

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115472.D
 Acq On : 10 Jul 2019 23:02
 Operator : HP/JU
 Sample : K3726-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 11 08:20:29 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	142216	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	558262	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	277758	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	559348	20.00	ng	0.00
76) Chrysene-d12	14.06	240	363186	20.00	ng	-0.01
87) Perylene-d12	15.53	264	381202	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1087219	118.12	ng	0.00
7) Phenol-d6	6.52	99	1445268	123.46	ng	0.00
23) Nitrobenzene-d5	7.46	82	895577	94.78	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	411718	134.06	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1486208	93.89	ng	0.00
79) Terphenyl-d14	13.00	244	1670484	94.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	144812	32.074	ng	99
3) Pyridine	3.47	79	390449	31.275	ng	99
4) n-Nitrosodimethylamine	3.40	42	166305	32.850	ng	98
6) Aniline	6.56	93	440838	26.685	ng	98
8) 2-Chlorophenol	6.68	128	413549	39.789	ng	99
9) Benzaldehyde	6.44	77	225676	32.178	ng	98
10) Phenol	6.54	94	559609	39.954	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	393342	37.855	ng	97
12) 1,3-Dichlorobenzene	6.84	146	436901	38.368	ng	97
13) 1,4-Dichlorobenzene	6.91	146	439881	38.566	ng	99
14) 1,2-Dichlorobenzene	7.07	146	409565	38.784	ng	97
15) Benzyl Alcohol	7.03	79	374398	39.856	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	519119	35.730	ng	99
17) 2-Methylphenol	7.14	107	356876	40.079	ng	99
18) Hexachloroethane	7.41	117	156110	36.740	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	287958	36.359	ng	94
20) 3+4-Methylphenols	7.29	107	431130	40.990	ng	98
22) Acetophenone	7.30	105	568723	42.515	ng	# 93
24) Nitrobenzene	7.47	77	451897	42.348	ng	98
25) Isophorone	7.72	82	820002	40.038	ng	100
26) 2-Nitrophenol	7.79	139	224210	51.107	ng	95
27) 2,4-Dimethylphenol	7.83	122	363938	43.505	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	502081	39.756	ng	99
29) 2,4-Dichlorophenol	8.03	162	363946	43.680	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	384607	41.464	ng	98
31) Naphthalene	8.20	128	1180308	42.566	ng	100
32) Benzoic acid	7.86	122	5038m	6.765	ng	
33) 4-Chloroaniline	8.24	127	220427	17.817	ng	99
34) Hexachlorobutadiene	8.32	225	212418	40.381	ng	99
35) Caprolactam	8.60	113	118918m	43.821	ng	
36) 4-Chloro-3-methylphenol	8.72	107	386471	43.851	ng	98
37) 2-Methylnaphthalene	8.89	142	789875	42.617	ng	99
38) 1-Methylnaphthalene	8.99	142	744133	42.080	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	353626	44.255	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	365707	78.963	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	261219	44.903	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	275107	45.606	ng	96
46) 1,1'-Biphenyl	9.36	154	963408	44.120	ng	98
47) 2-Chloronaphthalene	9.38	162	773389	42.854	ng	100
48) 2-Nitroaniline	9.47	65	244787	46.167	ng	96
49) Acenaphthylene	9.80	152	1198503	43.863	ng	98
50) Dimethylphthalate	9.66	163	1228460	58.925	ng	98
51) 2,6-Dinitrotoluene	9.71	165	212956	47.100	ng	97
52) Acenaphthene	9.97	154	730864	42.501	ng	99
53) 3-Nitroaniline	9.87	138	169771	32.329	ng	95
54) 2,4-Dinitrophenol	9.98	184	51425	32.842	ng	# 81
55) Dibenzofuran	10.14	168	1070862	44.207	ng	100
56) 4-Nitrophenol	10.04	139	353624	87.037	ng	89
57) 2,4-Dinitrotoluene	10.12	165	290766	50.602	ng	88
58) Fluorene	10.48	166	794549	41.609	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	227451	43.648	ng	99
60) Diethylphthalate	10.36	149	875671	42.673	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	400781	43.001	ng	95
62) 4-Nitroaniline	10.49	138	242404	47.026	ng	98
63) Azobenzene	10.63	77	871088	41.181	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	92441	36.712	ng	94
66) n-Nitrosodiphenylamine	10.59	169	750966	42.610	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	259645	41.369	ng	97
68) Hexachlorobenzene	11.03	284	290171	41.201	ng	96
69) Atrazine	11.12	200	250315	45.894	ng	99
70) Pentachlorophenol	11.22	266	281071	65.486	ng	99
71) Phenanthrene	11.45	178	1256858	42.725	ng	99
72) Anthracene	11.50	178	1298199	44.008	ng	99
73) Carbazole	11.65	167	1188573	44.042	ng	100
74) Di-n-butylphthalate	11.98	149	1353178	41.489	ng	99
75) Fluoranthene	12.63	202	1334351	43.080	ng	97
77) Benzidine	12.75	184	568803	40.162	ng	98
78) Pyrene	12.86	202	1353644	47.928	ng	99
80) Butylbenzylphthalate	13.47	149	573576	46.481	ng	99
81) Benzo(a)anthracene	14.04	228	1022576	43.943	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	208988	24.750	ng	97
83) Chrysene	14.09	228	1049953	43.913	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	712625	46.632	ng	99
85) Di-n-octyl phthalate	14.65	149	1163336	42.762	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1222259	65.039	ng	100
88) Benzo(b)fluoranthene	15.10	252	1002635	40.397	ng	99
89) Benzo(k)fluoranthene	15.13	252	918975	41.633	ng	99
90) Benzo(a)pyrene	15.47	252	946644	44.221	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1002443	54.799	ng	98
92) Benzo(g,h,i)perylene	17.47	276	1050067	60.647	ng	100

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

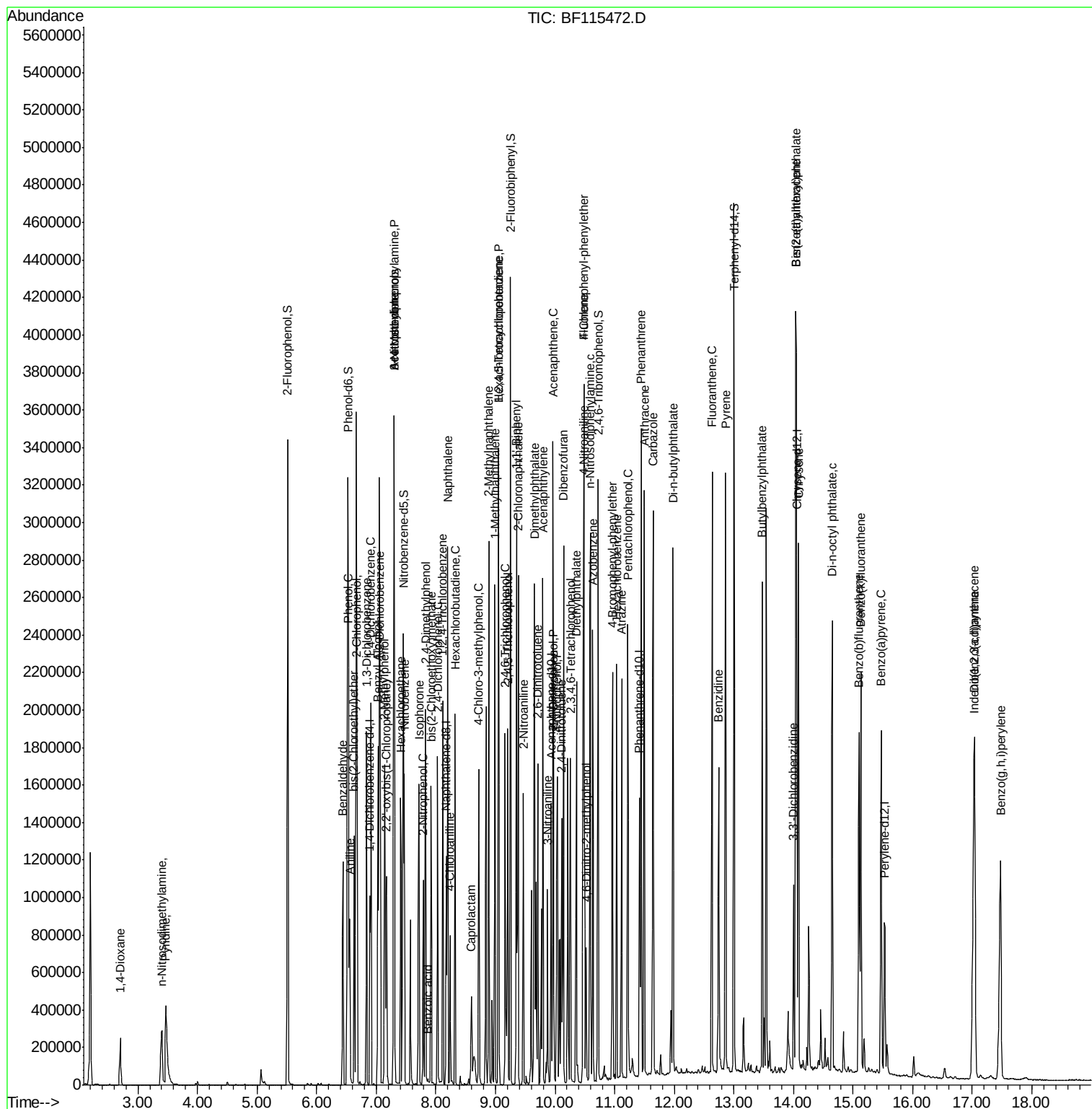
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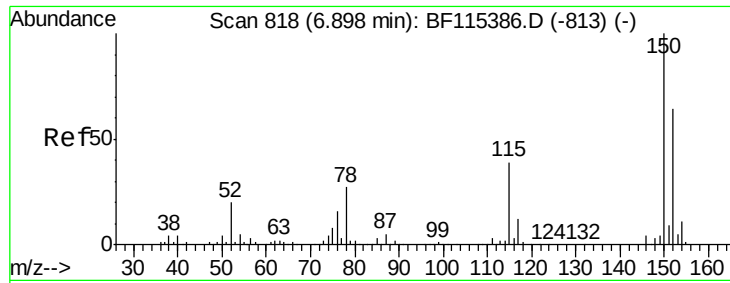
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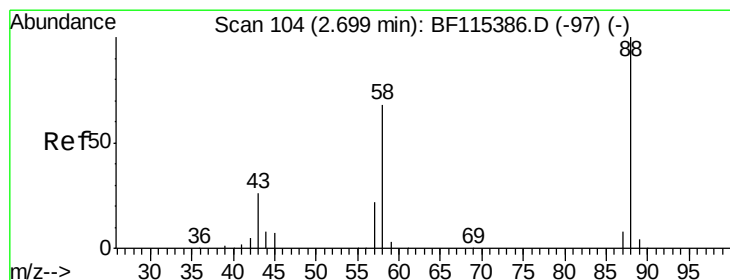
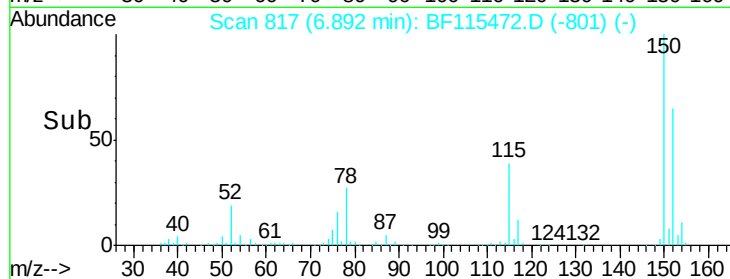
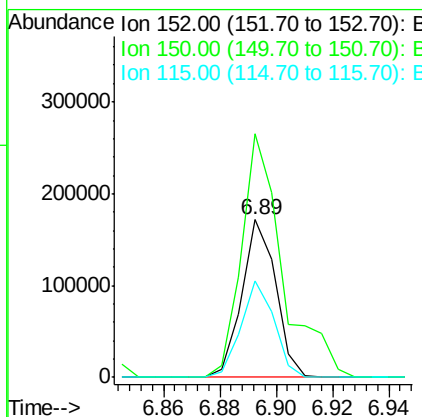
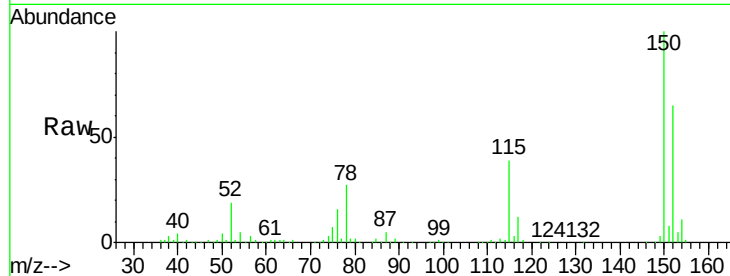
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.4	191.2
115	60.9	46.2	69.4

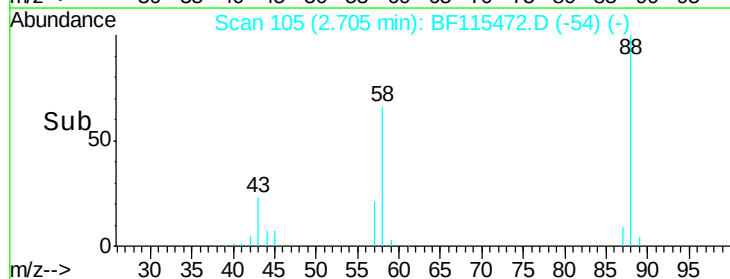
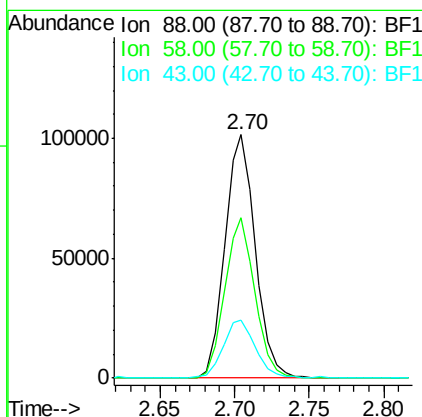
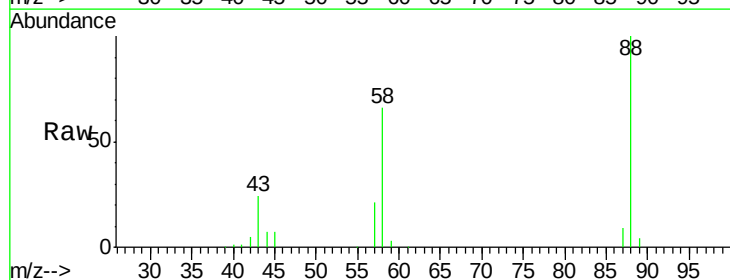
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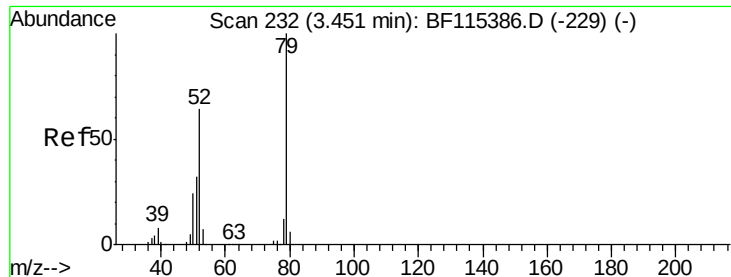
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#2
 1,4-Dioxane
 Concen: 32.074 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.00 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	52.5	78.7
43	26.0	19.0	28.6





#3

Pyridine

Concen: 31.275 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

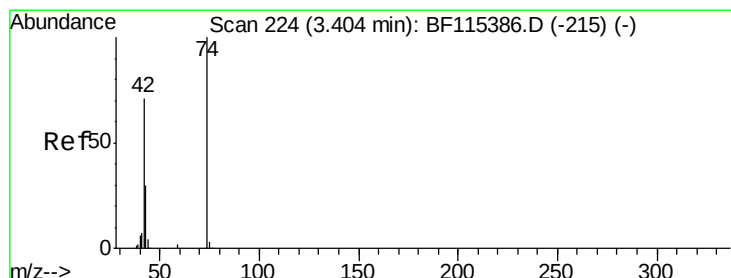
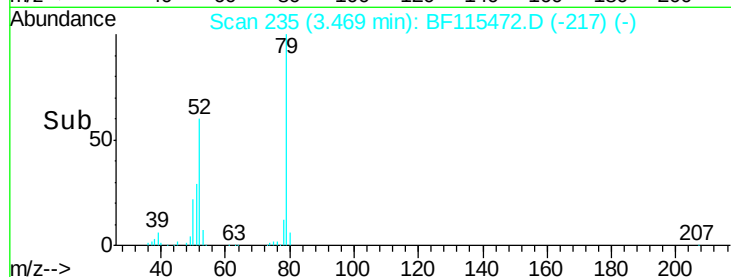
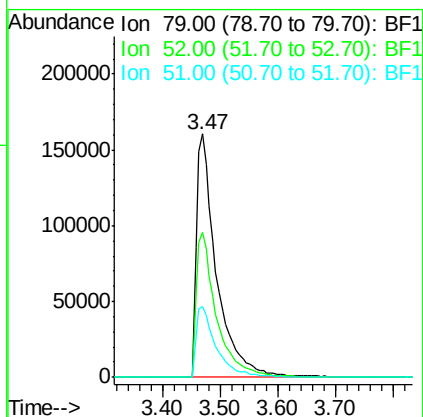
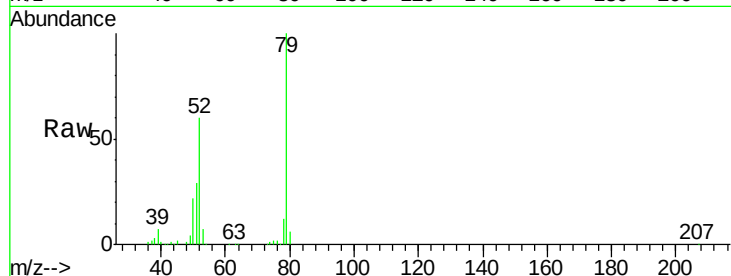
ClientSampleId :

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Tgt Ion:	79	Resp:	390449
Ion	Ratio	Lower	Upper
79	100		
52	59.6	48.2	72.2
51	29.1	23.2	34.8

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#4

n-Nitrosodimethylamine

Concen: 32.850 ng

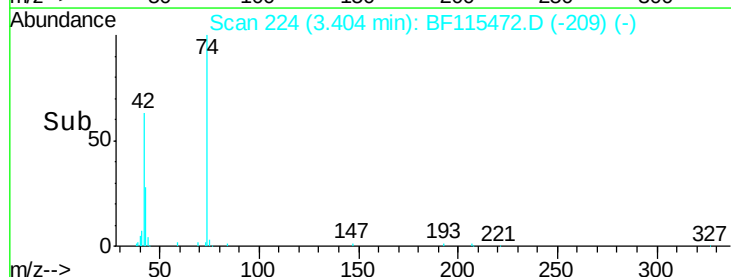
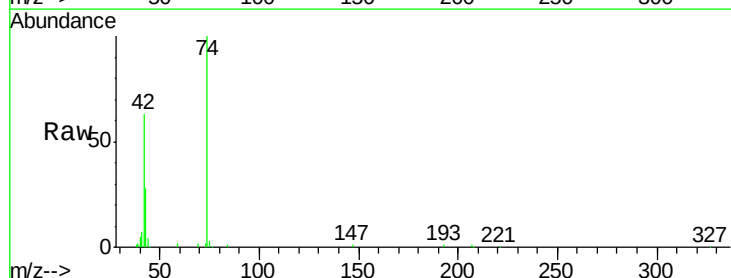
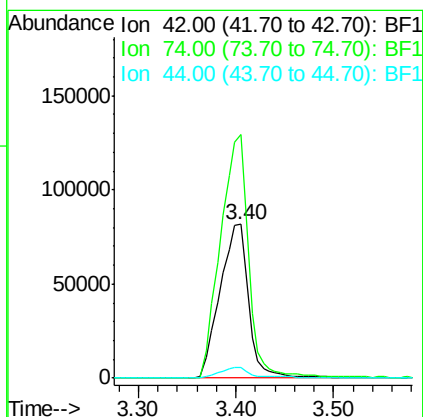
RT: 3.40 min Scan# 224

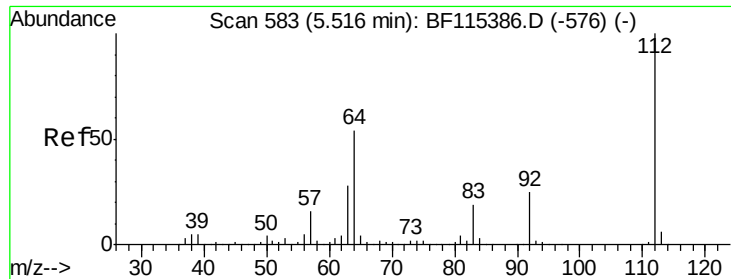
Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt Ion:	42	Resp:	166305
Ion	Ratio	Lower	Upper
42	100		
74	158.4	128.5	192.7
44	6.6	5.3	7.9





#5

2-Fluorophenol

Concen: 118.115 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

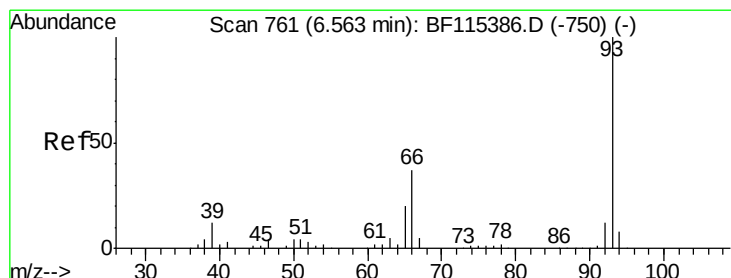
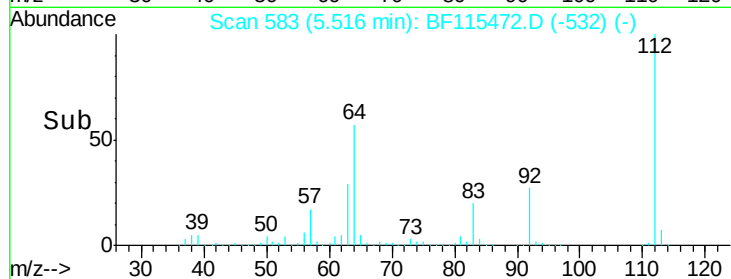
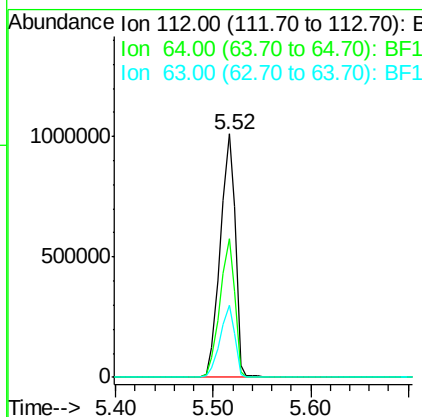
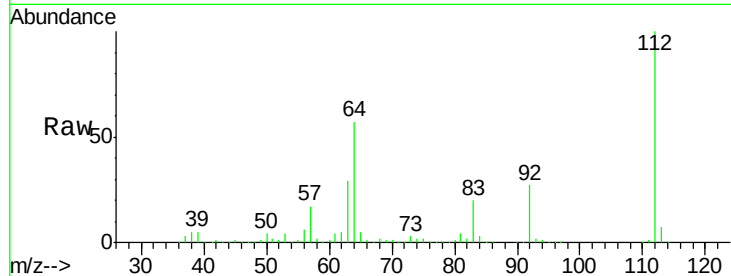
ClientSampleId :

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Tgt Ion:	112	Resp:	1087219
Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.2	66.2
63	29.4	22.1	33.1

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#6

Aniline

Concen: 26.685 ng

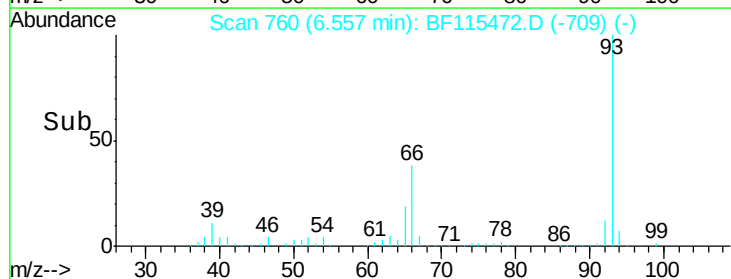
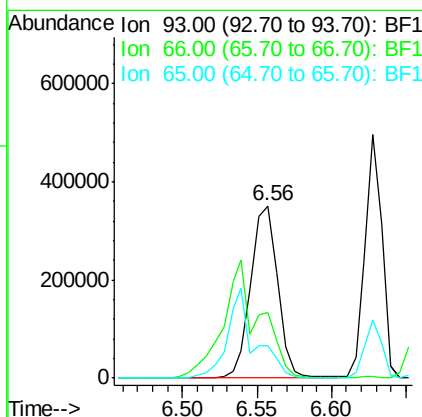
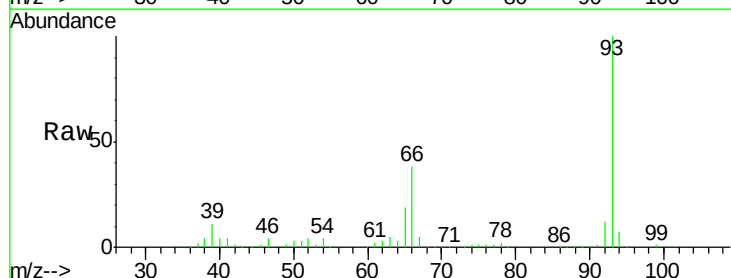
RT: 6.56 min Scan# 760

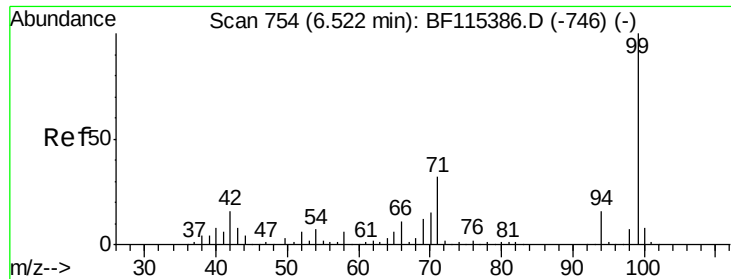
Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt Ion:	93	Resp:	440838
Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.3	46.9
65	18.9	15.9	23.9





#7

Phenol-d6

Concen: 123.458 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

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ClientSampleId :

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Tgt Ion: 99 Resp: 1445268

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

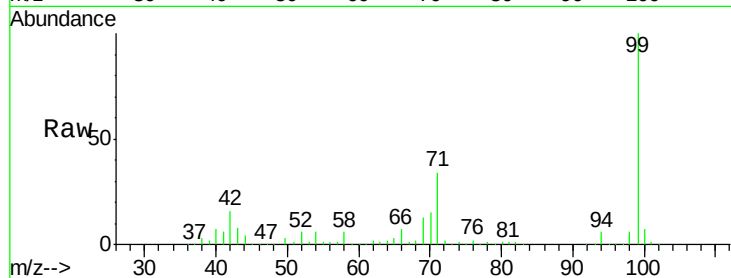
71 33.6 26.5 39.7

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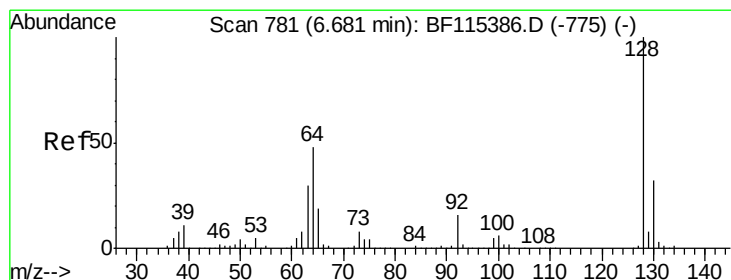
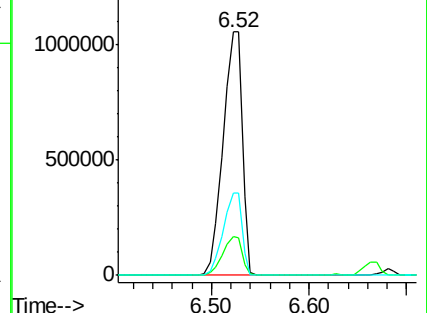
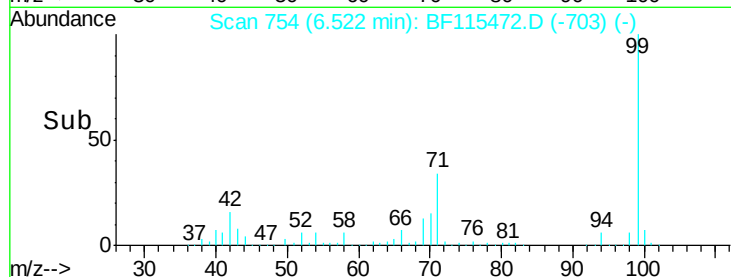
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.789 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

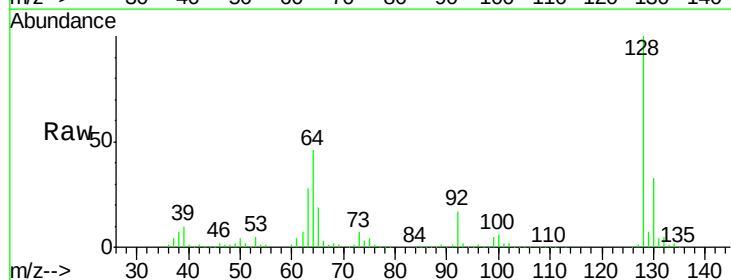
Tgt Ion: 128 Resp: 413549

Ion Ratio Lower Upper

128 100

130 32.6 11.8 51.8

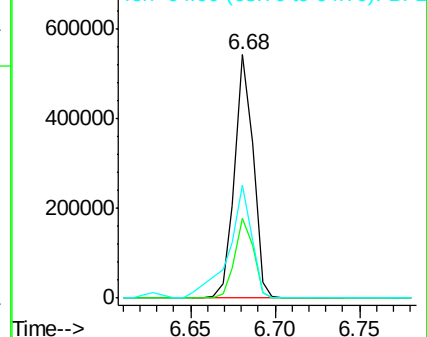
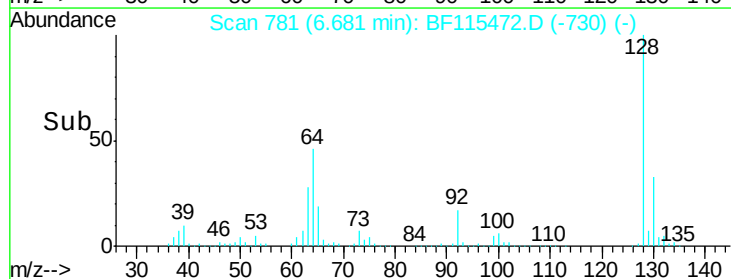
64 46.5 27.0 67.0

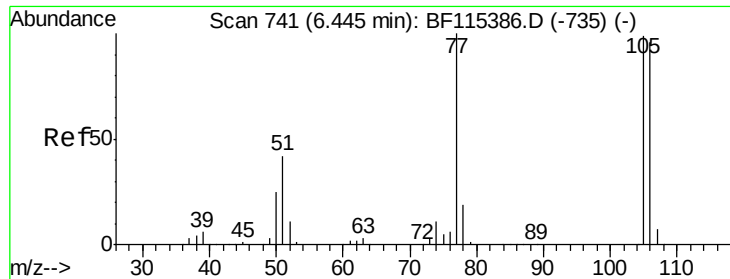


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.178 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

