

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119189.D
 Acq On : 4 Mar 2020 12:28
 Operator : CG/JU
 Sample : L1744-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations
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Quant Time: Mar 04 13:42:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	134026	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	517160	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	289033	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	520498	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298988	20.00	ng	0.00
87) Perylene-d12	15.33	264	270667	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	698719	87.12	ng	0.00
7) Phenol-d6	6.39	99	837685	85.88	ng	-0.01
23) Nitrobenzene-d5	7.30	82	567857	57.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	302042	79.88	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1137352	57.97	ng	-0.01
79) Terphenyl-d14	12.84	244	1293846	74.50	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	136717	38.289	ng	98
3) Pyridine	3.23	79	335264	34.380	ng	99
4) n-Nitrosodimethylamine	3.18	42	138398	46.850	ng	98
6) Aniline	6.40	93	405864	33.723	ng	96
8) 2-Chlorophenol	6.53	128	435635	50.334	ng	99
9) Benzaldehyde	6.29	77	334097	51.269	ng	97
10) Phenol	6.41	94	505571	47.942	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	384232	47.620	ng	97
12) 1,3-Dichlorobenzene	6.68	146	471566	45.459	ng	97
13) 1,4-Dichlorobenzene	6.76	146	476821	45.934	ng	99
14) 1,2-Dichlorobenzene	6.91	146	442707	46.762	ng	99
15) Benzyl Alcohol	6.89	79	361819	51.327	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	315319	45.113	ng	# 37
17) 2-Methylphenol	7.01	107	343794	48.994	ng	98
18) Hexachloroethane	7.25	117	170507	45.911	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	287692	50.619	ng	99
20) 3+4-Methylphenols	7.16	107	437583	50.900	ng	94
22) Acetophenone	7.15	105	572715	47.863	ng	# 95
24) Nitrobenzene	7.33	77	445684	46.013	ng	100
25) Isophorone	7.57	82	803412	47.230	ng	99
26) 2-Nitrophenol	7.65	139	241342	47.026	ng	98
27) 2,4-Dimethylphenol	7.69	122	364808	52.376	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	483897	43.704	ng	100
29) 2,4-Dichlorophenol	7.89	162	374268	45.644	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	418290	43.026	ng	98
31) Naphthalene	8.05	128	1232200	45.942	ng	99
32) Benzoic acid	7.85	122	178677	36.944	ng	100
33) 4-Chloroaniline	8.10	127	243262	21.088	ng	98
34) Hexachlorobutadiene	8.16	225	257359	42.498	ng	97
35) Caprolactam	8.48	113	108991m	43.168	ng	
36) 4-Chloro-3-methylphenol	8.60	107	393690	47.441	ng	100
37) 2-Methylnaphthalene	8.73	142	847684	46.964	ng	100
38) 1-Methylnaphthalene	8.83	142	793189	46.727	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	421452	43.248	ng	100

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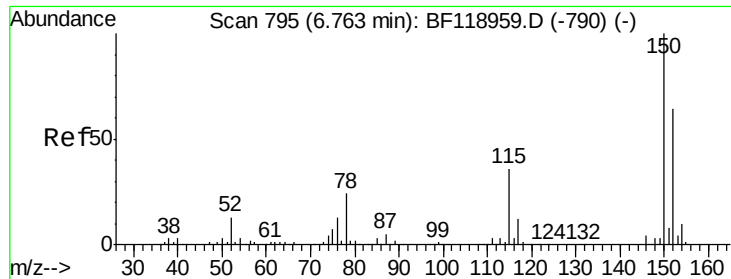
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	228085	66.144	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	266000	43.225	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	280454	43.430	nq	98
46) 1,1'-Biphenyl	9.20	154	1024648	43.864	nq	98
47) 2-Chloronaphthalene	9.23	162	818504	43.481	nq	97
48) 2-Nitroaniline	9.33	65	229030	43.621	nq	99
49) Acenaphthylene	9.64	152	1255399	46.175	nq	99
50) Dimethylphthalate	9.50	163	1083943	49.043	nq	99
51) 2,6-Dinitrotoluene	9.57	165	223082	45.431	nq #	84
52) Acenaphthene	9.81	154	735745	44.879	nq	99
53) 3-Nitroaniline	9.74	138	120704	22.173	nq	99
54) 2,4-Dinitrophenol	9.86	184	171815	72.741	nq #	91
55) Dibenzofuran	9.99	168	1084913	44.337	nq	97
56) 4-Nitrophenol	9.93	139	197158	60.280	nq	89
57) 2,4-Dinitrotoluene	9.98	165	276118	43.382	nq	91
58) Fluorene	10.33	166	878771	46.216	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	231474	42.481	nq	99
60) Diethylphthalate	10.20	149	965147	46.338	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	462430	45.946	nq	98
62) 4-Nitroaniline	10.36	138	206442	37.066	nq	95
63) Azobenzene	10.47	77	851342	47.025	nq	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	149584	47.493	nq	99
66) n-Nitrosodiphenylamine	10.44	169	793928	46.584	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	302673	44.487	nq	96
68) Hexachlorobenzene	10.88	284	346553	44.180	nq	97
69) Atrazine	10.97	200	265134	44.526	nq	98
70) Pentachlorophenol	11.08	266	255912	80.989	nq	99
71) Phenanthrene	11.29	178	1275912	44.950	nq	99
72) Anthracene	11.34	178	1329830	46.888	nq	99
73) Carbazole	11.50	167	1115884	44.164	nq	98
74) Di-n-butylphthalate	11.82	149	1455407	47.565	nq	98
75) Fluoranthene	12.47	202	1289316	42.791	nq	99
77) Benzidine	12.59	184	549505	45.191	nq	98
78) Pyrene	12.70	202	1278157	53.238	nq	99
80) Butylbenzylphthalate	13.31	149	558921	55.314	nq	94
81) Benzo(a)anthracene	13.89	228	966366	47.436	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	252100	31.869	nq	98
83) Chrysene	13.93	228	910037	44.832	nq	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	764644	59.899	nq	98
85) Di-n-octyl phthalate	14.48	149	1121634	55.146	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	970498	49.377	nq	100
88) Benzo(b)fluoranthene	14.92	252	800638	44.877	nq	99
89) Benzo(k)fluoranthene	14.95	252	795036	48.086	nq	99
90) Benzo(a)pyrene	15.27	252	719208	44.666	nq	97
91) Dibenzo(a,h)anthracene	16.75	278	815221	57.540	nq	99
92) Benzo(g,h,i)perylene	17.17	276	816298	58.313	nq	99

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



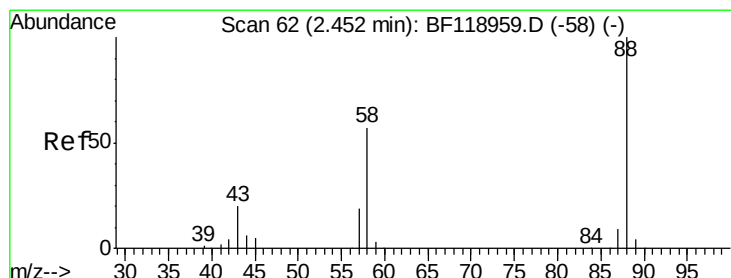
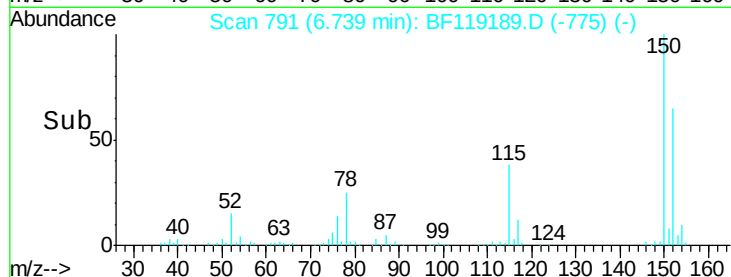
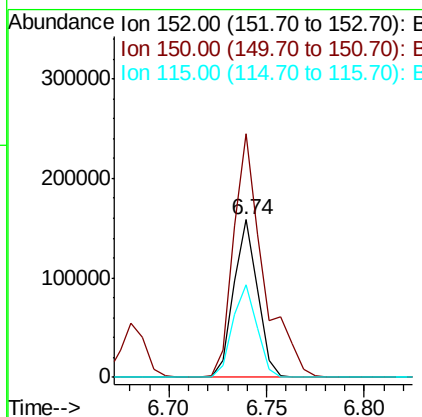
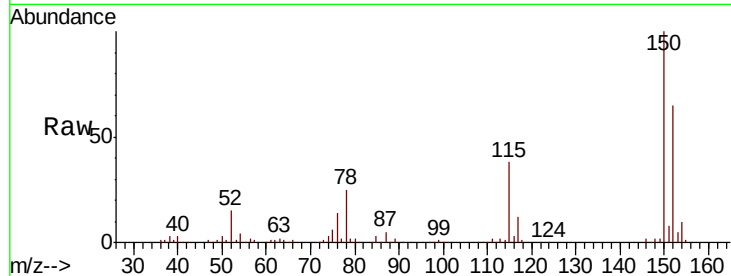
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.6
115	58.6	49.5	74.3

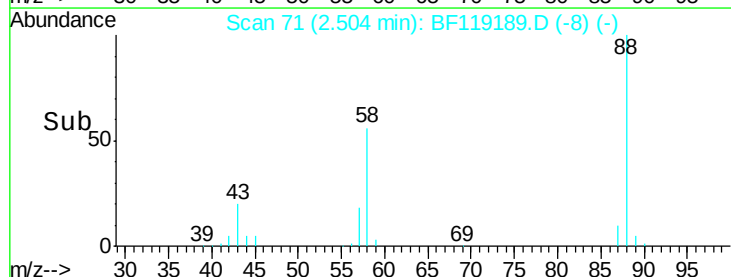
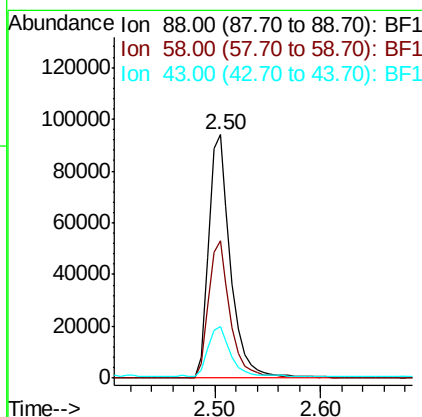
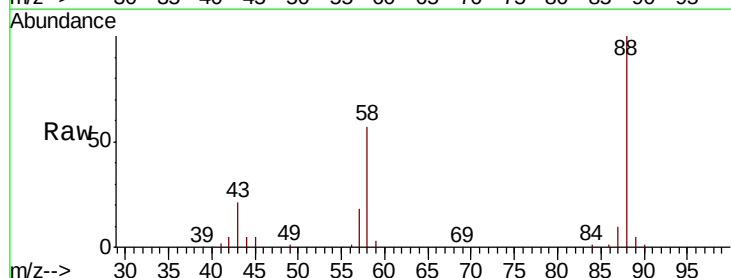
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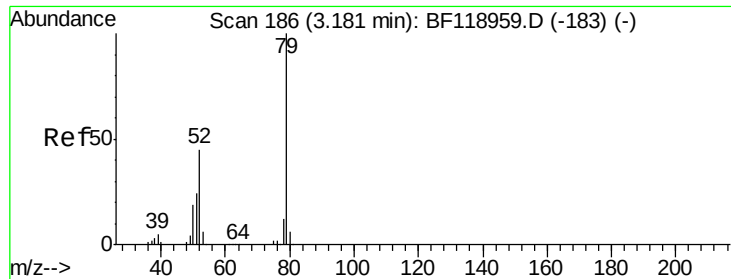
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#2
 1,4-Dioxane
 Concen: 38.289 ng
 RT: 2.50 min Scan# 71
 Delta R.T. 0.07 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.4	43.8	65.6
43	21.1	16.2	24.4





#3

Pvridine

Concen: 34.380 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.07 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

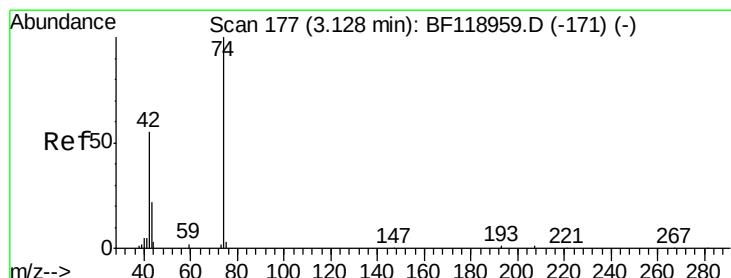
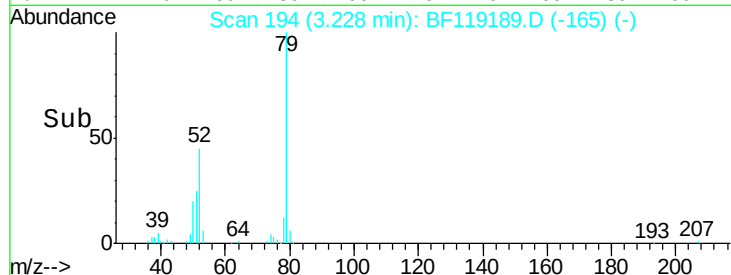
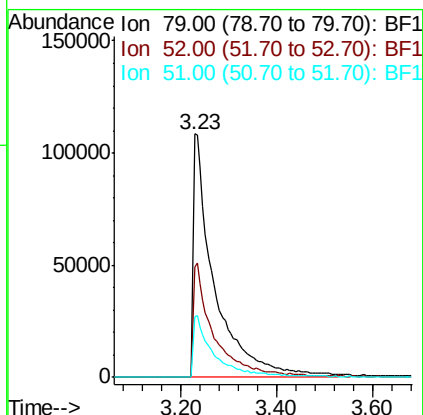
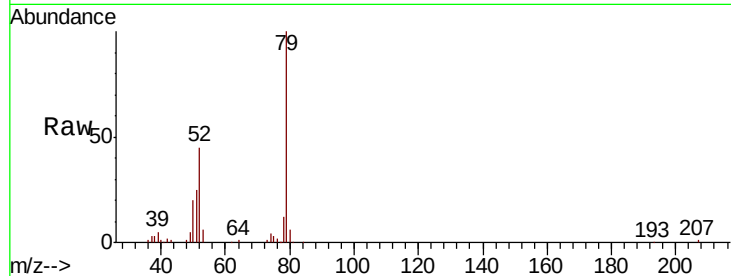
ClientSampleId :

TP-1MS

Tot Ion:	79	Resp:	335264
Ion	Ratio	Lower	Upper
79	100		
52	45.4	37.4	56.0
51	24.7	19.8	29.6

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#4

n-Nitrosodimethylamine

Concen: 46.850 ng

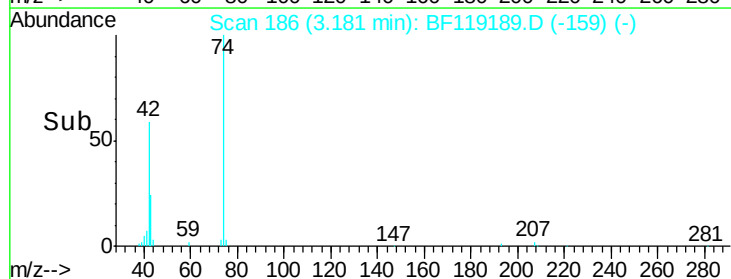
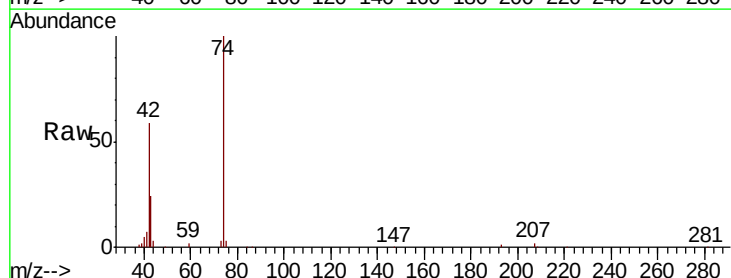
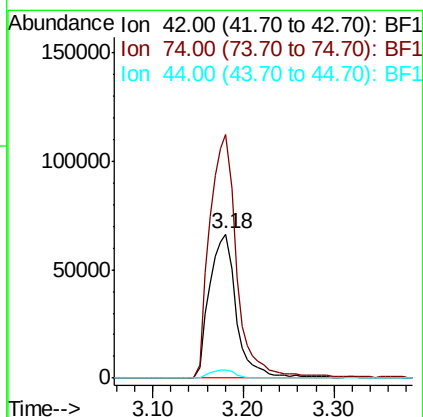
RT: 3.18 min Scan# 186

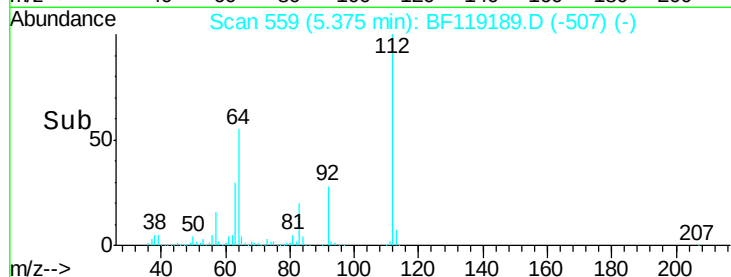
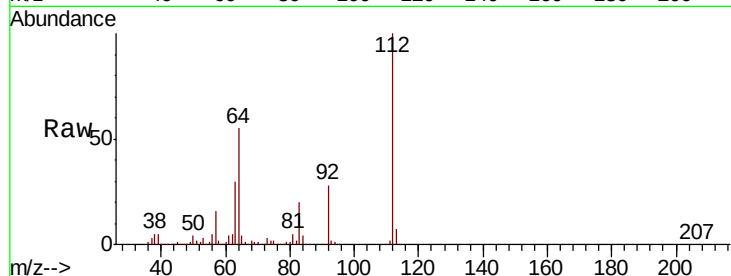
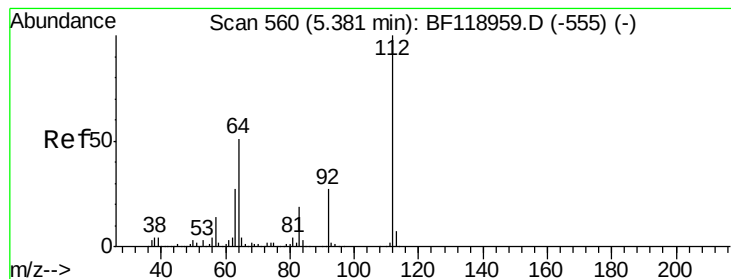
Delta R.T. 0.06 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	42	Resp:	138398
Ion	Ratio	Lower	Upper
42	100		
74	168.8	137.7	206.5
44	5.2	4.5	6.7





#5

2-Fluorophenol

Concen: 87.124 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		698719		
64	54.7	45.0	67.4		
63	29.7	24.2	36.4		

Instrument :

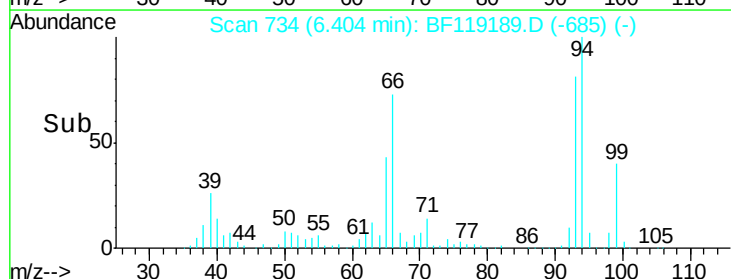
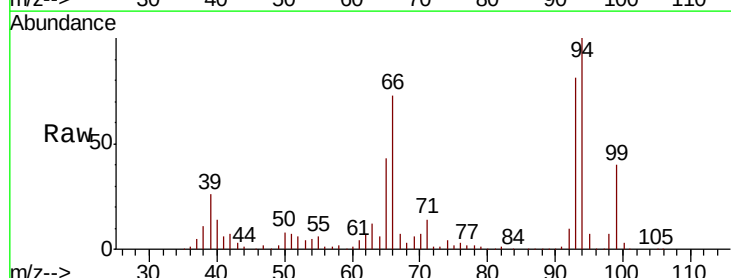
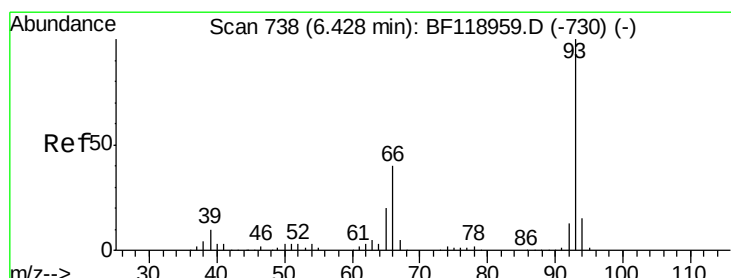
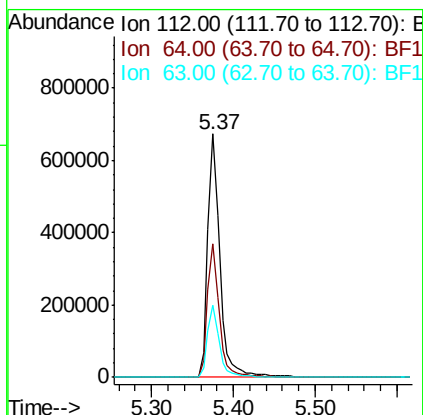
BNA_F

ClientSampleId :

TP-1MS

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#6

Aniline

Concen: 33.723 ng

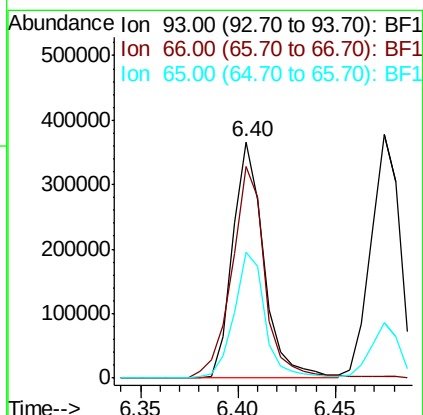
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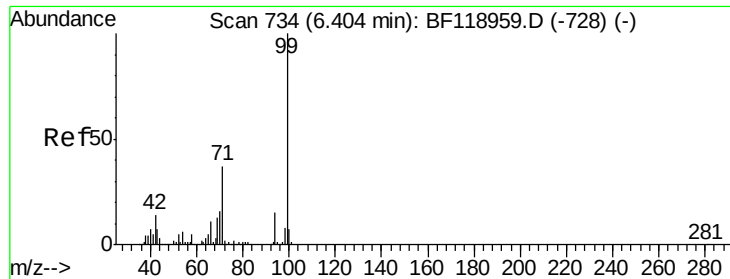
Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		405864		
66	89.8	74.5	111.7		
65	53.2	45.3	67.9		





#7

Phenol-d6

Concen: 85.885 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

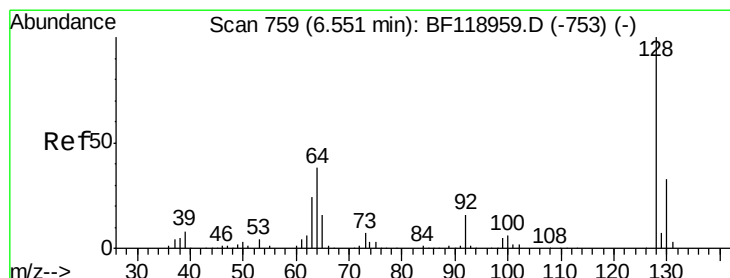
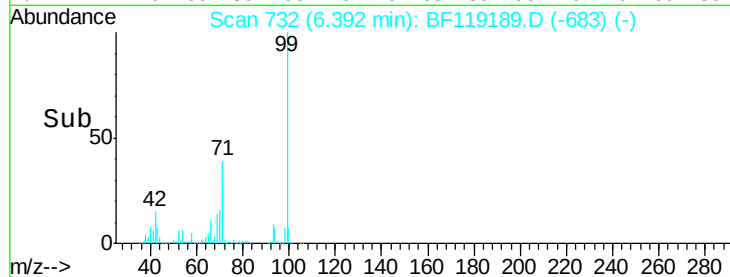
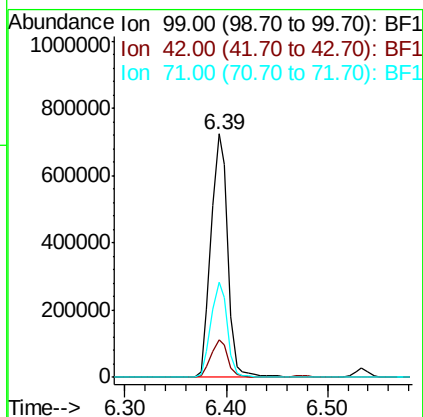
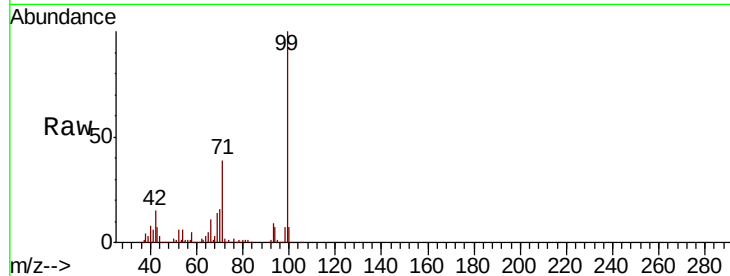
ClientSampled :

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Tot Ion:	99	Resp:	837685
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.6	18.8
71	39.1	31.0	46.4

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#8

2-Chlorophenol

Concen: 50.334 ng

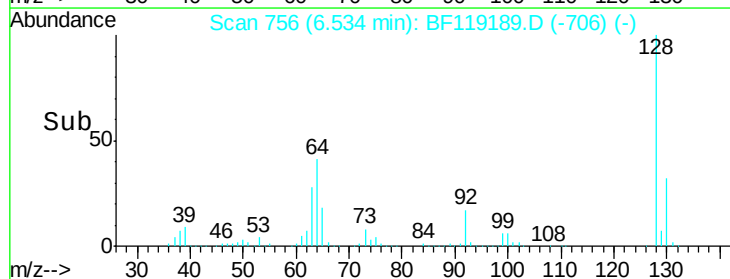
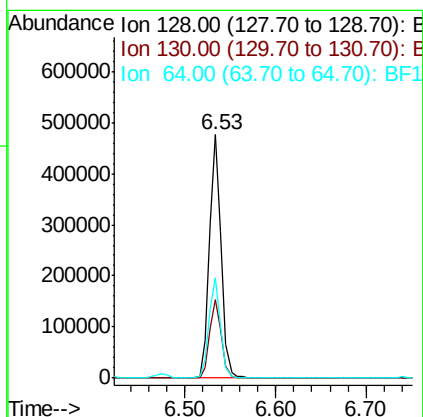
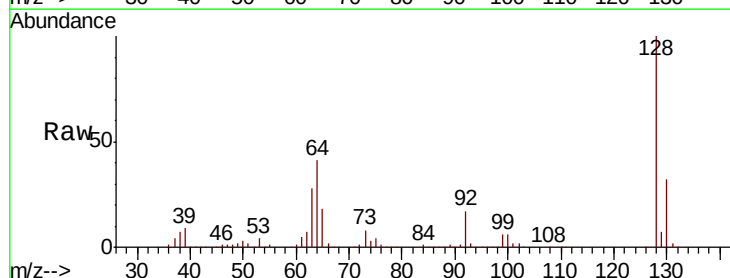
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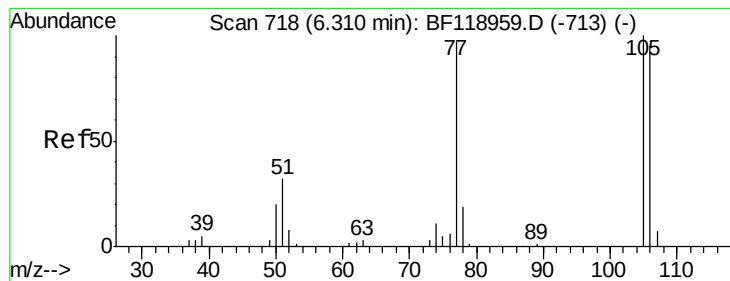
Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	128	Resp:	435635
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.7	52.7
64	41.4	22.3	62.3





#9

Benzaldehyde

Concen: 51.269 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

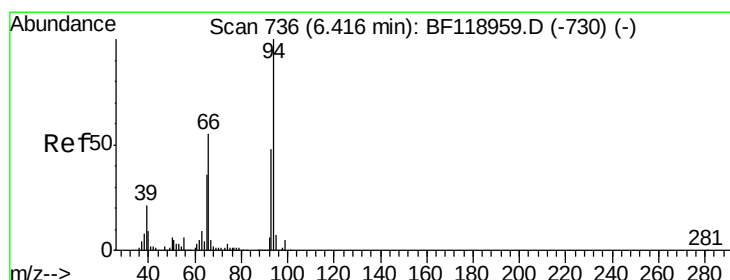
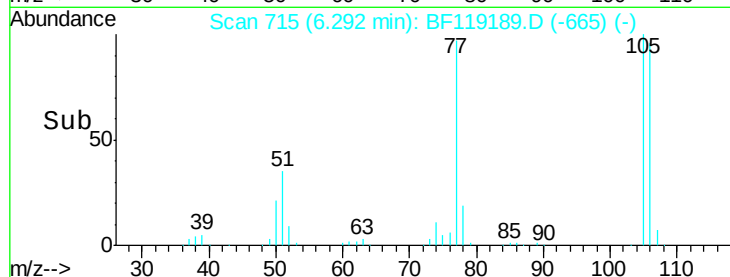
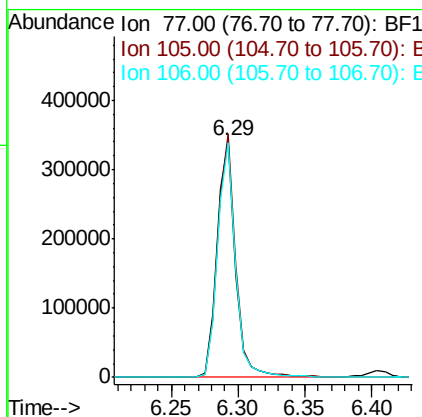
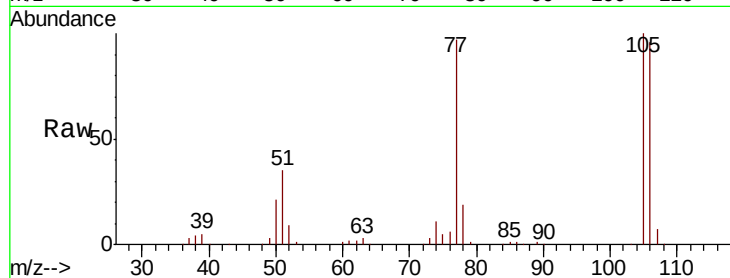
ClientSampleId :

TP-1MS

Tot Ion:	77	Resp:	334097
Ion	Ratio	Lower	Upper
77	100		
105	103.1	80.1	120.1
106	99.2	75.9	115.9

