

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118334.D
 Acq On : 27 Dec 2019 13:00
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:27:30 PM

Quant Time: Dec 28 00:52:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182588	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	704882	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	373548	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	678584	20.00	ng	0.00
76) Chrysene-d12	14.06	240	469391	20.00	ng	0.00
87) Perylene-d12	15.54	264	397140	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	806170	75.37	ng	0.00
7) Phenol-d6	6.50	99	991095	74.69	ng	0.01
23) Nitrobenzene-d5	7.43	82	925929	75.13	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	342963	74.35	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	1855654	75.83	ng	0.00
79) Terphenyl-d14	12.99	244	2138313	75.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	156854	36.888	ng	99
3) Pyridine	3.36	79	426533	37.649	ng	98
4) n-Nitrosodimethylamine	3.32	42	174102	37.170	ng	98
6) Aniline	6.52	93	627081	37.216	ng	98
8) 2-Chlorophenol	6.65	128	452214	37.328	ng	98
9) Benzaldehyde	6.41	77	272143	34.982	ng	97
10) Phenol	6.51	94	553911	37.140	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	406953	38.154	ng	98
12) 1,3-Dichlorobenzene	6.80	146	526837	37.760	ng	98
13) 1,4-Dichlorobenzene	6.87	146	536470	37.855	ng	99
14) 1,2-Dichlorobenzene	7.03	146	503144	37.605	ng	100
15) Benzyl Alcohol	7.00	79	378844	37.498	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	440060	38.664	ng	96
17) 2-Methylphenol	7.12	107	357400	36.782	ng	99
18) Hexachloroethane	7.37	117	193814	37.264	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	301584	36.894	ng	98
20) 3+4-Methylphenols	7.27	107	464089	37.319	ng	97
22) Acetophenone	7.27	105	643514	37.249	ng	97
24) Nitrobenzene	7.45	77	459172	37.193	ng	100
25) Isophorone	7.69	82	803285	37.400	ng	100
26) 2-Nitrophenol	7.76	139	252162	38.562	ng	98
27) 2,4-Dimethylphenol	7.80	122	332717	37.293	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	537423	38.259	ng	99
29) 2,4-Dichlorophenol	8.01	162	392039	38.177	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	454185	37.968	ng	98
31) Naphthalene	8.17	128	1351452	37.722	ng	99
32) Benzoic acid	7.94	122	238034	33.535	ng	99
33) 4-Chloroaniline	8.22	127	573009	37.308	ng	99
34) Hexachlorobutadiene	8.28	225	273368	38.391	ng	99
35) Caprolactam	8.60	113	116746	36.415	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	403543	36.602	ng	98
37) 2-Methylnaphthalene	8.86	142	913260	37.232	ng	99
38) 1-Methylnaphthalene	8.96	142	860513	37.236	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	425568	37.918	ng	100

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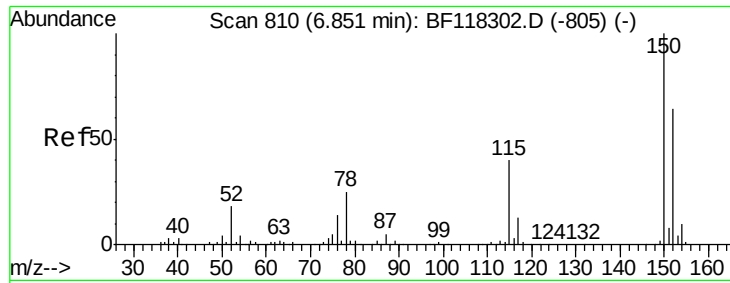
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	157644	38.626	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	280382	37.394	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	287467	37.269	nq	97
46) 1,1'-Biphenyl	9.33	154	1123793	38.036	nq	99
47) 2-Chloronaphthalene	9.36	162	892774	37.544	nq	97
48) 2-Nitroaniline	9.45	65	252174	37.545	nq	98
49) Acenaphthylene	9.77	152	1321673	37.476	nq	99
50) Dimethylphthalate	9.63	163	1049956	37.445	nq	99
51) 2,6-Dinitrotoluene	9.70	165	226463	37.462	nq	# 86
52) Acenaphthene	9.95	154	805788	37.511	nq	99
53) 3-Nitroaniline	9.87	138	263988	37.206	nq	95
54) 2,4-Dinitrophenol	9.98	184	93377m	33.834	nq	
55) Dibenzofuran	10.12	168	1185571	37.352	nq	98
56) 4-Nitrophenol	10.04	139	153125	34.959	nq	88
57) 2,4-Dinitrotoluene	10.10	165	302095	37.399	nq	91
58) Fluorene	10.46	166	947277	36.970	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	232909	35.538	nq	98
60) Diethylphthalate	10.33	149	1047890	37.775	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	483352	37.788	nq	97
62) 4-Nitroaniline	10.49	138	271424	36.824	nq	98
63) Azobenzene	10.61	77	897566	37.775	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	131366	35.885	nq	98
66) n-Nitrosodiphenylamine	10.57	169	834750	38.382	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	307044	38.664	nq	97
68) Hexachlorobenzene	11.02	284	354727	37.948	nq	92
69) Atrazine	11.10	200	254493	37.915	nq	95
70) Pentachlorophenol	11.21	266	142527	35.206	nq	99
71) Phenanthrene	11.43	178	1390003	37.575	nq	100
72) Anthracene	11.48	178	1411784	38.128	nq	100
73) Carbazole	11.63	167	1239565	37.727	nq	99
74) Di-n-butylphthalate	11.96	149	1670229	40.092	nq	100
75) Fluoranthene	12.62	202	1419815	38.030	nq	97
77) Benzidine	12.74	184	613818	47.725	nq	99
78) Pyrene	12.85	202	1413824	36.885	nq	98
80) Butylbenzylphthalate	13.46	149	709006	41.081	nq	98
81) Benzo(a)anthracene	14.04	228	1227988	37.375	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	446416	40.073	nq	99
83) Chrysene	14.09	228	1160956	36.902	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	985251	43.414	nq	99
85) Di-n-octyl phthalate	14.64	149	1493577	44.742	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	919536	34.303	nq	100
88) Benzo(b)fluoranthene	15.11	252	1044410	39.618	nq	97
89) Benzo(k)fluoranthene	15.14	252	949812	37.524	nq	99
90) Benzo(a)pyrene	15.49	252	878429	37.826	nq	98
91) Dibenzo(a,h)anthracene	17.08	278	760872	37.756	nq	97
92) Benzo(g,h,i)perylene	17.52	276	718244	36.895	nq	98

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



#1

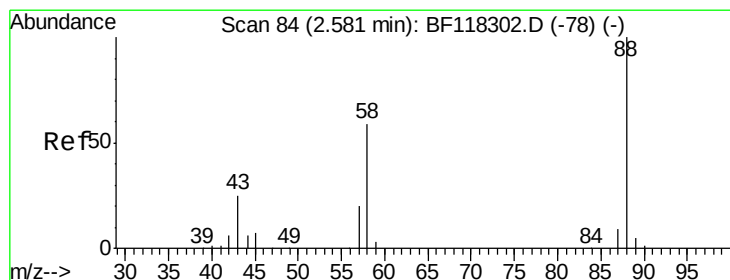
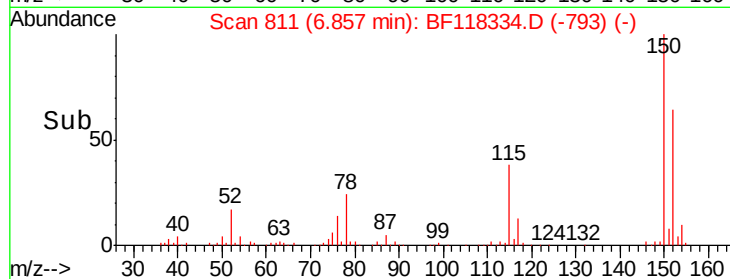
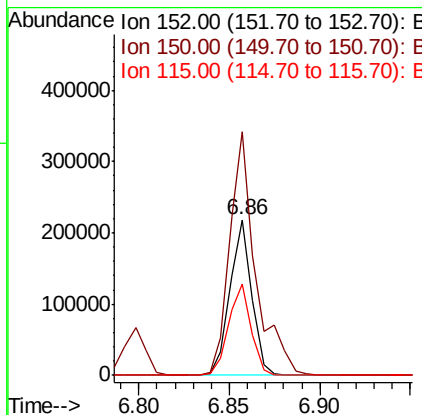
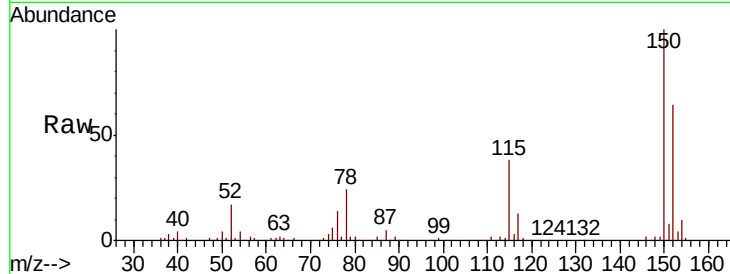
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.4	188.2
115	59.1	50.2	75.4

Manual Integrations
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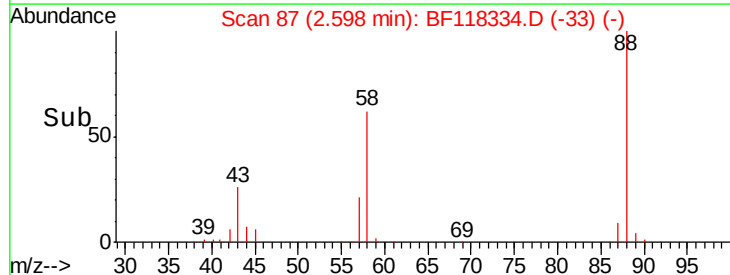
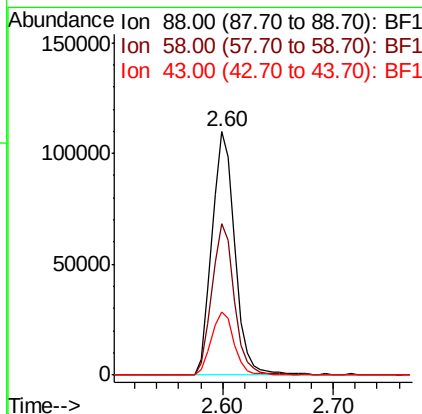
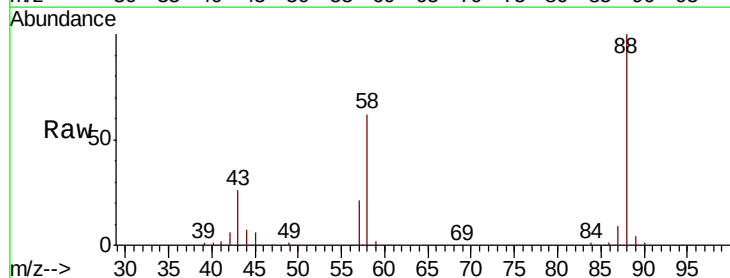
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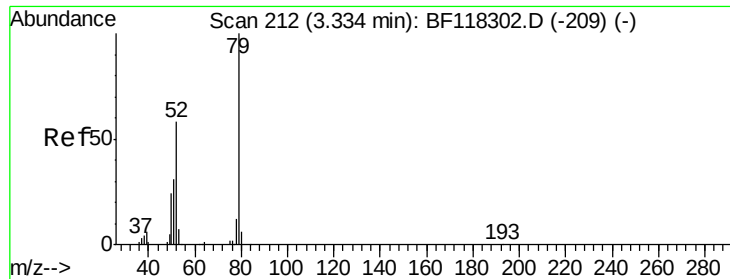


#2

1,4-Dioxane
Concen: 36.888 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	47.6	71.4
43	25.5	20.6	30.8





#3

Pvridine

Concen: 37.649 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

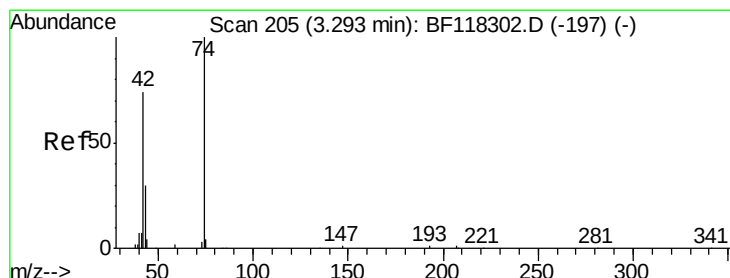
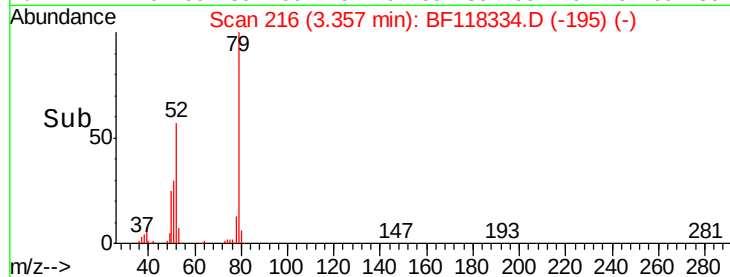
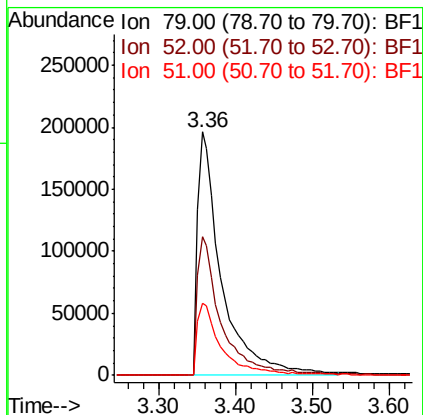
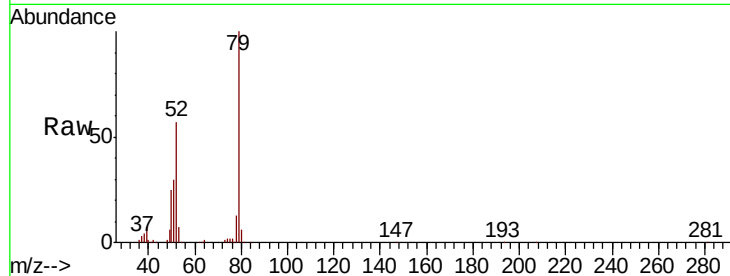
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	426533
Ion	Ratio	Lower	Upper
79	100		
52	57.1	46.4	69.6
51	29.6	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 37.170 ng

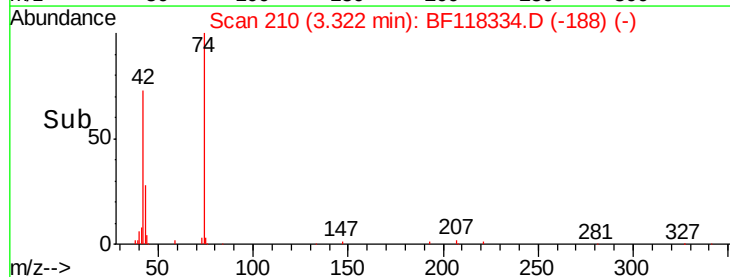
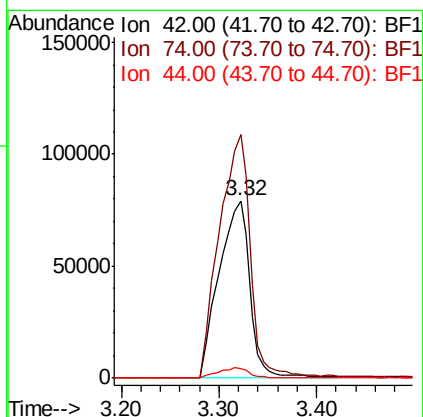
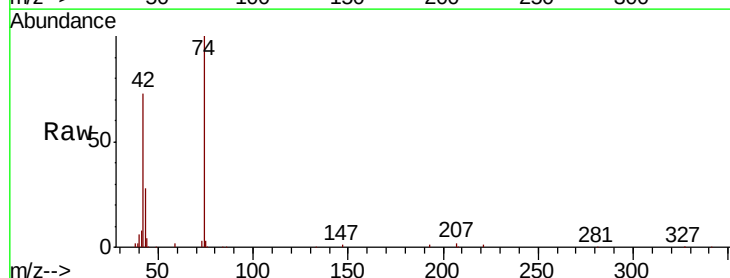
RT: 3.32 min Scan# 210

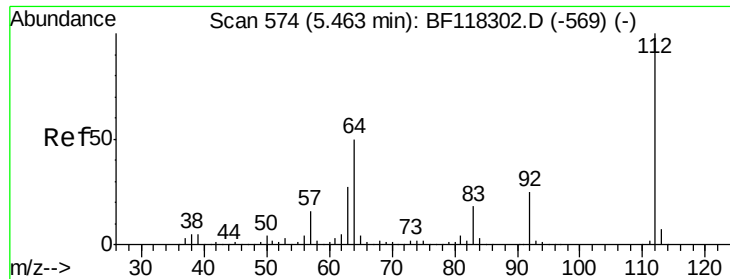
Delta R.T. 0.03 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:	42	Resp:	174102
Ion	Ratio	Lower	Upper
42	100		
74	137.2	107.7	161.5
44	5.4	4.8	7.2





#5

2-Fluorophenol

Concen: 75.368 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

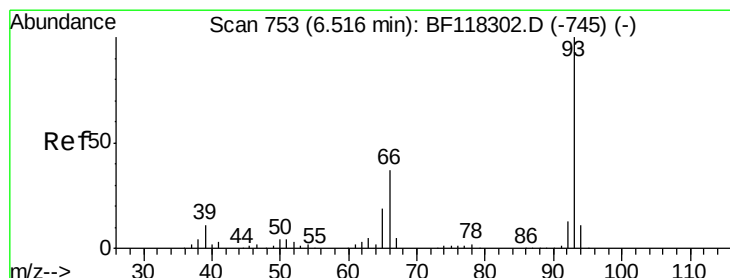
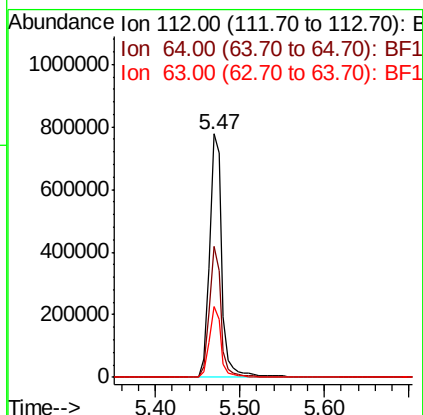
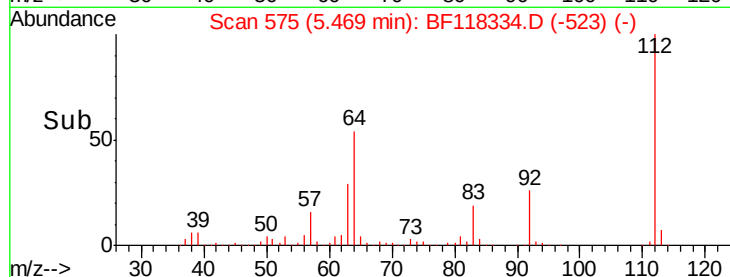
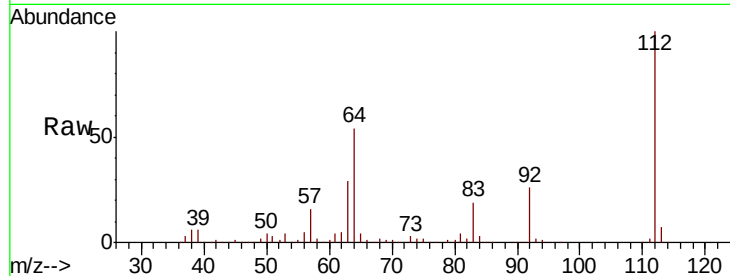
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	806170
Ion Ratio	Lower	Upper	
112	100		
64	53.8	39.7	59.5
63	29.1	21.7	32.5

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#6

Aniline

Concen: 37.216 ng

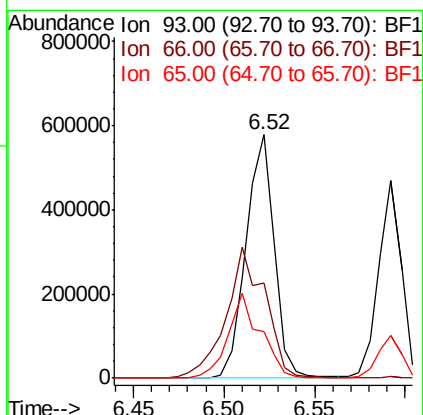
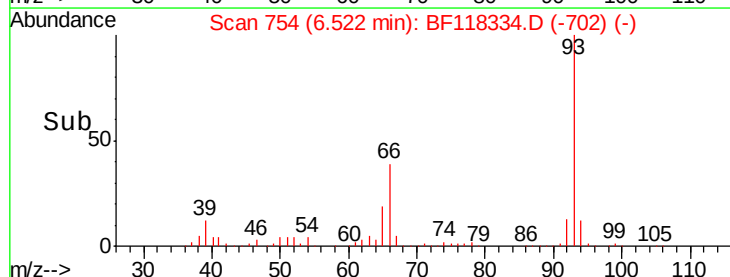
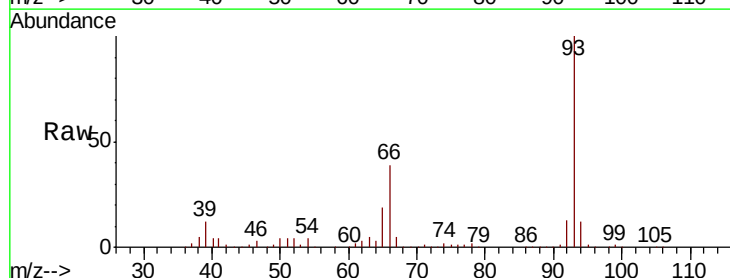
RT: 6.52 min Scan# 754

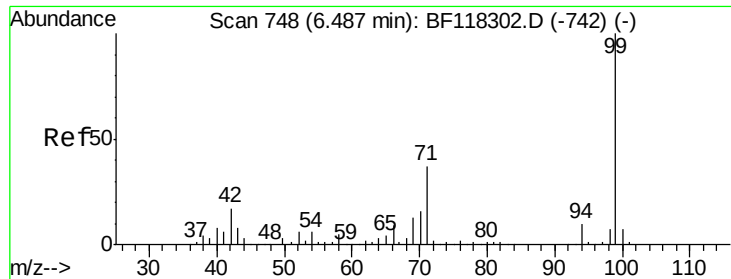
Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:	93	Resp:	627081
Ion Ratio	Lower	Upper	
93	100		
66	39.1	30.2	45.4
65	19.3	15.7	23.5





#7

Phenol-d6

Concen: 74.691 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

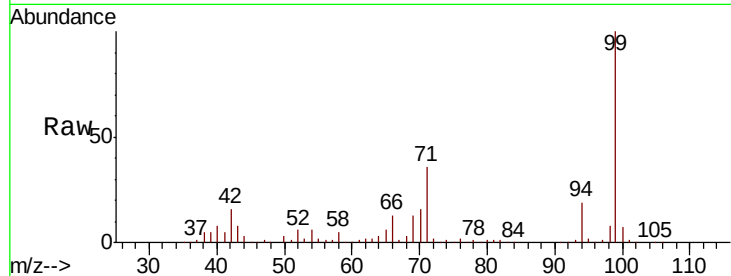
ClientSampleId :

SSTDCCC040

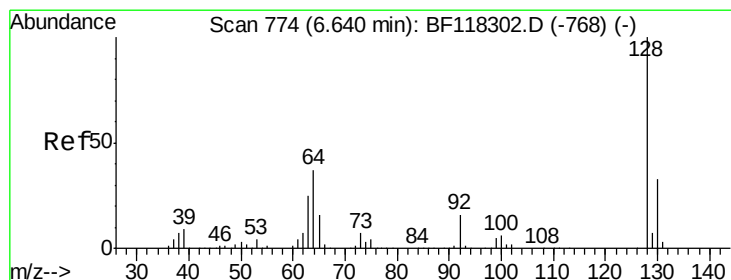
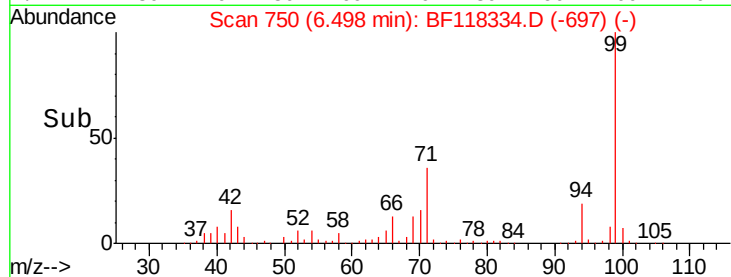
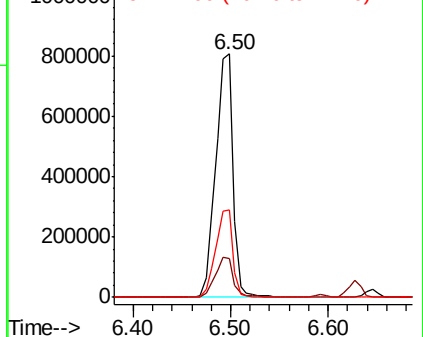
Tot Ion:	99	Resp:	991095
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	35.9	29.4	44.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.328 ng

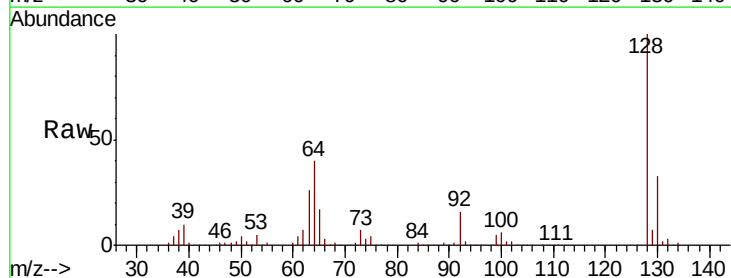
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

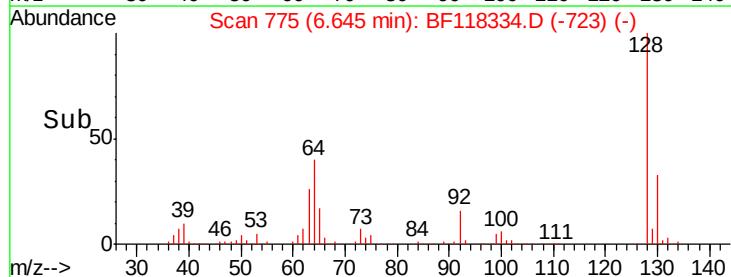
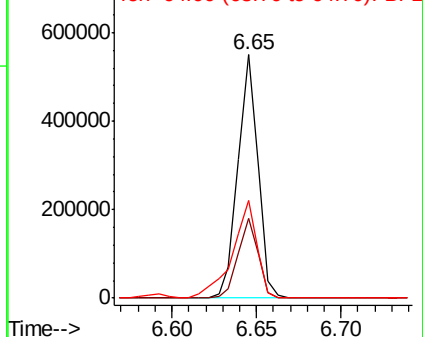
Lab File: BF118334.D

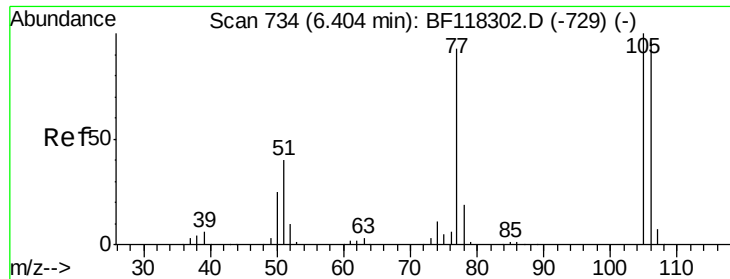
Acq: 27 Dec 2019 13:00

Tgt Ion:	128	Resp:	452214
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.2	53.2
64	40.1	17.7	57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.982 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

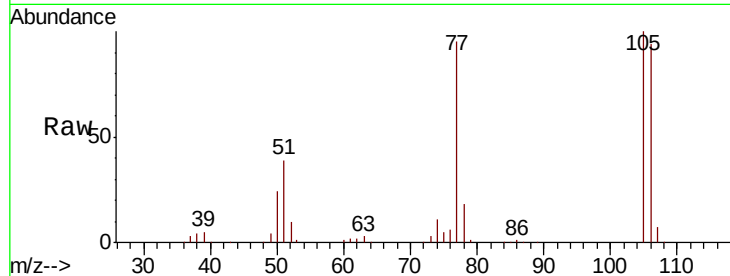
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.6	87.5	127.5		
106	99.3	83.6	123.6		

Manual Integrations
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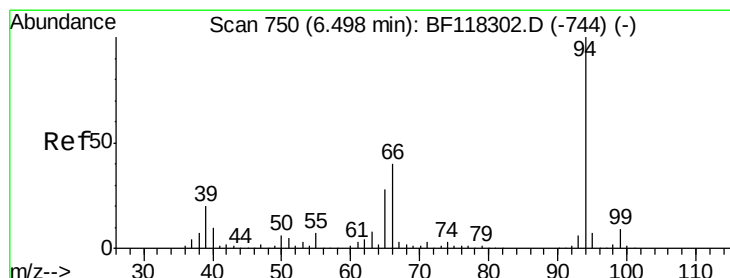
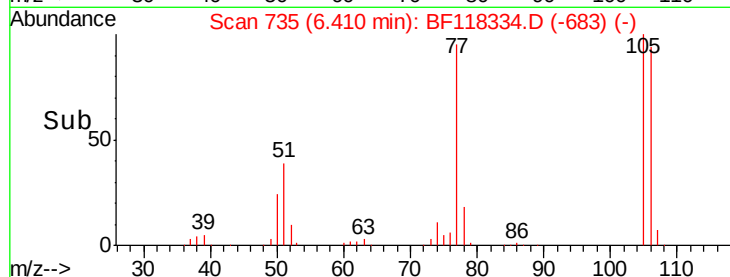
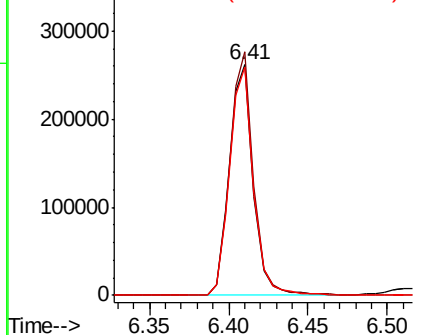
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.140 ng

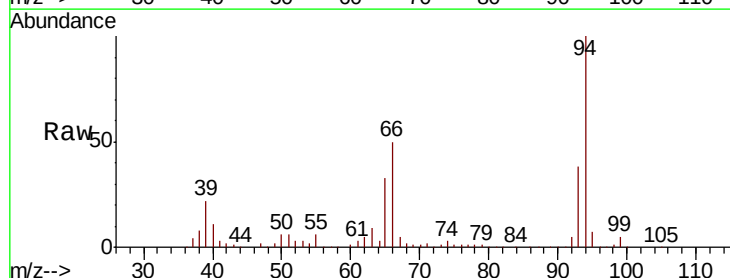
RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