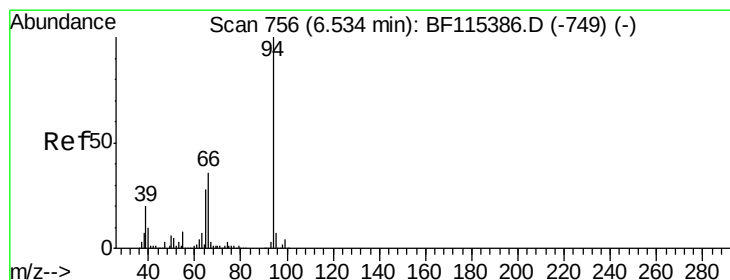
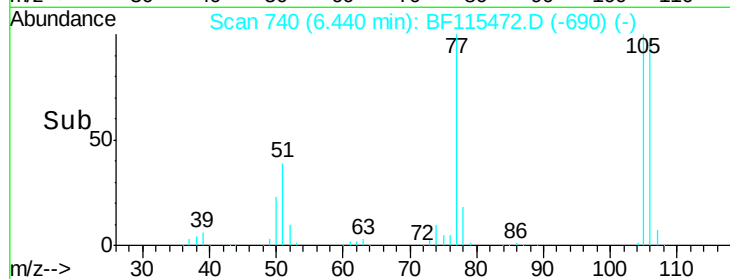
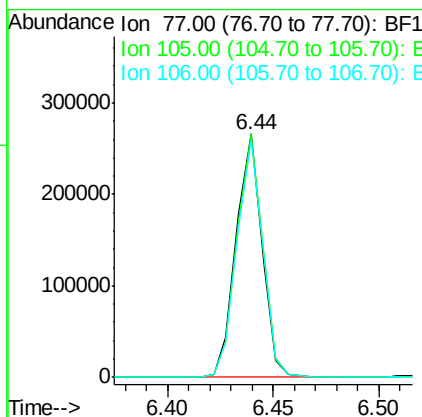
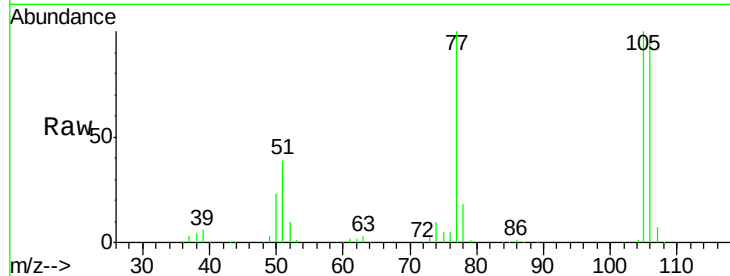
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Tgt Ion:	77	Resp:	225676
Ion	Ratio	Lower	Upper
77	100		
105	100.0	82.9	122.9
106	97.6	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 39.954 ng

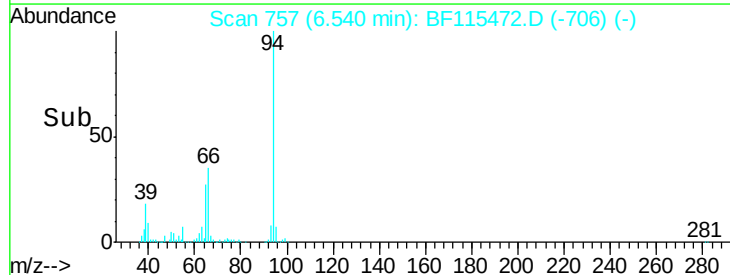
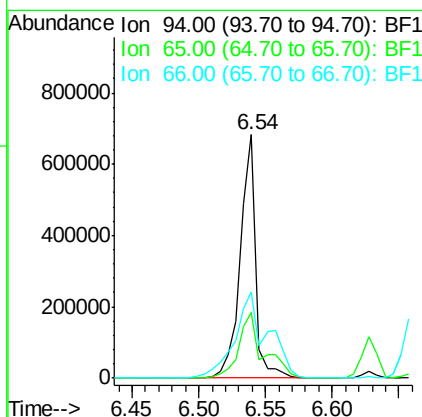
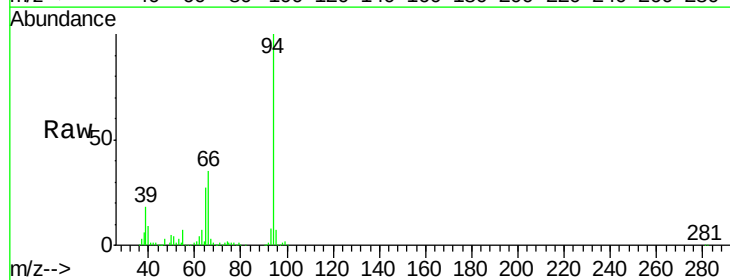
RT: 6.54 min Scan# 757

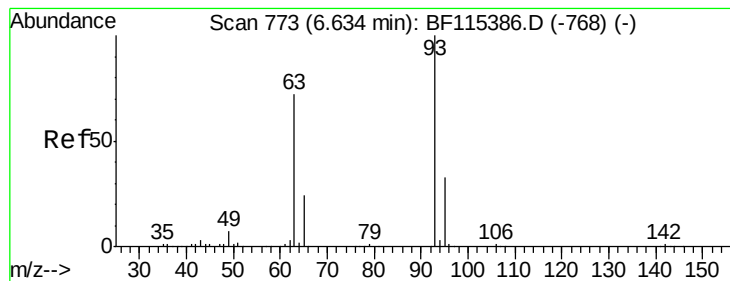
Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt Ion:	94	Resp:	559609
Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.2	47.2
66	35.3	16.9	56.9





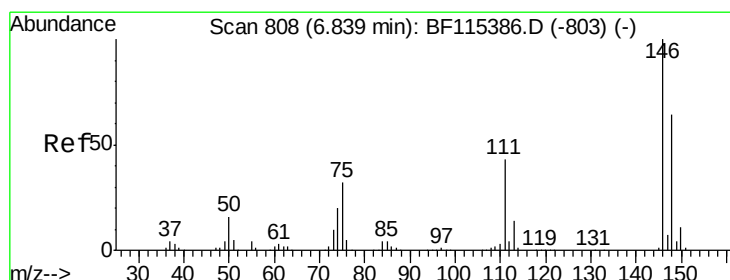
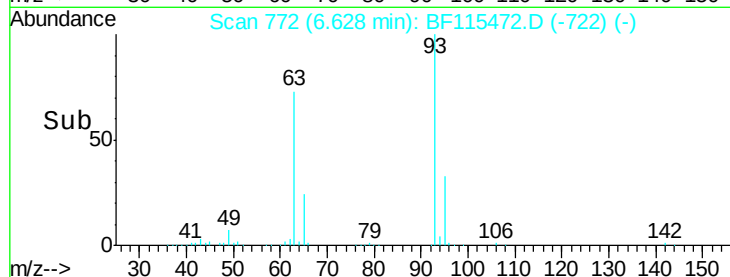
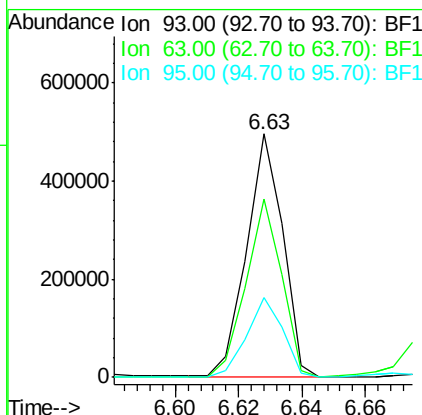
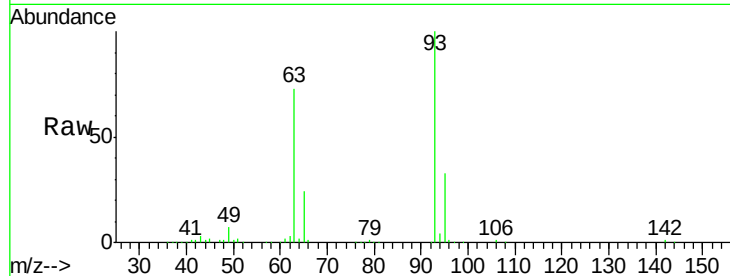
#11
bis(2-Chloroethyl)ether
Concen: 37.855 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	73.2	50.0	90.0
95	32.8	12.6	52.6

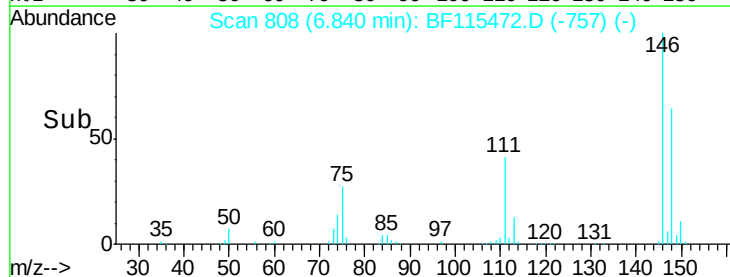
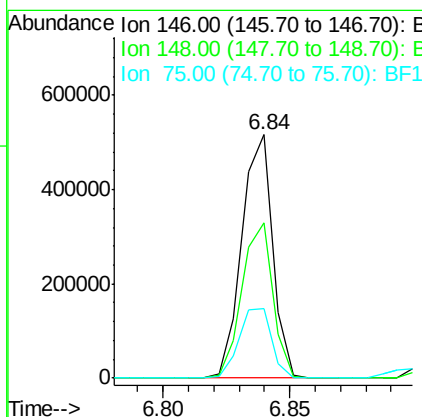
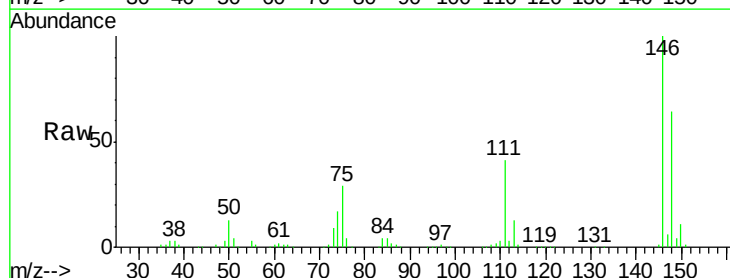
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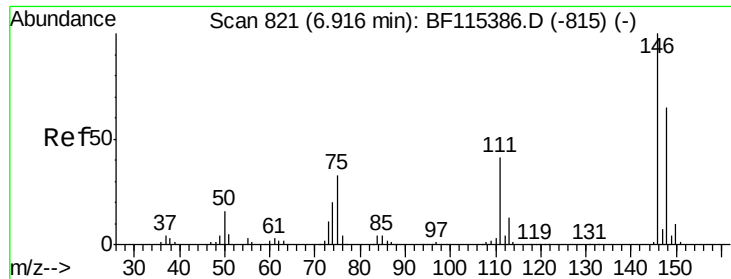
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.368 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.9	52.3	78.5
75	28.5	24.8	37.2





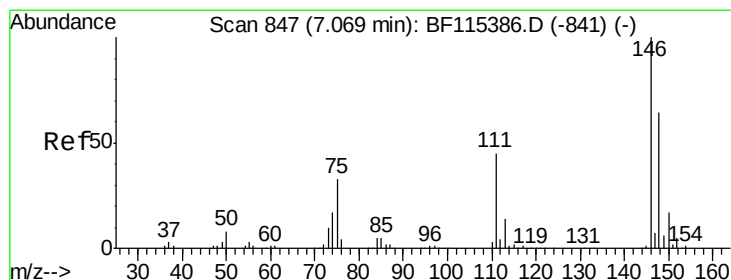
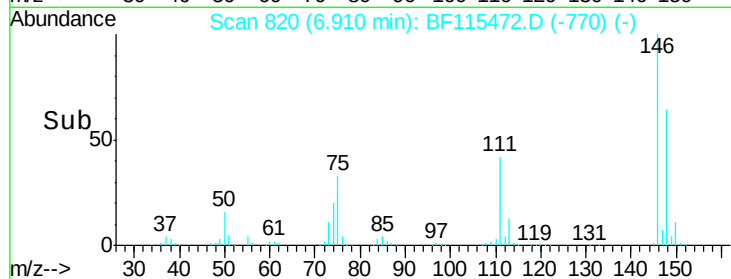
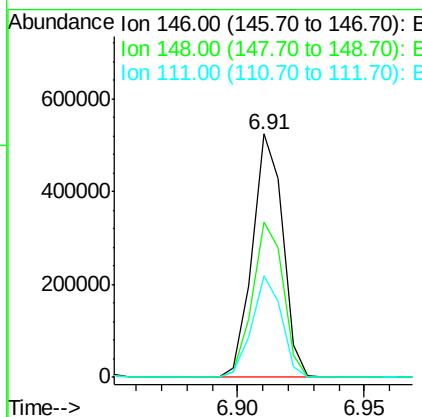
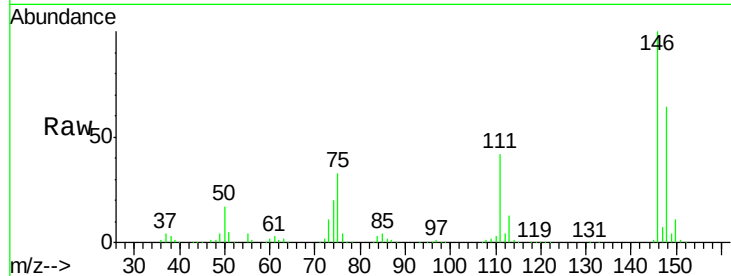
#13
1,4-Dichlorobenzene
Concen: 38.566 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	41.9	32.1	48.1

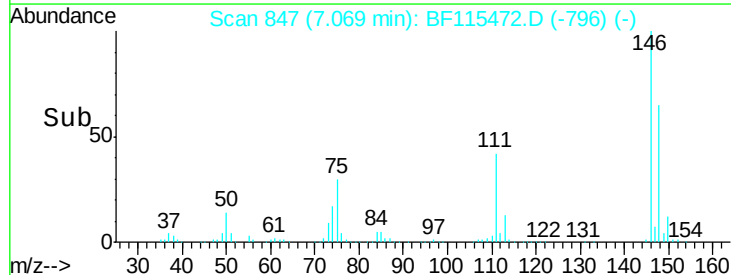
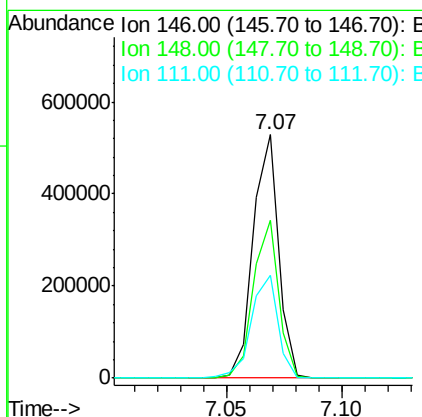
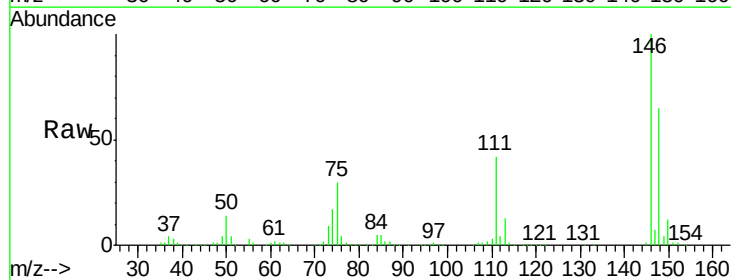
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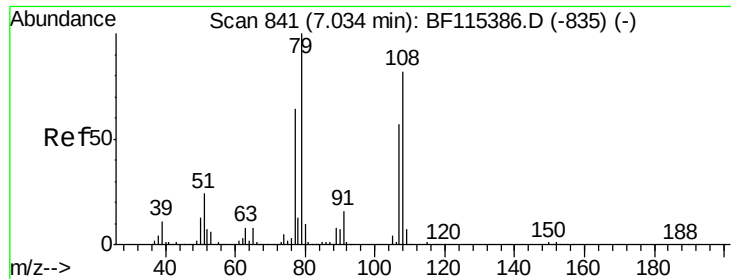
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.784 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	42.0	35.4	53.2





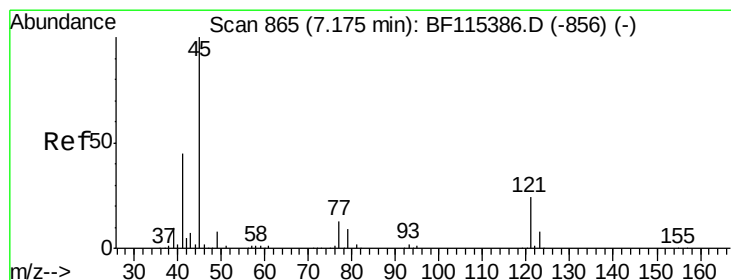
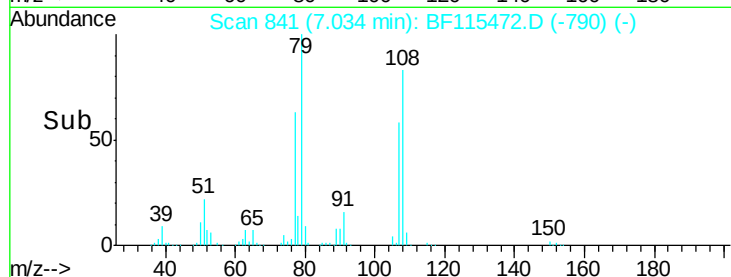
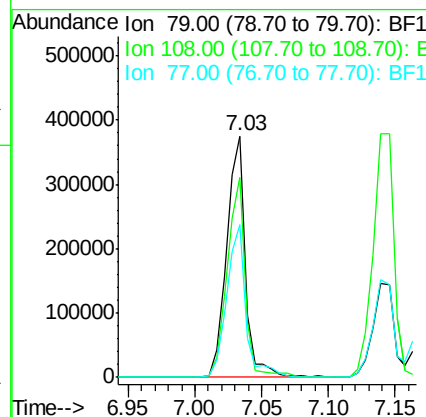
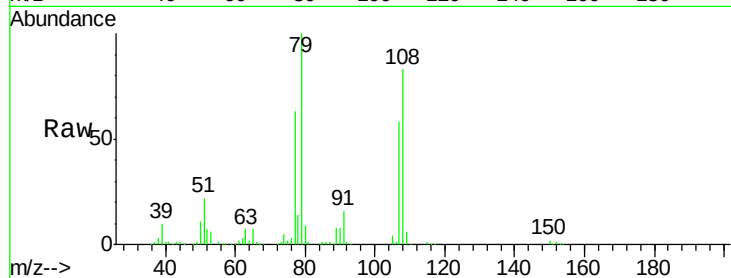
#15
Benzyl Alcohol
Concen: 39.856 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.0	65.3	97.9
77	63.0	50.6	75.8

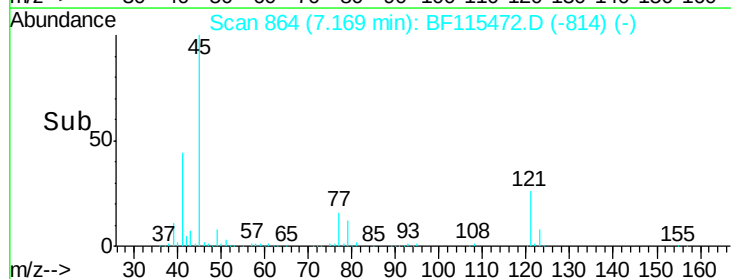
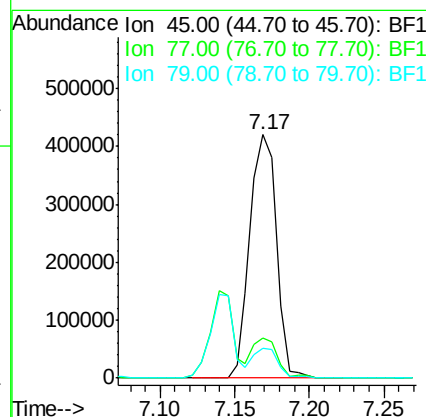
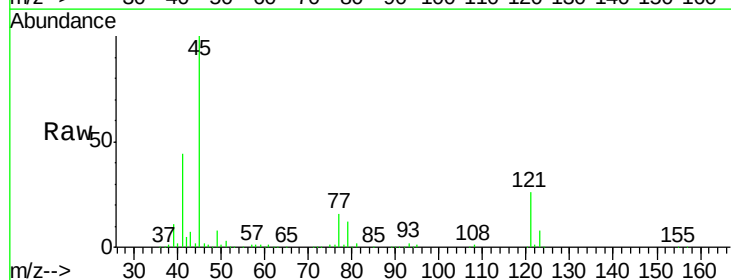
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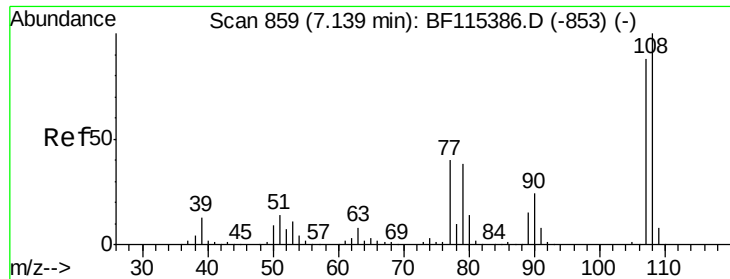
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.730 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.2	0.0	33.4





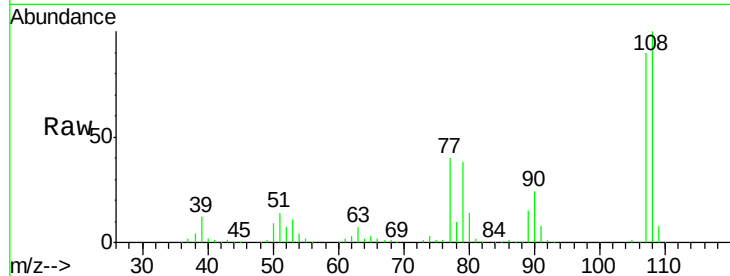
#17
2-Methylphenol
Concen: 40.079 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

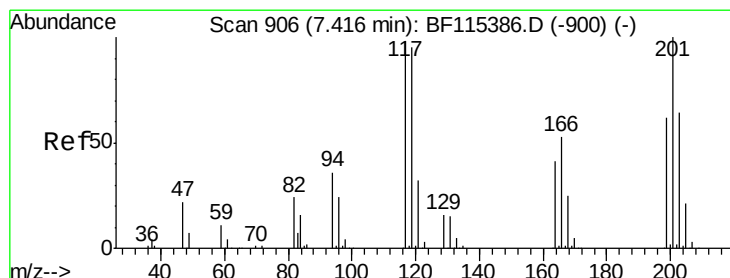
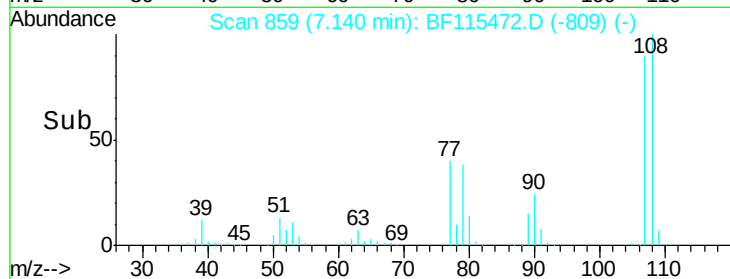
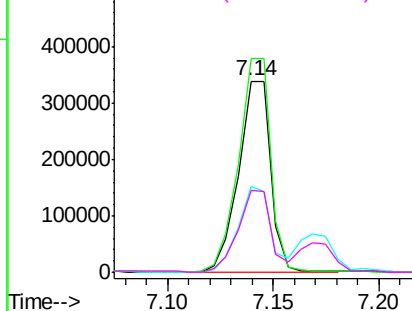
Tgt Ion:	107	Resp:	356876
Ion Ratio	Lower	Upper	
107	100		
108	111.7	90.0	135.0
77	44.7	35.0	52.4
79	42.9	34.4	51.6

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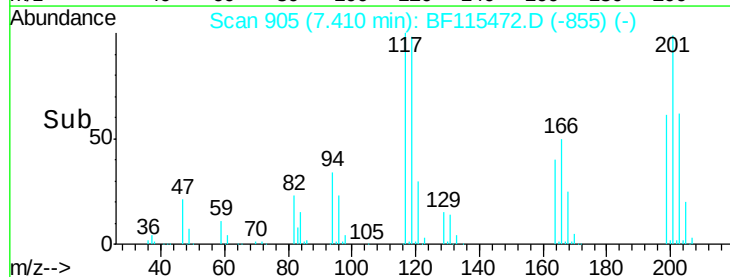
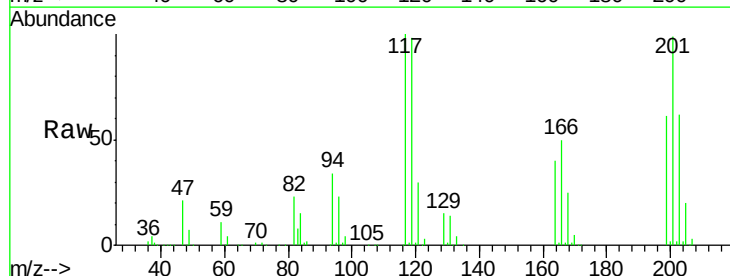
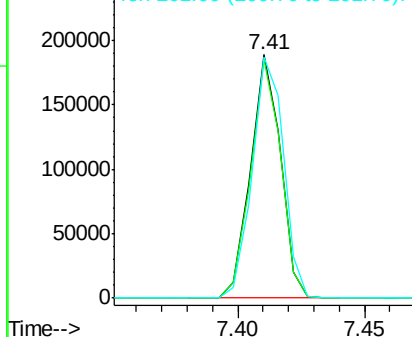
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

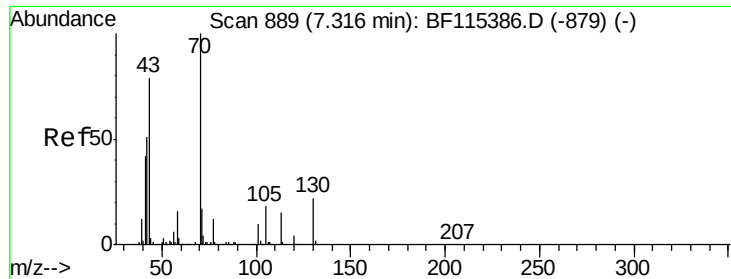


#18
Hexachloroethane
Concen: 36.740 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion:	117	Resp:	156110
Ion Ratio	Lower	Upper	
117	100		
119	98.0	76.8	115.2
201	98.8	85.8	128.6

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





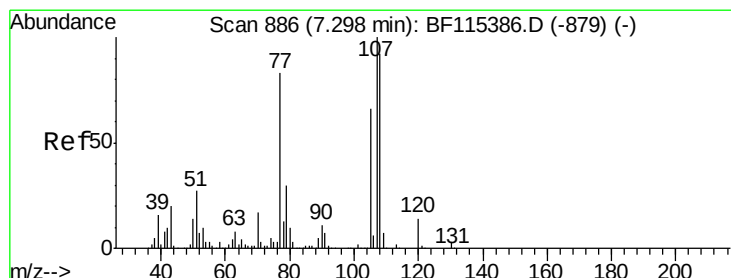
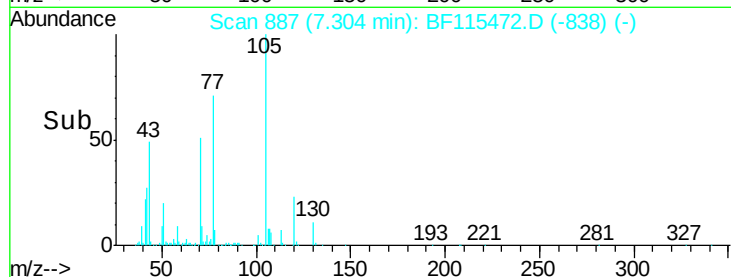
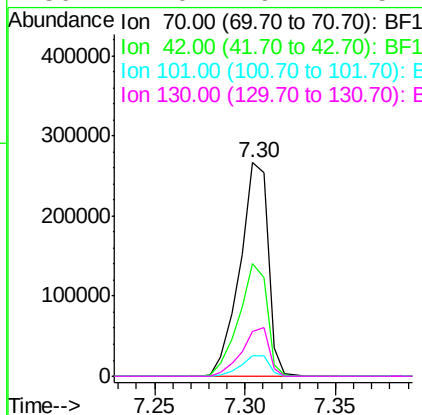
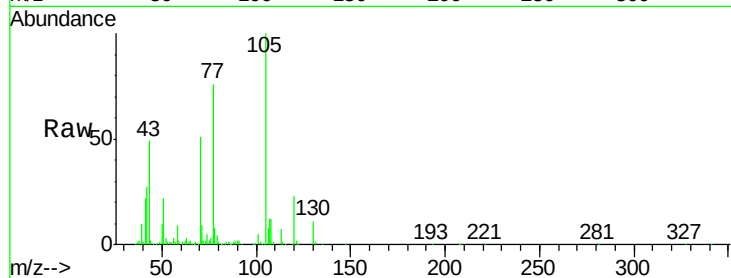
#19
n-Nitroso-di-n-propylamine
Concen: 36.359 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	38.5	57.7	
101	9.8	8.0	12.0	
130	21.0	19.1	28.7	

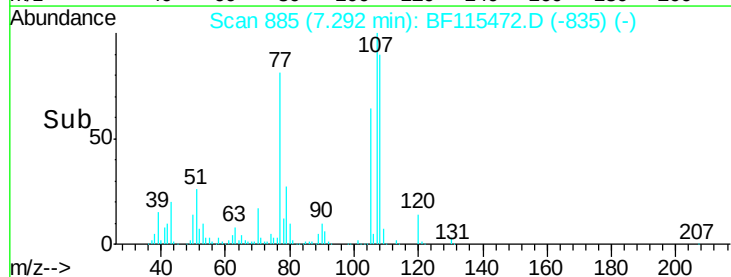
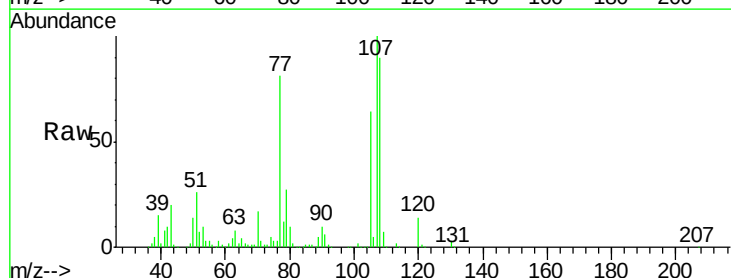
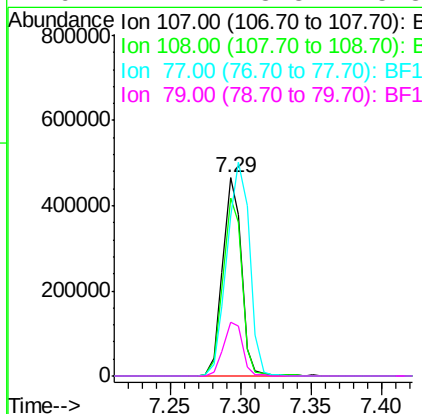
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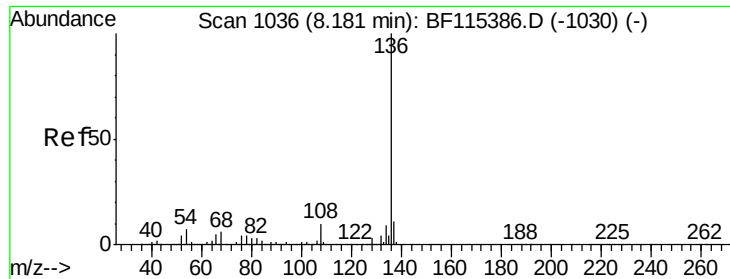
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#20
3+4-Methylphenols
Concen: 40.990 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	70.5	110.5	
77	80.7	63.0	103.0	
79	27.4	8.3	48.3	