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#10

Phenol

Concen: 47.942 ng

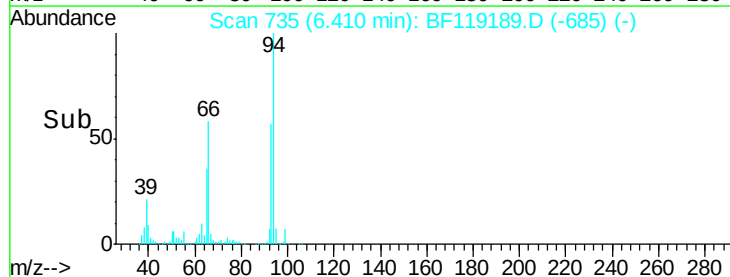
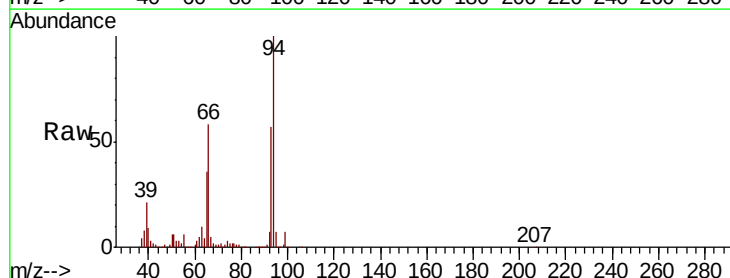
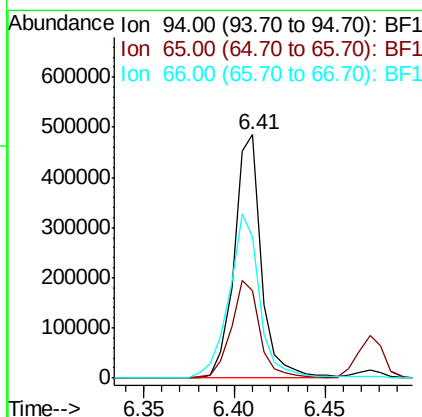
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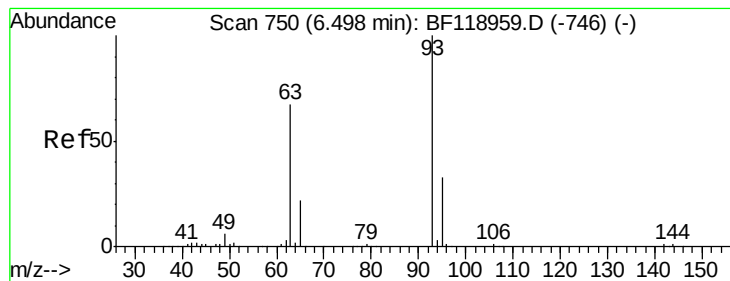
Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	94	Resp:	505571
Ion	Ratio	Lower	Upper
94	100		
65	35.7	19.2	59.2
66	57.9	44.4	84.4





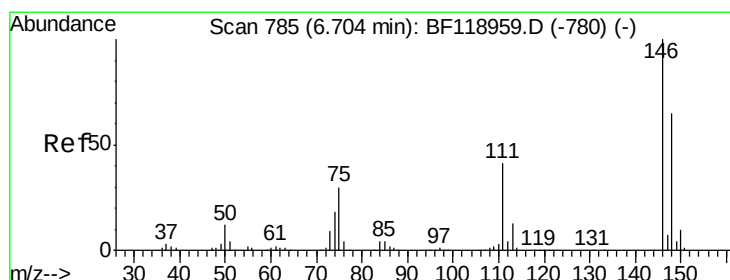
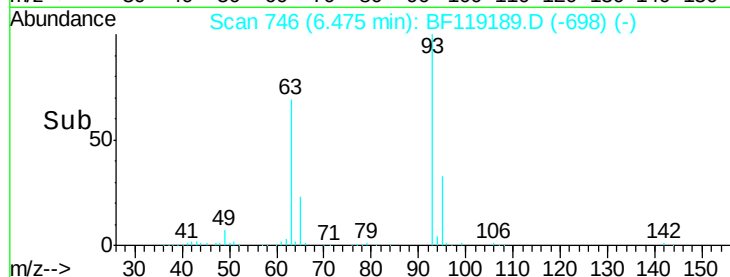
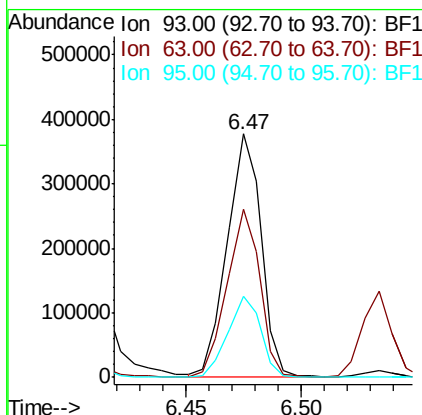
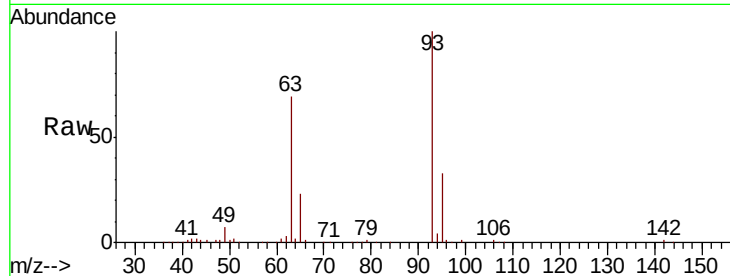
#11
bis(2-Chloroethyl)ether
Concen: 47.620 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.1	45.4	85.4
95	33.1	13.5	53.5

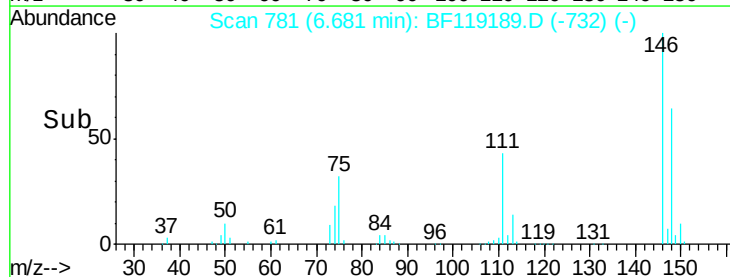
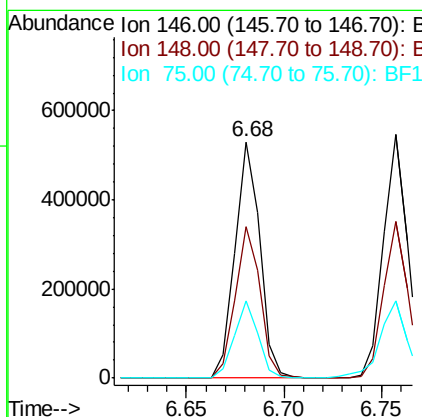
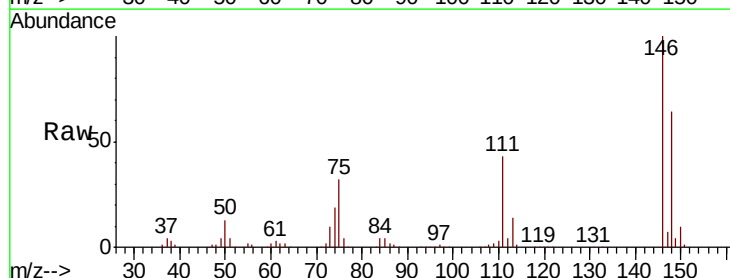
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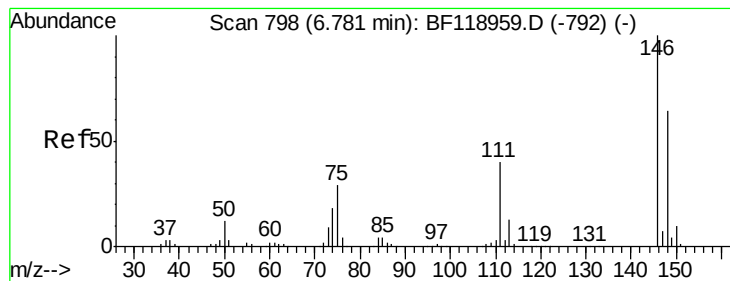
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.459 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.5	78.7
75	32.5	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 45.934 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

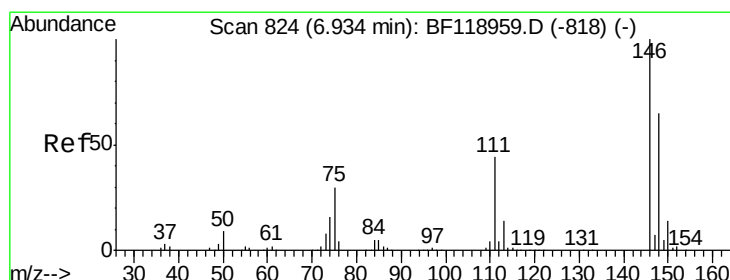
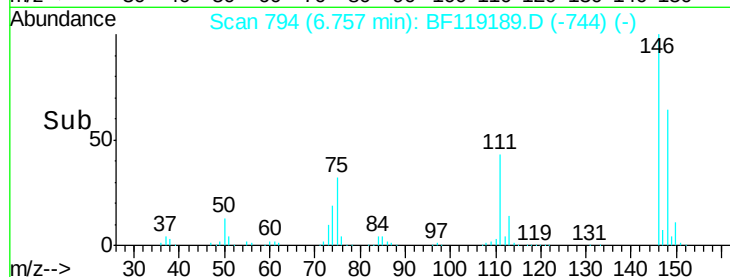
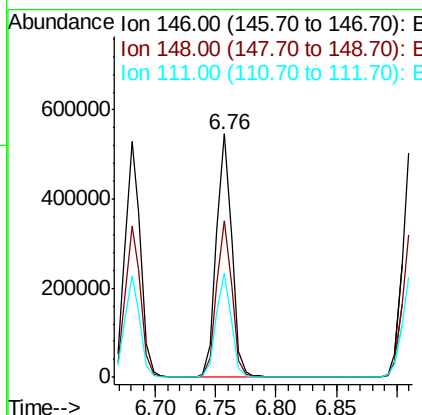
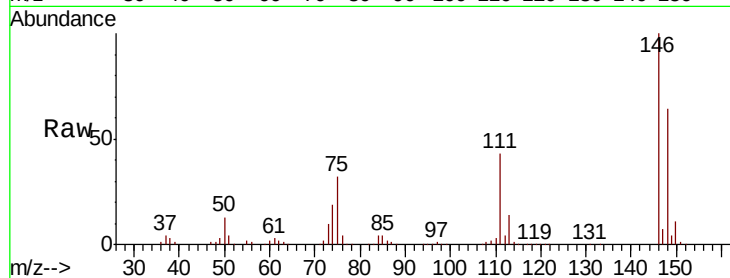
ClientSampled :

TP-1MS

Tot Ion:	146	Resp:	476821
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.1	76.7
111	42.7	34.8	52.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 46.762 ng

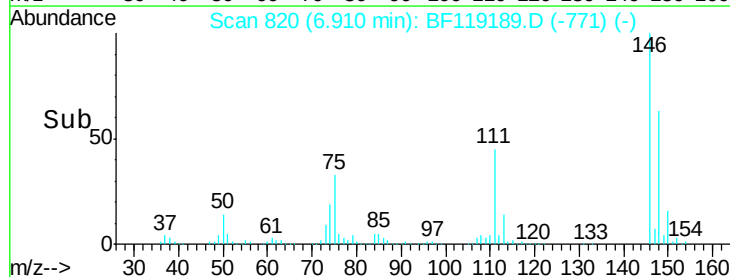
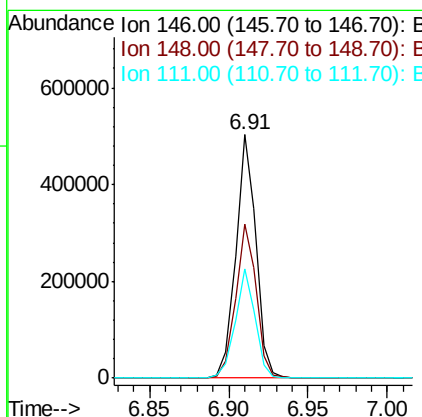
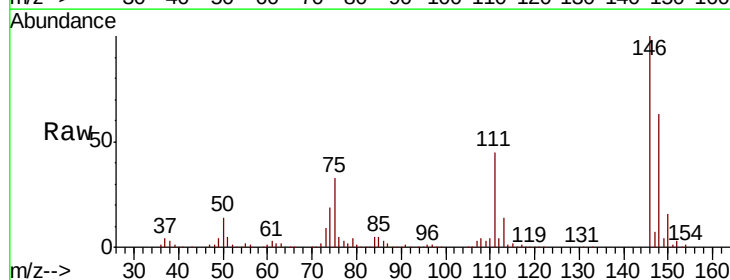
RT: 6.91 min Scan# 820

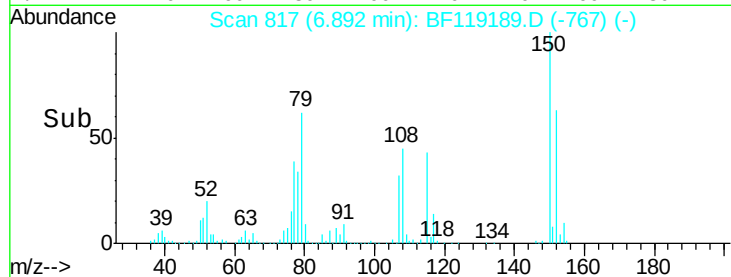
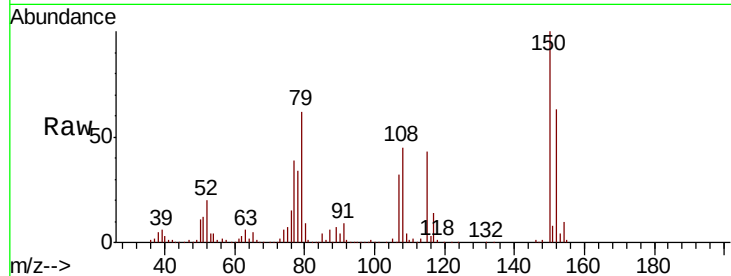
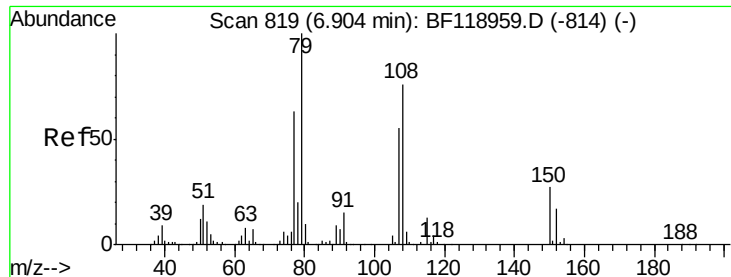
Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	146	Resp:	442707
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
111	44.7	36.2	54.2





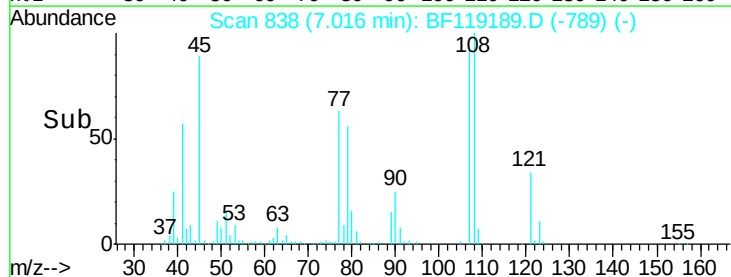
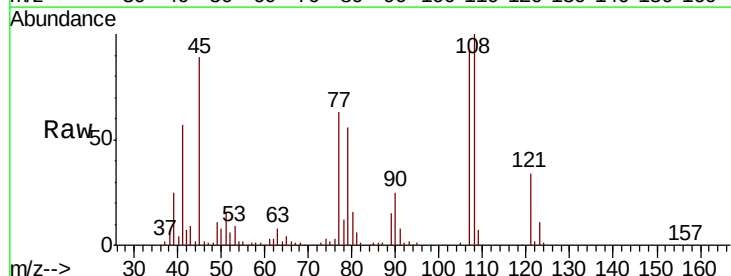
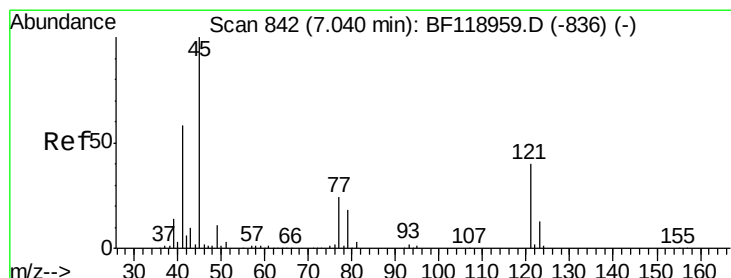
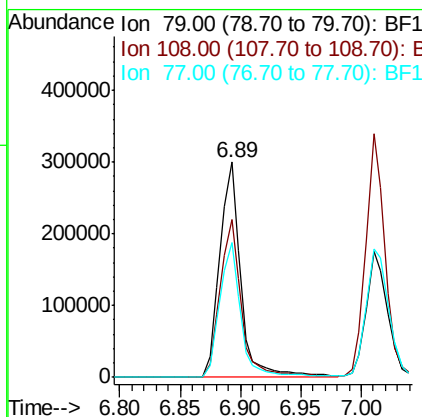
#15
Benzyl Alcohol
Concen: 51.327 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.4	58.2	87.2	
77	62.8	51.2	76.8	

Instrument :
BNA_F
ClientSampled :
TP-1MS

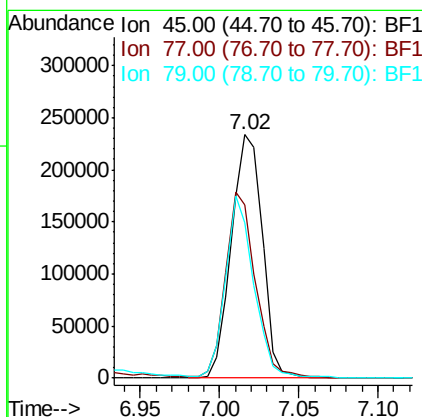
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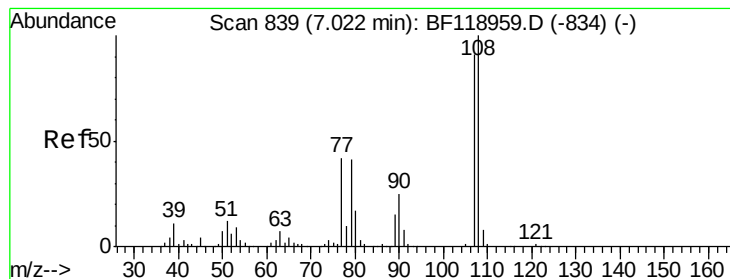
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.113 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	71.1	15.0	55.0#	
79	63.7	9.4	49.4#	





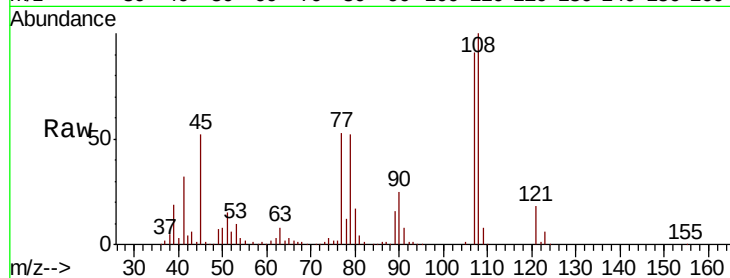
#17
2-Methylphenol
Concen: 48.994 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

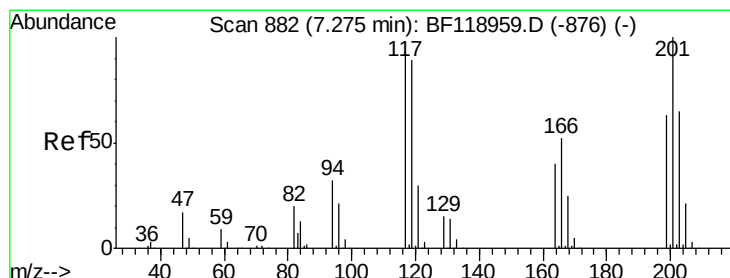
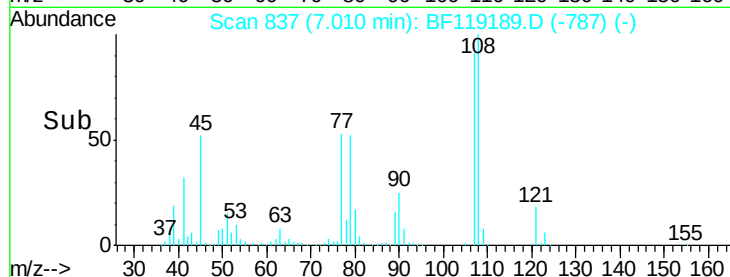
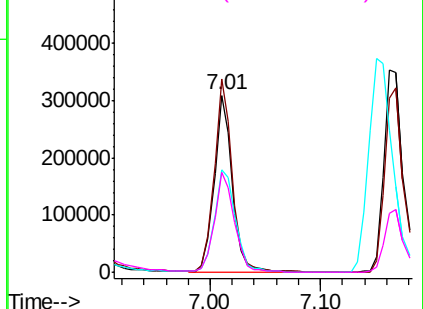
Tot Ion:	107	Resp:	343794
Ion Ratio	Lower	Upper	
107	100		
108	109.7	87.9	131.9
77	57.8	45.3	67.9
79	56.7	43.0	64.4

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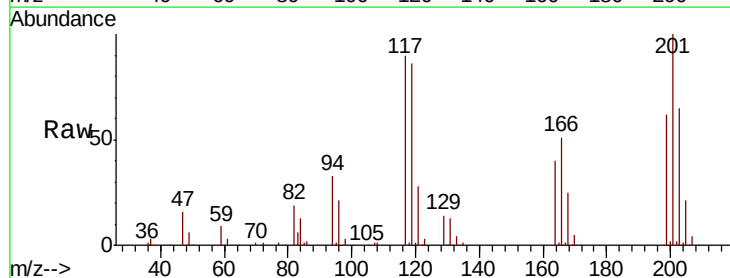


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

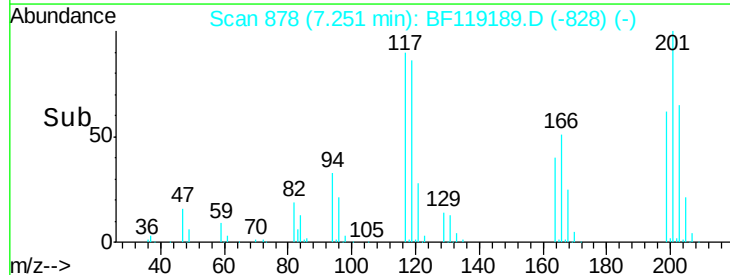
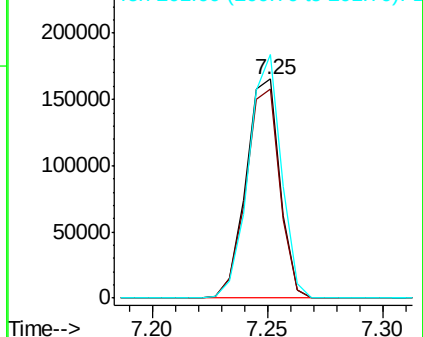


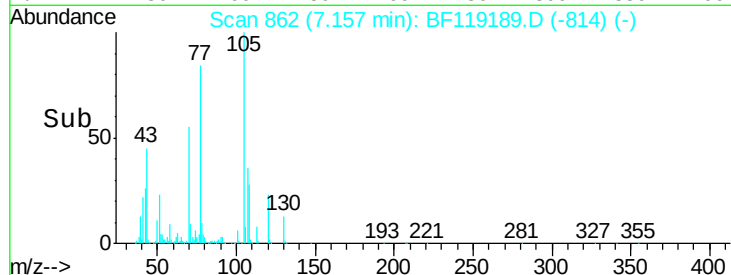
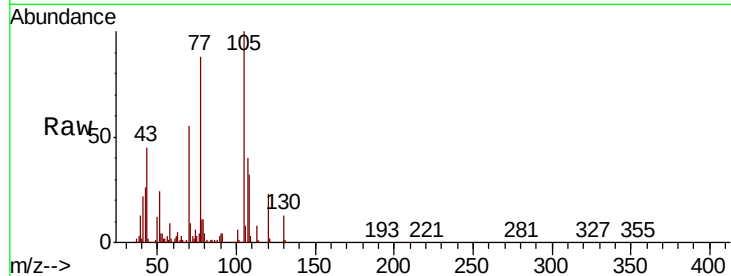
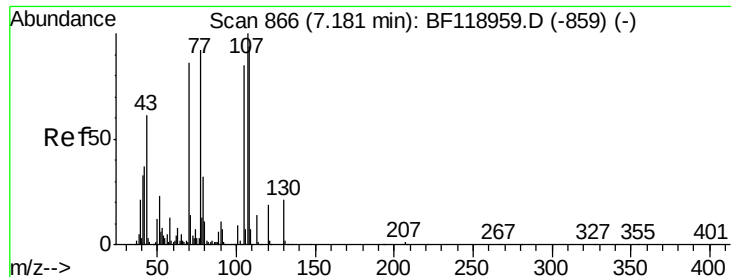
#18
Hexachloroethane
Concen: 45.911 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:	117	Resp:	170507
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.5	116.3
201	111.1	82.6	123.8



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





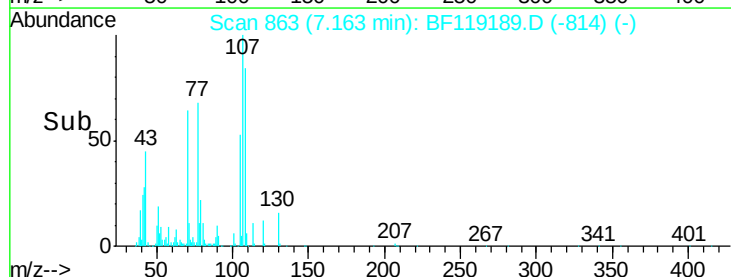
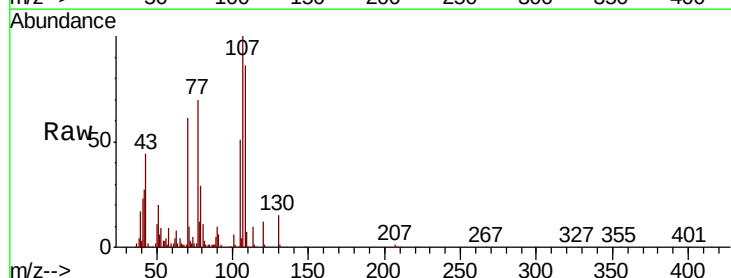
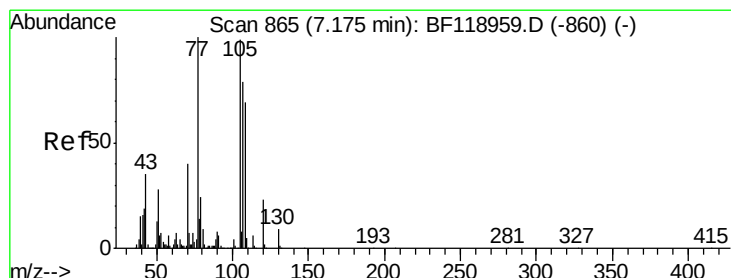
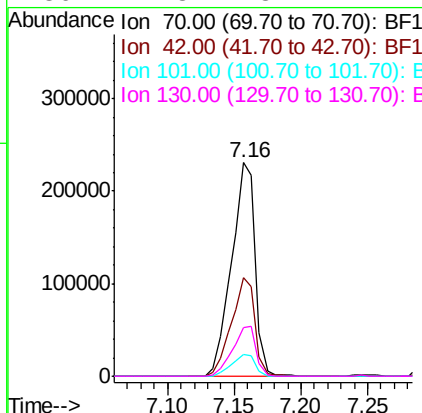
#19
n-Nitroso-di-n-propylamine
Concen: 50.619 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.4	8.2	12.4
130	22.8	18.2	27.4

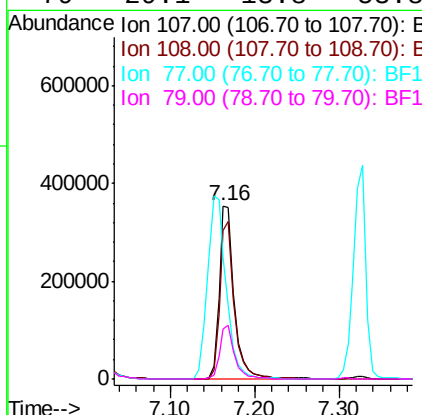
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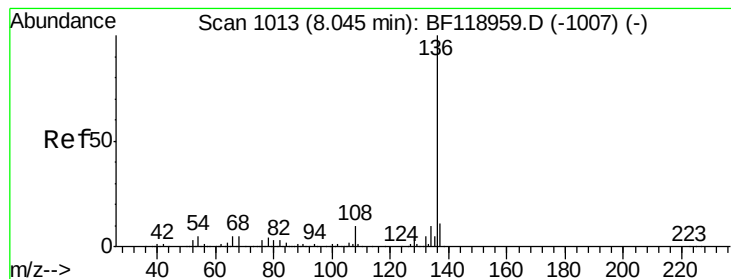
mohammad
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#20
3+4-Methylphenols
Concen: 50.900 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.5	111.5
77	70.3	45.9	85.9
79	29.1	13.8	53.8





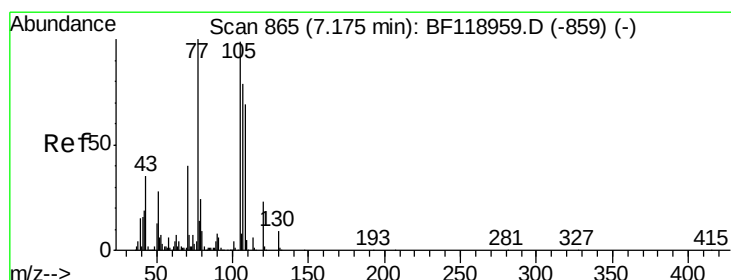
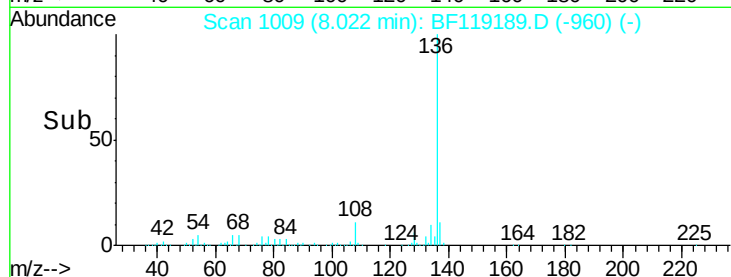
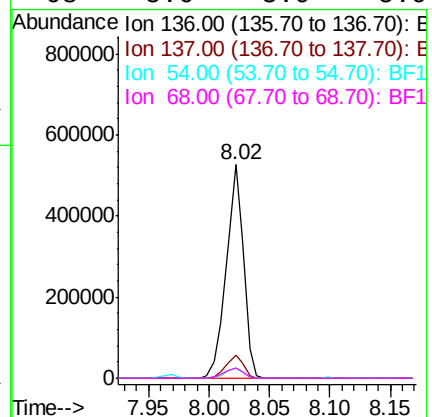
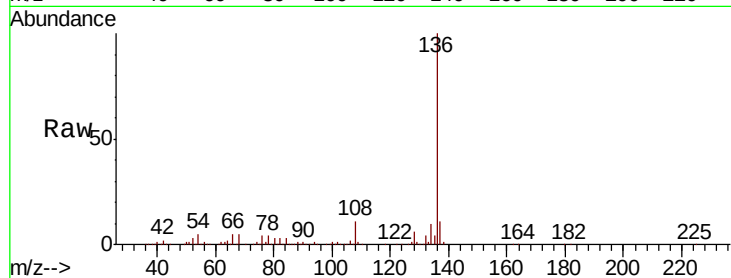
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	517160		
137	11.0		8.8	13.2
54	4.8		3.8	5.6
68	5.0		3.9	5.9

