

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115478.D
 Acq On : 11 Jul 2019 1:41
 Operator : HP/JU
 Sample : K3687-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Manual Integrations
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mohammad
 7/11/2019 5:22:33 PM

Quant Time: Jul 11 08:00:40 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	130571	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	509634	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	247905	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	467497	20.00	ng	0.00
76) Chrysene-d12	14.06	240	329986	20.00	ng	-0.01
87) Perylene-d12	15.54	264	410566	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	917632	108.58	ng	0.00
7) Phenol-d6	6.52	99	1217705	113.30	ng	0.00
23) Nitrobenzene-d5	7.46	82	750200	86.97	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	336369	122.72	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1289769	91.29	ng	0.00
79) Terphenyl-d14	13.00	244	1298172	80.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	110769	26.722	ng	99
3) Pyridine	3.46	79	287905	25.118	ng	99
4) n-Nitrosodimethylamine	3.39	42	123317	26.531	ng	97
6) Aniline	6.56	93	249852	16.473	ng	97
8) 2-Chlorophenol	6.68	128	318971	33.426	ng	98
9) Benzaldehyde	6.44	77	173882	25.750	ng	97
10) Phenol	6.53	94	407121	31.659	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	297957	31.233	ng	98
12) 1,3-Dichlorobenzene	6.84	146	341685	32.683	ng	98
13) 1,4-Dichlorobenzene	6.91	146	345129	32.957	ng	98
14) 1,2-Dichlorobenzene	7.07	146	324322	33.451	ng	99
15) Benzyl Alcohol	7.03	79	288038	33.397	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	386613	28.983	ng	98
17) 2-Methylphenol	7.15	107	269779	33.000	ng	99
18) Hexachloroethane	7.41	117	117002	29.992	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	219345	30.165	ng	95
20) 3+4-Methylphenols	7.29	107	335622	34.755	ng	97
22) Acetophenone	7.30	105	440093	36.038	ng	# 98
24) Nitrobenzene	7.47	77	343996	35.313	ng	98
25) Isophorone	7.72	82	617597	33.033	ng	99
26) 2-Nitrophenol	7.79	139	169025	42.204	ng	96
27) 2,4-Dimethylphenol	7.83	122	277361	36.319	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	380157	32.974	ng	98
29) 2,4-Dichlorophenol	8.03	162	275959	36.280	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	295342	34.878	ng	99
31) Naphthalene	8.20	128	919464	36.323	ng	99
32) Benzoic acid	7.88	122	26346	10.182	ng	98
33) 4-Chloroaniline	8.24	127	104982	9.295	ng	100
34) Hexachlorobutadiene	8.32	225	163282	34.002	ng	99
35) Caprolactam	8.60	113	92635m	37.393	ng	
36) 4-Chloro-3-methylphenol	8.72	107	293139	36.435	ng	96
37) 2-Methylnaphthalene	8.89	142	616738	36.451	ng	98
38) 1-Methylnaphthalene	8.99	142	579993	35.927	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	287077	40.253	ng	100

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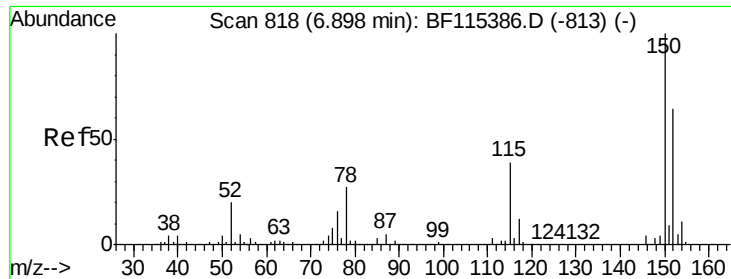
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	134038	32.427	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	198427	38.216	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	208872	38.795	ng	# 94
46) 1,1'-Biphenyl	9.36	154	764117	39.207	ng	98
47) 2-Chloronaphthalene	9.38	162	601250	37.328	ng	99
48) 2-Nitroaniline	9.47	65	182093	38.478	ng	97
49) Acenaphthylene	9.80	152	929538	38.116	ng	98
50) Dimethylphthalate	9.65	163	951378	51.130	ng	99
51) 2,6-Dinitrotoluene	9.71	165	158693	39.325	ng	99
52) Acenaphthene	9.97	154	561668	36.595	ng	99
53) 3-Nitroaniline	9.87	138	92054	19.640	ng	97
54) 2,4-Dinitrophenol	9.98	184	35542	27.613	ng	# 68
55) Dibenzofuran	10.14	168	830939	38.433	ng	100
56) 4-Nitrophenol	10.03	139	274059	75.577	ng	99
57) 2,4-Dinitrotoluene	10.12	165	211614	41.262	ng	89
58) Fluorene	10.48	166	615790	36.131	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	172213	37.027	ng	99
60) Diethylphthalate	10.35	149	665270	36.324	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	310584	37.337	ng	97
62) 4-Nitroaniline	10.49	138	149918	32.586	ng	94
63) Azobenzene	10.63	77	652792	34.577	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	44594	24.495	ng	89
66) n-Nitrosodiphenylamine	10.59	169	568107	38.568	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	194799	37.135	ng	96
68) Hexachlorobenzene	11.03	284	215857	36.671	ng	95
69) Atrazine	11.12	200	183444	40.241	ng	99
70) Pentachlorophenol	11.22	266	228557	63.713	ng	98
71) Phenanthrene	11.45	178	941167	38.279	ng	99
72) Anthracene	11.50	178	954089	38.697	ng	99
73) Carbazole	11.65	167	850904	37.725	ng	99
74) Di-n-butylphthalate	11.98	149	1020531	37.438	ng	100
75) Fluoranthene	12.63	202	1122654	43.366	ng	98
77) Benzidine	12.74	184	415827	32.314	ng	98
78) Pyrene	12.86	202	1106529	43.121	ng	99
80) Butylbenzylphthalate	13.47	149	393131	35.064	ng	99
81) Benzo(a)anthracene	14.05	228	818223	38.699	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	256175	33.391	ng	98
83) Chrysene	14.09	228	902096	41.525	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	512222	36.890	ng	99
85) Di-n-octyl phthalate	14.65	149	906470	36.672	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	898768	51.344	ng	99
88) Benzo(b)fluoranthene	15.10	252	1027719	38.446	ng	99
89) Benzo(k)fluoranthene	15.13	252	848203	35.679	ng	100
90) Benzo(a)pyrene	15.47	252	879149	38.131	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	761639	38.658	ng	99
92) Benzo(g,h,i)perylene	17.47	276	702587	37.676	ng	99

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



#1

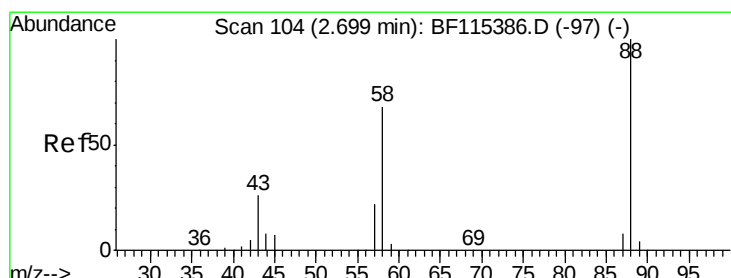
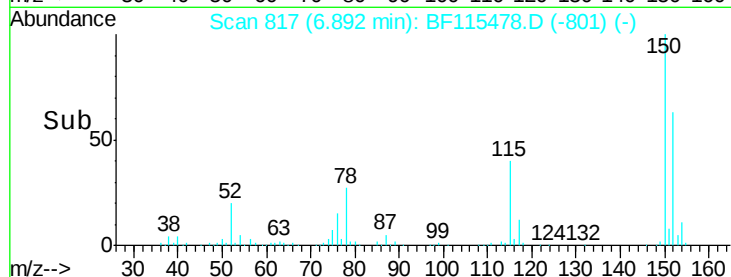
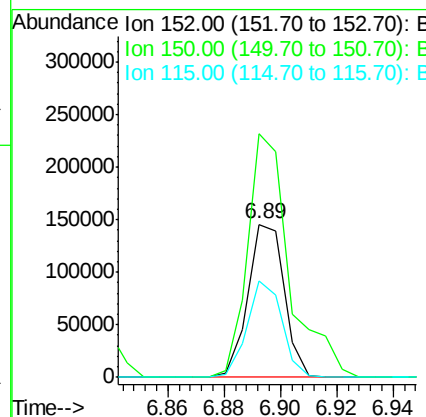
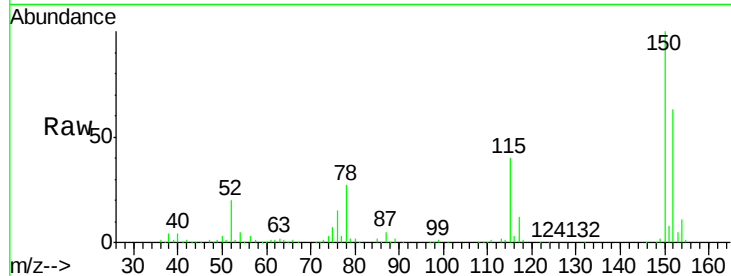
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.4	191.2
115	63.1	46.2	69.4

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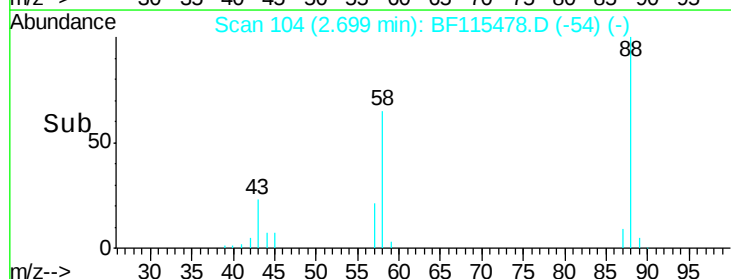
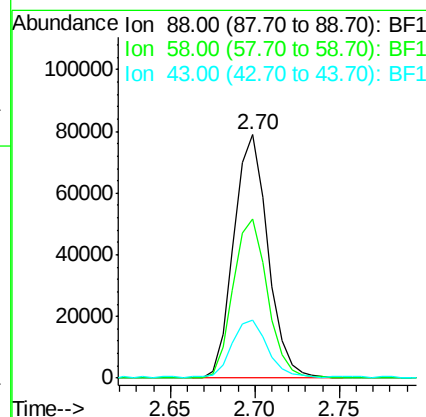
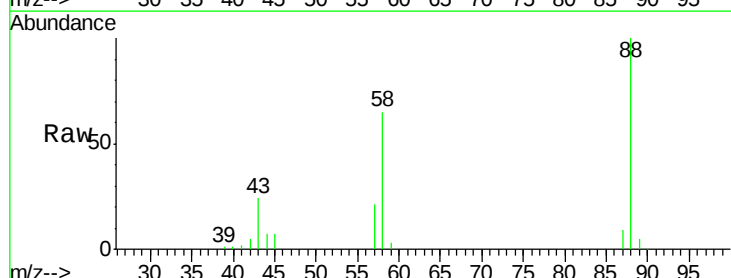
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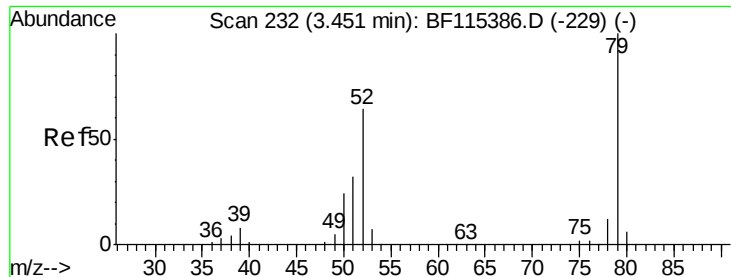


#2

1,4-Dioxane
Concen: 26.722 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	52.5	78.7
43	24.4	19.0	28.6





#3

Pyridine

Concen: 25.118 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

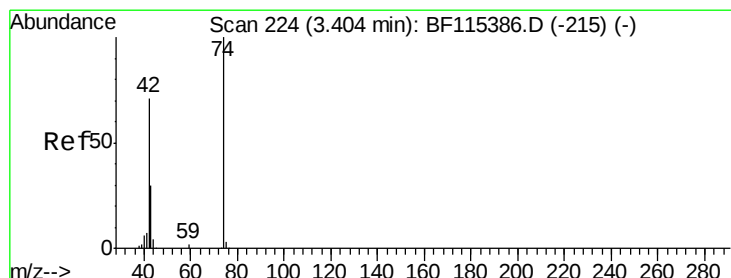
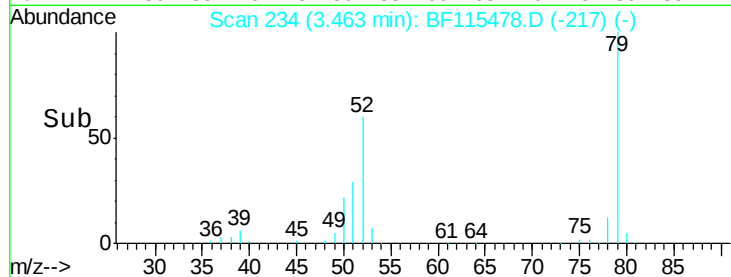
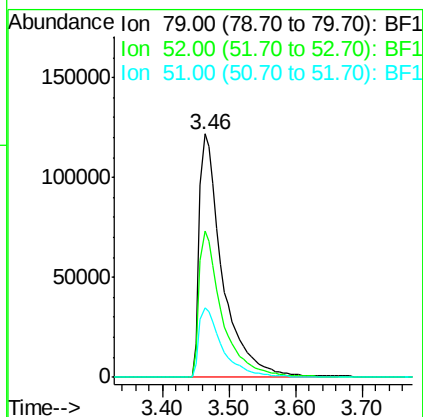
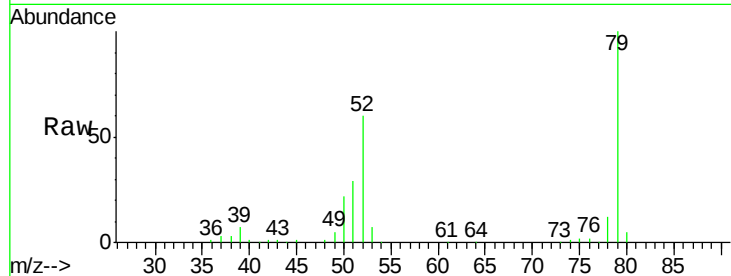
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion:	79	Resp:	287905
Ion	Ratio	Lower	Upper
79	100		
52	59.9	48.2	72.2
51	28.6	23.2	34.8

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#4

n-Nitrosodimethylamine

Concen: 26.531 ng

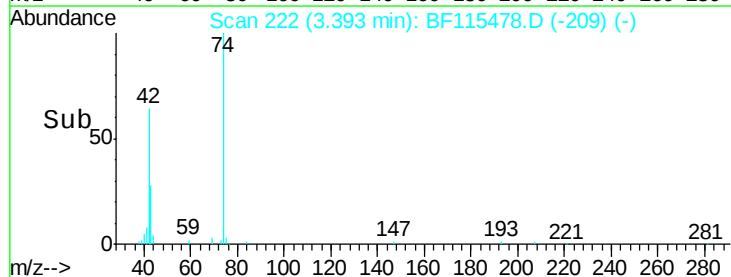
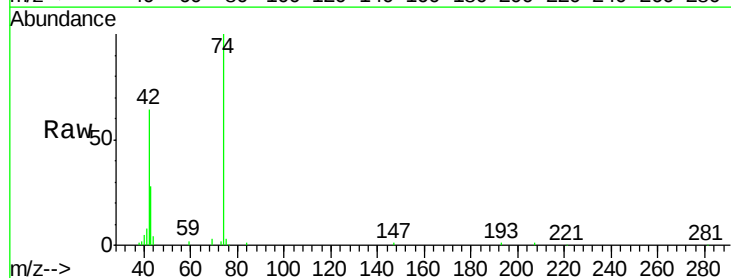
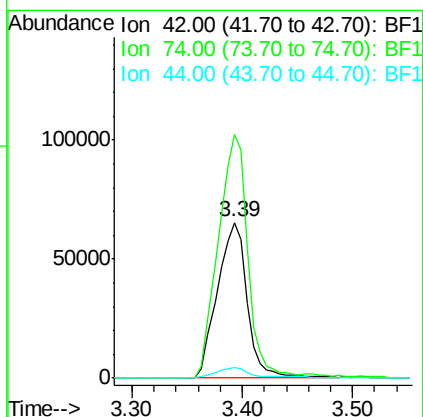
RT: 3.39 min Scan# 222

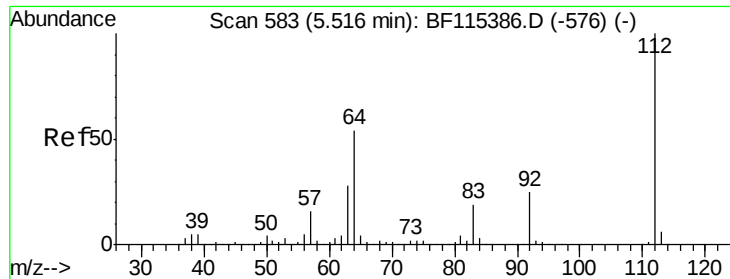
Delta R.T. -0.02 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	42	Resp:	123317
Ion	Ratio	Lower	Upper
42	100		
74	156.3	128.5	192.7
44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 108.582 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

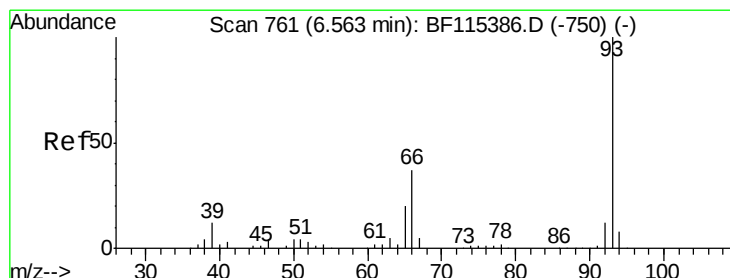
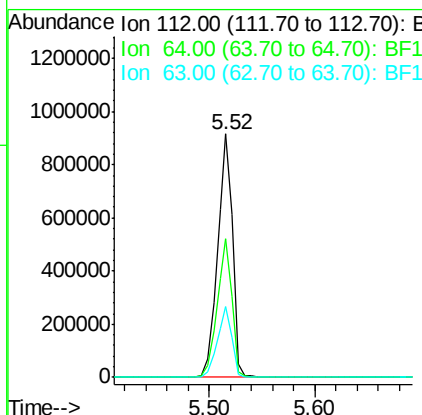
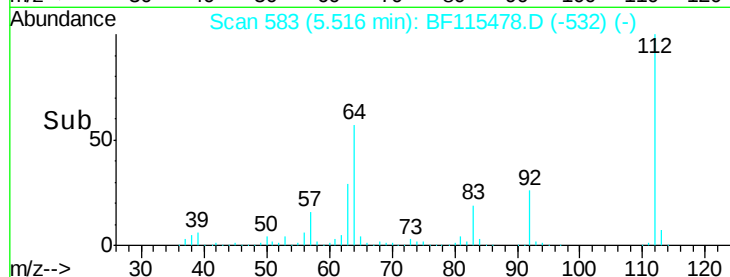
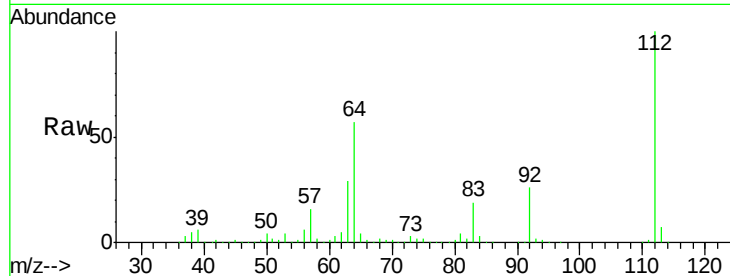
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion:	112	Resp:	917632
Ion Ratio	Lower	Upper	
112	100		
64	57.0	44.2	66.2
63	29.1	22.1	33.1

Manual Integrations
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#6

Aniline

Concen: 16.473 ng

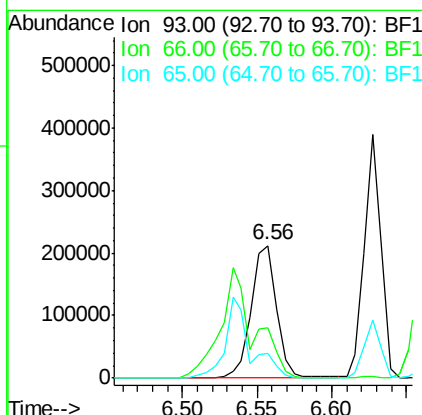
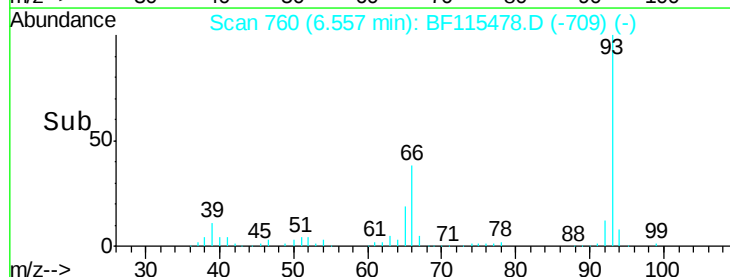
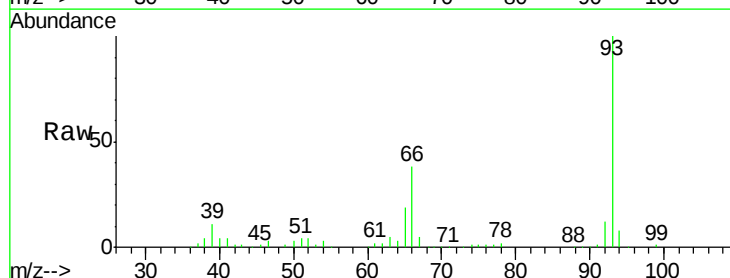
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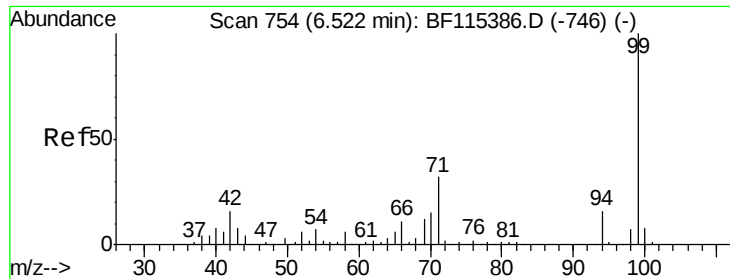
Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	93	Resp:	249852
Ion Ratio	Lower	Upper	
93	100		
66	37.6	31.3	46.9
65	18.6	15.9	23.9





#7

Phenol-d6

Concen: 113.296 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion: 99 Resp: 1217705

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

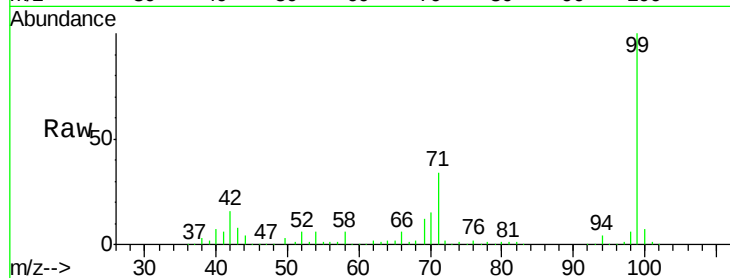
71 33.7 26.5 39.7

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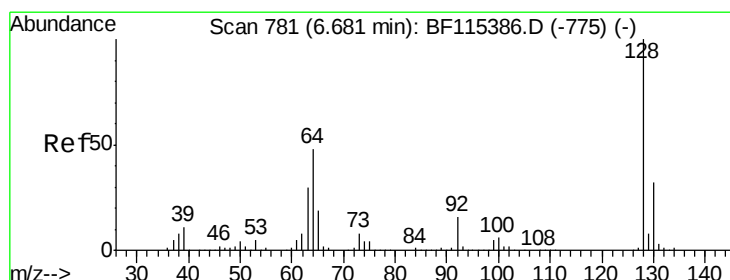
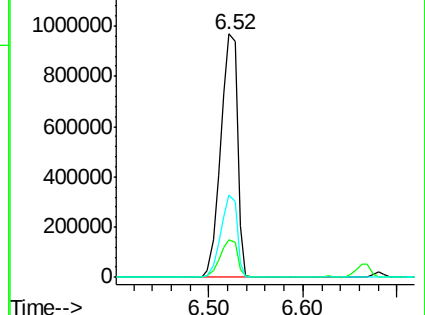
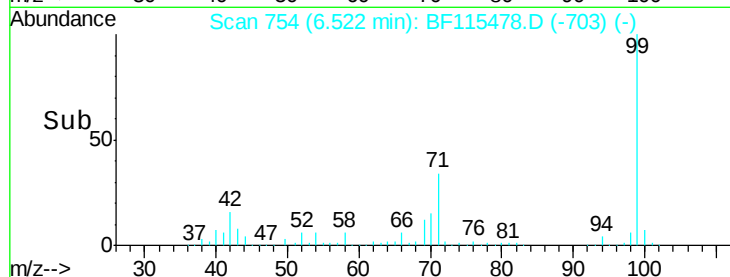
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.426 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

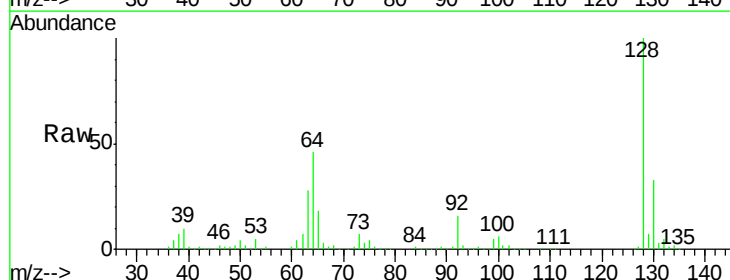
Tgt Ion: 128 Resp: 318971

Ion Ratio Lower Upper

128 100

130 33.4 11.8 51.8

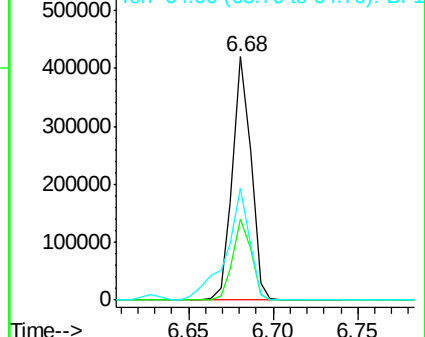
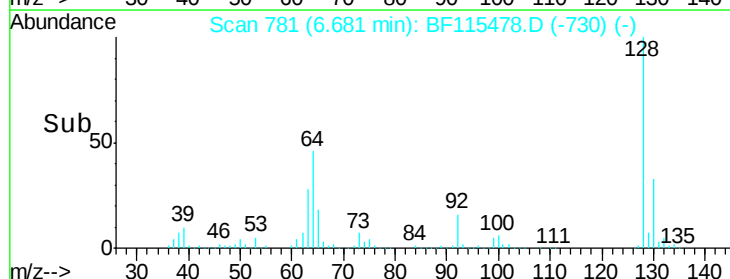
64 45.9 27.0 67.0

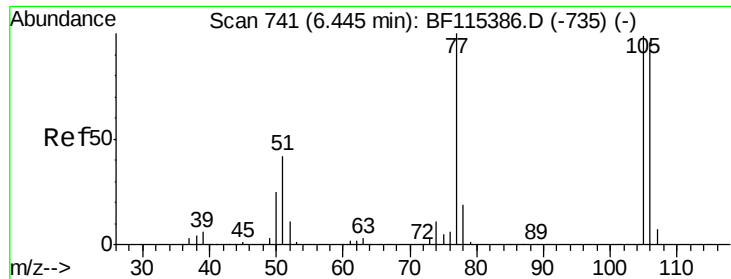


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.750 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

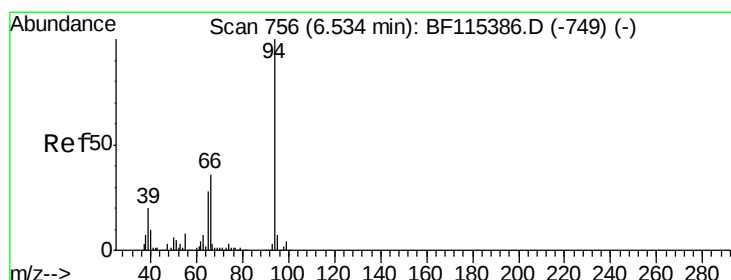
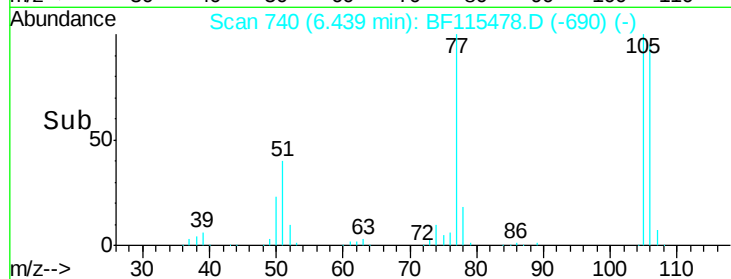
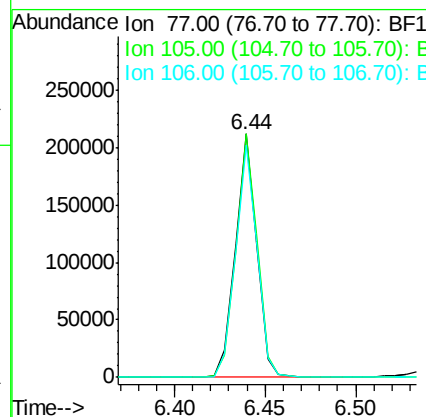
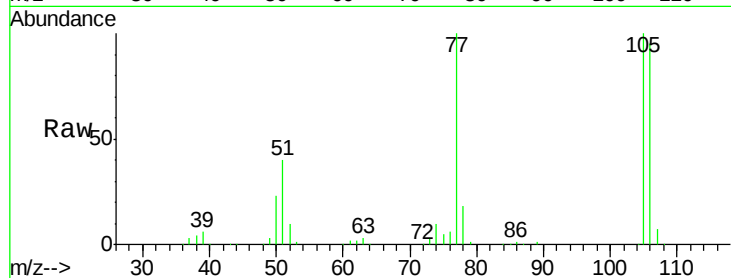
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion:	77	Resp:	173882
Ion Ratio	Lower	Upper	
77	100		
105	99.8	82.9	122.9
106	95.4	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 31.659 ng