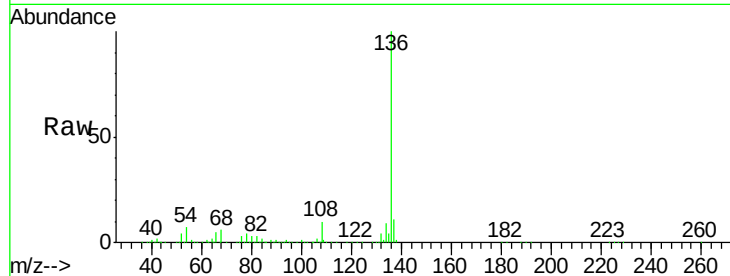
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

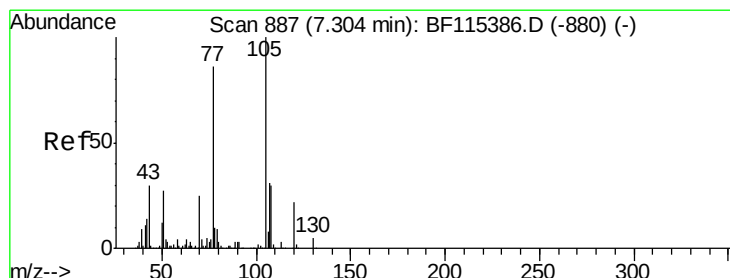
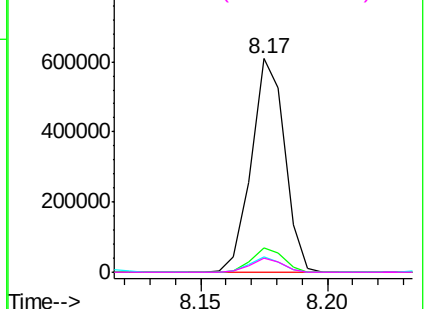
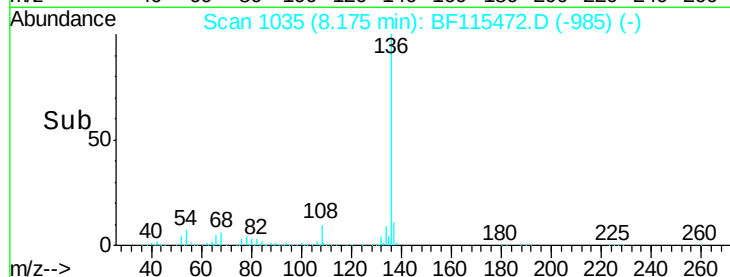
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	558262		
137	11.2	8.8	13.2	
54	7.3	5.4	8.0	
68	6.4	4.8	7.2	

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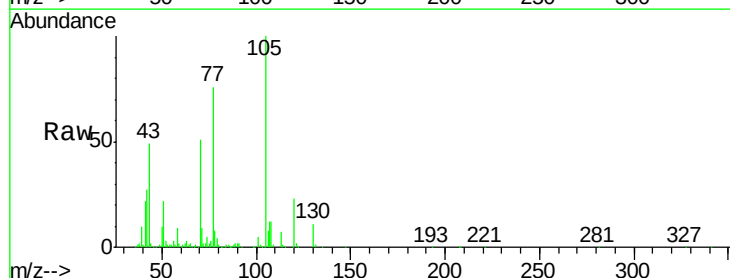


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

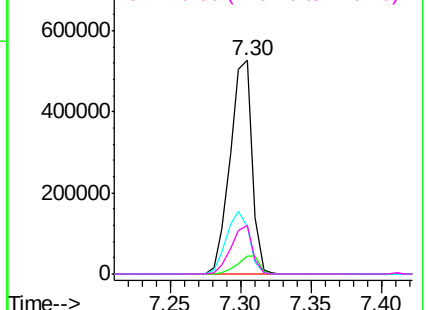
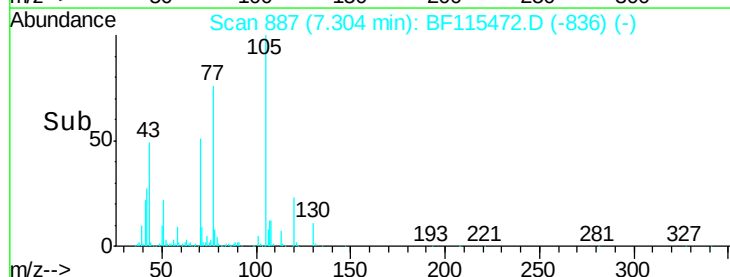


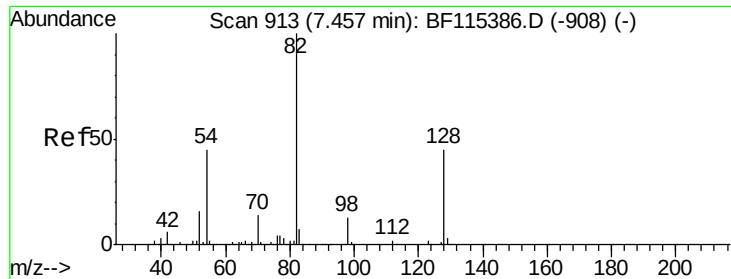
#22
Acetophenone
Concen: 42.515 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	568723		
71	8.7	3.5	5.3#	
51	22.1	22.6	33.8#	
120	22.8	17.9	26.9	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





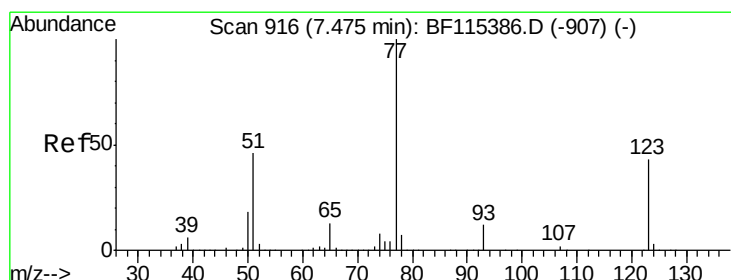
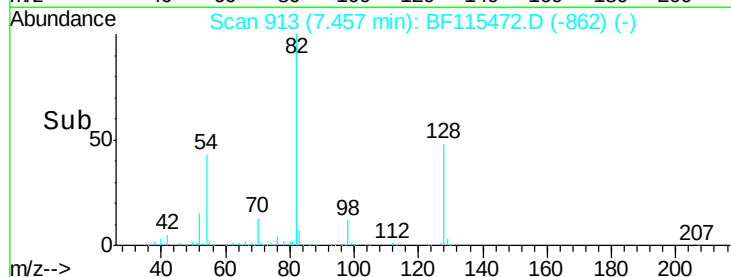
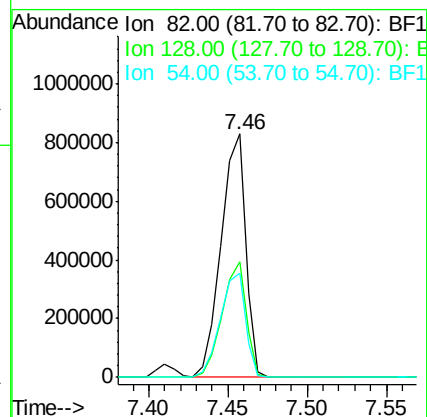
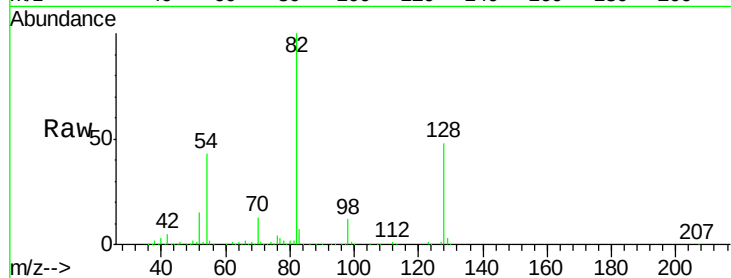
#23
 Nitrobenzene-d5
 Concen: 94.783 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.7	55.1
54	42.6	35.6	53.4

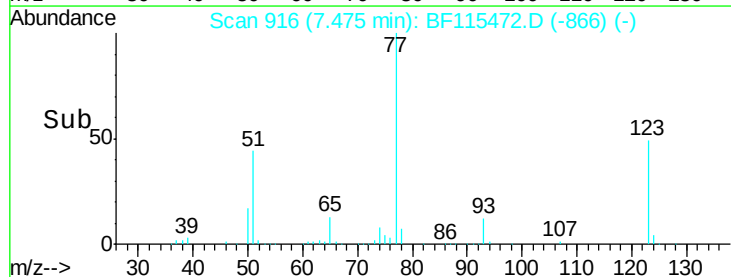
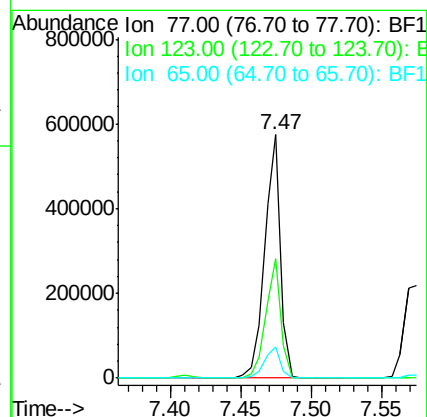
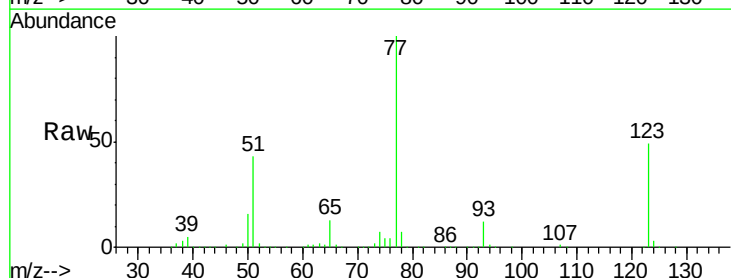
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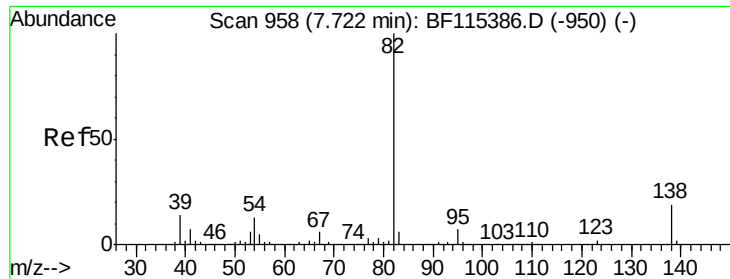
mohammad
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#24
 Nitrobenzene
 Concen: 42.348 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	40.4	60.6
65	12.9	10.4	15.6





#25

Isophorone

Concen: 40.038 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

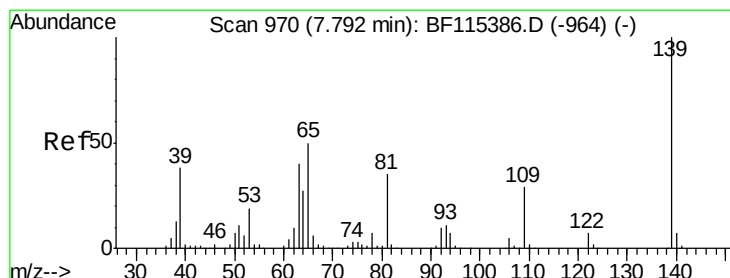
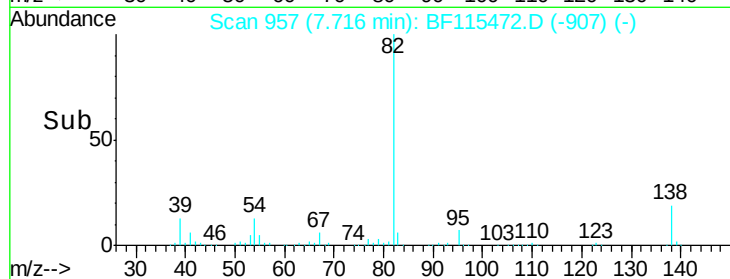
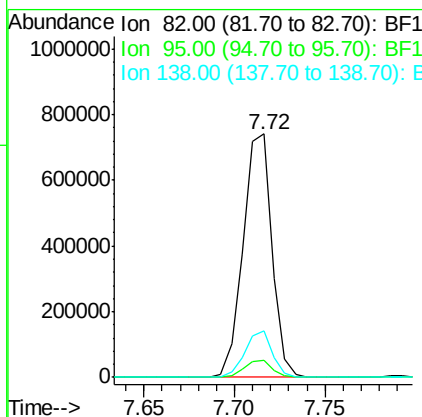
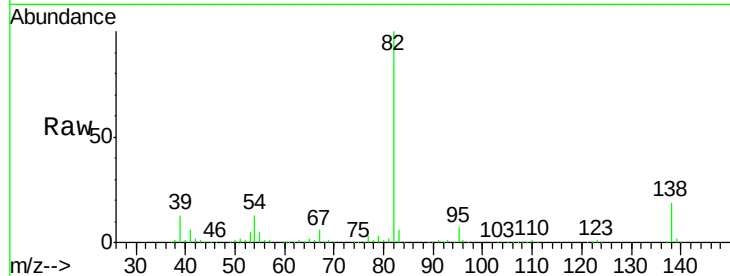
ClientSampleId :

COMP-1_070919MS

Tgt Ion:	82	Resp:	820002
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	19.0	15.1	22.7

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#26

2-Nitrophenol

Concen: 51.107 ng

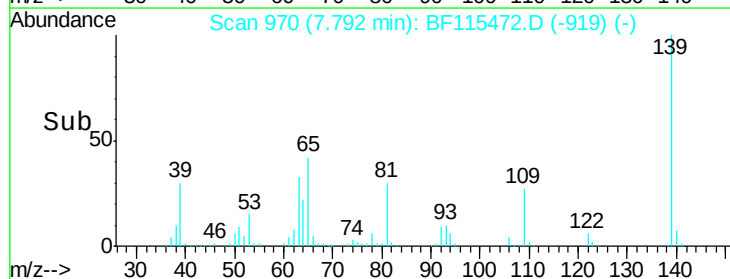
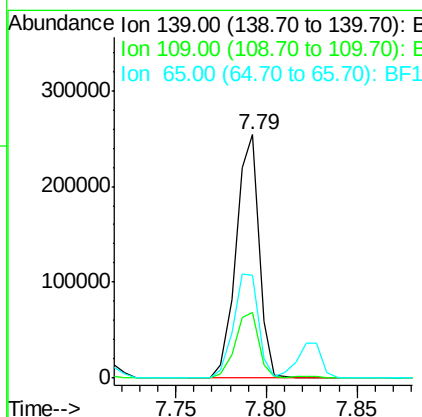
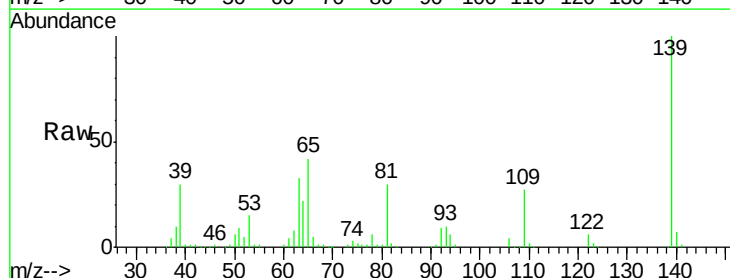
RT: 7.79 min Scan# 970

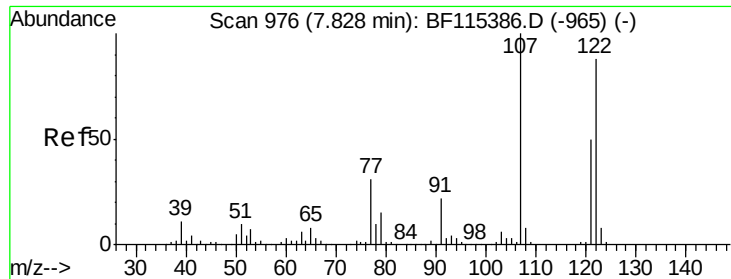
Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt Ion:	139	Resp:	224210
Ion Ratio	Lower	Upper	
139	100		
109	26.8	22.2	33.4
65	42.2	37.5	56.3





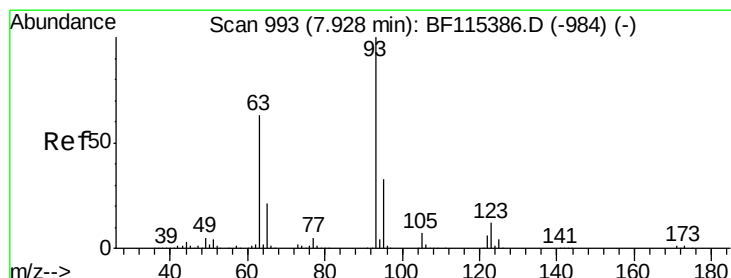
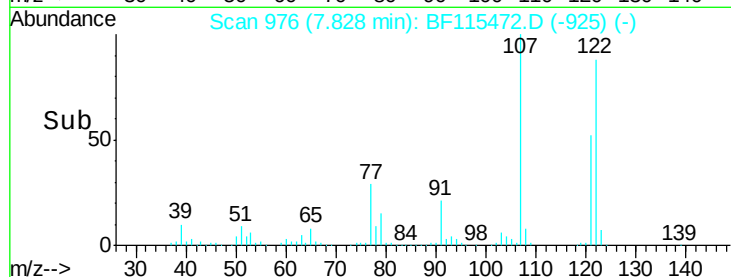
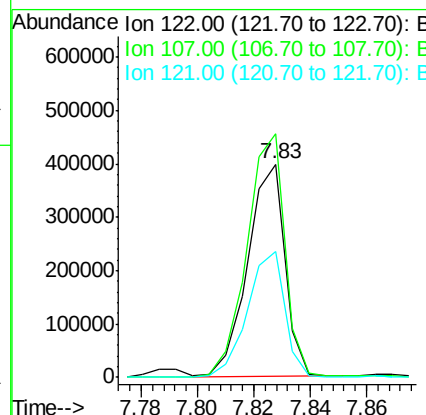
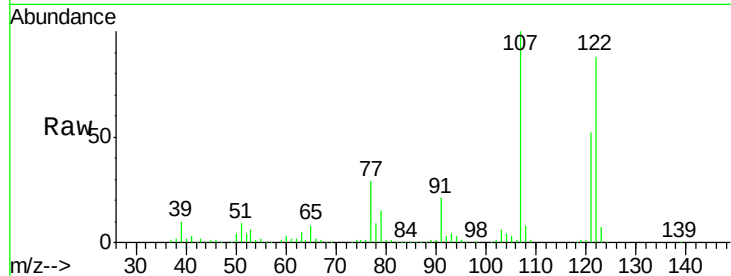
#27
 2,4-Dimethylphenol
 Concen: 43.505 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	363938		
107	114.1	91.7	137.5	
121	58.8	47.7	71.5	

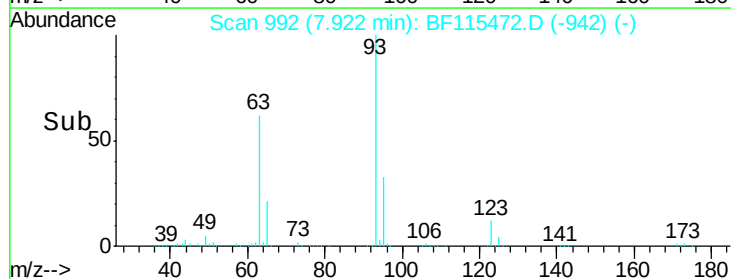
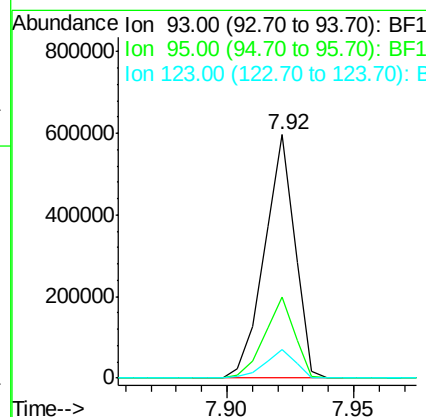
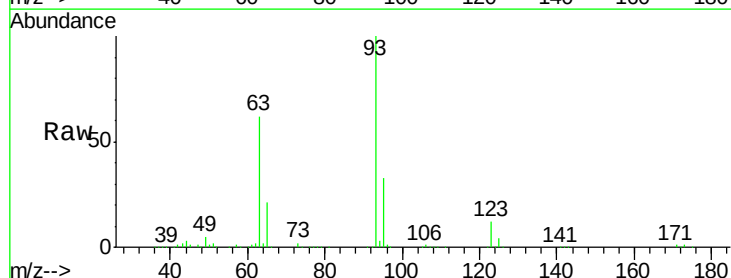
Manual Integrations
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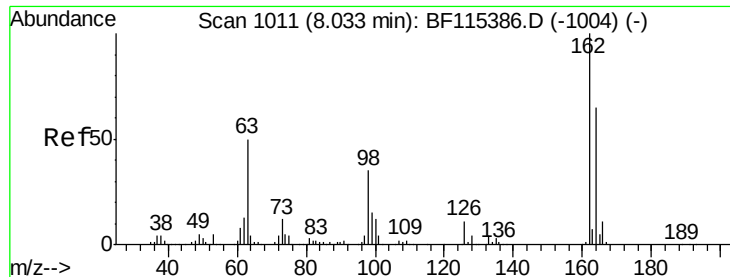
mohammad
 7/11/2019 5:22:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.756 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	502081		
95	33.5	26.6	39.8	
123	11.6	10.4	15.6	





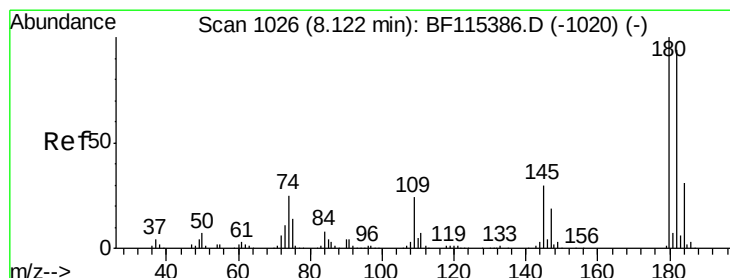
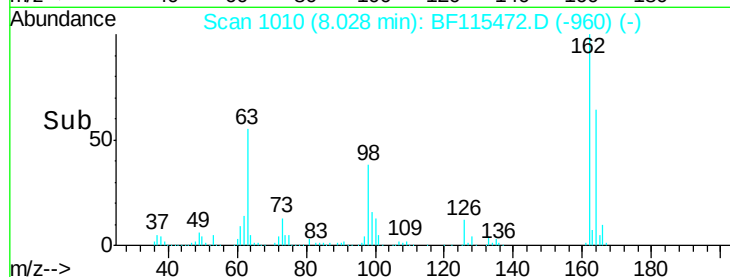
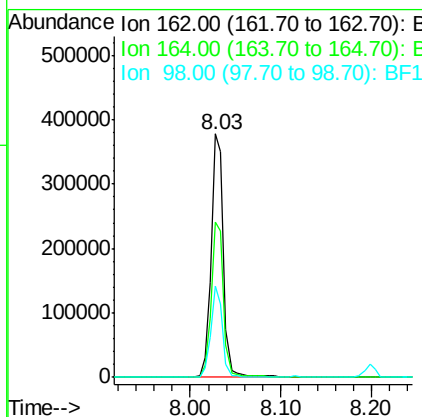
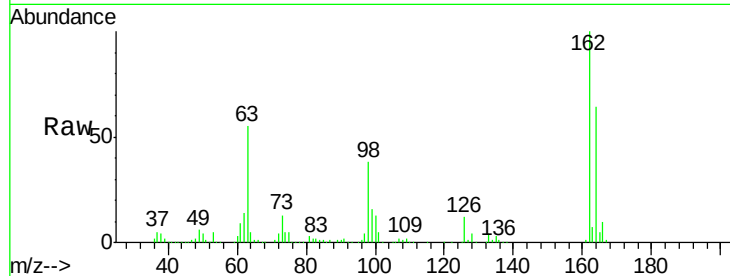
#29
2,4-Dichlorophenol
Concen: 43.680 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	363946		
164	63.8	45.2	85.2	
98	37.6	17.0	57.0	

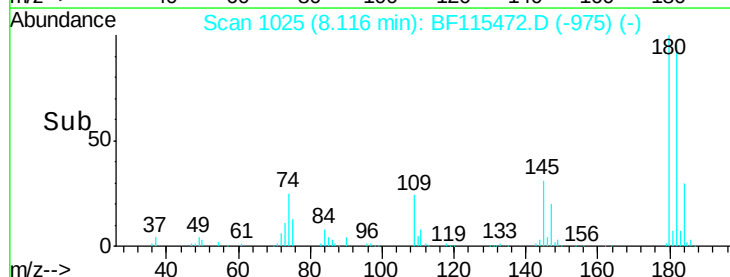
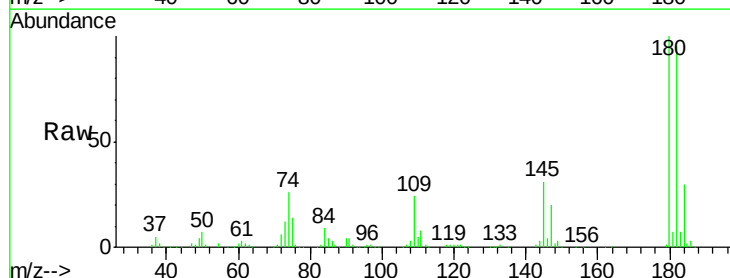
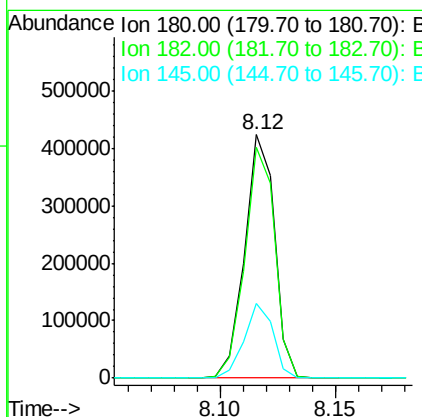
Manual Integrations
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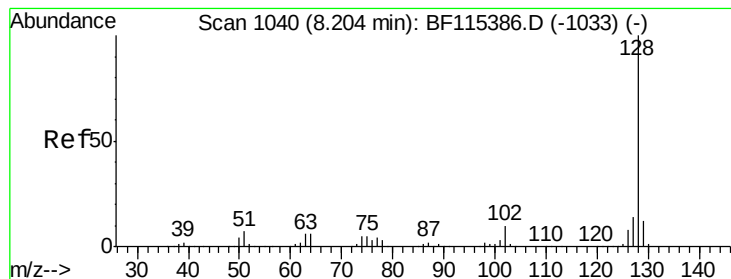
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.464 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	384607		
182	94.9	77.1	115.7	
145	30.6	23.9	35.9	





#31

Naphthalene

Concen: 42.566 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MS

Tgt Ion:128 Resp: 1180308

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

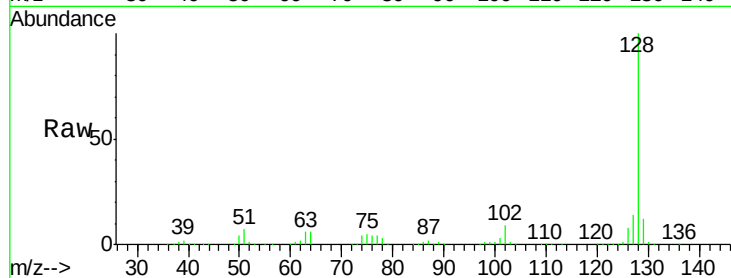
127 13.6 11.1 16.7

Manual Integrations

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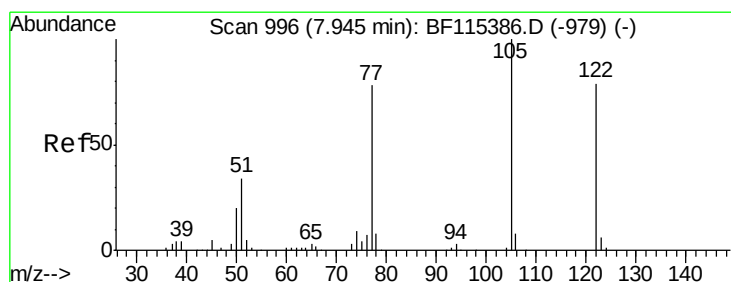
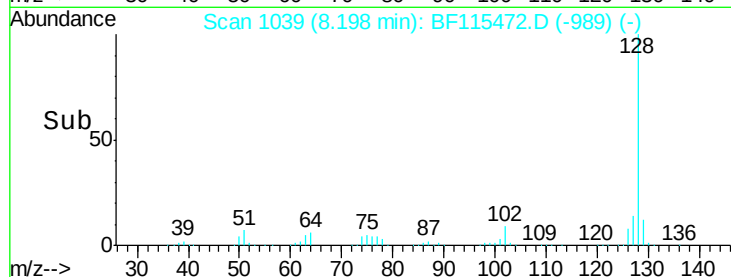
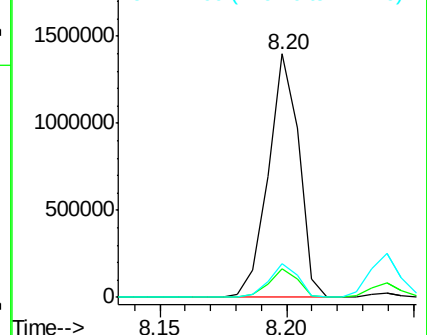
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.765 ng m

RT: 7.86 min Scan# 982

Delta R.T. -0.08 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

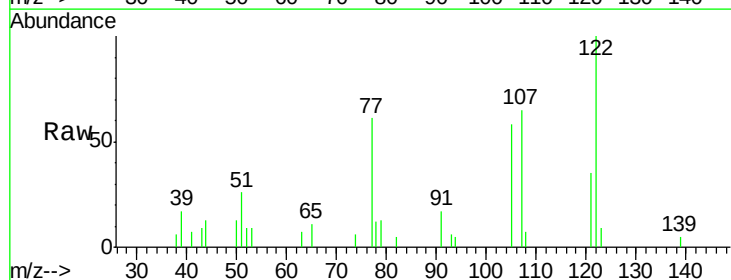
Tgt Ion:122 Resp: 5038

Ion Ratio Lower Upper

122 100

105 57.7 101.6 141.6#

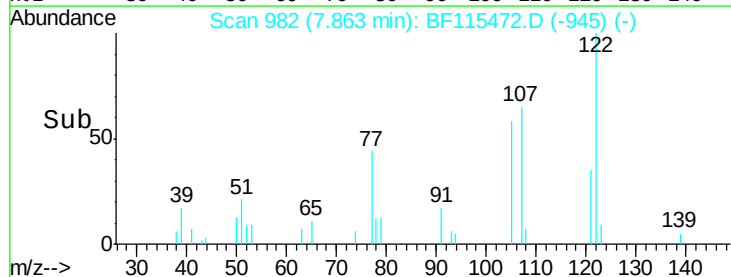
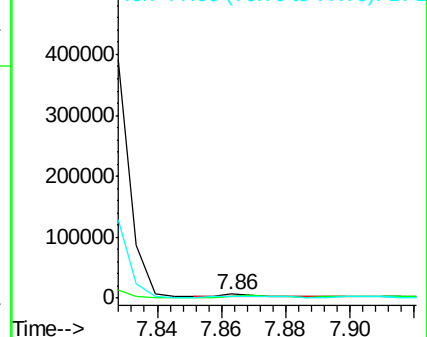
77 60.6 69.1 109.1#

