

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115465.D
 Acq On : 10 Jul 2019 19:56
 Operator : HP/JU
 Sample : K3627-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Manual Integrations
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 7/11/2019 5:22:12 PM

Quant Time: Jul 11 03:57:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	127835	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	507126	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	253449	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	501671	20.00	ng	0.00
76) Chrysene-d12	14.06	240	359941	20.00	ng	-0.01
87) Perylene-d12	15.53	264	370124	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	900093	108.79	ng	0.00
7) Phenol-d6	6.52	99	1068861	101.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	813594	94.79	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	386142	137.79	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1458190	100.96	ng	0.00
79) Terphenyl-d14	13.00	244	1766543	100.49	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.81	88	134077	33.037	ng	# 86
3) Pyridine	3.53	79	235181	20.957	ng	99
4) n-Nitrosodimethylamine	3.46	42	141815	31.164	ng	99
6) Aniline	6.56	93	109007	7.341	ng	98
8) 2-Chlorophenol	6.68	128	368543	39.448	ng	99
9) Benzaldehyde	6.44	77	195781	30.784	ng	96
10) Phenol	6.53	94	379190	30.118	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	361134	38.665	ng	97
12) 1,3-Dichlorobenzene	6.84	146	406471	39.712	ng	99
13) 1,4-Dichlorobenzene	6.91	146	416043	40.579	ng	98
14) 1,2-Dichlorobenzene	7.07	146	385723	40.635	ng	98
15) Benzyl Alcohol	7.03	79	325982	38.605	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	472174	36.155	ng	99
17) 2-Methylphenol	7.15	107	302201	37.757	ng	98
18) Hexachloroethane	7.41	117	149171	39.056	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	264938	37.215	ng	95
20) 3+4-Methylphenols	7.29	107	368516	38.978	ng	96
22) Acetophenone	7.30	105	524241	43.141	ng	99
24) Nitrobenzene	7.47	77	413621	42.670	ng	98
25) Isophorone	7.71	82	740268	39.790	ng	97
26) 2-Nitrophenol	7.79	139	202504	50.814	ng	97
27) 2,4-Dimethylphenol	7.83	122	331295	43.596	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	456476	39.790	ng	99
29) 2,4-Dichlorophenol	8.03	162	329271	43.503	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	359951	42.718	ng	99
31) Naphthalene	8.20	128	1099220	43.639	ng	99
32) Benzoic acid	7.91	122	123939	25.612	ng	98
33) 4-Chloroaniline	8.24	127	45056	4.009	ng	99
34) Hexachlorobutadiene	8.32	225	198110	41.458	ng	100
35) Caprolactam	8.60	113	72181m	29.281	ng	
36) 4-Chloro-3-methylphenol	8.72	107	343428	42.897	ng	98
37) 2-Methylnaphthalene	8.89	142	738087	43.839	ng	99
38) 1-Methylnaphthalene	8.99	142	689898	42.946	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	326830	44.824	ng	99

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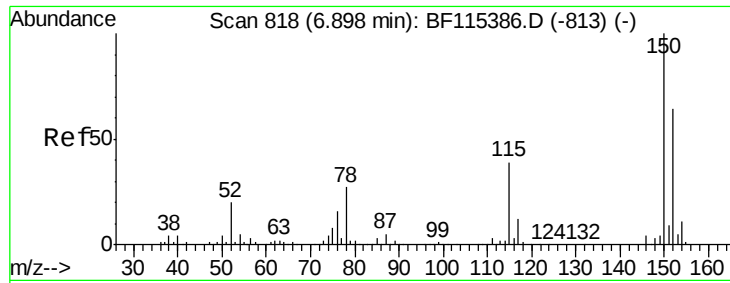
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	379496	89.800	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	235025	44.275	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	252786	45.925	ng	96
46) 1,1'-Biphenyl	9.36	154	901145	45.227	ng	98
47) 2-Chloronaphthalene	9.38	162	713030	43.299	ng	99
48) 2-Nitroaniline	9.47	65	217691	44.994	ng	97
49) Acenaphthylene	9.80	152	1117222	44.810	ng	98
50) Dimethylphthalate	9.65	163	828938	43.575	ng	100
51) 2,6-Dinitrotoluene	9.71	165	191858	46.503	ng	97
52) Acenaphthene	9.97	154	733462	46.743	ng	98
53) 3-Nitroaniline	9.87	138	68426	14.280	ng	99
54) 2,4-Dinitrophenol	9.98	184	138569	78.112	ng	95
55) Dibenzofuran	10.14	168	1001769	45.321	ng	100
56) 4-Nitrophenol	10.03	139	305521	82.410	ng	99
57) 2,4-Dinitrotoluene	10.12	165	261271	49.830	ng	# 88
58) Fluorene	10.48	166	740274	42.485	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	212387	44.666	ng	99
60) Diethylphthalate	10.35	149	804126	42.945	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	372089	43.752	ng	95
62) 4-Nitroaniline	10.49	138	200674	42.665	ng	99
63) Azobenzene	10.63	77	801453	41.523	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	111456	46.661	ng	95
66) n-Nitrosodiphenylamine	10.59	169	696303	44.051	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	240145	42.661	ng	97
68) Hexachlorobenzene	11.03	284	267462	42.343	ng	97
69) Atrazine	11.12	200	226251	46.251	ng	99
70) Pentachlorophenol	11.22	266	293041	76.124	ng	99
71) Phenanthrene	11.45	178	1173575	44.480	ng	99
72) Anthracene	11.50	178	1210474	45.752	ng	99
73) Carbazole	11.65	167	1091846	45.110	ng	100
74) Di-n-butylphthalate	11.98	149	1267015	43.313	ng	100
75) Fluoranthene	12.63	202	1261781	45.420	ng	97
77) Benzidine	12.75	184	128091	9.126	ng	# 86
78) Pyrene	12.86	202	1263427	45.137	ng	99
80) Butylbenzylphthalate	13.47	149	544997	44.563	ng	100
81) Benzo(a)anthracene	14.04	228	1020763	44.260	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	114848	13.724	ng	94
83) Chrysene	14.09	228	1044155	44.064	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	674380	44.527	ng	100
85) Di-n-octyl phthalate	14.65	149	1161342	43.073	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1183822	63.408	ng	100
88) Benzo(b)fluoranthene	15.10	252	1000311	41.509	ng	99
89) Benzo(k)fluoranthene	15.13	252	941863	43.947	ng	99
90) Benzo(a)pyrene	15.47	252	937529	45.106	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	977750	55.049	ng	99
92) Benzo(g,h,i)perylene	17.47	276	1015940	60.432	ng	99

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



#1

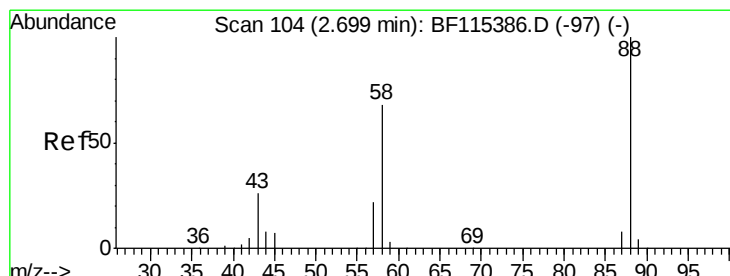
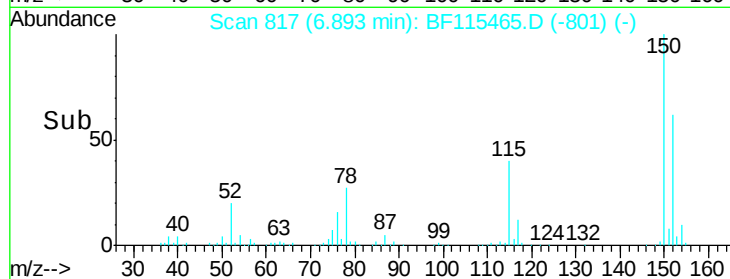
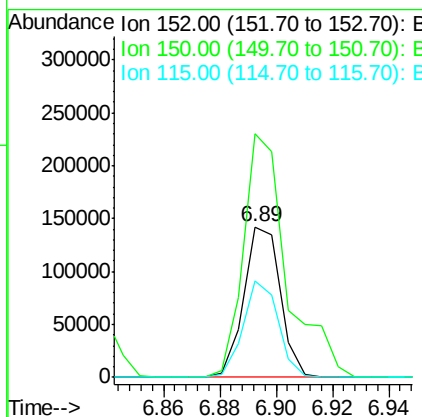
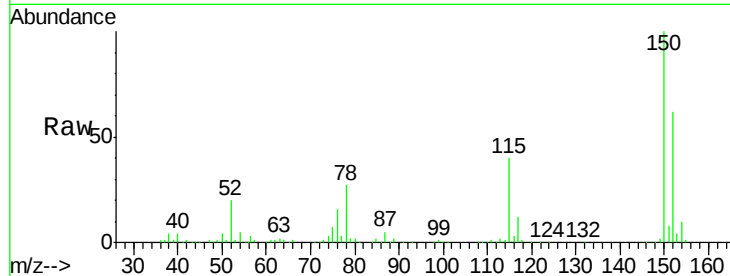
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.0	127.4	191.2
115	64.4	46.2	69.4

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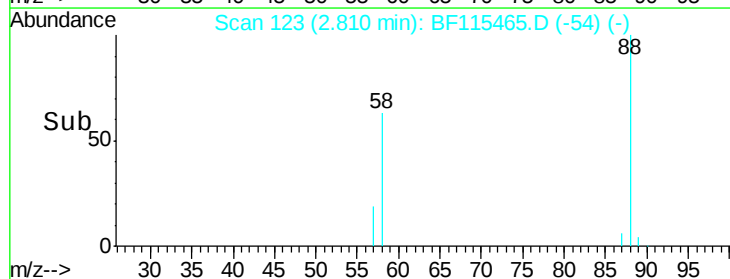
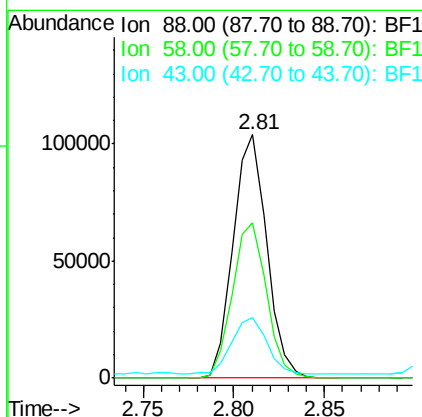
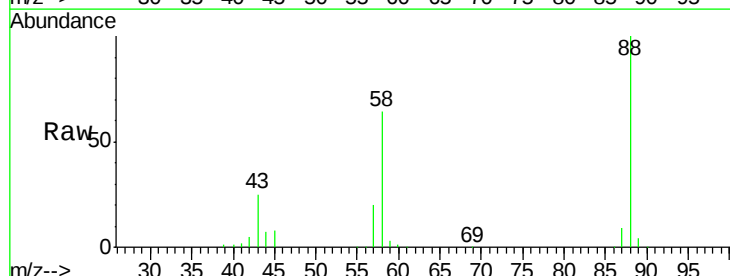
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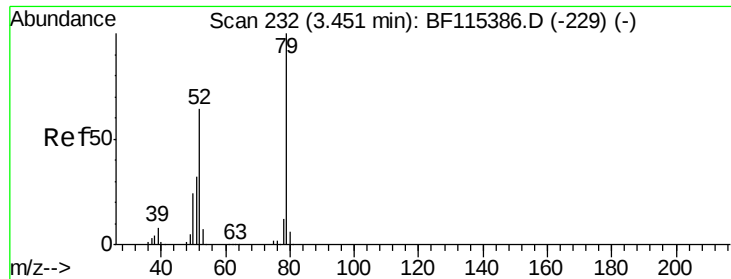


#2

1,4-Dioxane
Concen: 33.037 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.11 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	52.5	78.7
43	0.0	19.0	28.6





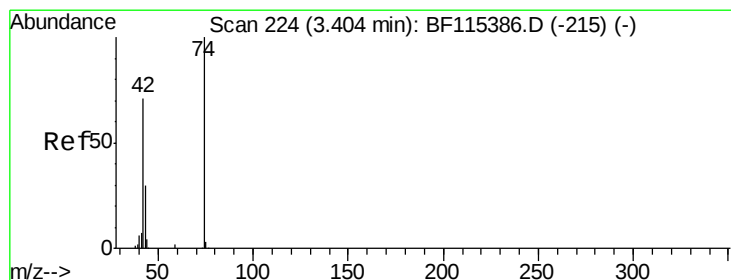
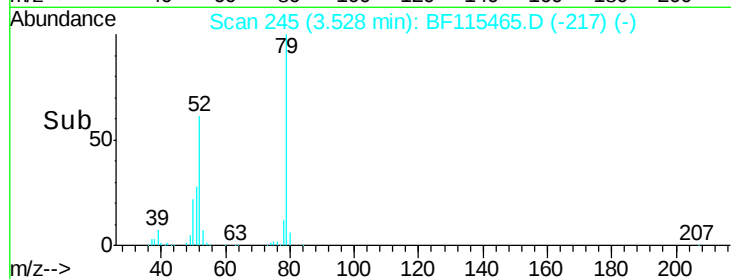
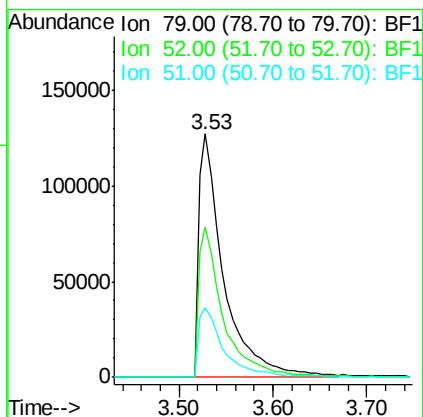
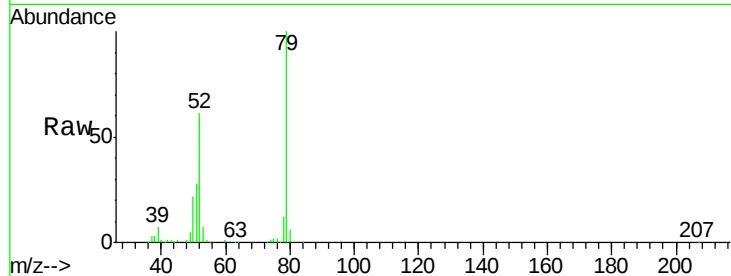
#3
 Pyridine
 Concen: 20.957 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.06 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.5	48.2	72.2
51	28.4	23.2	34.8

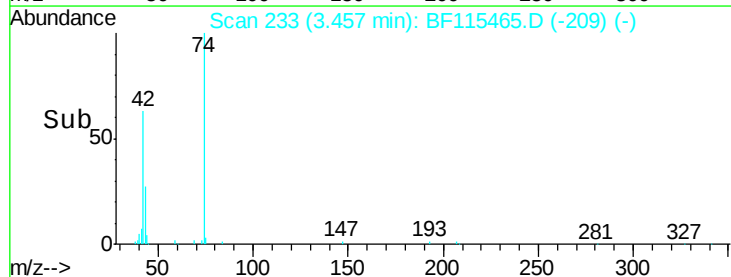
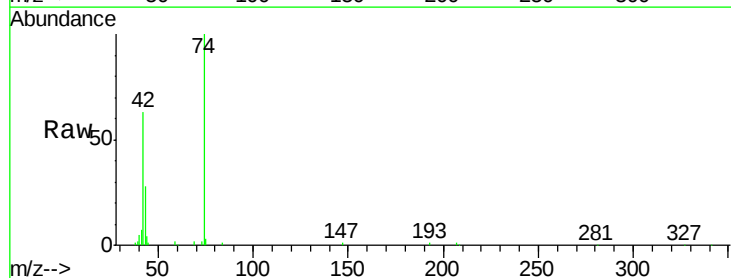
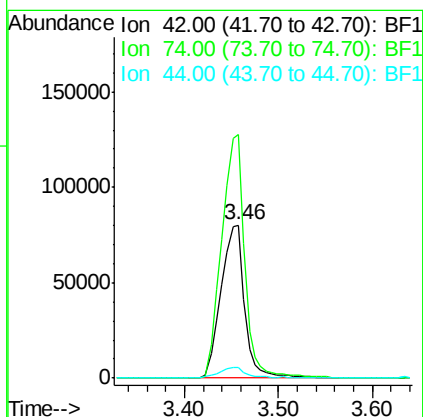
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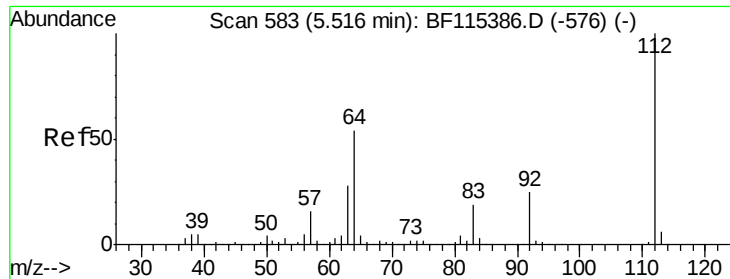
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#4
 n-Nitrosodimethylamine
 Concen: 31.164 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.04 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.3	128.5	192.7
44	7.0	5.3	7.9





#5

2-Fluorophenol

Concen: 108.786 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

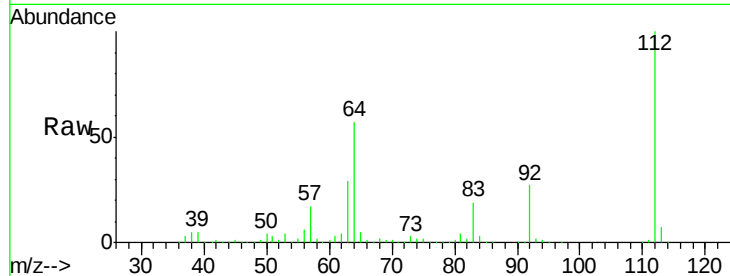
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TR-05-070819MS

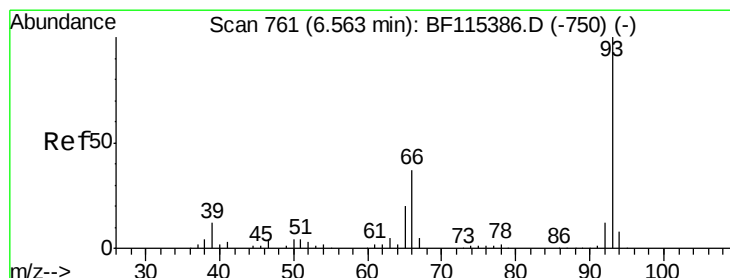
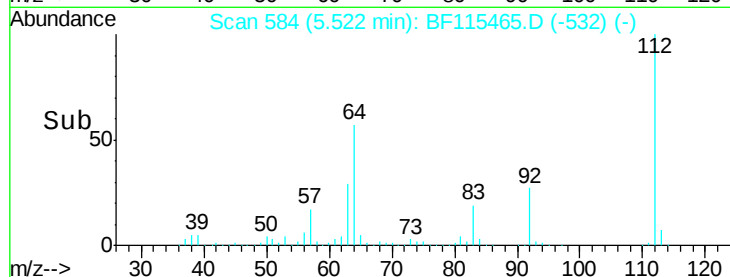
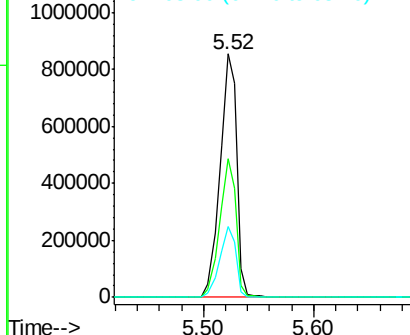
Tgt Ion:	112	Resp:	900093
Ion Ratio	Lower	Upper	
112	100		
64	57.2	44.2	66.2
63	29.2	22.1	33.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.341 ng

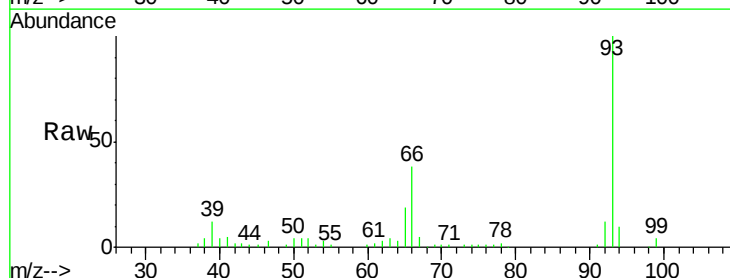
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

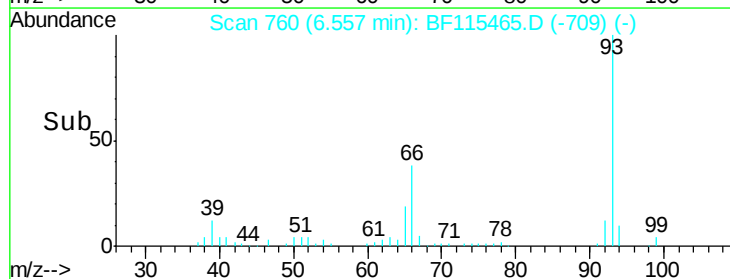
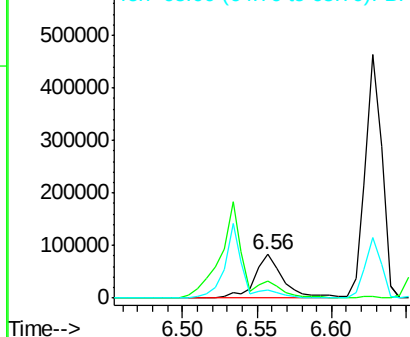
Lab File: BF115465.D

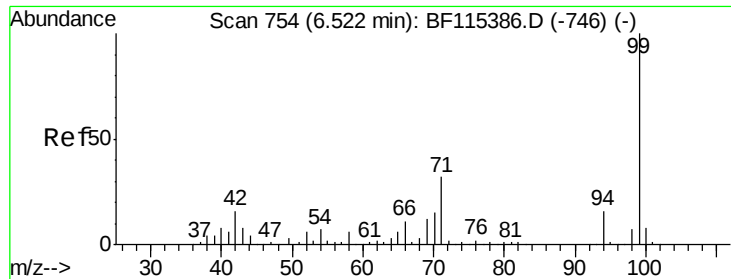
Acq: 10 Jul 2019 19:56

Tgt Ion:	93	Resp:	109007
Ion Ratio	Lower	Upper	
93	100		
66	38.0	31.3	46.9
65	18.9	15.9	23.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.576 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

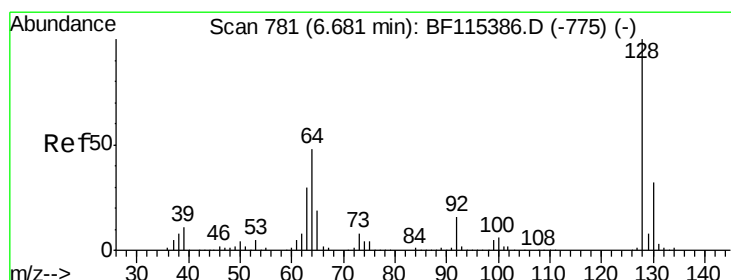
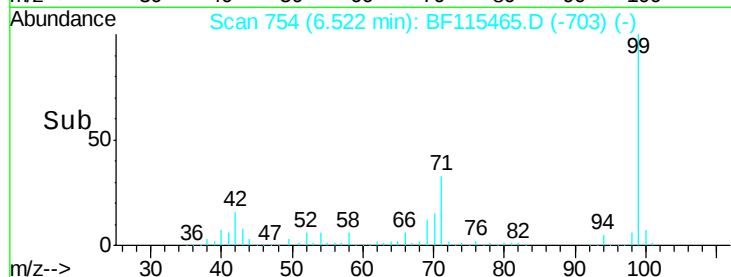
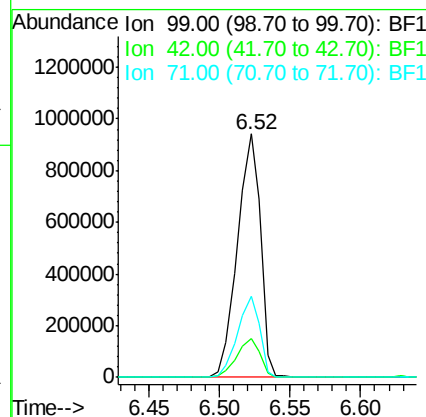
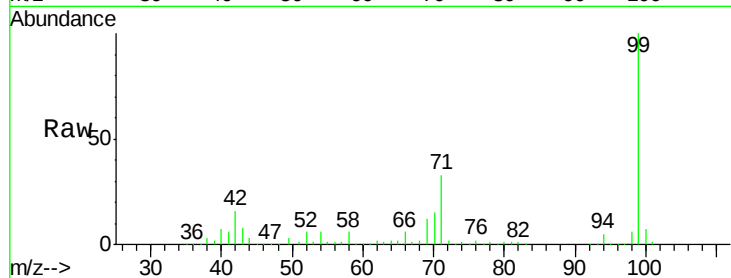
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Tgt Ion:	99	Resp:	1068861
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	33.1	26.5	39.7

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#8

2-Chlorophenol

Concen: 39.448 ng

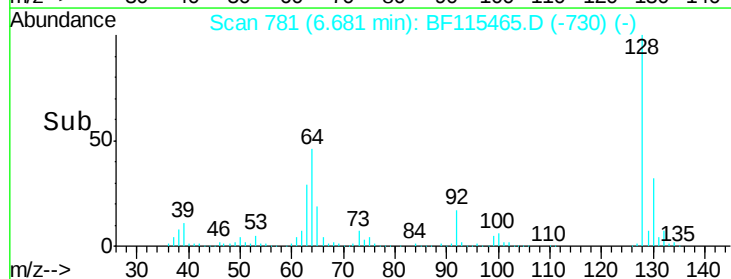
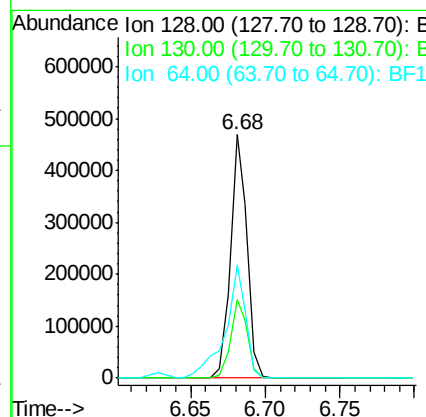
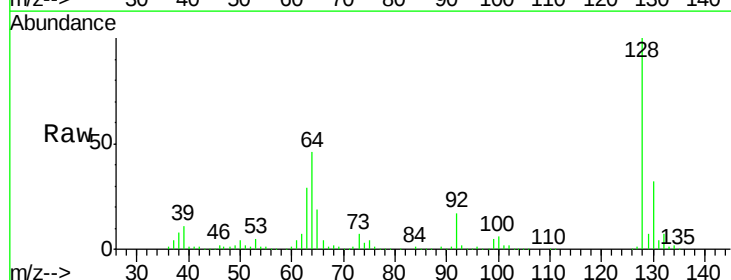
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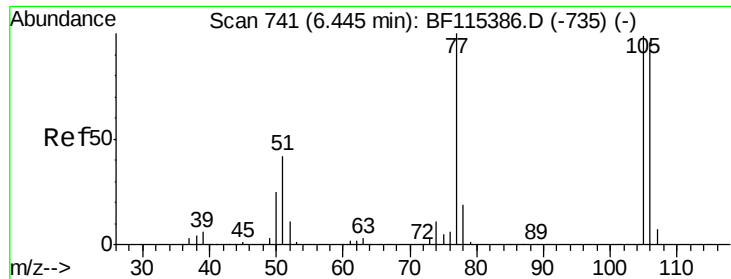
Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	128	Resp:	368543
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.8	51.8
64	46.4	27.0	67.0





#9

Benzaldehyde

Concen: 30.784 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

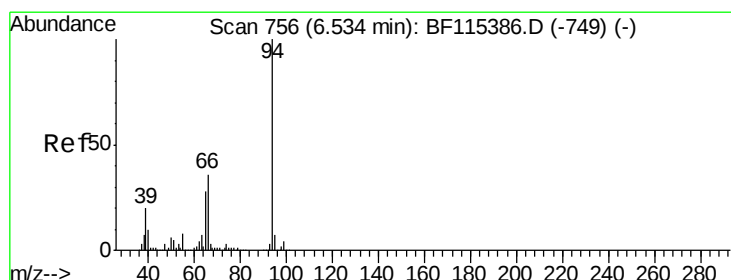
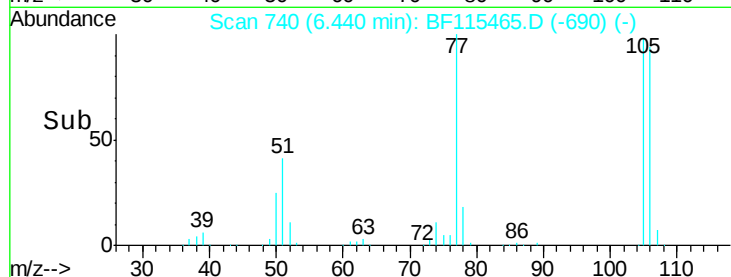
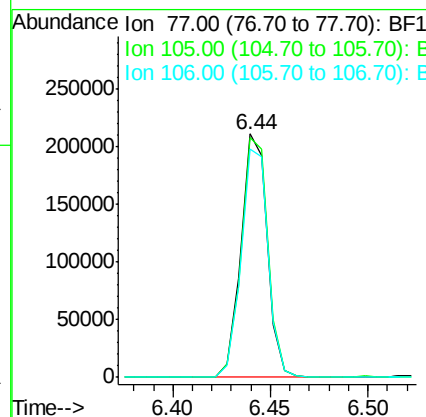
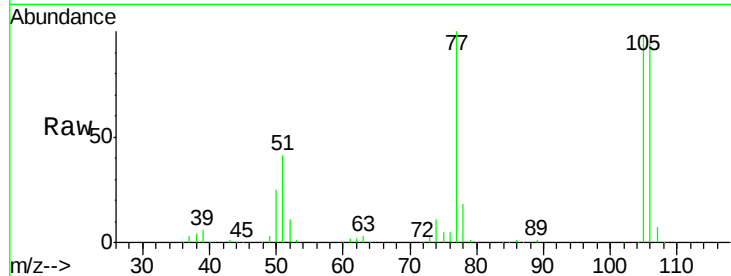
ClientSampleId :

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Tgt Ion:	77	Resp:	195781
Ion	Ratio	Lower	Upper
77	100		
105	98.3	82.9	122.9
106	93.9	77.8	117.8

