

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119190.D
 Acq On : 4 Mar 2020 12:57
 Operator : CG/JU
 Sample : L1744-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
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 3/5/2020 3:54:13 PM

Quant Time: Mar 04 13:50:00 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	139359	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	533029	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	296885	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	536184	20.00	ng	0.00
76) Chrysene-d12	13.90	240	314566	20.00	ng	0.00
87) Perylene-d12	15.33	264	287059	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	788823	94.59	ng	0.00
7) Phenol-d6	6.39	99	941156	92.80	ng	-0.01
23) Nitrobenzene-d5	7.30	82	631346	62.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	340413	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1259353	62.49	ng	-0.01
79) Terphenyl-d14	12.84	244	1455255	79.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	123884	33.367	ng	97
3) Pyridine	3.23	79	298968	29.485	ng	99
4) n-Nitrosodimethylamine	3.17	42	128910	41.968	ng	96
6) Aniline	6.40	93	357718	28.585	ng	99
8) 2-Chlorophenol	6.53	128	405982	45.112	ng	98
9) Benzaldehyde	6.29	77	309928	45.740	ng	96
10) Phenol	6.40	94	466132	42.511	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	357544	42.616	ng	98
12) 1,3-Dichlorobenzene	6.68	146	439238	40.722	ng	97
13) 1,4-Dichlorobenzene	6.76	146	443738	41.111	ng	99
14) 1,2-Dichlorobenzene	6.91	146	411045	41.756	ng	99
15) Benzyl Alcohol	6.89	79	332309	45.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	292127	40.195	ng	# 40
17) 2-Methylphenol	7.01	107	320199	43.885	ng	96
18) Hexachloroethane	7.25	117	159184	41.222	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	269244	45.561	ng	99
20) 3+4-Methylphenols	7.16	107	412072	46.099	ng	94
22) Acetophenone	7.15	105	535791	43.444	ng	# 96
24) Nitrobenzene	7.33	77	415342	41.604	ng	99
25) Isophorone	7.57	82	748229	42.677	ng	100
26) 2-Nitrophenol	7.65	139	224771	42.493	ng	97
27) 2,4-Dimethylphenol	7.69	122	342823	47.754	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	459656	40.279	ng	99
29) 2,4-Dichlorophenol	7.89	162	352652	41.728	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	388746	38.796	ng	99
31) Naphthalene	8.05	128	1149193	41.571	ng	99
32) Benzoic acid	7.85	122	179327	36.150	ng	99
33) 4-Chloroaniline	8.10	127	192103	16.157	ng	97
34) Hexachlorobutadiene	8.16	225	240339	38.506	ng	99
35) Caprolactam	8.48	113	100761m	38.720	ng	
36) 4-Chloro-3-methylphenol	8.60	107	371464	43.430	ng	99
37) 2-Methylnaphthalene	8.73	142	797338	42.860	ng	99
38) 1-Methylnaphthalene	8.83	142	747630	42.732	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	398660	39.827	ng	99

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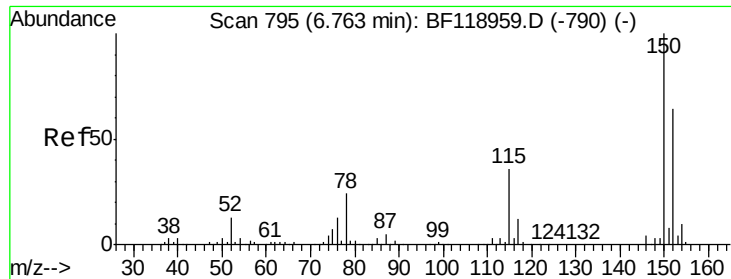
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Quant Time: Mar 04 13:50:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	201345	58.166	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	245977	38.914	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	258693	39.000	ng	98
46) 1,1'-Biphenyl	9.20	154	960122	40.014	ng	98
47) 2-Chloronaphthalene	9.23	162	768815	39.761	ng	97
48) 2-Nitroaniline	9.33	65	212215	39.349	ng	97
49) Acenaphthylene	9.64	152	1170509	41.914	ng	99
50) Dimethylphthalate	9.50	163	1047765	46.153	ng	99
51) 2,6-Dinitrotoluene	9.57	165	206661	40.973	ng	# 85
52) Acenaphthene	9.81	154	687728	40.840	ng	99
53) 3-Nitroaniline	9.74	138	100744	18.017	ng	98
54) 2,4-Dinitrophenol	9.86	184	167357	69.366	ng	93
55) Dibenzofuran	9.99	168	1030545	41.001	ng	97
56) 4-Nitrophenol	9.93	139	183977	54.762	ng	93
57) 2,4-Dinitrotoluene	9.98	165	259130	39.636	ng	96
58) Fluorene	10.33	166	823084	42.143	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	222667	39.784	ng	98
60) Diethylphthalate	10.20	149	900543	42.093	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	432199	41.807	ng	97
62) 4-Nitroaniline	10.36	138	191042	33.394	ng	96
63) Azobenzene	10.47	77	798808	42.956	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	141771	43.696	ng	96
66) n-Nitrosodiphenylamine	10.44	169	746168	42.501	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	289173	41.260	ng	96
68) Hexachlorobenzene	10.88	284	324925	40.211	ng	97
69) Atrazine	10.97	200	249562	40.684	ng	97
70) Pentachlorophenol	11.08	266	237851	73.071	ng	99
71) Phenanthrene	11.29	178	1195819	40.895	ng	98
72) Anthracene	11.34	178	1252081	42.855	ng	99
73) Carbazole	11.49	167	1054775	40.524	ng	98
74) Di-n-butylphthalate	11.82	149	1383062	43.878	ng	98
75) Fluoranthene	12.47	202	1227937	39.562	ng	99
77) Benzidine	12.59	184	520083	40.653	ng	98
78) Pyrene	12.70	202	1207585	47.808	ng	98
80) Butylbenzylphthalate	13.31	149	532377	50.078	ng	96
81) Benzo(a)anthracene	13.89	228	918350	42.847	ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	241076	28.966	ng	98
83) Chrysene	13.93	228	874993	40.971	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	727789	54.189	ng	100
85) Di-n-octyl phthalate	14.48	149	1091781	51.020	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	904617	43.745	ng	100
88) Benzo(b)fluoranthene	14.92	252	770595	40.726	ng	100
89) Benzo(k)fluoranthene	14.94	252	738929	42.141	ng	99
90) Benzo(a)pyrene	15.27	252	689208	40.359	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	764785	50.898	ng	99
92) Benzo(g,h,i)perylene	17.17	276	760472	51.223	ng	99

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



#1

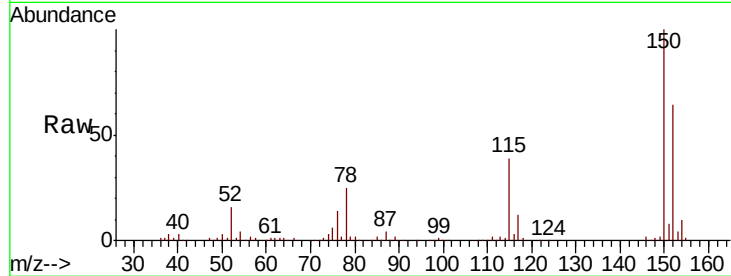
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.6
115	60.8	49.5	74.3

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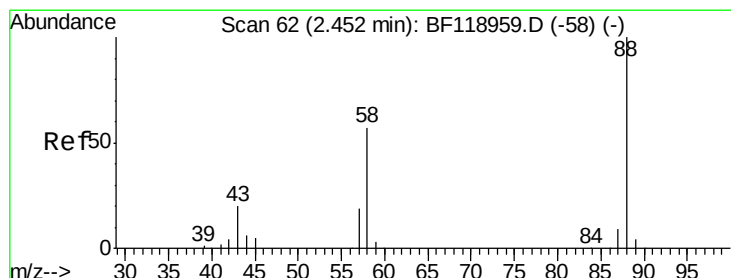
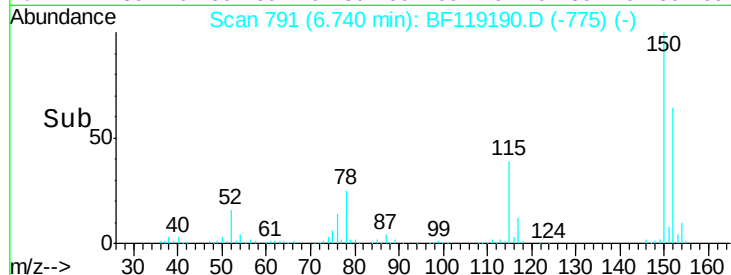
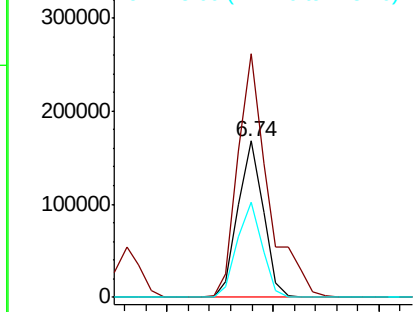


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

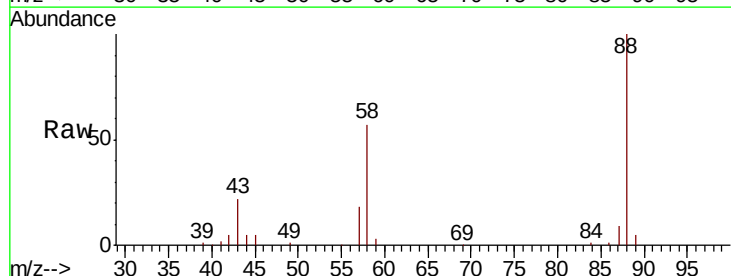
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.367 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.0	43.8	65.6
43	21.6	16.2	24.4

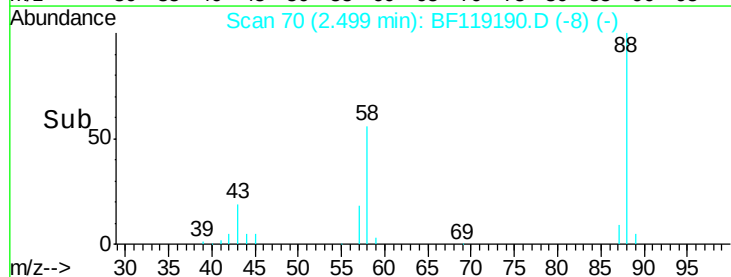
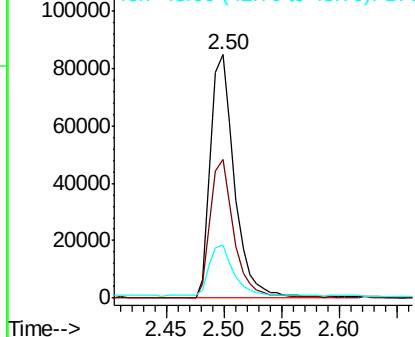


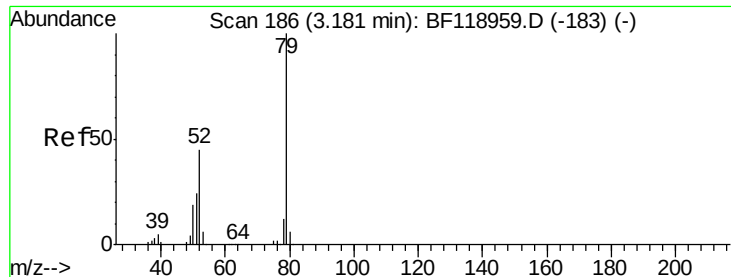
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.485 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.07 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

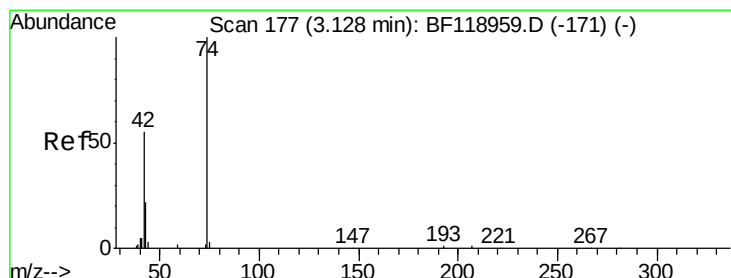
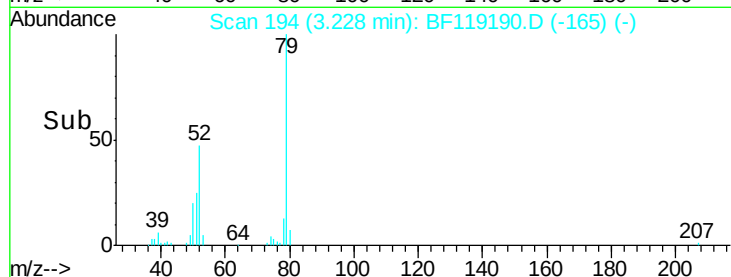
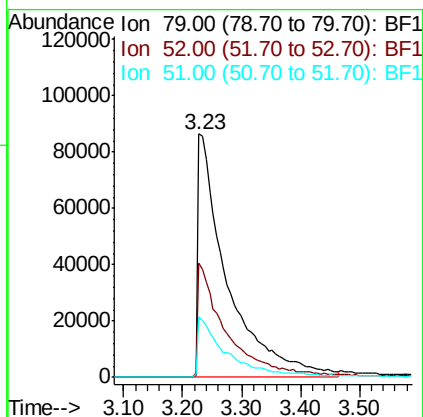
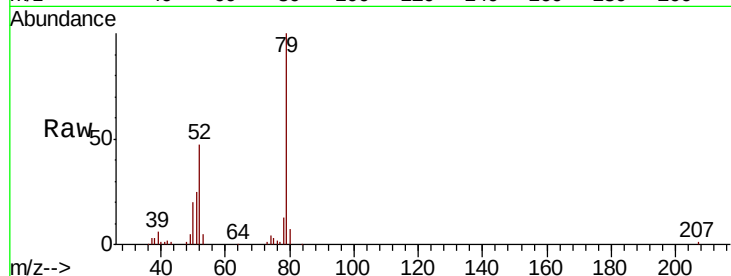
ClientSampleId :

TP-1MSD

Tot Ion:	79	Resp:	298968
Ion Ratio	Lower	Upper	
79	100		
52	47.0	37.4	56.0
51	25.1	19.8	29.6

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#4

n-Nitrosodimethylamine

Concen: 41.968 ng

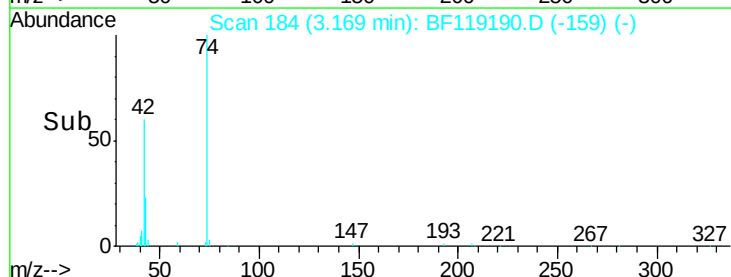
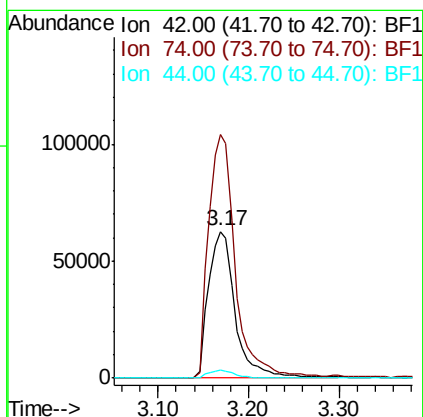
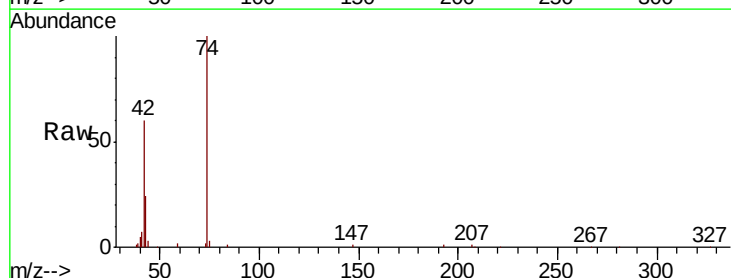
RT: 3.17 min Scan# 184

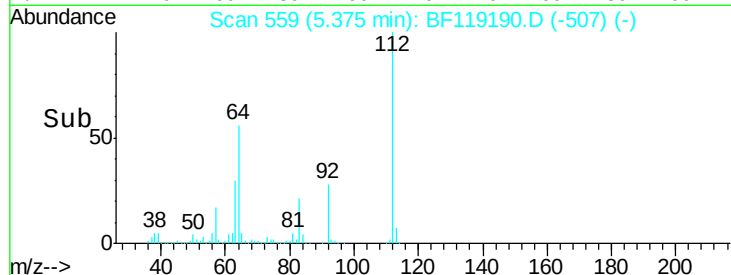
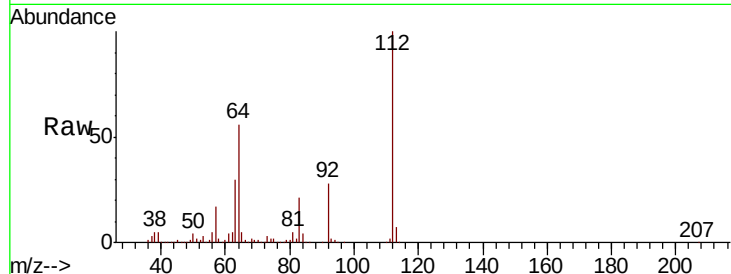
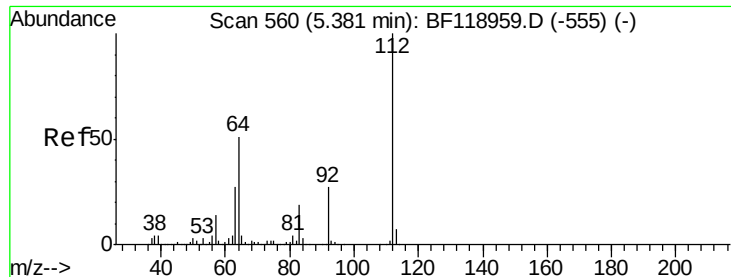
Delta R.T. 0.05 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:	42	Resp:	128910
Ion Ratio	Lower	Upper	
42	100		
74	166.0	137.7	206.5
44	5.6	4.5	6.7





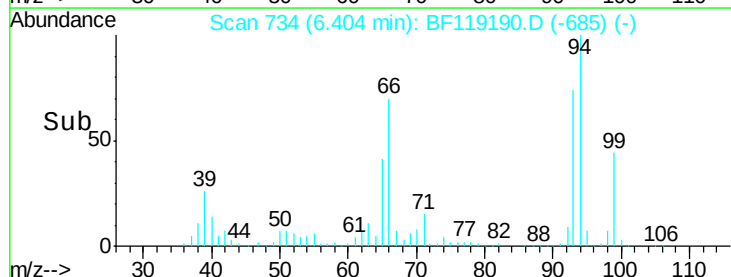
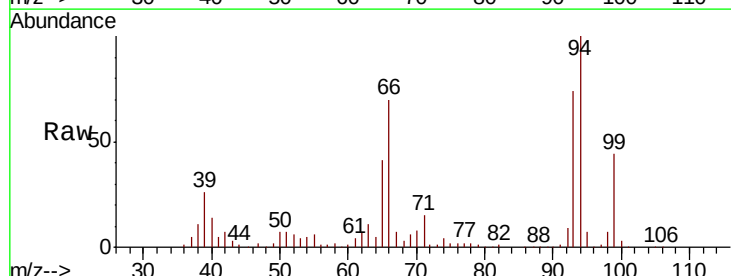
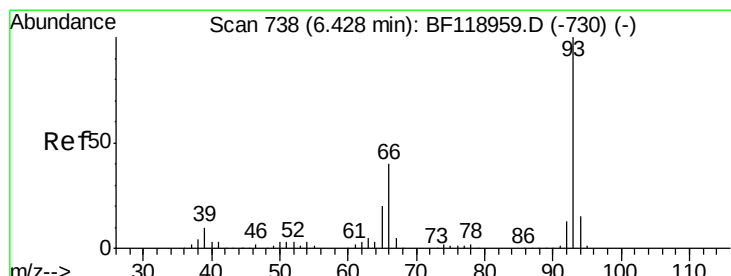
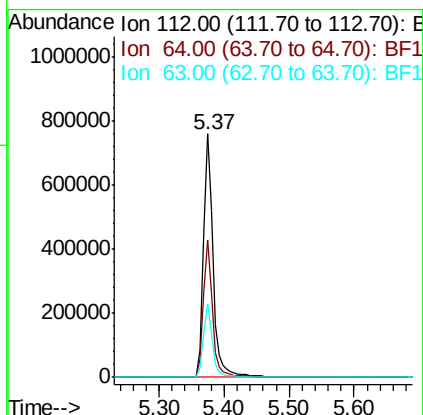
#5
2-Fluorophenol
Concen: 94.595 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		788823		
64	56.2	45.0	67.4		
63	30.2	24.2	36.4		

Instrument :
BNA_F
ClientSampled :
TP-1MSD

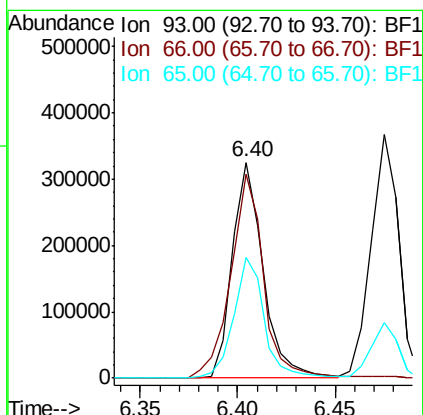
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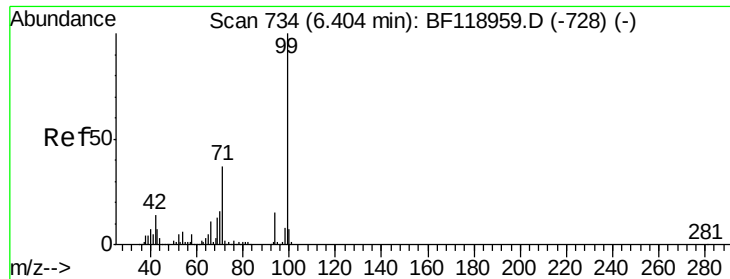
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#6
Aniline
Concen: 28.585 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		357718		
66	94.7	74.5	111.7		
65	56.1	45.3	67.9		





#7

Phenol-d6

Concen: 92.800 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

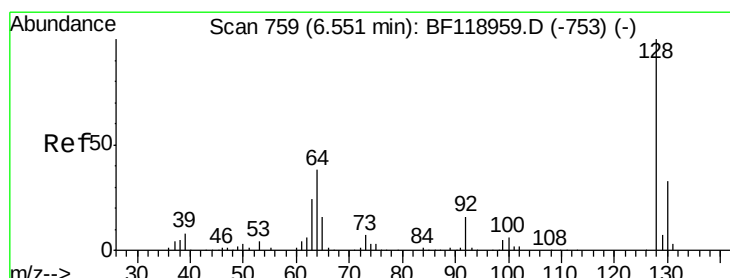
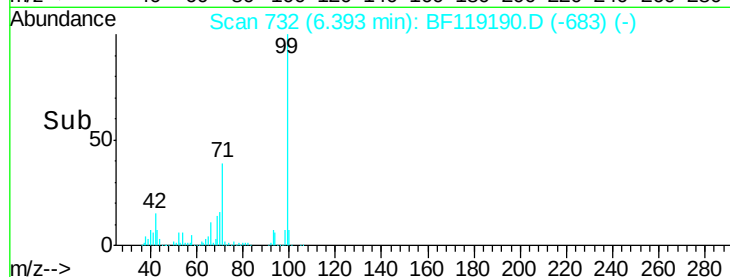
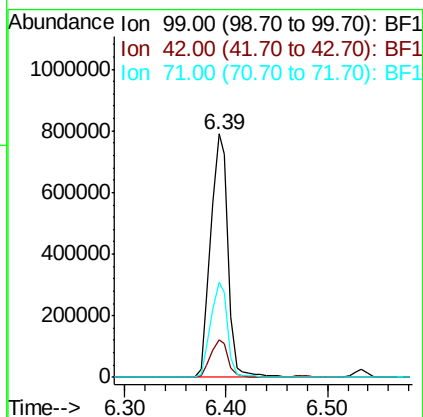
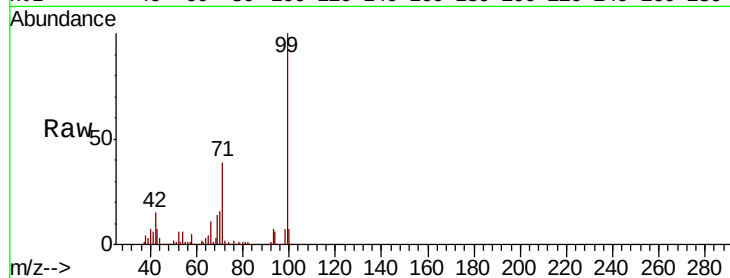
ClientSampled :

TP-1MSD

Tot Ion:	99	Resp:	941156
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	38.9	31.0	46.4

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#8

2-Chlorophenol

Concen: 45.112 ng

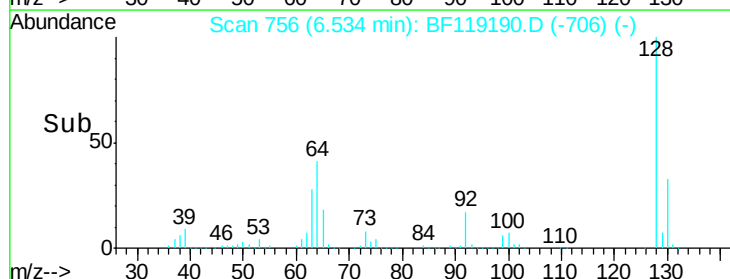
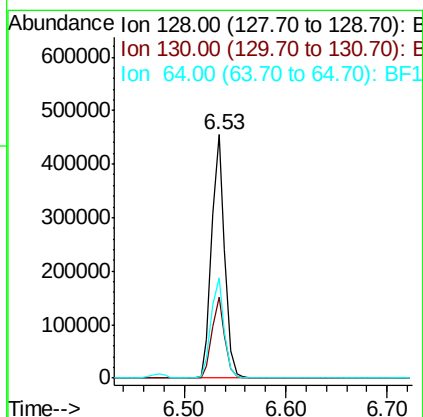
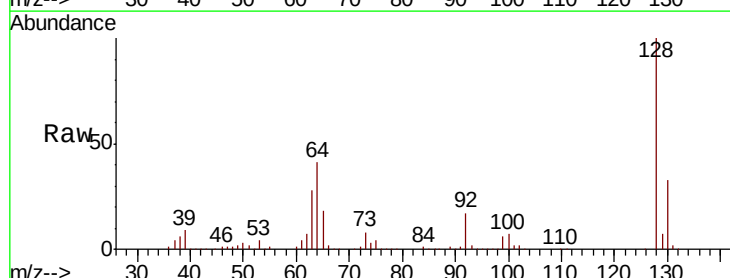
RT: 6.53 min Scan# 756

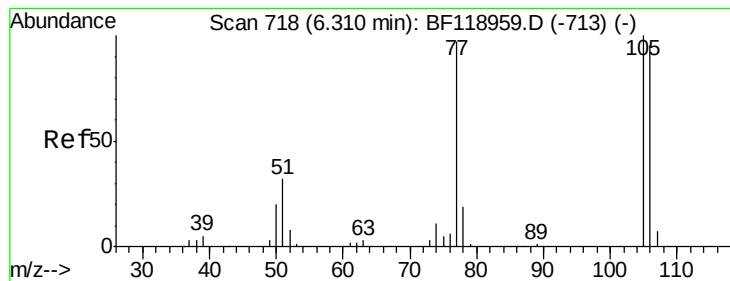
Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:	128	Resp:	405982
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.7	52.7
64	41.0	22.3	62.3





#9

Benzaldehyde

Concen: 45.740 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion: 77 Resp: 309928

Ion Ratio Lower Upper

77 100

105 104.3 80.1 120.1

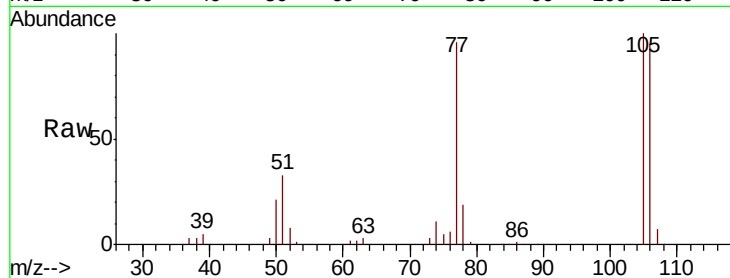
106 99.3 75.9 115.9

Manual Integrations

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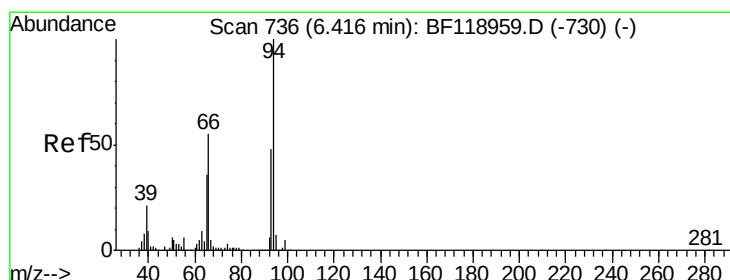
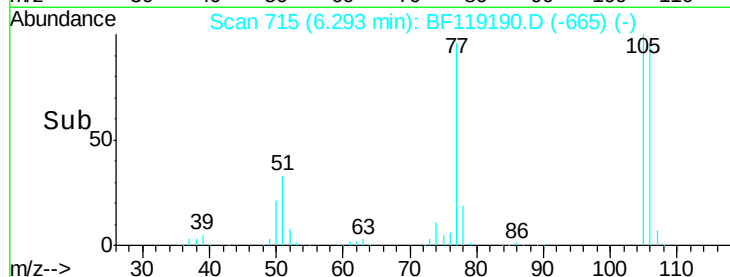
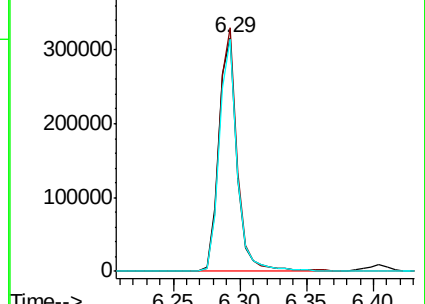
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.511 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

