

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115473.D
 Acq On : 10 Jul 2019 23:28
 Operator : HP/JU
 Sample : K3726-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Manual Integrations
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 7/11/2019 5:22:25 PM

Quant Time: Jul 11 08:22:20 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	138169	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	543007	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	269140	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	535039	20.00	ng	0.00
76) Chrysene-d12	14.06	240	339820	20.00	ng	-0.01
87) Perylene-d12	15.53	264	375548	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1016429	113.66	ng	0.00
7) Phenol-d6	6.52	99	1346240	118.37	ng	0.00
23) Nitrobenzene-d5	7.46	82	834416	90.79	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	380011	127.70	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1368303	89.21	ng	0.00
79) Terphenyl-d14	13.00	244	1525020	91.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	130132	29.667	ng	99
3) Pyridine	3.47	79	340805	28.098	ng	100
4) n-Nitrosodimethylamine	3.40	42	144820	29.444	ng	99
6) Aniline	6.55	93	295112	18.387	ng	98
8) 2-Chlorophenol	6.68	128	359189	35.571	ng	97
9) Benzaldehyde	6.44	77	195752	27.893	ng	98
10) Phenol	6.53	94	478399	35.156	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	343313	34.008	ng	98
12) 1,3-Dichlorobenzene	6.84	146	378461	34.210	ng	97
13) 1,4-Dichlorobenzene	6.91	146	383949	34.648	ng	99
14) 1,2-Dichlorobenzene	7.07	146	364498	35.527	ng	96
15) Benzyl Alcohol	7.03	79	324964	35.606	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	448325	31.762	ng	99
17) 2-Methylphenol	7.14	107	306904	35.477	ng	99
18) Hexachloroethane	7.41	117	138955	33.661	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	249743	32.457	ng	96
20) 3+4-Methylphenols	7.29	107	377284	36.921	ng	97
22) Acetophenone	7.30	105	494849	38.032	ng	# 99
24) Nitrobenzene	7.47	77	389101	37.488	ng	99
25) Isophorone	7.71	82	705560	35.418	ng	98
26) 2-Nitrophenol	7.79	139	192833	45.190	ng	96
27) 2,4-Dimethylphenol	7.82	122	316618	38.912	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	432453	35.205	ng	98
29) 2,4-Dichlorophenol	8.03	162	312836	38.601	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	330610	36.644	ng	99
31) Naphthalene	8.20	128	1025604	38.026	ng	100
32) Benzoic acid	7.87	122	4676m	6.732	ng	
33) 4-Chloroaniline	8.24	127	140026	11.636	ng	99
34) Hexachlorobutadiene	8.32	225	182707	35.709	ng	98
35) Caprolactam	8.59	113	101123m	38.311	ng	
36) 4-Chloro-3-methylphenol	8.72	107	329979	38.493	ng	97
37) 2-Methylnaphthalene	8.89	142	678042	37.611	ng	99
38) 1-Methylnaphthalene	8.99	142	647717	37.656	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	304087	39.274	ng	99

