

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120934.D
 Acq On : 20 Jul 2020 15:39
 Operator : JU/CG
 Sample : L3344-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Manual Integrations
 APPROVED

mohammad
 7/21/2020 11:32:39 AM

Quant Time: Jul 20 16:09:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188563	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	739942	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	395977	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	770939	20.00	ng	0.00
76) Chrysene-d12	13.98	240	583630	20.00	ng	0.00
86) Perylene-d12	15.43	264	600343	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	852889	74.15	ng	0.01
7) Phenol-d6	6.45	99	1075281	72.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	666749	52.14	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	335957	77.51	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1301879	49.09	ng	0.00
79) Terphenyl-d14	12.92	244	1371404	51.08	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.62	88	247921	46.833	ng	99
3) Pyridine	3.36	79	679982	48.287	ng	99
4) n-Nitrosodimethylamine	3.32	42	306906	50.967	ng	91
6) Aniline	6.48	93	678872	35.003	ng	98
8) 2-Chlorophenol	6.60	128	667313	52.664	ng	96
9) Benzaldehyde	6.36	77	168270	20.142	ng	97
10) Phenol	6.46	94	812939	49.739	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	617884	49.328	ng	99
12) 1,3-Dichlorobenzene	6.76	146	662396	48.209	ng	99
13) 1,4-Dichlorobenzene	6.83	146	656185	48.028	ng	100
14) 1,2-Dichlorobenzene	6.99	146	637294	49.306	ng	99
15) Benzyl Alcohol	6.96	79	526641	50.121	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	874248	48.423	ng	99
17) 2-Methylphenol	7.07	107	526305	46.862	ng	99
18) Hexachloroethane	7.33	117	250238	50.604	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	408376	48.336	ng	99
20) 3+4-Methylphenols	7.23	107	572515	40.073	ng	91
22) Acetophenone	7.23	105	770830	46.417	ng	# 93
24) Nitrobenzene	7.40	77	671525	48.722	ng	98
25) Isophorone	7.65	82	1249156	48.945	ng	100
26) 2-Nitrophenol	7.72	139	359295	54.889	ng	98
27) 2,4-Dimethylphenol	7.76	122	564499	53.115	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	791681	50.817	ng	99
29) 2,4-Dichlorophenol	7.96	162	553130	50.932	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	581711	48.279	ng	97
31) Naphthalene	8.12	128	1805221	47.561	ng	99
32) Benzoic acid	7.90	122	428906	53.761	ng	98
33) 4-Chloroaniline	8.17	127	414413	24.476	ng	99
34) Hexachlorobutadiene	8.24	225	334967	47.159	ng	99
35) Caprolactam	8.56	113	181108m	52.002	ng	
36) 4-Chloro-3-methylphenol	8.66	107	582005	52.253	ng	99
37) 2-Methylnaphthalene	8.82	142	1222199	49.593	ng	98
38) 1-Methylnaphthalene	8.92	142	1160562	49.722	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	523825	45.404	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	626348	98.231	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	418680	51.542	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	442476	48.020	nq	99
46) 1,1'-Biphenyl	9.28	154	1425180	47.183	nq	99
47) 2-Chloronaphthalene	9.30	162	1141504	46.353	nq	98
48) 2-Nitroaniline	9.40	65	373002	50.120	nq	99
49) Acenaphthylene	9.72	152	1794579	46.908	nq	99
50) Dimethylphthalate	9.59	163	1570838	54.987	nq	99
51) 2,6-Dinitrotoluene	9.65	165	319408	52.043	nq	91
52) Acenaphthene	9.89	154	1250573m	51.415	nq	
53) 3-Nitroaniline	9.81	138	212787	27.644	nq	100
54) 2,4-Dinitrophenol	9.92	184	326462	91.351	nq	# 81
55) Dibenzofuran	10.06	168	1609060	45.746	nq	100
56) 4-Nitrophenol	9.98	139	584417	99.949	nq	99
57) 2,4-Dinitrotoluene	10.05	165	427217	53.006	nq	98
58) Fluorene	10.41	166	1140050	43.458	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	372700	53.124	nq	98
60) Diethylphthalate	10.29	149	1375676	47.609	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	560183	40.035	nq	98
62) 4-Nitroaniline	10.43	138	346099	46.158	nq	99
63) Azobenzene	10.56	77	1293574	47.024	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	232764	51.834	nq	96
66) n-Nitrosodiphenylamine	10.52	169	1162094	47.917	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	404206	47.026	nq	95
68) Hexachlorobenzene	10.95	284	452608	48.678	nq	95
69) Atrazine	11.05	200	354331	58.994	nq	98
70) Pentachlorophenol	11.15	266	511006	95.934	nq	100
71) Phenanthrene	11.37	178	1796847	45.318	nq	99
72) Anthracene	11.42	178	1838329	46.173	nq	99
73) Carbazole	11.57	167	1782281	45.108	nq	98
74) Di-n-butylphthalate	11.90	149	2125806	46.622	nq	99
75) Fluoranthene	12.56	202	2018088	45.919	nq	98
77) Benzidine	12.67	184	913070	59.504	nq	99
78) Pyrene	12.79	202	2040275	49.446	nq	99
80) Butylbenzylphthalate	13.40	149	951665	51.737	nq	98
81) Benzo(a)anthracene	13.97	228	1592134	45.050	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	509815	38.236	nq	99
83) Chrysene	14.01	228	1762551	47.456	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1057371	46.616	nq	# 99
85) Di-n-octyl phthalate	14.57	149	2197034	48.686	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1743257	41.753	nq	100
88) Benzo(b)fluoranthene	15.01	252	2009573	55.378	nq	99
89) Benzo(k)fluoranthene	15.04	252	1605174	48.502	nq	99
90) Benzo(a)pyrene	15.37	252	1658057	50.080	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1438440	42.177	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1375920	40.917	nq	100

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



#1

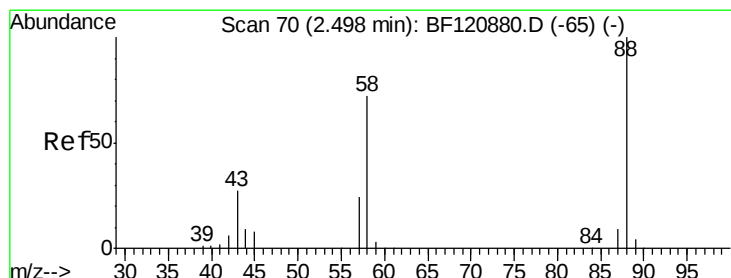
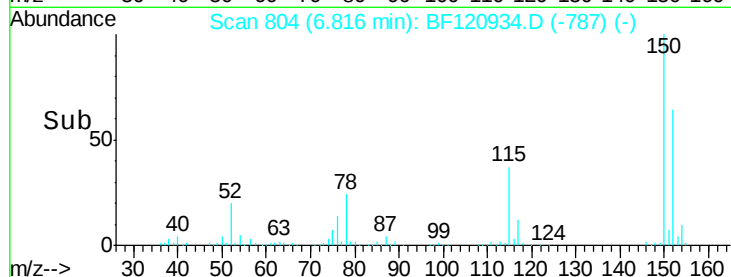
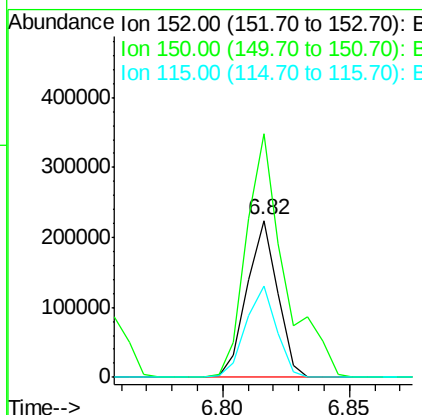
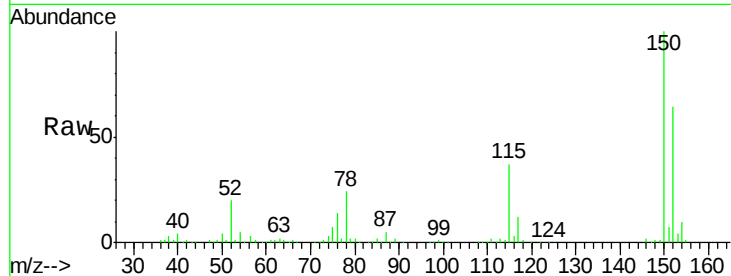
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.0	187.6
115	58.0	47.0	70.4

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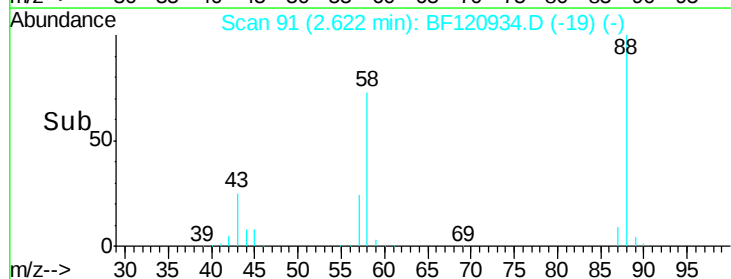
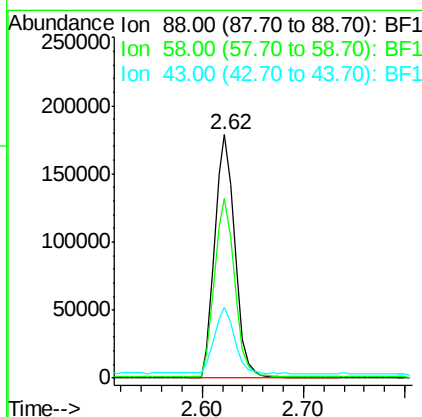
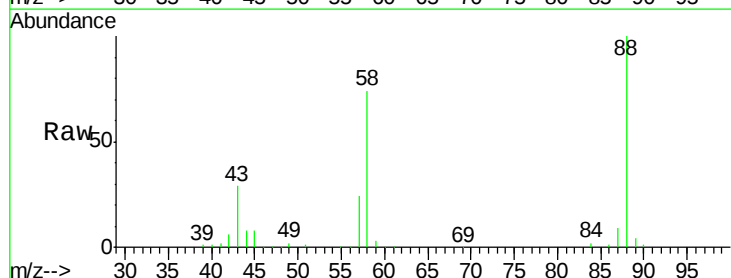
mohammad
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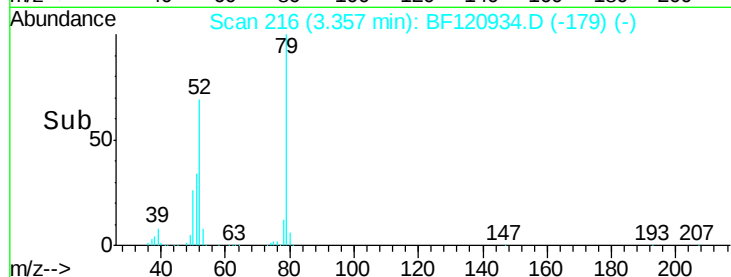
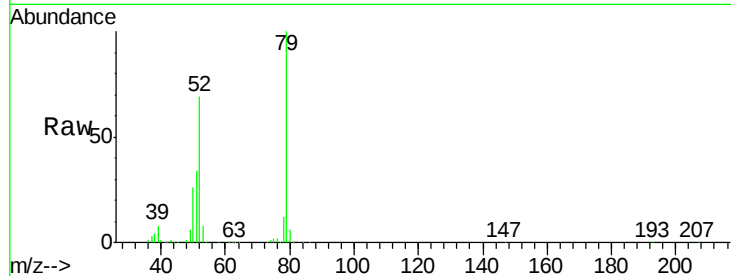


#2

1,4-Dioxane
Concen: 46.833 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.12 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.2	87.2
43	27.2	22.1	33.1





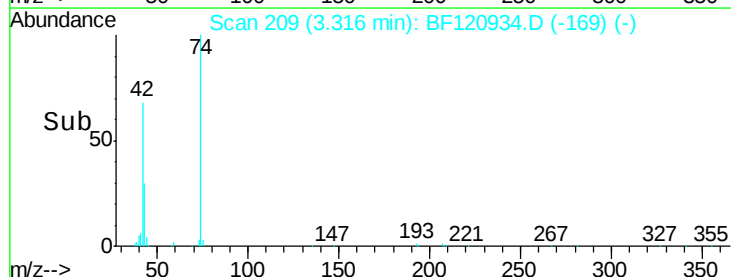
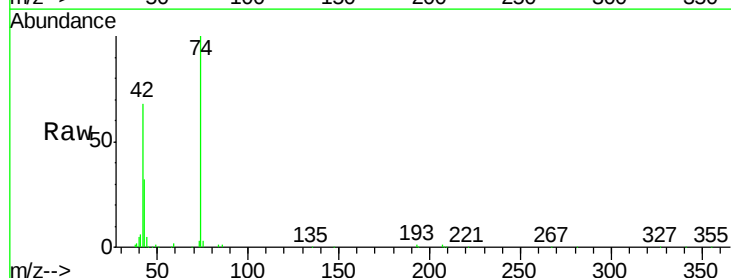
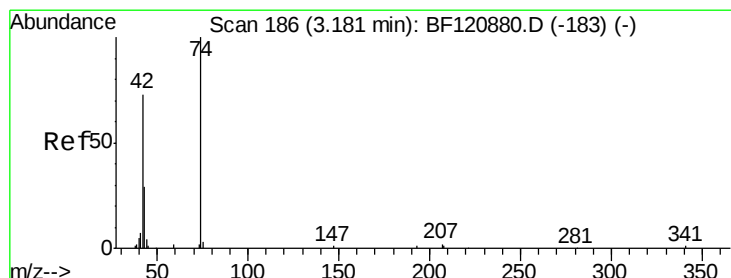
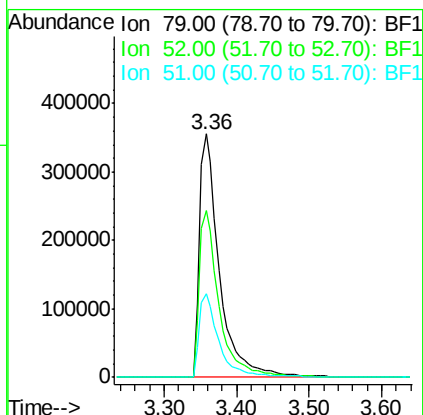
#3
Pvridine
Concen: 48.287 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.12 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tot Ion	Ratio	Resp	Lower	Upper
79	100	679982		
52	68.6		55.0	82.6
51	34.3		26.9	40.3

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

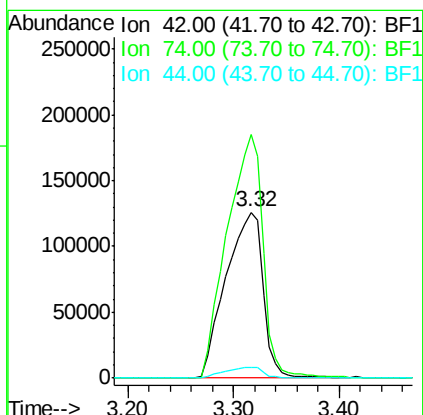
Manual Integrations
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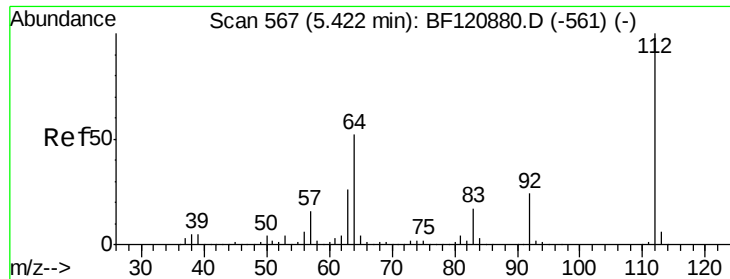
mohammad
7/21/2020 11:32:39 AM



#4
n-Nitrosodimethylamine
Concen: 50.967 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.14 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	306906		
74	146.5		108.7	163.1
44	6.7		5.2	7.8





#5

2-Fluorophenol

Concen: 74.150 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

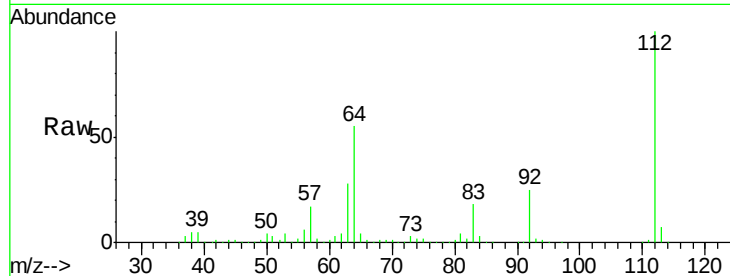
ClientSampleId :

TP-15-SMSD

Tot Ion:	112	Resp:	852889
Ion Ratio	Lower	Upper	
112	100		
64	54.6	41.3	61.9
63	28.3	21.1	31.7

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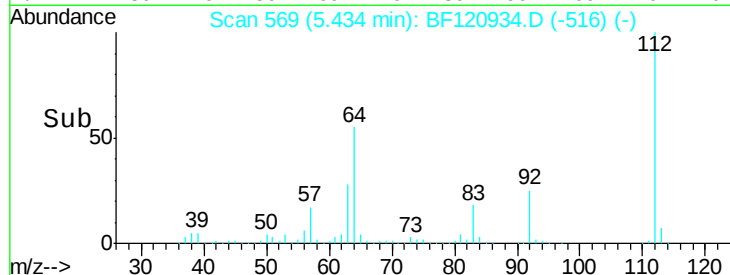


Abundance Ion 112.00 (111.70 to 112.70): E

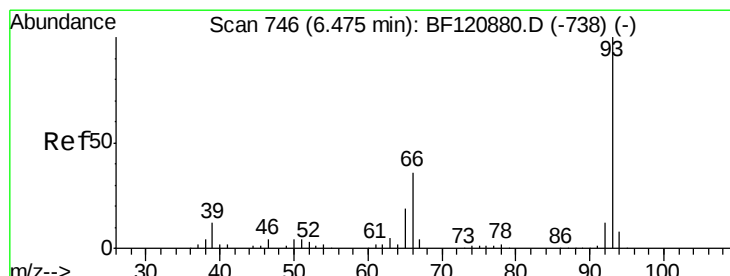
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



Time-->



#6

Aniline

Concen: 35.003 ng

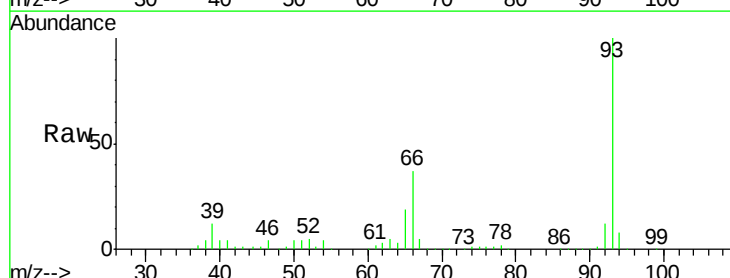
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:	93	Resp:	678872
Ion Ratio	Lower	Upper	
93	100		
66	36.6	30.2	45.4
65	18.8	15.8	23.6

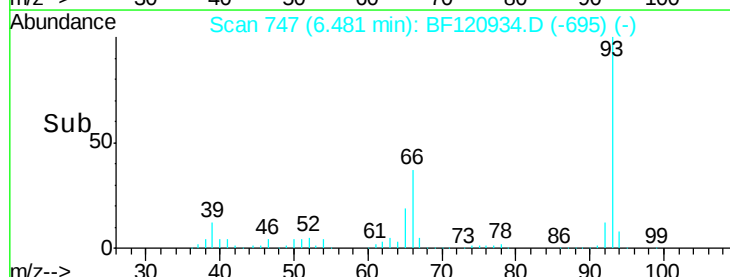


Abundance Ion 93.00 (92.70 to 93.70): BF1

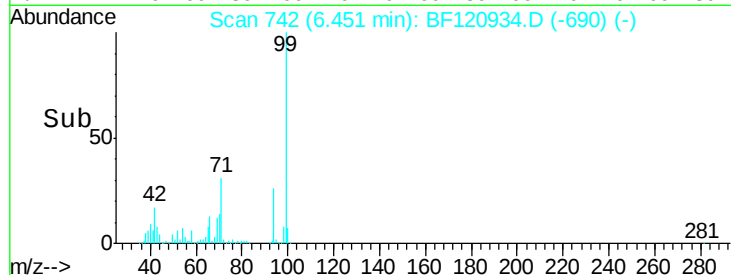
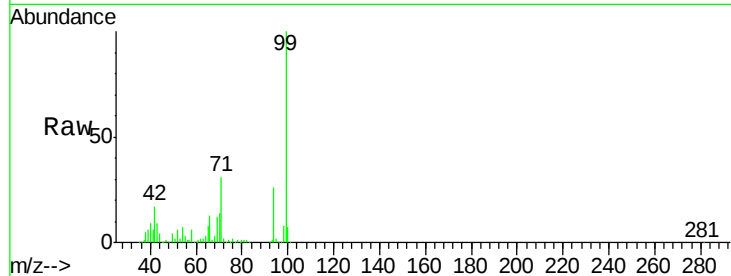
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->



#7

Phenol-d6

Concen: 72.371 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tot Ion:	99	Resp:	1075281
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.1	19.7
71	30.6	24.2	36.4

Instrument :

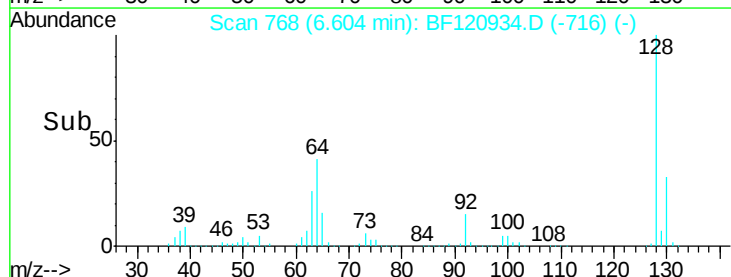
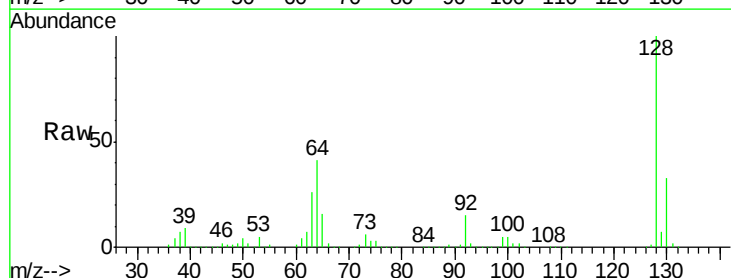
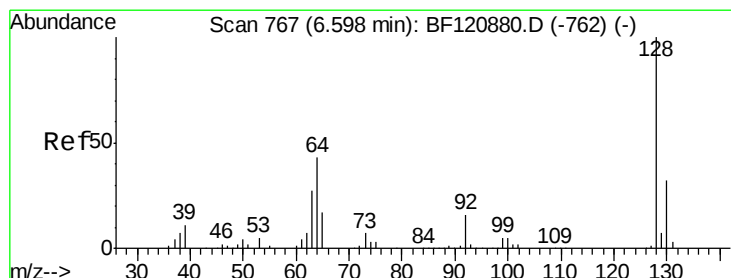
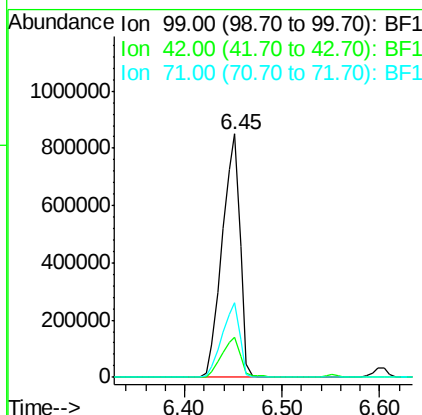
BNA_F

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#8

2-Chlorophenol

Concen: 52.664 ng

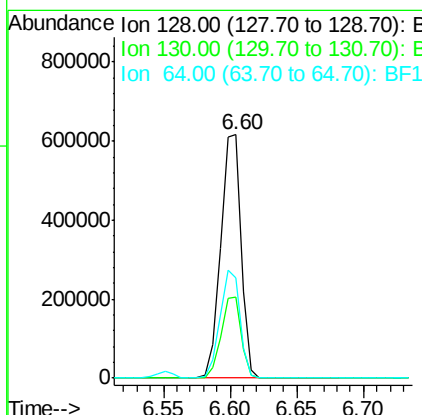
RT: 6.60 min Scan# 768

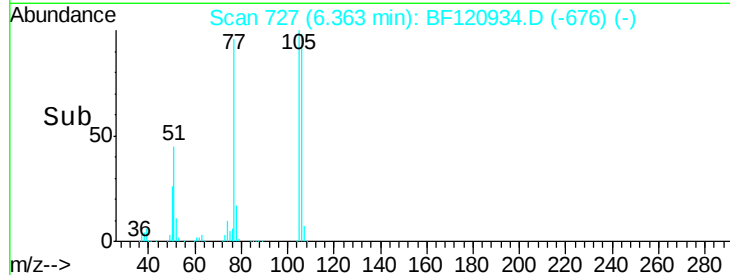
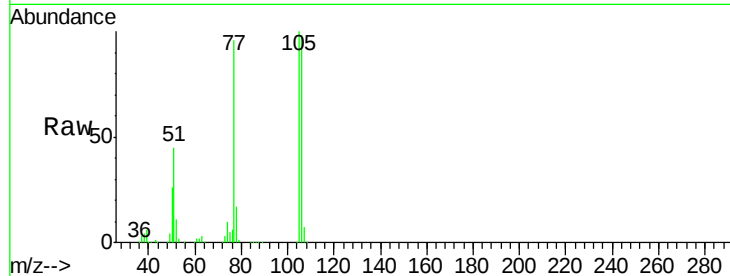
Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:	128	Resp:	667313
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.1	52.1
64	41.2	24.0	64.0





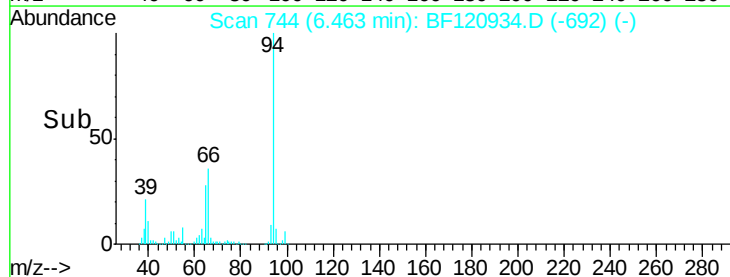
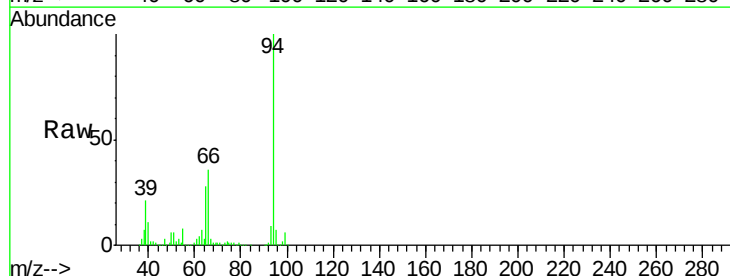
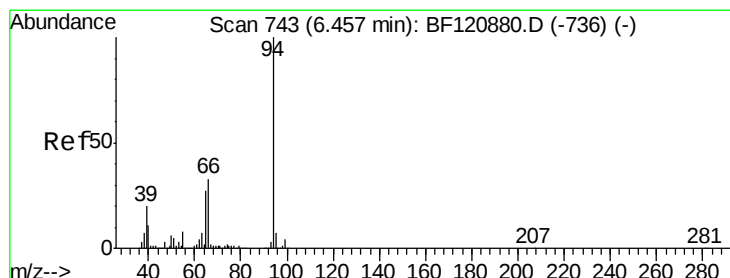
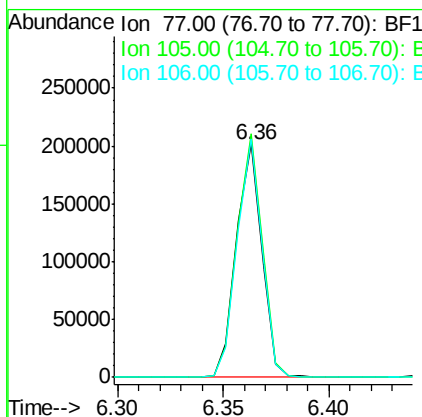
#9
Benzaldehyde
Concen: 20.142 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.3	82.5	122.5		
106	102.1	78.7	118.7		

Instrument :
BNA_F
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TP-15-SMSD

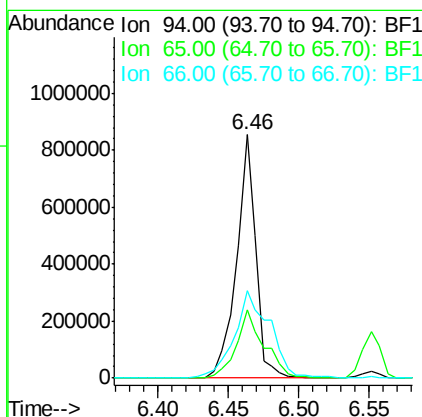
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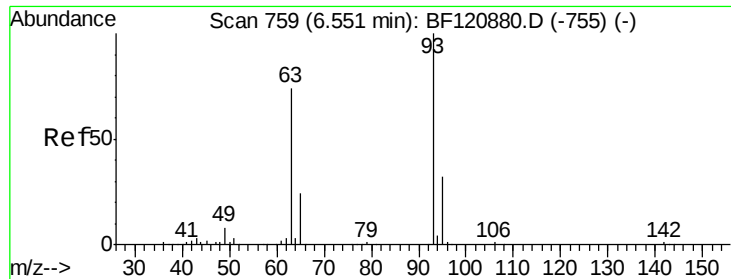
mohammad
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#10
Phenol
Concen: 49.739 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.0	6.6	46.6		
66	35.8	13.2	53.2		