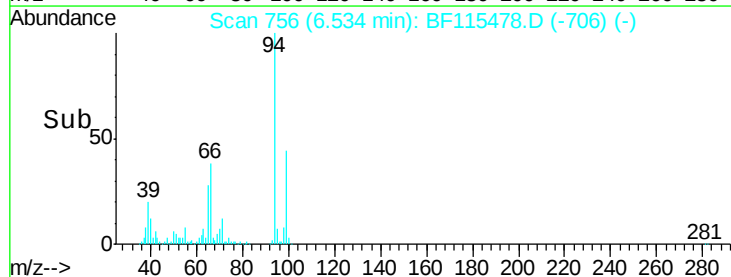
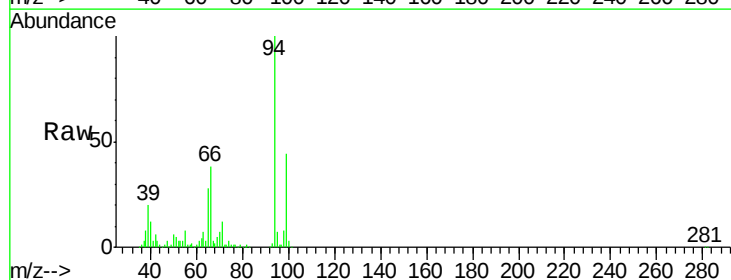
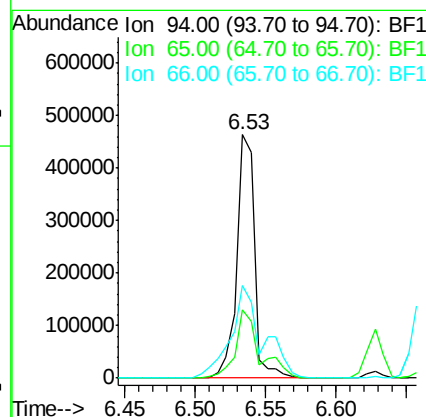
RT: 6.53 min Scan# 756

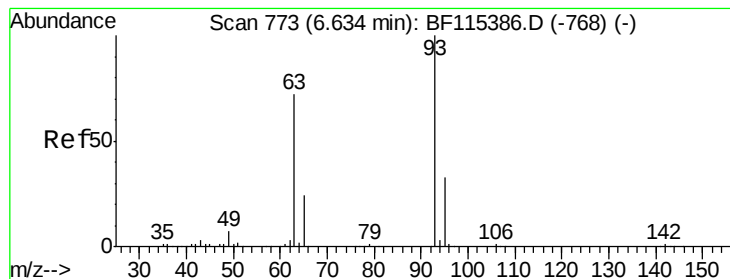
Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	94	Resp:	407121
Ion Ratio	Lower	Upper	
94	100		
65	28.1	7.2	47.2
66	38.1	16.9	56.9





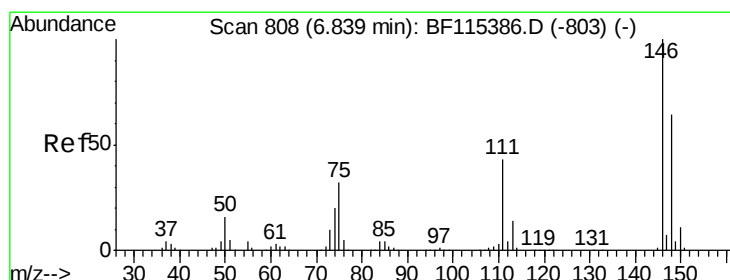
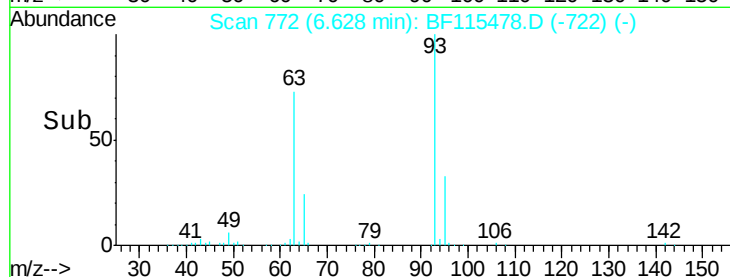
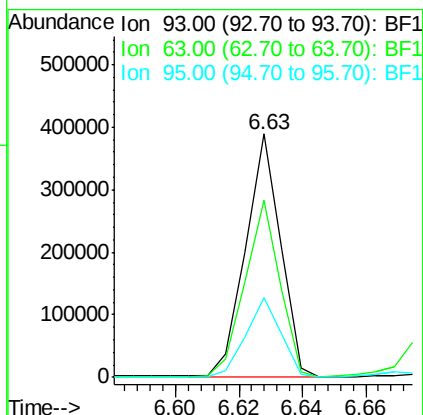
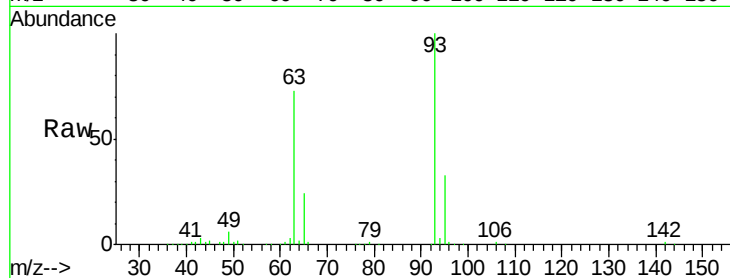
#11
 bis(2-Chloroethyl)ether
 Concen: 31.233 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion:	93	Resp:	297957
Ion Ratio	Lower	Upper	
93	100		
63	72.8	50.0	90.0
95	32.7	12.6	52.6

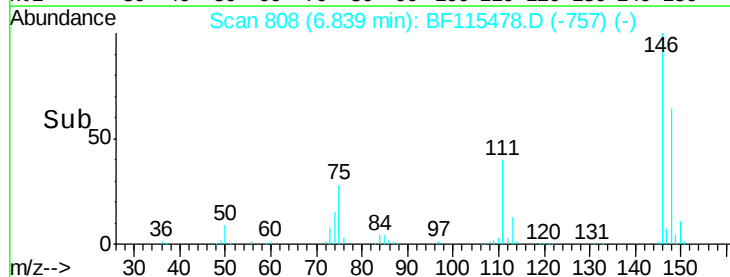
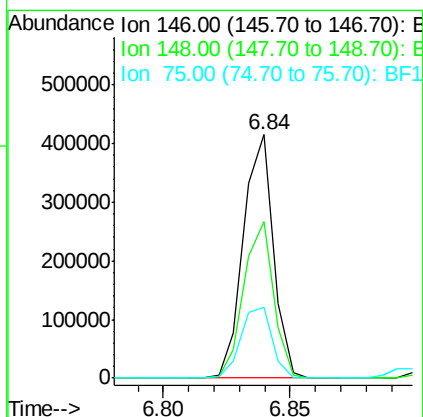
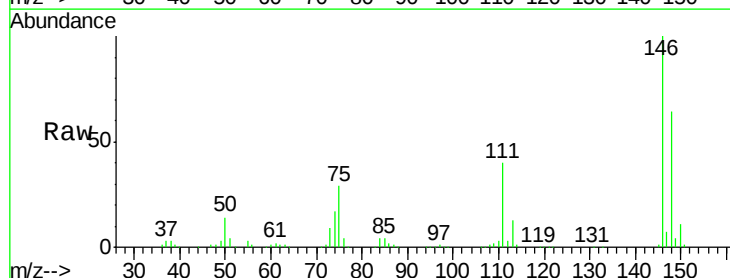
Manual Integrations
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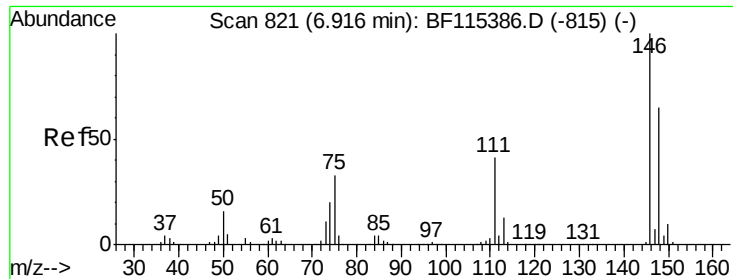
mohammad
 7/11/2019 5:22:33 PM



#12
 1,3-Dichlorobenzene
 Concen: 32.683 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion:	146	Resp:	341685
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.3	78.5
75	29.1	24.8	37.2





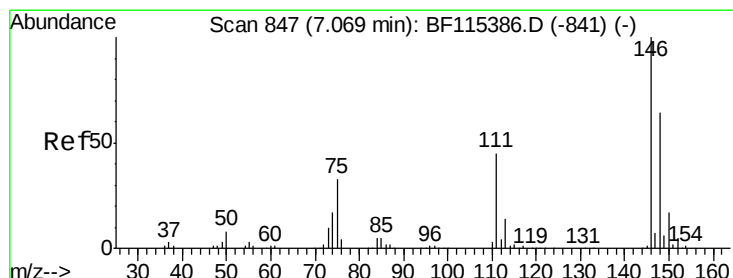
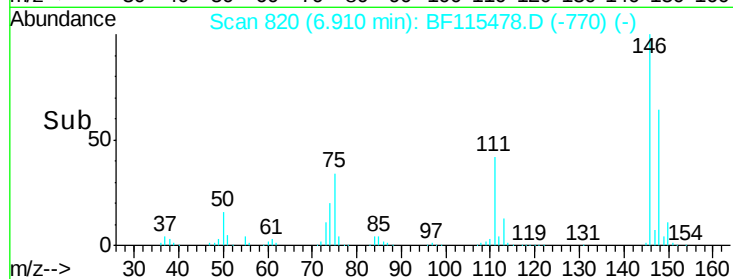
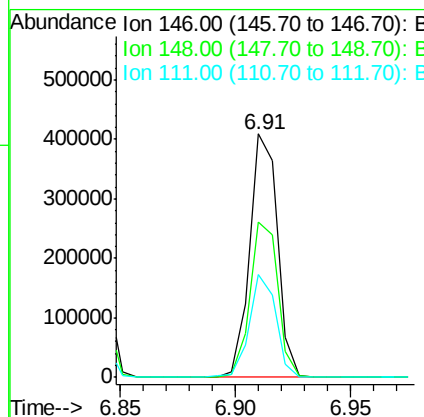
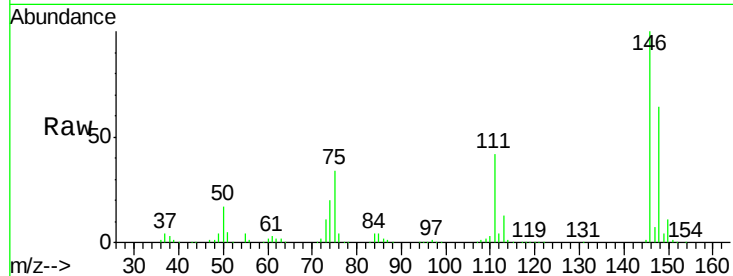
#13
 1,4-Dichlorobenzene
 Concen: 32.957 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	42.3	32.1	48.1

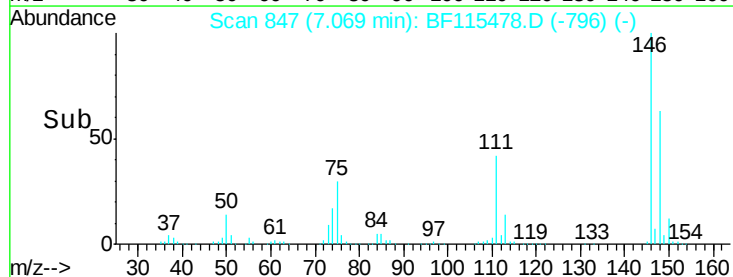
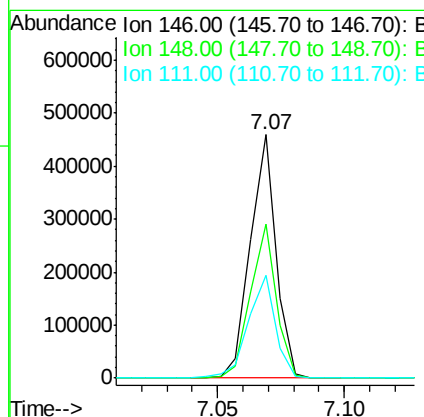
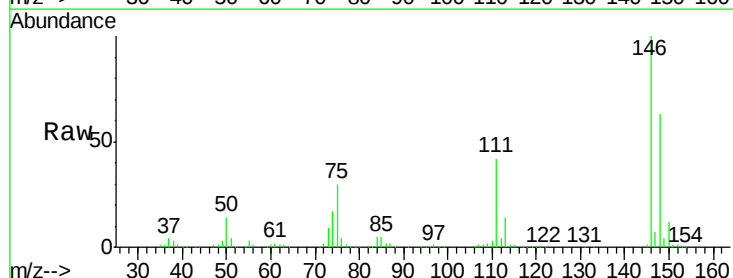
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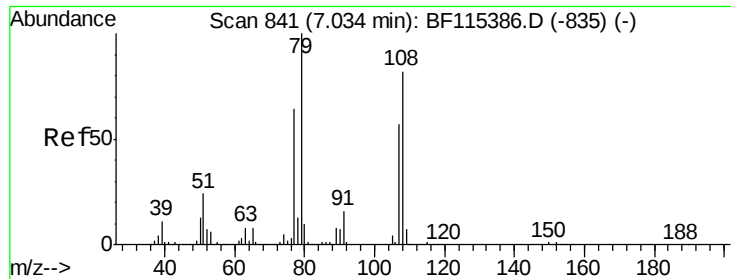
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 33.451 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	42.3	35.4	53.2





#15

Benzyl Alcohol

Concen: 33.397 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion: 79 Resp: 288038
Ion Ratio Lower Upper

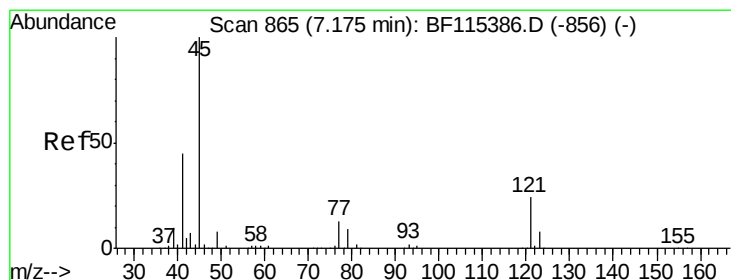
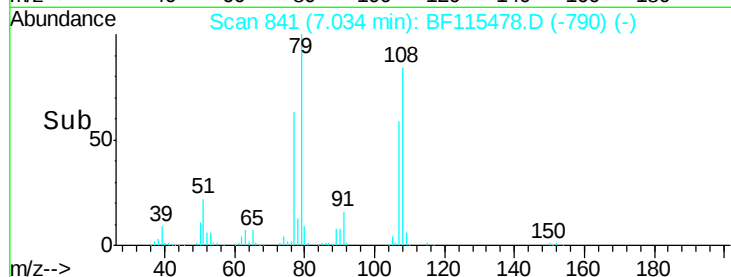
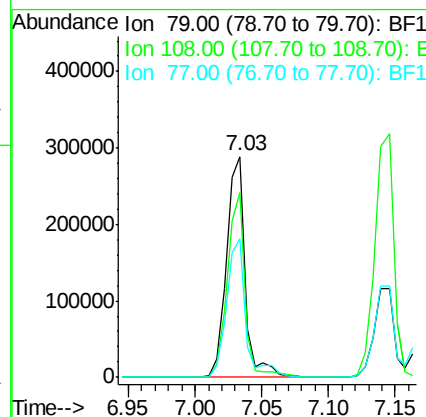
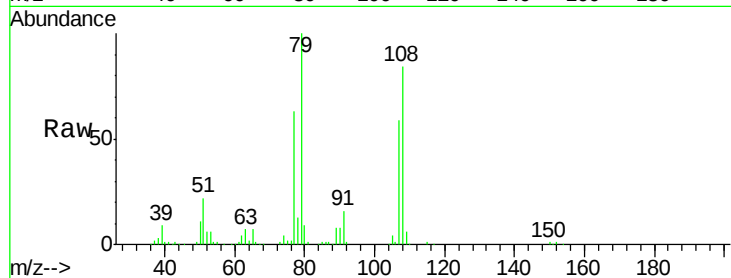
79 100

108 83.9 65.3 97.9

77 63.0 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.983 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115478.D

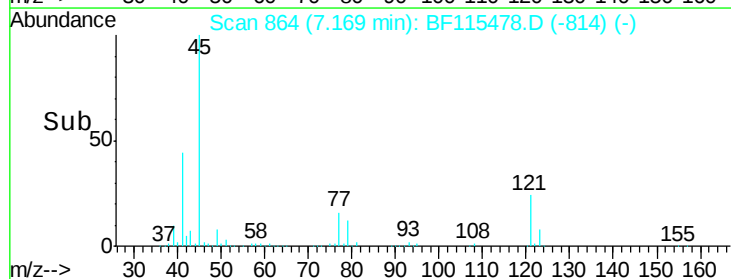
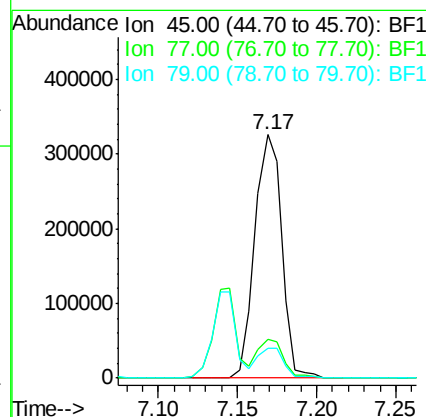
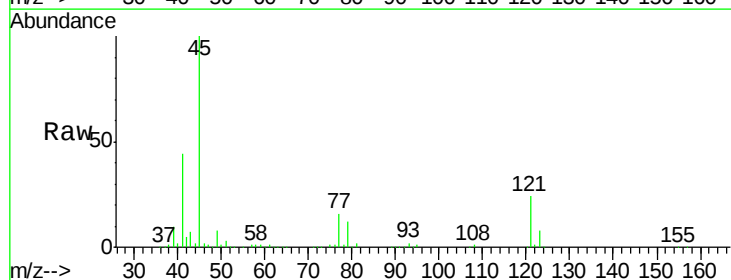
Acq: 11 Jul 2019 1:41

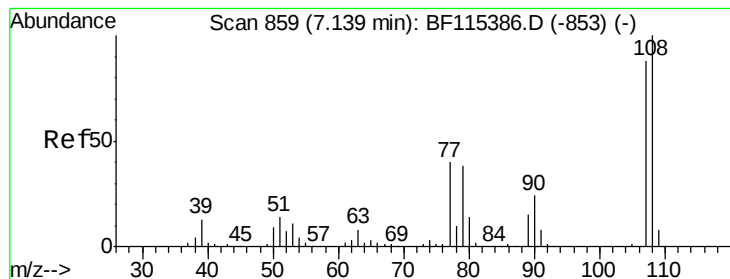
Tgt Ion: 45 Resp: 386613
Ion Ratio Lower Upper

45 100

77 16.0 0.0 36.4

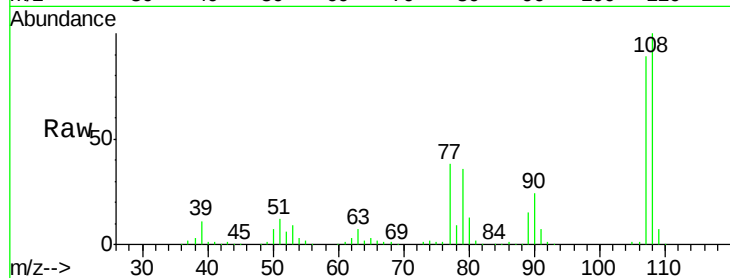
79 12.2 0.0 33.4





#17
2-Methylphenol
Concen: 33.000 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

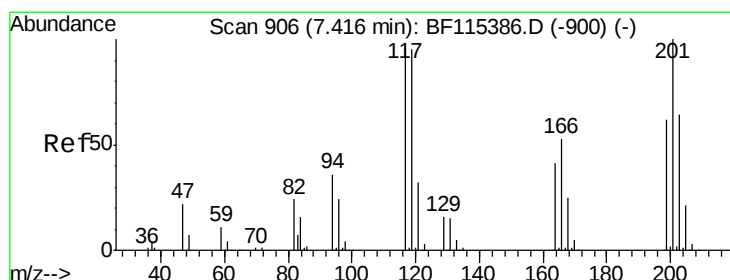
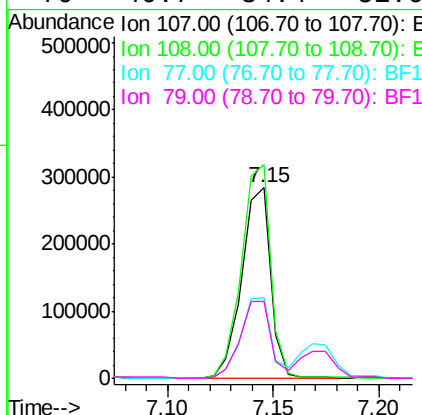
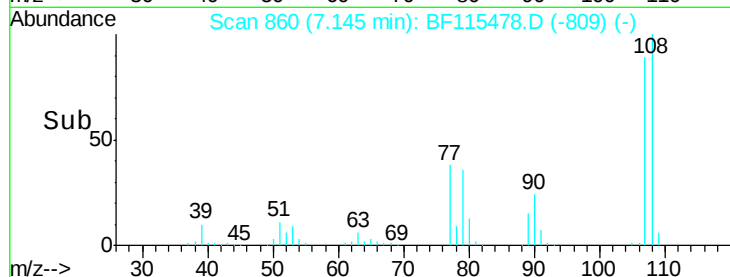
Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	269779		
108	112.4	90.0	135.0	
77	42.3	35.0	52.4	
79	40.7	34.4	51.6	

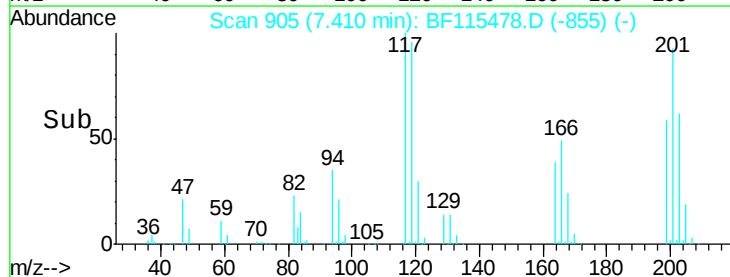
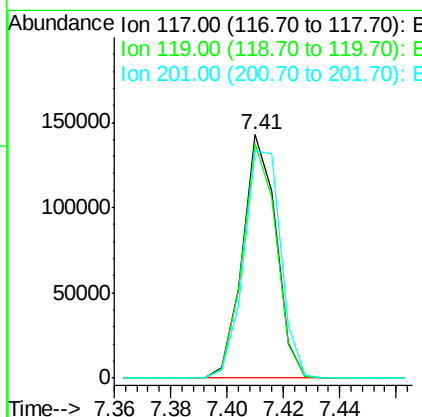
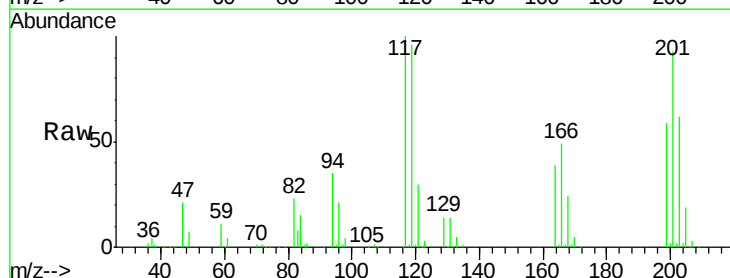
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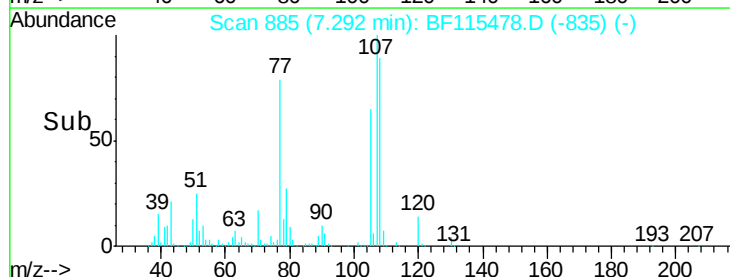
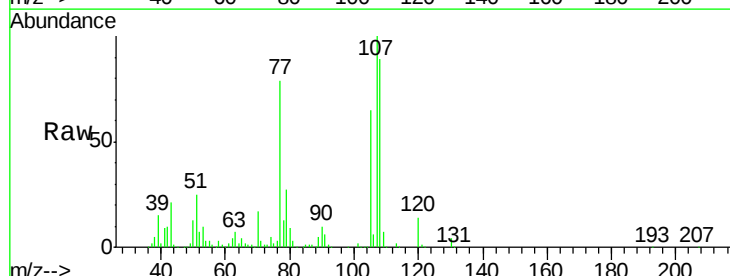
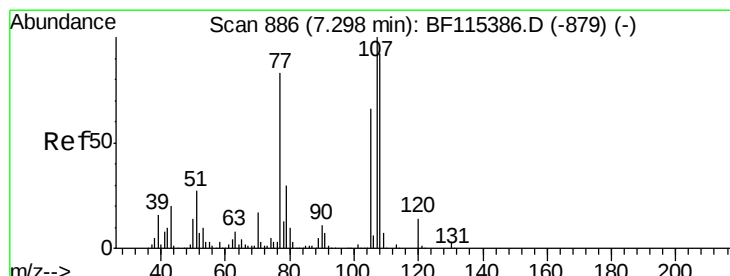
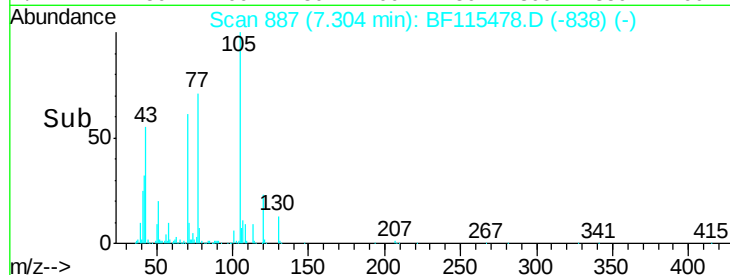
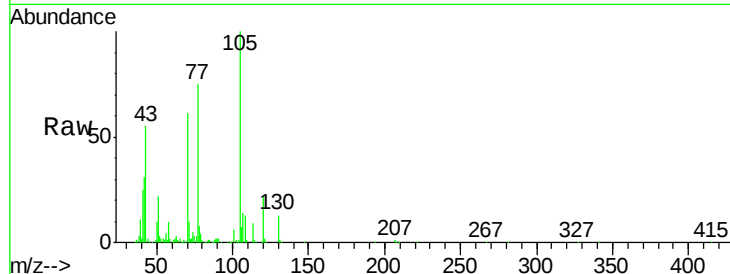
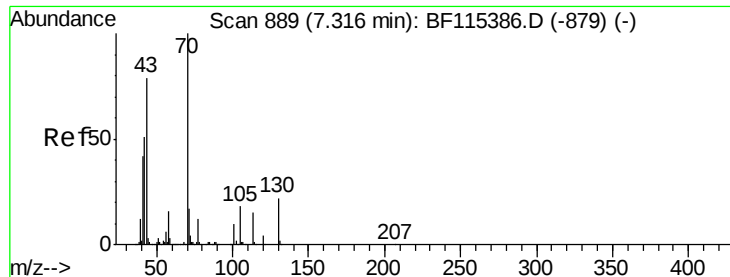
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#18
Hexachloroethane
Concen: 29.992 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117002		
119	96.5	76.8	115.2	
201	93.3	85.8	128.6	





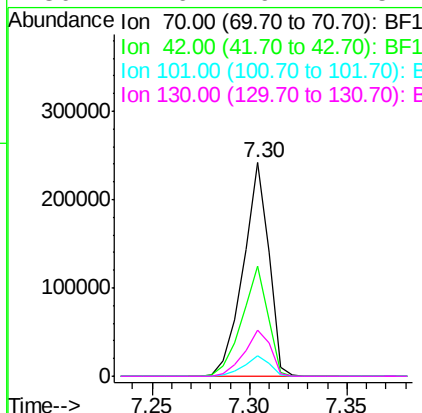
#19
n-Nitroso-di-n-propylamine
Concen: 30.165 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.5	38.5	57.7
101	9.4	8.0	12.0
130	21.6	19.1	28.7

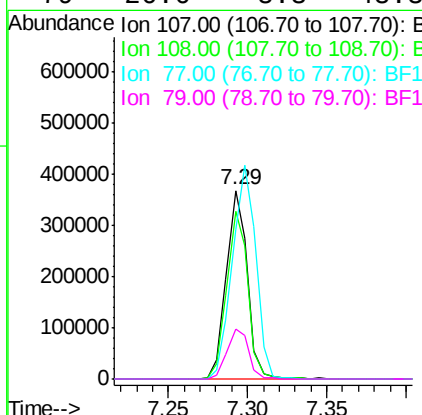
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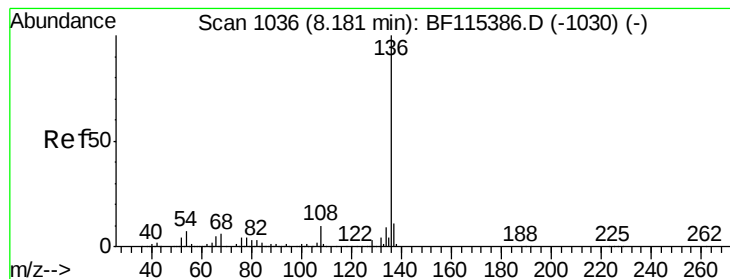
mohammad
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#20
3+4-Methylphenols
Concen: 34.755 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.5	110.5
77	79.4	63.0	103.0
79	26.6	8.3	48.3





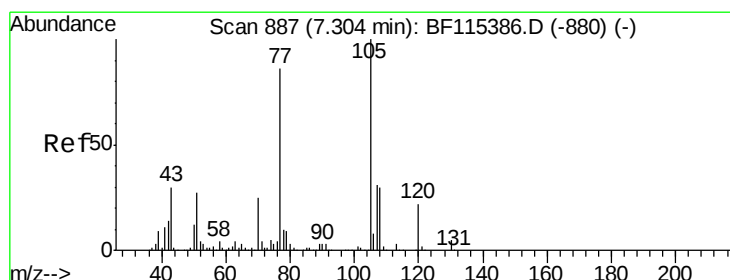
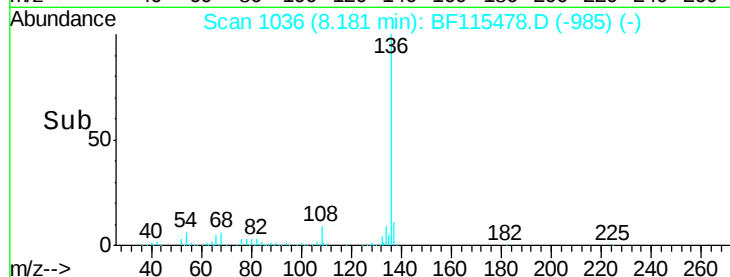
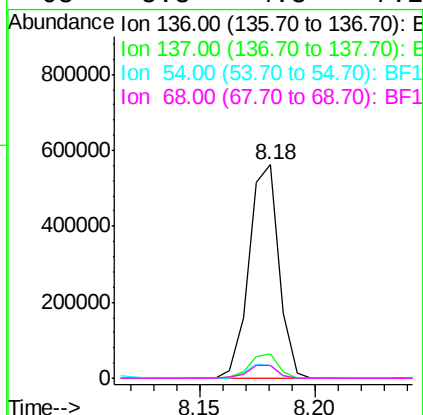
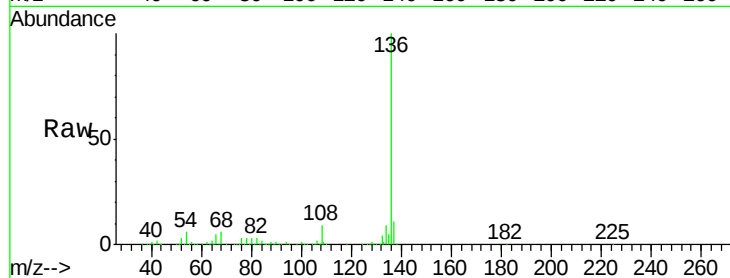
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		509634		
137	11.1	8.8	13.2		
54	6.2	5.4	8.0		
68	5.8	4.8	7.2		

