

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121187.D
 Acq On : 5 Aug 2020 11:26
 Operator : JU/CG
 Sample : PB130722BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Manual Integrations
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mohammad
 8/6/2020 1:20:57 PM

Quant Time: Aug 05 12:09:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147788	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	578047	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	303856	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	573241	20.00	ng	0.00
76) Chrysene-d12	13.97	240	437901	20.00	ng	0.00
86) Perylene-d12	15.42	264	431519	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	907033	100.61	ng	0.00
7) Phenol-d6	6.44	99	1105780	94.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	743012	74.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	345371	103.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1361449	66.90	ng	0.00
79) Terphenyl-d14	12.91	244	1360644	67.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	141783	34.173	ng	100
3) Pyridine	3.32	79	334152	30.275	ng	99
4) n-Nitrosodimethylamine	3.27	42	179104	37.949	ng	97
6) Aniline	6.46	93	507451	33.383	ng	# 86
8) 2-Chlorophenol	6.58	128	421892	42.481	ng	99
9) Benzaldehyde	6.35	77	263646	49.846	ng	99
10) Phenol	6.45	94	481473	37.586	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	391615	39.890	ng	100
12) 1,3-Dichlorobenzene	6.73	146	415626	38.595	ng	98
13) 1,4-Dichlorobenzene	6.81	146	425329	39.720	ng	98
14) 1,2-Dichlorobenzene	6.96	146	410813	40.553	ng	99
15) Benzyl Alcohol	6.94	79	329094	39.962	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	532534	37.634	ng	97
17) 2-Methylphenol	7.06	107	334998	38.058	ng	99
18) Hexachloroethane	7.30	117	156966	40.500	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	251132	37.925	ng	99
20) 3+4-Methylphenols	7.21	107	380567	33.987	ng	95
22) Acetophenone	7.20	105	523613	40.361	ng	95
24) Nitrobenzene	7.38	77	414488	38.496	ng	99
25) Isophorone	7.62	82	766277	38.434	ng	98
26) 2-Nitrophenol	7.70	139	228036	44.593	ng	96
27) 2,4-Dimethylphenol	7.74	122	363174	43.742	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	497278	40.860	ng	99
29) 2,4-Dichlorophenol	7.94	162	346830	40.880	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	371265	39.443	ng	99
31) Naphthalene	8.10	128	1149650	38.773	ng	100
32) Benzoic acid	7.87	122	191939	30.797	ng	98
33) 4-Chloroaniline	8.15	127	397324	30.039	ng	99
34) Hexachlorobutadiene	8.22	225	213317	38.443	ng	98
35) Caprolactam	8.53	113	110369m	40.566	ng	
36) 4-Chloro-3-methylphenol	8.65	107	355920	40.905	ng	96
37) 2-Methylnaphthalene	8.79	142	786291	40.841	ng	99
38) 1-Methylnaphthalene	8.89	142	735563	40.340	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358929	40.543	ng	99

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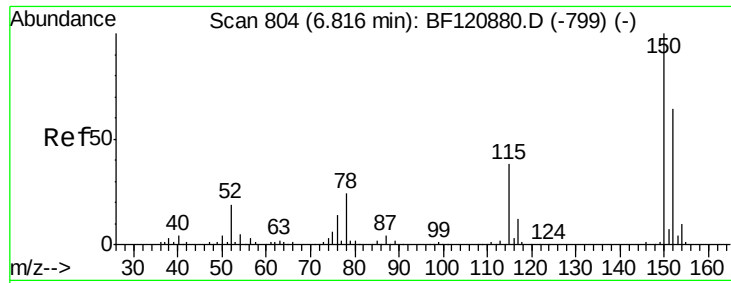
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Quant Time: Aug 05 12:09:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	364701	74.537	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	249170	39.974	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	264296	37.379	nq	98
46) 1,1'-Biphenyl	9.26	154	945251	40.782	nq	100
47) 2-Chloronaphthalene	9.29	162	725785	38.407	nq	99
48) 2-Nitroaniline	9.38	65	224017	39.227	nq	99
49) Acenaphthylene	9.70	152	1150541	39.191	nq	100
50) Dimethylphthalate	9.56	163	873413	39.843	nq	100
51) 2,6-Dinitrotoluene	9.63	165	193452	41.076	nq	92
52) Acenaphthene	9.87	154	671752	35.991	nq	99
53) 3-Nitroaniline	9.79	138	161364	27.319	nq	99
54) 2,4-Dinitrophenol	9.91	184	184096	68.944	nq	99
55) Dibenzofuran	10.05	168	1004976	37.234	nq	98
56) 4-Nitrophenol	9.97	139	296512	66.084	nq	98
57) 2,4-Dinitrotoluene	10.03	165	249772	40.386	nq	93
58) Fluorene	10.39	166	754998	37.505	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	221888	41.216	nq	100
60) Diethylphthalate	10.26	149	858879	38.736	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	379557	35.350	nq	99
62) 4-Nitroaniline	10.41	138	216074	37.554	nq	96
63) Azobenzene	10.54	77	800656	37.930	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	133389	40.829	nq	93
66) n-Nitrosodiphenylamine	10.50	169	728706	40.410	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	250747	39.233	nq	95
68) Hexachlorobenzene	10.93	284	286108	41.383	nq	# 93
69) Atrazine	11.03	200	211469	47.351	nq	99
70) Pentachlorophenol	11.13	266	299810	75.696	nq	99
71) Phenanthrene	11.35	178	1128144	38.266	nq	100
72) Anthracene	11.40	178	1178485	39.808	nq	99
73) Carbazole	11.56	167	1114276	37.927	nq	99
74) Di-n-butylphthalate	11.89	149	1329368	39.210	nq	99
75) Fluoranthene	12.54	202	1247413	38.172	nq	98
77) Benzidine	12.66	184	776709	67.462	nq	99
78) Pyrene	12.77	202	1279565	41.330	nq	100
80) Butylbenzylphthalate	13.38	149	579495	41.988	nq	95
81) Benzo(a)anthracene	13.96	228	1086963	40.991	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	372202	37.205	nq	100
83) Chrysene	13.99	228	1094368	39.272	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	763342	44.853	nq	99
85) Di-n-octyl phthalate	14.56	149	1362960	40.254	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1129568	37.639	nq	100
88) Benzo(b)fluoranthene	15.00	252	1094197	41.949	nq	100
89) Benzo(k)fluoranthene	15.03	252	1027626	43.199	nq	99
90) Benzo(a)pyrene	15.36	252	964602	40.533	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	934612	38.125	nq	99
92) Benzo(g,h,i)perylene	17.29	276	936064	38.727	nq	98

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



#1

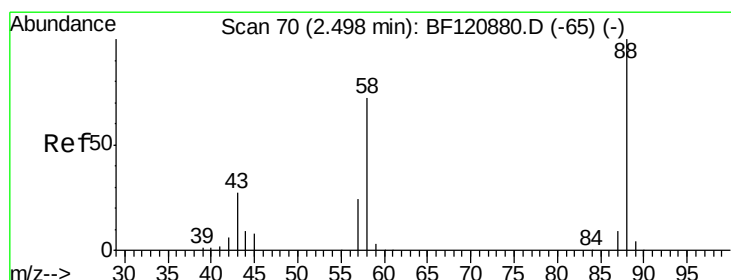
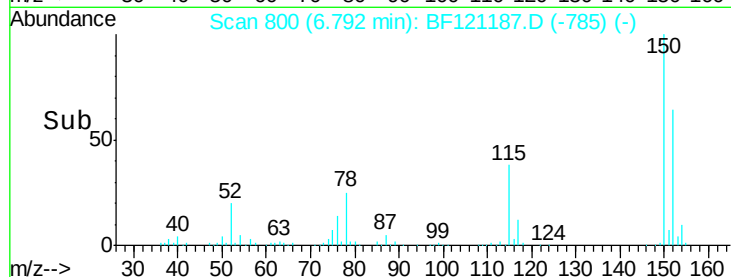
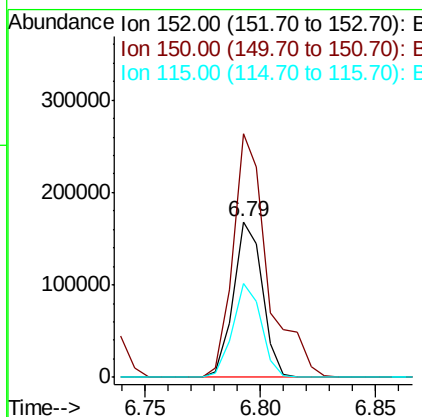
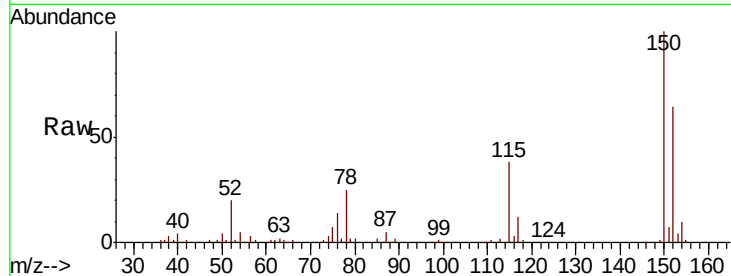
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.6	188.4
115	60.0	46.2	69.2

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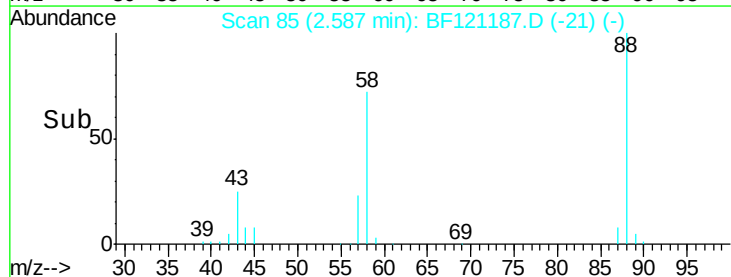
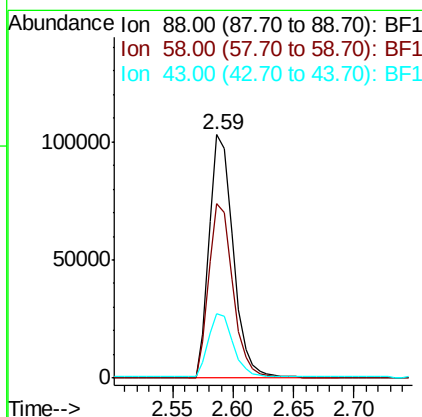
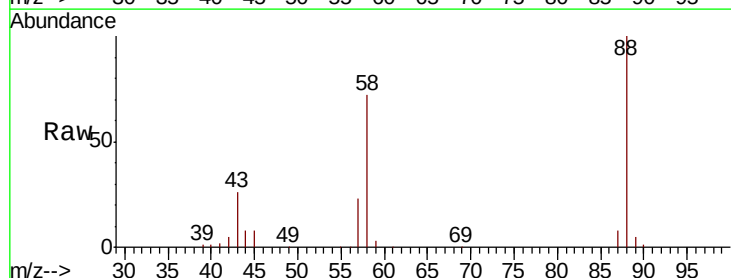
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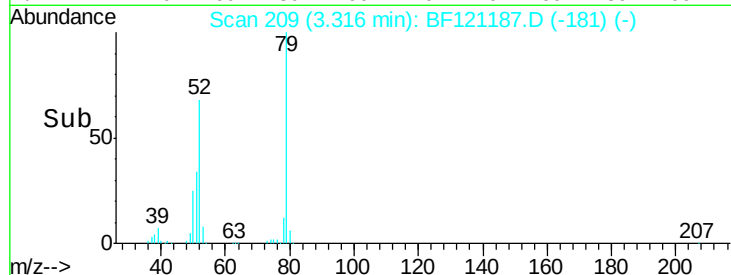
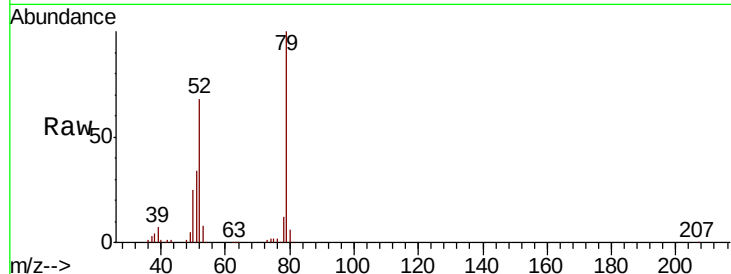
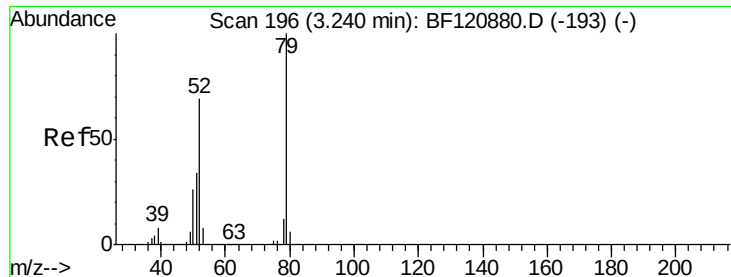


#2

1,4-Dioxane
Concen: 34.173 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.2	87.4
43	26.3	21.3	31.9





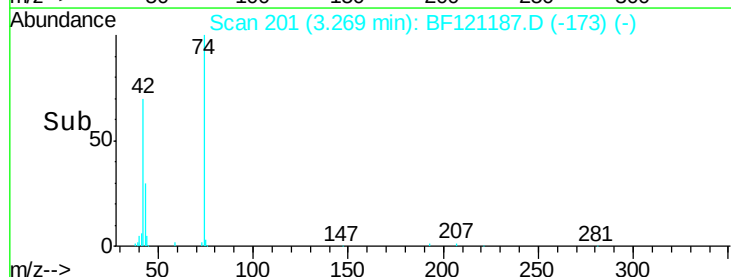
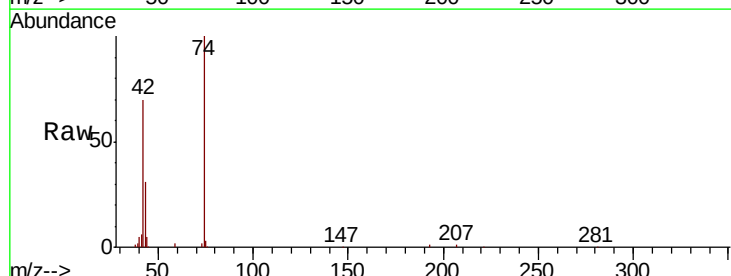
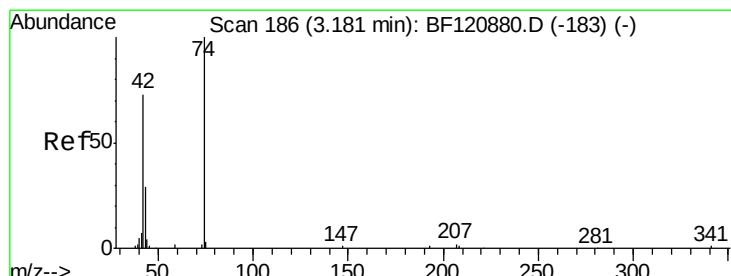
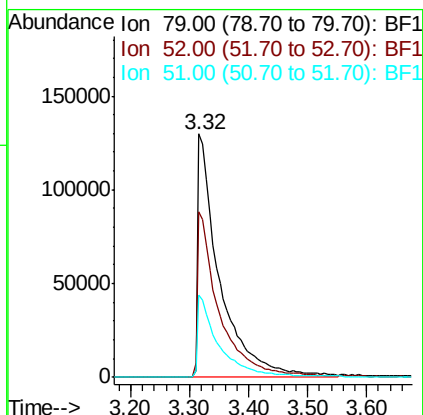
#3
Pvridine
Concen: 30.275 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.06 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		334152		
52	67.9	54.9	82.3		
51	33.9	27.4	41.0		

Instrument :
BNA_F
ClientSampleId :
PB130722BS

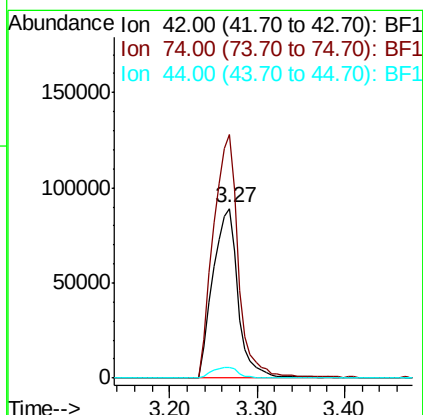
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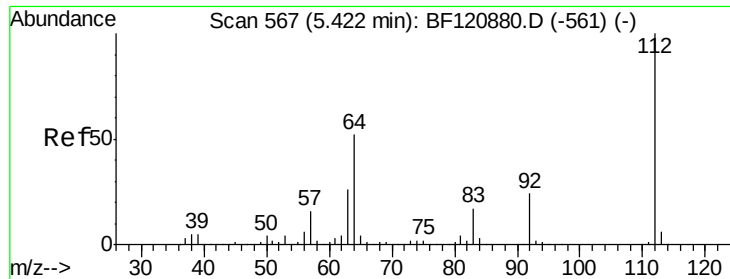
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#4
n-Nitrosodimethylamine
Concen: 37.949 ng
RT: 3.27 min Scan# 201
Delta R.T. 0.06 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		179104		
74	143.3	117.3	175.9		
44	6.6	5.9	8.9		





#5

2-Fluorophenol

Concen: 100.614 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

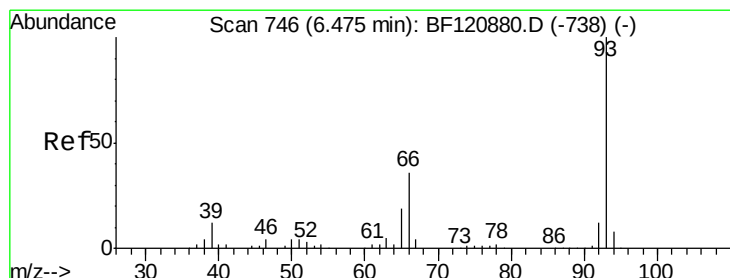
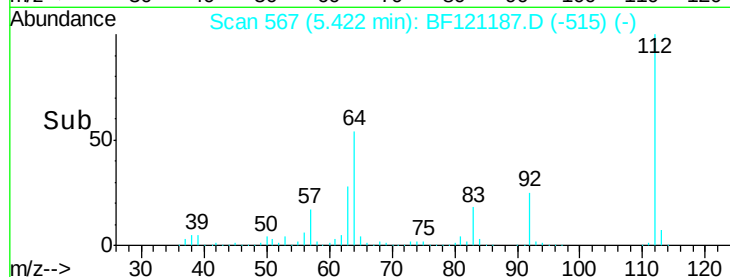
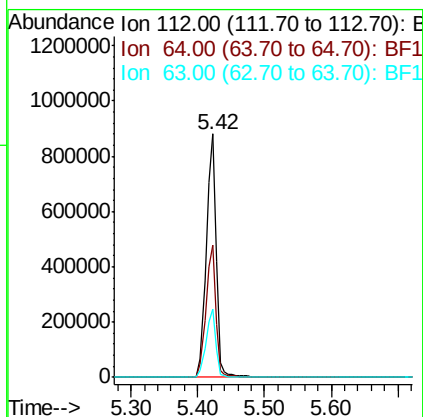
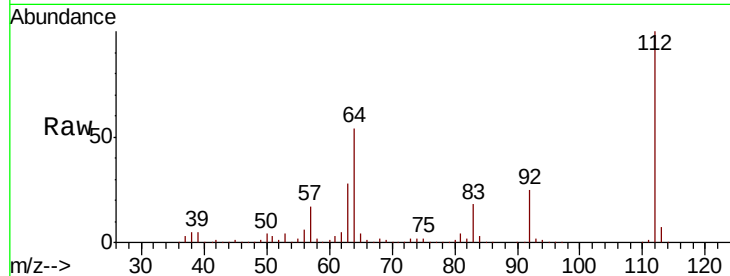
ClientSampleId :

PB130722BS

Tot Ion:	112	Resp:	907033
Ion Ratio	Lower	Upper	
112	100		
64	54.5	43.9	65.9
63	27.8	22.7	34.1

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#6

Aniline

Concen: 33.383 ng

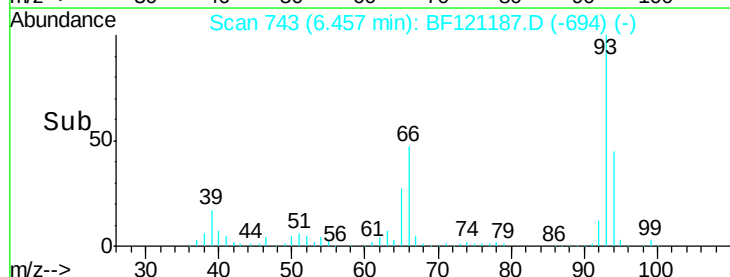
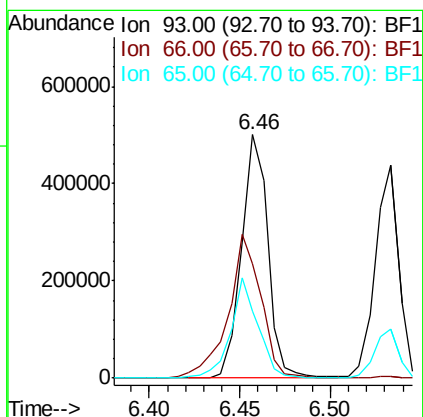
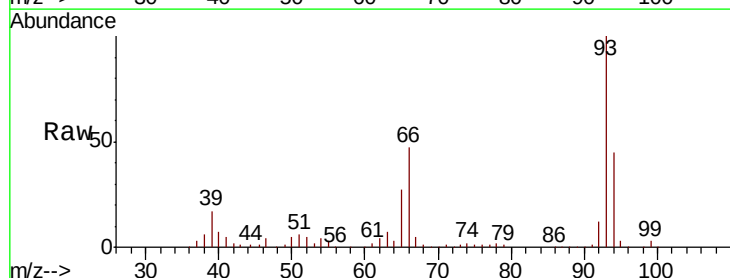
RT: 6.46 min Scan# 743

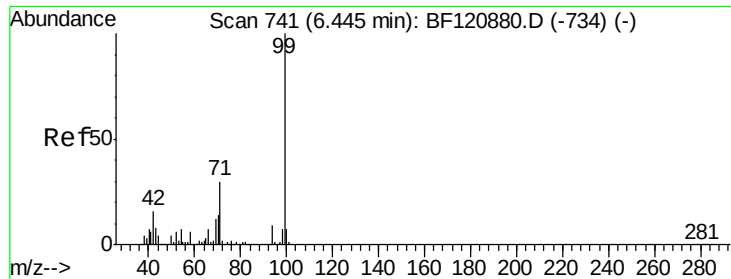
Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Tgt Ion:	93	Resp:	507451
Ion Ratio	Lower	Upper	
93	100		
66	47.0	31.0	46.4#
65	27.3	16.2	24.4#





#7

Phenol-d6

Concen: 94.957 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

Tot Ion: 99 Resp: 1105780

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

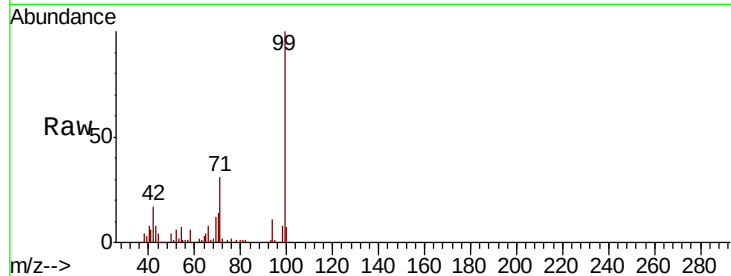
71 31.2 25.0 37.4

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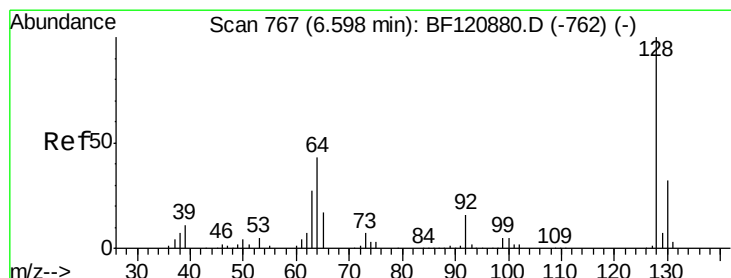
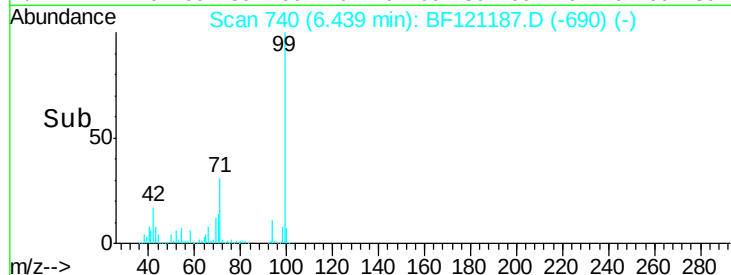
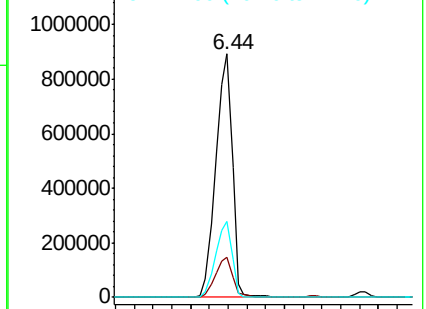
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.481 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

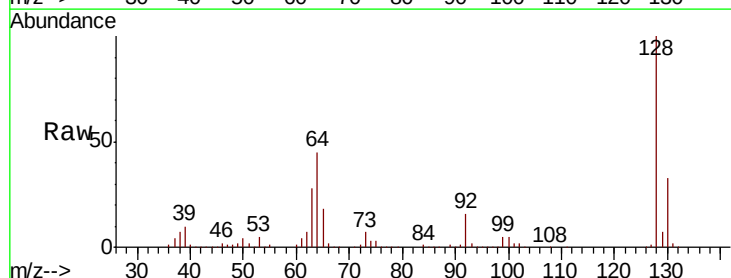
Tgt Ion: 128 Resp: 421892

Ion Ratio Lower Upper

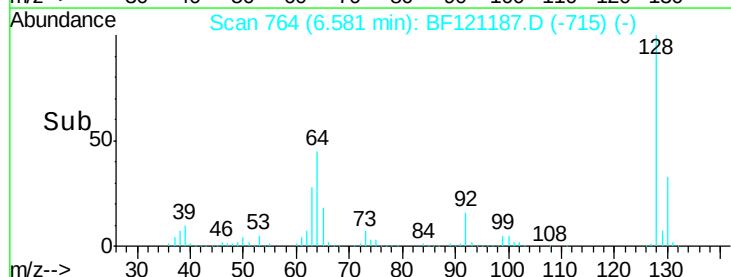
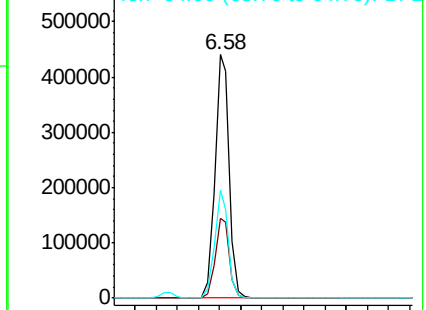
128 100

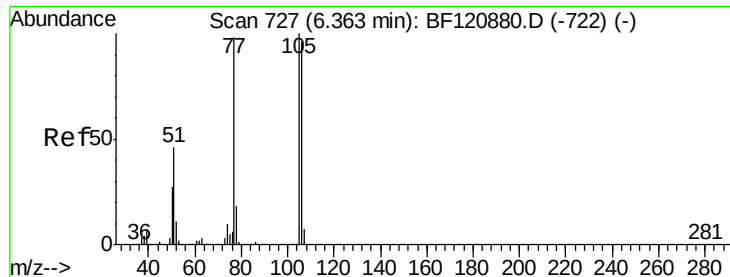
130 32.6 12.7 52.7

64 44.5 23.8 63.8



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: 49.846 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

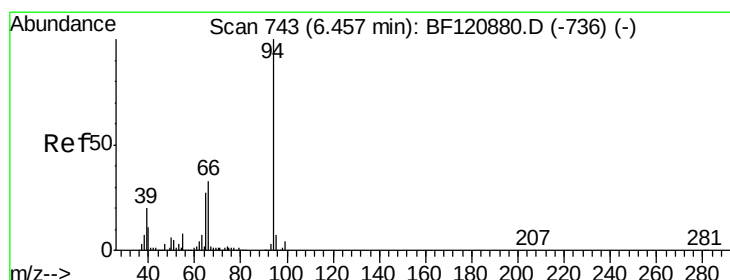
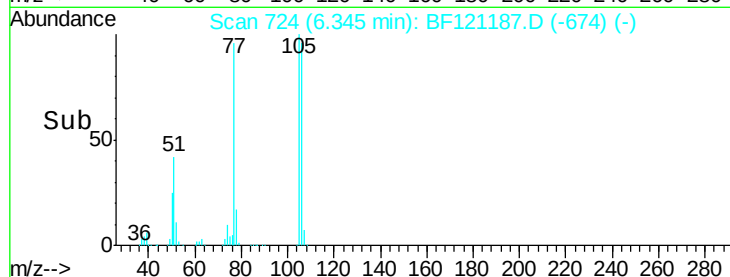
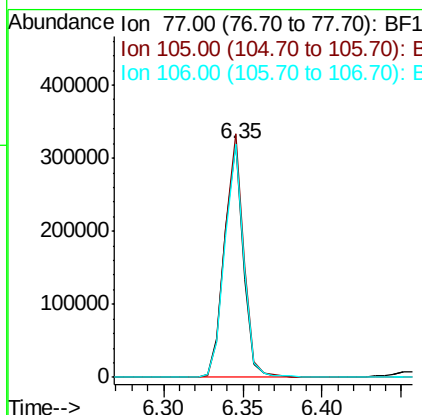
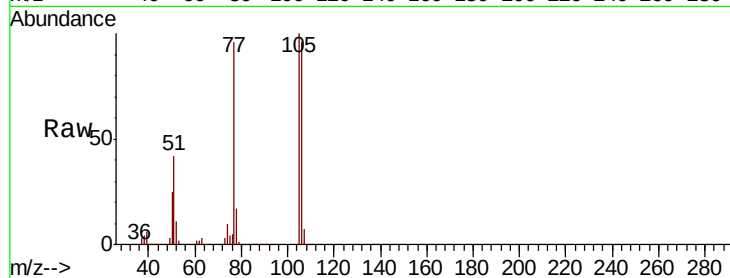
ClientSampleId :

PB130722BS

Tot Ion:	77	Resp:	263646
Ion	Ratio	Lower	Upper
77	100		
105	104.1	82.4	122.4
106	99.6	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 37.586 ng