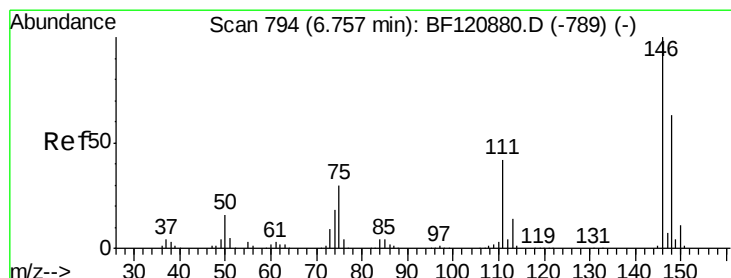
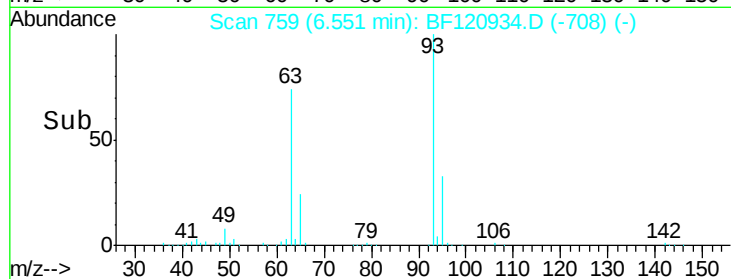
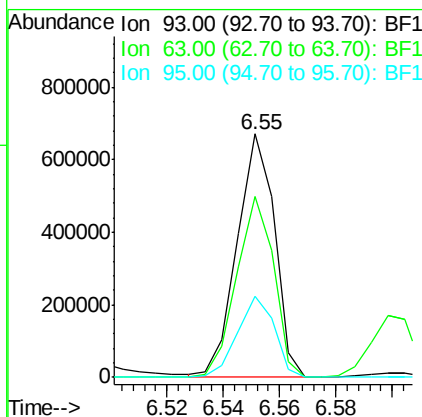
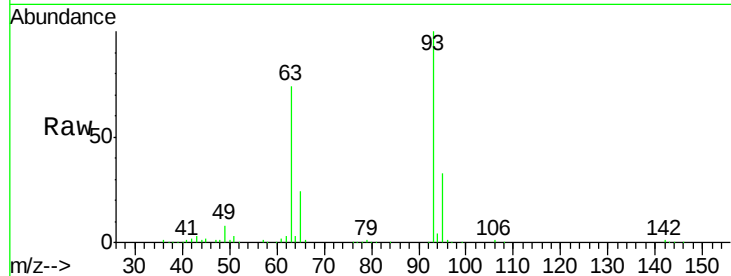
#11
bis(2-Chloroethyl)ether
Concen: 49.328 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	617884		
63	74.5	54.2	94.2	
95	33.1	12.2	52.2	

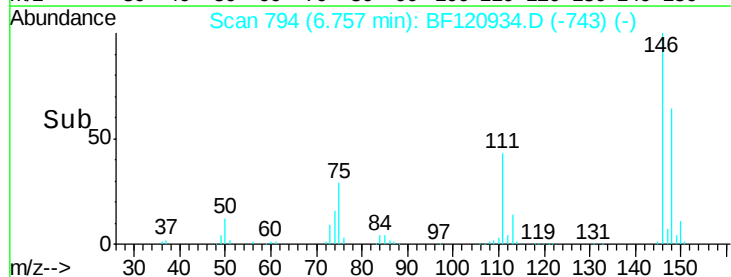
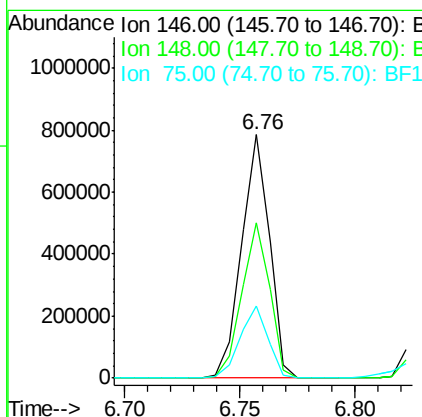
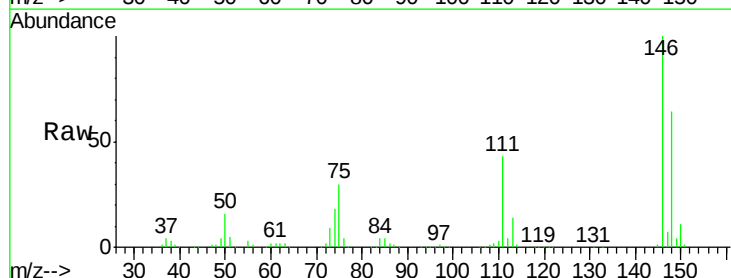
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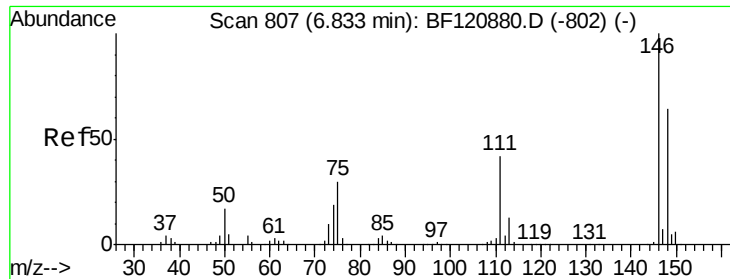
mohammad
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#12
1,3-Dichlorobenzene
Concen: 48.209 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	662396		
148	63.8	50.6	75.8	
75	29.5	24.1	36.1	





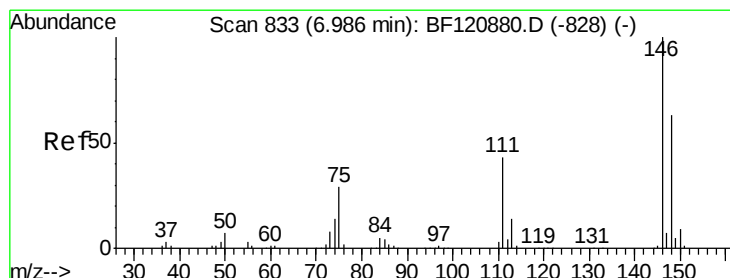
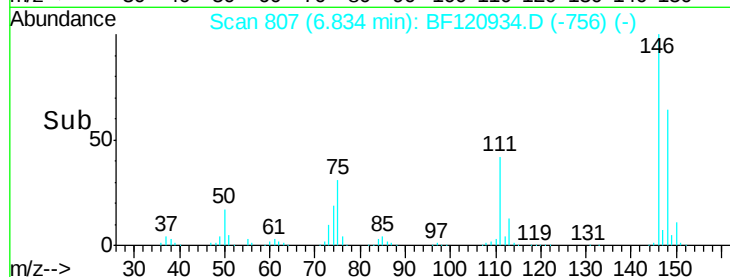
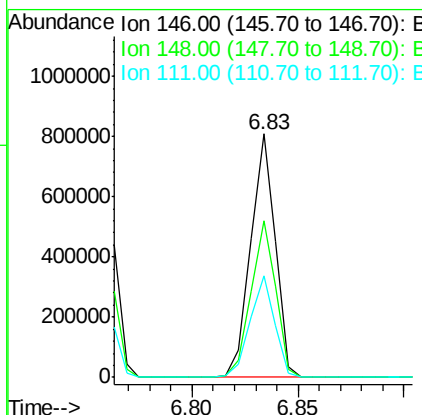
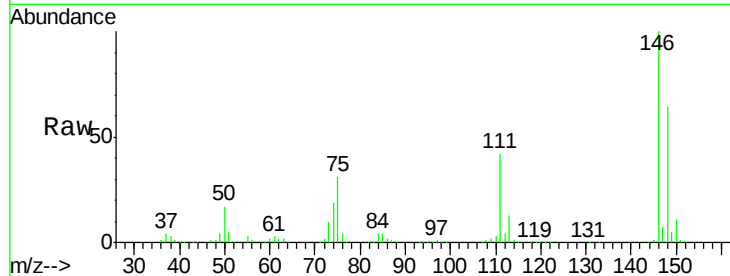
#13
 1,4-Dichlorobenzene
 Concen: 48.028 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	41.6	33.5	50.3

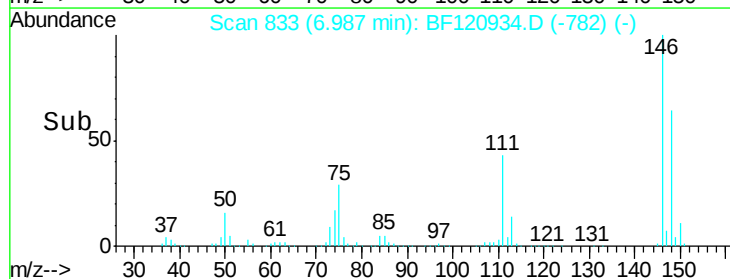
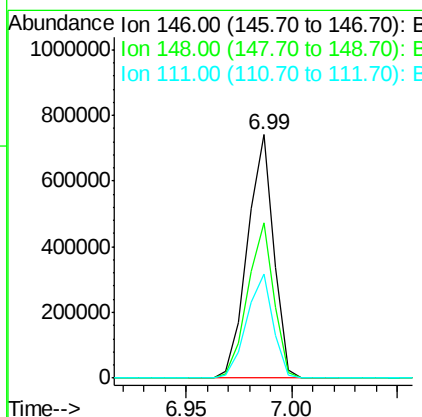
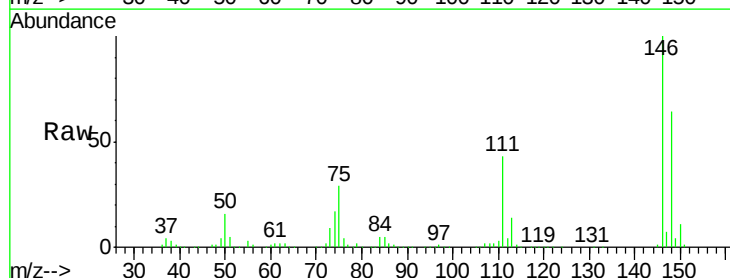
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#14
 1,2-Dichlorobenzene
 Concen: 49.306 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
111	42.9	34.2	51.2





#15

Benzyl Alcohol

Concen: 50.121 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

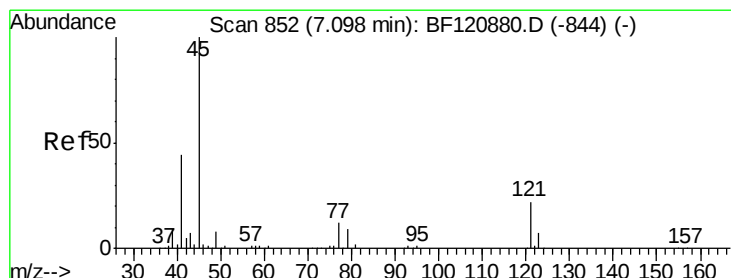
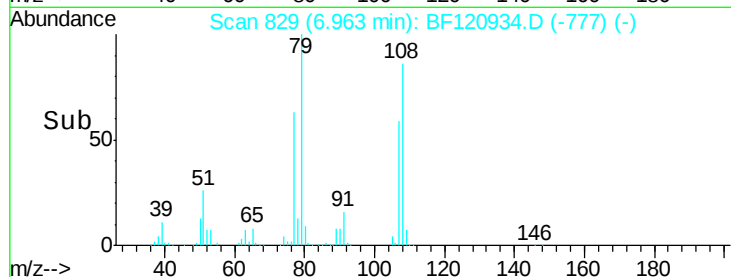
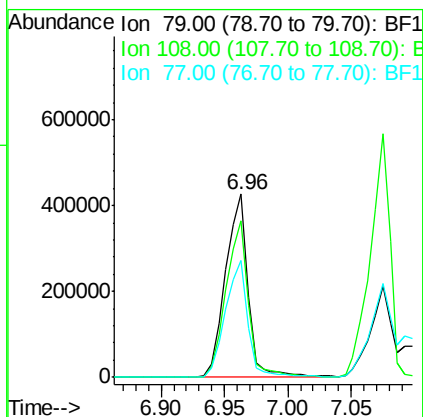
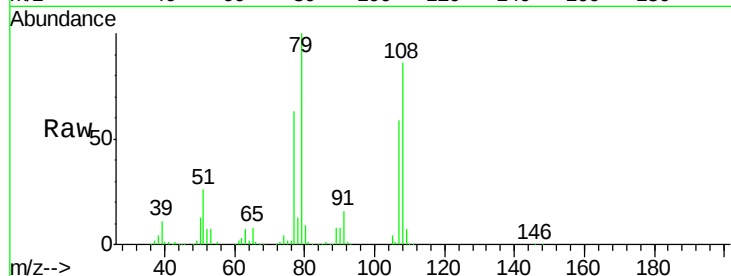
ClientSampleId :

TP-15-SMSD

Tot Ion:	79	Resp:	526641
Ion Ratio	Lower	Upper	
79	100		
108	85.5	67.0	100.6
77	63.4	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.423 ng

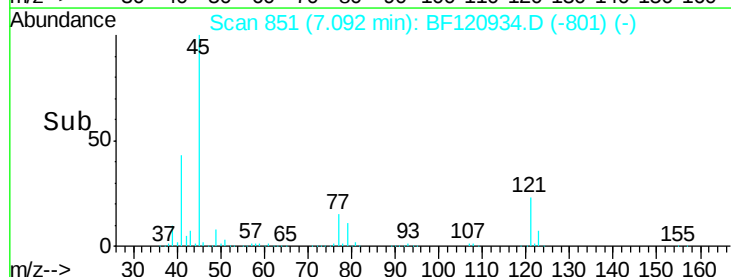
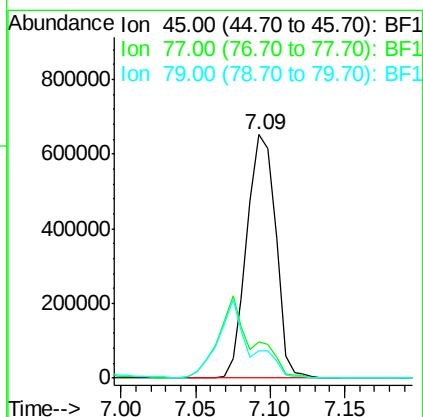
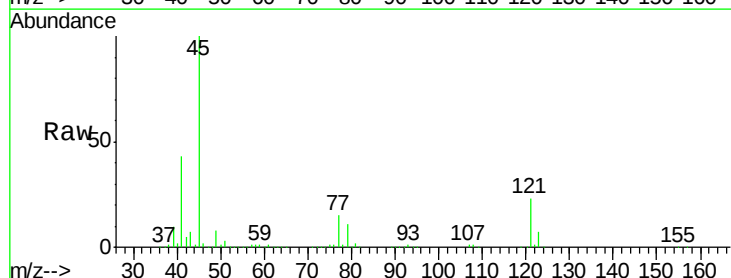
RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:	45	Resp:	874248
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	34.3
79	11.2	0.0	31.0





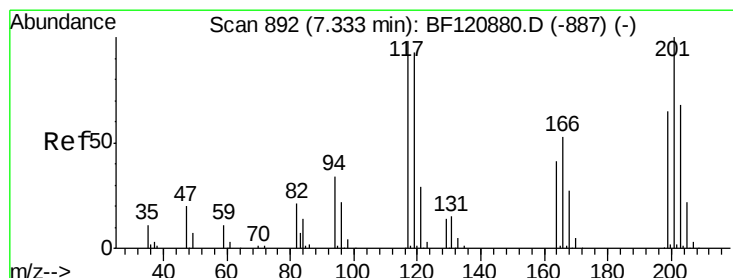
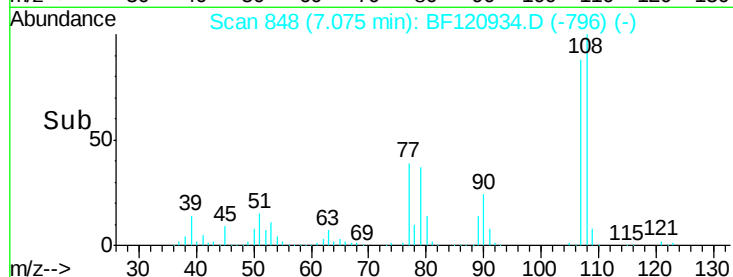
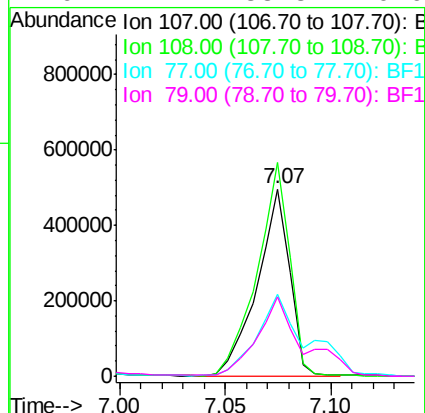
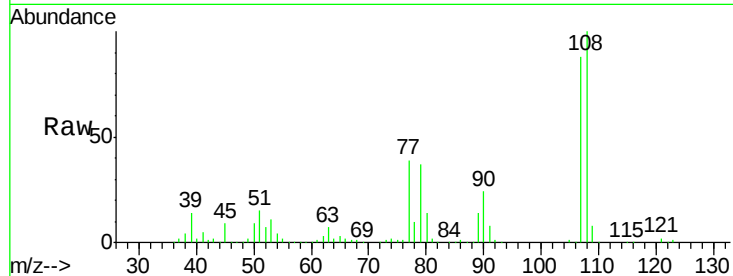
#17
2-Methylphenol
Concen: 46.862 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	92.0	138.0	
77	44.2	34.0	51.0	
79	42.7	33.3	49.9	

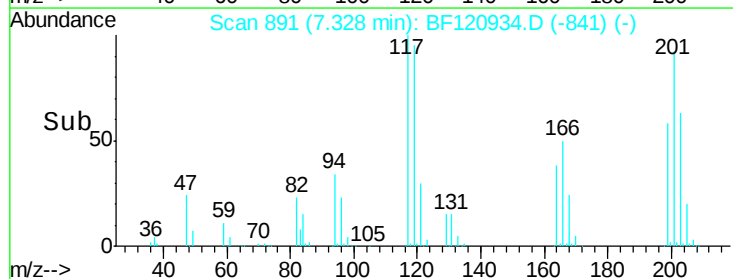
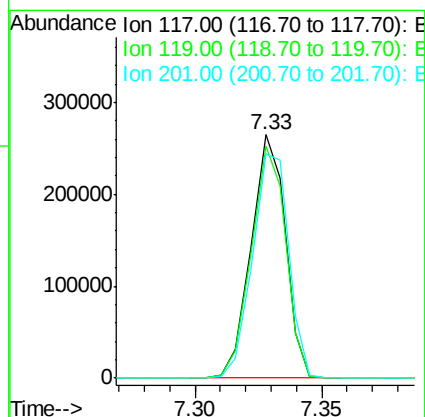
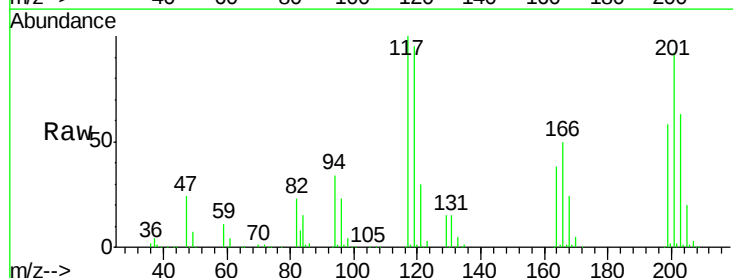
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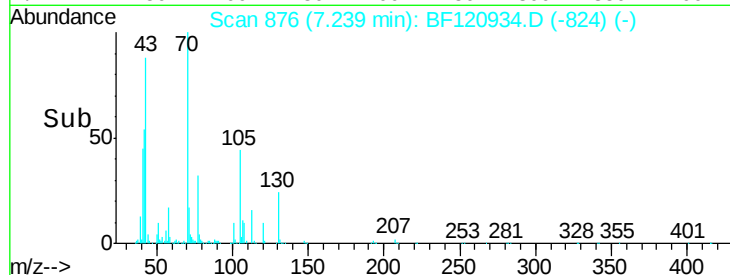
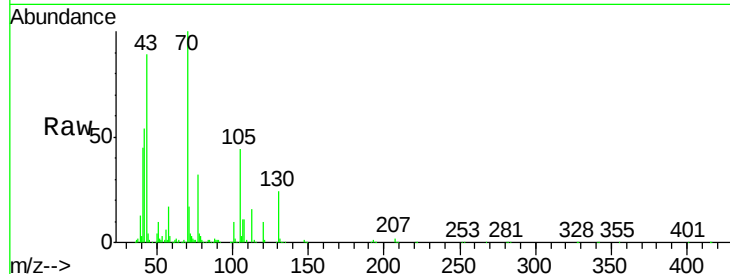
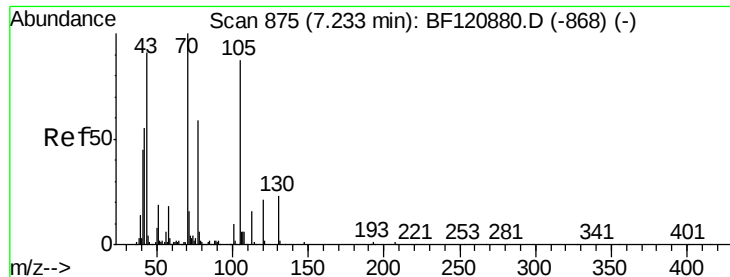
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#18
Hexachloroethane
Concen: 50.604 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.0	114.0	
201	92.2	81.7	122.5	





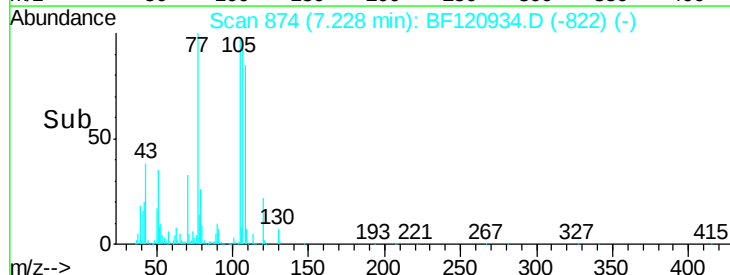
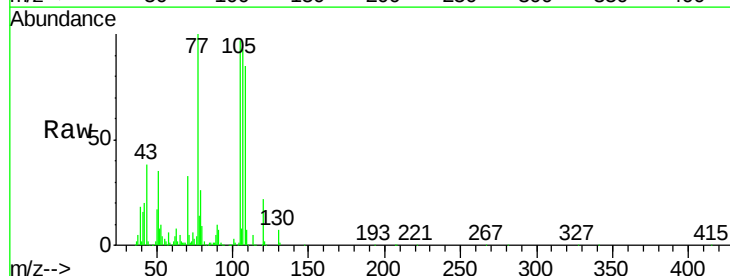
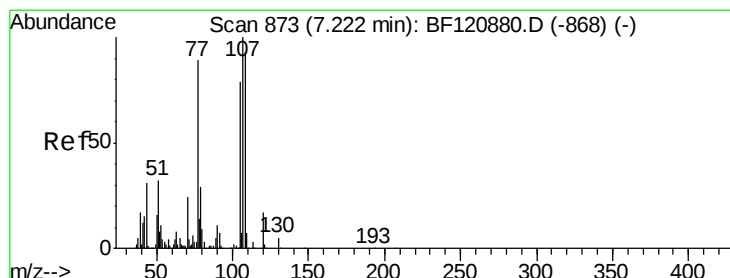
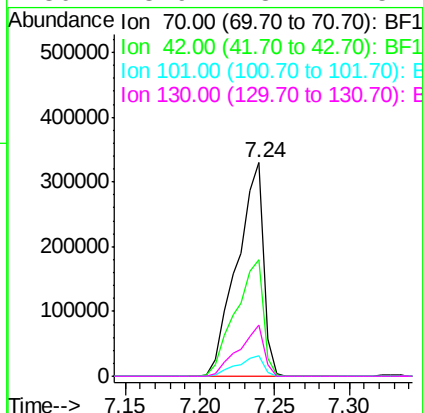
#19
n-Nitroso-di-n-propylamine
Concen: 48.336 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

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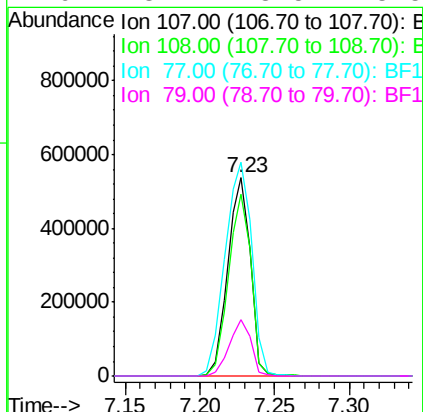
mohammad
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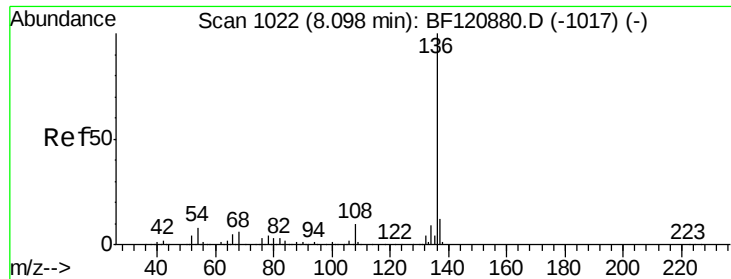
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	44.0	66.0	
101	9.6	7.8	11.6	
130	23.9	18.7	28.1	



#20
3+4-Methylphenols
Concen: 40.073 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	72.8	112.8	
77	107.7	68.7	108.7	
79	28.4	8.5	48.5	





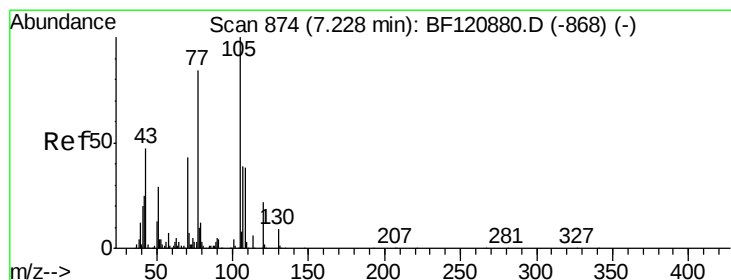
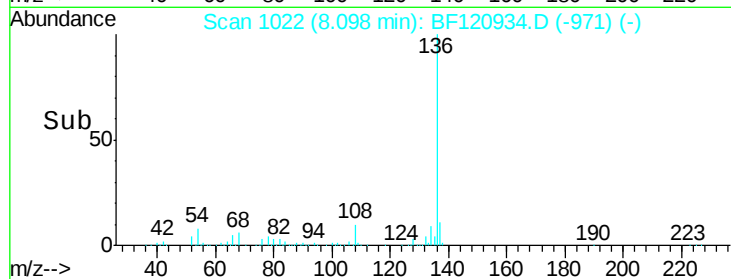
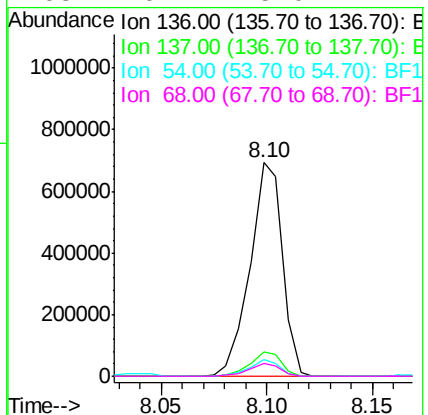
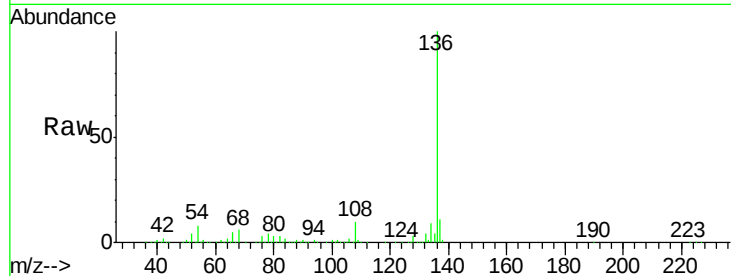
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	739942		
137	11.2	9.3	13.9	
54	7.8	6.3	9.5	
68	6.2	5.0	7.4	