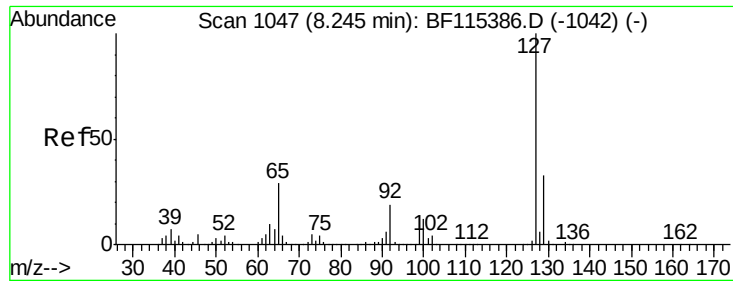


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





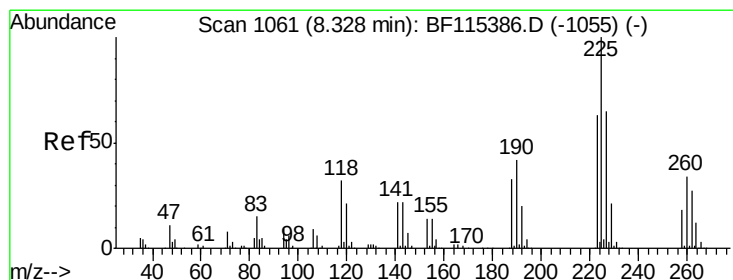
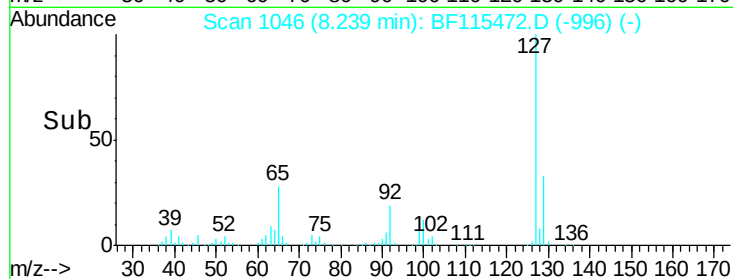
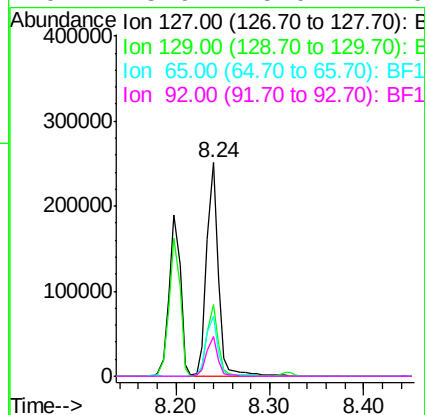
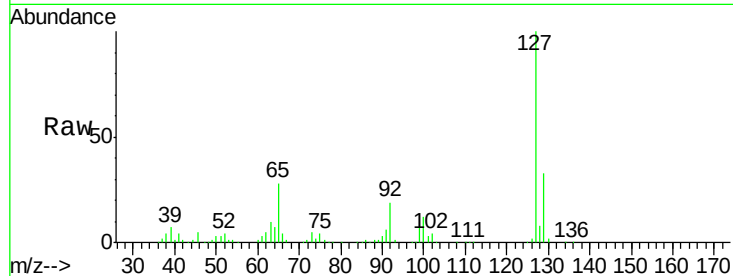
#33
4-Chloroaniline
Concen: 17.817 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	220427		
129	33.4	26.1	39.1	
65	28.2	23.2	34.8	
92	18.6	15.0	22.6	

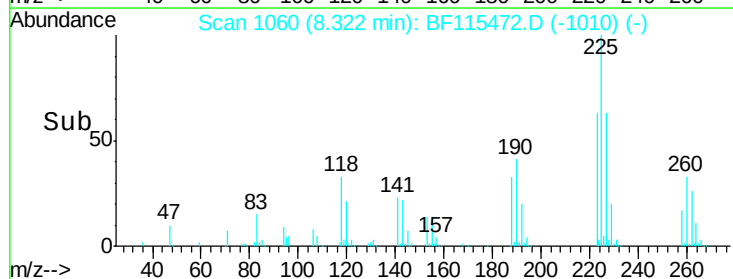
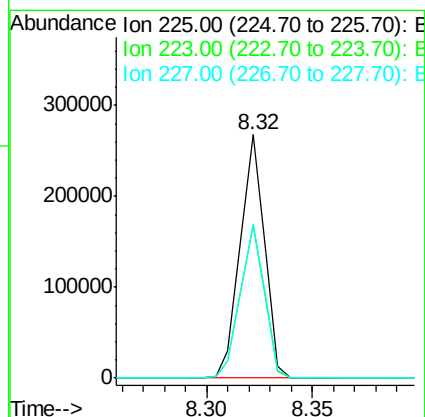
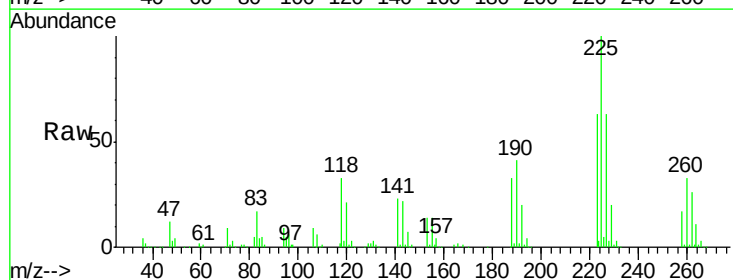
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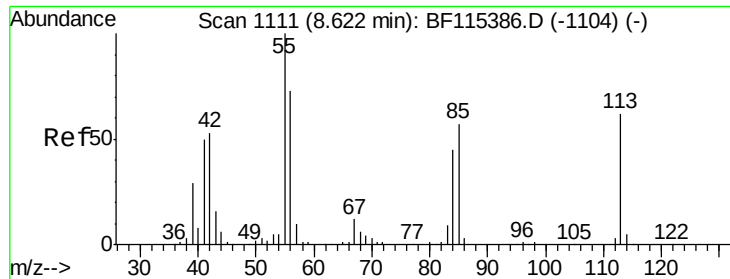
mohammad
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#34
Hexachlorobutadiene
Concen: 40.381 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212418		
223	63.0	50.6	76.0	
227	63.3	51.4	77.2	





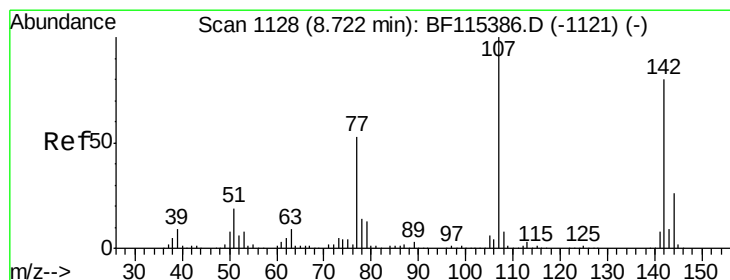
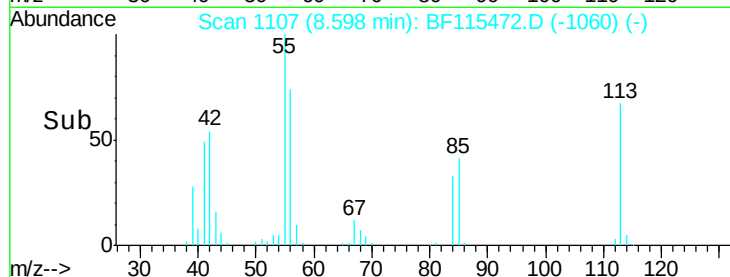
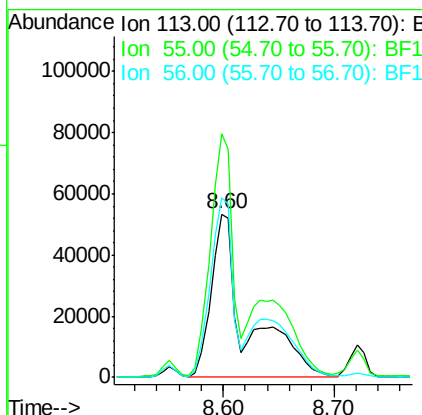
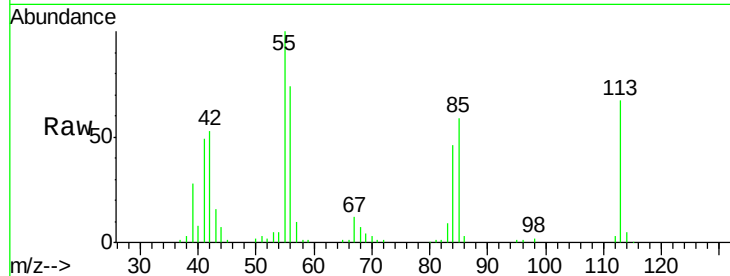
#35
 Caprolactam
 Concen: 43.821 ng m
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118918		
55	149.1	138.1	178.1	
56	110.3	95.7	135.7	

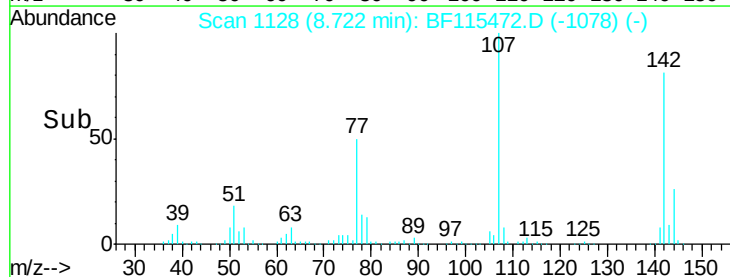
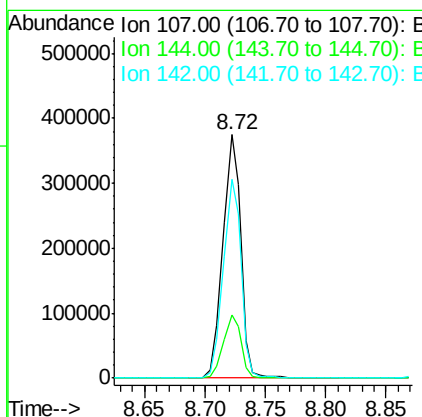
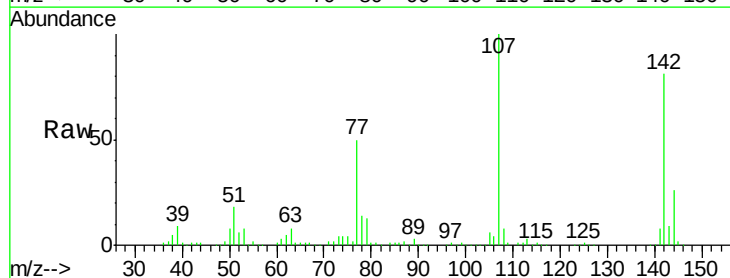
Manual Integrations
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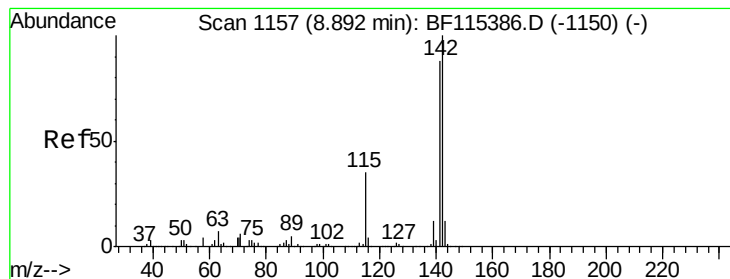
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.851 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	386471		
144	25.9	21.5	32.3	
142	81.4	66.2	99.2	





#37

2-Methylnaphthalene

Concen: 42.617 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

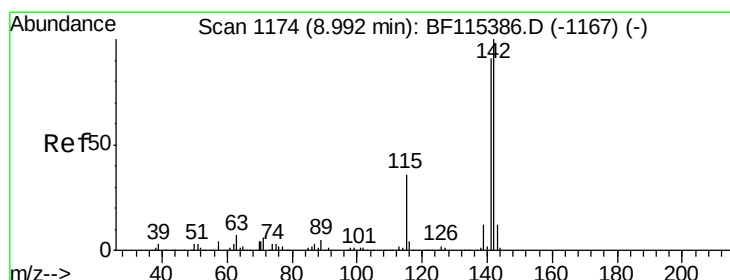
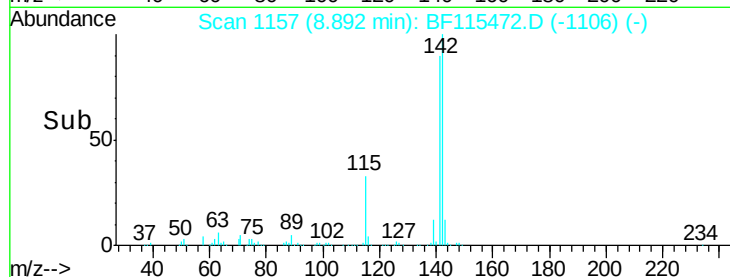
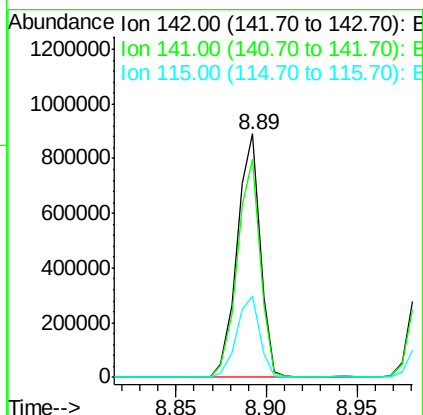
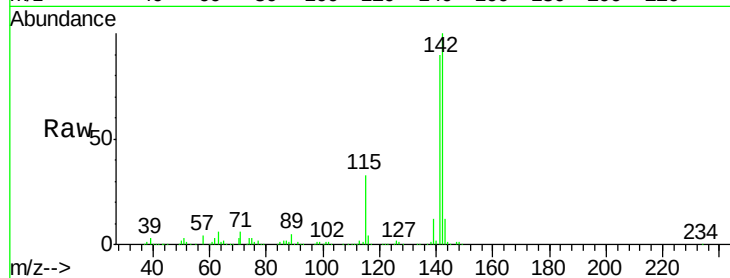
ClientSampleId :

COMP-1_070919MS

Tgt Ion:	142	Resp:	789875
Ion Ratio	Lower	Upper	
142	100		
141	89.8	72.1	108.1
115	33.5	27.6	41.4

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#38

1-Methylnaphthalene

Concen: 42.080 ng

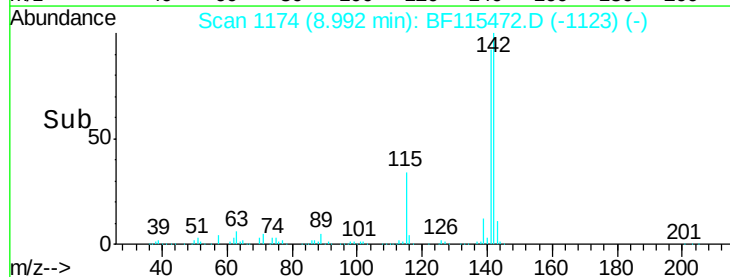
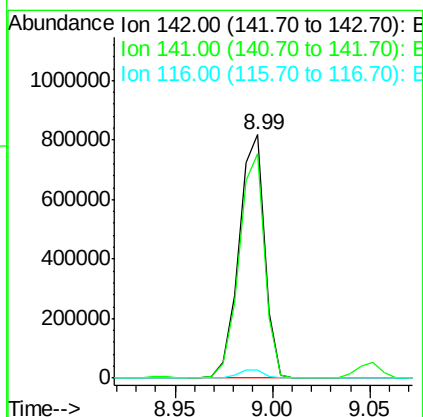
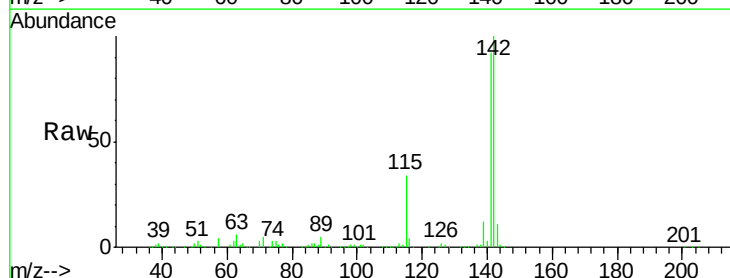
RT: 8.99 min Scan# 1174

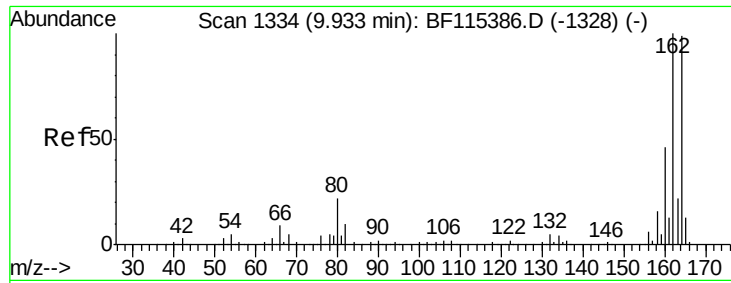
Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt Ion:	142	Resp:	744133
Ion Ratio	Lower	Upper	
142	100		
141	92.0	74.3	111.5
116	3.5	3.1	4.7





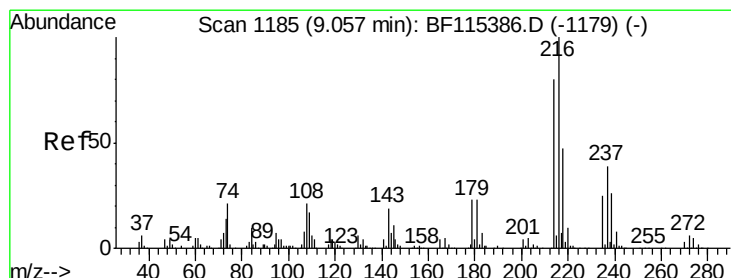
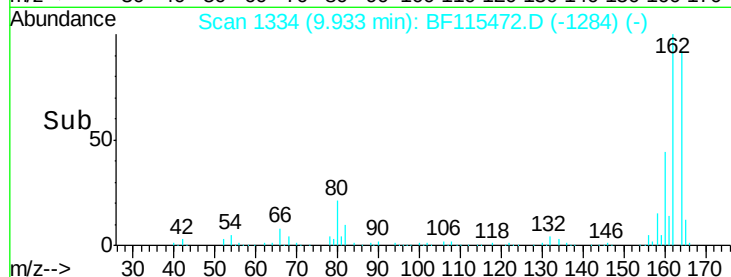
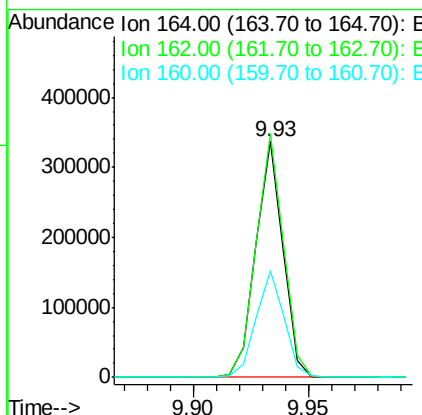
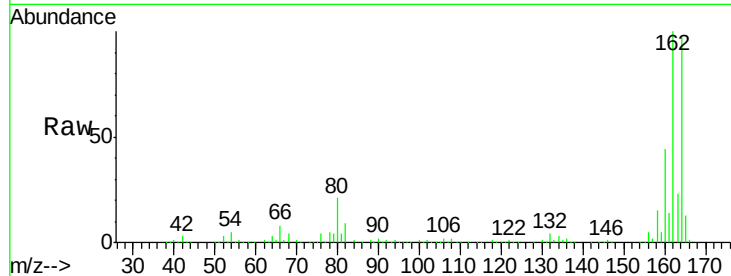
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	277758		
162	103.3	82.3	123.5	
160	45.3	37.2	55.8	

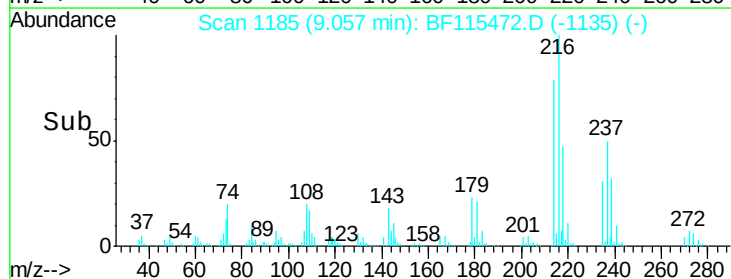
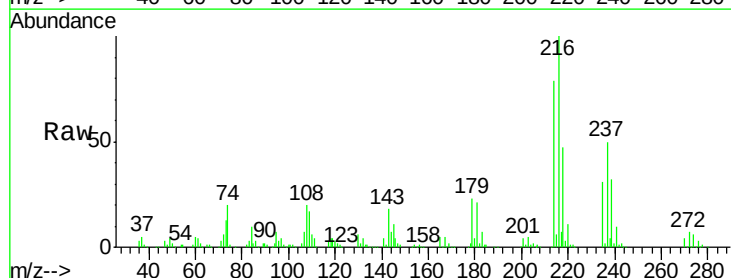
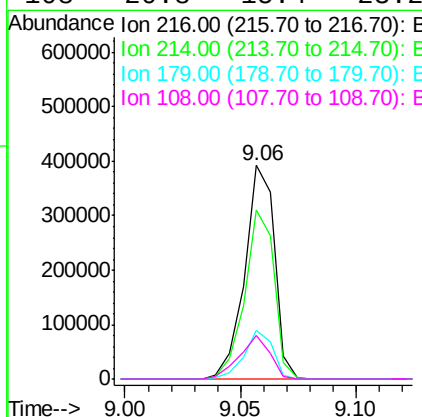
Manual Integrations
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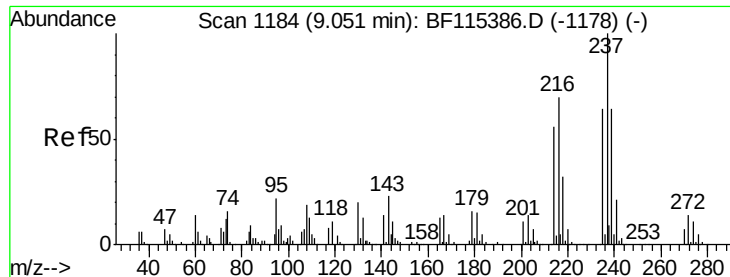
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.255 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	353626		
214	78.1	63.0	94.6	
179	21.8	17.4	26.0	
108	20.8	15.4	23.2	





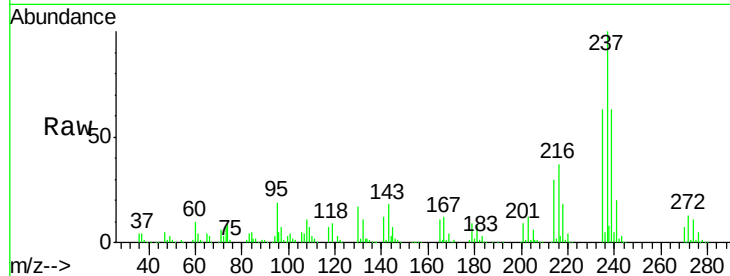
#41
Hexachlorocyclopentadiene
Concen: 78.963 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

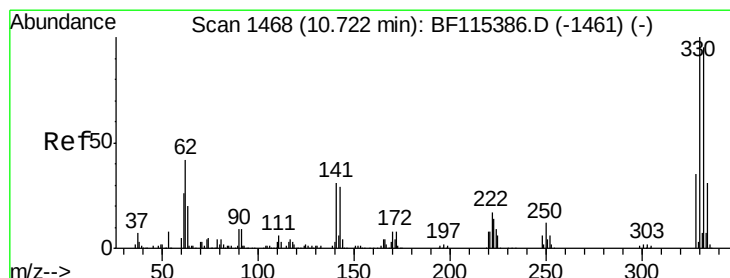
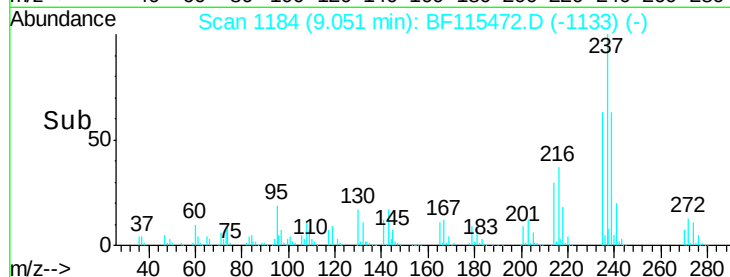
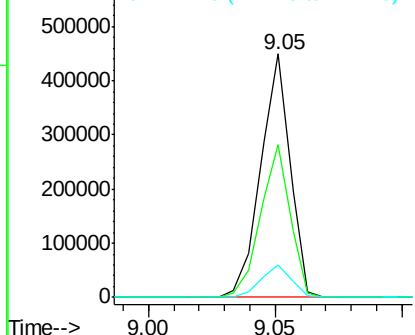
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	43.4	83.4
272	13.4	0.0	33.6

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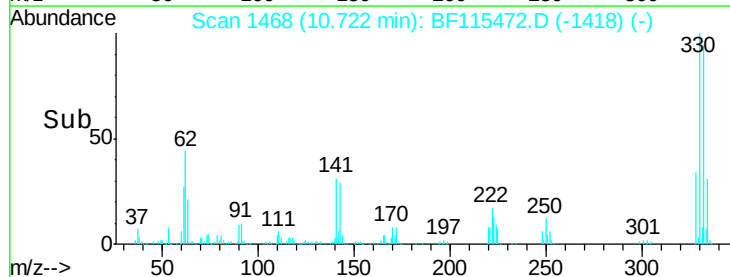
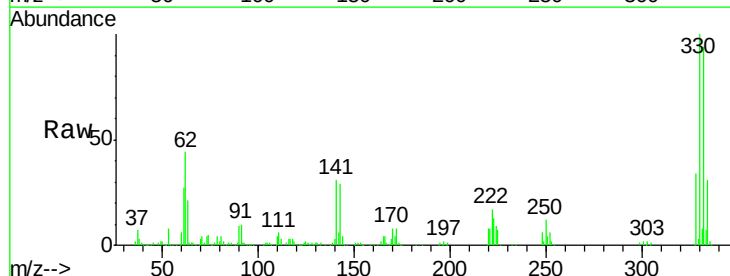
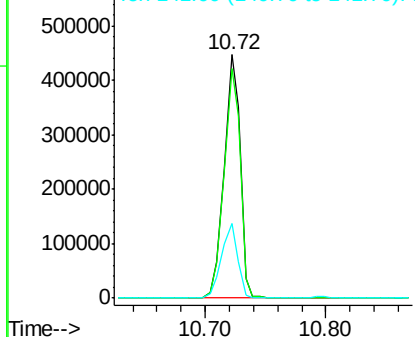
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

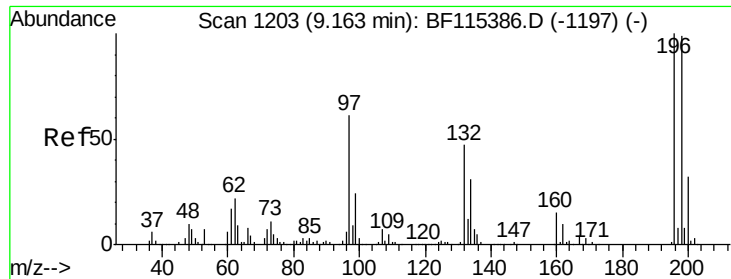


#42
2,4,6-Tribromophenol
Concen: 134.063 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.5	77.4	116.0
141	30.7	24.7	37.1

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





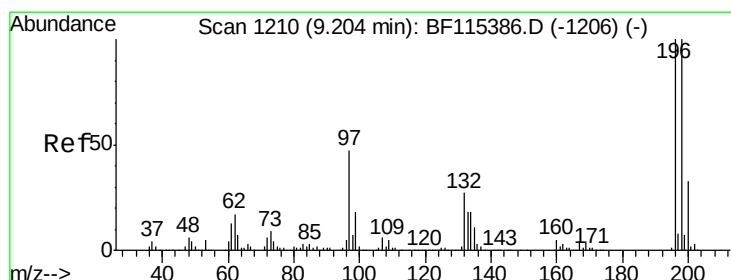
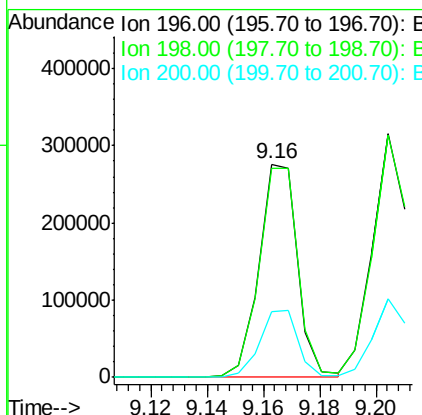
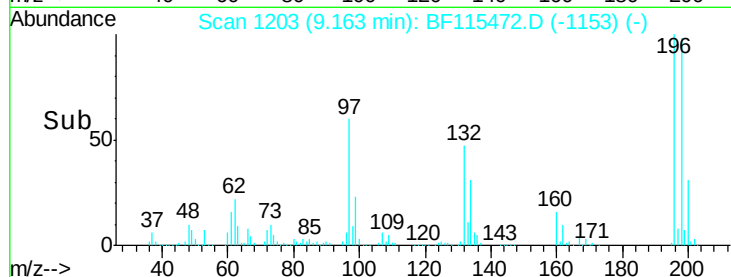
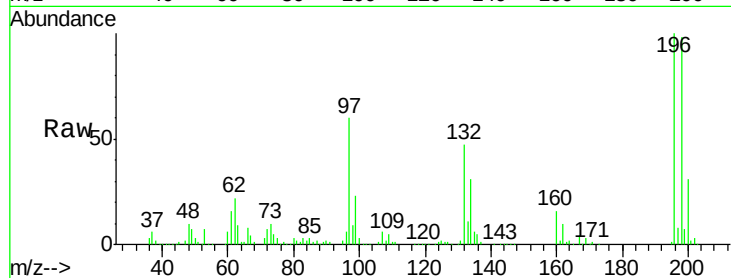
#43
 2,4,6-Trichlorophenol
 Concen: 44.903 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261219		
198	97.7	78.2	117.4	
200	30.9	25.0	37.6	

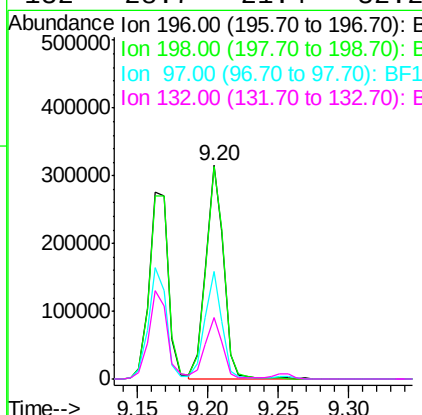
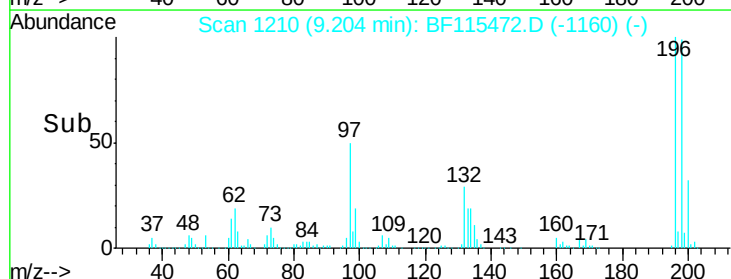
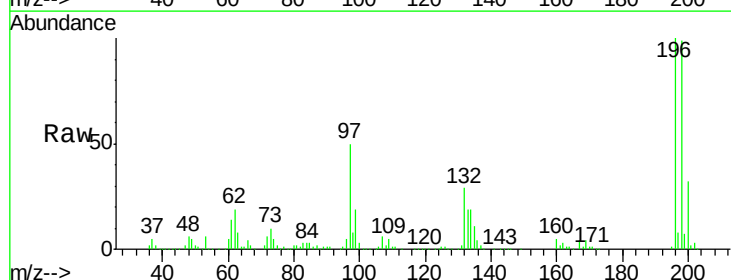
Manual Integrations
 APPROVED