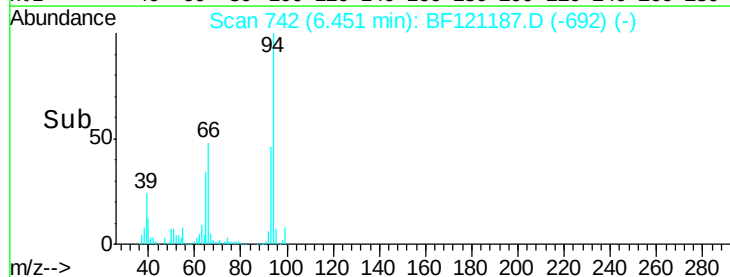
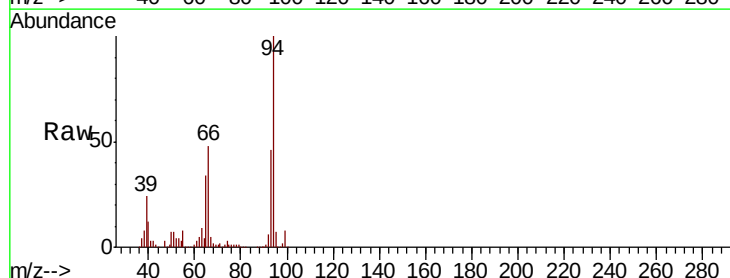
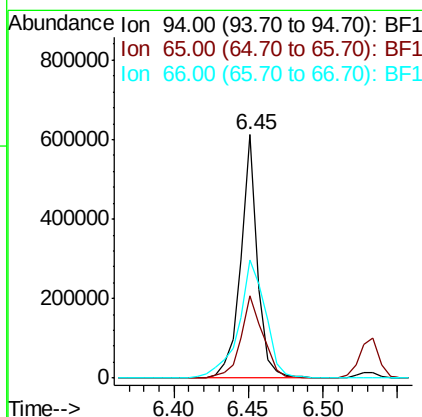
RT: 6.45 min Scan# 742

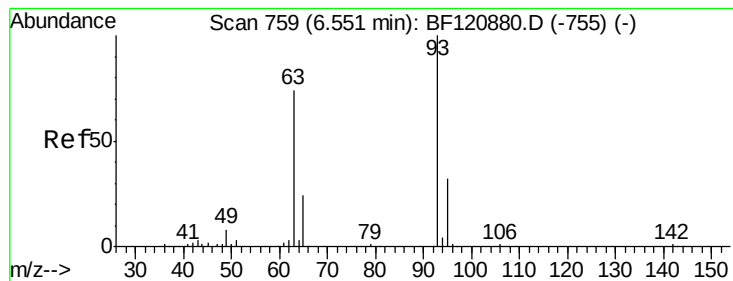
Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Tgt Ion:	94	Resp:	481473
Ion	Ratio	Lower	Upper
94	100		
65	33.9	12.6	52.6
66	48.5	25.6	65.6





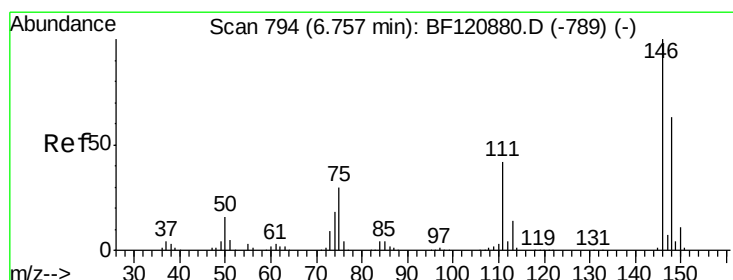
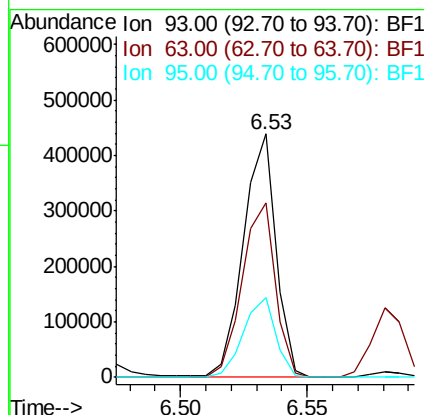
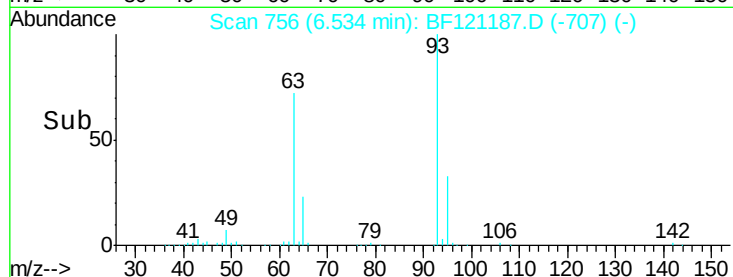
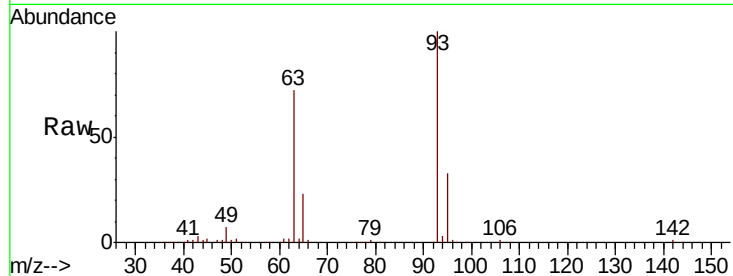
#11
bis(2-Chloroethyl)ether
Concen: 39.890 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion:	93	Resp:	391615
Ion Ratio	Lower	Upper	
93	100		
63	71.6	51.9	91.9
95	32.7	13.2	53.2

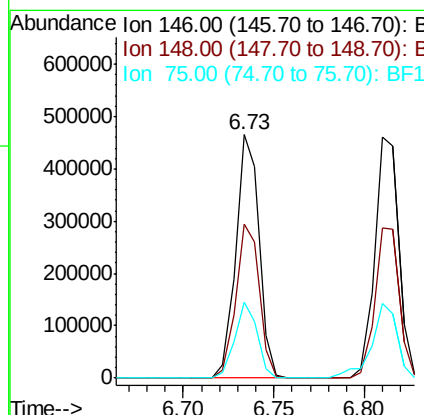
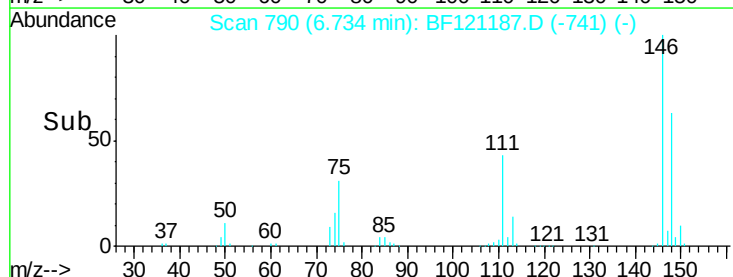
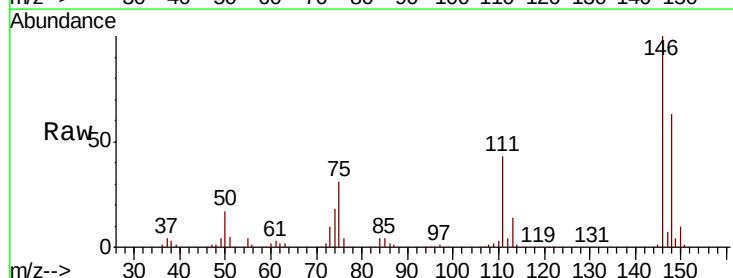
Manual Integrations
APPROVED

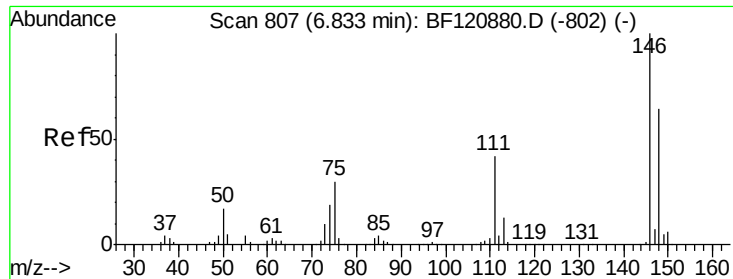
mohammad
8/6/2020 1:20:57 PM



#12
1,3-Dichlorobenzene
Concen: 38.595 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:	146	Resp:	415626
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.7	77.5
75	31.4	23.8	35.6





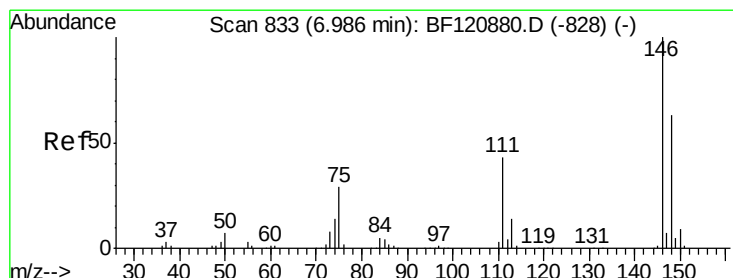
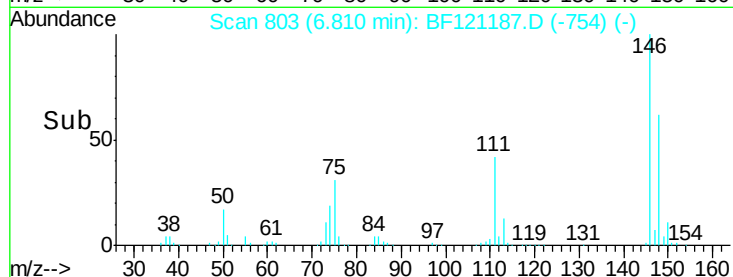
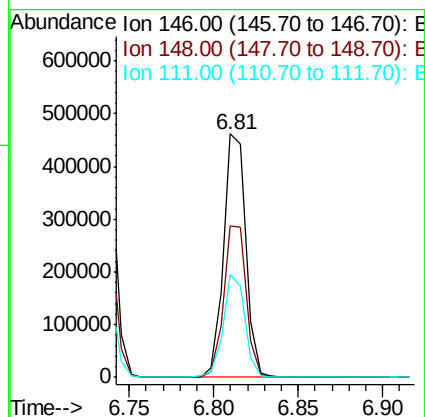
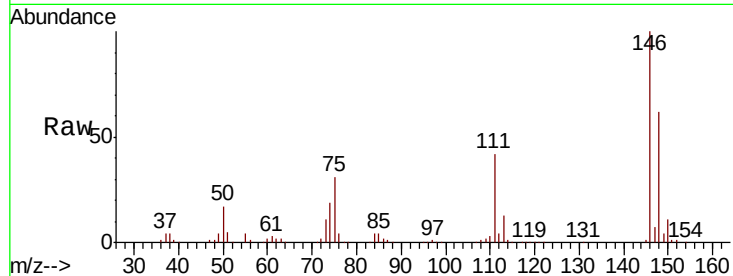
#13
 1,4-Dichlorobenzene
 Concen: 39.720 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		425329		
148	62.0	50.5	75.7		
111	42.1	32.8	49.2		

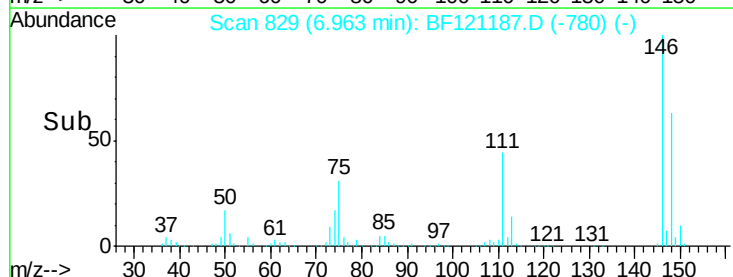
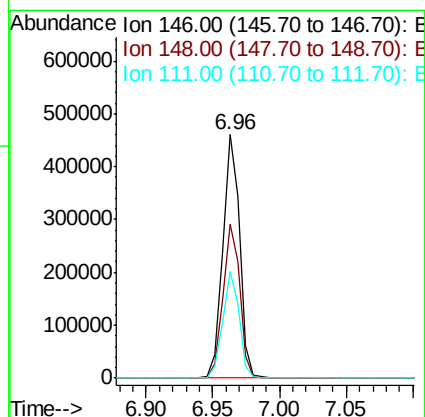
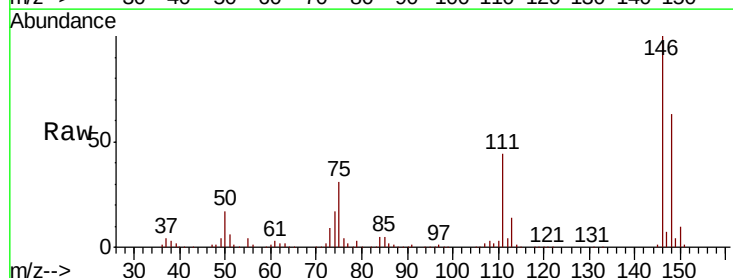
Manual Integrations
 APPROVED

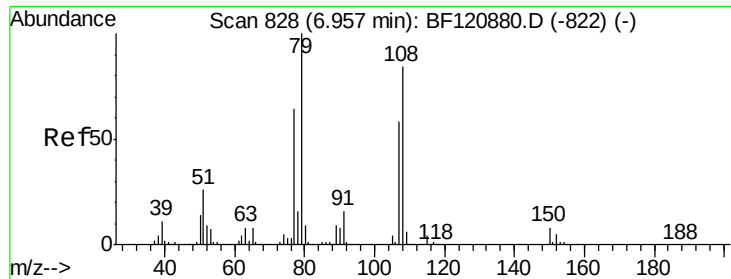
mohammad
 8/6/2020 1:20:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.553 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		410813		
148	63.3	50.8	76.2		
111	43.6	35.4	53.0		





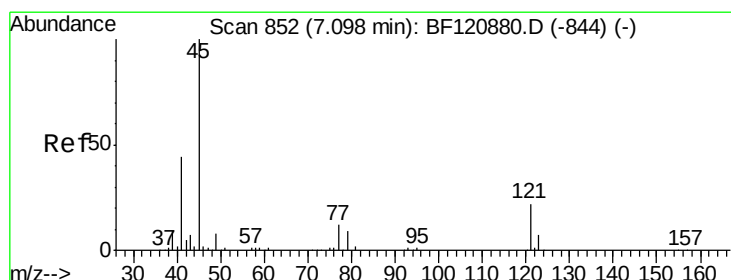
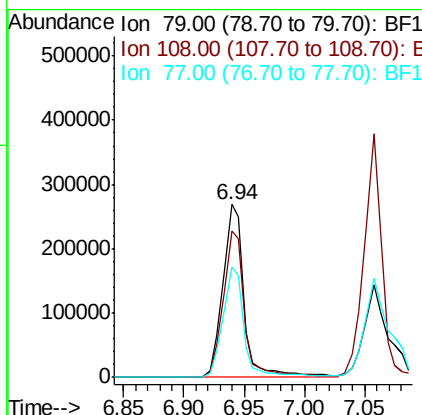
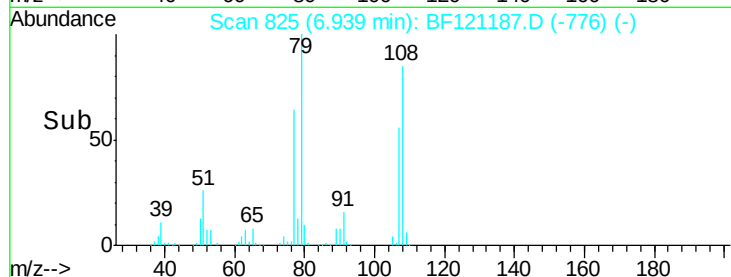
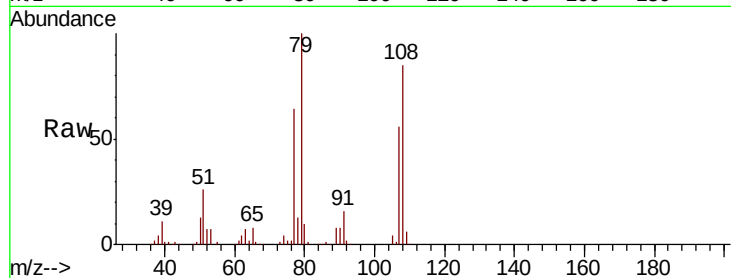
#15
Benzyl Alcohol
Concen: 39.962 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	68.6	103.0
77	64.1	51.4	77.2

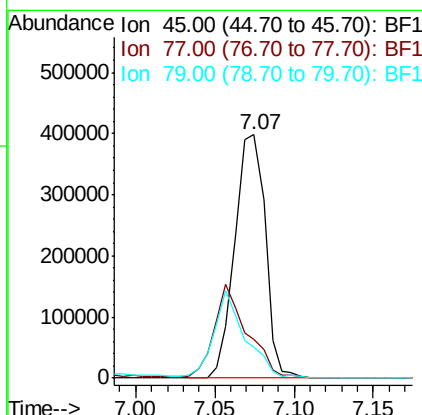
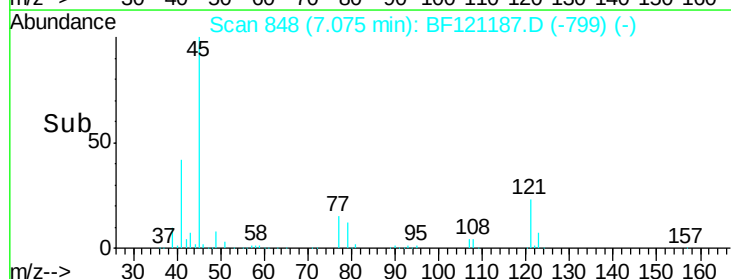
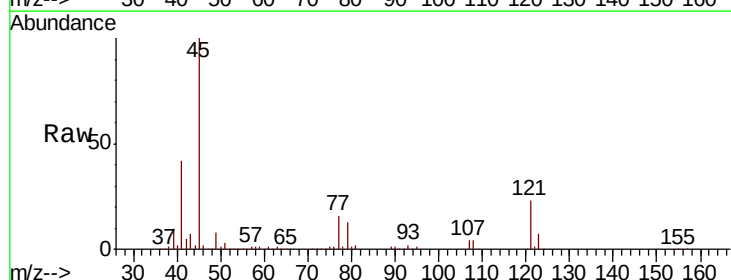
Manual Integrations
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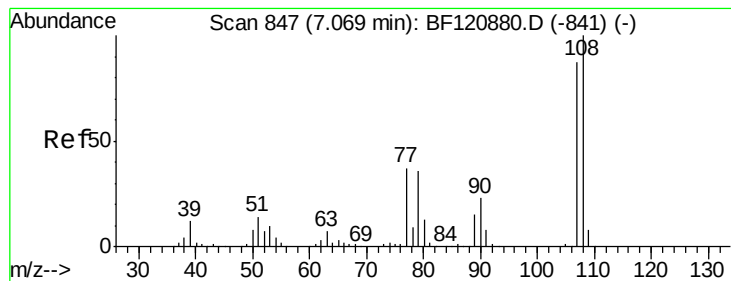
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.634 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	34.7
79	12.8	0.0	32.0





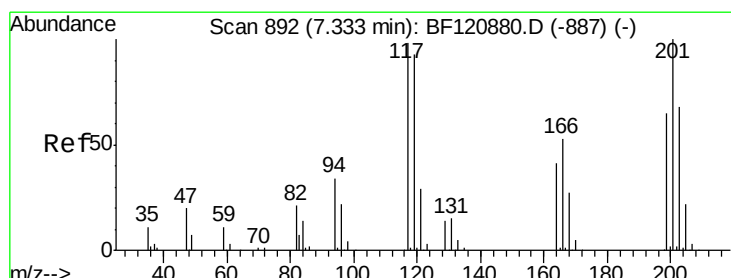
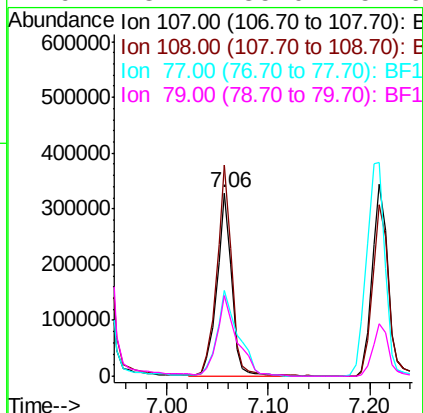
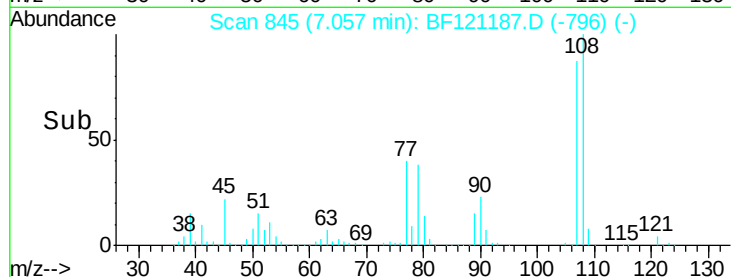
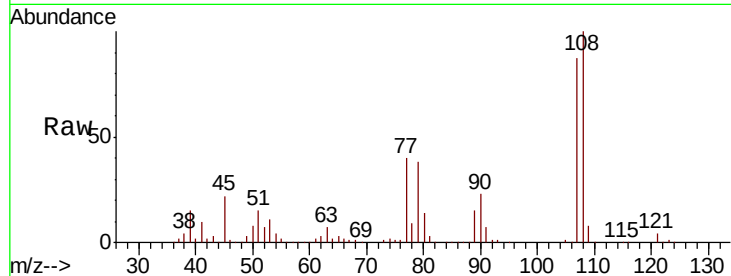
#17
2-Methylphenol
Concen: 38.058 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampled :
PB130722BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	115.1	91.2	136.8		
77	46.5	36.5	54.7		
79	43.7	35.0	52.6		

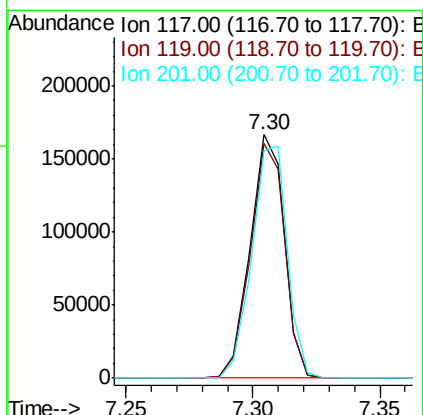
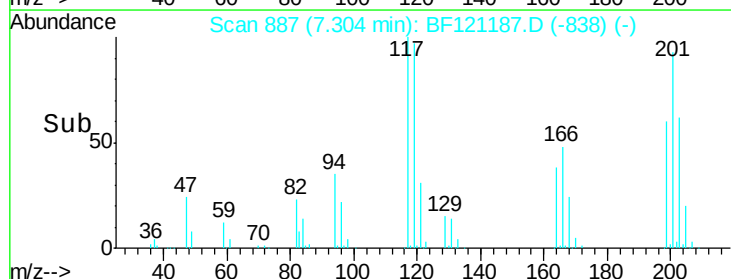
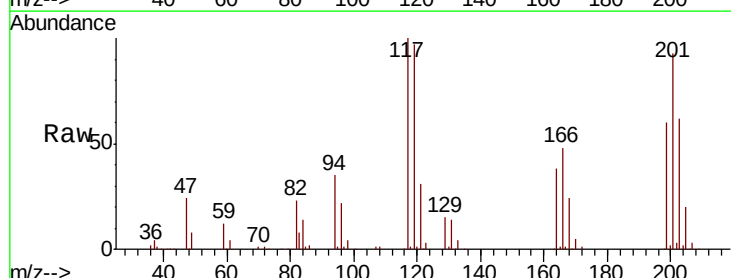
Manual Integrations
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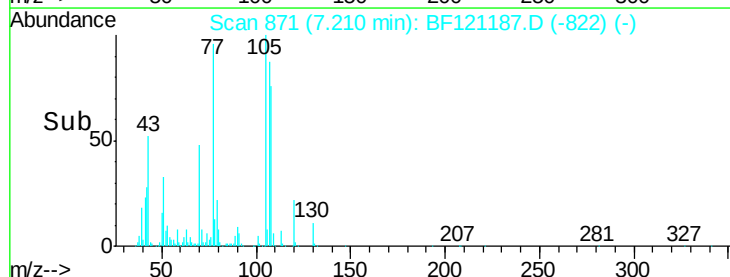
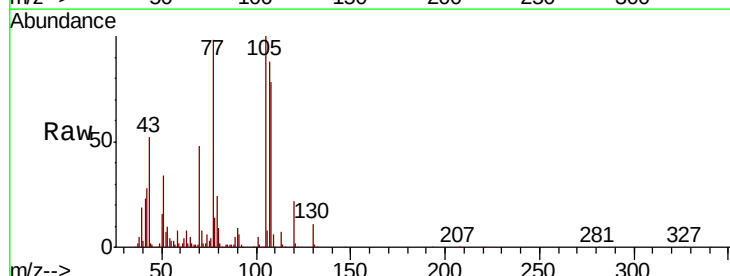
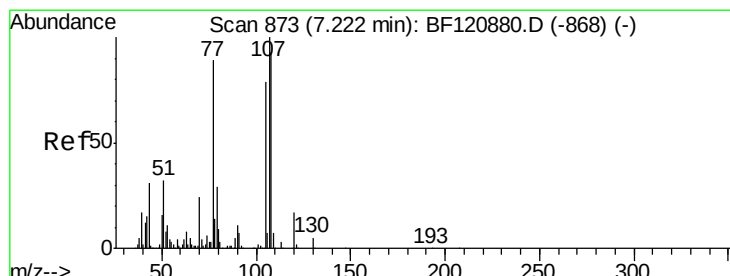
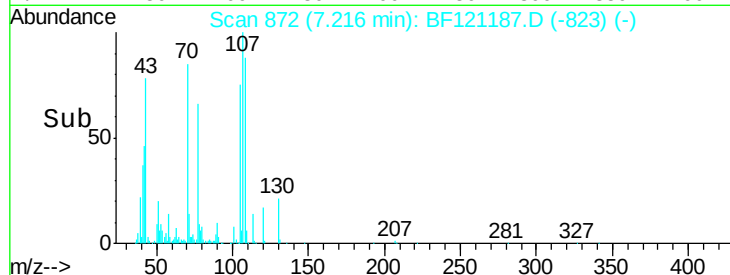
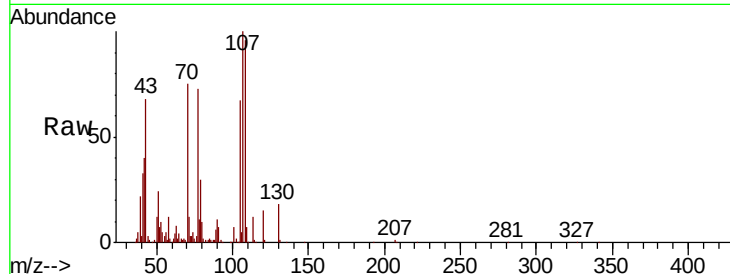
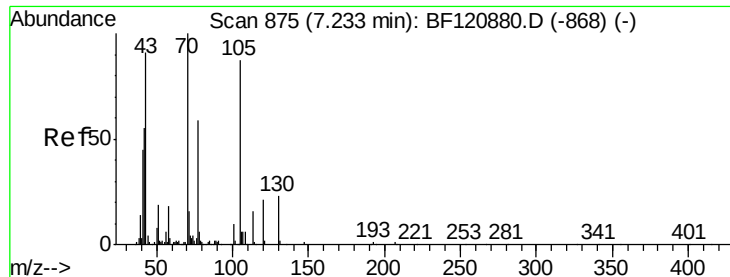
mohammad
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#18
Hexachloroethane
Concen: 40.500 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.5	76.6	114.8		
201	93.4	75.0	112.4		





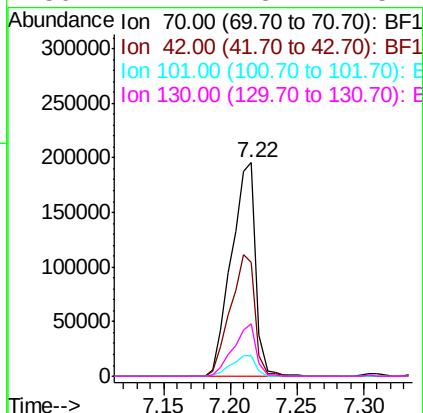
#19
n-Nitroso-di-n-propylamine
Concen: 37.925 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		251132		
42	53.6	43.3	64.9		
101	9.7	8.4	12.6		
130	24.4	18.7	28.1		

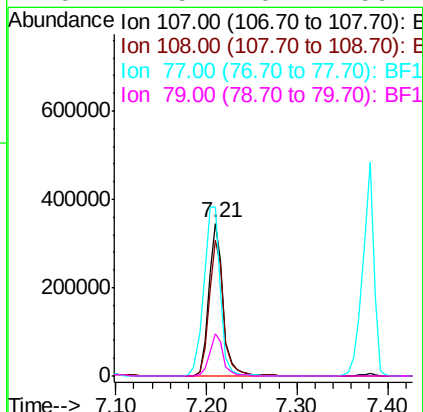
Manual Integrations
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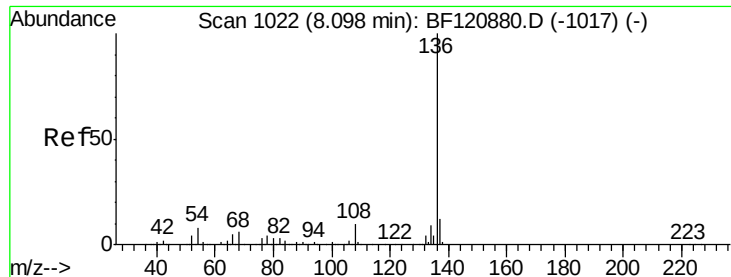
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#20
3+4-Methylphenols
Concen: 33.987 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		380567		
108	88.9	73.7	113.7		
77	110.9	84.9	124.9		
79	27.5	10.7	50.7		





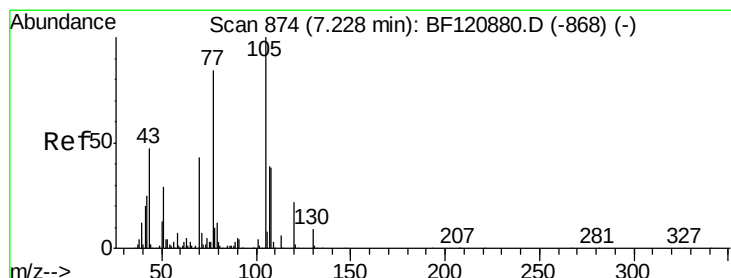
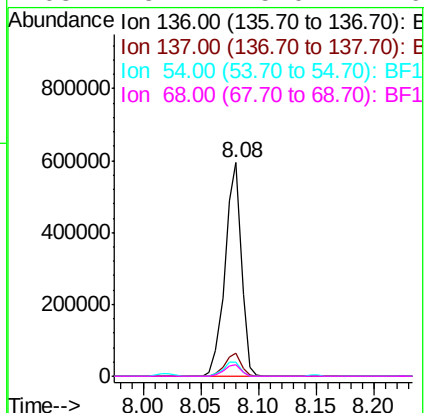
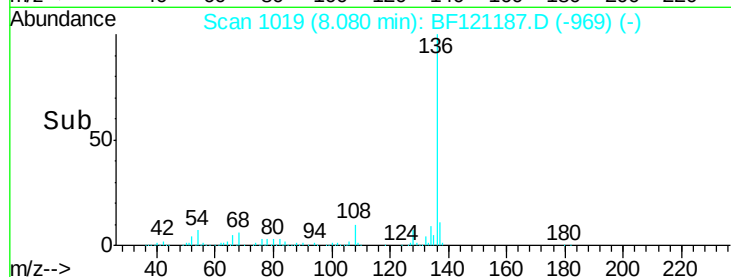
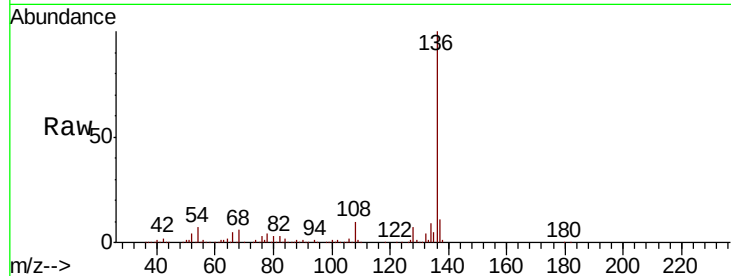
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.7	6.1	9.1
68	5.7	5.0	7.6

