

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121574.D
 Acq On : 15 Sep 2020 13:26
 Operator : JU/CG
 Sample : L3943-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:41 AM

Quant Time: Sep 15 14:14:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	205243	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	754318	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	432868	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	759224	20.00	ng	0.00
76) Chrysene-d12	14.00	240	653532	20.00	ng	0.00
86) Perylene-d12	15.44	264	548338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1173148	84.95	ng	0.02
7) Phenol-d6	6.48	99	1548560	85.47	ng	0.02
23) Nitrobenzene-d5	7.40	82	1082815	77.07	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	457410	85.02	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1853121	64.84	ng	0.00
79) Terphenyl-d14	12.94	244	2079897	64.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	235875	37.176	ng	100
3) Pyridine	3.40	79	670748	38.241	ng	98
4) n-Nitrosodimethylamine	3.36	42	336402	41.347	ng	100
6) Aniline	6.50	93	568258	24.081	ng	# 83
8) 2-Chlorophenol	6.62	128	606417	43.127	ng	100
9) Benzaldehyde	6.38	77	324186	27.370	ng	99
10) Phenol	6.49	94	753129	39.034	ng	81
11) bis(2-Chloroethyl)ether	6.57	93	627758	43.169	ng	99
12) 1,3-Dichlorobenzene	6.77	146	632453	40.298	ng	99
13) 1,4-Dichlorobenzene	6.85	146	636523	40.391	ng	99
14) 1,2-Dichlorobenzene	7.00	146	615308	42.385	ng	99
15) Benzyl Alcohol	6.98	79	535197	43.458	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	953526	40.748	ng	87
17) 2-Methylphenol	7.10	107	492034	41.126	ng	94
18) Hexachloroethane	7.35	117	228398	40.477	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	426192	40.814	ng	100
20) 3+4-Methylphenols	7.25	107	580445	40.380	ng	# 88
22) Acetophenone	7.25	105	798020	41.697	ng	97
24) Nitrobenzene	7.42	77	651526	42.878	ng	98
25) Isophorone	7.66	82	1189635	42.065	ng	100
26) 2-Nitrophenol	7.73	139	302918	42.648	ng	95
27) 2,4-Dimethylphenol	7.77	122	495761	39.271	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	707645	40.418	ng	99
29) 2,4-Dichlorophenol	7.98	162	464142	40.367	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	479982	39.637	ng	98
31) Naphthalene	8.14	128	1544523	38.788	ng	100
32) Benzoic acid	7.92	122	356562	39.322	ng	97
33) 4-Chloroaniline	8.19	127	326380	18.909	ng	99
34) Hexachlorobutadiene	8.26	225	286602	40.322	ng	100
35) Caprolactam	8.57	113	155156m	40.521	ng	
36) 4-Chloro-3-methylphenol	8.68	107	510144	41.186	ng	100
37) 2-Methylnaphthalene	8.83	142	1099214	42.123	ng	99
38) 1-Methylnaphthalene	8.93	142	1036250	42.668	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	512250	37.884	ng	99

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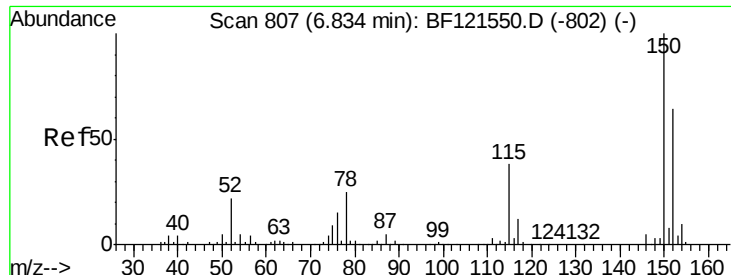
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Quant Time: Sep 15 14:14:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	418388	54.183	nq	100
43) 2,4,6-Trichlorophenol	9.11	196	364795	39.581	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	390588	40.088	nq	95
46) 1,1'-Biphenyl	9.29	154	1291912	37.280	nq	100
47) 2-Chloronaphthalene	9.32	162	955266	34.981	nq	99
48) 2-Nitroaniline	9.42	65	367399	43.295	nq	99
49) Acenaphthylene	9.73	152	1623327	38.689	nq	99
50) Dimethylphthalate	9.60	163	1632183	52.024	nq	98
51) 2,6-Dinitrotoluene	9.66	165	288767	43.219	nq #	88
52) Acenaphthene	9.91	154	1098655m	41.457	nq	
53) 3-Nitroaniline	9.83	138	203354	26.273	nq	98
54) 2,4-Dinitrophenol	9.93	184	226468	61.168	nq	95
55) Dibenzofuran	10.08	168	1428389	38.273	nq	100
56) 4-Nitrophenol	10.01	139	500552	81.090	nq	92
57) 2,4-Dinitrotoluene	10.06	165	382630	45.520	nq	98
58) Fluorene	10.42	166	1046876	36.681	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	325362	41.076	nq	98
60) Diethylphthalate	10.30	149	1181568	38.628	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	506661	37.059	nq	96
62) 4-Nitroaniline	10.45	138	266422	34.667	nq	98
63) Azobenzene	10.57	77	1192030	36.594	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	154458	35.273	nq	99
66) n-Nitrosodiphenylamine	10.53	169	1011667	38.840	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	345131	39.927	nq	95
68) Hexachlorobenzene	10.97	284	385084	39.475	nq	97
69) Atrazine	11.06	200	252363	38.998	nq	97
70) Pentachlorophenol	11.17	266	413602	77.202	nq	99
71) Phenanthrene	11.38	178	1613044	38.995	nq	100
72) Anthracene	11.43	178	1621009	37.974	nq	100
73) Carbazole	11.59	167	1626757	42.230	nq	99
74) Di-n-butylphthalate	11.92	149	2024601	45.537	nq	100
75) Fluoranthene	12.57	202	1923491	43.560	nq	99
77) Benzidine	12.69	184	492168	22.716	nq	99
78) Pyrene	12.80	202	1912943	40.062	nq	99
80) Butylbenzylphthalate	13.42	149	912851	47.270	nq	99
81) Benzo(a)anthracene	13.99	228	1629508	39.412	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	538700	33.374	nq	99
83) Chrysene	14.02	228	1625527	38.825	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1210334	46.915	nq	100
85) Di-n-octyl phthalate	14.59	149	2173177	47.732	nq	100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1526536	42.749	nq	100
88) Benzo(b)fluoranthene	15.03	252	1710219	46.655	nq	100
89) Benzo(k)fluoranthene	15.06	252	1307582	38.953	nq	99
90) Benzo(a)pyrene	15.39	252	1299046	41.690	nq	100
91) Dibenzo(a,h)anthracene	16.92	278	1248896	42.014	nq	99
92) Benzo(g,h,i)perylene	17.34	276	1285682	44.001	nq	98

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



#1

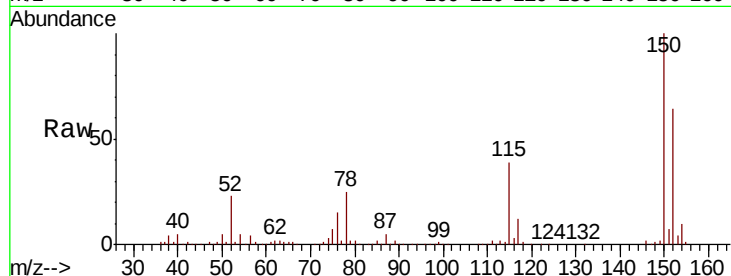
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.8	188.6
115	62.1	47.8	71.8

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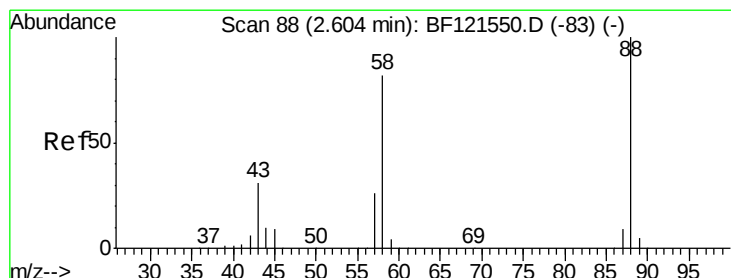
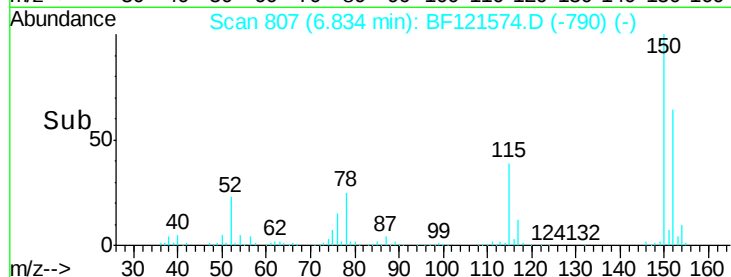
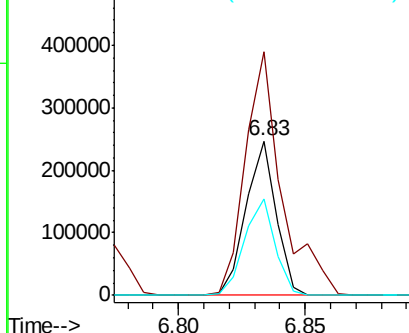


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

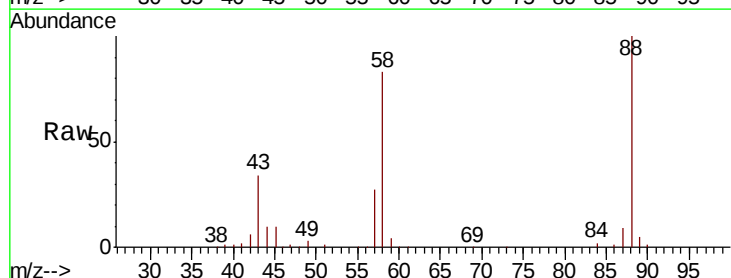
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.176 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	65.1	97.7
43	30.6	25.0	37.4

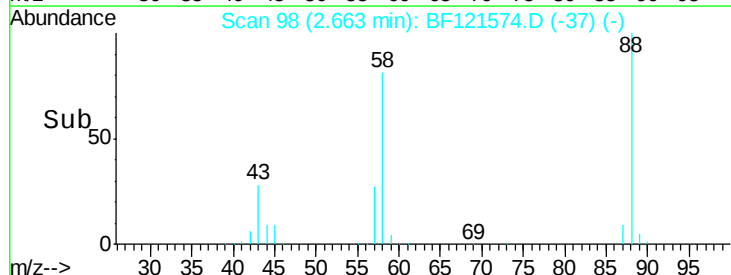
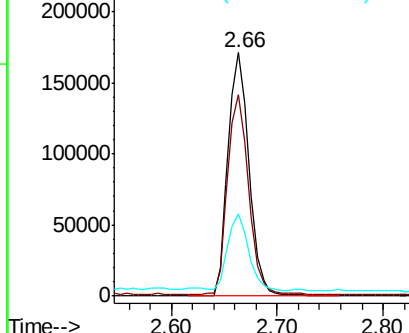


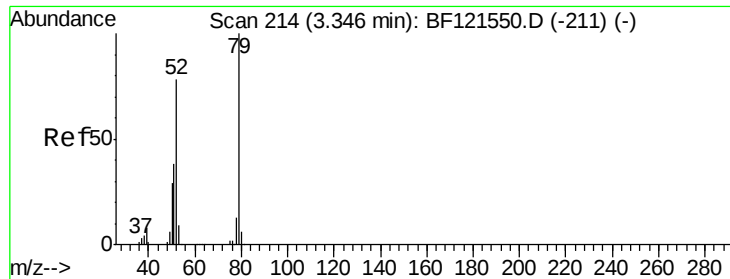
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.241 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.06 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

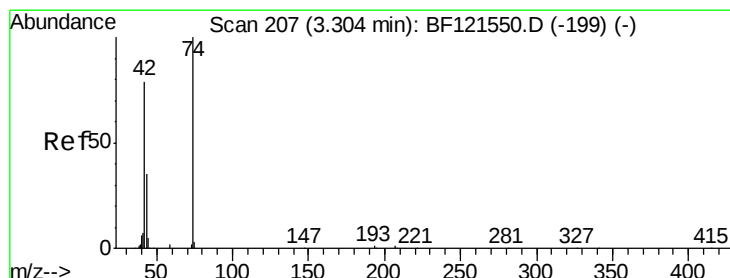
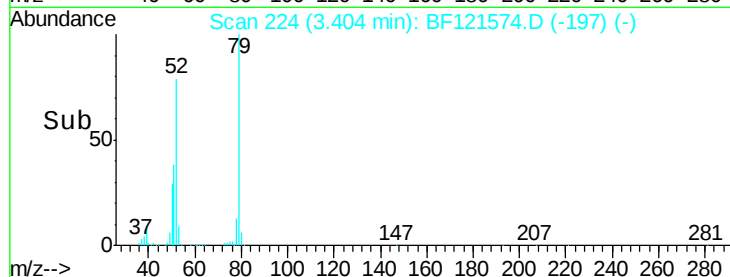
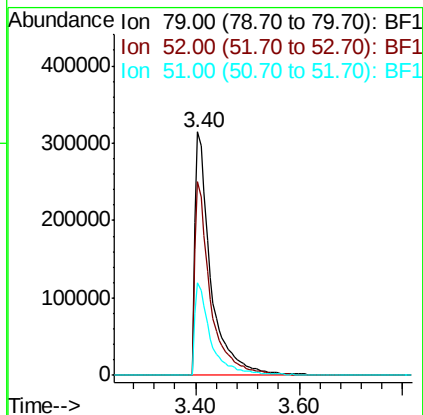
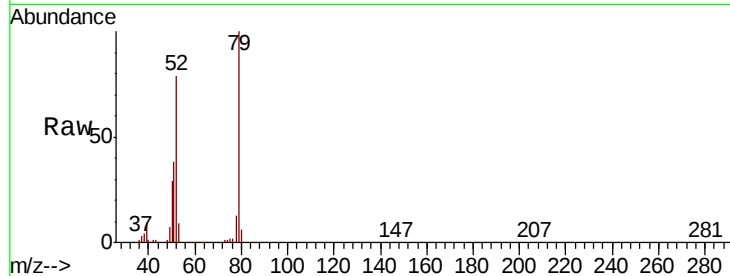
ClientSampleId :

357MSD

Tot Ion:	79	Resp:	670748
Ion	Ratio	Lower	Upper
79	100		
52	79.4	62.2	93.2
51	37.8	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 41.347 ng

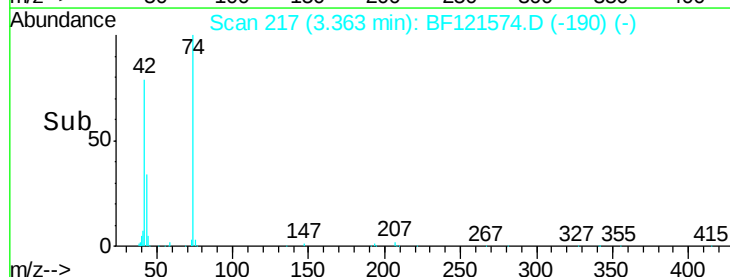
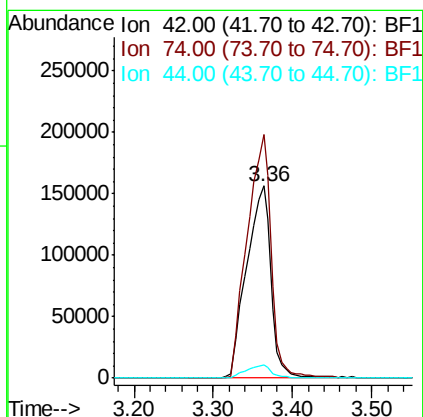
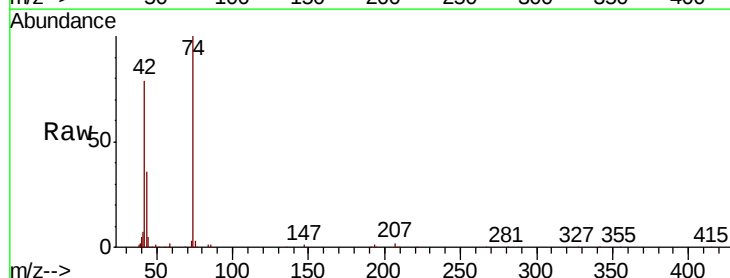
RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	42	Resp:	336402
Ion	Ratio	Lower	Upper
42	100		
74	126.7	101.7	152.5
44	6.7	5.4	8.2





#5

2-Fluorophenol

Concen: 84.945 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion: 112 Resp: 1173148

Ion Ratio Lower Upper

112 100

64 63.6 50.3 75.5

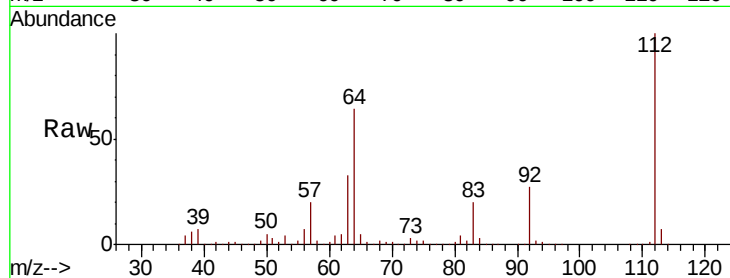
63 32.6 25.6 38.4

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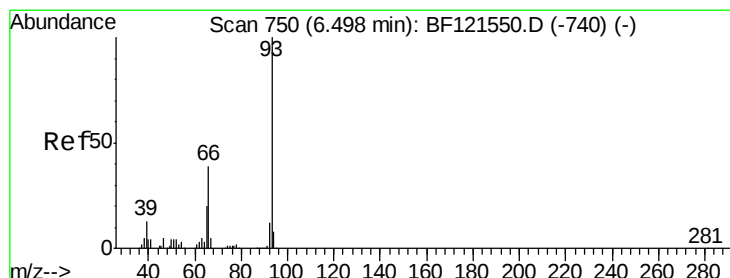
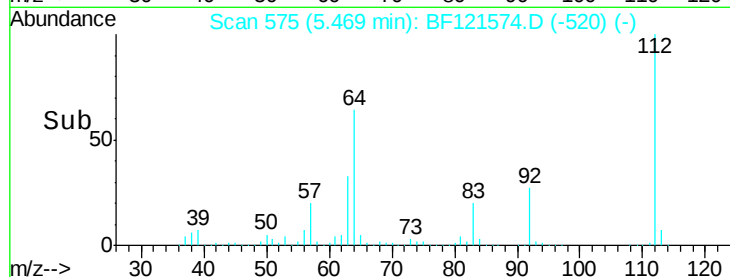
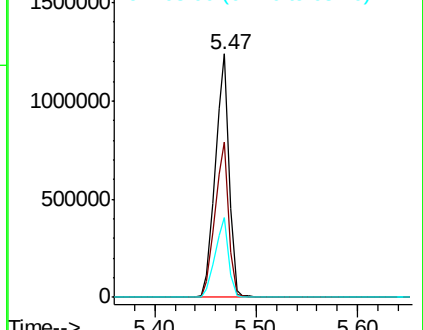
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.081 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

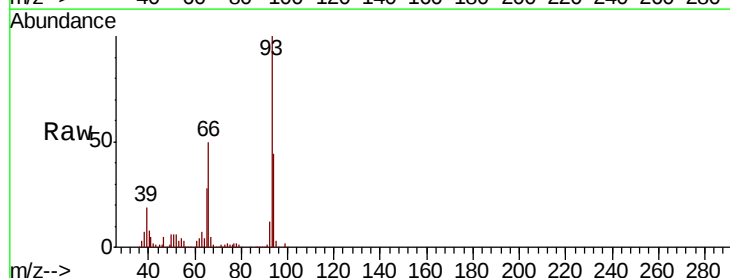
Tgt Ion: 93 Resp: 568258

Ion Ratio Lower Upper

93 100

66 50.3 31.8 47.8#

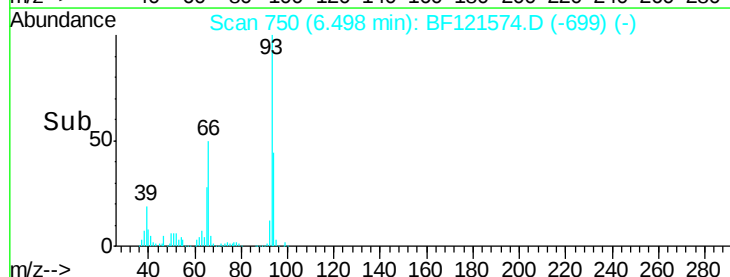
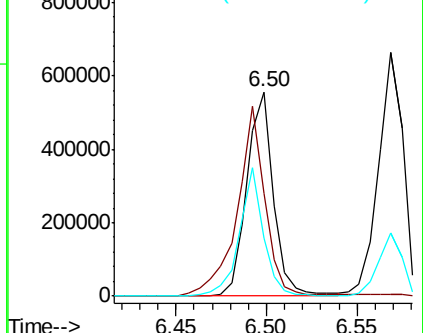
65 28.1 16.2 24.2#

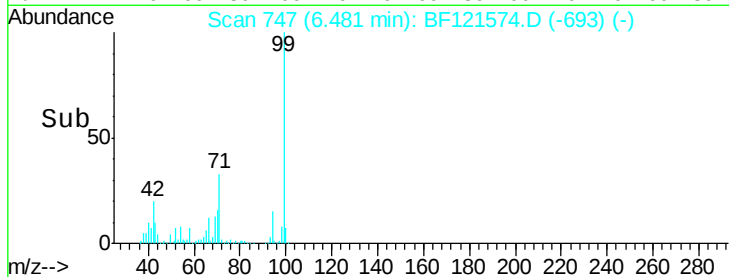
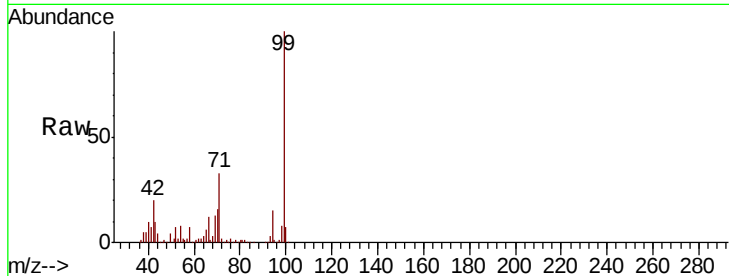
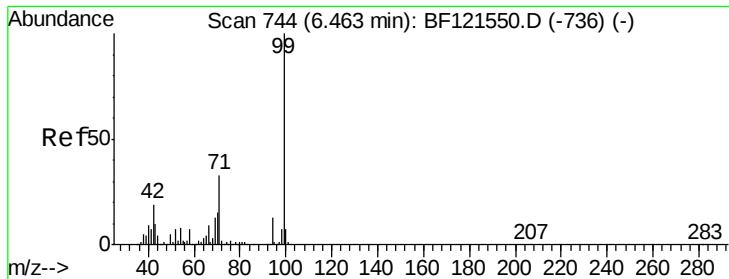


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.468 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tot Ion:	99	Resp:	1548560
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.5	23.3
71	33.3	26.1	39.1

Instrument :

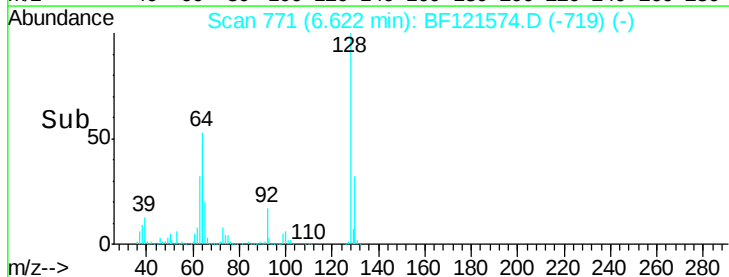
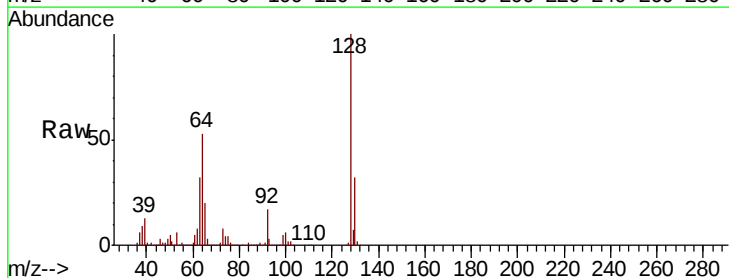
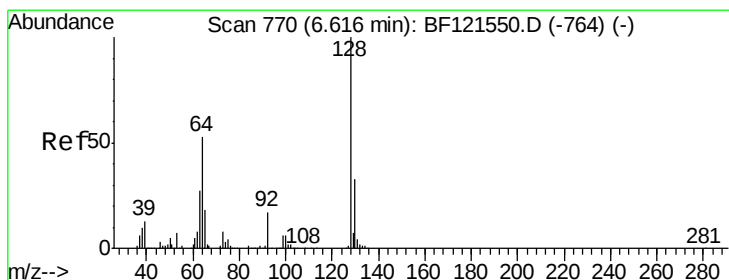
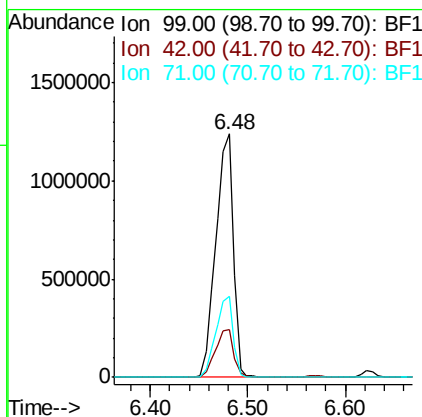
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#8

2-Chlorophenol

Concen: 43.127 ng

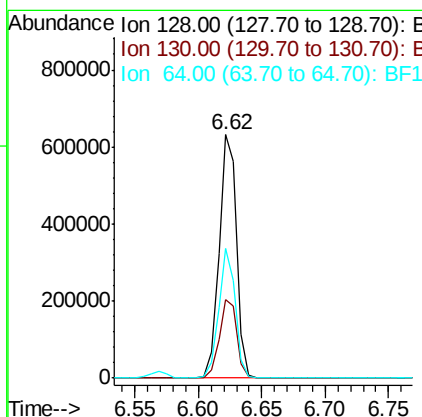
RT: 6.62 min Scan# 771

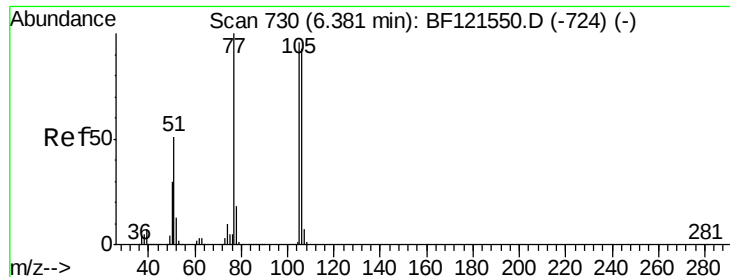
Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	128	Resp:	606417
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	53.4	33.1	73.1





#9

Benzaldehyde

Concen: 27.370 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

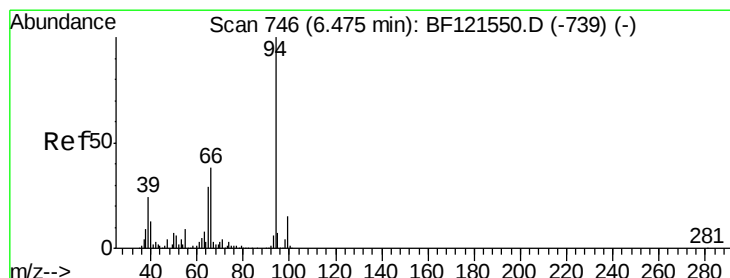
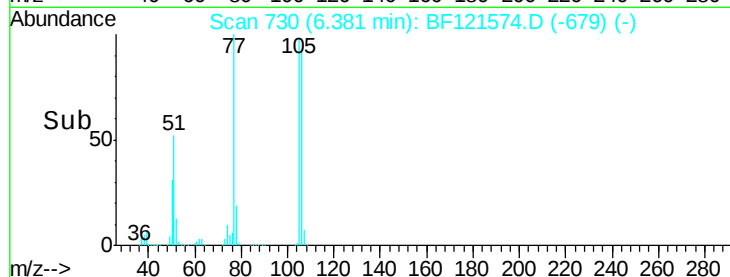
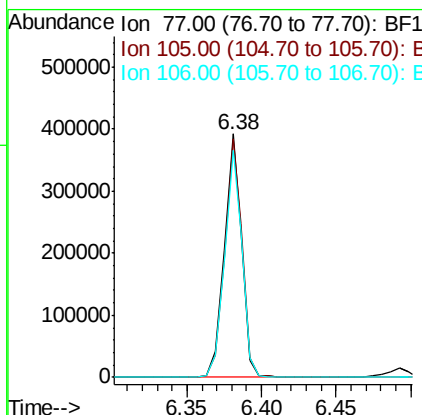
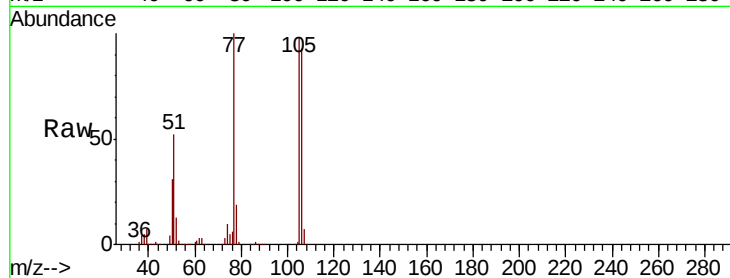
ClientSampleId :

357MSD

Tot Ion:	77	Resp:	324186
Ion	Ratio	Lower	Upper
77	100		
105	97.8	76.4	116.4
106	93.0	73.5	113.5

