

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121866.D
 Acq On : 7 Oct 2020 11:07
 Operator : JU/CG
 Sample : PB132129BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

Manual Integrations
 APPROVED

mohammad
 10/8/2020 12:29:01 PM

Quant Time: Oct 07 12:18:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135410	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	558955	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	297743	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	555686	20.00	ng	0.00
76) Chrysene-d12	13.93	240	444119	20.00	ng	0.00
86) Perylene-d12	15.37	264	344320	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	926805	101.72	ng	0.01
7) Phenol-d6	6.42	99	1208947	101.13	ng	0.00
23) Nitrobenzene-d5	7.34	82	1045509	100.43	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	368844	99.67	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1771114	90.09	ng	0.00
79) Terphenyl-d14	12.87	244	1661250	75.78	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	149400	35.690	ng	99
3) Pyridine	3.31	79	327294	28.283	ng	98
4) n-Nitrosodimethylamine	3.26	42	208671	38.875	ng	99
6) Aniline	6.43	93	412043	26.466	ng	# 39
8) 2-Chlorophenol	6.56	128	387248	41.743	ng	97
9) Benzaldehyde	6.32	77	212126	27.145	ng	99
10) Phenol	6.43	94	479090	37.636	ng	93
11) bis(2-Chloroethyl)ether	6.50	93	390441	40.696	ng	99
12) 1,3-Dichlorobenzene	6.70	146	405689	39.180	ng	99
13) 1,4-Dichlorobenzene	6.78	146	409033	39.342	ng	99
14) 1,2-Dichlorobenzene	6.94	146	369368	38.565	ng	99
15) Benzyl Alcohol	6.92	79	323699	39.840	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	598499	38.766	ng	88
17) 2-Methylphenol	7.03	107	328485	41.615	ng	# 93
18) Hexachloroethane	7.27	117	152602	40.992	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	279895	40.627	ng	100
20) 3+4-Methylphenols	7.19	107	395405	41.693	ng	# 84
22) Acetophenone	7.18	105	536599	37.837	ng	96
24) Nitrobenzene	7.35	77	428986	38.100	ng	99
25) Isophorone	7.59	82	790310	37.712	ng	100
26) 2-Nitrophenol	7.67	139	211693	40.367	ng	97
27) 2,4-Dimethylphenol	7.71	122	345341	36.917	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	492334	37.949	ng	100
29) 2,4-Dichlorophenol	7.92	162	329817	38.711	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	338942	37.772	ng	99
31) Naphthalene	8.07	128	1108622	37.572	ng	99
32) Benzoic acid	7.87	122	183650	29.447	ng	99
33) 4-Chloroaniline	8.12	127	347291	27.153	ng	99
34) Hexachlorobutadiene	8.19	225	199695	37.914	ng	99
35) Caprolactam	8.51	113	109183m	38.481	ng	
36) 4-Chloro-3-methylphenol	8.62	107	357781	38.981	ng	99
37) 2-Methylnaphthalene	8.76	142	741506	38.347	ng	99
38) 1-Methylnaphthalene	8.86	142	691045	38.399	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	348998	37.525	ng	99

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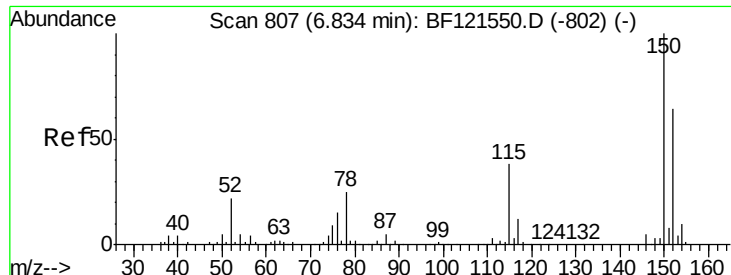
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	232527	43.780	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	229144	36.146	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	240853	35.939	nq	97
46) 1,1'-Biphenyl	9.23	154	881116	36.965	nq	100
47) 2-Chloronaphthalene	9.25	162	680757	36.242	nq	100
48) 2-Nitroaniline	9.35	65	242301	41.511	nq	96
49) Acenaphthylene	9.67	152	1079512	37.405	nq	100
50) Dimethylphthalate	9.53	163	825633	38.259	nq	99
51) 2,6-Dinitrotoluene	9.60	165	184947	40.243	nq	87
52) Acenaphthene	9.84	154	622866	34.170	nq	99
53) 3-Nitroaniline	9.77	138	148851	27.959	nq	91
54) 2,4-Dinitrophenol	9.89	184	175194	67.666	nq	100
55) Dibenzofuran	10.01	168	910556	35.471	nq	98
56) 4-Nitrophenol	9.95	139	232089	54.662	nq	89
57) 2,4-Dinitrotoluene	10.00	165	229744	39.736	nq	# 90
58) Fluorene	10.35	166	722906	36.824	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	195720	35.923	nq	99
60) Diethylphthalate	10.23	149	804808	38.251	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	357354	38.000	nq	99
62) 4-Nitroaniline	10.39	138	197016	37.270	nq	99
63) Azobenzene	10.50	77	825536	36.845	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	134589	40.688	nq	94
66) n-Nitrosodiphenylamine	10.47	169	695076	36.460	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	236912	37.446	nq	99
68) Hexachlorobenzene	10.90	284	266684	37.351	nq	94
69) Atrazine	10.99	200	204777	43.235	nq	99
70) Pentachlorophenol	11.10	266	222858	56.835	nq	98
71) Phenanthrene	11.32	178	1082529	35.755	nq	99
72) Anthracene	11.37	178	1122641	35.932	nq	99
73) Carbazole	11.52	167	1024956	36.353	nq	99
74) Di-n-butylphthalate	11.85	149	1244306	38.238	nq	99
75) Fluoranthene	12.50	202	1185190	36.671	nq	98
77) Benzidine	12.63	184	380879	25.869	nq	99
78) Pyrene	12.73	202	1197023	36.890	nq	99
80) Butylbenzylphthalate	13.34	149	537171	40.933	nq	99
81) Benzo(a)anthracene	13.92	228	1071608	38.139	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	352340	32.121	nq	99
83) Chrysene	13.96	228	1029331	36.178	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	728965	41.580	nq	99
85) Di-n-octyl phthalate	14.52	149	1215616	39.290	nq	99
87) Indeno(1,2,3-cd)pyrene	16.80	276	912403	40.690	nq	100
88) Benzo(b)fluoranthene	14.96	252	984160	42.756	nq	99
89) Benzo(k)fluoranthene	14.99	252	950101	45.074	nq	99
90) Benzo(a)pyrene	15.32	252	864150	44.165	nq	99
91) Dibenzo(a,h)anthracene	16.81	278	762359	40.843	nq	99
92) Benzo(g,h,i)perylene	17.23	276	755986	41.203	nq	97

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



#1

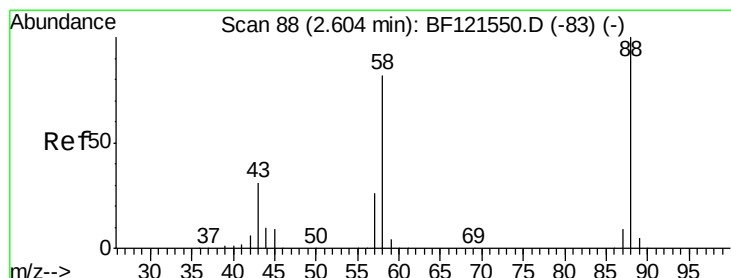
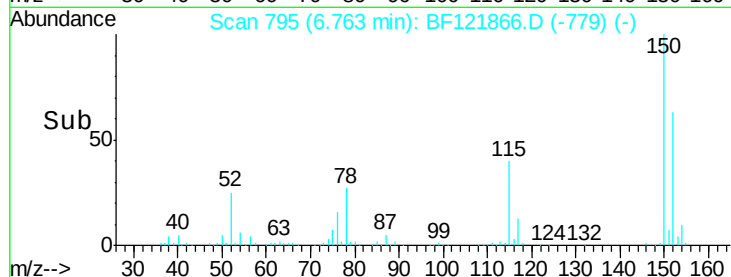
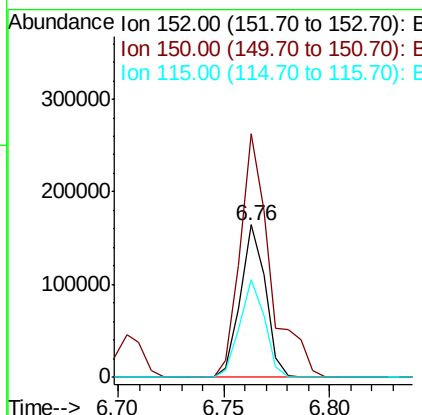
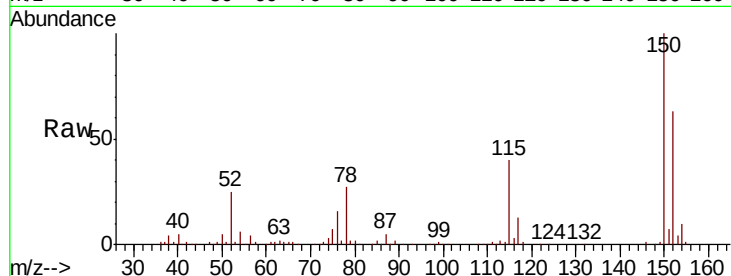
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.3	187.9
115	63.7	51.9	77.9

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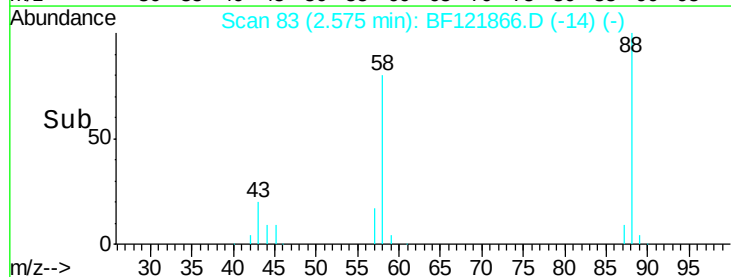
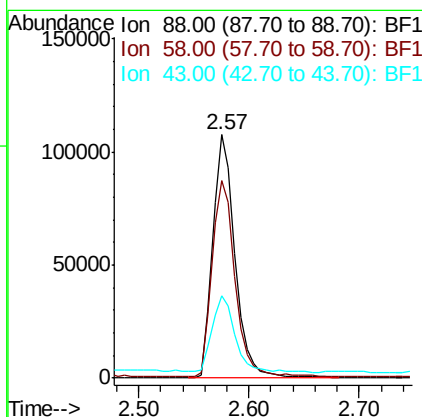
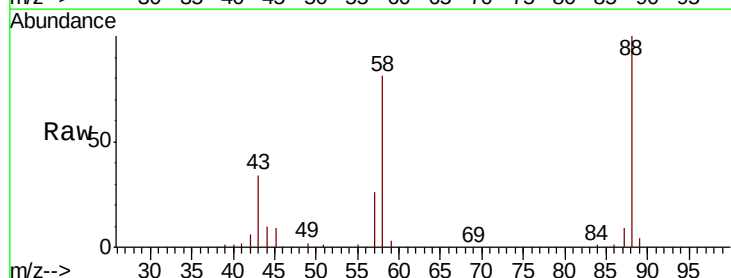
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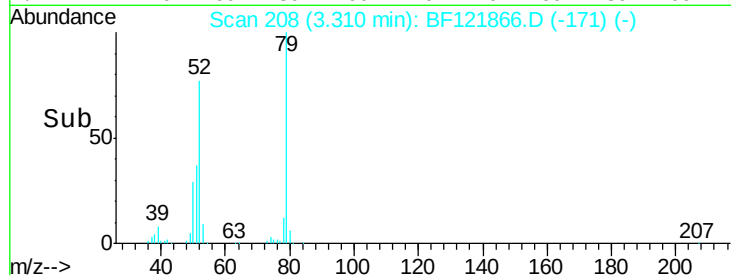
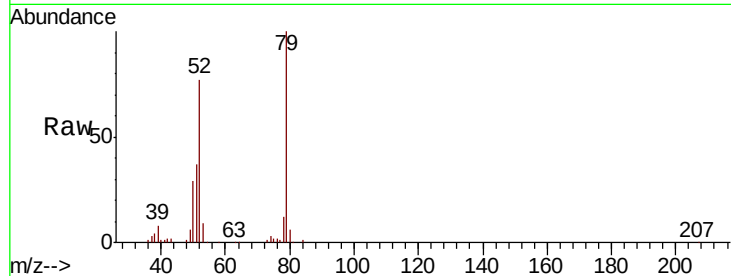
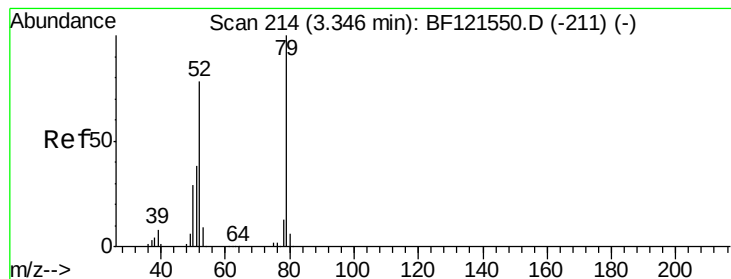


#2

1,4-Dioxane
Concen: 35.690 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.11 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	65.8	98.8
43	33.0	25.8	38.8





#3

Pvridine

Concen: 28.283 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.12 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tot Ion:	79	Resp:	327294
Ion Ratio	Lower	Upper	
79	100		
52	76.6	62.2	93.4
51	37.4	31.1	46.7

Instrument :

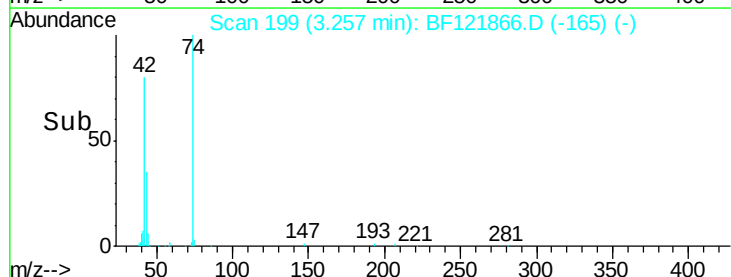
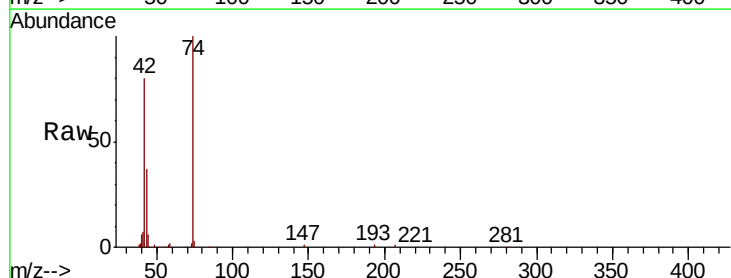
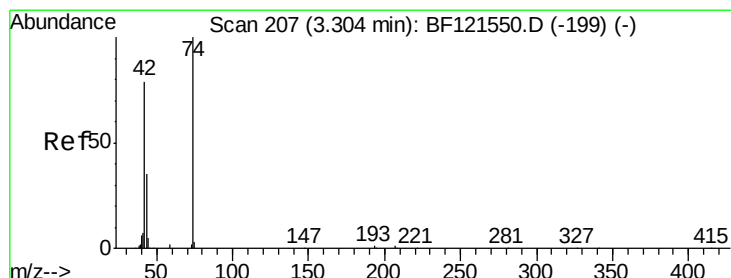
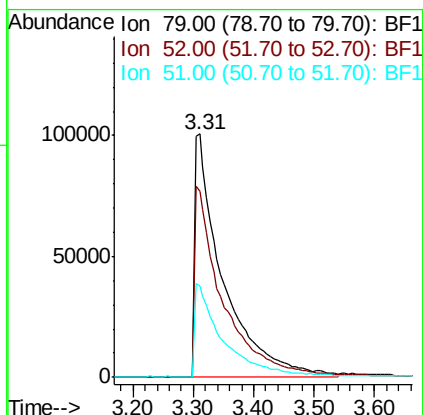
BNA_F

ClientSampleId :

PB132129BS

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#4

n-Nitrosodimethylamine

Concen: 38.875 ng

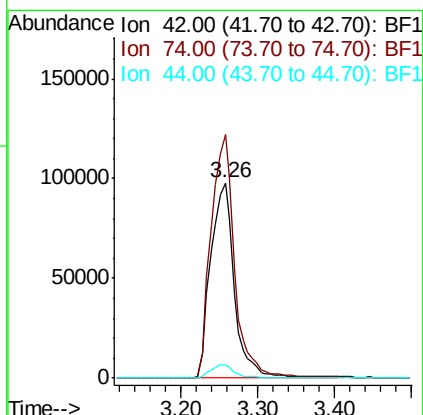
RT: 3.26 min Scan# 199

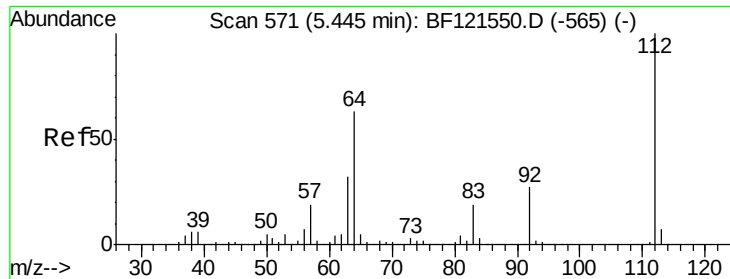
Delta R.T. 0.10 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tgt Ion:	42	Resp:	208671
Ion Ratio	Lower	Upper	
42	100		
74	124.5	100.2	150.2
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 101.717 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

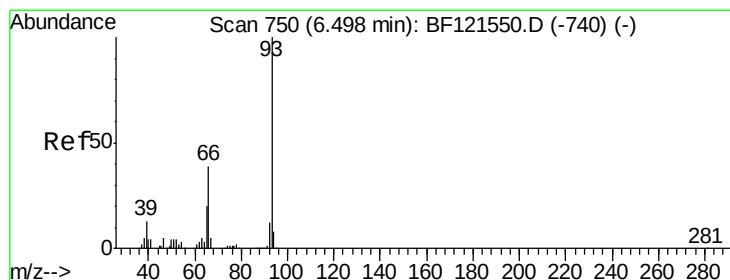
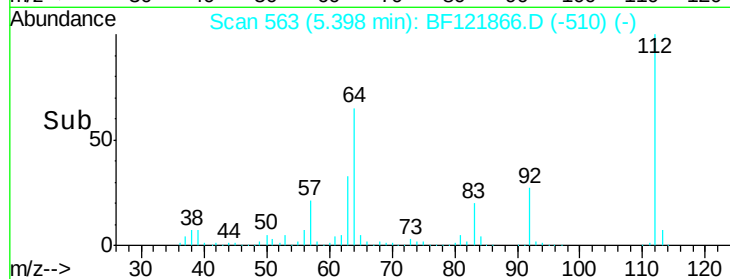
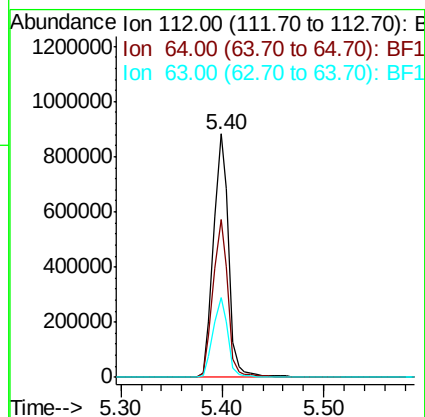
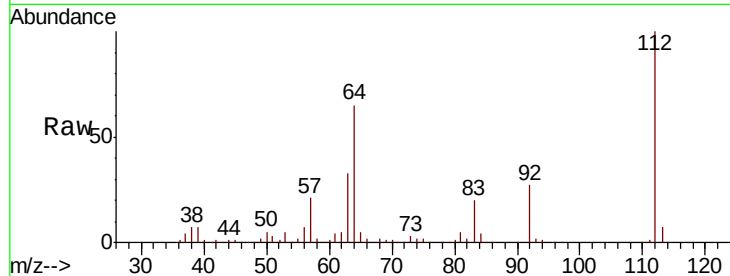
ClientSampleId :

PB132129BS

Tot Ion:	112	Resp:	926805
Ion Ratio	Lower	Upper	
112	100		
64	65.0	50.4	75.6
63	32.9	25.8	38.6

Manual Integrations
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#6

Aniline

Concen: 26.466 ng

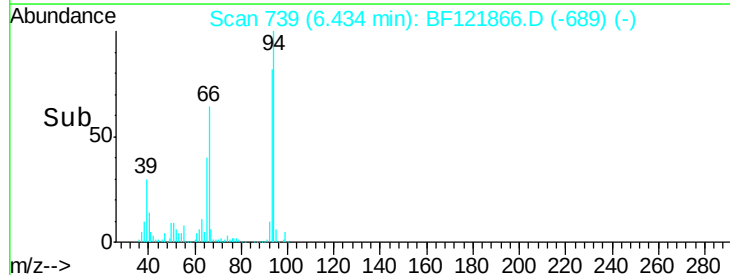
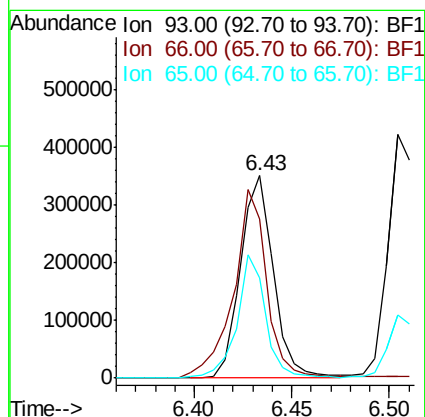
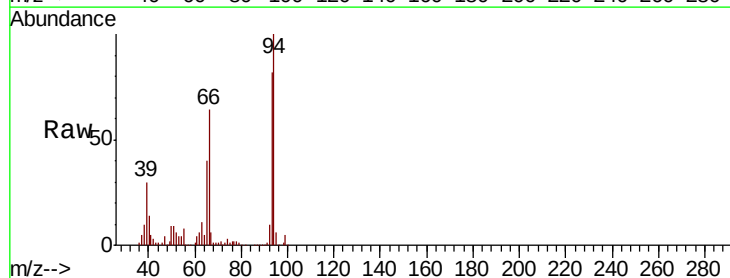
RT: 6.43 min Scan# 739

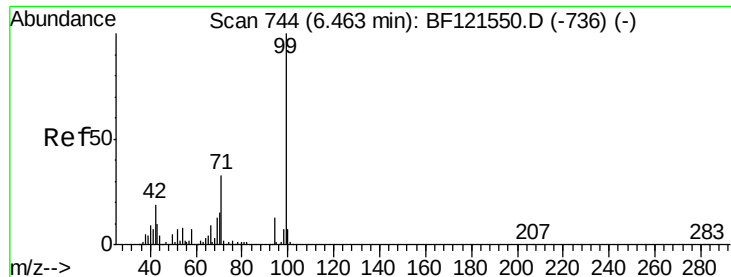
Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tgt Ion:	93	Resp:	412043
Ion Ratio	Lower	Upper	
93	100		
66	78.4	32.7	49.1#
65	49.5	16.6	24.8#





#7

Phenol-d6

Concen: 101.134 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

ClientSampleId :

PB132129BS

Tot Ion: 99 Resp: 1208947

Ion Ratio Lower Upper

99 100

42 20.5 15.9 23.9

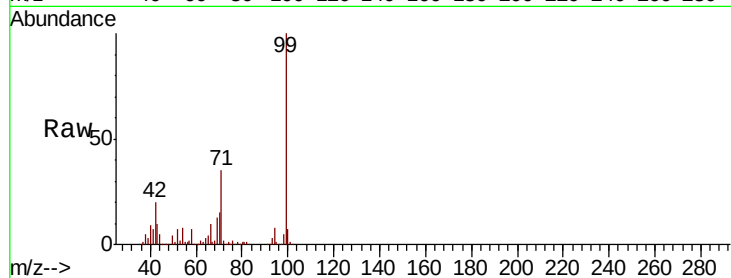
71 35.4 27.1 40.7

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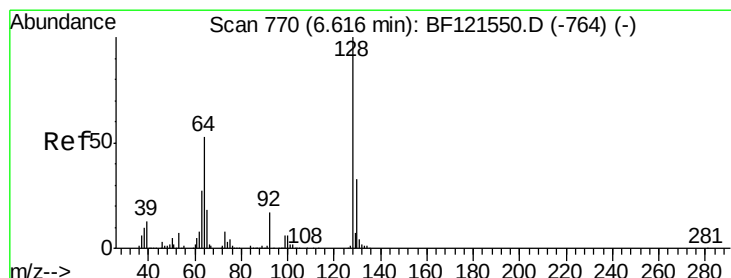
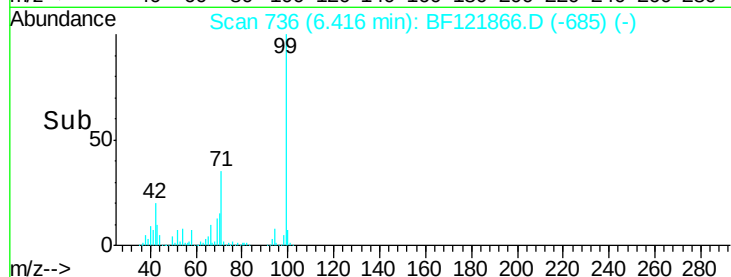
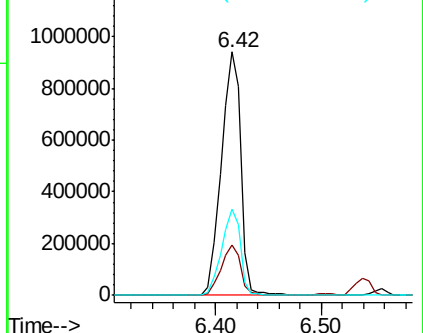
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.743 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

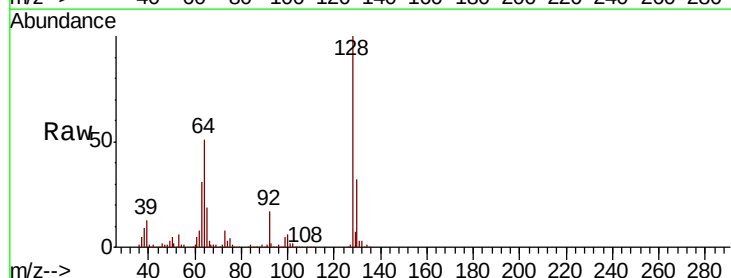
Tgt Ion: 128 Resp: 387248

Ion Ratio Lower Upper

128 100

130 32.3 12.4 52.4

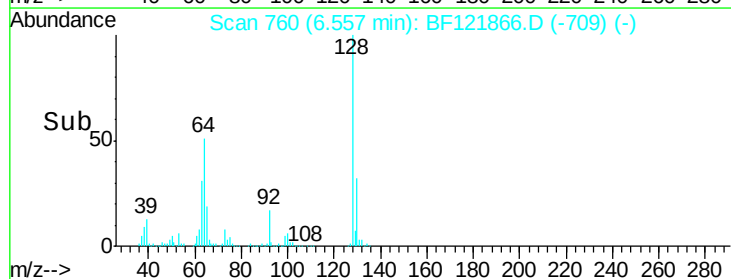
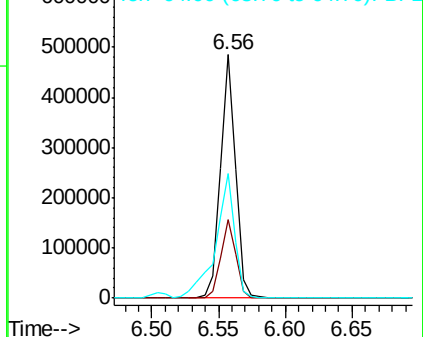
64 50.9 34.8 74.8

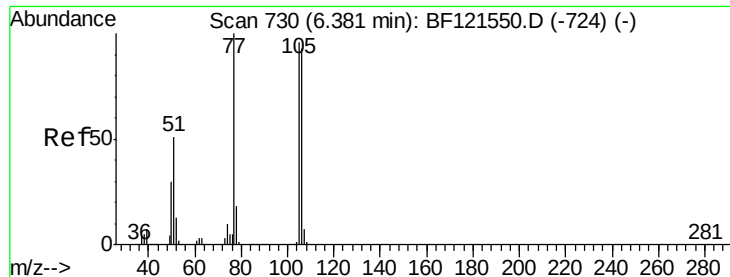


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.145 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

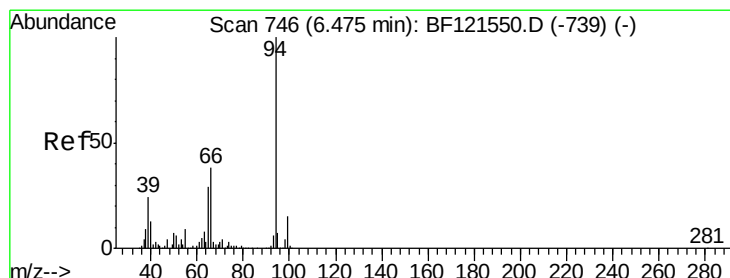
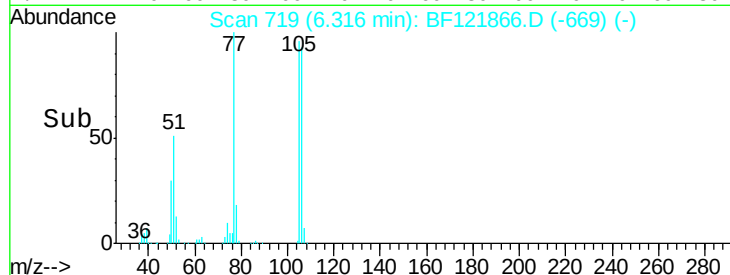
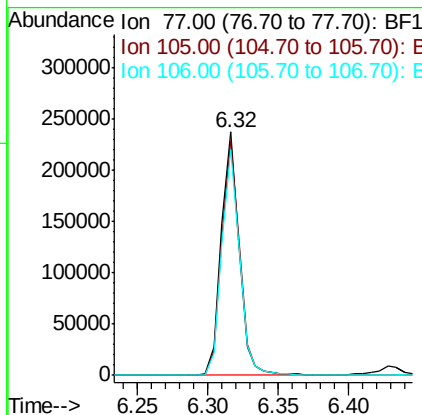
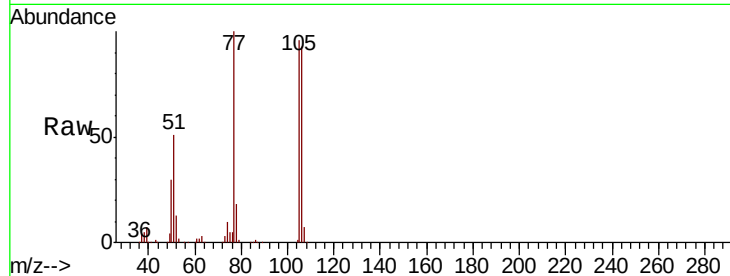
ClientSampleId :

PB132129BS

Tot Ion:	77	Resp:	212126
Ion Ratio	Lower	Upper	
77	100		
105	96.4	76.7	116.7
106	92.8	71.3	111.3

