

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121069.D
 Acq On : 28 Jul 2020 14:53
 Operator : JU/CG
 Sample : L3435-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Manual Integrations
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mohammad
 7/29/2020 11:47:18 AM

Quant Time: Jul 28 15:55:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	161590	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	635303	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	342970	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	670995	20.00	ng	0.00
76) Chrysene-d12	13.97	240	534216	20.00	ng	0.00
86) Perylene-d12	15.42	264	509736	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1068232	108.37	ng	0.01
7) Phenol-d6	6.45	99	1340396	105.27	ng	0.00
23) Nitrobenzene-d5	7.38	82	848566	77.29	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	415286	110.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1518545	66.11	ng	0.00
79) Terphenyl-d14	12.92	244	1661428	67.61	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.58	88	156749	34.553	ng	99
3) Pyridine	3.33	79	345173	28.603	ng	99
4) n-Nitrosodimethylamine	3.26	42	178992	34.686	ng	97
6) Aniline	6.47	93	345246	20.772	ng	100
8) 2-Chlorophenol	6.60	128	411222	37.870	ng	98
9) Benzaldehyde	6.36	77	274072	46.310	ng	98
10) Phenol	6.46	94	470447	33.588	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	384914	35.859	ng	97
12) 1,3-Dichlorobenzene	6.75	146	415735	35.308	ng	100
13) 1,4-Dichlorobenzene	6.83	146	423942	36.209	ng	99
14) 1,2-Dichlorobenzene	6.98	146	404027	36.476	ng	99
15) Benzyl Alcohol	6.96	79	321008	35.650	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	536445	34.672	ng	99
17) 2-Methylphenol	7.07	107	321369	33.391	ng	99
18) Hexachloroethane	7.33	117	155859	36.779	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	252468	34.870	ng	97
20) 3+4-Methylphenols	7.22	107	371548	30.348	ng	# 82
22) Acetophenone	7.22	105	509248	35.716	ng	# 95
24) Nitrobenzene	7.40	77	407578	34.442	ng	97
25) Isophorone	7.63	82	757574	34.573	ng	98
26) 2-Nitrophenol	7.71	139	214851	38.228	ng	95
27) 2,4-Dimethylphenol	7.75	122	349820	38.337	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	484457	36.219	ng	99
29) 2,4-Dichlorophenol	7.96	162	339761	36.438	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	362560	35.047	ng	99
31) Naphthalene	8.12	128	1122427	34.443	ng	100
32) Benzoic acid	7.88	122	259503	37.885	ng	97
33) 4-Chloroaniline	8.16	127	157009	10.800	ng	98
34) Hexachlorobutadiene	8.23	225	209333	34.325	ng	99
35) Caprolactam	8.54	113	109968	36.776	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	355484	37.173	ng	97
37) 2-Methylnaphthalene	8.81	142	769741	36.378	ng	99
38) 1-Methylnaphthalene	8.91	142	718719	35.864	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	350188	35.044	ng	99

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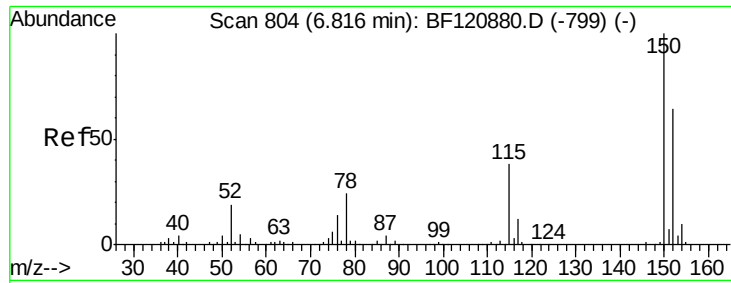
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	370534	67.092	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	247846	35.227	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	266101	33.342	ng	96
46) 1,1'-Biphenyl	9.27	154	937587	35.838	ng	100
47) 2-Chloronaphthalene	9.30	162	722491	33.872	ng	99
48) 2-Nitroaniline	9.39	65	225191	34.935	ng	98
49) Acenaphthylene	9.72	152	1157720	34.938	ng	100
50) Dimethylphthalate	9.58	163	1072143	43.331	ng	100
51) 2,6-Dinitrotoluene	9.64	165	195869	36.846	ng	87
52) Acenaphthene	9.89	154	779802m	37.015	ng	
53) 3-Nitroaniline	9.80	138	110967	16.644	ng	98
54) 2,4-Dinitrophenol	9.92	184	186513	62.583	ng	# 82
55) Dibenzofuran	10.06	168	1050181	34.472	ng	99
56) 4-Nitrophenol	9.97	139	334357	66.021	ng	95
57) 2,4-Dinitrotoluene	10.04	165	260611	37.332	ng	94
58) Fluorene	10.40	166	762706	33.567	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	233497	38.426	ng	97
60) Diethylphthalate	10.27	149	889534	35.543	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	375819	31.010	ng	97
62) 4-Nitroaniline	10.42	138	211798	32.613	ng	98
63) Azobenzene	10.55	77	818679	34.360	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	131369	34.962	ng	91
66) n-Nitrosodiphenylamine	10.51	169	745180	35.303	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	252743	33.784	ng	96
68) Hexachlorobenzene	10.95	284	286664	35.423	ng	96
69) Atrazine	11.04	200	209869	40.146	ng	98
70) Pentachlorophenol	11.15	266	344158	74.234	ng	100
71) Phenanthrene	11.36	178	1174440	34.032	ng	99
72) Anthracene	11.42	178	1234754	35.632	ng	100
73) Carbazole	11.57	167	1158494	33.688	ng	99
74) Di-n-butylphthalate	11.90	149	1445491	36.424	ng	100
75) Fluoranthene	12.55	202	1359757	35.548	ng	99
77) Benzidine	12.67	184	592287	42.169	ng	99
78) Pyrene	12.77	202	1367690	36.212	ng	99
80) Butylbenzylphthalate	13.39	149	652303	38.742	ng	99
81) Benzo(a)anthracene	13.96	228	1107331	34.230	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	347324	28.459	ng	99
83) Chrysene	14.00	228	1192094	35.066	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	814722	39.241	ng	99
85) Di-n-octyl phthalate	14.56	149	1580676	38.267	ng	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	1143776	32.264	ng	100
88) Benzo(b)fluoranthene	15.00	252	1139304	36.976	ng	100
89) Benzo(k)fluoranthene	15.03	252	1080320	38.445	ng	99
90) Benzo(a)pyrene	15.36	252	1001966	35.643	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	966825	33.388	ng	98
92) Benzo(g,h,i)perylene	17.28	276	945444	33.113	ng	100

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



#1

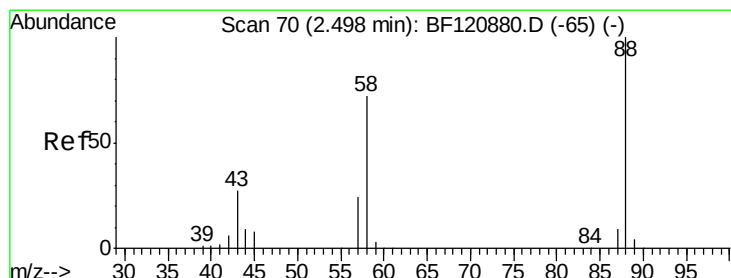
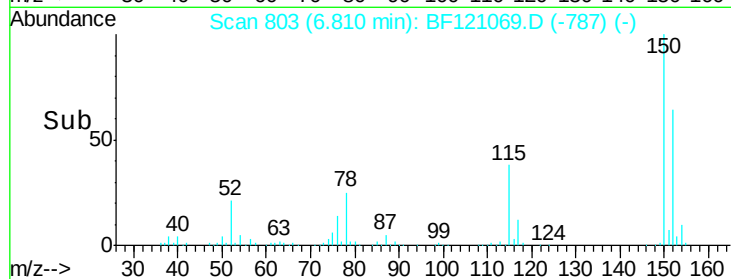
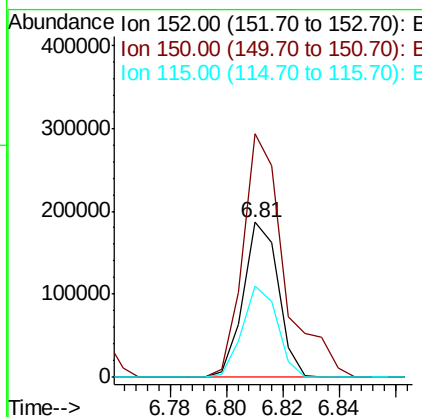
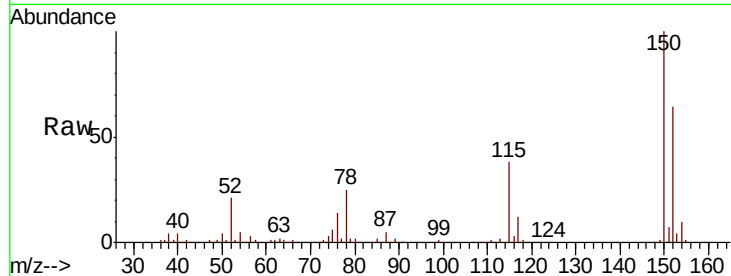
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.0	187.6
115	59.1	47.0	70.4

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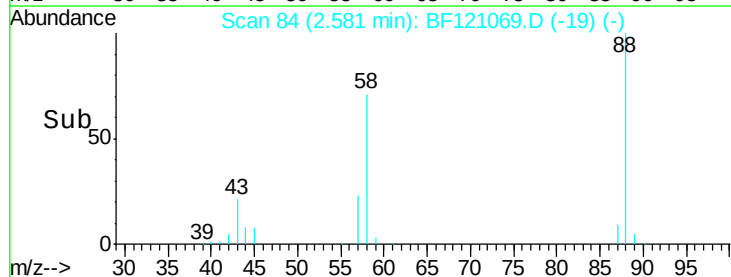
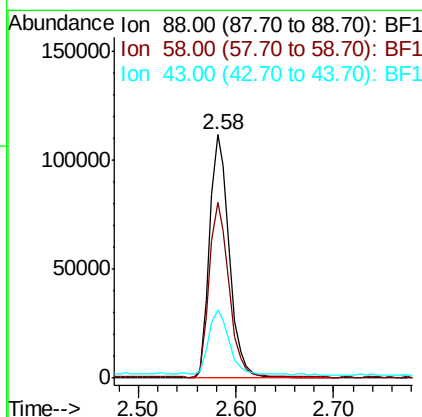
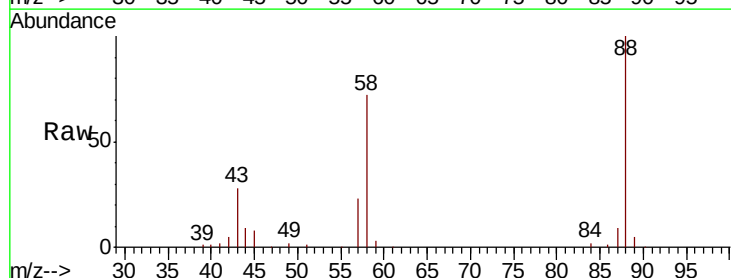
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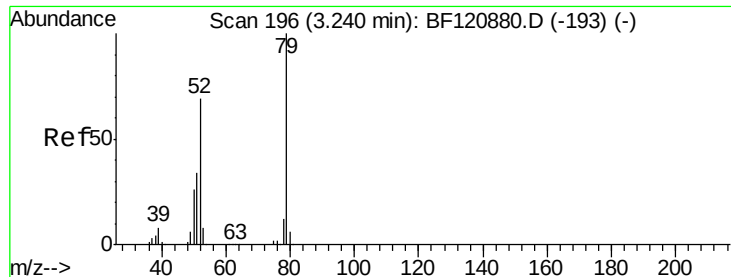


#2

1,4-Dioxane
Concen: 34.553 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.2	87.2
43	26.8	22.1	33.1





#3

Pvridine

Concen: 28.603 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.09 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

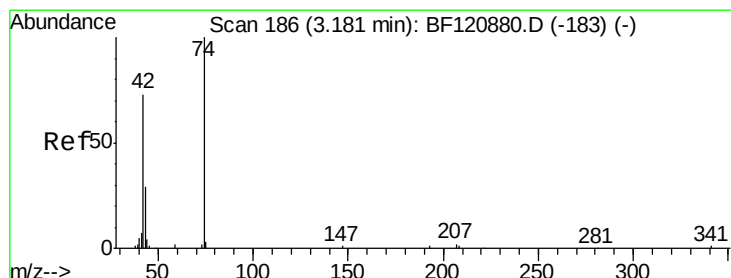
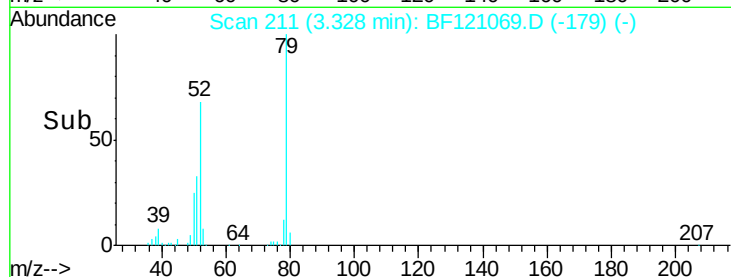
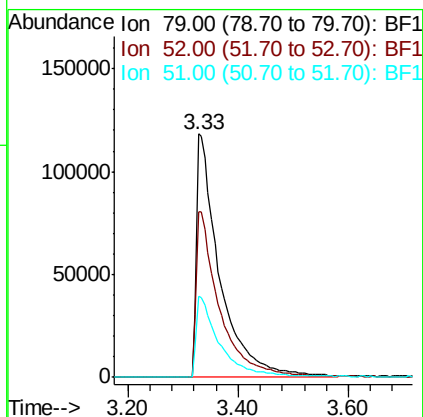
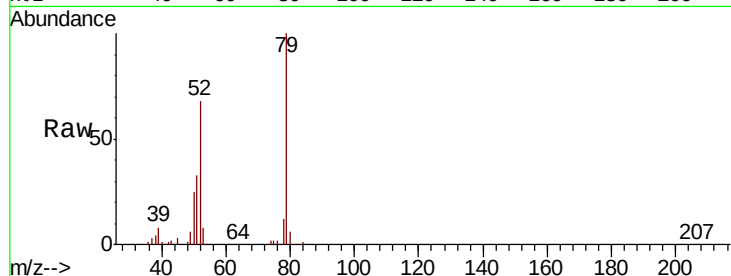
ClientSampleId :

SP-1MSD

Tot Ion:	79	Resp:	345173
Ion	Ratio	Lower	Upper
79	100		
52	68.2	55.0	82.6
51	33.3	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 34.686 ng

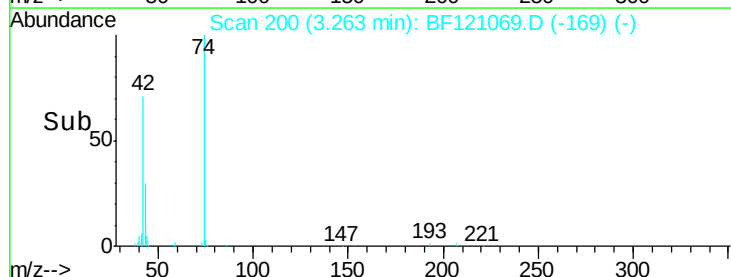
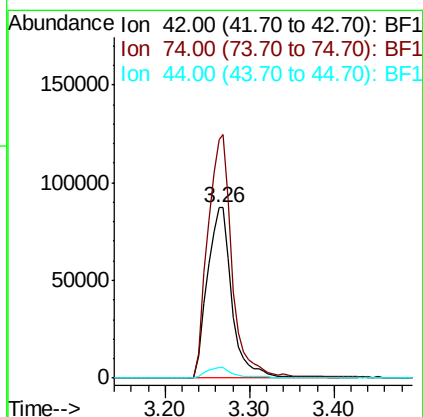
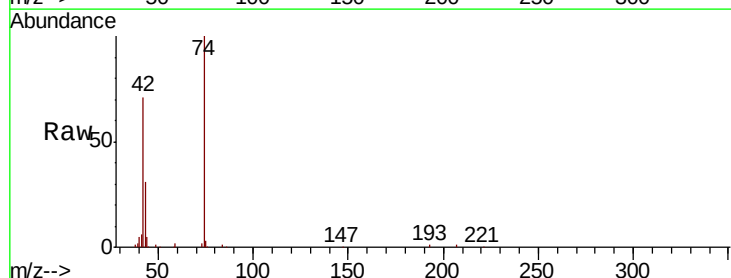
RT: 3.26 min Scan# 200

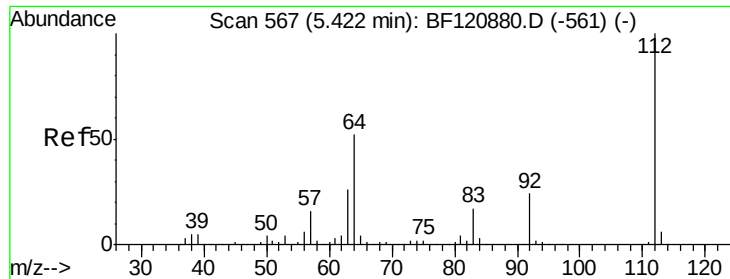
Delta R.T. 0.08 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Tgt Ion:	42	Resp:	178992
Ion	Ratio	Lower	Upper
42	100		
74	139.9	108.7	163.1
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 108.374 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

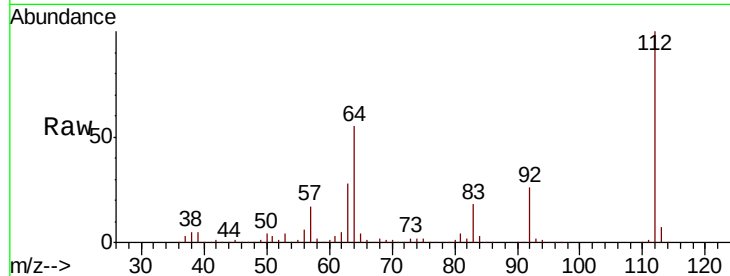
ClientSampled :

SP-1MSD

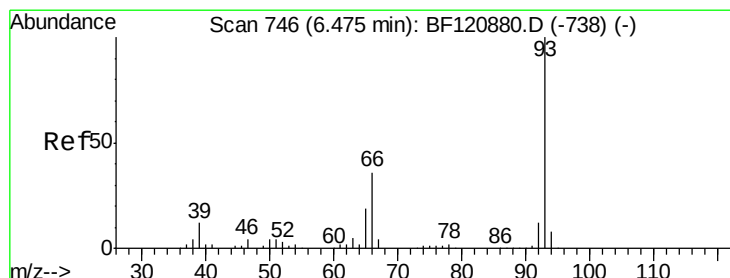
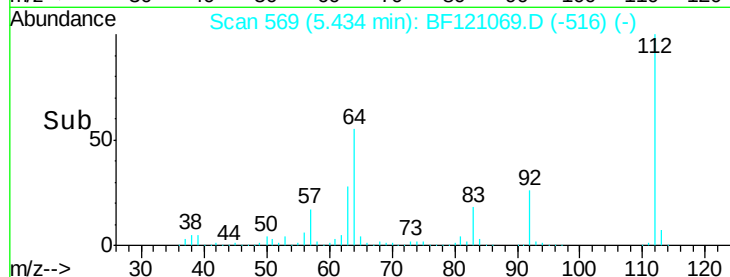
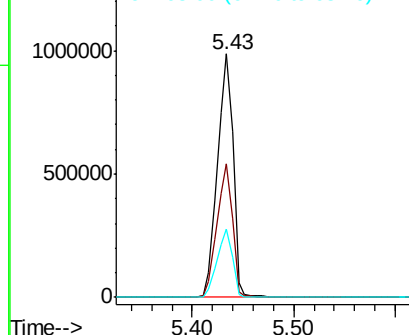
Tot Ion:	112	Resp:	1068232
Ion Ratio	Lower	Upper	
112	100		
64	55.1	41.3	61.9
63	28.3	21.1	31.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.772 ng

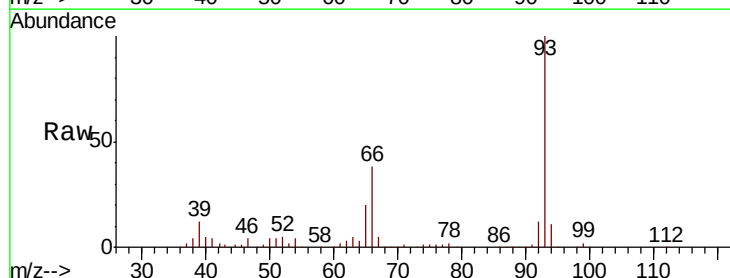
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

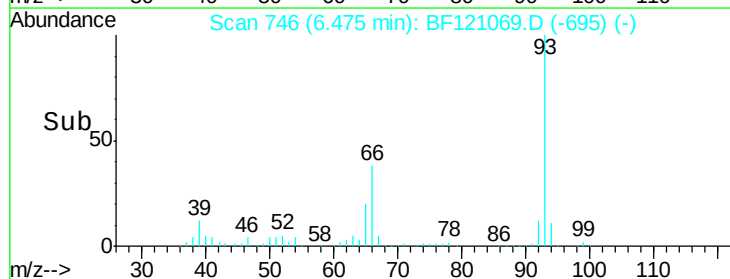
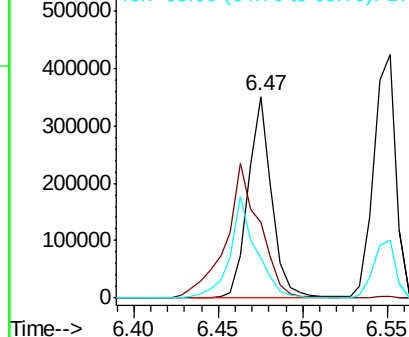
Lab File: BF121069.D

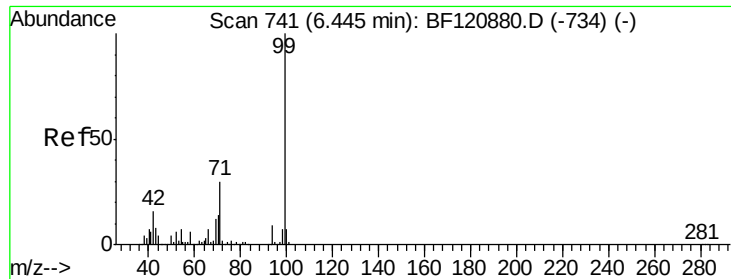
Acq: 28 Jul 2020 14:53

Tgt Ion:	93	Resp:	345246
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.2	45.4
65	19.6	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.273 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

ClientSampled :

SP-1MSD

Tot Ion: 99 Resp: 1340396

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

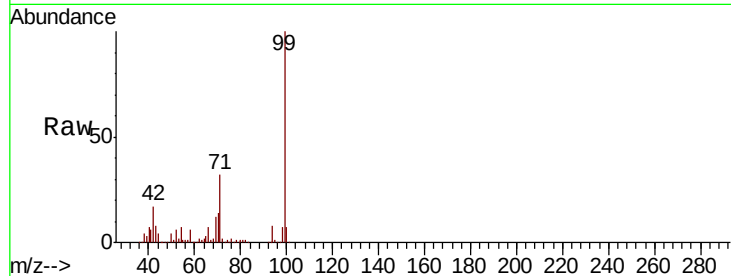
71 32.0 24.2 36.4

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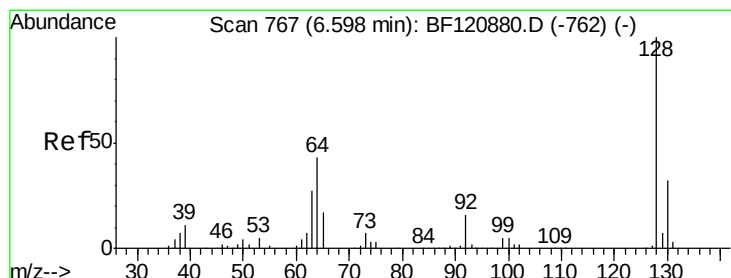
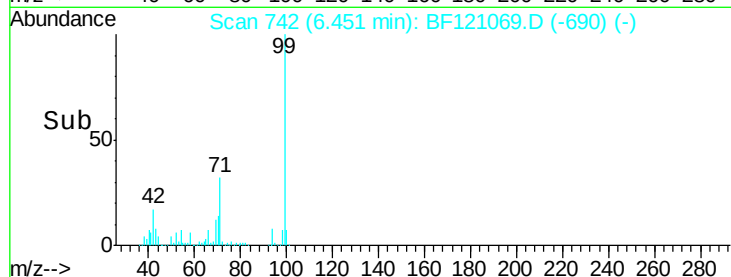
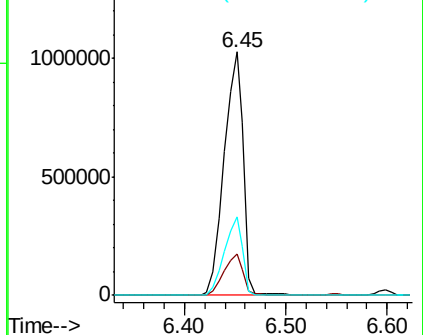
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.870 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

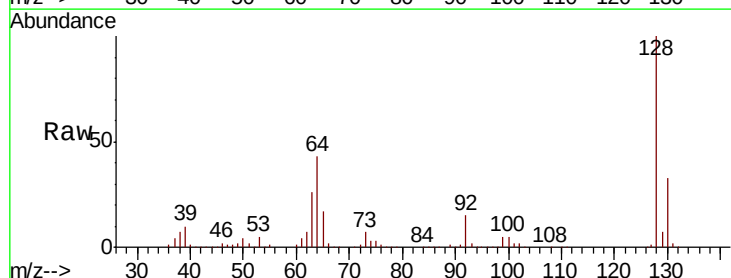
Tgt Ion: 128 Resp: 411222

Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

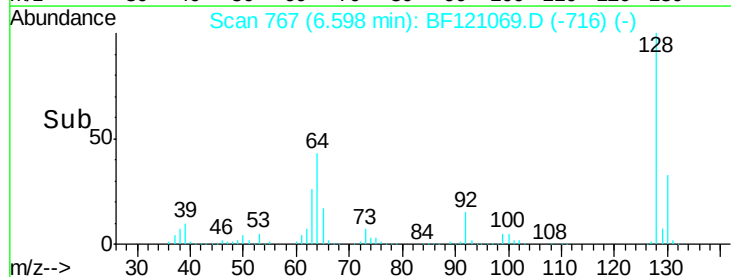
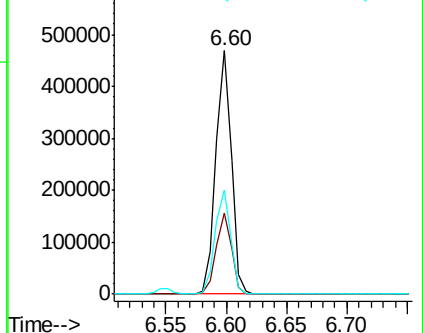
64 42.6 24.0 64.0

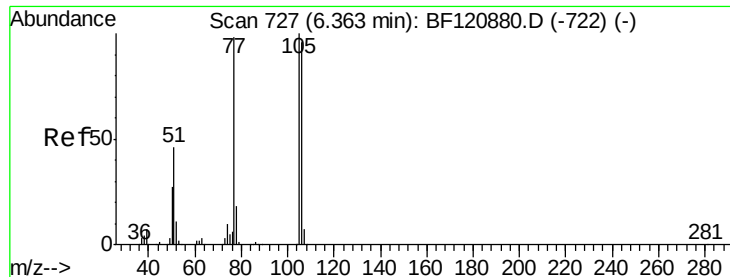


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 46.310 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

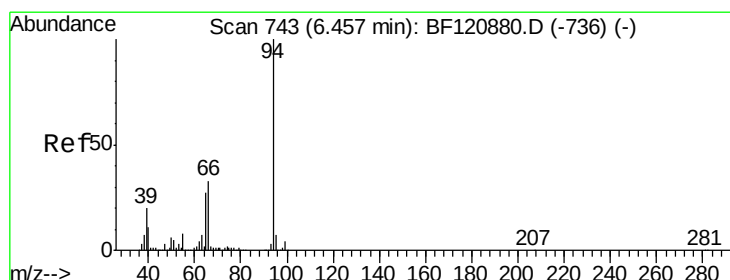
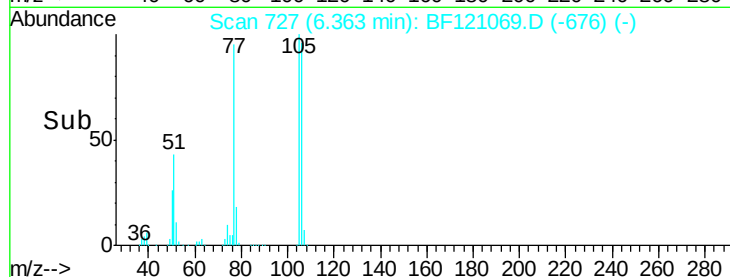
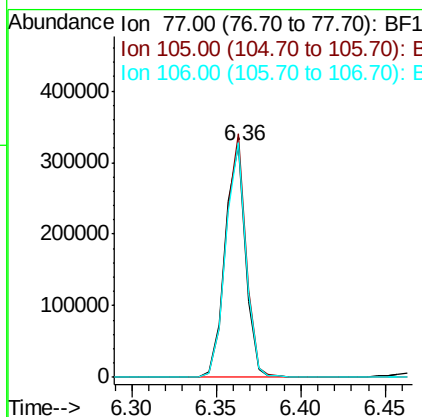
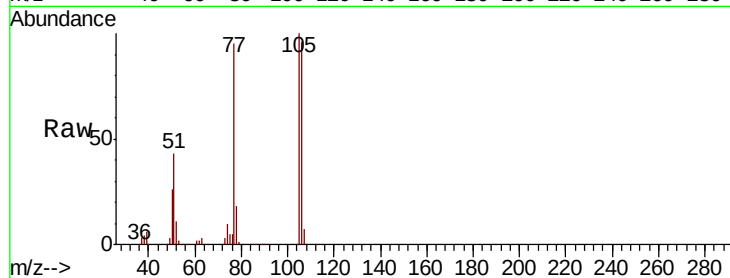
ClientSampleId :

SP-1MSD

Tot Ion:	77	Resp:	274072
Ion	Ratio	Lower	Upper
77	100		
105	104.9	82.5	122.5
106	101.0	78.7	118.7