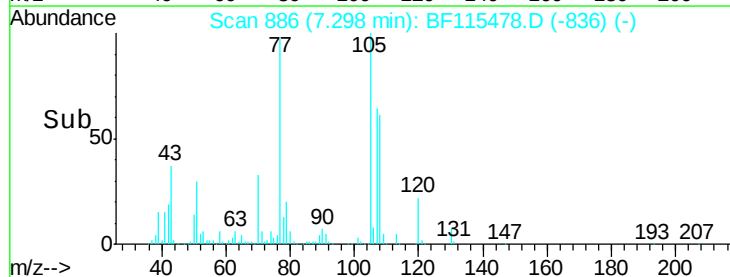
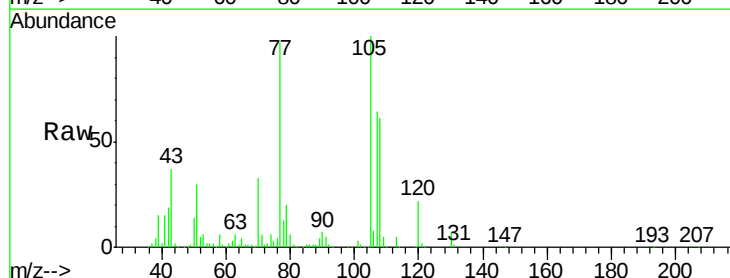
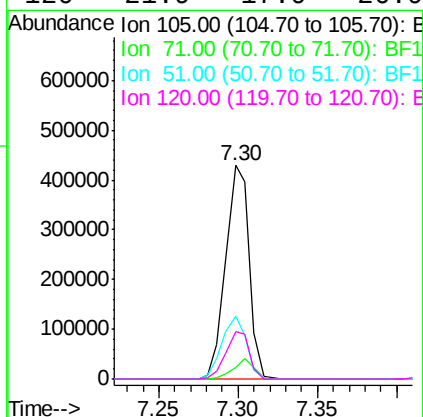
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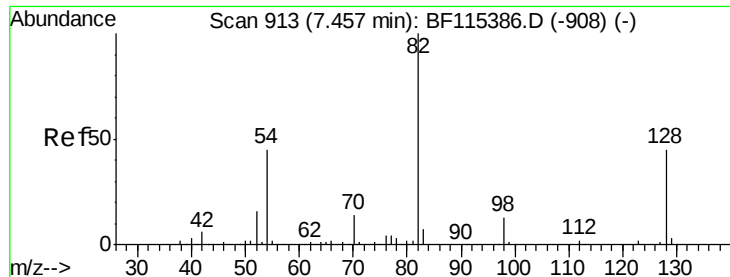
mohammad
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#22
Acetophenone
Concen: 36.038 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		440093		
71	5.6	3.5	5.3#		
51	29.5	22.6	33.8		
120	21.9	17.9	26.9		





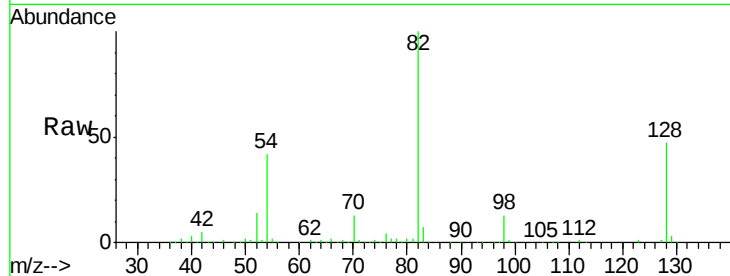
#23
 Nitrobenzene-d5
 Concen: 86.973 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

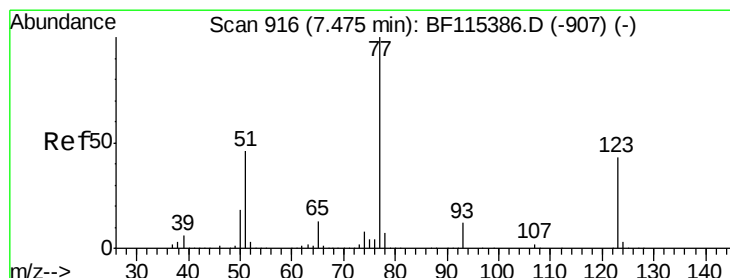
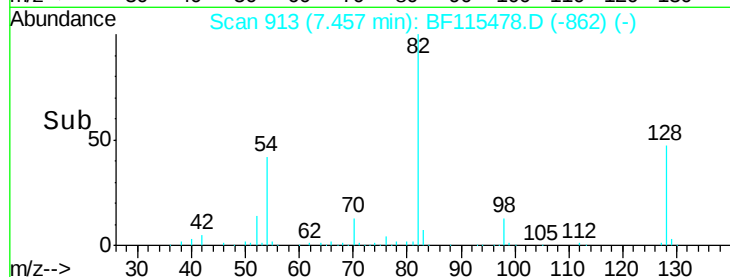
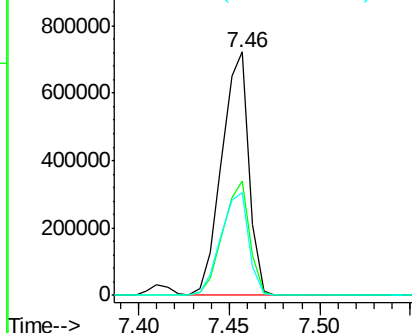
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.7	55.1
54	42.4	35.6	53.4

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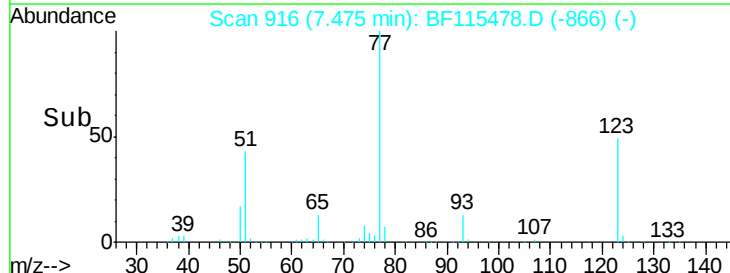
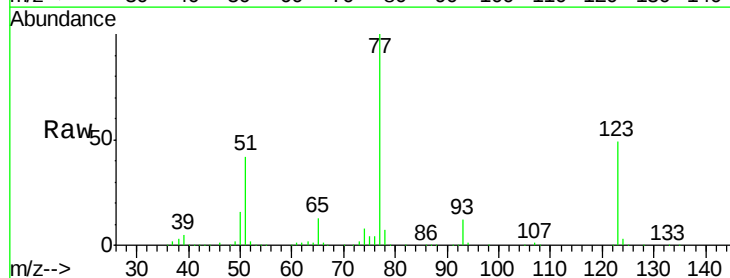
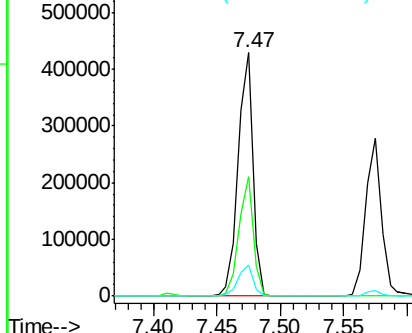
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

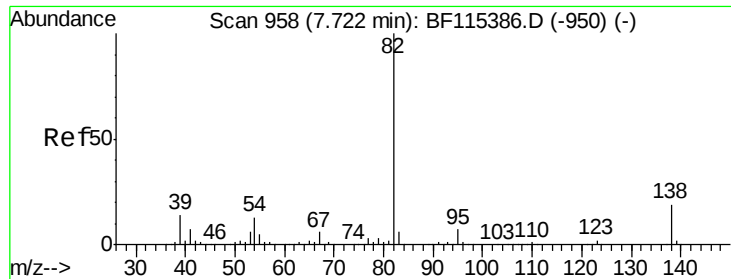


#24
 Nitrobenzene
 Concen: 35.313 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	40.4	60.6
65	12.8	10.4	15.6

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.033 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

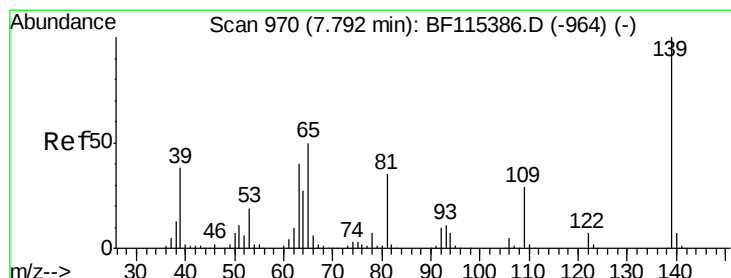
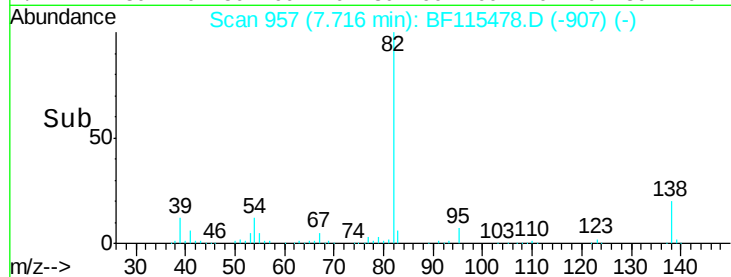
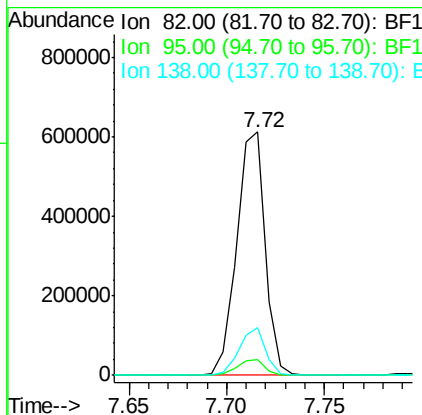
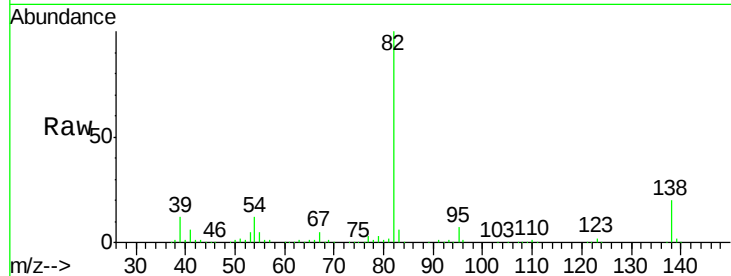
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion:	82	Resp:	617597
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.4	8.2
138	19.6	15.1	22.7

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#26

2-Nitrophenol

Concen: 42.204 ng

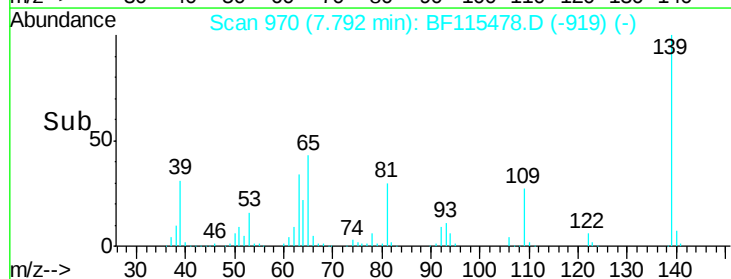
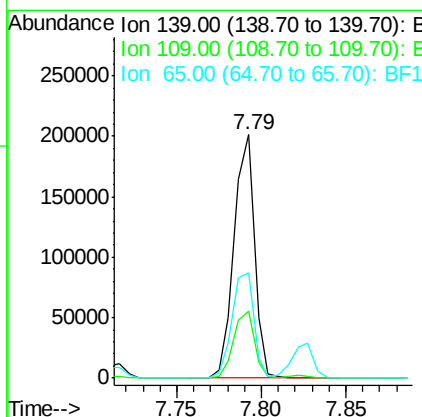
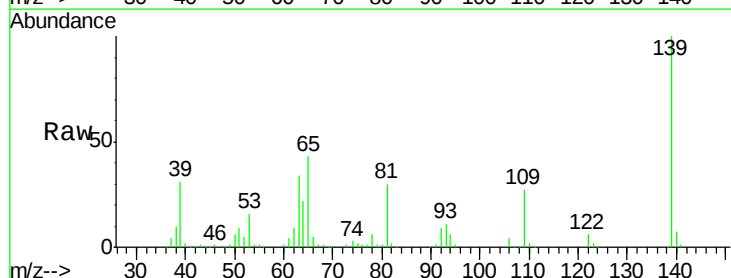
RT: 7.79 min Scan# 970

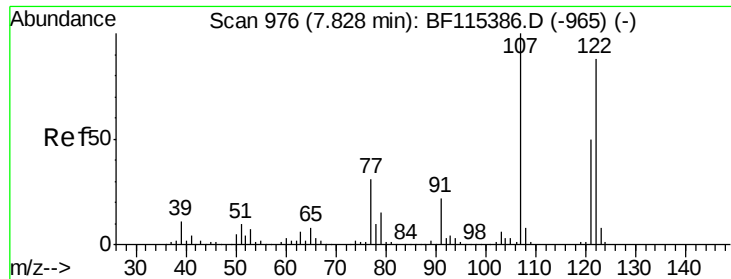
Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	139	Resp:	169025
Ion Ratio		Lower	Upper
139	100		
109	27.4	22.2	33.4
65	43.4	37.5	56.3





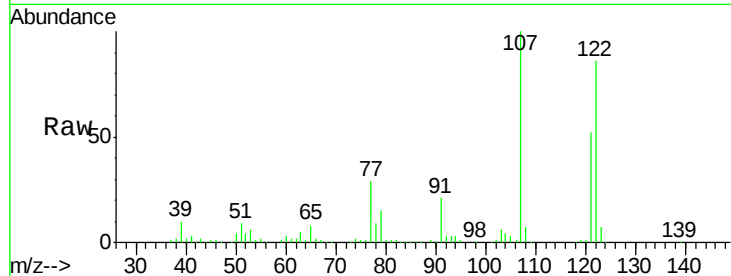
#27
 2,4-Dimethylphenol
 Concen: 36.319 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

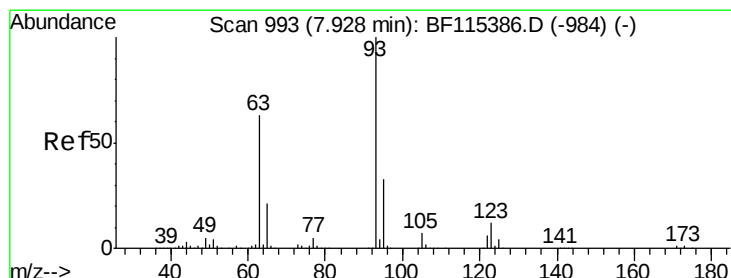
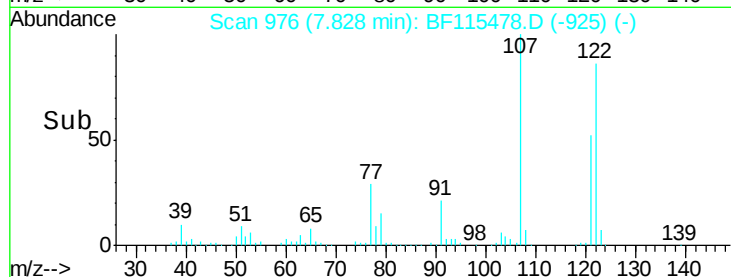
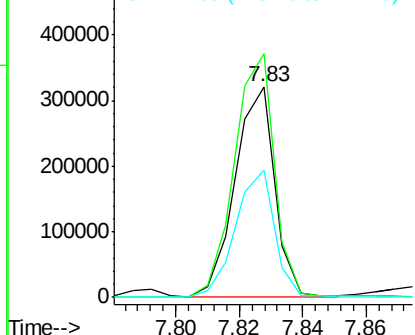
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	277361		
107	115.7	91.7	137.5	
121	60.7	47.7	71.5	

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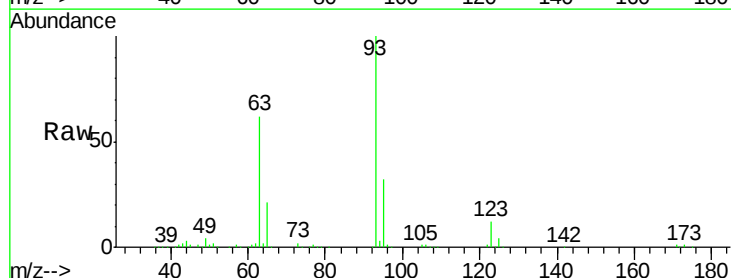


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

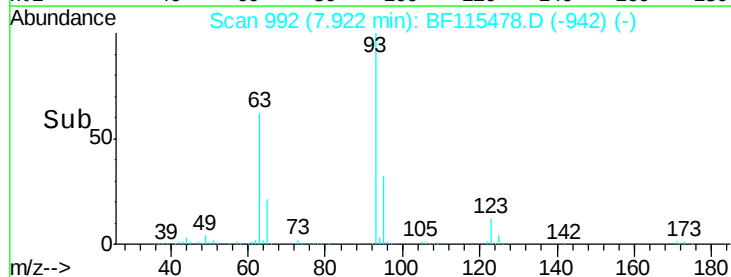
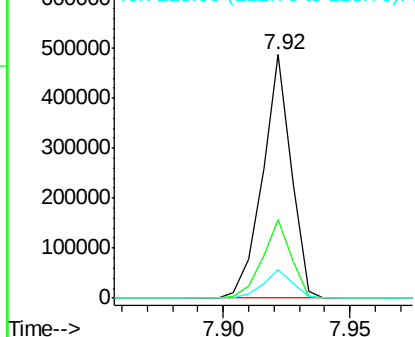


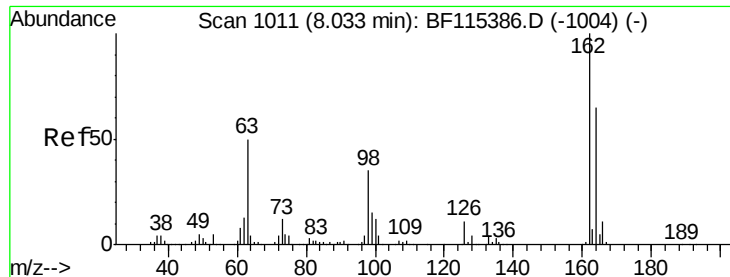
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.974 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	380157		
95	32.2	26.6	39.8	
123	11.7	10.4	15.6	



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





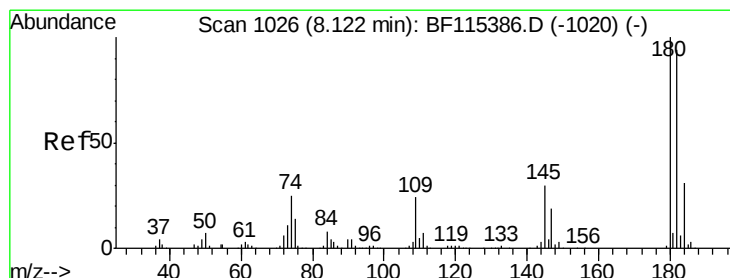
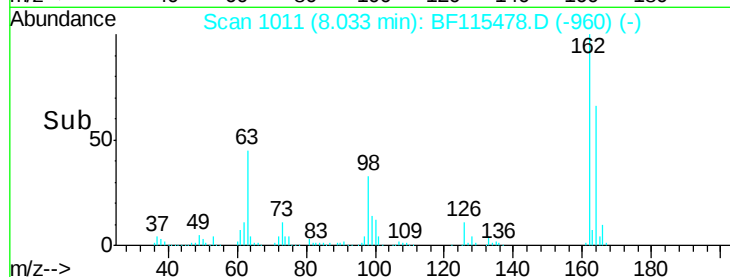
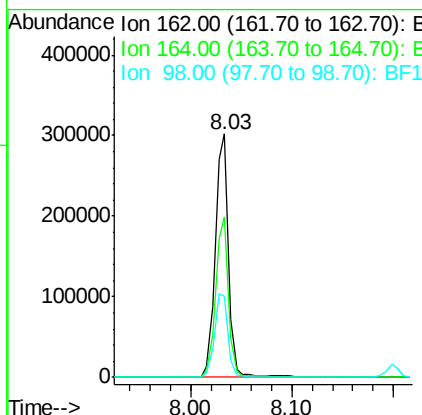
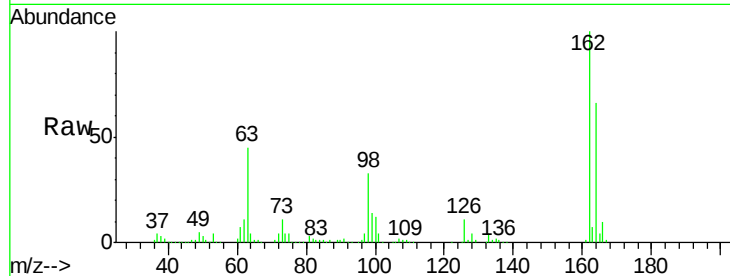
#29
2,4-Dichlorophenol
Concen: 36.280 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	45.2	85.2
98	33.1	17.0	57.0

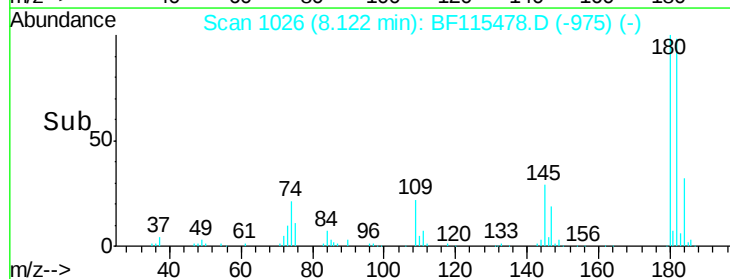
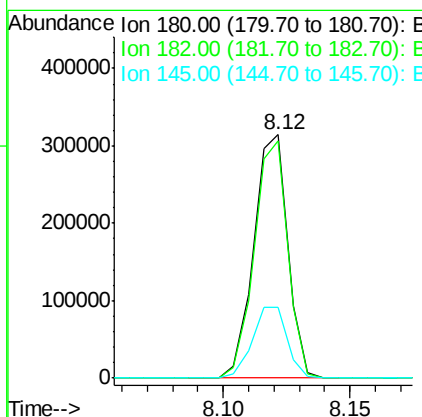
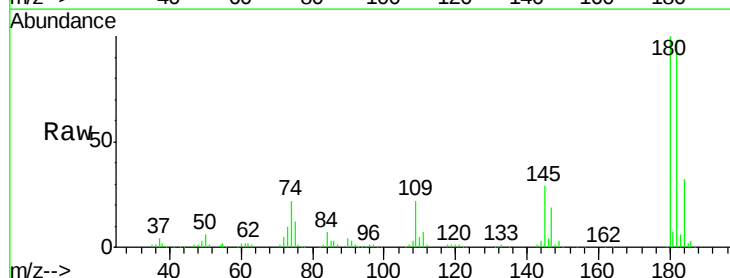
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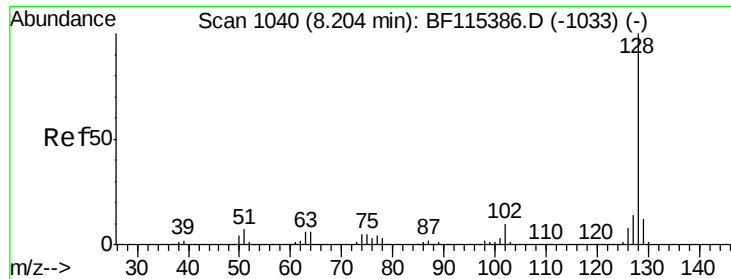
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 34.878 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.6	77.1	115.7
145	29.0	23.9	35.9





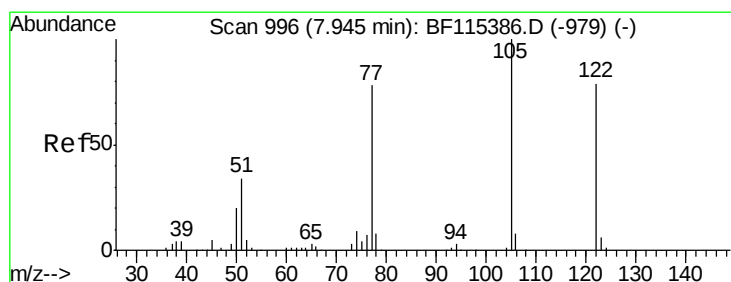
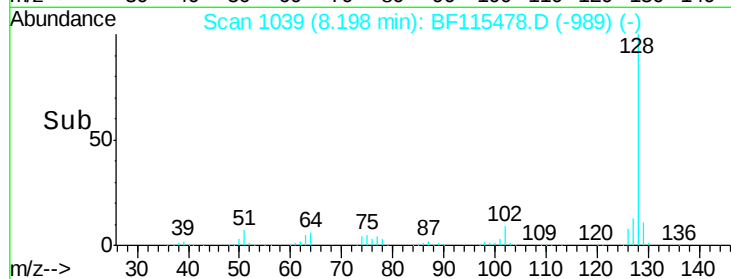
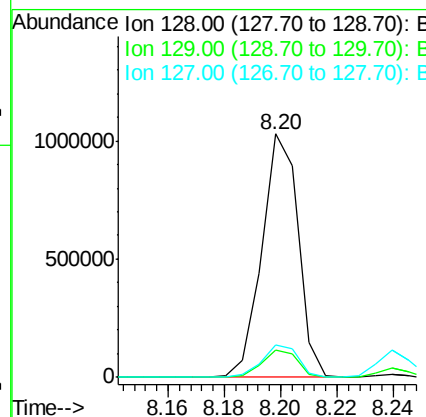
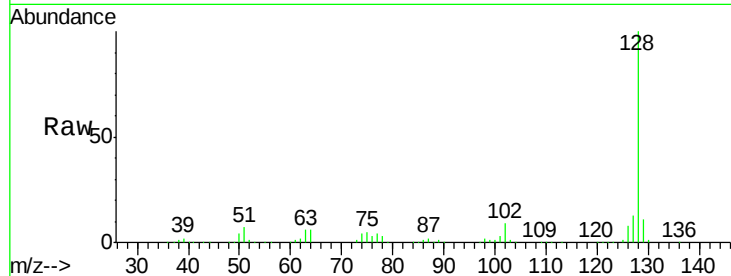
#31
Naphthalene
Concen: 36.323 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	919464		
129	11.3	9.3	13.9	
127	13.5	11.1	16.7	

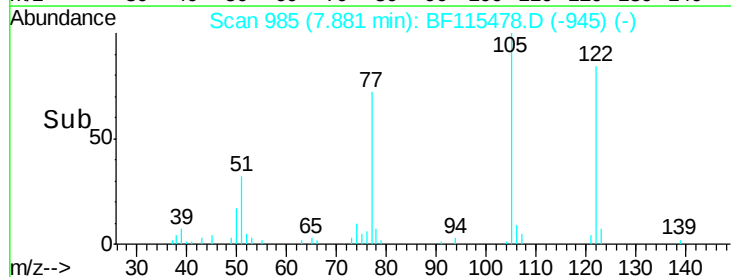
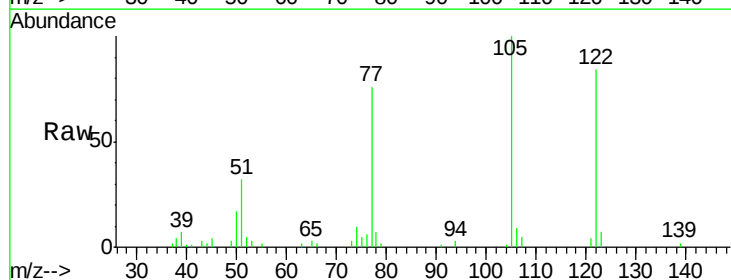
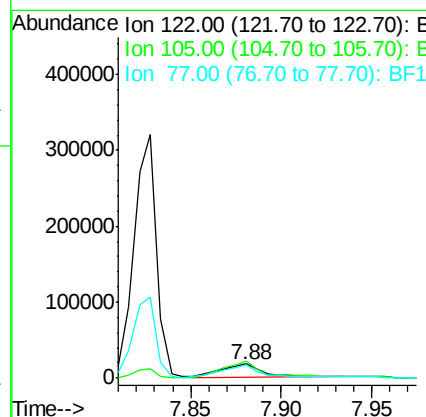
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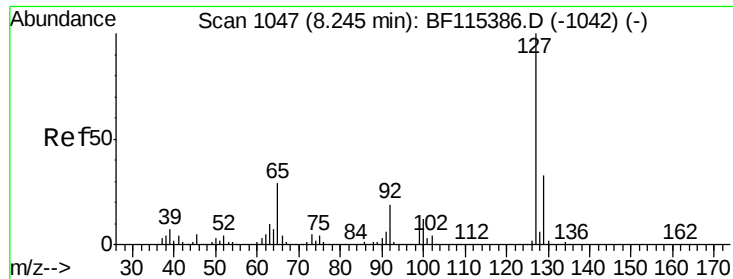
mohammad
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#32
Benzoic acid
Concen: 10.182 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26346		
105	118.6	101.6	141.6	
77	89.8	69.1	109.1	