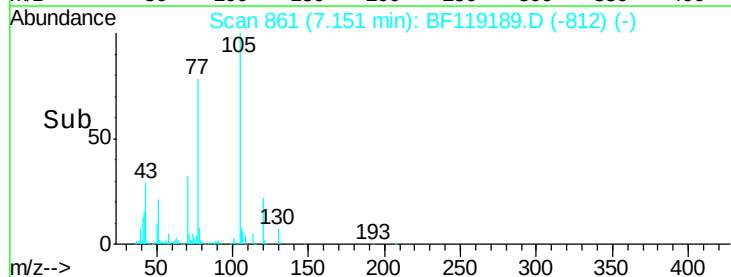
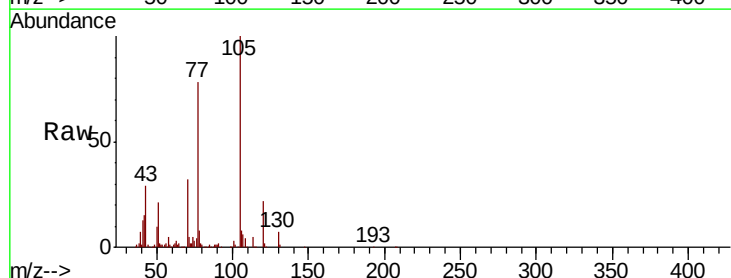
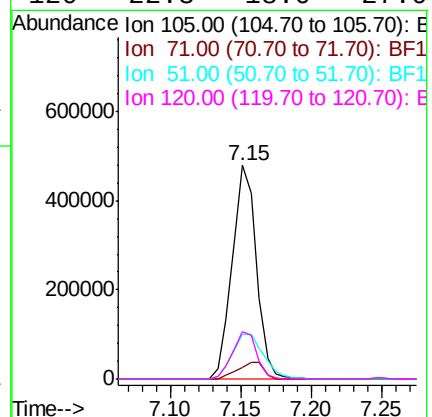
Manual Integrations
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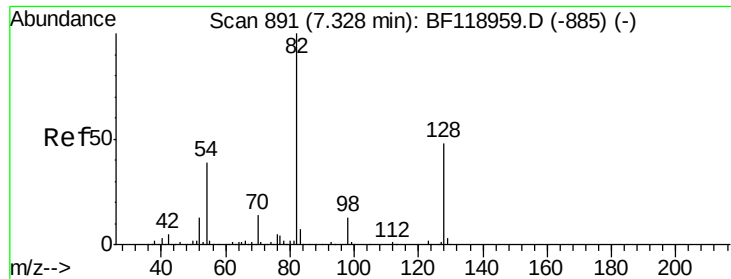
mohammad
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#22
Acetophenone
Concen: 47.863 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	572715		
71	5.3		3.0	4.4#
51	20.8		20.1	30.1
120	22.3		18.0	27.0





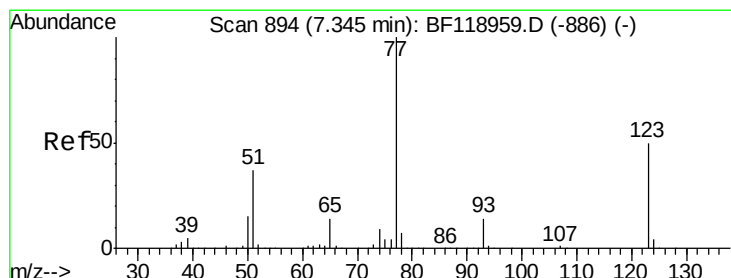
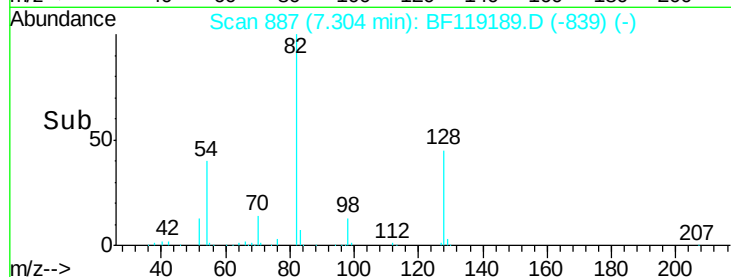
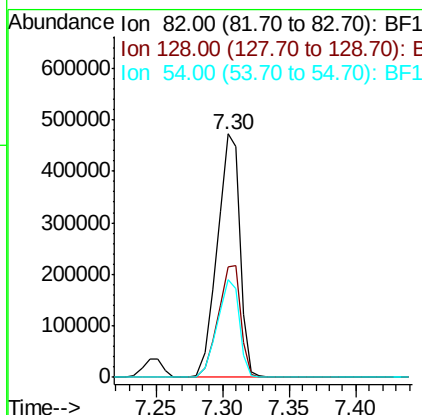
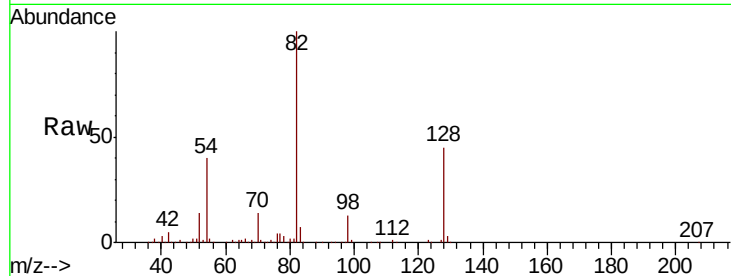
#23
Nitrobenzene-d5
Concen: 57.976 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	567857		
128	45.2		37.9	56.9
54	40.3		33.4	50.2

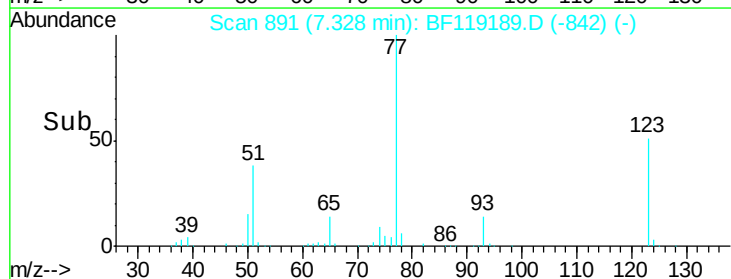
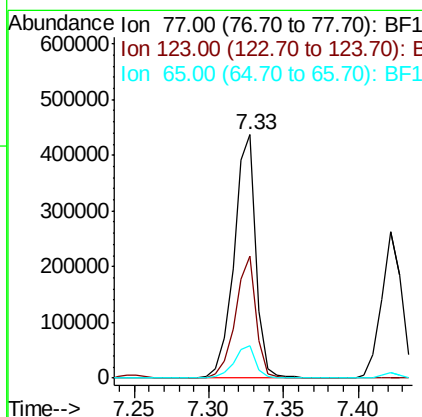
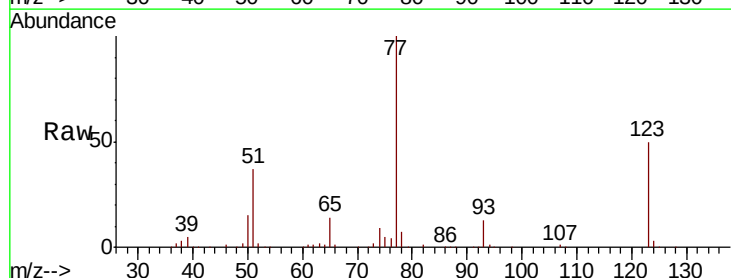
Manual Integrations
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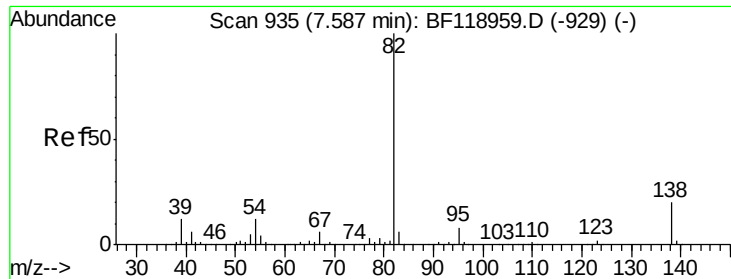
mohammad
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#24
Nitrobenzene
Concen: 46.013 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	445684		
123	50.0		40.2	60.2
65	13.5		10.8	16.2





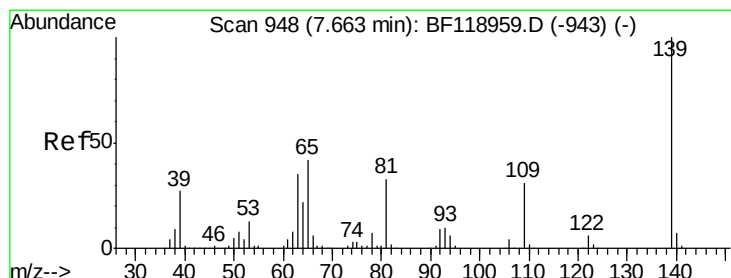
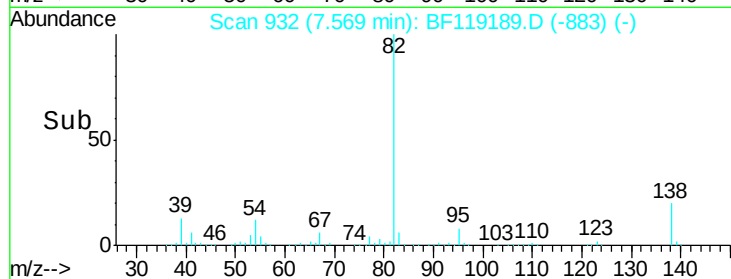
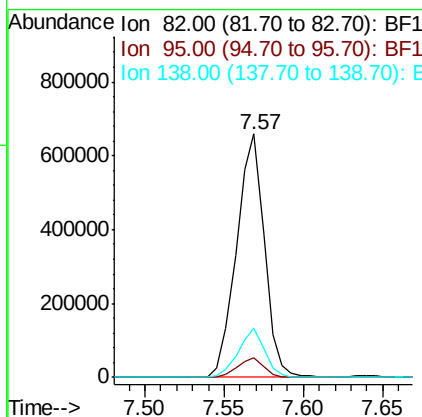
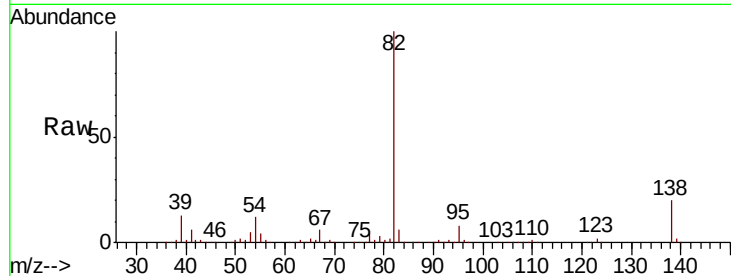
#25
Isophorone
Concen: 47.230 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	803412		
95	8.0		6.4	9.6
138	19.9		15.7	23.5

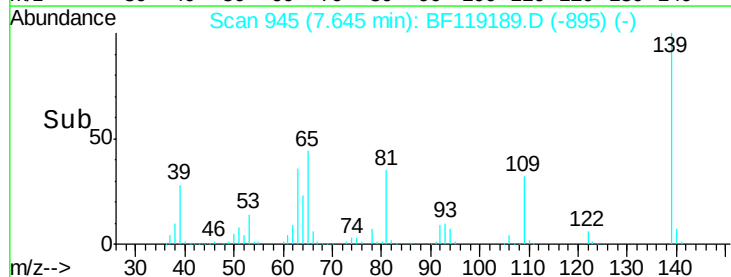
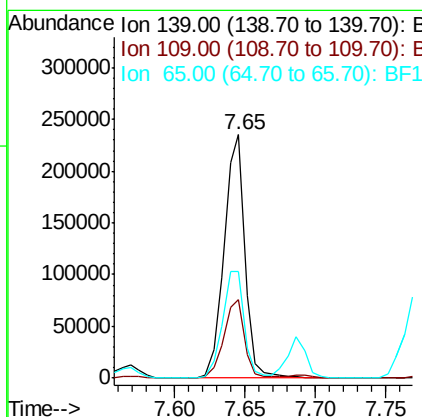
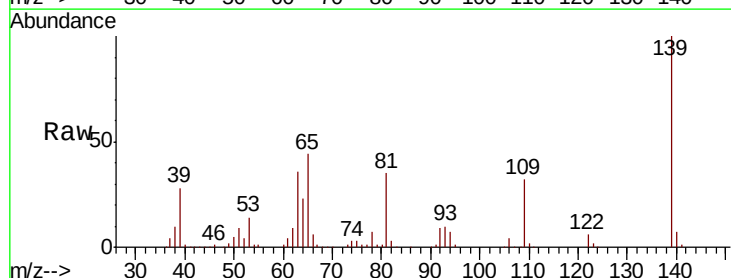
Manual Integrations
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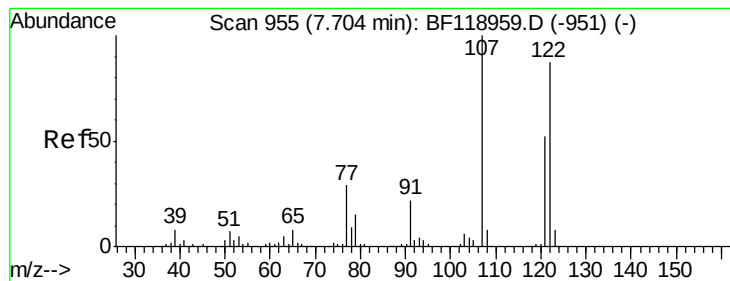
mohammad
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#26
2-Nitrophenol
Concen: 47.026 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	241342		
109	32.3		25.7	38.5
65	43.9		37.1	55.7





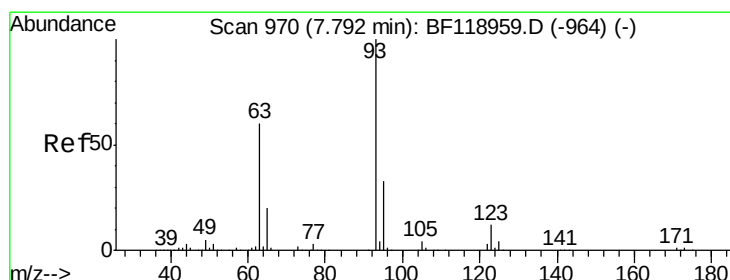
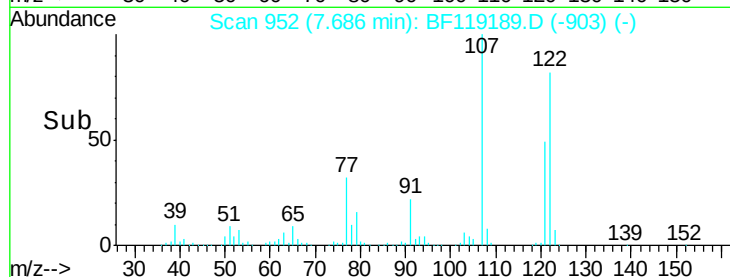
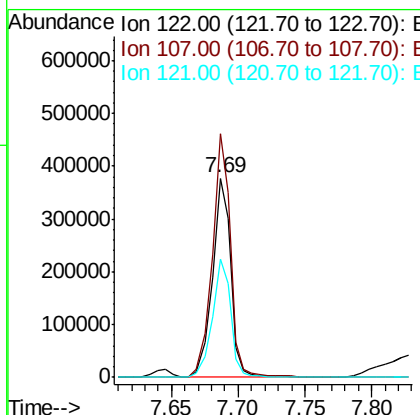
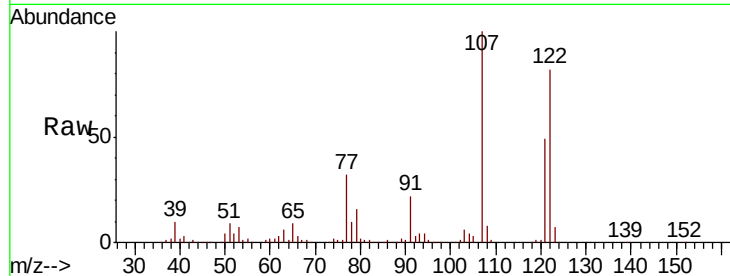
#27
2,4-Dimethylphenol
Concen: 52.376 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.3	93.8	140.6
121	59.3	48.2	72.2

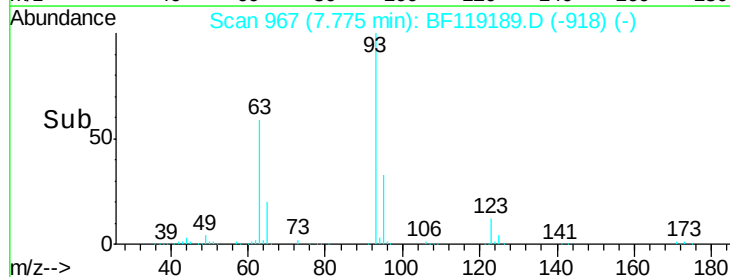
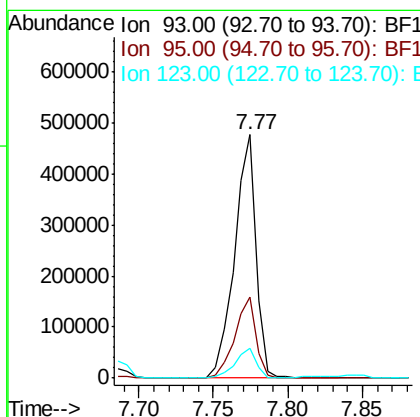
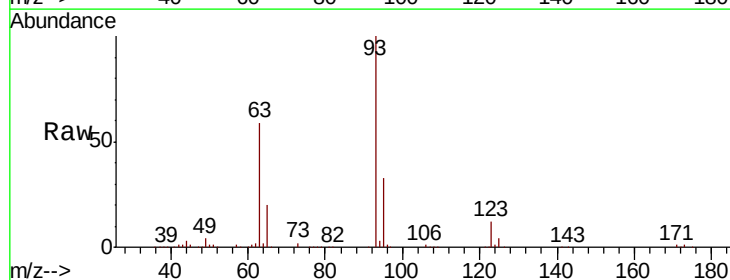
Manual Integrations
APPROVED

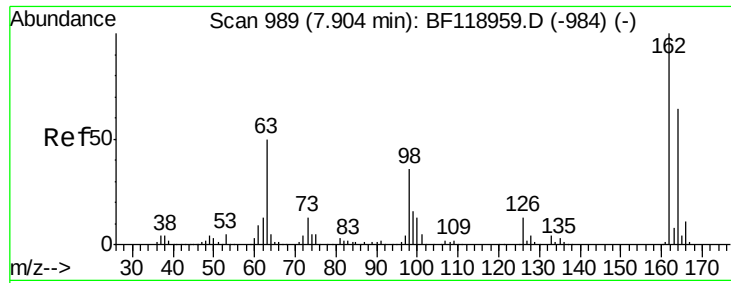
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.704 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.3	10.2	15.2





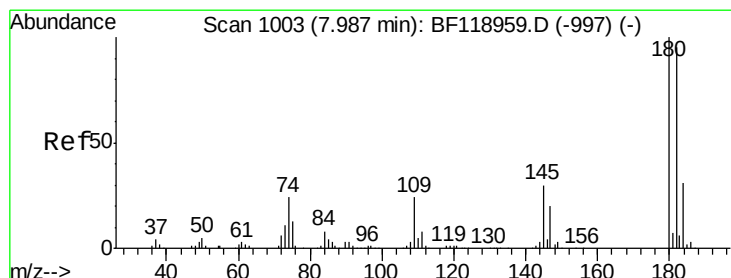
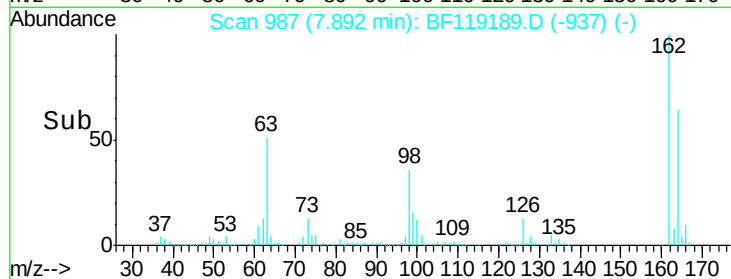
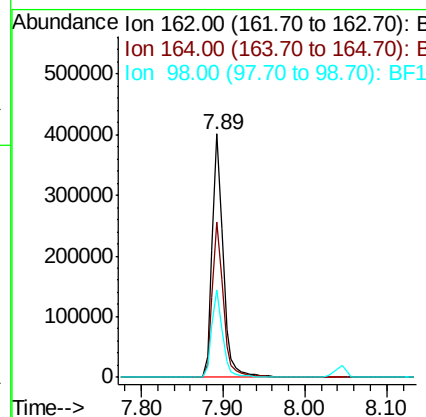
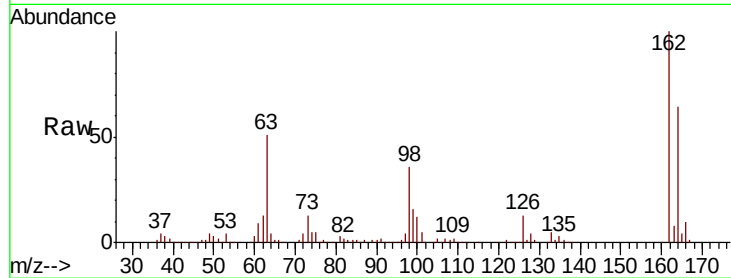
#29
2,4-Dichlorophenol
Concen: 45.644 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.2	85.2
98	36.1	17.4	57.4

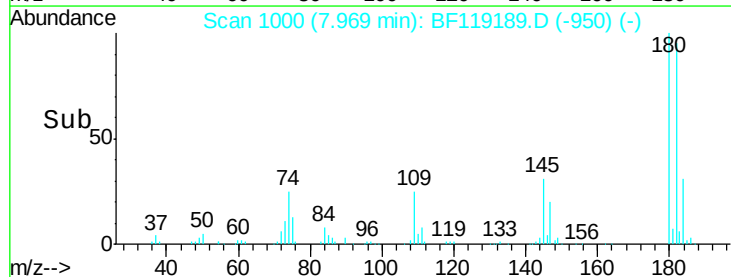
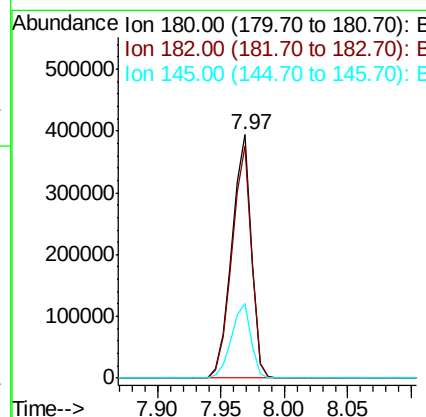
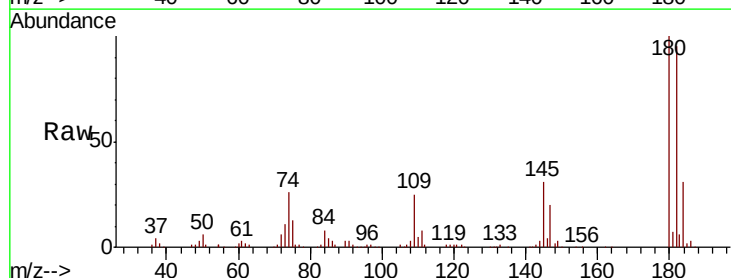
Manual Integrations
APPROVED

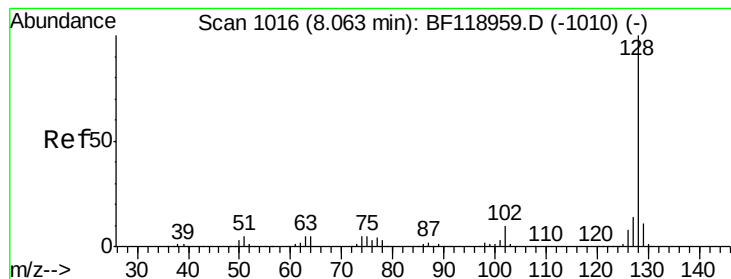
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#30
1,2,4-Trichlorobenzene
Concen: 43.026 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.8	116.6
145	30.7	25.2	37.8





#31

Naphthalene

Concen: 45.942 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:128 Resp: 1232200

Ion Ratio Lower Upper

128 100

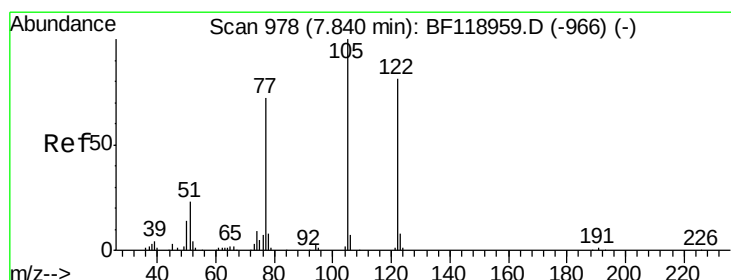
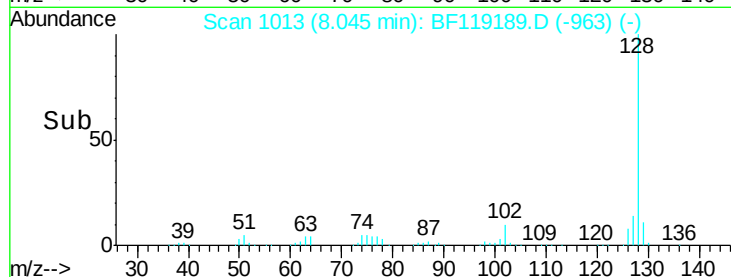
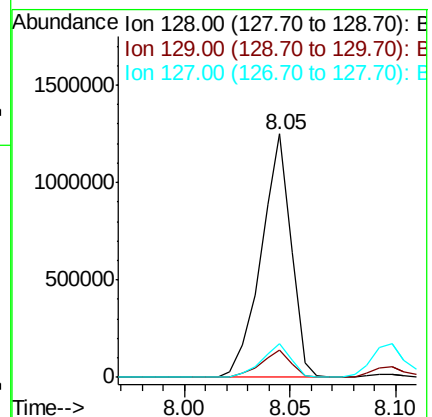
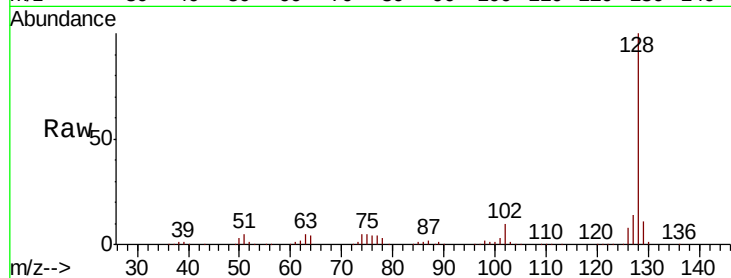
129 11.4 9.4 14.2

127 13.6 11.4 17.2

Manual Integrations
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#32

Benzoic acid

Concen: 36.944 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

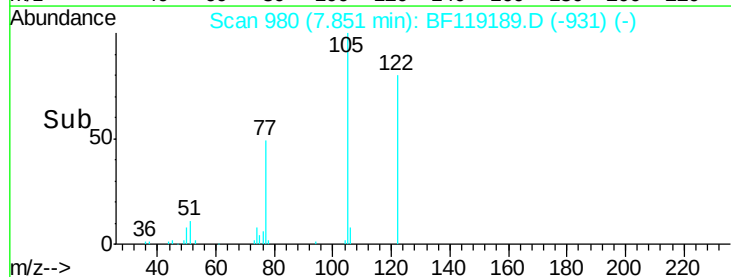
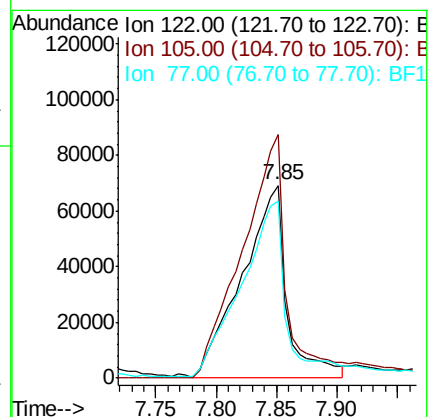
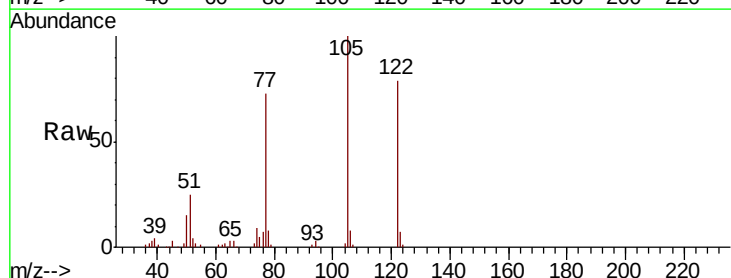
Tgt Ion:122 Resp: 178677