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#10

Phenol

Concen: 30.118 ng

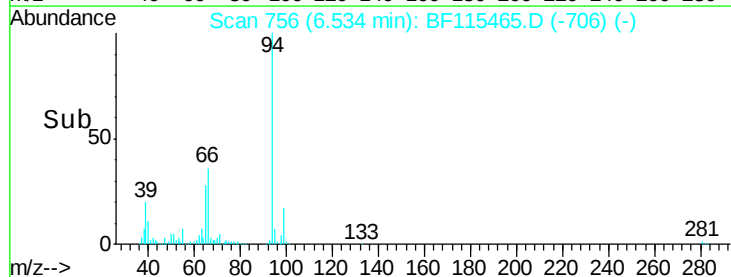
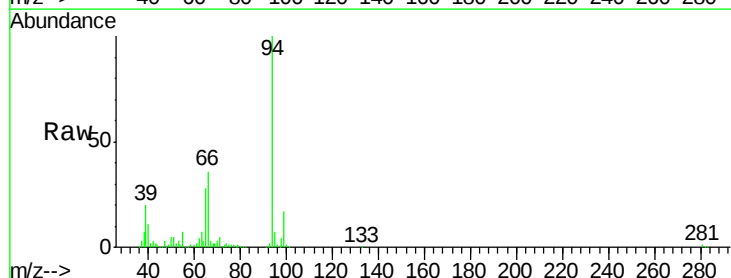
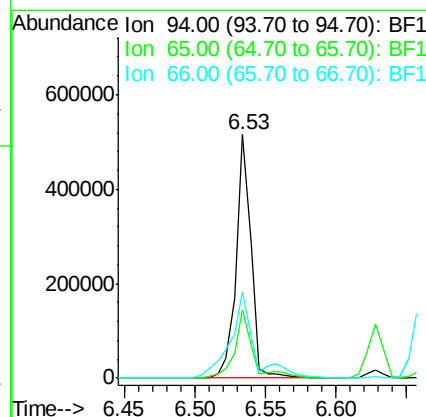
RT: 6.53 min Scan# 756

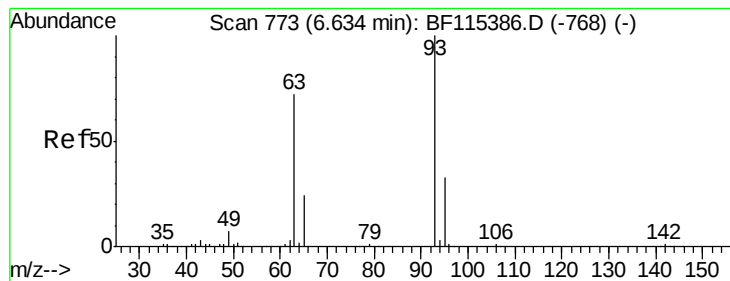
Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	94	Resp:	379190
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.2	47.2
66	35.5	16.9	56.9





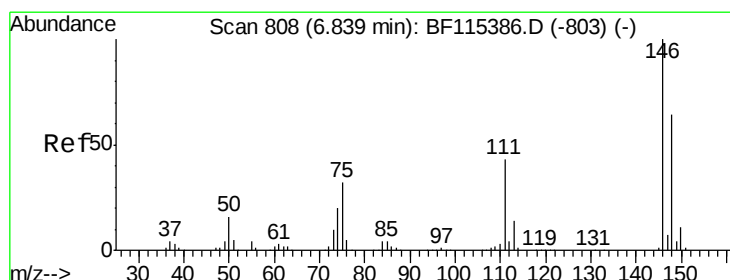
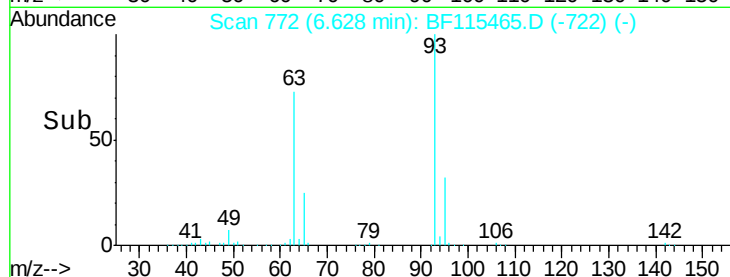
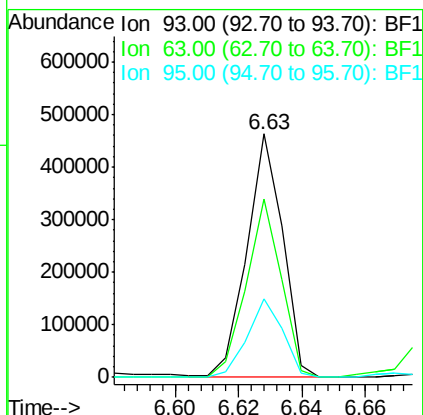
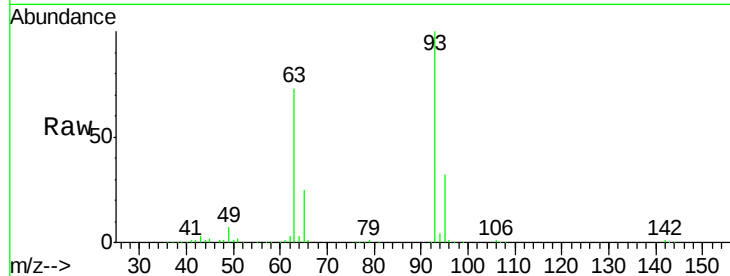
#11
bis(2-Chloroethyl)ether
Concen: 38.665 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	73.4	50.0	90.0
95	32.5	12.6	52.6

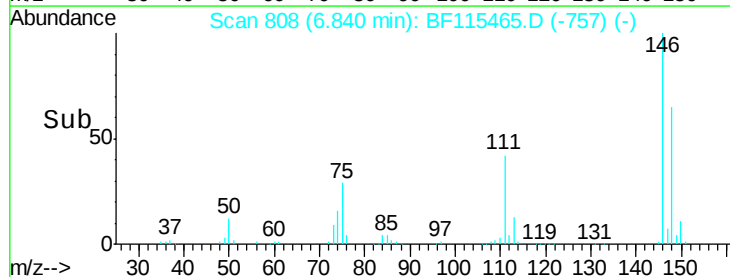
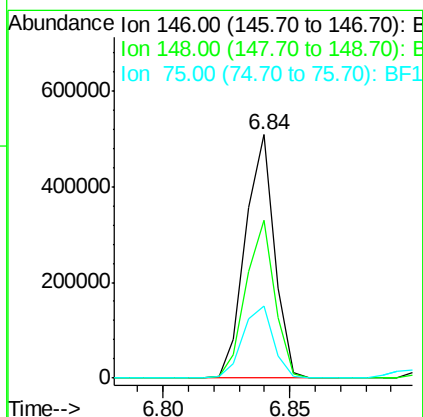
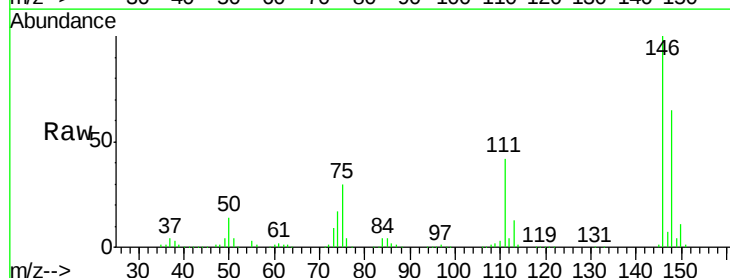
Manual Integrations
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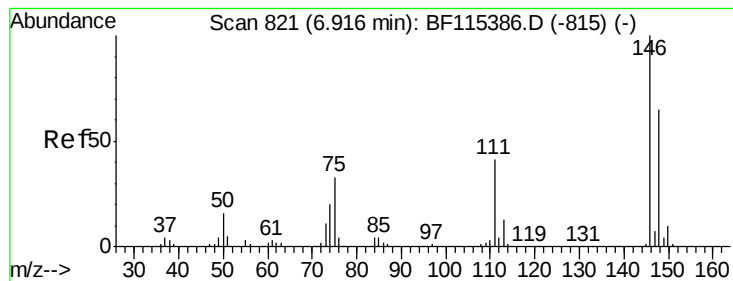
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.712 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.7	52.3	78.5
75	29.5	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 40.579 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

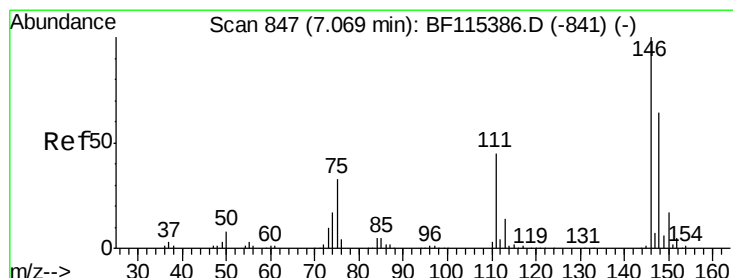
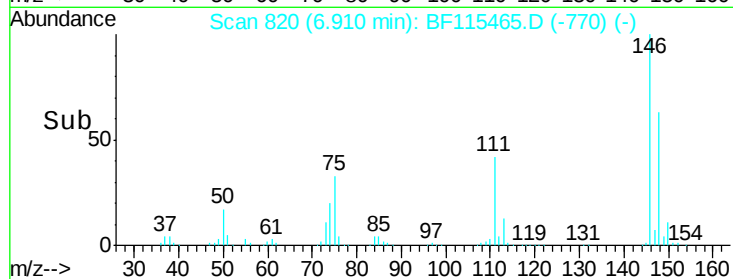
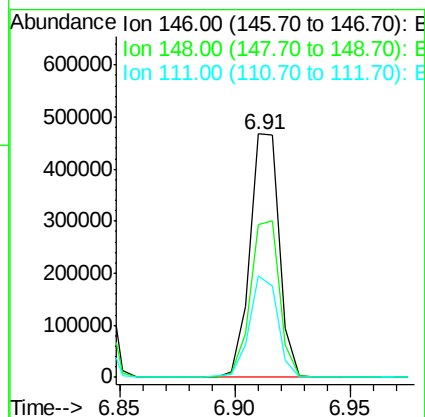
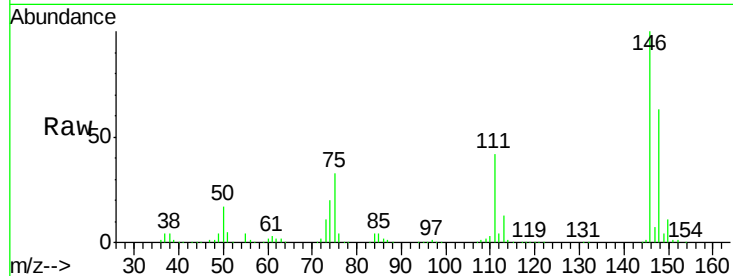
ClientSampleId :

TR-05-070819MS

Tgt Ion:	146	Resp:	416043
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.3	76.9
111	41.6	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 40.635 ng

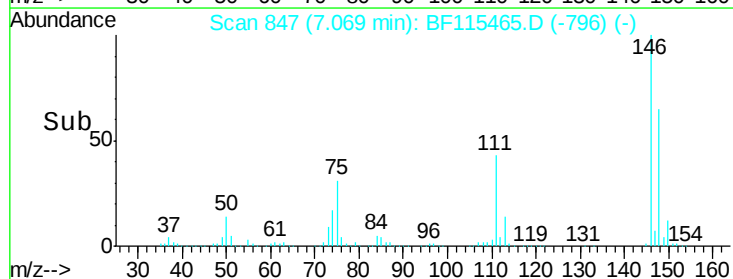
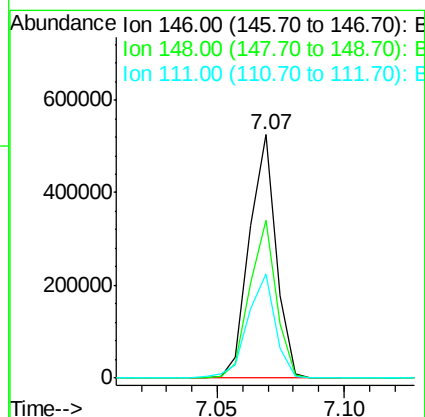
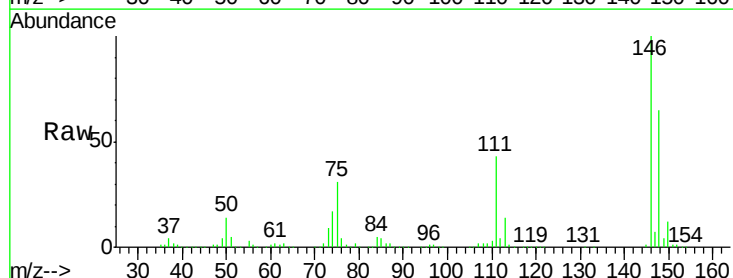
RT: 7.07 min Scan# 847

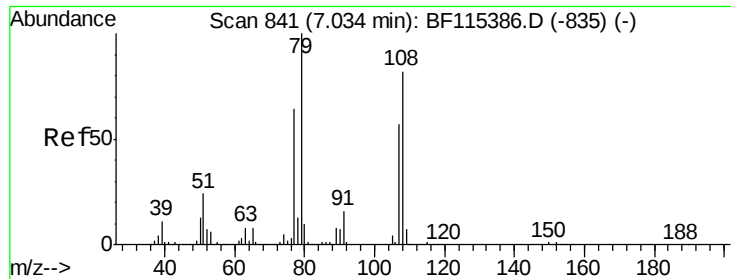
Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	146	Resp:	385723
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	75.8
111	42.7	35.4	53.2





#15

Benzyl Alcohol

Concen: 38.605 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

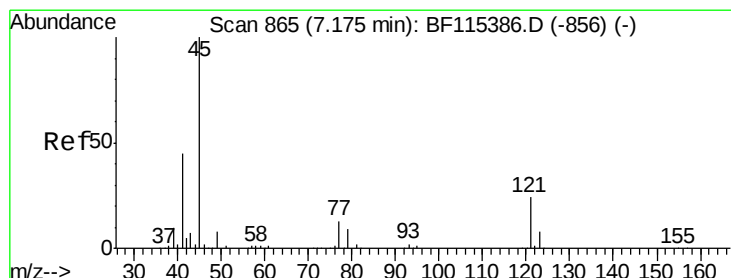
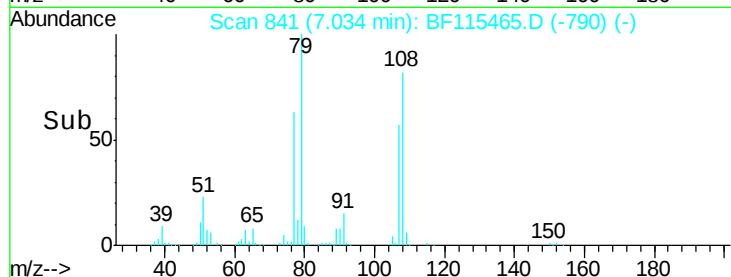
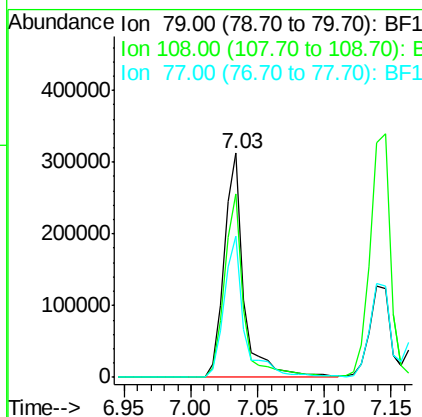
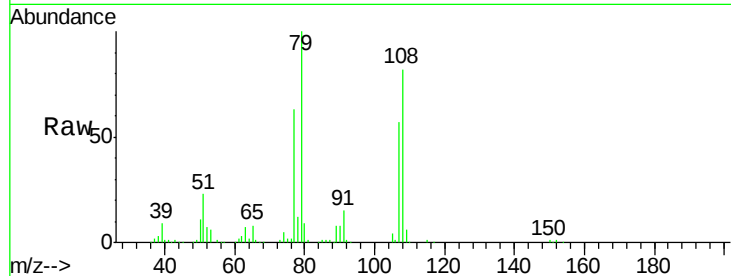
ClientSampleId :

TR-05-070819MS

Tgt Ion:	79	Resp:	325982
Ion Ratio	Lower	Upper	
79	100		
108	82.0	65.3	97.9
77	63.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.155 ng

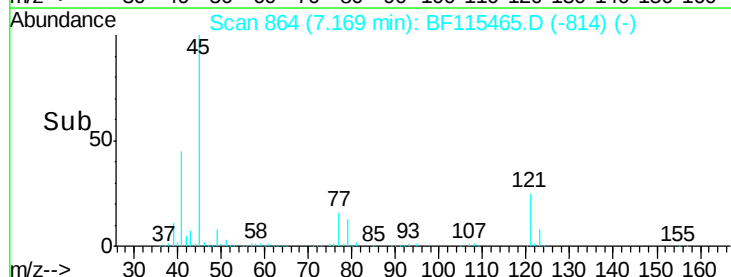
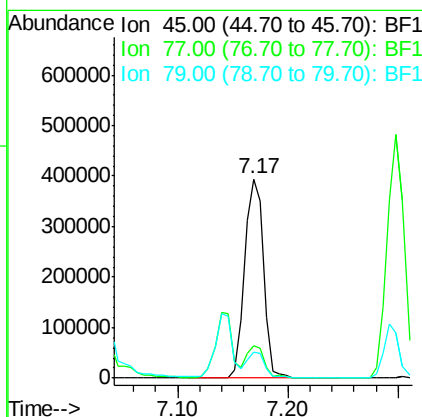
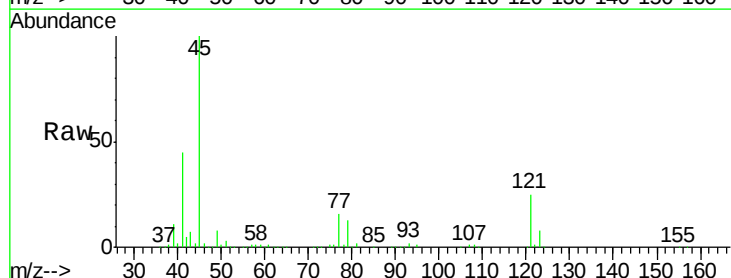
RT: 7.17 min Scan# 864

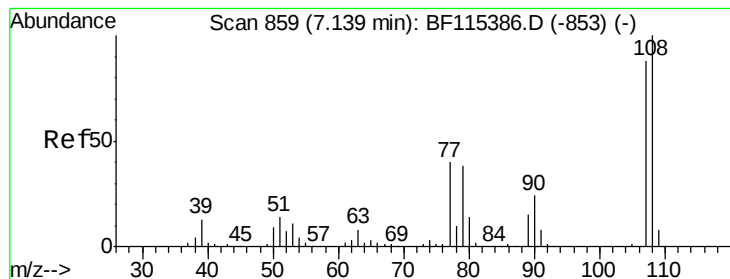
Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	45	Resp:	472174
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	36.4
79	12.9	0.0	33.4





#17

2-Methylphenol

Concen: 37.757 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

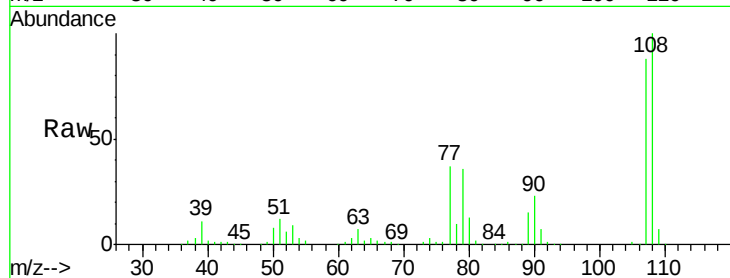
ClientSampleId :

TR-05-070819MS

Tgt Ion:	107.00	Resp:	302201
Ion Ratio	Lower	Upper	
107	100		
108	114.0	90.0	135.0
77	42.7	35.0	52.4
79	41.3	34.4	51.6

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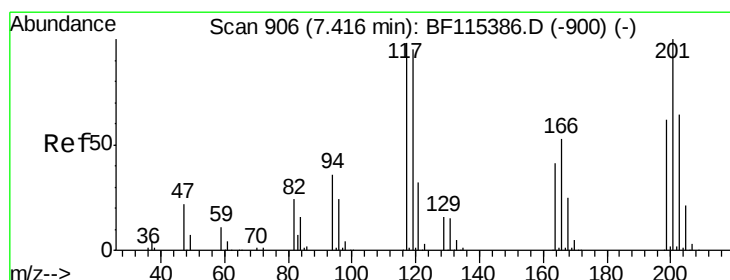
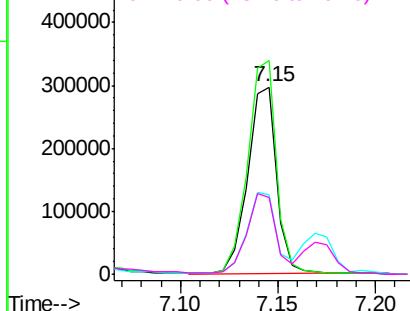
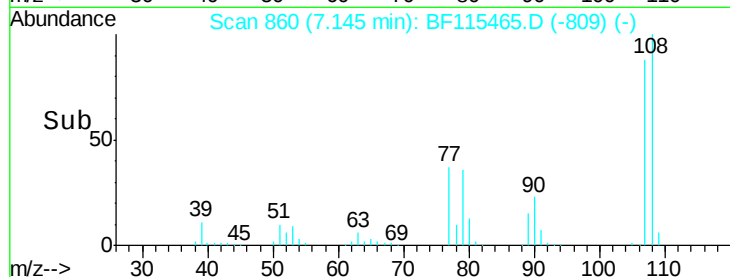
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.056 ng

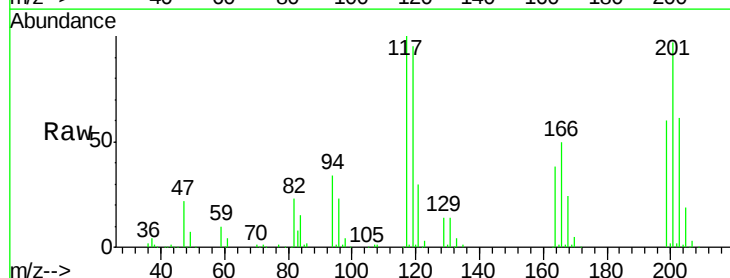
RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	117.00	Resp:	149171
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.8	115.2
201	96.7	85.8	128.6

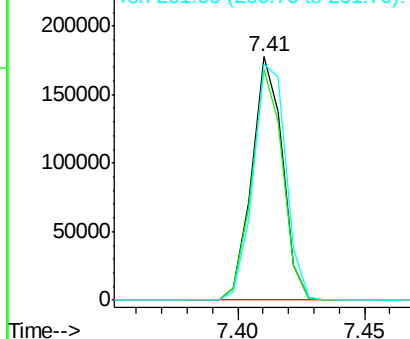
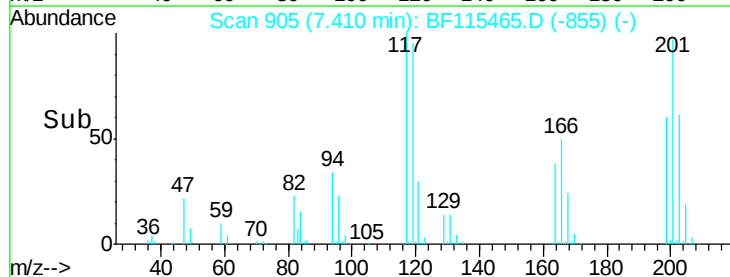


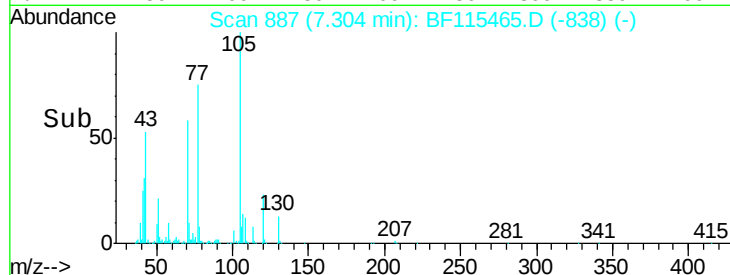
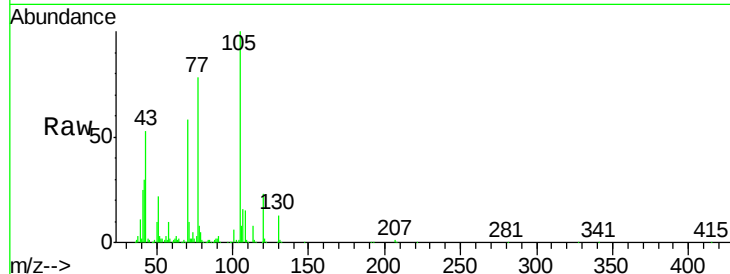
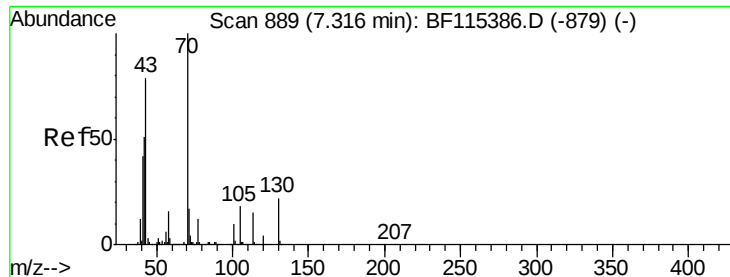
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





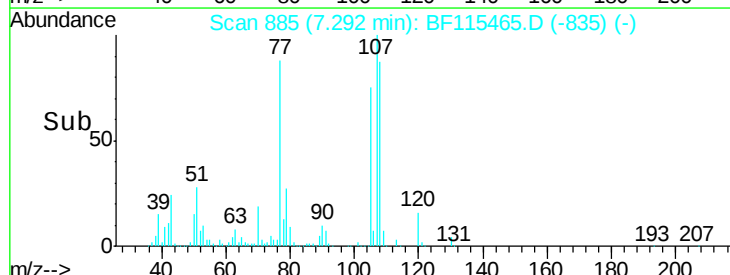
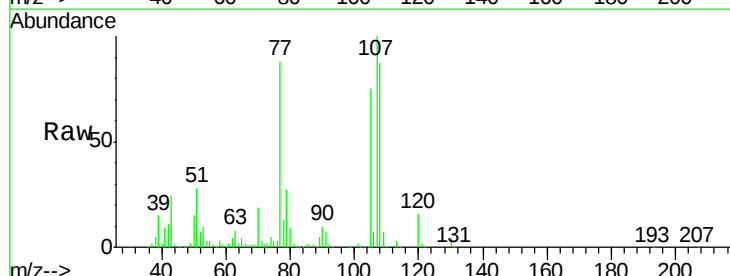
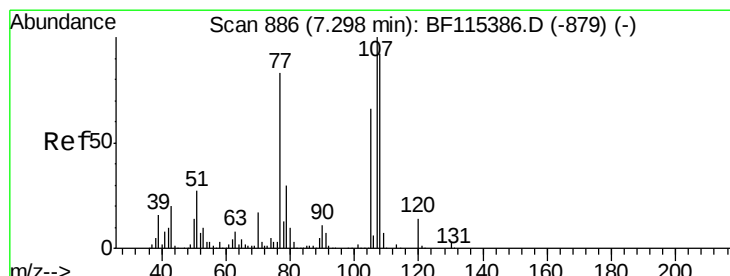
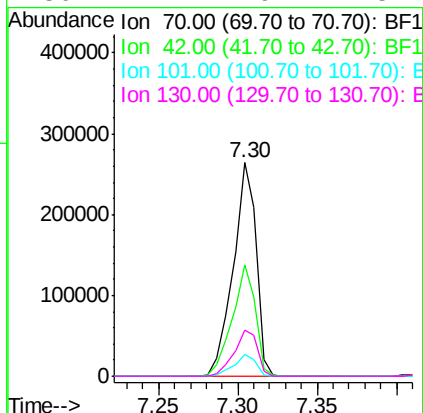
#19
n-Nitroso-di-n-propylamine
Concen: 37.215 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.3	38.5	57.7
101	10.0	8.0	12.0
130	21.7	19.1	28.7

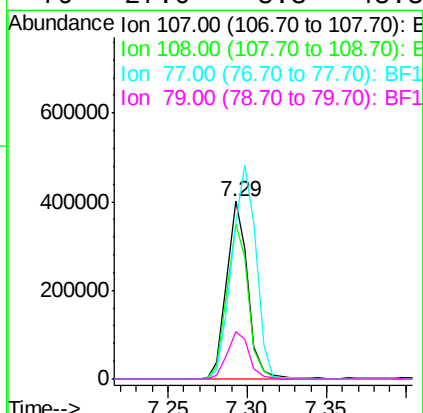
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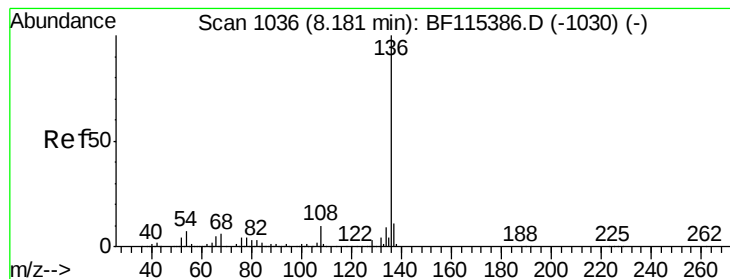
mohammad
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#20
3+4-Methylphenols
Concen: 38.978 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	70.5	110.5
77	88.3	63.0	103.0
79	27.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

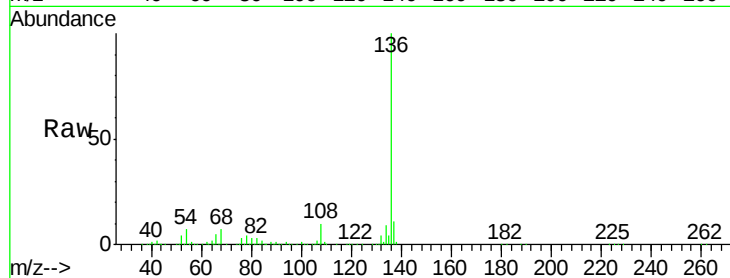
ClientSampleId :

TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	507126		
137	11.2		8.8	13.2
54	7.2		5.4	8.0
68	6.6		4.8	7.2