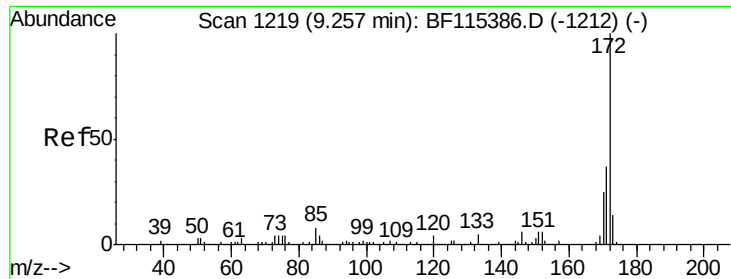
mohammad
 7/11/2019 5:22:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.606 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275107		
198	99.5	80.6	120.8	
97	50.1	34.0	51.0	
132	28.7	21.4	32.2	





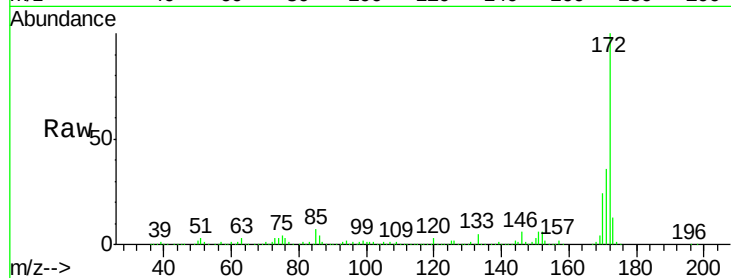
#45
2-Fluorobiphenyl
Concen: 93.892 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.8
170	24.3	20.0	30.0

Manual Integrations
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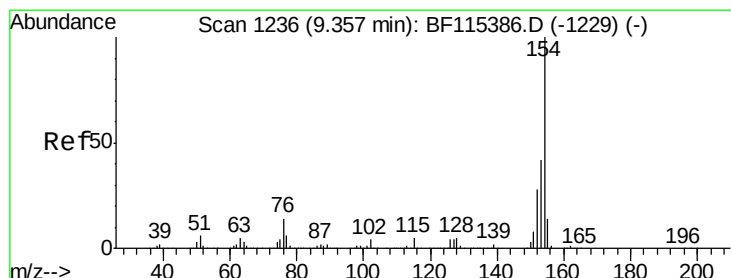
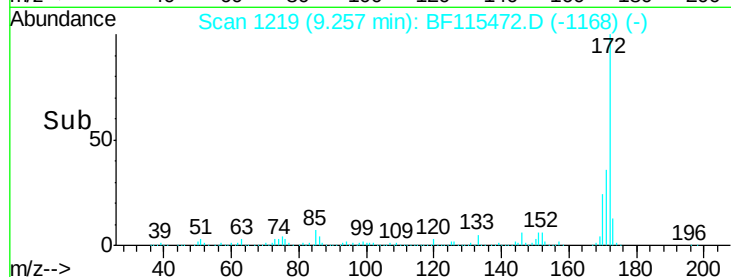
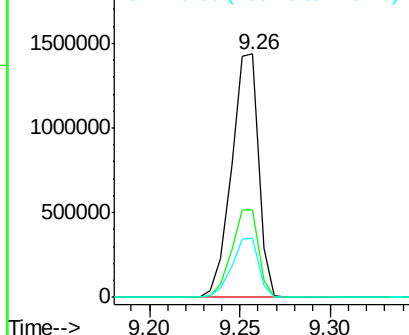


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.120 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

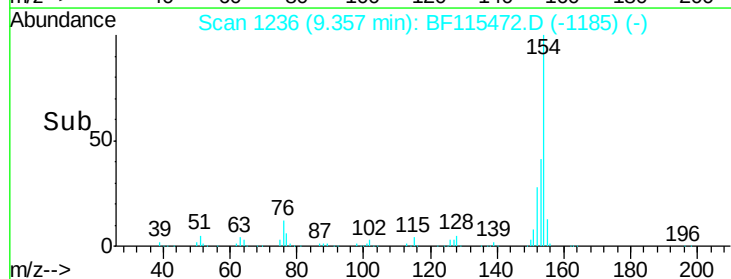
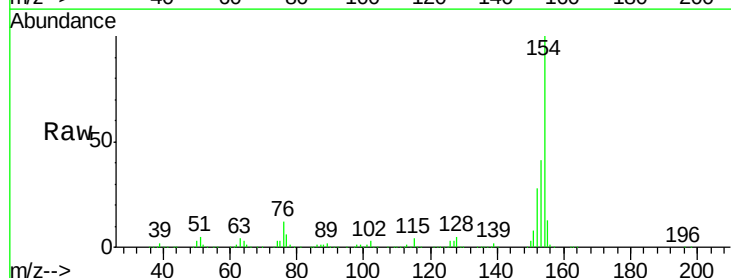
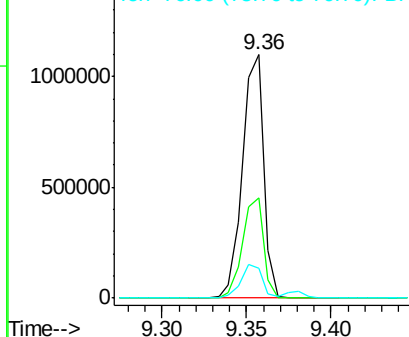
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	12.3	0.0	34.6

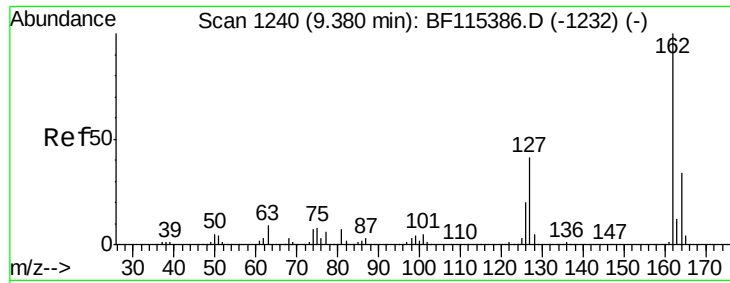
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





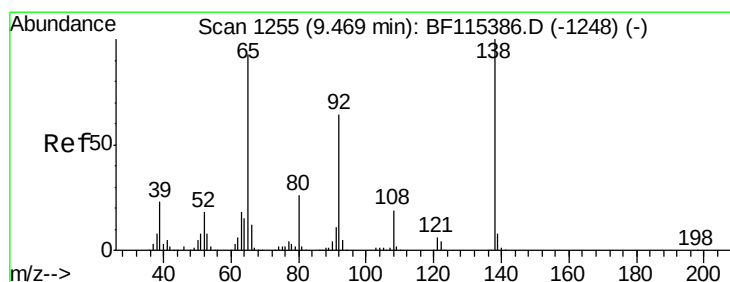
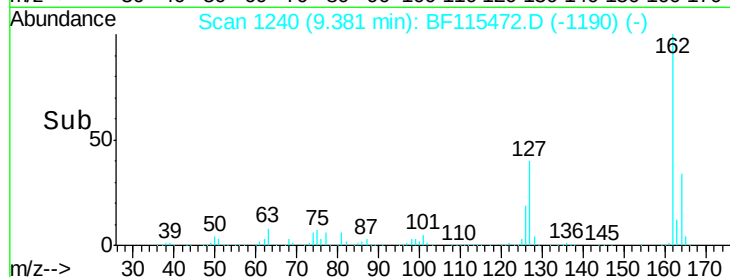
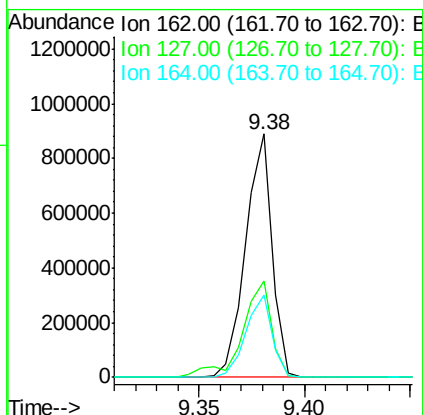
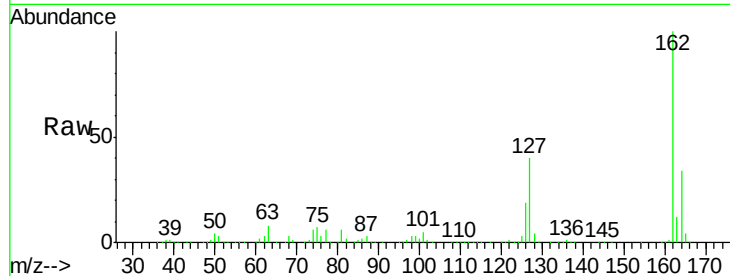
#47
 2-Chloronaphthalene
 Concen: 42.854 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	773389		
127	39.7		31.4	47.0
164	34.0		27.2	40.8

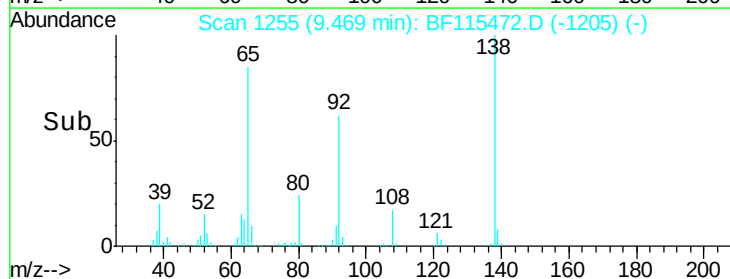
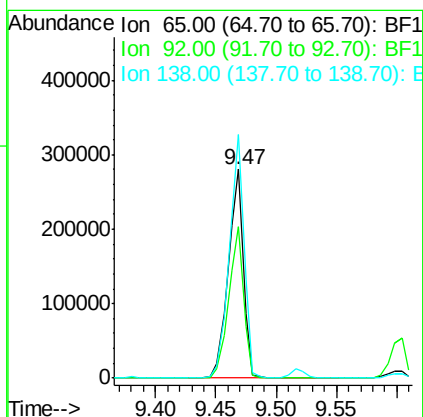
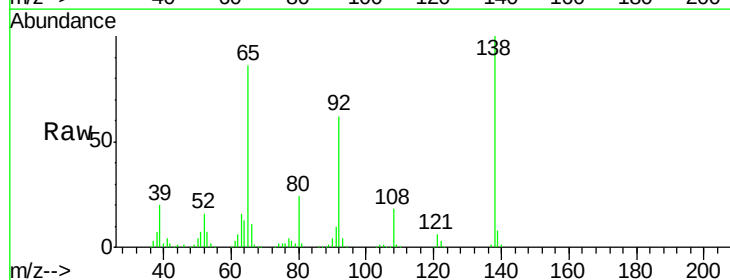
Manual Integrations
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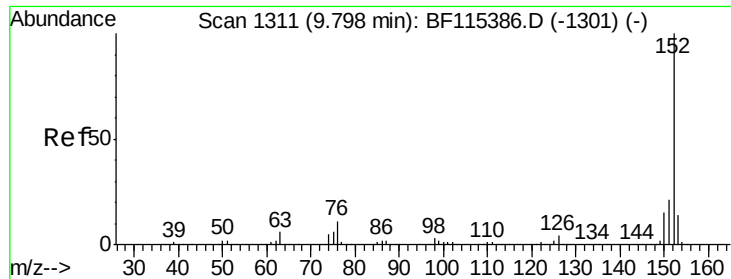
mohammad
 7/11/2019 5:22:22 PM



#48
 2-Nitroaniline
 Concen: 46.167 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	244787		
92	72.6		59.0	88.4
138	116.6		98.3	147.5





#49

Acenaphthylene

Concen: 43.863 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MS

Tgt Ion:152 Resp: 1198503

Ion Ratio Lower Upper

152 100

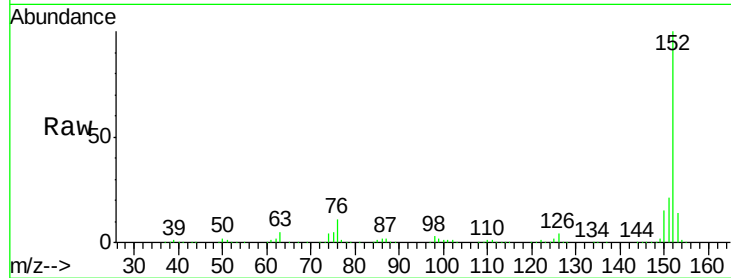
151 20.7 17.1 25.7

153 13.6 11.8 17.6

Manual Integrations
APPROVED

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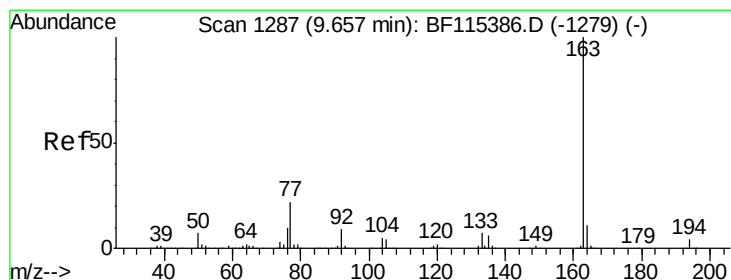
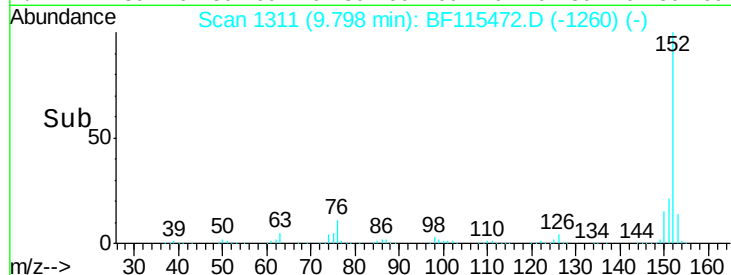
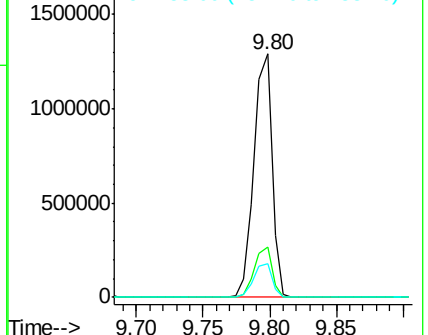
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.925 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

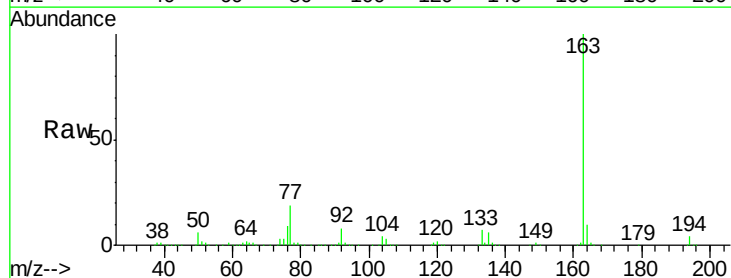
Tgt Ion:163 Resp: 1228460

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

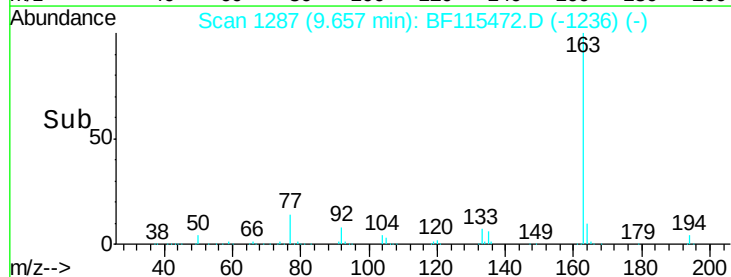
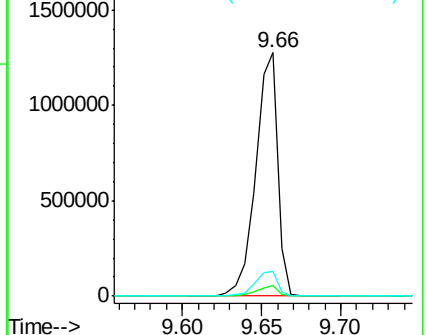
164 10.0 8.6 13.0

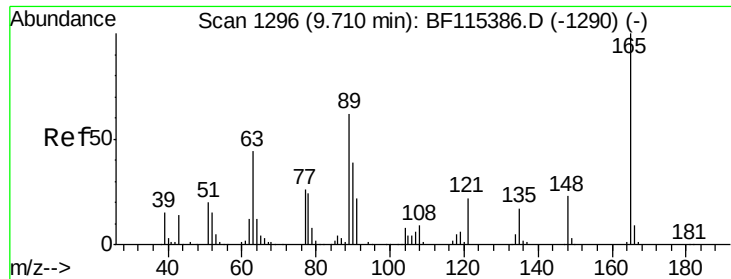


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





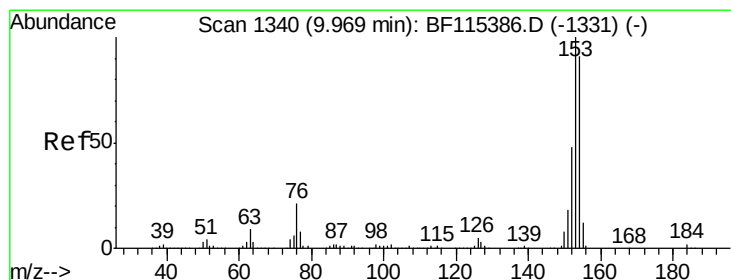
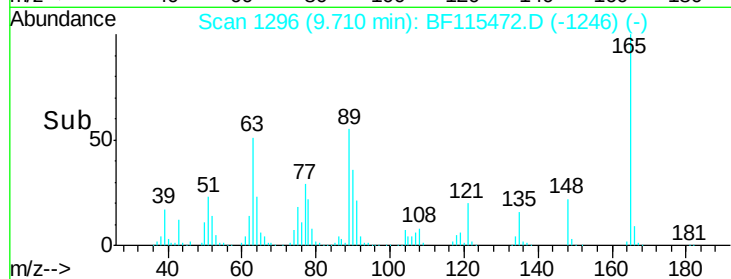
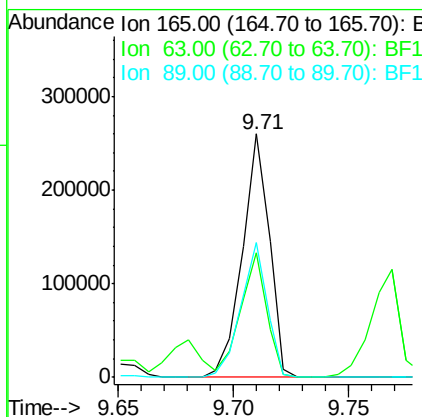
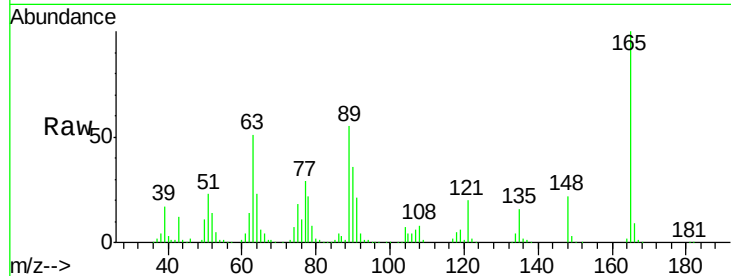
#51
 2,6-Dinitrotoluene
 Concen: 47.100 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212956		
63	51.2	39.7	59.5	
89	55.4	42.8	64.2	

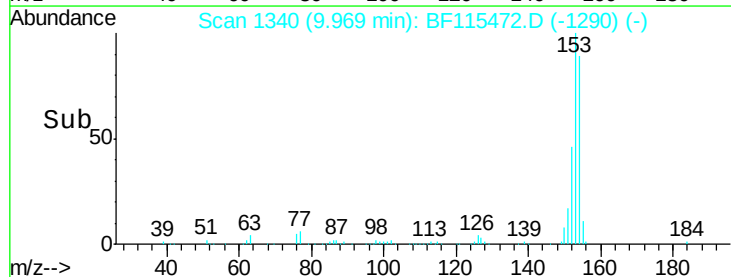
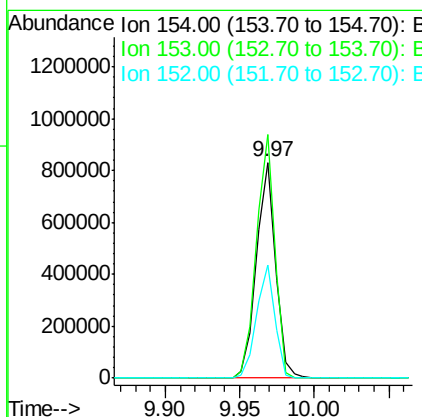
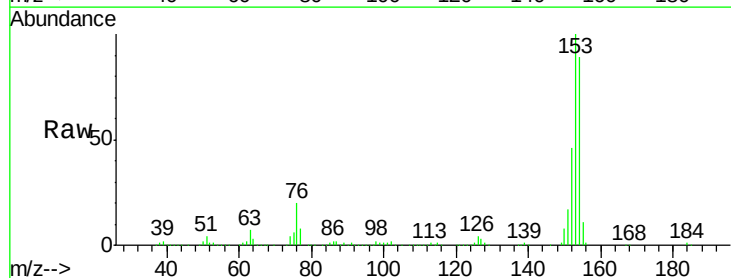
Manual Integrations
 APPROVED

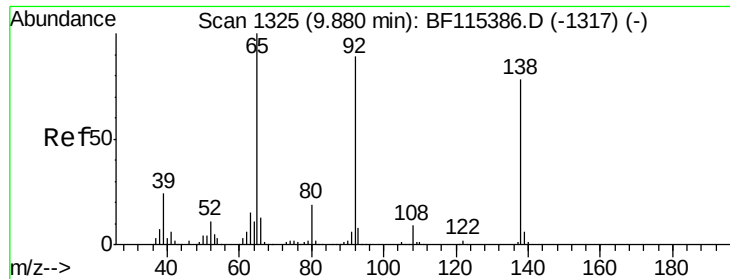
mohammad
 7/11/2019 5:22:22 PM



#52
 Acenaphthene
 Concen: 42.501 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	730864		
153	112.7	89.8	134.8	
152	52.4	41.4	62.0	





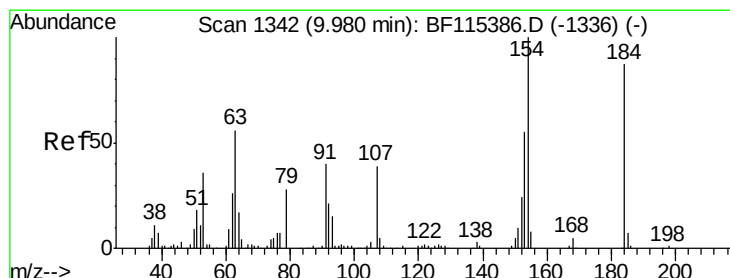
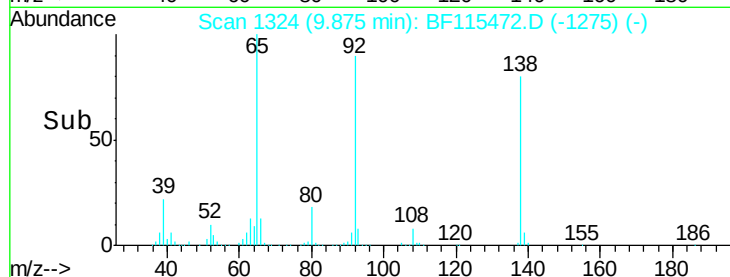
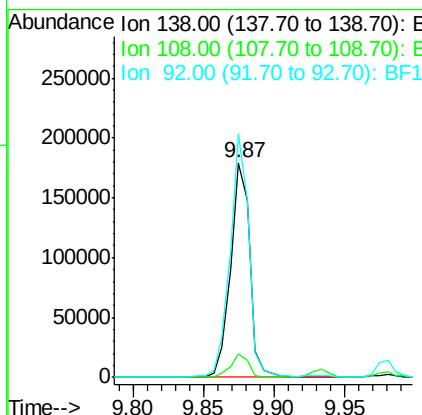
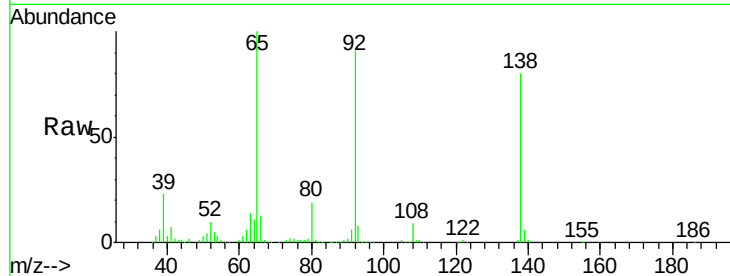
#53
3-Nitroaniline
Concen: 32.329 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	169771		
108	10.9	8.5	12.7	
92	113.6	86.1	129.1	

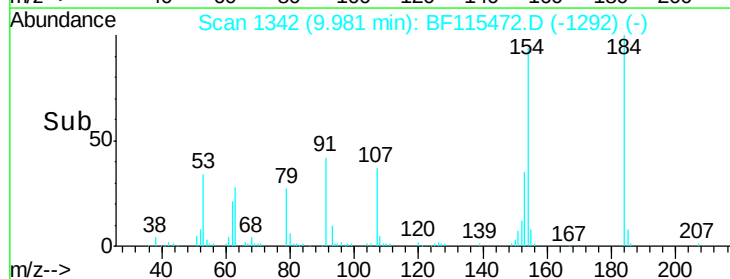
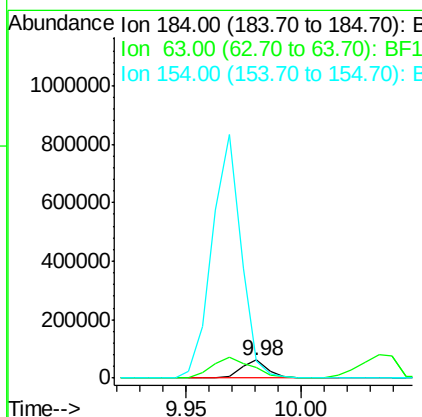
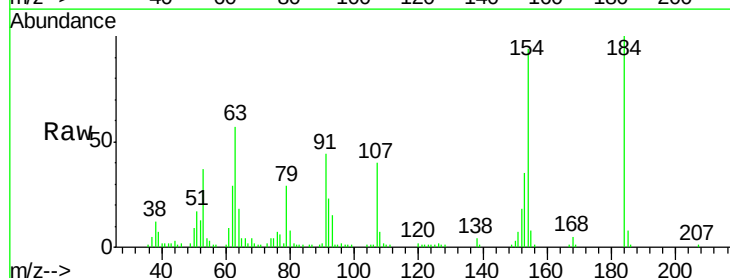
Manual Integrations
APPROVED

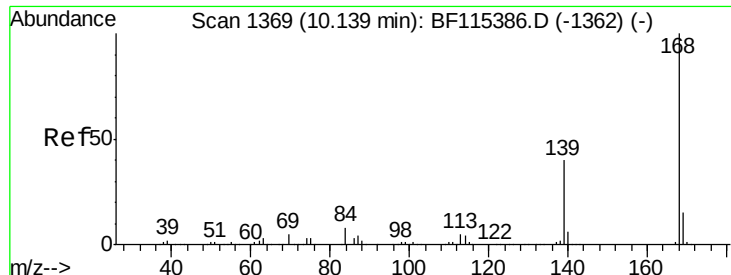
mohammad
7/11/2019 5:22:22 PM



#54
2,4-Dinitrophenol
Concen: 32.842 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	51425		
63	56.9	45.8	68.6	
154	94.0	52.8	79.2#	





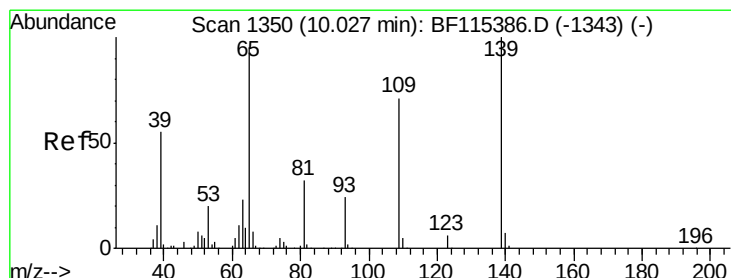
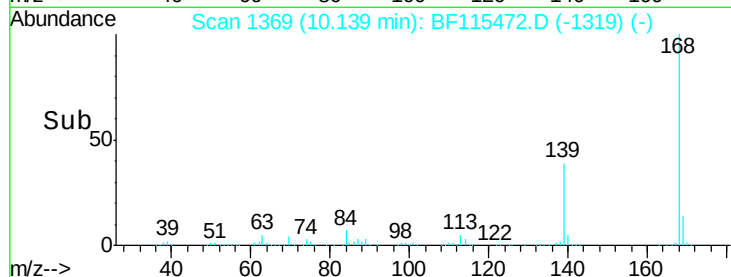
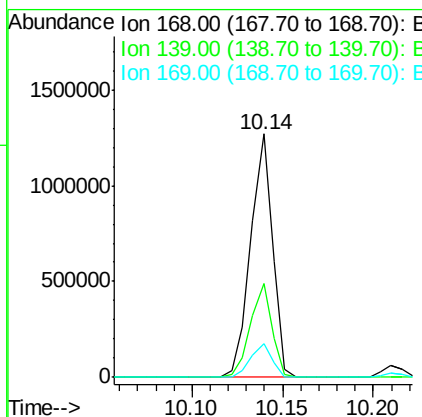
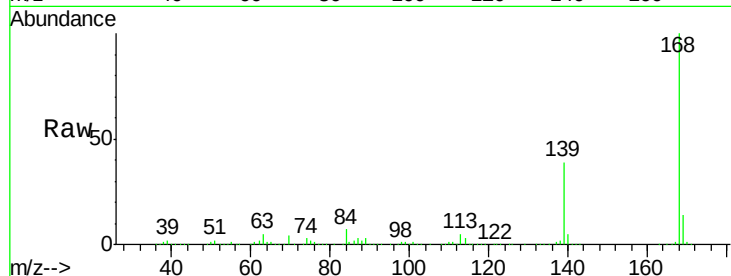
#55
Dibenzenofuran
Concen: 44.207 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion:168 Resp: 1070862
Ion Ratio Lower Upper
168 100
139 38.5 30.6 46.0
169 14.0 11.0 16.6

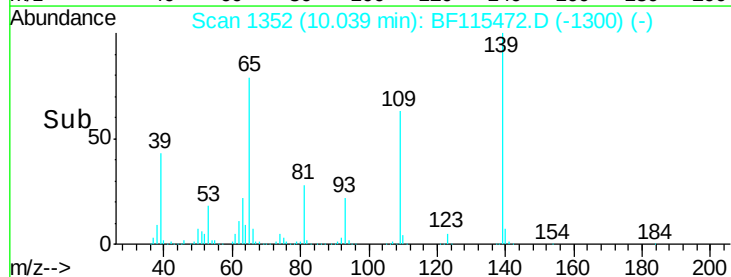
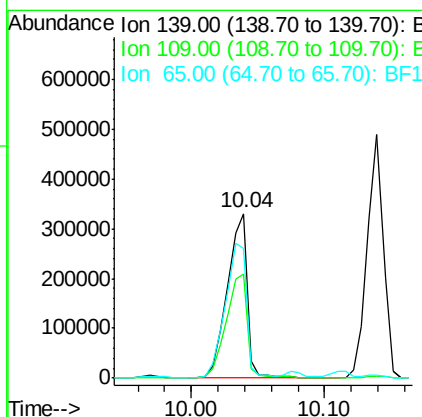
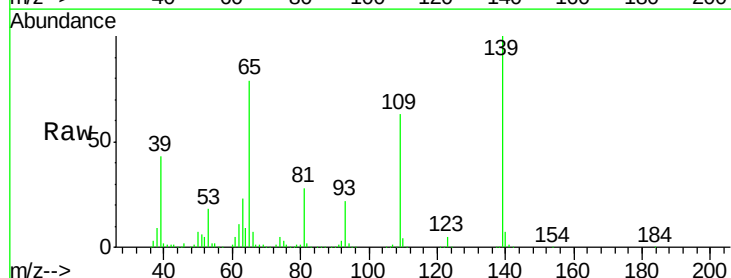
Manual Integrations
APPROVED

