

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118497.D
 Acq On : 8 Jan 2020 12:45
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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 1/9/2020 12:10:32 PM

Quant Time: Jan 08 15:21:40 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	92261	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	376451	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	205461	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	398428	20.00	ng	0.00
76) Chrysene-d12	14.04	240	272412	20.00	ng	0.00
87) Perylene-d12	15.52	264	227482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	405333	78.86	ng	0.00
7) Phenol-d6	6.47	99	511558	77.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	510256	73.42	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	176827	70.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1071400	76.98	ng	0.00
79) Terphenyl-d14	12.97	244	1307286	73.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	67768	38.992	ng	100
3) Pyridine	3.30	79	184309	38.575	ng	100
4) n-Nitrosodimethylamine	3.26	42	92544	40.077	ng	100
6) Aniline	6.50	93	323432	39.904	ng	100
8) 2-Chlorophenol	6.62	128	231598	38.658	ng	100
9) Benzaldehyde	6.39	77	128591	35.583	ng	100
10) Phenol	6.49	94	285146	38.997	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	205263	40.543	ng	100
12) 1,3-Dichlorobenzene	6.77	146	271008	38.287	ng	100
13) 1,4-Dichlorobenzene	6.85	146	279209	38.896	ng	100
14) 1,2-Dichlorobenzene	7.00	146	269152	39.952	ng	100
15) Benzyl Alcohol	6.98	79	211621	40.247	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	223953	39.609	ng	100
17) 2-Methylphenol	7.09	107	188577	38.820	ng	100
18) Hexachloroethane	7.34	117	103782	39.325	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	166270	40.733	ng	100
20) 3+4-Methylphenols	7.25	107	248965	39.106	ng	100
22) Acetophenone	7.25	105	351345	36.394	ng	100
24) Nitrobenzene	7.42	77	254579	37.042	ng	100
25) Isophorone	7.66	82	435507	36.757	ng	100
26) 2-Nitrophenol	7.74	139	128147	34.887	ng	100
27) 2,4-Dimethylphenol	7.77	122	170630	35.480	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	290981	38.818	ng	100
29) 2,4-Dichlorophenol	7.99	162	205936	36.314	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	240526	35.842	ng	100
31) Naphthalene	8.15	128	743406	37.551	ng	100
32) Benzoic acid	7.93	122	117987m	35.206	ng	
33) 4-Chloroaniline	8.20	127	287775	34.664	ng	100
34) Hexachlorobutadiene	8.26	225	140480	35.090	ng	100
35) Caprolactam	8.58	113	66243	37.002	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	231593	38.808	ng	100
37) 2-Methylnaphthalene	8.84	142	523960	38.715	ng	100
38) 1-Methylnaphthalene	8.94	142	474378	36.623	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	237383	38.191	ng	100

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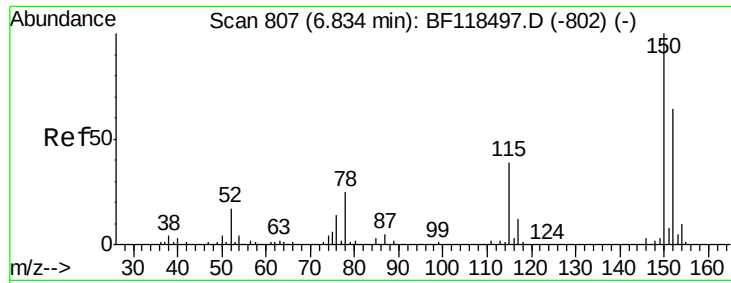
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	44518	39.568	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	143057	36.037	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	151519	37.495	nq	100
46) 1,1'-Biphenyl	9.30	154	622986	37.879	nq	100
47) 2-Chloronaphthalene	9.33	162	492712	37.379	nq	100
48) 2-Nitroaniline	9.43	65	143083	37.569	nq	100
49) Acenaphthylene	9.75	152	760086	38.784	nq	100
50) Dimethylphthalate	9.60	163	599148	37.880	nq	100
51) 2,6-Dinitrotoluene	9.67	165	127251	39.257	nq	100
52) Acenaphthene	9.92	154	453072	36.715	nq	100
53) 3-Nitroaniline	9.85	138	144401	36.397	nq	100
54) 2,4-Dinitrophenol	9.96	184	50382	36.750	nq	100
55) Dibenzofuran	10.09	168	705884	40.403	nq	100
56) 4-Nitrophenol	10.02	139	75595	39.620	nq	100
57) 2,4-Dinitrotoluene	10.09	165	175705	39.398	nq	100
58) Fluorene	10.44	166	593655	41.439	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	132685	39.577	nq	100
60) Diethylphthalate	10.30	149	645922	41.529	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	302595	42.261	nq	100
62) 4-Nitroaniline	10.47	138	155432	38.278	nq	100
63) Azobenzene	10.59	77	542689	40.572	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	84479	37.049	nq	100
66) n-Nitrosodiphenylamine	10.55	169	498729	36.556	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	173786	34.403	nq	100
68) Hexachlorobenzene	10.99	284	202537	33.699	nq	100
69) Atrazine	11.07	200	143057	34.099	nq	100
70) Pentachlorophenol	11.19	266	63810	34.166	nq	100
71) Phenanthrene	11.40	178	824930	37.519	nq	100
72) Anthracene	11.46	178	818534	36.778	nq	100
73) Carbazole	11.62	167	713832	34.980	nq	100
74) Di-n-butylphthalate	11.93	149	1051286	39.280	nq	100
75) Fluoranthene	12.60	202	880521	38.009	nq	100
77) Benzidine	12.72	184	262292	34.065	nq	100
78) Pyrene	12.83	202	867878	36.888	nq	100
80) Butylbenzylphthalate	13.44	149	429748	41.460	nq	100
81) Benzo(a)anthracene	14.03	228	707092	36.482	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	234329	38.109	nq	100
83) Chrysene	14.06	228	681795	36.693	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	567035	43.722	nq	100
85) Di-n-octyl phthalate	14.62	149	923450	46.271	nq	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	576003	43.391	nq	100
88) Benzo(b)fluoranthene	15.09	252	633088	40.010	nq	100
89) Benzo(k)fluoranthene	15.12	252	631826	40.572	nq	100
90) Benzo(a)pyrene	15.46	252	468979	32.507	nq	100
91) Dibenzo(a,h)anthracene	17.03	278	482977	42.929	nq	100
92) Benzo(g,h,i)perylene	17.47	276	423582	36.295	nq	100

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



#1

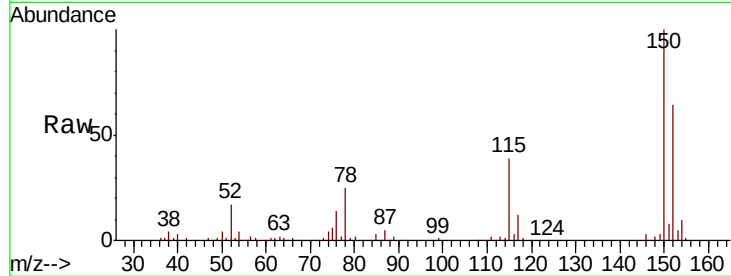
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	61.3	49.0	73.6

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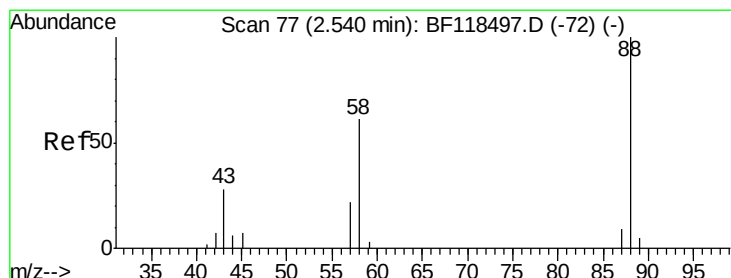
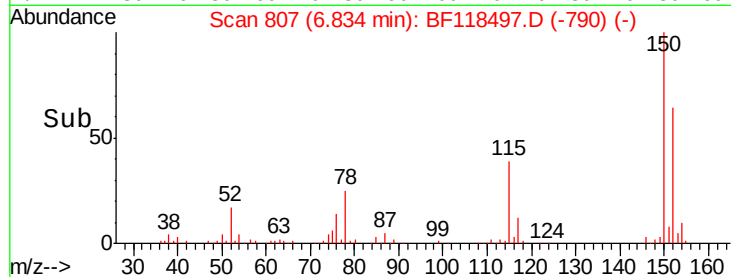
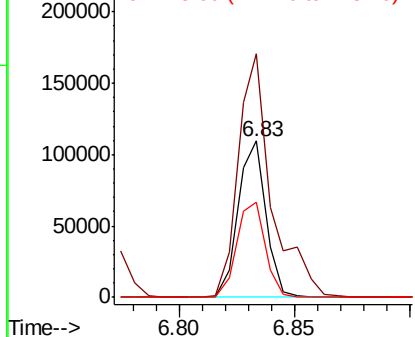


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

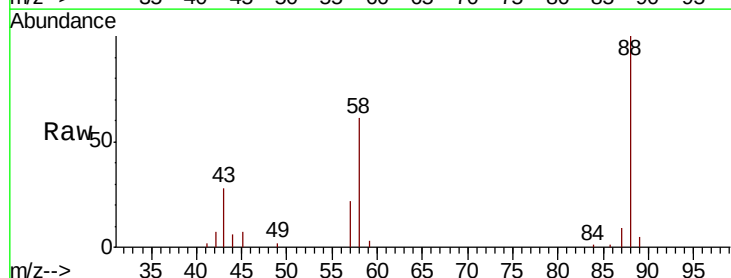
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.992 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.4	48.3	72.5
43	29.2	23.4	35.0

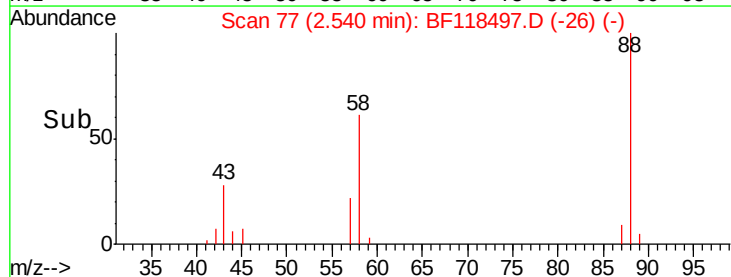
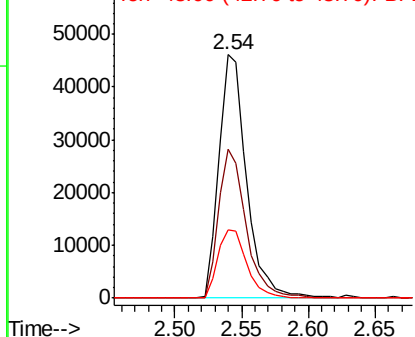


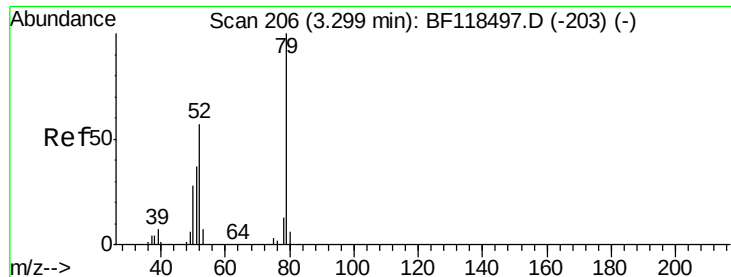
Abundance

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





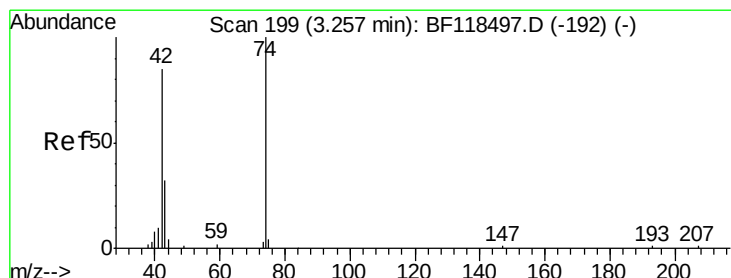
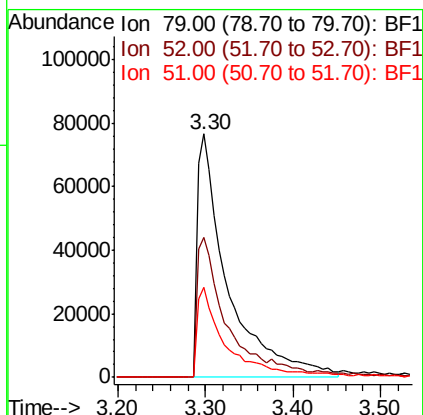
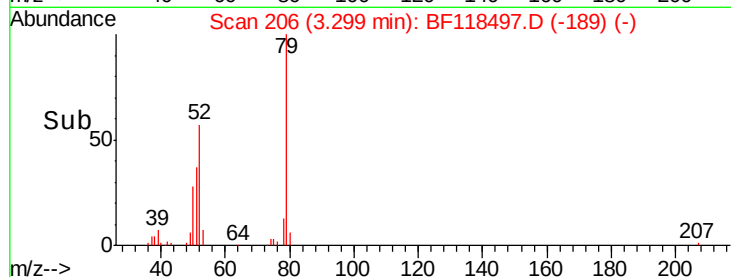
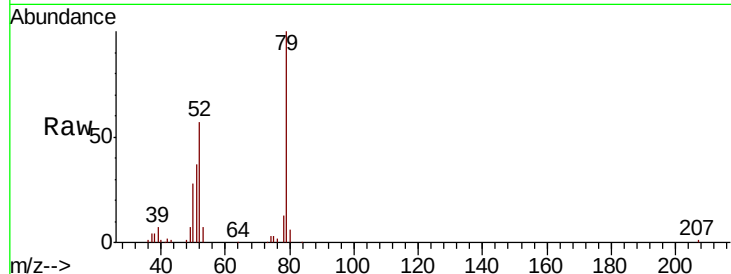
#3
 Pvridine
 Concen: 38.575 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion:	79	Resp:	184309
Ion	Ratio	Lower	Upper
79	100		
52	57.4	45.9	68.9
51	37.2	29.8	44.6

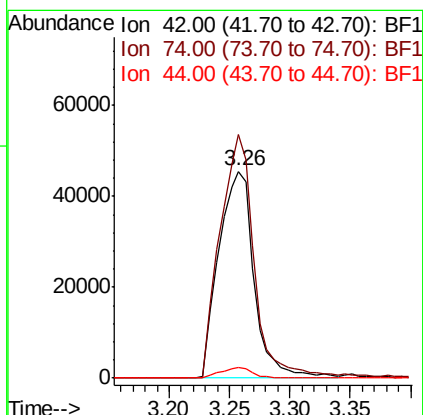
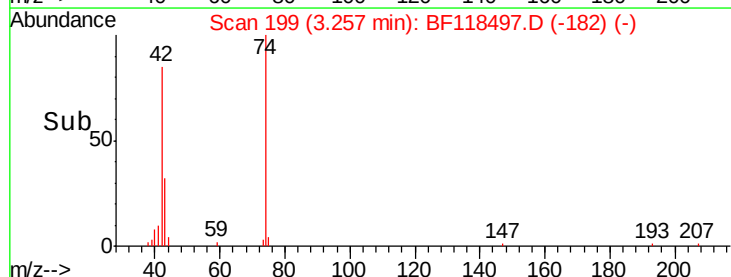
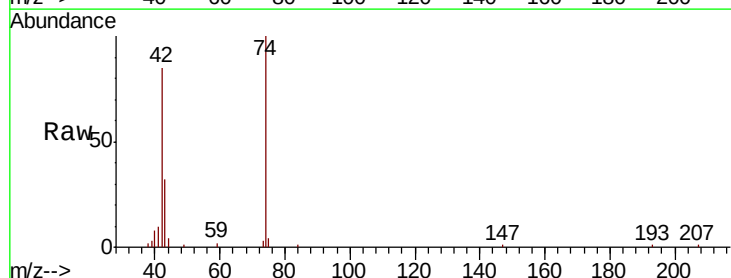
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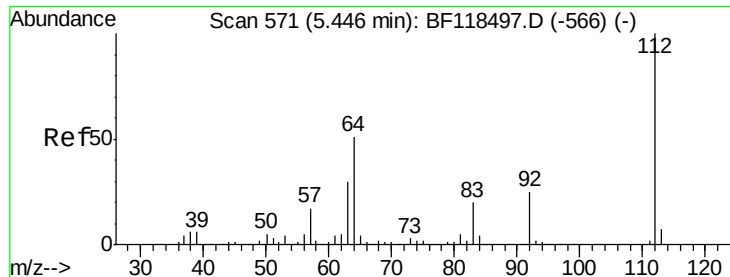
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#4
 n-Nitrosodimethylamine
 Concen: 40.077 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion:	42	Resp:	92544
Ion	Ratio	Lower	Upper
42	100		
74	117.6	94.1	141.1
44	5.1	4.1	6.1





#5

2-Fluorophenol

Concen: 78.865 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampled :

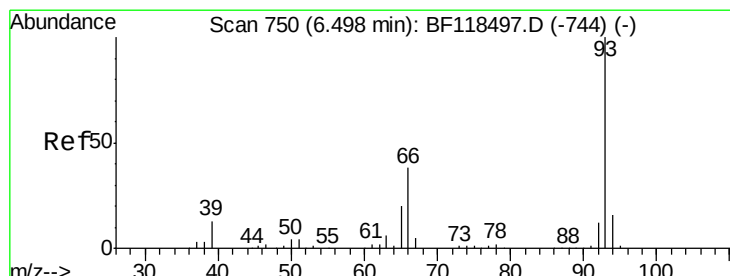
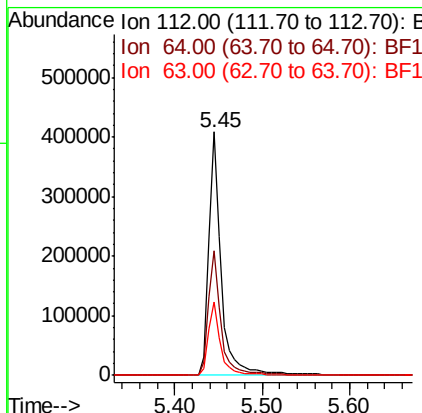
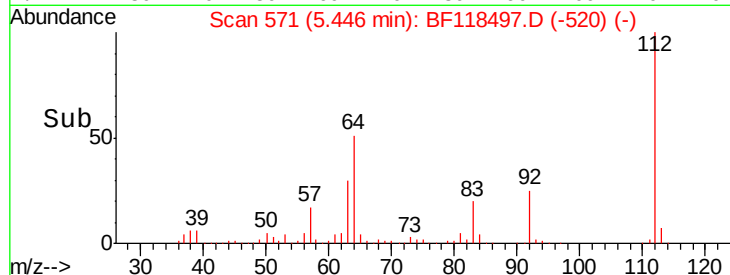
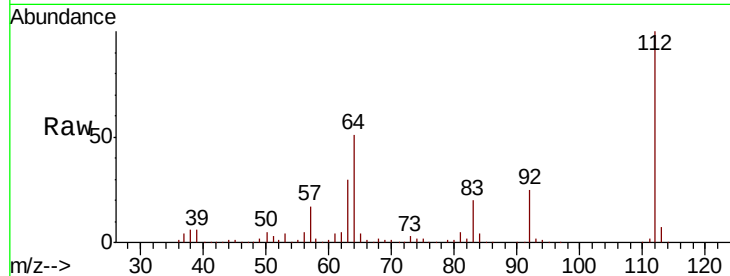
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Tot Ion:	112	Resp:	405333
Ion Ratio	Lower	Upper	
112	100		
64	51.4	41.1	61.7
63	30.1	24.1	36.1

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#6

Aniline

Concen: 39.904 ng

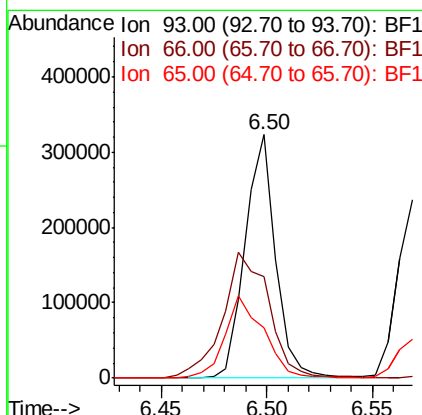
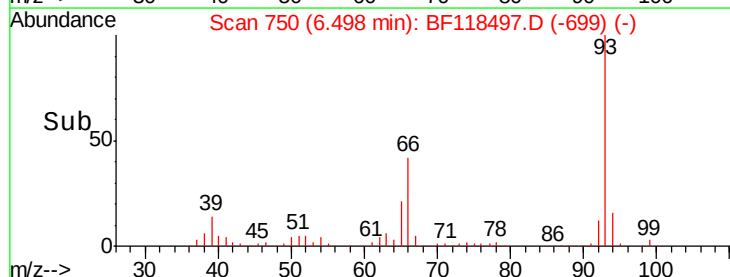
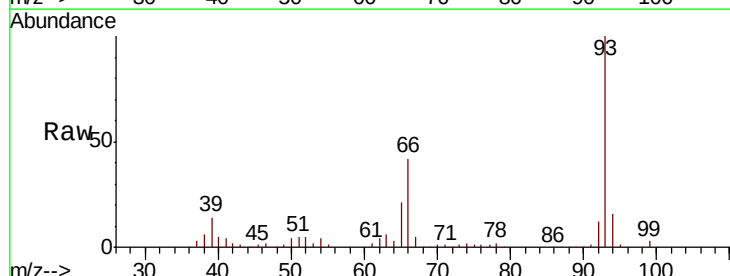
RT: 6.50 min Scan# 750

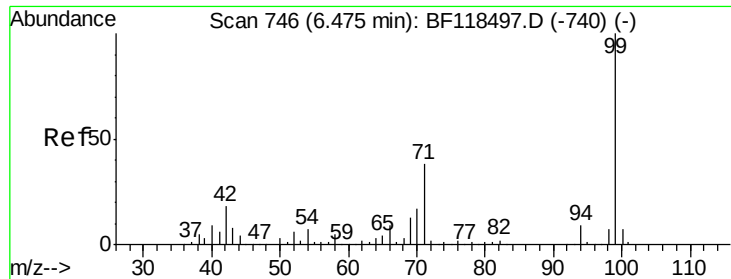
Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	93	Resp:	323432
Ion Ratio	Lower	Upper	
93	100		
66	41.7	33.4	50.0
65	20.9	16.7	25.1





#7

Phenol-d6

Concen: 77.980 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

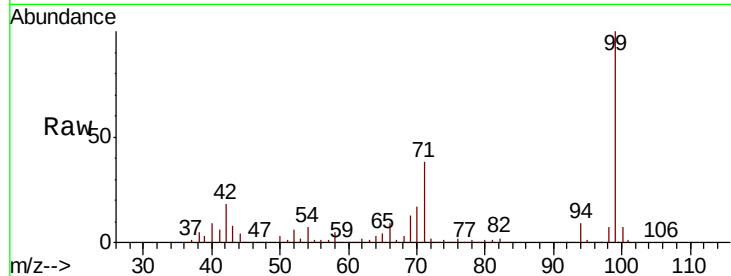
SSTDICCC040

Tot Ion:	99	Resp:	511558
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	38.2	30.6	45.8

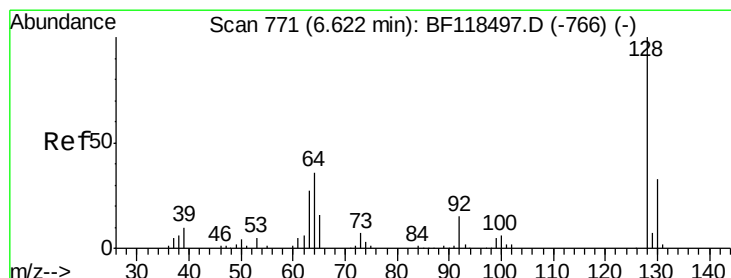
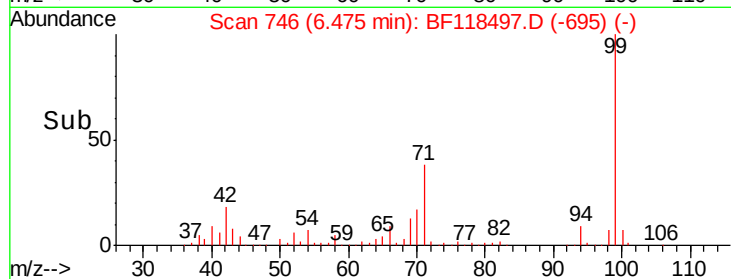
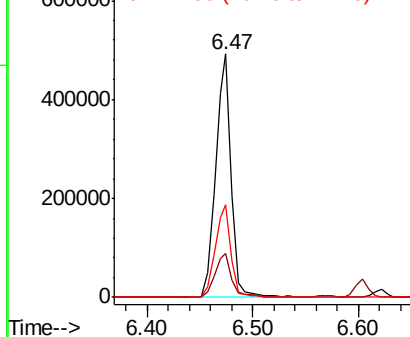
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.658 ng

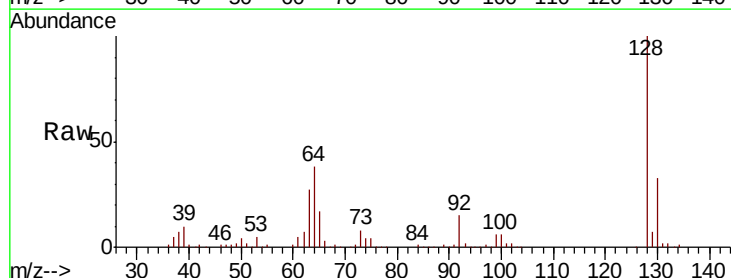
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

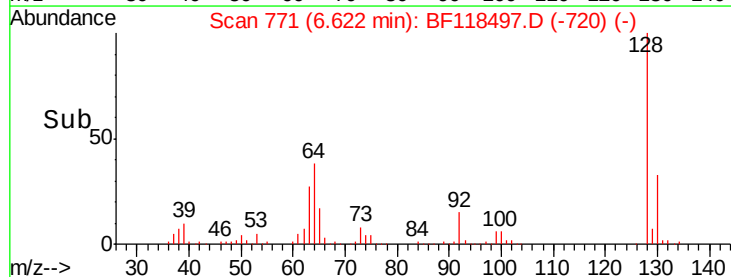
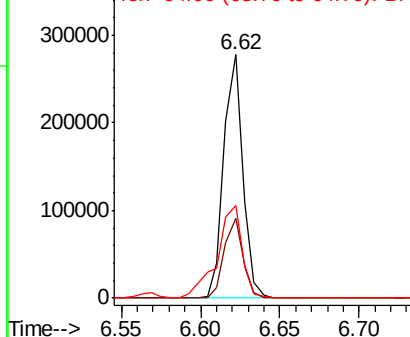
Lab File: BF118497.D

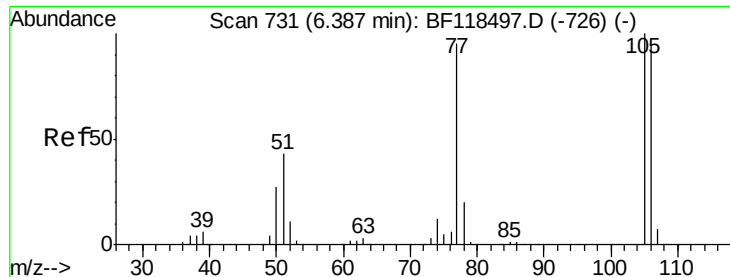
Acq: 8 Jan 2020 12:45

Tgt Ion:	128	Resp:	231598
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.7	52.7
64	37.8	17.8	57.8



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





#9

Benzaldehyde

Concen: 35.583 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleID :

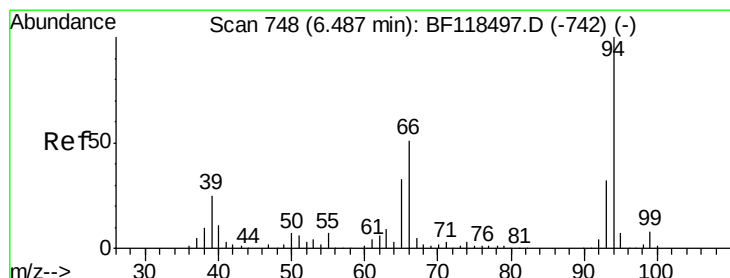
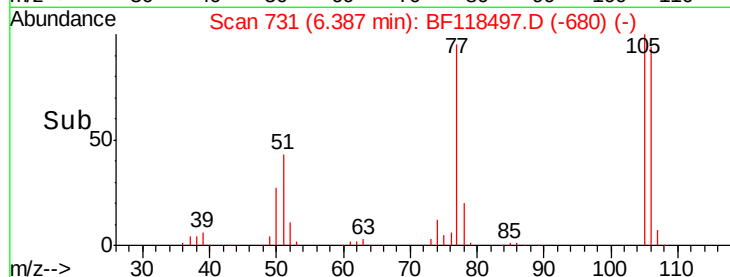
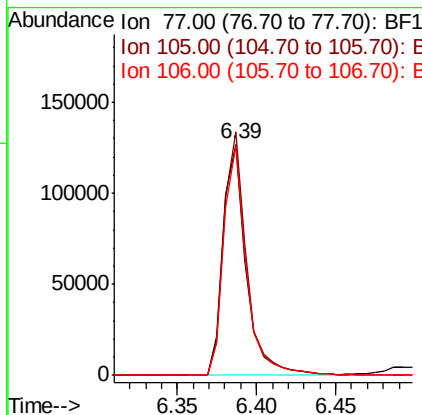
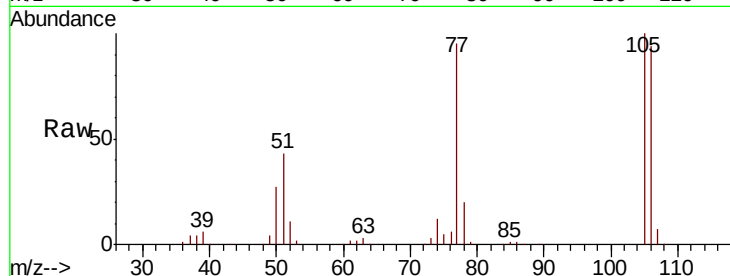
SSTDICCC040

Tot Ion:	77	Resp:	128591
Ion	Ratio	Lower	Upper
77	100		
105	105.4	85.4	125.4
106	99.5	79.5	119.5