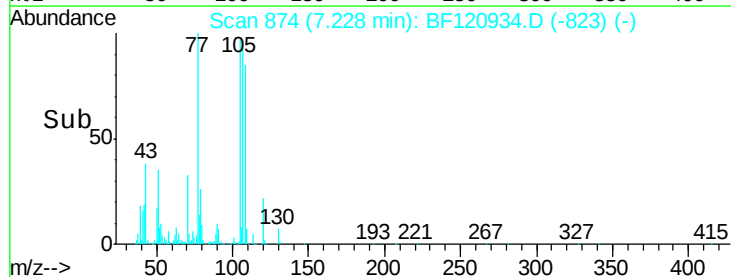
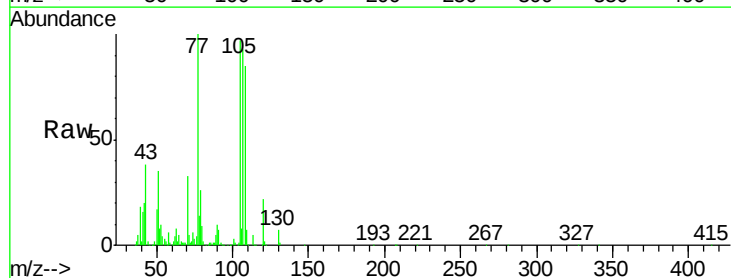
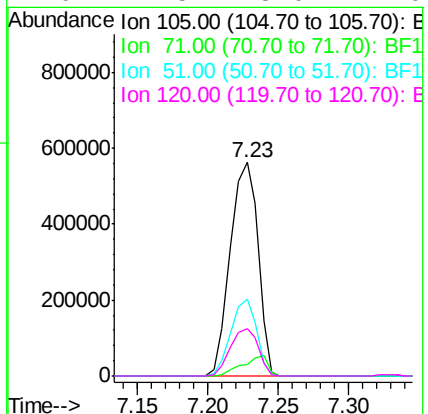
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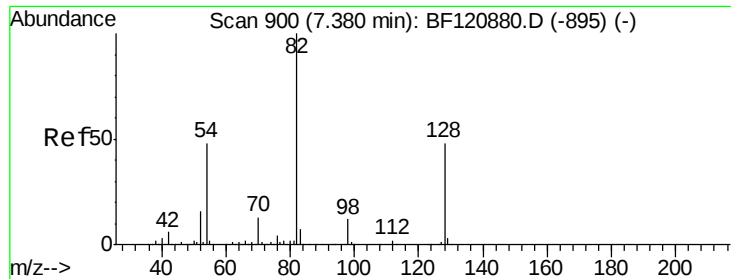
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#22
Acetophenone
Concen: 46.417 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	770830		
71	5.6	5.7	8.5#	
51	36.1	22.9	34.3#	
120	22.5	18.0	27.0	





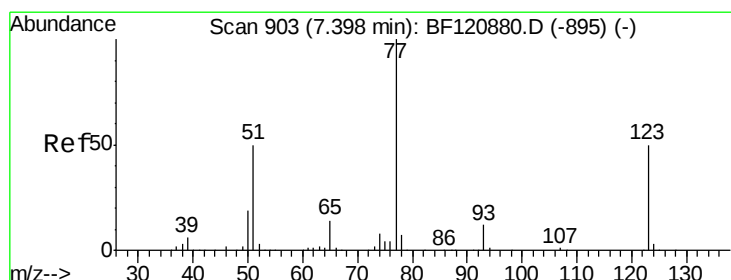
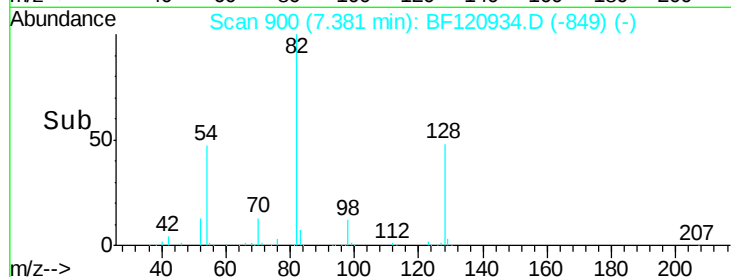
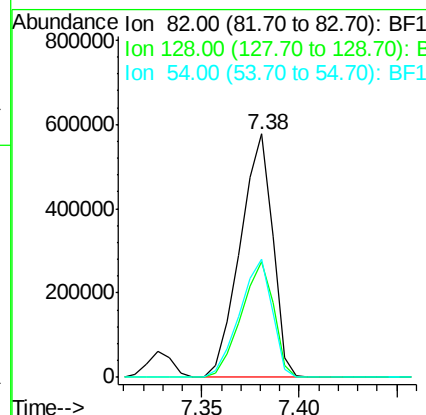
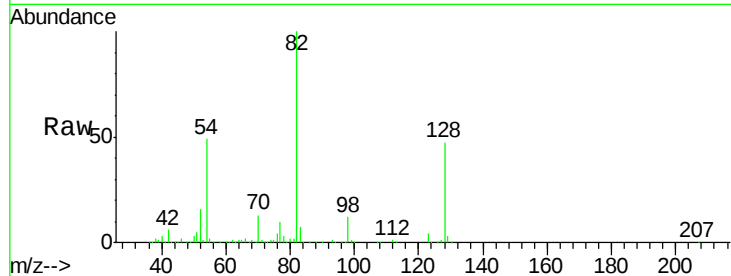
#23
 Nitrobenzene-d5
 Concen: 52.139 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.4
54	48.5	38.7	58.1

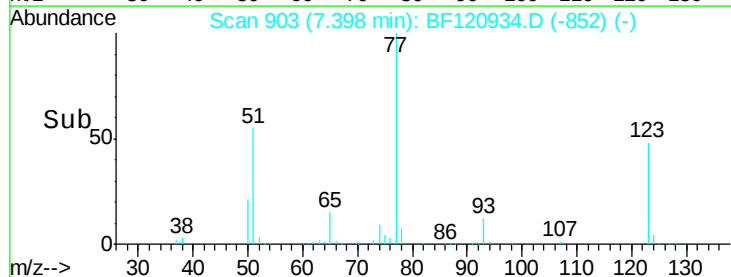
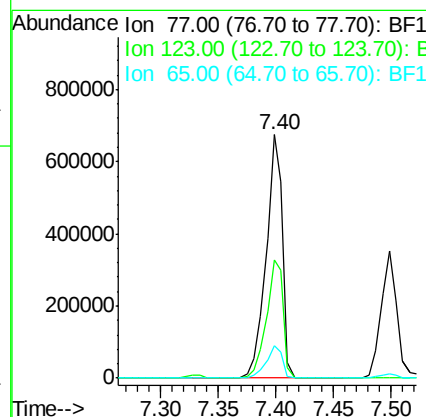
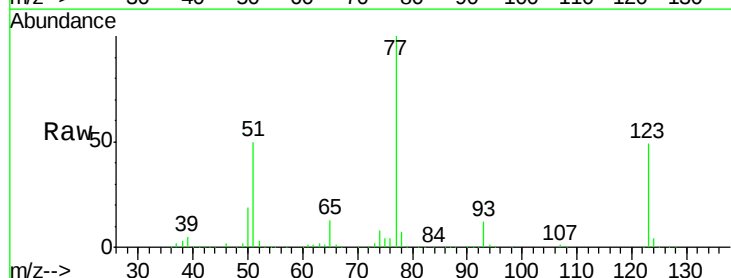
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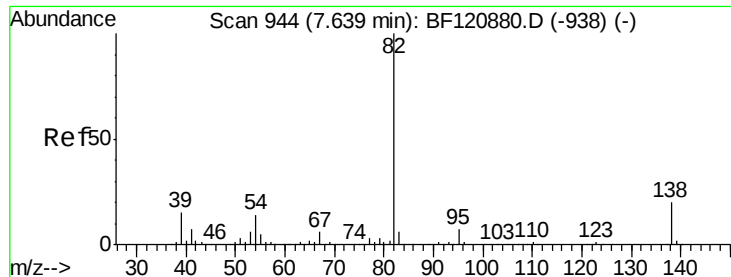
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#24
 Nitrobenzene
 Concen: 48.722 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.1	60.1
65	13.4	10.8	16.2





#25

Isophorone

Concen: 48.945 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion: 82 Resp: 1249156

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

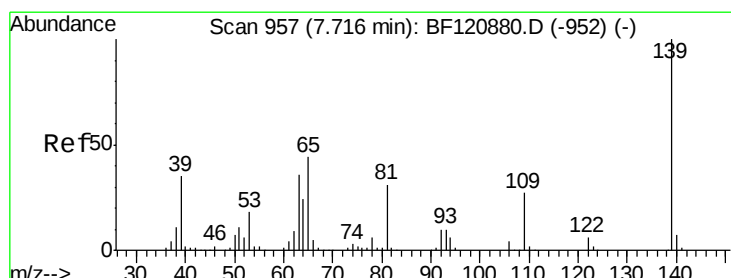
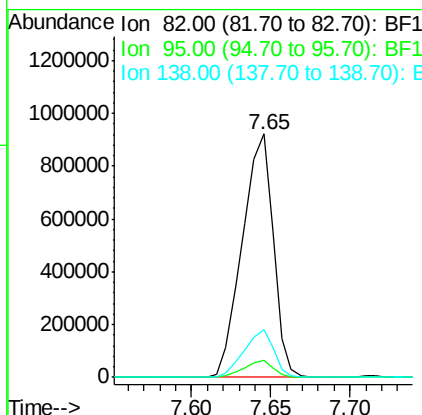
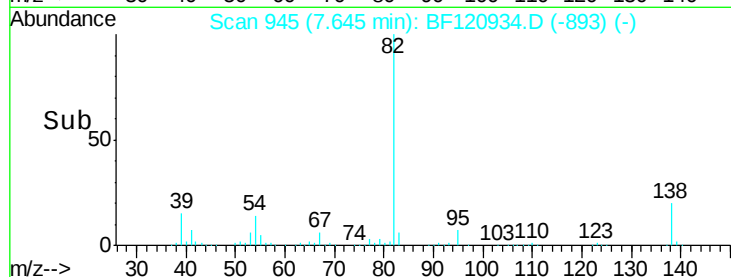
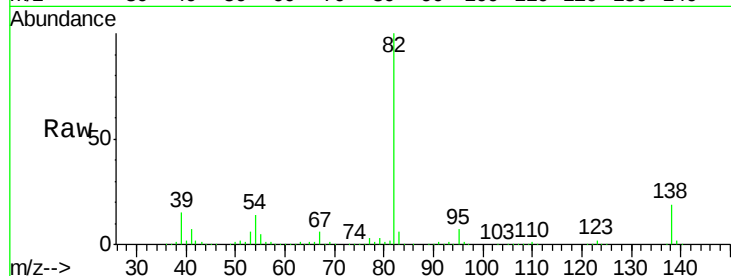
138 19.4 15.6 23.4

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#26

2-Nitrophenol

Concen: 54.889 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

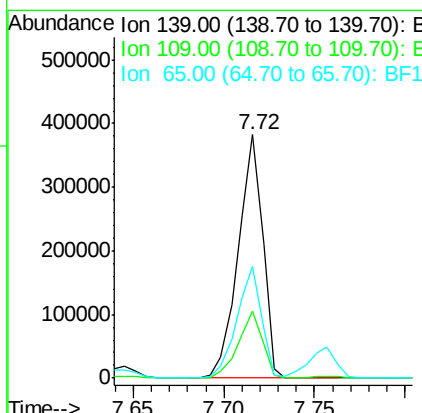
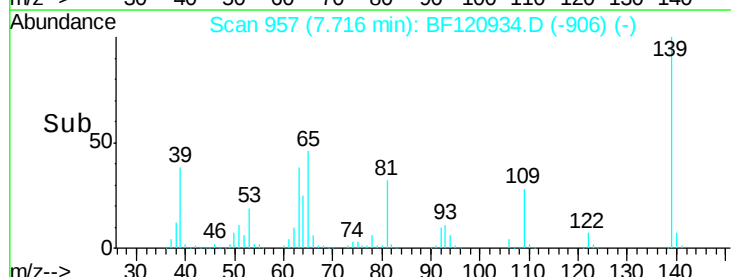
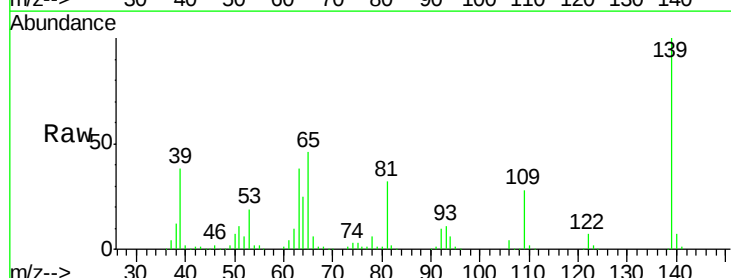
Tgt Ion: 139 Resp: 359295

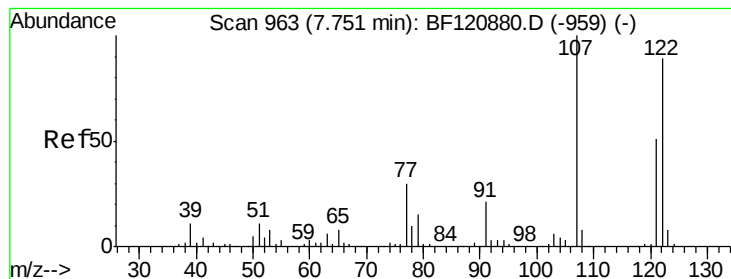
Ion Ratio Lower Upper

139 100

109 27.6 21.6 32.4

65 46.1 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 53.115 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

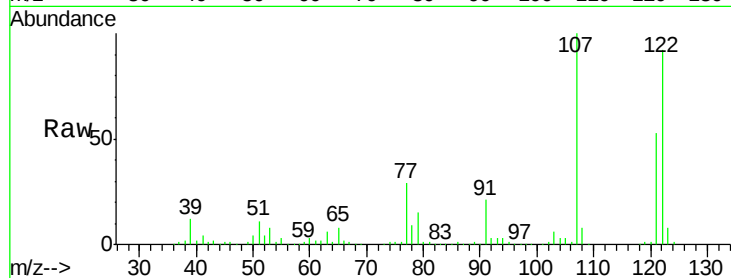
ClientSampleId :

TP-15-SMSD

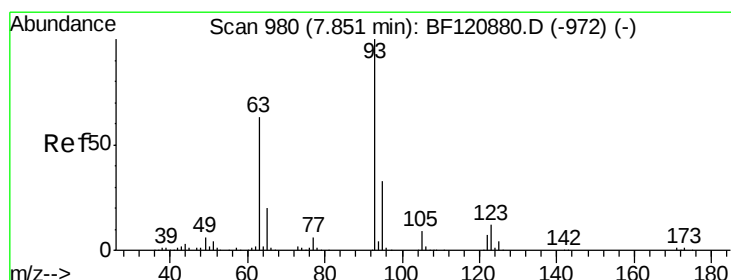
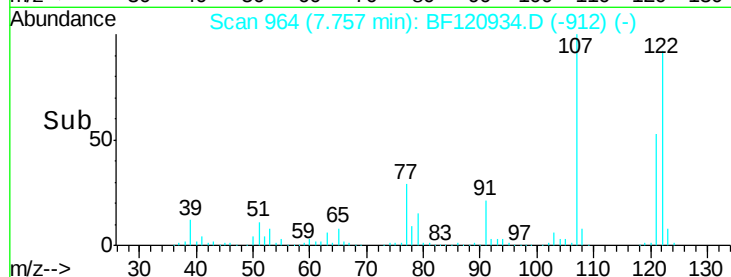
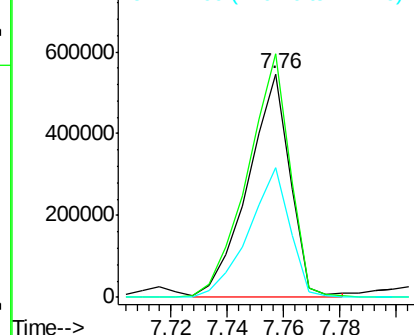
Tot Ion:	122	Resp:	564499
Ion Ratio	Lower	Upper	
122	100		
107	108.9	89.4	134.0
121	57.8	46.0	69.0

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



#28

bis(2-Chloroethoxy)methane

Concen: 50.817 ng

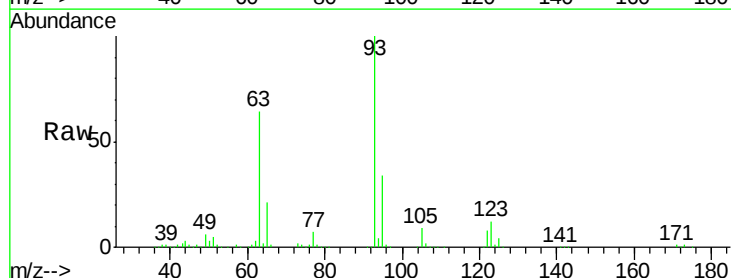
RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

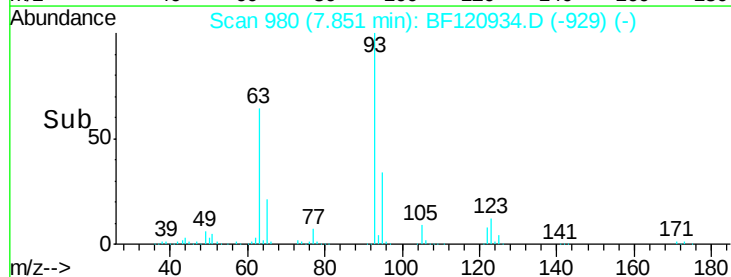
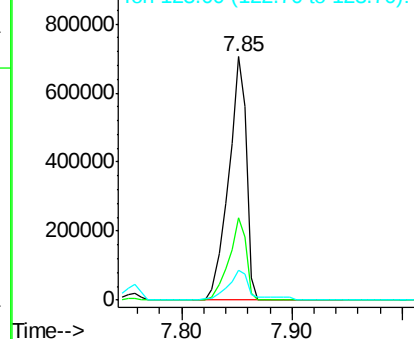
Lab File: BF120934.D

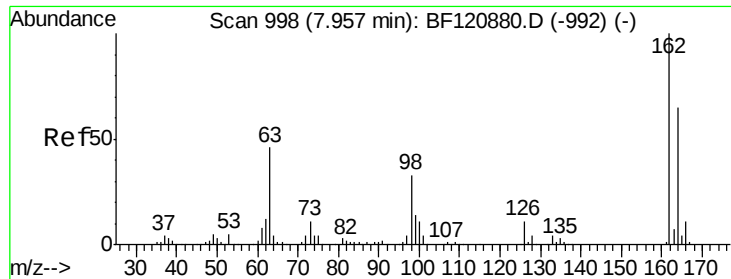
Acq: 20 Jul 2020 15:39

Tgt Ion:	93	Resp:	791681
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.6	39.8
123	12.2	10.0	15.0



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





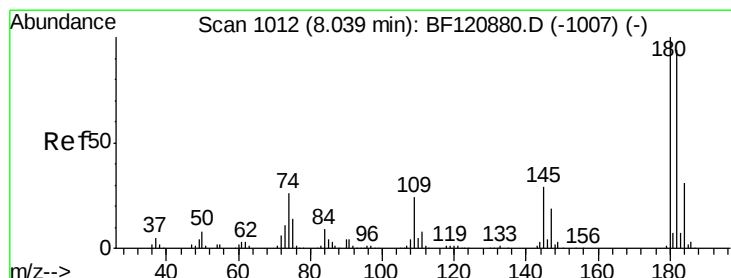
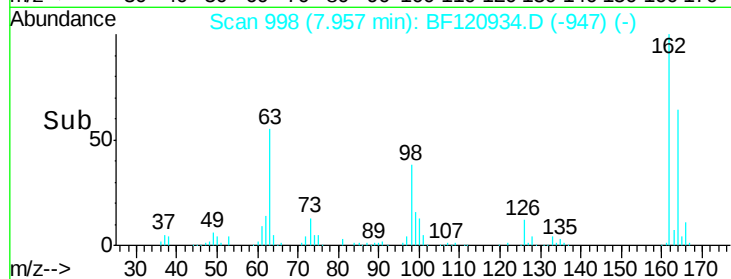
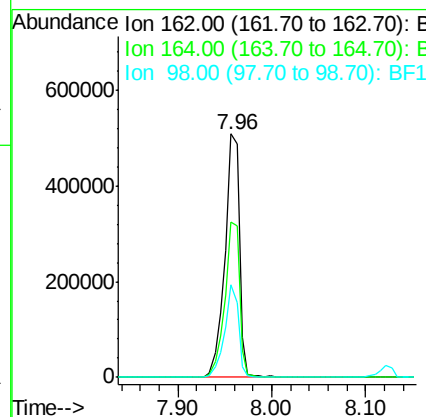
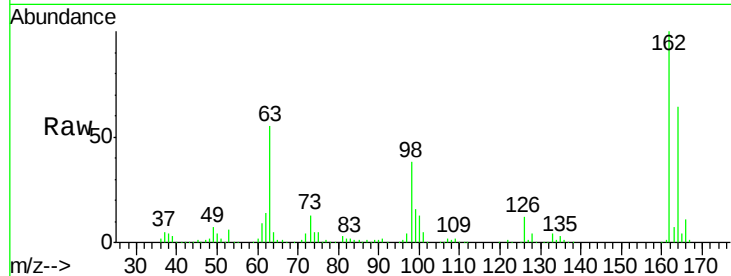
#29
2,4-Dichlorophenol
Concen: 50.932 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	553130		
164	64.0	45.3	85.3	
98	38.0	13.3	53.3	

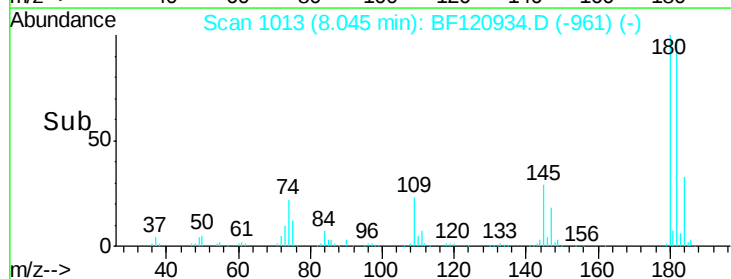
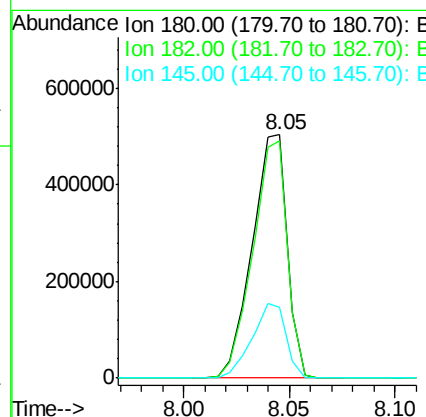
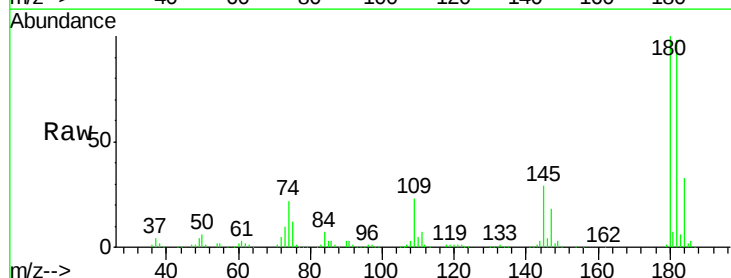
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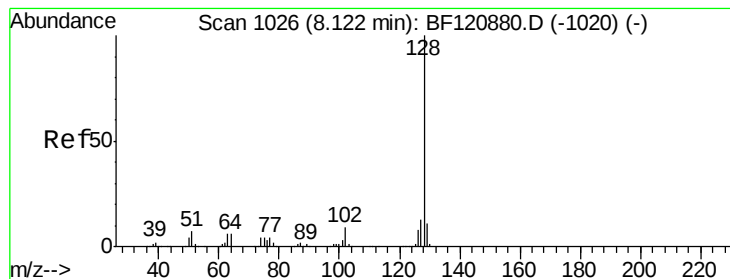
mohammad
7/21/2020 11:32:39 AM



#30
1,2,4-Trichlorobenzene
Concen: 48.279 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	581711		
182	97.6	75.0	112.6	
145	29.1	23.5	35.3	





#31

Naphthalene

Concen: 47.561 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:128 Resp: 1805221

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

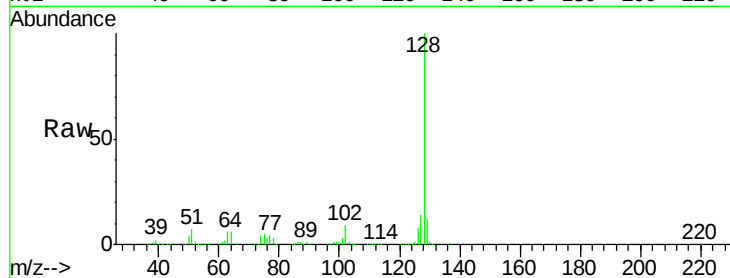
127 13.8 10.7 16.1

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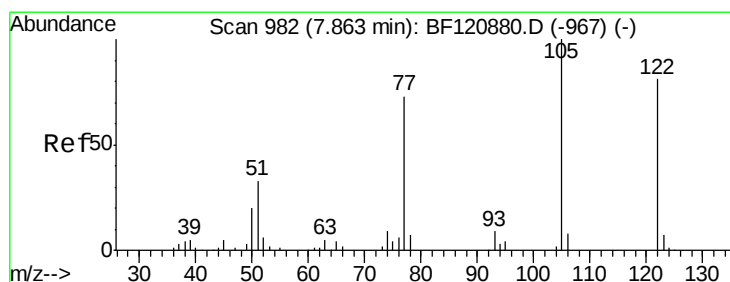
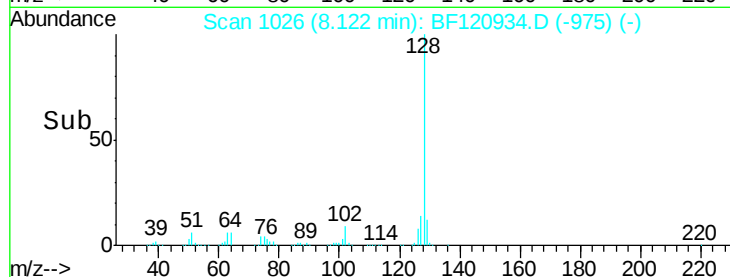
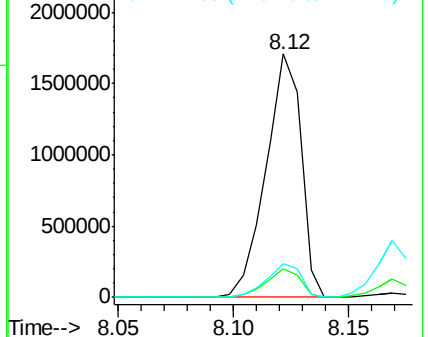
7/21/2020 11:32:39 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.761 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

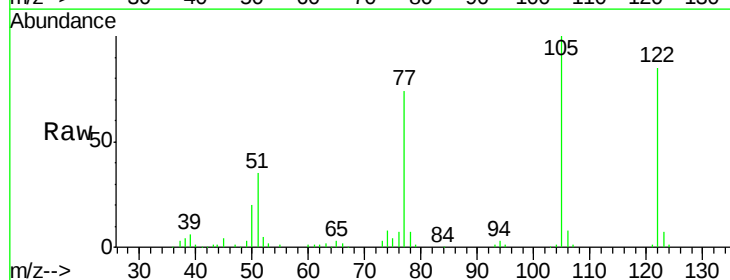
Tgt Ion:122 Resp: 428906

Ion Ratio Lower Upper

122 100

105 118.2 101.3 141.3

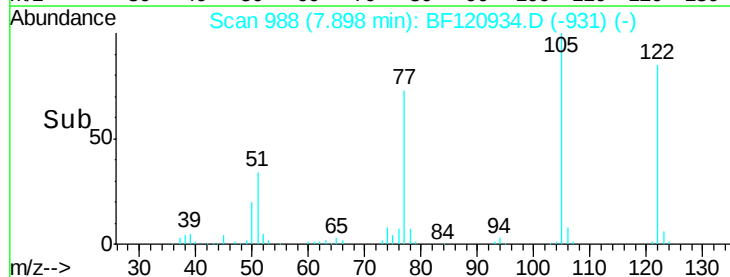
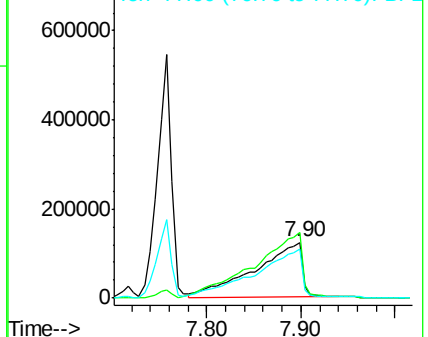
77 87.9 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





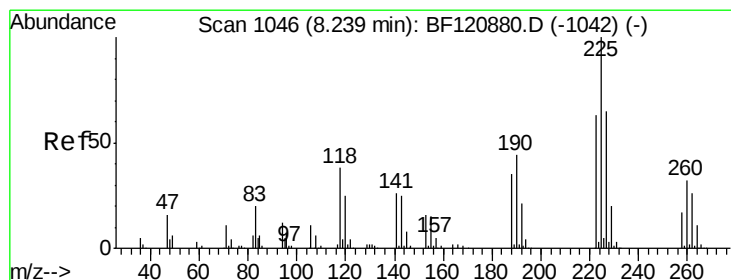
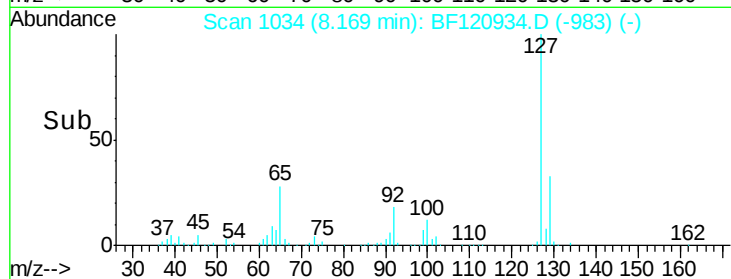
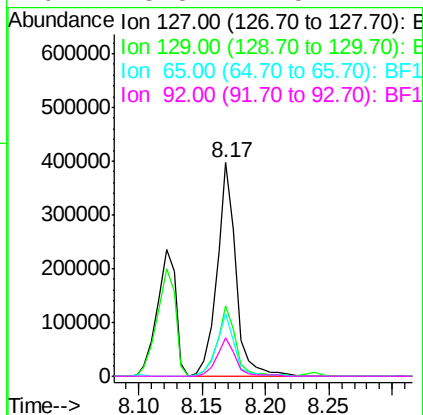
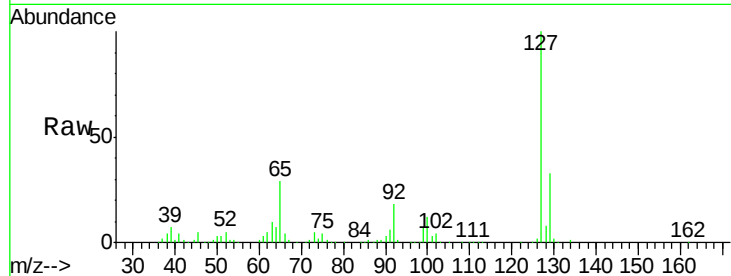
#33
4-Chloroaniline
Concen: 24.476 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
414413	127	100			
	129	32.9		26.5	39.7
	65	29.2		23.0	34.4
	92	18.3		14.5	21.7

