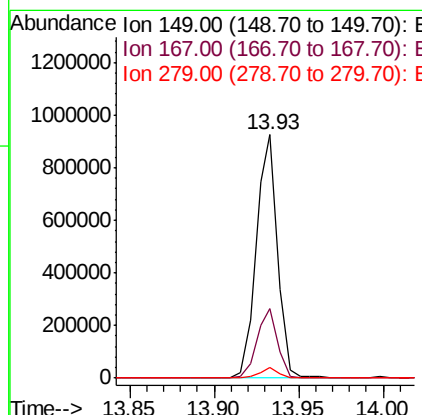
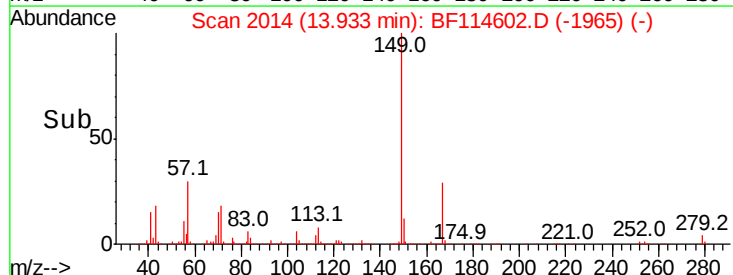
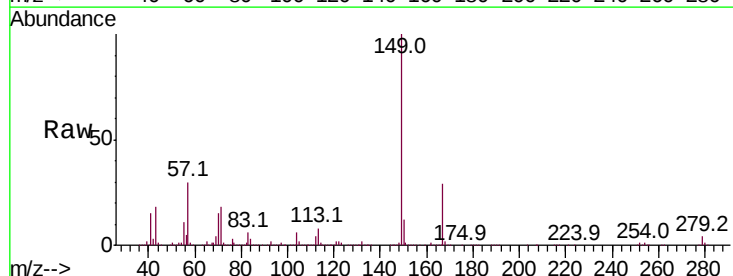
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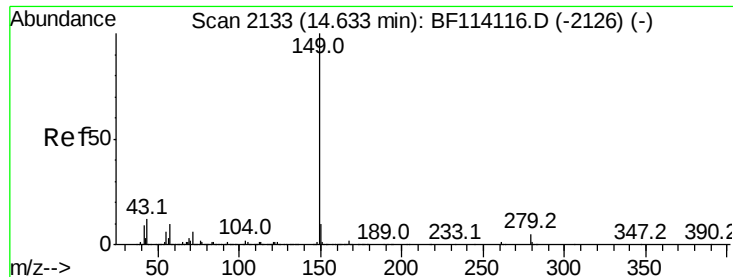
mohammad
 5/27/2019 3:49:39 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.452 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 51.137 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1334134