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#10

Phenol

Concen: 39.034 ng

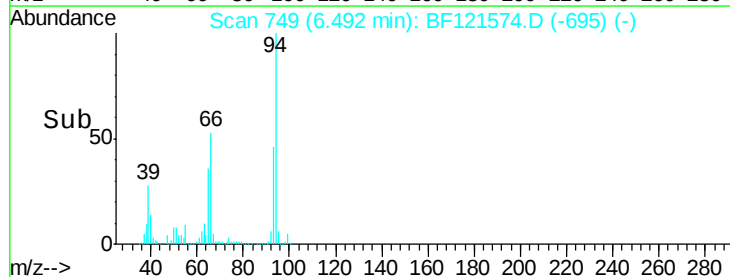
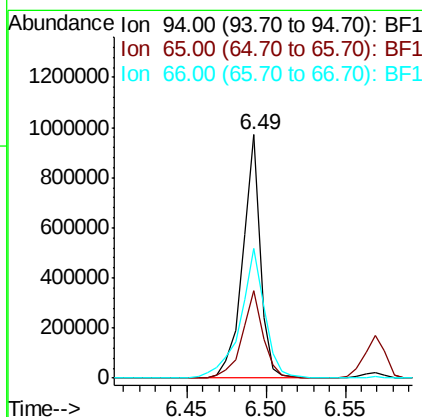
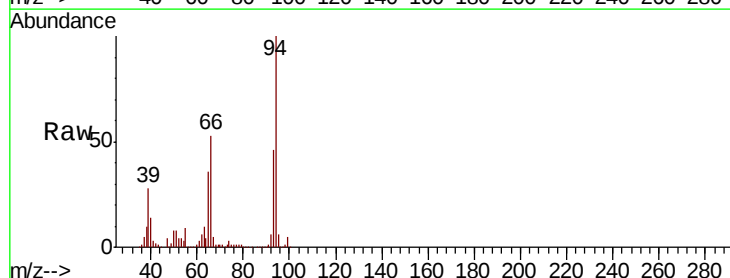
RT: 6.49 min Scan# 749

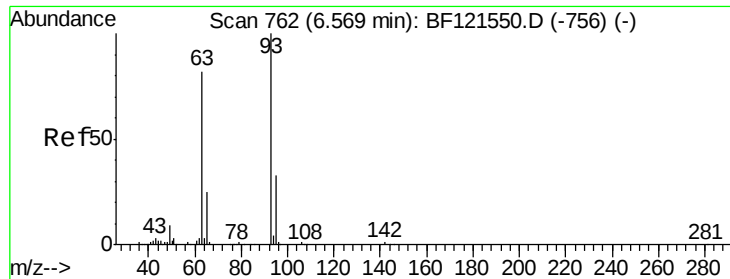
Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	94	Resp:	753129
Ion	Ratio	Lower	Upper
94	100		
65	36.1	9.4	49.4
66	53.4	18.3	58.3





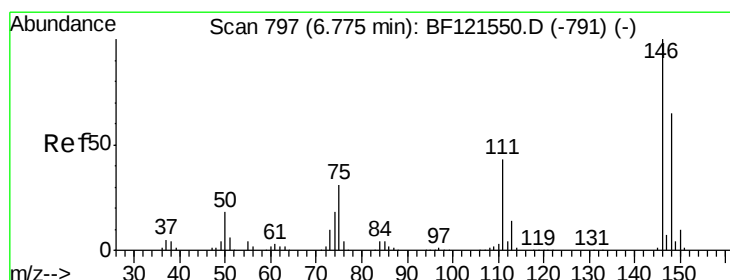
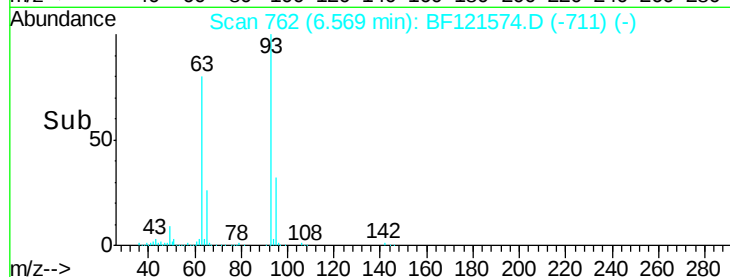
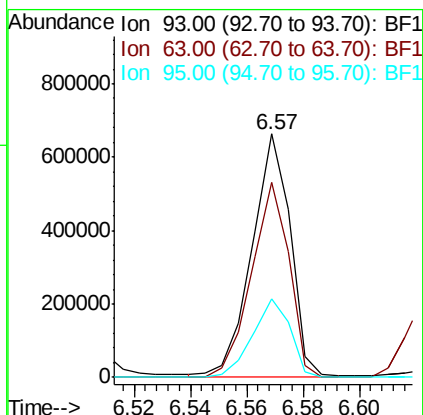
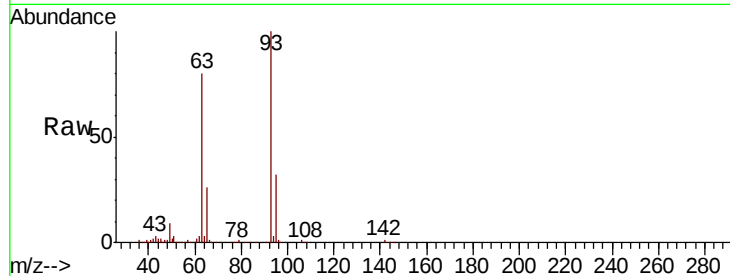
#11
bis(2-Chloroethyl)ether
Concen: 43.169 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:	93	Resp:	627758
Ion	Ratio	Lower	Upper
93	100		
63	80.1	61.7	101.7
95	32.3	12.7	52.7

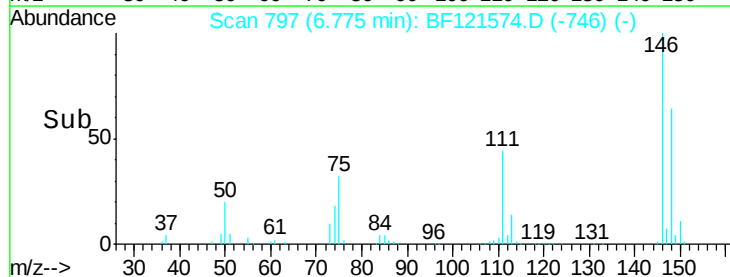
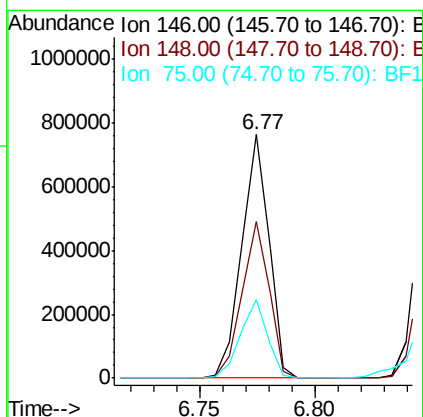
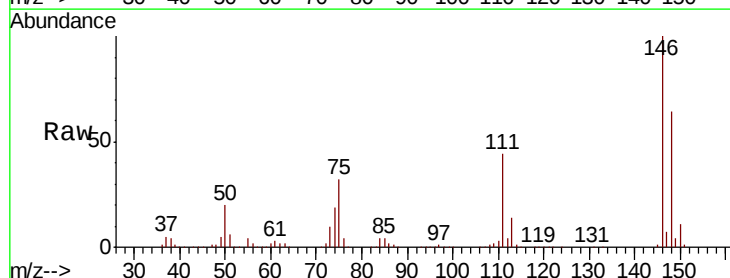
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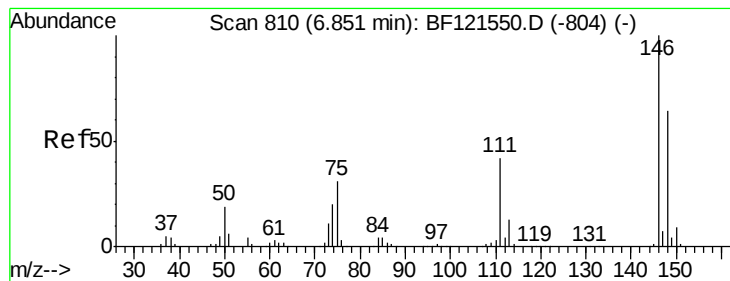
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.298 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:	146	Resp:	632453
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	32.1	24.6	36.8





#13

1,4-Dichlorobenzene

Concen: 40.391 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

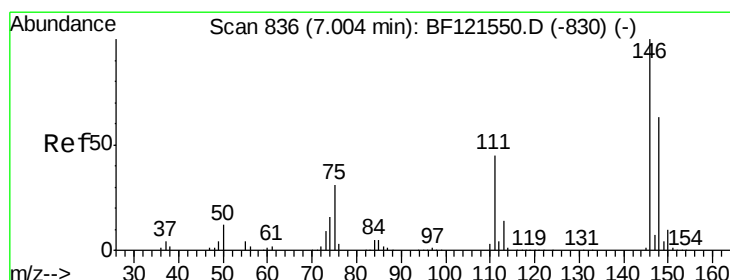
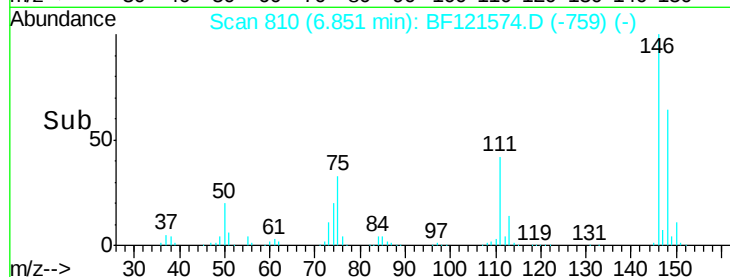
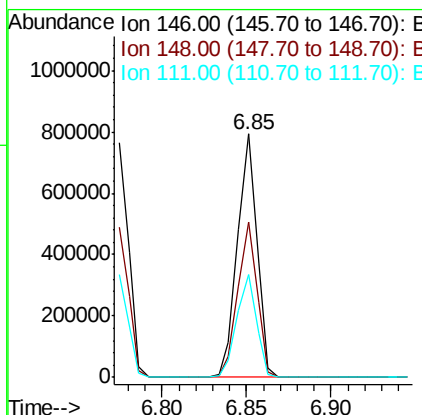
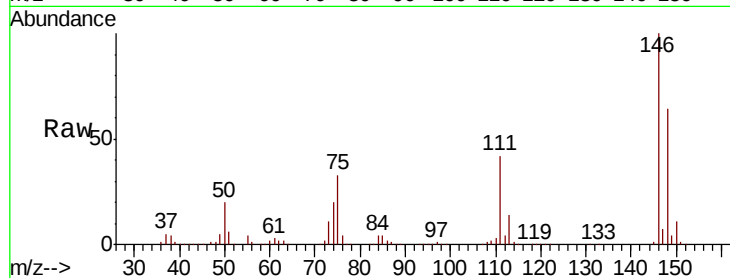
ClientSampleId :

357MSD

Tot Ion:	146	Resp:	636523
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.2	76.8
111	42.5	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 42.385 ng

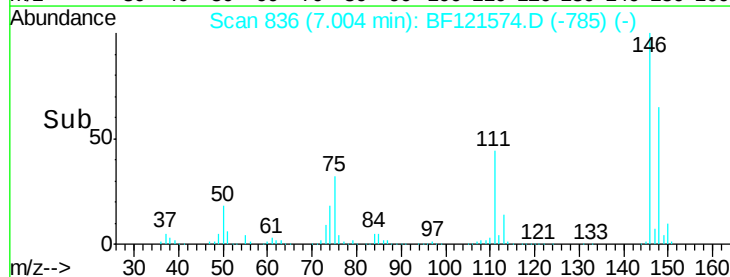
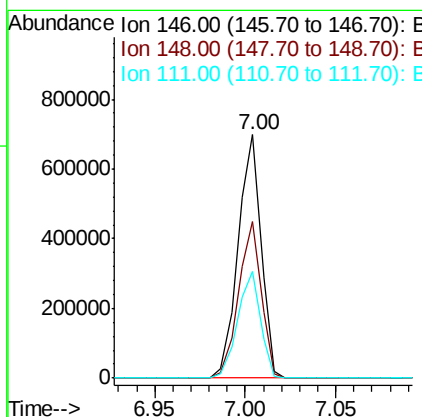
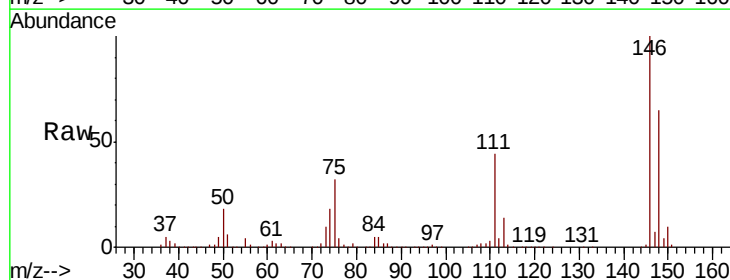
RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	146	Resp:	615308
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.7	76.1
111	43.8	35.8	53.6





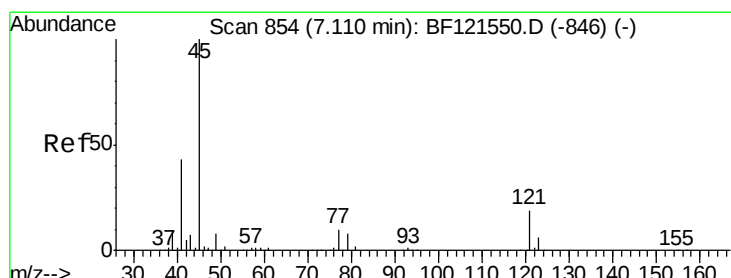
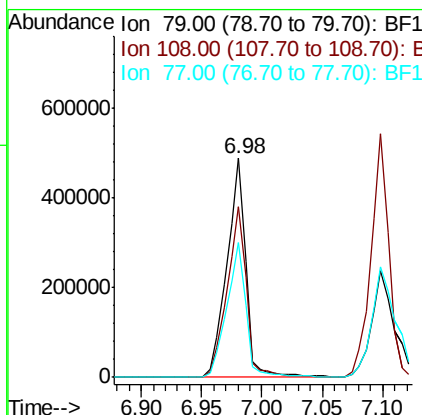
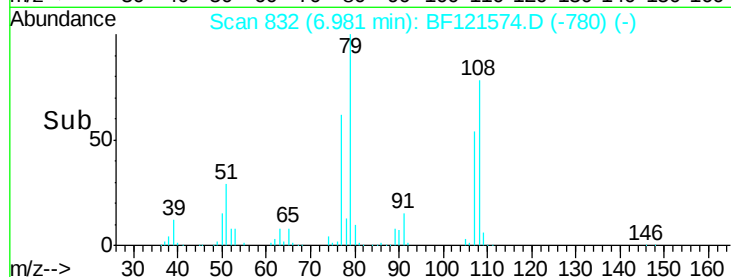
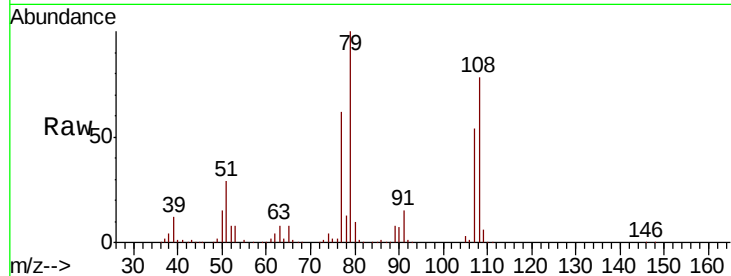
#15
Benzyl Alcohol
Concen: 43.458 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampled :
357MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	63.1	94.7
77	61.8	50.2	75.2

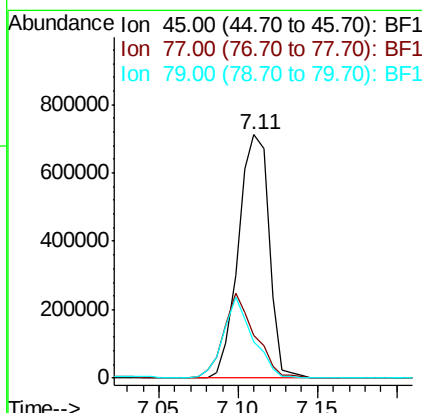
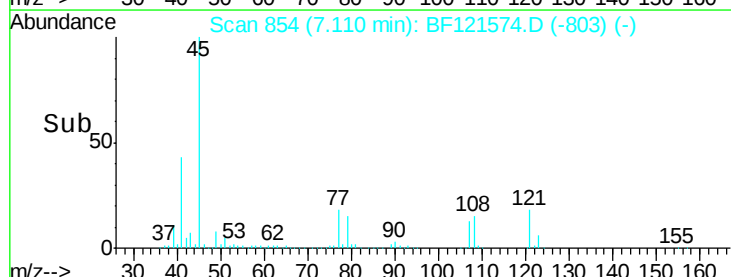
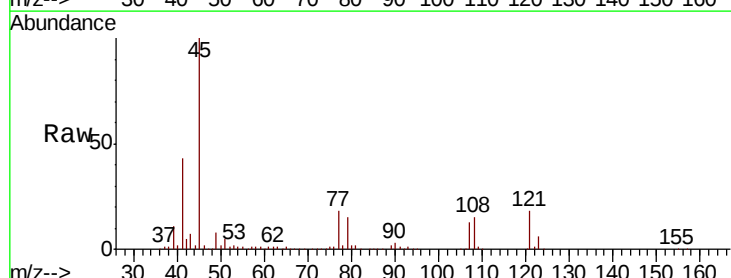
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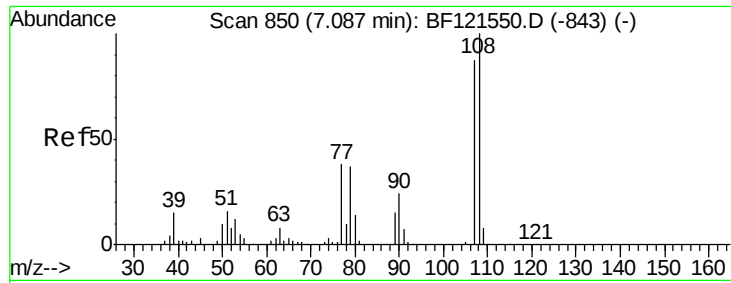
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.748 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	32.5
79	14.7	0.0	29.8





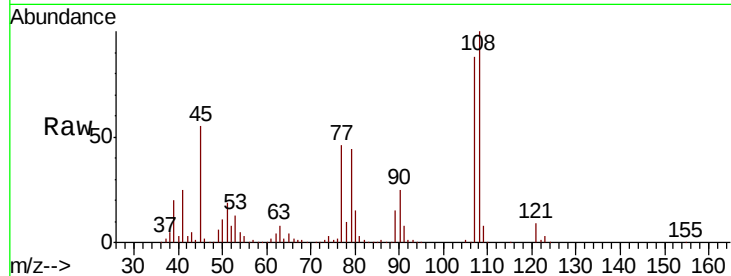
#17
2-Methylphenol
Concen: 41.126 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	92.1	138.1	
77	51.5	35.5	53.3	
79	49.7	34.5	51.7	

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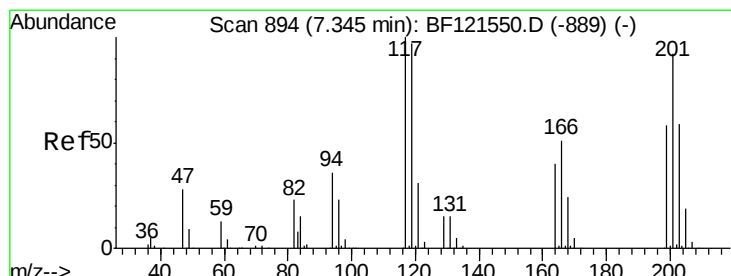
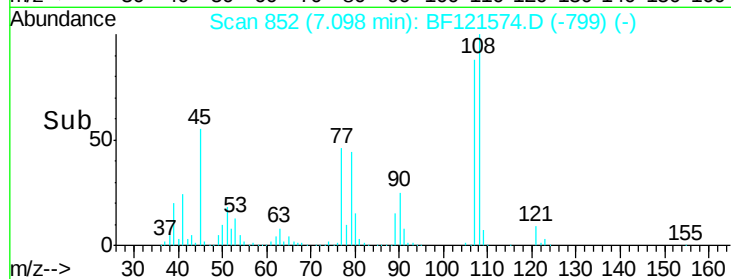
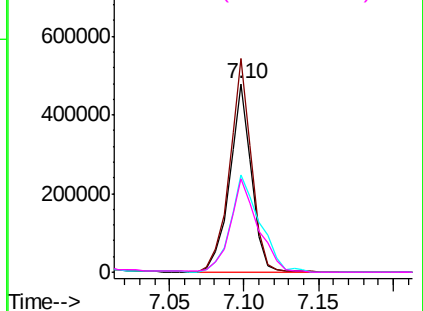
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

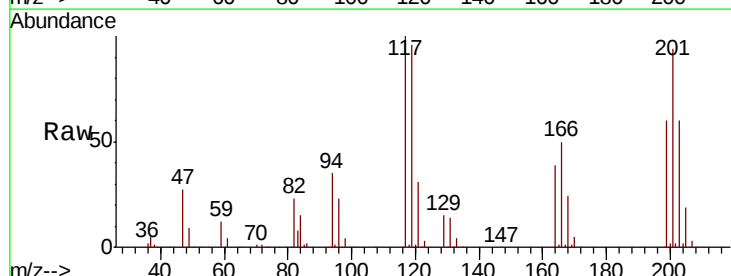
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.477 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.2	115.8	
201	93.7	73.7	110.5	

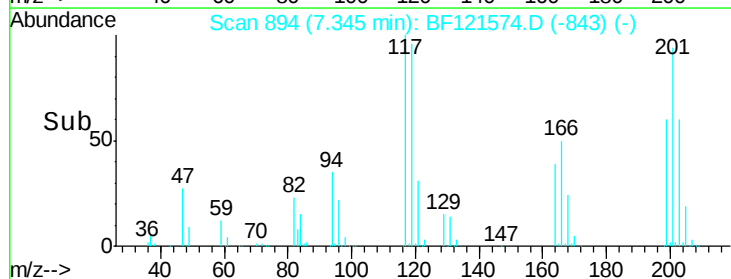
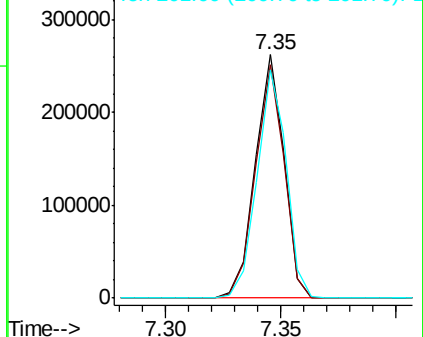


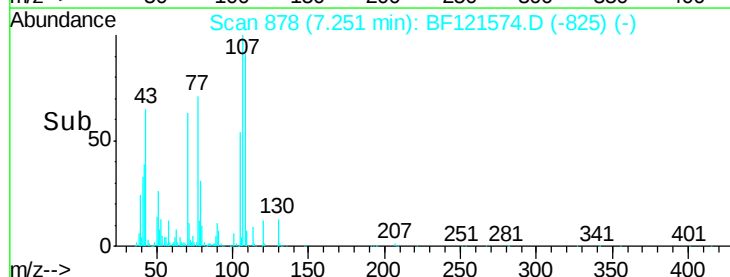
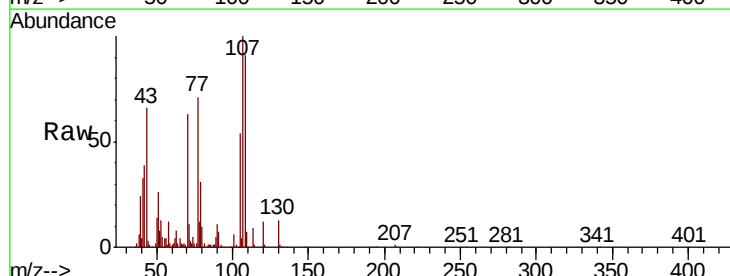
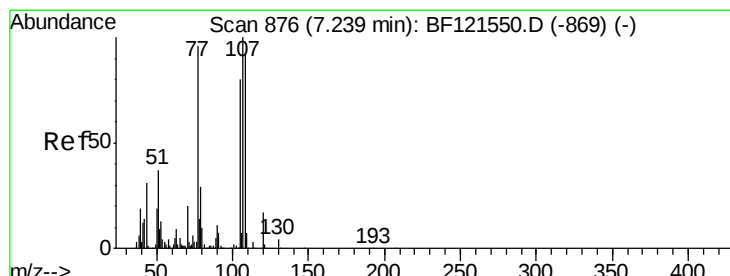
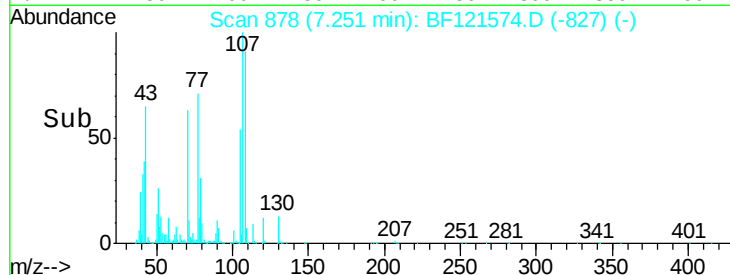
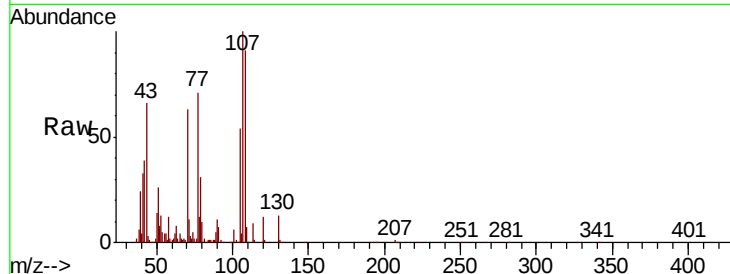
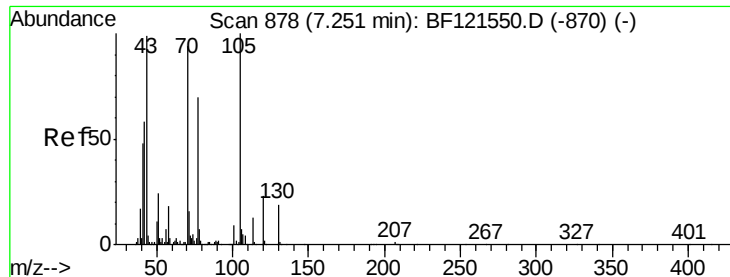
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





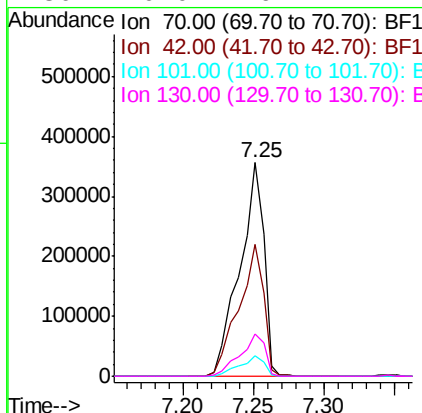
#19
n-Nitroso-di-n-propylamine
Concen: 40.814 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampled :
357MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.4	74.2
101	9.7	7.6	11.4
130	20.0	16.2	24.4

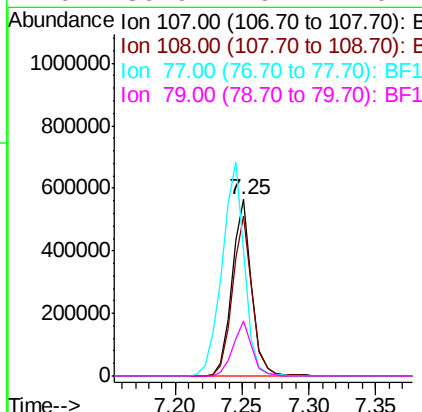
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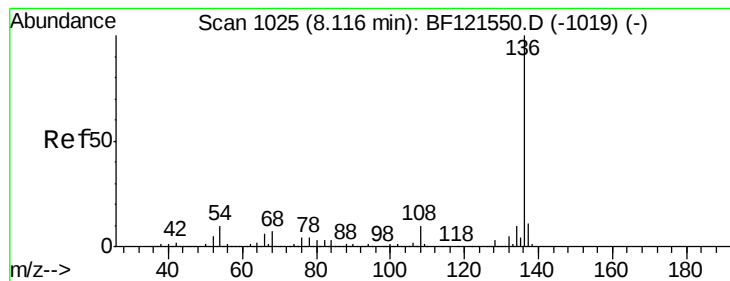
mohammad
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#20
3+4-Methylphenols
Concen: 40.380 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.8	111.8
77	71.2	75.5	115.5#
79	30.9	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

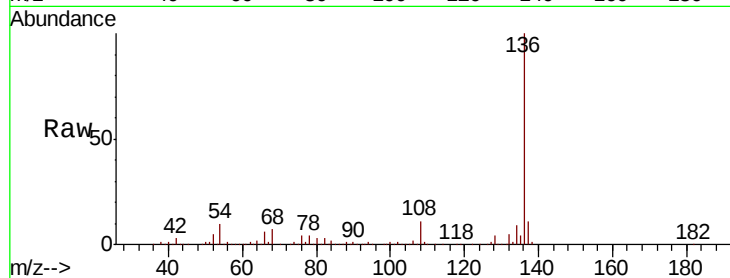
ClientSampleId :

357MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	754318		
137	11.1		9.0	13.6
54	9.9		7.6	11.4
68	6.9		5.7	8.5