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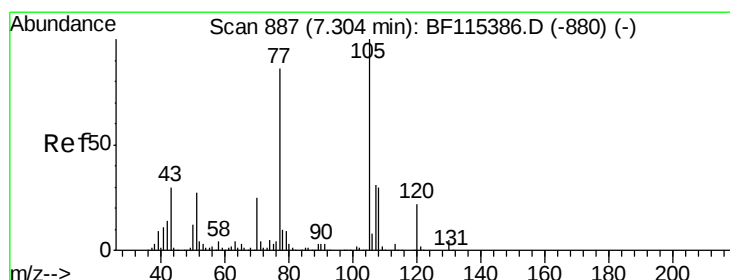
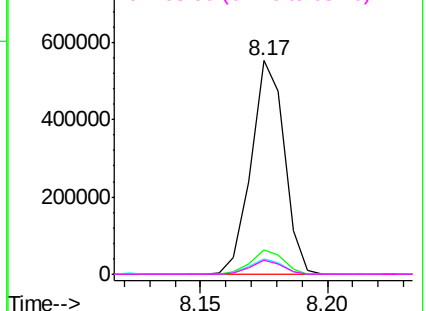
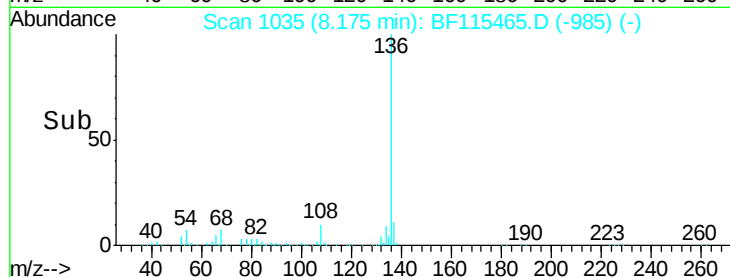
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.141 ng

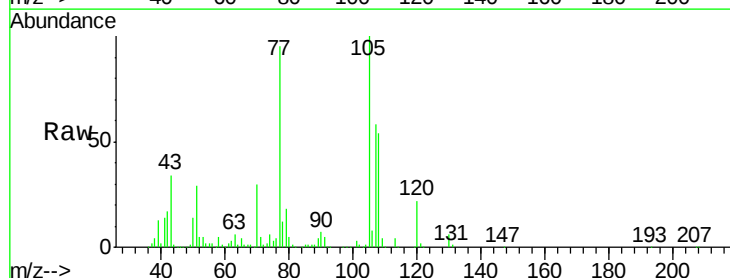
RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	524241		
71	5.0		3.5	5.3
51	29.1		22.6	33.8
120	22.4		17.9	26.9



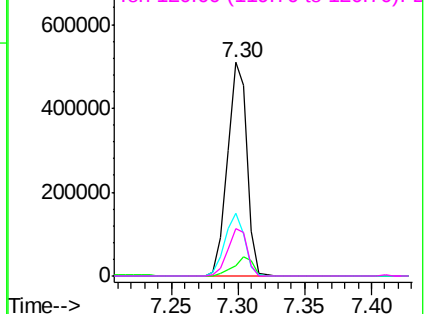
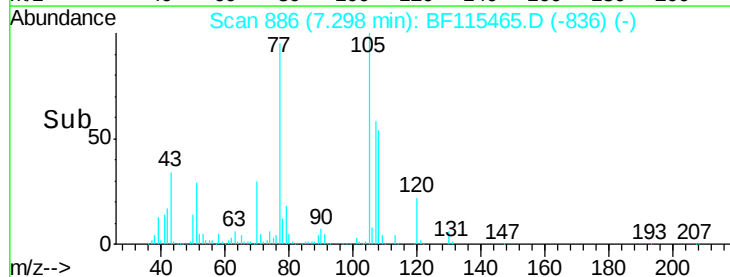
Abundance

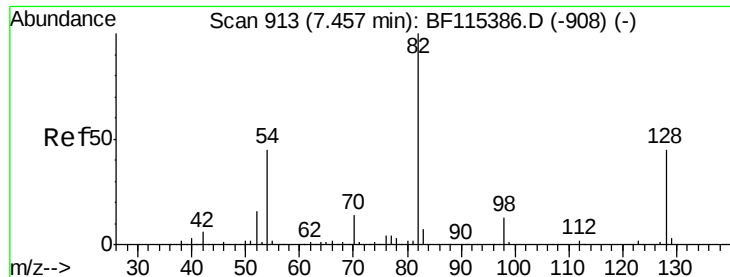
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





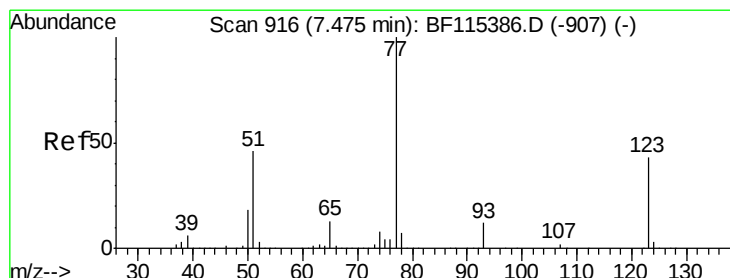
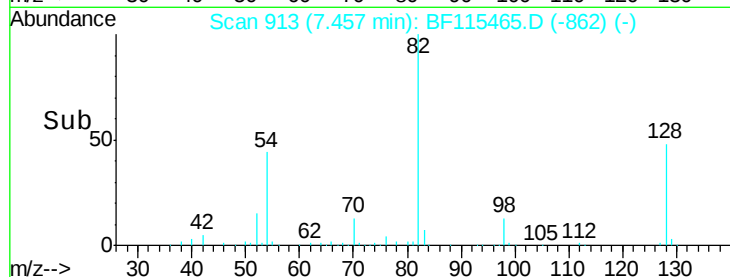
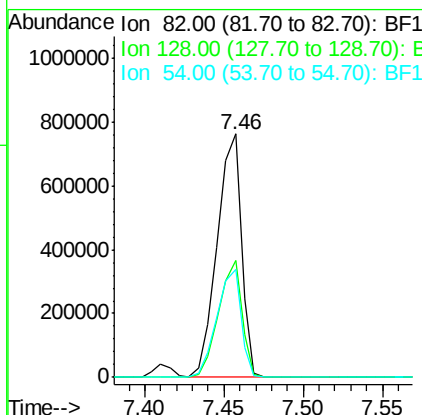
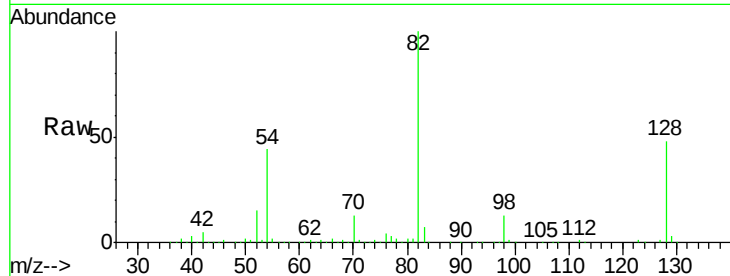
#23
 Nitrobenzene-d5
 Concen: 94.789 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleID :
 TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.7	55.1
54	44.1	35.6	53.4

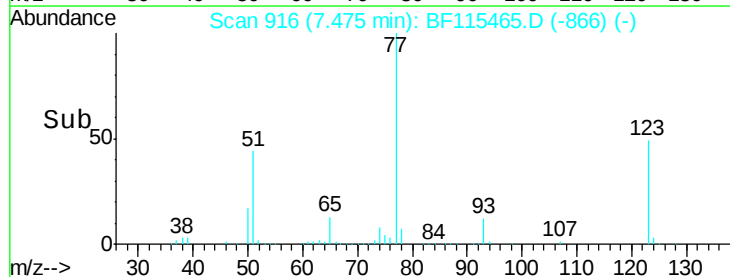
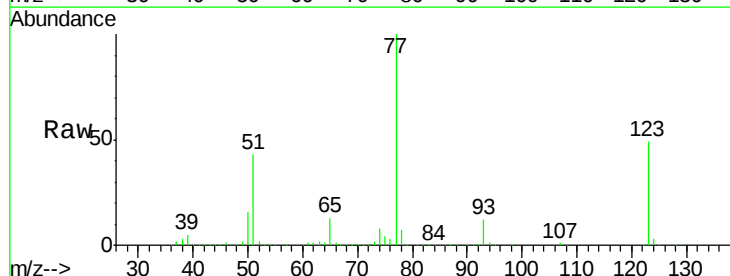
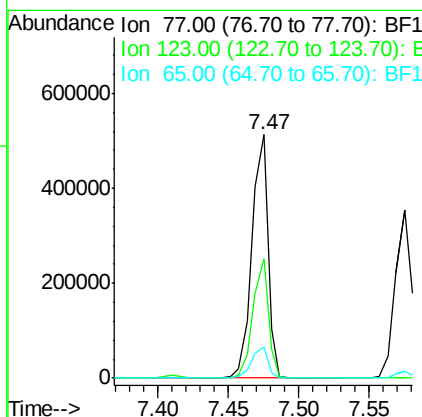
Manual Integrations
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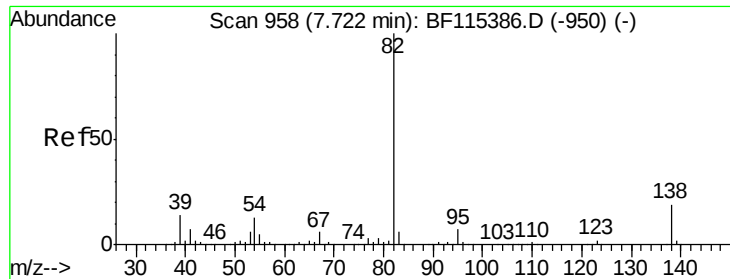
mohammad
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#24
 Nitrobenzene
 Concen: 42.670 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	40.4	60.6
65	12.7	10.4	15.6





#25

Isophorone

Concen: 39.790 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

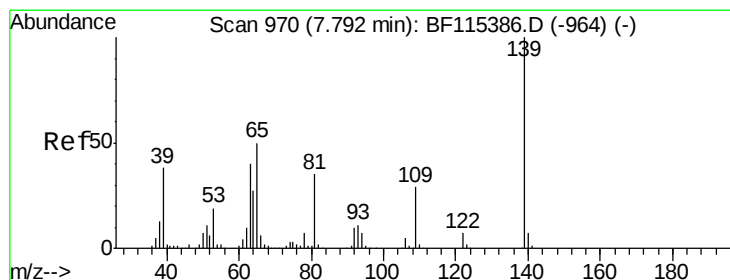
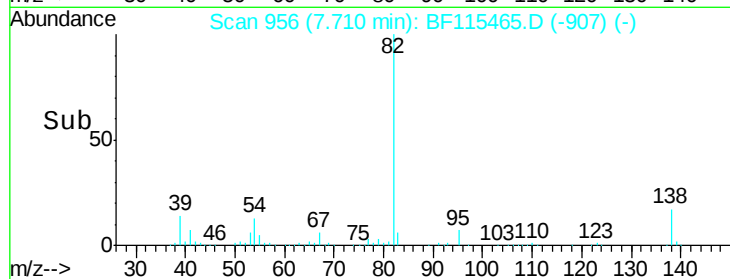
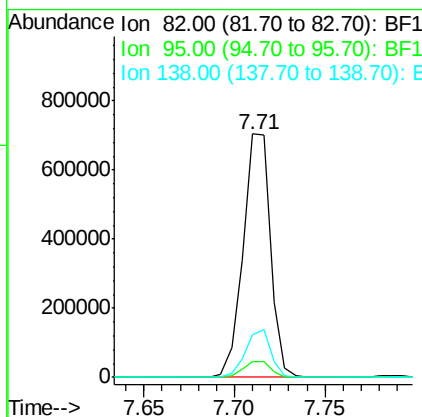
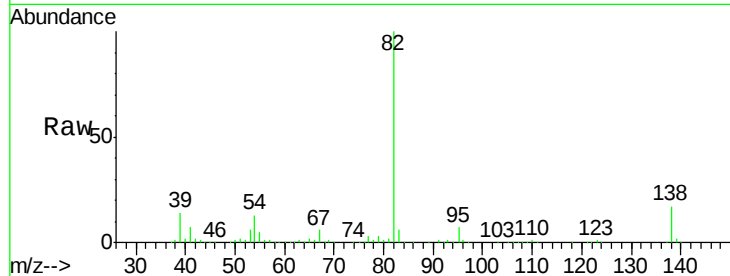
ClientSampleId :

TR-05-070819MS

Tgt Ion:	82	Resp:	740268
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	17.3	15.1	22.7

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#26

2-Nitrophenol

Concen: 50.814 ng

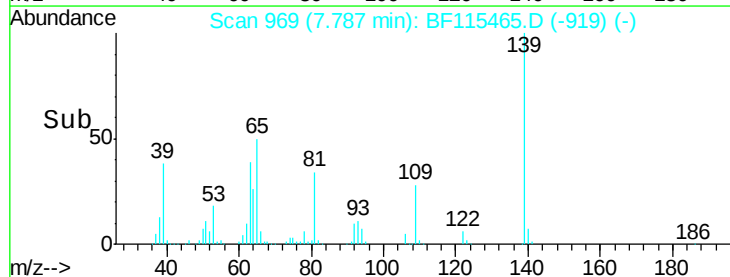
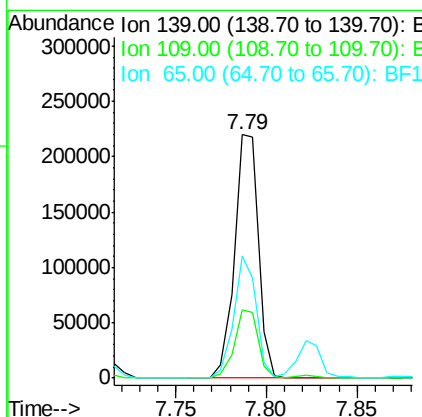
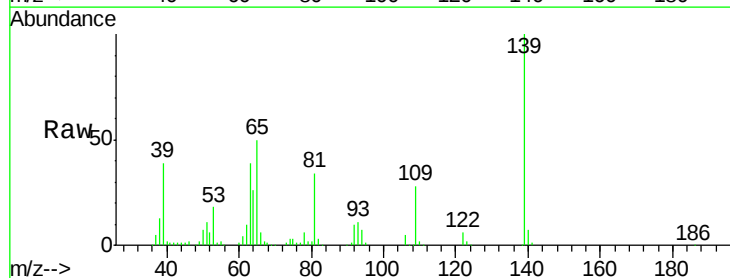
RT: 7.79 min Scan# 969

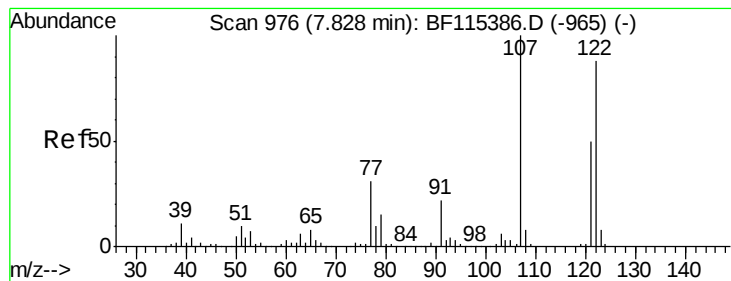
Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	139	Resp:	202504
Ion Ratio	Lower	Upper	
139	100		
109	28.2	22.2	33.4
65	50.0	37.5	56.3





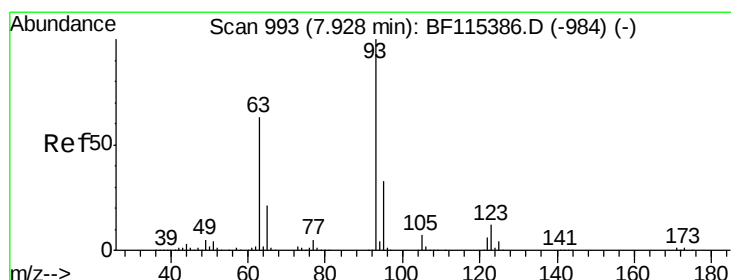
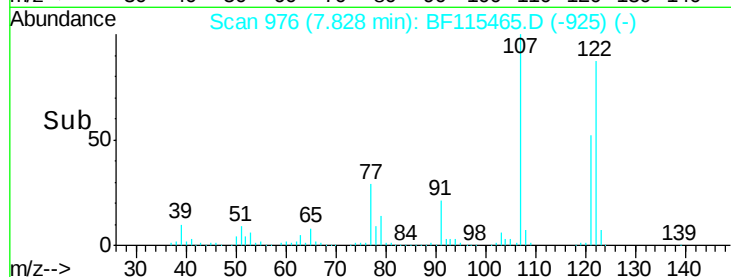
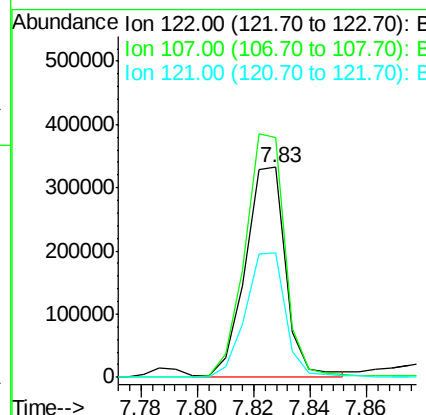
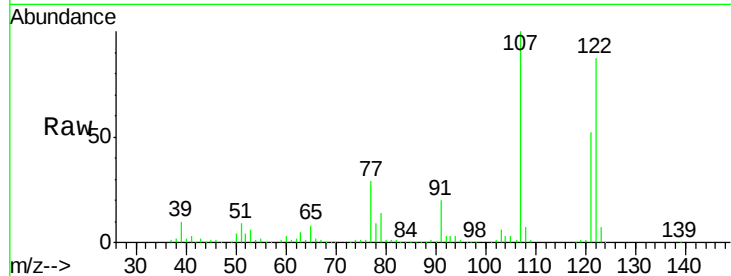
#27
2,4-Dimethylphenol
Concen: 43.596 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	331295		
107	114.5	91.7	137.5	
121	59.6	47.7	71.5	

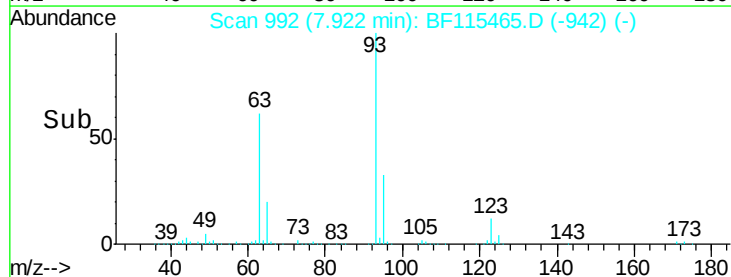
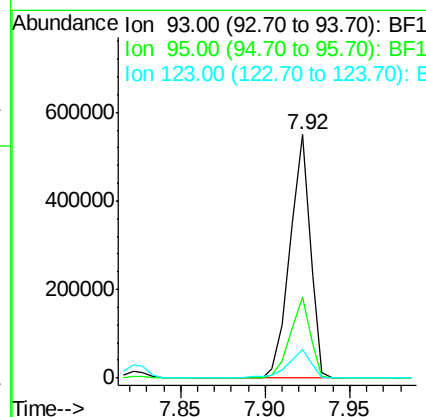
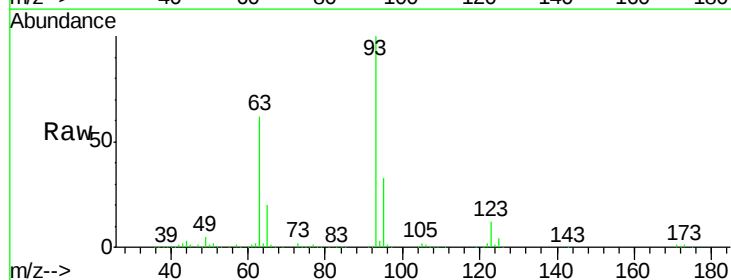
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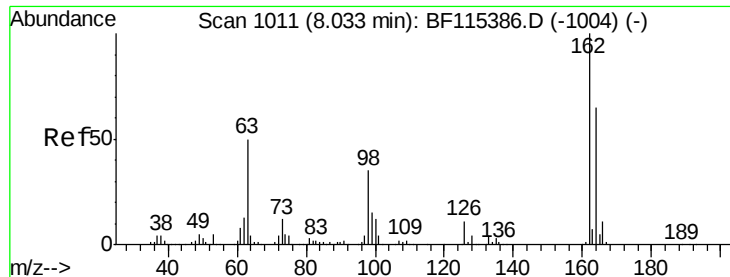
mohammad
7/11/2019 5:22:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.790 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	456476		
95	33.2	26.6	39.8	
123	11.6	10.4	15.6	





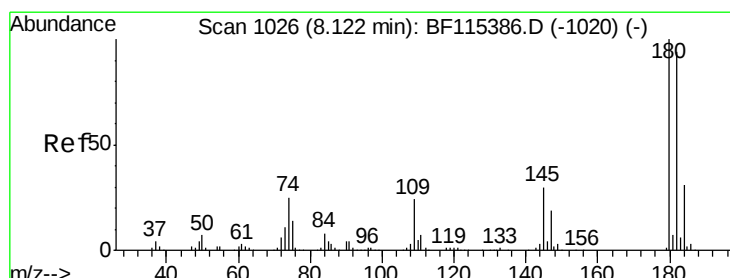
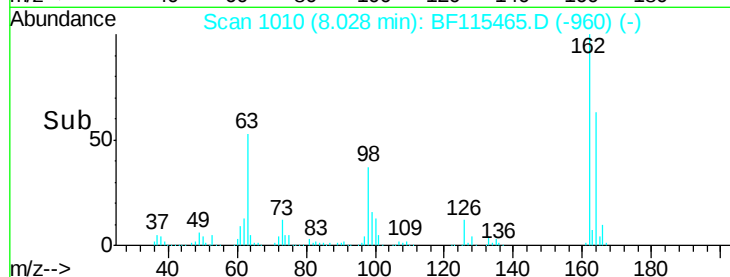
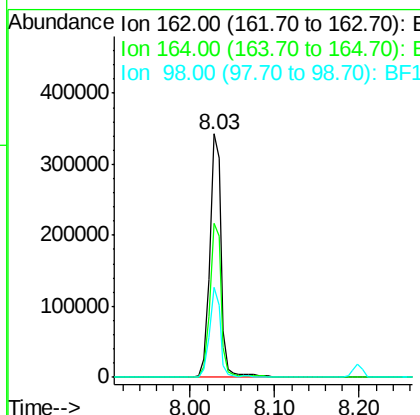
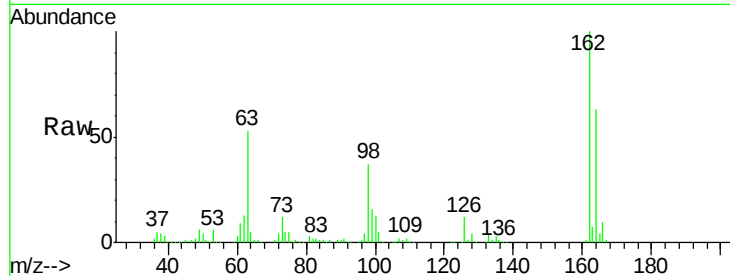
#29
2,4-Dichlorophenol
Concen: 43.503 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	329271		
164	63.4	45.2	85.2	
98	37.1	17.0	57.0	

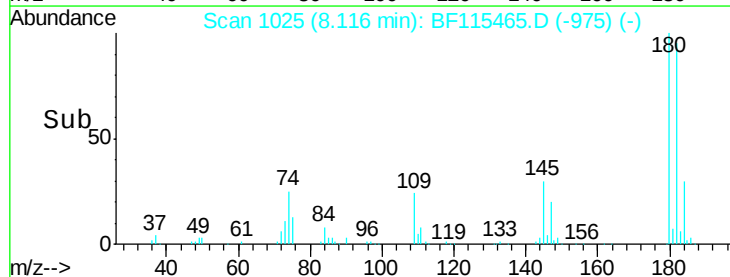
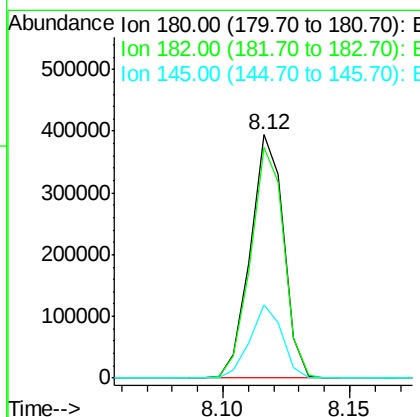
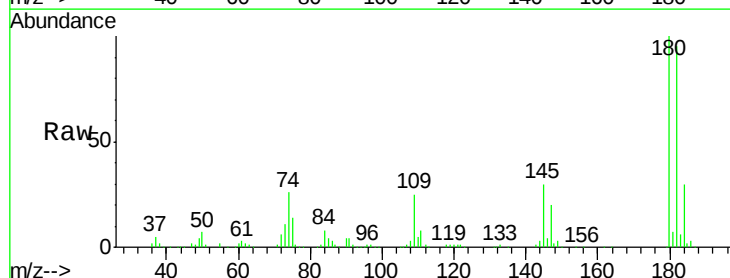
Manual Integrations
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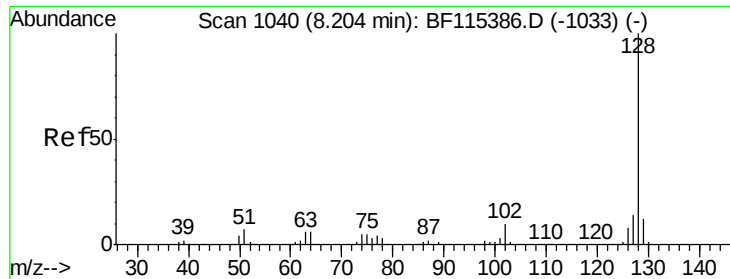
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.718 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	359951		
182	94.8	77.1	115.7	
145	30.2	23.9	35.9	





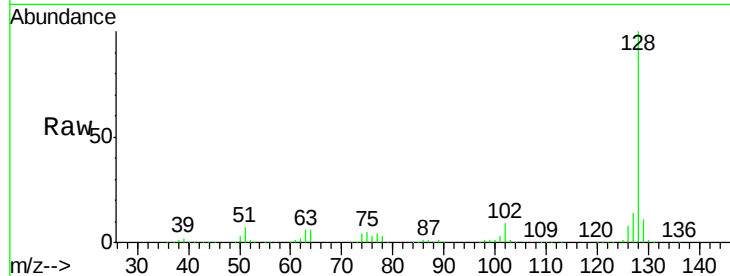
#31
Naphthalene
Concen: 43.639 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

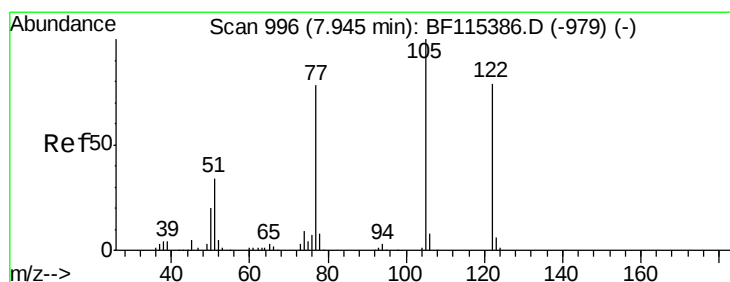
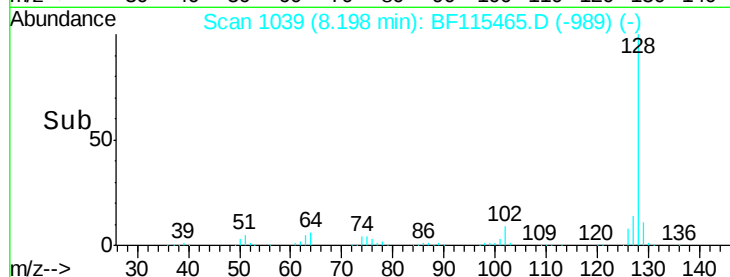
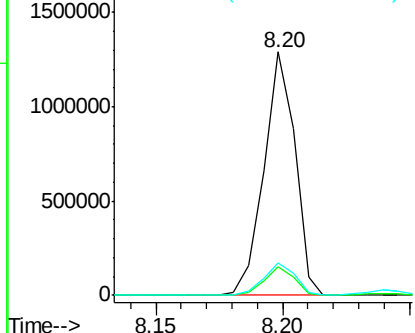
Tgt Ion:128 Resp: 1099220
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.5 11.1 16.7

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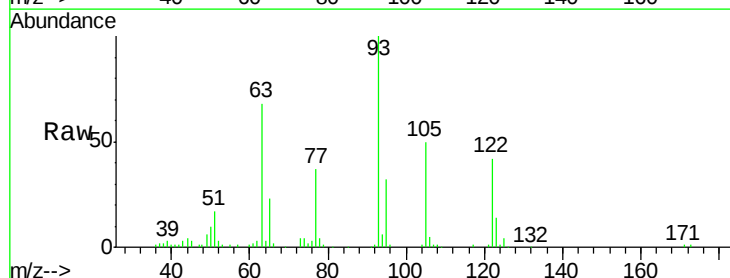


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

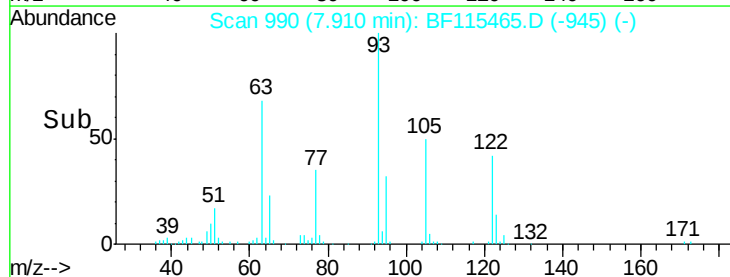
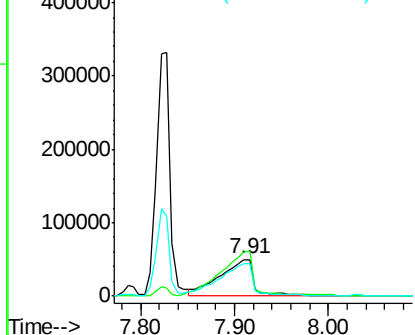


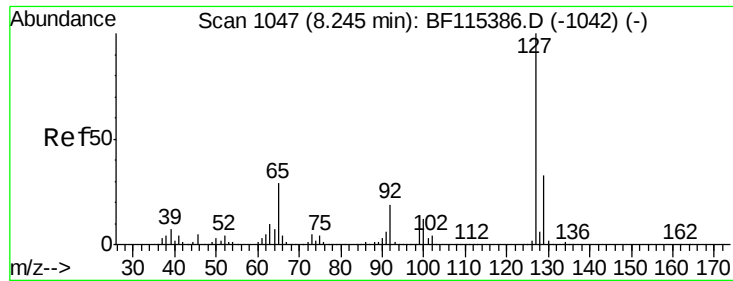
#32
Benzoic acid
Concen: 25.612 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion:122 Resp: 123939
Ion Ratio Lower Upper
122 100
105 118.7 101.6 141.6
77 87.6 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





