

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120897.D
 Acq On : 16 Jul 2020 20:55
 Operator : JU/CG
 Sample : L3315-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Manual Integrations
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 7/17/2020 12:30:19 PM

Quant Time: Jul 17 02:26:31 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	168756	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	646393	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	349971	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	687597	20.00	ng	0.00
76) Chrysene-d12	13.97	240	548850	20.00	ng	0.00
86) Perylene-d12	15.42	264	565003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	983688	95.56	ng	0.00
7) Phenol-d6	6.45	99	1233291	92.75	ng	0.00
23) Nitrobenzene-d5	7.38	82	759681	68.00	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	380385	99.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1412696	60.27	ng	0.00
79) Terphenyl-d14	12.92	244	1557107	61.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	190445	40.198	ng	99
3) Pyridine	3.30	79	518198	41.117	ng	100
4) n-Nitrosodimethylamine	3.25	42	242095	44.922	ng	97
6) Aniline	6.47	93	565576	32.584	ng	99
8) 2-Chlorophenol	6.60	128	528291	46.585	ng	99
9) Benzaldehyde	6.36	77	142815	18.867	ng	98
10) Phenol	6.46	94	648336	44.324	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	487820	43.516	ng	99
12) 1,3-Dichlorobenzene	6.76	146	528376	42.969	ng	98
13) 1,4-Dichlorobenzene	6.83	146	529843	43.332	ng	99
14) 1,2-Dichlorobenzene	6.99	146	513259	44.370	ng	99
15) Benzyl Alcohol	6.96	79	409125	43.507	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	690161	42.713	ng	99
17) 2-Methylphenol	7.07	107	418246	41.612	ng	100
18) Hexachloroethane	7.33	117	195610	44.199	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	322106	42.599	ng	99
20) 3+4-Methylphenols	7.22	107	472482	36.953	ng	95
22) Acetophenone	7.23	105	617020	42.533	ng	99
24) Nitrobenzene	7.40	77	520439	43.225	ng	98
25) Isophorone	7.64	82	967654	43.402	ng	99
26) 2-Nitrophenol	7.72	139	276040	48.273	ng	97
27) 2,4-Dimethylphenol	7.75	122	444899	47.920	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	616262	45.282	ng	100
29) 2,4-Dichlorophenol	7.96	162	431048	45.435	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	456815	43.400	ng	99
31) Naphthalene	8.12	128	1409457	42.509	ng	99
32) Benzoic acid	7.88	122	341816	49.045	ng	96
33) 4-Chloroaniline	8.17	127	328195	22.189	ng	98
34) Hexachlorobutadiene	8.24	225	257771	41.543	ng	98
35) Caprolactam	8.54	113	144527m	47.505	ng	
36) 4-Chloro-3-methylphenol	8.65	107	461280	47.408	ng	99
37) 2-Methylnaphthalene	8.81	142	966770	44.906	ng	99
38) 1-Methylnaphthalene	8.91	142	920114	45.126	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	409256	40.136	ng	99

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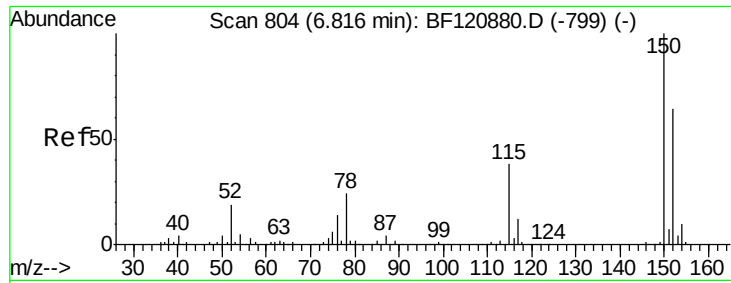
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	464133	82.359	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	322744	44.954	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	350360	43.022	nq	97
46) 1,1'-Biphenyl	9.27	154	1150084	43.081	nq	99
47) 2-Chloronaphthalene	9.30	162	889563	40.871	nq	97
48) 2-Nitroaniline	9.40	65	295480	44.922	nq	92
49) Acenaphthylene	9.72	152	1462052	43.240	nq	100
50) Dimethylphthalate	9.58	163	1318493	52.221	nq	98
51) 2,6-Dinitrotoluene	9.64	165	255004	47.011	nq	91
52) Acenaphthene	9.89	154	998636m	46.454	nq	
53) 3-Nitroaniline	9.80	138	177760	26.129	nq	99
54) 2,4-Dinitrophenol	9.91	184	246566	79.058	nq	91
55) Dibenzofuran	10.06	168	1330081	42.786	nq	98
56) 4-Nitrophenol	9.97	139	472497	91.431	nq	99
57) 2,4-Dinitrotoluene	10.04	165	348298	48.896	nq	91
58) Fluorene	10.40	166	931608	40.181	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	299418	48.289	nq	97
60) Diethylphthalate	10.28	149	1136588	44.506	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	453498	36.671	nq	99
62) 4-Nitroaniline	10.42	138	273931	41.336	nq	99
63) Azobenzene	10.56	77	1061025	43.641	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	174739	44.237	nq	88
66) n-Nitrosodiphenylamine	10.52	169	955635	44.180	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	327830	42.763	nq	# 91
68) Hexachlorobenzene	10.95	284	366330	44.175	nq	# 88
69) Atrazine	11.04	200	280871	52.431	nq	98
70) Pentachlorophenol	11.14	266	419357	88.271	nq	99
71) Phenanthrene	11.36	178	1505279	42.566	nq	99
72) Anthracene	11.42	178	1545680	43.528	nq	99
73) Carbazole	11.57	167	1489928	42.279	nq	99
74) Di-n-butylphthalate	11.90	149	1797028	44.189	nq	100
75) Fluoranthene	12.55	202	1704816	43.493	nq	99
77) Benzidine	12.67	184	845956	58.624	nq	100
78) Pyrene	12.78	202	1738022	44.790	nq	99
80) Butylbenzylphthalate	13.40	149	813134	47.007	nq	99
81) Benzo(a)anthracene	13.97	228	1375310	41.381	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	381112	30.394	nq	99
83) Chrysene	14.00	228	1526909	43.717	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	909337	42.630	nq	100
85) Di-n-octyl phthalate	14.57	149	1914585	45.115	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1575646	40.099	nq	100
88) Benzo(b)fluoranthene	15.00	252	1574193	46.093	nq	100
89) Benzo(k)fluoranthene	15.03	252	1518498	48.753	nq	100
90) Benzo(a)pyrene	15.36	252	1412084	45.318	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1322637	41.207	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1238603	39.137	nq	98

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



#1

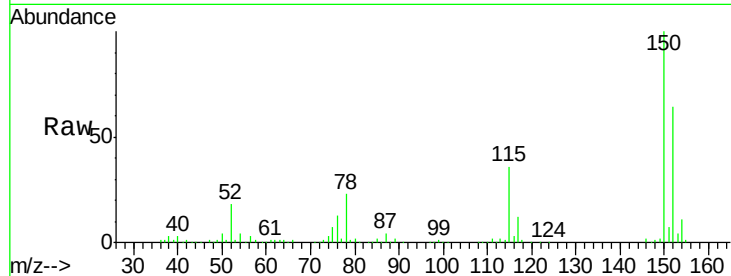
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

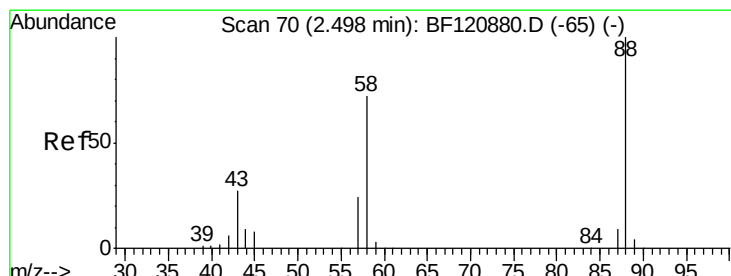
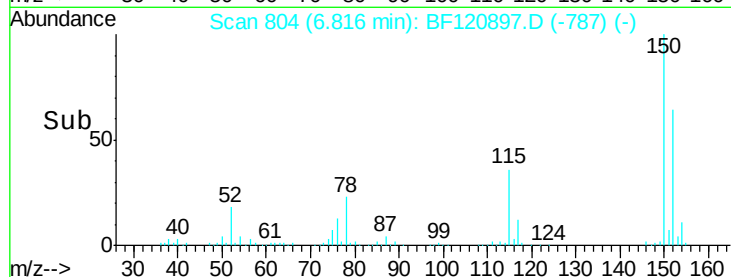
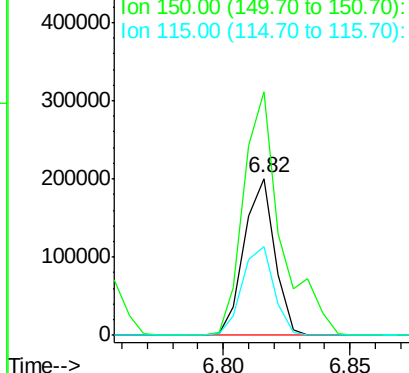
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.0	187.6
115	56.2	47.0	70.4

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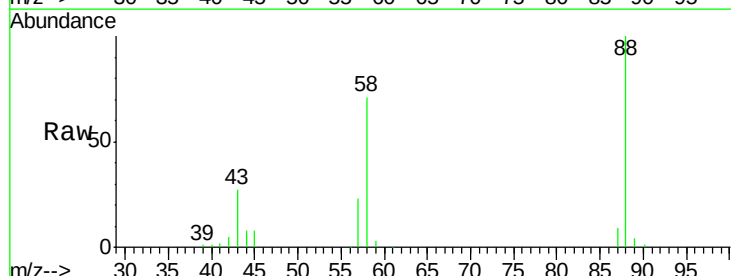
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



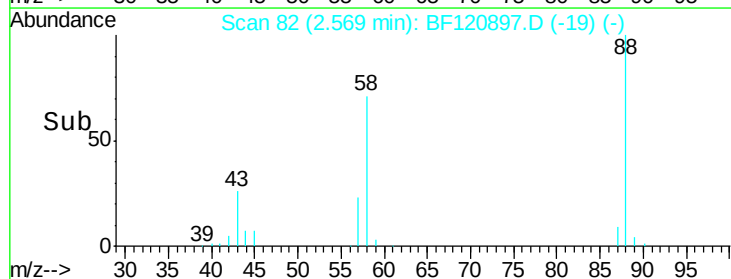
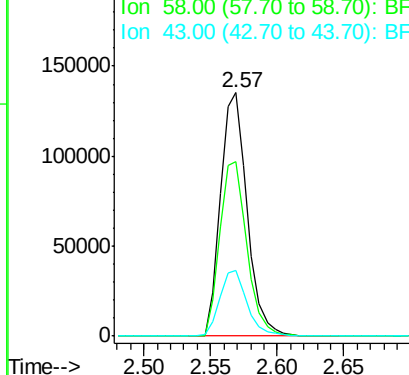
#2

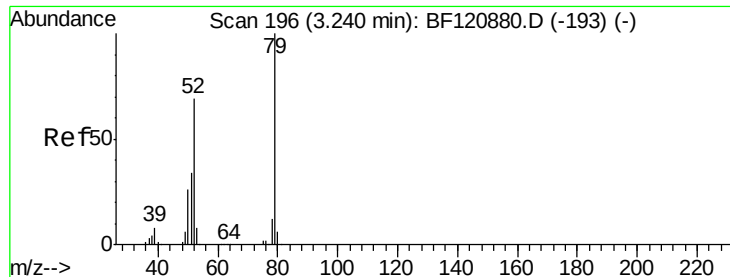
1,4-Dioxane
Concen: 40.198 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	58.2	87.2
43	28.5	22.1	33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.117 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.06 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

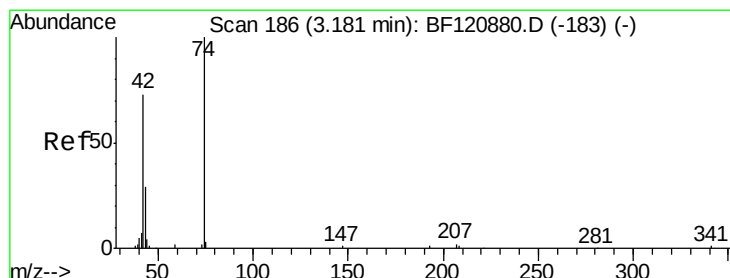
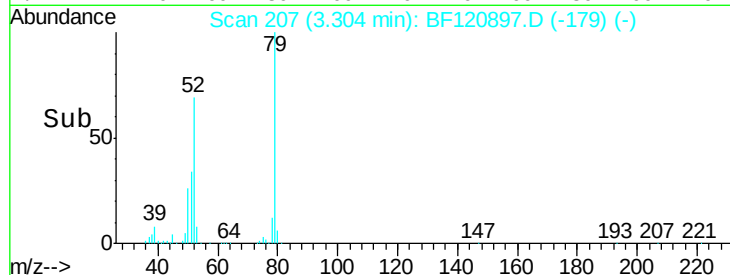
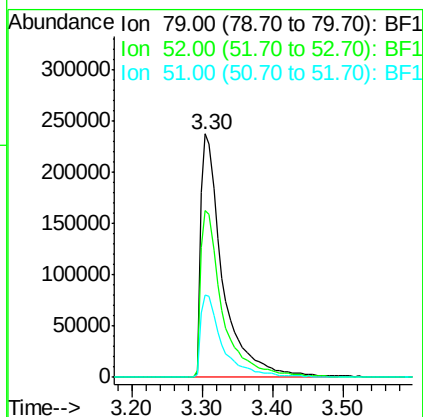
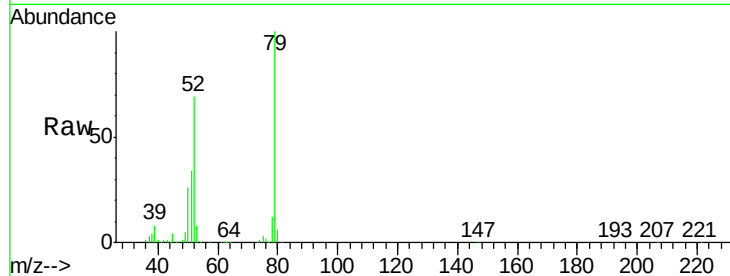
ClientSampleId :

TP-16-DMS

Tot Ion:	79	Resp:	518198
Ion	Ratio	Lower	Upper
79	100		
52	68.6	55.0	82.6
51	33.8	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 44.922 ng

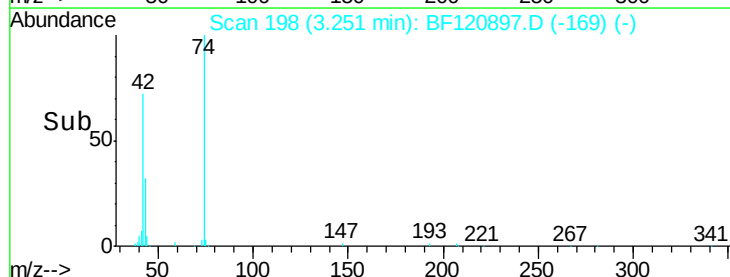
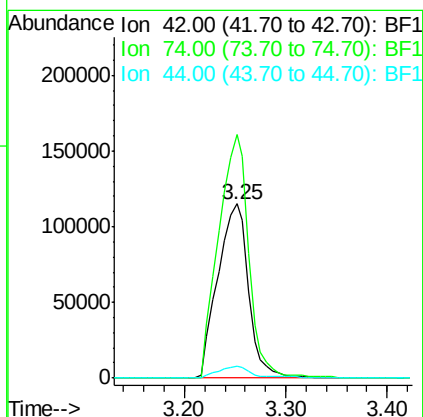
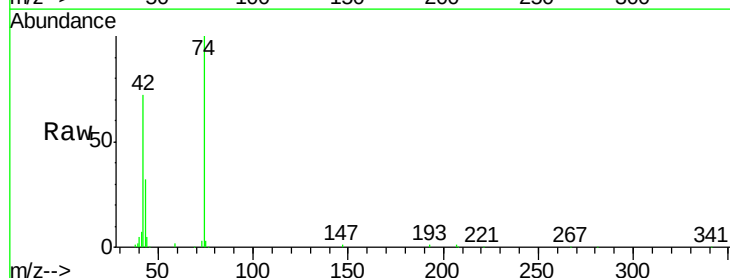
RT: 3.25 min Scan# 198

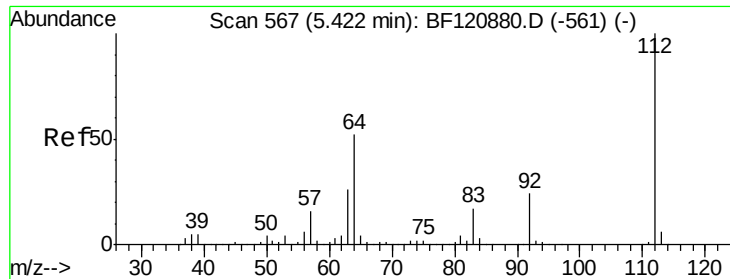
Delta R.T. 0.07 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	42	Resp:	242095
Ion	Ratio	Lower	Upper
42	100		
74	139.7	108.7	163.1
44	6.9	5.2	7.8





#5

2-Fluorophenol

Concen: 95.559 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

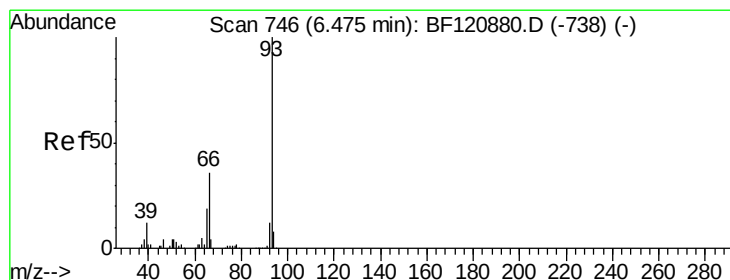
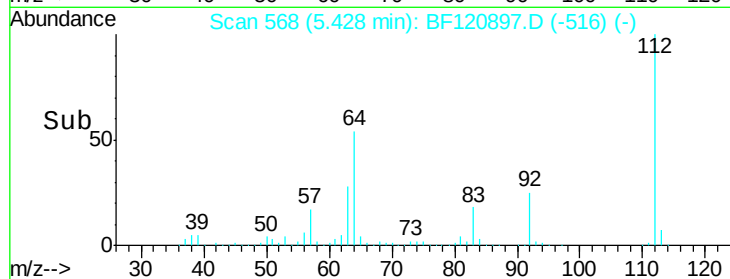
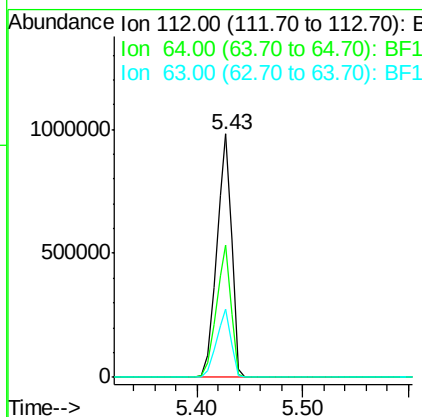
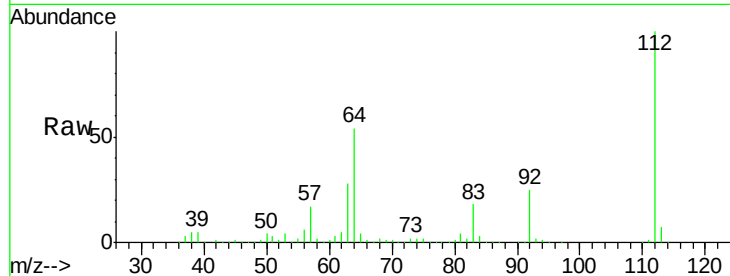
ClientSampleId :

TP-16-DMS

Tot Ion:	112	Resp:	983688
Ion Ratio	Lower	Upper	
112	100		
64	54.2	41.3	61.9
63	27.8	21.1	31.7

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#6

Aniline

Concen: 32.584 ng

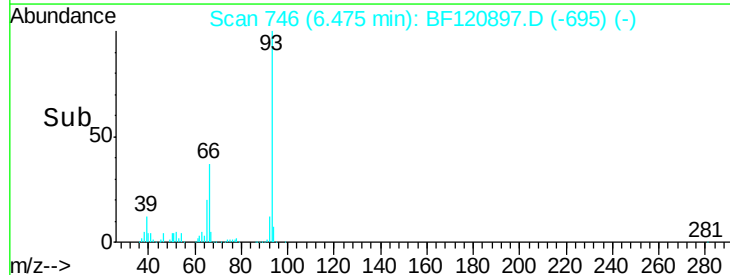
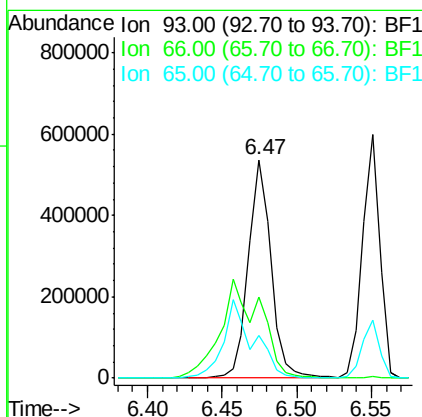
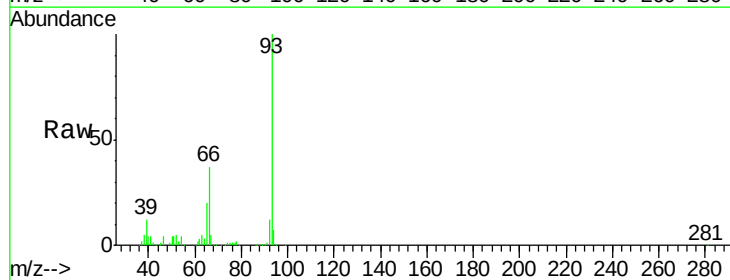
RT: 6.47 min Scan# 746

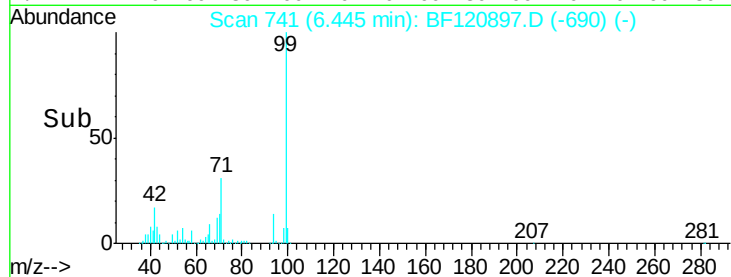
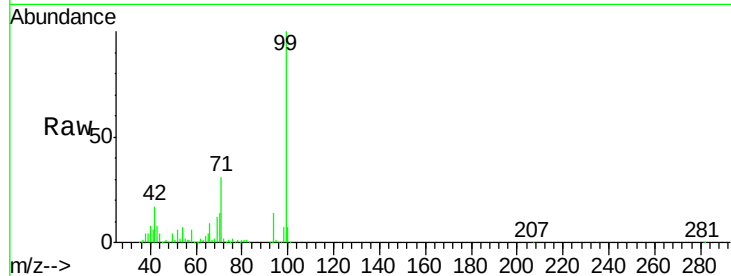
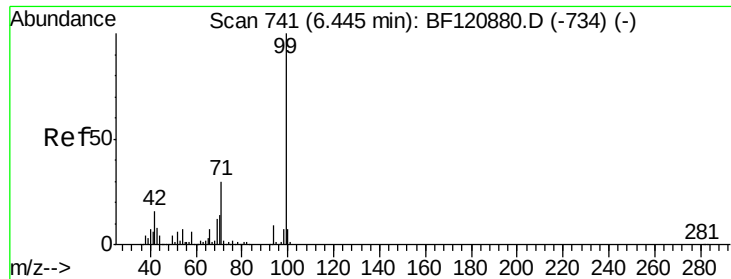
Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	93	Resp:	565576
Ion Ratio	Lower	Upper	
93	100		
66	37.0	30.2	45.4
65	19.5	15.8	23.6





#7

Phenol-d6

Concen: 92.748 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tot Ion:	99	Resp:	1233291
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	30.6	24.2	36.4

Instrument :

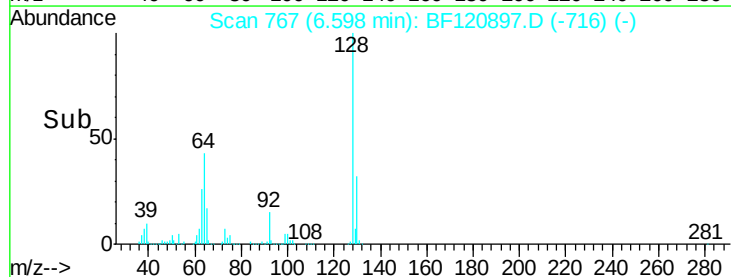
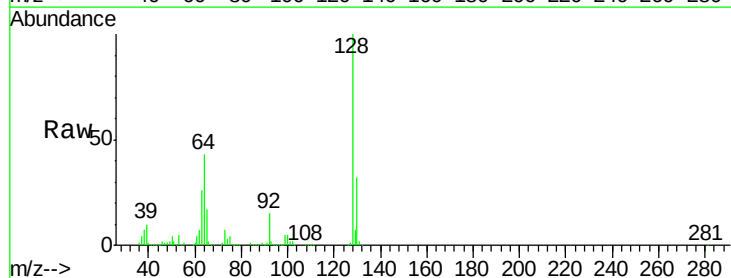
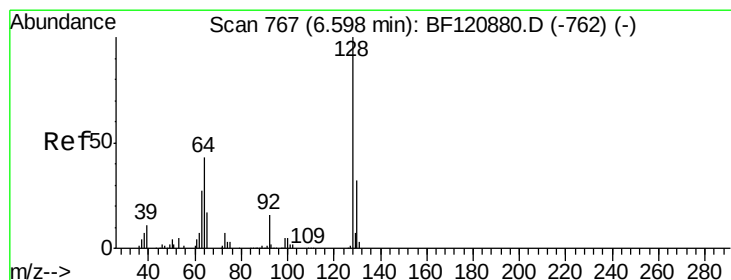
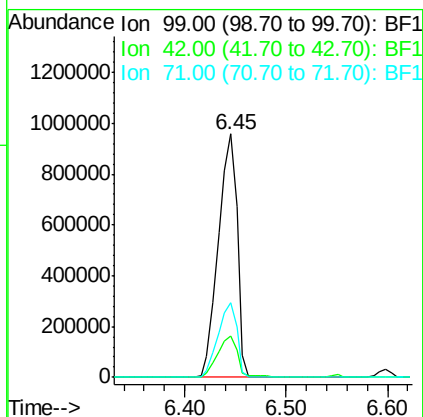
BNA_F

ClientSampleId :

TP-16-DMS

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#8

2-Chlorophenol

Concen: 46.585 ng

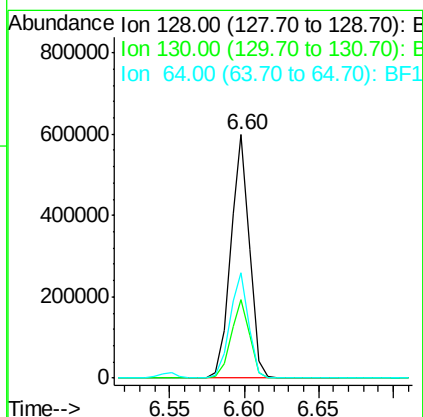
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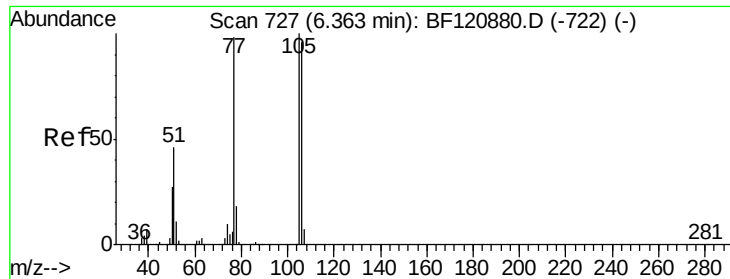
Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	128	Resp:	528291
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	43.2	24.0	64.0





#9

Benzaldehyde

Concen: 18.867 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

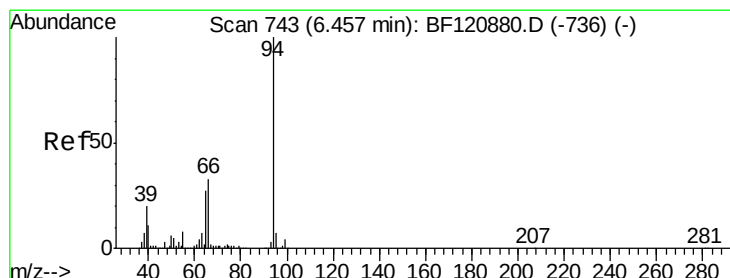
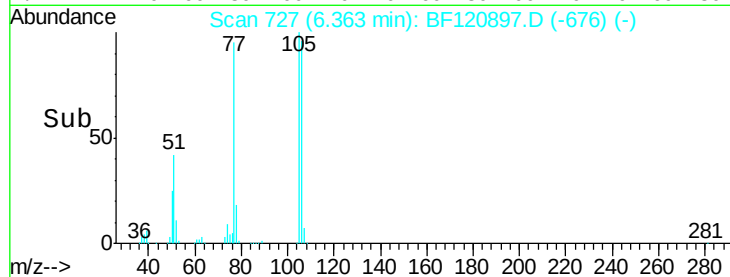
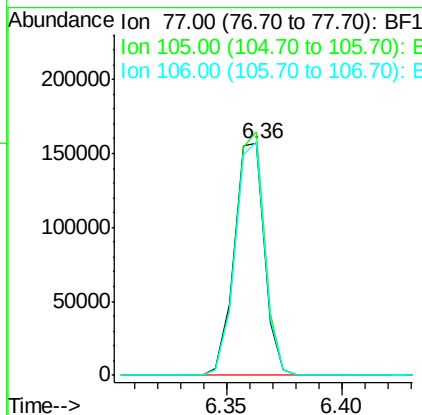
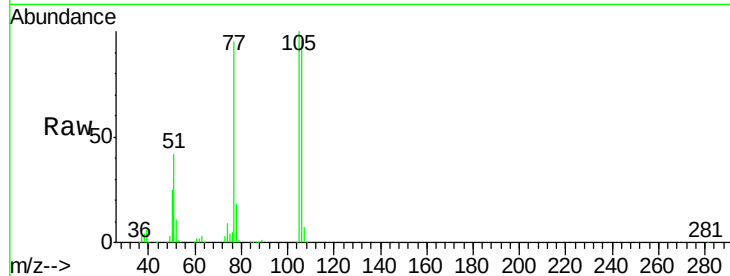
ClientSampled :

TP-16-DMS

Tot Ion:	77	Resp:	142815
Ion Ratio	Lower	Upper	
77	100		
105	105.2	82.5	122.5
106	100.9	78.7	118.7