Manual Integrations
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#10

Phenol

Concen: 37.636 ng

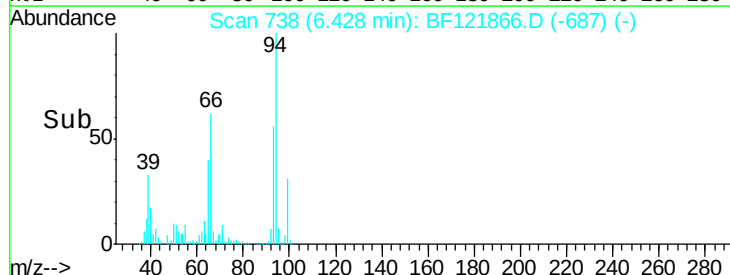
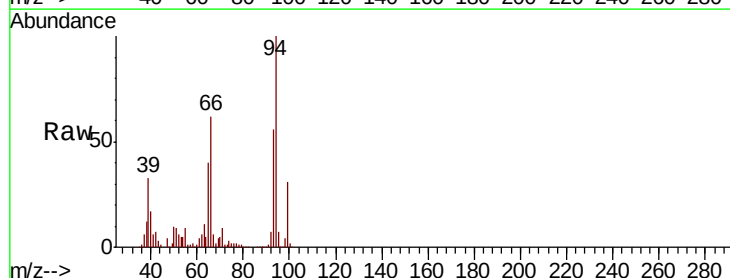
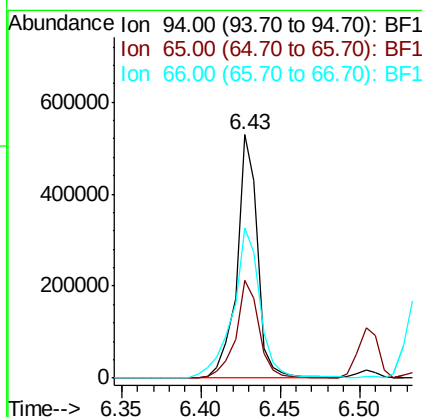
RT: 6.43 min Scan# 738

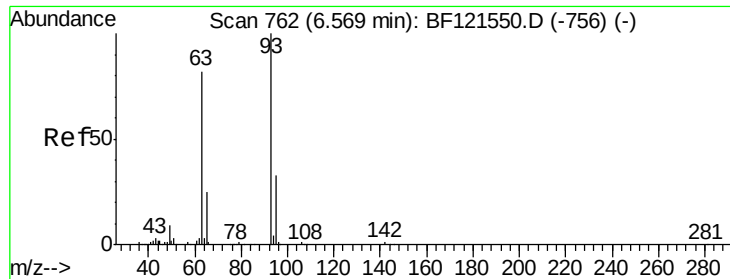
Delta R.T. -0.00 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tgt Ion:	94	Resp:	479090
Ion Ratio	Lower	Upper	
94	100		
65	40.4	17.1	57.1
66	61.8	36.0	76.0





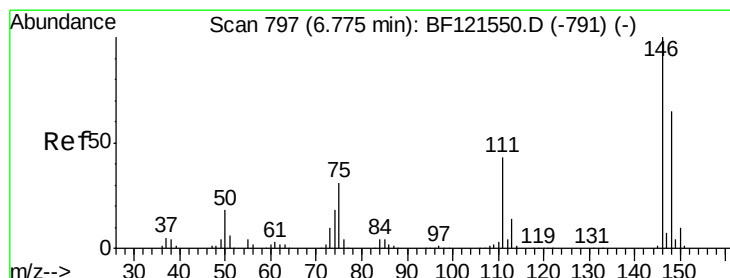
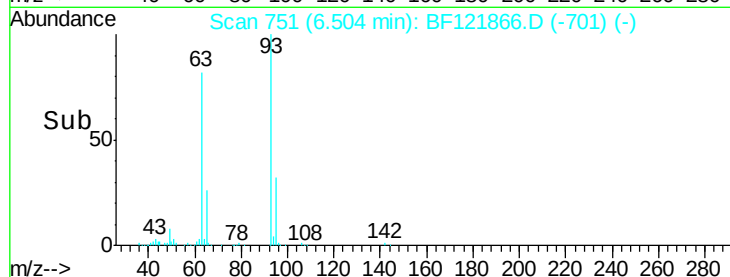
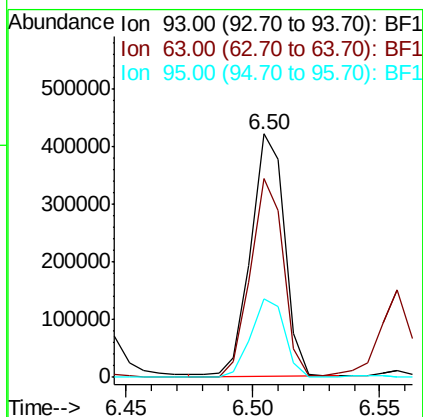
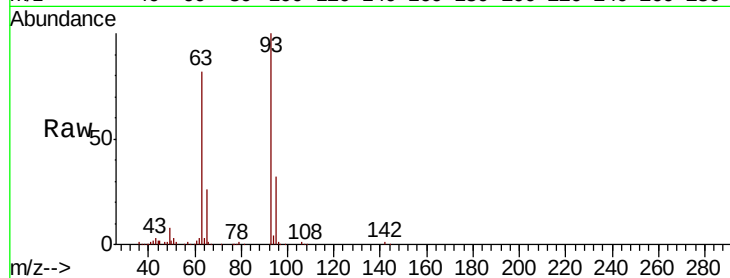
#11
bis(2-Chloroethyl)ether
Concen: 40.696 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		390441		
63	81.8	62.4	102.4		
95	32.3	12.6	52.6		

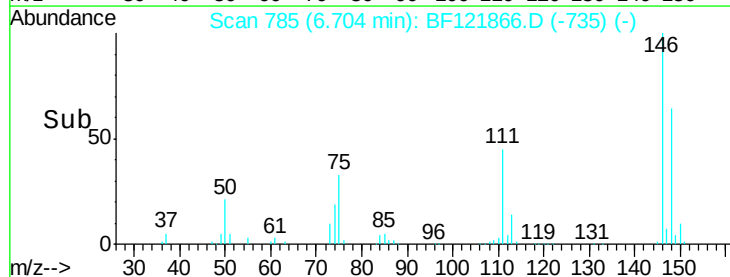
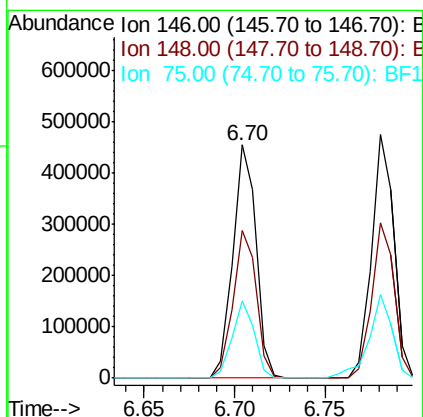
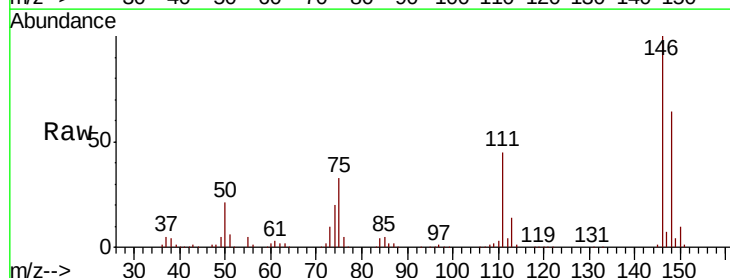
Manual Integrations
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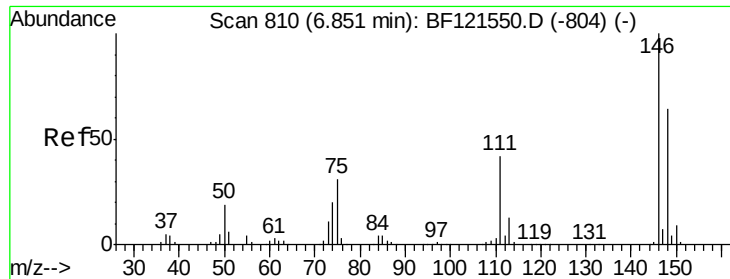
mohammad
10/8/2020 12:29:01 PM



#12
1,3-Dichlorobenzene
Concen: 39.180 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		405689		
148	63.5	51.0	76.4		
75	33.4	27.6	41.4		





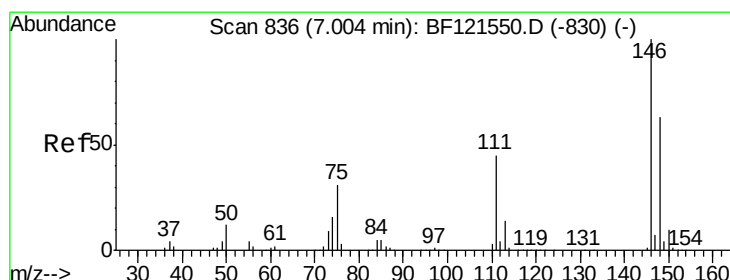
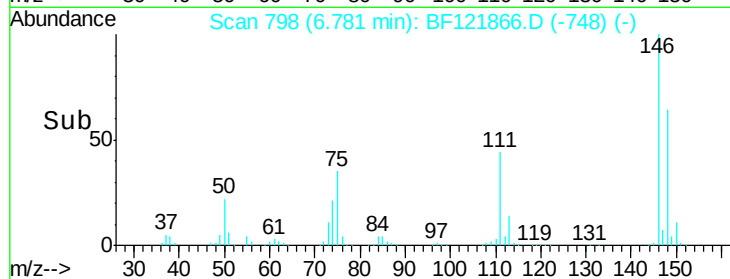
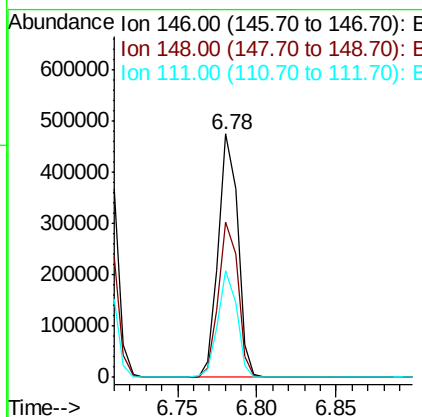
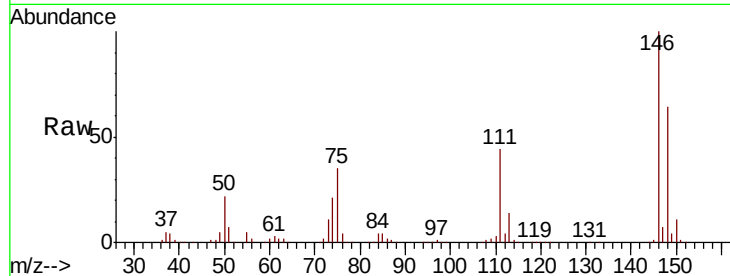
#13
 1,4-Dichlorobenzene
 Concen: 39.342 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.1	75.1
111	44.0	34.6	52.0

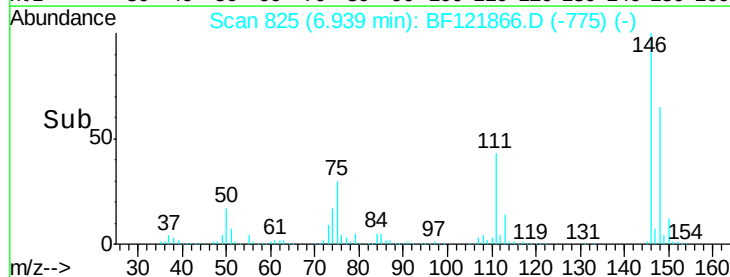
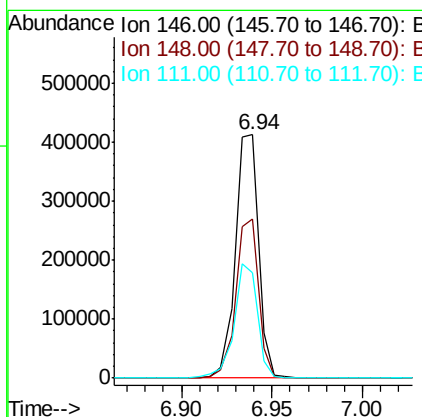
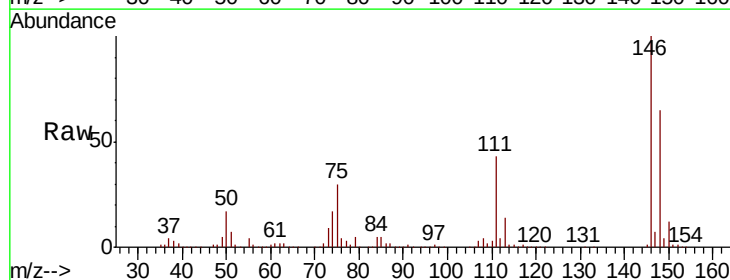
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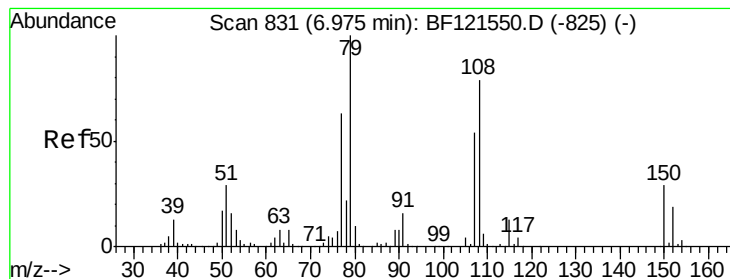
mohammad
 10/8/2020 12:29:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.565 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	43.3	34.2	51.4





#15

Benzyl Alcohol

Concen: 39.840 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

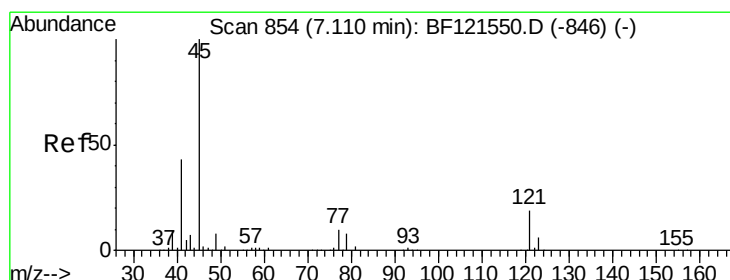
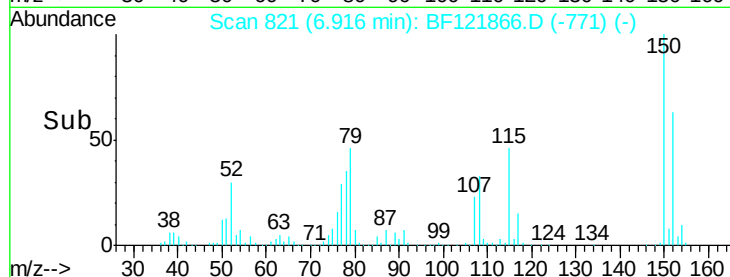
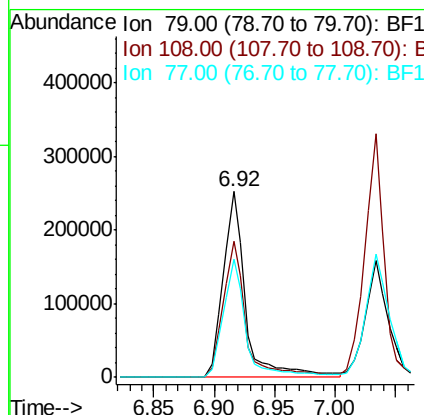
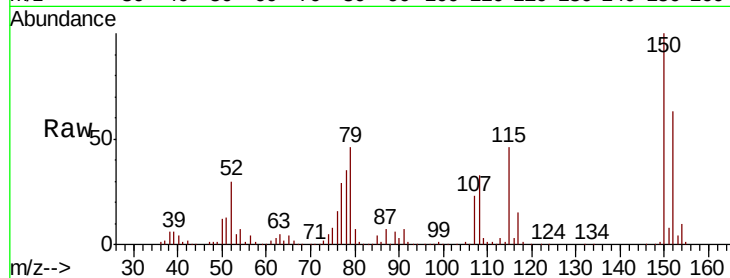
ClientSampleID :

PB132129BS

Tot Ion:	79	Resp:	323699
Ion Ratio	Lower	Upper	
79	100		
108	73.1	62.3	93.5
77	63.7	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.766 ng

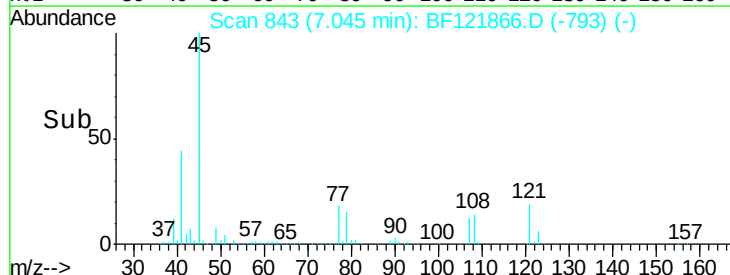
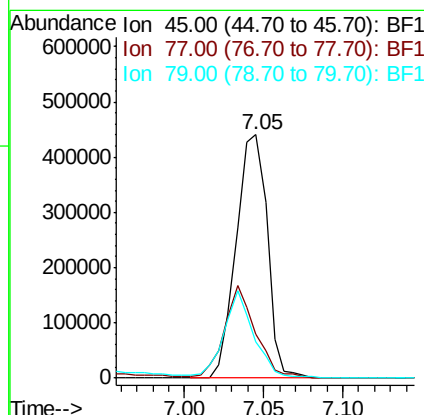
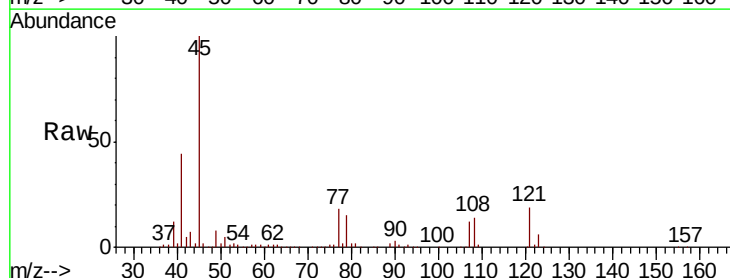
RT: 7.05 min Scan# 843

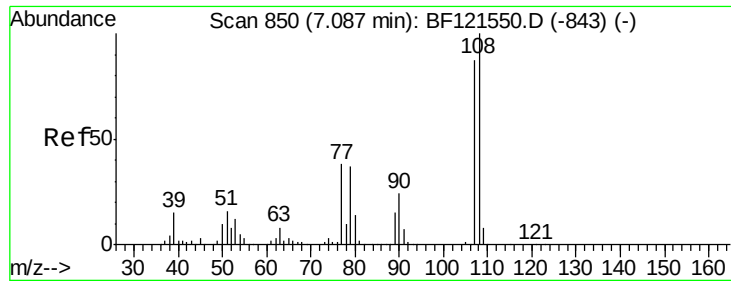
Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tgt Ion:	45	Resp:	598499
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	33.3
79	15.1	0.0	30.4





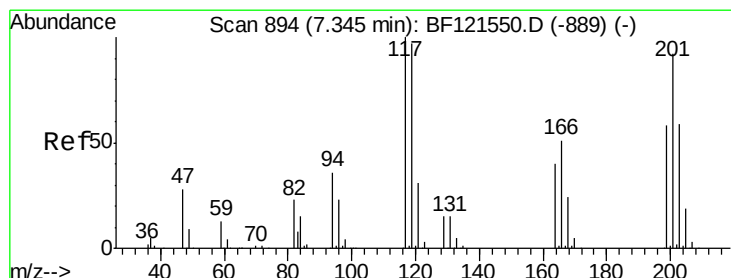
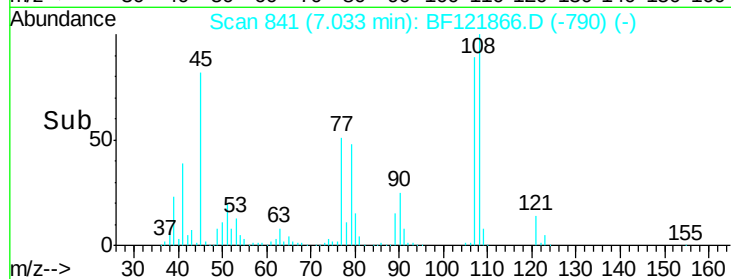
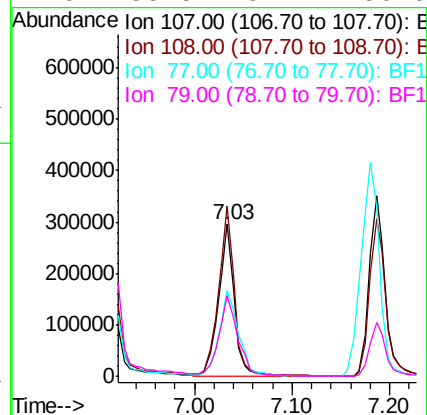
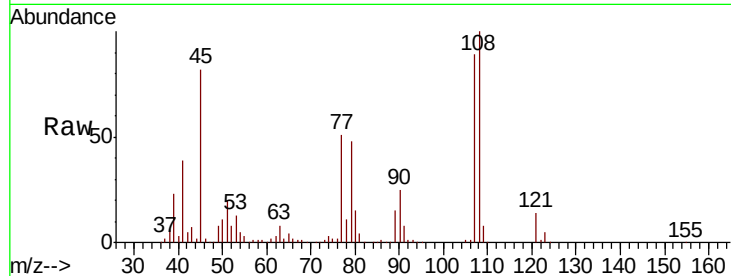
#17
2-Methylphenol
Concen: 41.615 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	90.9	136.3	
77	56.8	37.5	56.3	
79	53.5	37.4	56.0	

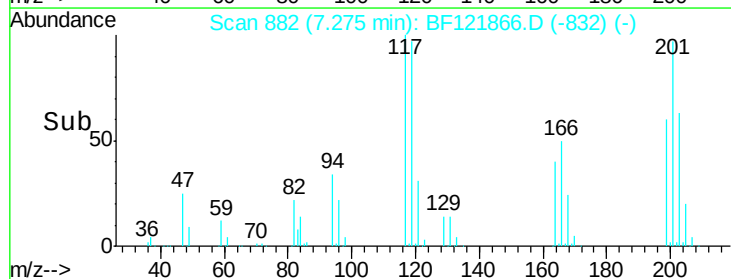
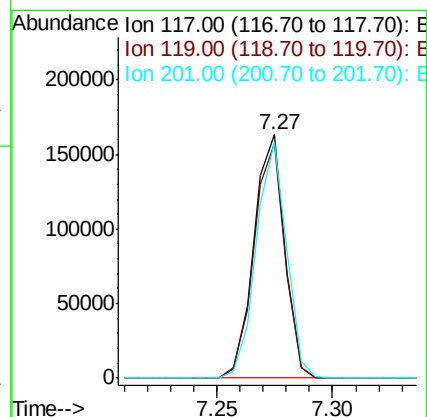
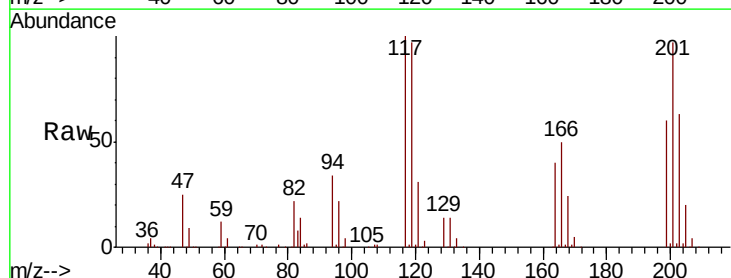
Manual Integrations
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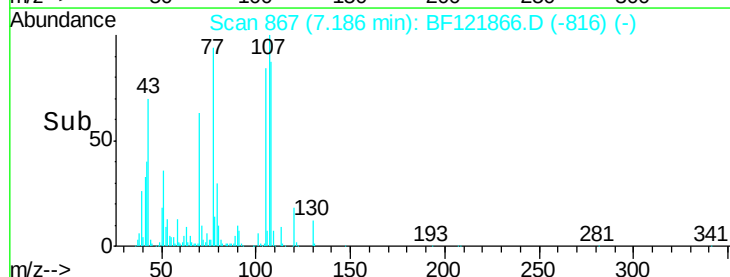
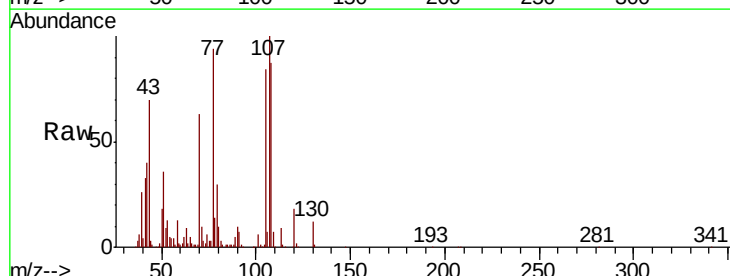
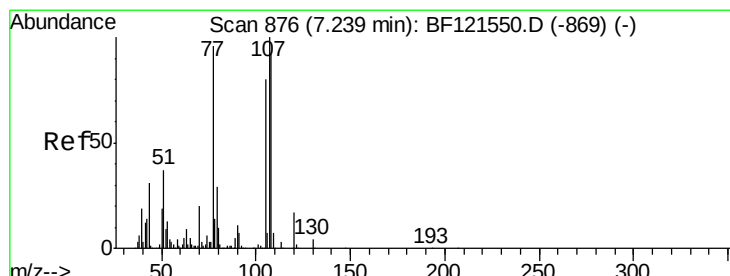
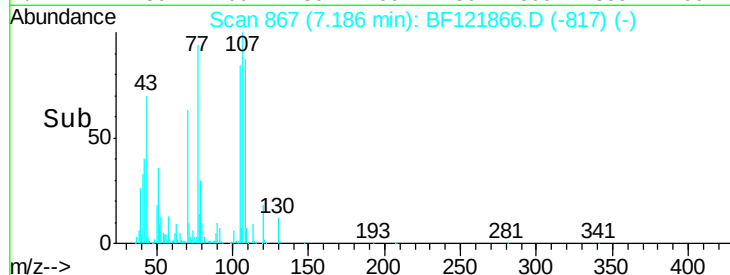
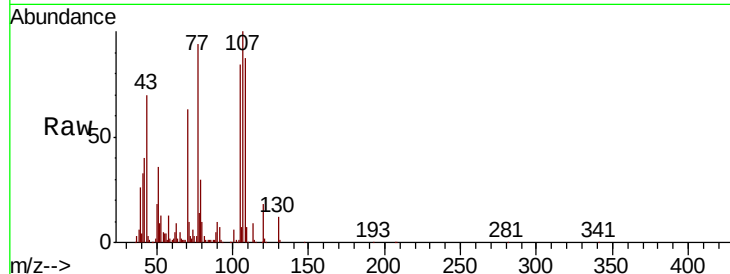
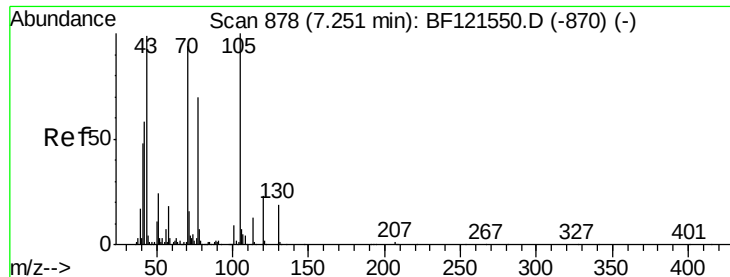
mohammad
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#18
Hexachloroethane
Concen: 40.992 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.3	114.5	
201	96.9	71.8	107.6	





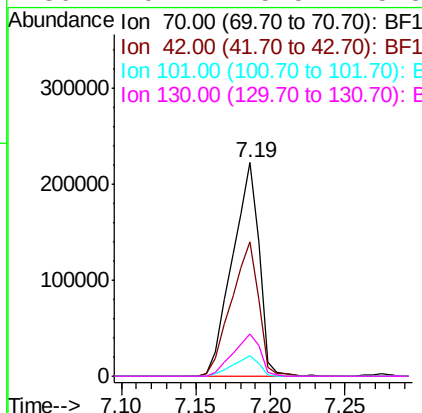
#19
n-Nitroso-di-n-propylamine
Concen: 40.627 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	50.2	75.4
101	9.5	7.5	11.3
130	19.7	15.5	23.3

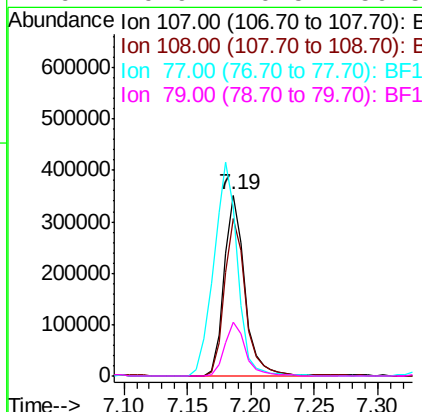
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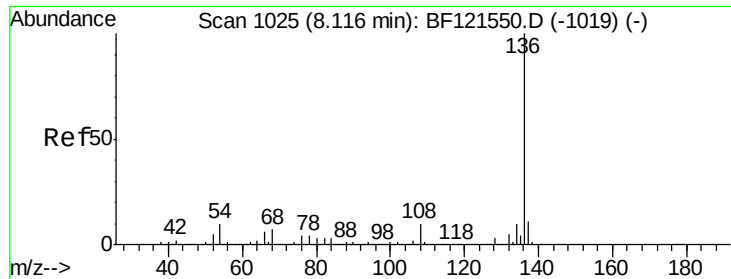
mohammad
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#20
3+4-Methylphenols
Concen: 41.693 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.9	108.9
77	93.9	108.0	148.0#
79	29.9	10.5	50.5





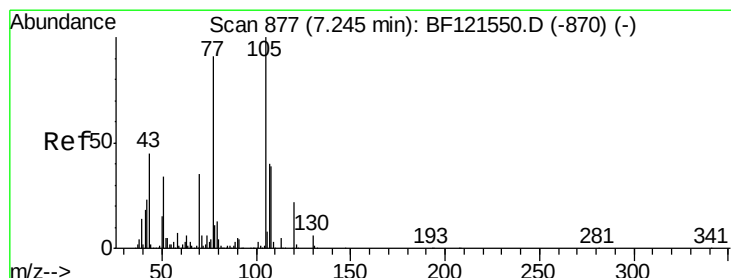
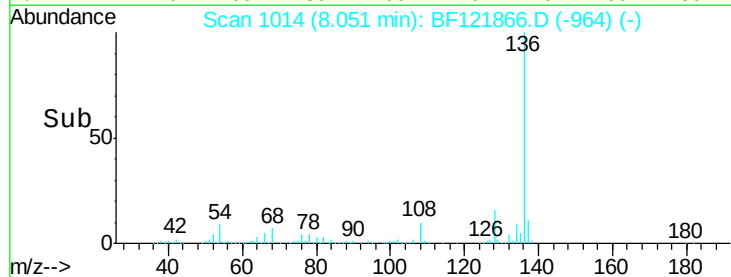
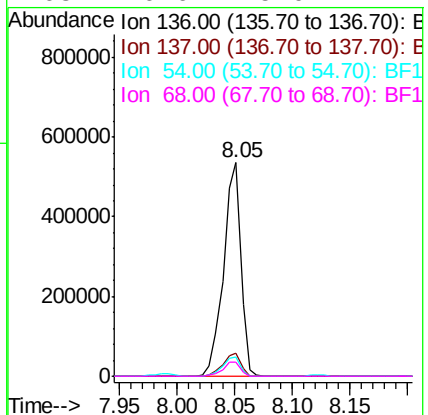
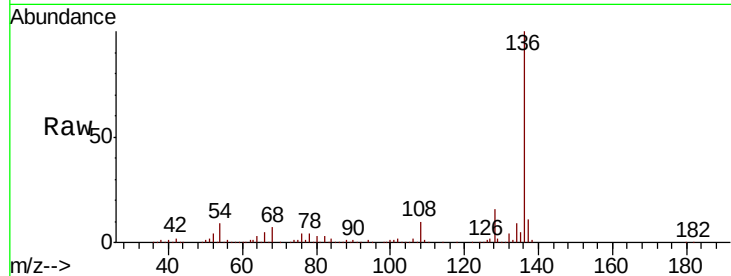
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		558955		
137	10.6	8.6	13.0		
54	8.7	7.1	10.7		
68	6.6	5.0	7.4		