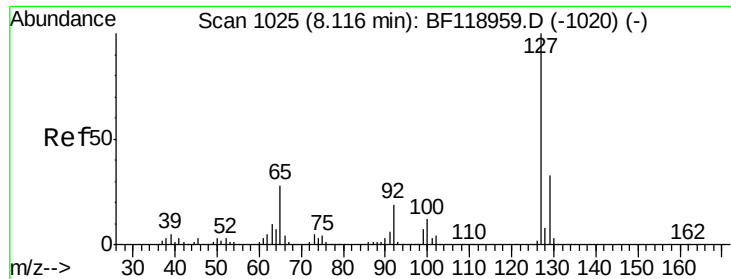
Ion Ratio Lower Upper

122 100

105 126.4 106.3 146.3

77 92.1 73.1 113.1





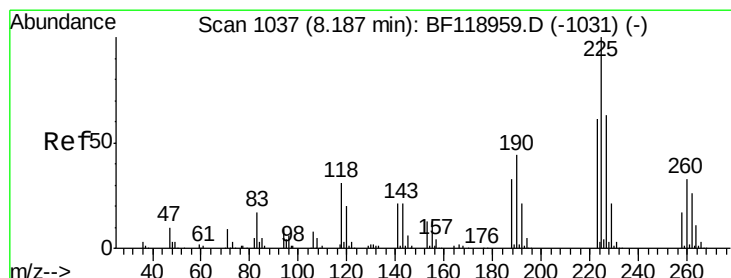
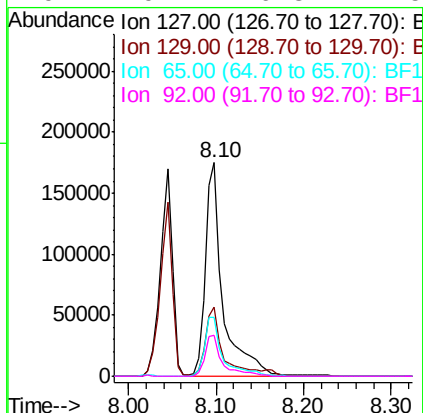
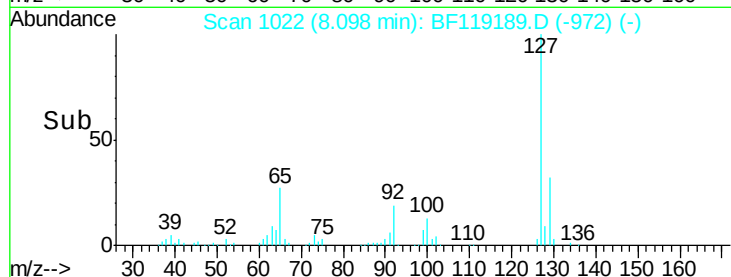
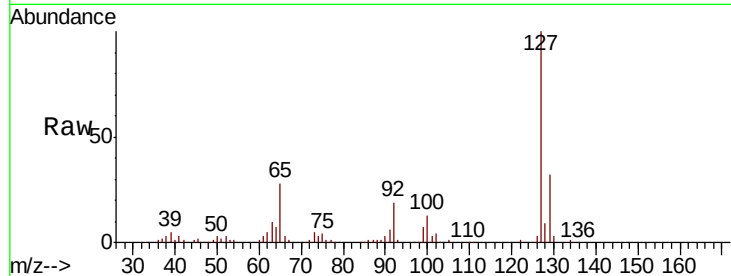
#33
4-Chloroaniline
Concen: 21.088 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	27.7	23.9	35.9		
92	19.1	16.3	24.5		

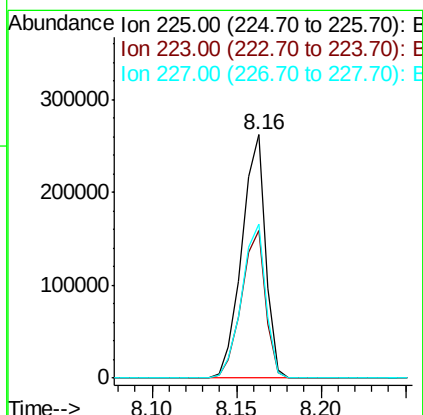
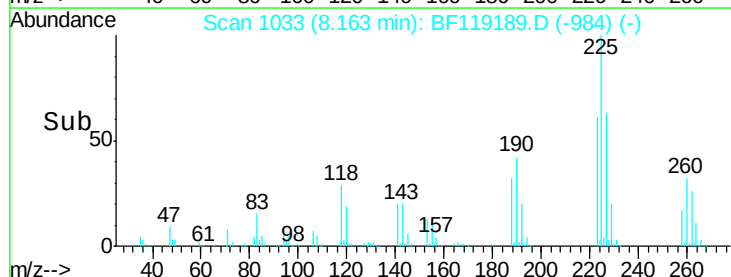
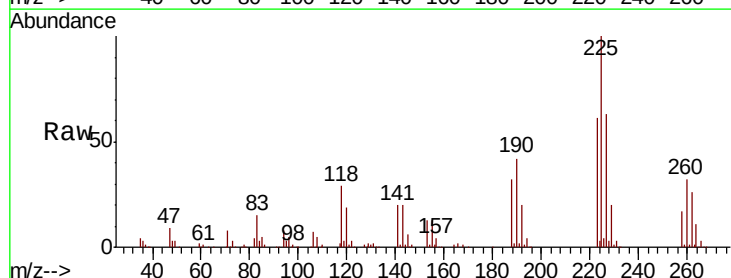
Manual Integrations
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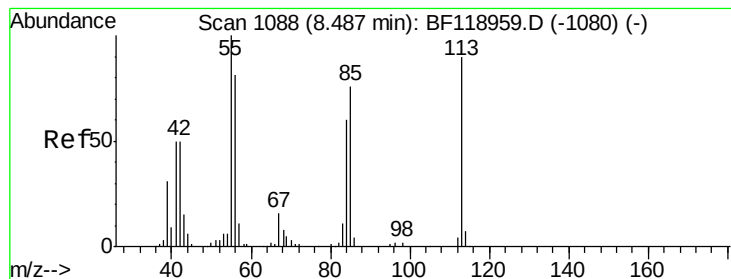
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#34
Hexachlorobutadiene
Concen: 42.498 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.8	49.4	74.2		
227	63.1	52.9	79.3		





#35

Caprolactam

Concen: 43.168 ng/ml

RT: 8.48 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

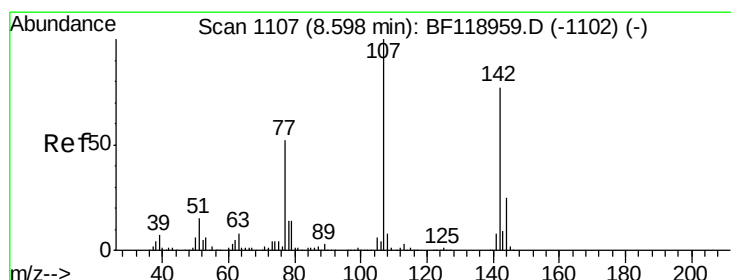
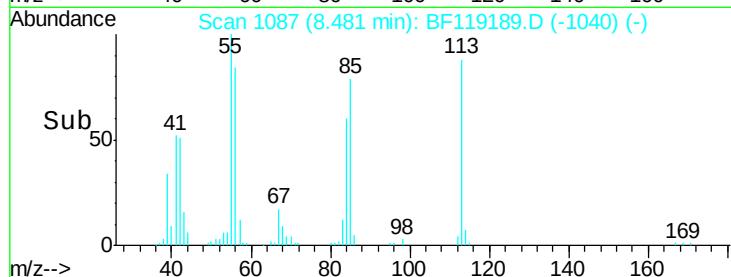
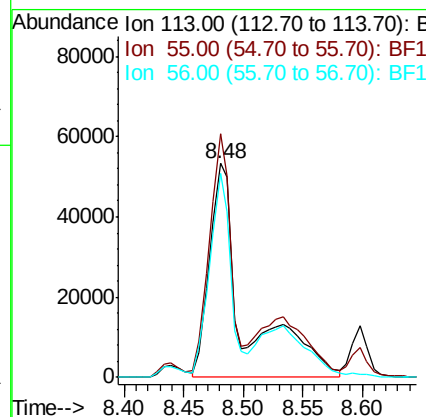
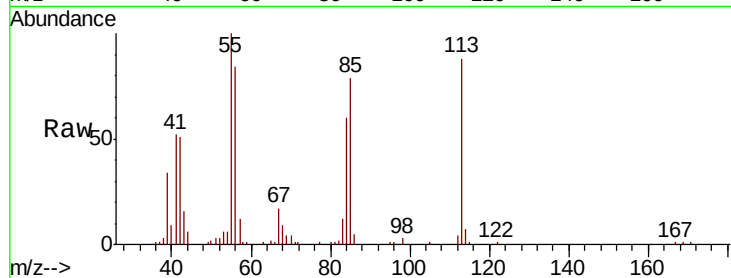
ClientSampleId :

TP-1MS

Tot Ion:	113	Resp:	108991
Ion Ratio	Lower	Upper	
113	100		
55	113.7	95.7	135.7
56	95.5	73.1	113.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.441 ng/ml

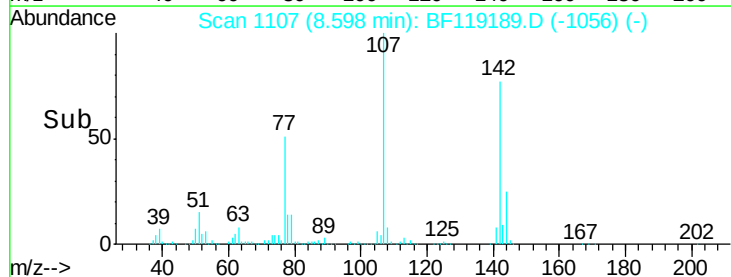
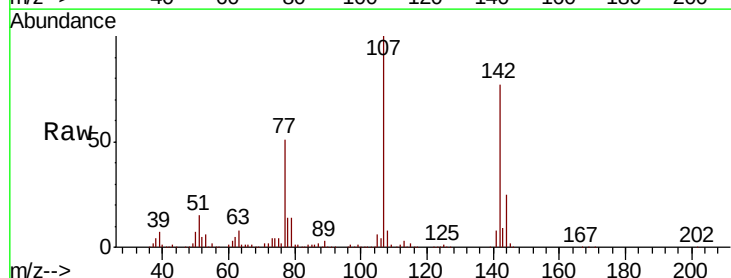
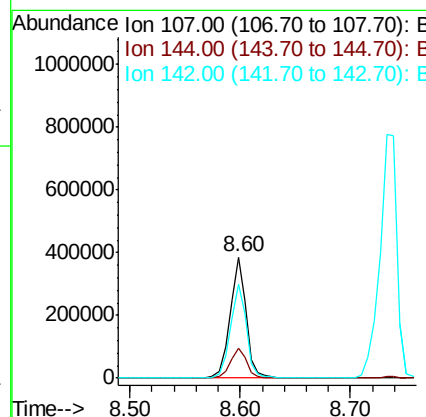
RT: 8.60 min Scan# 1107

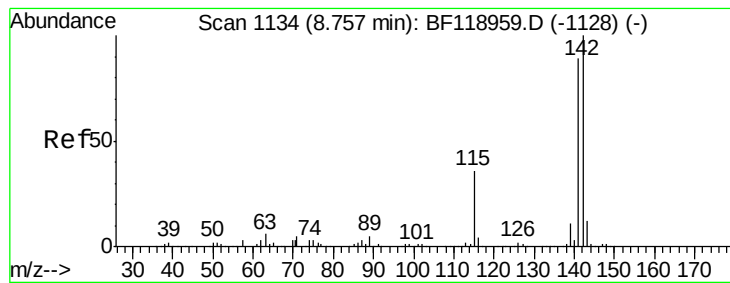
Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	107	Resp:	393690
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.1	30.1
142	77.1	61.4	92.2





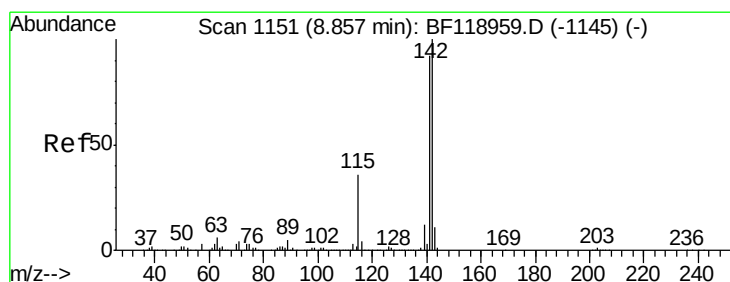
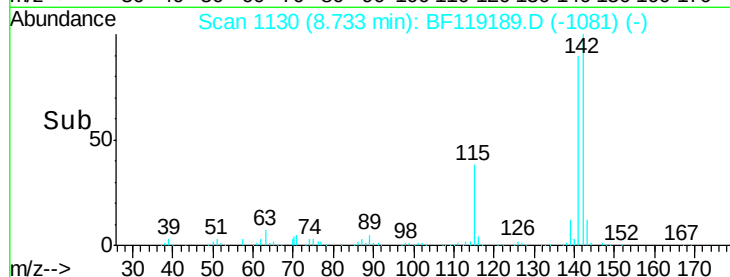
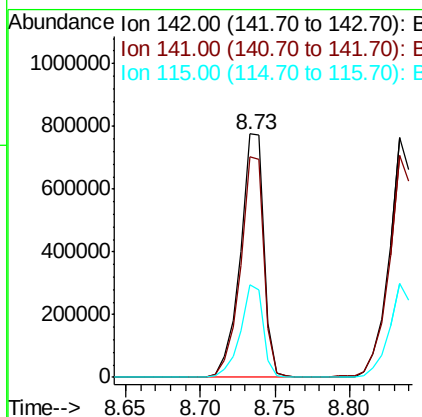
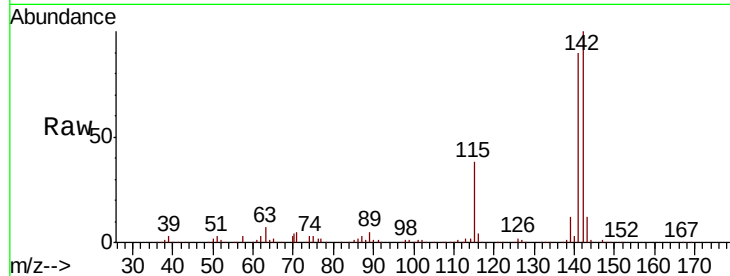
#37
2-Methylnaphthalene
Concen: 46.964 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	38.0	30.6	45.8

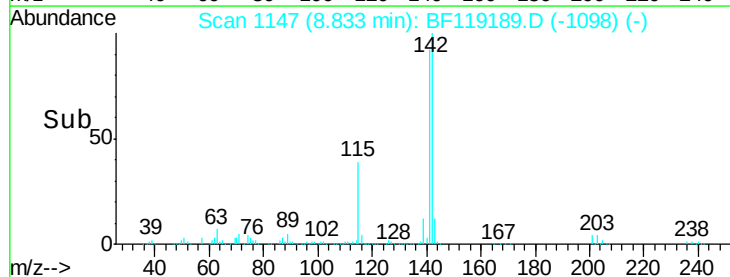
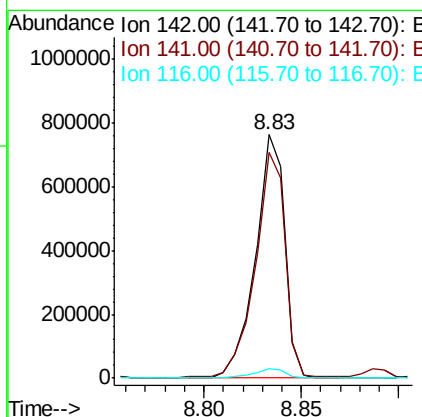
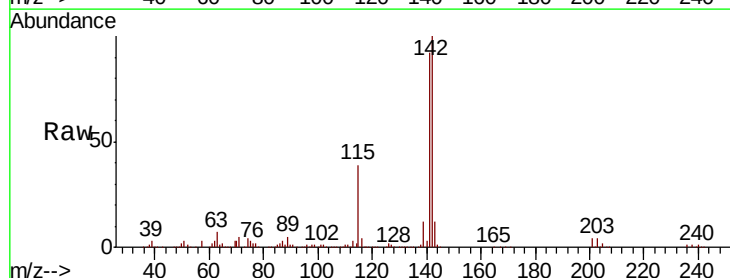
Manual Integrations
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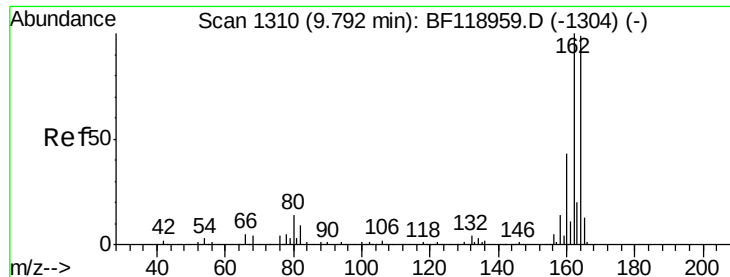
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#38
1-Methylnaphthalene
Concen: 46.727 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.8	113.6
116	4.0	3.1	4.7





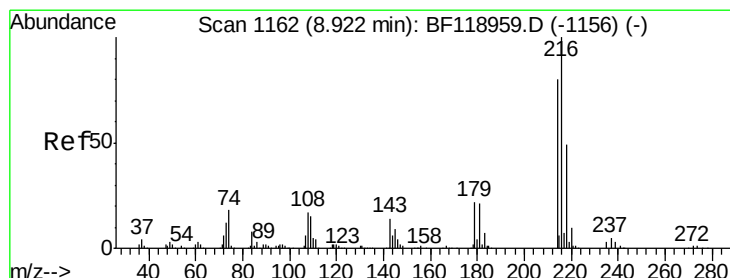
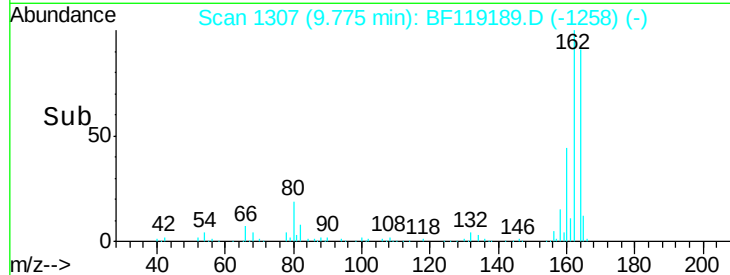
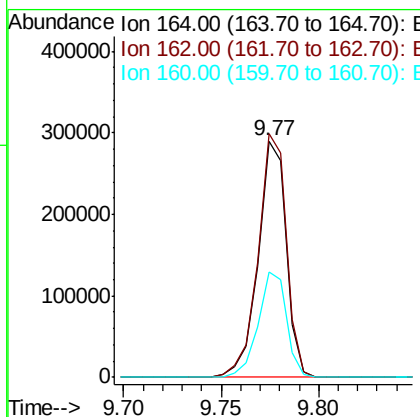
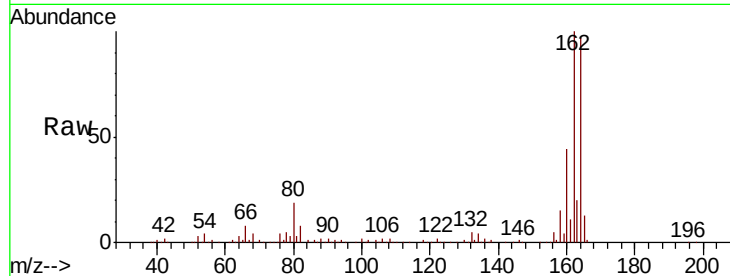
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.8	122.8
160	44.8	36.0	54.0

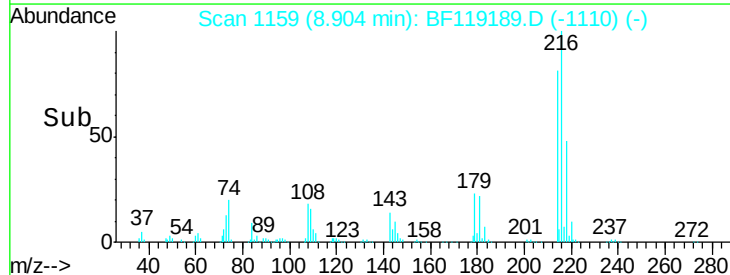
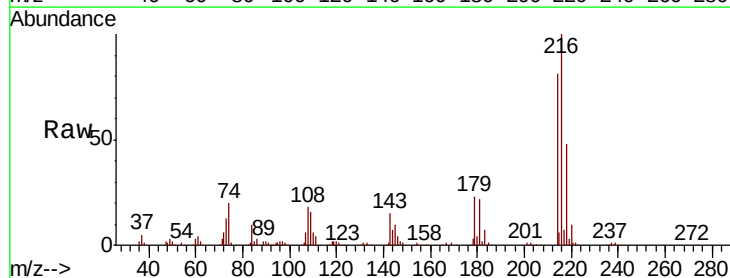
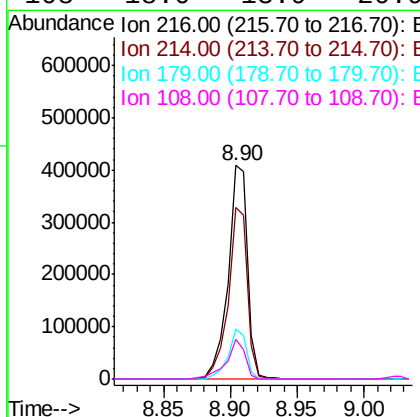
Manual Integrations
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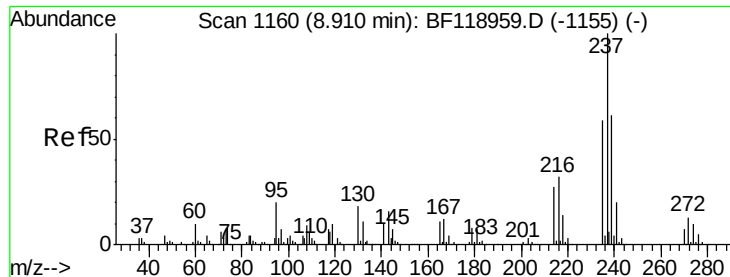
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.248 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	21.7	17.7	26.5
108	18.0	13.9	20.9





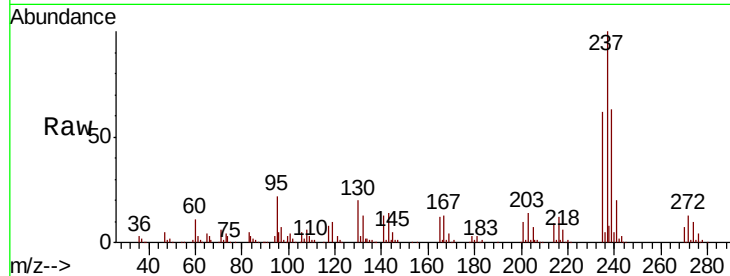
#41
Hexachlorocyclopentadiene
Concen: 66.144 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

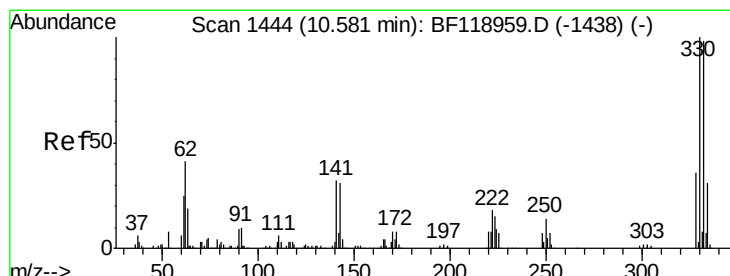
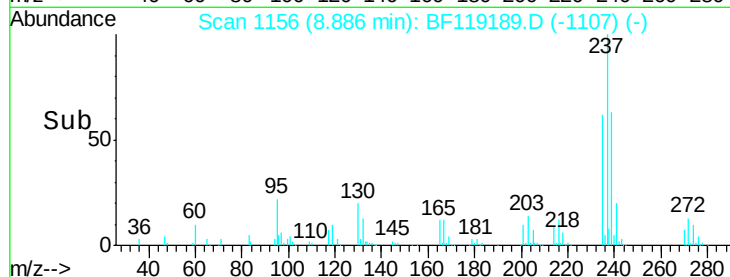
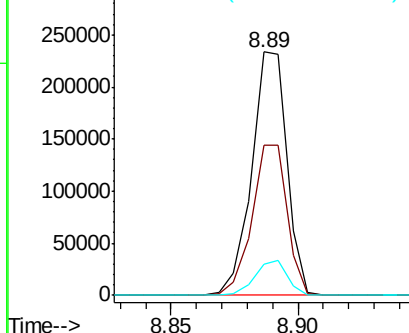
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	42.3	82.3
272	12.8	0.0	33.5

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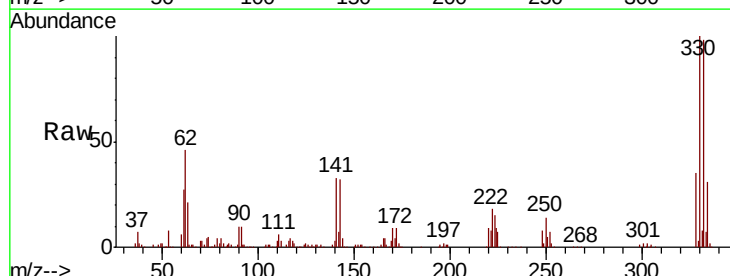


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

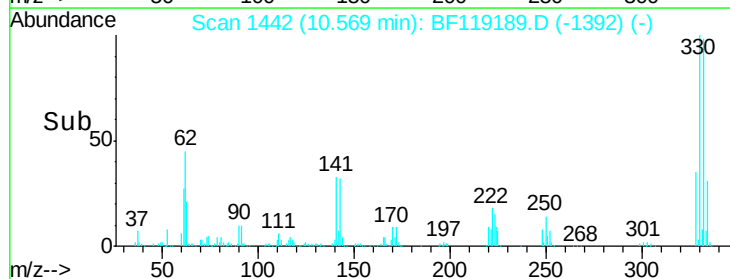
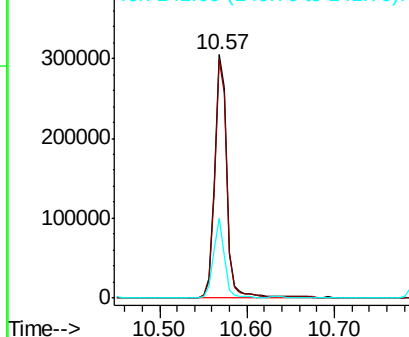


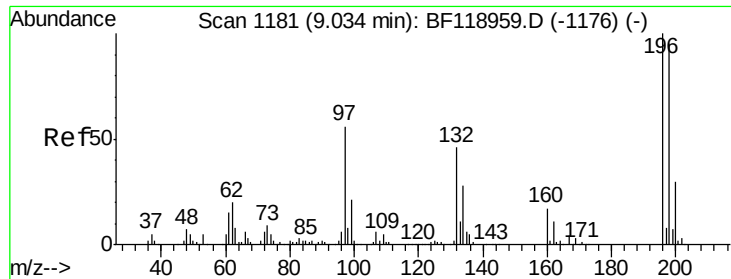
#42
2,4,6-Tribromophenol
Concen: 79.883 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	76.0	114.0
141	29.5	22.9	34.3



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





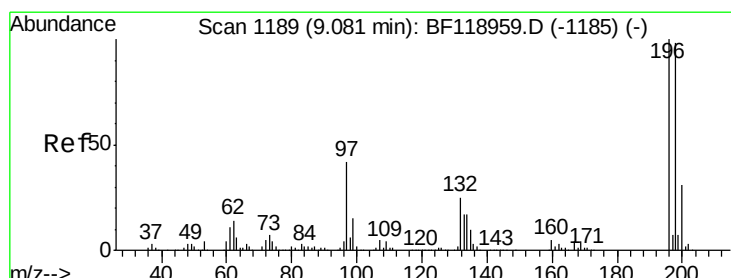
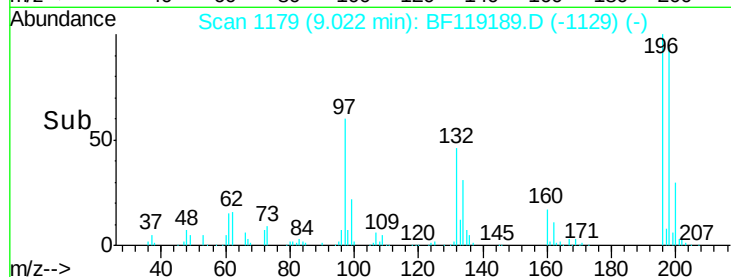
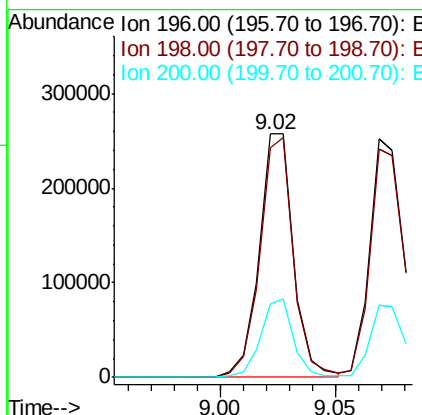
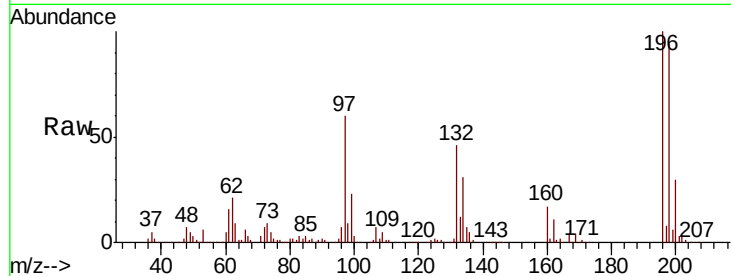
#43
 2,4,6-Trichlorophenol
 Concen: 43.225 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	266000		
198	94.2	77.1	115.7	
200	30.1	25.0	37.6	

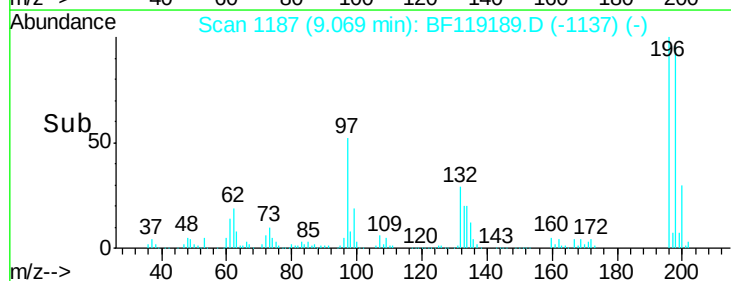
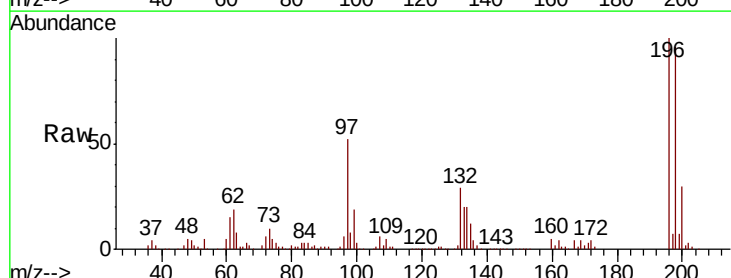
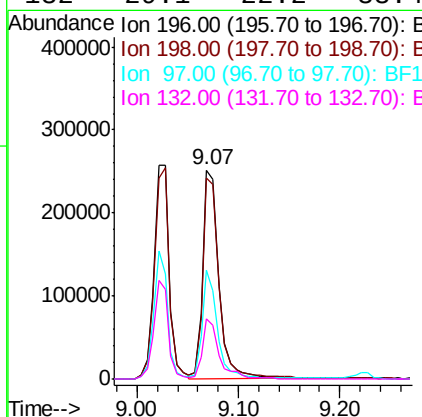
Manual Integrations
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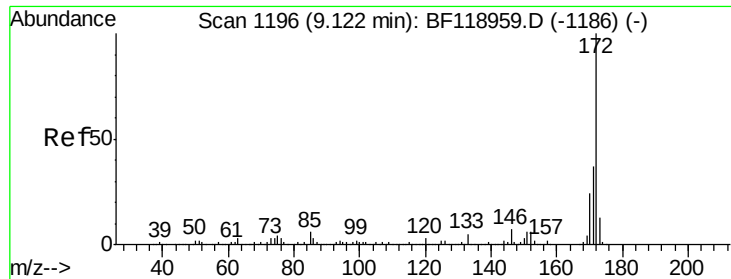
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.430 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280454		
198	96.1	76.8	115.2	
97	52.3	38.5	57.7	
132	29.1	22.2	33.4	