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#10

Phenol

Concen: 33.588 ng

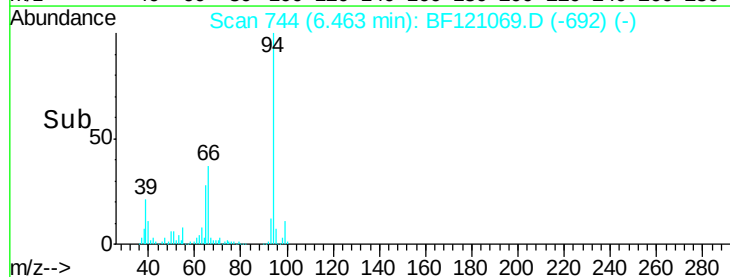
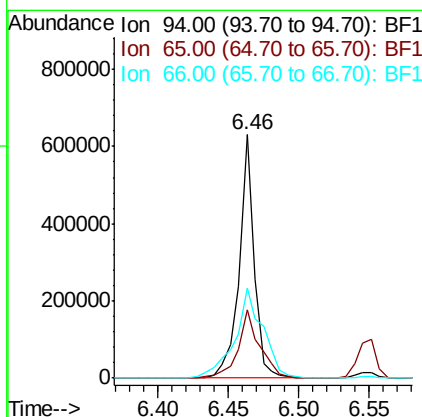
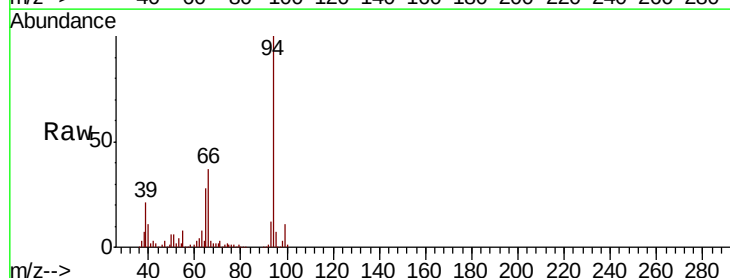
RT: 6.46 min Scan# 744

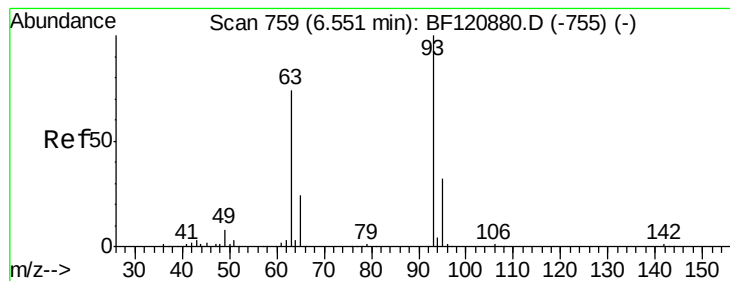
Delta R.T. 0.01 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Tgt Ion:	94	Resp:	470447
Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.6	46.6
66	37.1	13.2	53.2





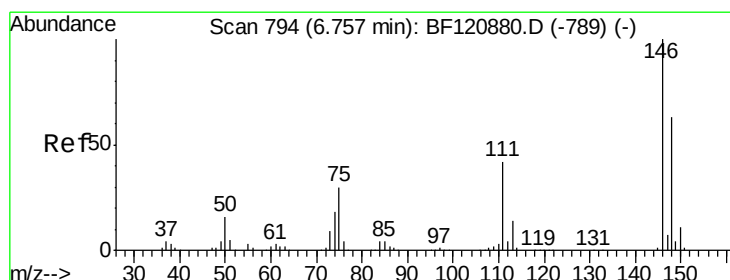
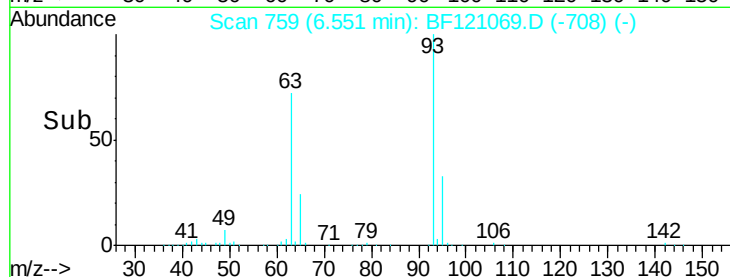
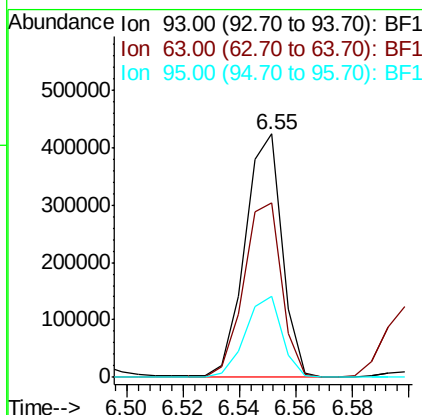
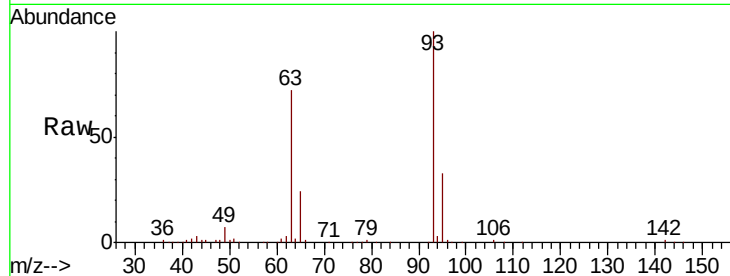
#11
bis(2-Chloroethyl)ether
Concen: 35.859 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	54.2	94.2
95	33.1	12.2	52.2

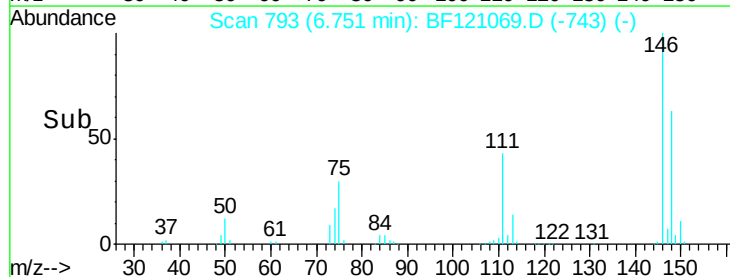
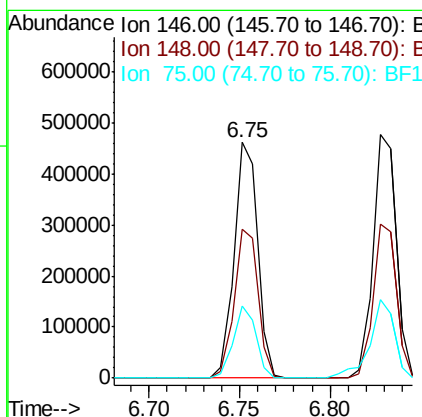
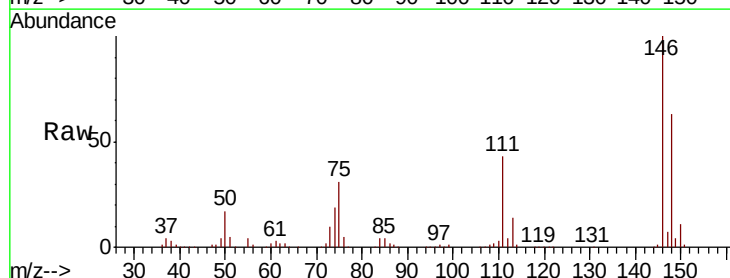
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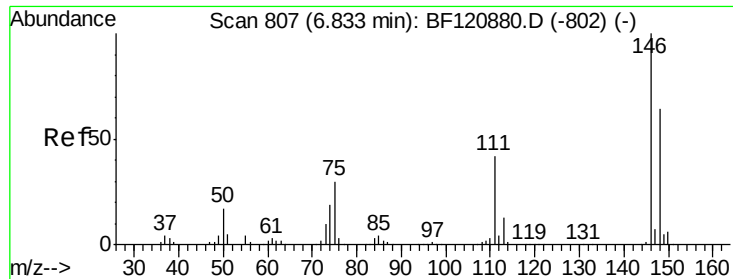
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.308 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
75	30.6	24.1	36.1





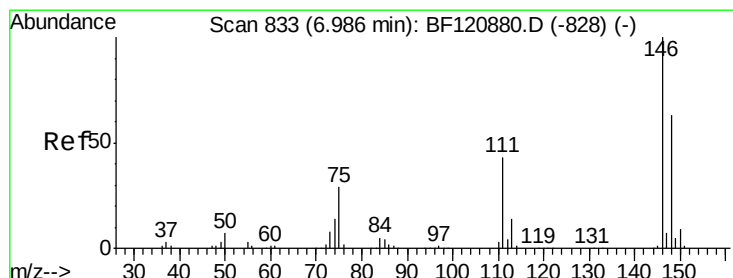
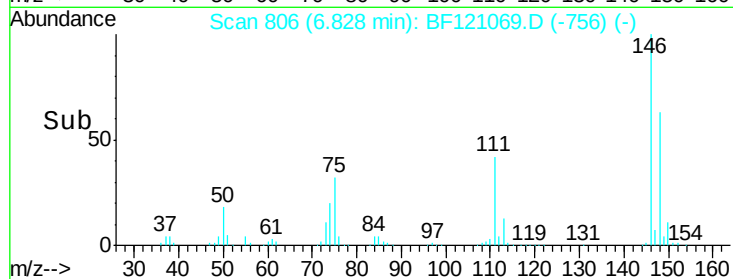
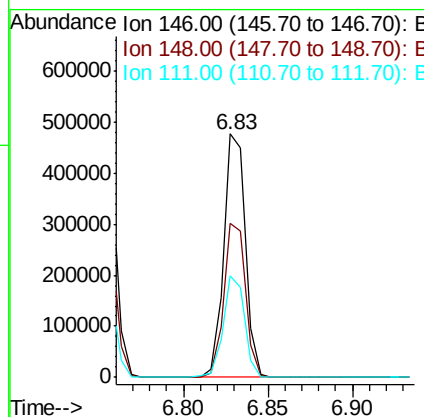
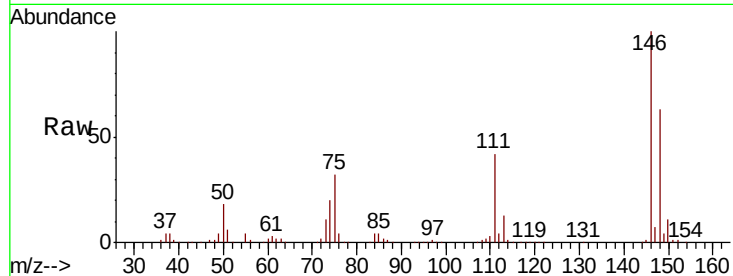
#13
1,4-Dichlorobenzene
Concen: 36.209 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
423942	146	100			
	148	63.0		51.6	77.4
	111	41.5		33.5	50.3

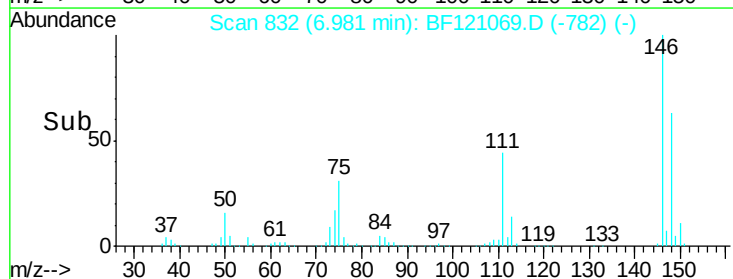
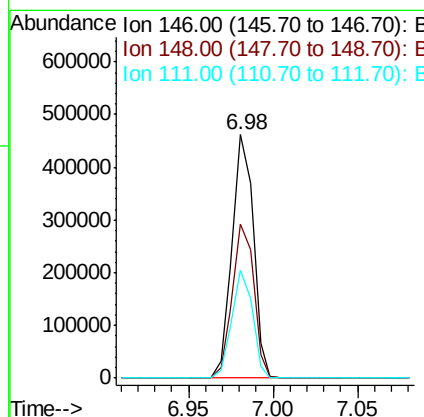
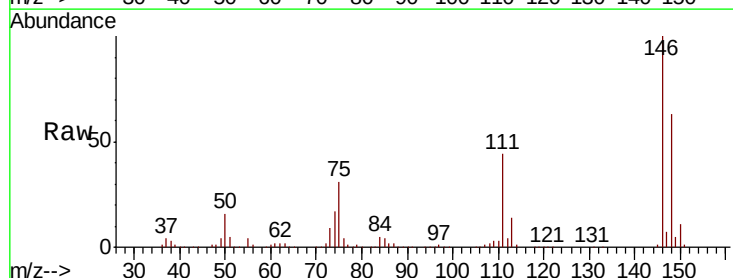
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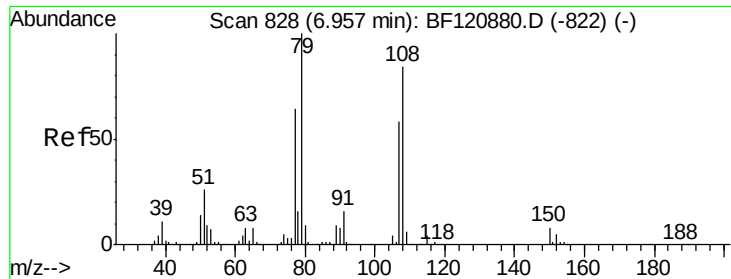
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#14
1,2-Dichlorobenzene
Concen: 36.476 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
404027	146	100			
	148	63.4		50.6	76.0
	111	44.2		34.2	51.2





#15

Benzyl Alcohol

Concen: 35.650 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

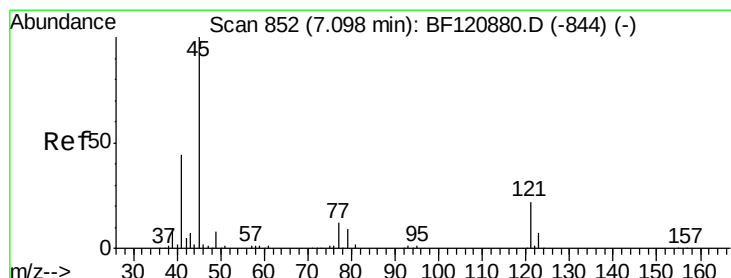
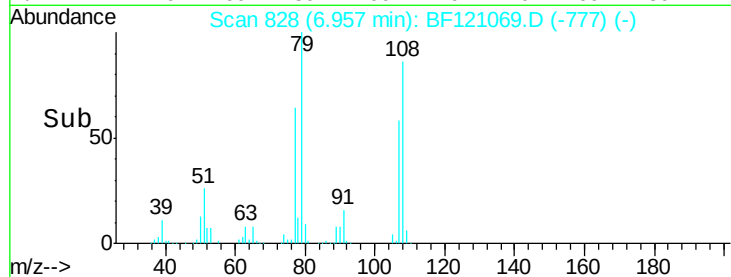
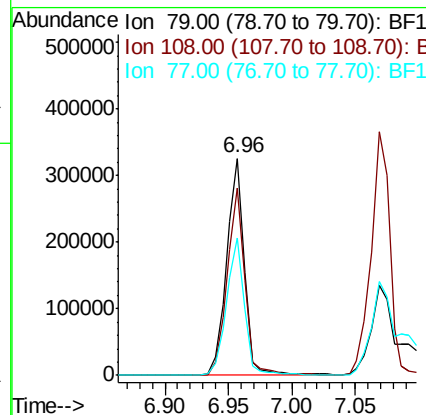
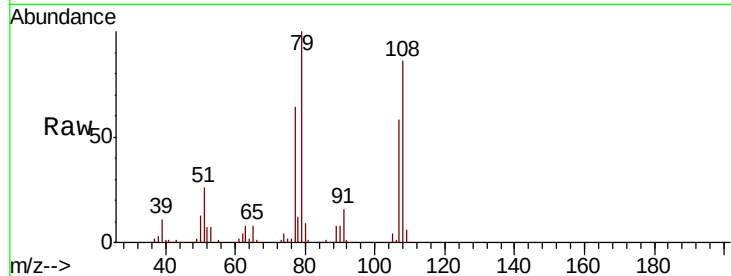
ClientSampleId :

SP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	86.1	67.0	100.6	
77	63.6	51.0	76.4	

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.672 ng

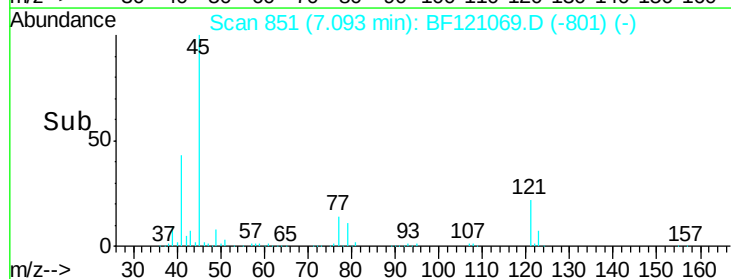
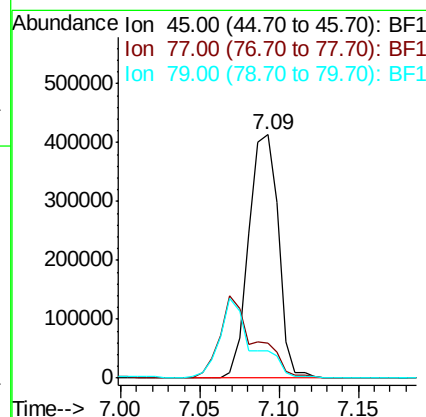
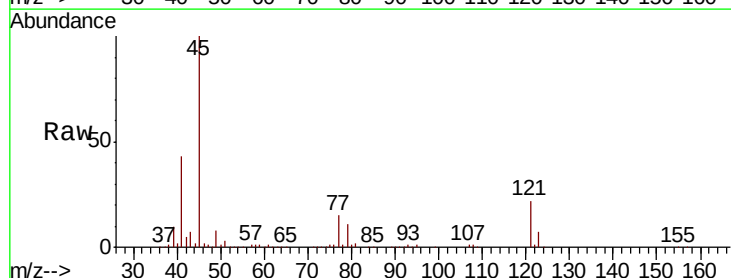
RT: 7.09 min Scan# 851

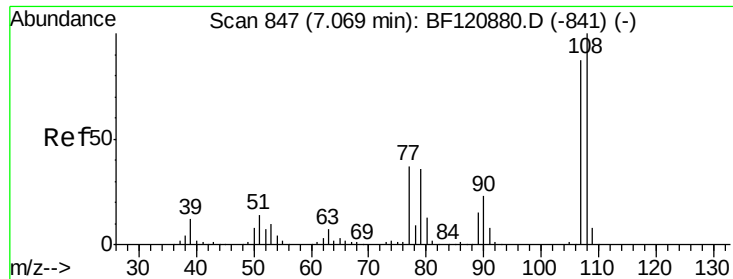
Delta R.T. -0.01 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	14.5	0.0	34.3	
79	11.4	0.0	31.0	





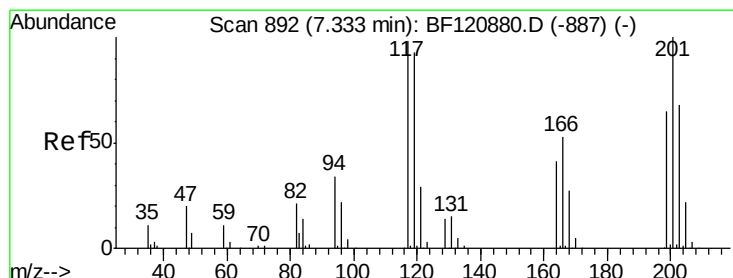
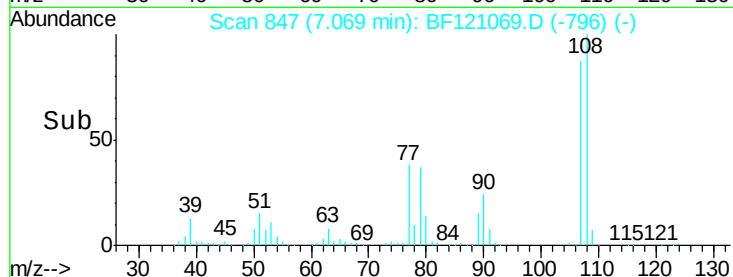
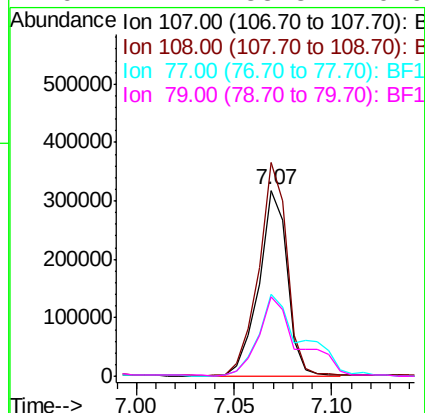
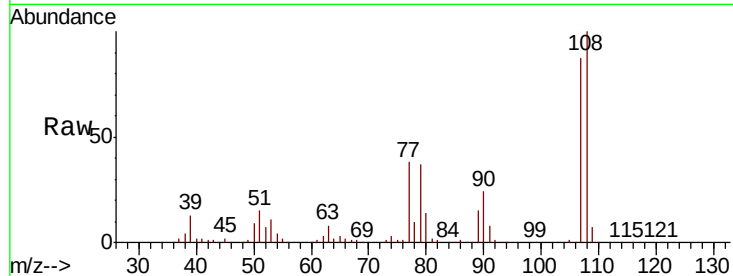
#17
2-Methylphenol
Concen: 33.391 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:	107	Resp:	321369
Ion Ratio	Lower	Upper	
107	100		
108	114.8	92.0	138.0
77	44.0	34.0	51.0
79	42.4	33.3	49.9

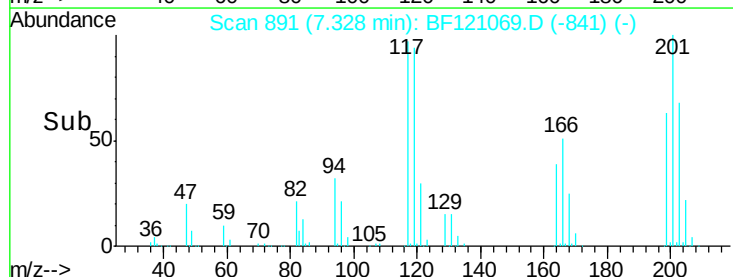
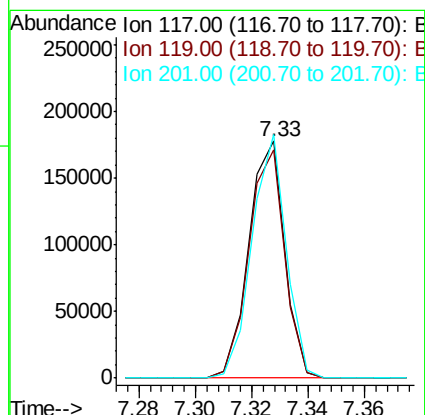
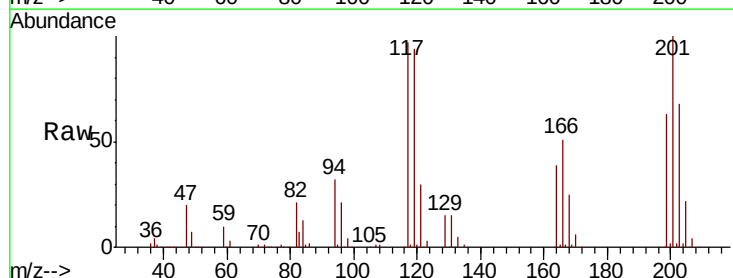
Manual Integrations
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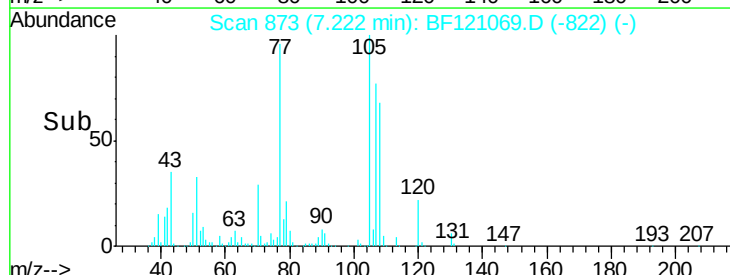
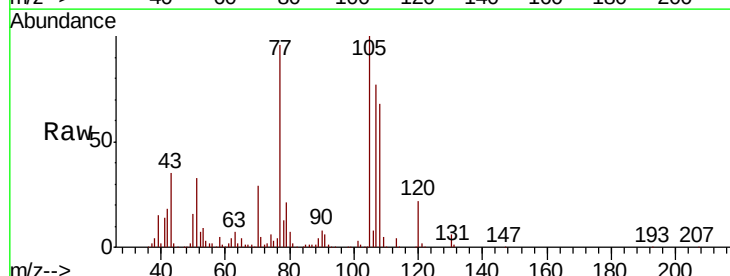
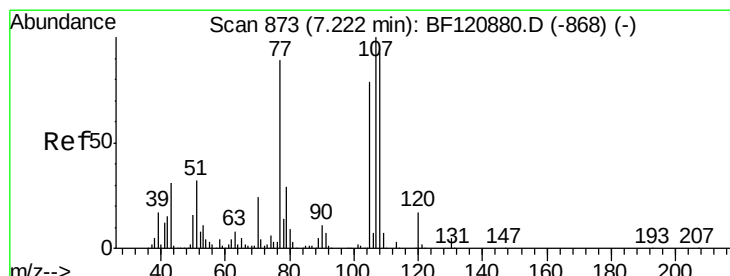
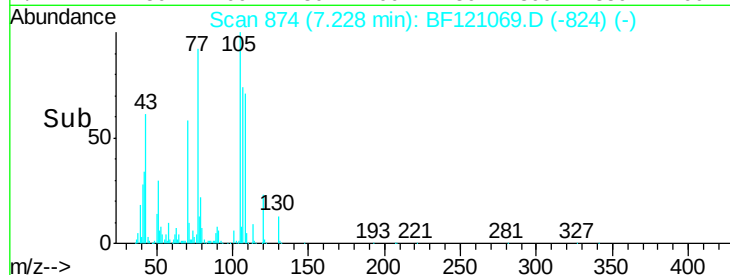
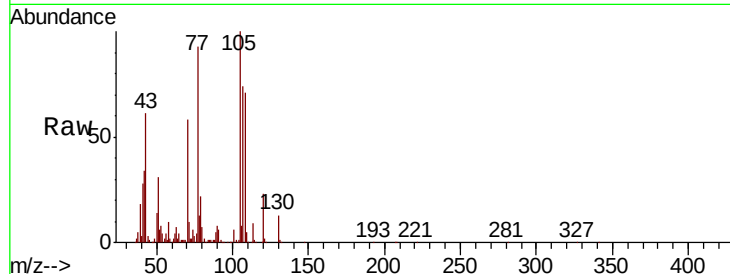
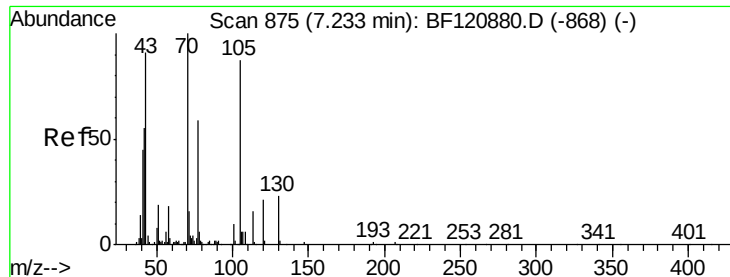
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#18
Hexachloroethane
Concen: 36.779 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion:	117	Resp:	155859
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.0	114.0
201	102.8	81.7	122.5





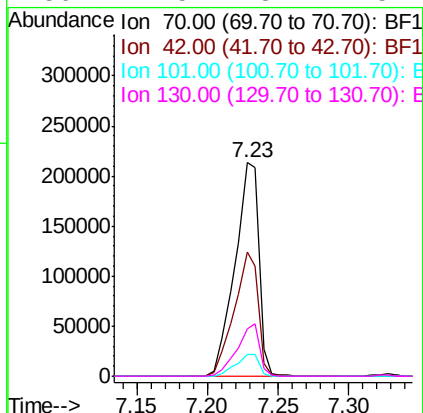
#19
n-Nitroso-di-n-propylamine
Concen: 34.870 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	44.0	66.0	
101	10.2	7.8	11.6	
130	22.5	18.7	28.1	

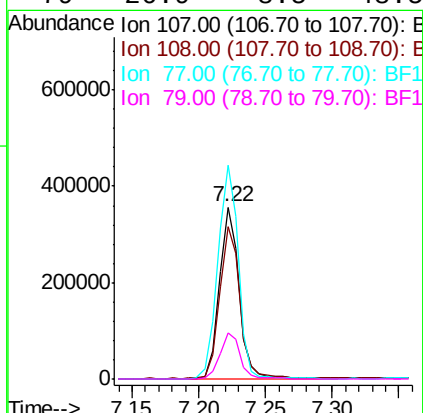
Manual Integrations
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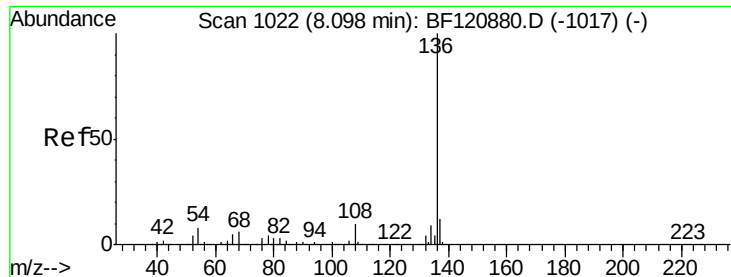
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#20
3+4-Methylphenols
Concen: 30.348 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	72.8	112.8	
77	124.3	68.7	108.7#	
79	26.9	8.5	48.5	





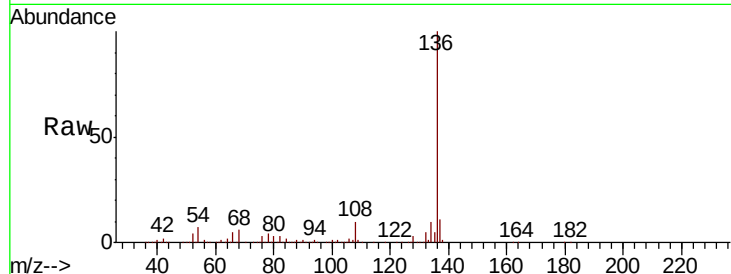
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		635303		
137	11.1		9.3	13.9	
54	7.0		6.3	9.5	
68	5.6		5.0	7.4	

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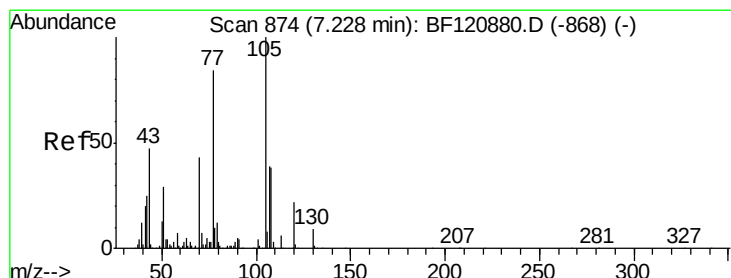
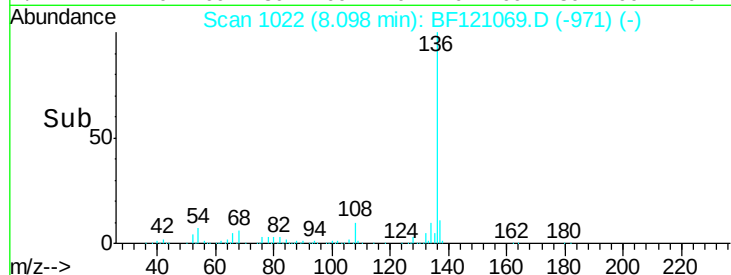
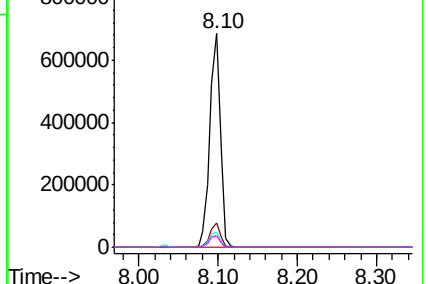
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 35.716 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		509248		
71	4.9		5.7	8.5#	
51	33.0		22.9	34.3	
120	22.4		18.0	27.0	