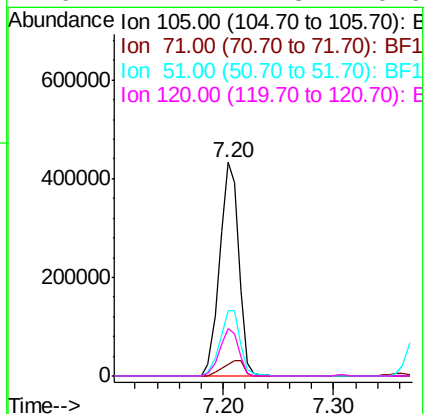
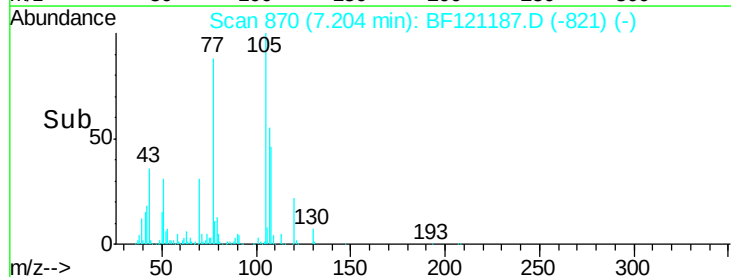
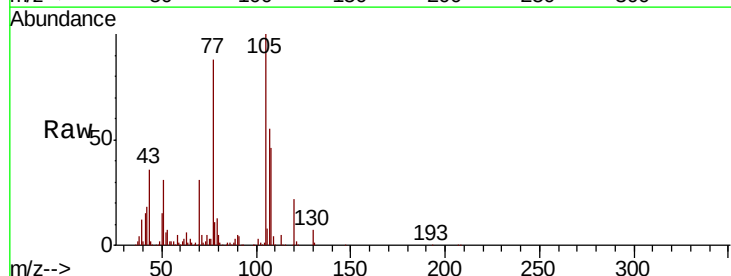
Manual Integrations
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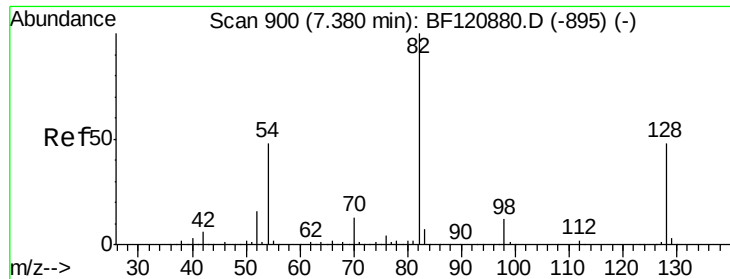
mohammad
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#22
Acetophenone
Concen: 40.361 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.8	5.8
51	30.6	28.0	42.0
120	22.4	17.8	26.6





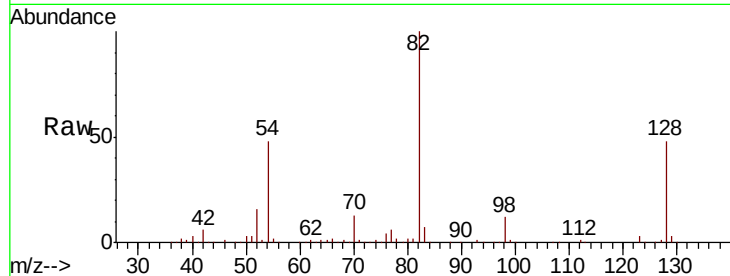
#23
 Nitrobenzene-d5
 Concen: 74.376 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

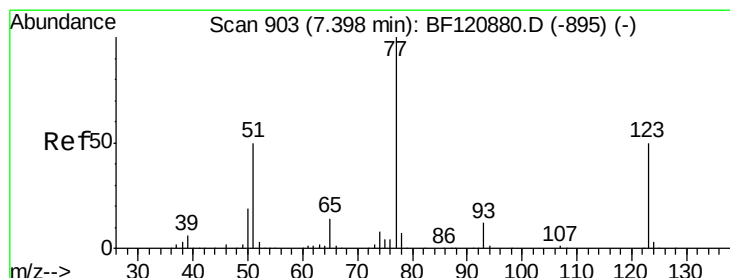
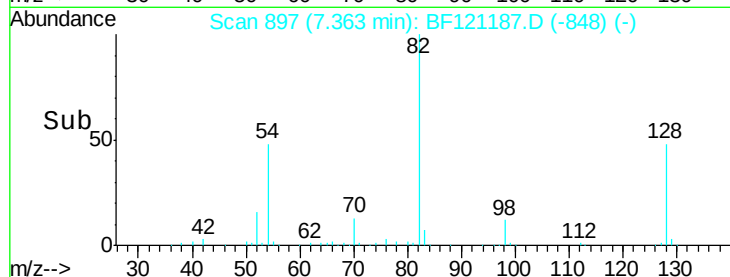
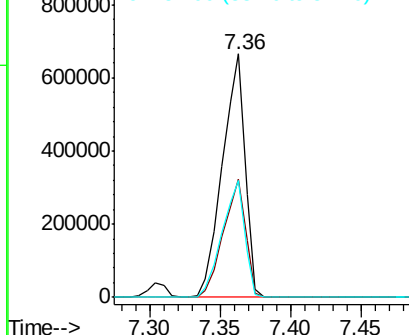
Tot Ion	82	Resp	743012
Ion	Ratio	Lower	Upper
82	100		
128	48.4	39.2	58.8
54	47.8	37.8	56.8

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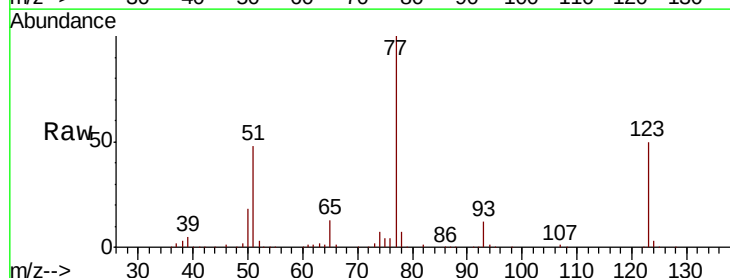


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

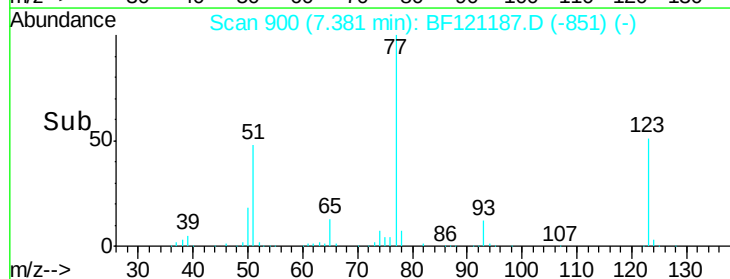
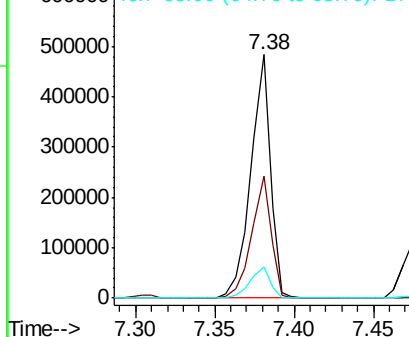


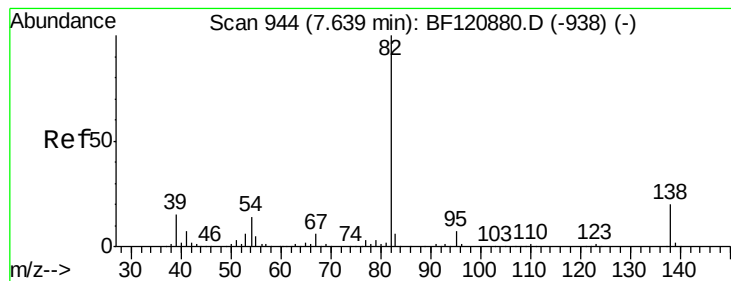
#24
 Nitrobenzene
 Concen: 38.496 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	77	Resp	414488
Ion	Ratio	Lower	Upper
77	100		
123	50.2	41.0	61.6
65	13.0	10.3	15.5



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





#25

Isophorone

Concen: 38.434 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

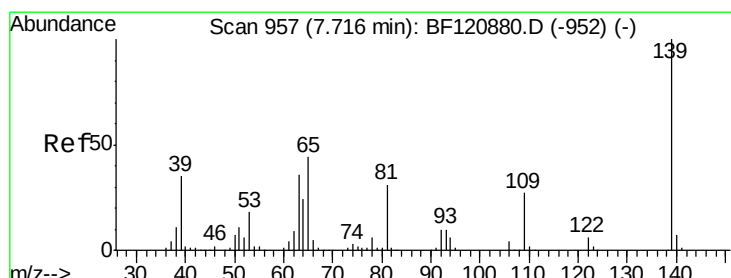
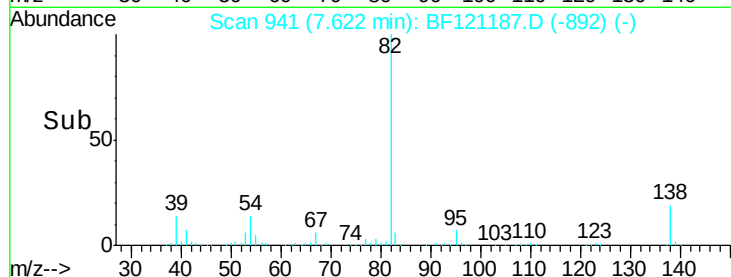
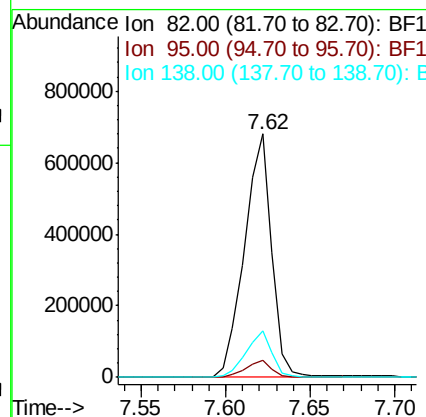
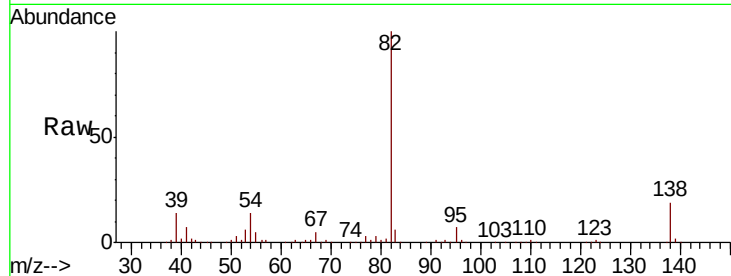
ClientSampleId :

PB130722BS

Tot Ion:	82	Resp:	766277
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.5	8.3
138	19.3	16.2	24.2

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#26

2-Nitrophenol

Concen: 44.593 ng

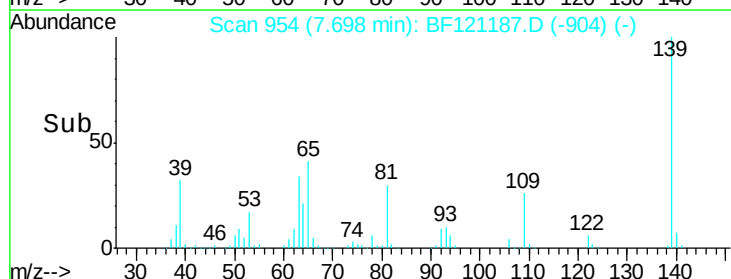
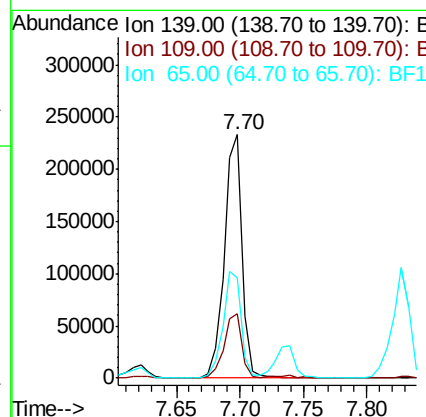
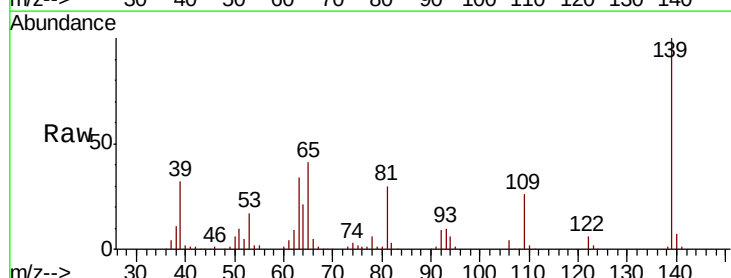
RT: 7.70 min Scan# 954

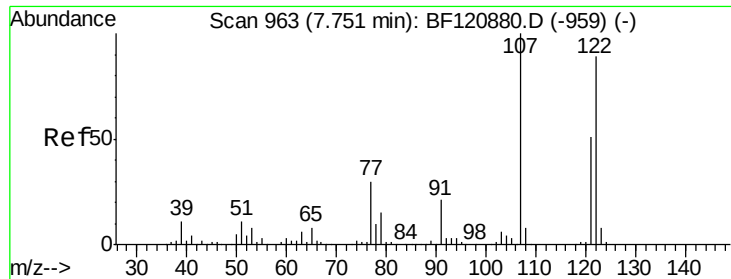
Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Tgt Ion:	139	Resp:	228036
Ion Ratio		Lower	Upper
139	100		
109	26.3	21.7	32.5
65	41.4	36.3	54.5





#27

2,4-Dimethylphenol

Concen: 43.742 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

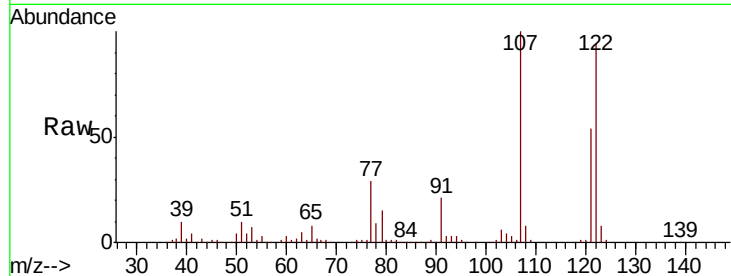
ClientSampleId :

PB130722BS

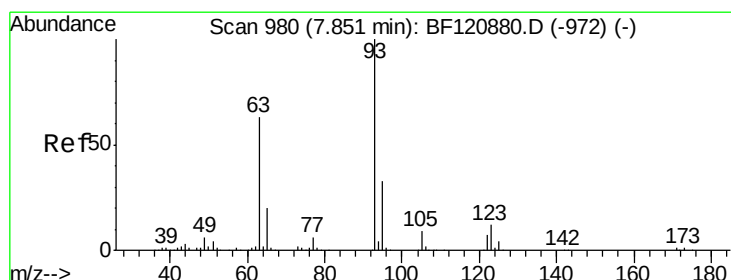
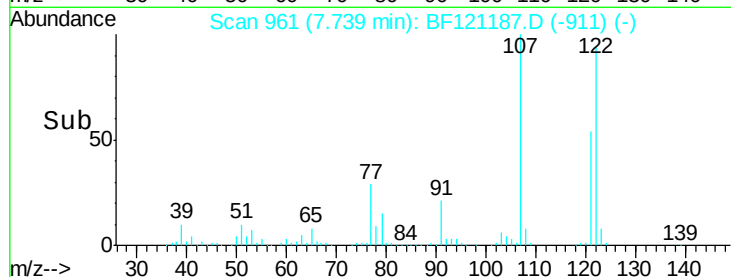
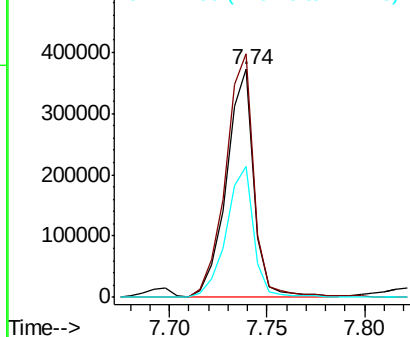
Tot Ion:	122	Resp:	363174
Ion Ratio	Lower	Upper	
122	100		
107	106.8	87.1	130.7
121	57.3	45.5	68.3

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.860 ng

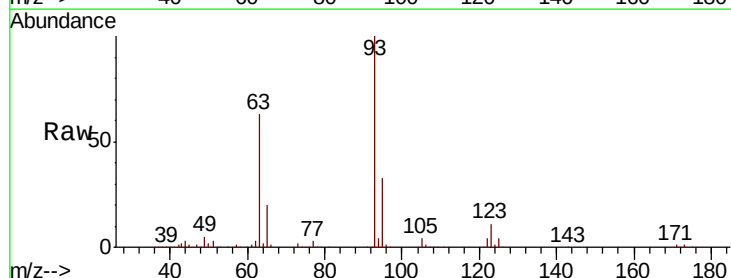
RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

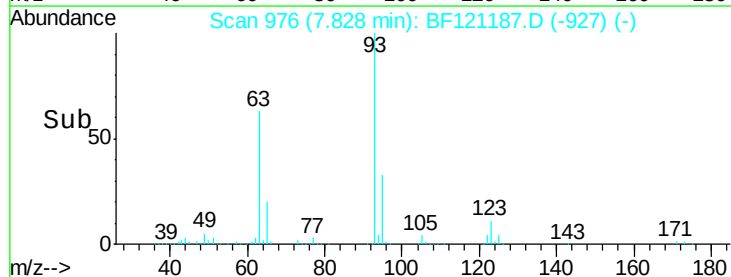
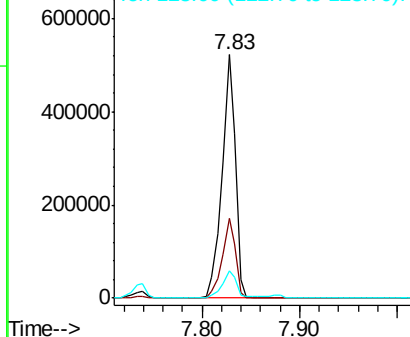
Lab File: BF121187.D

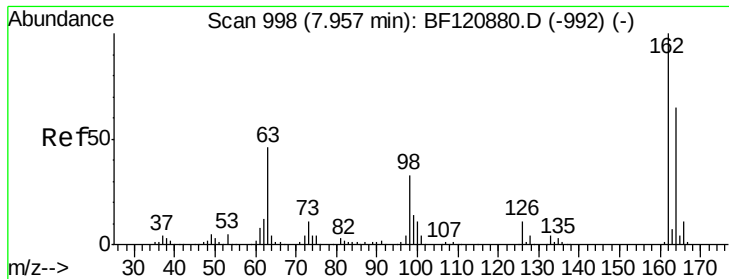
Acq: 5 Aug 2020 11:26

Tgt Ion:	93	Resp:	497278
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.4
123	11.3	9.5	14.3



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





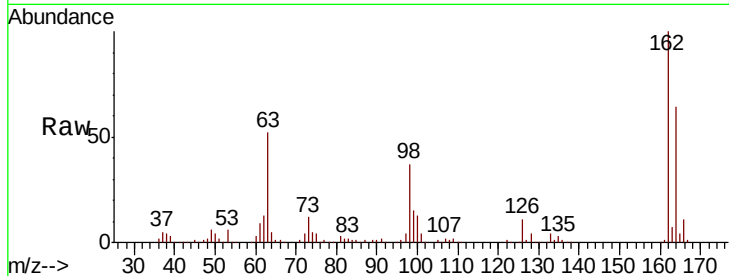
#29
 2,4-Dichlorophenol
 Concen: 40.880 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	346830		
164	63.7	44.7	84.7	
98	36.8	14.2	54.2	

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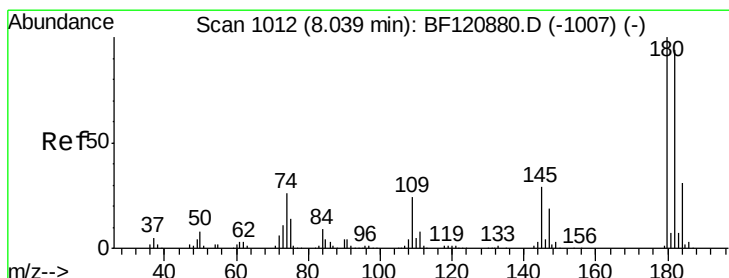
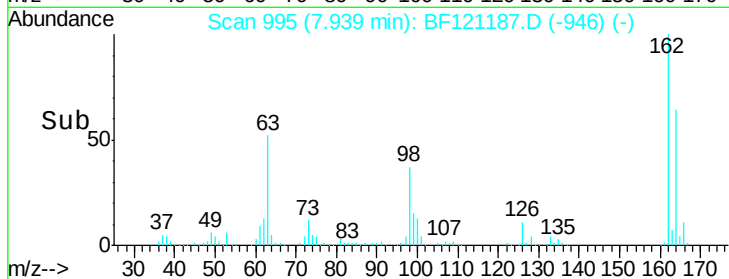
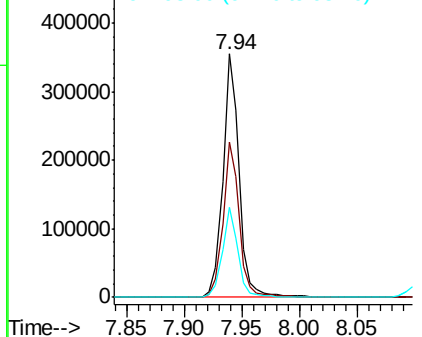


Abundance

Ion 162.00 (161.70 to 162.70): E

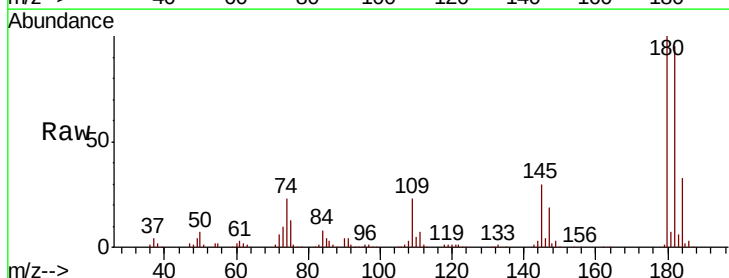
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.443 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371265		
182	94.7	76.4	114.6	
145	29.7	24.2	36.4	

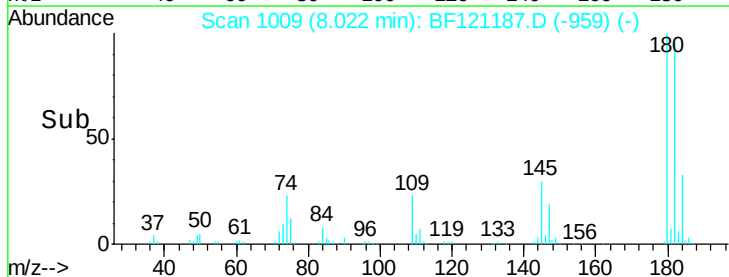
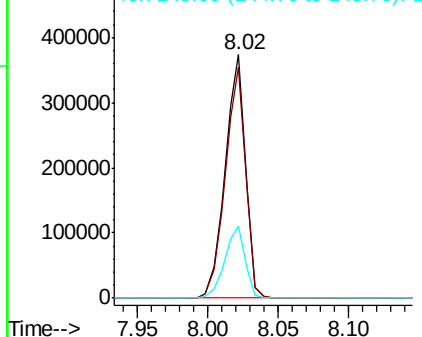


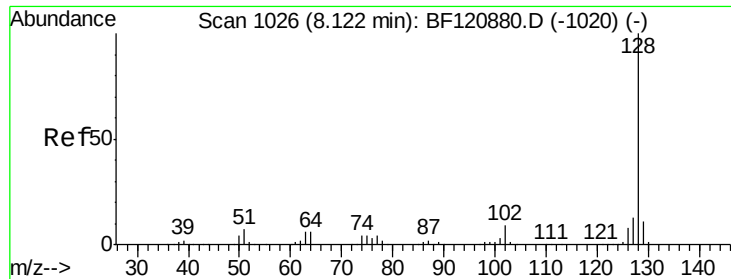
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





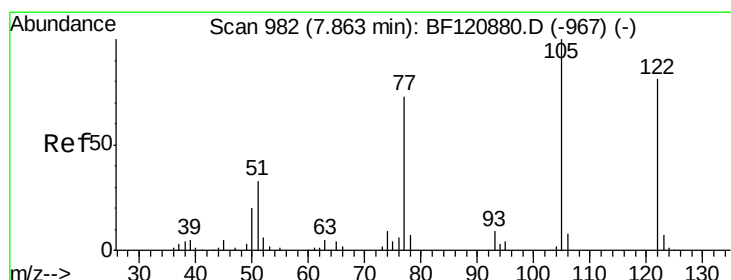
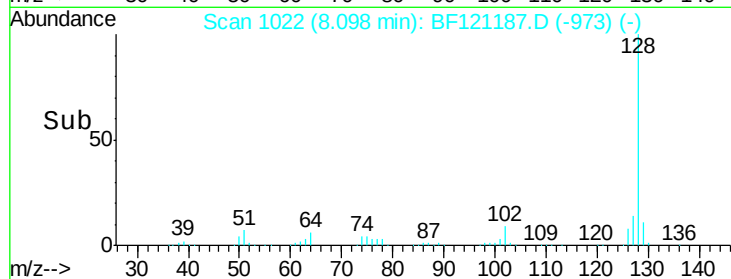
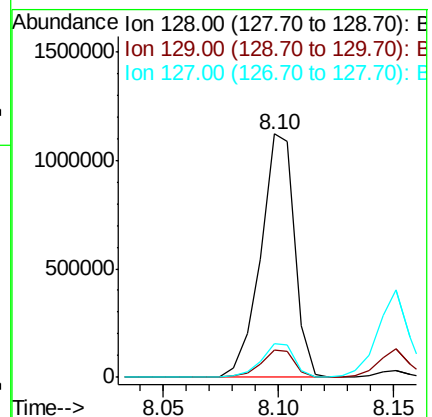
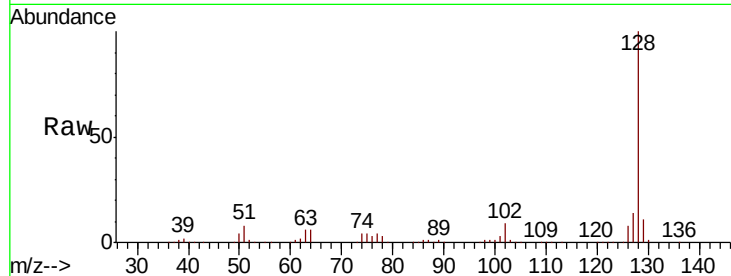
#31
Naphthalene
Concen: 38.773 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.6	10.8	16.2

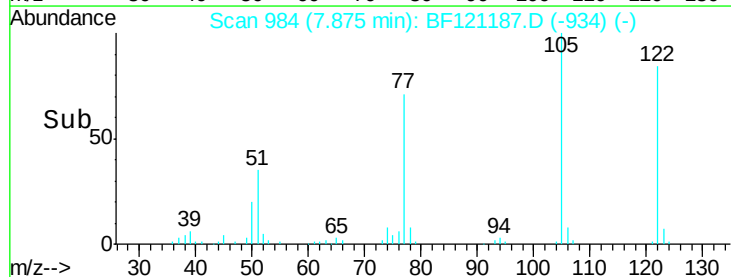
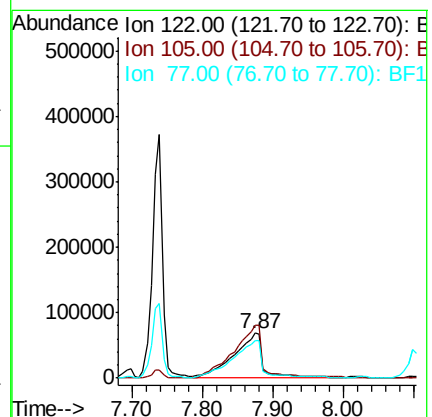
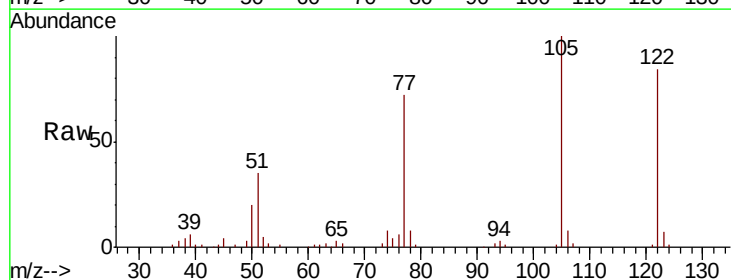
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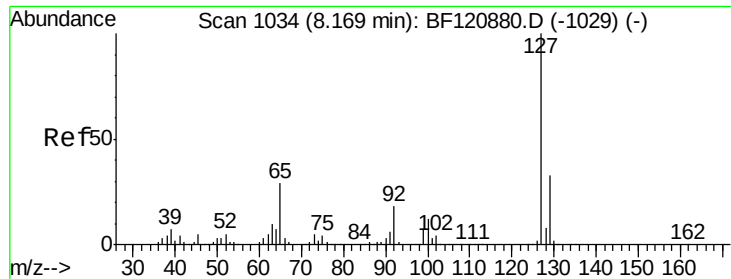
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#32
Benzoic acid
Concen: 30.797 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	100.9	140.9
77	85.1	67.8	107.8