Manual Integrations
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#10

Phenol

Concen: 38.997 ng

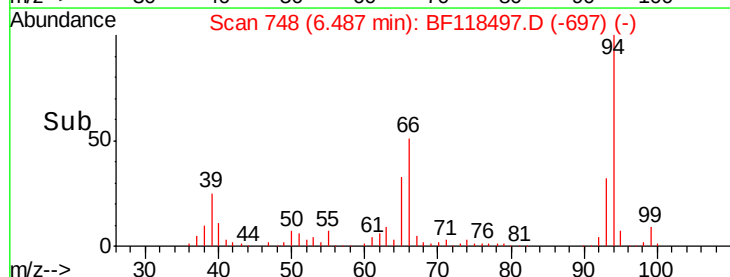
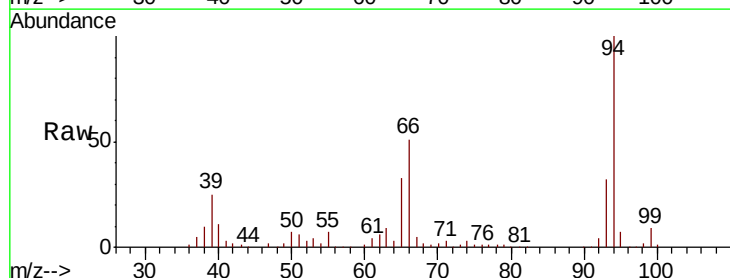
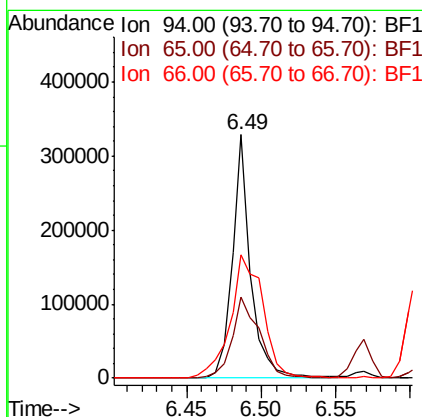
RT: 6.49 min Scan# 748

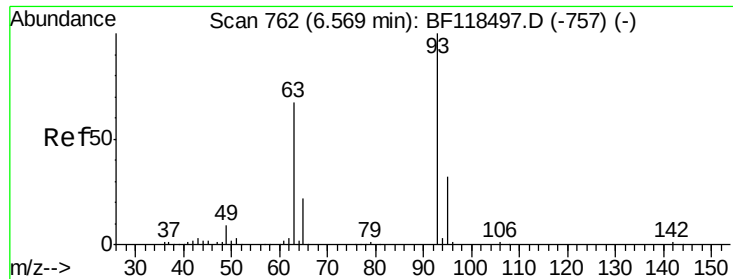
Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	94	Resp:	285146
Ion	Ratio	Lower	Upper
94	100		
65	33.3	13.3	53.3
66	50.9	30.9	70.9





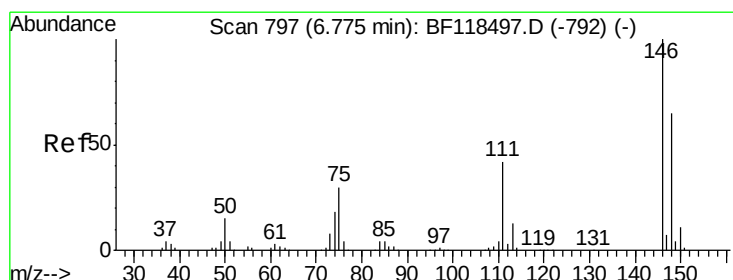
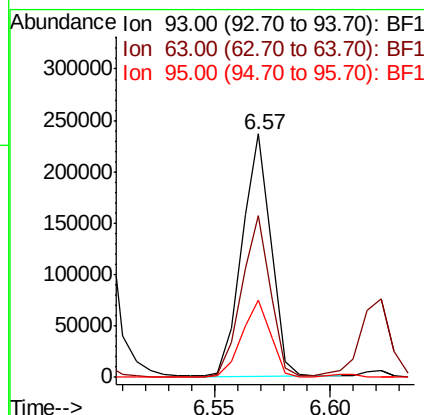
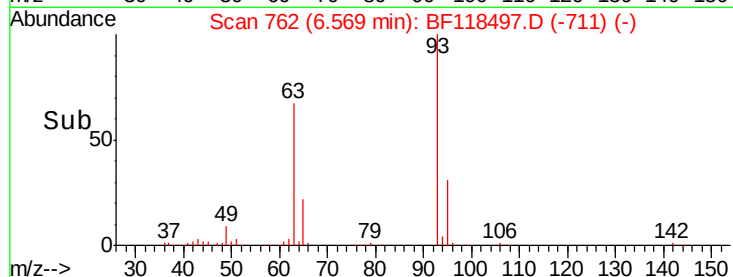
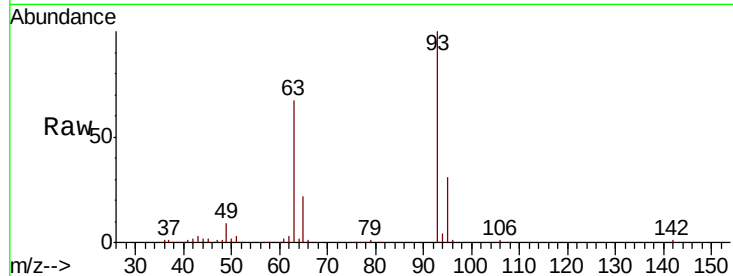
#11
bis(2-Chloroethyl)ether
Concen: 40.543 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	93	Resp:	205263
Ion Ratio	Lower	Upper	
93	100		
63	66.6	46.6	86.6
95	31.5	11.5	51.5

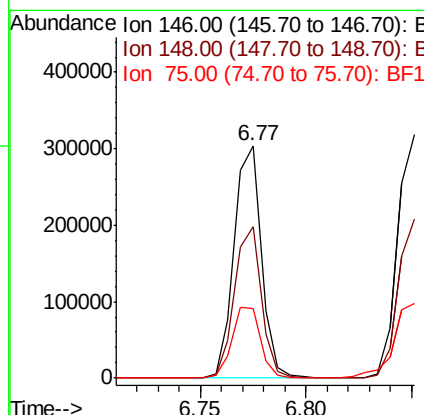
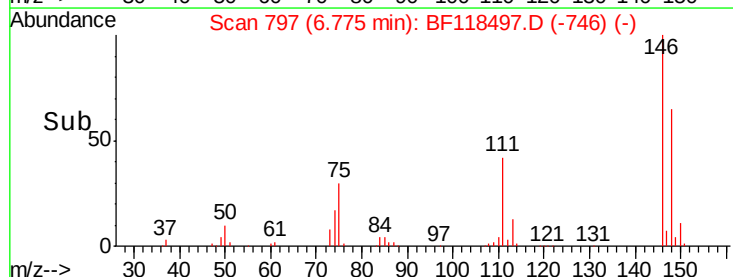
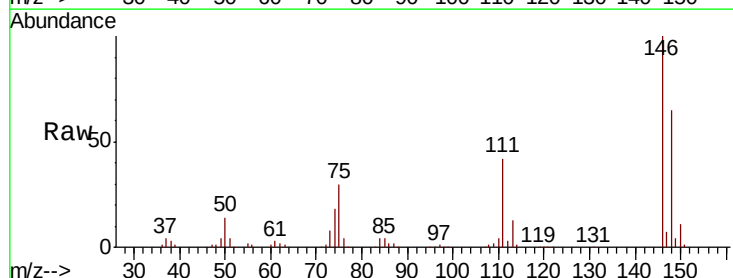
Manual Integrations
APPROVED

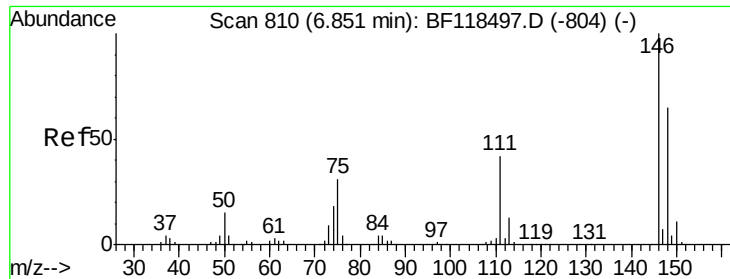
mohammad
1/9/2020 12:10:32 PM



#12
1,3-Dichlorobenzene
Concen: 38.287 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion:	146	Resp:	271008
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.4	78.6
75	30.1	24.1	36.1





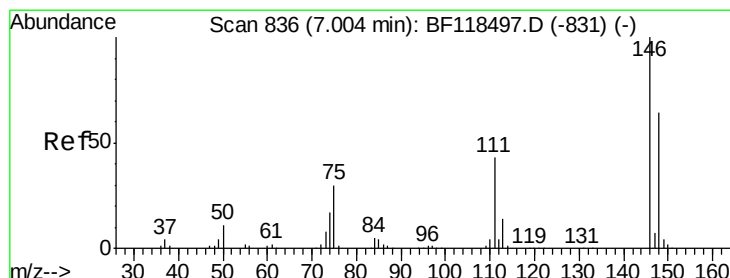
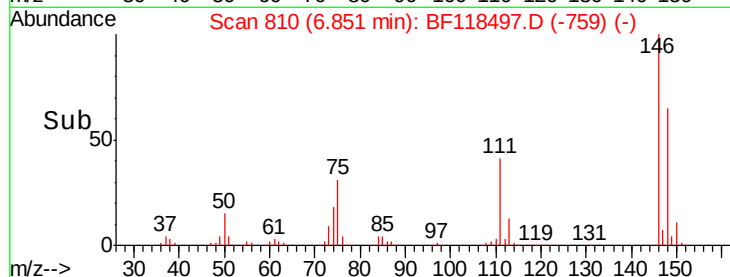
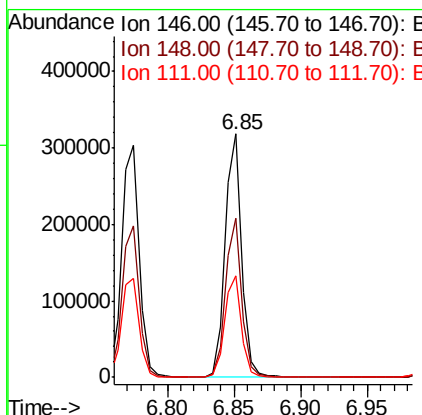
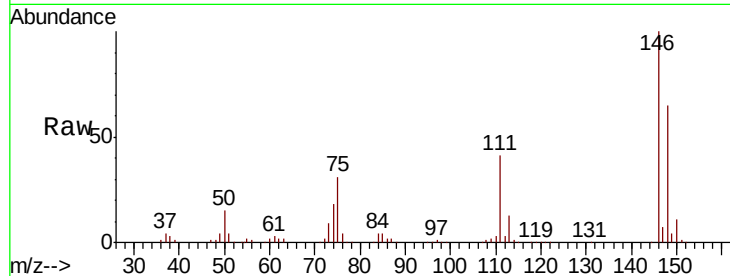
#13
 1,4-Dichlorobenzene
 Concen: 38.896 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	41.5	33.2	49.8

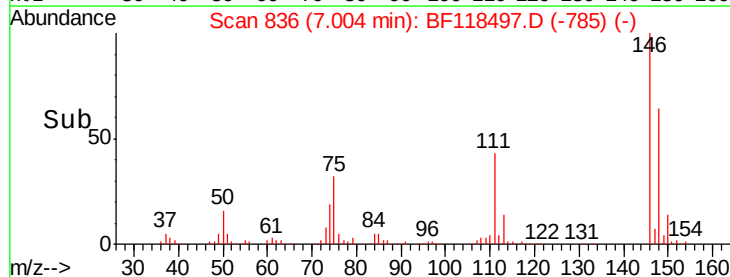
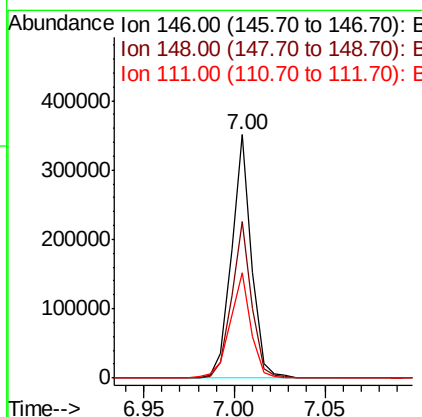
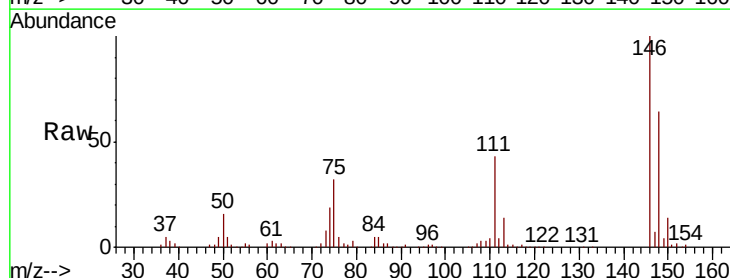
Manual Integrations
 APPROVED

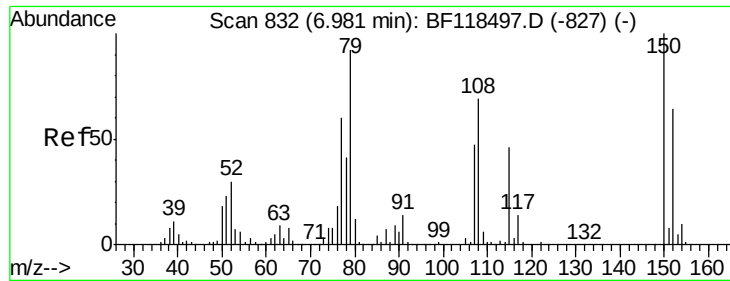
mohammad
 1/9/2020 12:10:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.952 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	43.4	34.7	52.1





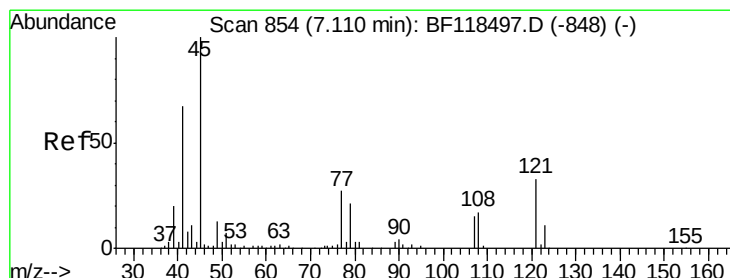
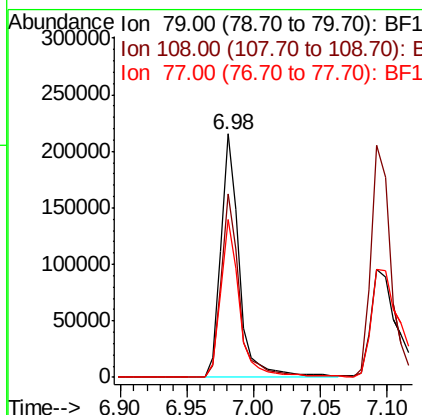
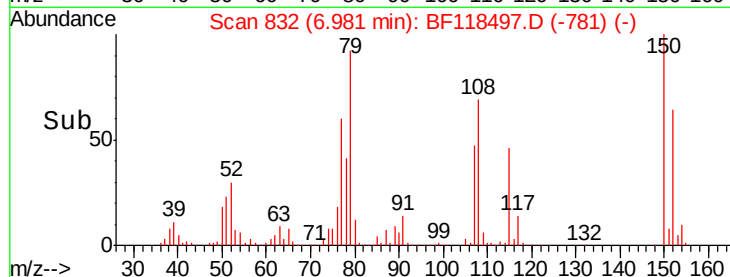
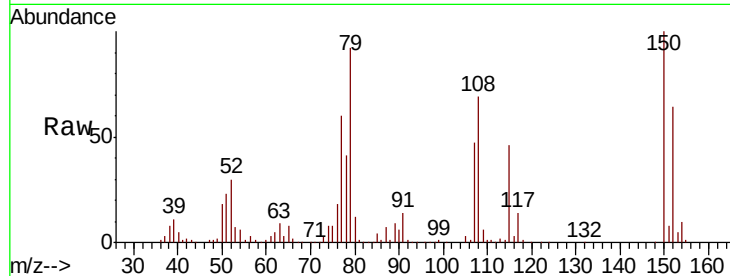
#15
Benzyl Alcohol
Concen: 40.247 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	75.2	60.2	90.2	
77	64.8	51.8	77.8	

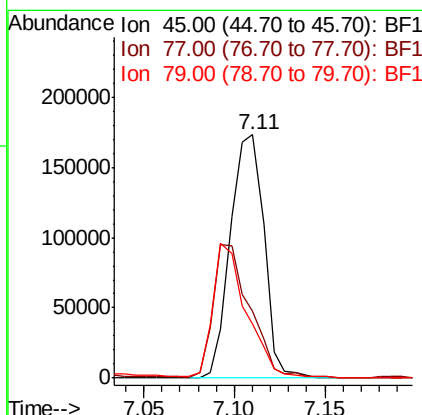
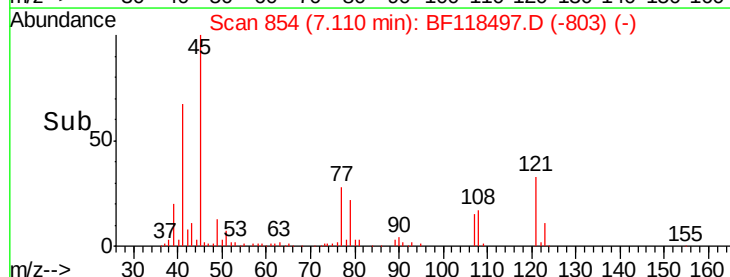
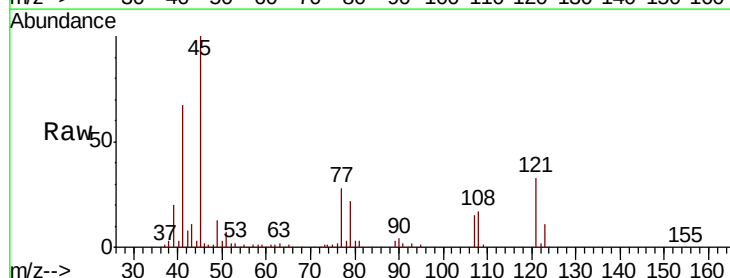
Manual Integrations
APPROVED

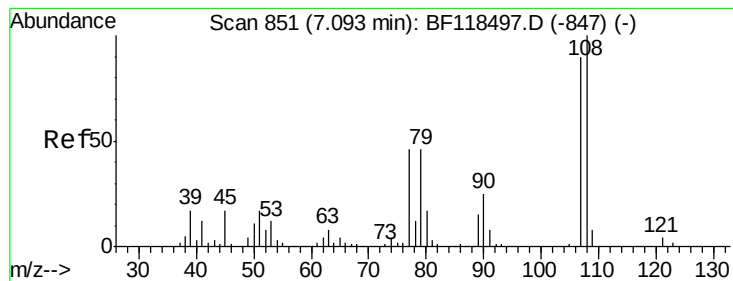
mohammad
1/9/2020 12:10:32 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.609 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	27.6	7.6	47.6	
79	22.0	2.0	42.0	





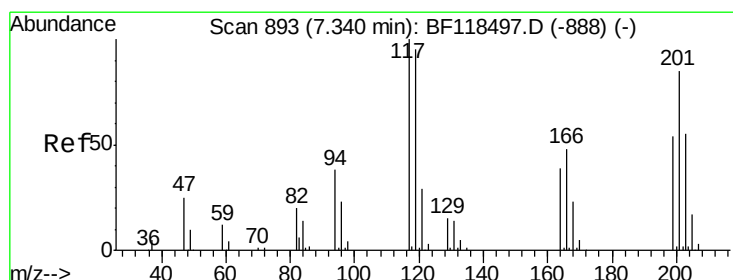
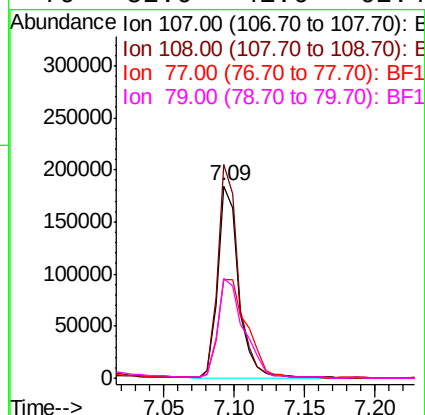
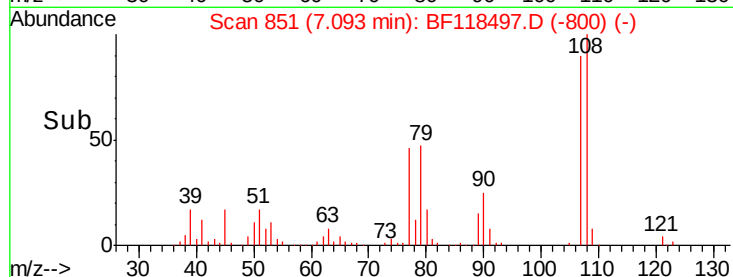
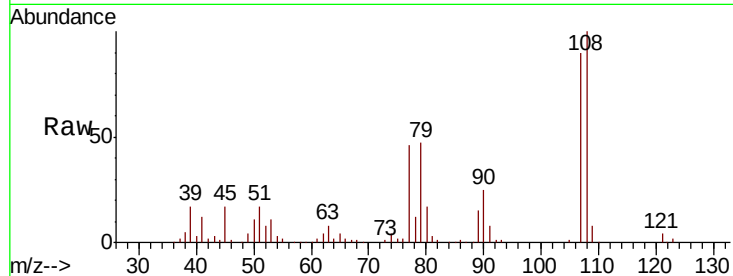
#17
2-Methylphenol
Concen: 38.820 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	88.9	133.3	
77	51.5	41.2	61.8	
79	52.0	41.6	62.4	

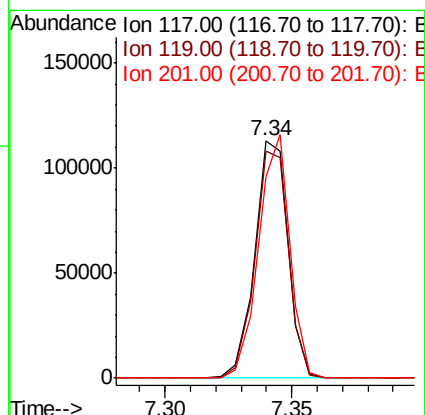
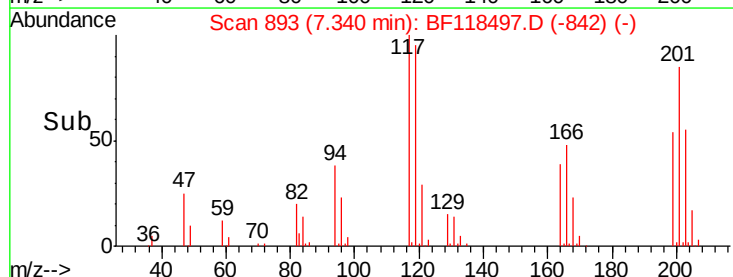
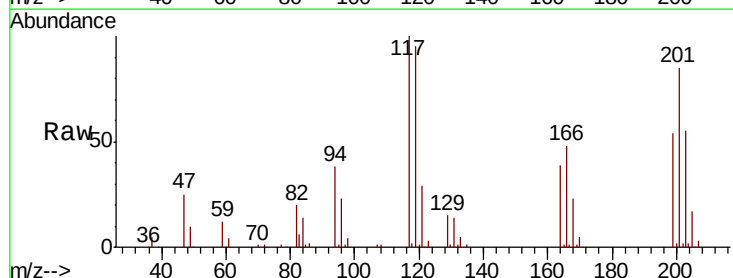
Manual Integrations
APPROVED

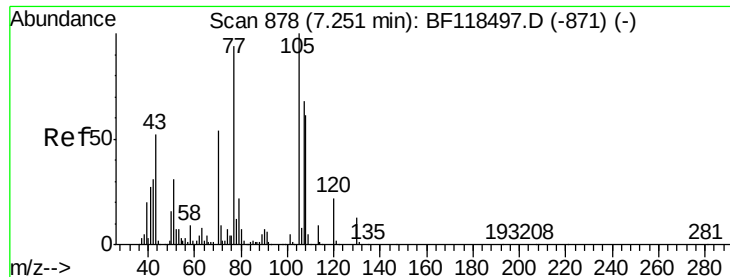
mohammad
1/9/2020 12:10:32 PM



#18
Hexachloroethane
Concen: 39.325 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	76.2	114.4	
201	84.6	67.7	101.5	





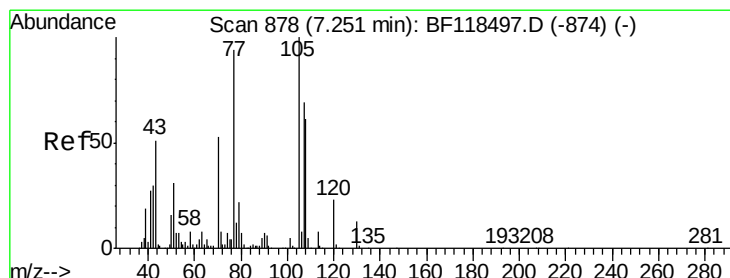
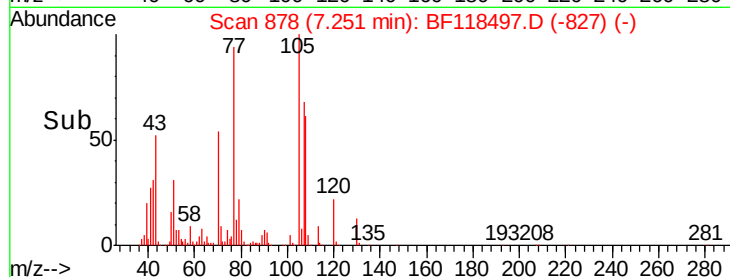
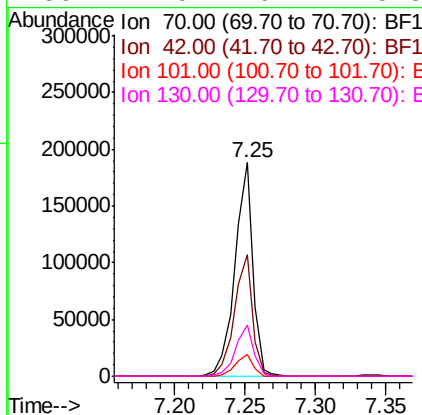
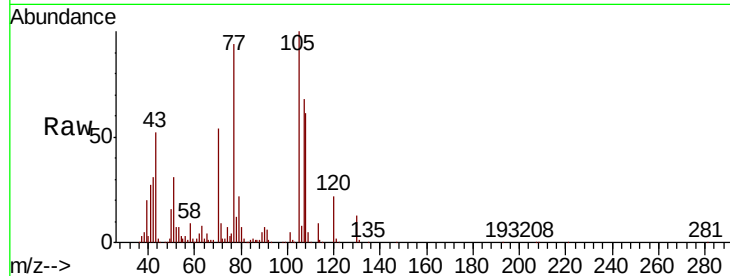
#19
n-Nitroso-di-n-propylamine
Concen: 40.733 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	45.6	68.4
101	10.2	8.2	12.2
130	24.0	19.2	28.8

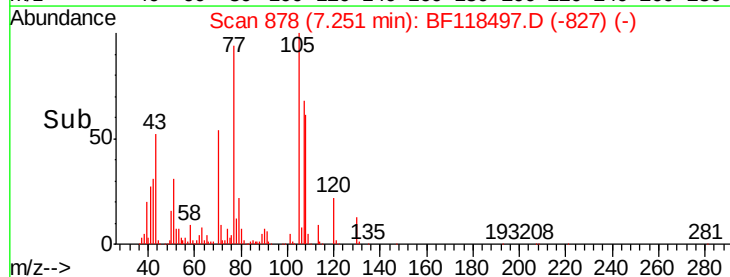
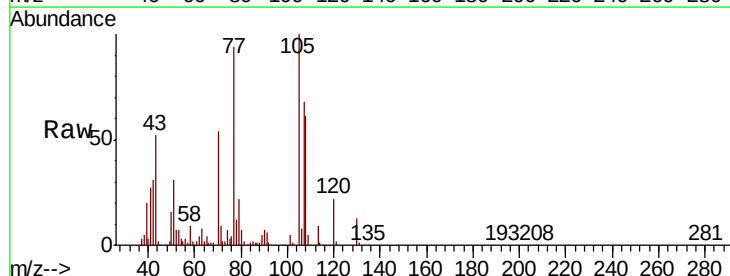
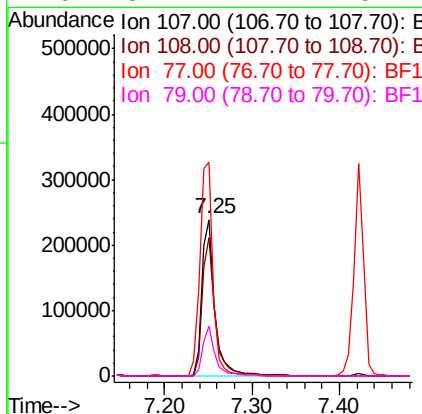
Manual Integrations
APPROVED

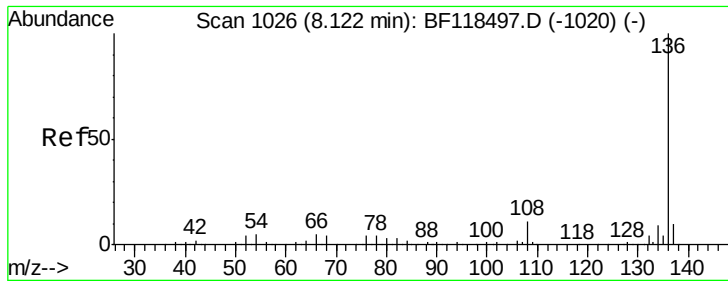
mohammad
1/9/2020 12:10:32 PM



#20
3+4-Methylphenols
Concen: 39.106 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.9	108.9
77	136.8	116.8	156.8
79	31.7	11.7	51.7