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#10

Phenol

Concen: 44.324 ng

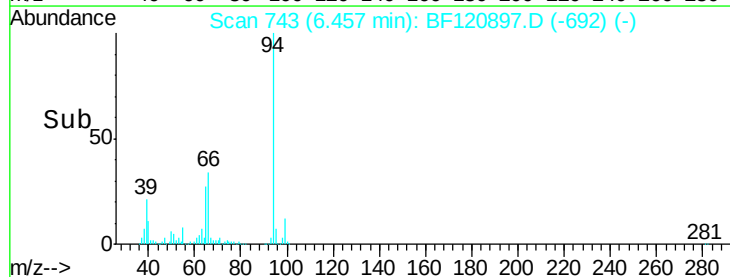
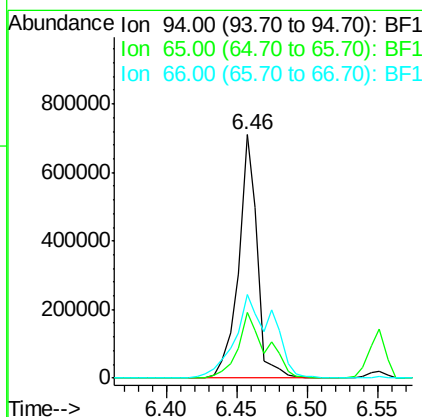
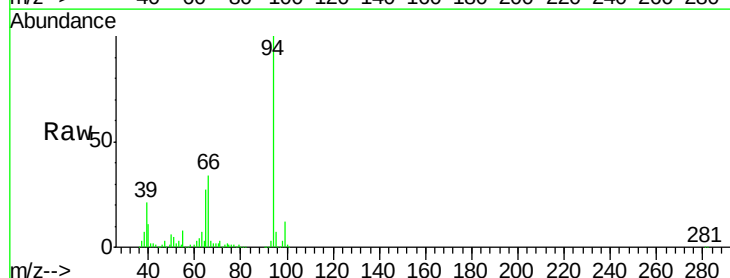
RT: 6.46 min Scan# 743

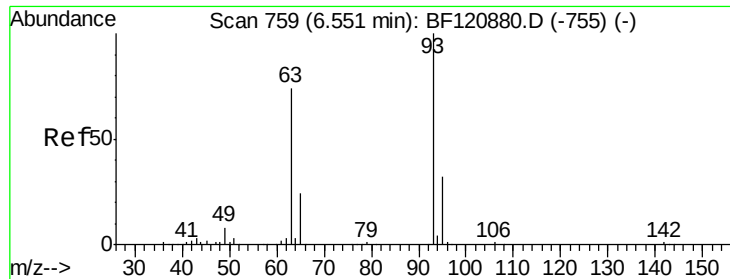
Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	94	Resp:	648336
Ion Ratio	Lower	Upper	
94	100		
65	27.1	6.6	46.6
66	34.4	13.2	53.2





#11

bis(2-Chloroethyl)ether

Concen: 43.516 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

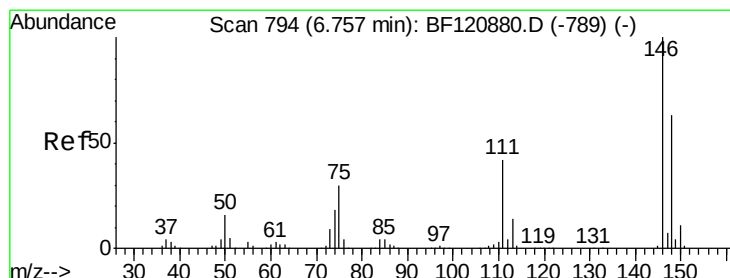
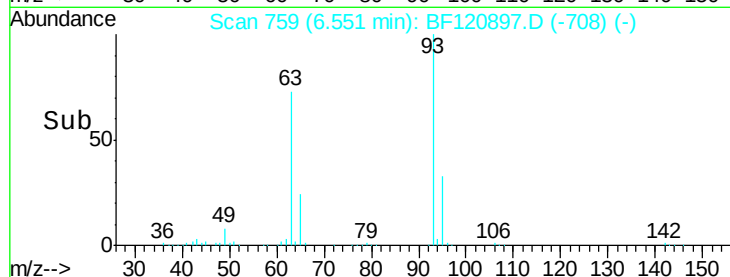
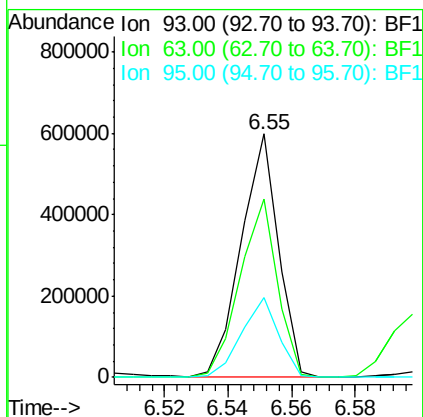
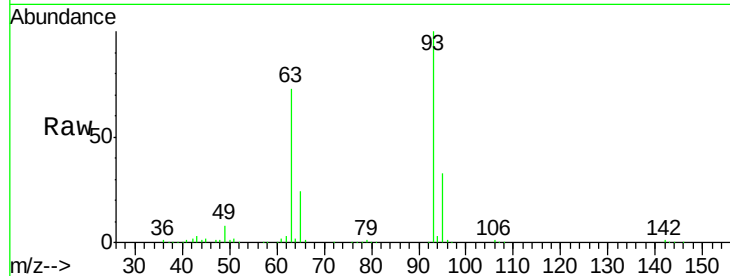
ClientSampleId :

TP-16-DMS

Tot Ion:	93	Resp:	487820
Ion Ratio	Lower	Upper	
93	100		
63	73.5	54.2	94.2
95	32.6	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 42.969 ng

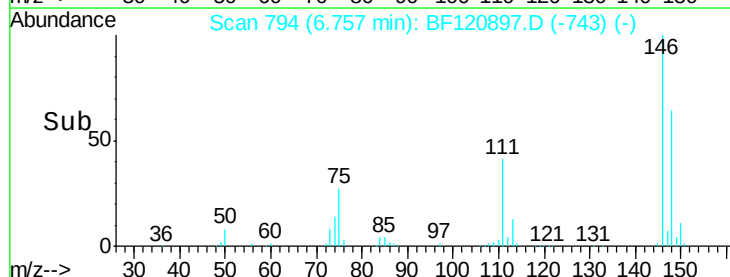
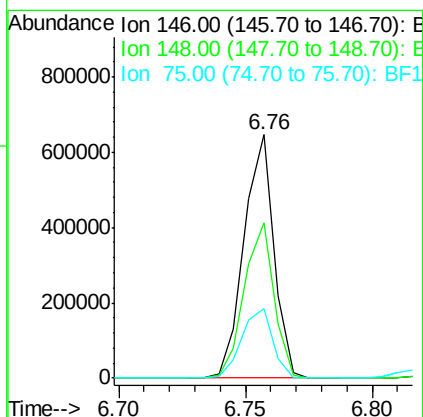
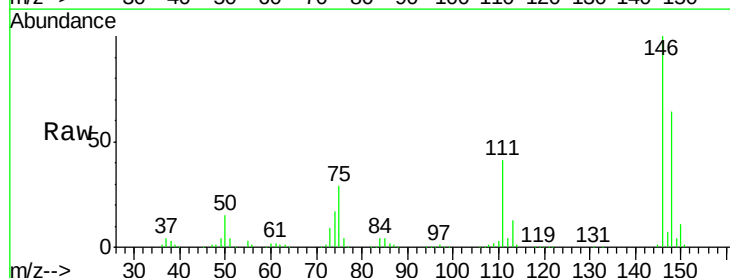
RT: 6.76 min Scan# 794

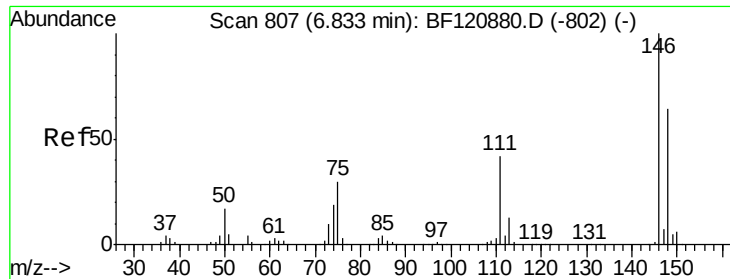
Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	146	Resp:	528376
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
75	28.5	24.1	36.1





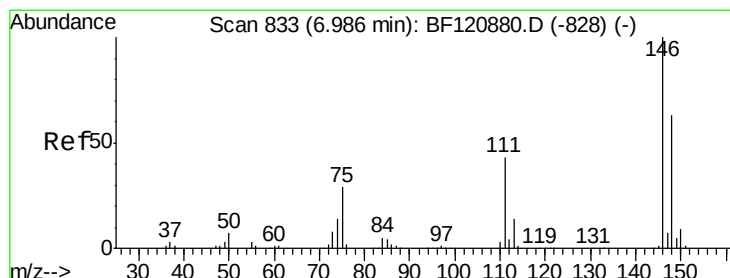
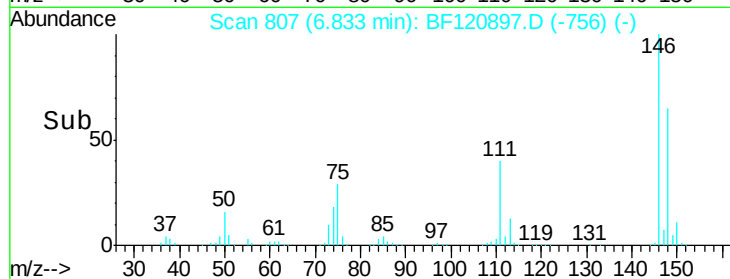
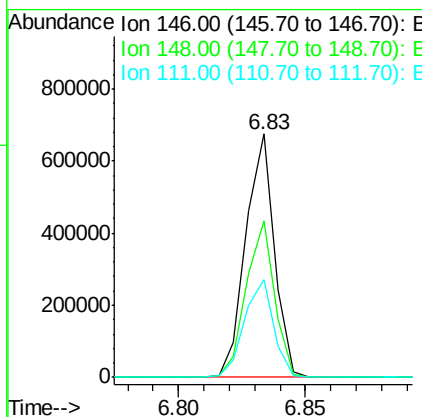
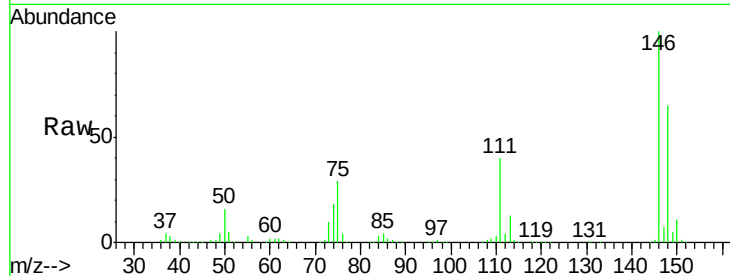
#13
 1,4-Dichlorobenzene
 Concen: 43.332 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	40.0	33.5	50.3

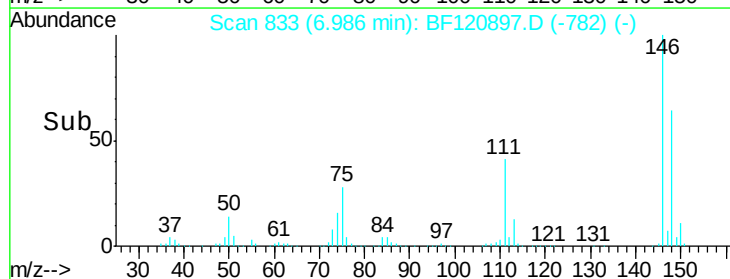
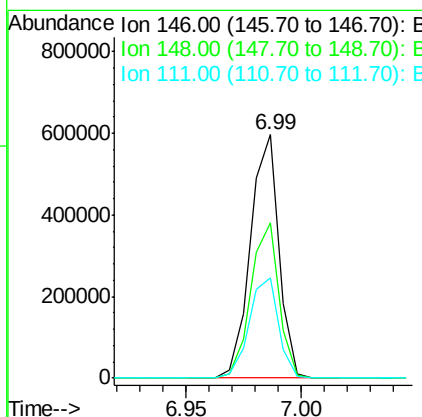
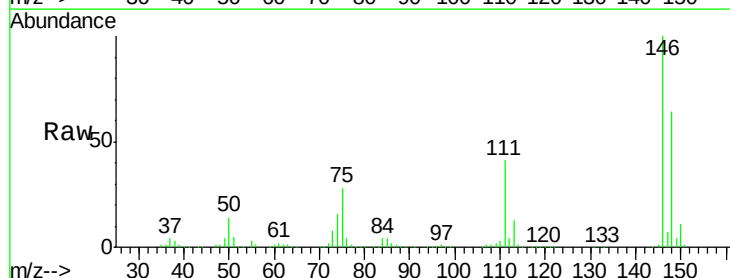
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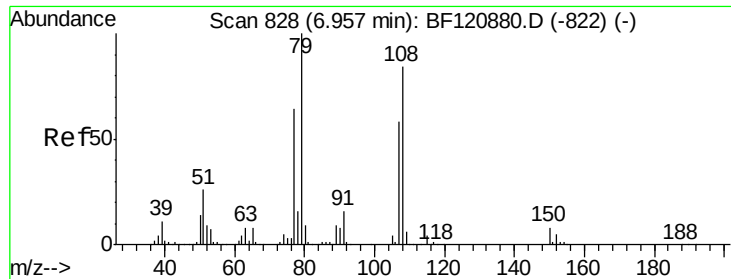
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.370 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	41.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 43.507 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

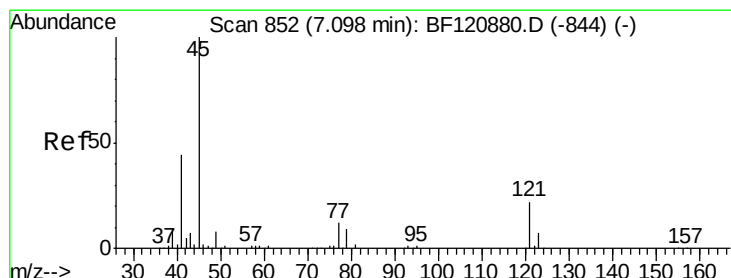
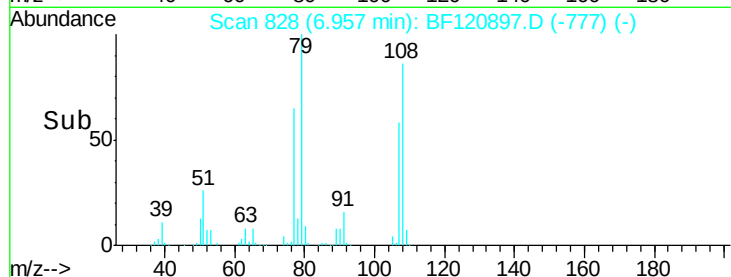
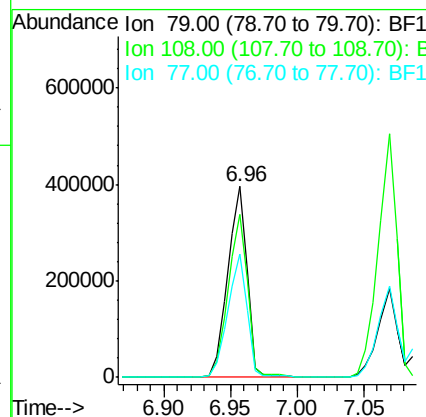
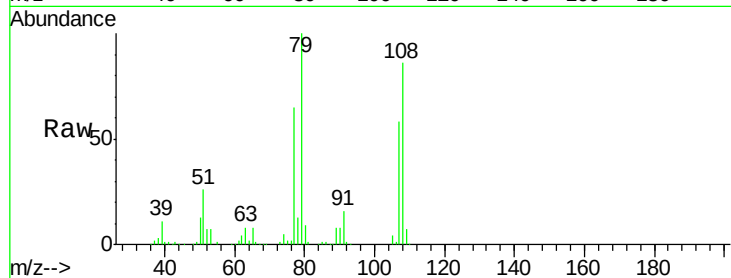
ClientSampleId :

TP-16-DMS

Tot Ion:	79	Resp:	409125
Ion Ratio	Lower	Upper	
79	100		
108	85.6	67.0	100.6
77	64.8	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.713 ng

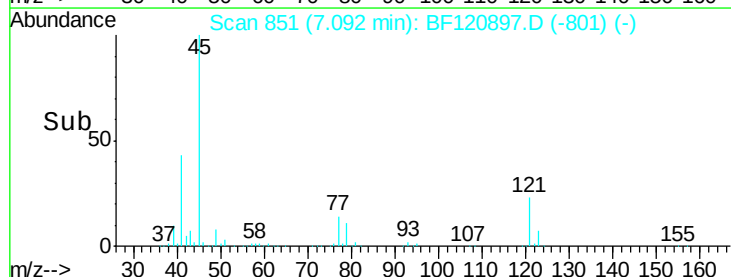
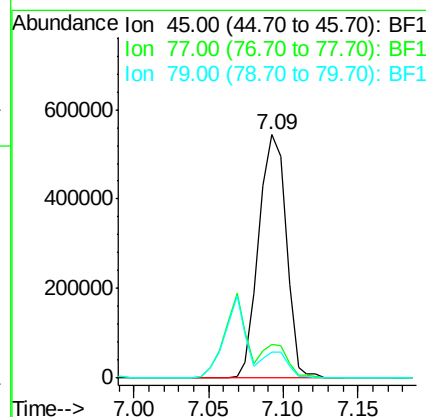
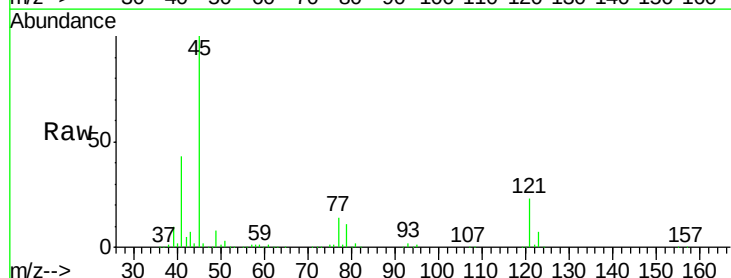
RT: 7.09 min Scan# 851

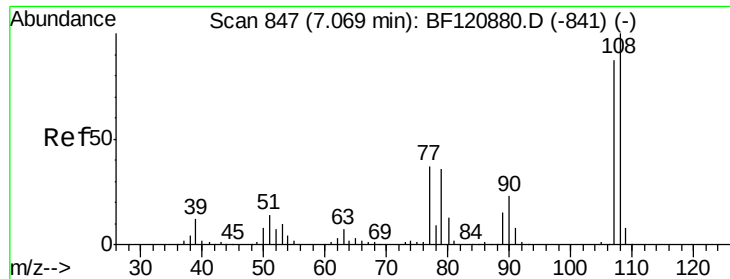
Delta R.T. -0.01 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	45	Resp:	690161
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	34.3
79	10.9	0.0	31.0





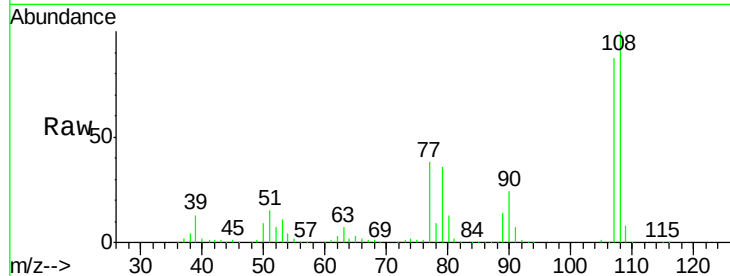
#17
2-Methylphenol
Concen: 41.612 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

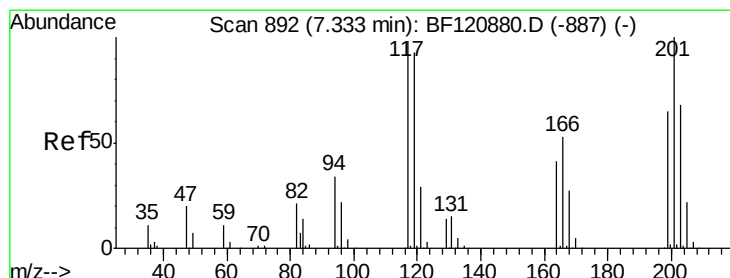
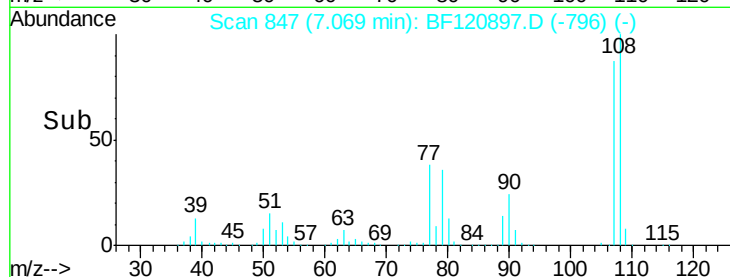
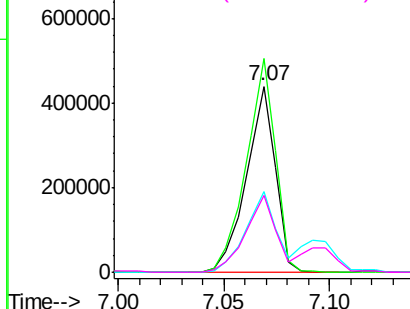
Tot Ion:	107	Resp:	418246
Ion Ratio	Lower	Upper	
107	100		
108	115.0	92.0	138.0
77	43.1	34.0	51.0
79	41.7	33.3	49.9

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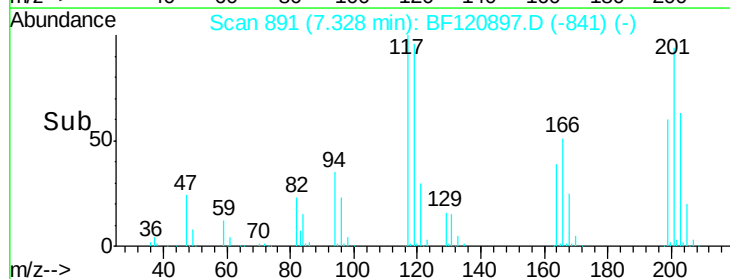
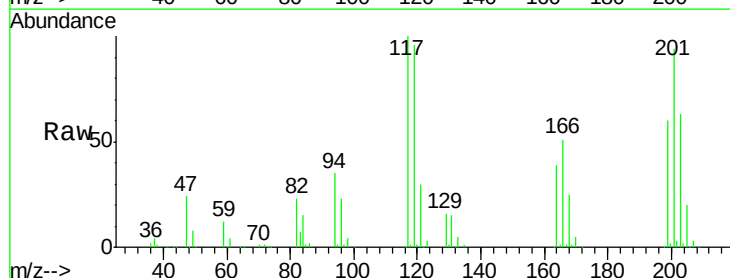
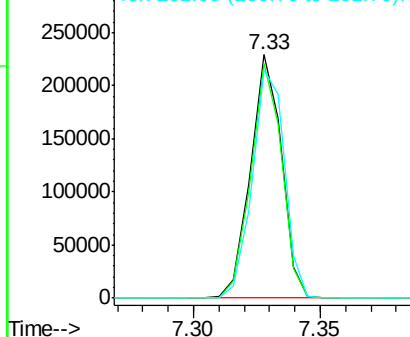
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

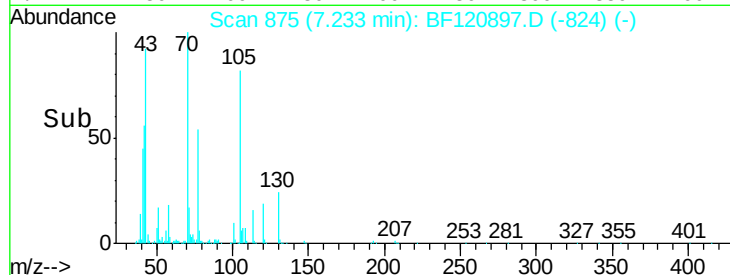
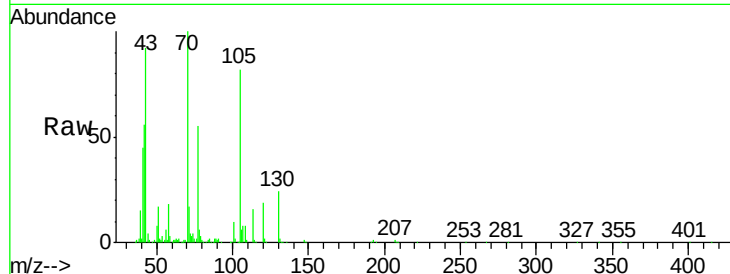
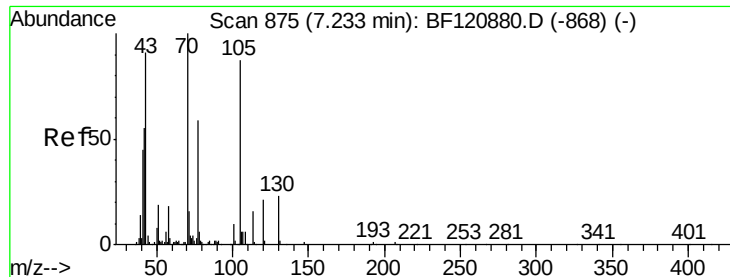


#18
Hexachloroethane
Concen: 44.199 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion:	117	Resp:	195610
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.0	114.0
201	93.6	81.7	122.5

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





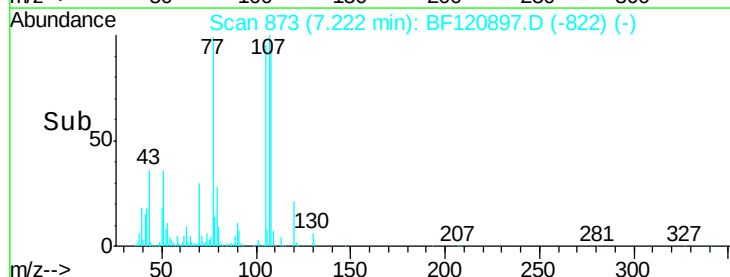
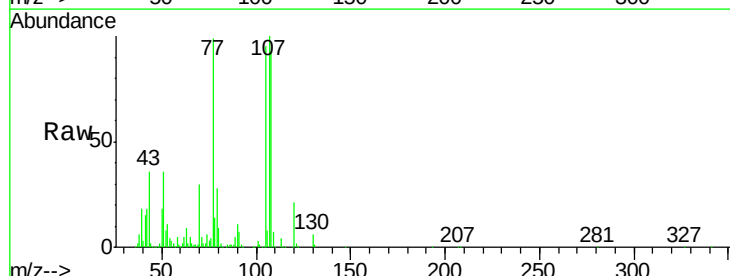
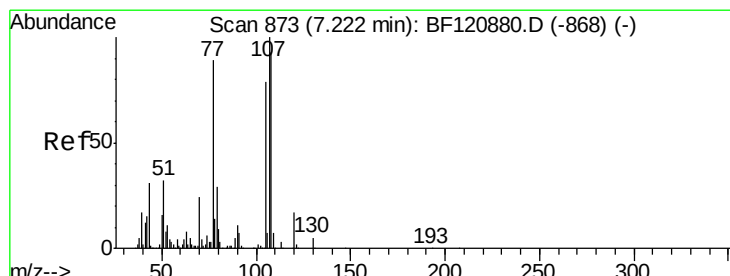
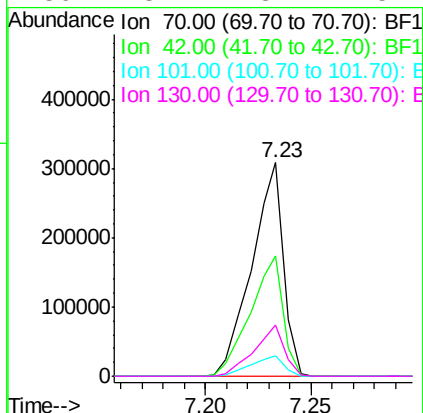
#19
n-Nitroso-di-n-propylamine
Concen: 42.599 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.1	44.0	66.0		
101	9.9	7.8	11.6		
130	23.7	18.7	28.1		

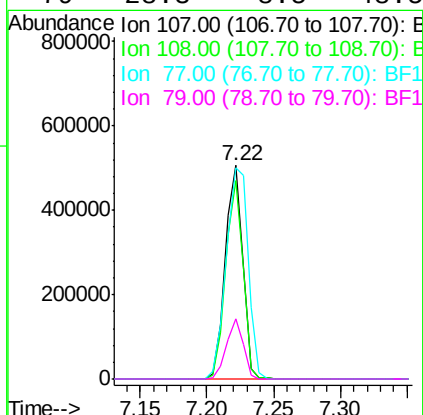
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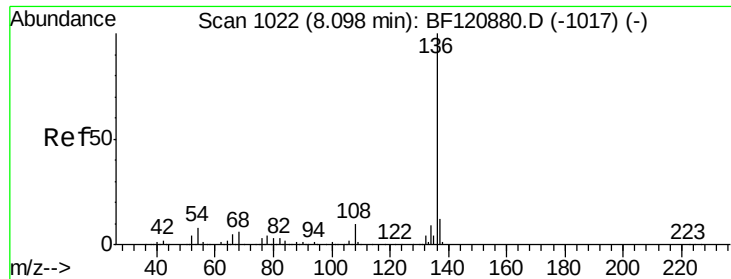
mohammad
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#20
3+4-Methylphenols
Concen: 36.953 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9	72.8	112.8		
77	99.0	68.7	108.7		
79	28.3	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: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

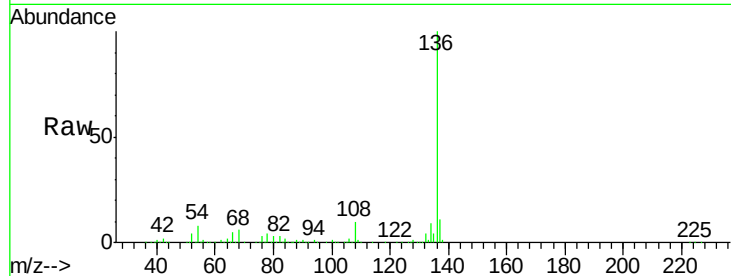
ClientSampleId :

TP-16-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		646393		
137	11.1		9.3	13.9	
54	7.8		6.3	9.5	
68	6.2		5.0	7.4	

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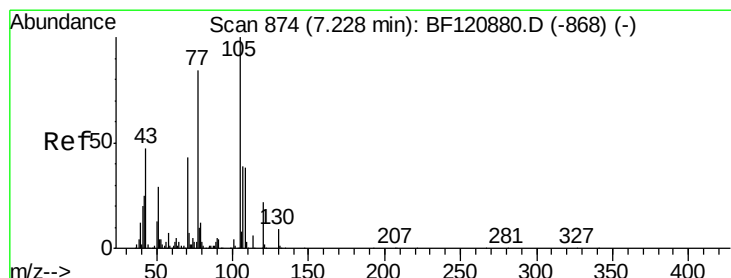
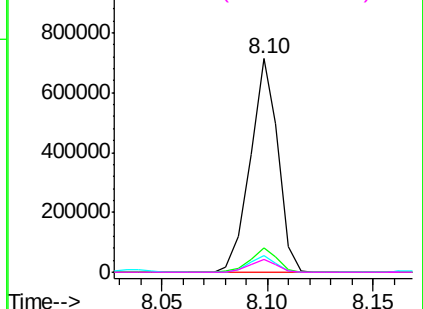
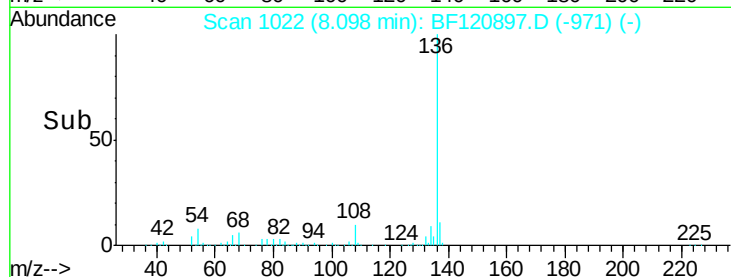
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.533 ng