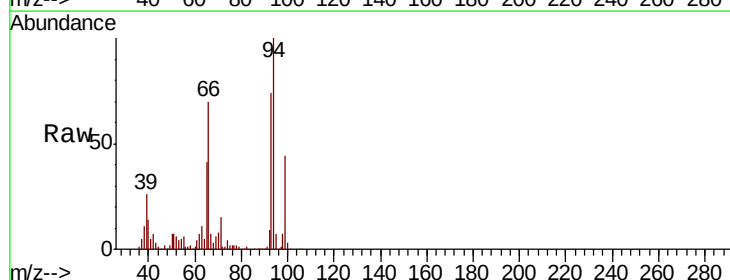
Tgt Ion: 94 Resp: 466132

Ion Ratio Lower Upper

94 100

65 41.3 19.2 59.2

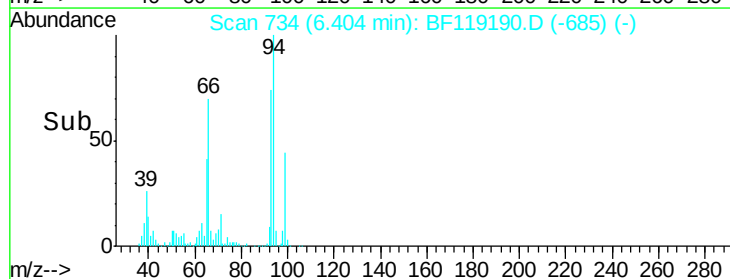
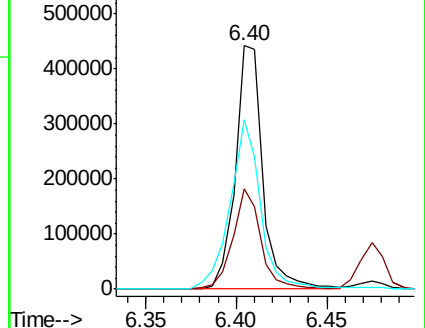
66 69.7 44.4 84.4

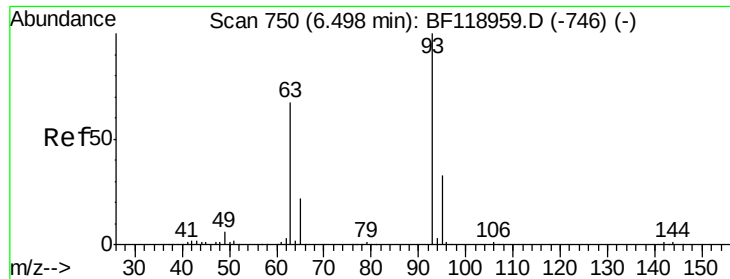


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





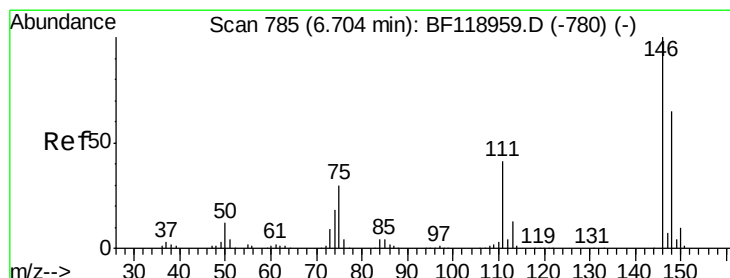
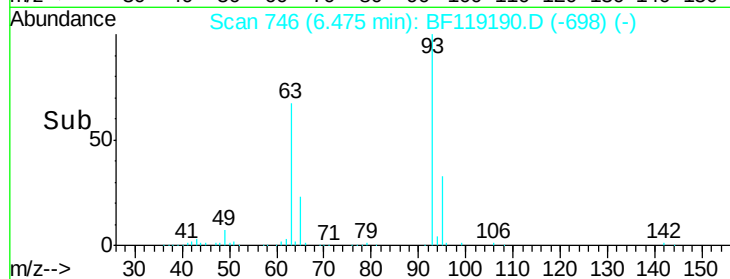
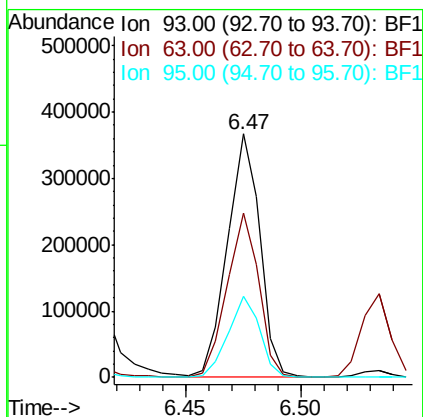
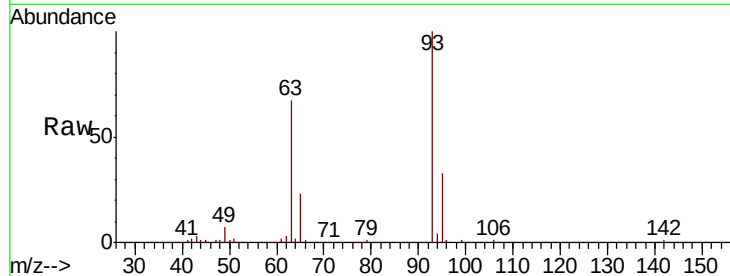
#11
bis(2-Chloroethyl)ether
Concen: 42.616 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:	93	Resp:	357544
Ion	Ratio	Lower	Upper
93	100		
63	67.3	45.4	85.4
95	33.4	13.5	53.5

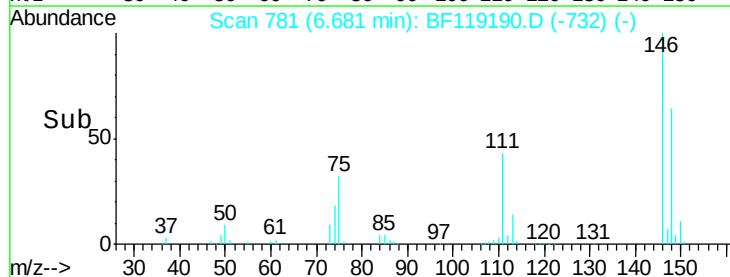
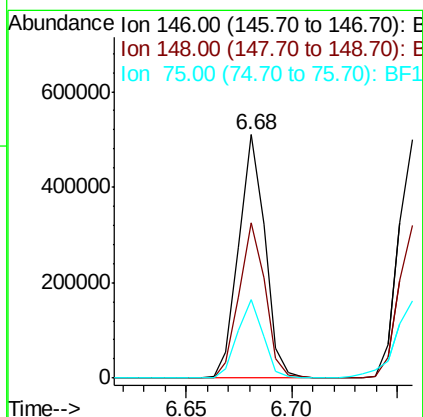
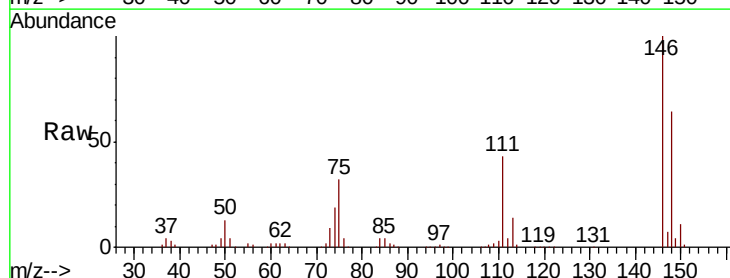
Manual Integrations
APPROVED

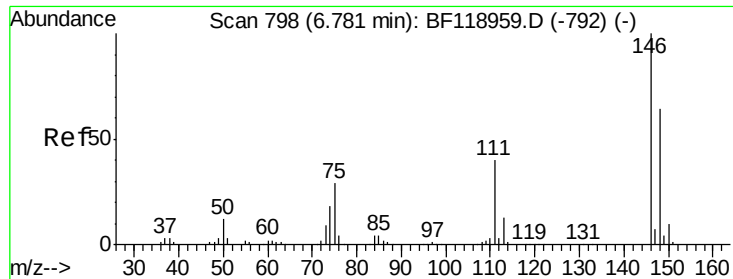
mohammad
3/5/2020 3:54:13 PM



#12
1,3-Dichlorobenzene
Concen: 40.722 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:	146	Resp:	439238
Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.5	78.7
75	32.0	23.6	35.4





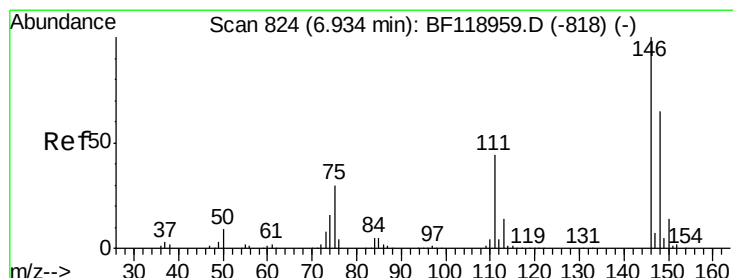
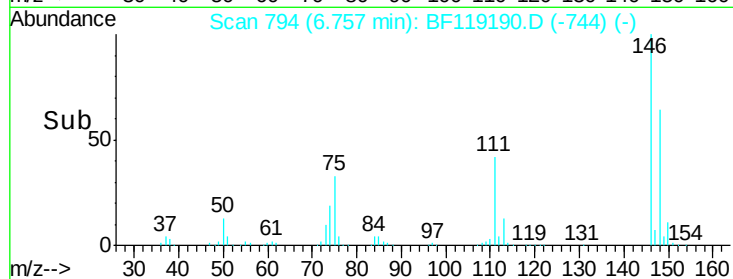
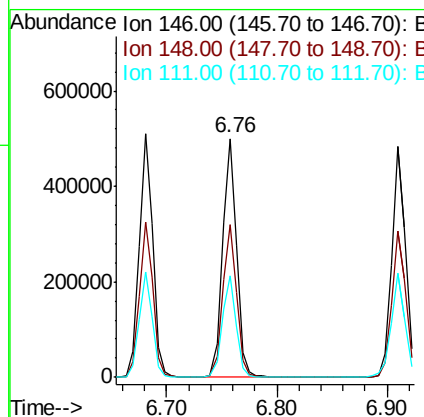
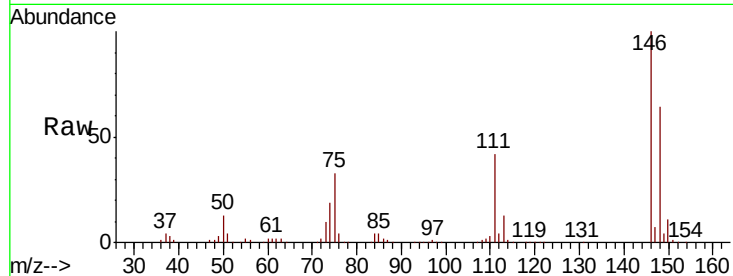
#13
 1,4-Dichlorobenzene
 Concen: 41.111 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	42.4	34.8	52.2

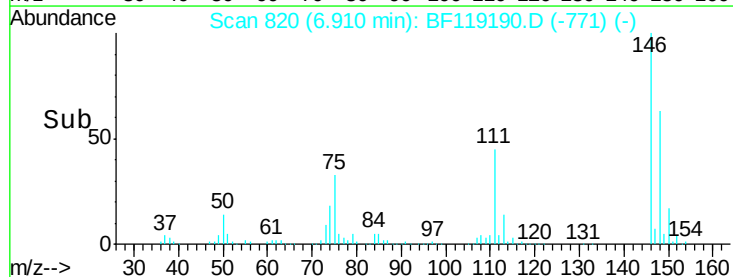
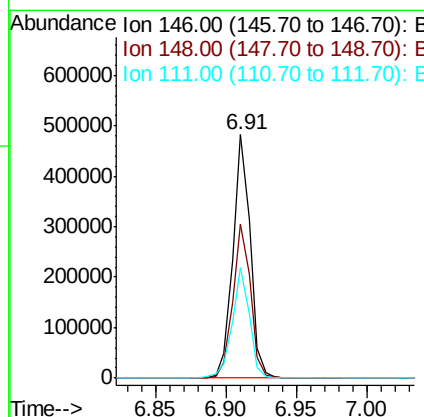
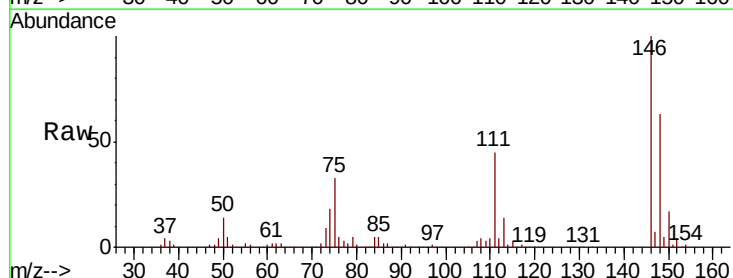
Manual Integrations
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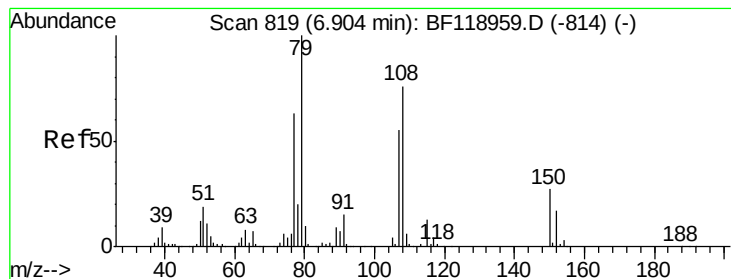
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.756 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	45.2	36.2	54.2





#15

Benzyl Alcohol

Concen: 45.337 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampled :

TP-1MSD

Tot Ion: 79 Resp: 332309

Ion Ratio Lower Upper

79 100

108 74.5 58.2 87.2

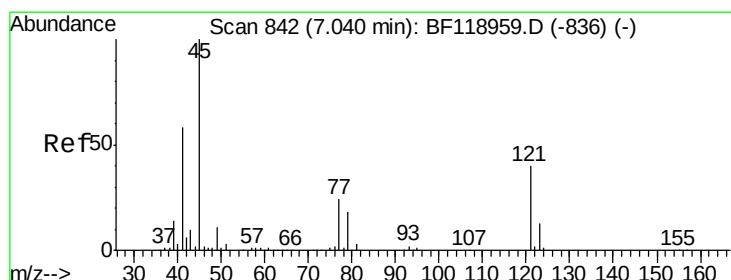
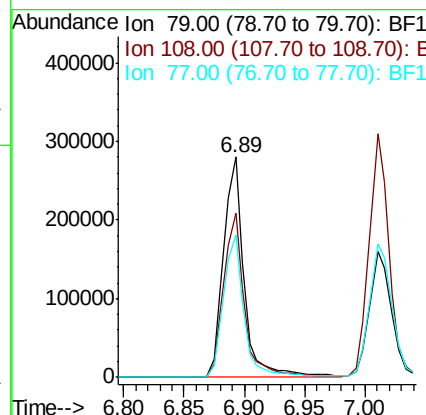
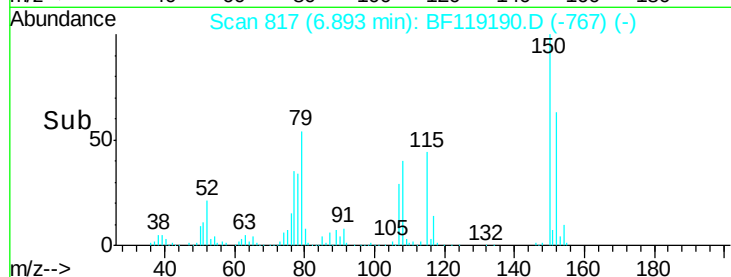
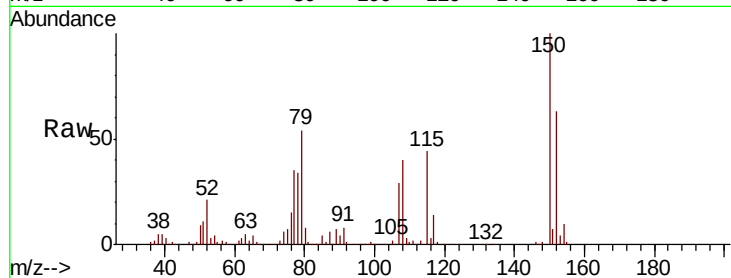
77 64.8 51.2 76.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.195 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

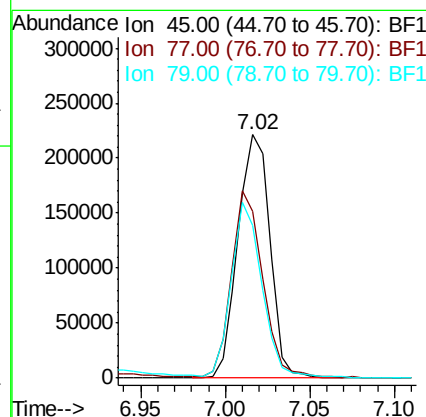
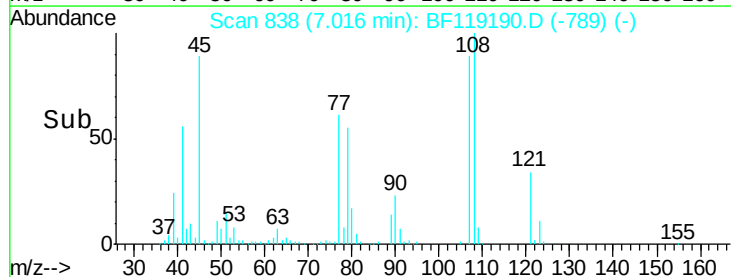
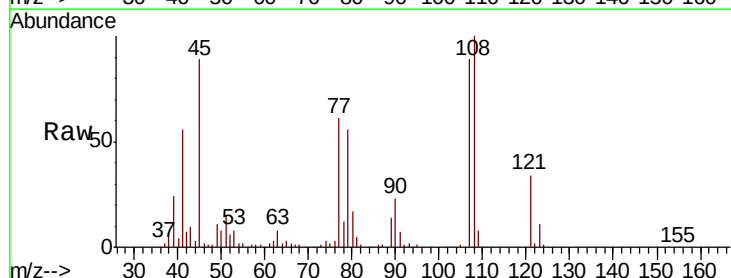
Tgt Ion: 45 Resp: 292127

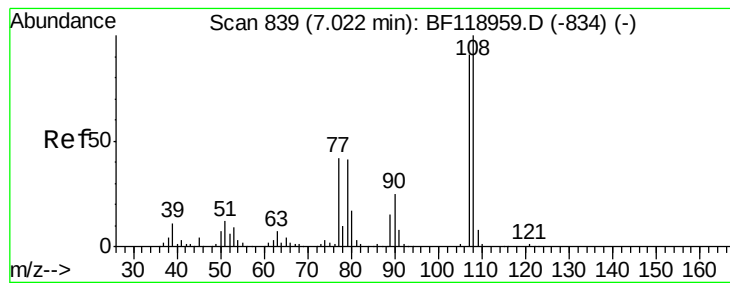
Ion Ratio Lower Upper

45 100

77 68.6 15.0 55.0#

79 62.5 9.4 49.4#





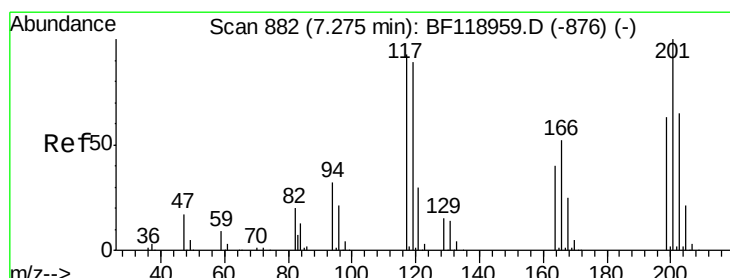
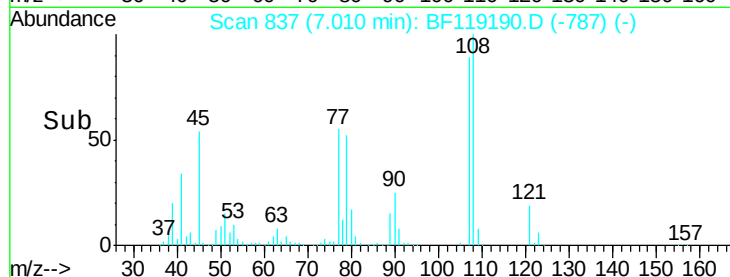
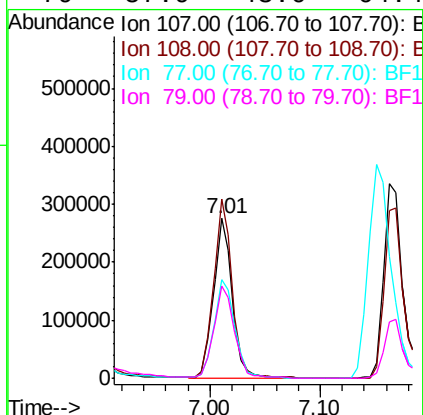
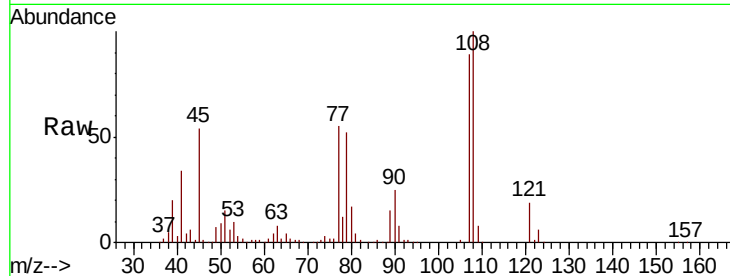
#17
2-Methylphenol
Concen: 43.885 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	107	Resp	320199
Ion	Ratio	Lower	Upper
107	100		
108	112.3	87.9	131.9
77	61.9	45.3	67.9
79	57.9	43.0	64.4

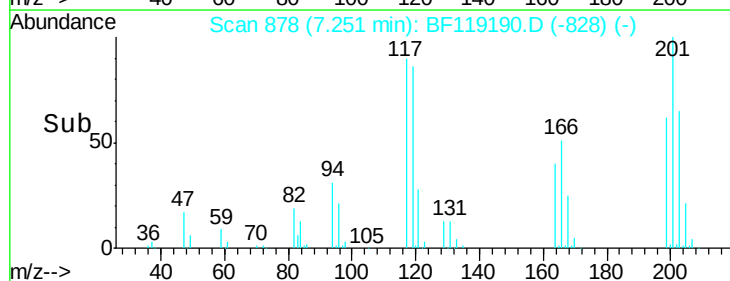
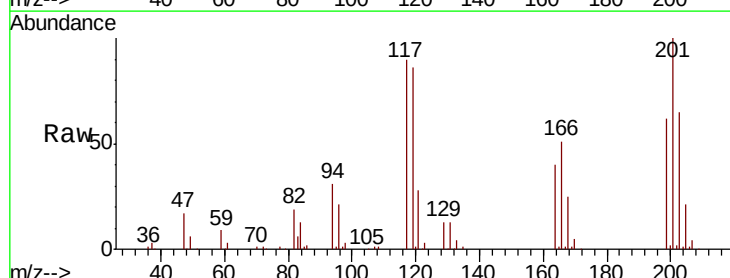
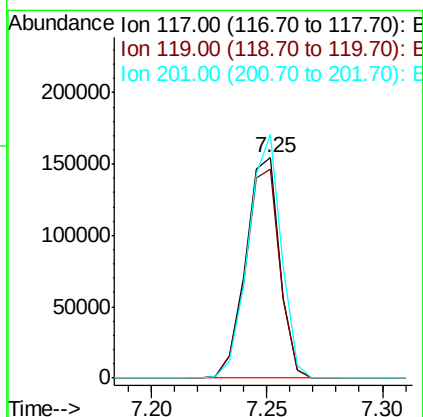
Manual Integrations
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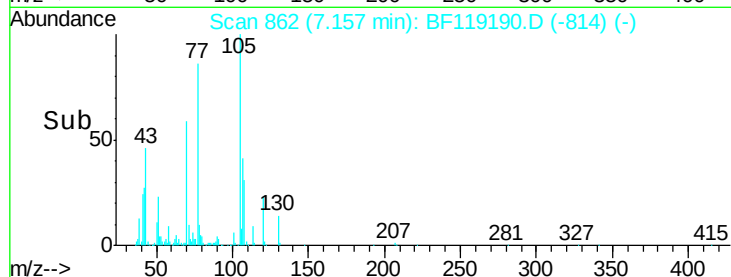
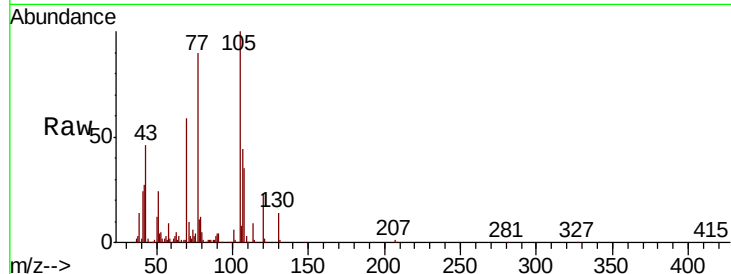
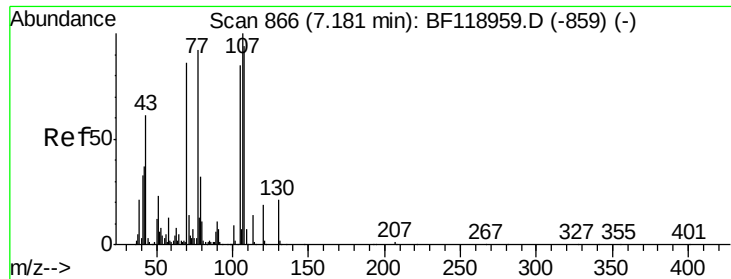
mohammad
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#18
Hexachloroethane
Concen: 41.222 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	117	Resp	159184
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.5	116.3
201	110.6	82.6	123.8





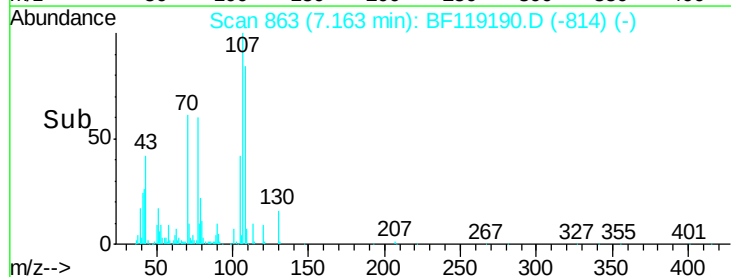
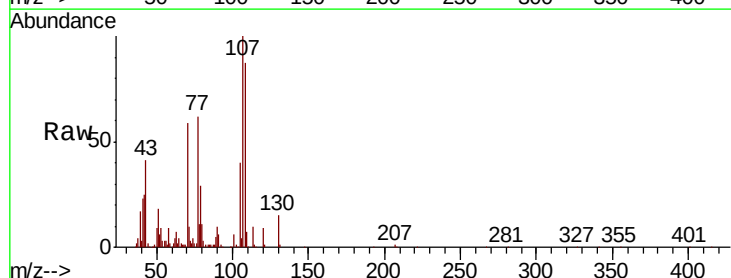
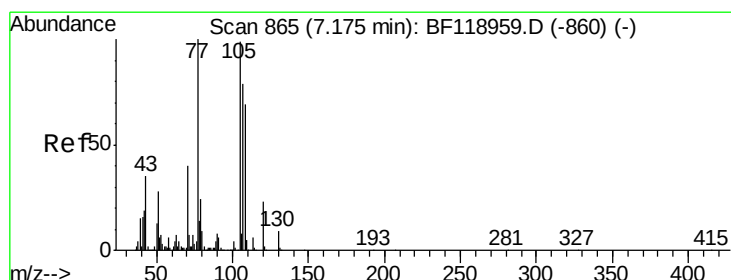
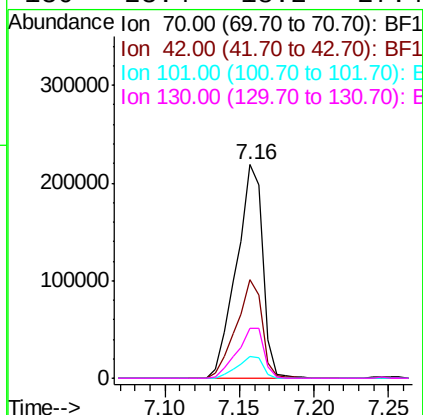
#19
n-Nitroso-di-n-propylamine
Concen: 45.561 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.2	8.2	12.4
130	23.4	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

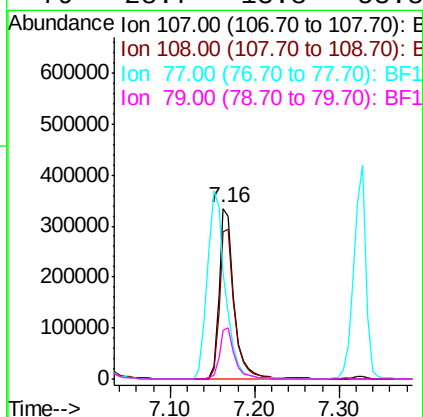
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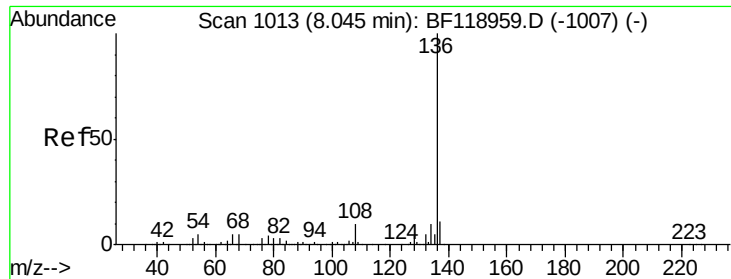
mohammad
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#20
3+4-Methylphenols
Concen: 46.099 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	71.5	111.5
77	62.5	45.9	85.9
79	28.7	13.8	53.8





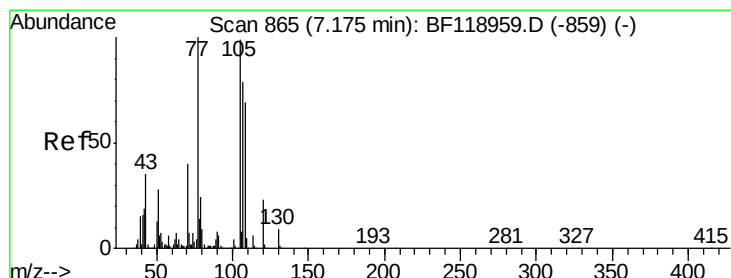
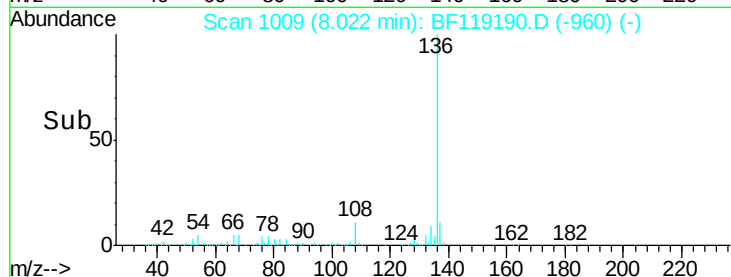
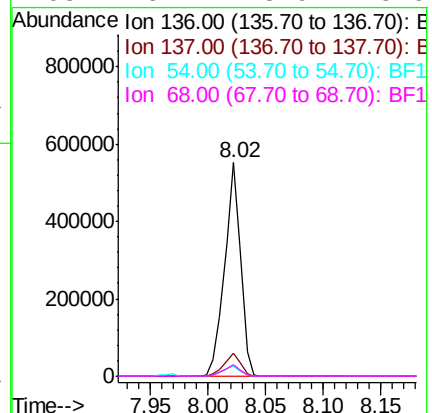
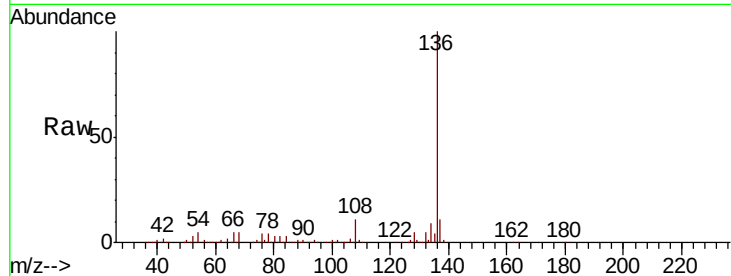
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		533029		
137	10.8	8.8	13.2		
54	5.0	3.8	5.6		
68	5.2	3.9	5.9		