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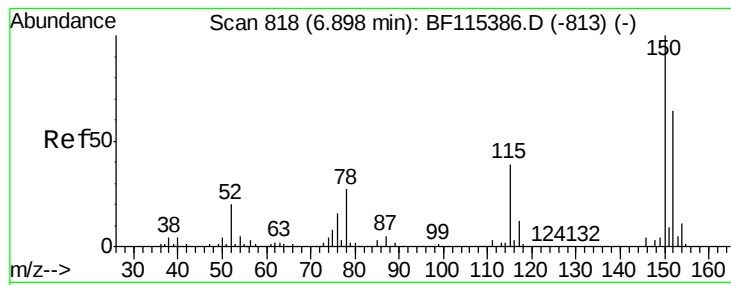
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	303263	67.577	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	220195	39.063	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	235495	40.289	ng	97
46) 1,1'-Biphenyl	9.36	154	840092	39.705	ng	97
47) 2-Chloronaphthalene	9.38	162	668873	38.250	ng	98
48) 2-Nitroaniline	9.47	65	208806	40.642	ng	98
49) Acenaphthylene	9.79	152	1021713	38.590	ng	99
50) Dimethylphthalate	9.65	163	1090768	53.996	ng	100
51) 2,6-Dinitrotoluene	9.71	165	181820	41.501	ng	99
52) Acenaphthene	9.97	154	628526	37.720	ng	99
53) 3-Nitroaniline	9.87	138	131834	25.908	ng	97
54) 2,4-Dinitrophenol	9.98	184	39176	27.887	ng	# 79
55) Dibenzofuran	10.14	168	924351	39.381	ng	99
56) 4-Nitrophenol	10.03	139	297845	75.656	ng	99
57) 2,4-Dinitrotoluene	10.11	165	243751	43.779	ng	98
58) Fluorene	10.48	166	679226	36.709	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	194394	38.499	ng	99
60) Diethylphthalate	10.35	149	742175	37.326	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	345908	38.302	ng	96
62) 4-Nitroaniline	10.49	138	196296	39.301	ng	98
63) Azobenzene	10.63	77	736950	35.955	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	79131	33.676	ng	89
66) n-Nitrosodiphenylamine	10.59	169	640773	38.010	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	220634	36.751	ng	98
68) Hexachlorobenzene	11.03	284	246361	36.570	ng	99
69) Atrazine	11.12	200	215826	41.368	ng	100
70) Pentachlorophenol	11.22	266	246235	59.976	ng	99
71) Phenanthrene	11.45	178	1066206	37.891	ng	99
72) Anthracene	11.49	178	1105287	39.171	ng	99
73) Carbazole	11.65	167	1009452	39.104	ng	100
74) Di-n-butylphthalate	11.98	149	1152190	36.932	ng	100
75) Fluoranthene	12.63	202	1130580	38.159	ng	96
77) Benzidine	12.74	184	449431	33.915	ng	98
78) Pyrene	12.86	202	1131794	42.829	ng	99
80) Butylbenzylphthalate	13.47	149	475103	41.148	ng	100
81) Benzo(a)anthracene	14.04	228	832177	38.220	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	169623	21.470	ng	97
83) Chrysene	14.08	228	860097	38.446	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	591316	41.354	ng	99
85) Di-n-octyl phthalate	14.65	149	953191	37.446	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1068624	60.329	ng	100
88) Benzo(b)fluoranthene	15.10	252	859098	35.135	ng	99
89) Benzo(k)fluoranthene	15.13	252	758734	34.891	ng	99
90) Benzo(a)pyrene	15.47	252	813381	38.568	ng	100
91) Dibenzo(a,h)anthracene	17.04	278	883934	49.048	ng	98
92) Benzo(g,h,i)perylene	17.47	276	911487	53.435	ng	98

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



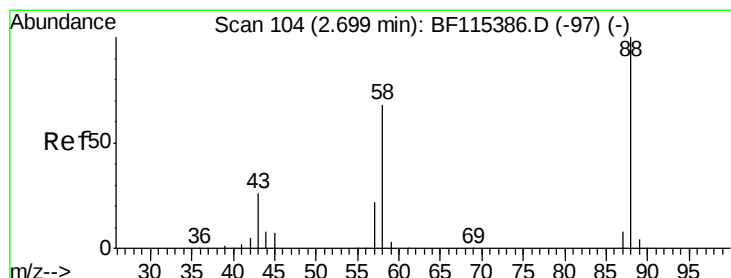
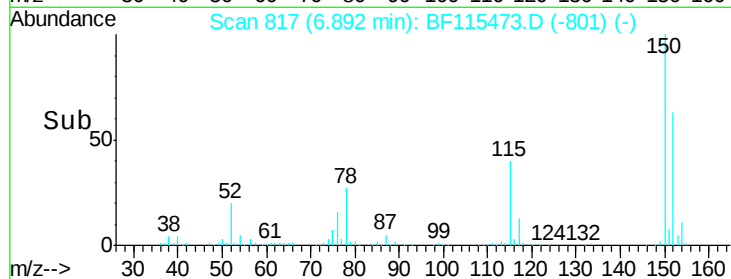
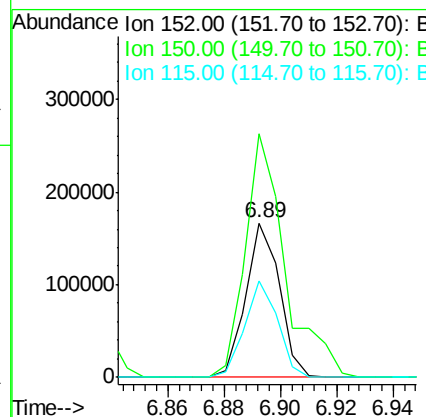
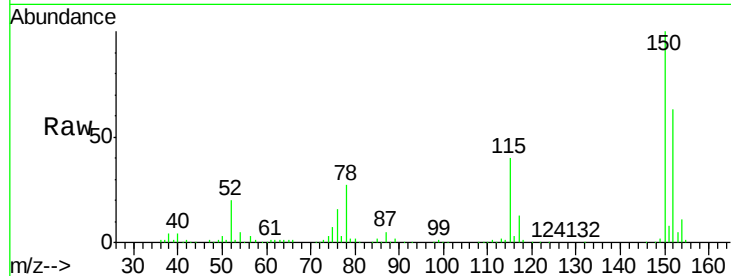
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.4	191.2
115	62.8	46.2	69.4

