

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118500.D
 Acq On : 8 Jan 2020 14:09
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
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mohammad
 1/9/2020 12:10:37 PM

Quant Time: Jan 08 16:06:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88792	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	388303	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	206506	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	372850	20.00	ng	0.00
76) Chrysene-d12	14.04	240	227411	20.00	ng	0.00
87) Perylene-d12	15.52	264	208475	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	799756	161.69	ng	0.00
7) Phenol-d6	6.49	99	955411	151.33	ng	0.01
23) Nitrobenzene-d5	7.42	82	979652	136.66	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	385350	153.23	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2087649	149.24	ng	0.00
79) Terphenyl-d14	12.97	244	2282305	153.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	135093	80.765	ng	99
3) Pyridine	3.30	79	388645	84.520	ng	98
4) n-Nitrosodimethylamine	3.28	42	193621	87.125	ng	95
6) Aniline	6.51	93	588043	75.384	ng	97
8) 2-Chlorophenol	6.63	128	449659	77.989	ng	98
10) Phenol	6.50	94	539844	76.713	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	387432	79.514	ng	98
12) 1,3-Dichlorobenzene	6.77	146	522898	76.759	ng	96
13) 1,4-Dichlorobenzene	6.85	146	529070	76.583	ng	97
14) 1,2-Dichlorobenzene	7.01	146	496756	76.618	ng	99
15) Benzyl Alcohol	6.99	79	396191	78.292	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	415763	76.406	ng	99
17) 2-Methylphenol	7.10	107	353363	75.585	ng	# 92
18) Hexachloroethane	7.35	117	199192	78.426	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	313609	79.830	ng	99
20) 3+4-Methylphenols	7.26	107	475589	77.621	ng	95
22) Acetophenone	7.26	105	670817	67.365	ng	# 95
24) Nitrobenzene	7.43	77	480903	67.837	ng	95
25) Isophorone	7.67	82	893874	73.140	ng	99
26) 2-Nitrophenol	7.75	139	284480	75.084	ng	98
27) 2,4-Dimethylphenol	7.79	122	375307	75.657	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	591452	76.494	ng	99
29) 2,4-Dichlorophenol	7.99	162	443552	75.828	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	518082	74.845	ng	99
31) Naphthalene	8.15	128	1542017	75.513	ng	100
32) Benzoic acid	7.96	122	306754	88.739	ng	100
33) 4-Chloroaniline	8.20	127	628281	73.369	ng	99
34) Hexachlorobutadiene	8.26	225	302252	73.195	ng	100
35) Caprolactam	8.61	113	116193m	62.923	ng	
36) 4-Chloro-3-methylphenol	8.70	107	404113	65.651	ng	99
37) 2-Methylnaphthalene	8.84	142	981759	70.328	ng	97
38) 1-Methylnaphthalene	8.94	142	954751	71.460	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	482926	77.302	ng	99
41) Hexachlorocyclopentadiene	8.99	237	144239	127.551	ng	99

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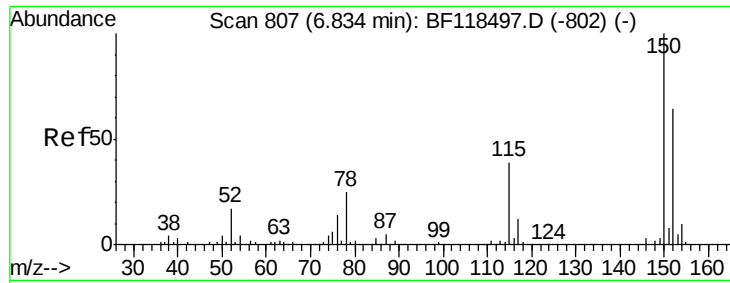
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.13	196	313648	78.611	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	319983	78.783	nq	99
46) 1,1'-Biphenyl	9.31	154	1276559	77.225	nq	98
47) 2-Chloronaphthalene	9.34	162	982601	74.167	nq	96
48) 2-Nitroaniline	9.44	65	270464	70.655	nq	95
49) Acenaphthylene	9.75	152	1512536	76.788	nq	99
50) Dimethylphthalate	9.61	163	1204896	75.791	nq	99
51) 2,6-Dinitrotoluene	9.69	165	260871	80.071	nq	86
52) Acenaphthene	9.93	154	924075	74.505	nq	98
53) 3-Nitroaniline	9.86	138	310062	77.756	nq	91
54) 2,4-Dinitrophenol	9.97	184	124158	90.105	nq	97
55) Dibenzofuran	10.10	168	1324115	75.405	nq	99
56) 4-Nitrophenol	10.03	139	169957	88.624	nq	96
57) 2,4-Dinitrotoluene	10.10	165	347427	77.509	nq	98
58) Fluorene	10.45	166	1057844	73.467	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	255856	75.930	nq	99
60) Diethylphthalate	10.32	149	1177148	75.300	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	534455	74.265	nq	92
62) 4-Nitroaniline	10.49	138	286382	70.170	nq	100
63) Azobenzene	10.59	77	1007212	74.919	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	172628	80.901	nq	87
66) n-Nitrosodiphenylamine	10.56	169	938377	73.500	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	345936	73.180	nq	98
68) Hexachlorobenzene	11.00	284	407800	72.507	nq	96
70) Pentachlorophenol	11.19	266	141227	80.805	nq	99
71) Phenanthrene	11.41	178	1579321	76.757	nq	99
72) Anthracene	11.46	178	1555823	74.701	nq	100
73) Carbazole	11.62	167	1355885	71.000	nq	99
74) Di-n-butylphthalate	11.94	149	1765728	70.501	nq	100
75) Fluoranthene	12.60	202	1590878	73.385	nq	99
77) Benzidine	12.73	184	442849	68.895	nq	96
78) Pyrene	12.84	202	1529131	77.856	nq	100
80) Butylbenzylphthalate	13.45	149	685905	79.268	nq	96
81) Benzo(a)anthracene	14.03	228	1244237	76.900	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	410539	79.979	nq	99
83) Chrysene	14.07	228	1198488	77.265	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	936252	86.476	nq	98
85) Di-n-octyl phthalate	14.62	149	1311508	78.719	nq	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1162679	104.917	nq	99
88) Benzo(b)fluoranthene	15.09	252	1062166	73.246	nq	99
89) Benzo(k)fluoranthene	15.12	252	1074375	75.279	nq	98
90) Benzo(a)pyrene	15.47	252	985290	74.521	nq	98
91) Dibenzo(a,h)anthracene	17.04	278	950035	92.142	nq	98
92) Benzo(g,h,i)perylene	17.49	276	916912	85.729	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 88792

Ion Ratio Lower Upper

152 100

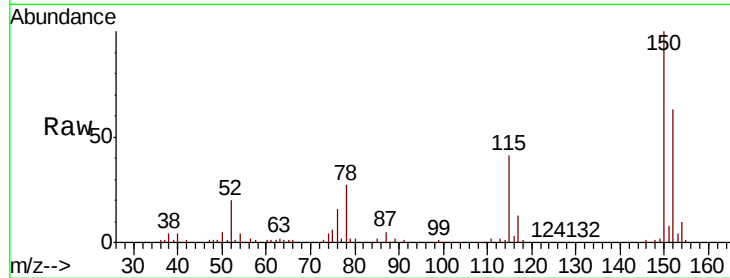
150 158.2 124.7 187.1

115 64.4 49.0 73.6

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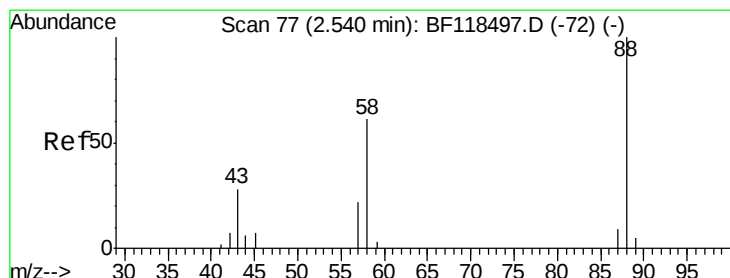
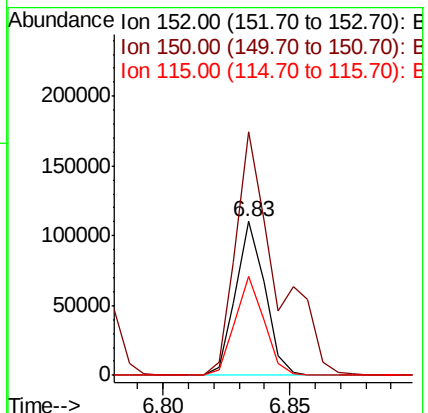
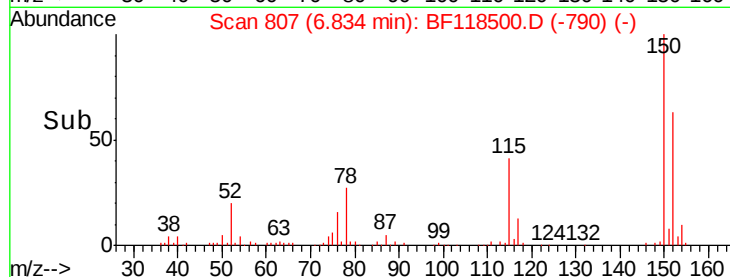
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 80.765 ng

RT: 2.54 min Scan# 77

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

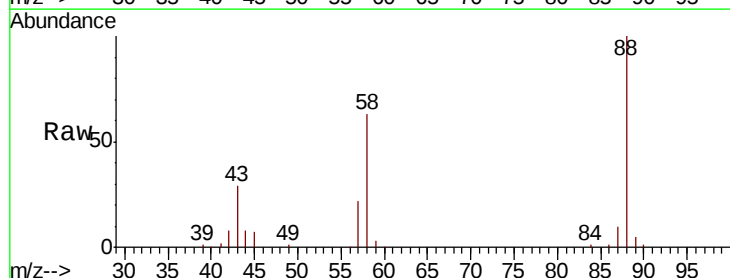
Tgt Ion: 88 Resp: 135093

Ion Ratio Lower Upper

88 100

58 61.3 48.3 72.5

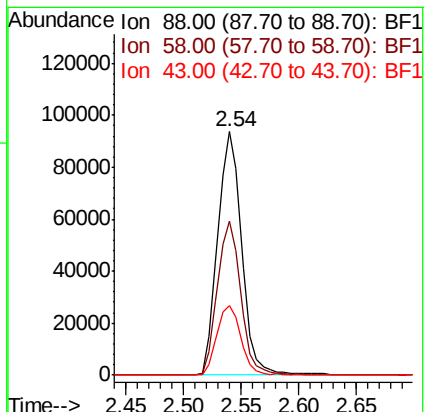
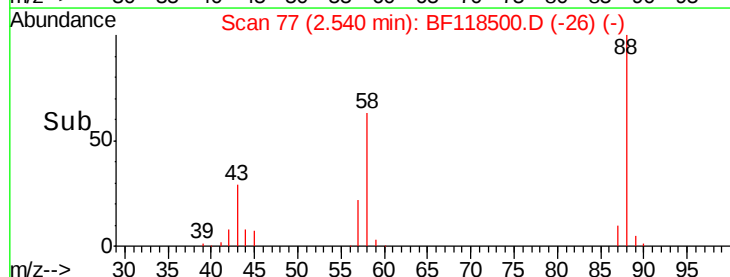
43 28.9 23.4 35.0

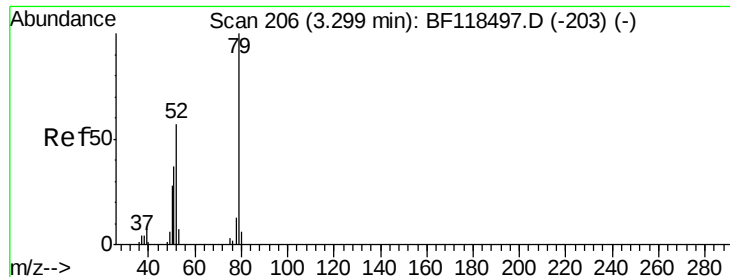


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 84.520 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

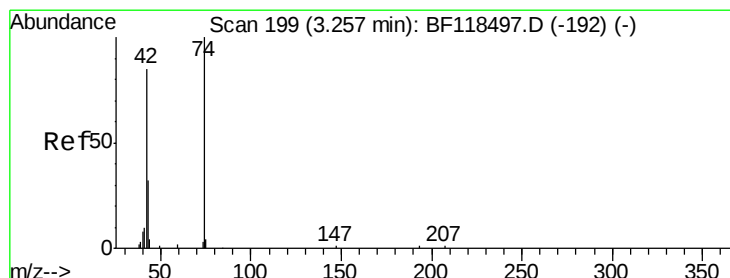
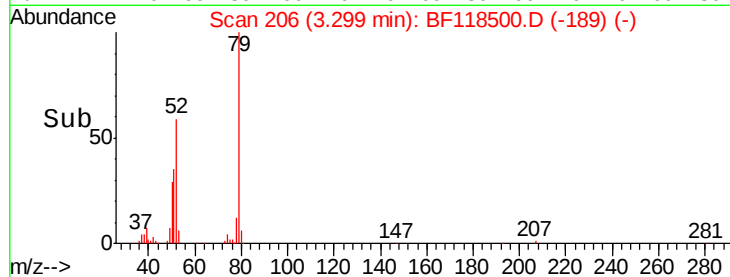
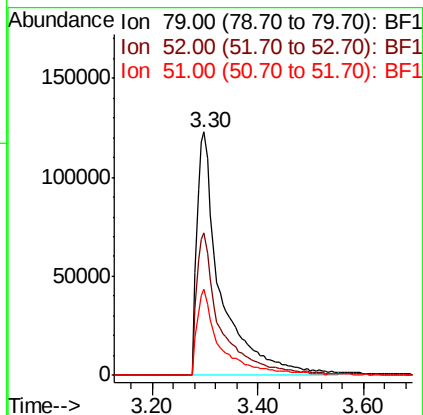
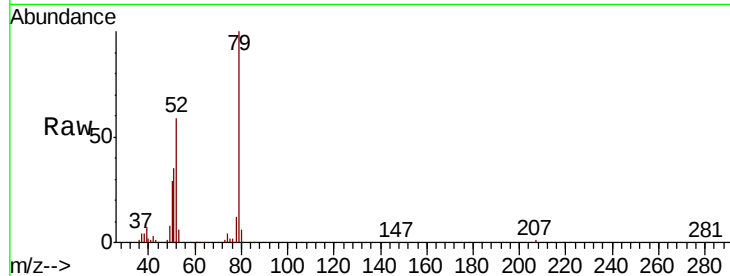
ClientSampleId :

SSTDICC080

Tot Ion:	79	Resp:	388645
Ion	Ratio	Lower	Upper
79	100		
52	58.5	45.9	68.9
51	35.2	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 87.125 ng

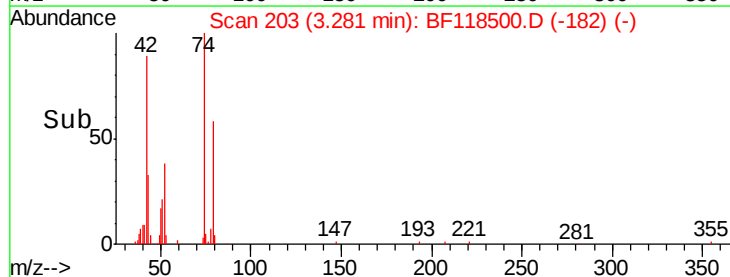
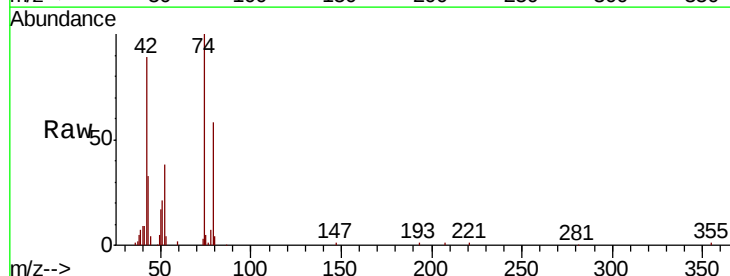
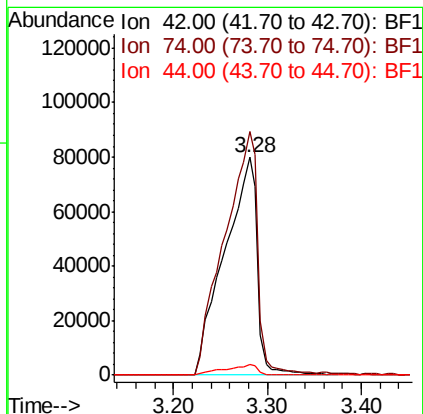
RT: 3.28 min Scan# 203

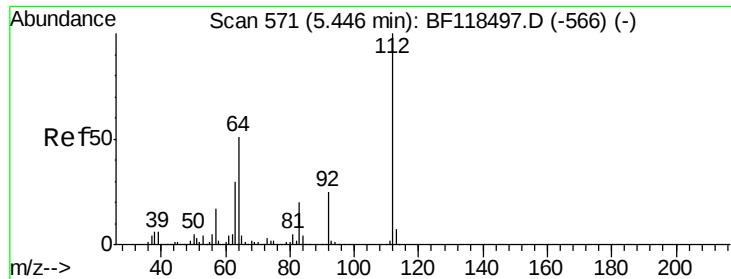
Delta R.T. 0.02 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	42	Resp:	193621
Ion	Ratio	Lower	Upper
42	100		
74	111.9	94.1	141.1
44	4.8	4.1	6.1





#5

2-Fluorophenol

Concen: 161.686 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

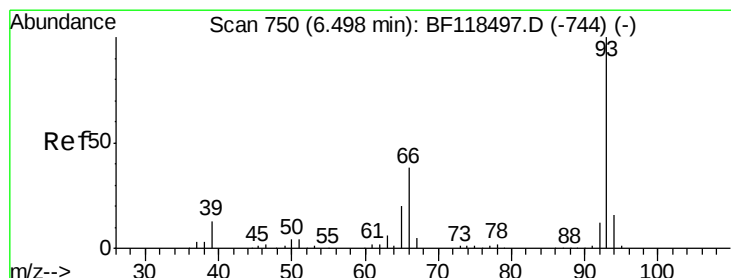
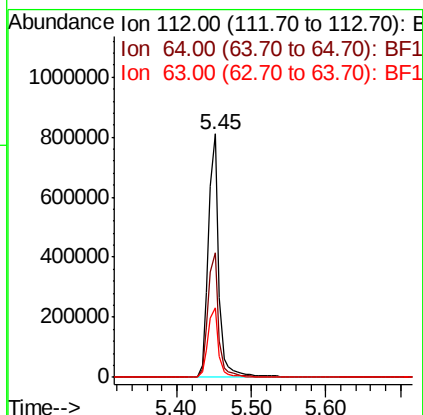
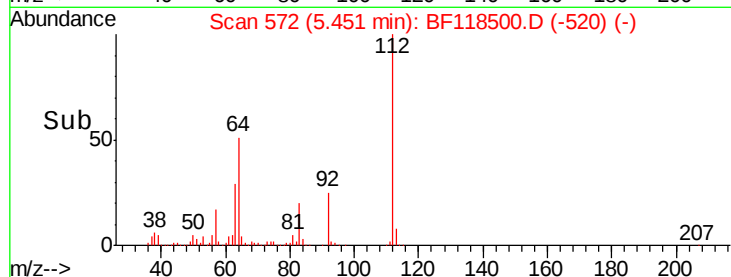
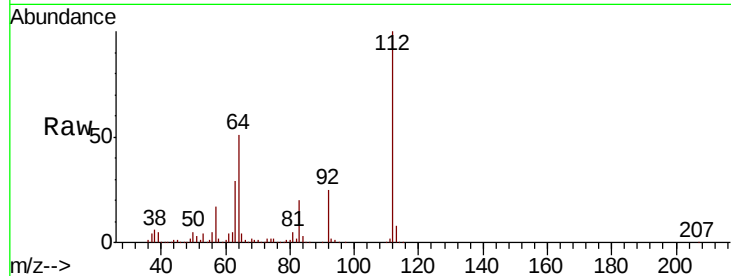
ClientSampleId :

SSTDIC080

Tot Ion:	112	Resp:	799756
Ion Ratio	Lower	Upper	
112	100		
64	51.4	41.1	61.7
63	28.6	24.1	36.1

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#6

Aniline

Concen: 75.384 ng

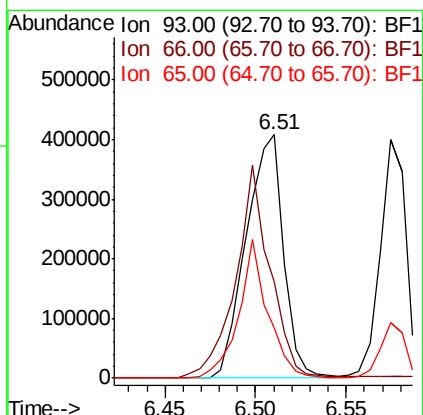
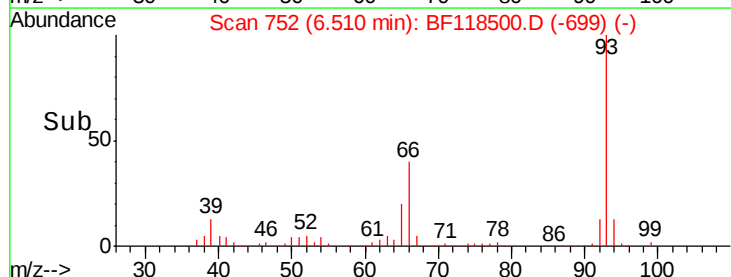
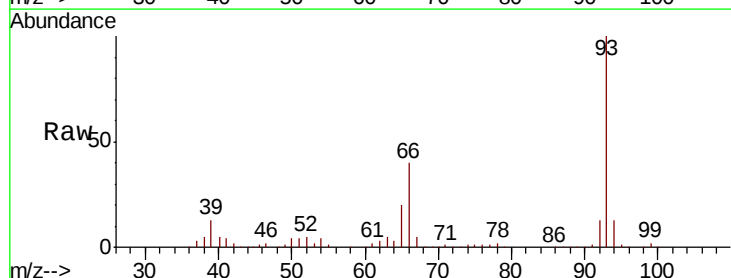
RT: 6.51 min Scan# 752

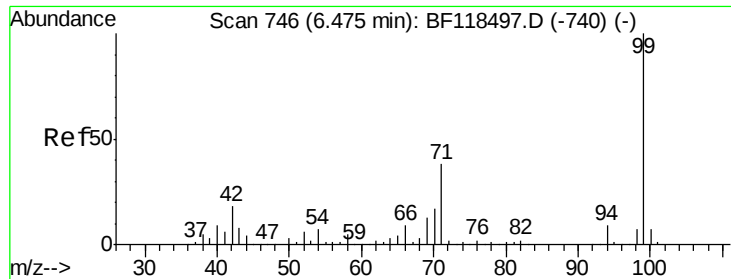
Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	93	Resp:	588043
Ion Ratio	Lower	Upper	
93	100		
66	39.5	33.4	50.0
65	20.5	16.7	25.1





#7

Phenol-d6

Concen: 151.329 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF118500.D

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BNA_F

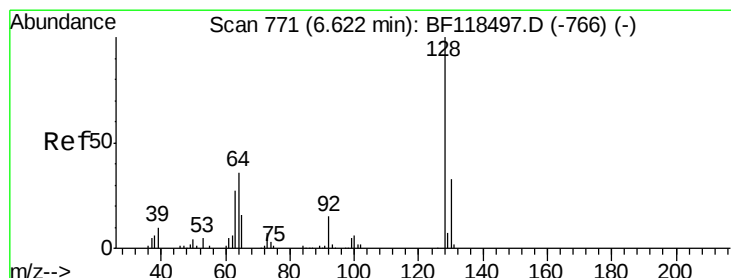
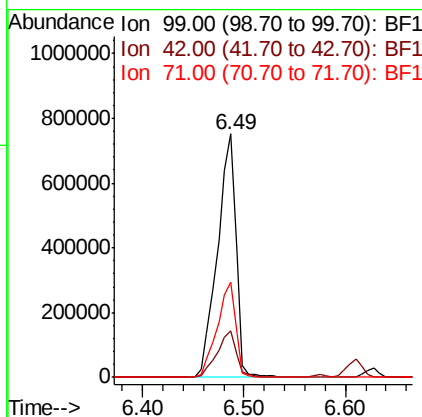
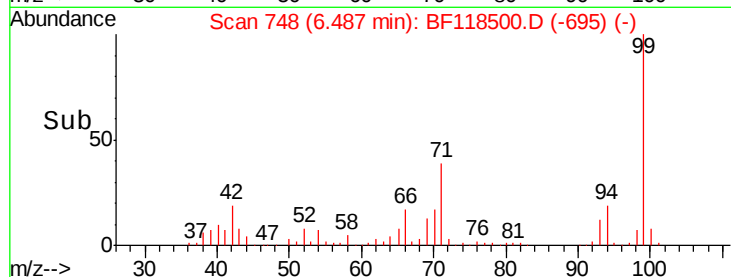
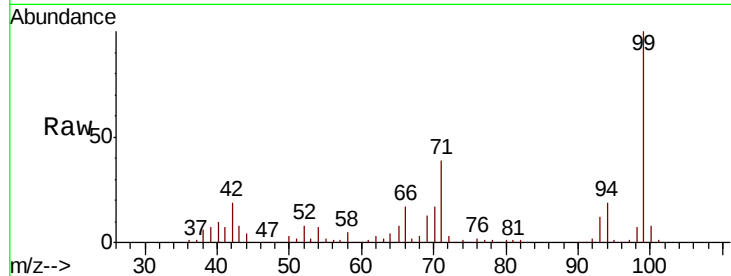
ClientSampleId :

SSTDIC080

Tot Ion:	99	Resp:	955411
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	39.3	30.6	45.8

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#8

2-Chlorophenol

Concen: 77.989 ng

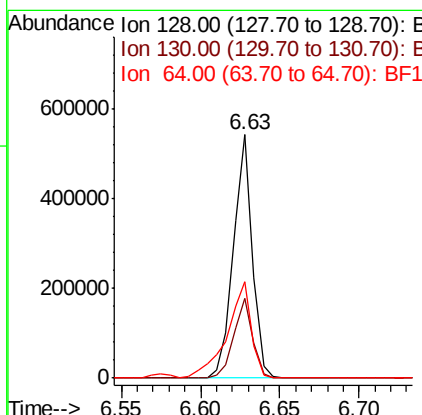
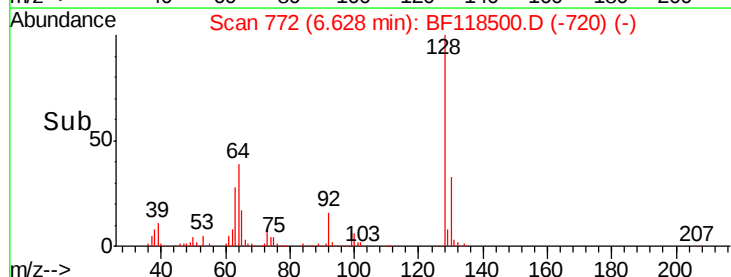
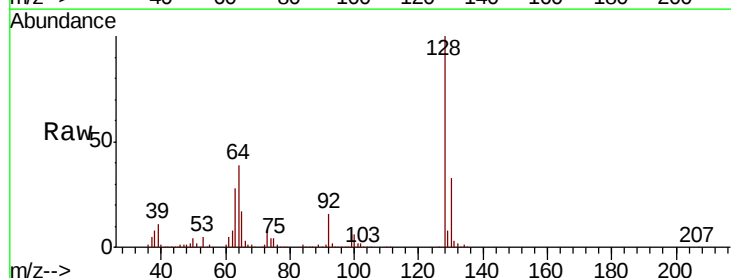
RT: 6.63 min Scan# 772

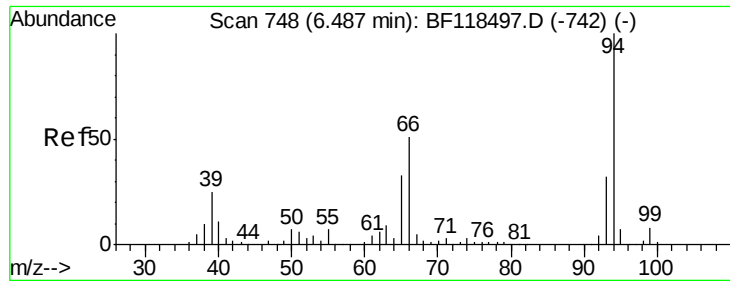
Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	128	Resp:	449659
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.7	52.7
64	39.5	17.8	57.8





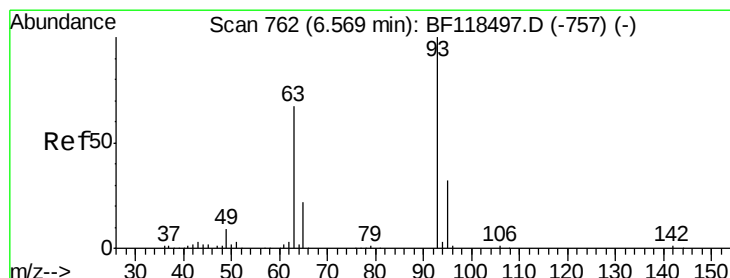
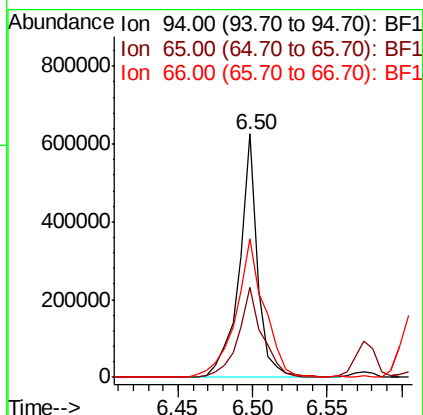
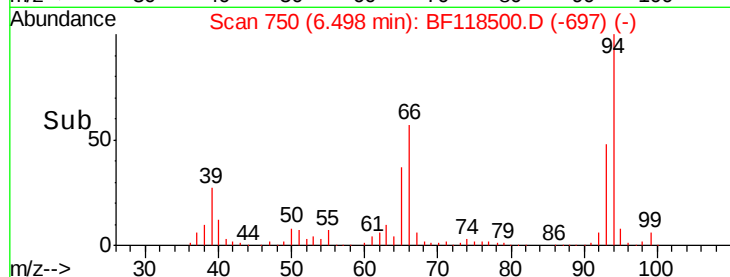
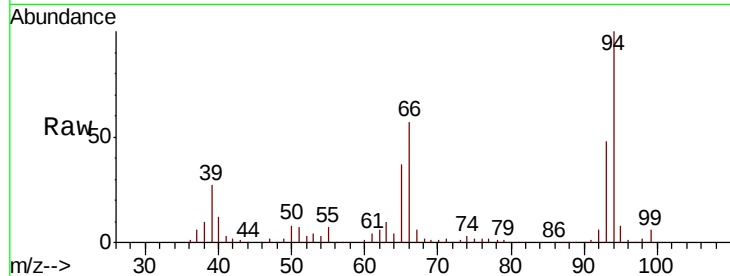
#10
Phenol
Concen: 76.713 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
94	100		
65	37.1	13.3	53.3
66	57.1	30.9	70.9