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

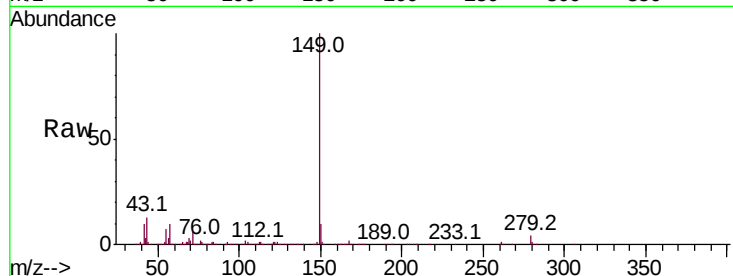
43 11.7 10.1 15.1

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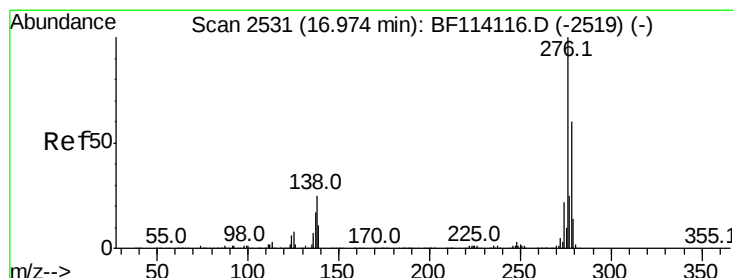
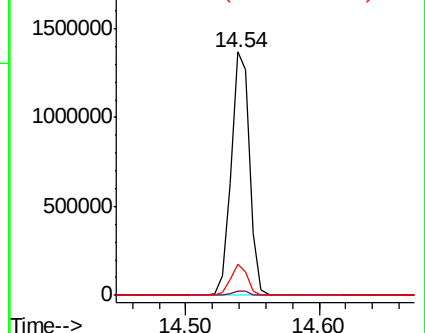
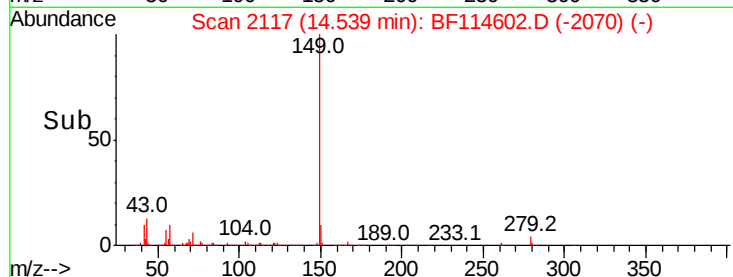
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.399 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

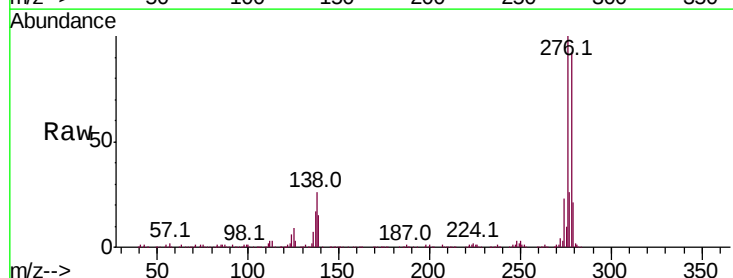
Tgt Ion:276 Resp: 904151

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.2

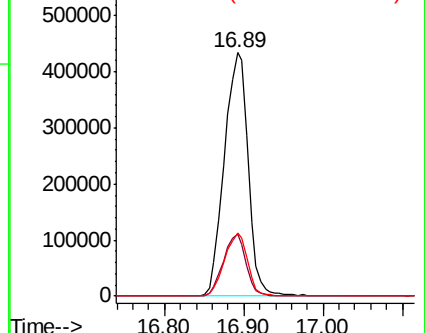
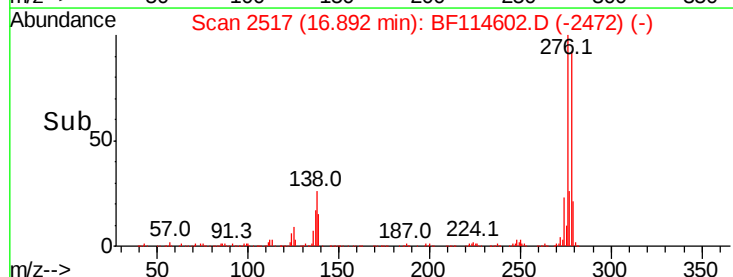
277 25.1 20.0 30.0

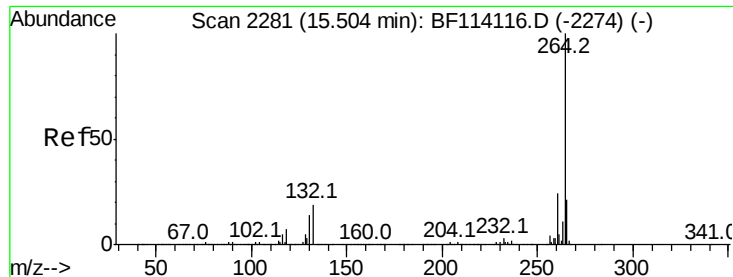


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

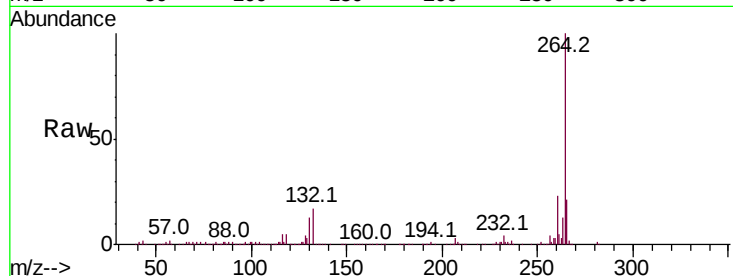
ClientSampleId :