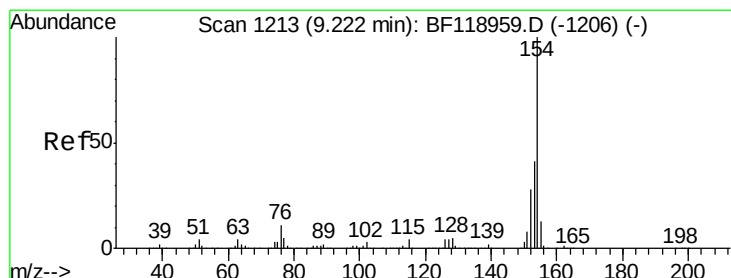
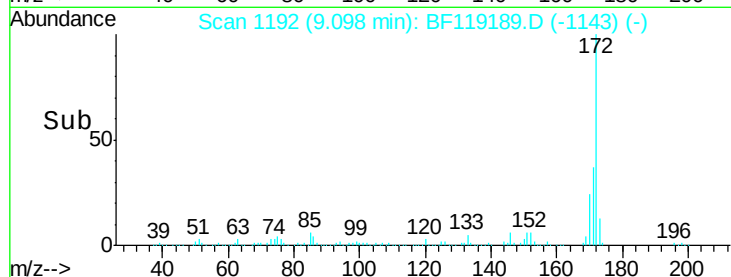
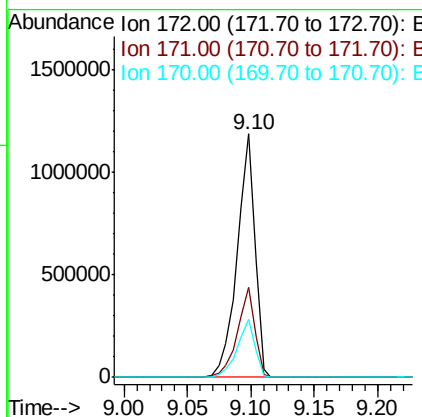
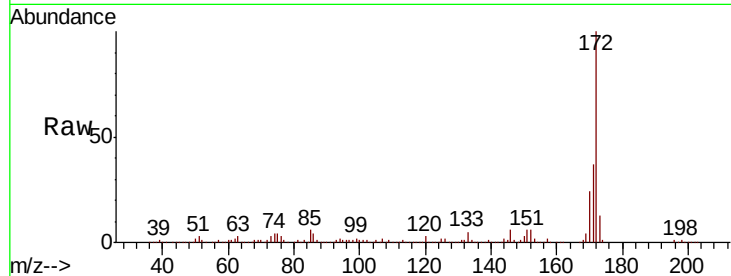
#45
2-Fluorobiphenyl
Concen: 57.970 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.0	20.2	30.2

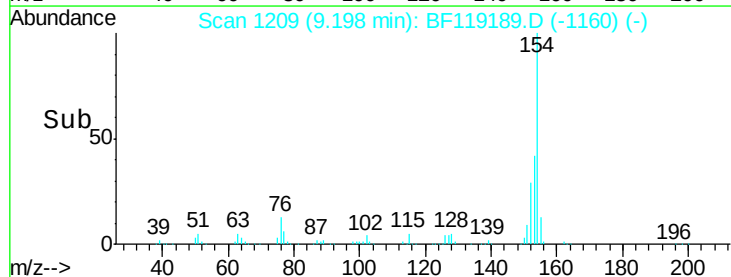
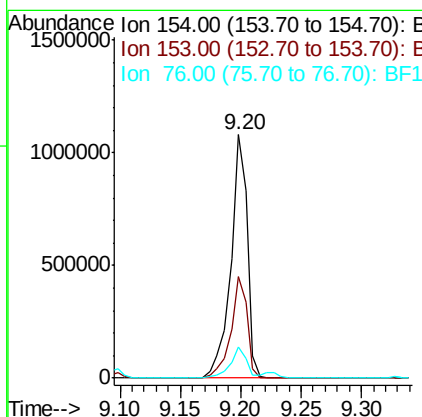
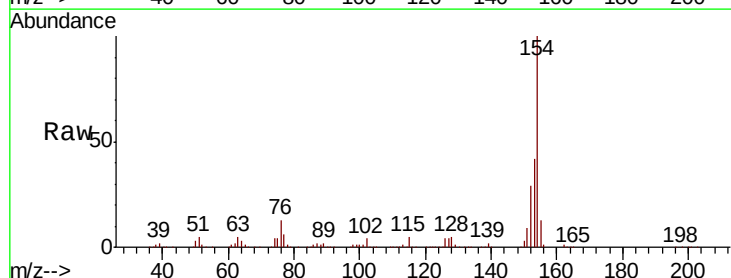
Manual Integrations
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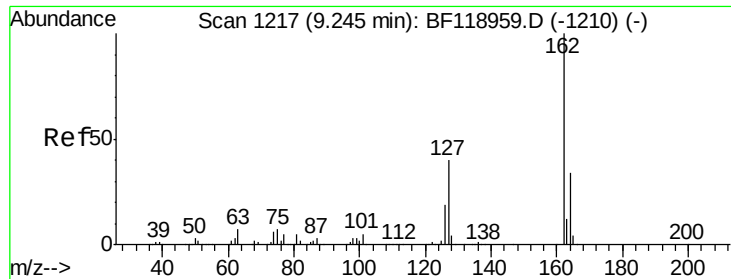
mohammad
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#46
1,1'-Biphenyl
Concen: 43.864 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.8	62.8
76	12.8	0.0	32.2





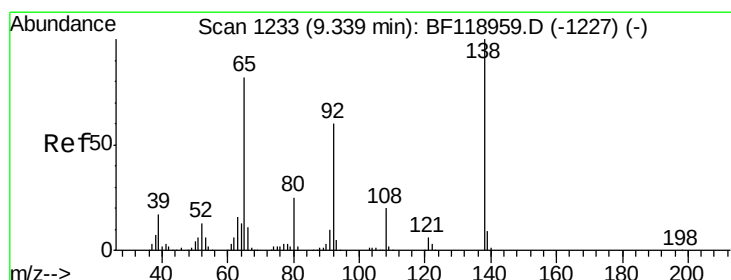
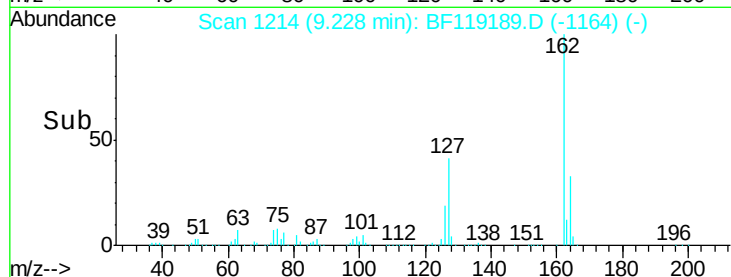
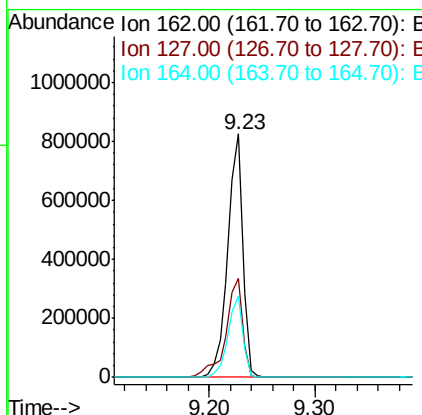
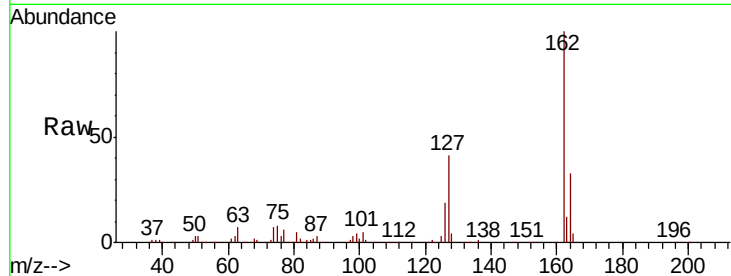
#47
 2-Chloronaphthalene
 Concen: 43.481 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	35.0	52.4
164	33.1	27.2	40.8

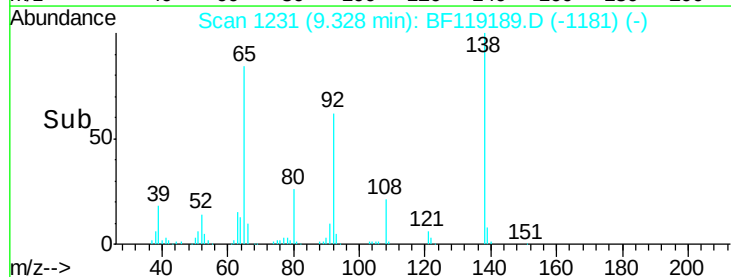
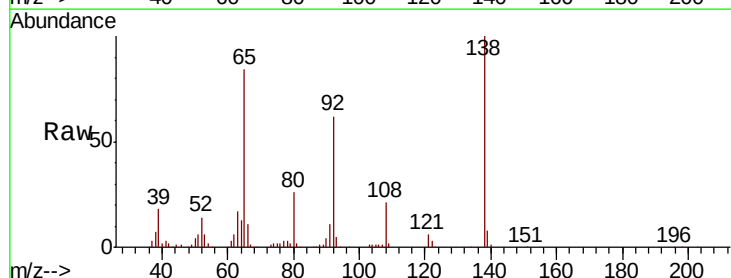
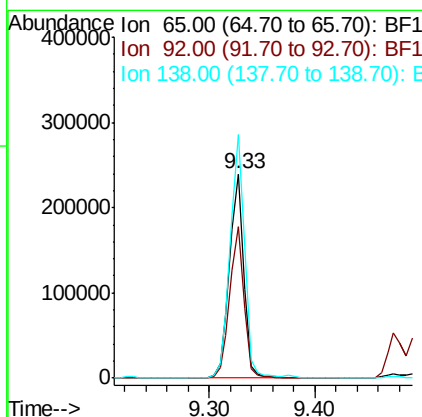
Manual Integrations
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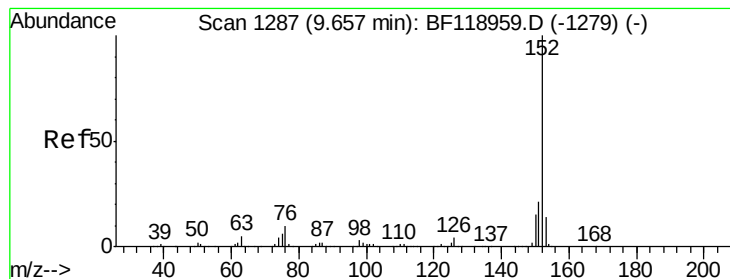
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#48
 2-Nitroaniline
 Concen: 43.621 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	58.2	87.2
138	119.1	95.6	143.4





#49

Acenaphthylene

Concen: 46.175 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:152 Resp: 1255399

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

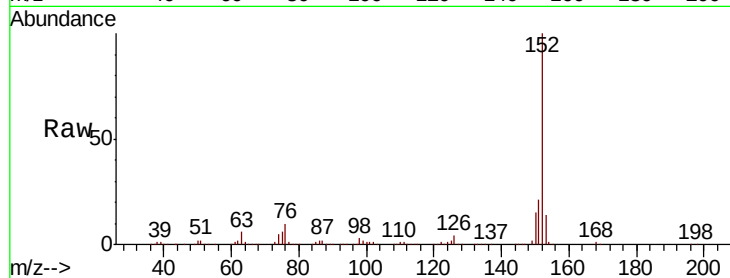
153 13.5 11.0 16.6

Manual Integrations

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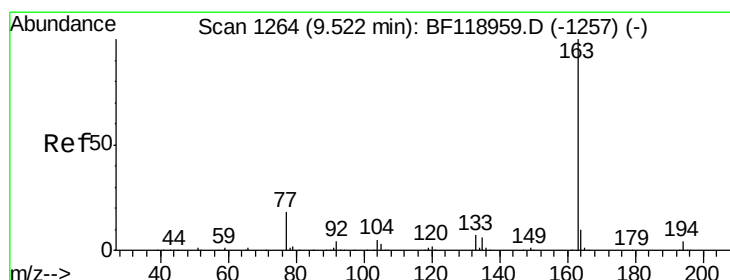
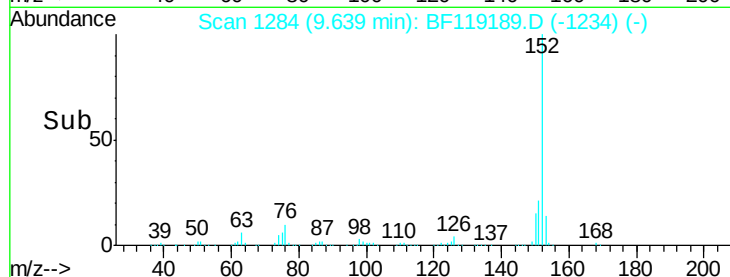
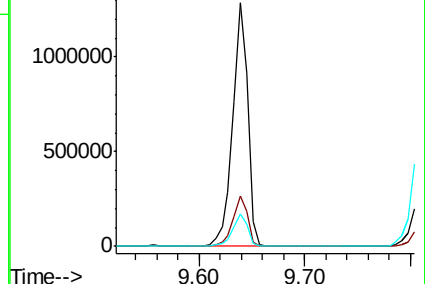
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.043 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

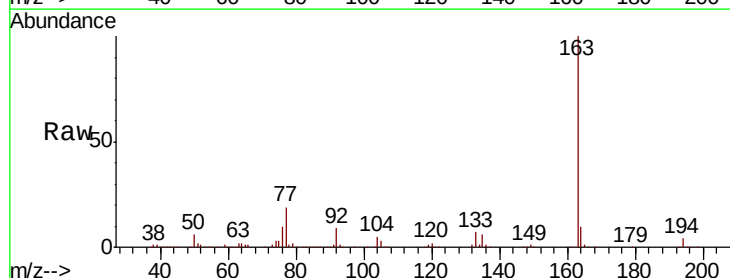
Tgt Ion:163 Resp: 1083943

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

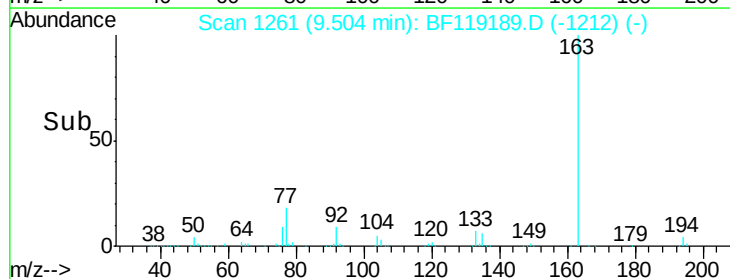
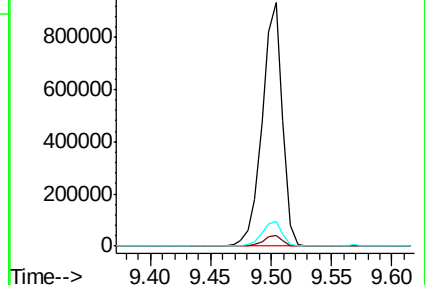
164 10.2 8.4 12.6

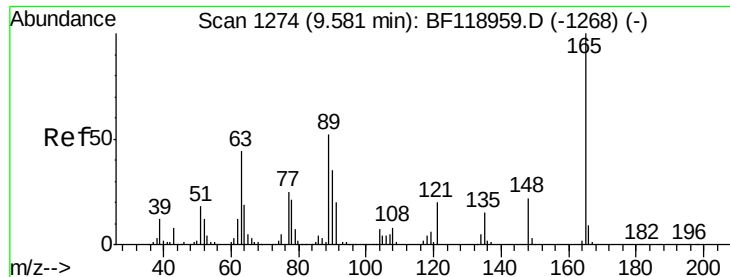


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





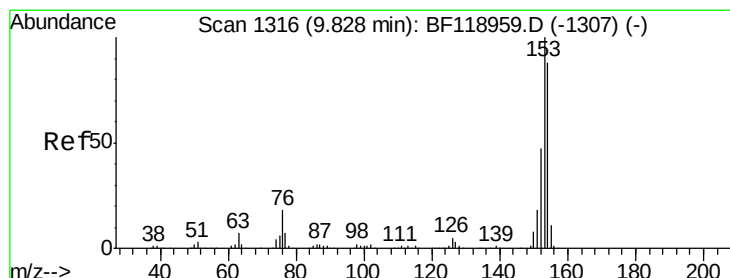
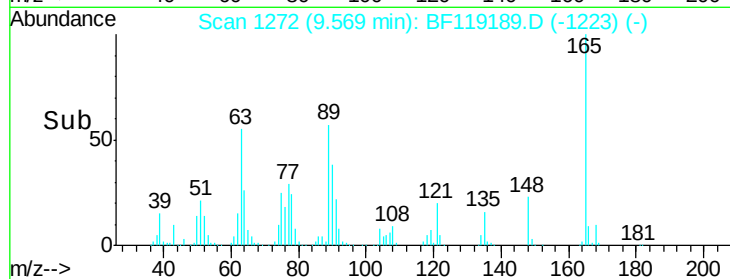
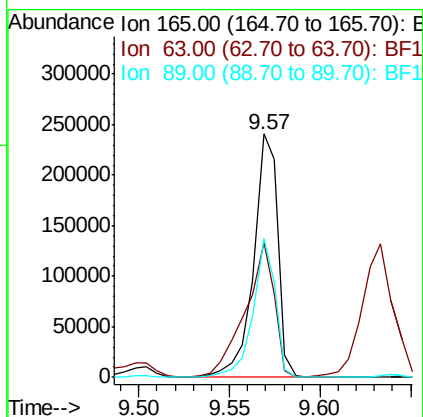
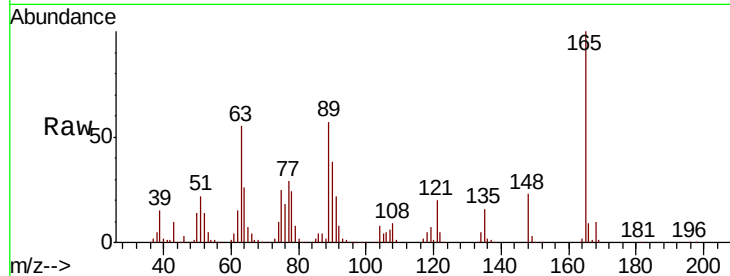
#51
 2,6-Dinitrotoluene
 Concen: 45.431 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.4	34.3	51.5#	
89	56.7	38.3	57.5	

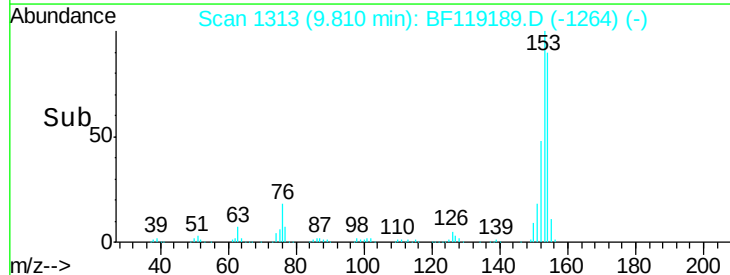
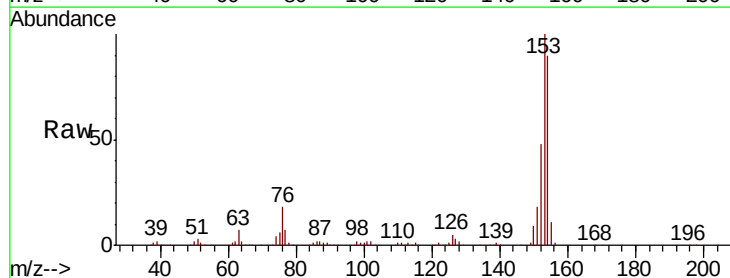
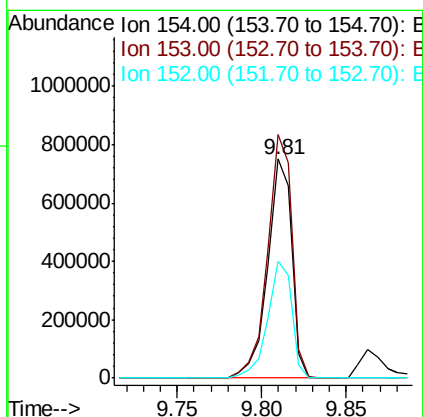
Manual Integrations
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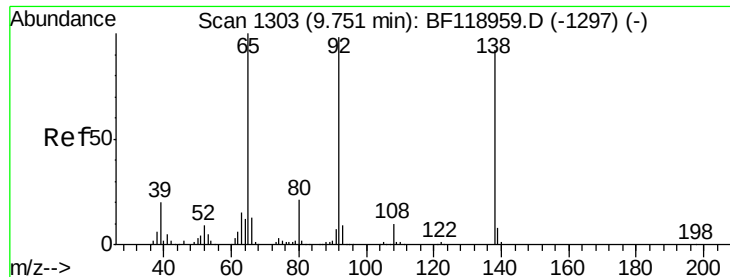
mohammad
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#52
 Acenaphthene
 Concen: 44.879 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.3	90.3	135.5	
152	53.7	43.8	65.8	





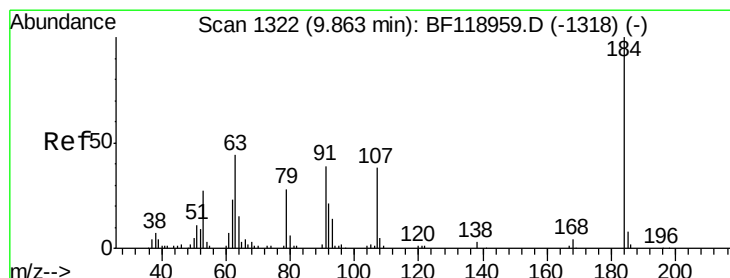
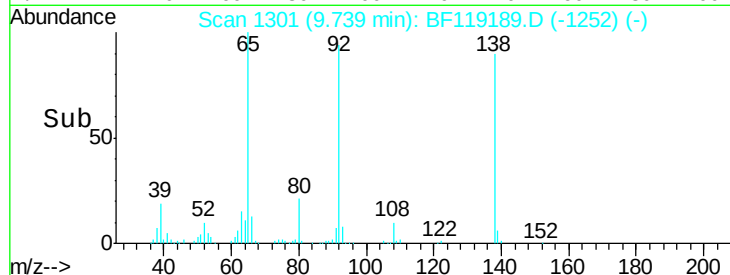
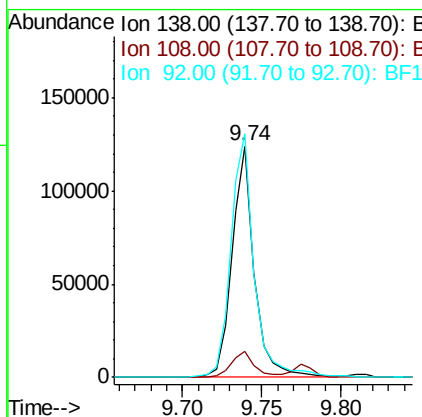
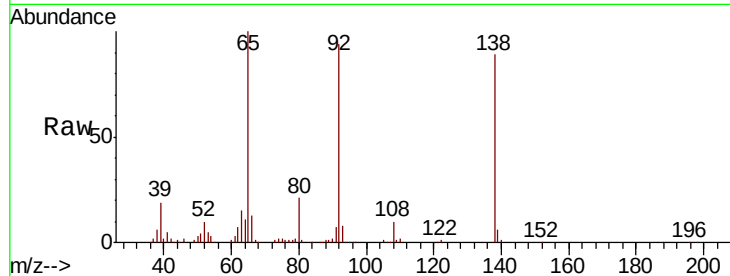
#53
3-Nitroaniline
Concen: 22.173 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.8	13.2
92	105.3	84.8	127.2

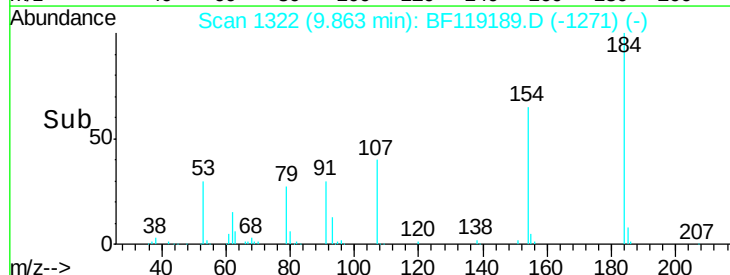
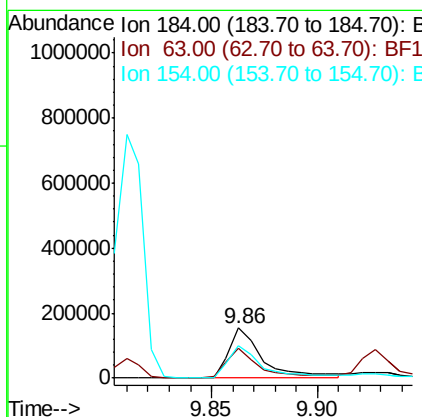
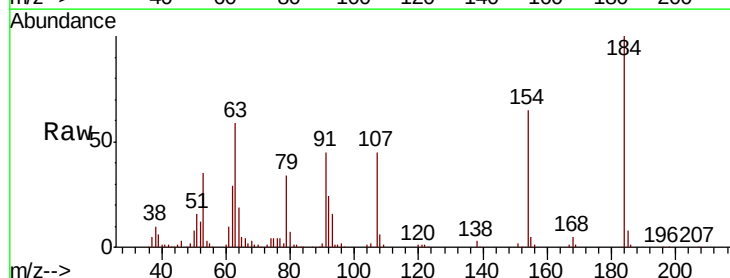
Manual Integrations
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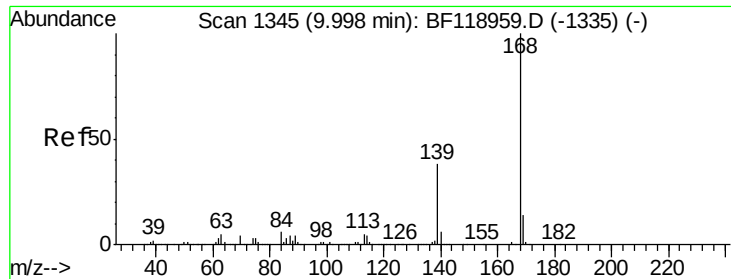
mohammad
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#54
2,4-Dinitrophenol
Concen: 72.741 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.2	38.7	58.1#
154	64.6	49.7	74.5





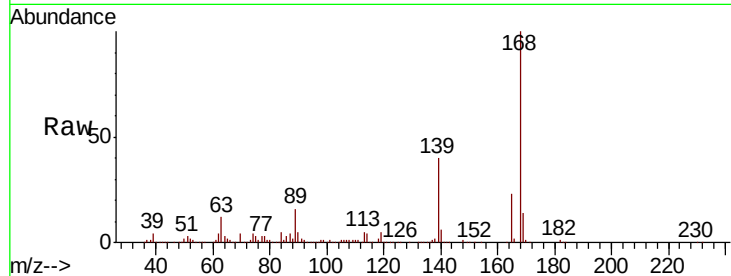
#55
Dibenzenofuran
Concen: 44.337 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	34.0	51.0
169	13.5	11.0	16.4

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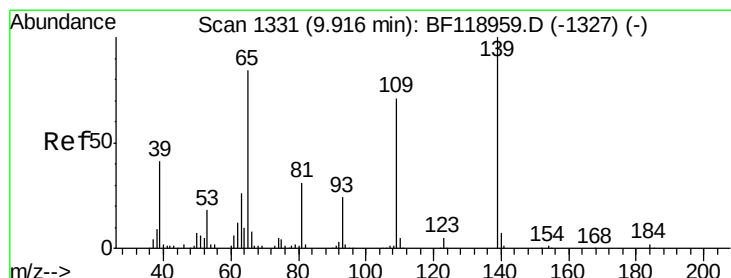
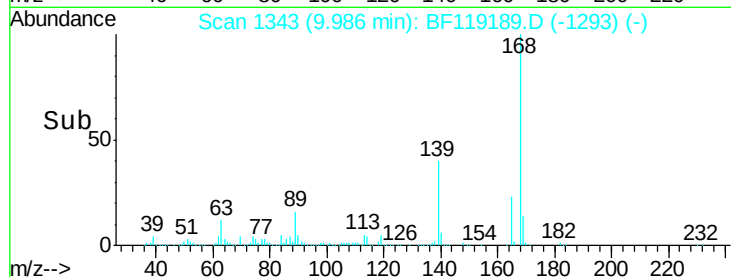
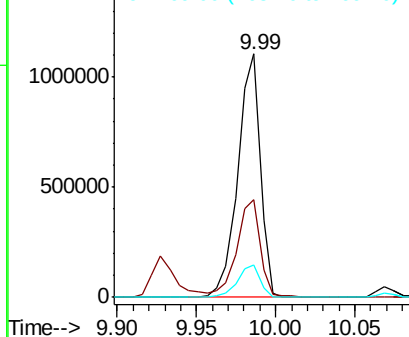


Abundance

Ion 168.00 (167.70 to 168.70): E

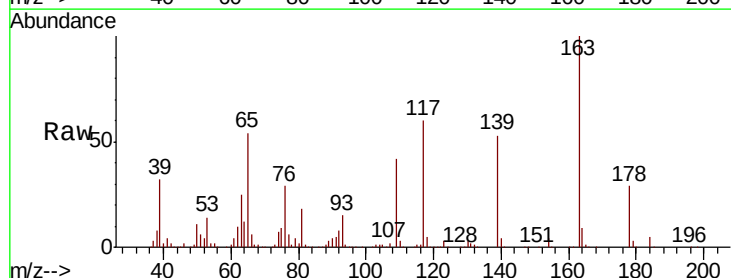
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 60.280 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.1	56.7	96.7
65	101.4	65.0	105.0