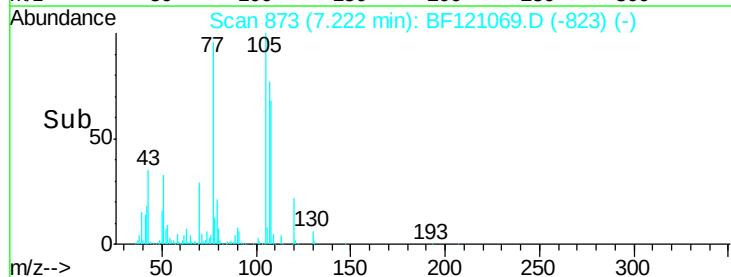
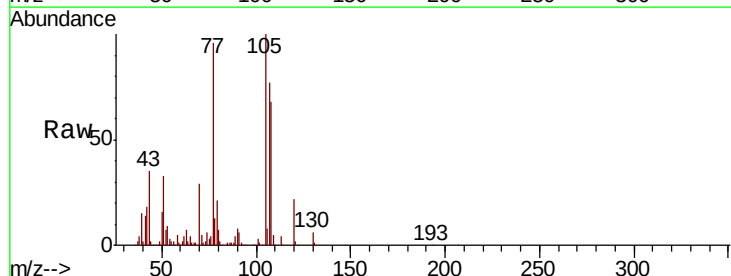
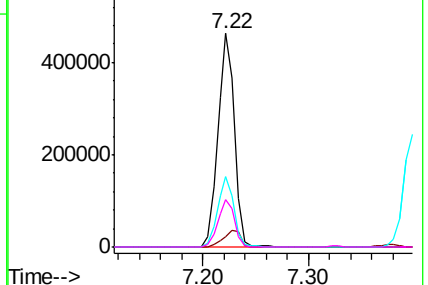
Abundance

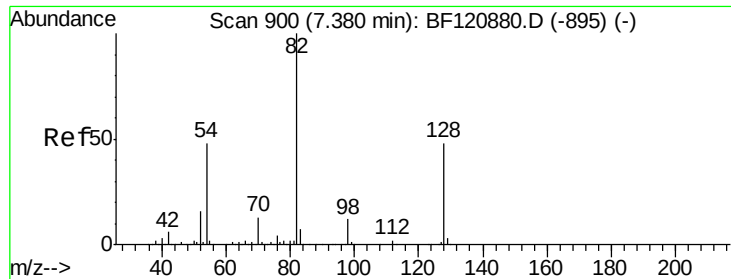
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





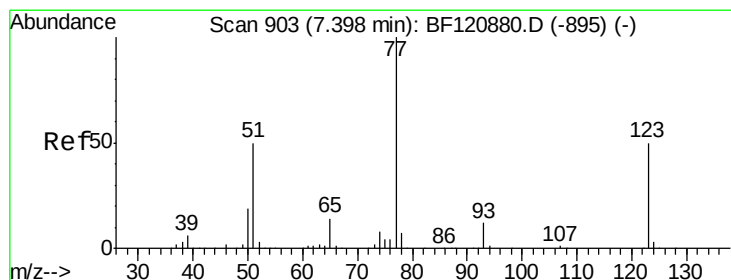
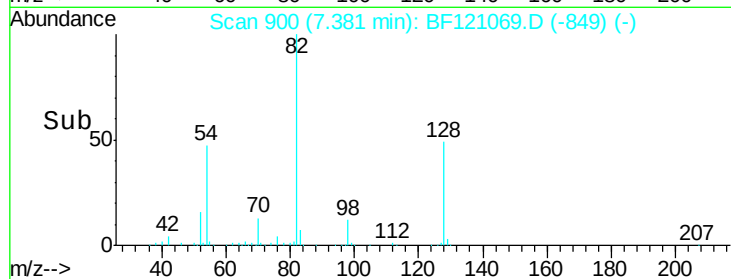
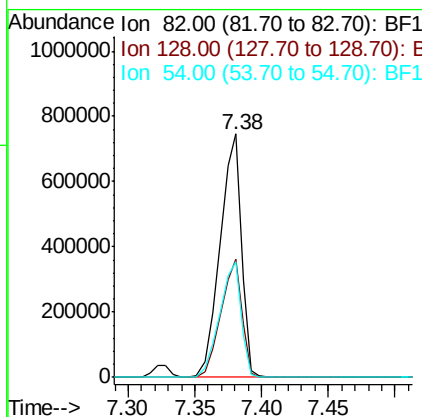
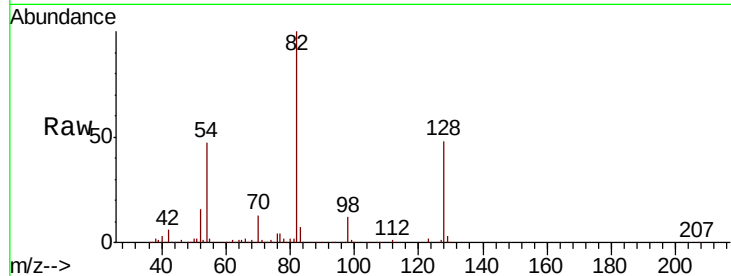
#23
Nitrobenzene-d5
Concen: 77.287 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	38.2	57.4	
54	47.4	38.7	58.1	

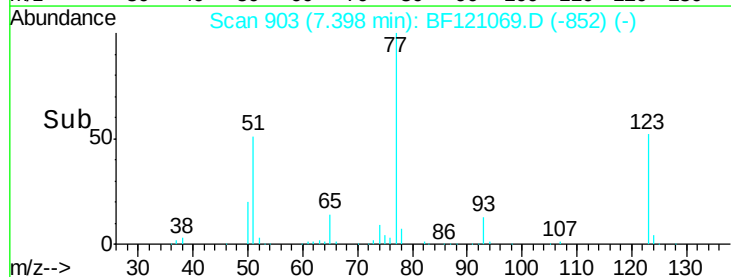
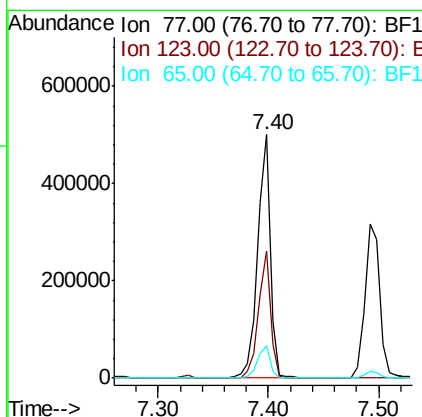
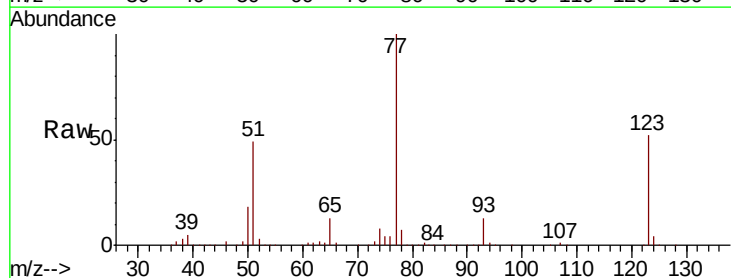
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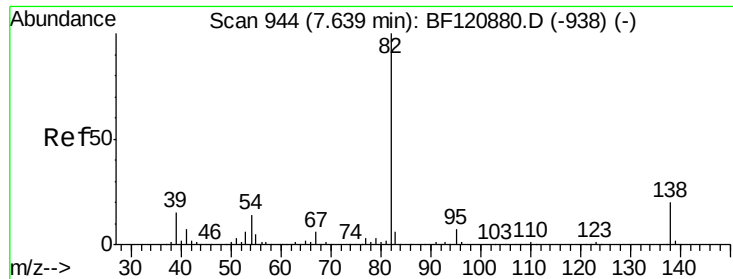
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#24
Nitrobenzene
Concen: 34.442 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.2	40.1	60.1	
65	13.2	10.8	16.2	





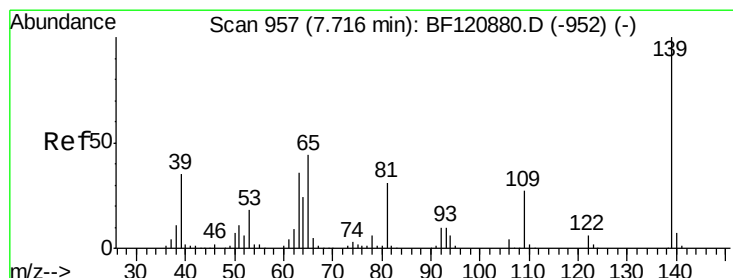
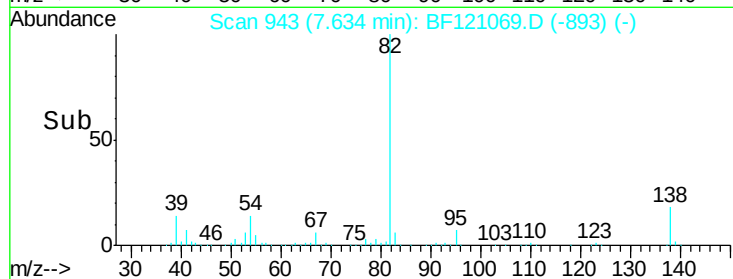
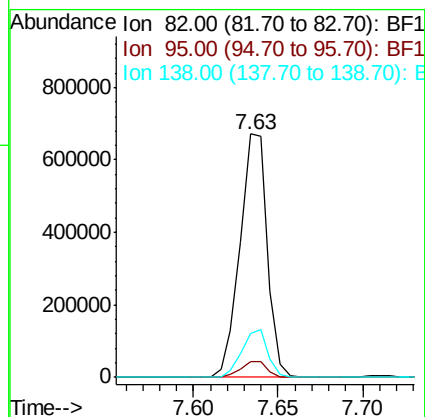
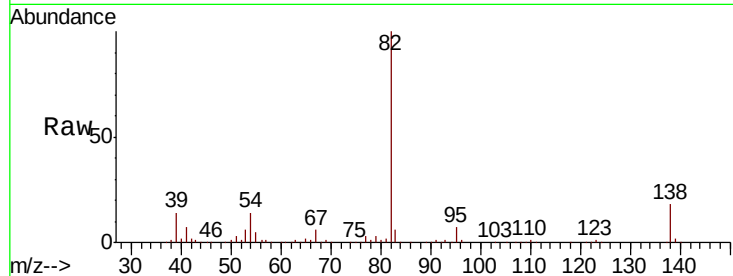
#25
Isophorone
Concen: 34.573 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	757574		
95	6.7		5.5	8.3
138	18.1		15.6	23.4

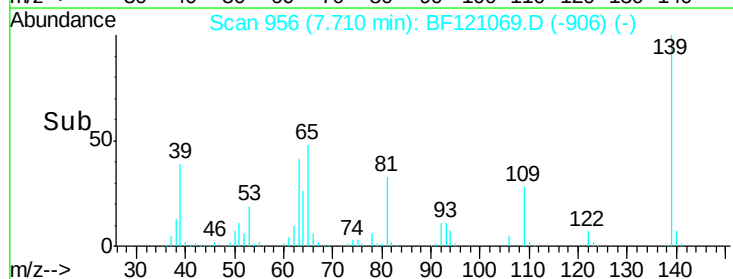
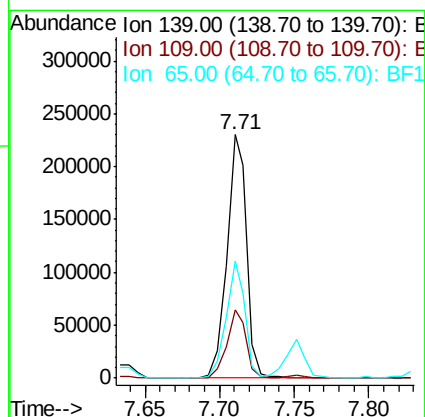
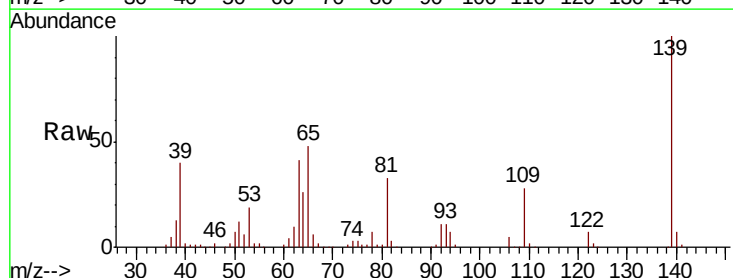
Manual Integrations
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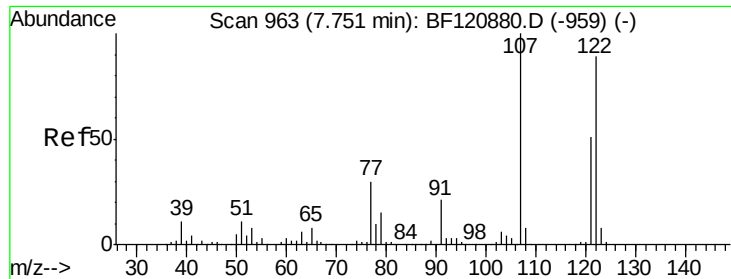
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#26
2-Nitrophenol
Concen: 38.228 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	214851		
109	28.1		21.6	32.4
65	48.1		35.3	52.9





#27

2,4-Dimethylphenol

Concen: 38.337 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

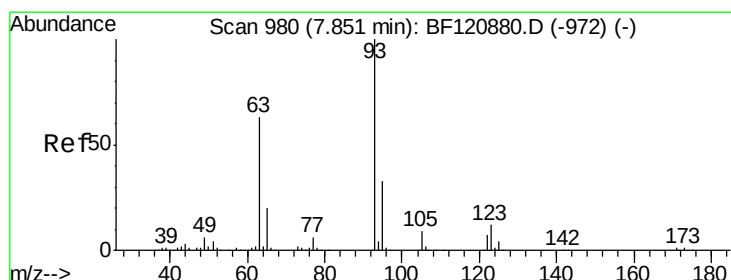
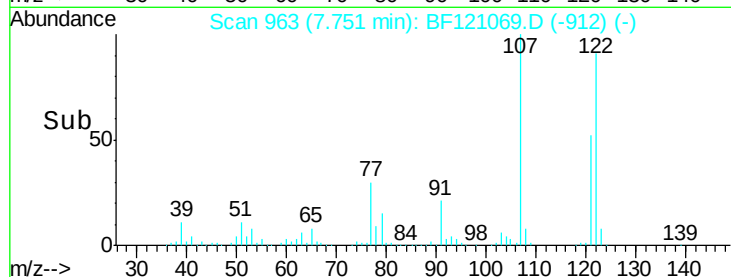
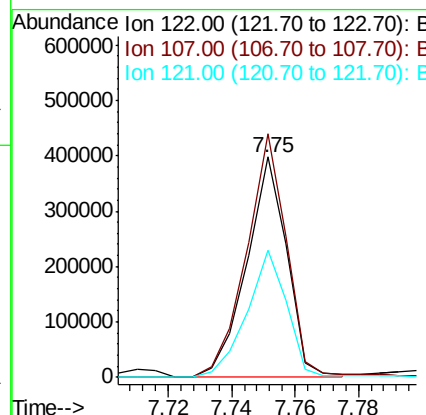
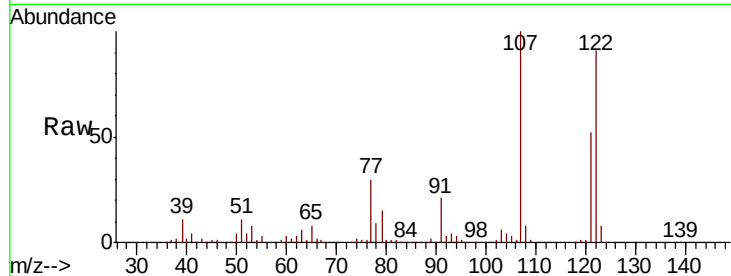
ClientSampleId :

SP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	89.4	134.0
121	57.7	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 36.219 ng

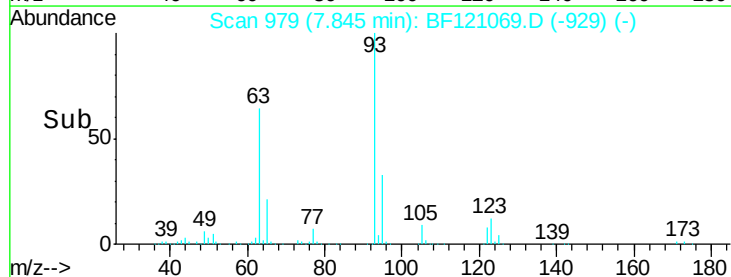
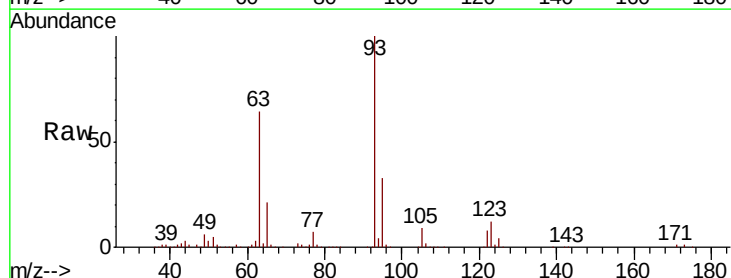
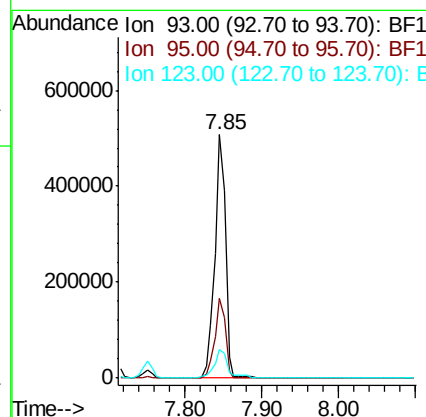
RT: 7.85 min Scan# 979

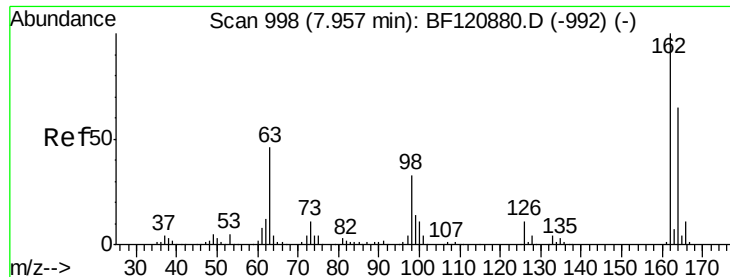
Delta R.T. -0.01 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	39.8
123	11.9	10.0	15.0





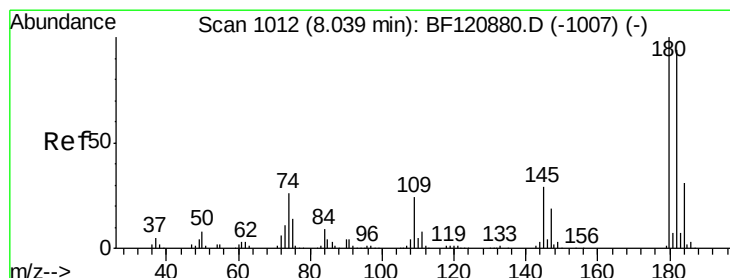
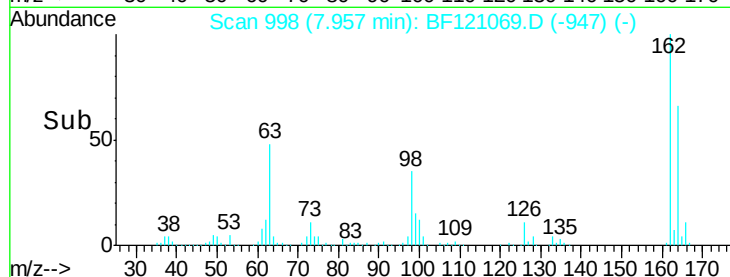
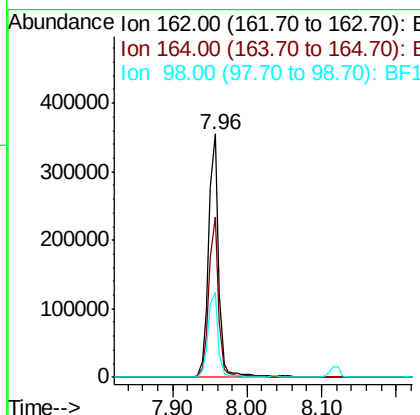
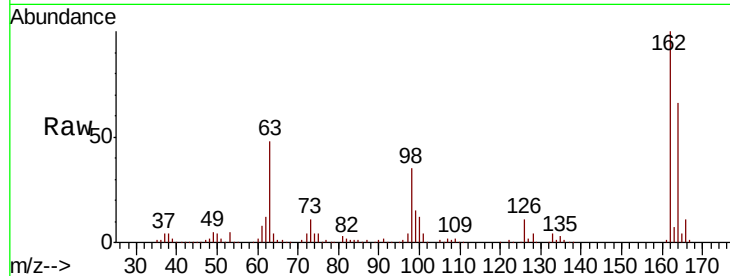
#29
2,4-Dichlorophenol
Concen: 36.438 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	339761		
164	65.8	45.3	85.3	
98	34.9	13.3	53.3	

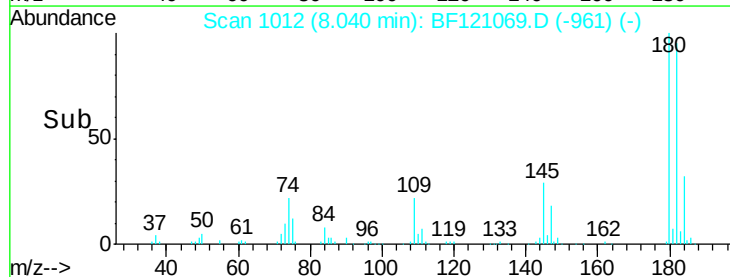
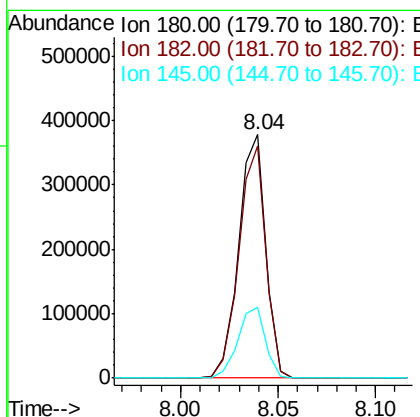
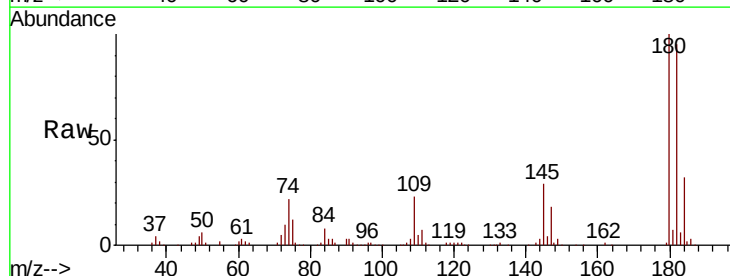
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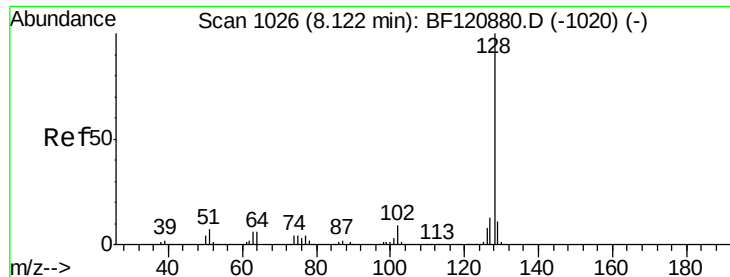
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#30
1,2,4-Trichlorobenzene
Concen: 35.047 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	362560		
182	95.1	75.0	112.6	
145	29.0	23.5	35.3	





#31

Naphthalene

Concen: 34.443 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

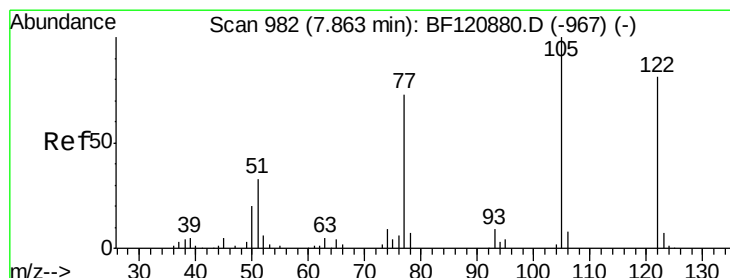
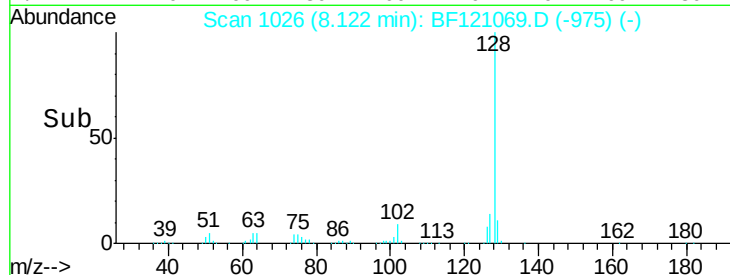
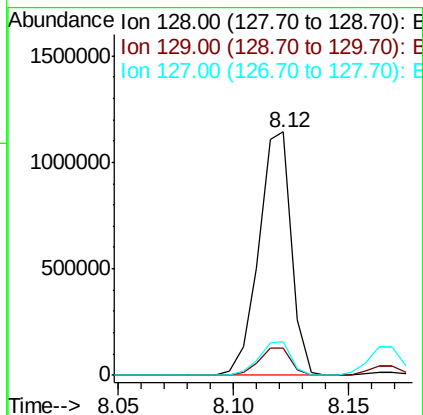
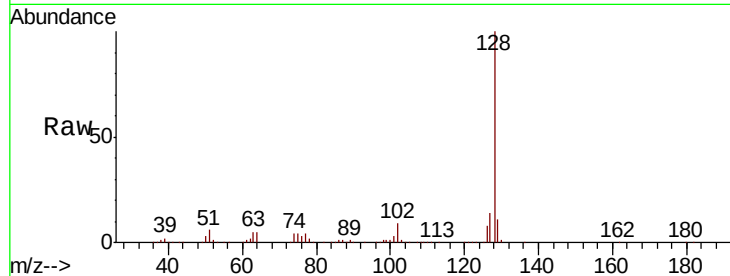
ClientSampleId :

SP-1MSD

Tot Ion:128	Resp: 1122427
Ion Ratio	Lower Upper
128 100	
129 11.3	9.1 13.7
127 13.6	10.7 16.1

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#32

Benzoic acid

Concen: 37.885 ng

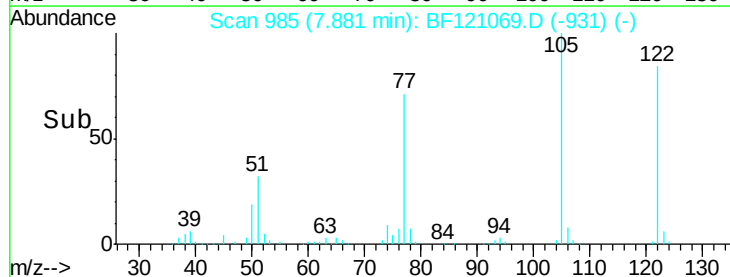
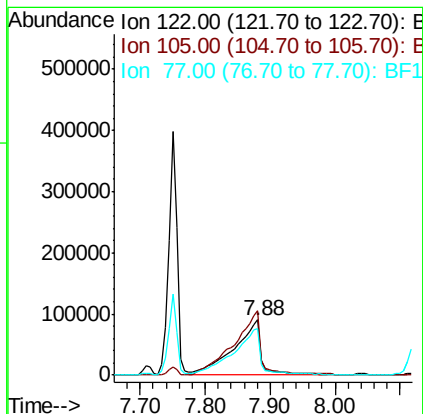
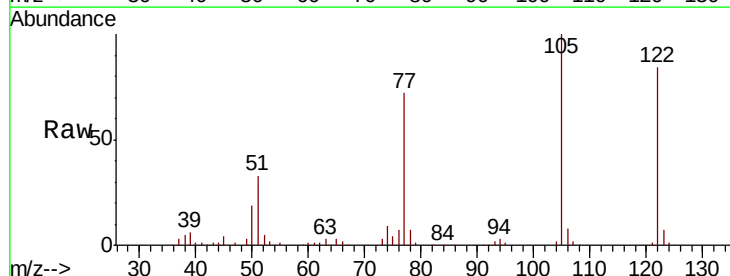
RT: 7.88 min Scan# 985

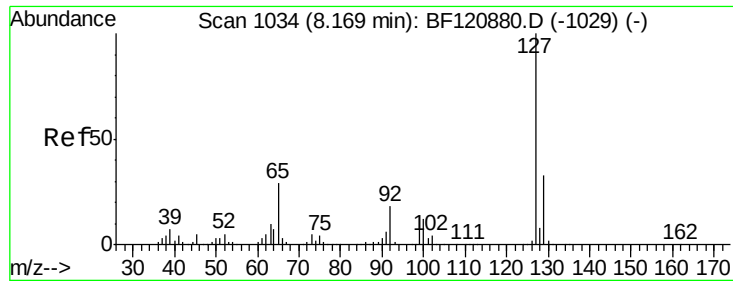
Delta R.T. 0.02 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Tgt Ion:122	Resp: 259503
Ion Ratio	Lower Upper
122 100	
105 118.4	101.3 141.3
77 85.5	69.1 109.1