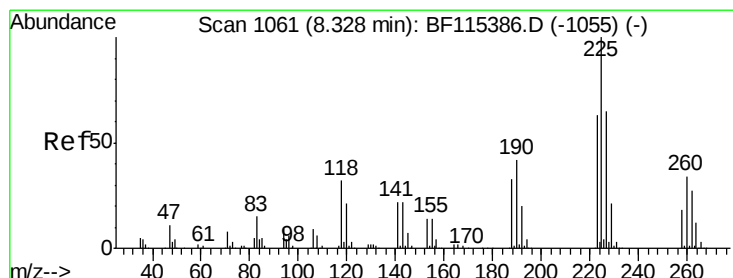
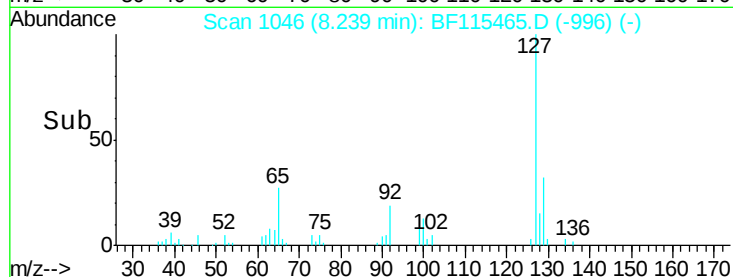
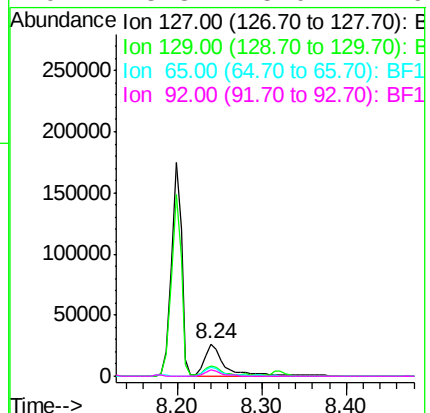
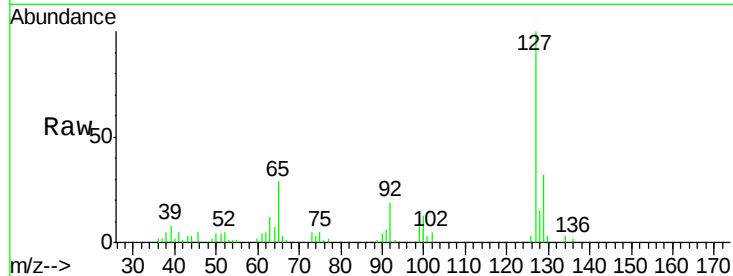
#33
4-Chloroaniline
Concen: 4.009 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	45056		
129	31.6	26.1	39.1	
65	28.7	23.2	34.8	
92	18.8	15.0	22.6	

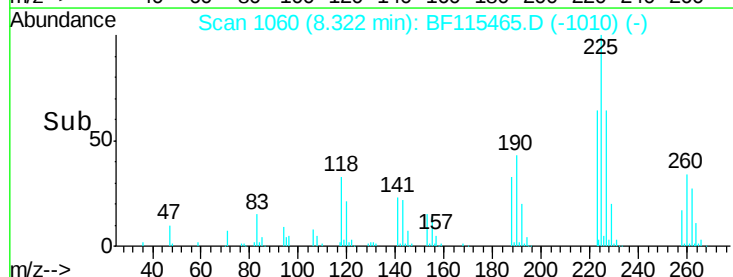
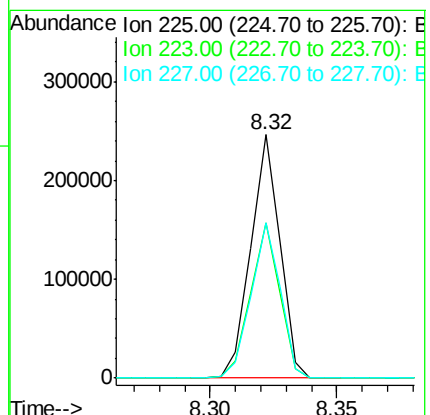
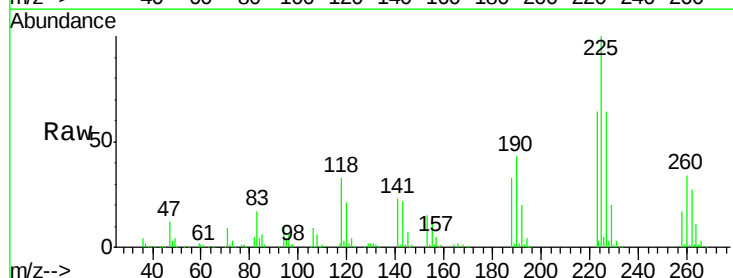
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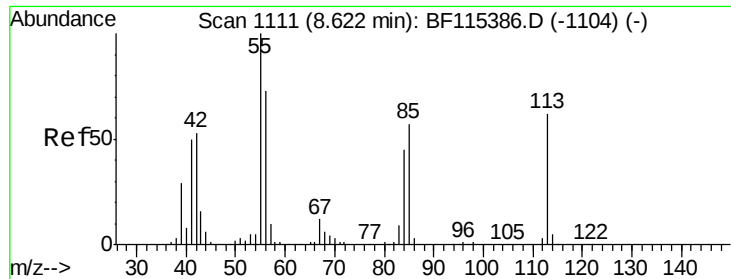
mohammad
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#34
Hexachlorobutadiene
Concen: 41.458 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198110		
223	63.6	50.6	76.0	
227	63.9	51.4	77.2	





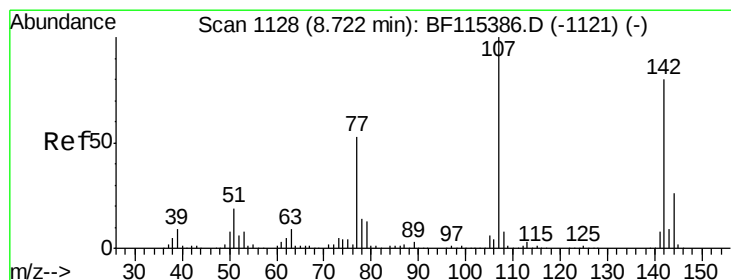
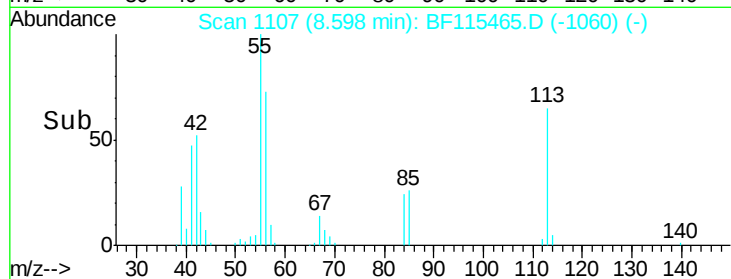
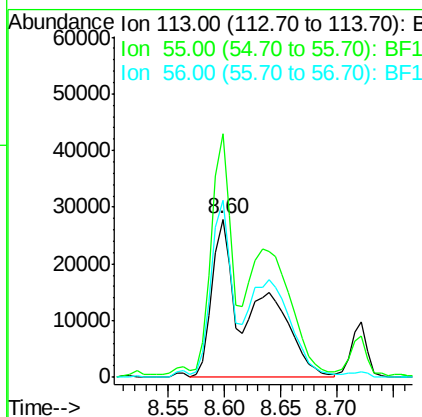
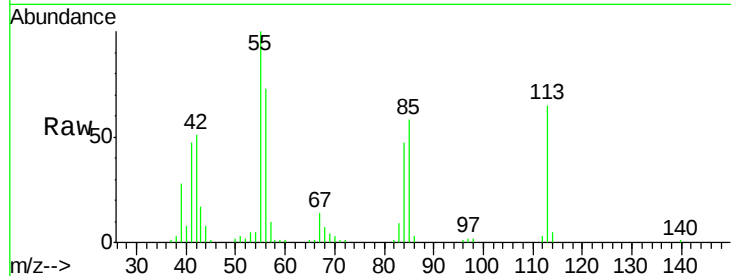
#35
 Caprolactam
 Concen: 29.281 ng m
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	154.0	138.1	178.1
56	112.1	95.7	135.7

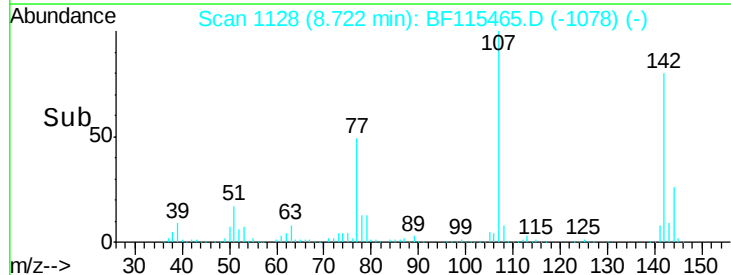
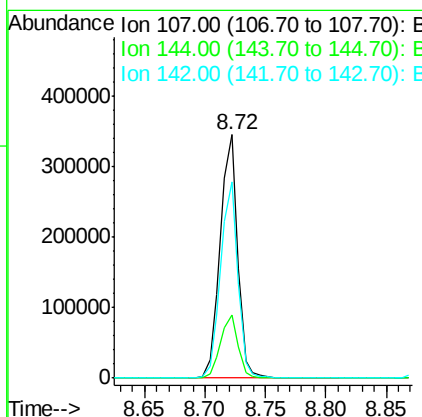
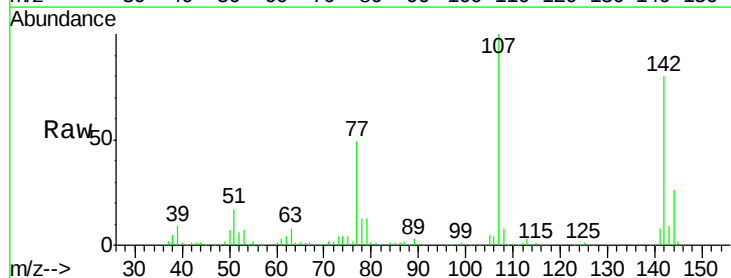
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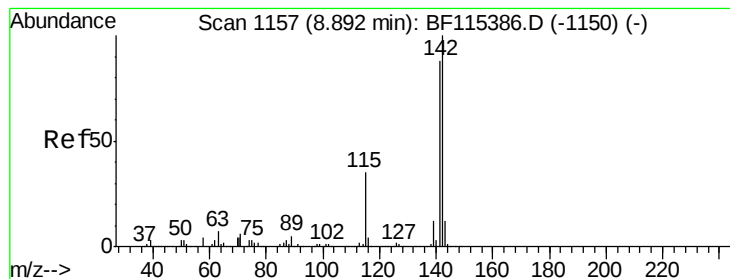
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.897 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.5	32.3
142	80.4	66.2	99.2





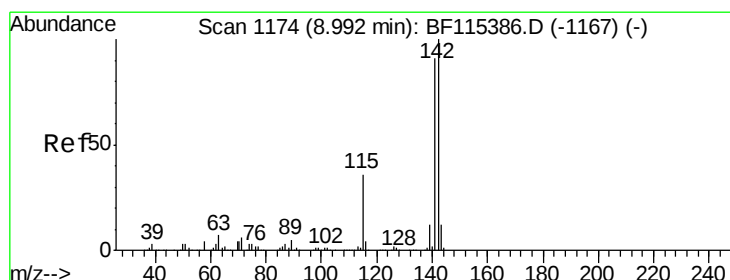
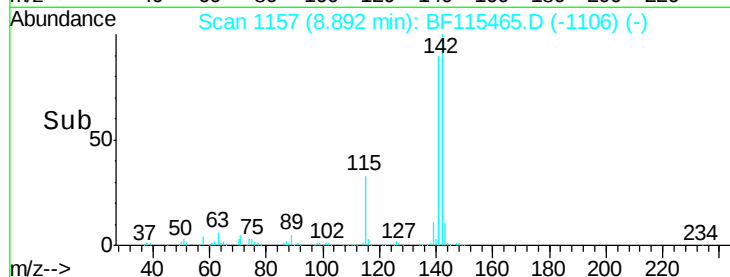
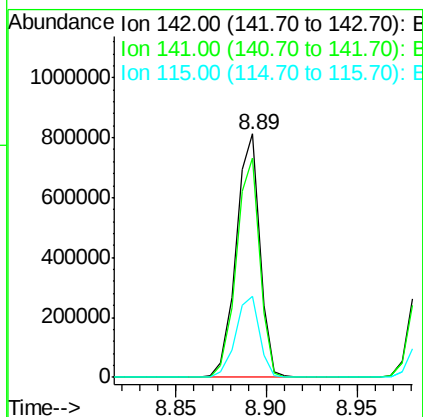
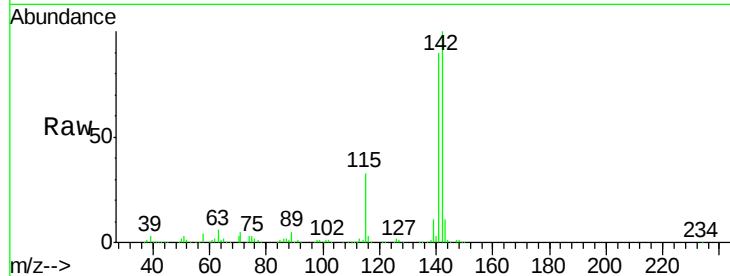
#37
2-Methylnaphthalene
Concen: 43.839 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1
115	33.1	27.6	41.4

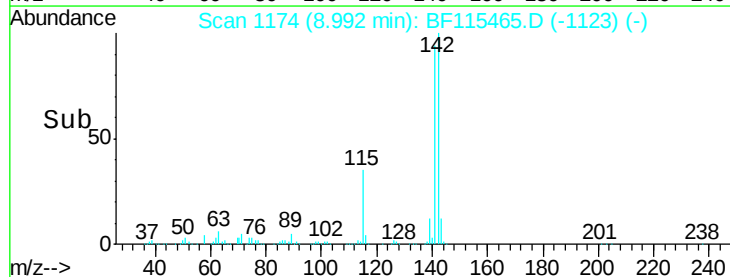
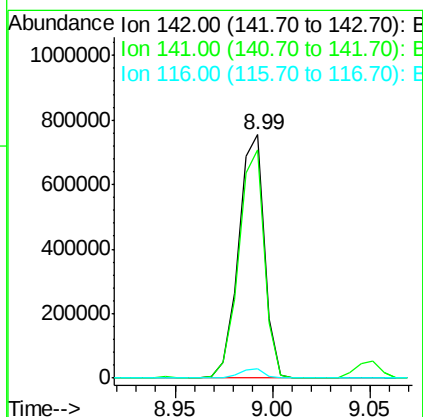
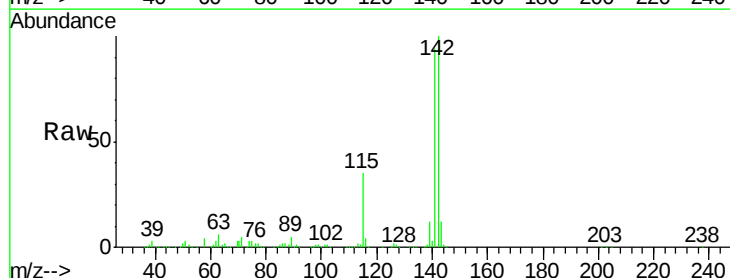
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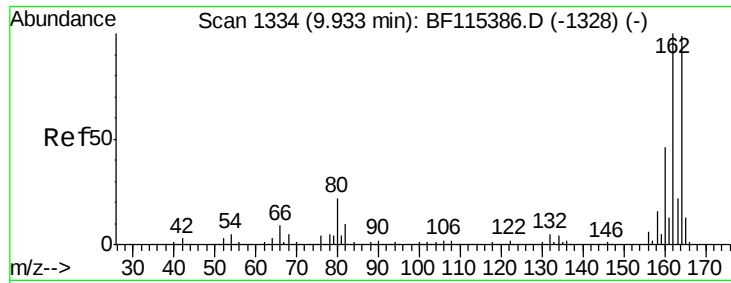
mohammad
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#38
1-Methylnaphthalene
Concen: 42.946 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.3	111.5
116	3.6	3.1	4.7





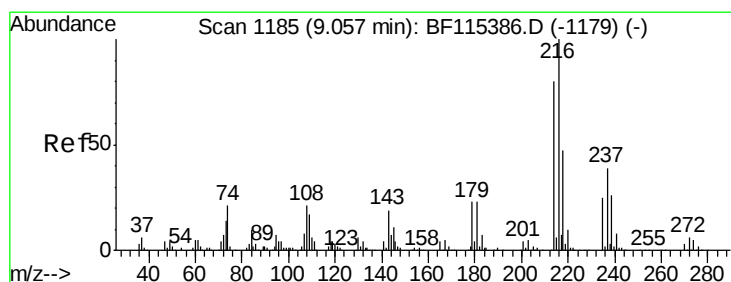
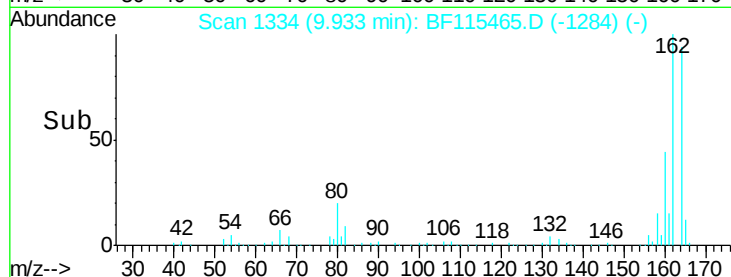
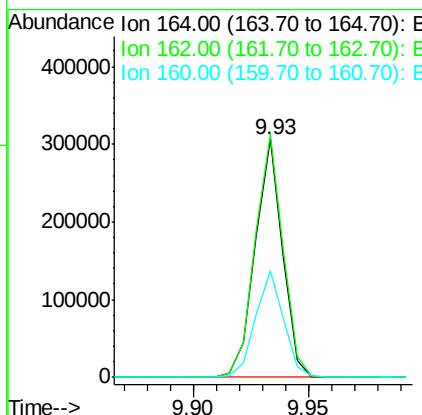
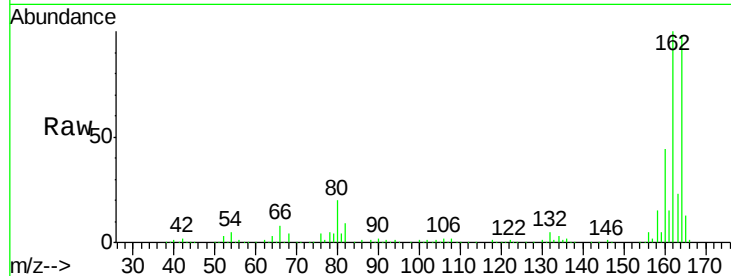
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	253449		
162	102.2	82.3	123.5	
160	44.8	37.2	55.8	

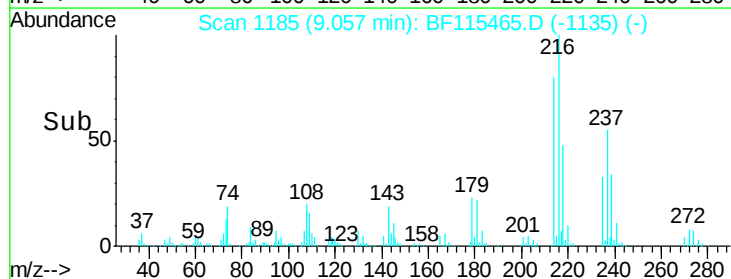
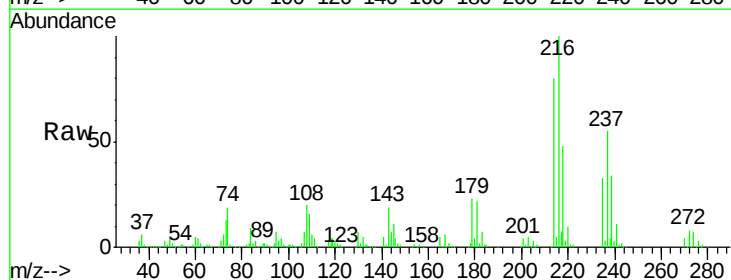
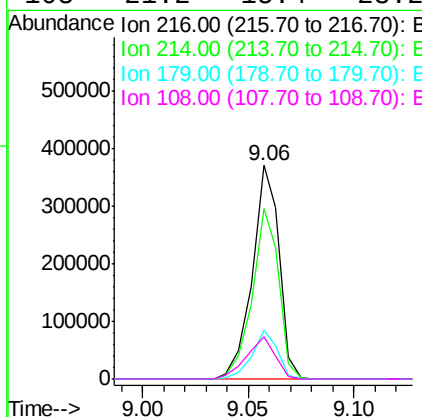
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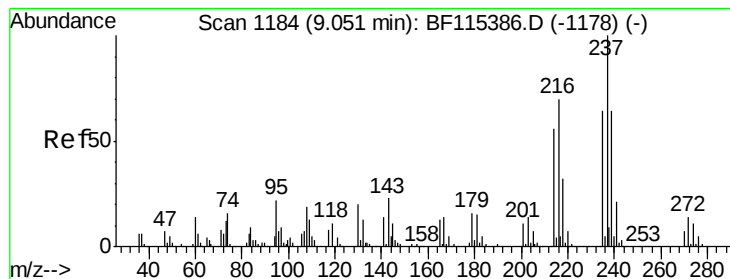
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.824 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	326830		
214	78.7	63.0	94.6	
179	21.6	17.4	26.0	
108	21.2	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 89.800 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

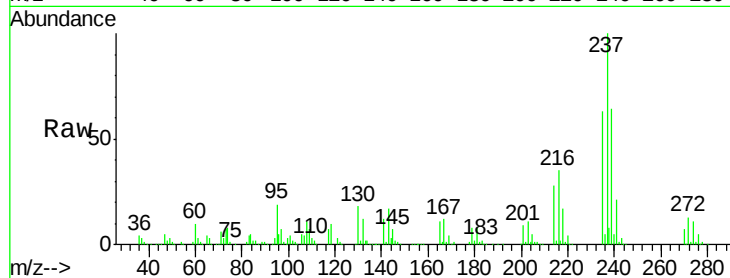
ClientSampleId :

TR-05-070819MS

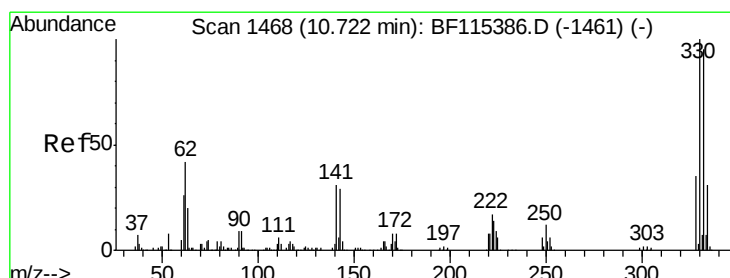
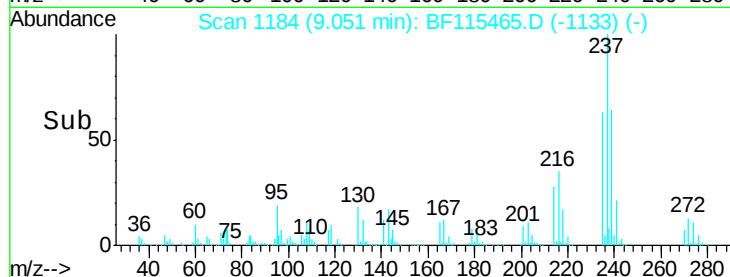
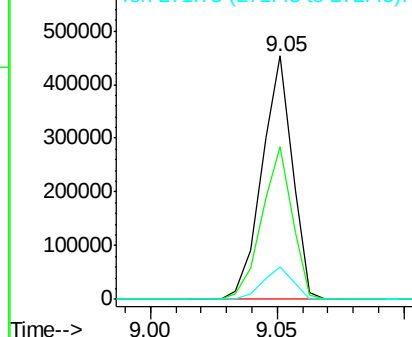
Tgt Ion:	237	Resp:	379496
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.4	83.4
272	13.5	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 137.794 ng

RT: 10.72 min Scan# 1468

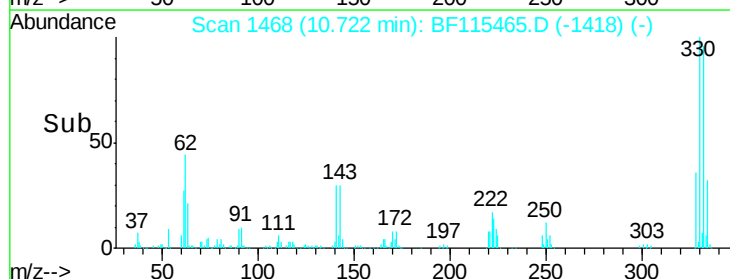
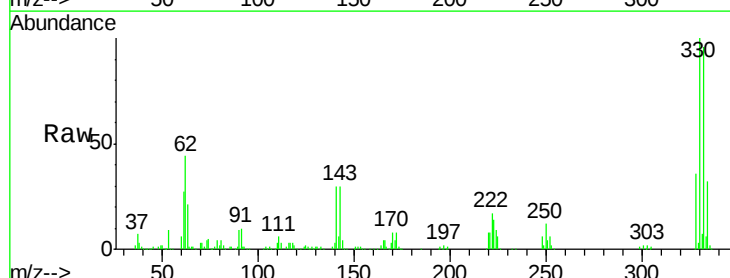
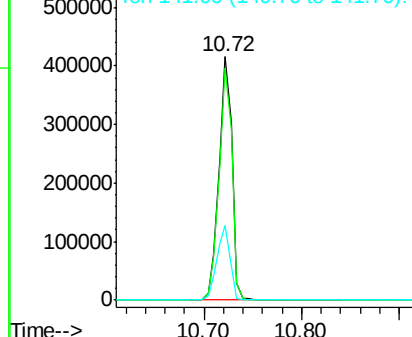
Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	330	Resp:	386142
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.0
141	30.7	24.7	37.1

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





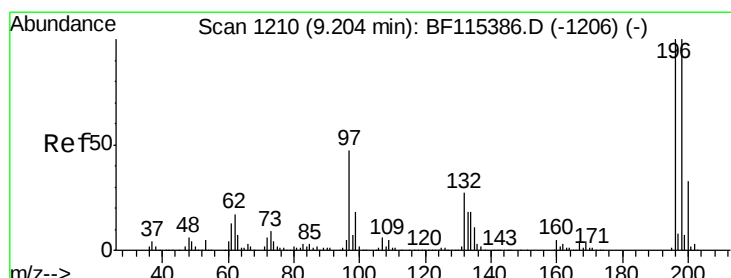
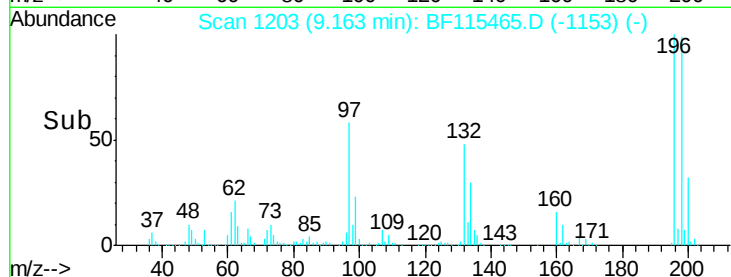
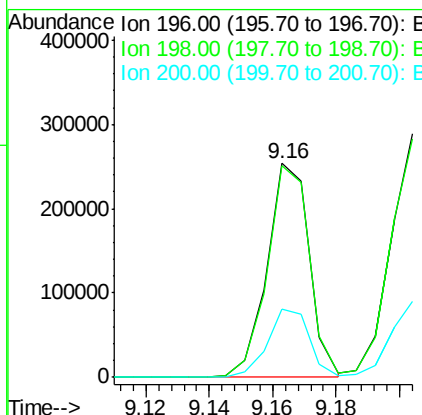
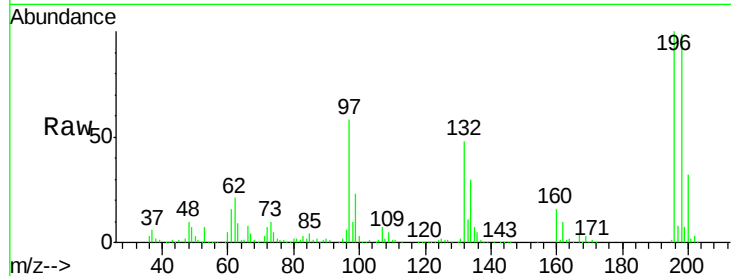
#43
 2,4,6-Trichlorophenol
 Concen: 44.275 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion:	196	Resp:	235025
Ion Ratio	Lower	Upper	
196	100		
198	99.0	78.2	117.4
200	31.6	25.0	37.6

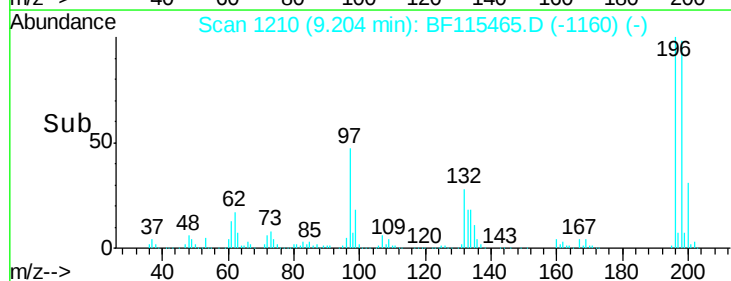
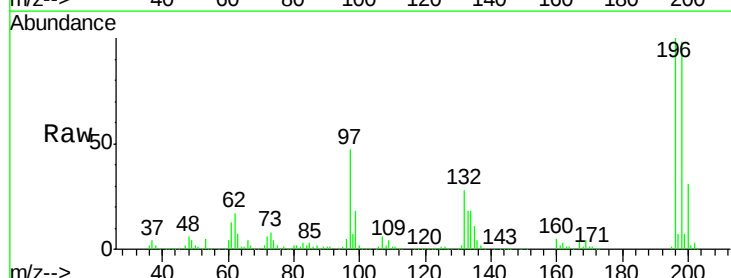
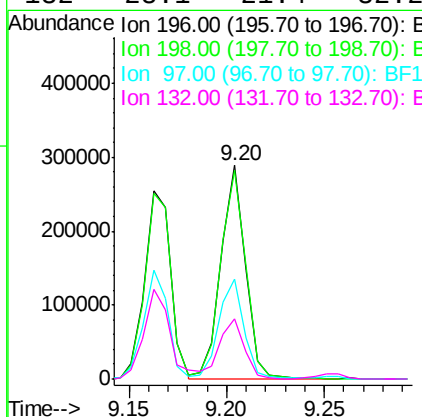
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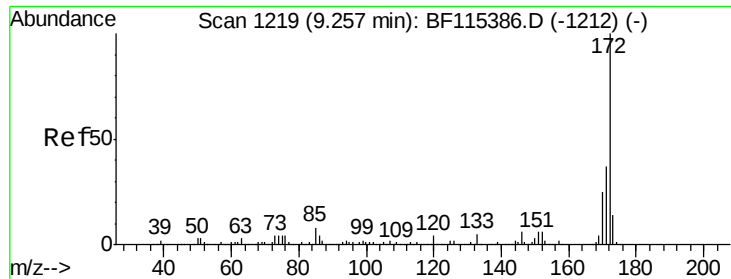
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.925 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion:	196	Resp:	252786
Ion Ratio	Lower	Upper	
196	100		
198	98.0	80.6	120.8
97	46.7	34.0	51.0
132	28.1	21.4	32.2