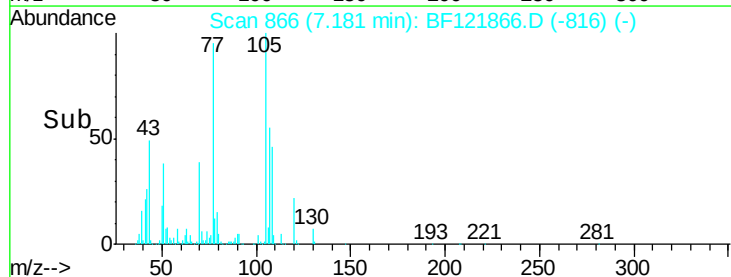
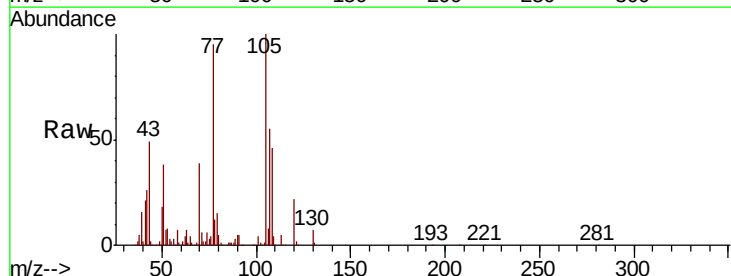
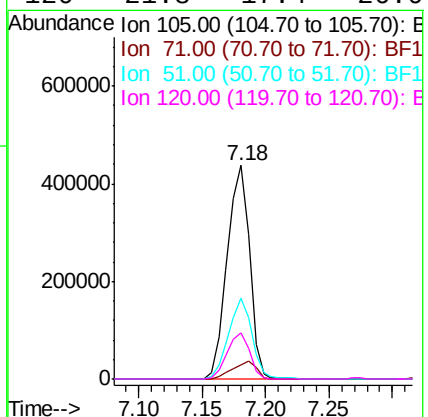
Manual Integrations
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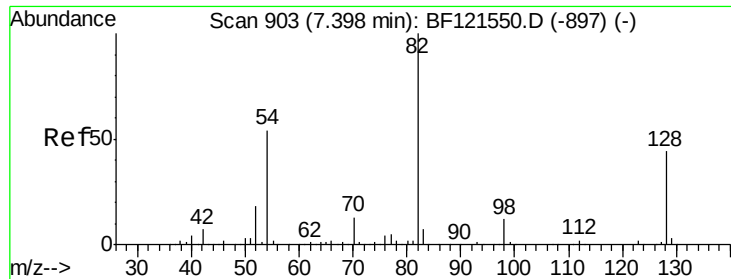
mohammad
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#22
Acetophenone
Concen: 37.837 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		536599		
71	6.4	5.3	7.9		
51	37.7	33.2	49.8		
120	21.8	17.4	26.0		





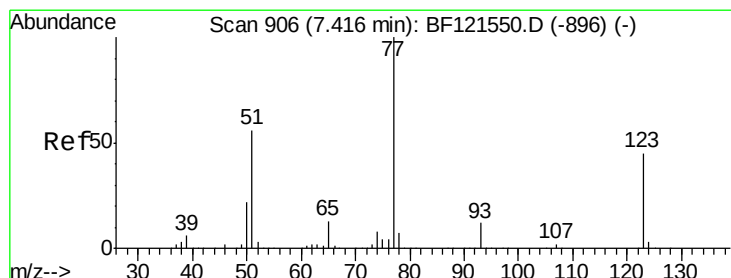
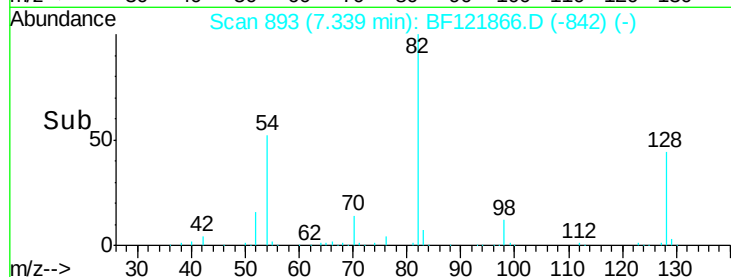
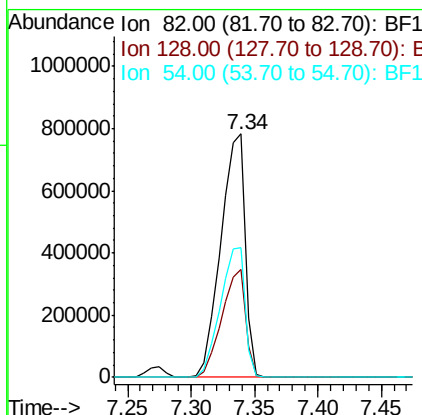
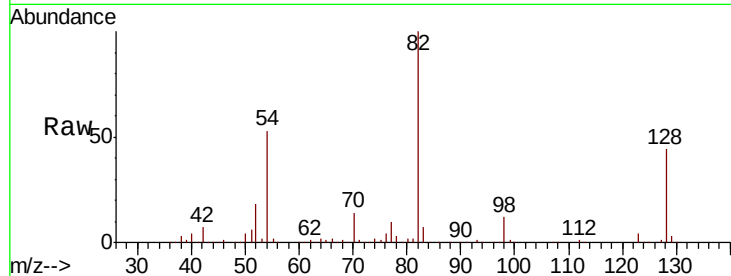
#23
 Nitrobenzene-d5
 Concen: 100.429 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampled :
 PB132129BS

Tot Ion	82	Resp	1045509
Ion Ratio	100	Lower	Upper
82	100		
128	44.4	35.0	52.4
54	53.3	43.9	65.9

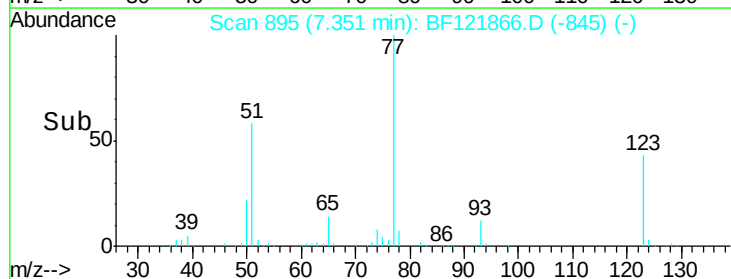
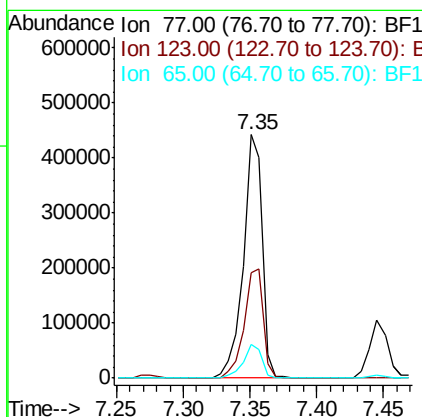
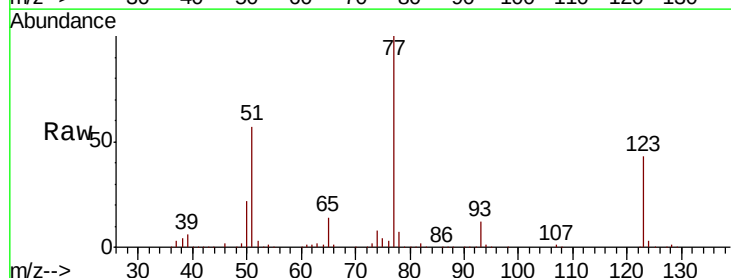
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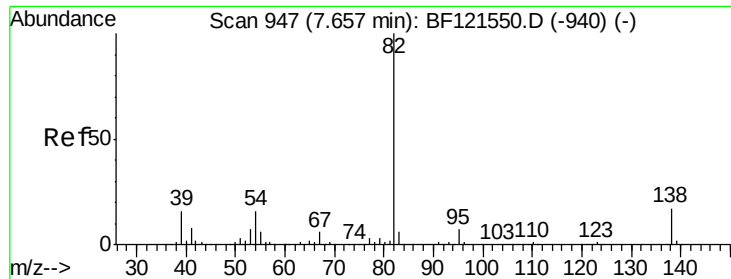
mohammad
 10/8/2020 12:29:01 PM



#24
 Nitrobenzene
 Concen: 38.100 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	77	Resp	428986
Ion Ratio	100	Lower	Upper
77	100		
123	43.3	35.6	53.4
65	13.9	11.2	16.8





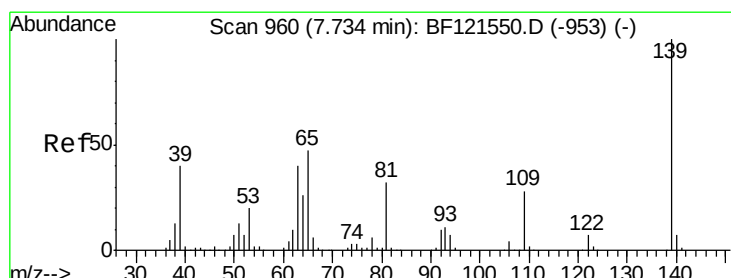
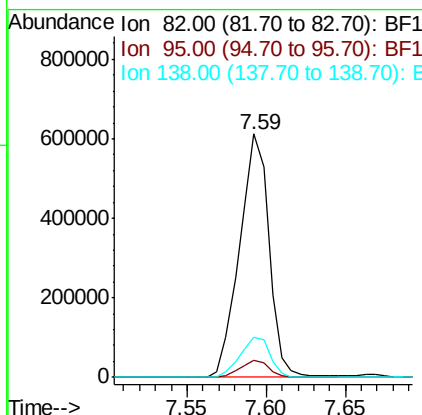
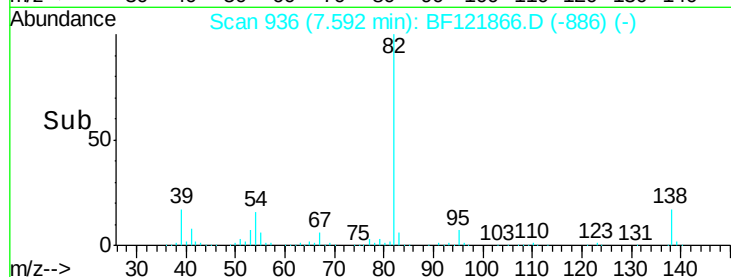
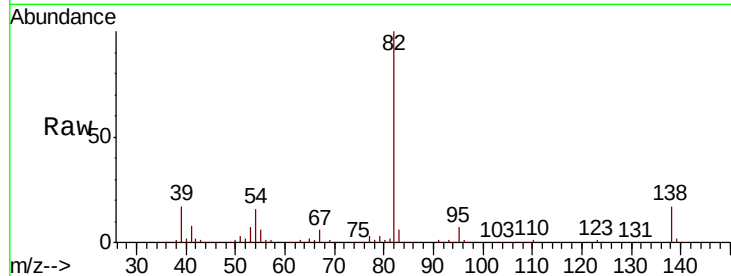
#25
Isophorone
Concen: 37.712 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	790310		
95	6.8		5.4	8.0
138	16.5		13.4	20.0

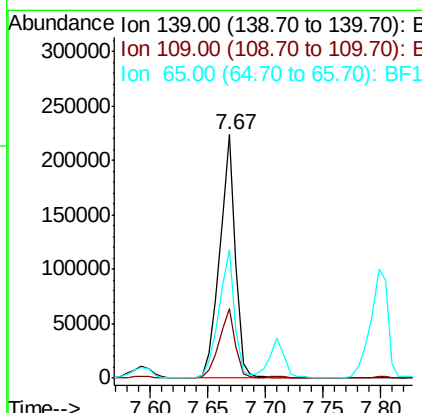
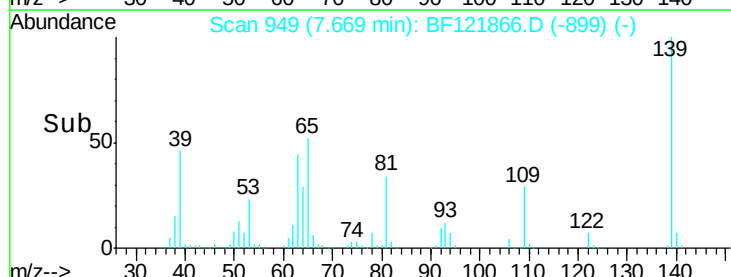
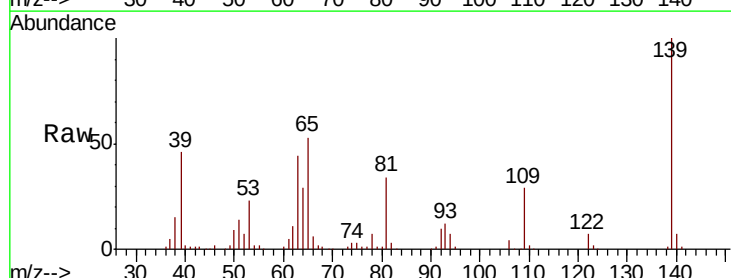
Manual Integrations
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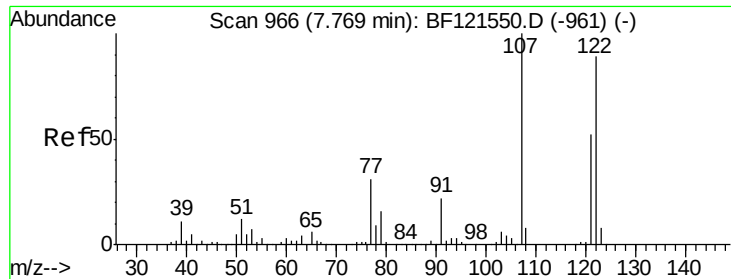
mohammad
10/8/2020 12:29:01 PM



#26
2-Nitrophenol
Concen: 40.367 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	211693		
109	28.8		23.0	34.4
65	52.6		39.9	59.9





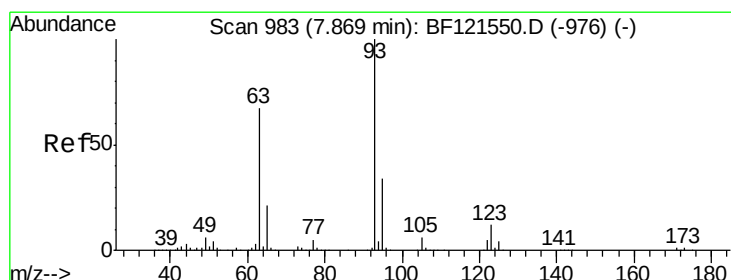
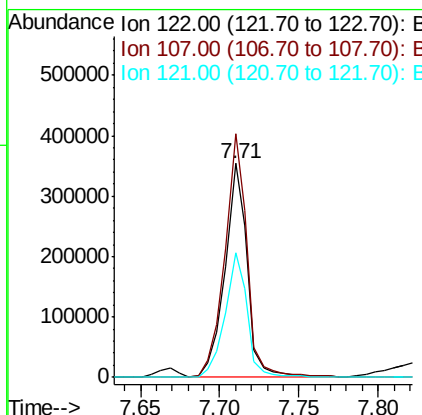
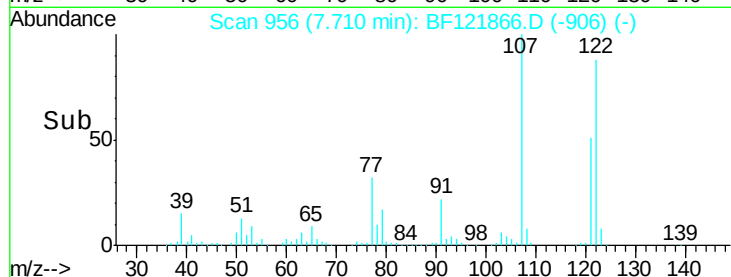
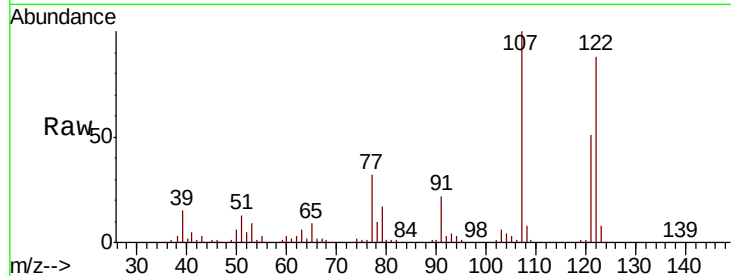
#27
 2,4-Dimethylphenol
 Concen: 36.917 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampled :
 PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	345341		
107	113.9	90.8	136.2	
121	58.3	47.5	71.3	

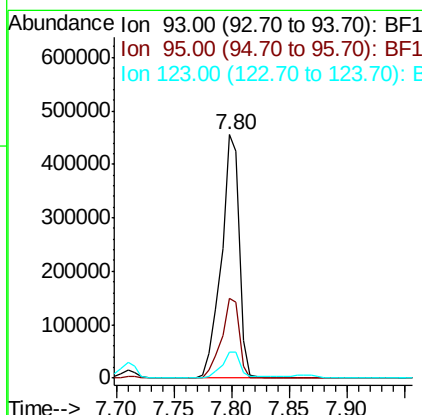
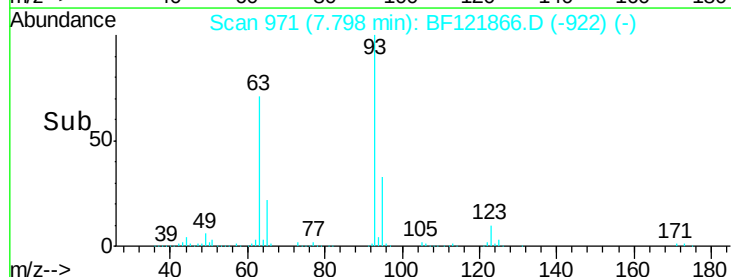
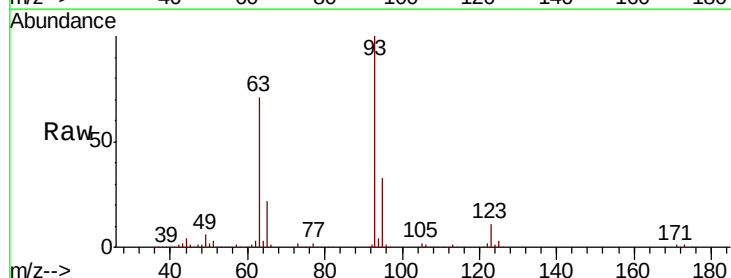
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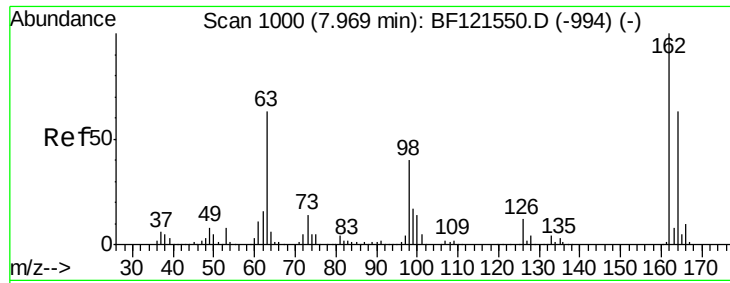
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.949 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	492334		
95	32.8	26.2	39.4	
123	10.6	8.8	13.2	





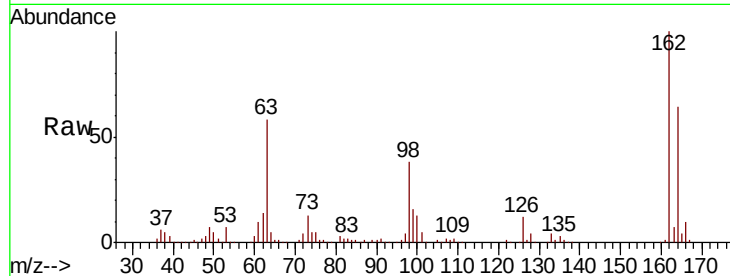
#29
2,4-Dichlorophenol
Concen: 38.711 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	329817		
164	64.3	42.5	82.5	
98	38.2	20.1	60.1	

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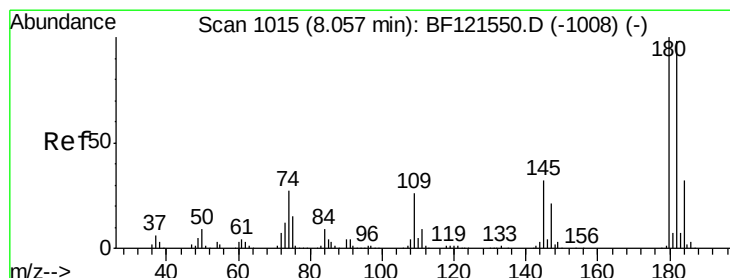
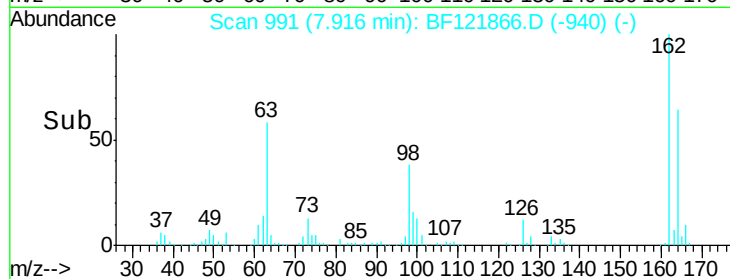
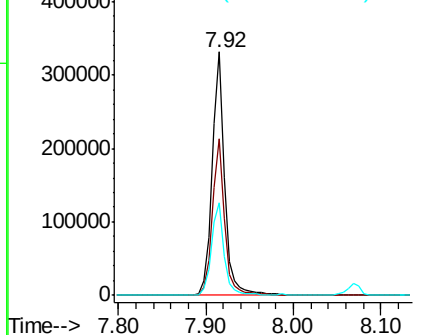


Abundance

Ion 162.00 (161.70 to 162.70): E

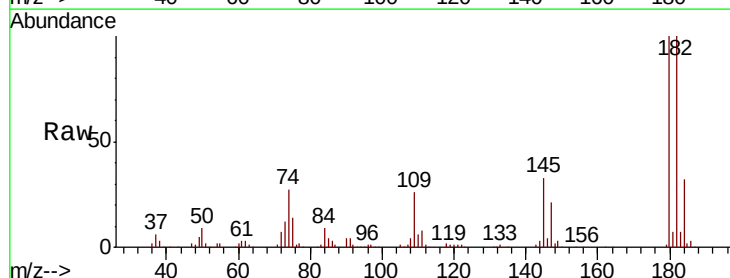
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.772 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	338942		
182	99.7	79.4	119.2	
145	32.5	25.5	38.3	

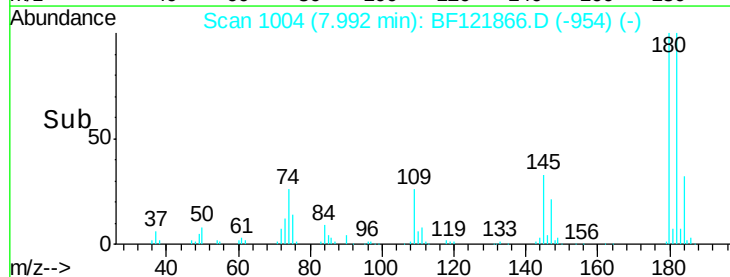
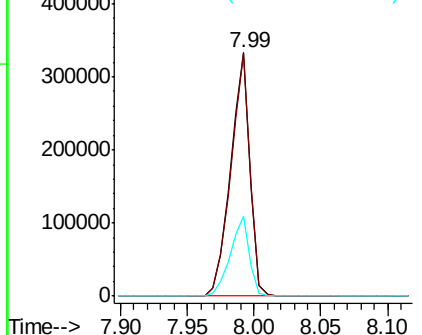


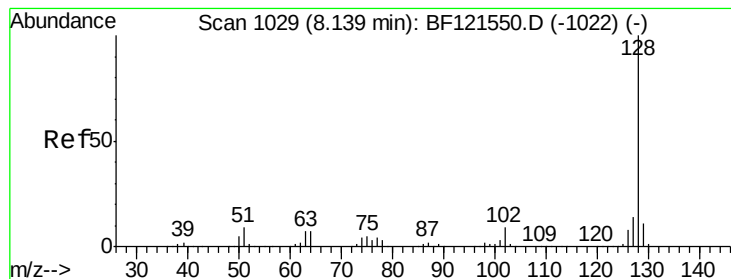
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.572 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

ClientSampleId :

PB132129BS

Tot Ion:128 Resp: 1108622

Ion Ratio Lower Upper

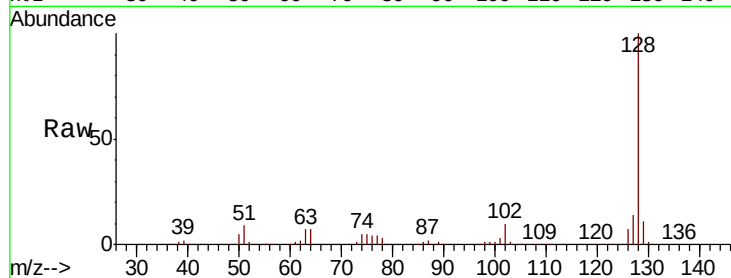
128 100

129 11.4 8.7 13.1

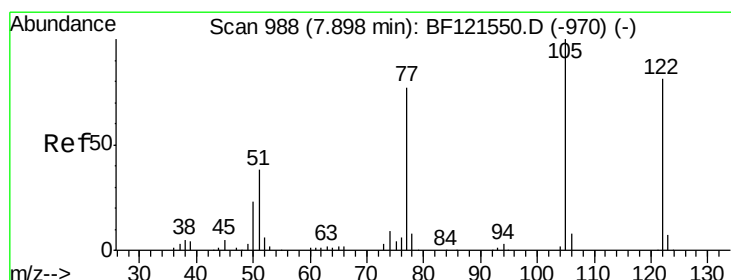
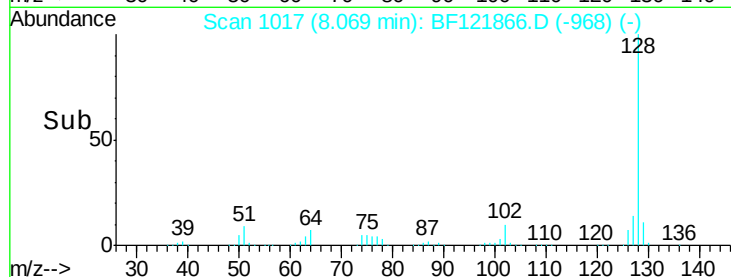
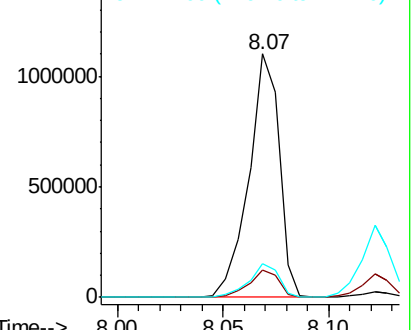
127 13.7 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.447 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

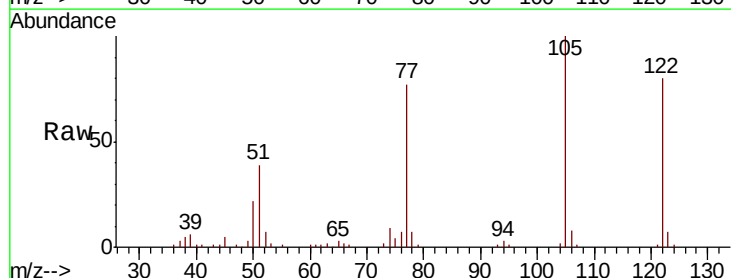
Tgt Ion:122 Resp: 183650

Ion Ratio Lower Upper

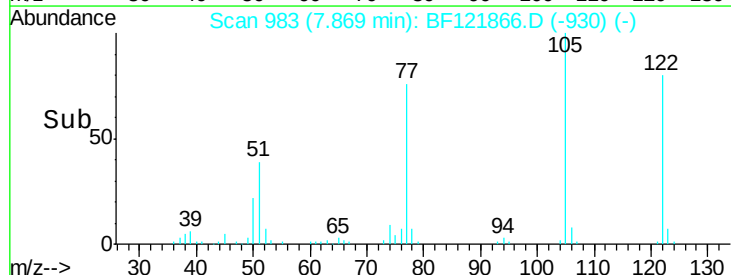
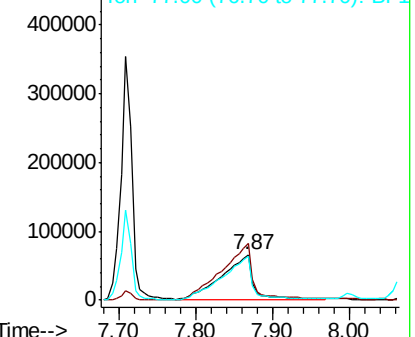
122 100

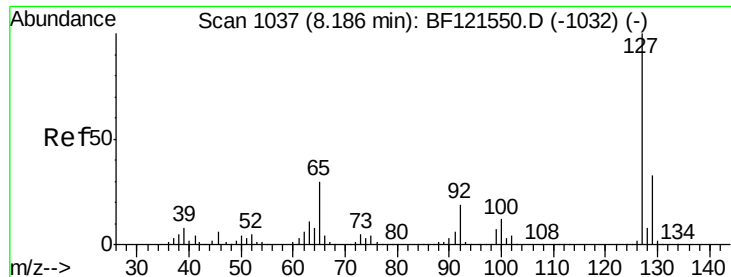
105 124.5 103.3 143.3

77 95.6 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





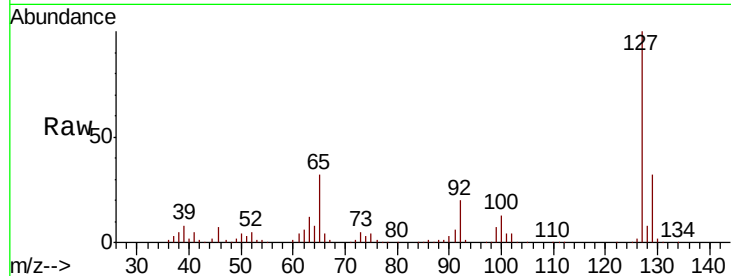
#33
 4-Chloroaniline
 Concen: 27.153 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