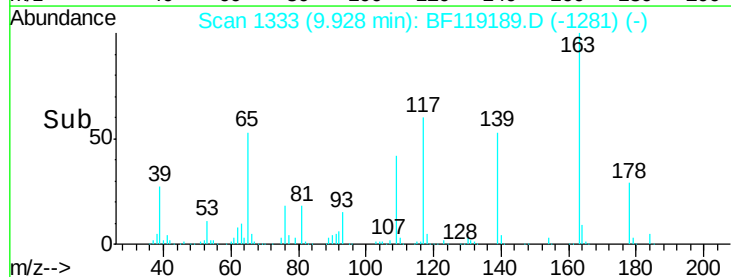
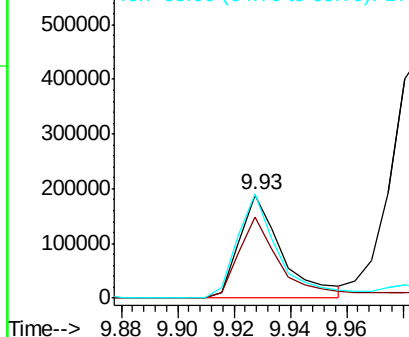


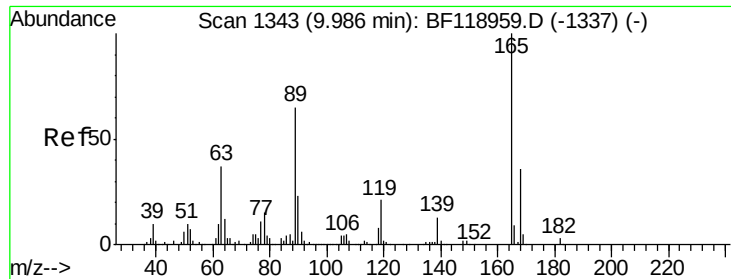
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





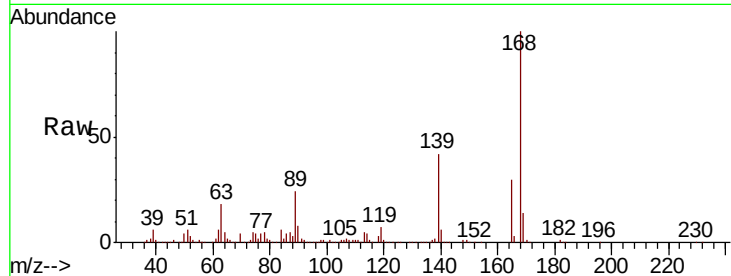
#57
2,4-Dinitrotoluene
Concen: 43.382 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

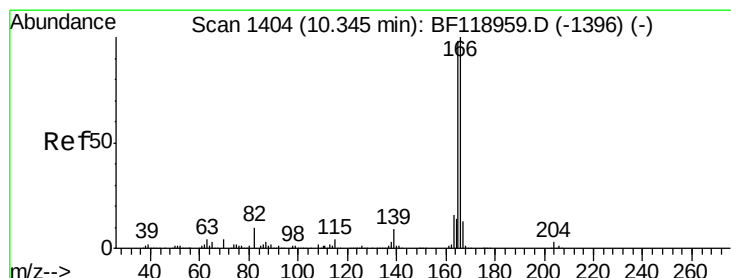
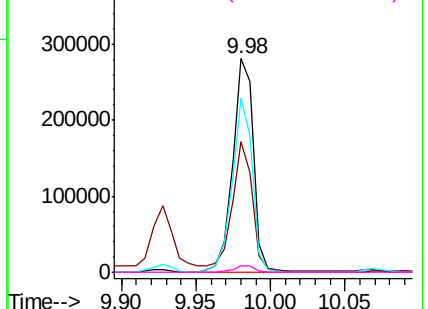
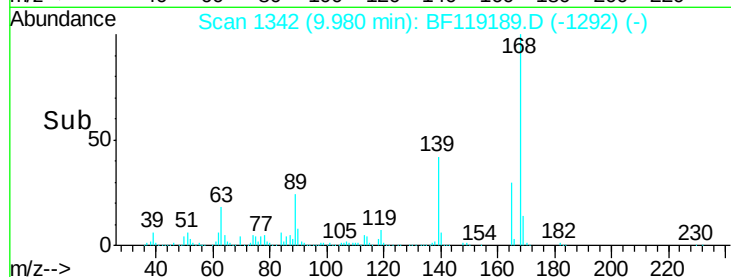
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		276118		
63	61.2	42.3		63.5	
89	81.6	60.2		90.4	
182	3.0	2.3		3.5	

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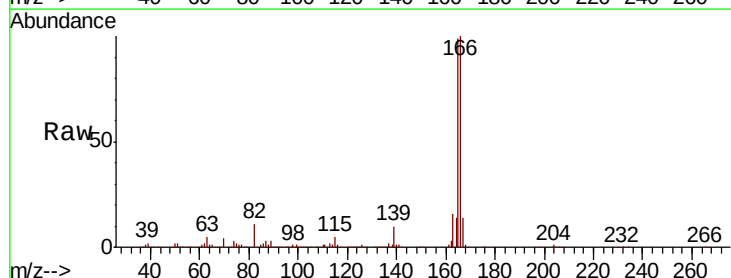


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

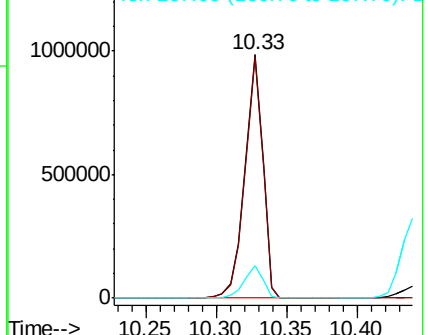
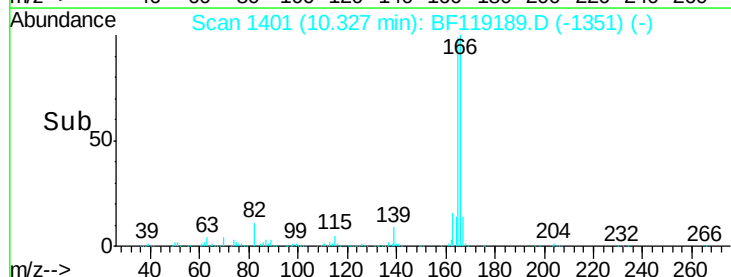


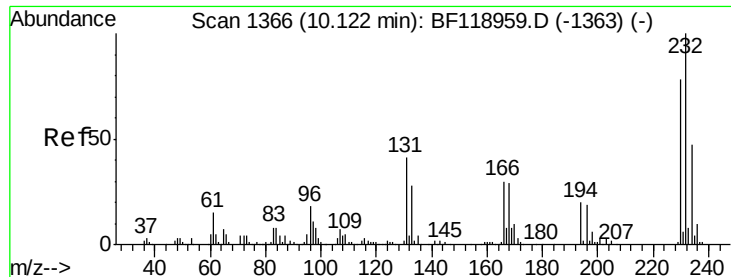
#58
Fluorene
Concen: 46.216 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		878771		
165	98.8	78.5		117.7	
167	13.6	11.0		16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





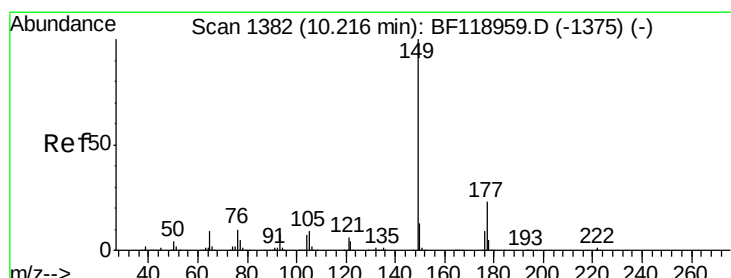
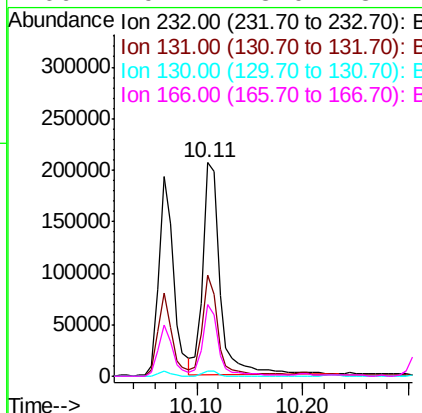
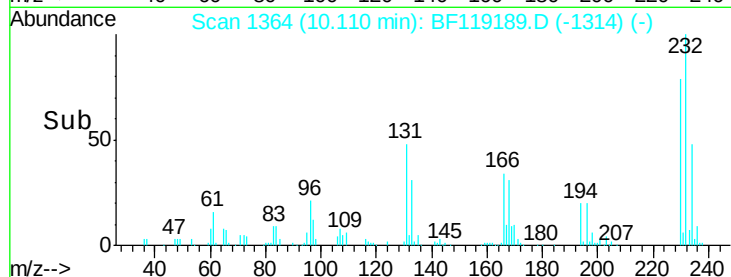
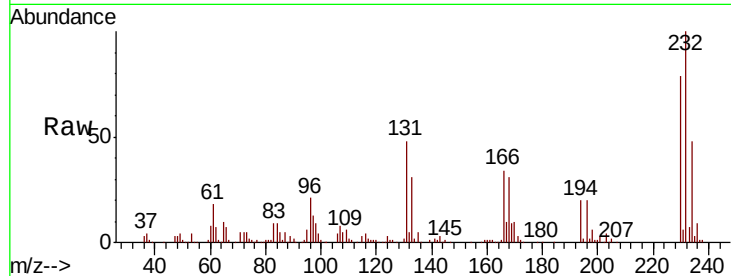
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.481 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	231474		
131	42.0		33.8	50.8
130	2.4		1.8	2.6
166	29.2		23.0	34.4

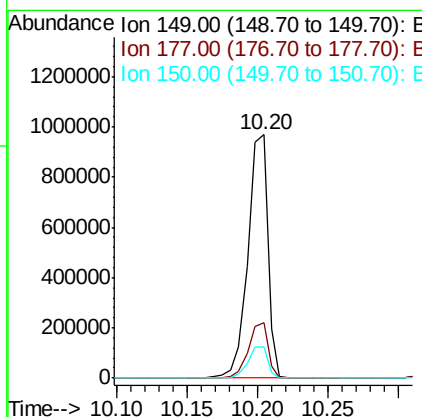
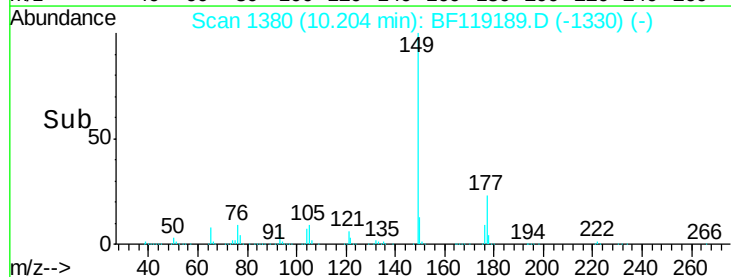
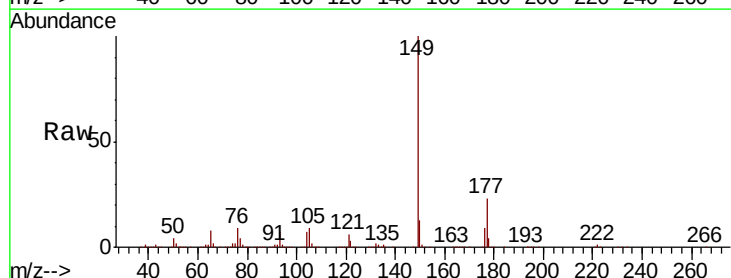
Manual Integrations
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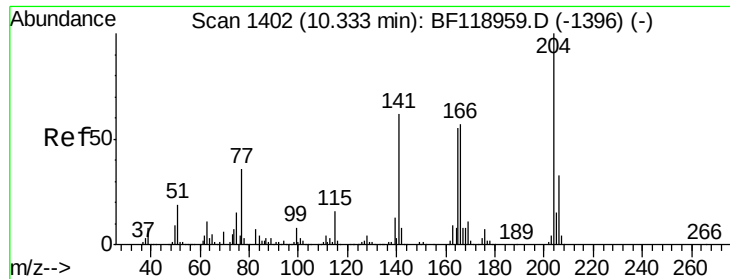
mohammad
3/5/2020 3:54:10 PM



#60
Diethylphthalate
Concen: 46.338 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	965147		
177	22.8		18.2	27.2
150	12.6		10.5	15.7





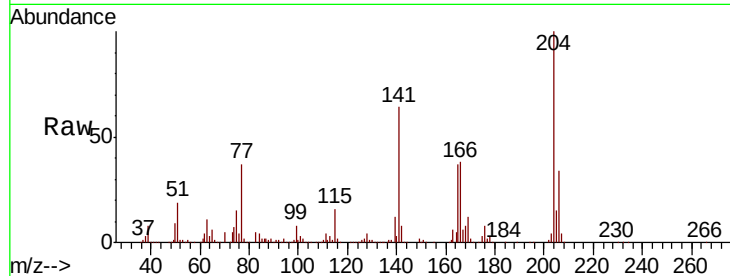
#61
4-Chlorophenyl-phenylether
Concen: 45.946 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.1	40.7
141	64.4	52.9	79.3

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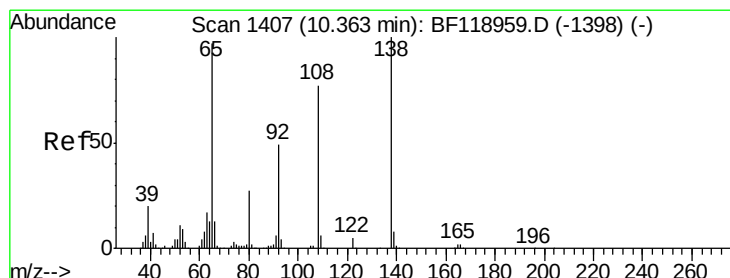
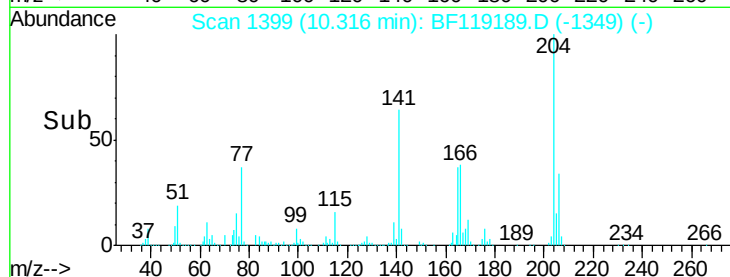
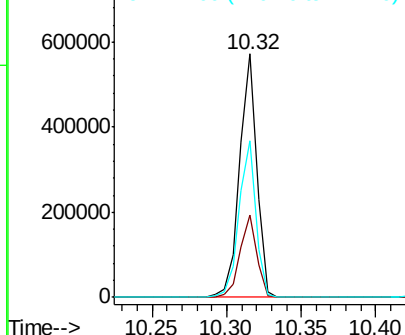


Abundance

Ion 204.00 (203.70 to 204.70): E

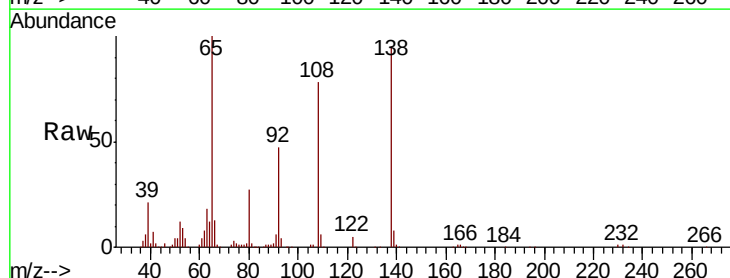
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.066 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	27.3	67.3
108	82.1	57.0	97.0

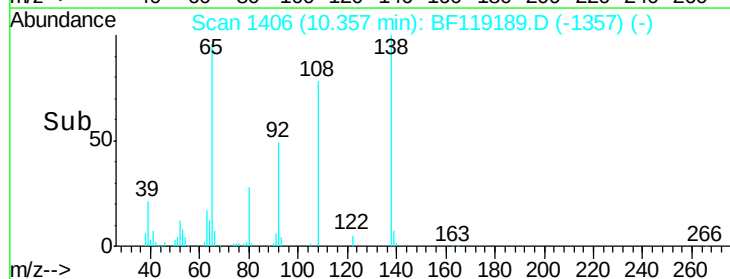
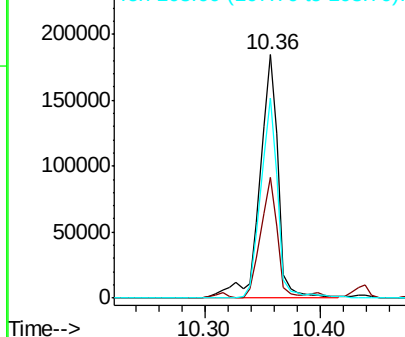


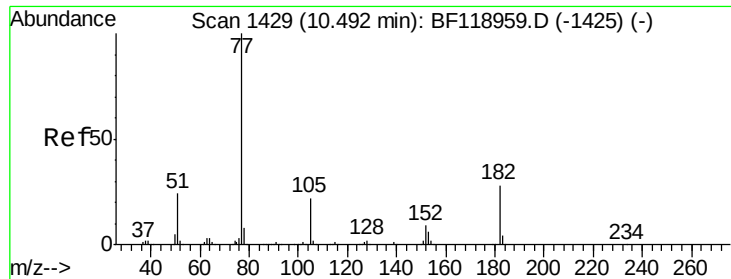
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





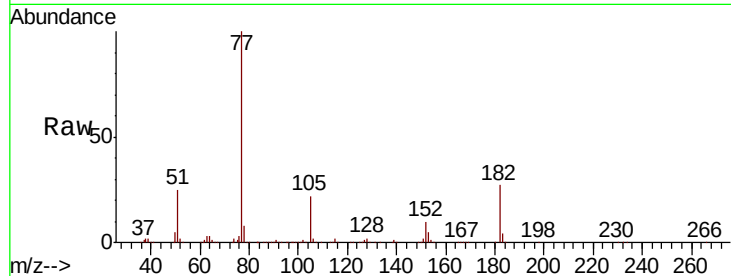
#63
Azobenzene
Concen: 47.025 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

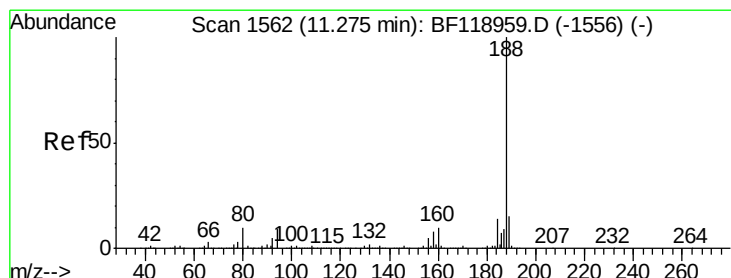
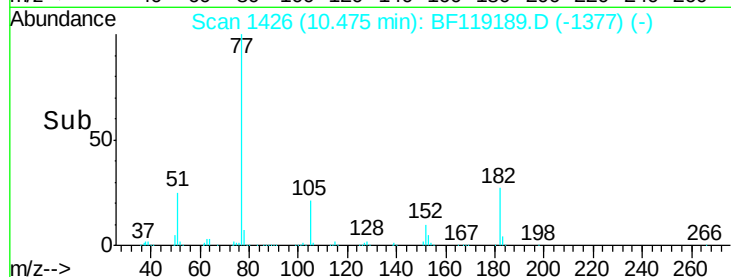
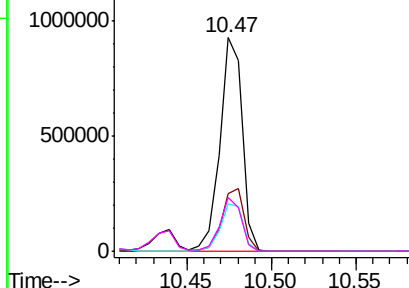
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	11.4	51.4	
105	22.3	3.4	43.4	
51	25.1	5.1	45.1	

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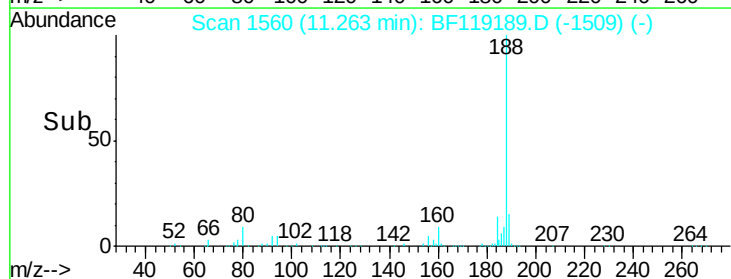
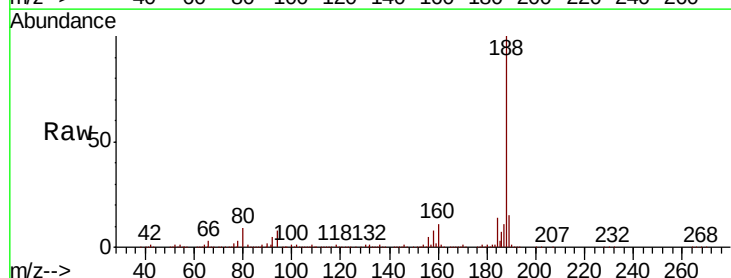
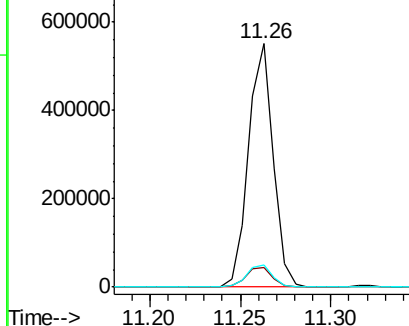
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

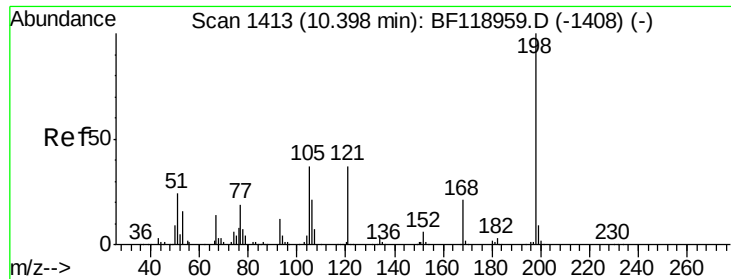


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	9.0	7.8	11.8	

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





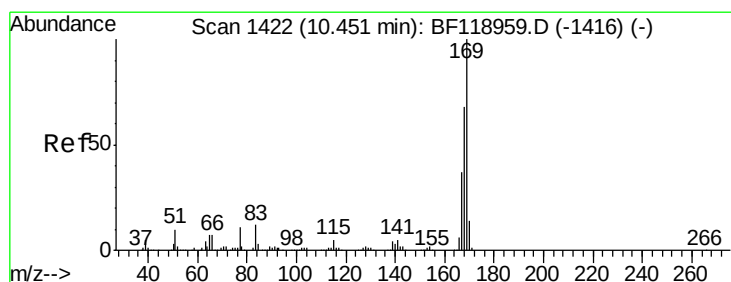
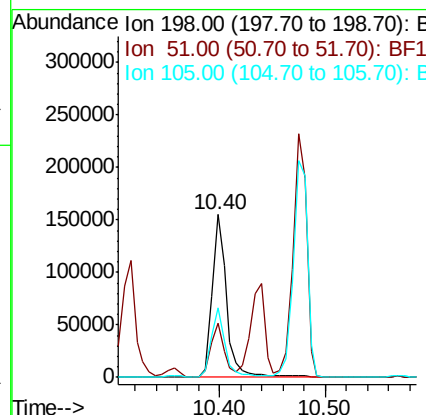
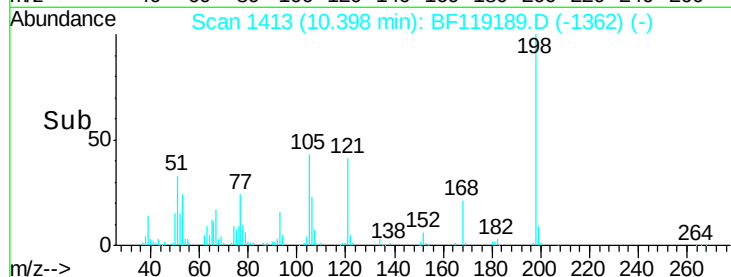
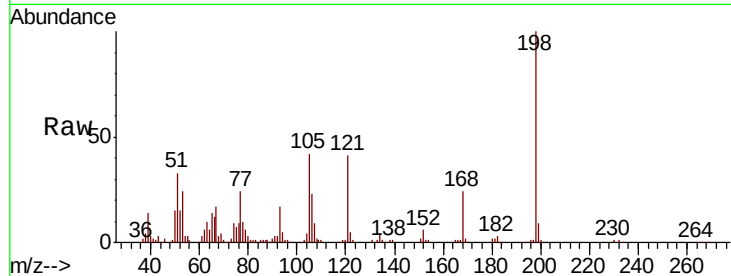
#65
4,6-Dinitro-2-methylphenol
Concen: 47.493 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	149584		
51	33.0	14.2	54.2	
105	42.5	22.7	62.7	

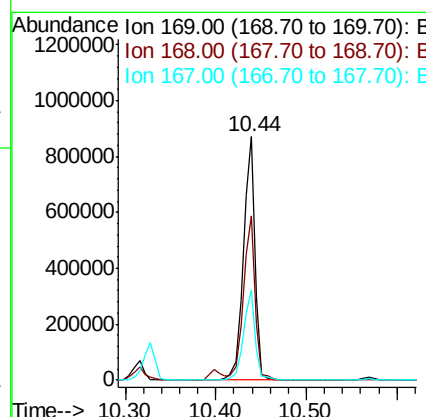
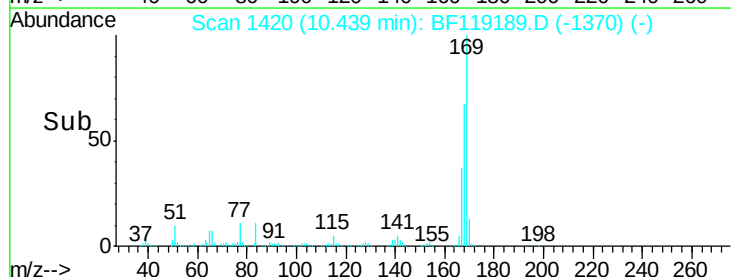
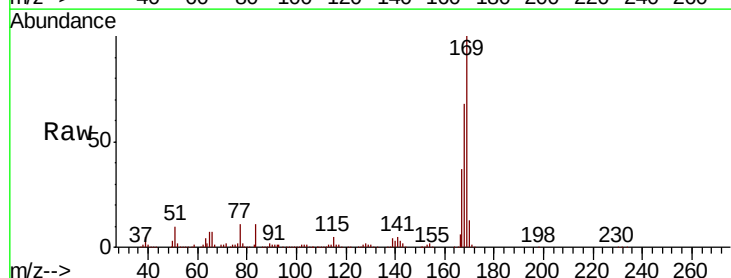
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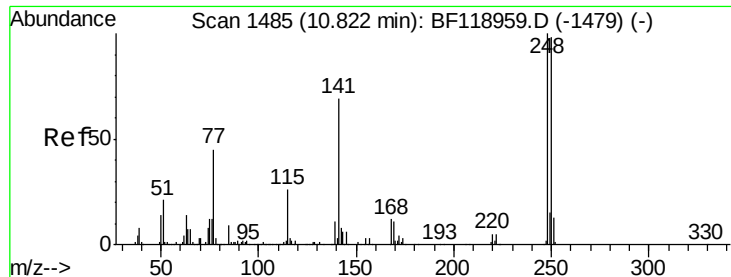
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.584 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	793928		
168	67.5	54.1	81.1	
167	37.0	29.4	44.0	





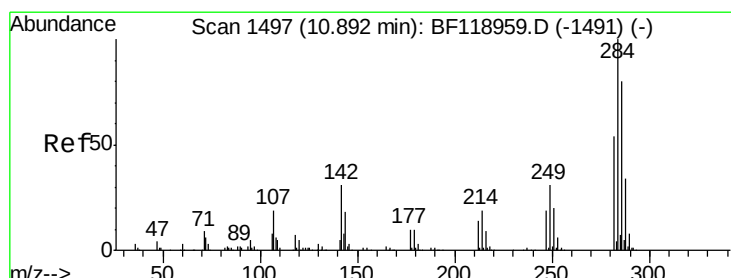
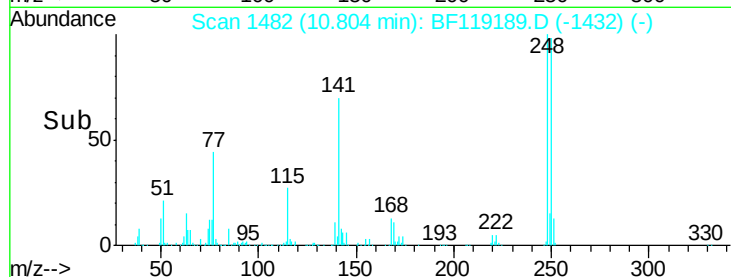
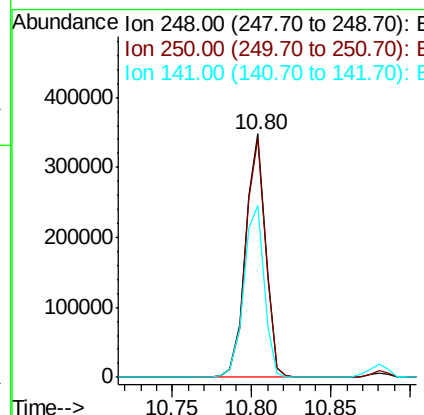
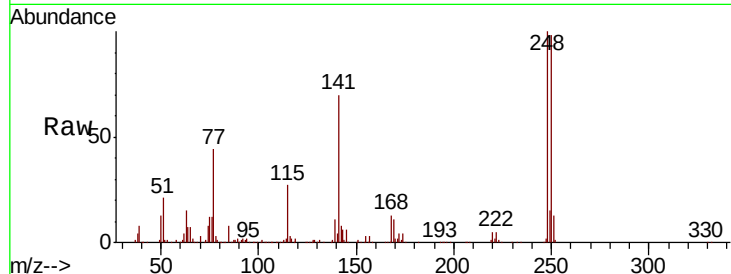
#67
4-Bromophenyl-phenylether
Concen: 44.487 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.7	115.1
141	70.4	60.7	91.1