SSTDCCC040

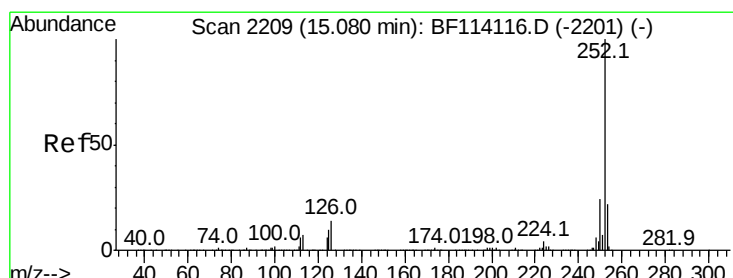
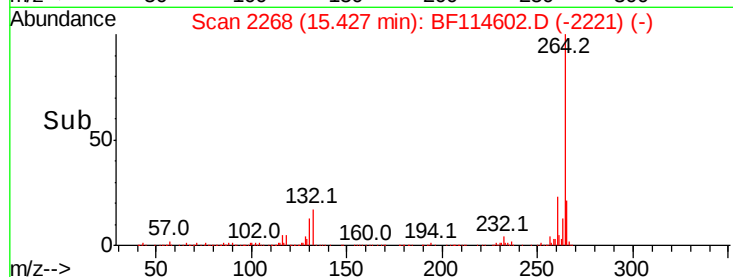
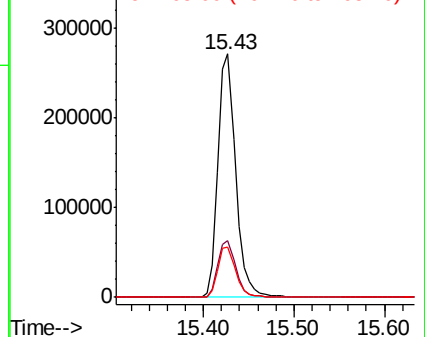
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	20.6	16.9	25.3

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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: 44.614 ng

RT: 15.00 min Scan# 2196

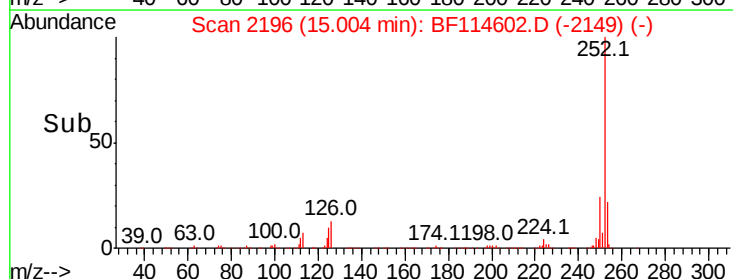
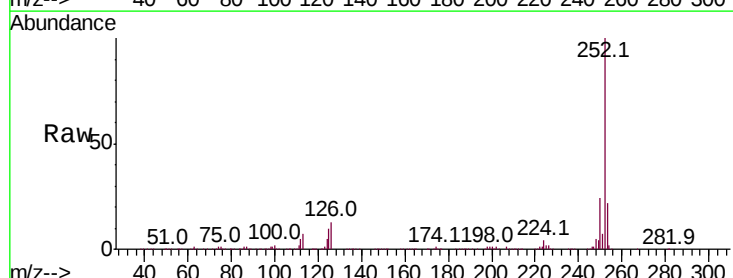
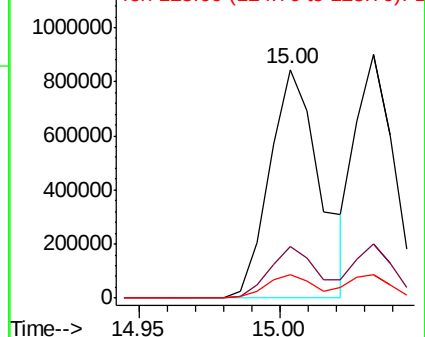
Delta R.T. -0.02 min

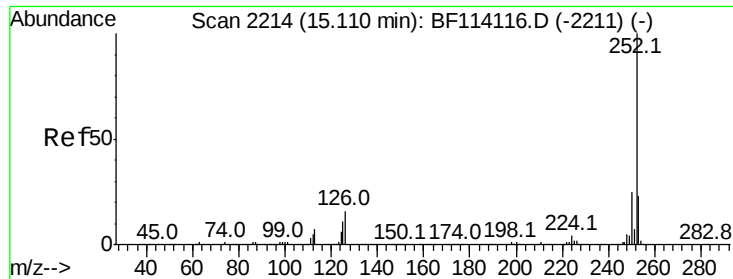
Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	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