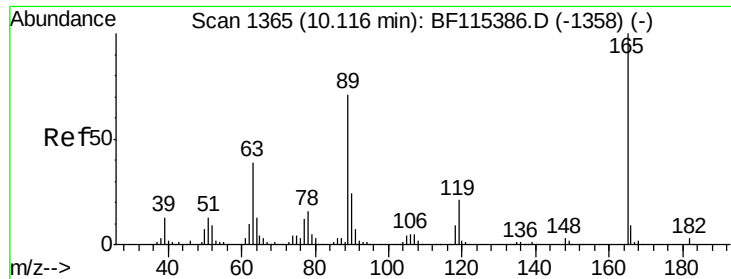
mohammad
7/11/2019 5:22:22 PM



#56
4-Nitrophenol
Concen: 87.037 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion:139 Resp: 353624
Ion Ratio Lower Upper
139 100
109 63.2 46.4 86.4
65 78.5 73.4 113.4





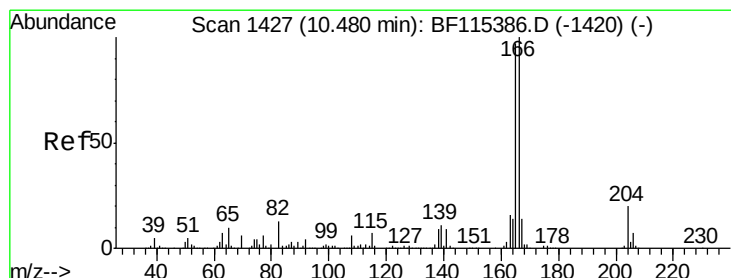
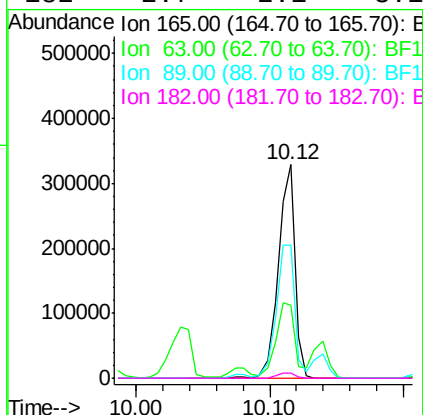
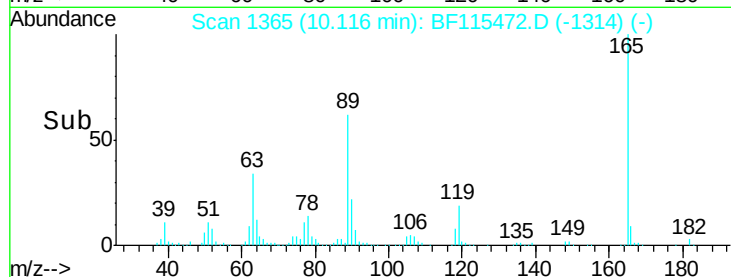
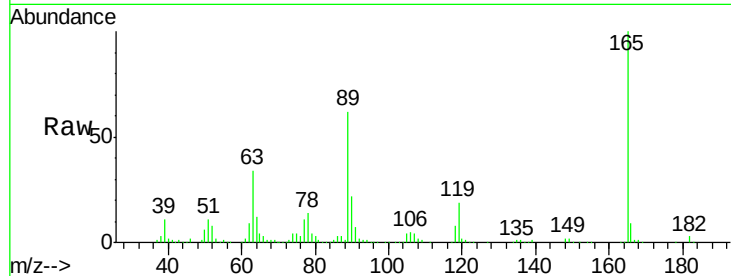
#57
2,4-Dinitrotoluene
Concen: 50.602 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	290766		
63	34.3	33.0	49.4	
89	62.4	58.5	87.7	
182	2.7	2.1	3.1	

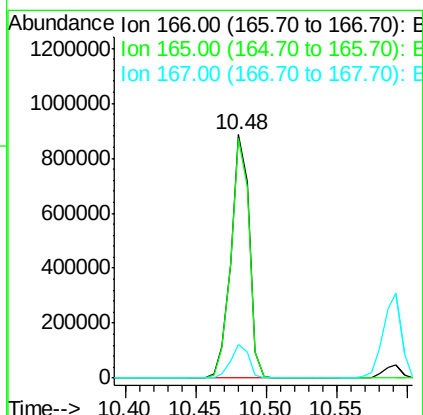
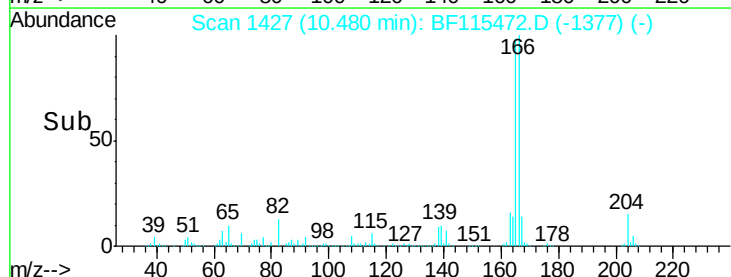
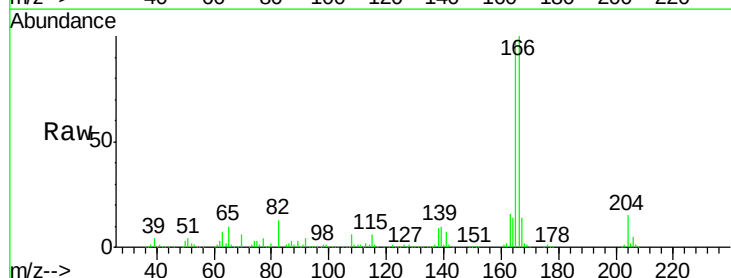
Manual Integrations
APPROVED

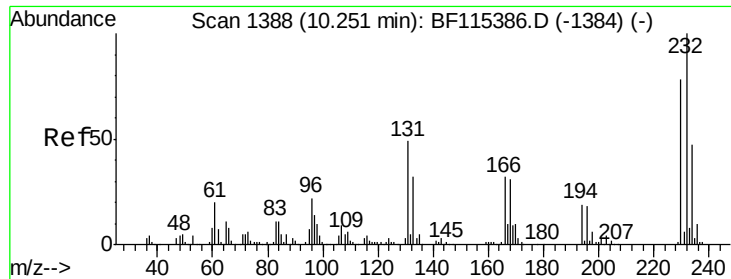
mohammad
7/11/2019 5:22:22 PM



#58
Fluorene
Concen: 41.609 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	794549		
165	98.3	78.7	118.1	
167	13.7	10.8	16.2	





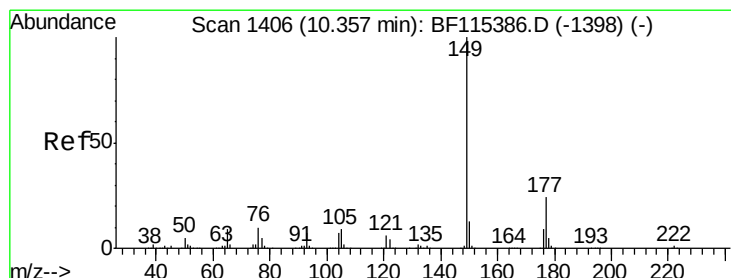
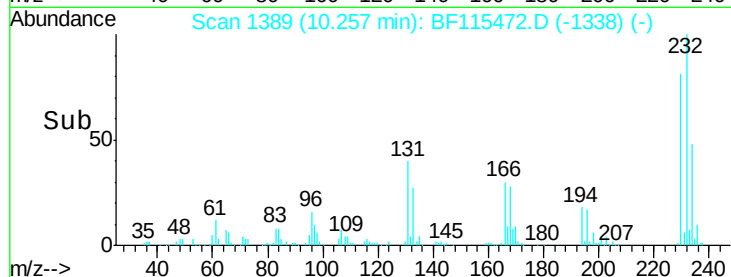
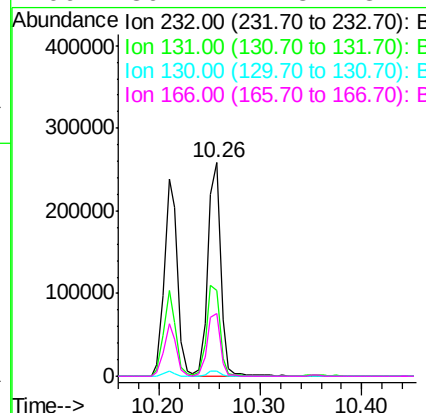
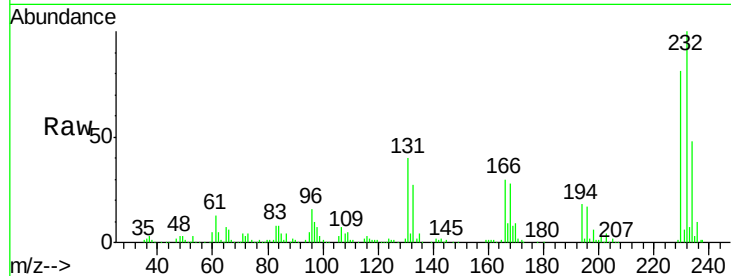
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.648 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	227451		
131	44.5	35.4	53.0	
130	2.3	1.7	2.5	
166	30.4	24.8	37.2	

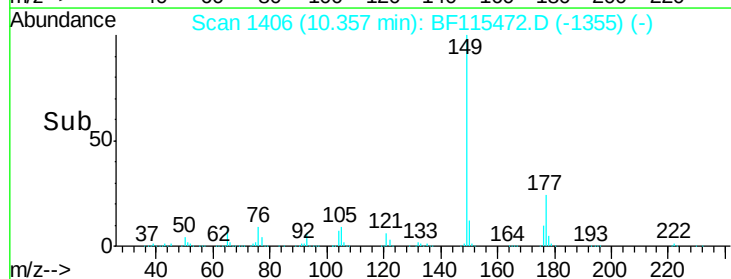
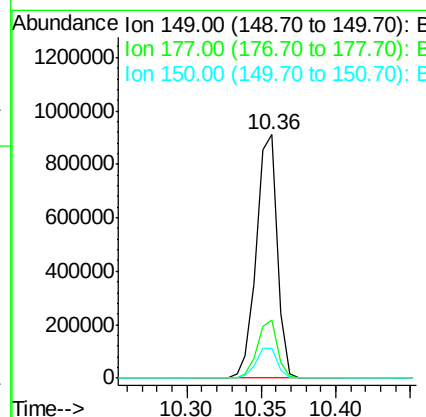
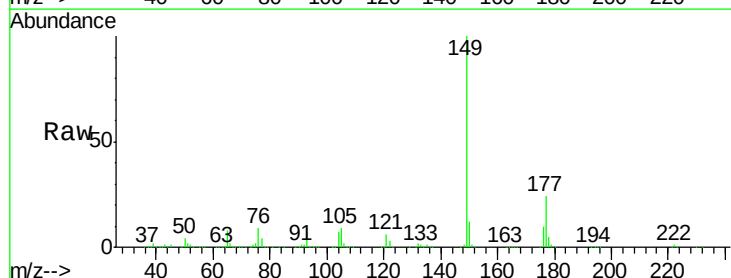
Manual Integrations
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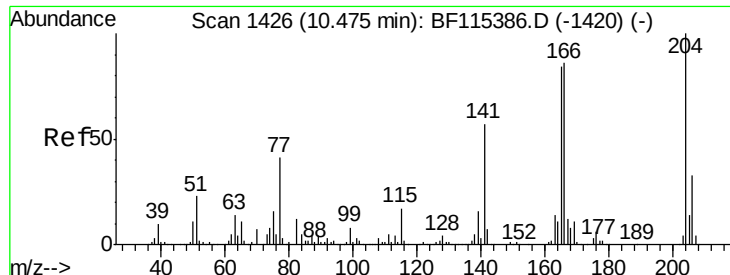
mohammad
 7/11/2019 5:22:22 PM



#60
 Diethylphthalate
 Concen: 42.673 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	875671		
177	23.9	19.0	28.4	
150	12.3	10.4	15.6	





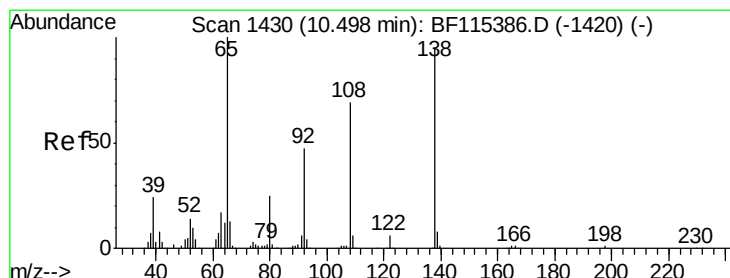
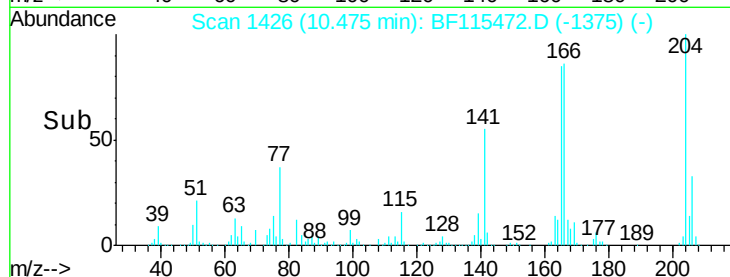
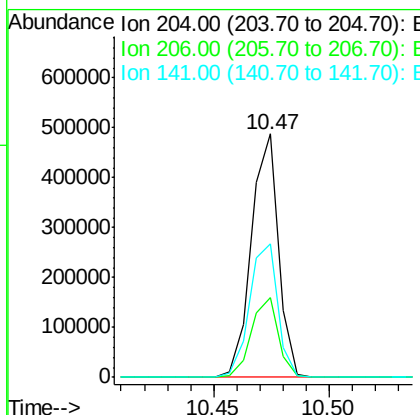
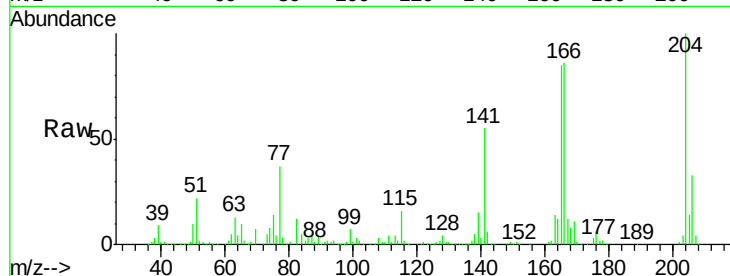
#61
 4-Chlorophenyl-phenylether
 Concen: 43.001 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	400781		
206	32.8	26.8	40.2	
141	54.7	47.9	71.9	

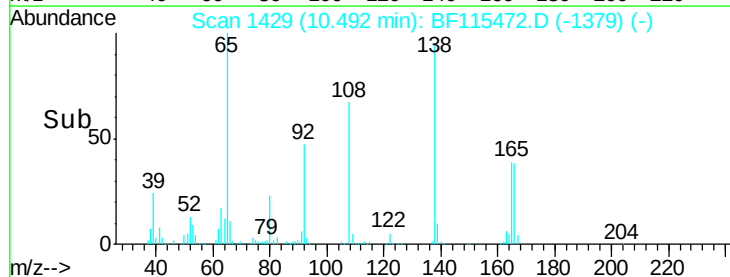
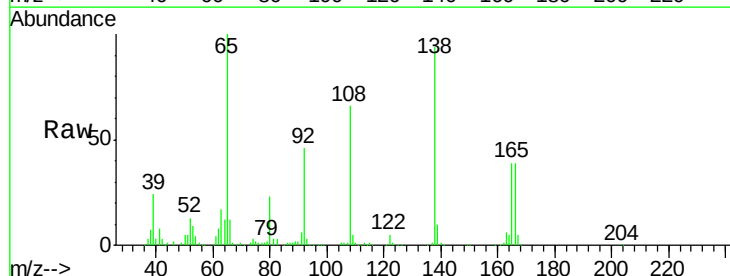
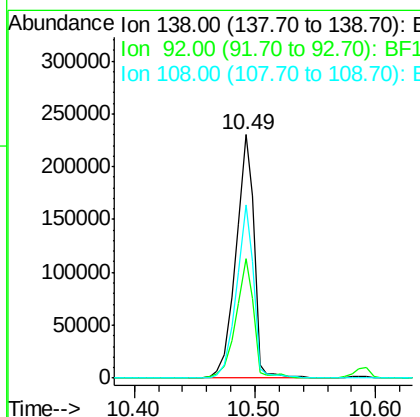
Manual Integrations
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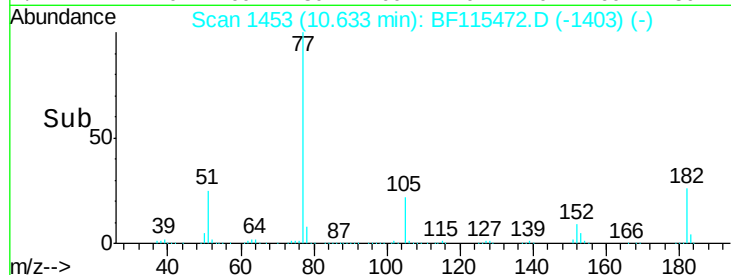
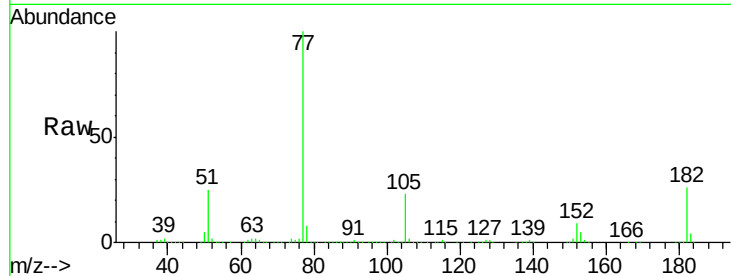
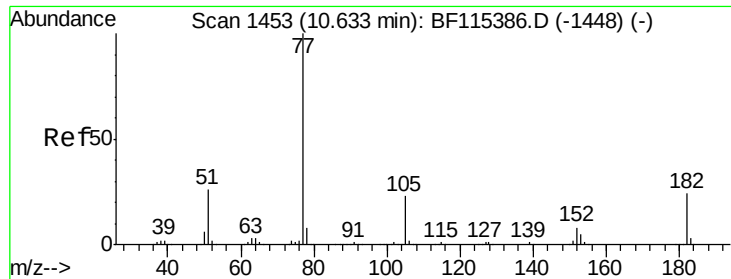
mohammad
 7/11/2019 5:22:22 PM



#62
 4-Nitroaniline
 Concen: 47.026 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	242404		
92	49.3	29.9	69.9	
108	70.9	49.0	89.0	





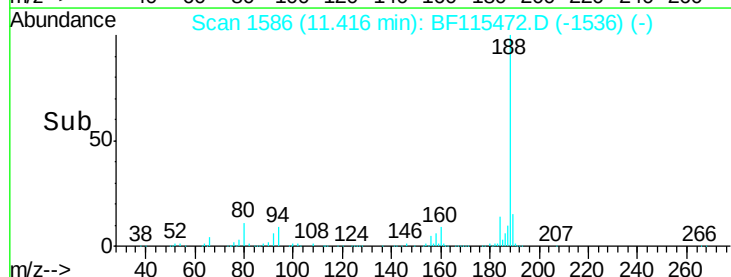
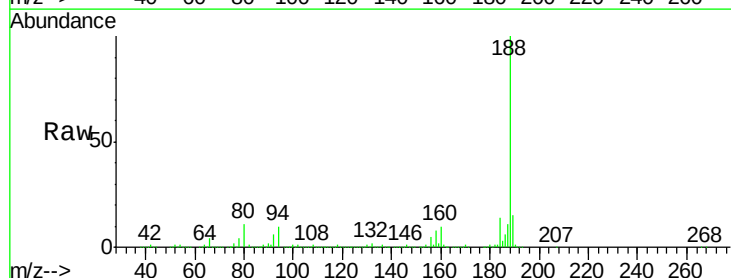
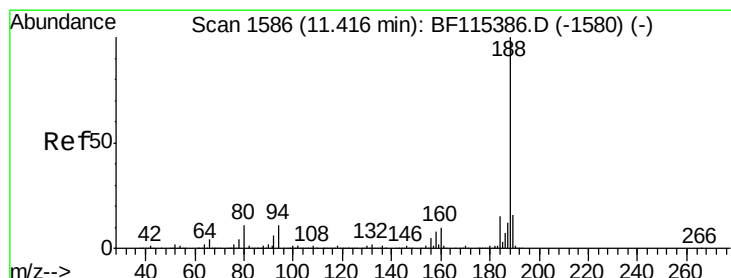
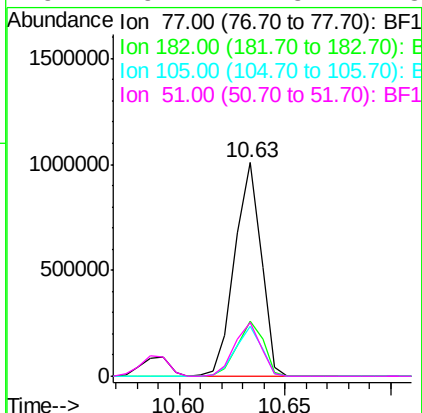
#63
Azobenzene
Concen: 41.181 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.7	47.7
105	23.1	3.6	43.6
51	25.4	4.8	44.8

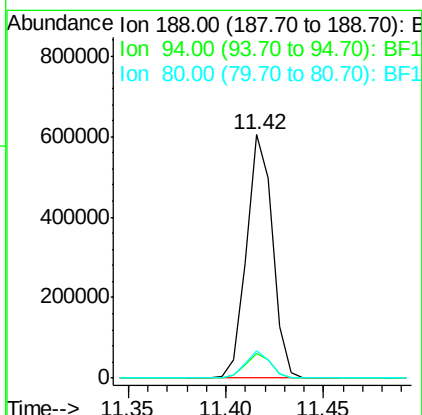
Manual Integrations
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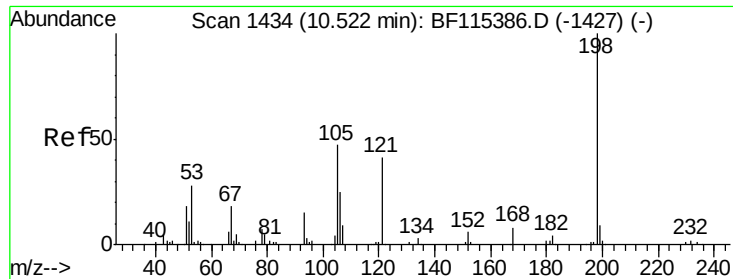
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.8
80	11.2	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 36.712 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

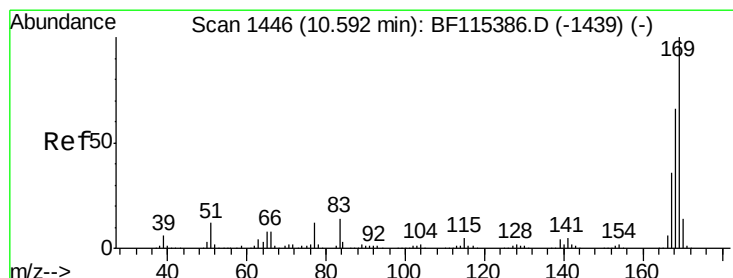
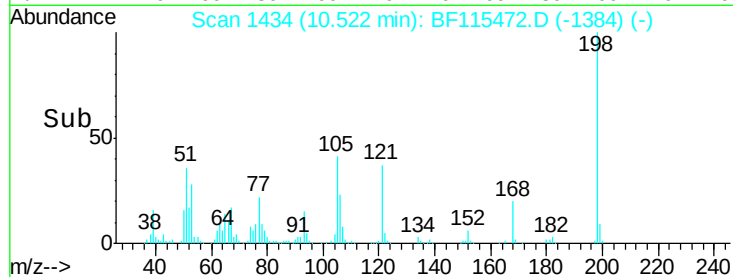
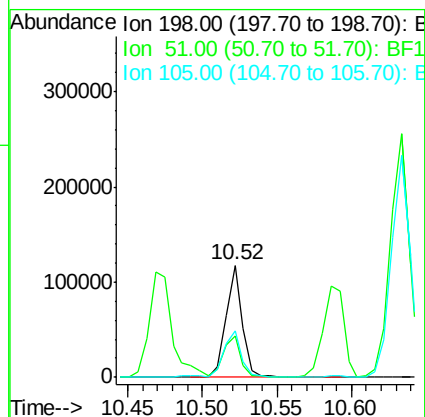
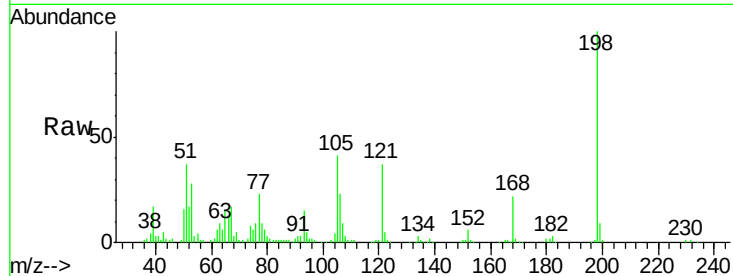
ClientSampleId :

COMP-1_070919MS

Tgt Ion:	198	Resp:	92441
Ion Ratio	Lower	Upper	
198	100		
51	36.6	20.7	60.7
105	41.4	25.3	65.3

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 42.610 ng

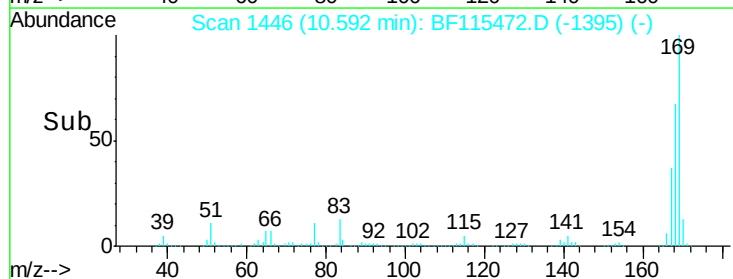
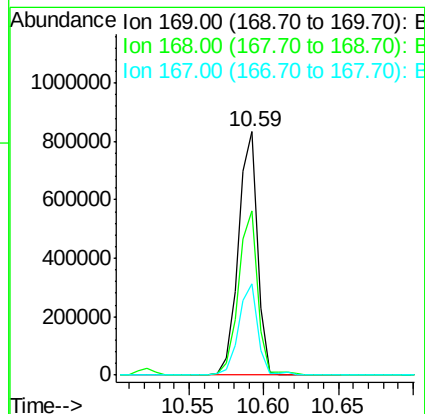
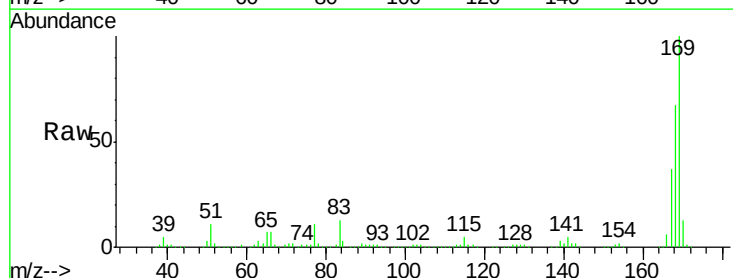
RT: 10.59 min Scan# 1446

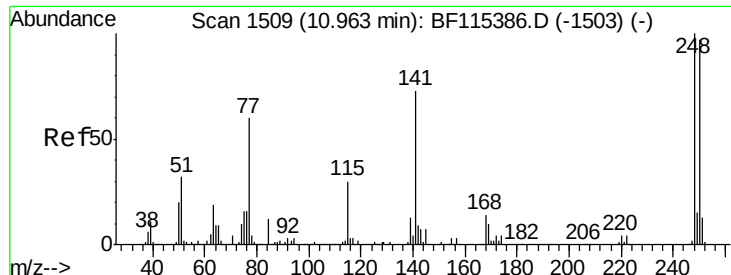
Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt Ion:	169	Resp:	750966
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.2	79.8
167	37.3	29.4	44.2





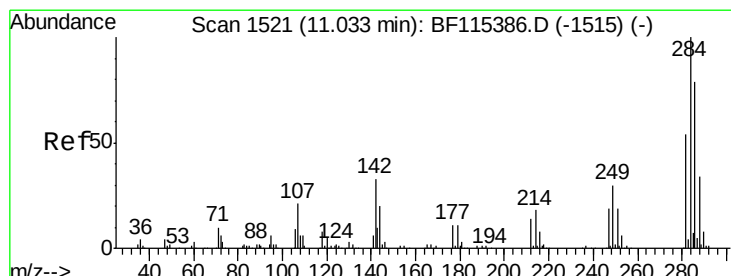
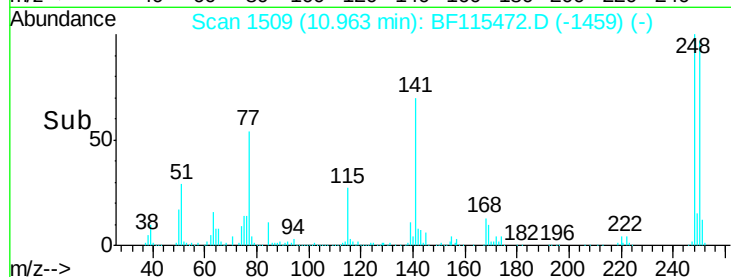
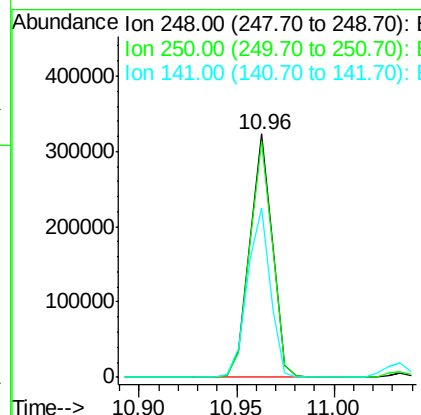
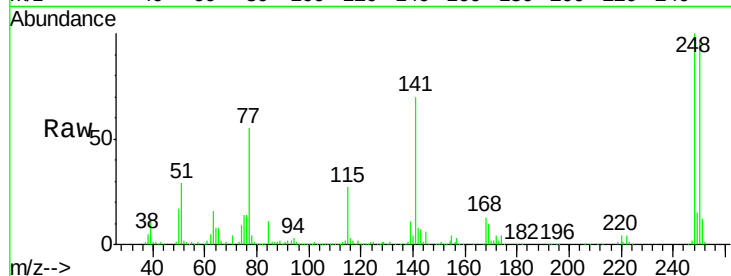
#67
 4-Bromophenyl-phenylether
 Concen: 41.369 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259645		
250	96.8	78.3	117.5	
141	69.8	52.2	78.2	