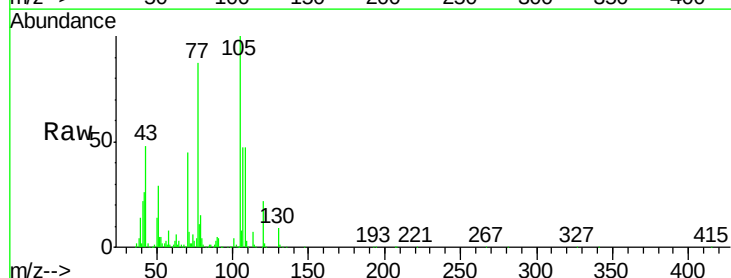
RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		617020		
71	7.5		5.7	8.5	
51	29.3		22.9	34.3	
120	22.5		18.0	27.0	



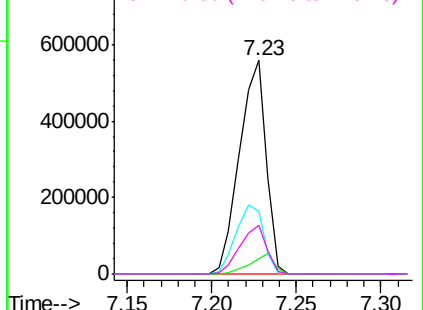
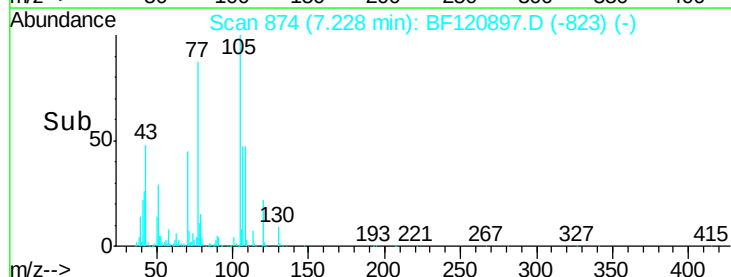
Abundance

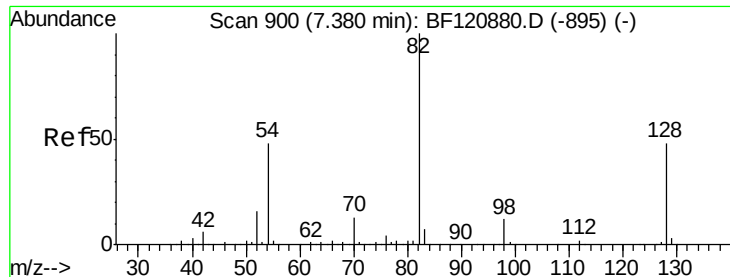
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





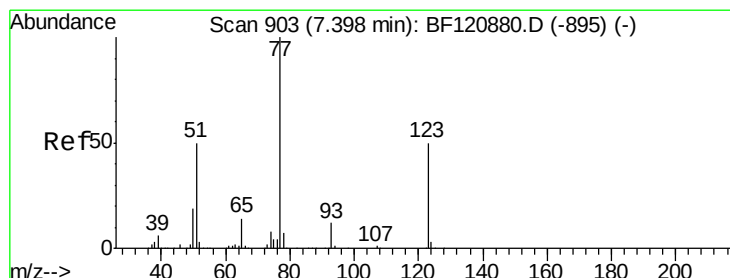
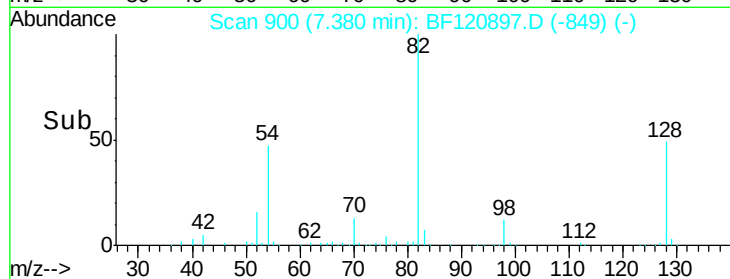
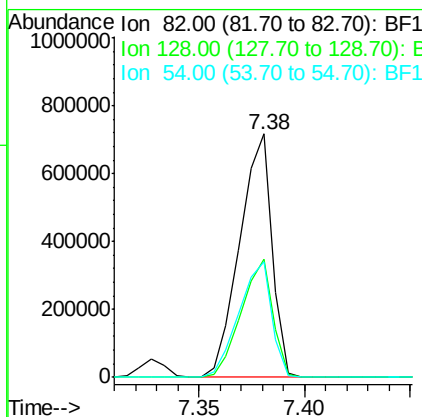
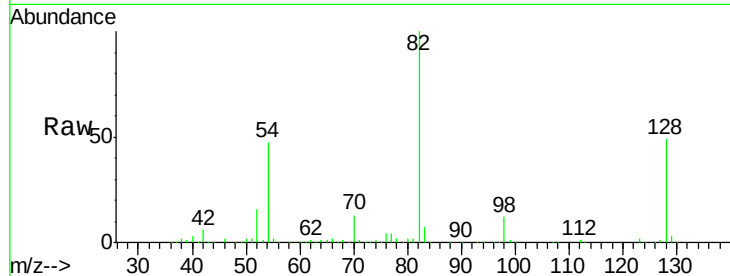
#23
Nitrobenzene-d5
Concen: 68.004 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion:	82	Resp:	759681
Ion Ratio	Lower	Upper	
82	100		
128	48.6	38.2	57.4
54	47.4	38.7	58.1

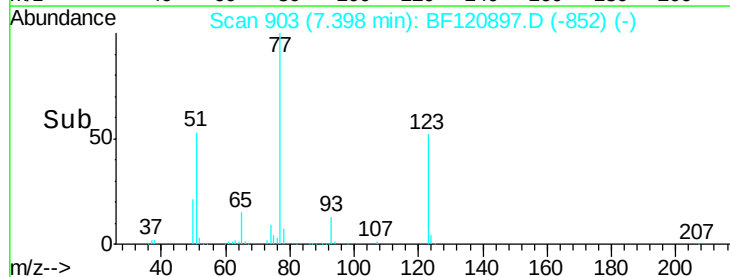
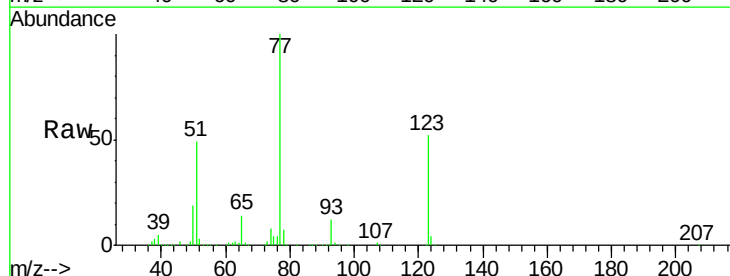
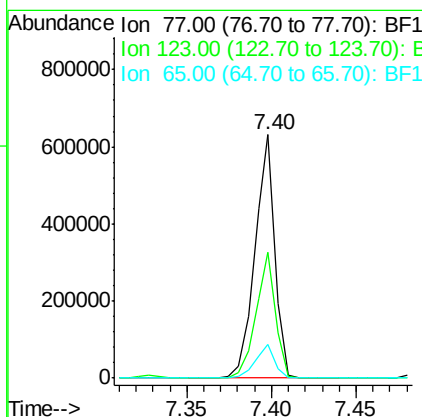
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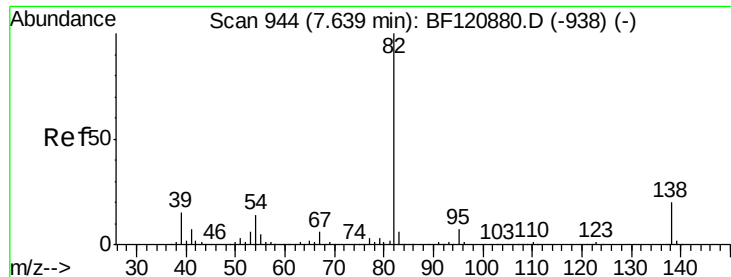
mohammad
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#24
Nitrobenzene
Concen: 43.225 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion:	77	Resp:	520439
Ion Ratio	Lower	Upper	
77	100		
123	51.5	40.1	60.1
65	13.7	10.8	16.2





#25

Isophorone

Concen: 43.402 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

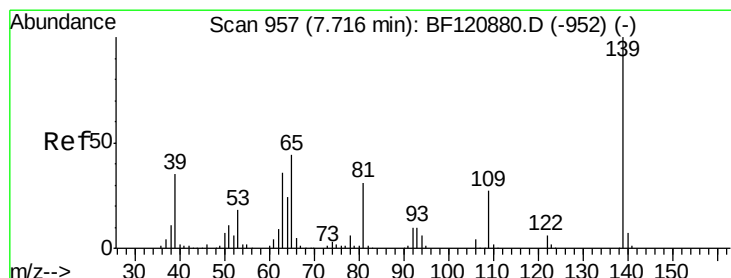
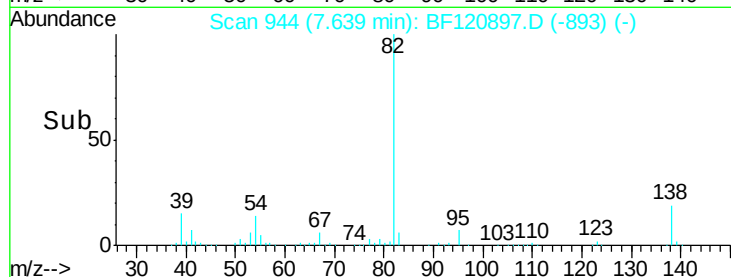
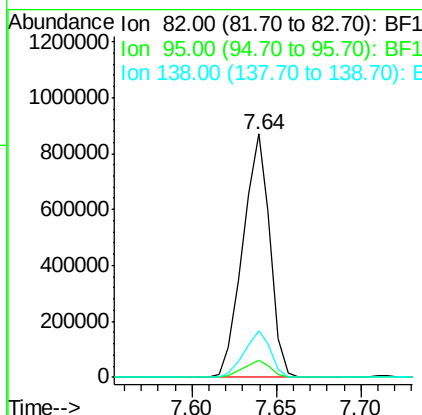
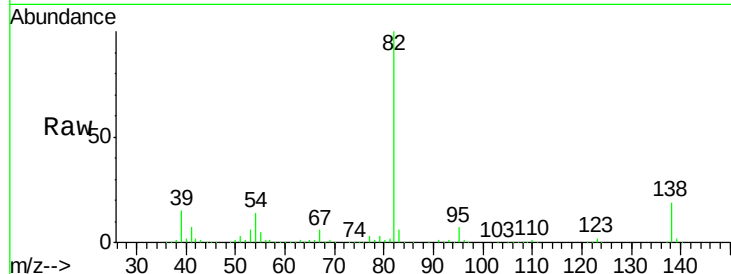
ClientSampled :

TP-16-DMS

Tot Ion:	82	Resp:	967654
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	18.9	15.6	23.4

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#26

2-Nitrophenol

Concen: 48.273 ng

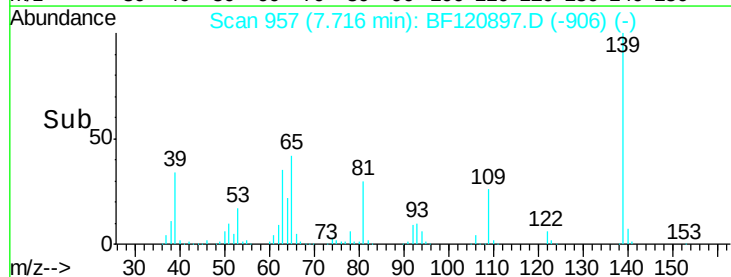
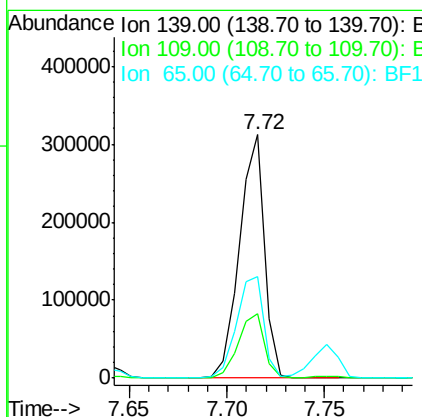
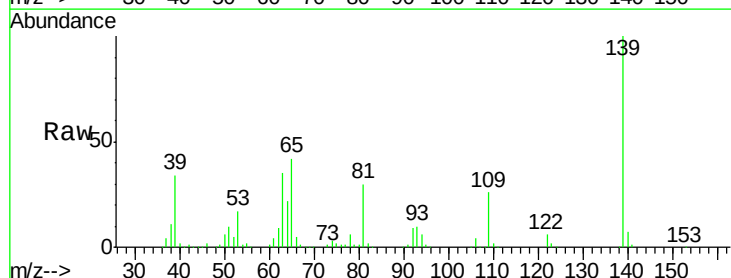
RT: 7.72 min Scan# 957

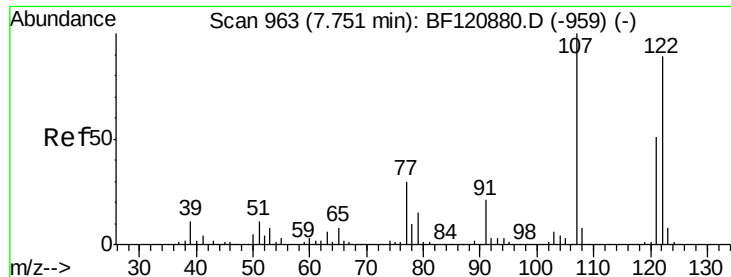
Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	139	Resp:	276040
Ion Ratio	Lower	Upper	
139	100		
109	26.5	21.6	32.4
65	41.6	35.3	52.9





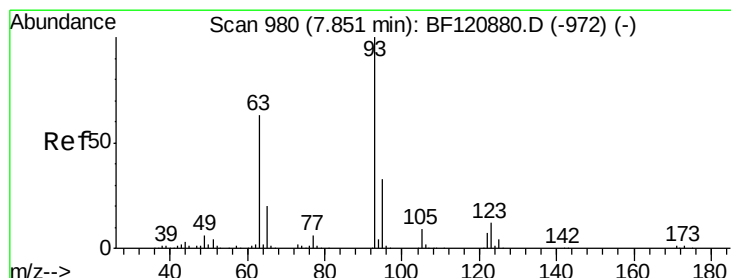
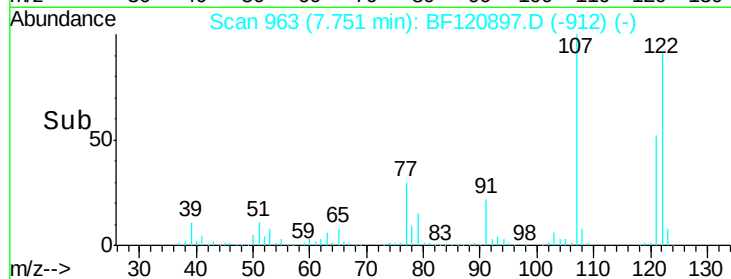
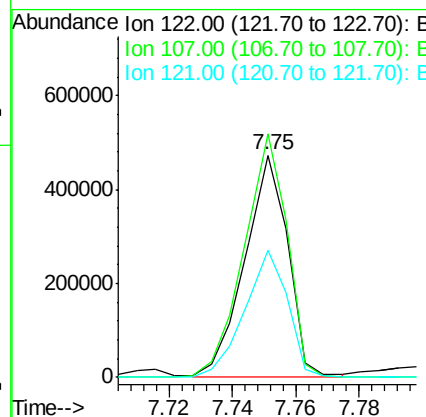
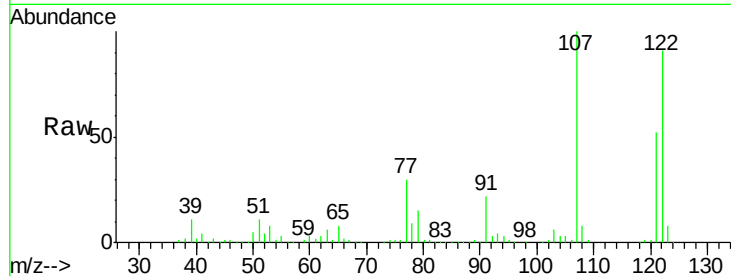
#27
 2,4-Dimethylphenol
 Concen: 47.920 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	89.4	134.0
121	57.4	46.0	69.0

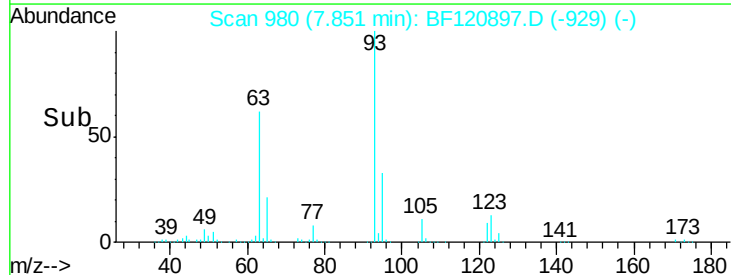
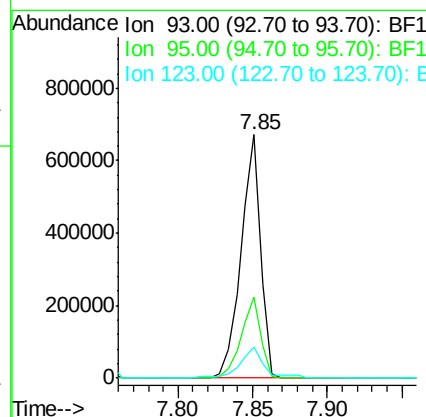
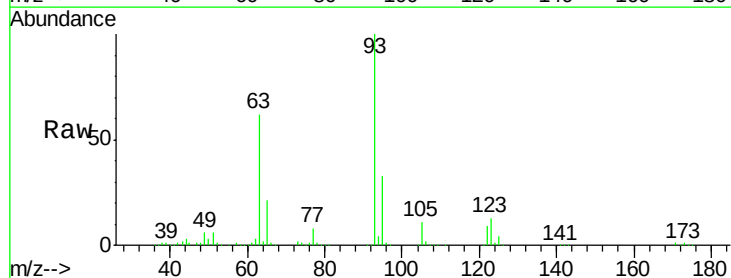
Manual Integrations
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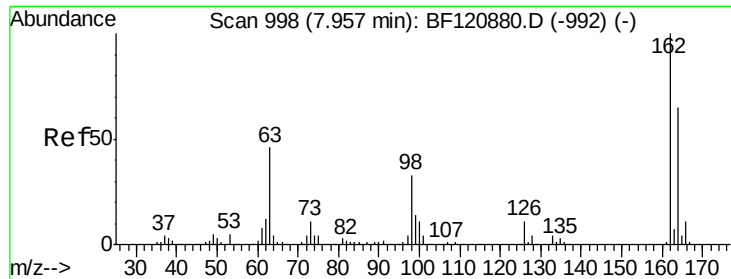
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.282 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	12.6	10.0	15.0





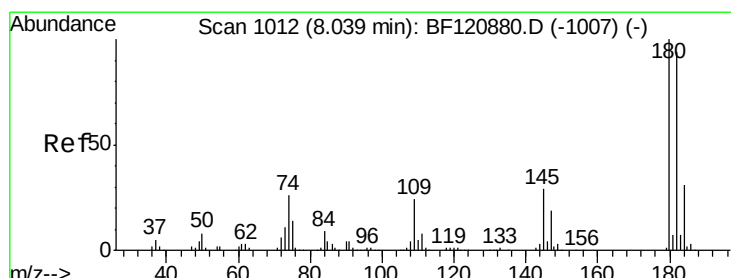
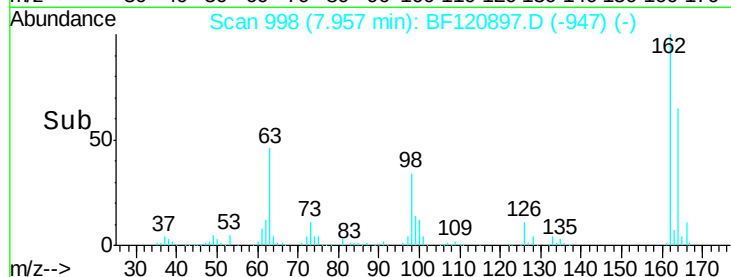
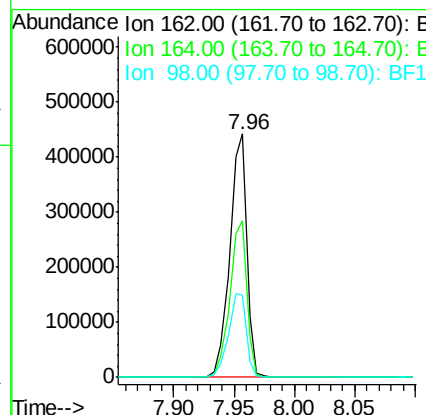
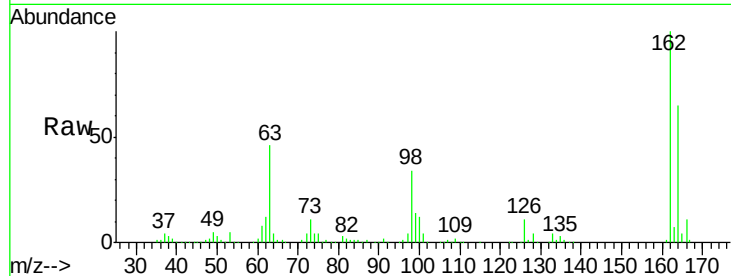
#29
 2,4-Dichlorophenol
 Concen: 45.435 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	431048		
164	64.5	45.3	85.3	
98	33.9	13.3	53.3	

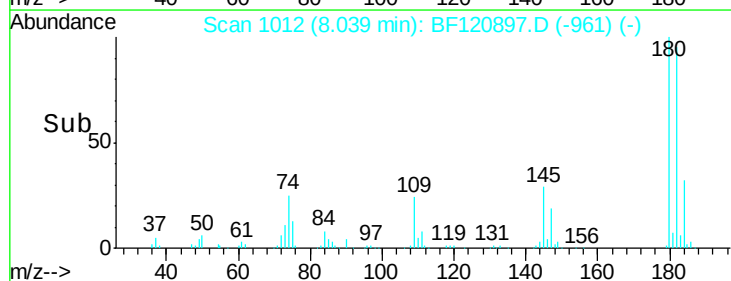
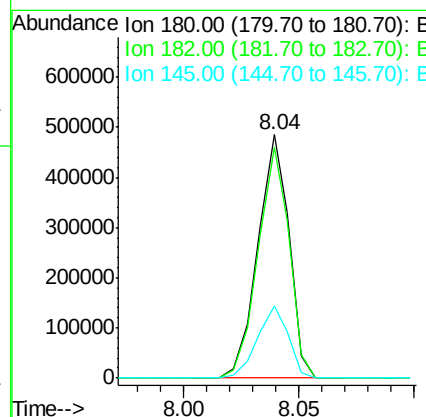
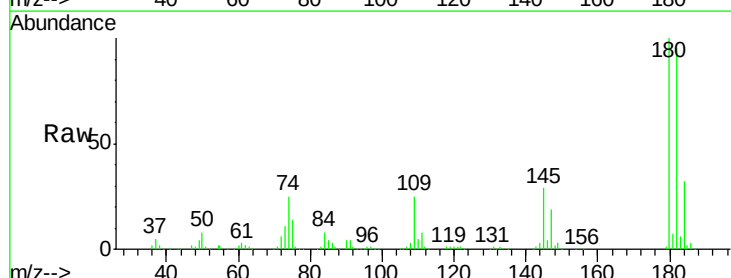
Manual Integrations
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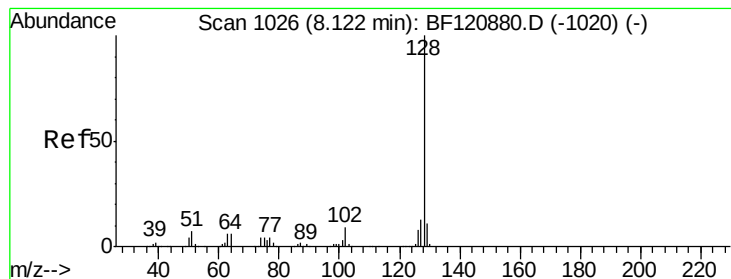
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.400 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	456815		
182	94.9	75.0	112.6	
145	29.4	23.5	35.3	





#31

Naphthalene

Concen: 42.509 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-16-DMS

Tot Ion:128 Resp: 1409457

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

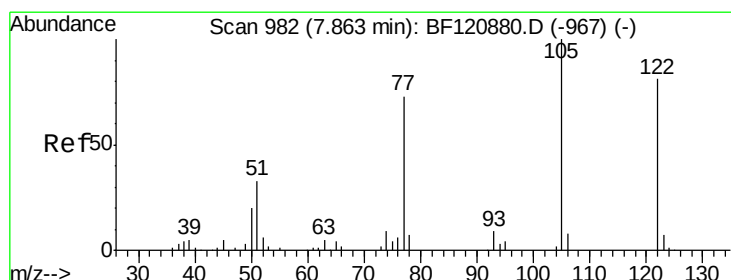
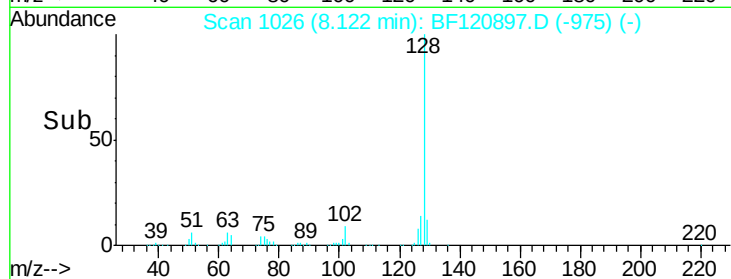
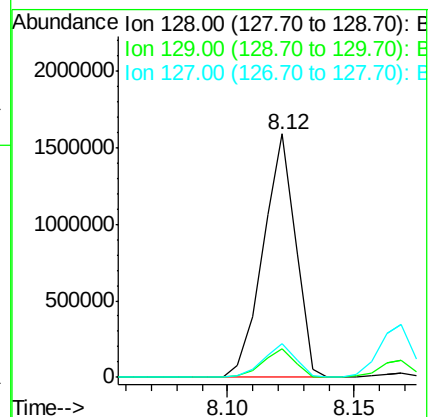
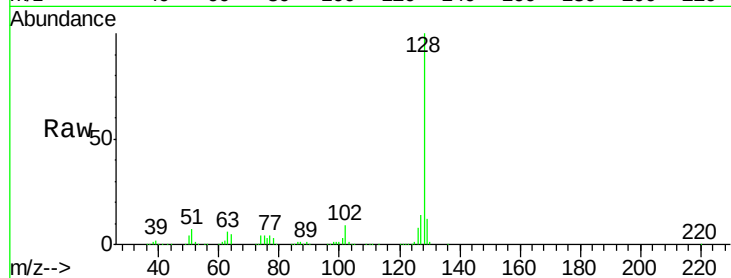
127 13.7 10.7 16.1

Manual Integrations

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#32

Benzoic acid

Concen: 49.045 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

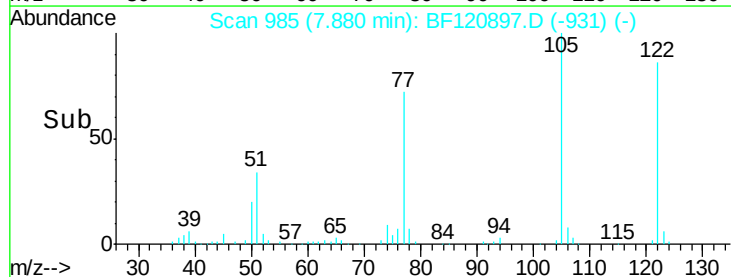
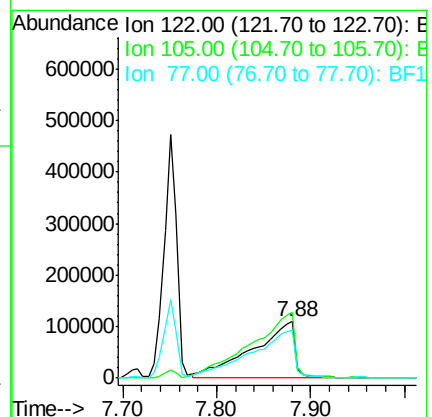
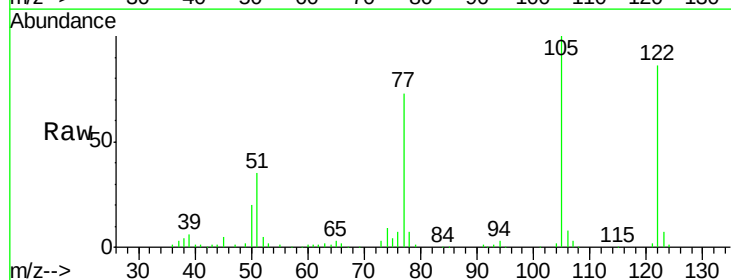
Tgt Ion:122 Resp: 341816

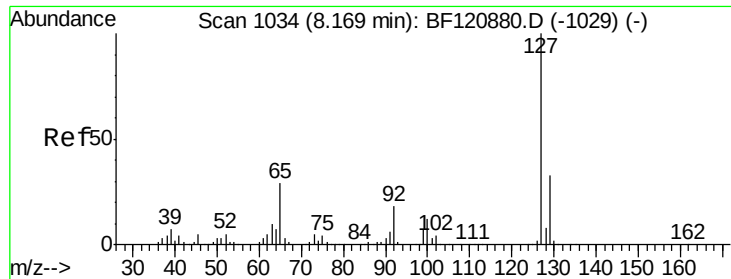
Ion Ratio Lower Upper

122 100

105 116.2 101.3 141.3

77 85.4 69.1 109.1





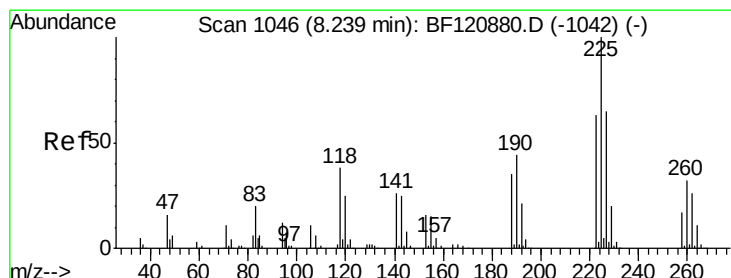
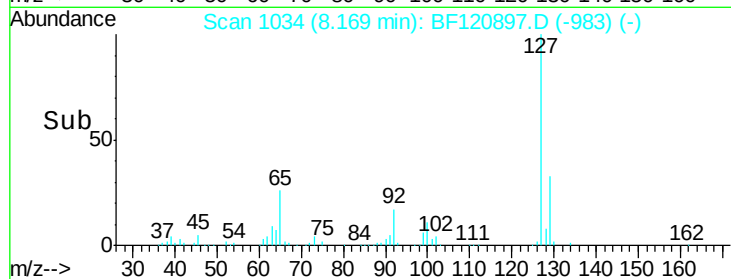
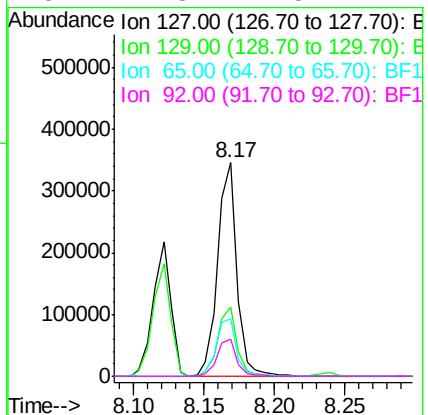
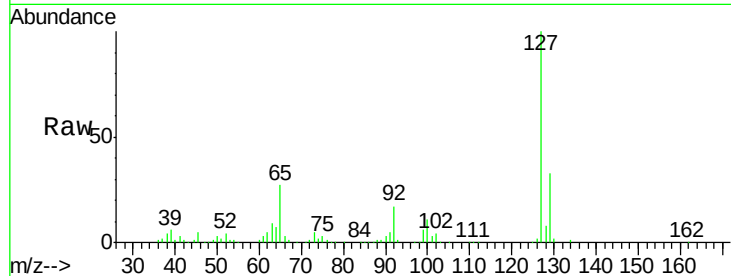
#33
4-Chloroaniline
Concen: 22.189 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.5	39.7		
65	26.8	23.0	34.4		
92	17.3	14.5	21.7		