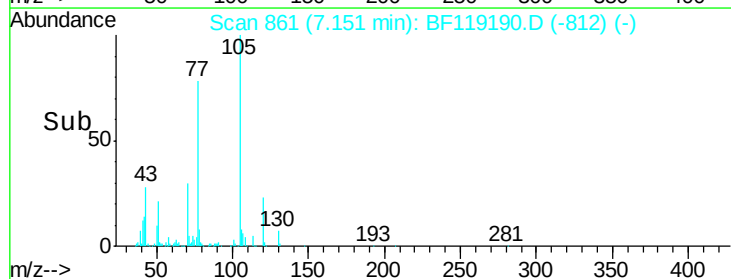
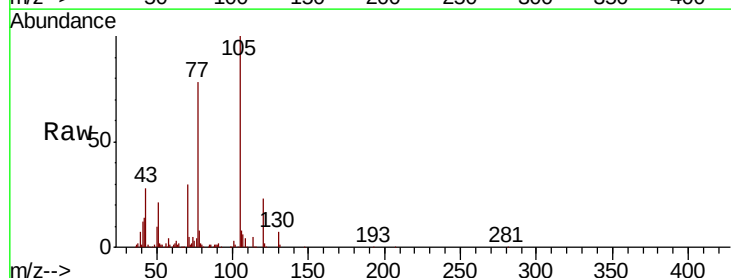
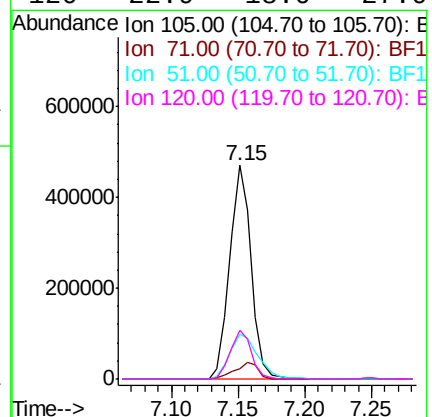
Manual Integrations
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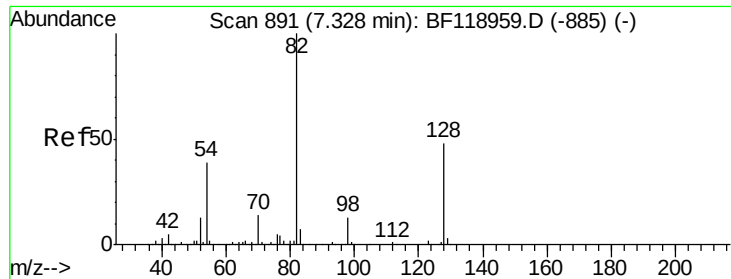
mohammad
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#22
Acetophenone
Concen: 43.444 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		535791		
71	4.9	3.0	4.4#		
51	21.2	20.1	30.1		
120	22.9	18.0	27.0		





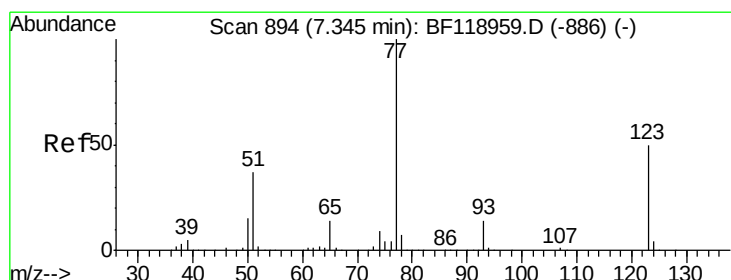
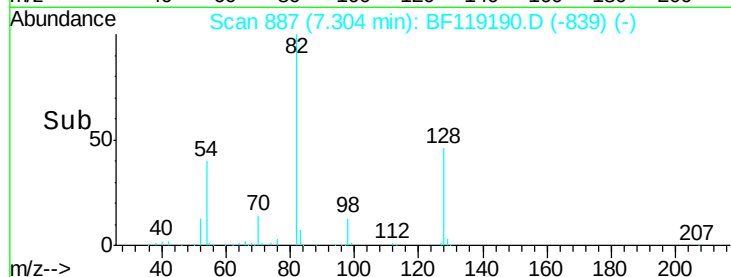
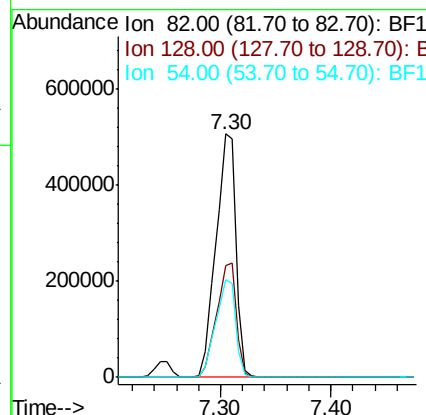
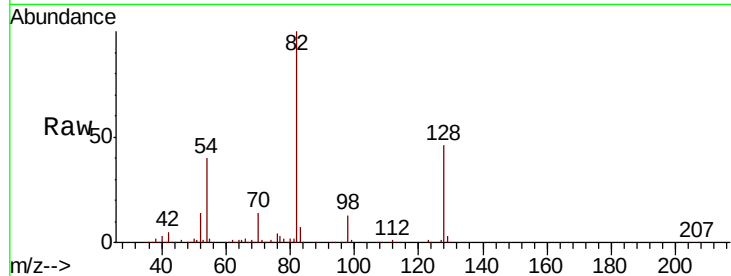
#23
Nitrobenzene-d5
Concen: 62.539 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	82	Resp	631346
Ion Ratio	100	Lower	Upper
128	45.9	37.9	56.9
54	40.2	33.4	50.2

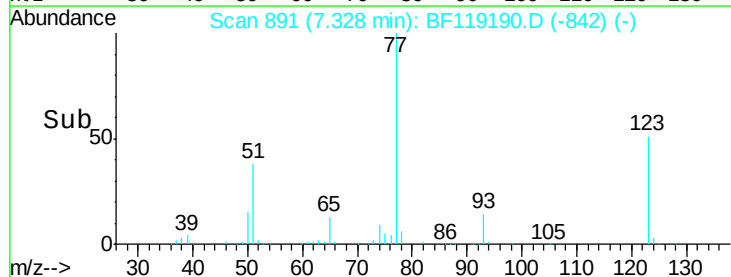
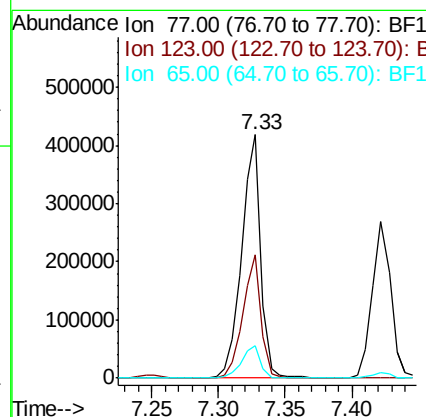
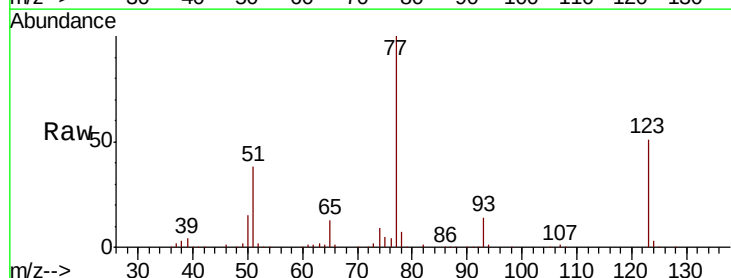
Manual Integrations
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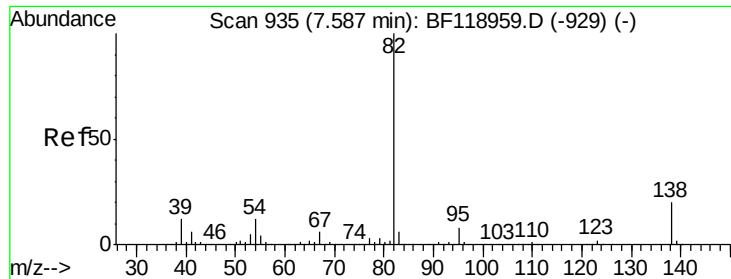
mohammad
3/5/2020 3:54:13 PM



#24
Nitrobenzene
Concen: 41.604 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	77	Resp	415342
Ion Ratio	100	Lower	Upper
123	50.7	40.2	60.2
65	13.1	10.8	16.2





#25

Isophorone

Concen: 42.677 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

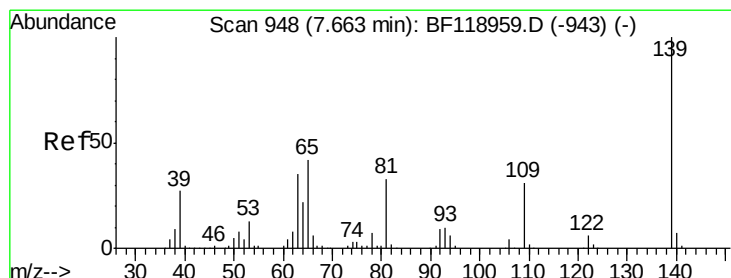
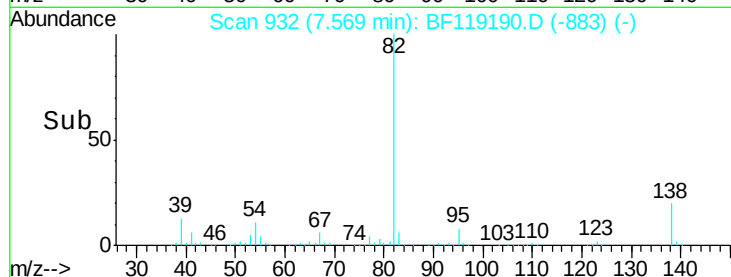
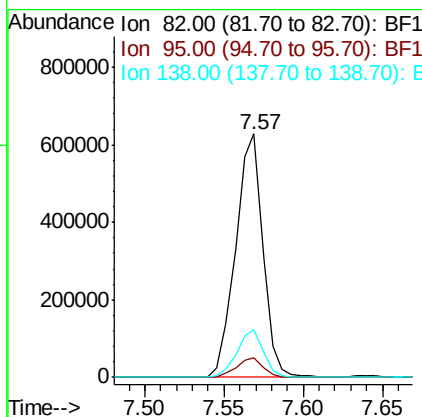
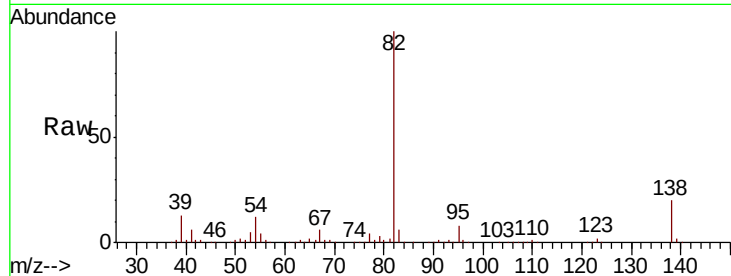
ClientSampleId :

TP-1MSD

Tot Ion:	82	Resp:	748229
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	19.6	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.493 ng

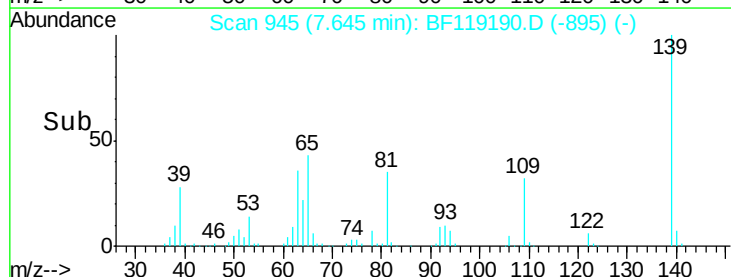
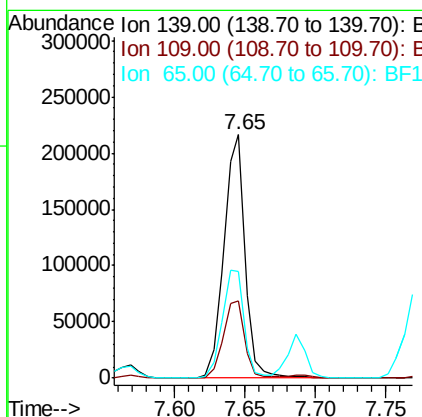
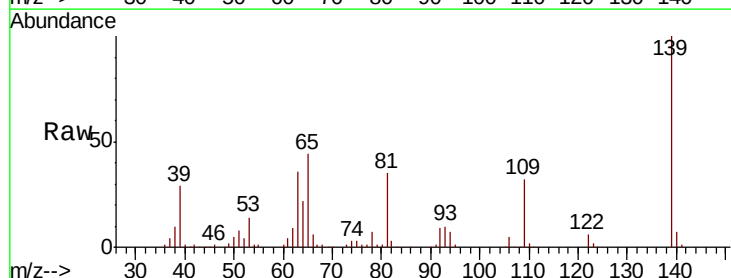
RT: 7.65 min Scan# 945

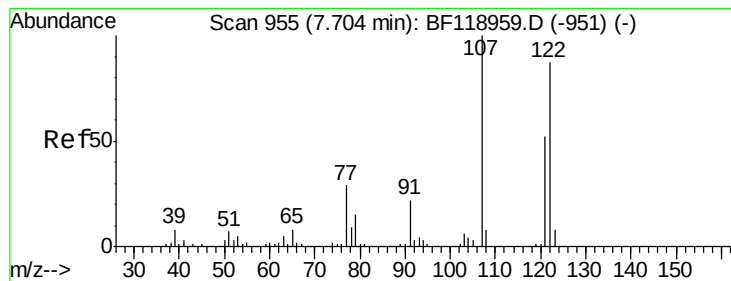
Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:	139	Resp:	224771
Ion	Ratio	Lower	Upper
139	100		
109	31.9	25.7	38.5
65	43.7	37.1	55.7





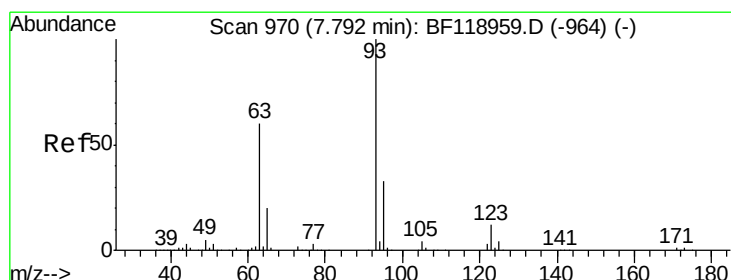
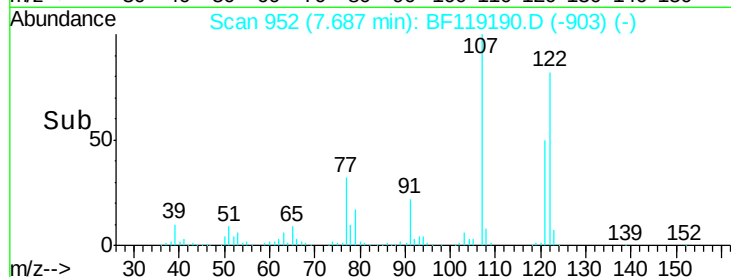
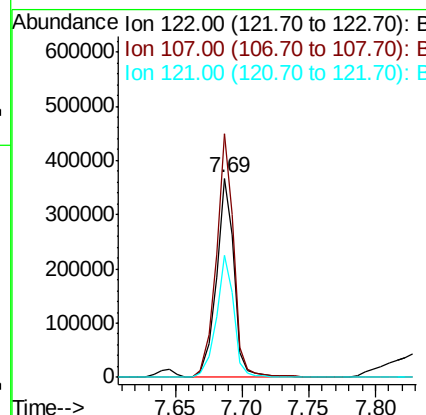
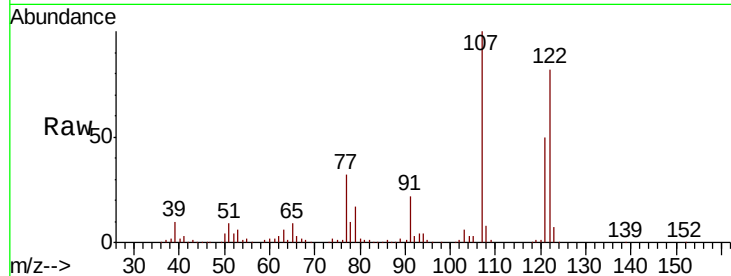
#27
2,4-Dimethylphenol
Concen: 47.754 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	93.8	140.6
121	61.1	48.2	72.2

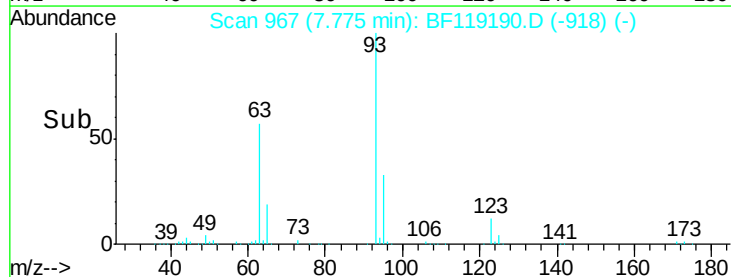
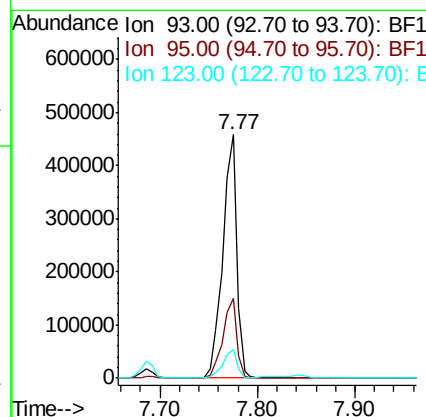
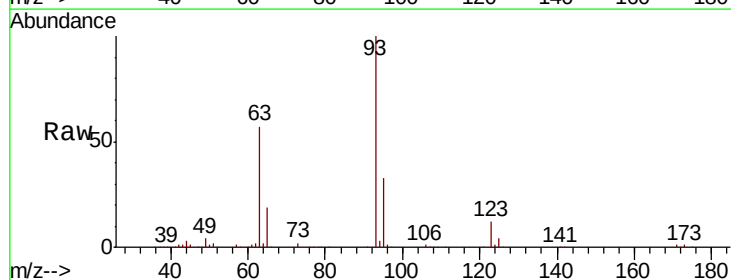
Manual Integrations
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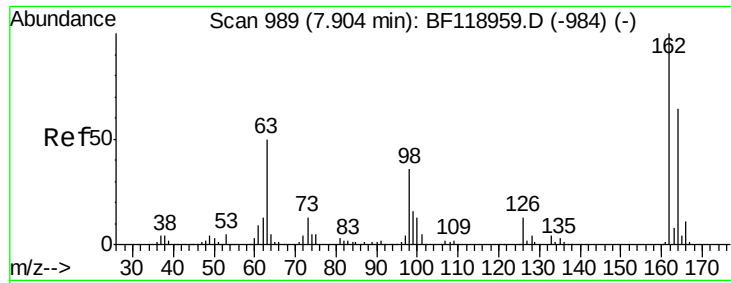
mohammad
3/5/2020 3:54:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.279 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.7	10.2	15.2





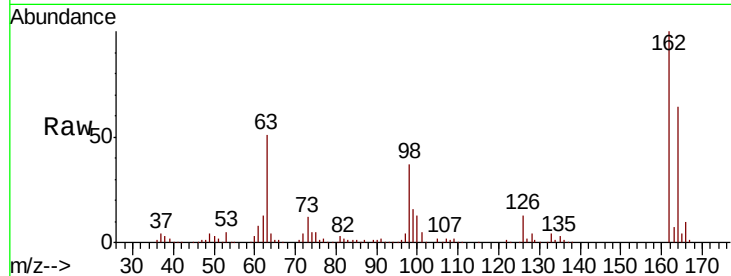
#29
2,4-Dichlorophenol
Concen: 41.728 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	352652		
164	64.0	45.2	85.2	
98	36.6	17.4	57.4	

Manual Integrations
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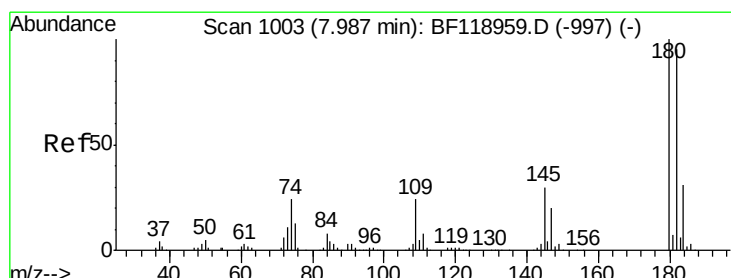
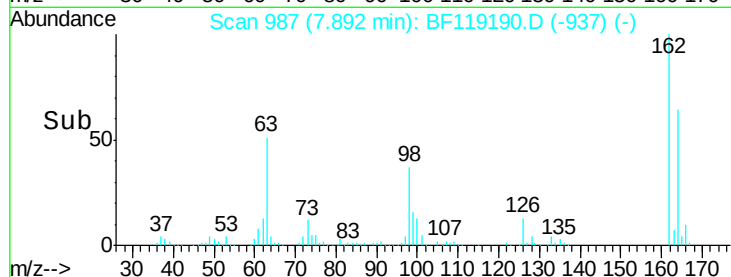
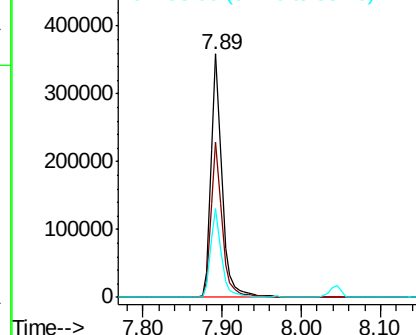


Abundance

Ion 162.00 (161.70 to 162.70): E

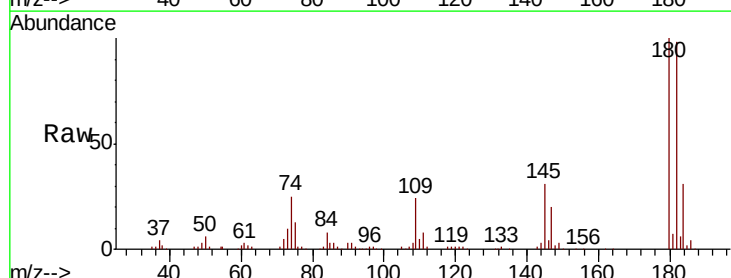
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.796 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	388746		
182	97.7	77.8	116.6	
145	30.7	25.2	37.8	

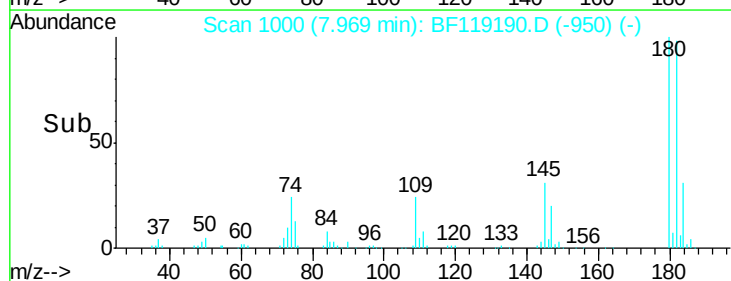
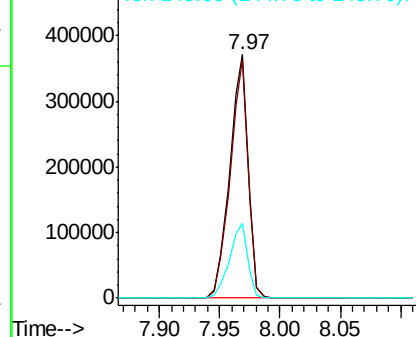


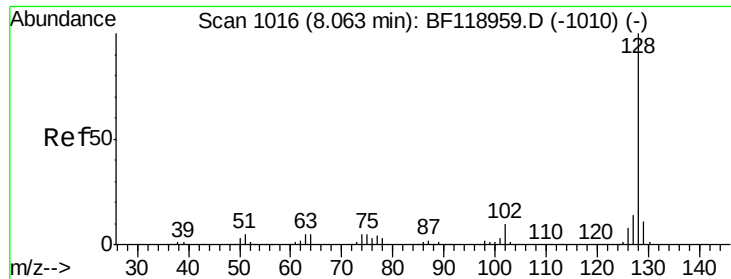
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





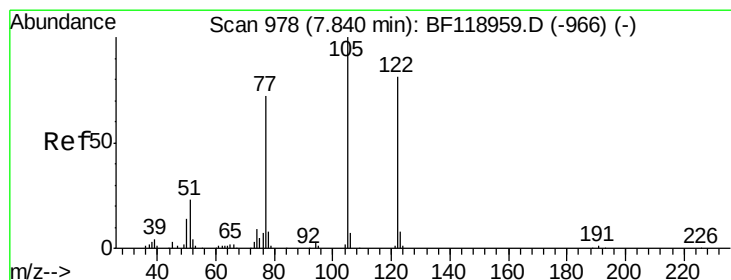
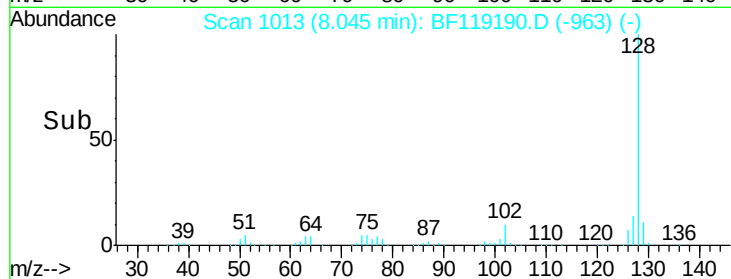
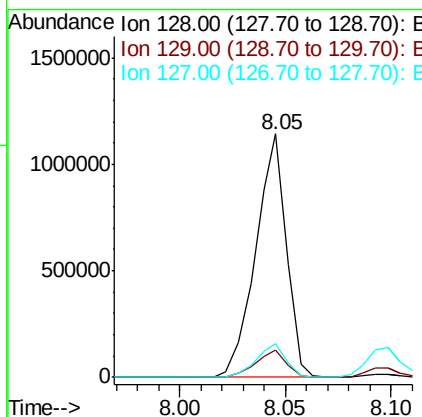
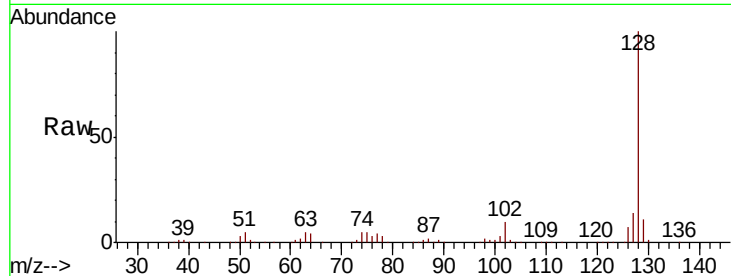
#31
Naphthalene
Concen: 41.571 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.8	11.4	17.2

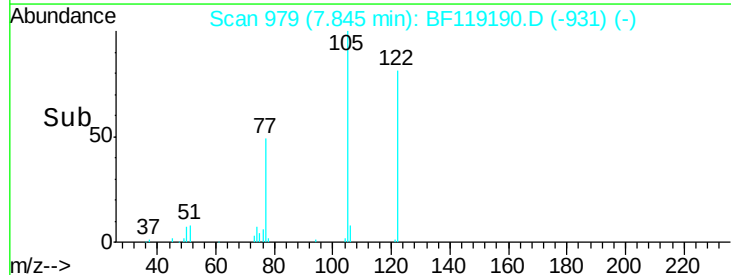
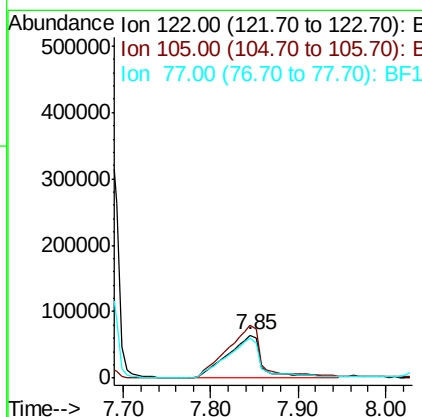
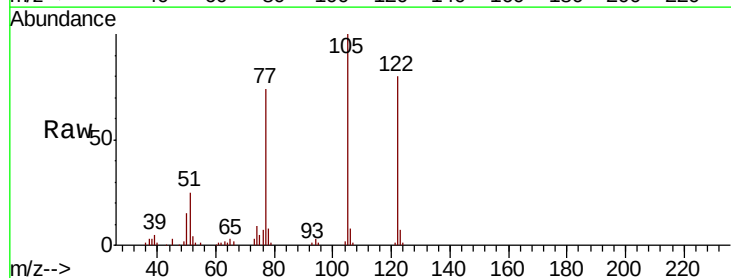
Manual Integrations
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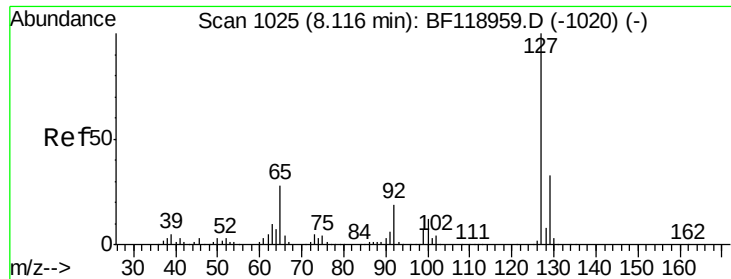
mohammad
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#32
Benzoic acid
Concen: 36.150 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	106.3	146.3
77	92.6	73.1	113.1