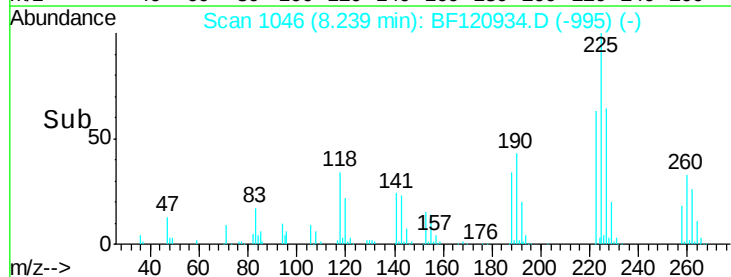
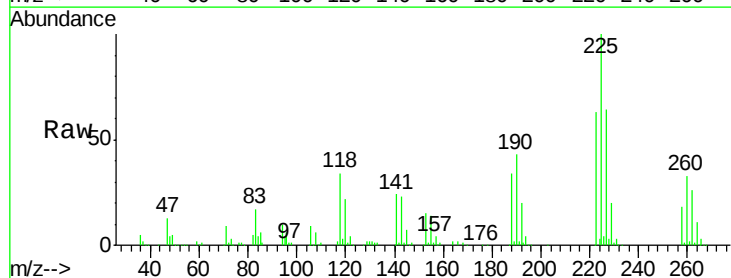
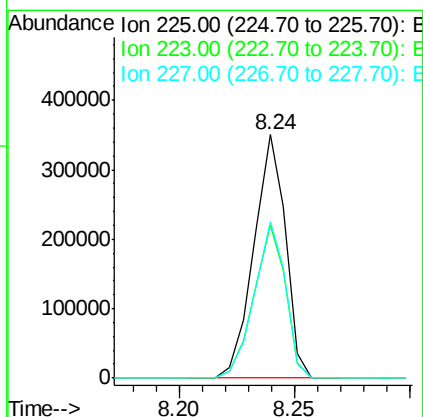
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#34
Hexachlorobutadiene
Concen: 47.159 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
334967	225	100			
	223	62.6		50.6	76.0
	227	64.1		52.2	78.2





#35

Caprolactam

Concen: 52.002 ng/ml

RT: 8.56 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

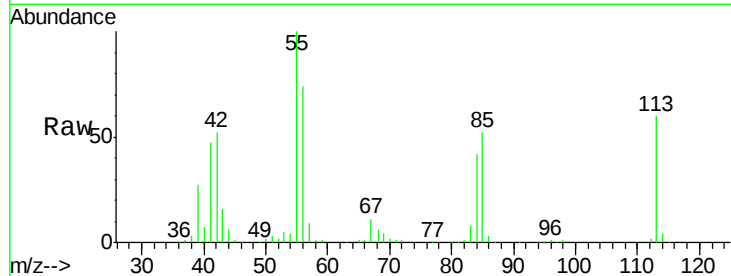
ClientSampleId :

TP-15-SMSD

Tot Ion:	113	Resp:	181108
Ion Ratio	Lower	Upper	
113	100		
55	167.2	143.3	183.3
56	123.7	99.4	139.4

Manual Integrations
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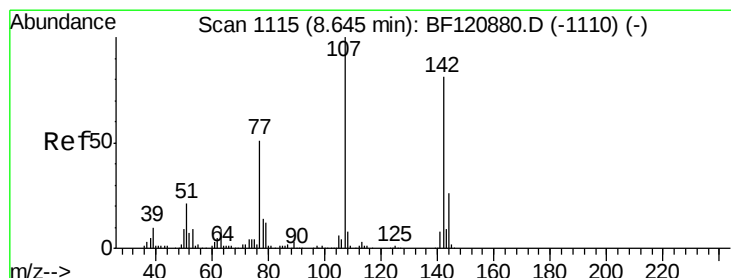
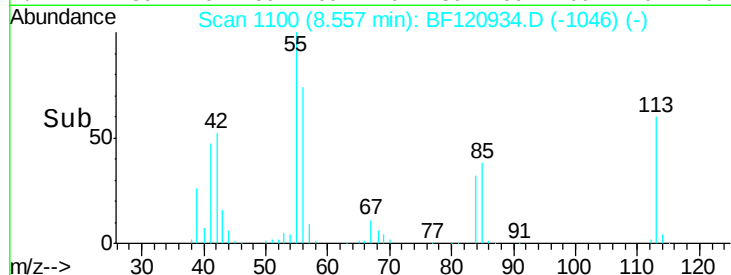
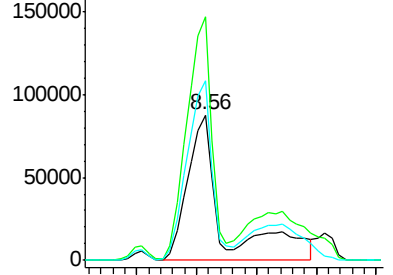
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 52.253 ng/ml

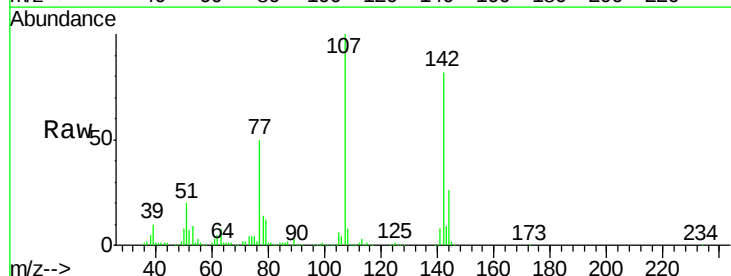
RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

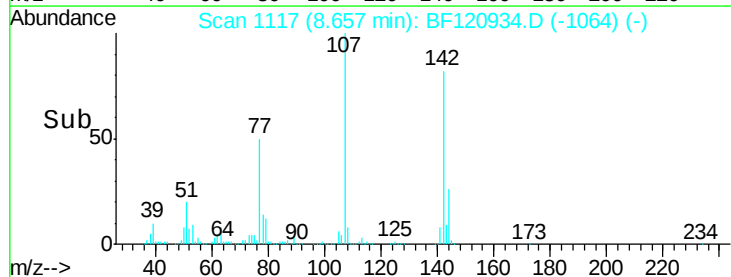
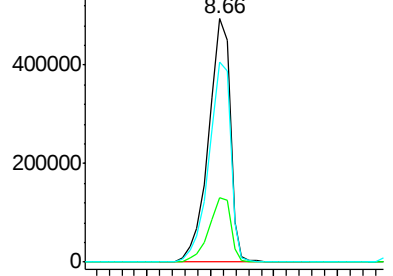
Tgt Ion:	107	Resp:	582005
Ion Ratio	Lower	Upper	
107	100		
144	26.3	21.0	31.6
142	82.4	65.0	97.6

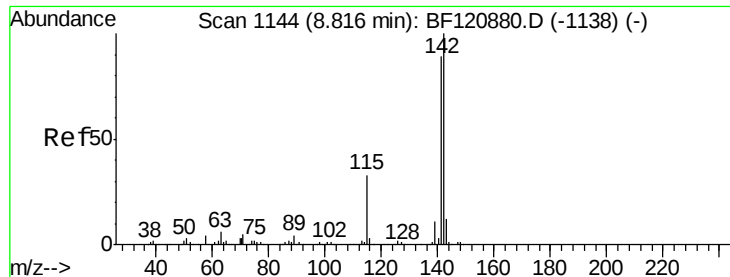


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





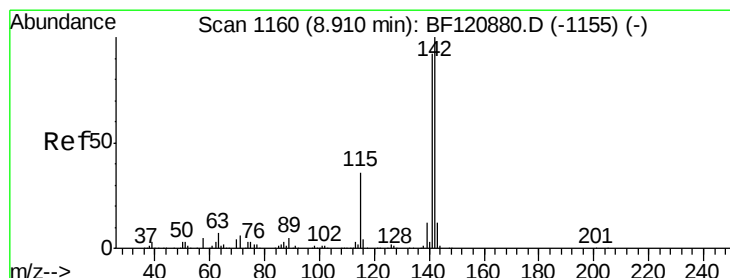
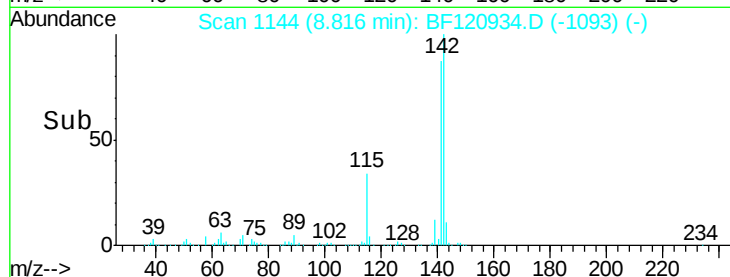
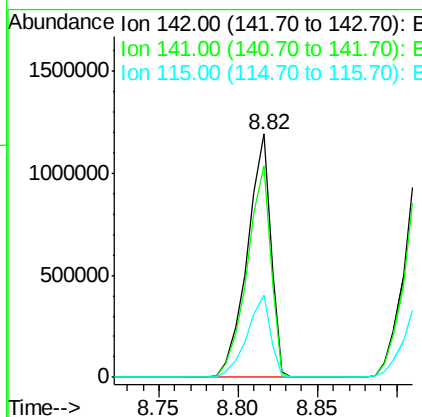
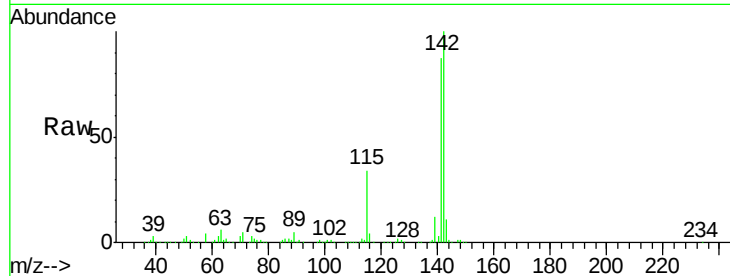
#37
2-Methylnaphthalene
Concen: 49.593 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.0	106.4
115	33.7	26.0	39.0

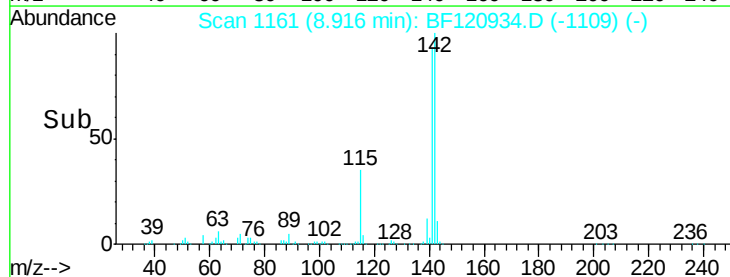
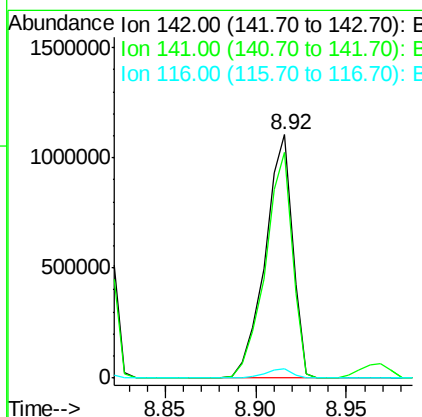
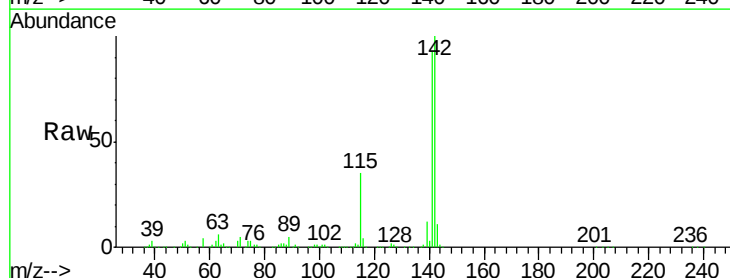
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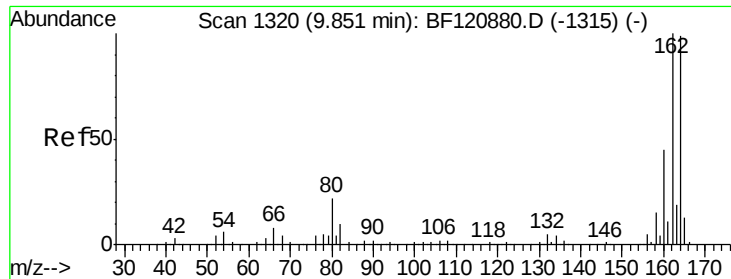
mohammad
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#38
1-Methylnaphthalene
Concen: 49.722 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5
116	3.8	3.0	4.6





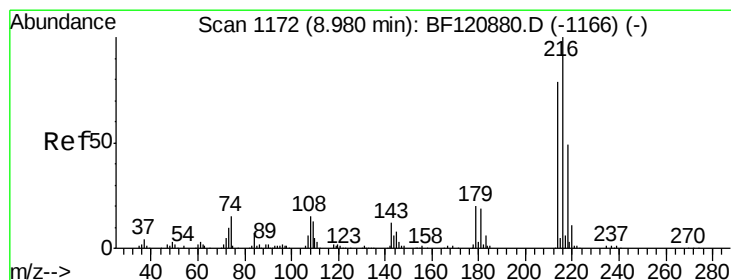
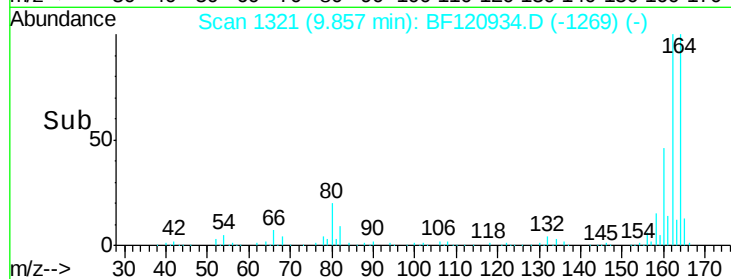
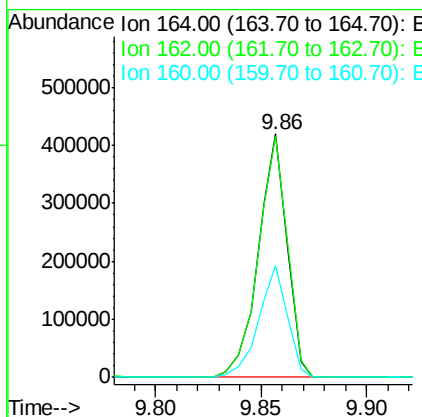
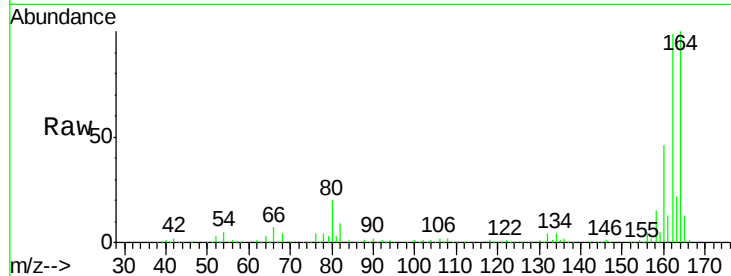
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampled :
TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.2	121.8
160	45.7	36.9	55.3

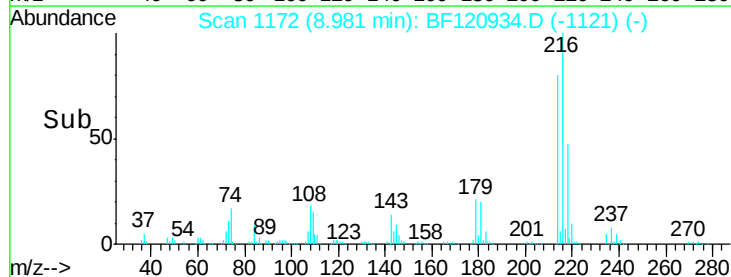
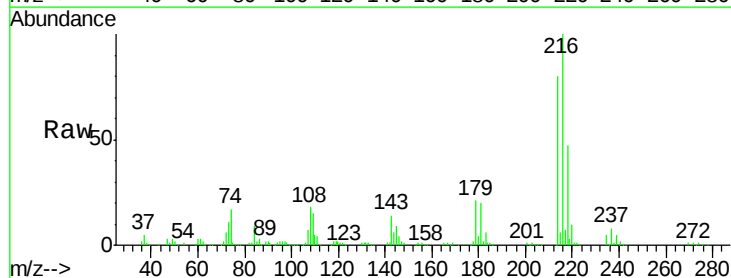
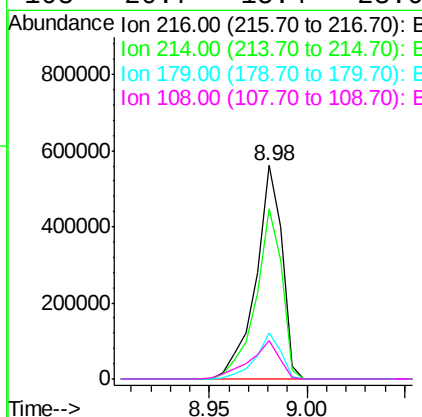
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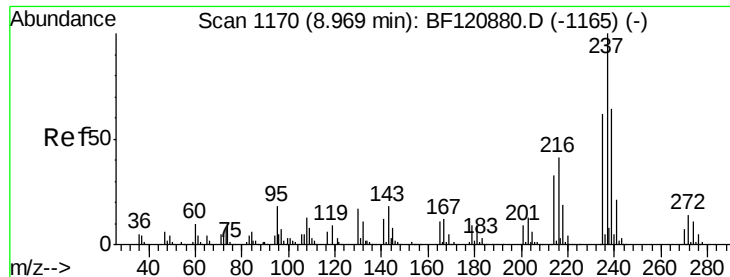
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.404 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.8
179	20.4	16.6	24.8
108	20.7	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 98.231 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

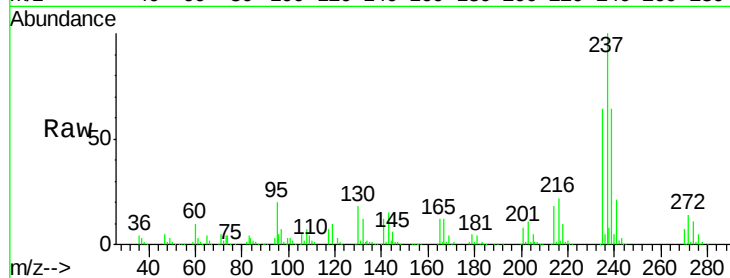
ClientSampleId :

TP-15-SMSD

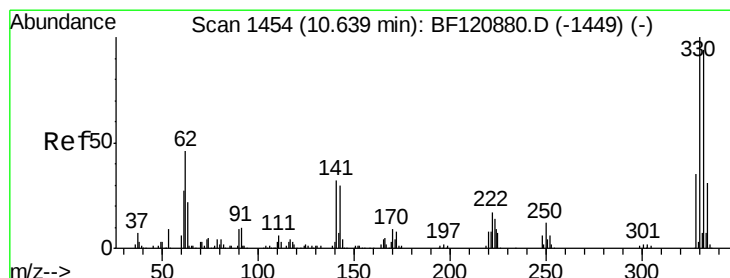
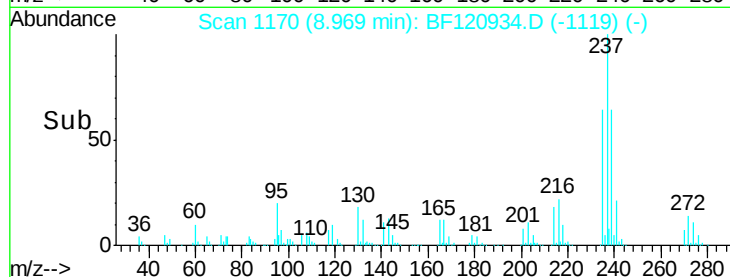
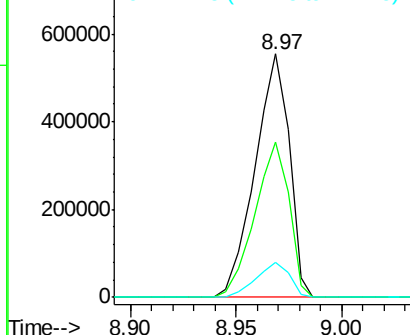
Tot Ion:	237	Resp:	626348
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.6	81.6
272	14.2	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 77.510 ng

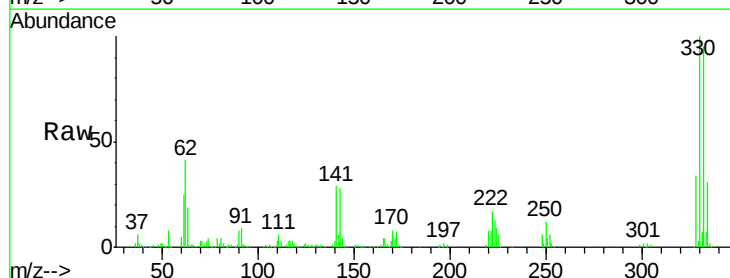
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

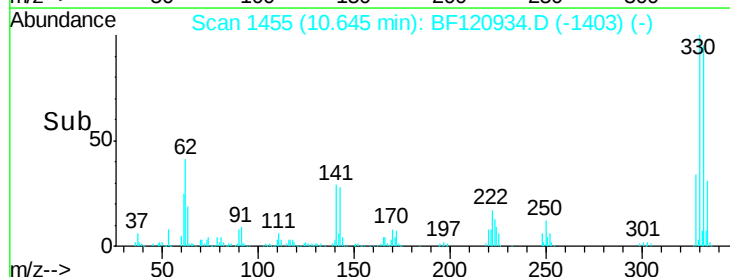
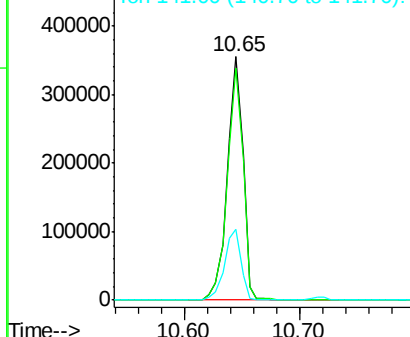
Lab File: BF120934.D

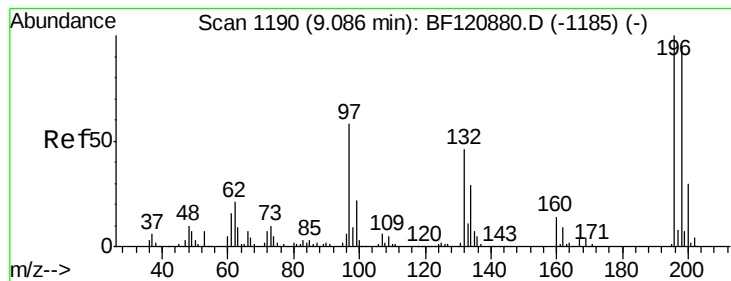
Acq: 20 Jul 2020 15:39

Tgt Ion:	330	Resp:	335957
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.5	113.3
141	30.9	25.7	38.5



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





#43

2,4,6-Trichlorophenol

Concen: 51.542 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

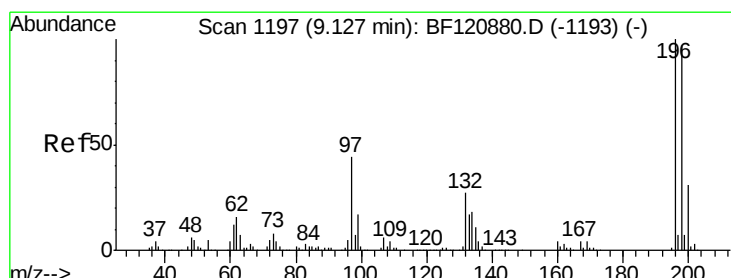
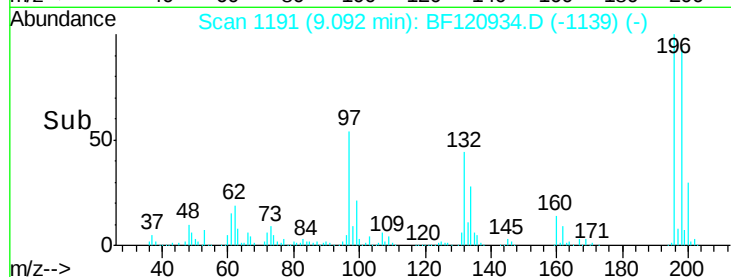
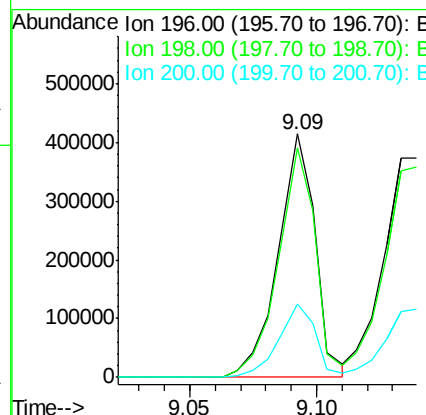
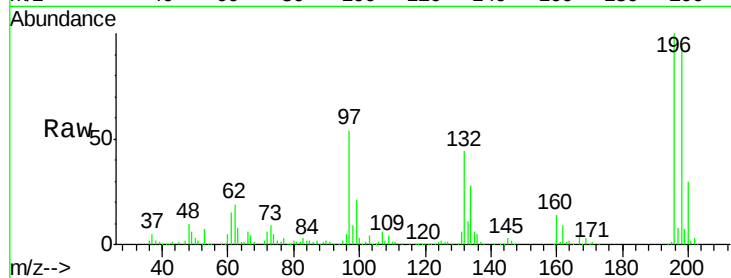
ClientSampled :

TP-15-SMSD

Tot Ion:	196	Resp:	418680
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.7	113.5
200	29.9	24.4	36.6

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 48.020 ng

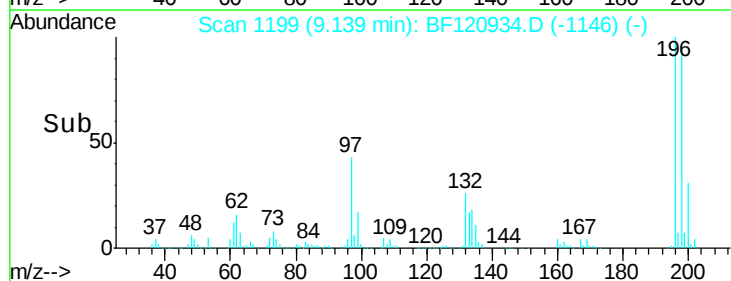
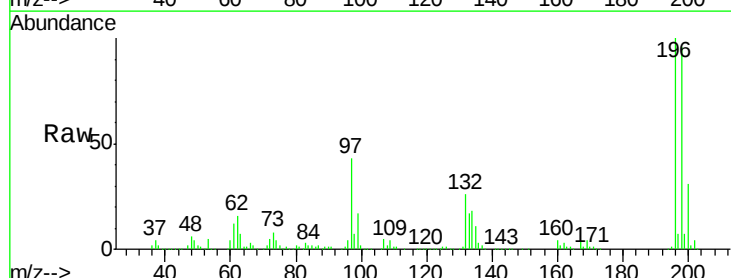
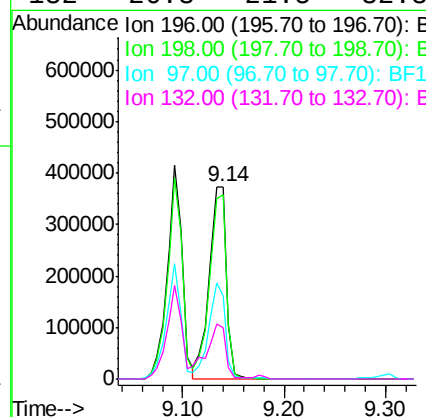
RT: 9.14 min Scan# 1199

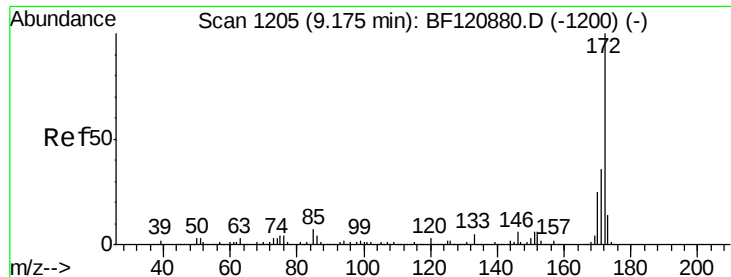
Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:	196	Resp:	442476
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.6	116.4
97	43.2	35.6	53.4
132	26.3	21.5	32.3