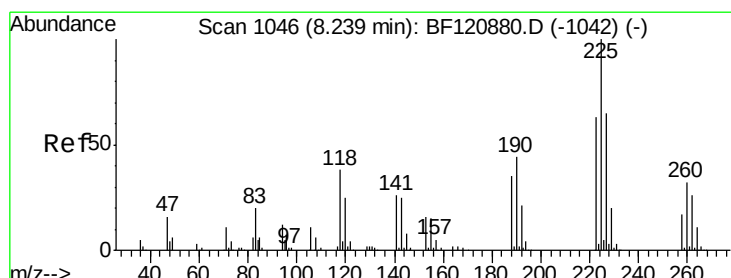
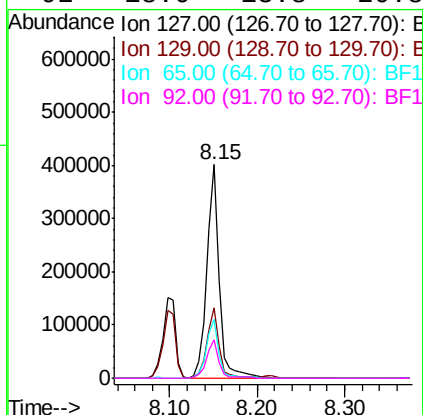
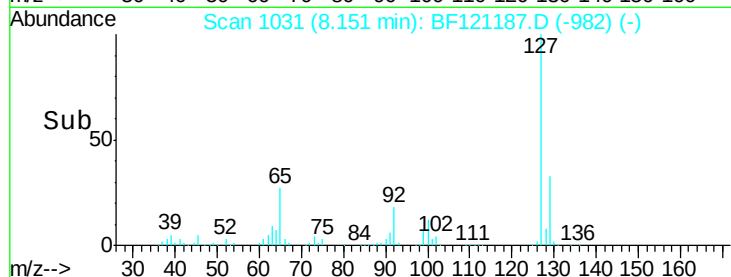
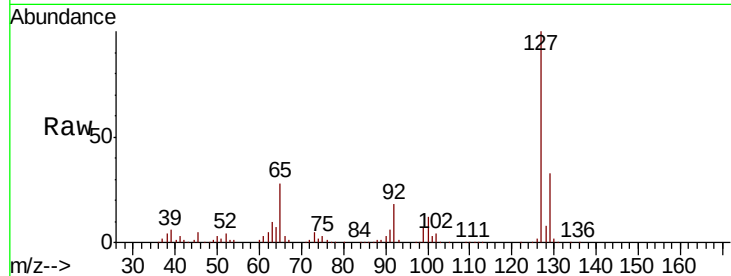
#33
4-Chloroaniline
Concen: 30.039 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.2		
65	27.6	21.4	32.0		
92	18.0	13.8	20.8		

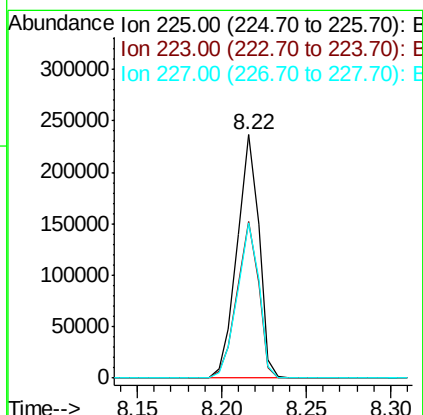
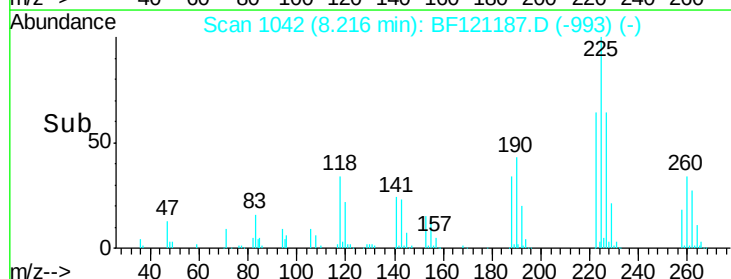
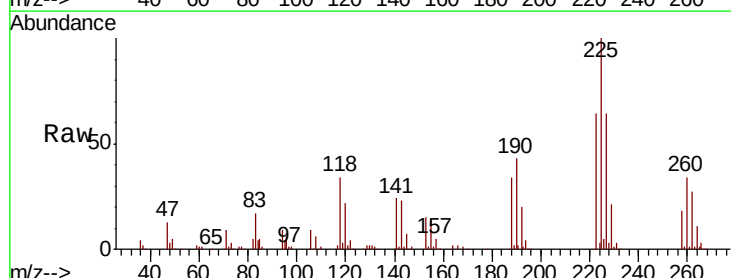
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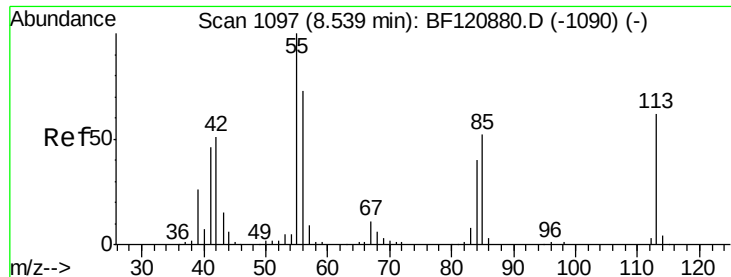
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#34
Hexachlorobutadiene
Concen: 38.443 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	49.7	74.5		
227	63.9	51.4	77.0		





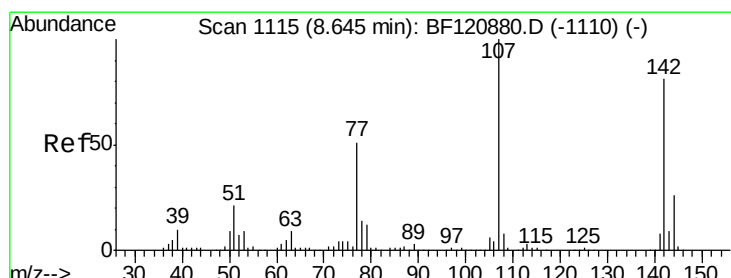
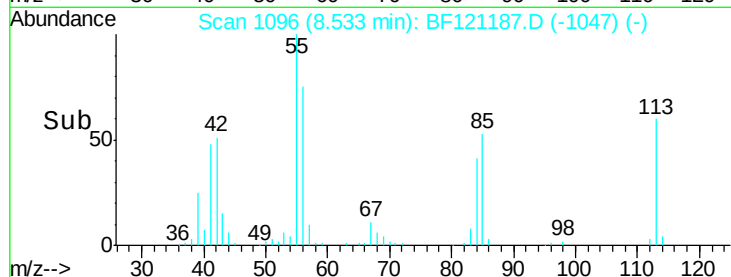
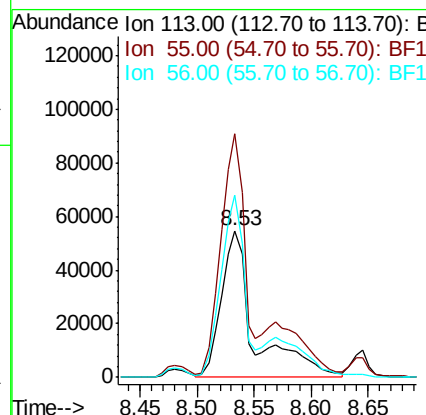
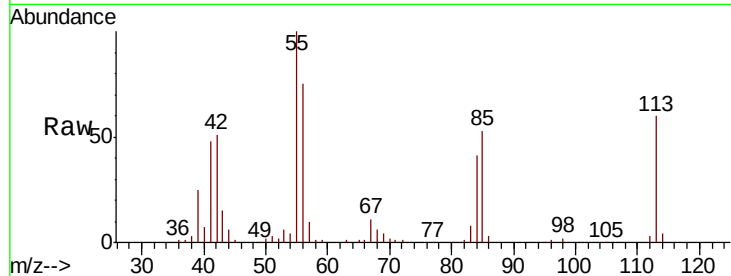
#35
 Caprolactam
 Concen: 40.566 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.2	131.0	171.0
56	124.0	90.4	130.4

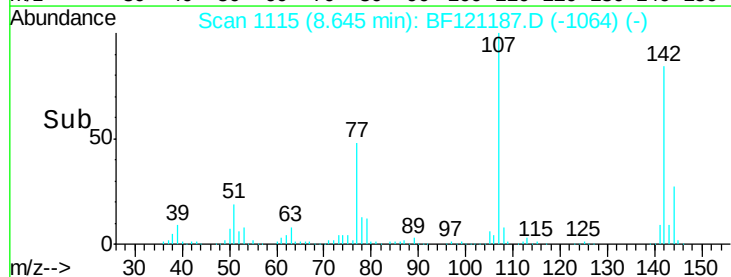
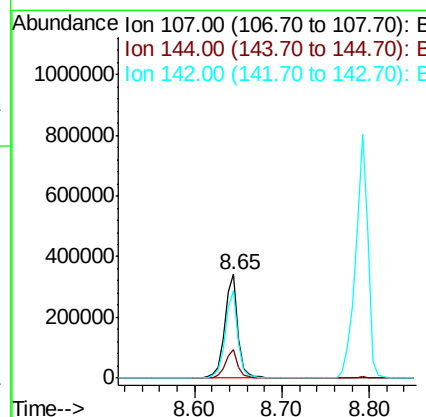
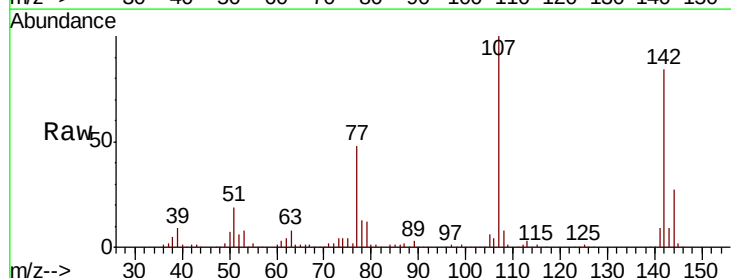
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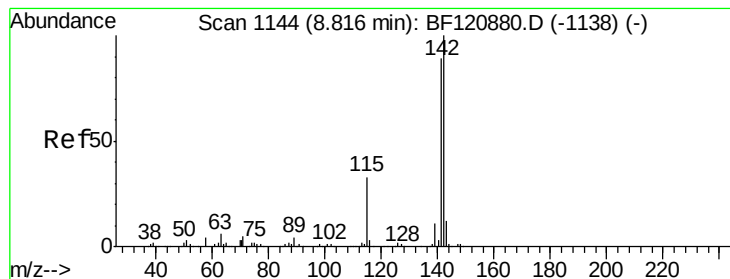
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#36
 4-Chloro-3-methylphenol
 Concen: 40.905 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.9	31.3
142	84.4	64.5	96.7





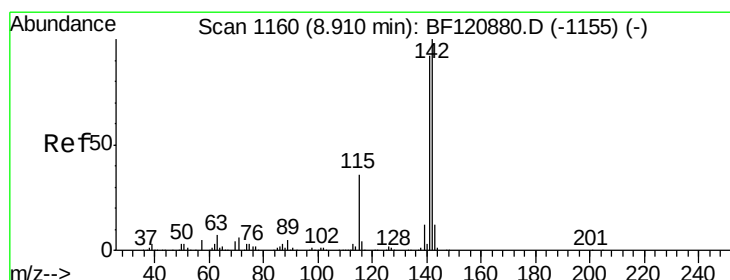
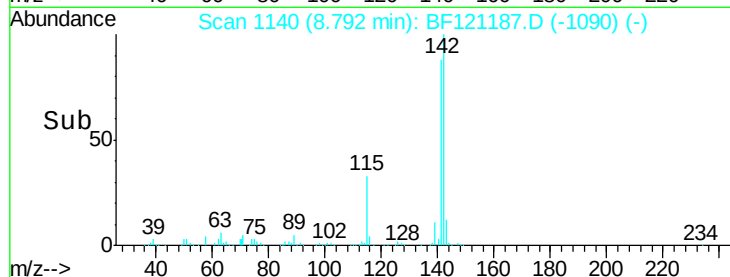
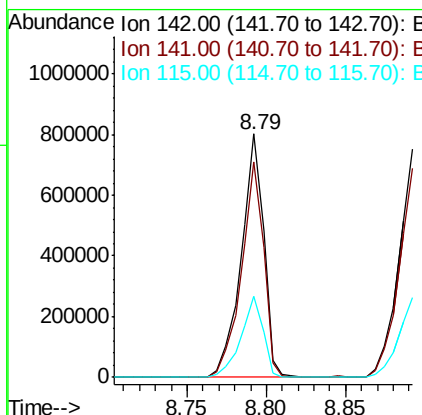
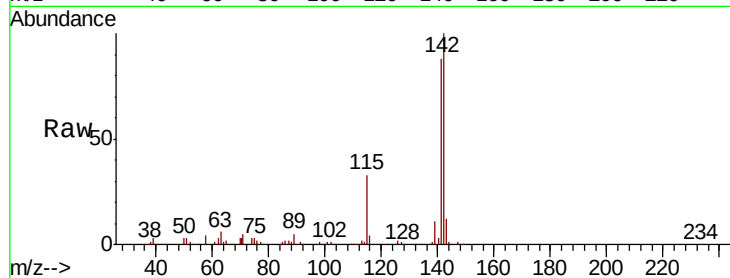
#37
2-Methylnaphthalene
Concen: 40.841 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	33.1	27.1	40.7

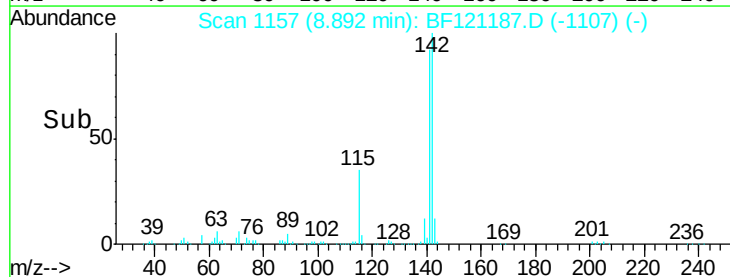
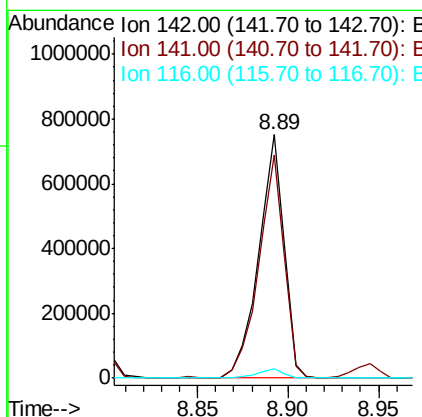
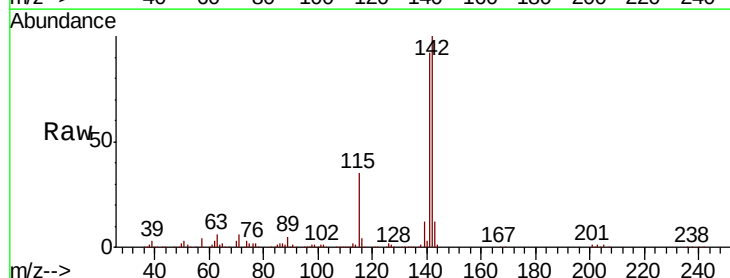
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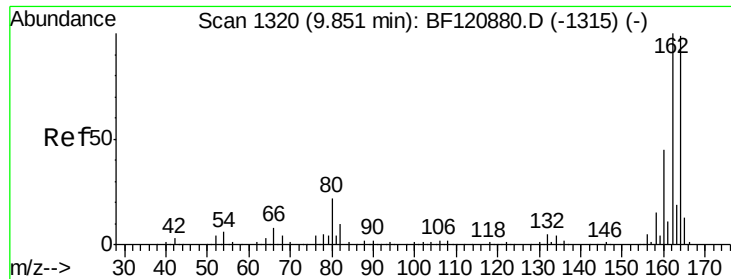
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#38
1-Methylnaphthalene
Concen: 40.340 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

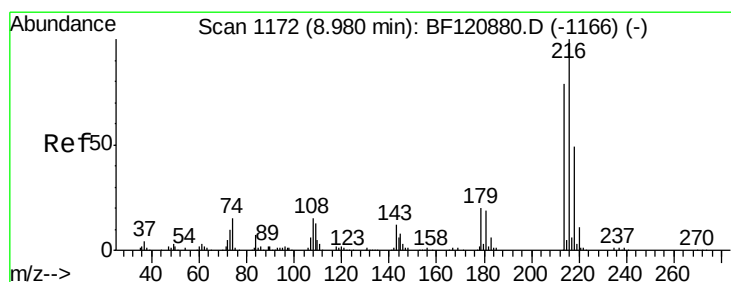
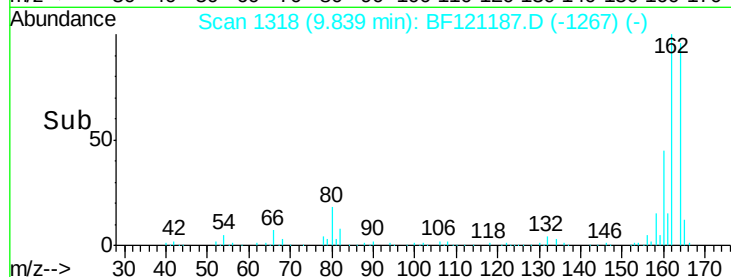
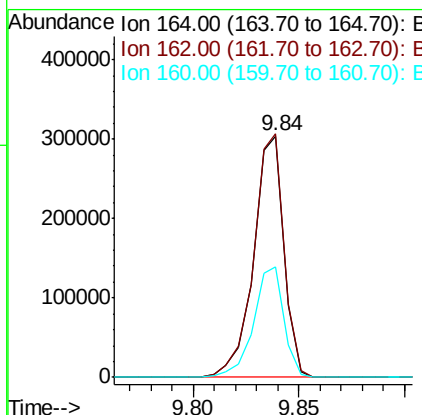
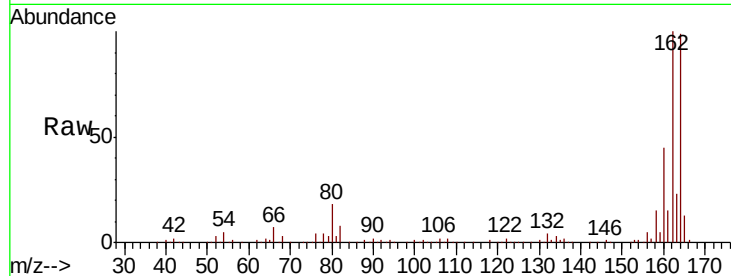
ClientSampleId :

PB130722BS

Tot Ion:	164	Resp:	303856
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.2	123.2
160	45.8	37.2	55.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.543 ng

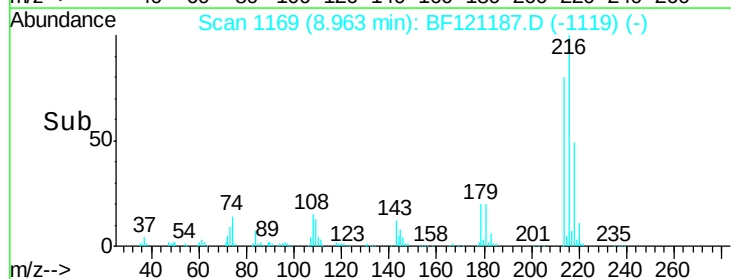
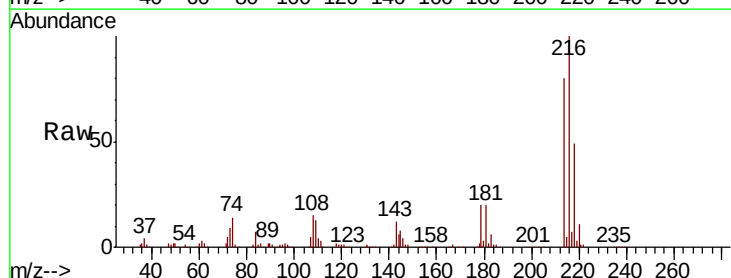
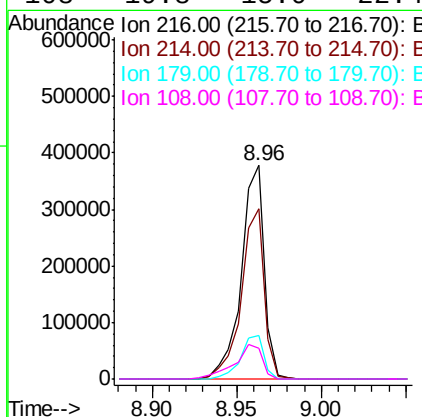
RT: 8.96 min Scan# 1169

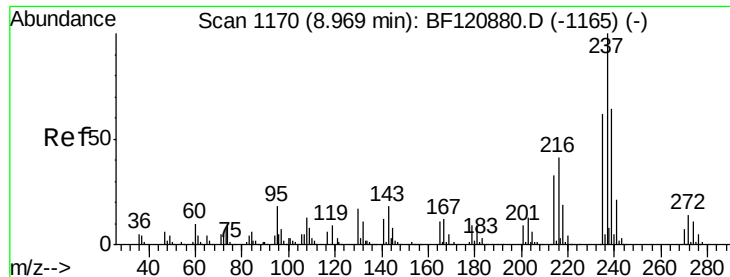
Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Tgt Ion:	216	Resp:	358929
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.9	95.9
179	20.6	16.6	24.8
108	19.8	15.0	22.4





#41

Hexachlorocyclopentadiene

Concen: 74.537 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

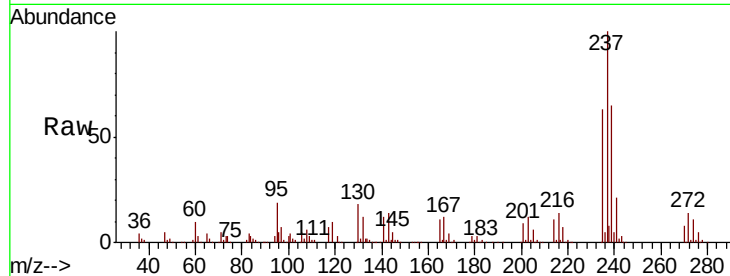
ClientSampleId :

PB130722BS

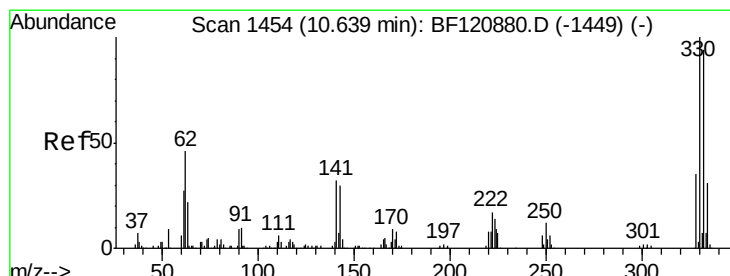
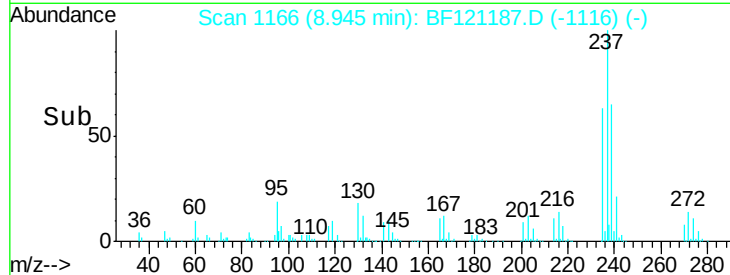
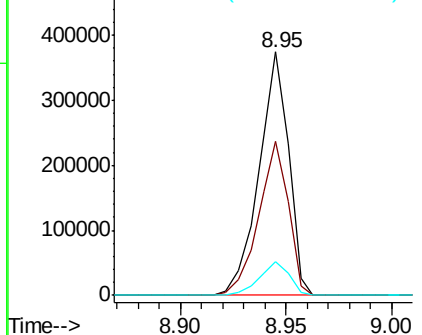
Tot Ion:	237	Resp:	364701
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.2	83.2
272	13.9	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 103.840 ng

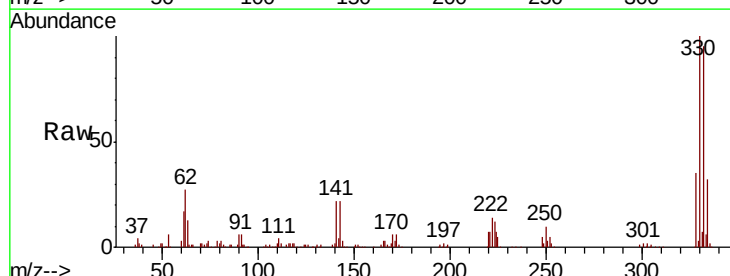
RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

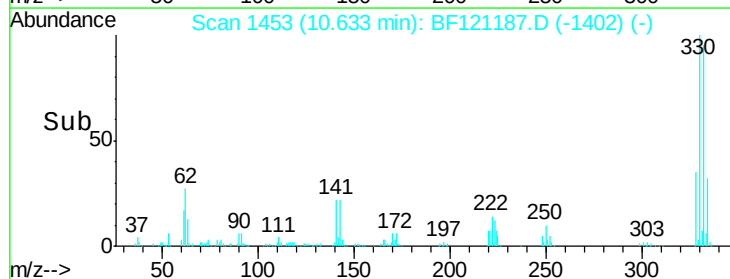
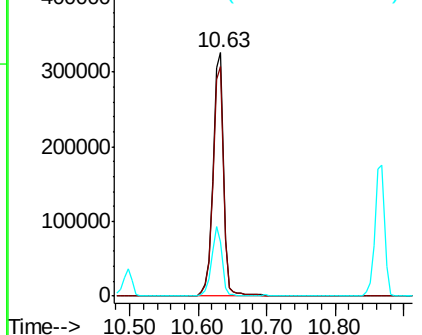
Lab File: BF121187.D

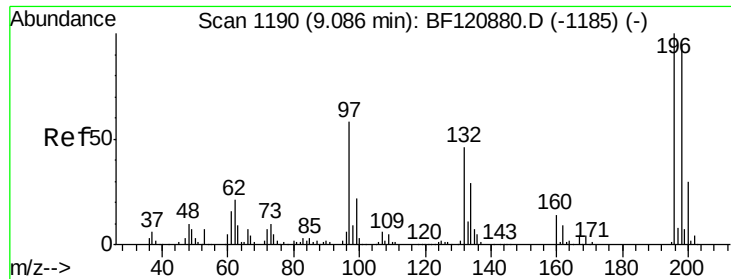
Acq: 5 Aug 2020 11:26

Tgt Ion:	330	Resp:	345371
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.1	114.1
141	28.8	24.1	36.1



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





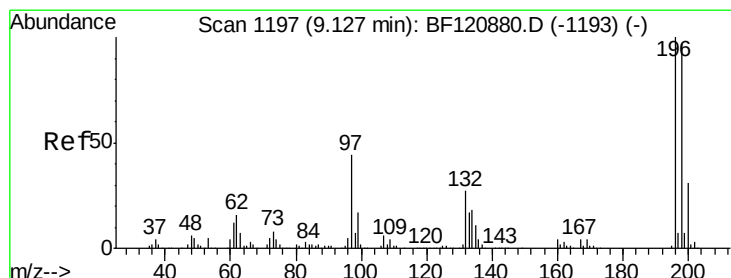
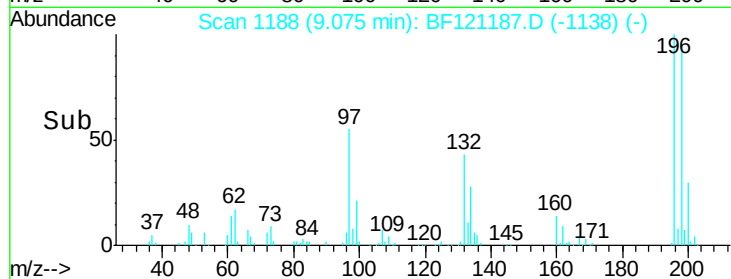
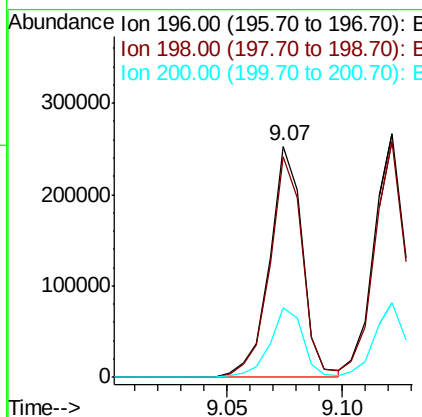
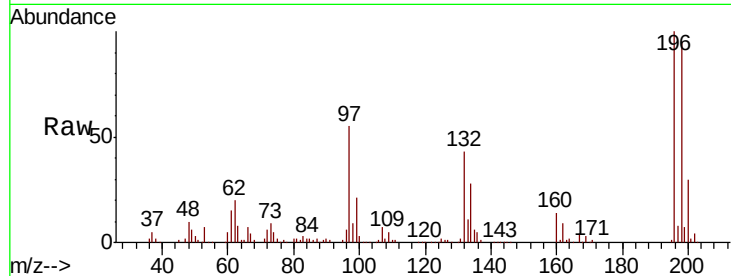
#43
 2,4,6-Trichlorophenol
 Concen: 39.974 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249170		
198	95.3	77.5	116.3	
200	30.3	24.6	37.0	

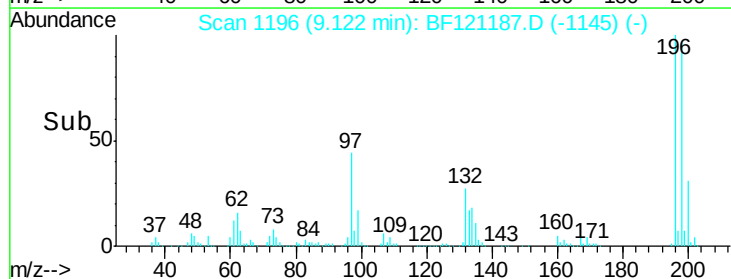
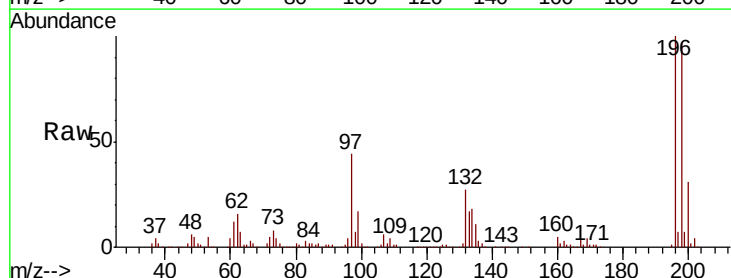
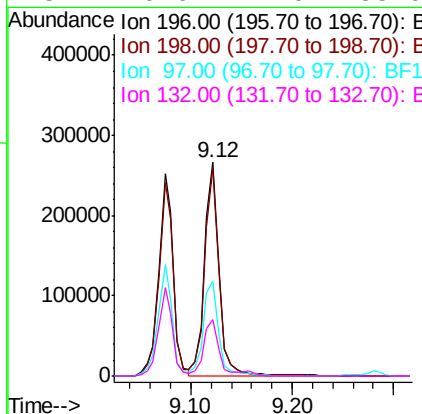
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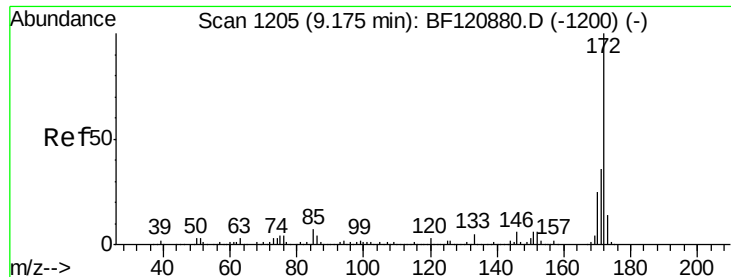
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.379 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264296		
198	96.8	76.2	114.4	
97	44.3	37.3	55.9	
132	26.6	22.0	33.0	