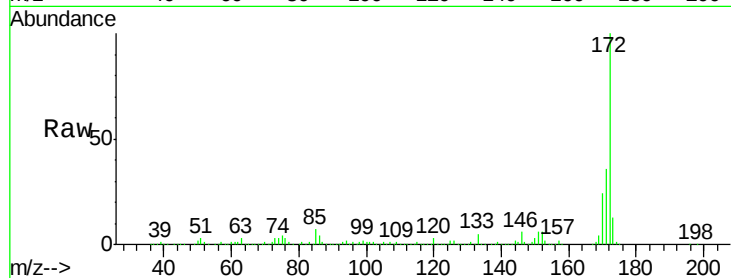
#45
 2-Fluorobiphenyl
 Concen: 100.958 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

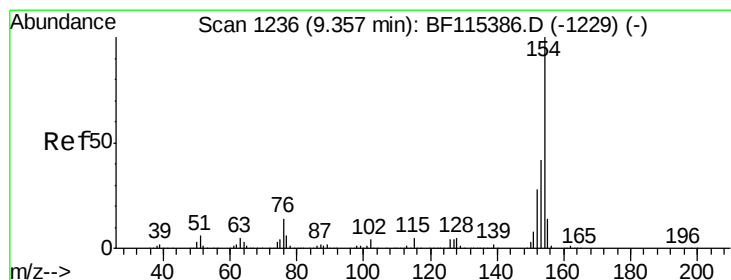
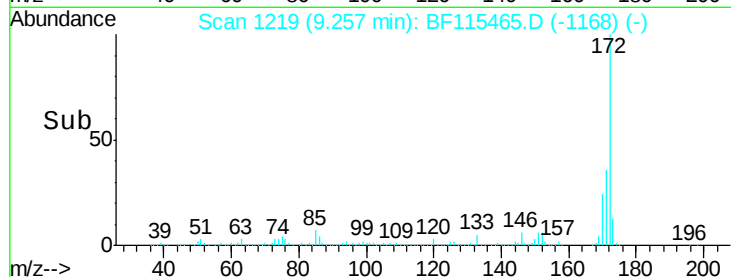
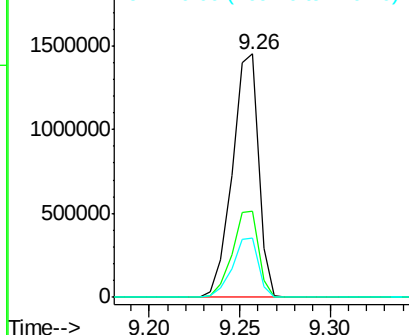
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.8
170	24.1	20.0	30.0

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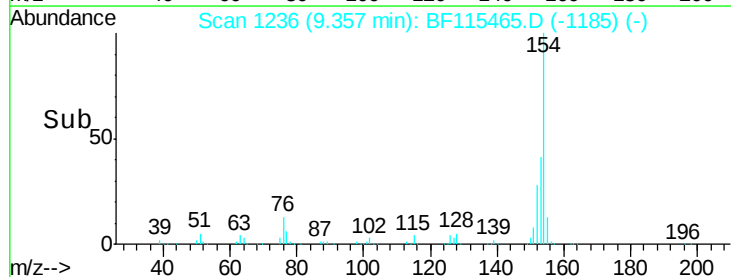
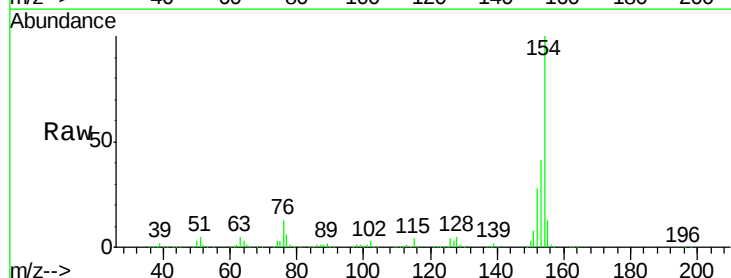
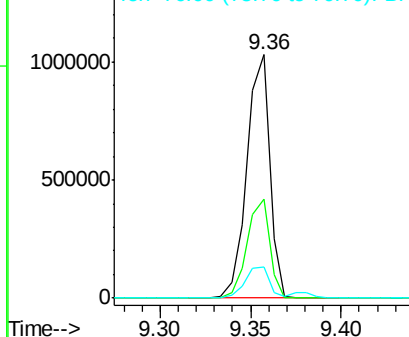
Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

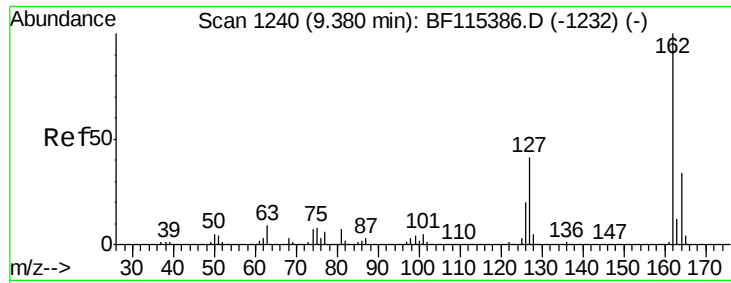


#46
 1,1'-Biphenyl
 Concen: 45.227 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.5	61.5
76	12.7	0.0	34.6

Abundance Ion 154.00 (153.70 to 154.70): E
 1000000
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





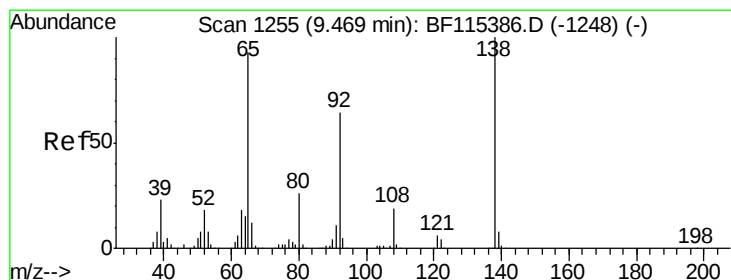
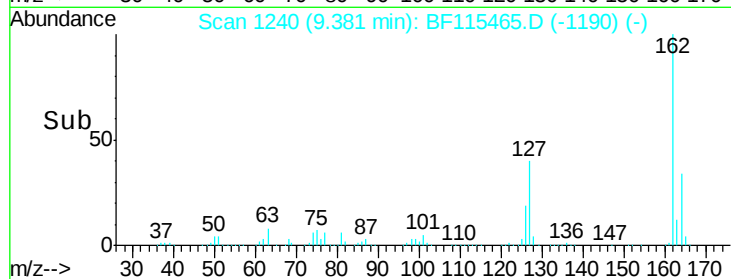
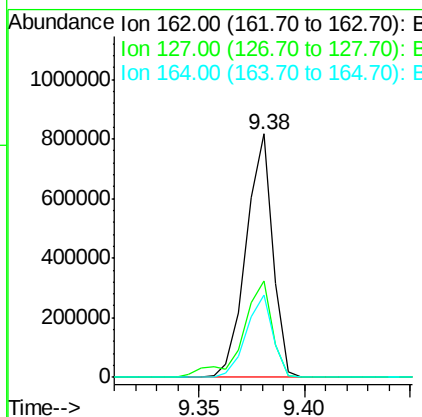
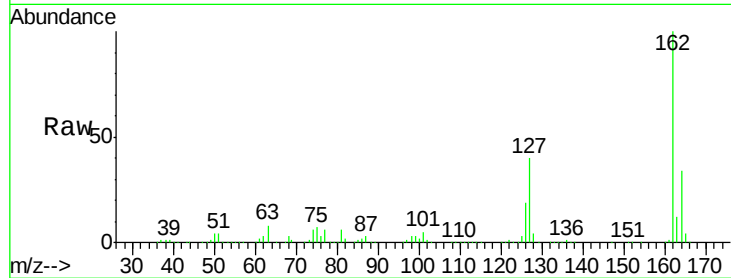
#47
 2-Chloronaphthalene
 Concen: 43.299 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	713030		
127	39.8	31.4	47.0	
164	33.6	27.2	40.8	

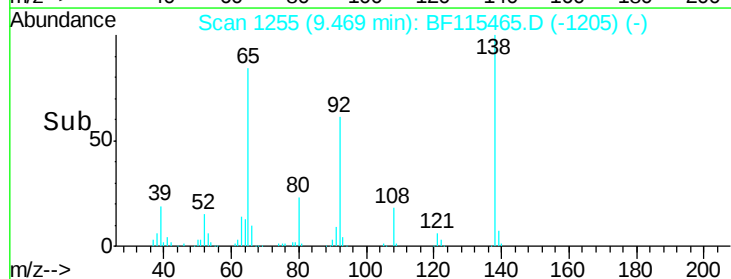
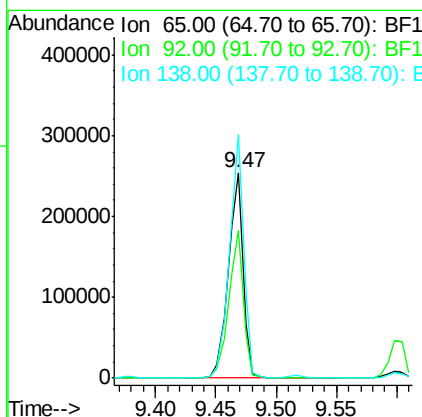
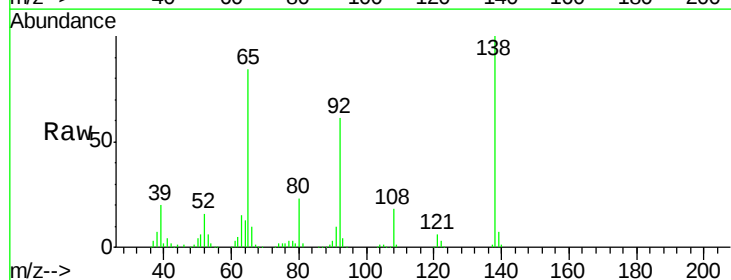
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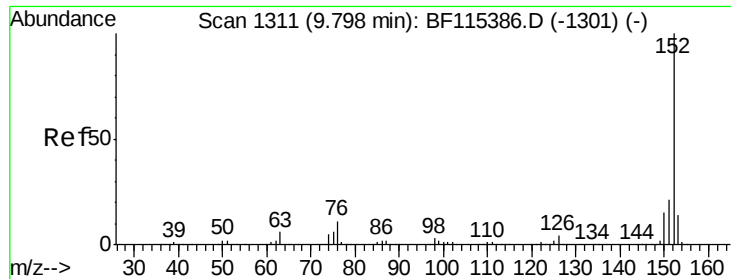
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#48
 2-Nitroaniline
 Concen: 44.994 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	217691		
92	72.0	59.0	88.4	
138	118.6	98.3	147.5	





#49

Acenaphthylene

Concen: 44.810 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

ClientSampleId :

TR-05-070819MS

Tgt Ion:152 Resp: 1117222

Ion Ratio Lower Upper

152 100

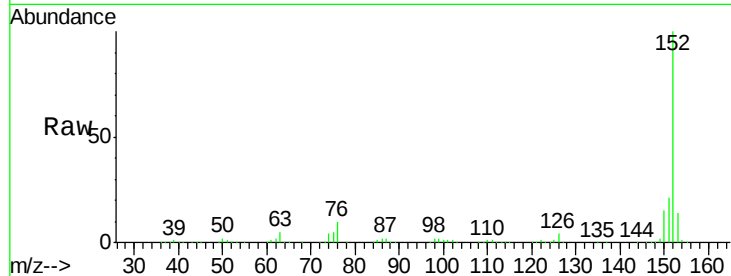
151 20.5 17.1 25.7

153 13.7 11.8 17.6

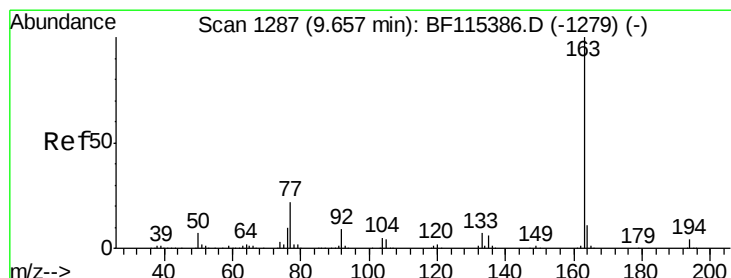
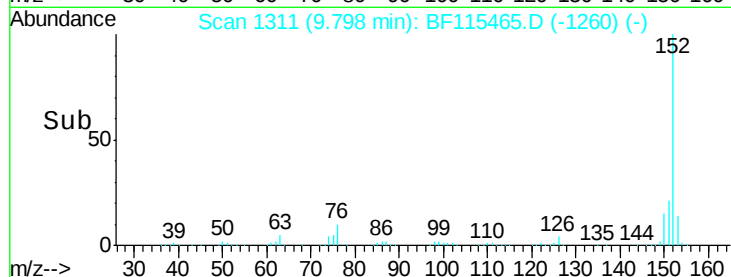
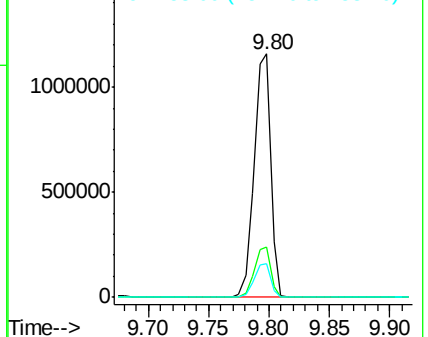
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.575 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

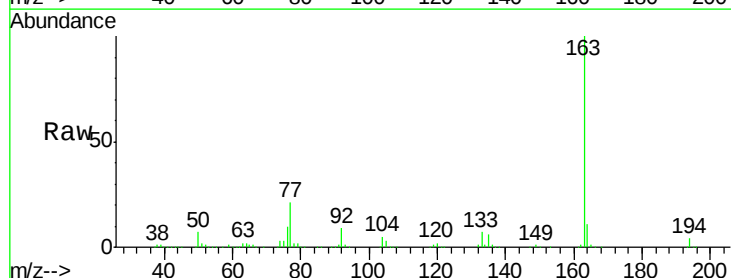
Tgt Ion:163 Resp: 828938

Ion Ratio Lower Upper

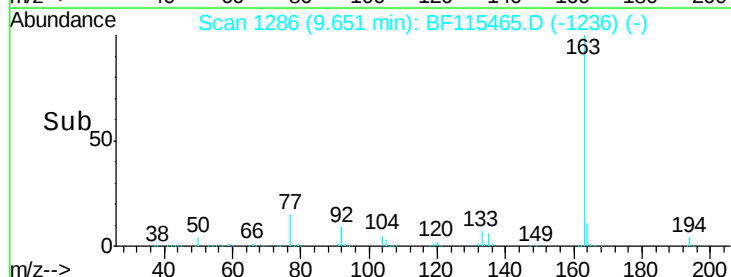
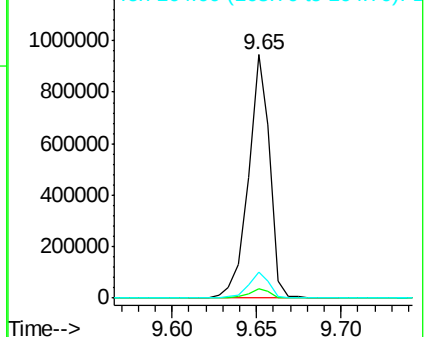
163 100

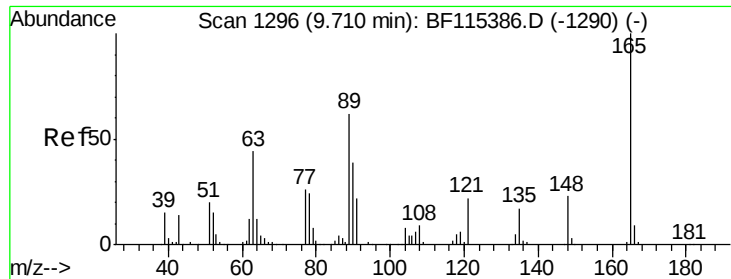
194 3.8 3.1 4.7

164 10.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





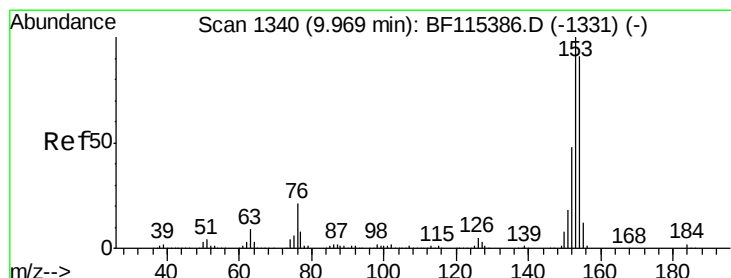
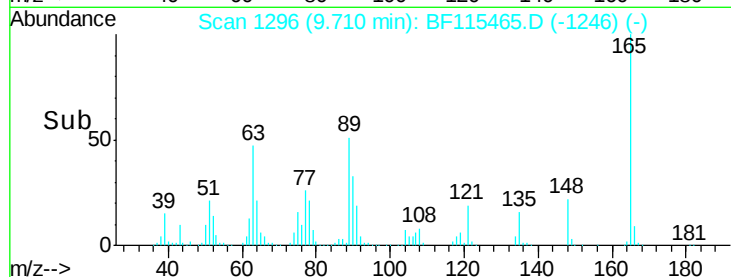
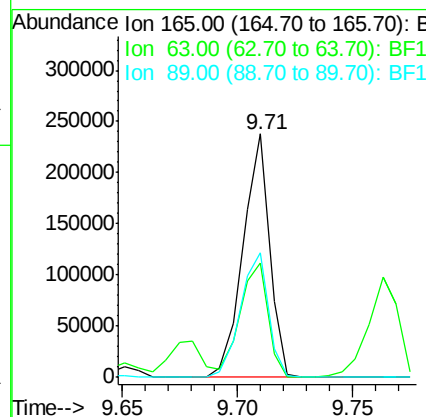
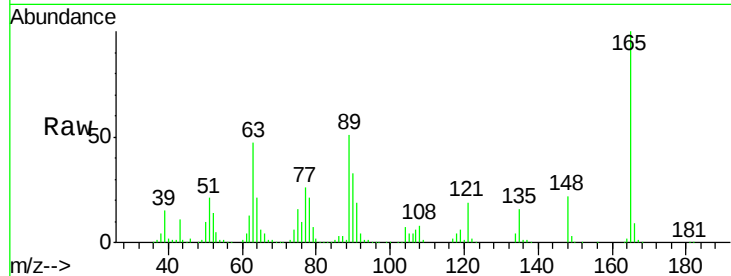
#51
2,6-Dinitrotoluene
Concen: 46.503 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191858		
63	47.0	39.7	59.5	
89	51.3	42.8	64.2	

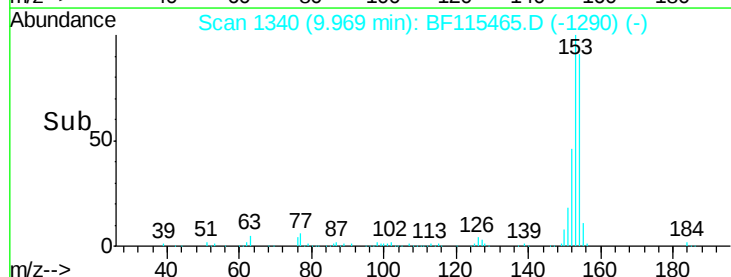
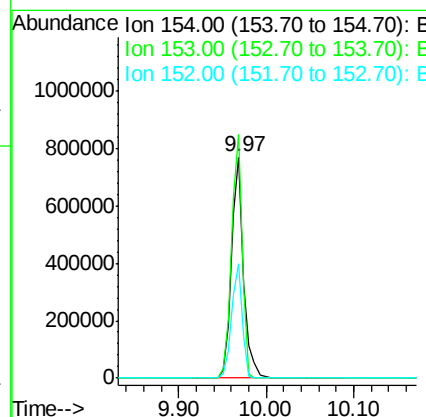
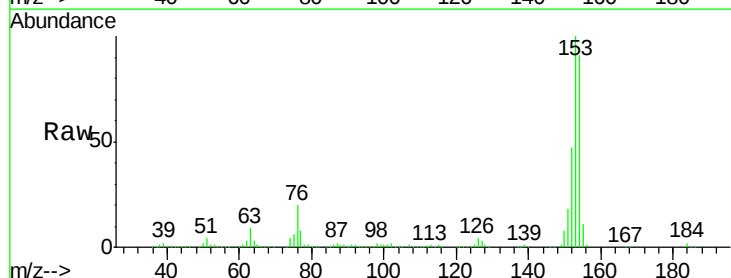
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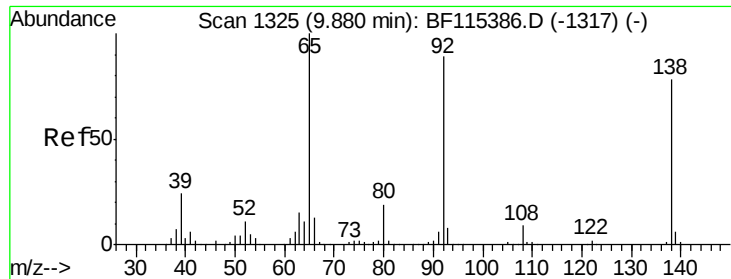
mohammad
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#52
Acenaphthene
Concen: 46.743 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	733462		
153	110.1	89.8	134.8	
152	51.9	41.4	62.0	





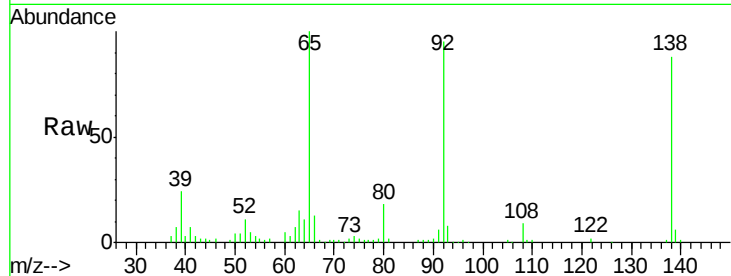
#53
 3-Nitroaniline
 Concen: 14.280 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

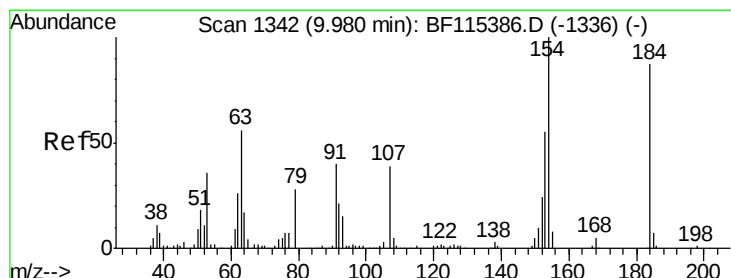
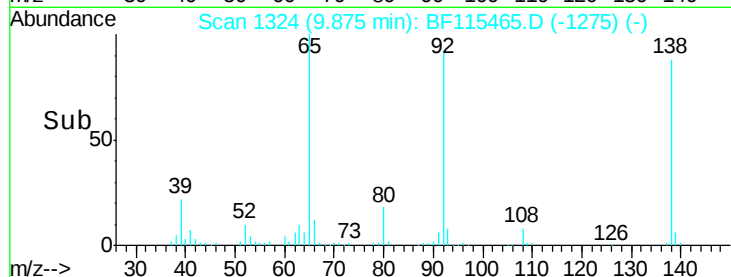
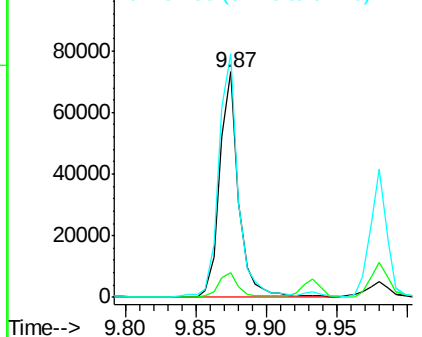
Tgt Ion:138 Resp: 68426
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.5 12.7
 92 108.1 86.1 129.1

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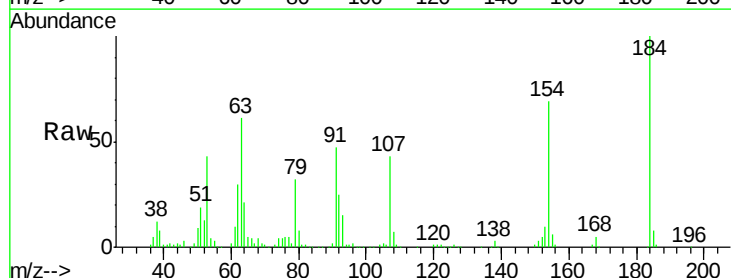


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

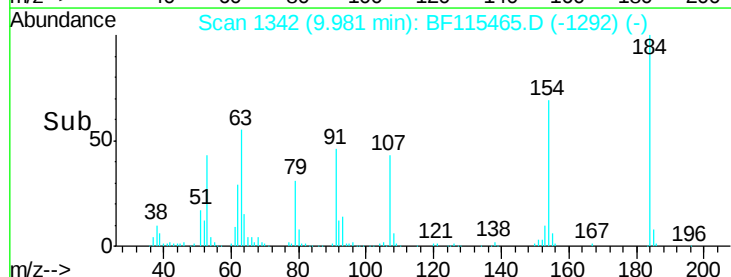
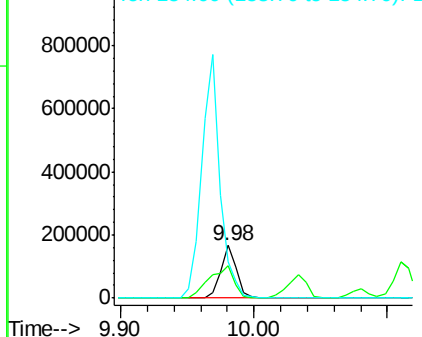


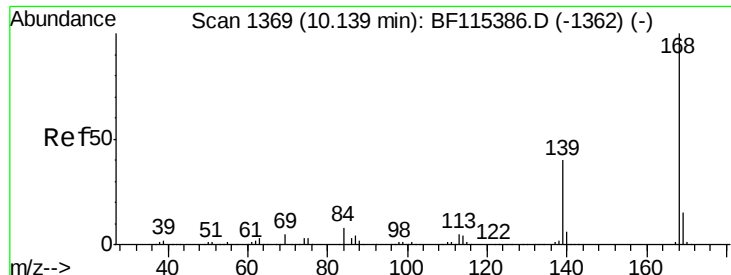
#54
 2,4-Dinitrophenol
 Concen: 78.112 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion:184 Resp: 138569
 Ion Ratio Lower Upper
 184 100
 63 61.4 45.8 68.6
 154 69.0 52.8 79.2



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





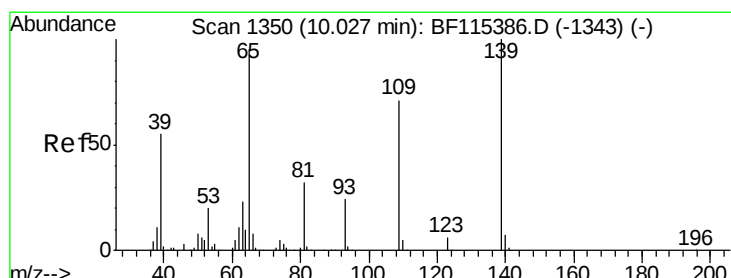
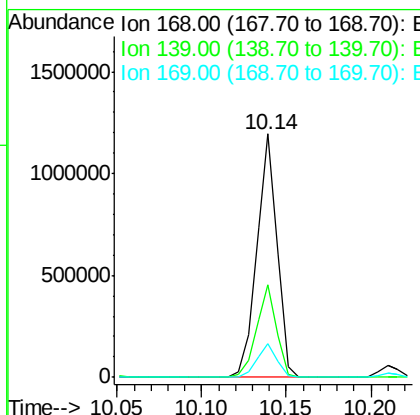
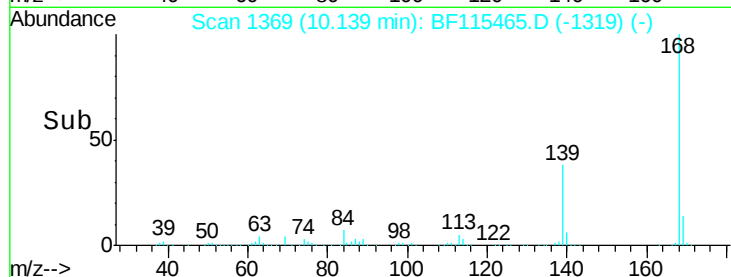
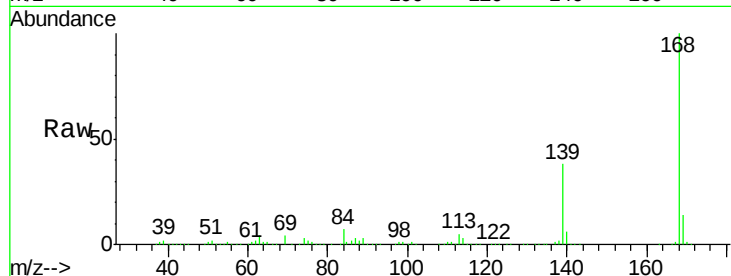
#55
Dibenzenofuran
Concen: 45.321 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion:168 Resp: 1001769
Ion Ratio Lower Upper
168 100
139 38.0 30.6 46.0
169 13.8 11.0 16.6