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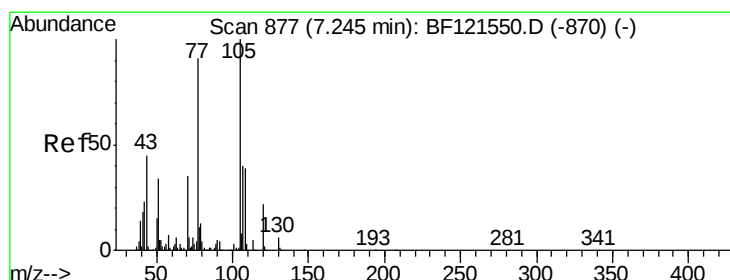
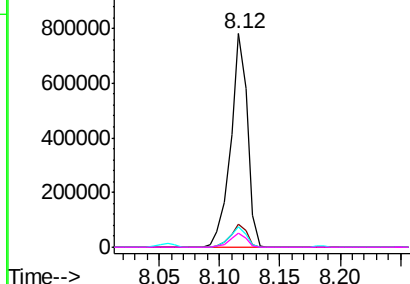
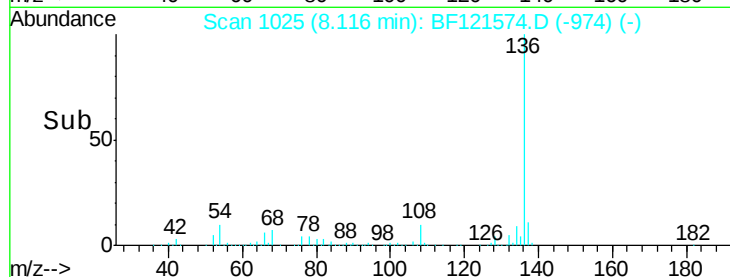


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.697 ng

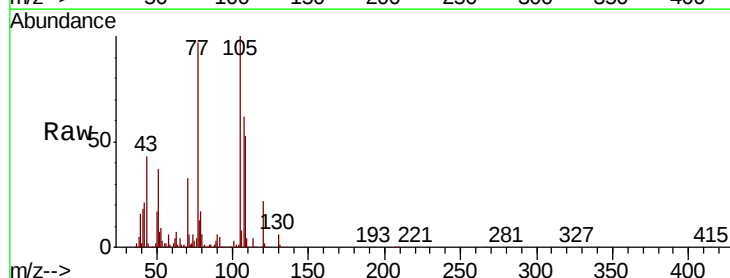
RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	798020		
71	5.7		4.6	7.0
51	37.1		27.6	41.4
120	21.9		17.4	26.2

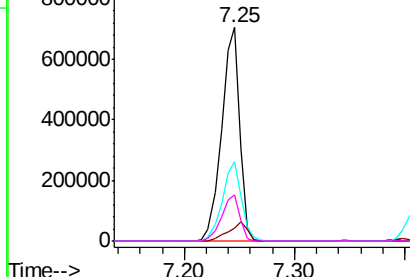
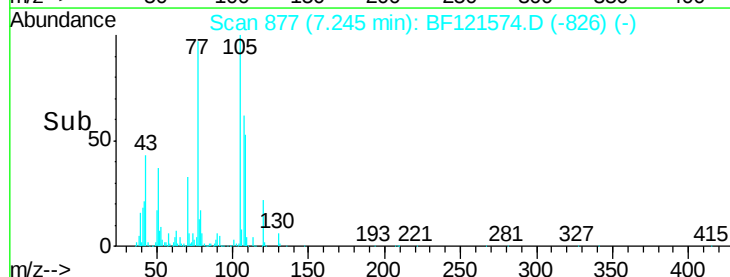


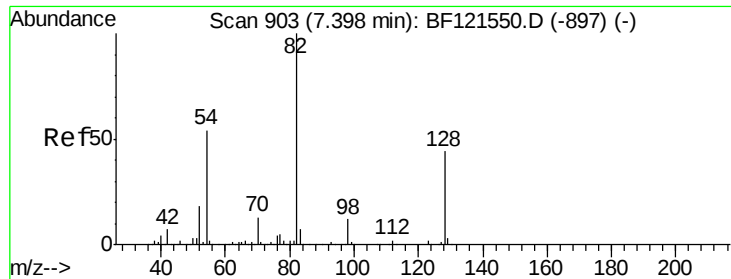
Abundance Ion 105.00 (104.70 to 105.70): E

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





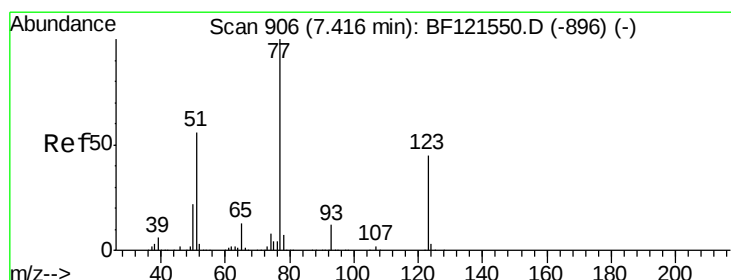
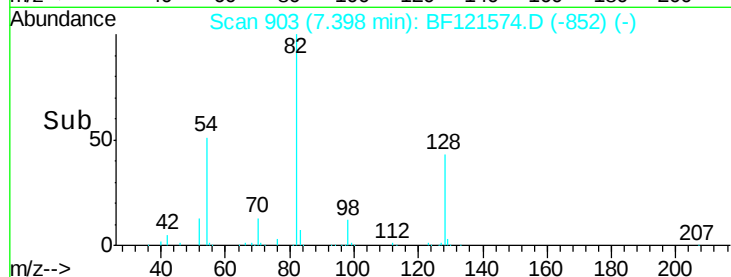
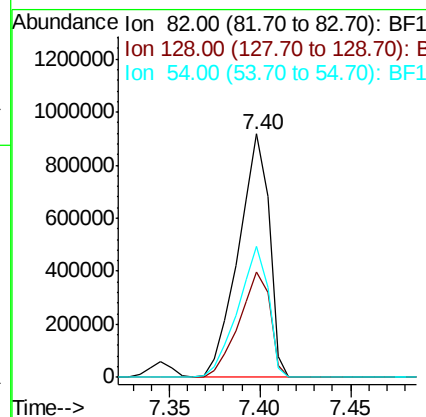
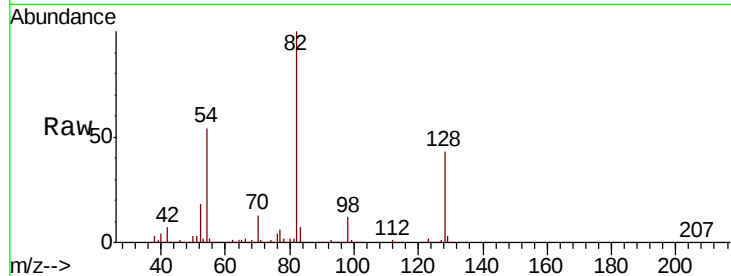
#23
Nitrobenzene-d5
Concen: 77.074 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.1	52.7
54	54.0	43.0	64.6

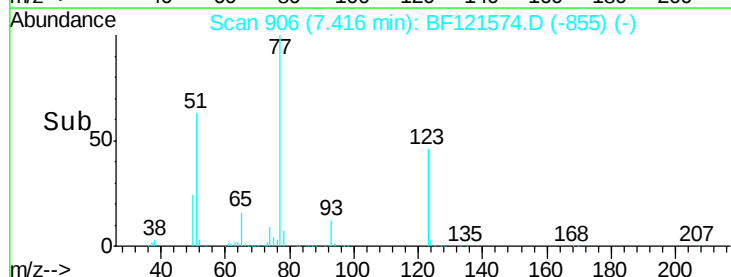
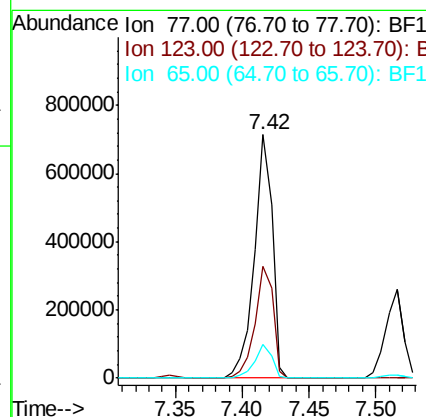
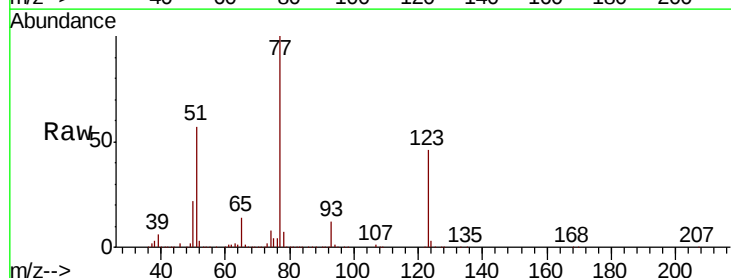
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#24
Nitrobenzene
Concen: 42.878 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.8	53.8
65	13.7	10.7	16.1





#25

Isophorone

Concen: 42.065 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleID :

357MSD

Tot Ion: 82 Resp: 1189635

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

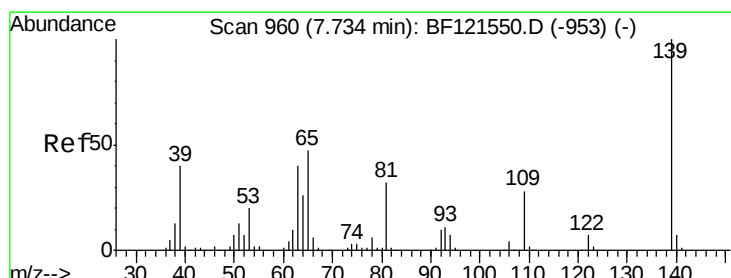
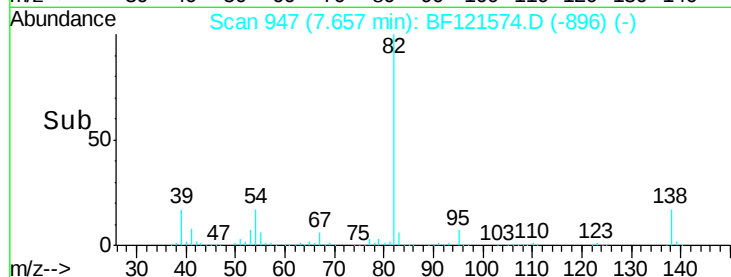
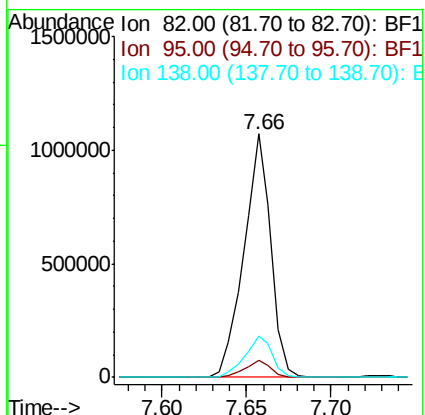
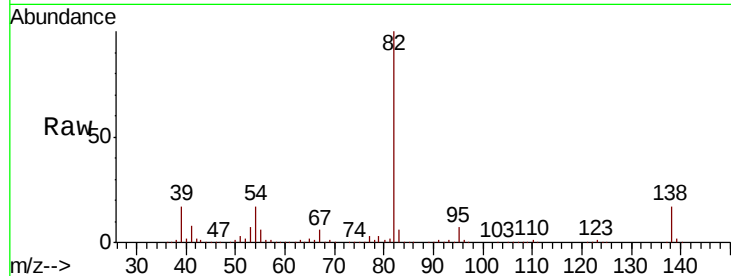
138 17.1 13.7 20.5

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#26

2-Nitrophenol

Concen: 42.648 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

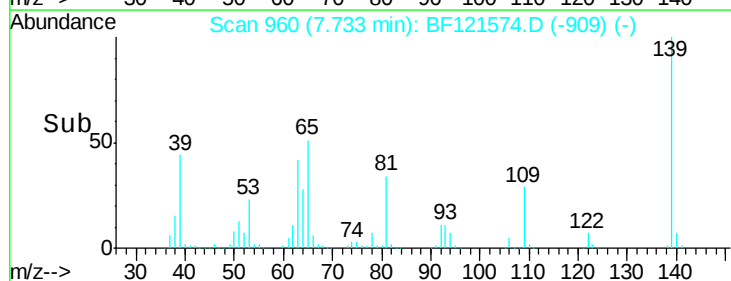
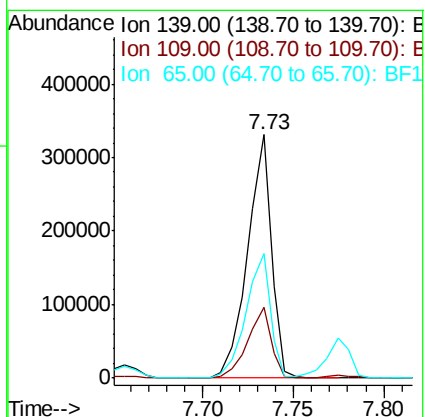
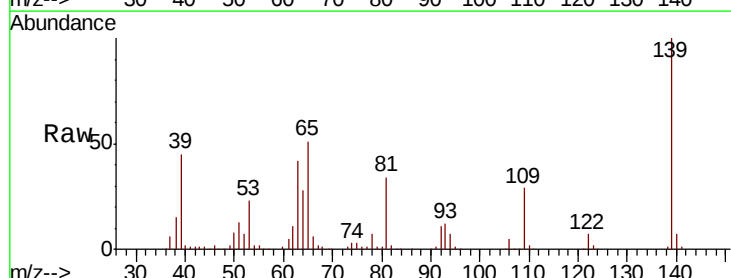
Tgt Ion: 139 Resp: 302918

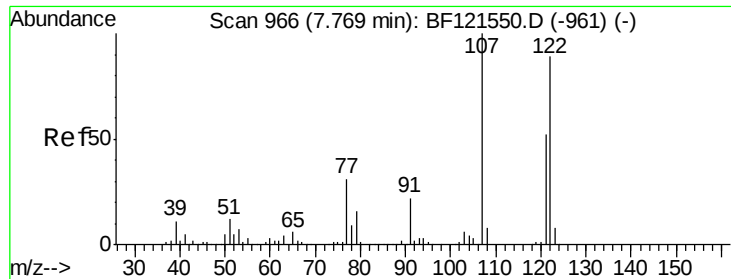
Ion Ratio Lower Upper

139 100

109 29.3 22.4 33.6

65 51.1 37.6 56.4





#27

2,4-Dimethylphenol

Concen: 39.271 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

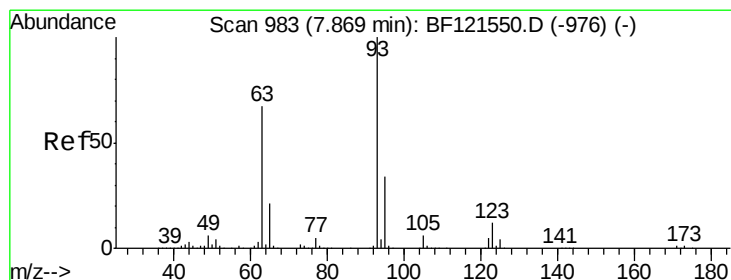
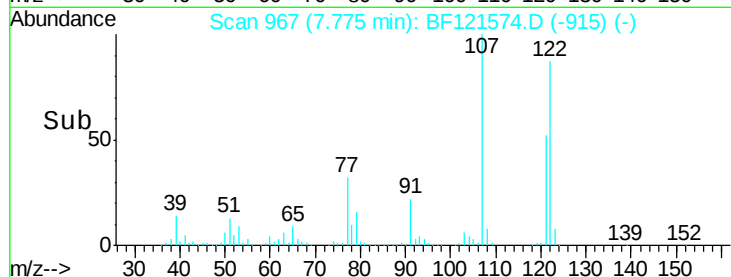
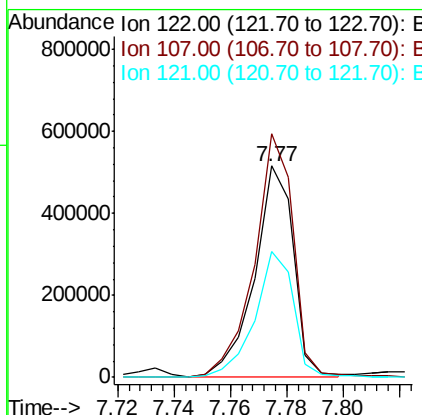
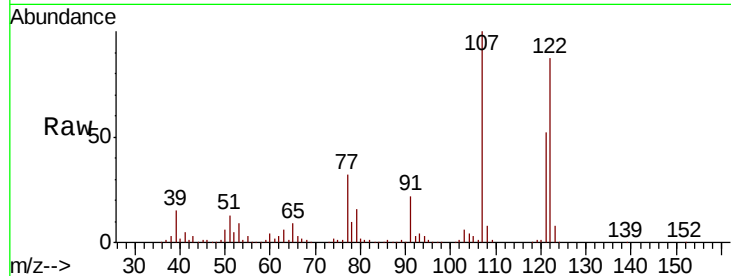
ClientSampleId :

357MSD

Tot Ion:	122	Resp:	495761
Ion Ratio	Lower	Upper	
122	100		
107	115.1	89.5	134.3
121	59.5	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.418 ng

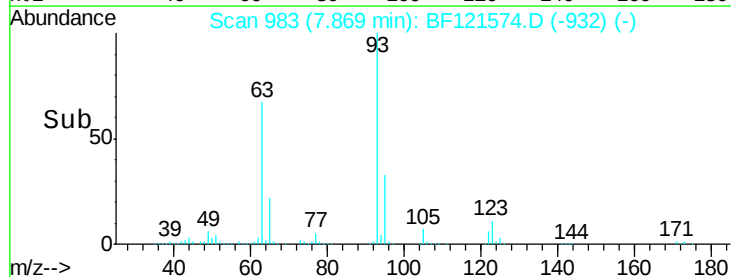
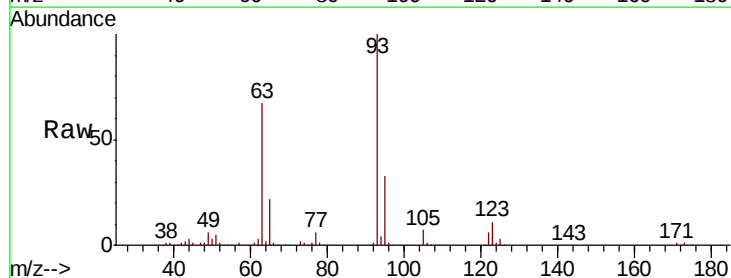
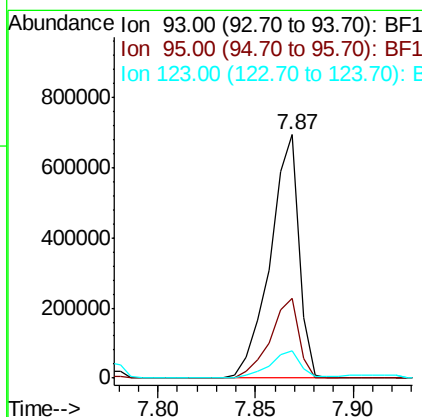
RT: 7.87 min Scan# 983

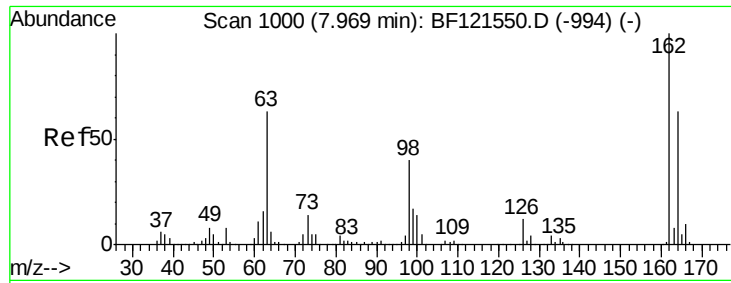
Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	93	Resp:	707645
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	11.4	9.7	14.5





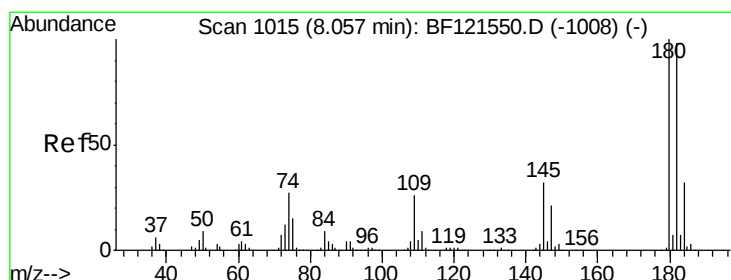
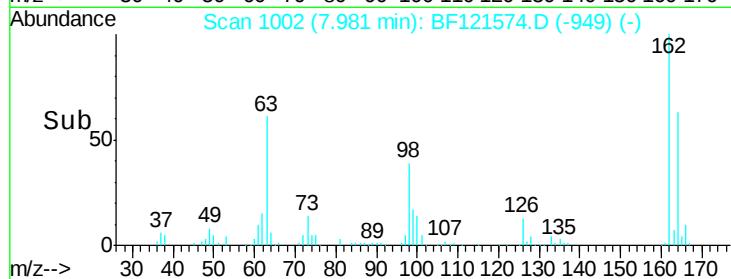
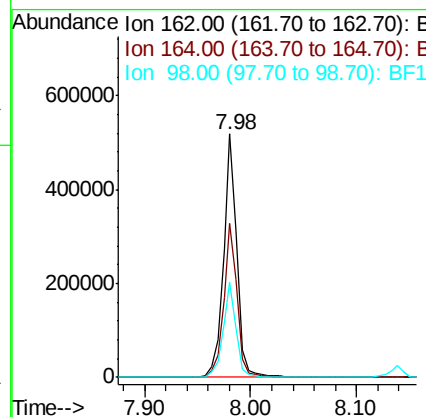
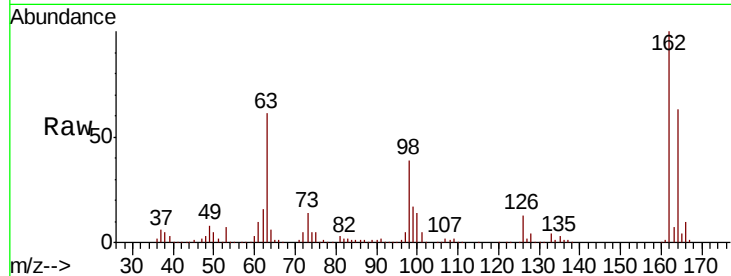
#29
 2,4-Dichlorophenol
 Concen: 40.367 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	464142		
164	63.5	43.5	83.5	
98	39.1	20.2	60.2	

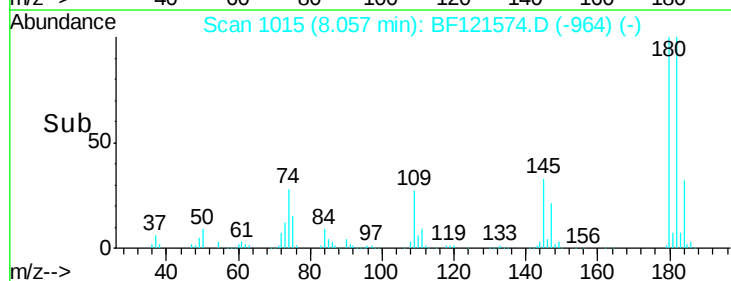
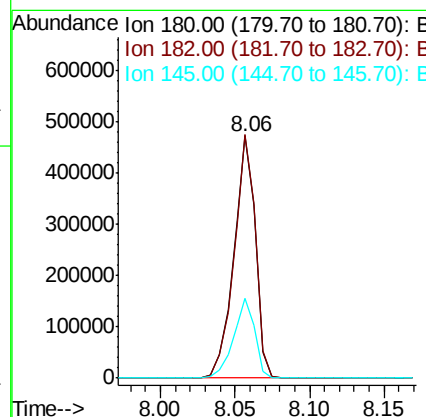
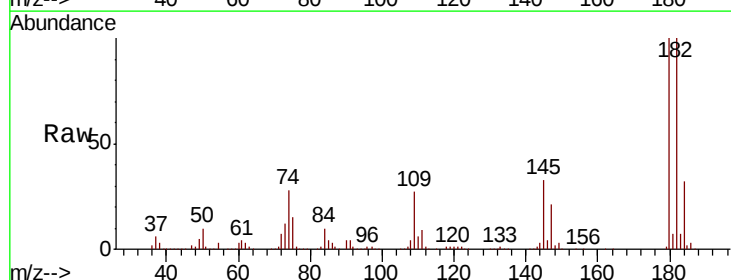
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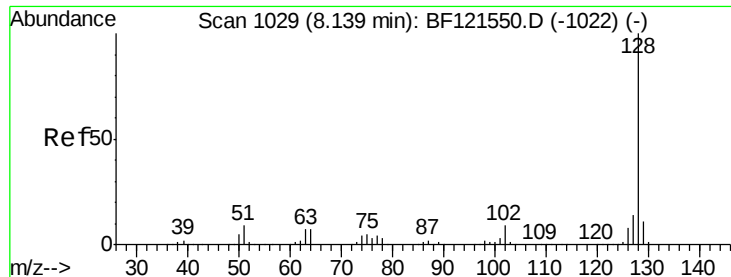
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.637 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	479982		
182	100.5	78.7	118.1	
145	33.2	26.0	39.0	





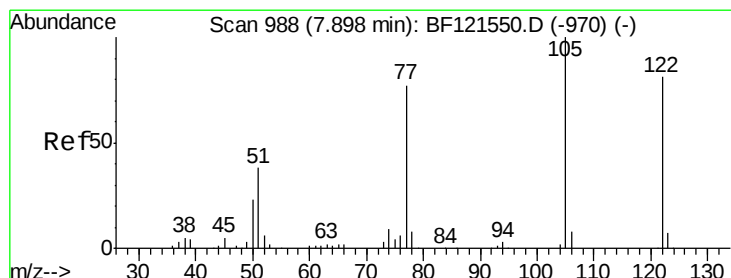
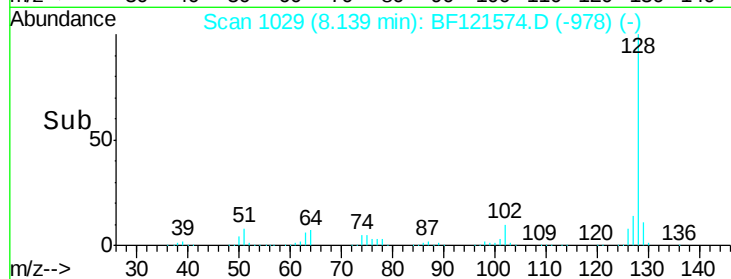
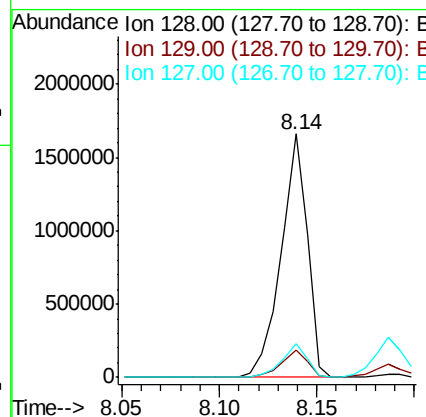
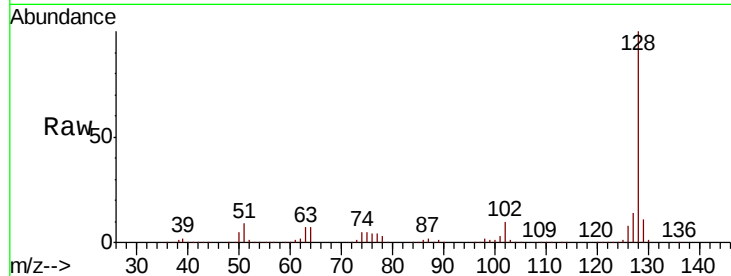
#31
Naphthalene
Concen: 38.788 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	11.0	16.6

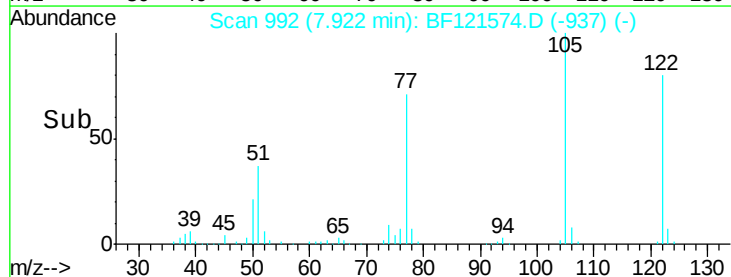
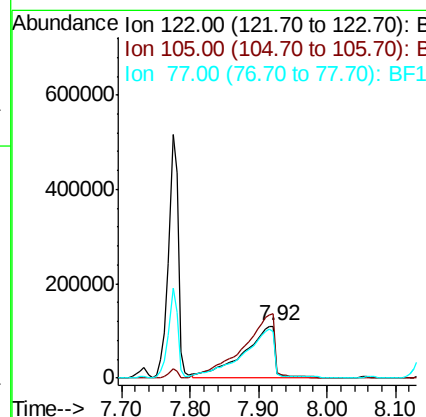
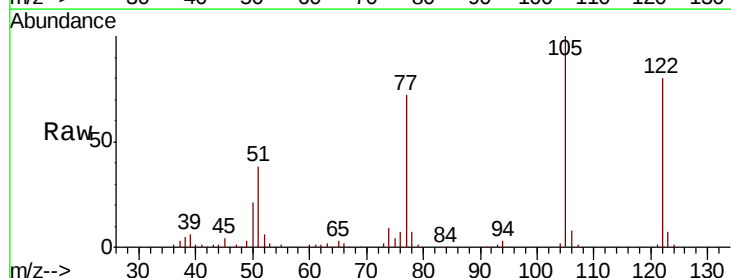
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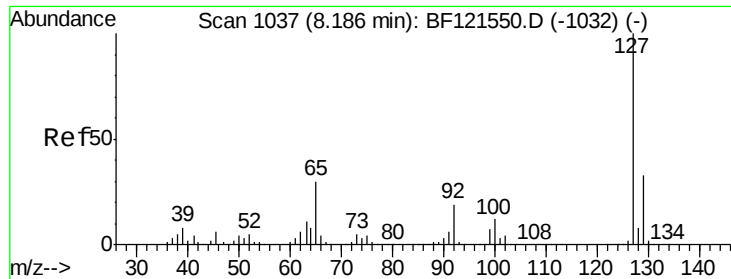
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#32
Benzoic acid
Concen: 39.322 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	100.5	140.5
77	90.4	72.6	112.6