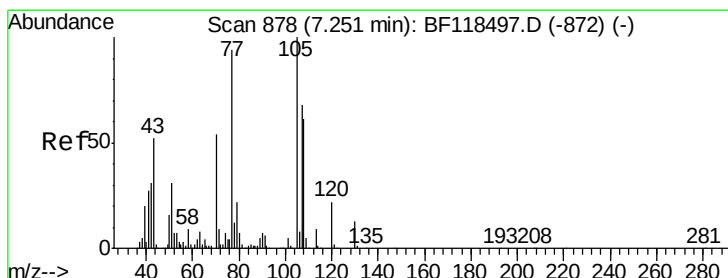
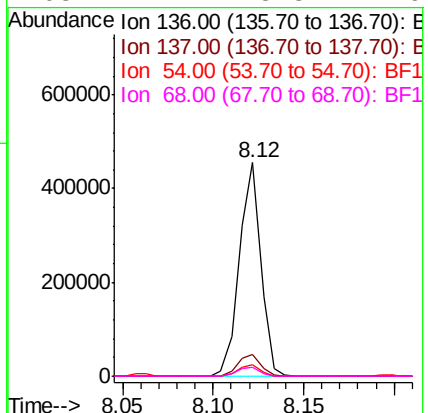
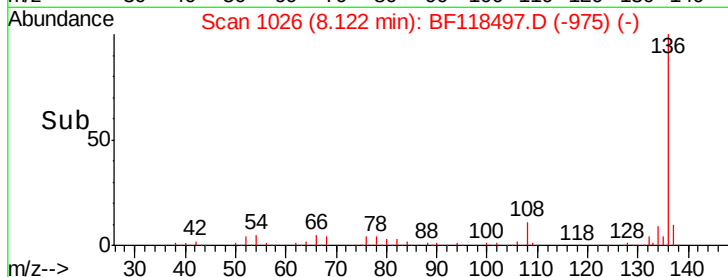
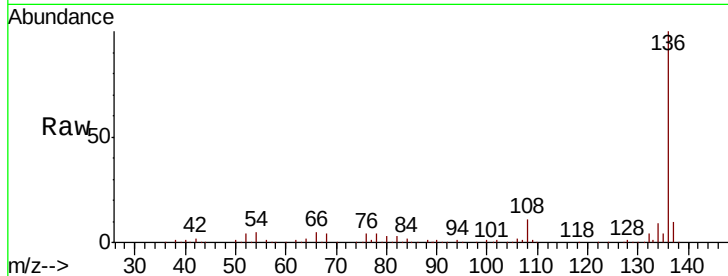
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	5.2	4.2	6.2
68	4.1	3.3	4.9

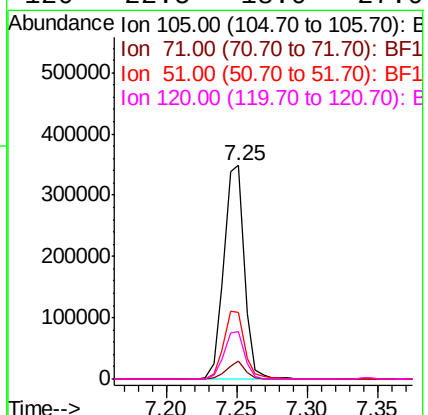
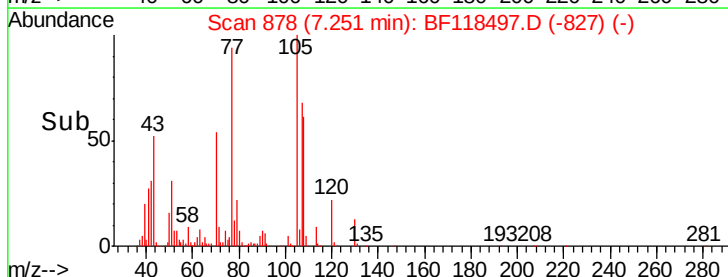
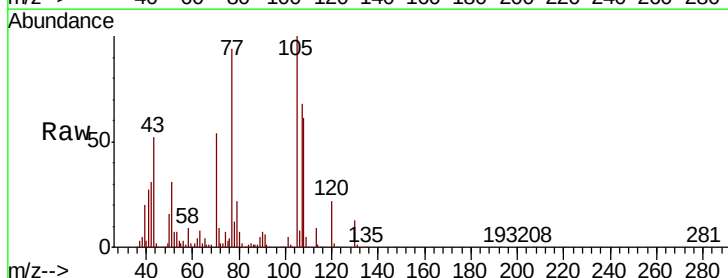
Manual Integrations
APPROVED

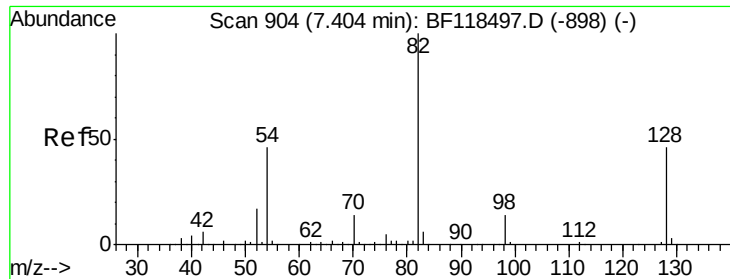
mohammad
1/9/2020 12:10:32 PM



#22
Acetophenone
Concen: 36.394 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.9	10.3
51	31.2	25.0	37.4
120	22.5	18.0	27.0





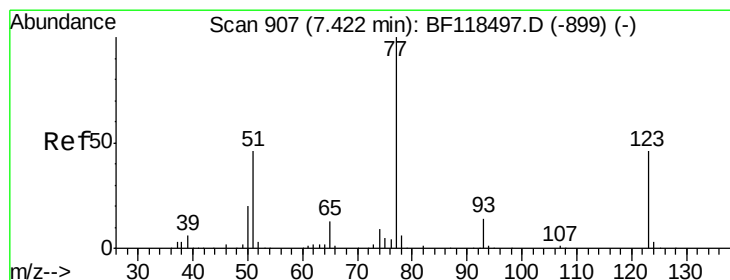
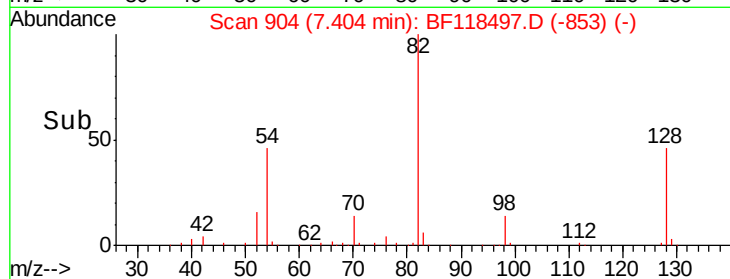
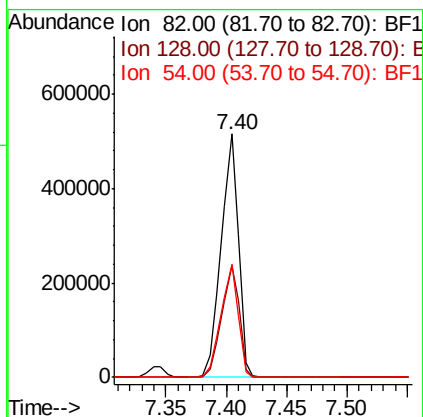
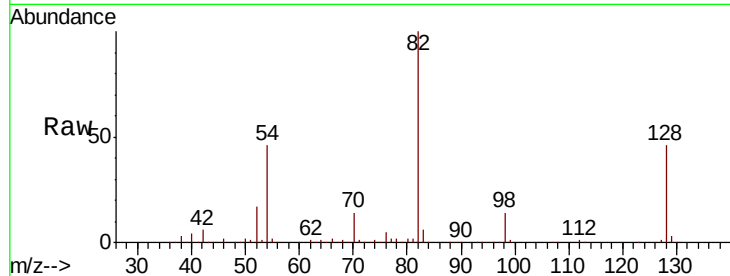
#23
Nitrobenzene-d5
Concen: 73.418 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.6	54.8
54	46.3	37.0	55.6

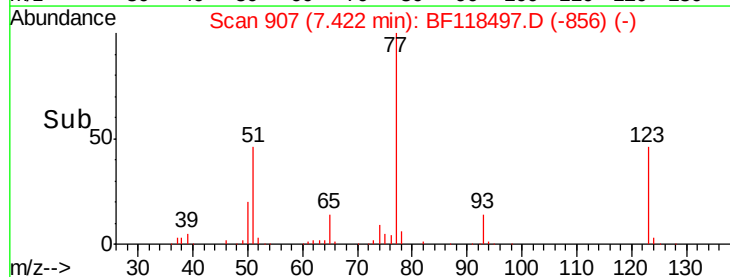
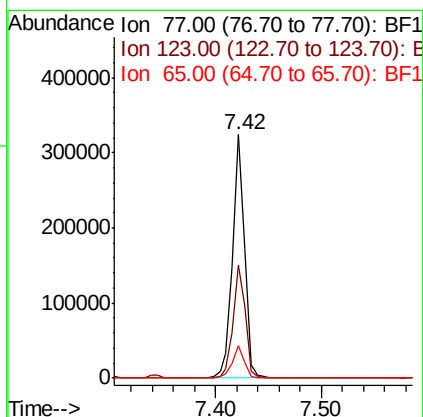
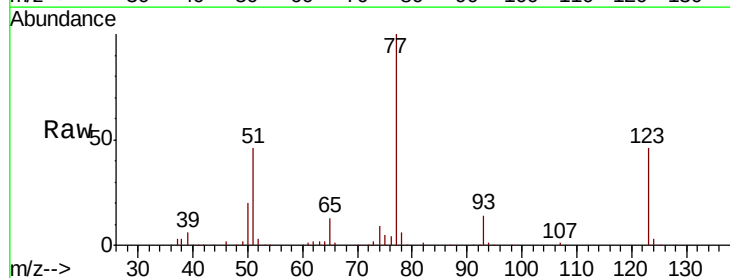
Manual Integrations
APPROVED

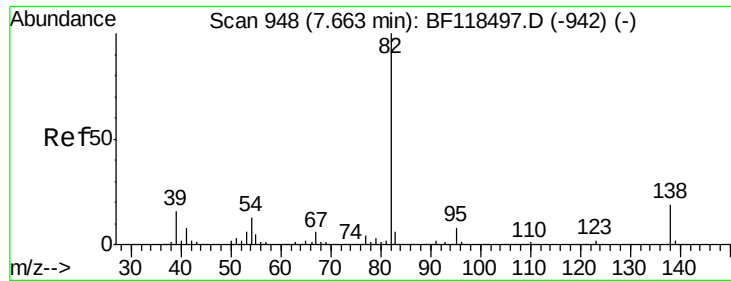
mohammad
1/9/2020 12:10:32 PM



#24
Nitrobenzene
Concen: 37.042 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.0	55.4
65	13.4	10.7	16.1





#25

Isophorone

Concen: 36.757 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

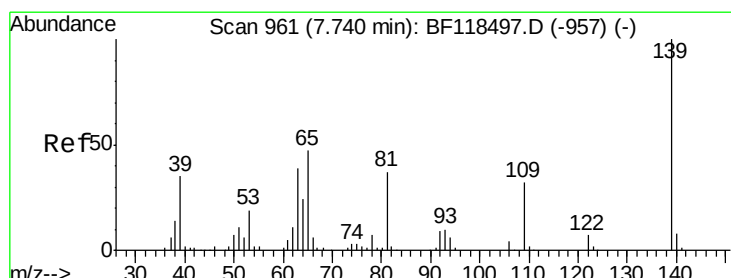
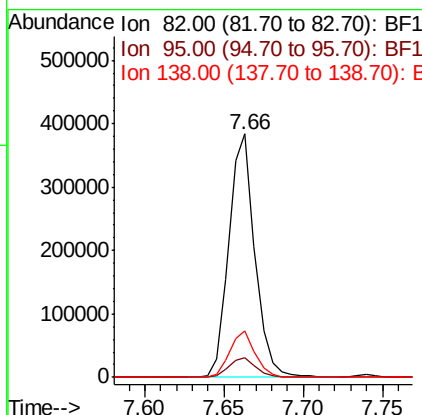
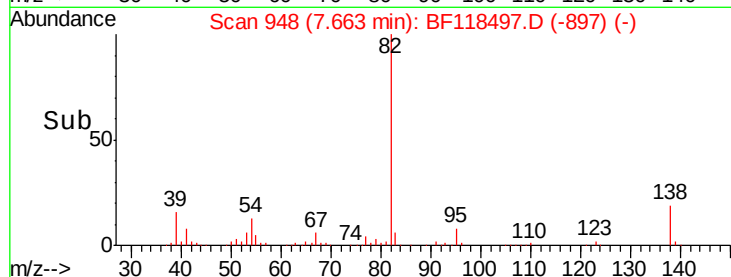
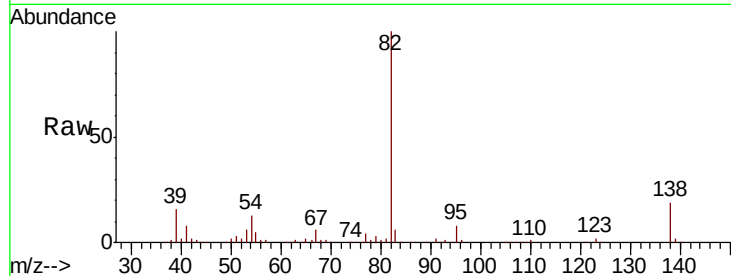
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	435507
Ion Ratio		Lower	Upper
82	100		
95	8.2	6.6	9.8
138	19.3	15.4	23.2

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:32 PM



#26

2-Nitrophenol

Concen: 34.887 ng

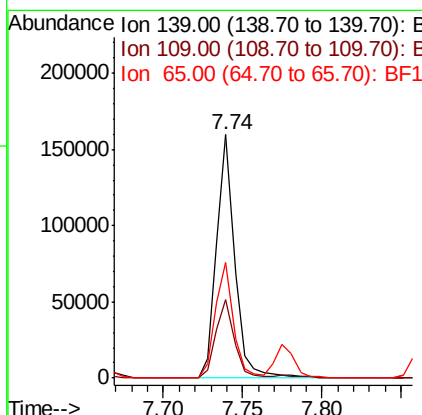
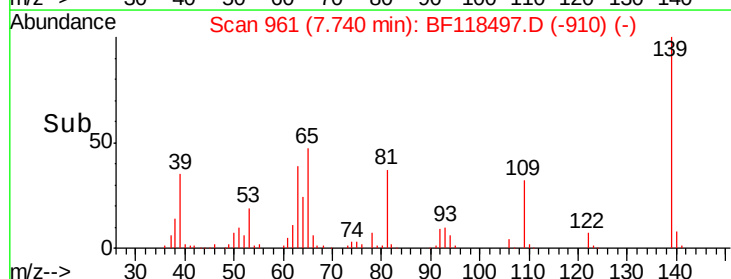
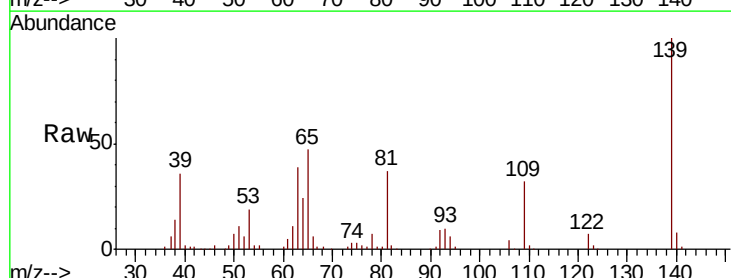
RT: 7.74 min Scan# 961

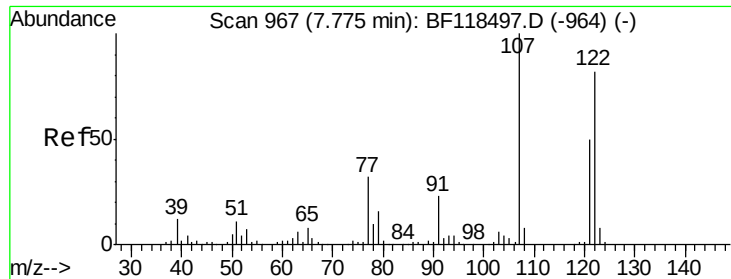
Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	139	Resp:	128147
Ion Ratio		Lower	Upper
139	100		
109	32.1	25.7	38.5
65	47.2	37.8	56.6





#27

2,4-Dimethylphenol

Concen: 35.480 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

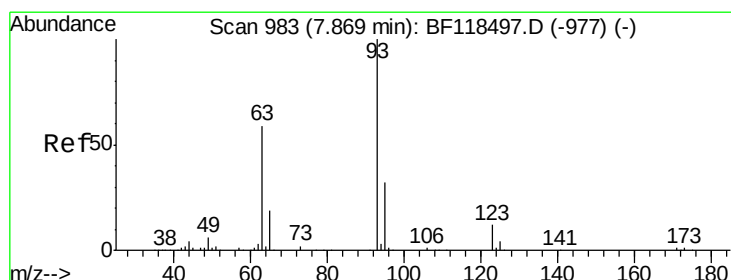
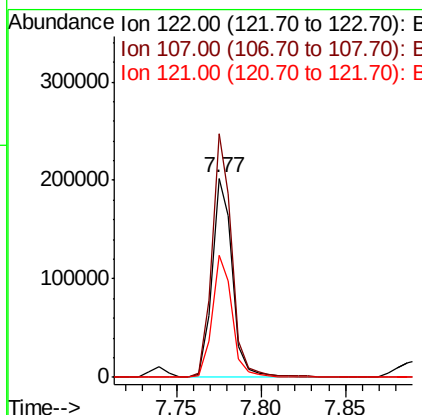
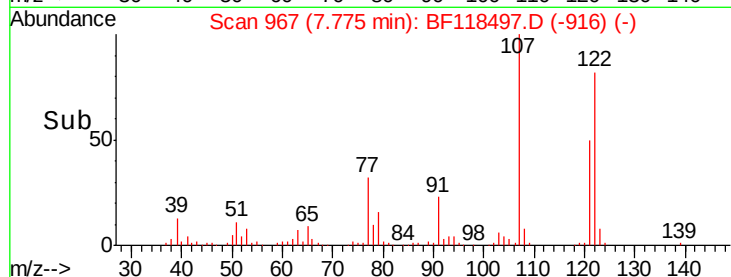
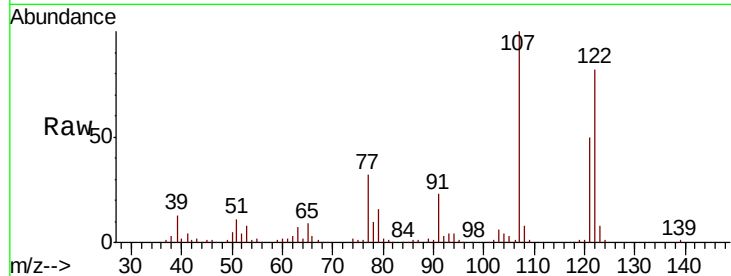
ClientSampleId :

SSTDICCC040

Tot Ion:	122	Resp:	170630
Ion Ratio	Lower	Upper	
122	100		
107	122.4	97.9	146.9
121	61.2	49.0	73.4

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#28

bis(2-Chloroethoxy)methane

Concen: 38.818 ng

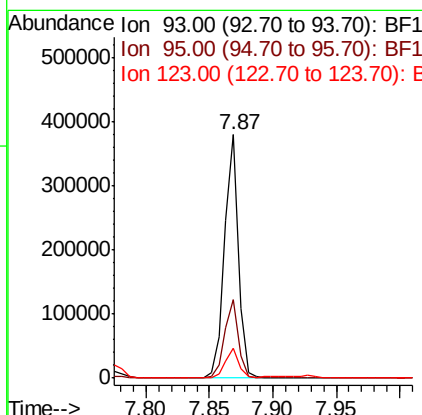
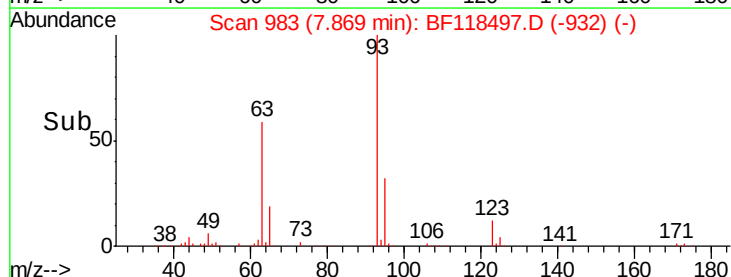
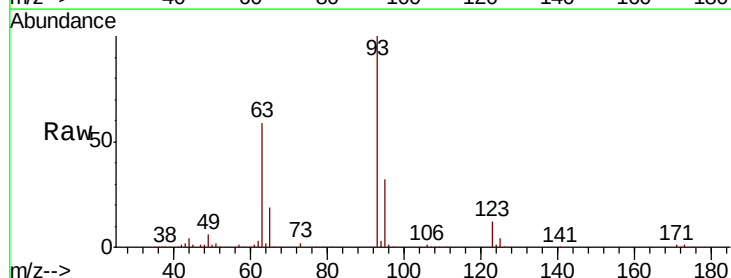
RT: 7.87 min Scan# 983

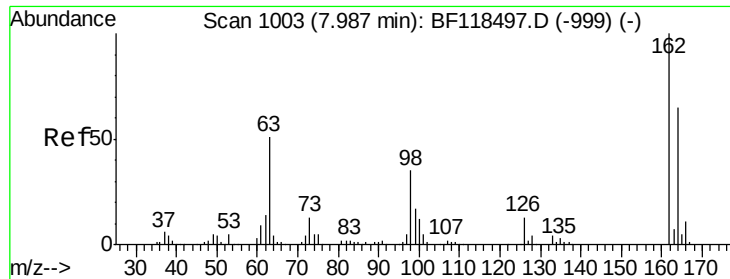
Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	93	Resp:	290981
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.9	38.9
123	12.1	9.7	14.5





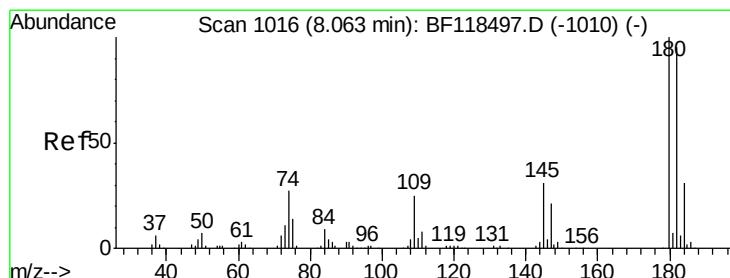
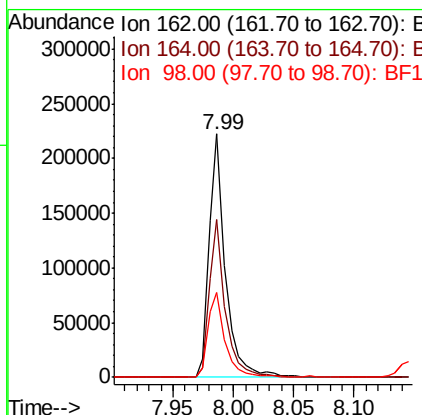
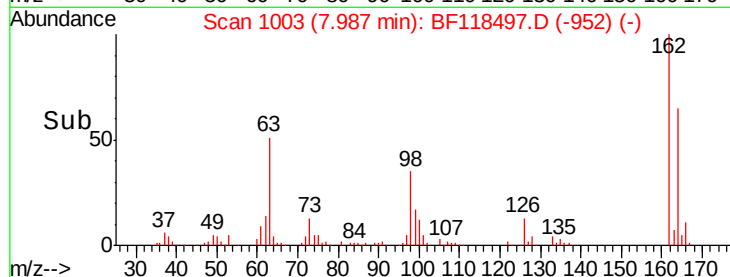
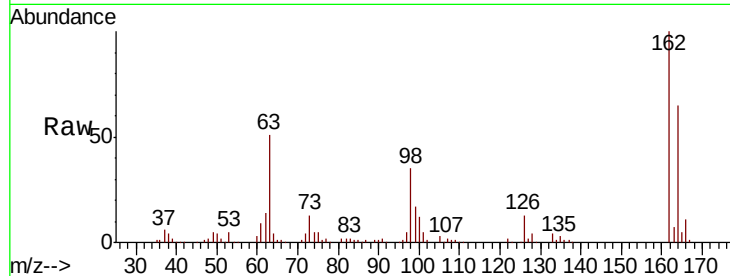
#29
 2,4-Dichlorophenol
 Concen: 36.314 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	44.8	84.8
98	35.1	15.1	55.1

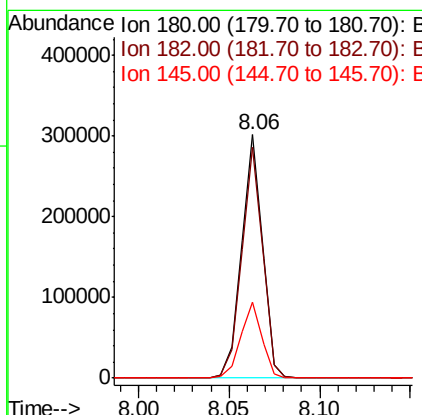
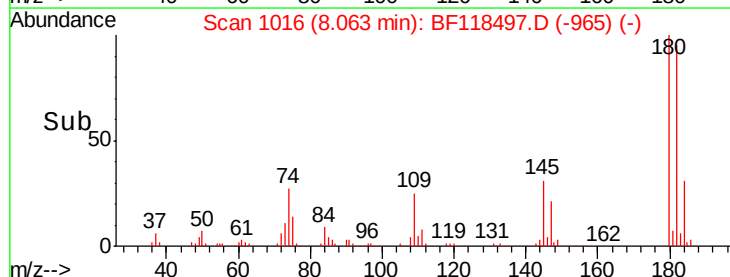
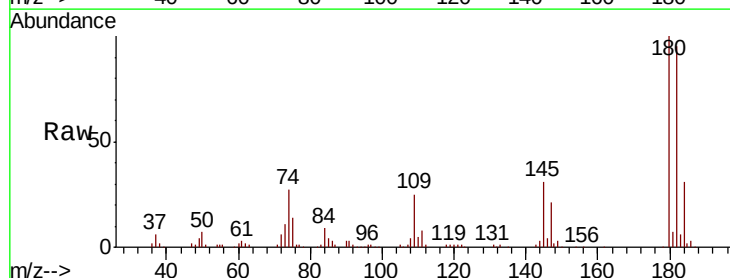
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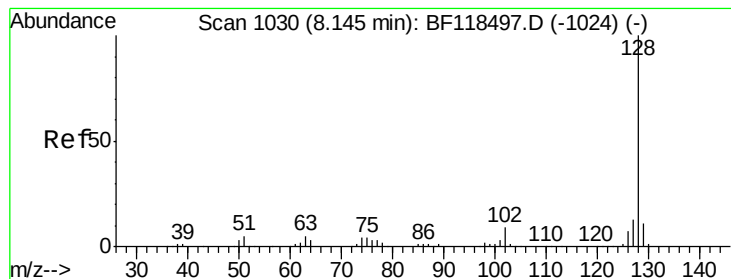
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.842 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	75.8	113.6
145	31.3	25.0	37.6





#31

Naphthalene

Concen: 37.551 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

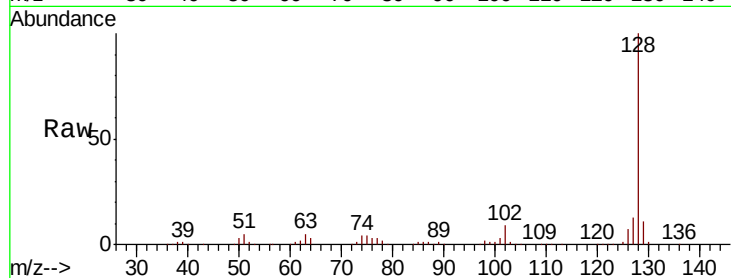
ClientSampleId :

SSTDICCC040

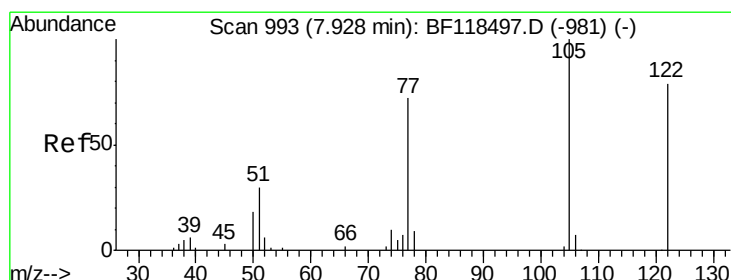
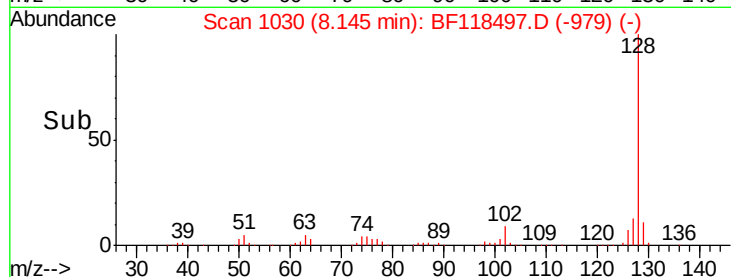
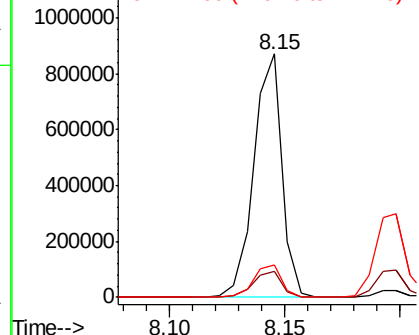
Tot Ion:	128	Resp:	743406
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	13.4	10.7	16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.206 ng m

RT: 7.93 min Scan# 993

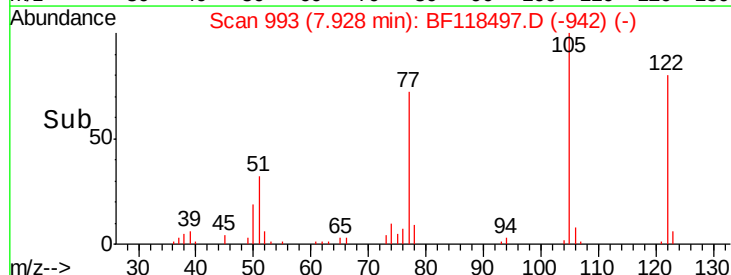
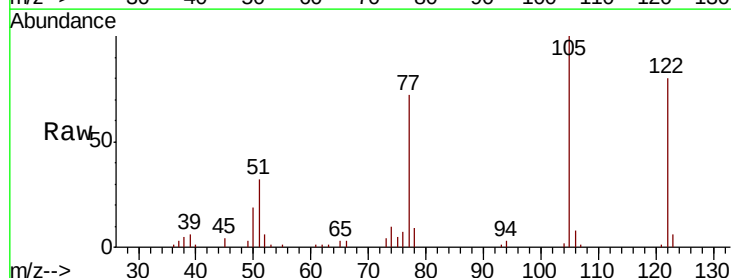
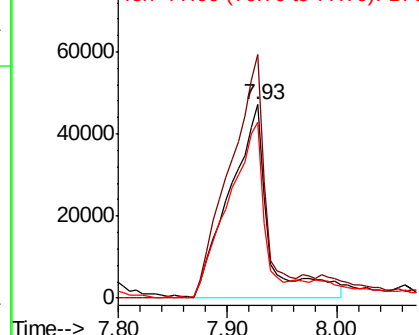
Delta R.T. 0.00 min

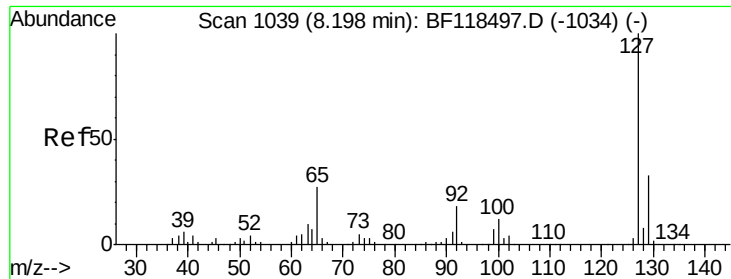
Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	122	Resp:	117987
Ion Ratio	Lower	Upper	
122	100		
105	125.7	105.7	145.7
77	91.0	71.0	111.0