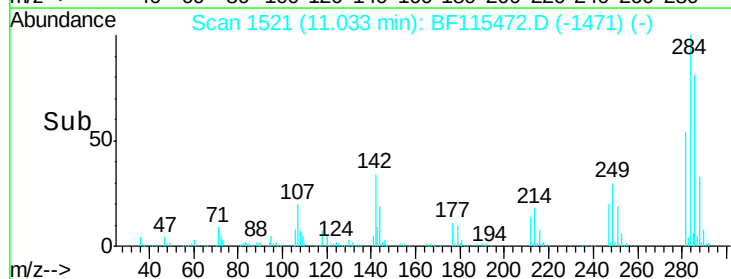
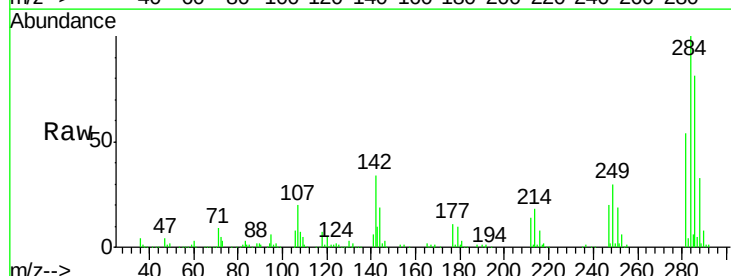
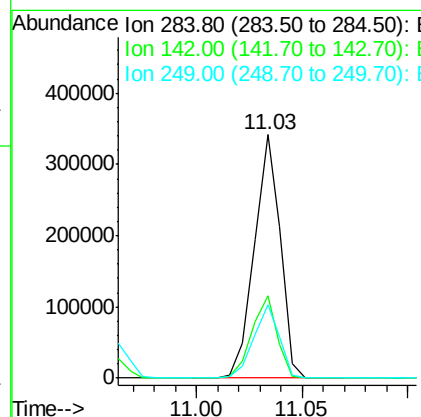
Manual Integrations
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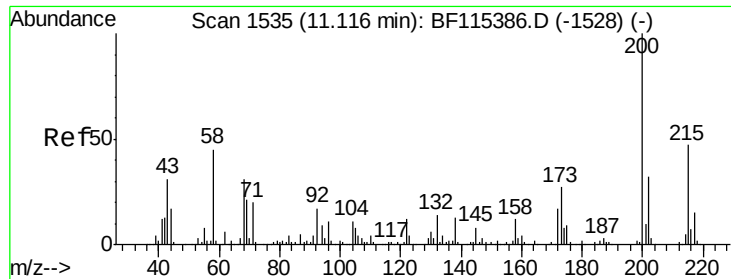
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.201 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	290171		
142	34.0	23.9	35.9	
249	30.0	23.6	35.4	





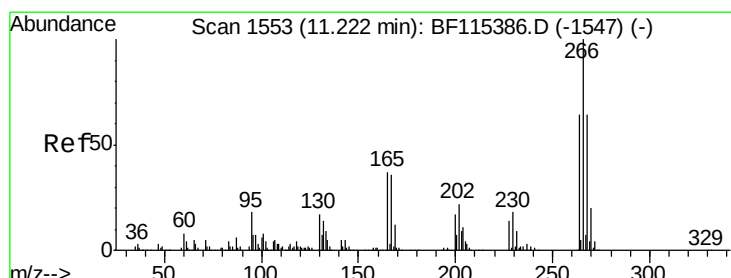
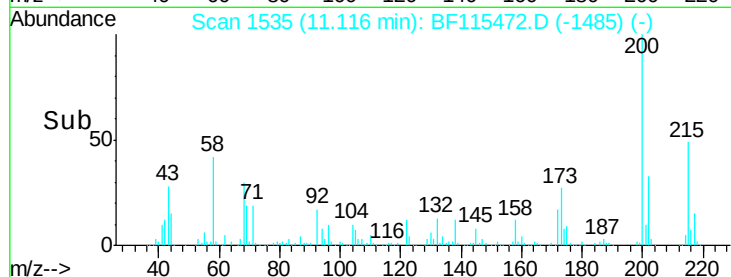
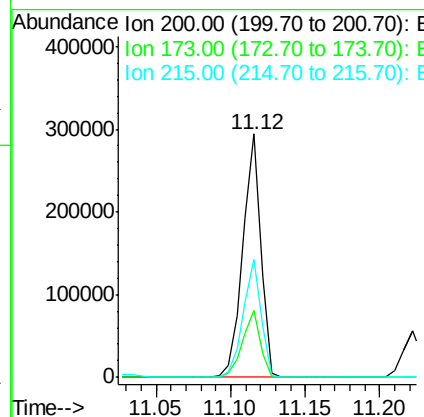
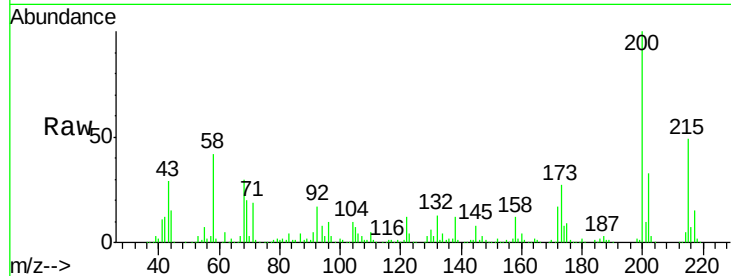
#69
 Atrazine
 Concen: 45.894 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	7.0	47.0
215	48.6	27.8	67.8

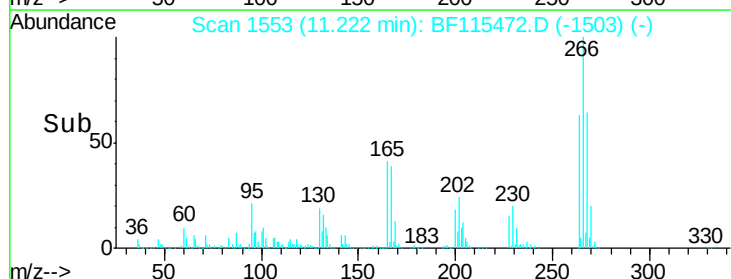
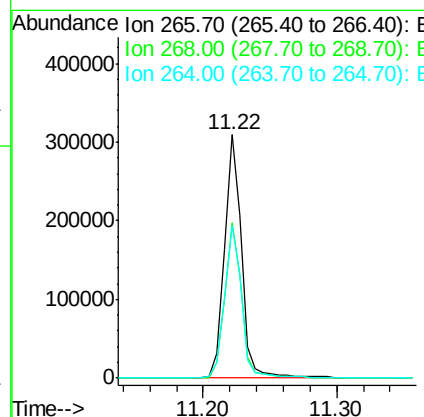
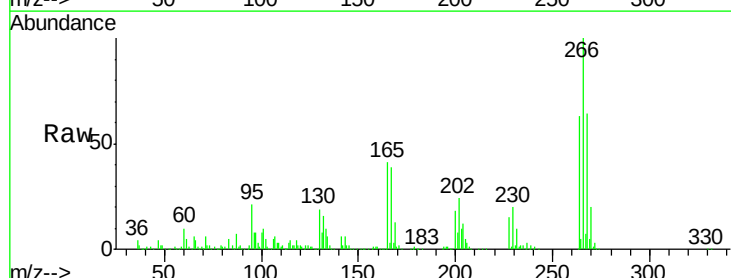
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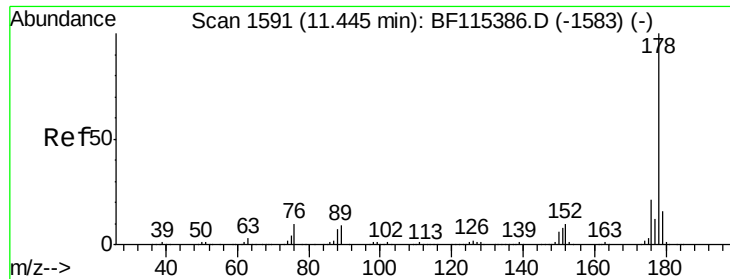
mohammad
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#70
 Pentachlorophenol
 Concen: 65.486 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.2	76.8
264	62.6	50.6	75.8





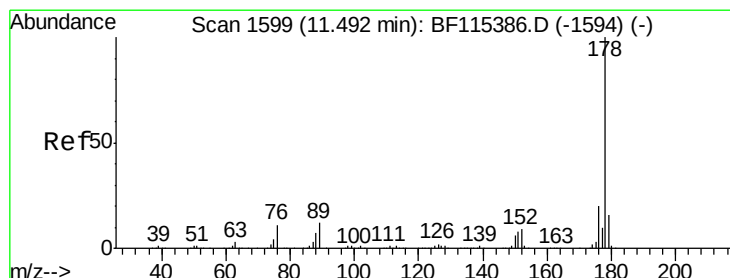
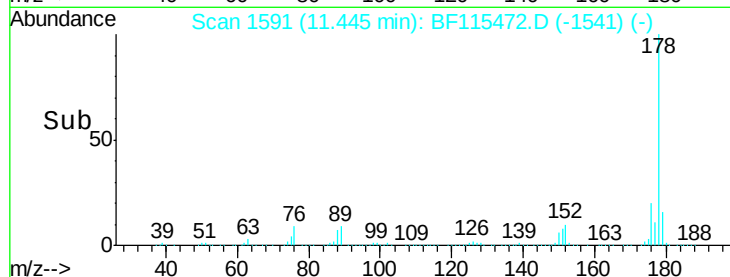
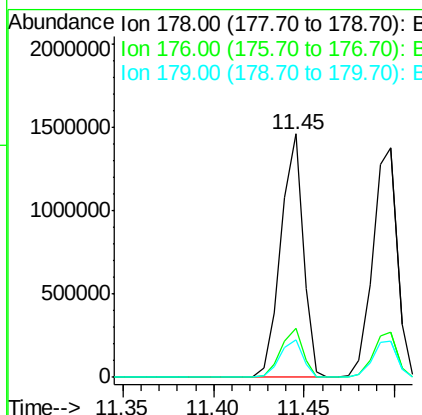
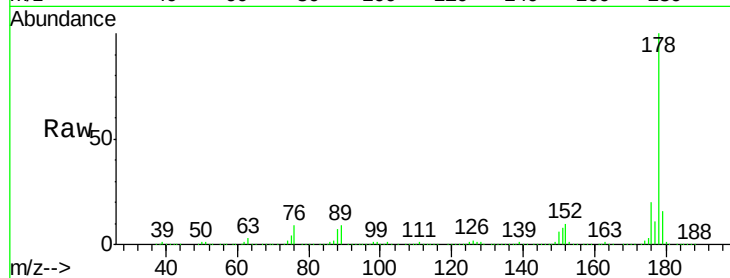
#71
Phenanthrene
Concen: 42.725 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	24.8
179	15.6	12.7	19.1

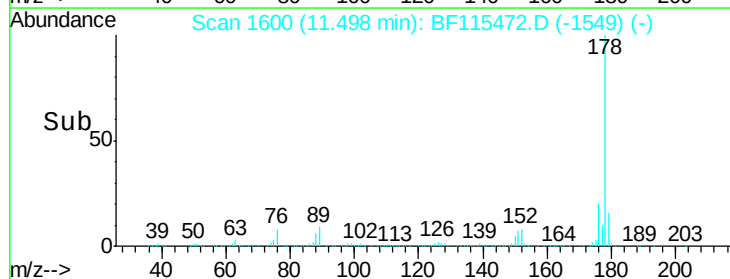
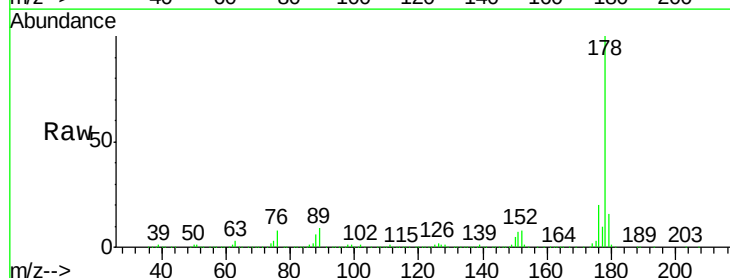
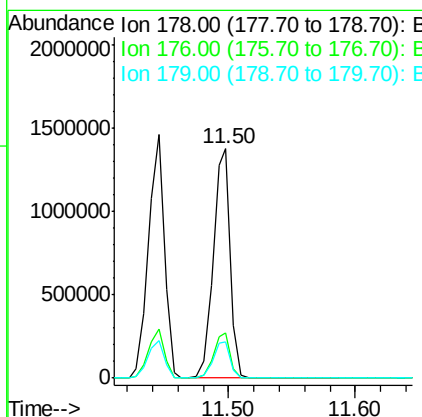
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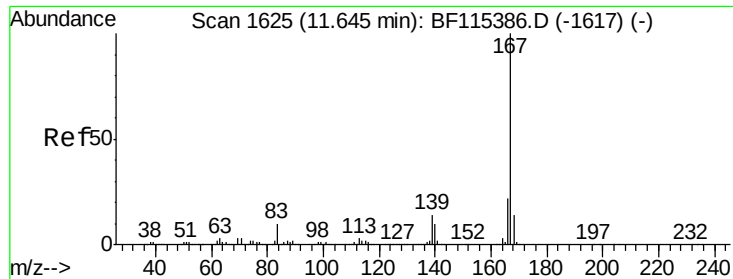
mohammad
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#72
Anthracene
Concen: 44.008 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.9	13.0	19.6





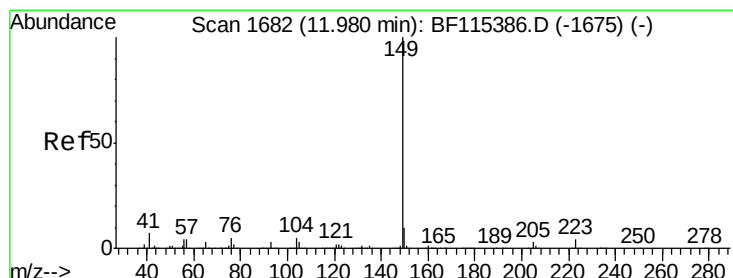
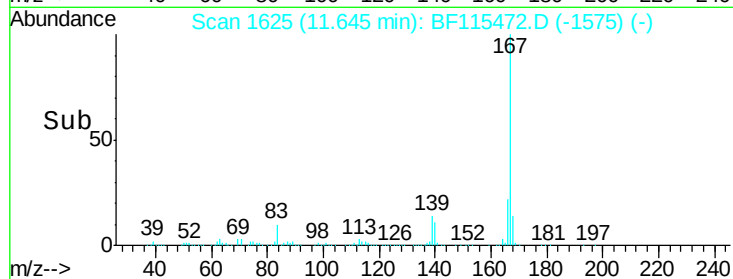
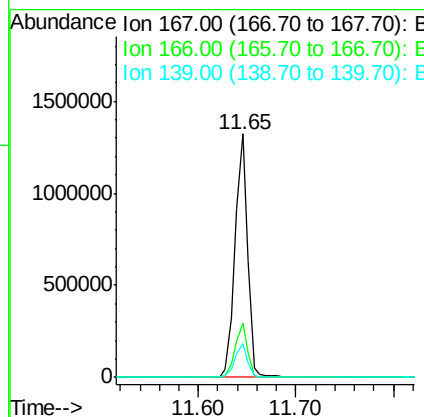
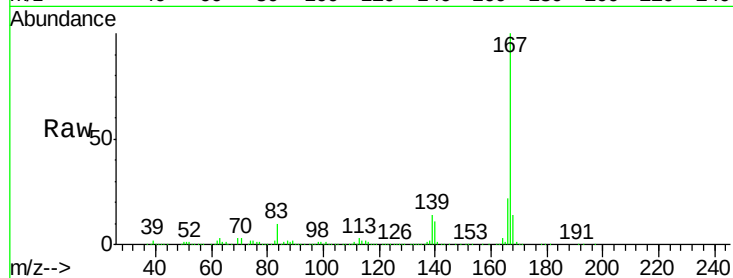
#73
 Carbazole
 Concen: 44.042 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion:167 Resp: 1188573
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.6 10.9 16.3

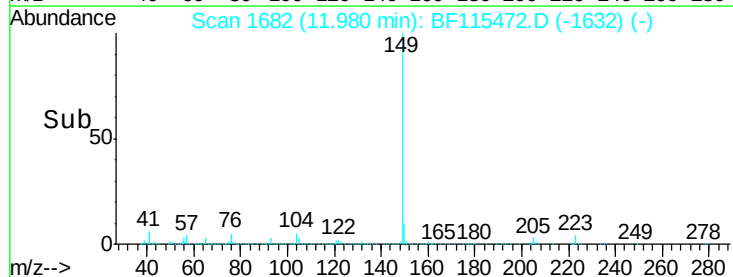
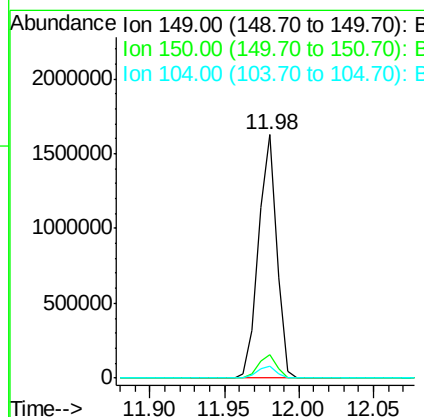
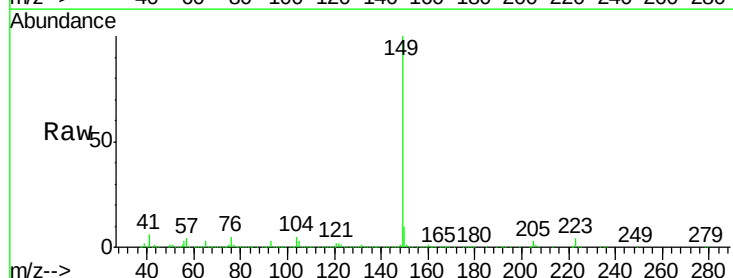
Manual Integrations
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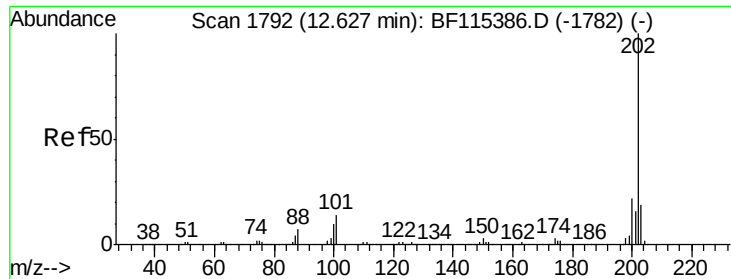
mohammad
 7/11/2019 5:22:22 PM



#74
 Di-n-butylphthalate
 Concen: 41.489 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion:149 Resp: 1353178
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 43.080 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

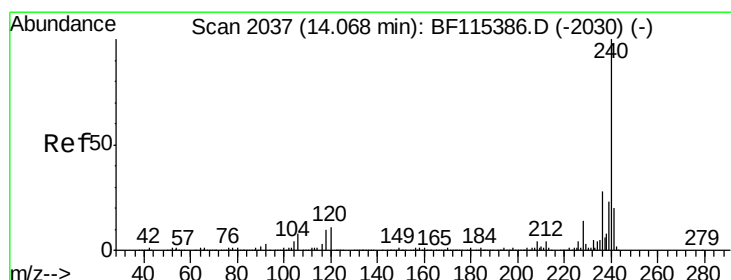
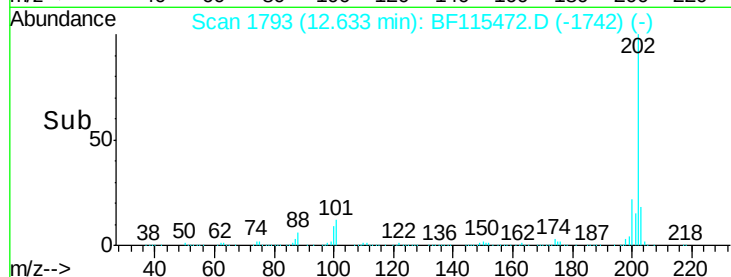
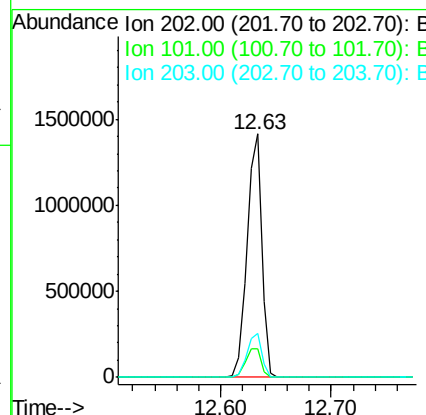
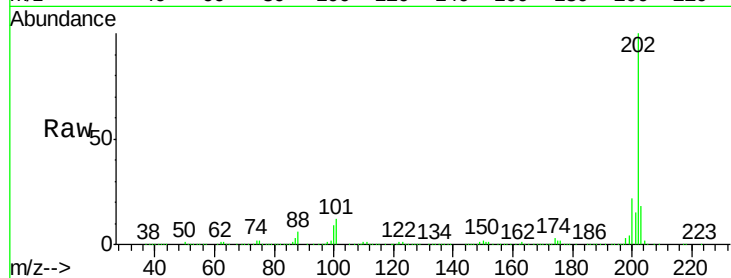
ClientSampleId :

COMP-1_070919MS

Tgt	Ion	202	Resp:	1334351
Ion	Ratio	Lower	Upper	
202	100			
101	11.6	0.0	33.9	
203	18.1	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

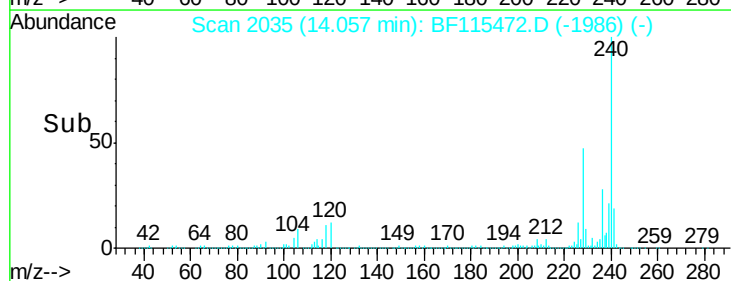
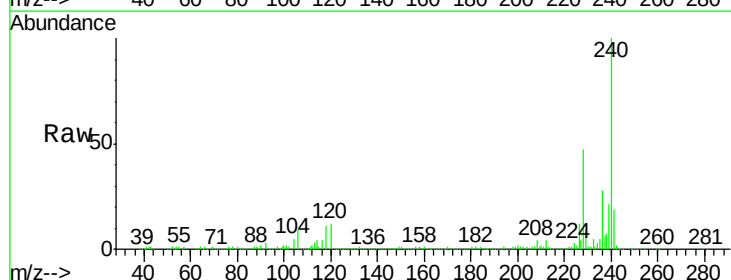
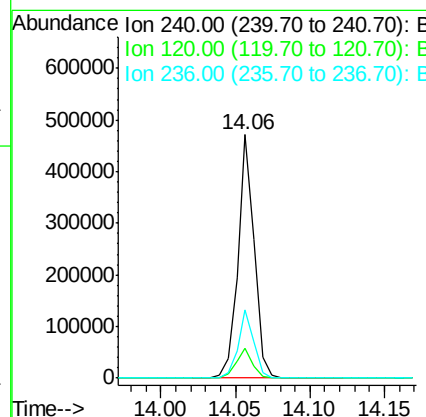
RT: 14.06 min Scan# 2035

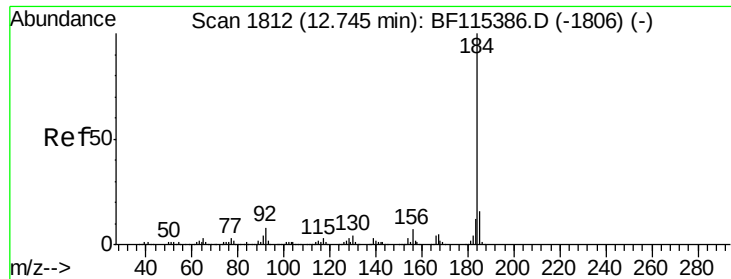
Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt	Ion	240	Resp:	363186
Ion	Ratio	Lower	Upper	
240	100			
120	12.3	10.2	15.4	
236	28.0	21.1	31.7	





#77

Benzidine

Concen: 40.162 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

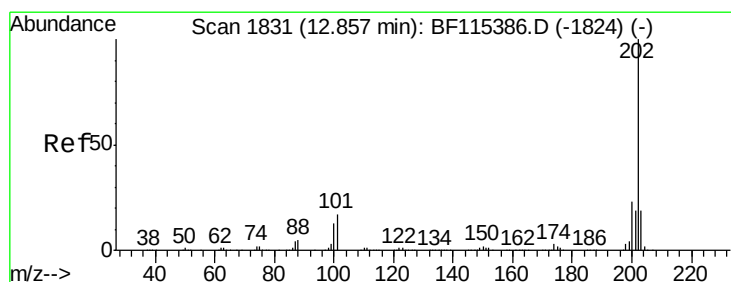
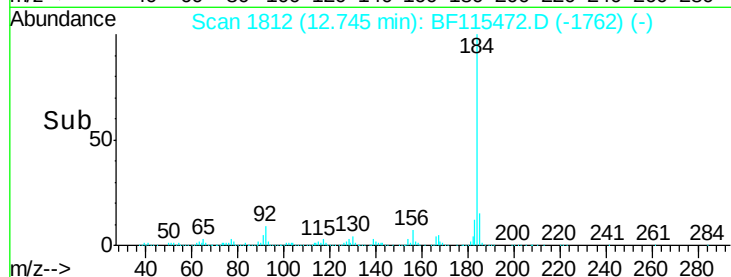
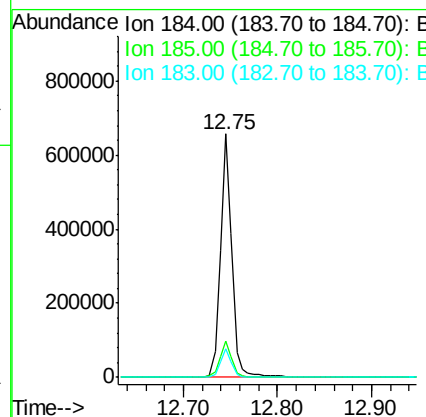
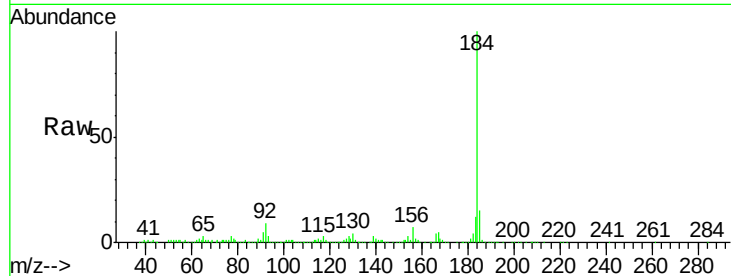
ClientSampleId :

COMP-1_070919MS

Tgt Ion:	184	Resp:	568803
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.0	19.6
183	11.9	9.7	14.5

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#78

Pyrene

Concen: 47.928 ng

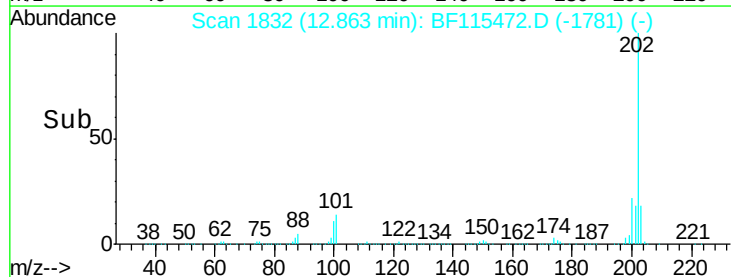
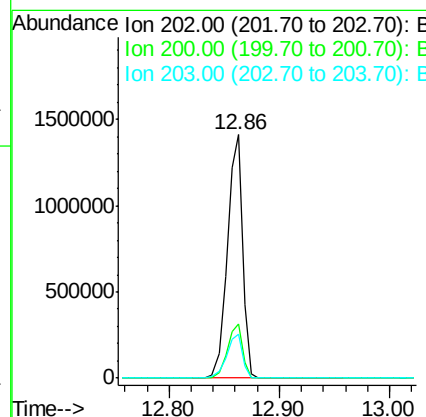
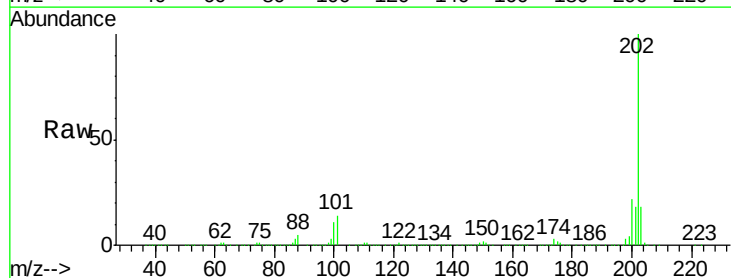
RT: 12.86 min Scan# 1832

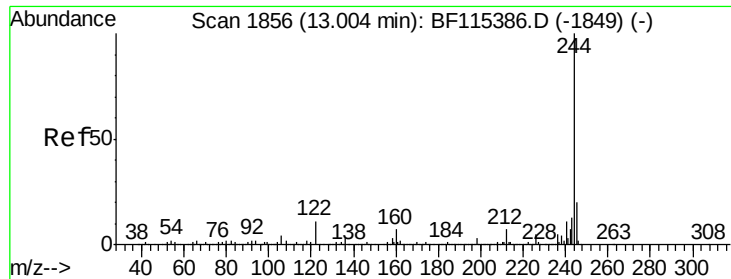
Delta R.T. 0.00 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt Ion:	202	Resp:	1353644
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.6	26.4
203	18.3	14.7	22.1





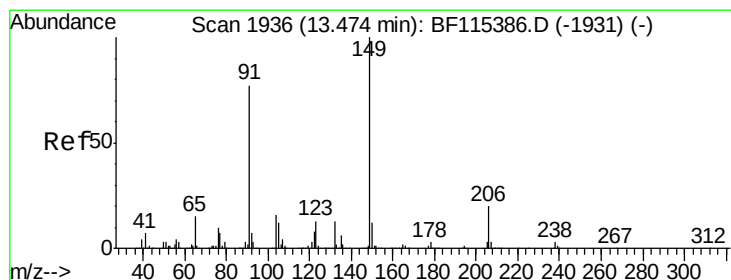
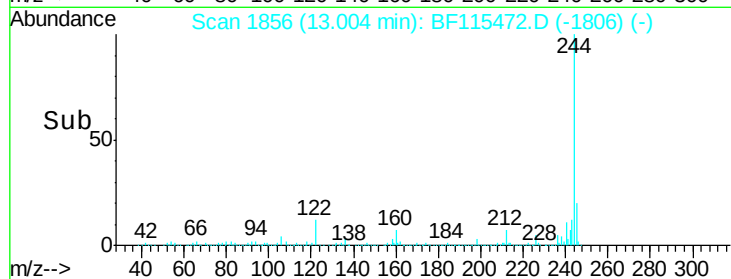
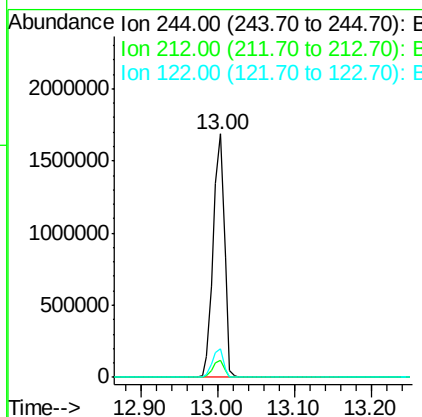
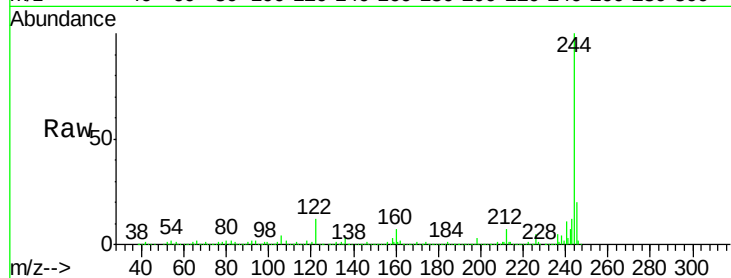
#79
 Terphenyl-d14
 Concen: 94.176 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion:244 Resp: 1670484
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.6 9.1 13.7