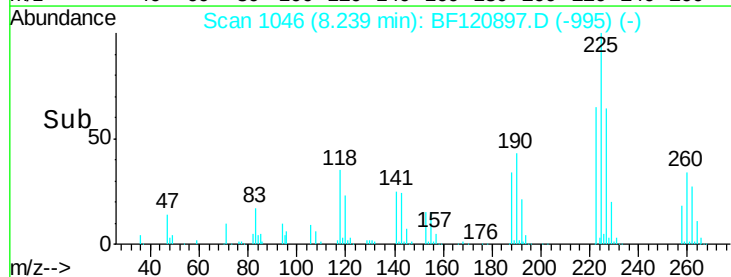
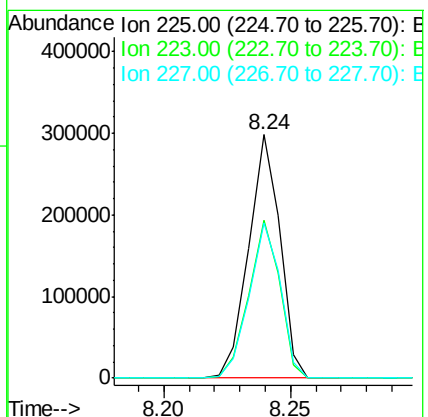
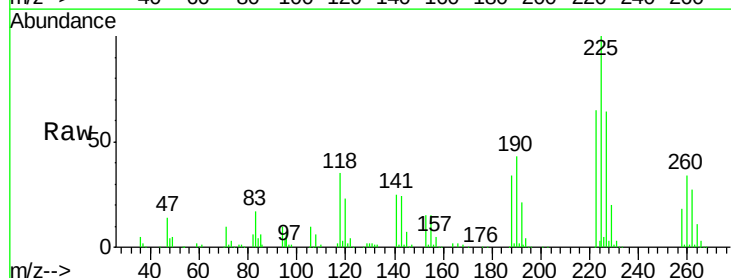
Manual Integrations
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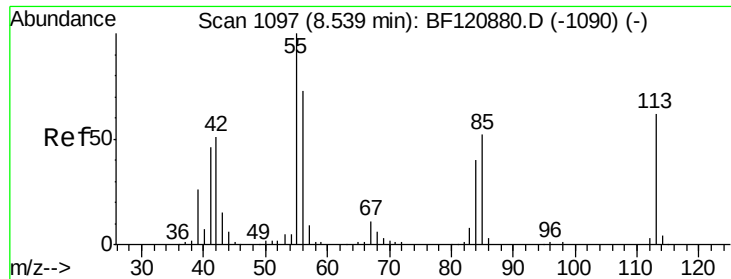
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#34
Hexachlorobutadiene
Concen: 41.543 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	50.6	76.0		
227	63.8	52.2	78.2		





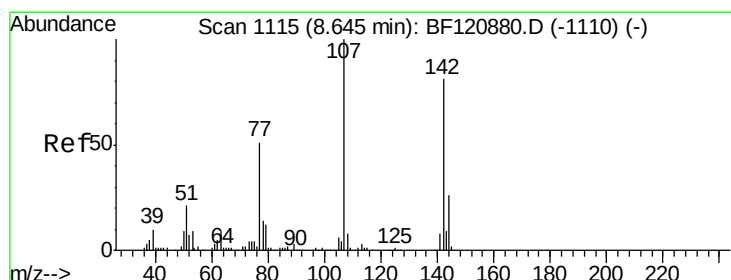
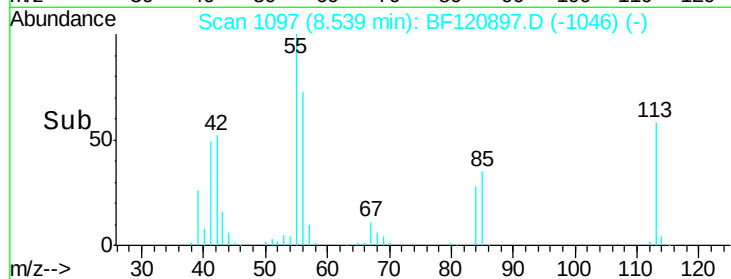
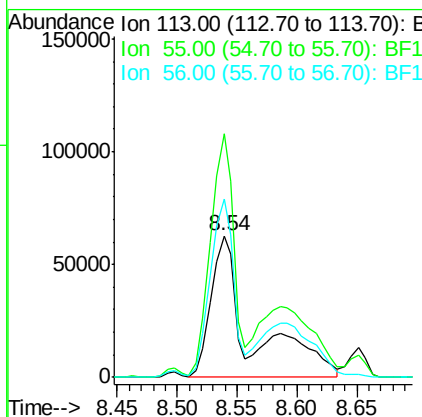
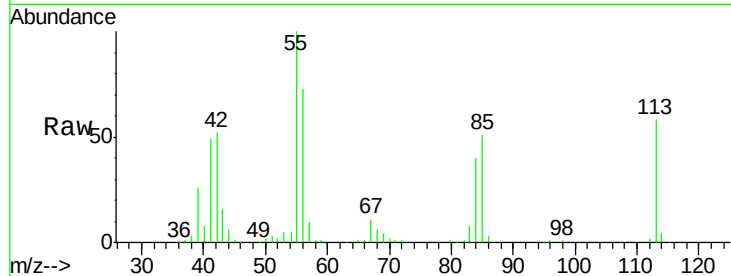
#35
 Caprolactam
 Concen: 47.505 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.1	143.3	183.3
56	125.8	99.4	139.4

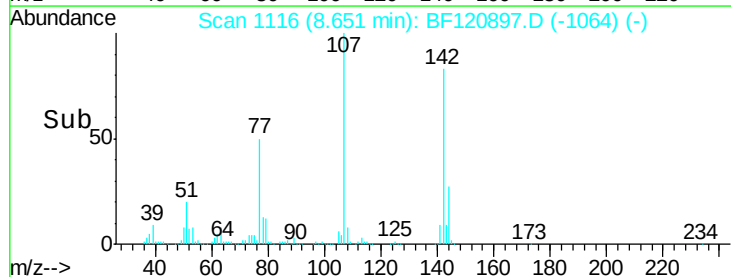
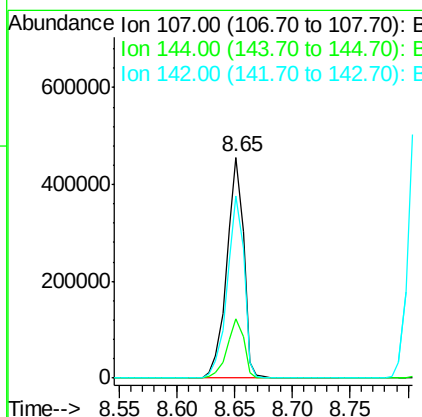
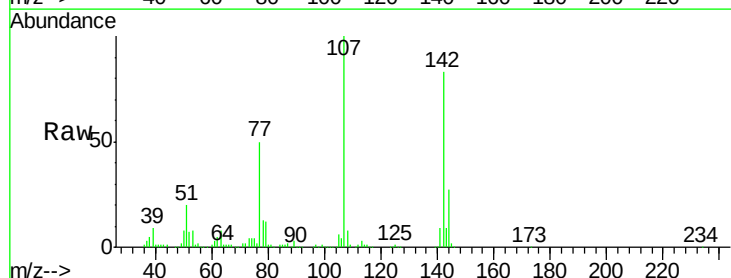
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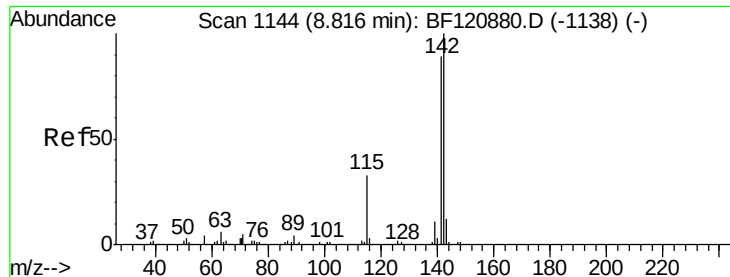
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#36
 4-Chloro-3-methylphenol
 Concen: 47.408 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.0	31.6
142	82.7	65.0	97.6





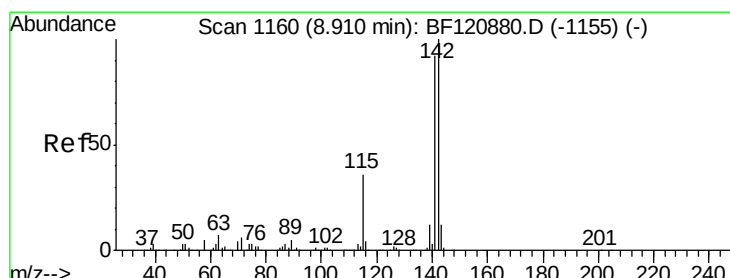
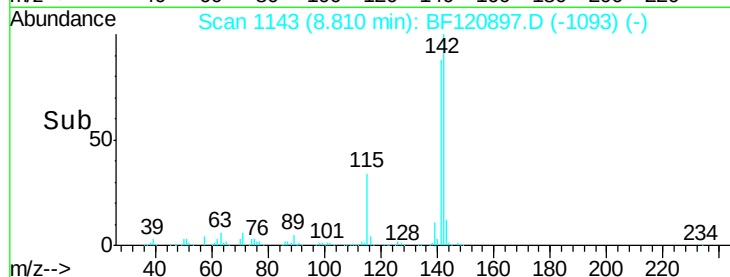
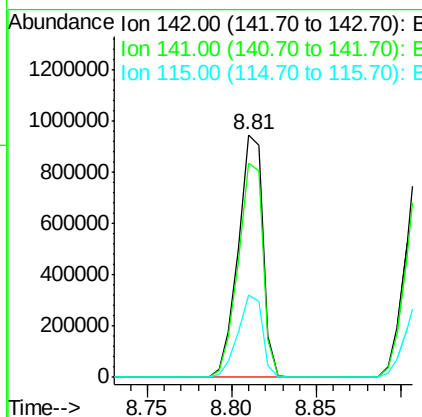
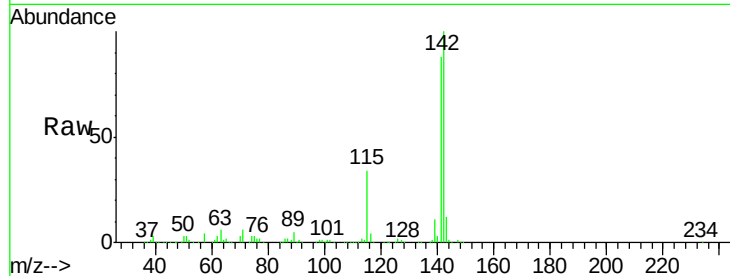
#37
2-Methylnaphthalene
Concen: 44.906 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.4
115	33.9	26.0	39.0

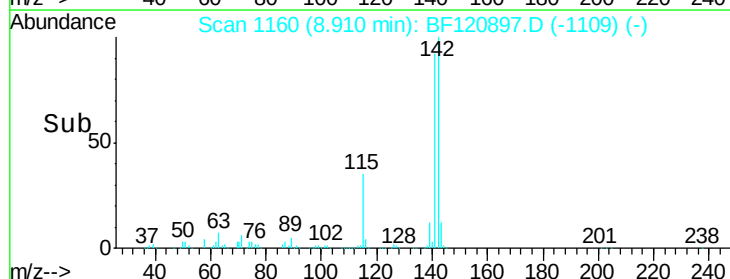
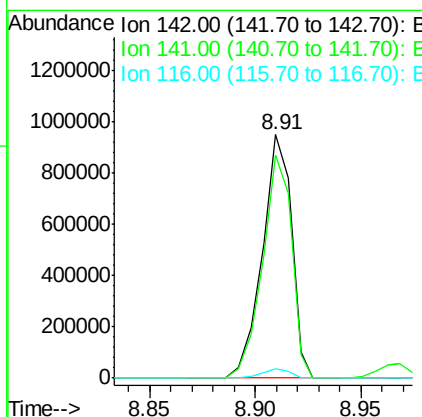
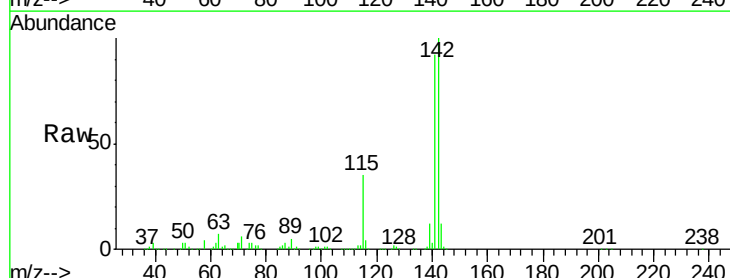
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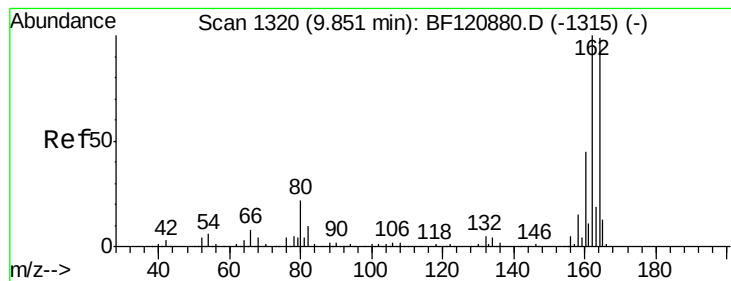
mohammad
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#38
1-Methylnaphthalene
Concen: 45.126 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

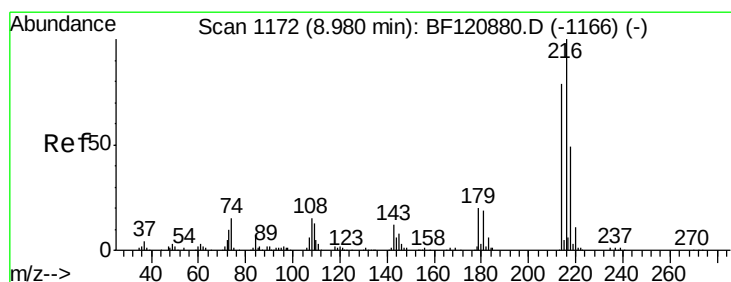
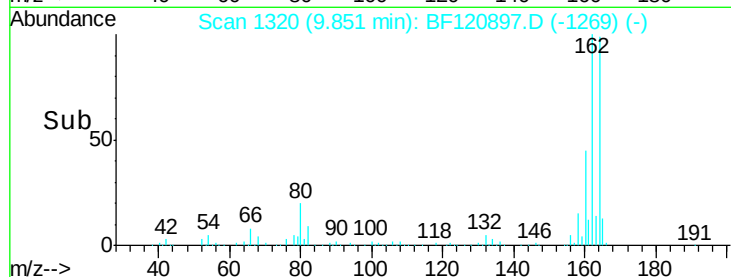
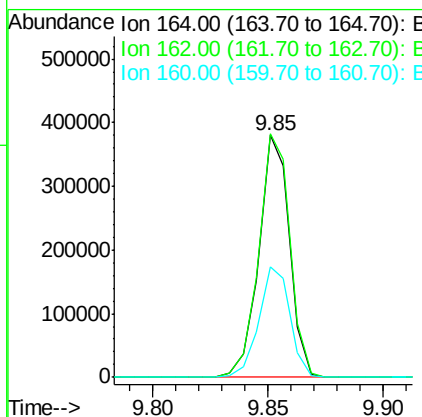
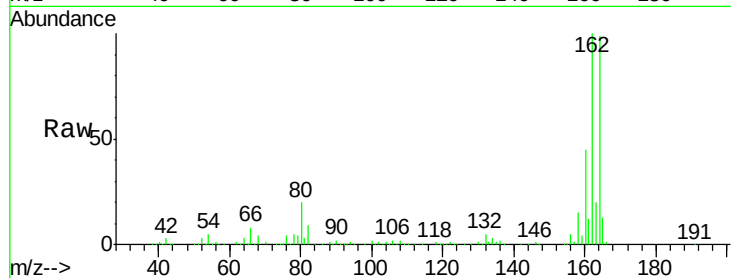
ClientSampleId :

TP-16-DMS

Tot Ion:	164	Resp:	349971
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.2	121.8
160	45.5	36.9	55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.136 ng

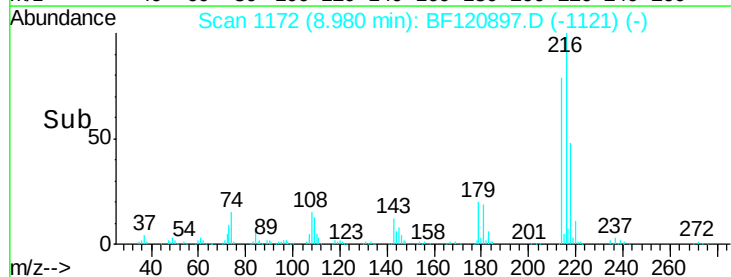
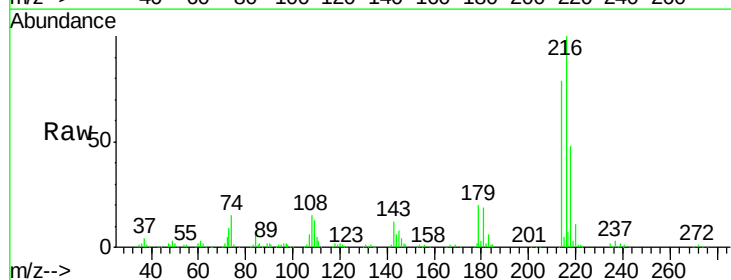
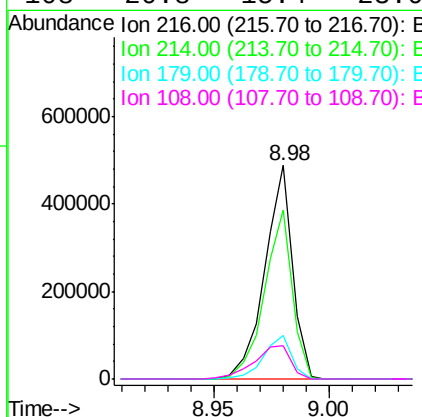
RT: 8.98 min Scan# 1172

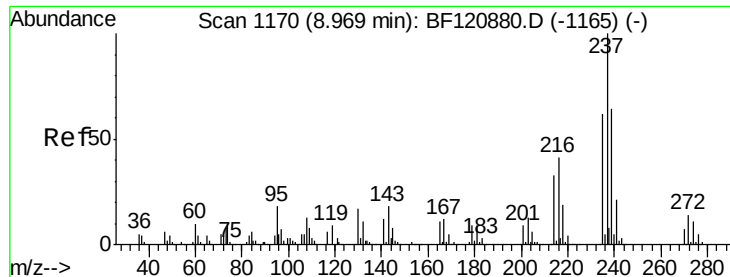
Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	216	Resp:	409256
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.8
179	20.7	16.6	24.8
108	20.8	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 82.359 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

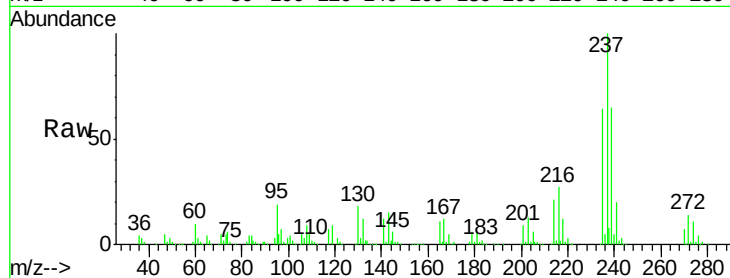
ClientSampleId :

TP-16-DMS

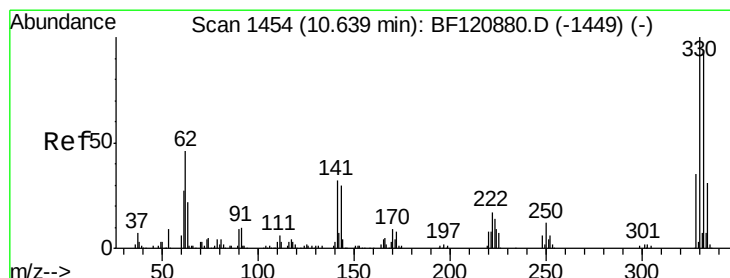
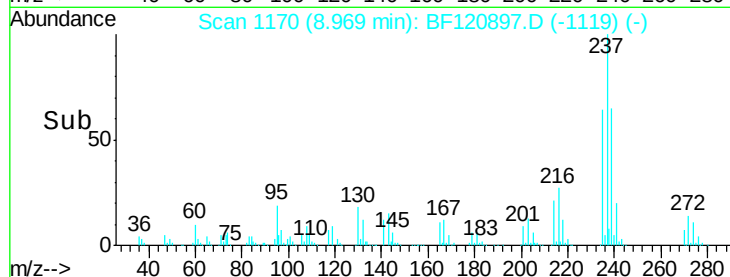
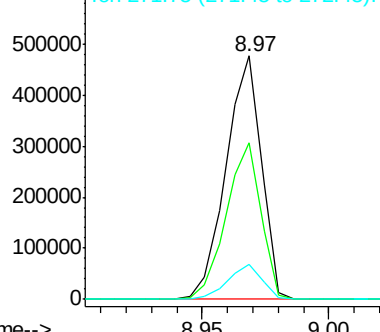
Tot Ion:	237	Resp:	464133
Ion Ratio	Lower	Upper	
237	100		
235	64.1	41.6	81.6
272	14.4	0.0	33.7

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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: 99.297 ng

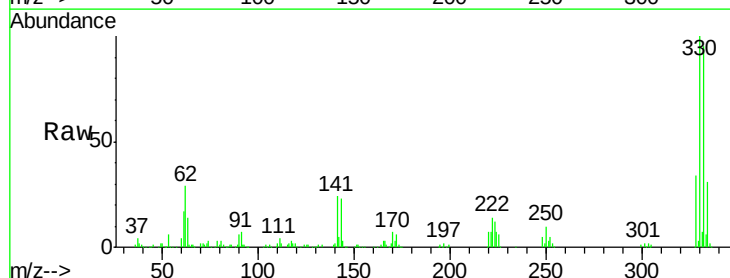
RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

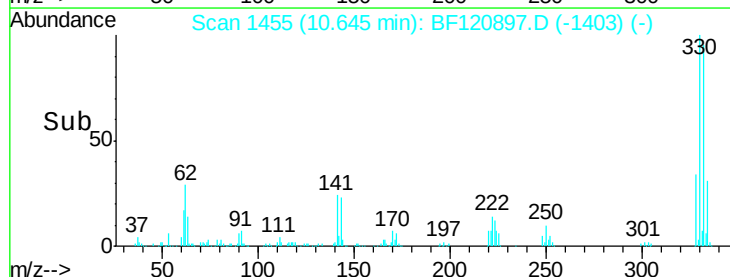
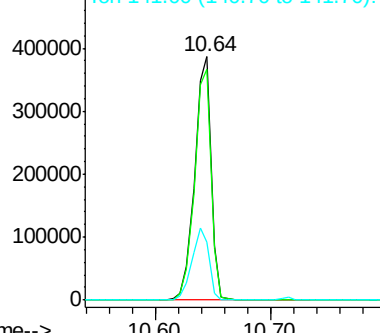
Lab File: BF120897.D

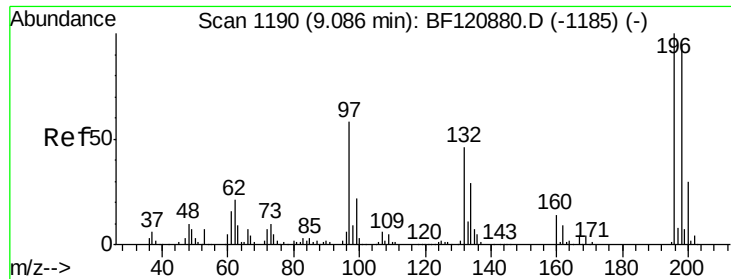
Acq: 16 Jul 2020 20:55

Tgt Ion:	330	Resp:	380385
Ion Ratio	Lower	Upper	
330	100		
332	96.3	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





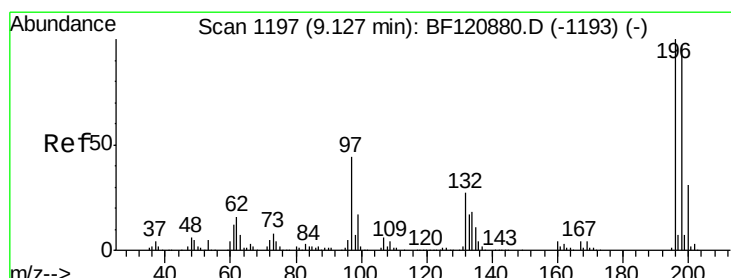
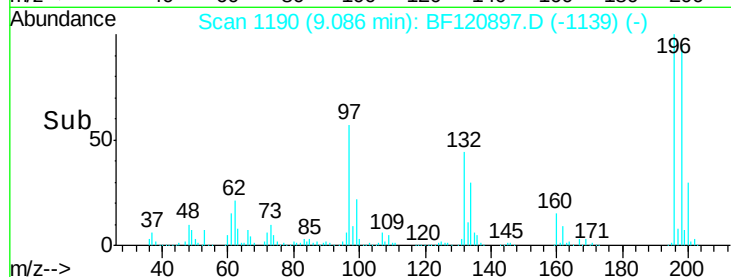
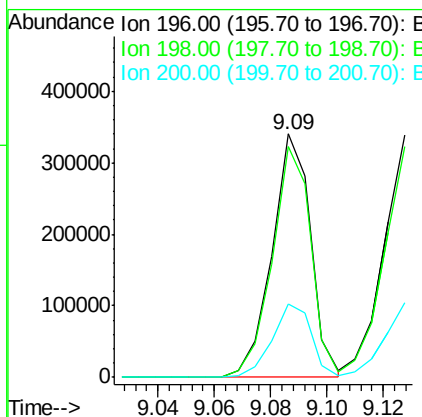
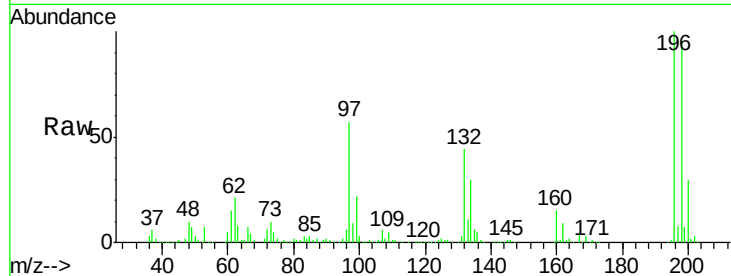
#43
 2,4,6-Trichlorophenol
 Concen: 44.954 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampled :
 TP-16-DMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	322744		
198	95.0		75.7	113.5
200	29.9		24.4	36.6

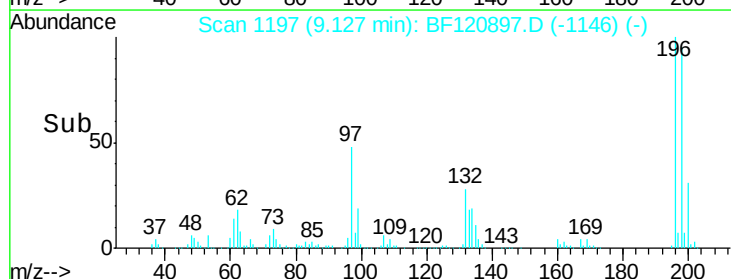
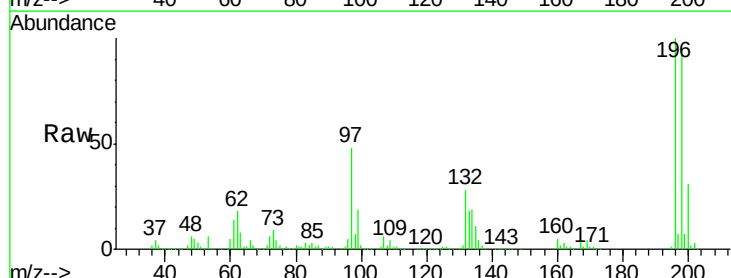
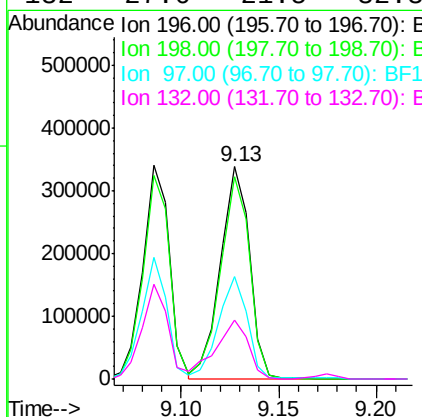
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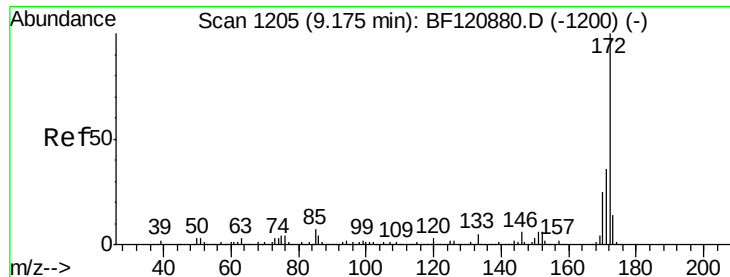
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.022 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	350360		
198	95.3		77.6	116.4
97	48.2		35.6	53.4
132	27.6		21.5	32.3