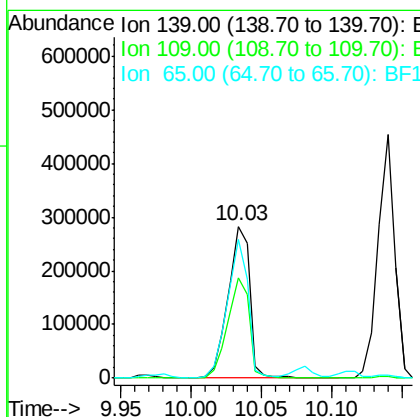
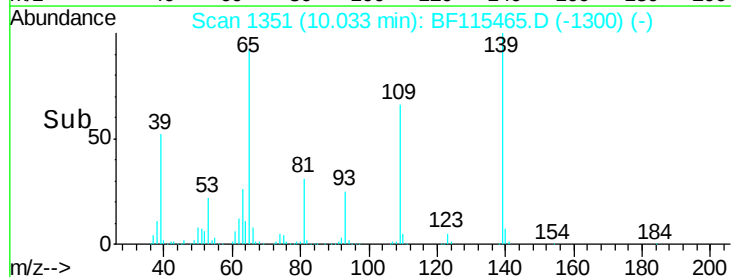
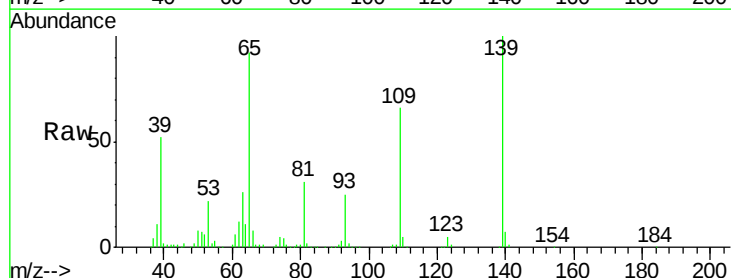
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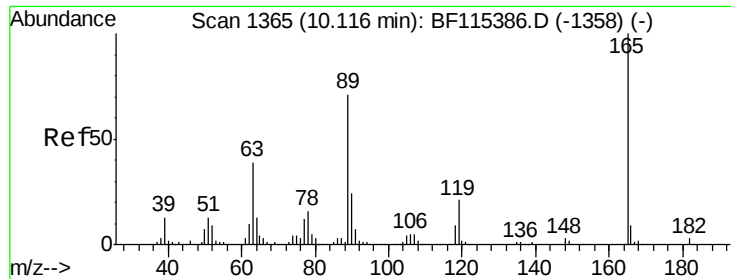
mohammad
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#56
4-Nitrophenol
Concen: 82.410 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion:139 Resp: 305521
Ion Ratio Lower Upper
139 100
109 66.5 46.4 86.4
65 91.6 73.4 113.4





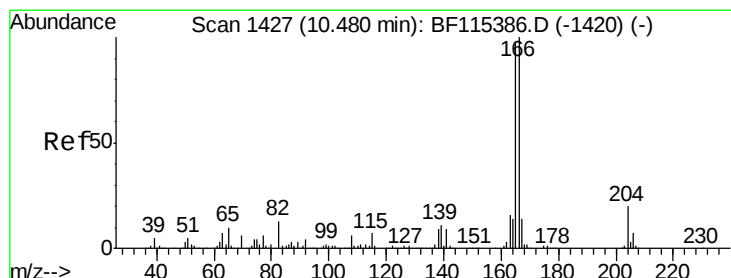
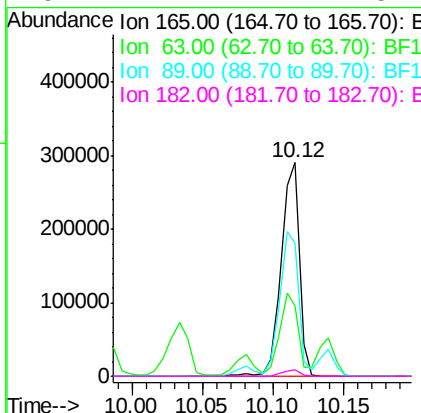
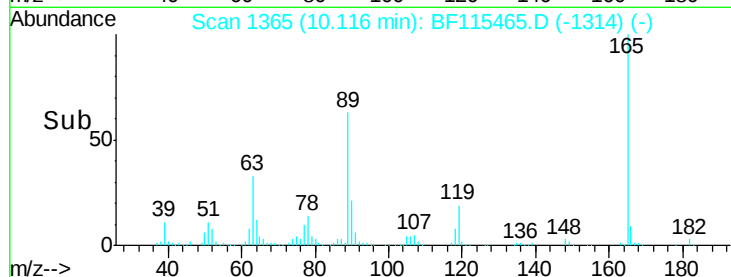
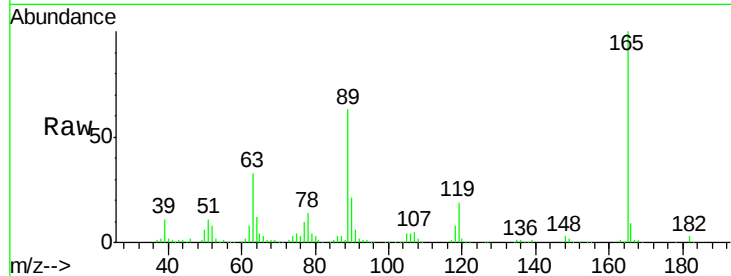
#57
 2,4-Dinitrotoluene
 Concen: 49.830 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	261271		
63	32.9	33.0	49.4#	
89	62.6	58.5	87.7	
182	2.7	2.1	3.1	

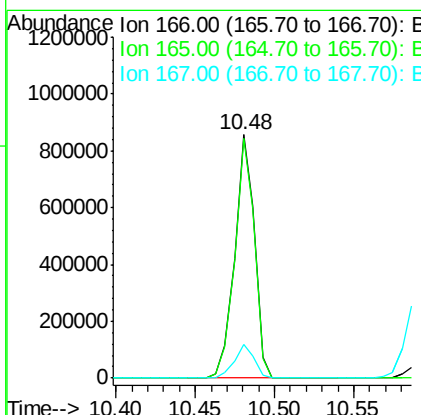
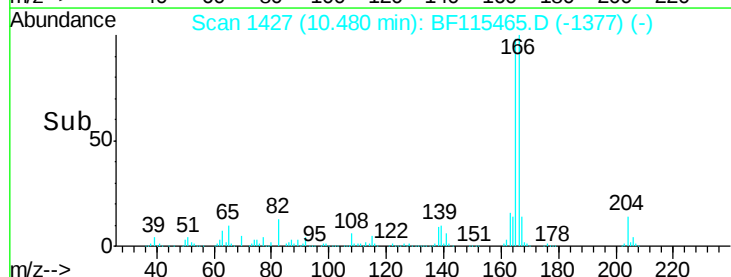
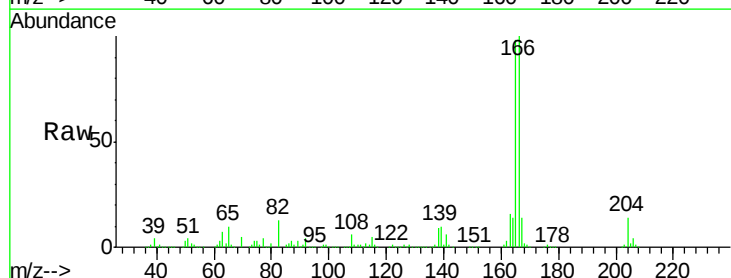
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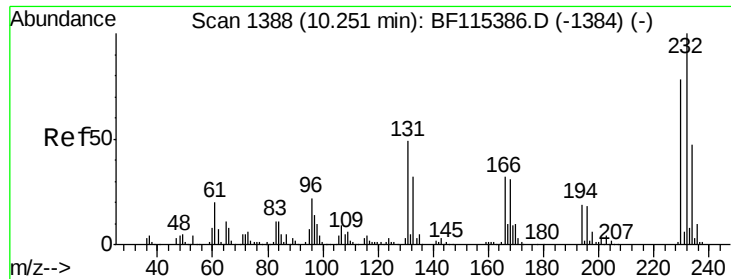
mohammad
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#58
 Fluorene
 Concen: 42.485 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	740274		
165	98.5	78.7	118.1	
167	13.9	10.8	16.2	





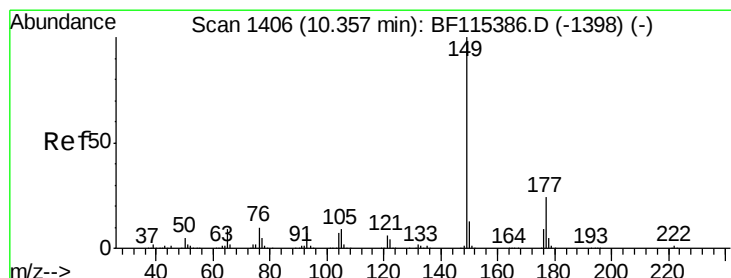
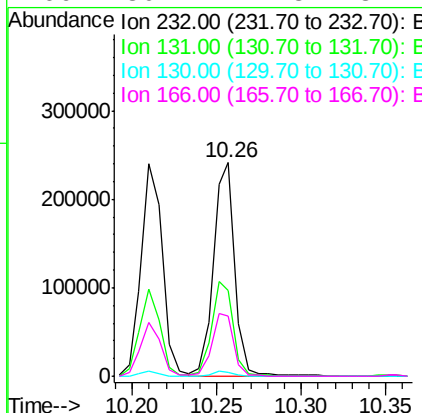
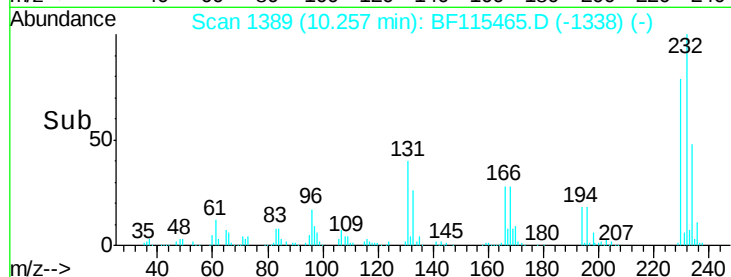
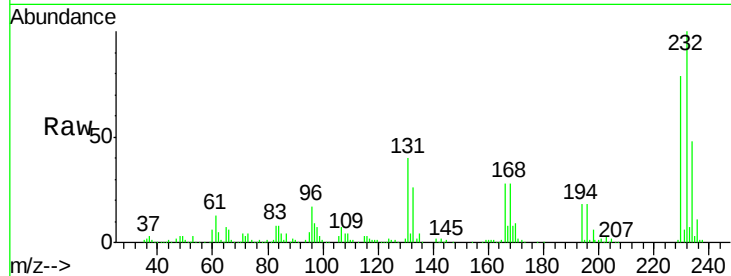
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.666 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	212387		
131	45.1	35.4	53.0	
130	2.1	1.7	2.5	
166	30.4	24.8	37.2	

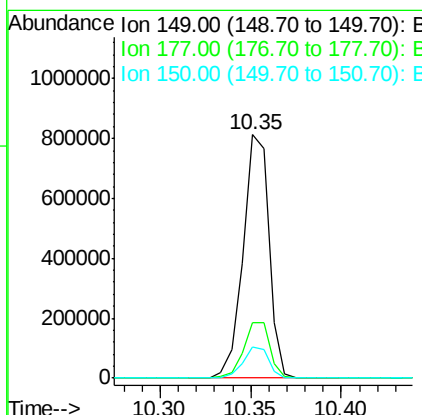
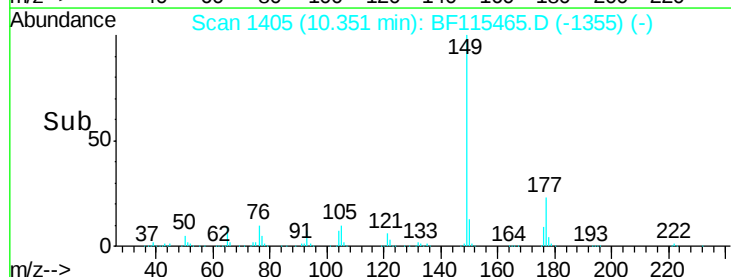
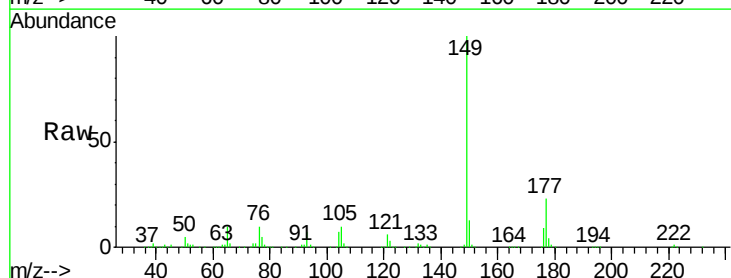
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#60
 Diethylphthalate
 Concen: 42.945 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	804126		
177	23.0	19.0	28.4	
150	12.6	10.4	15.6	





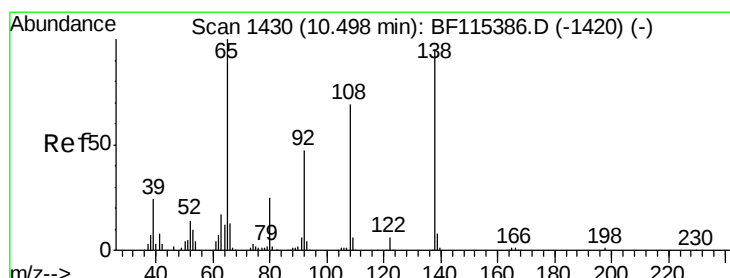
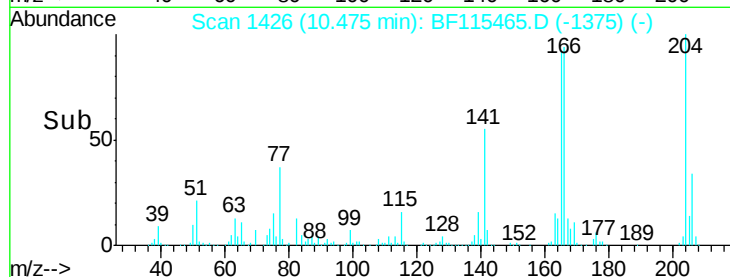
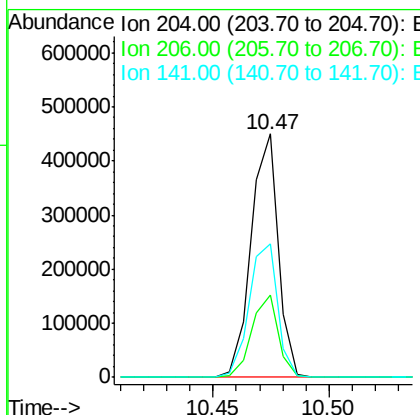
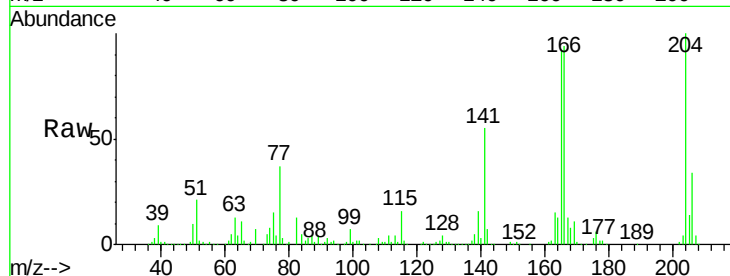
#61
 4-Chlorophenyl-phenylether
 Concen: 43.752 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.8	40.2
141	54.6	47.9	71.9

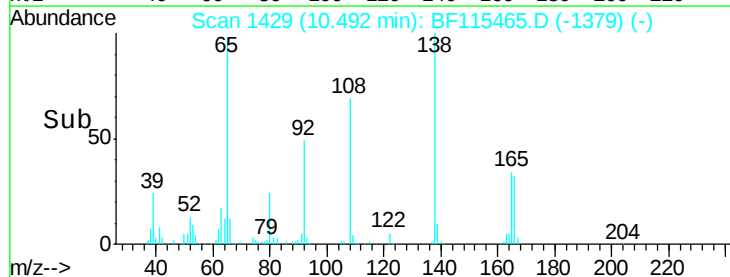
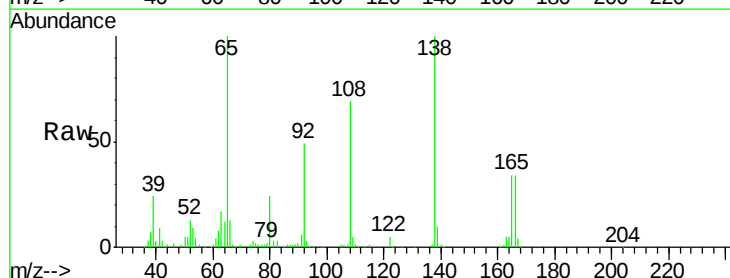
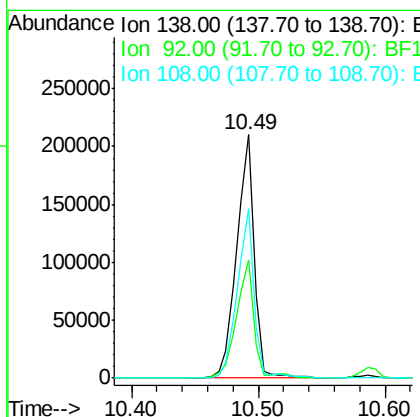
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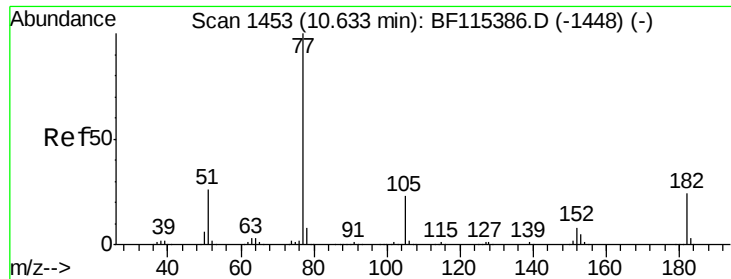
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#62
 4-Nitroaniline
 Concen: 42.665 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.9	69.9
108	69.4	49.0	89.0





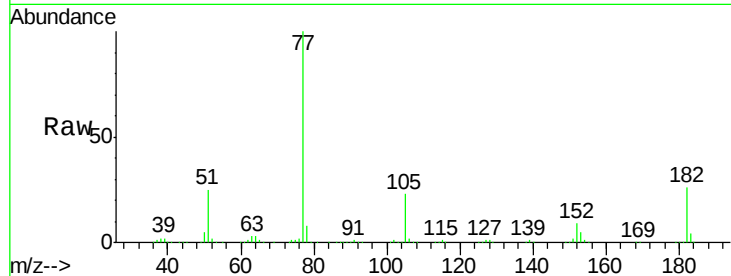
#63
Azobenzene
Concen: 41.523 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

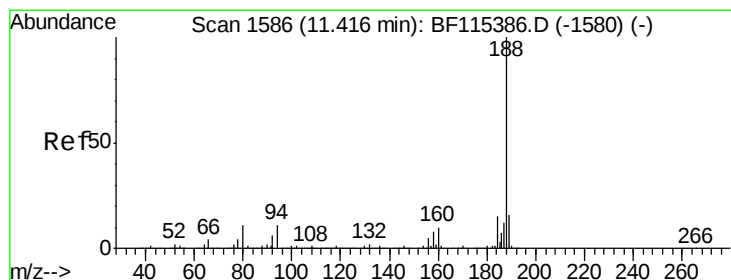
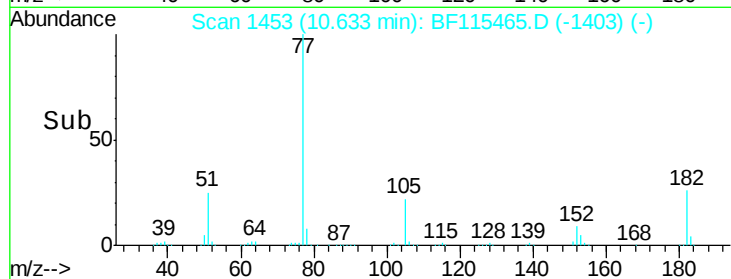
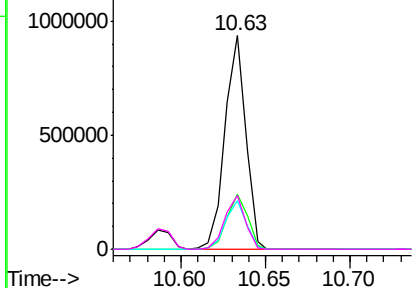
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	7.7	47.7
105	22.8	3.6	43.6
51	25.3	4.8	44.8

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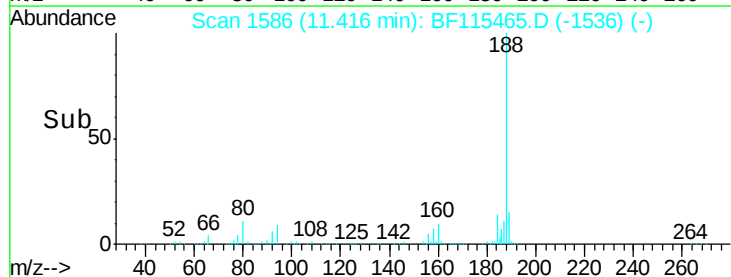
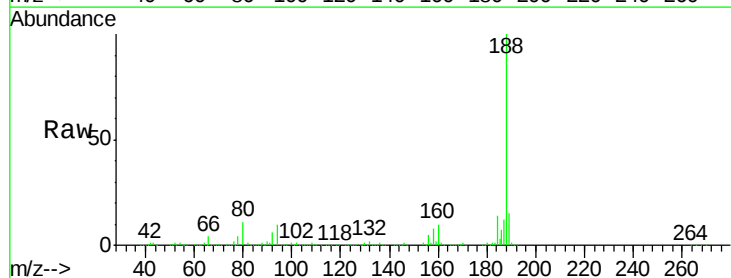
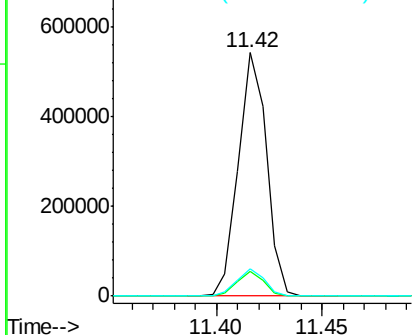
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.8
80	11.0	8.4	12.6

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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.661 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

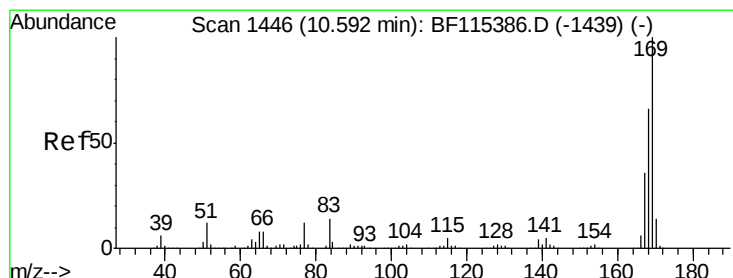
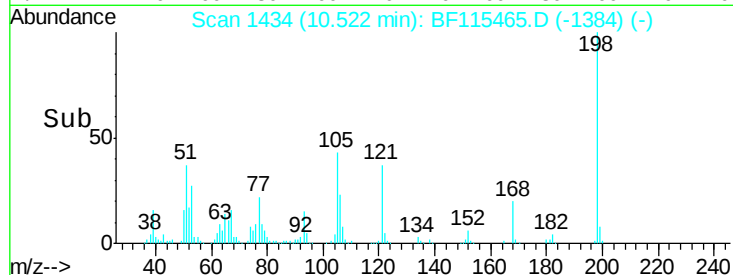
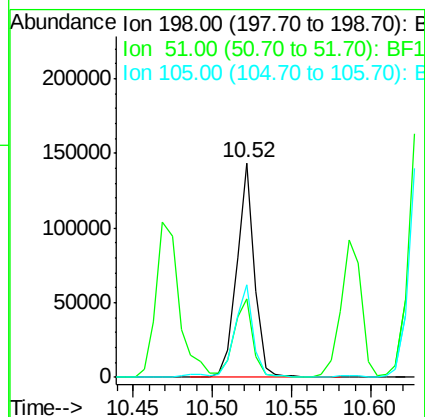
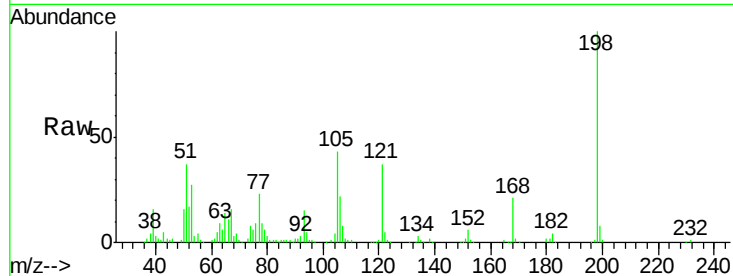
ClientSampleId :

TR-05-070819MS

Tgt Ion:	198	Resp:	111456
Ion Ratio	Lower	Upper	
198	100		
51	36.8	20.7	60.7
105	43.0	25.3	65.3

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#66

n-Nitrosodiphenylamine

Concen: 44.051 ng

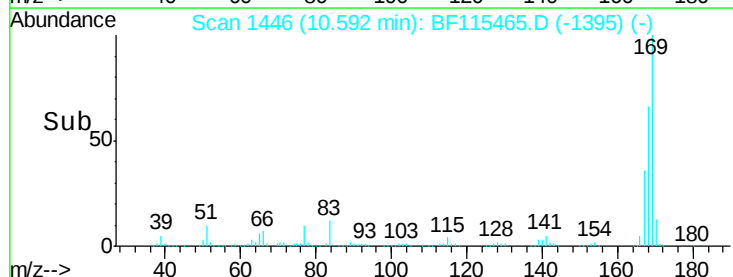
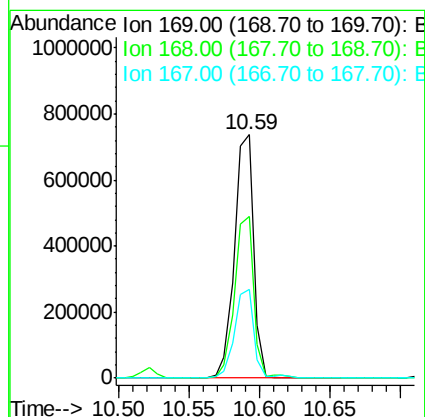
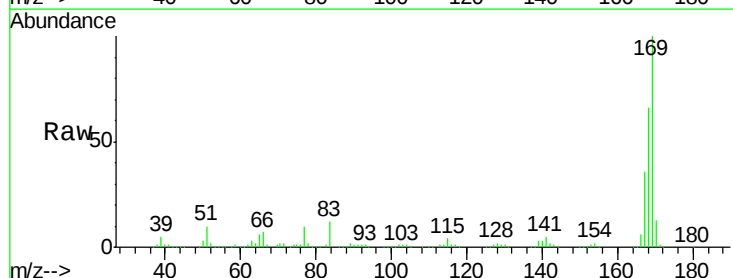
RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:	169	Resp:	696303
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.2	79.8
167	36.5	29.4	44.2





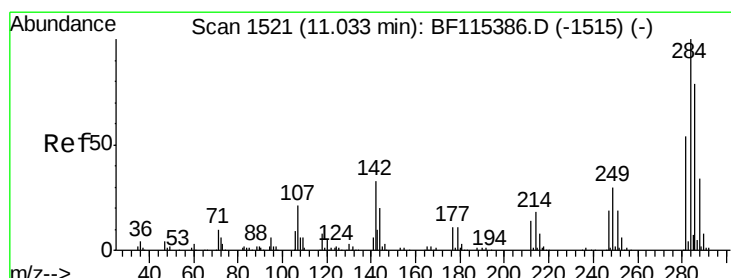
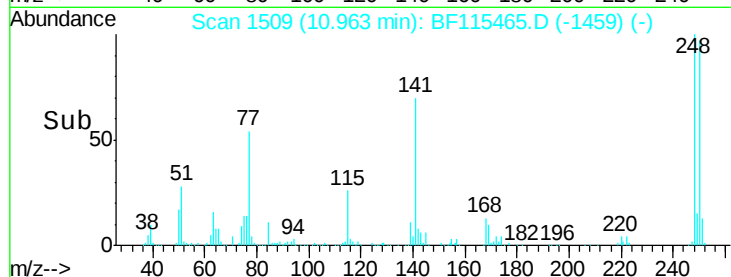
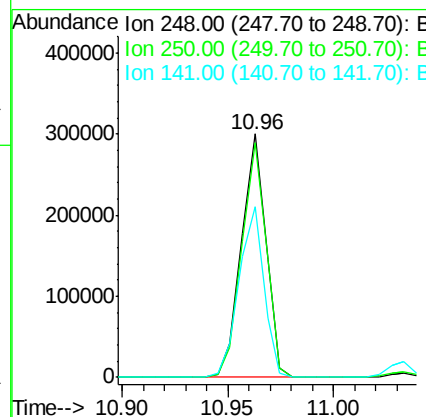
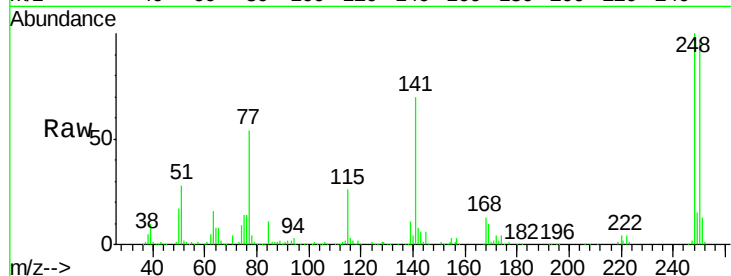
#67
 4-Bromophenyl-phenylether
 Concen: 42.661 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	240145		
250	96.6	78.3	117.5	
141	70.1	52.2	78.2	

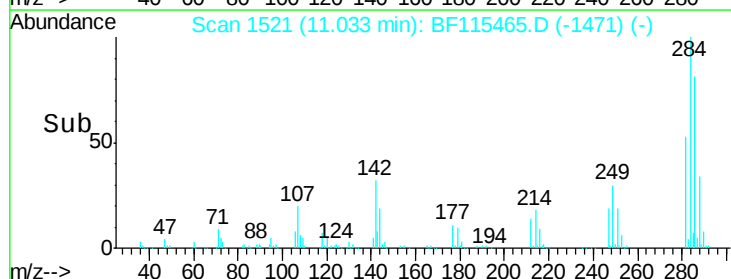
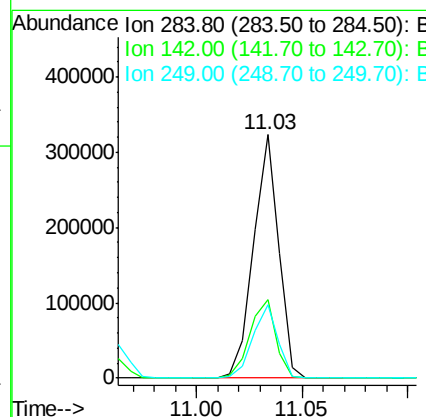
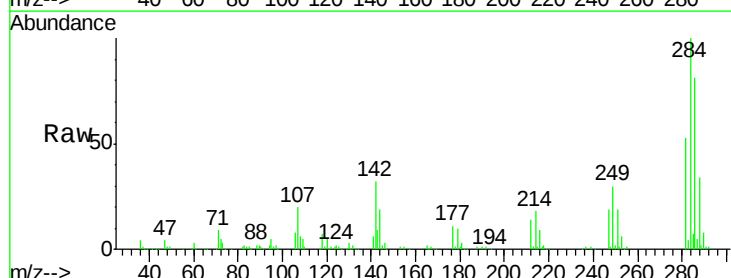
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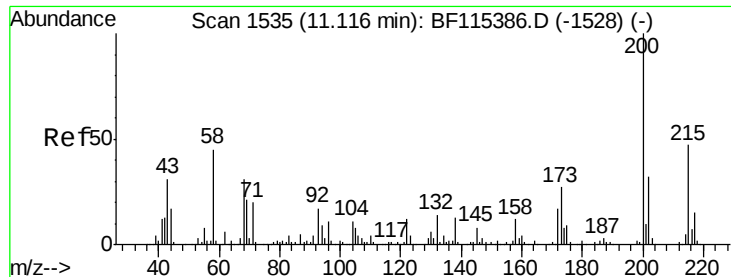
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#68
 Hexachlorobenzene
 Concen: 42.343 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	267462		
142	32.2	23.9	35.9	
249	30.1	23.6	35.4	