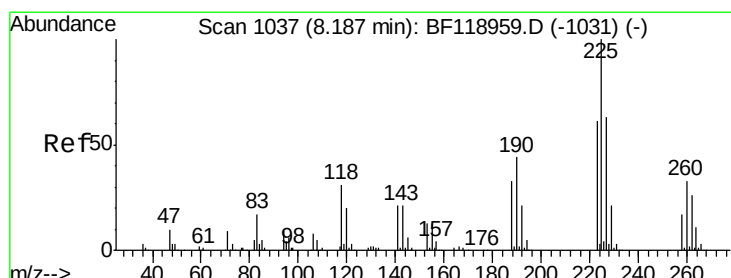
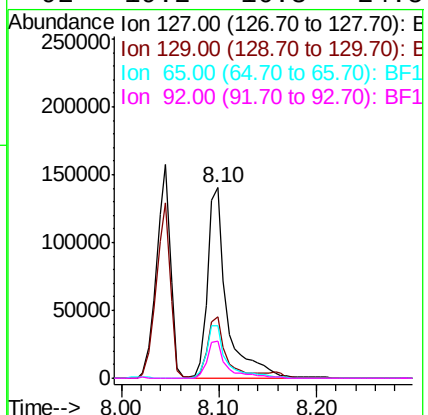
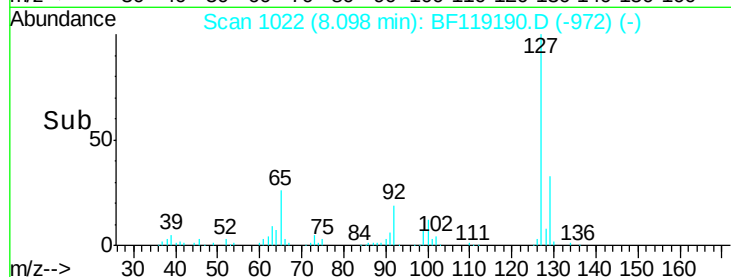
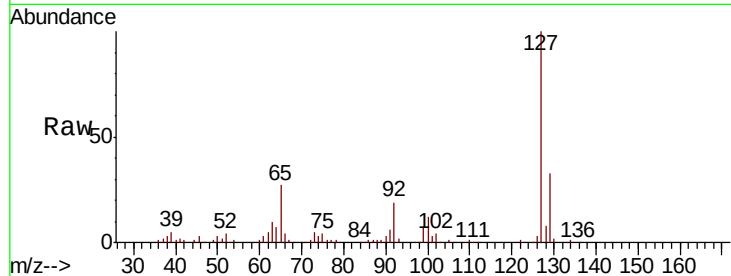
#33
4-Chloroaniline
Concen: 16.157 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	192103		
129	32.6	25.9	38.9	
65	27.3	23.9	35.9	
92	19.2	16.3	24.5	

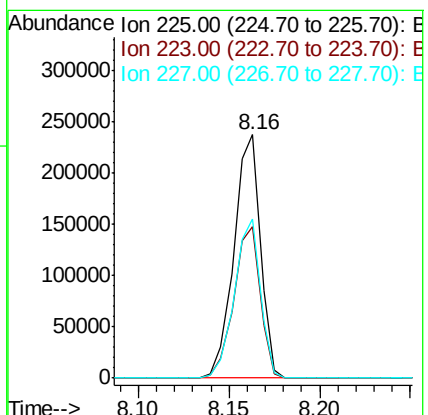
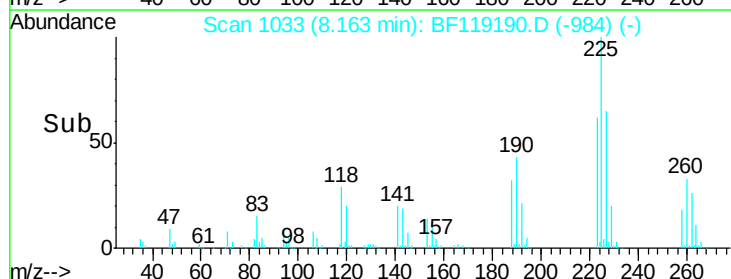
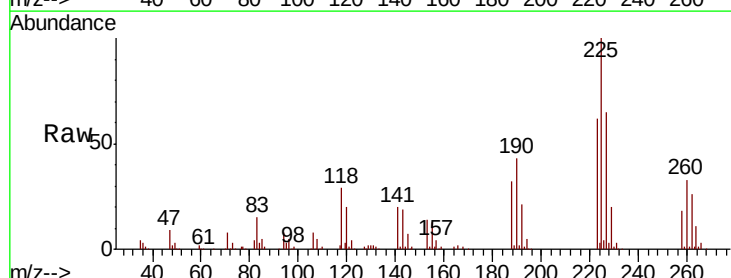
Manual Integrations
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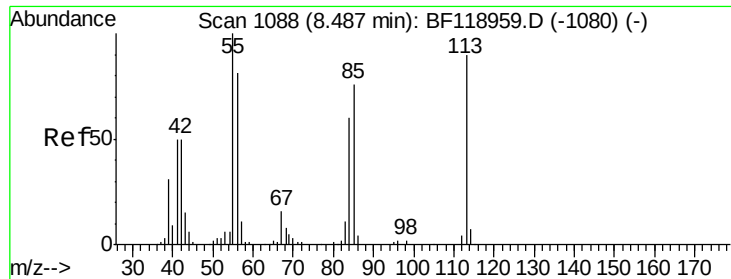
mohammad
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#34
Hexachlorobutadiene
Concen: 38.506 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	240339		
223	62.4	49.4	74.2	
227	65.2	52.9	79.3	





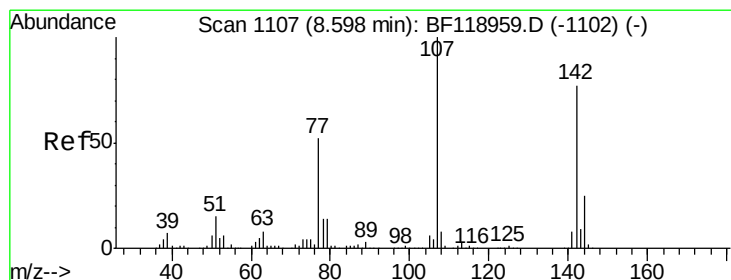
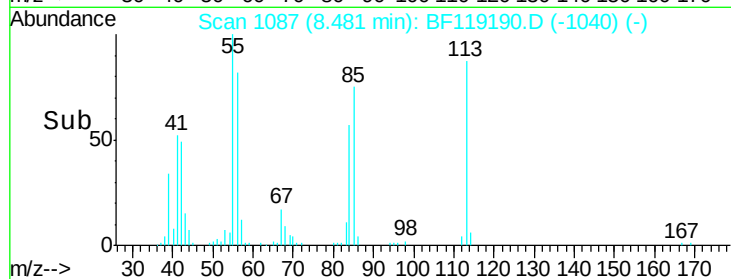
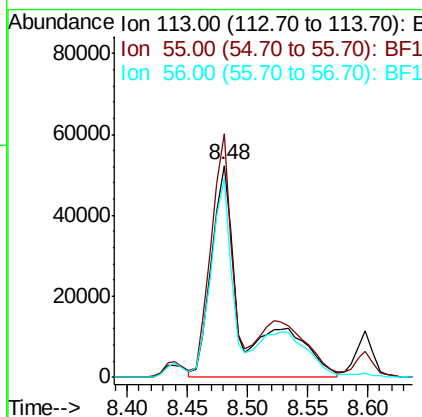
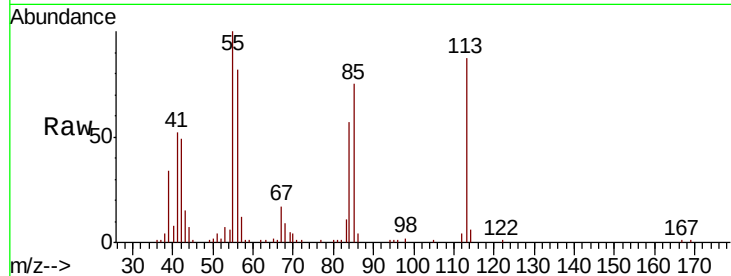
#35
 Caprolactam
 Concen: 38.720 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	114.8	95.7	135.7
56	93.7	73.1	113.1

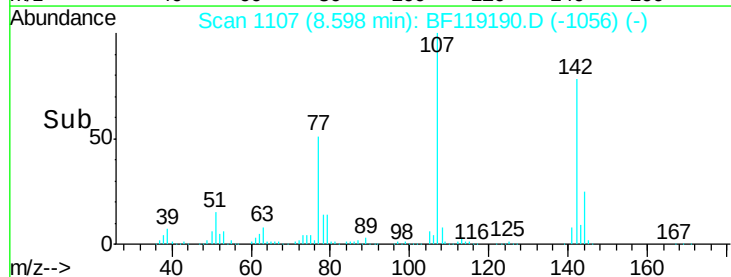
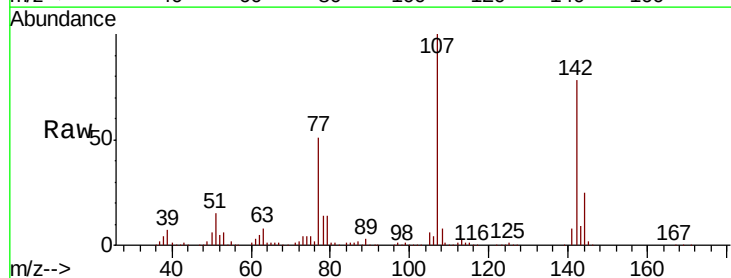
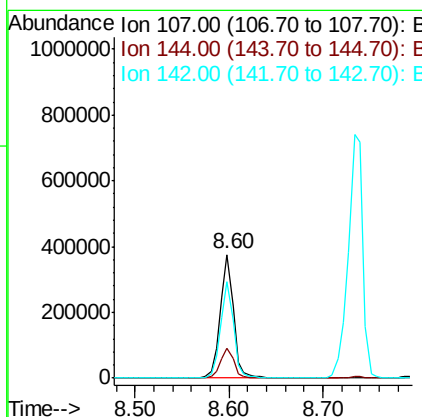
Manual Integrations
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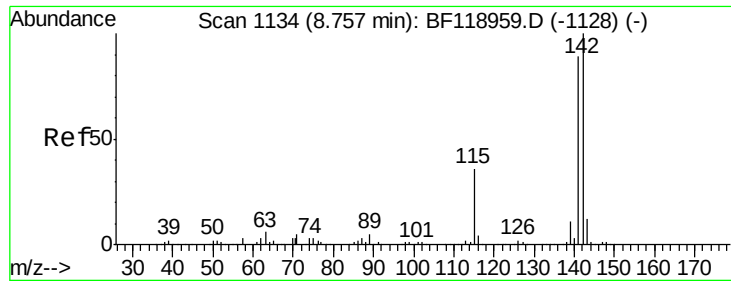
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.430 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.1	30.1
142	78.2	61.4	92.2





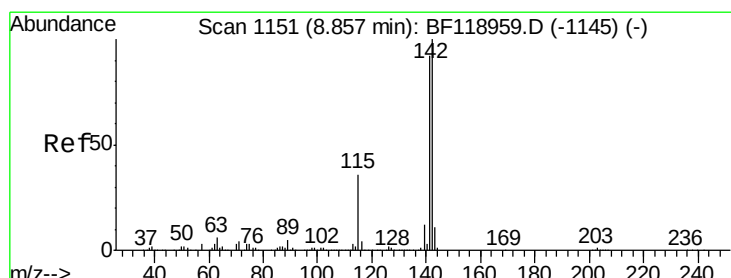
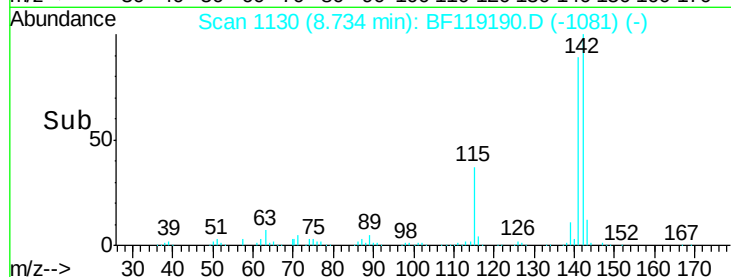
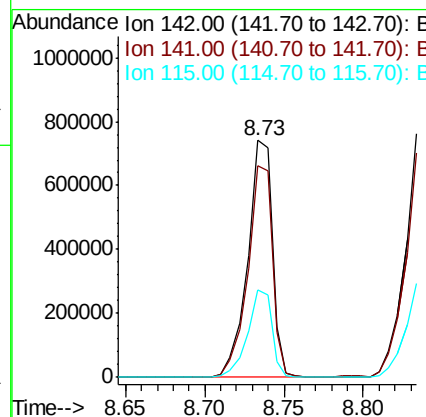
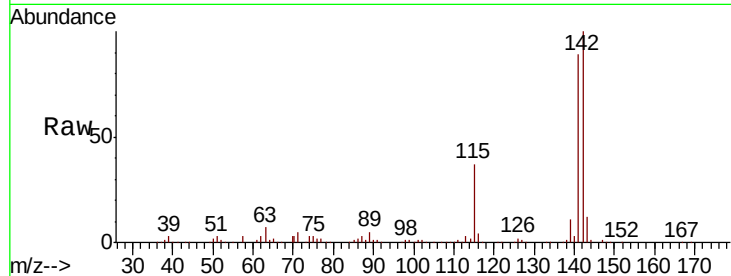
#37
2-Methylnaphthalene
Concen: 42.860 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	36.8	30.6	45.8

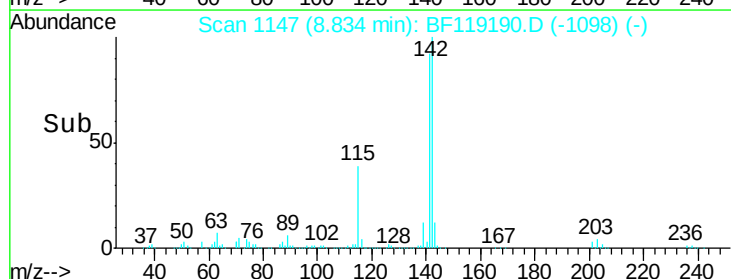
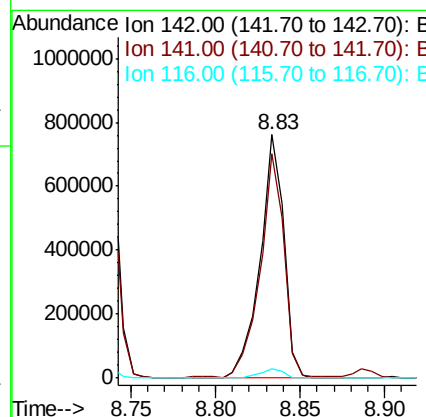
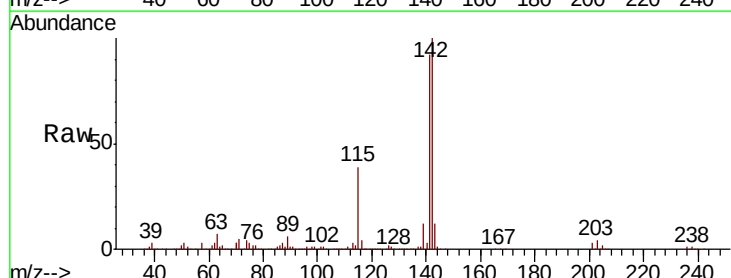
Manual Integrations
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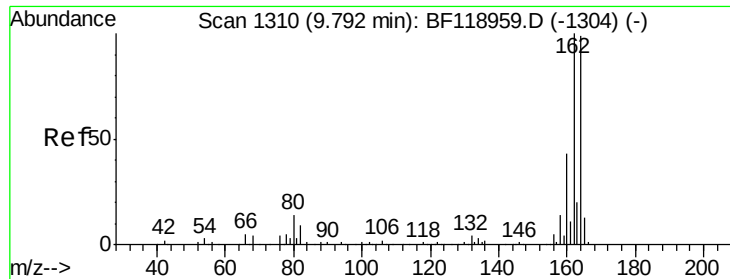
mohammad
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#38
1-Methylnaphthalene
Concen: 42.732 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.6
116	4.1	3.1	4.7





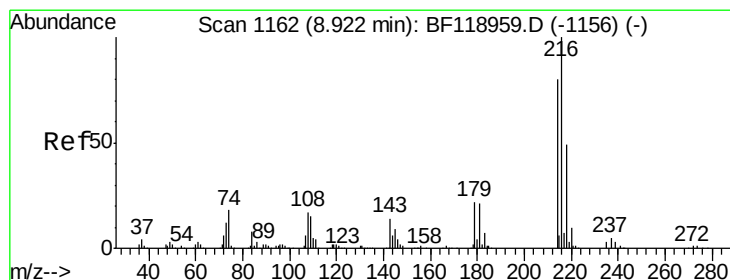
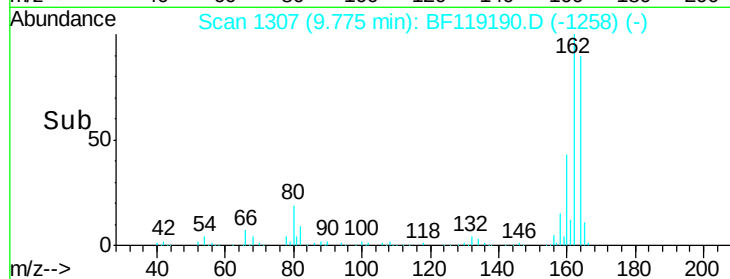
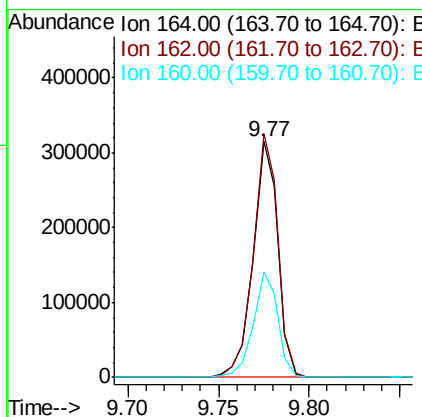
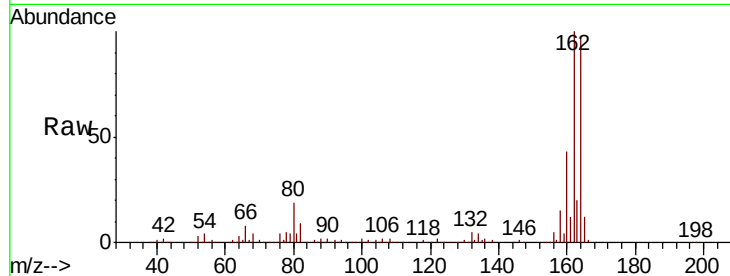
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	81.8	122.8	
160	44.9	36.0	54.0	

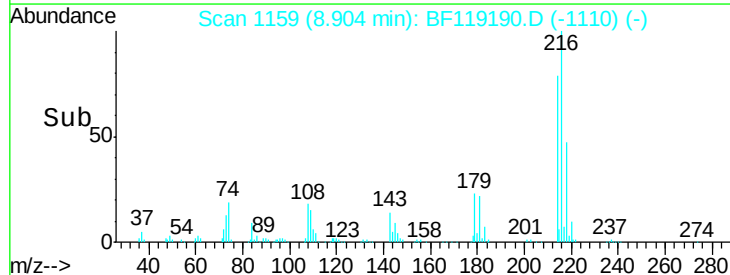
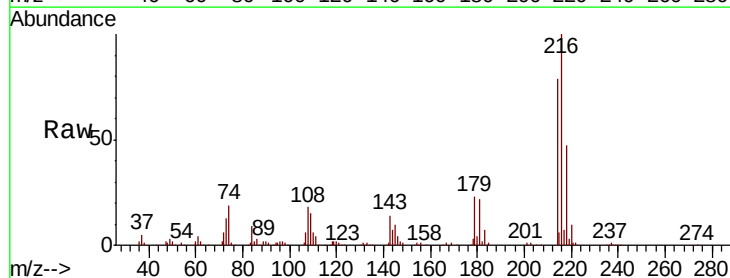
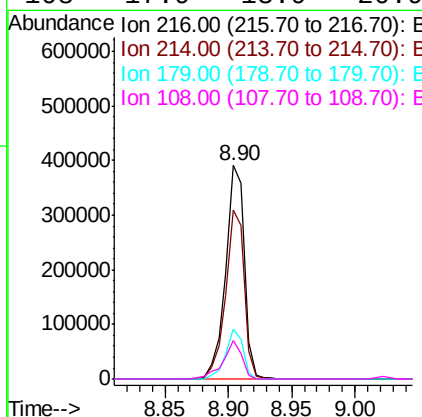
Manual Integrations
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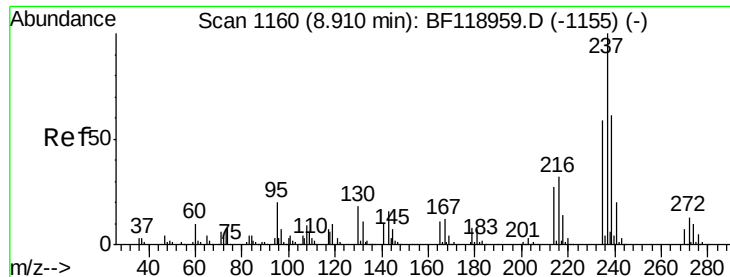
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.827 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.3	94.9	
179	22.0	17.7	26.5	
108	17.9	13.9	20.9	





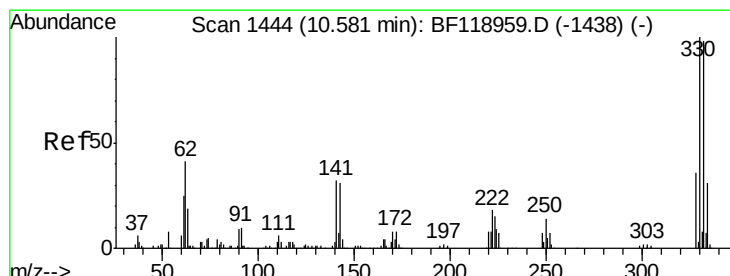
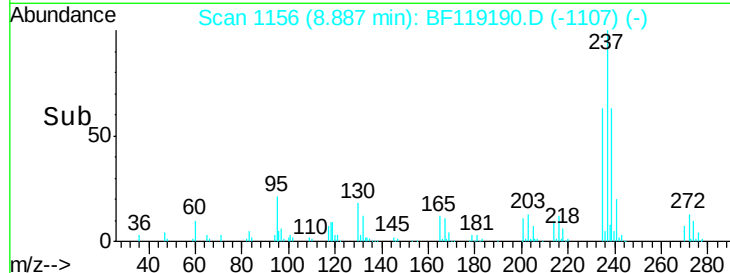
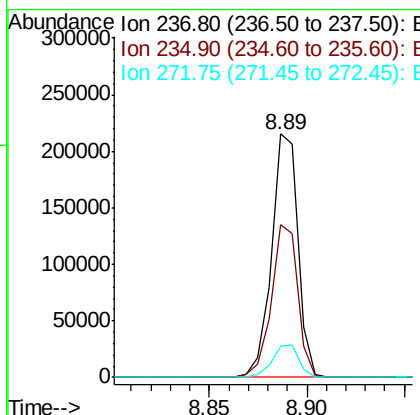
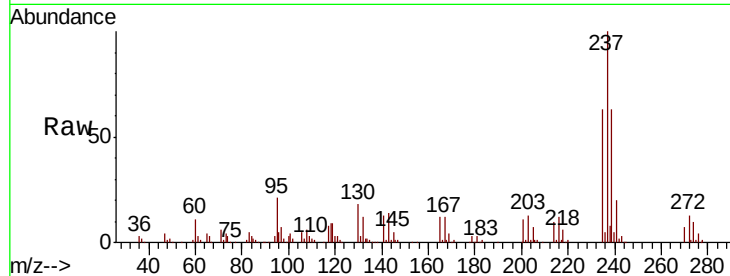
#41
Hexachlorocyclopentadiene
Concen: 58.166 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:	237	Resp:	201345
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.3	82.3
272	12.9	0.0	33.5

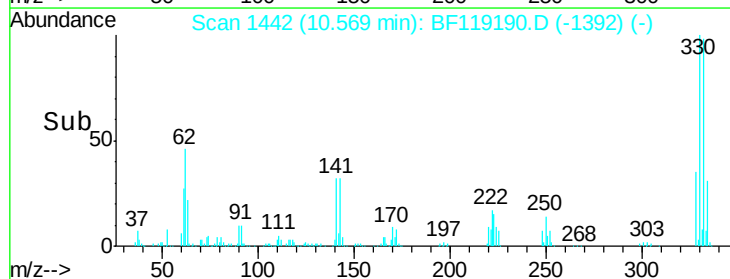
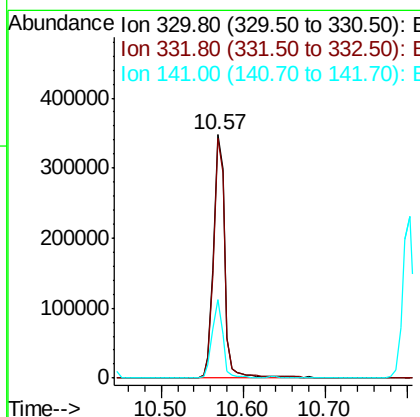
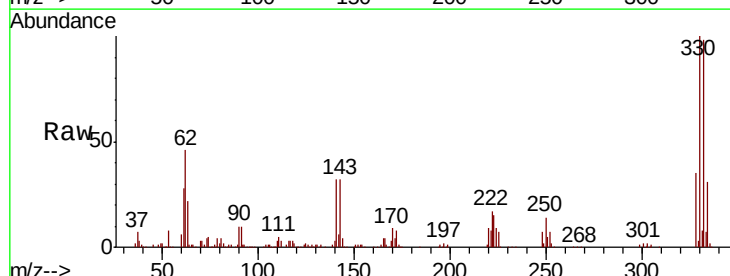
Manual Integrations
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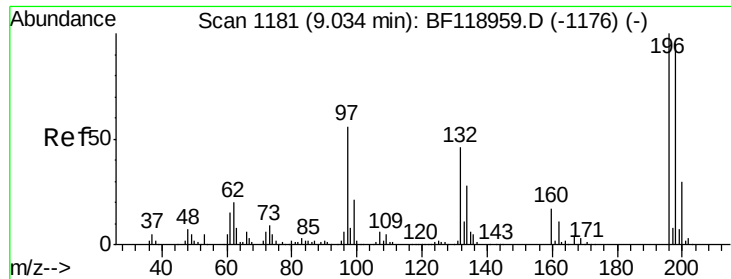
mohammad
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#42
2,4,6-Tribromophenol
Concen: 87.650 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:	330	Resp:	340413
Ion Ratio	Lower	Upper	
330	100		
332	98.1	76.0	114.0
141	29.8	22.9	34.3





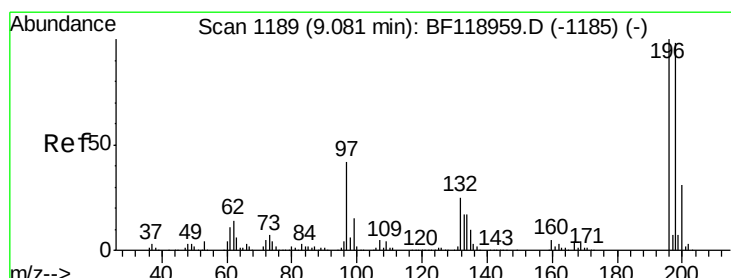
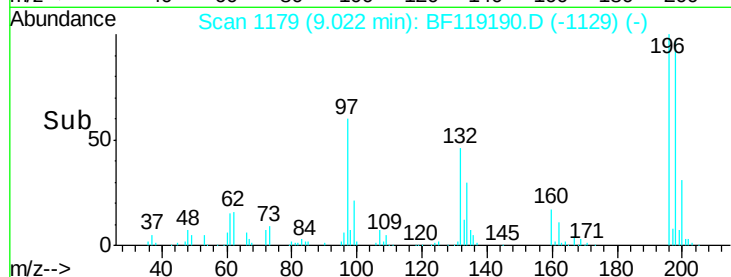
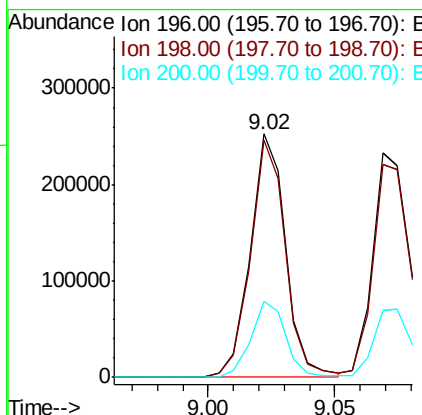
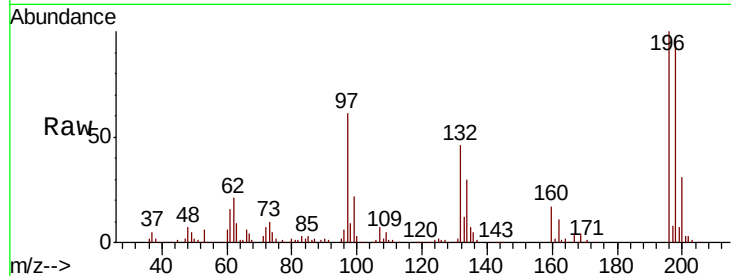
#43
 2,4,6-Trichlorophenol
 Concen: 38.914 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245977		
198	97.3	77.1	115.7	
200	31.3	25.0	37.6	

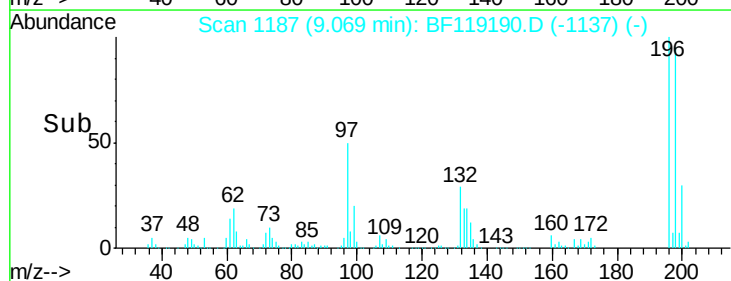
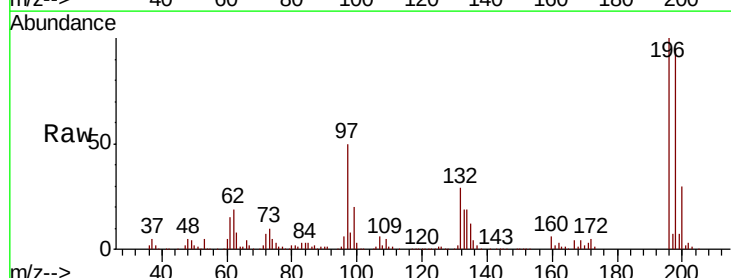
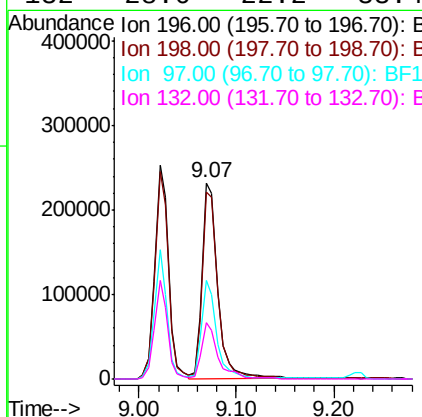
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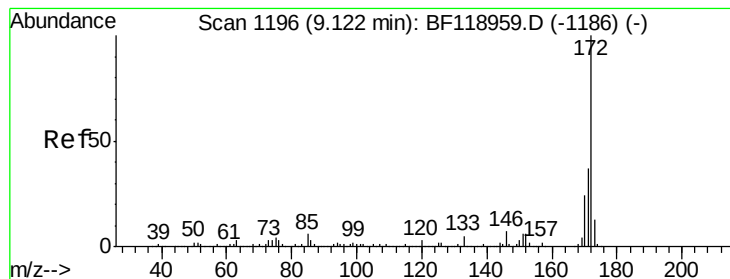
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.000 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258693		
198	95.2	76.8	115.2	
97	50.5	38.5	57.7	
132	28.6	22.2	33.4	