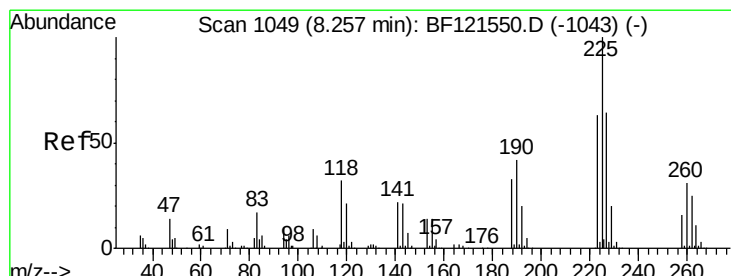
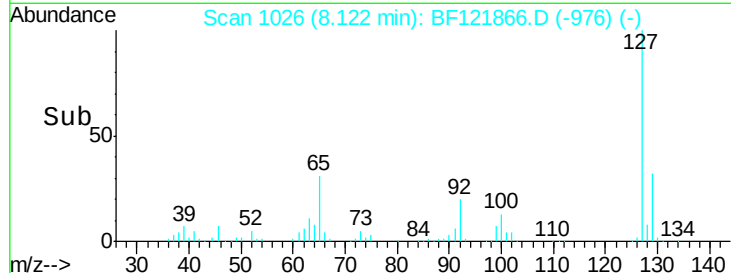
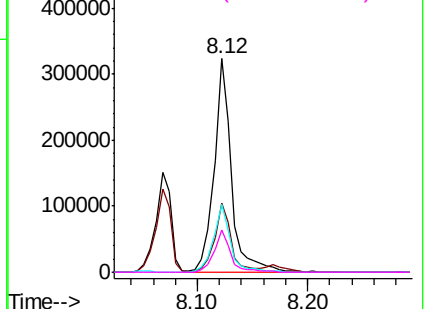
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	31.9	26.2	39.2		
92	19.7	15.9	23.9		

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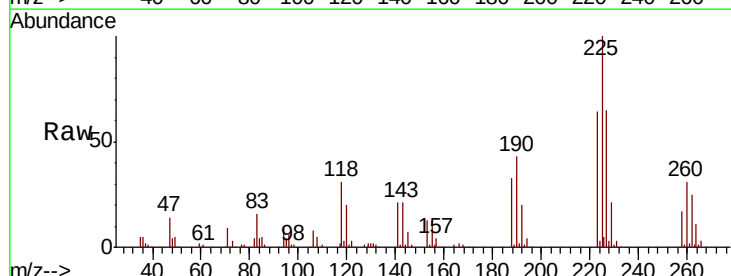


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

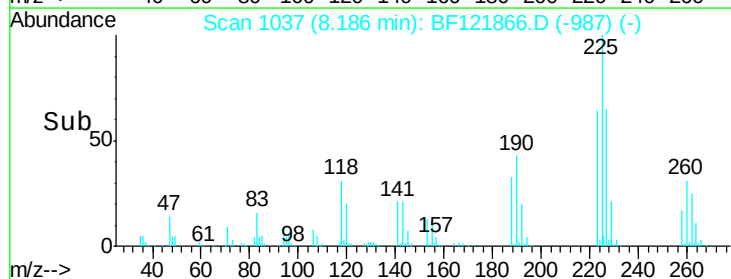
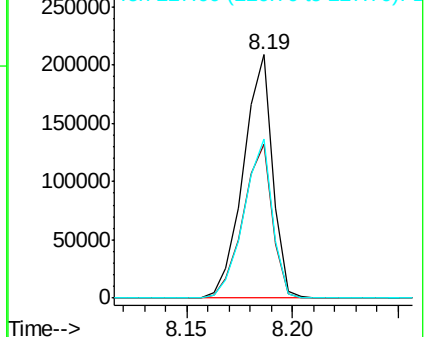


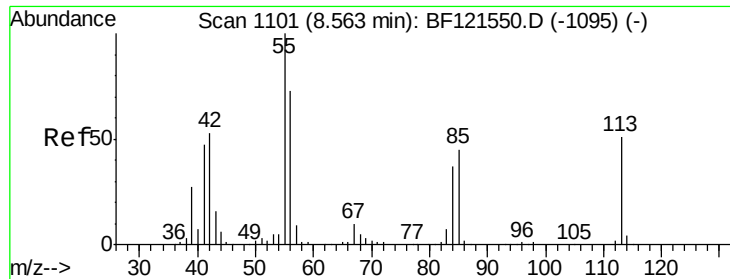
#34
 Hexachlorobutadiene
 Concen: 37.914 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.1	76.7		
227	65.2	51.0	76.6		



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





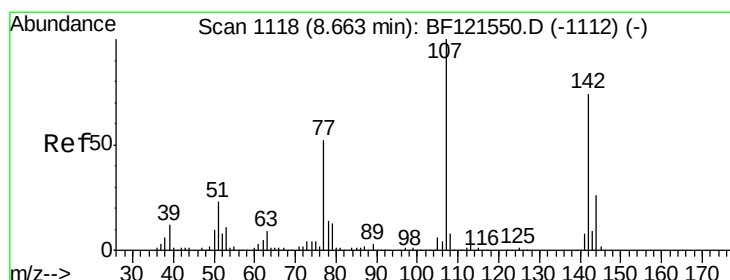
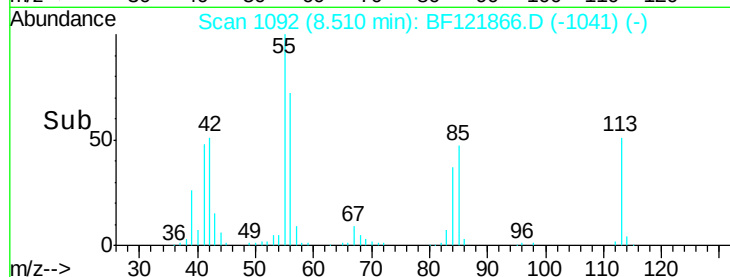
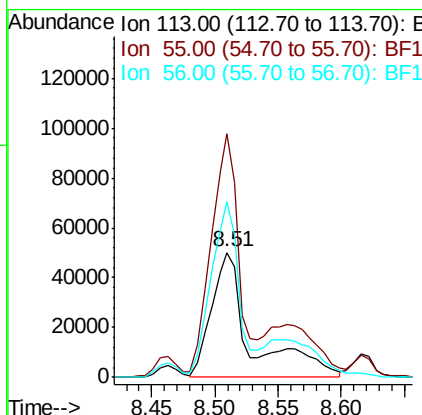
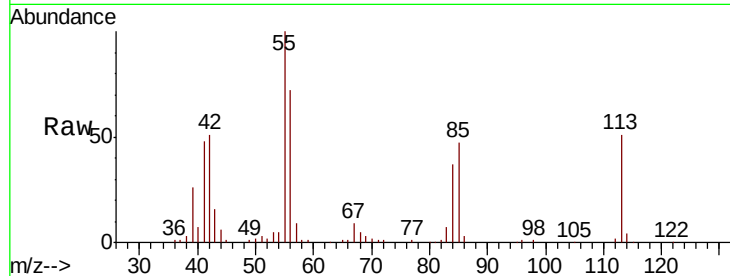
#35
Caprolactam
Concen: 38.481 ng/ml
RT: 8.51 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleID :
PB132129BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		109183		
55	194.9	167.5	207.5		
56	140.8	121.2	161.2		

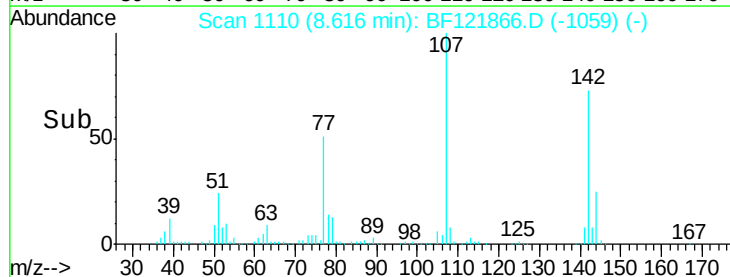
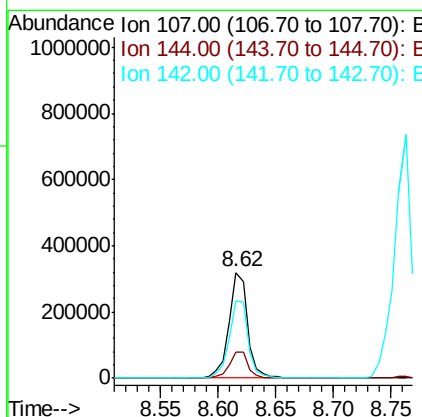
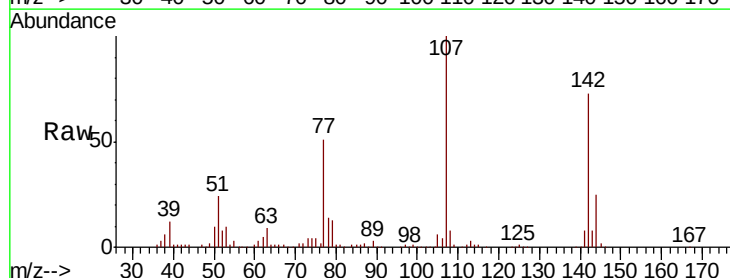
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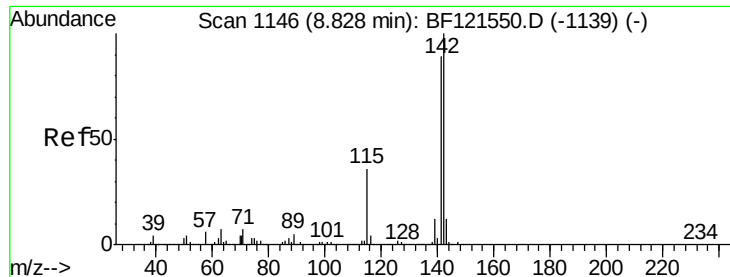
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#36
4-Chloro-3-methylphenol
Concen: 38.981 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		357781		
144	24.8	20.1	30.1		
142	73.1	59.3	88.9		





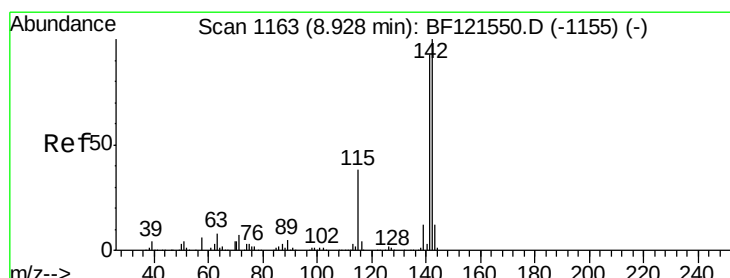
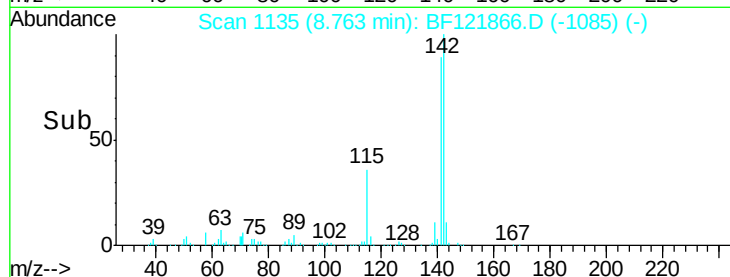
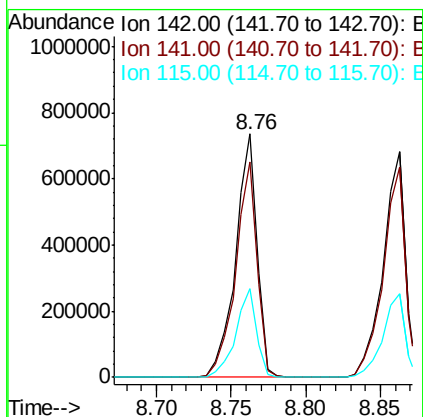
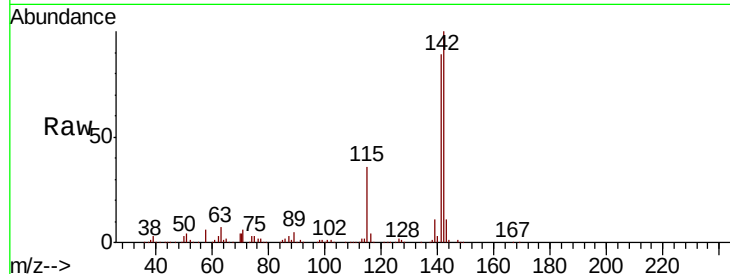
#37
2-Methylnaphthalene
Concen: 38.347 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.4
115	36.3	28.6	43.0

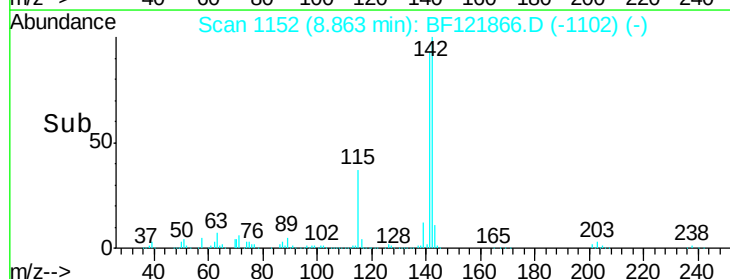
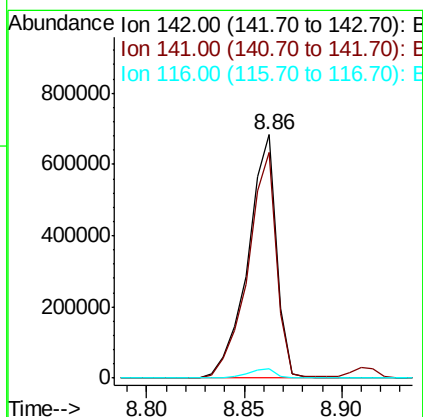
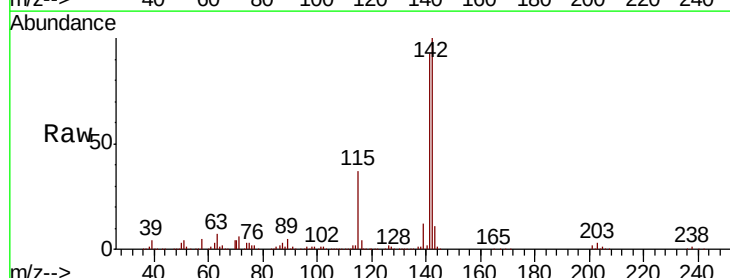
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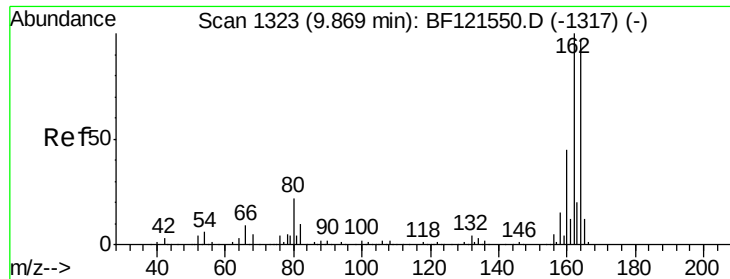
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#38
1-Methylnaphthalene
Concen: 38.399 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.5	111.7
116	3.7	3.2	4.8





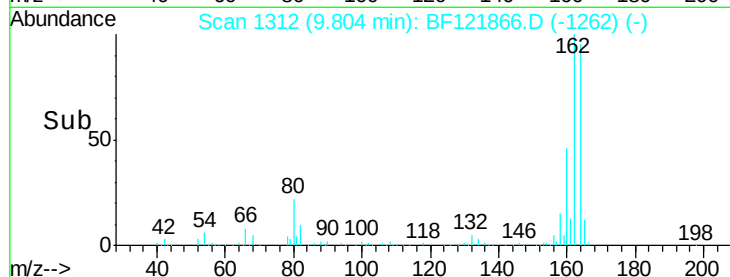
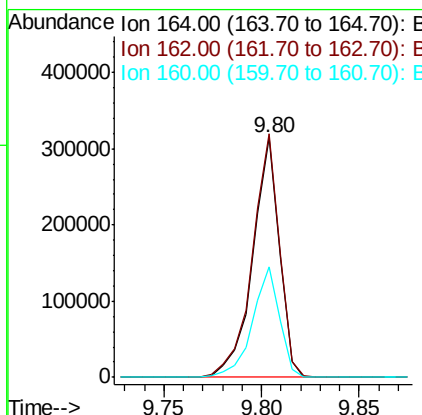
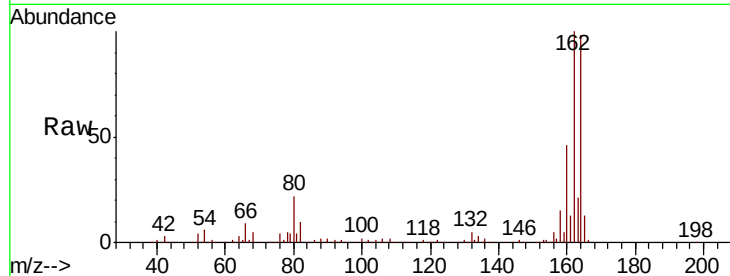
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	46.3	37.5	56.3

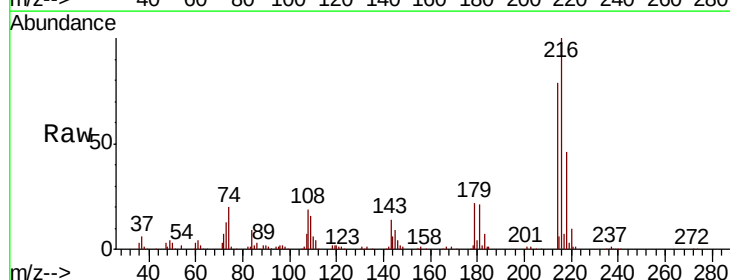
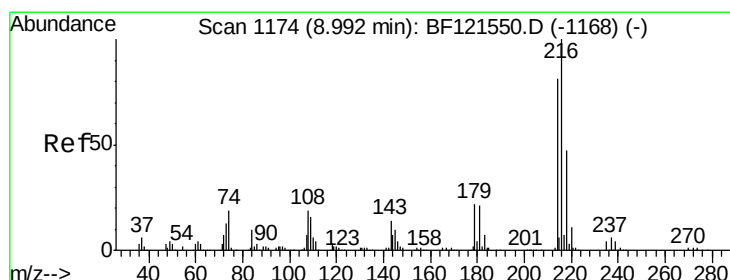
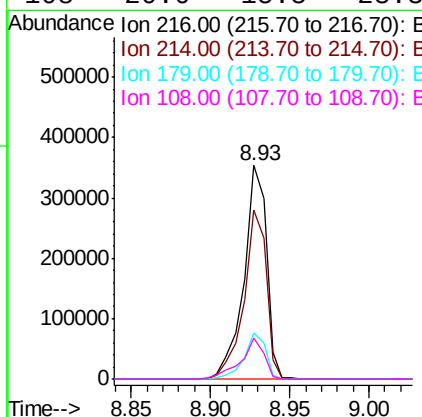
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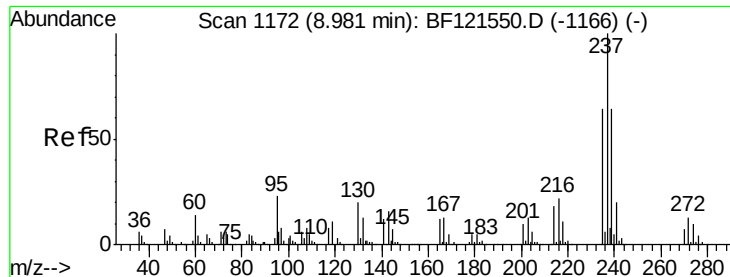
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.525 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	20.7	17.0	25.6
108	20.0	15.5	23.3





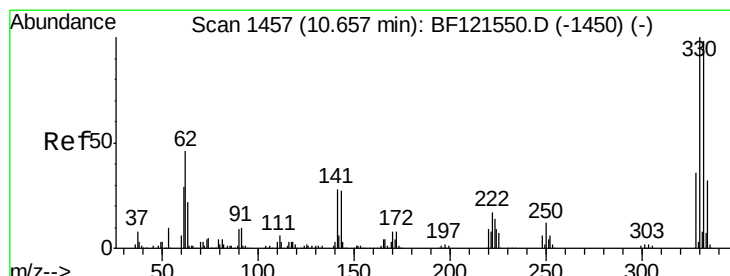
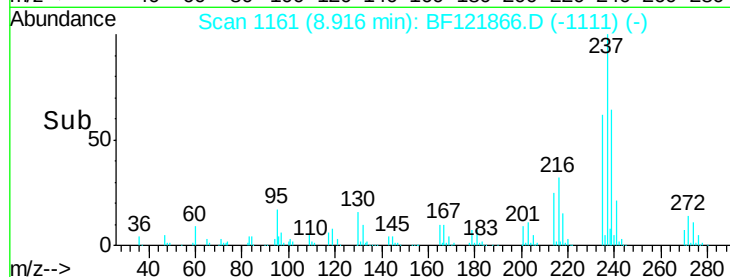
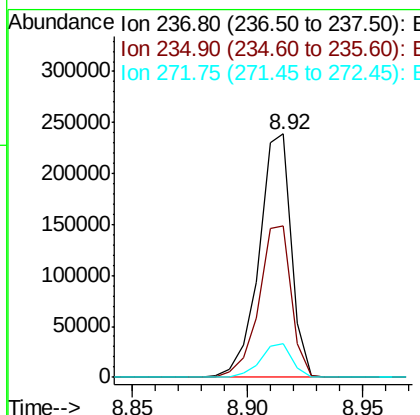
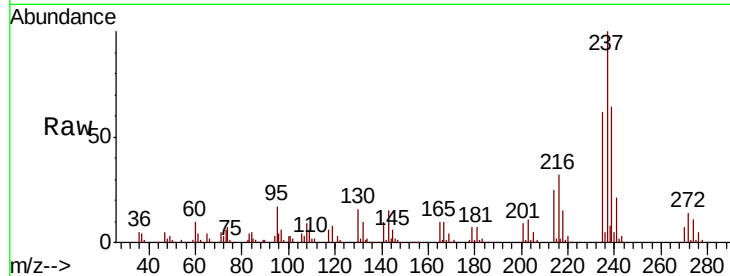
#41
Hexachlorocyclopentadiene
Concen: 43.780 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.4	41.8	81.8
272	13.8	0.0	33.5

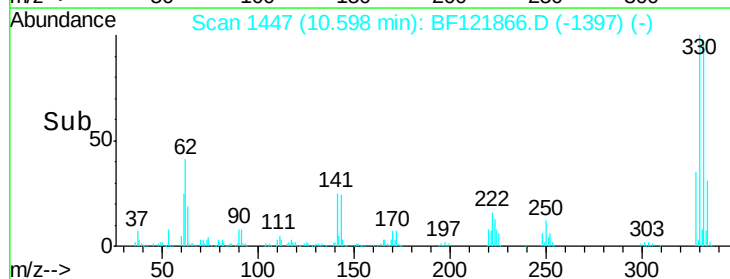
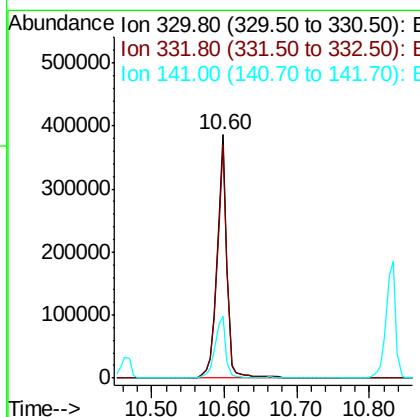
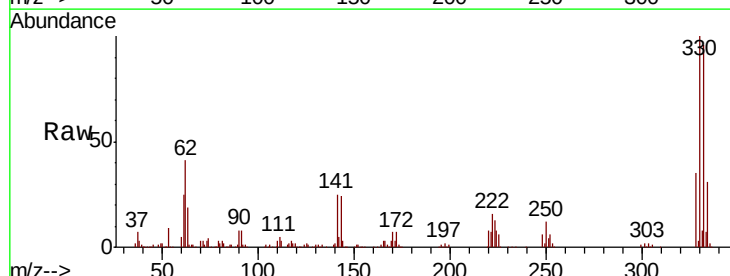
Manual Integrations
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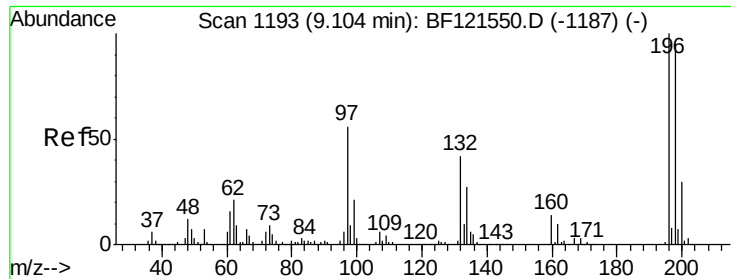
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#42
2,4,6-Tribromophenol
Concen: 99.673 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.8	77.3	115.9
141	27.8	22.3	33.5





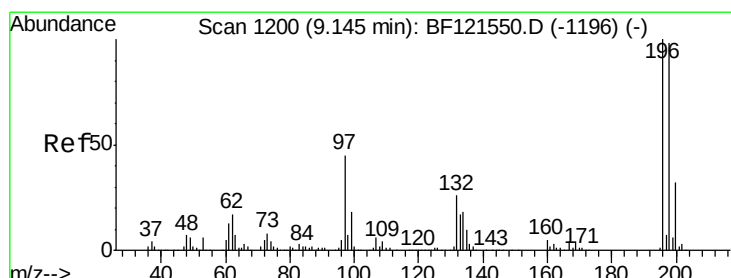
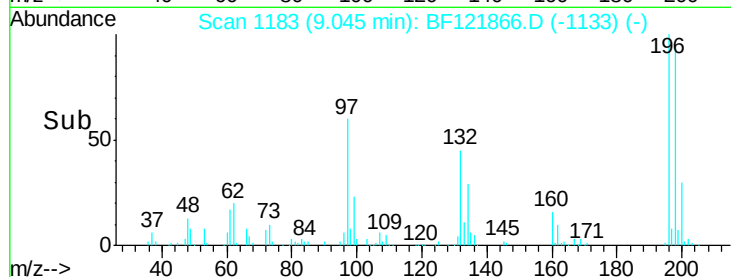
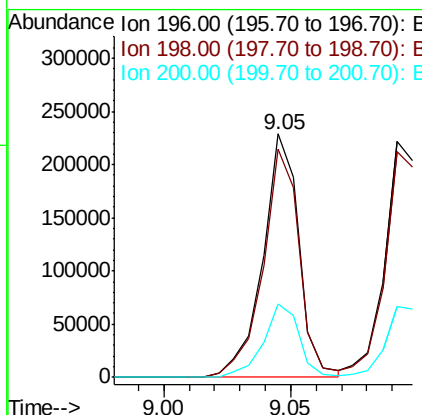
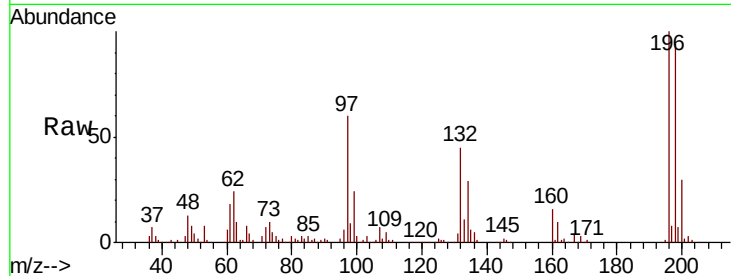
#43
 2,4,6-Trichlorophenol
 Concen: 36.146 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229144		
198	93.7	75.8	113.6	
200	30.4	24.6	36.8	

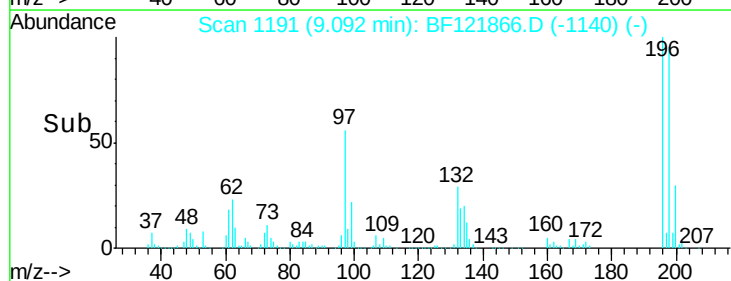
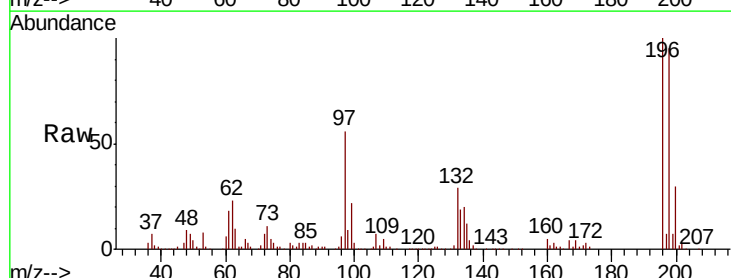
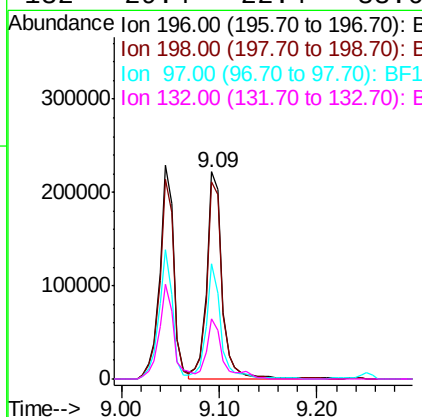
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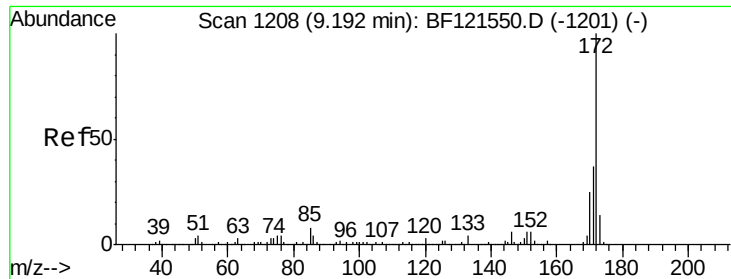
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#44
 2,4,5-Trichlorophenol
 Concen: 35.939 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240853		
198	95.5	76.1	114.1	
97	55.8	41.0	61.6	
132	29.4	22.4	33.6	