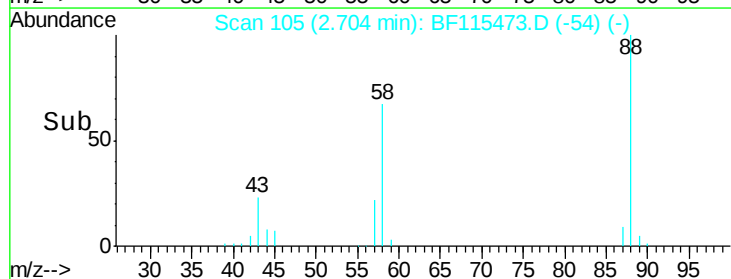
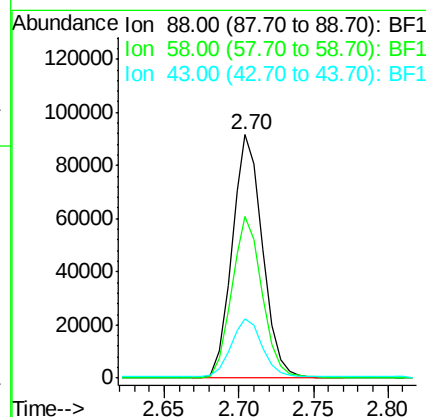
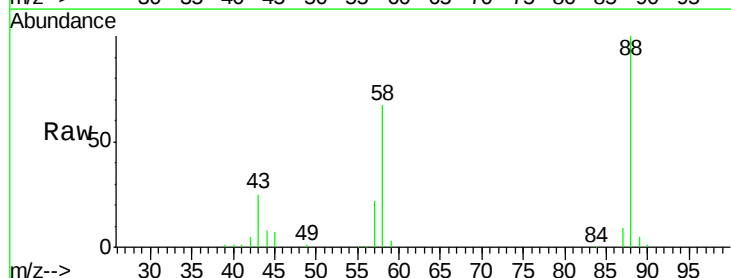
Manual Integrations
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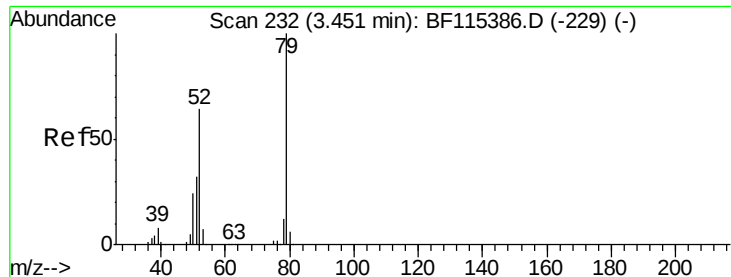
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#2
 1,4-Dioxane
 Concen: 29.667 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.00 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	52.5	78.7
43	24.6	19.0	28.6





#3

Pyridine

Concen: 28.098 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

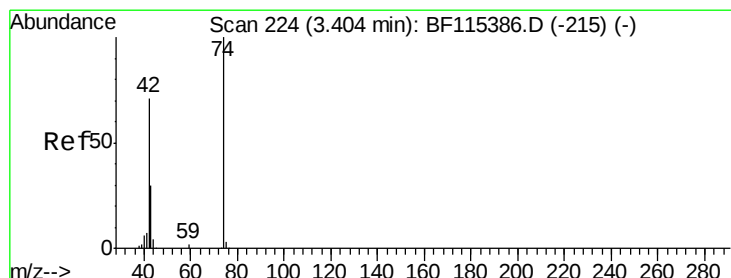
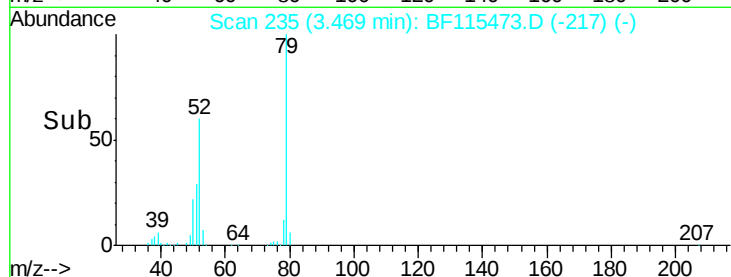
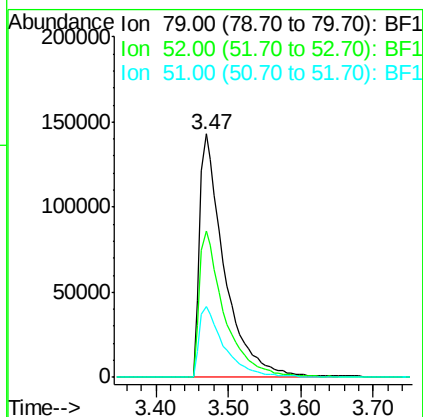
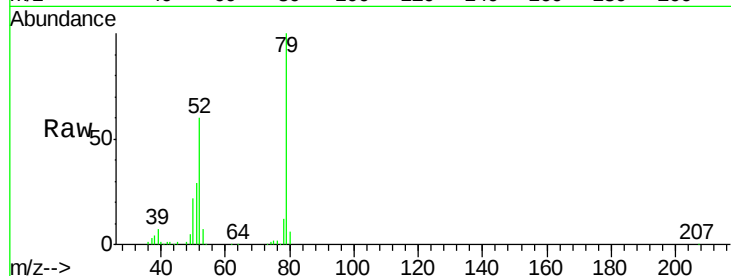
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	79	Resp:	340805
Ion Ratio	Lower	Upper	
79	100		
52	59.9	48.2	72.2
51	29.0	23.2	34.8