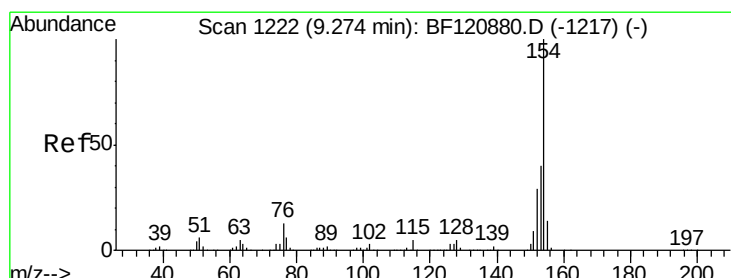
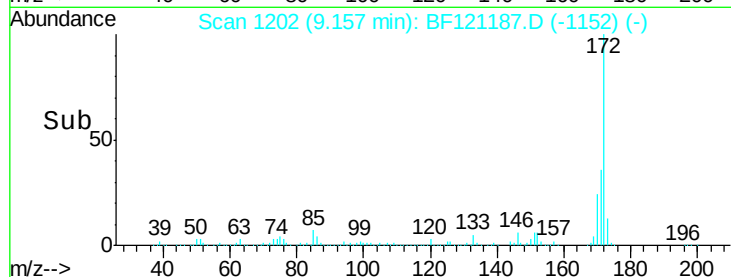
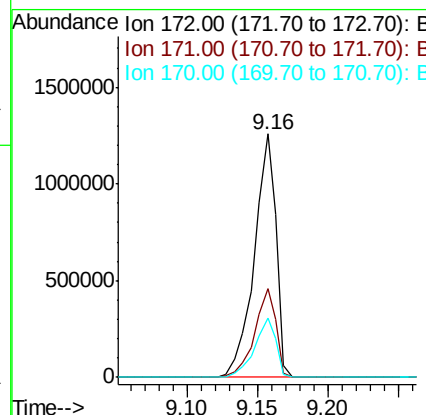
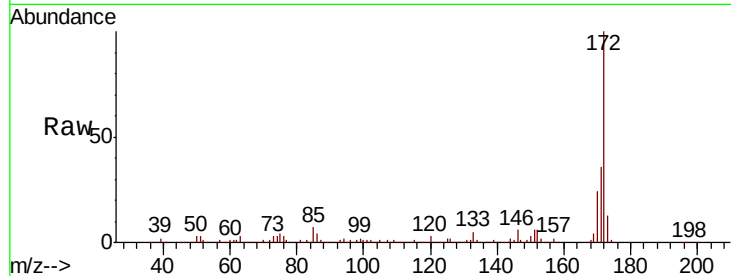
#45
2-Fluorobiphenyl
Concen: 66.897 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.4	19.6	29.4

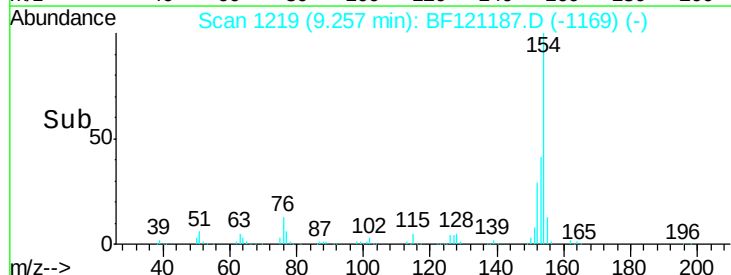
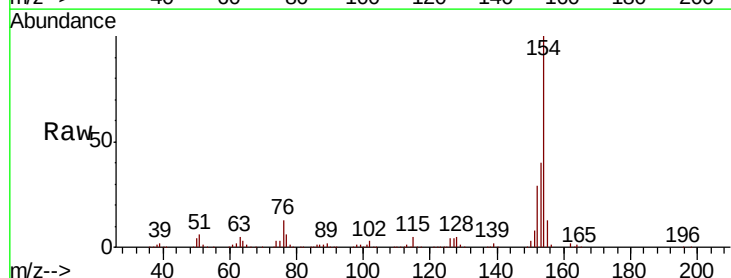
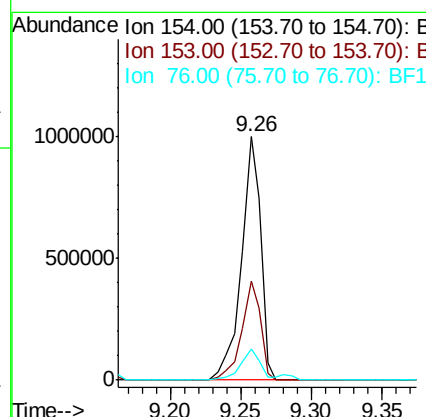
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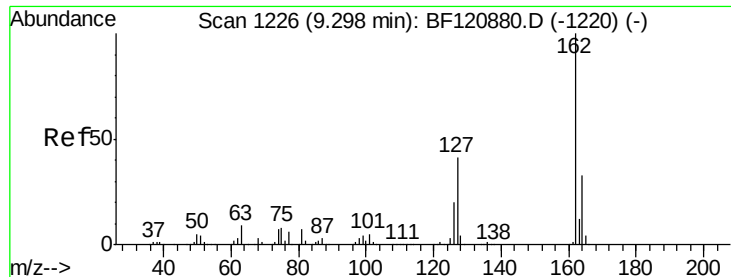
mohammad
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#46
1,1'-Biphenyl
Concen: 40.782 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	12.9	0.0	33.4





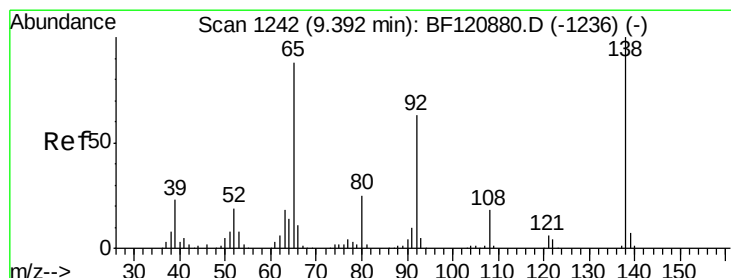
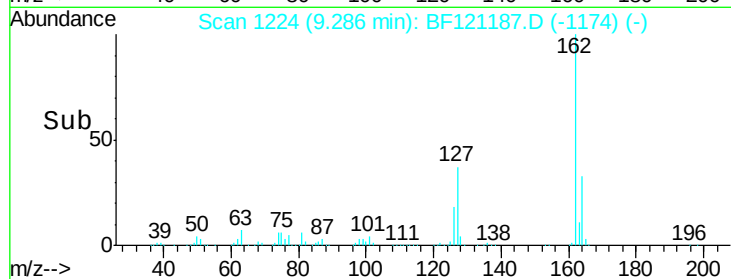
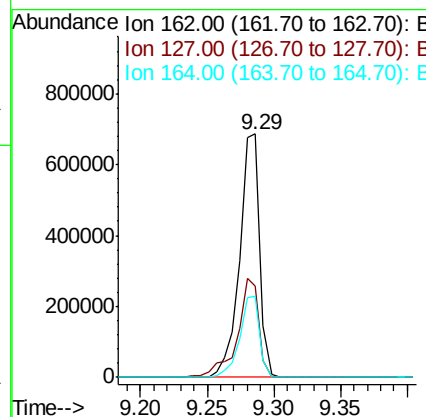
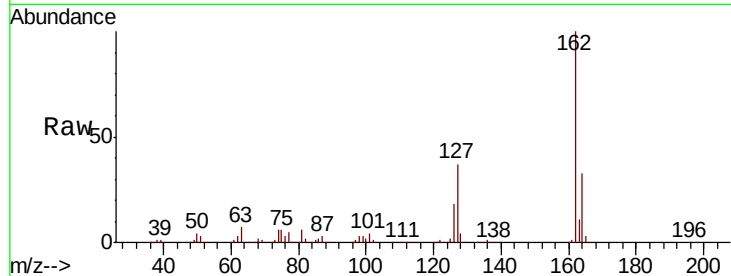
#47
2-Chloronaphthalene
Concen: 38.407 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.4	31.1	46.7
164	33.4	26.6	40.0

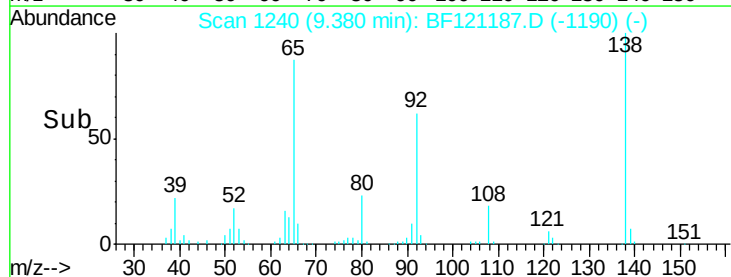
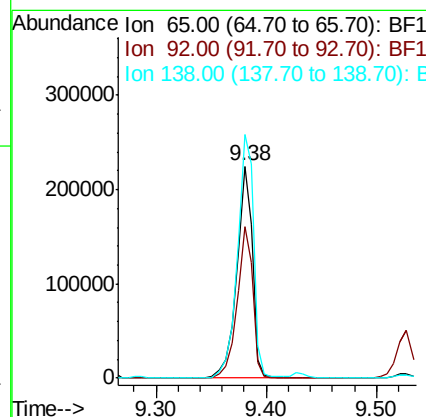
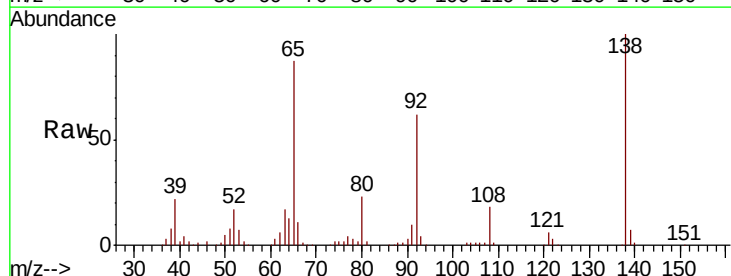
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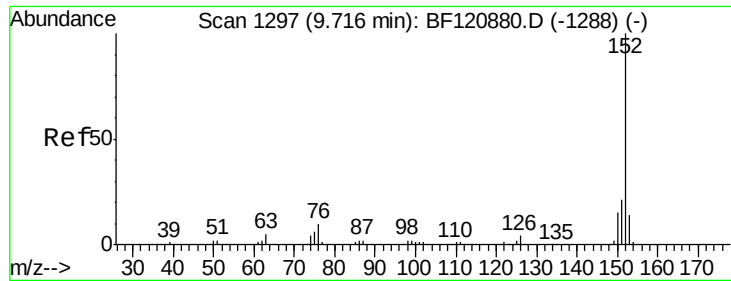
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#48
2-Nitroaniline
Concen: 39.227 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.4	58.0	87.0
138	114.9	93.3	139.9





#49

Acenaphthylene

Concen: 39.191 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

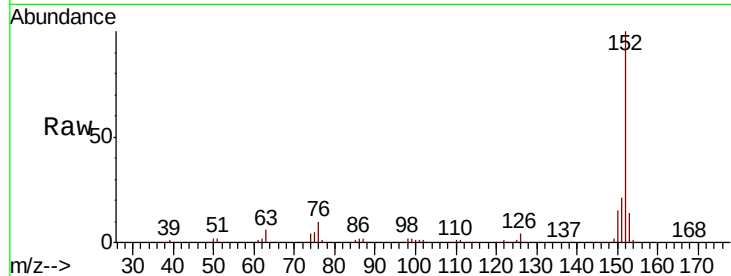
ClientSampleId :

PB130722BS

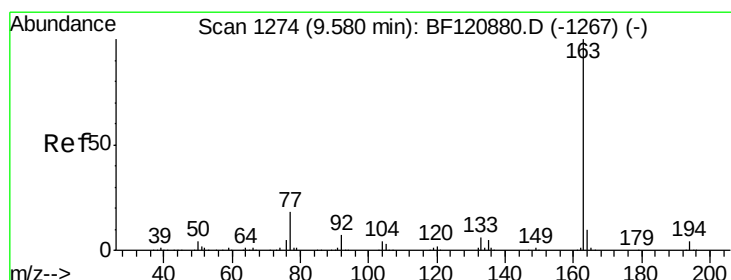
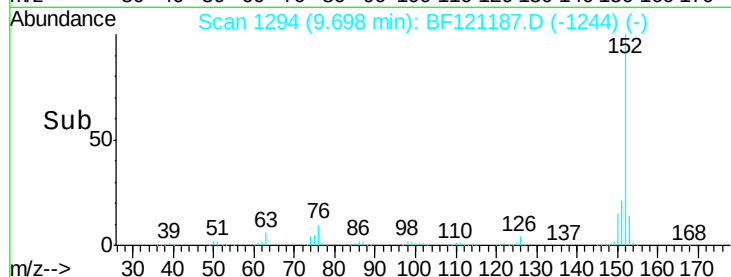
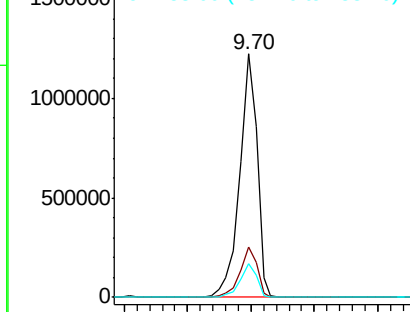
Tot Ion:	152	Resp:	1150541
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.6	25.0
153	13.7	11.0	16.4

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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: 39.843 ng

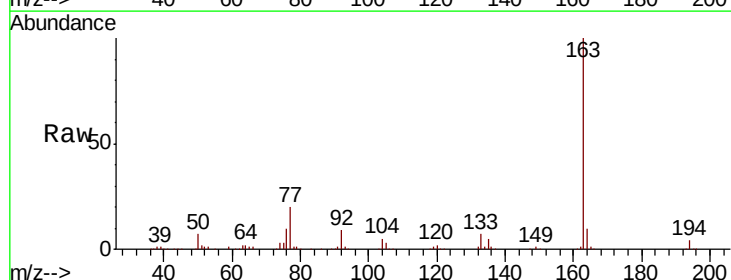
RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

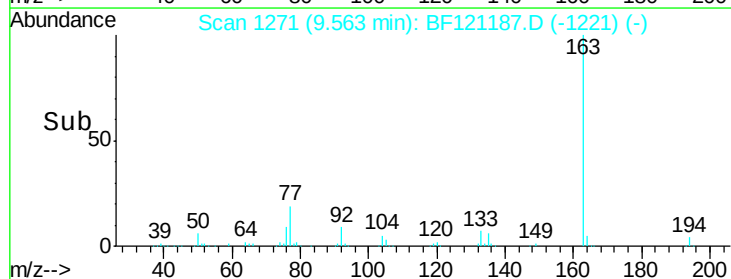
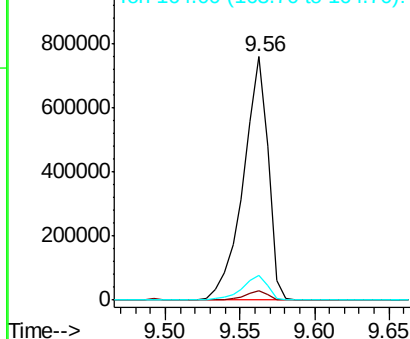
Lab File: BF121187.D

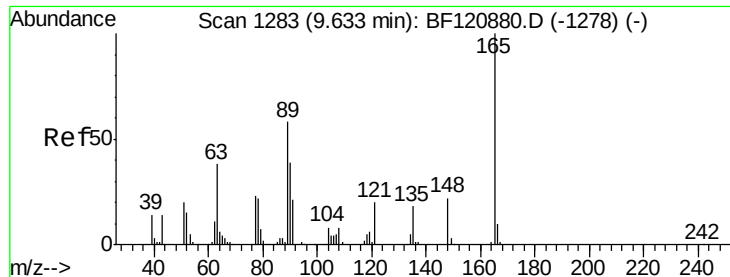
Acq: 5 Aug 2020 11:26

Tgt Ion:	163	Resp:	873413
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.4
164	10.3	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





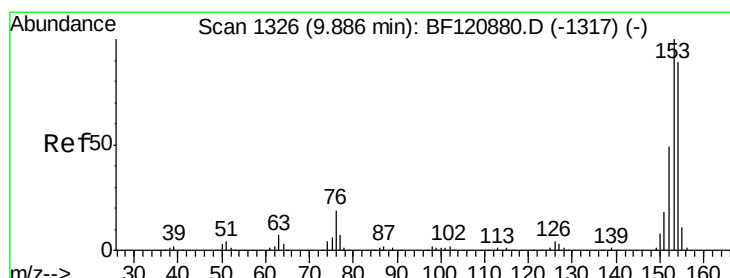
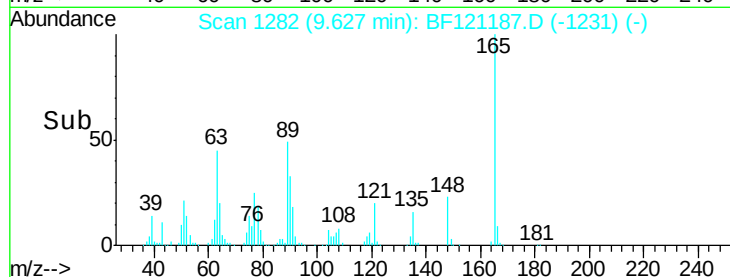
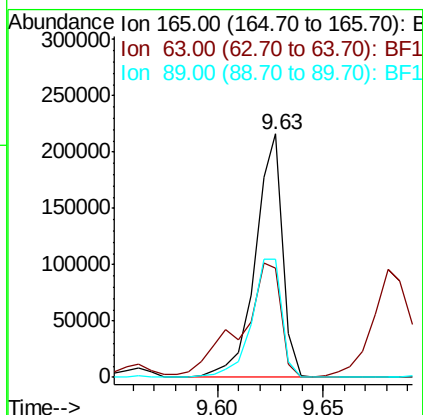
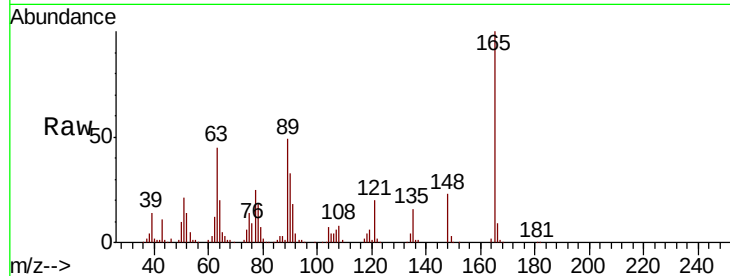
#51
2,6-Dinitrotoluene
Concen: 41.076 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	193452		
63	45.1		41.1	61.7
89	48.7		43.5	65.3

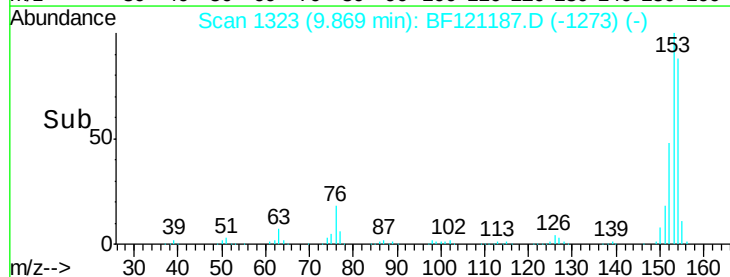
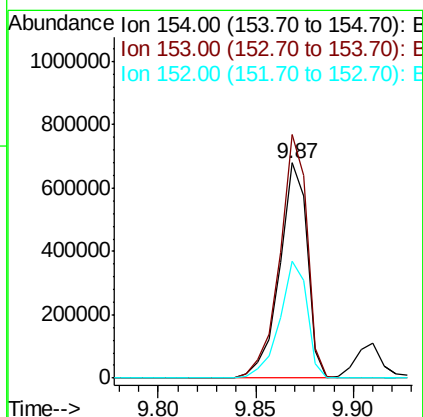
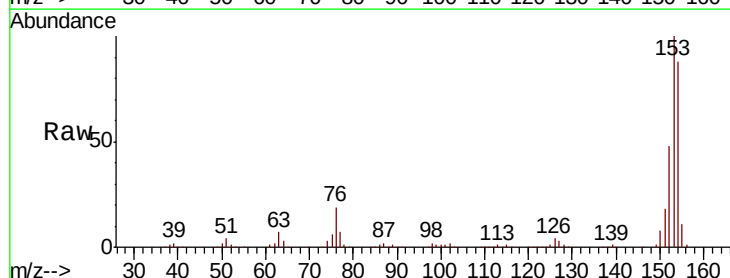
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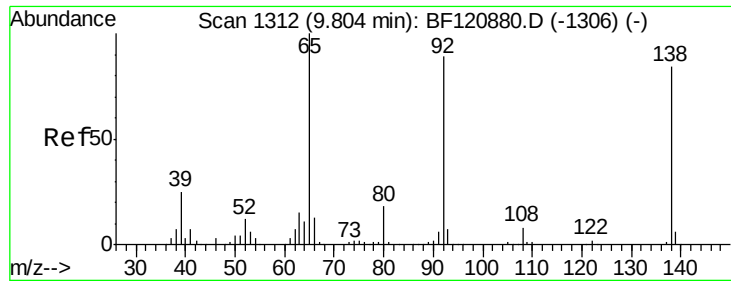
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#52
Acenaphthene
Concen: 35.991 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	671752		
153	113.0		89.6	134.4
152	54.3		43.8	65.6





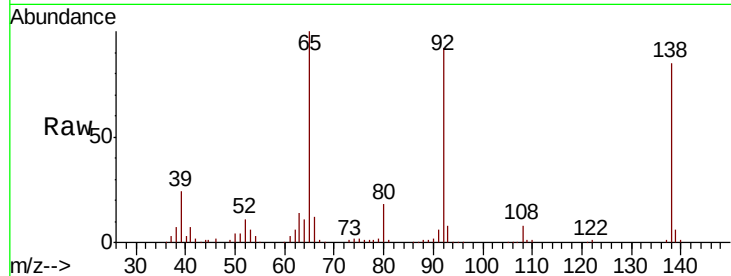
#53
3-Nitroaniline
Concen: 27.319 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

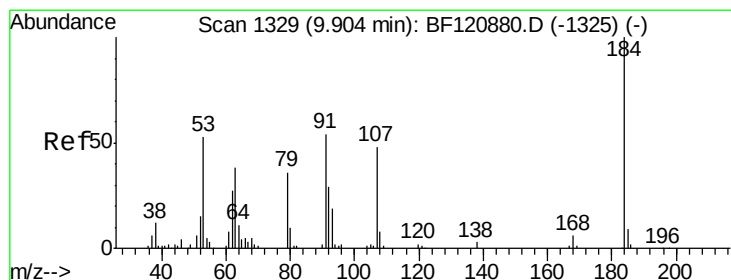
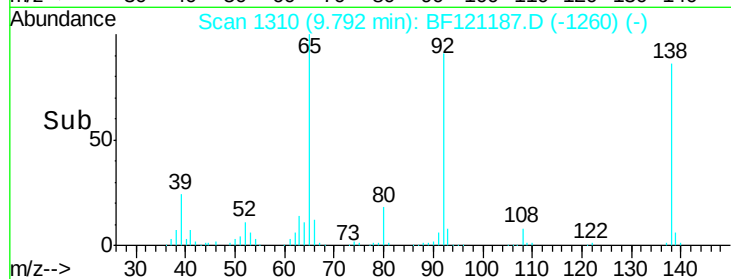
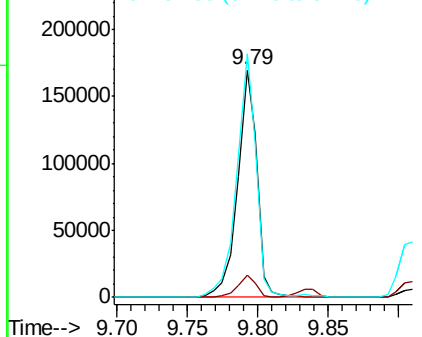
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.8
92	107.2	85.0	127.4

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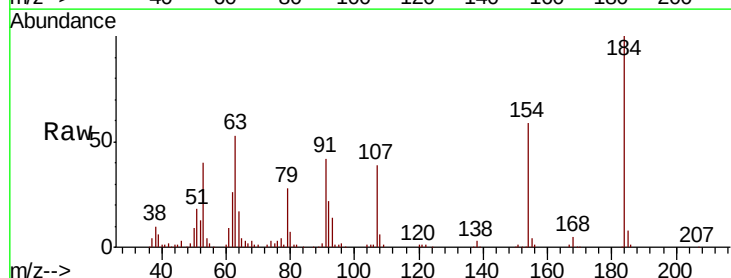


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

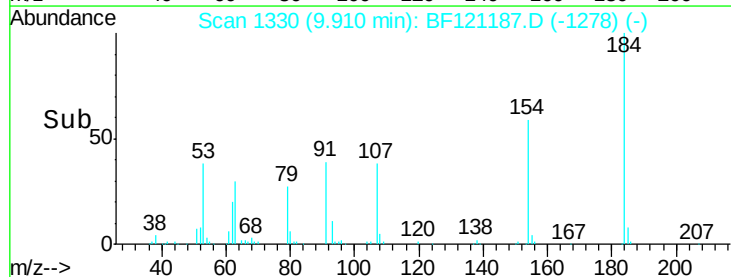
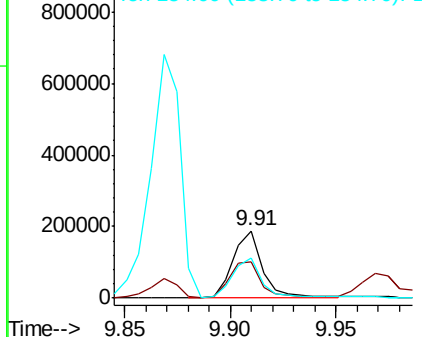


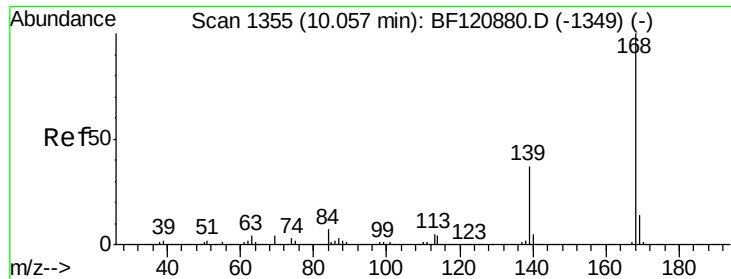
#54
2,4-Dinitrophenol
Concen: 68.944 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	42.5	63.7
154	59.1	46.8	70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.234 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampled :

PB130722BS

Tot Ion:168 Resp: 1004976

Ion Ratio Lower Upper

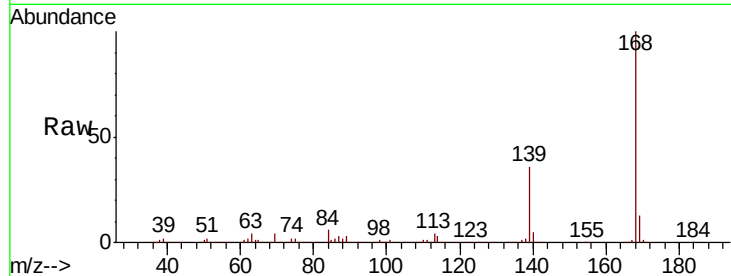
168 100

139 36.2 30.1 45.1

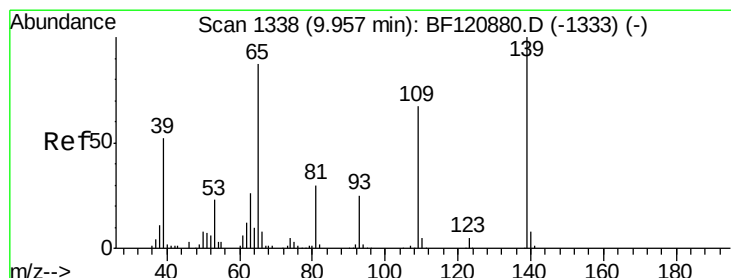
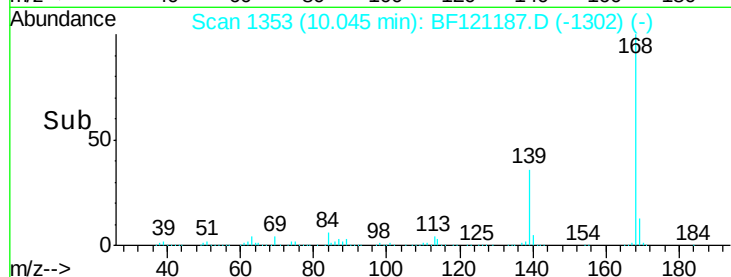
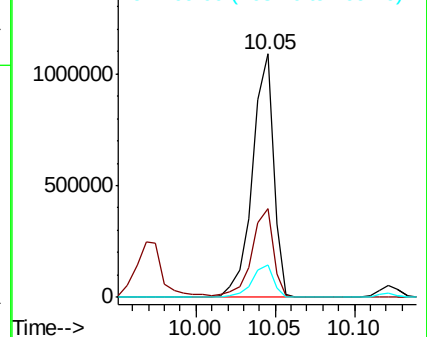
169 13.4 11.3 16.9

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.084 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

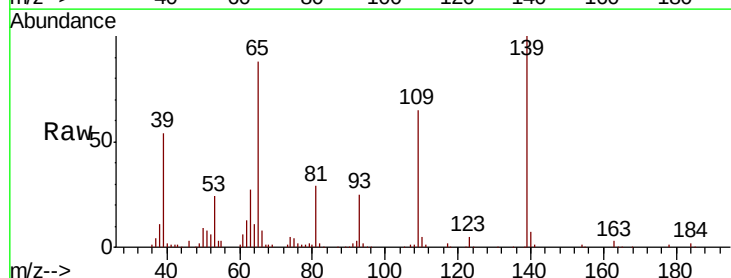
Tgt Ion:139 Resp: 296512

Ion Ratio Lower Upper

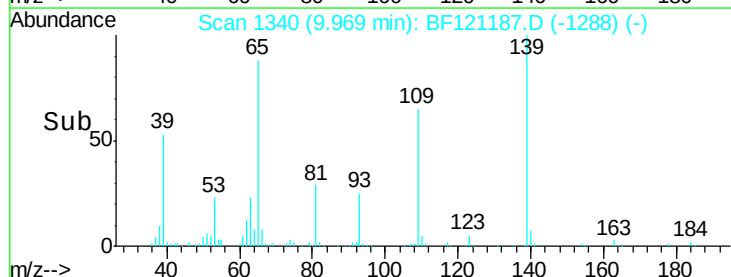
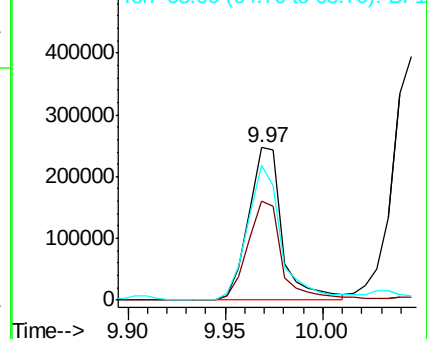
139 100