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





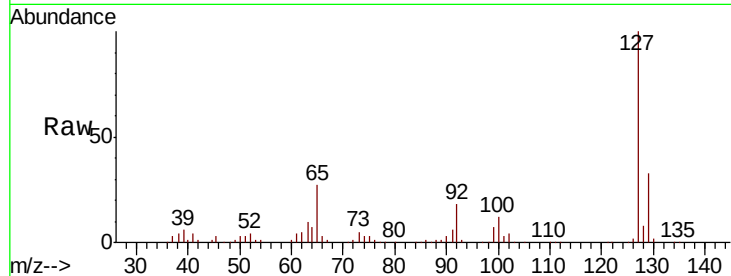
#33
4-Chloroaniline
Concen: 34.664 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

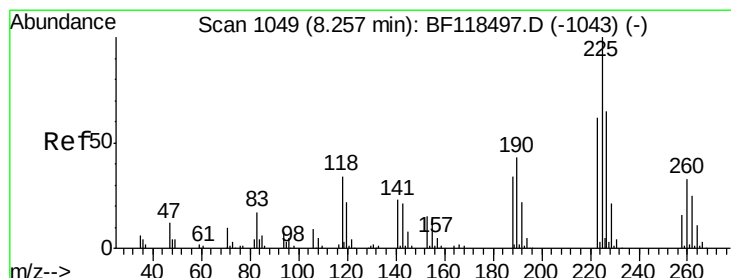
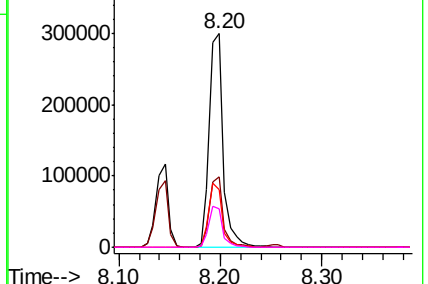
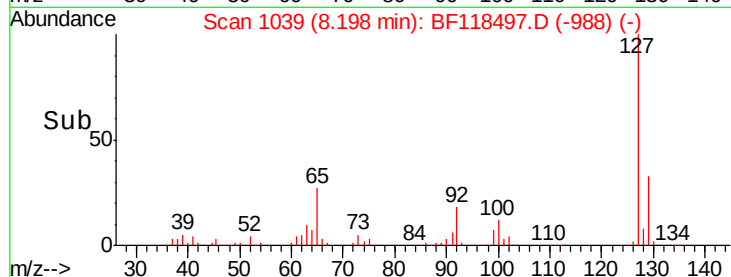
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		287775		
129	32.8	26.2	39.4		
65	27.0	21.6	32.4		
92	17.9	14.3	21.5		

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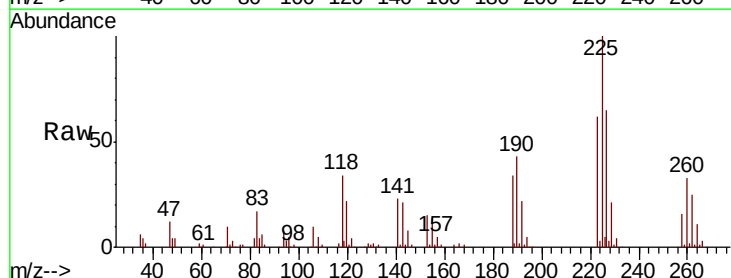


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

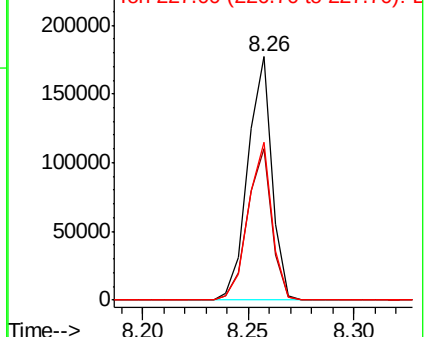
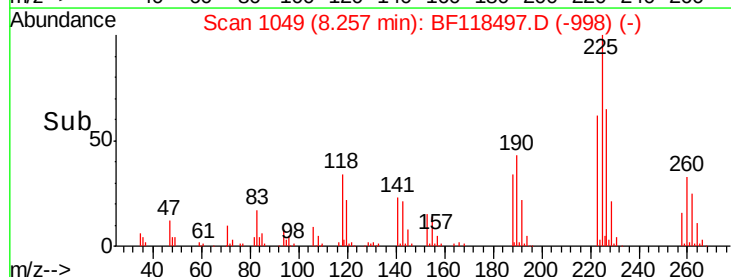


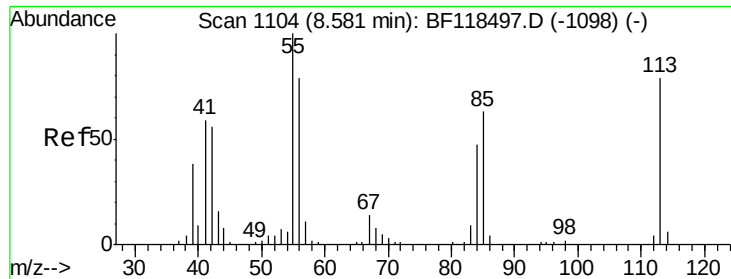
#34
Hexachlorobutadiene
Concen: 35.090 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		140480		
223	62.4	49.9	74.9		
227	64.7	51.8	77.6		



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





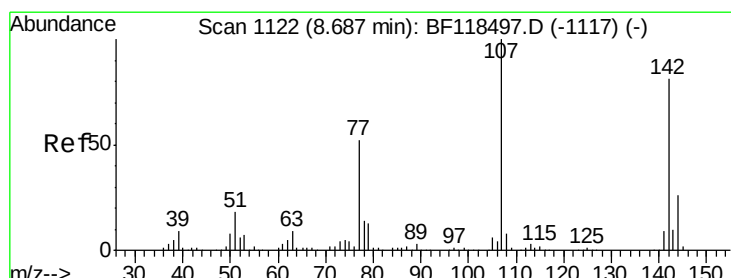
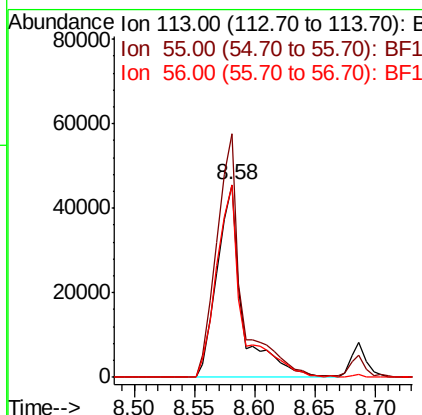
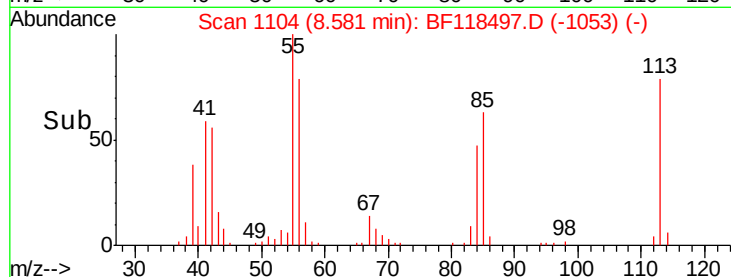
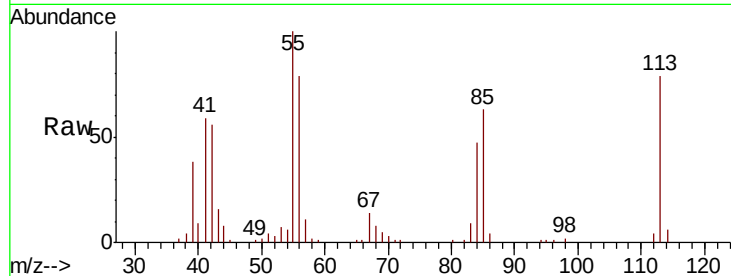
#35
Caprolactam
Concen: 37.002 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.5	106.5	146.5
56	100.1	80.1	120.1

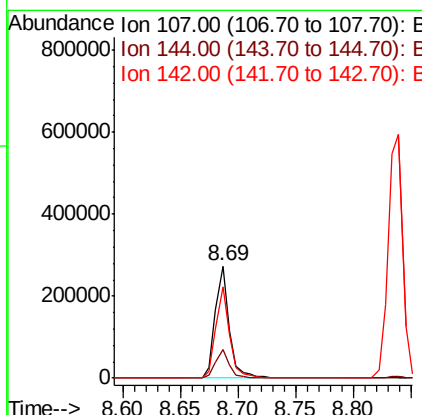
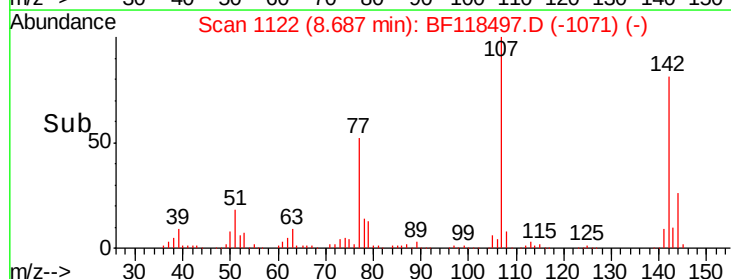
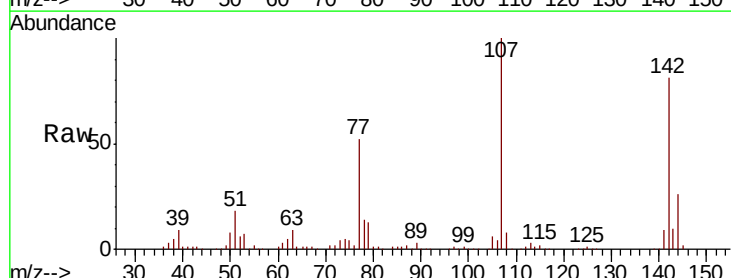
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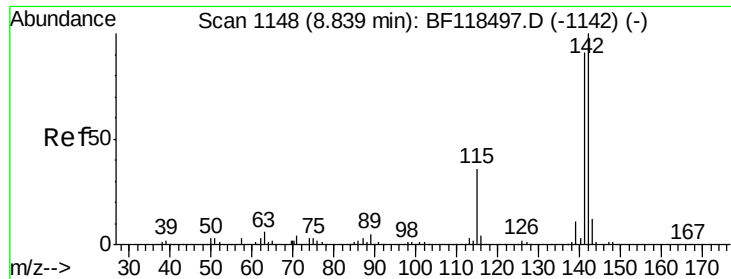
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#36
4-Chloro-3-methylphenol
Concen: 38.808 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.6	31.0
142	81.2	65.0	97.4





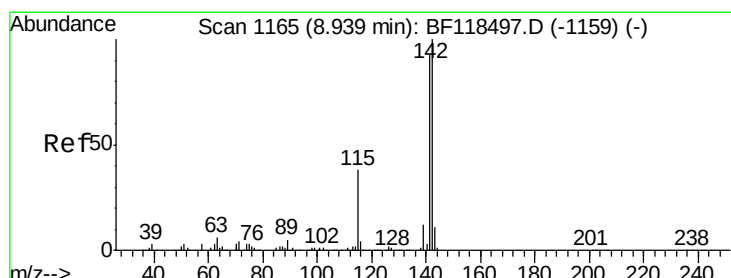
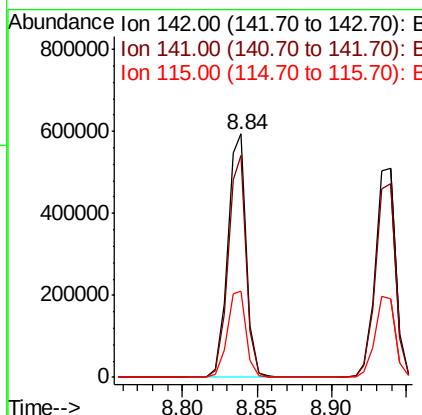
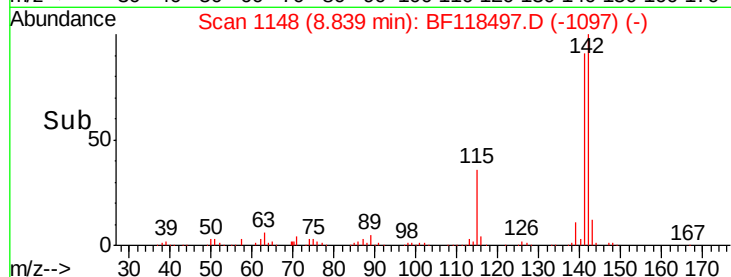
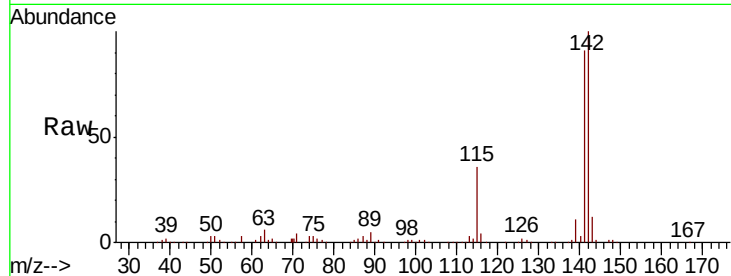
#37
2-Methylnaphthalene
Concen: 38.715 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
115	35.5	28.4	42.6

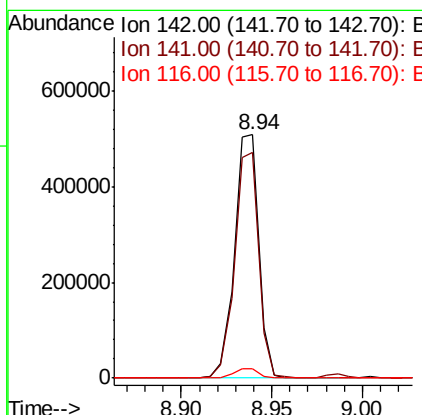
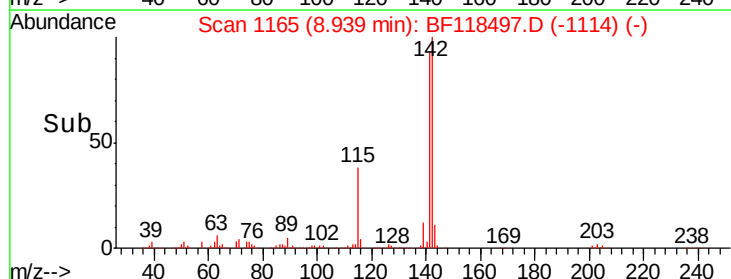
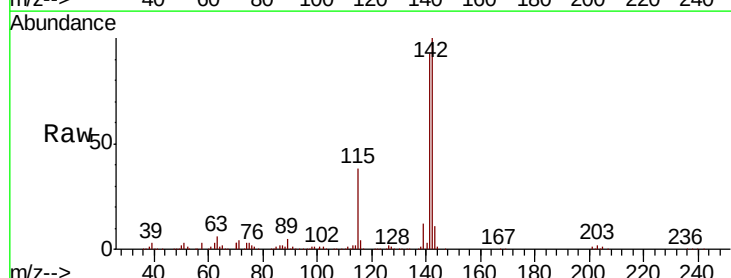
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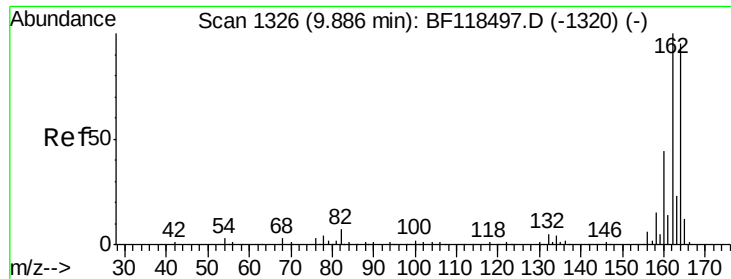
mohammad
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#38
1-Methylnaphthalene
Concen: 36.623 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.3	111.5
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

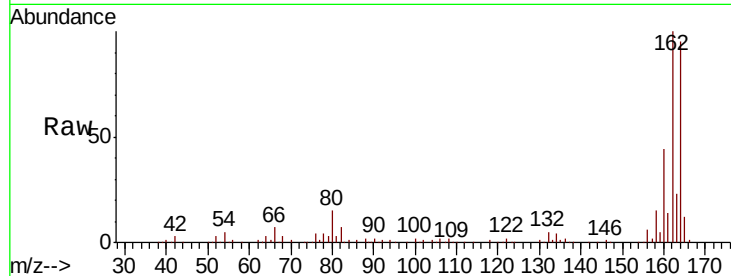
ClientSampleId :

SSTDICCC040

Tot Ion:	164	Resp:	205461
Ion Ratio	Lower	Upper	
164	100		
162	105.3	84.2	126.4
160	46.0	36.8	55.2

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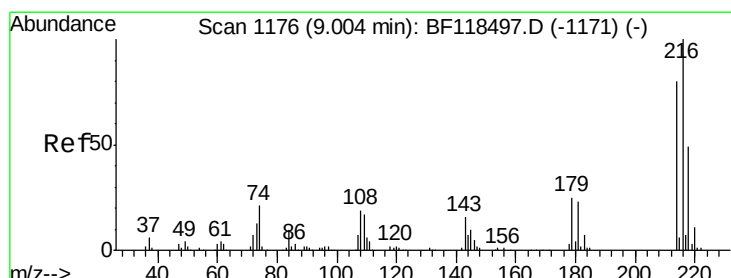
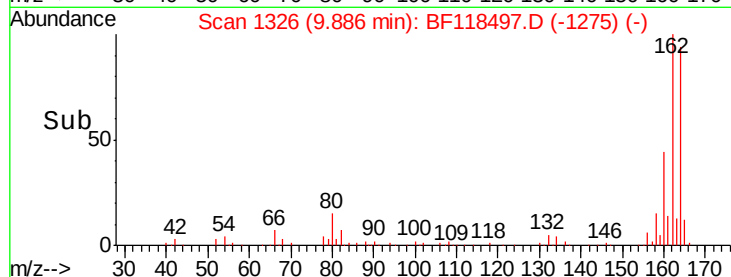
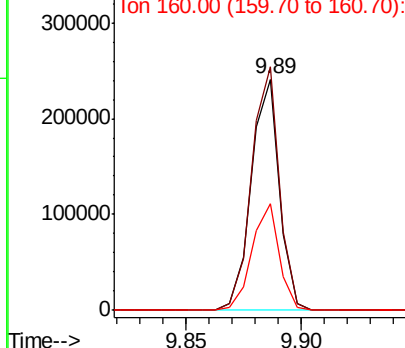


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.191 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	216	Resp:	237383
Ion Ratio	Lower	Upper	
216	100		
214	78.0	62.4	93.6
179	23.4	18.7	28.1
108	19.1	15.3	22.9

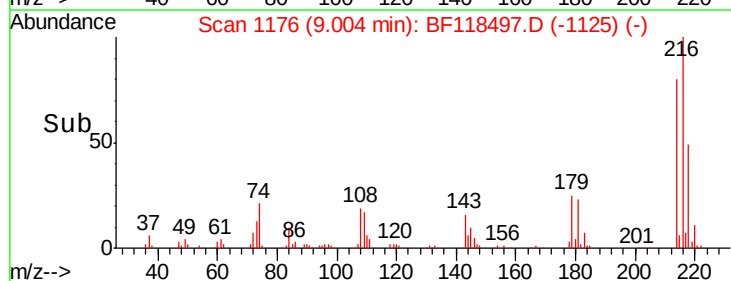
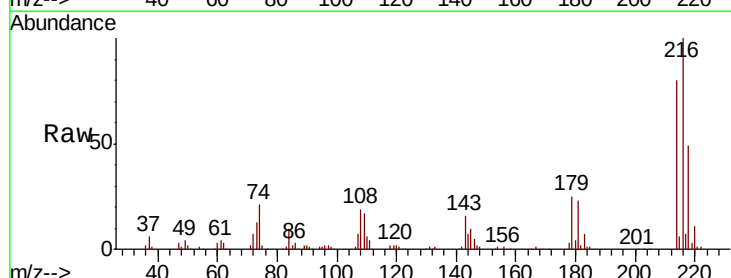
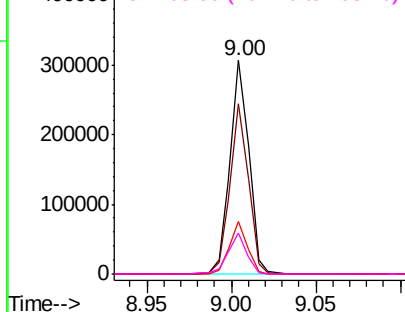
Abundance

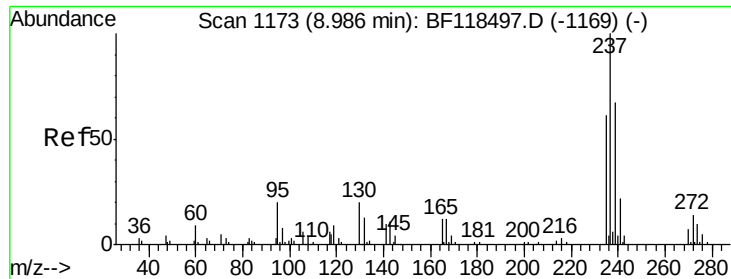
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





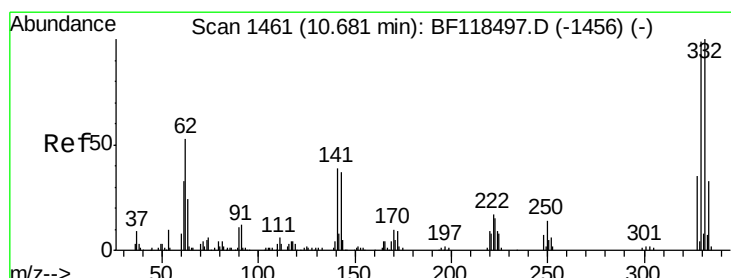
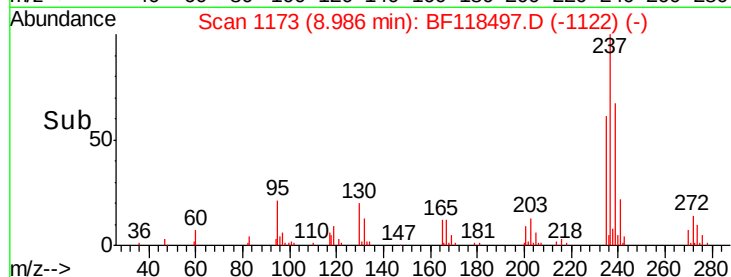
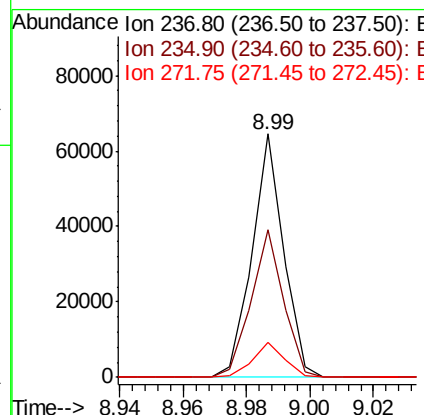
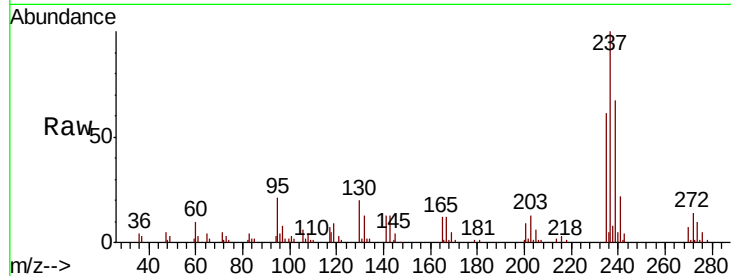
#41
Hexachlorocyclopentadiene
Concen: 39.568 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100	44518		
235	60.8		40.8	80.8
272	14.2		0.0	34.2

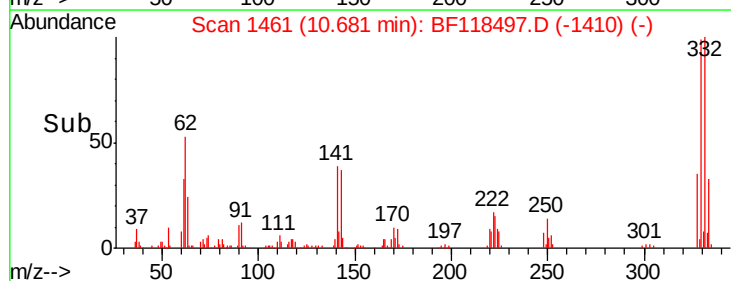
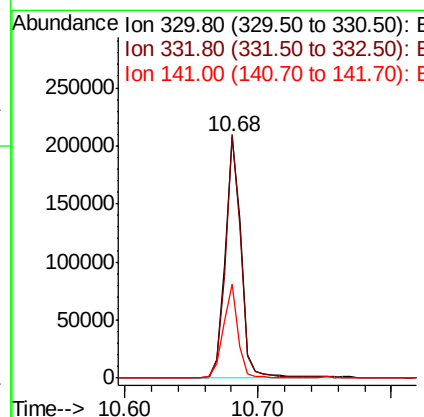
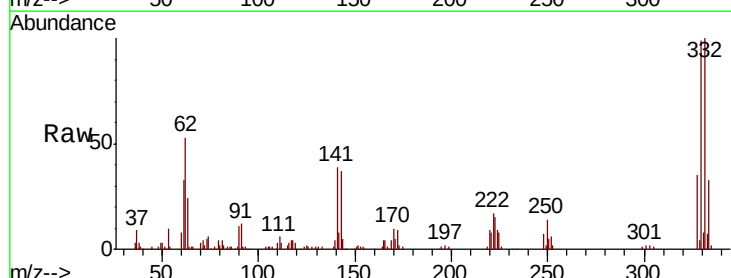
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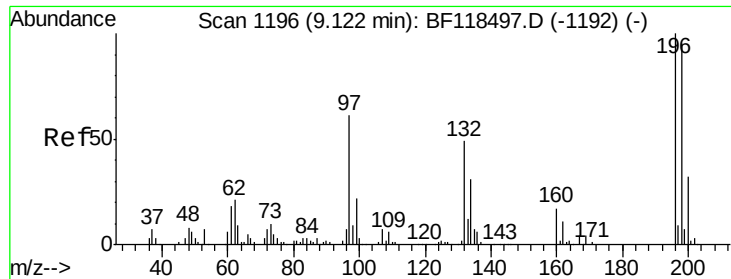
mohammad
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#42
2,4,6-Tribromophenol
Concen: 70.669 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	176827		
332	97.4		77.9	116.9
141	35.8		28.6	43.0





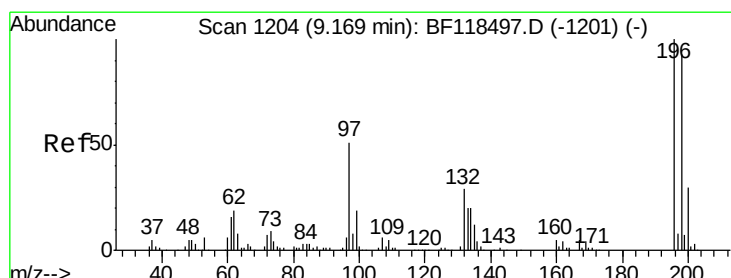
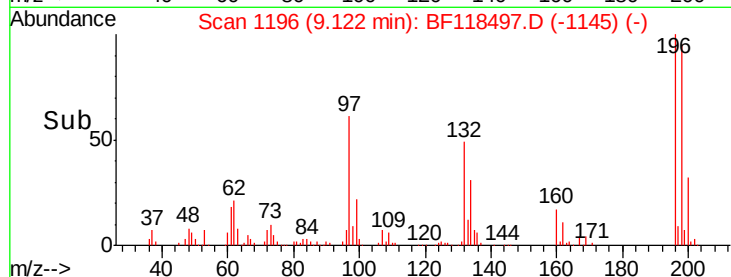
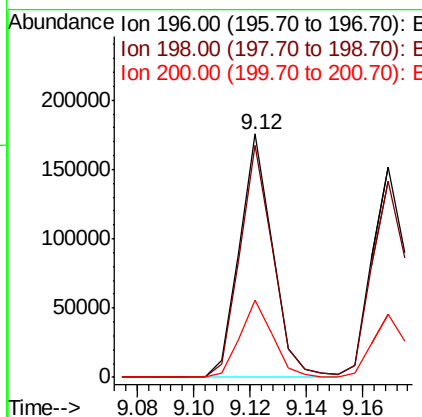
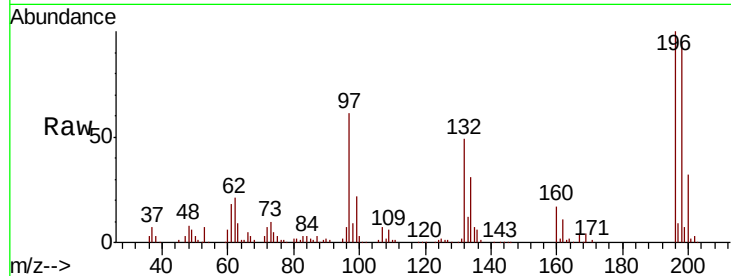
#43
 2,4,6-Trichlorophenol
 Concen: 36.037 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143057		
198	95.3	76.2	114.4	
200	31.5	25.2	37.8	