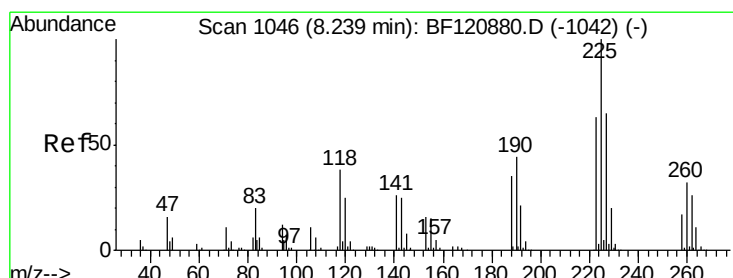
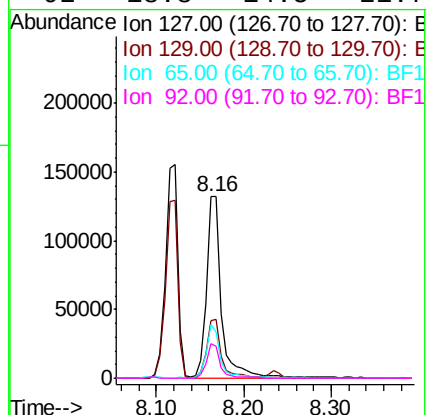
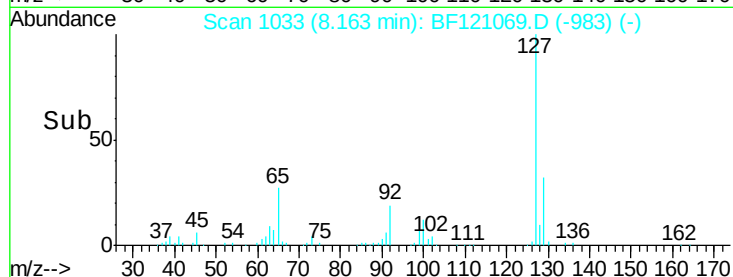
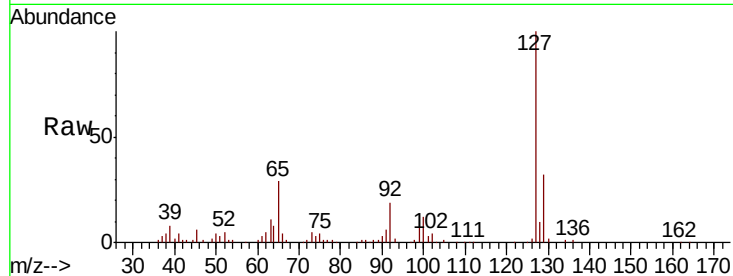
#33
4-Chloroaniline
Concen: 10.800 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		157009		
129	31.6	26.5	39.7		
65	29.3	23.0	34.4		
92	18.8	14.5	21.7		

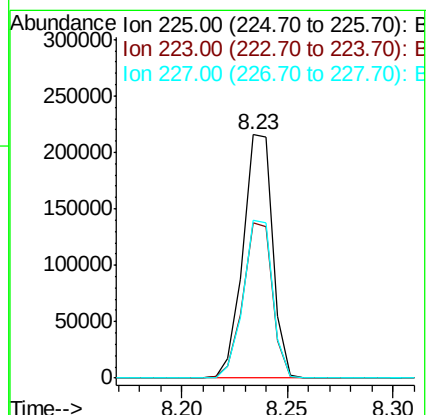
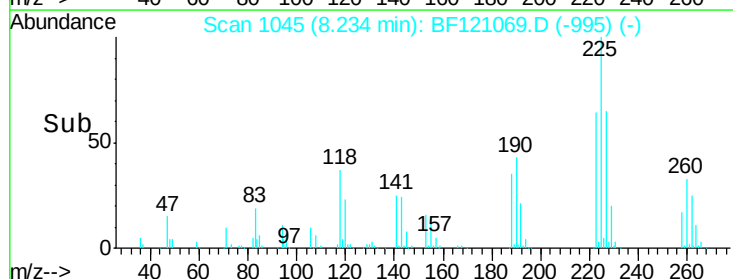
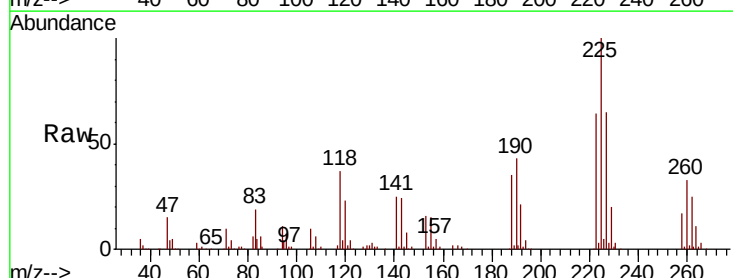
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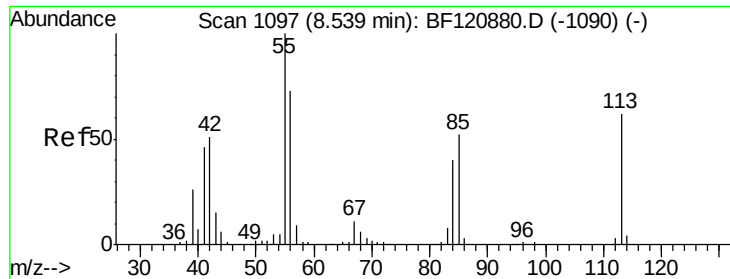
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#34
Hexachlorobutadiene
Concen: 34.325 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		209333		
223	64.0	50.6	76.0		
227	64.8	52.2	78.2		





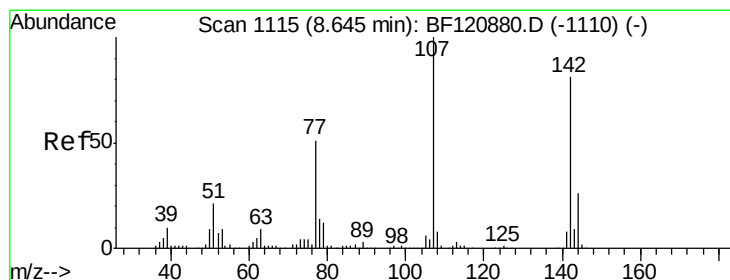
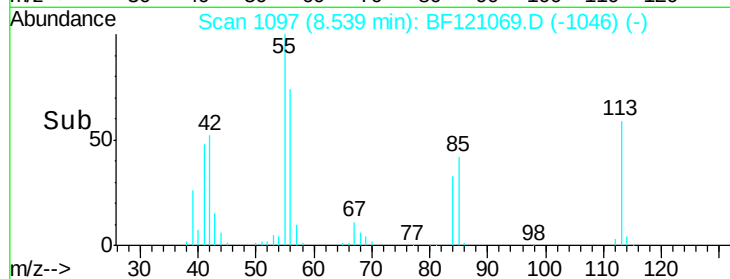
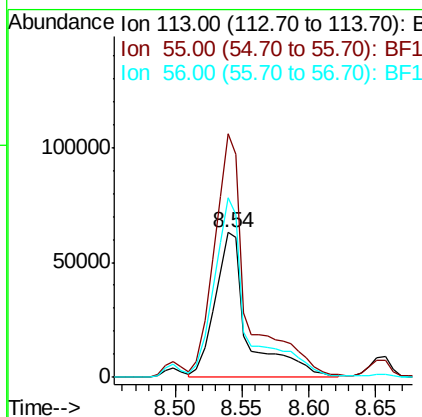
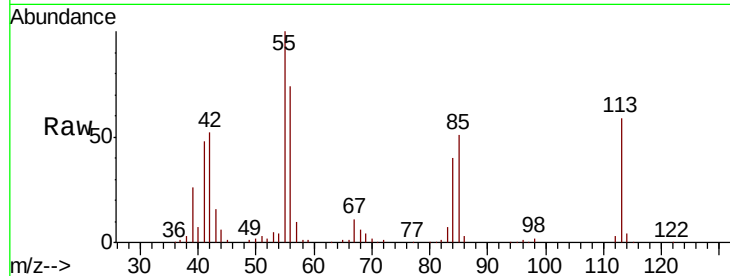
#35
 Caprolactam
 Concen: 36.776 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.5	143.3	183.3
56	124.5	99.4	139.4

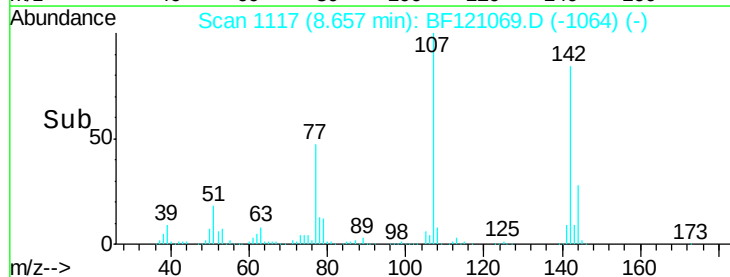
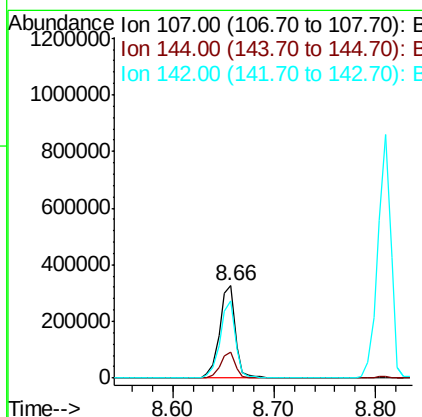
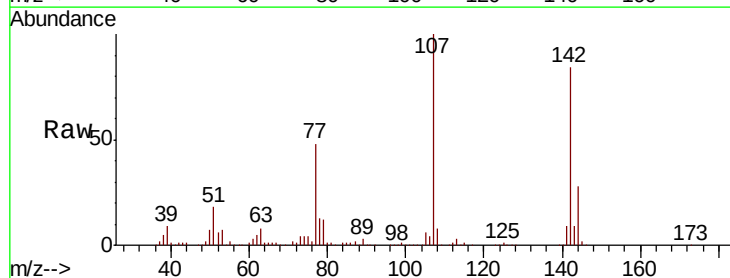
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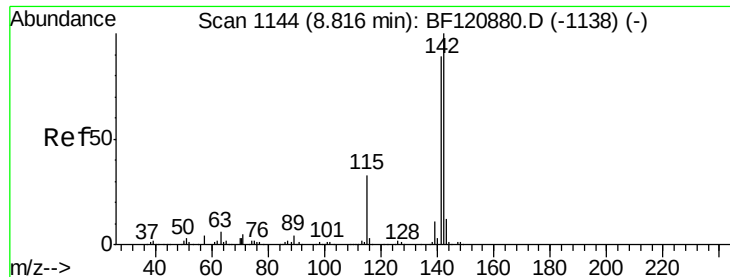
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#36
 4-Chloro-3-methylphenol
 Concen: 37.173 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.0	31.6
142	83.9	65.0	97.6





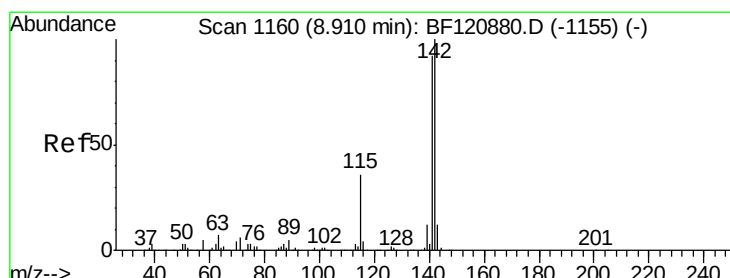
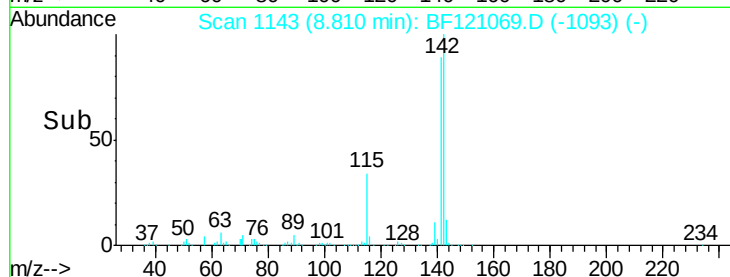
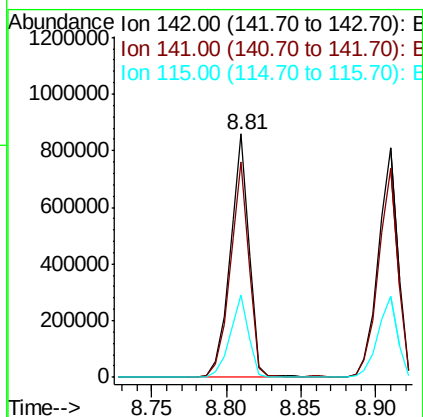
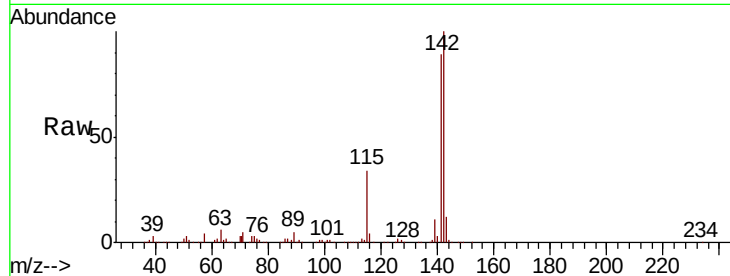
#37
2-Methylnaphthalene
Concen: 36.378 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.4
115	33.9	26.0	39.0

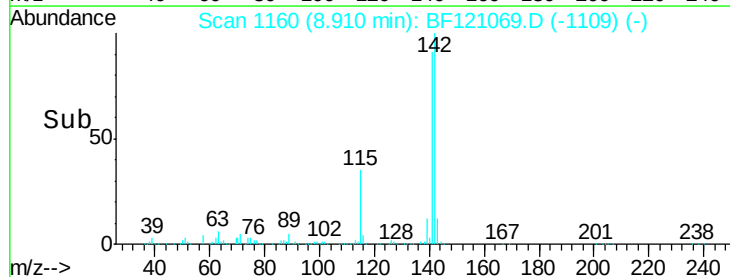
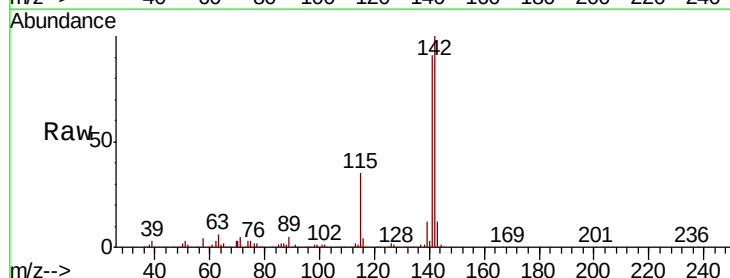
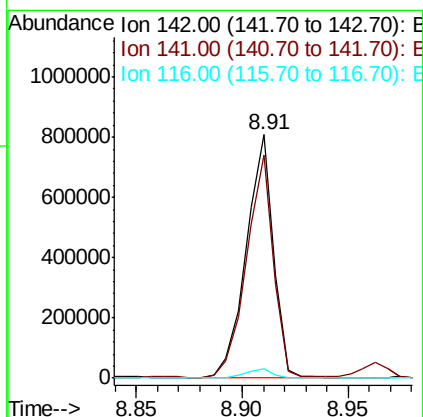
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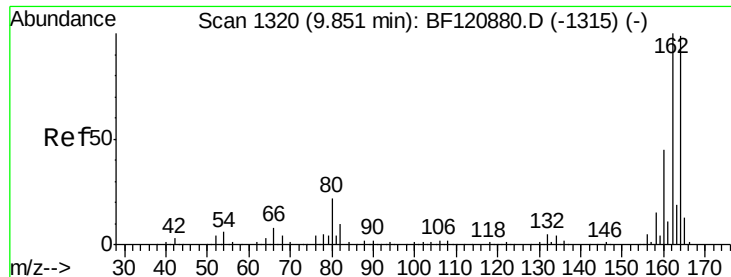
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#38
1-Methylnaphthalene
Concen: 35.864 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	3.7	3.0	4.6





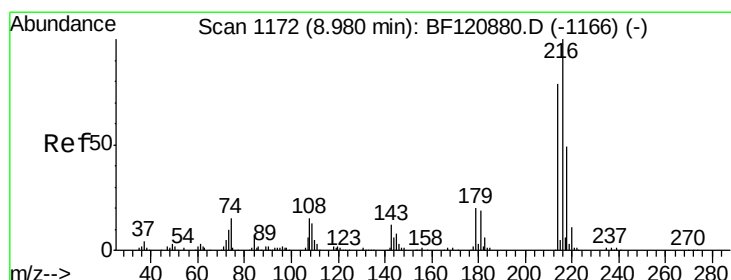
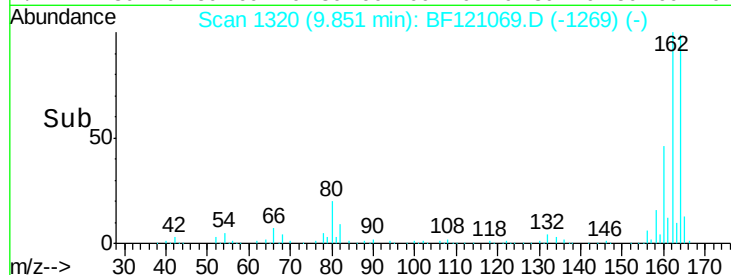
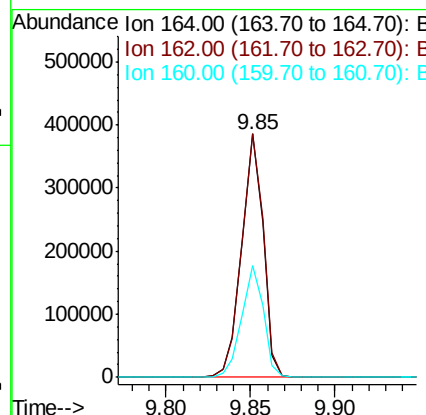
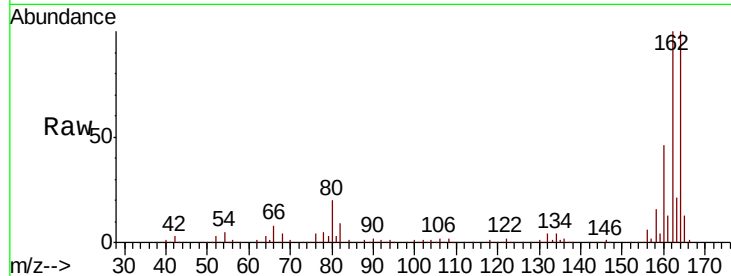
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.2	121.8
160	46.2	36.9	55.3

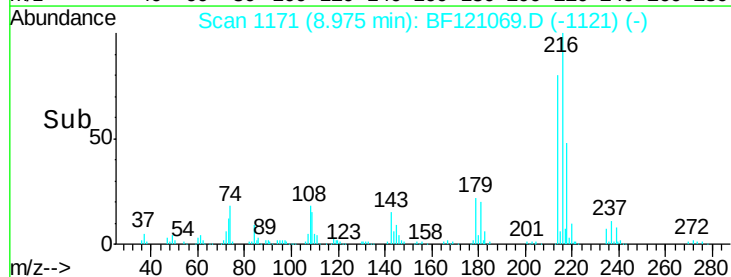
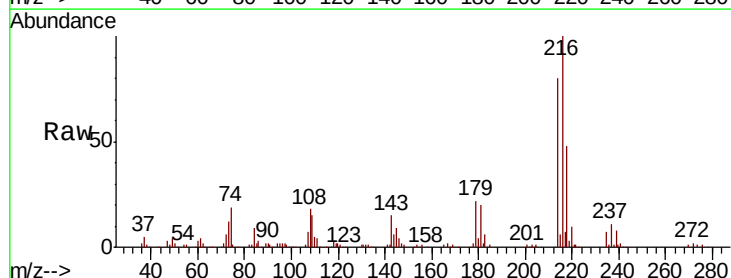
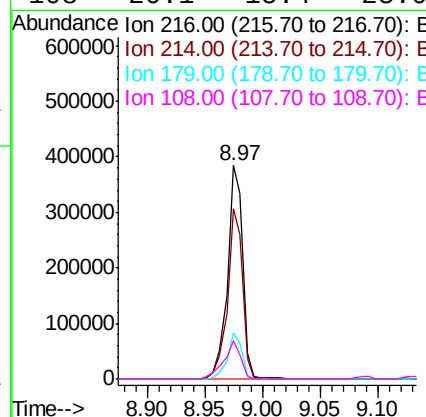
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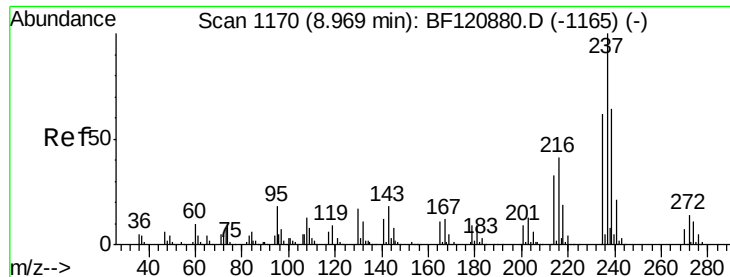
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.044 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	20.6	16.6	24.8
108	20.1	15.4	23.0





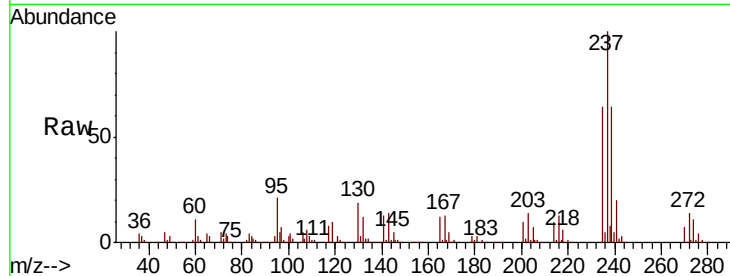
#41
Hexachlorocyclopentadiene
Concen: 67.092 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

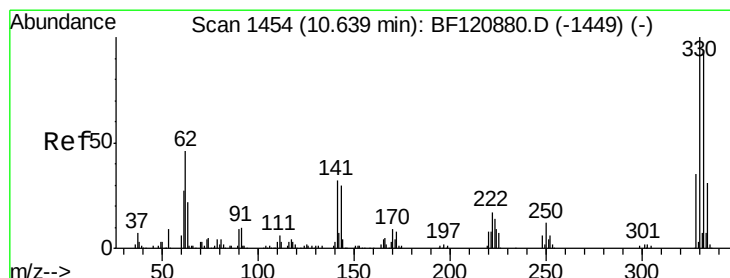
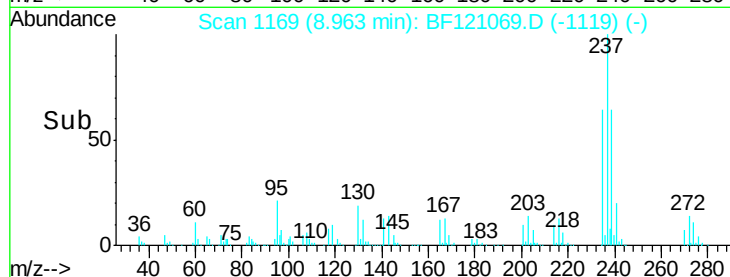
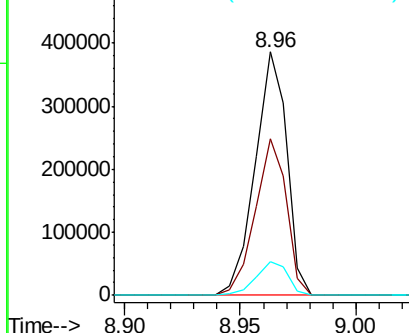
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.2	41.6	81.6	
272	13.9	0.0	33.7	

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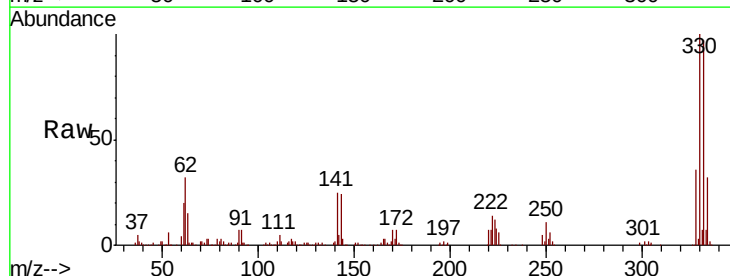


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

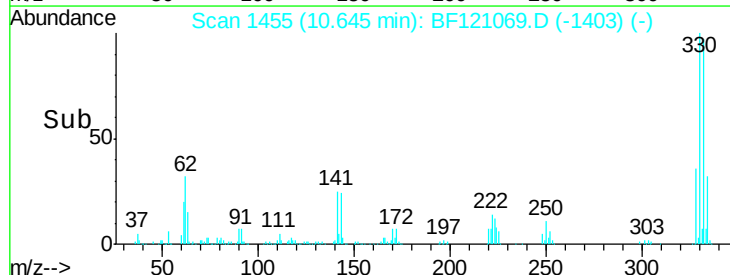
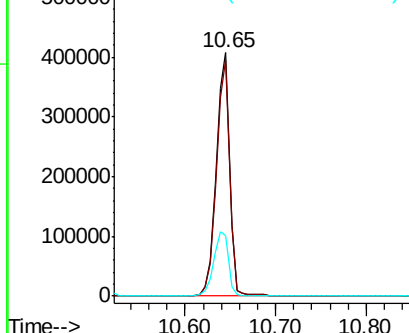


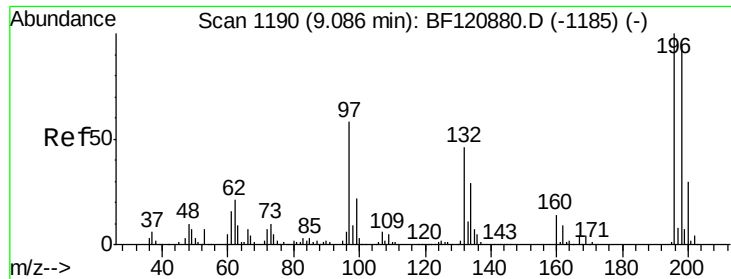
#42
2,4,6-Tribromophenol
Concen: 110.621 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	75.5	113.3	
141	29.5	25.7	38.5	



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





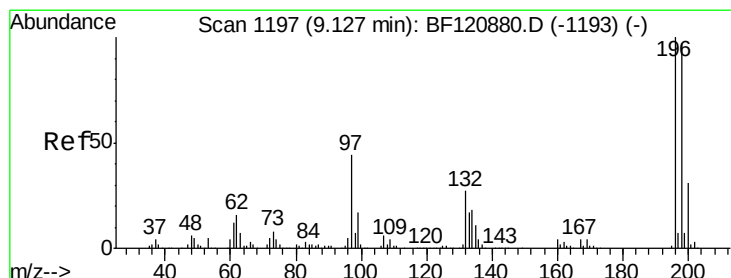
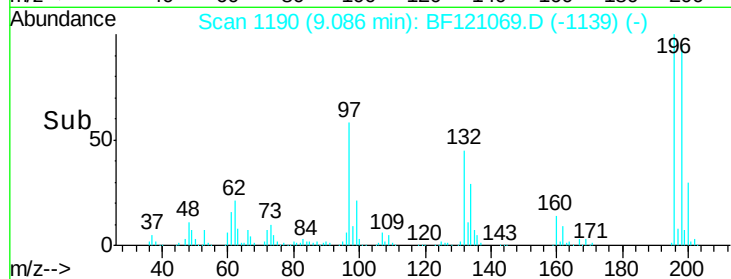
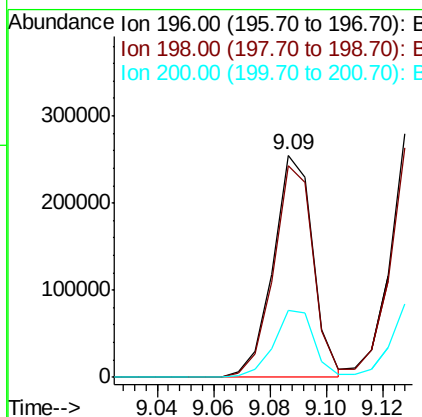
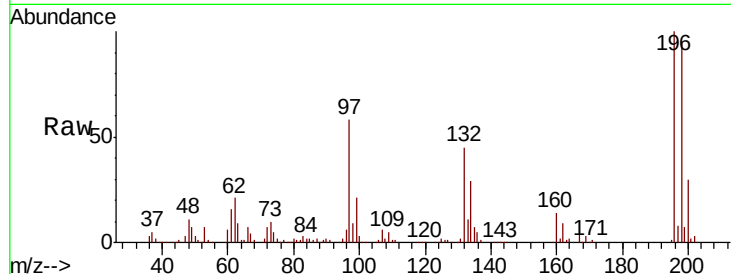
#43
 2,4,6-Trichlorophenol
 Concen: 35.227 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Instrument :
 BNA_F
 ClientSampled :
 SP-1MSD

Tot Ion:	196	Resp:	247846
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.7	113.5
200	30.2	24.4	36.6

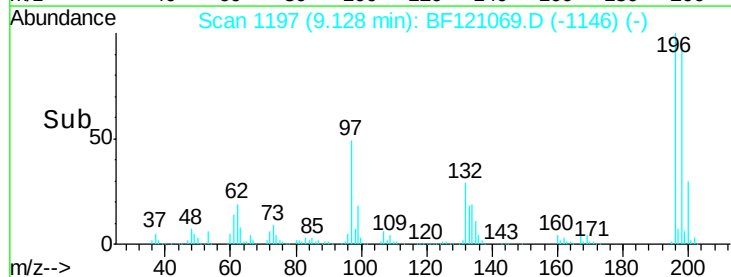
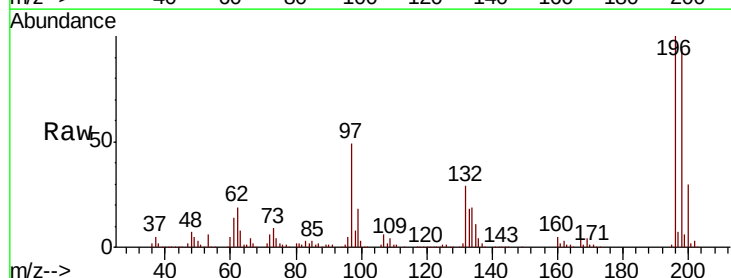
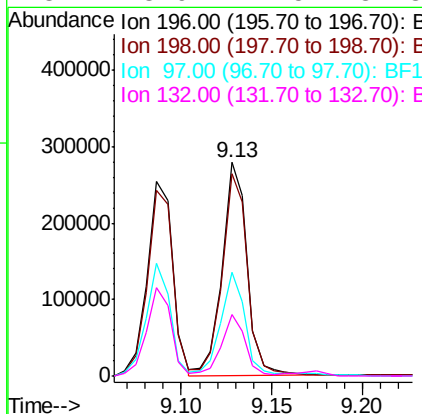
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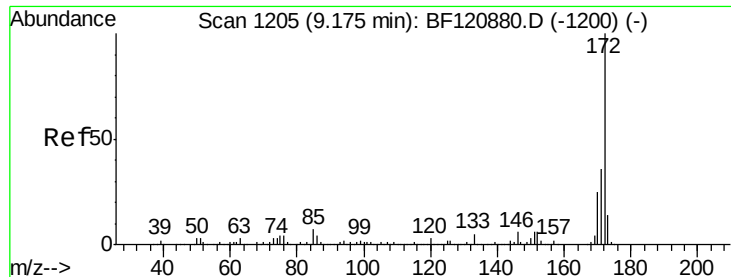
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 33.342 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Tgt Ion:	196	Resp:	266101
Ion Ratio	Lower	Upper	
196	100		
198	94.4	77.6	116.4
97	48.8	35.6	53.4
132	28.9	21.5	32.3