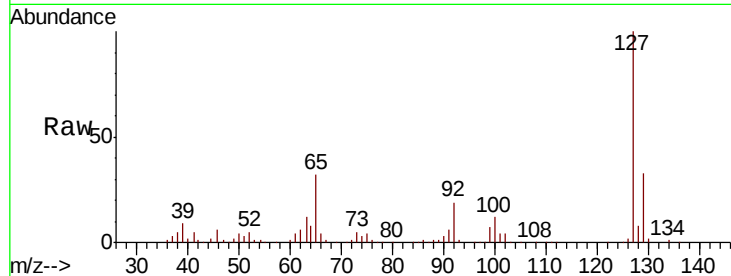
#33
4-Chloroaniline
Concen: 18.909 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

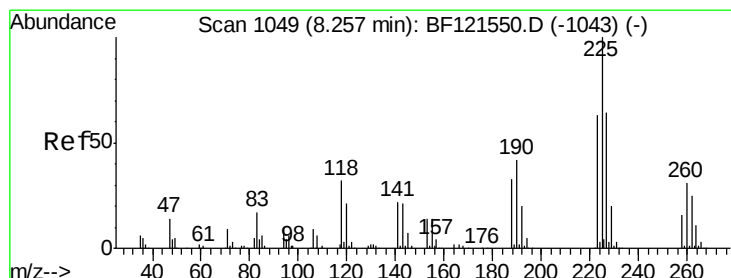
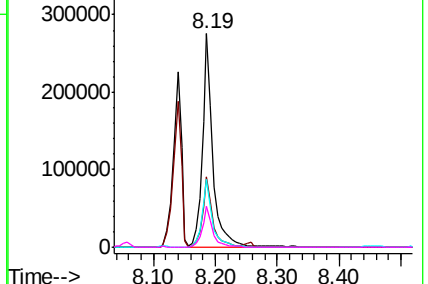
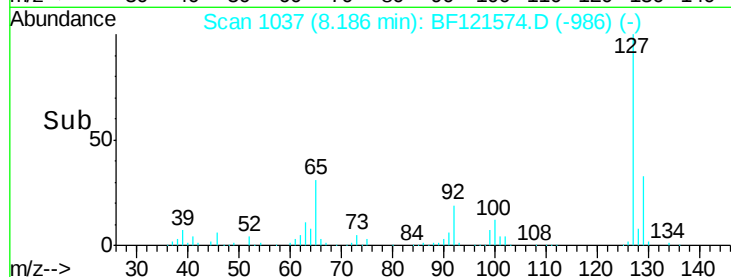
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.4	39.6		
65	31.9	24.4	36.6		
92	19.1	15.4	23.2		

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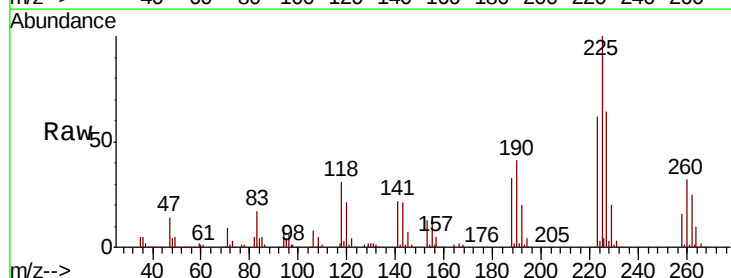


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

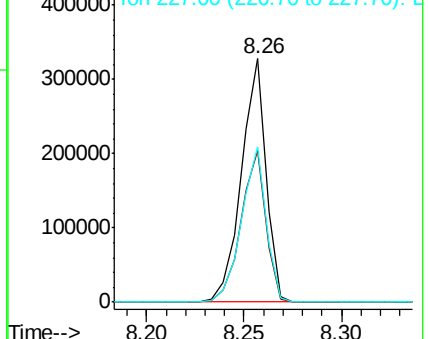
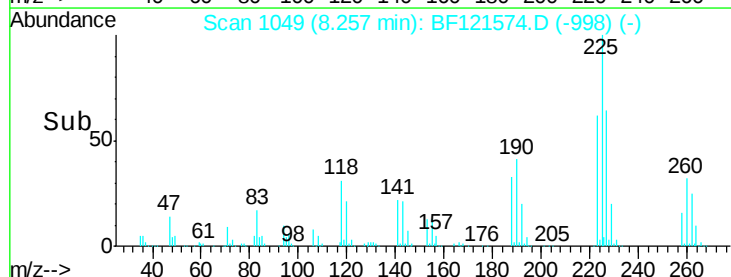


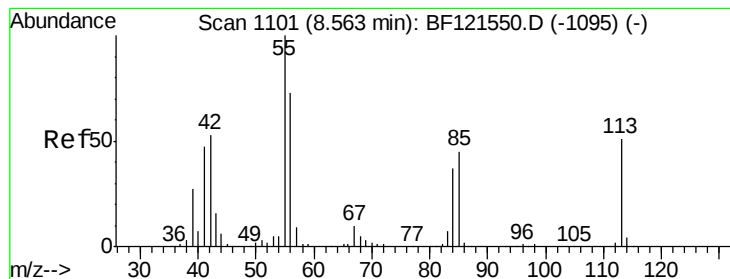
#34
Hexachlorobutadiene
Concen: 40.322 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.2	75.2		
227	63.7	51.0	76.4		



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





#35

Caprolactam

Concen: 40.521 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

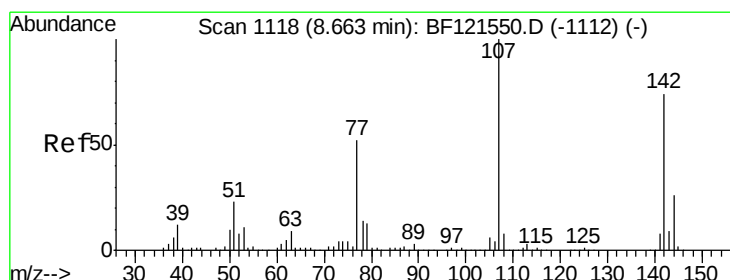
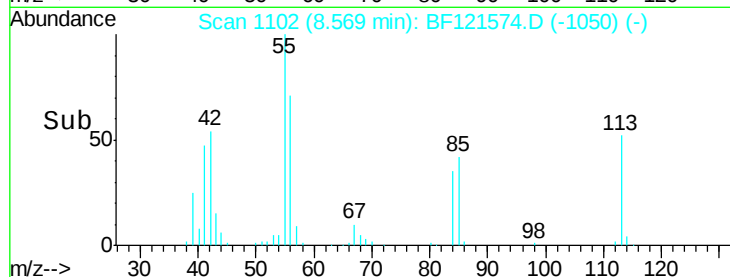
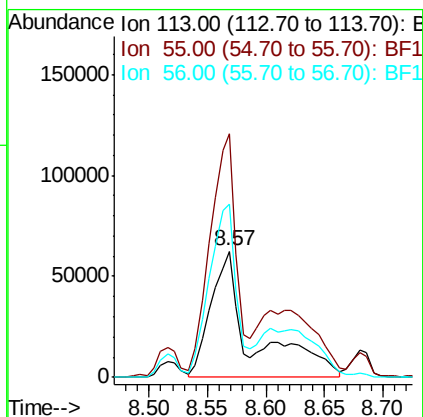
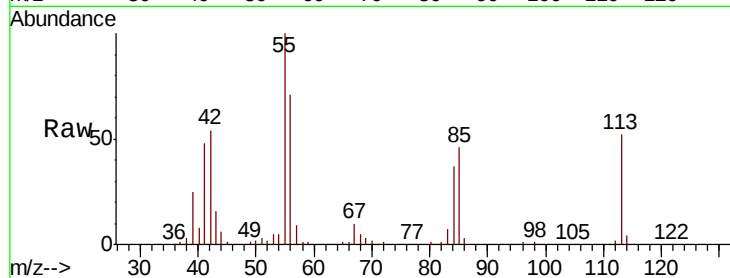
ClientSampled :

357MSD

Tot Ion:	113	Resp:	155156
Ion Ratio	Lower	Upper	
113	100		
55	193.4	176.2	216.2
56	137.7	123.9	163.9

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#36

4-Chloro-3-methylphenol

Concen: 41.186 ng/mL

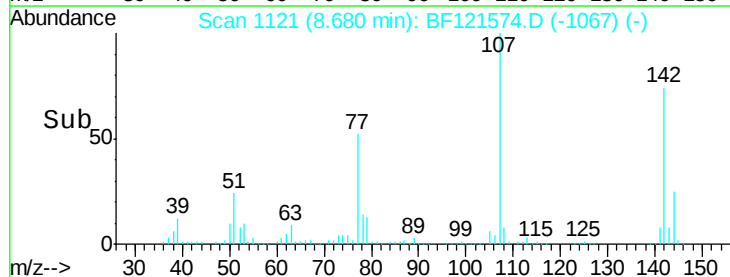
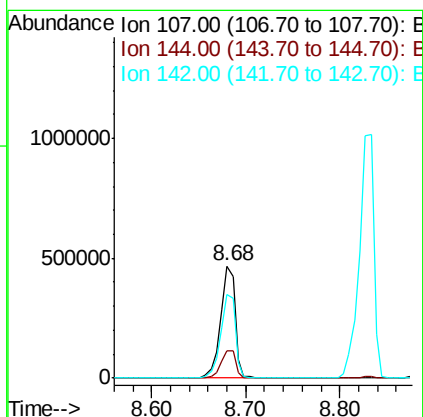
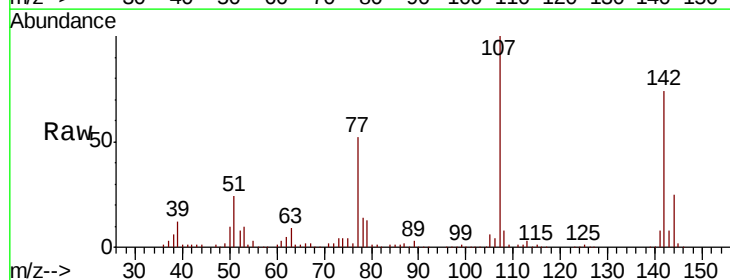
RT: 8.68 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	107	Resp:	510144
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.5	30.7
142	74.4	59.5	89.3





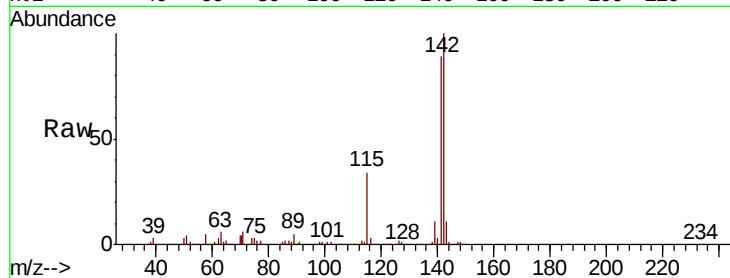
#37
2-Methylnaphthalene
Concen: 42.123 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

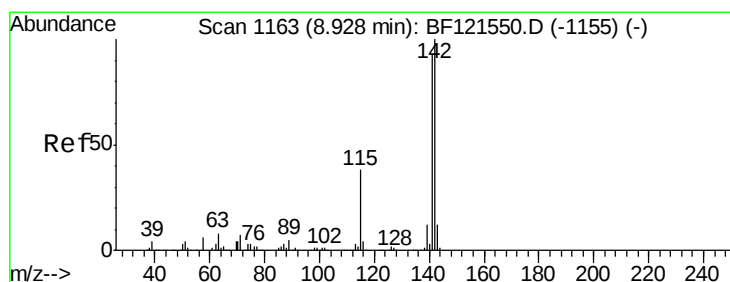
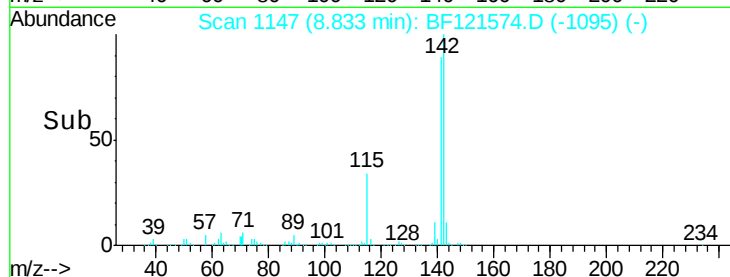
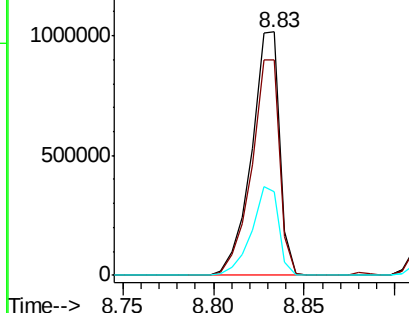
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.5	107.3
115	34.3	28.7	43.1

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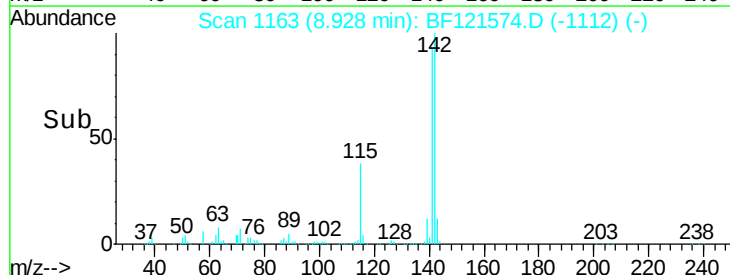
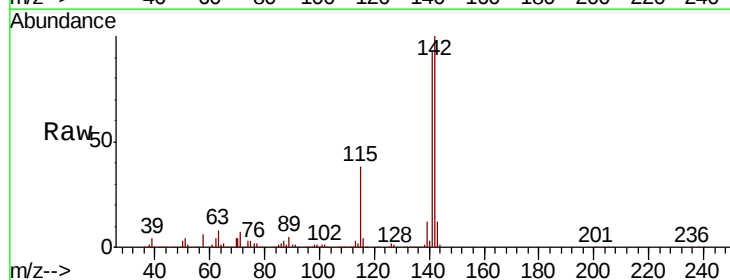
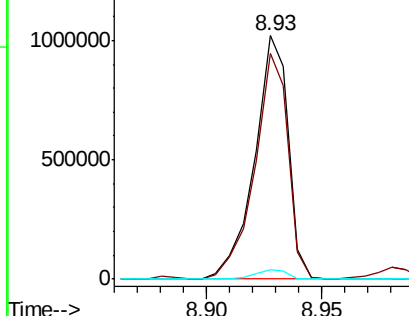
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.668 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.8	112.2
116	4.1	3.0	4.6

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





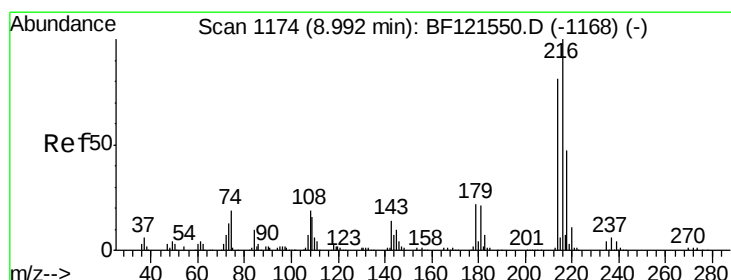
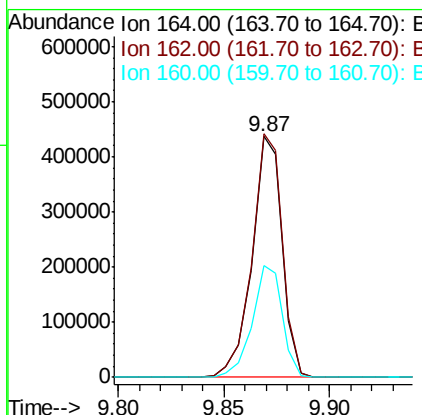
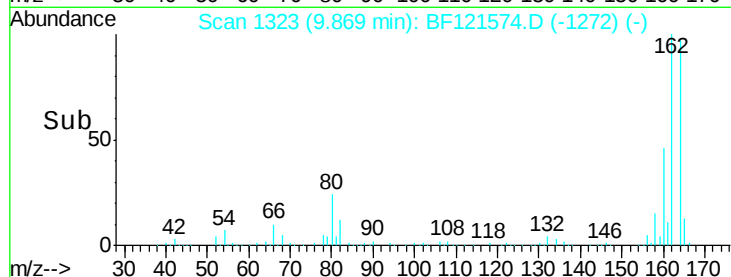
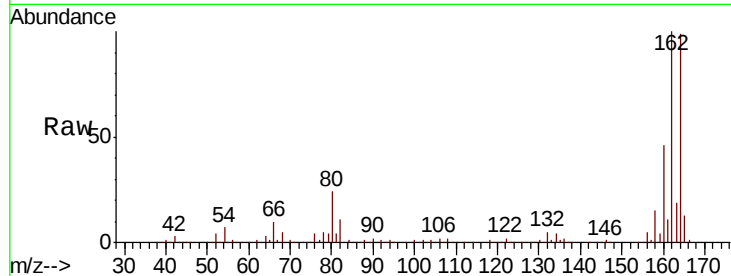
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampled :
357MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	82.3	123.5	
160	46.4	37.0	55.4	

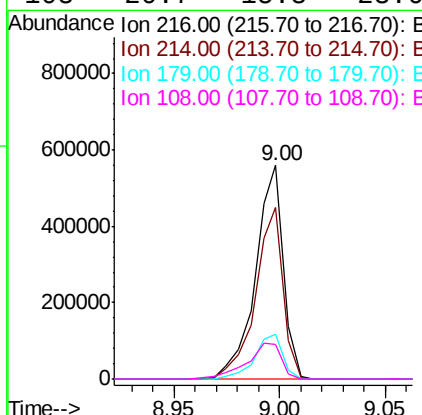
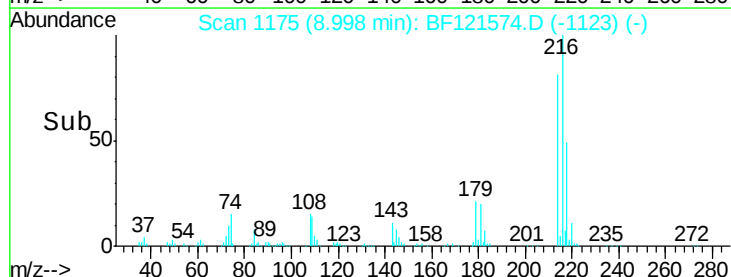
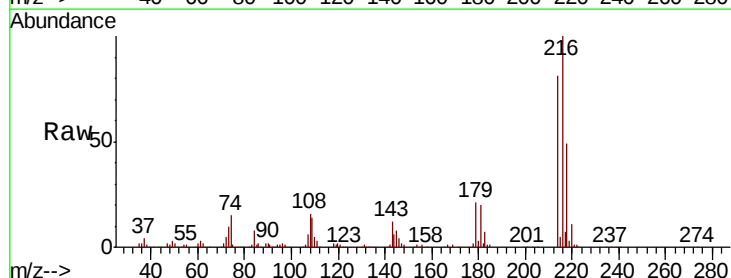
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.884 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.8	95.8	
179	21.0	16.6	25.0	
108	20.7	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 54.183 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

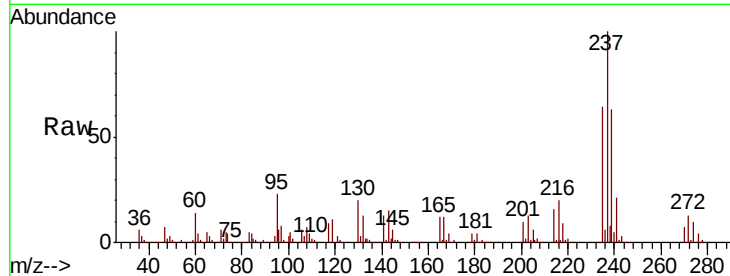
ClientSampleId :

357MSD

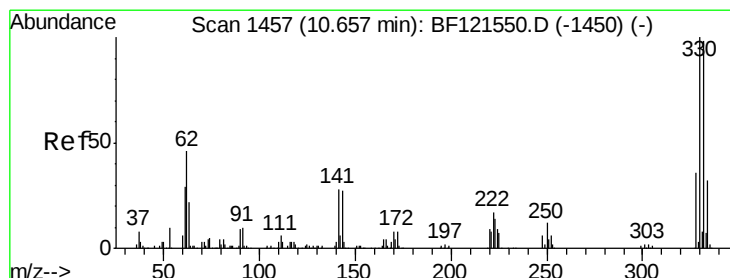
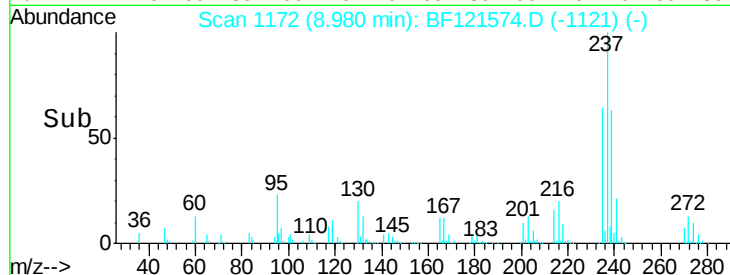
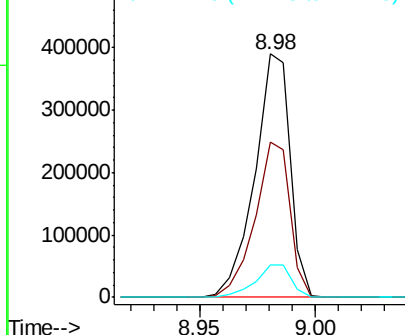
Tot Ion:	237	Resp:	418388
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.0	84.0
272	13.2	0.0	33.4

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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: 85.021 ng

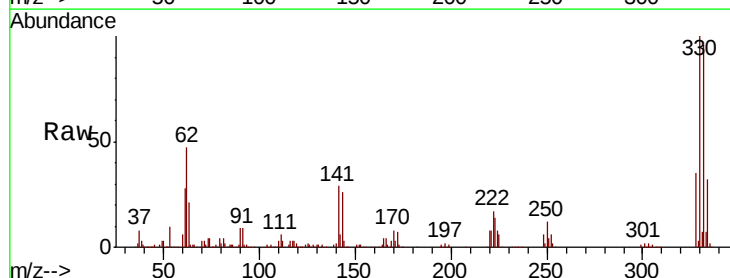
RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

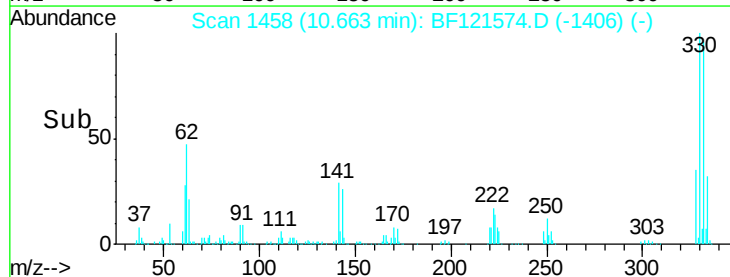
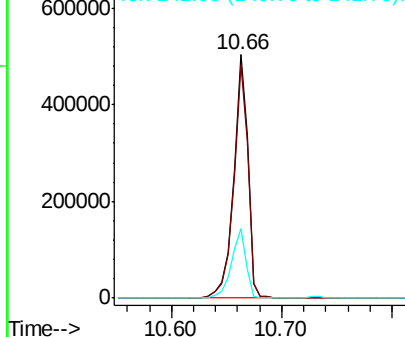
Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	330	Resp:	457410
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	29.1	23.6	35.4



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





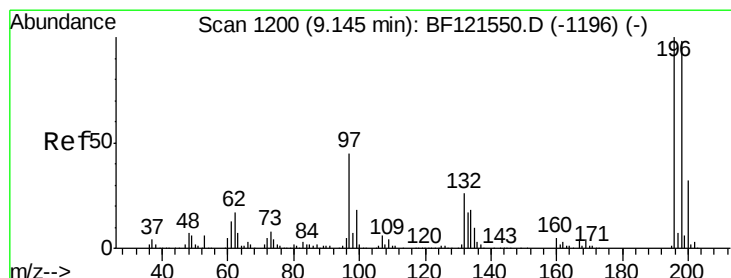
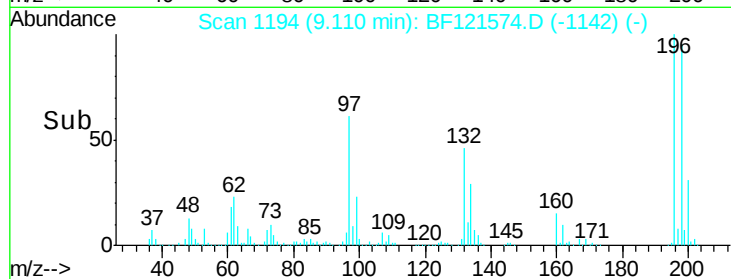
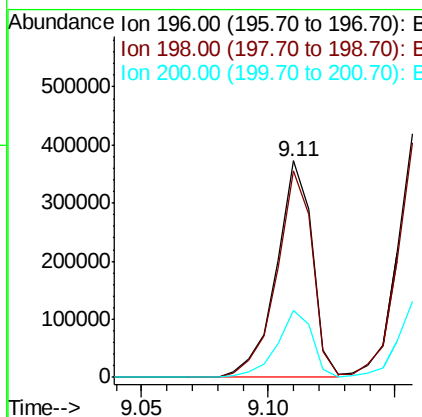
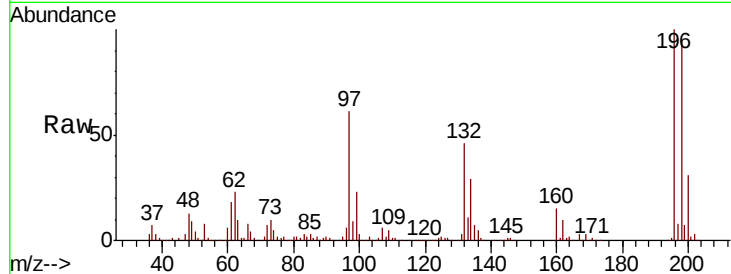
#43
 2,4,6-Trichlorophenol
 Concen: 39.581 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleID :
 357MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	364795		
198	95.0	75.6	113.4	
200	30.7	24.0	36.0	

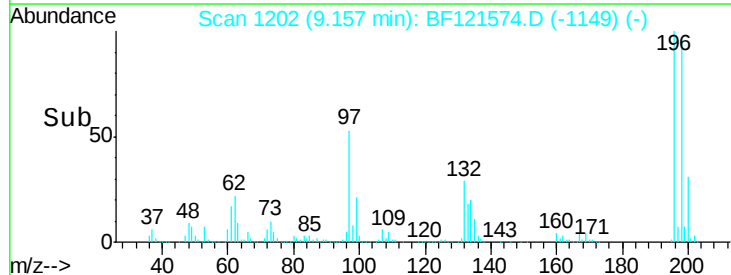
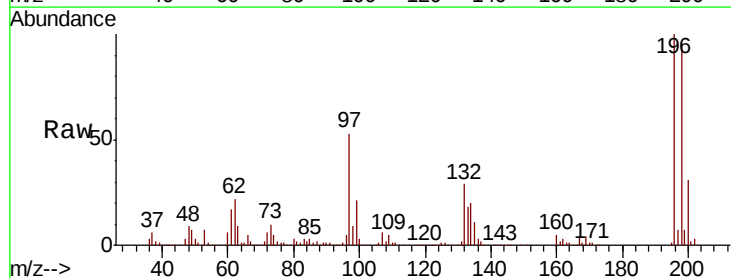
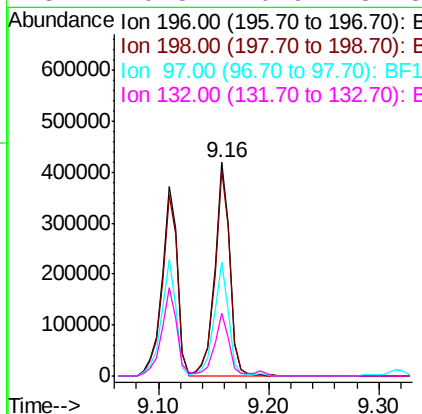
Manual Integrations
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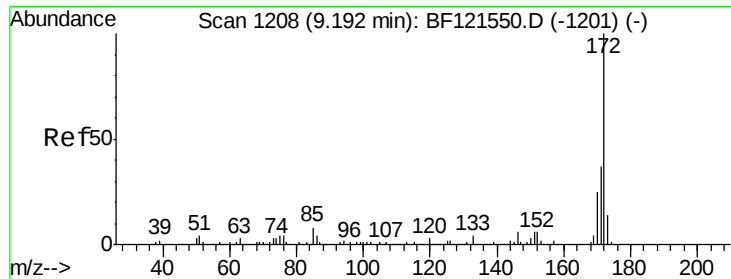
mohammad
 9/16/2020 10:14:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.088 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	390588		
198	96.4	78.1	117.1	
97	53.2	36.8	55.2	
132	29.3	20.9	31.3	





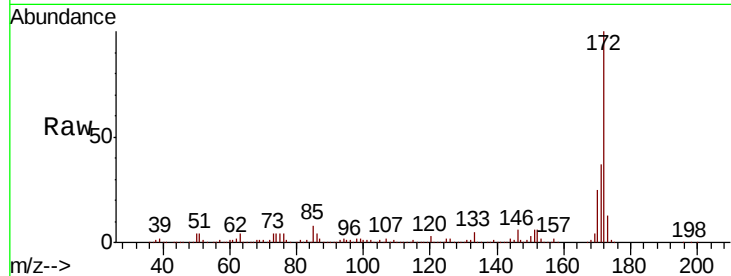
#45
2-Fluorobiphenyl
Concen: 64.838 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.8	29.8	44.6	
170	24.7	19.8	29.8	