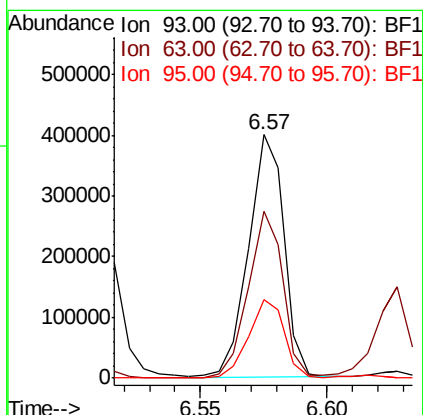
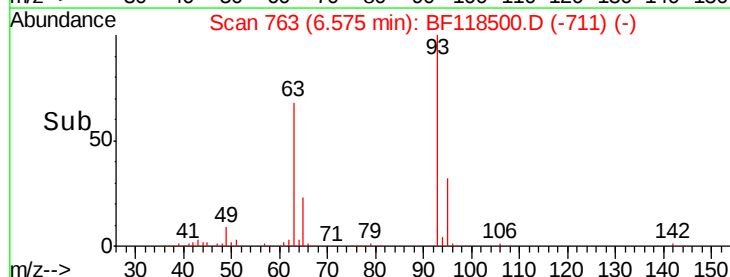
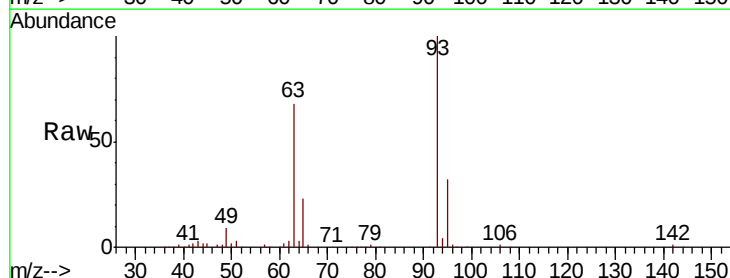
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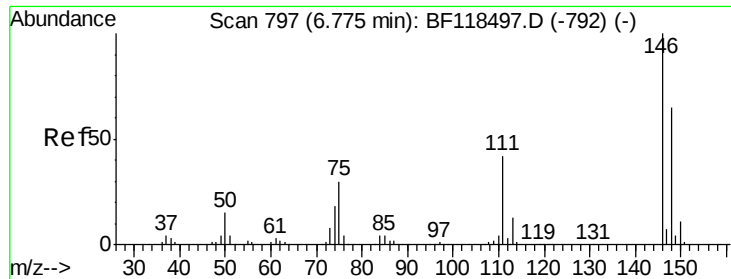
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#11
bis(2-Chloroethyl)ether
Concen: 79.514 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.3	46.6	86.6
95	32.2	11.5	51.5





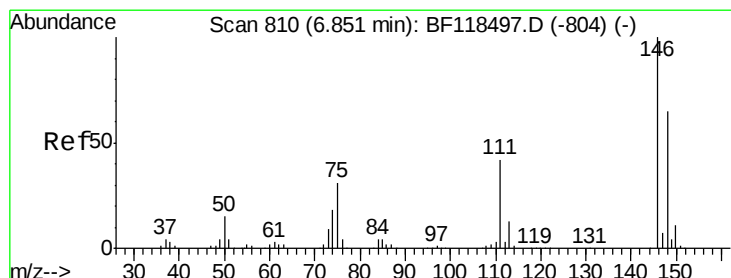
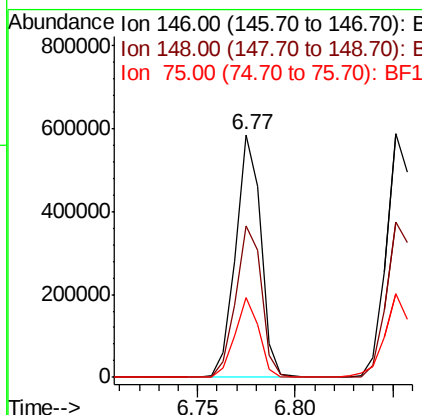
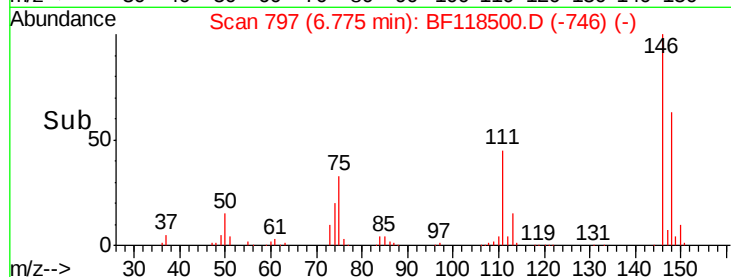
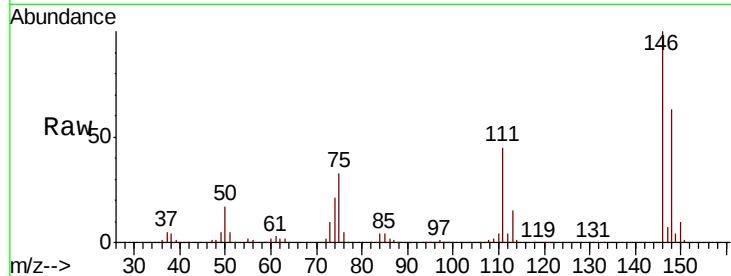
#12
 1,3-Dichlorobenzene
 Concen: 76.759 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.4	78.6
75	32.7	24.1	36.1

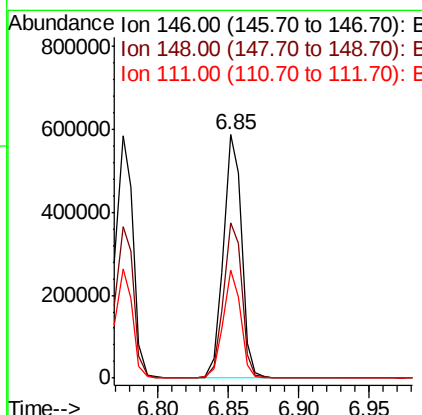
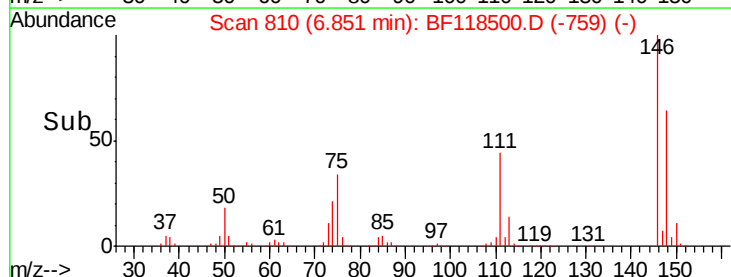
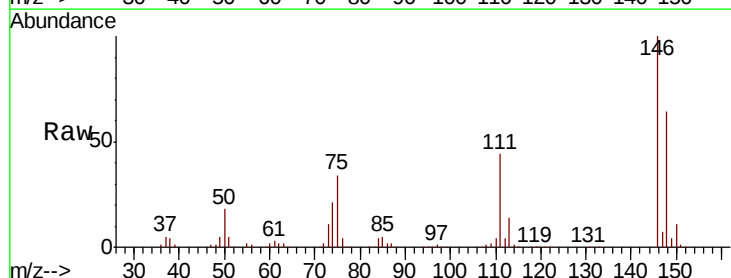
Manual Integrations
 APPROVED

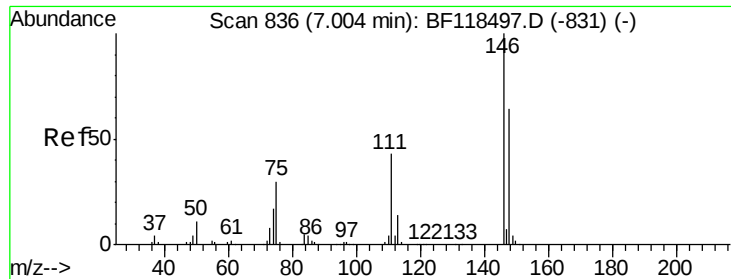
mohammad
 1/9/2020 12:10:37 PM



#13
 1,4-Dichlorobenzene
 Concen: 76.583 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	44.1	33.2	49.8





#14

1,2-Dichlorobenzene

Concen: 76.618 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

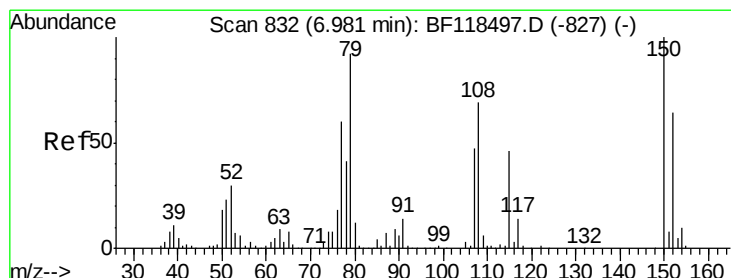
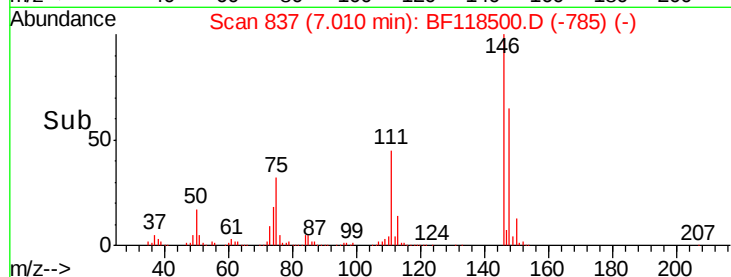
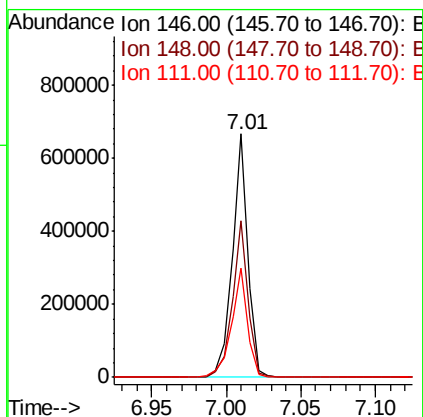
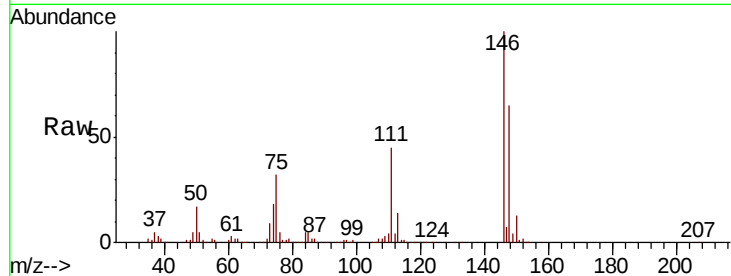
ClientSampleId :

SSTDIC080

Tot Ion:	146	Resp:	496756
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
111	44.9	34.7	52.1

Manual Integrations
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#15

Benzyl Alcohol

Concen: 78.292 ng

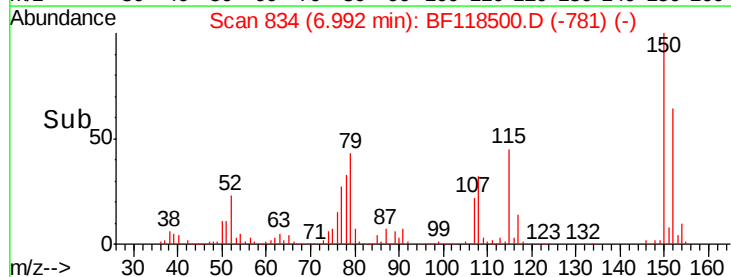
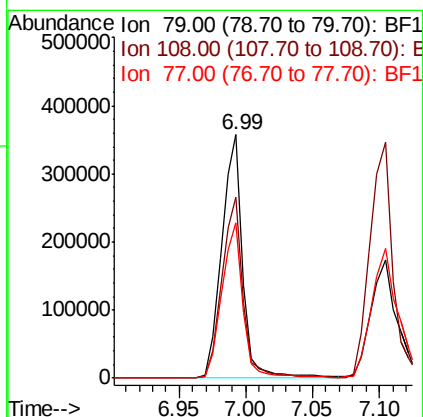
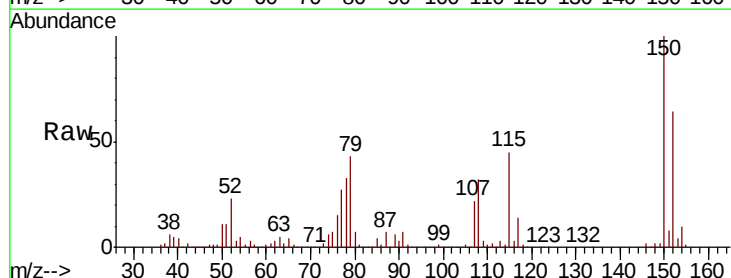
RT: 6.99 min Scan# 834

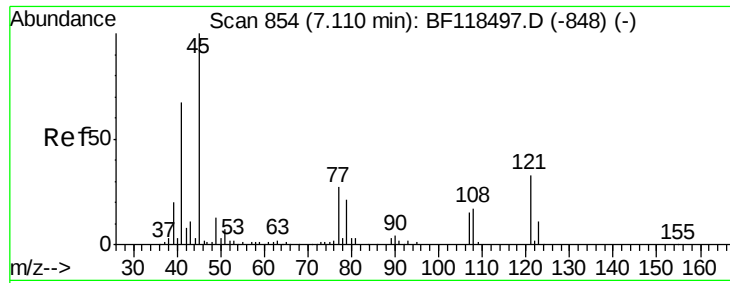
Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	79	Resp:	396191
Ion Ratio	Lower	Upper	
79	100		
108	74.5	60.2	90.2
77	64.0	51.8	77.8





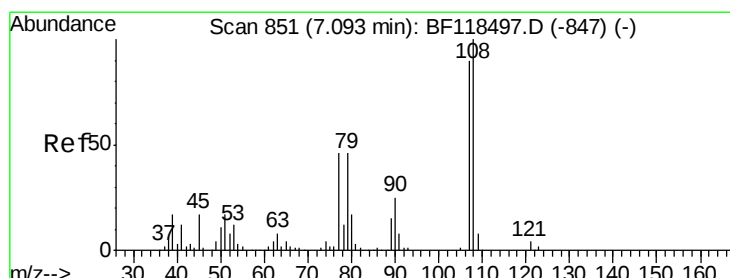
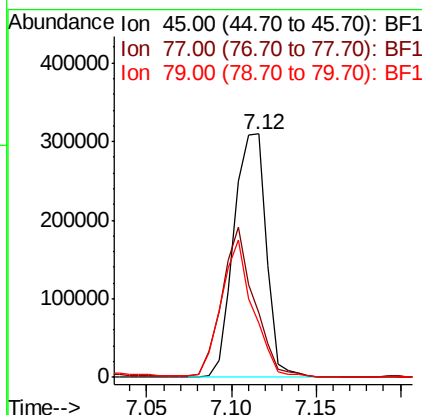
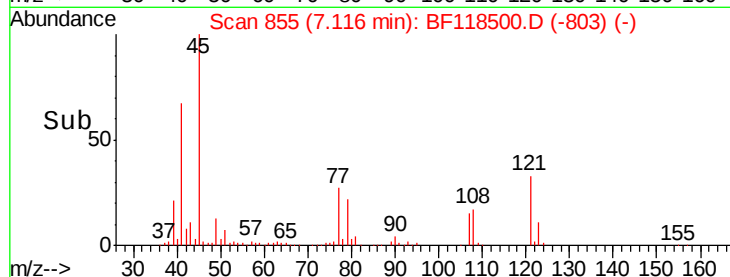
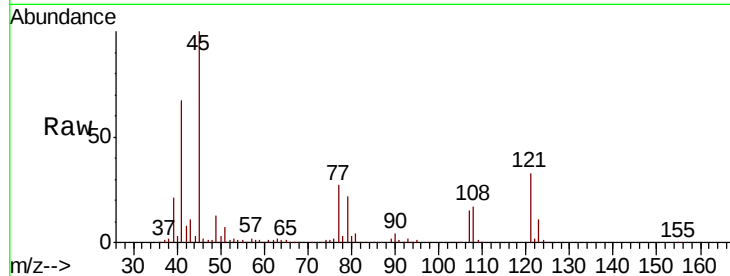
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 76.406 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	26.7	7.6	47.6
79	22.3	2.0	42.0

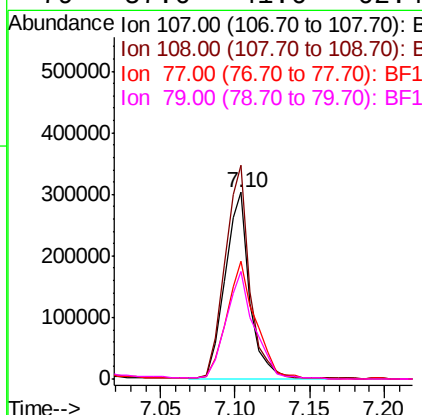
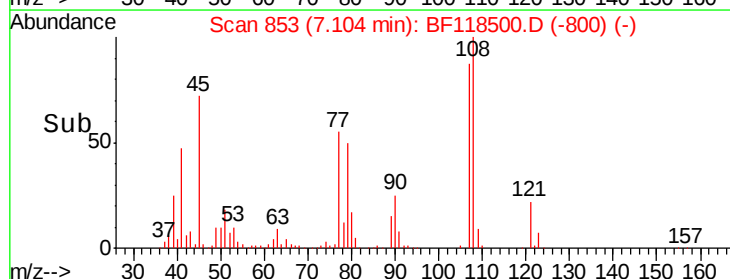
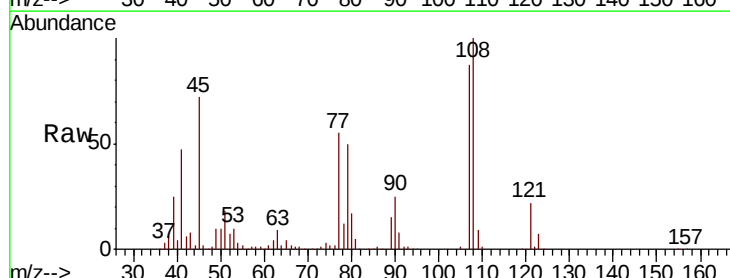
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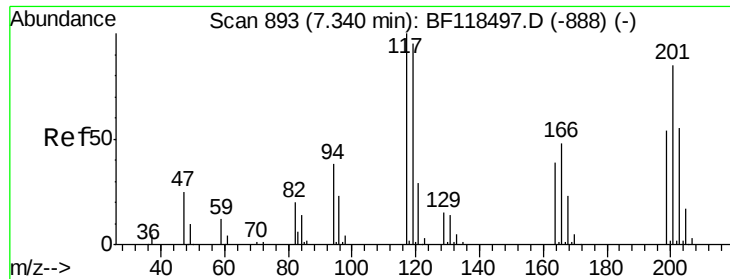
mohammad
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#17
2-Methylphenol
Concen: 75.585 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.6	88.9	133.3
77	63.2	41.2	61.8
79	57.6	41.6	62.4





#18

Hexachloroethane

Concen: 78.426 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

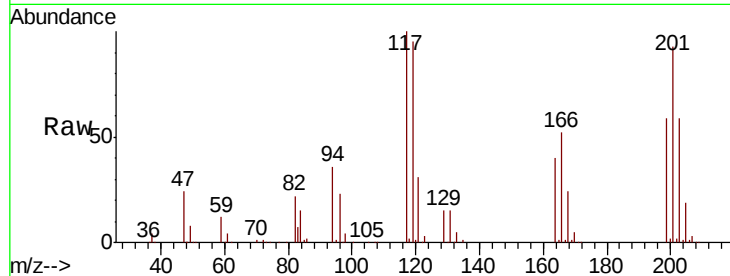
ClientSampleId :

SSTDIC080

Tot Ion:	117	Resp:	199192
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.2	114.4
201	93.2	67.7	101.5

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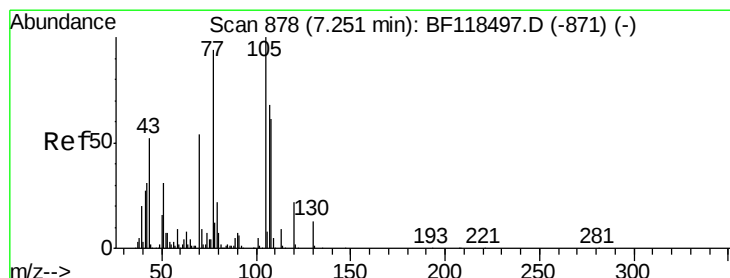
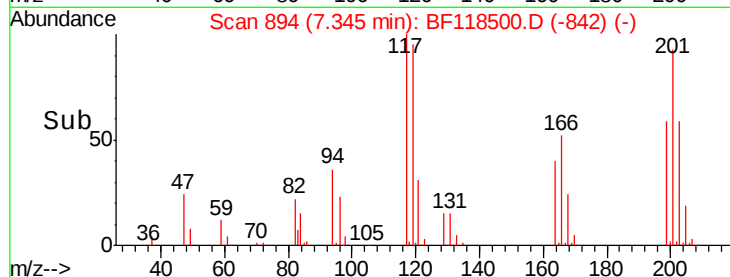
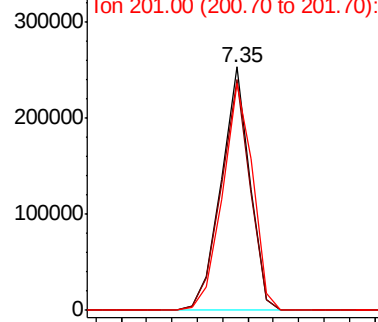


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 79.830 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	70	Resp:	313609
Ion Ratio	Lower	Upper	
70	100		
42	56.9	45.6	68.4
101	10.2	8.2	12.2
130	23.0	19.2	28.8

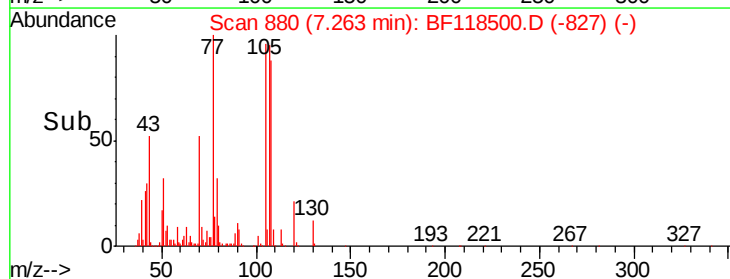
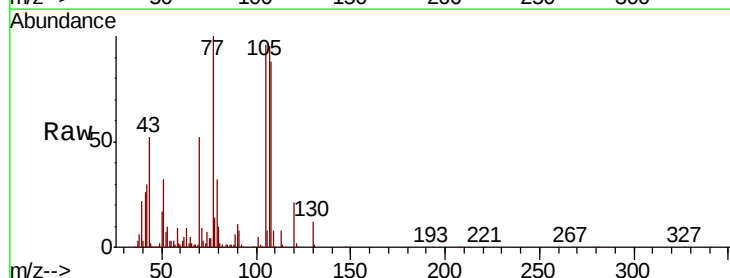
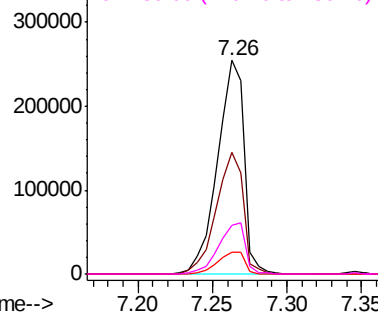
Abundance

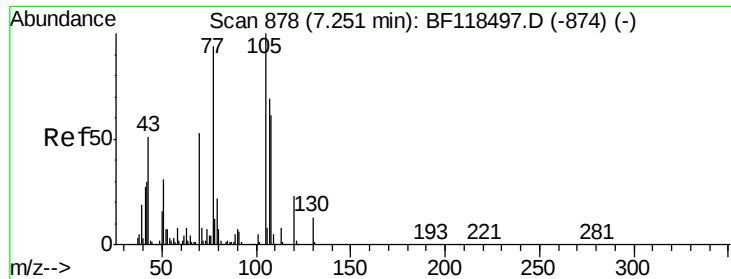
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





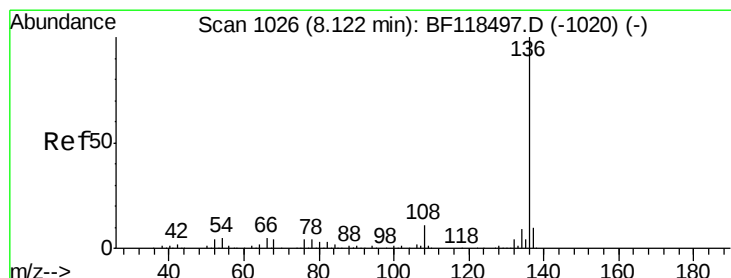
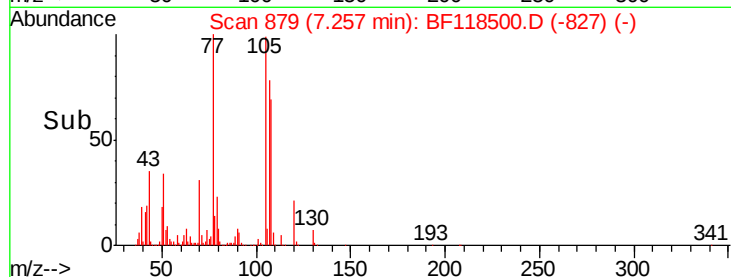
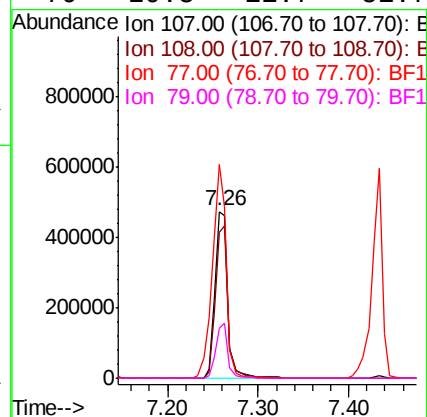
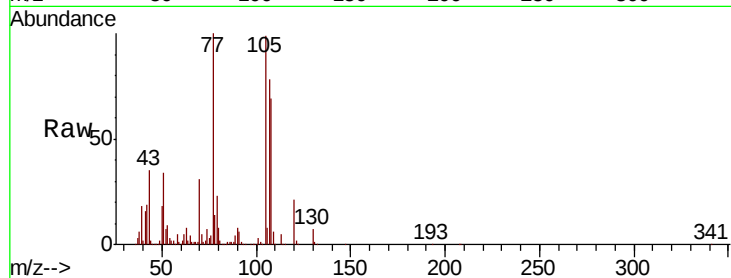
#20
3+4-Methylphenols
Concen: 77.621 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.6	68.9	108.9	
77	127.9	116.8	156.8	
79	29.8	11.7	51.7	

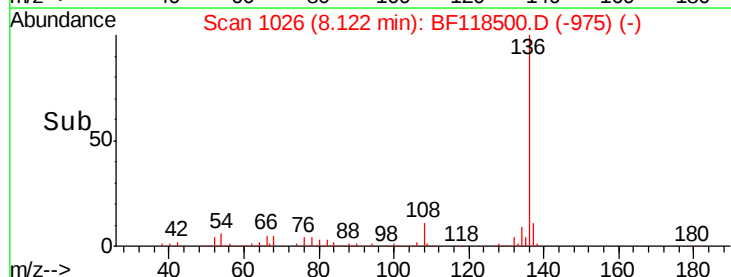
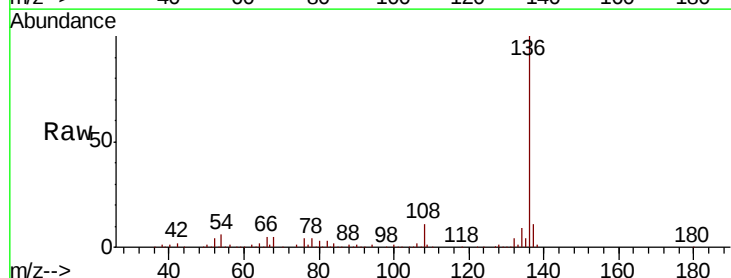
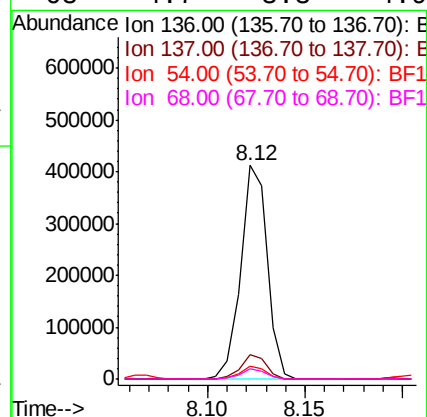
Manual Integrations
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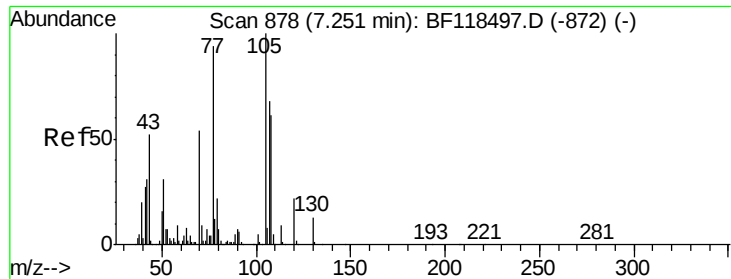
mohammad
1/9/2020 12:10:37 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.3	12.5	
54	5.7	4.2	6.2	
68	4.7	3.3	4.9	