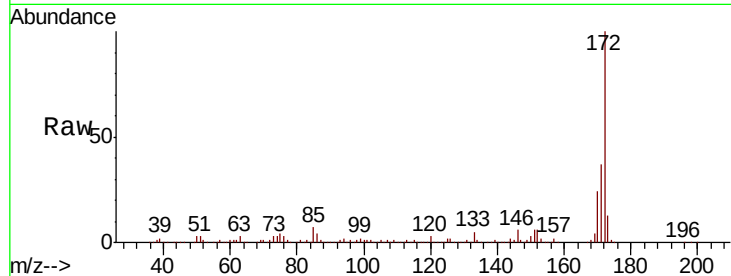
#45
2-Fluorobiphenyl
Concen: 66.106 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.2	19.6	29.4

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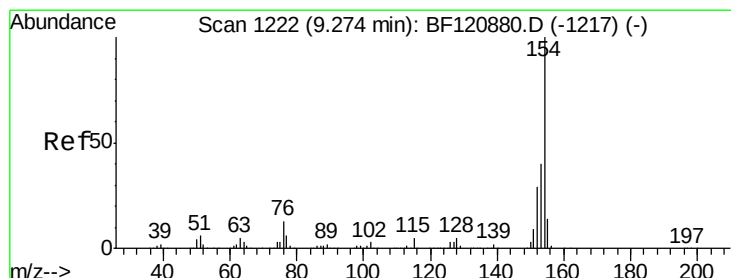
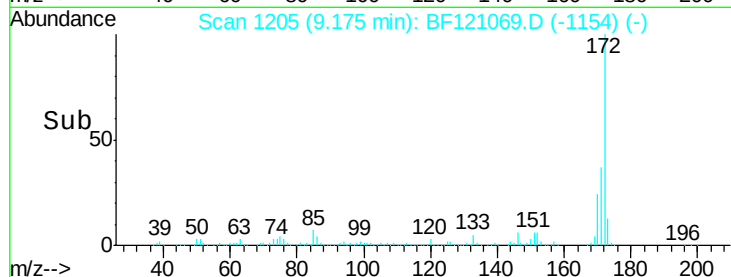
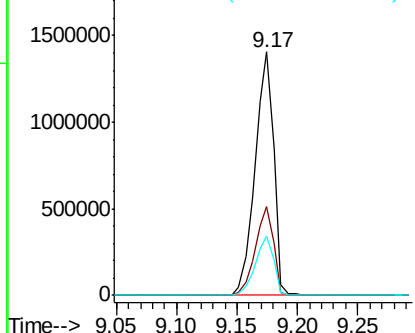


Abundance

Ion 172.00 (171.70 to 172.70): E

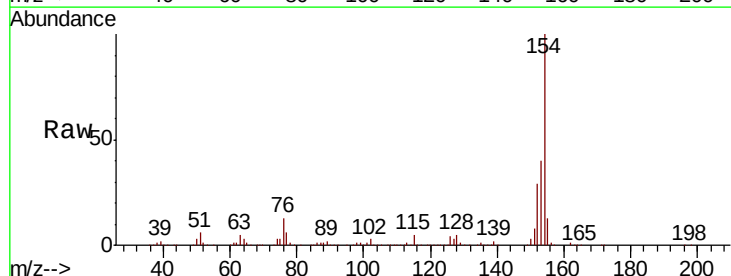
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 35.838 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	12.6	0.0	33.1

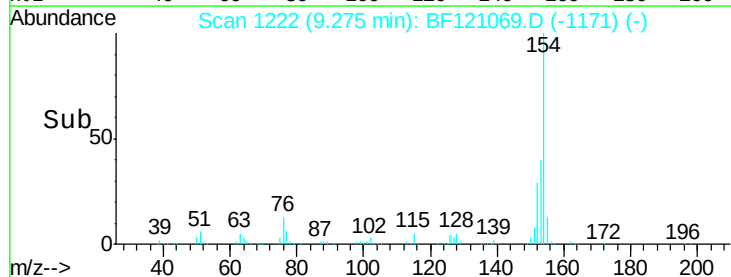
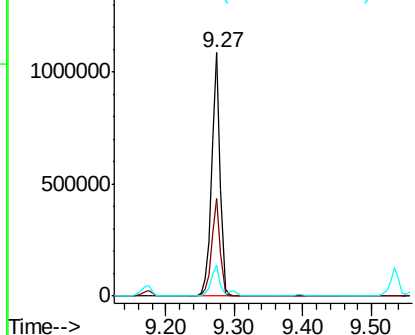


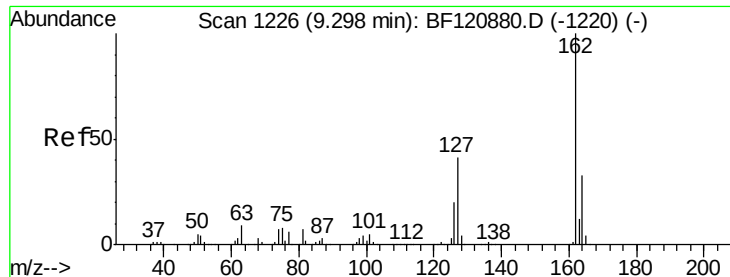
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





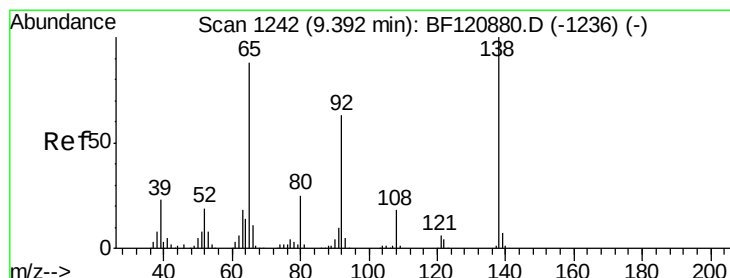
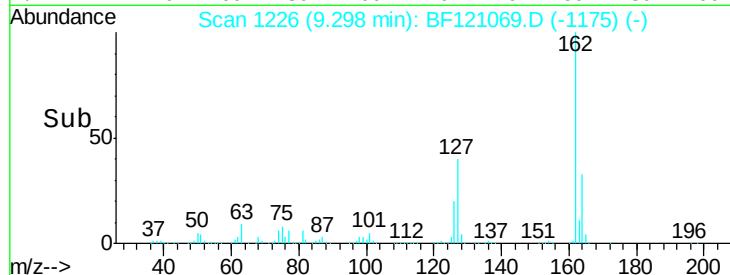
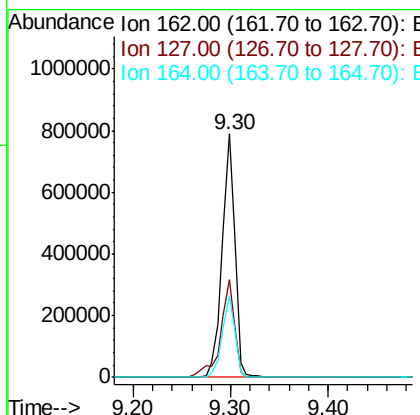
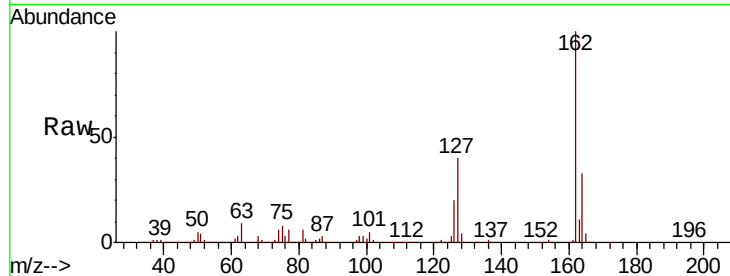
#47
2-Chloronaphthalene
Concen: 33.872 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.3	49.9
164	33.5	26.6	39.8

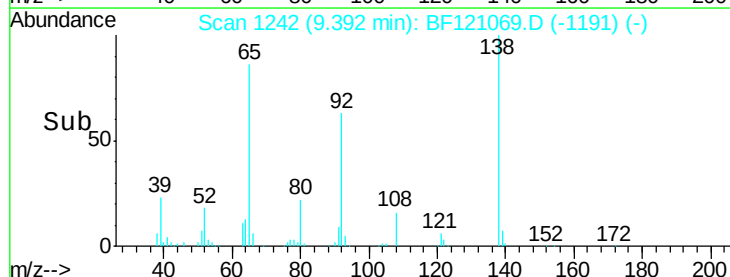
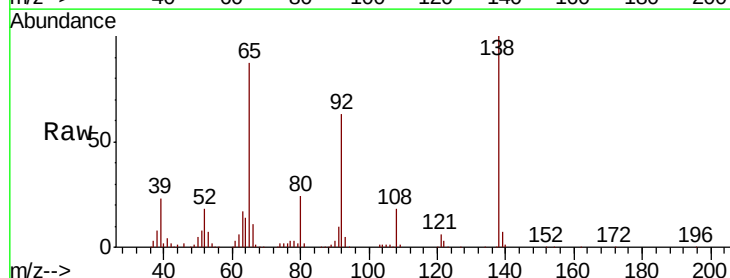
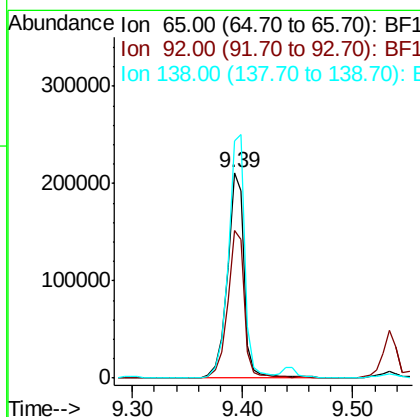
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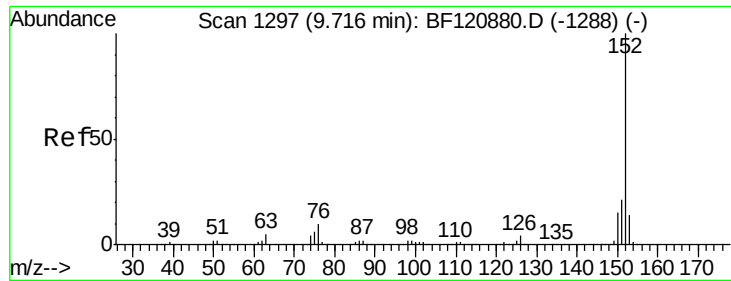
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#48
2-Nitroaniline
Concen: 34.935 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.0	85.4
138	115.3	90.4	135.6





#49

Acenaphthylene

Concen: 34.938 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tot Ion:152 Resp: 1157720

Ion Ratio Lower Upper

152 100

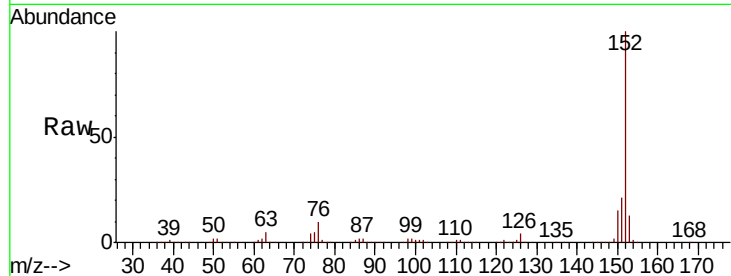
151 20.9 16.6 25.0

153 13.4 10.9 16.3

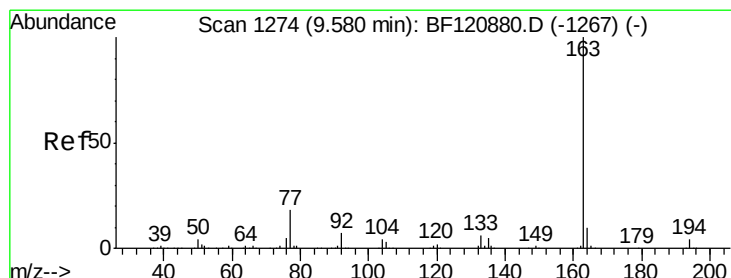
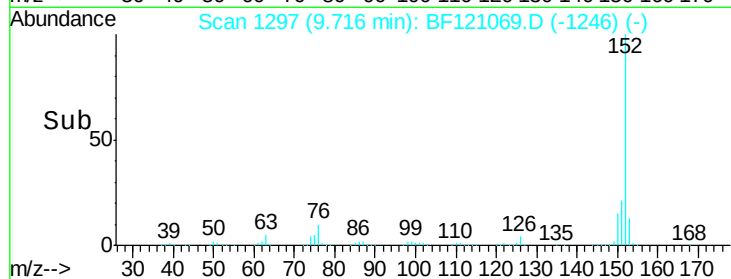
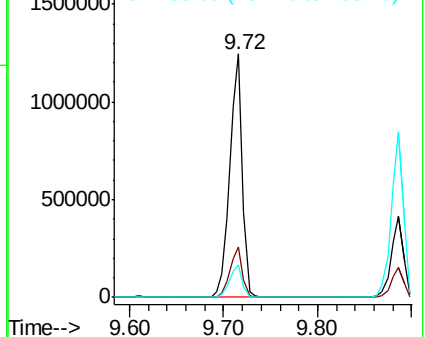
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.331 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

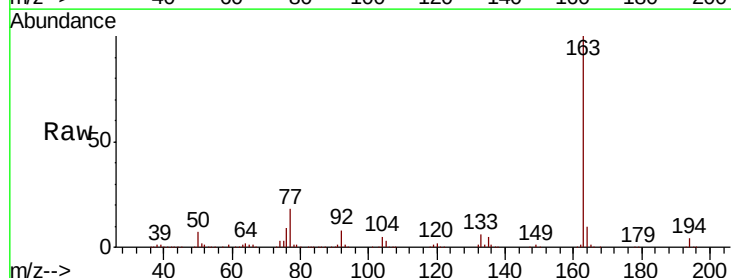
Tgt Ion:163 Resp: 1072143

Ion Ratio Lower Upper

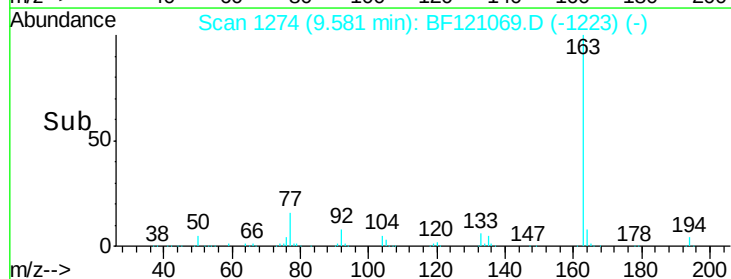
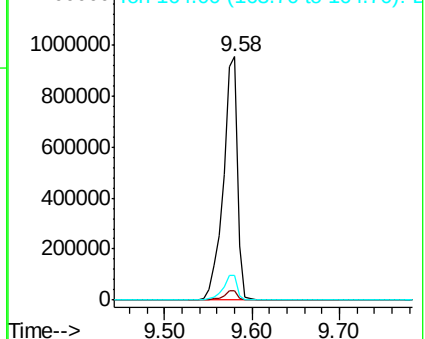
163 100

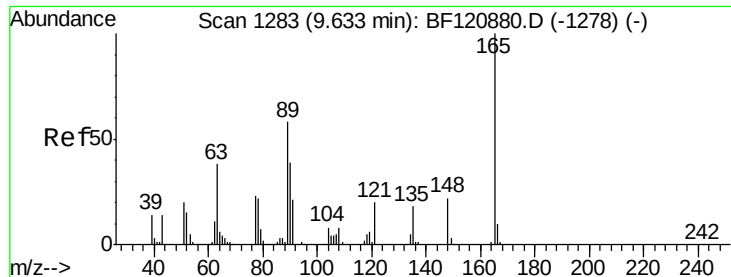
194 4.1 3.2 4.8

164 10.0 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 36.846 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

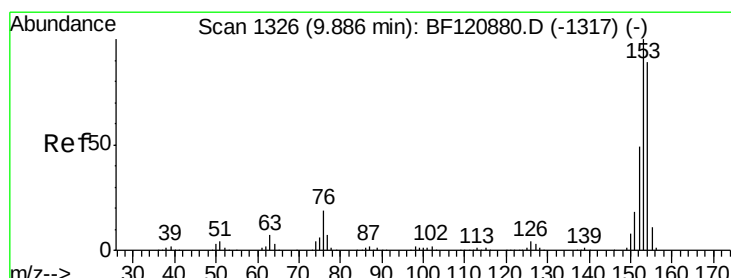
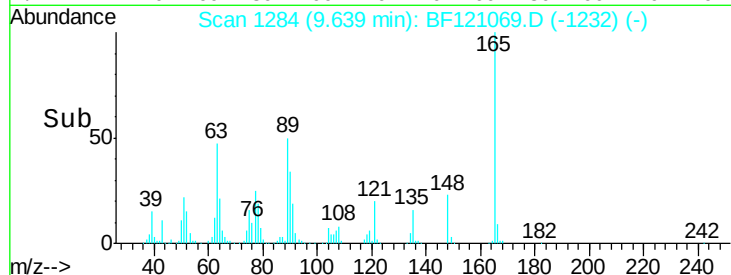
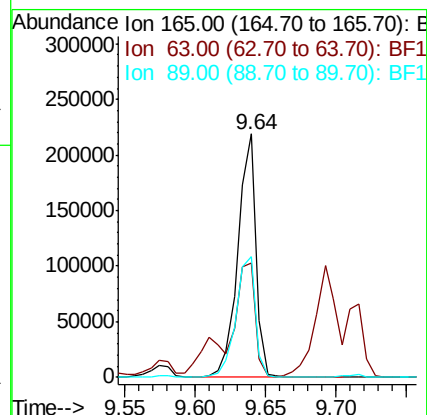
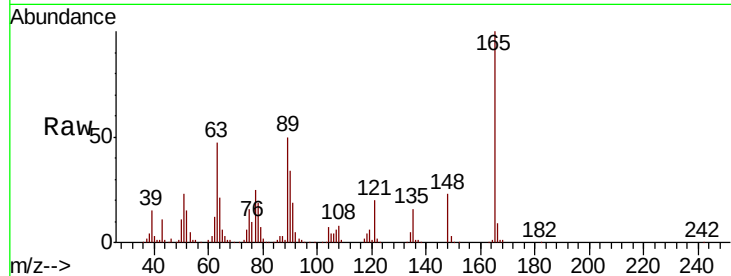
ClientSampled :

SP-1MSD

Tot Ion:	165	Resp:	195869
Ion Ratio	Lower	Upper	
165	100		
63	46.9	45.4	68.2
89	49.8	47.0	70.4

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#52

Acenaphthene

Concen: 37.015 ng m

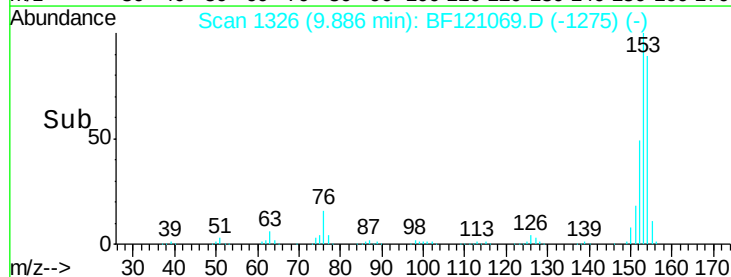
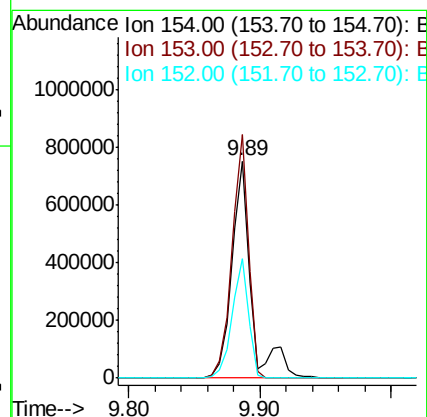
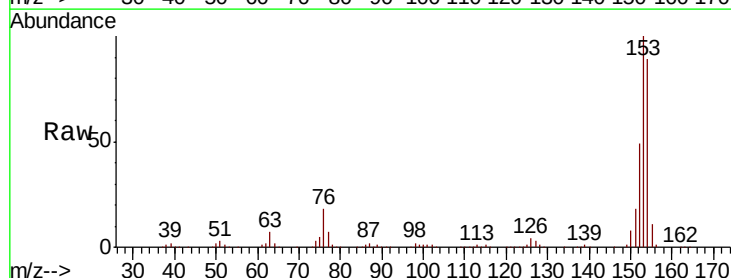
RT: 9.89 min Scan# 1326

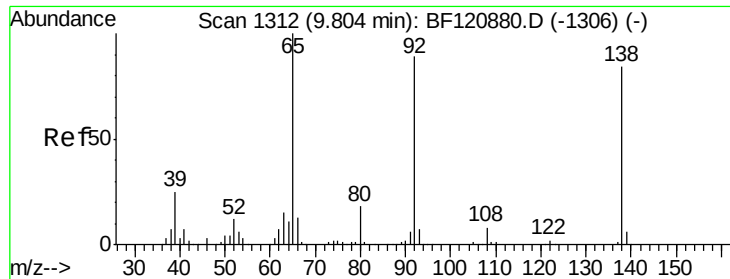
Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Tgt Ion:	154	Resp:	779802
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.5	134.3
152	54.9	44.2	66.2





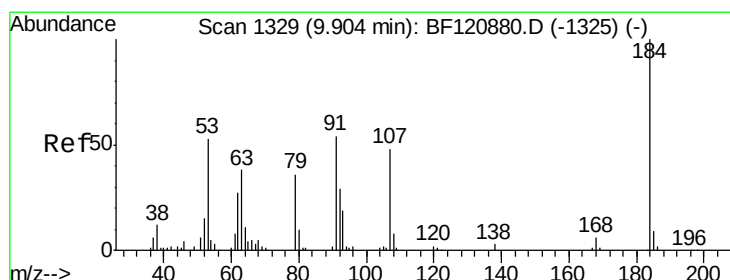
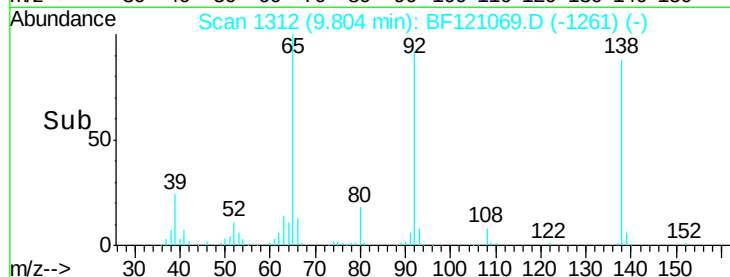
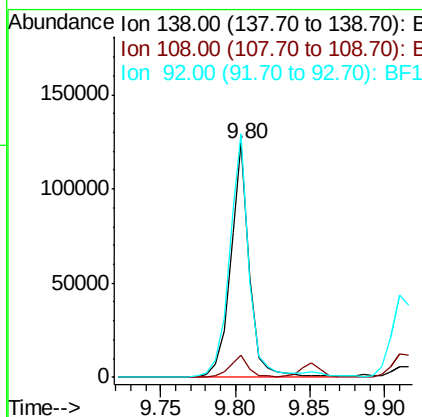
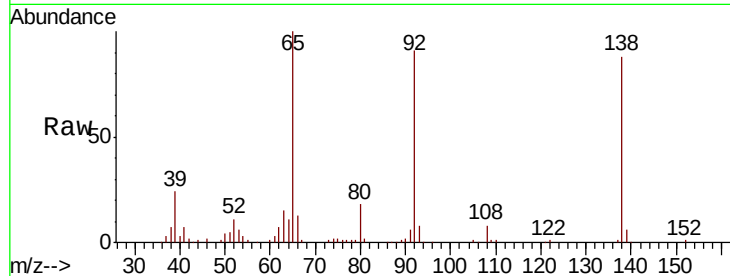
#53
3-Nitroaniline
Concen: 16.644 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	104.0	85.3	127.9

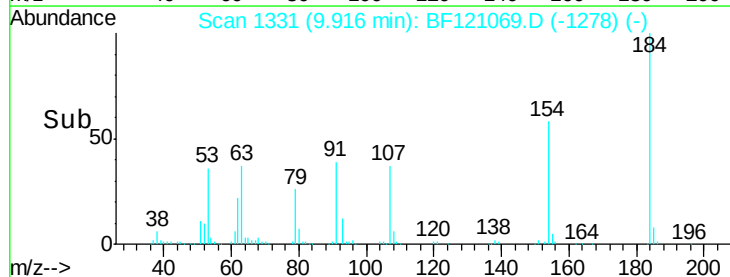
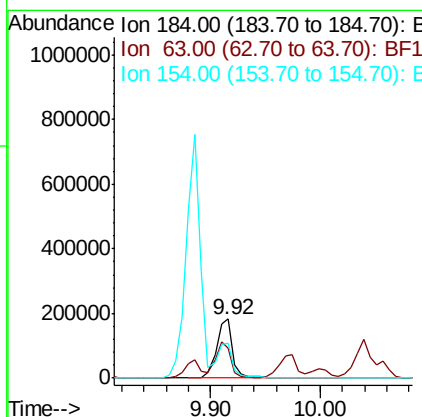
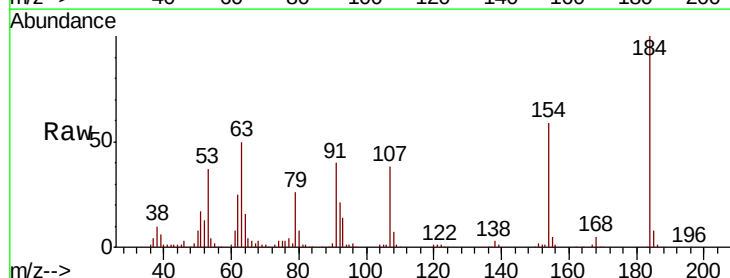
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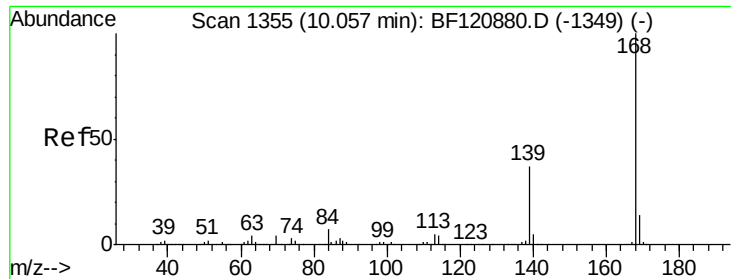
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#54
2,4-Dinitrophenol
Concen: 62.583 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.2	57.9	86.9#
154	58.7	52.6	78.8





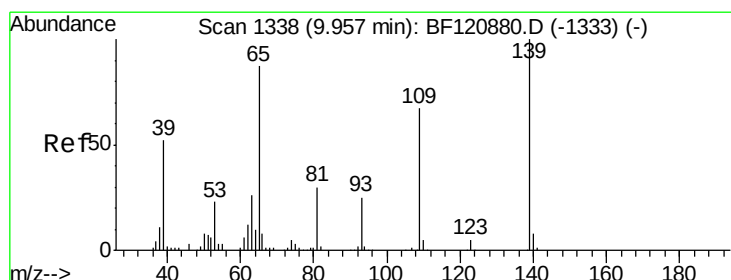
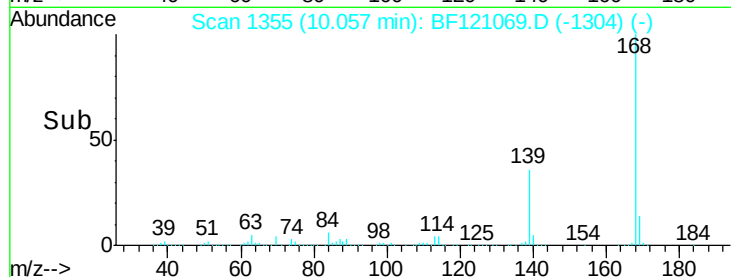
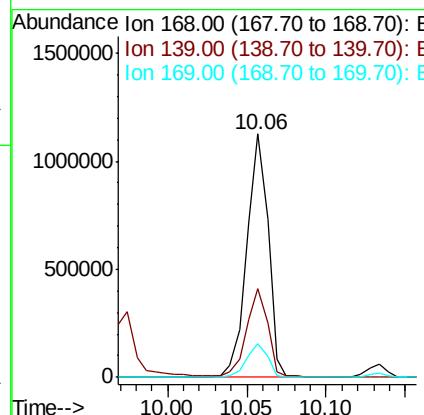
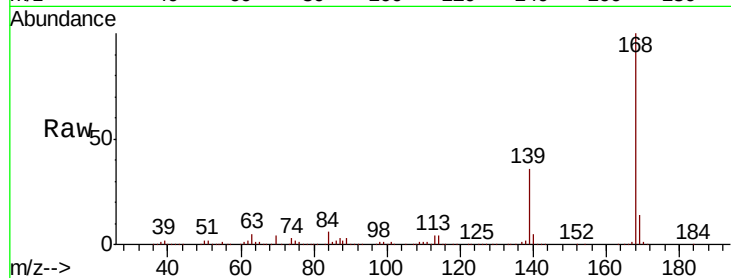
#55
Dibenzenofuran
Concen: 34.472 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.7	44.5
169	13.8	11.1	16.7

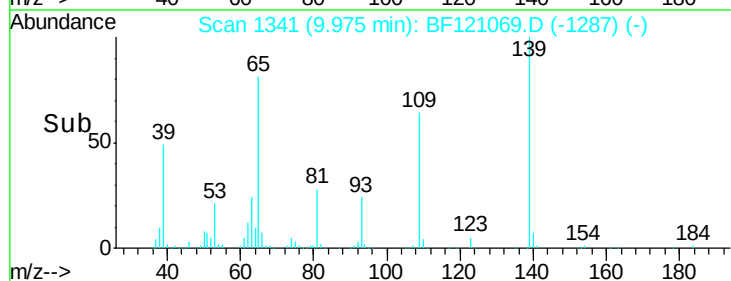
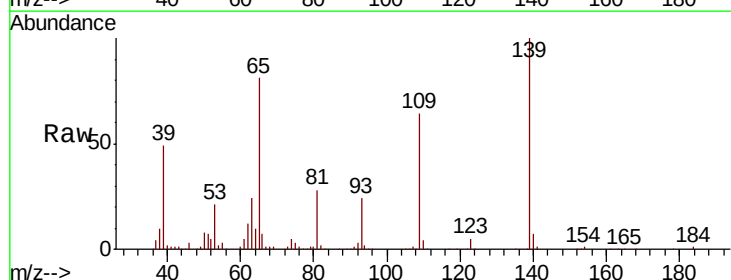
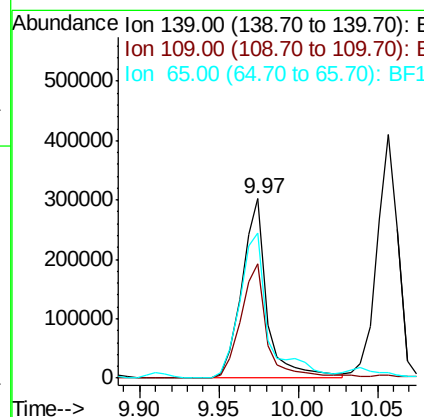
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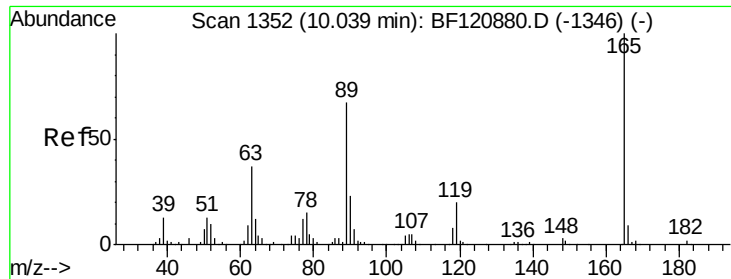
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#56
4-Nitrophenol
Concen: 66.021 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.1	47.3	87.3
65	81.3	67.2	107.2