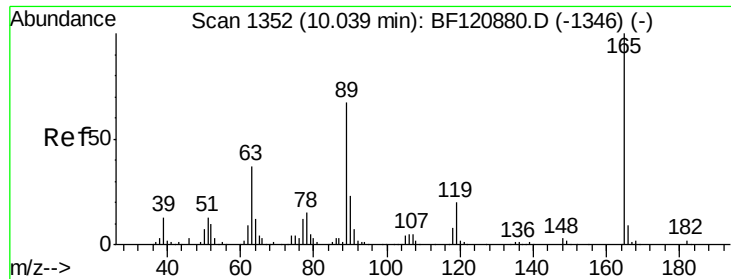
109 65.4 44.8 84.8

65 88.3 65.6 105.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.386 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

Tot Ion:165 Resp: 249772

Ion Ratio Lower Upper

165 100

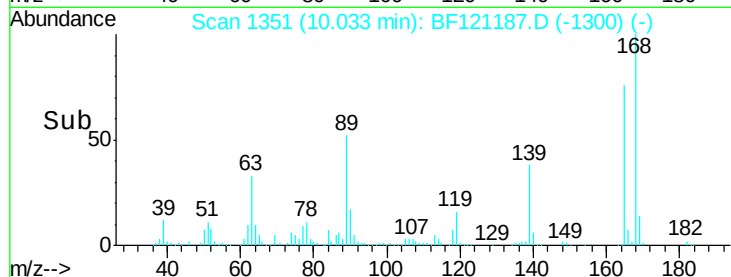
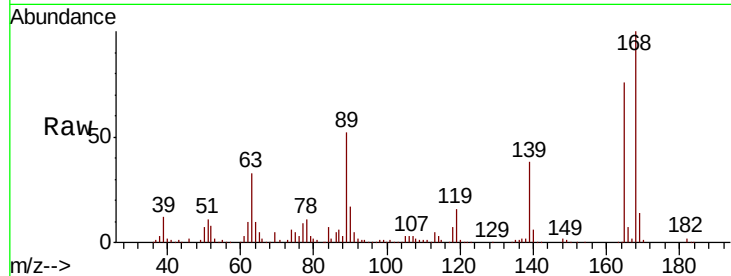
63 42.7 29.8 44.8

89 67.9 50.3 75.5

182 2.5 2.1 3.1

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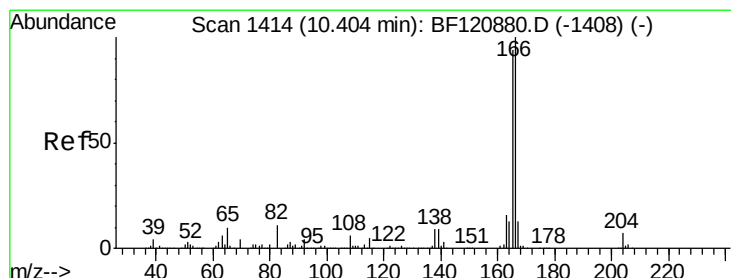
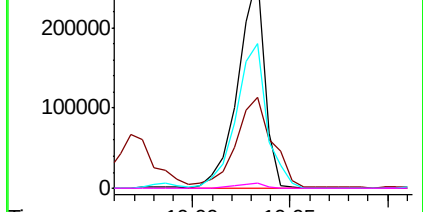


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.505 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

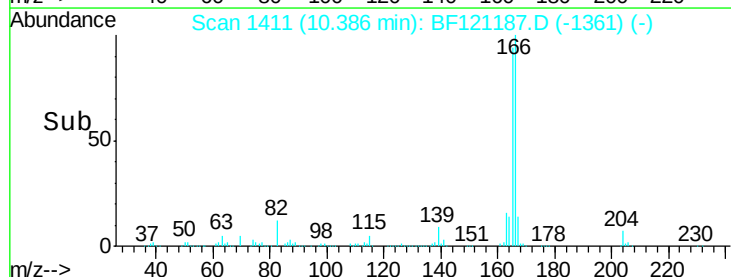
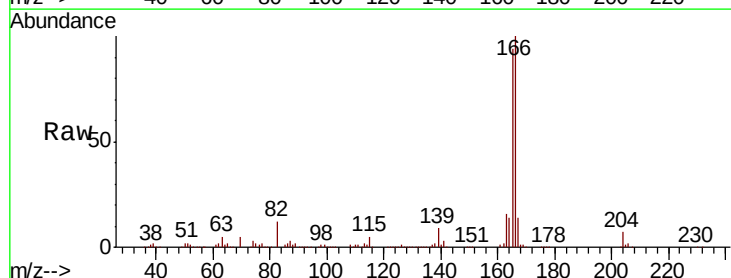
Tgt Ion:166 Resp: 754998

Ion Ratio Lower Upper

166 100

165 94.4 76.4 114.6

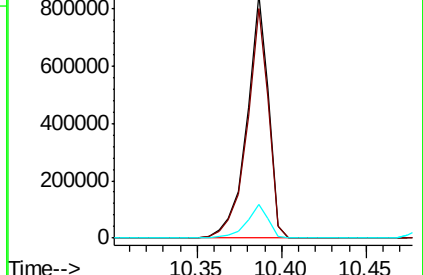
167 13.7 10.7 16.1

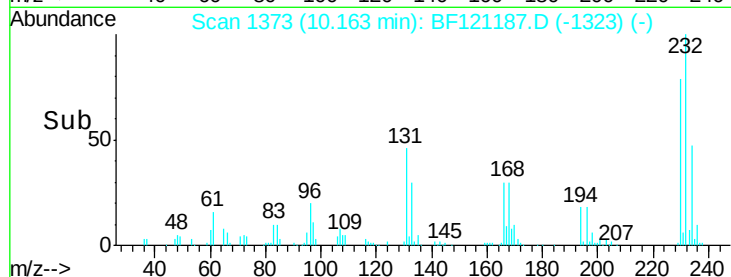
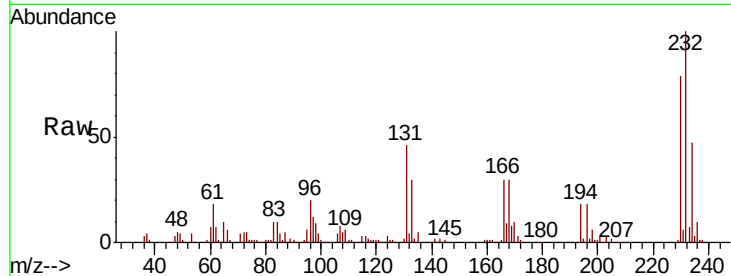
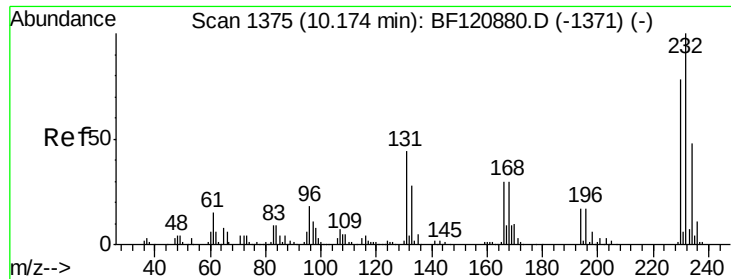


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





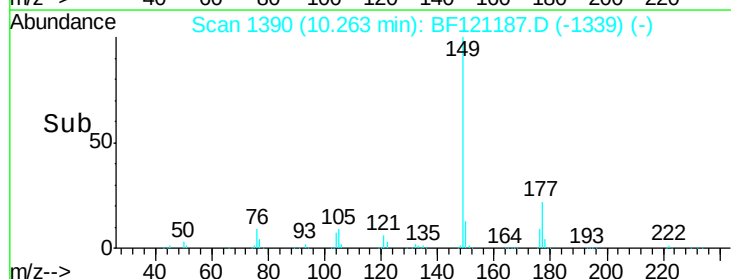
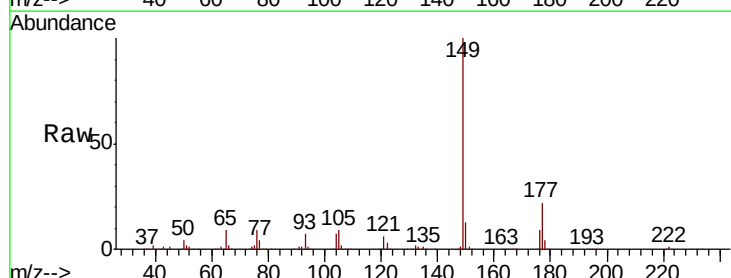
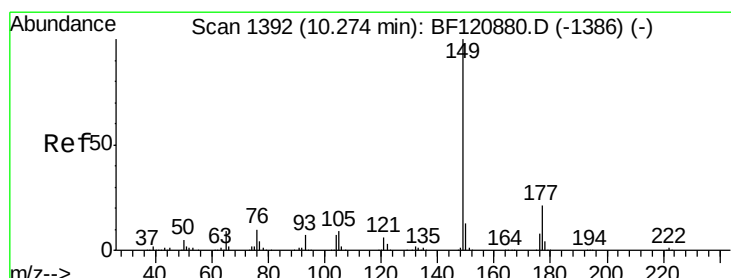
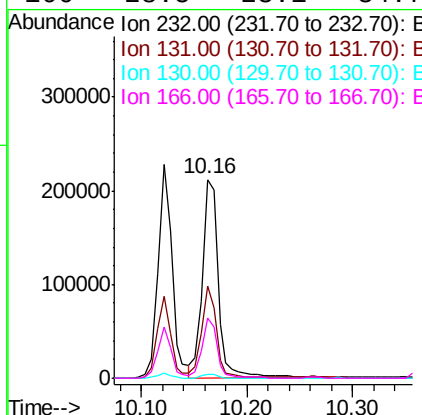
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.216 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	221888		
131	42.8		34.2	51.2
130	2.0		1.7	2.5
166	28.5		23.1	34.7

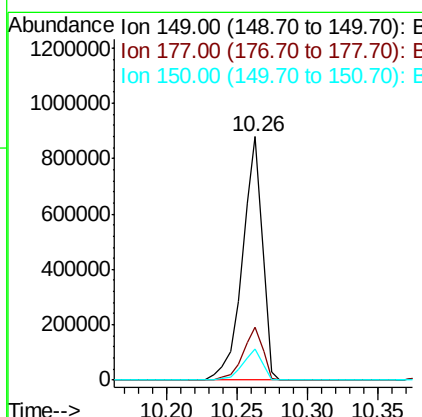
Manual Integrations
APPROVED

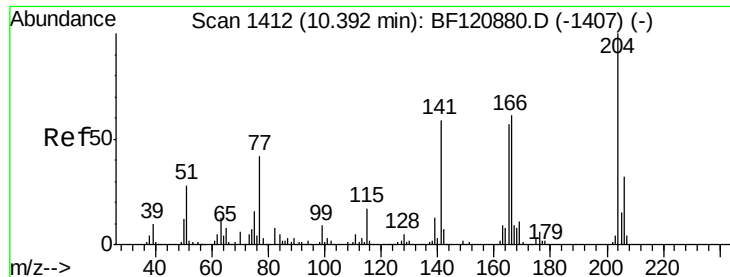
mohammad
8/6/2020 1:20:57 PM



#60
Diethylphthalate
Concen: 38.736 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	858879		
177	21.8		17.6	26.4
150	12.8		10.2	15.4





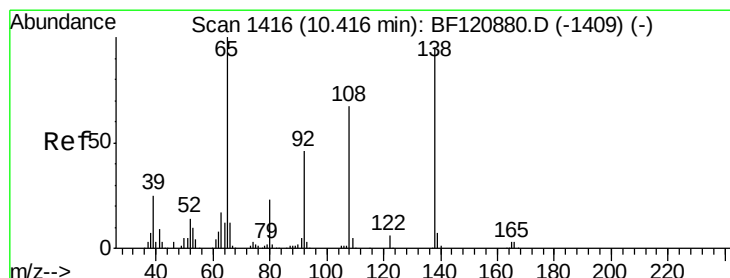
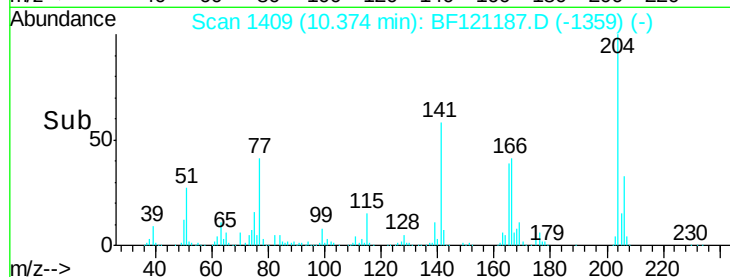
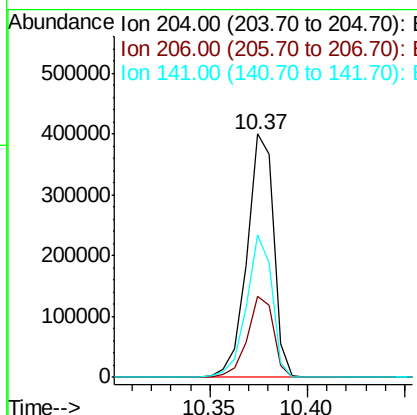
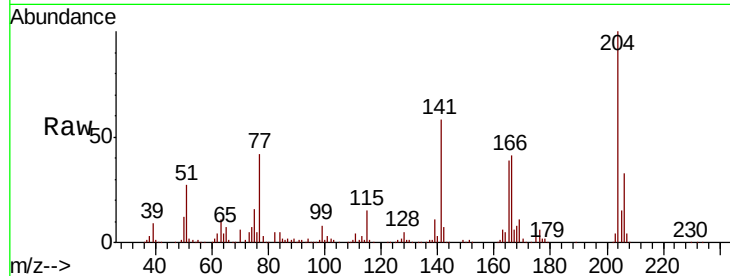
#61
 4-Chlorophenyl-phenylether
 Concen: 35.350 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampled :
 PB130722BS

Tot Ion:	204	Resp:	379557
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.0	39.0
141	58.3	46.9	70.3

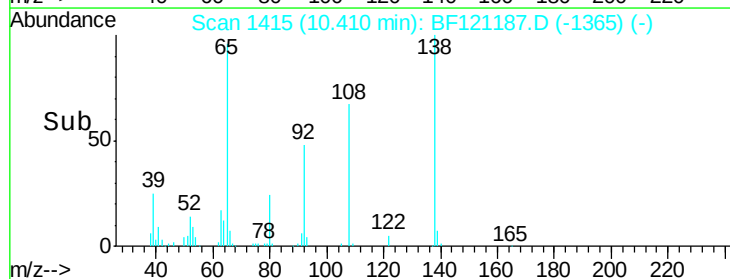
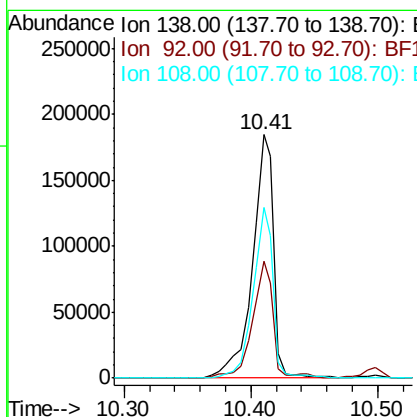
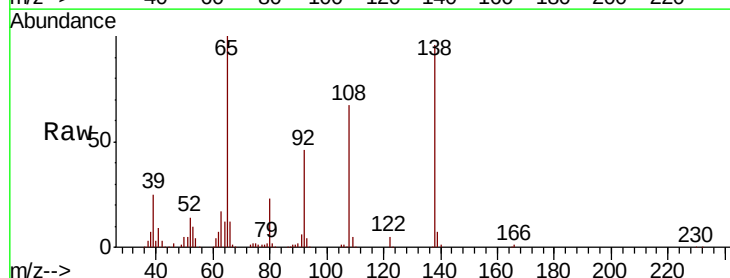
Manual Integrations
 APPROVED

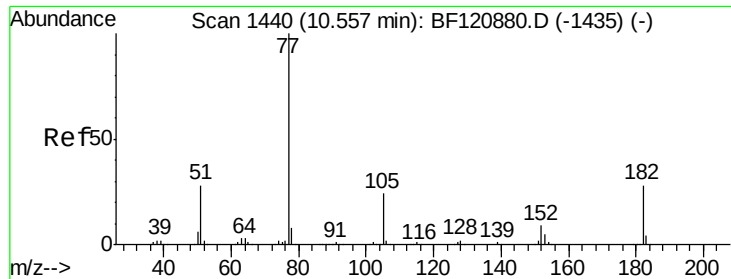
mohammad
 8/6/2020 1:20:57 PM



#62
 4-Nitroaniline
 Concen: 37.554 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:	138	Resp:	216074
Ion Ratio	Lower	Upper	
138	100		
92	47.8	25.2	65.2
108	70.1	46.7	86.7





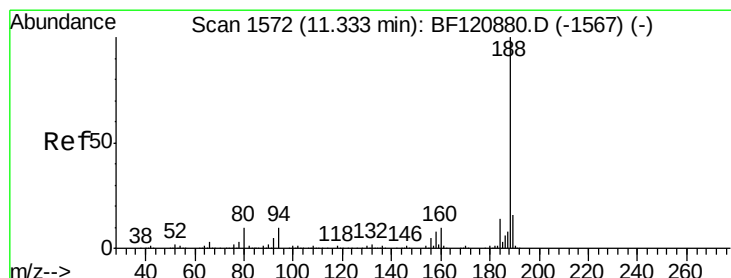
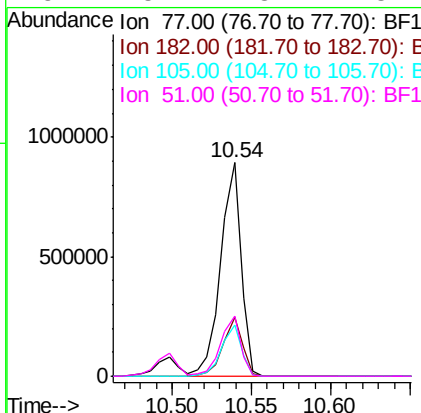
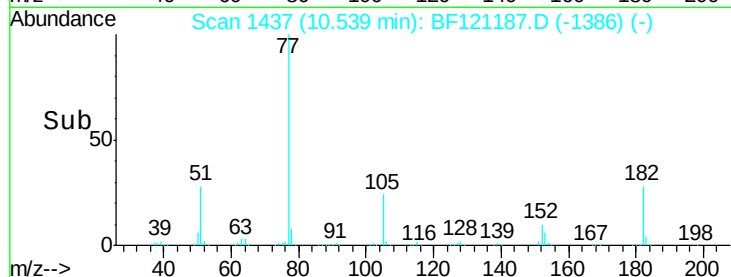
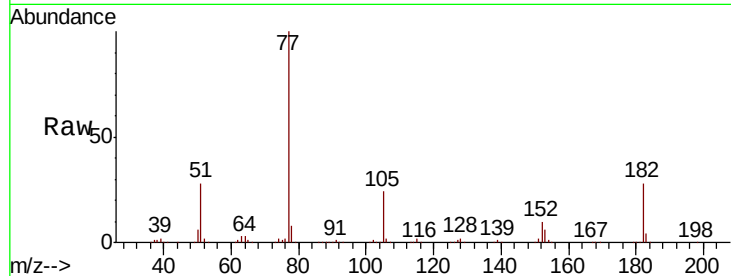
#63
Azobenzene
Concen: 37.930 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.8	4.5	44.5		
105	24.2	3.4	43.4		
51	28.1	8.7	48.7		

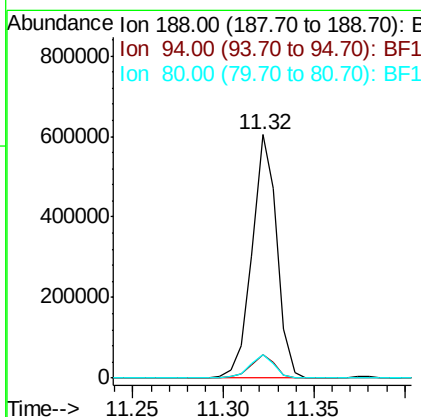
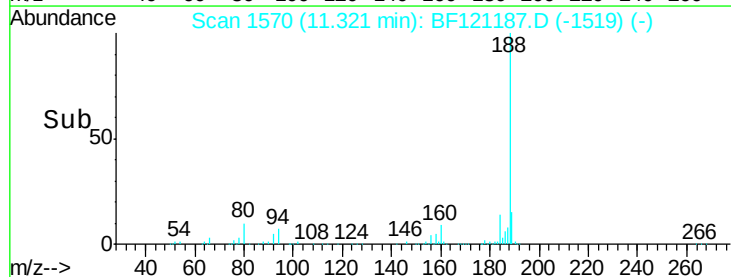
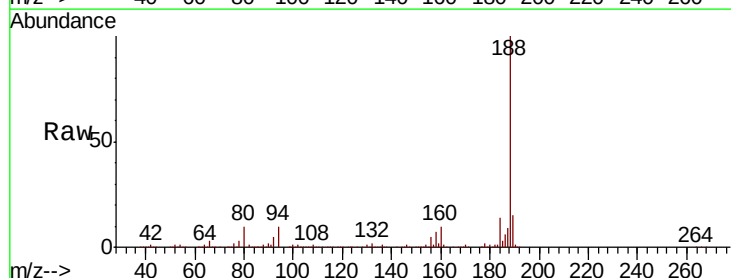
Manual Integrations
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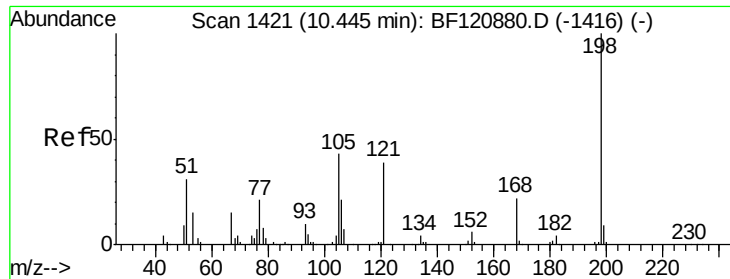
mohammad
8/6/2020 1:20:57 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.7	8.0	12.0		
80	9.9	8.3	12.5		





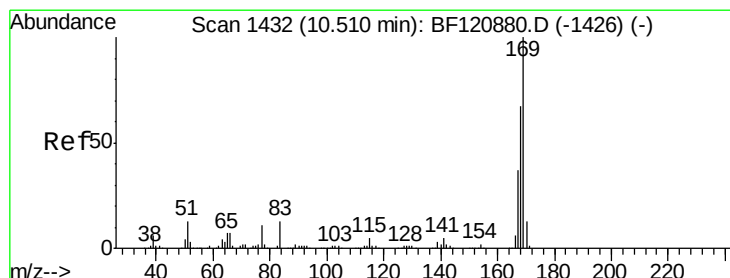
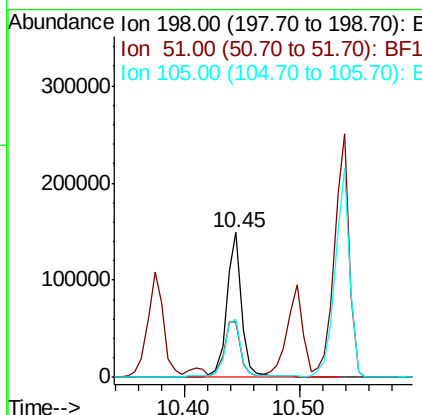
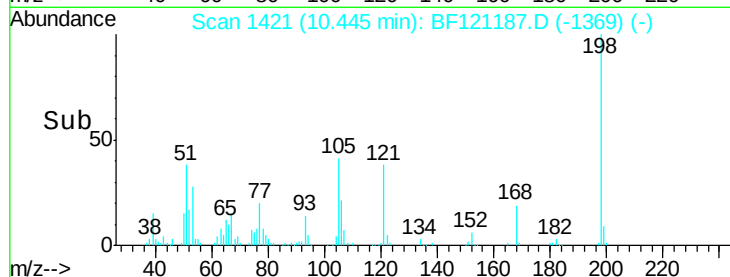
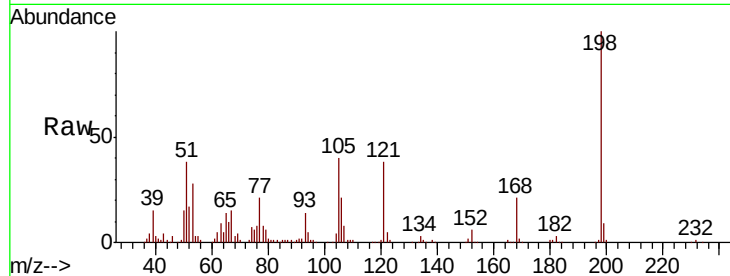
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.829 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	133389		
51	38.0	23.4	63.4	
105	40.5	23.7	63.7	

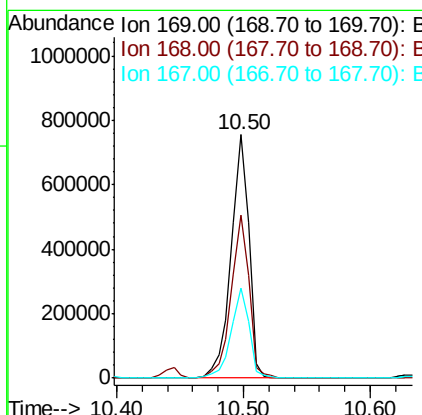
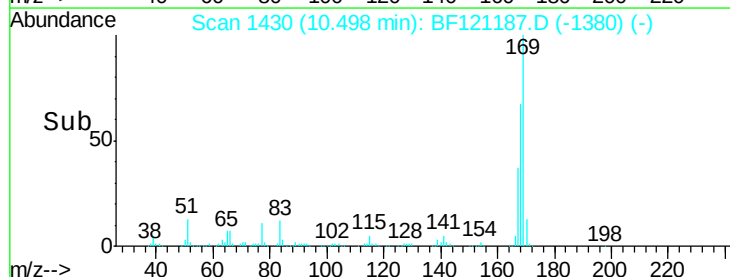
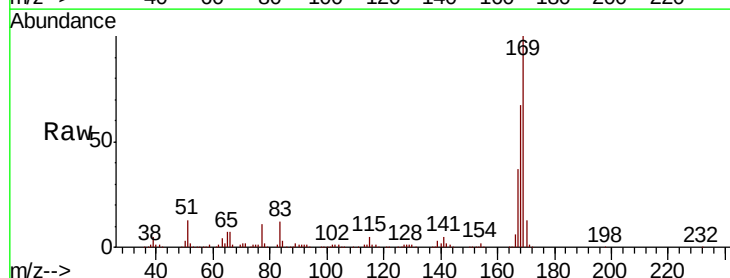
Manual Integrations
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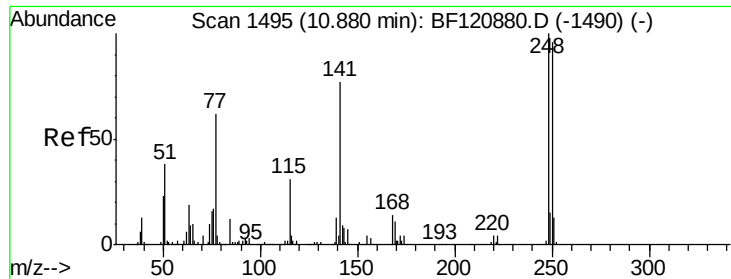
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 40.410 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	728706		
168	66.9	53.7	80.5	
167	37.2	30.0	45.0	





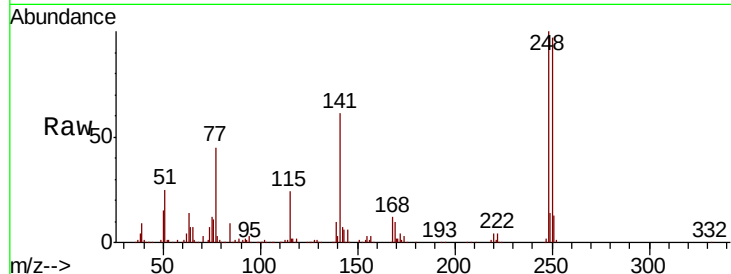
#67
4-Bromophenyl-phenylether
Concen: 39.233 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

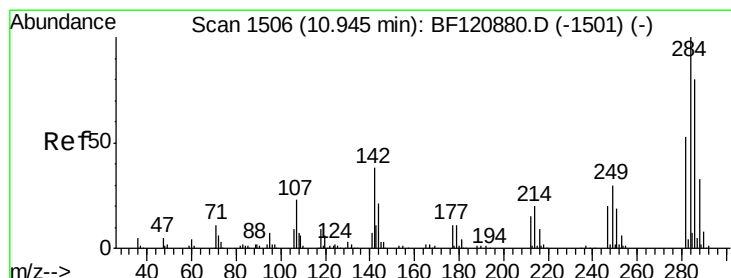
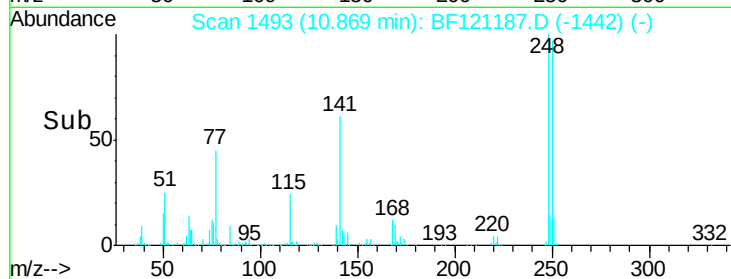
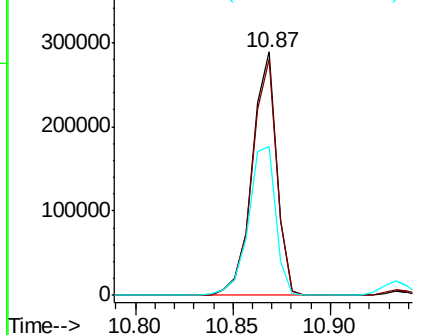
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	61.0	56.6	85.0

Manual Integrations
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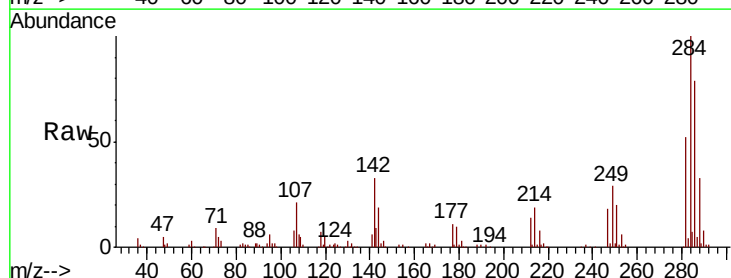