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#4

n-Nitrosodimethylamine

Concen: 29.444 ng

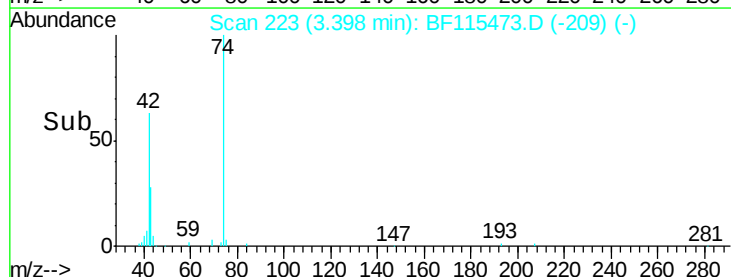
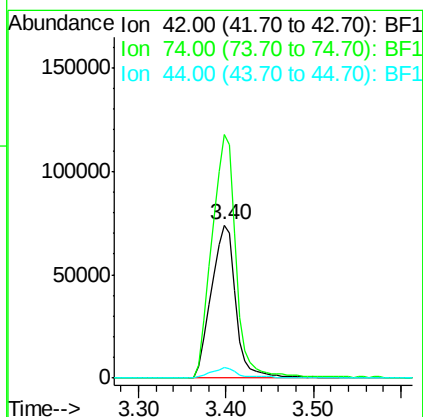
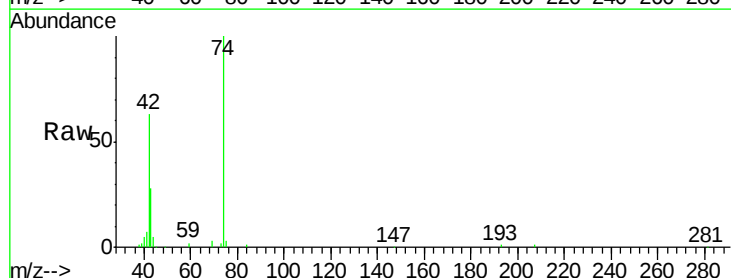
RT: 3.40 min Scan# 223

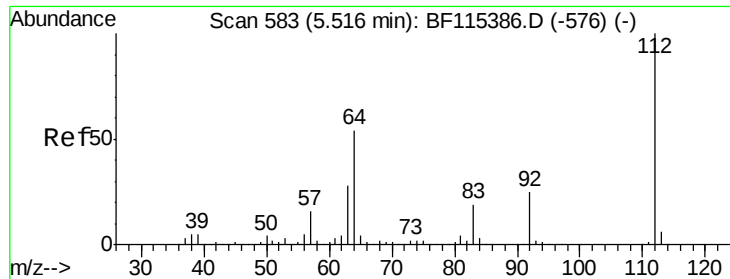
Delta R.T. -0.02 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	42	Resp:	144820
Ion Ratio	Lower	Upper	
42	100		
74	159.1	128.5	192.7
44	7.3	5.3	7.9