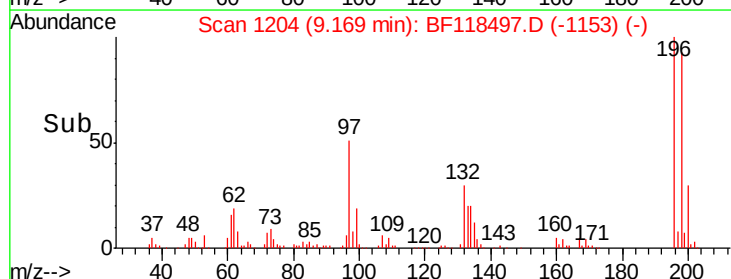
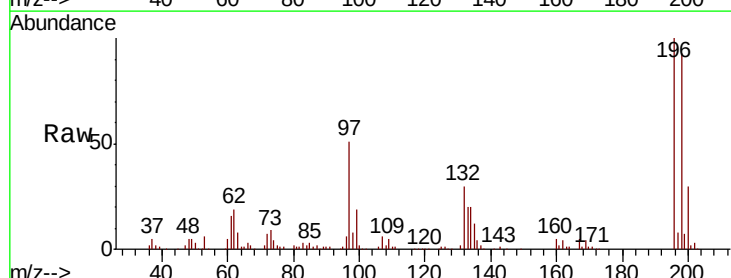
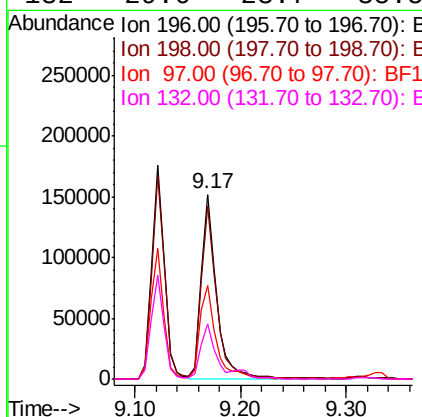
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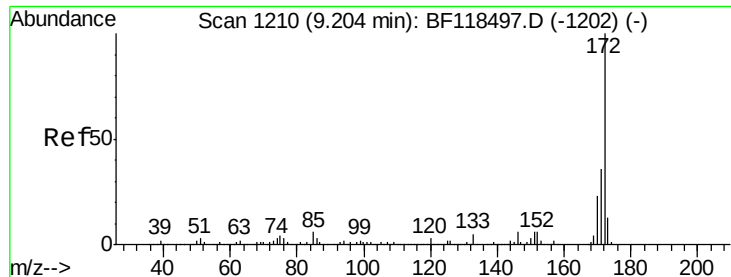
mohammad
 1/9/2020 12:10:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.495 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151519		
198	93.4	74.7	112.1	
97	50.9	40.7	61.1	
132	29.6	23.7	35.5	





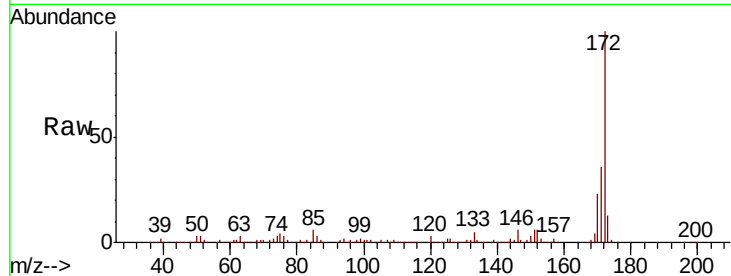
#45
2-Fluorobiphenyl
Concen: 76.982 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.2	18.6	27.8

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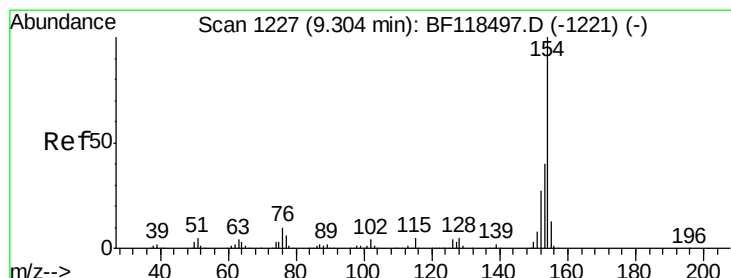
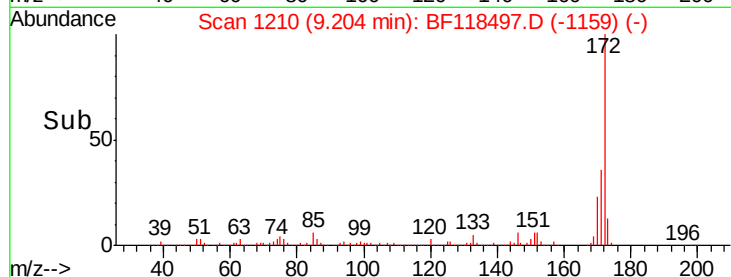
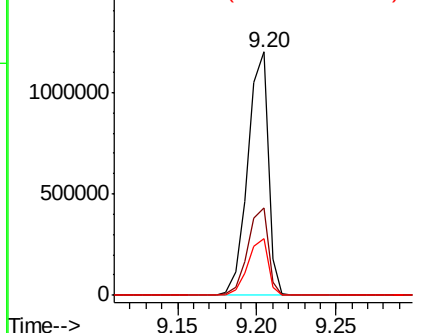


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.879 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

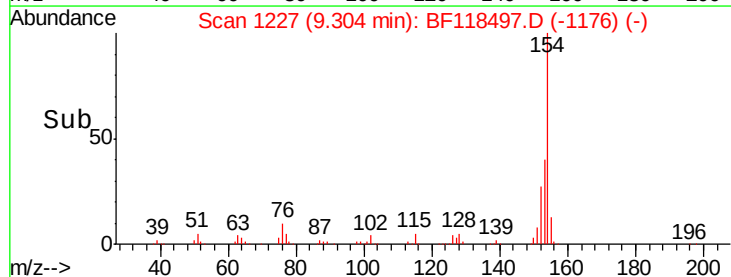
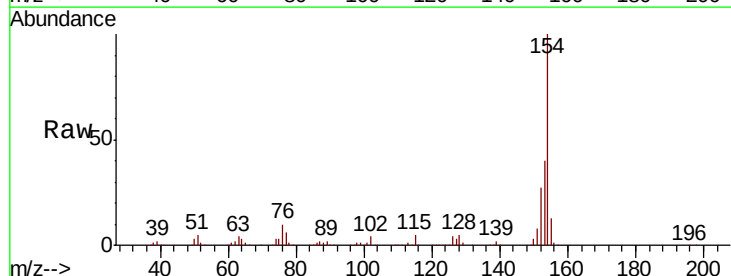
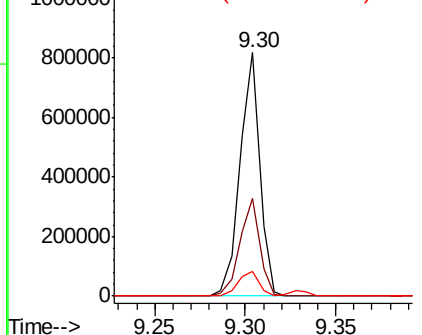
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	10.4	0.0	30.4

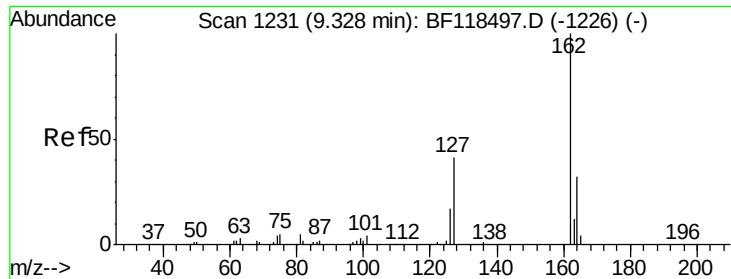
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





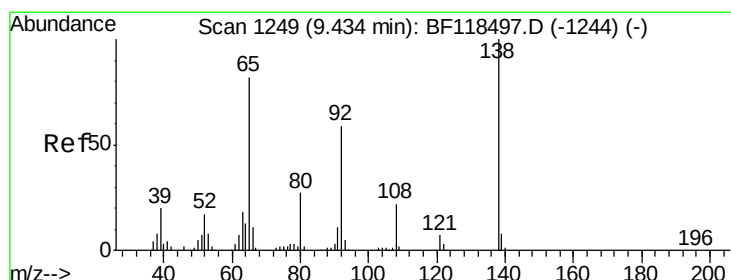
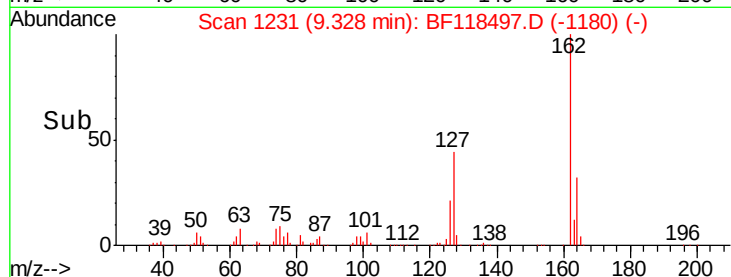
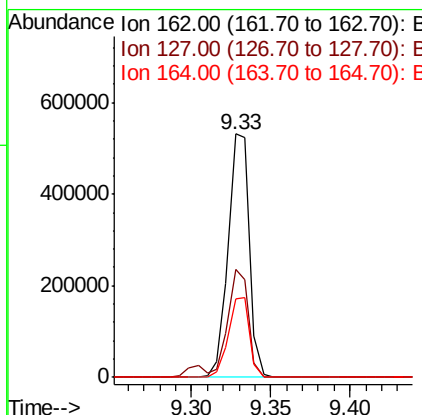
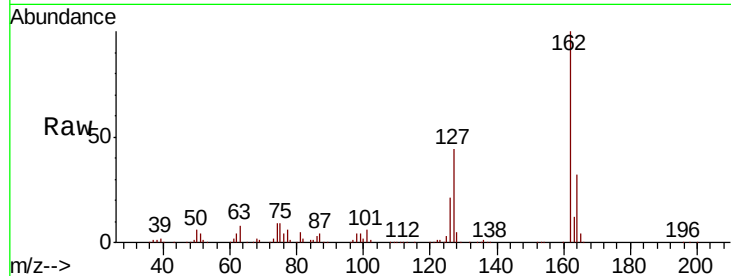
#47
 2-Chloronaphthalene
 Concen: 37.379 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	44.4	35.5	53.3		
164	32.3	25.8	38.8		

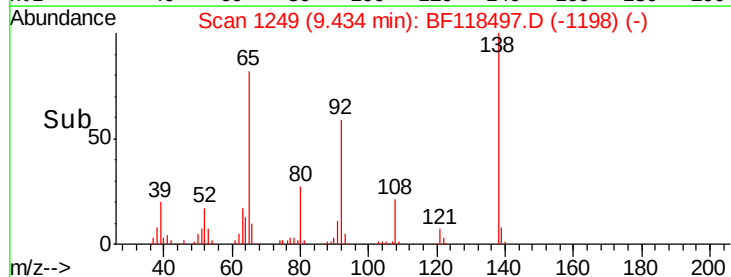
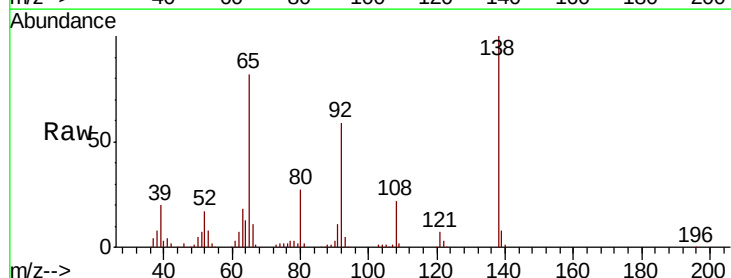
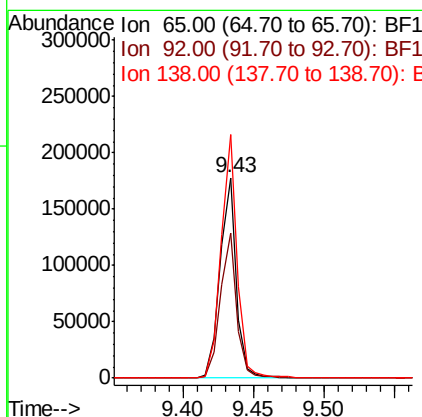
Manual Integrations
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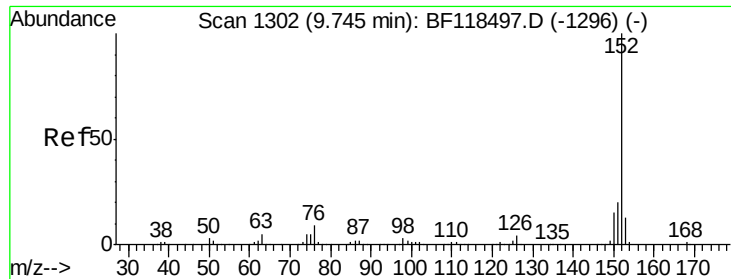
mohammad
 1/9/2020 12:10:32 PM



#48
 2-Nitroaniline
 Concen: 37.569 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	72.1	57.7	86.5		
138	121.5	97.2	145.8		





#49

Acenaphthylene

Concen: 38.784 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

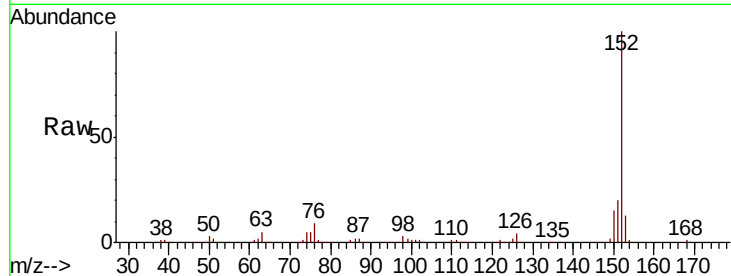
ClientSampleId :

SSTDICCC040

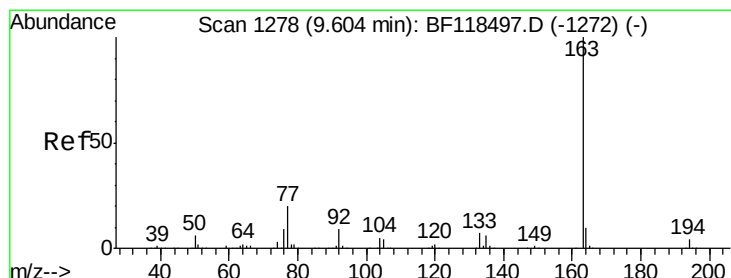
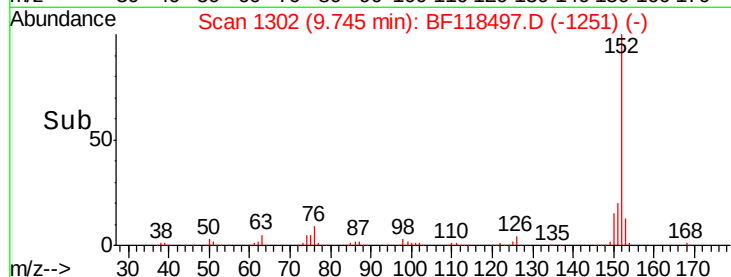
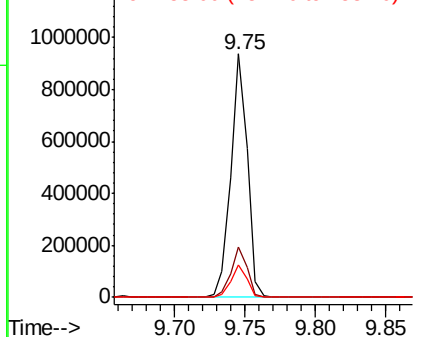
Tot Ion:	152	Resp:	760086
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.3	10.6	16.0

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



#50

Dimethylphthalate

Concen: 37.880 ng

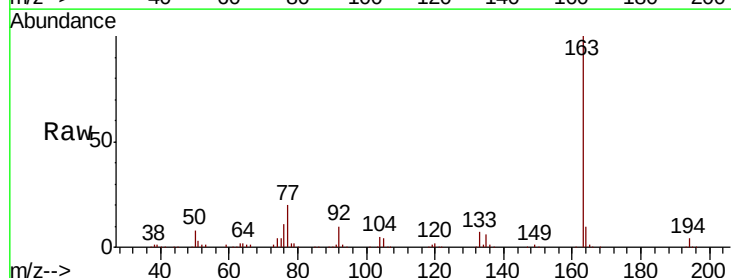
RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

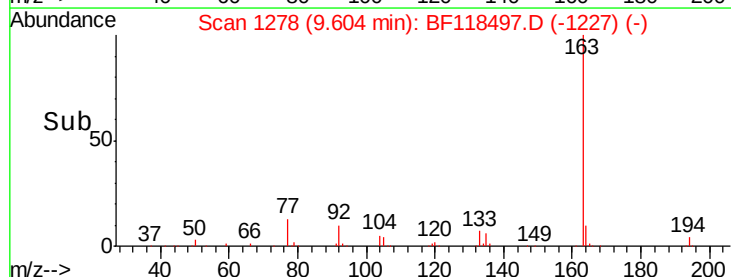
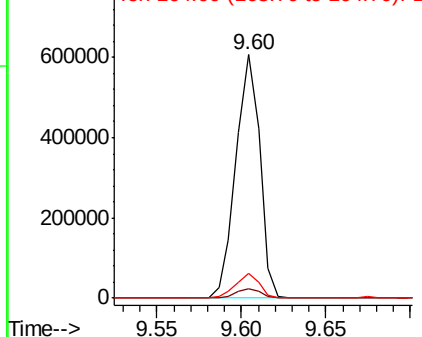
Lab File: BF118497.D

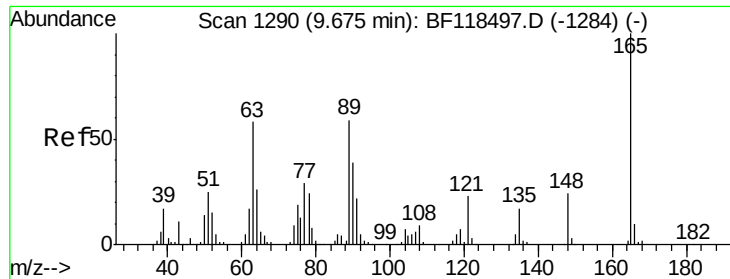
Acq: 8 Jan 2020 12:45

Tgt Ion:	163	Resp:	599148
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.1	8.1	12.1



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: 39.257 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

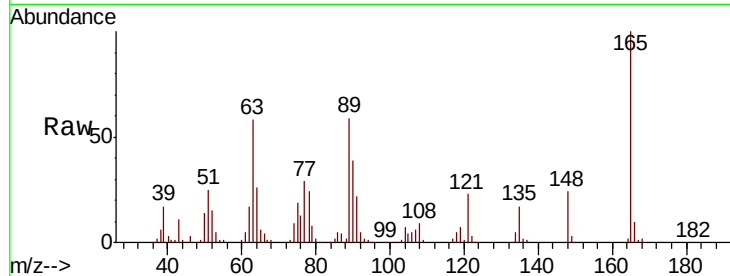
ClientSampleId :

SSTDICCC040

Tot Ion:	165	Resp:	127251
Ion Ratio	Lower	Upper	
165	100		
63	58.3	46.6	70.0
89	59.4	47.5	71.3

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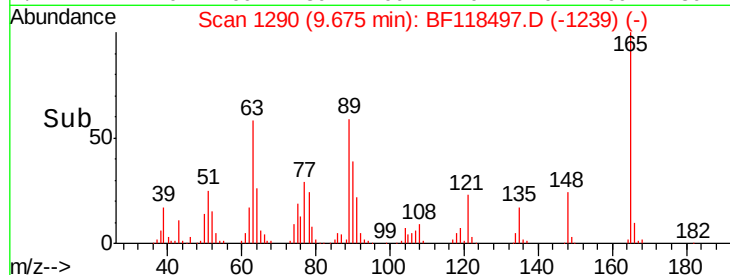


Abundance Ion 165.00 (164.70 to 165.70): E

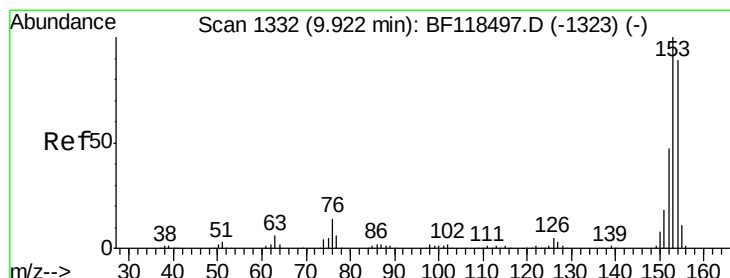
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 36.715 ng

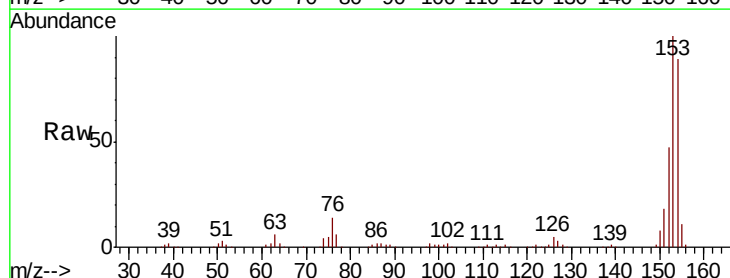
RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	154	Resp:	453072
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.7	134.5
152	52.4	41.9	62.9

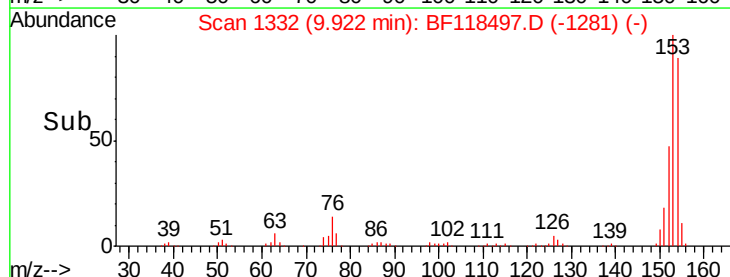


Abundance Ion 154.00 (153.70 to 154.70): E

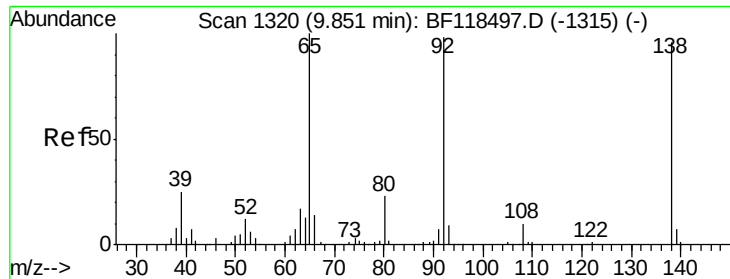
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



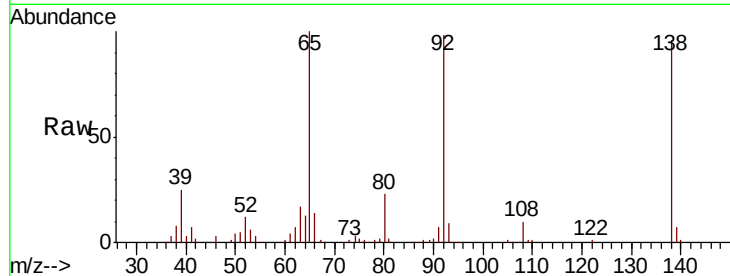
#53
3-Nitroaniline
Concen: 36.397 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	102.0	81.6	122.4

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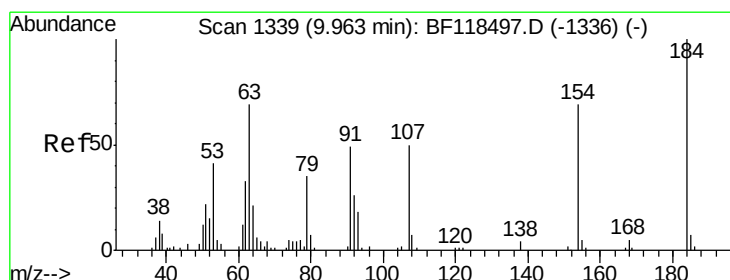
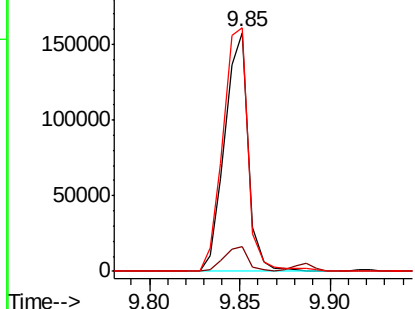
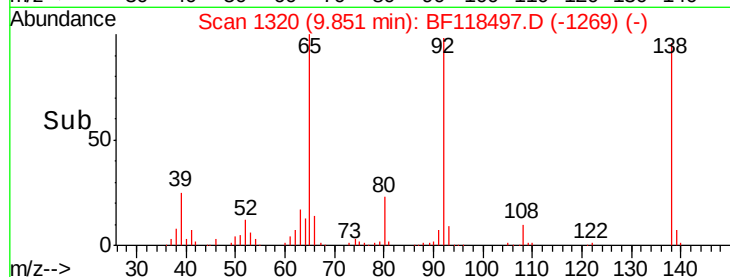


Abundance

Ion 138.00 (137.70 to 138.70): E

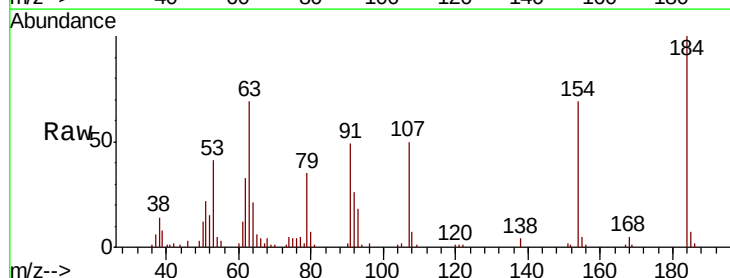
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.750 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.1	55.3	82.9
154	68.7	55.0	82.4

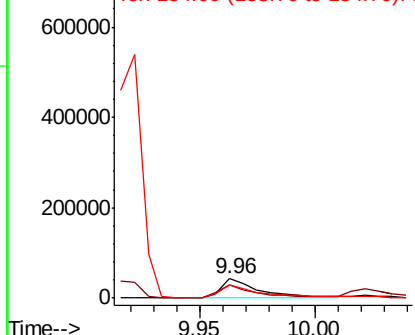
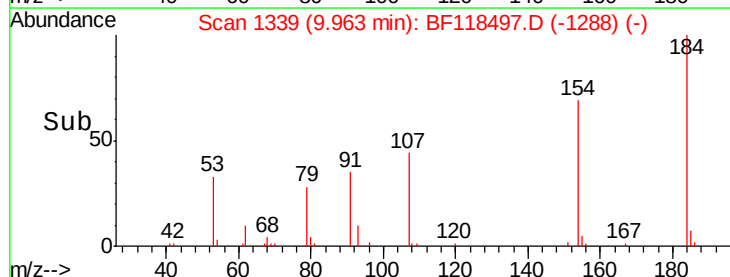


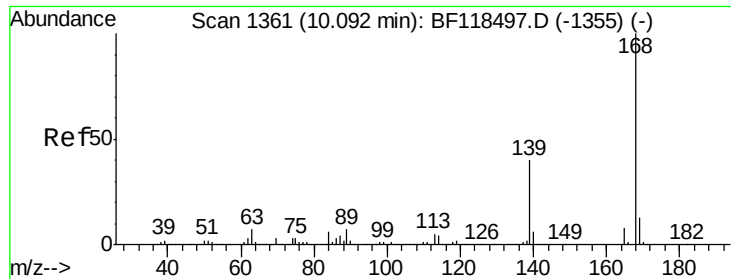
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





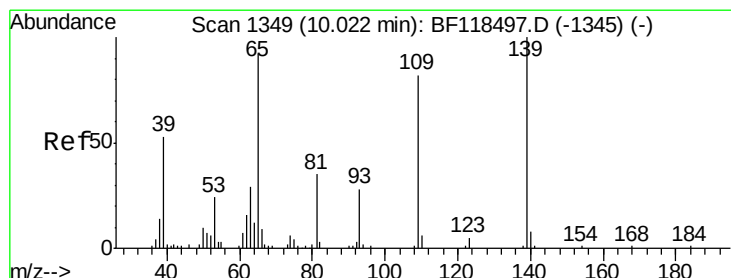
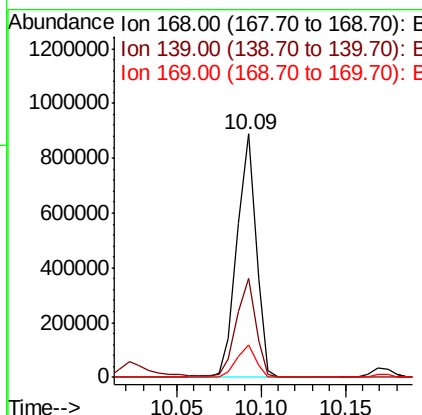
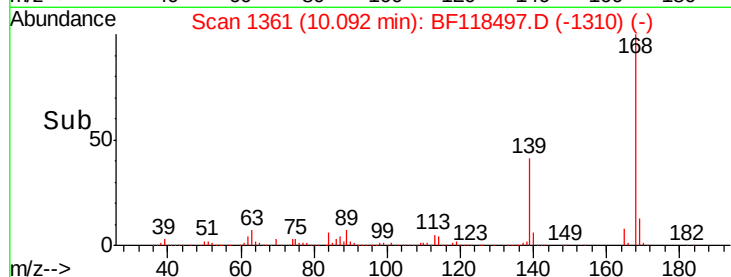
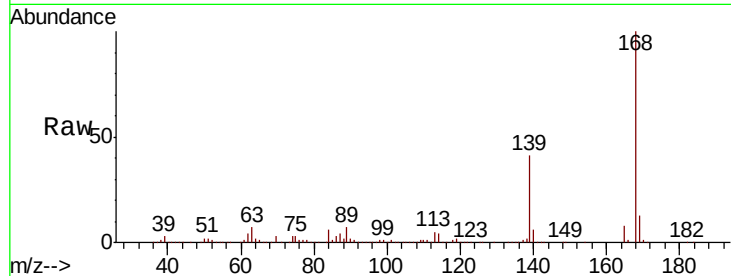
#55
Dibenzofuran
Concen: 40.403 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.5	48.7
169	13.3	10.6	16.0

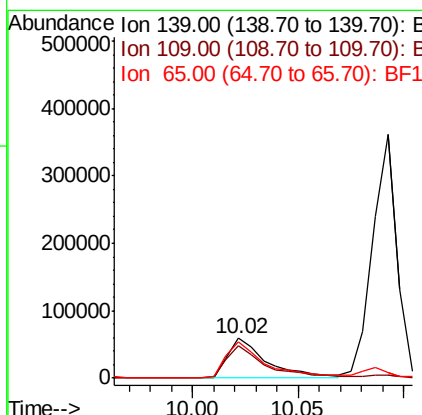
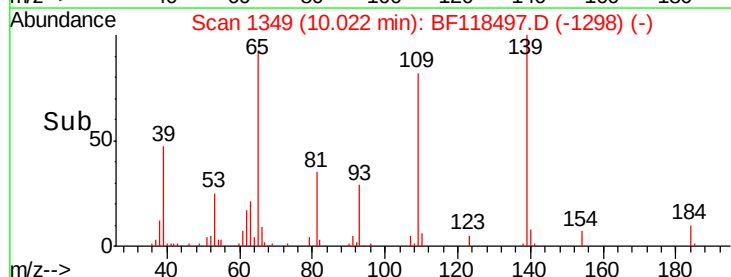
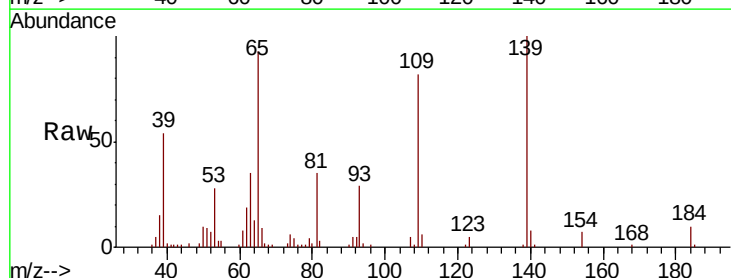
Manual Integrations
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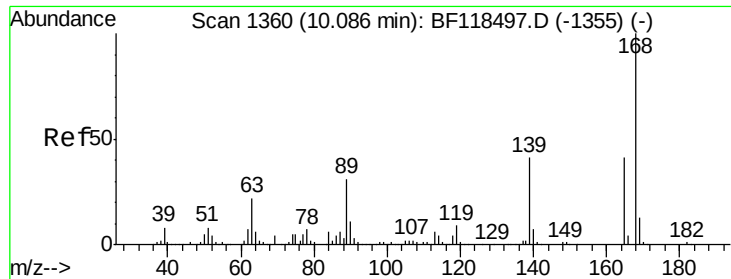
mohammad
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#56
4-Nitrophenol
Concen: 39.620 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.2	62.2	102.2
65	92.8	72.8	112.8