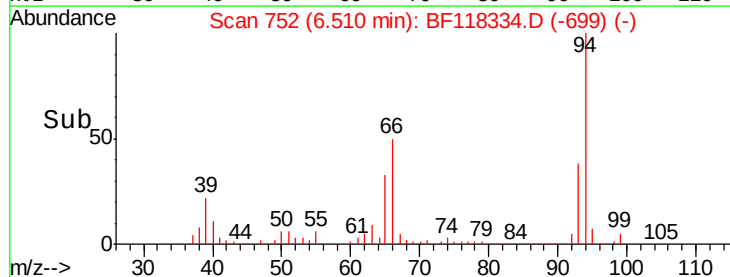
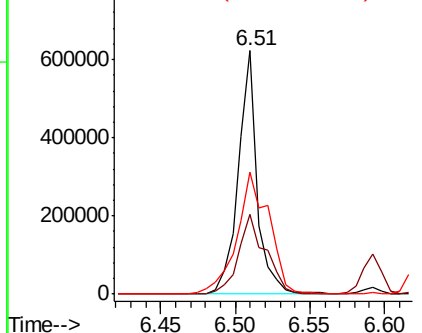
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.5	7.8	47.8		
66	49.9	20.4	60.4		

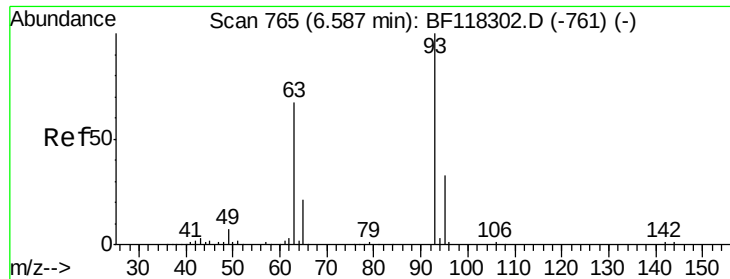


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





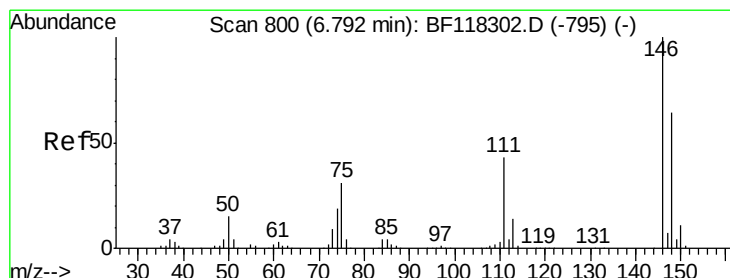
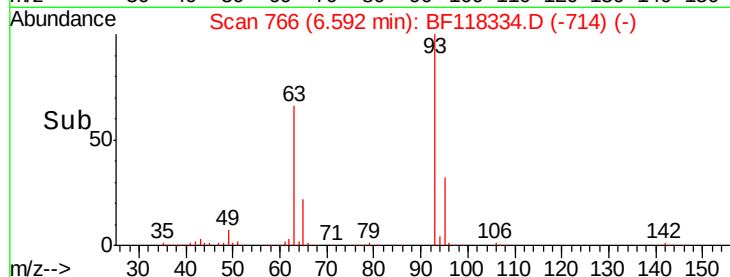
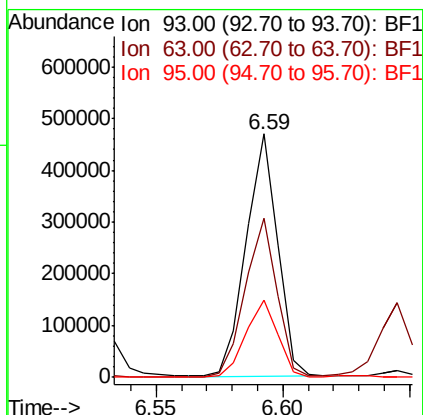
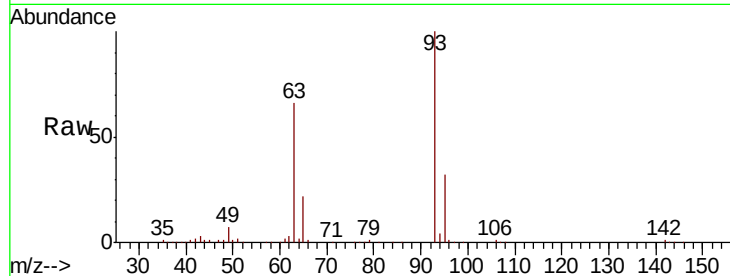
#11
bis(2-Chloroethyl)ether
Concen: 38.154 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	406953
Ion	Ratio	Lower	Upper
93	100		
63	65.6	47.0	87.0
95	31.9	12.8	52.8

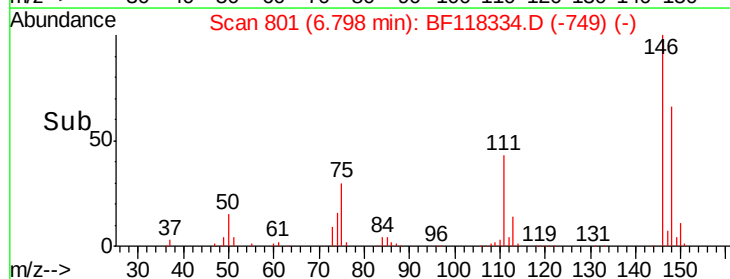
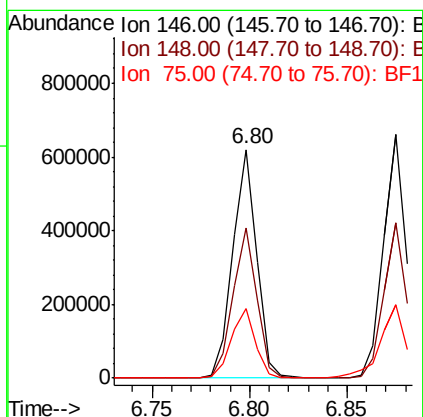
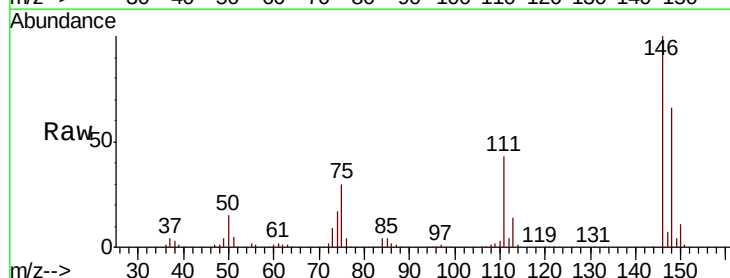
Manual Integrations
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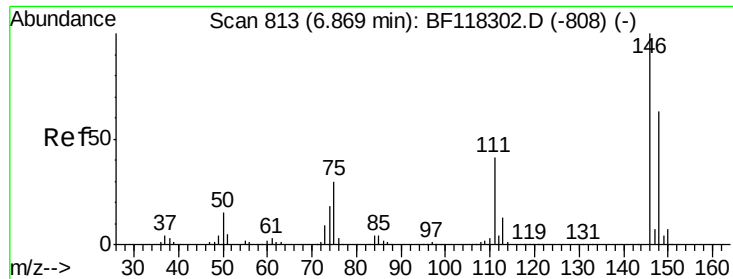
mohammad
12/29/2019 5:27:30 PM



#12
1,3-Dichlorobenzene
Concen: 37.760 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:	146	Resp:	526837
Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.0
75	30.3	24.4	36.6





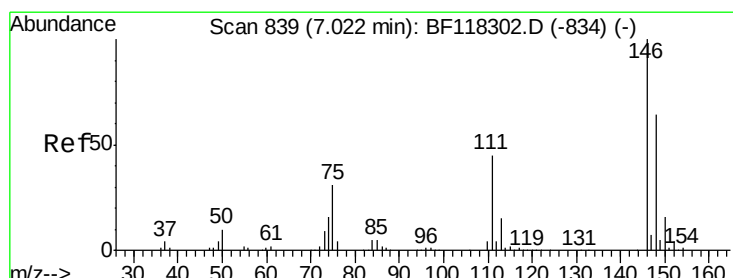
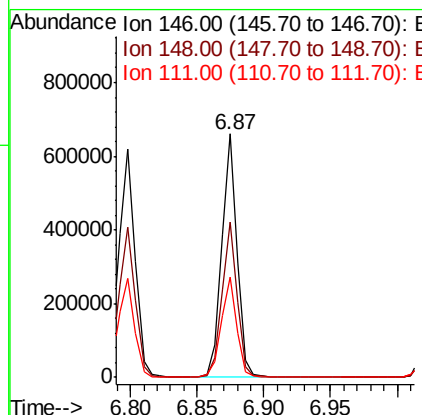
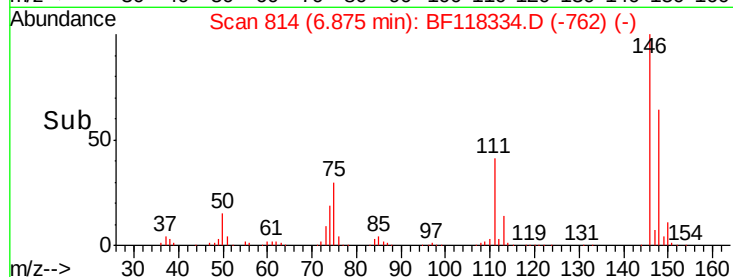
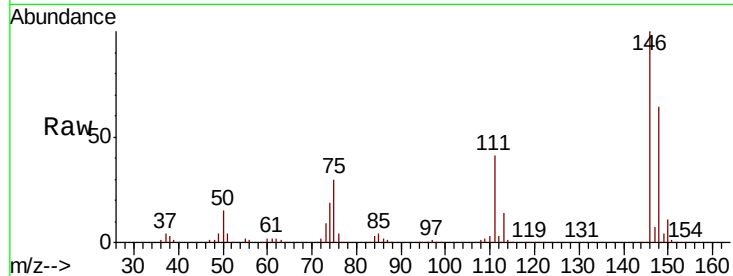
#13
1,4-Dichlorobenzene
Concen: 37.855 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	41.4	32.8	49.2

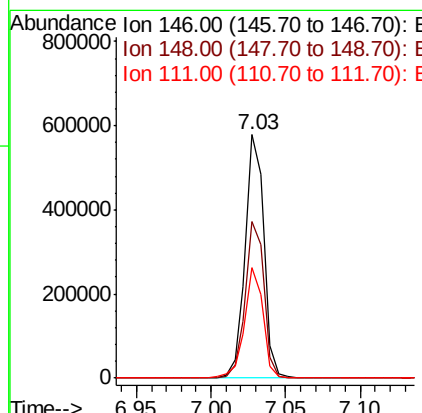
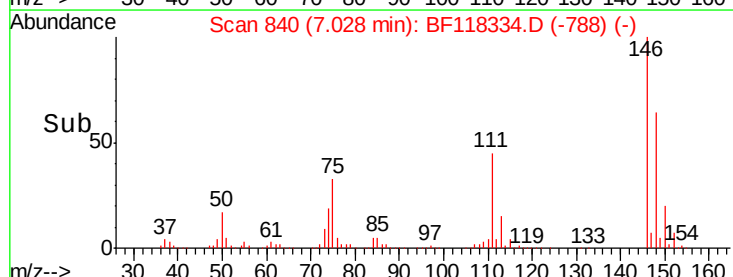
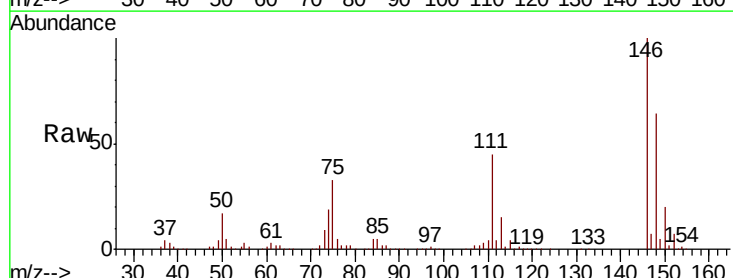
Manual Integrations
APPROVED

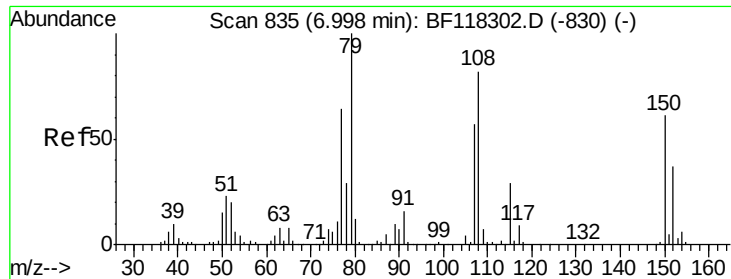
mohammad
12/29/2019 5:27:30 PM



#14
1,2-Dichlorobenzene
Concen: 37.605 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	45.2	35.7	53.5





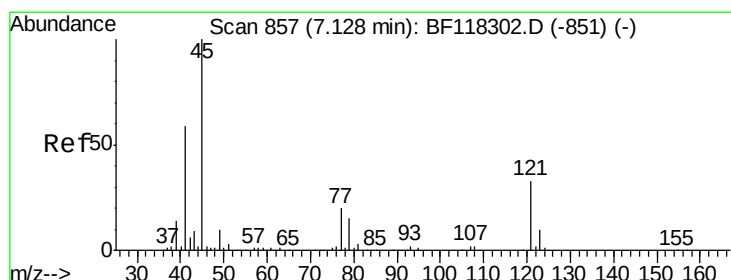
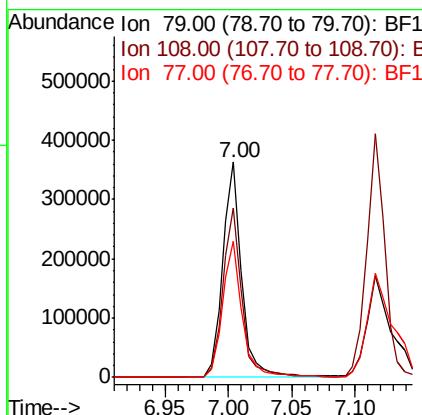
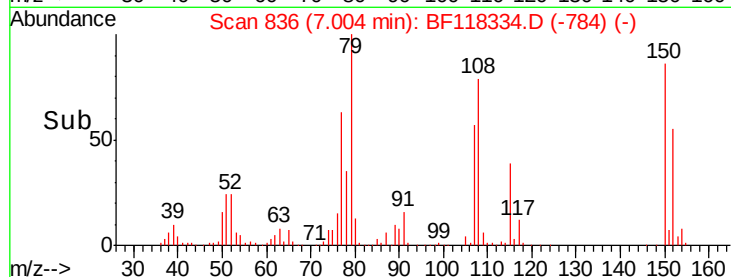
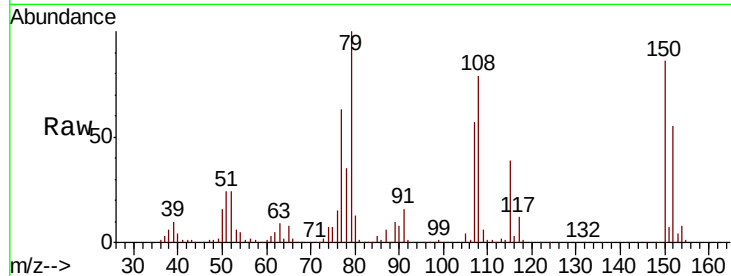
#15
Benzyl Alcohol
Concen: 37.498 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 378844
Ion Ratio Lower Upper
79 100
108 78.7 65.4 98.0
77 63.4 51.4 77.0

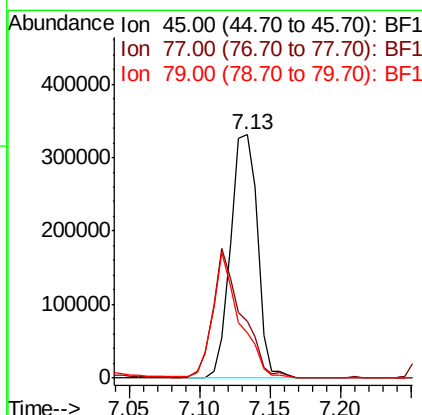
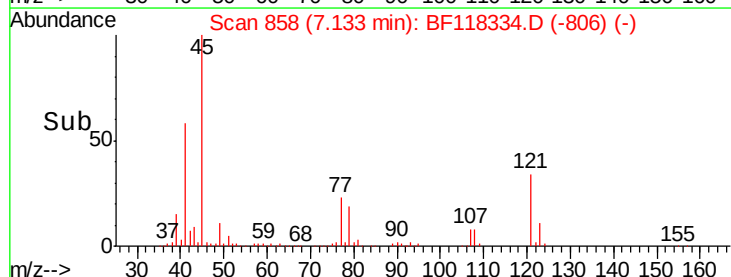
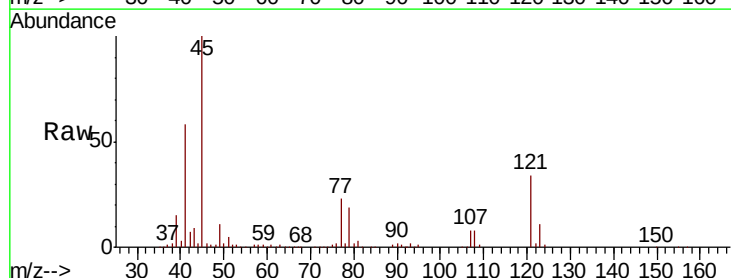
Manual Integrations
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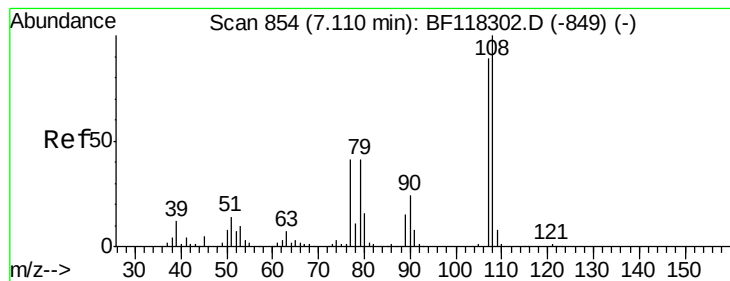
mohammad
12/29/2019 5:27:30 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.664 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion: 45 Resp: 440060
Ion Ratio Lower Upper
45 100
77 23.3 1.2 41.2
79 18.6 0.0 37.0





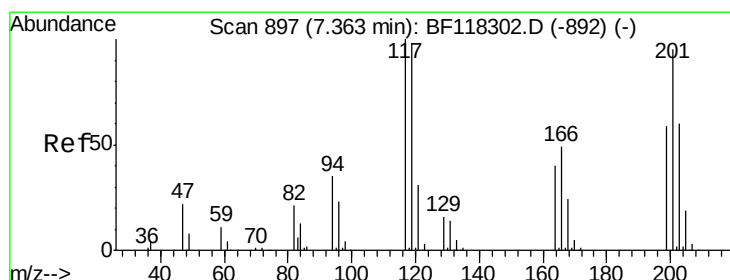
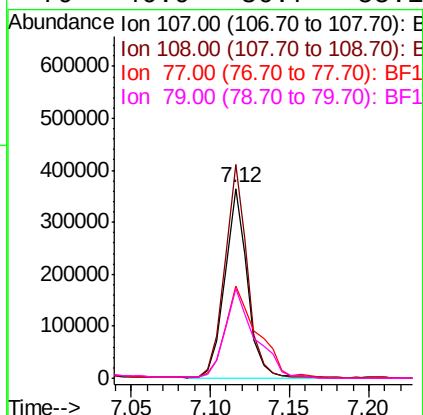
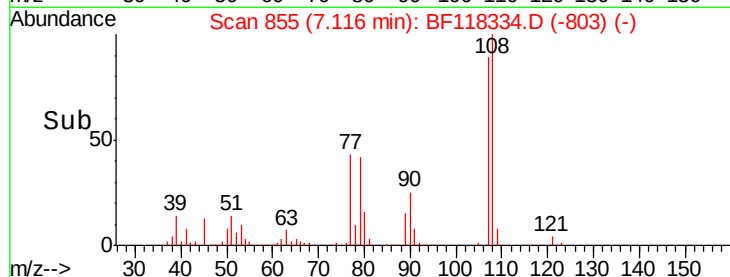
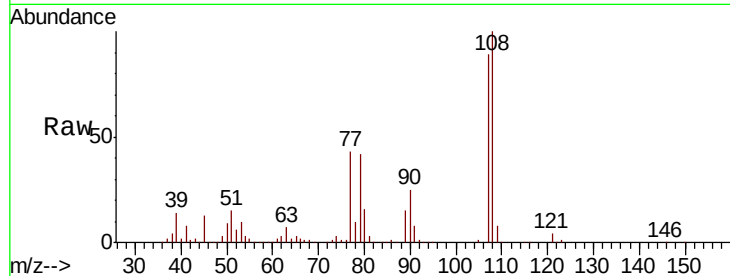
#17
2-Methylphenol
Concen: 36.782 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.7	134.5
77	48.3	37.2	55.8
79	46.9	36.7	55.1

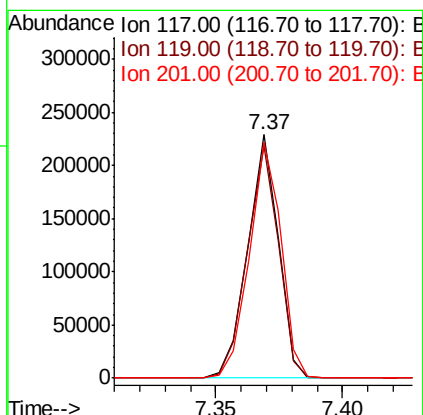
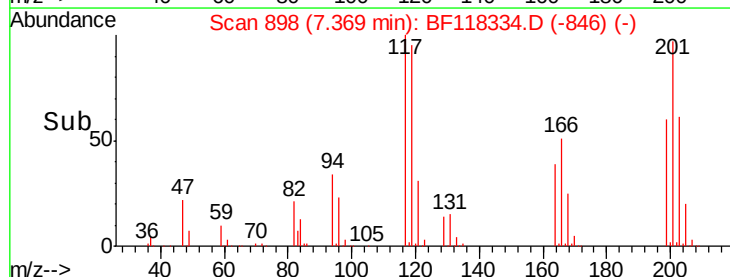
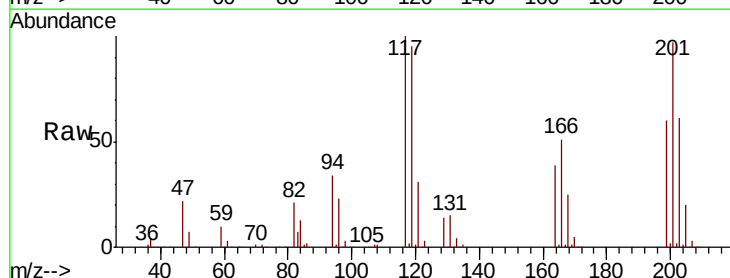
Manual Integrations
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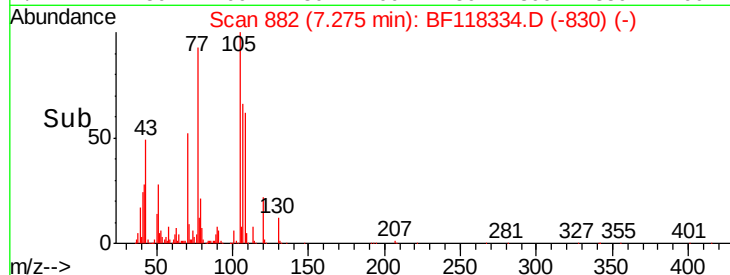
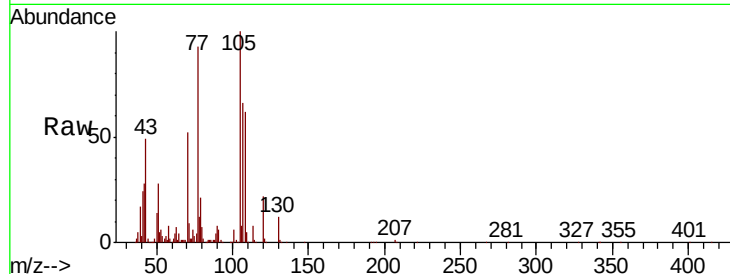
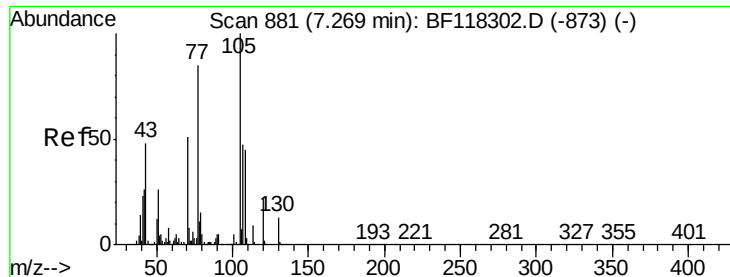
mohammad
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#18
Hexachloroethane
Concen: 37.264 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.0	117.0
201	96.8	76.2	114.2





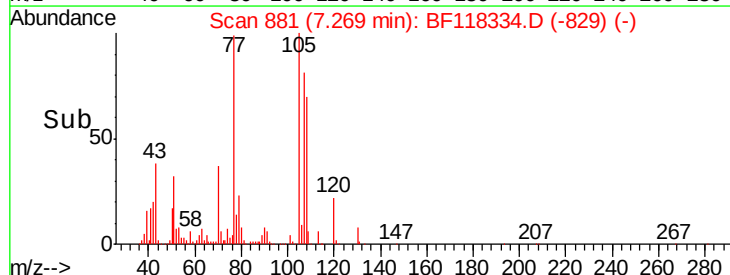
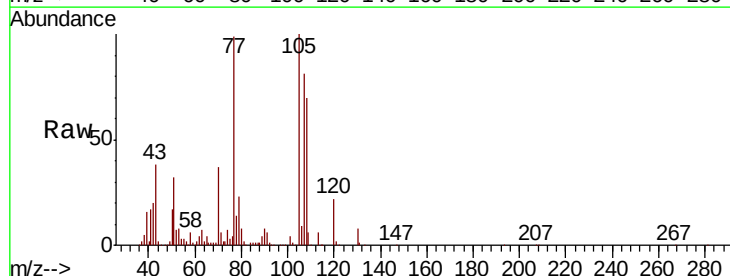
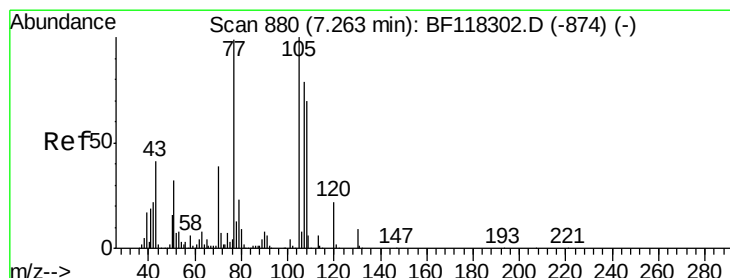
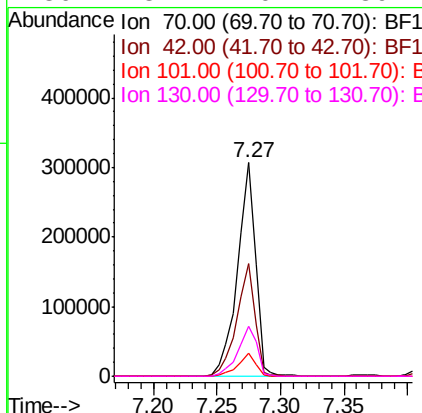
#19
n-Nitroso-di-n-propylamine
Concen: 36.894 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.1	61.7
101	10.7	8.3	12.5
130	23.4	20.1	30.1

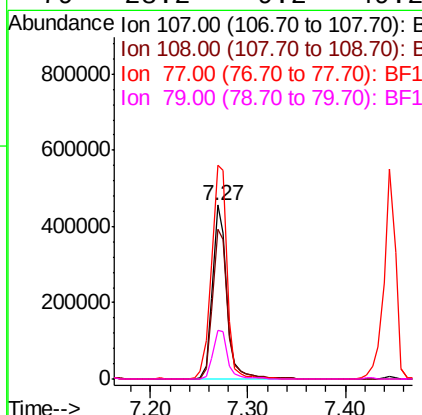
Manual Integrations
APPROVED

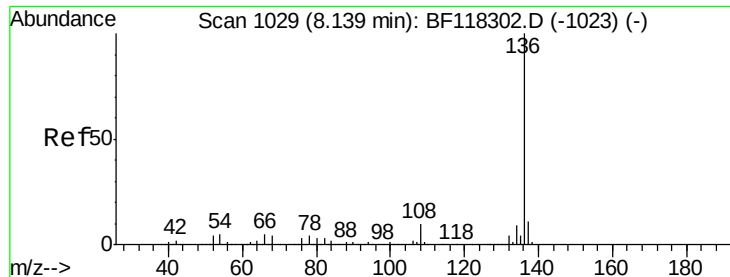
mohammad
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#20
3+4-Methylphenols
Concen: 37.319 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	69.3	109.3
77	122.8	105.9	145.9
79	28.2	9.2	49.2





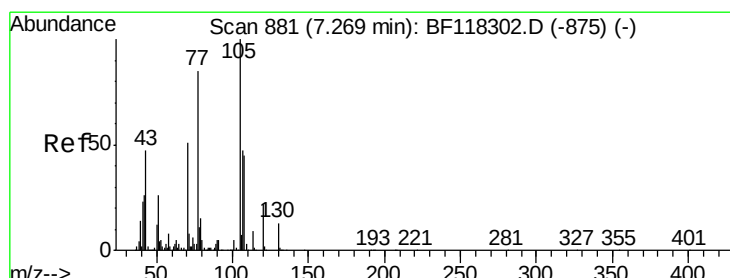
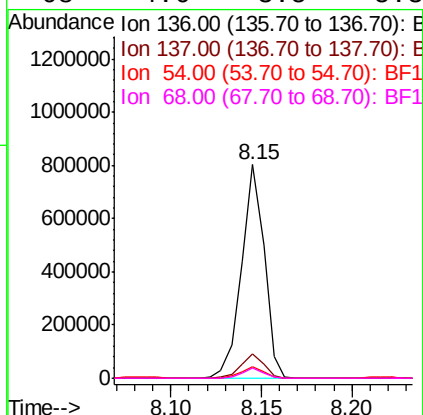
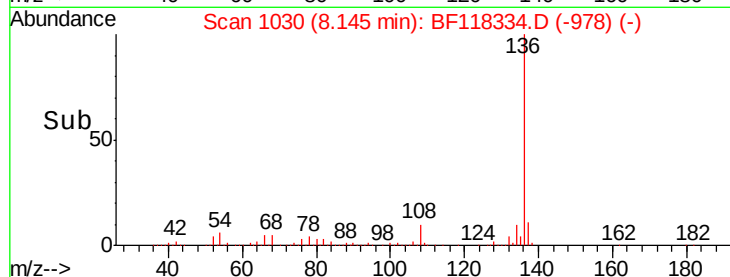
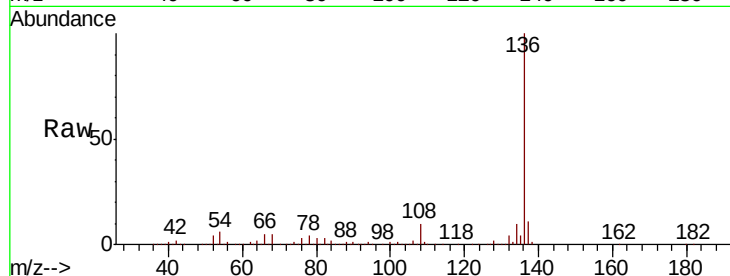
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	5.6	4.2	6.4	
68	4.6	3.5	5.3	