Manual Integrations
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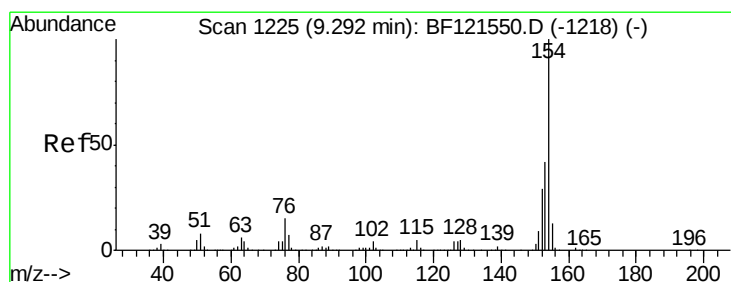
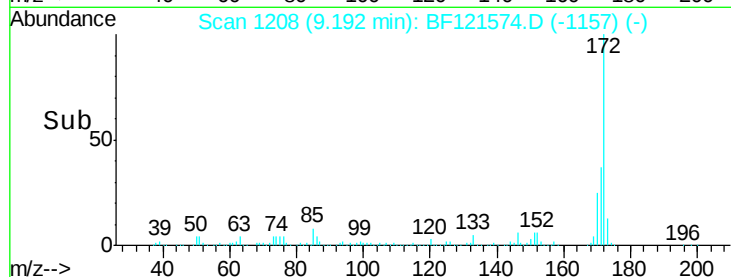
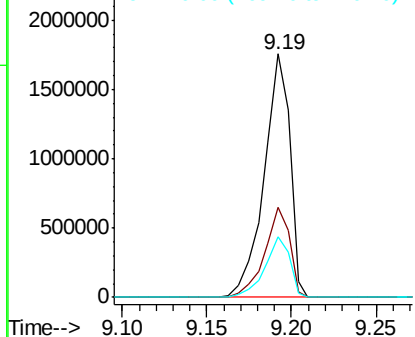


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.280 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

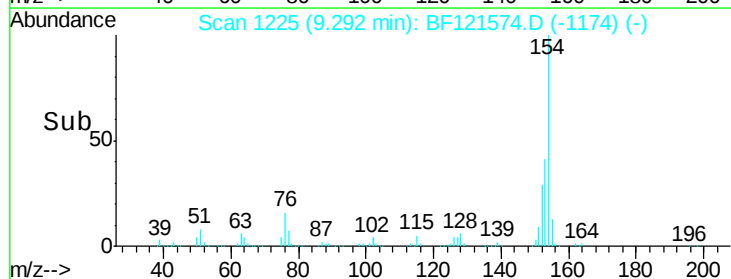
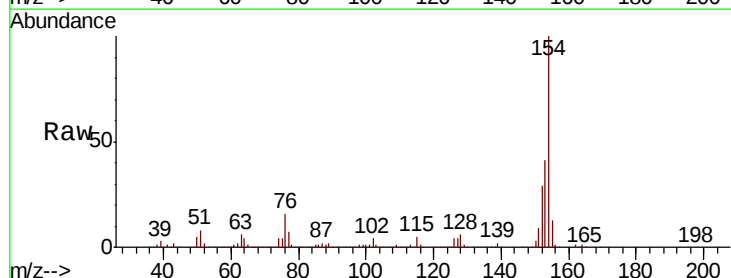
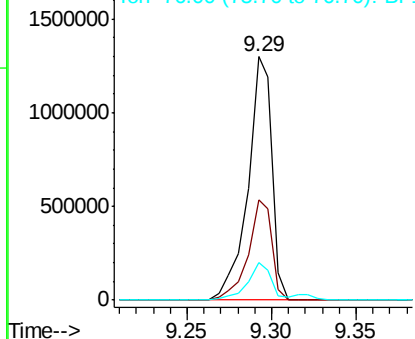
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.4	21.7	61.7	
76	15.7	0.0	35.5	

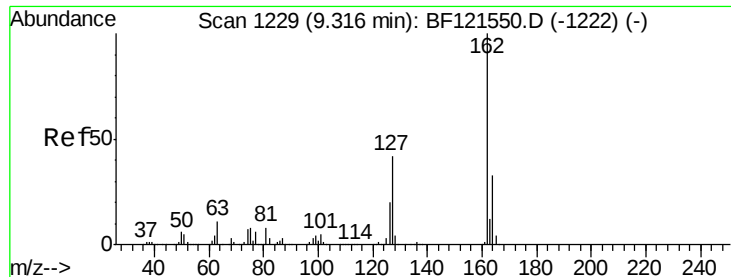
Abundance

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





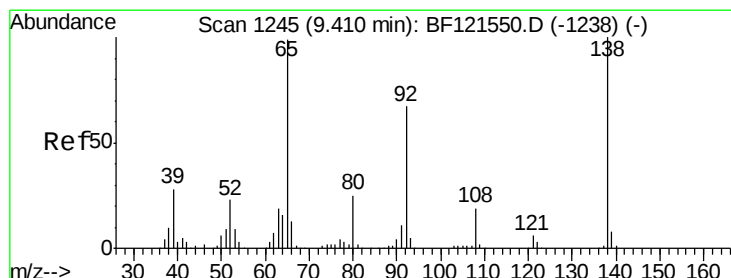
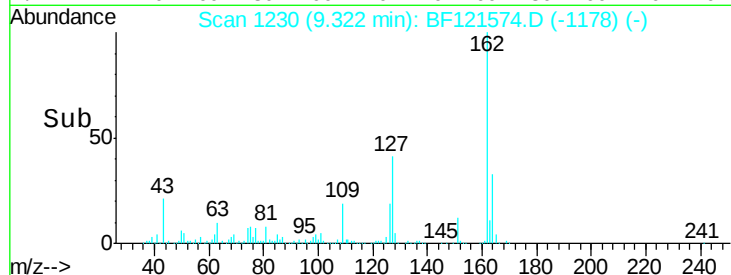
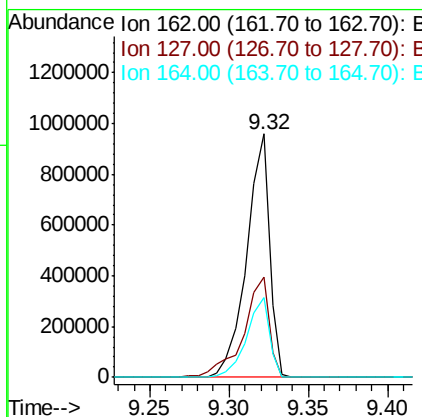
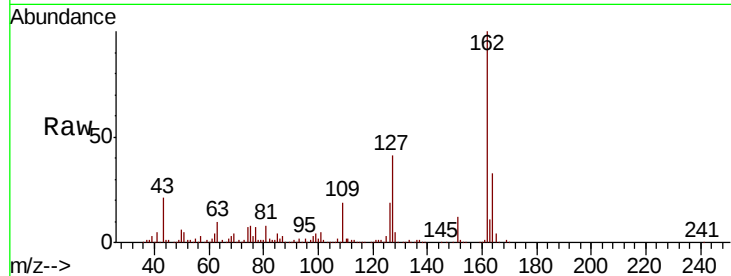
#47
2-Chloronaphthalene
Concen: 34.981 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.9	26.7	40.1

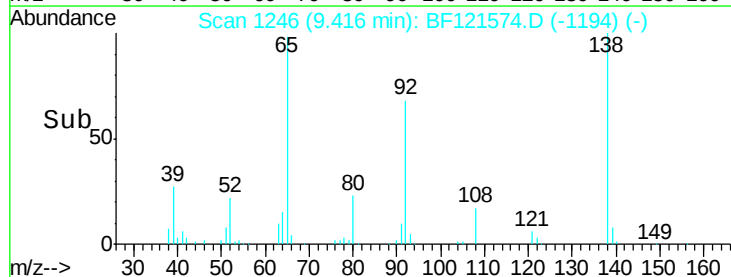
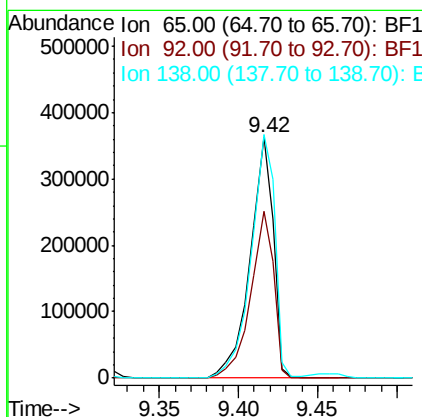
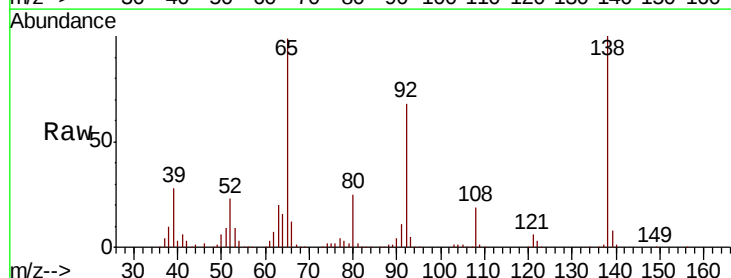
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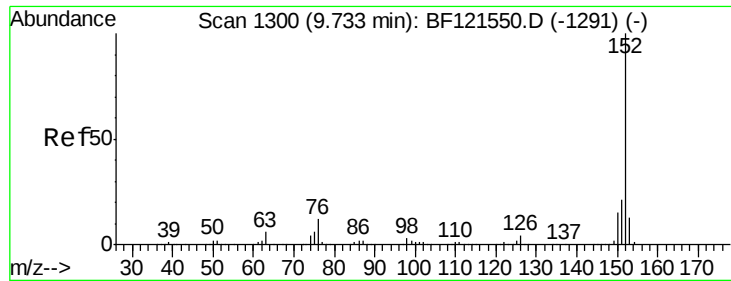
mohammad
9/16/2020 10:14:41 AM



#48
2-Nitroaniline
Concen: 43.295 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.2	81.4
138	101.3	80.8	121.2





#49

Acenaphthylene

Concen: 38.689 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion:152 Resp: 1623327

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

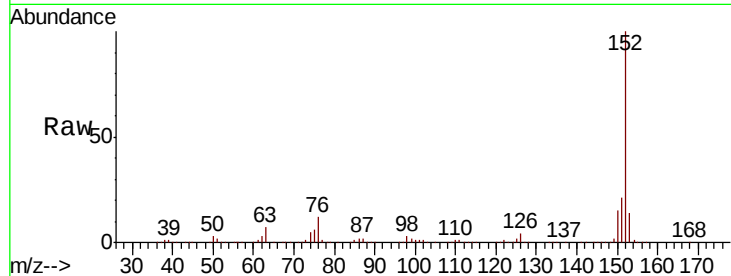
153 13.7 10.7 16.1

Manual Integrations

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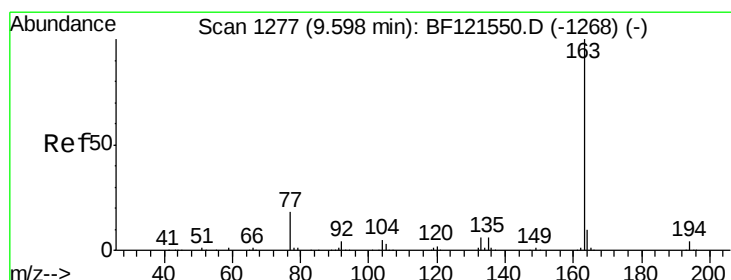
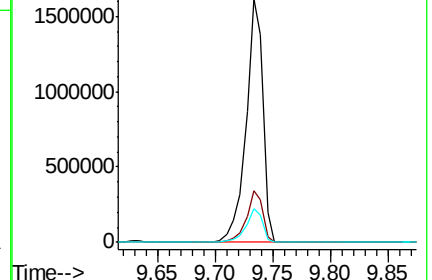
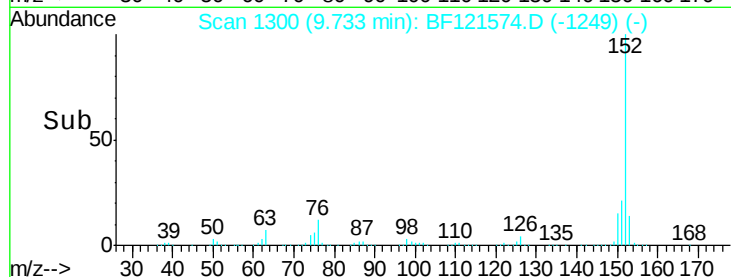
9/16/2020 10:14:41 AM



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: 52.024 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

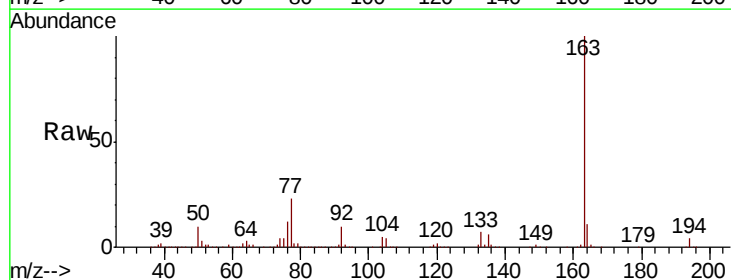
Tgt Ion:163 Resp: 1632183

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

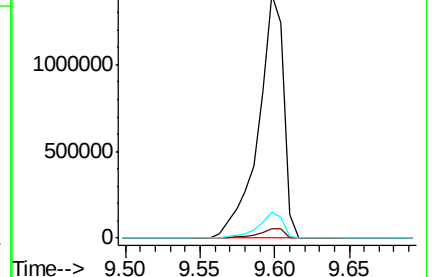
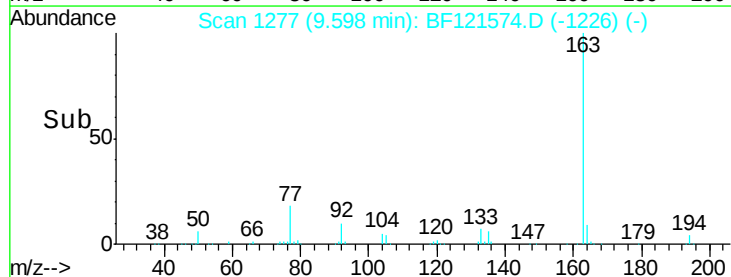
164 10.7 7.9 11.9

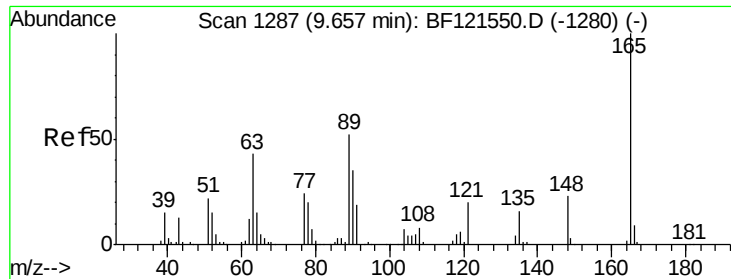


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





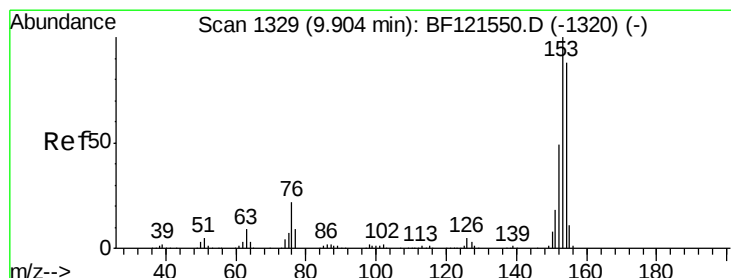
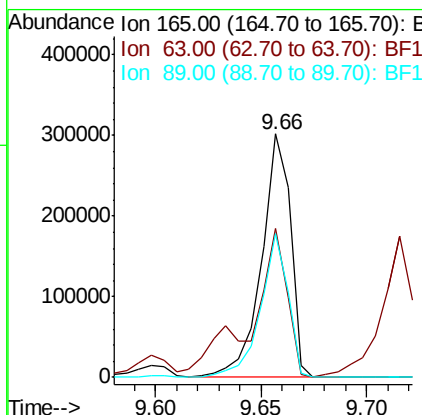
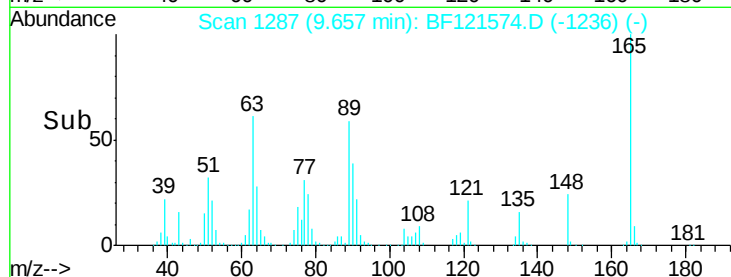
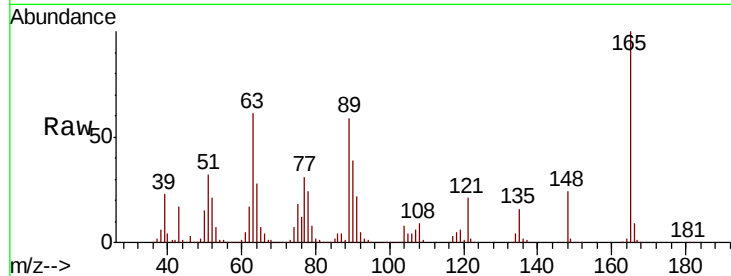
#51
 2,6-Dinitrotoluene
 Concen: 43.219 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	288767		
63	61.0		40.6	61.0#
89	58.9		41.8	62.8

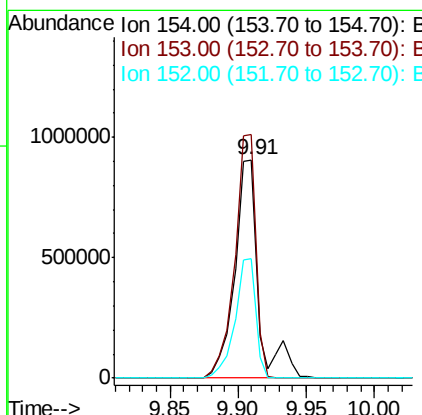
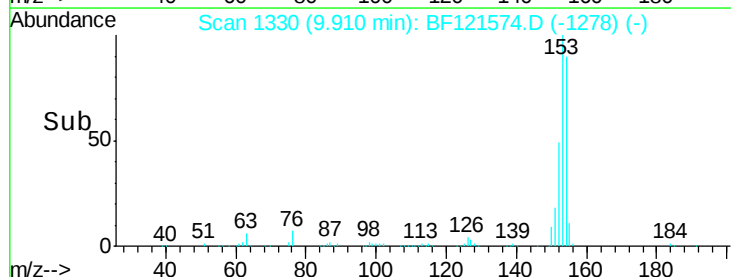
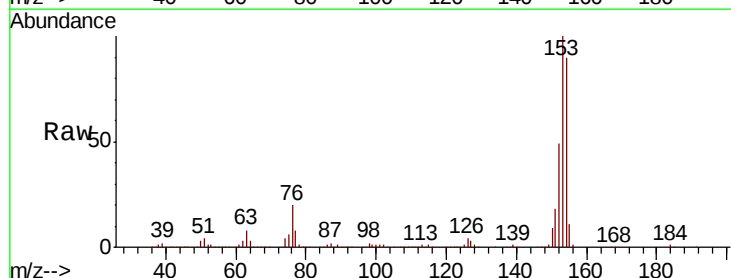
Manual Integrations
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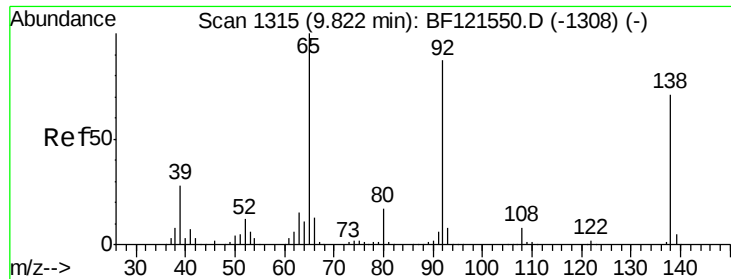
mohammad
 9/16/2020 10:14:41 AM



#52
 Acenaphthene
 Concen: 41.457 ng m
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1098655		
153	111.4		91.0	136.4
152	54.5		44.2	66.2





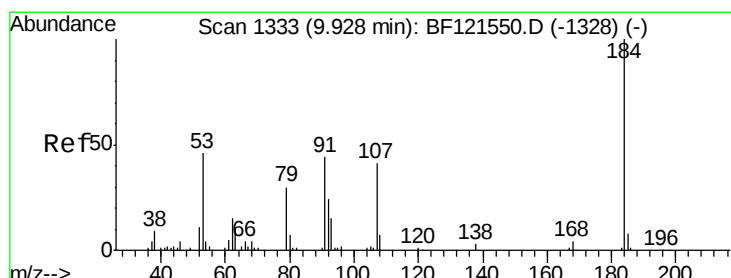
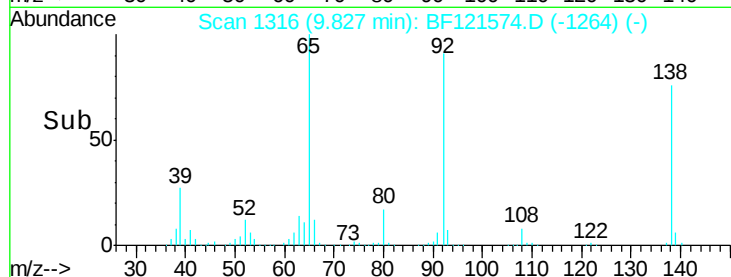
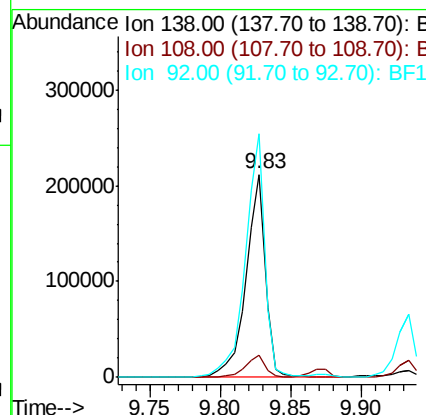
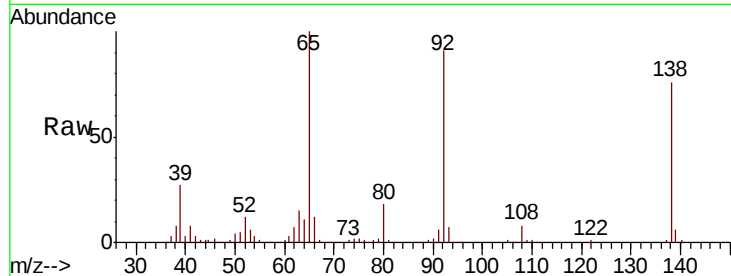
#53
3-Nitroaniline
Concen: 26.273 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.6
92	120.0	97.4	146.0

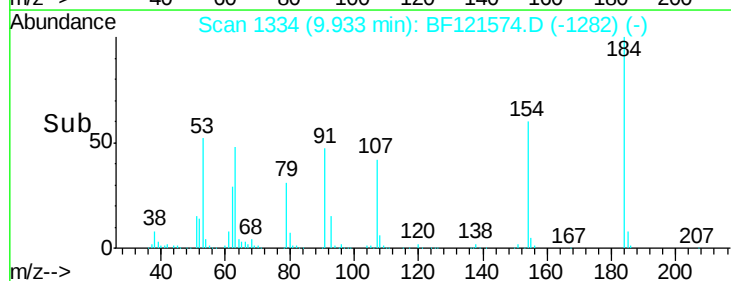
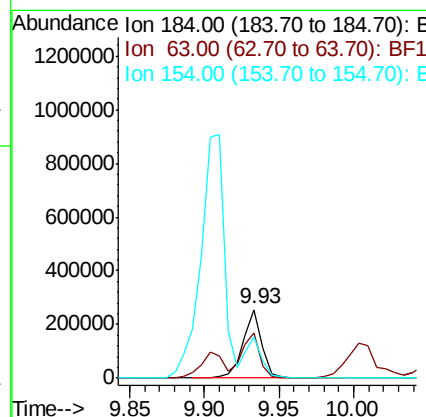
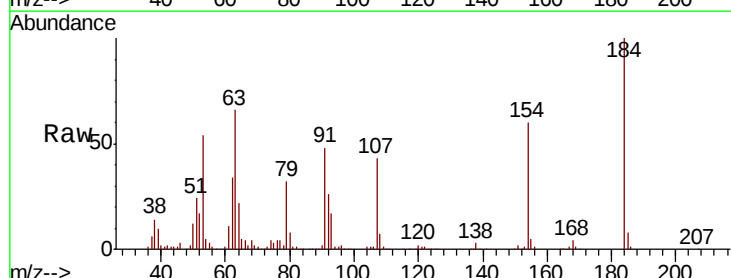
Manual Integrations
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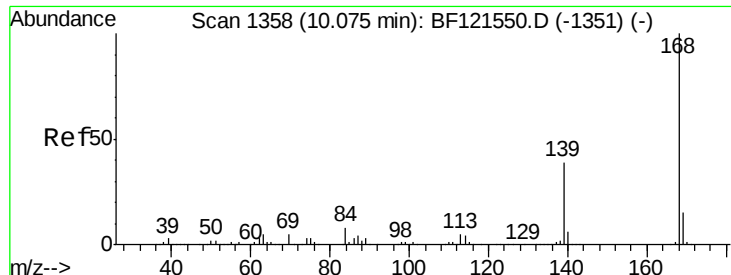
mohammad
9/16/2020 10:14:41 AM



#54
2,4-Dinitrophenol
Concen: 61.168 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.5	47.7	71.5
154	60.1	47.2	70.8





#55

Dibenzenofuran

Concen: 38.273 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion:168 Resp: 1428389

Ion Ratio Lower Upper

168 100

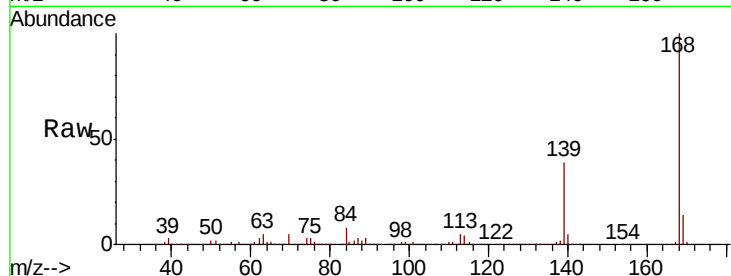
139 39.2 31.4 47.0

169 14.2 11.9 17.9

Manual Integrations
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mohammad

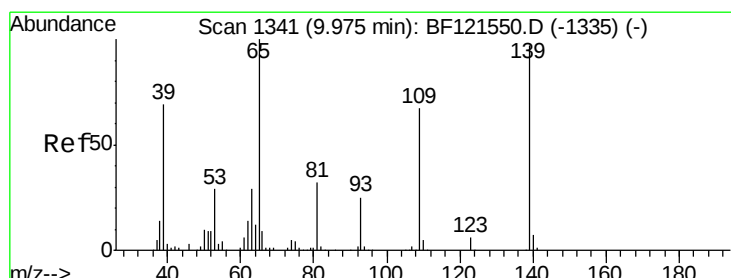
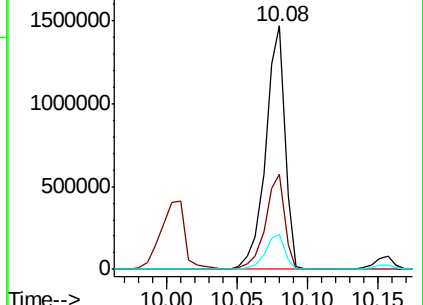
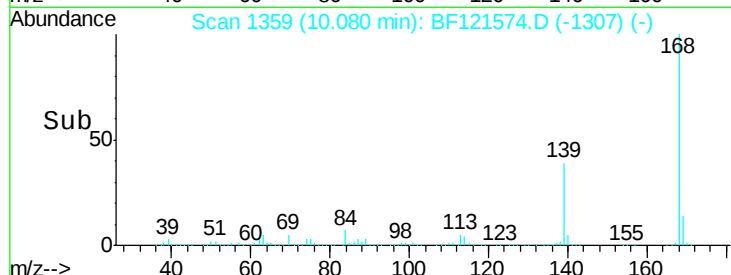
9/16/2020 10:14:41 AM



Abundance Ion 168.00 (167.70 to 168.70): E

2000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.090 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.04 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

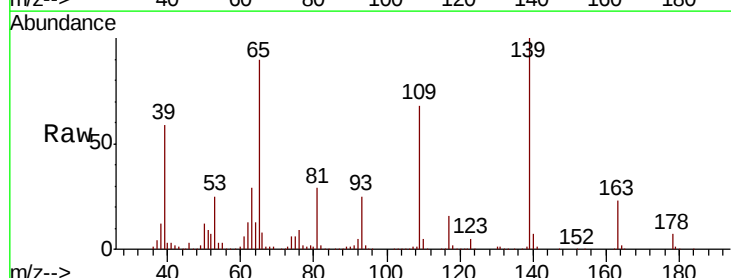
Tgt Ion:139 Resp: 500552

Ion Ratio Lower Upper

139 100

109 68.2 48.8 88.8

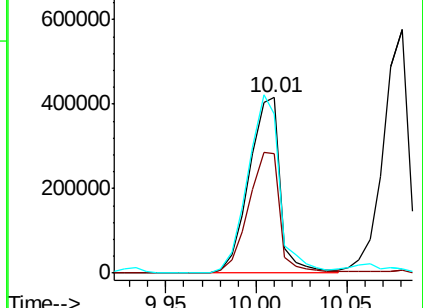
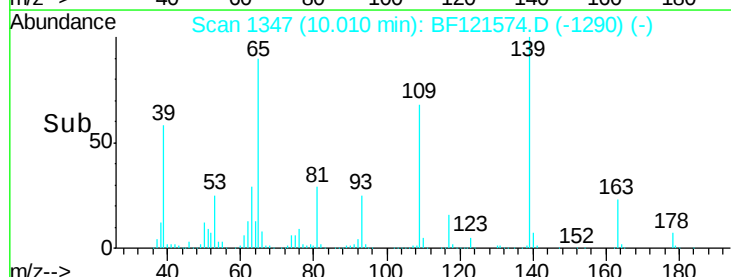
65 90.5 83.6 123.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