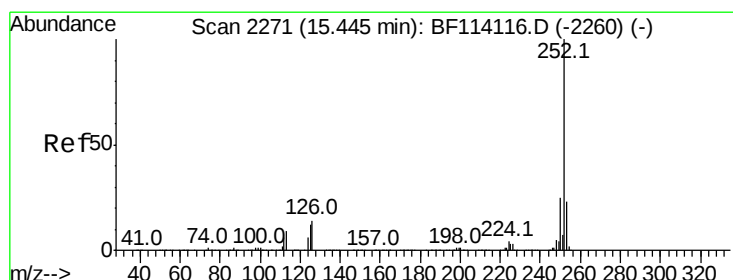
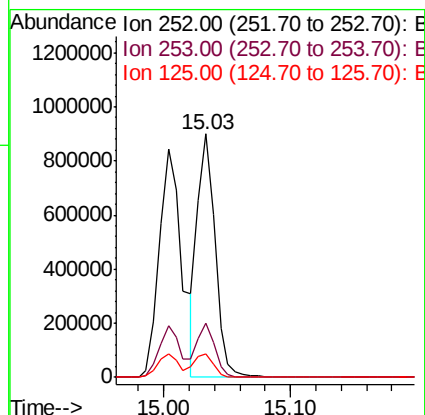
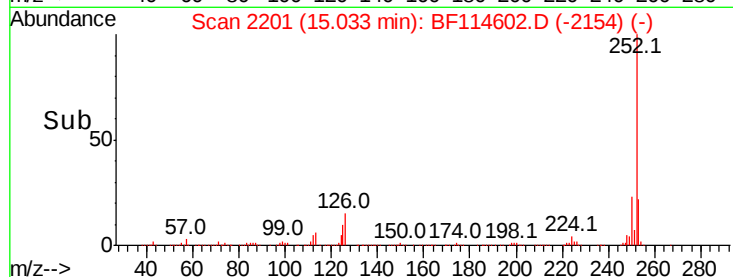
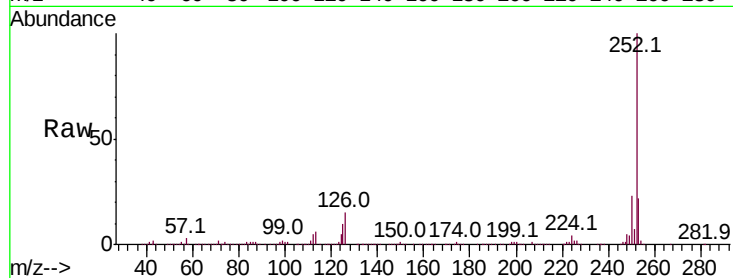
#89
Benzo(k)fluoranthene
Concen: 39.944 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.9	8.6	13.0