#45

2-Fluorobiphenyl

Concen: 62.490 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:172 Resp: 1259353

Ion Ratio Lower Upper

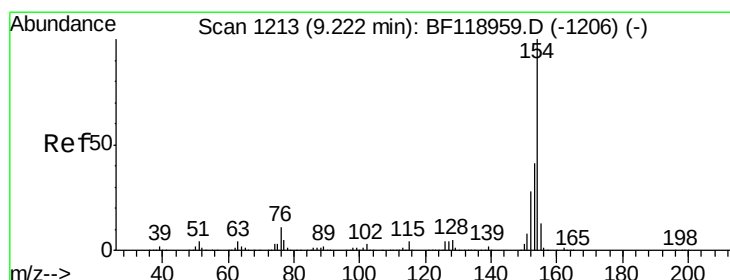
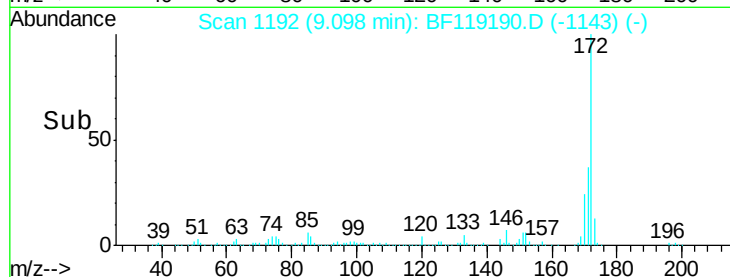
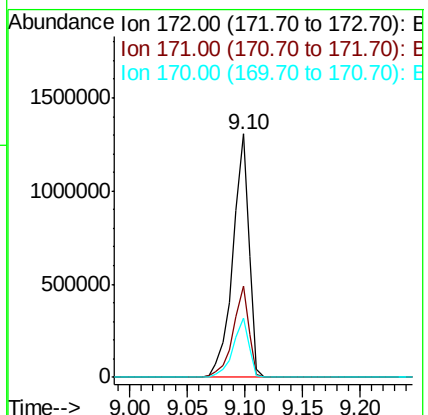
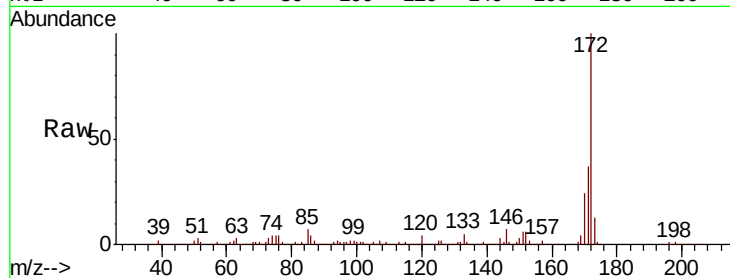
172 100

171 37.4 30.6 45.8

170 24.2 20.2 30.2

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#46

1,1'-Biphenyl

Concen: 40.014 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

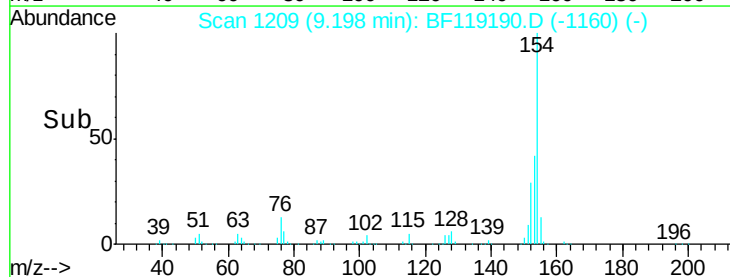
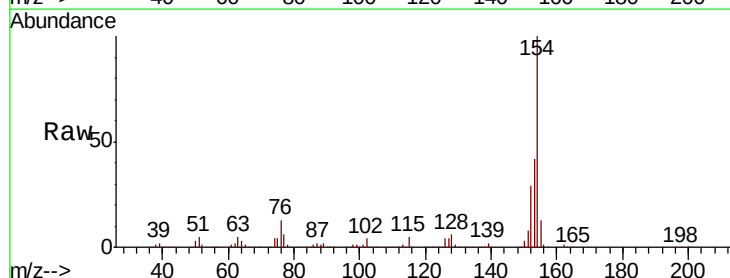
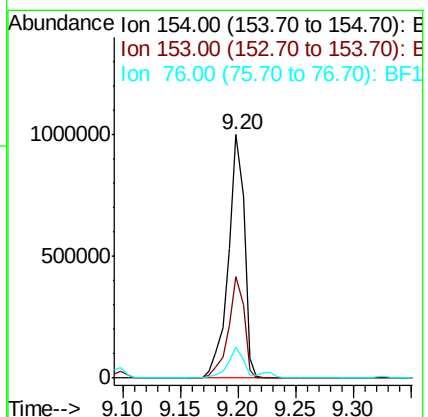
Tgt Ion:154 Resp: 960122

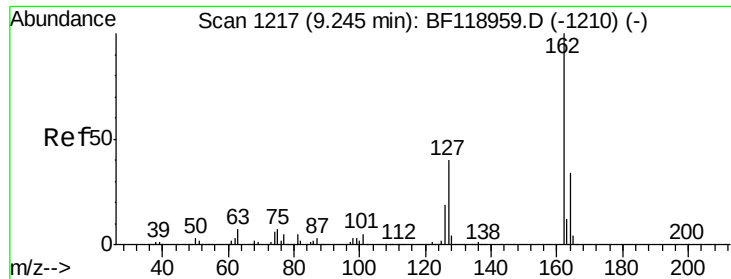
Ion Ratio Lower Upper

154 100

153 41.5 22.8 62.8

76 12.6 0.0 32.2





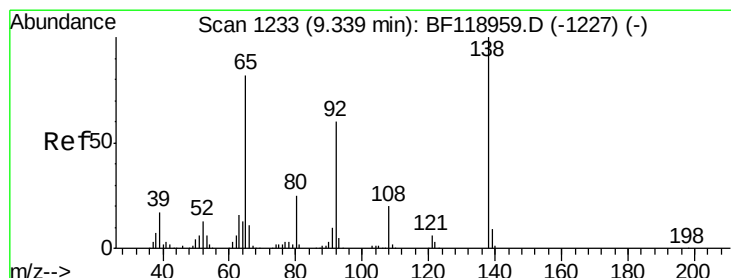
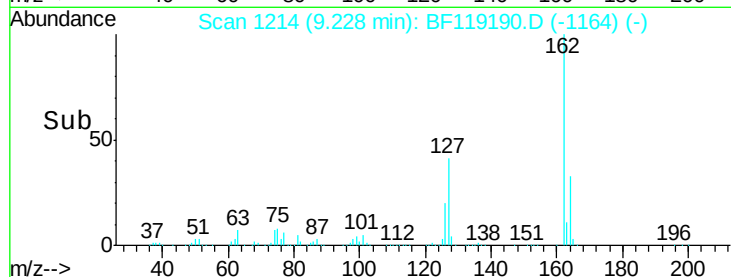
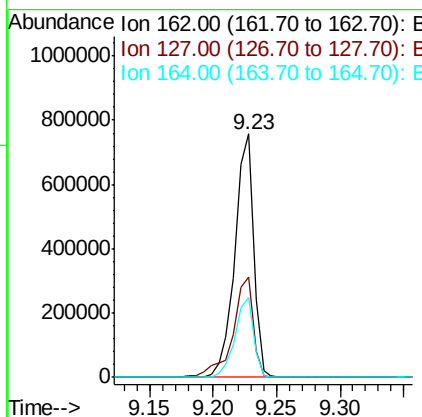
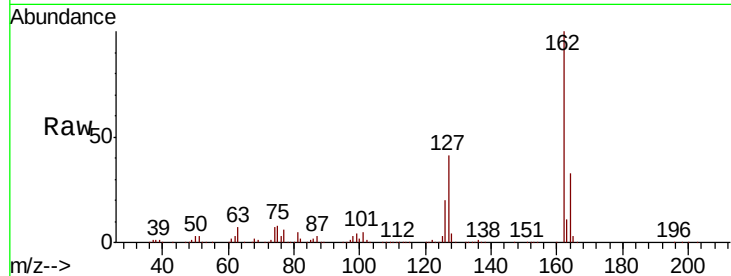
#47
2-Chloronaphthalene
Concen: 39.761 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	768815		
127	41.0		35.0	52.4
164	32.8		27.2	40.8

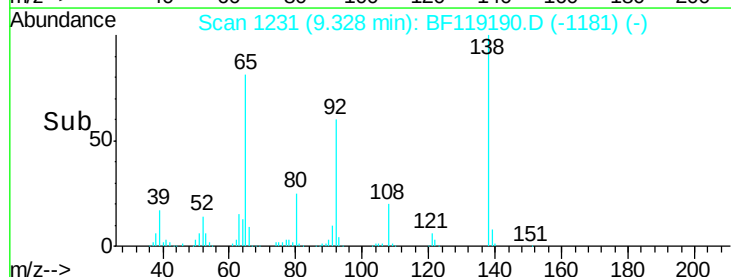
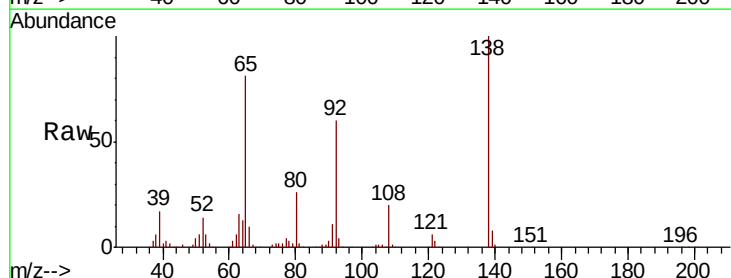
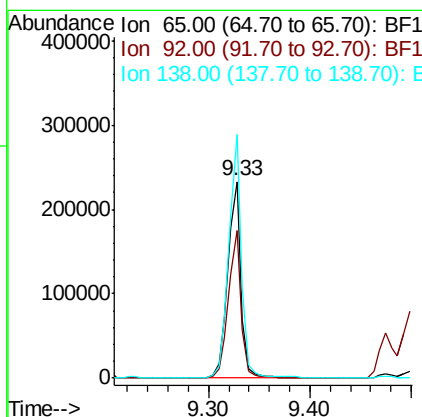
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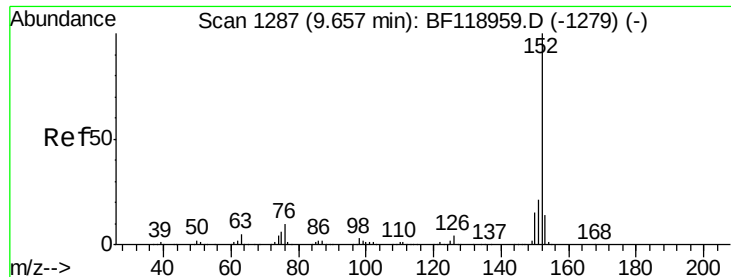
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#48
2-Nitroaniline
Concen: 39.349 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	212215		
92	74.8		58.2	87.2
138	123.7		95.6	143.4





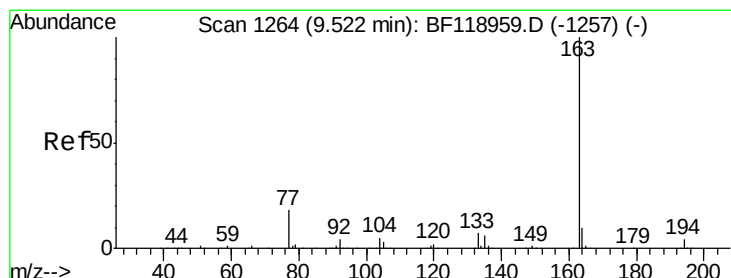
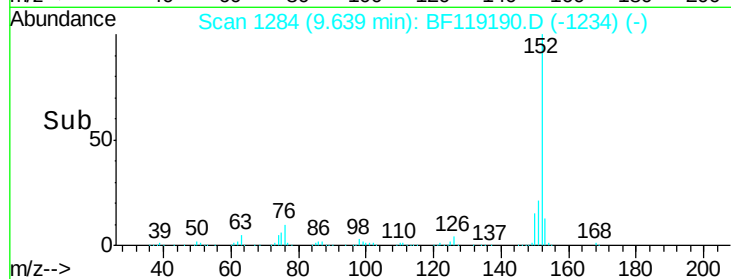
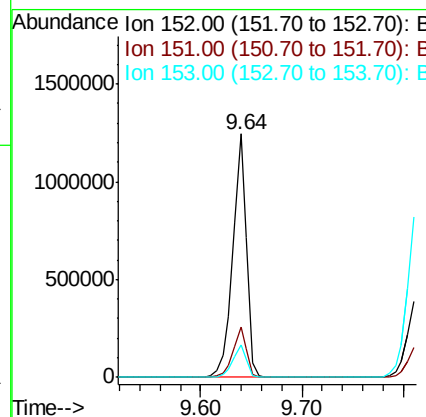
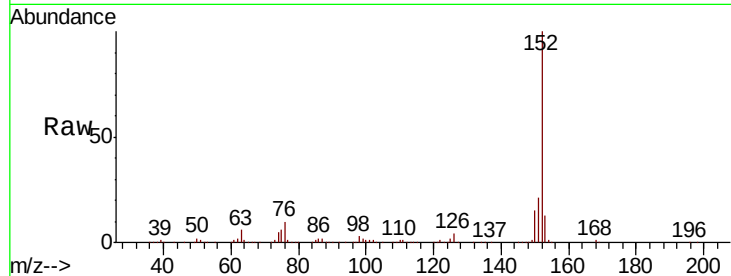
#49
Acenaphthylene
Concen: 41.914 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.8	16.9	25.3	
153	13.3	11.0	16.6	

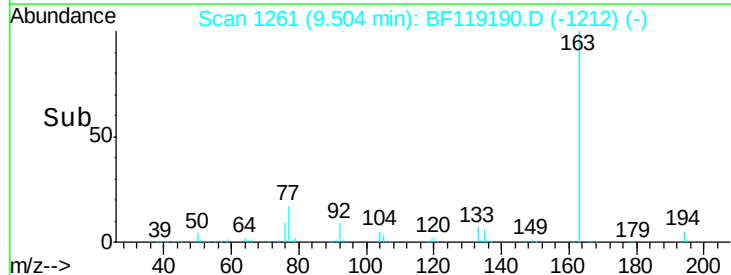
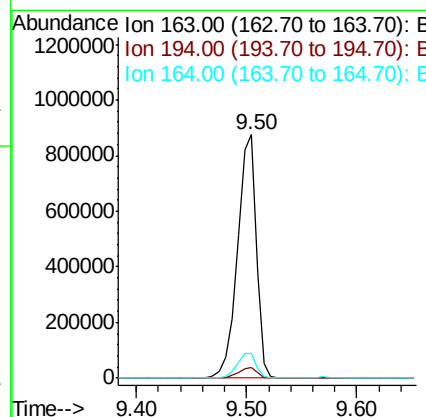
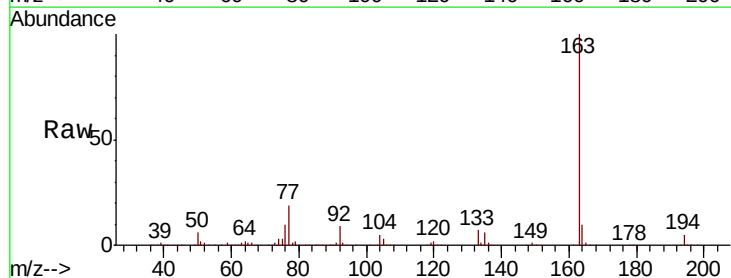
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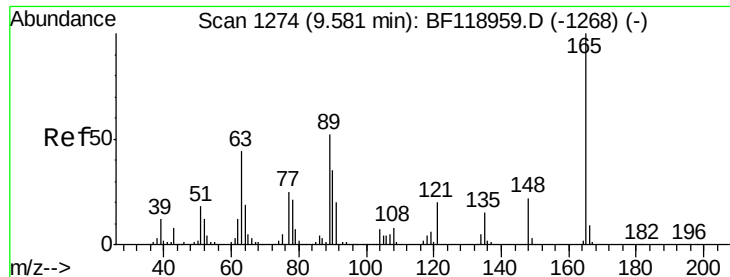
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#50
Dimethylphthalate
Concen: 46.153 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.5	3.5	5.3	
164	10.0	8.4	12.6	





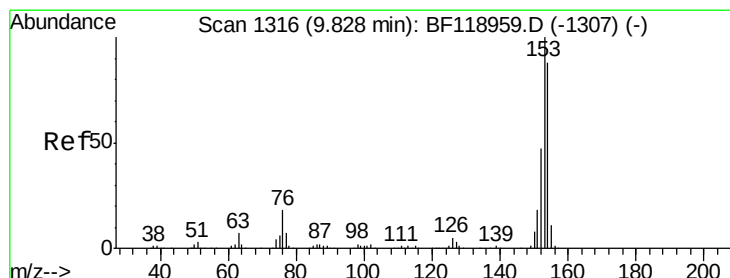
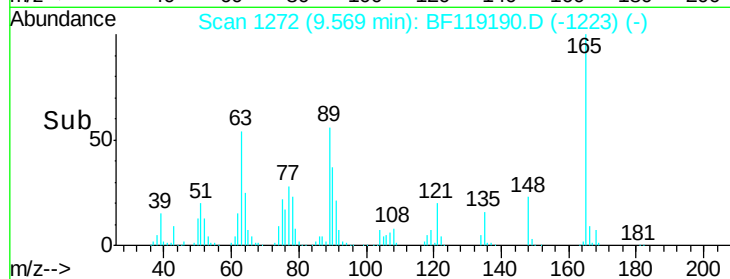
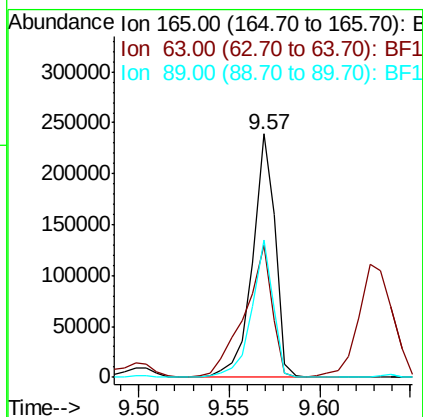
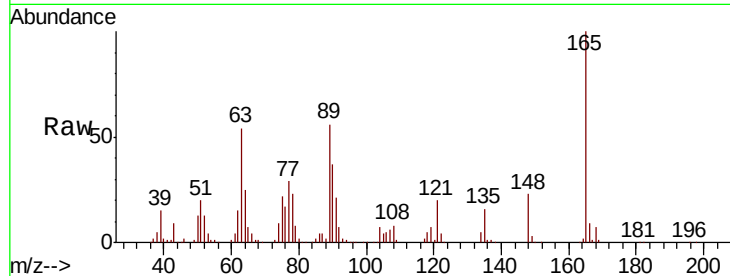
#51
 2,6-Dinitrotoluene
 Concen: 40.973 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206661		
63	54.1	34.3	51.5#	
89	56.4	38.3	57.5	

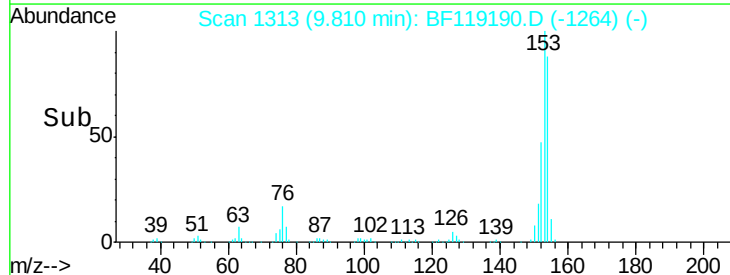
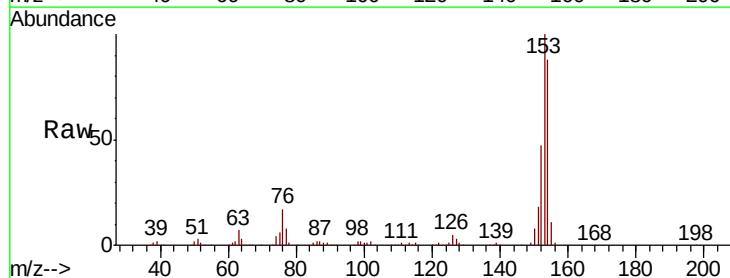
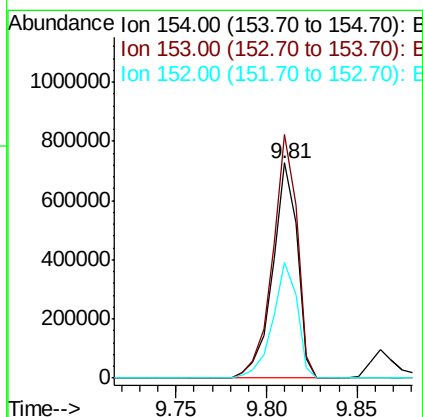
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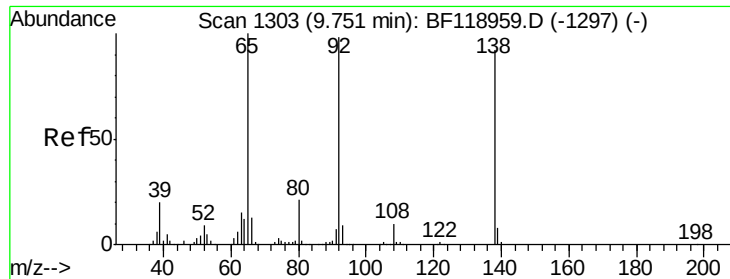
mohammad
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#52
 Acenaphthene
 Concen: 40.840 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	687728		
153	113.2	90.3	135.5	
152	53.7	43.8	65.8	





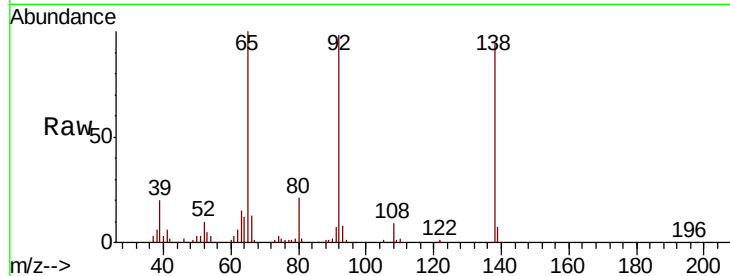
#53
3-Nitroaniline
Concen: 18.017 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

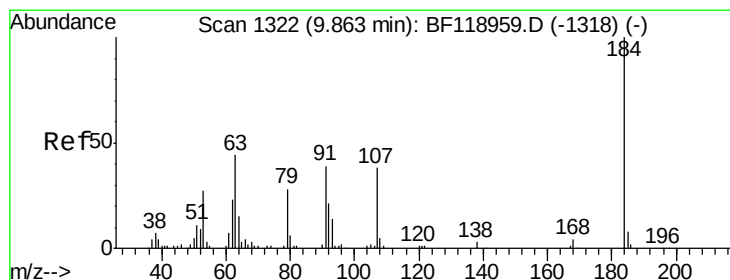
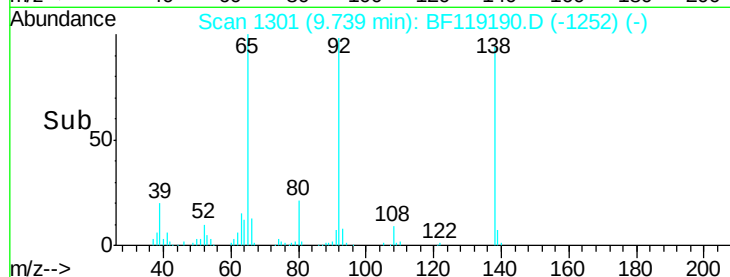
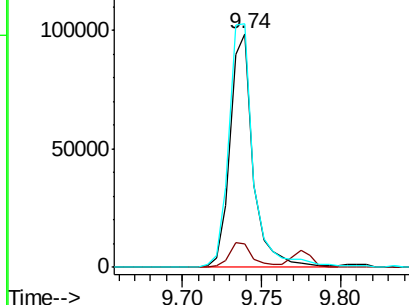
Tot Ion	Ratio	Resp	Lower	Upper
138	100	100744		
108	10.0		8.8	13.2
92	104.2		84.8	127.2

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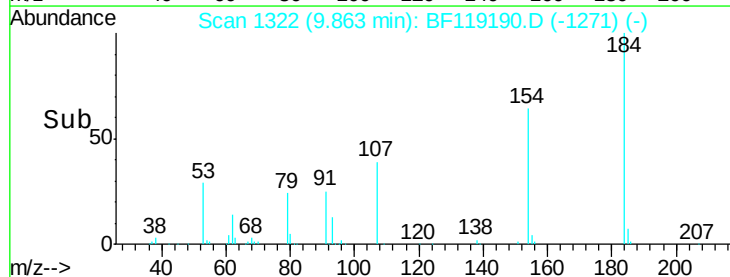
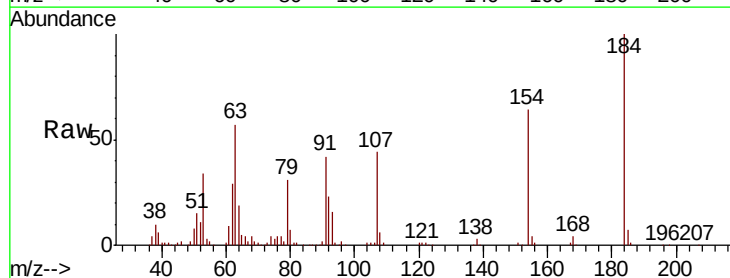
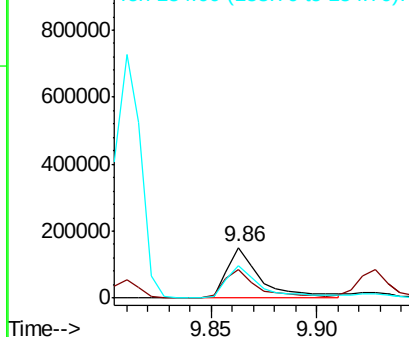
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

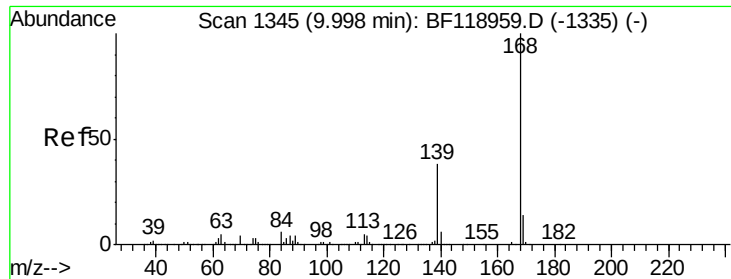


#54
2,4-Dinitrophenol
Concen: 69.366 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	167357		
63	56.9		38.7	58.1
154	64.2		49.7	74.5

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





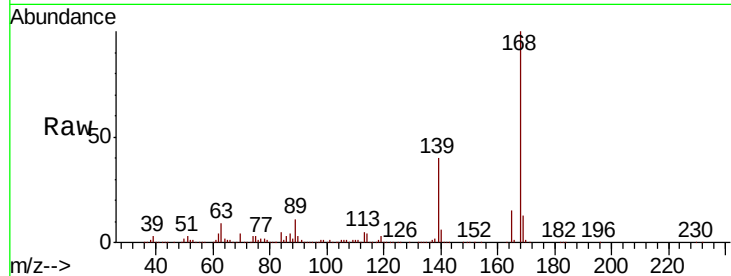
#55
Dibenzofuran
Concen: 41.001 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	34.0	51.0
169	13.2	11.0	16.4

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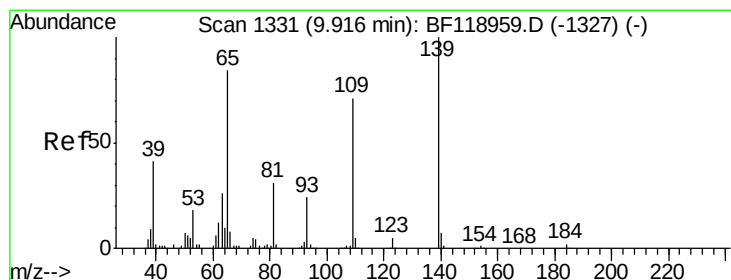
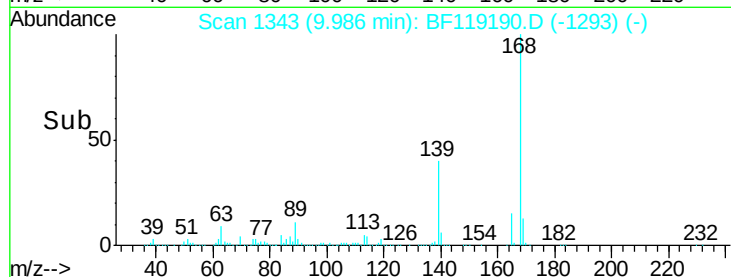
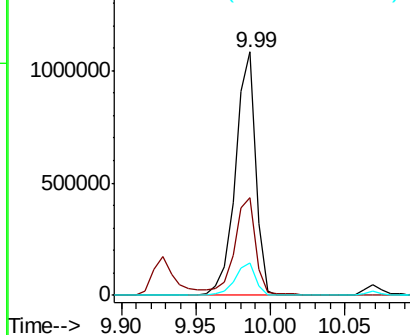


Abundance

Ion 168.00 (167.70 to 168.70): E

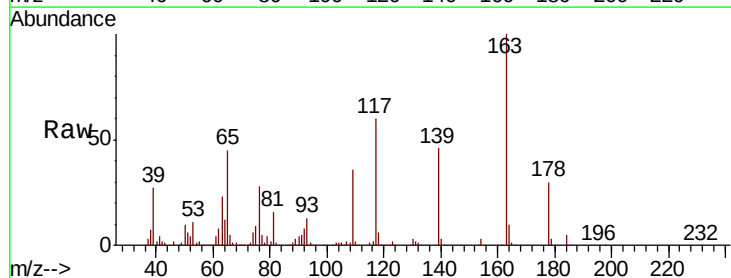
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 54.762 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.1	56.7	96.7
65	97.2	65.0	105.0