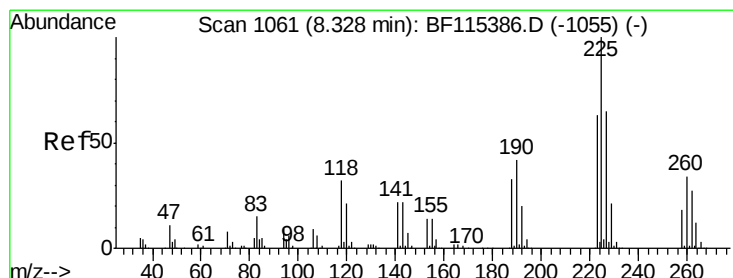
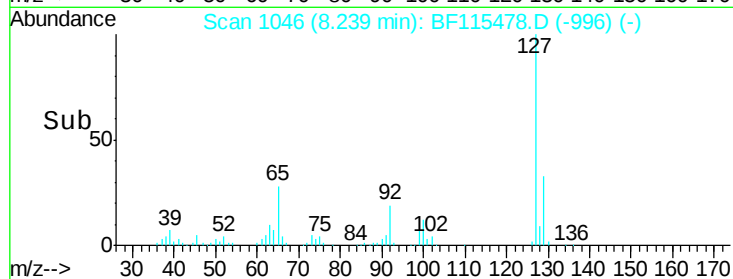
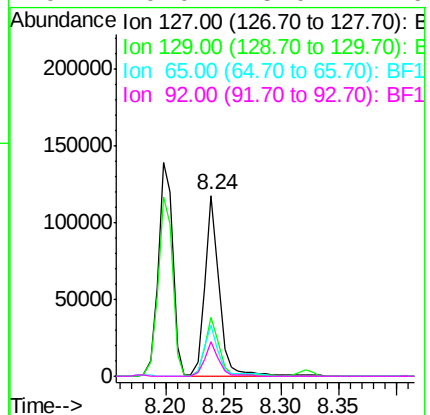
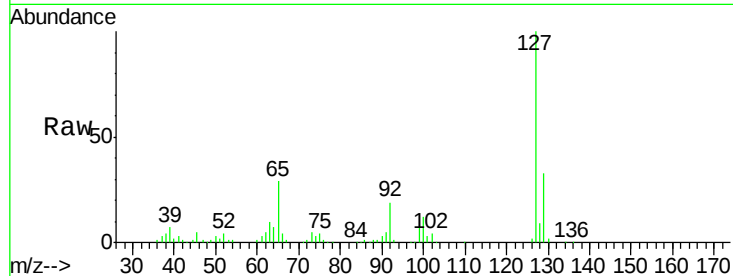
#33
4-Chloroaniline
Concen: 9.295 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	104982		
129	32.6	26.1	39.1	
65	28.6	23.2	34.8	
92	19.0	15.0	22.6	

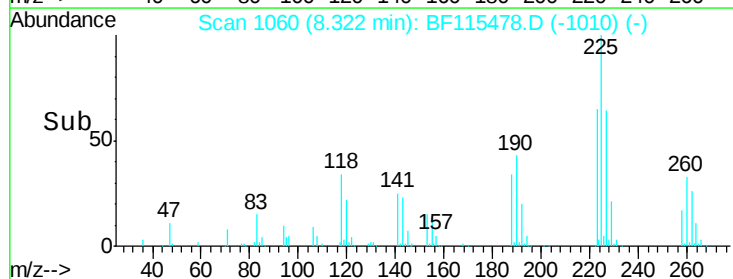
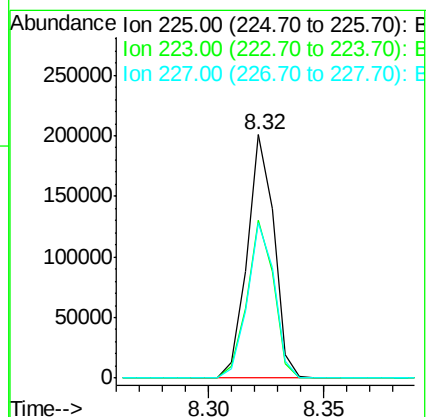
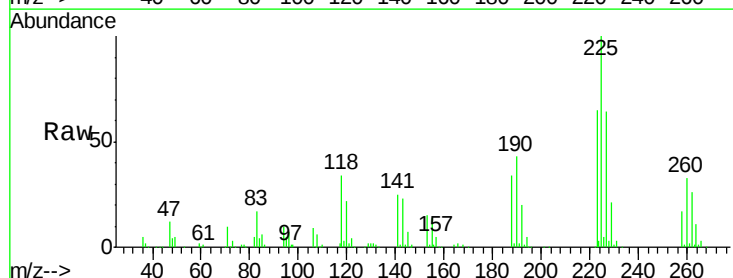
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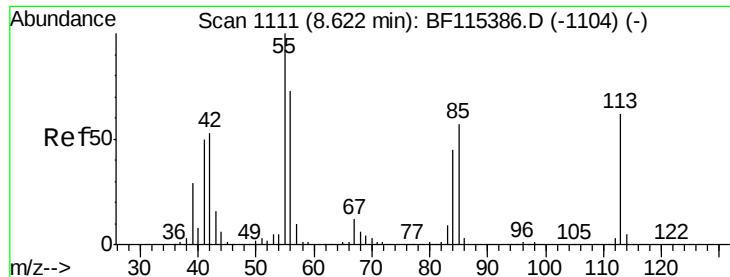
mohammad
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#34
Hexachlorobutadiene
Concen: 34.002 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163282		
223	64.6	50.6	76.0	
227	63.8	51.4	77.2	





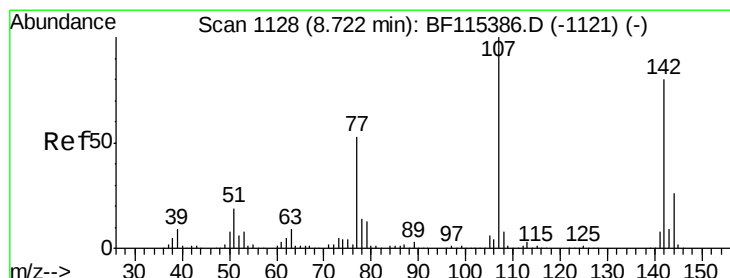
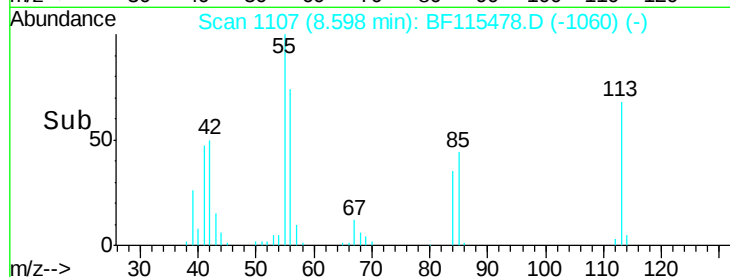
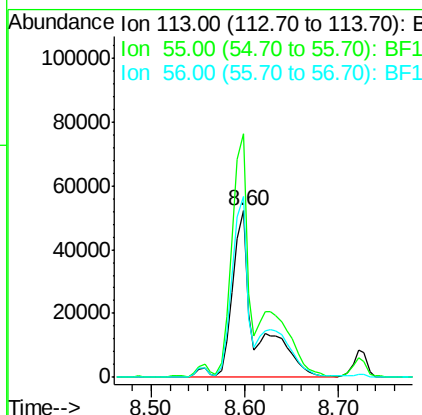
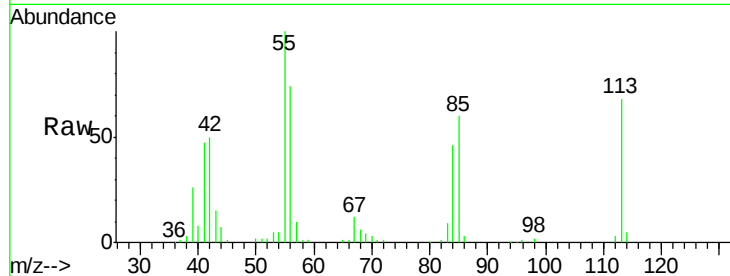
#35
 Caprolactam
 Concen: 37.393 ng m
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	146.3	138.1	178.1
56	108.3	95.7	135.7

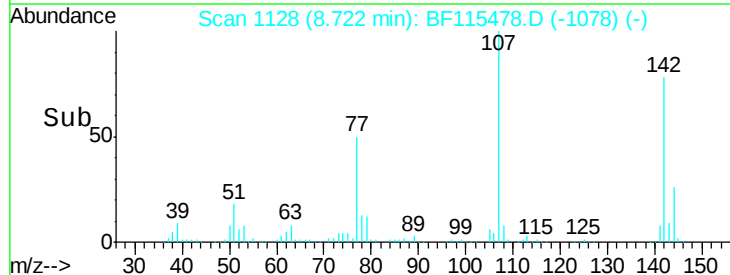
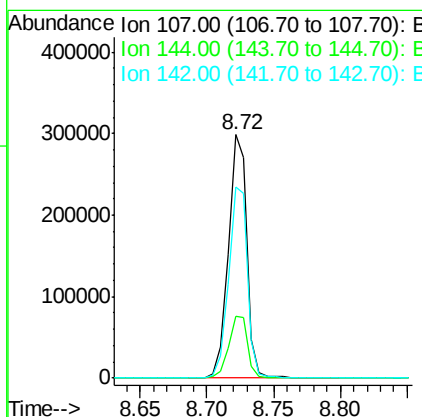
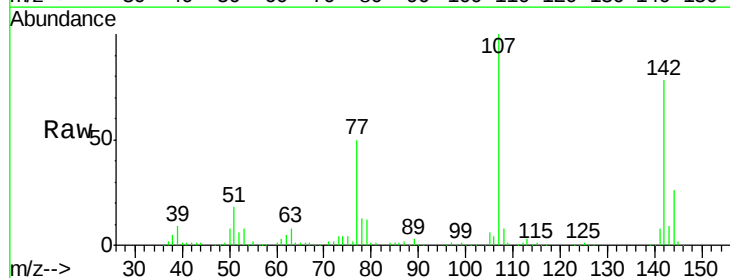
Manual Integrations
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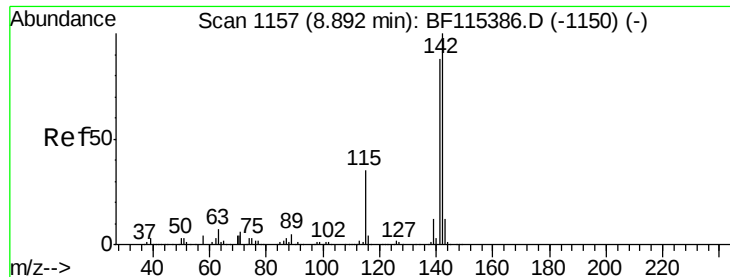
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 36.435 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.5	32.3
142	78.3	66.2	99.2





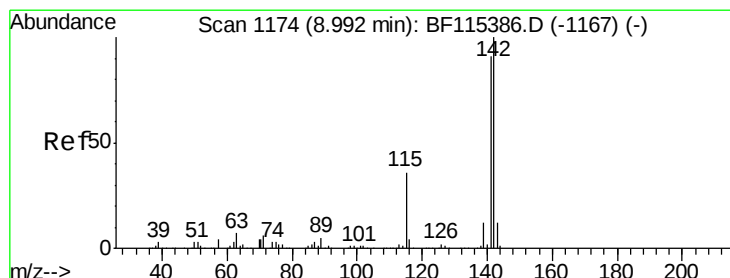
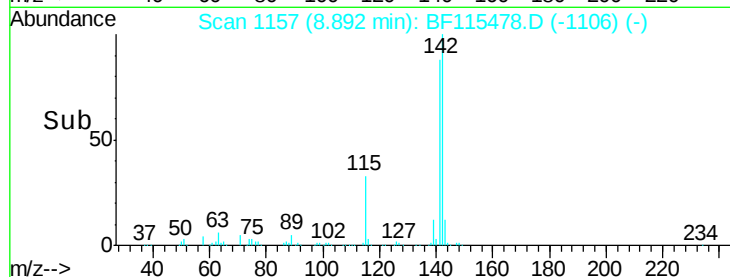
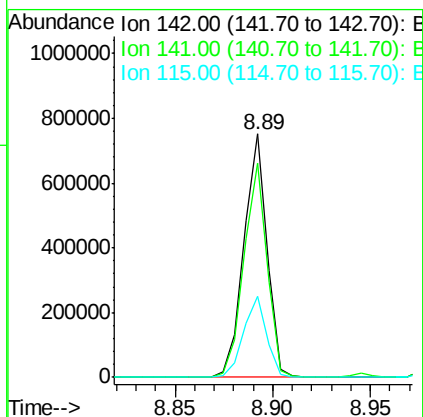
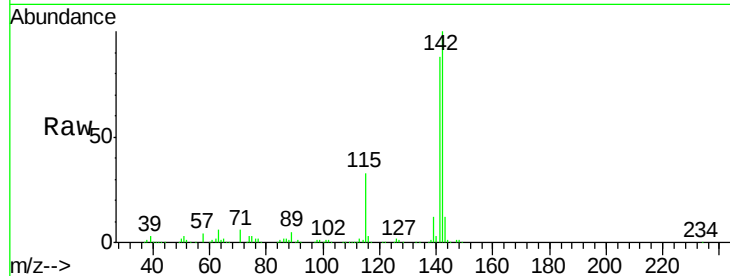
#37
2-Methylnaphthalene
Concen: 36.451 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	616738		
141	88.0	72.1	108.1	
115	33.5	27.6	41.4	

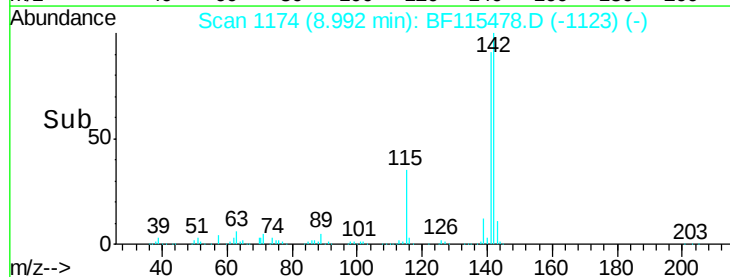
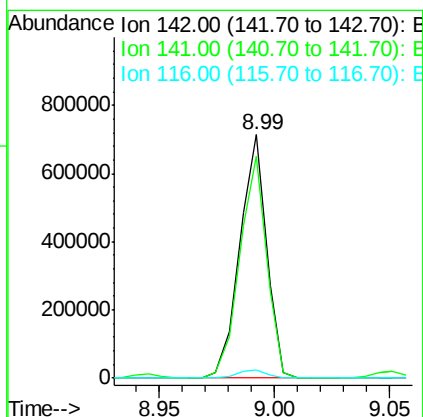
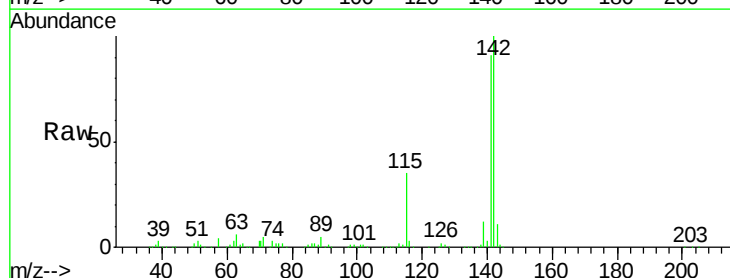
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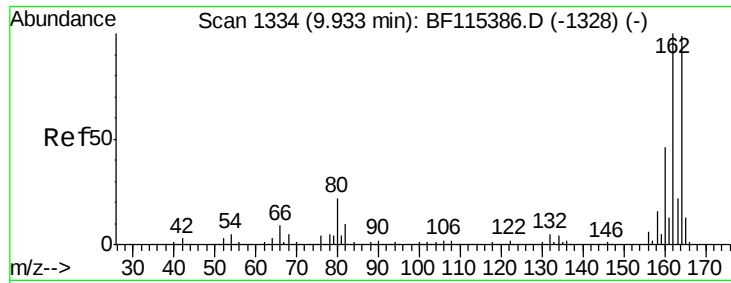
mohammad
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#38
1-Methylnaphthalene
Concen: 35.927 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	579993		
141	91.4	74.3	111.5	
116	3.5	3.1	4.7	





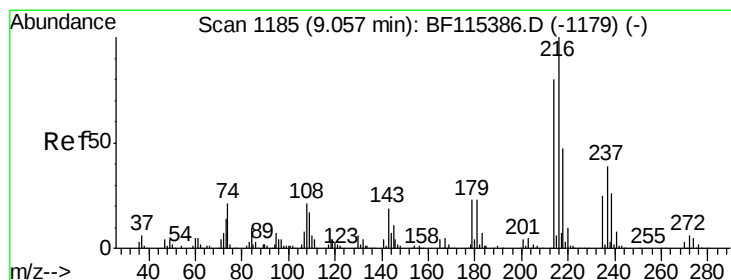
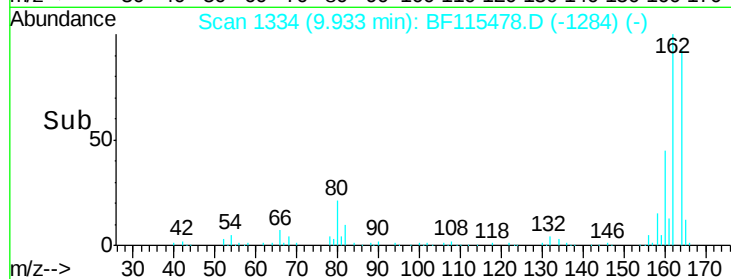
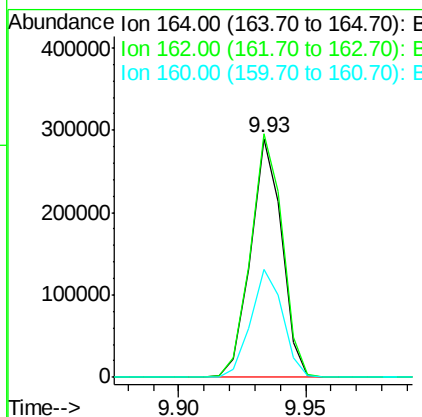
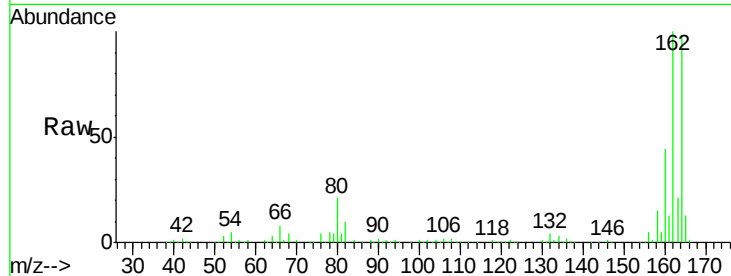
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247905		
162	102.1	82.3	123.5	
160	45.4	37.2	55.8	

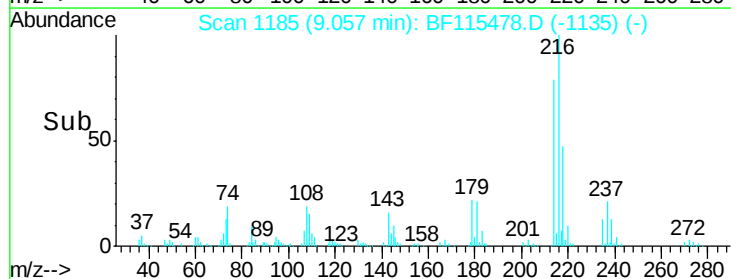
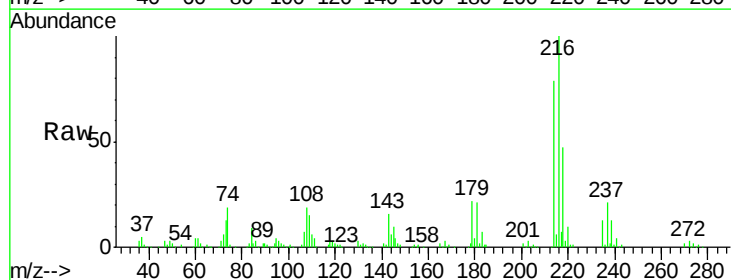
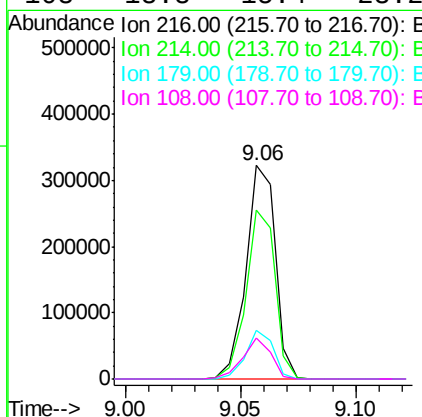
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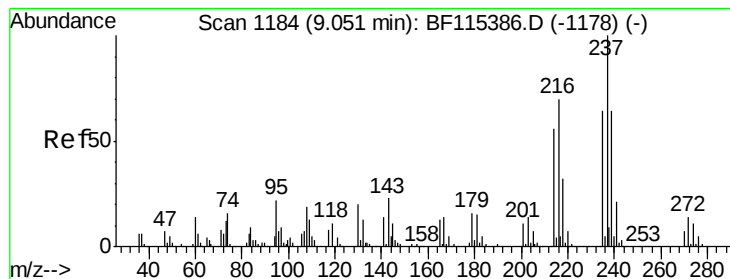
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.253 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	287077		
214	78.5	63.0	94.6	
179	21.6	17.4	26.0	
108	18.8	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 32.427 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

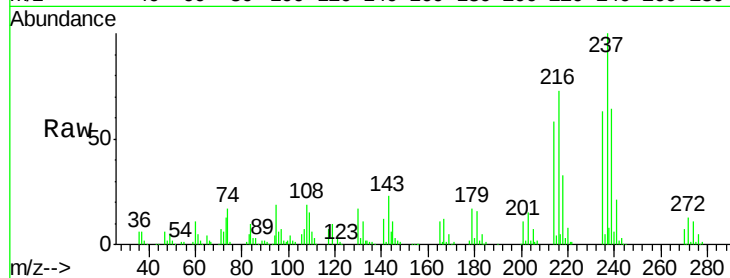
ClientSampleId :

VNJ-206-72-12017MS

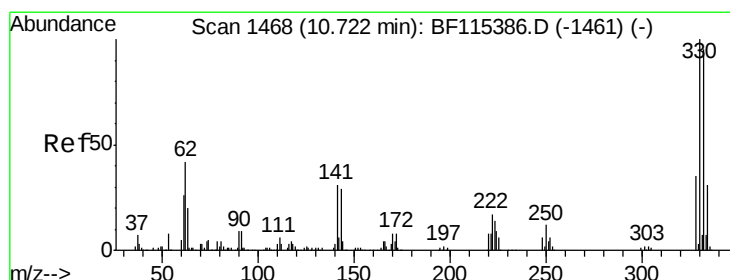
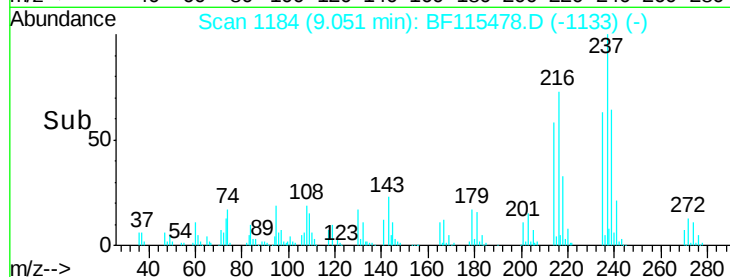
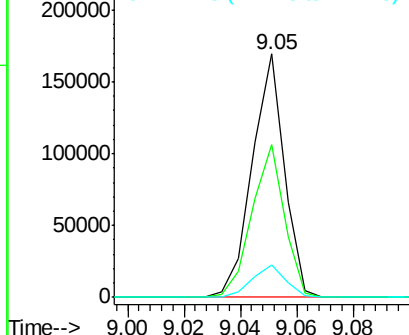
Tgt Ion:	237	Resp:	134038
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.4	83.4
272	13.3	0.0	33.6

Manual Integrations
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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: 122.717 ng

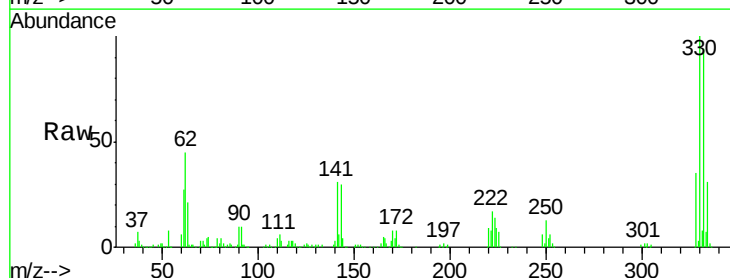
RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

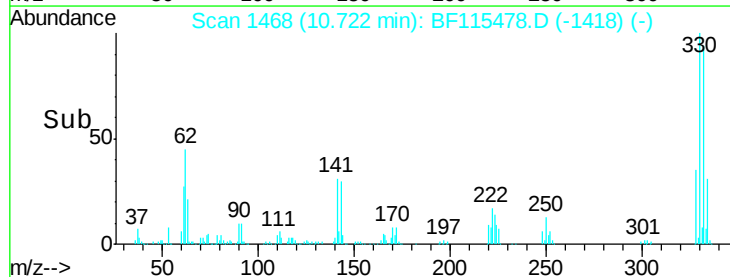
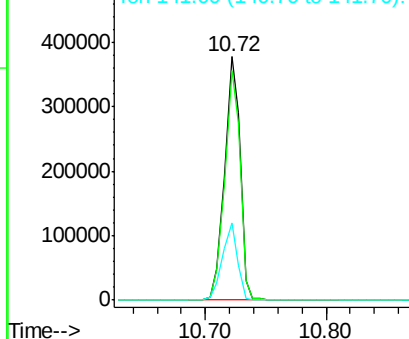
Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	330	Resp:	336369
Ion Ratio		Lower	Upper
330	100		
332	94.5	77.4	116.0
141	30.5	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





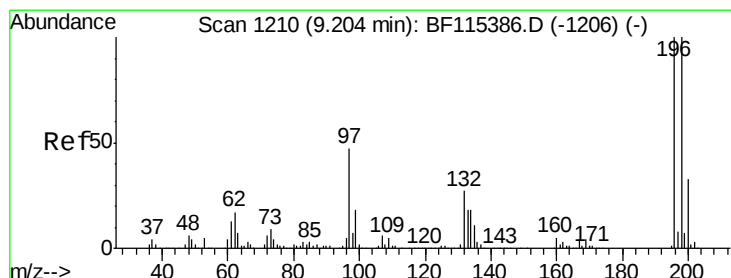
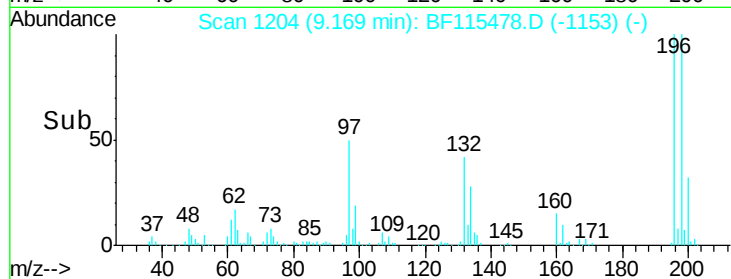
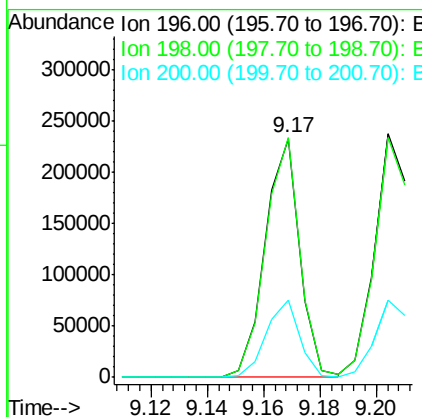
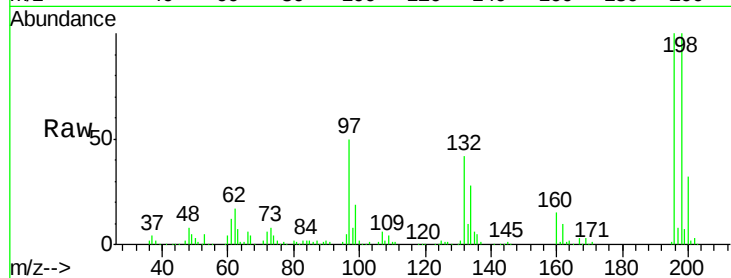
#43
 2,4,6-Trichlorophenol
 Concen: 38.216 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198427		
198	100.3	78.2	117.4	
200	32.1	25.0	37.6	

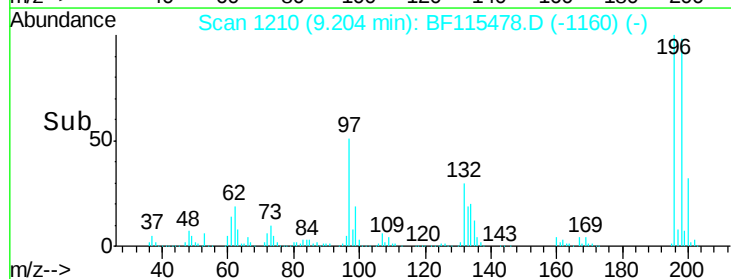
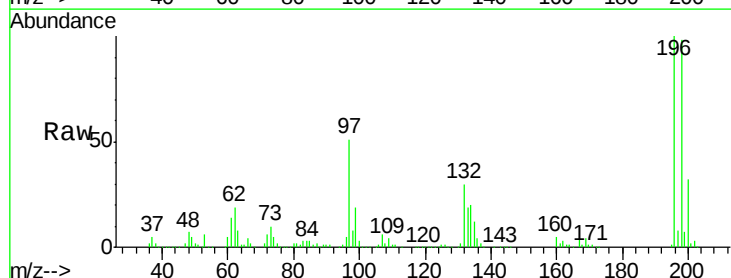
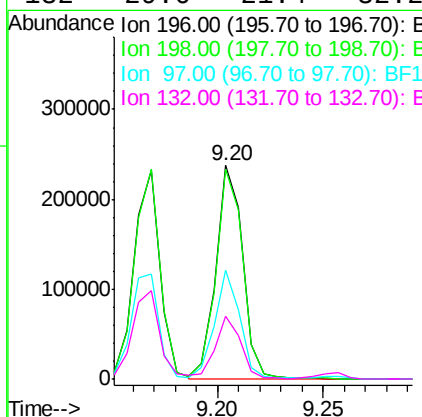
Manual Integrations
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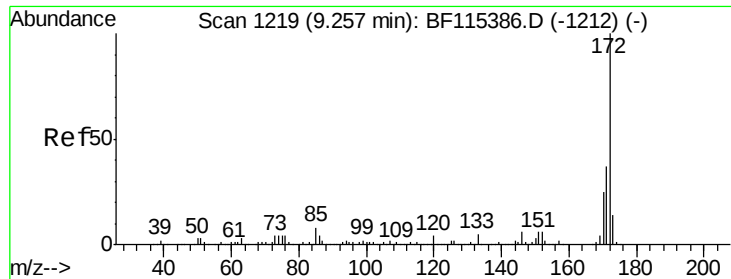
mohammad
 7/11/2019 5:22:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.795 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208872		
198	98.3	80.6	120.8	
97	51.2	34.0	51.0#	
132	29.6	21.4	32.2	