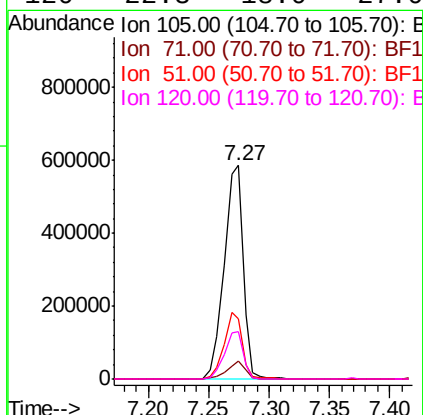
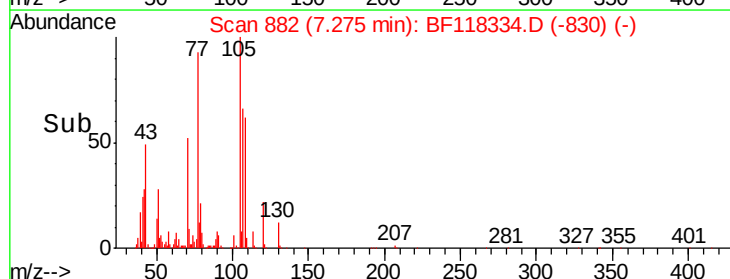
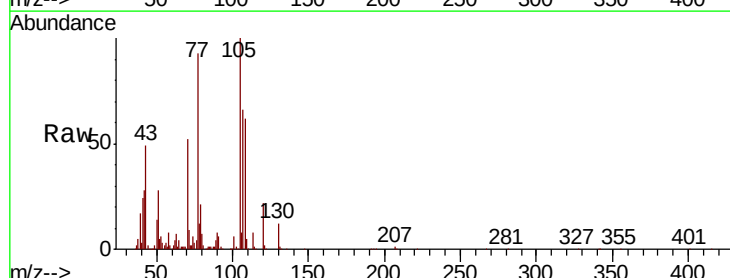
Manual Integrations
APPROVED

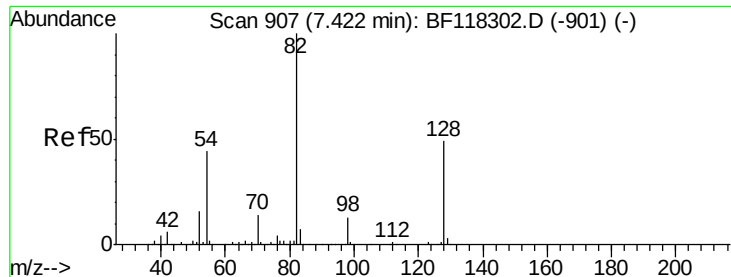
mohammad
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#22
Acetophenone
Concen: 37.249 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	6.6	9.8	
51	28.4	20.6	30.8	
120	22.3	18.0	27.0	





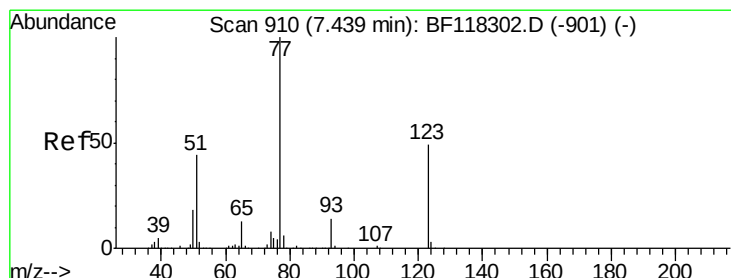
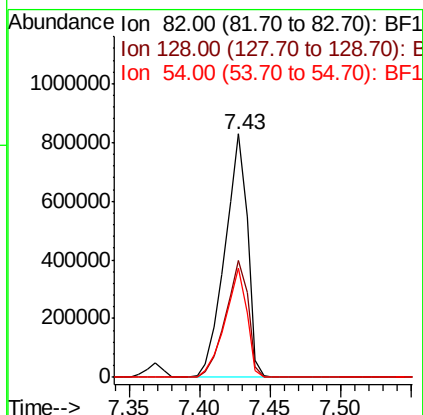
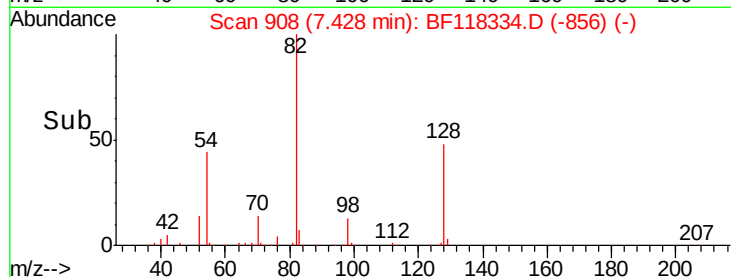
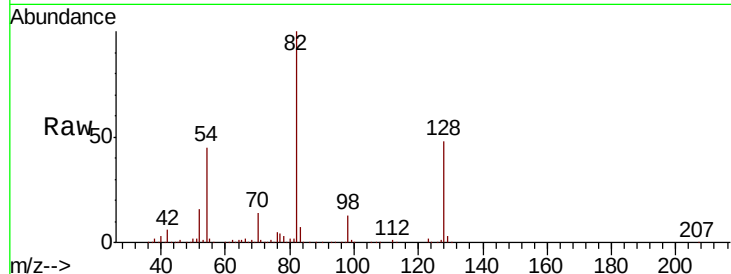
#23
Nitrobenzene-d5
Concen: 75.131 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	925929		
128	48.1	39.6	59.4	
54	44.8	34.9	52.3	

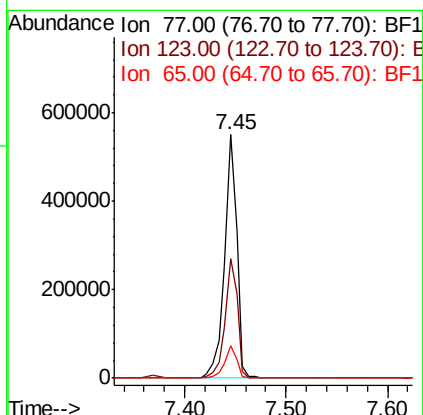
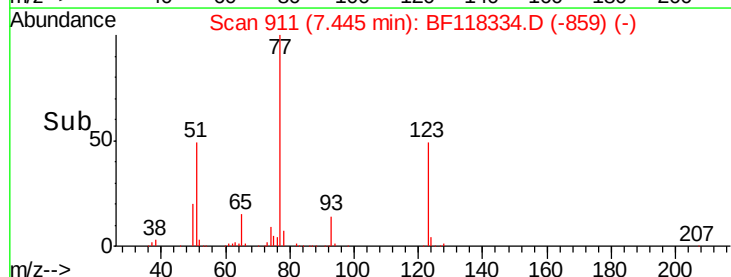
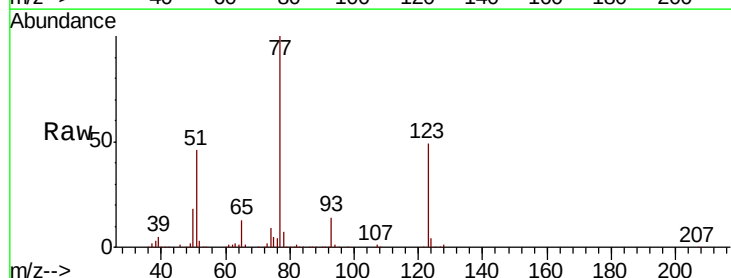
Manual Integrations
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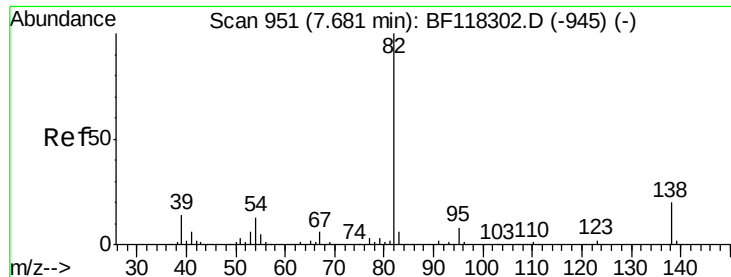
mohammad
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#24
Nitrobenzene
Concen: 37.193 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	459172		
123	49.3	39.1	58.7	
65	13.4	10.6	16.0	





#25

Isophorone

Concen: 37.400 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

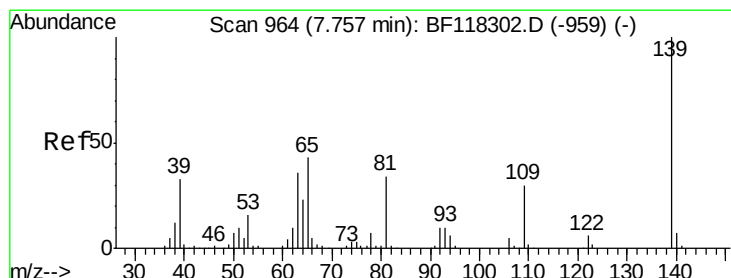
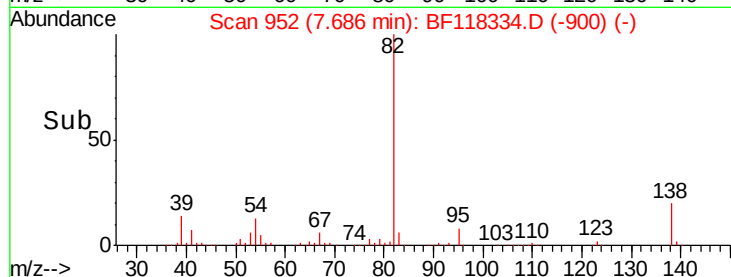
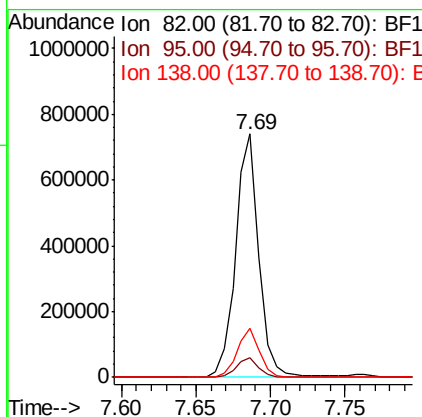
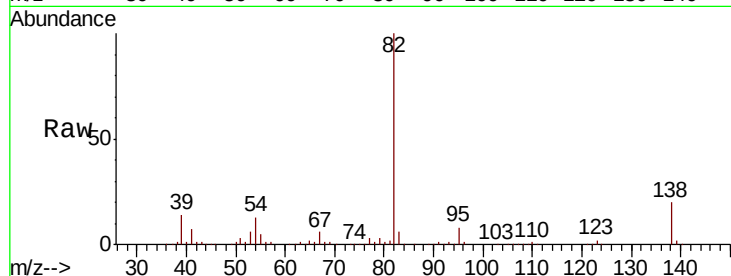
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	803285
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.3	9.5
138	20.1	16.2	24.2

Manual Integrations
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12/29/2019 5:27:30 PM



#26

2-Nitrophenol

Concen: 38.562 ng

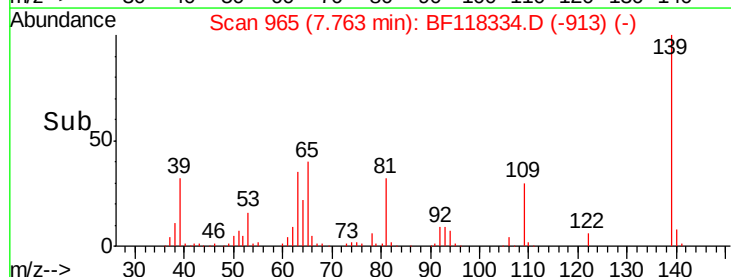
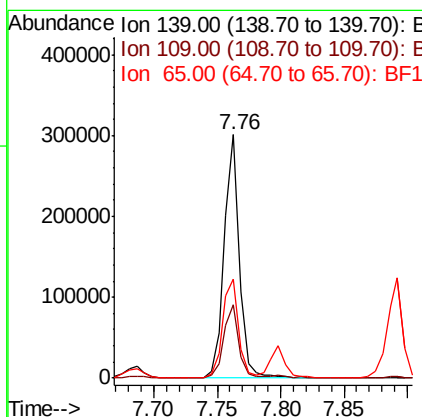
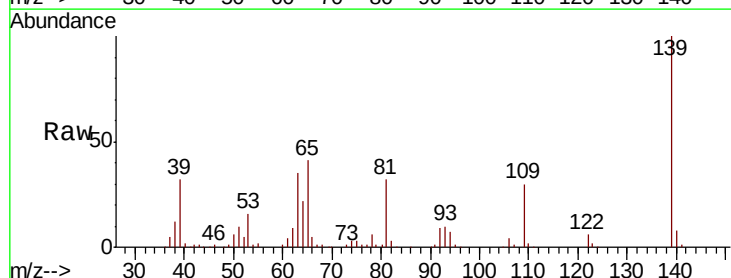
RT: 7.76 min Scan# 965

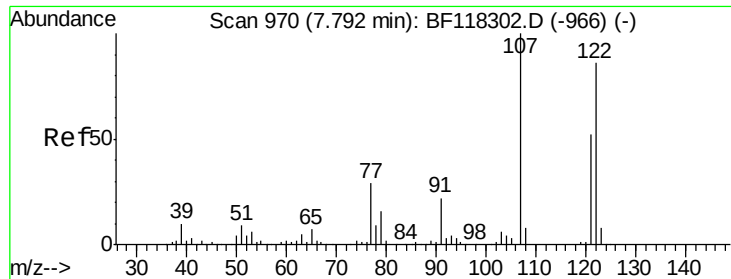
Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:	139	Resp:	252162
Ion Ratio		Lower	Upper
139	100		
109	29.9	24.1	36.1
65	40.8	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 37.293 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

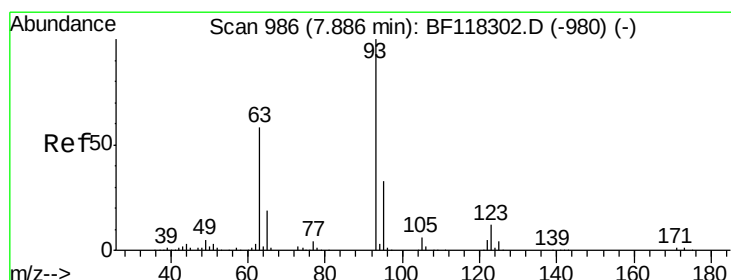
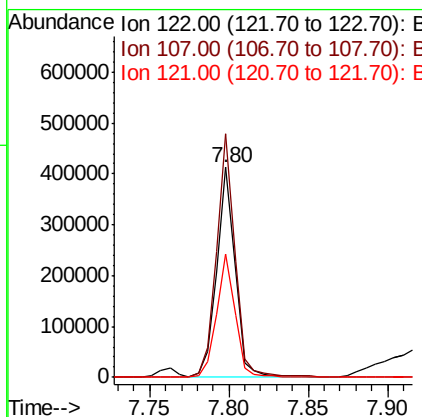
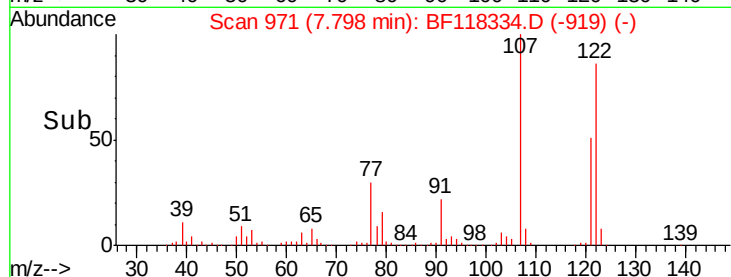
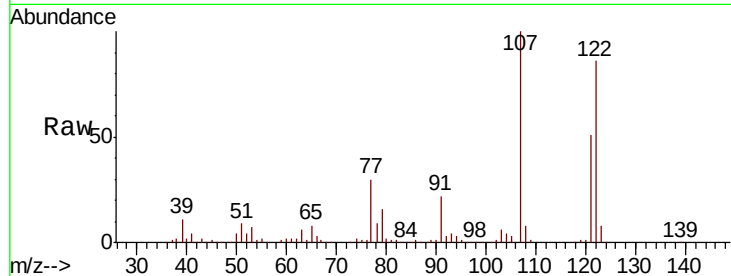
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	332717
Ion Ratio	Lower	Upper	
122	100		
107	115.9	92.9	139.3
121	58.8	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 38.259 ng

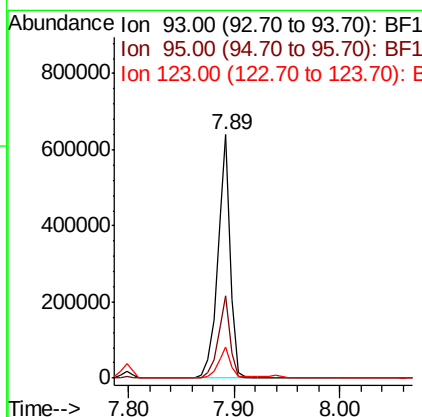
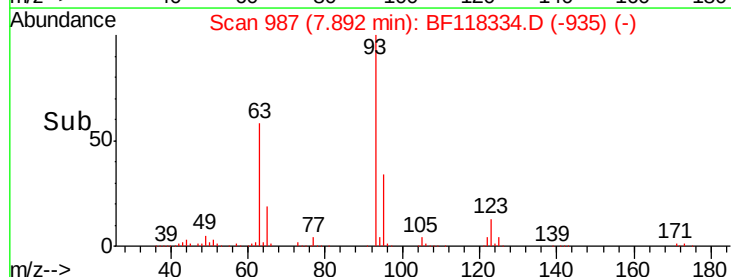
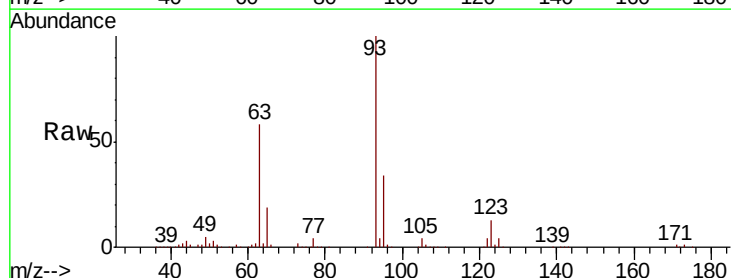
RT: 7.89 min Scan# 987

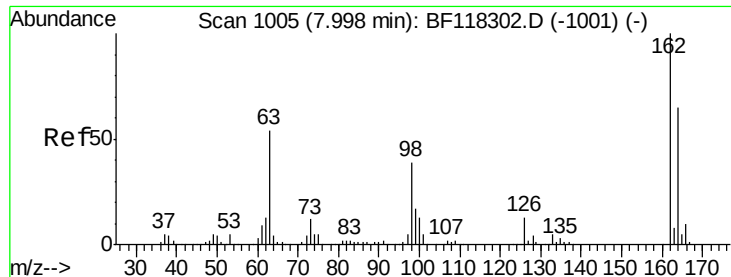
Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:	93	Resp:	537423
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.2	39.4
123	12.6	9.8	14.8





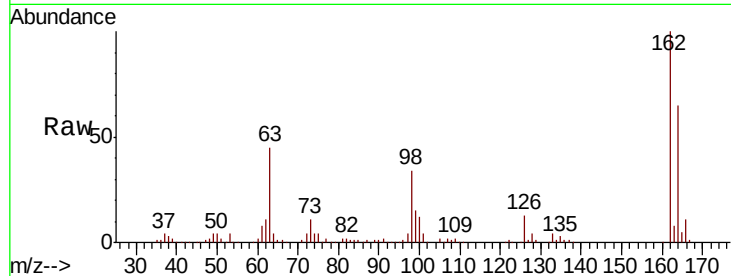
#29
 2,4-Dichlorophenol
 Concen: 38.177 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	392039		
164	64.8	45.1	85.1	
98	33.6	18.6	58.6	

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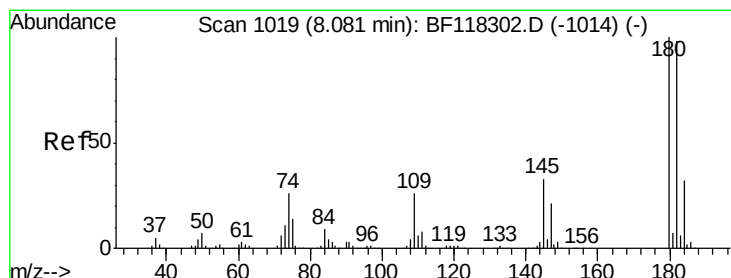
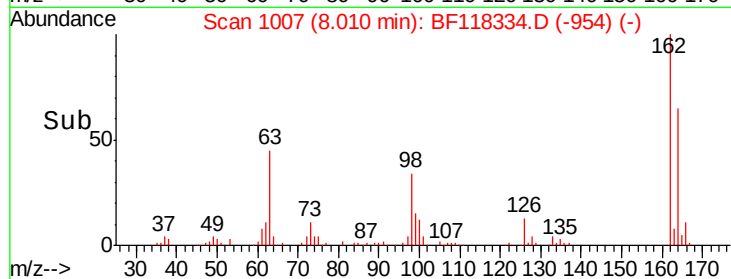
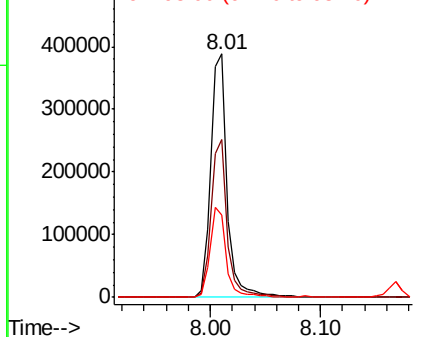


Abundance

Ion 162.00 (161.70 to 162.70): E

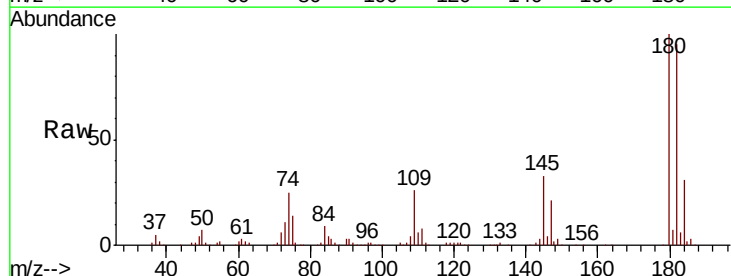
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.968 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	454185		
182	95.3	78.3	117.5	
145	32.6	26.7	40.1	

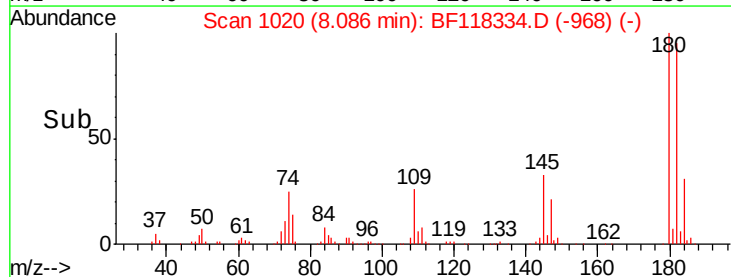
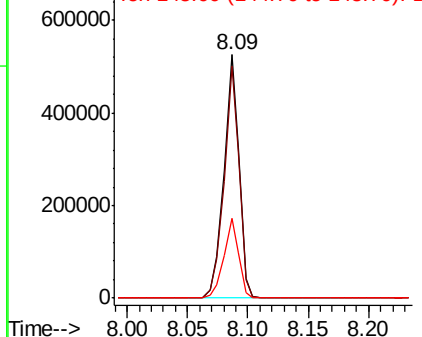


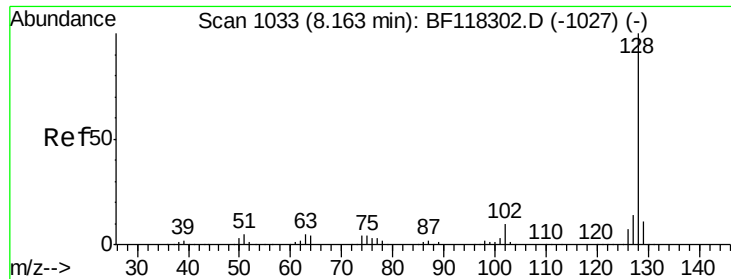
Abundance

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





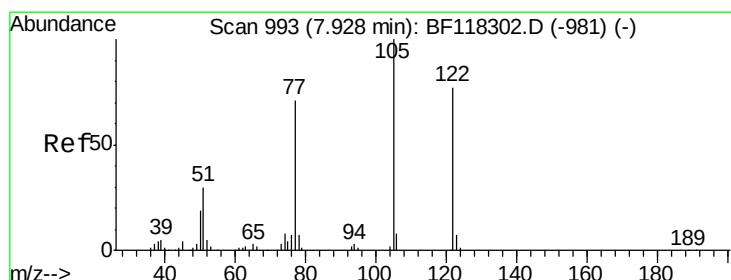
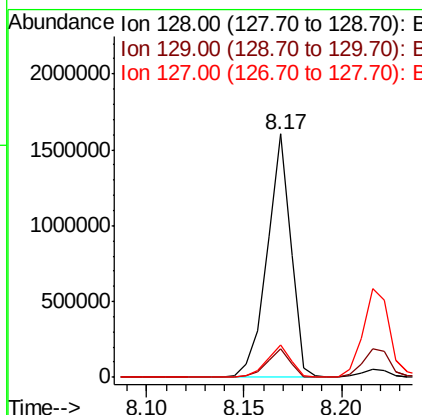
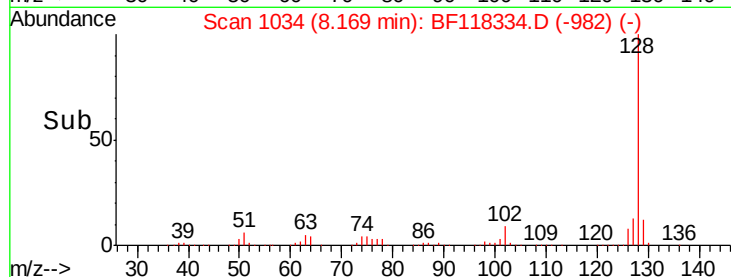
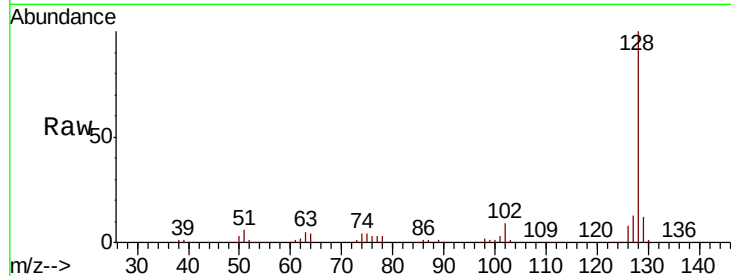
#31
Naphthalene
Concen: 37.722 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.3	11.0	16.4

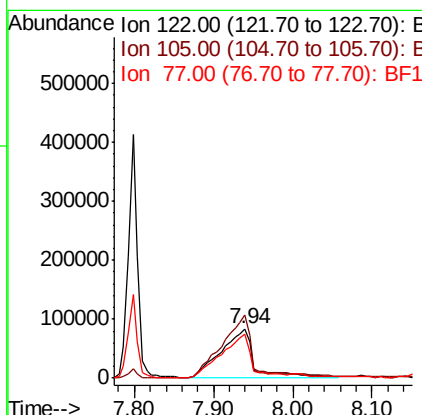
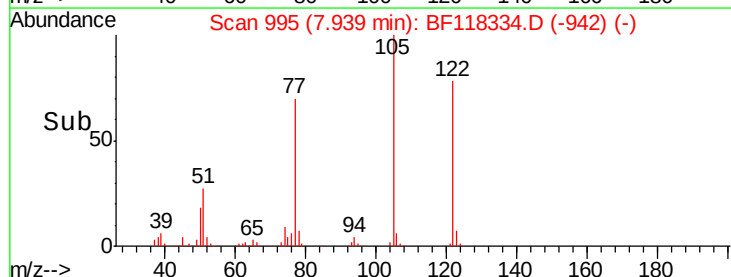
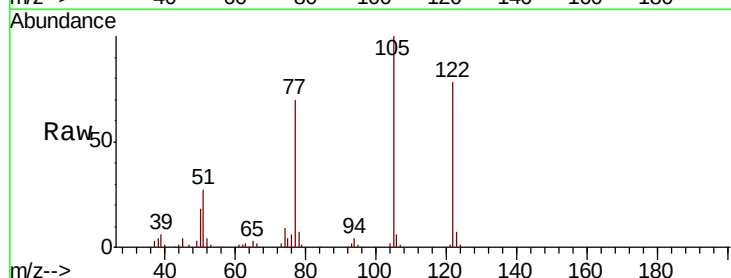
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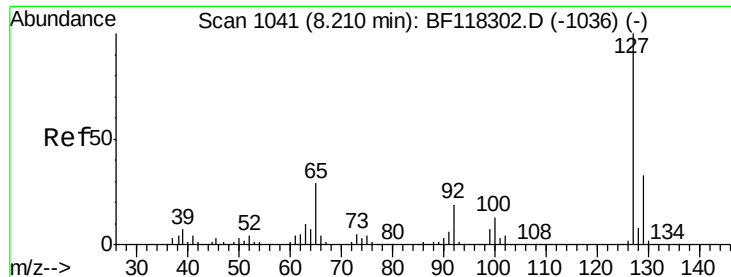
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#32
Benzoic acid
Concen: 33.535 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	106.8	146.8
77	89.4	70.4	110.4





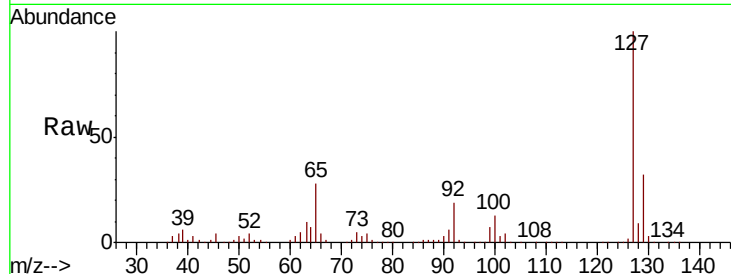
#33
4-Chloroaniline
Concen: 37.308 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