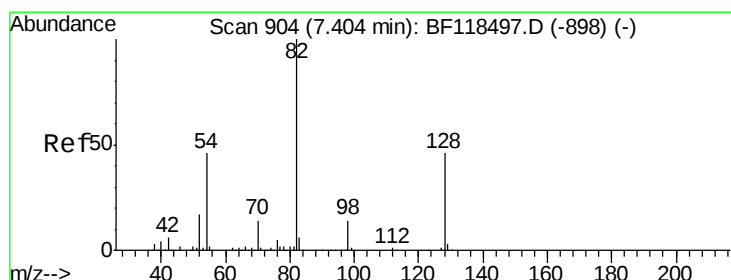
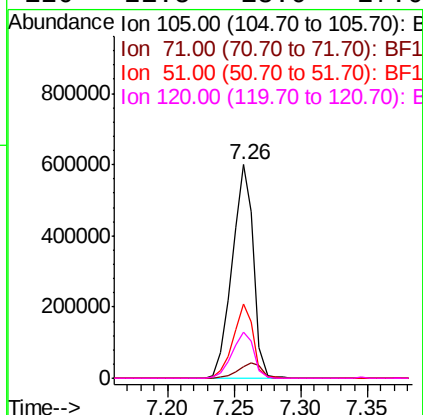
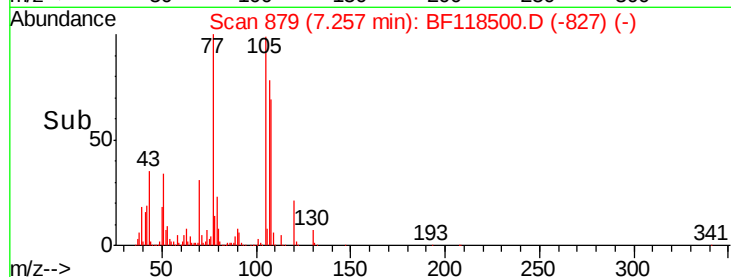
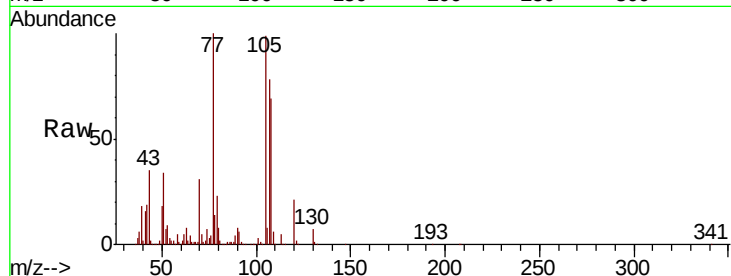
#22
Acetophenone
Concen: 67.365 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
105	100		
71	5.3	6.9	10.3#
51	34.8	25.0	37.4
120	21.5	18.0	27.0

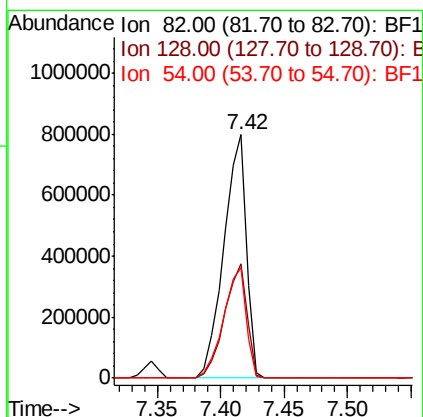
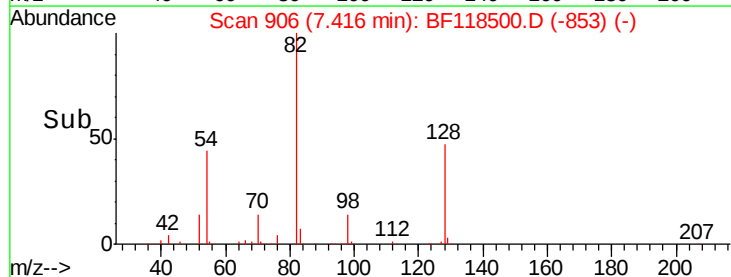
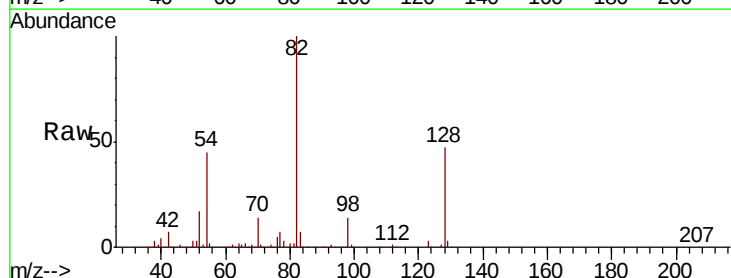
Manual Integrations
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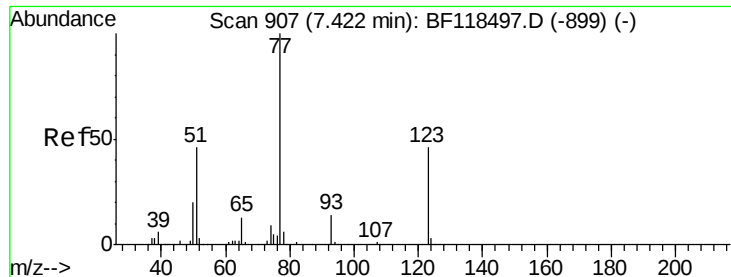
mohammad
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#23
Nitrobenzene-d5
Concen: 136.655 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.6	54.8
54	45.4	37.0	55.6





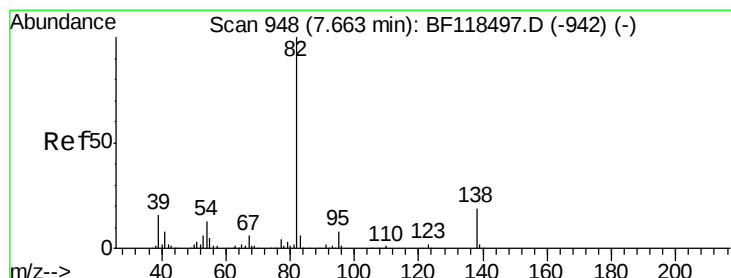
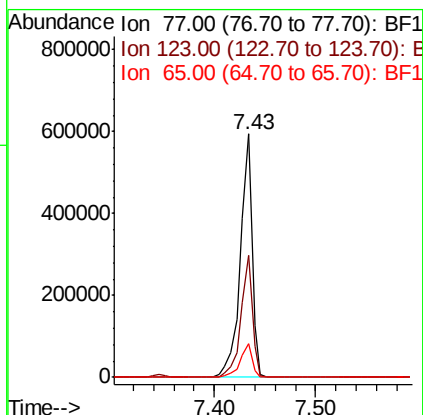
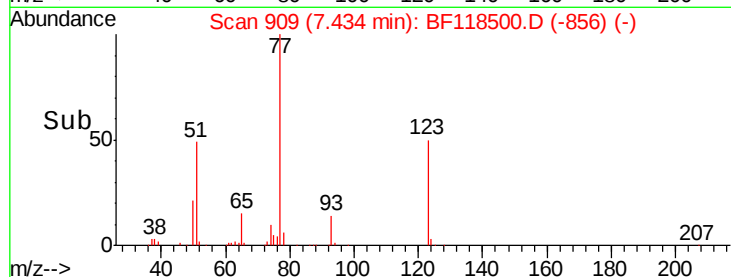
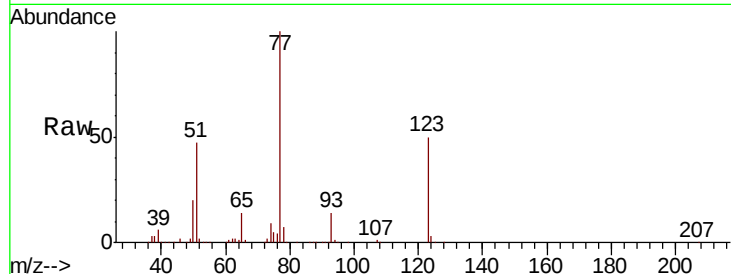
#24
Nitrobenzene
Concen: 67.837 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.0	55.4
65	13.8	10.7	16.1

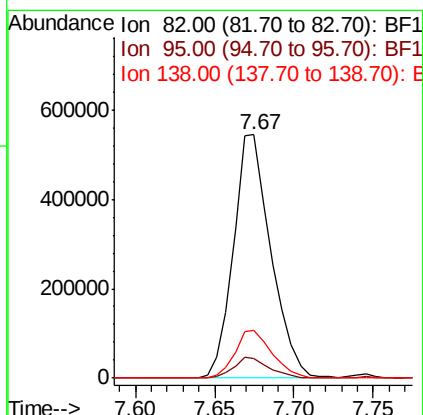
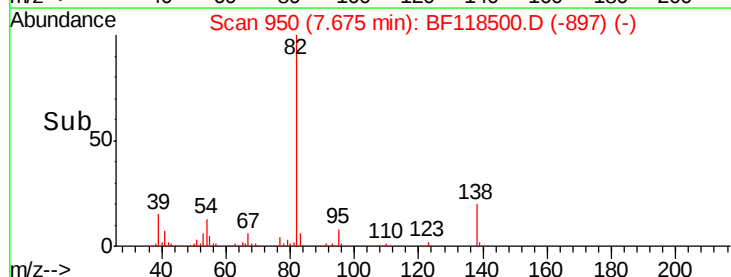
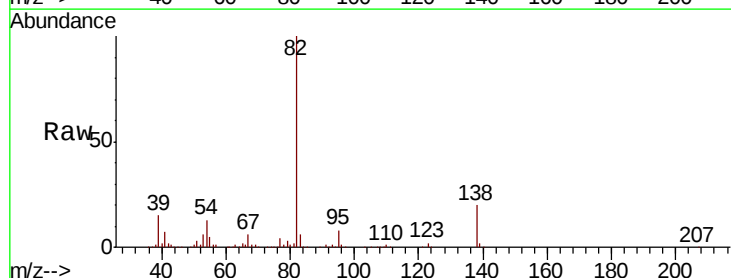
Manual Integrations
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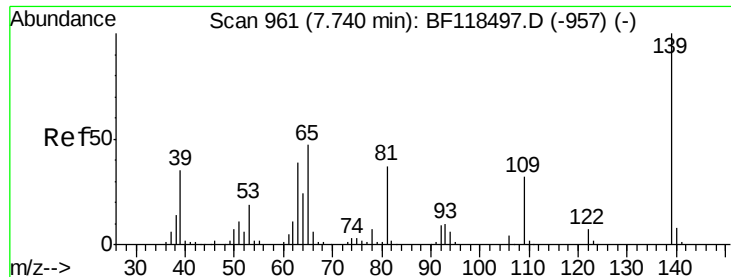
mohammad
1/9/2020 12:10:37 PM



#25
Isophorone
Concen: 73.140 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.6	9.8
138	19.7	15.4	23.2





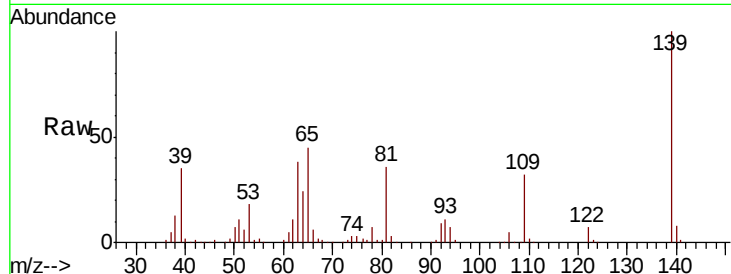
#26
2-Nitrophenol
Concen: 75.084 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	284480		
109	32.0	25.7	38.5	
65	45.4	37.8	56.6	

Manual Integrations
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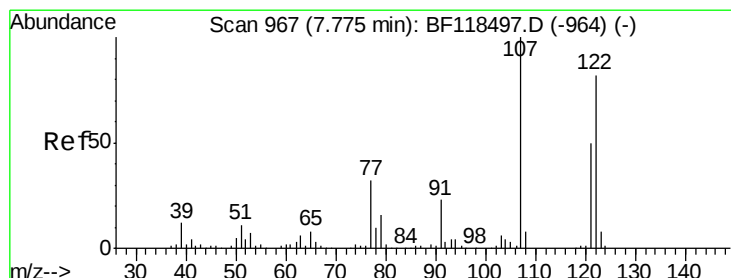
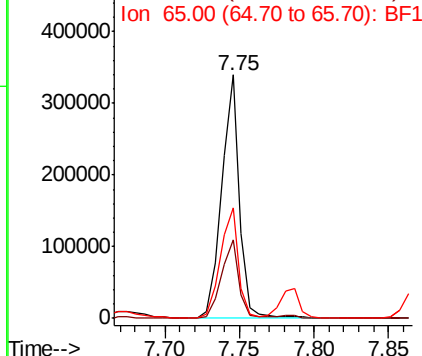
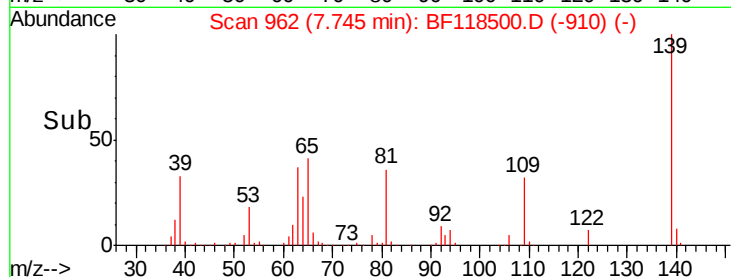


Abundance

Ion 139.00 (138.70 to 139.70): E

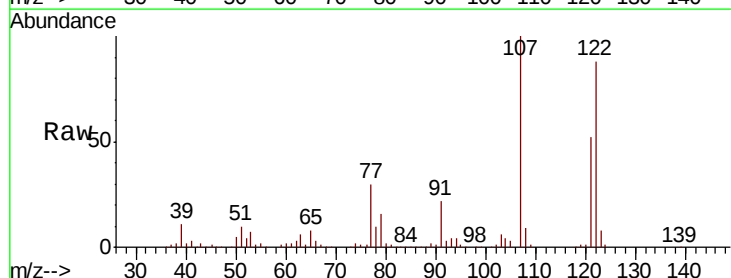
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27
2,4-Dimethylphenol
Concen: 75.657 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	375307		
107	114.1	97.9	146.9	
121	58.9	49.0	73.4	

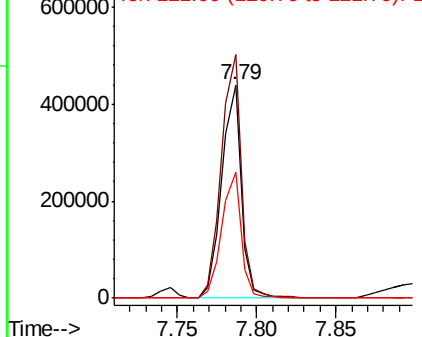
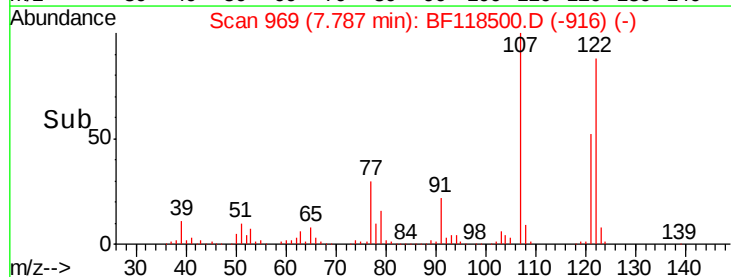


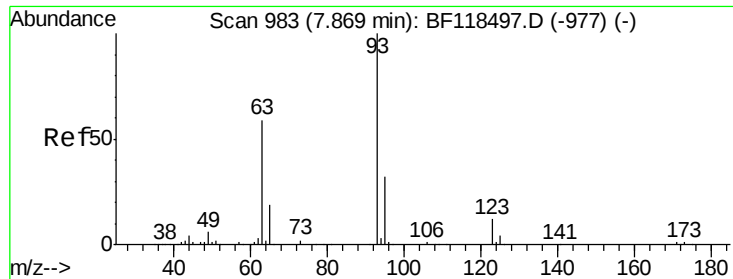
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





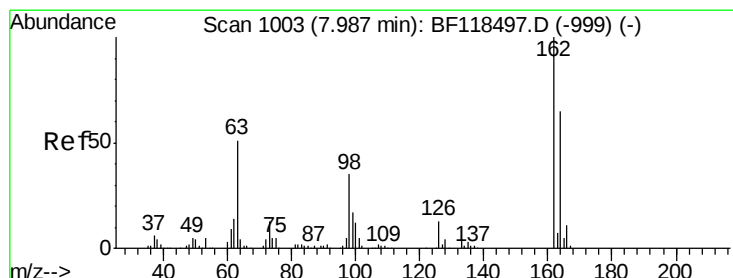
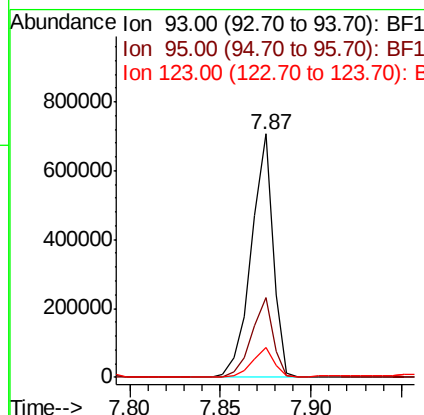
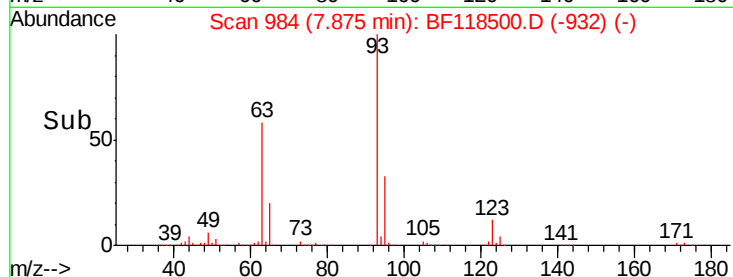
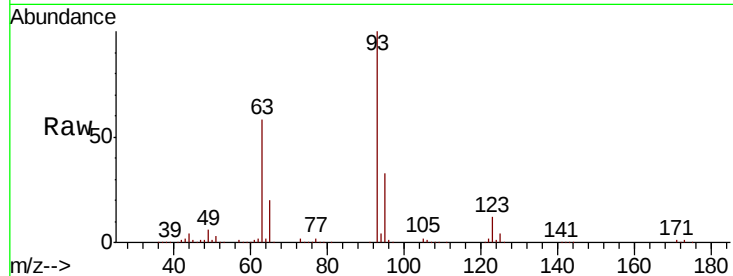
#28
bis(2-Chloroethoxy)methane
Concen: 76.494 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	93	Resp:	591452
Ion Ratio	Lower	Upper	
93	100		
95	32.8	25.9	38.9
123	12.3	9.7	14.5

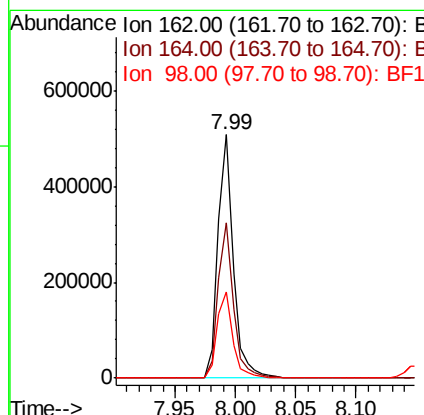
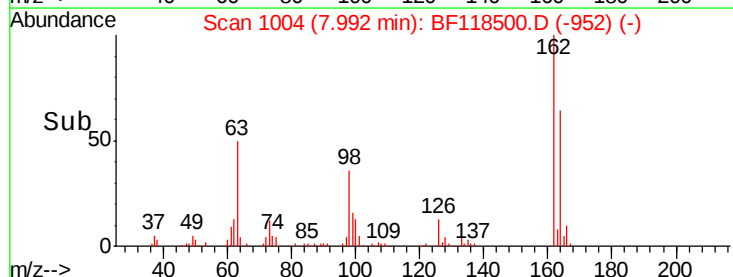
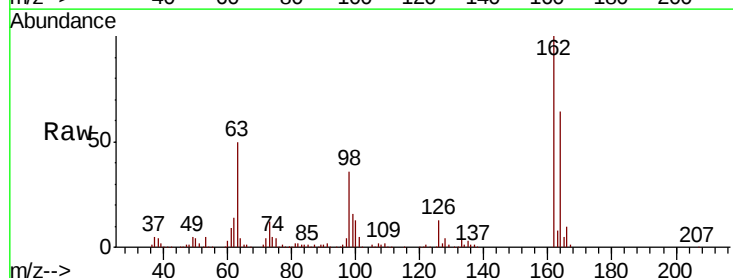
Manual Integrations
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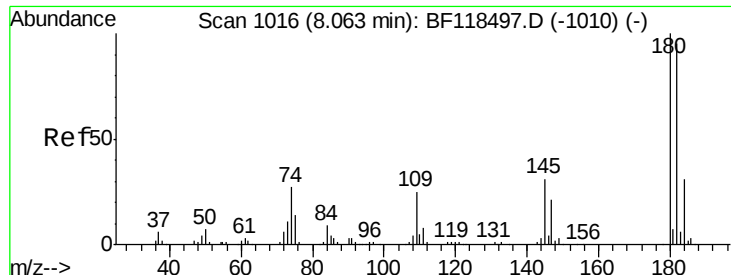
mohammad
1/9/2020 12:10:37 PM



#29
2,4-Dichlorophenol
Concen: 75.828 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:	162	Resp:	443552
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.8	84.8
98	35.6	15.1	55.1





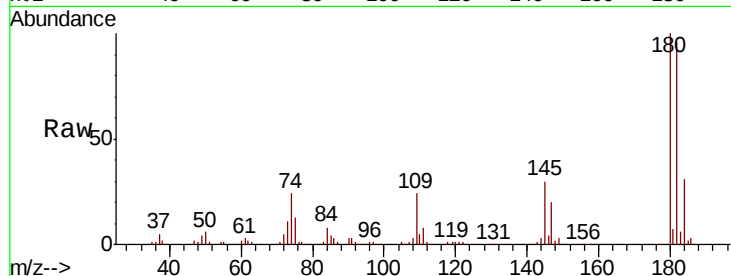
#30
 1,2,4-Trichlorobenzene
 Concen: 74.845 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	30.3	25.0	37.6

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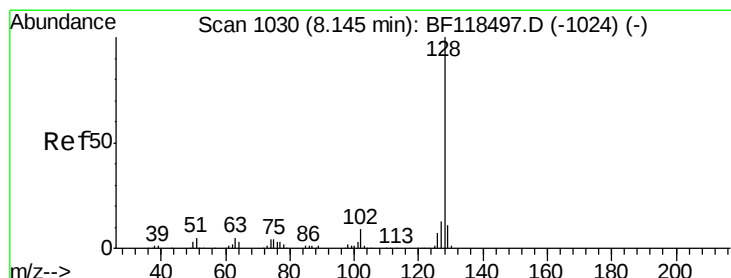
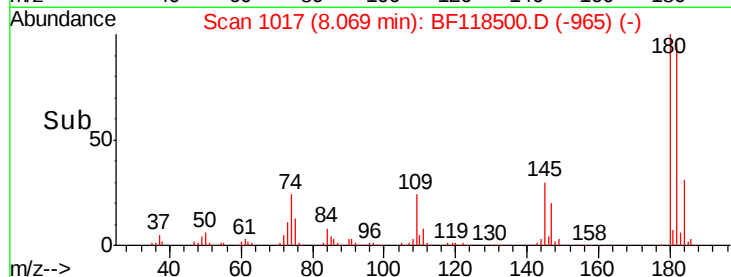
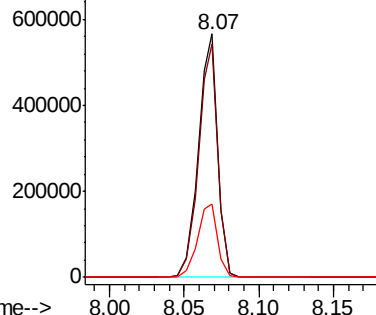


Abundance

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: 75.513 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

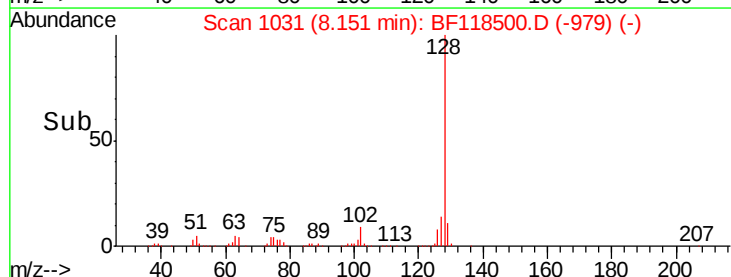
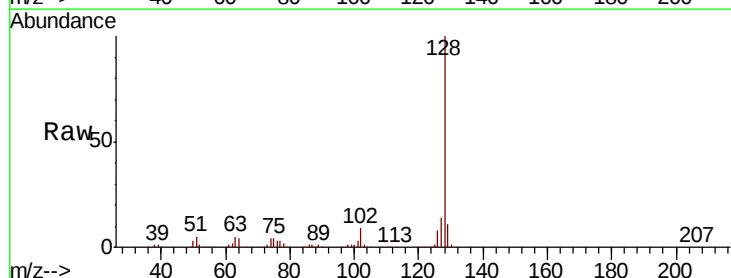
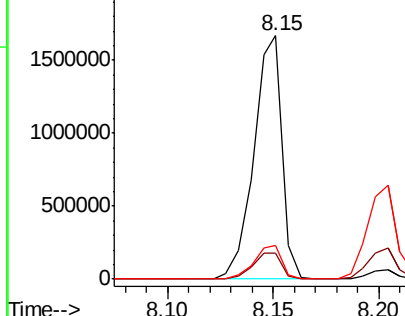
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.7	10.7	16.1

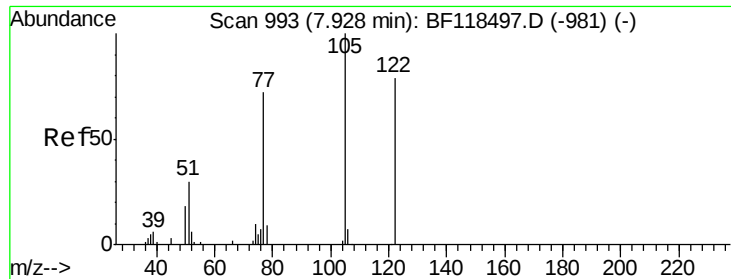
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 88.739 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.04 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

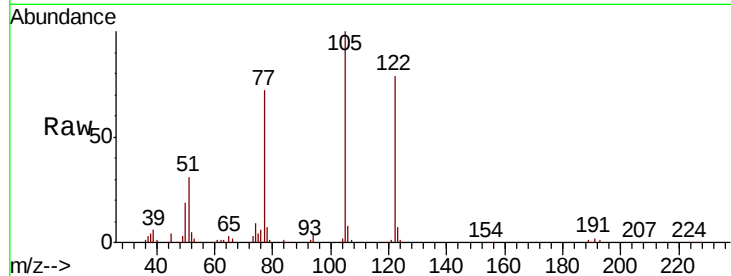
ClientSampleId :

SSTDIC080

Tot Ion:	122	Resp:	306754
Ion Ratio	Lower	Upper	
122	100		
105	125.9	105.7	145.7
77	91.1	71.0	111.0

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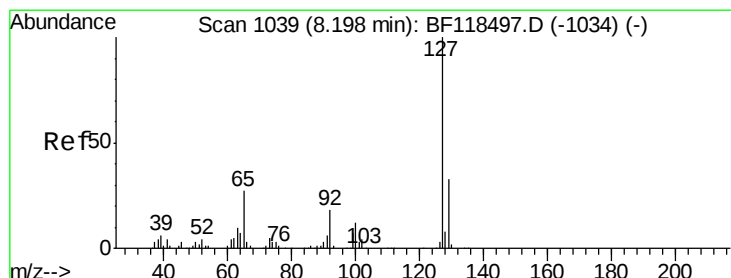
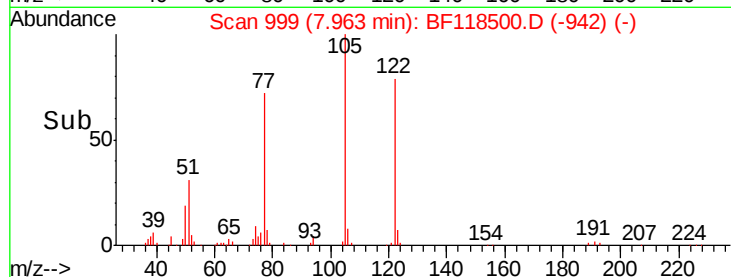
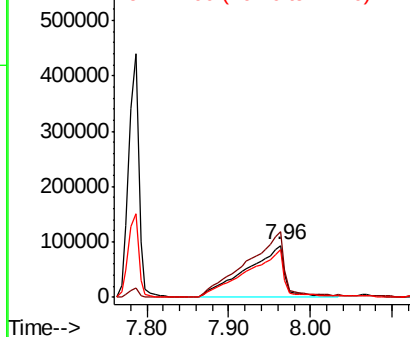


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 73.369 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	127	Resp:	628281
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.4
65	25.6	21.6	32.4
92	18.1	14.3	21.5

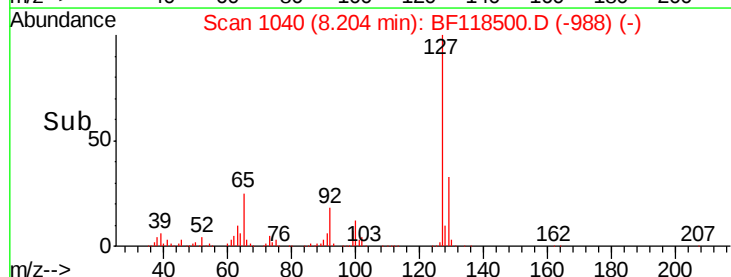
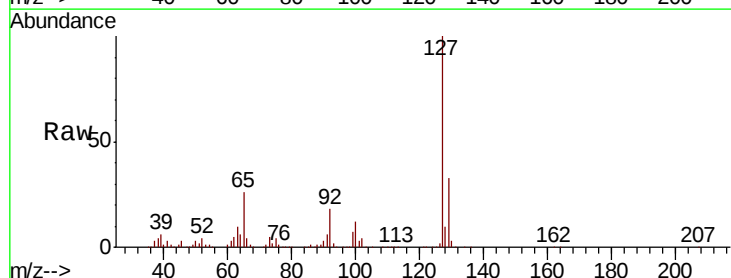
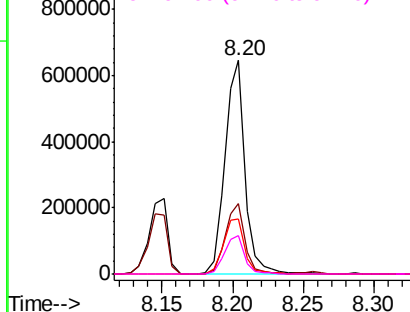
Abundance