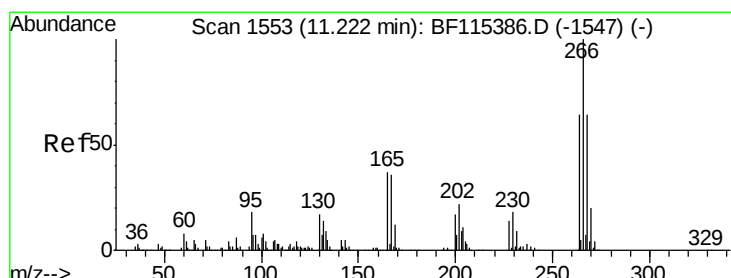
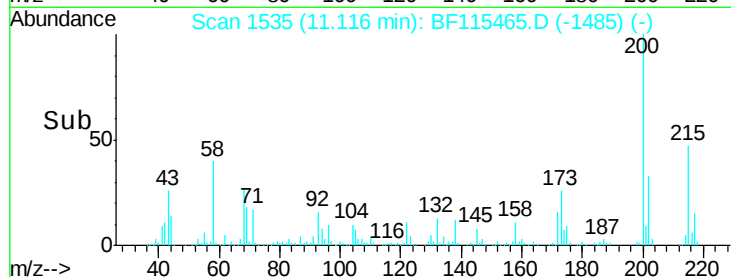
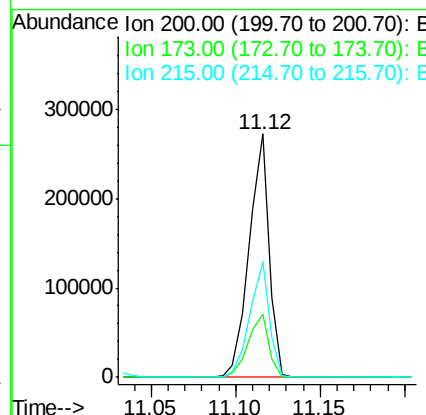
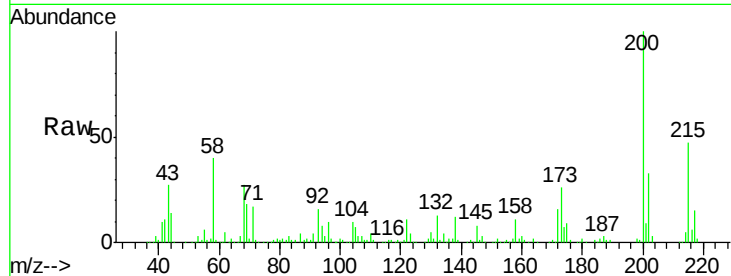
#69
 Atrazine
 Concen: 46.251 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	226251		
173	25.7	7.0	47.0	
215	47.4	27.8	67.8	

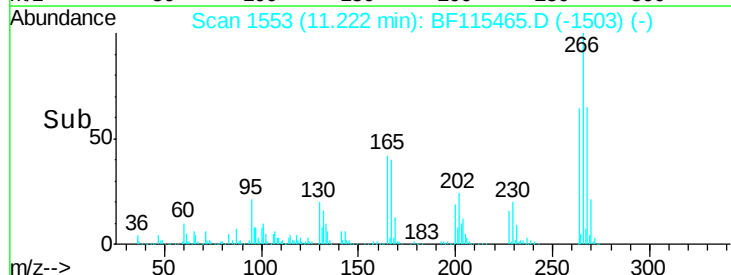
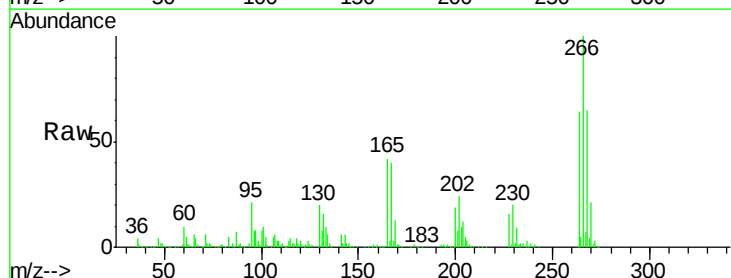
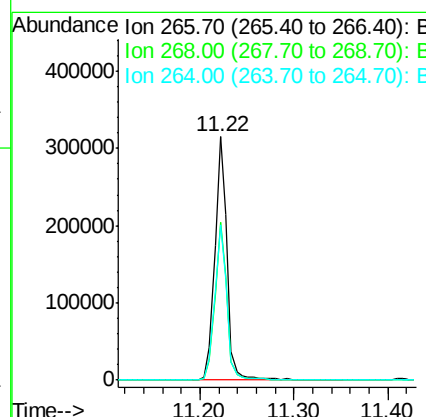
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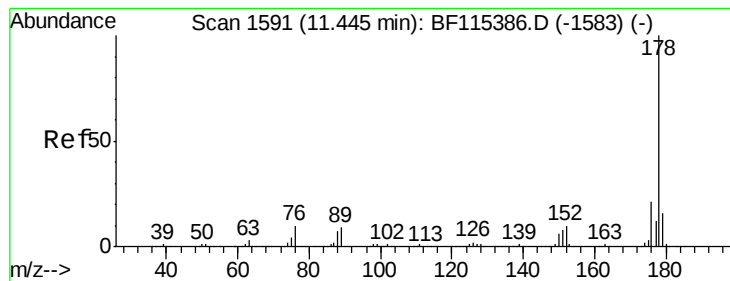
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#70
 Pentachlorophenol
 Concen: 76.124 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	293041		
268	65.1	51.2	76.8	
264	63.6	50.6	75.8	





#71

Phenanthrene

Concen: 44.480 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

ClientSampleId :

TR-05-070819MS

Tgt Ion:178 Resp: 1173575

Ion Ratio Lower Upper

178 100

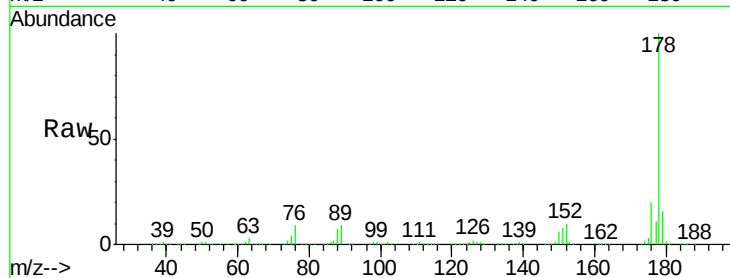
176 20.0 16.6 24.8

179 15.7 12.7 19.1

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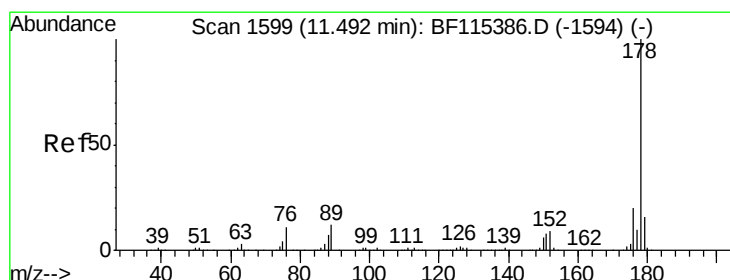
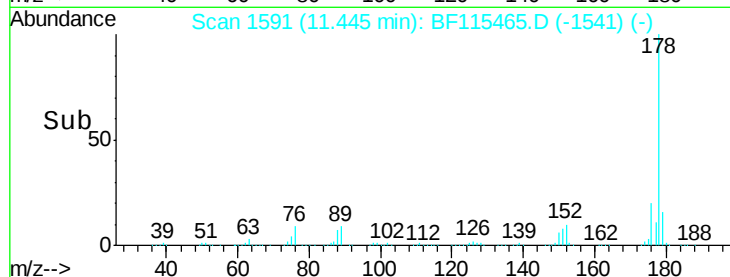
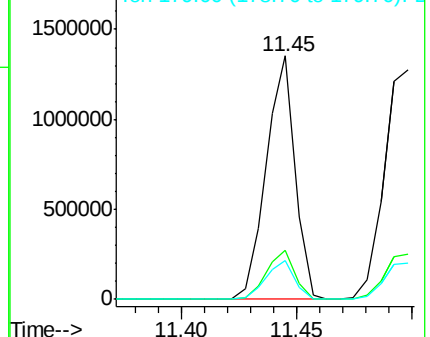
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.752 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion:178 Resp: 1210474

Ion Ratio Lower Upper

178 100

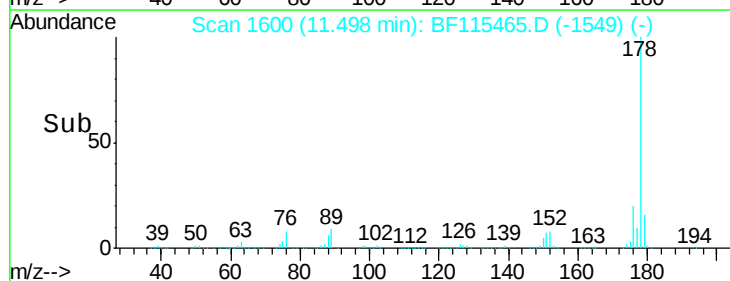
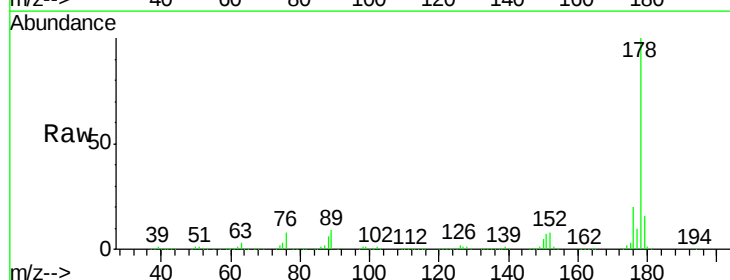
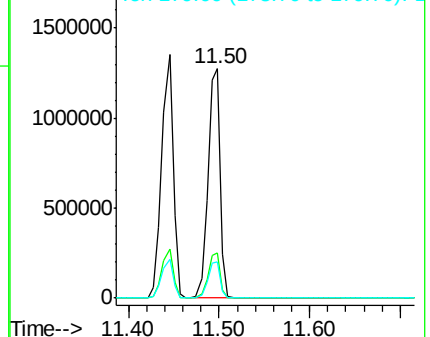
176 19.6 15.8 23.6

179 15.7 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





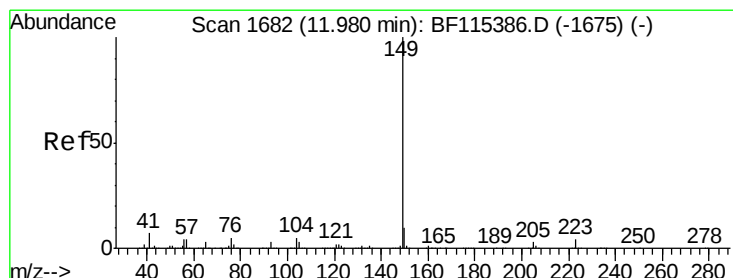
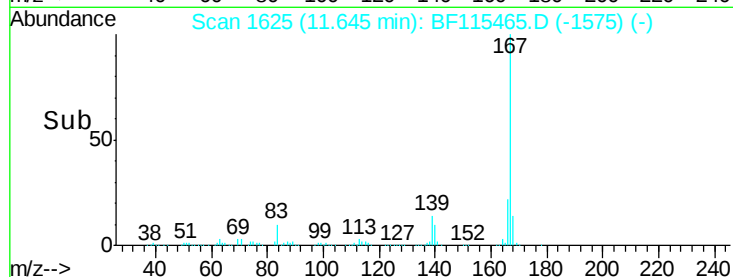
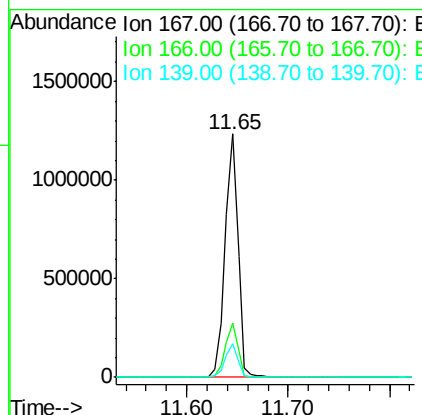
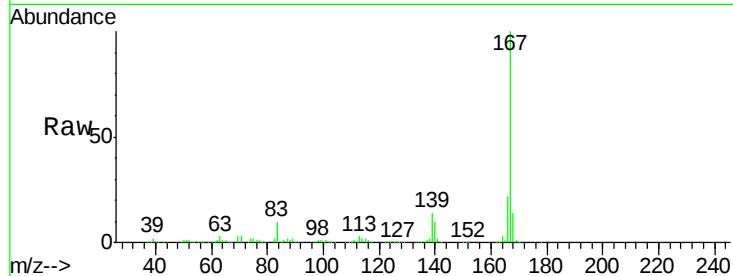
#73
 Carbazole
 Concen: 45.110 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion:167 Resp: 1091846
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.6 10.9 16.3

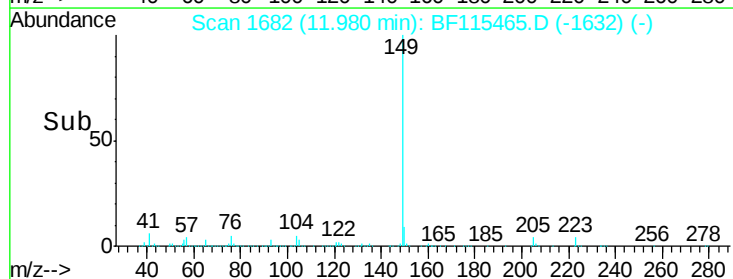
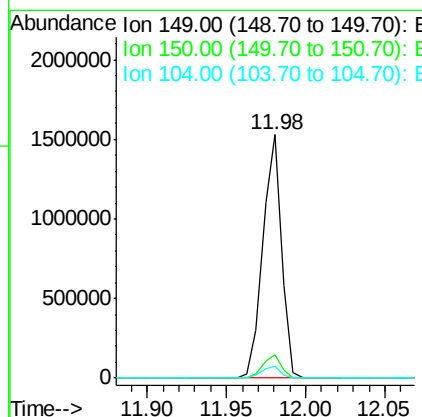
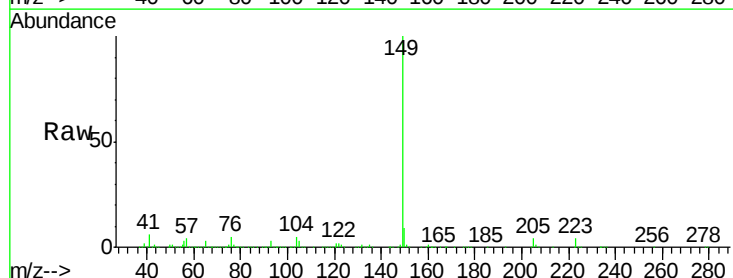
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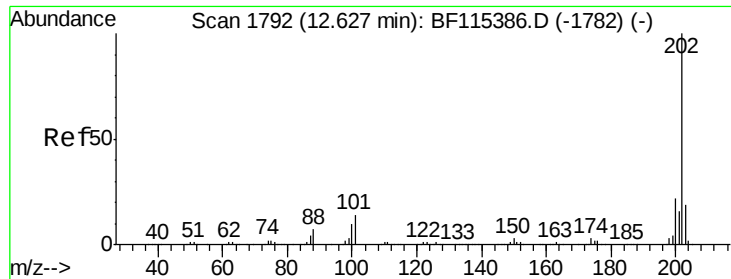
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#74
 Di-n-butylphthalate
 Concen: 43.313 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion:149 Resp: 1267015
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.9 3.9 5.9





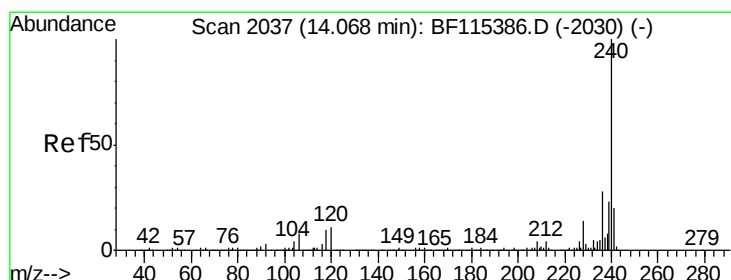
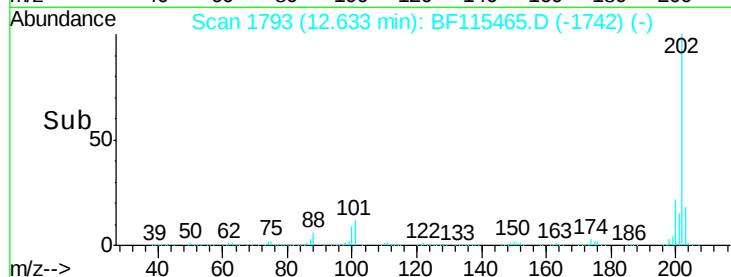
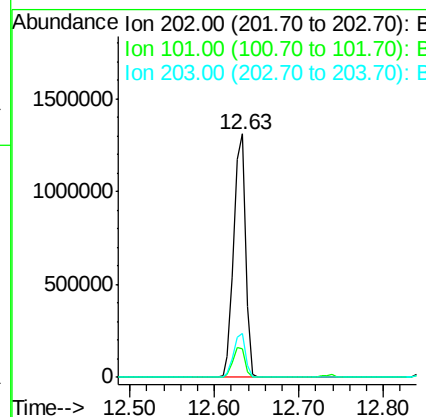
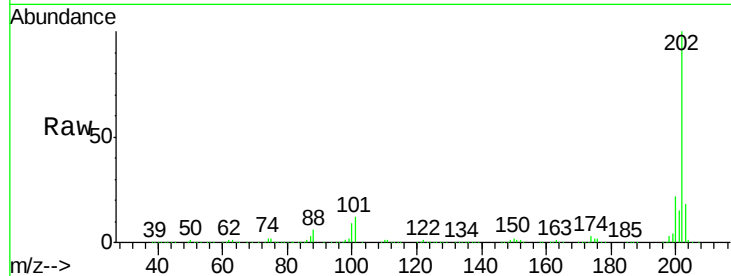
#75
 Fluoranthene
 Concen: 45.420 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1261781		
101	11.6	0.0	33.9	
203	18.0	0.0	38.4	

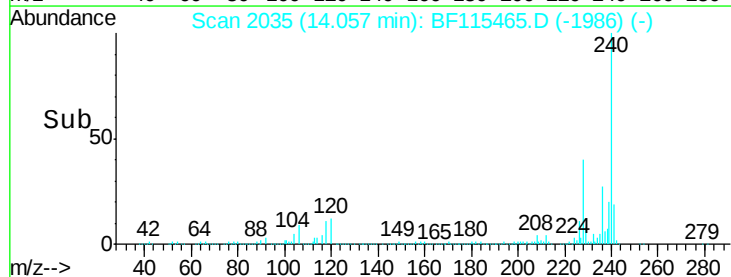
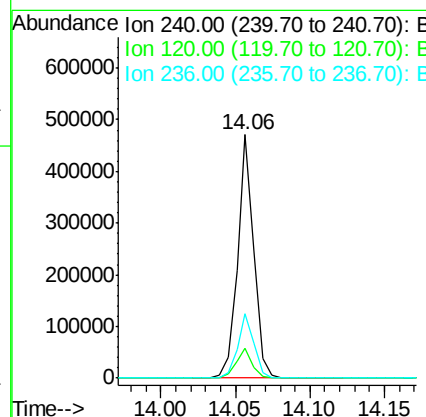
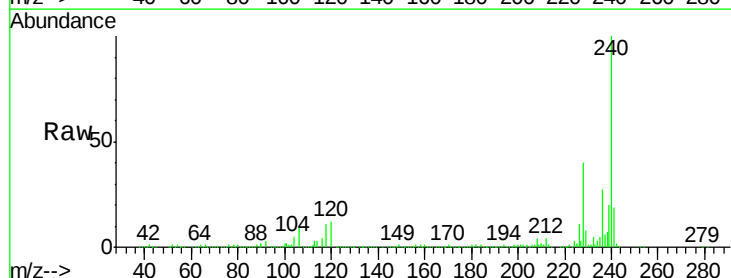
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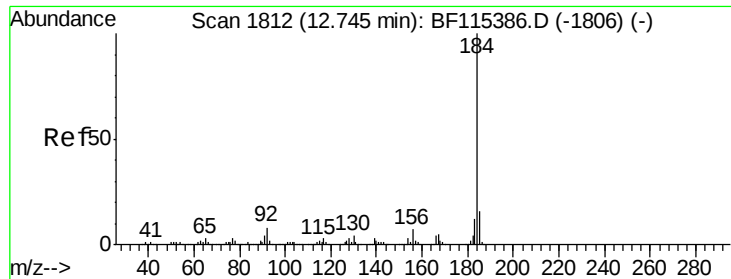
mohammad
 7/11/2019 5:22:12 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	359941		
120	12.1	10.2	15.4	
236	26.7	21.1	31.7	





#77

Benzidine

Concen: 9.126 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

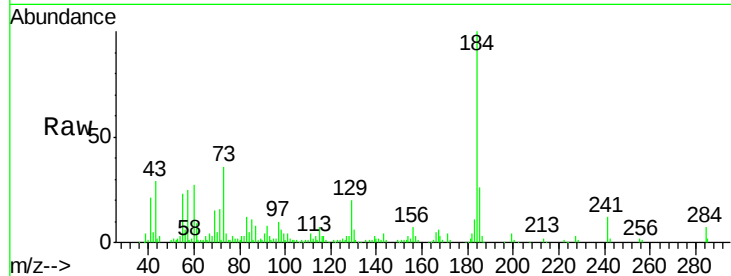
ClientSampleId :

TR-05-070819MS

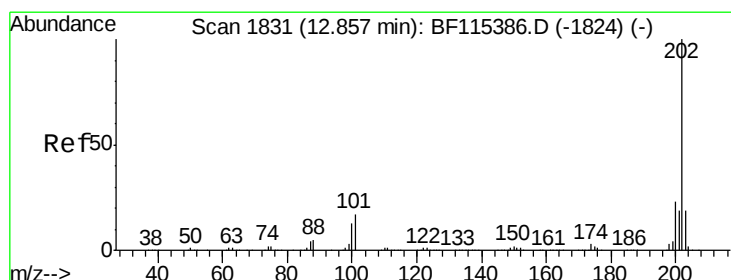
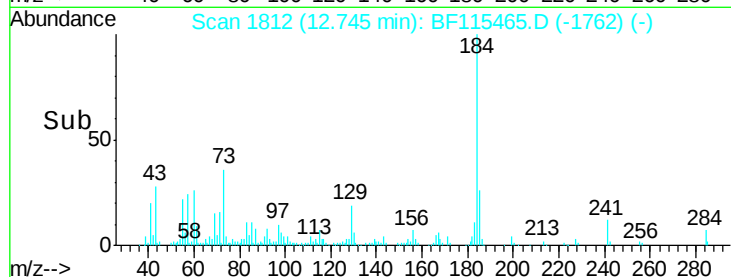
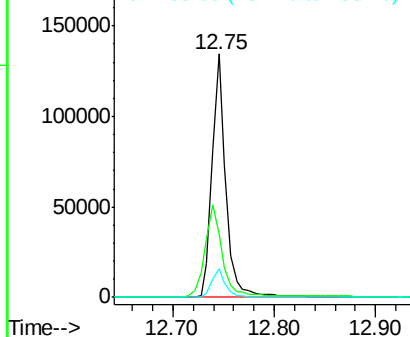
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	128091		
185	25.9	13.0	19.6	
183	11.5	9.7	14.5	

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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: 45.137 ng

RT: 12.86 min Scan# 1832

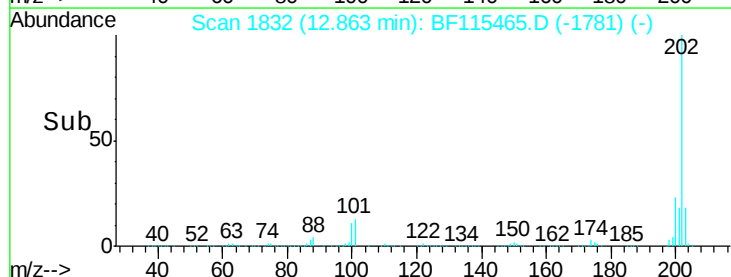
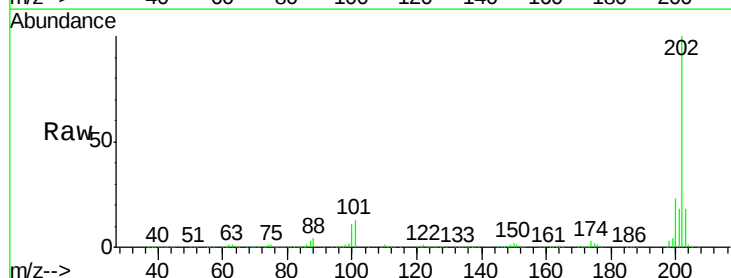
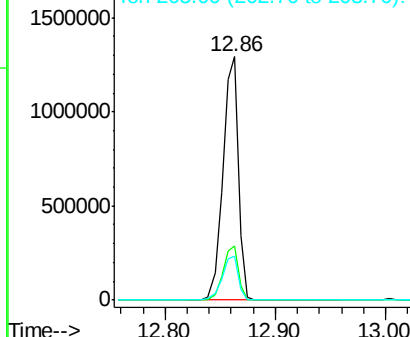
Delta R.T. 0.00 min

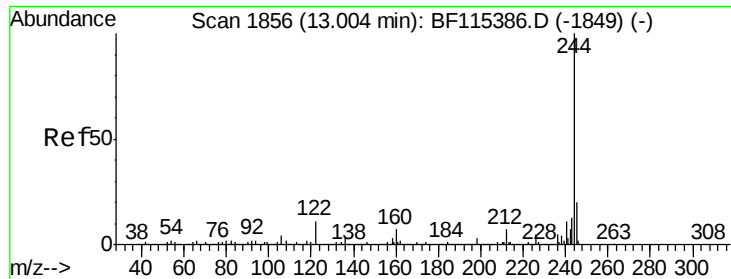
Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1263427		
200	22.5	17.6	26.4	
203	18.0	14.7	22.1	

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





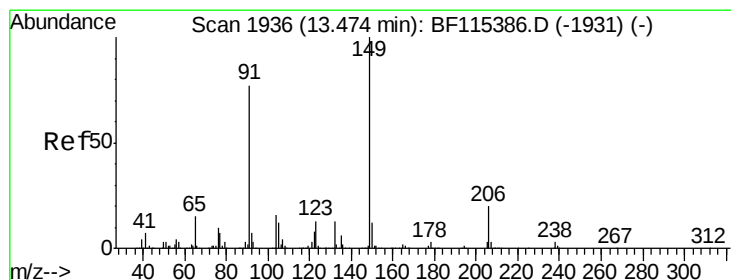
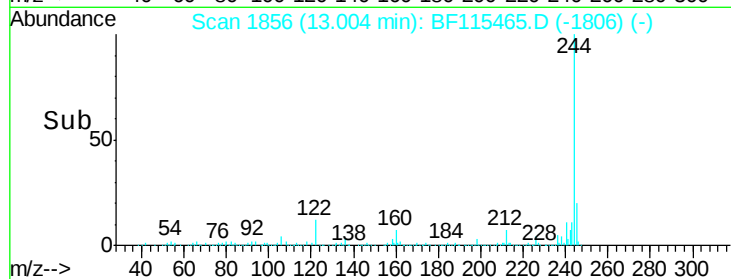
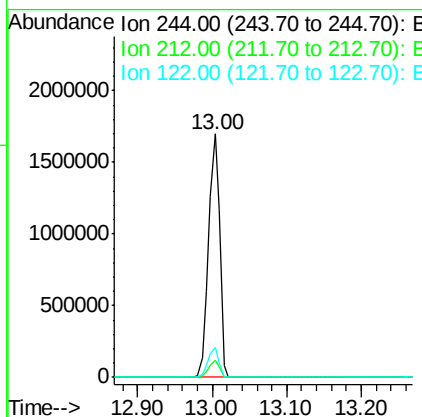
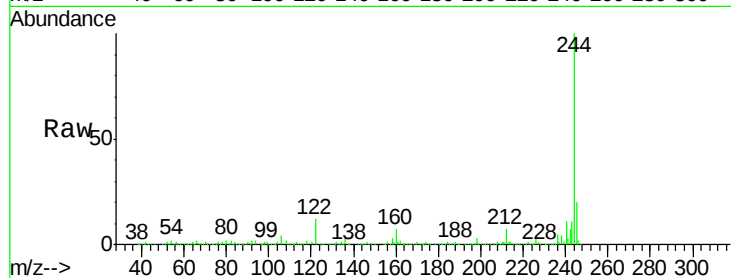
#79
 Terphenyl-d14
 Concen: 100.489 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-070819MS

Tgt Ion:244 Resp: 1766543
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.0 9.1 13.7