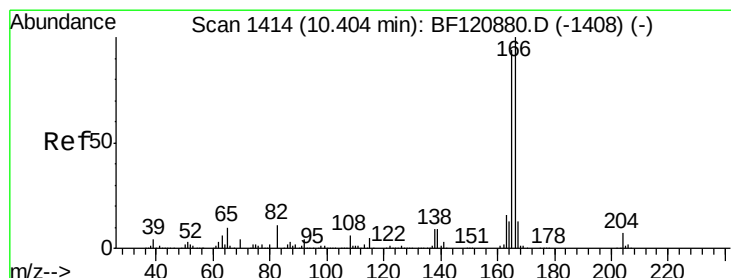
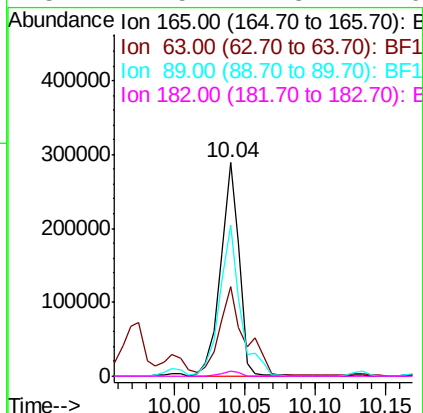
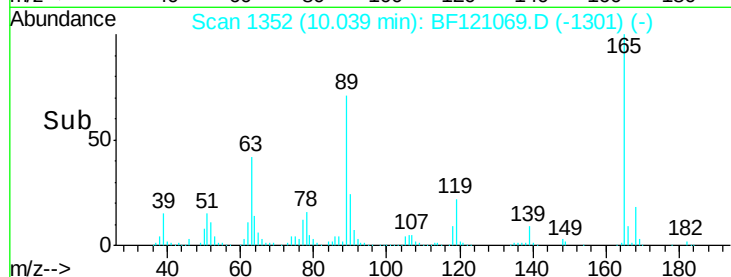
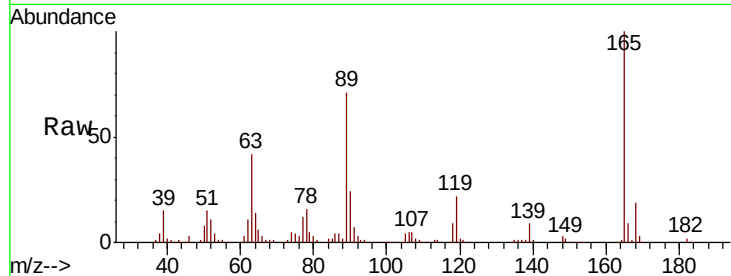
#57
2,4-Dinitrotoluene
Concen: 37.332 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	260611		
63	41.9	29.4	44.2	
89	70.6	53.4	80.0	
182	2.5	1.8	2.6	

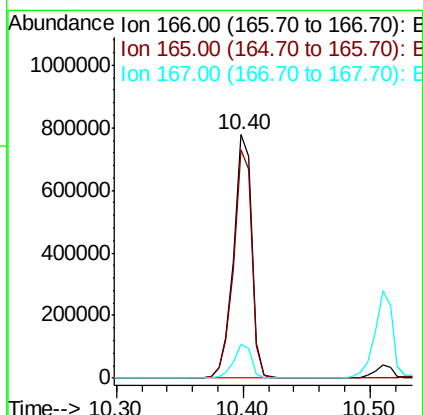
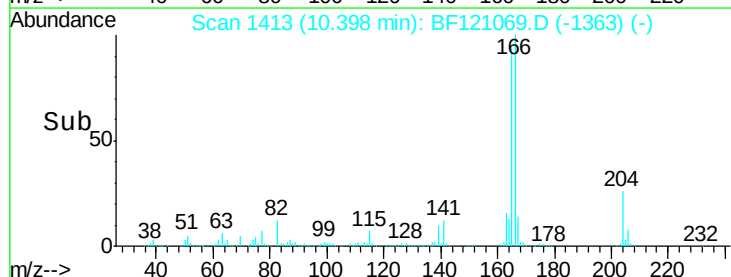
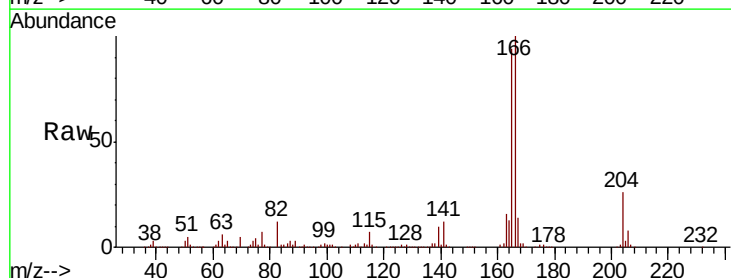
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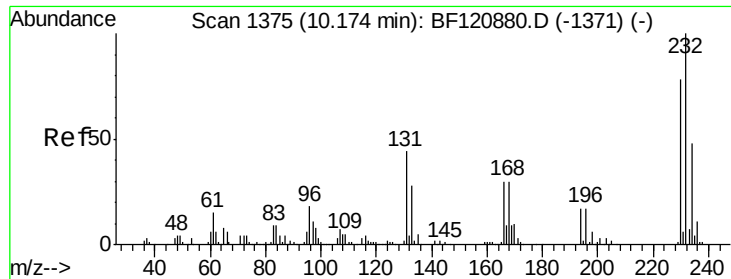
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#58
Fluorene
Concen: 33.567 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	762706		
165	93.6	75.4	113.0	
167	13.7	10.6	15.8	





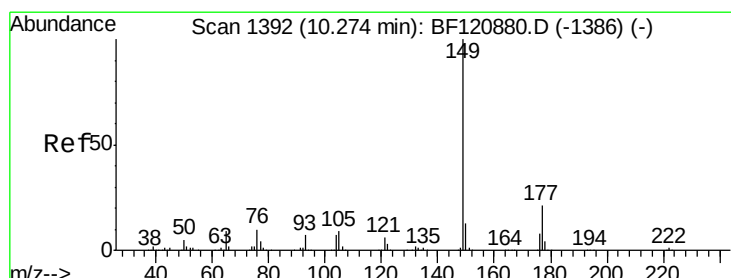
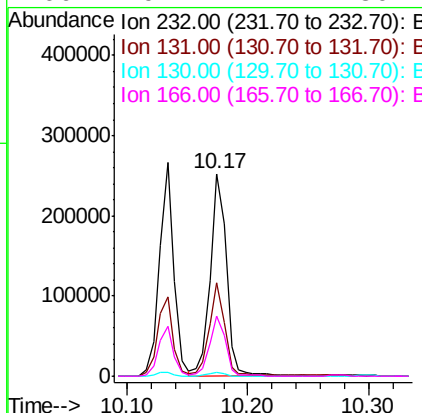
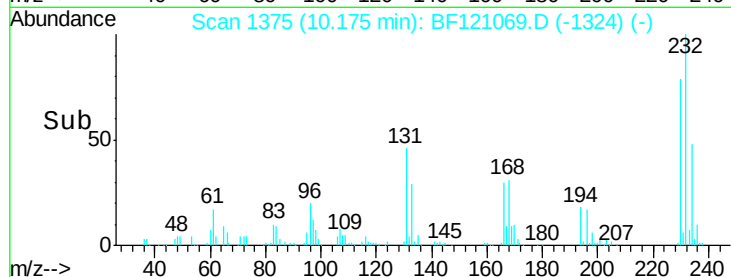
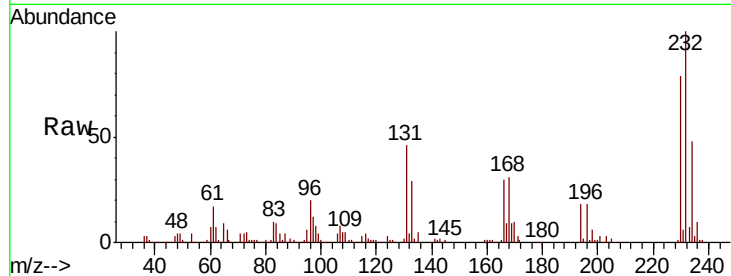
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.426 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	233497		
131	43.5		37.1	55.7
130	2.1		1.7	2.5
166	29.2		24.2	36.4

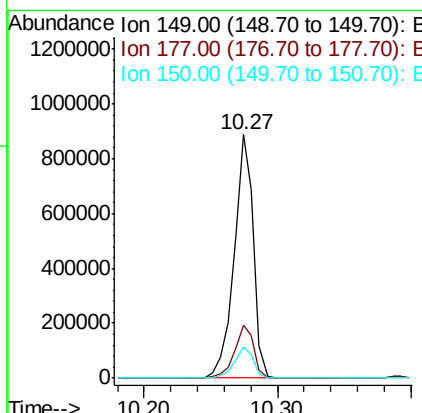
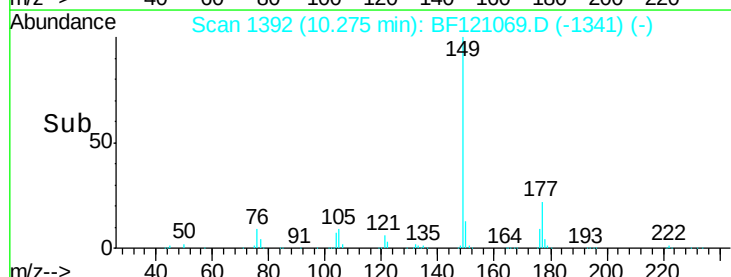
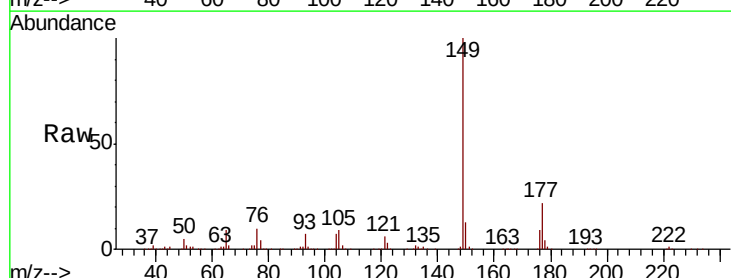
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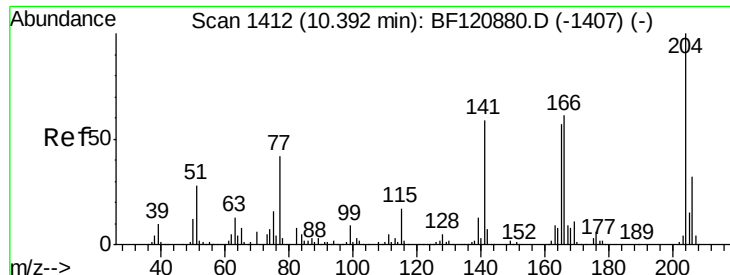
mohammad
7/29/2020 11:47:18 AM



#60
Diethylphthalate
Concen: 35.543 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	889534		
177	21.7		17.1	25.7
150	12.8		10.3	15.5





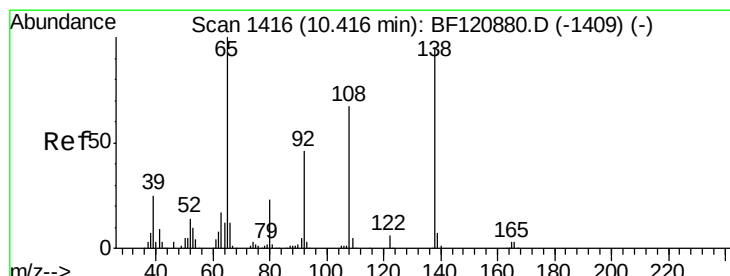
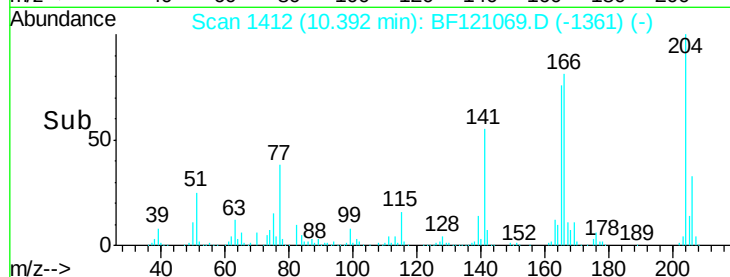
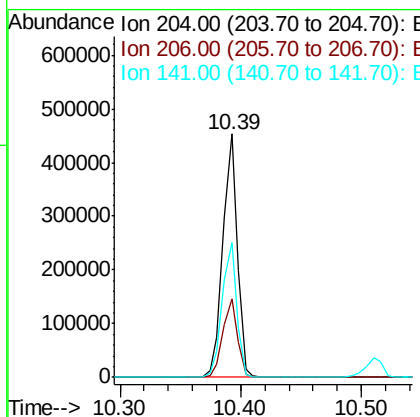
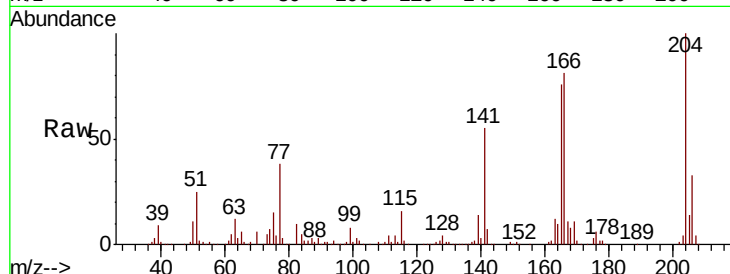
#61
4-Chlorophenyl-phenylether
Concen: 31.010 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	55.3	47.2	70.8

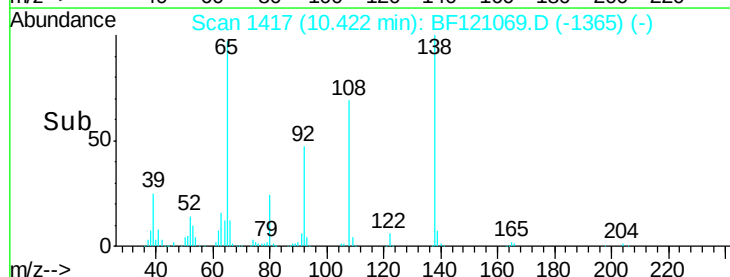
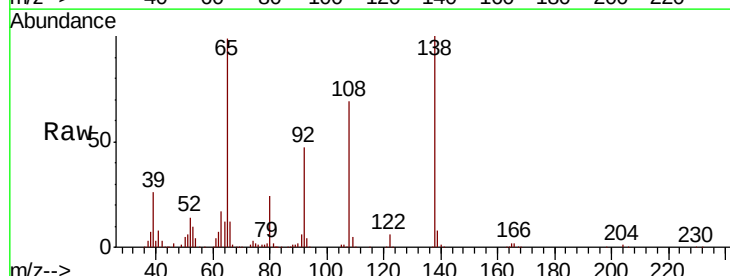
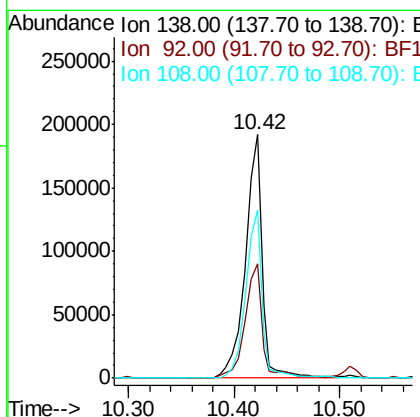
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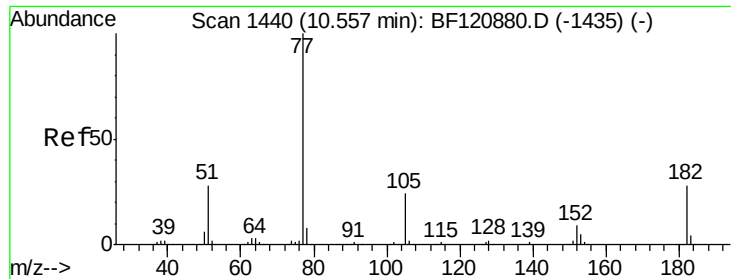
mohammad
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#62
4-Nitroaniline
Concen: 32.613 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	28.6	68.6
108	69.3	51.1	91.1





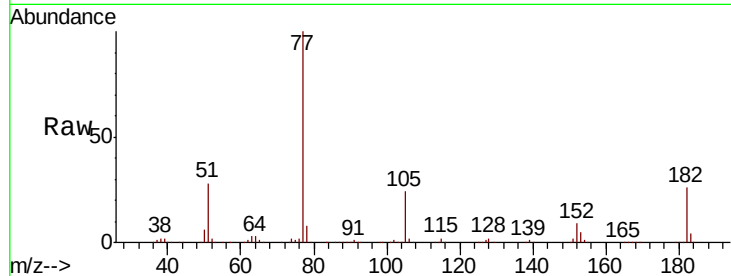
#63
Azobenzene
Concen: 34.360 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

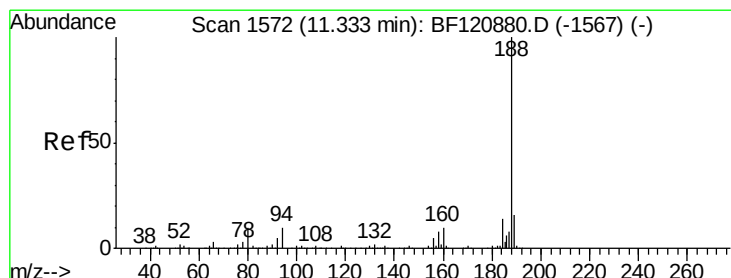
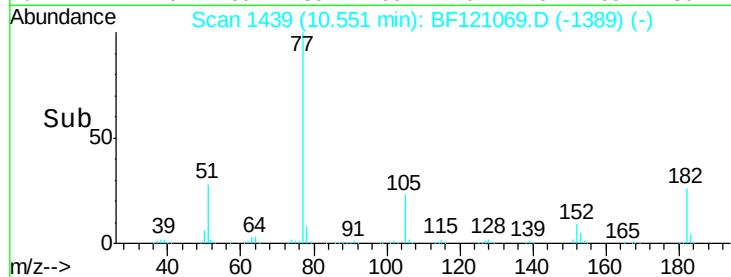
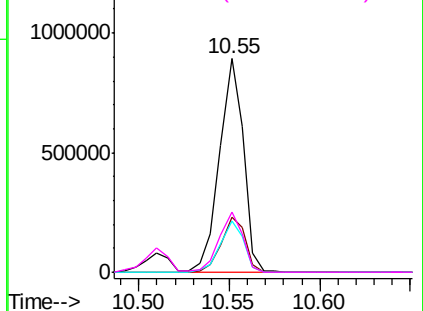
Tot Ion	77	Resp	818679
Ion	Ratio	Lower	Upper
77	100		
182	25.9	7.8	47.8
105	23.8	4.4	44.4
51	28.2	8.0	48.0

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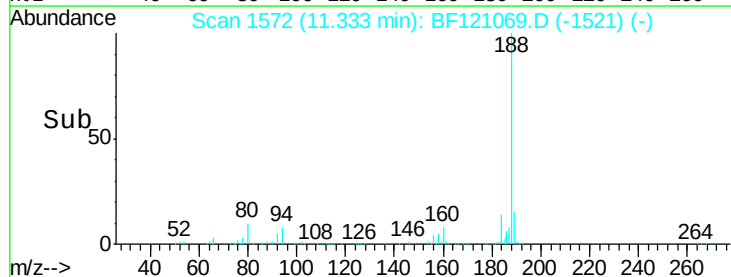
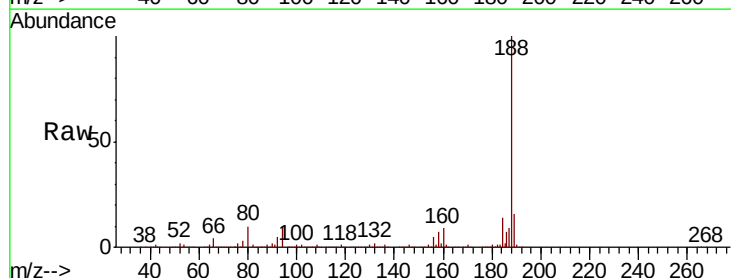
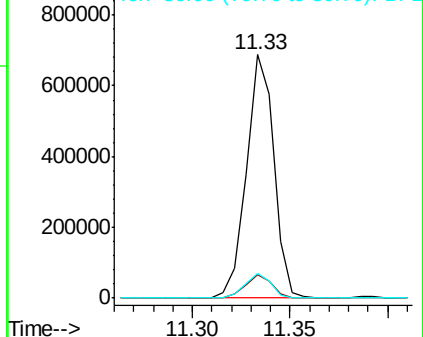
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

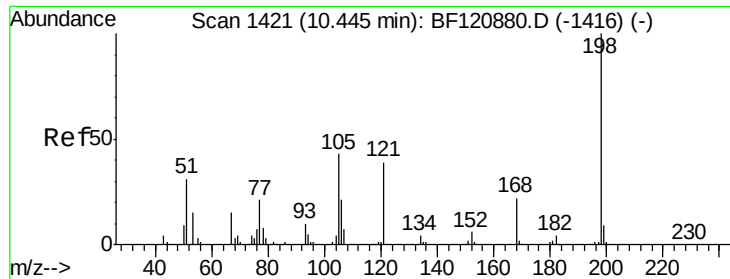


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	188	Resp	670995
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.4	8.3	12.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





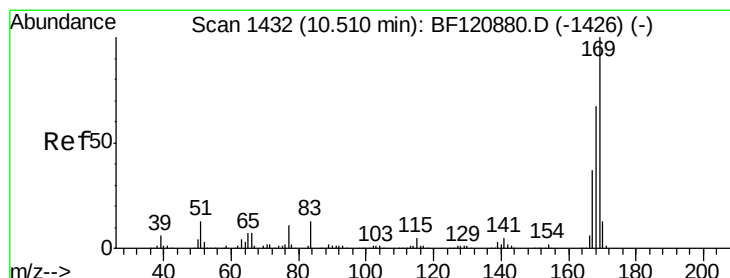
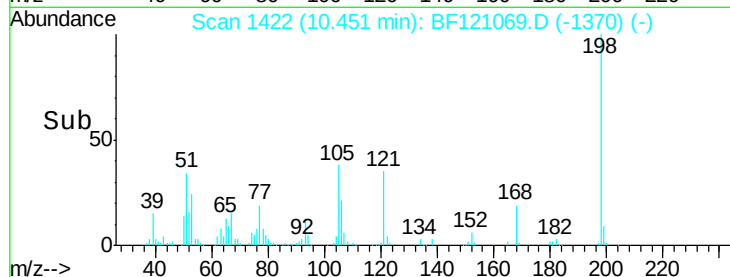
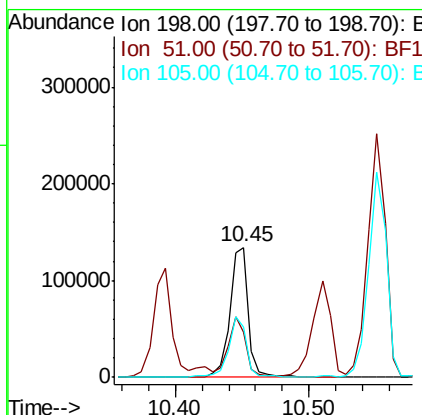
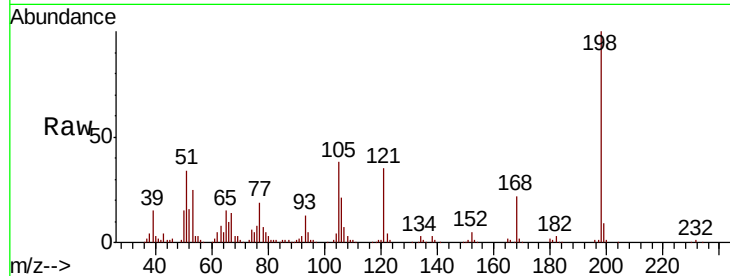
#65
4,6-Dinitro-2-methylphenol
Concen: 34.962 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	19.5	59.5
105	38.3	24.4	64.4

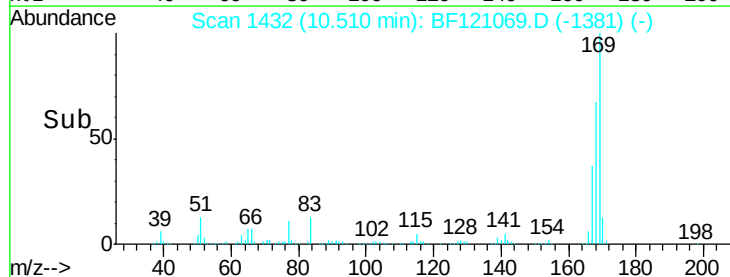
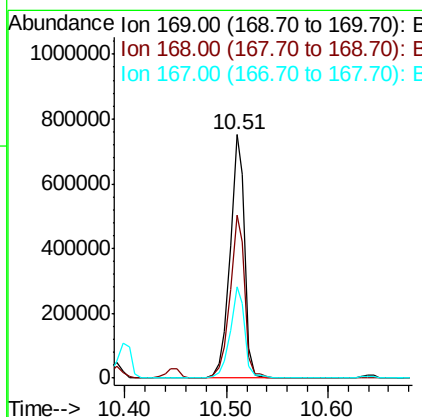
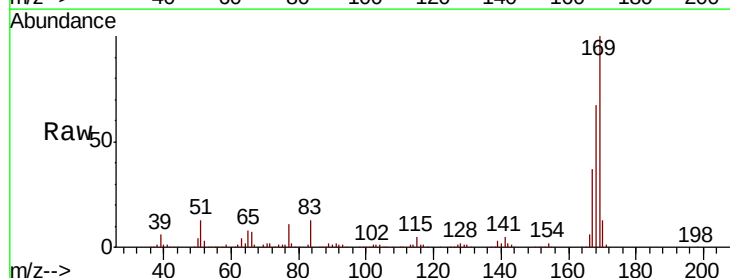
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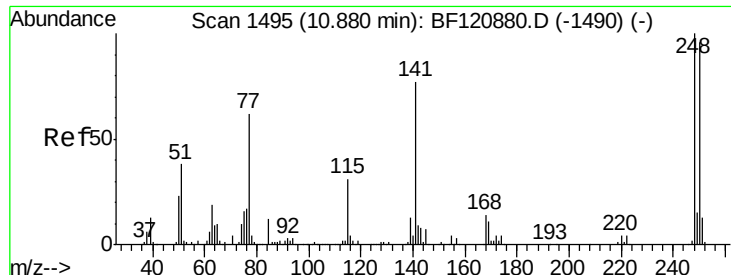
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 35.303 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	37.4	29.4	44.0





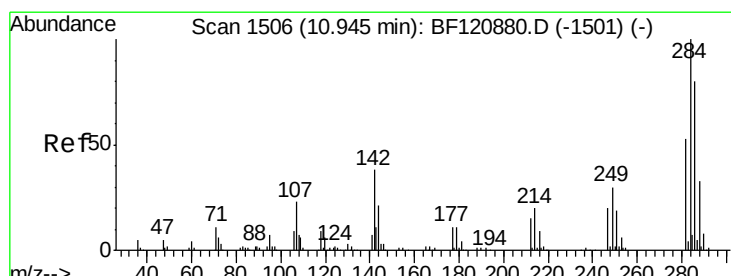
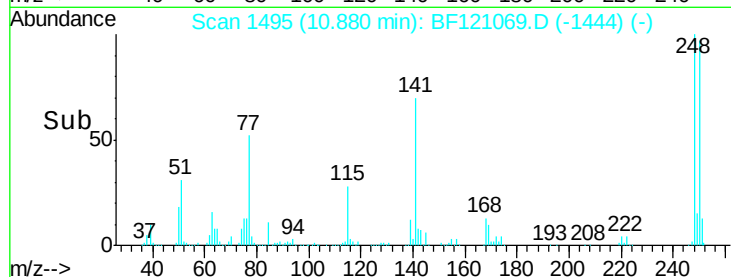
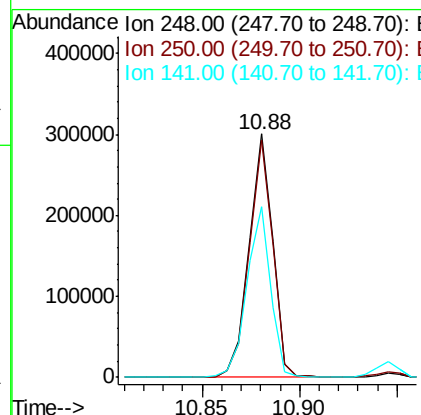
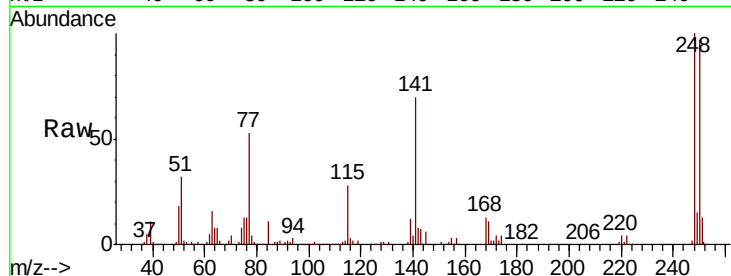
#67
 4-Bromophenyl-phenylether
 Concen: 33.784 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:	248	Resp:	252743
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.1	115.7
141	69.9	61.2	91.8