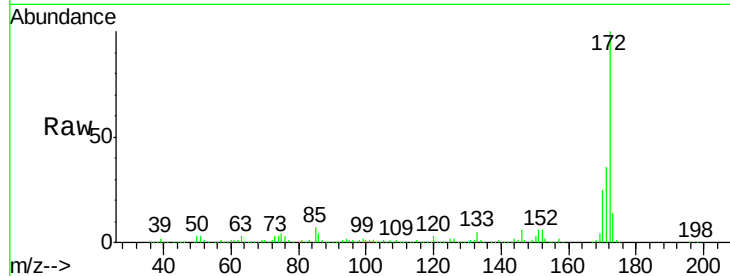
#45
2-Fluorobiphenyl
Concen: 60.268 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

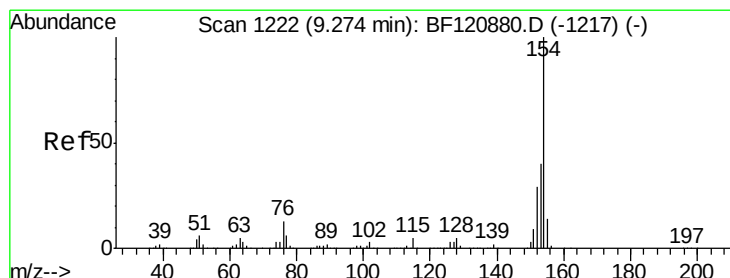
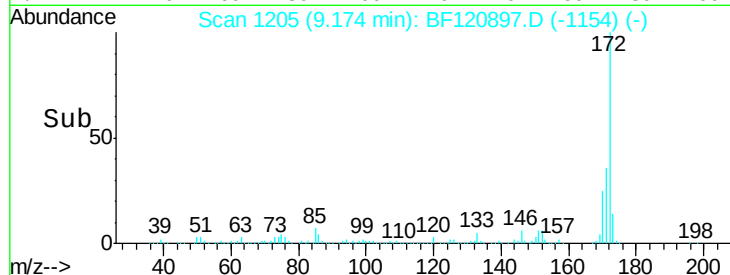
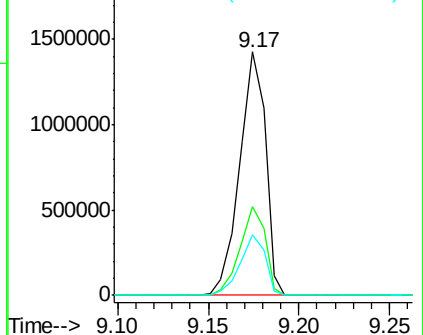
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.7	19.6	29.4

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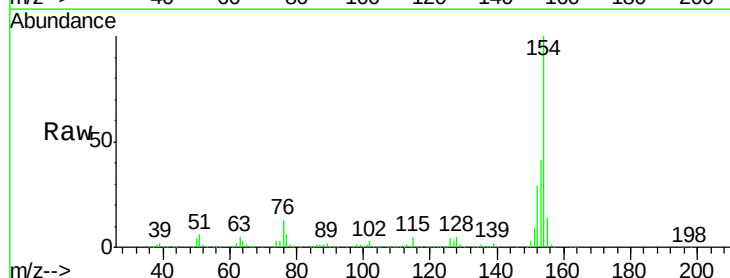


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

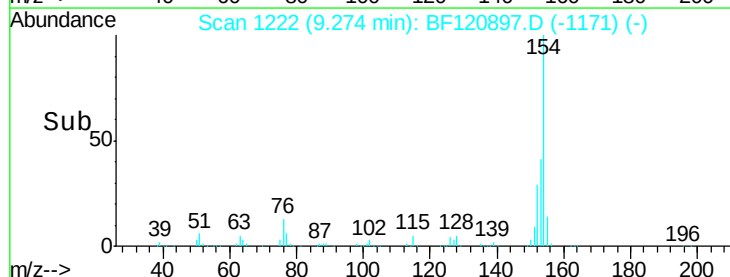
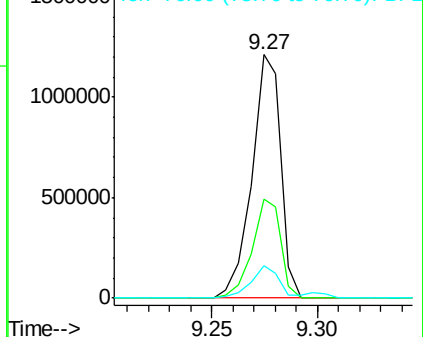


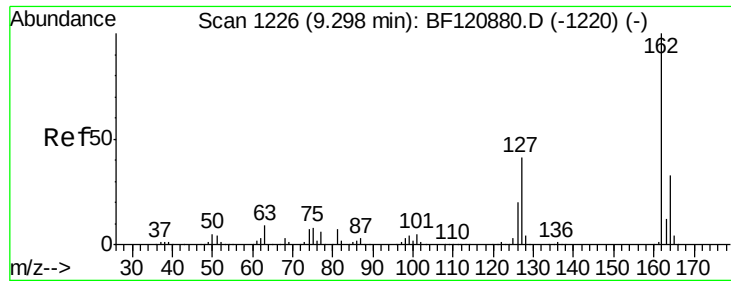
#46
1,1'-Biphenyl
Concen: 43.081 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	13.3	0.0	33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





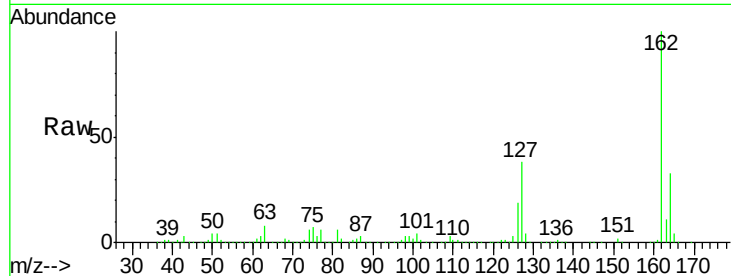
#47
2-Chloronaphthalene
Concen: 40.871 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

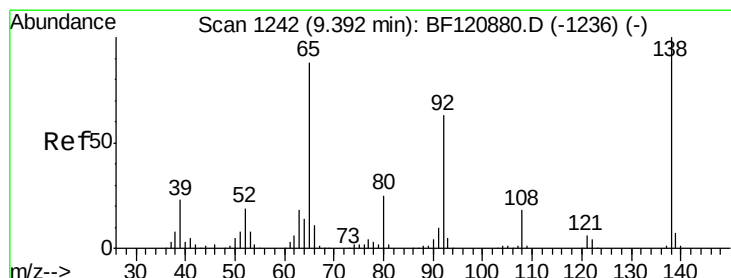
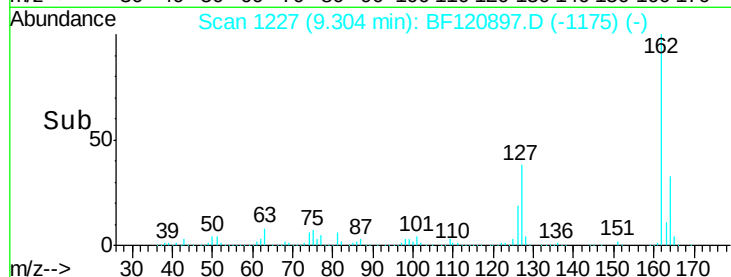
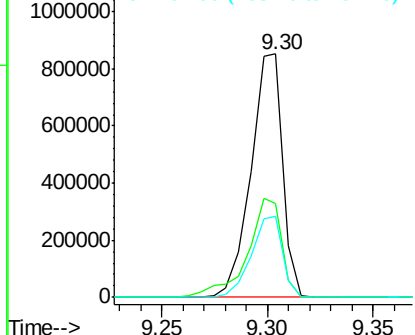
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.3	49.9
164	33.4	26.6	39.8

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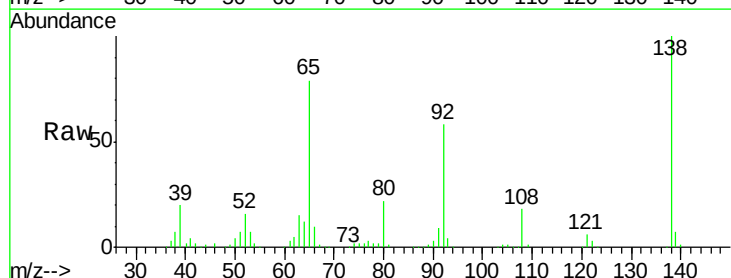


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

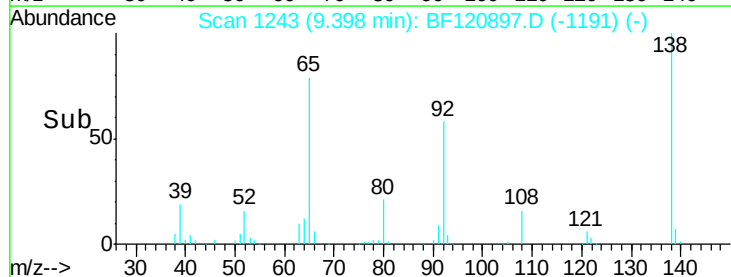
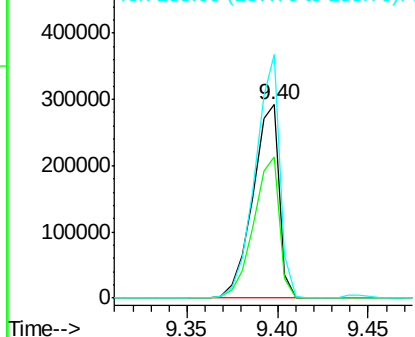


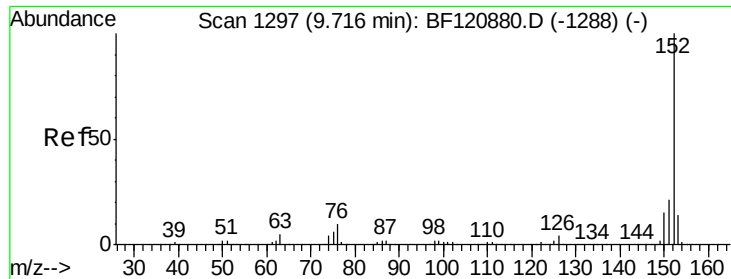
#48
2-Nitroaniline
Concen: 44.922 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	57.0	85.4
138	125.9	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: 43.240 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-16-DMS

Tot Ion:152 Resp: 1462052

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

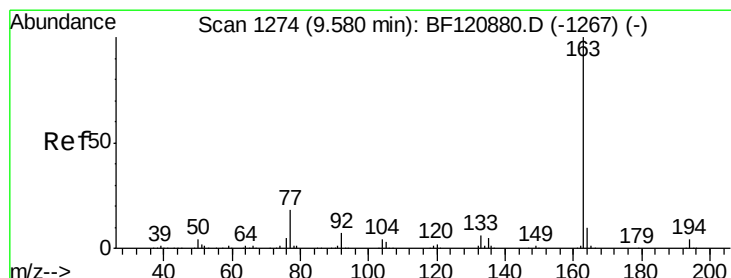
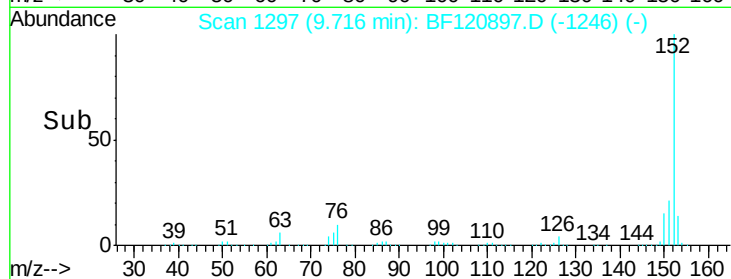
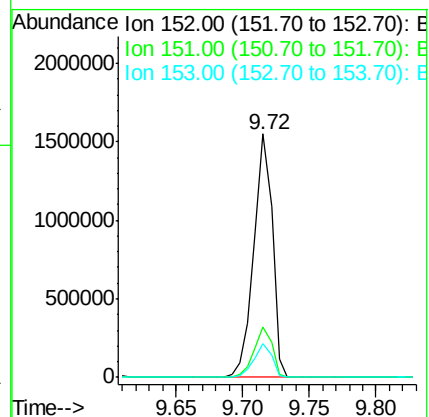
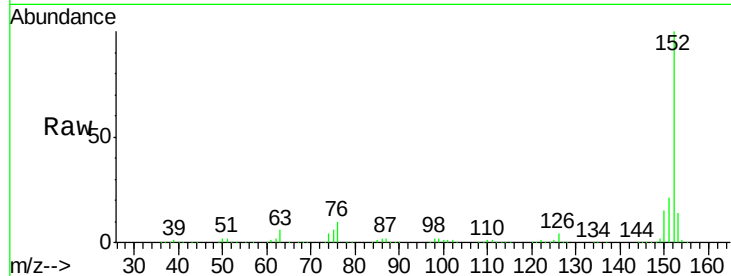
153 13.9 10.9 16.3

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#50

Dimethylphthalate

Concen: 52.221 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

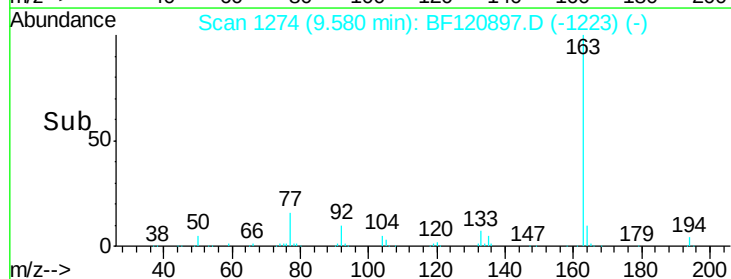
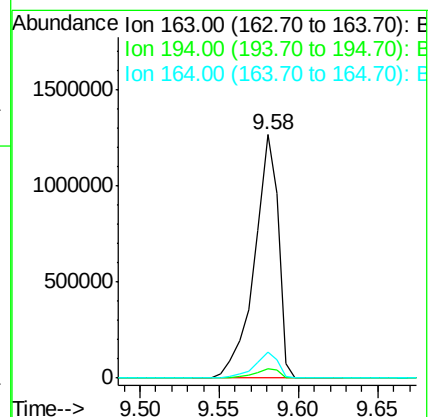
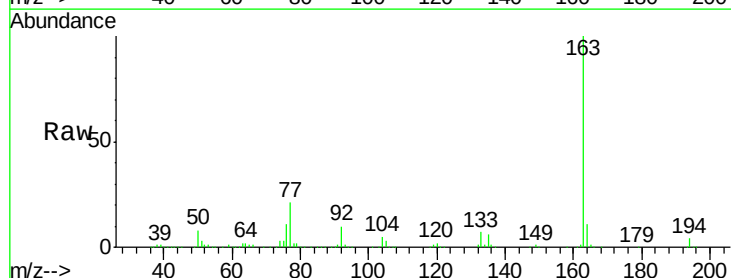
Tgt Ion:163 Resp: 1318493

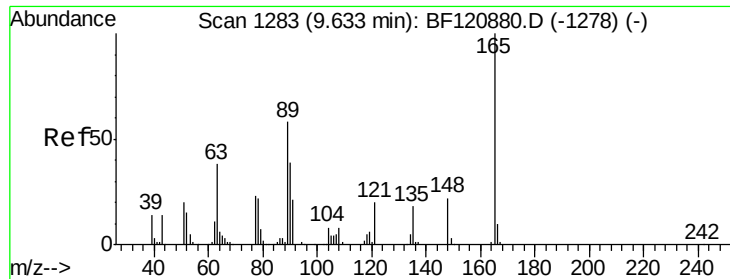
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.7 7.9 11.9





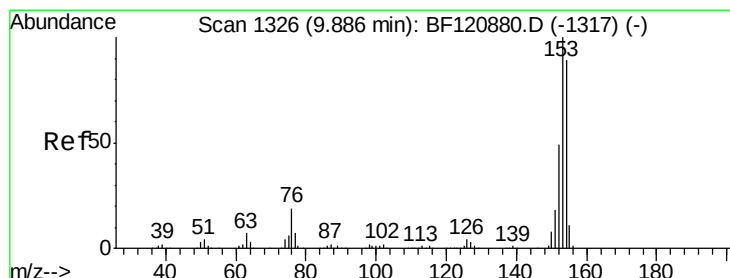
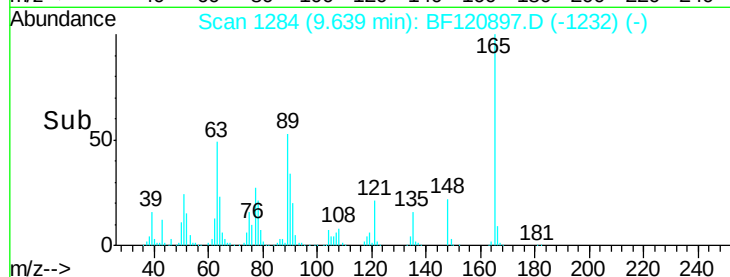
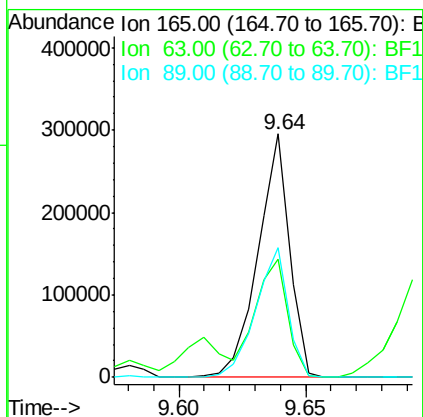
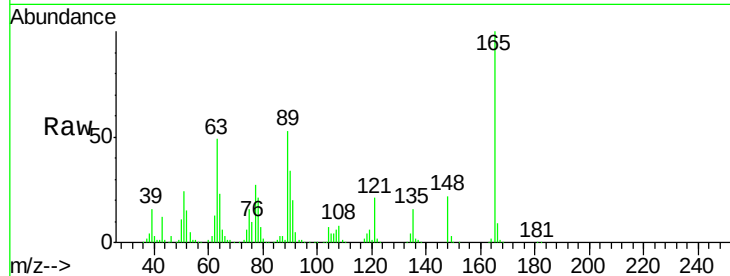
#51
2,6-Dinitrotoluene
Concen: 47.011 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	255004		
63	48.8		45.4	68.2
89	53.3		47.0	70.4

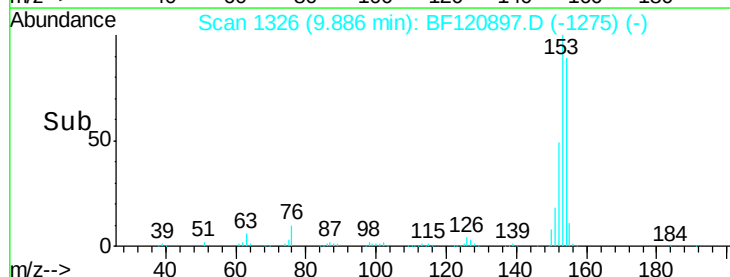
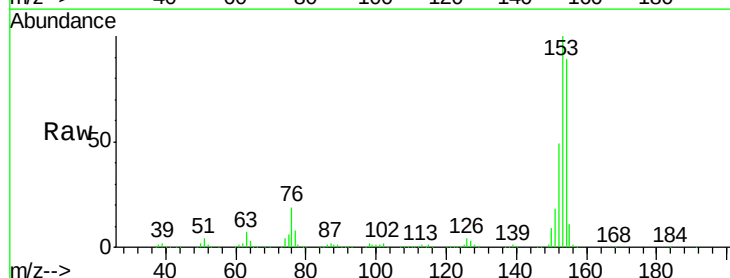
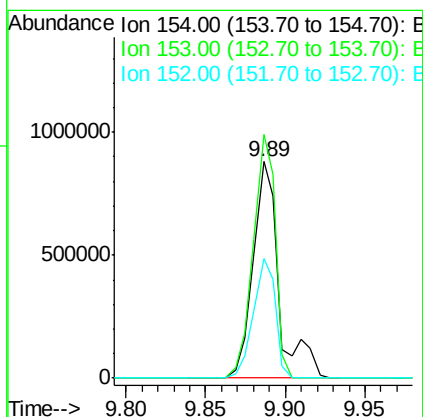
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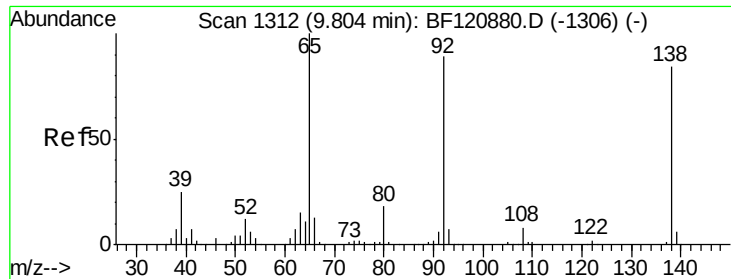
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#52
Acenaphthene
Concen: 46.454 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	998636		
153	112.5		89.5	134.3
152	55.5		44.2	66.2





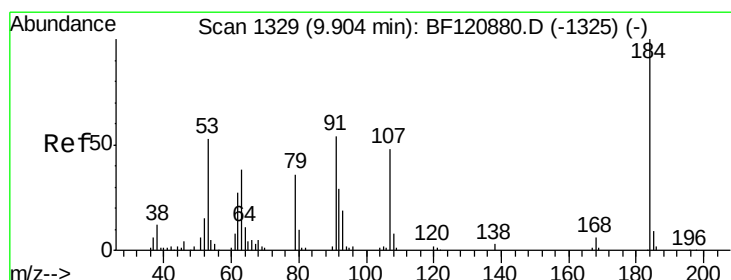
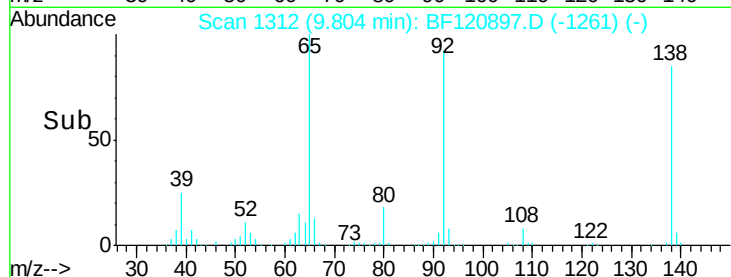
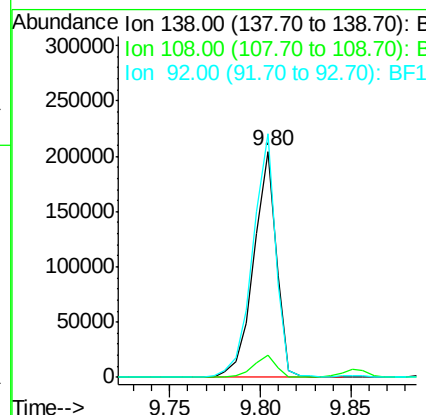
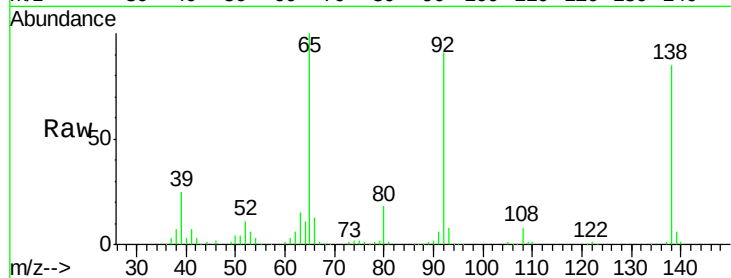
#53
3-Nitroaniline
Concen: 26.129 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	107.6	85.3	127.9

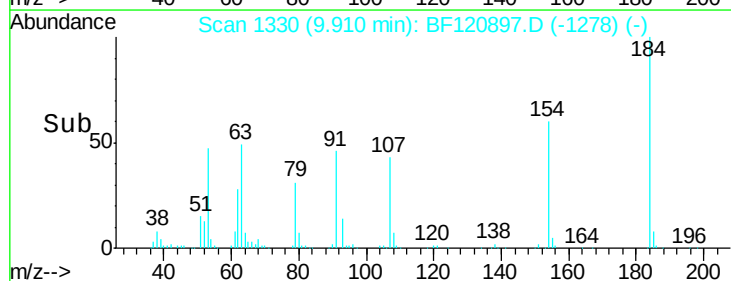
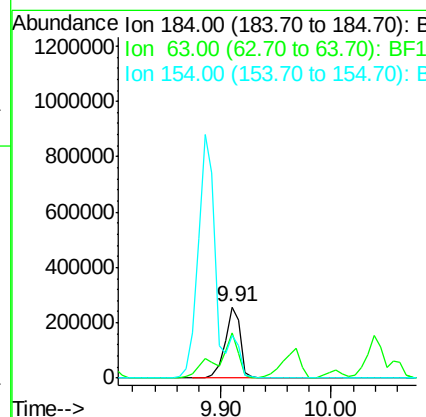
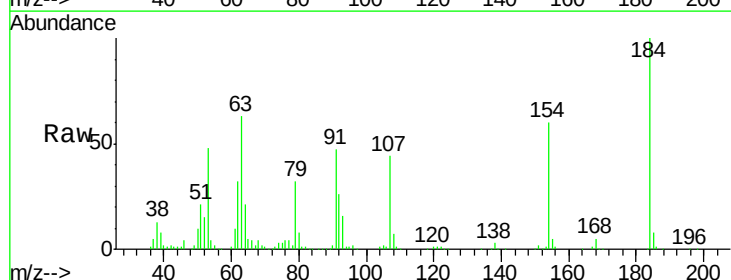
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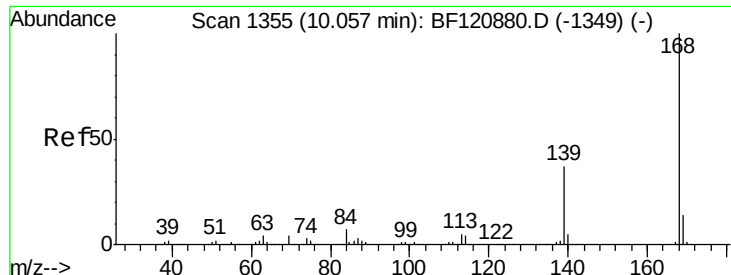
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#54
2,4-Dinitrophenol
Concen: 79.058 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	57.9	86.9
154	60.5	52.6	78.8





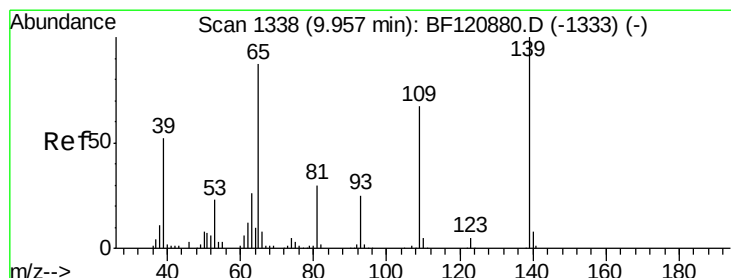
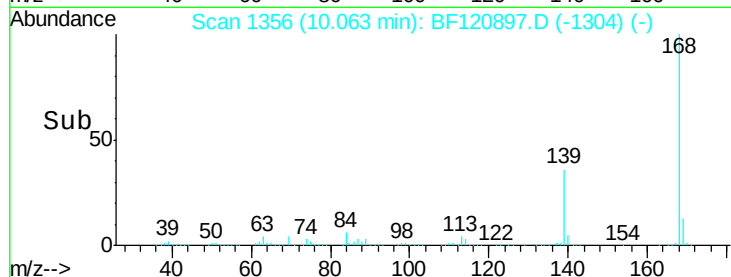
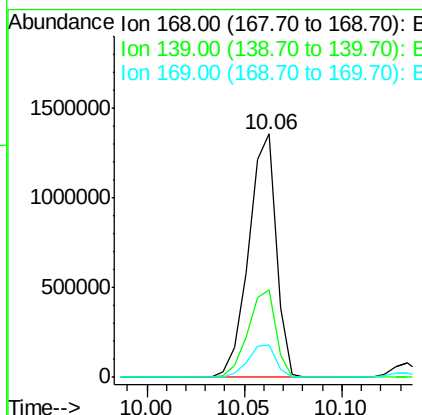
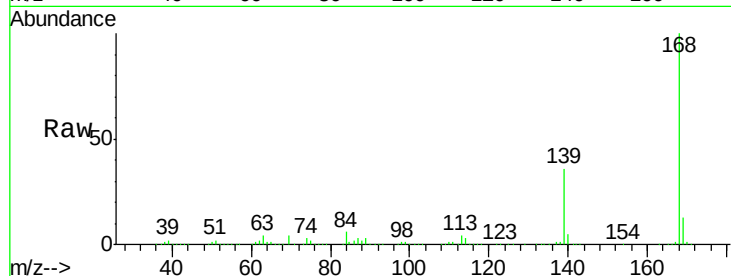
#55
Dibenzenofuran
Concen: 42.786 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.7	44.5
169	13.3	11.1	16.7

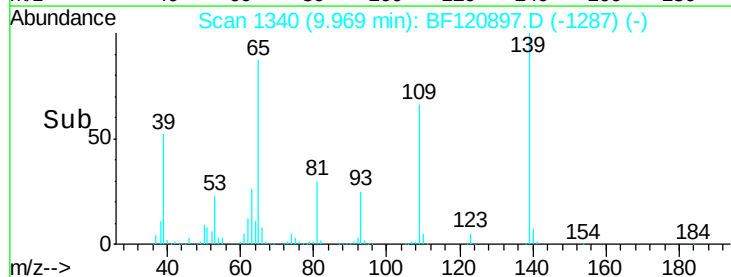
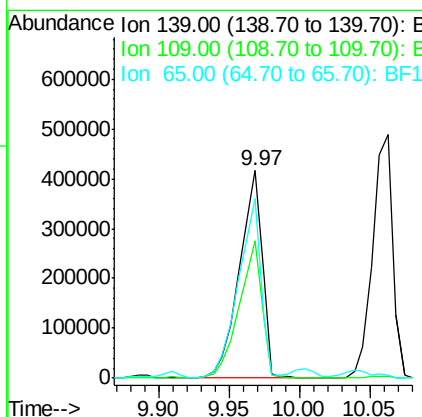
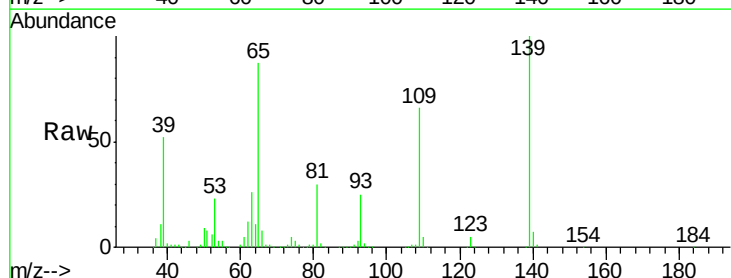
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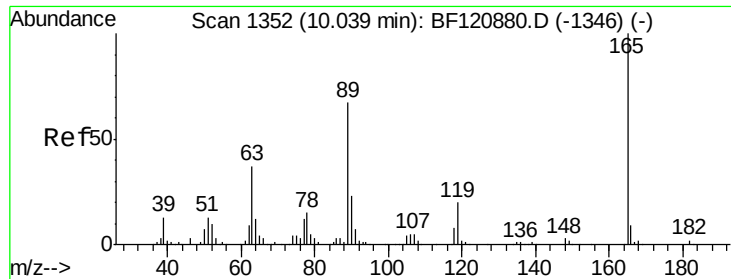
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#56
4-Nitrophenol
Concen: 91.431 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	47.3	87.3
65	86.5	67.2	107.2