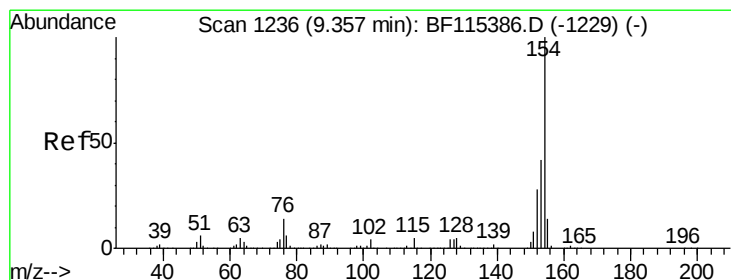
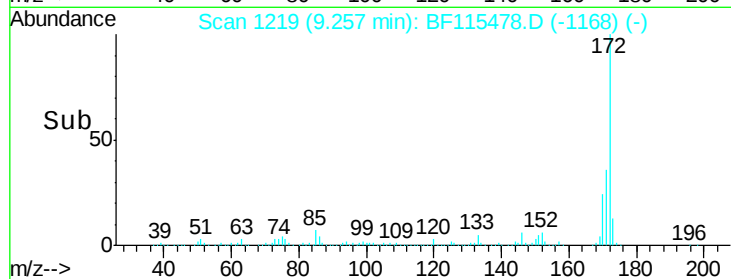
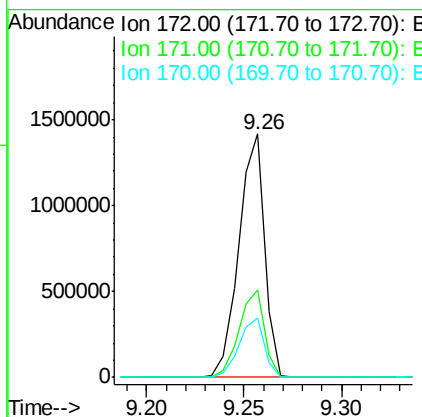
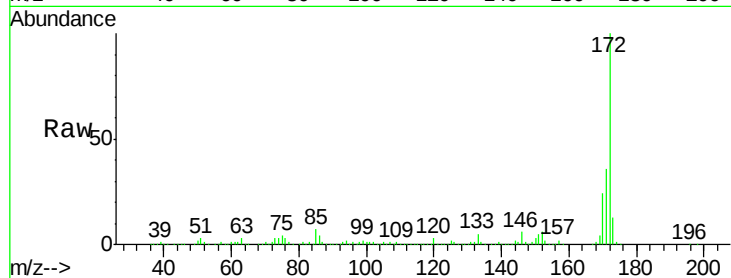
#45
2-Fluorobiphenyl
Concen: 91.294 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion:172 Resp: 1289769
Ion Ratio Lower Upper
172 100
171 35.7 29.8 44.8
170 24.3 20.0 30.0

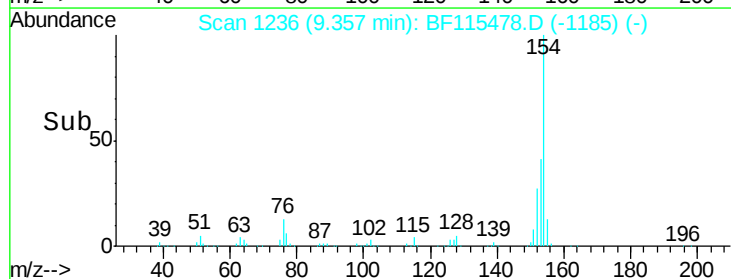
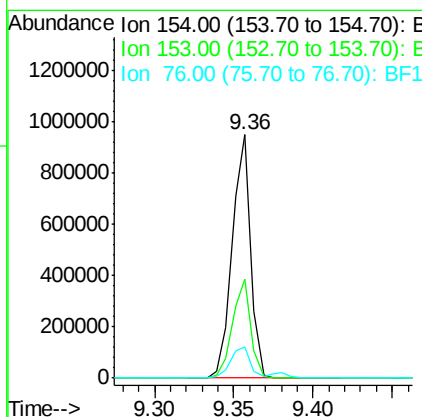
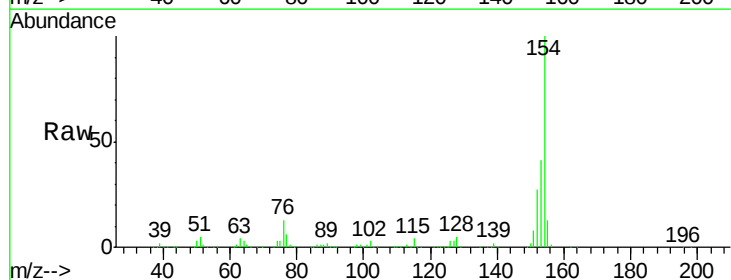
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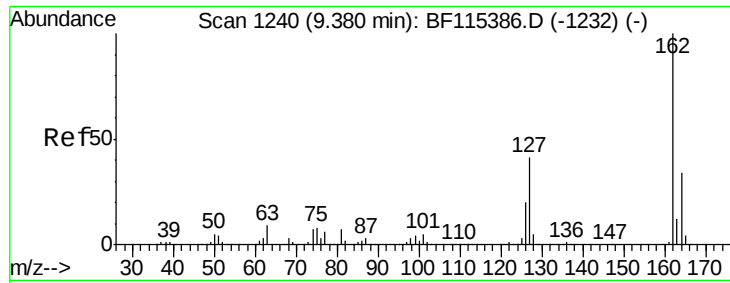
mohammad
7/11/2019 5:22:33 PM



#46
1,1'-Biphenyl
Concen: 39.207 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion:154 Resp: 764117
Ion Ratio Lower Upper
154 100
153 40.8 21.5 61.5
76 12.6 0.0 34.6





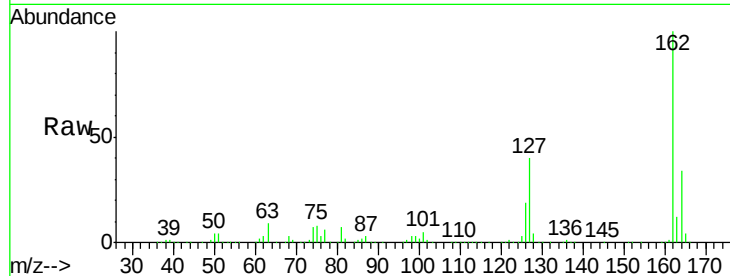
#47
 2-Chloronaphthalene
 Concen: 37.328 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

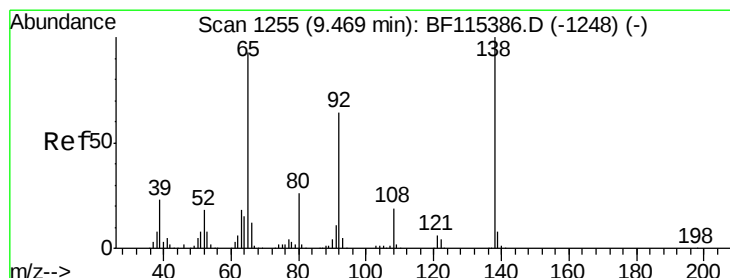
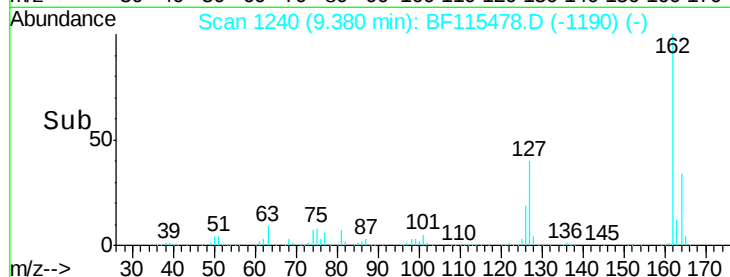
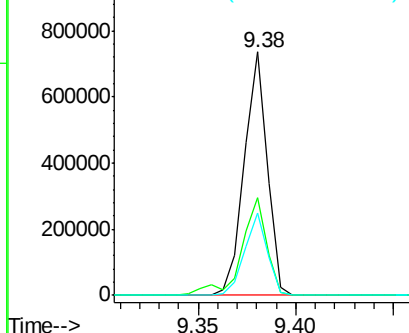
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.1	31.4	47.0
164	33.6	27.2	40.8

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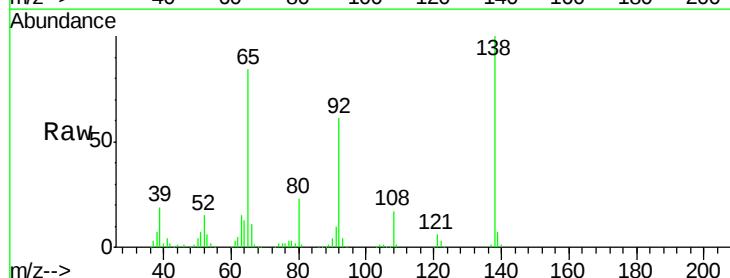


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

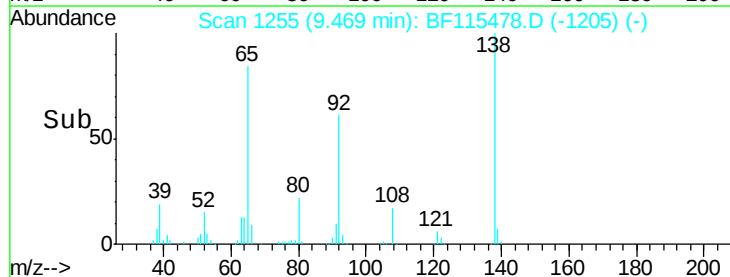
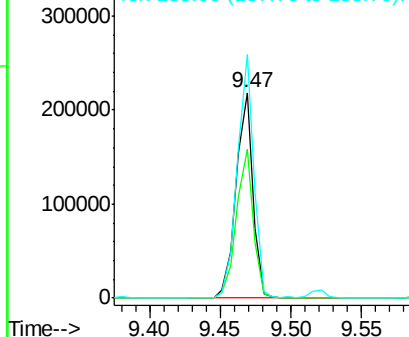


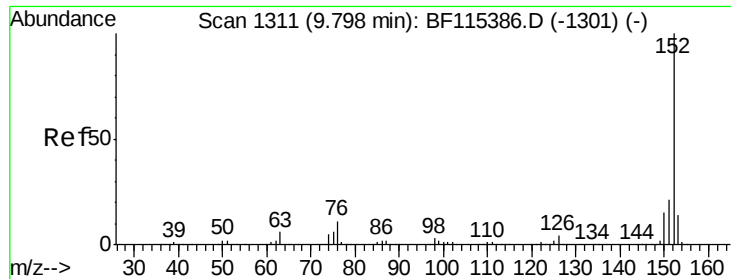
#48
 2-Nitroaniline
 Concen: 38.478 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	72.3	59.0	88.4
138	118.5	98.3	147.5



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





#49

Acenaphthylene

Concen: 38.116 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

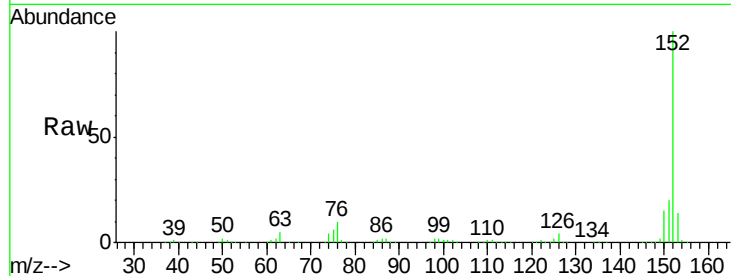
ClientSampleId :

VNJ-206-72-12017MS

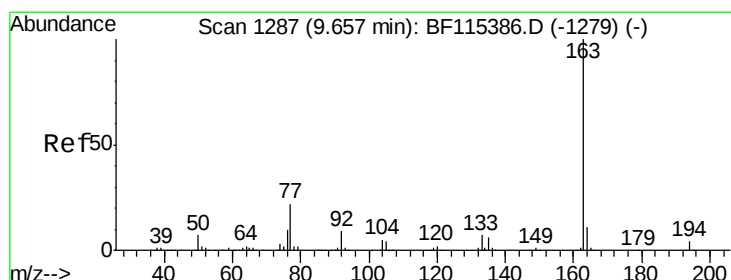
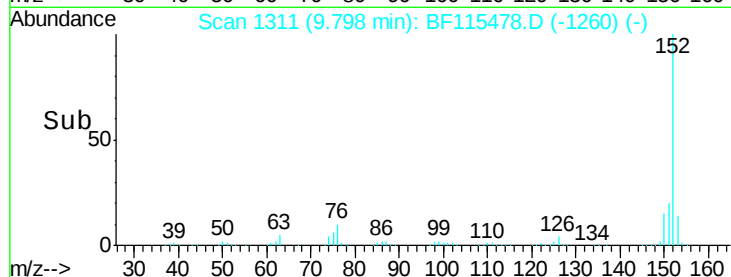
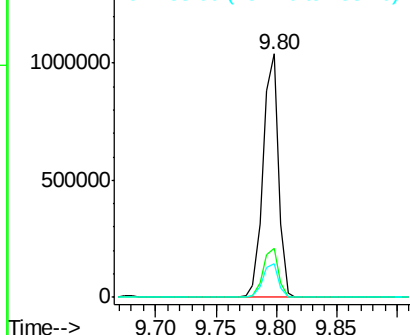
Tgt Ion:	152	Resp:	929538
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.1	25.7
153	13.8	11.8	17.6

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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: 51.130 ng

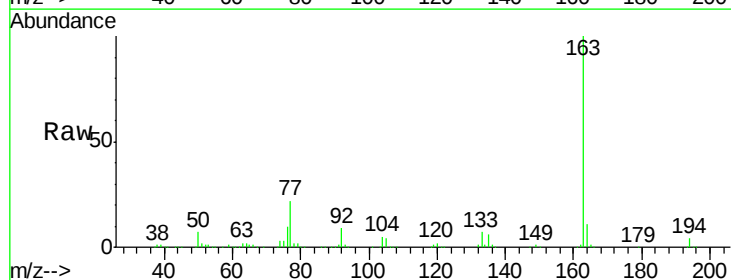
RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

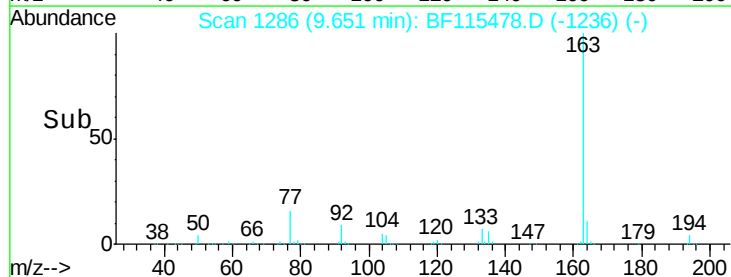
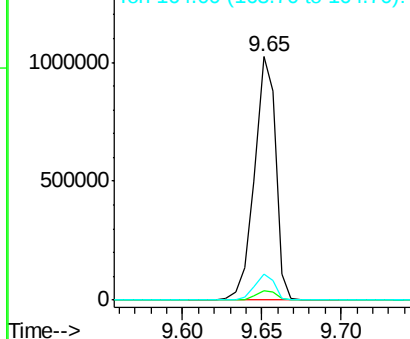
Lab File: BF115478.D

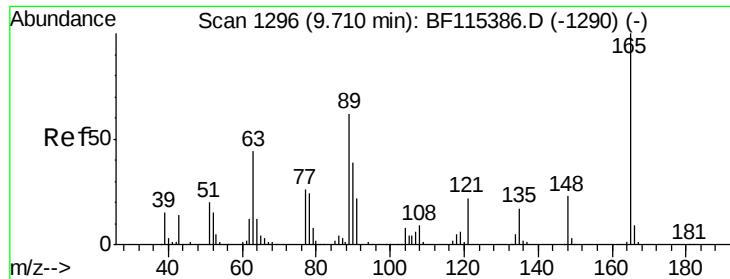
Acq: 11 Jul 2019 1:41

Tgt Ion:	163	Resp:	951378
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.6	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





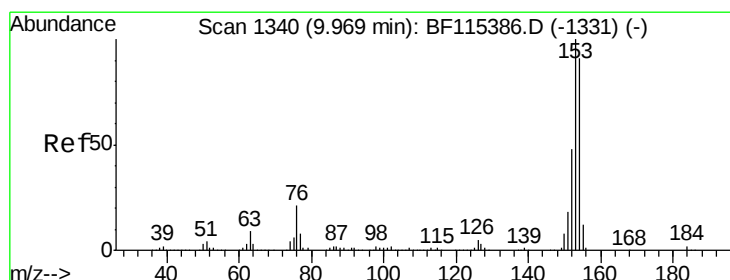
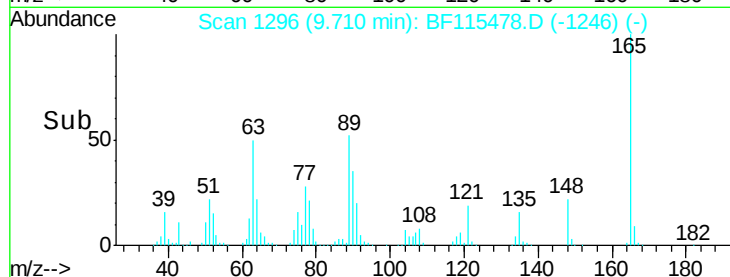
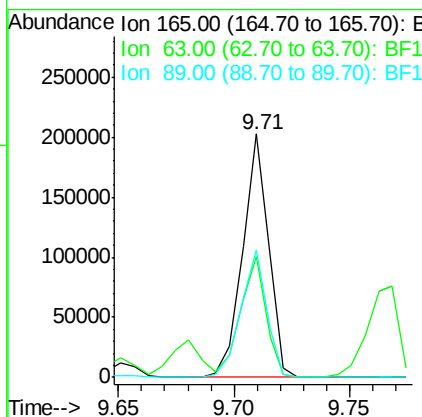
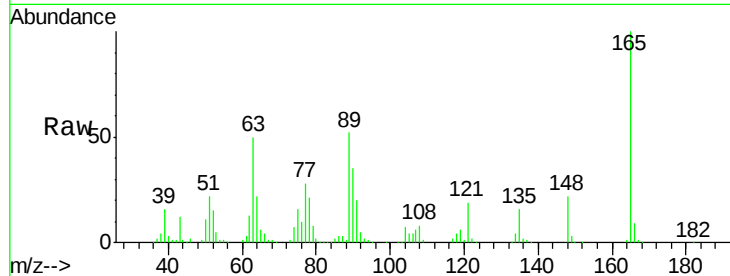
#51
 2,6-Dinitrotoluene
 Concen: 39.325 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.8	39.7	59.5
89	52.4	42.8	64.2

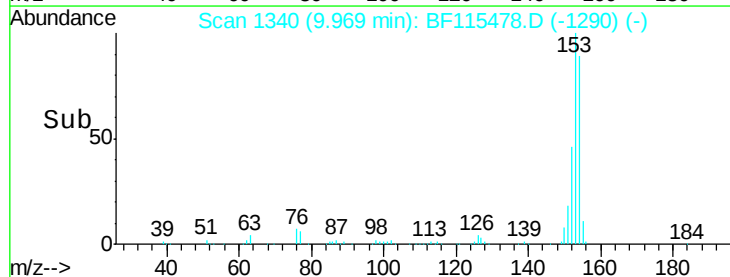
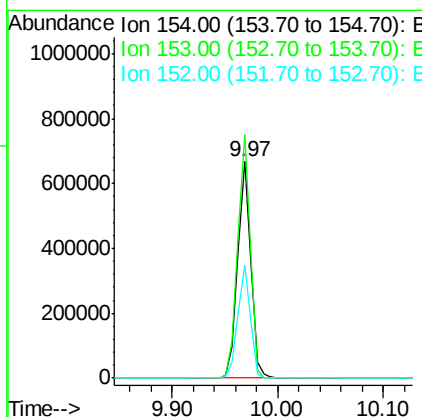
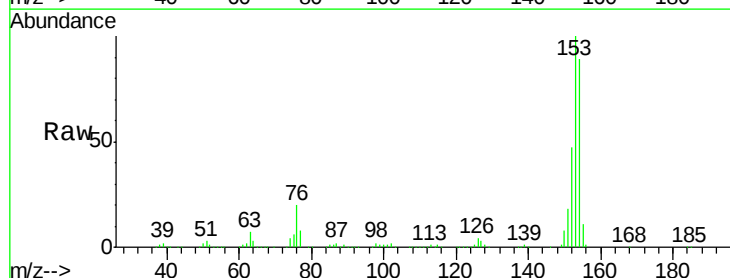
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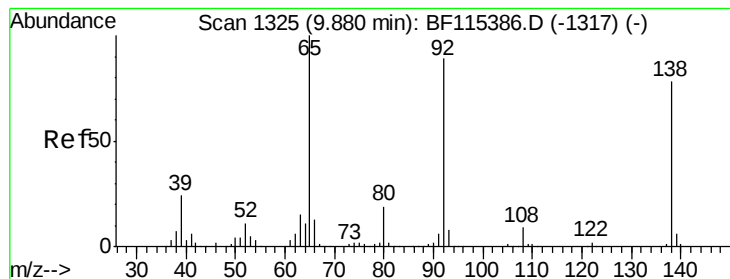
mohammad
 7/11/2019 5:22:33 PM



#52
 Acenaphthene
 Concen: 36.595 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.5	89.8	134.8
152	52.5	41.4	62.0





#53

3-Nitroaniline

Concen: 19.640 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

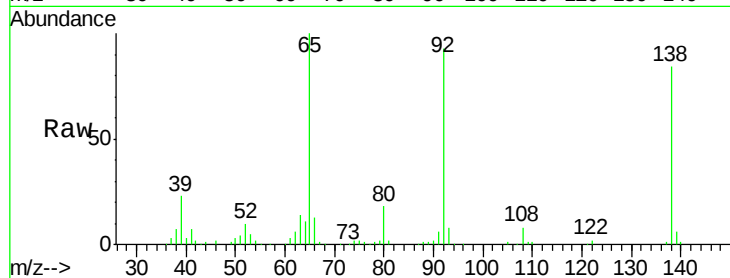
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.5	12.7
92	110.7	86.1	129.1

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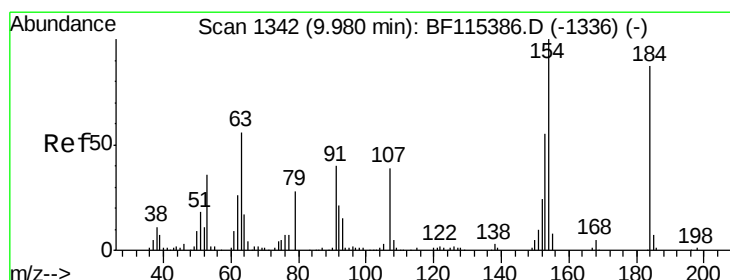
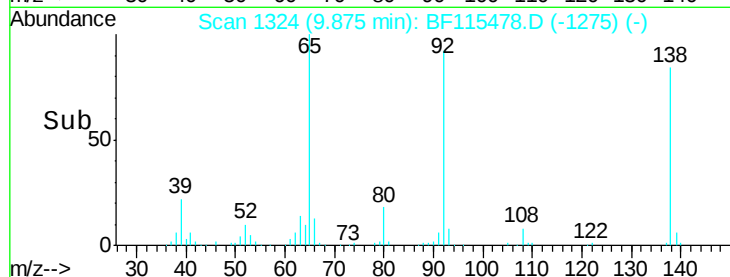
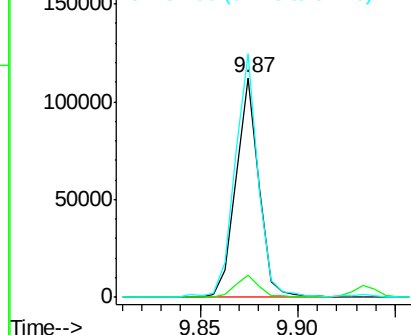
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 27.613 ng

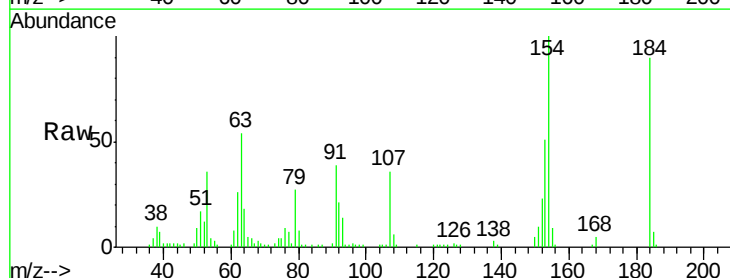
RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

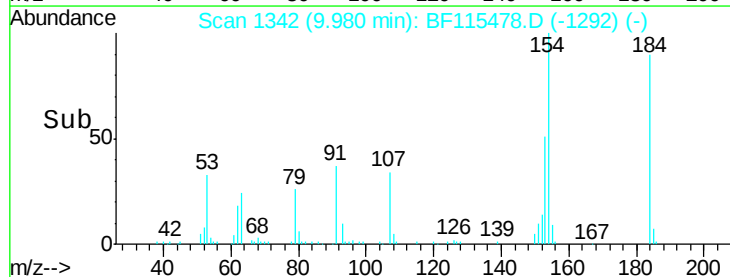
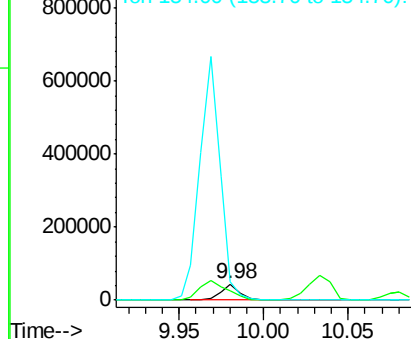
Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	45.8	68.6
154	111.3	52.8	79.2#

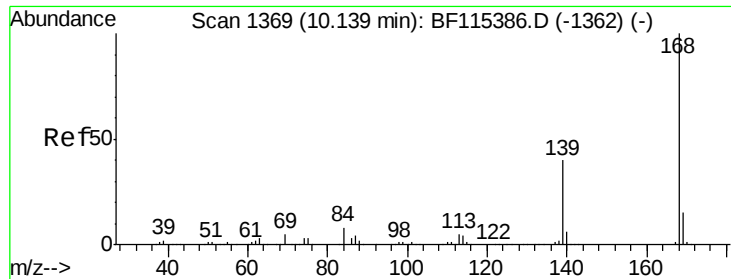


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





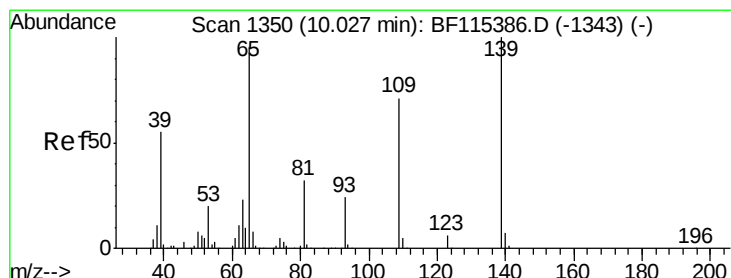
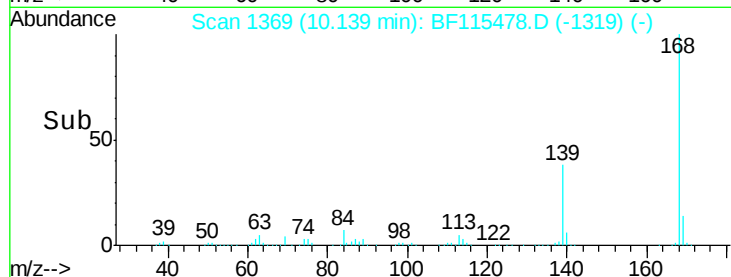
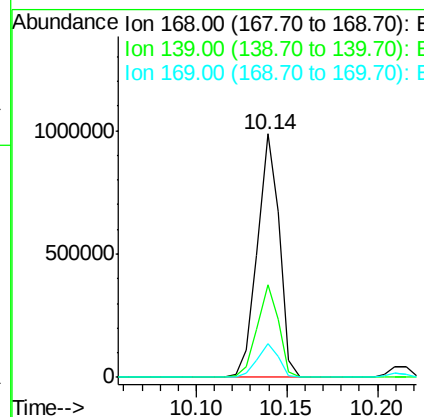
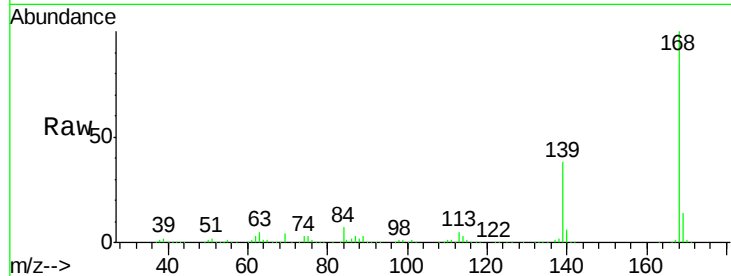
#55
Dibenzenofuran
Concen: 38.433 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	830939		
139	38.2	30.6	46.0	
169	13.7	11.0	16.6	

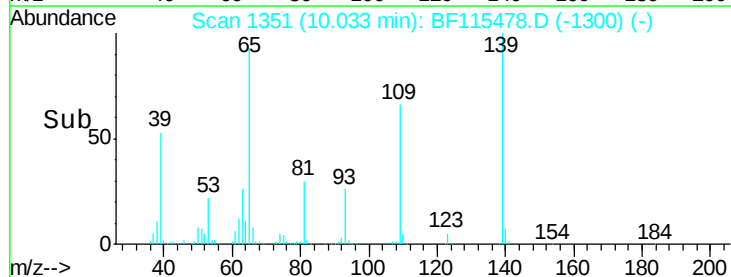
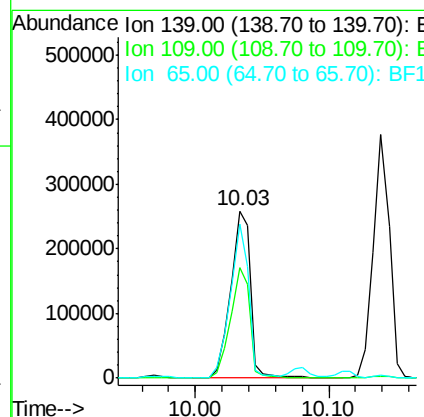
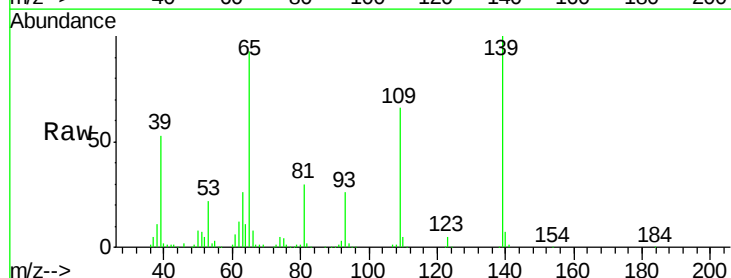
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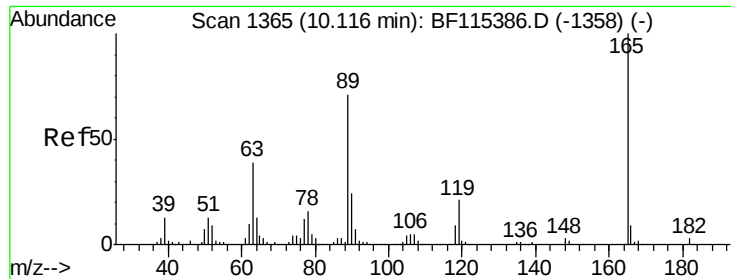
mohammad
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#56
4-Nitrophenol
Concen: 75.577 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	274059		
109	66.2	46.4	86.4	
65	92.7	73.4	113.4	