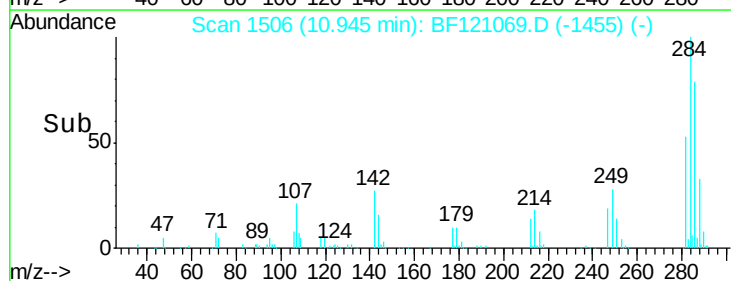
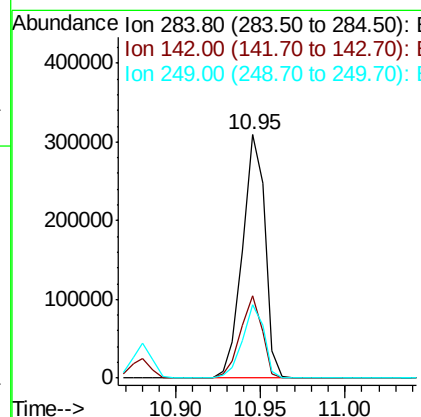
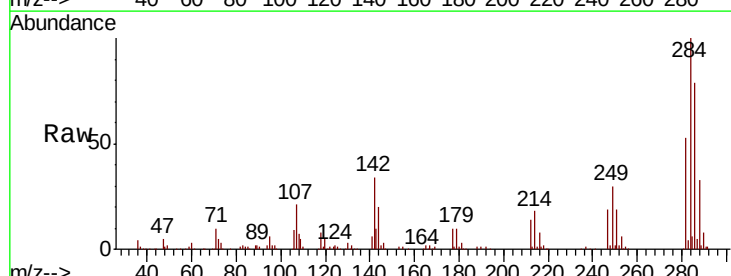
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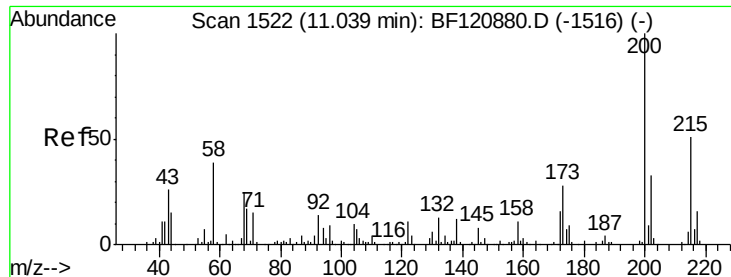
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#68
 Hexachlorobenzene
 Concen: 35.423 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Tgt Ion:	284	Resp:	286664
Ion Ratio	Lower	Upper	
284	100		
142	33.7	30.2	45.2
249	30.0	24.2	36.2





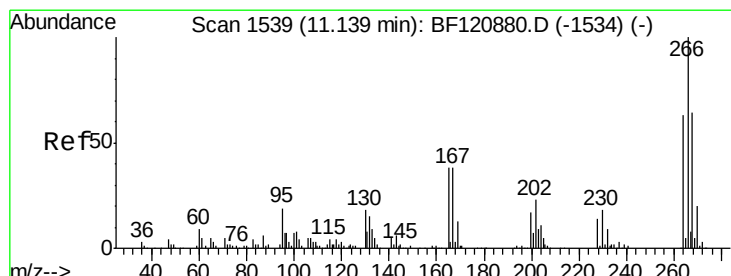
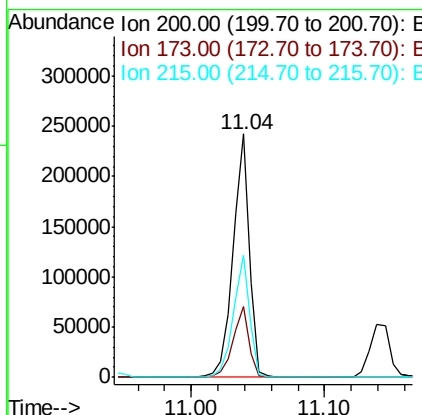
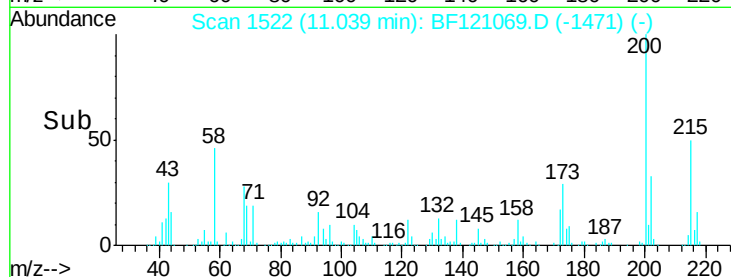
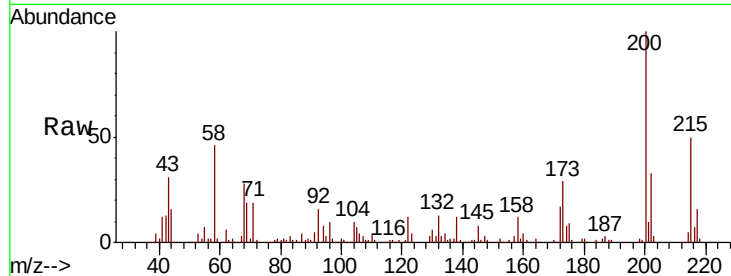
#69
Atrazine
Concen: 40.146 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	8.0	48.0
215	50.2	31.5	71.5

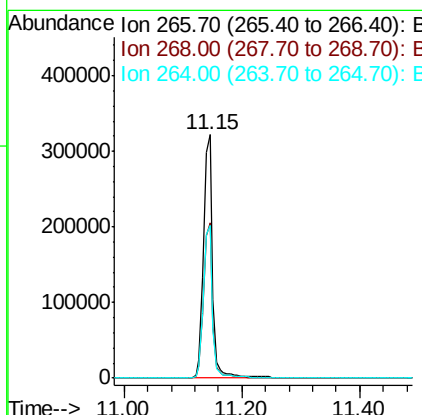
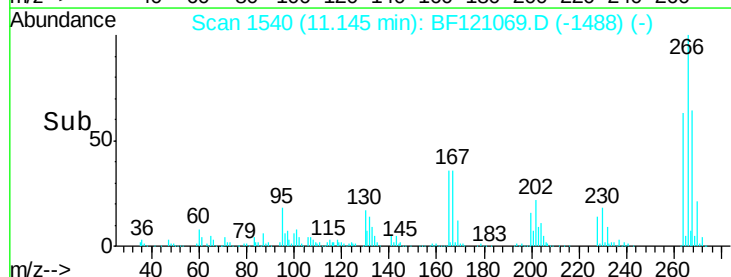
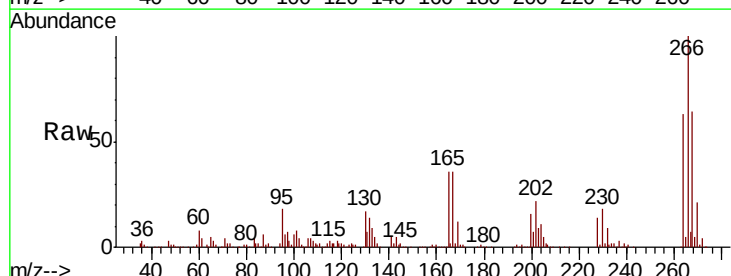
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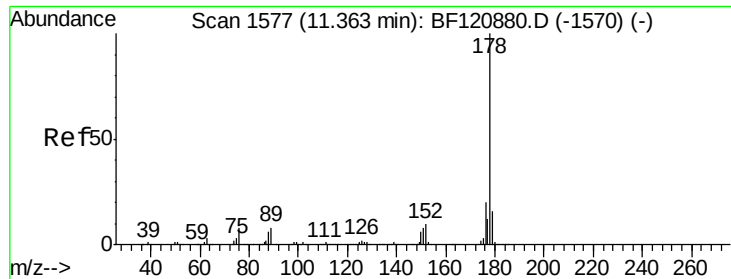
mohammad
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#70
Pentachlorophenol
Concen: 74.234 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.1	76.7
264	62.5	50.2	75.2





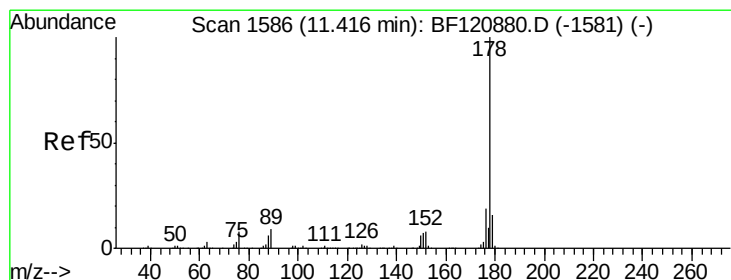
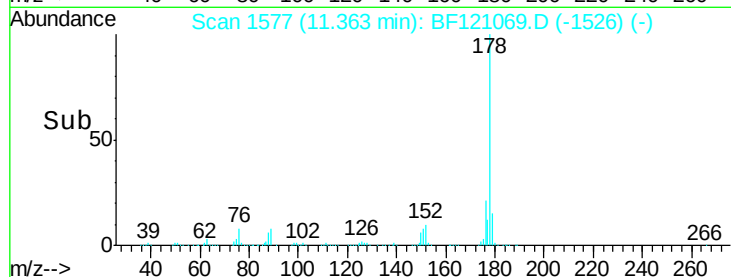
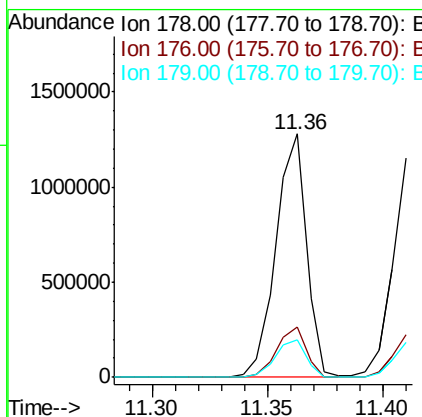
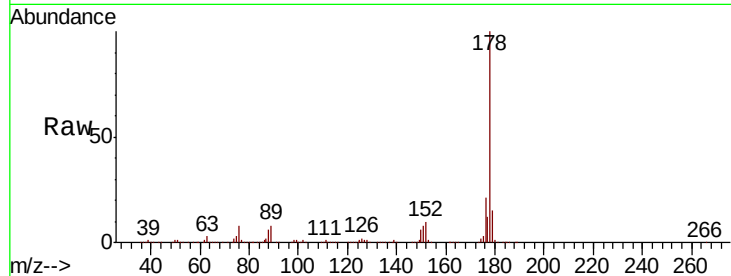
#71
Phenanthrene
Concen: 34.032 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:178 Resp: 1174440
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 15.5 12.8 19.2

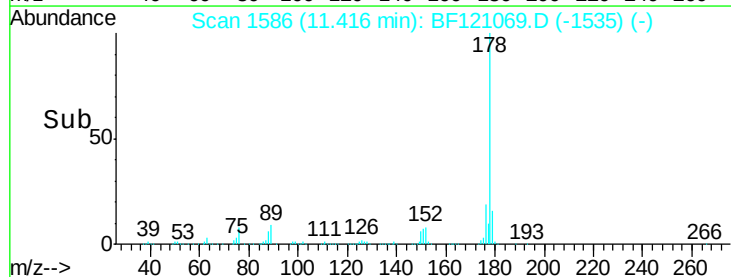
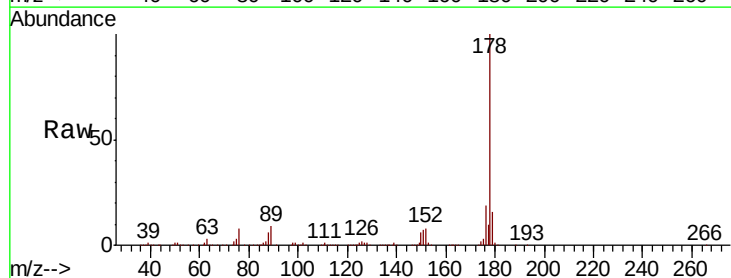
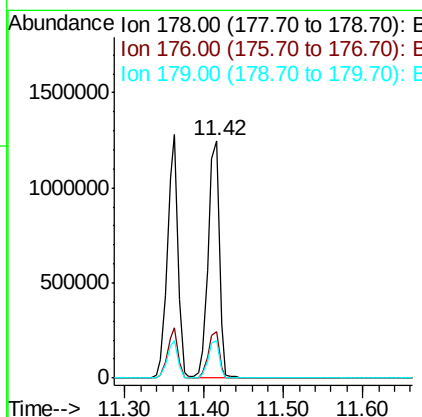
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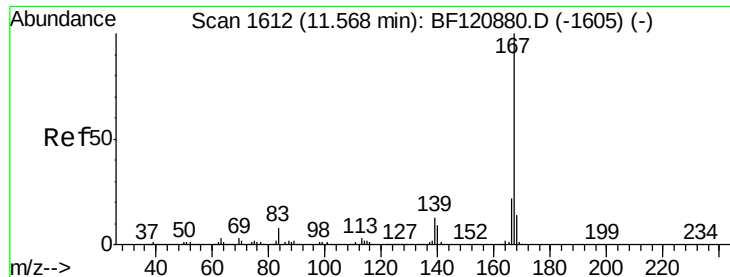
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#72
Anthracene
Concen: 35.632 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion:178 Resp: 1234754
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.8 19.2





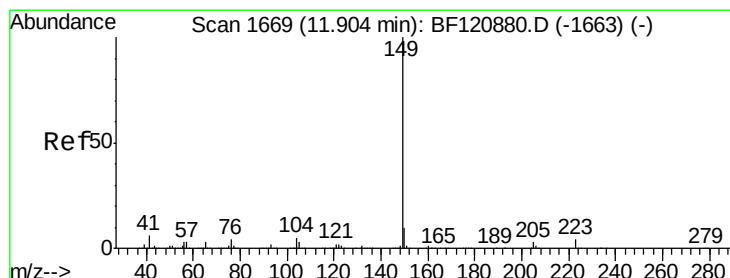
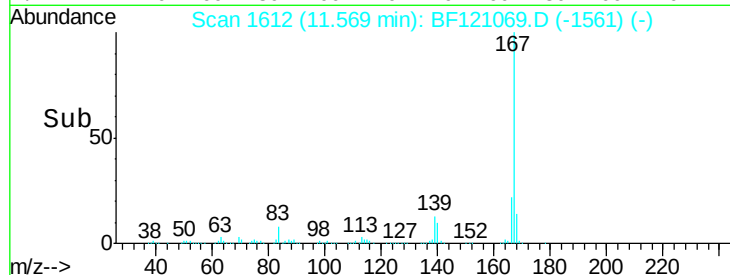
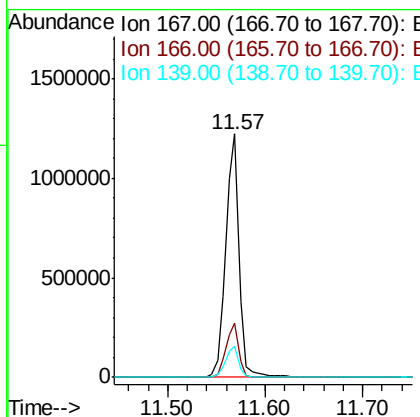
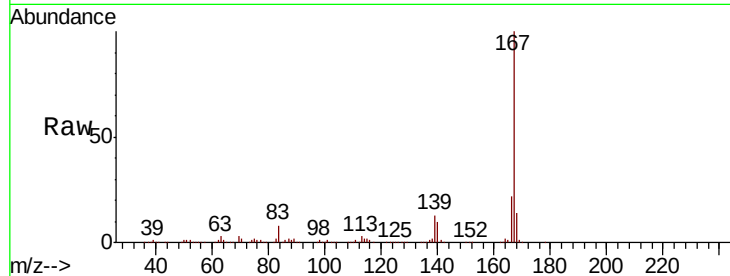
#73
 Carbazole
 Concen: 33.688 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:167 Resp: 1158494
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 12.9 10.1 15.1

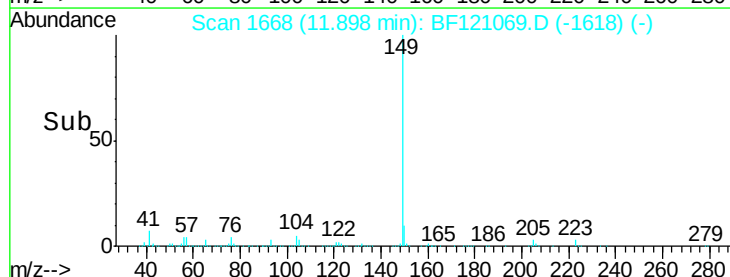
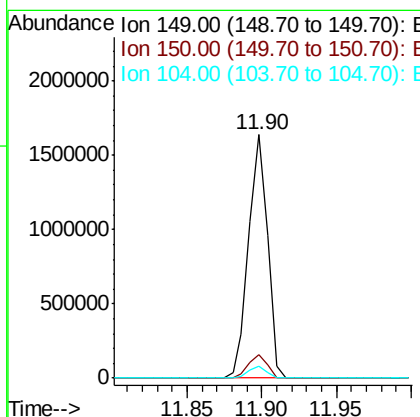
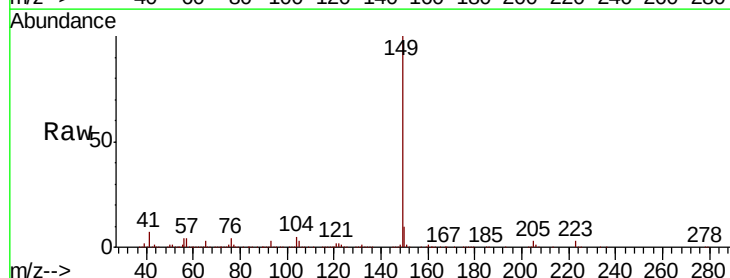
Manual Integrations
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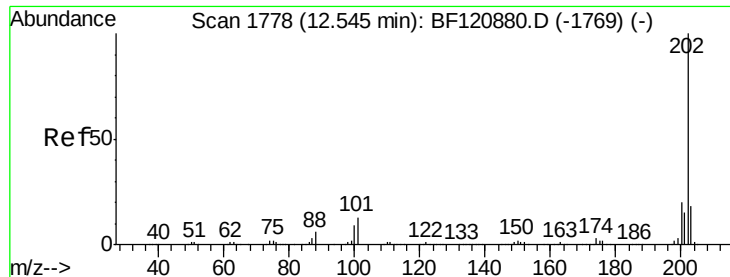
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#74
 Di-n-butylphthalate
 Concen: 36.424 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Tgt Ion:149 Resp: 1445491
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.8 3.8 5.6





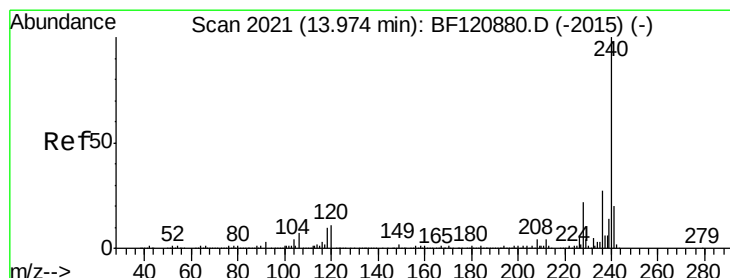
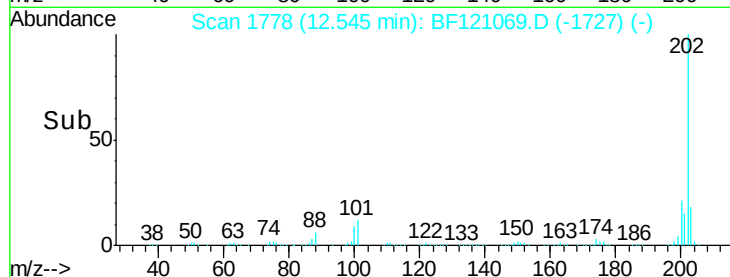
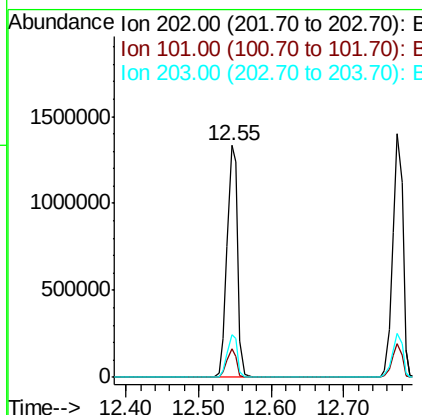
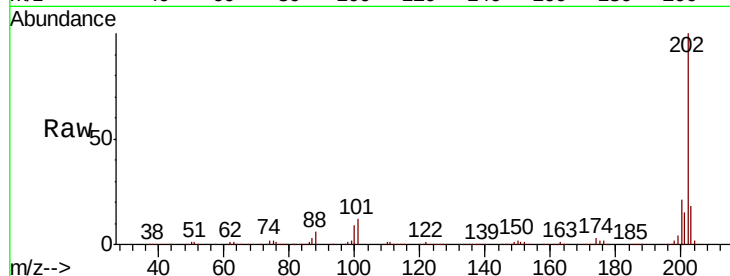
#75
Fluoranthene
 Concen: 35.548 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.7
203	18.3	0.0	38.0

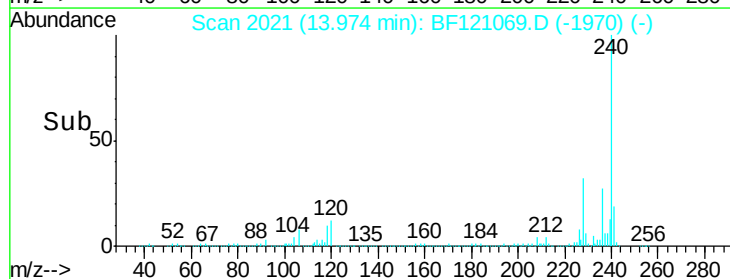
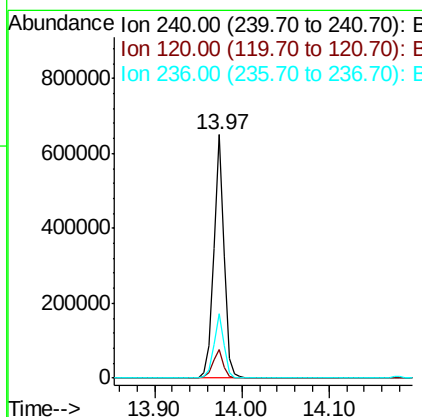
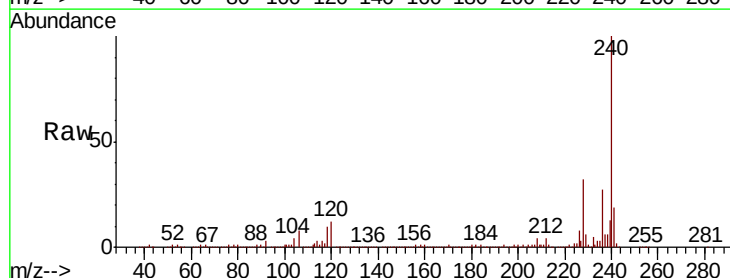
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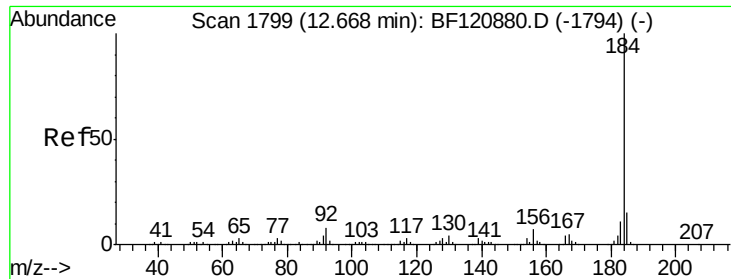
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	26.7	21.7	32.5





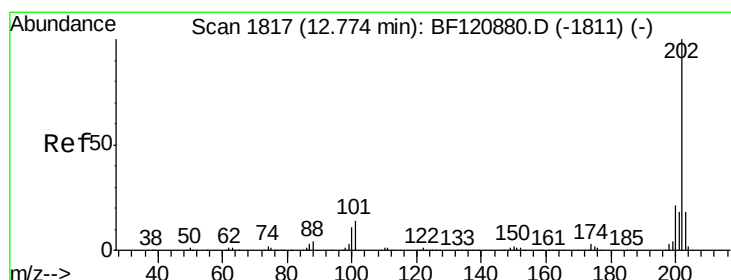
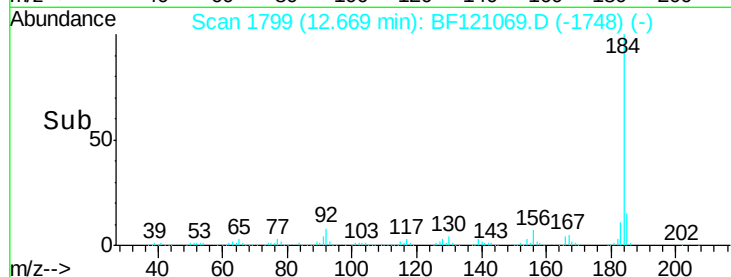
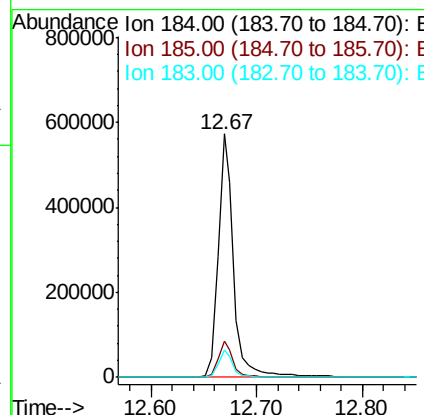
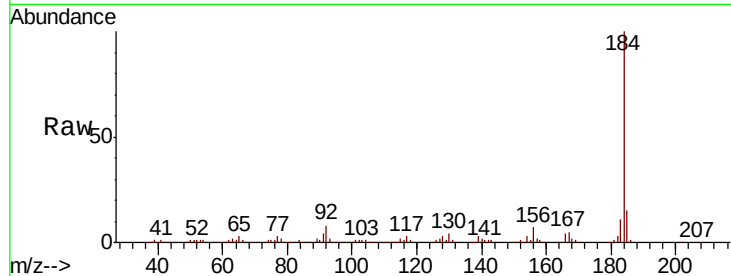
#77
Benzidine
Concen: 42.169 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	592287		
185	15.0		12.2	18.2
183	11.0		8.5	12.7

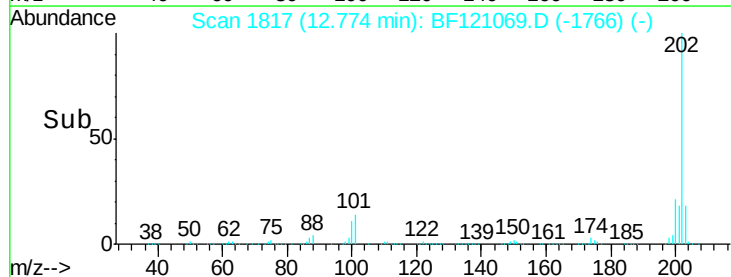
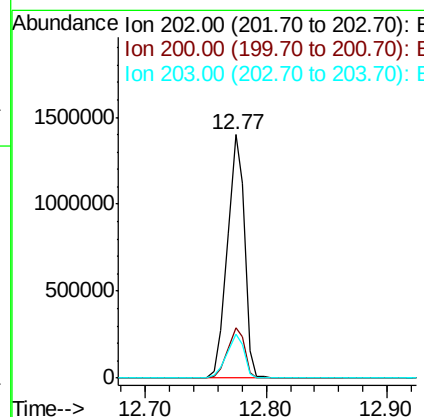
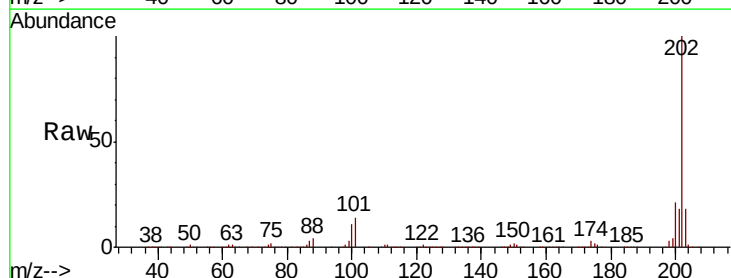
Manual Integrations
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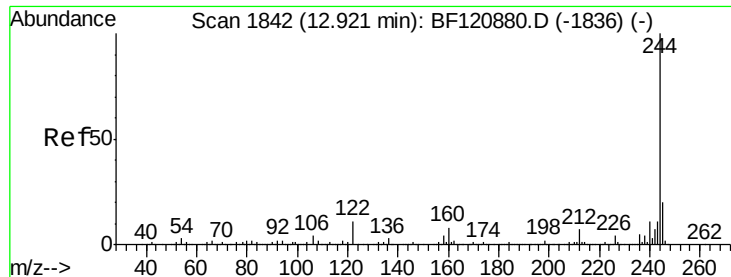
mohammad
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#78
Pyrene
Concen: 36.212 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1367690		
200	20.9		17.0	25.4
203	18.3		14.4	21.6





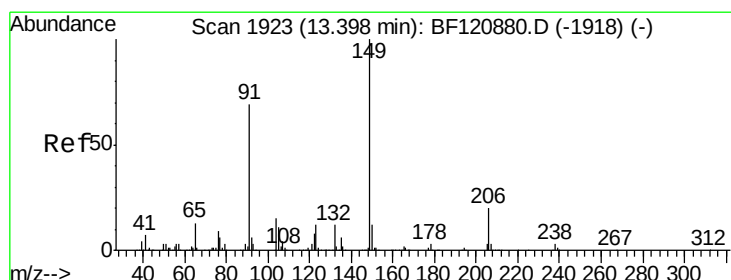
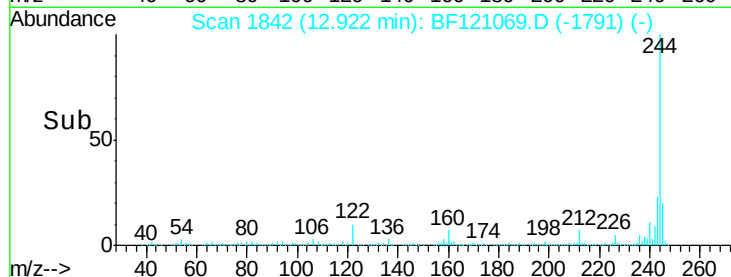
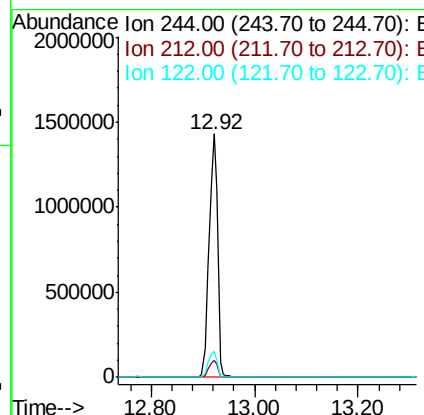
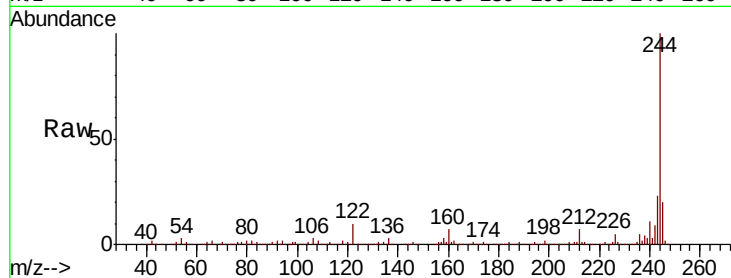
#79
Terphenyl-d14
Concen: 67.605 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.4	8.9	13.3