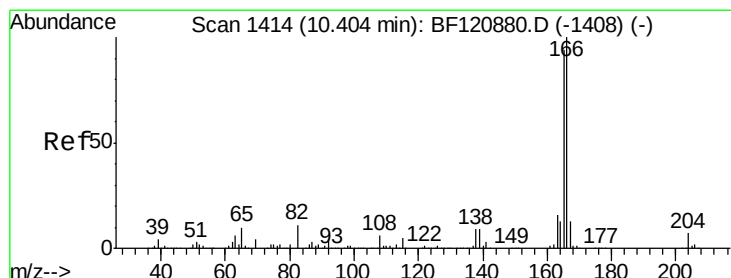
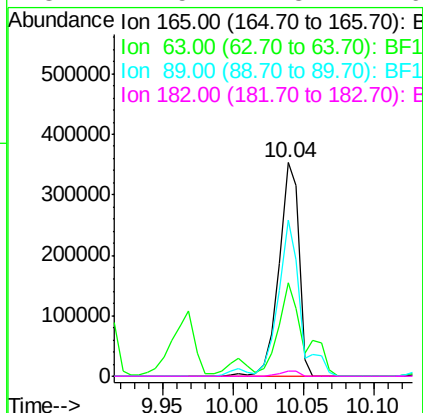
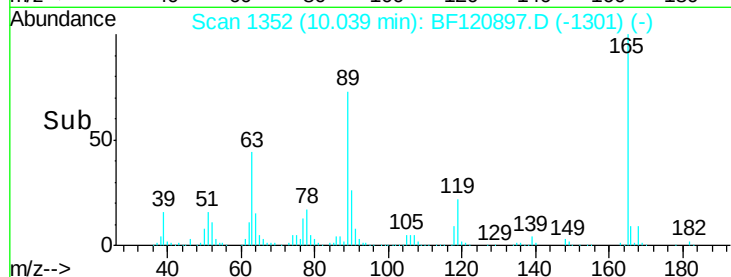
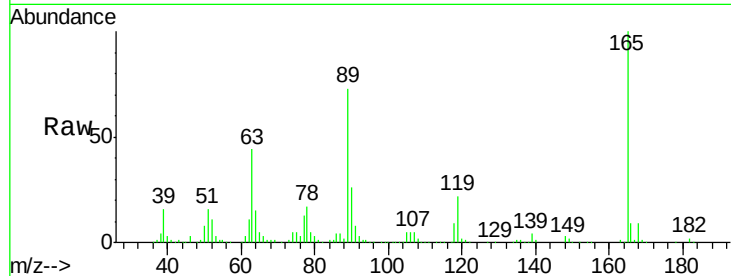
#57
2,4-Dinitrotoluene
Concen: 48.896 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.7	29.4	44.2	
89	72.9	53.4	80.0	
182	2.5	1.8	2.6	

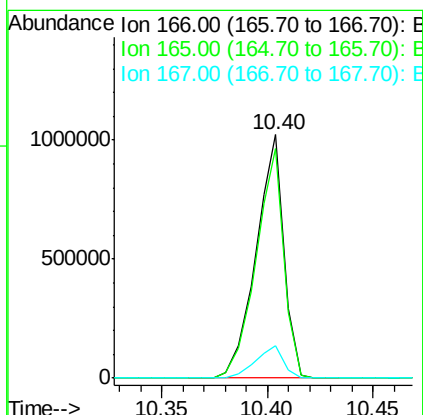
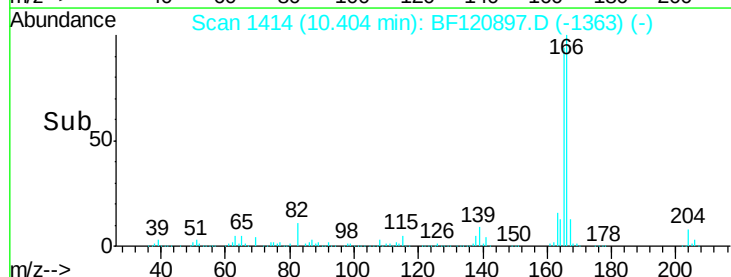
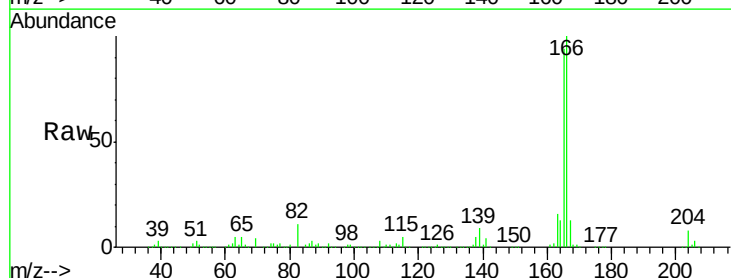
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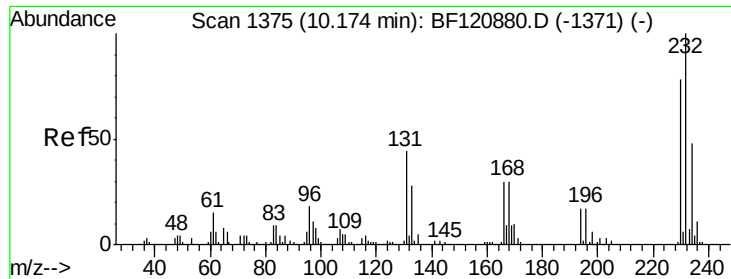
mohammad
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#58
Fluorene
Concen: 40.181 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.4	75.4	113.0	
167	13.5	10.6	15.8	





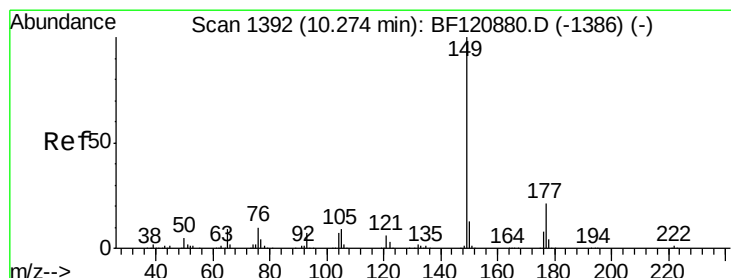
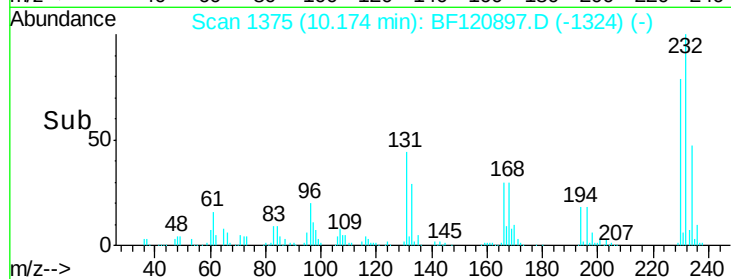
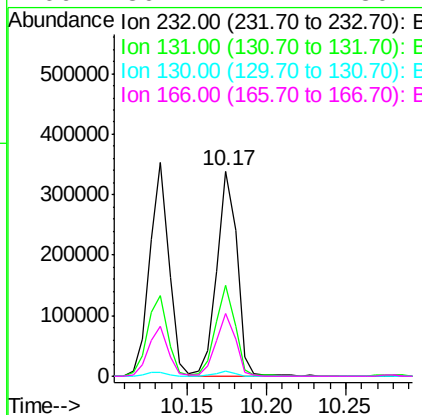
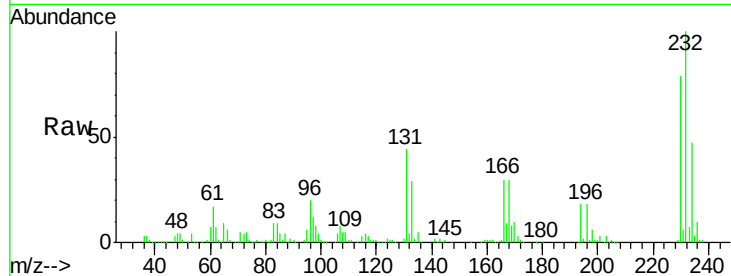
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.289 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	299418		
131	43.8		37.1	55.7
130	2.3		1.7	2.5
166	30.1		24.2	36.4

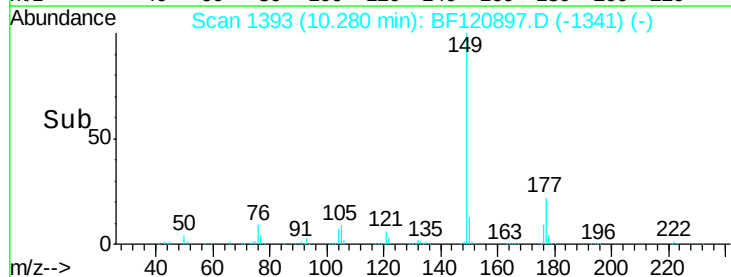
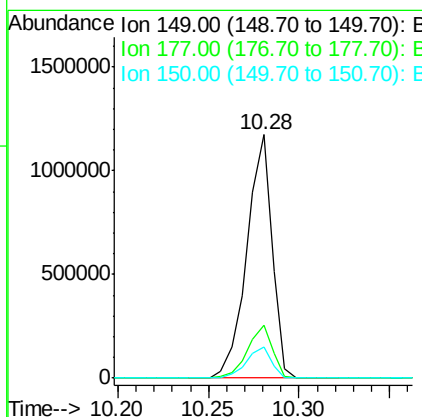
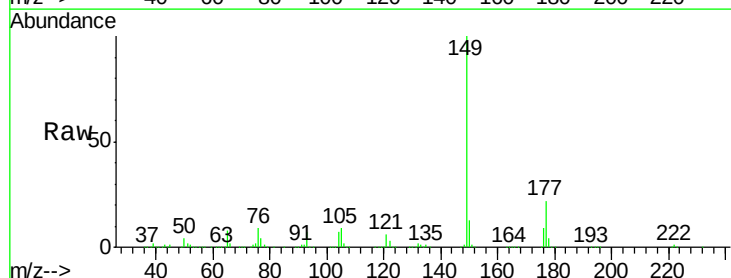
Manual Integrations
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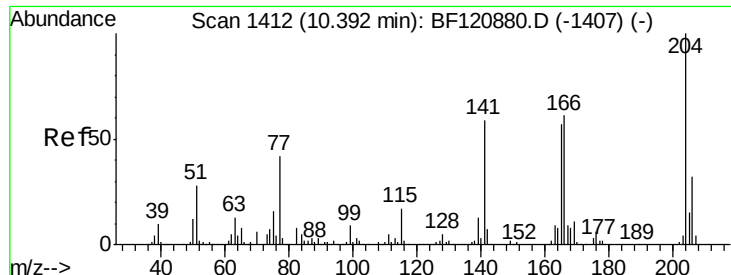
mohammad
7/17/2020 12:30:19 PM



#60
Diethylphthalate
Concen: 44.506 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1136588		
177	22.0		17.1	25.7
150	12.7		10.3	15.5





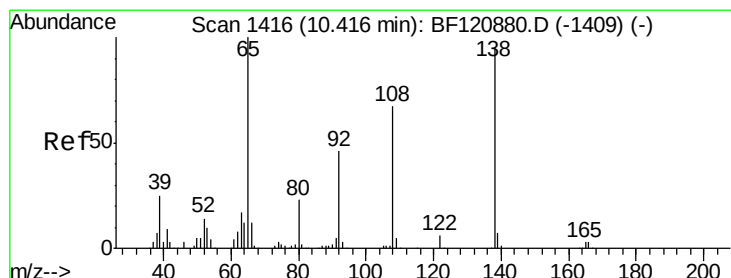
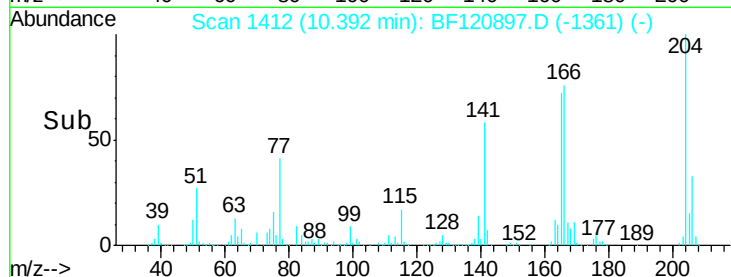
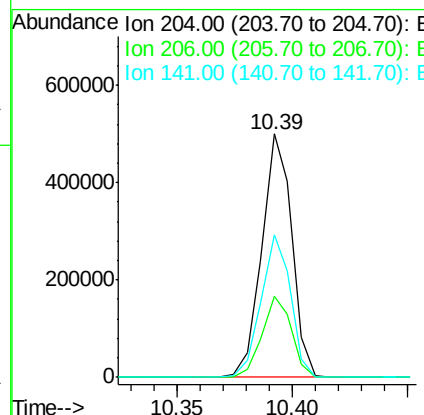
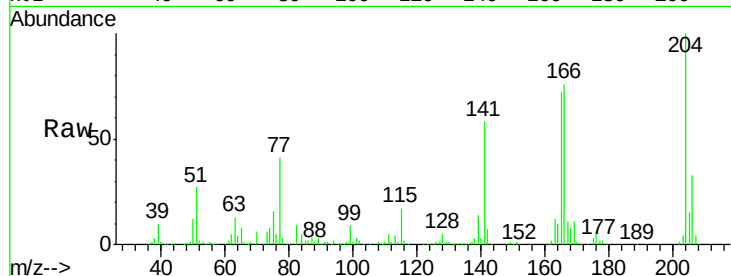
#61
4-Chlorophenyl-phenylether
Concen: 36.671 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.9	38.9
141	58.4	47.2	70.8

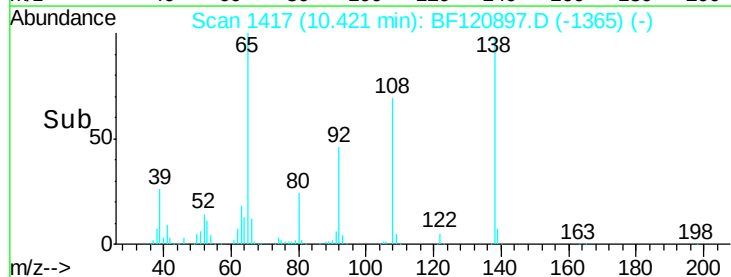
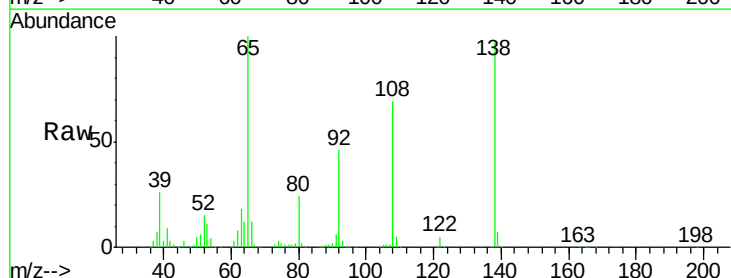
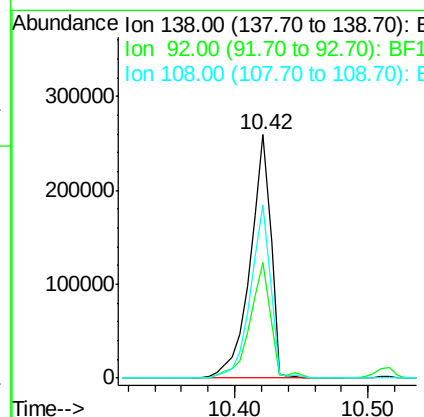
Manual Integrations
APPROVED

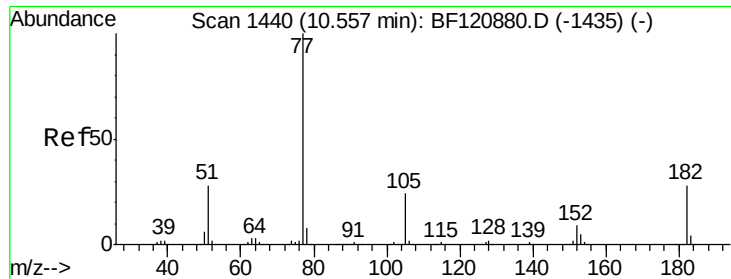
mohammad
7/17/2020 12:30:19 PM



#62
4-Nitroaniline
Concen: 41.336 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	28.6	68.6
108	71.3	51.1	91.1





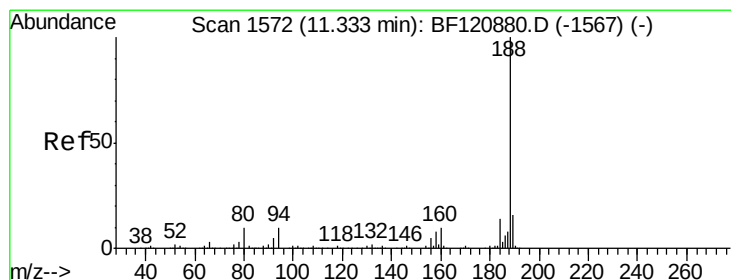
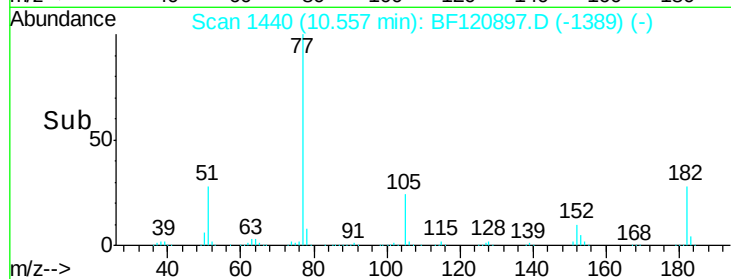
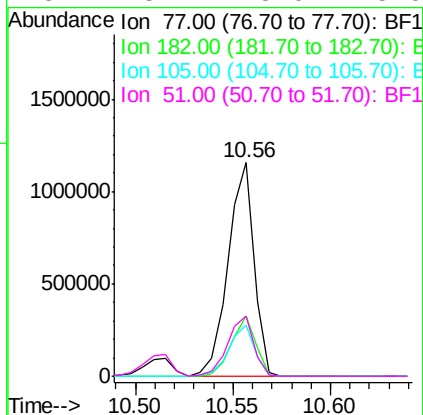
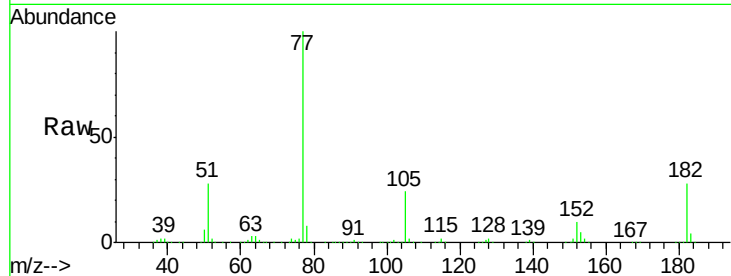
#63
Azobenzene
Concen: 43.641 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.8	47.8
105	24.1	4.4	44.4
51	28.4	8.0	48.0

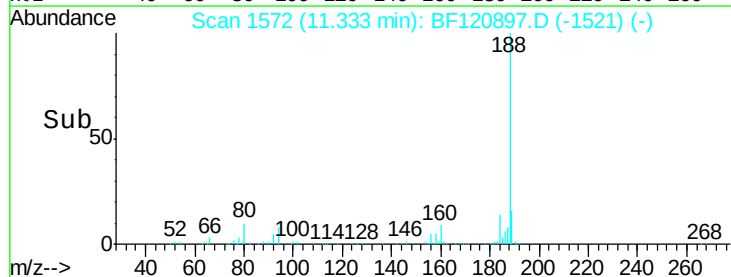
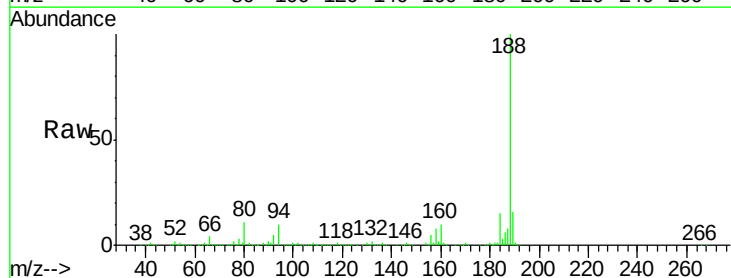
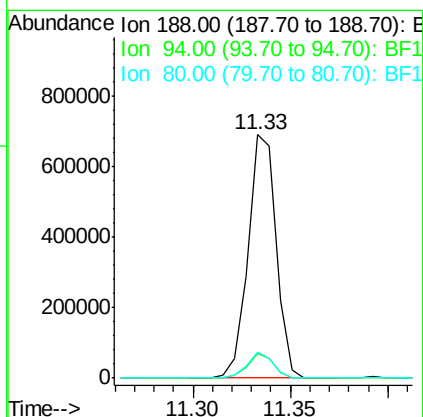
Manual Integrations
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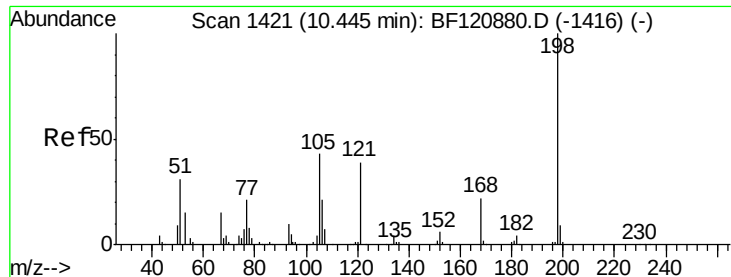
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	10.6	8.3	12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 44.237 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-16-DMS

Tot Ion:198 Resp: 174739

Ion Ratio Lower Upper

198 100

51 49.1 19.5 59.5

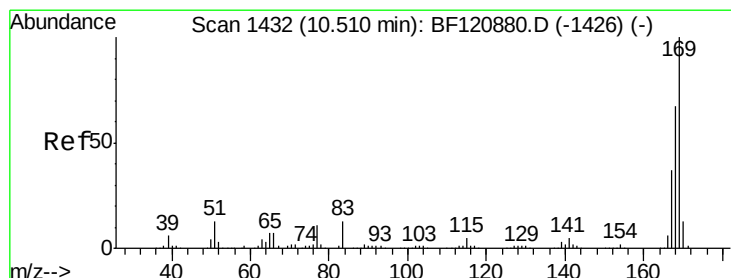
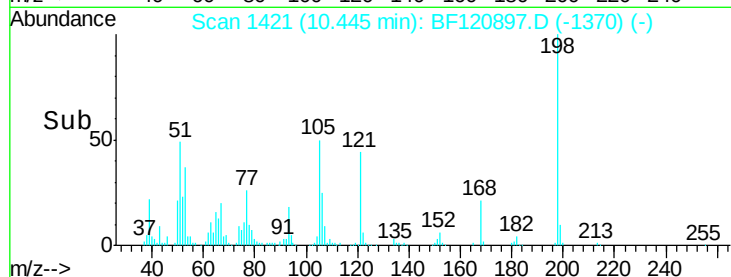
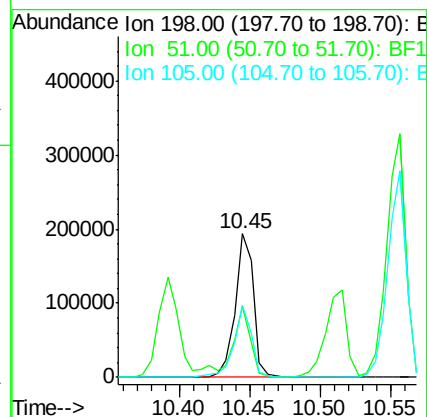
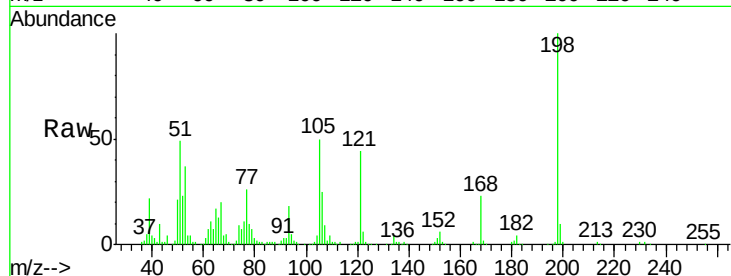
105 50.0 24.4 64.4

Manual Integrations

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#66

n-Nitrosodiphenylamine

Concen: 44.180 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

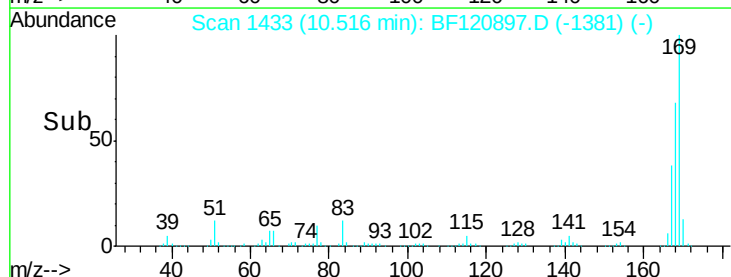
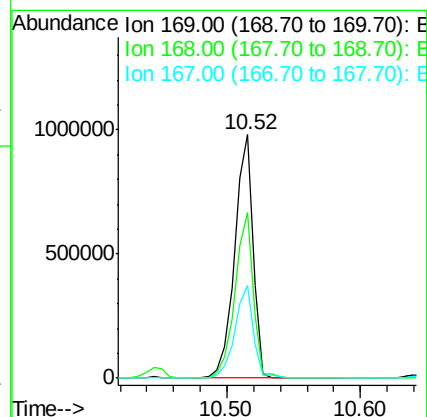
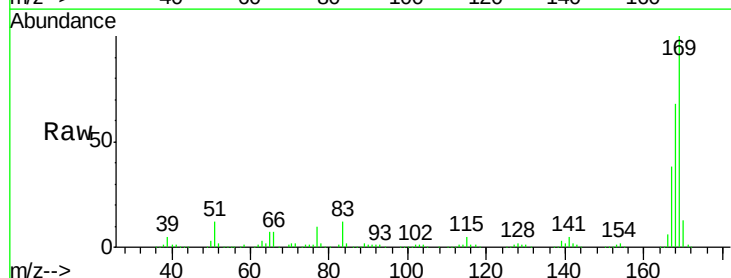
Tgt Ion:169 Resp: 955635

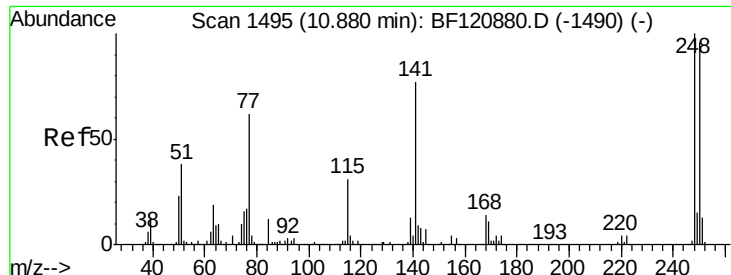
Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.0

167 37.9 29.4 44.0





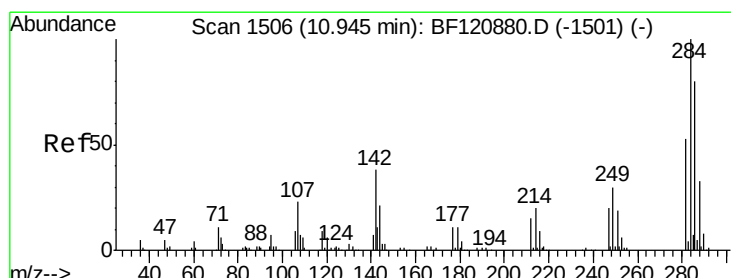
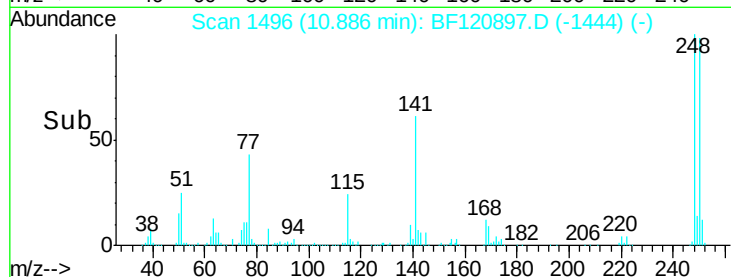
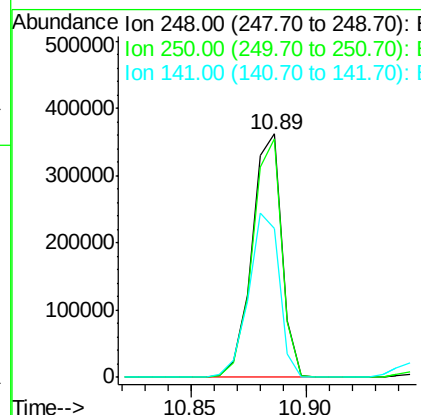
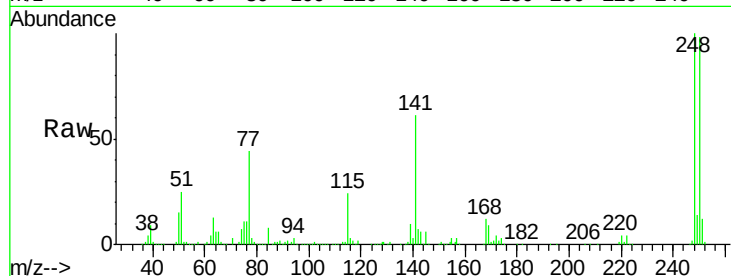
#67
 4-Bromophenyl-phenylether
 Concen: 42.763 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampled :
 TP-16-DMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.1	115.7
141	61.1	61.2	91.8#

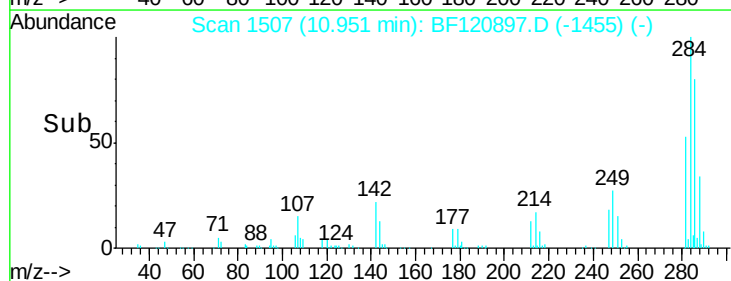
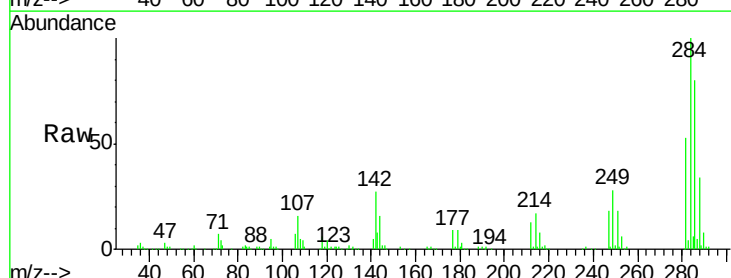
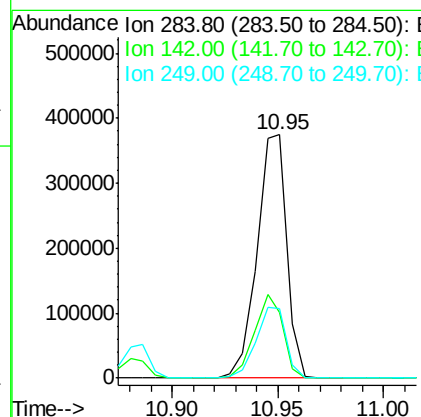
Manual Integrations
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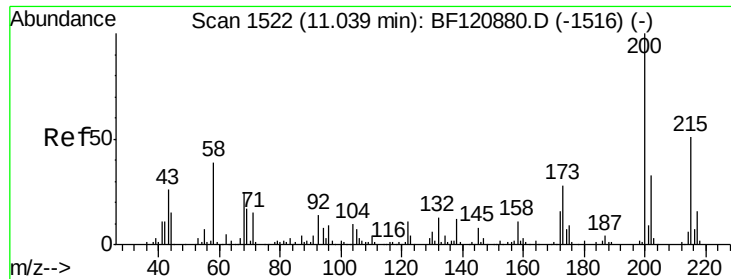
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.175 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	30.2	45.2#
249	28.3	24.2	36.2