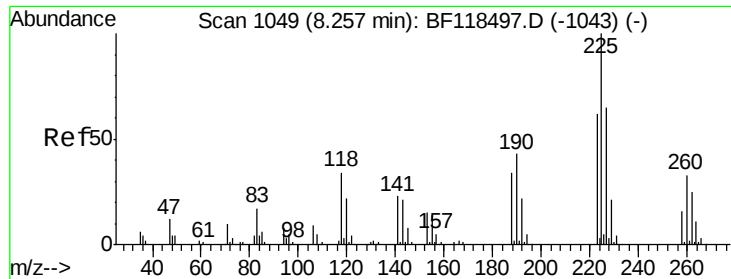
Ion 127.00 (126.70 to 127.70): E

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





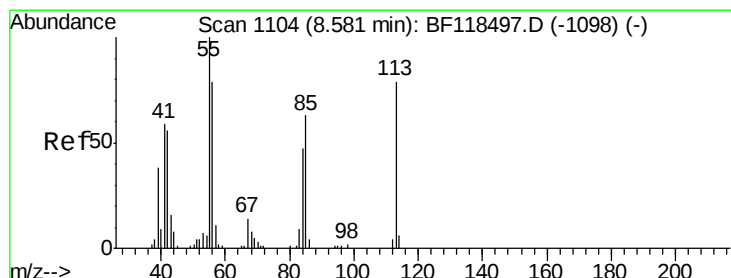
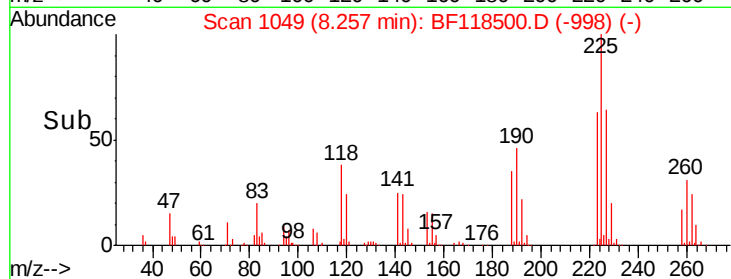
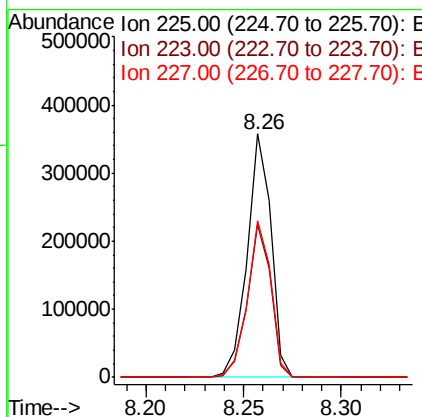
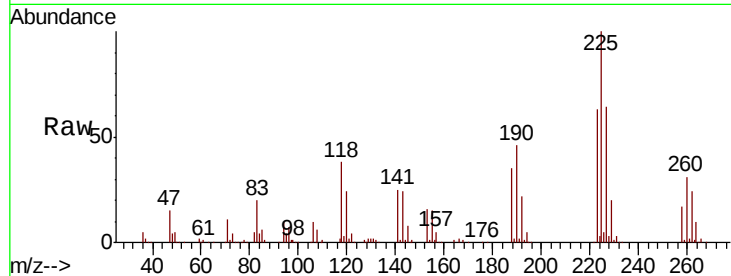
#34
Hexachlorobutadiene
Concen: 73.195 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	225	Resp:	302252
Ion Ratio		Lower	Upper
225	100		
223	62.5	49.9	74.9
227	64.2	51.8	77.6

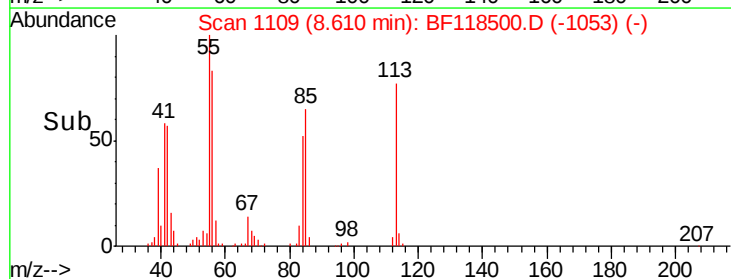
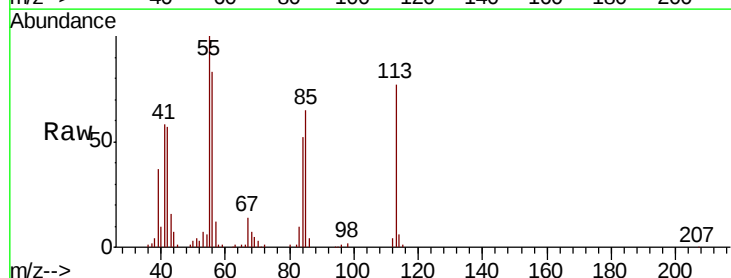
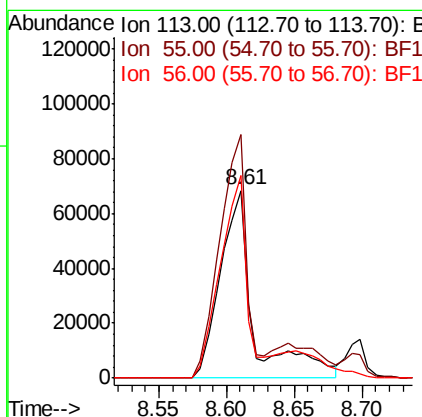
Manual Integrations
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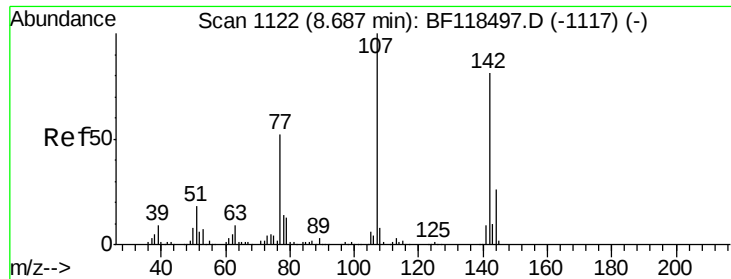
mohammad
1/9/2020 12:10:37 PM



#35
Caprolactam
Concen: 62.923 ng m
RT: 8.61 min Scan# 1109
Delta R.T. 0.03 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:	113	Resp:	116193
Ion Ratio		Lower	Upper
113	100		
55	129.7	106.5	146.5
56	108.0	80.1	120.1





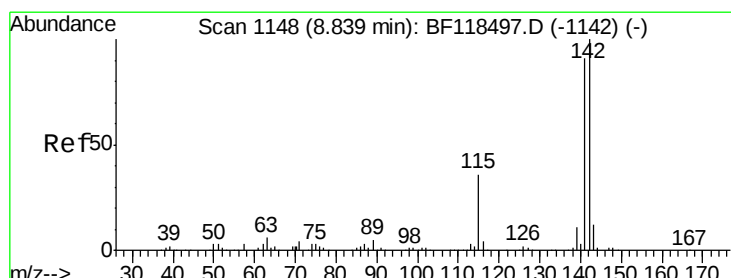
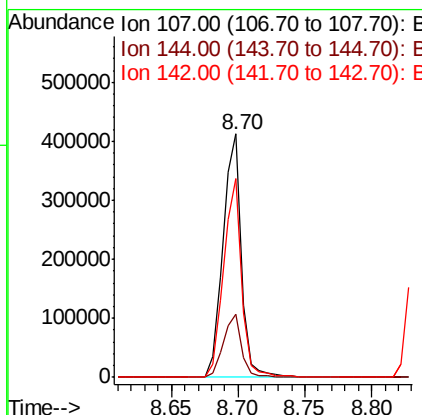
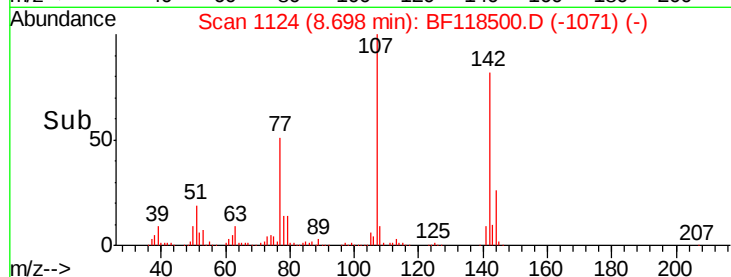
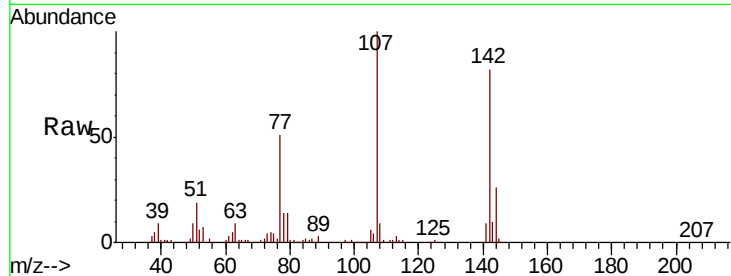
#36
4-Chloro-3-methylphenol
Concen: 65.651 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.6	31.0
142	81.9	65.0	97.4

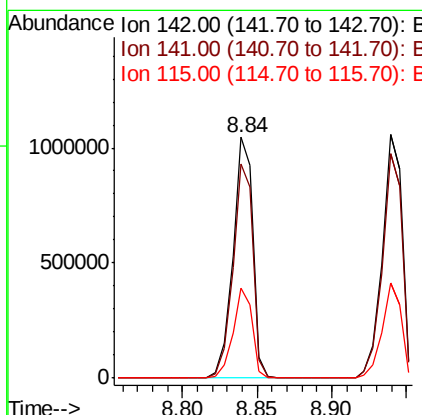
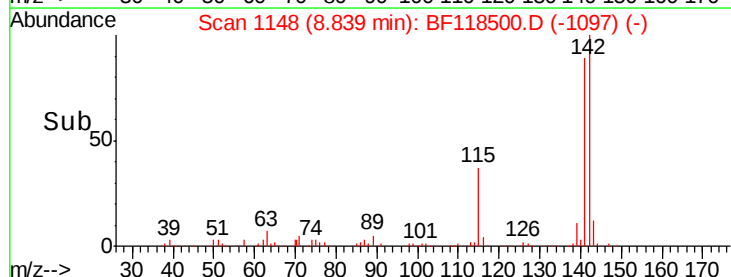
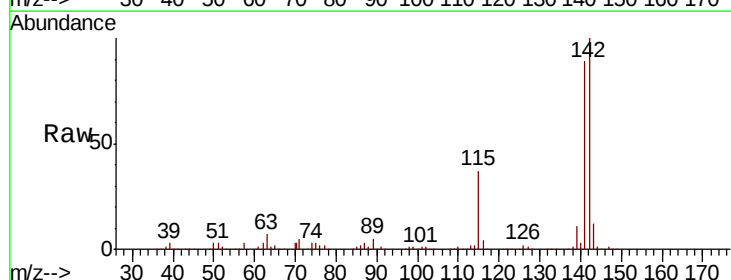
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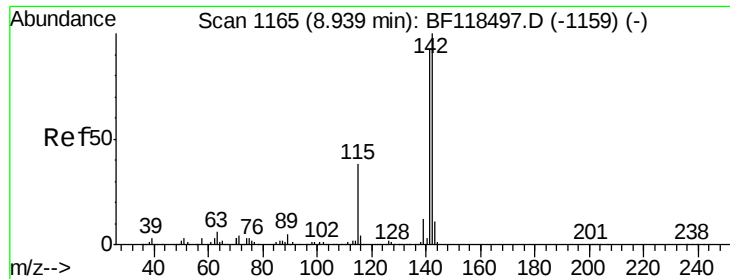
mohammad
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#37
2-Methylnaphthalene
Concen: 70.328 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.0	109.6
115	37.3	28.4	42.6





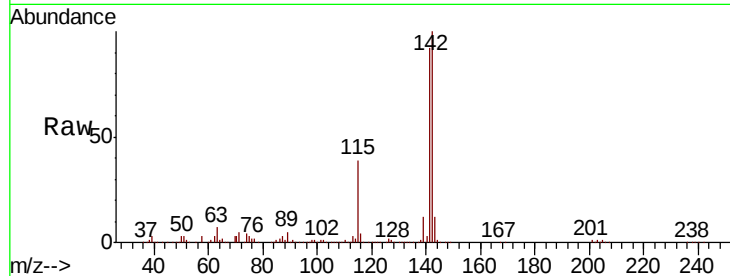
#38
1-Methylnaphthalene
Concen: 71.460 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.3	111.5
116	4.2	3.2	4.8

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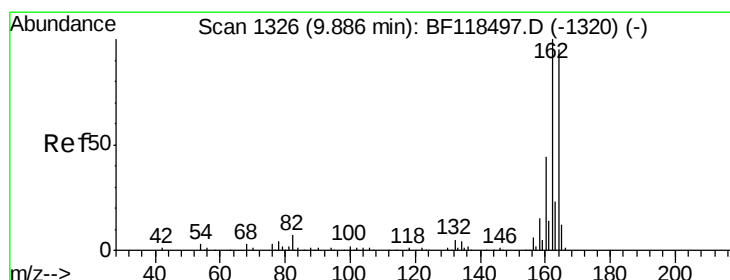
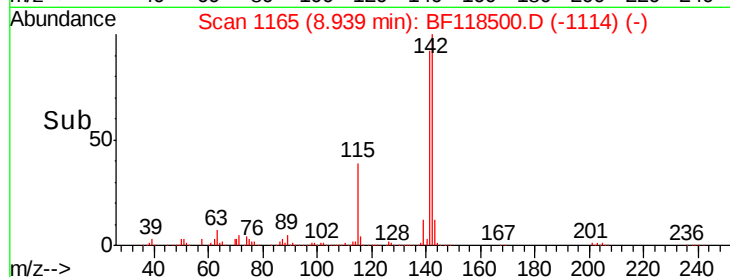
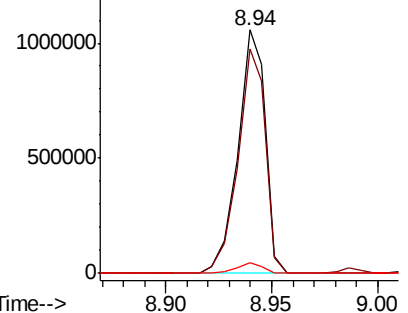


Abundance

Ion 142.00 (141.70 to 142.70): E

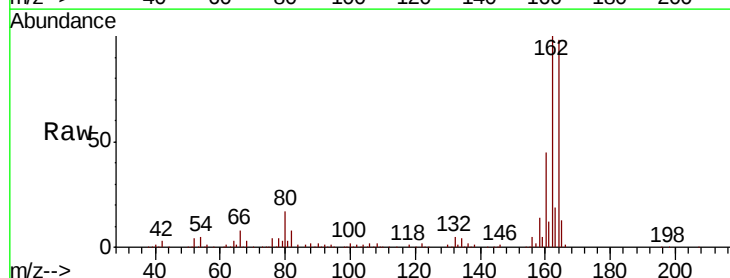
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	84.2	126.4
160	45.8	36.8	55.2

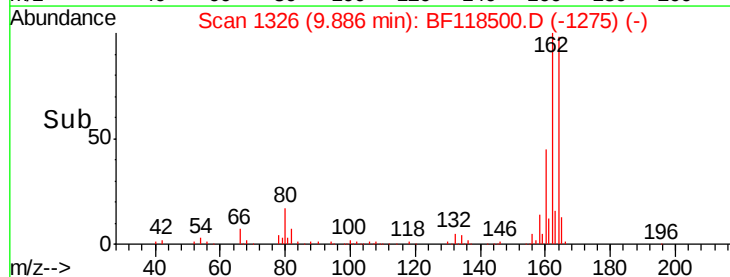
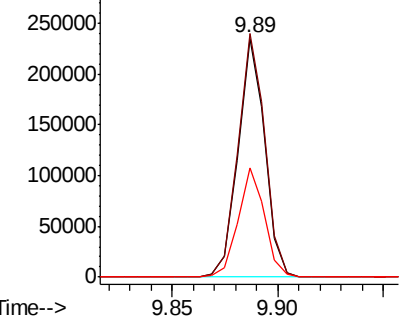


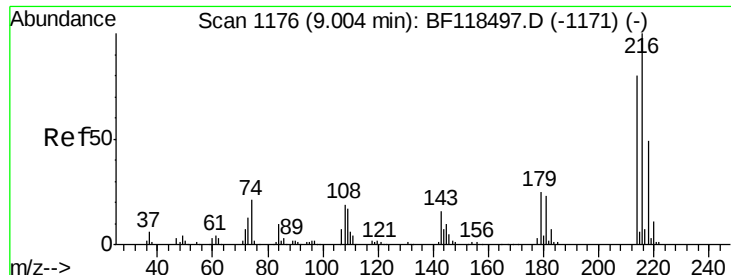
Abundance

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





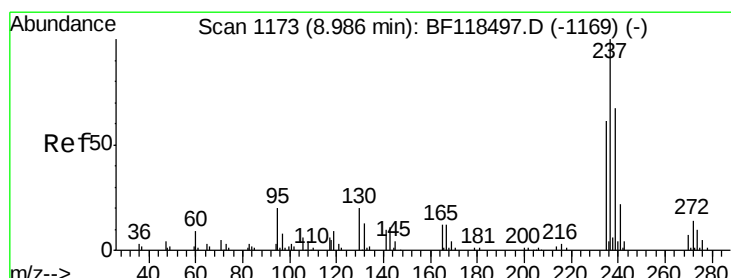
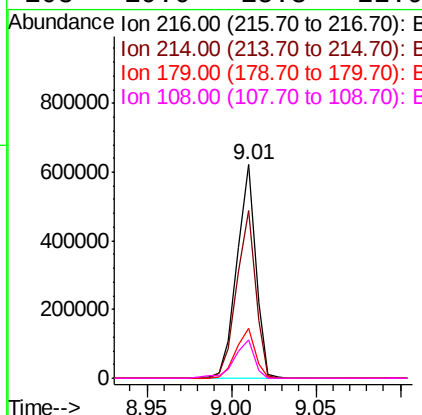
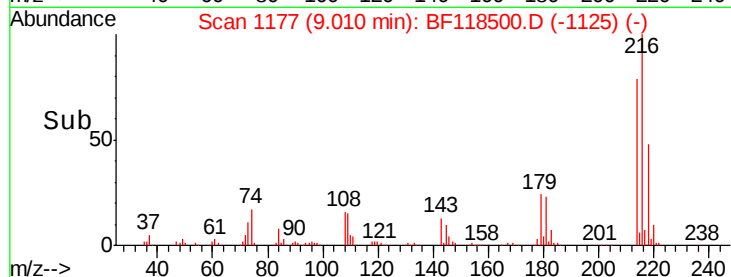
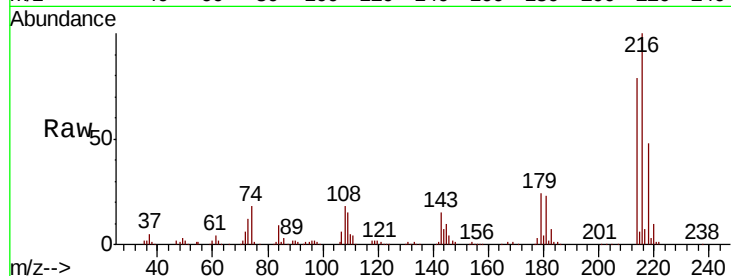
#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.302 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		482926		
214	79.3	62.4	93.6		
179	23.6	18.7	28.1		
108	19.0	15.3	22.9		

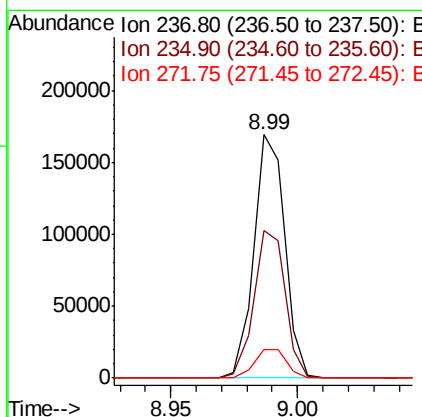
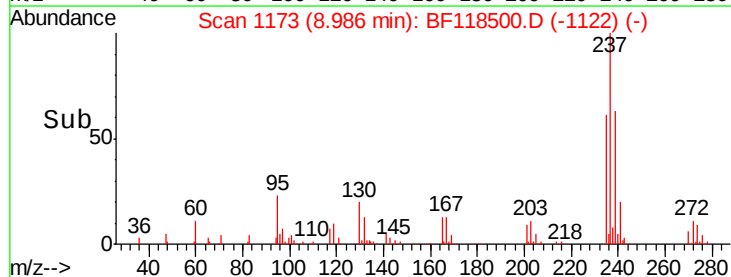
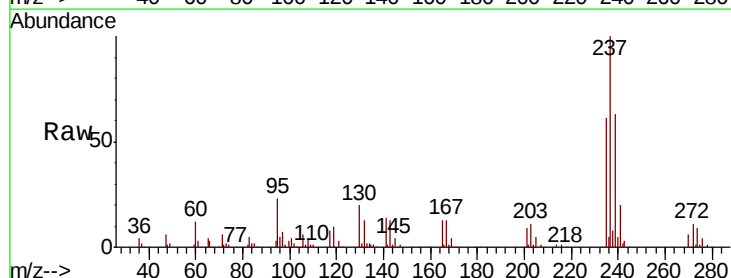
Manual Integrations
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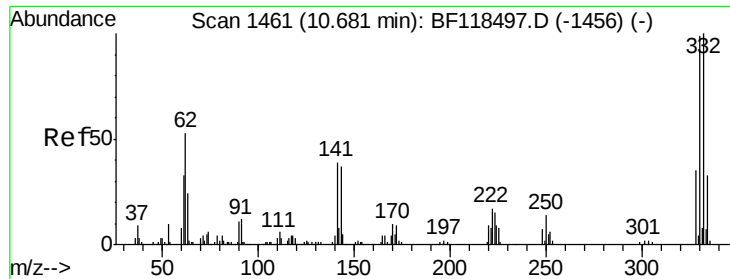
mohammad
1/9/2020 12:10:37 PM



#41
Hexachlorocyclopentadiene
Concen: 127.551 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		144239		
235	60.9	40.8	80.8		
272	11.5	0.0	34.2		





#42

2,4,6-Tribromophenol

Concen: 153.225 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

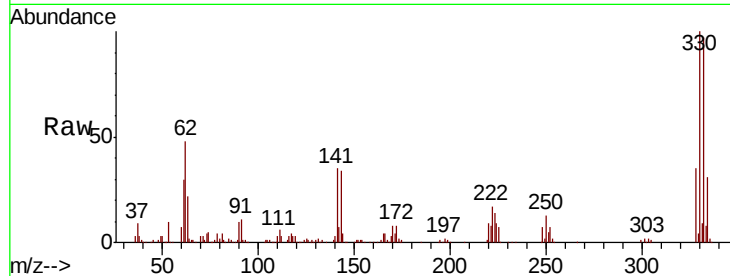
ClientSampleID :

SSTDIC080

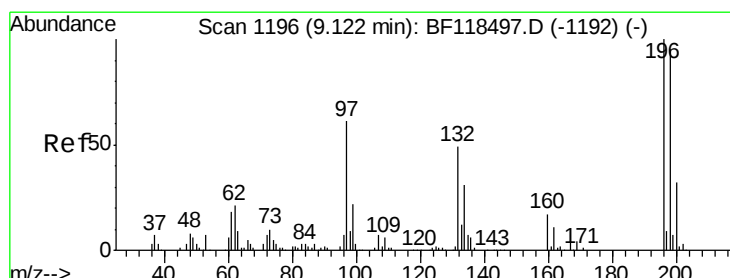
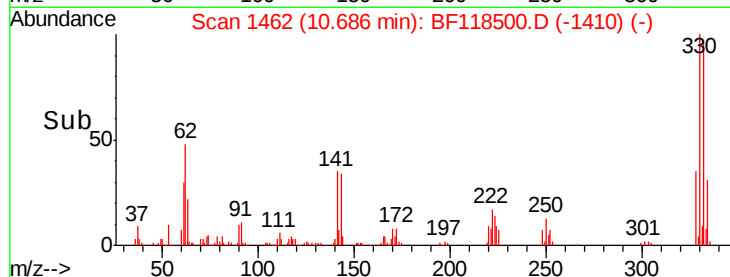
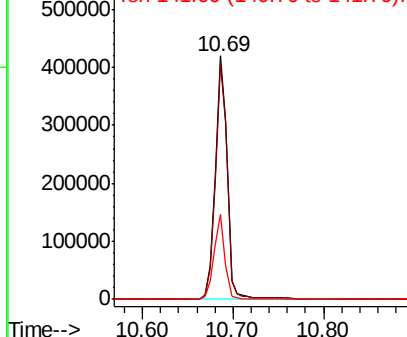
Tot Ion:	330	Resp:	385350
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.9	116.9
141	32.4	28.6	43.0

Manual Integrations
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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: 78.611 ng

RT: 9.13 min Scan# 1197

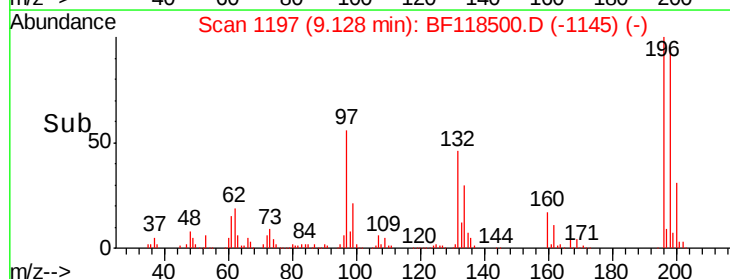
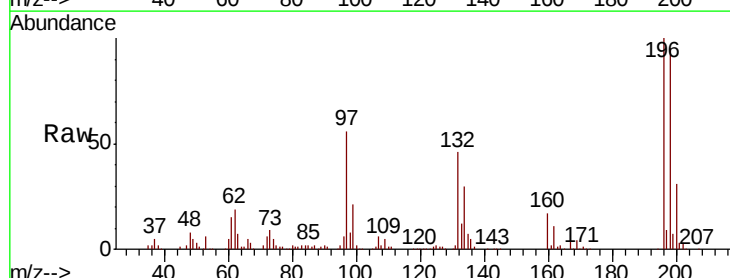
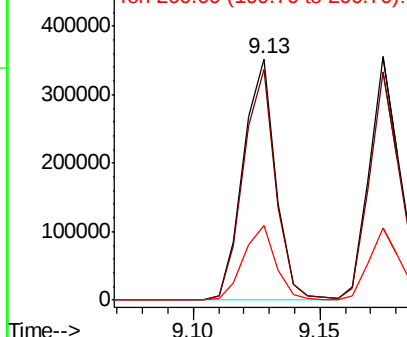
Delta R.T. 0.01 min

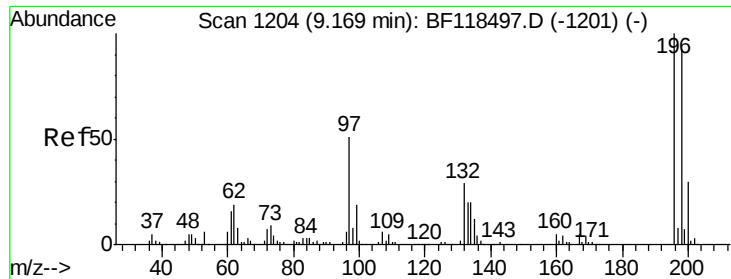
Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	196	Resp:	313648
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.2	114.4
200	30.8	25.2	37.8

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





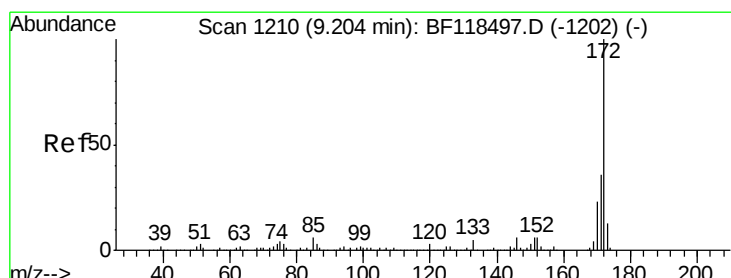
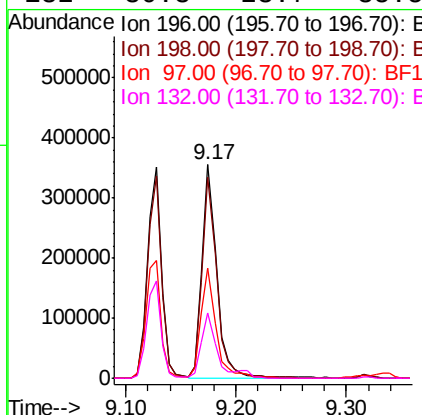
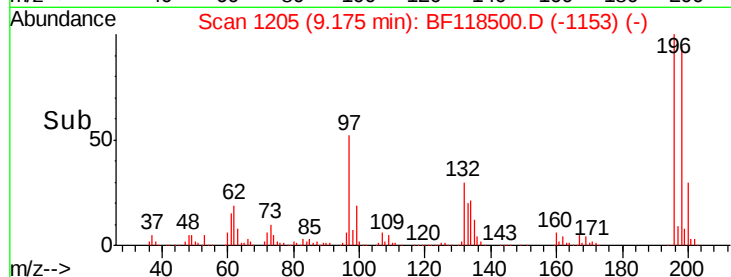
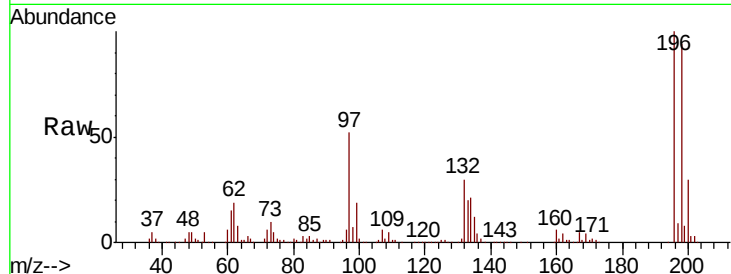
#44
 2,4,5-Trichlorophenol
 Concen: 78.783 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	319983		
198	93.9		74.7	112.1
97	51.7		40.7	61.1
132	30.3		23.7	35.5