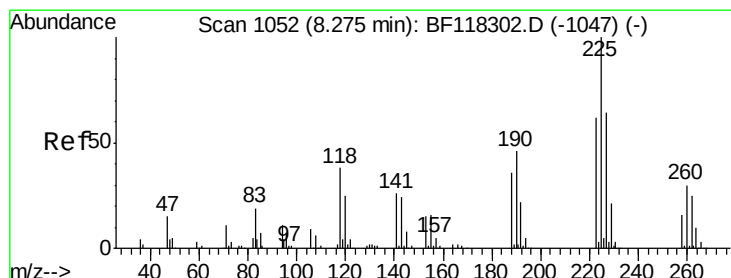
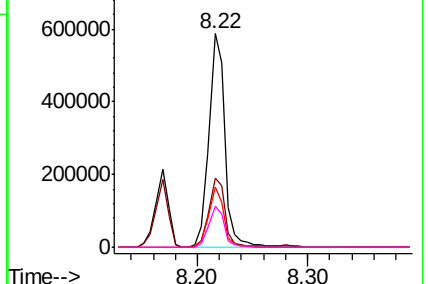
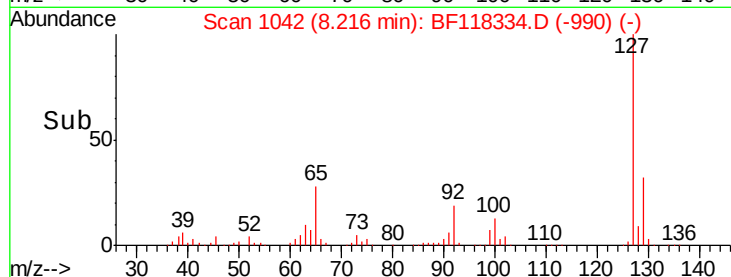
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		573009		
129	32.1	26.5	39.7		
65	28.2	22.8	34.2		
92	19.3	15.5	23.3		

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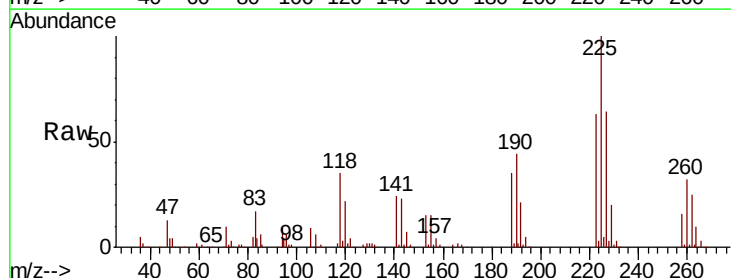


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

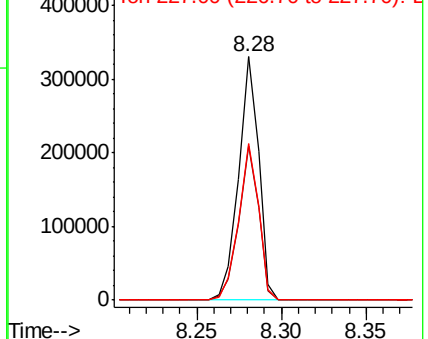
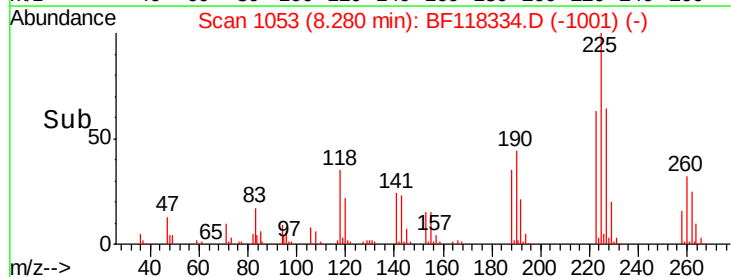


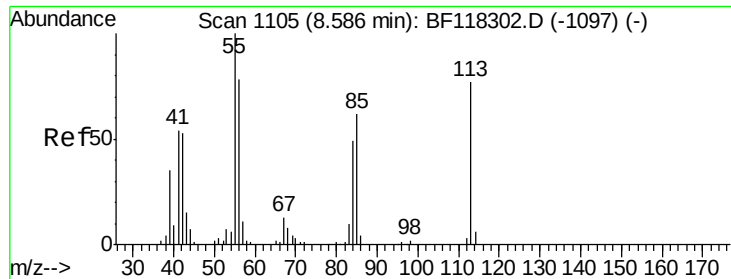
#34
Hexachlorobutadiene
Concen: 38.391 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		273368		
223	63.3	49.5	74.3		
227	64.4	51.0	76.4		



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





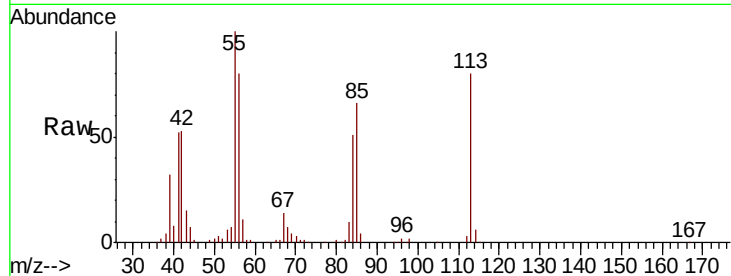
#35
Caprolactam
Concen: 36.415 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	125.2	109.8	149.8
56	100.6	81.7	121.7

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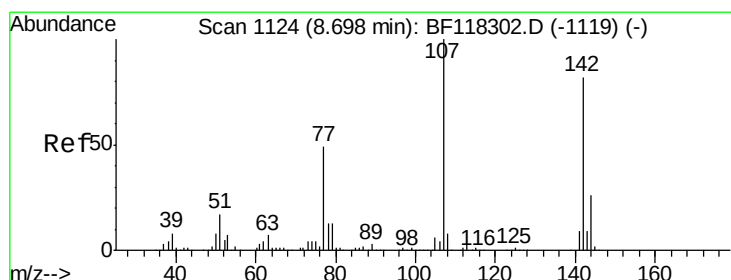
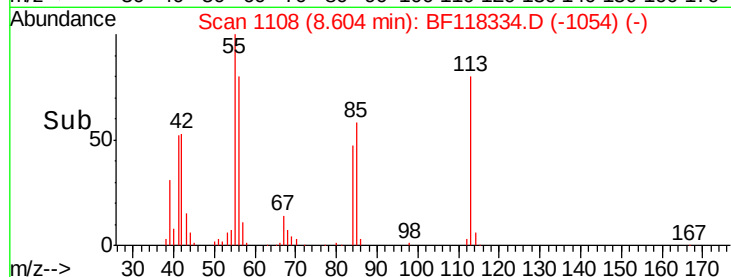
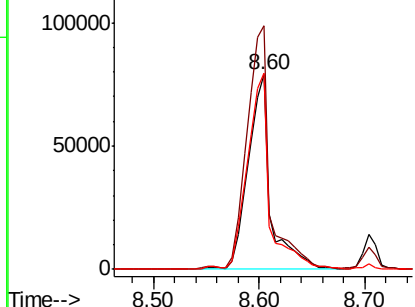
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Abundance Ion 113.00 (112.70 to 113.70): E

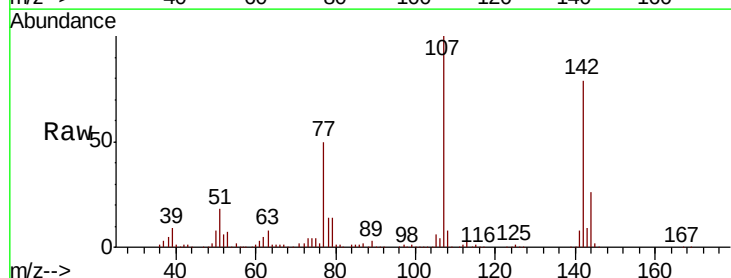
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 36.602 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

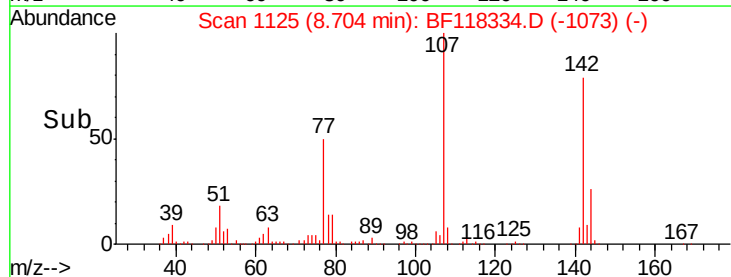
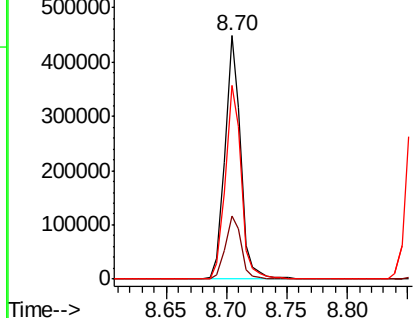
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.2	31.8
142	79.3	65.4	98.2

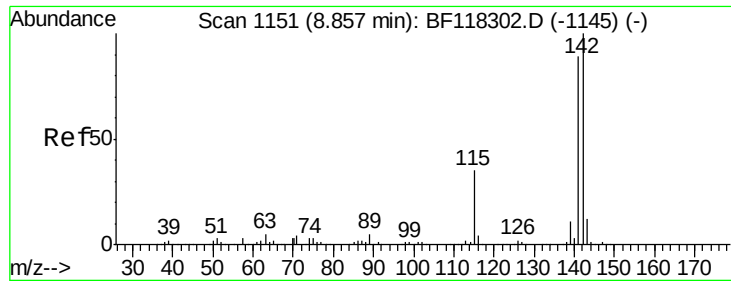


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





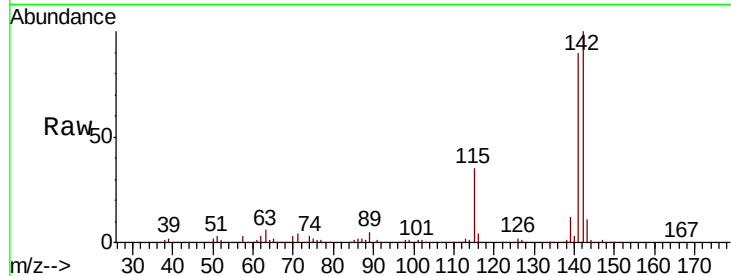
#37
2-Methylnaphthalene
Concen: 37.232 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	34.8	28.0	42.0

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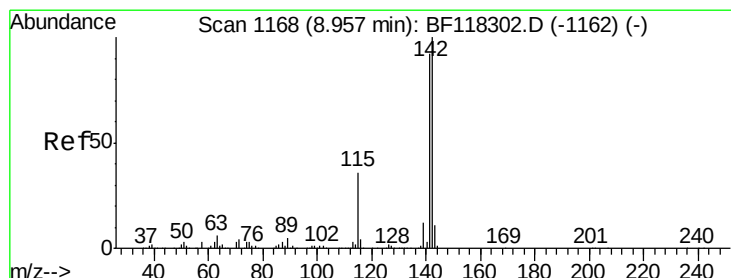
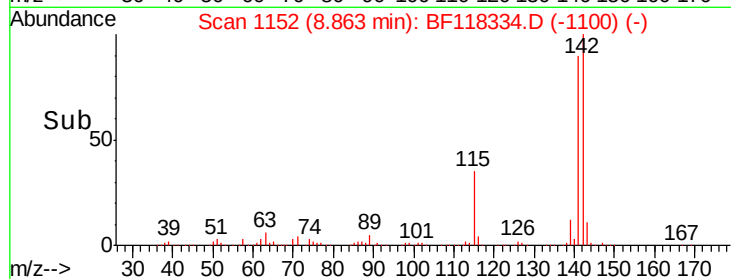
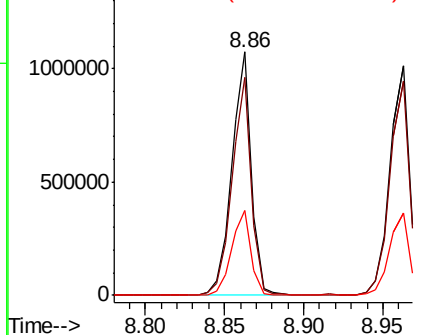


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.236 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

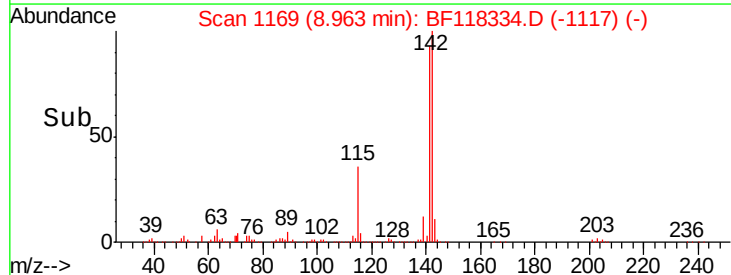
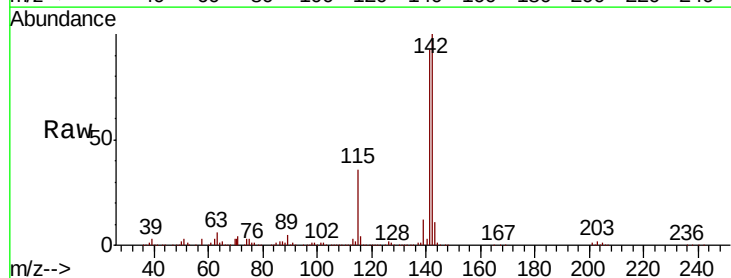
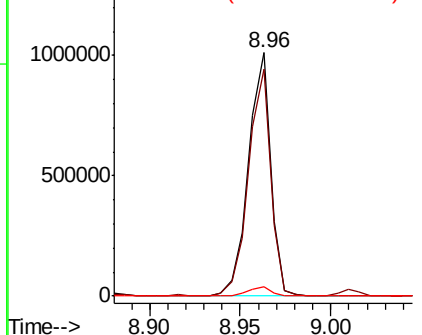
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.4	110.2
116	3.7	2.9	4.3

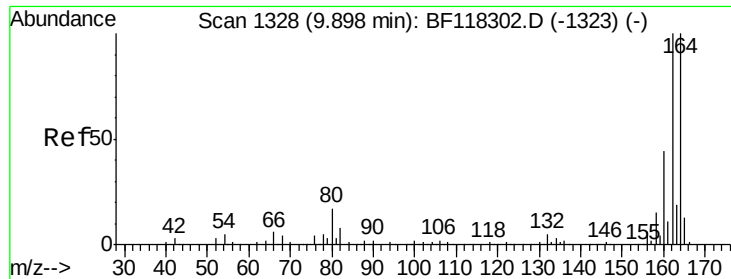
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

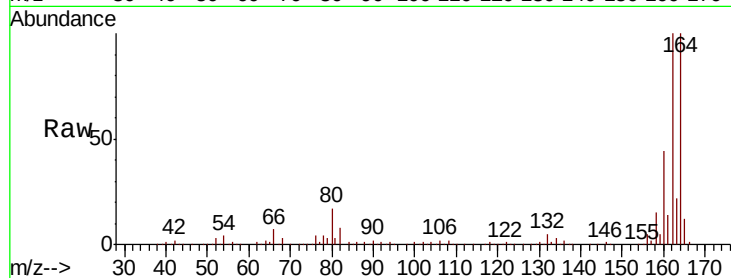
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	373548
Ion Ratio	Lower	Upper	
164	100		
162	100.3	80.0	120.0
160	43.9	34.8	52.2

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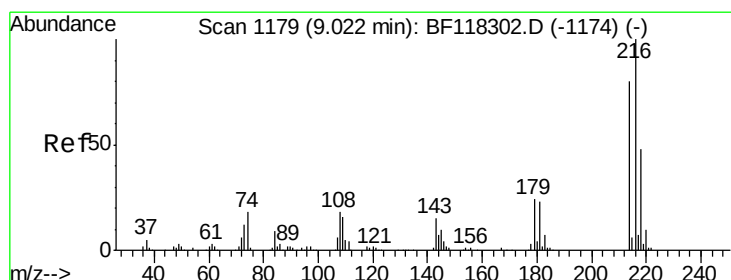
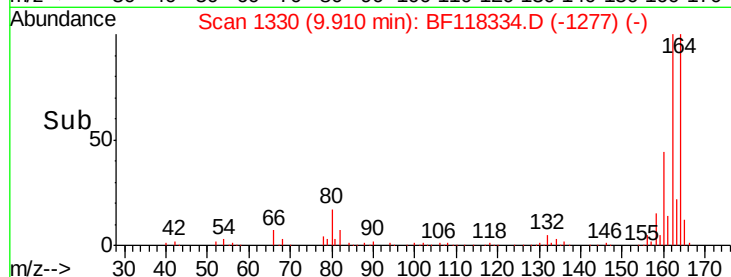
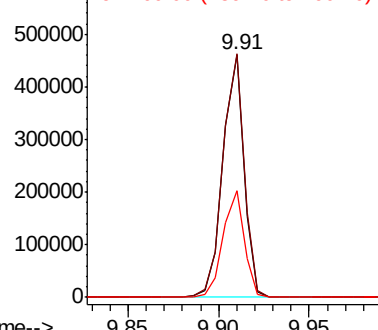


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.918 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:	216	Resp:	425568
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.3	94.9
179	23.3	18.9	28.3
108	18.8	15.0	22.6

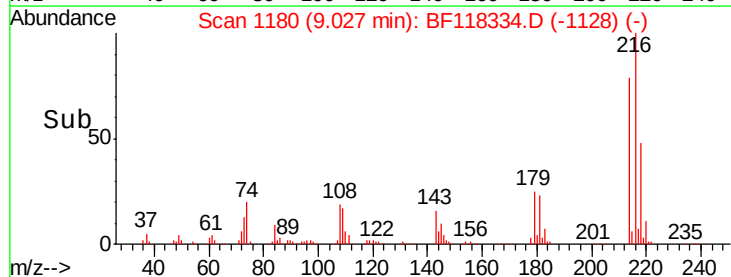
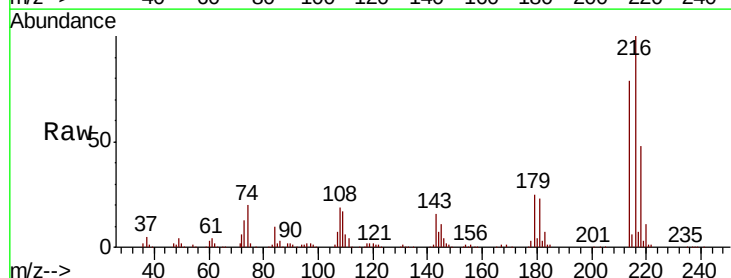
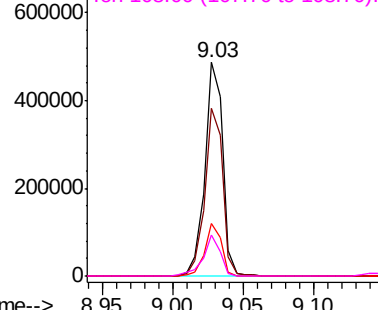
Abundance

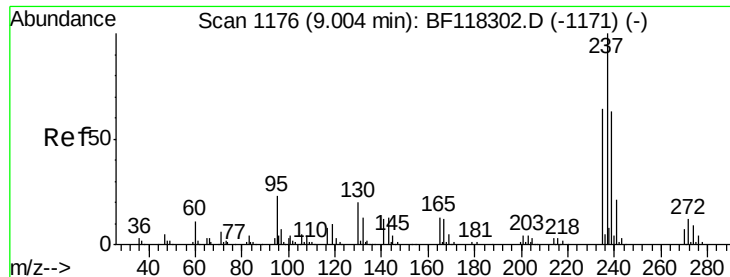
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.626 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

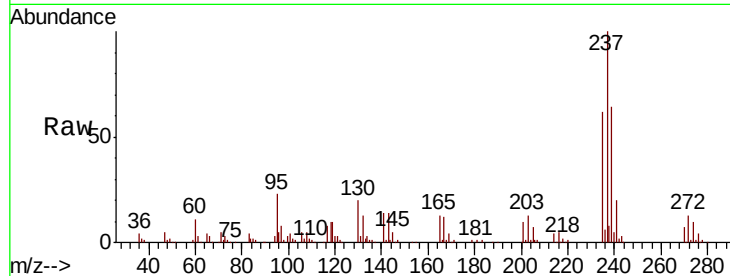
ClientSampleId :

SSTDCCC040

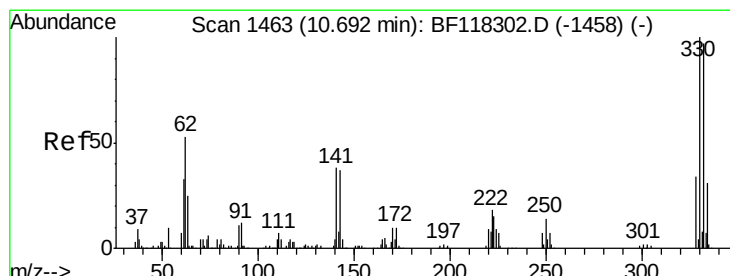
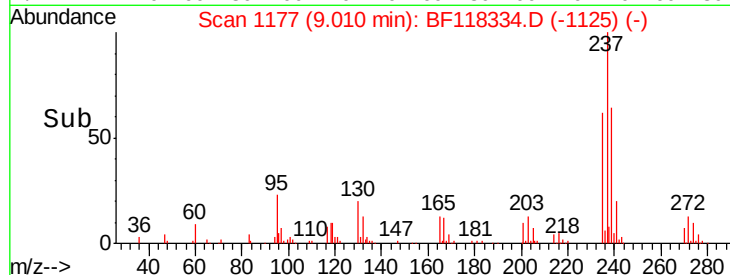
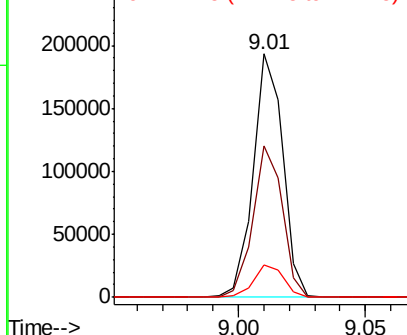
Tot Ion:	237	Resp:	157644
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.8	83.8
272	13.3	0.0	31.7

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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: 74.346 ng

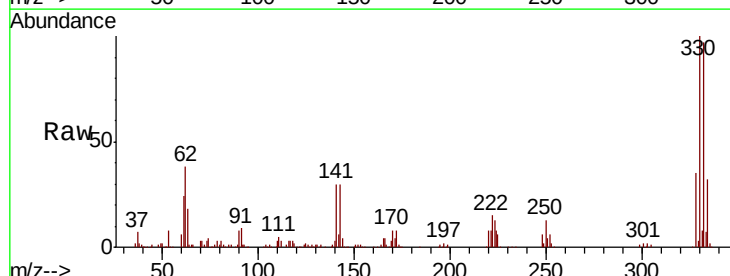
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

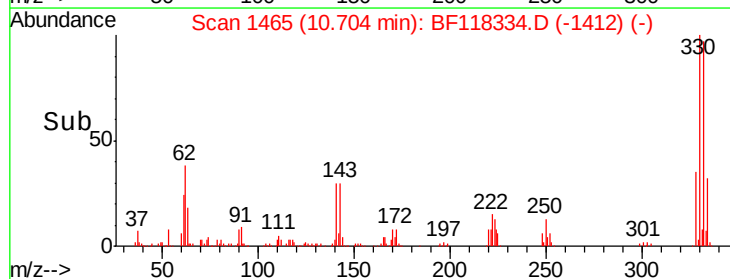
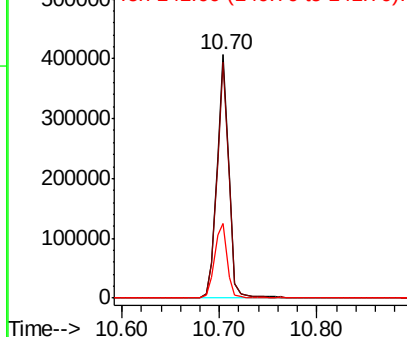
Lab File: BF118334.D

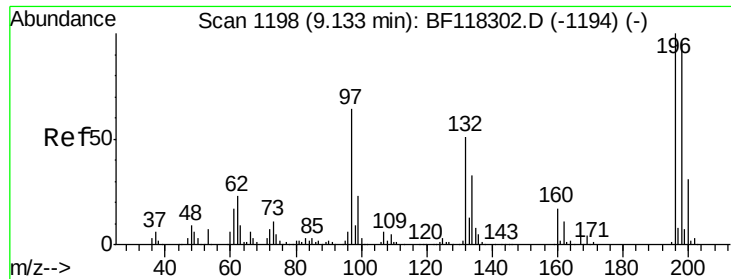
Acq: 27 Dec 2019 13:00

Tgt Ion:	330	Resp:	342963
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.6	114.8
141	32.3	26.0	39.0



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





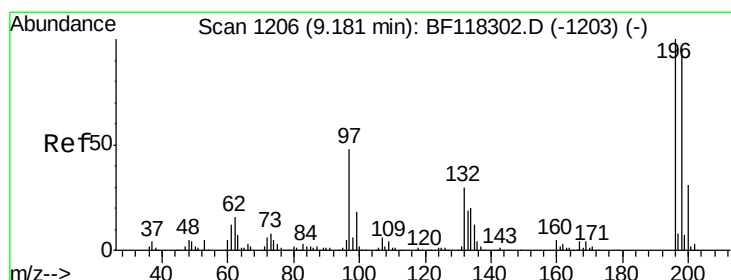
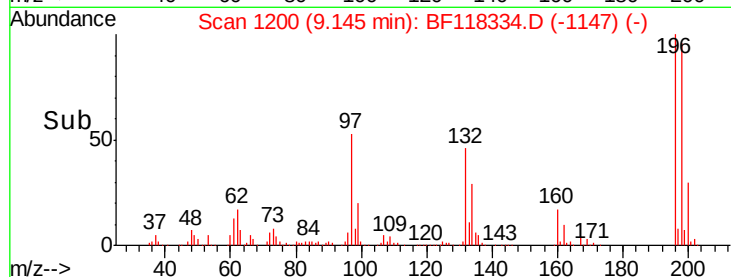
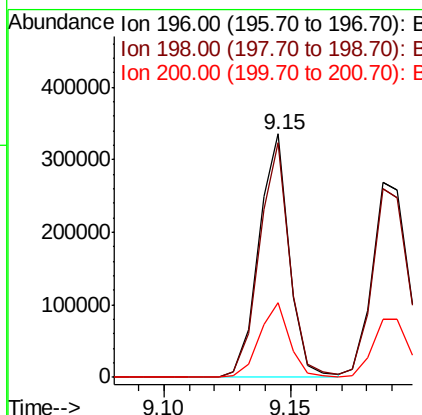
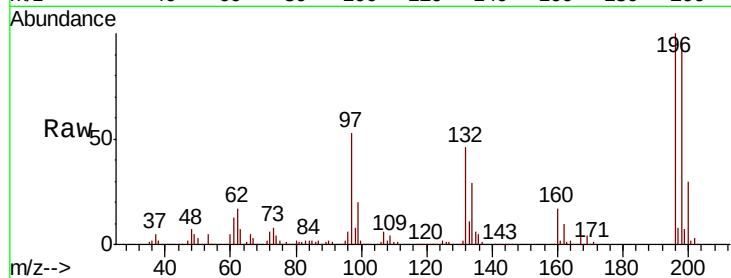
#43
 2,4,6-Trichlorophenol
 Concen: 37.394 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	280382
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.7	115.1
200	30.5	24.8	37.2

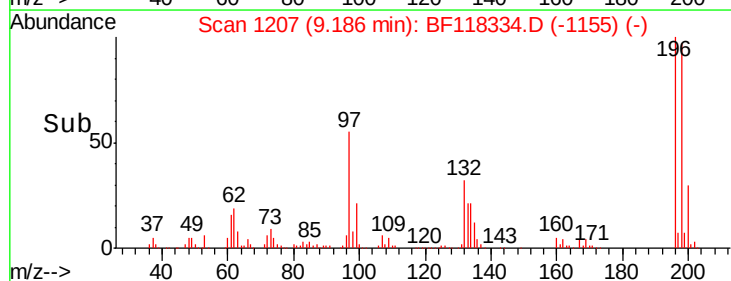
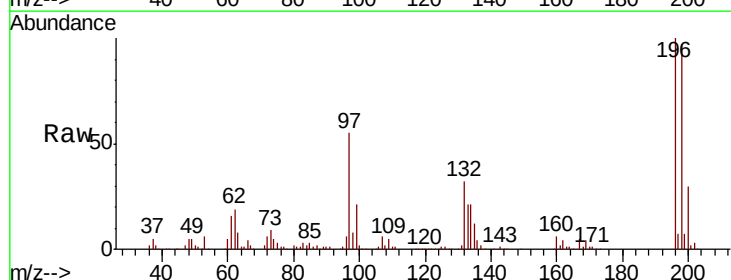
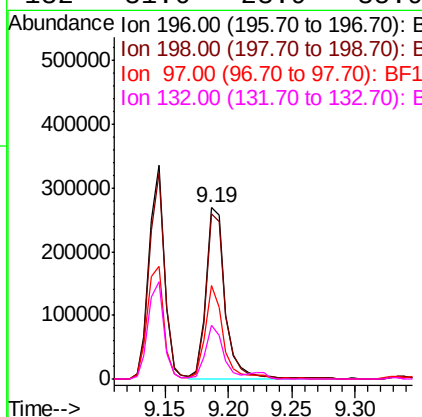
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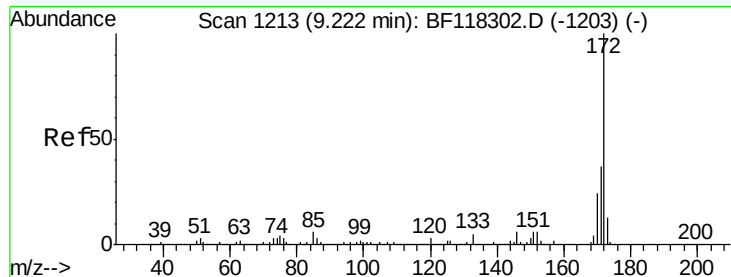
mohammad
 12/29/2019 5:27:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.269 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion:	196	Resp:	287467
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.0	115.4
97	54.6	38.9	58.3
132	31.6	23.9	35.9