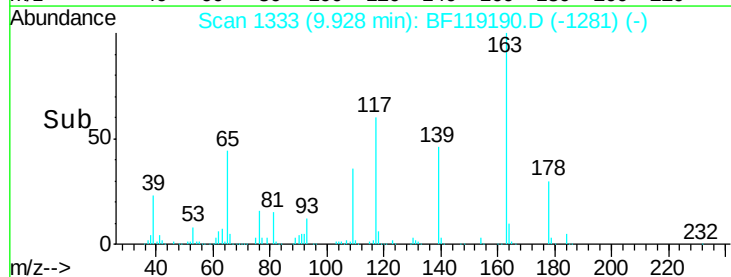
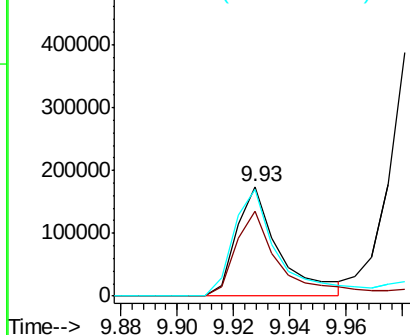


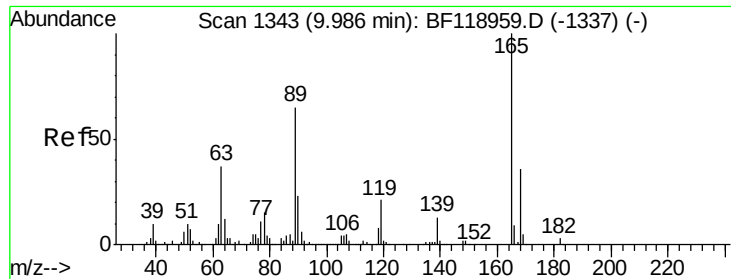
Abundance

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





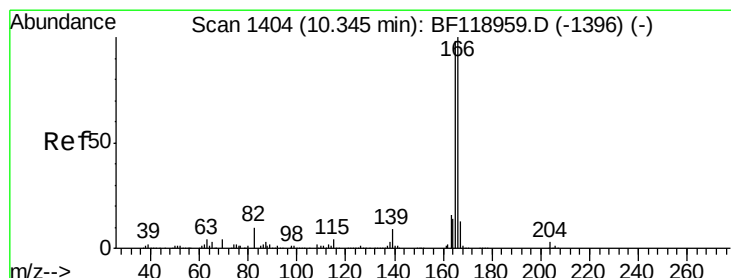
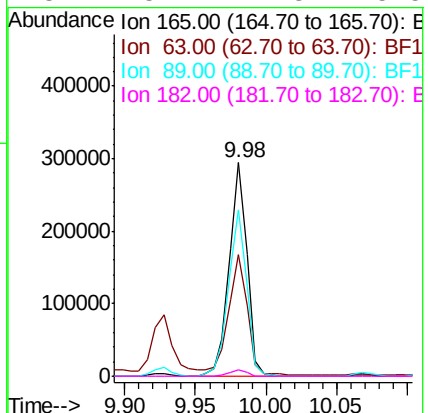
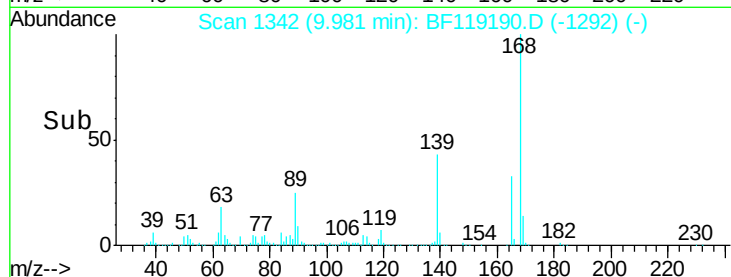
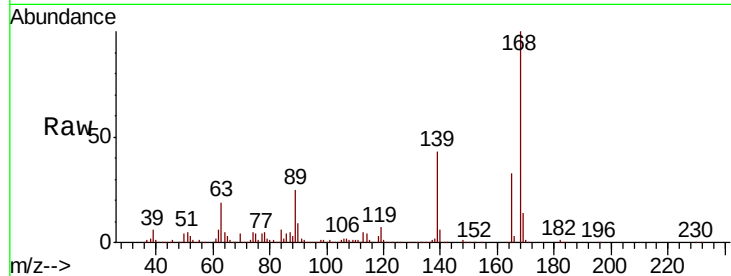
#57
 2,4-Dinitrotoluene
 Concen: 39.636 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	42.3	63.5
89	77.7	60.2	90.4
182	3.1	2.3	3.5

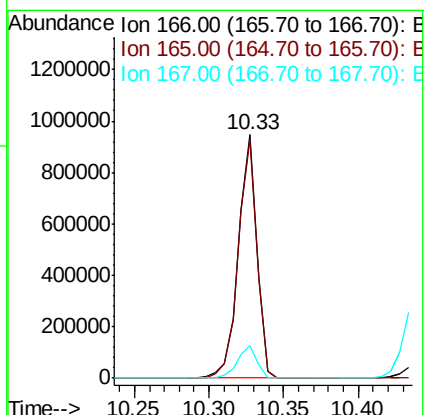
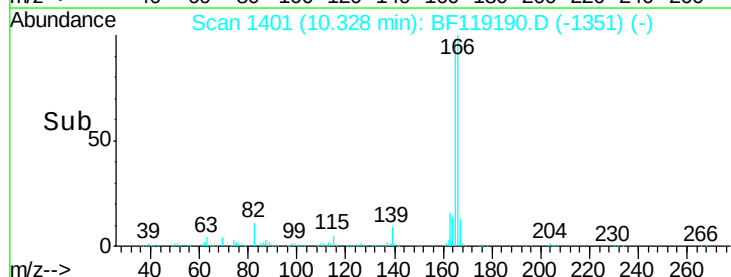
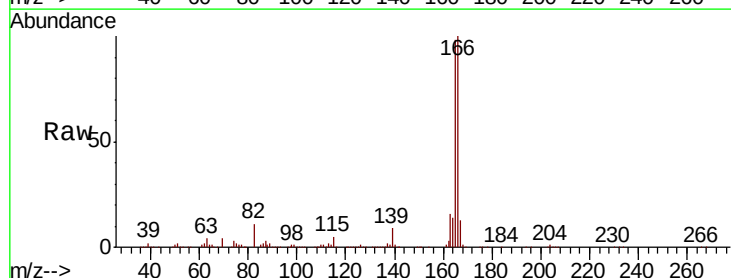
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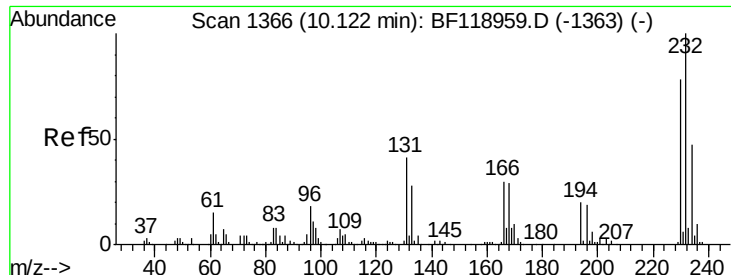
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#58
 Fluorene
 Concen: 42.143 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	13.5	11.0	16.4





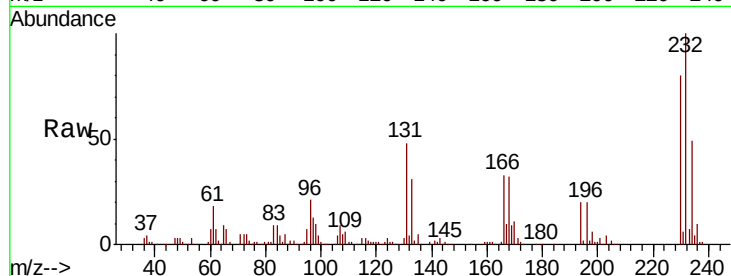
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.784 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	222667		
131	40.9	33.8	50.8	
130	2.3	1.8	2.6	
166	28.1	23.0	34.4	

Manual Integrations
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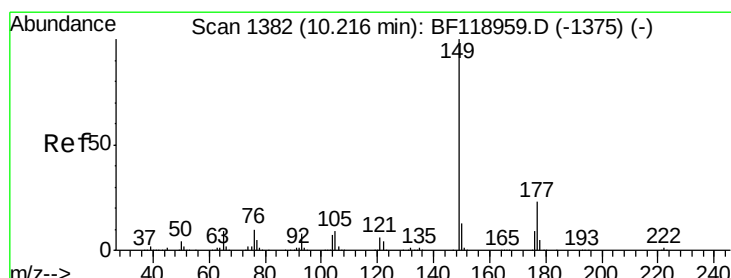
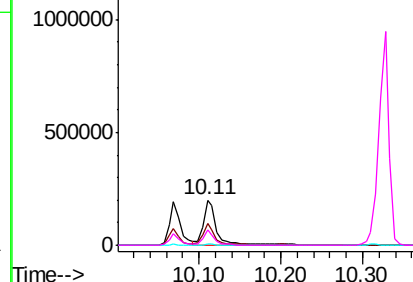
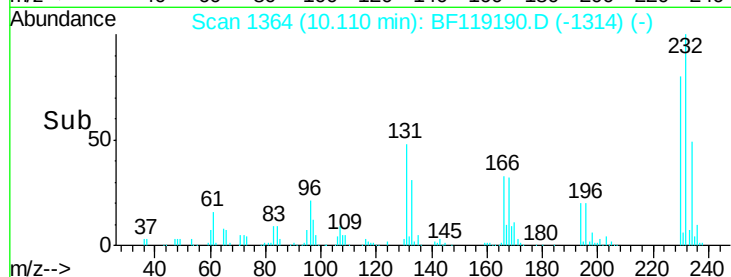
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

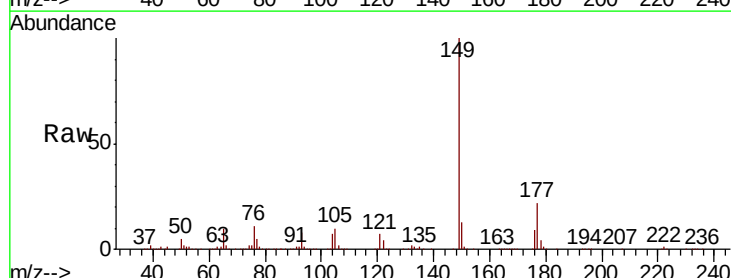
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.093 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	900543		
177	22.1	18.2	27.2	
150	13.3	10.5	15.7	

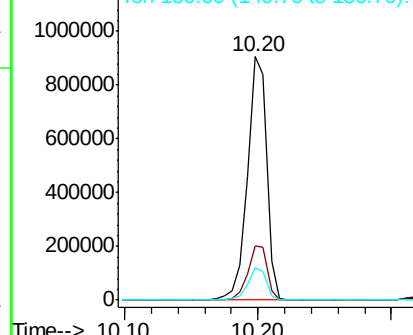
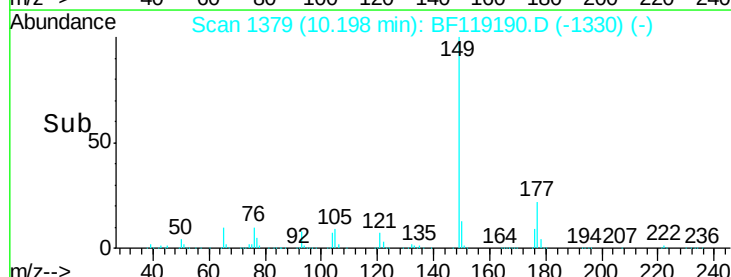


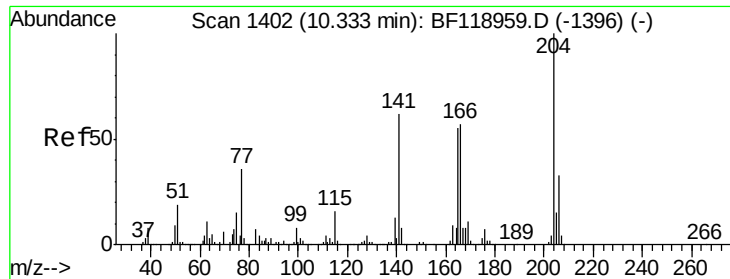
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





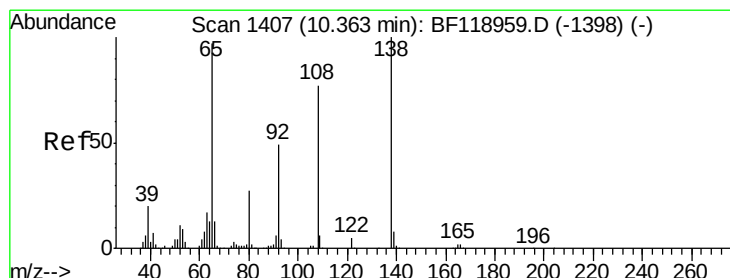
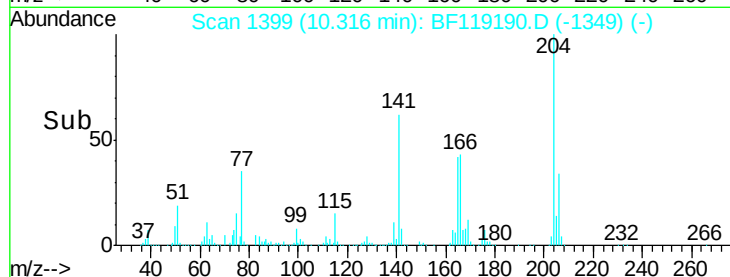
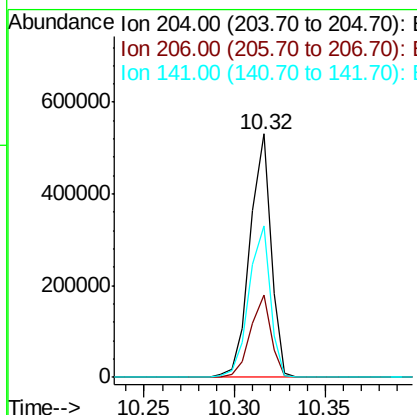
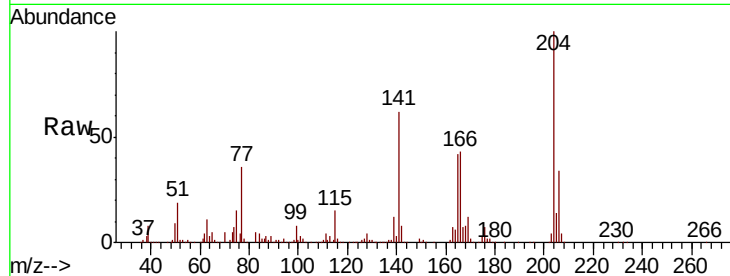
#61
 4-Chlorophenyl-phenylether
 Concen: 41.807 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:	204	Resp:	432199
Ion Ratio		Lower	Upper
204	100		
206	33.7	27.1	40.7
141	62.4	52.9	79.3

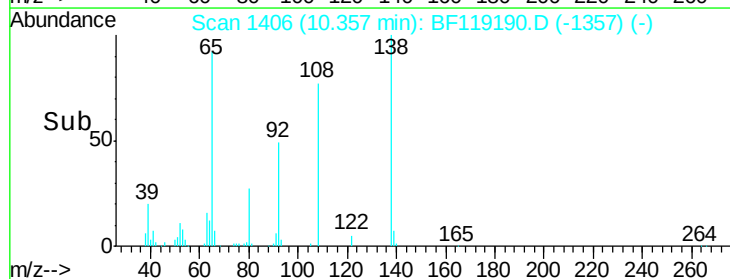
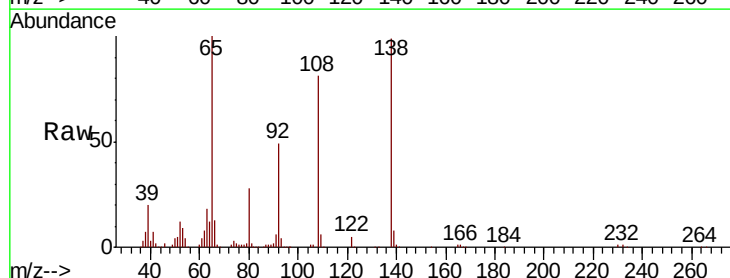
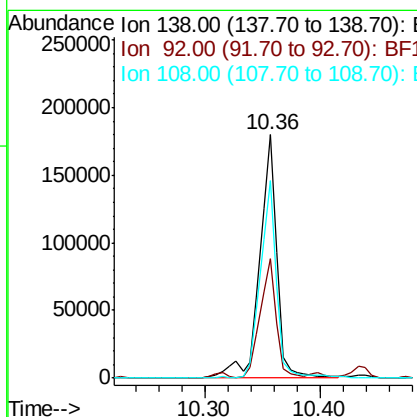
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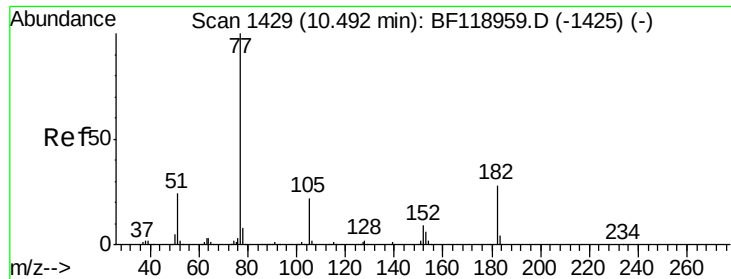
mohammad
 3/5/2020 3:54:13 PM



#62
 4-Nitroaniline
 Concen: 33.394 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion:	138	Resp:	191042
Ion Ratio		Lower	Upper
138	100		
92	49.1	27.3	67.3
108	81.1	57.0	97.0





#63

Azobenzene

Concen: 42.956 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

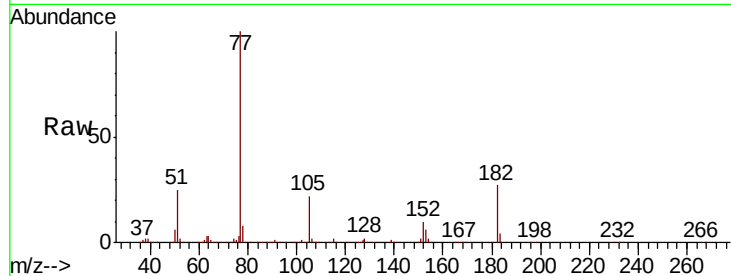
ClientSampleId :

TP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	11.4	51.4	
105	21.8	3.4	43.4	
51	25.2	5.1	45.1	

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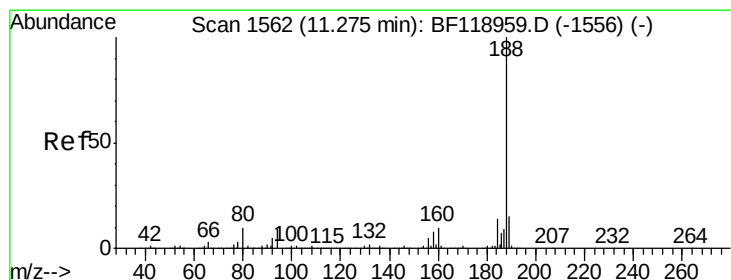
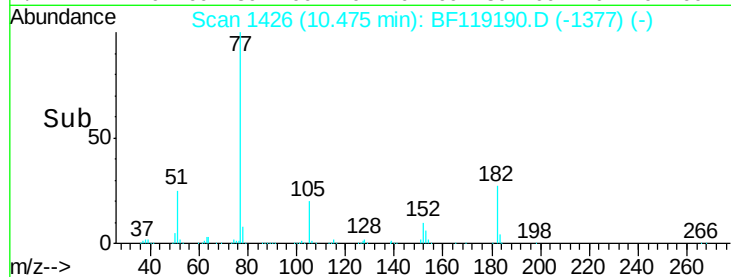
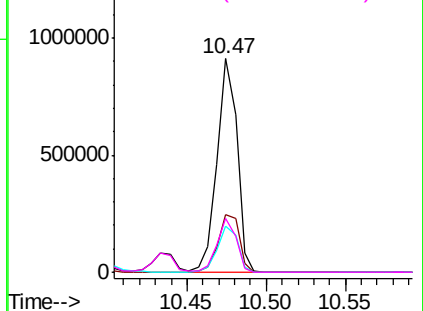


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF119190.D

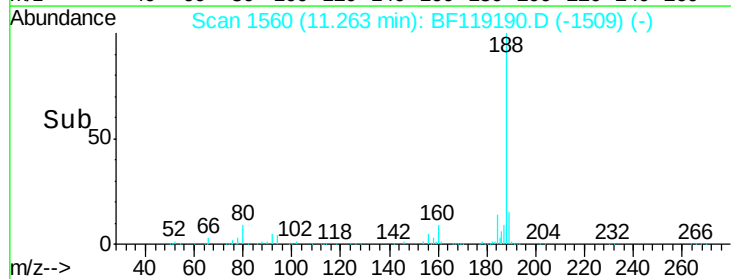
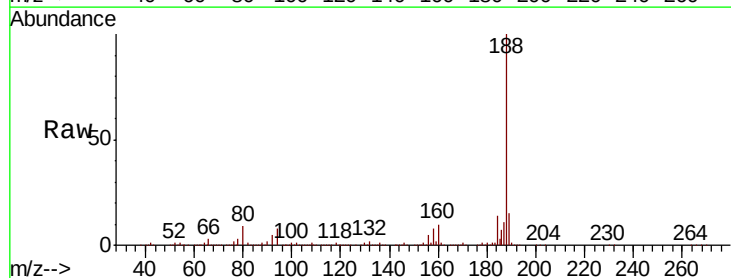
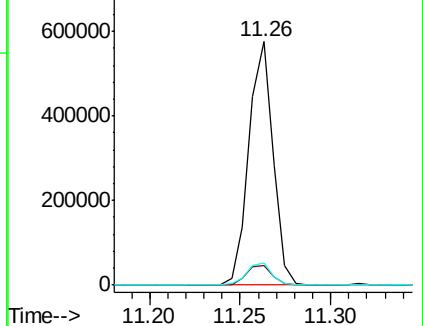
Acq: 4 Mar 2020 12:57

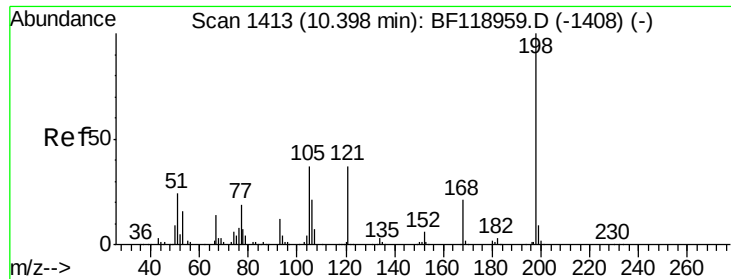
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.1	10.7	
80	9.1	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.696 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampled :

TP-1MSD

Tot Ion:198 Resp: 141771

Ion Ratio Lower Upper

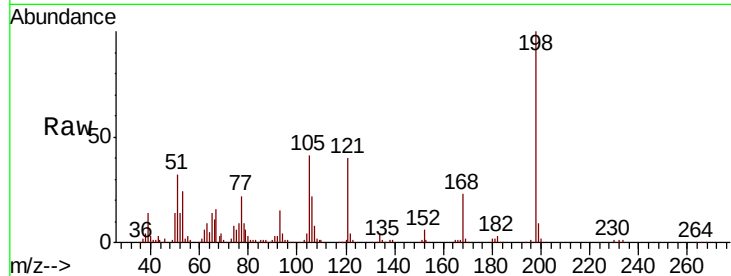
198 100

51 31.6 14.2 54.2

105 40.6 22.7 62.7

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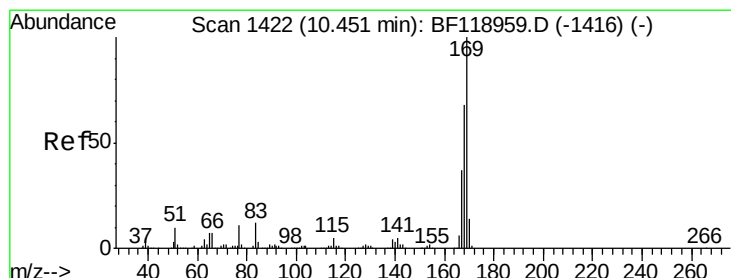
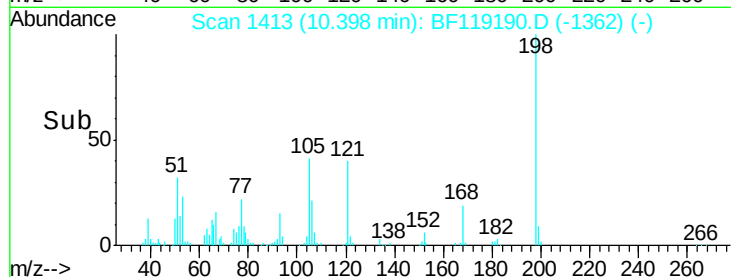
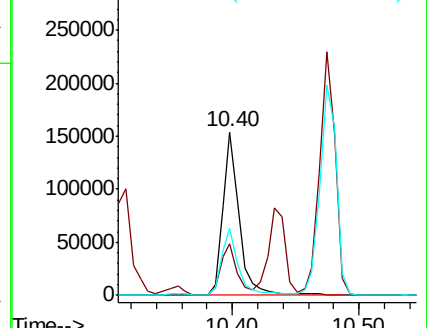
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.501 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

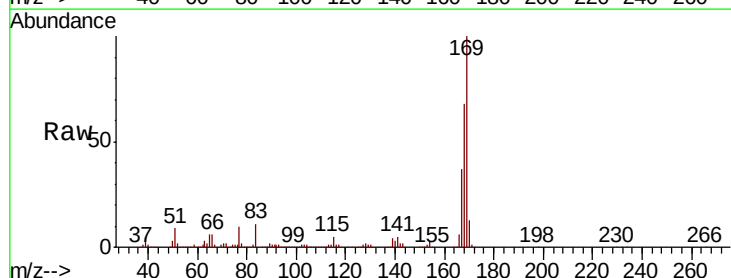
Tgt Ion:169 Resp: 746168

Ion Ratio Lower Upper

169 100

168 67.7 54.1 81.1

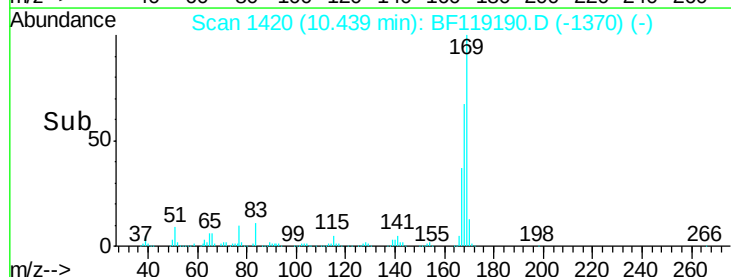
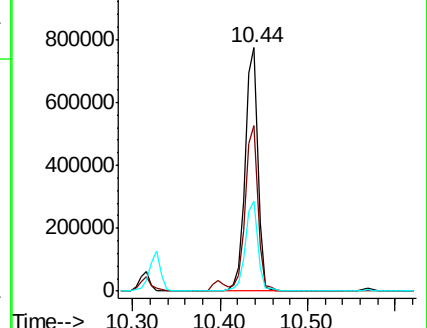
167 37.0 29.4 44.0

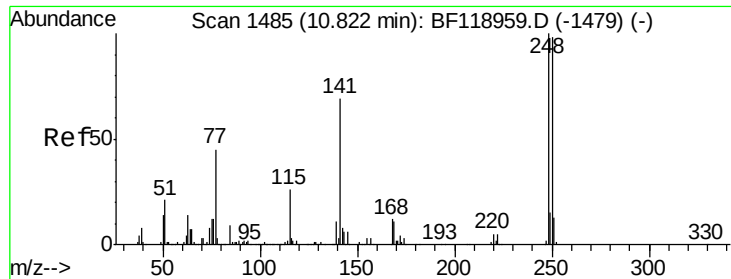


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





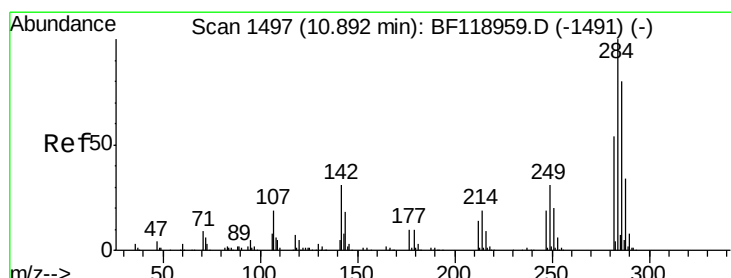
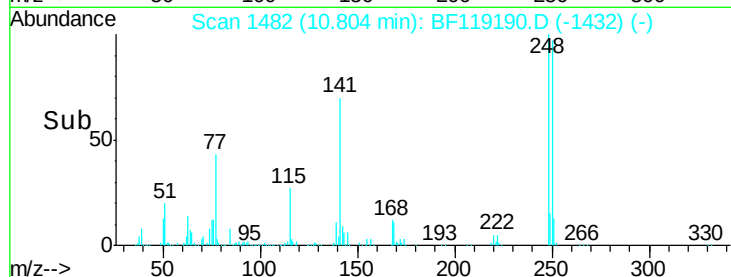
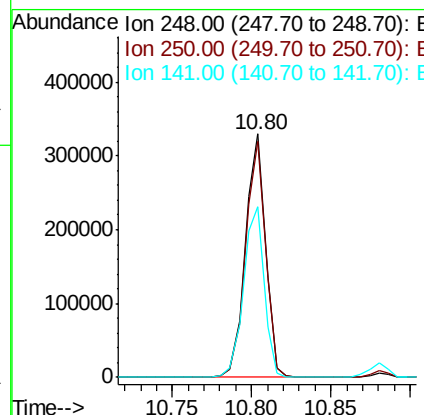
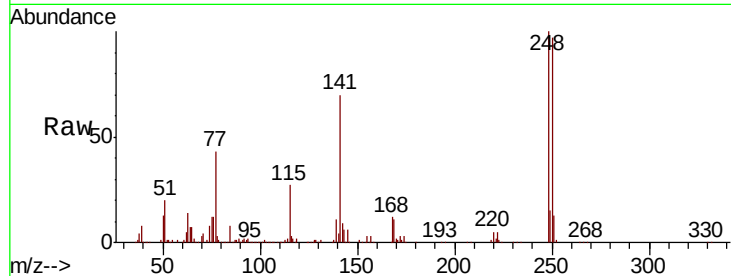
#67
4-Bromophenyl-phenylether
Concen: 41.260 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	69.9	60.7	91.1