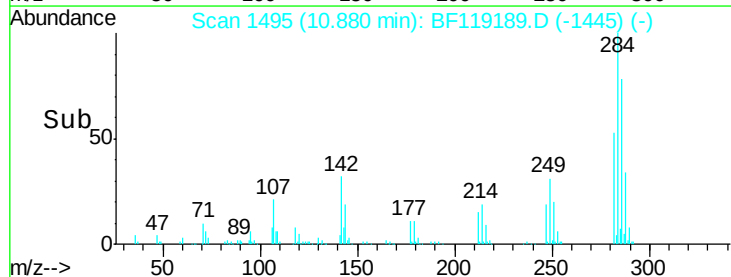
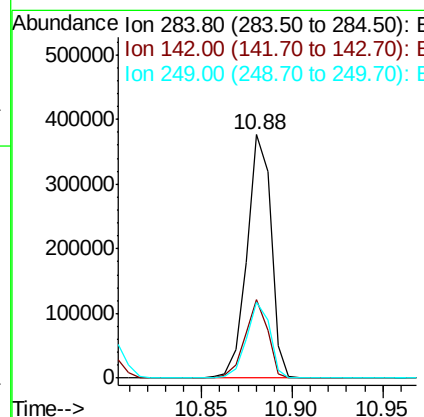
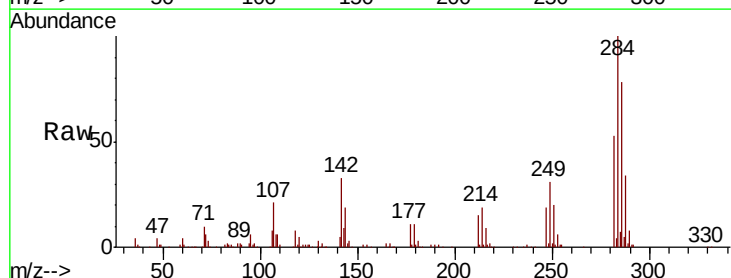
Manual Integrations
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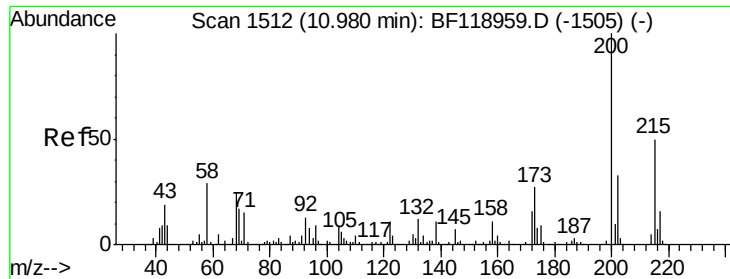
mohammad
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#68
Hexachlorobenzene
Concen: 44.180 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	23.7	35.5
249	31.3	25.0	37.6





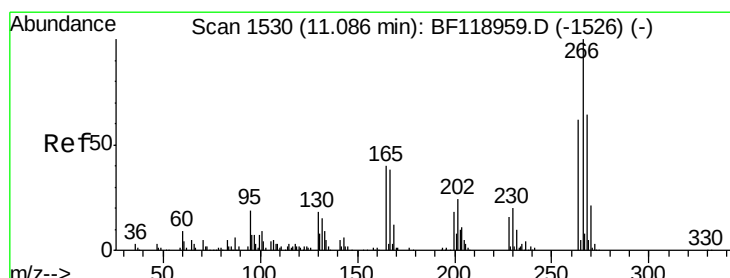
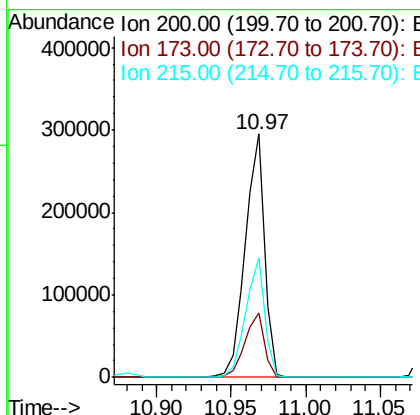
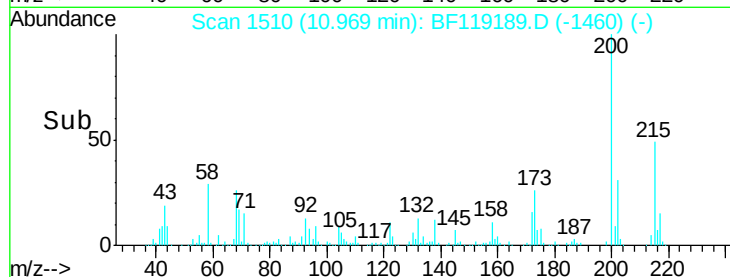
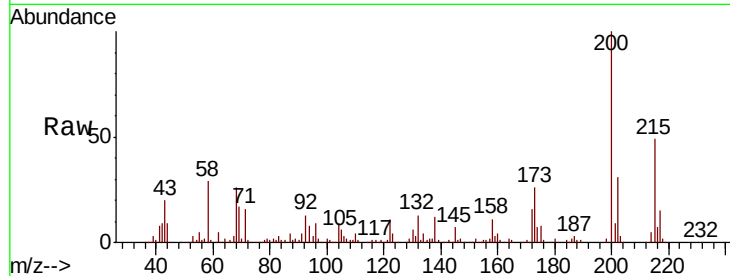
#69
Atrazine
Concen: 44.526 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	6.4	46.4
215	49.3	27.4	67.4

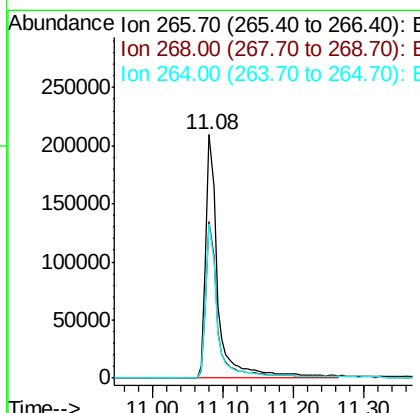
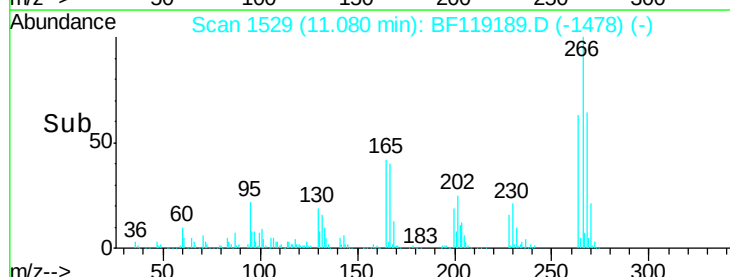
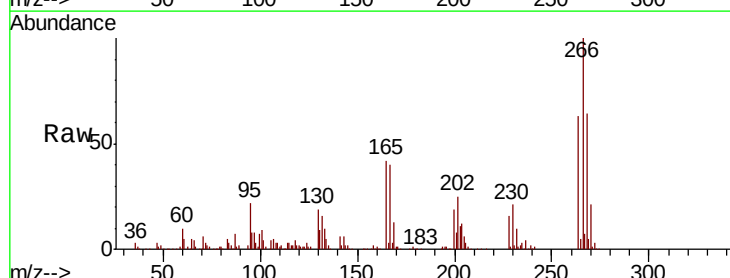
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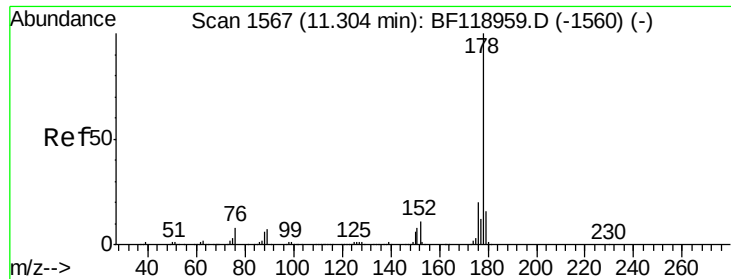
mohammad
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#70
Pentachlorophenol
Concen: 80.989 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.9	77.9
264	63.4	51.0	76.4





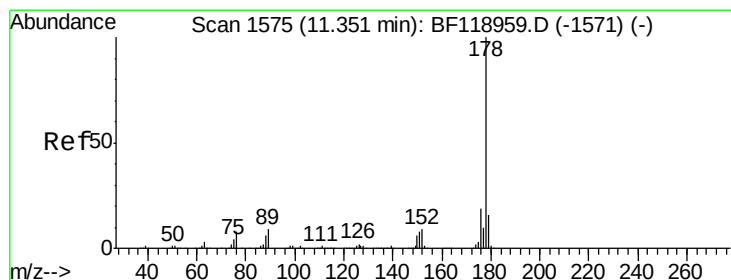
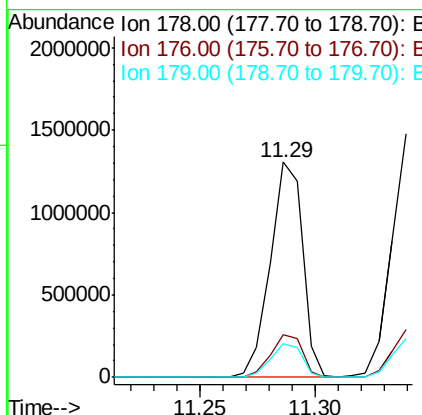
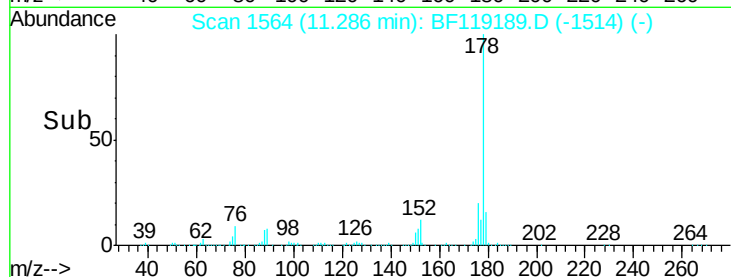
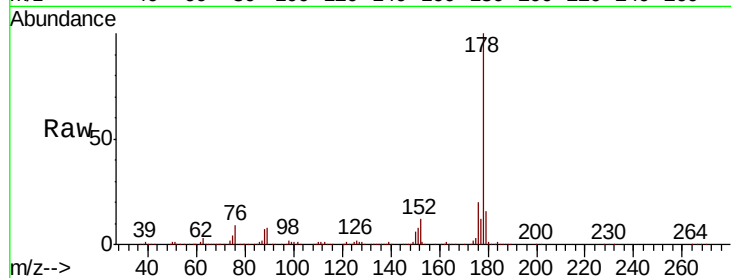
#71
 Phenanthrene
 Concen: 44.950 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.0	16.5	24.7	
179	15.8	13.0	19.6	

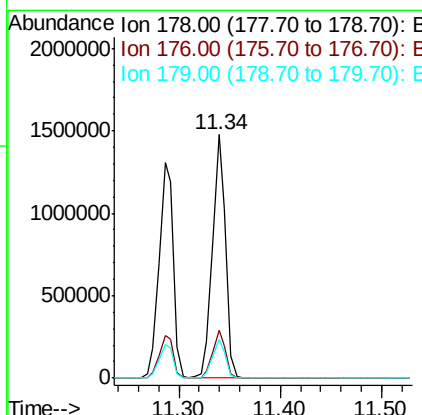
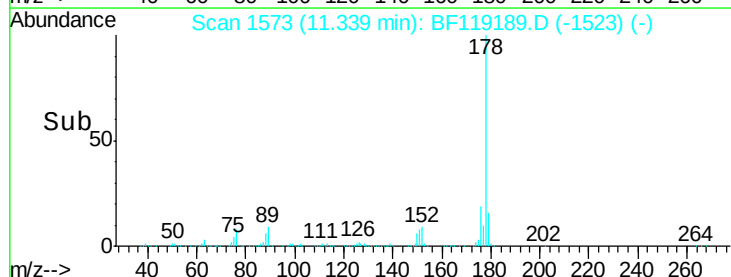
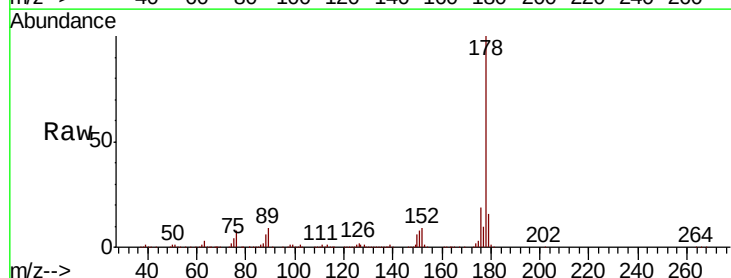
Manual Integrations
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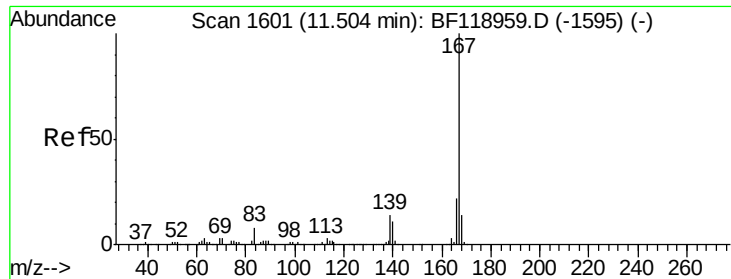
mohammad
 3/5/2020 3:54:10 PM



#72
 Anthracene
 Concen: 46.888 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.5	16.0	24.0	
179	16.1	13.1	19.7	





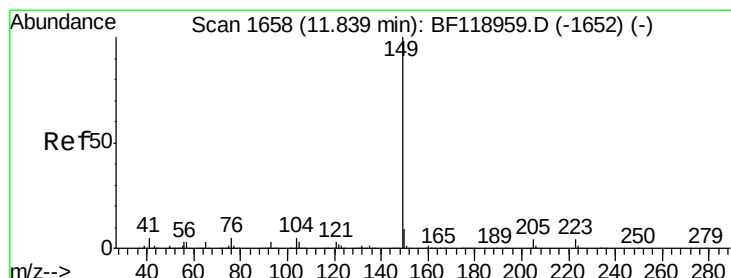
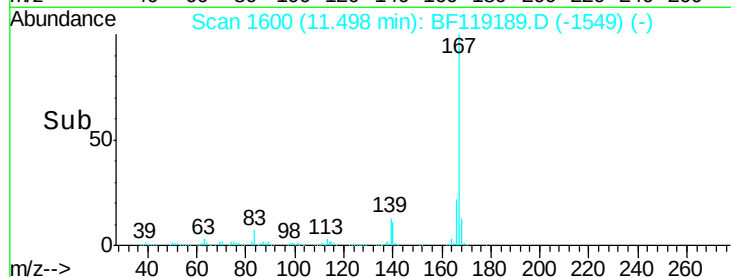
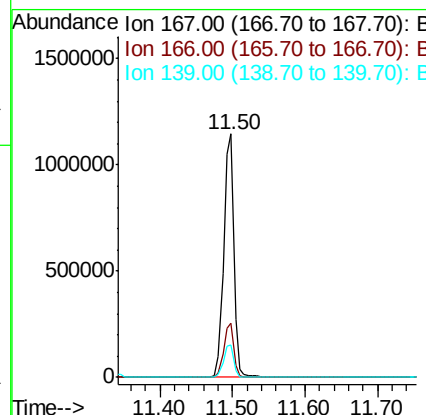
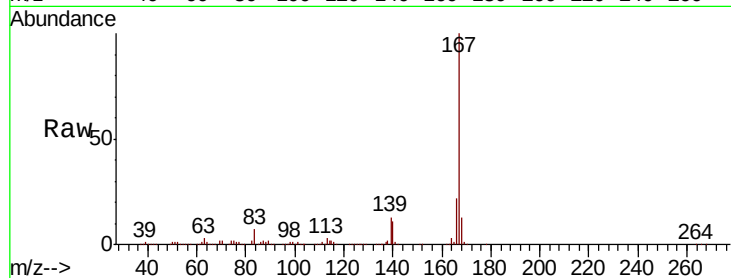
#73
 Carbazole
 Concen: 44.164 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.4	11.7	17.5

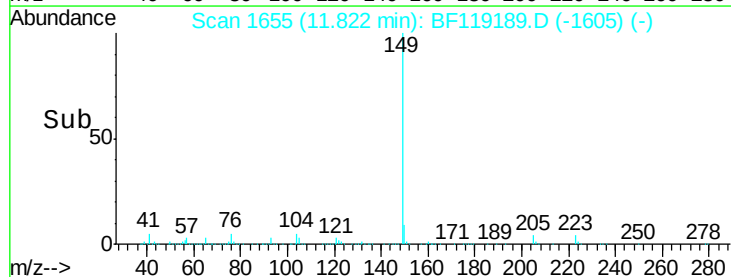
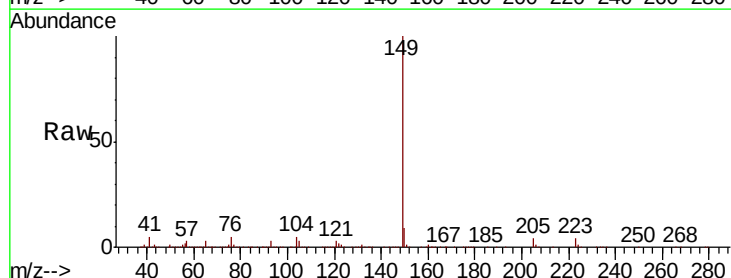
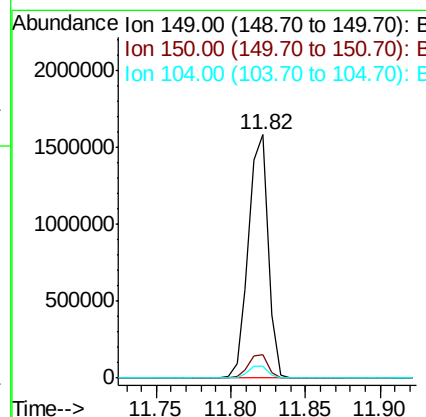
Manual Integrations
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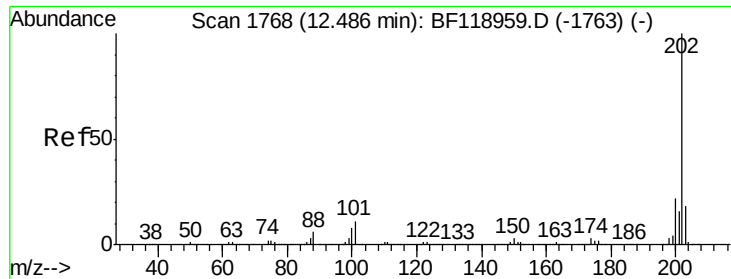
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.565 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8





#75

Fluoranthene

Concen: 42.791 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

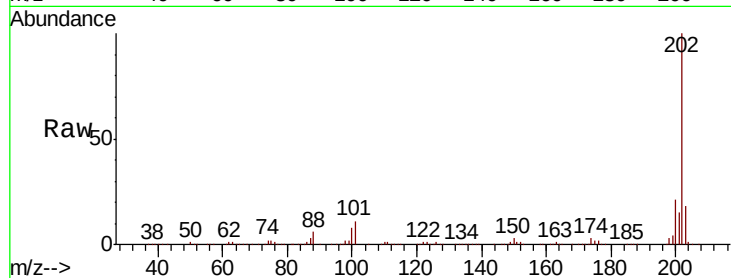
ClientSampleId :

TP-1MS

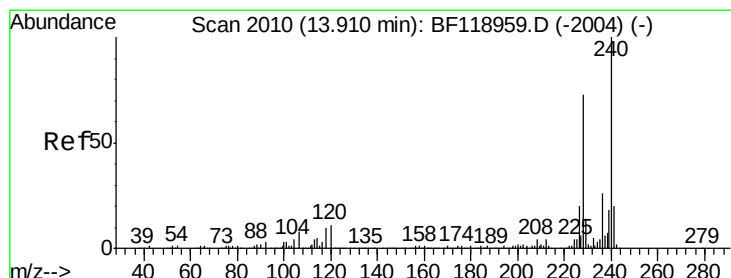
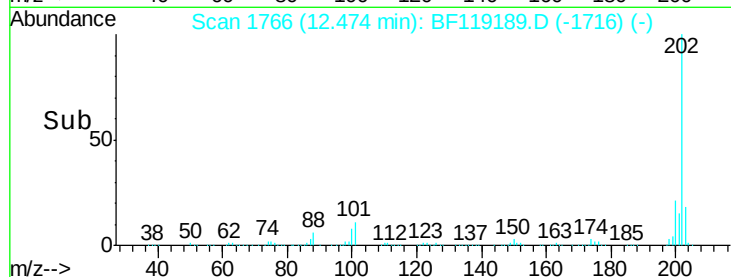
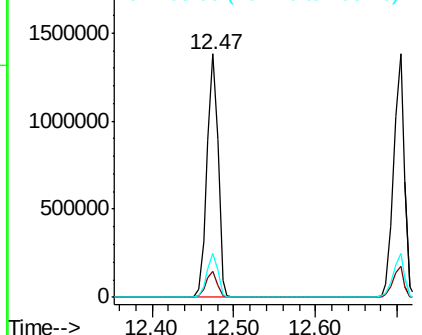
Tot Ion:	202	Resp:	1289316
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.3
203	17.8	0.0	38.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

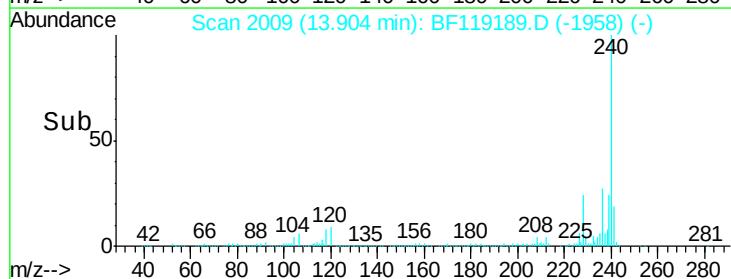
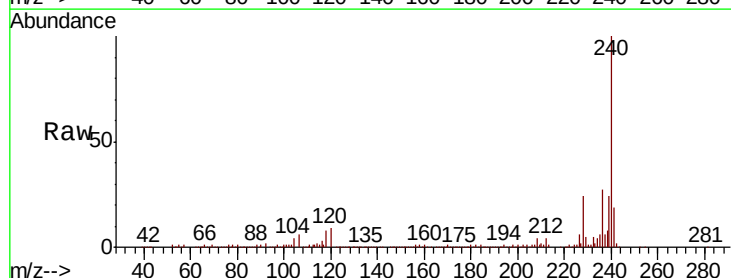
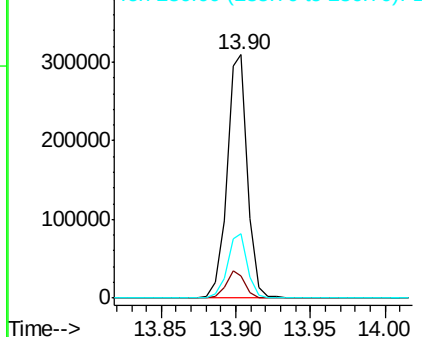
Delta R.T. -0.00 min

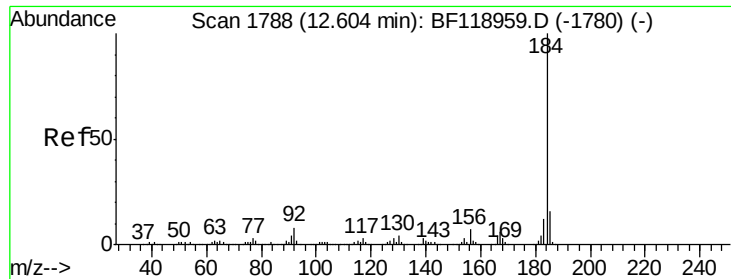
Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	240	Resp:	298988
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.4	12.6
236	26.6	21.0	31.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.191 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

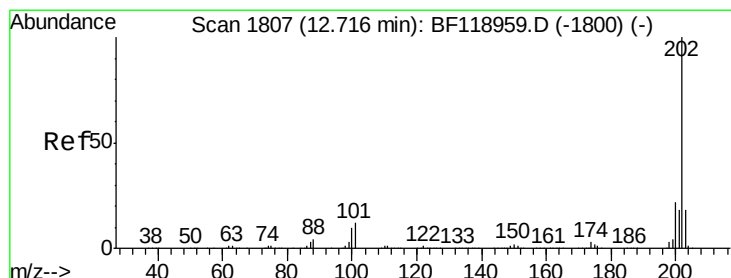
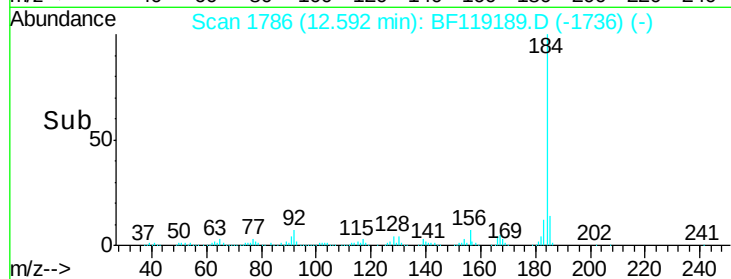
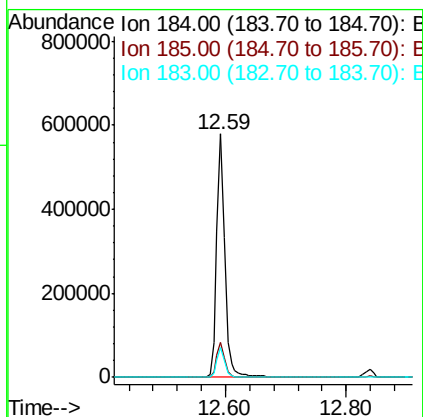
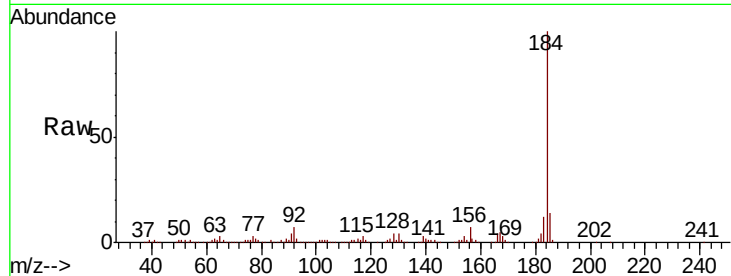
ClientSampleId :

TP-1MS

Tot Ion:	184	Resp:	549505
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	12.2	9.9	14.9

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#78

Pyrene

Concen: 53.238 ng

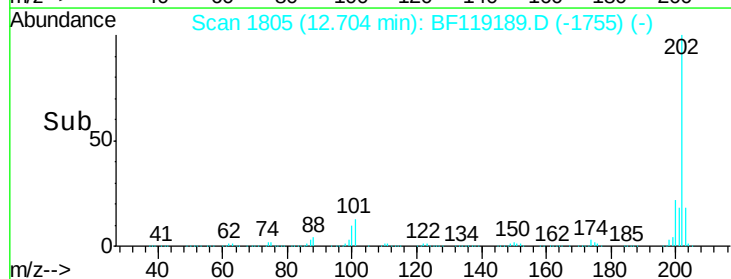
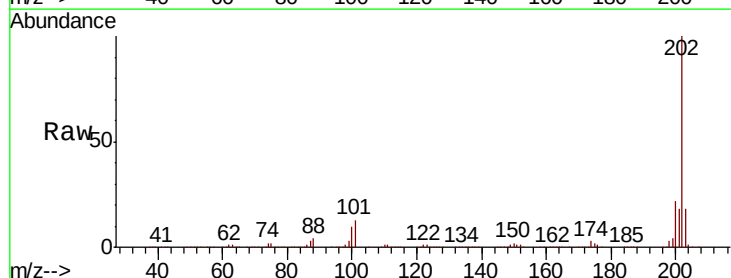
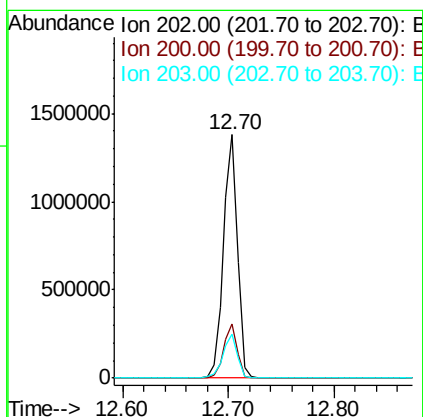
RT: 12.70 min Scan# 1805

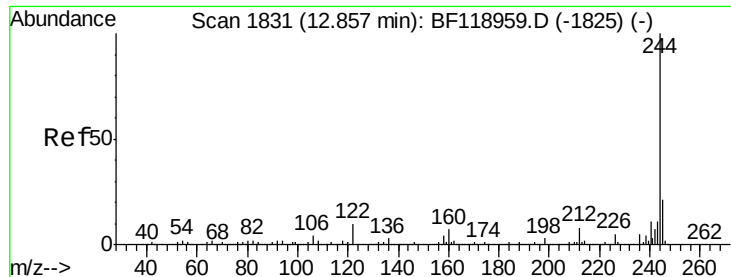
Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	202	Resp:	1278157
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.0	27.0
203	17.9	14.6	22.0





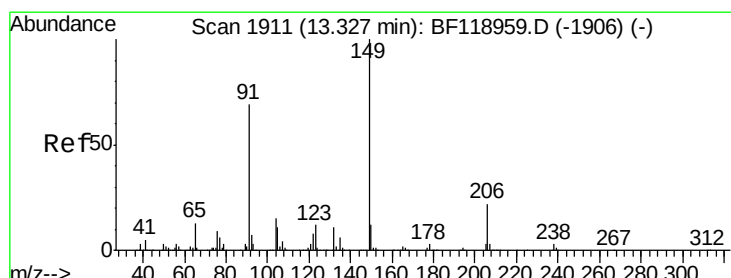
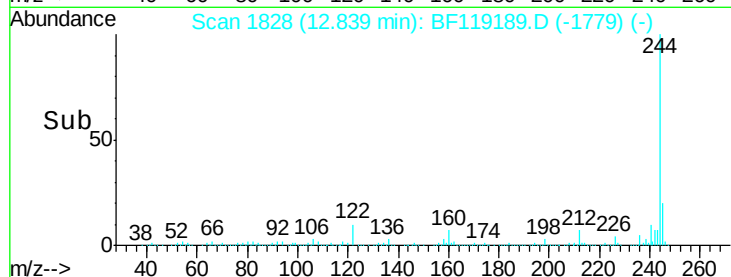
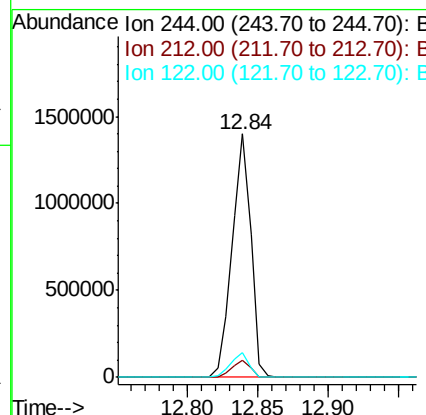
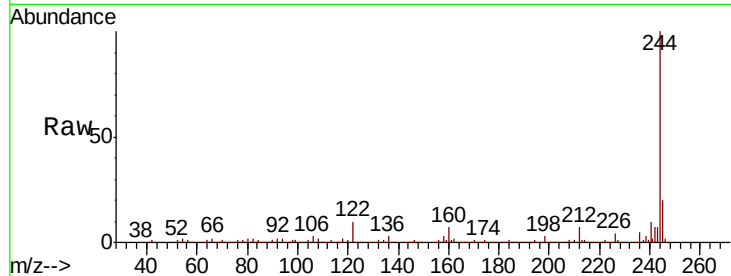
#79
 Terphenyl-d14
 Concen: 74.504 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	10.1	8.2	12.2