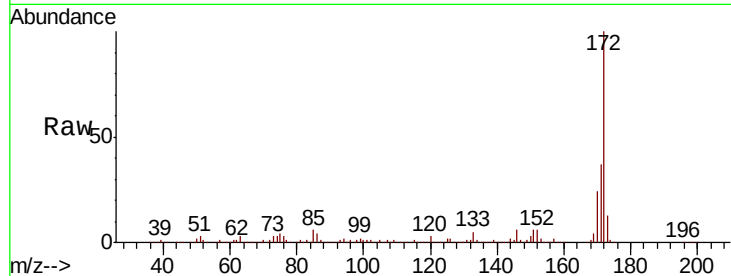
#45
2-Fluorobiphenyl
Concen: 75.830 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	24.1	19.2	28.8

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12/29/2019 5:27:30 PM

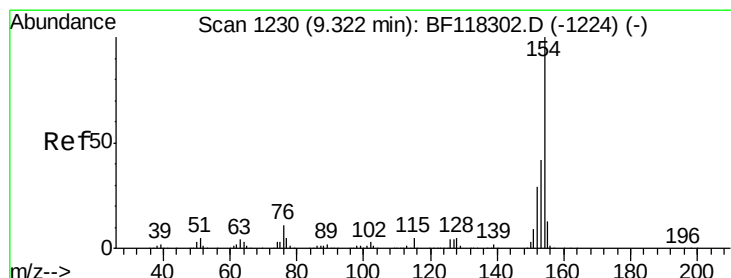
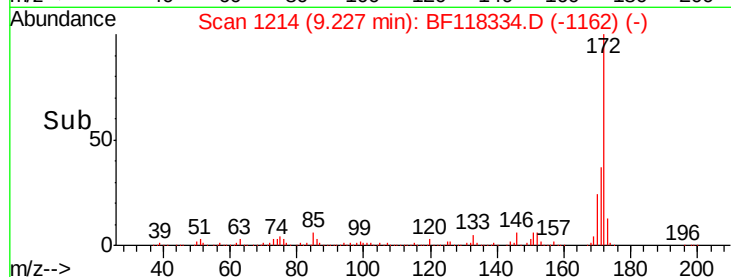
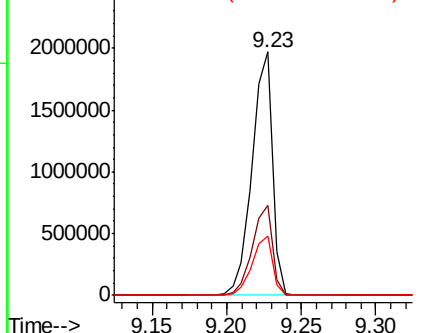


Abundance

Ion 172.00 (171.70 to 172.70): E

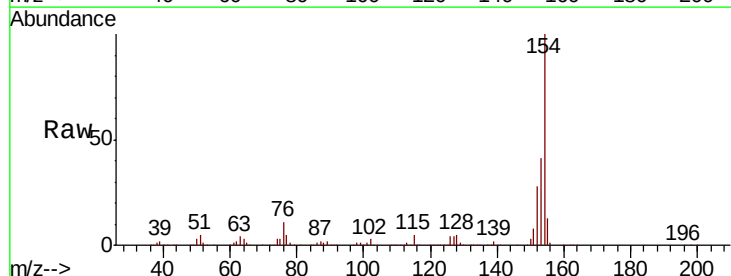
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.036 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.8	61.8
76	11.3	0.0	30.9

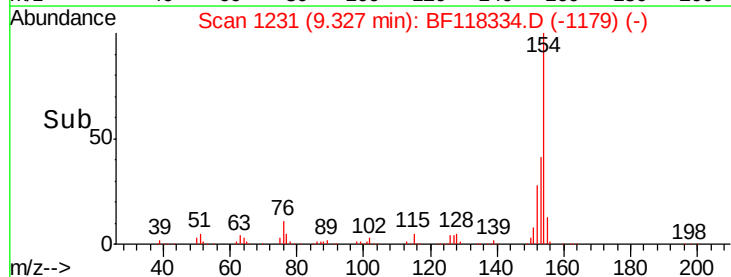
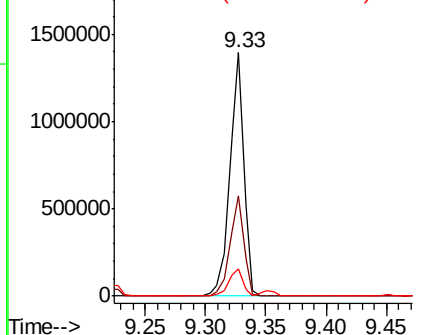


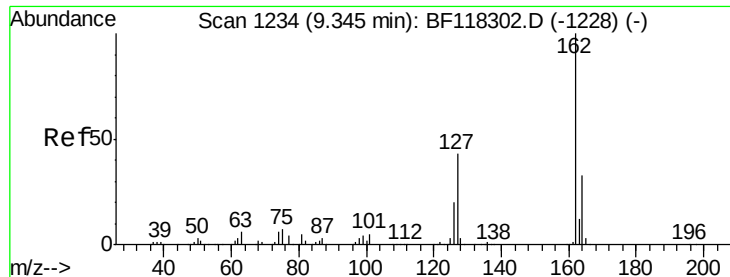
Abundance

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





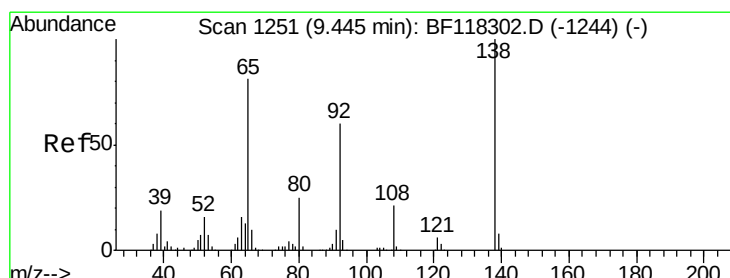
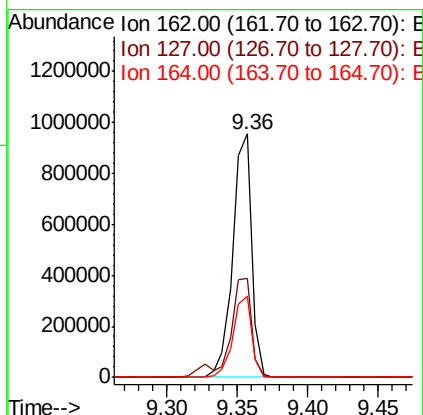
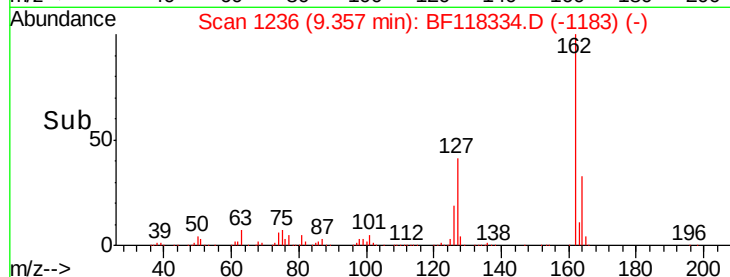
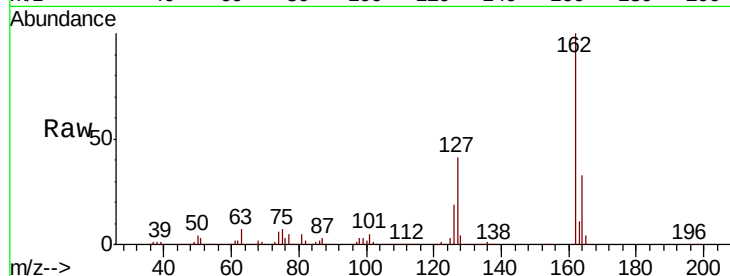
#47
2-Chloronaphthalene
Concen: 37.544 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	35.0	52.4
164	33.2	26.6	40.0

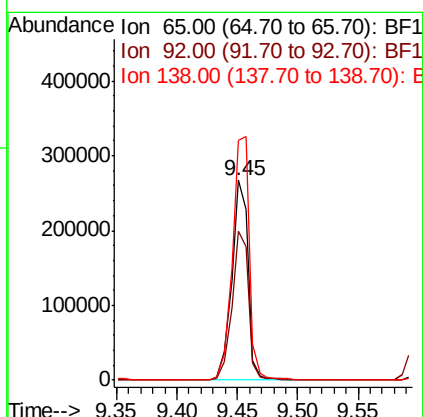
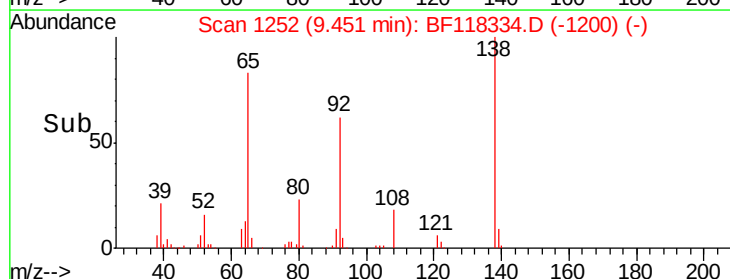
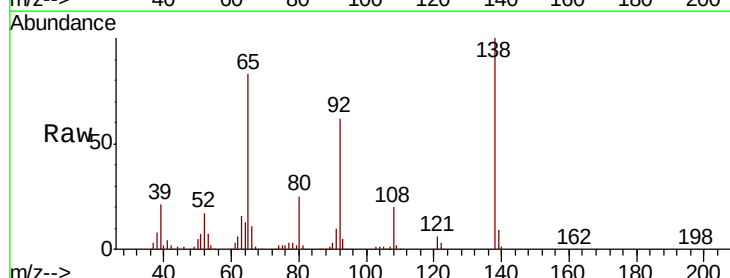
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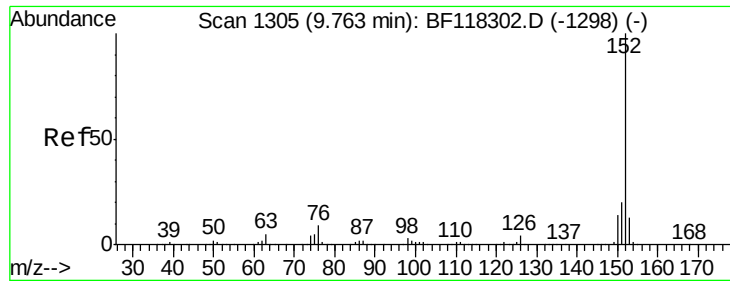
mohammad
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#48
2-Nitroaniline
Concen: 37.545 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	58.7	88.1
138	120.0	98.5	147.7





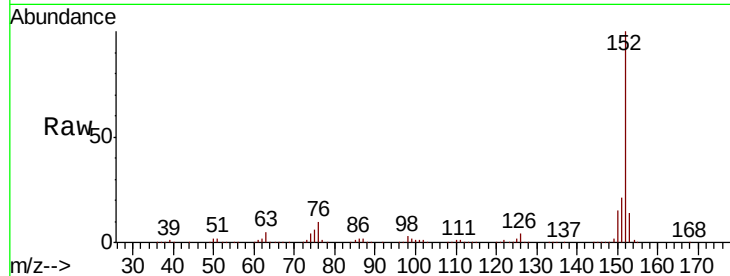
#49
Acenaphthylene
Concen: 37.476 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

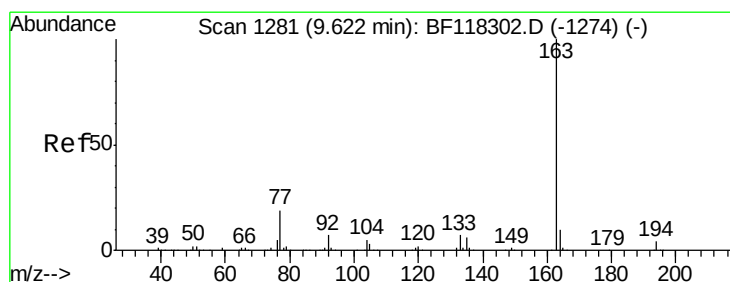
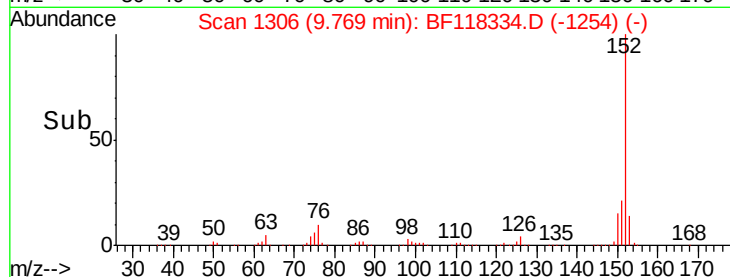
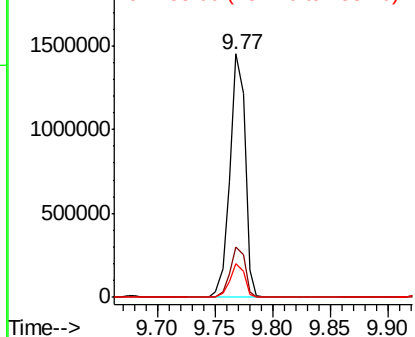
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	13.7	10.5	15.7

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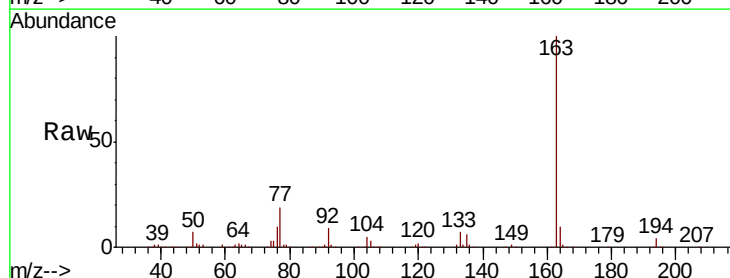


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

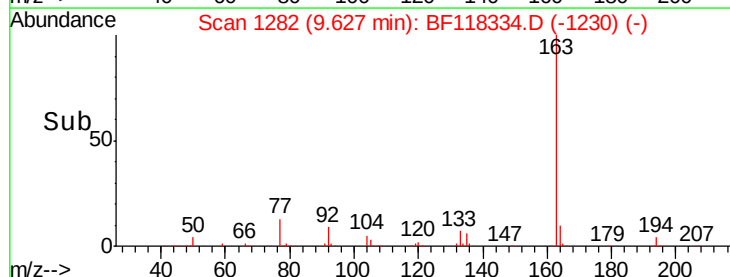
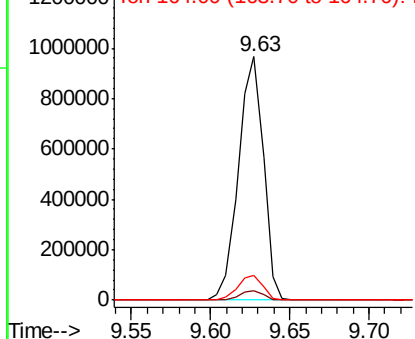


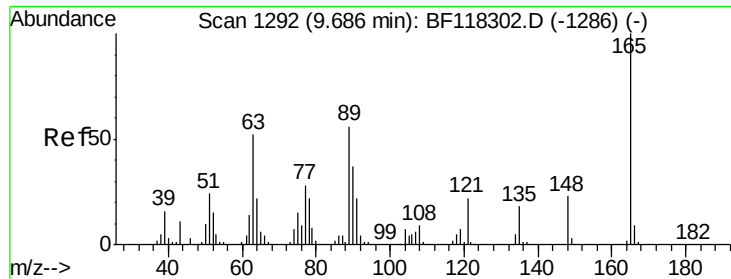
#50
Dimethylphthalate
Concen: 37.445 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	7.9	11.9



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: 37.462 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

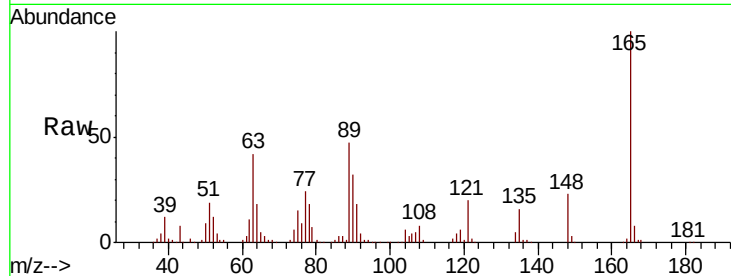
ClientSampleId :

SSTDCCC040

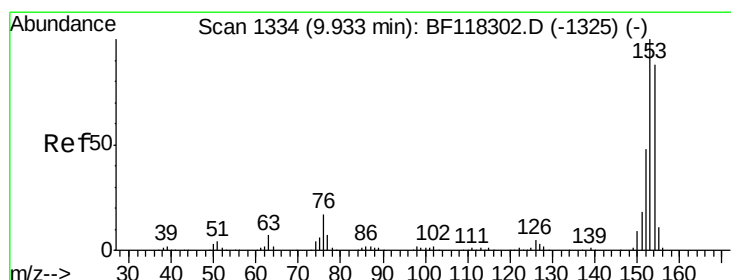
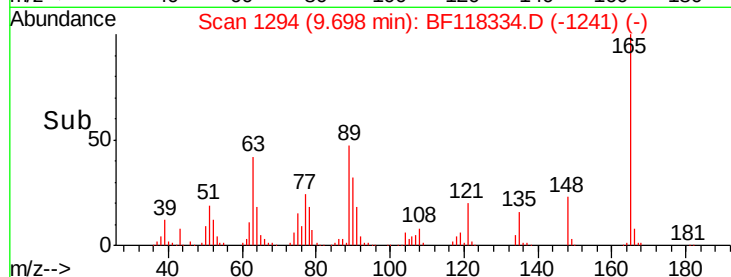
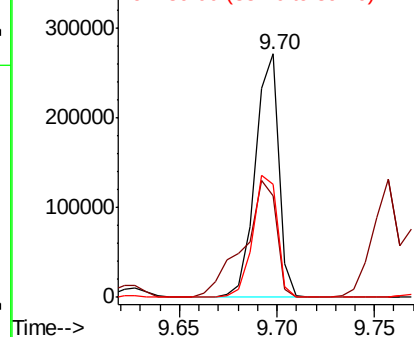
Tot Ion:	165	Resp:	226463
Ion Ratio	Lower	Upper	
165	100		
63	41.7	42.2	63.4#
89	46.5	44.4	66.6

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12/29/2019 5:27:30 PM



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



#52

Acenaphthene

Concen: 37.511 ng

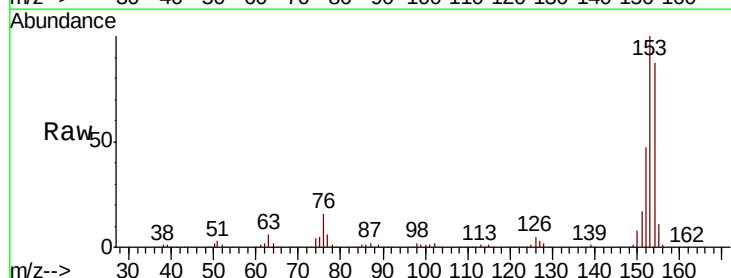
RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

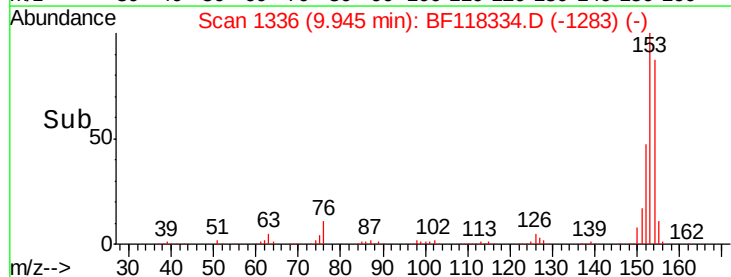
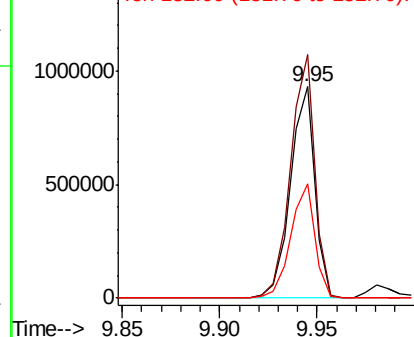
Lab File: BF118334.D

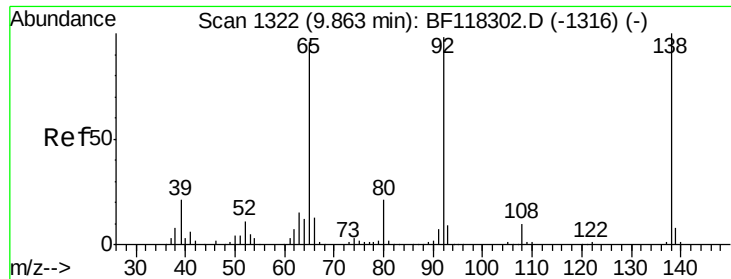
Acq: 27 Dec 2019 13:00

Tgt Ion:	154	Resp:	805788
Ion Ratio	Lower	Upper	
154	100		
153	115.4	90.6	136.0
152	54.2	43.1	64.7



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





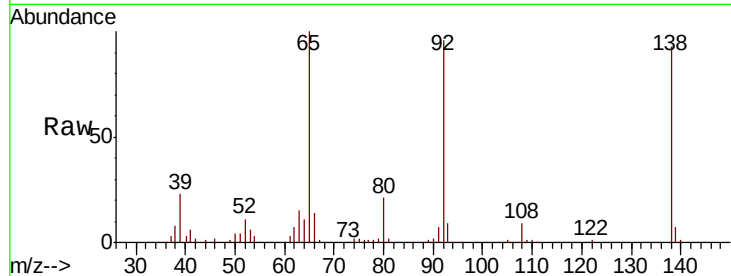
#53
3-Nitroaniline
Concen: 37.206 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	103.0	78.2	117.2

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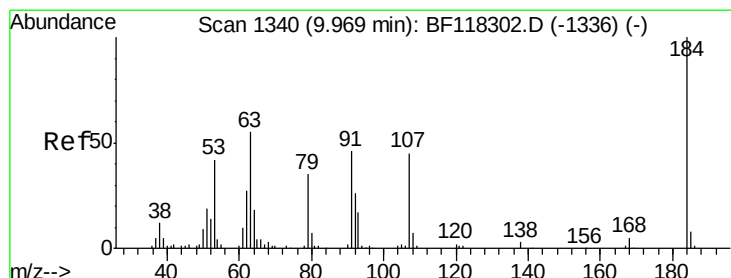
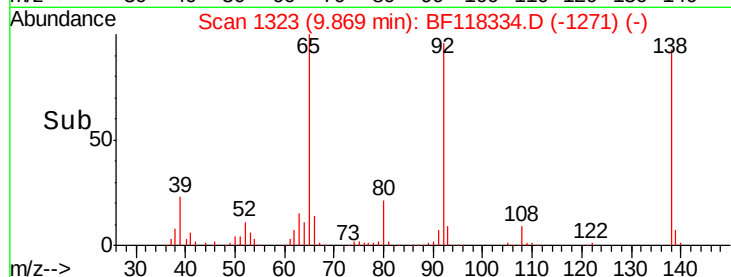
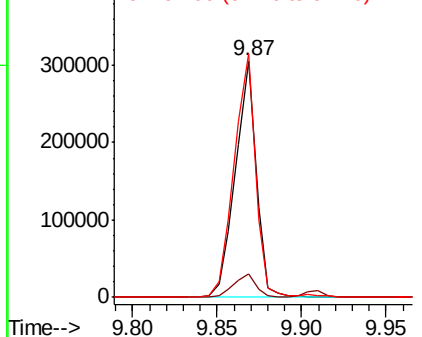


Abundance

Ion 138.00 (137.70 to 138.70): E

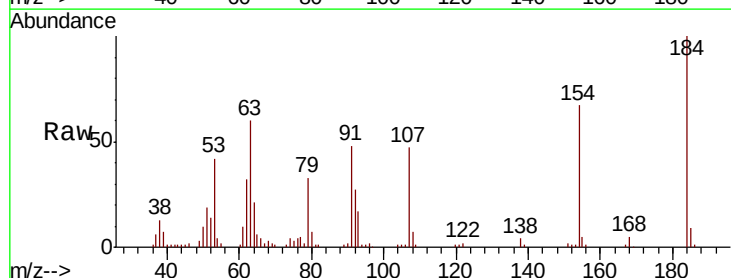
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 33.834 ng m
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.2	48.8	73.2
154	66.8	55.0	82.4

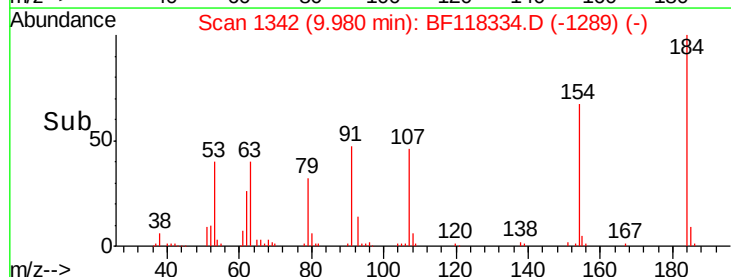
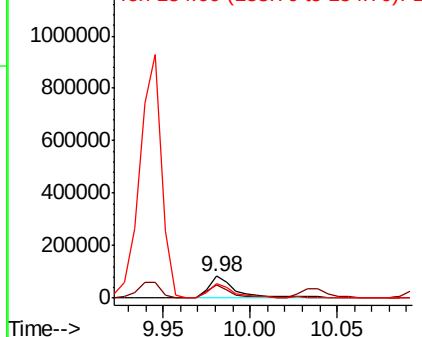


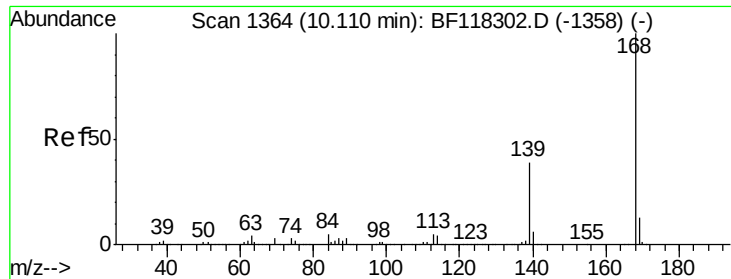
Abundance

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





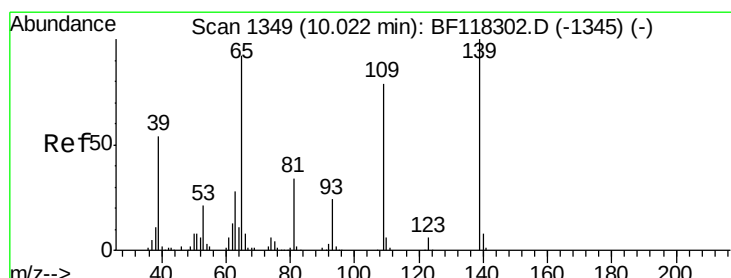
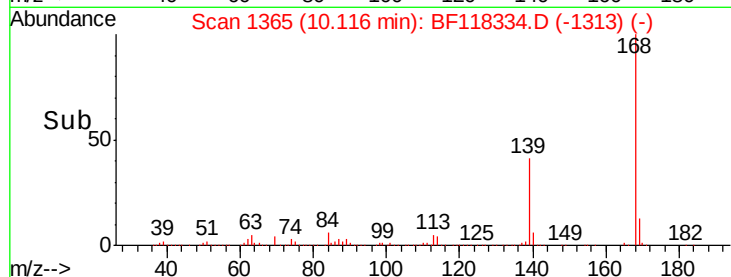
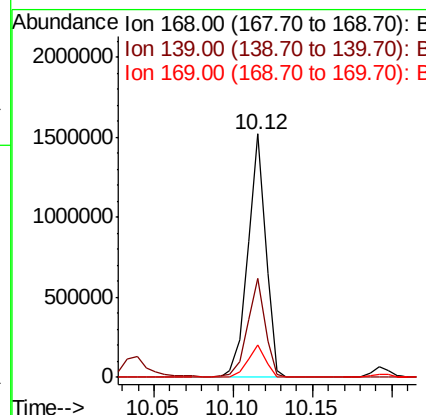
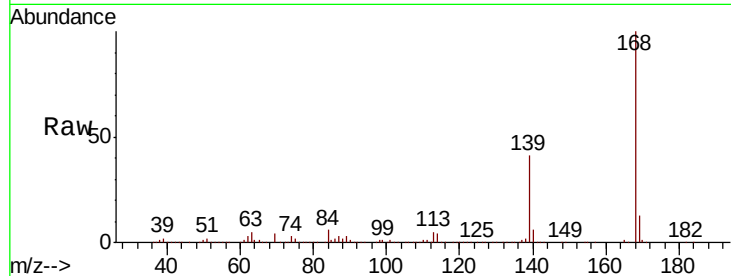
#55
Dibenzofuran
Concen: 37.352 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.5	47.3
169	13.5	10.4	15.6

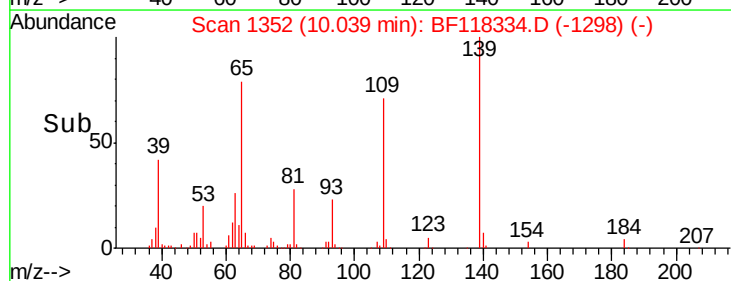
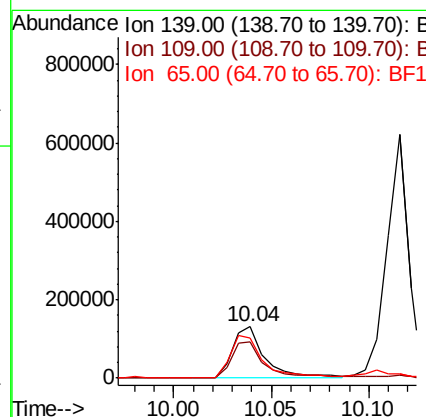
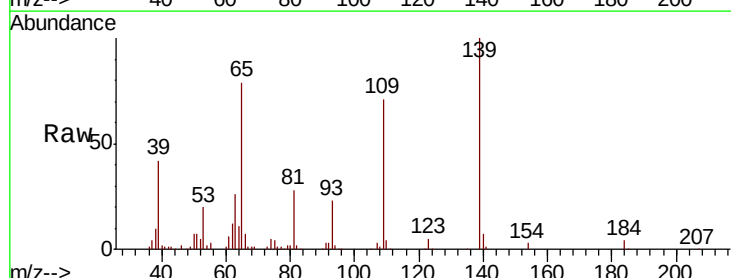
Manual Integrations
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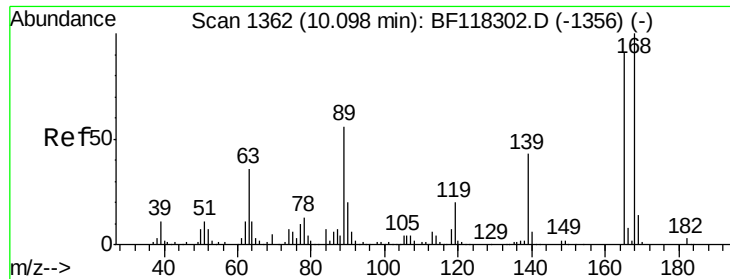
mohammad
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#56
4-Nitrophenol
Concen: 34.959 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	59.3	99.3
65	78.8	72.4	112.4