#57

2,4-Dinitrotoluene

Concen: 41.262 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

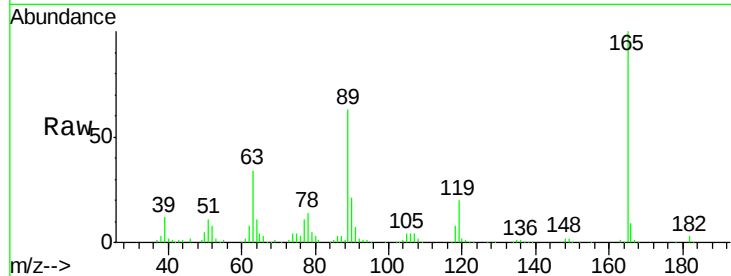
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211614		
63	33.7	33.0	49.4	
89	63.4	58.5	87.7	
182	2.9	2.1	3.1	

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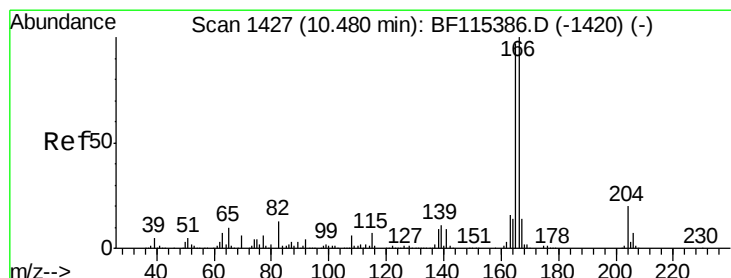
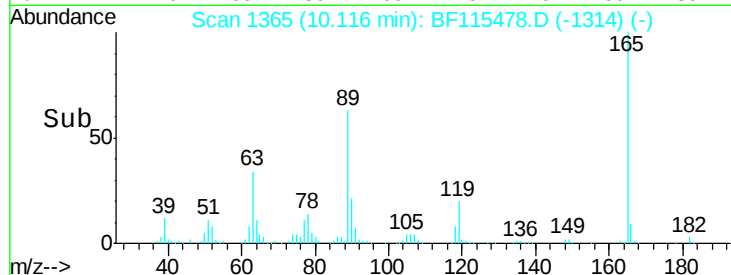
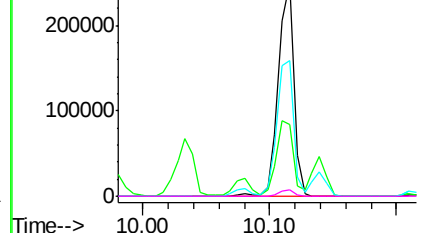


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.131 ng

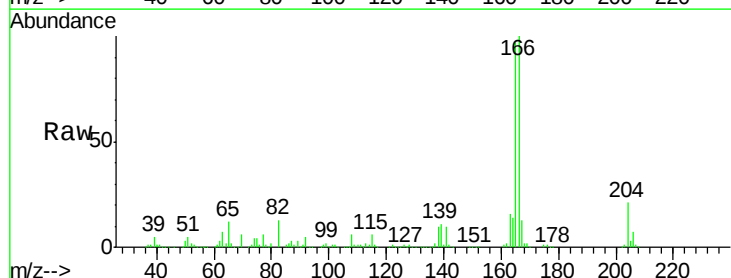
RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

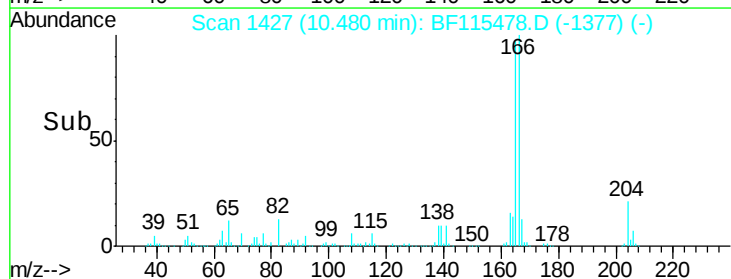
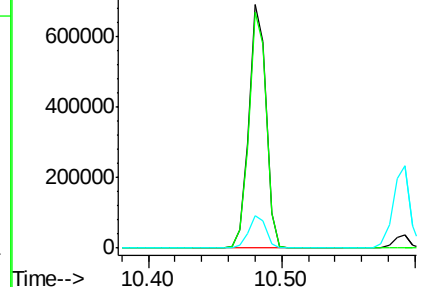
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	615790		
165	96.7	78.7	118.1	
167	13.5	10.8	16.2	

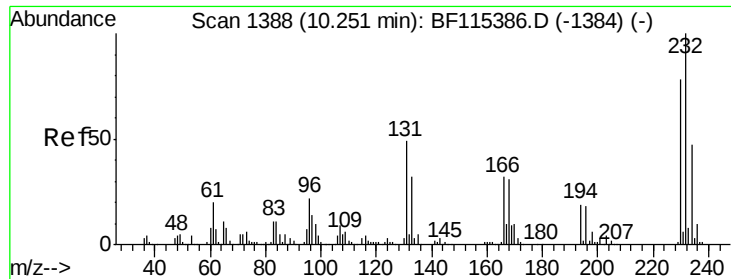


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





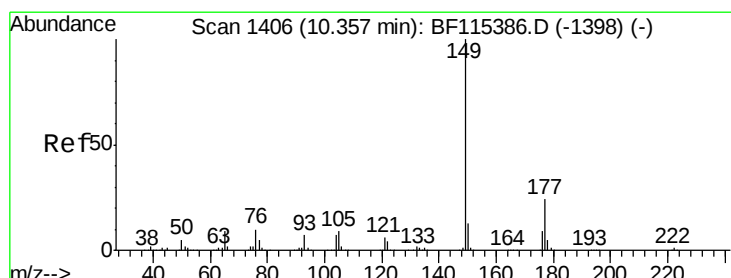
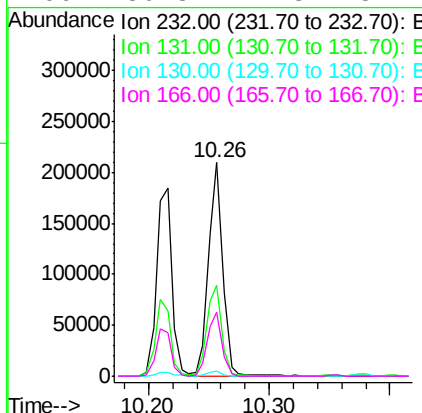
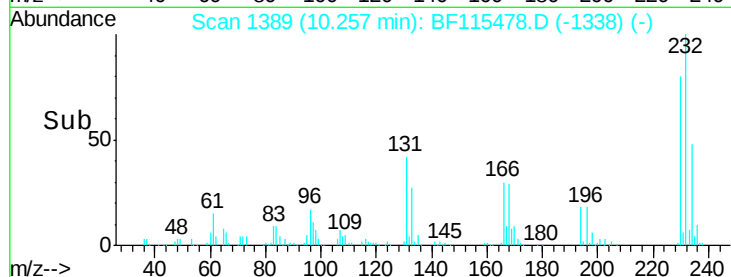
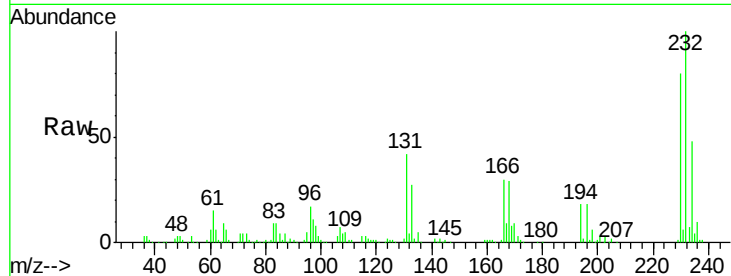
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.027 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.4	53.0
130	2.1	1.7	2.5
166	30.3	24.8	37.2

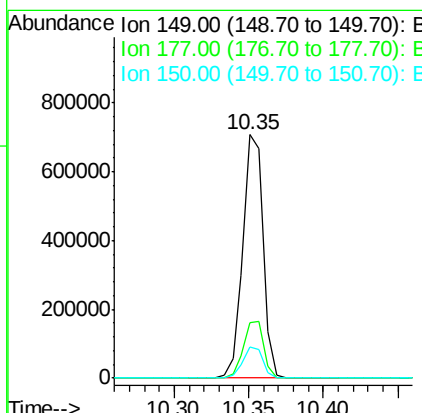
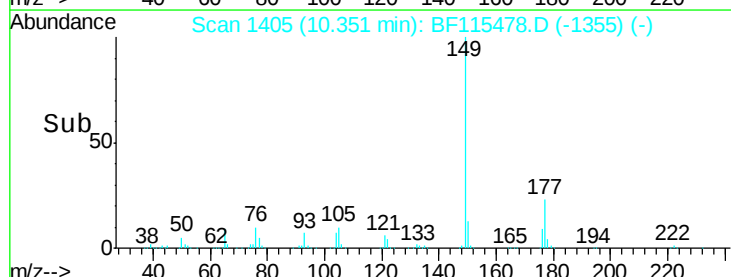
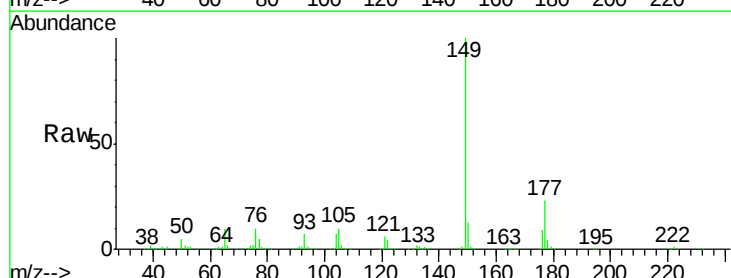
Manual Integrations
 APPROVED

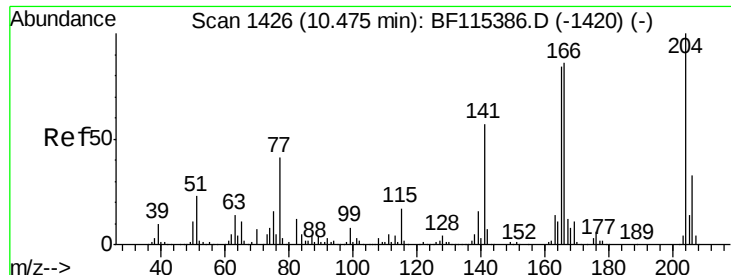
mohammad
 7/11/2019 5:22:33 PM



#60
 Diethylphthalate
 Concen: 36.324 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.0	28.4
150	12.8	10.4	15.6





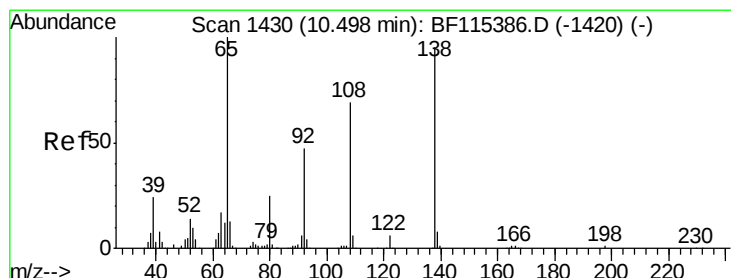
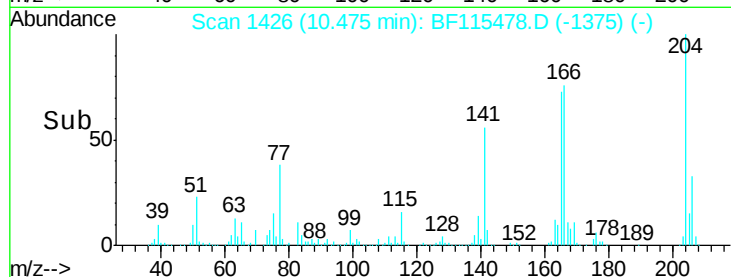
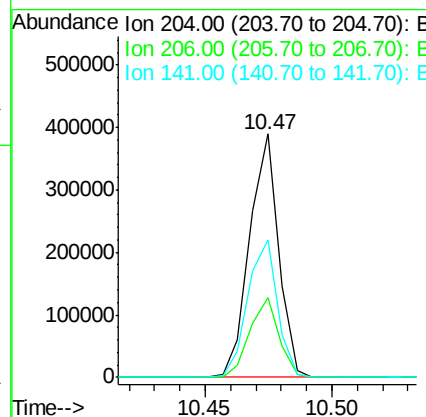
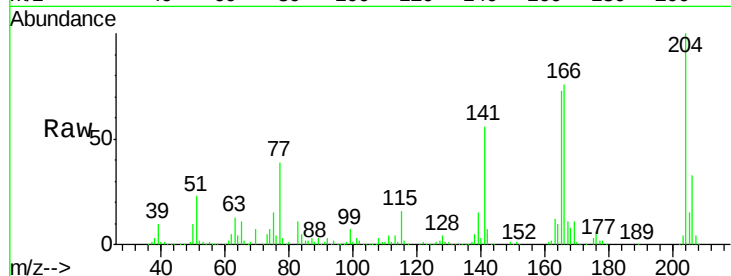
#61
 4-Chlorophenyl-phenylether
 Concen: 37.337 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion:	204	Resp:	310584
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.8	40.2
141	56.4	47.9	71.9

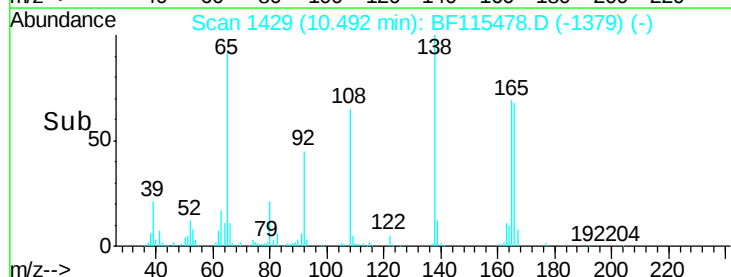
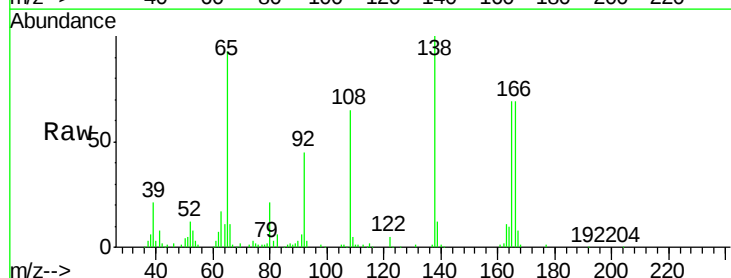
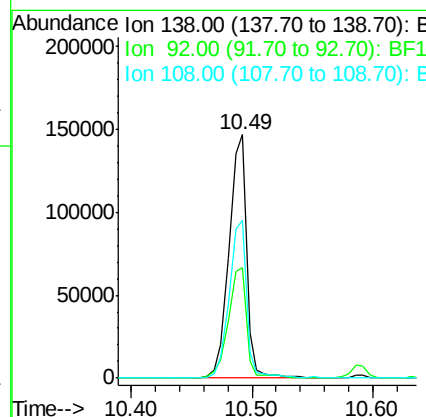
Manual Integrations
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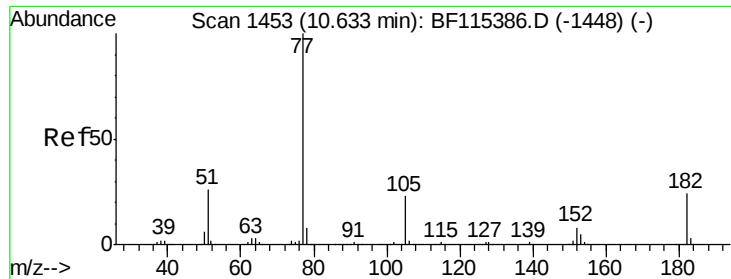
mohammad
 7/11/2019 5:22:33 PM



#62
 4-Nitroaniline
 Concen: 32.586 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion:	138	Resp:	149918
Ion Ratio	Lower	Upper	
138	100		
92	45.1	29.9	69.9
108	64.9	49.0	89.0





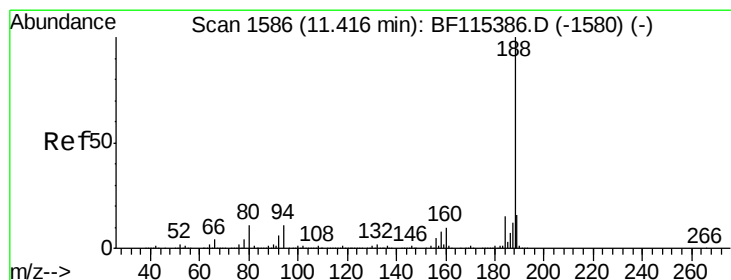
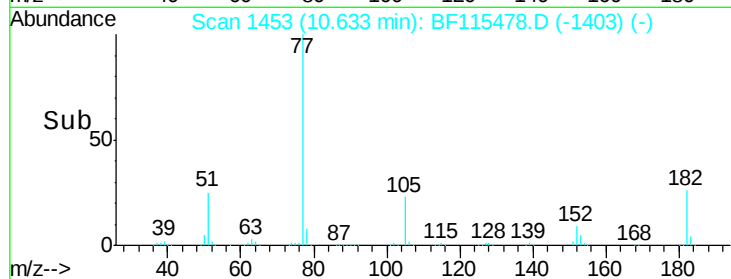
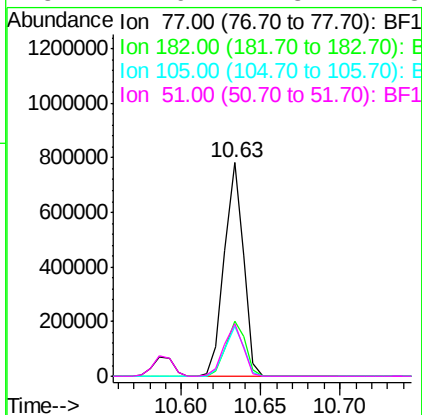
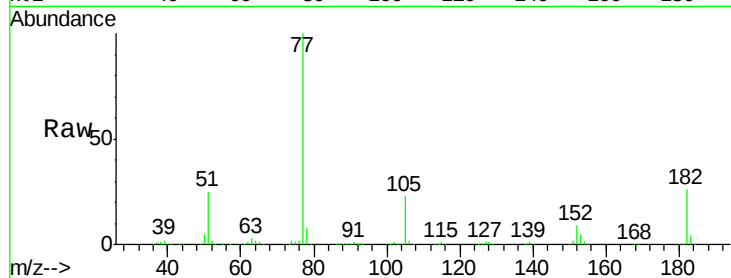
#63
Azobenzene
Concen: 34.577 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.7	47.7
105	23.2	3.6	43.6
51	24.9	4.8	44.8

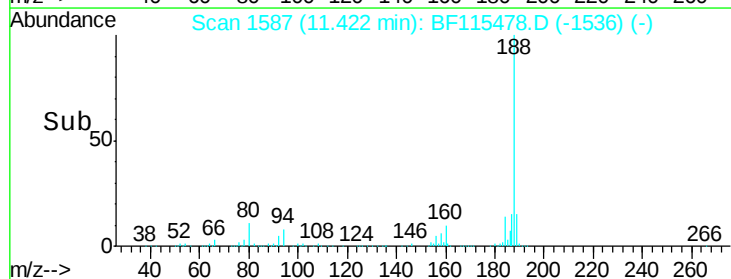
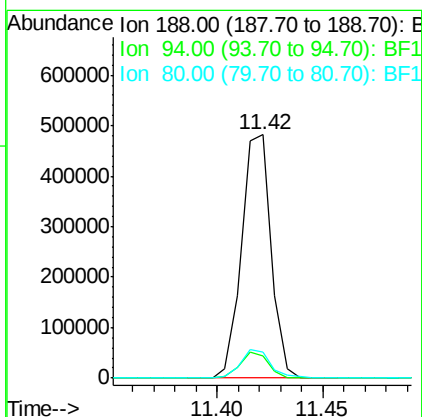
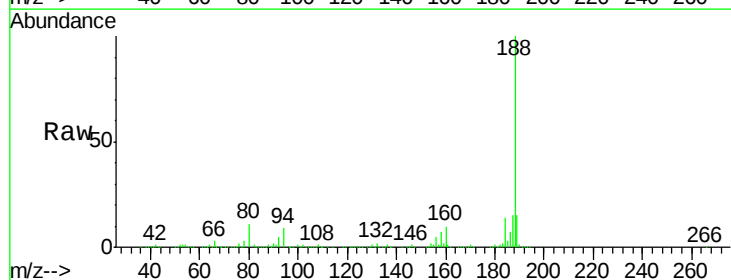
Manual Integrations
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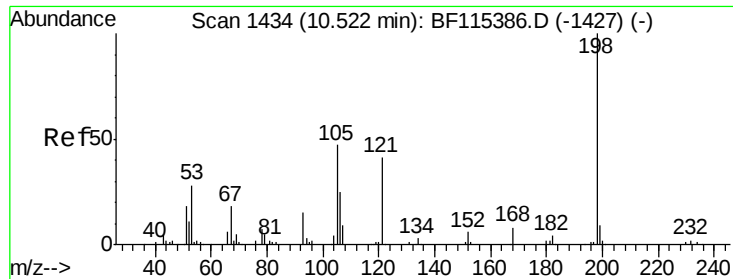
mohammad
7/11/2019 5:22:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.8
80	10.8	8.4	12.6





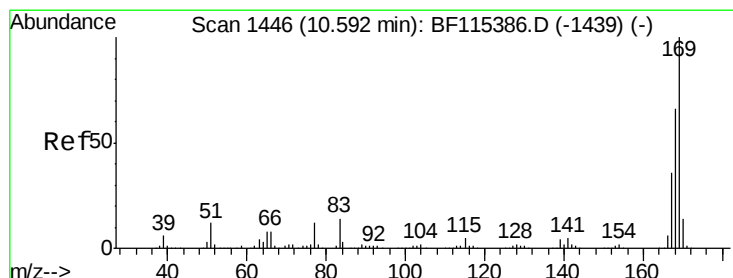
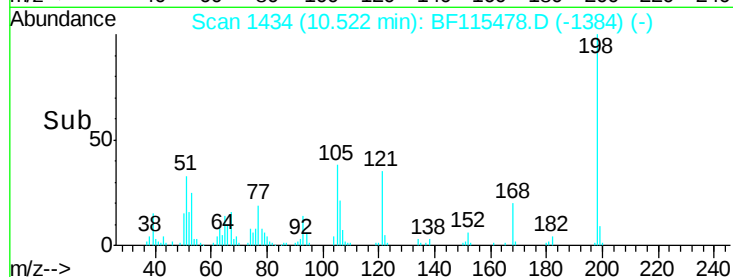
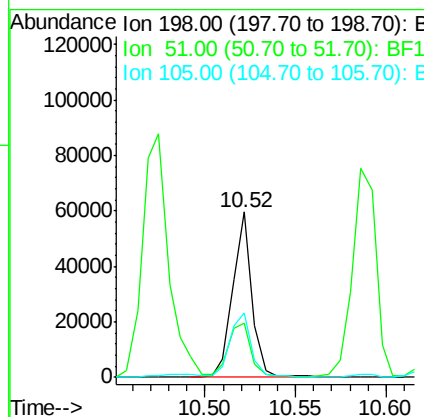
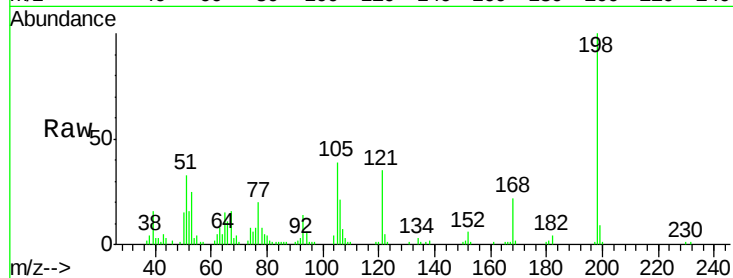
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.495 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	32.9	20.7	60.7
105	39.1	25.3	65.3

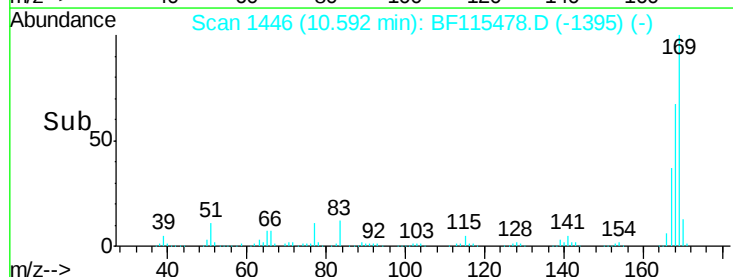
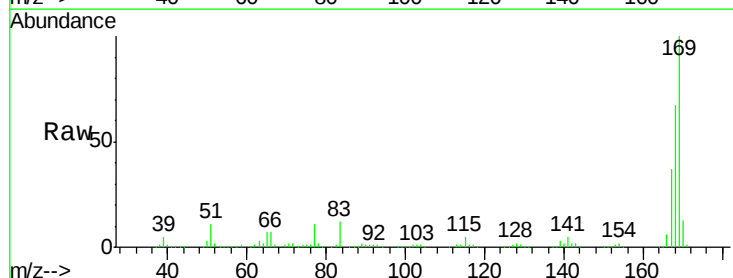
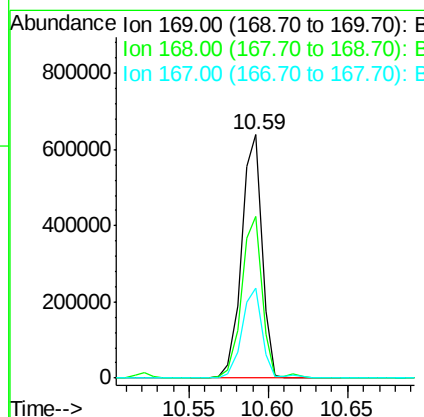
Manual Integrations
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 7/11/2019 5:22:33 PM



#66
 n-Nitrosodiphenylamine
 Concen: 38.568 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	36.8	29.4	44.2





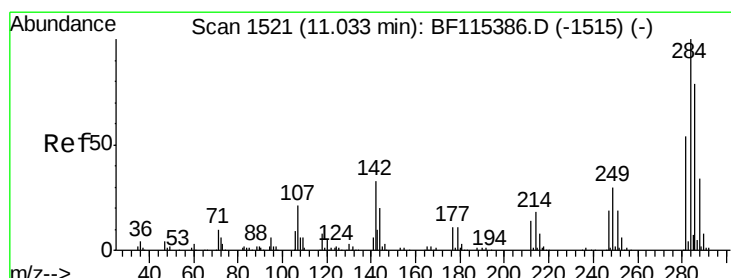
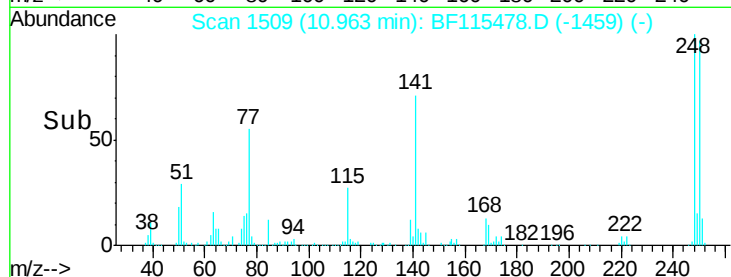
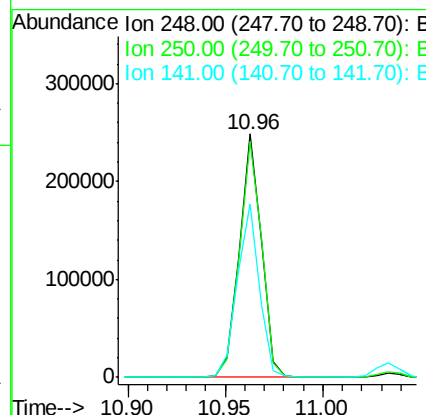
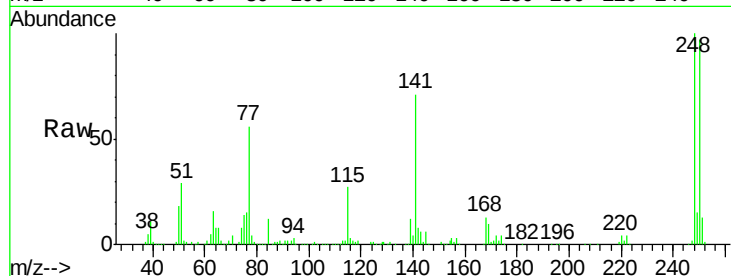
#67
 4-Bromophenyl-phenylether
 Concen: 37.135 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.3	117.5
141	71.0	52.2	78.2

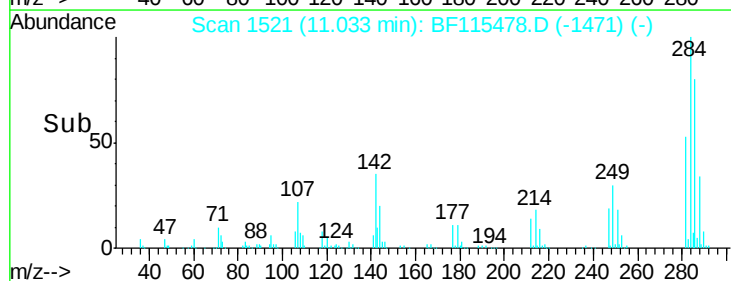
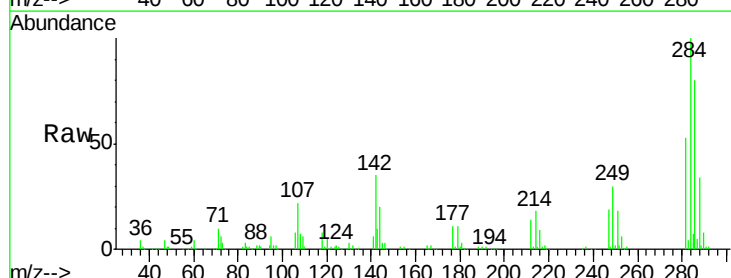
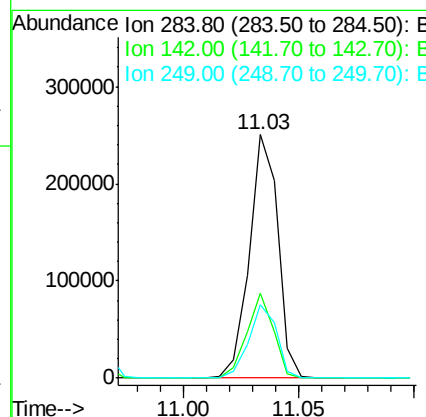
Manual Integrations
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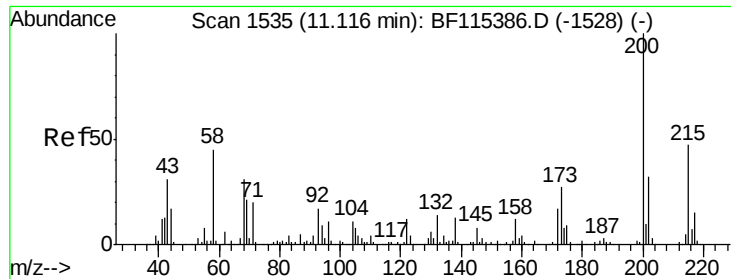
mohammad
 7/11/2019 5:22:33 PM