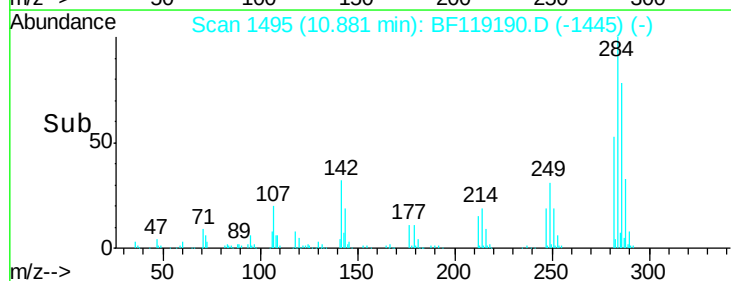
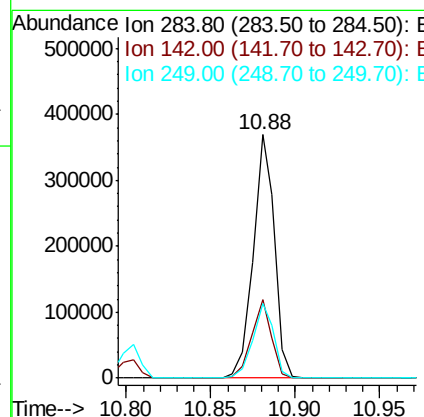
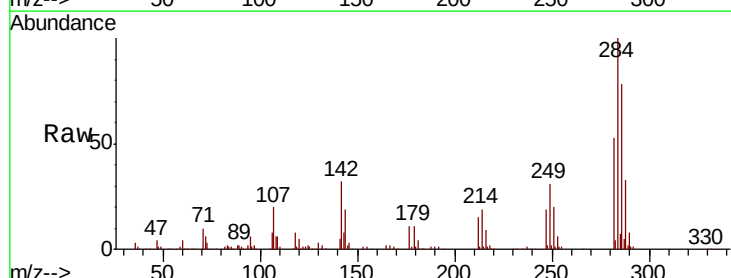
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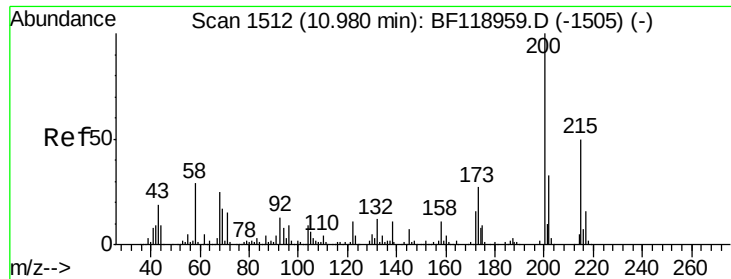
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#68
Hexachlorobenzene
Concen: 40.211 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	23.7	35.5
249	30.8	25.0	37.6





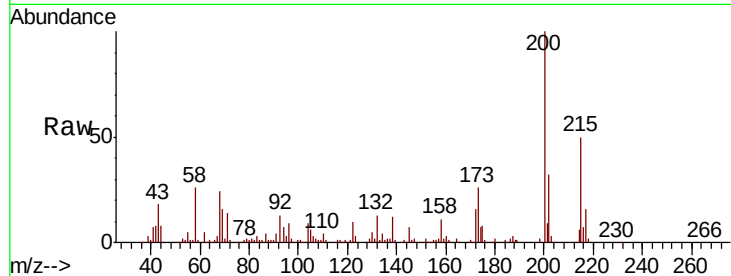
#69
Atrazine
Concen: 40.684 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.4	46.4
215	50.3	27.4	67.4

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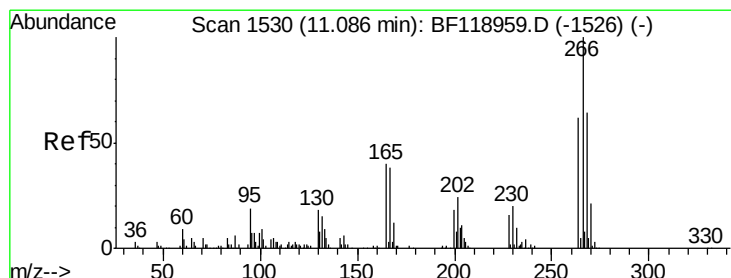
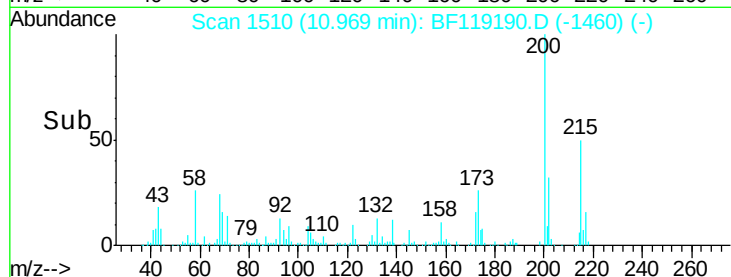
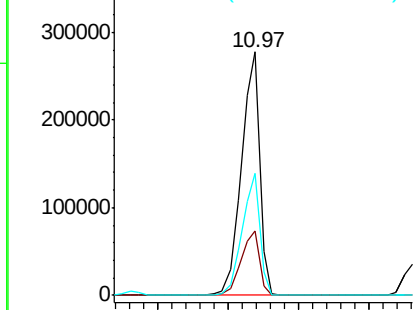


Abundance

Ion 200.00 (199.70 to 200.70): E

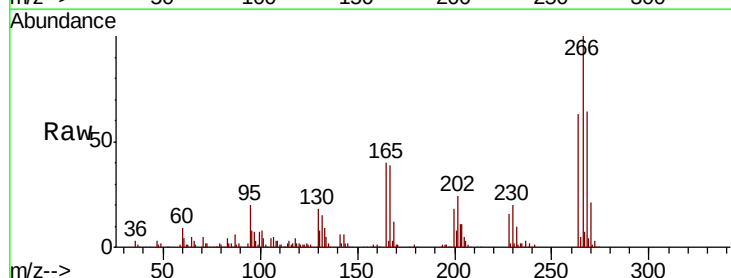
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.071 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	51.9	77.9
264	62.6	51.0	76.4

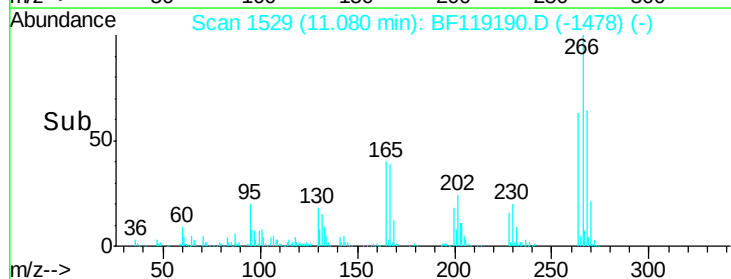
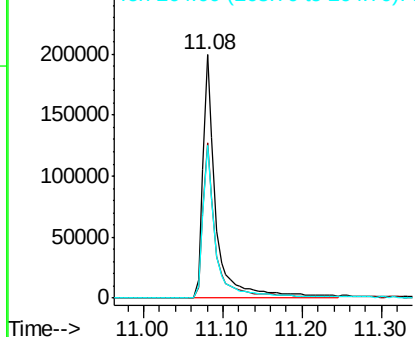


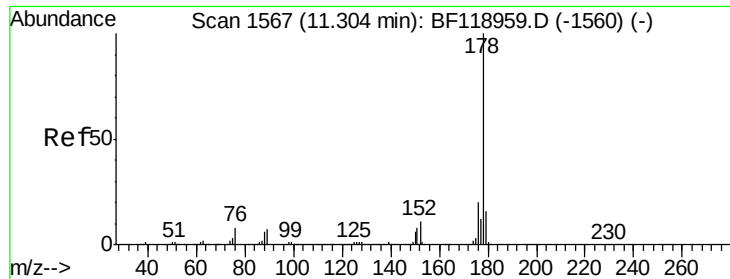
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





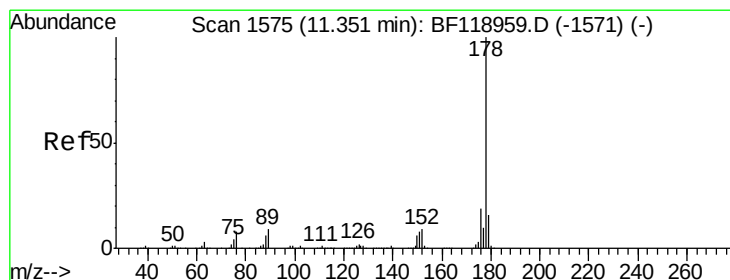
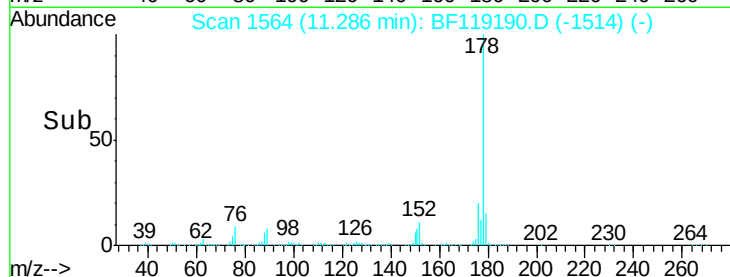
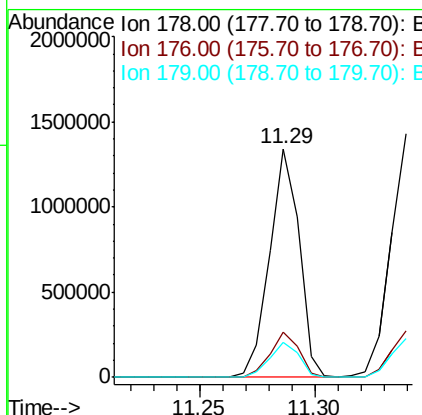
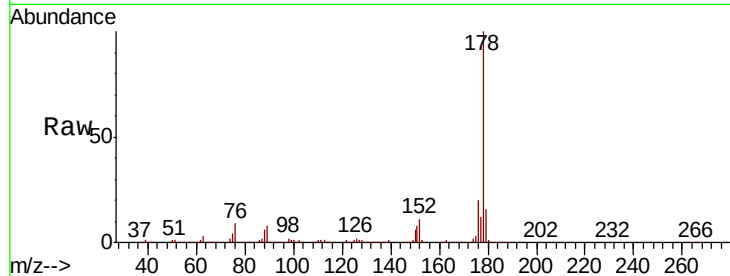
#71
Phenanthrene
Concen: 40.895 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:178 Resp: 1195819
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.6 13.0 19.6

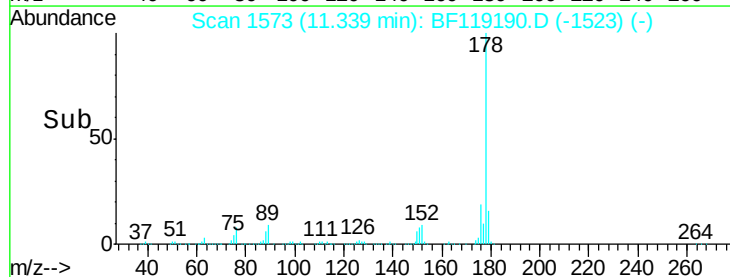
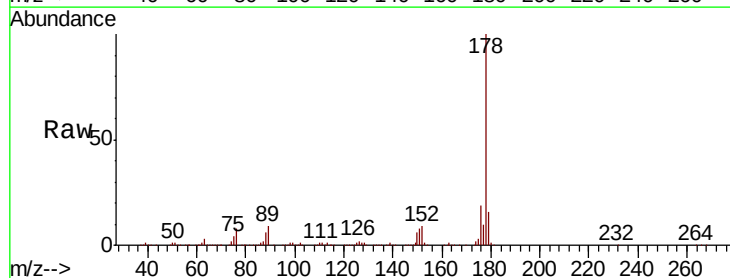
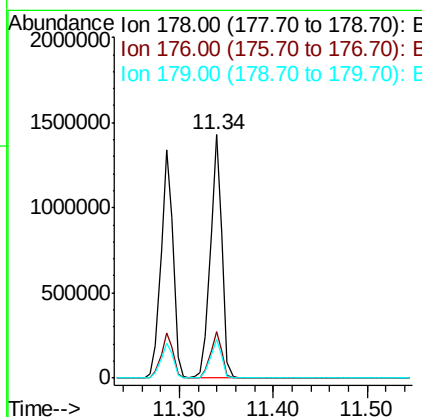
Manual Integrations
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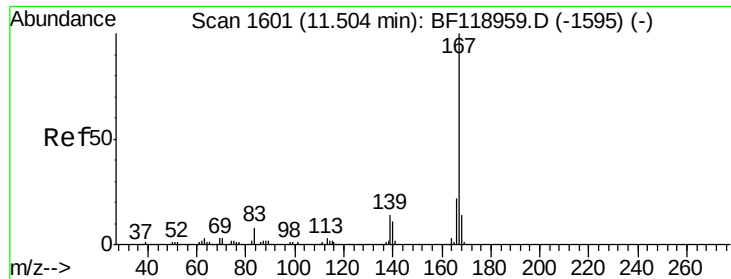
mohammad
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#72
Anthracene
Concen: 42.855 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion:178 Resp: 1252081
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.2 13.1 19.7





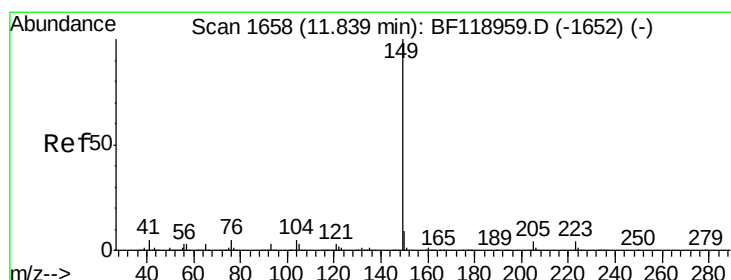
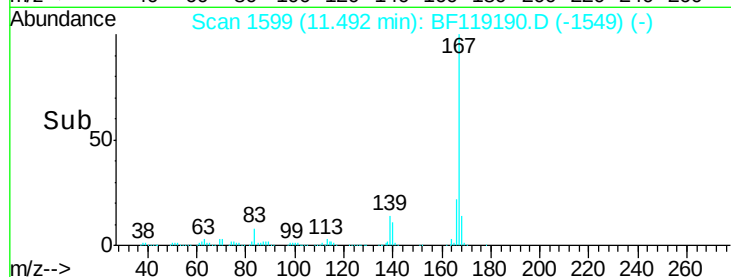
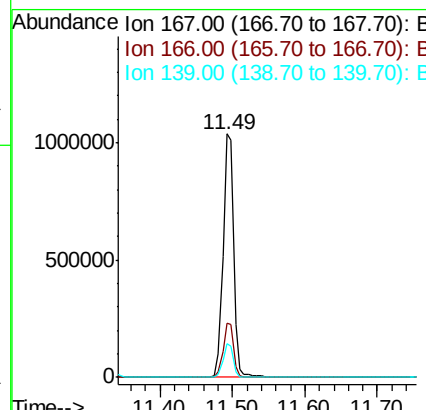
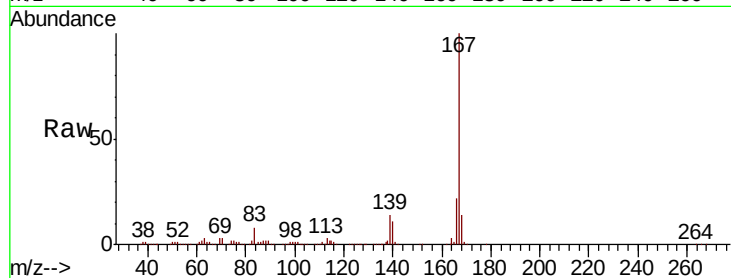
#73
 Carbazole
 Concen: 40.524 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.9	11.7	17.5

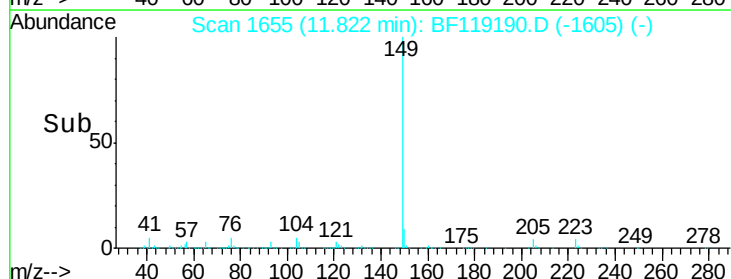
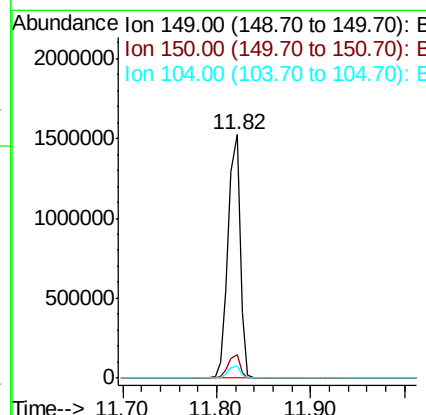
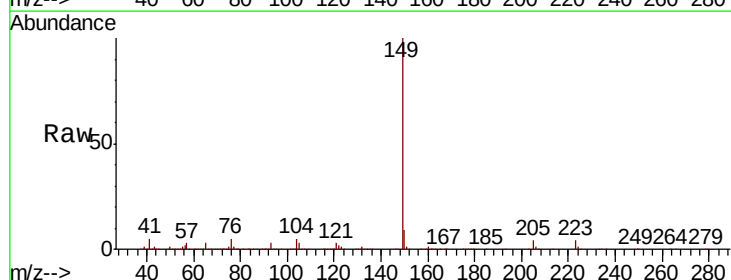
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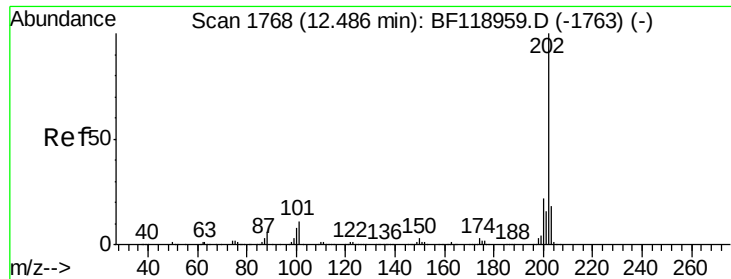
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.878 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

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





#75

Fluoranthene

Concen: 39.562 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

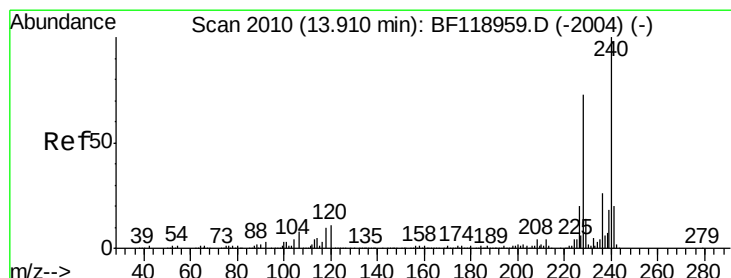
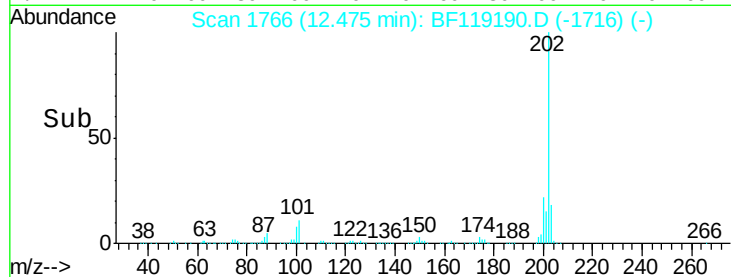
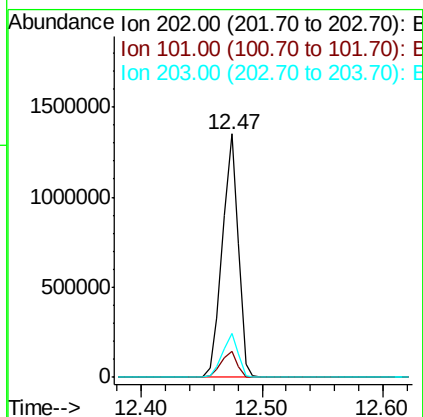
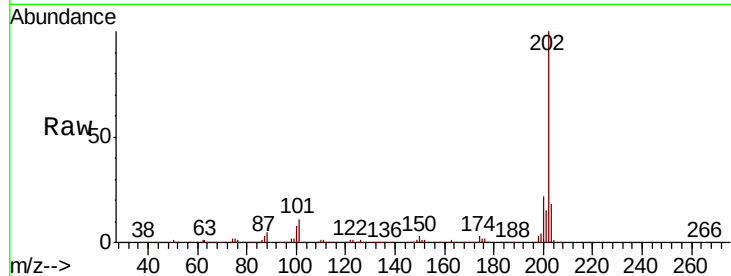
ClientSampleId :

TP-1MSD

Tot Ion:	202	Resp:	1227937
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	18.1	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

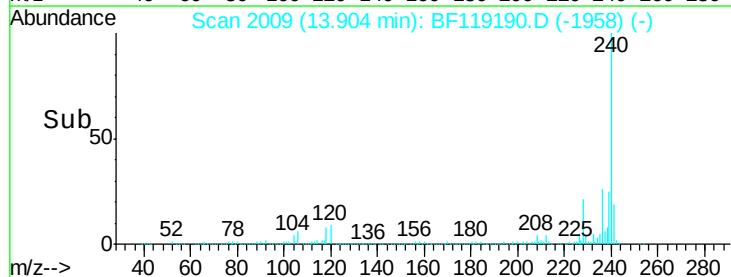
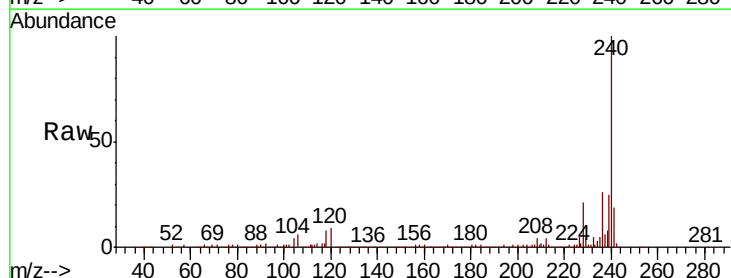
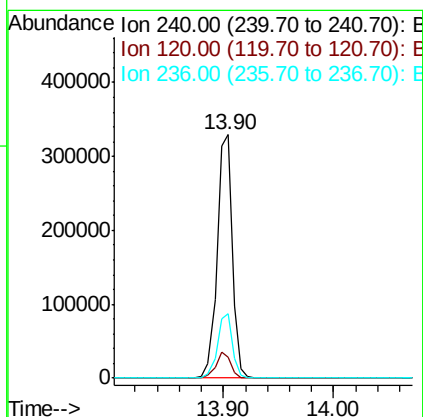
RT: 13.90 min Scan# 2009

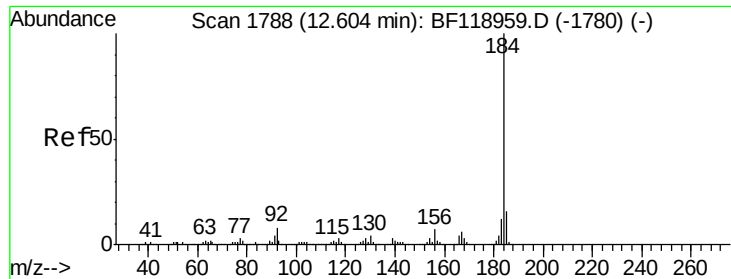
Delta R.T. 0.00 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:	240	Resp:	314566
Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.4	12.6
236	26.3	21.0	31.4





#77

Benzidine

Concen: 40.653 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:184 Resp: 520083

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

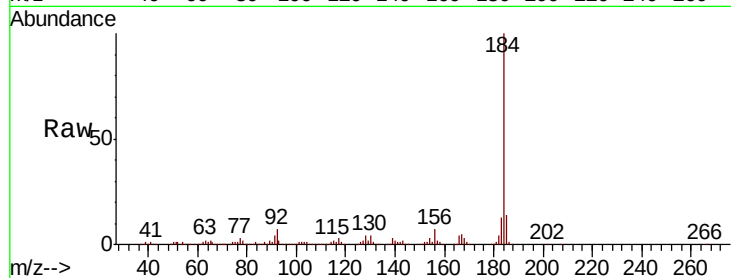
183 12.5 9.9 14.9

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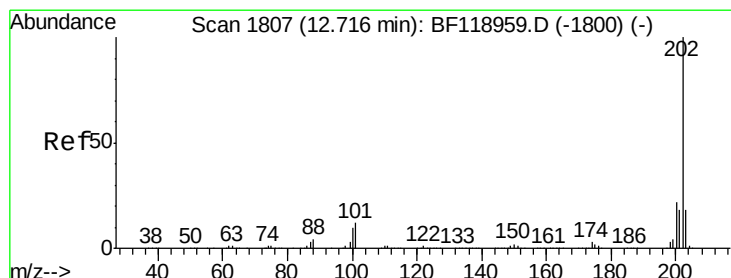
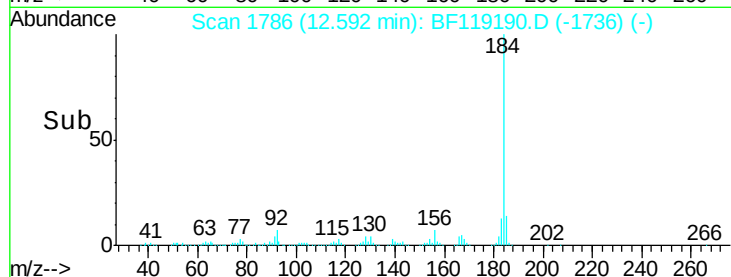
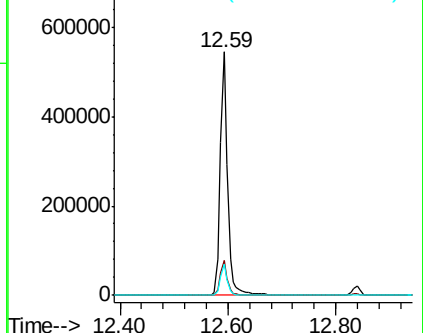
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.808 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

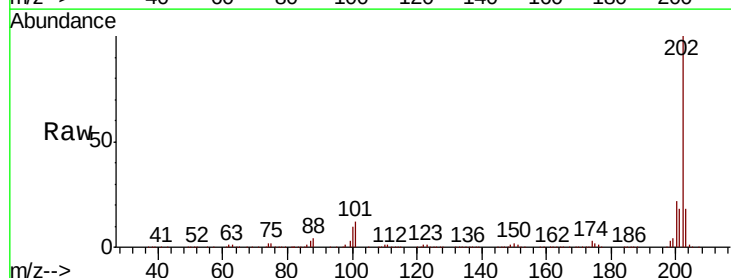
Tgt Ion:202 Resp: 1207585

Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

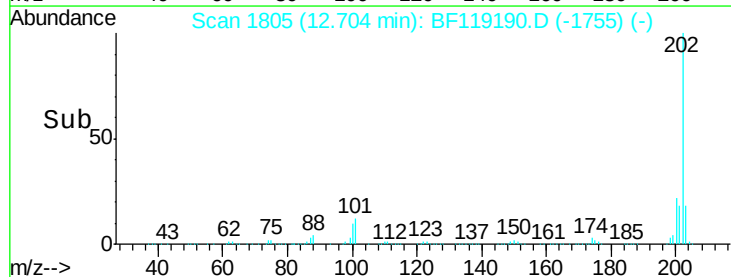
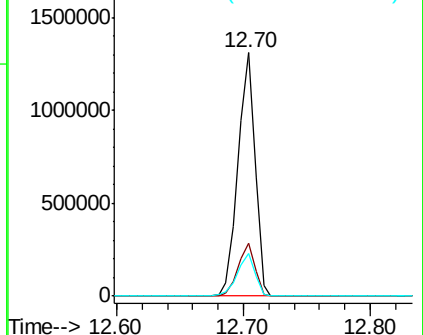
203 17.5 14.6 22.0

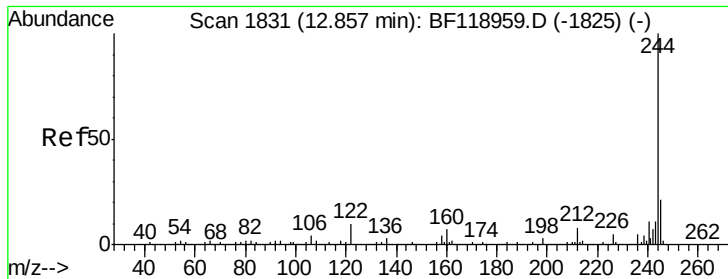


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





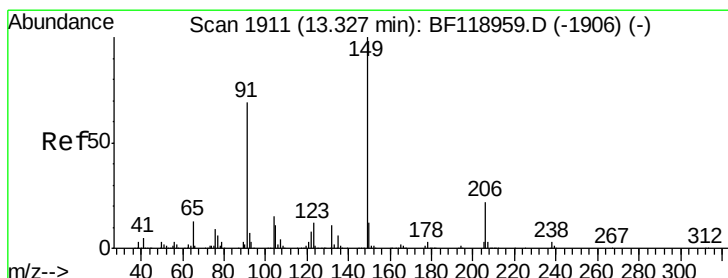
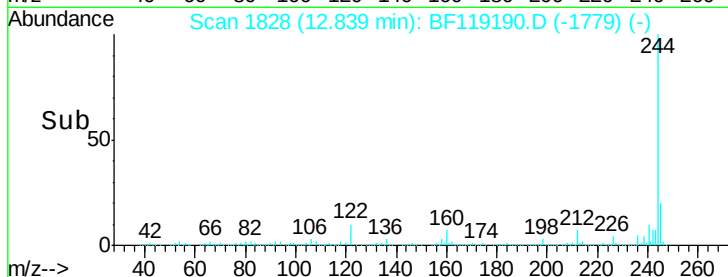
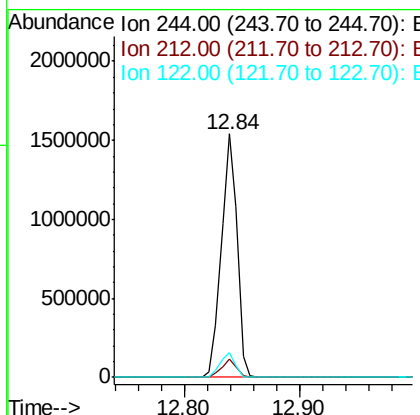
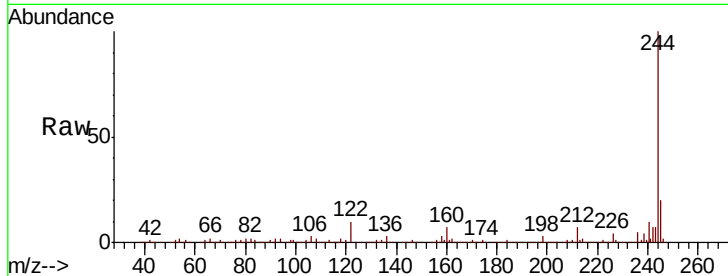
#79
 Terphenyl-d14
 Concen: 79.649 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.1	8.2	12.2