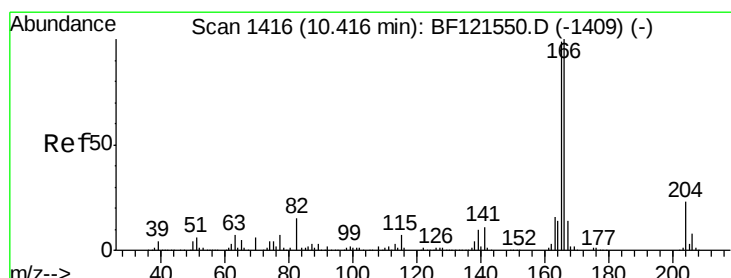
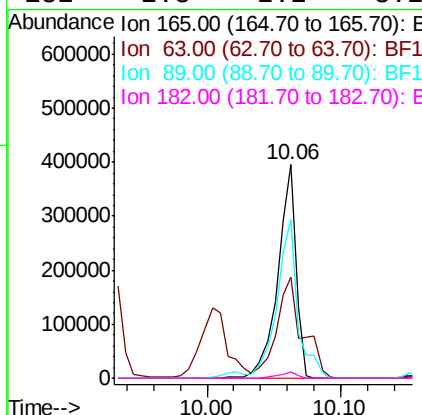
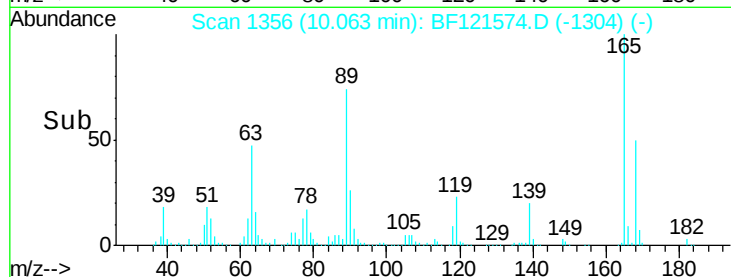
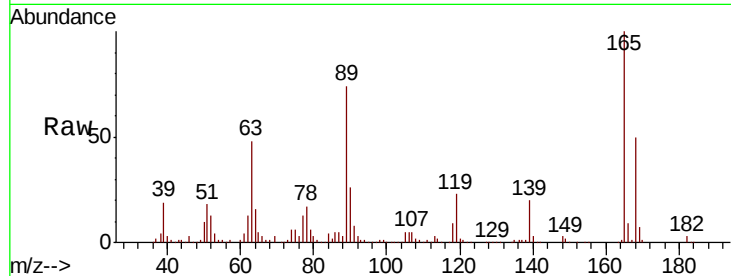
#57
2,4-Dinitrotoluene
Concen: 45.520 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	382630		
63	47.6	36.2	54.4	
89	74.3	58.2	87.4	
182	2.8	2.2	3.2	

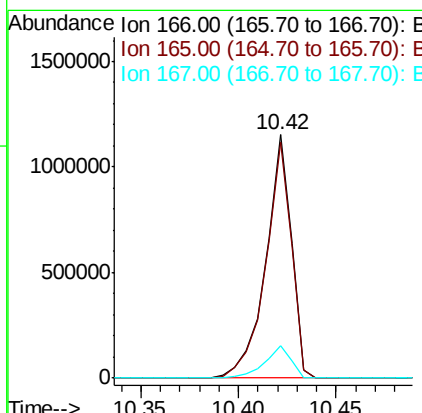
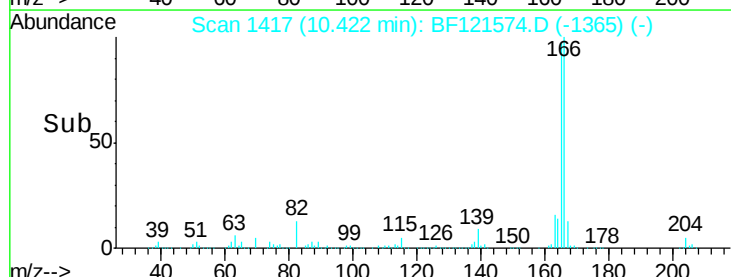
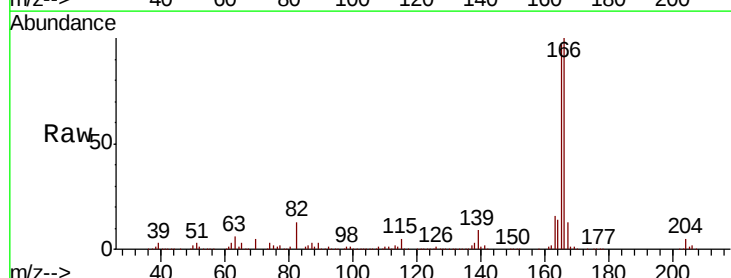
Manual Integrations
APPROVED

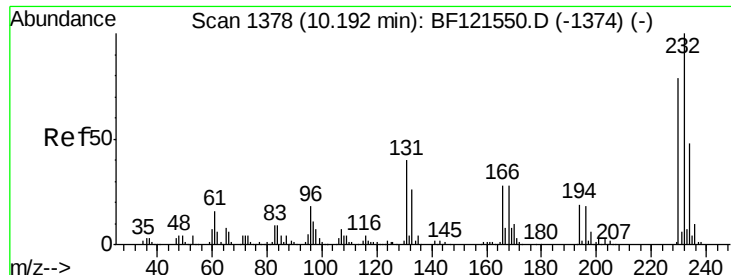
mohammad
9/16/2020 10:14:41 AM



#58
Fluorene
Concen: 36.681 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1046876		
165	96.9	79.0	118.4	
167	13.5	11.0	16.6	





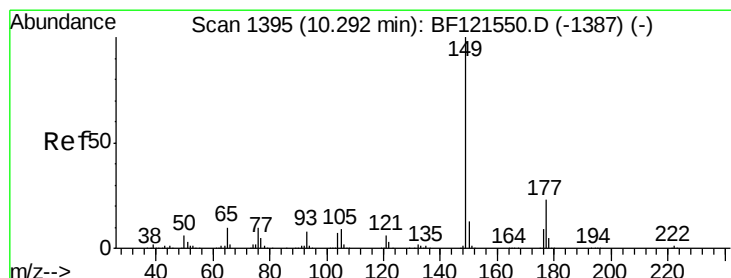
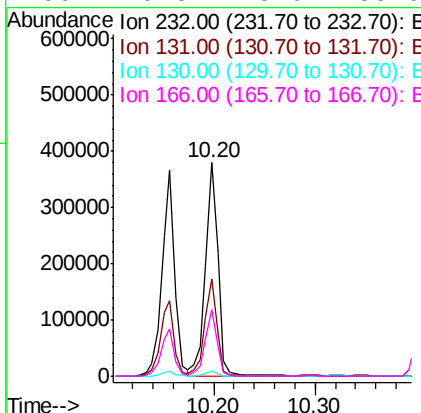
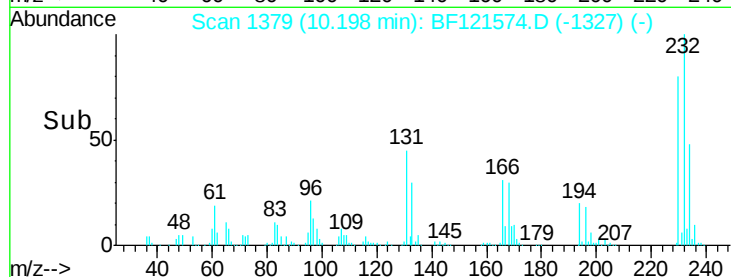
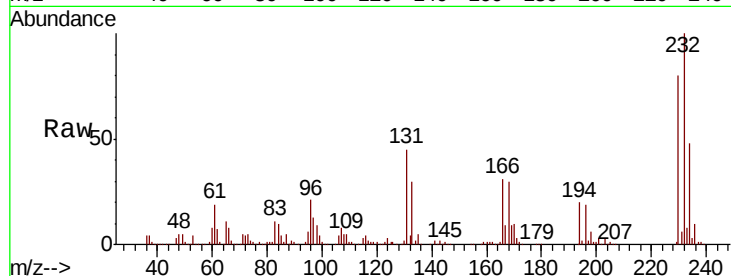
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.076 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	325362		
131	44.1	36.3	54.5	
130	2.3	1.9	2.9	
166	29.3	23.9	35.9	

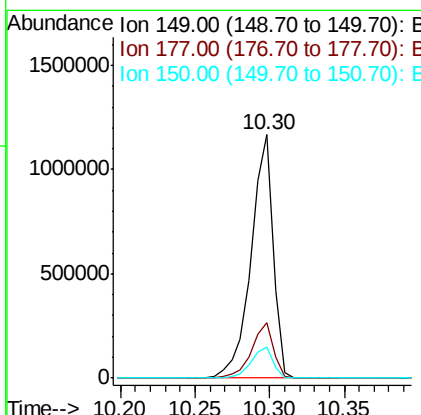
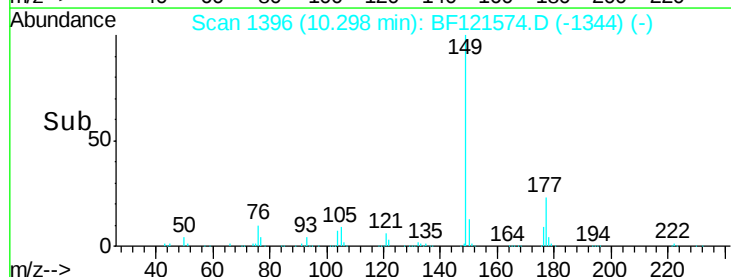
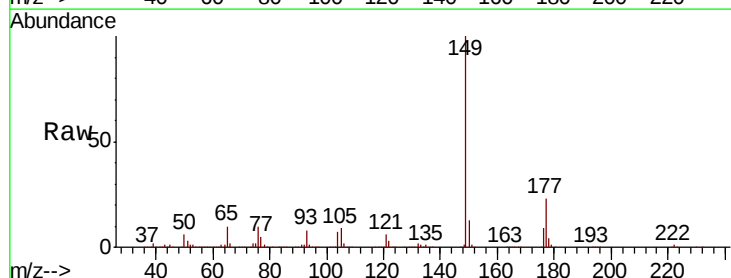
Manual Integrations
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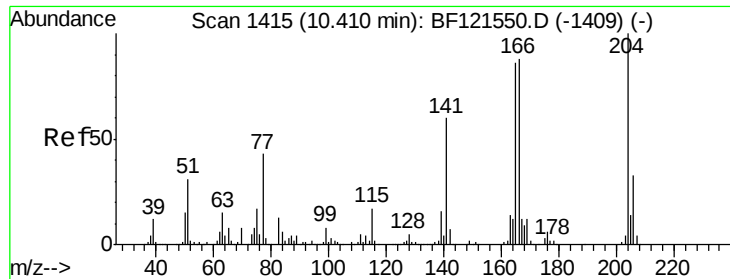
mohammad
9/16/2020 10:14:41 AM



#60
Diethylphthalate
Concen: 38.628 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1181568		
177	22.9	18.2	27.2	
150	12.7	10.2	15.2	





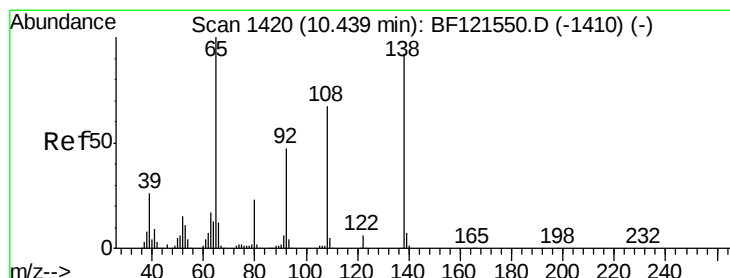
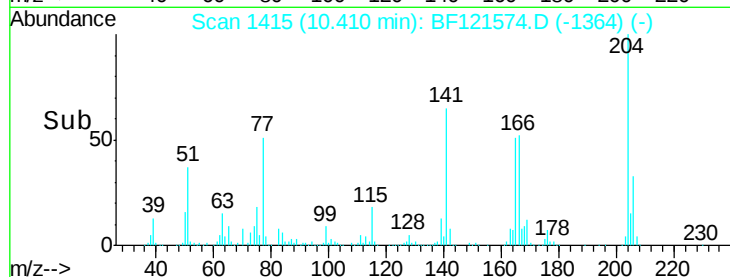
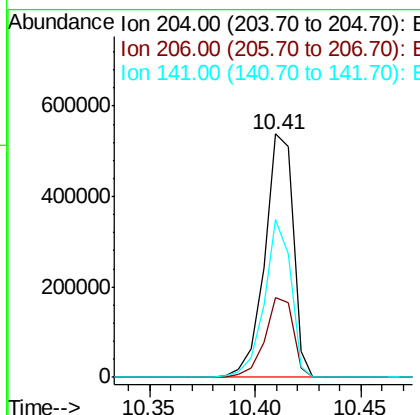
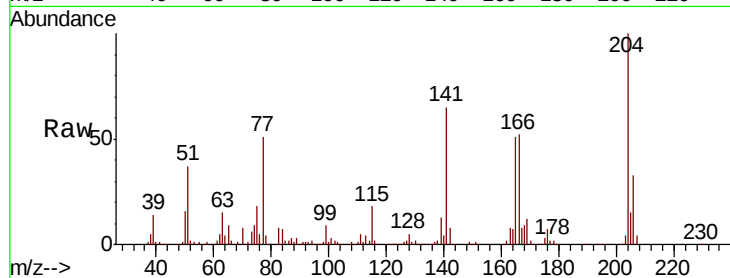
#61
4-Chlorophenyl-phenylether
Concen: 37.059 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampled :
357MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	64.9	48.3	72.5

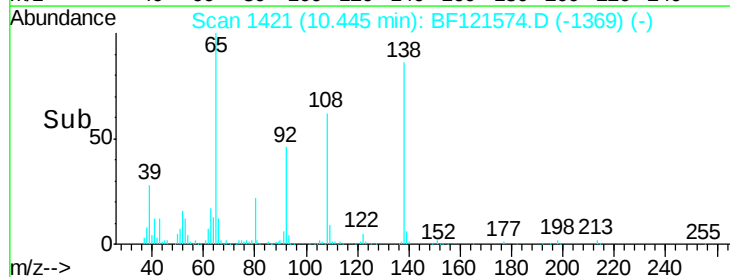
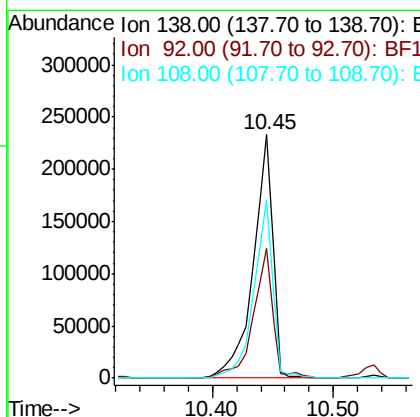
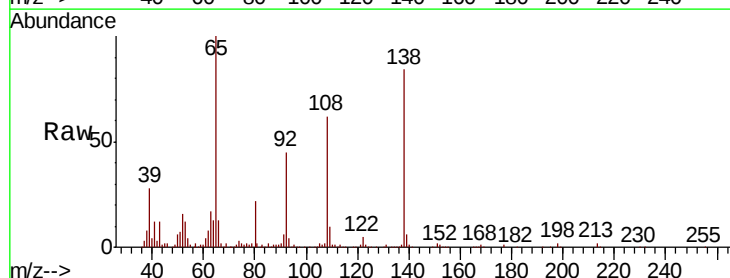
Manual Integrations
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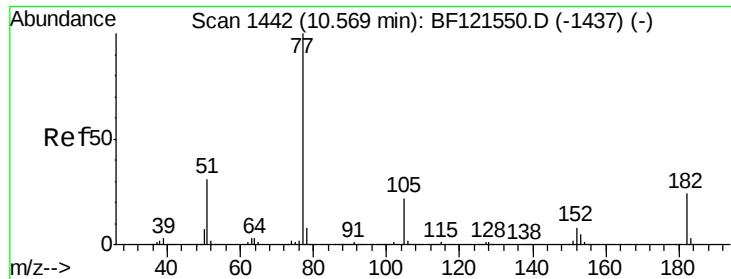
mohammad
9/16/2020 10:14:41 AM



#62
4-Nitroaniline
Concen: 34.667 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.3	31.4	71.4
108	73.0	52.4	92.4





#63

Azobenzene

Concen: 36.594 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion: 77 Resp: 1192030

Ion Ratio Lower Upper

77 100

182 26.9 3.9 43.9

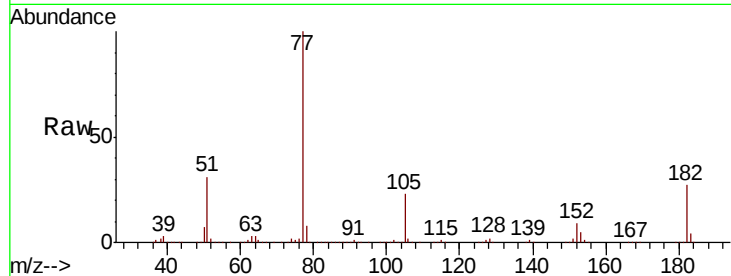
105 22.5 2.2 42.2

51 30.9 11.1 51.1

Manual Integrations
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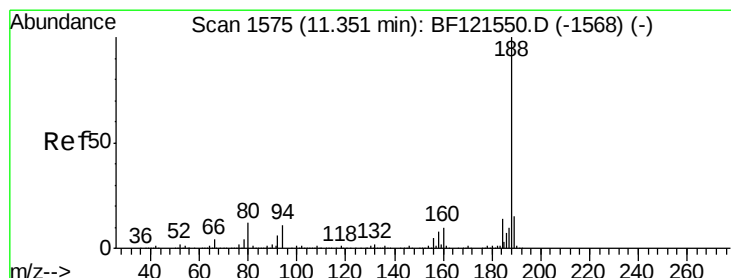
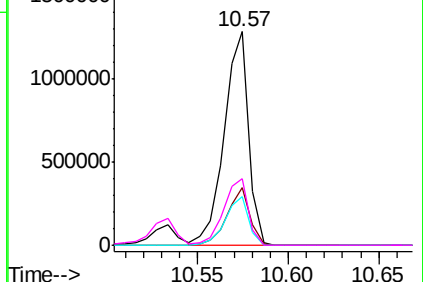
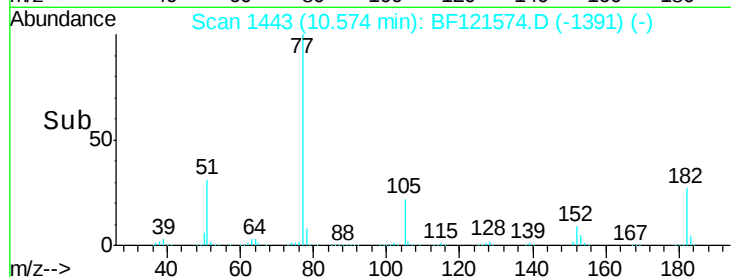


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

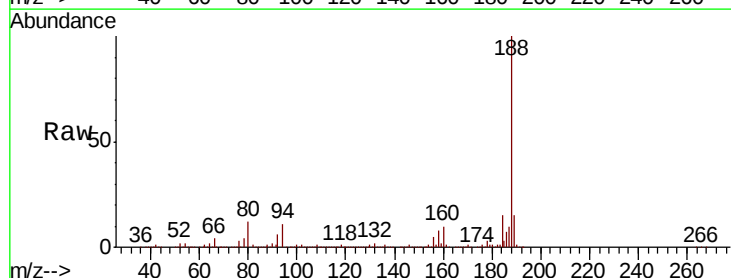
Tgt Ion: 188 Resp: 759224

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

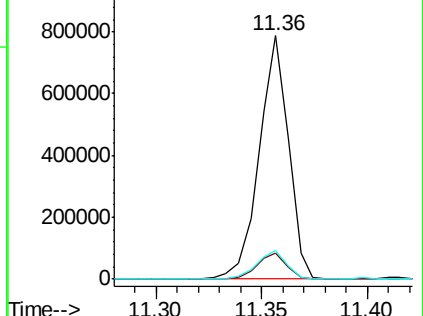
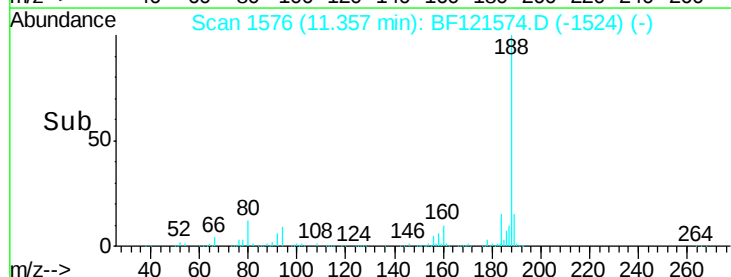
80 11.7 9.3 13.9

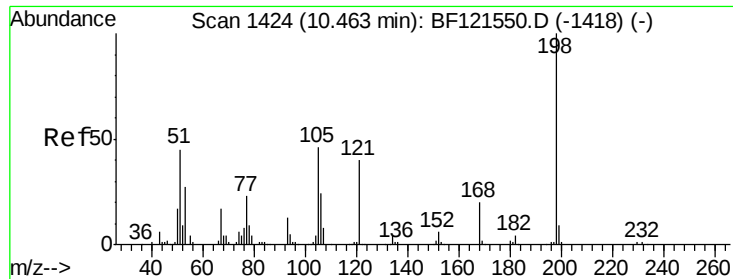


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





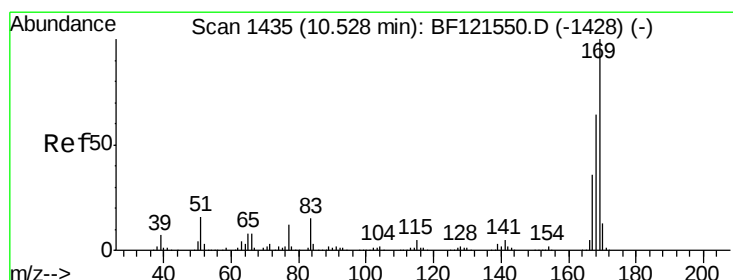
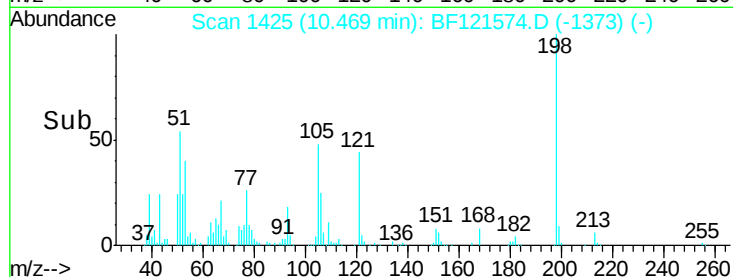
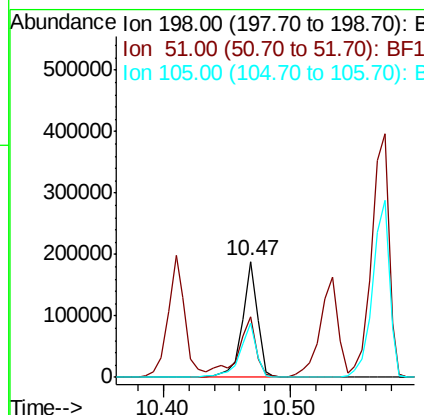
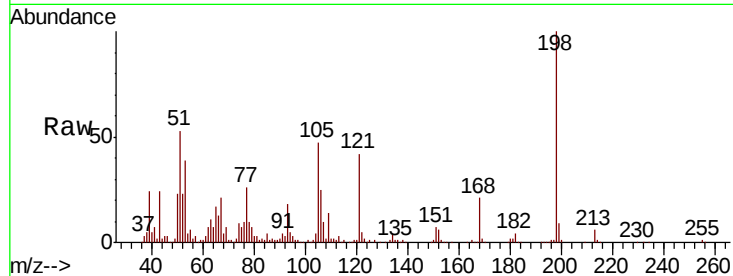
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.273 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampled :
 357MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	154458		
51	52.7	31.1	71.1	
105	46.7	26.6	66.6	

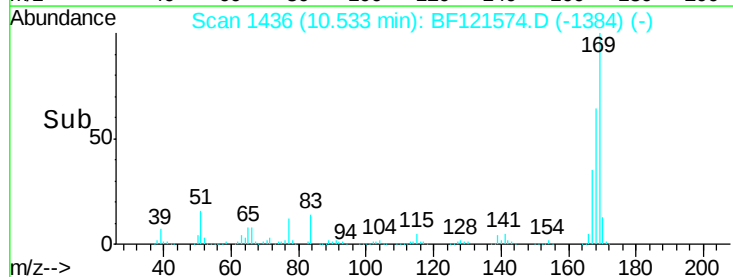
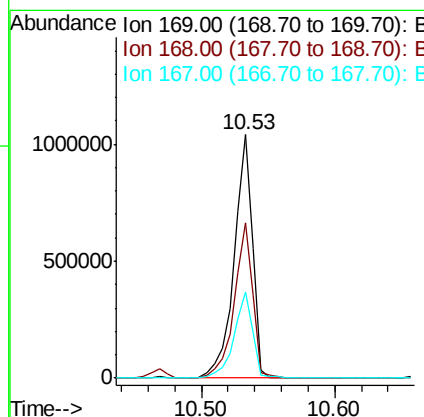
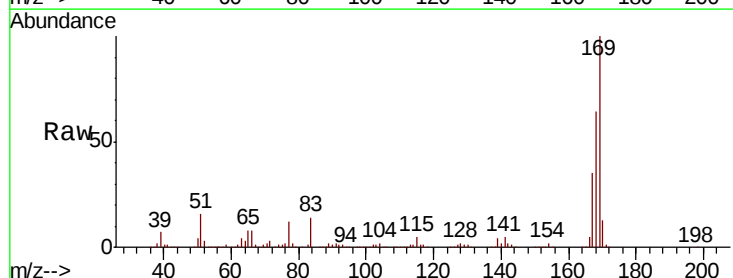
Manual Integrations
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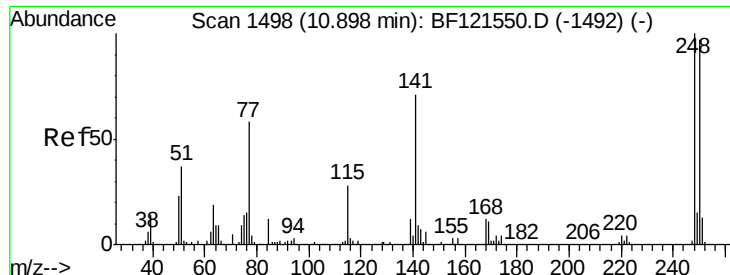
mohammad
 9/16/2020 10:14:41 AM



#66
 n-Nitrosodiphenylamine
 Concen: 38.840 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1011667		
168	64.0	51.2	76.8	
167	35.4	28.9	43.3	





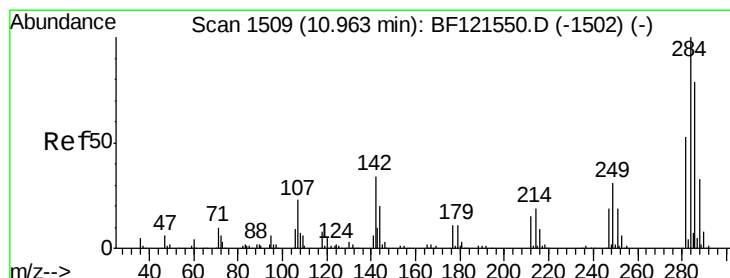
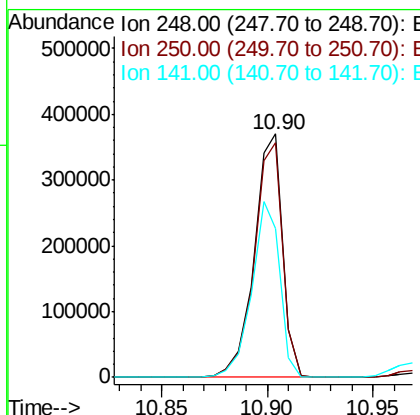
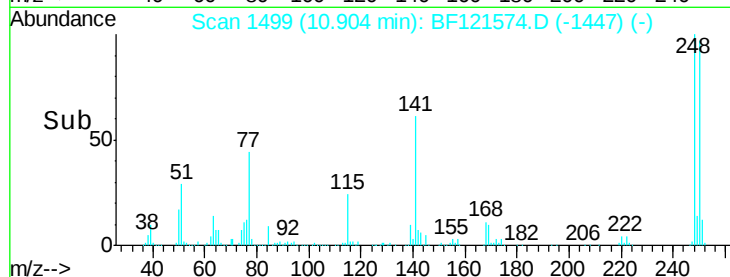
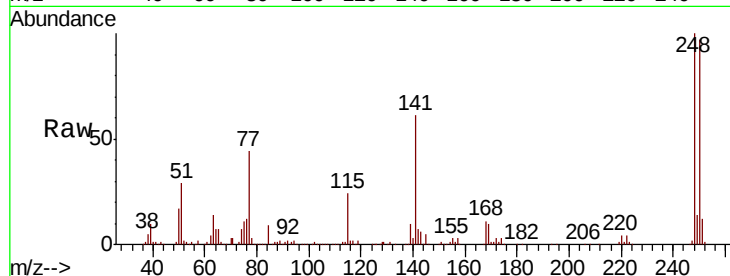
#67
 4-Bromophenyl-phenylether
 Concen: 39.927 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampled :
 357MSD

Tot Ion:	248	Resp:	345131
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.4	116.0
141	61.0	56.7	85.1