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

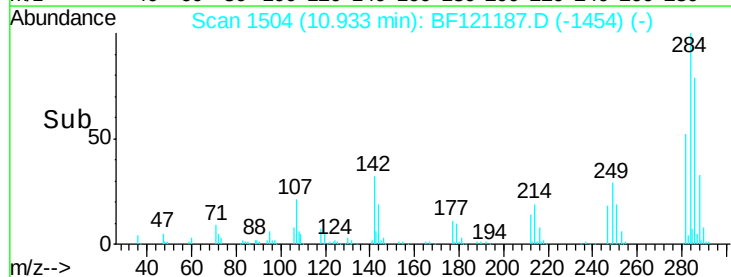
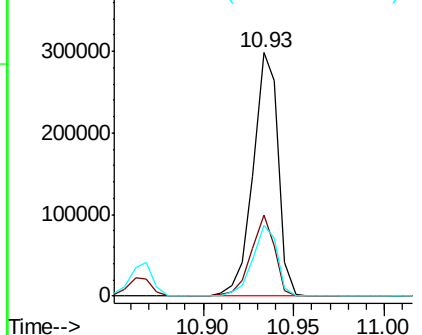


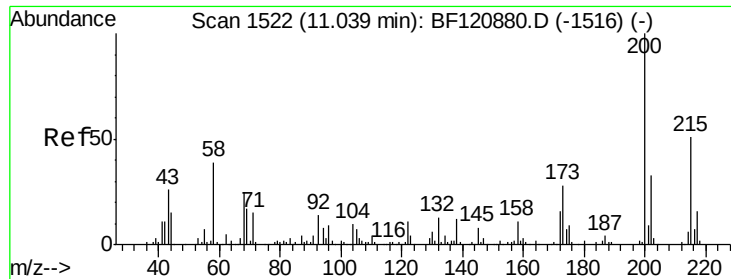
#68
Hexachlorobenzene
Concen: 41.383 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	21.1	31.7#
249	29.1	22.5	33.7



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





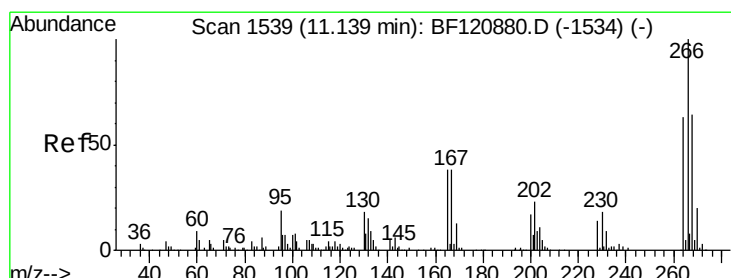
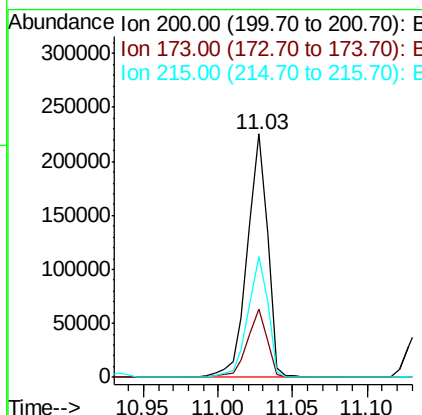
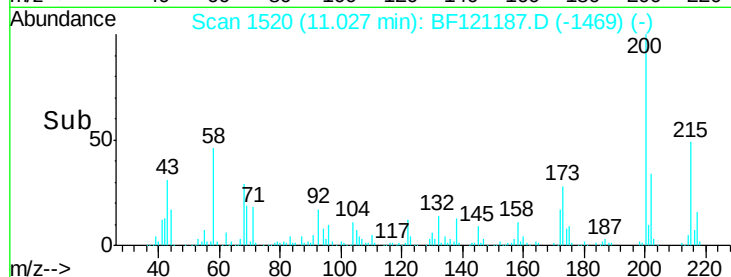
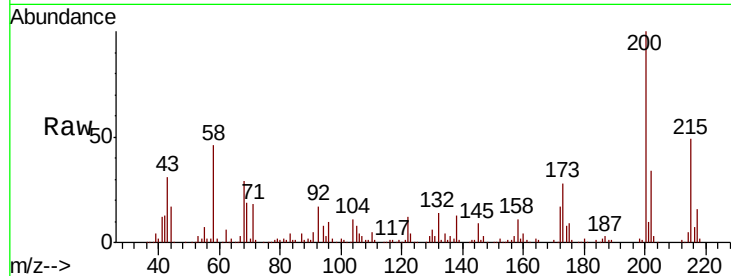
#69
Atrazine
Concen: 47.351 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.6	47.6
215	49.4	28.8	68.8

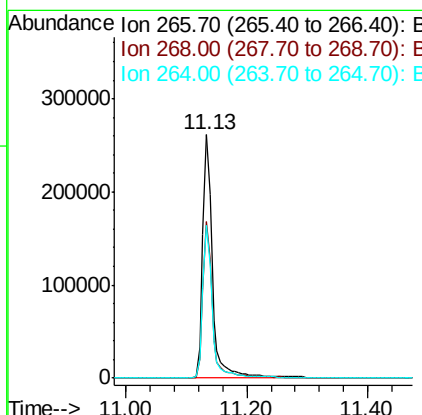
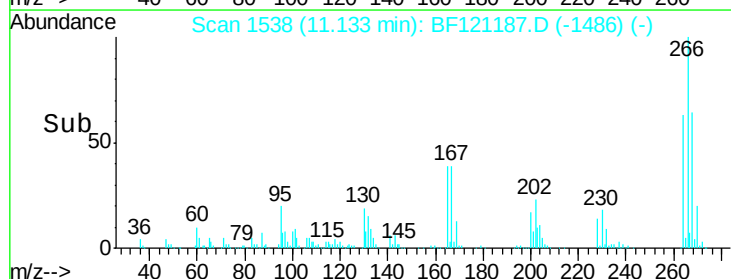
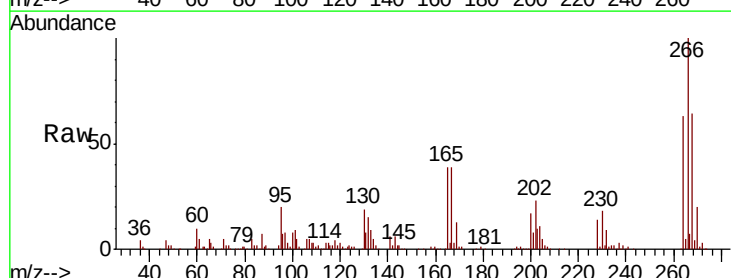
Manual Integrations
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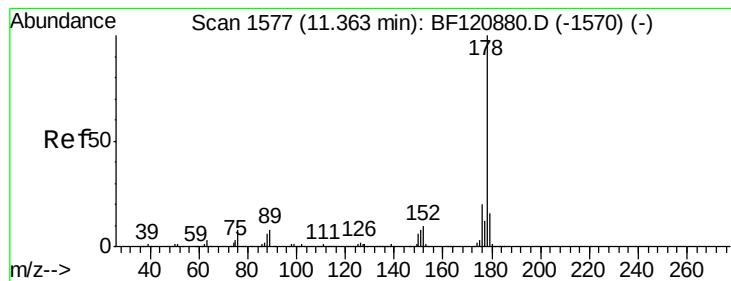
mohammad
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#70
Pentachlorophenol
Concen: 75.696 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.7	74.5
264	62.8	50.4	75.6





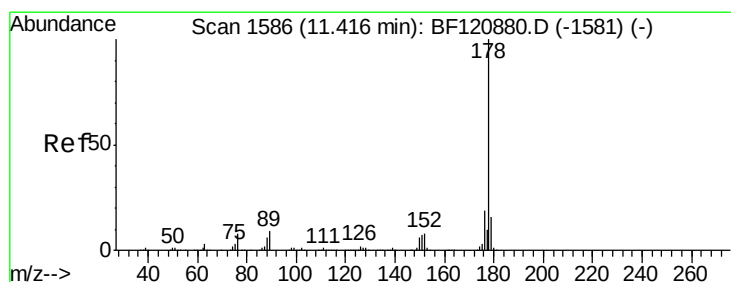
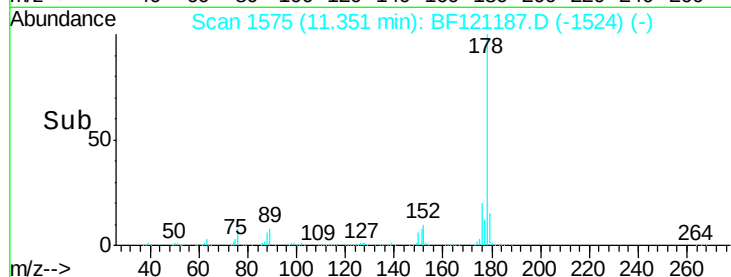
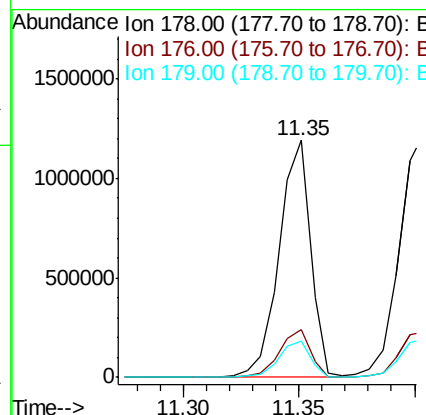
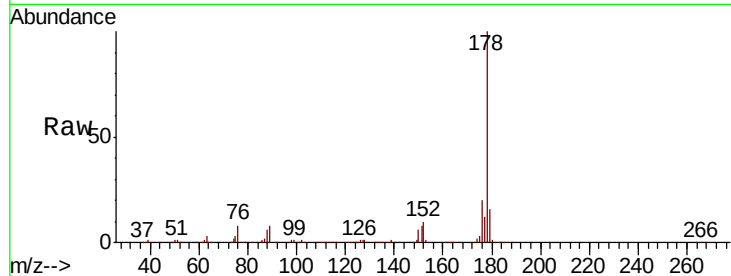
#71
Phenanthrene
Concen: 38.266 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion:178 Resp: 1128144
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.5 12.6 19.0

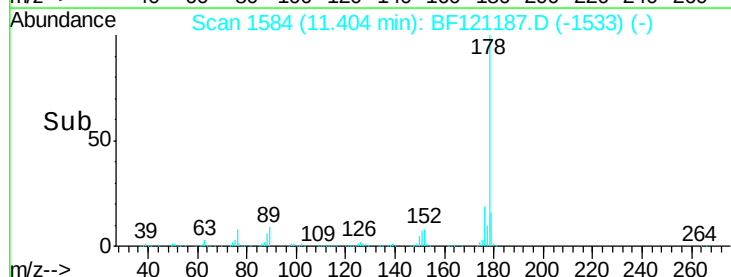
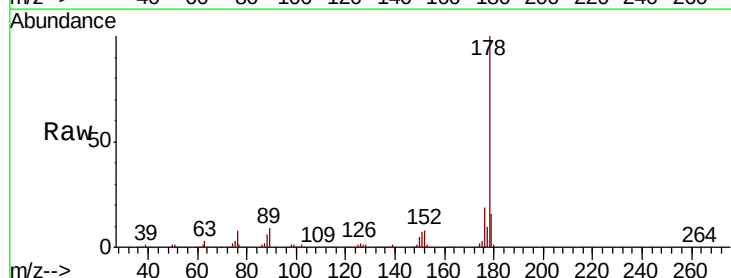
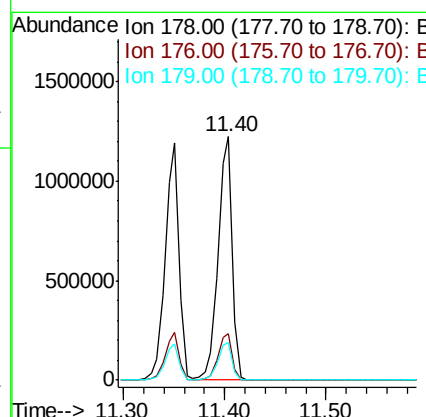
Manual Integrations
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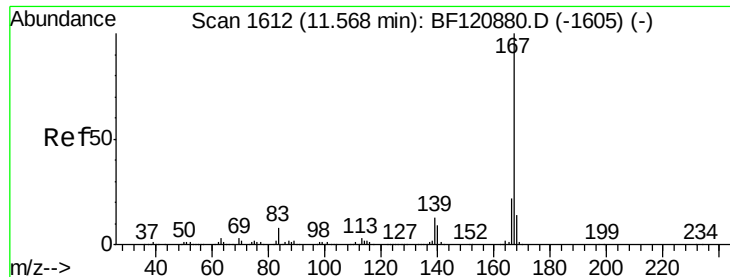
mohammad
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#72
Anthracene
Concen: 39.808 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:178 Resp: 1178485
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.6 12.6 19.0





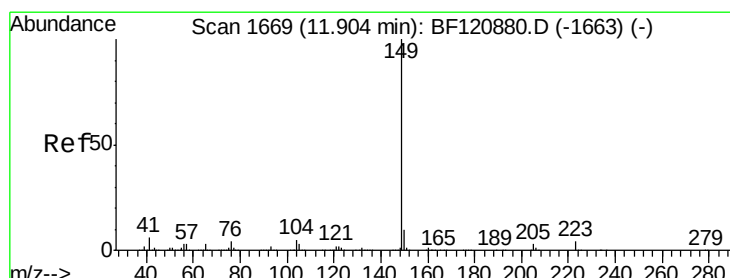
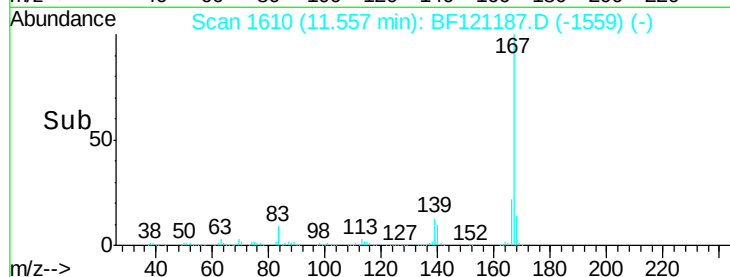
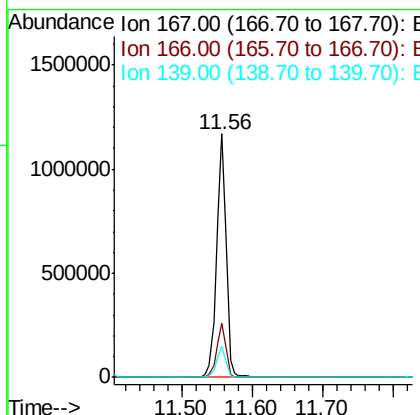
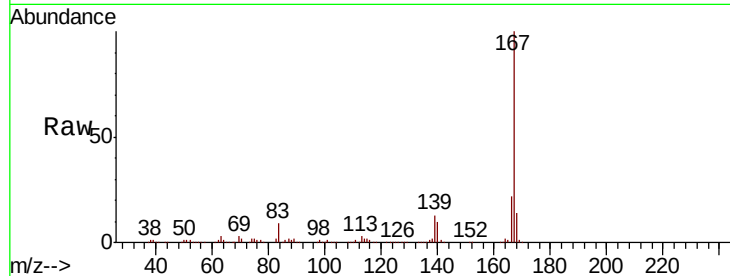
#73
 Carbazole
 Concen: 37.927 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion:167 Resp: 1114276
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 13.0 10.5 15.7

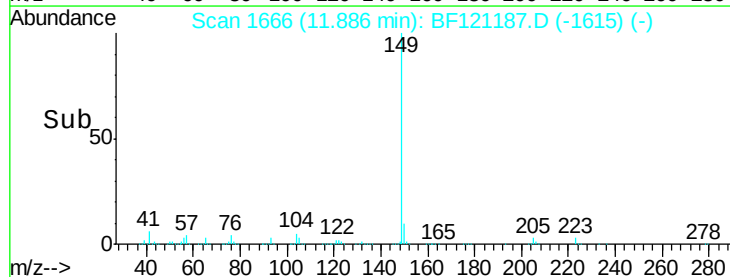
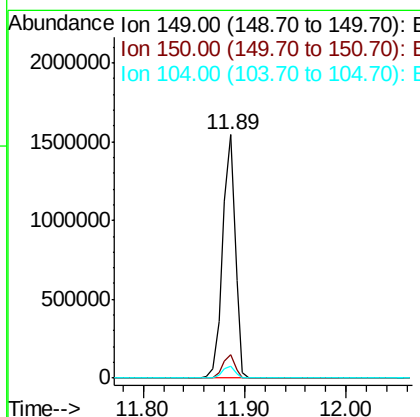
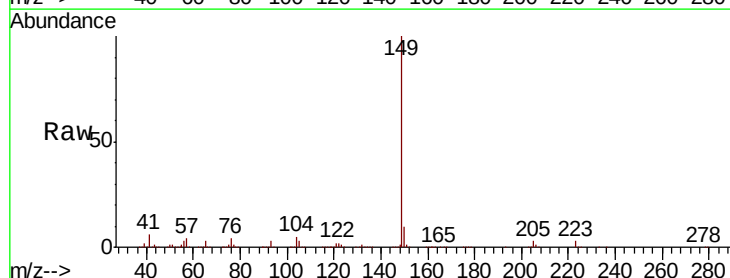
Manual Integrations
 APPROVED

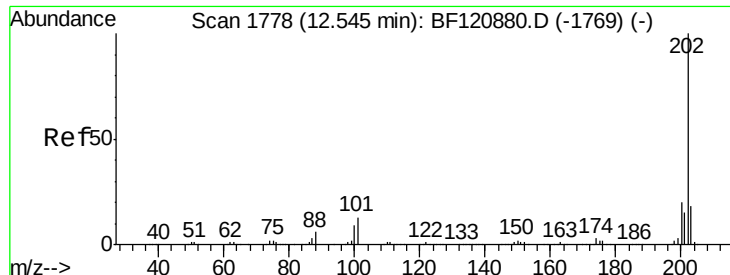
mohammad
 8/6/2020 1:20:57 PM



#74
 Di-n-butylphthalate
 Concen: 39.210 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:149 Resp: 1329368
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.7 3.9 5.9





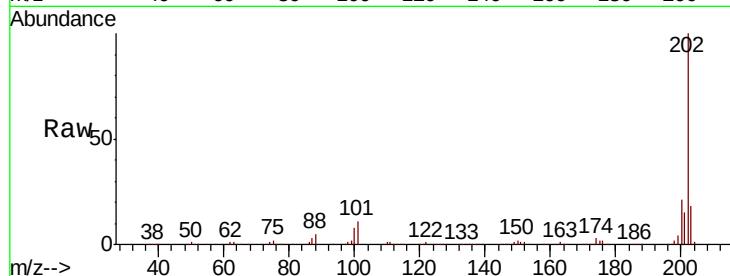
#75
Fluoranthene
Concen: 38.172 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

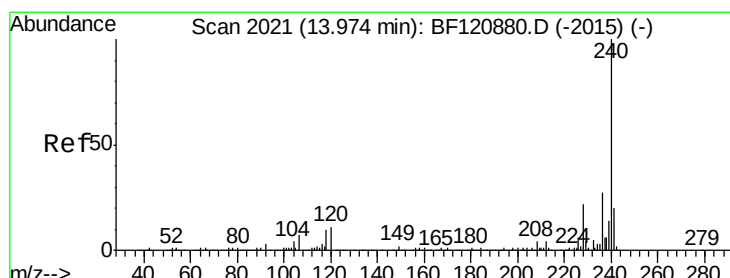
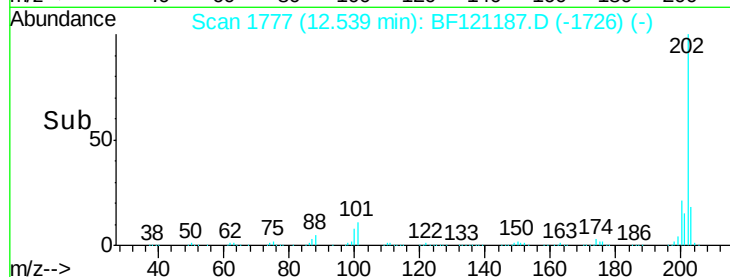
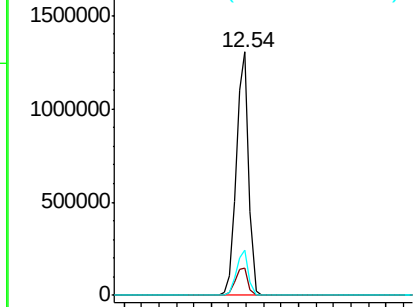
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1247413		
101	11.1		0.0	30.5
203	18.4		0.0	37.7

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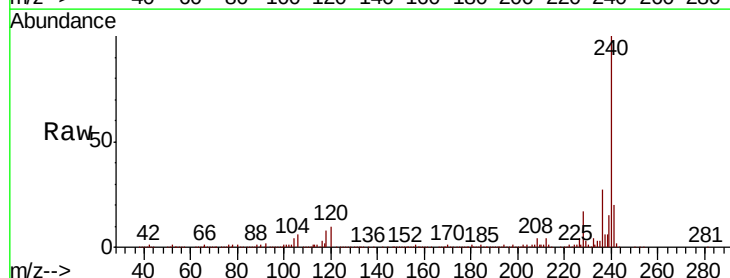


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

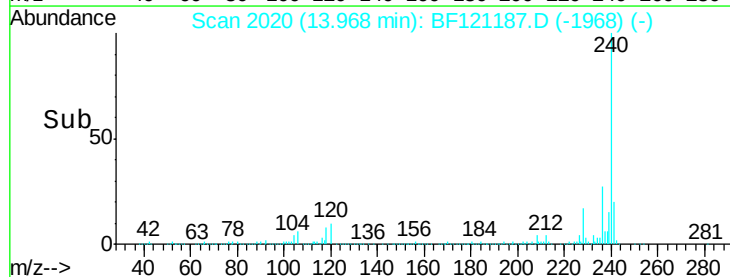
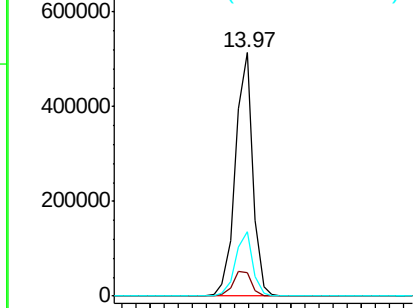


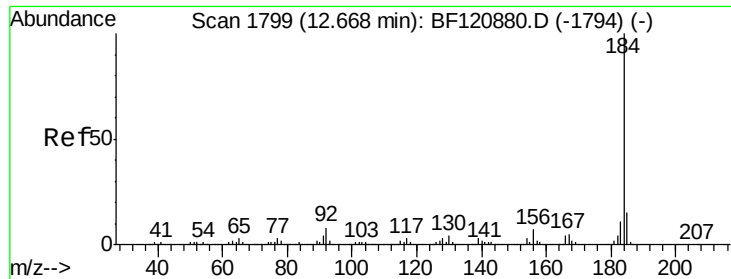
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	437901		
120	9.7		9.3	13.9
236	26.7		21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.462 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

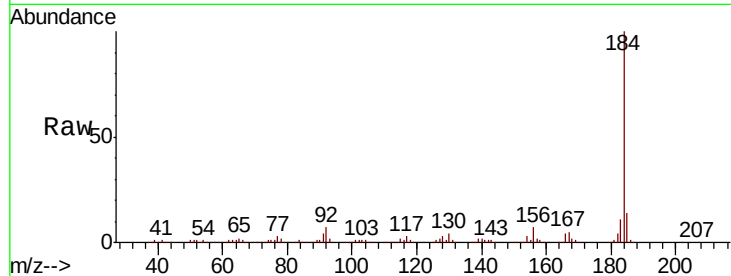
ClientSampleId :

PB130722BS

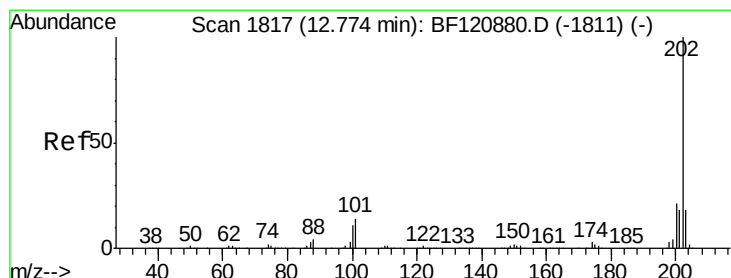
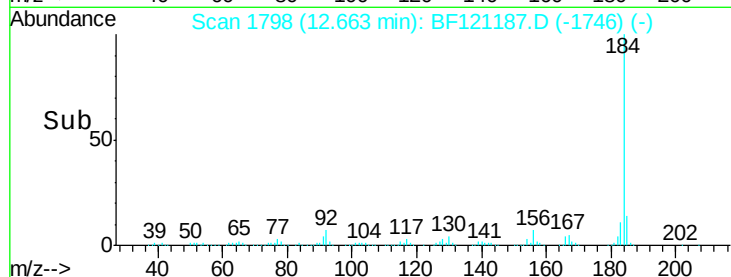
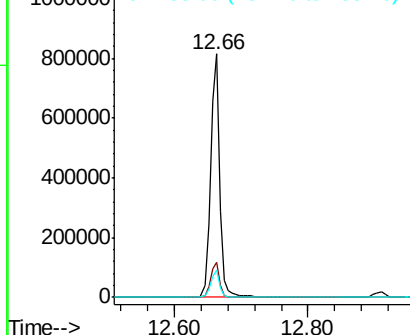
Tot Ion:	184	Resp:	776709
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.1	18.1
183	11.1	9.0	13.4

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



#78

Pyrene

Concen: 41.330 ng

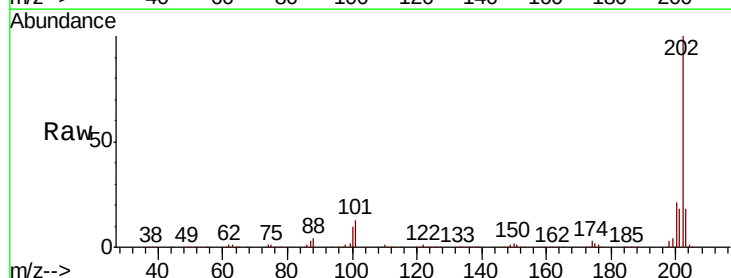
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

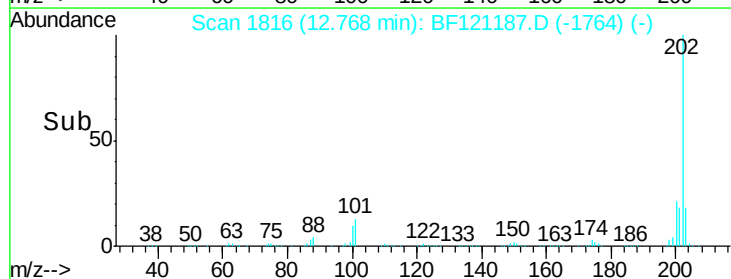
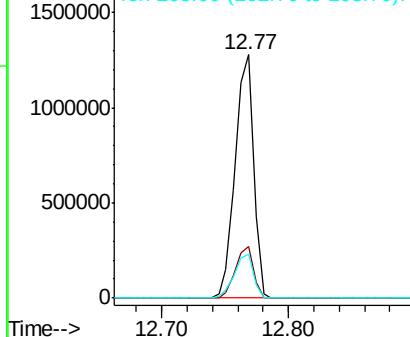
Lab File: BF121187.D

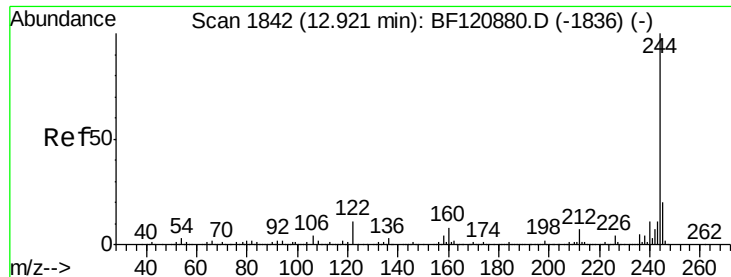
Acq: 5 Aug 2020 11:26

Tgt Ion:	202	Resp:	1279565
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	18.1	14.6	21.8



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





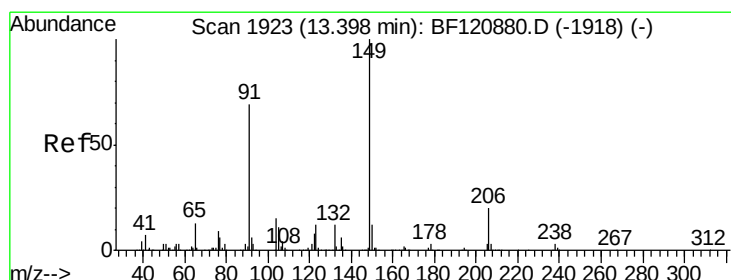
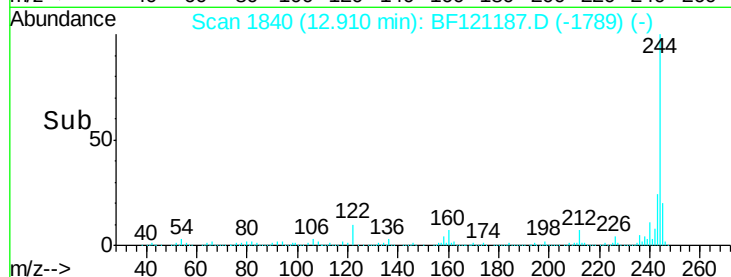
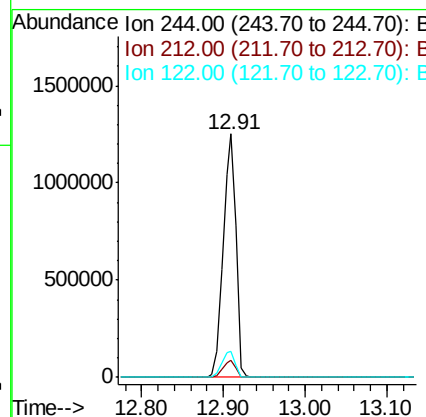
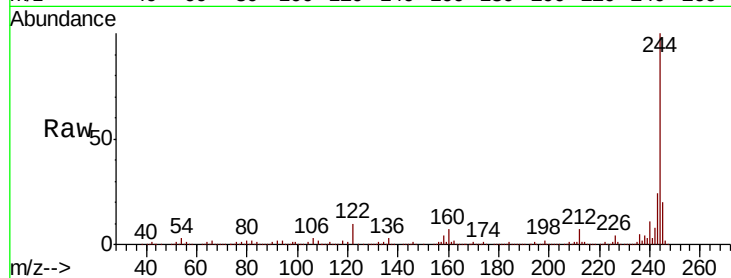
#79
 Terphenyl-d14
 Concen: 67.544 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.5	8.3	12.5