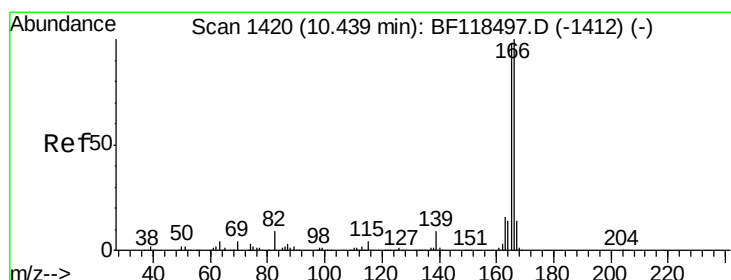
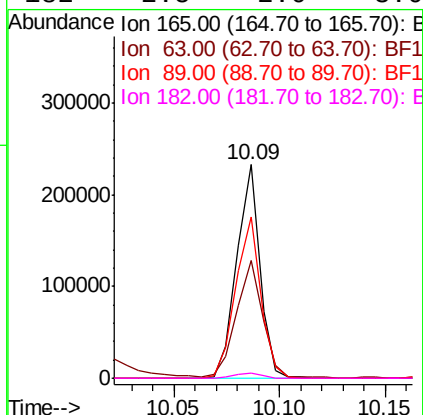
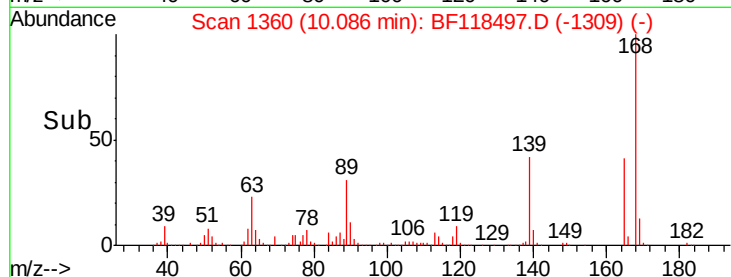
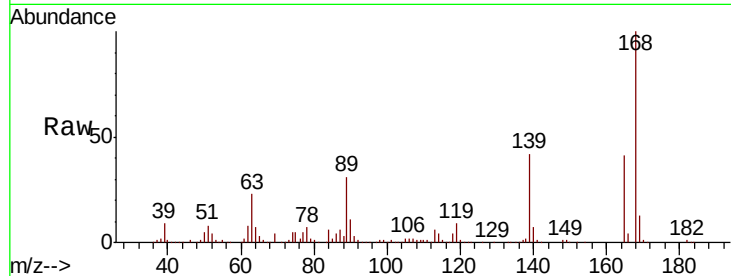
#57
2,4-Dinitrotoluene
Concen: 39.398 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175705		
63	55.1	44.1	66.1	
89	75.5	60.4	90.6	
182	2.5	2.0	3.0	

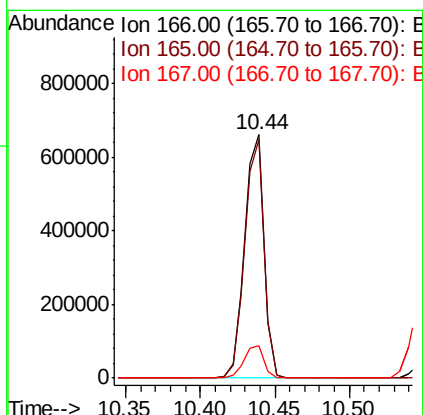
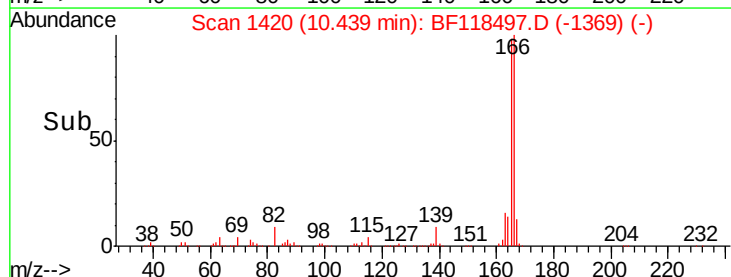
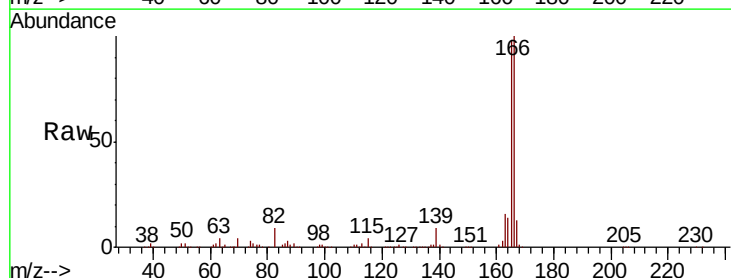
Manual Integrations
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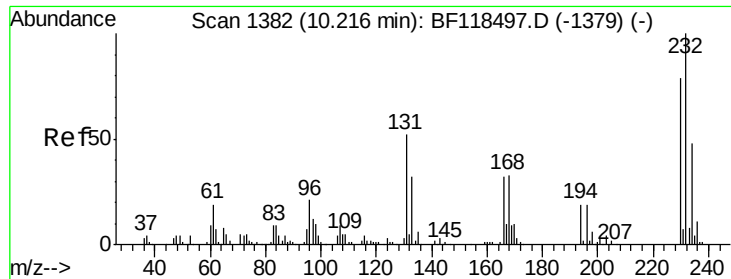
mohammad
1/9/2020 12:10:32 PM



#58
Fluorene
Concen: 41.439 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	593655		
165	98.2	78.6	117.8	
167	13.5	10.8	16.2	





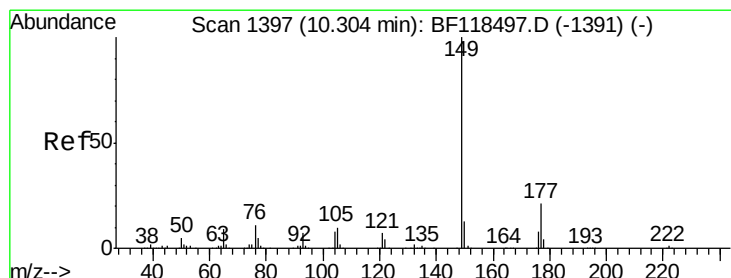
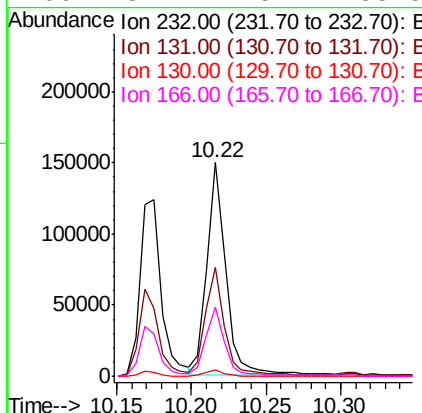
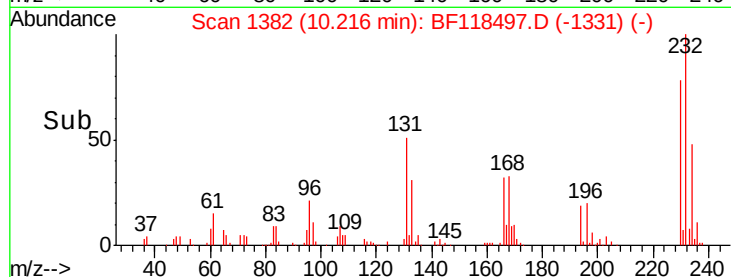
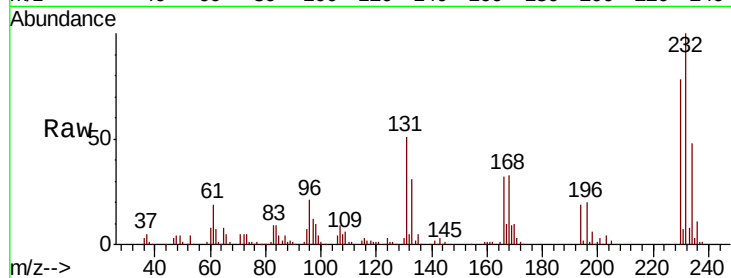
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.577 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.8	42.2	63.4
130	2.6	2.1	3.1
166	32.1	25.7	38.5

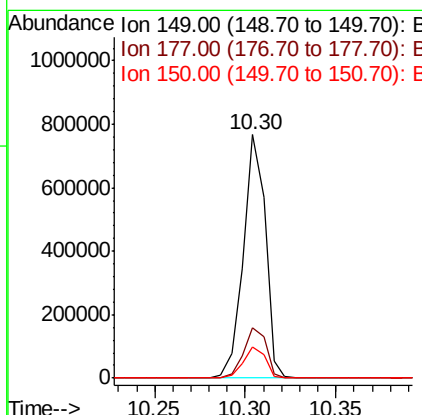
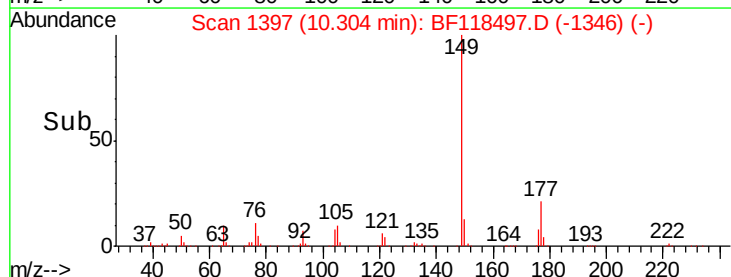
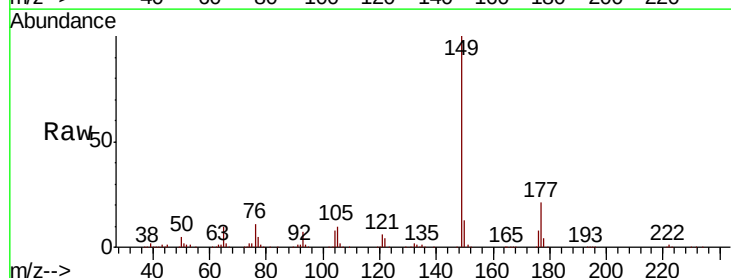
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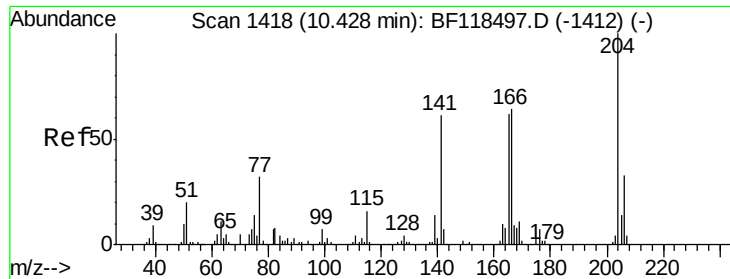
mohammad
 1/9/2020 12:10:32 PM



#60
 Diethylphthalate
 Concen: 41.529 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.5	24.7
150	12.7	10.2	15.2





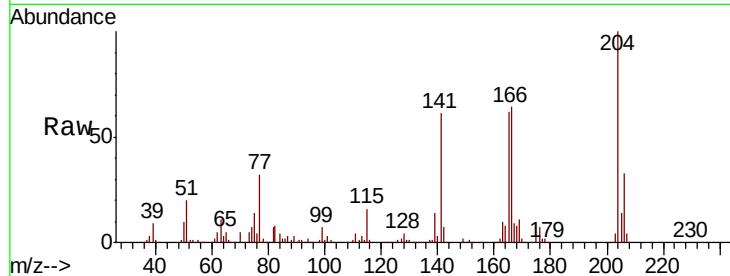
#61
4-Chlorophenyl-phenylether
Concen: 42.261 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	61.3	49.0	73.6

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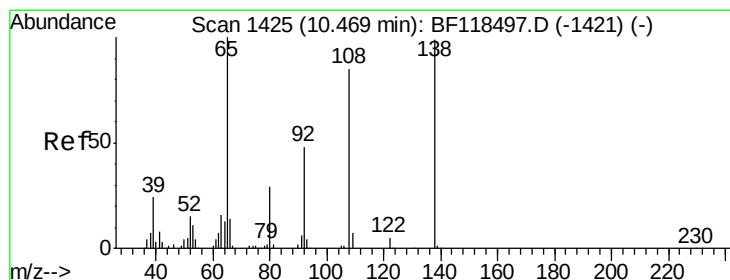
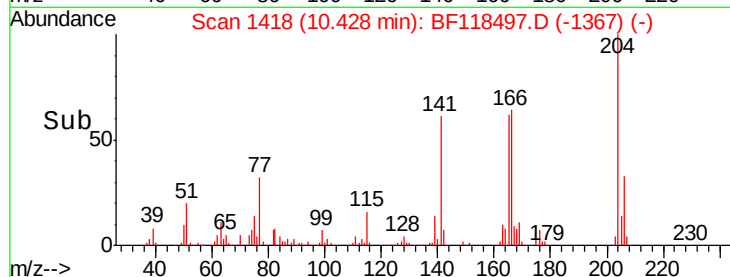
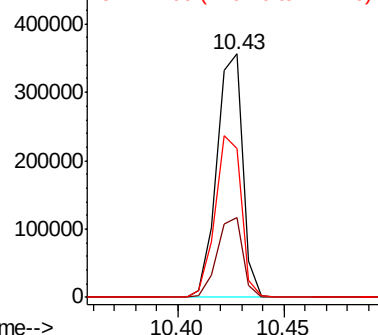


Abundance

Ion 204.00 (203.70 to 204.70): E

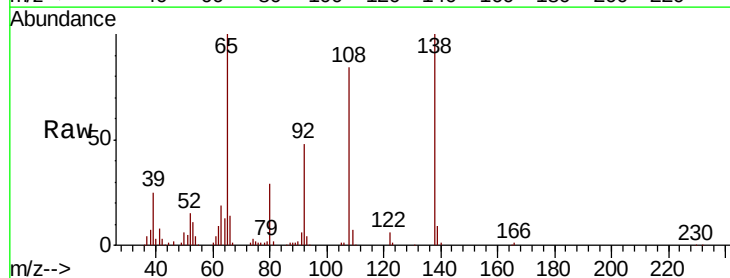
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.278 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.9	67.9
108	84.7	64.7	104.7

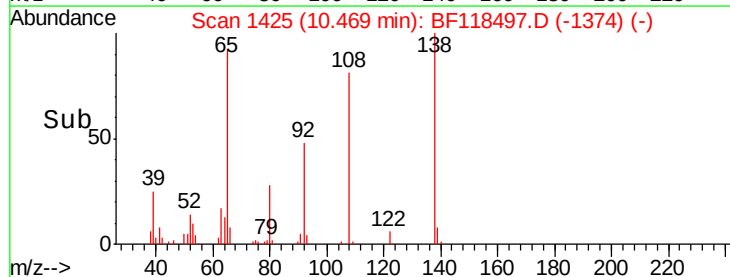
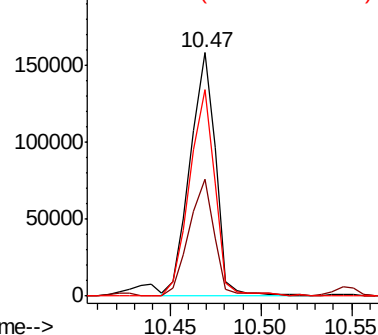


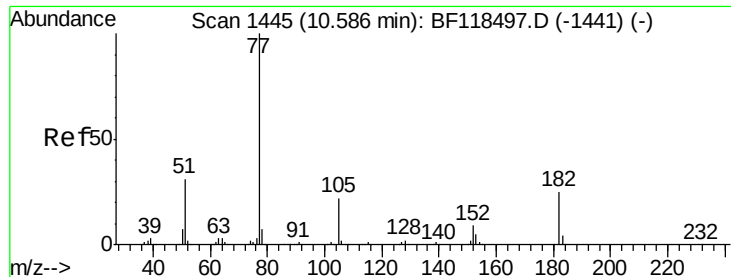
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





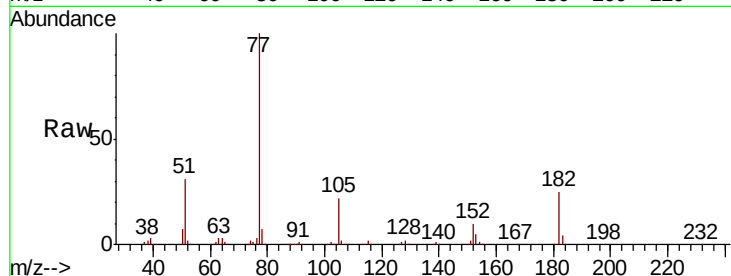
#63
Azobenzene
Concen: 40.572 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.2	45.2
105	21.7	1.7	41.7
51	31.2	11.2	51.2

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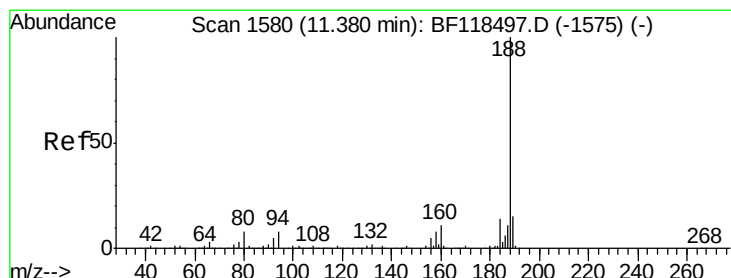
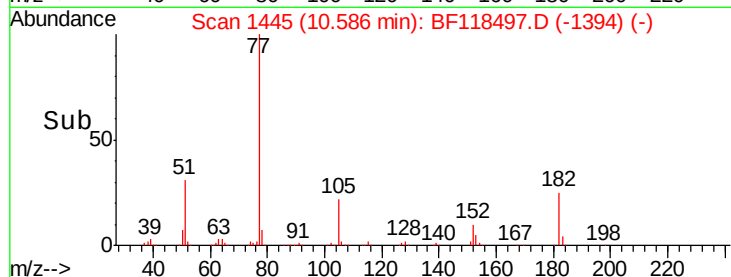
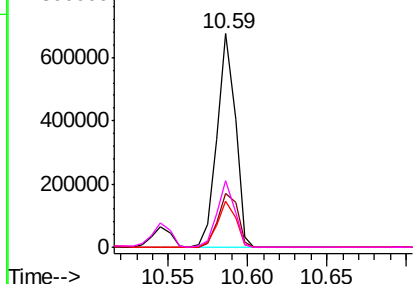
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

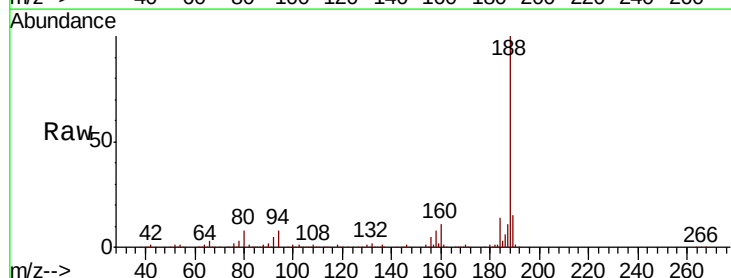
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.3	6.6	10.0

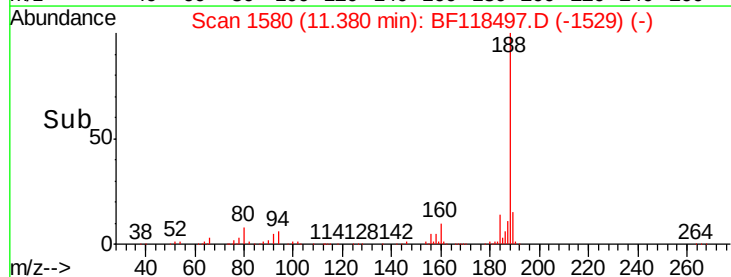
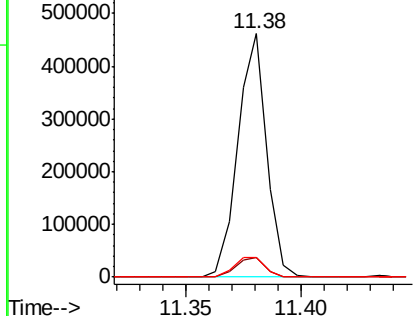


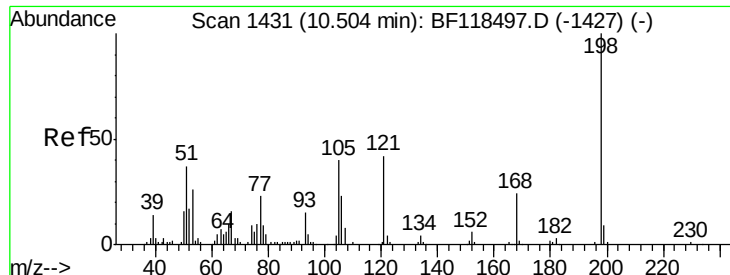
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





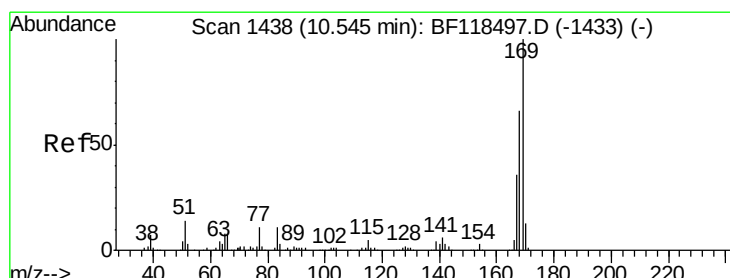
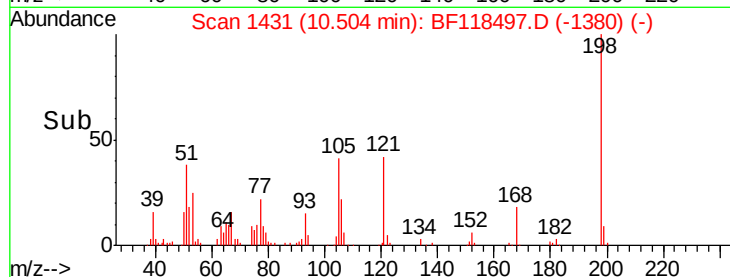
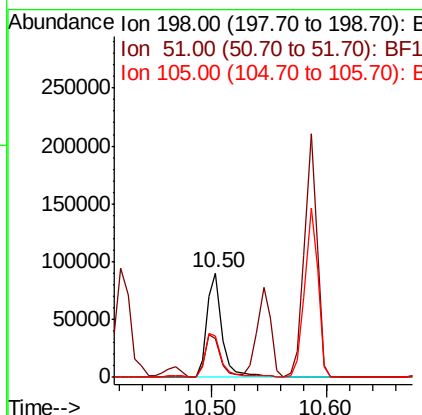
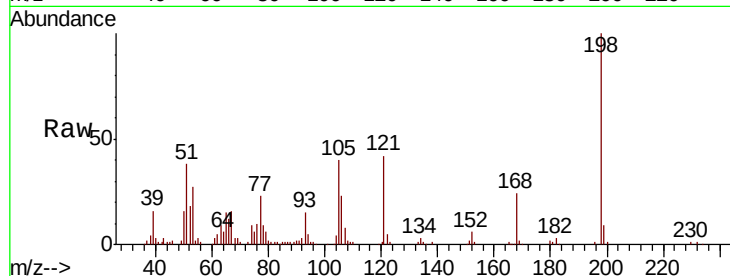
#65
4,6-Dinitro-2-methylphenol
Concen: 37.049 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.8	17.8	57.8
105	40.1	20.1	60.1

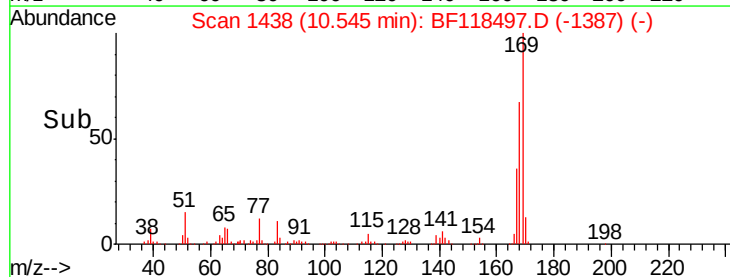
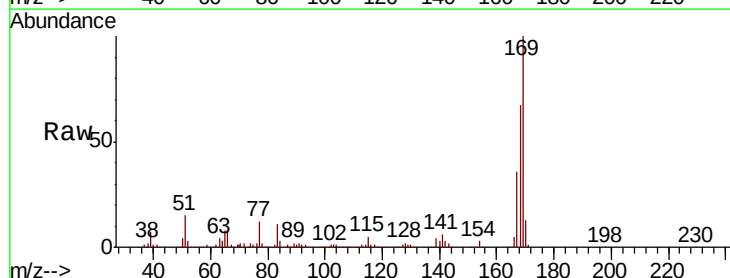
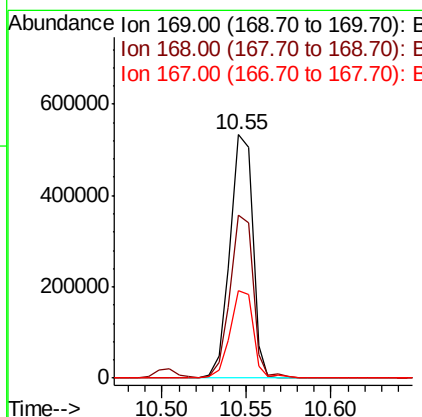
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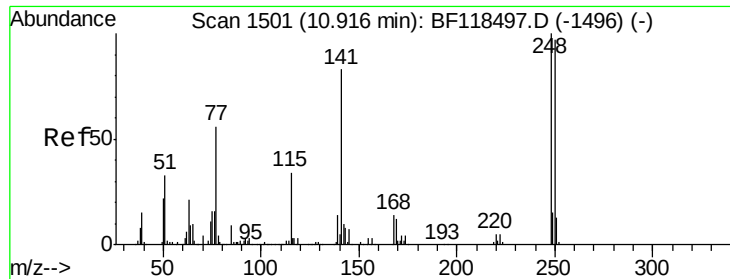
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#66
n-Nitrosodiphenylamine
Concen: 36.556 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	36.1	28.9	43.3





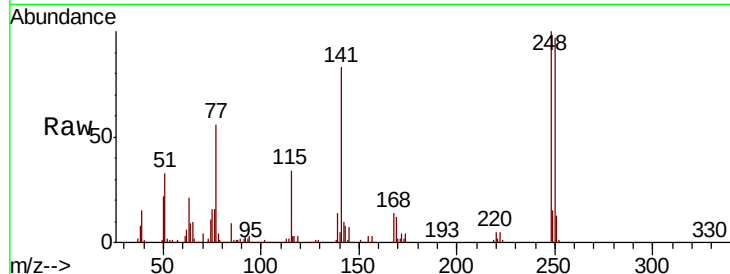
#67
4-Bromophenyl-phenylether
Concen: 34.403 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

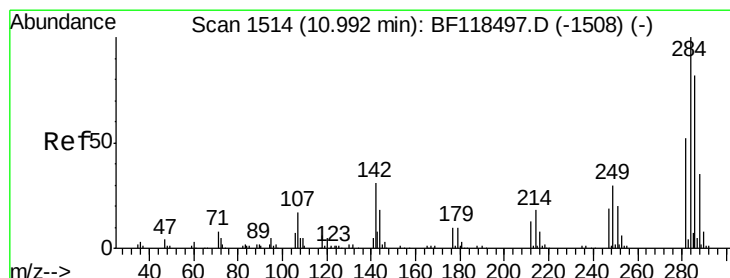
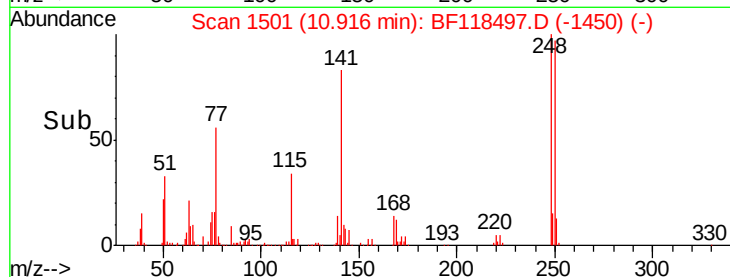
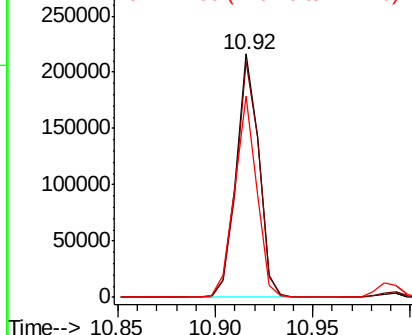
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.0
141	82.8	66.2	99.4

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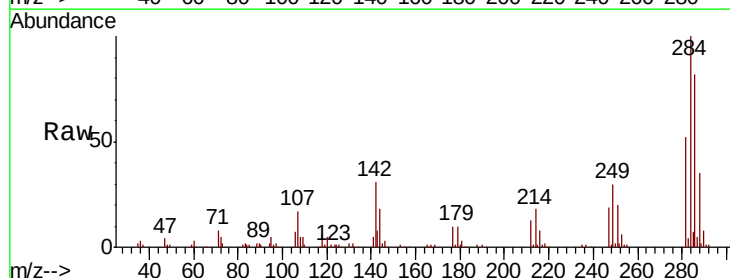