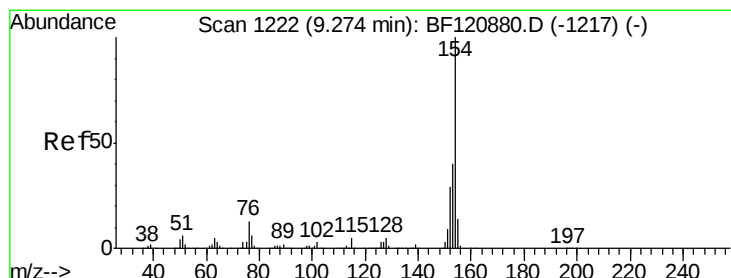
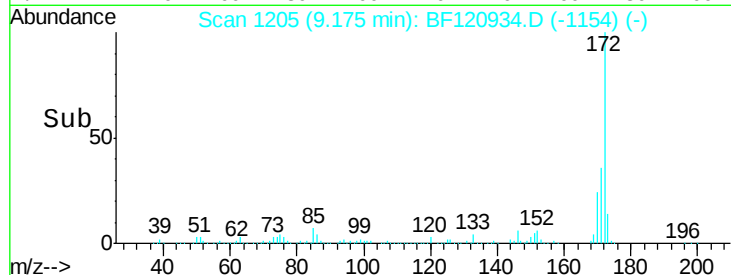
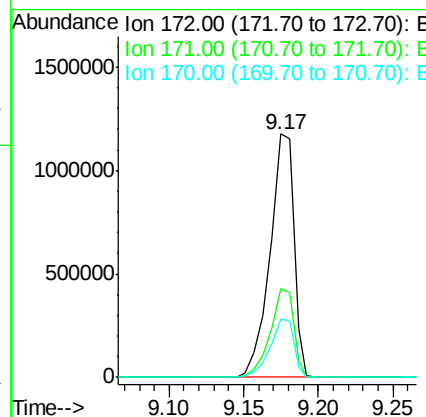
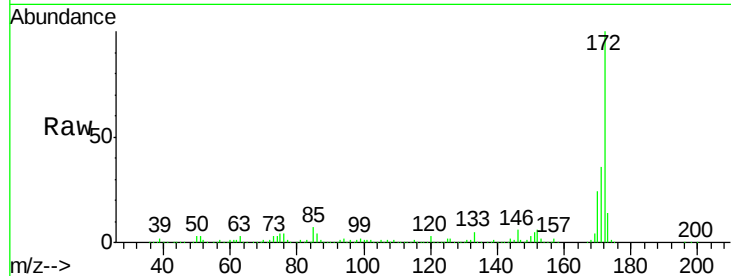
#45
2-Fluorobiphenyl
Concen: 49.088 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.0	43.4	
170	24.1	19.6	29.4	

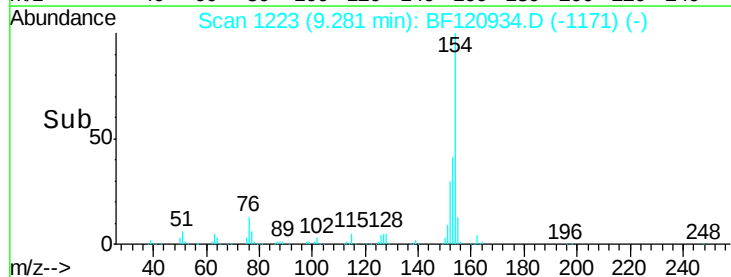
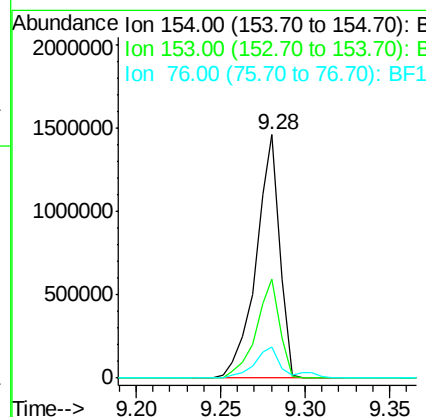
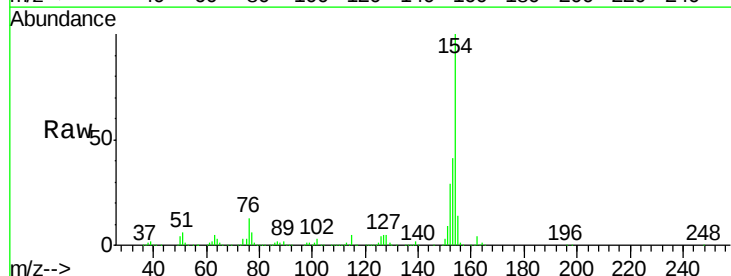
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#46
1,1'-Biphenyl
Concen: 47.183 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.9	20.4	60.4	
76	12.6	0.0	33.1	





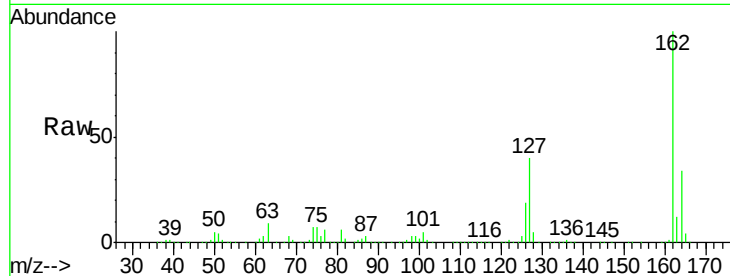
#47
2-Chloronaphthalene
Concen: 46.353 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

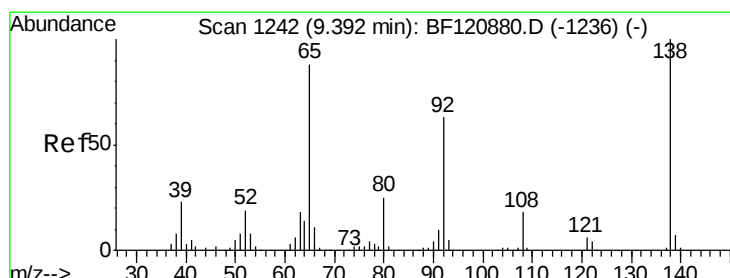
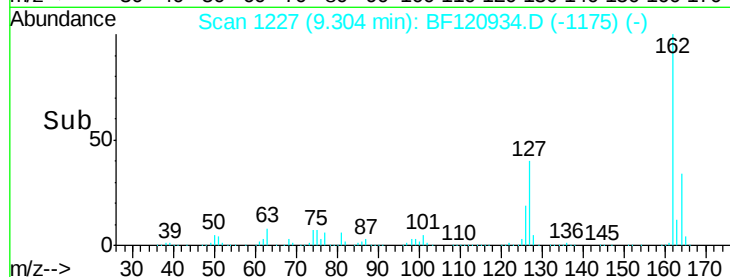
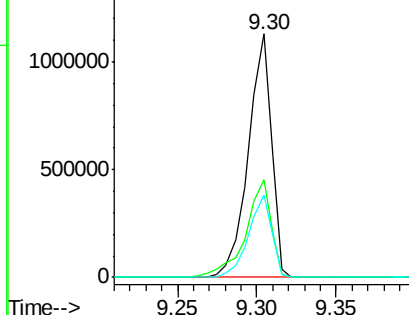
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.1	33.3	49.9	
164	33.6	26.6	39.8	

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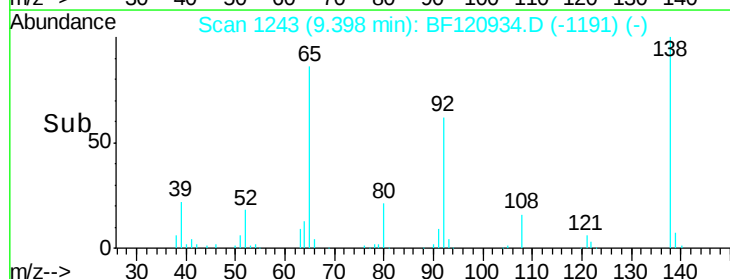
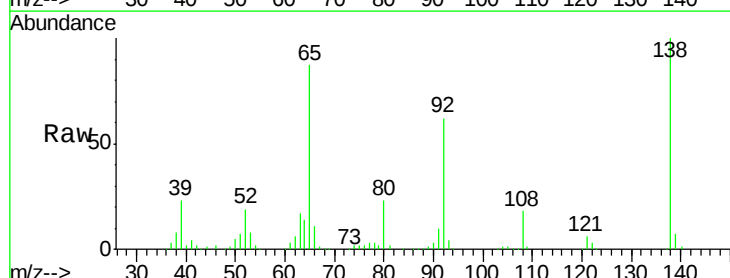
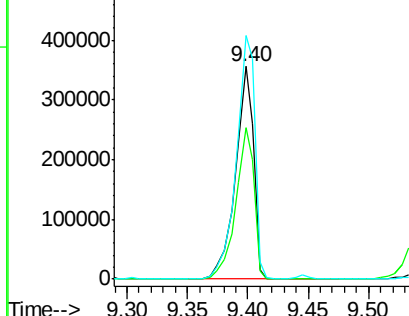
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

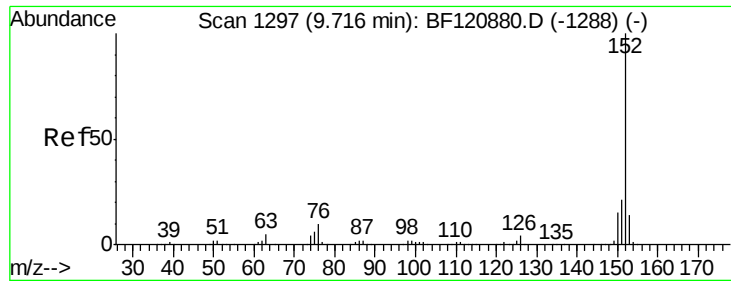


#48
2-Nitroaniline
Concen: 50.120 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	71.1	57.0	85.4	
138	114.4	90.4	135.6	

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





#49

Acenaphthylene

Concen: 46.908 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:152 Resp: 1794579

Ion Ratio Lower Upper

152 100

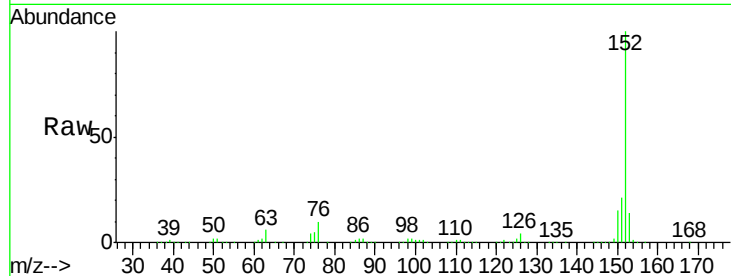
151 21.2 16.6 25.0

153 14.0 10.9 16.3

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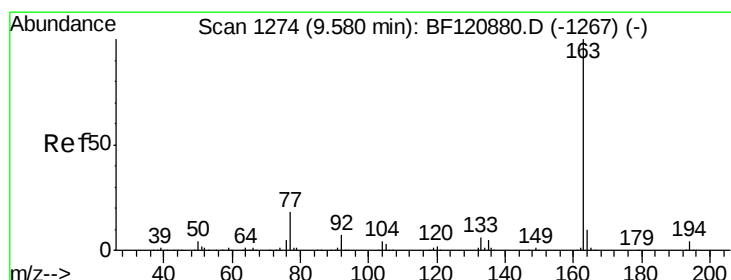
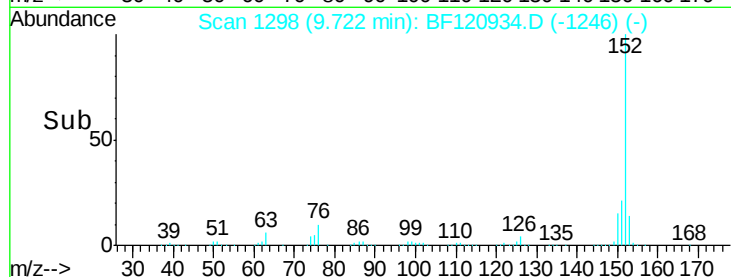
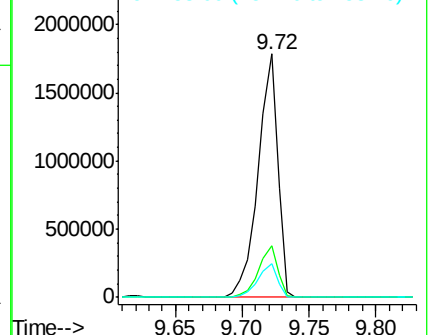
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.987 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

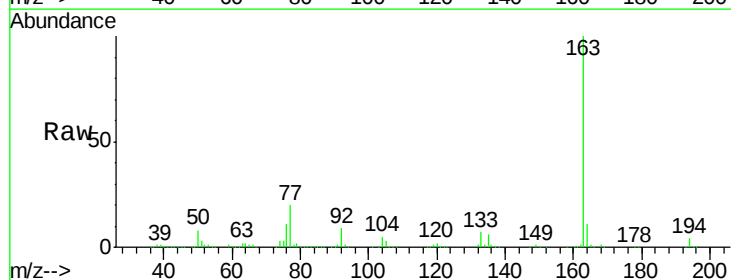
Tgt Ion:163 Resp: 1570838

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

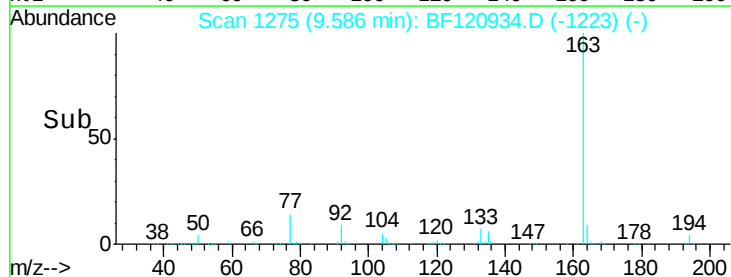
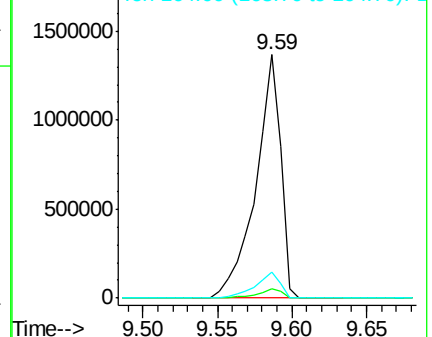
164 10.6 7.9 11.9

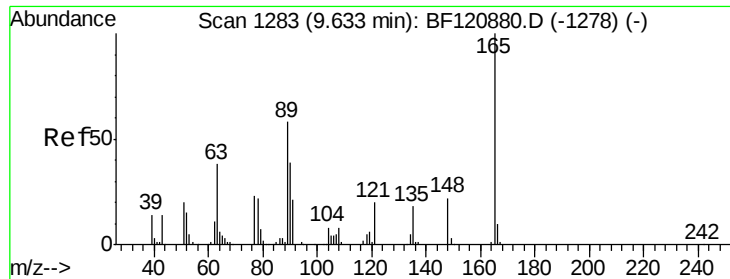


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





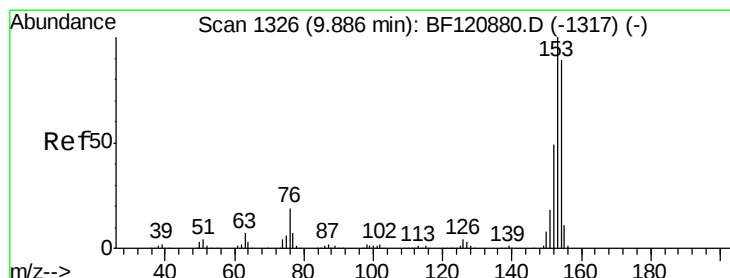
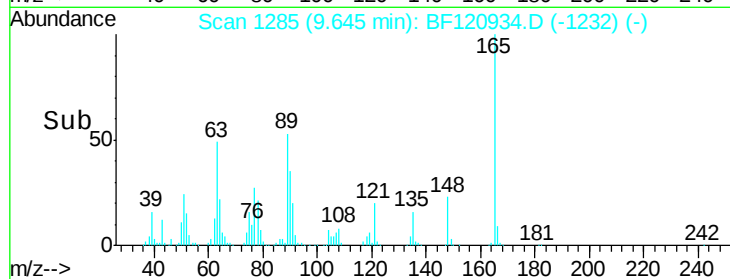
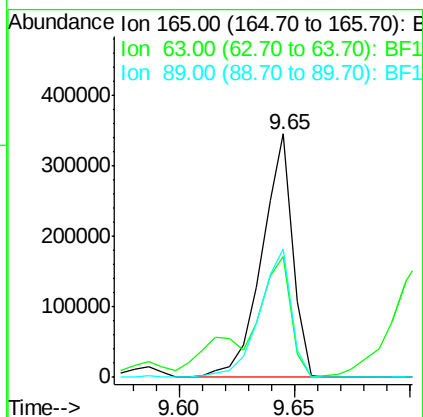
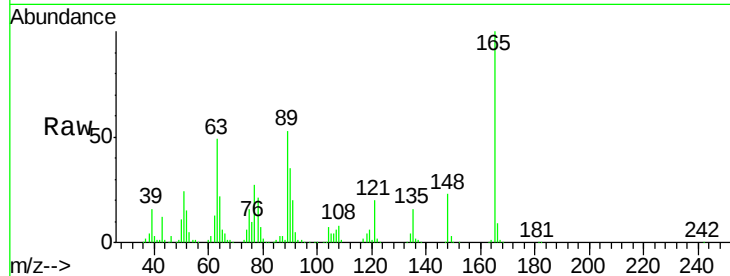
#51
2,6-Dinitrotoluene
Concen: 52.043 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	319408		
63	49.4		45.4	68.2
89	52.8		47.0	70.4

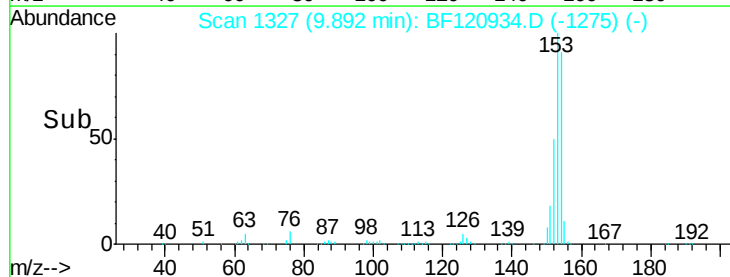
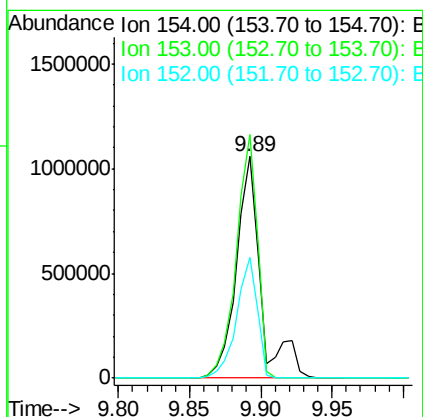
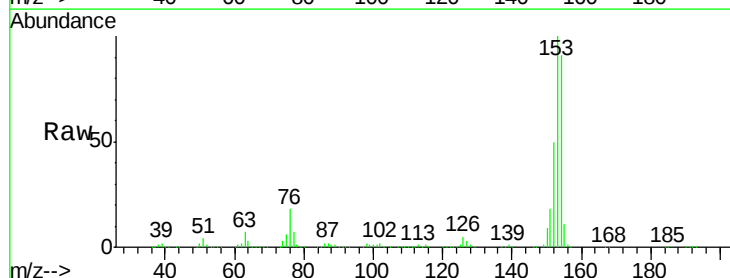
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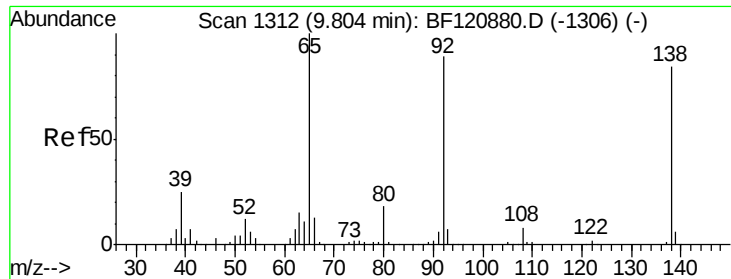
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#52
Acenaphthene
Concen: 51.415 ng m
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1250573		
153	109.8		89.5	134.3
152	54.6		44.2	66.2





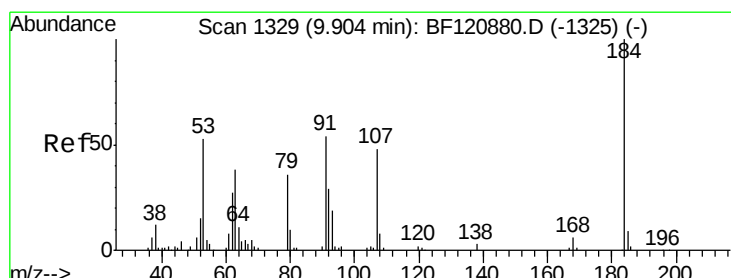
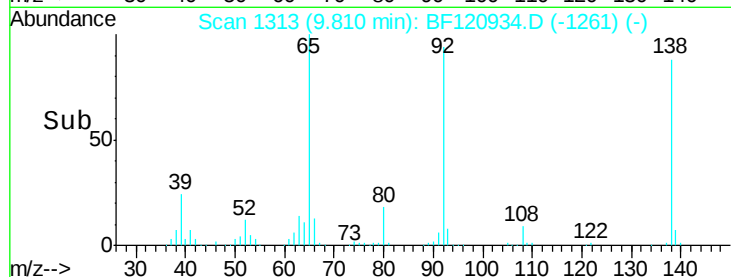
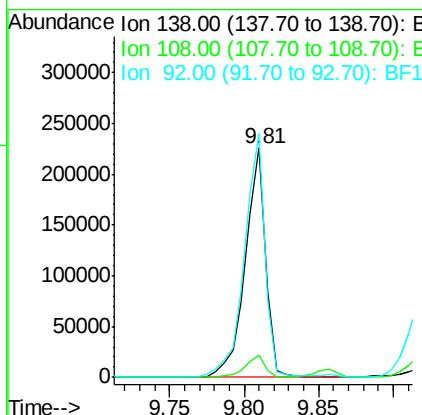
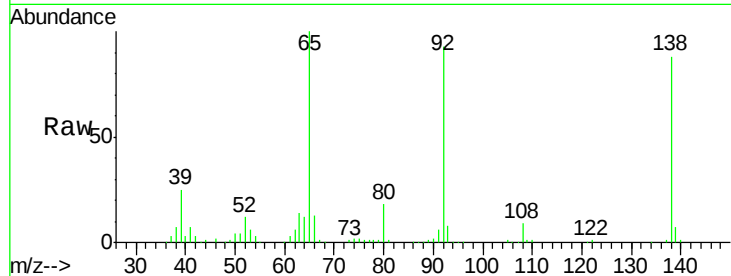
#53
3-Nitroaniline
Concen: 27.644 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	106.2	85.3	127.9

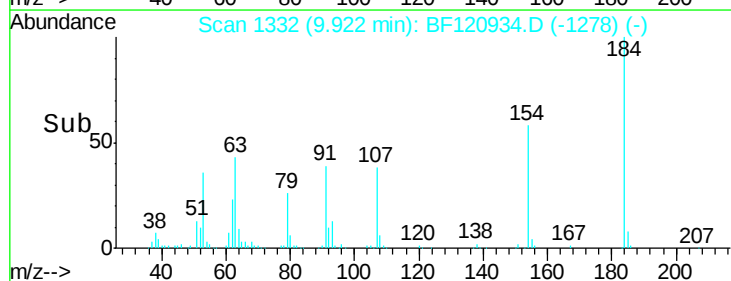
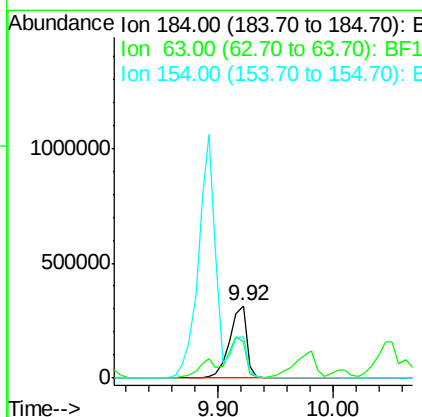
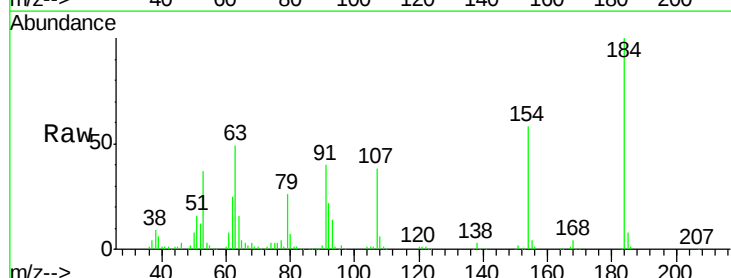
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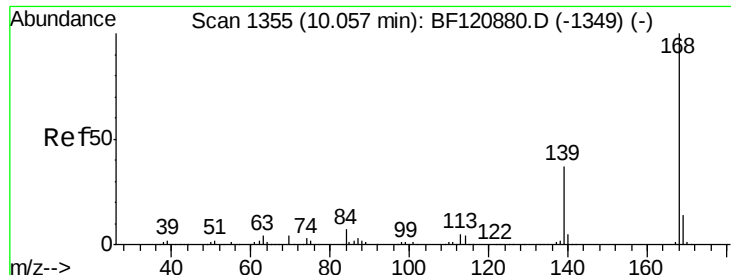
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#54
2,4-Dinitrophenol
Concen: 91.351 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.5	57.9	86.9#
154	57.9	52.6	78.8





#55

Dibenzenofuran

Concen: 45.746 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:168 Resp: 1609060

Ion Ratio Lower Upper

168 100

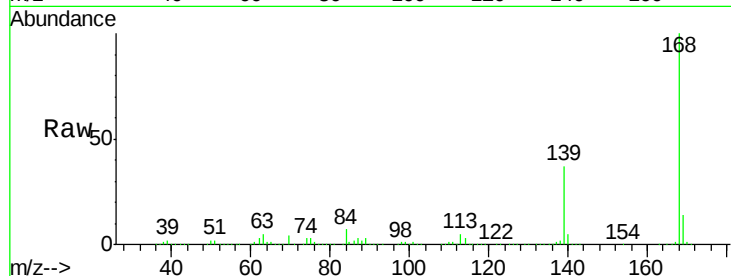
139 37.3 29.7 44.5

169 14.2 11.1 16.7

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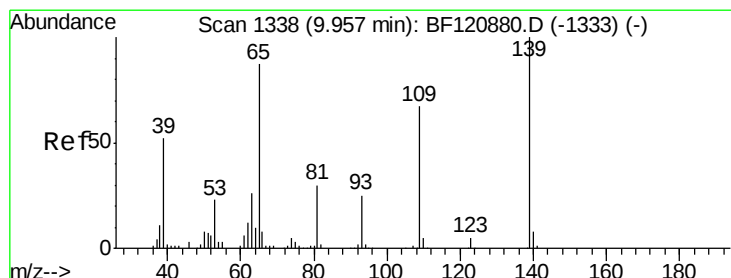
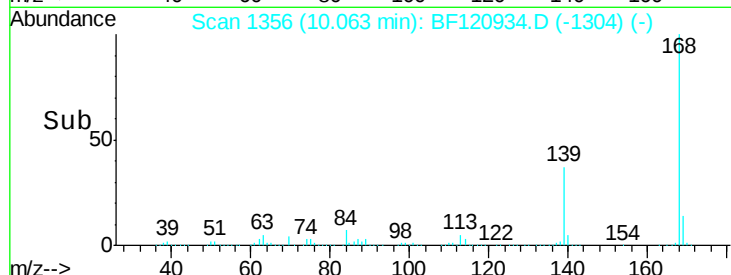
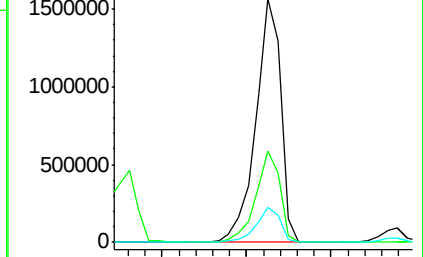
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 99.949 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

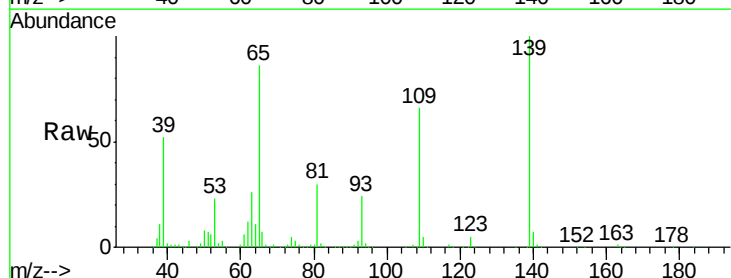
Tgt Ion:139 Resp: 584417

Ion Ratio Lower Upper

139 100

109 66.3 47.3 87.3

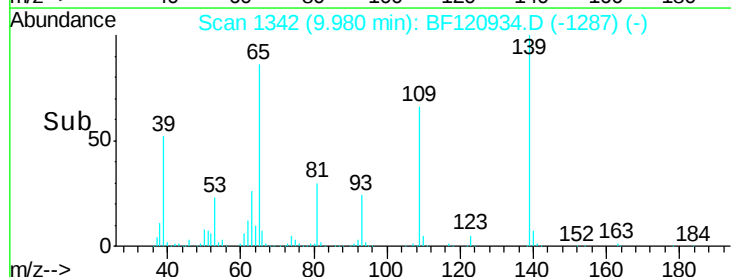
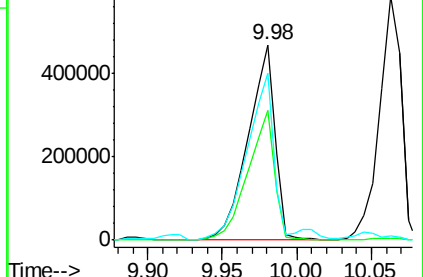
65 85.7 67.2 107.2