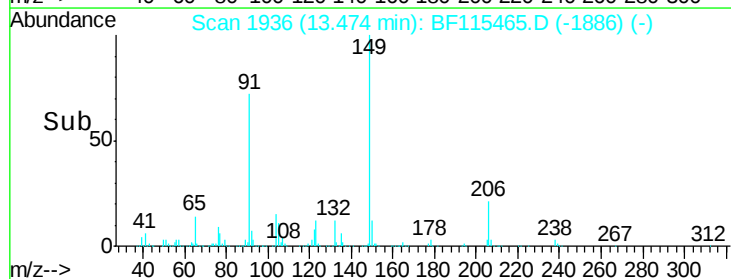
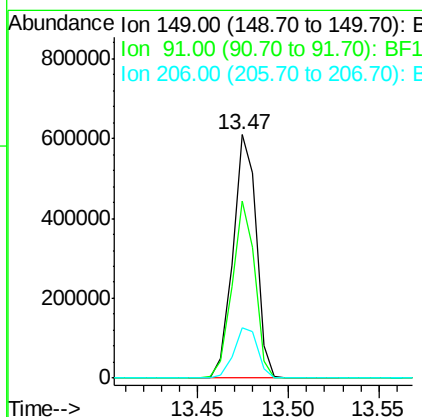
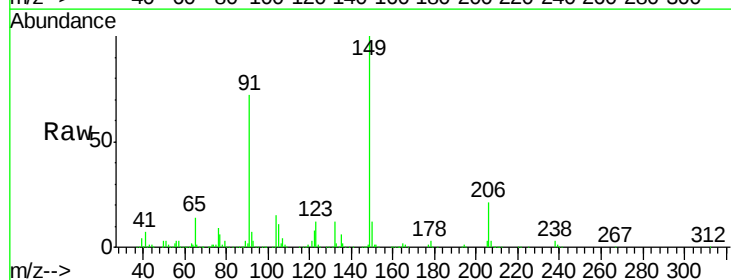
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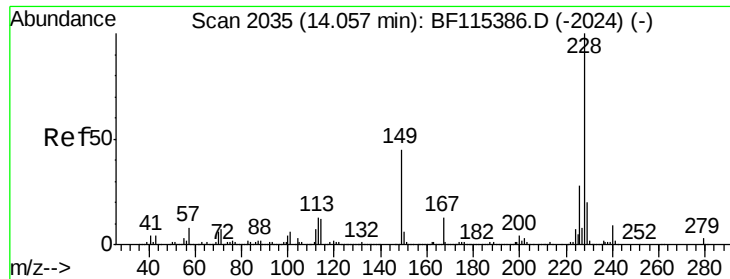
mohammad
 7/11/2019 5:22:12 PM



#80
 Butylbenzylphthalate
 Concen: 44.563 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115465.D
 Acq: 10 Jul 2019 19:56

Tgt Ion:149 Resp: 544997
 Ion Ratio Lower Upper
 149 100
 91 72.5 57.8 86.6
 206 20.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 44.260 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

Instrument :

BNA_F

ClientSampleId :

TR-05-070819MS

Tgt Ion: 228 Resp: 1020763

Ion Ratio Lower Upper

228 100

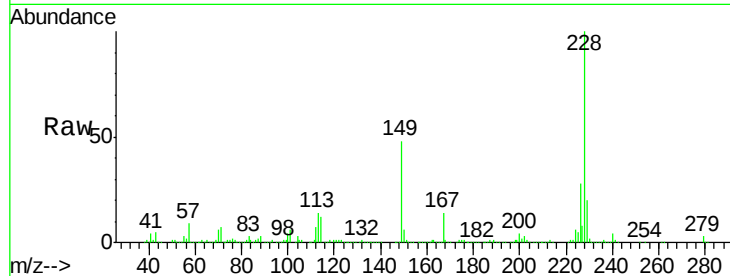
226 28.0 22.6 34.0

229 20.1 16.4 24.6

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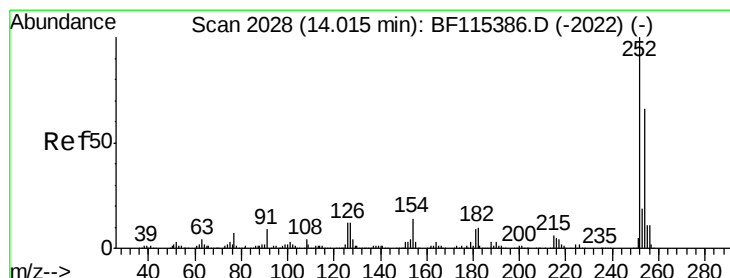
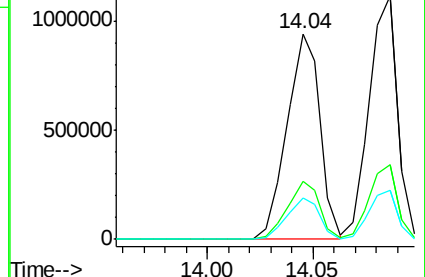
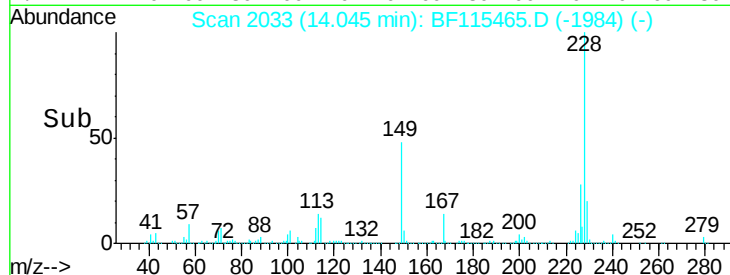
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.724 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115465.D

Acq: 10 Jul 2019 19:56

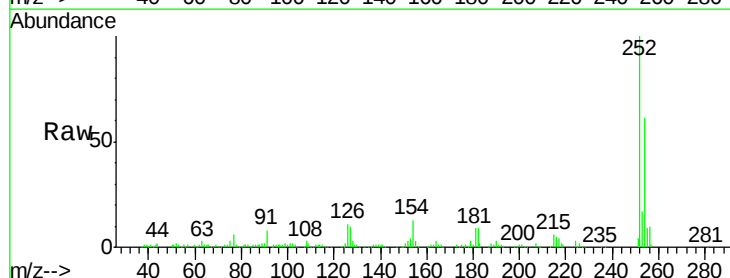
Tgt Ion: 252 Resp: 114848

Ion Ratio Lower Upper

252 100

254 61.2 52.9 79.3

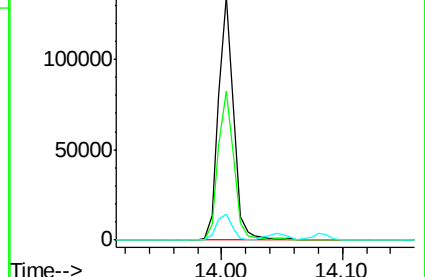
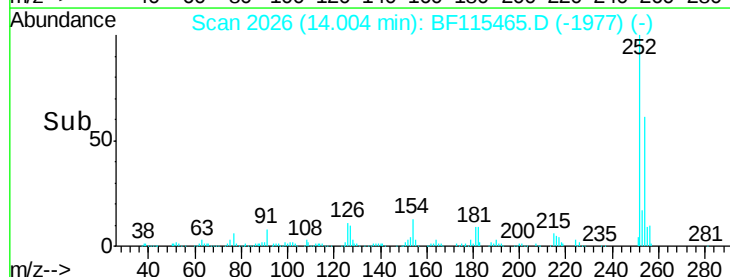
126 10.8 10.0 15.0

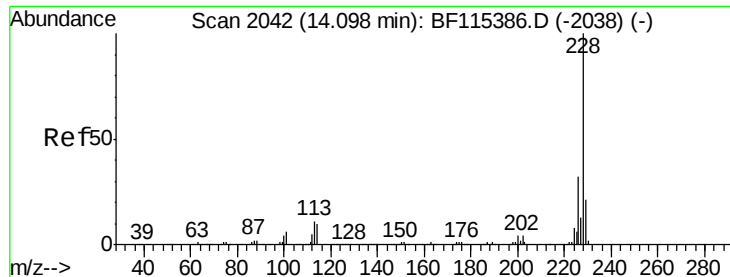


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





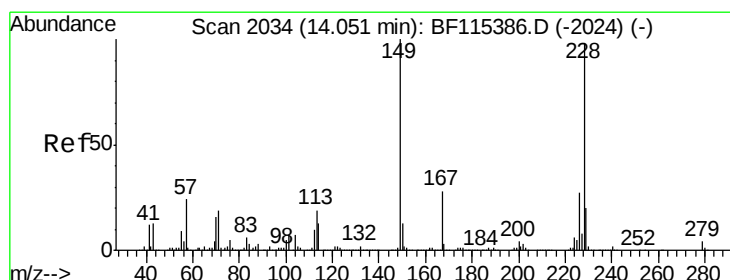
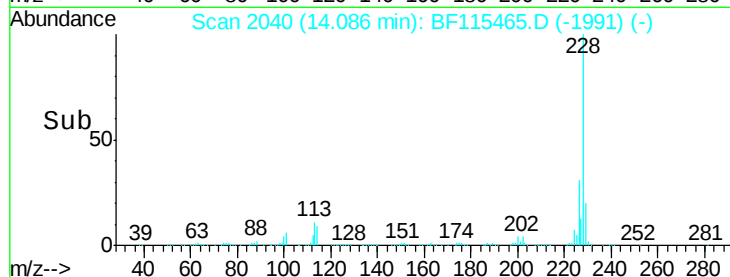
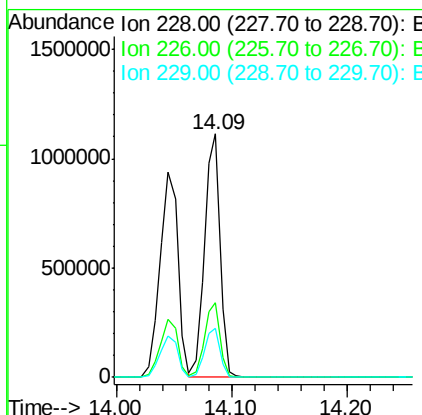
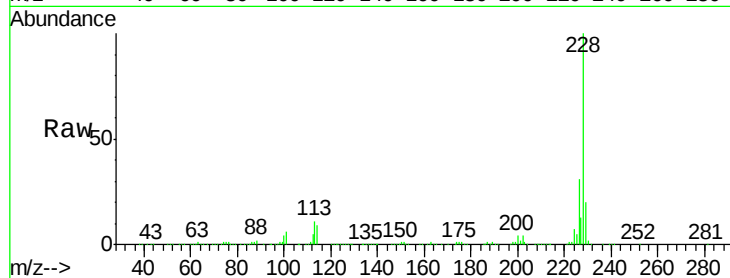
#83
Chrysene
Concen: 44.064 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion: 228 Resp: 1044155
Ion Ratio Lower Upper
228 100
226 30.9 25.1 37.7
229 20.1 16.1 24.1

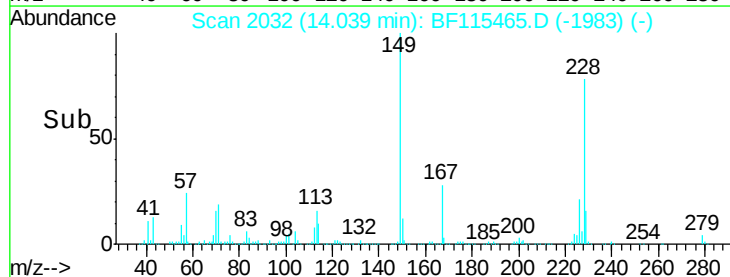
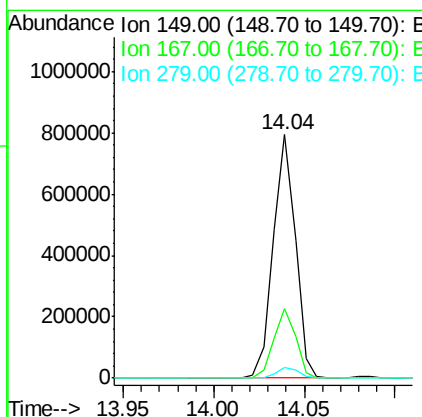
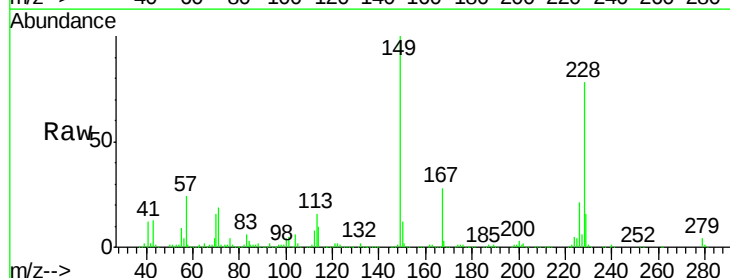
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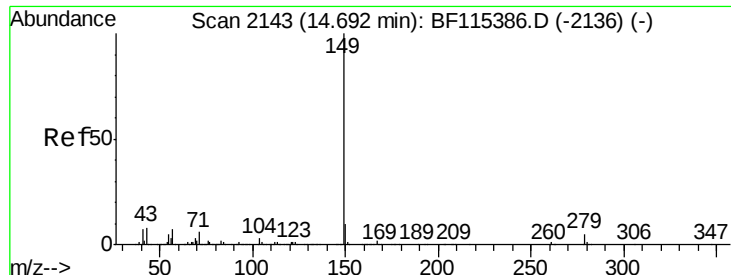
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.527 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion: 149 Resp: 674380
Ion Ratio Lower Upper
149 100
167 28.4 22.6 34.0
279 4.2 3.8 5.6





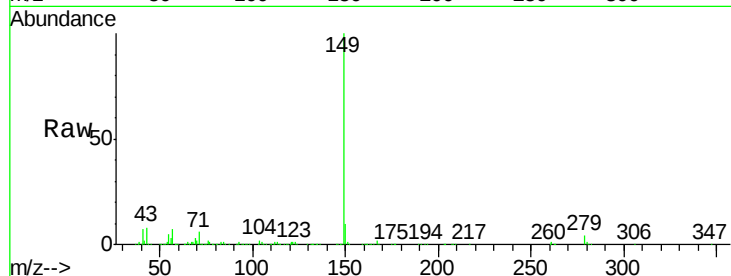
#85
Di-n-octyl phthalate
Concen: 43.073 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

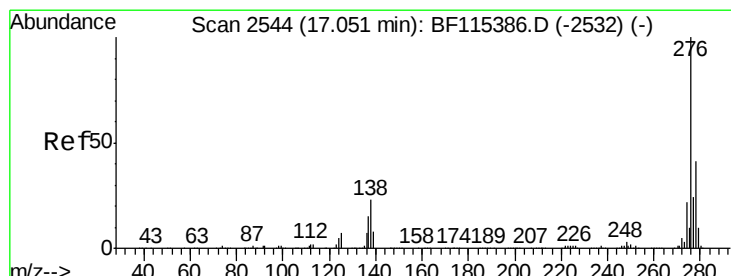
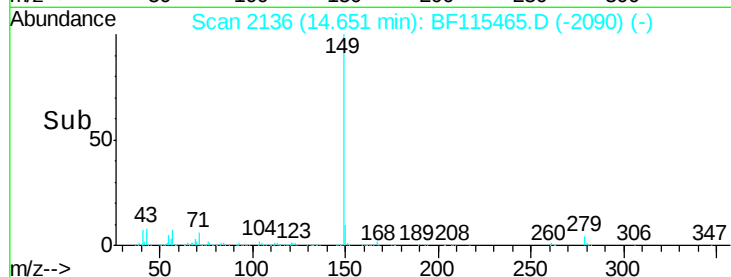
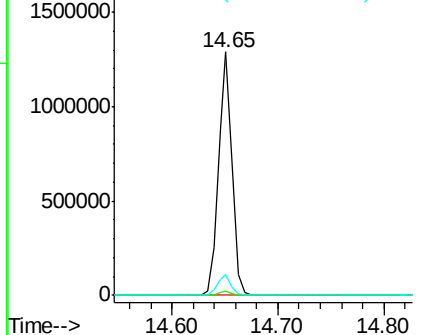
Tgt Ion:149 Resp: 1161342
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.0 10.6

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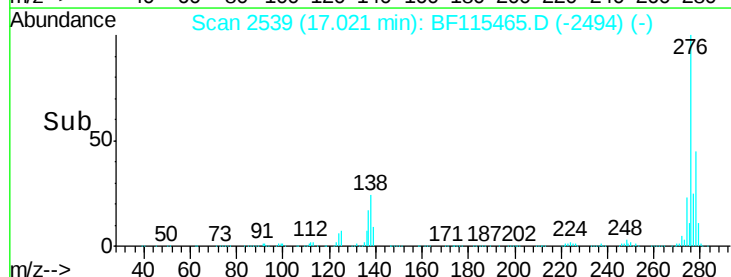
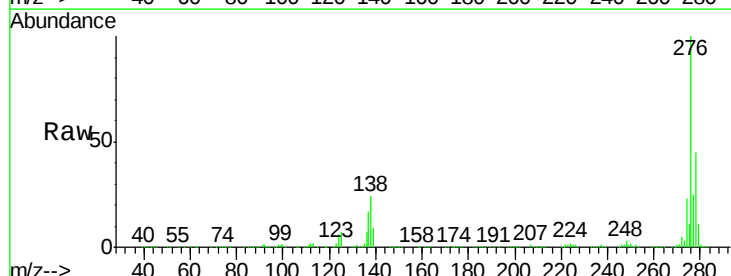
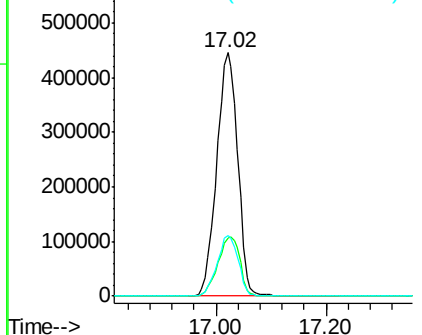
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

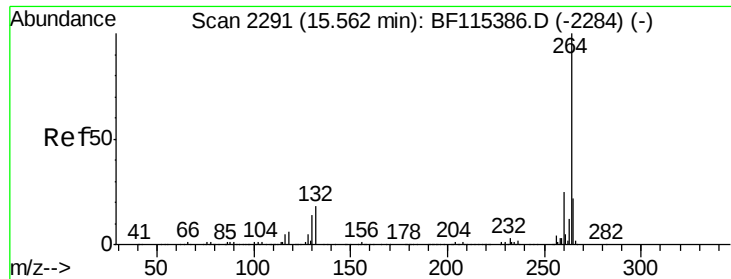


#86
Indeno(1,2,3-cd)pyrene
Concen: 63.408 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion:276 Resp: 1183822
Ion Ratio Lower Upper
276 100
138 25.6 20.6 31.0
277 25.1 20.2 30.2

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





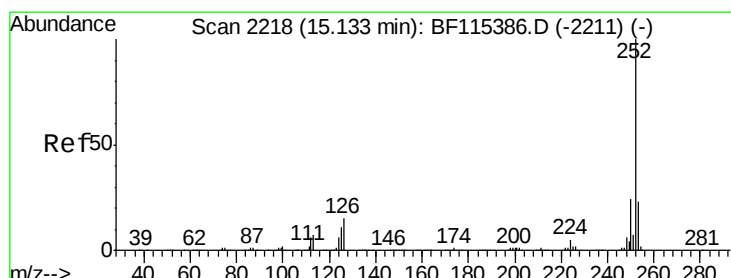
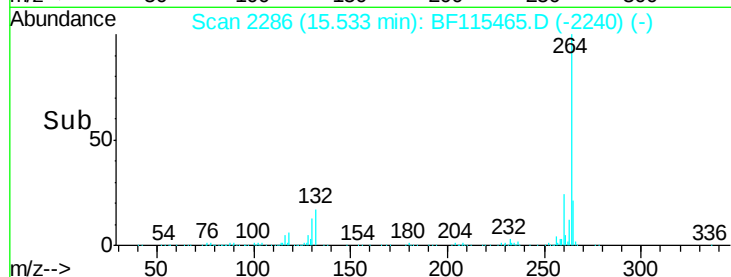
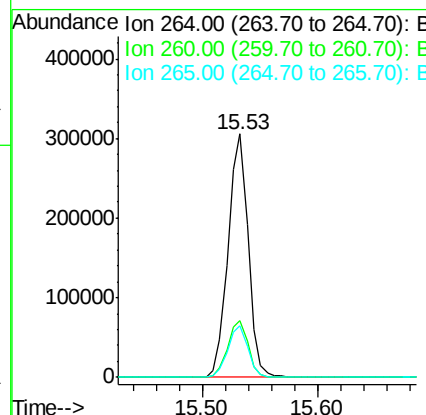
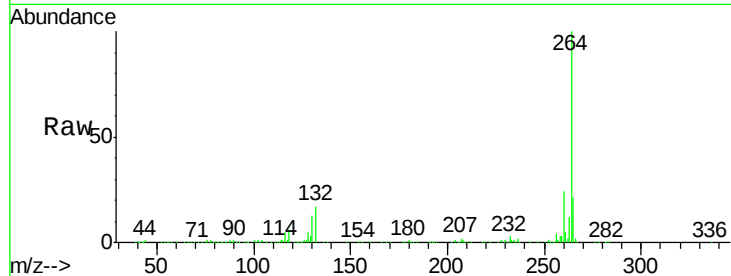
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.1	30.1
265	21.3	17.8	26.6

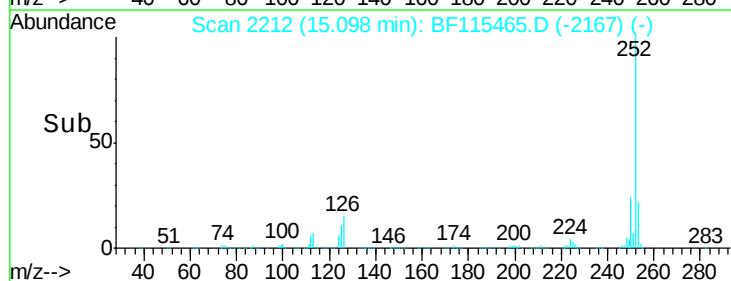
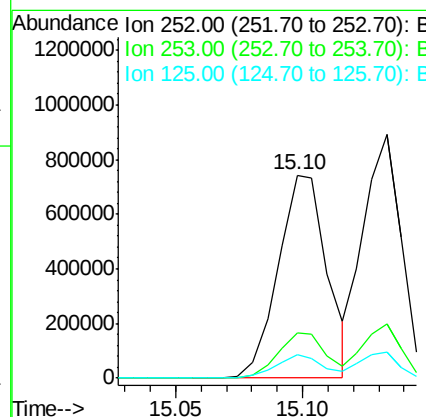
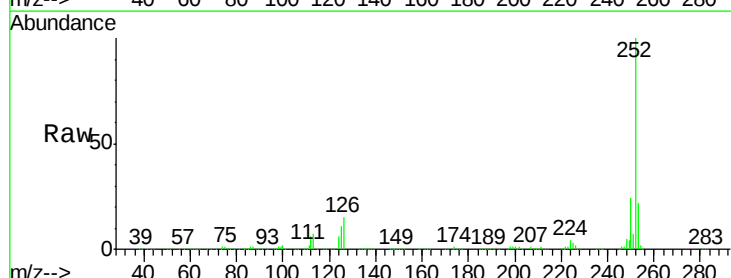
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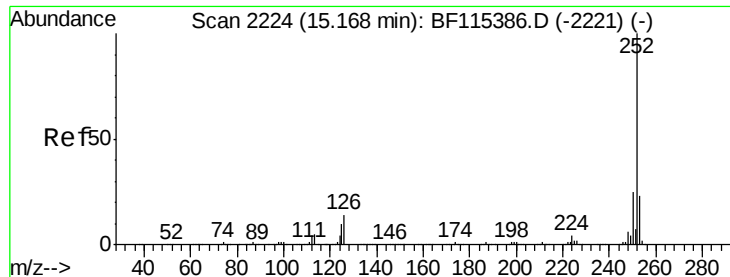
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#88
Benzo(b)fluoranthene
Concen: 41.509 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.4	8.5	12.7





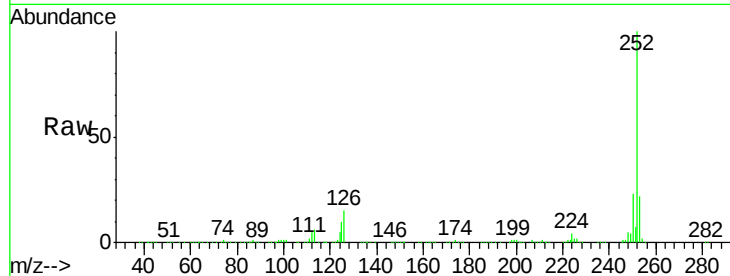
#89
Benzo(k)fluoranthene
Concen: 43.947 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

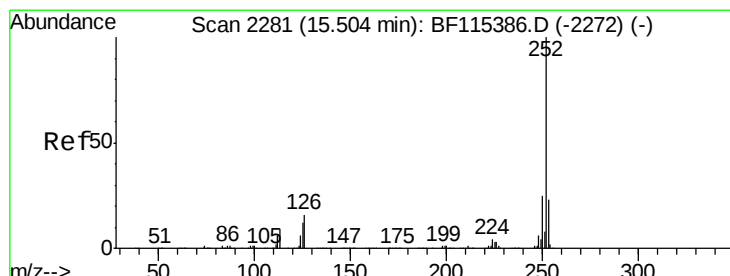
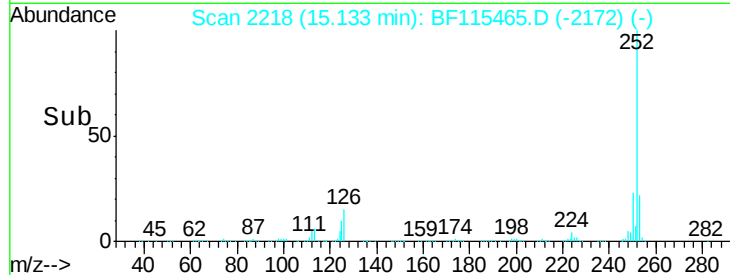
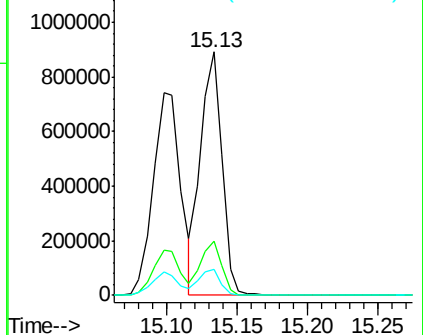
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.4	8.6	13.0

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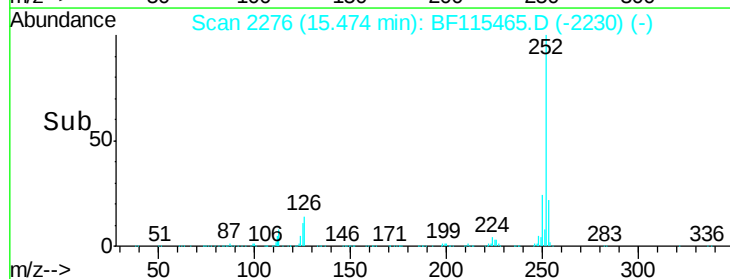
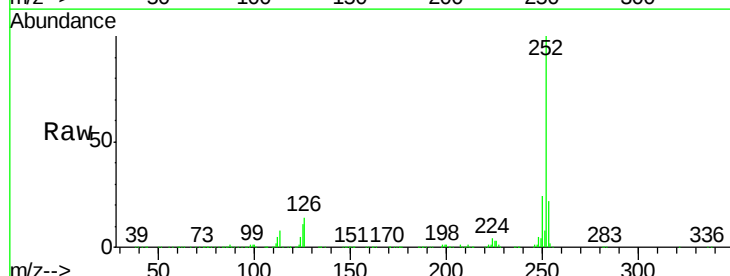
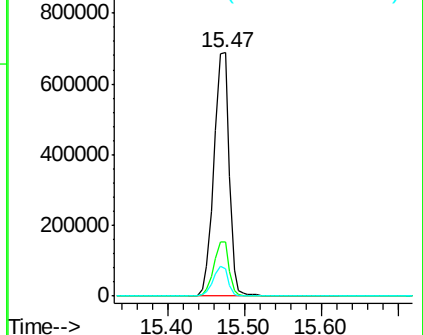
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

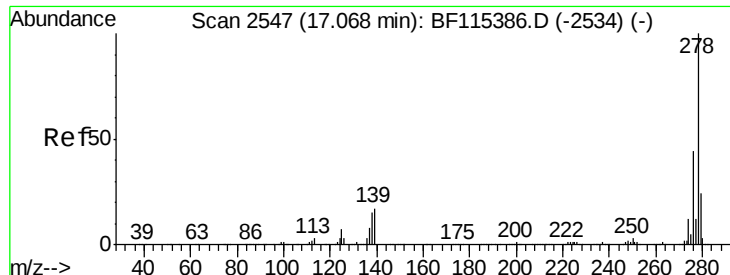


#90
Benzo(a)pyrene
Concen: 45.106 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	9.7	14.5

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





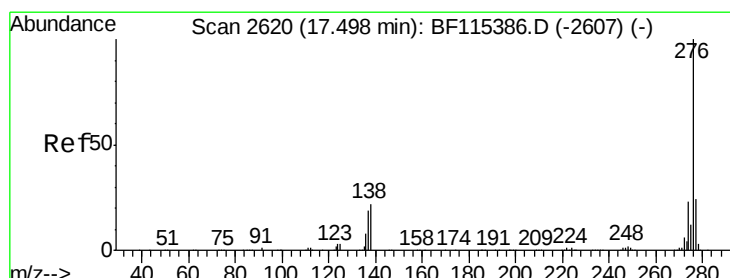
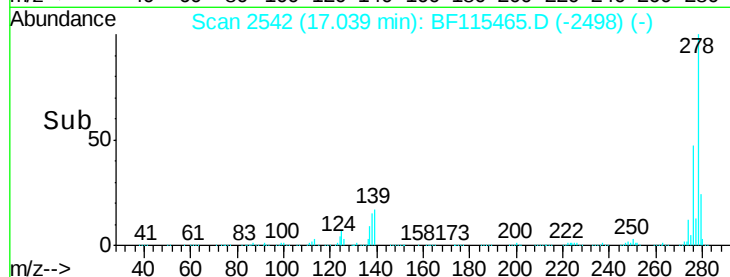
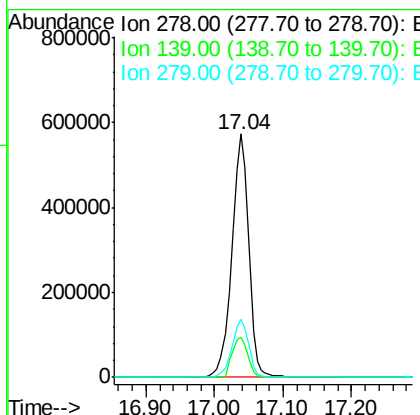
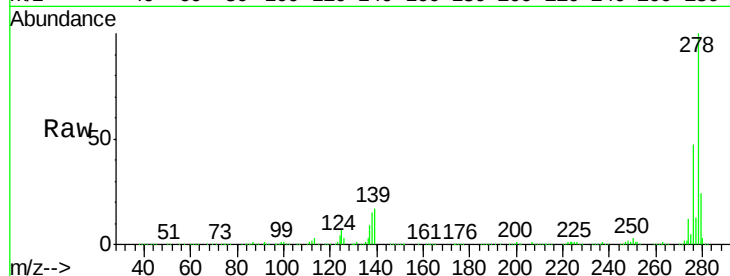
#91
Dibenzo(a,h)anthracene
Concen: 55.049 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.6
279	24.0	19.4	29.2

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:12 PM



#92
Benzo(g,h,i)perylene
Concen: 60.432 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF115465.D
Acq: 10 Jul 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.8	17.8	26.8