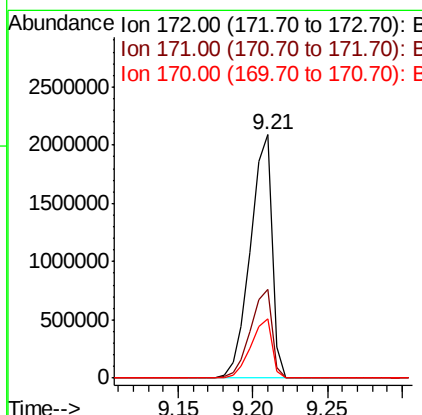
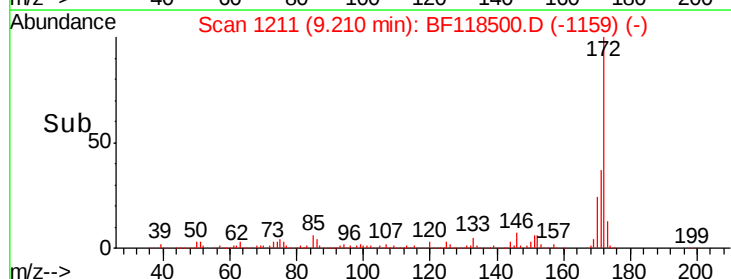
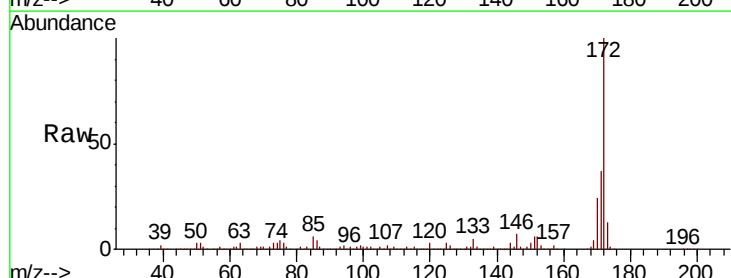
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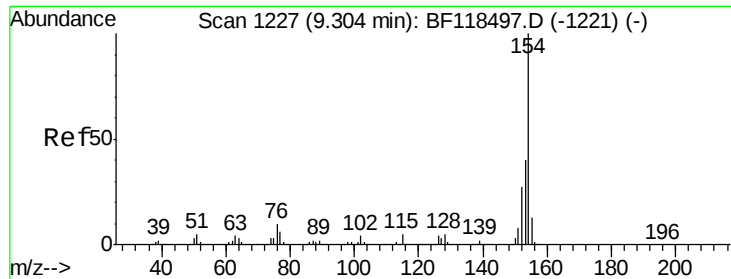
mohammad
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#45
 2-Fluorobiphenyl
 Concen: 149.242 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2087649		
171	36.7		28.6	42.8
170	24.1		18.6	27.8





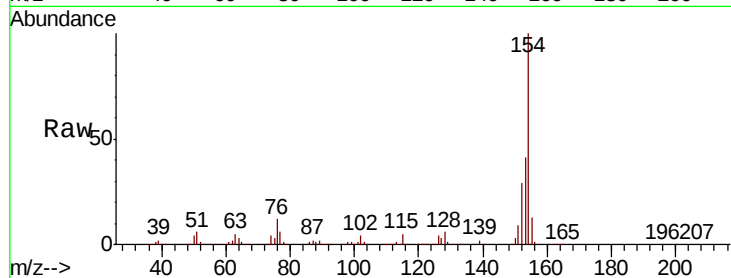
#46
 1,1'-Biphenyl
 Concen: 77.225 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	12.0	0.0	30.4

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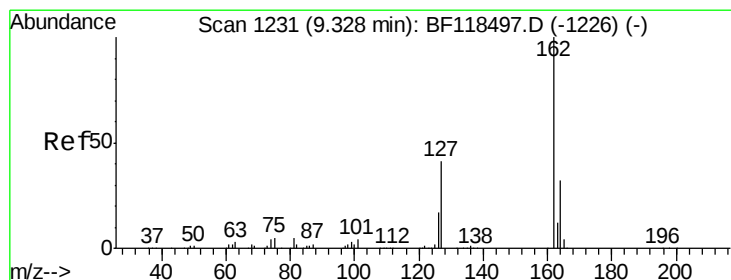
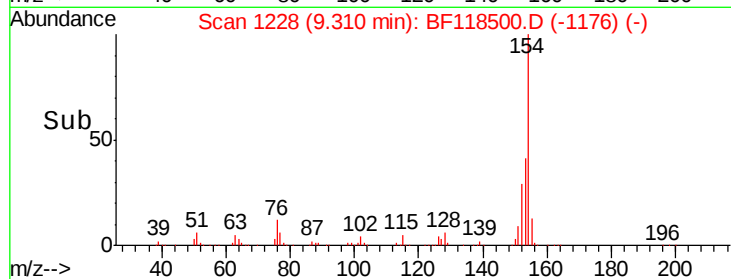
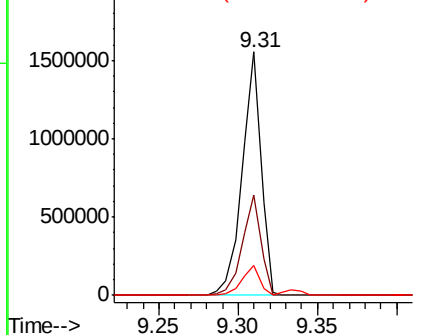


Abundance

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: 74.167 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

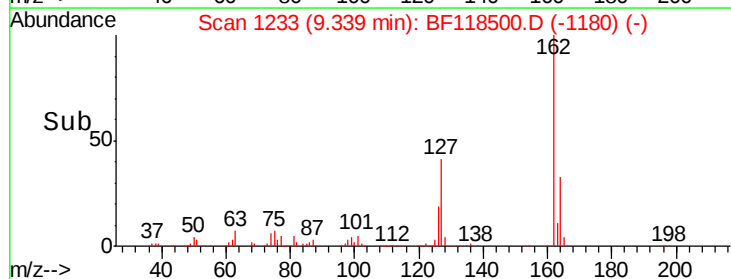
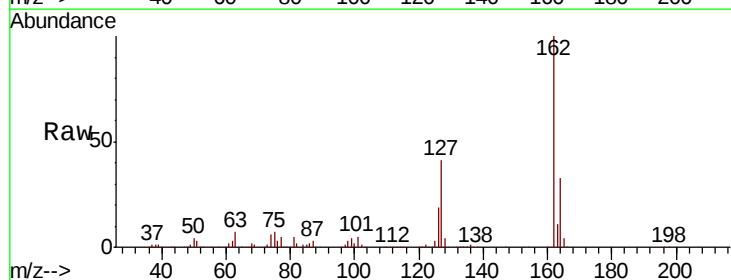
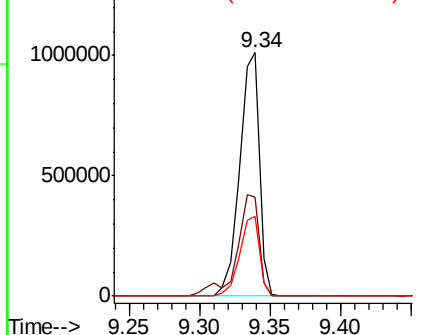
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	35.5	53.3
164	32.8	25.8	38.8

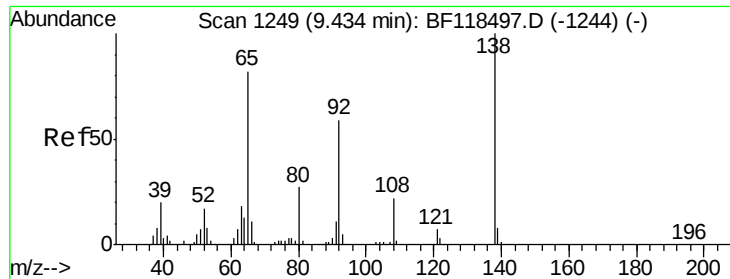
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





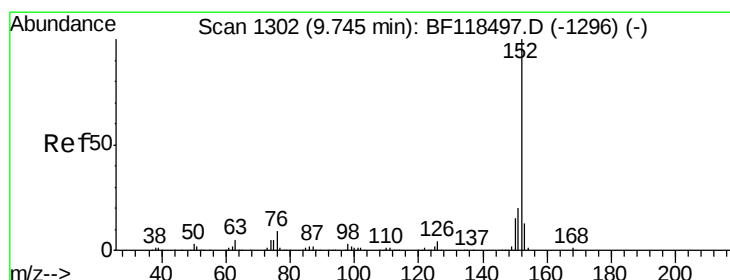
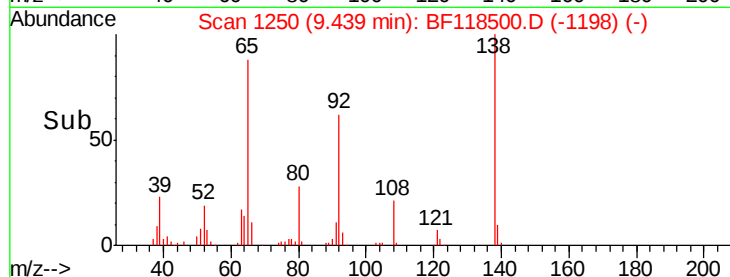
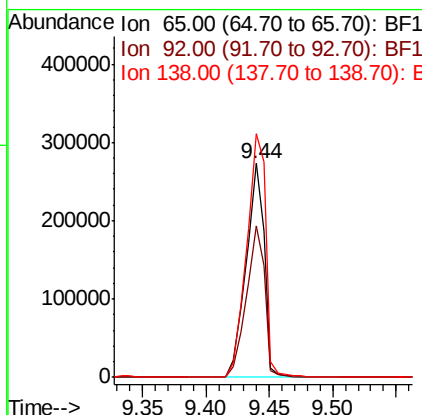
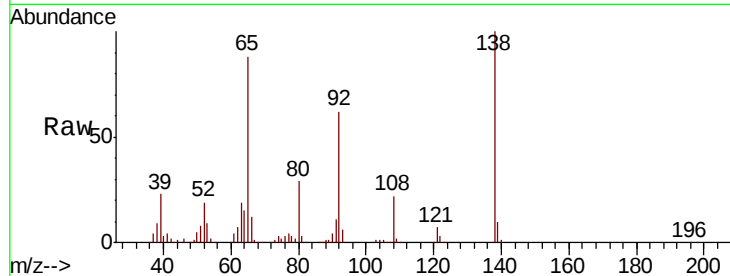
#48
2-Nitroaniline
Concen: 70.655 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.7	86.5
138	113.9	97.2	145.8

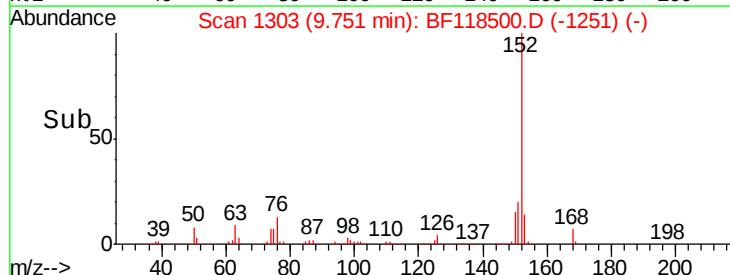
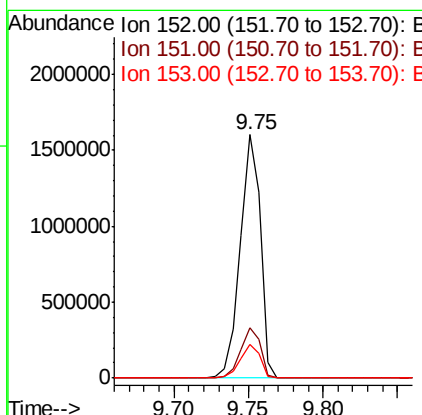
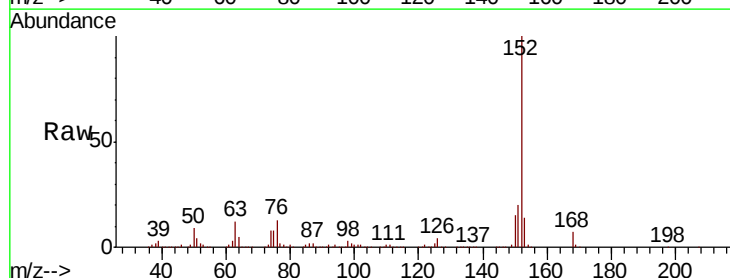
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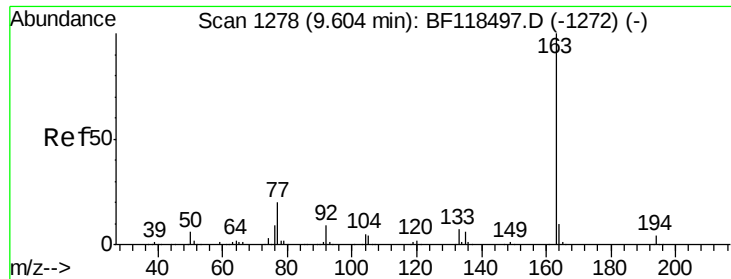
mohammad
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#49
Acenaphthylene
Concen: 76.788 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.7	10.6	16.0





#50

Dimethylphthalate

Concen: 75.791 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:163 Resp: 1204896

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

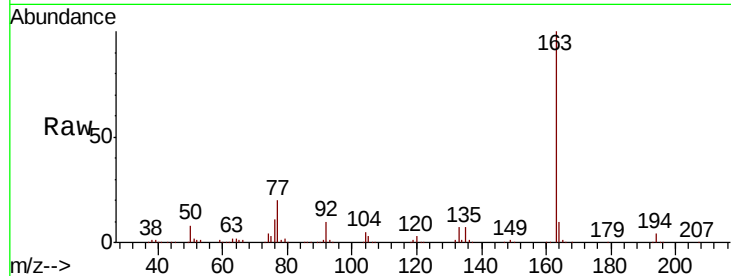
164 10.4 8.1 12.1

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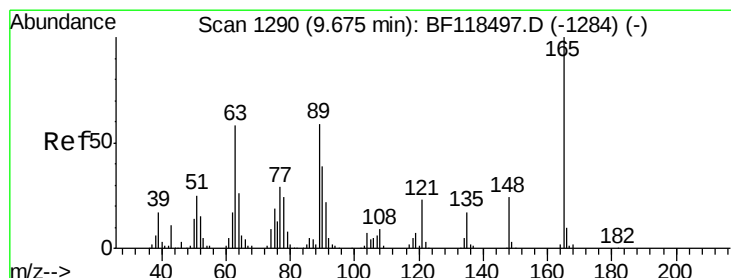
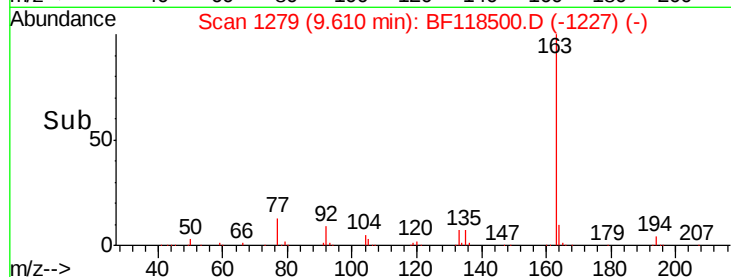
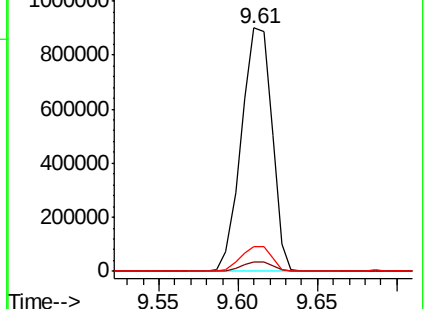
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 80.071 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

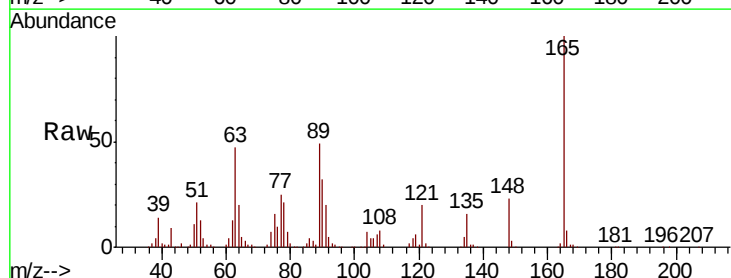
Tgt Ion:165 Resp: 260871

Ion Ratio Lower Upper

165 100

63 47.1 46.6 70.0

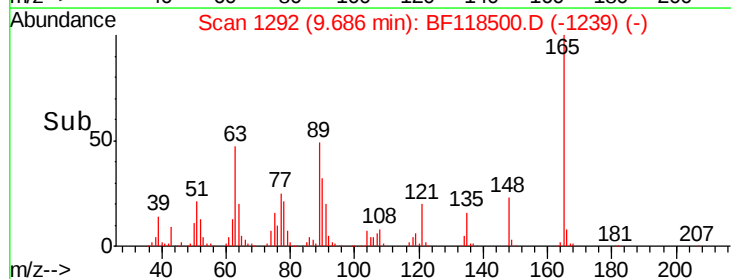
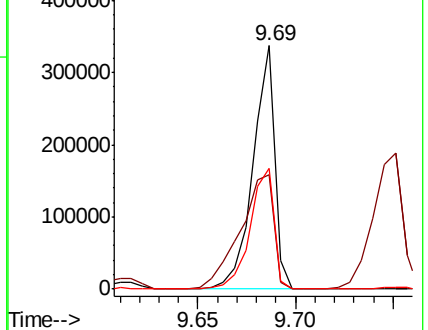
89 49.5 47.5 71.3

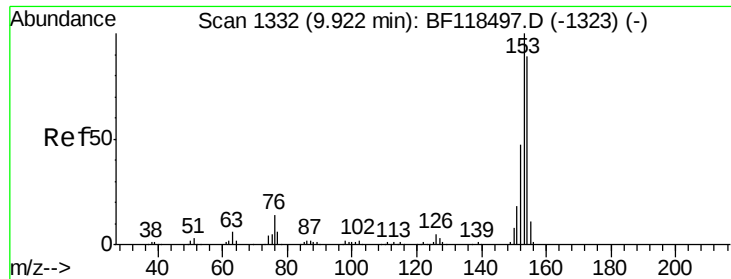


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 74.505 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

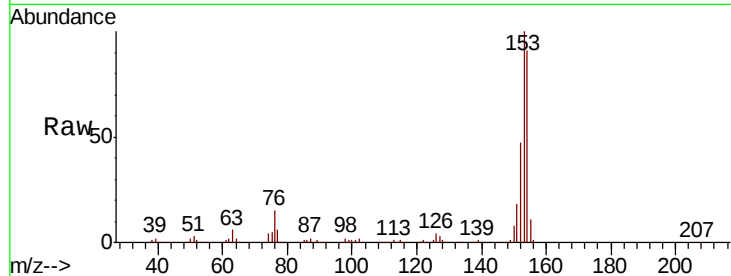
ClientSampleId :

SSTDIC080

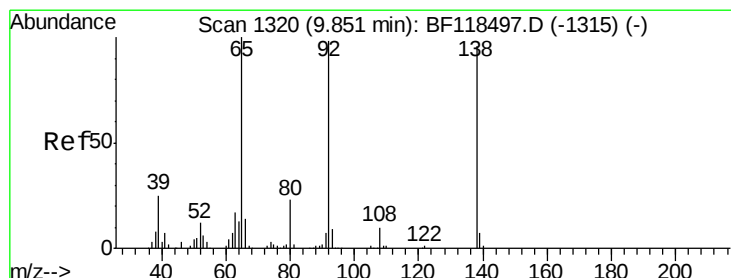
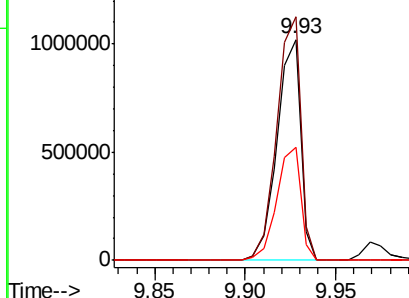
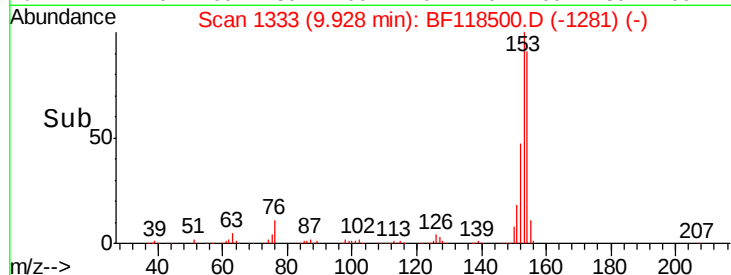
Tot Ion:	154	Resp:	924075
Ion Ratio	Lower	Upper	
154	100		
153	110.3	89.7	134.5
152	51.4	41.9	62.9

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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: 77.756 ng

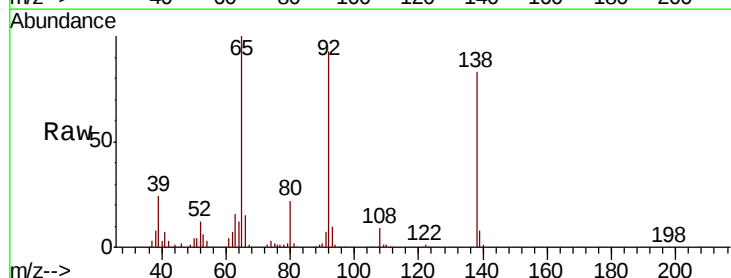
RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

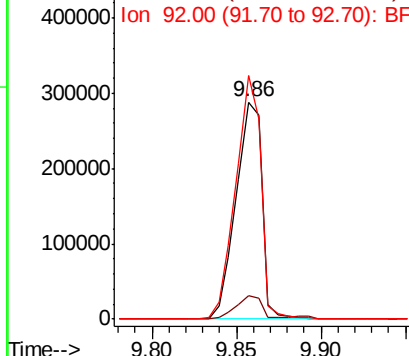
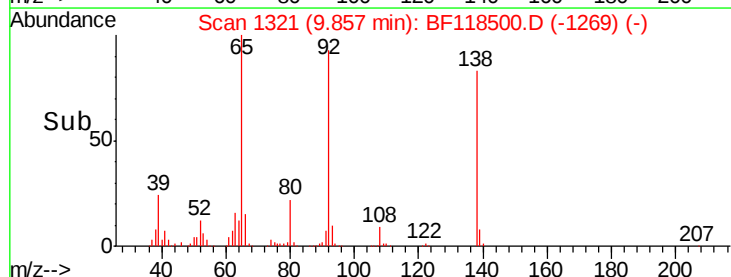
Lab File: BF118500.D

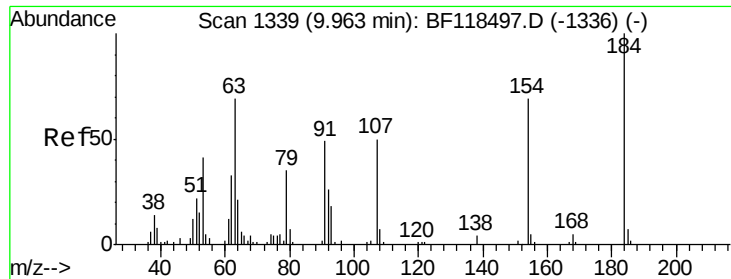
Acq: 8 Jan 2020 14:09

Tgt Ion:	138	Resp:	310062
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.1	12.1
92	112.3	81.6	122.4



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





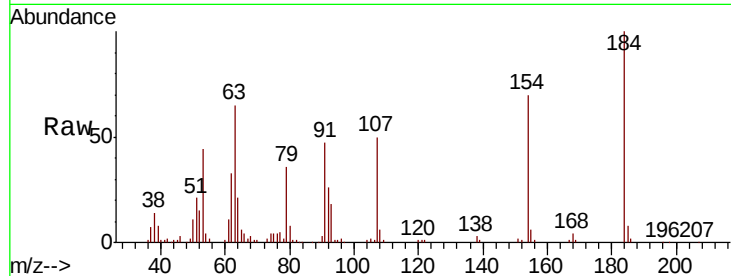
#54
2,4-Dinitrophenol
Concen: 90.105 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	124158		
63	64.8	55.3	82.9	
154	69.9	55.0	82.4	

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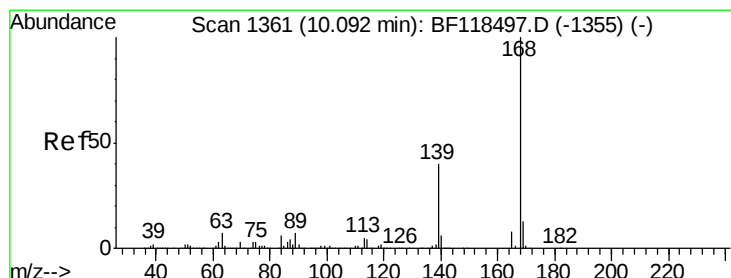
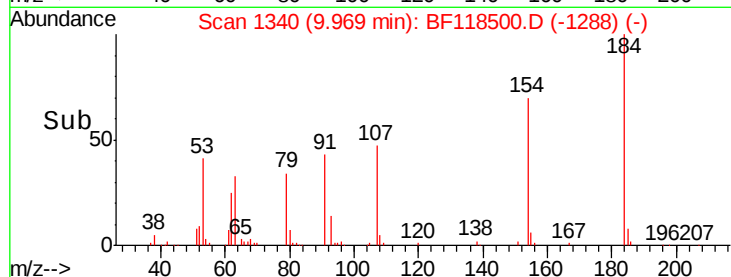
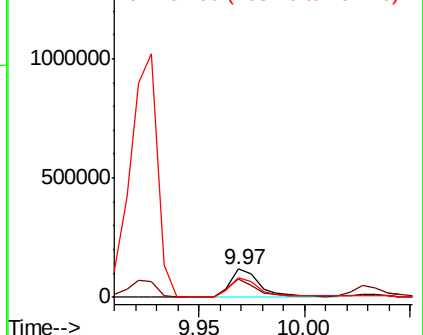


Abundance

Ion 184.00 (183.70 to 184.70): E

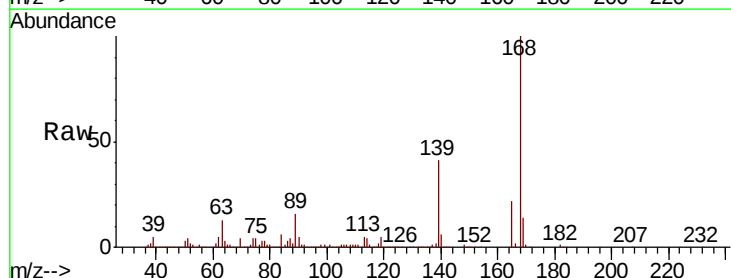
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 75.405 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1324115		
139	41.3	32.5	48.7	
169	13.5	10.6	16.0	

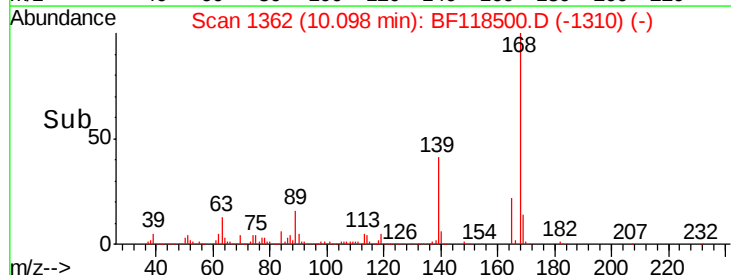
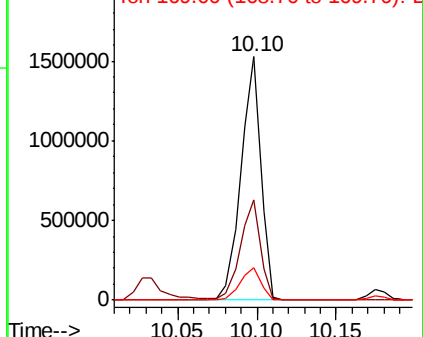


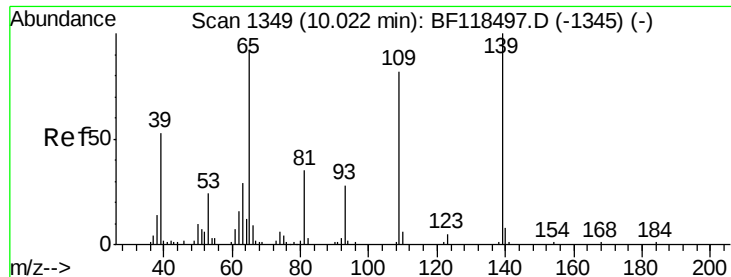
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