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

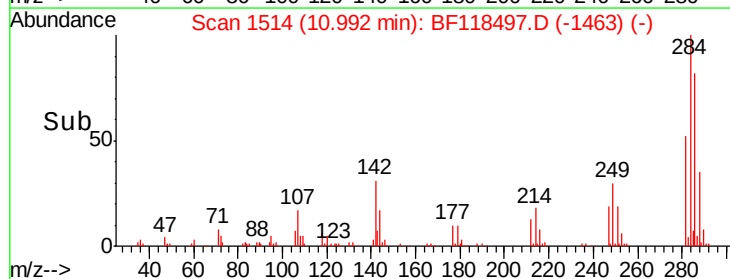
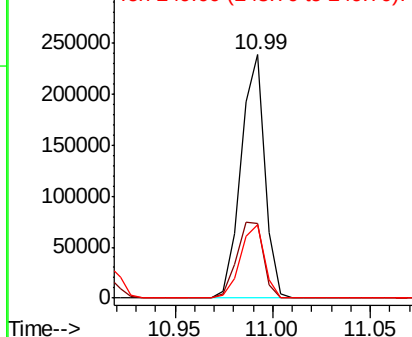


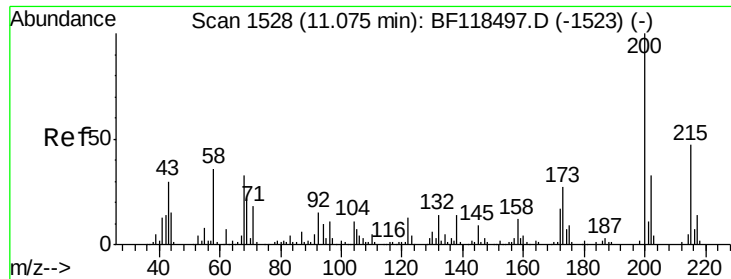
#68
Hexachlorobenzene
Concen: 33.699 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	30.0	24.0	36.0



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





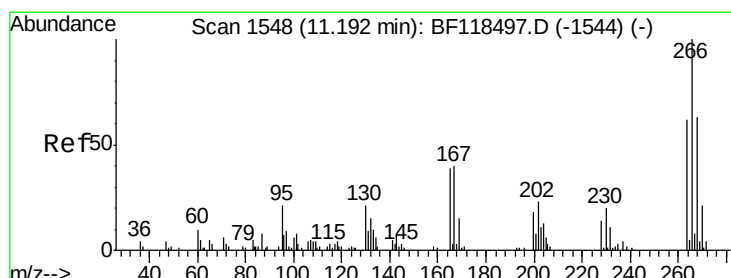
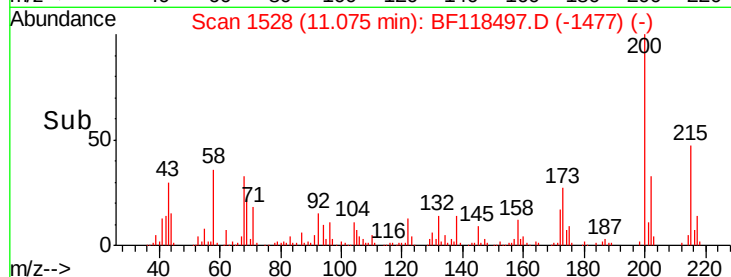
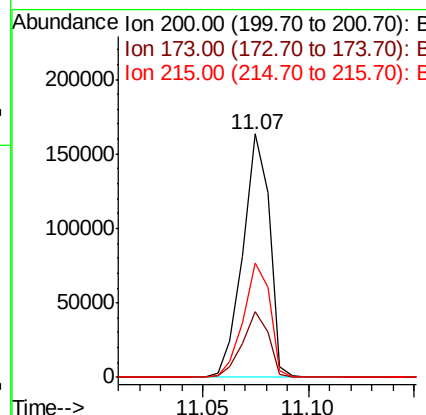
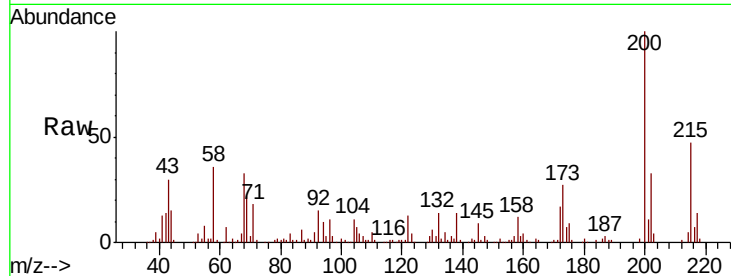
#69
Atrazine
Concen: 34.099 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	47.0	27.0	67.0

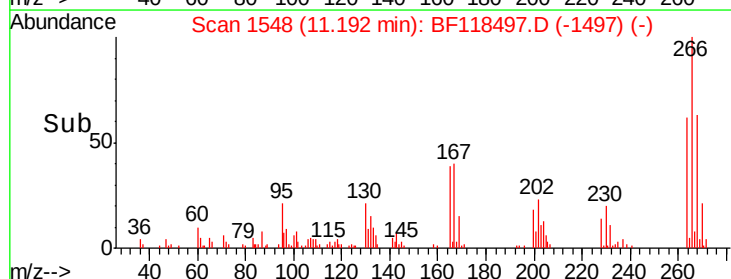
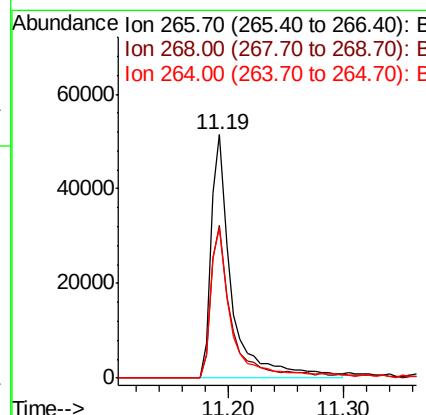
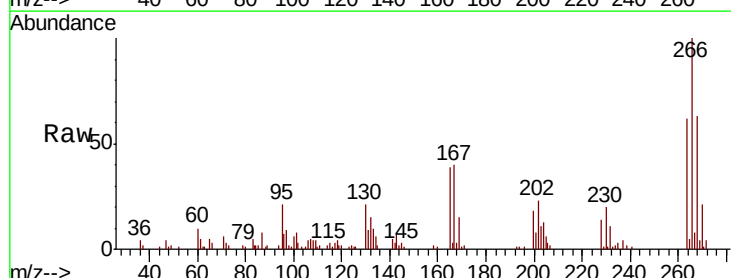
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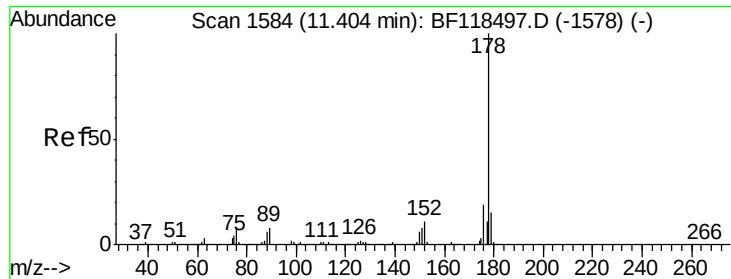
mohammad
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#70
Pentachlorophenol
Concen: 34.166 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.2	75.2
264	61.7	49.4	74.0





#71

Phenanthrene

Concen: 37.519 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

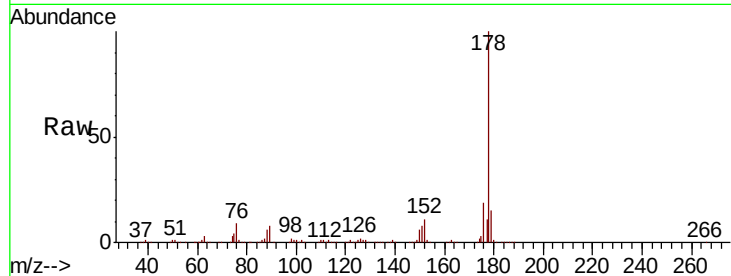
ClientSampleId :

SSTDICCC040

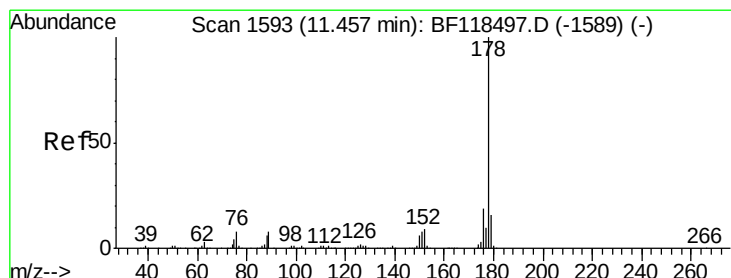
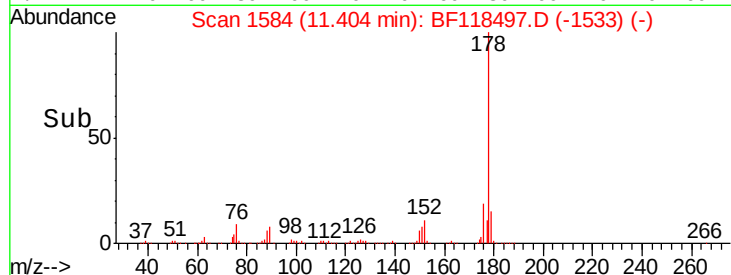
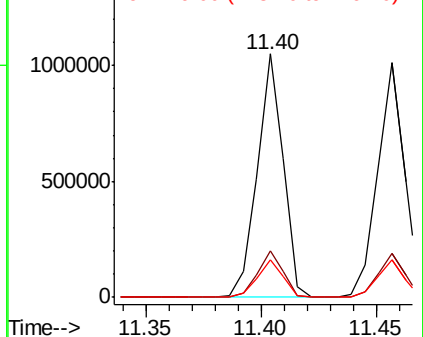
Tot Ion:178	Resp:	824930
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.2 22.8
179	15.4	12.3 18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.778 ng

RT: 11.46 min Scan# 1593

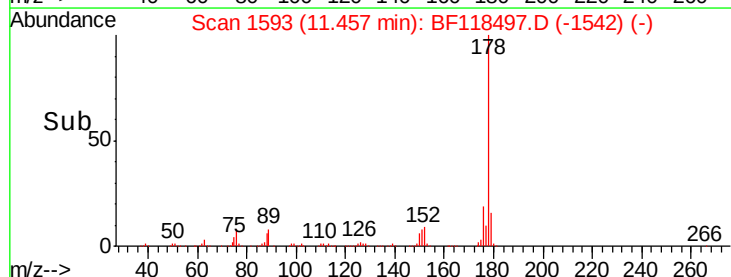
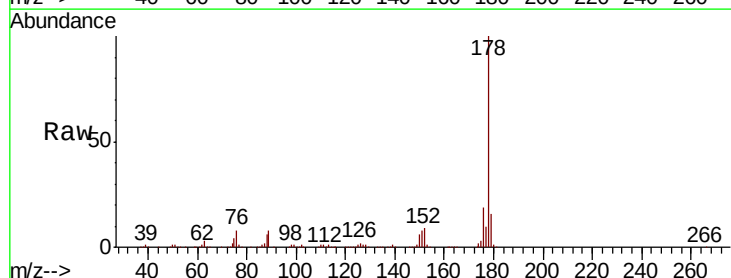
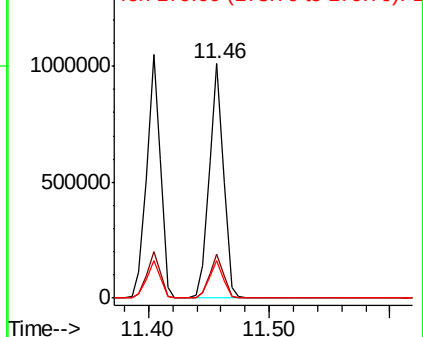
Delta R.T. 0.00 min

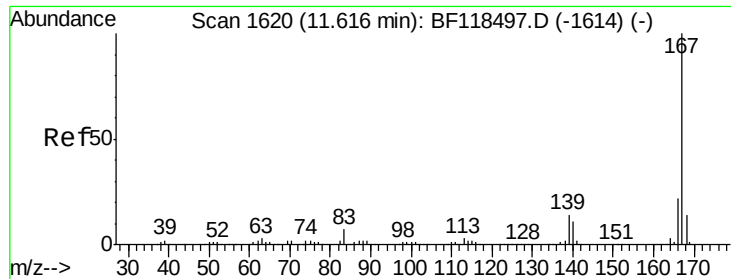
Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:178	Resp:	818534
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.4
179	15.8	12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





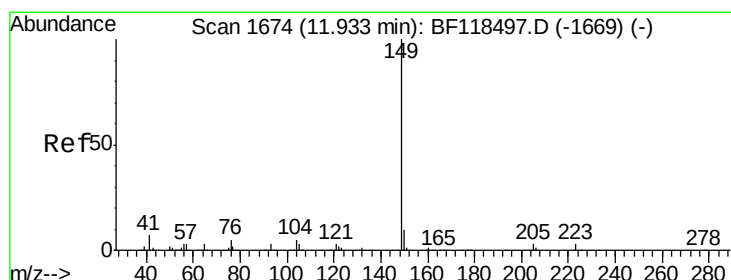
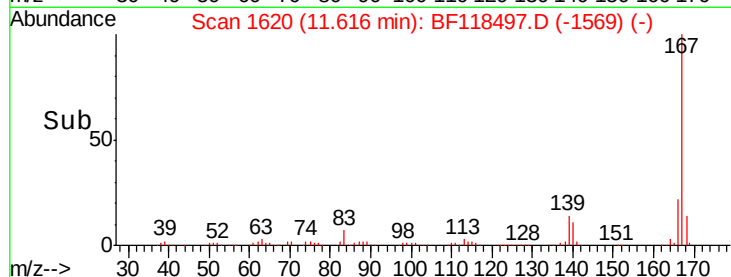
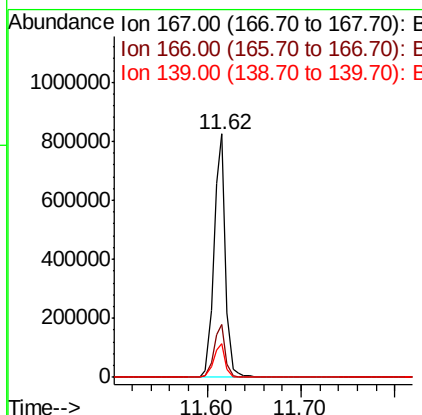
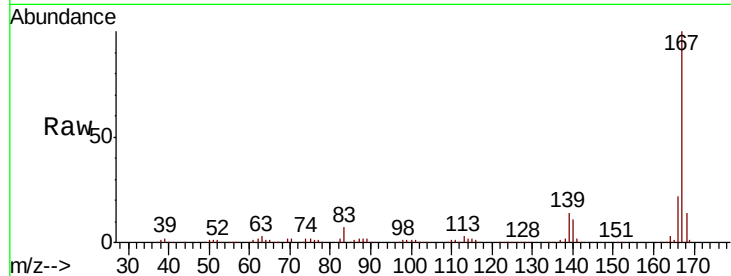
#73
 Carbazole
 Concen: 34.980 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.6	10.9	16.3

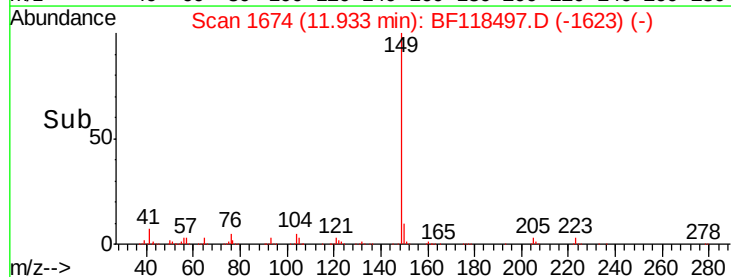
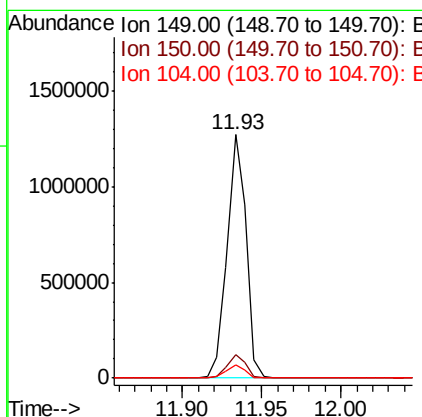
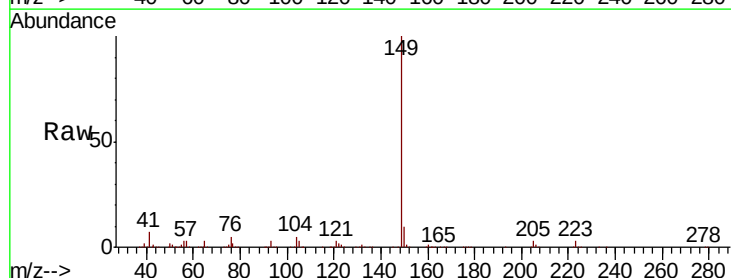
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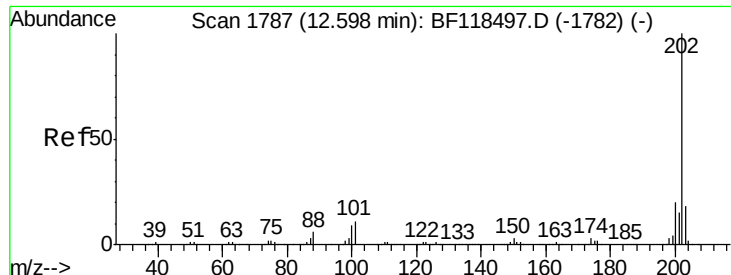
mohammad
 1/9/2020 12:10:32 PM



#74
 Di-n-butylphthalate
 Concen: 39.280 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	5.3	4.2	6.4





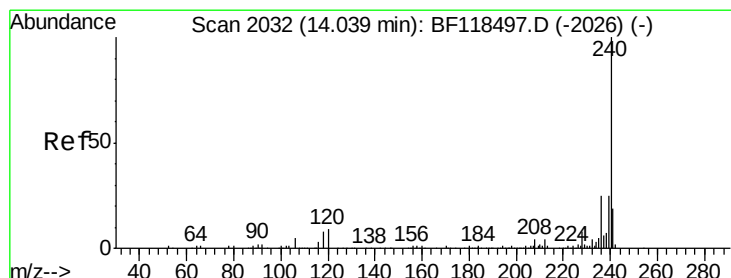
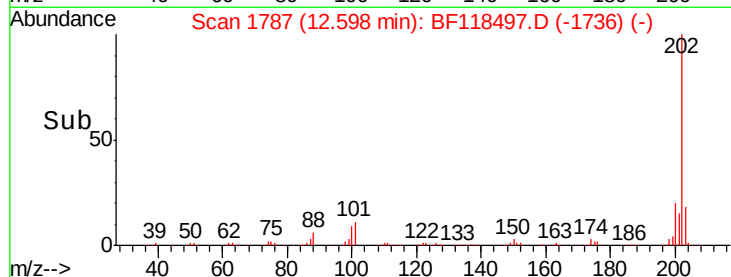
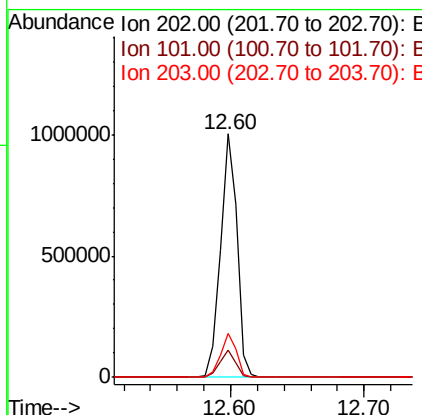
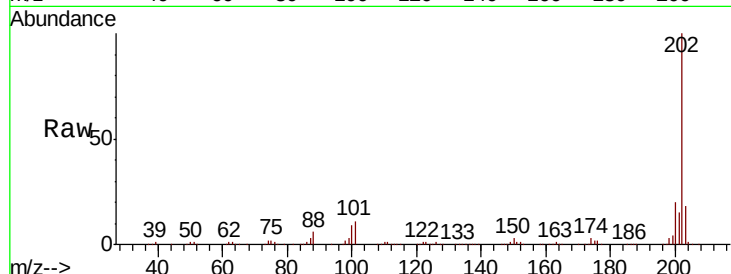
#75
Fluoranthene
Concen: 38.009 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.1	0.0	38.1

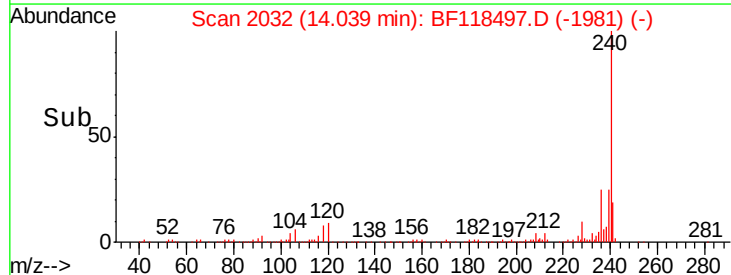
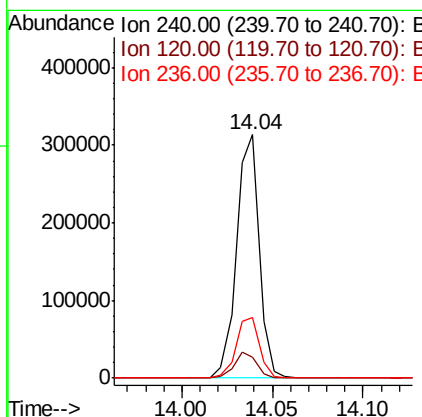
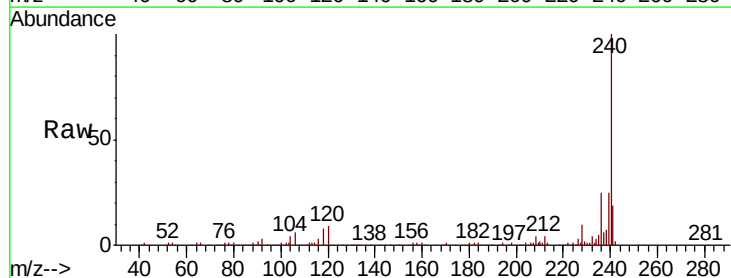
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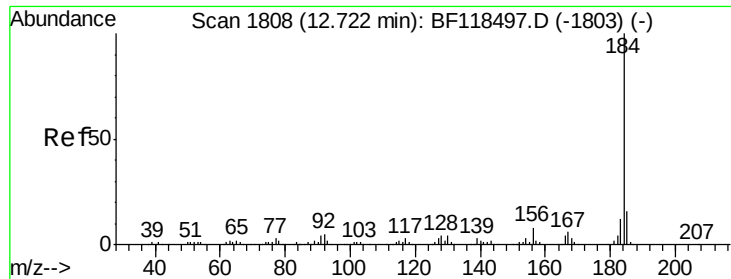
mohammad
1/9/2020 12:10:32 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	7.0	10.6
236	25.1	20.1	30.1





#77

Benzidine

Concen: 34.065 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 262292

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

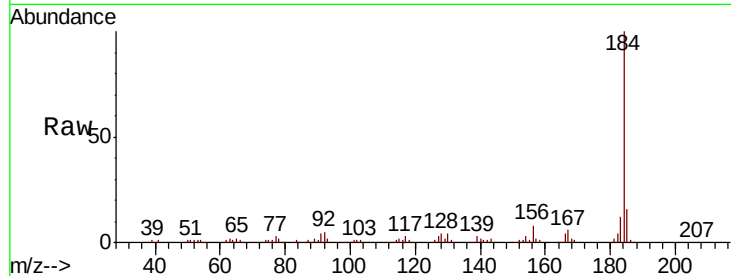
183 11.6 9.3 13.9

Manual Integrations

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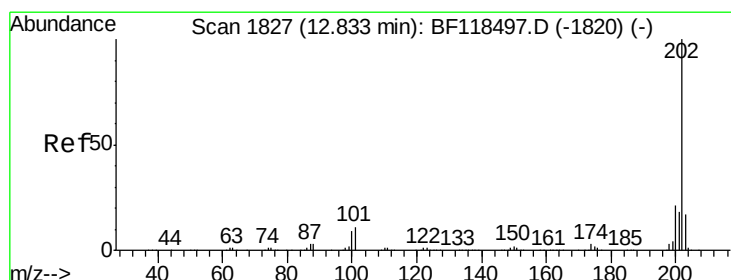
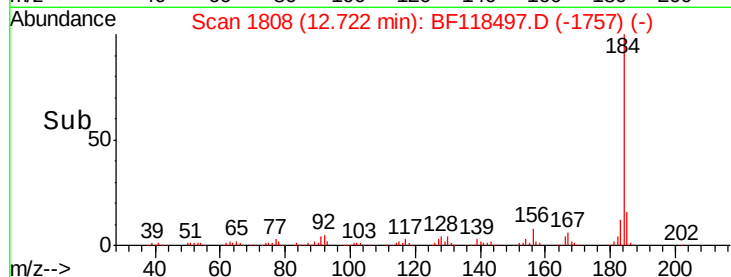
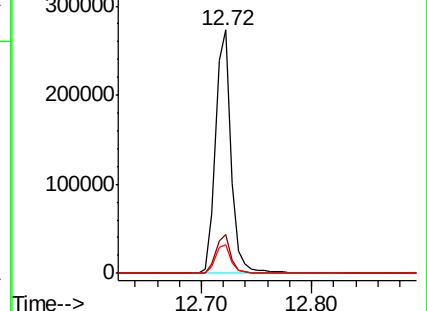
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.888 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

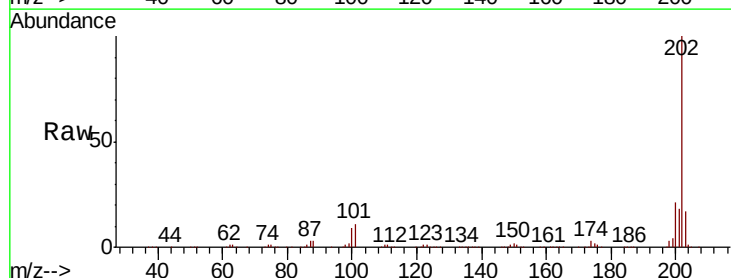
Tgt Ion:202 Resp: 867878

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

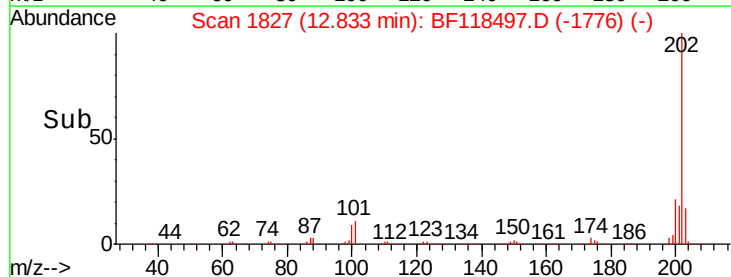
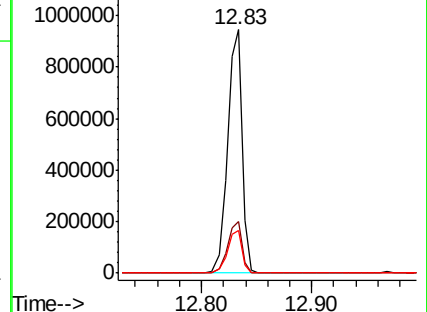
203 17.4 13.9 20.9

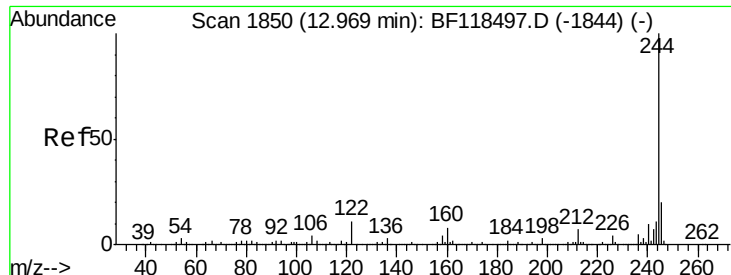


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





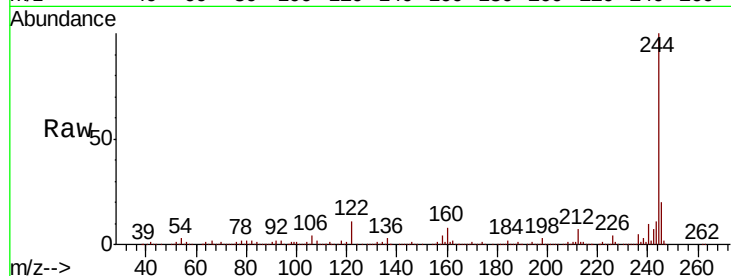
#79
 Terphenyl-d14
 Concen: 73.507 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.3	9.0	13.6

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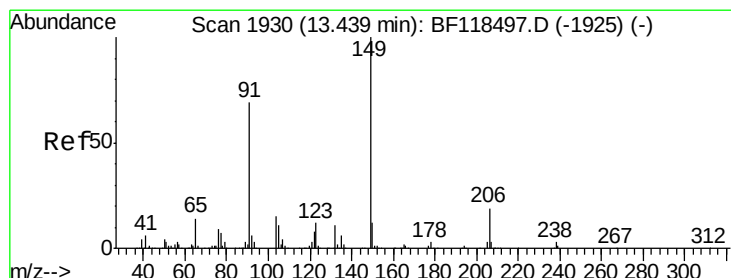
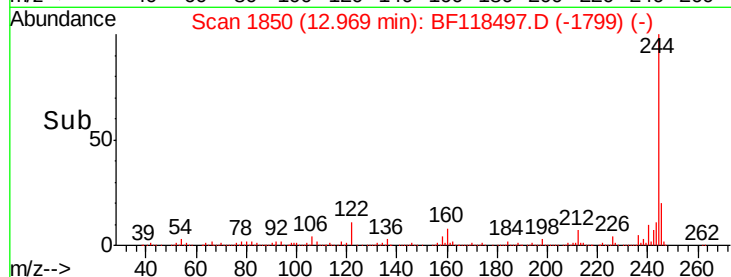
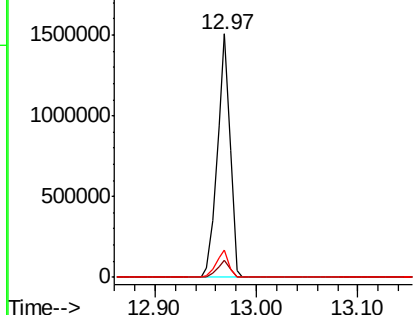


Abundance

Ion 244.00 (243.70 to 244.70): E

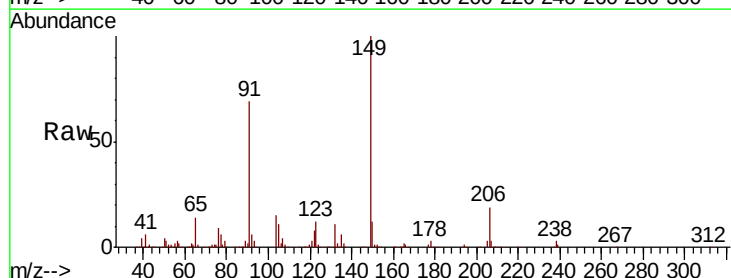
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 41.460 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF118497.D
 Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	55.2	82.8
206	18.9	15.1	22.7