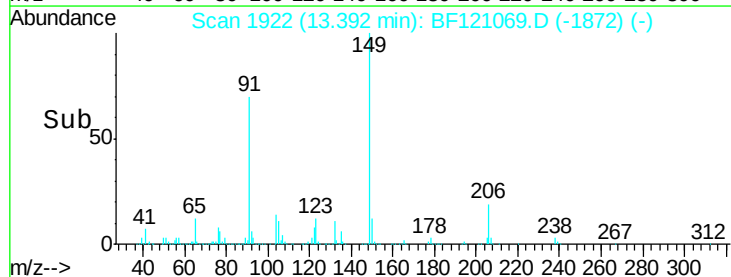
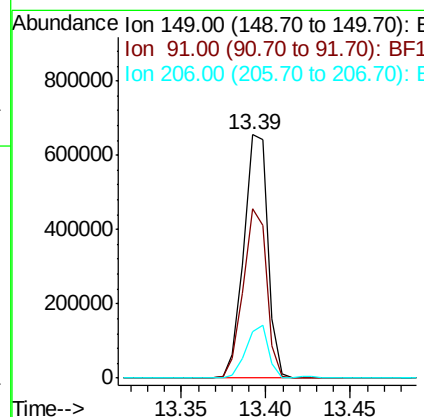
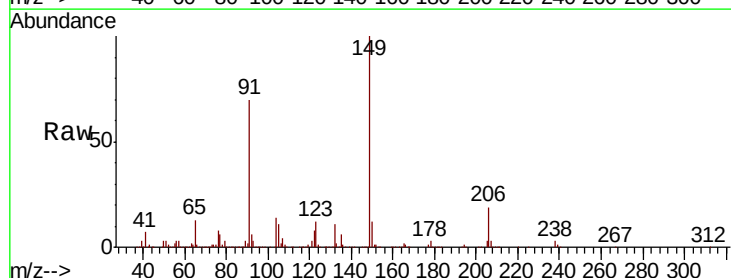
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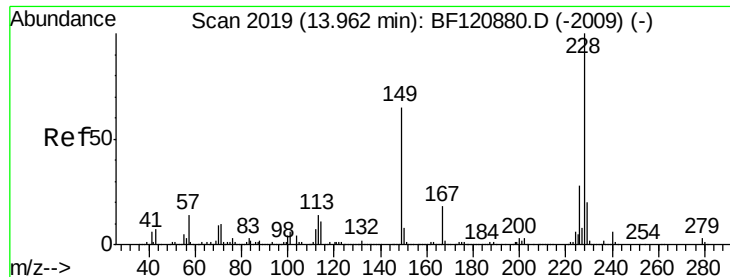
mohammad
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#80
Butylbenzylphthalate
Concen: 38.742 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	55.1	82.7
206	19.3	16.1	24.1





#81

Benzo(a)anthracene

Concen: 34.230 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tot Ion:228 Resp: 1107331

Ion Ratio Lower Upper

228 100

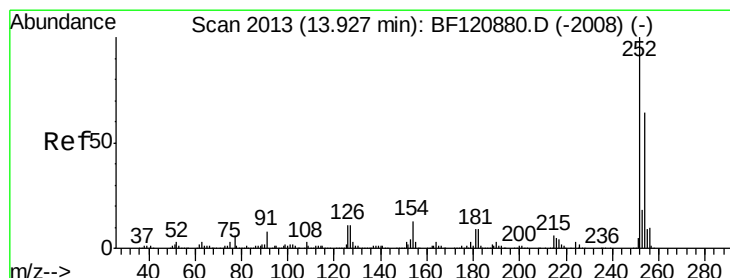
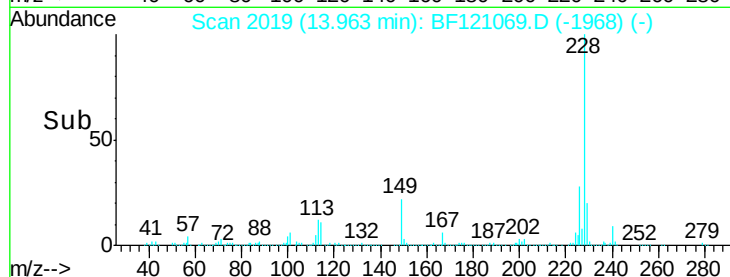
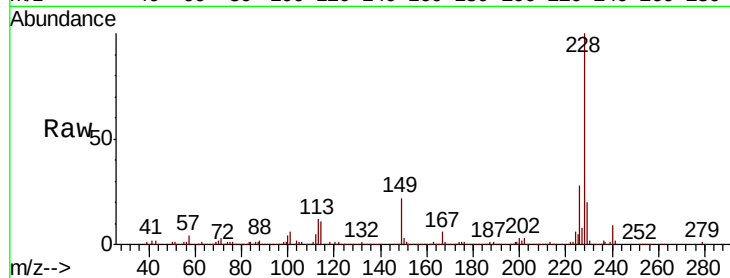
226 27.8 22.3 33.5

229 20.4 16.1 24.1

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#82

3,3'-Dichlorobenzidine

Concen: 28.459 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

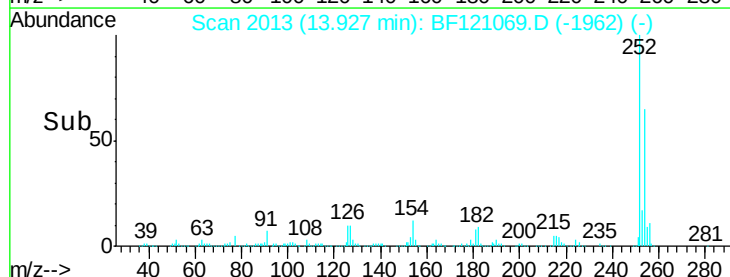
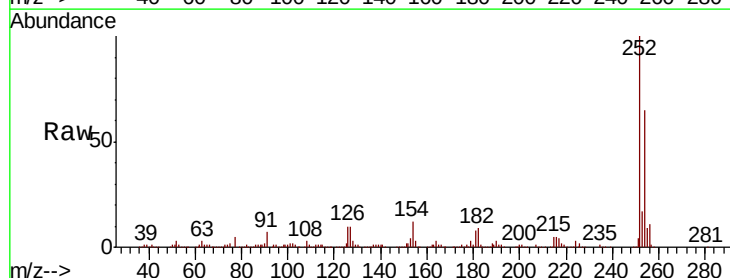
Tgt Ion:252 Resp: 347324

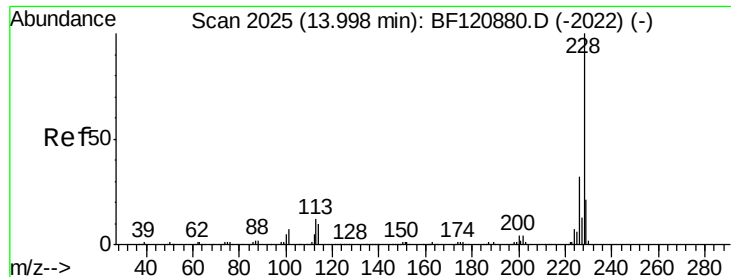
Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

126 10.1 8.7 13.1





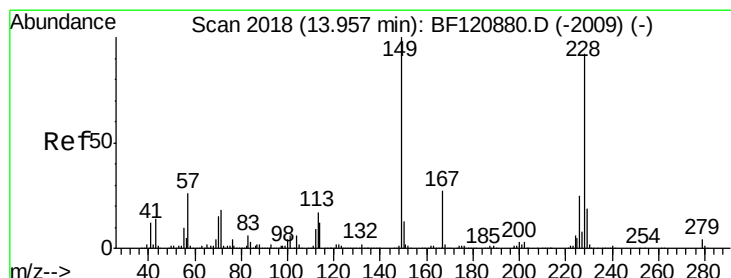
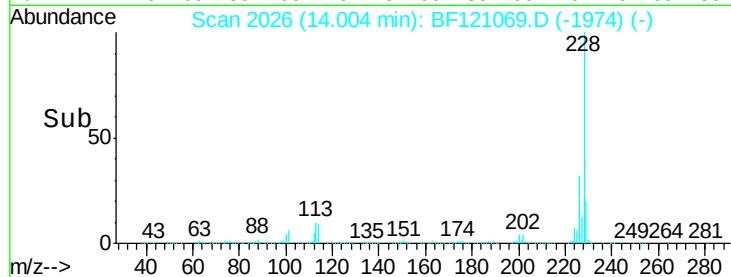
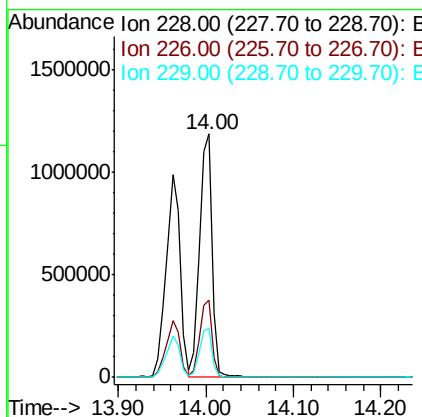
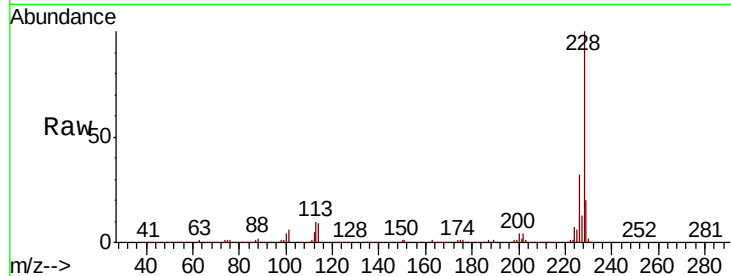
#83
Chrysene
Concen: 35.066 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.6	38.4
229	20.2	16.8	25.2

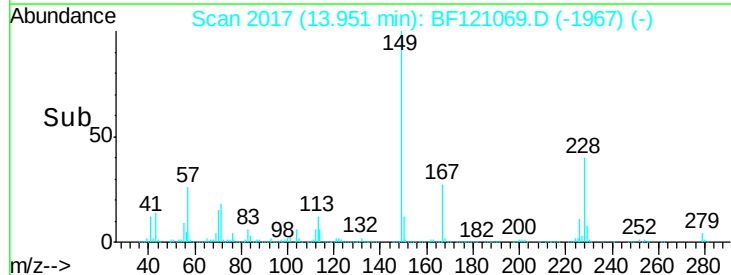
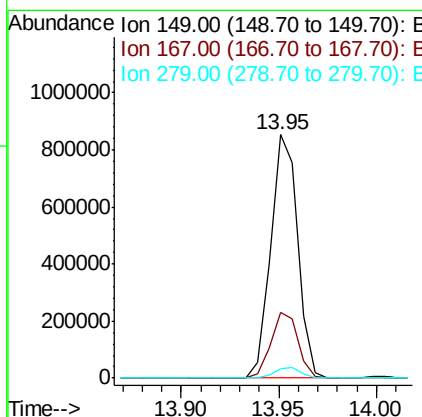
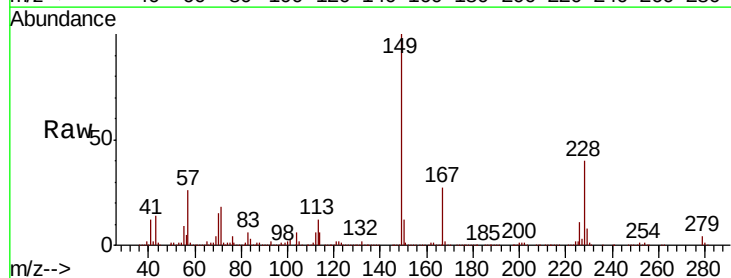
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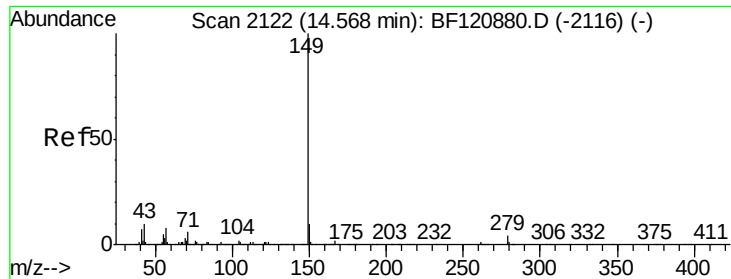
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.241 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.9	32.9
279	3.7	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 38.267 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tot Ion:149 Resp: 1580676

Ion Ratio Lower Upper

149 100

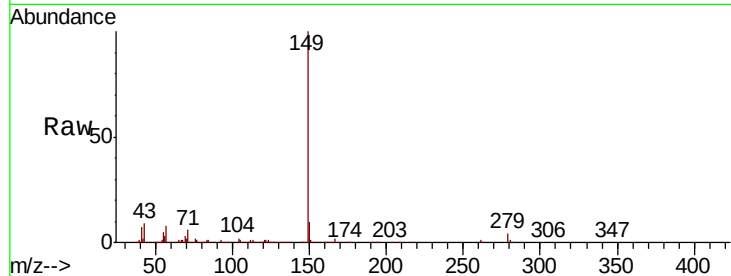
167 1.6 1.3 1.9

43 8.9 7.6 11.4

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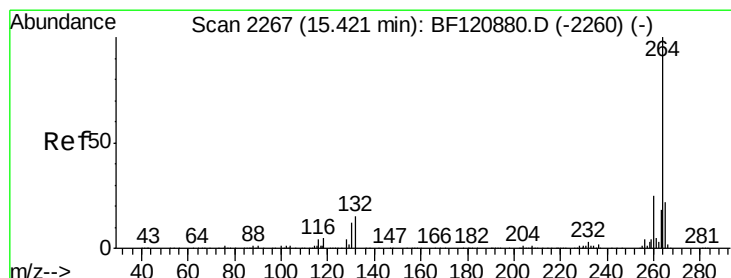
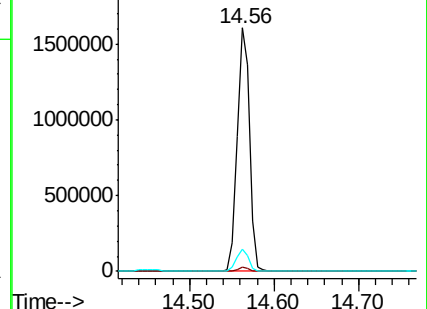
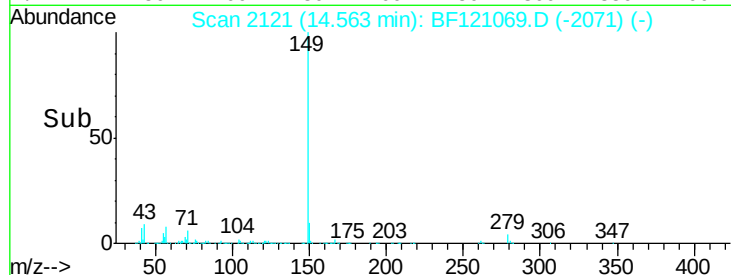
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF121069.D

Acq: 28 Jul 2020 14:53

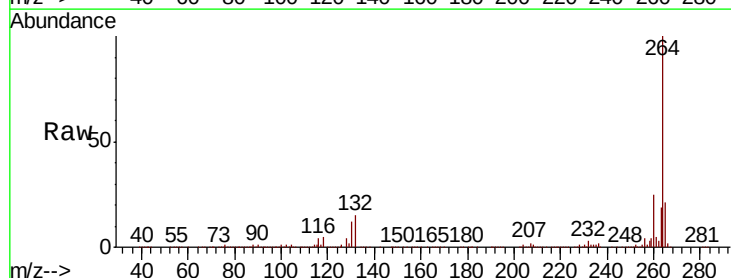
Tgt Ion:264 Resp: 509736

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

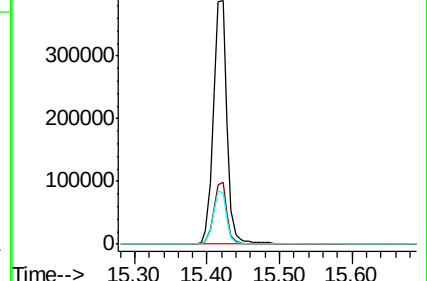
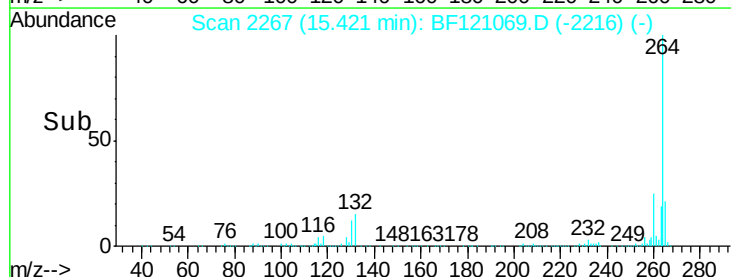
265 21.4 17.4 26.2

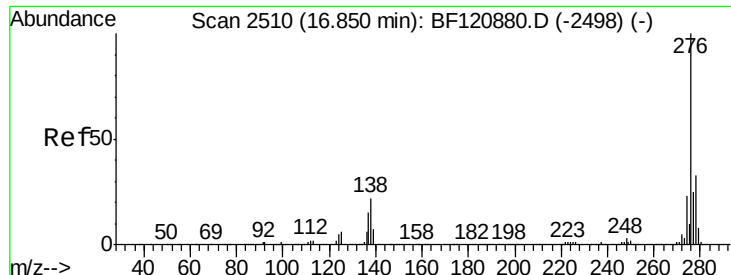


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





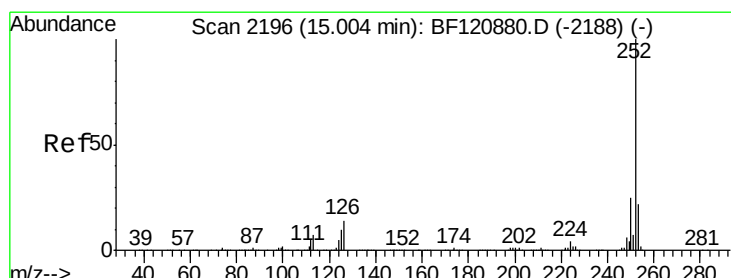
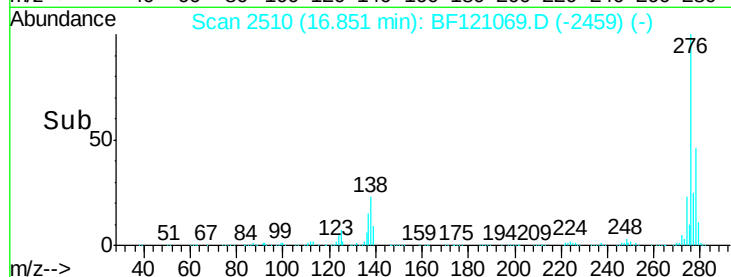
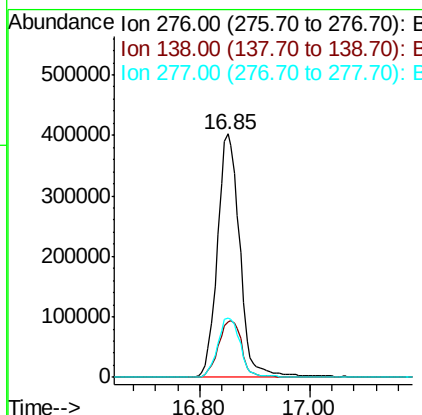
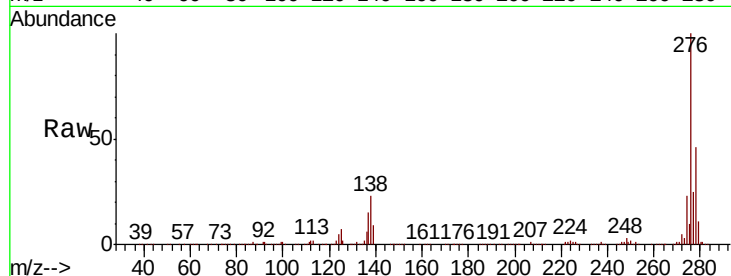
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.264 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Instrument :
 BNA_F
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.1	20.2	30.2

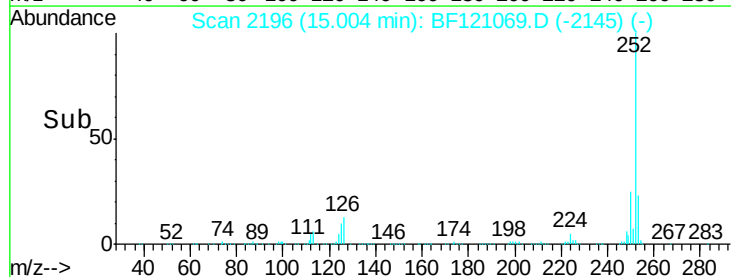
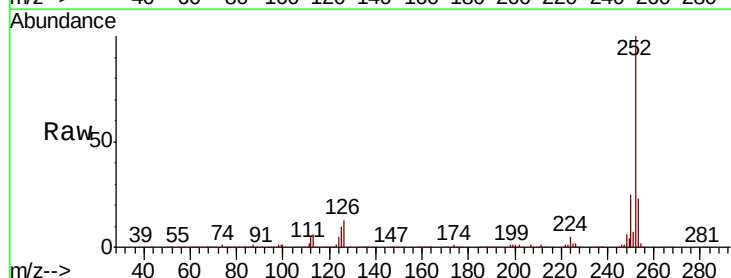
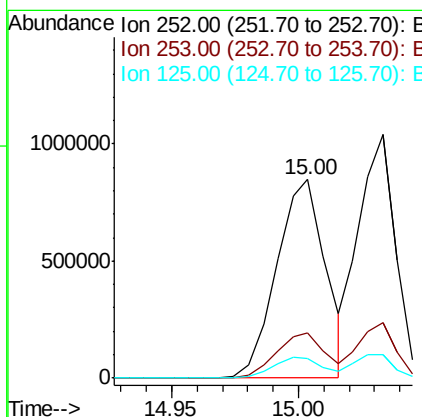
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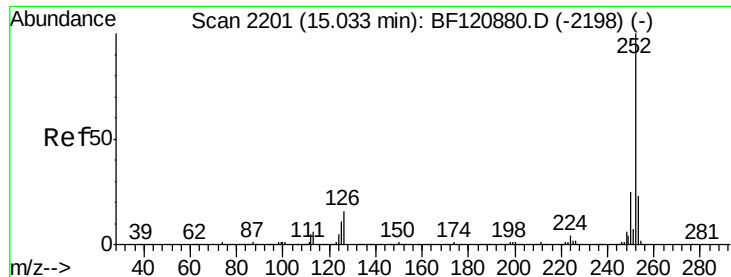
mohammad
 7/29/2020 11:47:18 AM



#88
 Benzo(b)fluoranthene
 Concen: 36.976 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121069.D
 Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.9	8.3	12.5





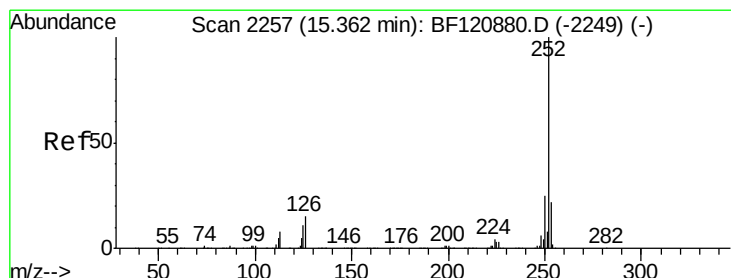
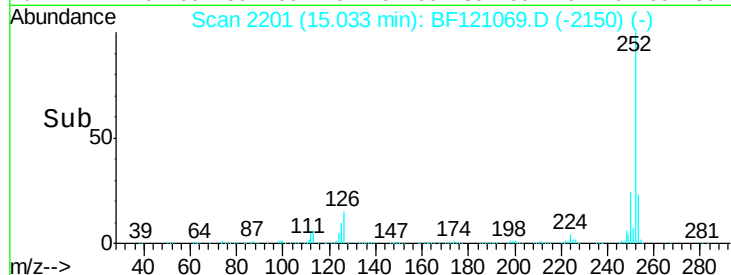
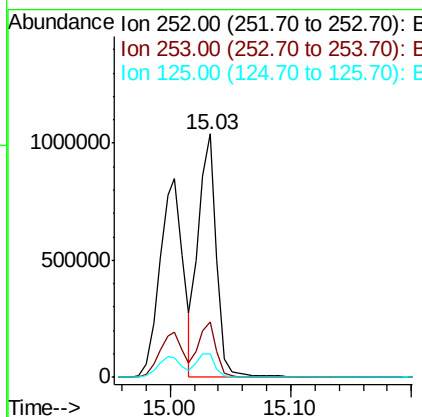
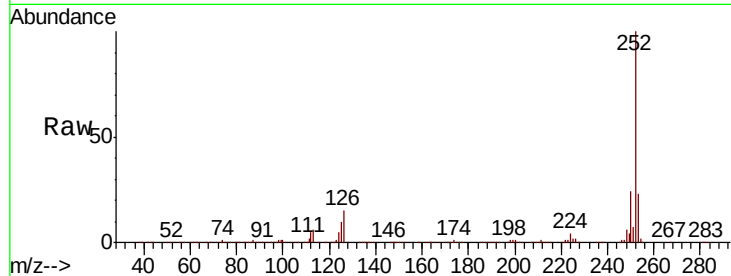
#89
Benzo(k)fluoranthene
Concen: 38.445 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.9	8.4	12.6

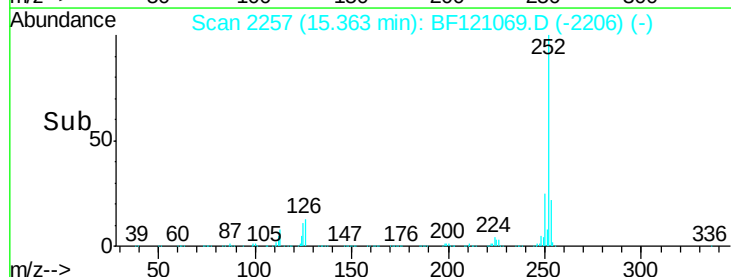
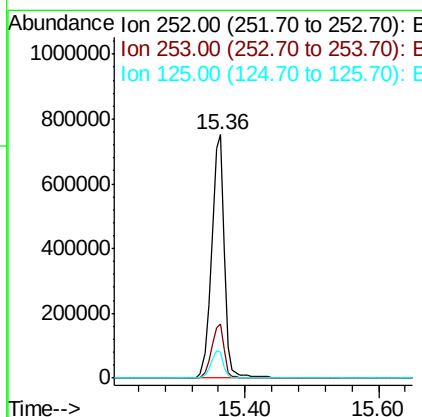
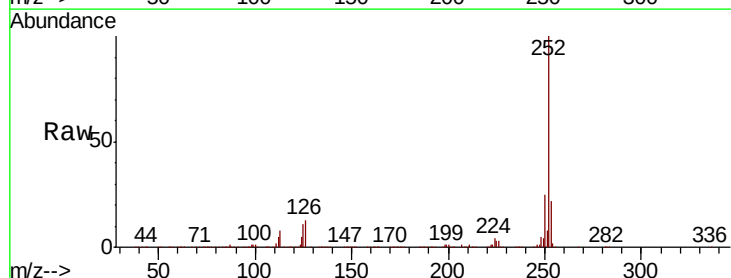
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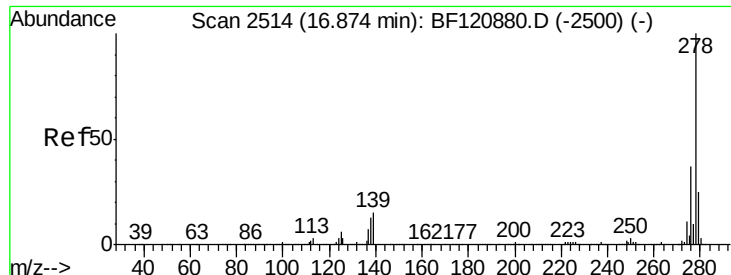
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#90
Benzo(a)pyrene
Concen: 35.643 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.7	8.9	13.3





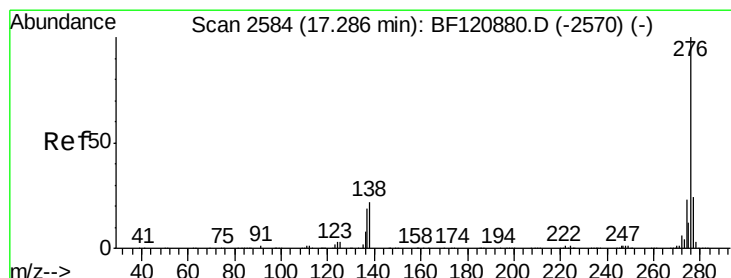
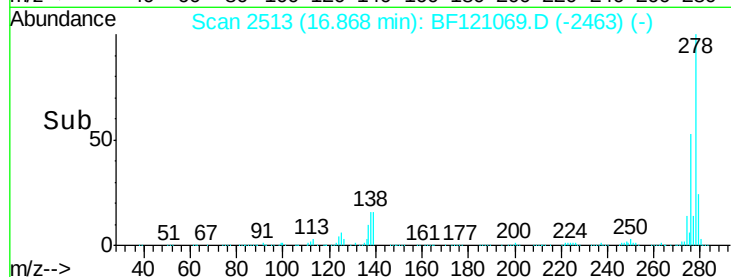
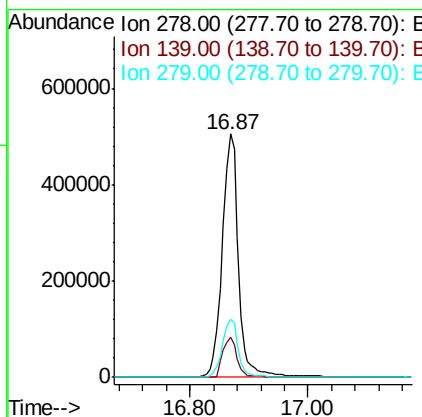
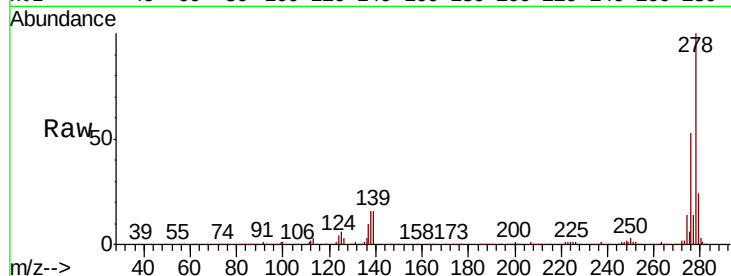
#91
Dibenzo(a,h)anthracene
Concen: 33.388 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.3	18.5
279	24.1	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 33.113 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF121069.D
Acq: 28 Jul 2020 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.0	17.5	26.3