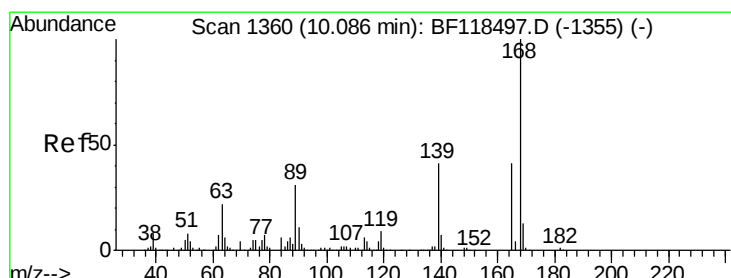
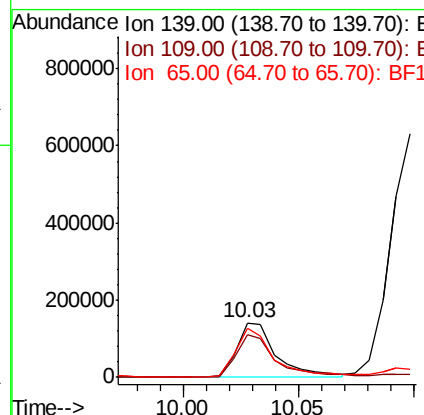
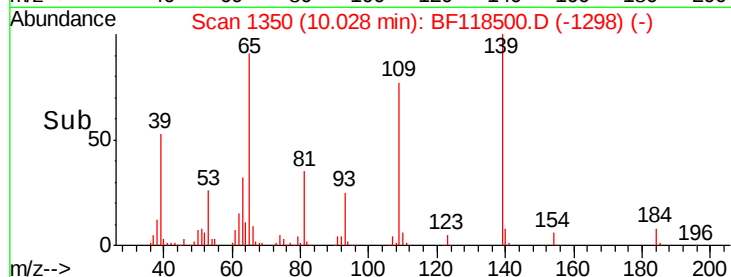
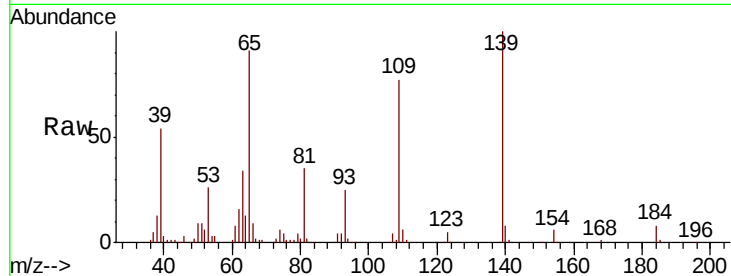
#56
4-Nitrophenol
Concen: 88.624 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	169957		
109	77.3	62.2	102.2	
65	90.9	72.8	112.8	

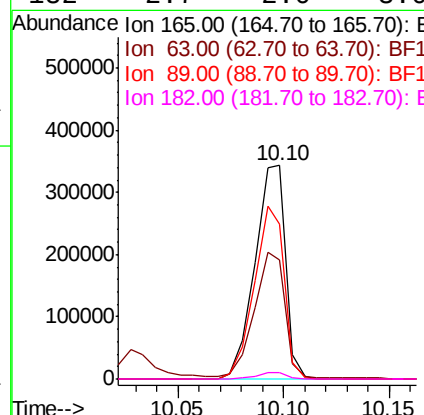
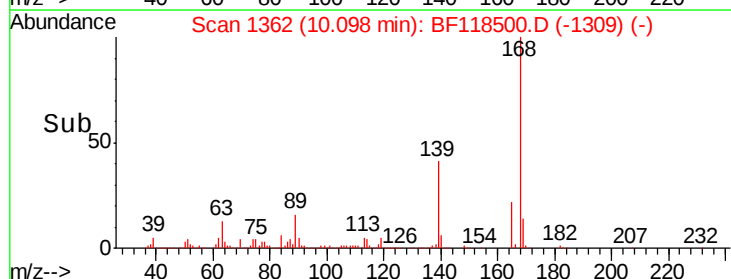
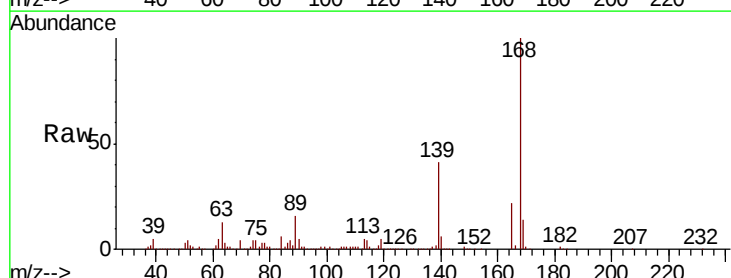
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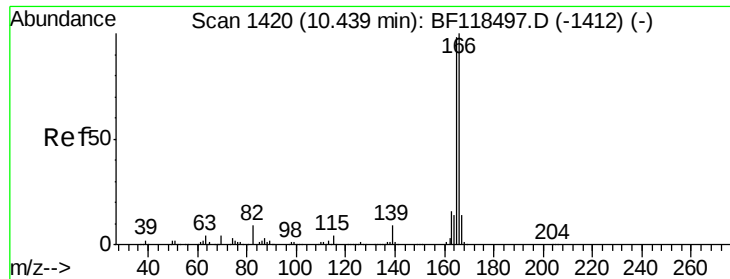
mohammad
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#57
2,4-Dinitrotoluene
Concen: 77.509 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	347427		
63	55.7	44.1	66.1	
89	72.8	60.4	90.6	
182	2.7	2.0	3.0	





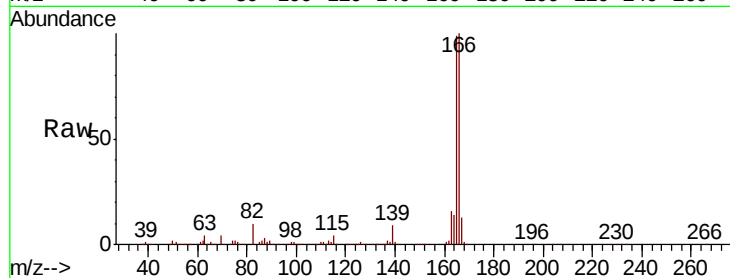
#58
 Fluorene
 Concen: 73.467 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	13.3	10.8	16.2

Manual Integrations
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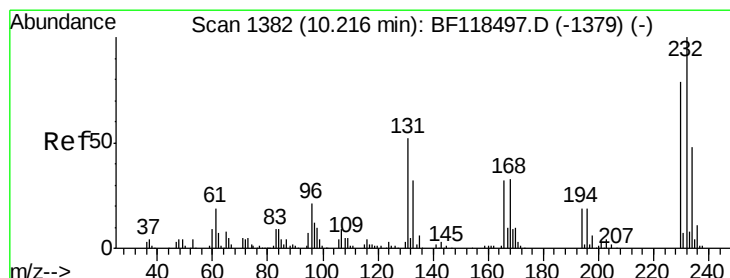
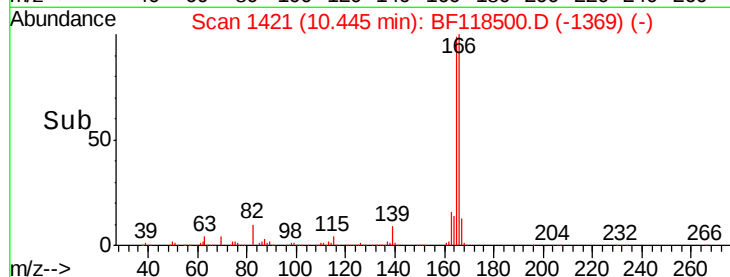
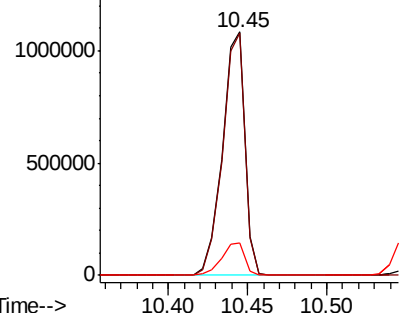


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 75.930 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	42.2	63.4
130	2.7	2.1	3.1
166	31.8	25.7	38.5

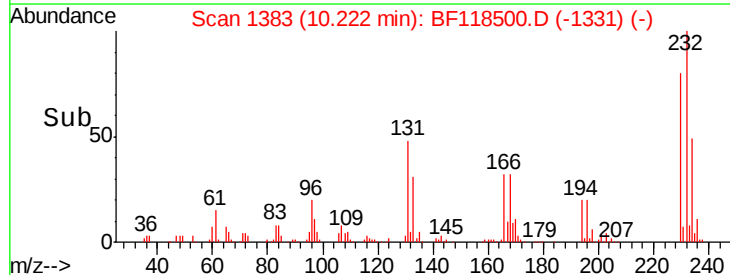
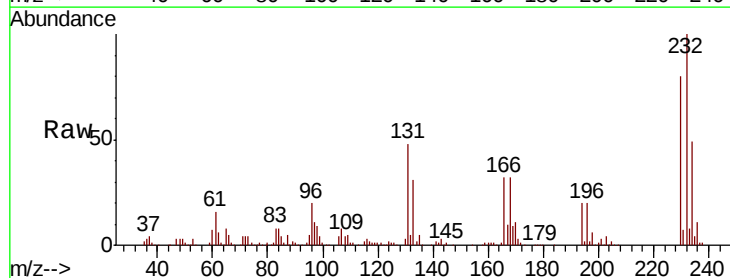
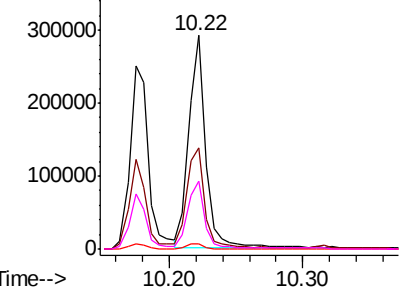
Abundance

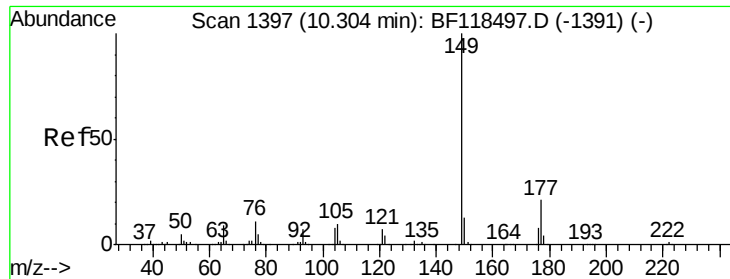
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





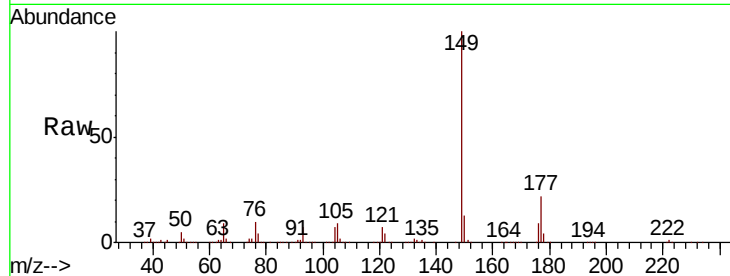
#60
Diethylphthalate
Concen: 75.300 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

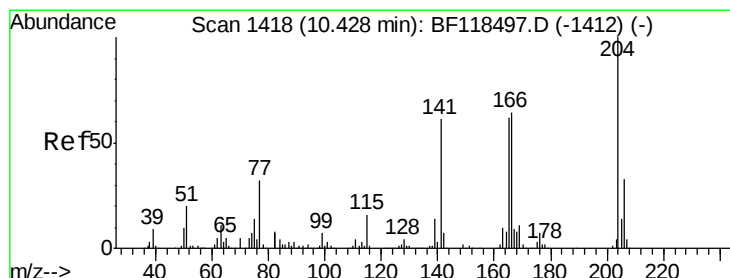
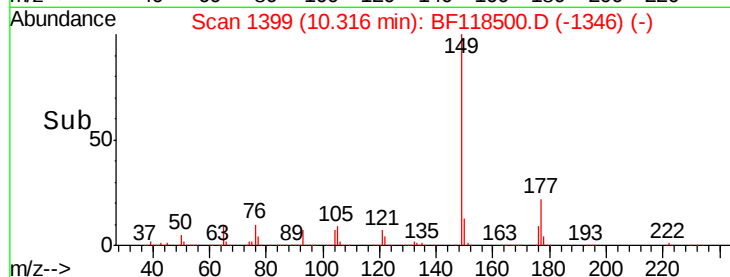
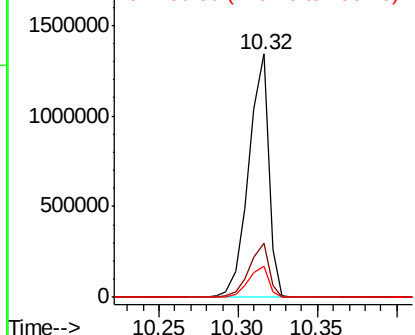
Tot Ion:149 Resp: 1177148
Ion Ratio Lower Upper
149 100
177 22.0 16.5 24.7
150 12.8 10.2 15.2

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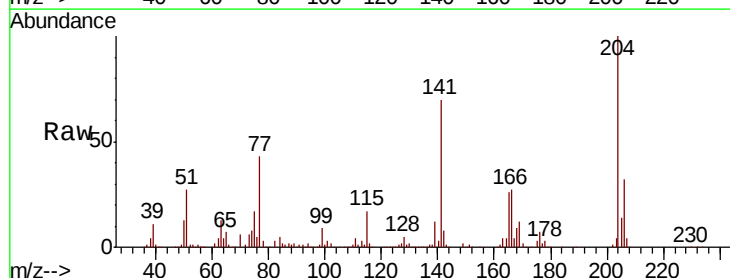


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

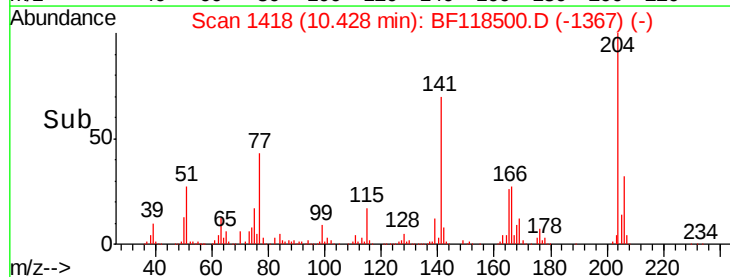
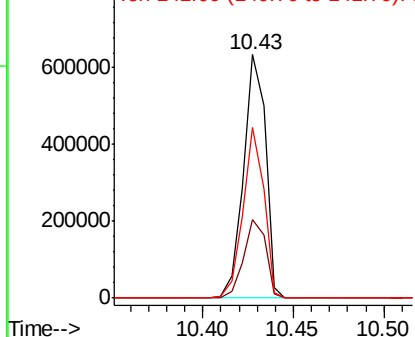


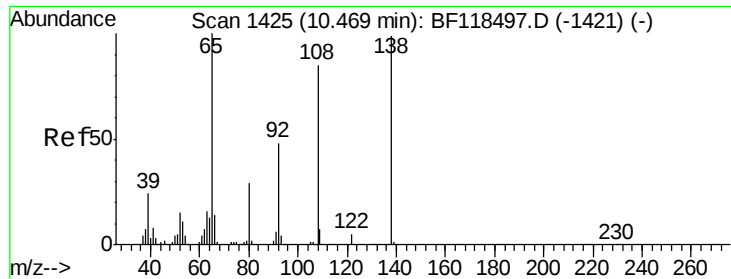
#61
4-Chlorophenyl-phenylether
Concen: 74.265 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:204 Resp: 534455
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 70.2 49.0 73.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





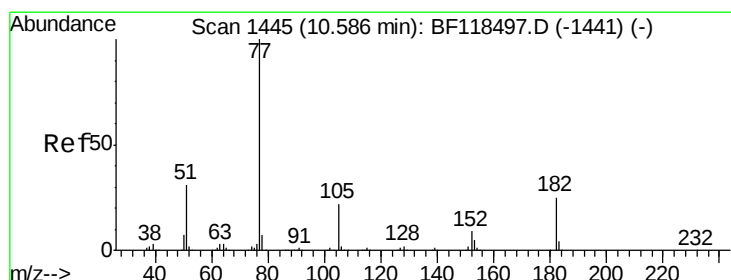
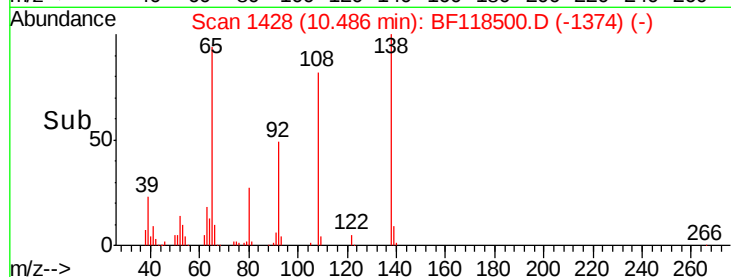
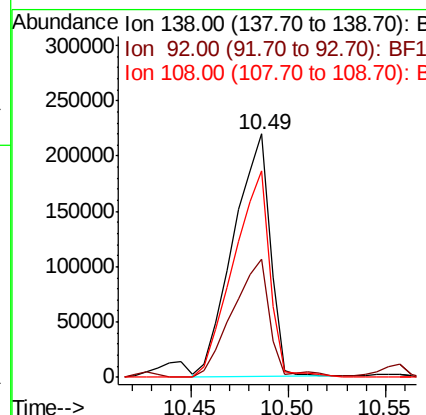
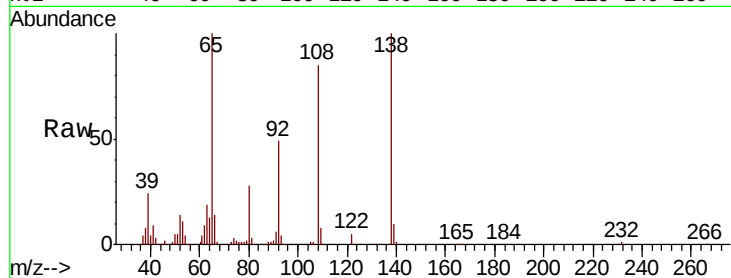
#62
4-Nitroaniline
Concen: 70.170 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.9	67.9
108	84.8	64.7	104.7

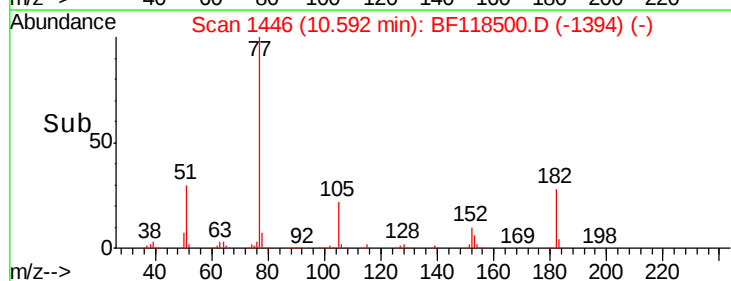
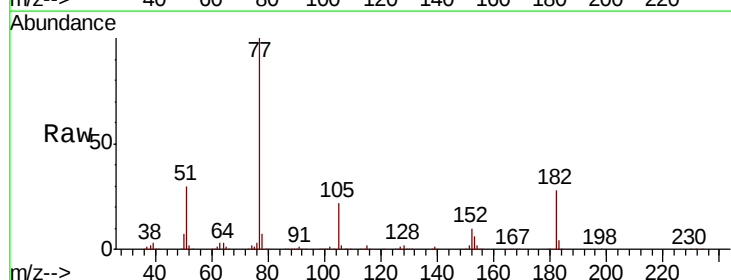
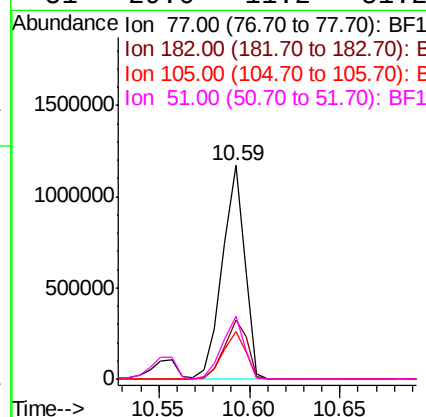
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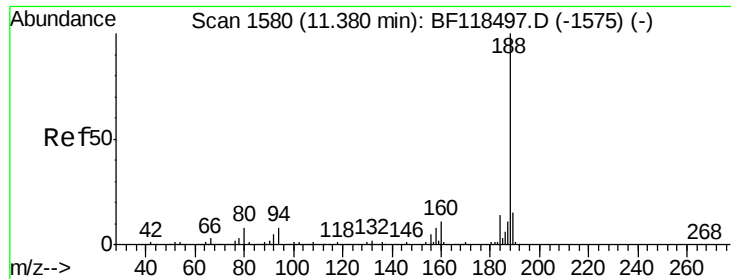
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#63
Azobenzene
Concen: 74.919 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	5.2	45.2
105	22.3	1.7	41.7
51	29.6	11.2	51.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

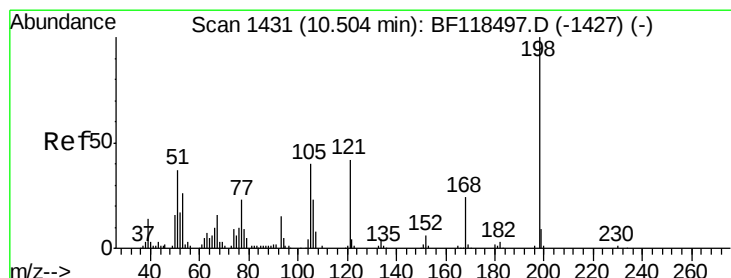
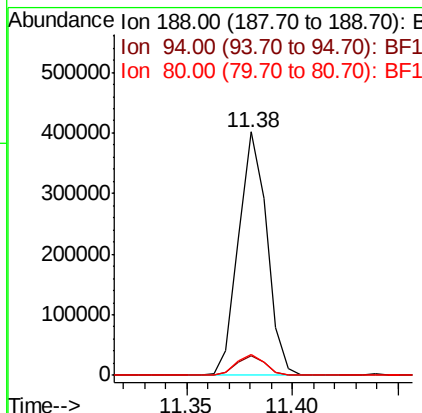
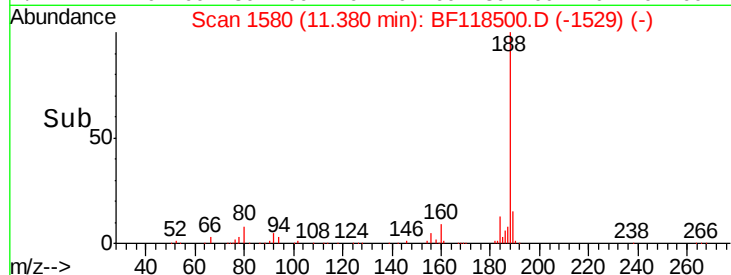
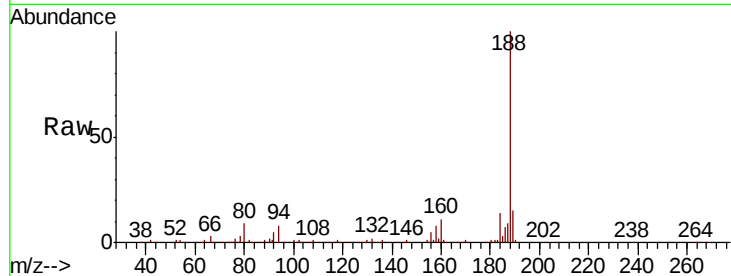
ClientSampleId :

SSTDICC080

Tot Ion:	188	Resp:	372850
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.2	9.4
80	8.9	6.6	10.0

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#65

4,6-Dinitro-2-methylphenol

Concen: 80.901 ng

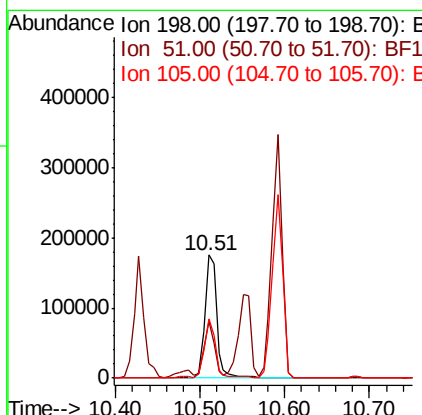
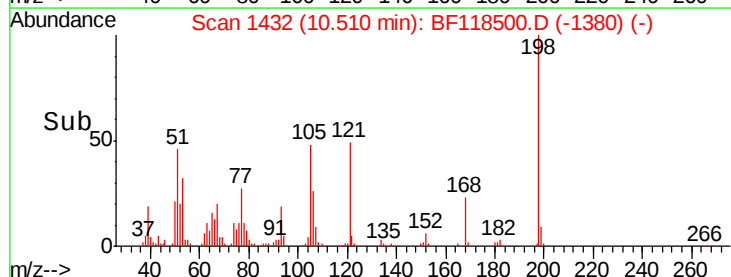
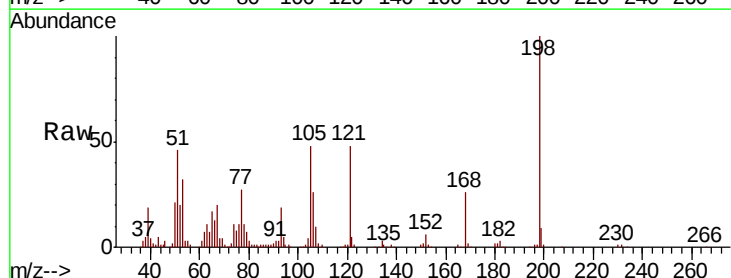
RT: 10.51 min Scan# 1432

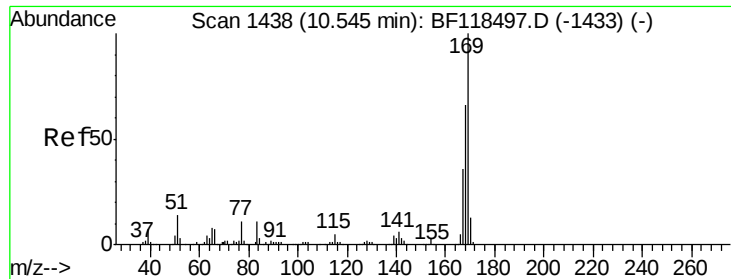
Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	198	Resp:	172628
Ion Ratio	Lower	Upper	
198	100		
51	45.7	17.8	57.8
105	48.1	20.1	60.1





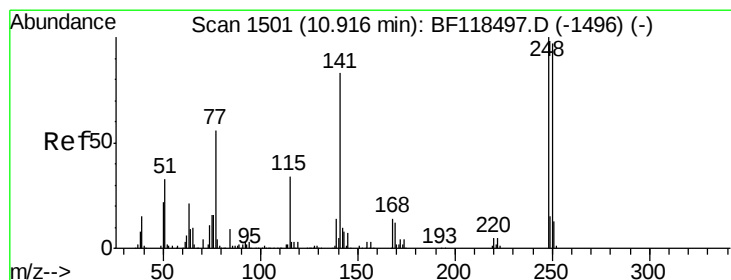
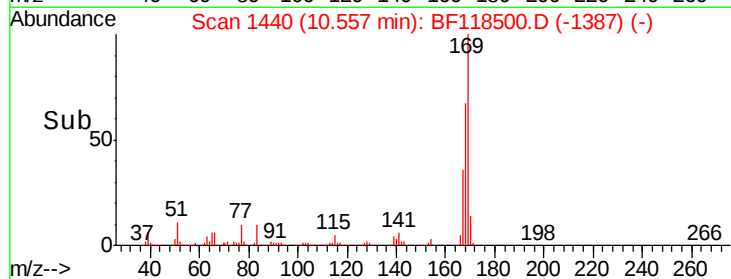
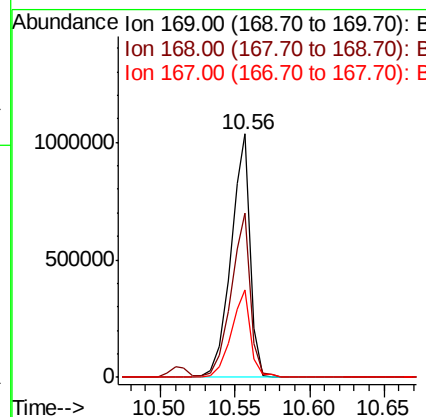
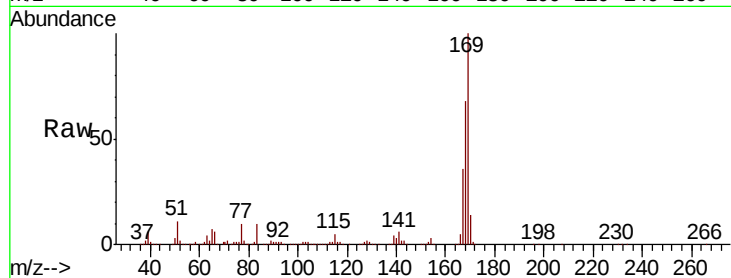
#66
 n-Nitrosodiphenylamine
 Concen: 73.500 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.4	80.2
167	35.9	28.9	43.3

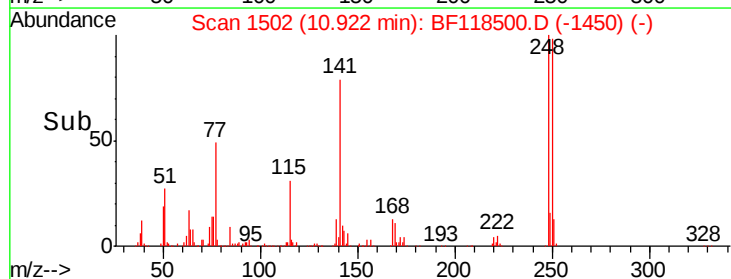
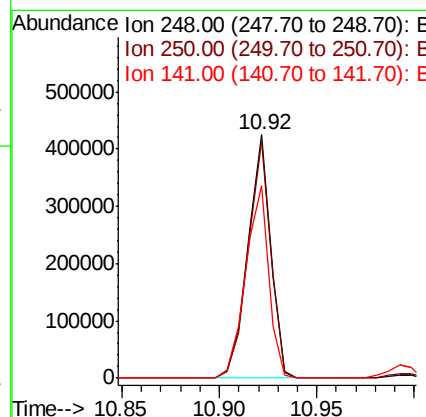
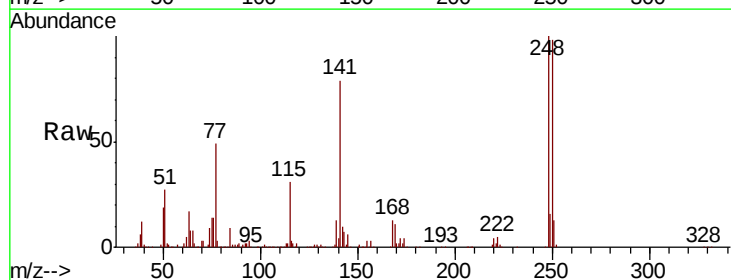
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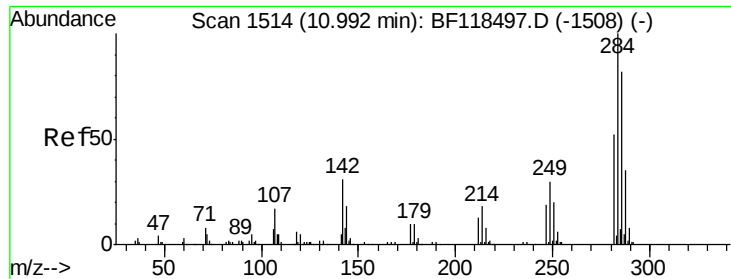
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#67
 4-Bromophenyl-phenylether
 Concen: 73.180 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.4	116.0
141	79.2	66.2	99.4