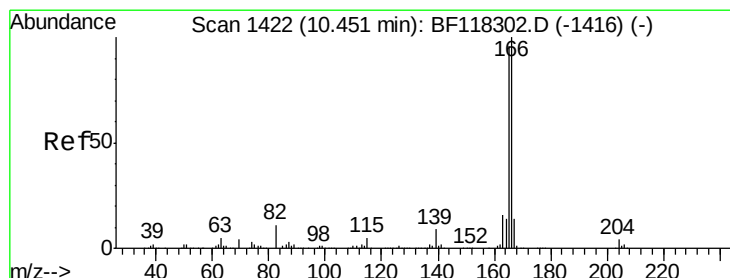
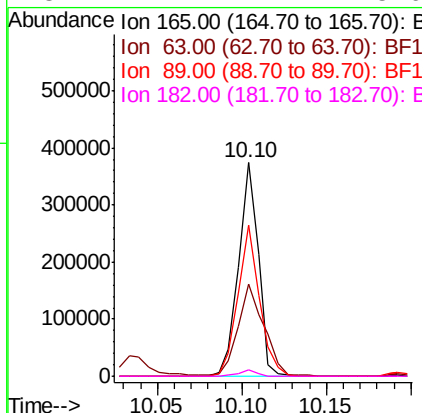
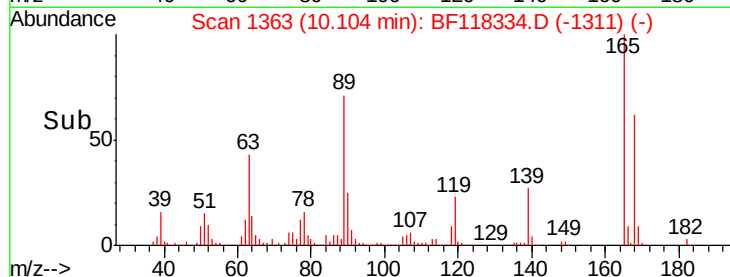
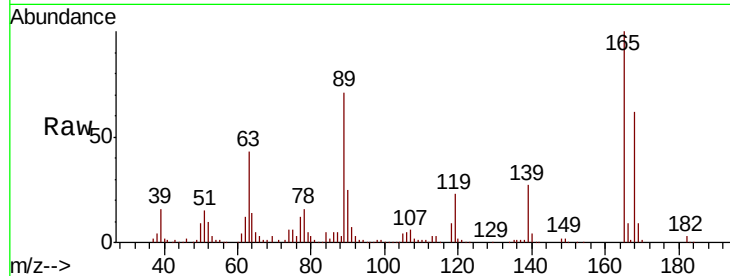
#57
2,4-Dinitrotoluene
Concen: 37.399 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	302095		
63	43.4		32.0	48.0
89	70.8		49.3	73.9
182	2.7		2.4	3.6

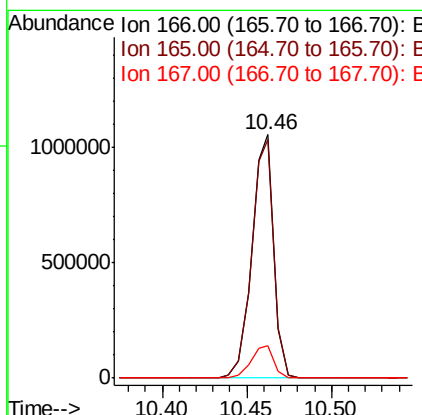
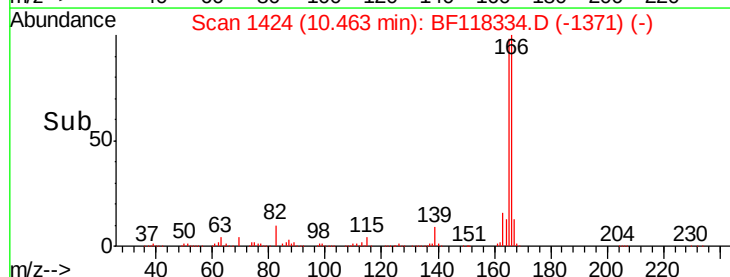
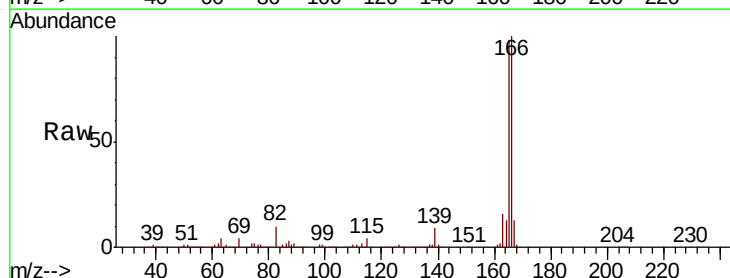
Manual Integrations
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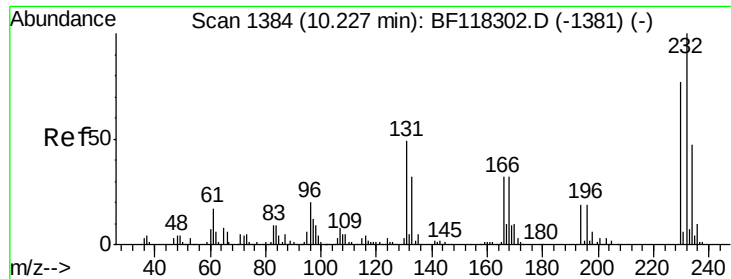
mohammad
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#58
Fluorene
Concen: 36.970 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	947277		
165	98.0		77.0	115.4
167	13.5		10.9	16.3





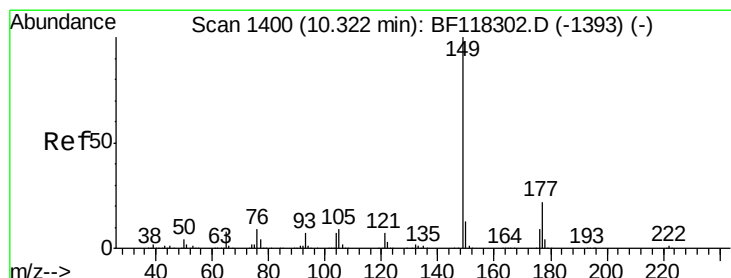
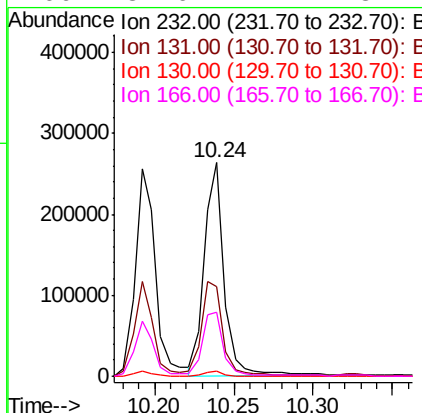
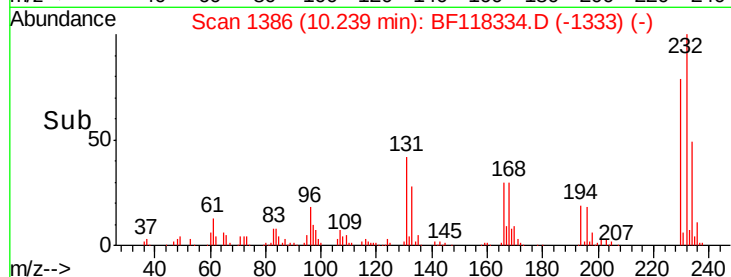
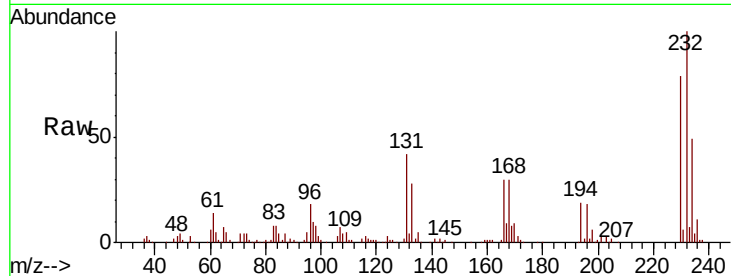
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.538 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	37.7	56.5
130	2.5	2.0	3.0
166	32.6	24.7	37.1

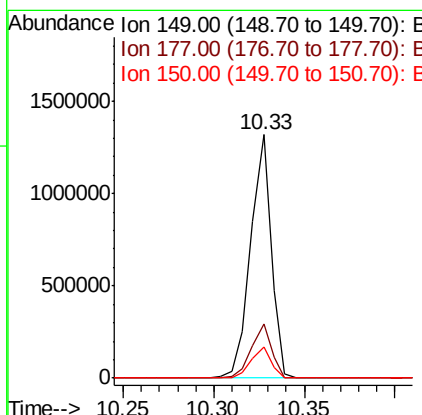
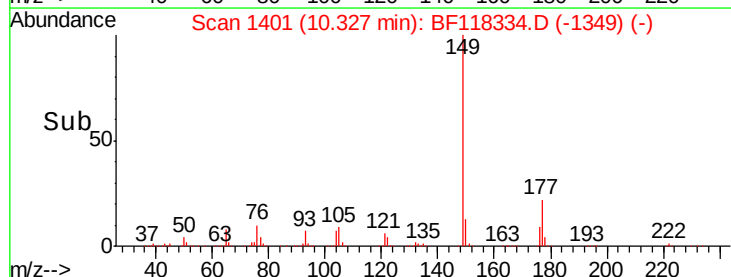
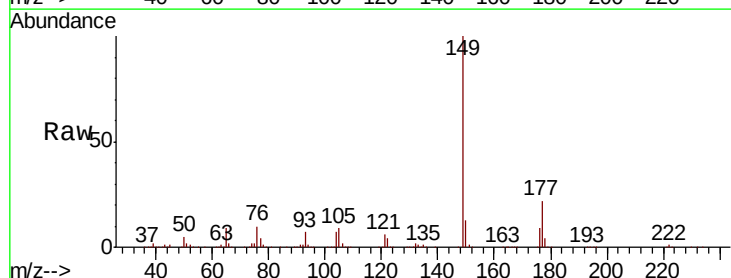
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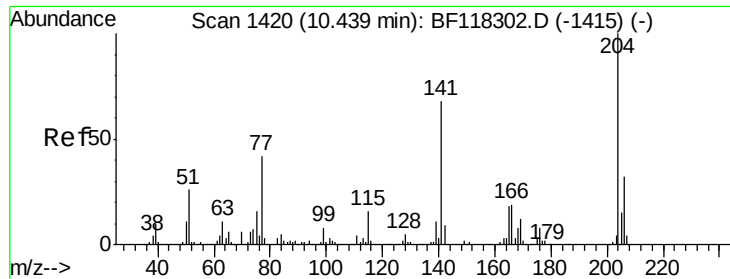
mohammad
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#60
Diethylphthalate
Concen: 37.775 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.9	10.2	15.2





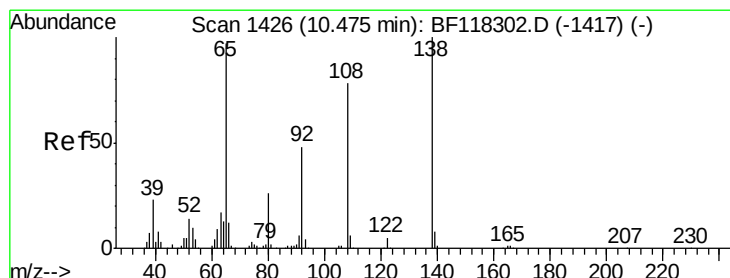
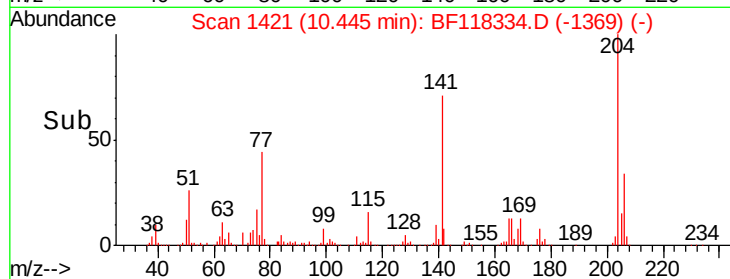
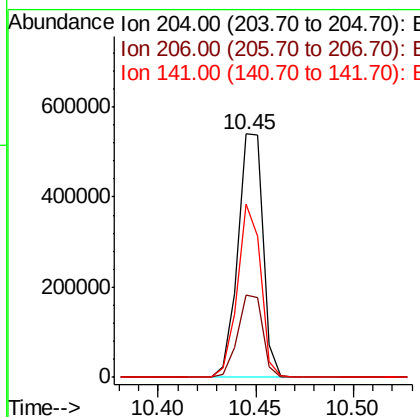
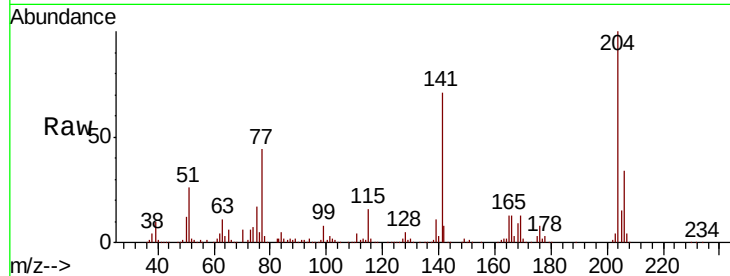
#61
4-Chlorophenyl-phenylether
Concen: 37.788 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.8	38.8
141	70.9	54.2	81.4

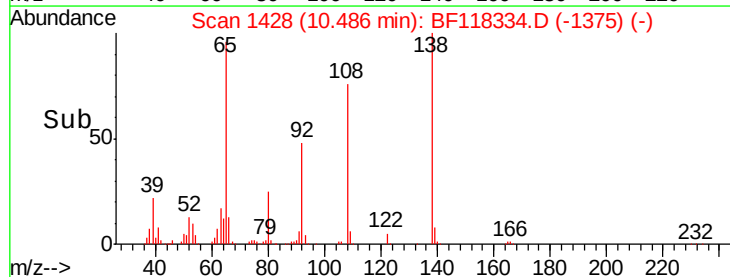
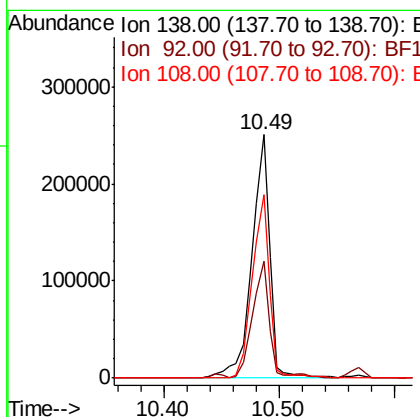
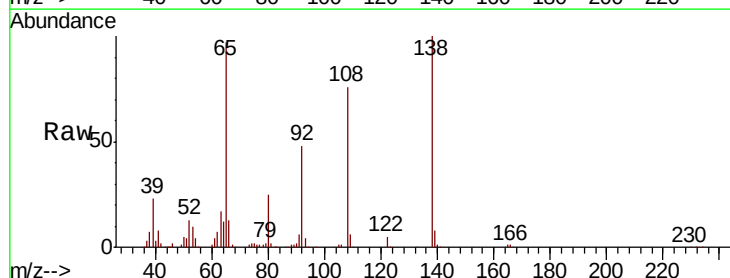
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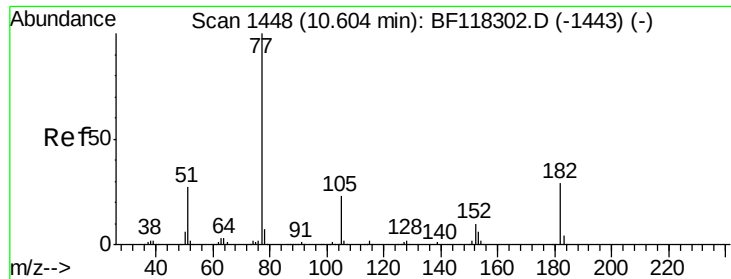
mohammad
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#62
4-Nitroaniline
Concen: 36.824 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.9	67.9
108	75.6	58.1	98.1





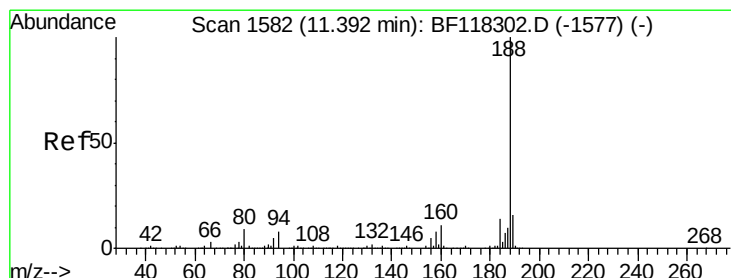
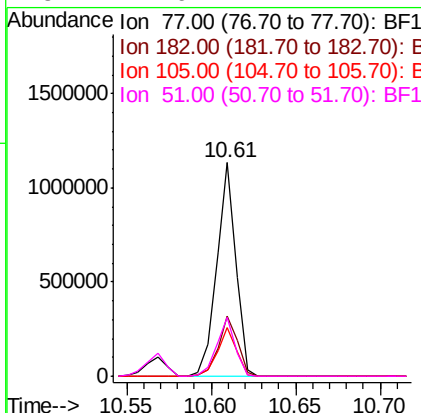
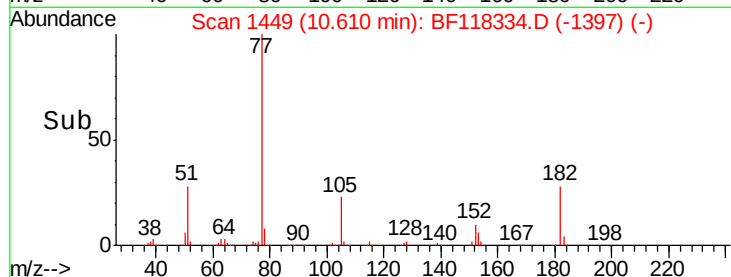
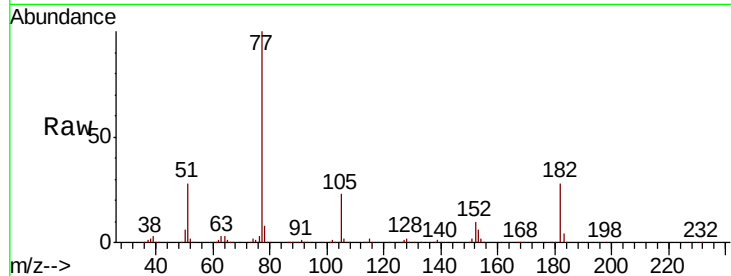
#63
Azobenzene
Concen: 37.775 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	9.2	49.2
105	23.0	3.2	43.2
51	27.6	7.1	47.1

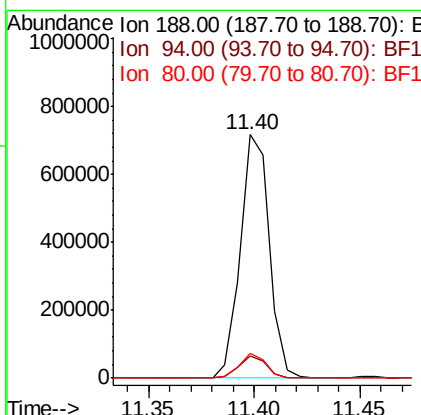
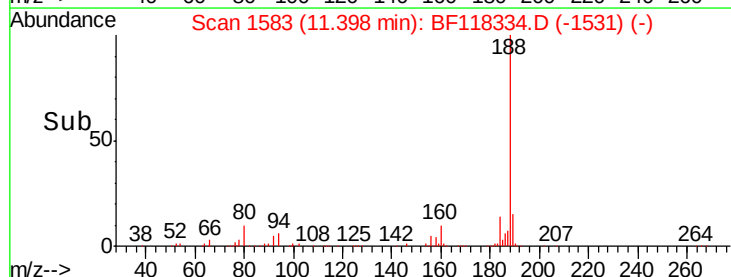
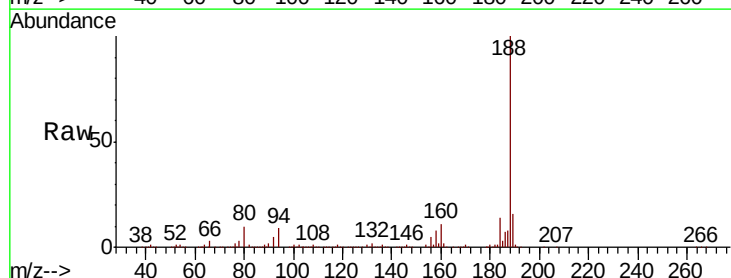
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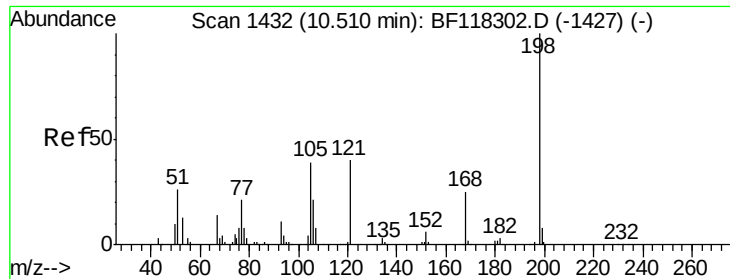
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	10.0	7.2	10.8





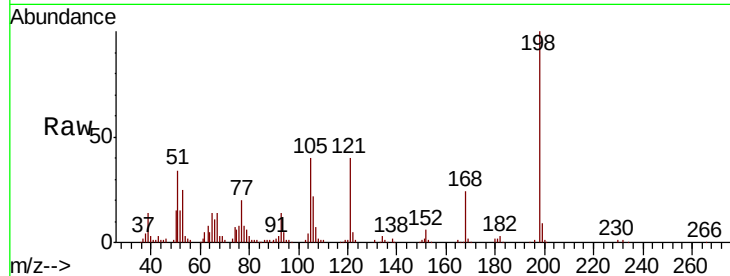
#65
4,6-Dinitro-2-methylphenol
Concen: 35.885 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131366		
51	33.9	12.8	52.8	
105	39.5	20.3	60.3	

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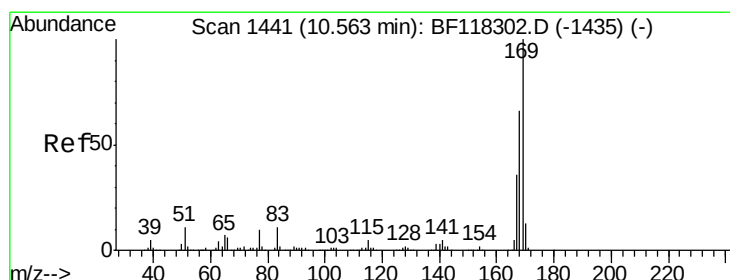
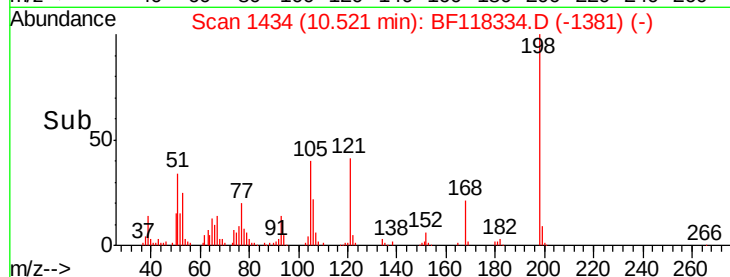
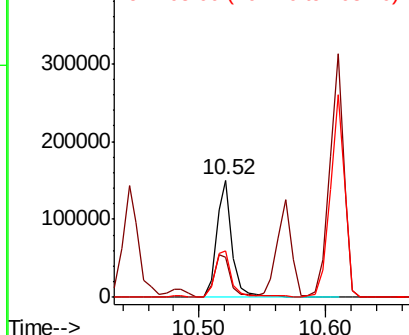


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.382 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

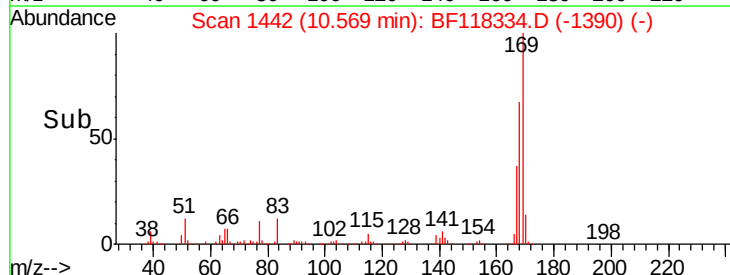
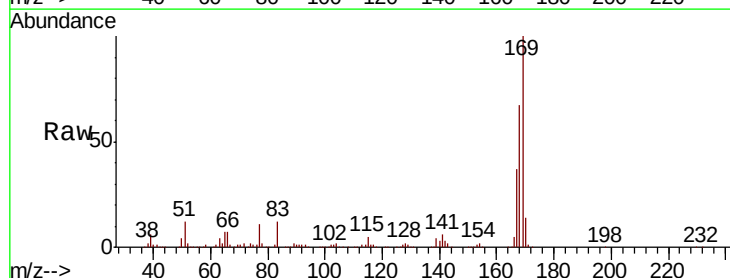
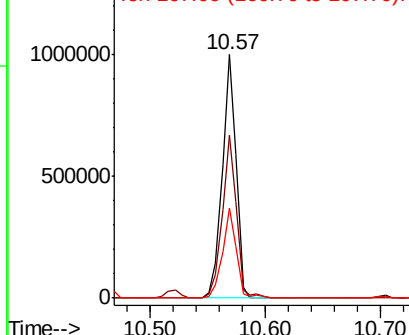
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	834750		
168	67.1	52.6	79.0	
167	36.8	28.4	42.6	

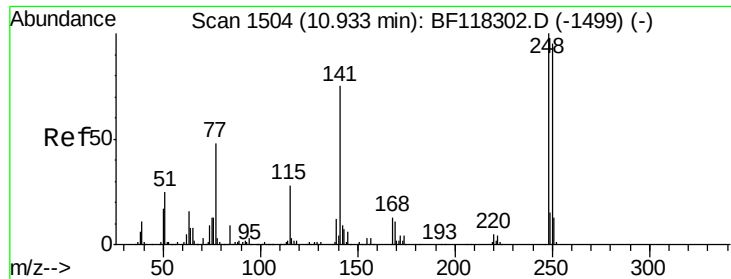
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





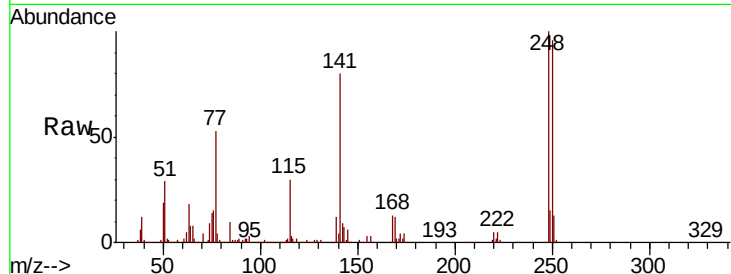
#67
4-Bromophenyl-phenylether
Concen: 38.664 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.4	114.6
141	80.1	60.2	90.2

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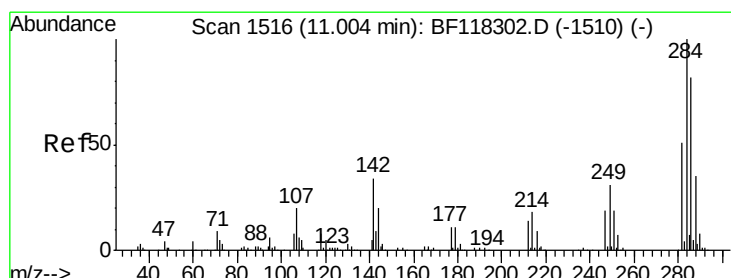
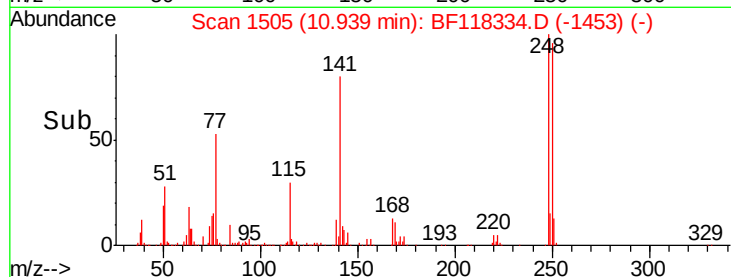
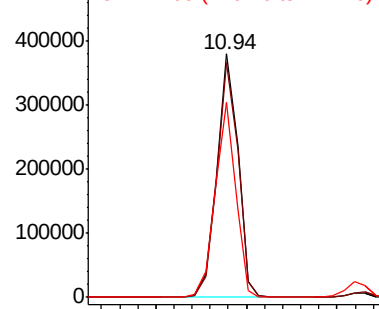


Abundance

Ion 248.00 (247.70 to 248.70): E

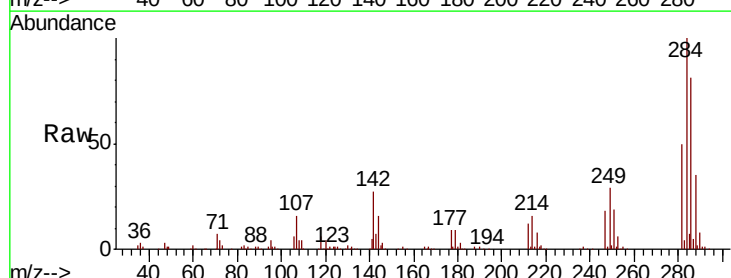
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.948 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	27.3	40.9
249	29.1	25.0	37.6

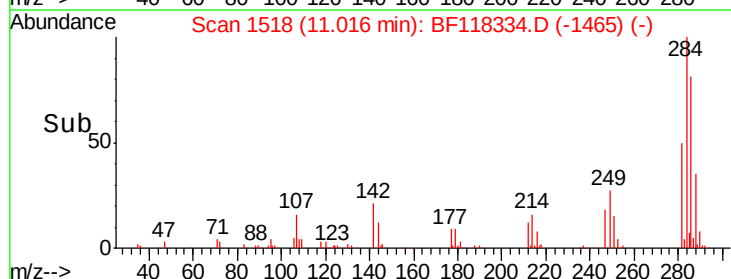
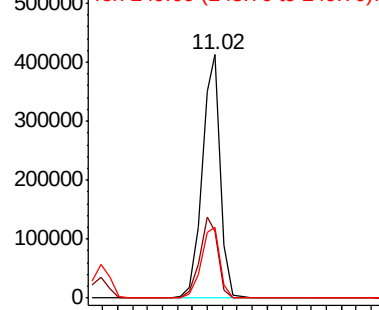