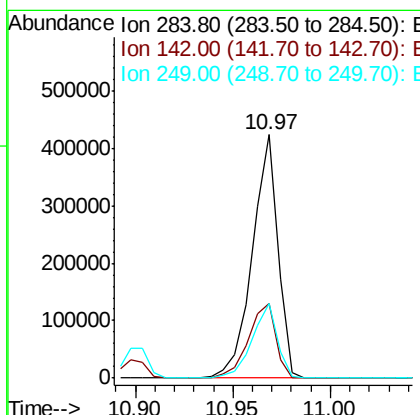
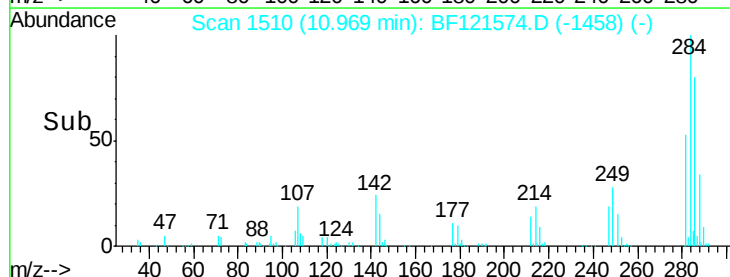
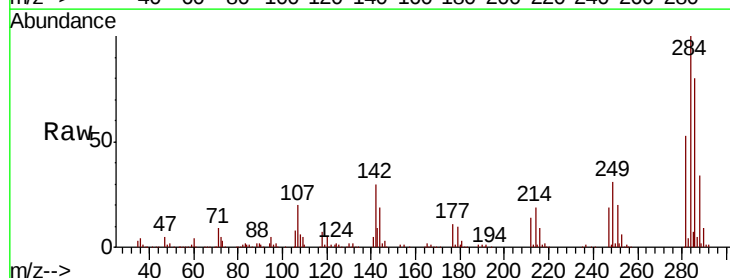
Manual Integrations
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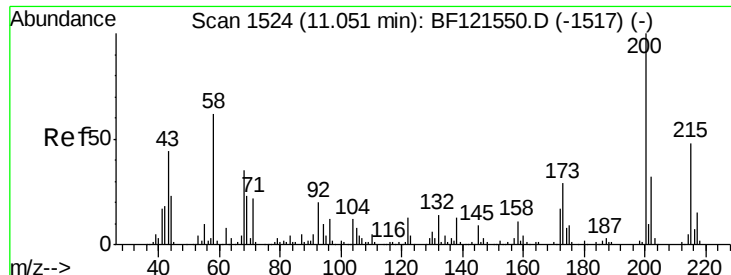
mohammad
 9/16/2020 10:14:41 AM



#68
 Hexachlorobenzene
 Concen: 39.475 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:	284	Resp:	385084
Ion Ratio	Lower	Upper	
284	100		
142	30.4	27.0	40.4
249	30.7	24.7	37.1





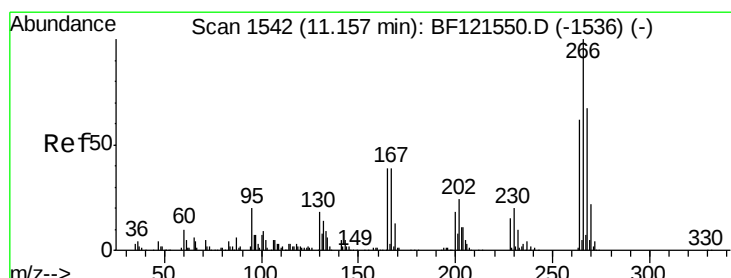
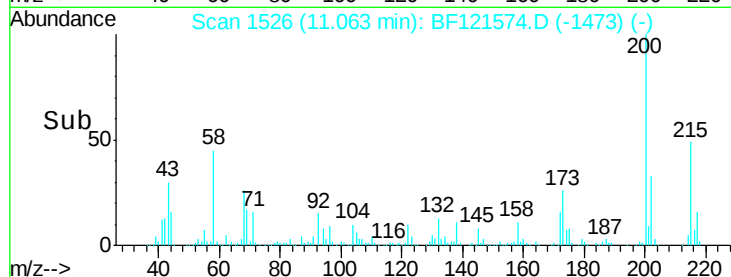
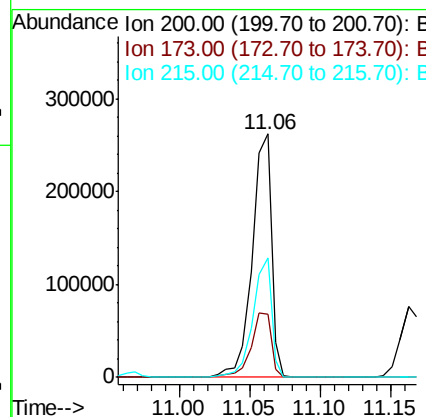
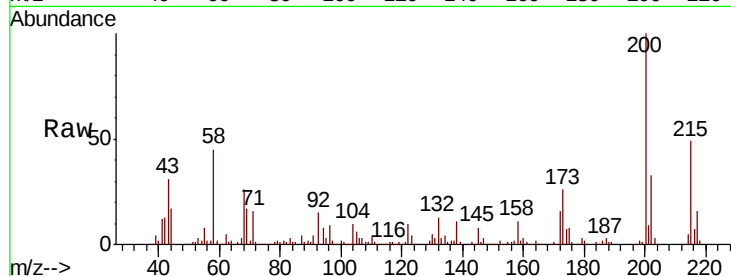
#69
Atrazine
Concen: 38.998 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	8.5	48.5
215	49.1	27.8	67.8

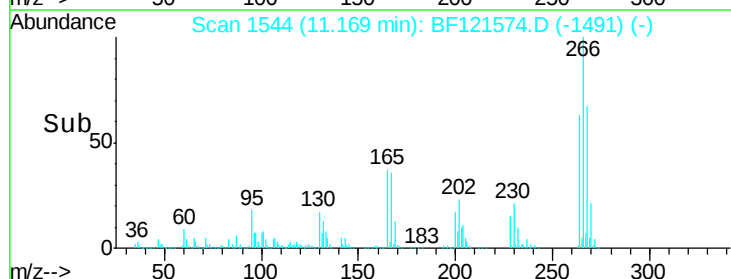
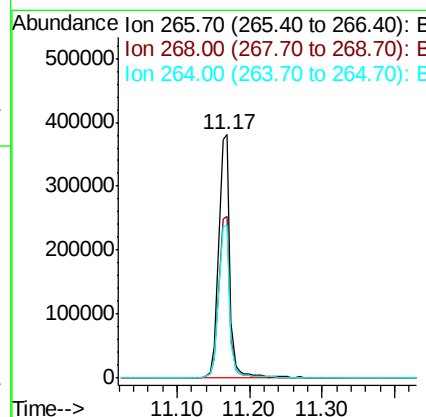
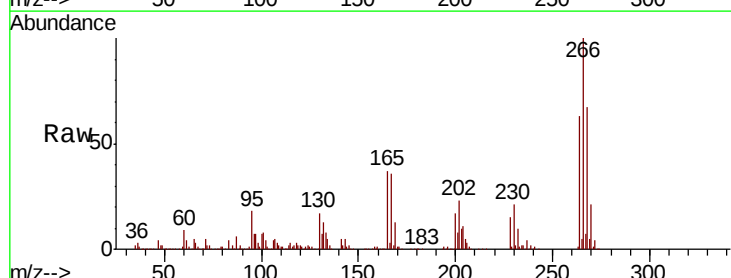
Manual Integrations
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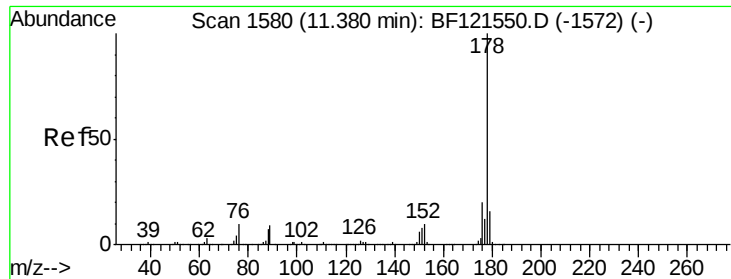
mohammad
9/16/2020 10:14:41 AM



#70
Pentachlorophenol
Concen: 77.202 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	53.5	80.3
264	62.8	49.8	74.8





#71

Phenanthrene

Concen: 38.995 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion:178 Resp: 1613044

Ion Ratio Lower Upper

178 100

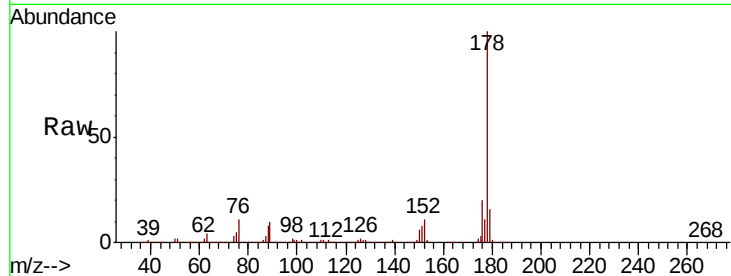
176 20.3 16.2 24.4

179 16.0 12.6 19.0

Manual Integrations
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mohammad

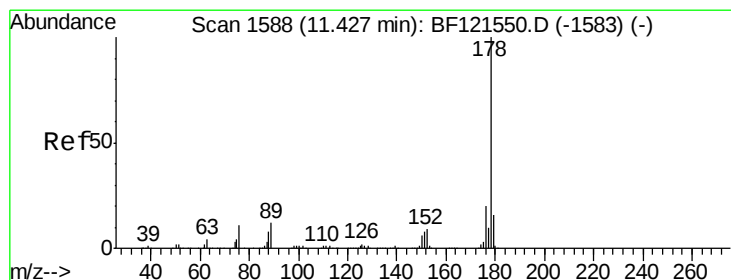
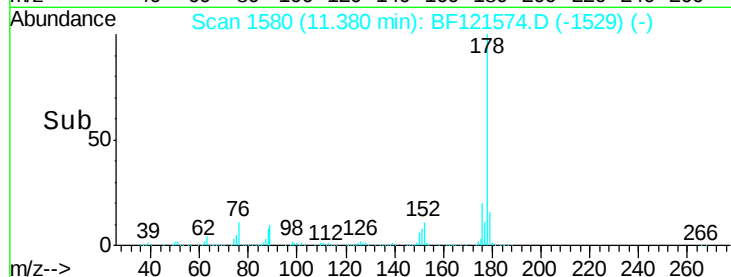
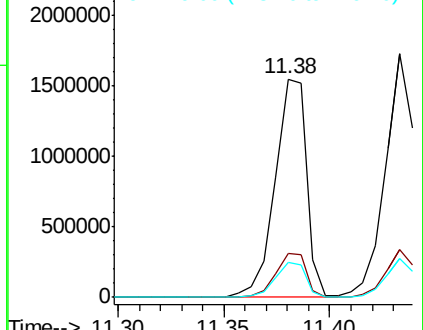
9/16/2020 10:14:41 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.974 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:178 Resp: 1621009

Ion Ratio Lower Upper

178 100

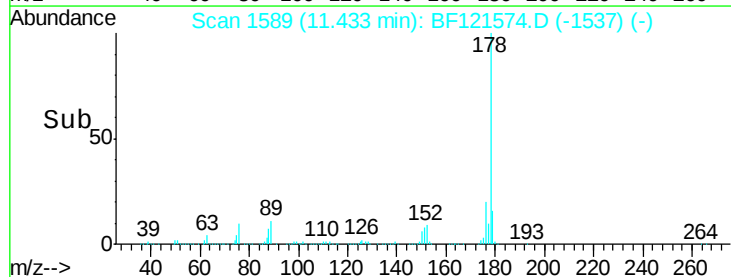
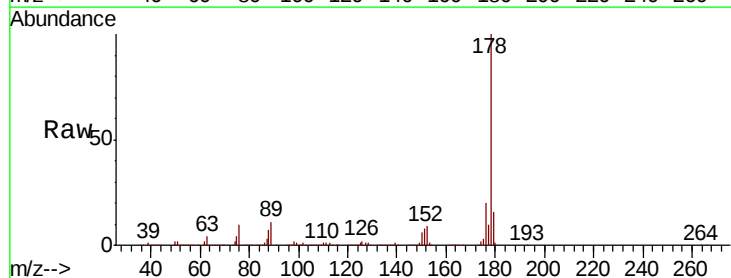
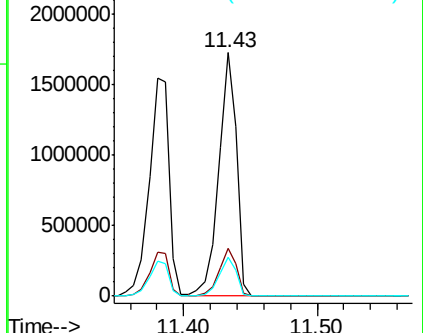
176 19.8 15.7 23.5

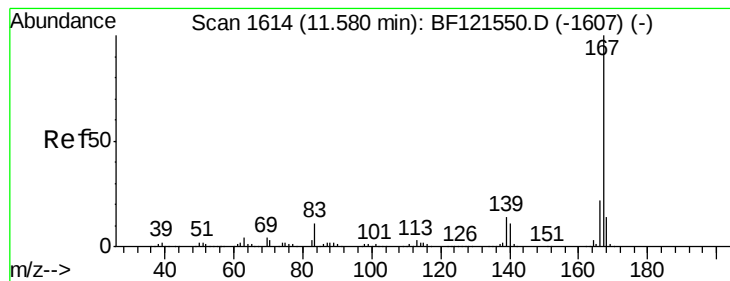
179 15.8 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.230 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion:167 Resp: 1626757

Ion Ratio Lower Upper

167 100

166 22.4 17.9 26.9

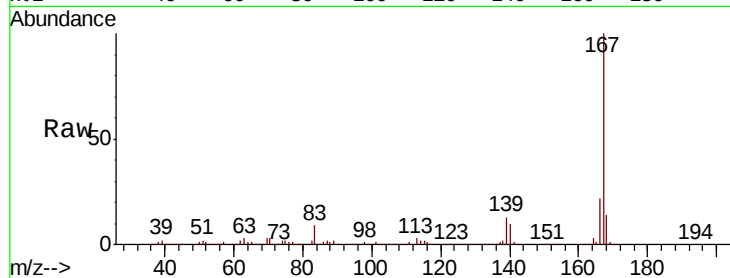
139 13.4 11.2 16.8

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mohammad

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.59

2000000

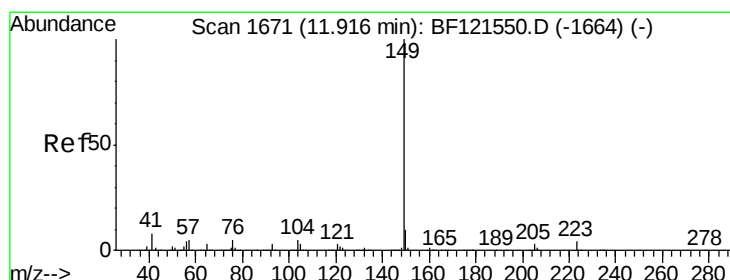
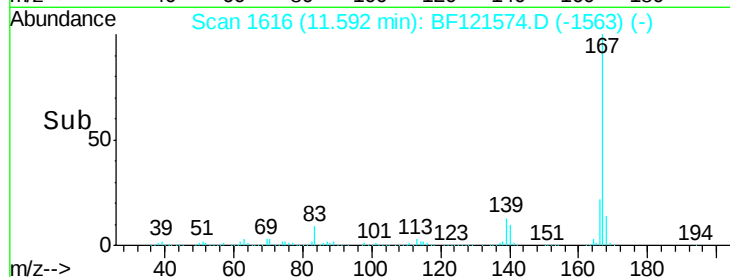
1500000

1000000

500000

0

Time-->



#74

Di-n-butylphthalate

Concen: 45.537 ng

RT: 11.92 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

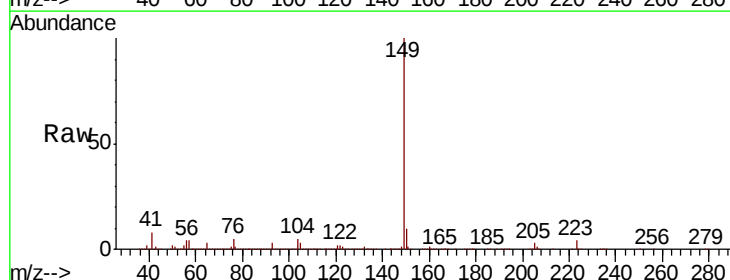
Tgt Ion:149 Resp: 2024601

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.92

2500000

2000000

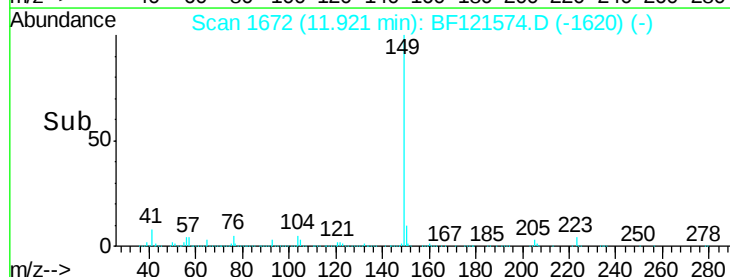
1500000

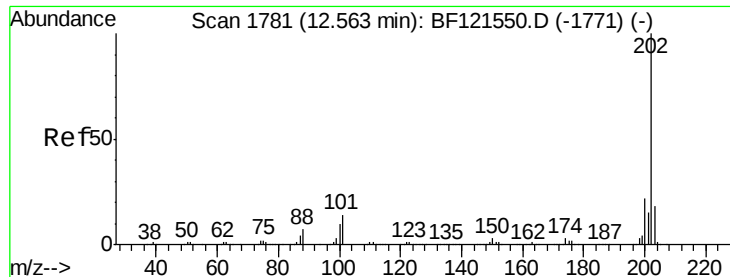
1000000

500000

0

Time-->





#75

Fluoranthene

Concen: 43.560 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

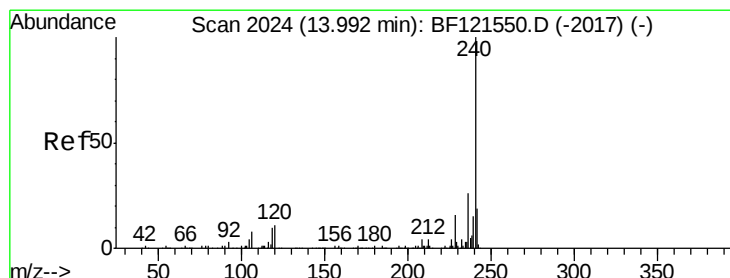
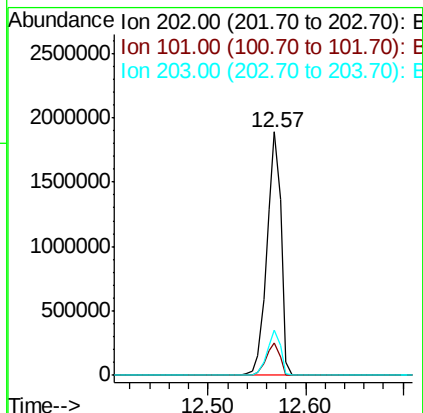
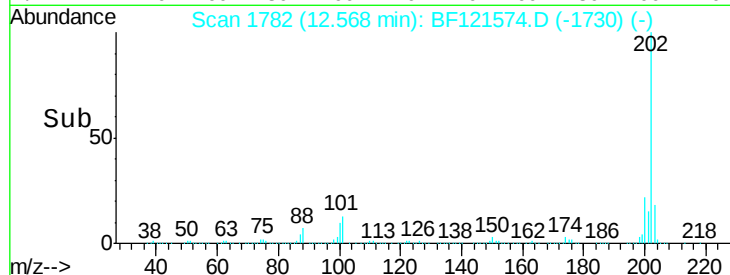
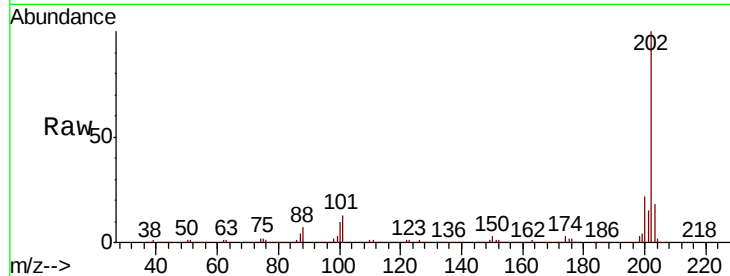
ClientSampleId :

357MSD

Tot Ion:	202	Resp:	1923491
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.0
203	18.3	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

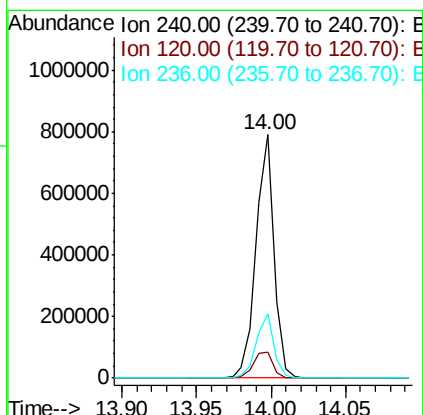
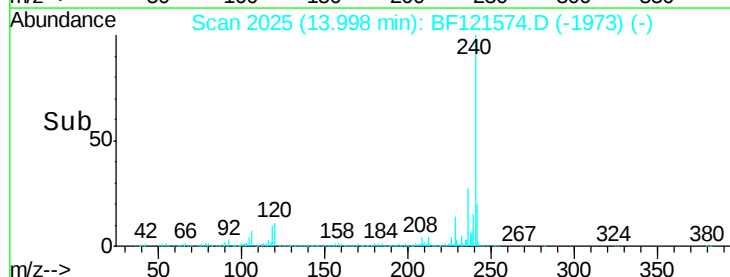
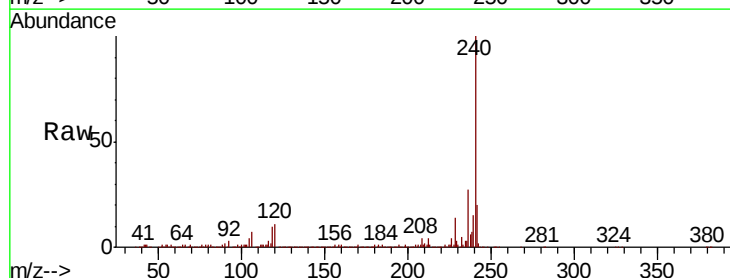
RT: 14.00 min Scan# 2025

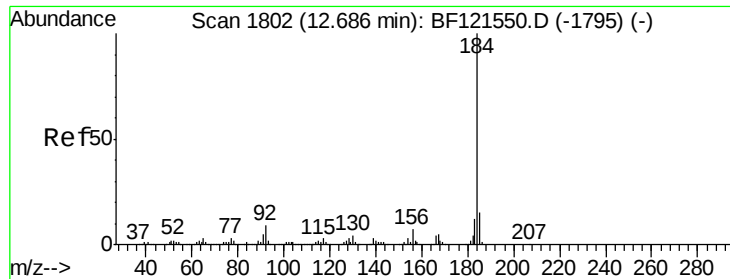
Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion:	240	Resp:	653532
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.2	13.8
236	26.6	20.5	30.7





#77

Benzidine

Concen: 22.716 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion:184 Resp: 492168

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

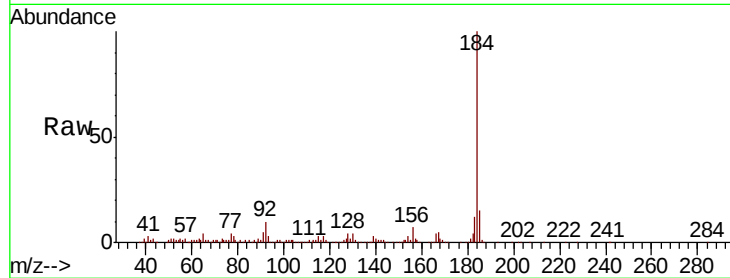
183 11.5 9.5 14.3

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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.69

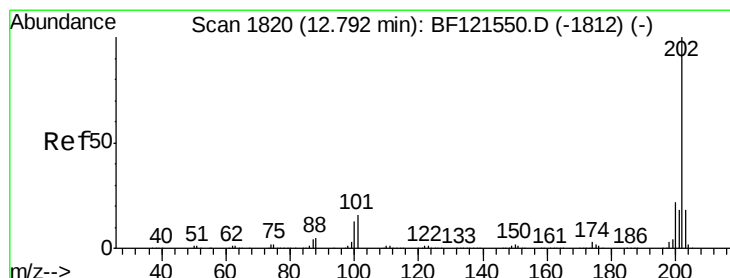
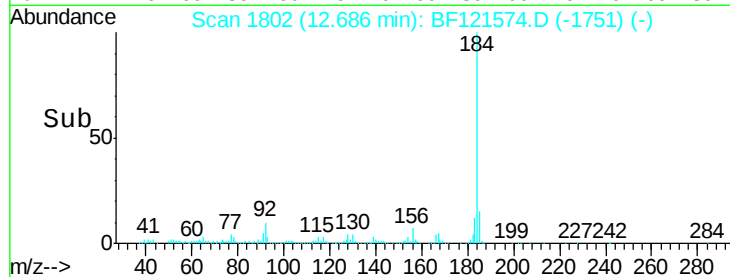
600000

400000

200000

0

Time--> 12.60 12.70 12.80



#78

Pyrene

Concen: 40.062 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

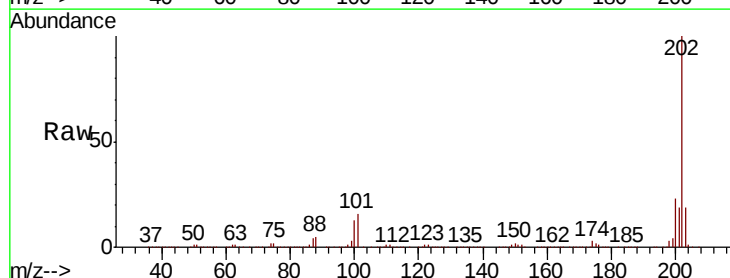
Tgt Ion:202 Resp: 1912943

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

203 18.6 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.80

2500000

2000000

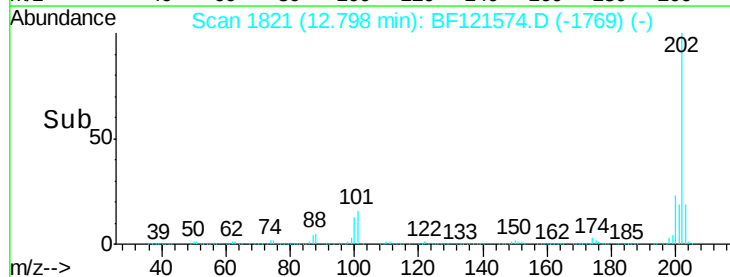
1500000

1000000

500000

0

Time--> 12.70 12.80 12.90





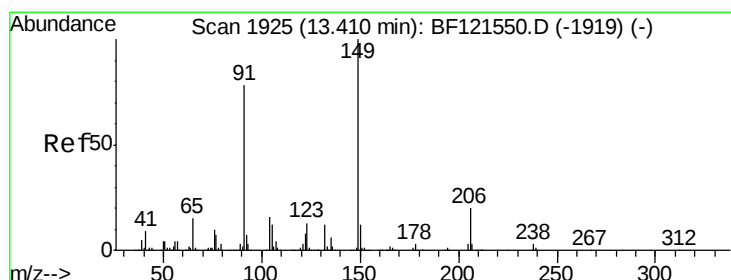
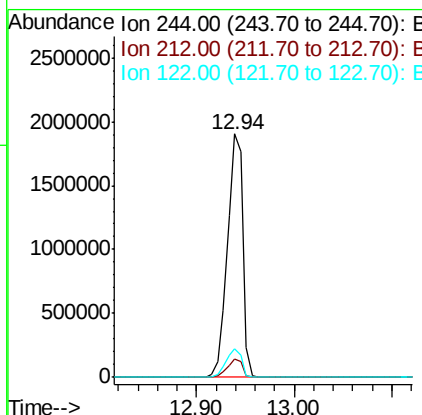
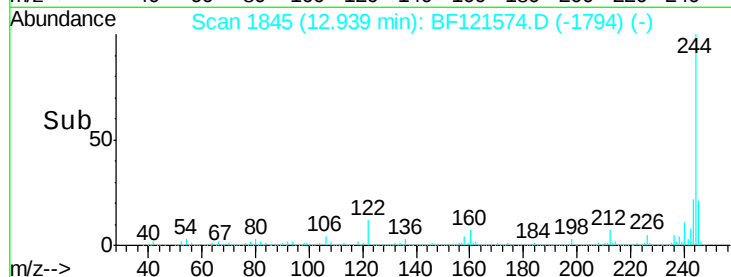
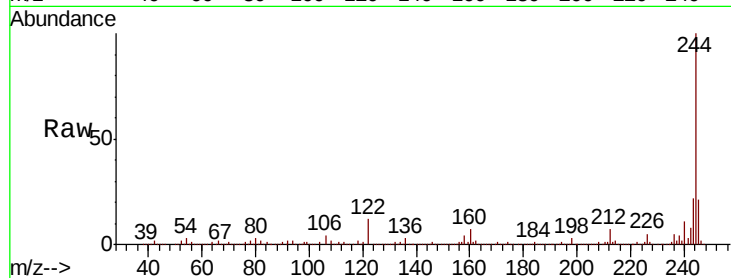
#79
 Terphenyl-d14
 Concen: 64.475 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.7	8.7	13.1

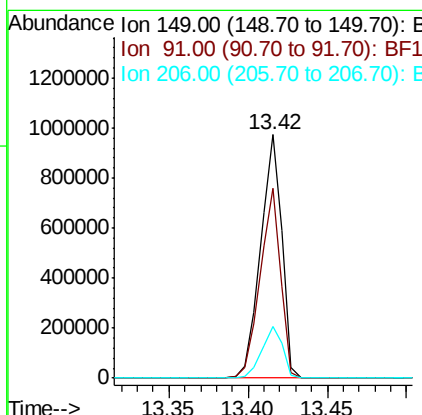
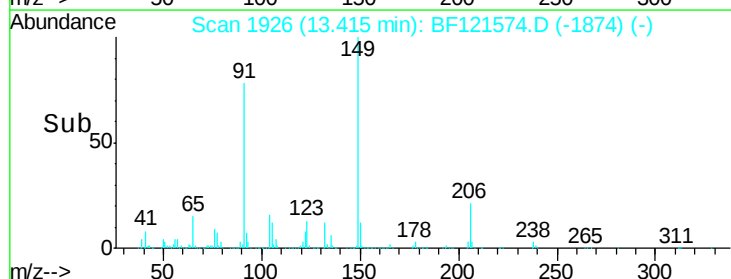
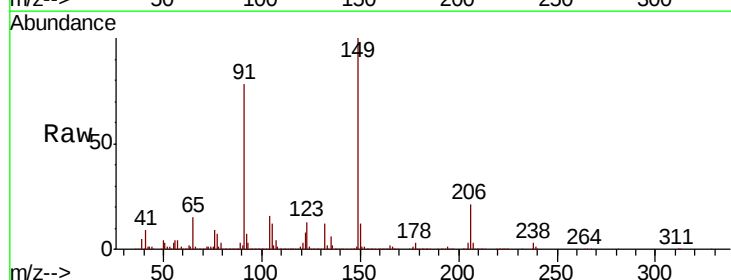
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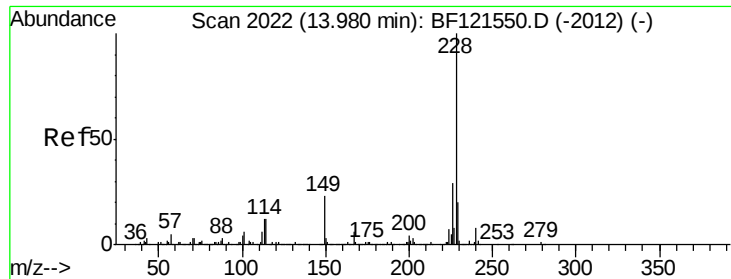
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.270 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.1	62.6	94.0
206	21.1	15.8	23.6