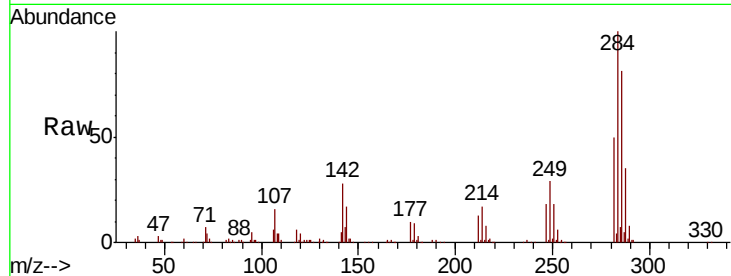
#68
Hexachlorobenzene
Concen: 72.507 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

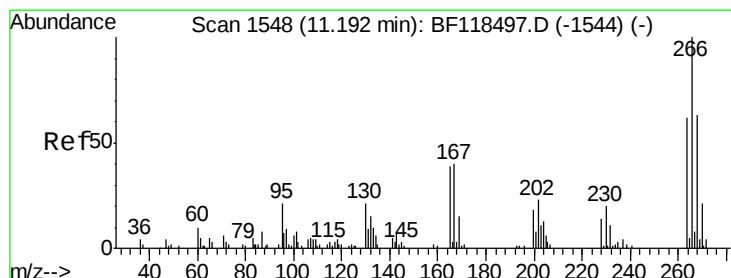
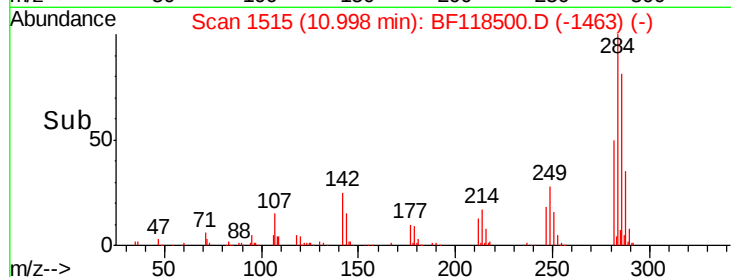
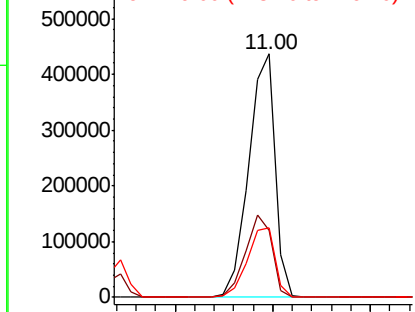
Tot Ion	Ratio	Resp	Lower	Upper
284	100	407800		
142	27.6		24.6	37.0
249	28.8		24.0	36.0

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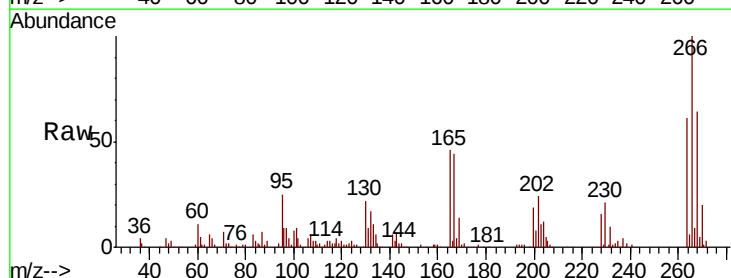


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

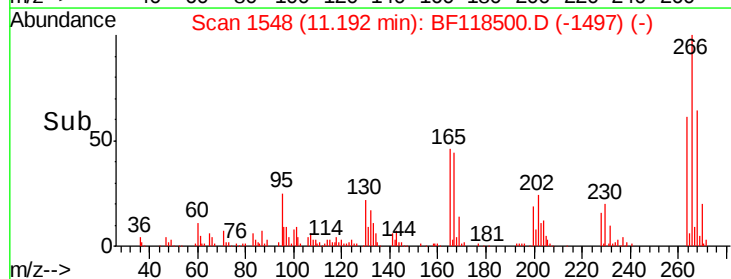
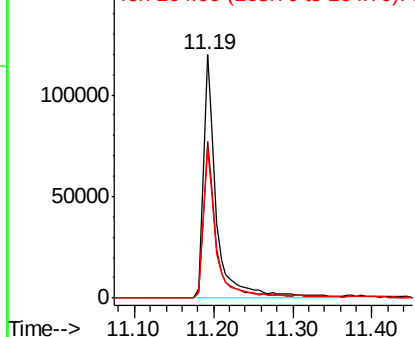


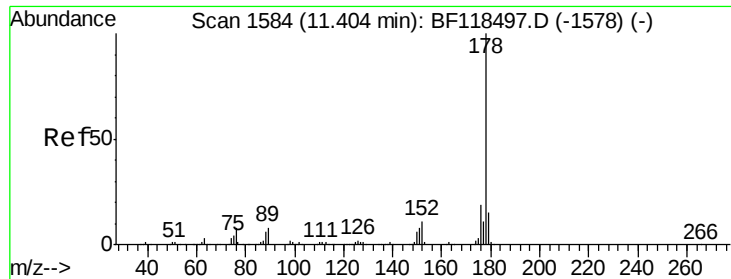
#70
Pentachlorophenol
Concen: 80.805 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	141227		
268	64.2		50.2	75.2
264	61.4		49.4	74.0



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





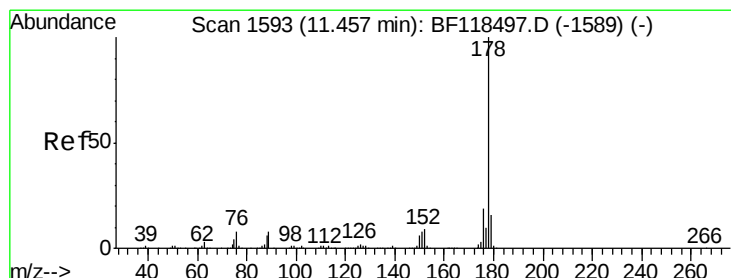
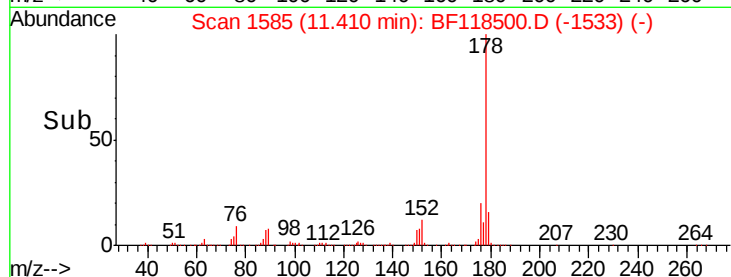
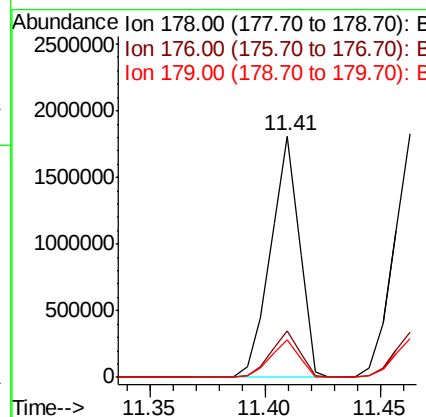
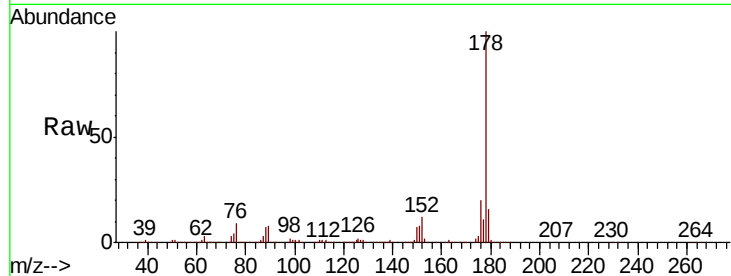
#71
Phenanthrene
Concen: 76.757 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.7	12.3	18.5

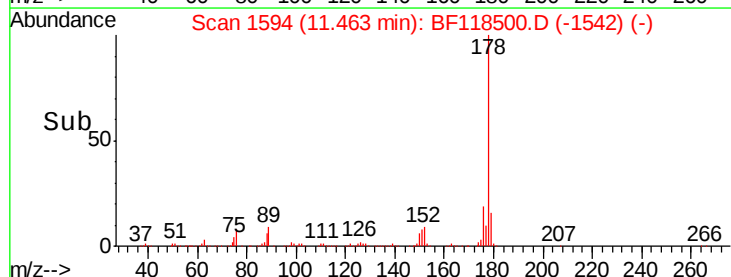
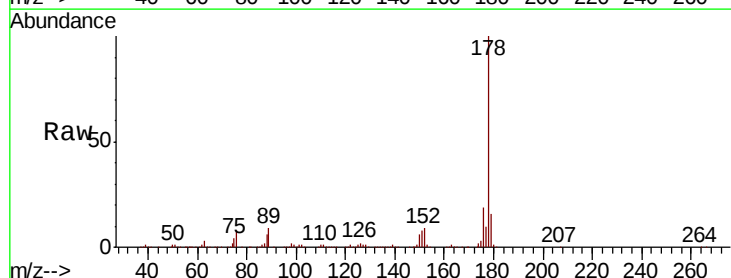
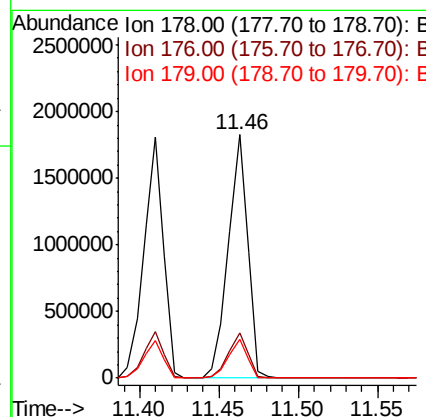
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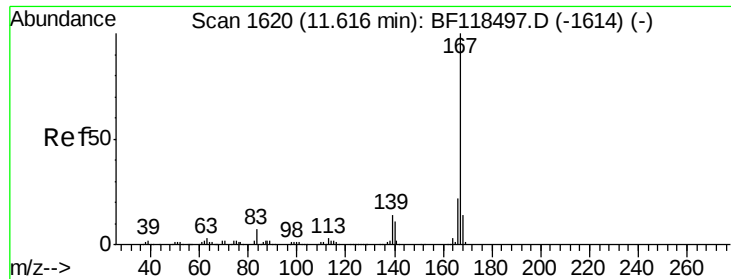
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#72
Anthracene
Concen: 74.701 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.1	12.6	19.0





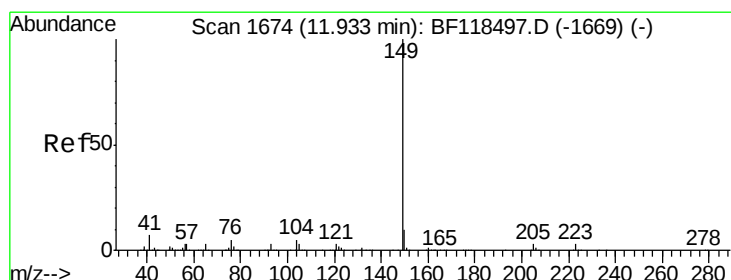
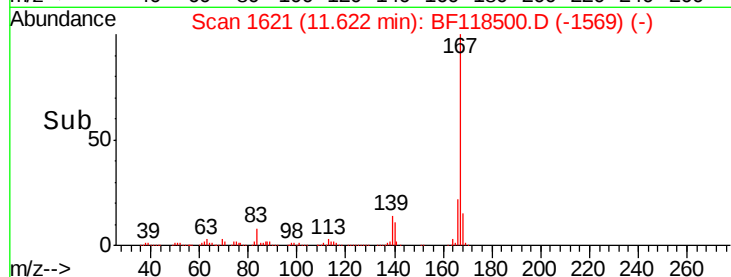
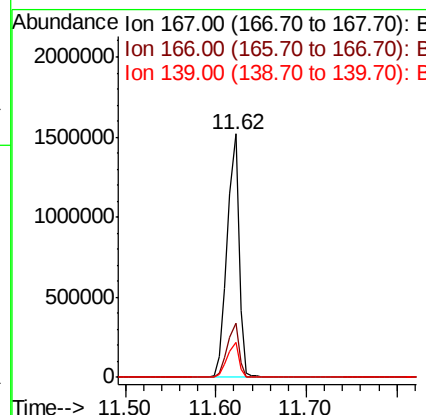
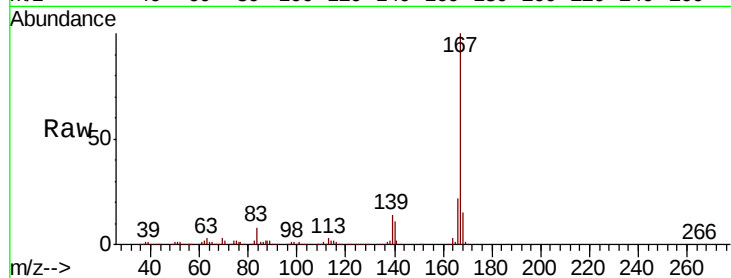
#73
 Carbazole
 Concen: 71.000 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.4	10.9	16.3

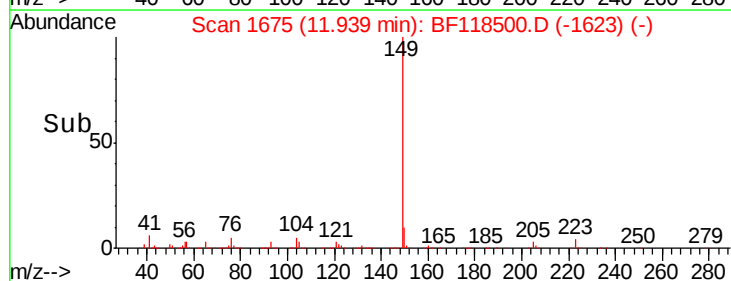
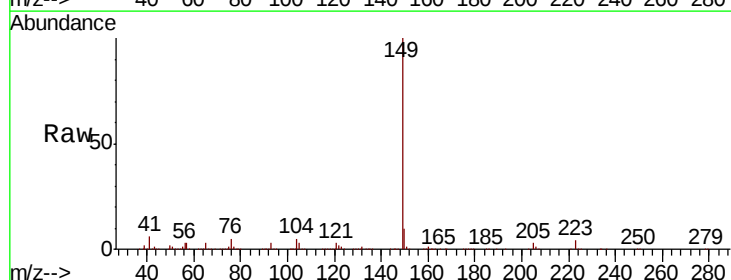
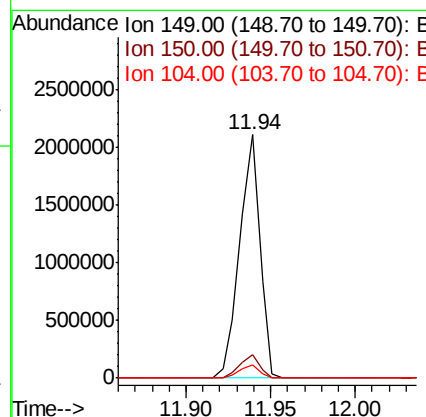
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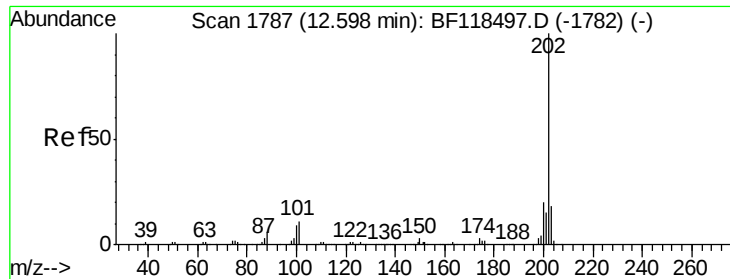
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#74
 Di-n-butylphthalate
 Concen: 70.501 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 73.385 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

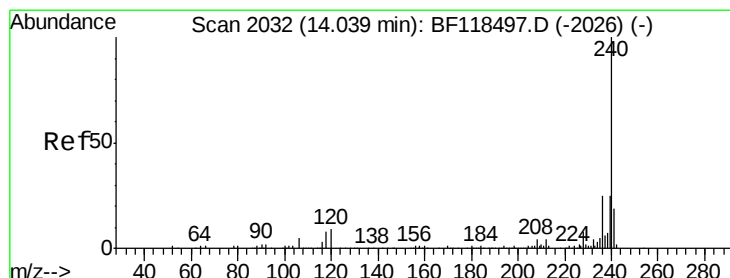
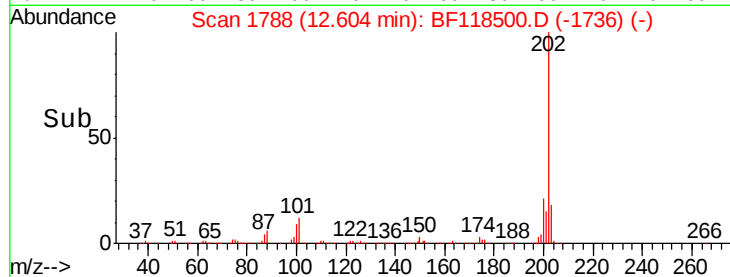
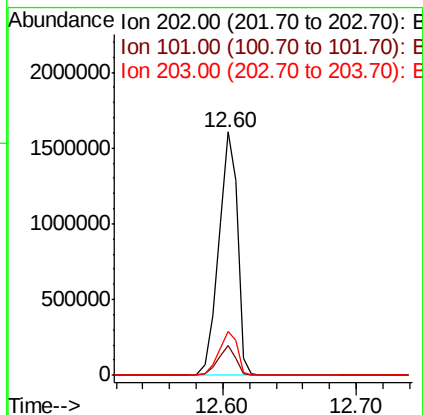
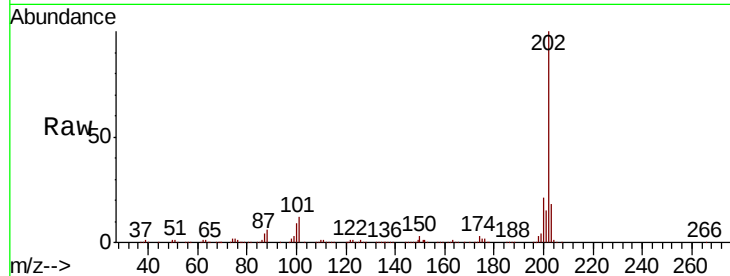
ClientSampleId :

SSTDIC080

Tot Ion:	202	Resp:	1590878
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	18.1	0.0	38.1

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#76

Chrysene-d12

Concen: 20.000 ng

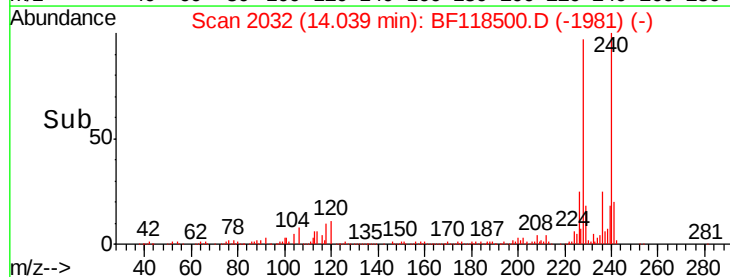
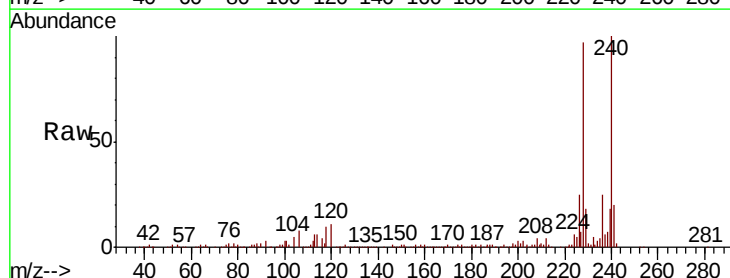
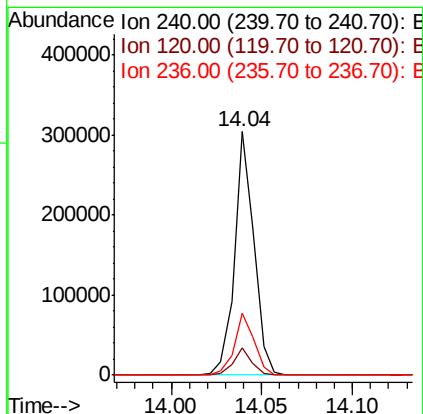
RT: 14.04 min Scan# 2032

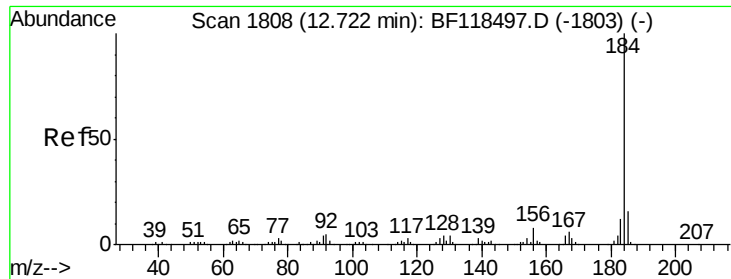
Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:	240	Resp:	227411
Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.0	10.6#
236	25.3	20.1	30.1





#77

Benzidine

Concen: 68.895 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 442849

Ion Ratio Lower Upper

184 100

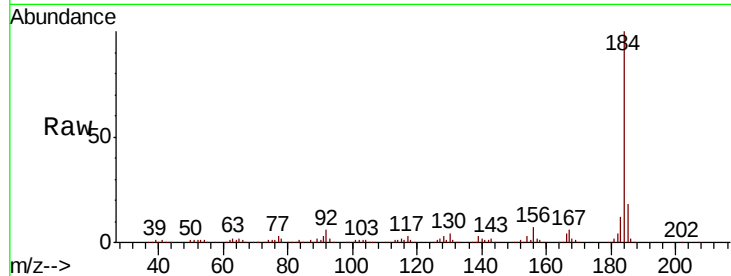
185 18.0 12.6 18.8

183 12.1 9.3 13.9

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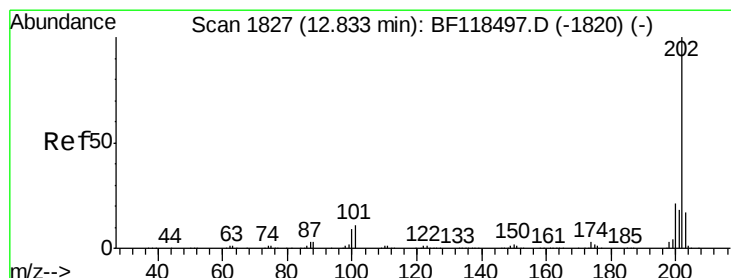
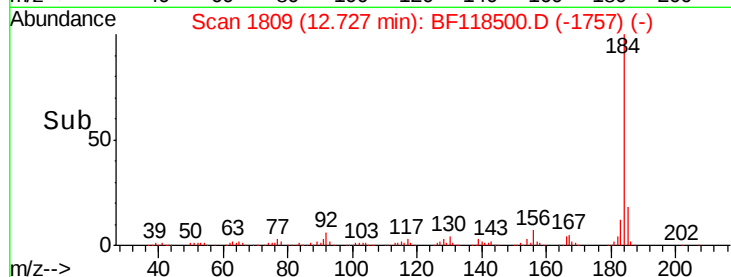
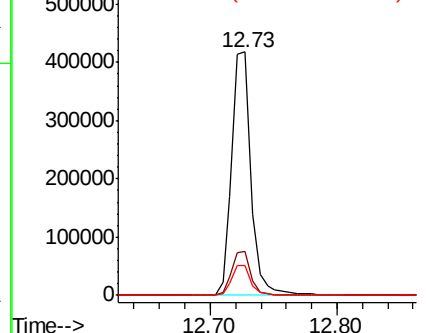
1/9/2020 12:10:37 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 77.856 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

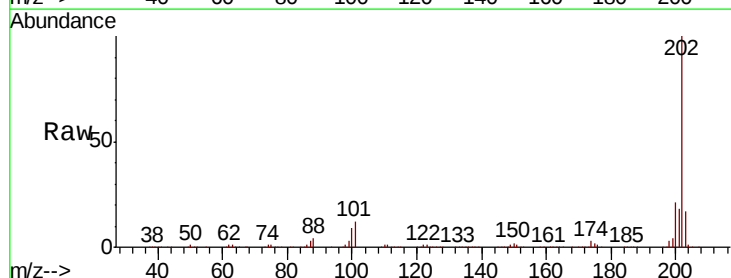
Tgt Ion:202 Resp: 1529131

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

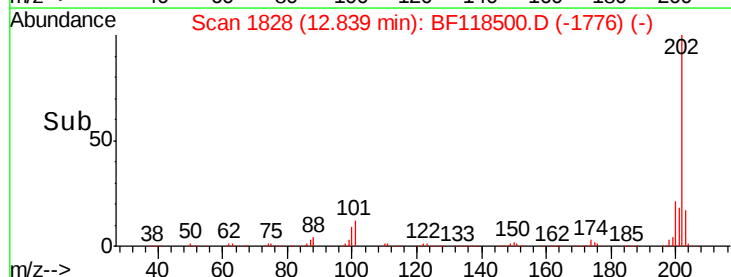
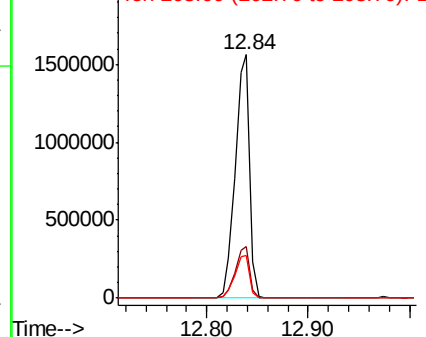
203 17.4 13.9 20.9

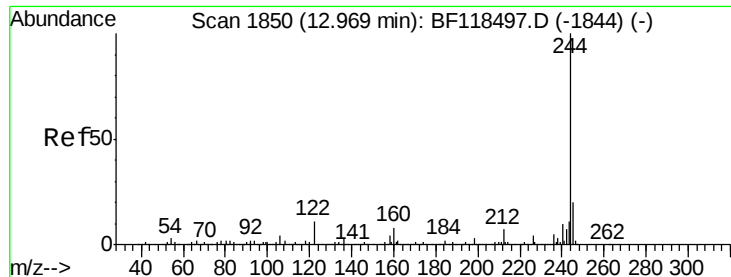


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 153.726 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:244 Resp: 2282305

Ion Ratio Lower Upper

244 100

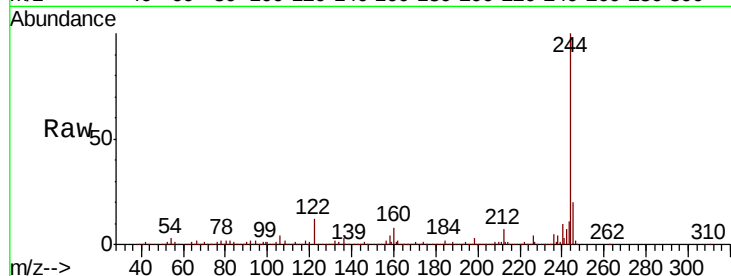
212 7.1 5.6 8.4

122 12.5 9.0 13.6

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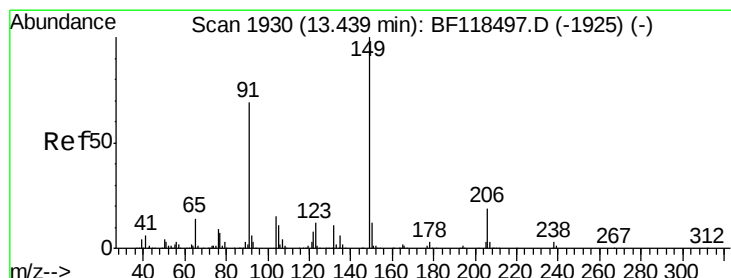
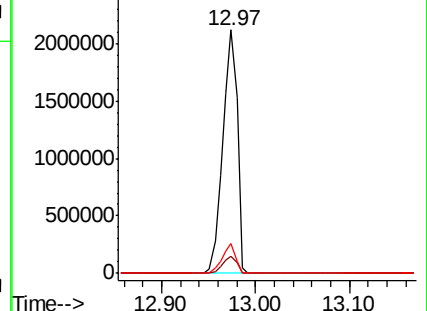
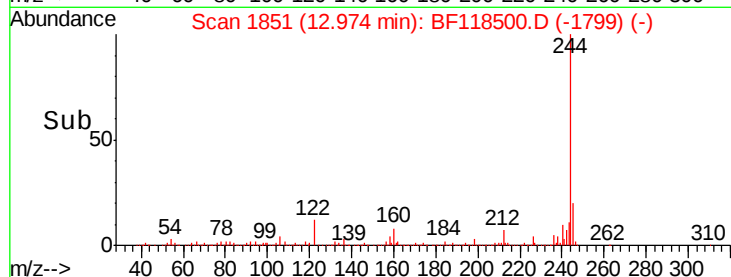
1/9/2020 12:10:37 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 79.268 ng

RT: 13.45 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

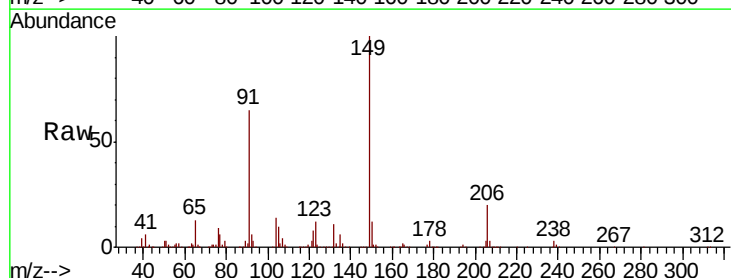
Tgt Ion:149 Resp: 685905

Ion Ratio Lower Upper

149 100

91 65.2 55.2 82.8

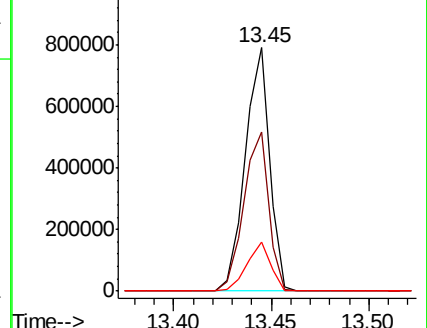
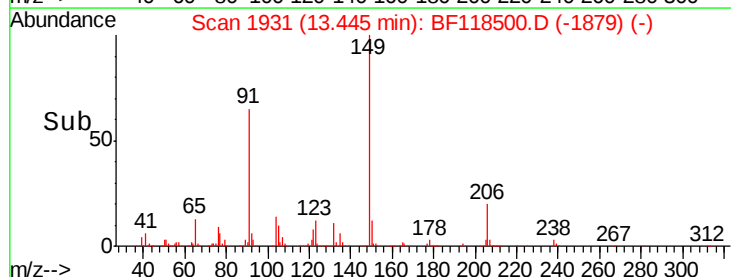
206 20.1 15.1 22.7