#68
 Hexachlorobenzene
 Concen: 36.671 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	23.9	35.9
249	30.3	23.6	35.4





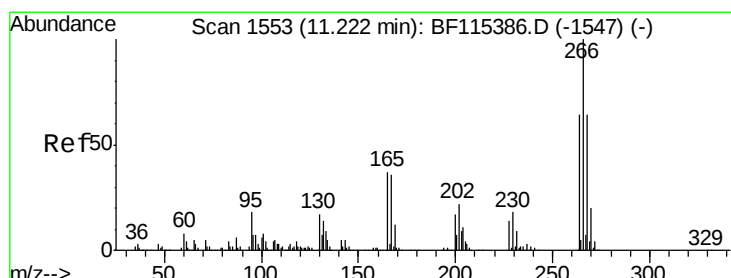
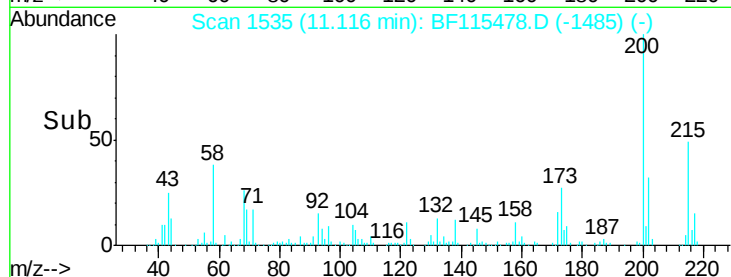
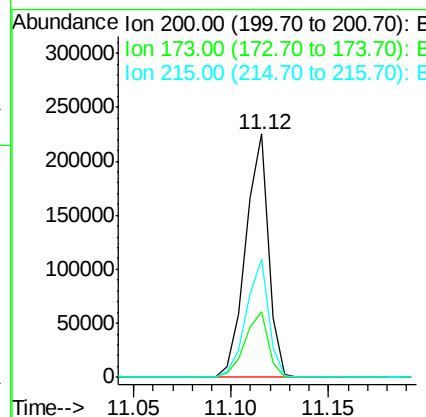
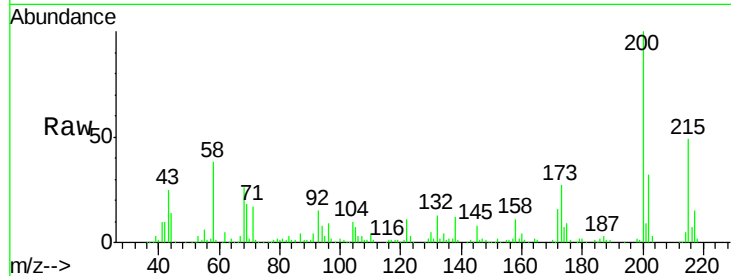
#69
 Atrazine
 Concen: 40.241 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	183444		
173	26.9	7.0	47.0	
215	48.6	27.8	67.8	

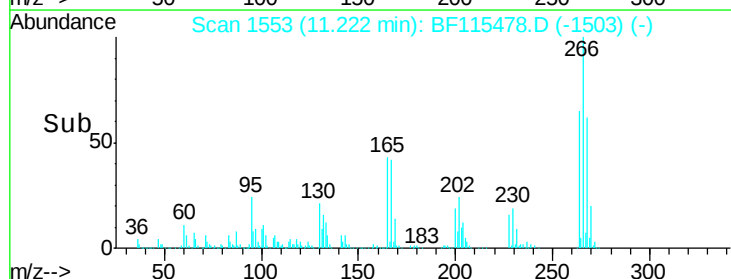
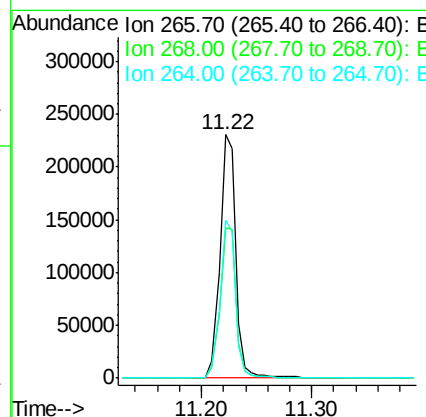
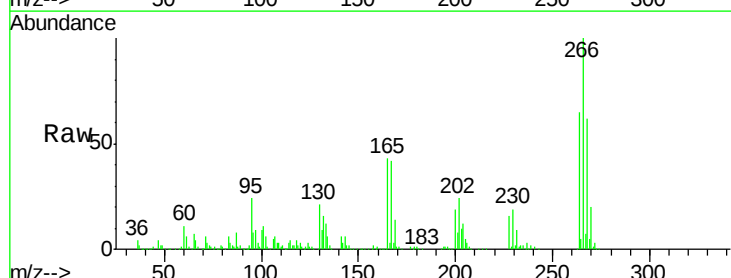
Manual Integrations
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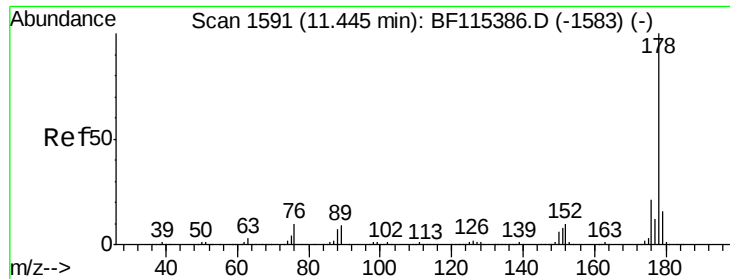
mohammad
 7/11/2019 5:22:33 PM



#70
 Pentachlorophenol
 Concen: 63.713 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	228557		
268	61.9	51.2	76.8	
264	64.6	50.6	75.8	





#71

Phenanthrene

Concen: 38.279 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

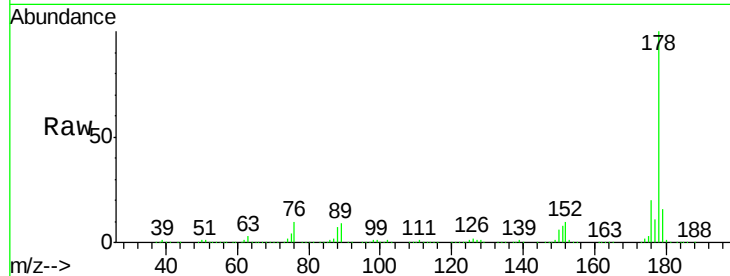
ClientSampleId :

VNJ-206-72-12017MS

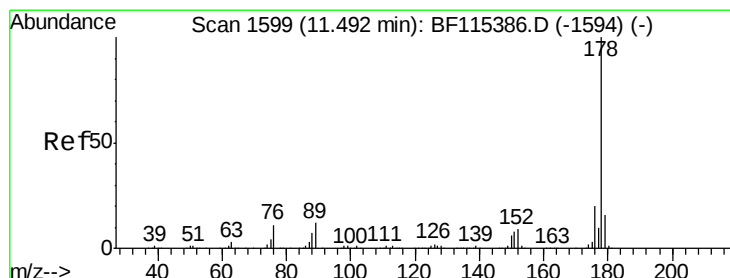
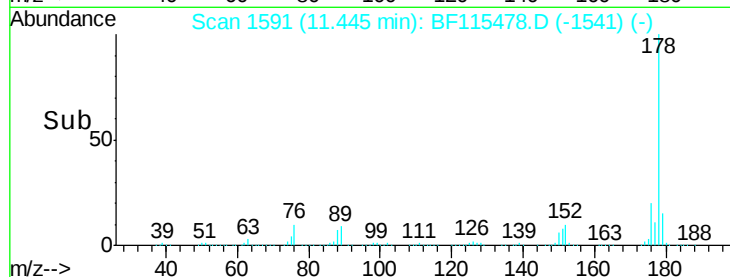
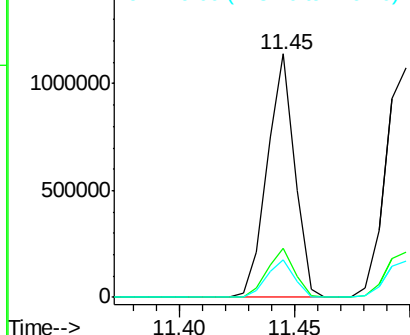
Tgt Ion:	178	Resp:	941167
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.6	24.8
179	15.5	12.7	19.1

Manual Integrations
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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: 38.697 ng

RT: 11.50 min Scan# 1600

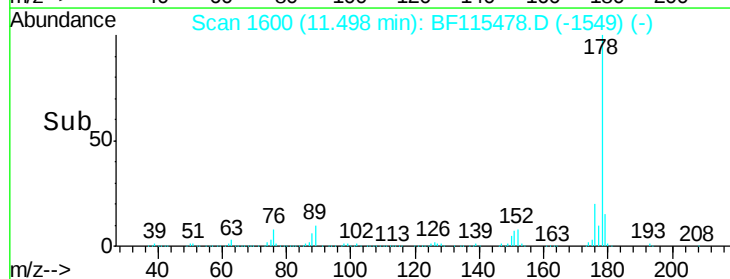
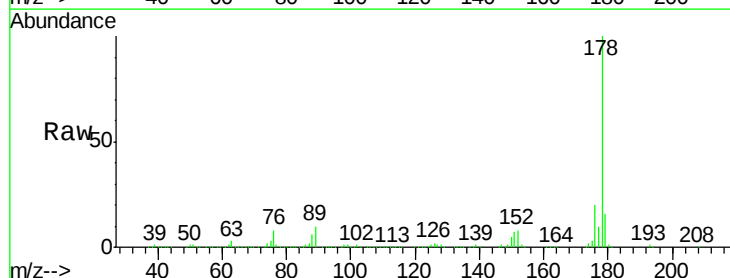
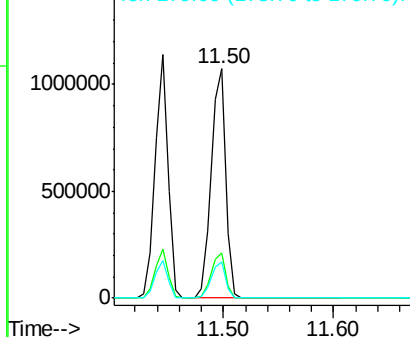
Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	178	Resp:	954089
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.6
179	15.6	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





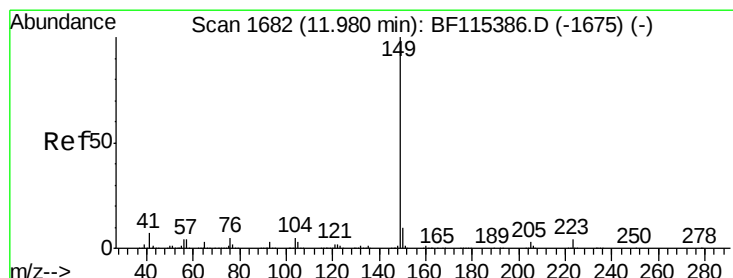
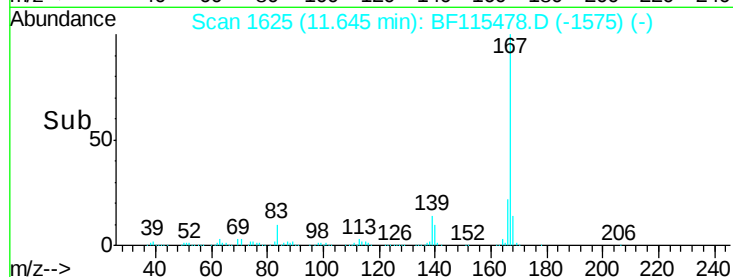
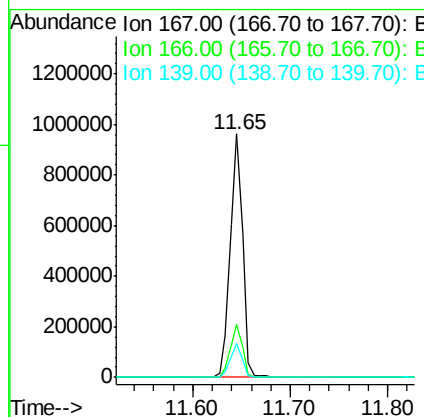
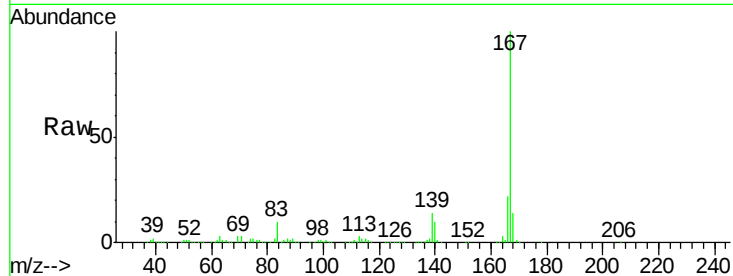
#73
 Carbazole
 Concen: 37.725 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.6	10.9	16.3

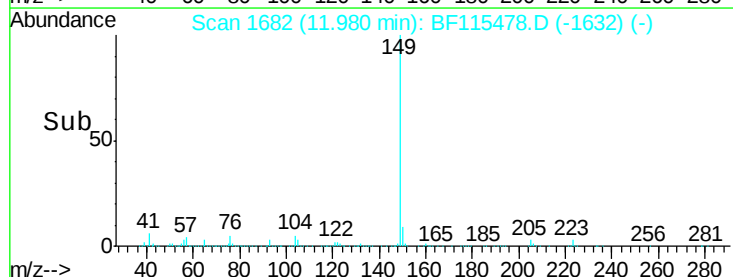
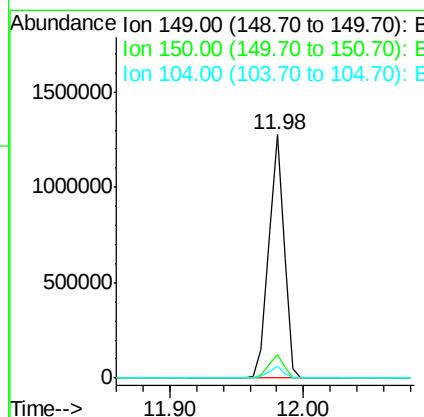
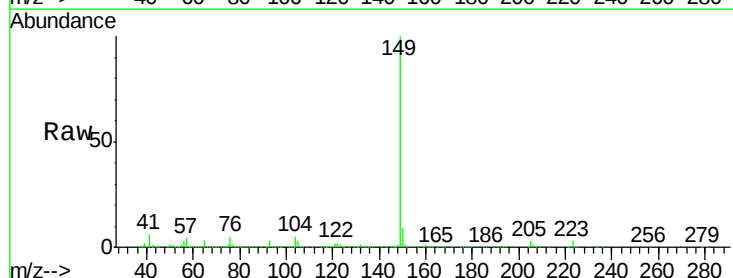
Manual Integrations
 APPROVED

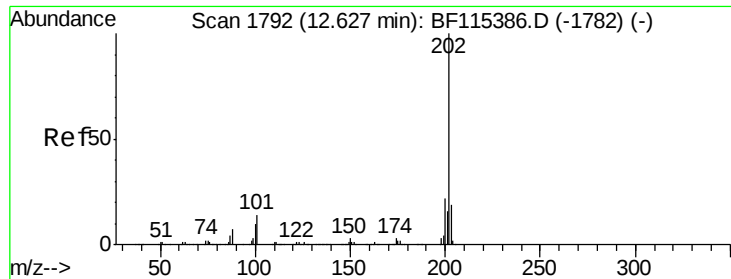
mohammad
 7/11/2019 5:22:33 PM



#74
 Di-n-butylphthalate
 Concen: 37.438 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115478.D
 Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 43.366 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

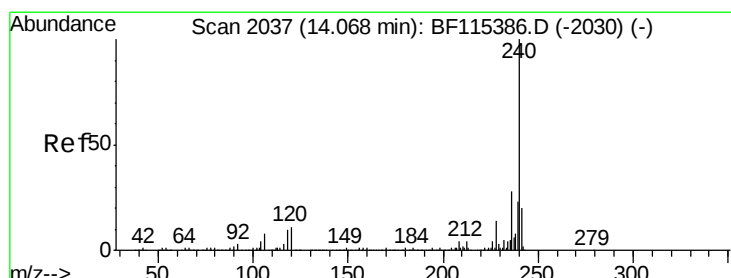
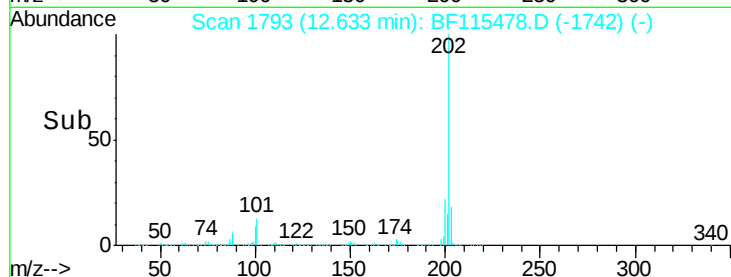
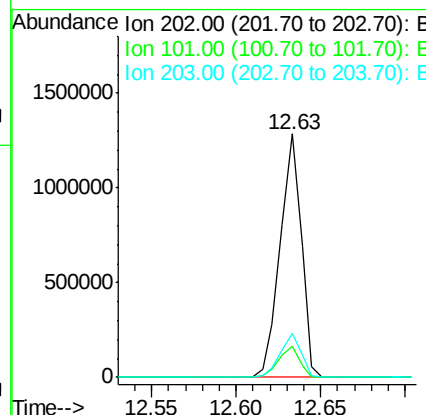
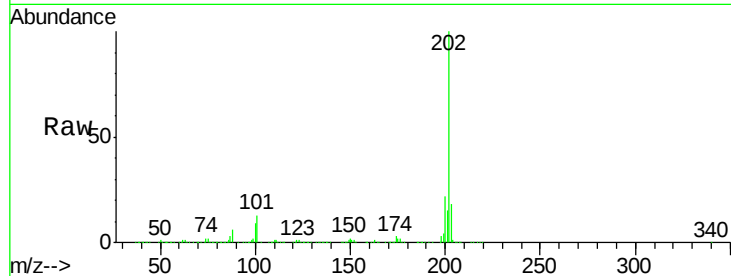
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1122654		
101	12.6	0.0	33.9	
203	18.1	0.0	38.4	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

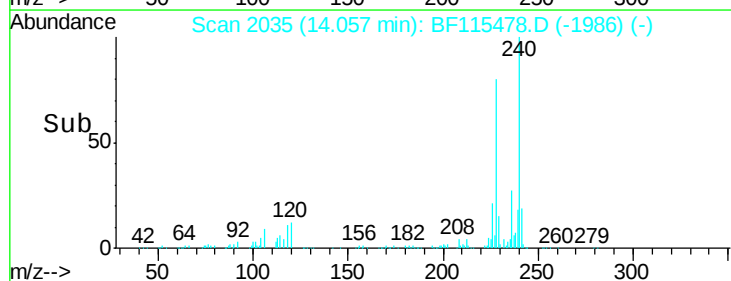
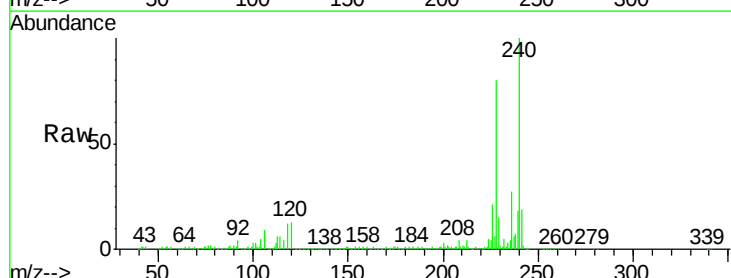
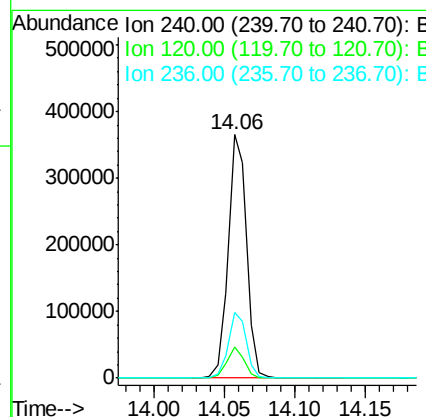
RT: 14.06 min Scan# 2035

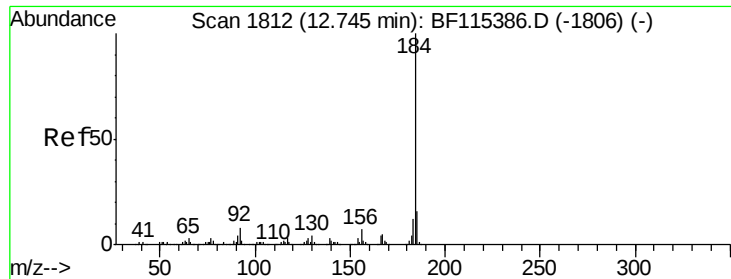
Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	329986		
120	12.7	10.2	15.4	
236	26.7	21.1	31.7	





#77

Benzidine

Concen: 32.314 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

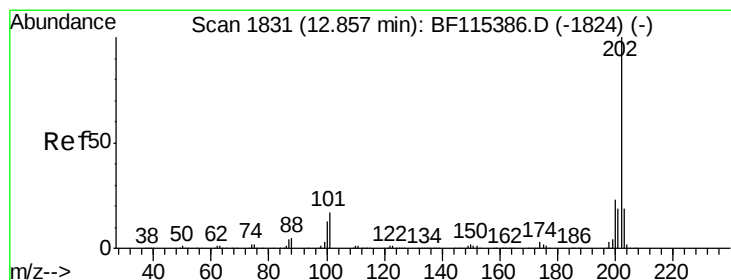
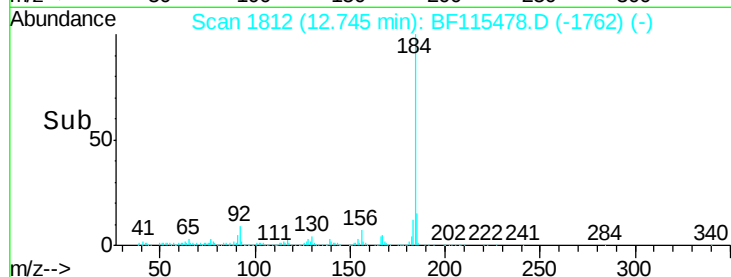
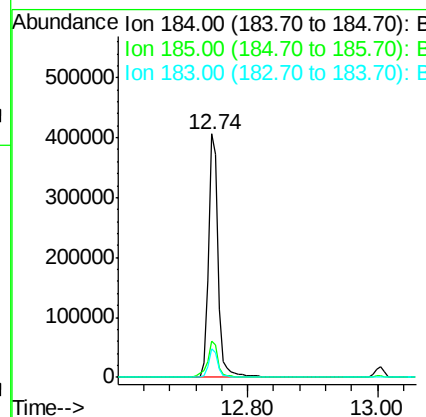
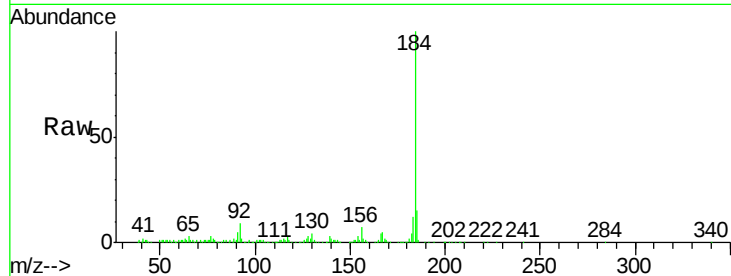
ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion:	184	Resp:	415827
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.0	19.6
183	11.8	9.7	14.5

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#78

Pyrene

Concen: 43.121 ng

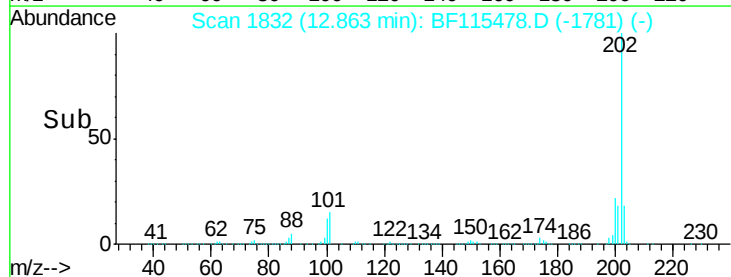
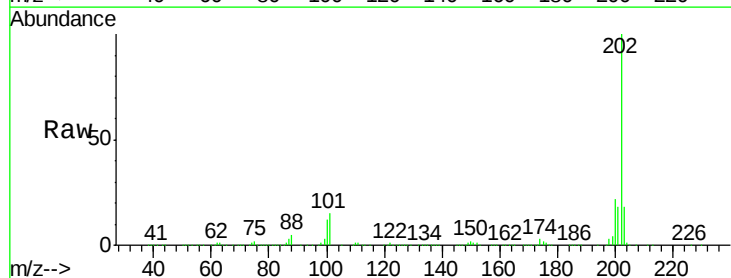
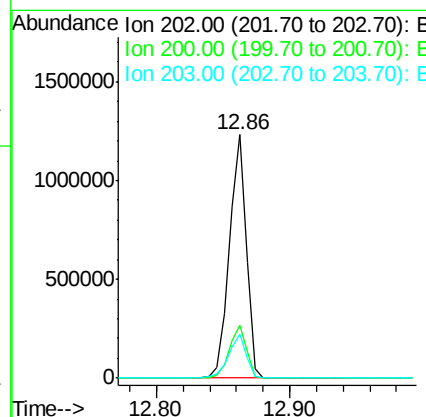
RT: 12.86 min Scan# 1832

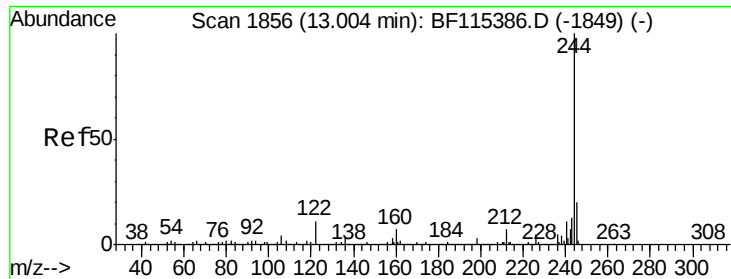
Delta R.T. 0.00 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	202	Resp:	1106529
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	17.9	14.7	22.1





#79

Terphenyl-d14

Concen: 80.549 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

ClientSampleId :

VNJ-206-72-12017MS

Tgt Ion:244 Resp: 1298172

Ion Ratio Lower Upper

244 100

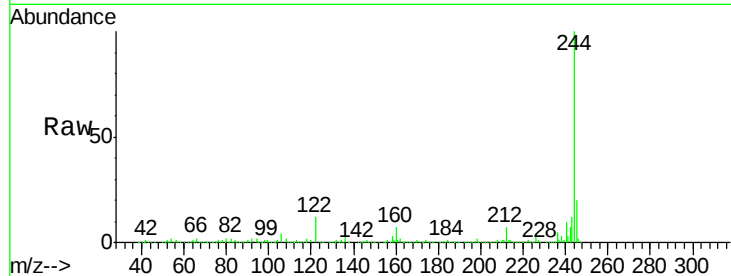
212 6.8 5.7 8.5

122 11.5 9.1 13.7

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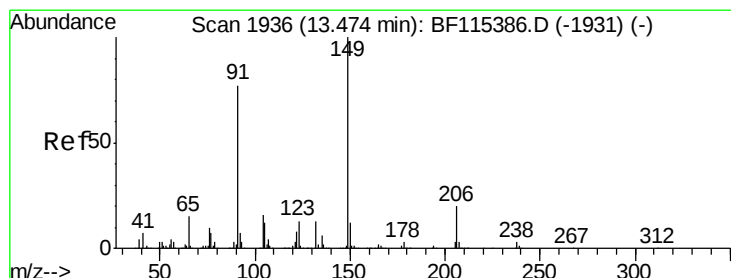
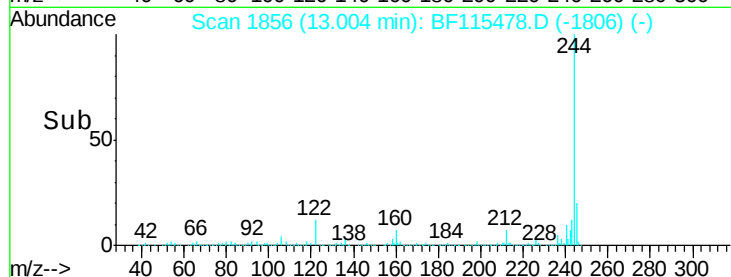
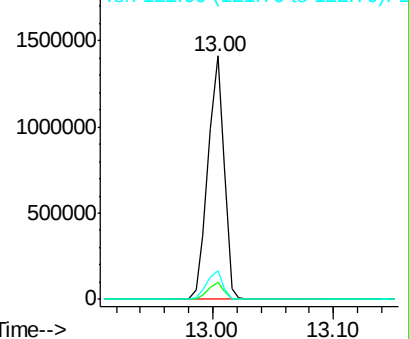
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.064 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

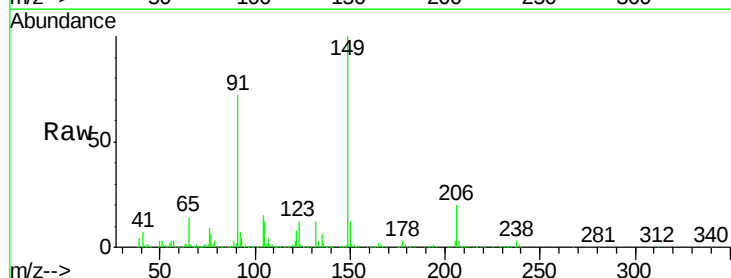
Tgt Ion:149 Resp: 393131

Ion Ratio Lower Upper

149 100

91 72.5 57.8 86.6

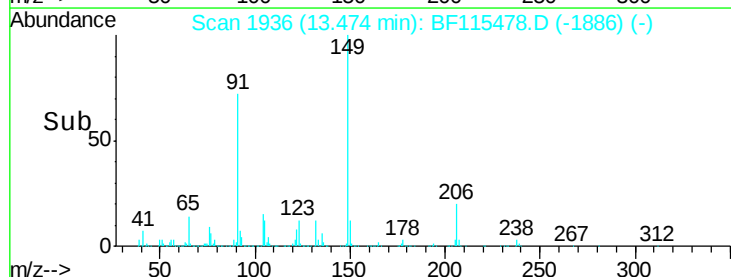
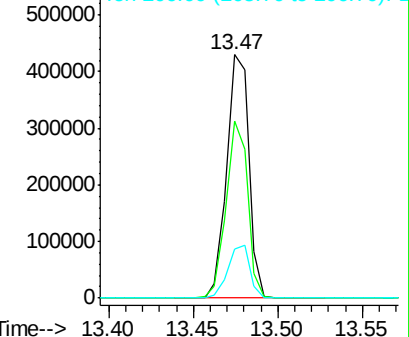
206 20.4 16.9 25.3