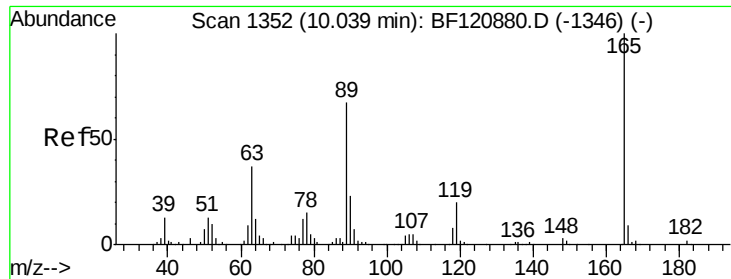


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





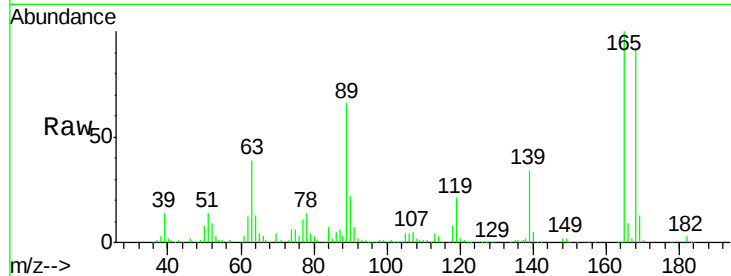
#57
2,4-Dinitrotoluene
Concen: 53.006 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		427217		
63	39.4	29.4	44.2		
89	65.7	53.4	80.0		
182	2.5	1.8	2.6		

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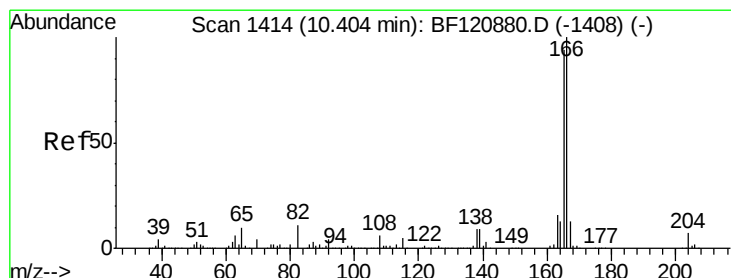
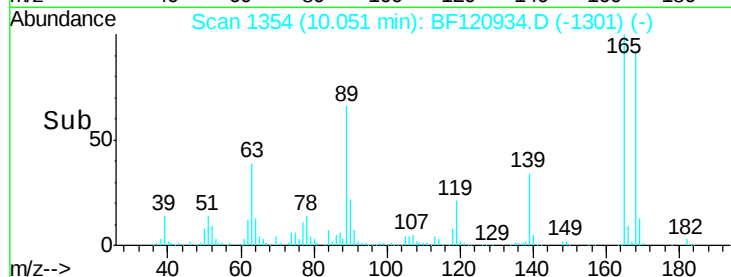
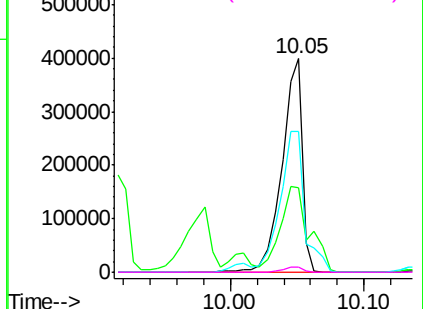


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



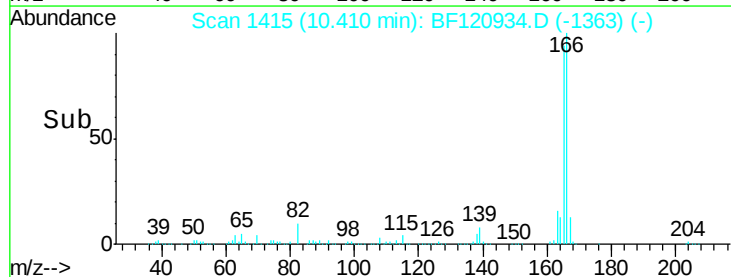
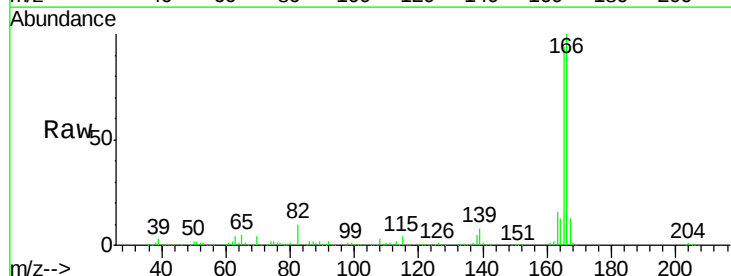
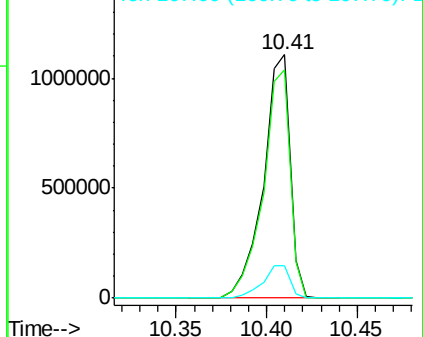
#58
Fluorene
Concen: 43.458 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1140050		
165	93.6	75.4	113.0		
167	13.2	10.6	15.8		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





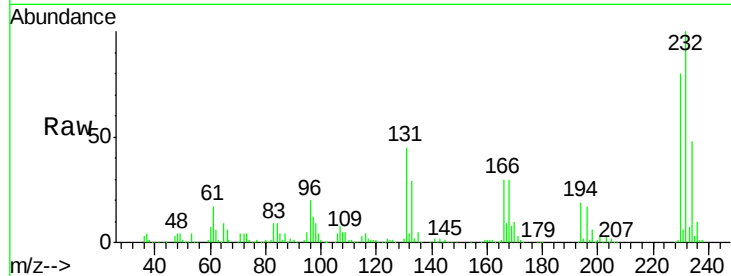
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.124 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.1	55.7
130	2.1	1.7	2.5
166	29.5	24.2	36.4

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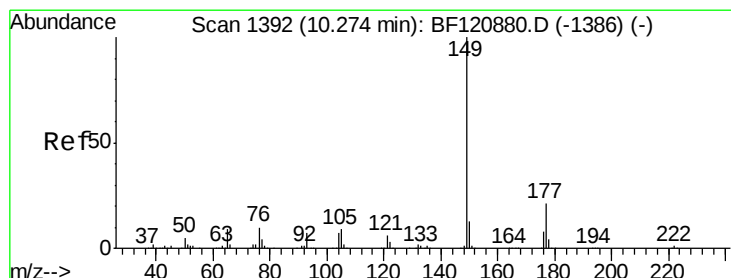
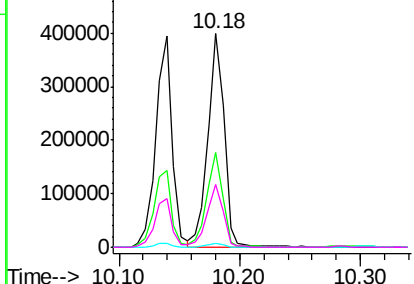
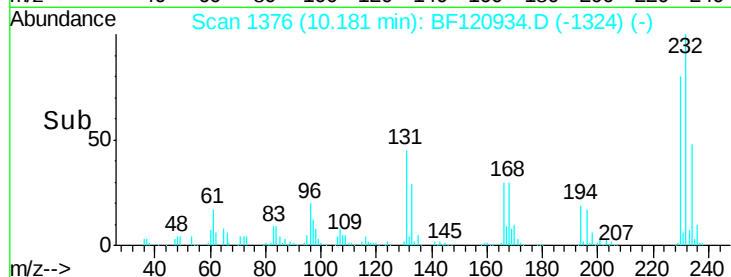
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

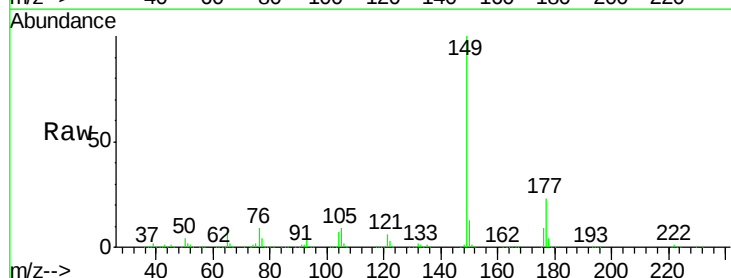
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.609 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.1	25.7
150	12.7	10.3	15.5

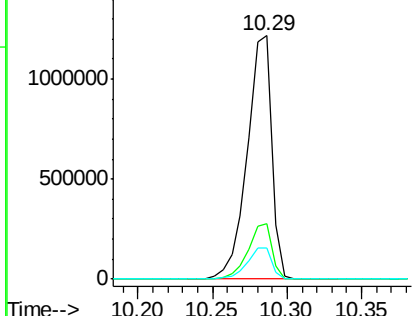
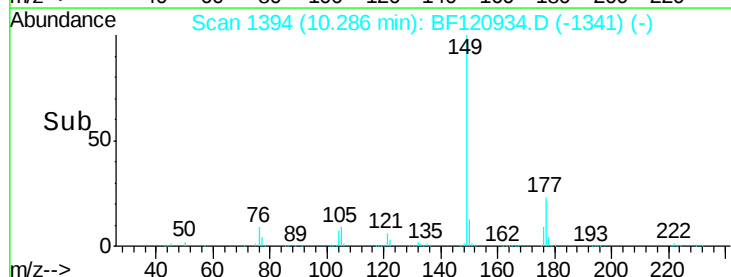


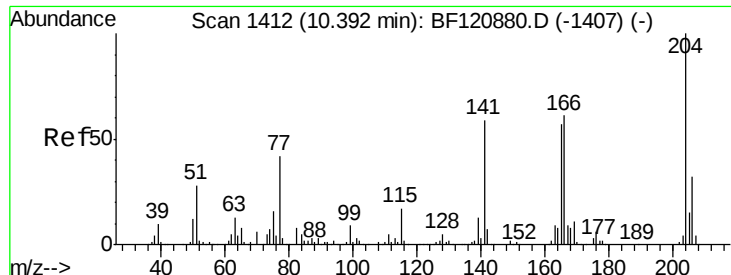
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





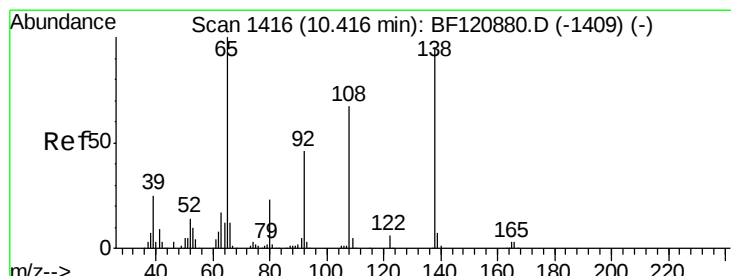
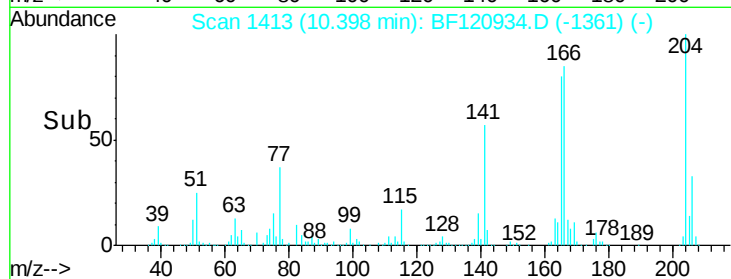
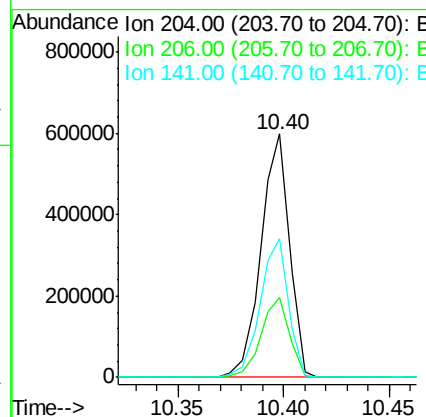
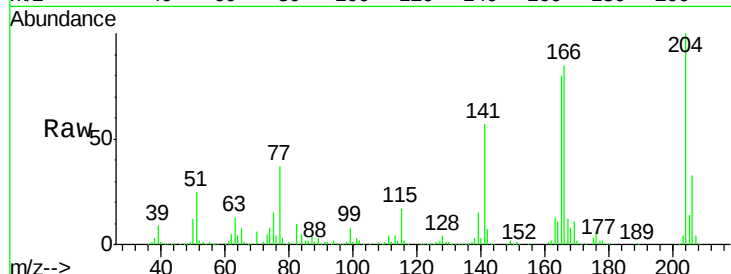
#61
 4-Chlorophenyl-phenylether
 Concen: 40.035 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	57.1	47.2	70.8

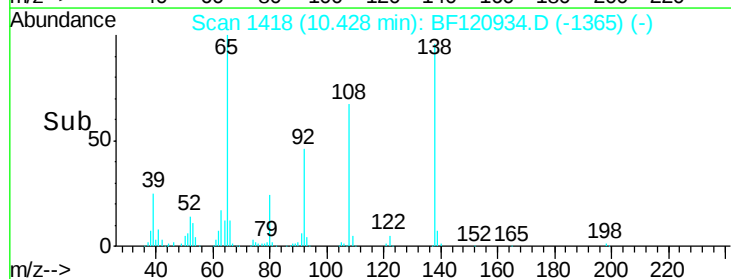
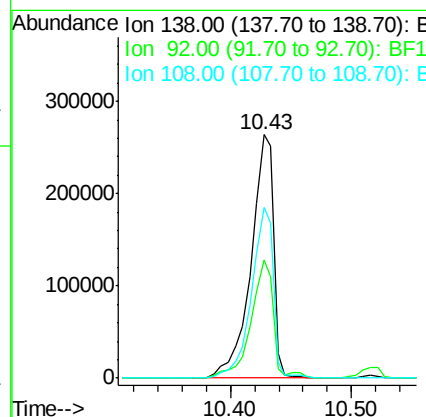
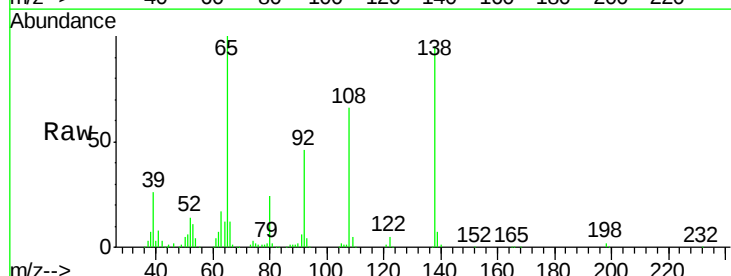
Manual Integrations
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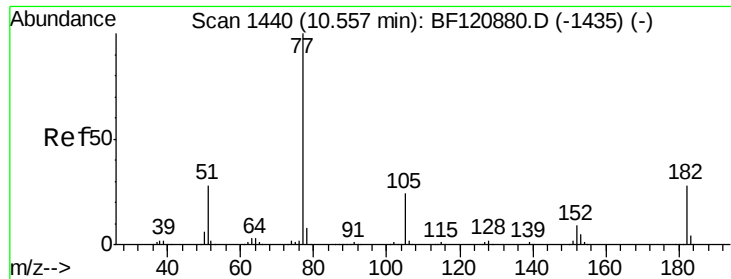
mohammad
 7/21/2020 11:32:39 AM



#62
 4-Nitroaniline
 Concen: 46.158 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	28.6	68.6
108	69.9	51.1	91.1





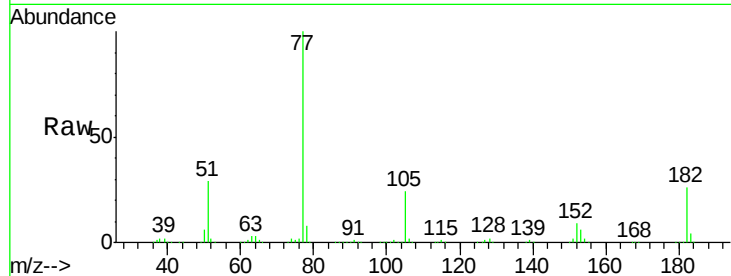
#63
Azobenzene
Concen: 47.024 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

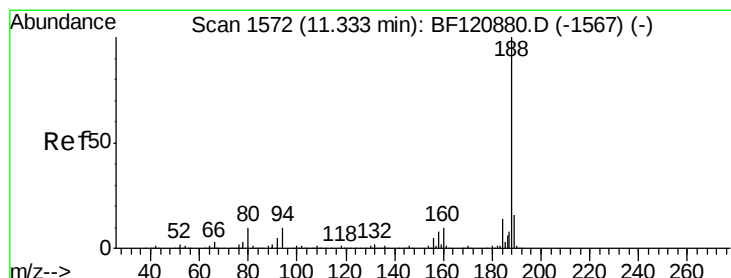
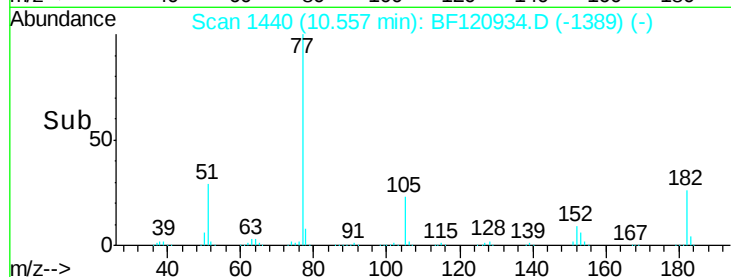
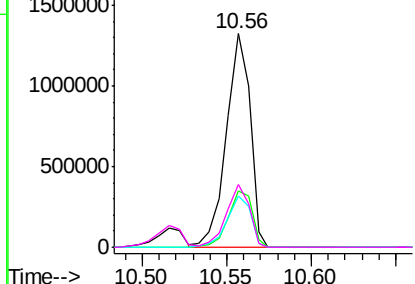
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.8	47.8
105	23.8	4.4	44.4
51	29.4	8.0	48.0

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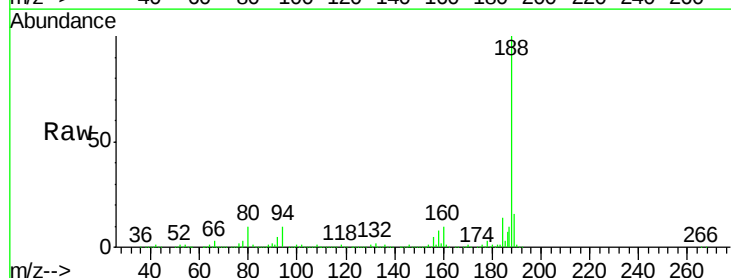


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

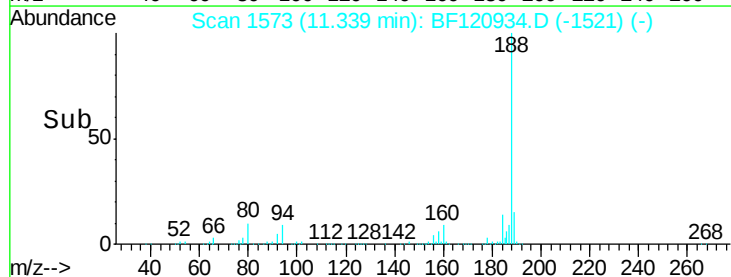
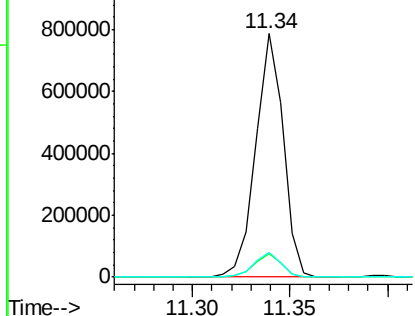


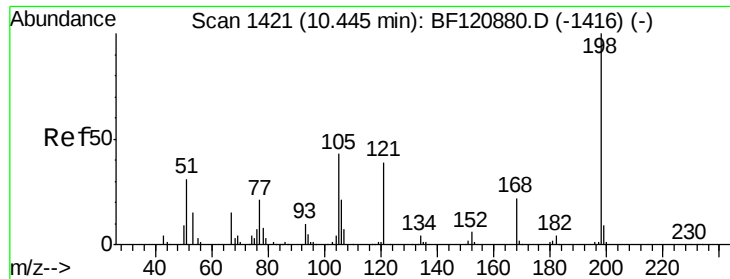
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.0	8.3	12.5



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: 51.834 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampled :

TP-15-SMSD

Tot Ion:198 Resp: 232764

Ion Ratio Lower Upper

198 100

51 37.4 19.5 59.5

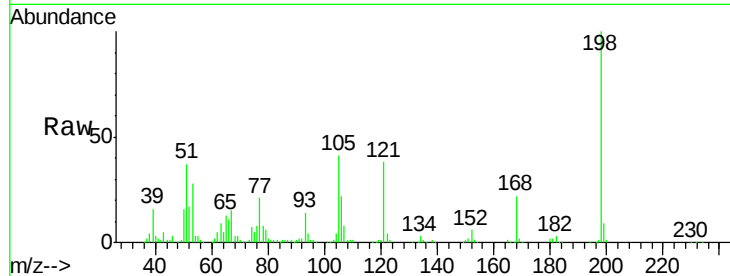
105 41.0 24.4 64.4

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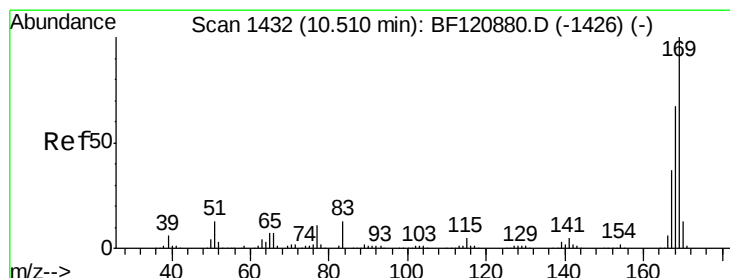
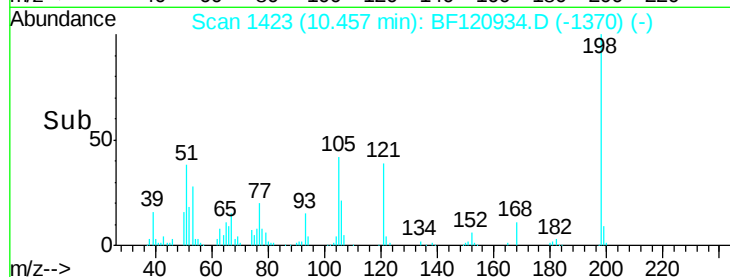
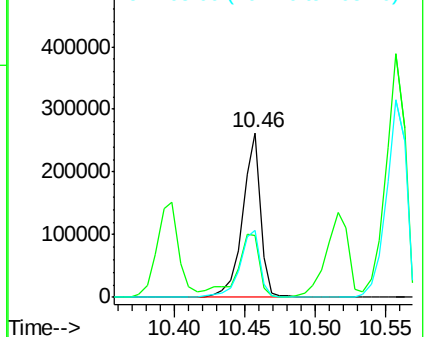
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.917 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

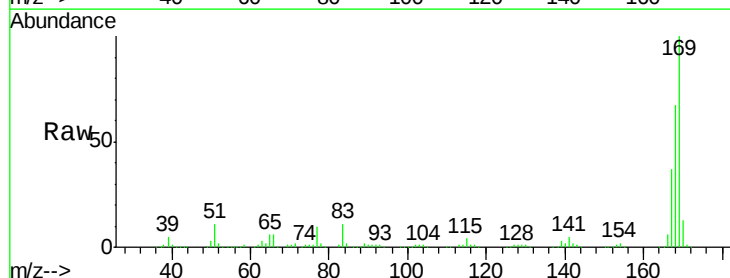
Tgt Ion:169 Resp: 1162094

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

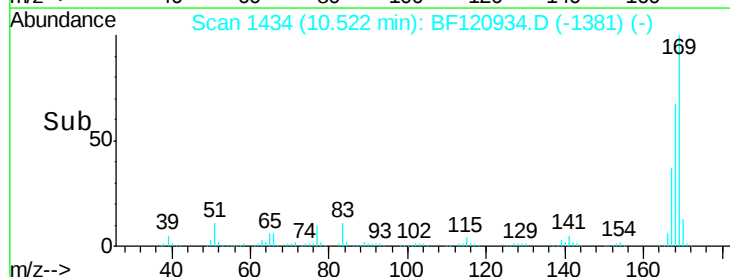
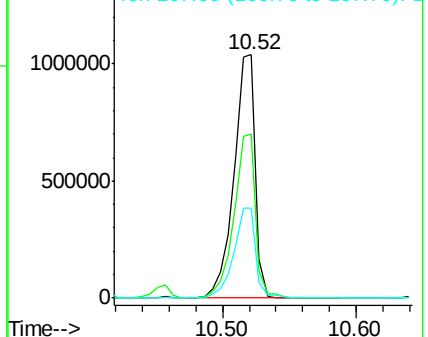
167 37.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





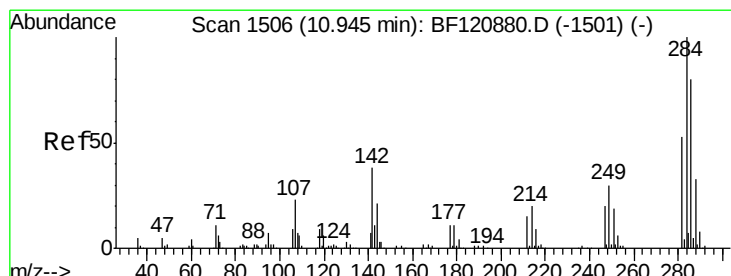
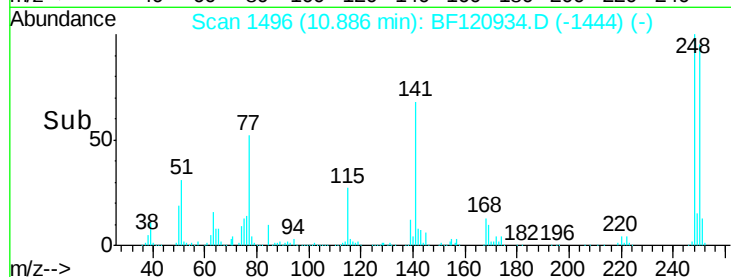
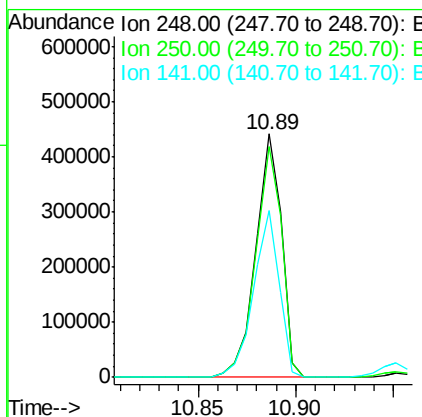
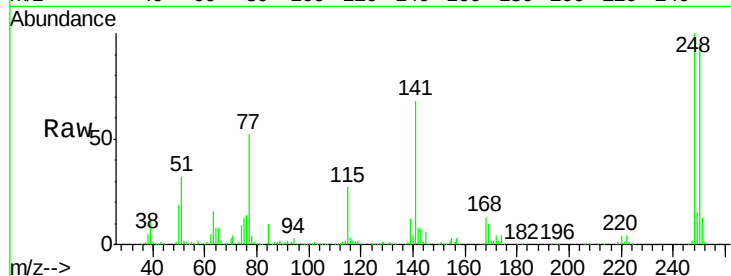
#67
 4-Bromophenyl-phenylether
 Concen: 47.026 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:	248	Resp:	404206
Ion Ratio	Lower	Upper	
248	100		
250	94.6	77.1	115.7
141	68.3	61.2	91.8

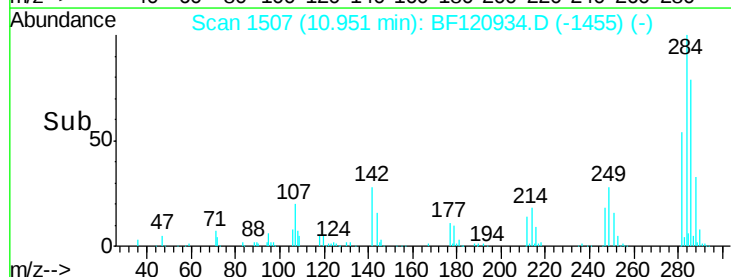
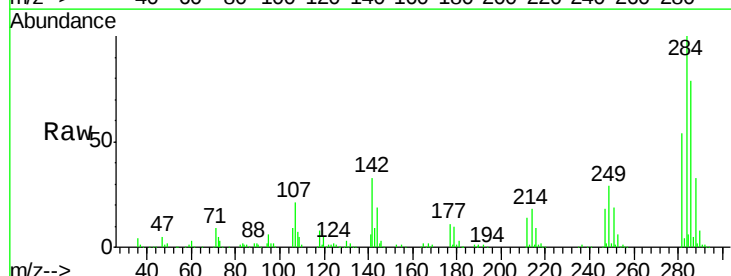
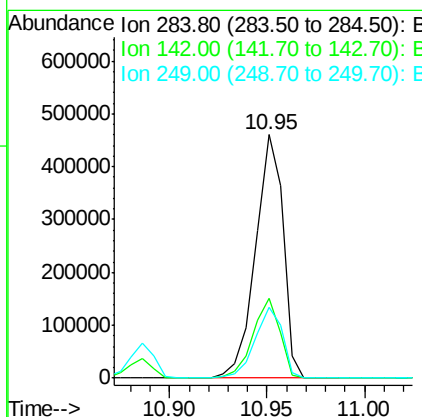
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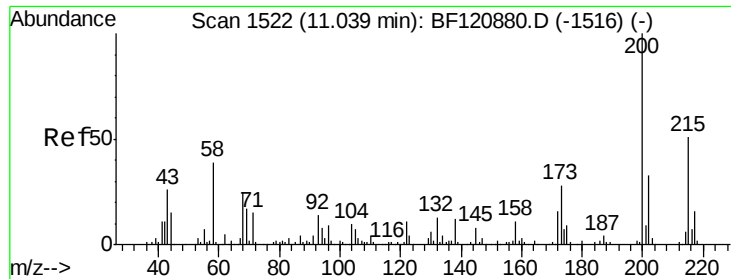
mohammad
 7/21/2020 11:32:39 AM