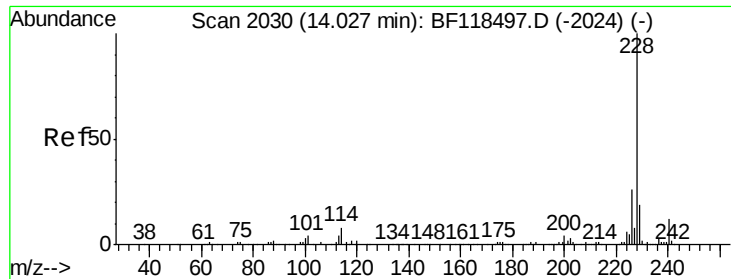


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





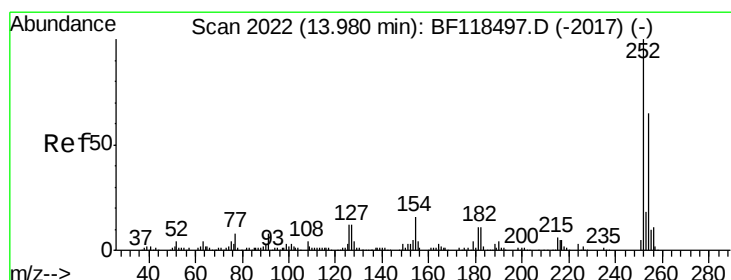
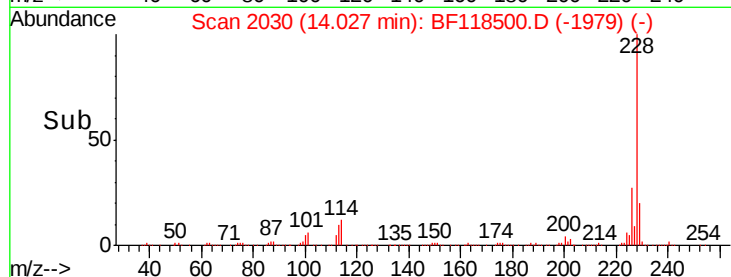
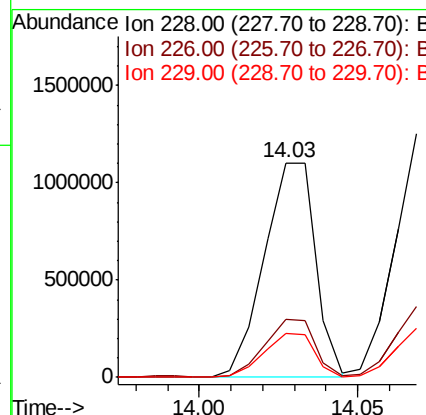
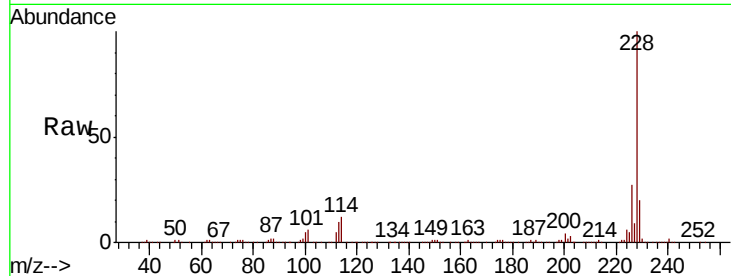
#81
Benzo(a)anthracene
Concen: 76.900 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.7	31.1
229	20.5	15.4	23.2

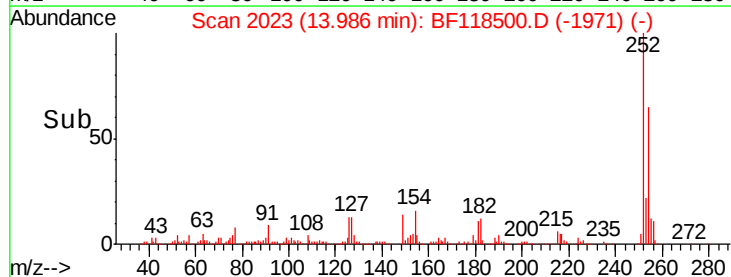
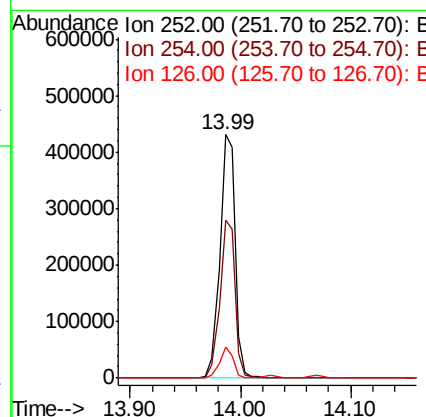
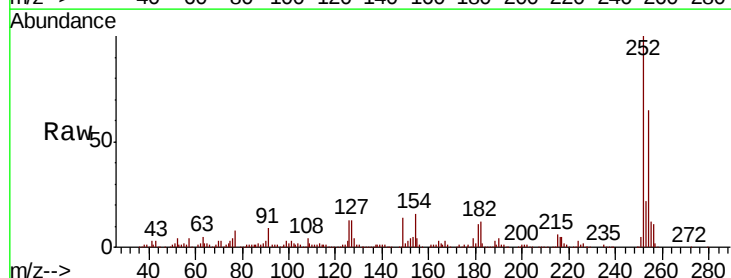
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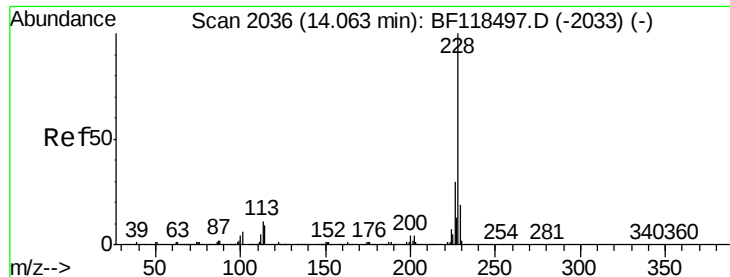
mohammad
1/9/2020 12:10:37 PM



#82
3,3'-Dichlorobenzidine
Concen: 79.979 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	13.0	9.6	14.4





#83

Chrysene

Concen: 77.265 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 1198488

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

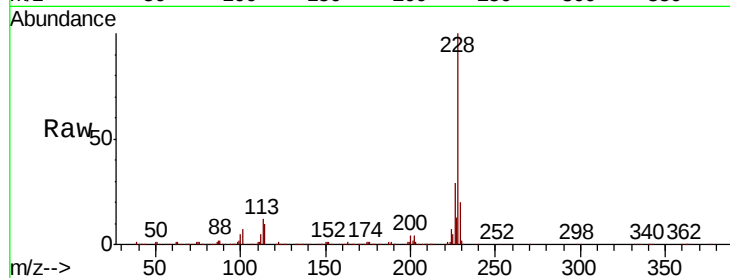
229 20.1 15.6 23.4

Manual Integrations

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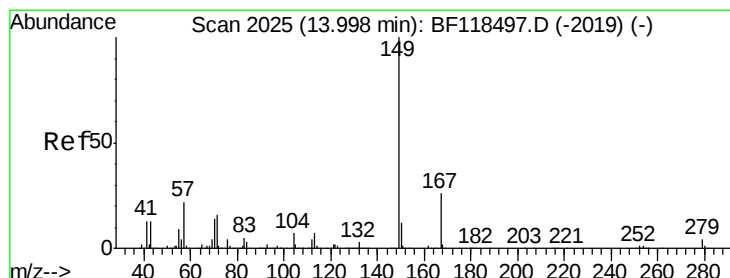
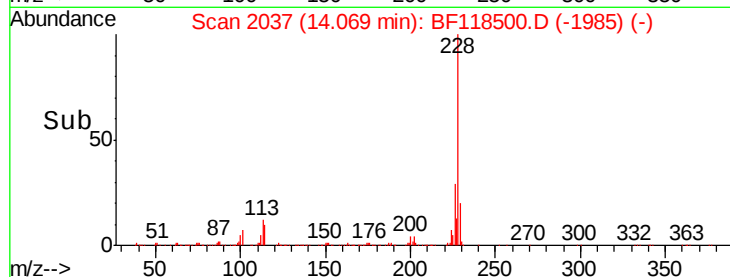
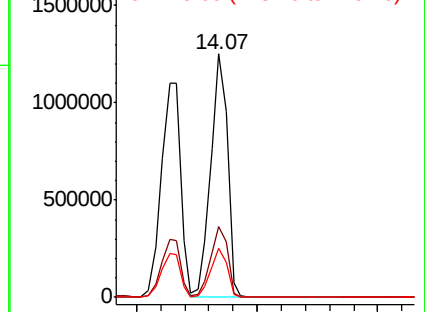


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 86.476 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

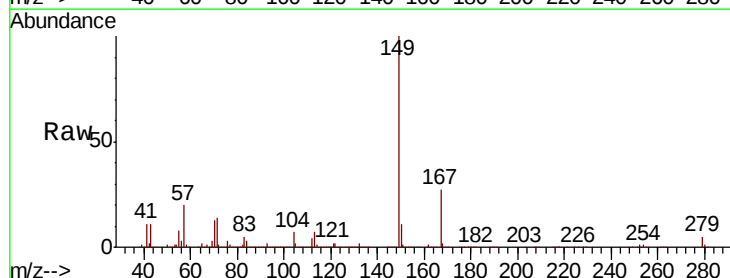
Tgt Ion:149 Resp: 936252

Ion Ratio Lower Upper

149 100

167 26.7 20.6 30.8

279 4.5 3.1 4.7

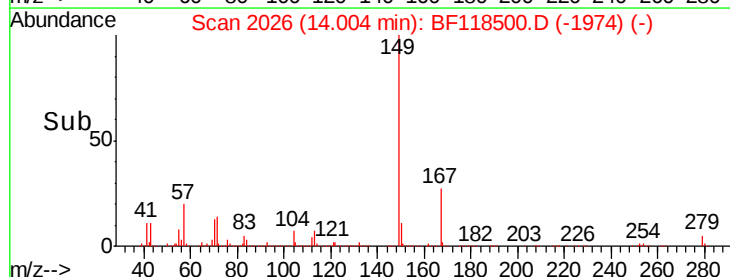
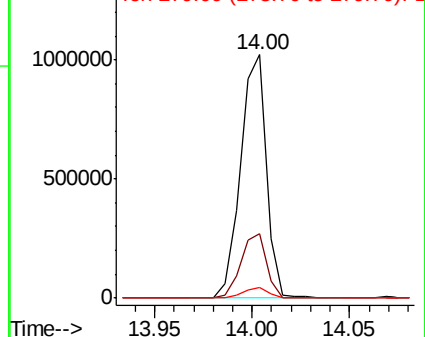


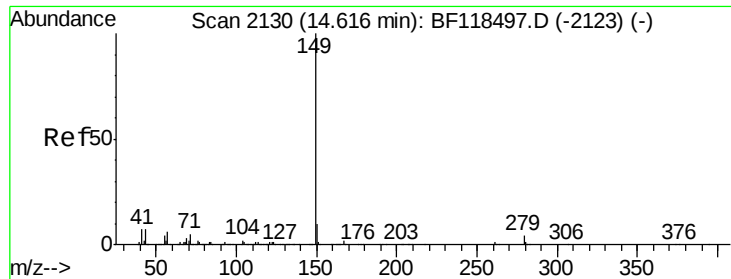
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 78.719 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 1311508

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

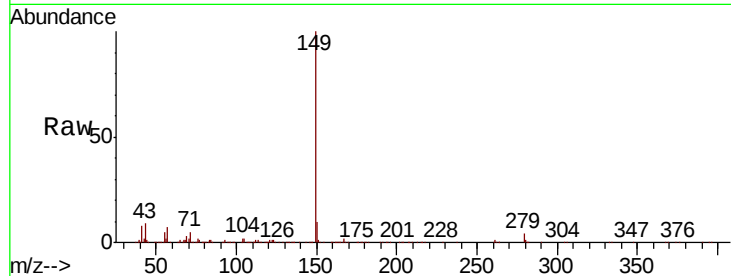
43 8.1 6.4 9.6

Manual Integrations

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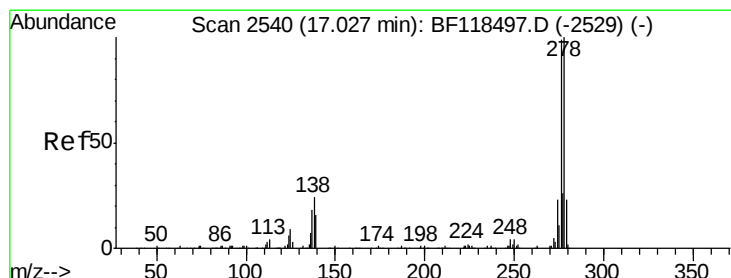
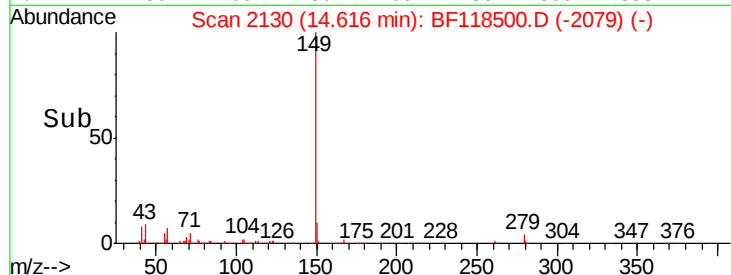
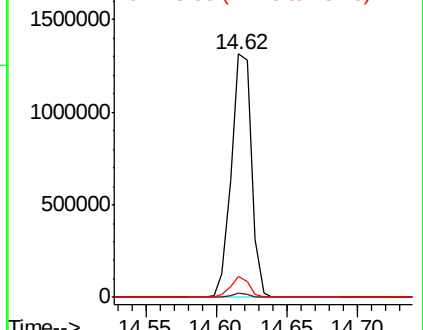
1/9/2020 12:10:37 PM



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: 104.917 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

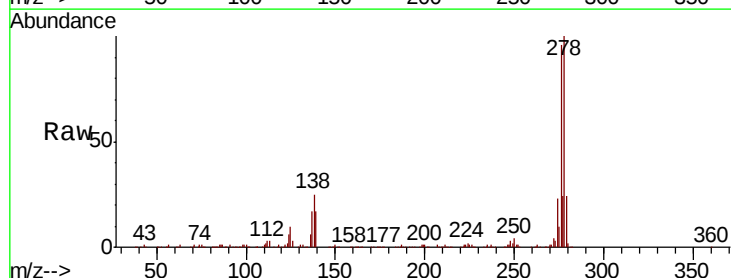
Tgt Ion:276 Resp: 1162679

Ion Ratio Lower Upper

276 100

138 24.5 19.0 28.4

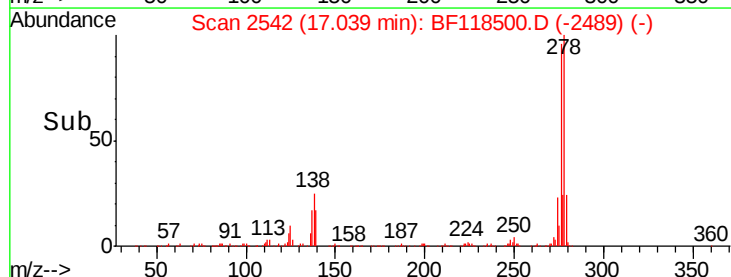
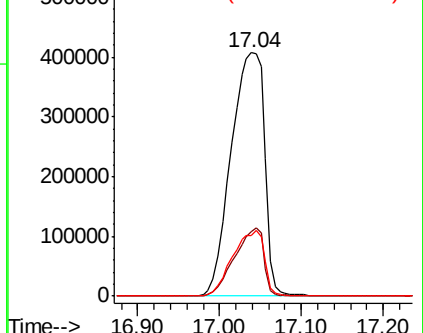
277 25.4 20.5 30.7

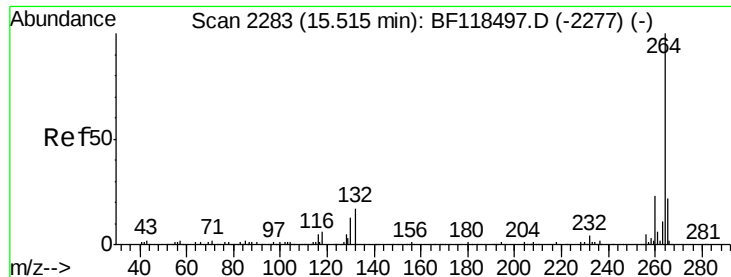


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





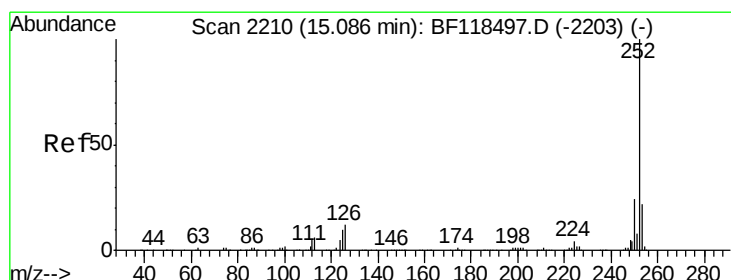
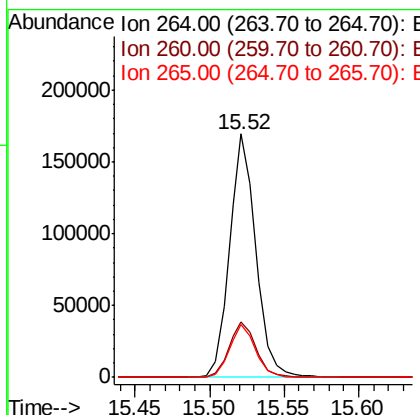
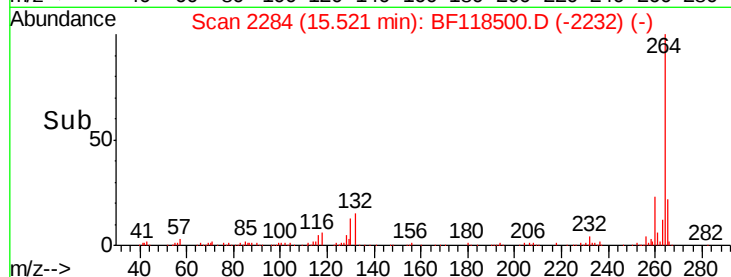
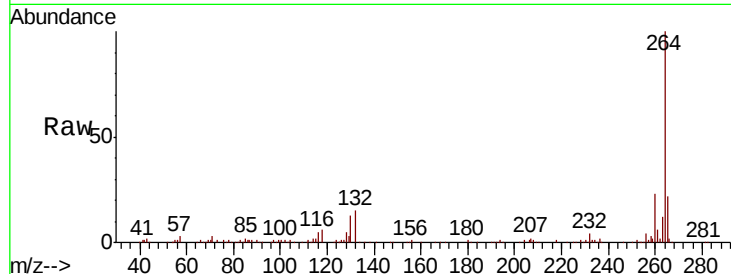
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.9	17.5	26.3

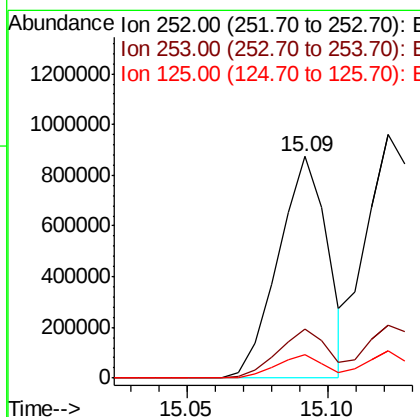
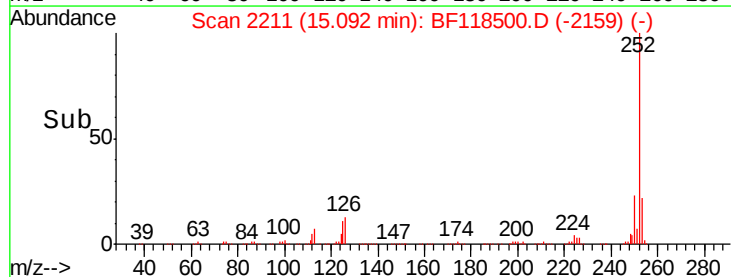
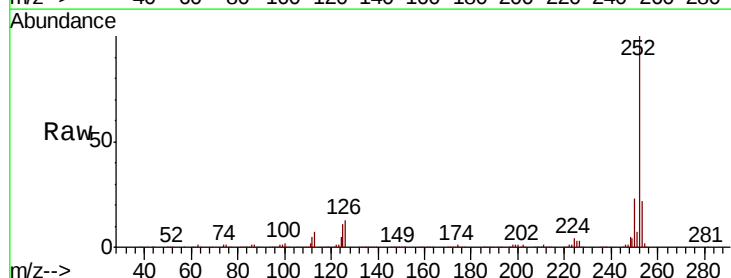
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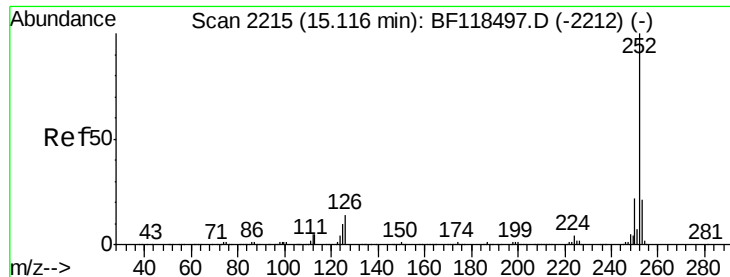
mohammad
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#88
Benzo(b)fluoranthene
Concen: 73.246 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.7	7.8	11.6





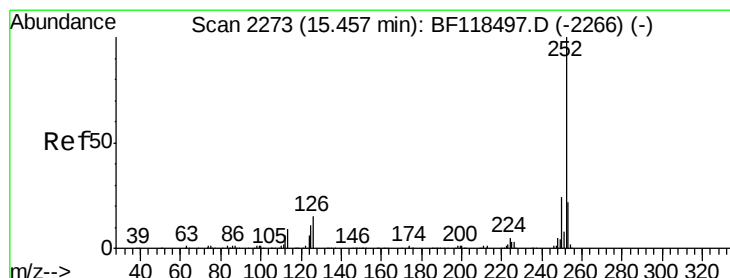
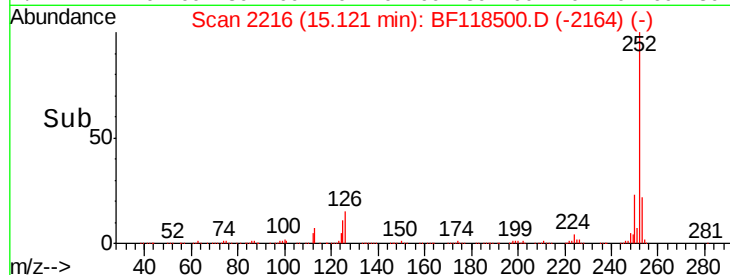
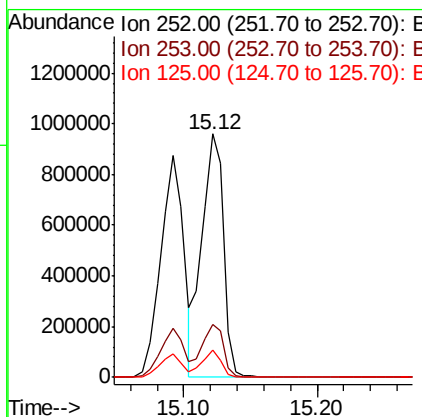
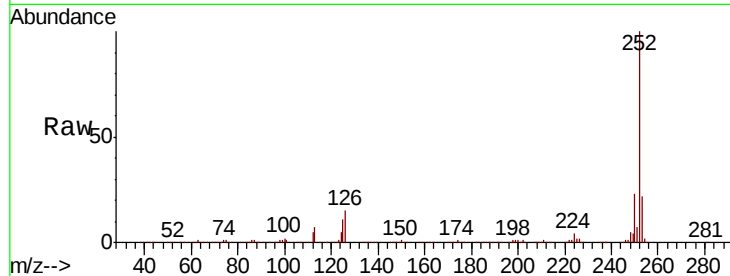
#89
Benzo(k)fluoranthene
Concen: 75.279 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	11.1	7.8	11.6

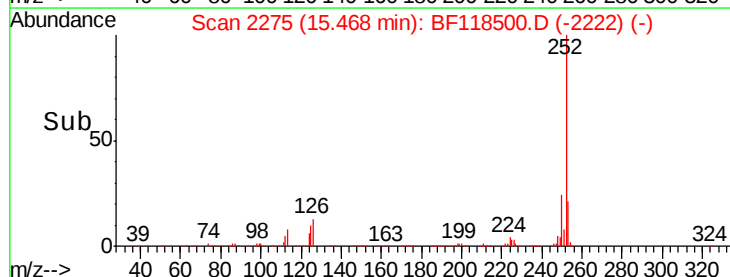
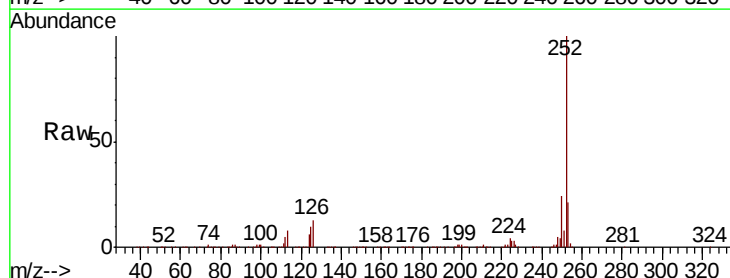
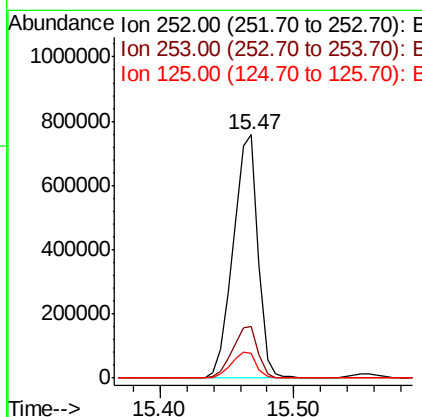
Manual Integrations
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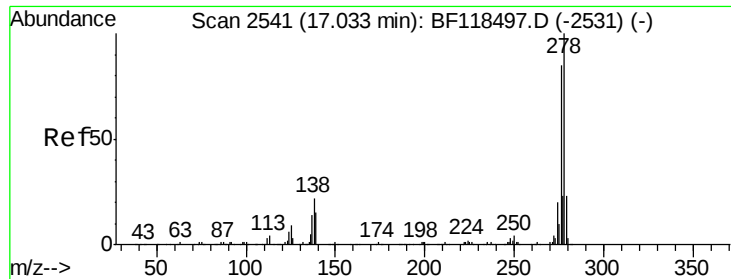
mohammad
1/9/2020 12:10:37 PM



#90
Benzo(a)pyrene
Concen: 74.521 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	10.2	9.0	13.6





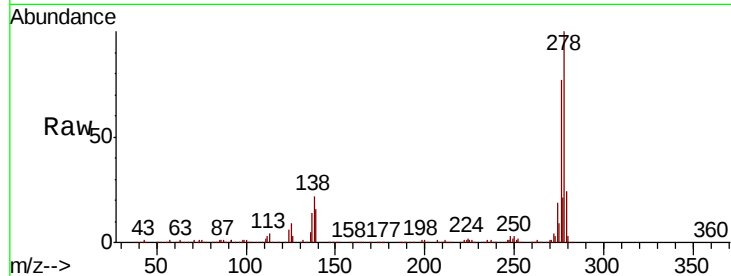
#91
Dibenzo(a,h)anthracene
Concen: 92.142 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

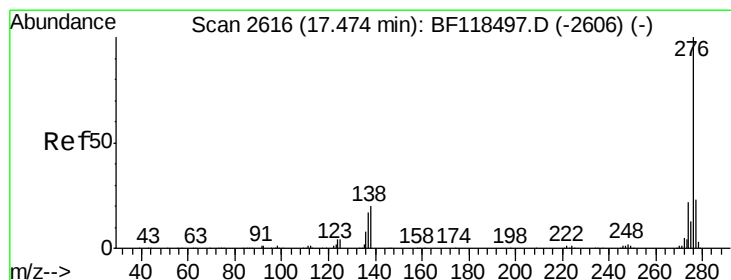
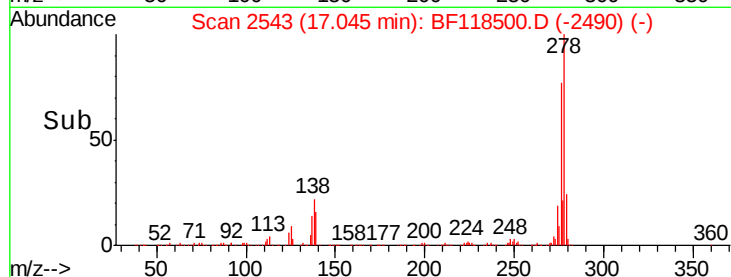
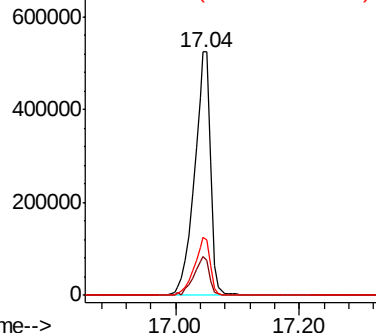
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.9	17.9
279	24.1	18.6	27.8

Manual Integrations
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1/9/2020 12:10:37 PM



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



#92
Benzo(g,h,i)perylene
Concen: 85.729 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.02 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.2	27.4
138	21.3	16.3	24.5

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