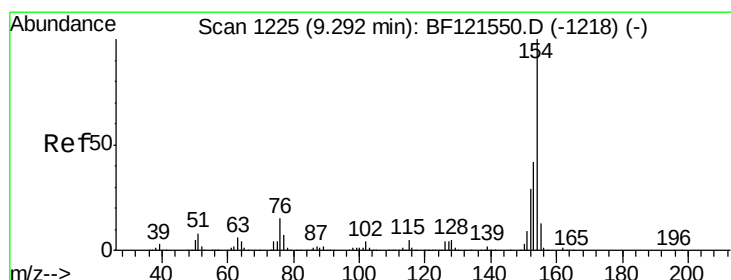
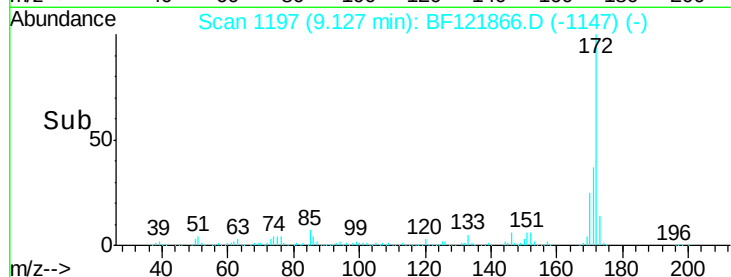
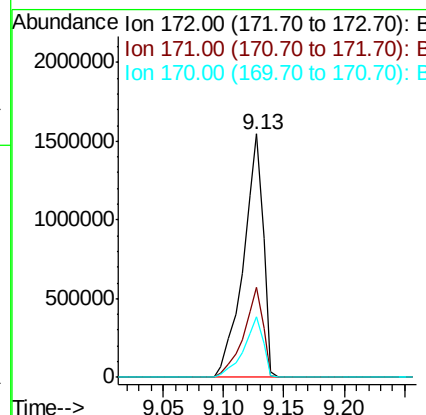
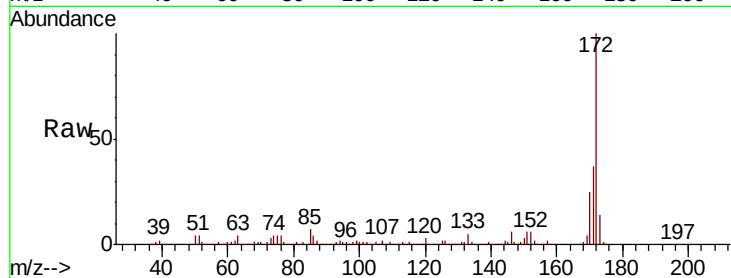
#45
2-Fluorobiphenyl
Concen: 90.091 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.1	43.7
170	24.9	19.8	29.6

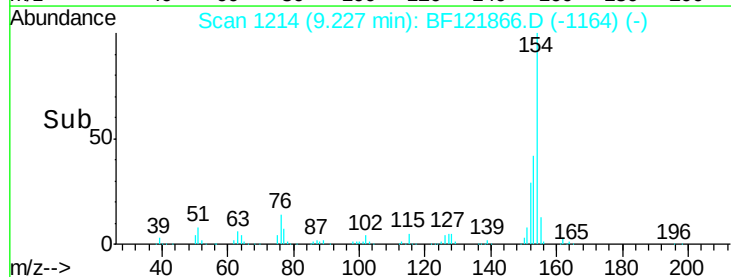
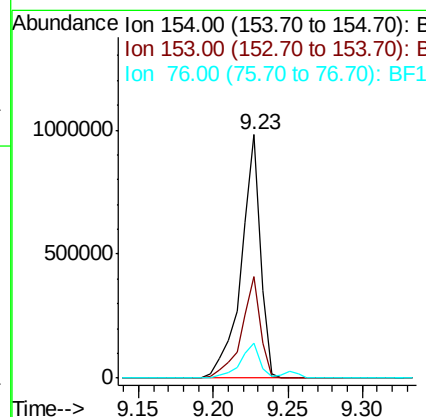
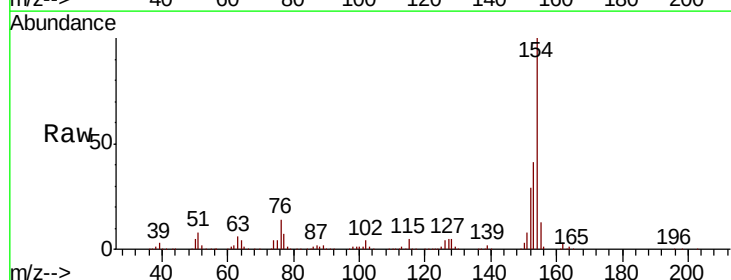
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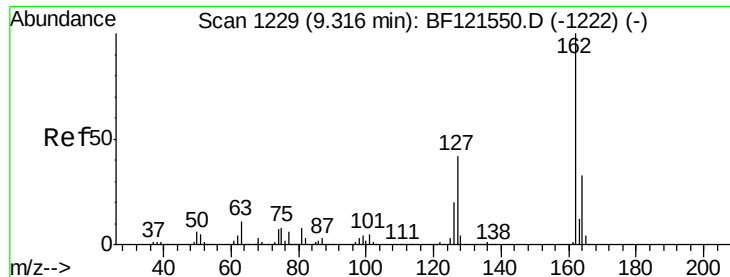
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#46
1,1'-Biphenyl
Concen: 36.965 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	14.4	0.0	34.7





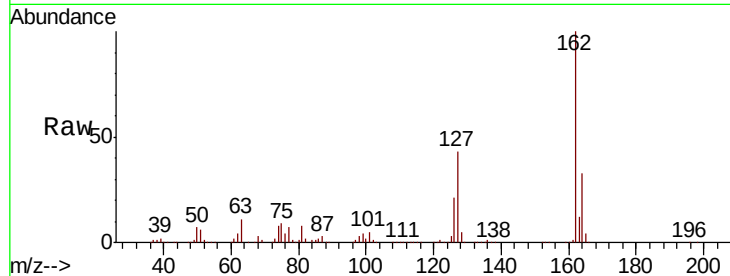
#47
 2-Chloronaphthalene
 Concen: 36.242 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

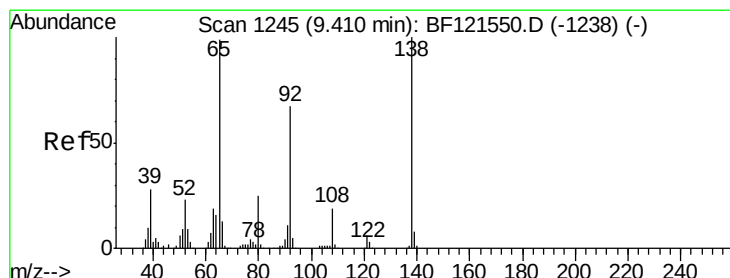
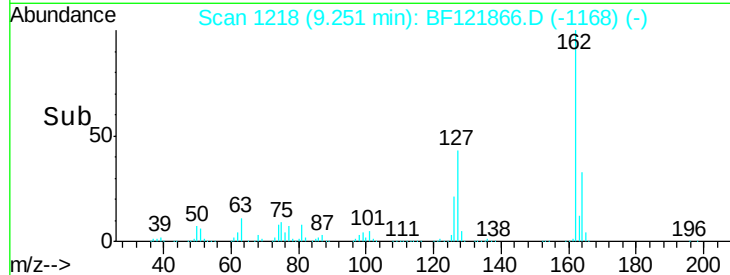
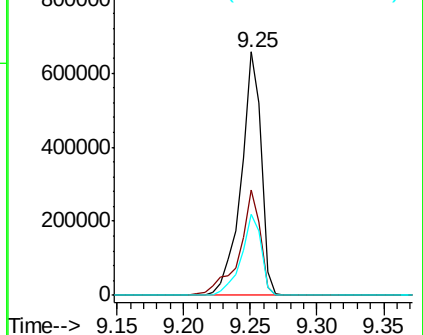
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		680757		
127	43.2	34.4	51.6		
164	33.3	26.3	39.5		

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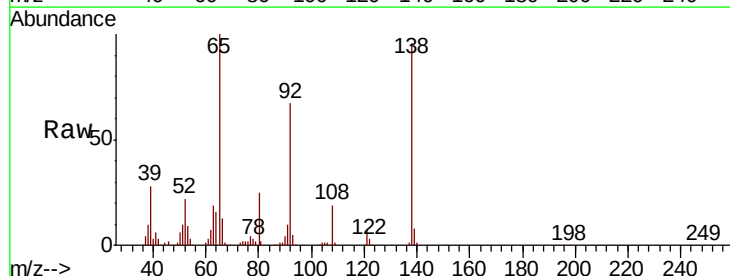


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

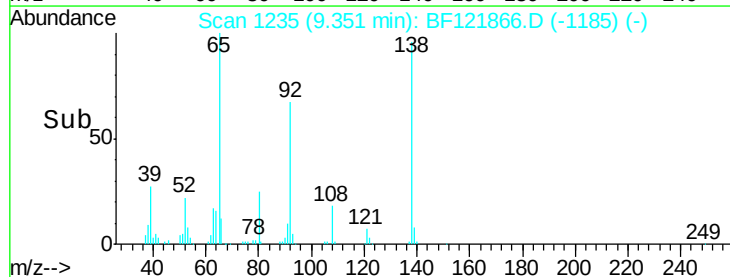
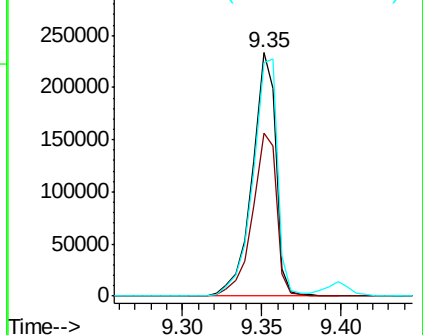


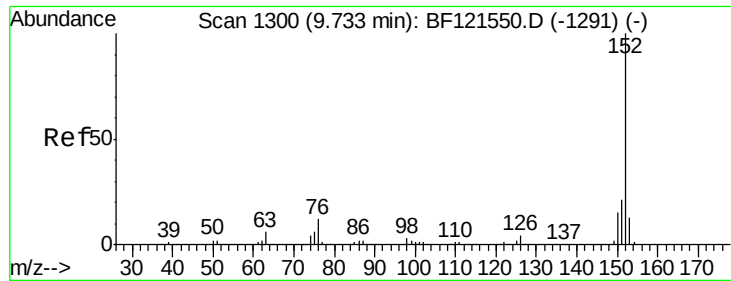
#48
 2-Nitroaniline
 Concen: 41.511 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		242301		
92	66.9	55.1	82.7		
138	96.1	80.5	120.7		



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.405 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

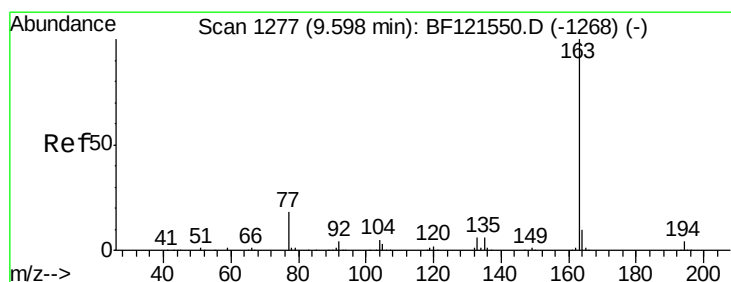
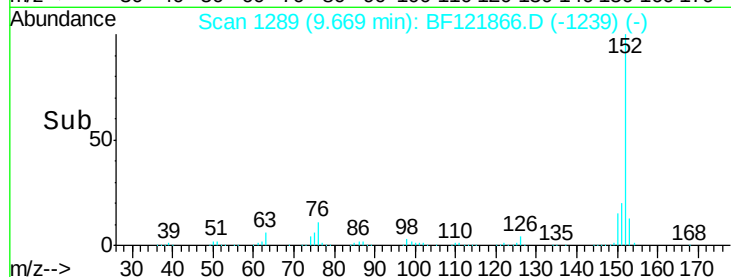
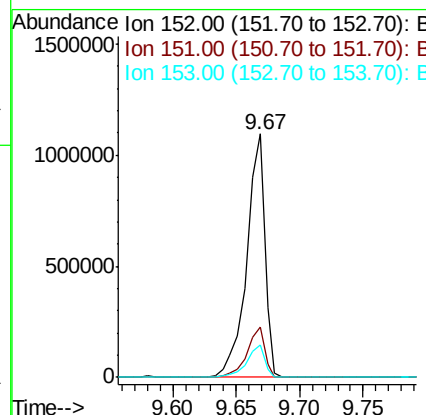
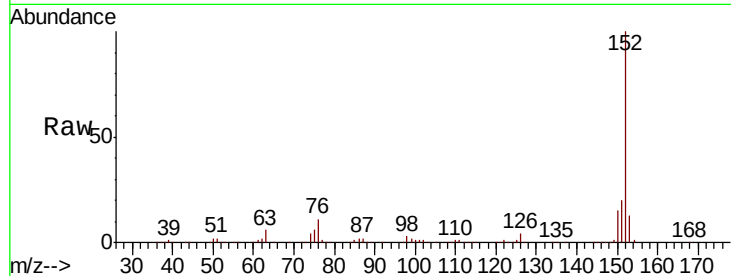
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.5	16.4	24.6	
153	13.2	10.6	15.8	

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#50

Dimethylphthalate

Concen: 38.259 ng

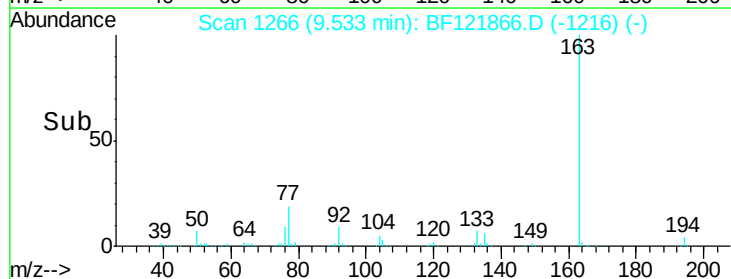
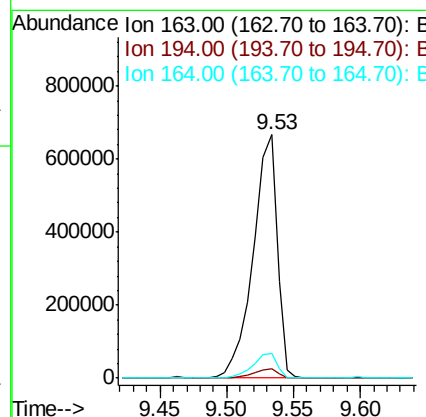
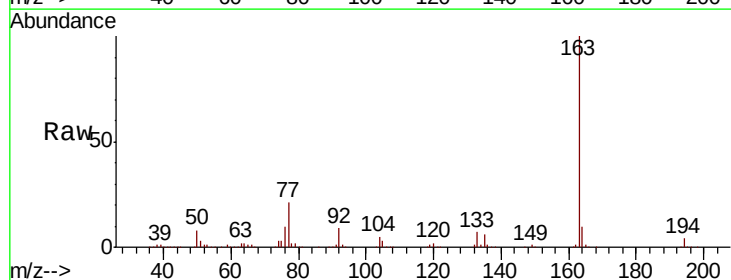
RT: 9.53 min Scan# 1266

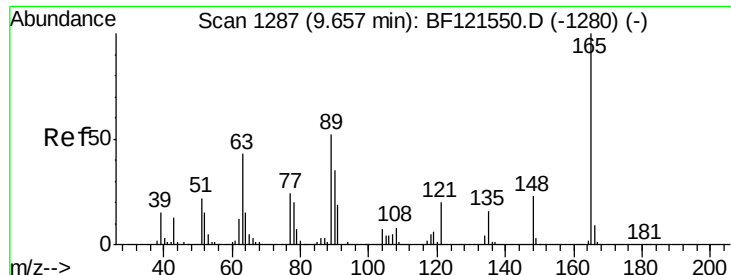
Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.0	3.3	4.9	
164	10.0	8.2	12.4	





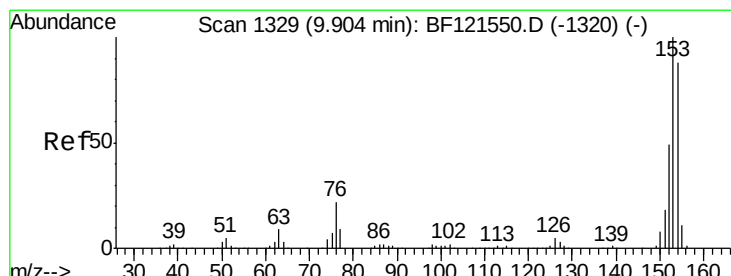
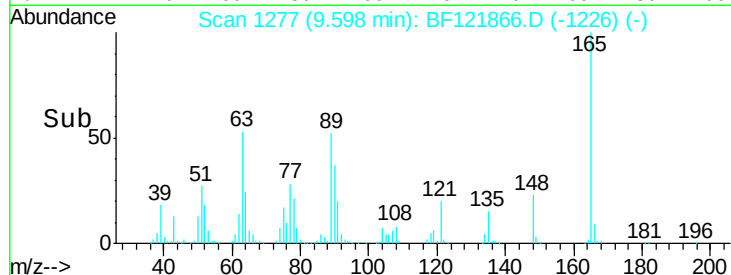
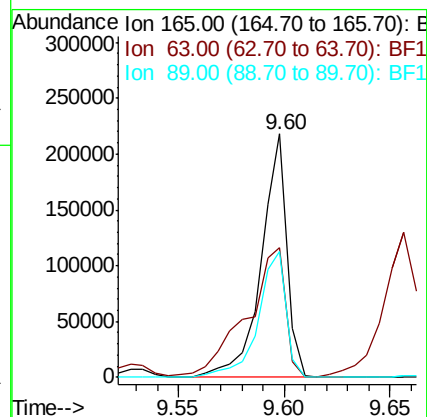
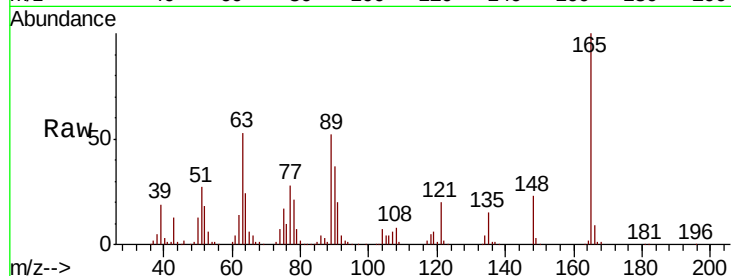
#51
 2,6-Dinitrotoluene
 Concen: 40.243 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleID :
 PB132129BS

Tot Ion:	165	Resp:	184947
Ion Ratio	Lower	Upper	
165	100		
63	53.3	51.8	77.6
89	51.8	49.0	73.6

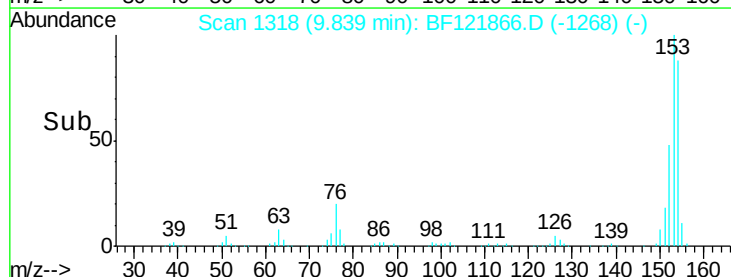
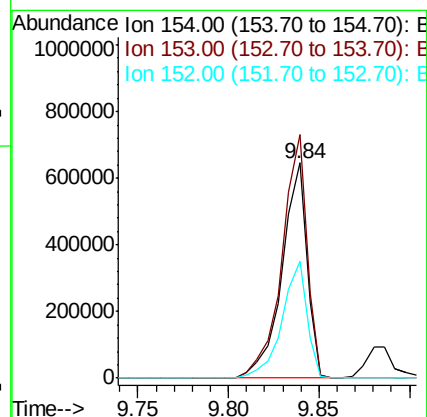
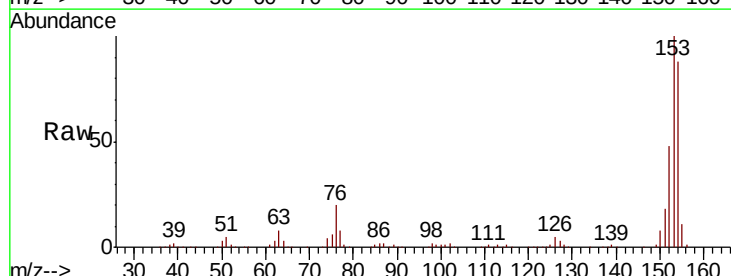
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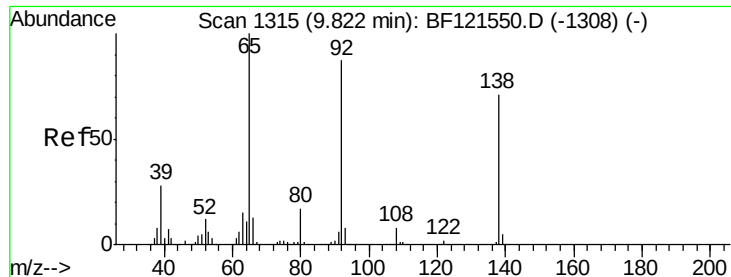
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#52
 Acenaphthene
 Concen: 34.170 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion:	154	Resp:	622866
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.8
152	54.4	43.2	64.8





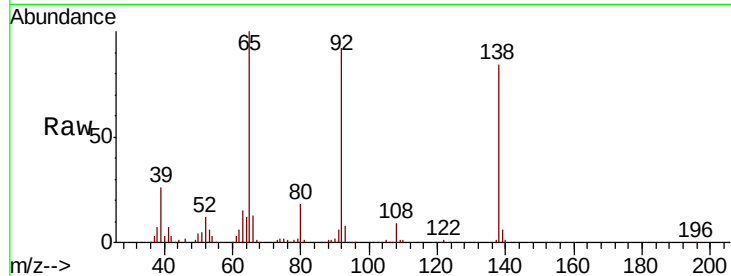
#53
3-Nitroaniline
Concen: 27.959 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

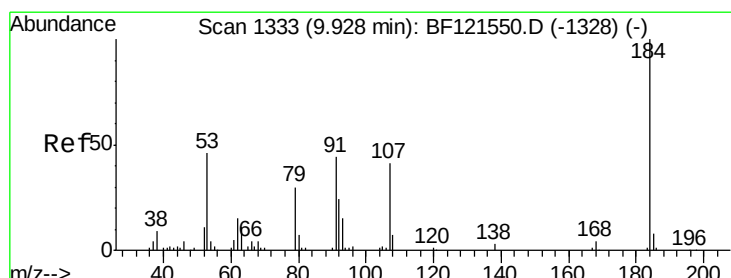
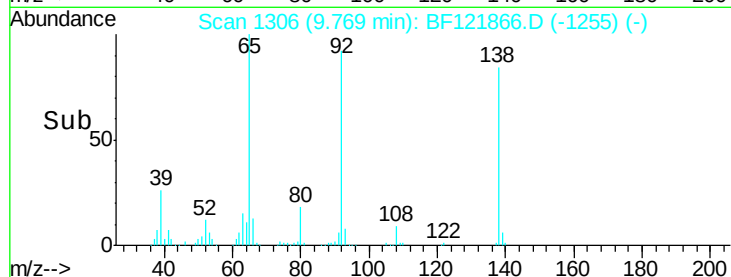
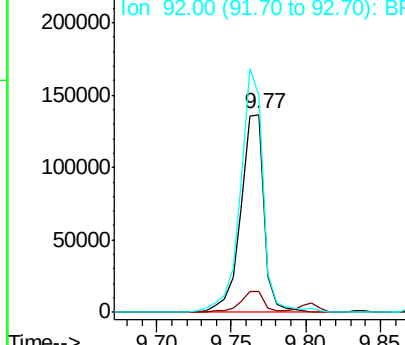
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	13.0
92	109.7	96.6	144.8

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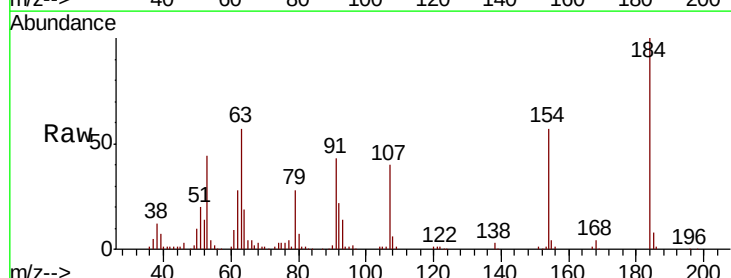


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

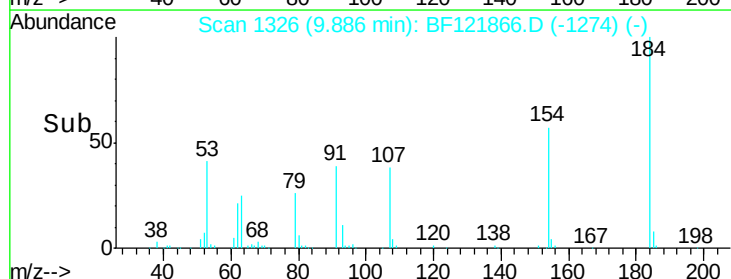
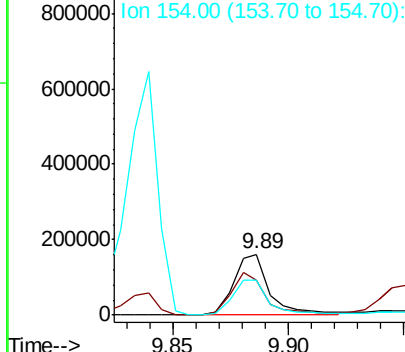


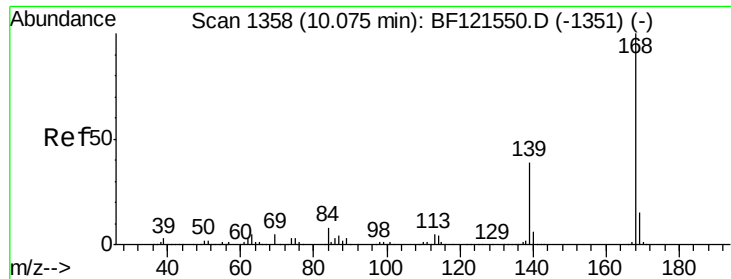
#54
2,4-Dinitrophenol
Concen: 67.666 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	45.9	68.9
154	57.0	45.8	68.6



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





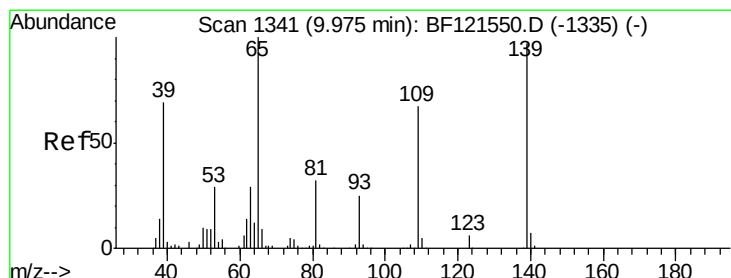
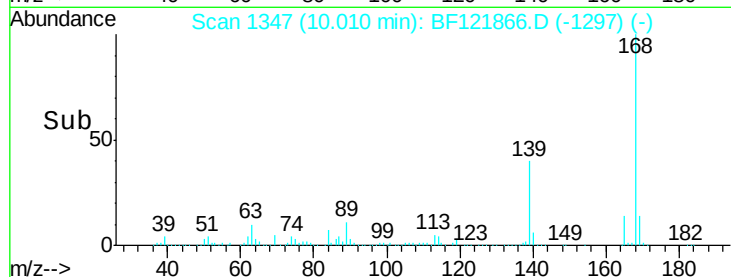
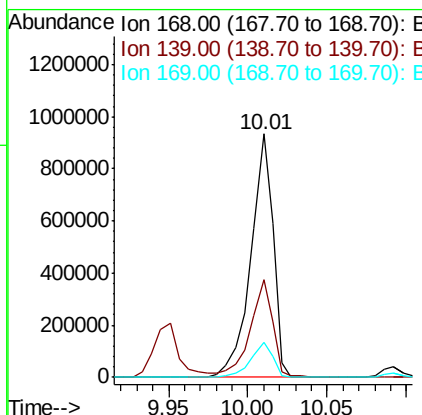
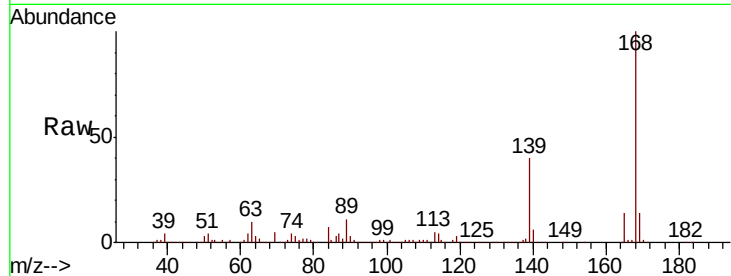
#55
Dibenzofuran
Concen: 35.471 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.0	46.6
169	14.4	11.3	16.9

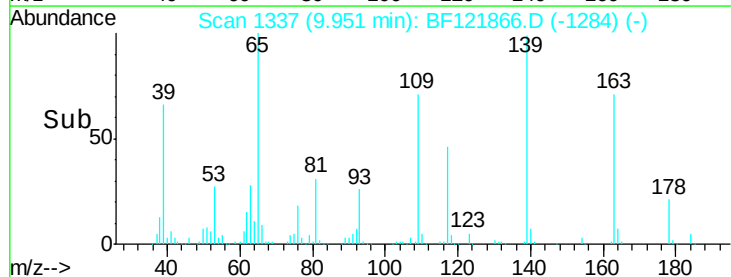
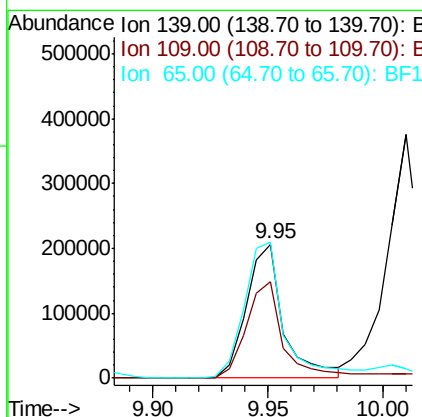
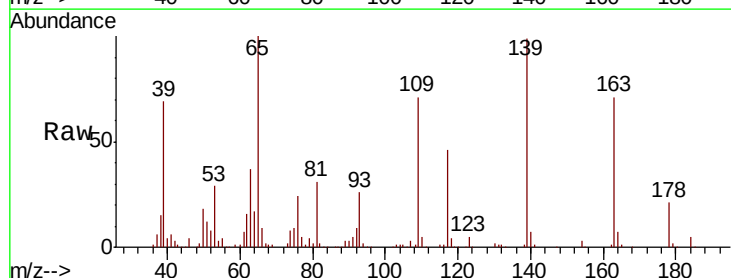
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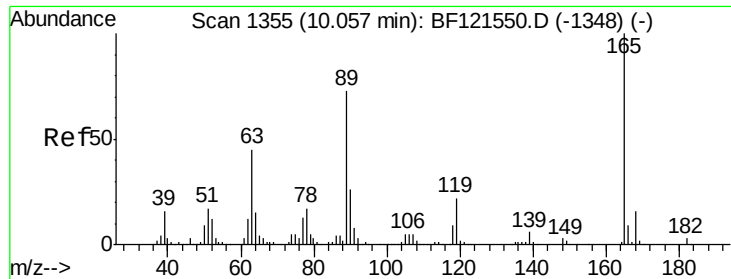
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#56
4-Nitrophenol
Concen: 54.662 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	45.4	85.4
65	101.2	68.4	108.4