#68
 Hexachlorobenzene
 Concen: 48.678 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:	284	Resp:	452608
Ion Ratio	Lower	Upper	
284	100		
142	33.0	30.2	45.2
249	29.1	24.2	36.2





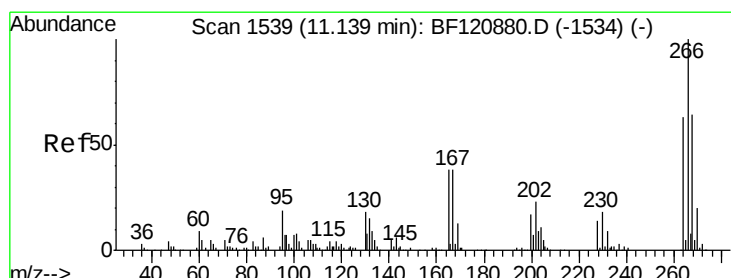
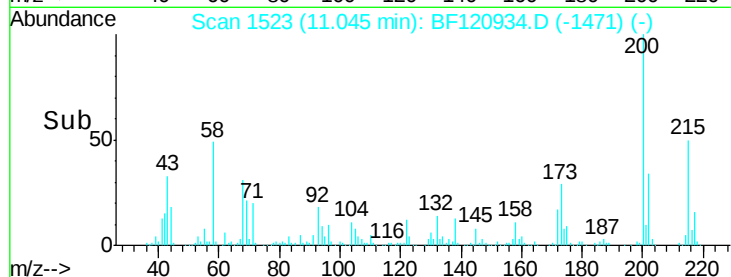
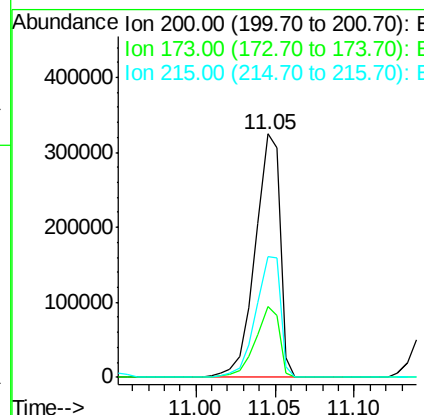
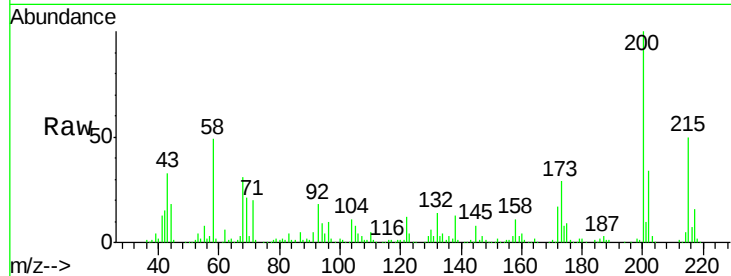
#69
 Atrazine
 Concen: 58.994 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	8.0	48.0
215	49.7	31.5	71.5

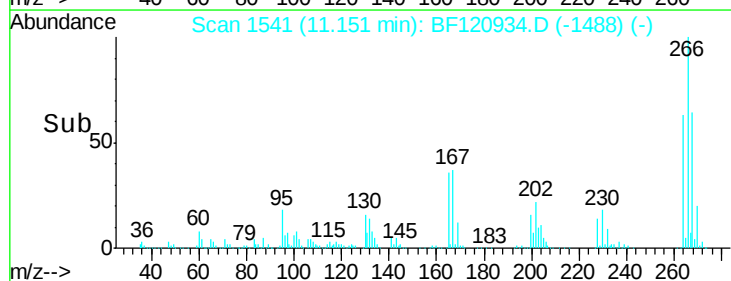
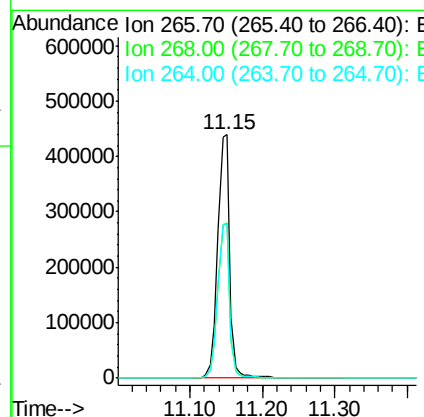
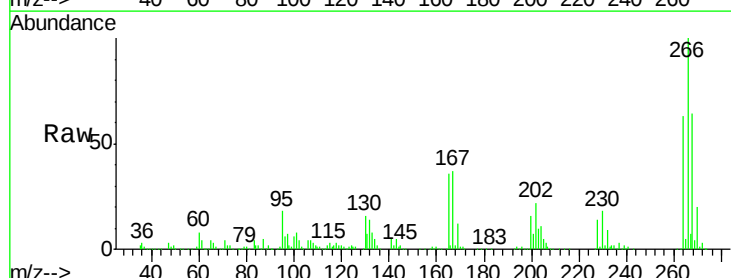
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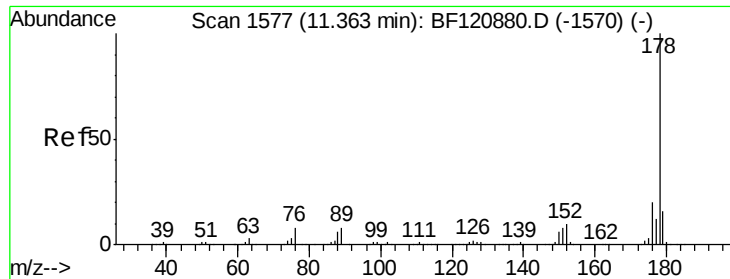
mohammad
 7/21/2020 11:32:39 AM



#70
 Pentachlorophenol
 Concen: 95.934 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.0	50.2	75.2





#71

Phenanthrene

Concen: 45.318 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:178 Resp: 1796847

Ion Ratio Lower Upper

178 100

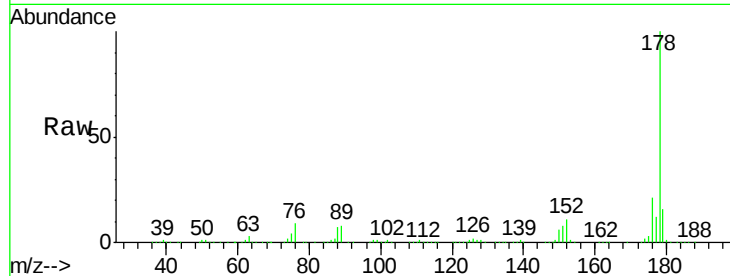
176 20.8 16.2 24.4

179 16.3 12.8 19.2

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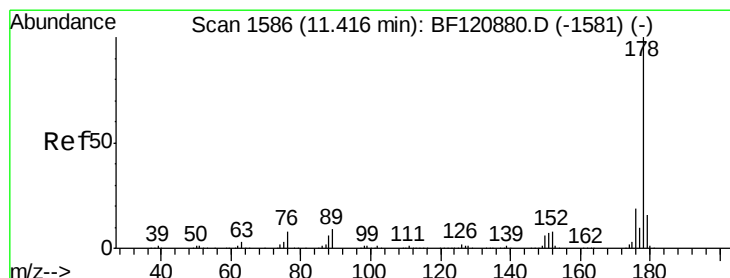
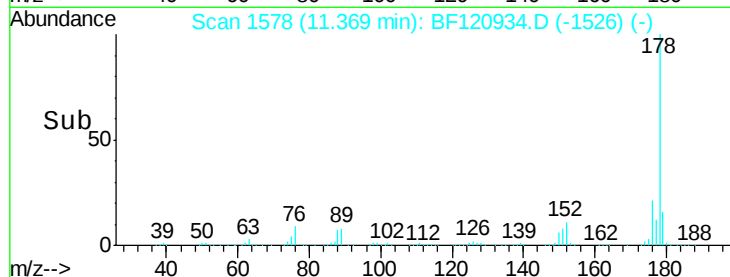
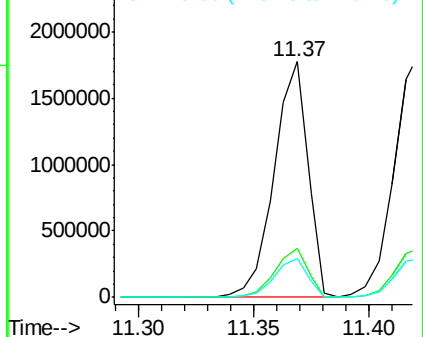
7/21/2020 11:32:39 AM



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: 46.173 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:178 Resp: 1838329

Ion Ratio Lower Upper

178 100

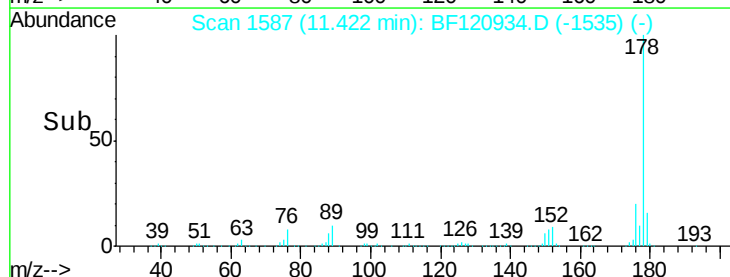
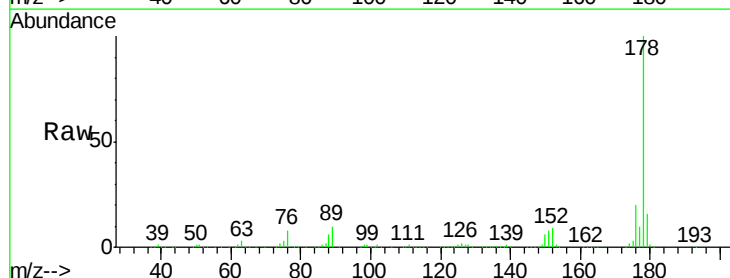
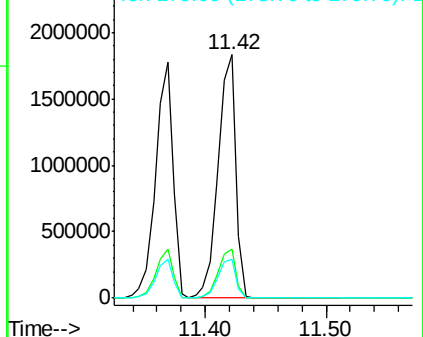
176 20.2 15.5 23.3

179 16.1 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





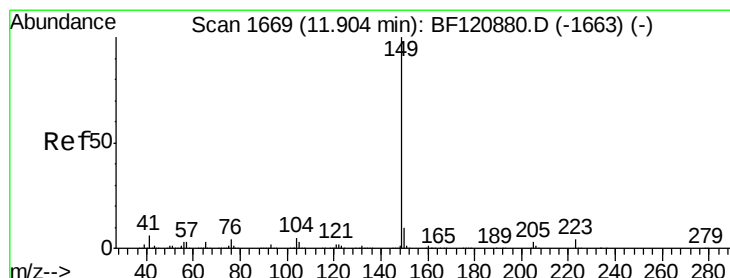
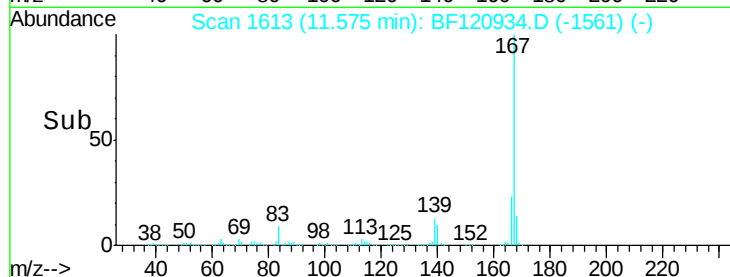
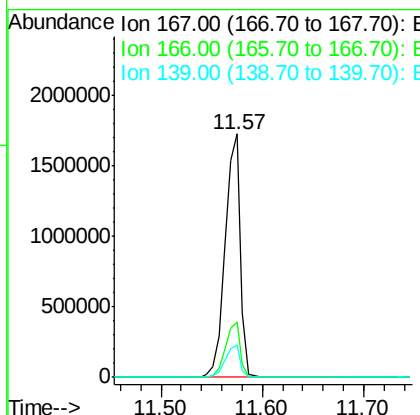
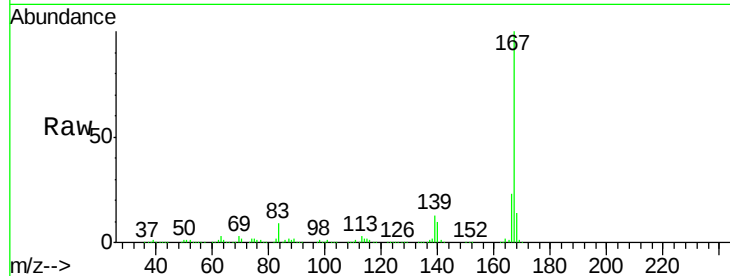
#73
 Carbazole
 Concen: 45.108 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:167 Resp: 1782281
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.7 26.5
 139 13.1 10.1 15.1

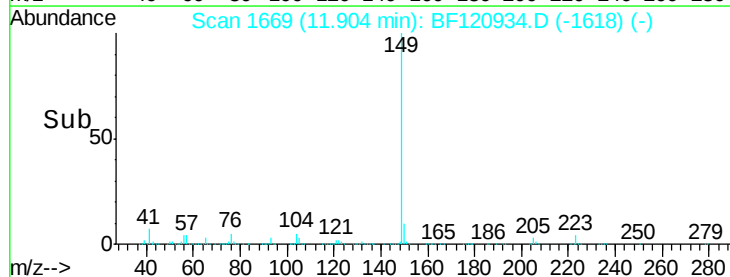
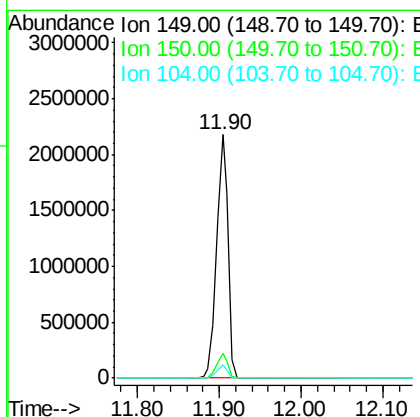
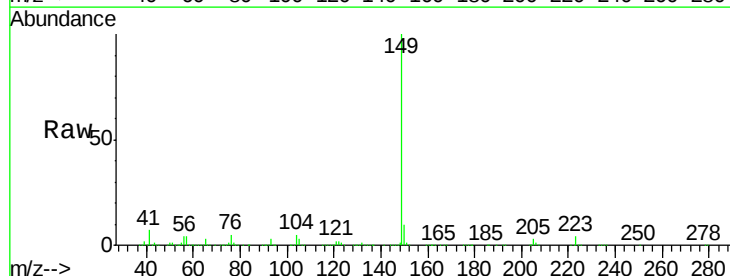
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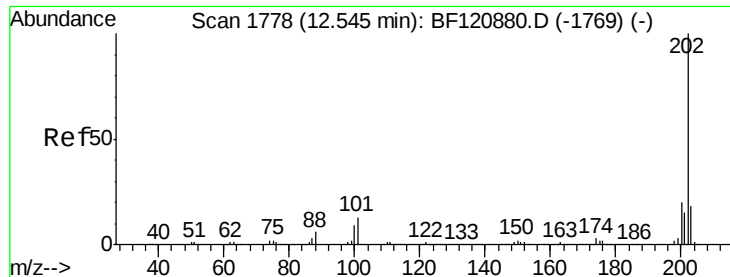
mohammad
 7/21/2020 11:32:39 AM



#74
 Di-n-butylphthalate
 Concen: 46.622 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:149 Resp: 2125806
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.2 3.8 5.6





#75

Fluoranthene

Concen: 45.919 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampled :

TP-15-SMSD

Tot Ion:202 Resp: 2018088

Ion Ratio Lower Upper

202 100

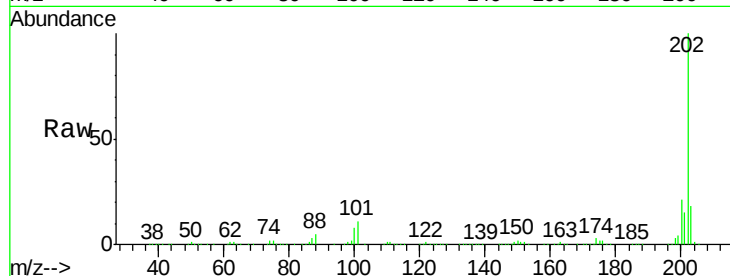
101 10.9 0.0 32.7

203 18.3 0.0 38.0

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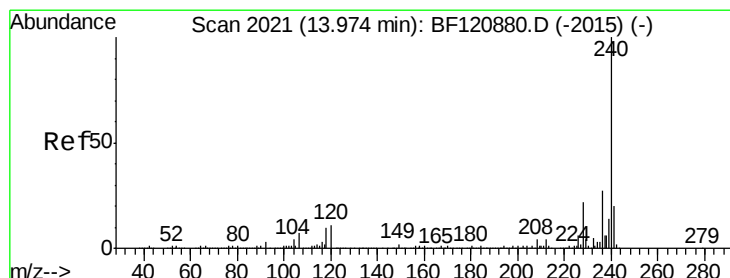
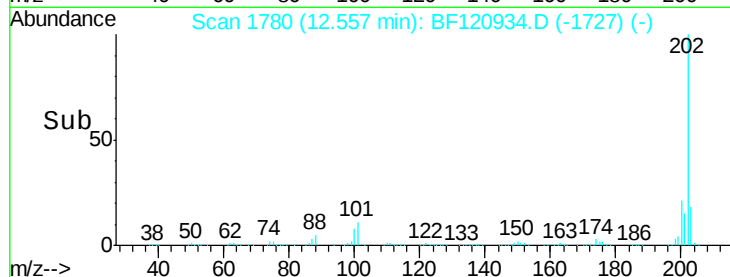
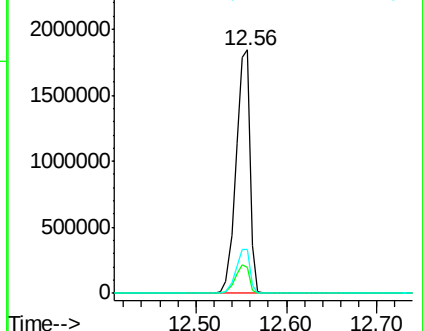
7/21/2020 11:32:39 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:240 Resp: 583630

Ion Ratio Lower Upper

240 100

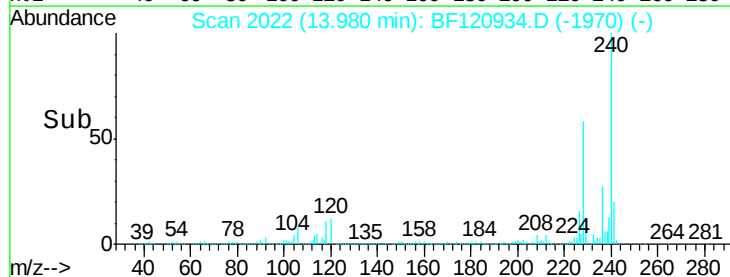
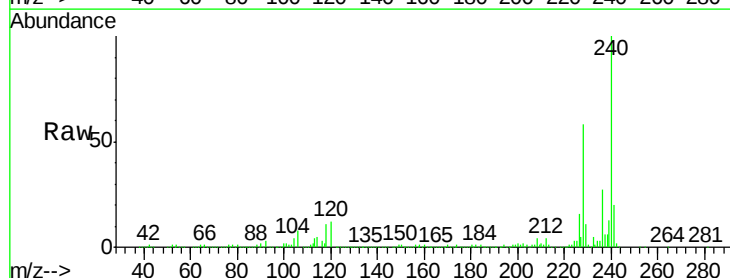
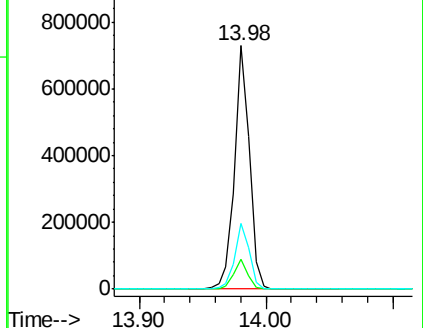
120 12.4 9.0 13.4

236 26.9 21.7 32.5

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.504 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

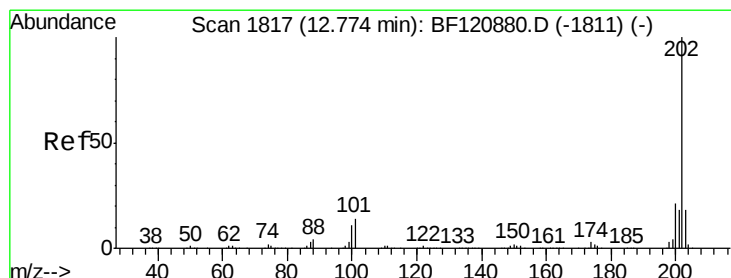
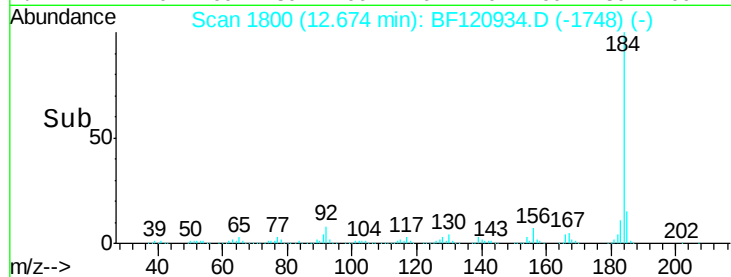
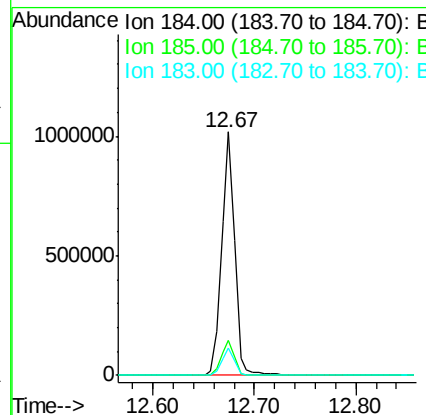
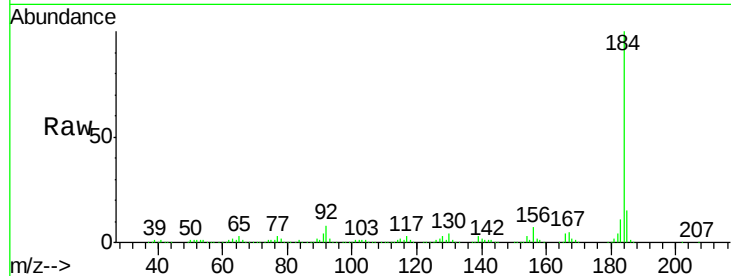
ClientSampleId :

TP-15-SMSD

Tot Ion:	184	Resp:	913070
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	11.1	8.5	12.7

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#78

Pyrene

Concen: 49.446 ng

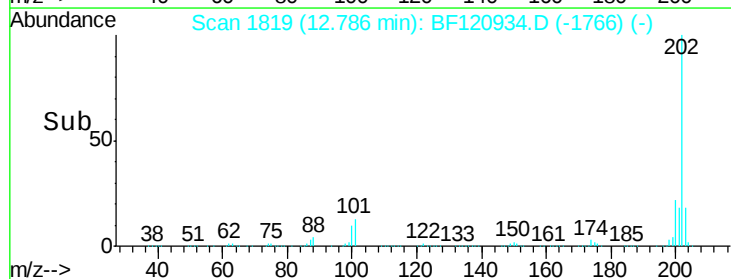
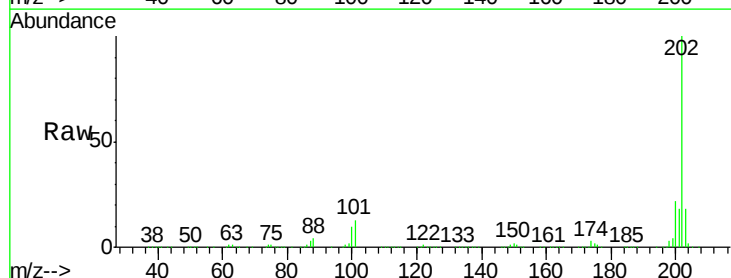
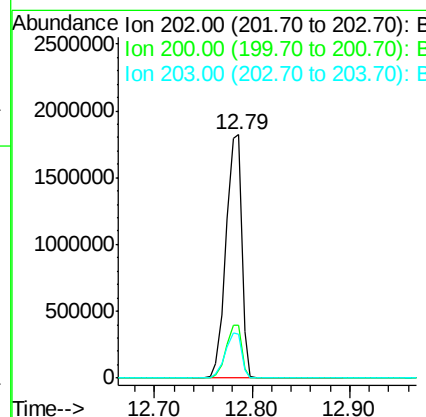
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:	202	Resp:	2040275
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.0	25.4
203	18.0	14.4	21.6





#79

Terphenyl-d14

Concen: 51.079 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:244 Resp: 1371404

Ion Ratio Lower Upper

244 100

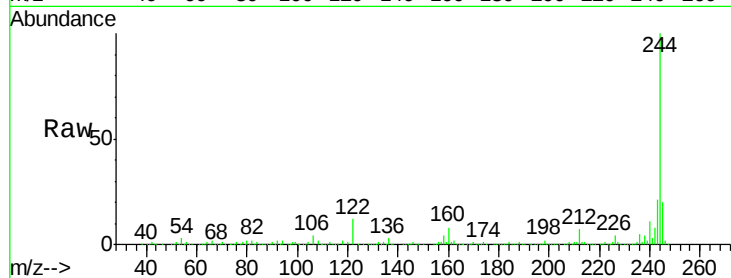
212 7.2 5.6 8.4

122 11.7 8.9 13.3

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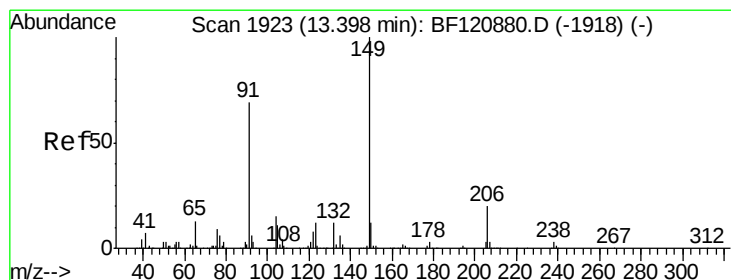
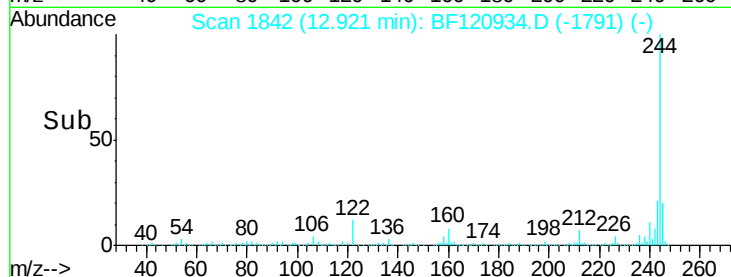
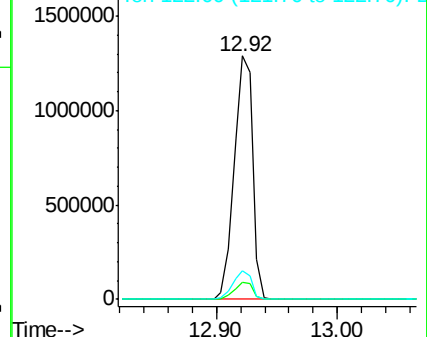
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.737 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

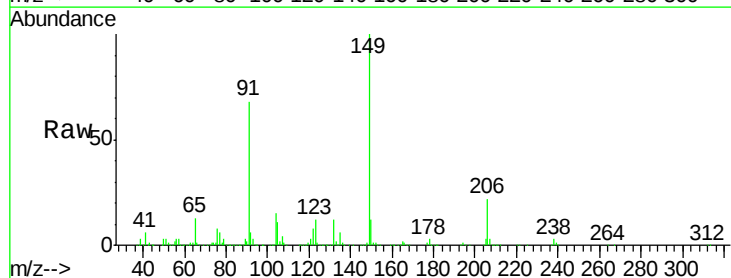
Tgt Ion:149 Resp: 951665

Ion Ratio Lower Upper

149 100

91 68.1 55.1 82.7

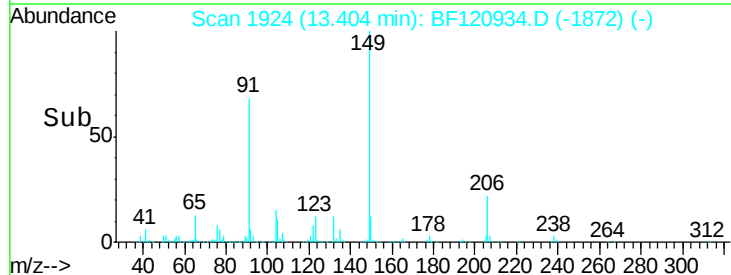
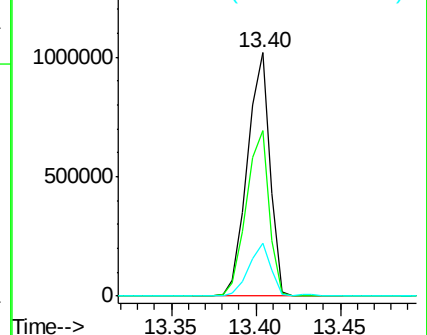
206 21.8 16.1 24.1