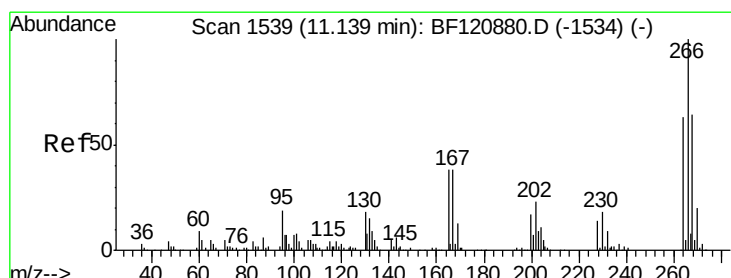
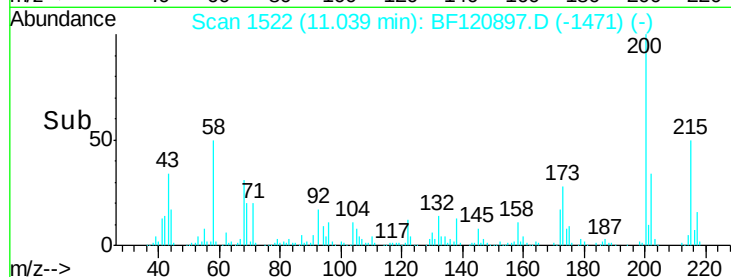
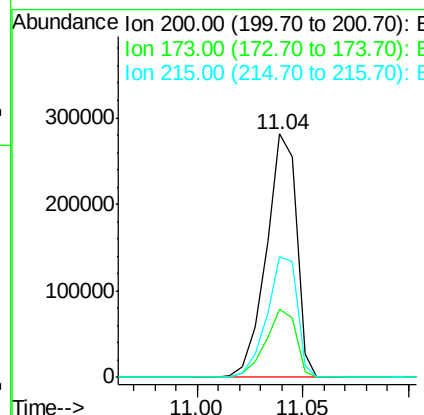
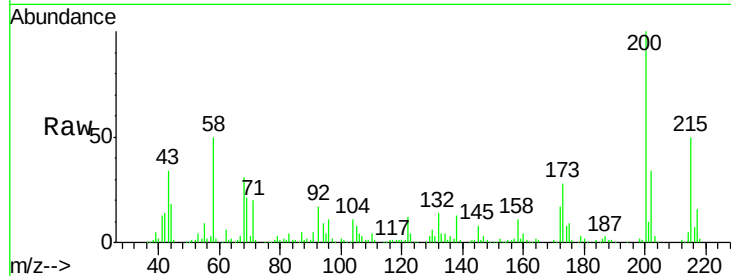
#69
Atrazine
Concen: 52.431 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	8.0	48.0
215	49.7	31.5	71.5

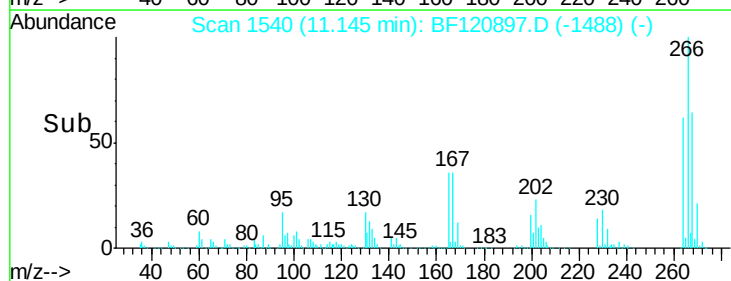
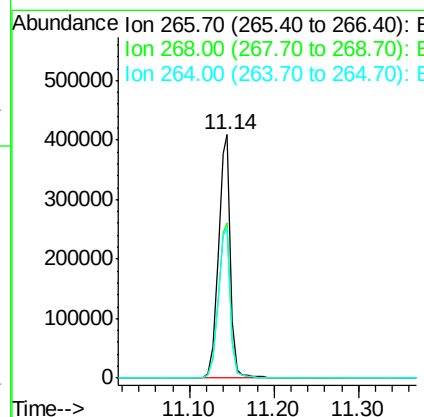
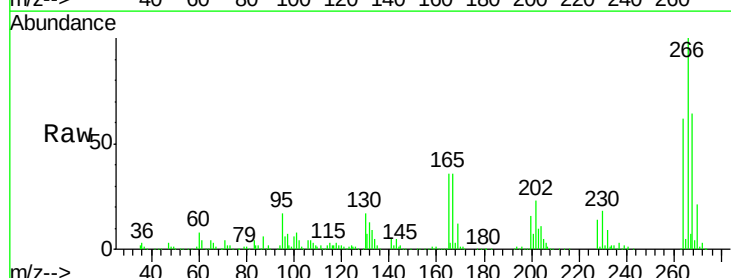
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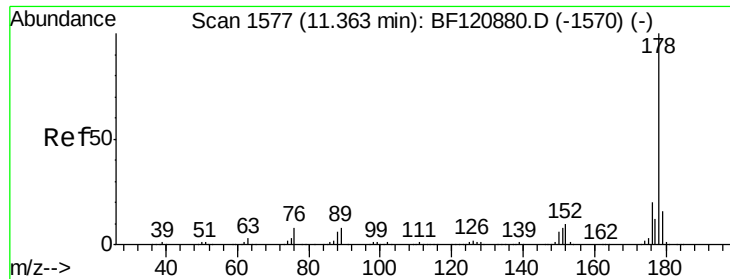
mohammad
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#70
Pentachlorophenol
Concen: 88.271 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	51.1	76.7
264	61.9	50.2	75.2





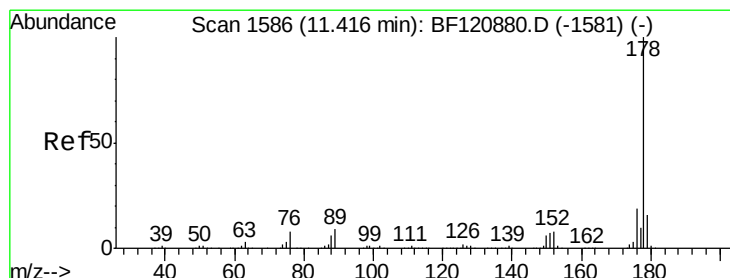
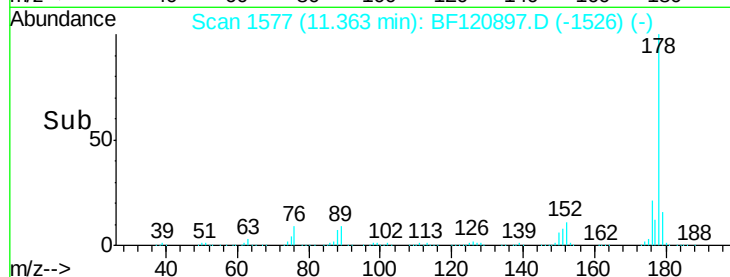
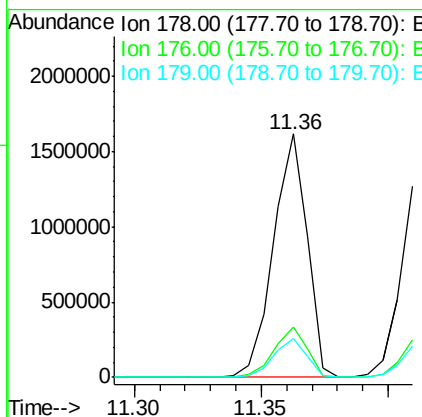
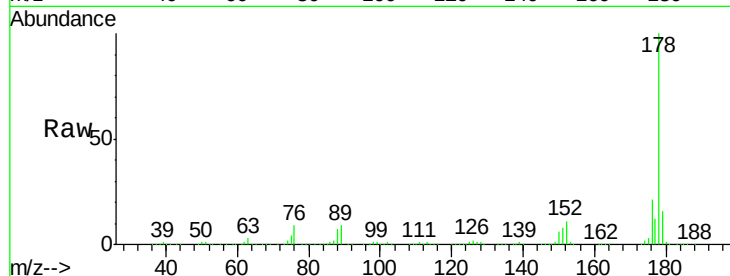
#71
Phenanthrene
Concen: 42.566 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion:178 Resp: 1505279
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.0 12.8 19.2

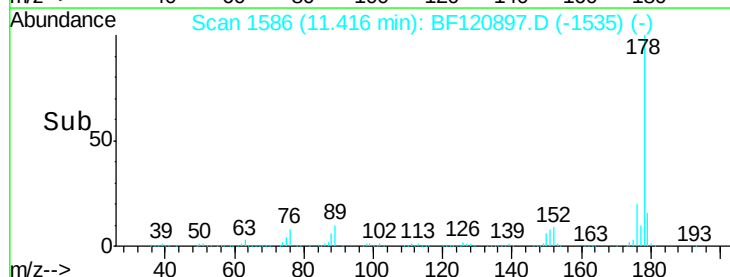
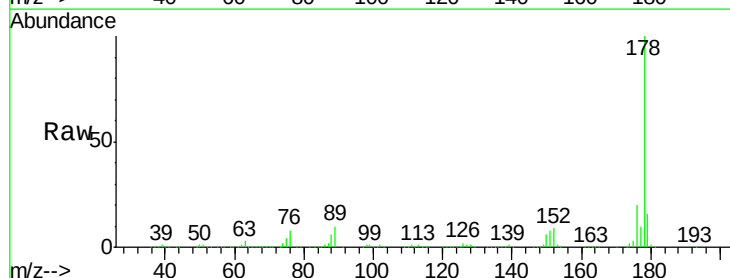
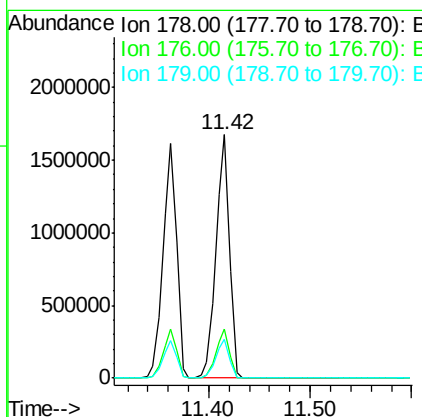
Manual Integrations
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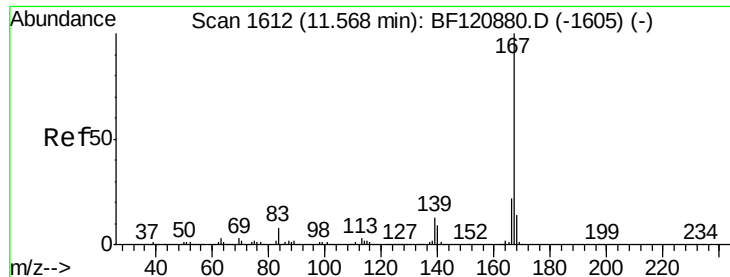
mohammad
7/17/2020 12:30:19 PM



#72
Anthracene
Concen: 43.528 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion:178 Resp: 1545680
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.2 12.8 19.2





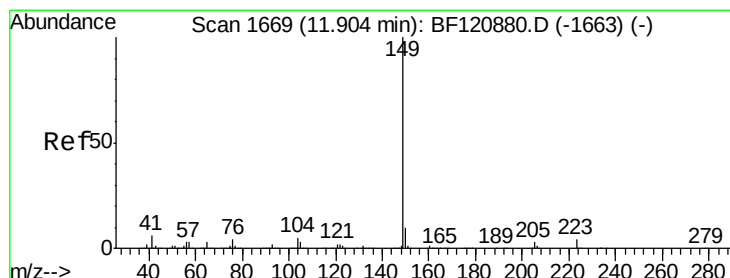
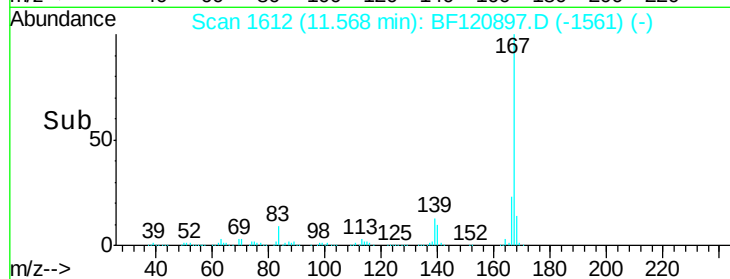
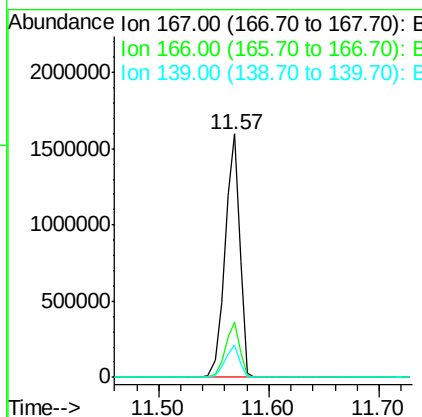
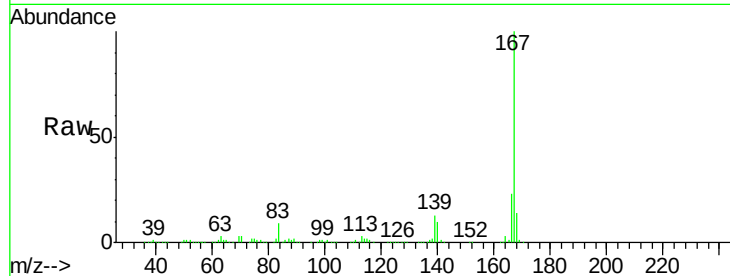
#73
 Carbazole
 Concen: 42.279 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion:167 Resp: 1489928
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.2 10.1 15.1

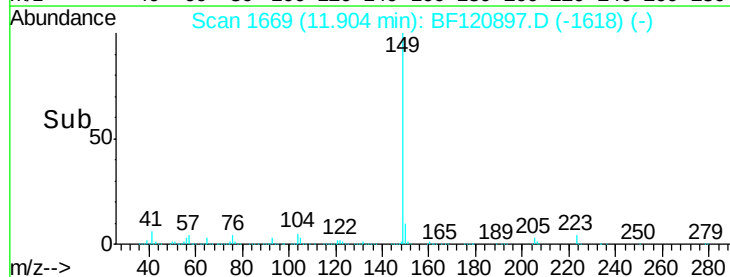
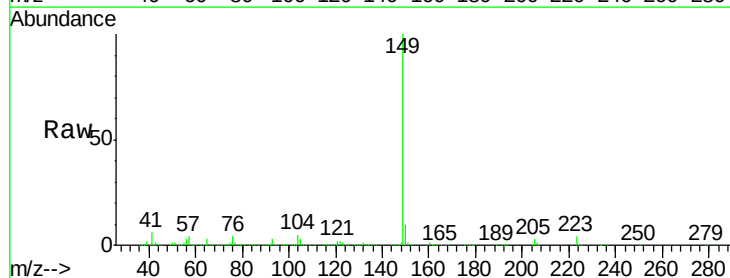
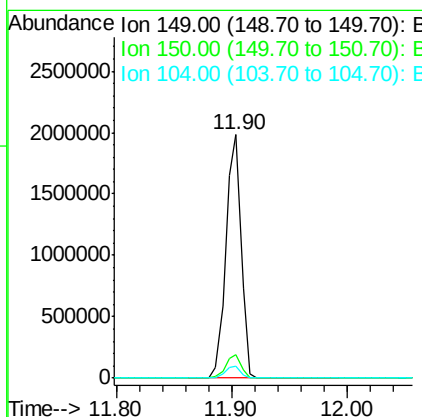
Manual Integrations
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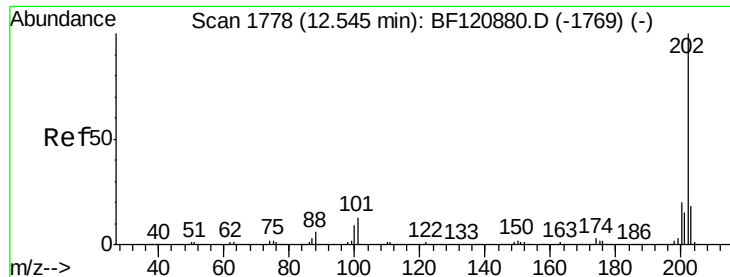
mohammad
 7/17/2020 12:30:19 PM



#74
 Di-n-butylphthalate
 Concen: 44.189 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion:149 Resp: 1797028
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.7 3.8 5.6





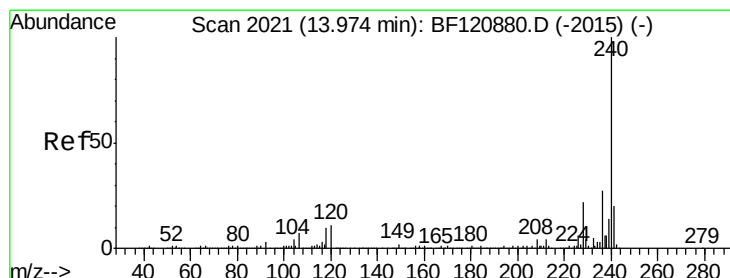
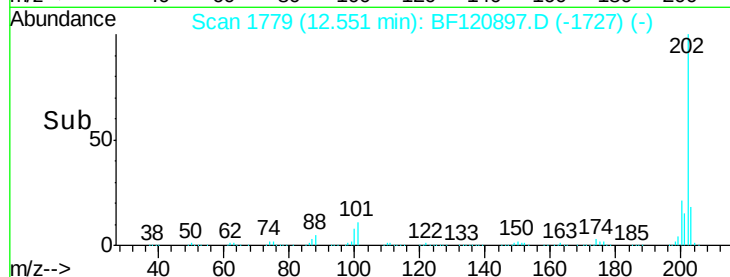
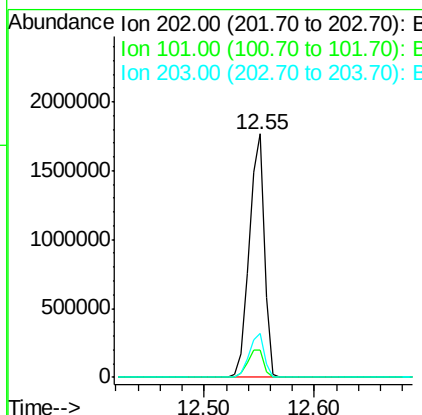
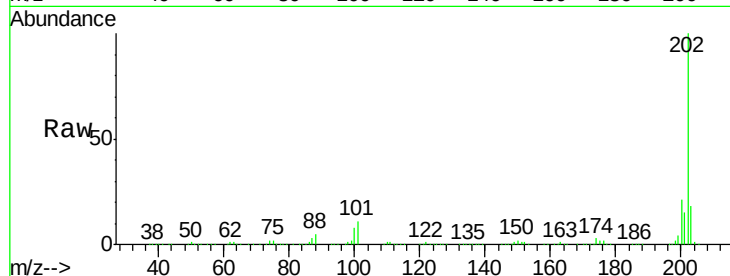
#75
 Fluoranthene
 Concen: 43.493 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.7
203	18.0	0.0	38.0

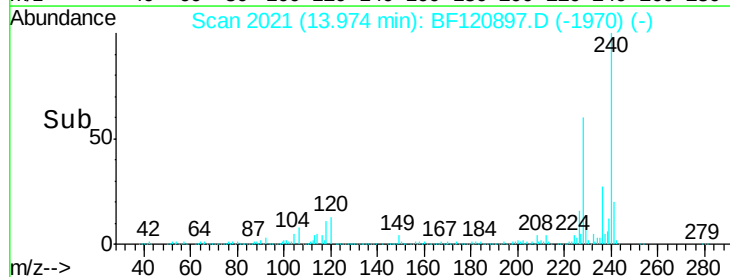
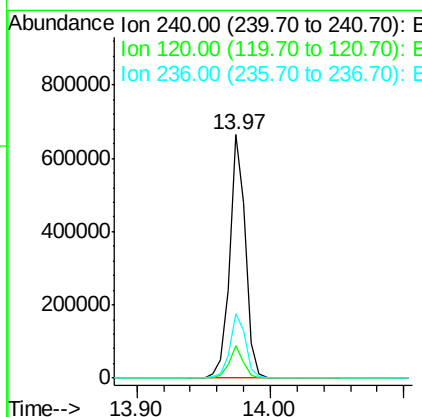
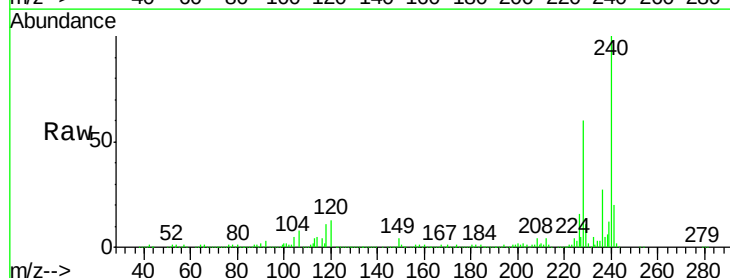
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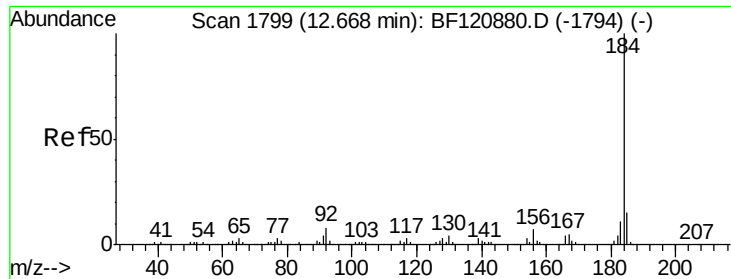
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.0	13.4
236	26.6	21.7	32.5





#77

Benzidine

Concen: 58.624 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

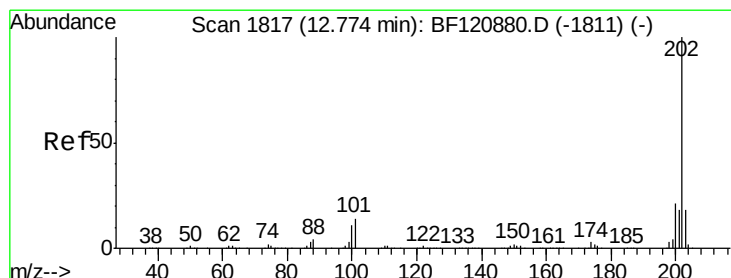
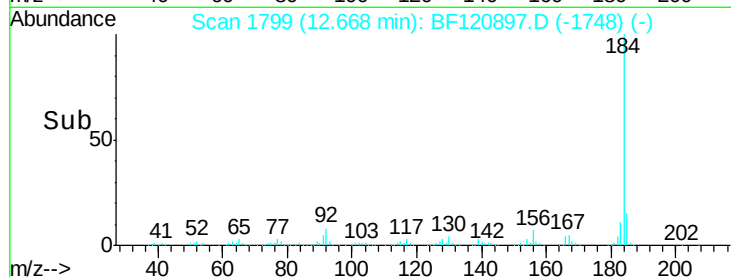
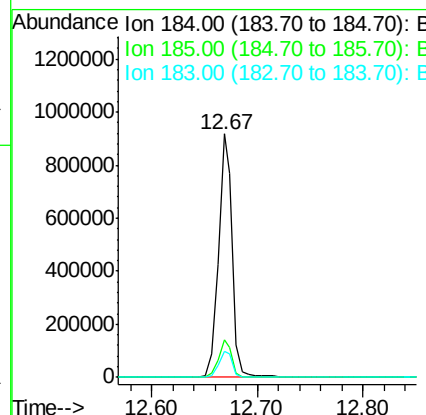
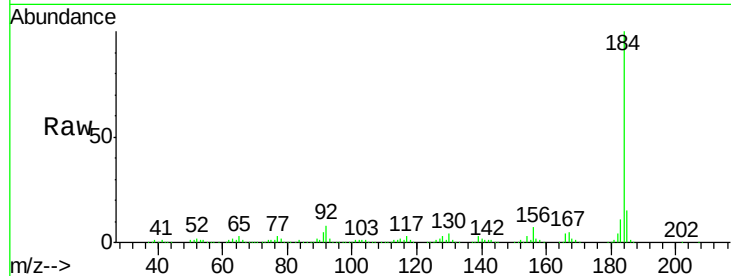
ClientSampleId :

TP-16-DMS

Tot Ion:	184	Resp:	845956
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	10.9	8.5	12.7

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#78

Pyrene

Concen: 44.790 ng

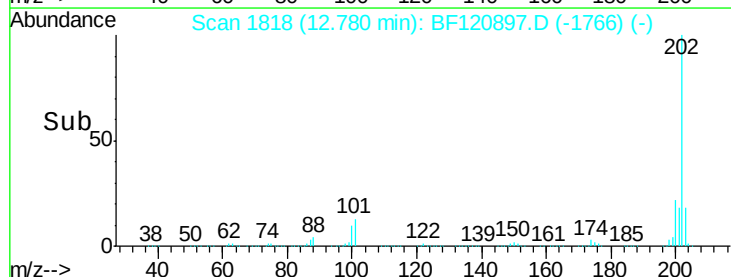
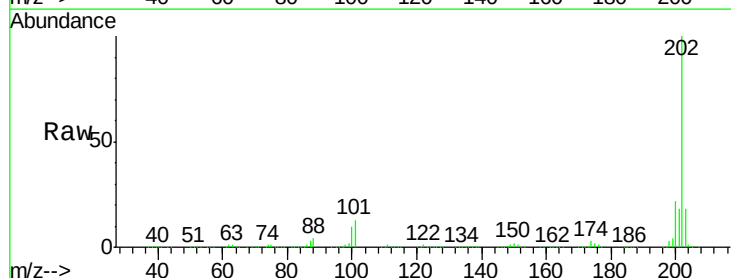
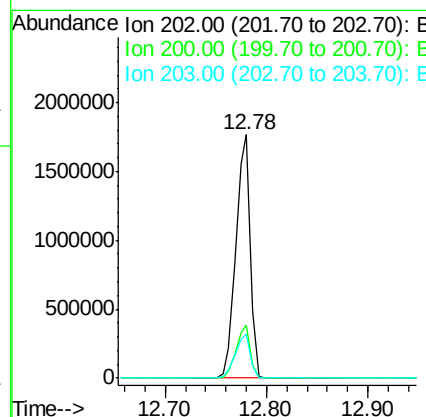
RT: 12.78 min Scan# 1818

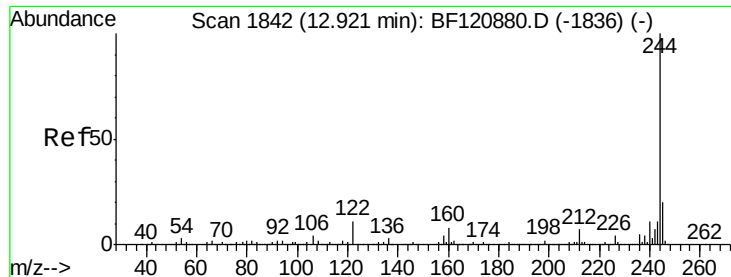
Delta R.T. 0.01 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Tgt Ion:	202	Resp:	1738022
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.0	25.4
203	18.3	14.4	21.6





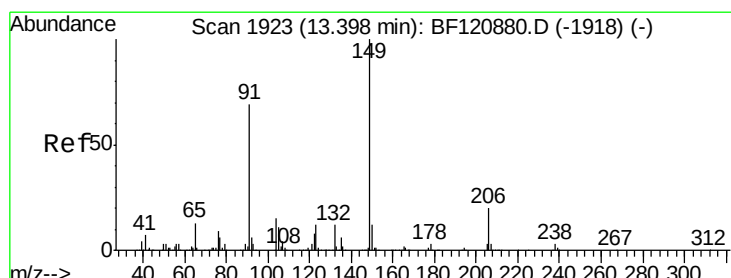
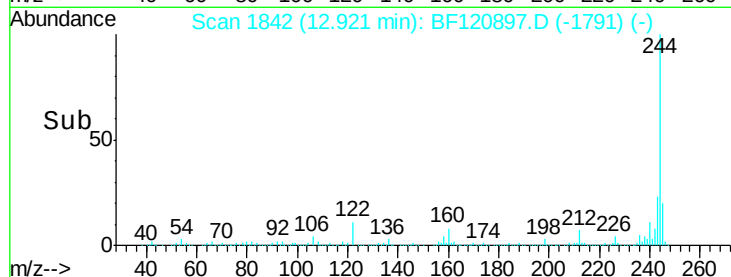
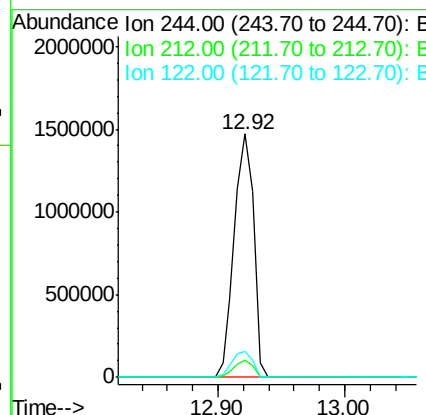
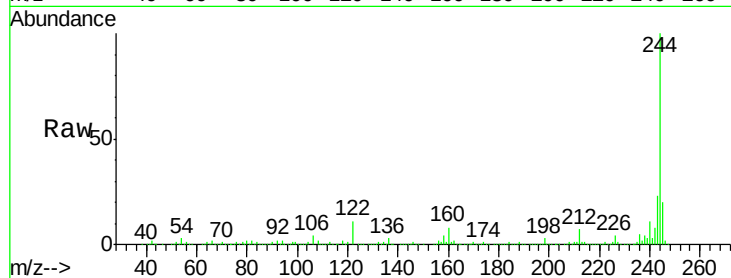
#79
 Terphenyl-d14
 Concen: 61.671 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion:244 Resp: 1557107
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.9 8.9 13.3