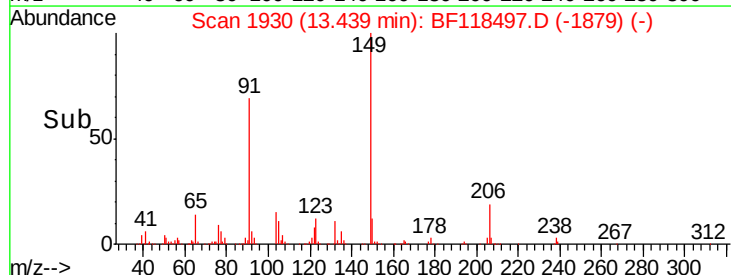
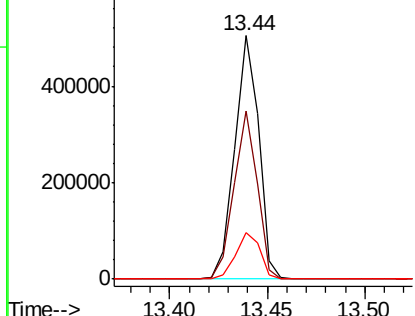


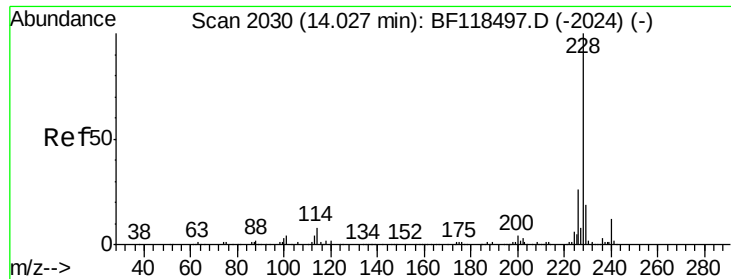
Abundance

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: 36.482 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

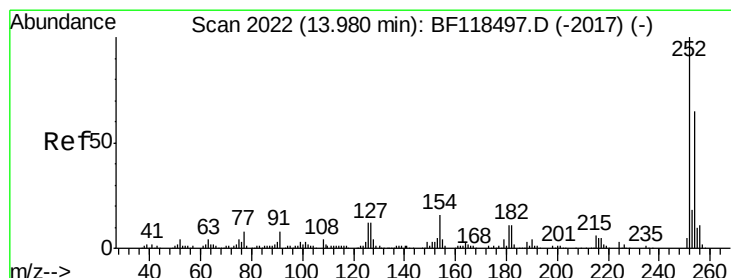
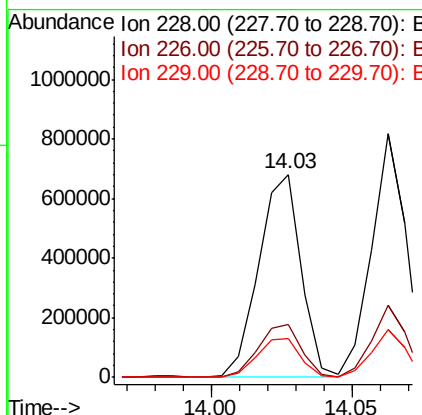
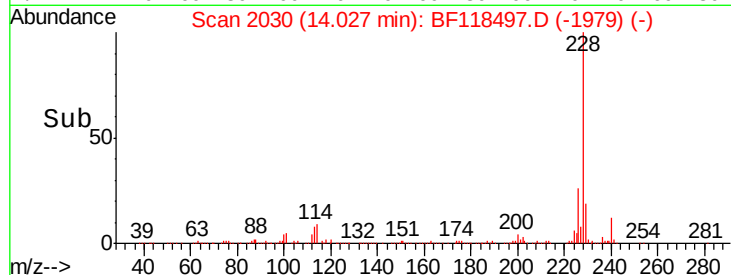
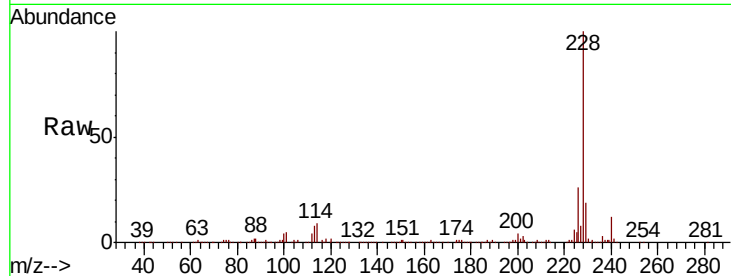
ClientSampleId :

SSTDICCC040

Tot Ion:	228	Resp:	707092
Ion Ratio		Lower	Upper
228	100		
226	25.9	20.7	31.1
229	19.3	15.4	23.2

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#82

3,3'-Dichlorobenzidine

Concen: 38.109 ng

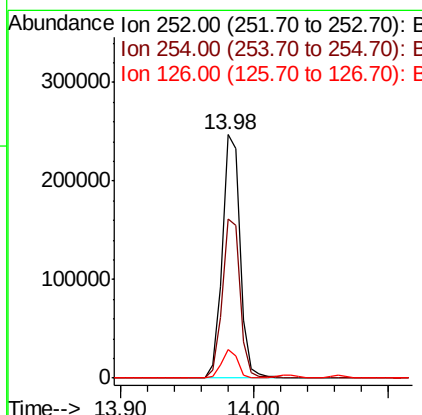
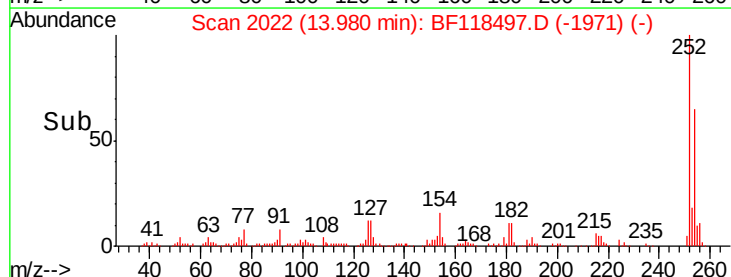
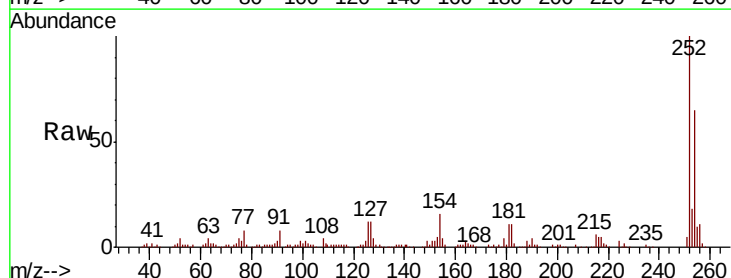
RT: 13.98 min Scan# 2222

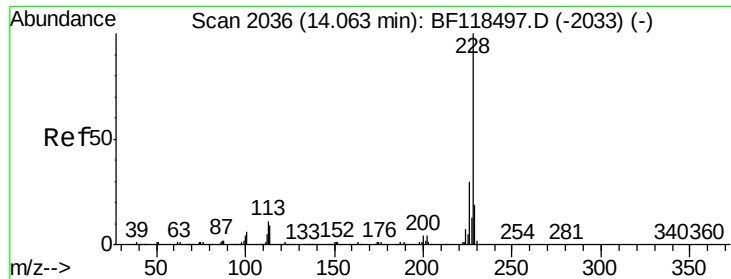
Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion:	252	Resp:	234329
Ion Ratio		Lower	Upper
252	100		
254	65.1	52.1	78.1
126	12.0	9.6	14.4





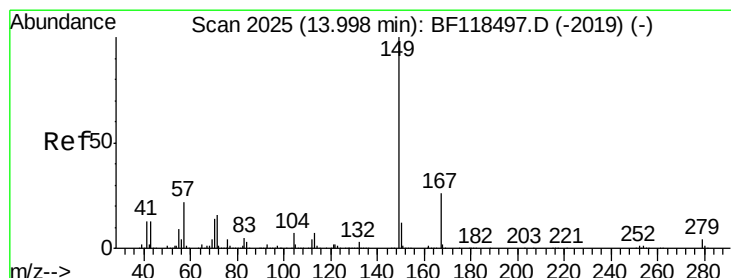
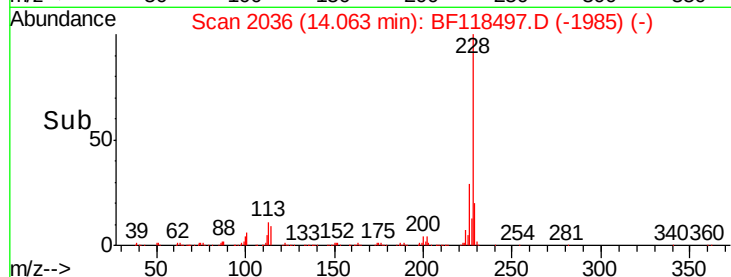
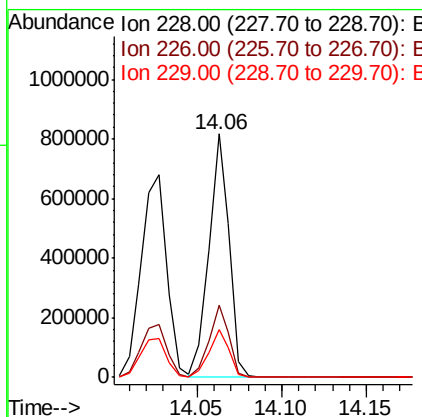
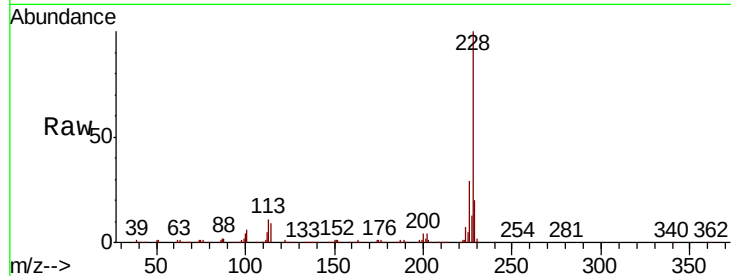
#83
Chrysene
Concen: 36.693 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	19.5	15.6	23.4

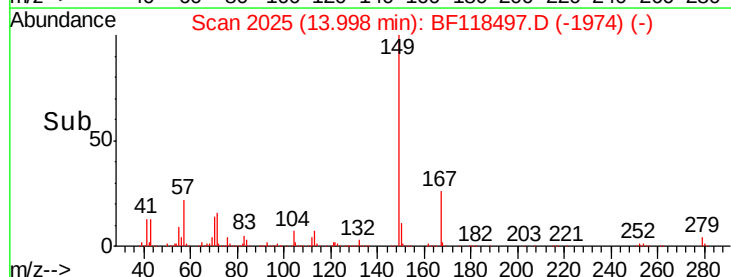
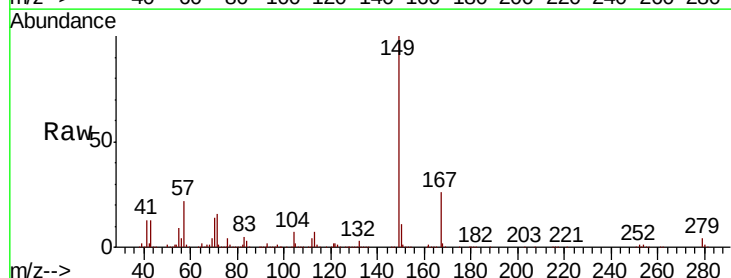
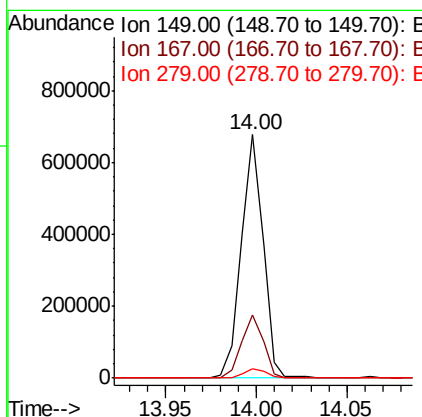
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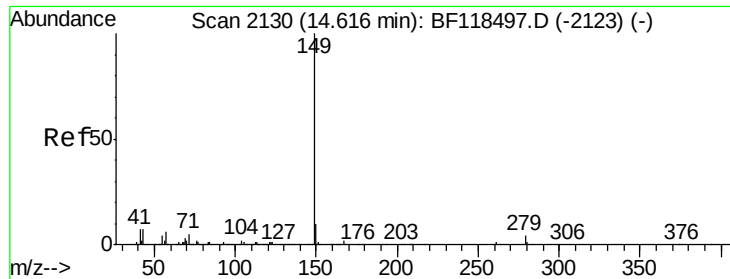
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.722 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.6	30.8
279	3.9	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 46.271 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Instrument :

BNA_F

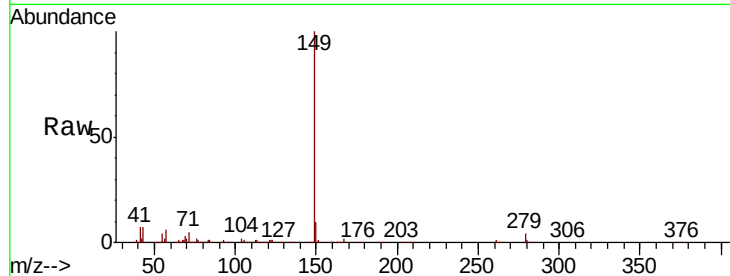
ClientSampleId :

SSTDICCC040

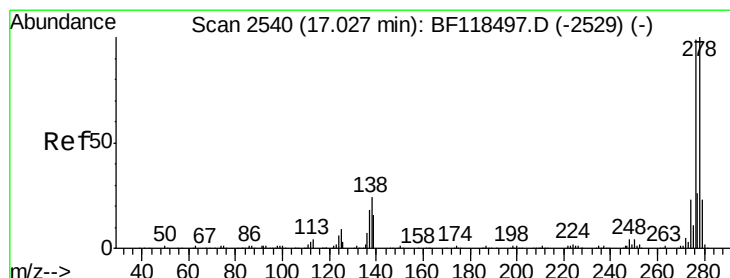
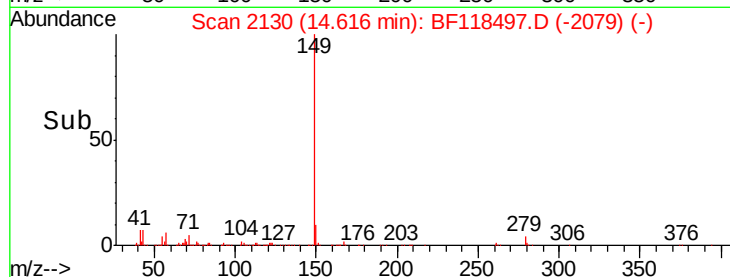
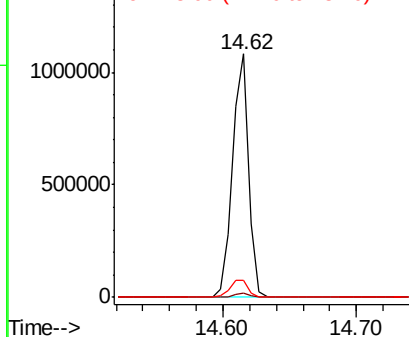
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.0	6.4	9.6	

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.391 ng

RT: 17.03 min Scan# 2540

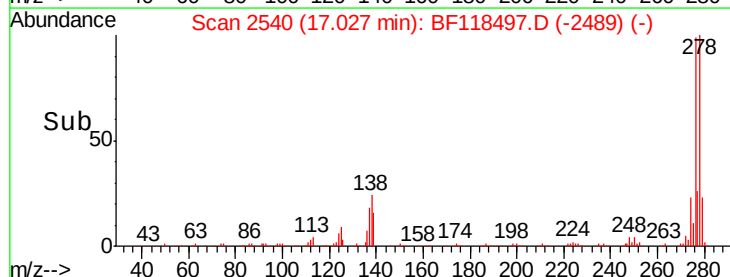
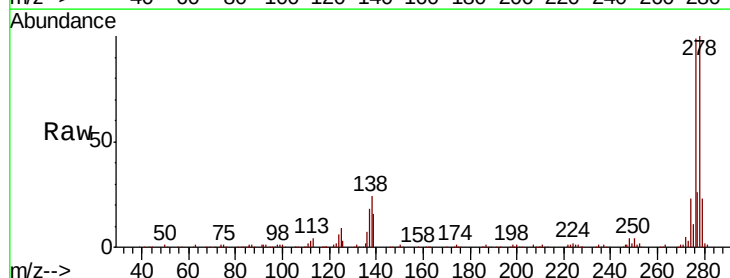
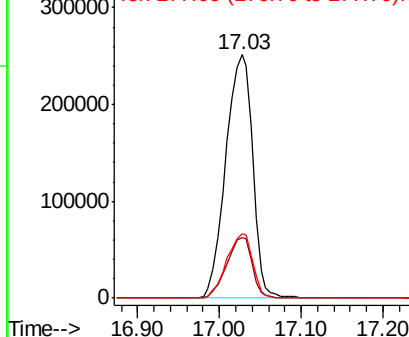
Delta R.T. 0.00 min

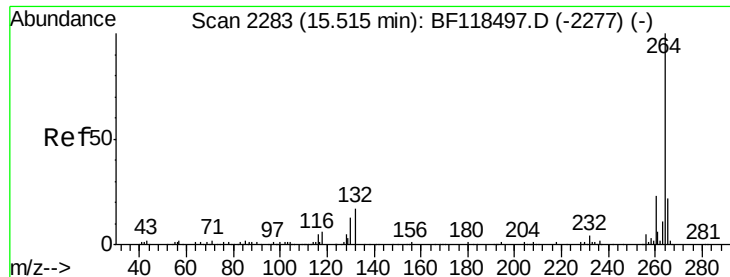
Lab File: BF118497.D

Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.7	19.0	28.4	
277	25.6	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





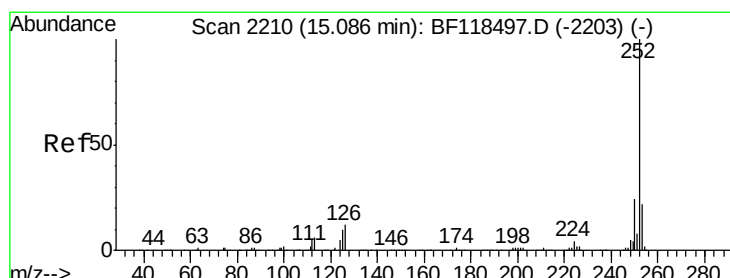
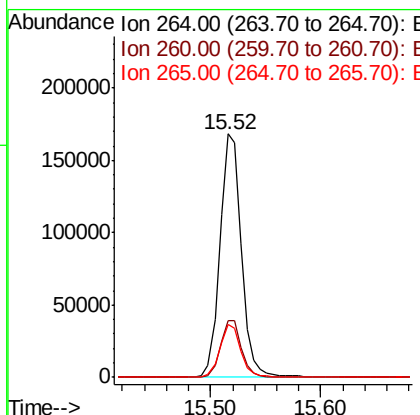
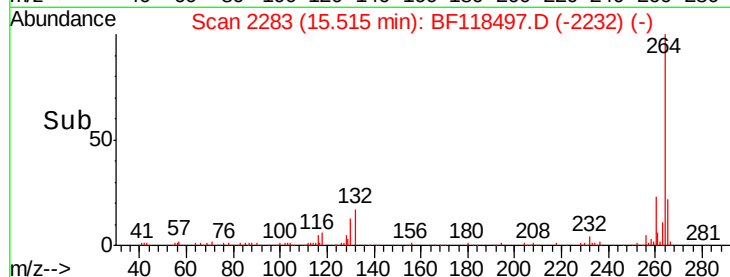
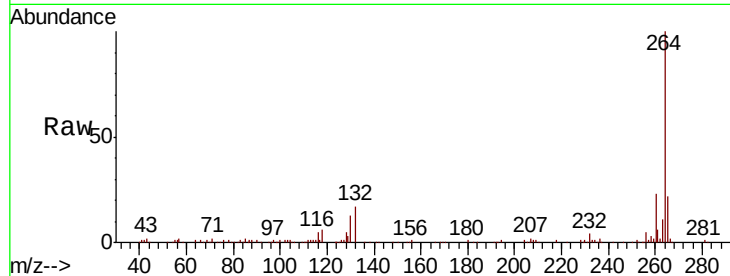
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.9	17.5	26.3

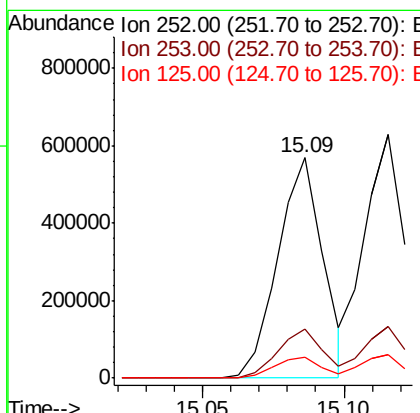
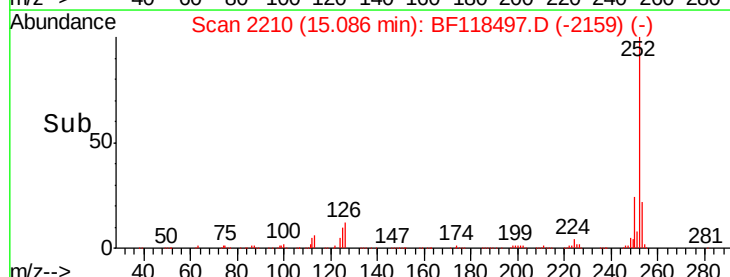
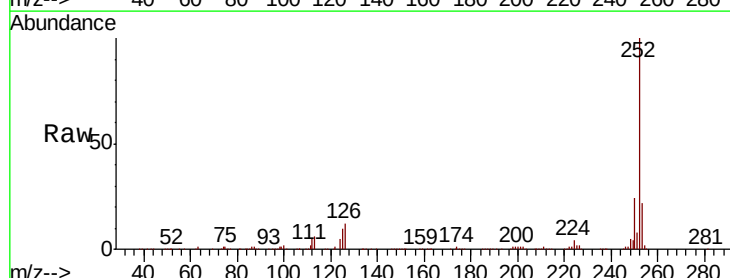
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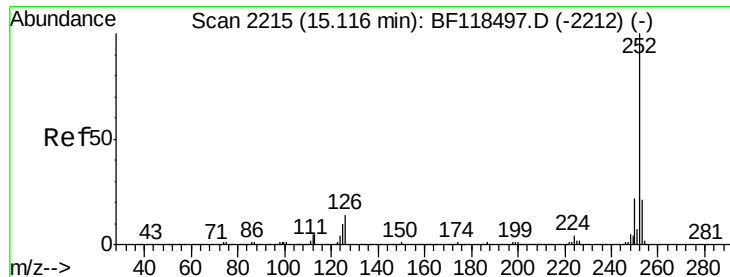
mohammad
1/9/2020 12:10:32 PM



#88
Benzo(b)fluoranthene
Concen: 40.010 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.7	7.8	11.6





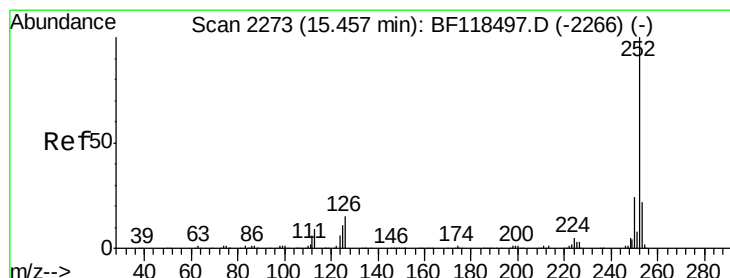
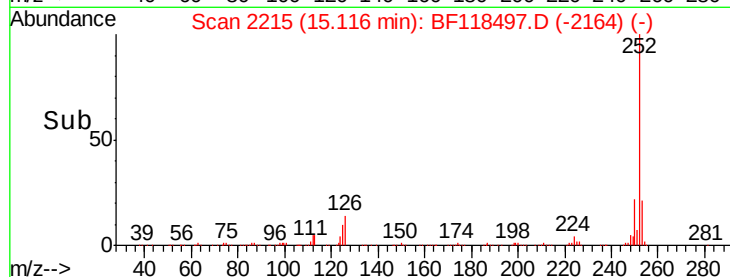
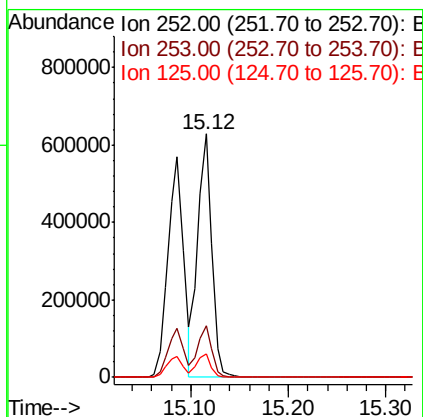
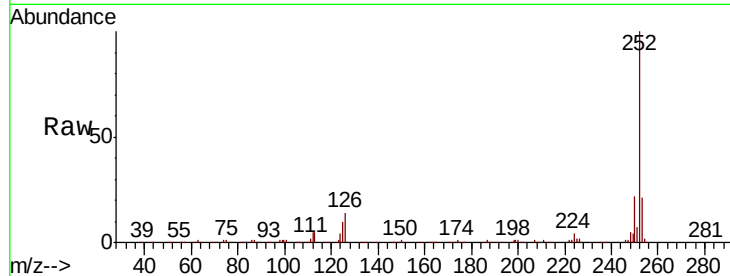
#89
Benzo(k)fluoranthene
Concen: 40.572 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.7	7.8	11.6

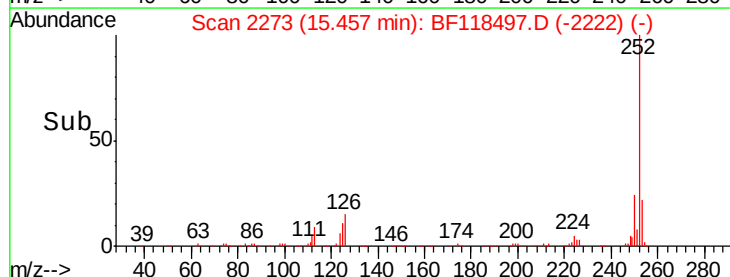
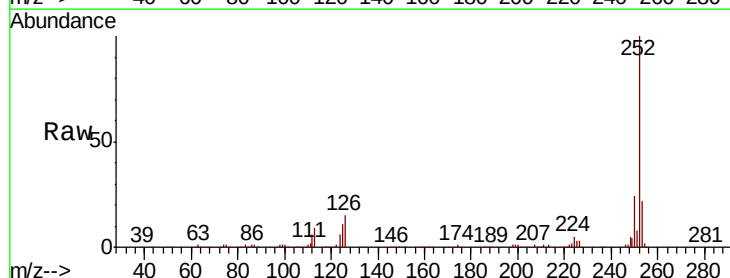
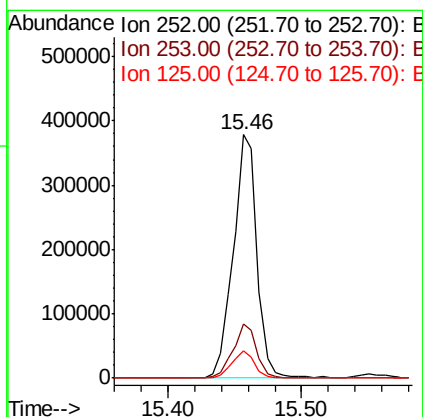
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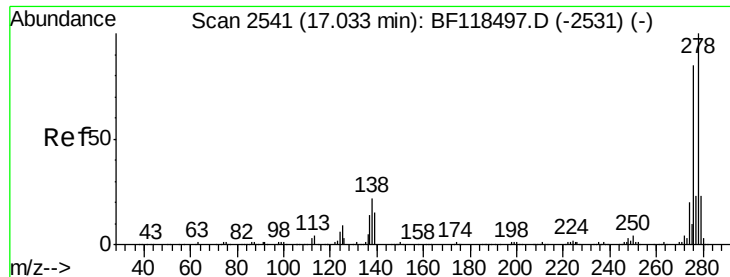
mohammad
1/9/2020 12:10:32 PM



#90
Benzo(a)pyrene
Concen: 32.507 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.3	9.0	13.6





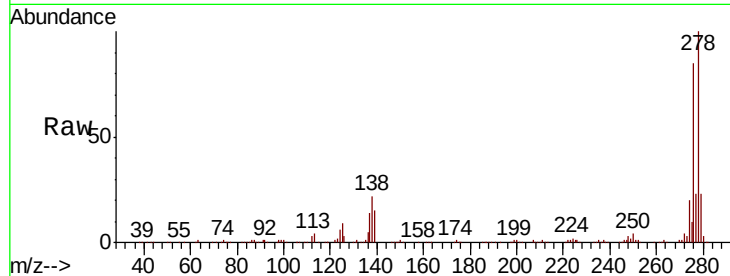
#91
Dibenzo(a,h)anthracene
Concen: 42.929 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

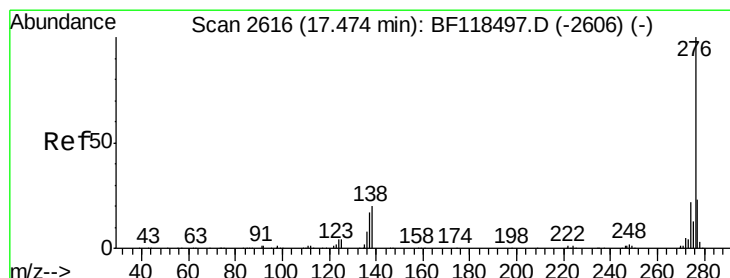
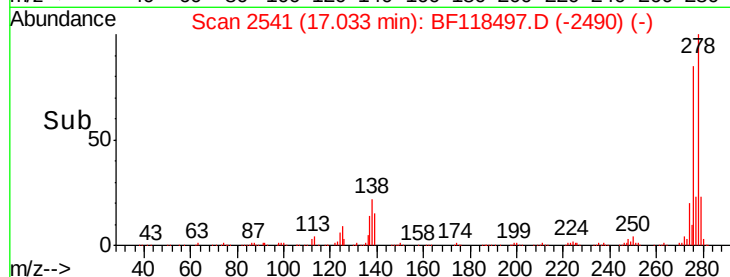
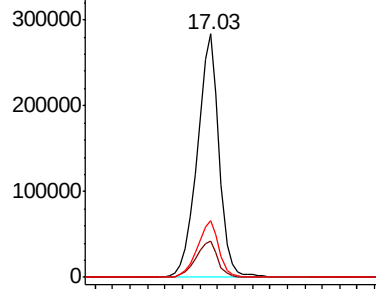
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.9	17.9
279	23.2	18.6	27.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:32 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: 36.295 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BF118497.D
Acq: 8 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.2	27.4
138	20.4	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