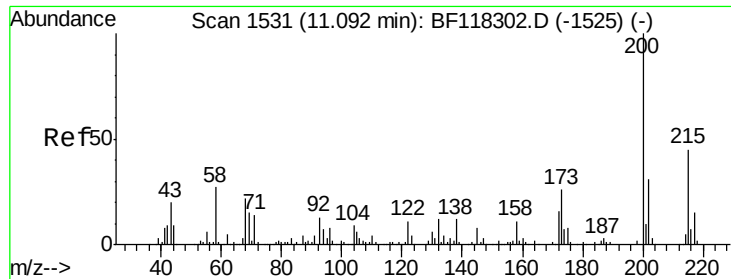
Abundance

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





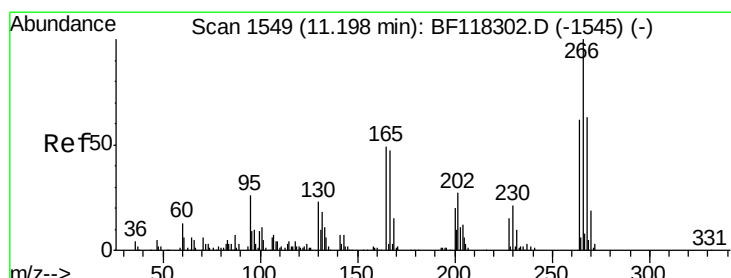
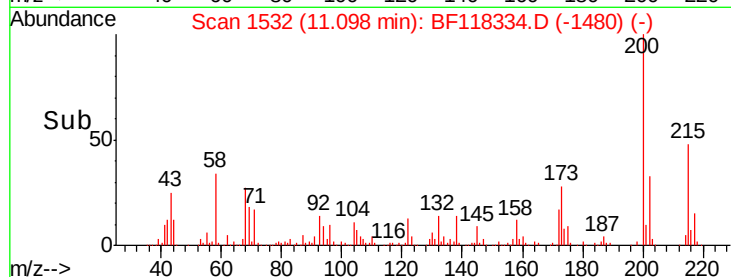
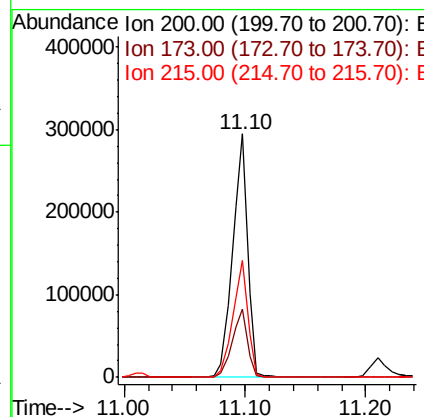
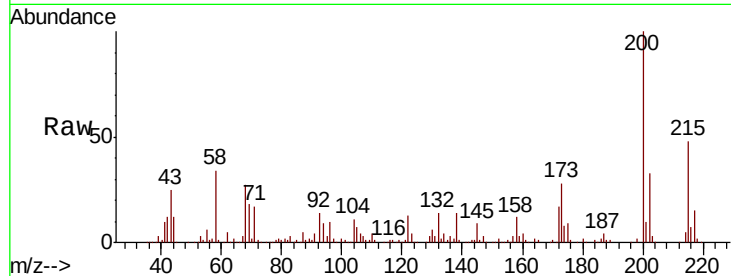
#69
Atrazine
Concen: 37.915 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	5.8	45.8
215	48.2	25.1	65.1

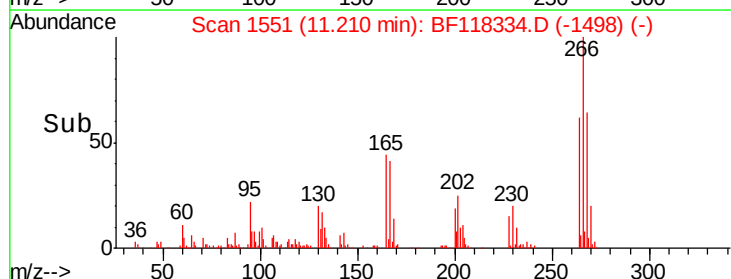
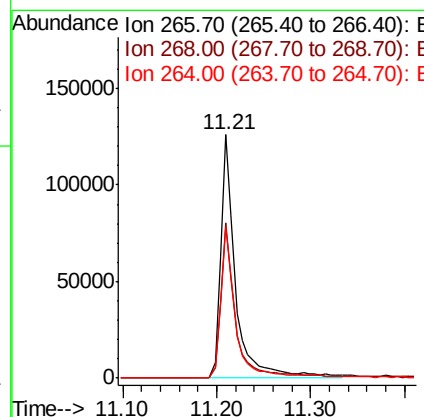
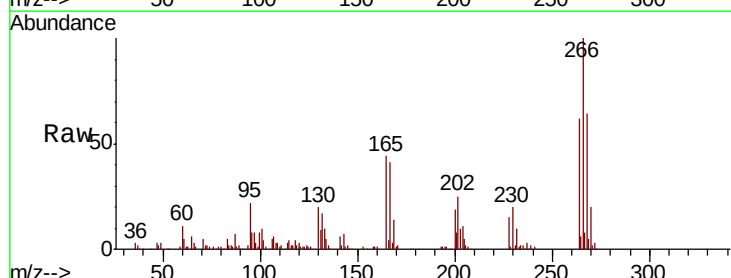
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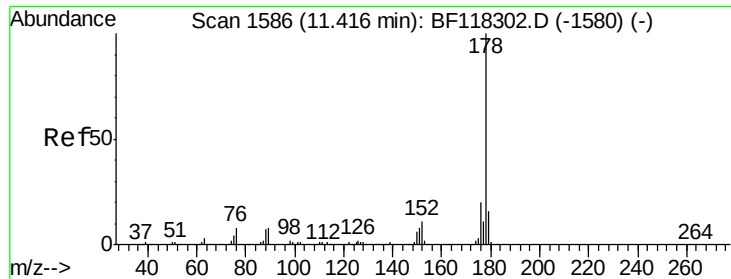
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#70
Pentachlorophenol
Concen: 35.206 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	50.6	76.0
264	62.1	49.9	74.9





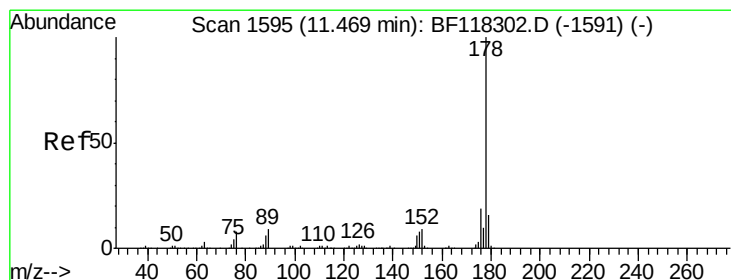
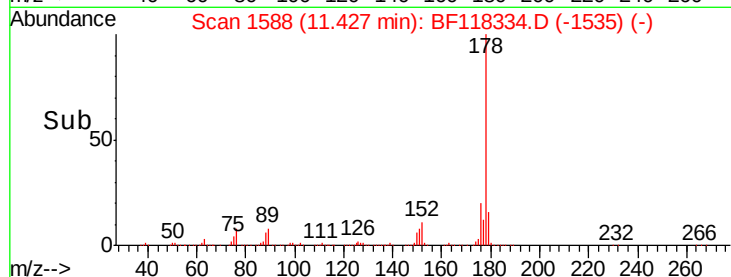
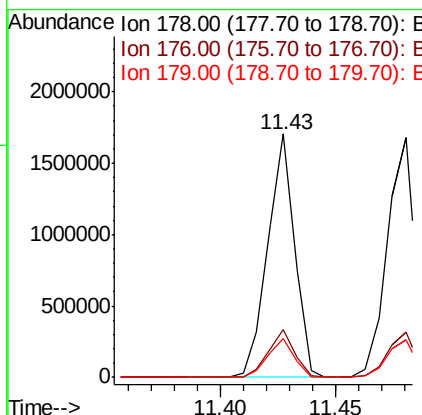
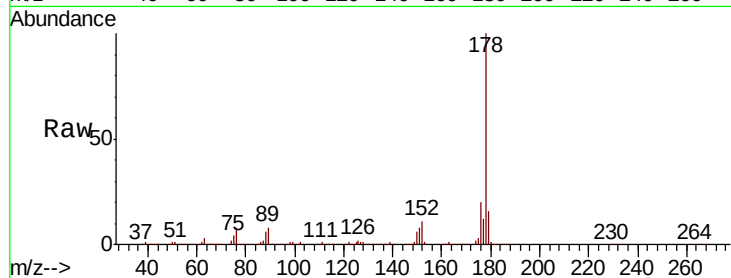
#71
Phenanthrene
Concen: 37.575 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1390003
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.9 12.6 19.0

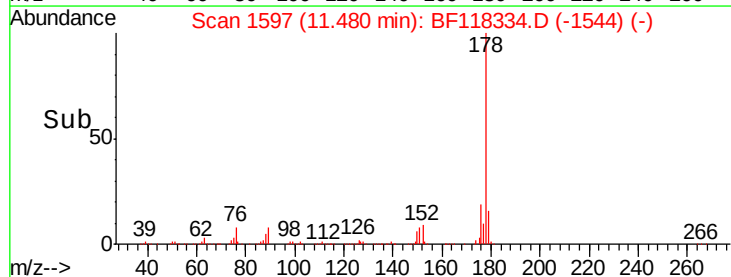
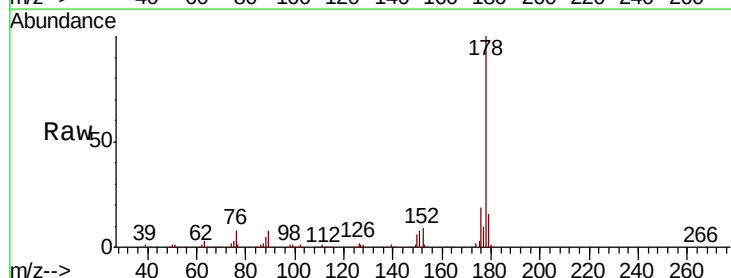
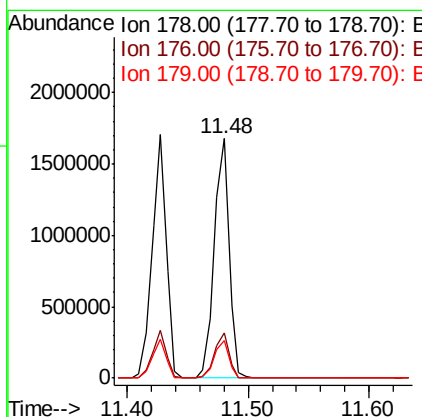
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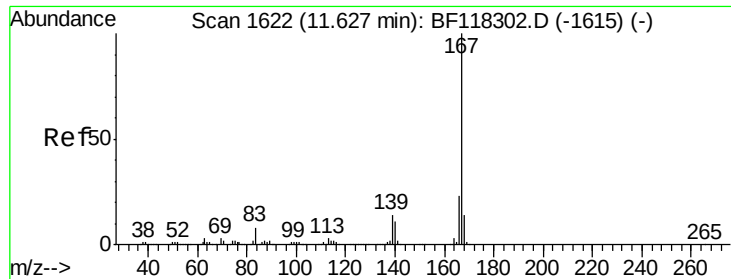
mohammad
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#72
Anthracene
Concen: 38.128 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion:178 Resp: 1411784
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.8 12.9 19.3





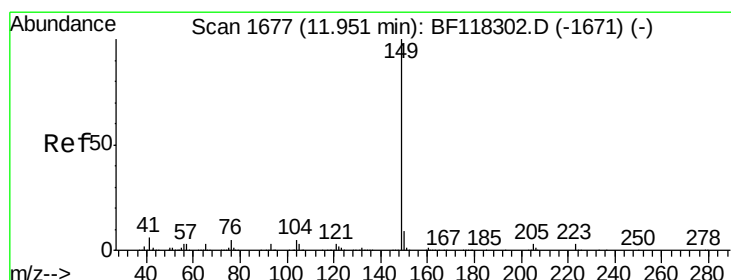
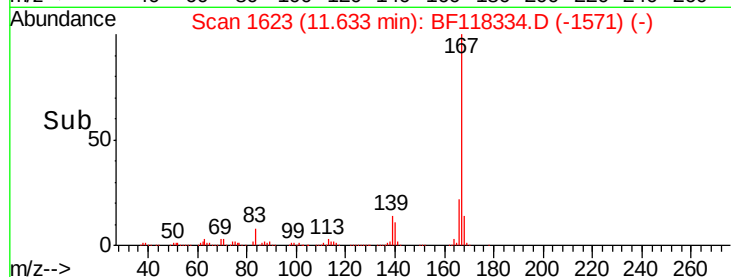
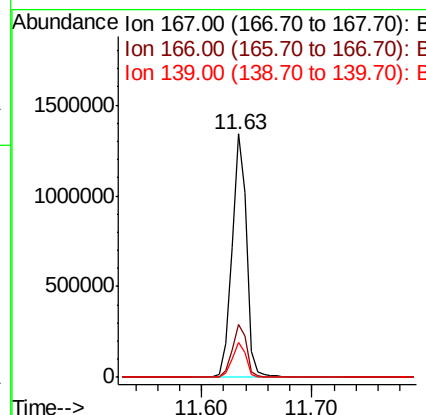
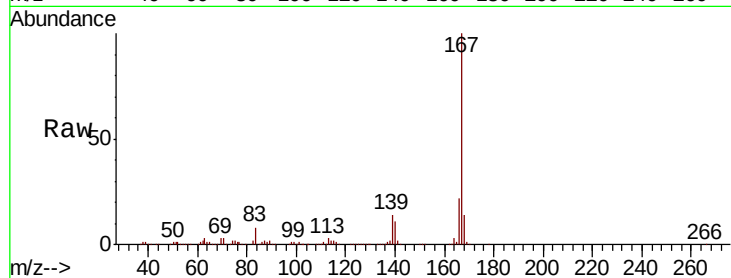
#73
 Carbazole
 Concen: 37.727 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	14.3	11.5	17.3

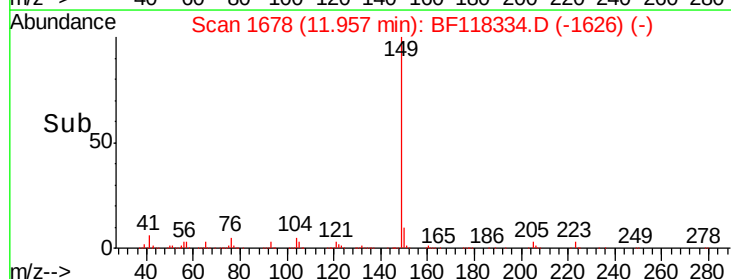
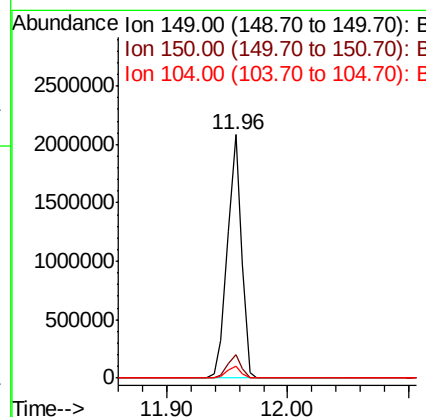
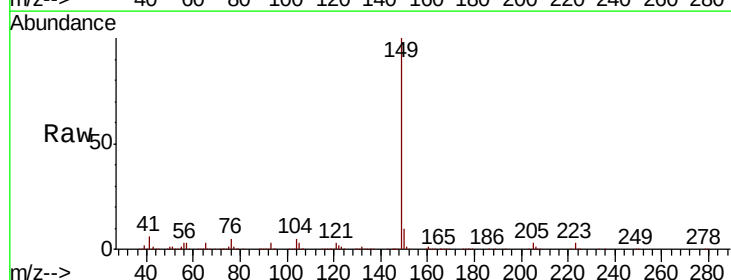
Manual Integrations
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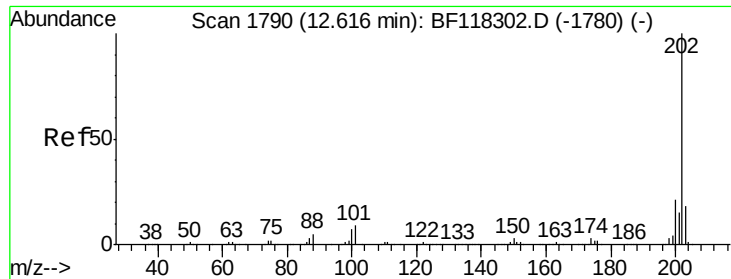
mohammad
 12/29/2019 5:27:30 PM



#74
 Di-n-butylphthalate
 Concen: 40.092 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.1	4.0	6.0





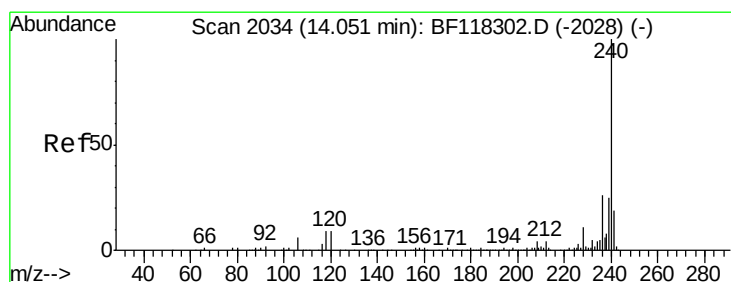
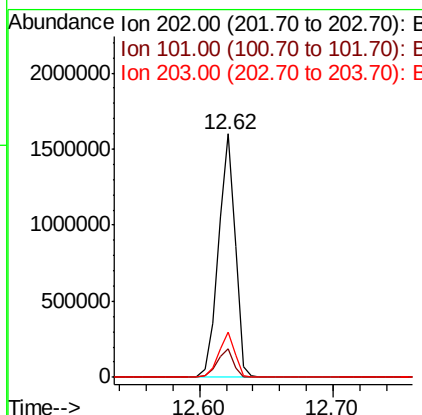
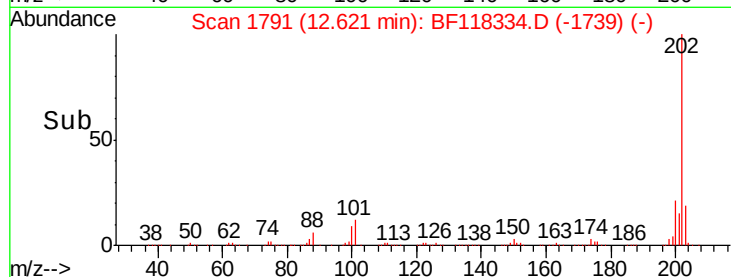
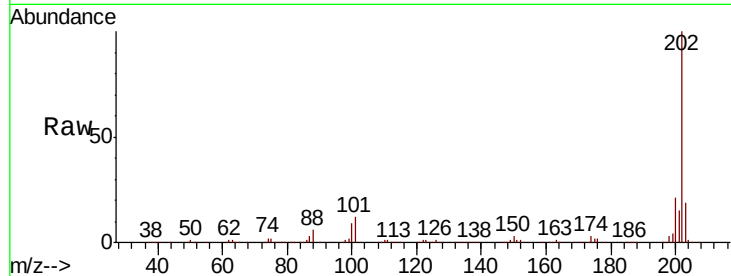
#75
 Fluoranthene
 Concen: 38.030 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1419815		
101	11.6	0.0	29.5	
203	18.6	0.0	37.6	

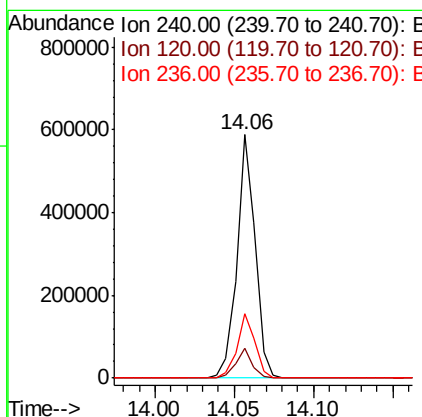
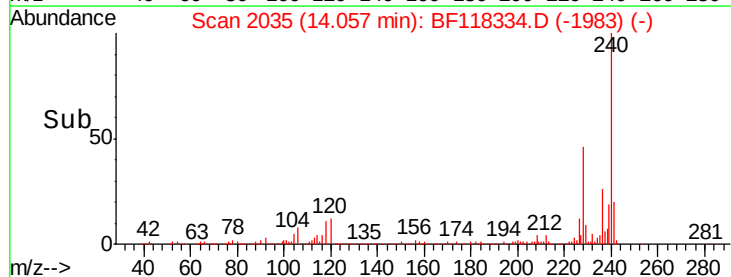
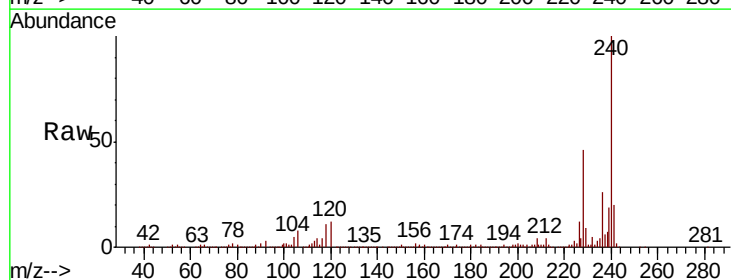
Manual Integrations
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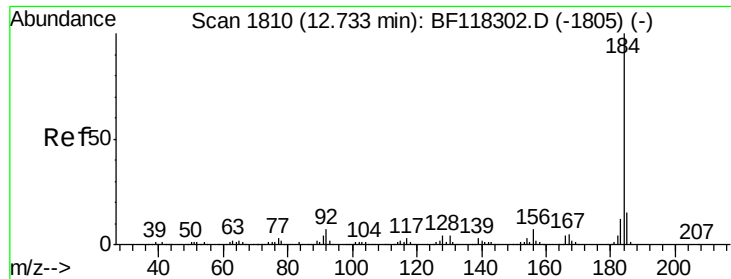
mohammad
 12/29/2019 5:27:30 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	469391		
120	12.1	7.1	10.7#	
236	26.4	21.0	31.6	





#77

Benzidine

Concen: 47.725 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

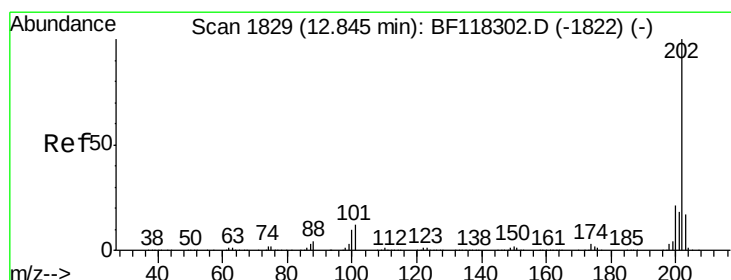
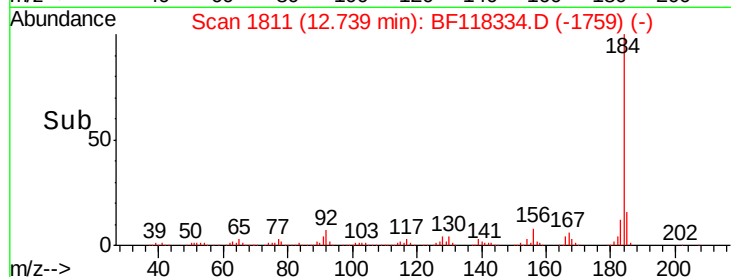
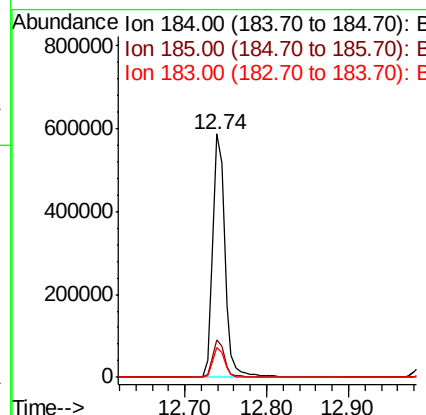
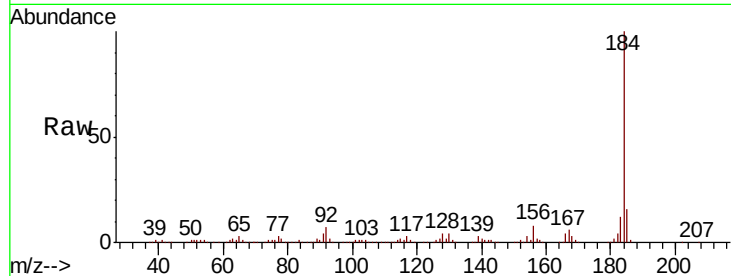
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	613818
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.3	18.5
183	12.2	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 36.885 ng

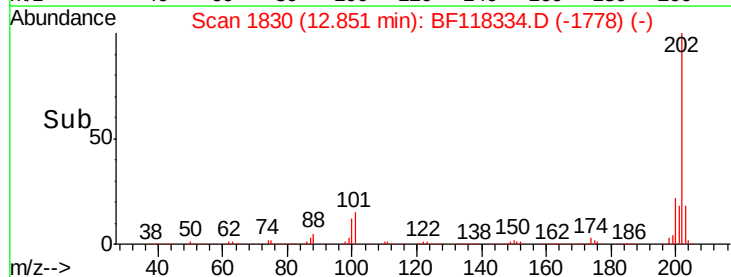
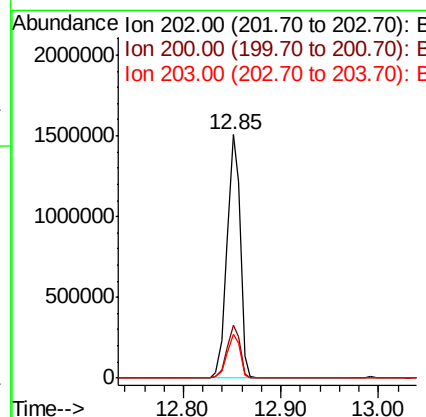
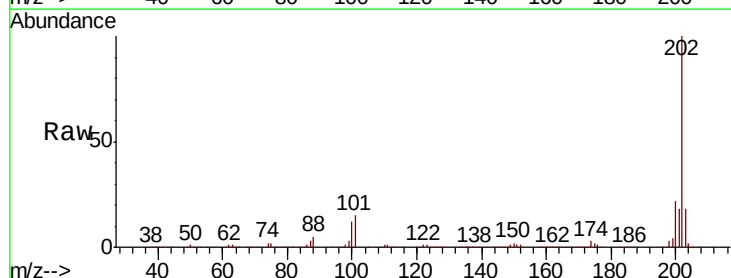
RT: 12.85 min Scan# 1830

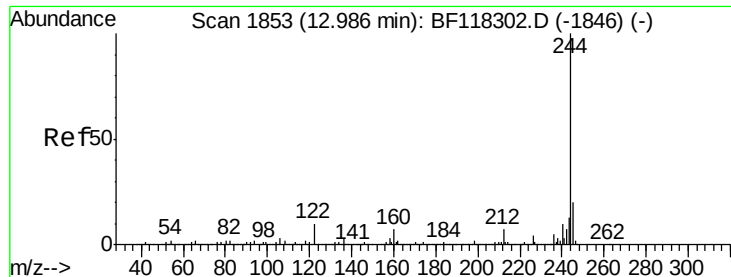
Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:	202	Resp:	1413824
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.8	25.2
203	18.1	13.9	20.9





#79

Terphenyl-d14

Concen: 75.577 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2138313

Ion Ratio Lower Upper

244 100

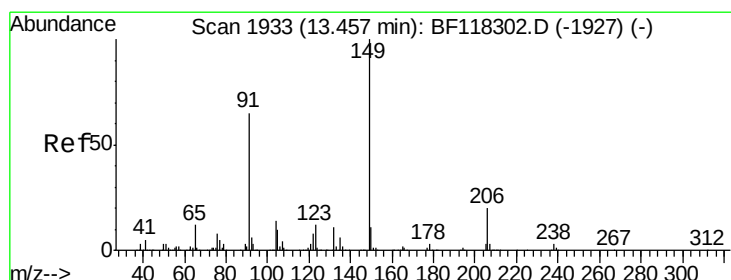
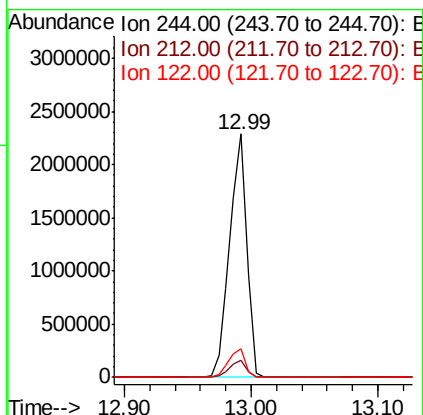
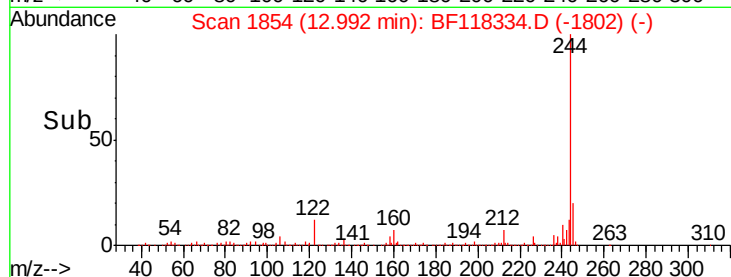
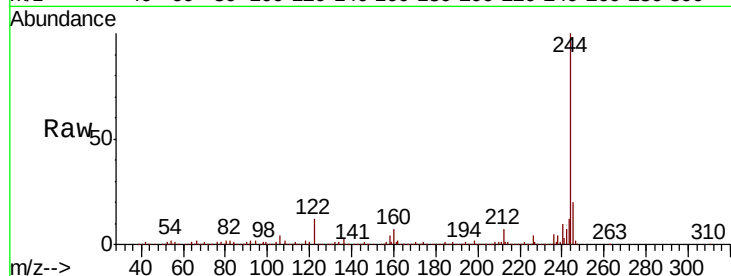
212 7.1 5.4 8.2

122 11.8 7.8 11.8

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 41.081 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