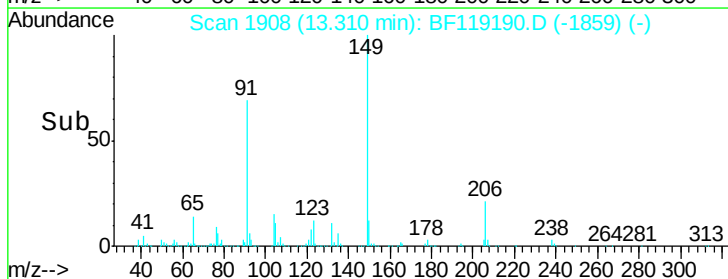
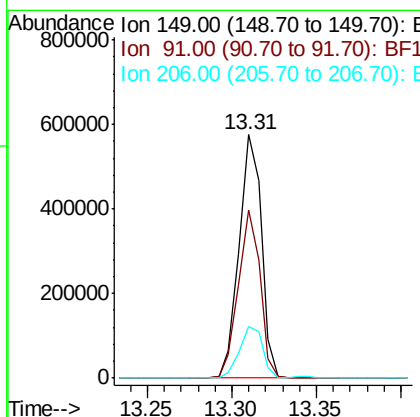
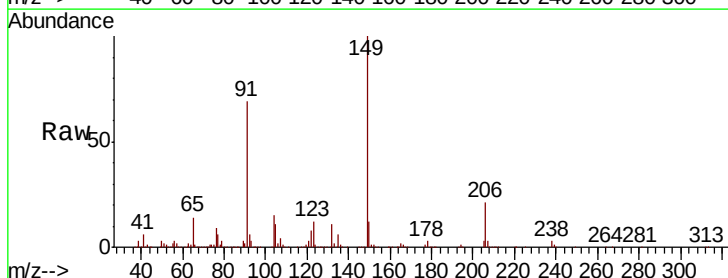
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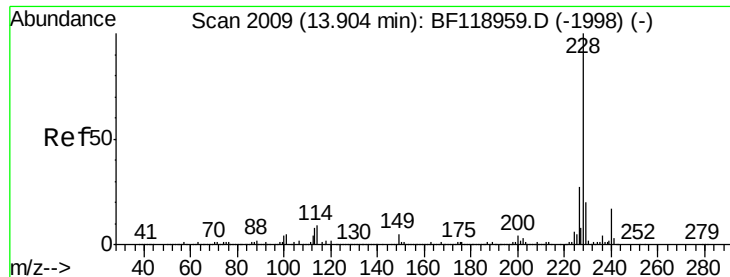
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.078 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	52.3	78.5
206	21.3	18.5	27.7





#81

Benzo(a)anthracene

Concen: 42.847 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

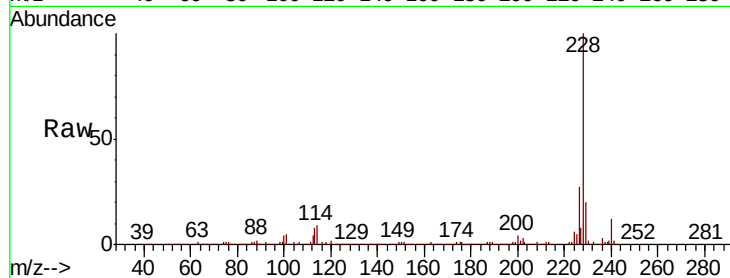
ClientSampleId :

TP-1MSD

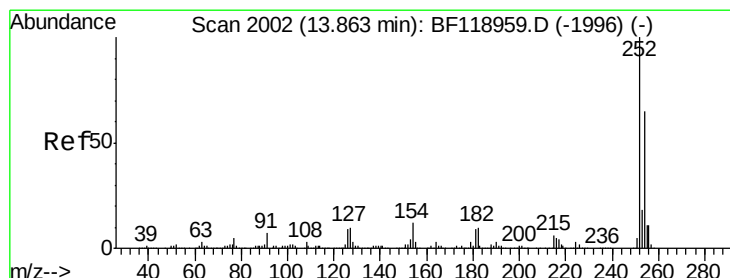
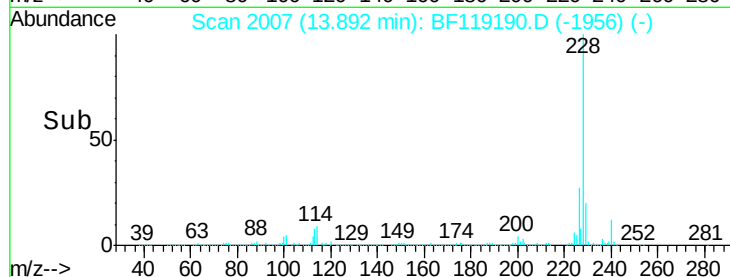
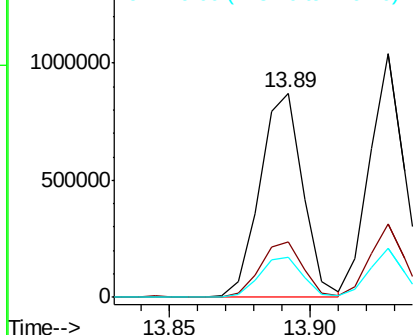
Tot Ion:	228	Resp:	918350
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.5	16.6	24.8

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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: 28.966 ng

RT: 13.85 min Scan# 1999

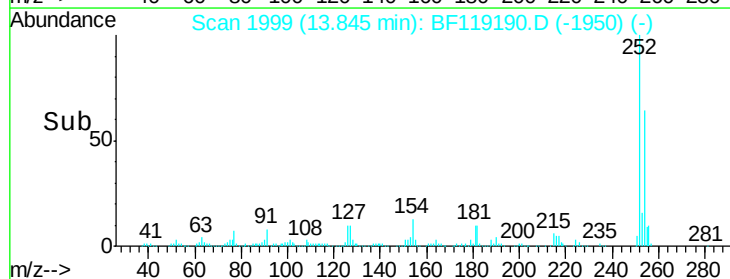
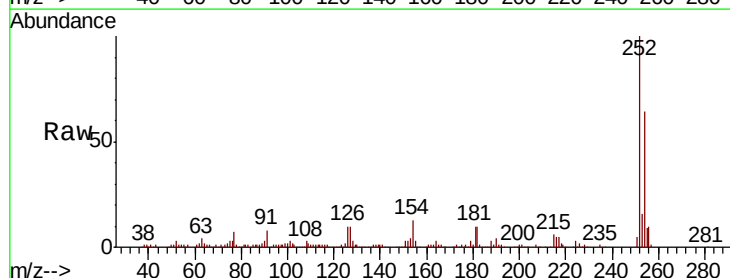
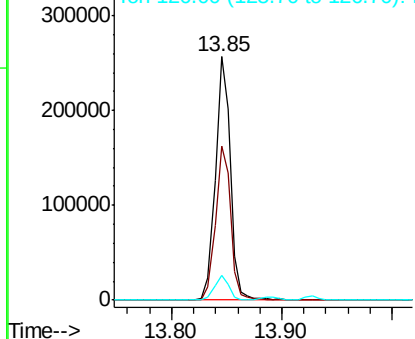
Delta R.T. -0.01 min

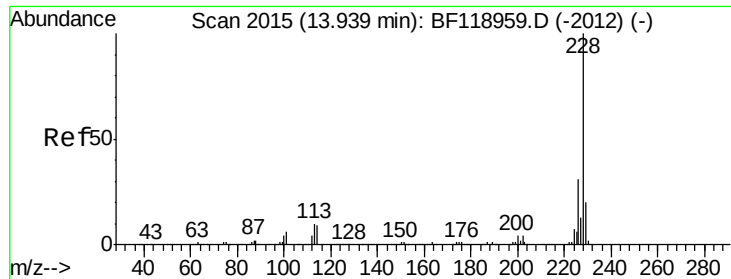
Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:	252	Resp:	241076
Ion Ratio	Lower	Upper	
252	100		
254	63.5	51.6	77.4
126	10.4	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





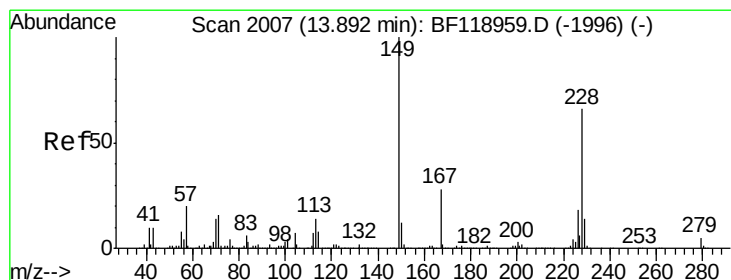
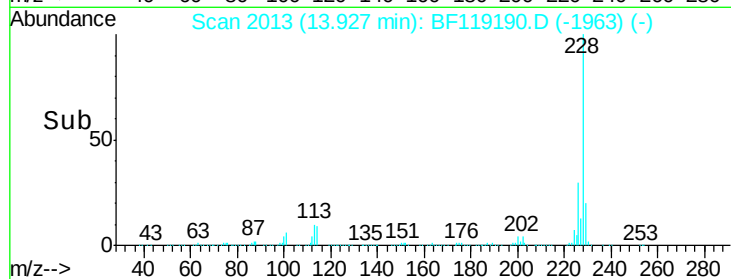
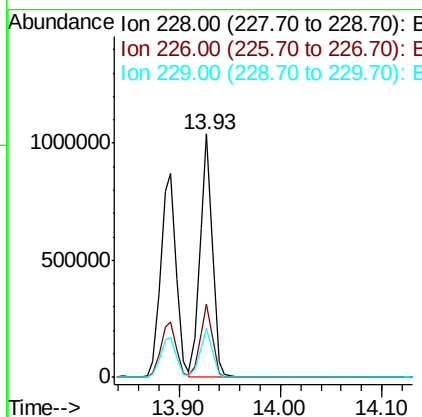
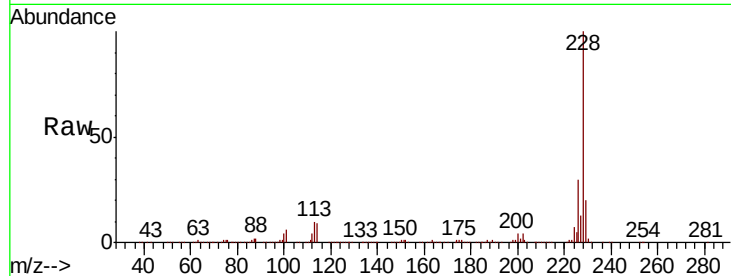
#83
 Chrysene
 Concen: 40.971 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		874993		
226	30.3	25.1		37.7	
229	20.1	16.3		24.5	

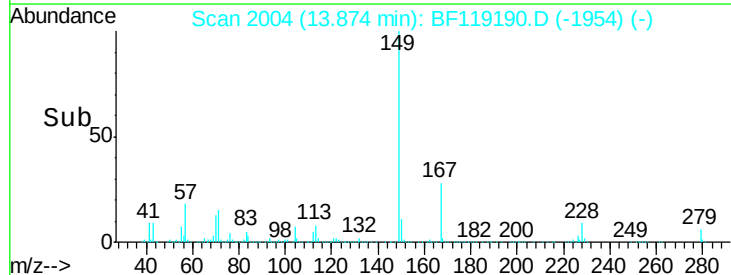
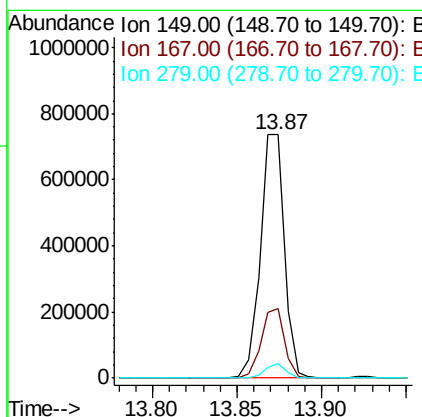
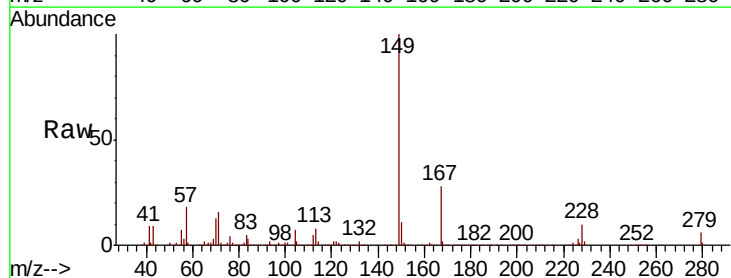
Manual Integrations
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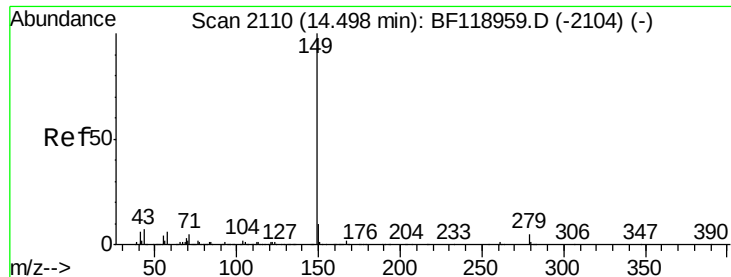
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.189 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF119190.D
 Acq: 4 Mar 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		727789		
167	28.4	22.8		34.2	
279	5.8	4.6		6.8	





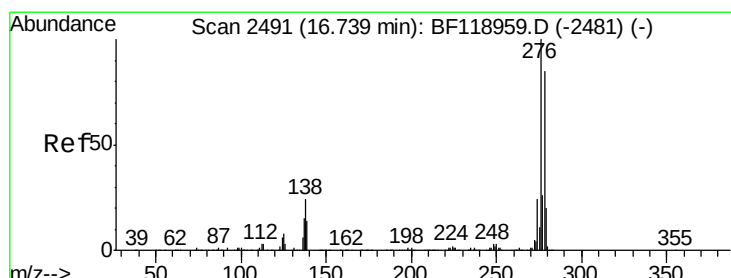
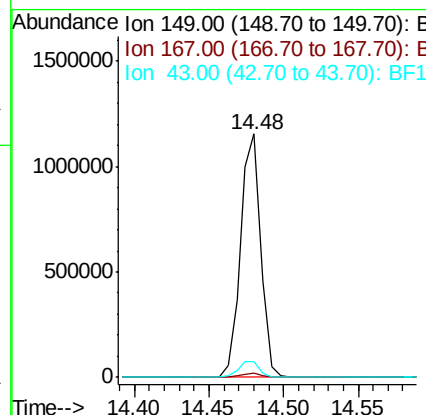
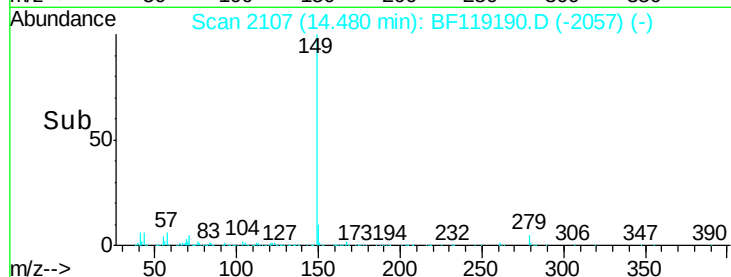
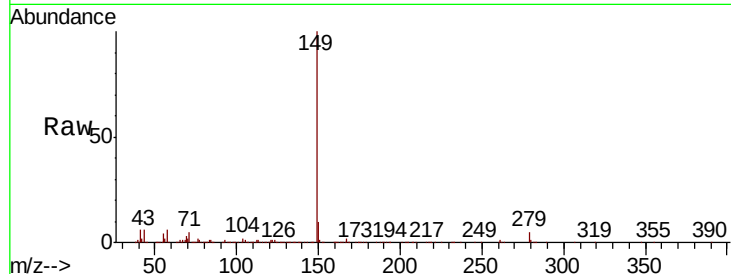
#85
Di-n-octyl phthalate
Concen: 51.020 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.7	5.7	8.5

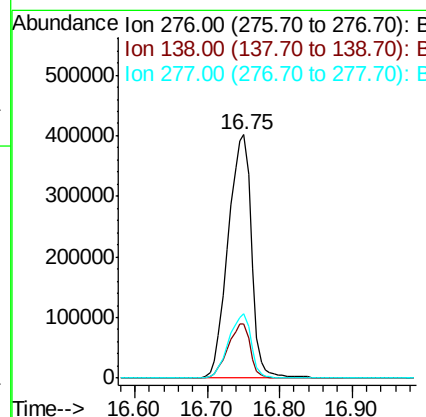
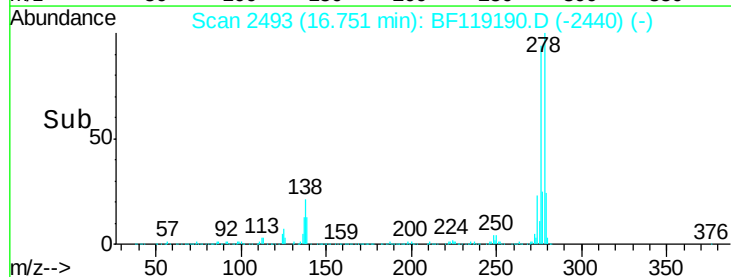
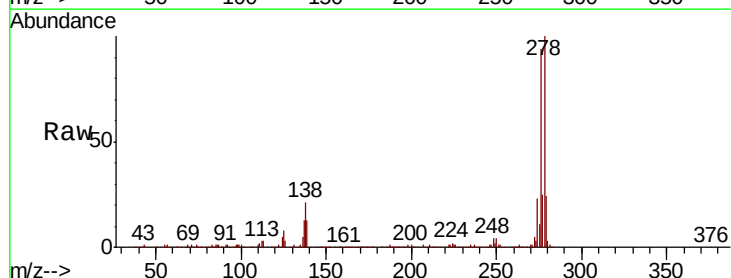
Manual Integrations
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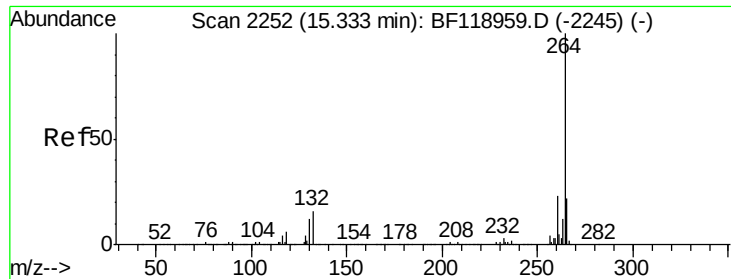
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.745 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.4	26.0
277	25.4	20.3	30.5





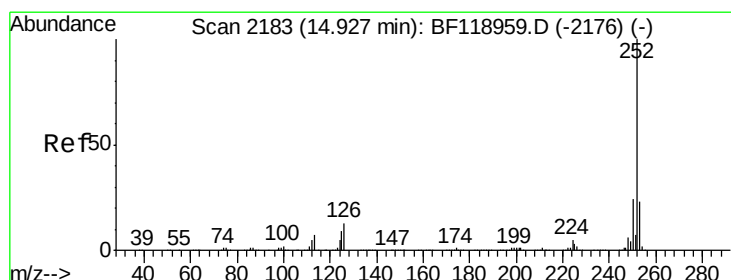
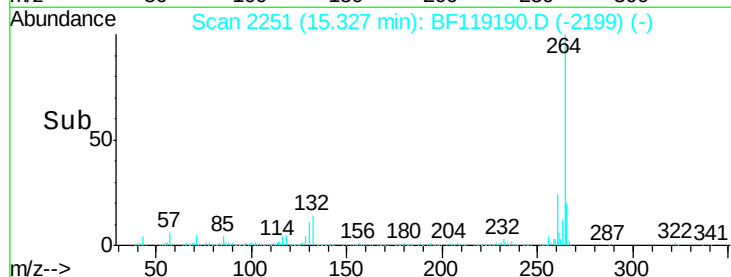
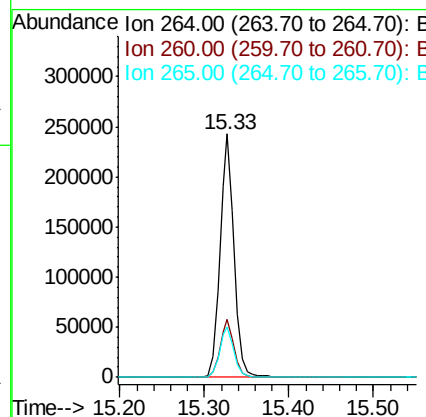
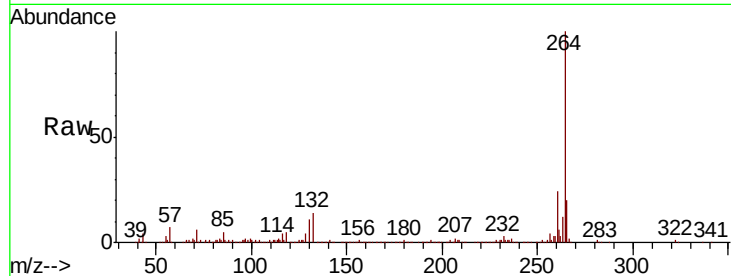
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.5	17.7	26.5

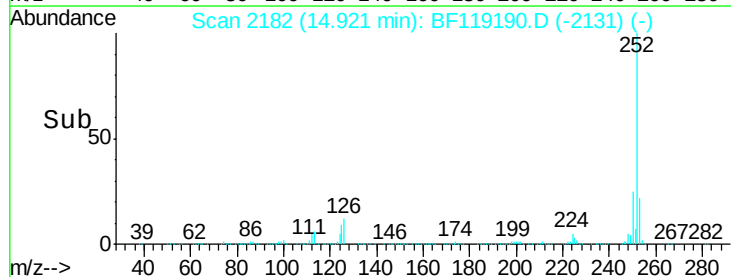
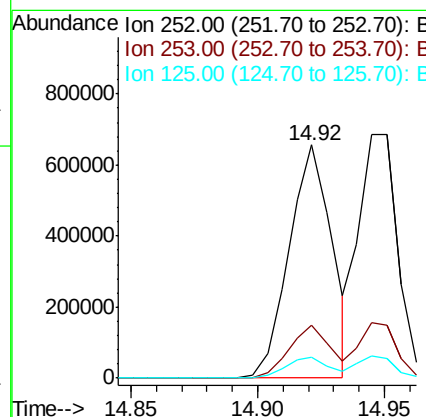
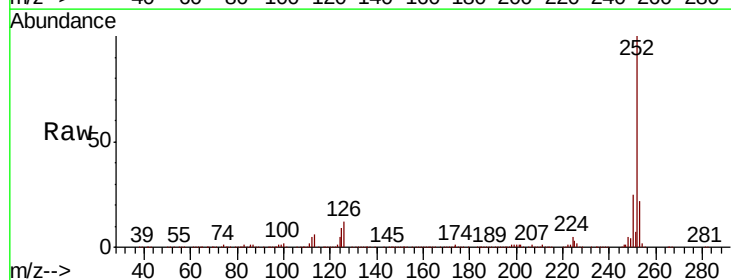
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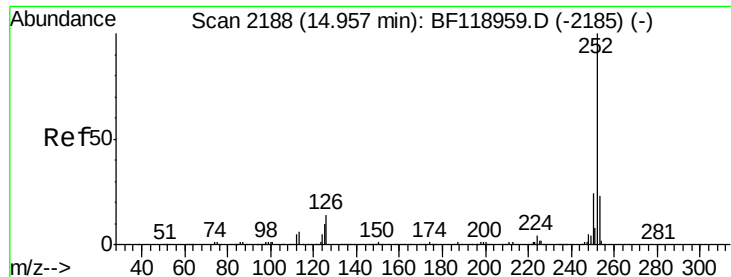
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.726 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.3	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 42.141 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Instrument :

BNA_F

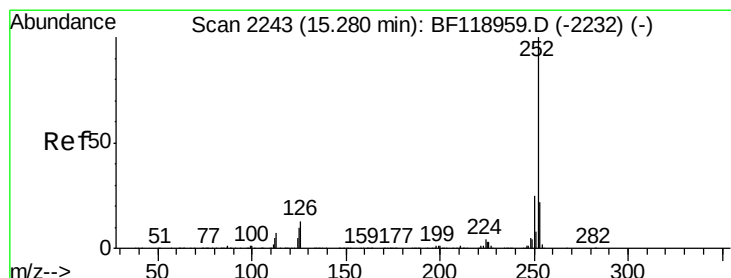
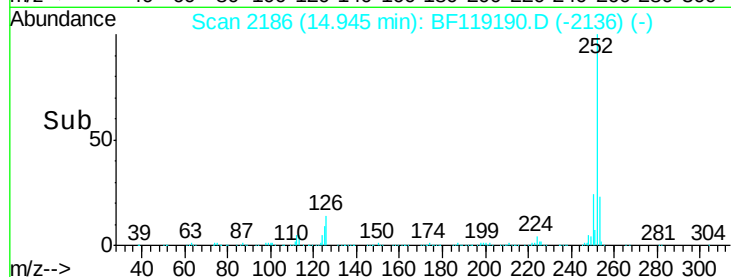
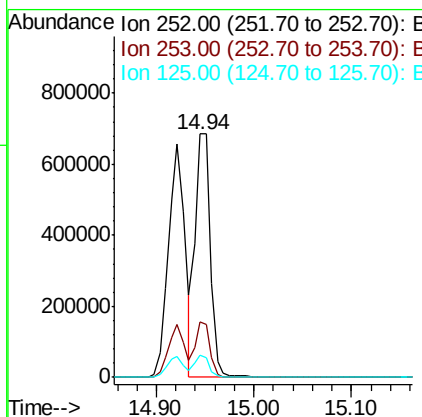
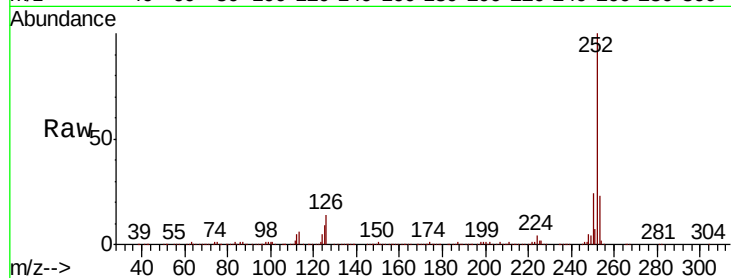
ClientSampleId :

TP-1MSD

Tot Ion:	252	Resp:	738929
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	9.3	7.5	11.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 40.359 ng

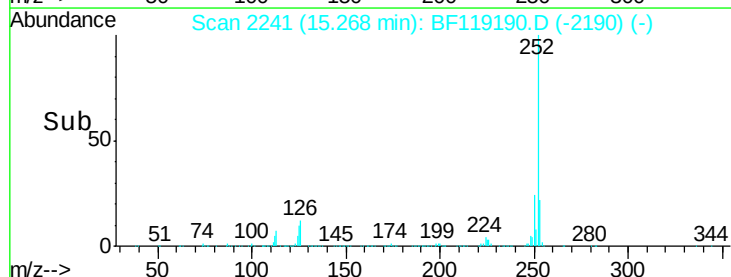
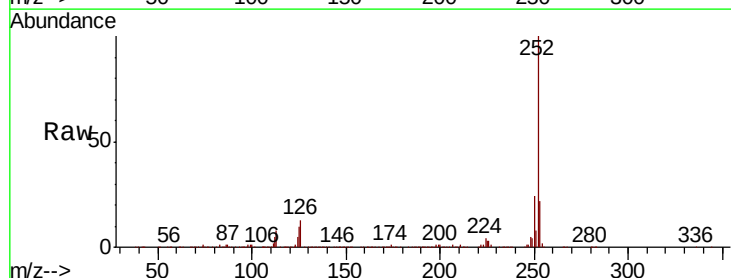
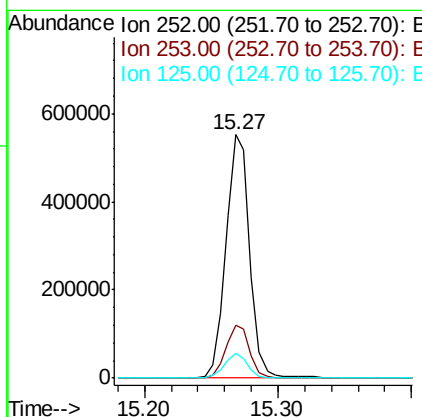
RT: 15.27 min Scan# 2241

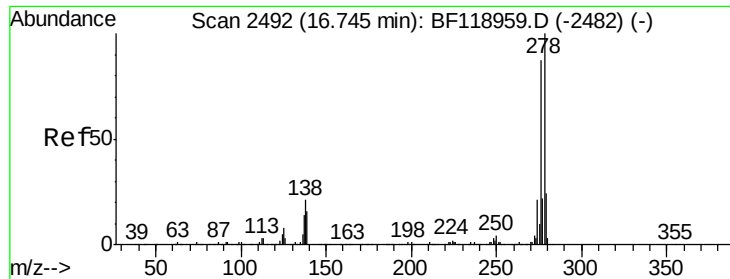
Delta R.T. 0.00 min

Lab File: BF119190.D

Acq: 4 Mar 2020 12:57

Tgt Ion:	252	Resp:	689208
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	10.3	8.6	12.8





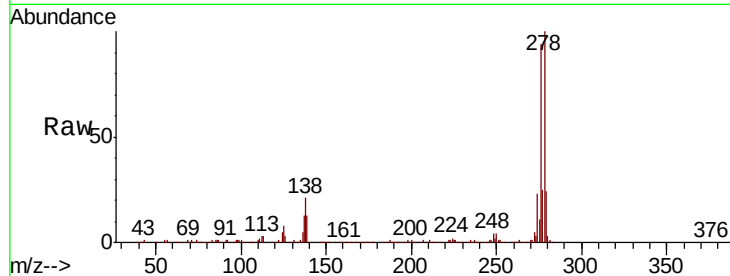
#91
Dibenzo(a,h)anthracene
Concen: 50.898 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.0	16.4
279	23.7	18.6	28.0

Manual Integrations
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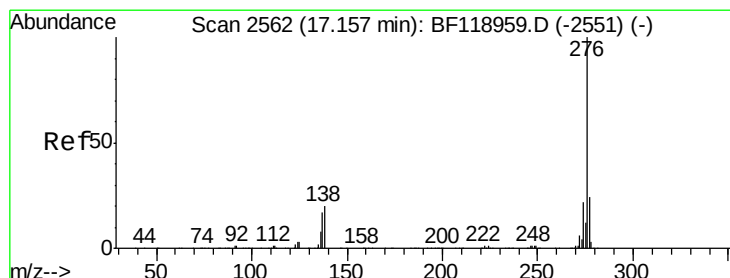
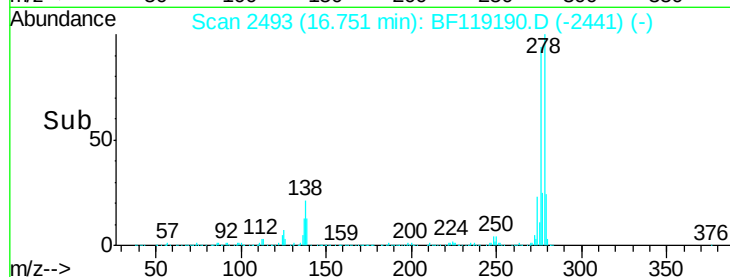
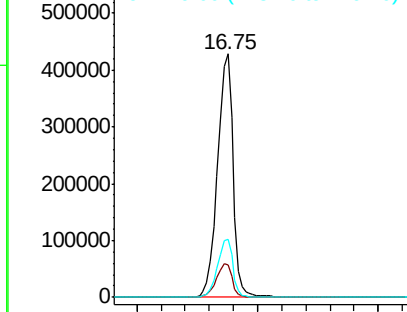


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.223 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF119190.D
Acq: 4 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.6	14.3	21.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