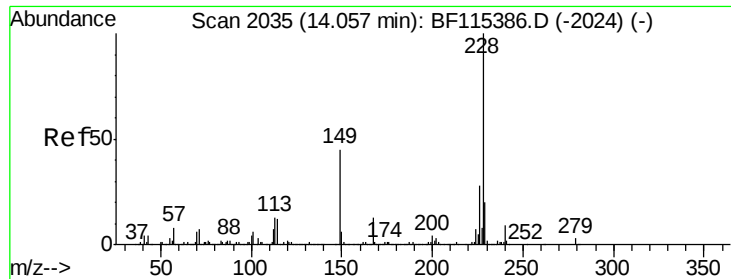


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





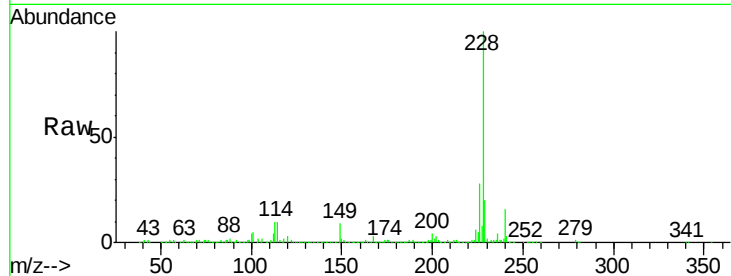
#81
Benzo(a)anthracene
Concen: 38.699 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

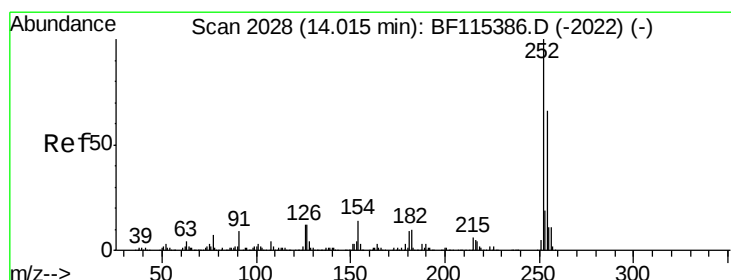
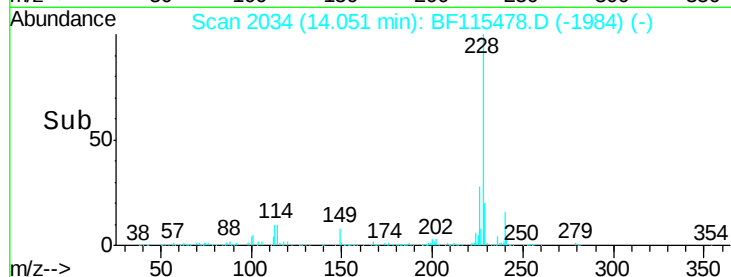
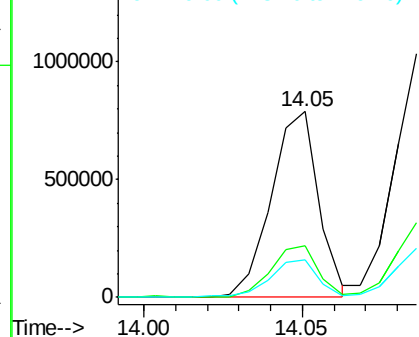
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	20.0	16.4	24.6

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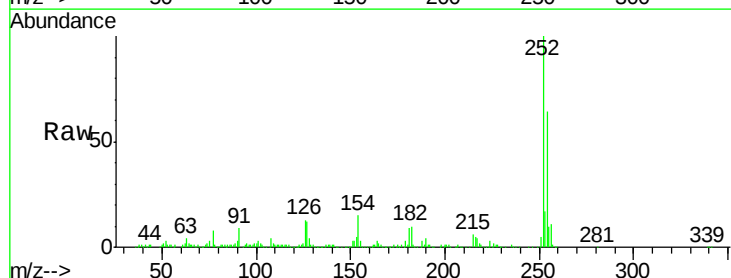


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

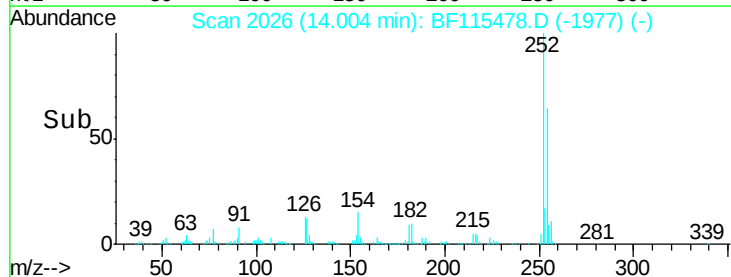
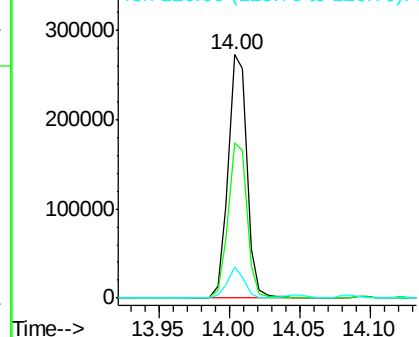


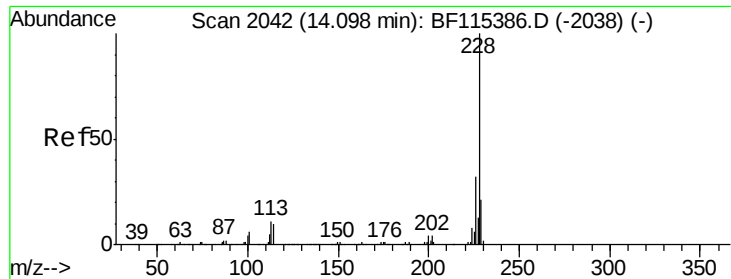
#82
3,3'-Dichlorobenzidine
Concen: 33.391 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.9	79.3
126	12.9	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: 41.525 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

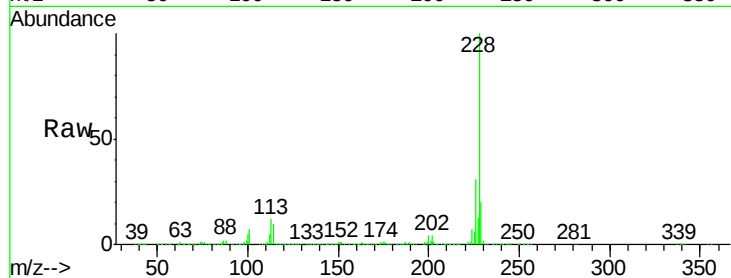
ClientSampleId :

VNJ-206-72-12017MS

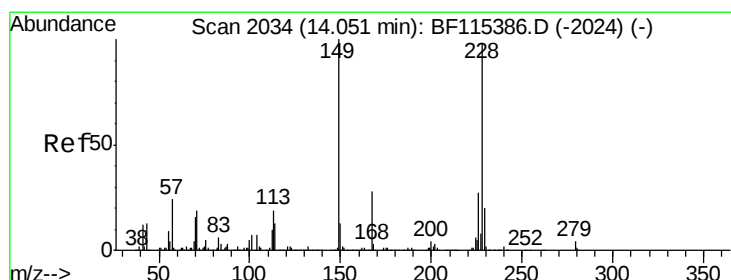
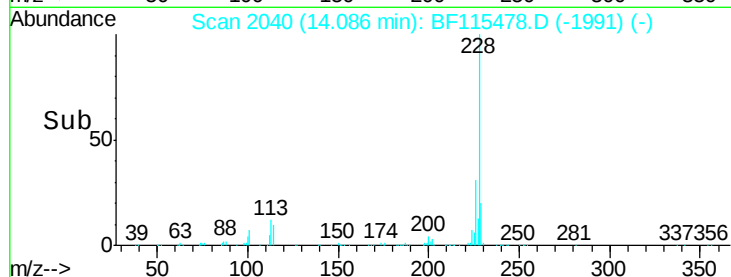
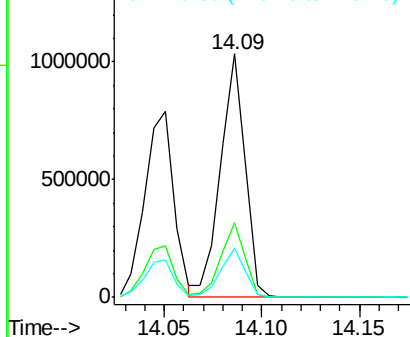
Tgt Ion:	228	Resp:	902096
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.1	37.7
229	20.1	16.1	24.1

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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.890 ng

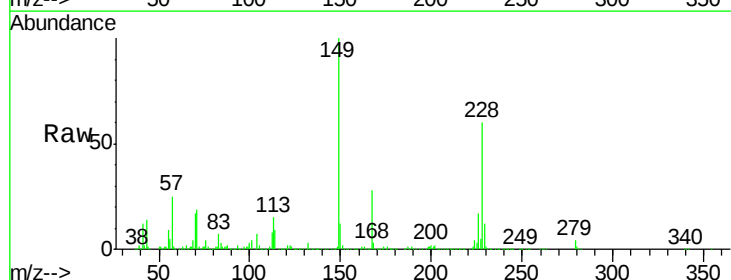
RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

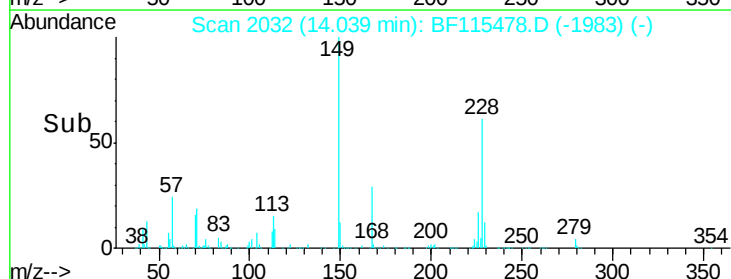
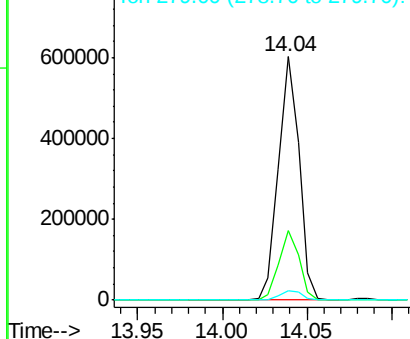
Lab File: BF115478.D

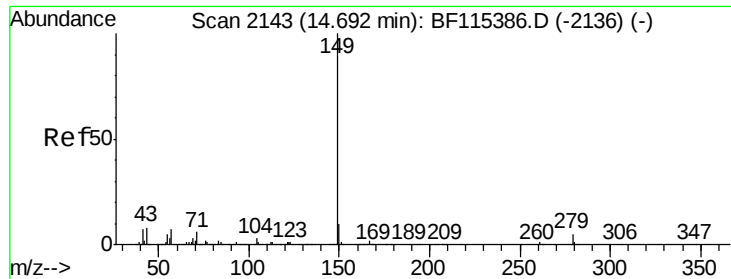
Acq: 11 Jul 2019 1:41

Tgt Ion:	149	Resp:	512222
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.6	34.0
279	4.1	3.8	5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





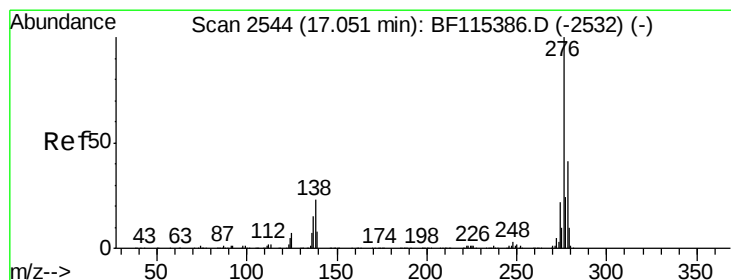
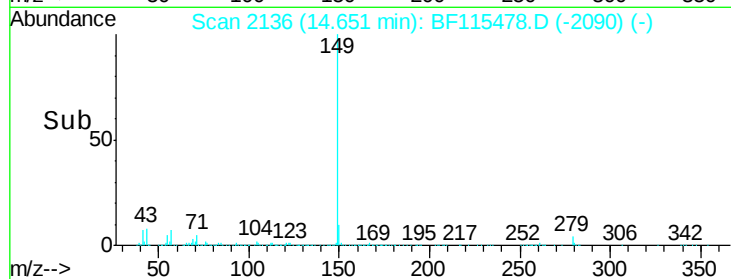
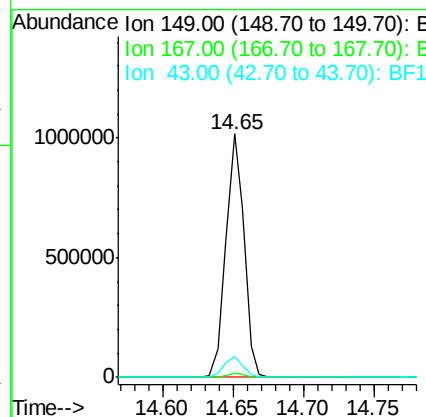
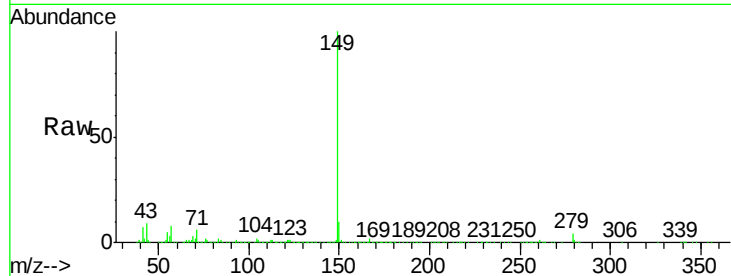
#85
Di-n-octyl phthalate
Concen: 36.672 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.3	1.9
43	8.3	7.0	10.6

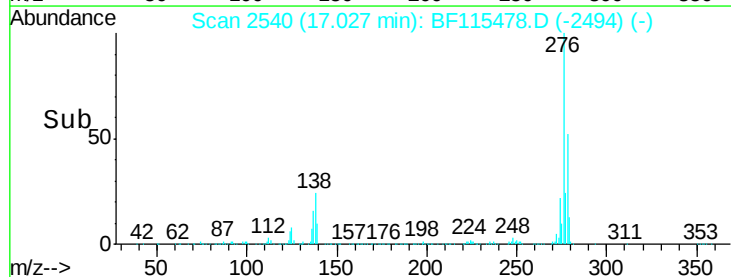
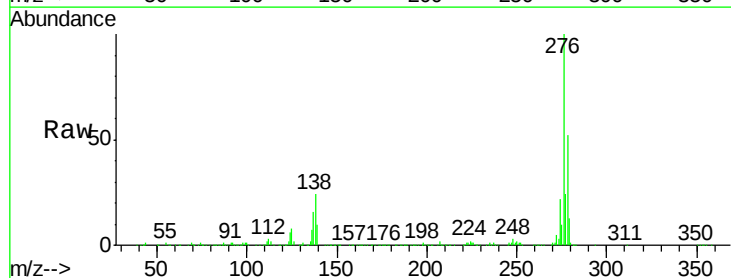
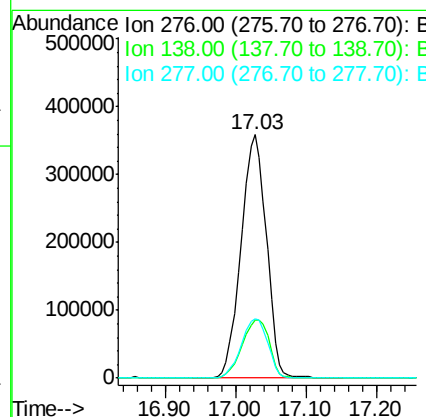
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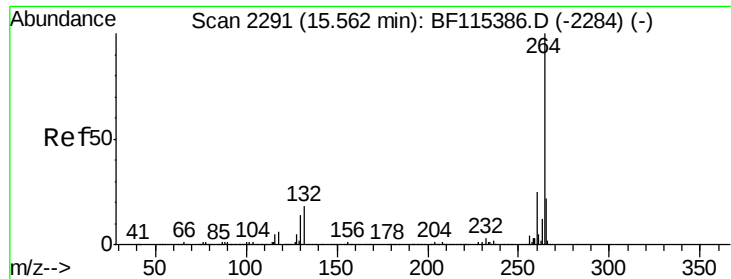
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.344 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.9	20.6	31.0
277	25.7	20.2	30.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

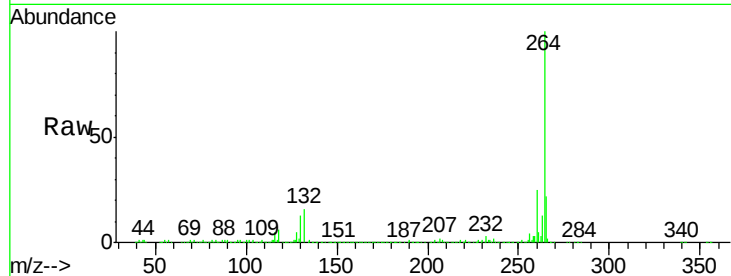
ClientSampleId :

VNJ-206-72-12017MS

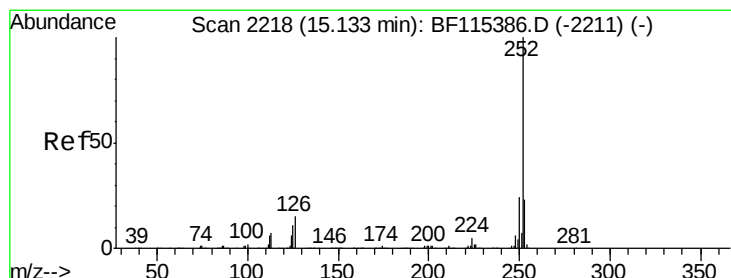
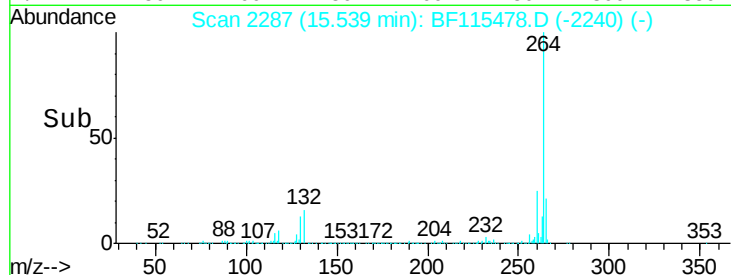
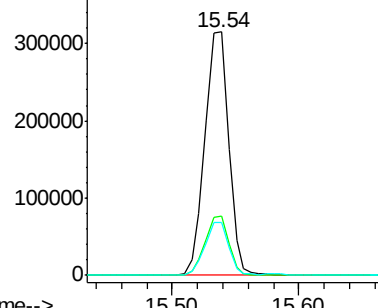
Tgt Ion:	264	Resp:	410566
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.1	30.1
265	21.5	17.8	26.6

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



#88

Benzo(b)fluoranthene

Concen: 38.446 ng

RT: 15.10 min Scan# 2213

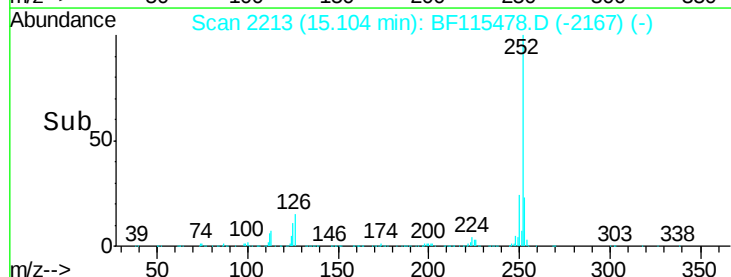
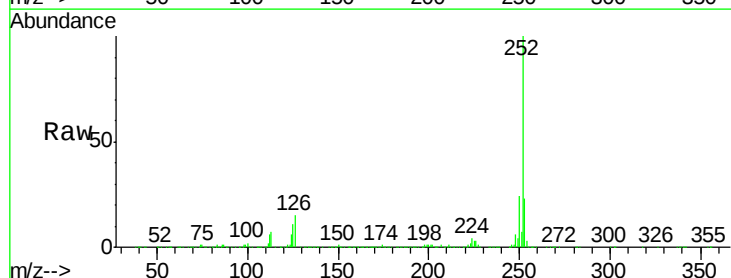
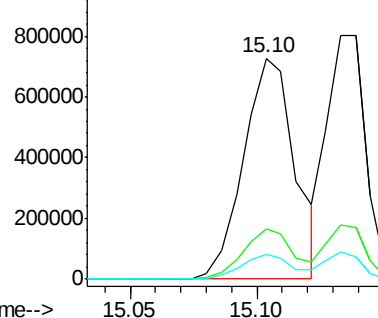
Delta R.T. -0.03 min

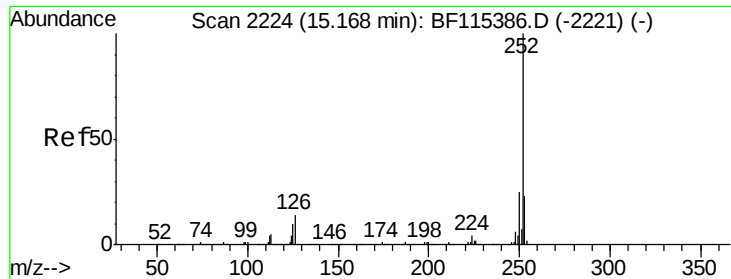
Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion:	252	Resp:	1027719
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	11.3	8.5	12.7

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





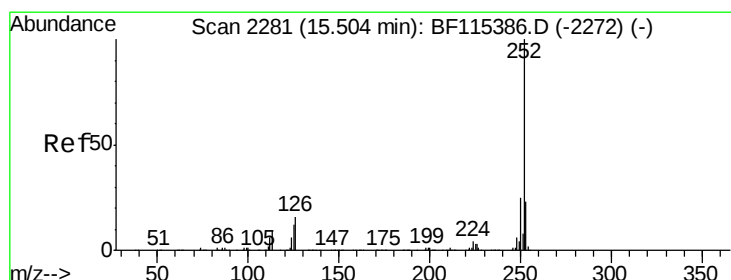
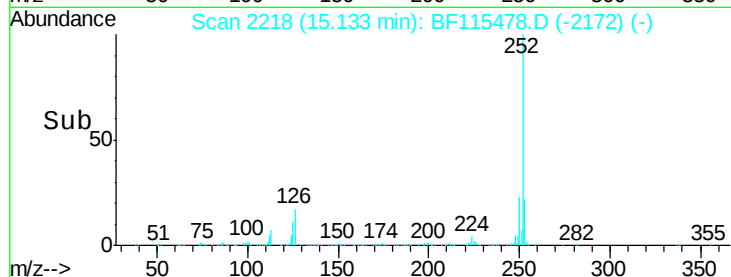
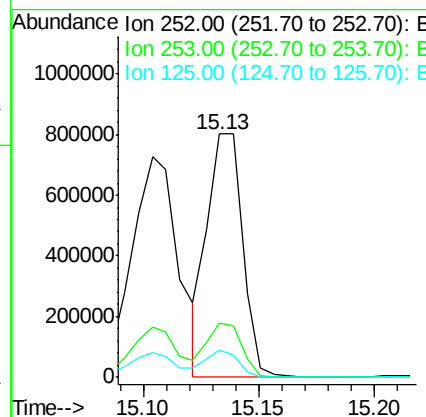
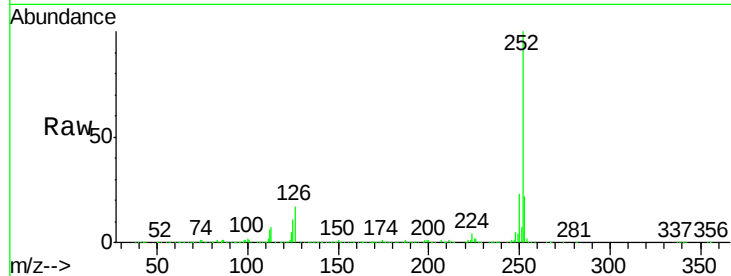
#89
Benzo(k)fluoranthene
Concen: 35.679 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.1	8.6	13.0

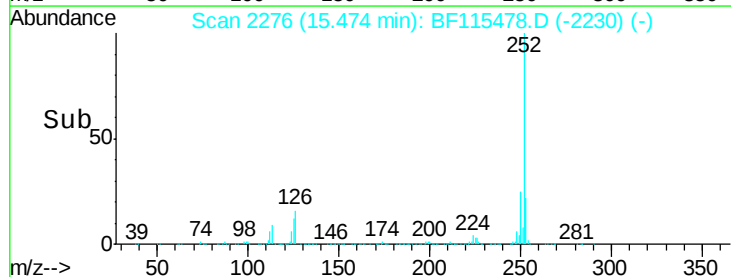
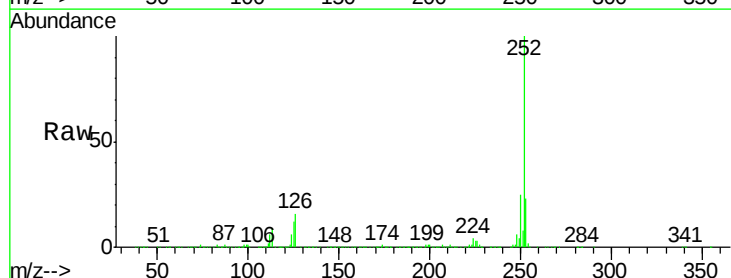
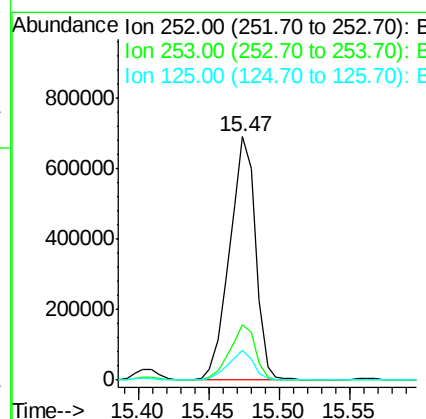
Manual Integrations
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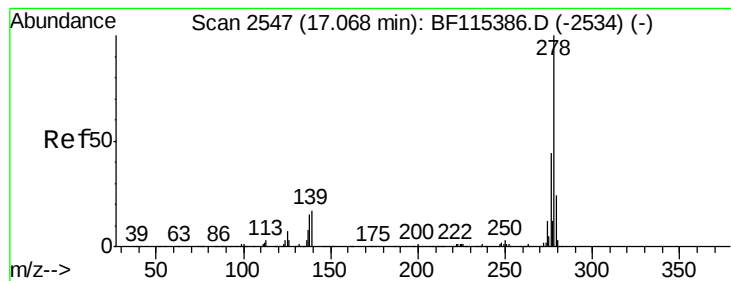
mohammad
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#90
Benzo(a)pyrene
Concen: 38.131 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115478.D
Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	12.3	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 38.658 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Instrument :

BNA_F

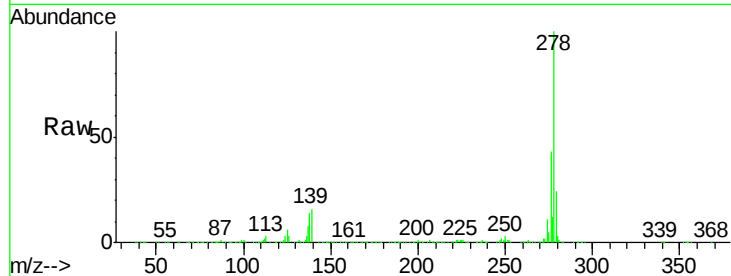
ClientSampleId :

VNJ-206-72-12017MS

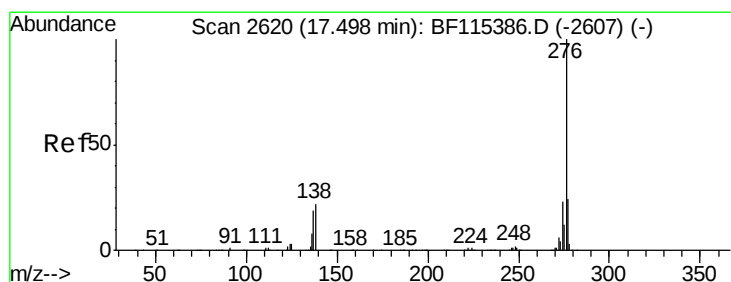
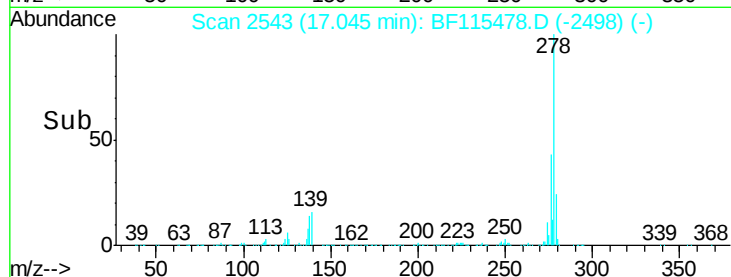
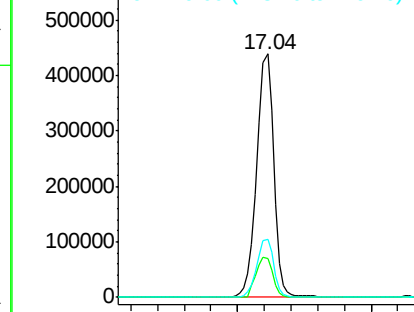
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.6
279	24.1	19.4	29.2

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:33 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.676 ng

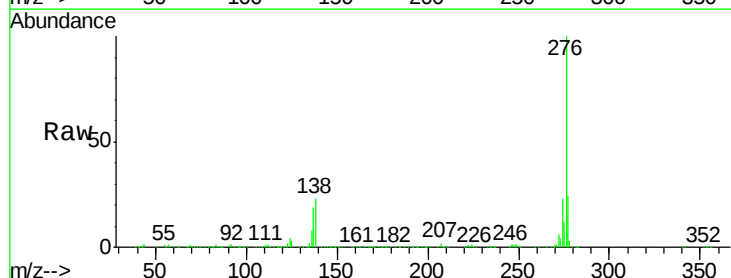
RT: 17.47 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF115478.D

Acq: 11 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.8	17.8	26.8



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