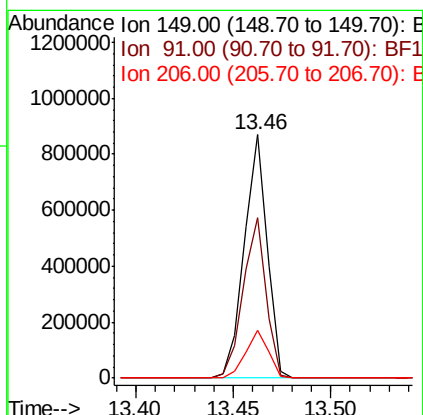
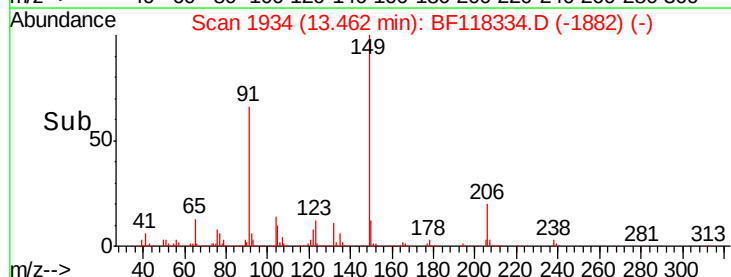
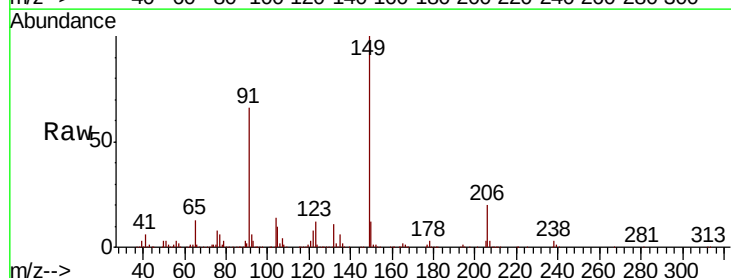
Tgt Ion:149 Resp: 709006

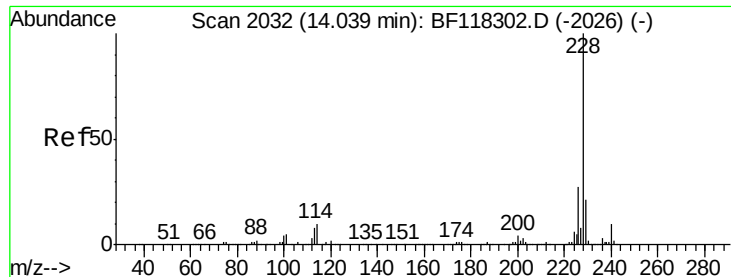
Ion Ratio Lower Upper

149 100

91 66.2 51.8 77.6

206 19.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 37.375 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1227988

Ion Ratio Lower Upper

228 100

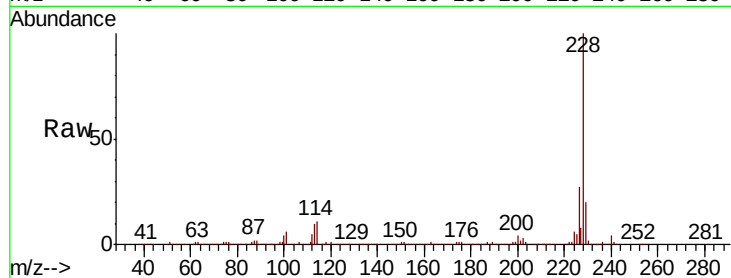
226 27.0 22.0 33.0

229 20.1 16.6 24.8

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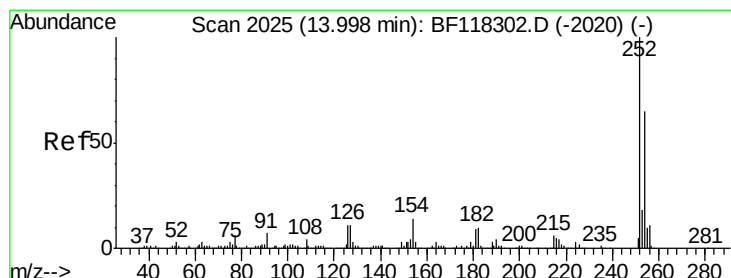
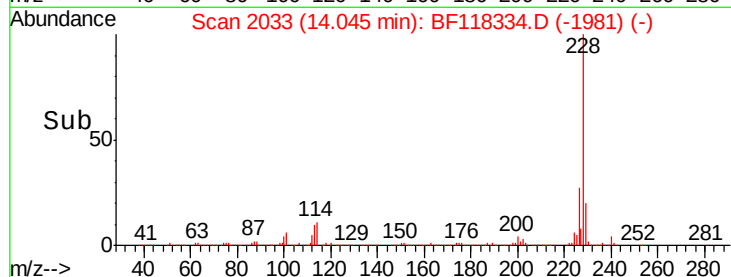
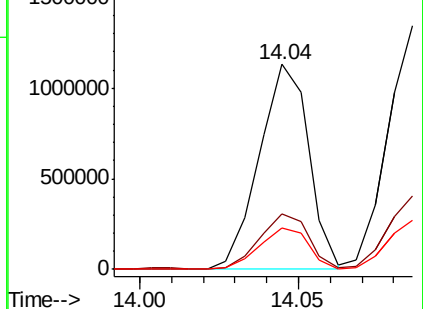
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.073 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Tgt Ion:252 Resp: 446416

Ion Ratio Lower Upper

252 100

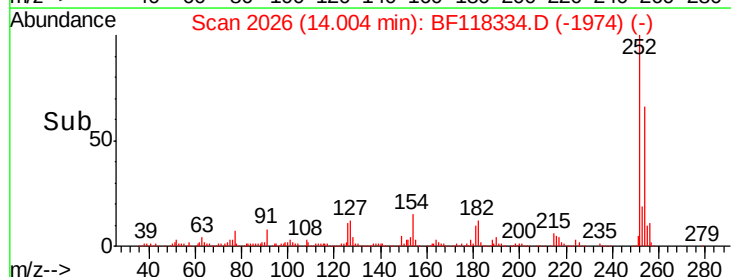
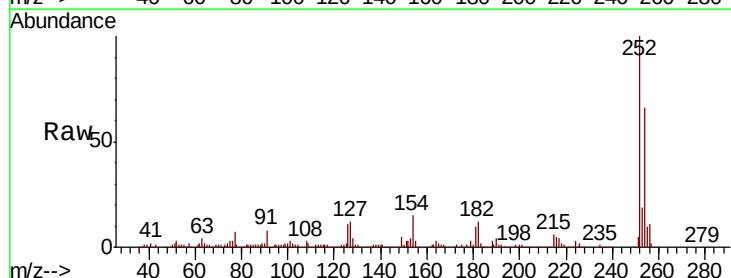
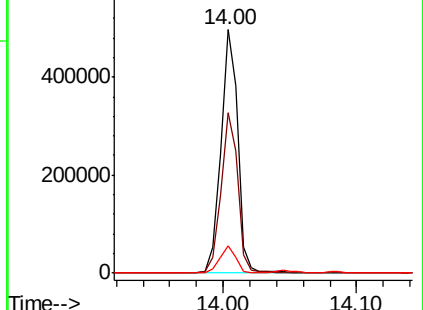
254 65.6 51.8 77.8

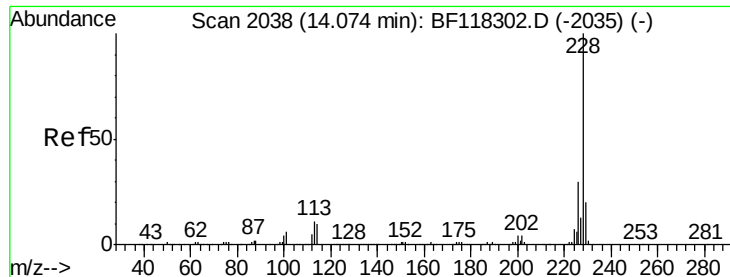
126 11.3 8.7 13.1

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





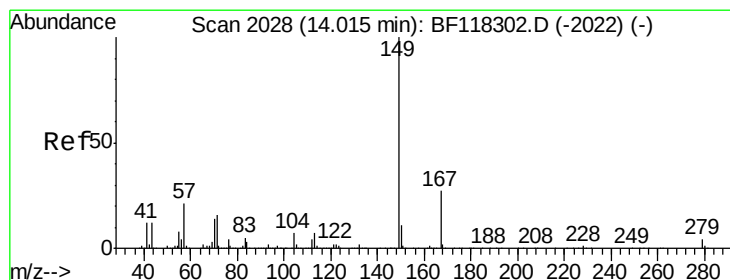
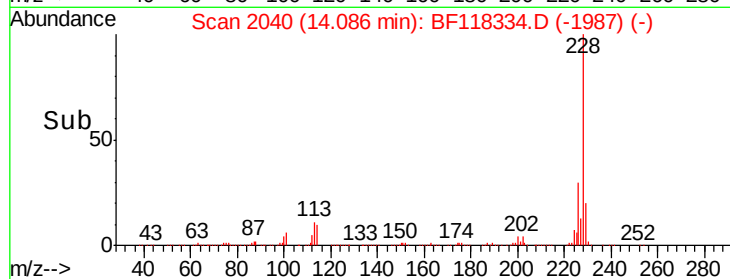
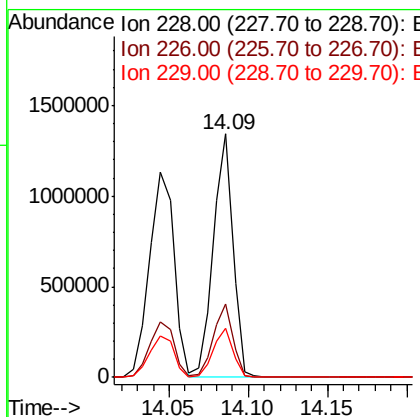
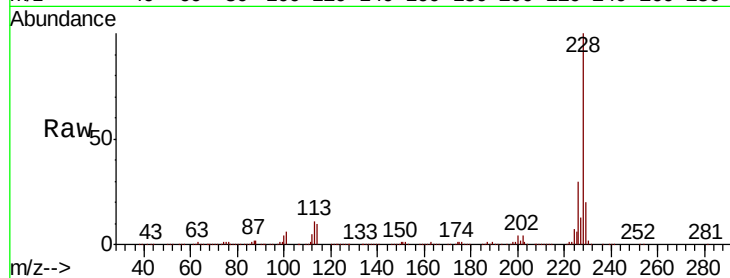
#83
 Chrysene
 Concen: 36.902 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.3	16.1	24.1

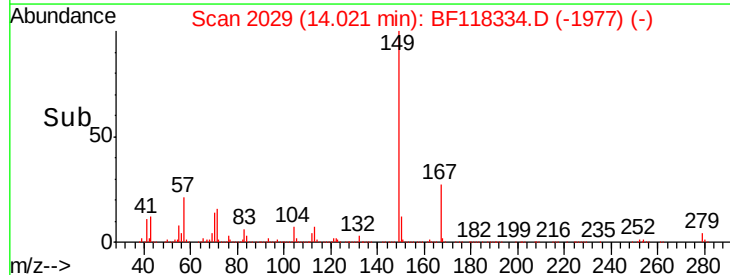
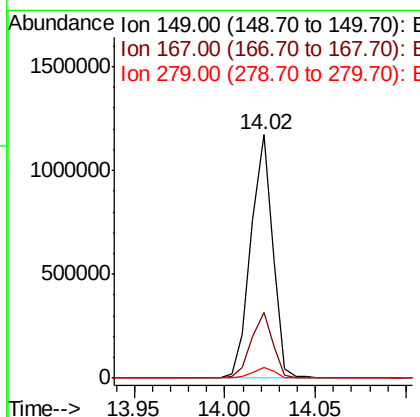
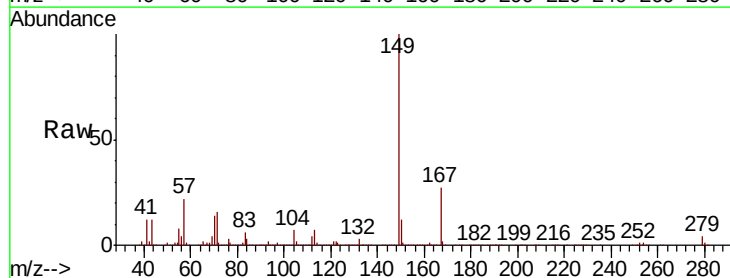
Manual Integrations
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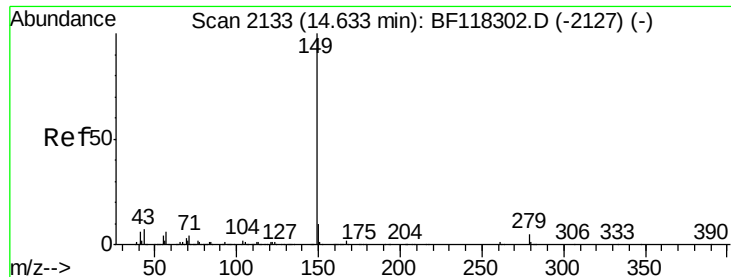
mohammad
 12/29/2019 5:27:30 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.414 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF118334.D
 Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.2	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 44.742 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1493577

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

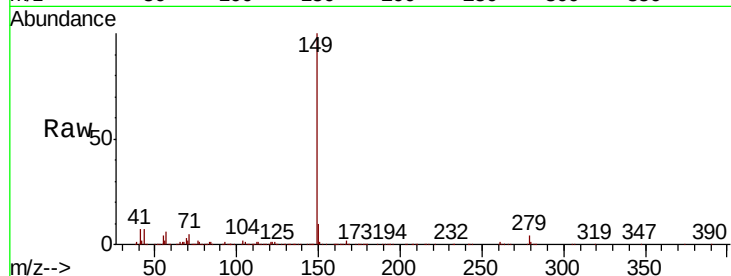
43 7.6 6.1 9.1

Manual Integrations

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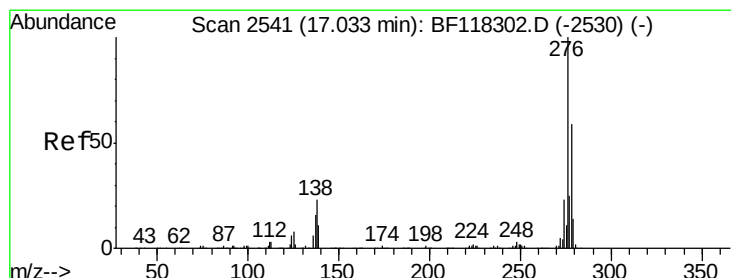
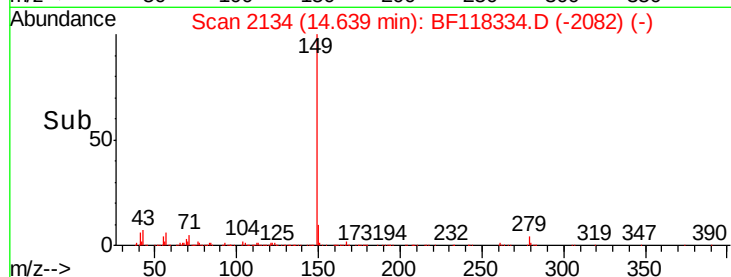
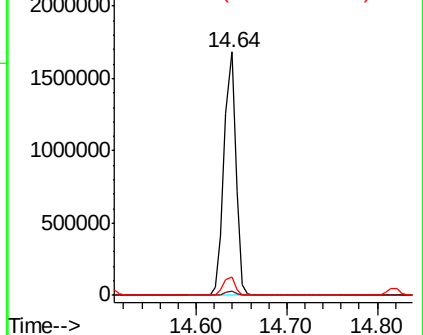
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 34.303 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118334.D

Acq: 27 Dec 2019 13:00

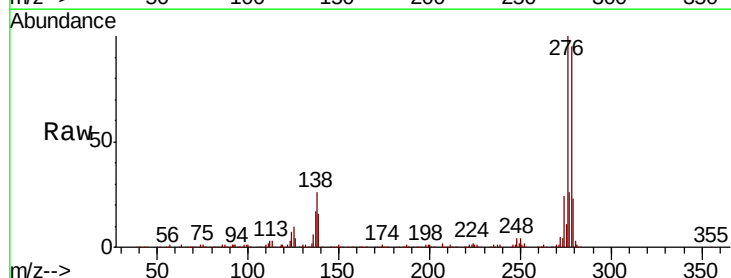
Tgt Ion:276 Resp: 919536

Ion Ratio Lower Upper

276 100

138 24.3 19.5 29.3

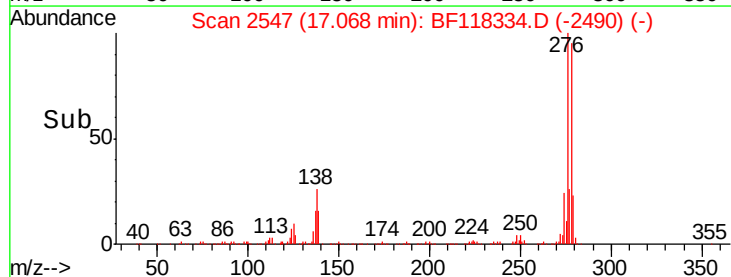
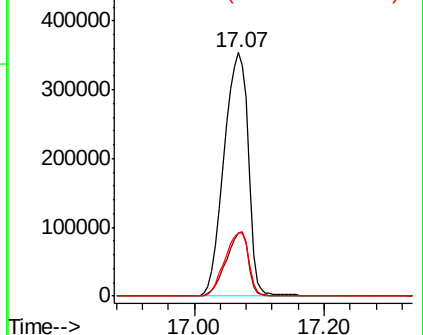
277 25.6 20.6 30.8

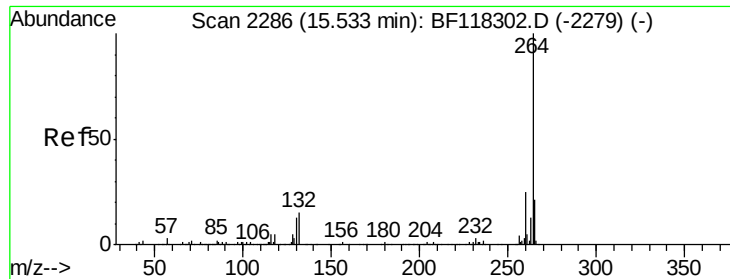


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





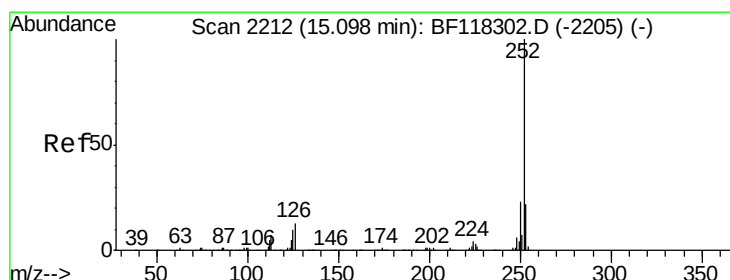
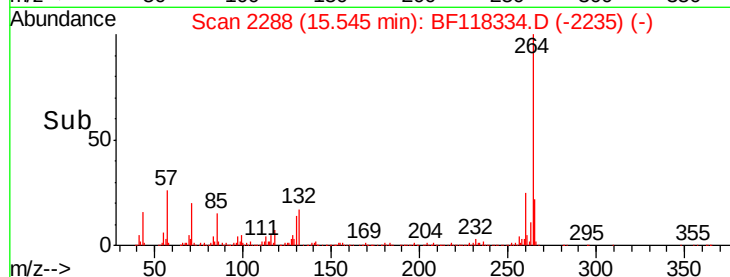
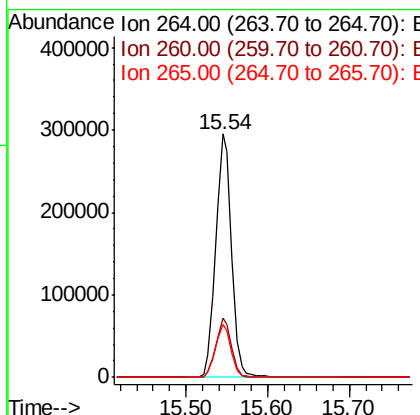
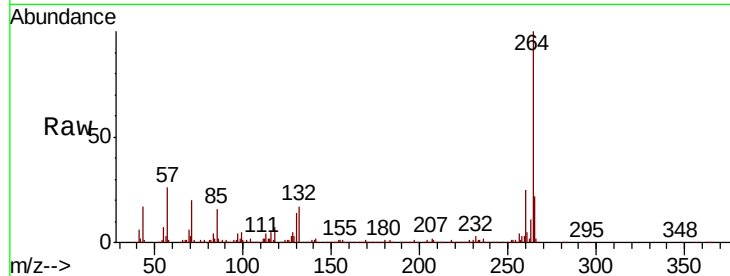
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.8	17.0	25.4

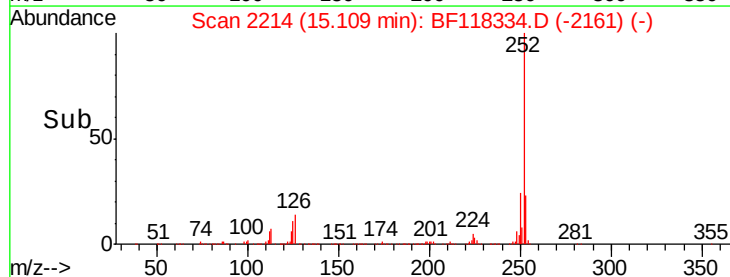
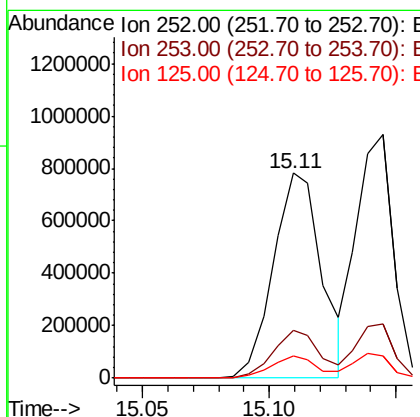
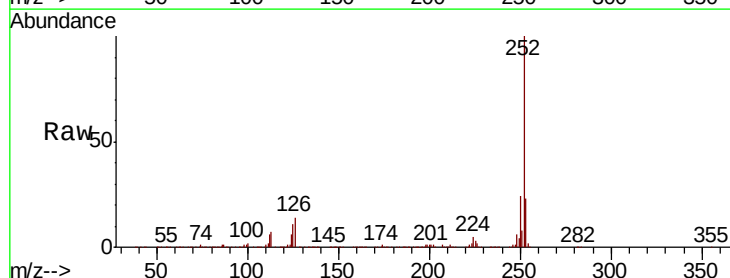
Manual Integrations
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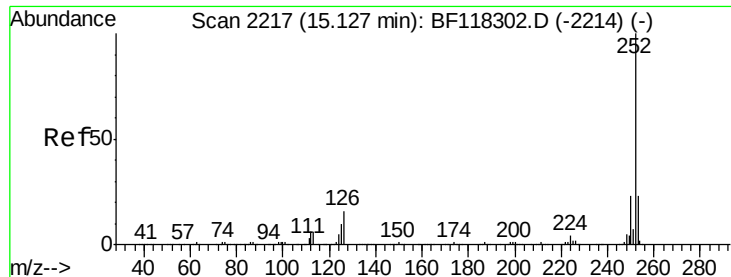
mohammad
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#88
Benzo(b)fluoranthene
Concen: 39.618 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.9	7.7	11.5





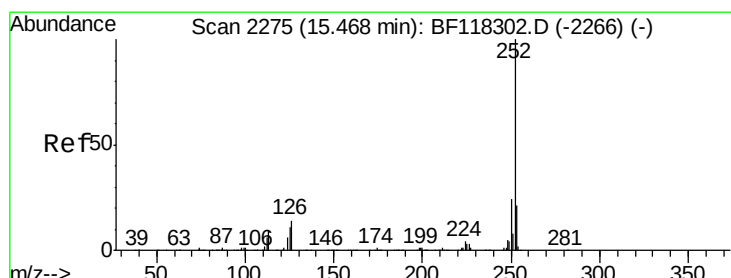
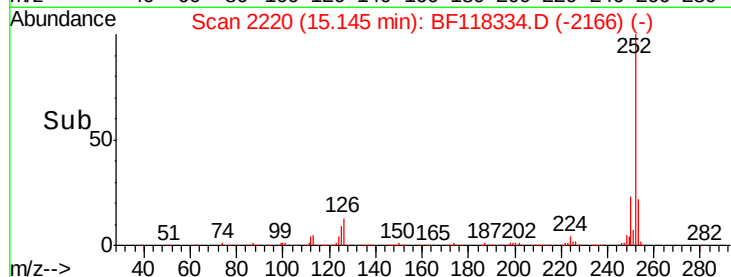
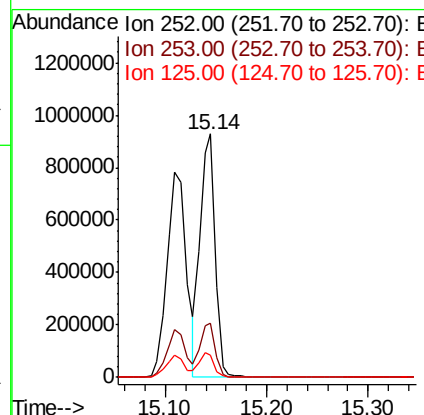
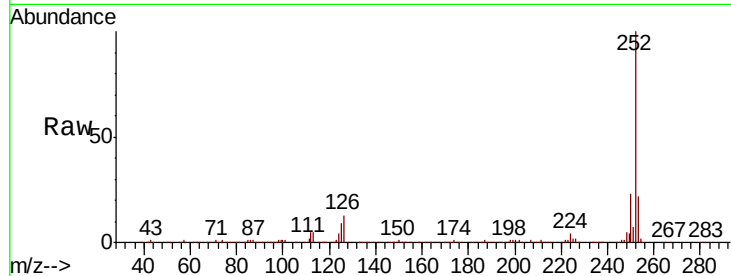
#89
Benzo(k)fluoranthene
Concen: 37.524 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.1	8.0	12.0

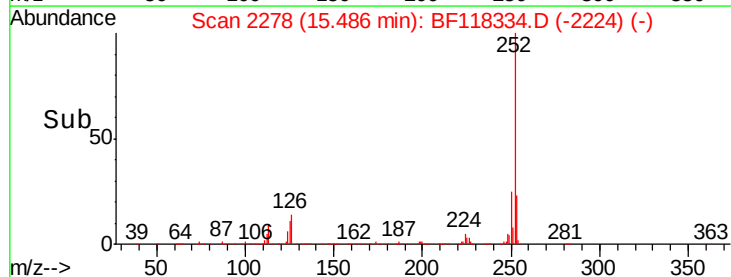
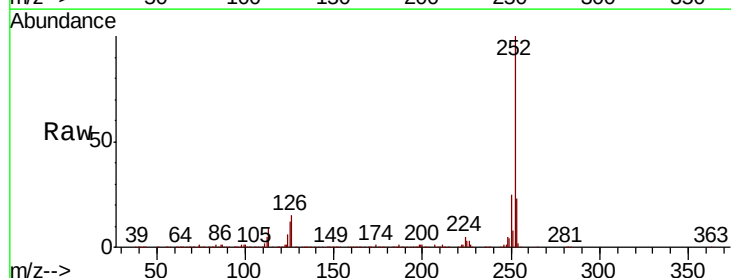
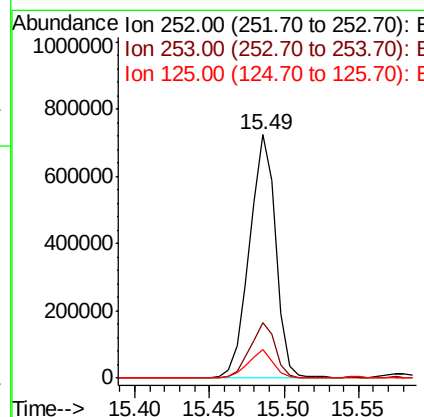
Manual Integrations
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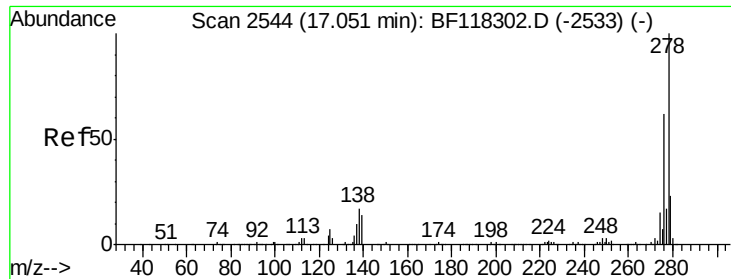
mohammad
12/29/2019 5:27:30 PM



#90
Benzo(a)pyrene
Concen: 37.826 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.6	9.0	13.4





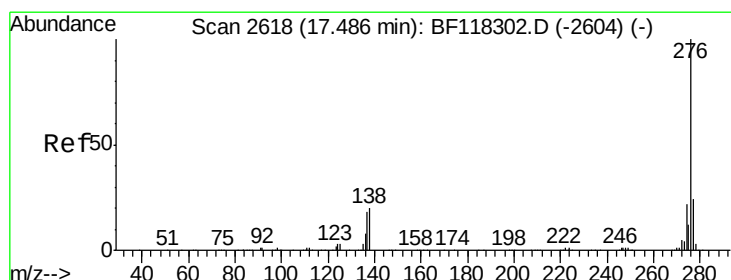
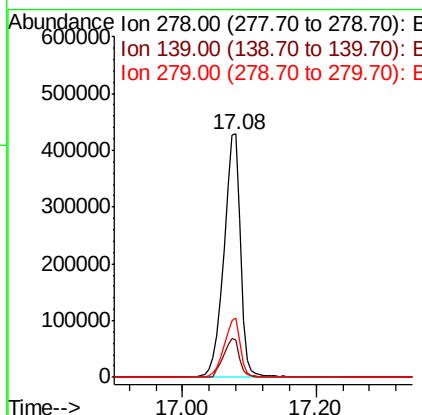
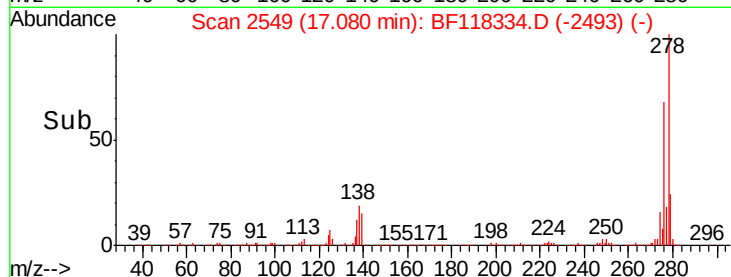
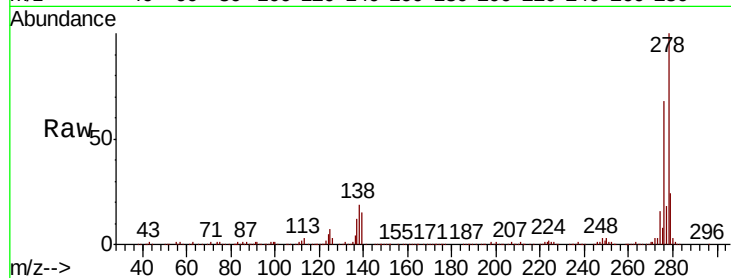
#91
Dibenzo(a,h)anthracene
Concen: 37.756 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.5	17.3
279	24.5	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/29/2019 5:27:30 PM



#92
Benzo(g,h,i)perylene
Concen: 36.895 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118334.D
Acq: 27 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	20.6	16.1	24.1