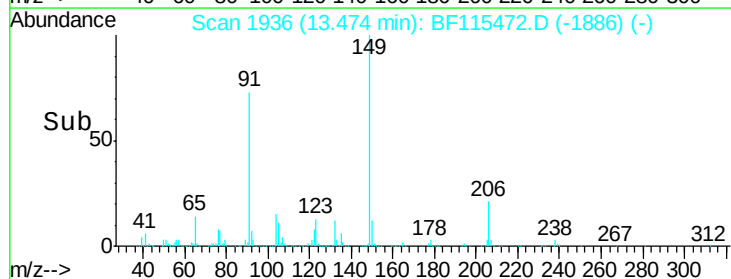
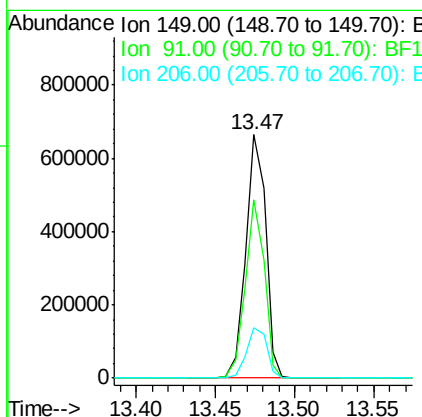
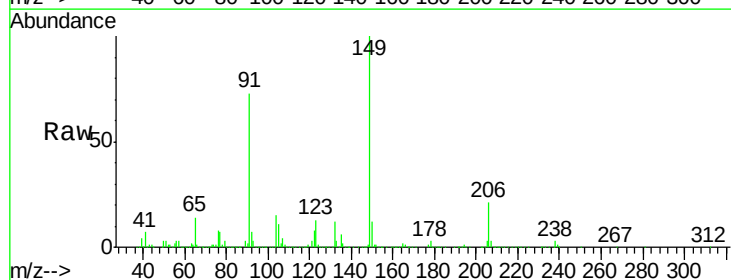
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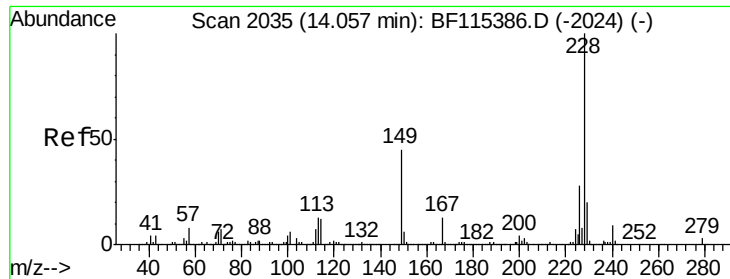
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#80
 Butylbenzylphthalate
 Concen: 46.481 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion:149 Resp: 573576
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.8 86.6
 206 20.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.943 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MS

Tgt Ion:228 Resp: 1022576

Ion Ratio Lower Upper

228 100

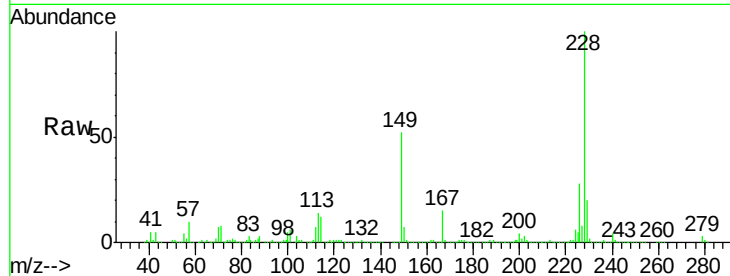
226 27.5 22.6 34.0

229 20.1 16.4 24.6

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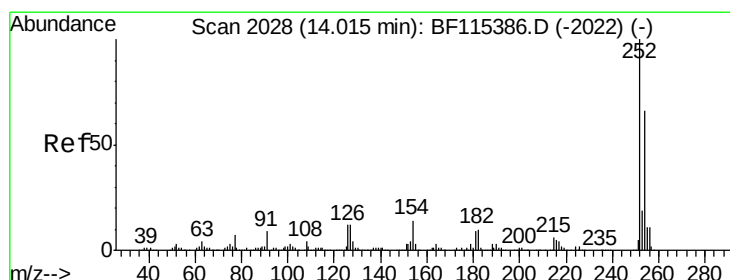
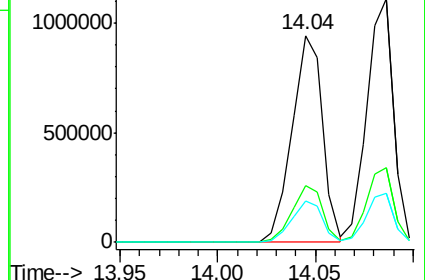
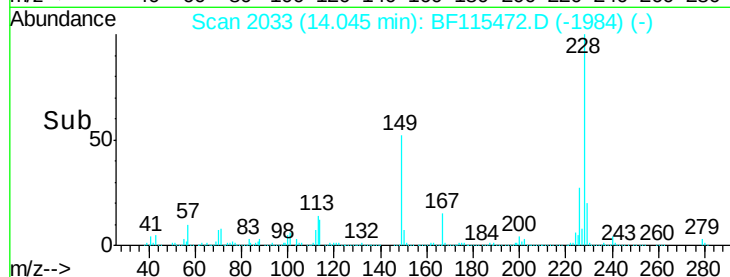
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.750 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

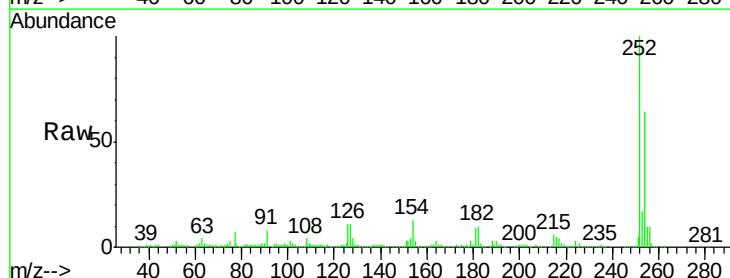
Tgt Ion:252 Resp: 208988

Ion Ratio Lower Upper

252 100

254 63.7 52.9 79.3

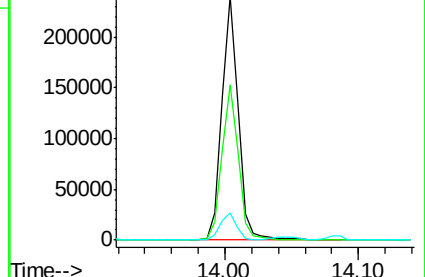
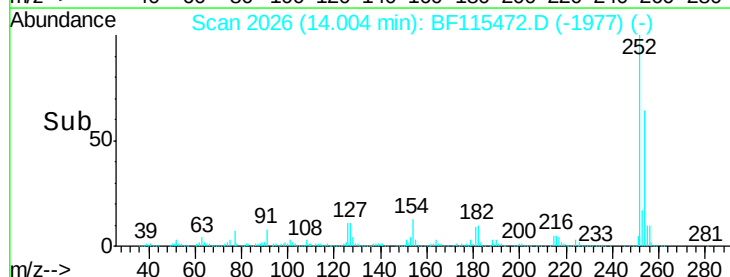
126 11.0 10.0 15.0

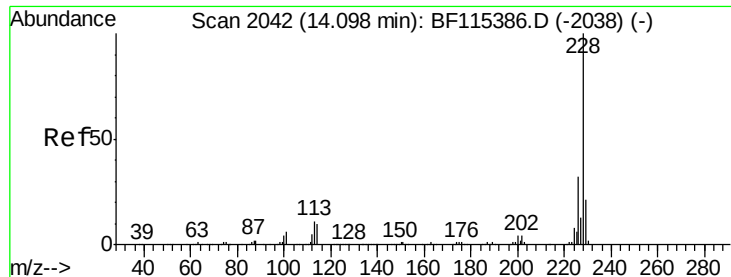


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





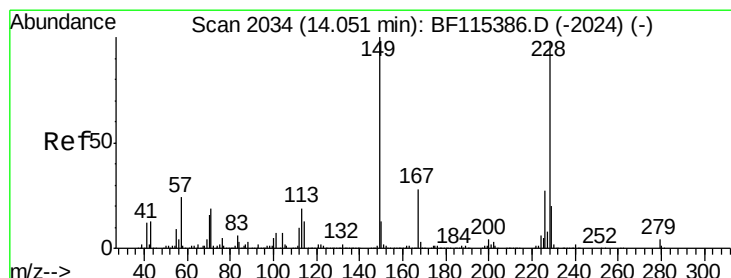
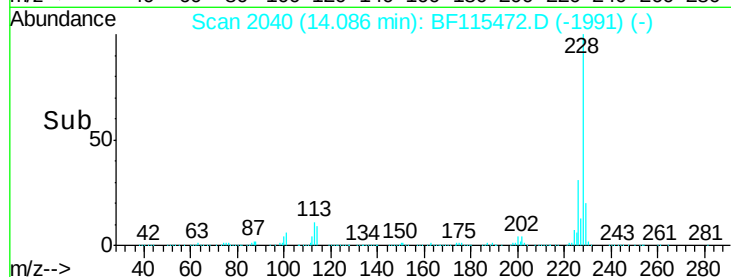
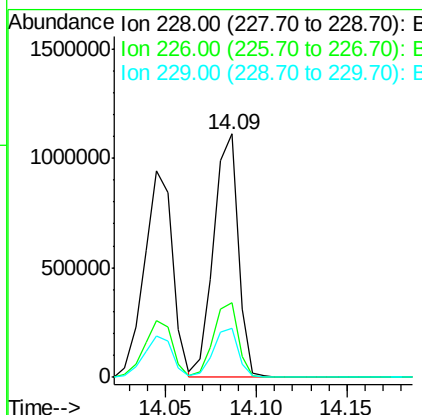
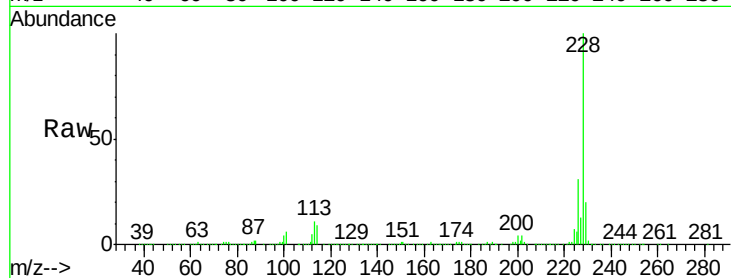
#83
 Chrysene
 Concen: 43.913 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MS

Tgt Ion: 228 Resp: 1049953
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.1 37.7
 229 20.3 16.1 24.1

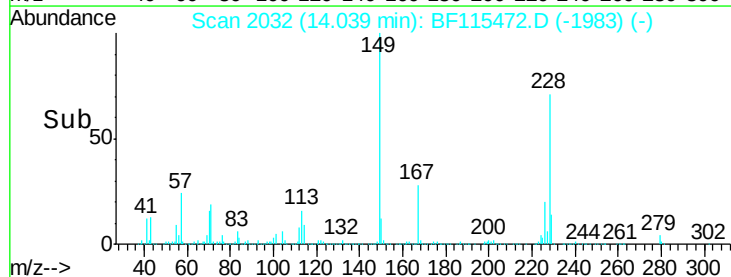
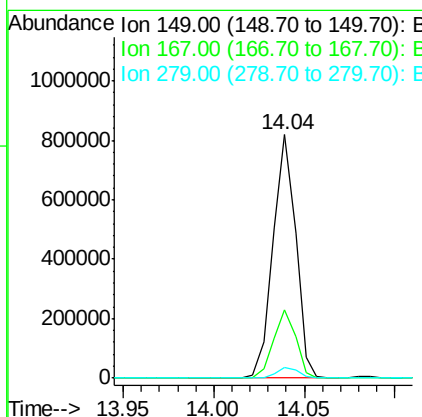
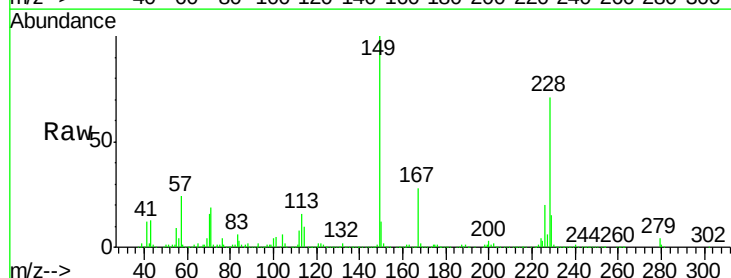
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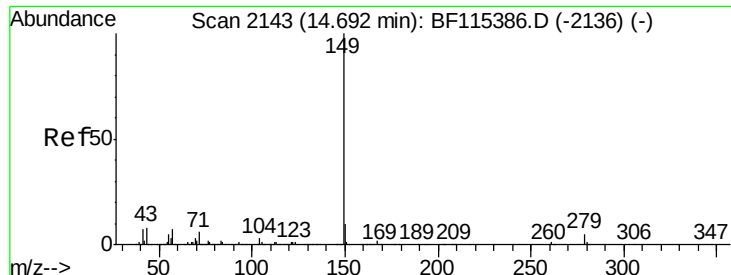
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.632 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115472.D
 Acq: 10 Jul 2019 23:02

Tgt Ion: 149 Resp: 712625
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 34.0
 279 4.2 3.8 5.6





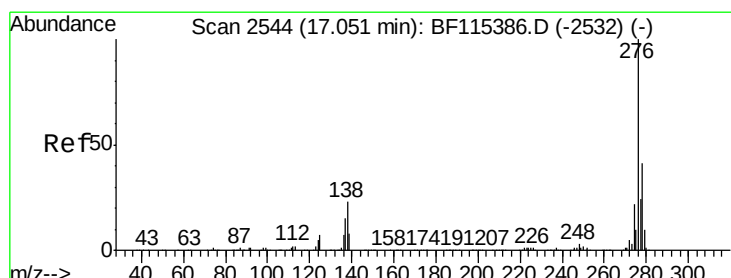
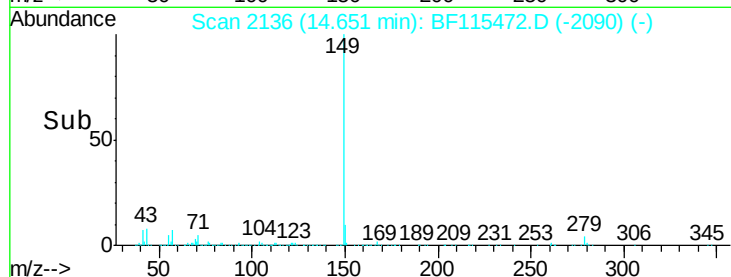
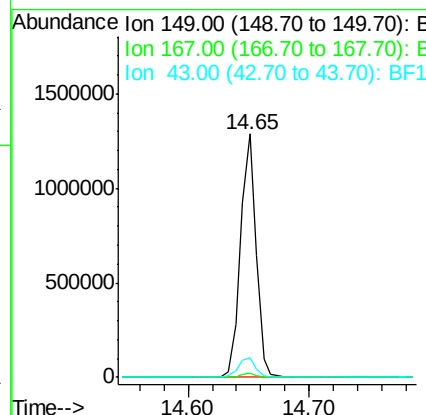
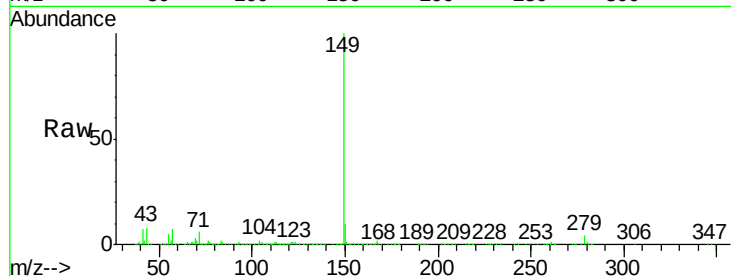
#85
Di-n-octyl phthalate
Concen: 42.762 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.0	10.6

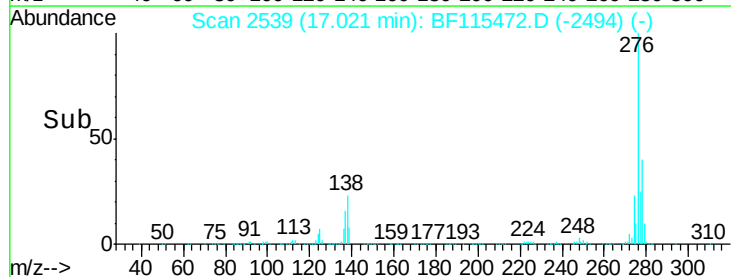
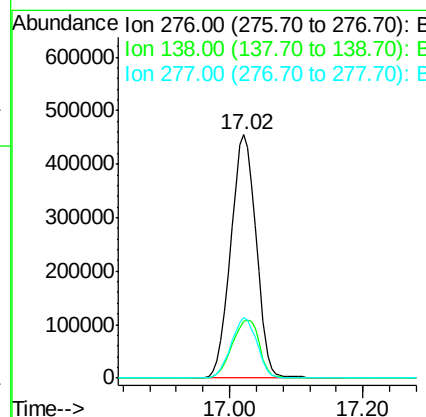
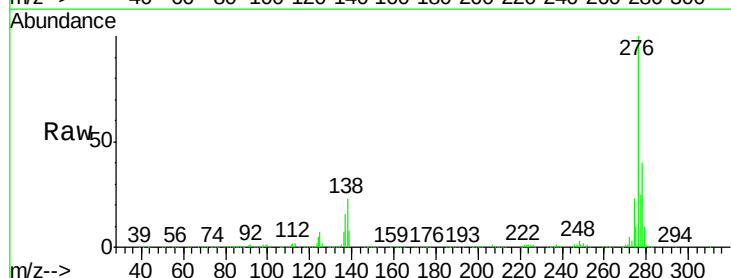
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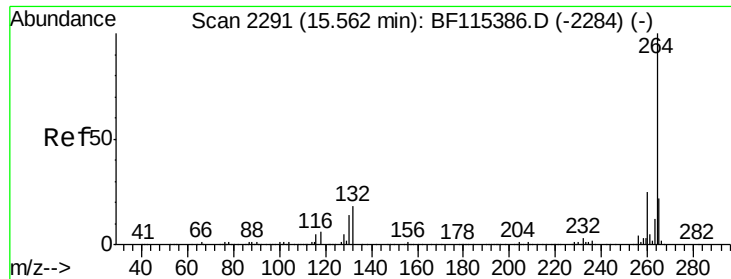
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 65.039 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	31.0
277	25.2	20.2	30.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.04 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Instrument :

BNA_F

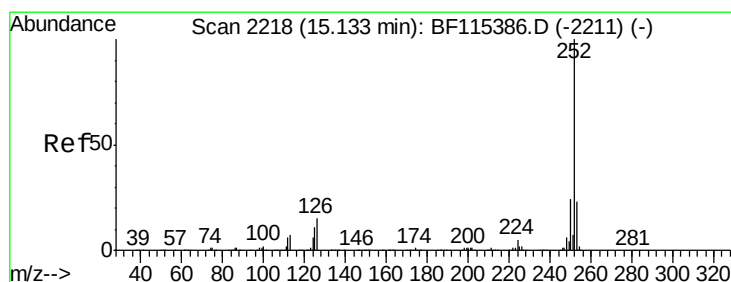
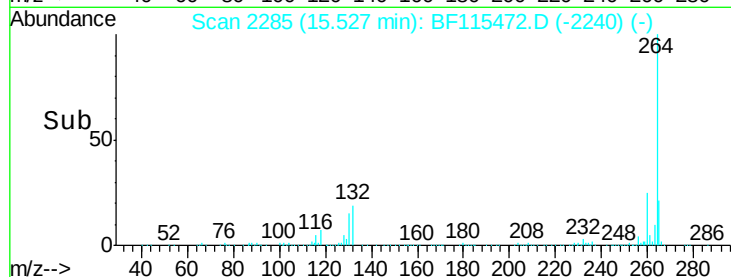
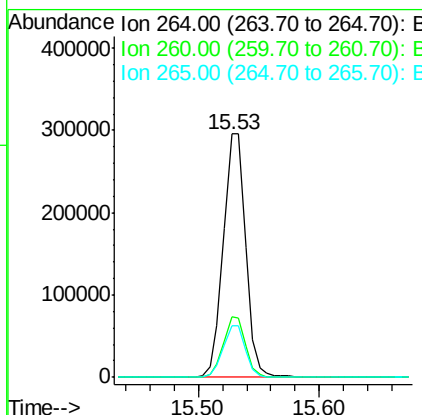
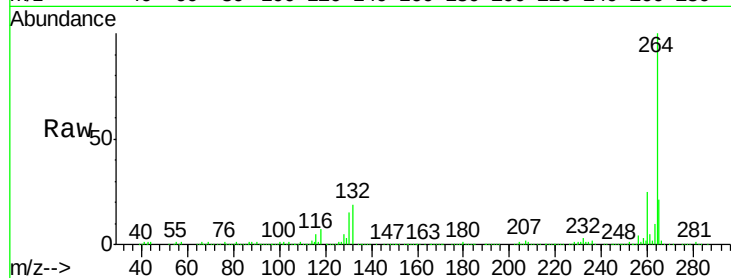
ClientSampleId :

COMP-1_070919MS

Tgt	Ion	Resp	Lower	Upper
264	100			
260	25.0	20.1	30.1	
265	21.3	17.8	26.6	

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#88

Benzo(b)fluoranthene

Concen: 40.397 ng

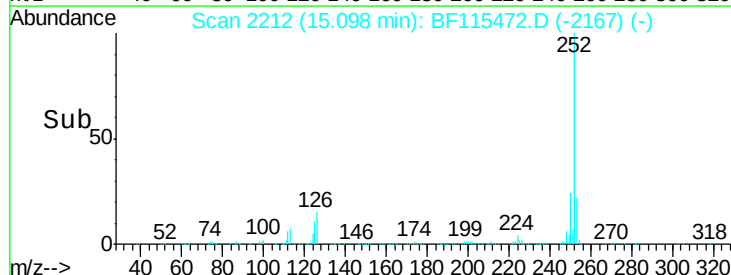
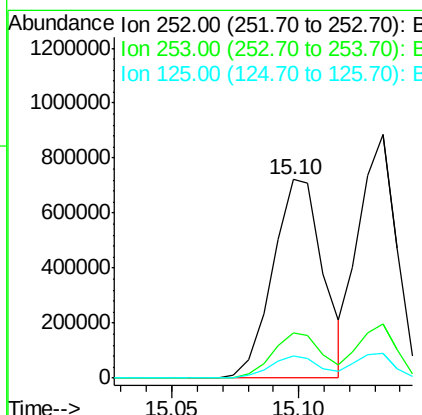
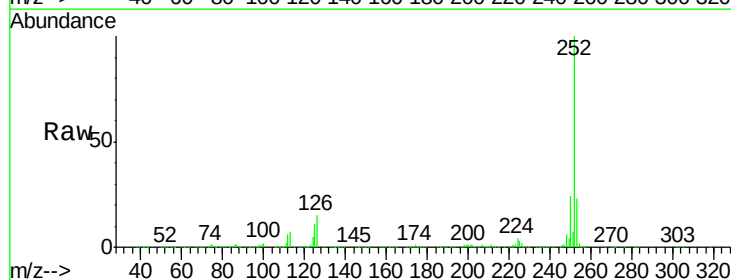
RT: 15.10 min Scan# 2212

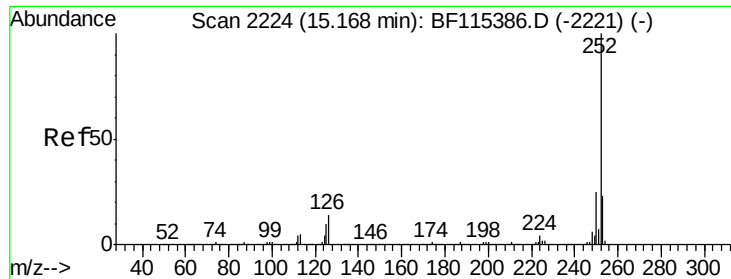
Delta R.T. -0.04 min

Lab File: BF115472.D

Acq: 10 Jul 2019 23:02

Tgt	Ion	Resp	Lower	Upper
252	100			
253	22.5	18.0	27.0	
125	11.3	8.5	12.7	





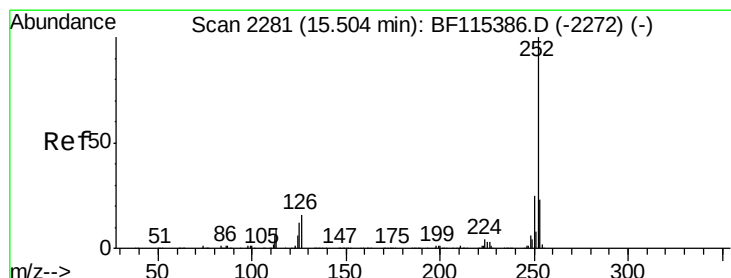
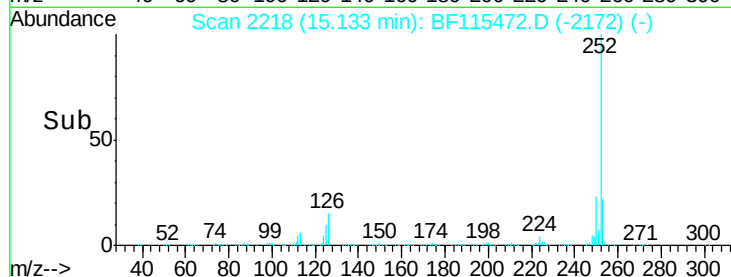
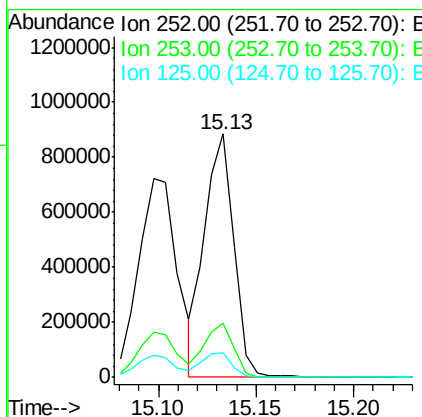
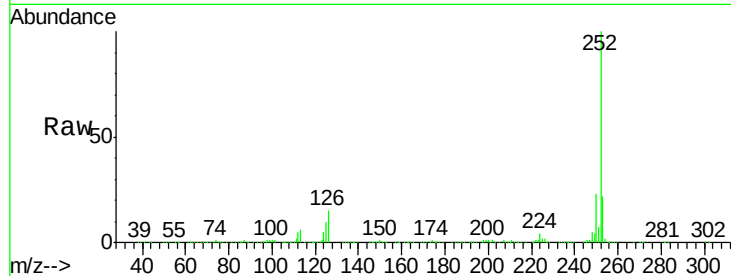
#89
Benzo(k)fluoranthene
Concen: 41.633 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		918975		
253	22.4	18.0	27.0		
125	10.4	8.6	13.0		

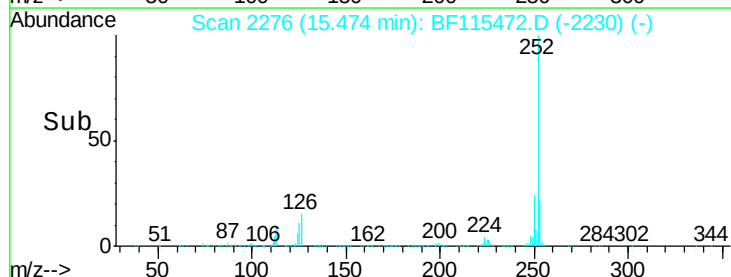
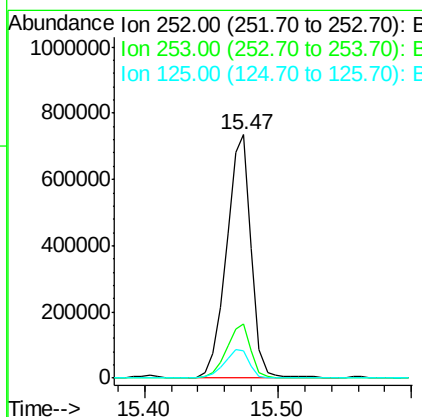
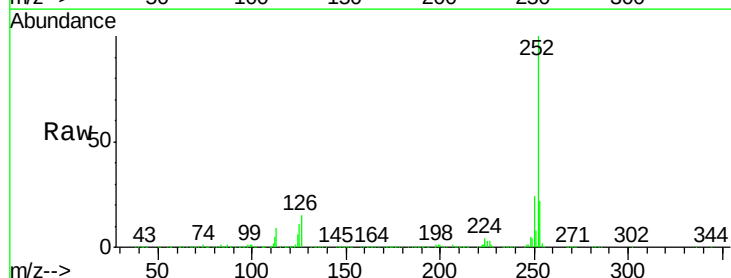
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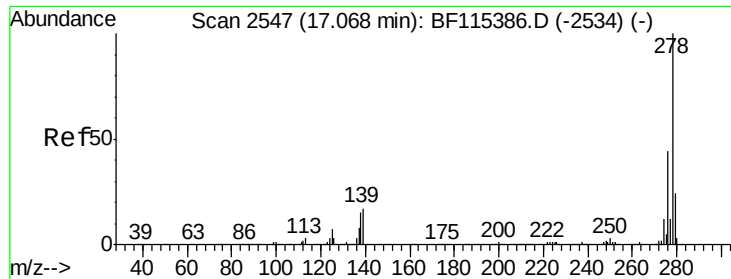
mohammad
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#90
Benzo(a)pyrene
Concen: 44.221 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		946644		
253	22.0	17.7	26.5		
125	11.2	9.7	14.5		





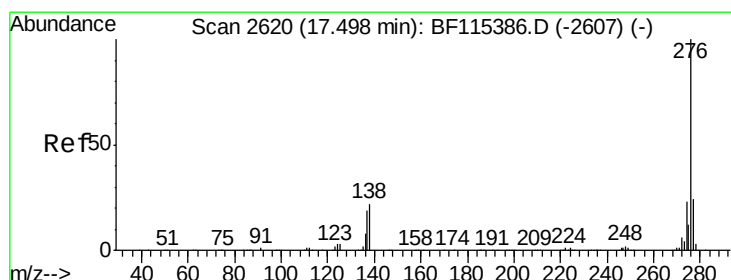
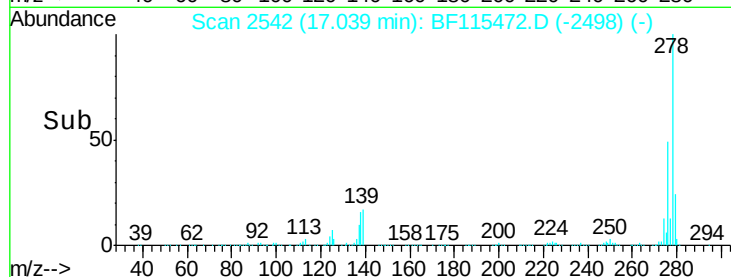
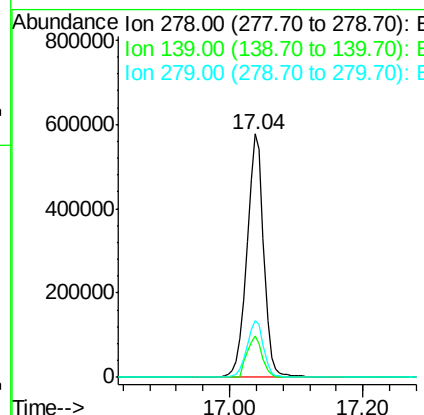
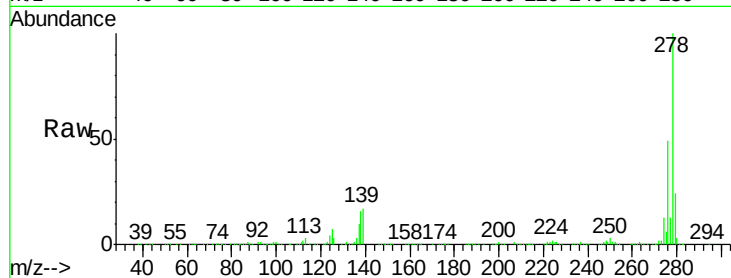
#91
Dibenzo(a,h)anthracene
Concen: 54.799 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.6
279	23.5	19.4	29.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 60.647 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF115472.D
Acq: 10 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.4	17.8	26.8