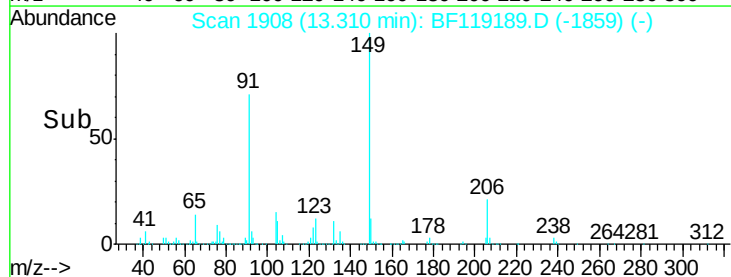
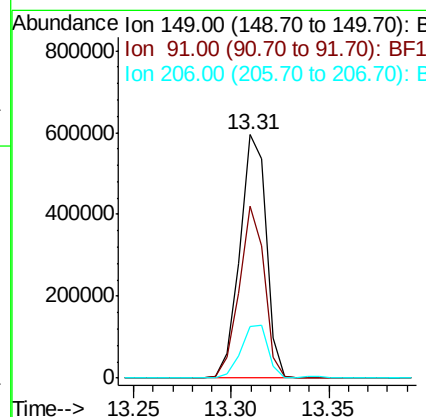
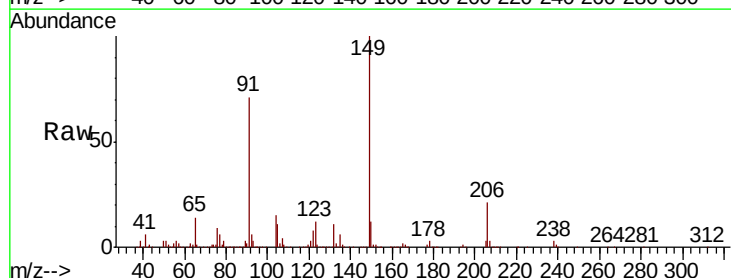
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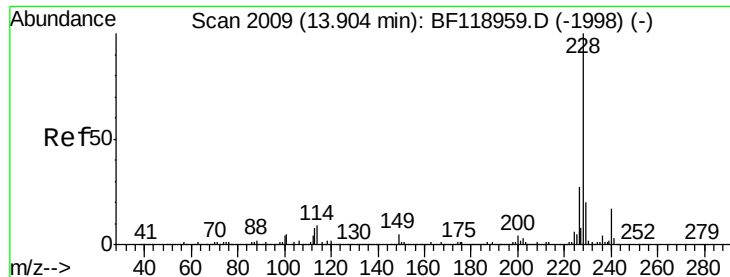
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#80
 Butylbenzylphthalate
 Concen: 55.314 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	52.3	78.5
206	21.2	18.5	27.7





#81

Benzo(a)anthracene

Concen: 47.436 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

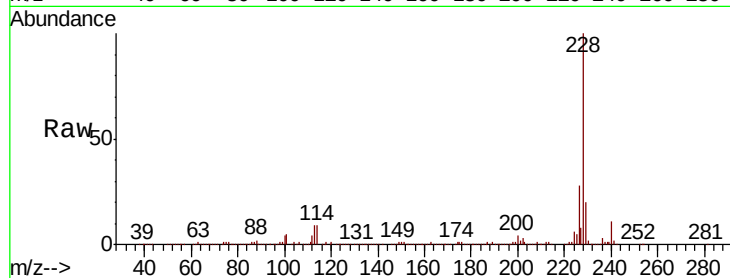
ClientSampleId :

TP-1MS

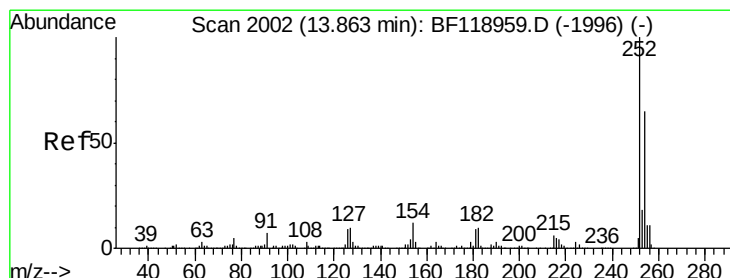
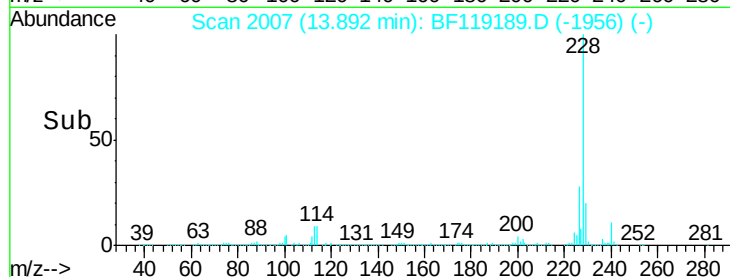
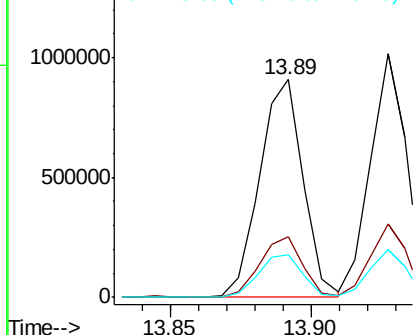
Tot Ion:	228	Resp:	966366
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.7	16.6	24.8

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



#82

3,3'-Dichlorobenzidine

Concen: 31.869 ng

RT: 13.84 min Scan# 1999

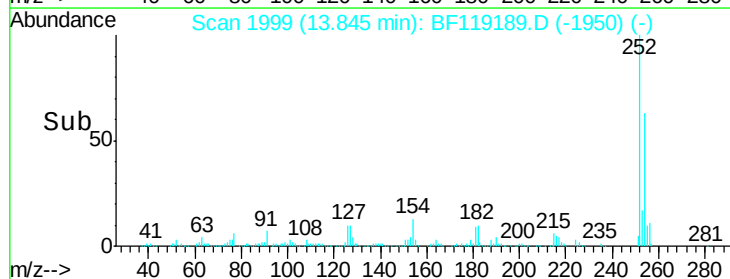
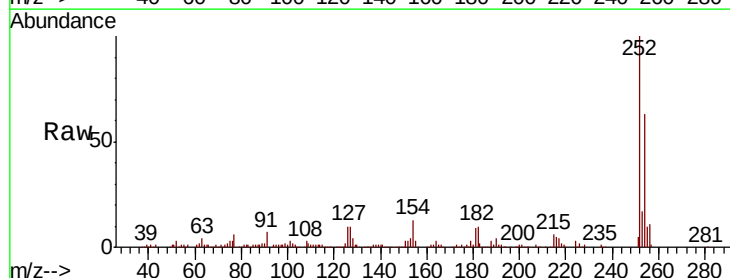
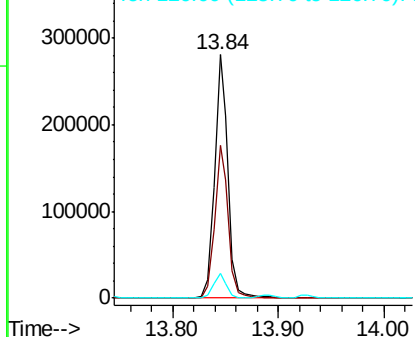
Delta R.T. -0.01 min

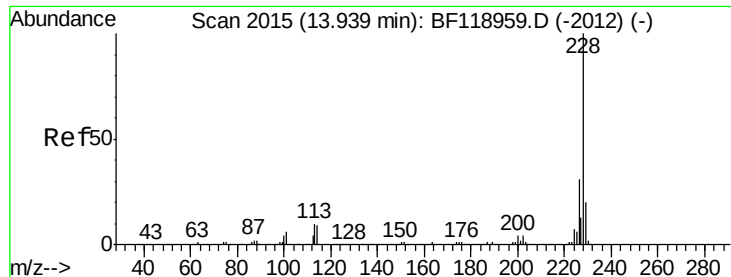
Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	252	Resp:	252100
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.6	77.4
126	10.3	7.4	11.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





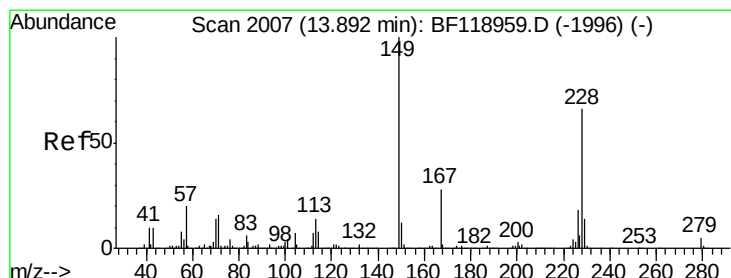
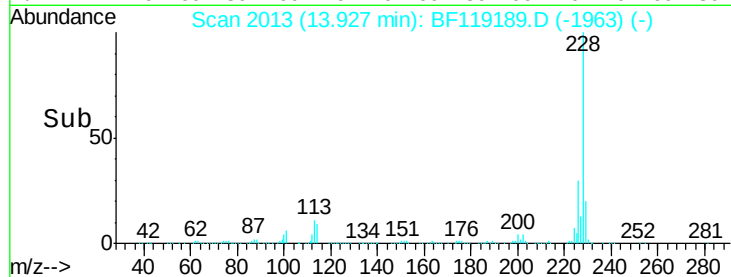
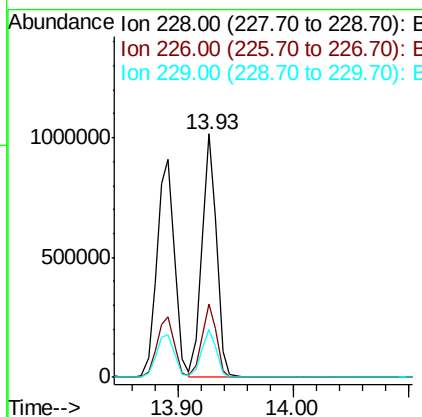
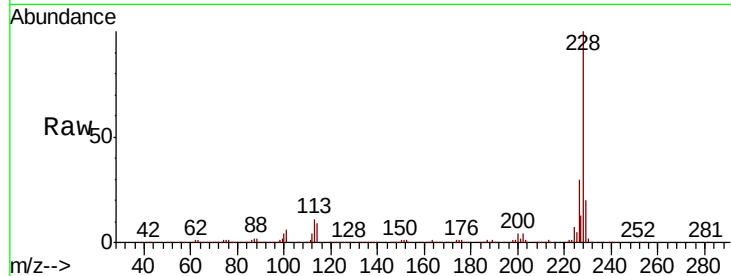
#83
 Chrysene
 Concen: 44.832 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	19.7	16.3	24.5

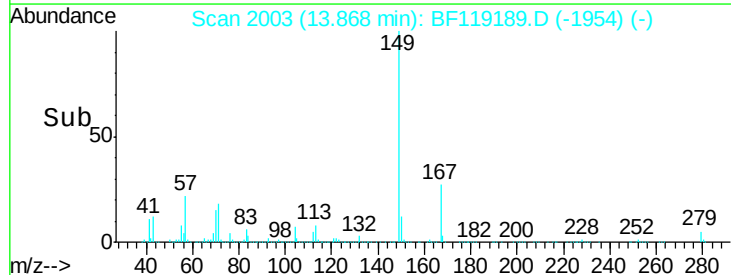
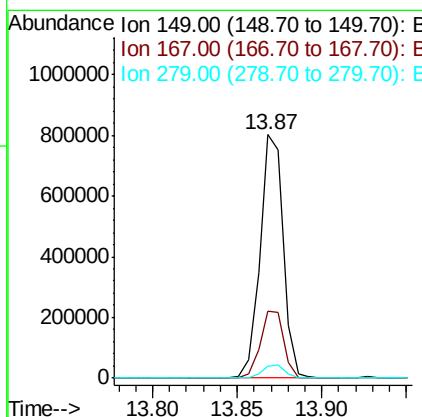
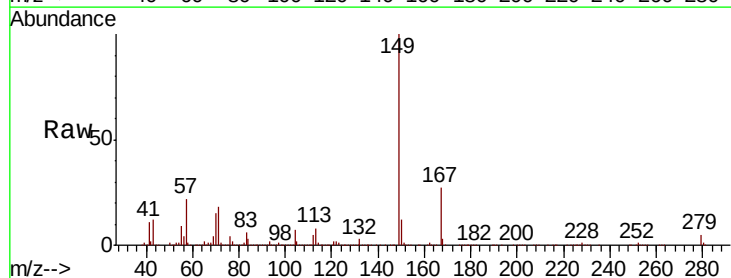
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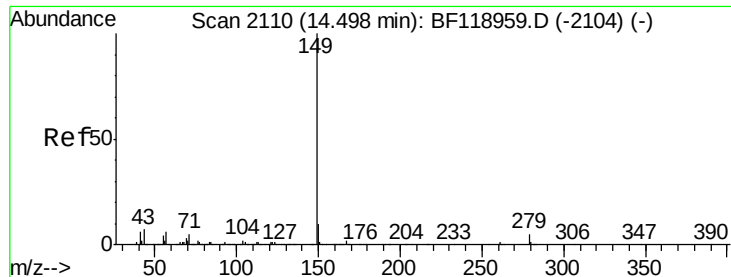
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.899 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.8	34.2
279	4.9	4.6	6.8





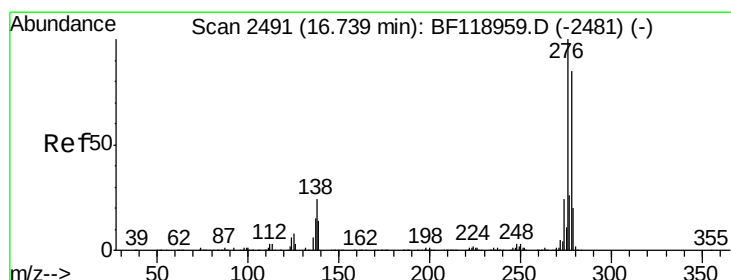
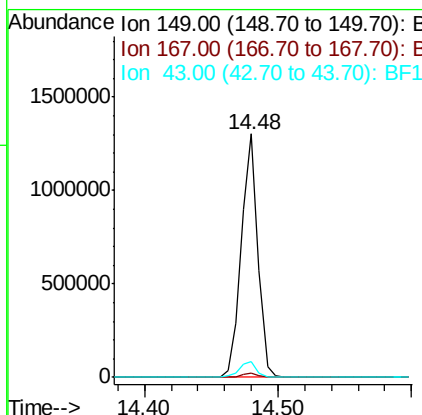
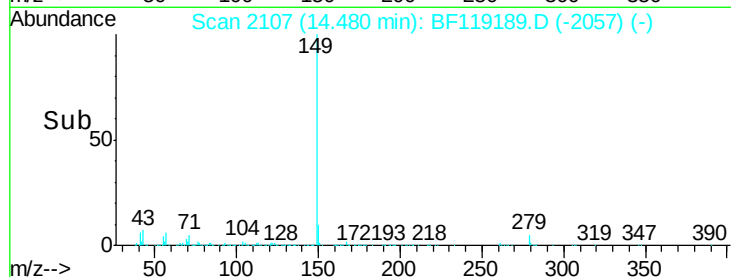
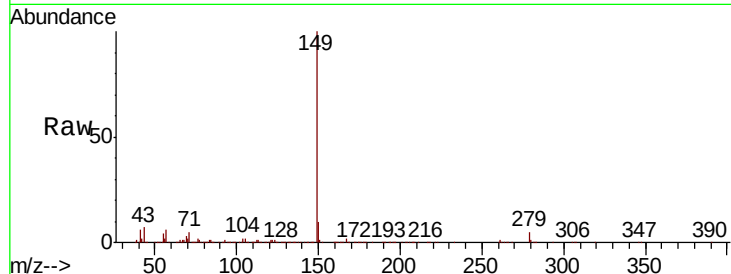
#85
Di-n-octyl phthalate
Concen: 55.146 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.7	5.7	8.5

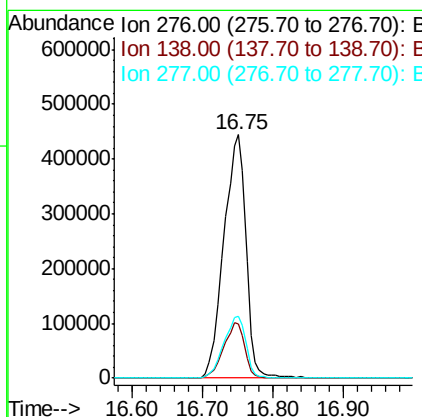
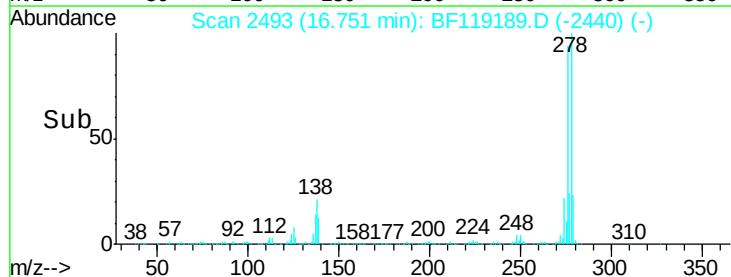
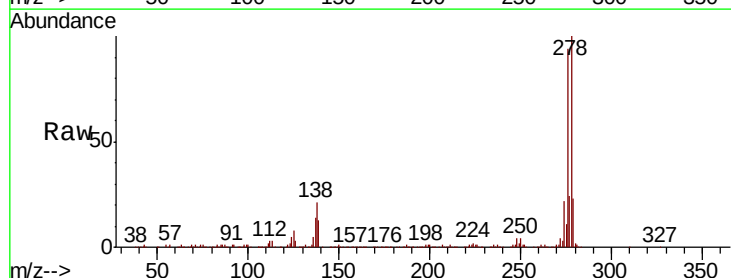
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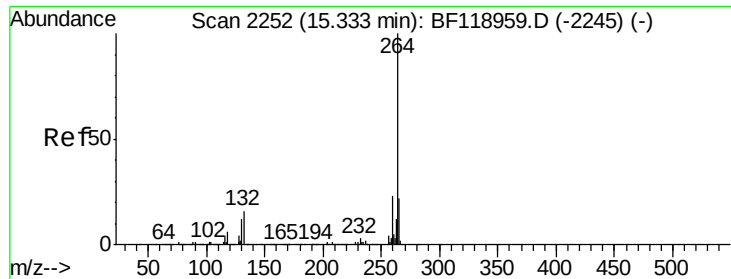
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.377 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.4	26.0
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

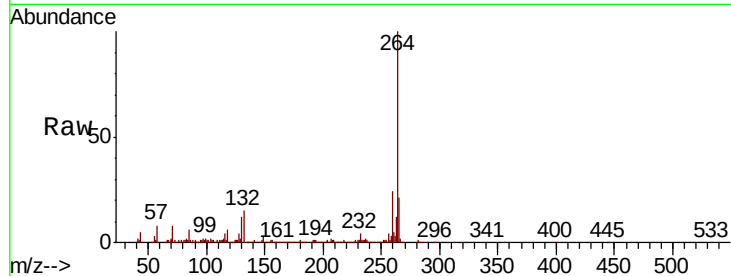
ClientSampleId :

TP-1MS

Tot Ion:	264	Resp:	270667
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	21.3	17.7	26.5

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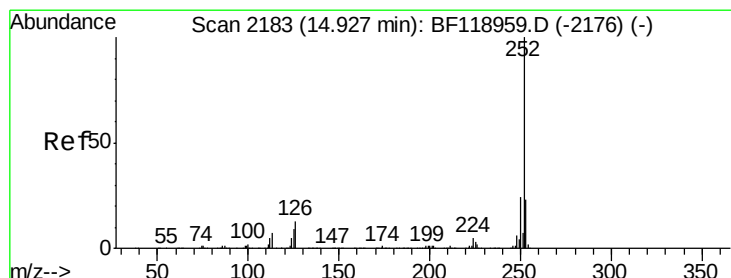
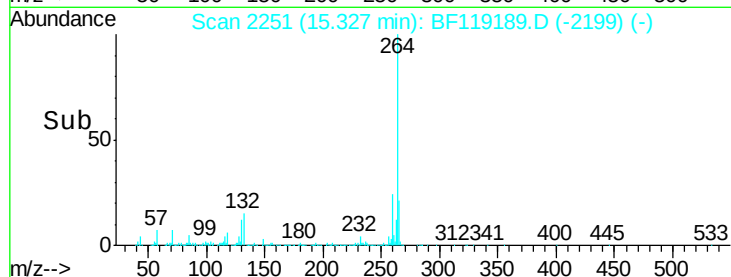
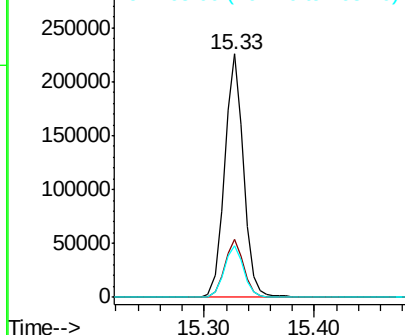


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 44.877 ng

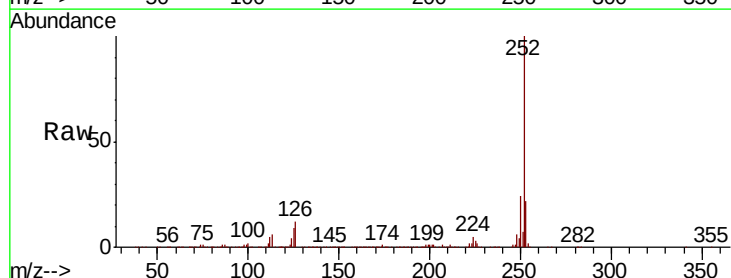
RT: 14.92 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:	252	Resp:	800638
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	8.7	7.4	11.0

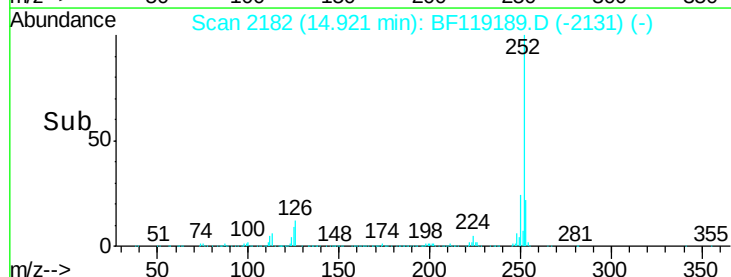
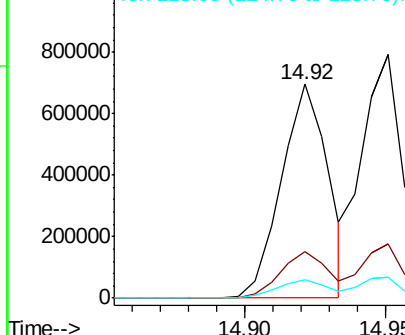


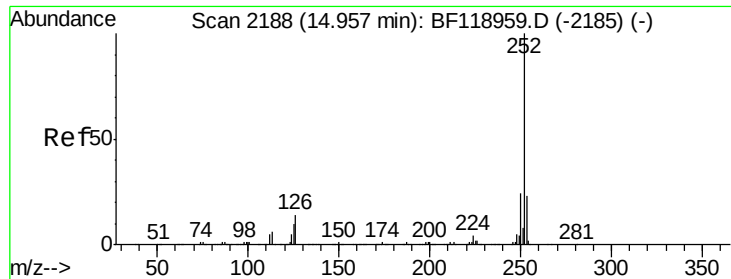
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





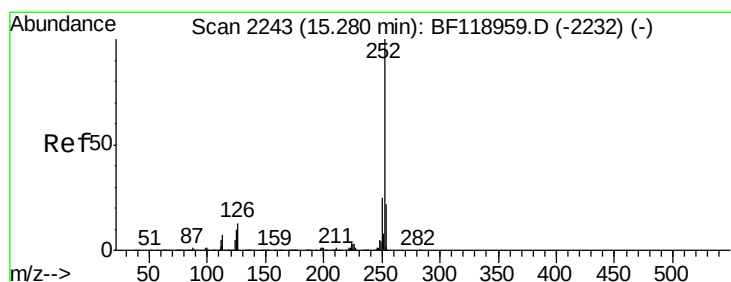
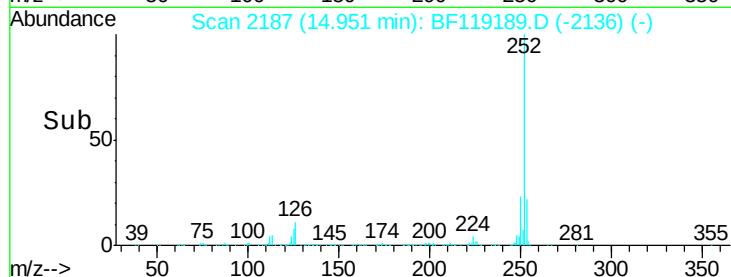
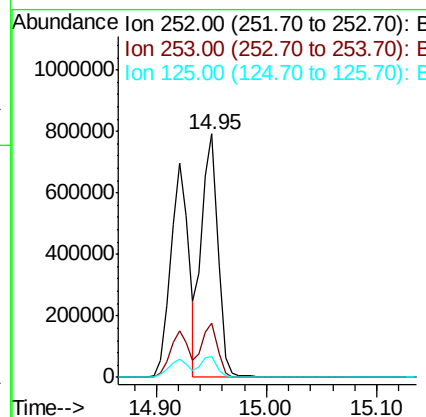
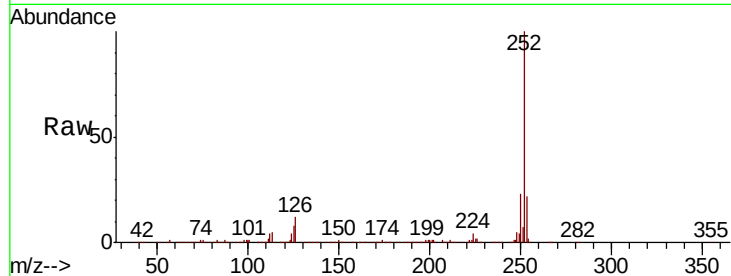
#89
Benzo(k)fluoranthene
Concen: 48.086 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.4	7.5	11.3

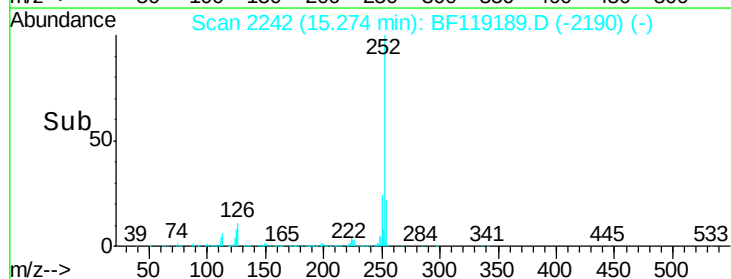
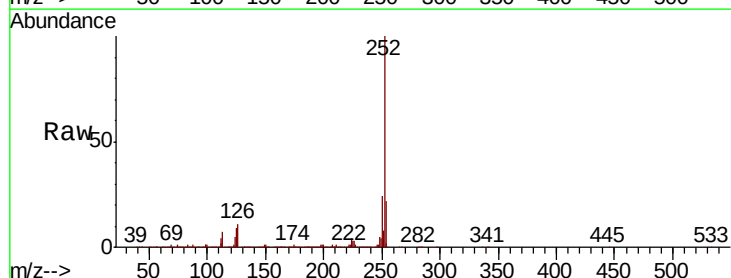
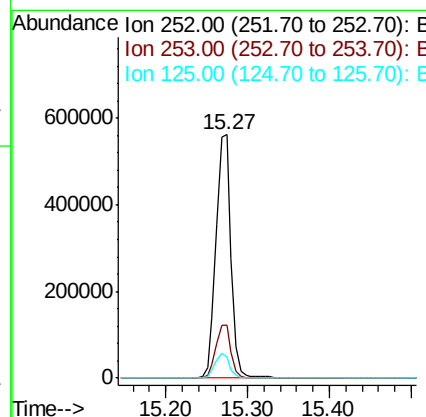
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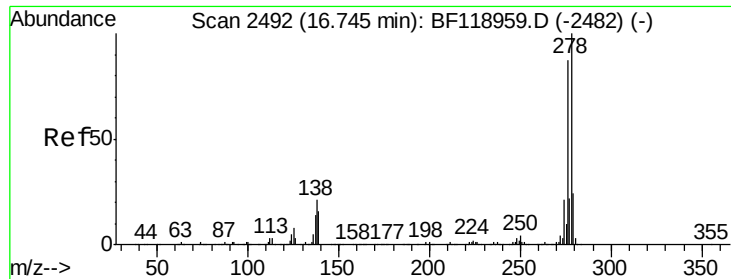
mohammad
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#90
Benzo(a)pyrene
Concen: 44.666 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.7	8.6	12.8





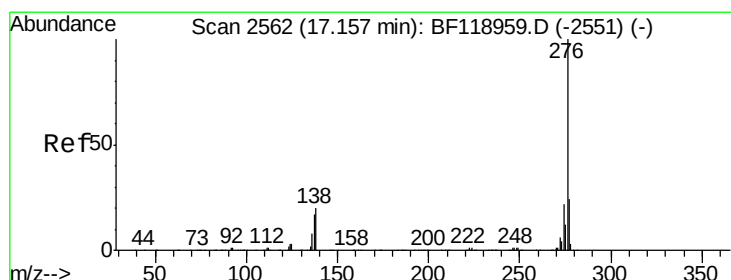
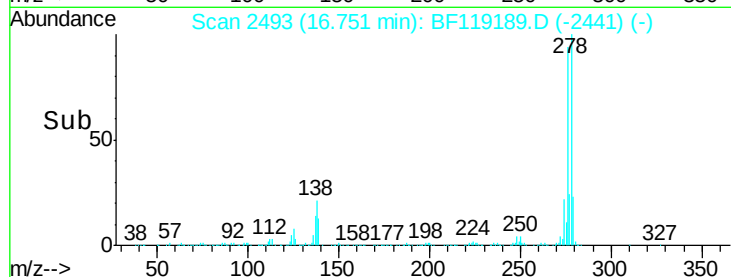
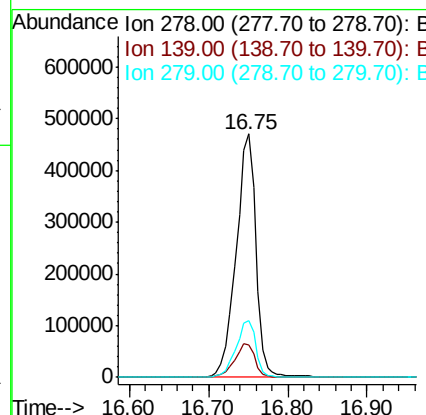
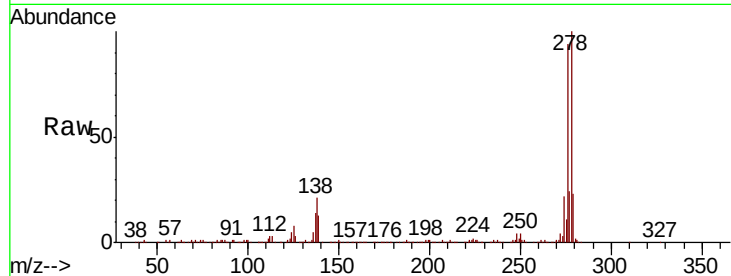
#91
Dibenzo(a,h)anthracene
Concen: 57.540 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.0	16.4
279	23.5	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 58.313 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.1	14.3	21.5