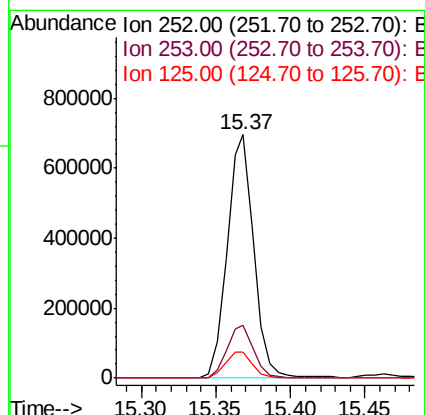
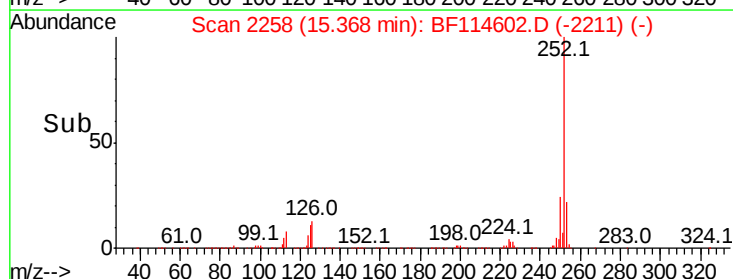
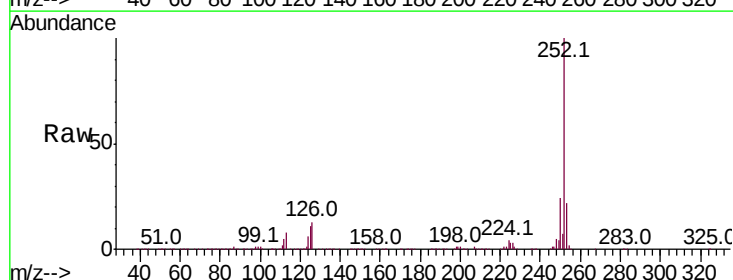
Manual Integrations
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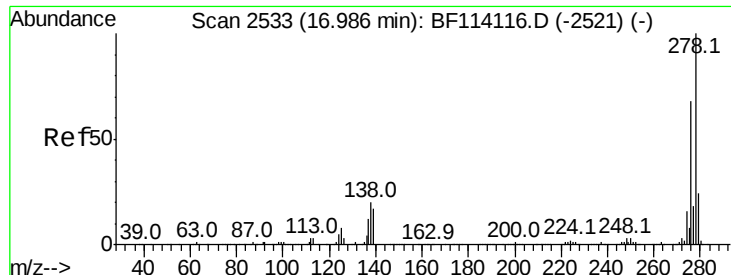
mohammad
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#90
Benzo(a)pyrene
Concen: 42.111 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.9	9.5	14.3





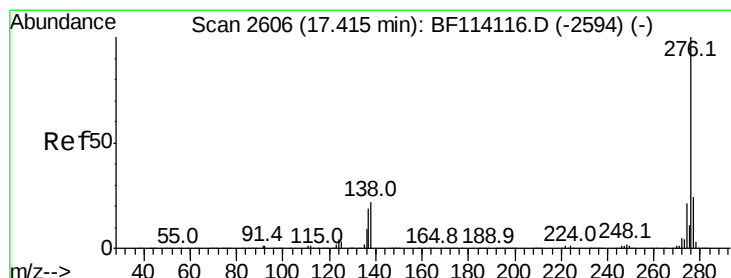
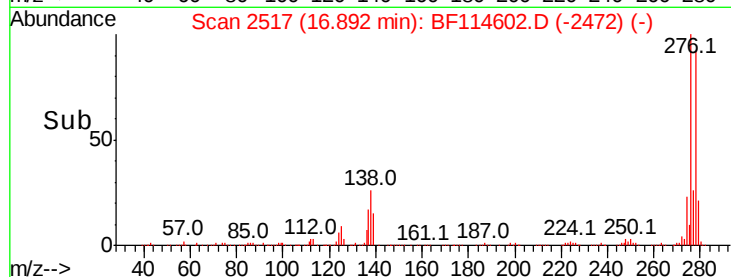
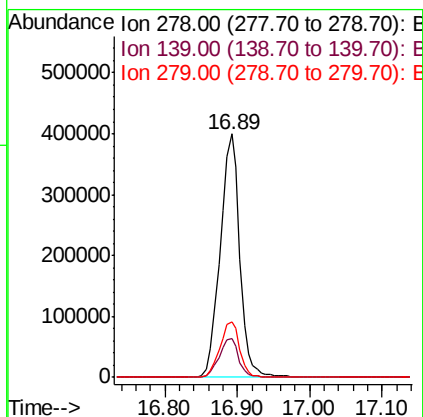
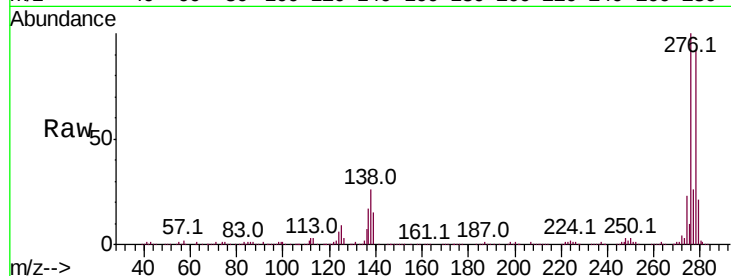
#91
Dibenzo(a,h)anthracene
Concen: 43.750 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	22.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:49:39 AM



#92
Benzo(g,h,i)perylene
Concen: 43.424 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.04 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.1	17.8	26.6