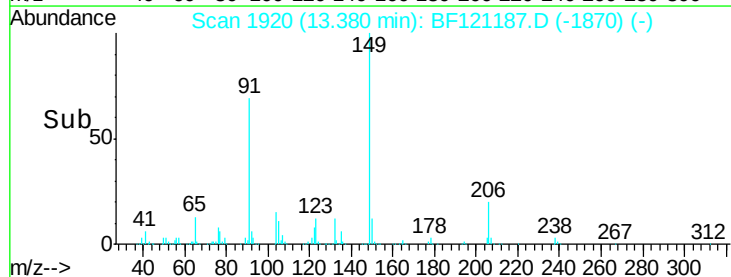
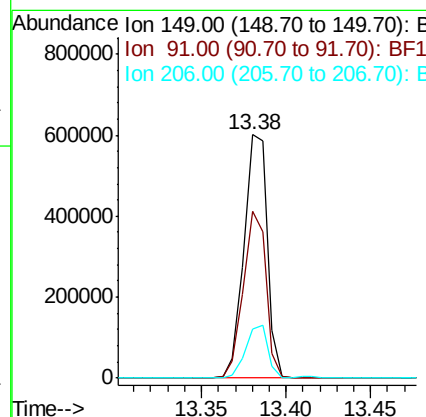
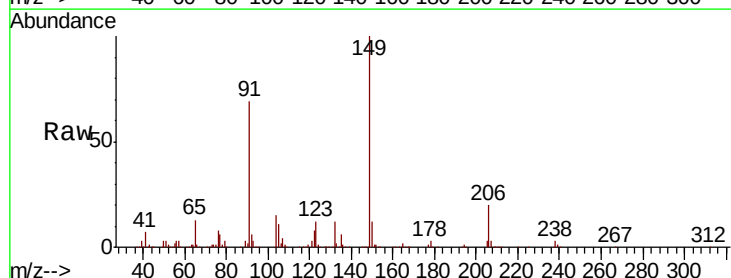
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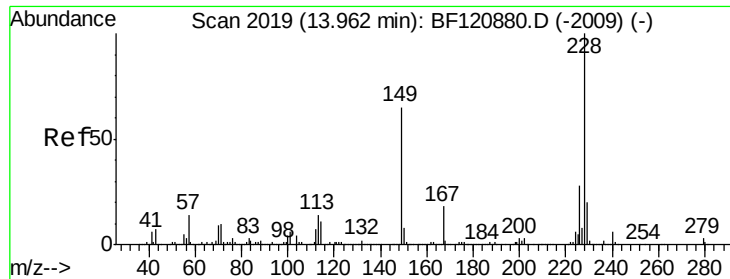
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.988 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	51.4	77.0
206	20.2	17.9	26.9





#81

Benzo(a)anthracene

Concen: 40.991 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

Tot Ion:228 Resp: 1086963

Ion Ratio Lower Upper

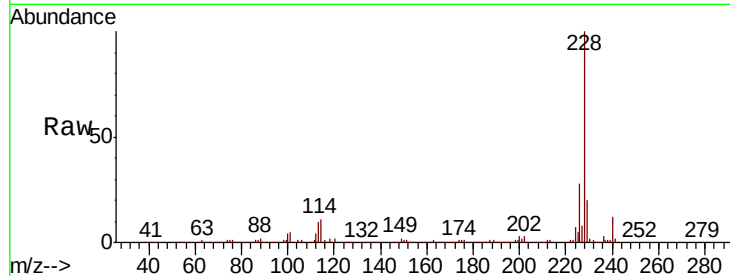
228 100

226 28.1 22.6 34.0

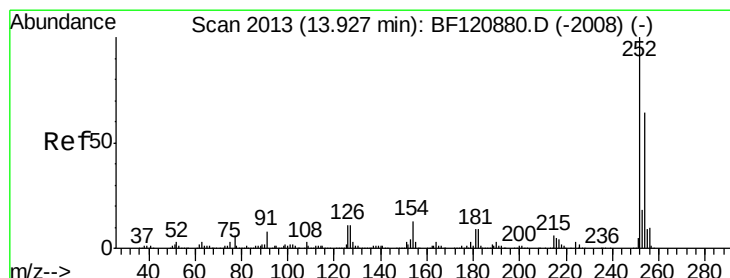
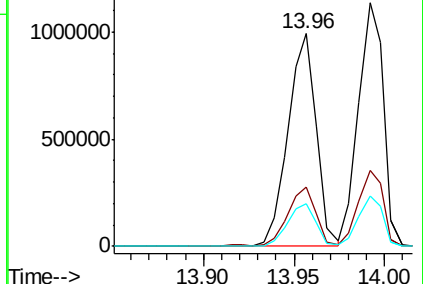
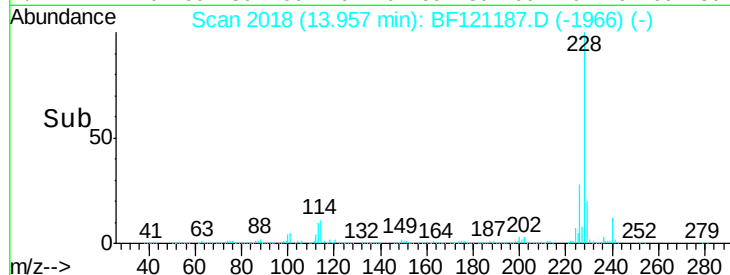
229 20.3 16.1 24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 37.205 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

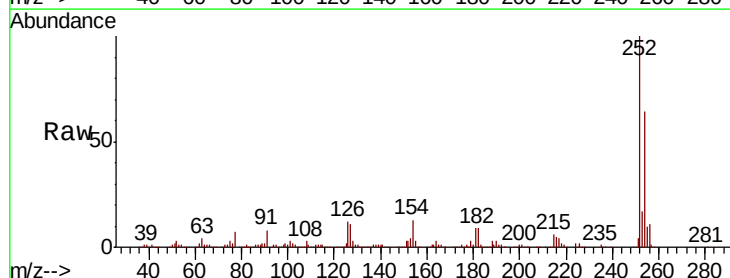
Tgt Ion:252 Resp: 372202

Ion Ratio Lower Upper

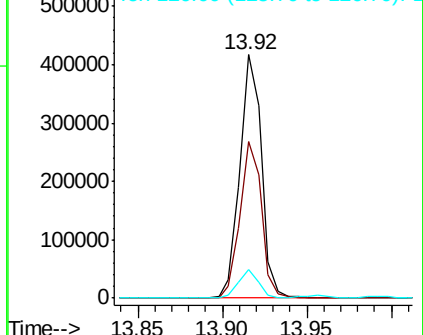
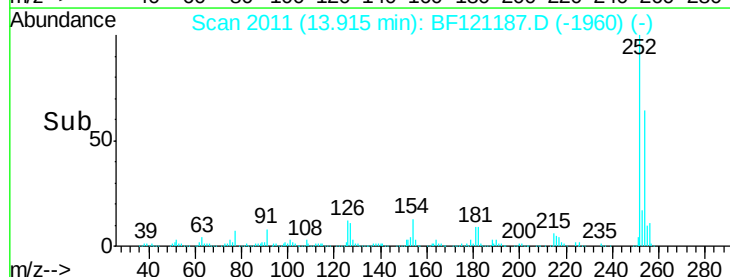
252 100

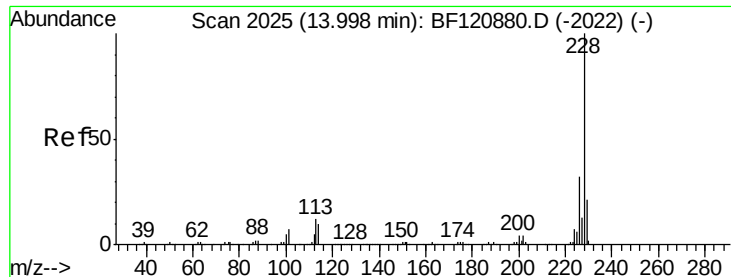
254 64.5 51.3 76.9

126 11.8 9.2 13.8



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





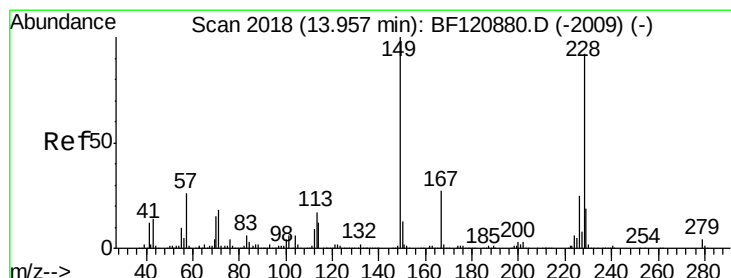
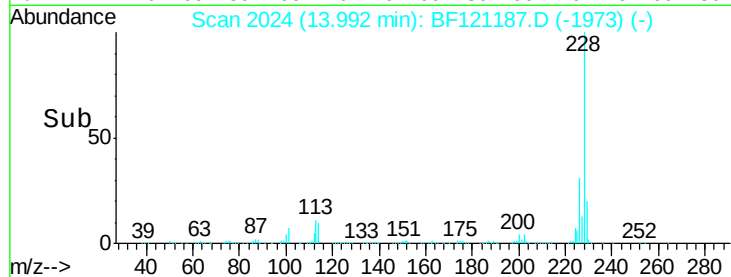
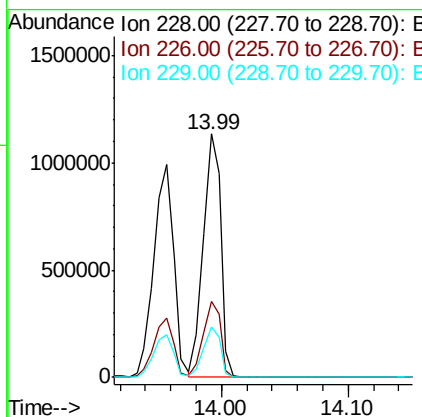
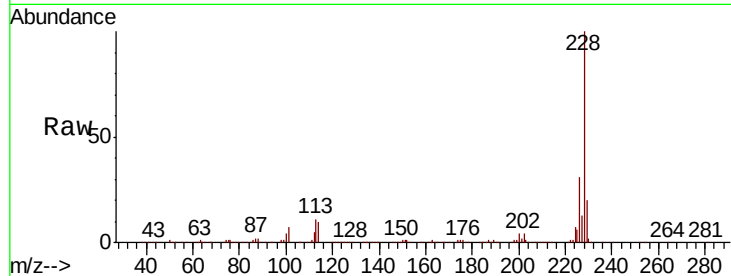
#83
Chrysene
Concen: 39.272 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.5	16.2	24.4

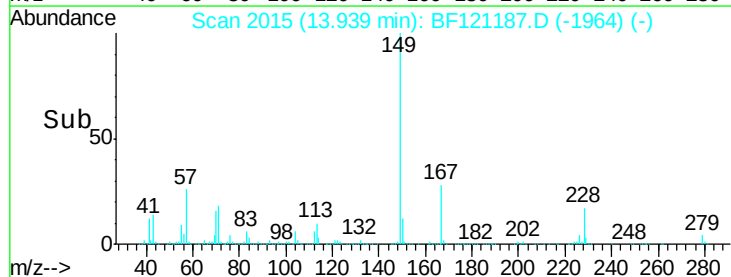
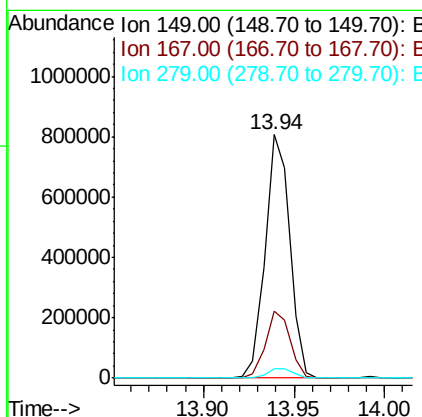
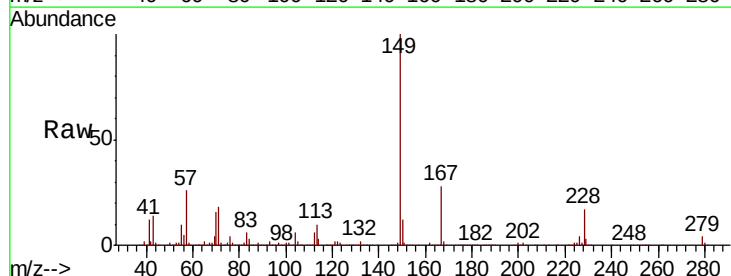
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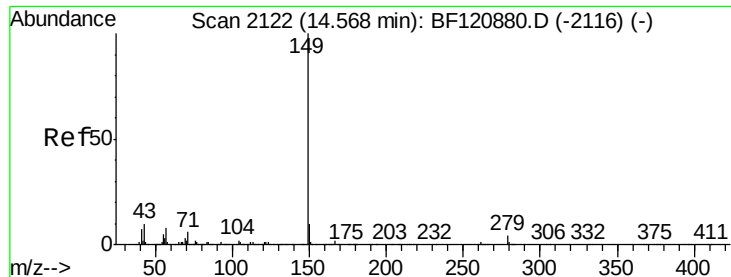
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.853 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	3.6	2.9	4.3





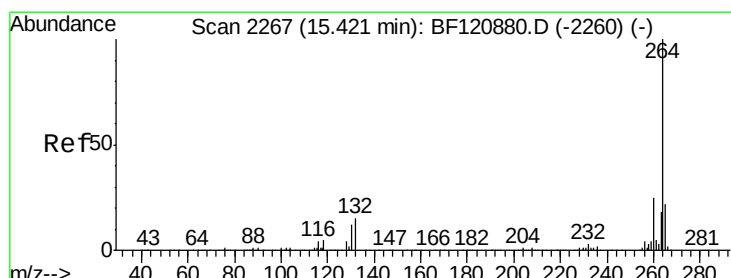
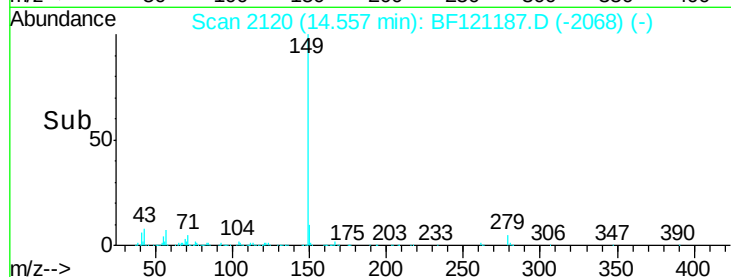
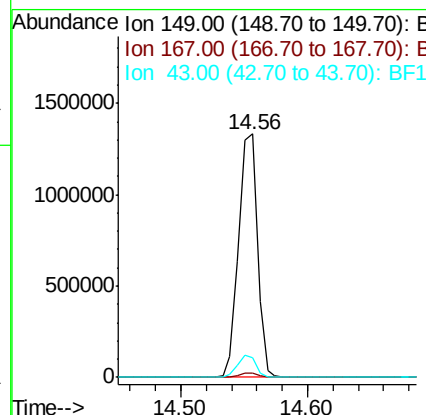
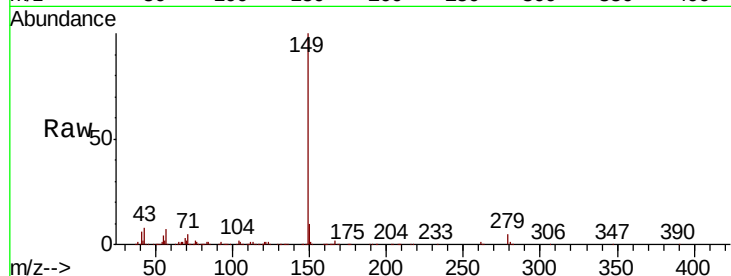
#85
Di-n-octyl phthalate
Concen: 40.254 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	1362960		
167	1.5		1.3	1.9
43	8.9		7.5	11.3

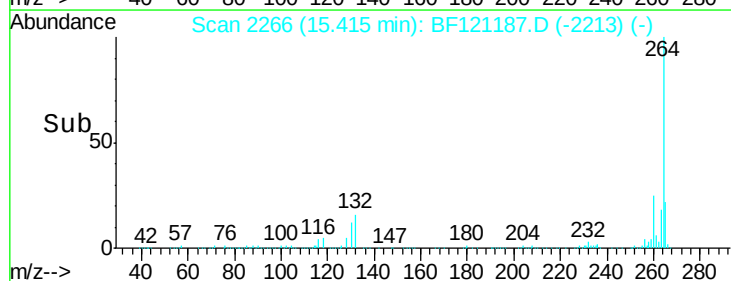
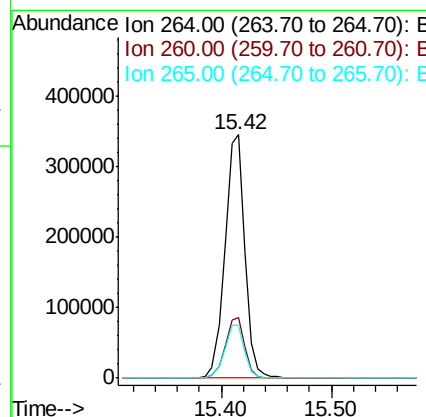
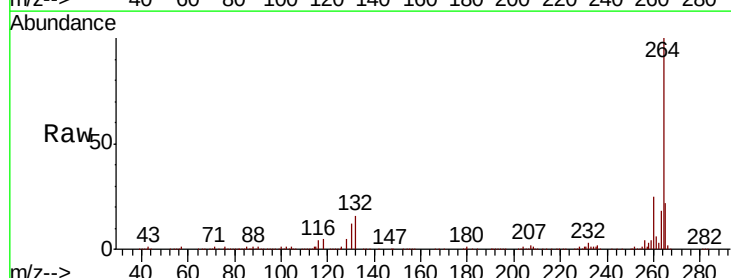
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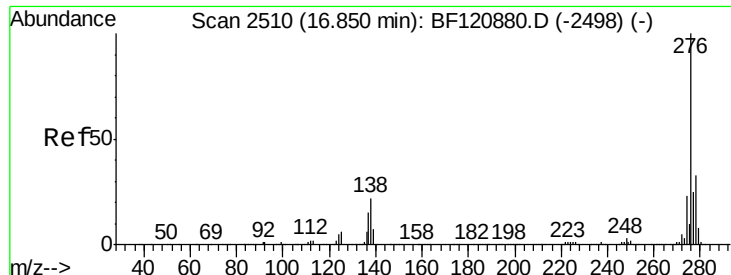
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	431519		
260	24.9		19.9	29.9
265	21.7		17.8	26.8





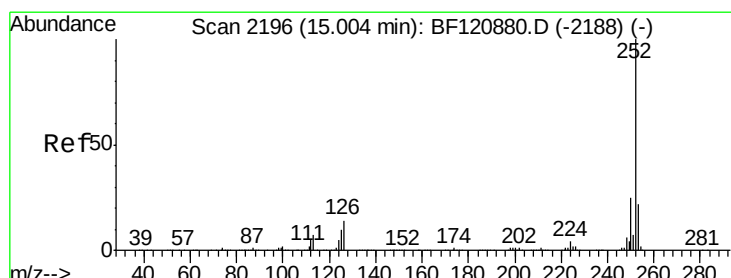
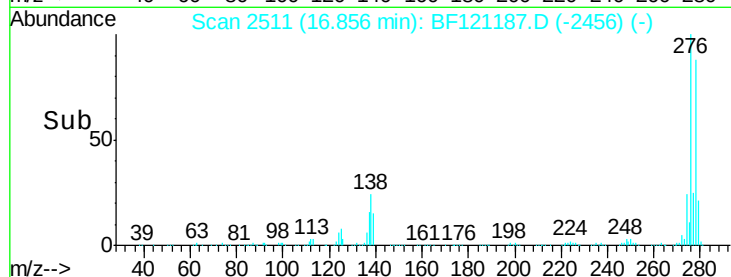
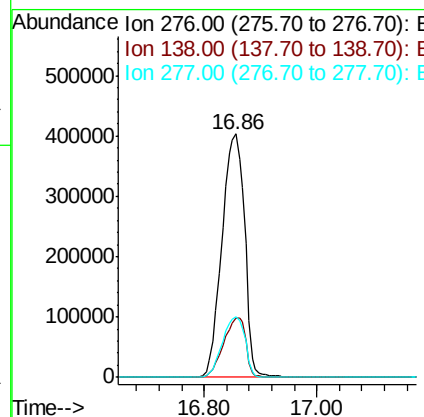
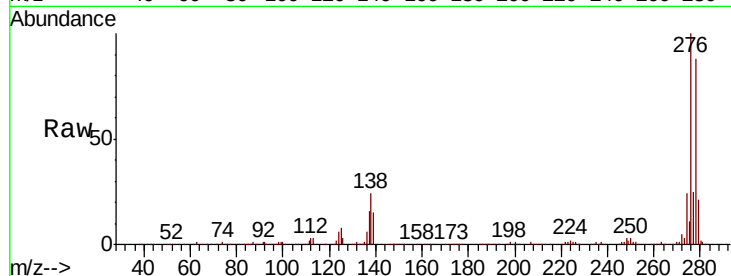
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.639 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	25.0	20.1	30.1

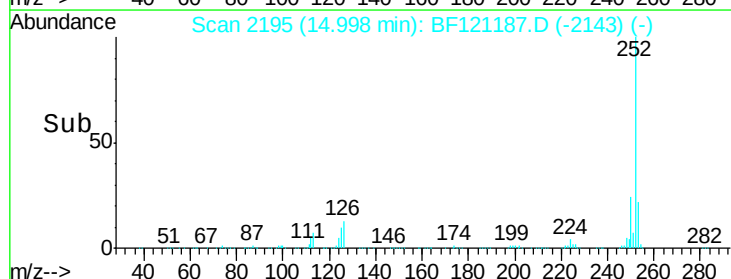
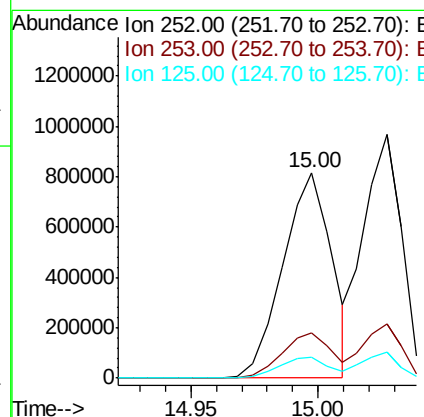
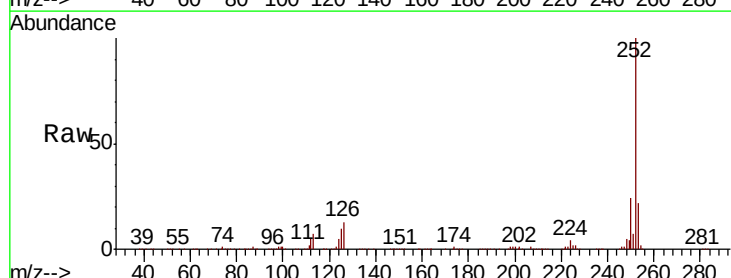
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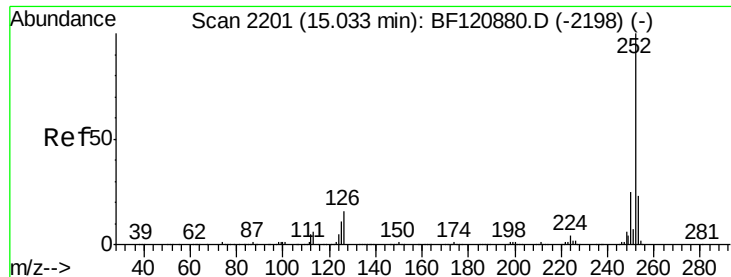
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 41.949 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.1	8.1	12.1





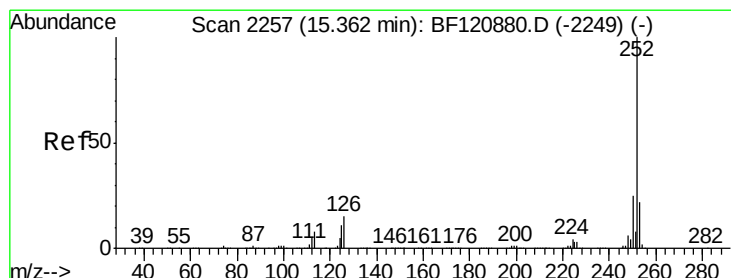
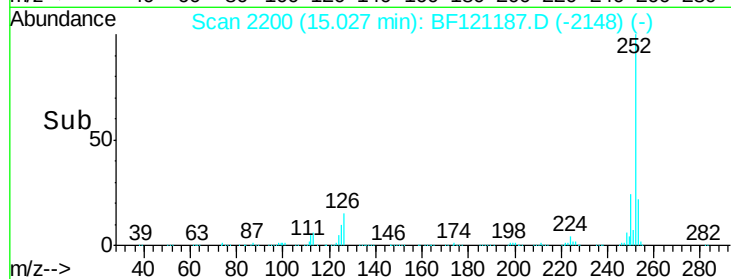
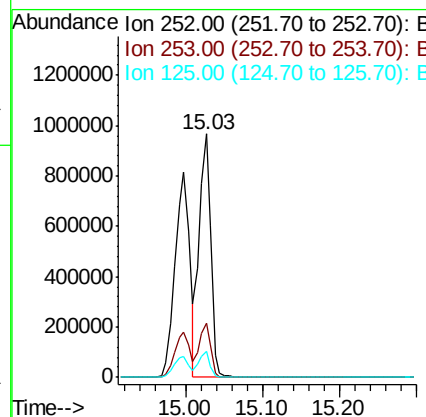
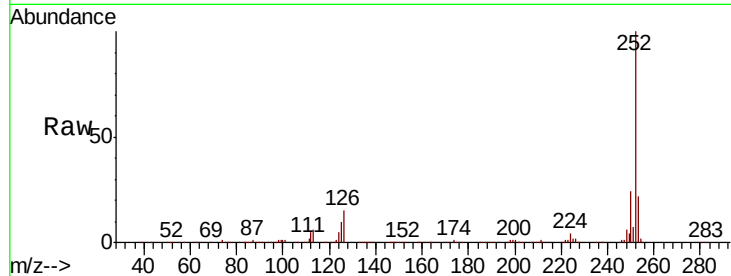
#89
Benzo(k)fluoranthene
Concen: 43.199 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.5	8.0	12.0

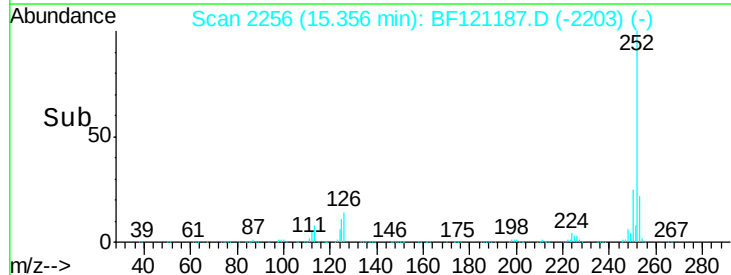
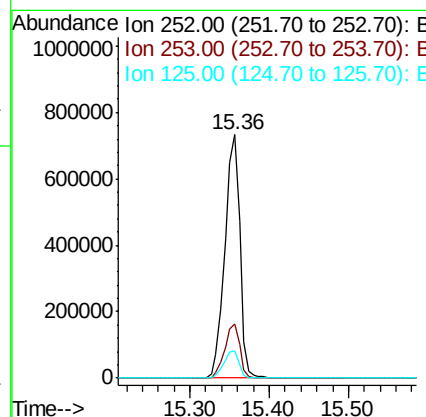
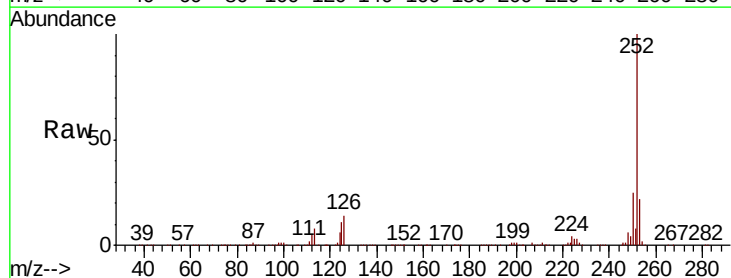
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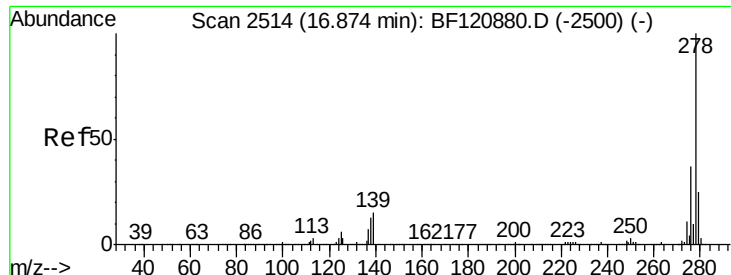
mohammad
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#90
Benzo(a)pyrene
Concen: 40.533 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.0	9.5	14.3





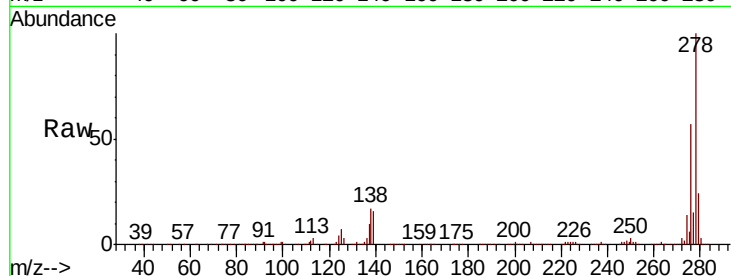
#91
Dibenzo(a,h)anthracene
Concen: 38.125 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

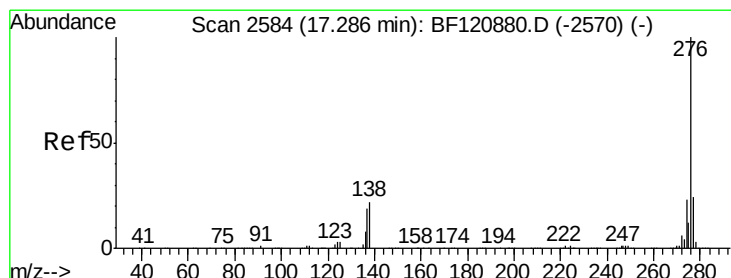
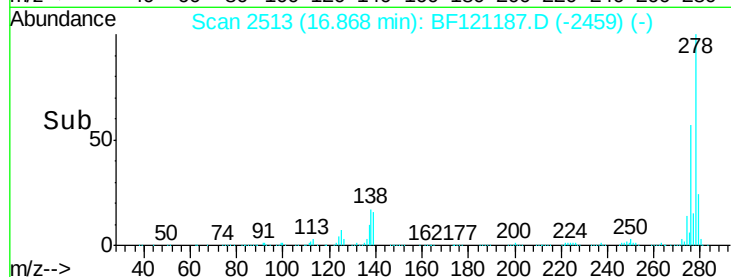
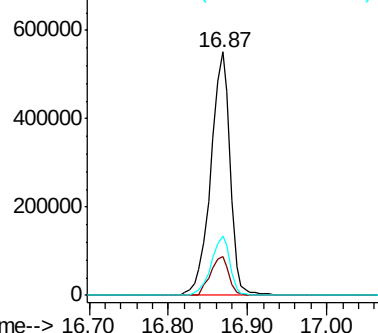
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	18.8
279	24.2	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:57 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: 38.727 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	20.6	17.2	25.8

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