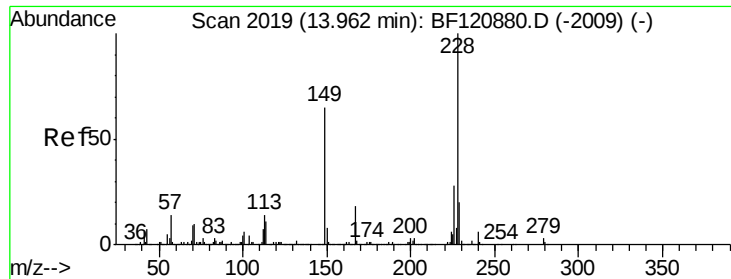


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.050 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:228 Resp: 1592134

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

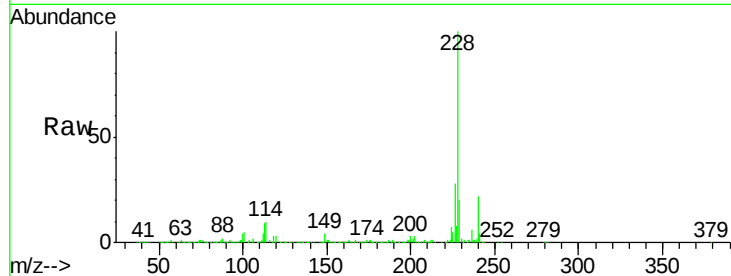
229 19.7 16.1 24.1

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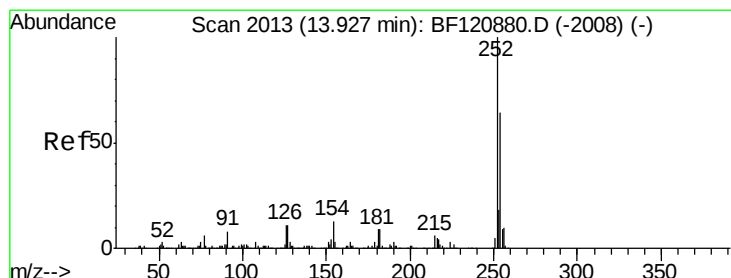
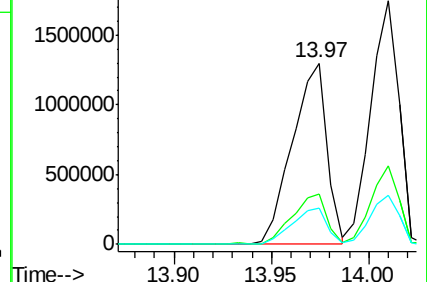
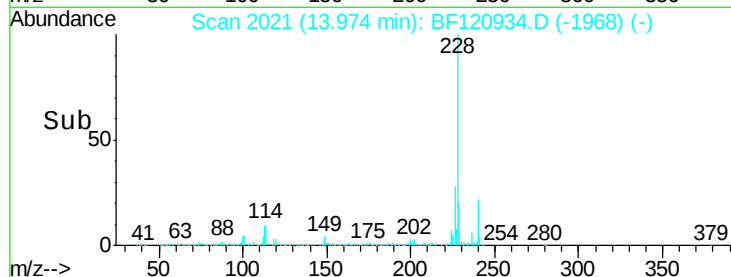
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.236 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

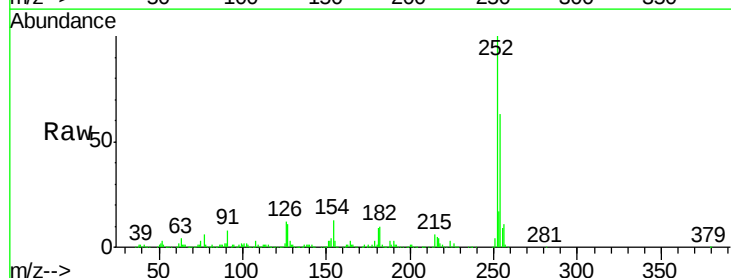
Tgt Ion:252 Resp: 509815

Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

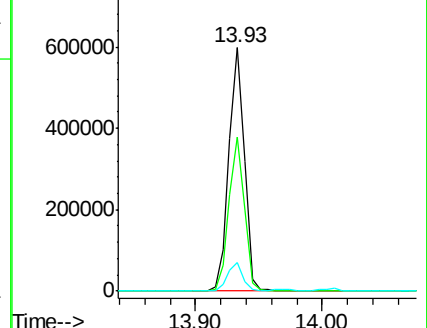
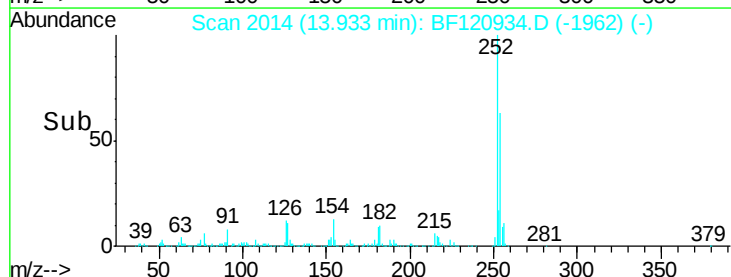
126 11.9 8.7 13.1

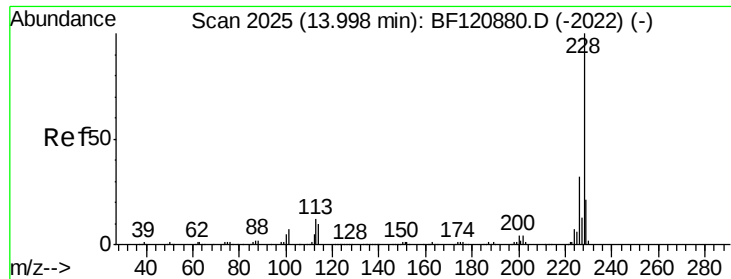


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





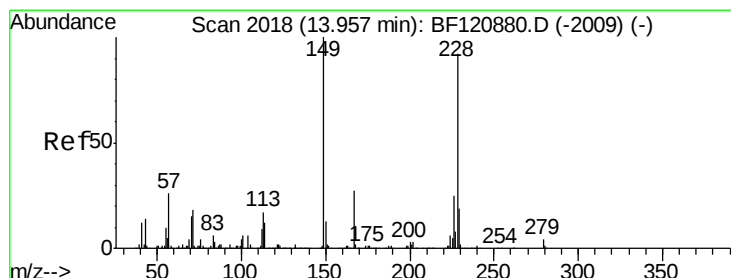
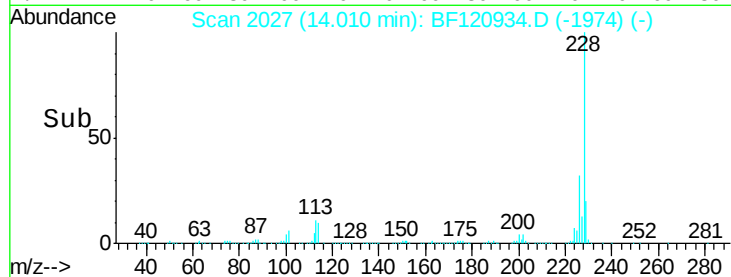
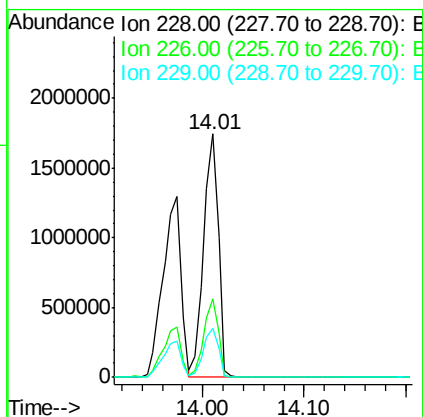
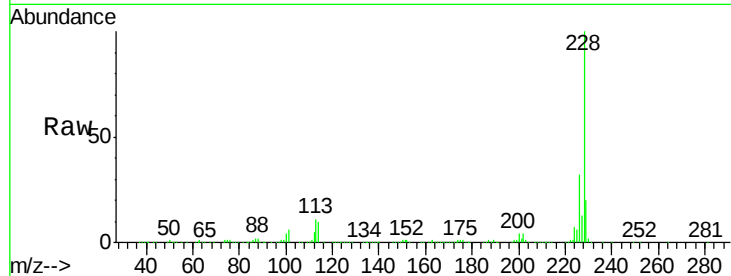
#83
Chrysene
Concen: 47.456 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion:228 Resp: 1762551
Ion Ratio Lower Upper
228 100
226 32.1 25.6 38.4
229 20.3 16.8 25.2

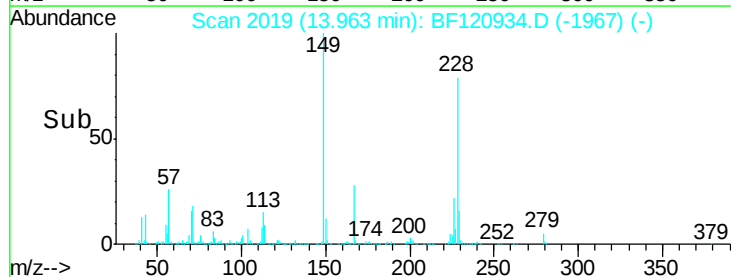
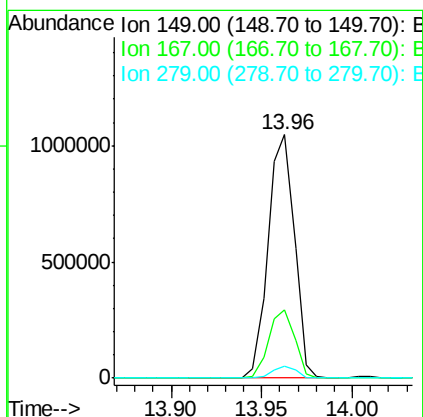
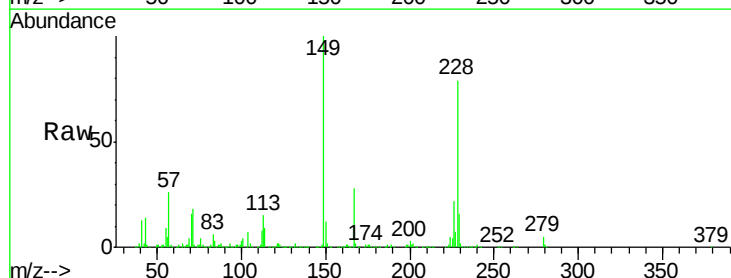
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.616 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:149 Resp: 1057371
Ion Ratio Lower Upper
149 100
167 27.9 21.9 32.9
279 4.7 3.0 4.4#





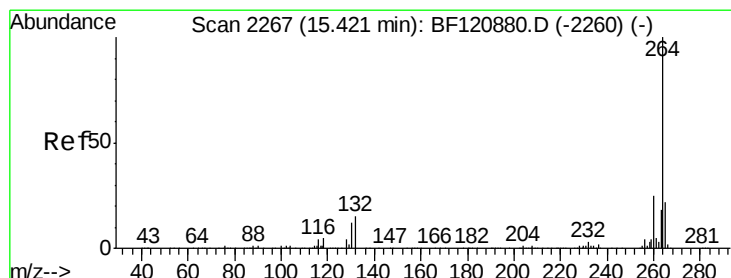
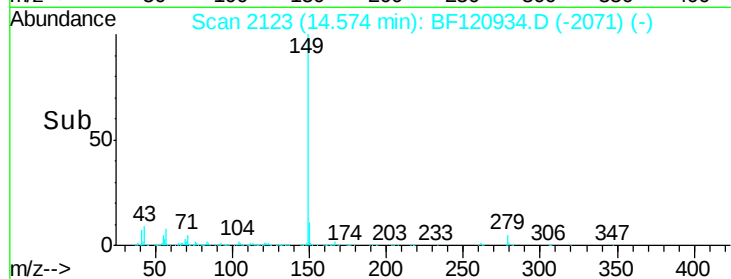
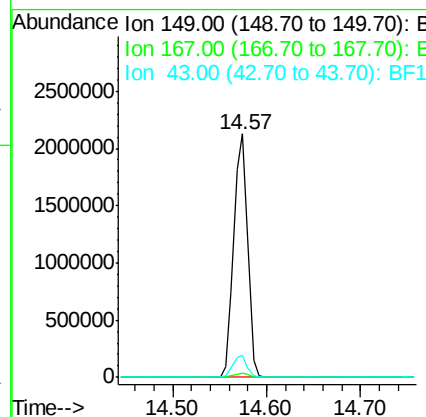
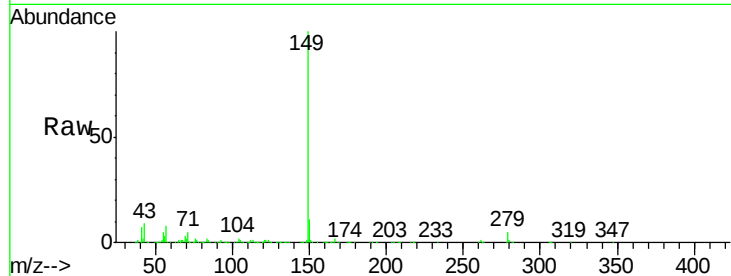
#85
Di-n-octyl phthalate
Concen: 48.686 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.6	11.4

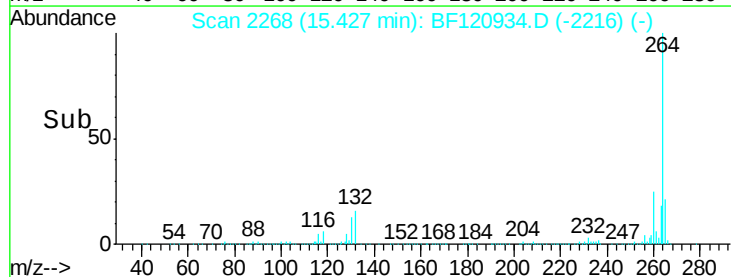
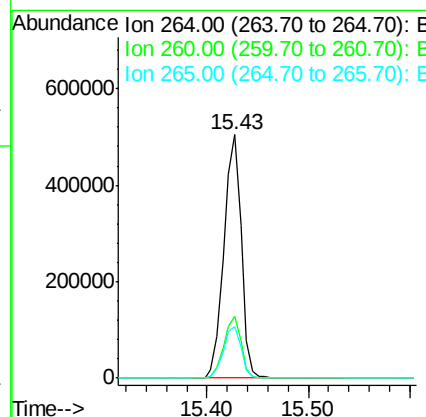
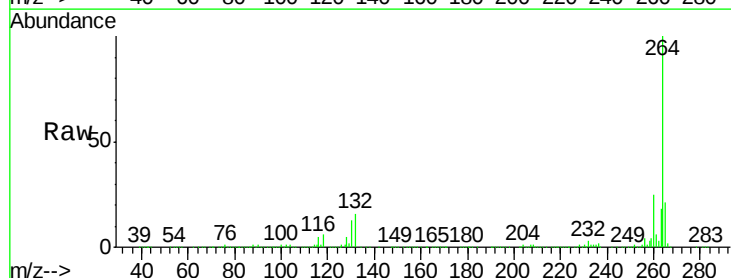
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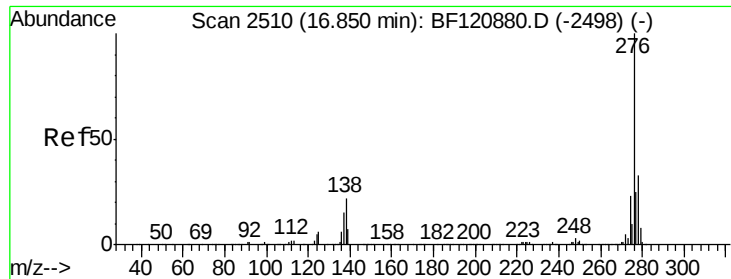
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	21.4	17.4	26.2





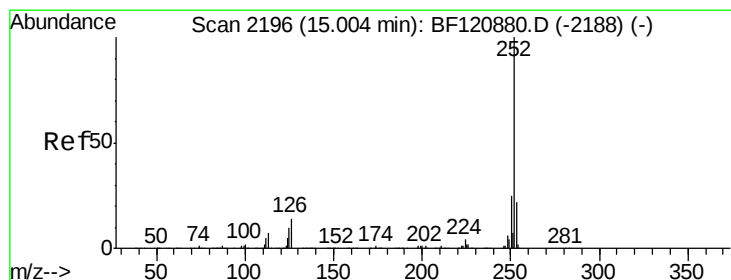
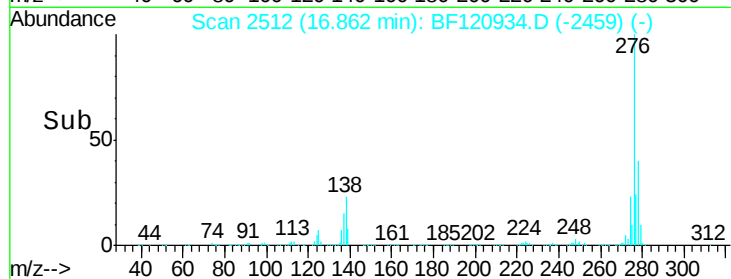
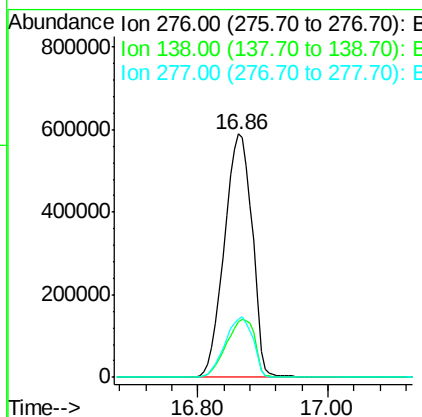
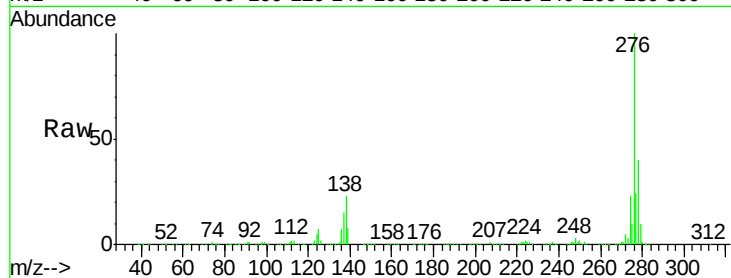
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.753 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.2	20.2	30.2

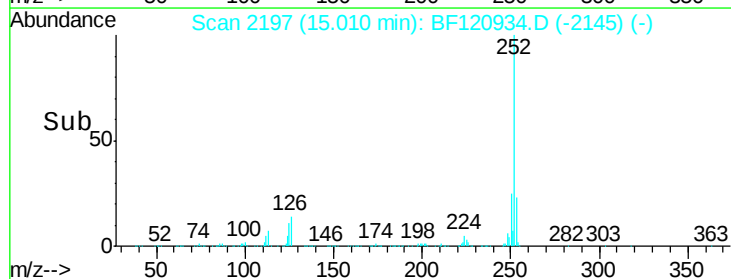
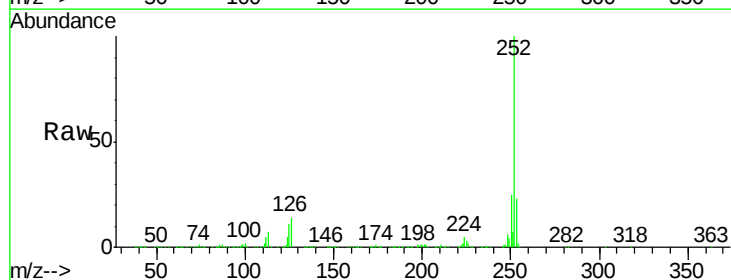
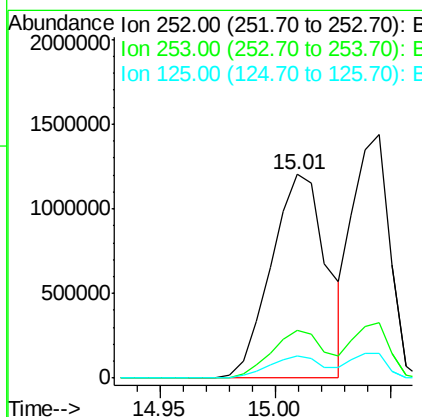
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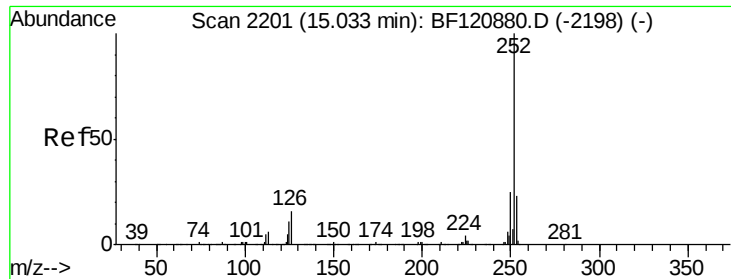
mohammad
 7/21/2020 11:32:39 AM



#88
 Benzo(b)fluoranthene
 Concen: 55.378 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	10.8	8.3	12.5





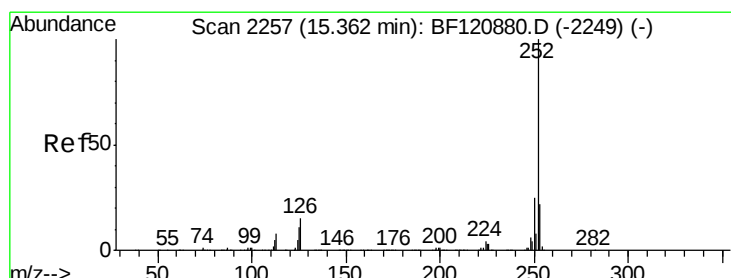
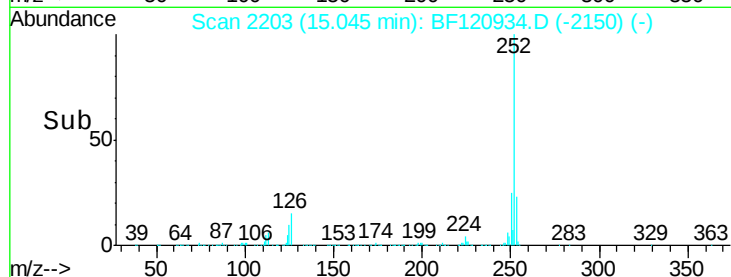
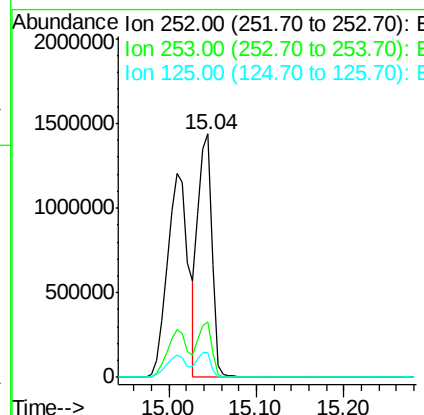
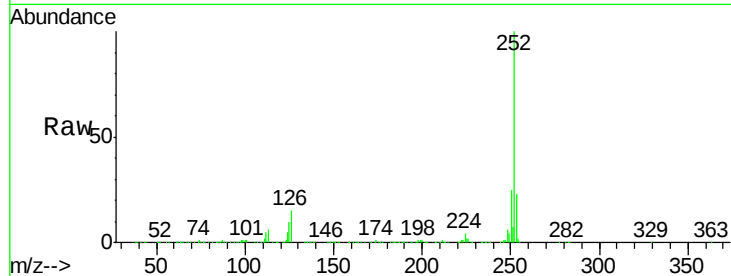
#89
Benzo(k)fluoranthene
Concen: 48.502 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.0	8.4	12.6

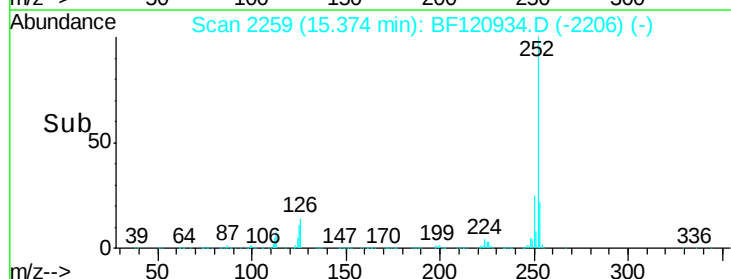
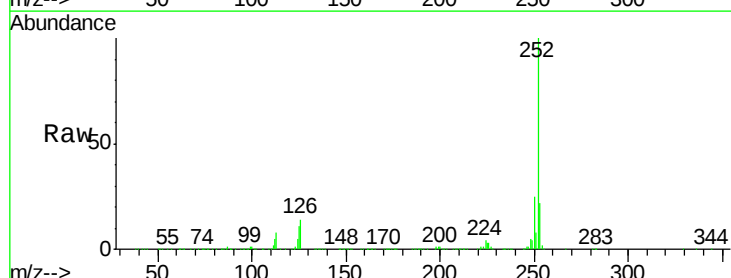
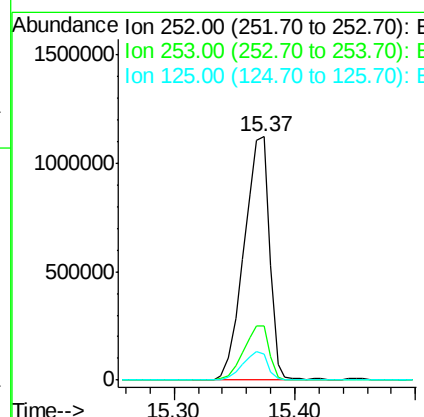
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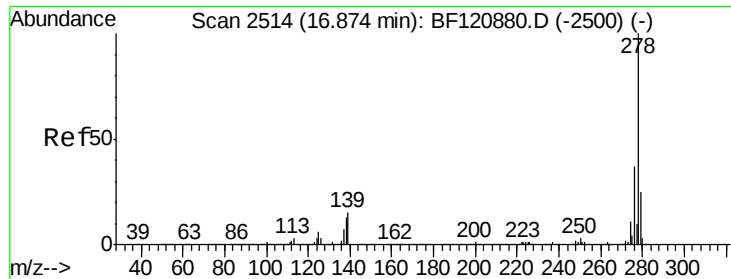
mohammad
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#90
Benzo(a)pyrene
Concen: 50.080 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.5	8.9	13.3





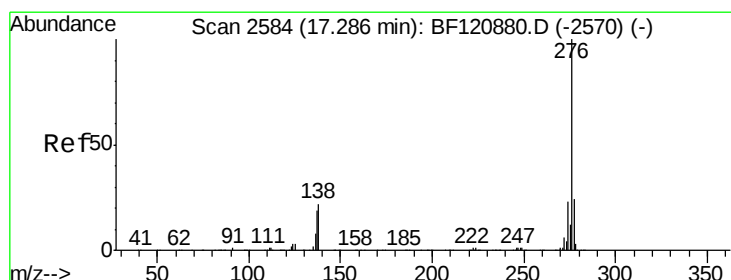
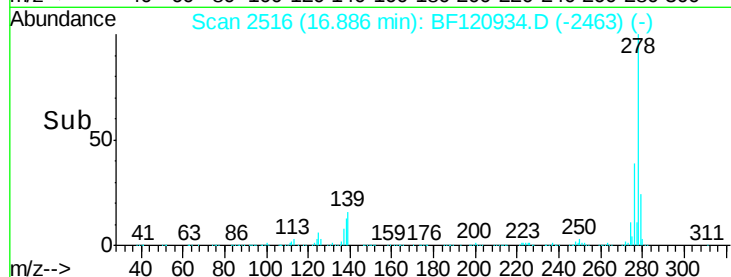
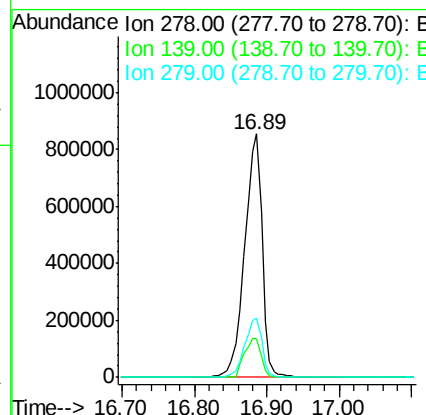
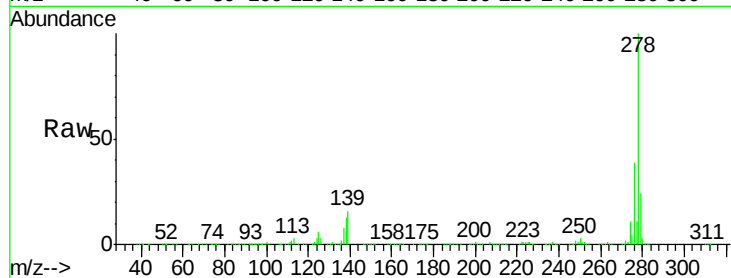
#91
Dibenzo(a,h)anthracene
Concen: 42.177 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion:278 Resp: 1438440
Ion Ratio Lower Upper
278 100
139 15.8 12.3 18.5
279 24.4 20.1 30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 40.917 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:276 Resp: 1375920
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 22.0 17.5 26.3