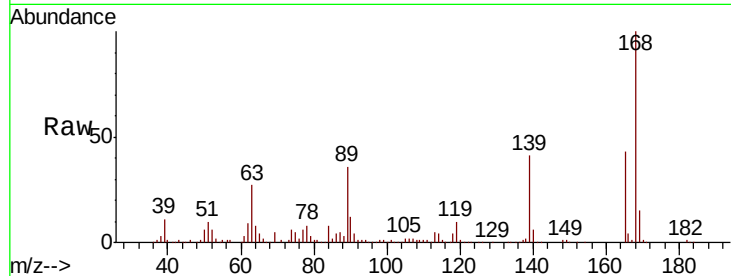
#57
2,4-Dinitrotoluene
Concen: 39.736 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

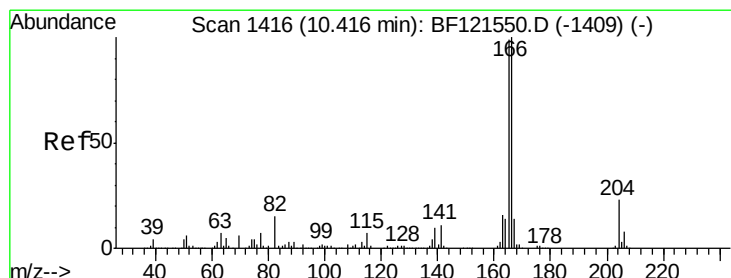
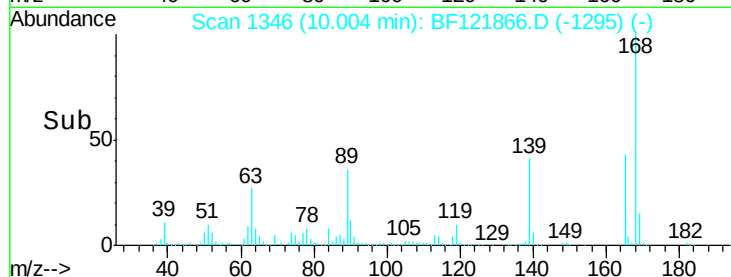
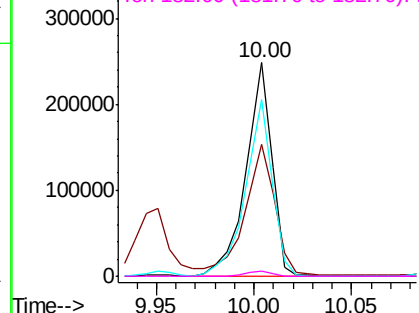
Tot Ion	Ratio	Resp	Lower	Upper
165	100	229744		
63	62.0	41.3	61.9	
89	82.9	61.8	92.8	
182	2.4	2.1	3.1	

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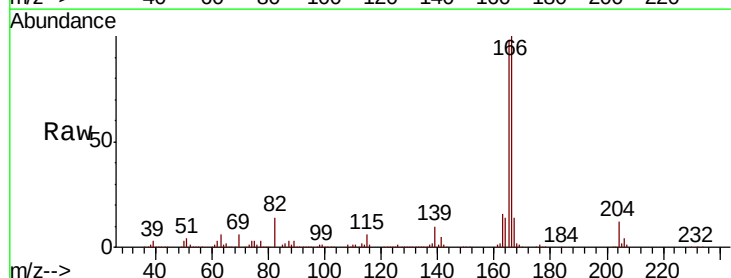


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

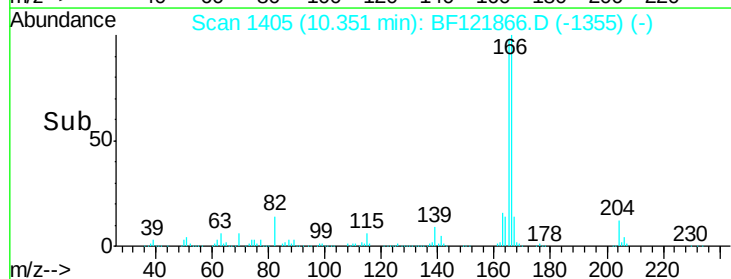
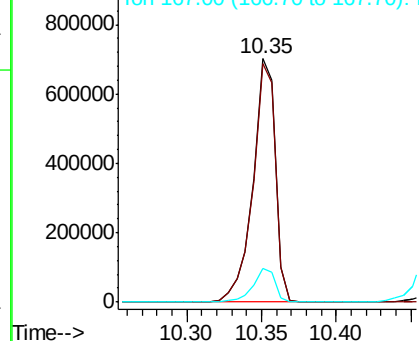


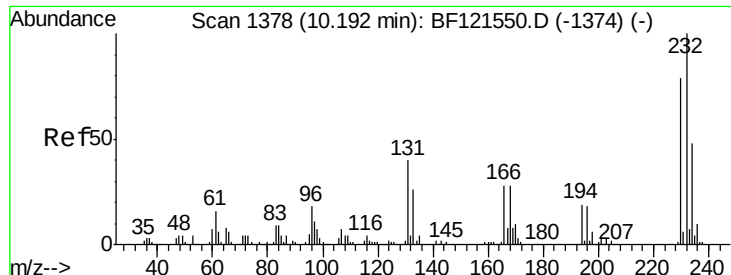
#58
Fluorene
Concen: 36.824 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	722906		
165	98.0	79.1	118.7	
167	13.8	11.0	16.6	



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





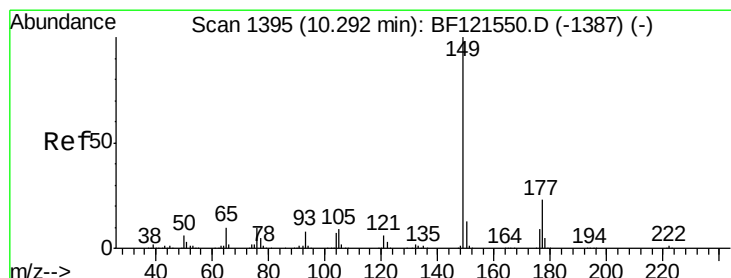
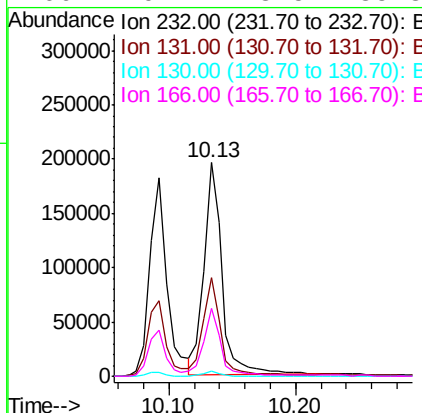
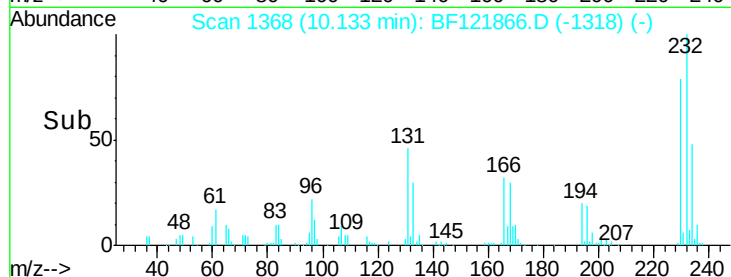
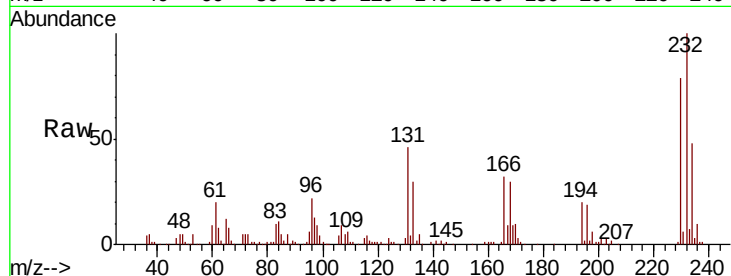
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.923 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		195720		
131	44.4	35.9	53.9		
130	2.4	1.8	2.6		
166	29.7	23.5	35.3		

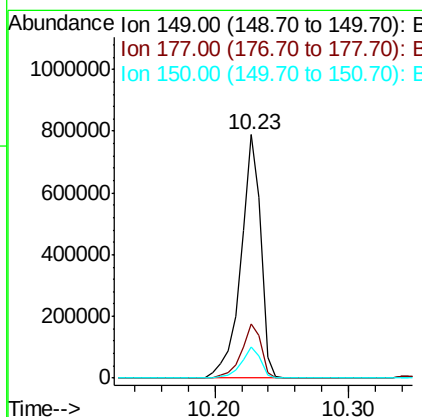
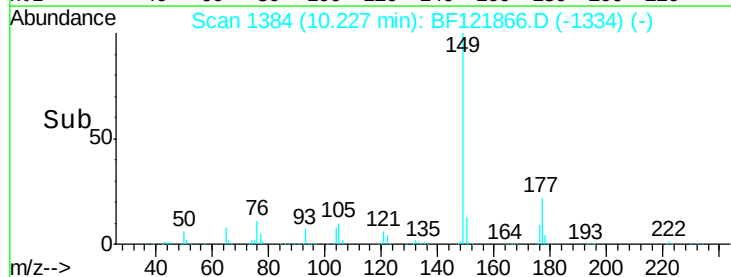
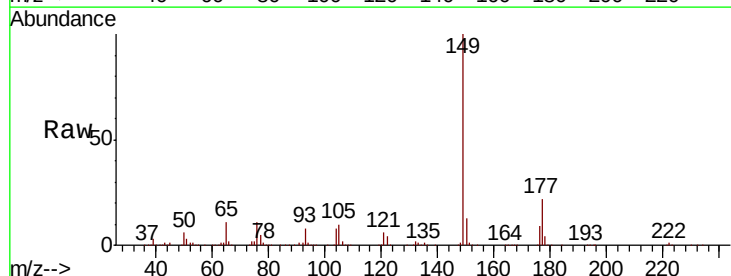
Manual Integrations
APPROVED

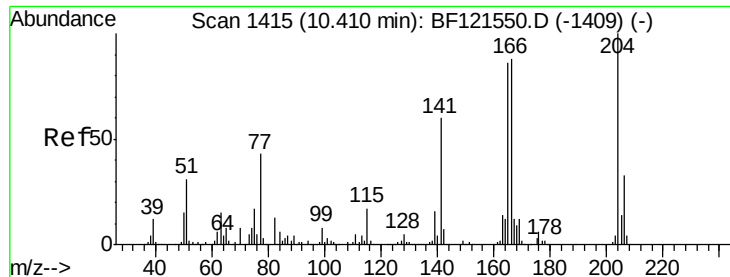
mohammad
10/8/2020 12:29:01 PM



#60
Diethylphthalate
Concen: 38.251 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		804808		
177	22.2	18.1	27.1		
150	12.7	10.3	15.5		





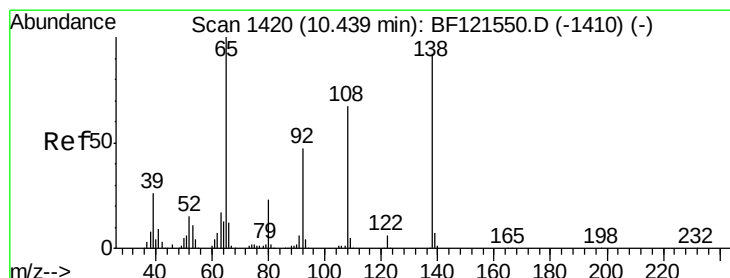
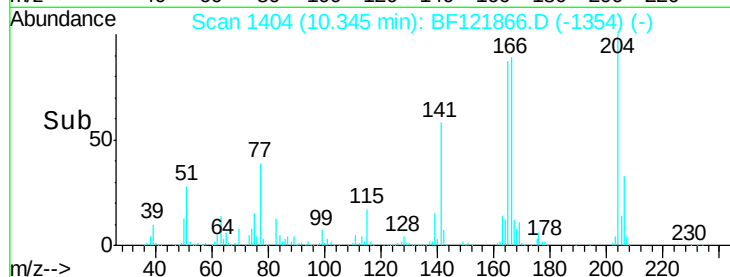
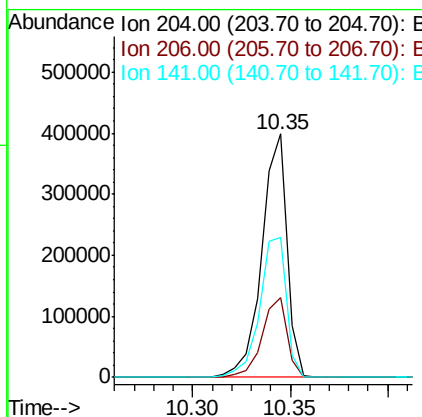
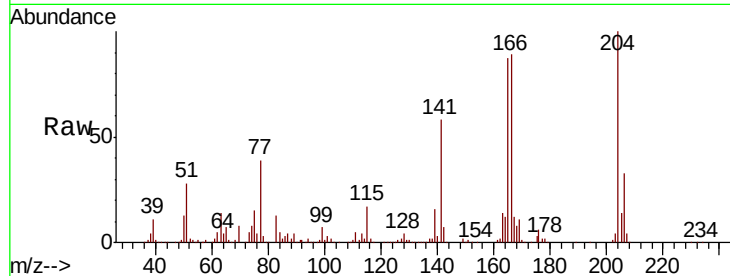
#61
 4-Chlorophenyl-phenylether
 Concen: 38.000 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampled :
 PB132129BS

Tot Ion:	204	Resp:	357354
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.0	39.0
141	57.5	46.2	69.4

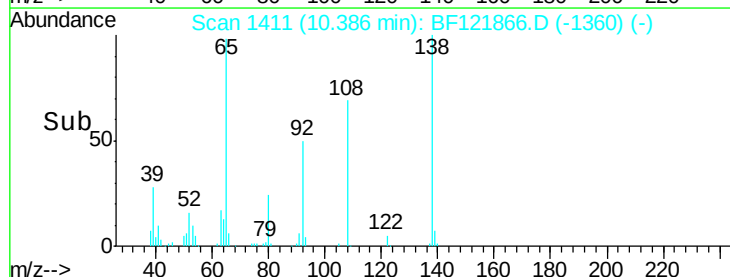
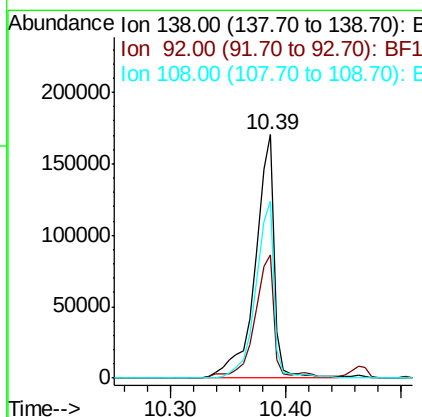
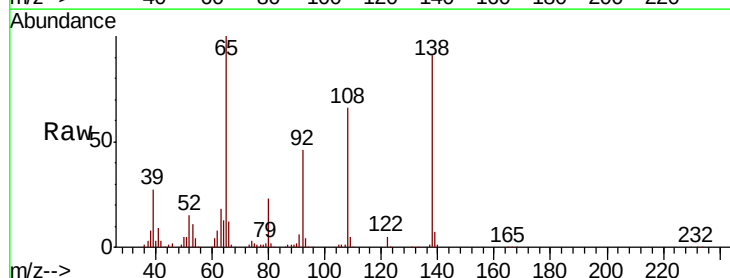
Manual Integrations
 APPROVED

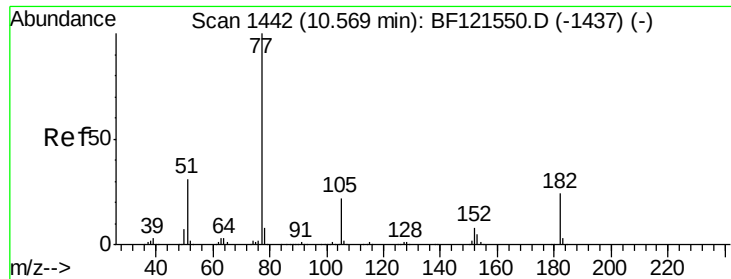
mohammad
 10/8/2020 12:29:01 PM



#62
 4-Nitroaniline
 Concen: 37.270 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion:	138	Resp:	197016
Ion Ratio	Lower	Upper	
138	100		
92	50.5	31.0	71.0
108	72.6	51.5	91.5





#63

Azobenzene

Concen: 36.845 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

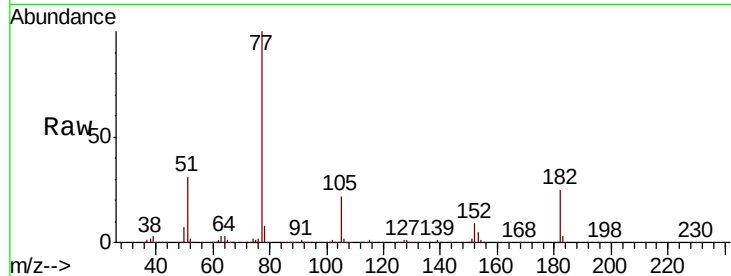
ClientSampleId :

PB132129BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	3.4	43.4
105	21.8	1.7	41.7
51	31.5	11.6	51.6

Manual Integrations
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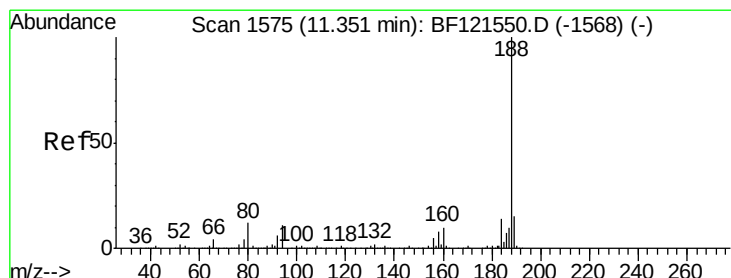
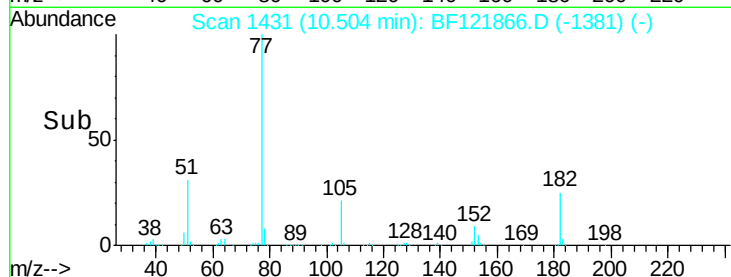
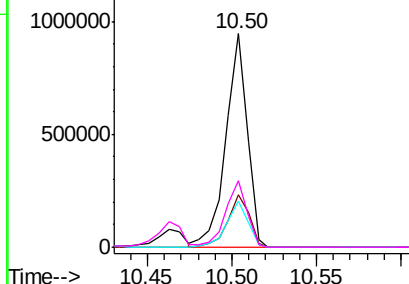
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

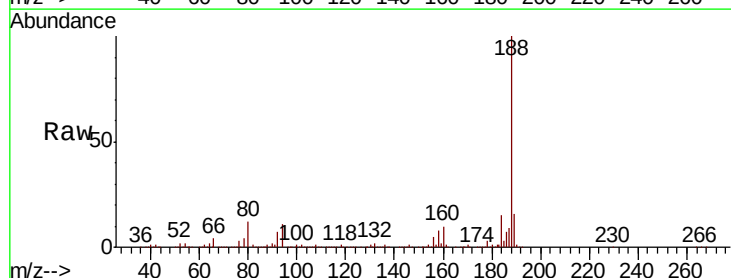
RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.3	12.5
80	12.3	9.1	13.7

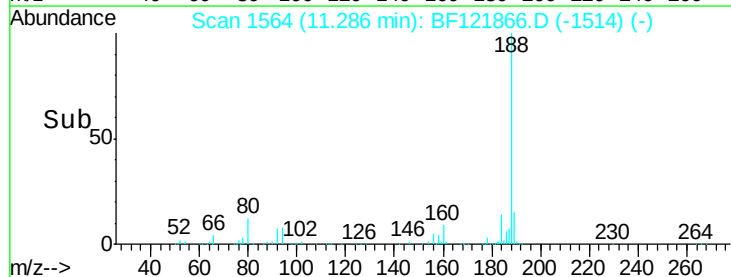
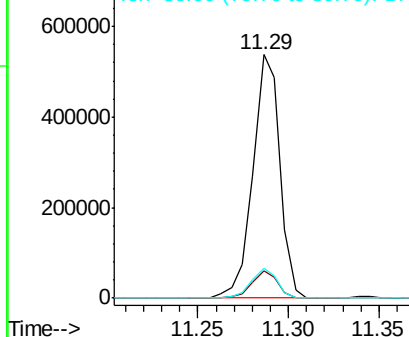


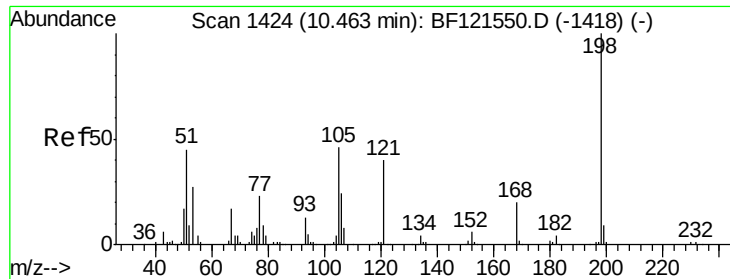
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





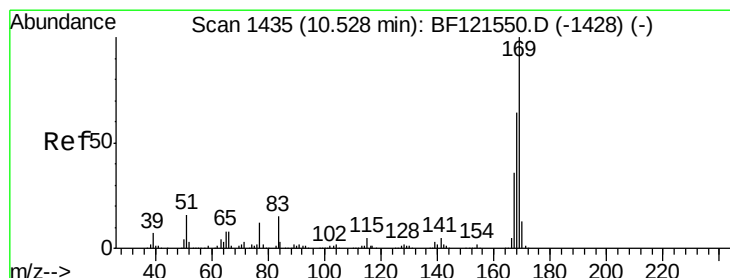
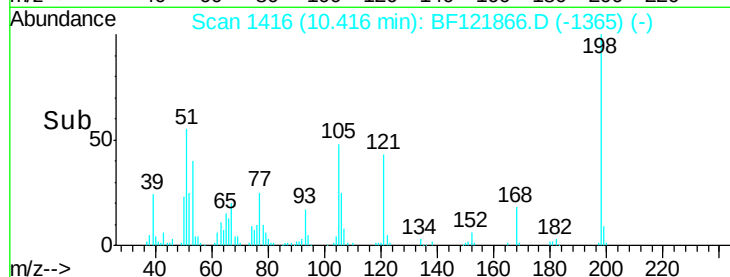
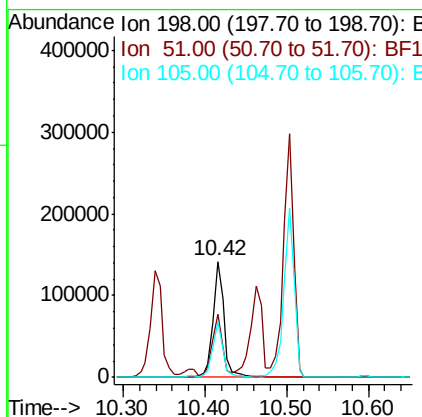
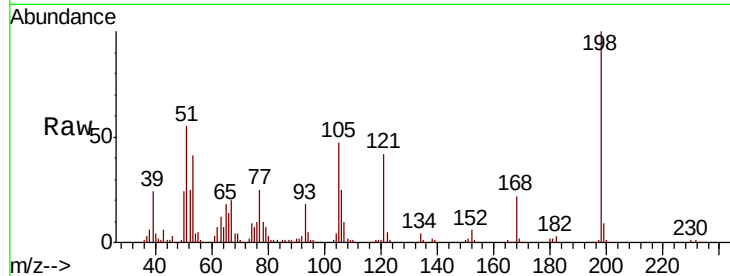
#65
4,6-Dinitro-2-methylphenol
Concen: 40.688 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	134589		
51	55.0	29.6	69.6	
105	47.4	24.4	64.4	

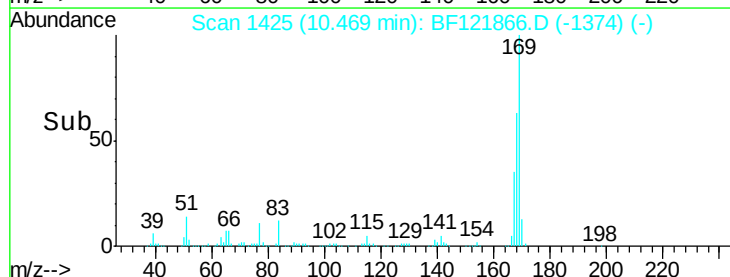
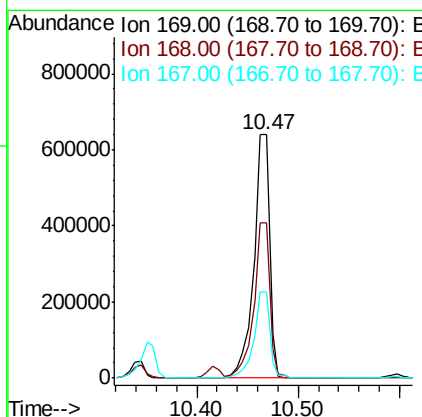
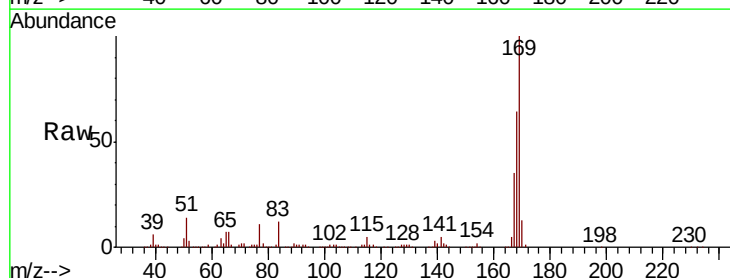
Manual Integrations
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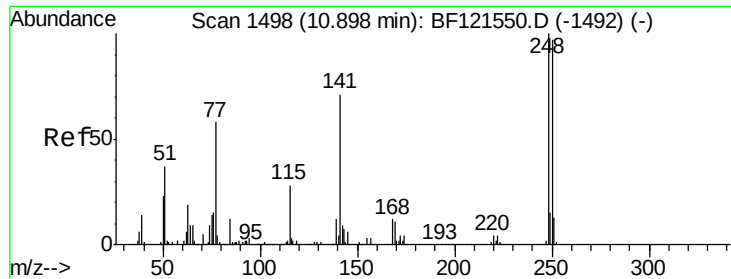
mohammad
10/8/2020 12:29:01 PM



#66
n-Nitrosodiphenylamine
Concen: 36.460 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	695076		
168	63.8	50.0	75.0	
167	35.3	27.8	41.6	





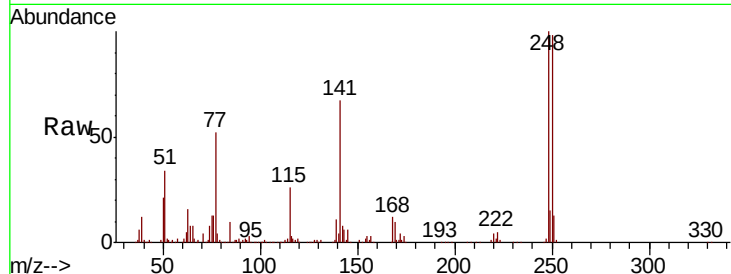
#67
4-Bromophenyl-phenylether
Concen: 37.446 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.6
141	66.8	53.7	80.5

Manual Integrations
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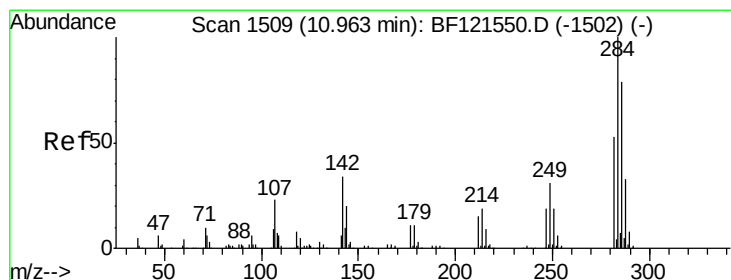
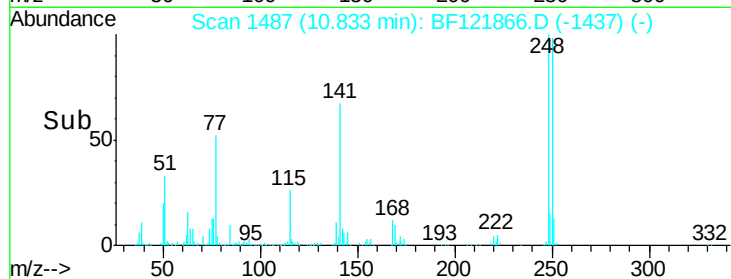
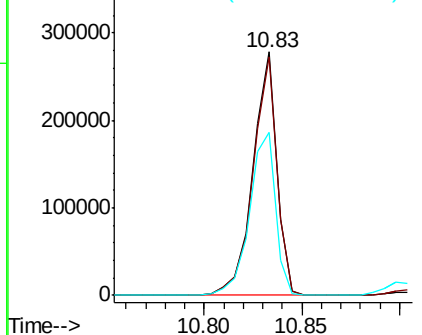


Abundance

Ion 248.00 (247.70 to 248.70): E

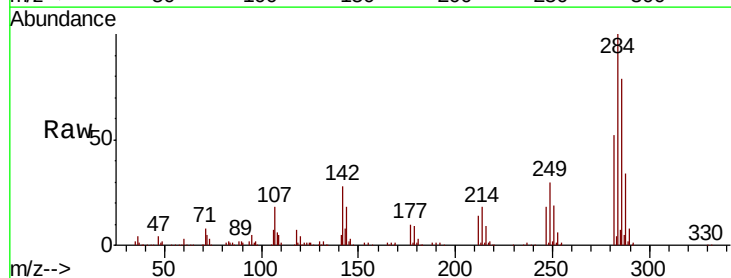
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.351 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	27.4	41.2
249	30.0	24.2	36.4

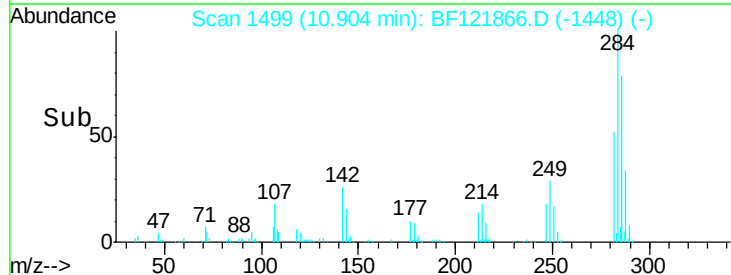
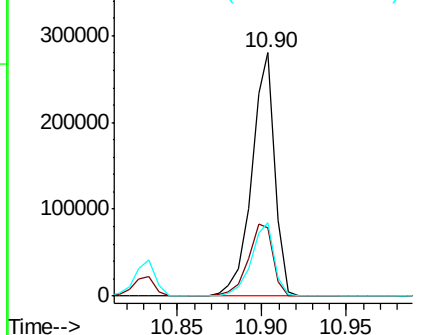