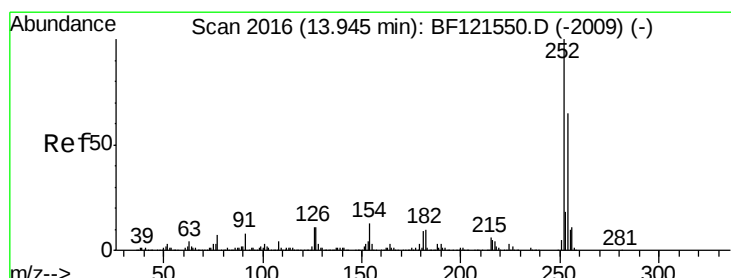
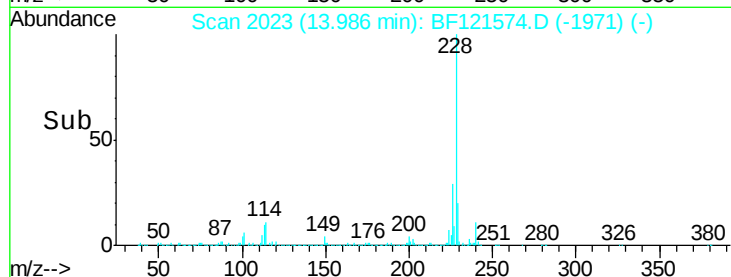
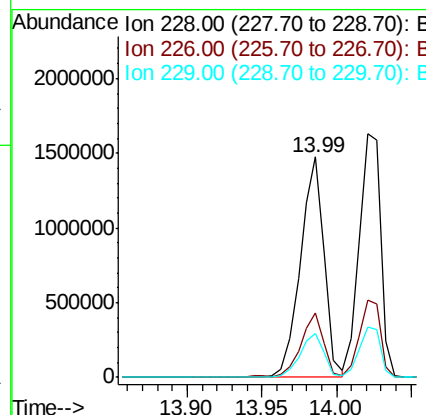
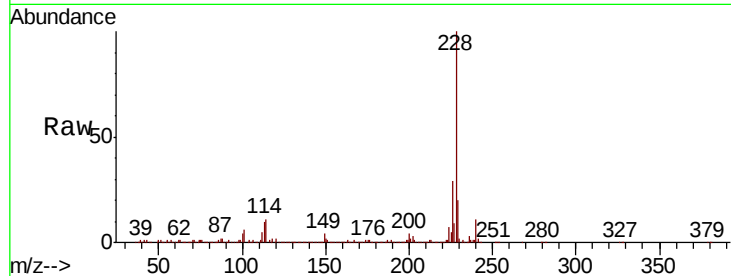
#81
Benzo(a)anthracene
Concen: 39.412 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.9	34.3
229	20.1	16.3	24.5

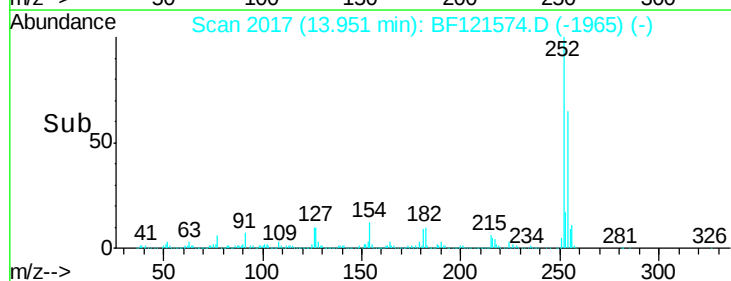
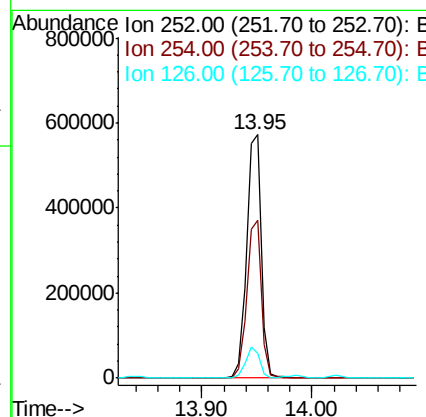
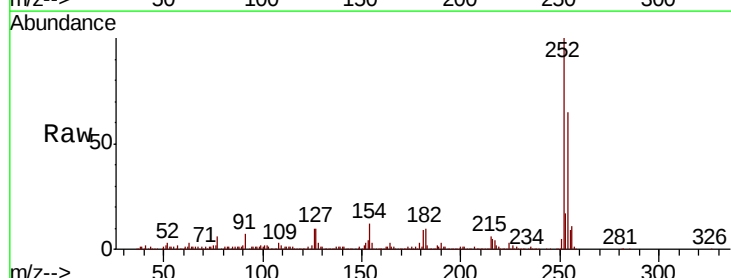
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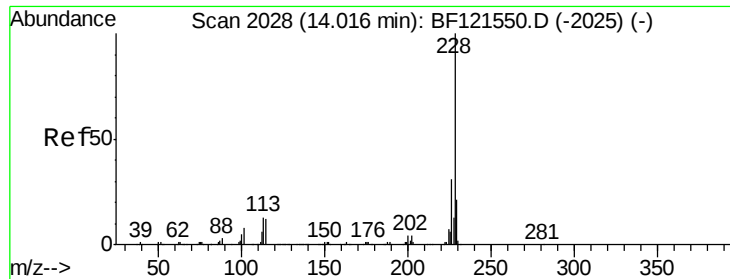
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#82
3,3'-Dichlorobenzidine
Concen: 33.374 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	10.4	9.1	13.7





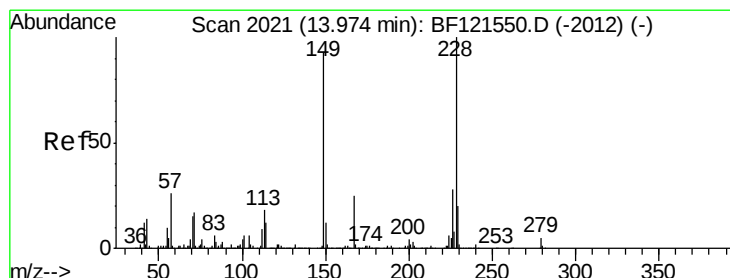
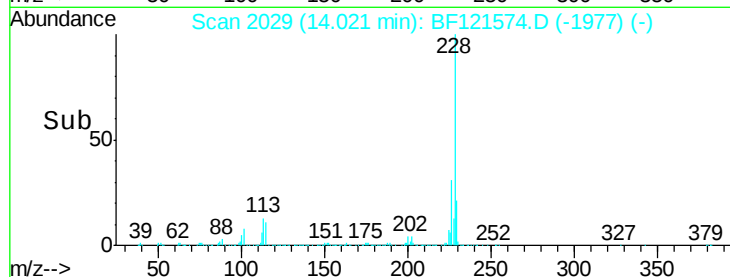
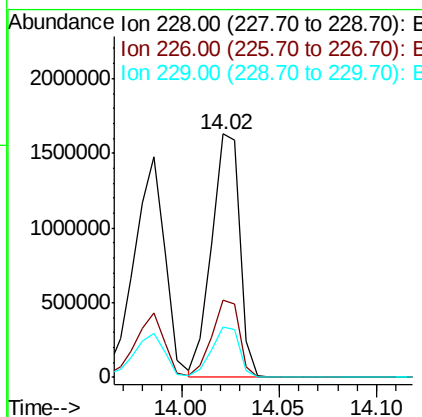
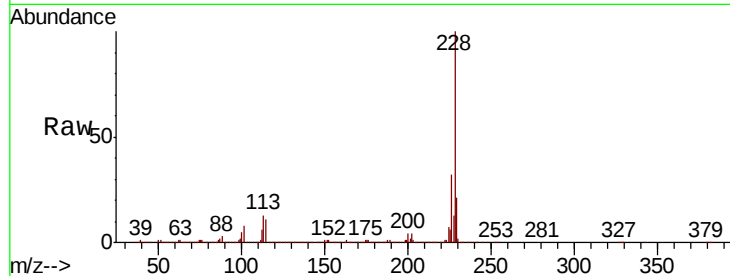
#83
Chrysene
Concen: 38.825 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:228 Resp: 1625527
Ion Ratio Lower Upper
228 100
226 31.6 25.1 37.7
229 20.6 16.6 25.0

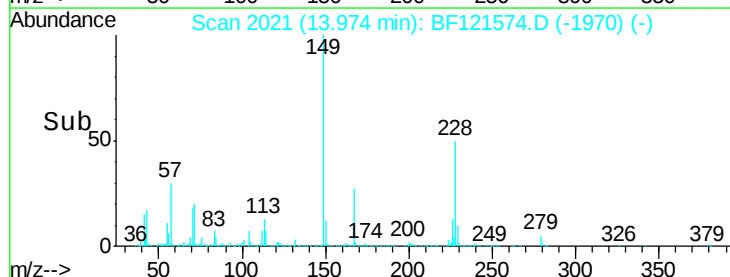
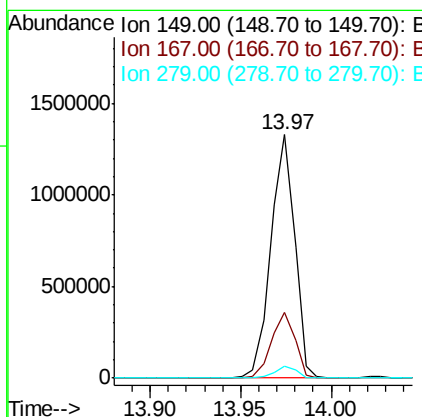
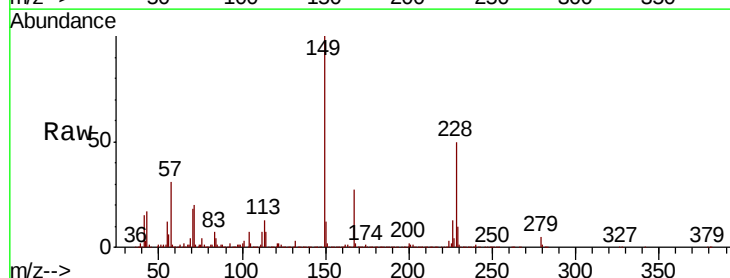
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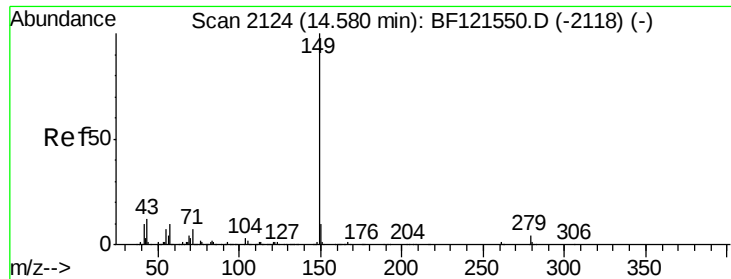
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.915 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:149 Resp: 1210334
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.7 4.1 6.1





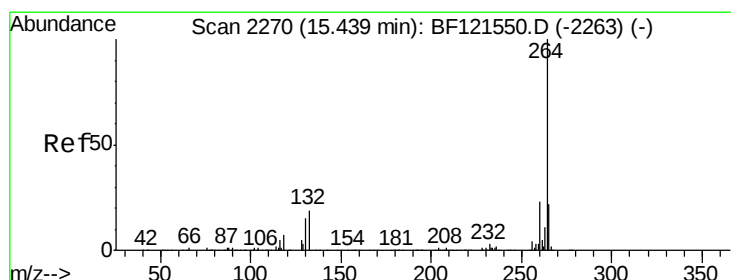
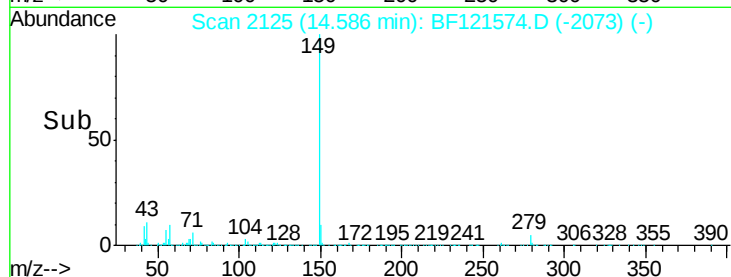
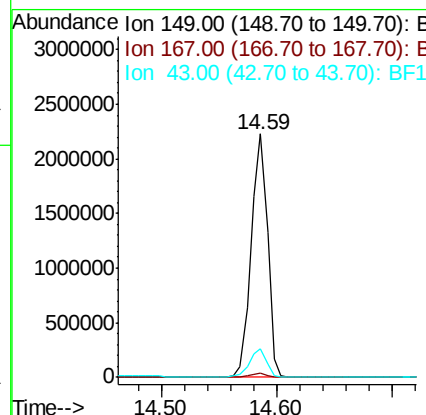
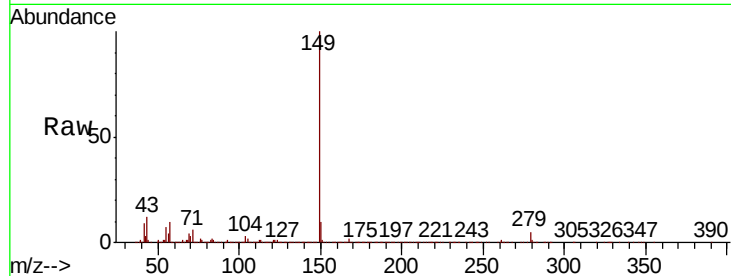
#85
Di-n-octyl phthalate
Concen: 47.732 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.6	9.4	14.0

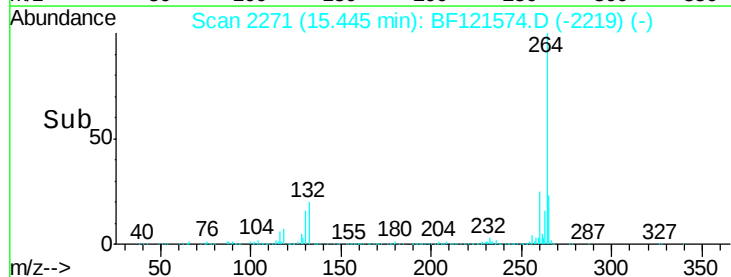
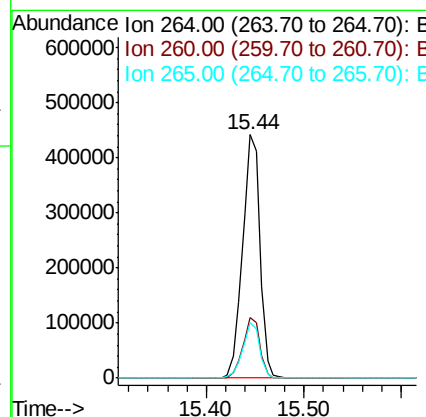
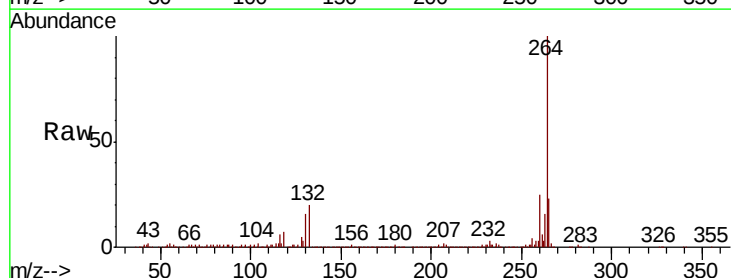
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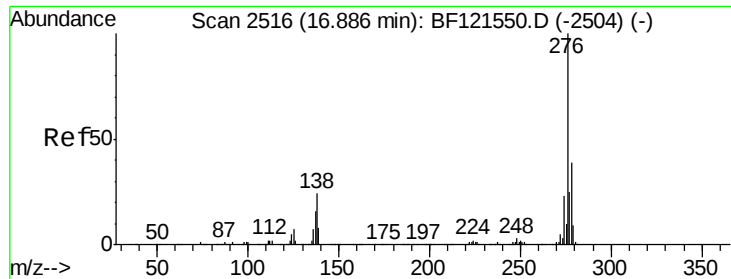
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	22.7	17.8	26.6





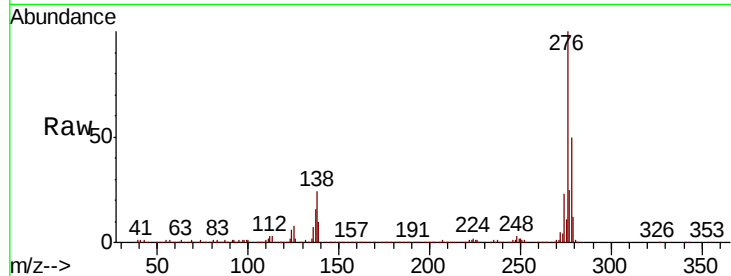
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.749 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

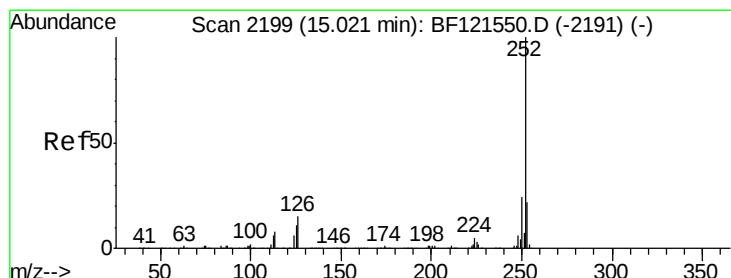
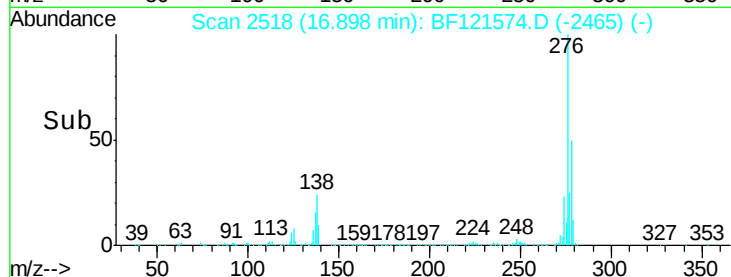
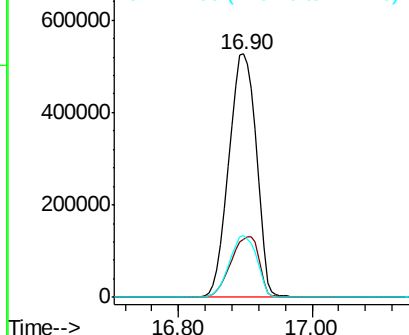
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	31.0
277	25.4	20.2	30.4

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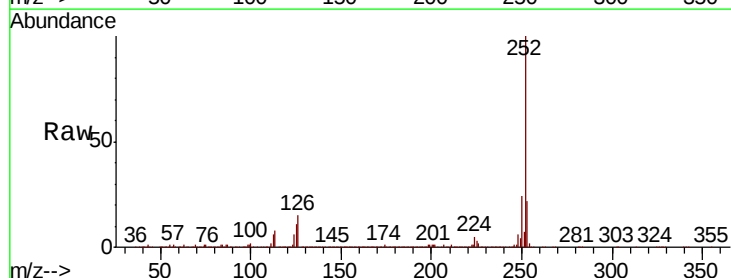


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

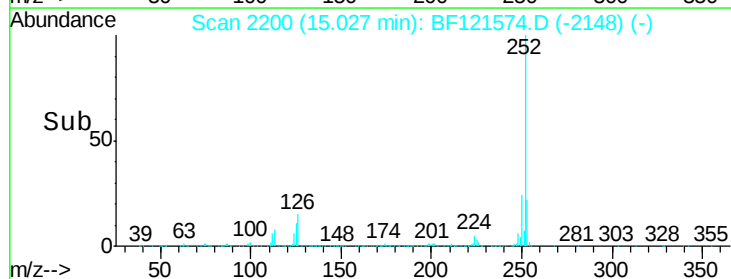
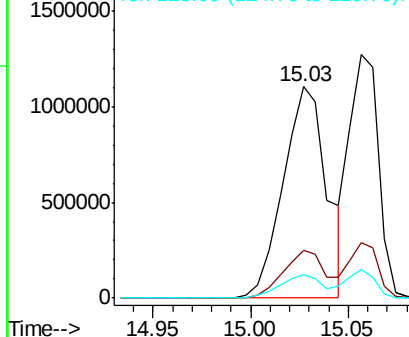


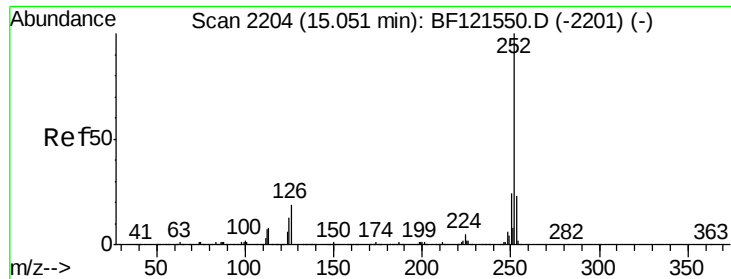
#88
 Benzo(b)fluoranthene
 Concen: 46.655 ng
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.4	9.2	13.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





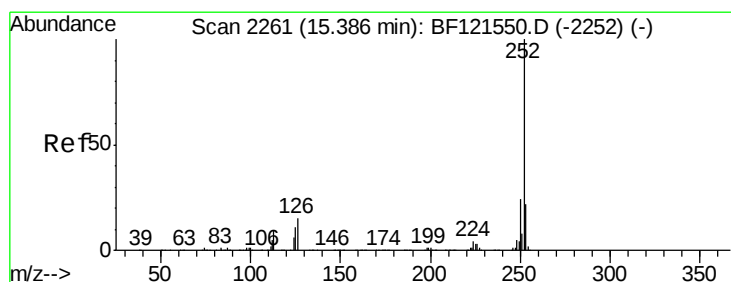
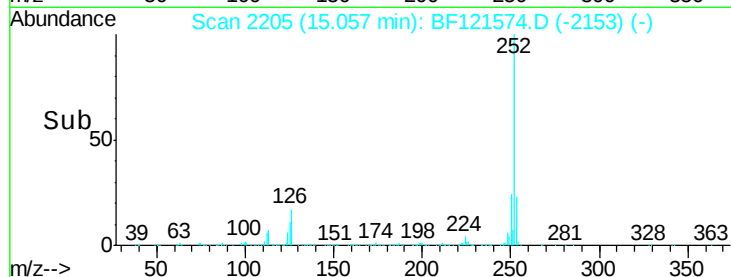
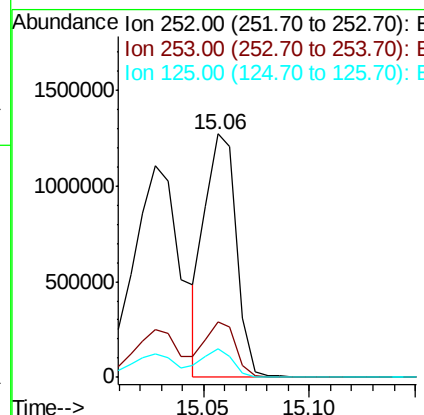
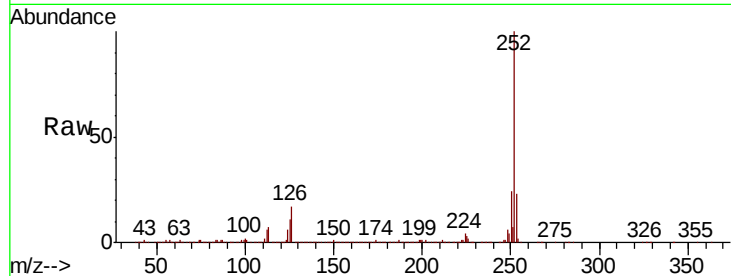
#89
Benzo(k)fluoranthene
Concen: 38.953 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.5	9.8	14.6

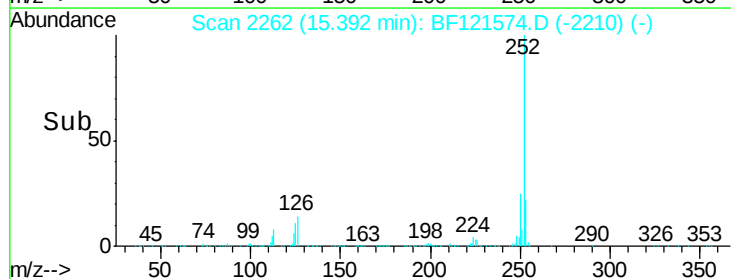
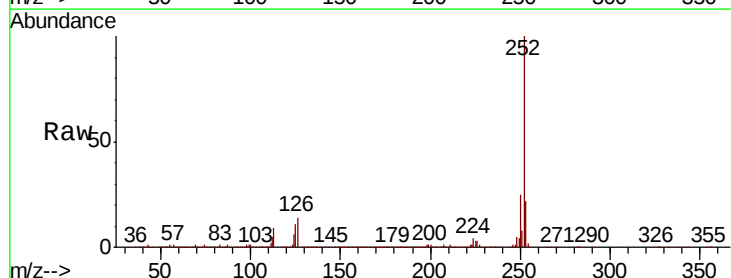
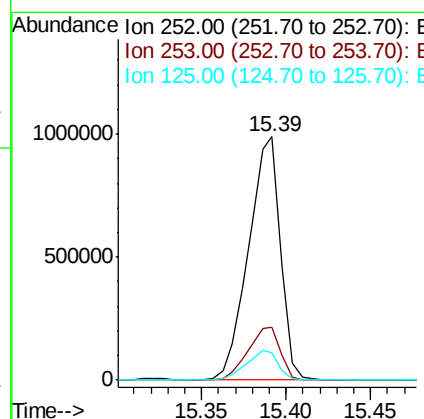
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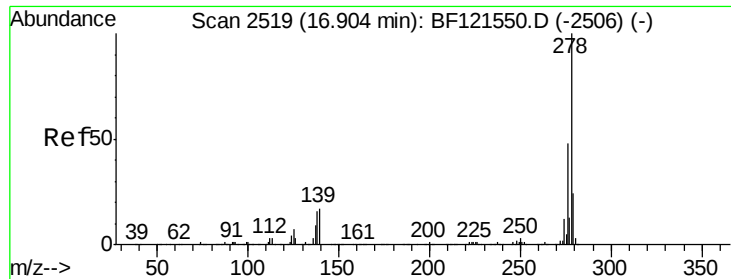
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#90
Benzo(a)pyrene
Concen: 41.690 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.3	9.0	13.4





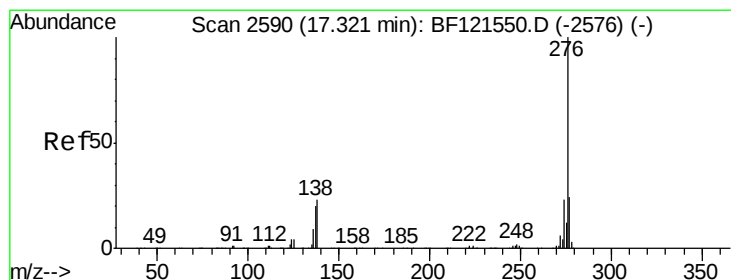
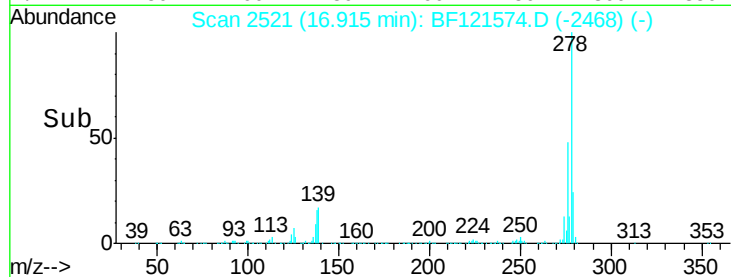
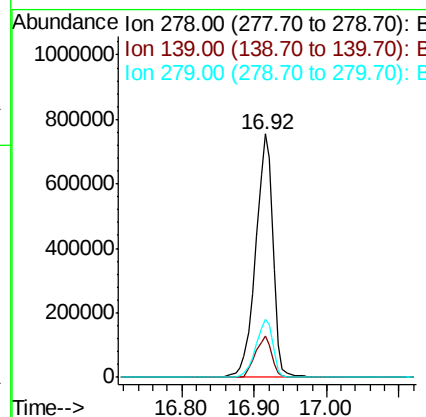
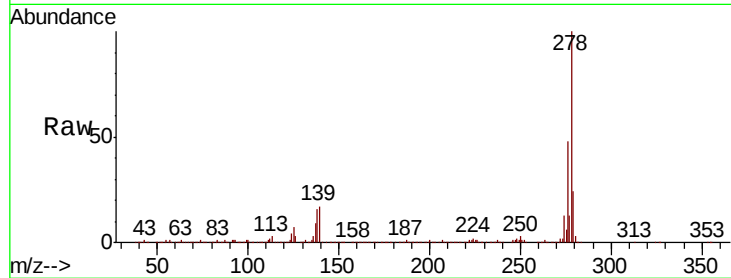
#91
Dibenzo(a,h)anthracene
Concen: 42.014 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.9	20.9
279	23.8	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 44.001 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.02 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	21.5	18.7	28.1