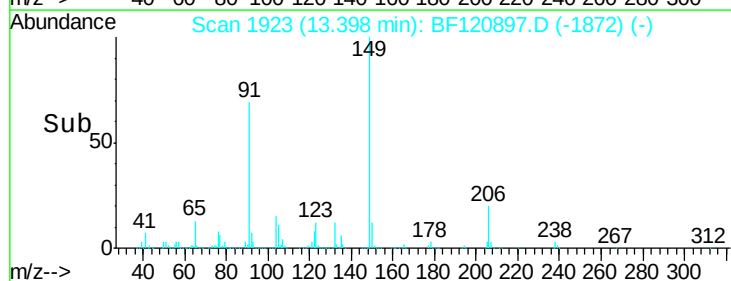
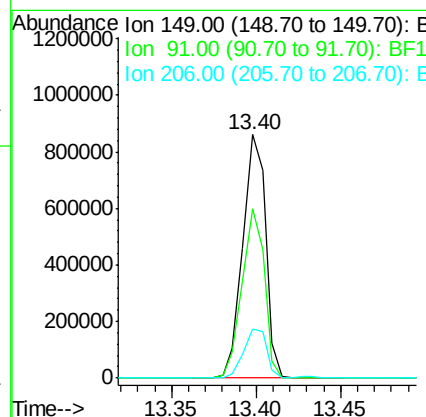
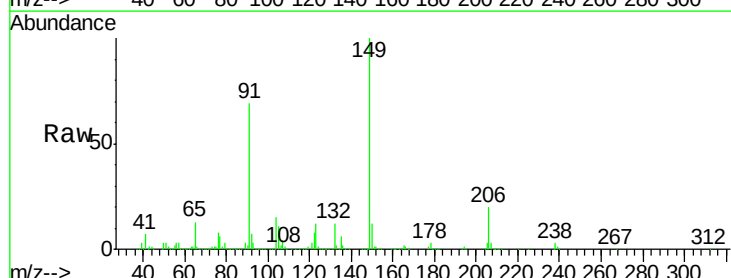
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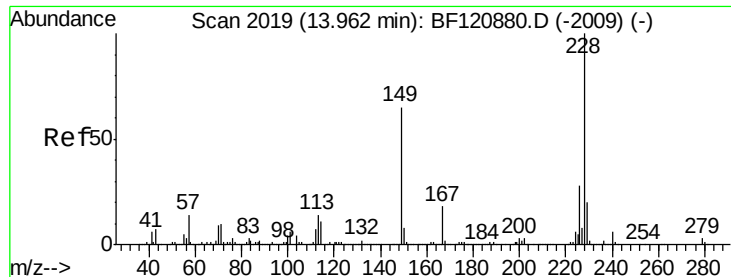
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#80
 Butylbenzylphthalate
 Concen: 47.007 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion:149 Resp: 813134
 Ion Ratio Lower Upper
 149 100
 91 69.3 55.1 82.7
 206 20.3 16.1 24.1





#81

Benzo(a)anthracene

Concen: 41.381 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TP-16-DMS

Tot Ion:228 Resp: 1375310

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

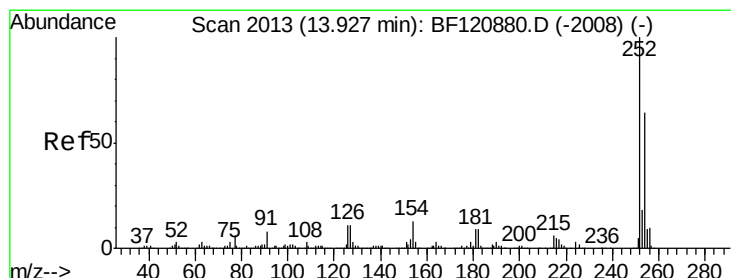
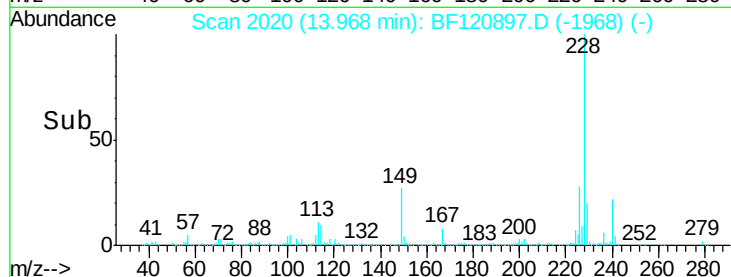
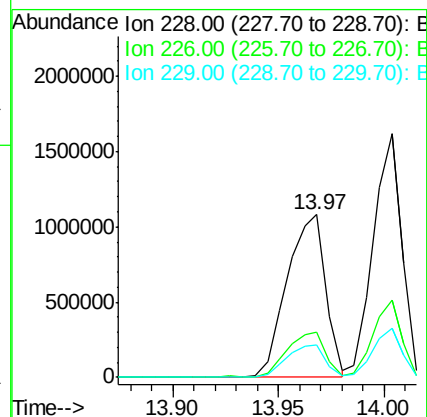
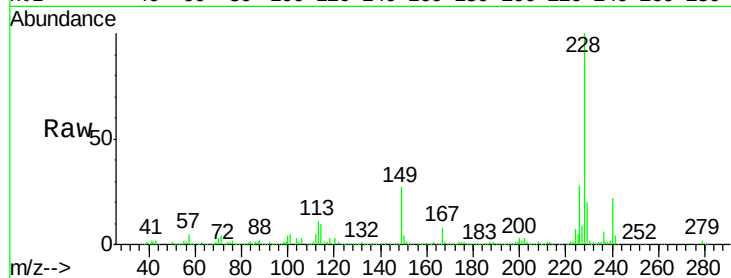
229 19.9 16.1 24.1

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#82

3,3'-Dichlorobenzidine

Concen: 30.394 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF120897.D

Acq: 16 Jul 2020 20:55

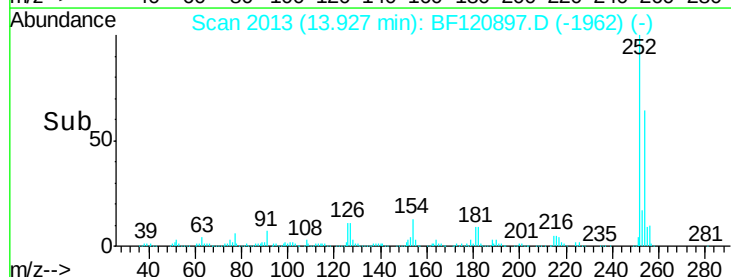
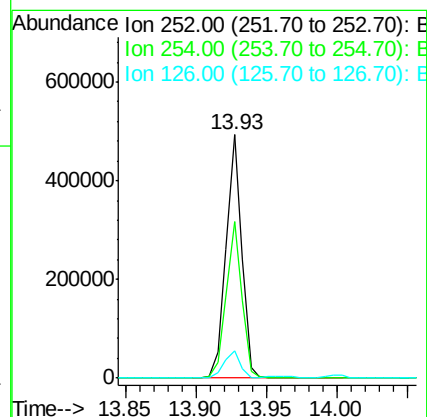
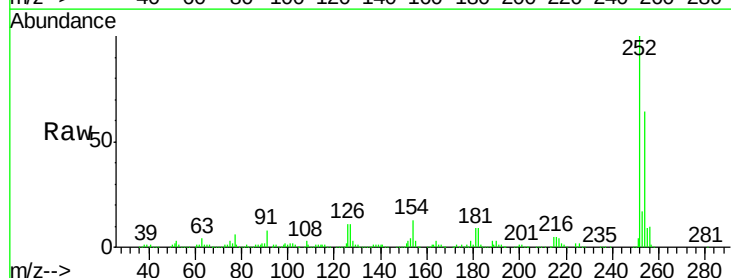
Tgt Ion:252 Resp: 381112

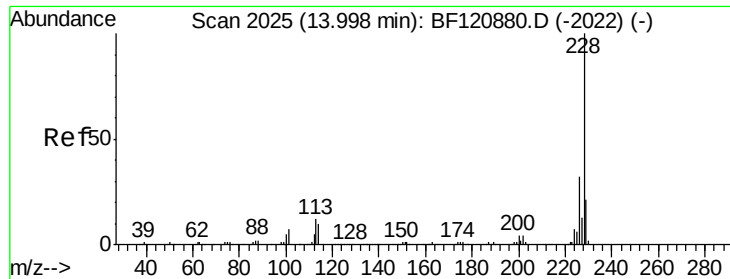
Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

126 11.4 8.7 13.1





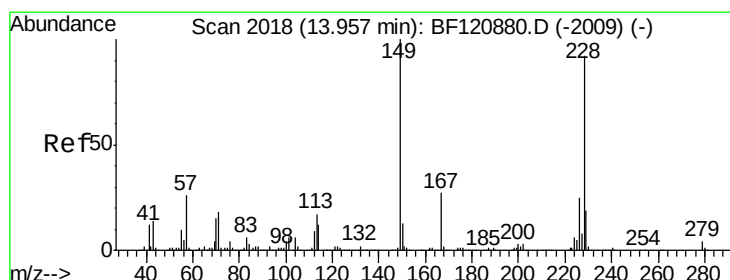
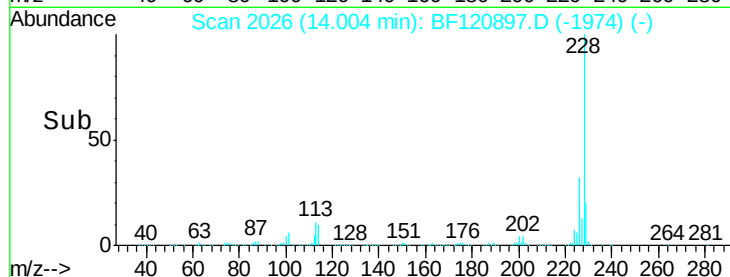
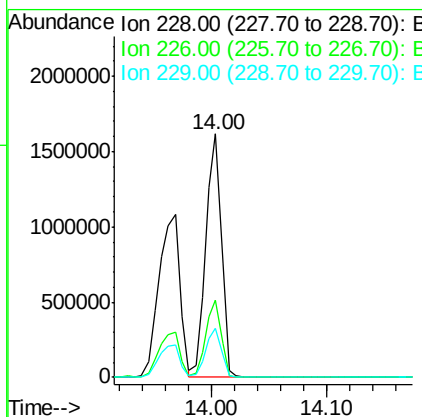
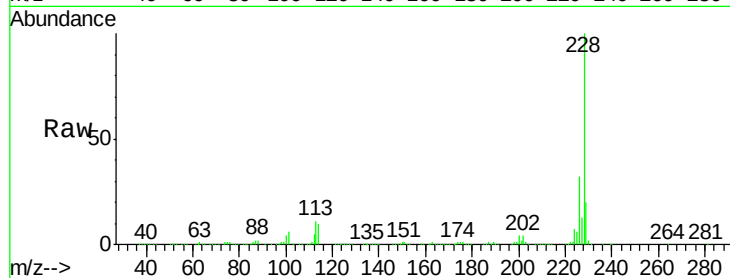
#83
 Chrysene
 Concen: 43.717 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMS

Tot Ion:228 Resp: 1526909
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.6 38.4
 229 20.2 16.8 25.2

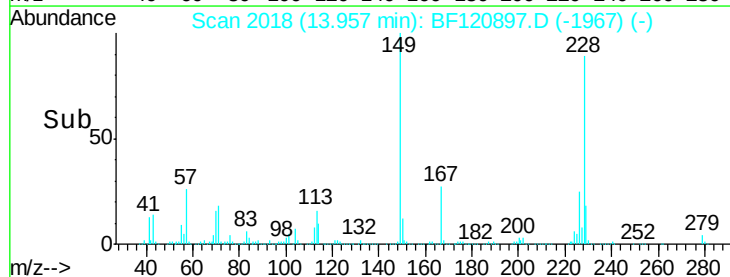
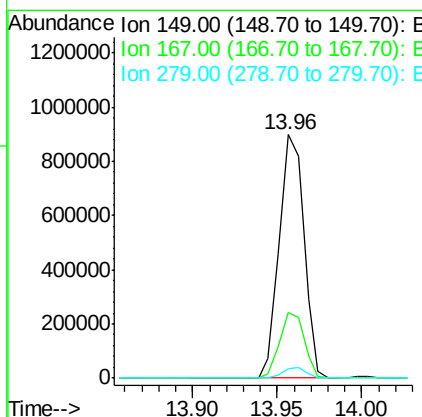
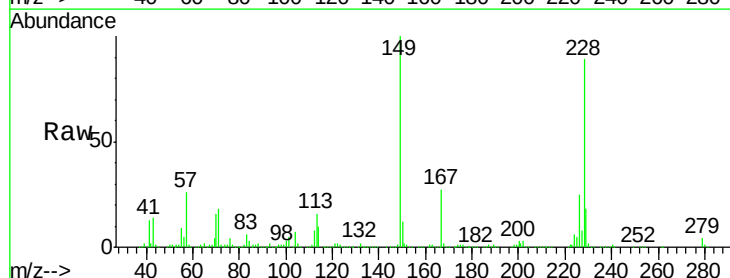
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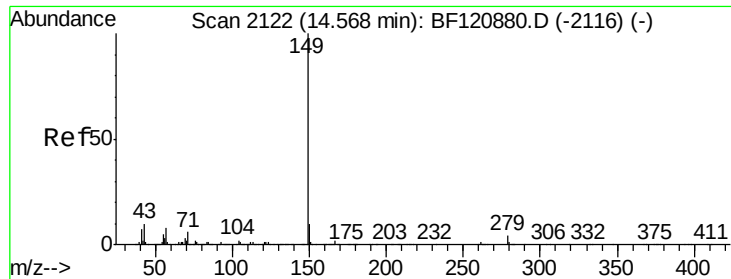
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.630 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF120897.D
 Acq: 16 Jul 2020 20:55

Tgt Ion:149 Resp: 909337
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.9 32.9
 279 3.8 3.0 4.4





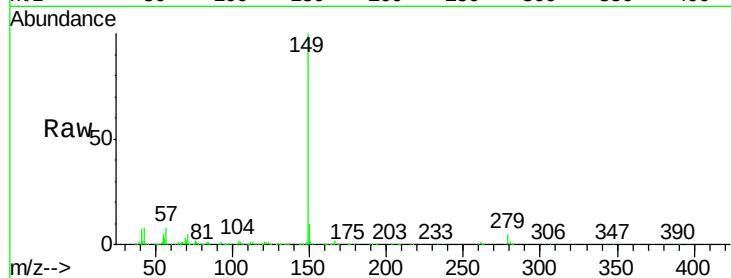
#85
Di-n-octyl phthalate
Concen: 45.115 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

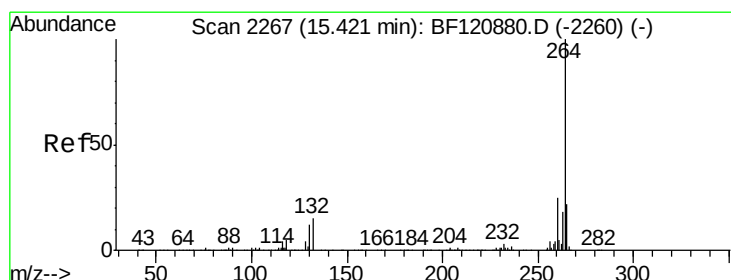
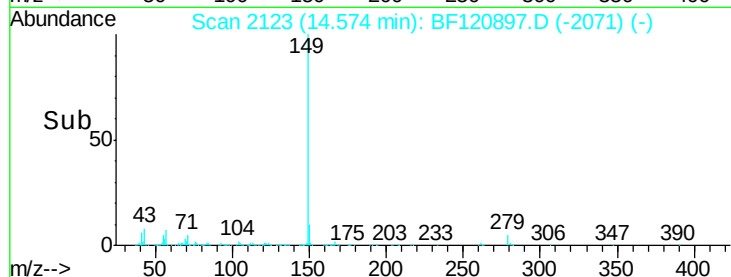
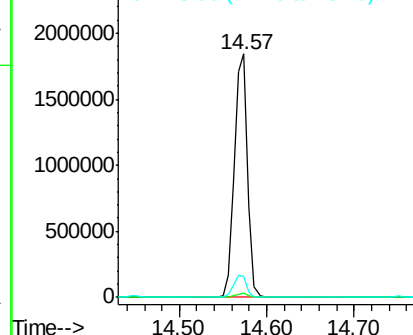
Tot Ion	Ion	Ratio	Lower	Upper
1914585	149	100		
	167	1.6	1.3	1.9
	43	9.1	7.6	11.4

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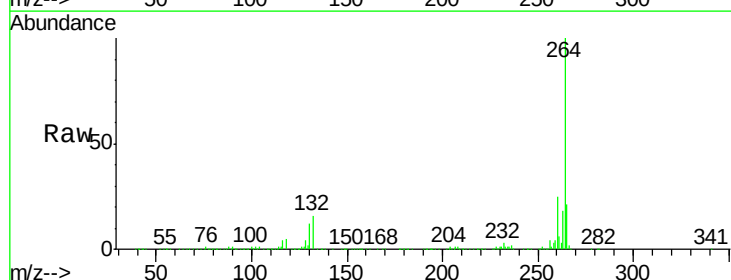


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

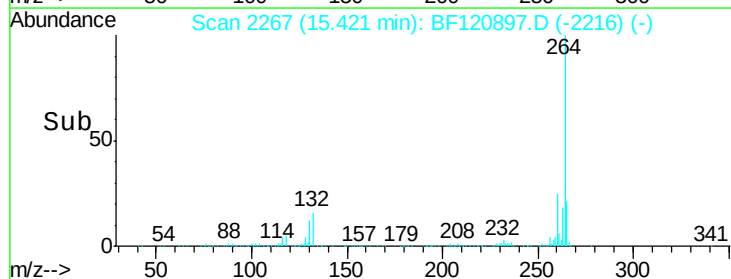
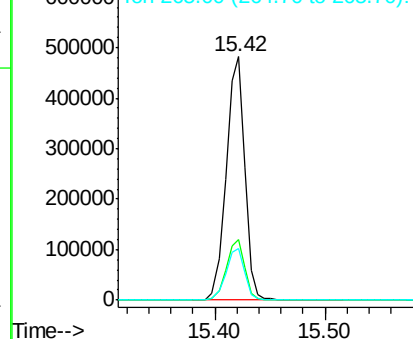


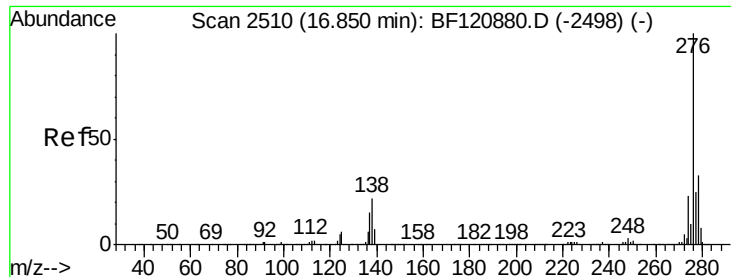
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ion	Ratio	Lower	Upper
565003	264	100		
	260	24.7	20.0	30.0
	265	21.2	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





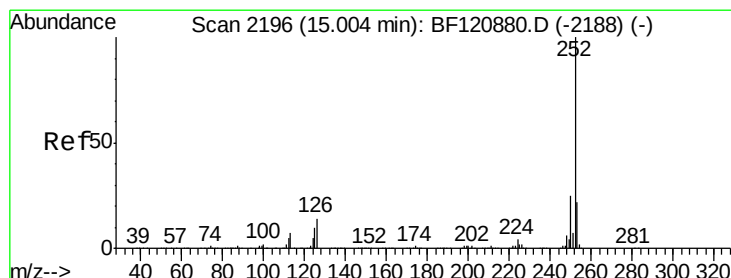
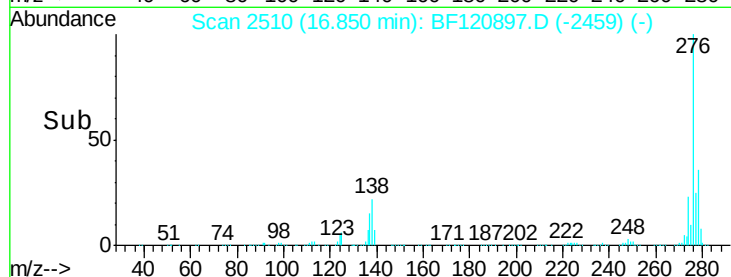
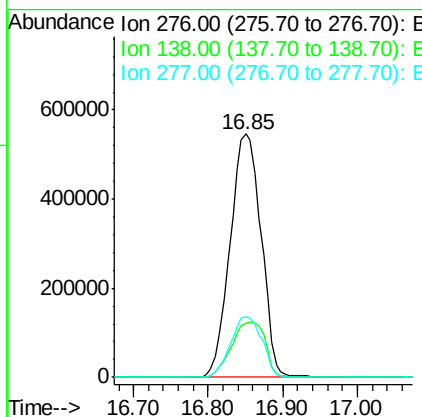
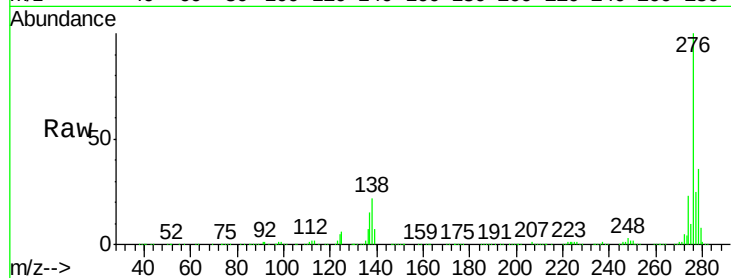
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.099 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.8
277	25.5	20.2	30.2

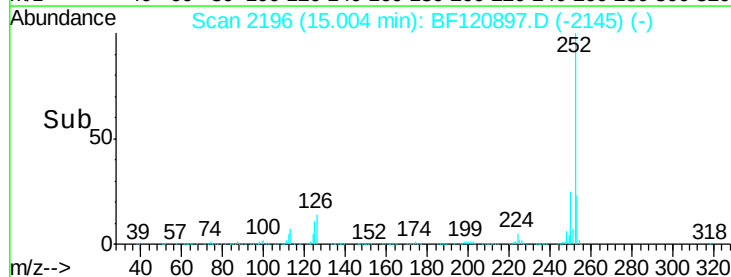
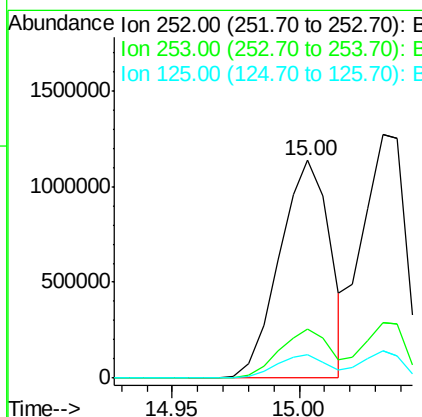
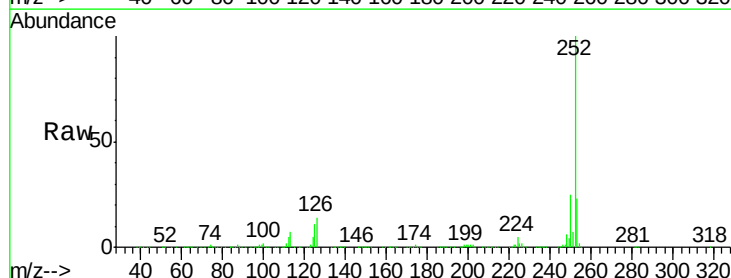
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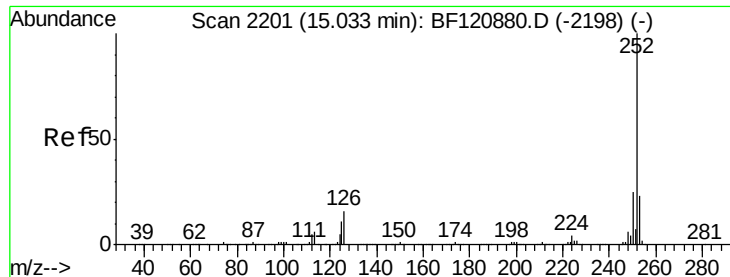
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#88
Benzo(b)fluoranthene
Concen: 46.093 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.7	8.3	12.5





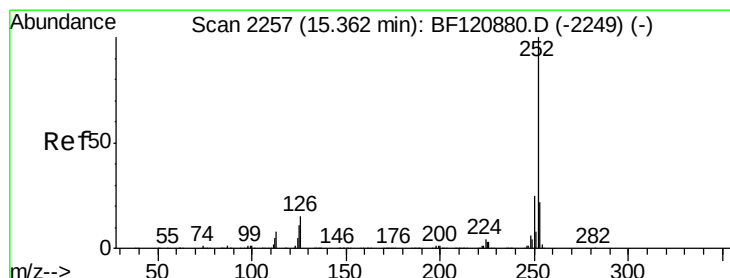
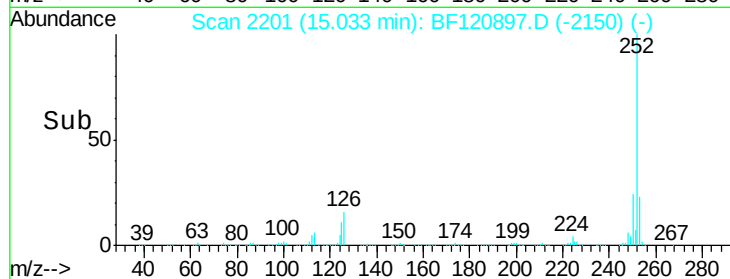
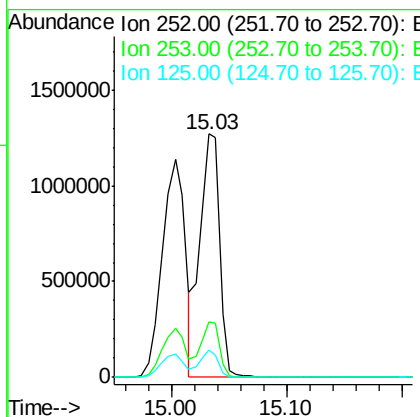
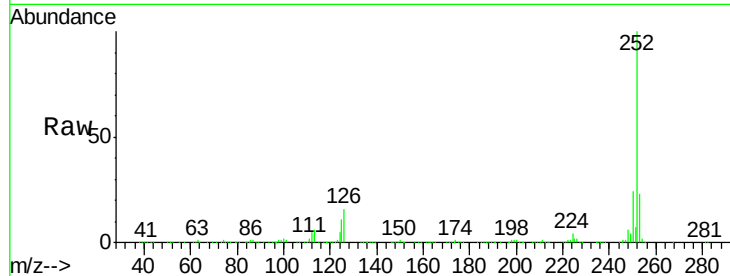
#89
Benzo(k)fluoranthene
Concen: 48.753 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.0	8.4	12.6

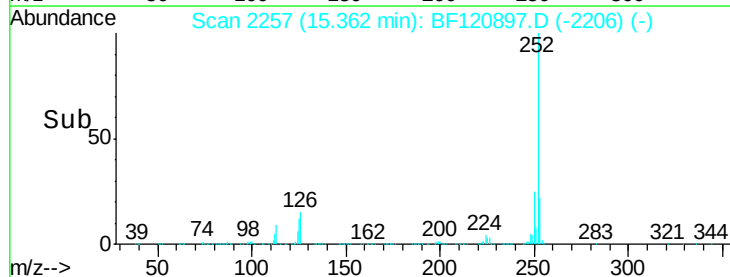
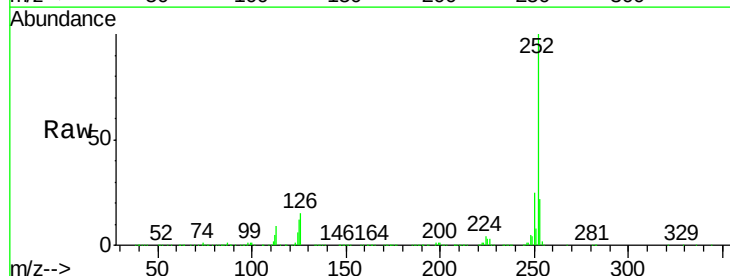
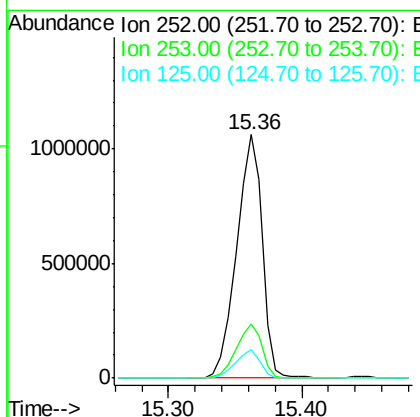
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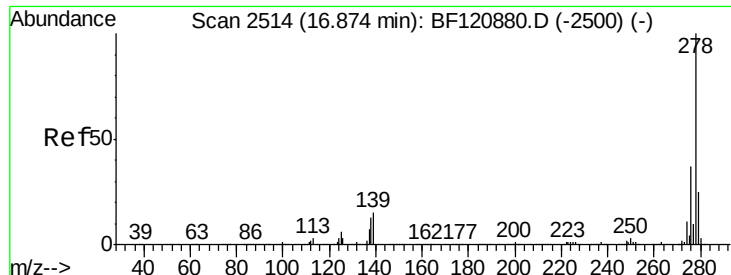
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#90
Benzo(a)pyrene
Concen: 45.318 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.7	8.9	13.3





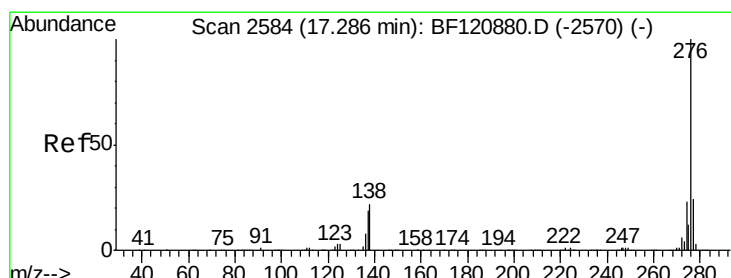
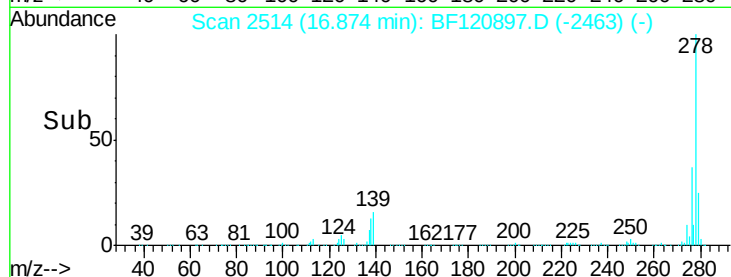
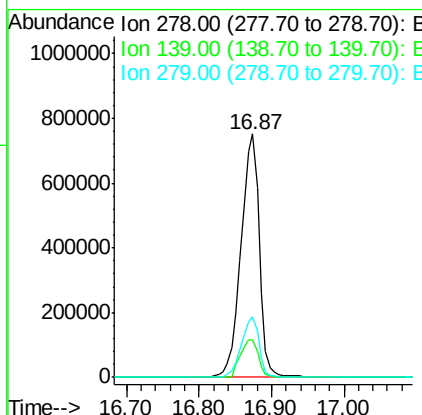
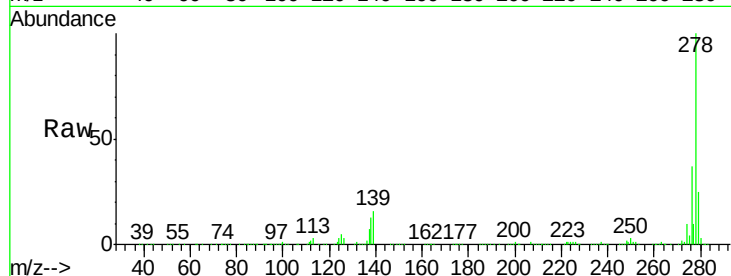
#91
Dibenzo(a,h)anthracene
Concen: 41.207 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	24.7	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 39.137 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF120897.D
Acq: 16 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.0	17.5	26.3