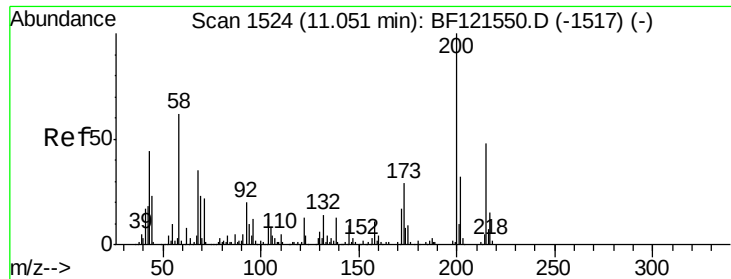
Abundance

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





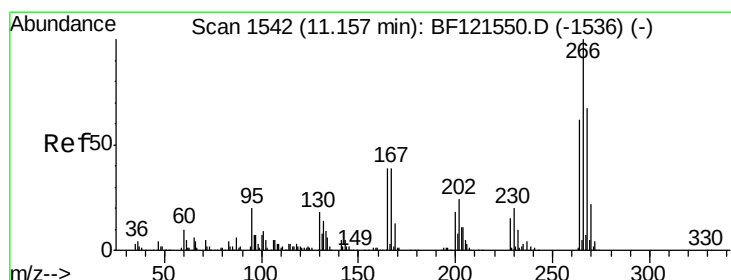
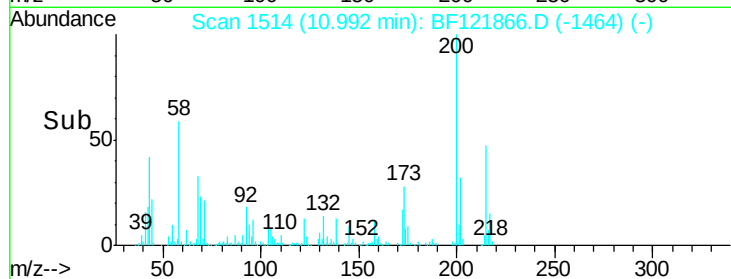
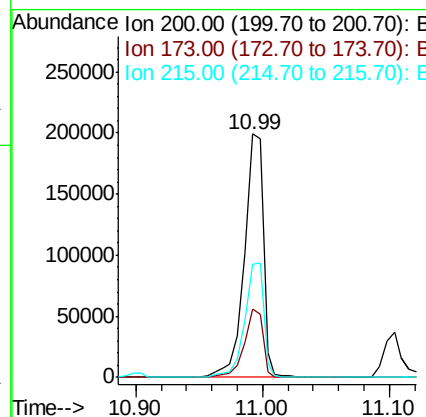
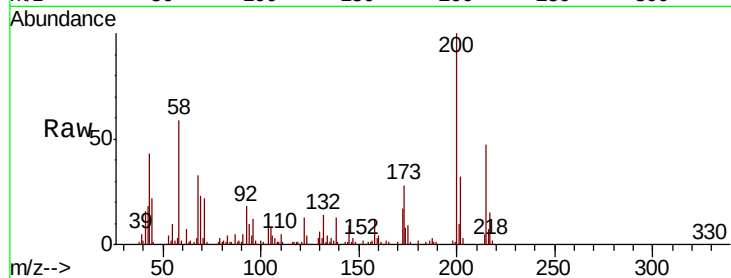
#69
Atrazine
Concen: 43.235 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	204777		
173	28.2	7.5	47.5	
215	46.6	27.1	67.1	

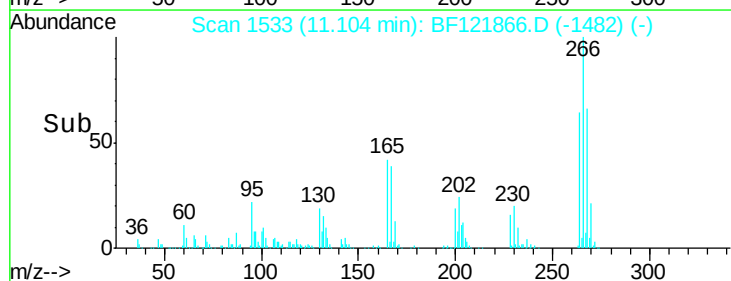
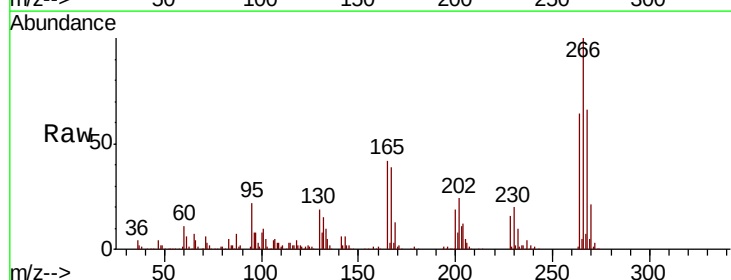
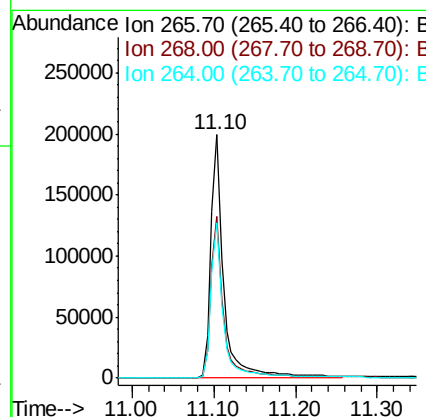
Manual Integrations
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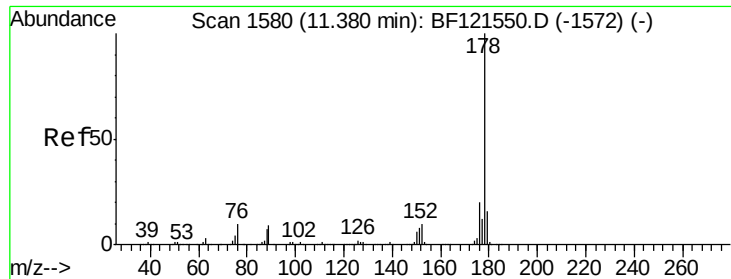
mohammad
10/8/2020 12:29:01 PM



#70
Pentachlorophenol
Concen: 56.835 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	222858		
268	66.5	52.4	78.6	
264	63.9	49.9	74.9	





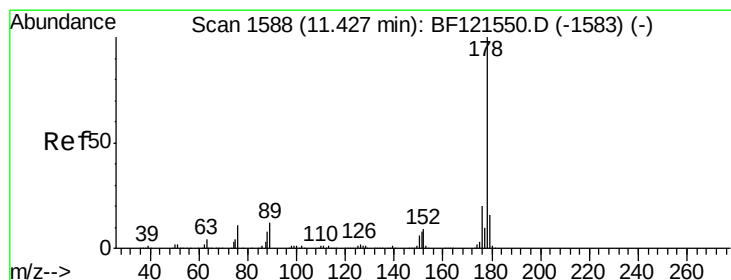
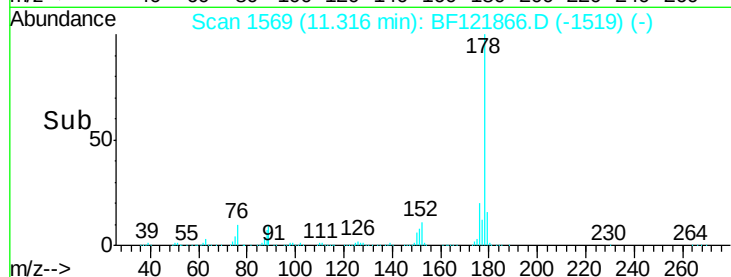
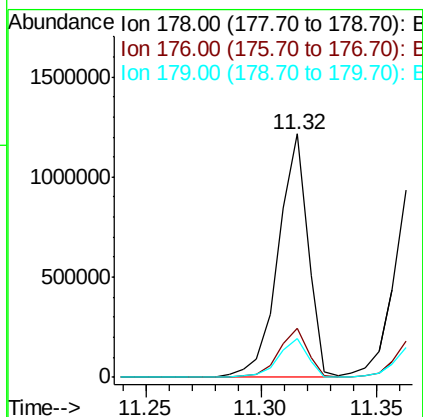
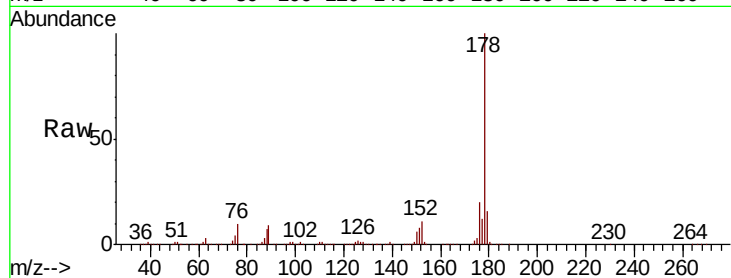
#71
Phenanthrene
Concen: 35.755 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion:178 Resp: 1082529
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.7 12.2 18.4

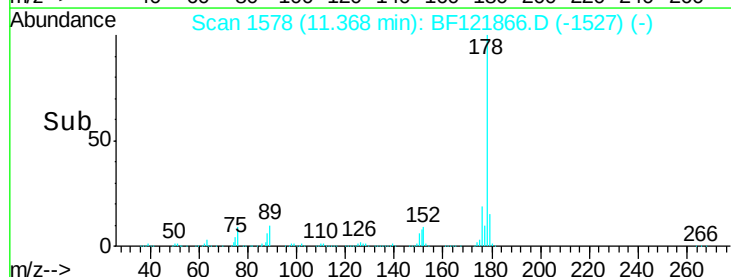
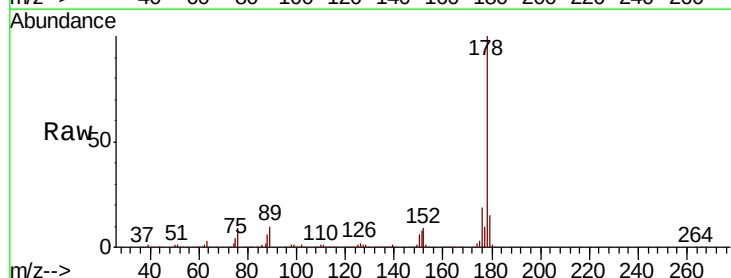
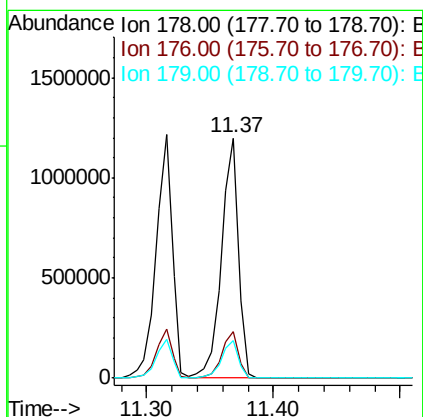
Manual Integrations
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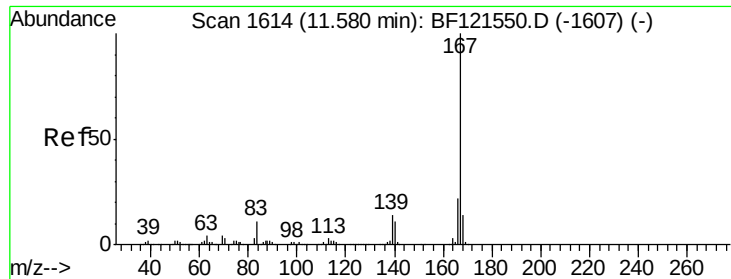
mohammad
10/8/2020 12:29:01 PM



#72
Anthracene
Concen: 35.932 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion:178 Resp: 1122641
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.4 12.7 19.1





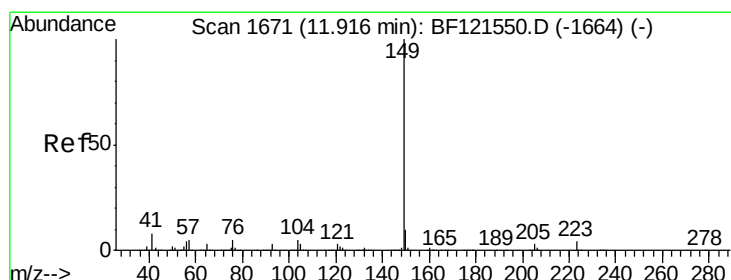
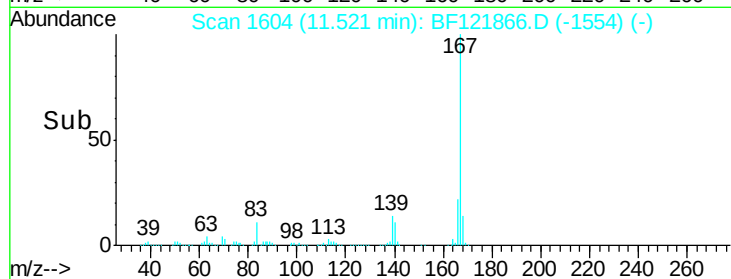
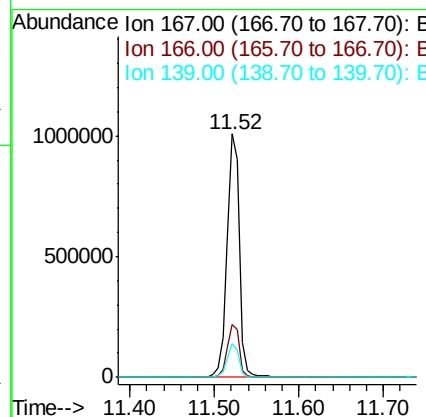
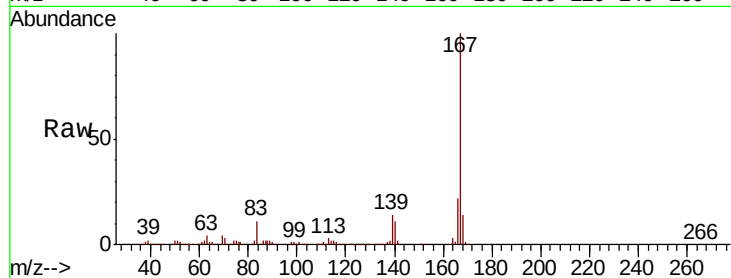
#73
 Carbazole
 Concen: 36.353 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.8	10.8	16.2

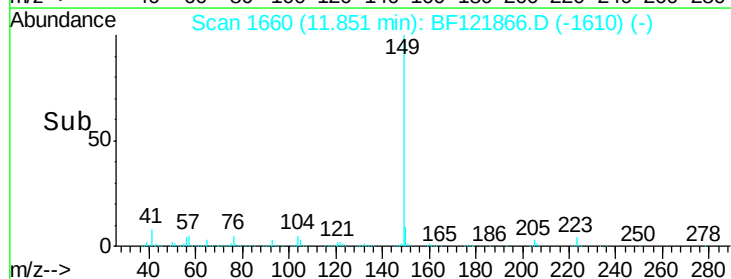
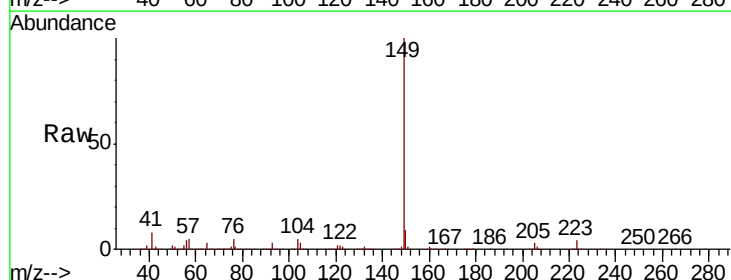
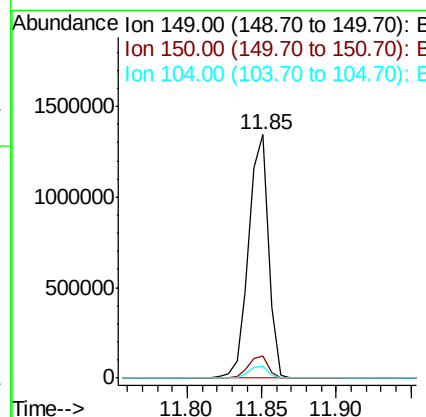
Manual Integrations
 APPROVED

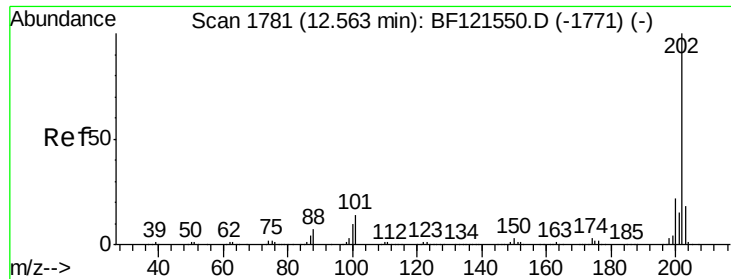
mohammad
 10/8/2020 12:29:01 PM



#74
 Di-n-butylphthalate
 Concen: 38.238 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.2	4.2	6.2





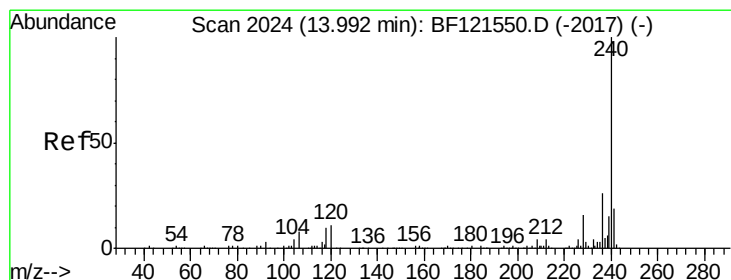
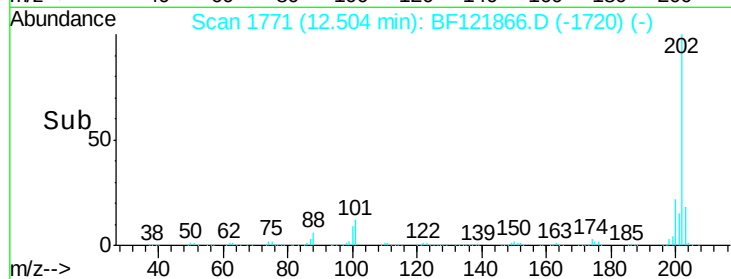
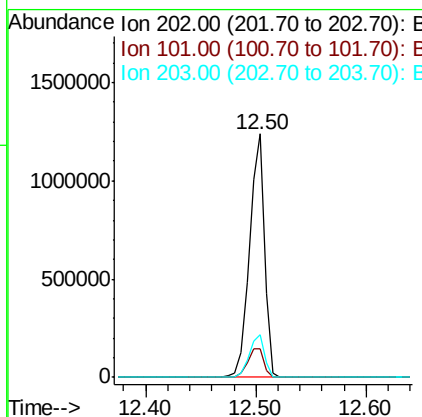
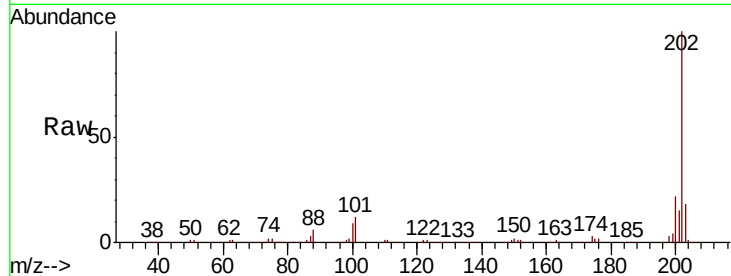
#75
Fluoranthene
Concen: 36.671 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1185190		
101	12.0	0.0	33.4	
203	17.7	0.0	37.9	

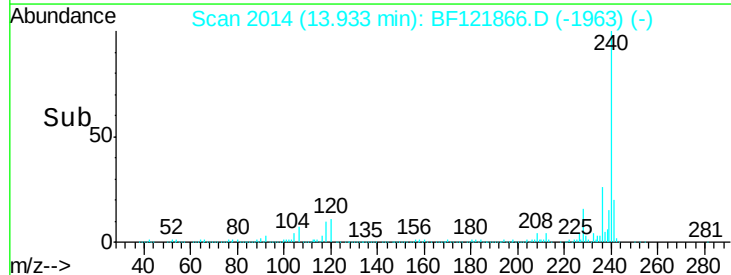
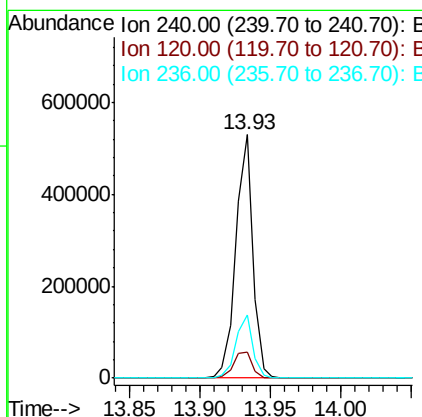
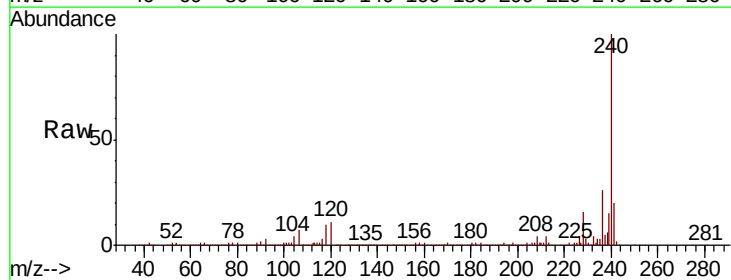
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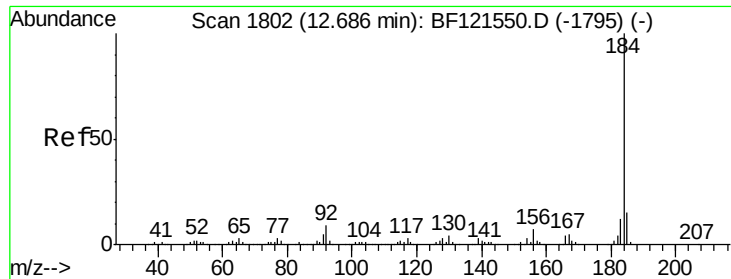
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	444119		
120	10.9	9.2	13.8	
236	26.1	20.9	31.3	





#77

Benzidine

Concen: 25.869 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

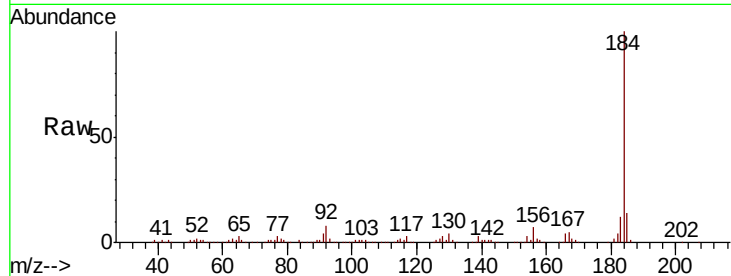
ClientSampleId :

PB132129BS

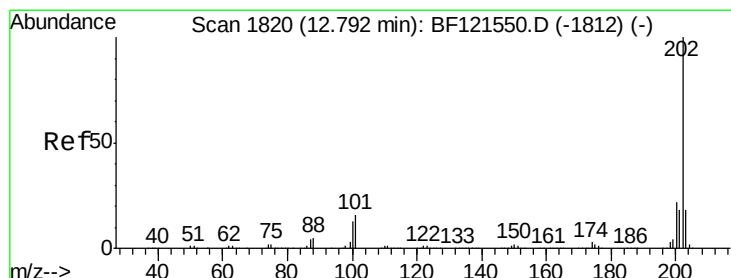
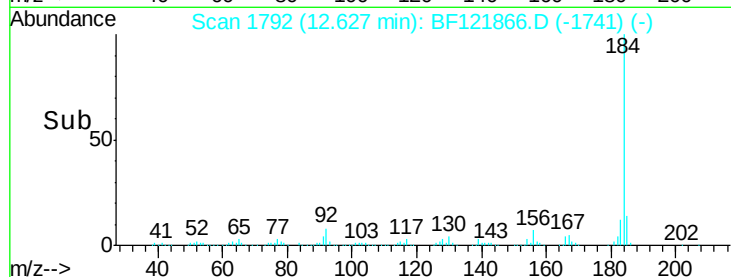
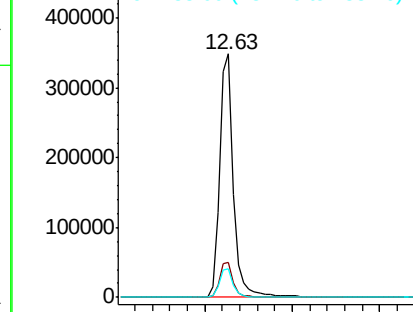
Tot Ion:	184	Resp:	380879
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.6	17.4
183	11.6	9.4	14.0

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



#78

Pyrene

Concen: 36.890 ng

RT: 12.73 min Scan# 1810

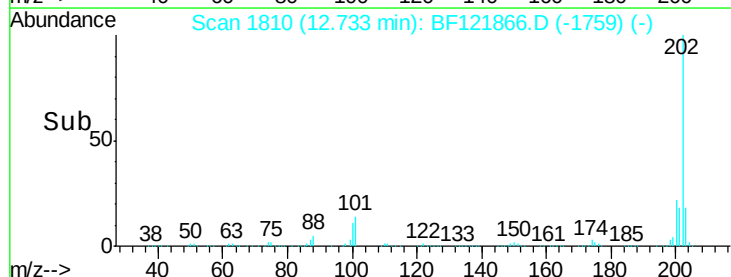
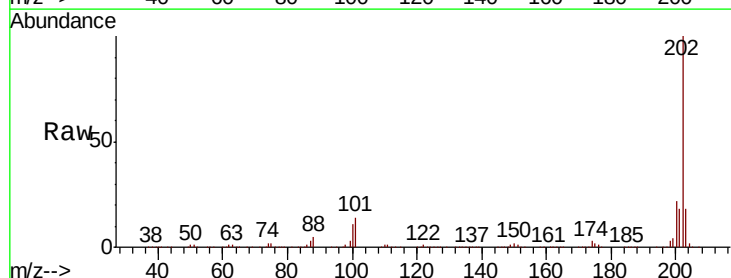
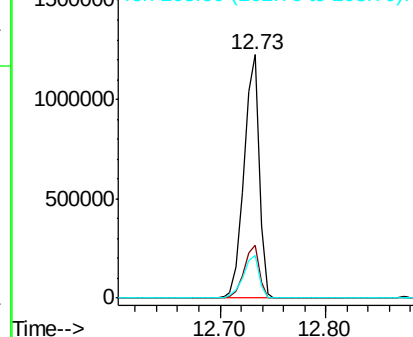
Delta R.T. -0.00 min

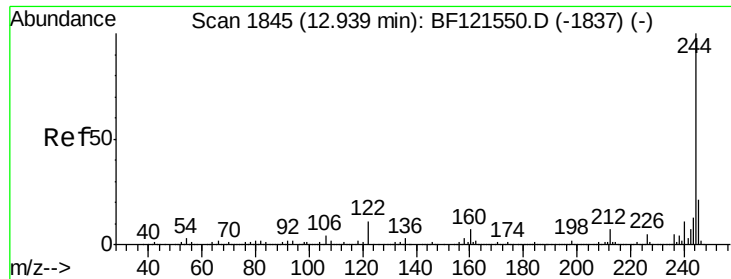
Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Tgt Ion:	202	Resp:	1197023
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.5	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: 75.780 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

Instrument :

BNA_F

ClientSampleId :

PB132129BS

Tot Ion:244 Resp: 1661250

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

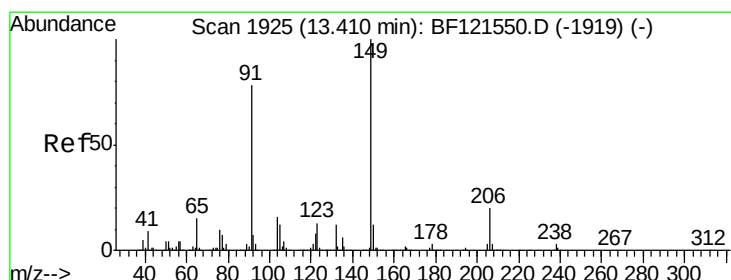
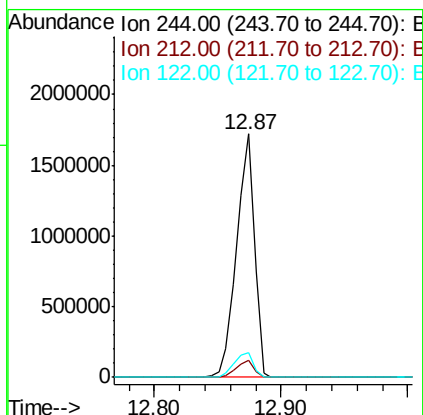
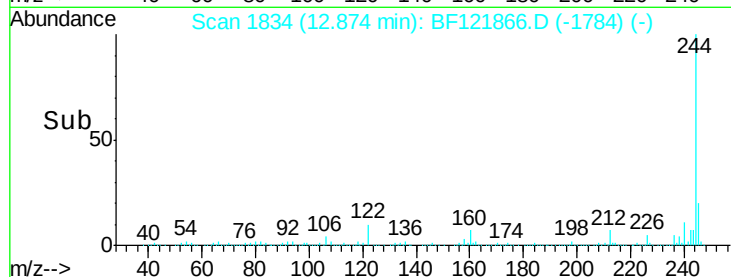
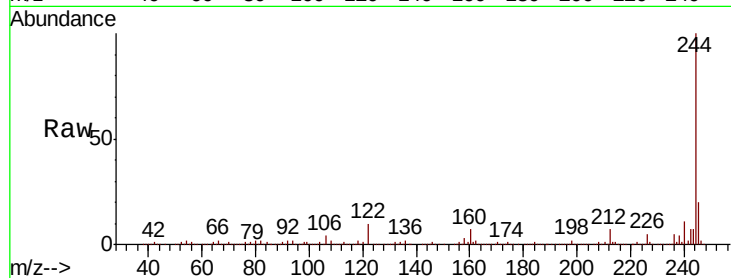
122 10.3 8.1 12.1

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#80

Butylbenzylphthalate

Concen: 40.933 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121866.D

Acq: 7 Oct 2020 11:07

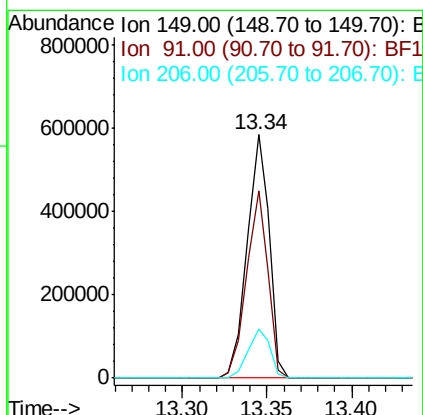
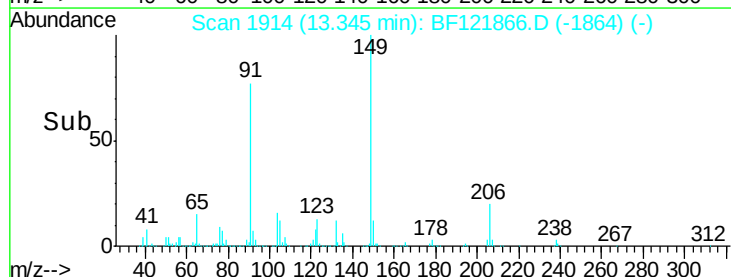
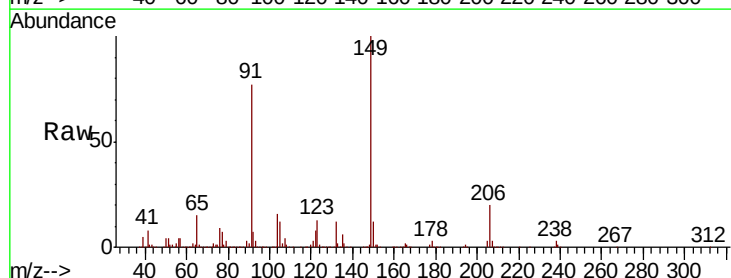
Tgt Ion:149 Resp: 537171

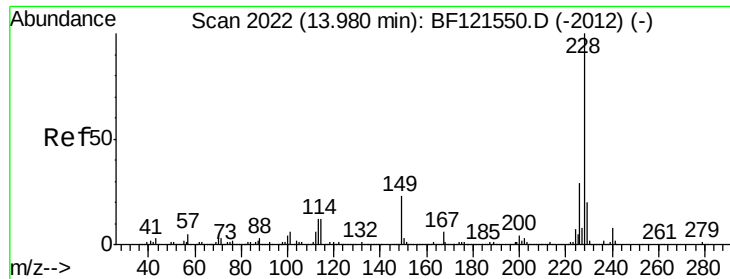
Ion Ratio Lower Upper

149 100

91 77.1 61.0 91.4

206 20.4 16.7 25.1





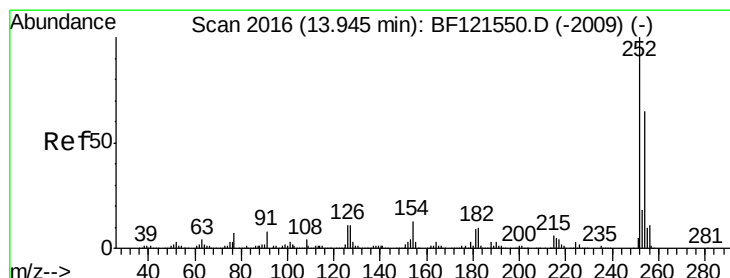
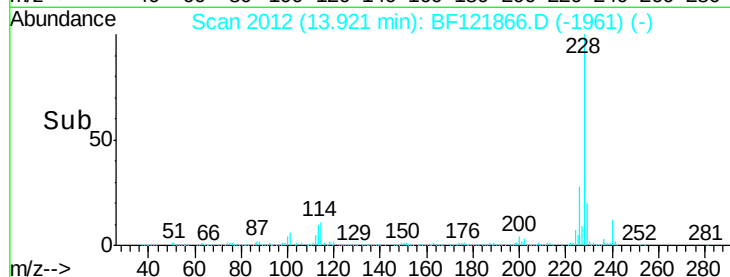
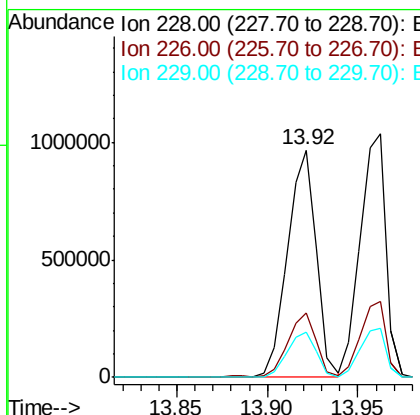
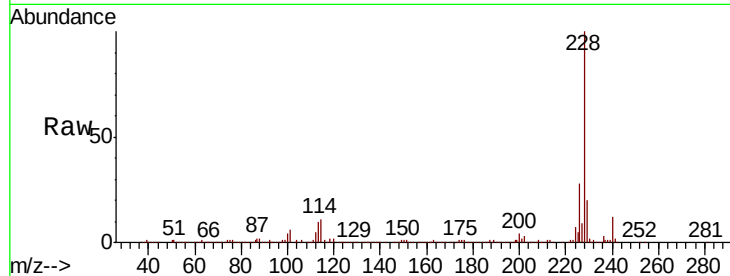
#81
Benzo(a)anthracene
Concen: 38.139 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	19.9	16.2	24.4

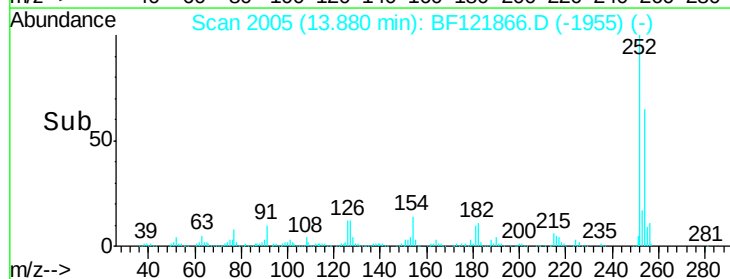
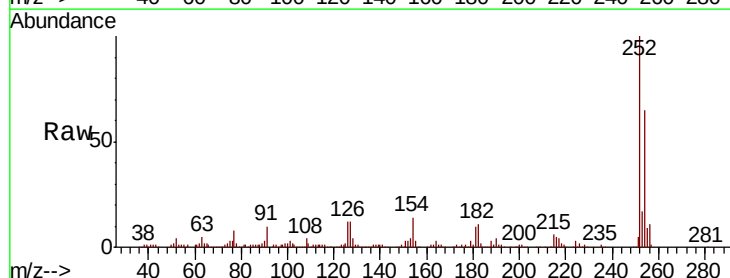
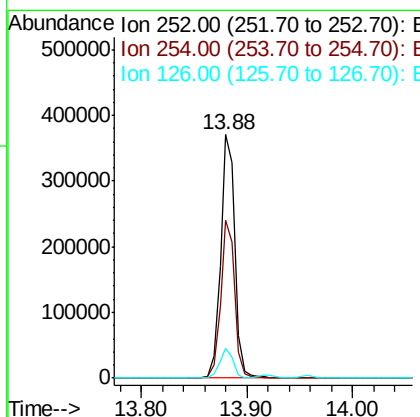
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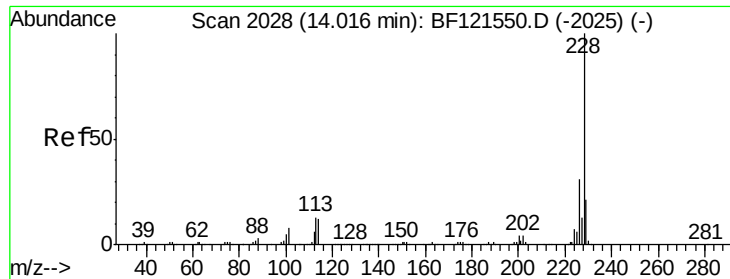
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#82
3,3'-Dichlorobenzidine
Concen: 32.121 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	12.5	8.8	13.2





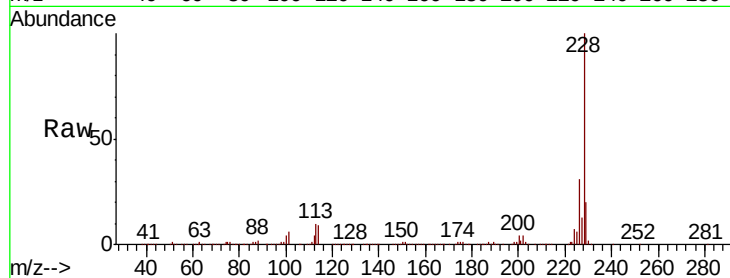
#83
 Chrysene
 Concen: 36.178 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleID :
 PB132129BS

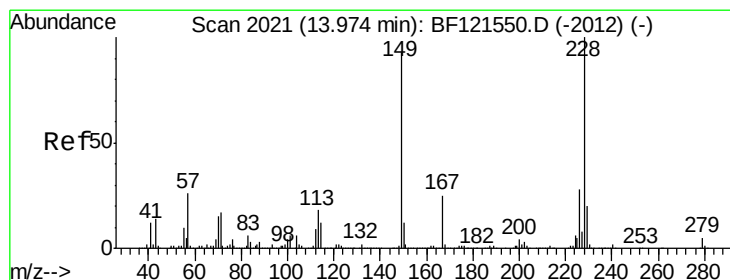
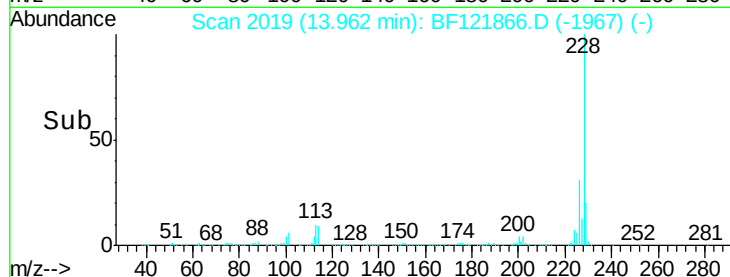
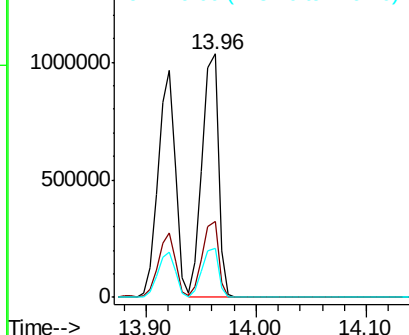
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	20.1	15.9	23.9

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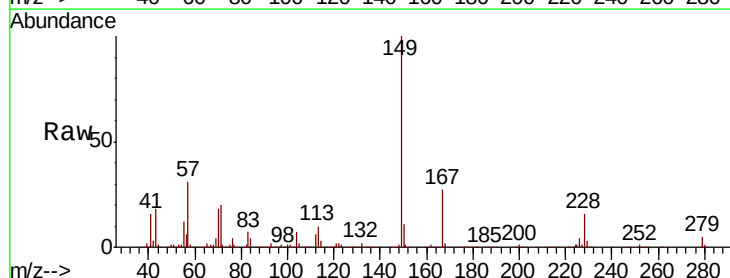


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

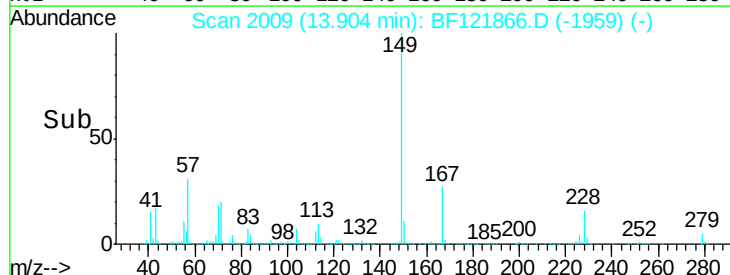
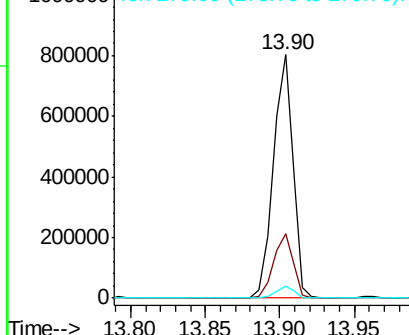


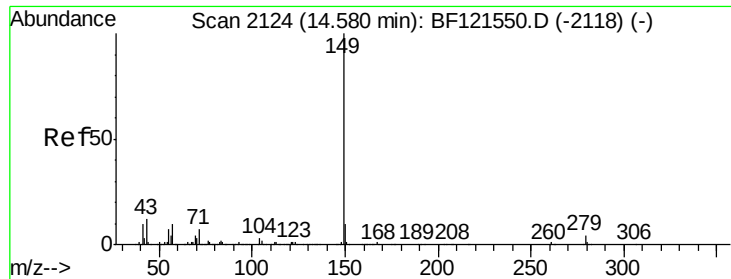
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.580 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.9	31.3
279	4.6	3.2	4.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





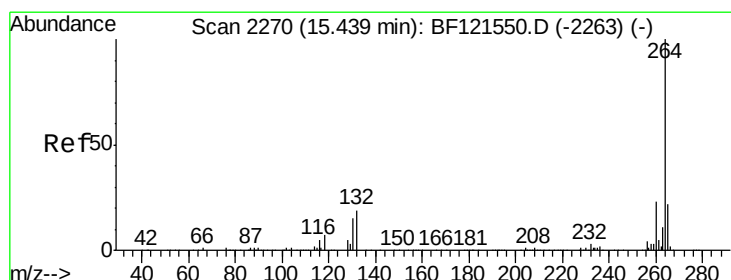
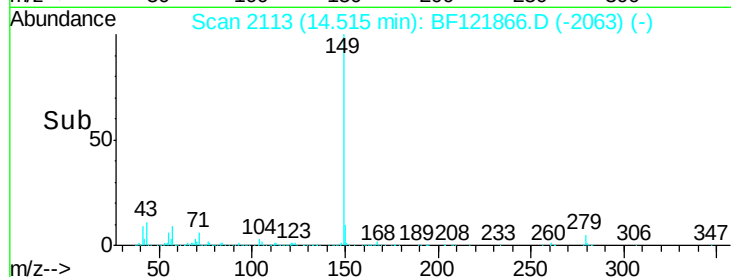
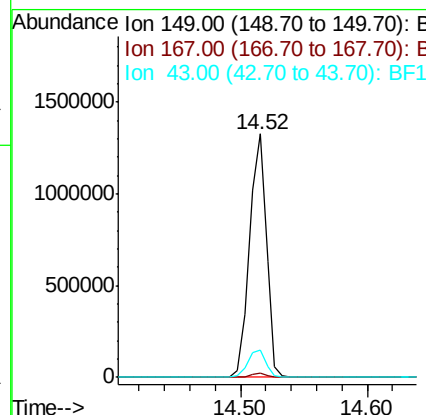
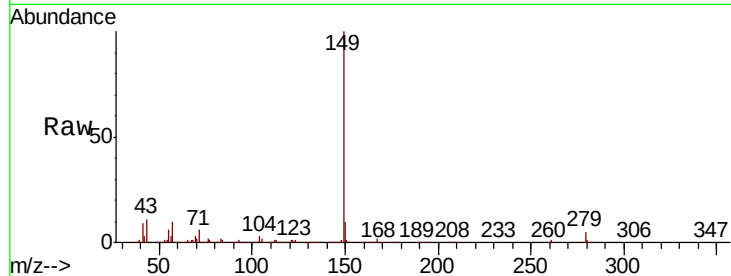
#85
Di-n-octyl phthalate
Concen: 39.290 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	9.0	13.6

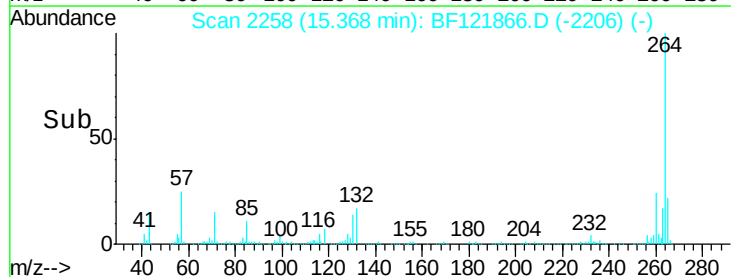
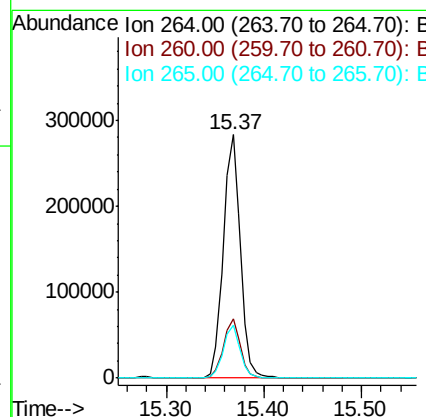
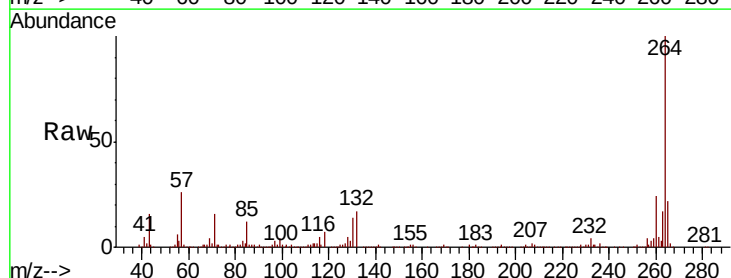
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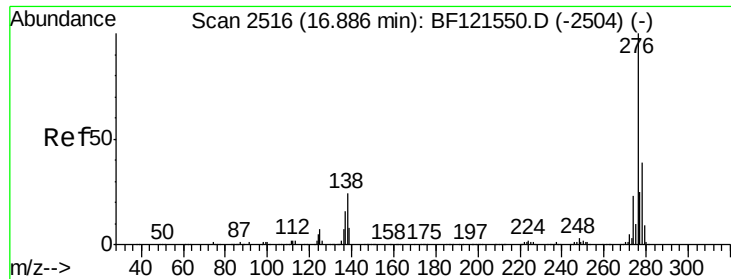
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.9	17.3	25.9





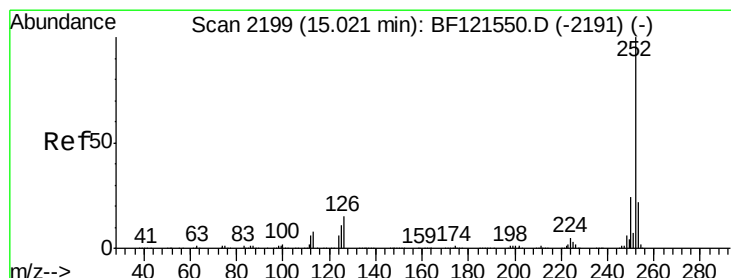
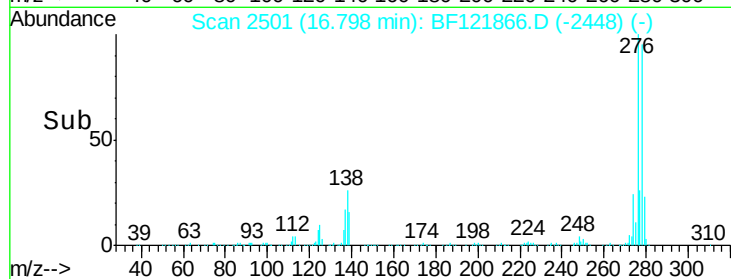
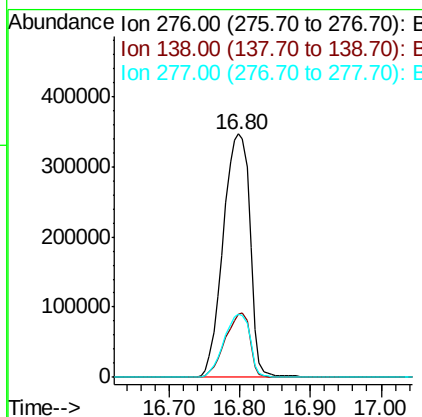
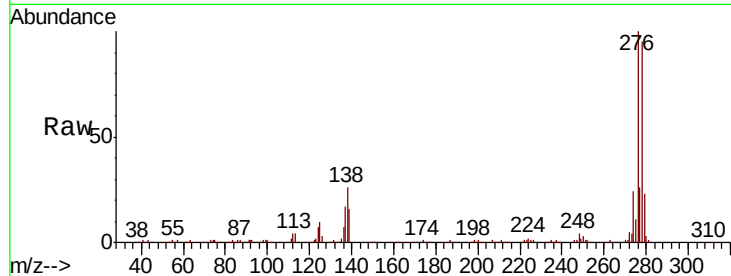
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.690 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. 0.01 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.9	29.9
277	25.4	20.4	30.6

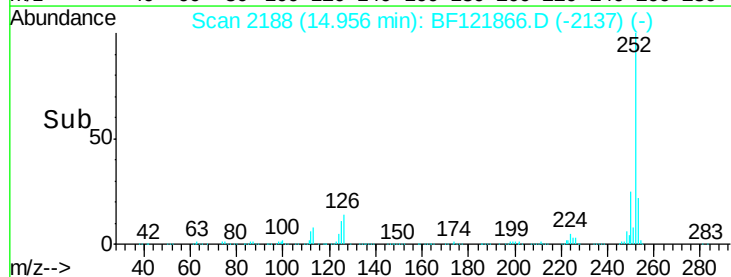
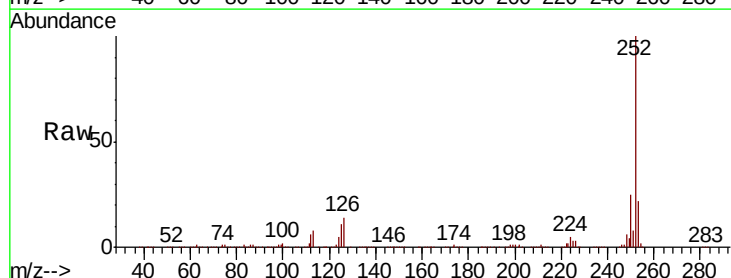
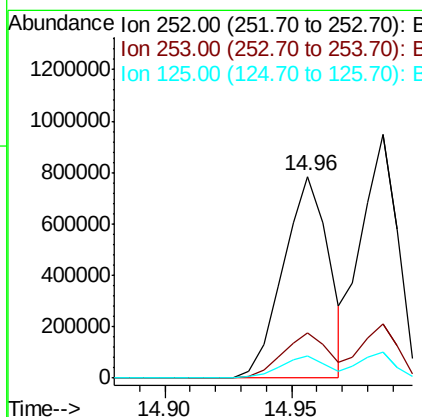
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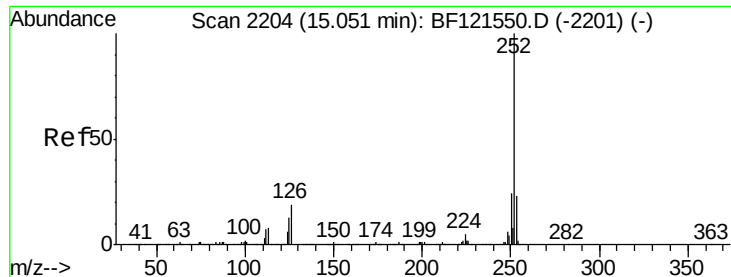
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#88
 Benzo(b)fluoranthene
 Concen: 42.756 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BF121866.D
 Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.0	8.0	12.0





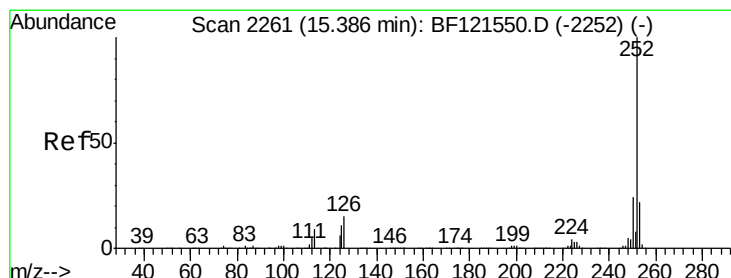
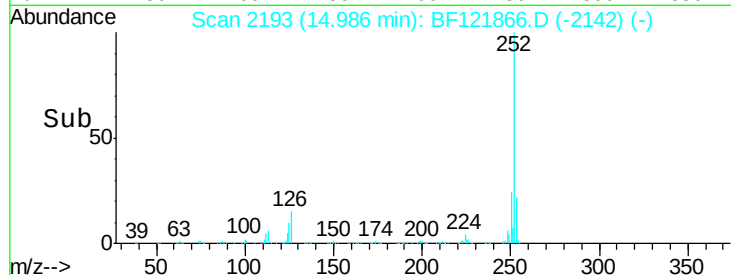
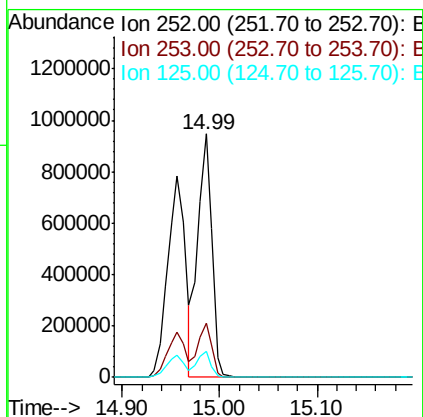
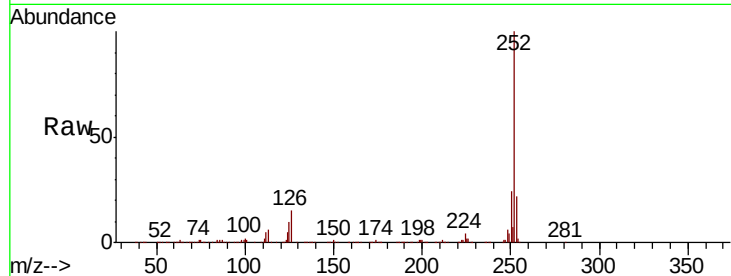
#89
Benzo(k)fluoranthene
Concen: 45.074 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.4	7.7	11.5

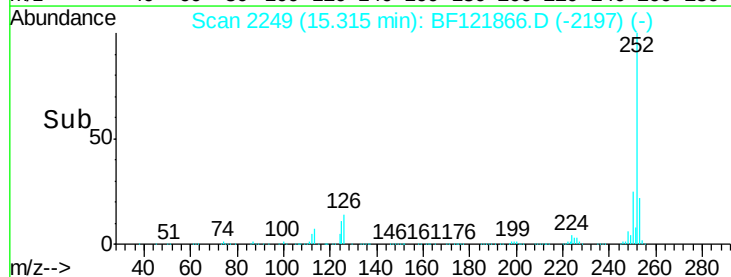
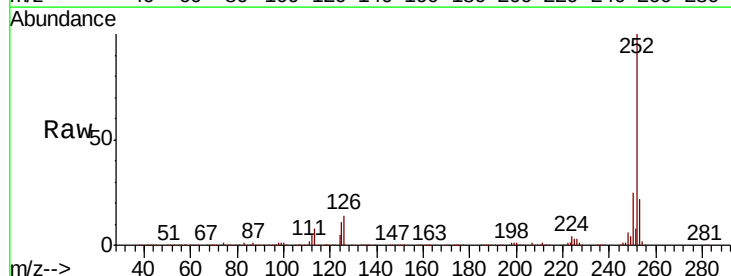
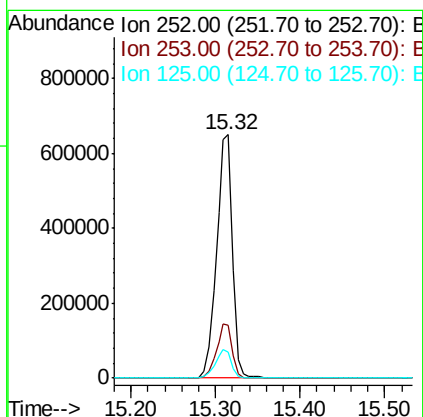
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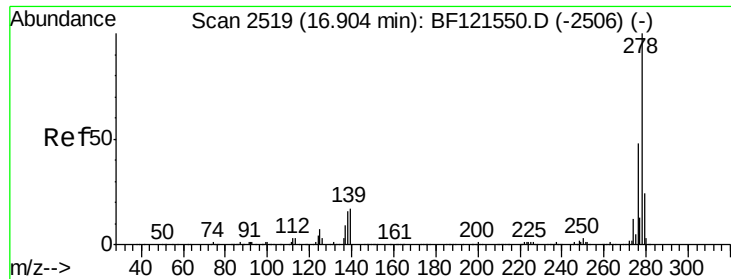
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#90
Benzo(a)pyrene
Concen: 44.165 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.9	8.6	13.0





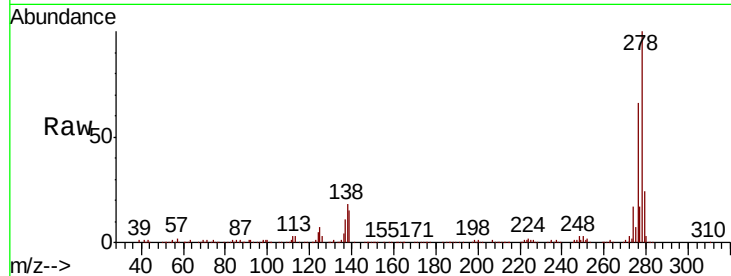
#91
Dibenzo(a,h)anthracene
Concen: 40.843 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Instrument :
BNA_F
ClientSampleId :
PB132129BS

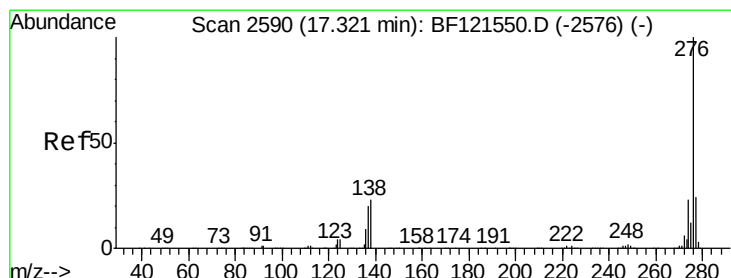
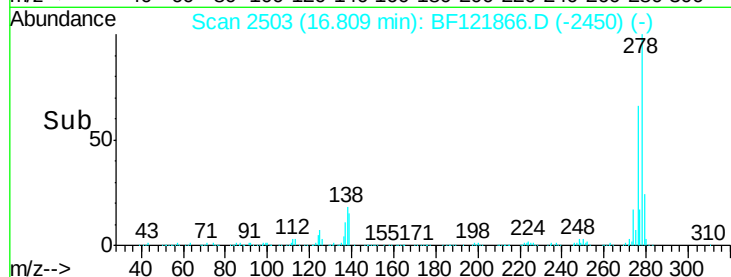
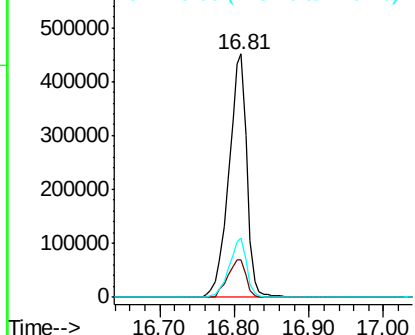
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.0	19.4
279	24.1	19.0	28.4

Manual Integrations
APPROVED

mohammad
10/8/2020 12:29:01 PM

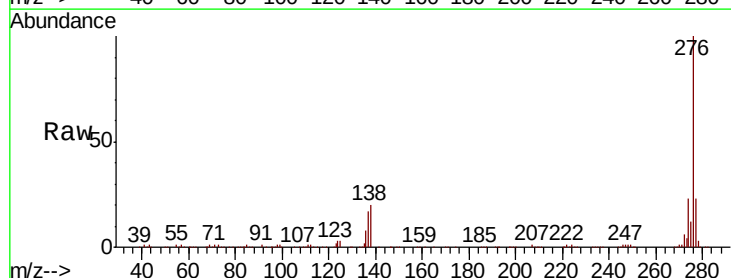


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.203 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.02 min
Lab File: BF121866.D
Acq: 7 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	20.5	17.8	26.6



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