#5

2-Fluorophenol

Concen: 113.659 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MSD

Tgt Ion: 112 Resp: 1016429

Ion Ratio Lower Upper

112 100

64 57.0 44.2 66.2

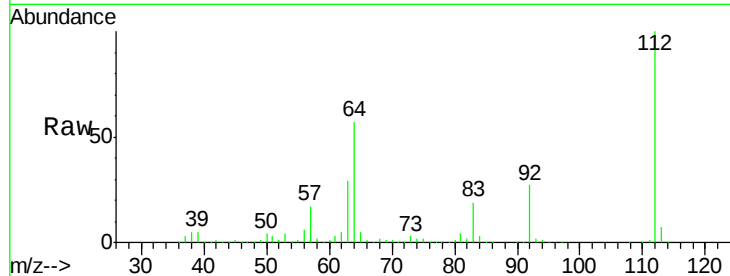
63 28.9 22.1 33.1

Manual Integrations

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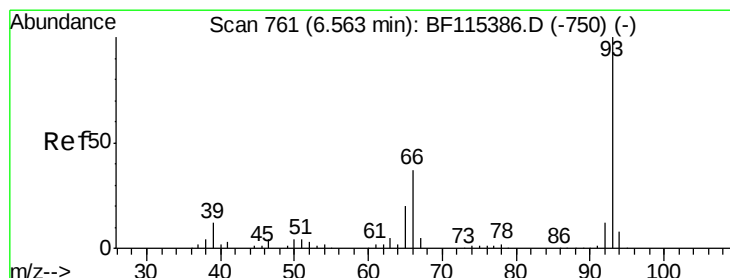
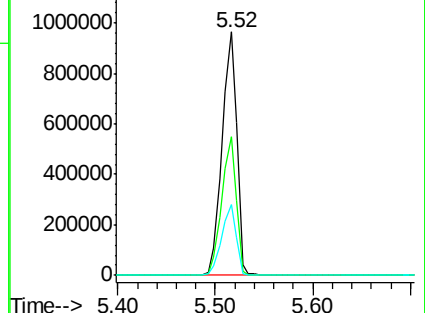
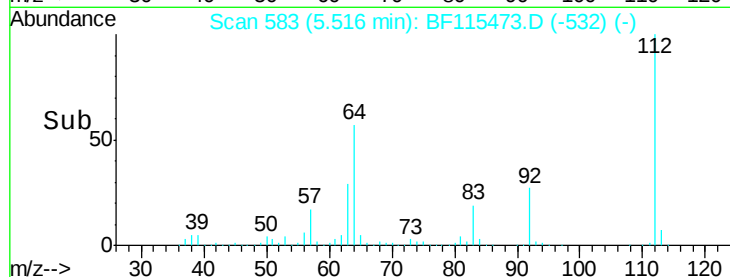
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.387 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

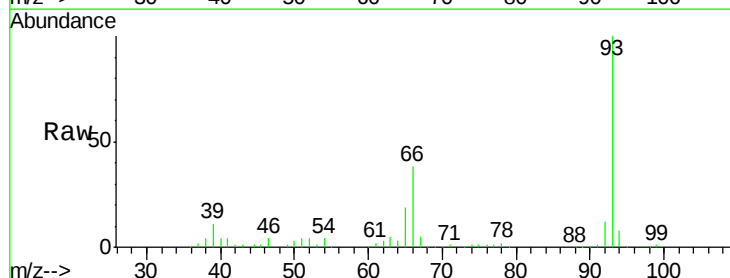
Tgt Ion: 93 Resp: 295112

Ion Ratio Lower Upper

93 100

66 38.0 31.3 46.9

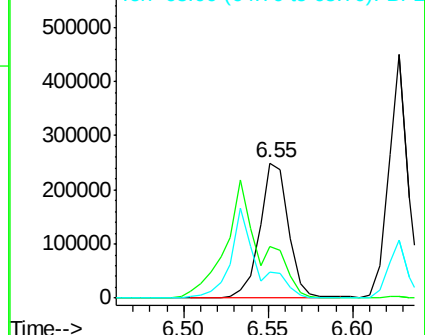
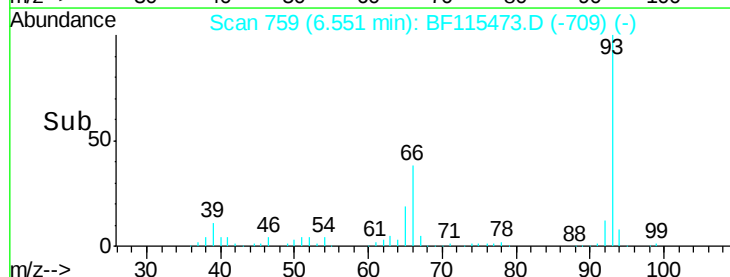
65 19.3 15.9 23.9

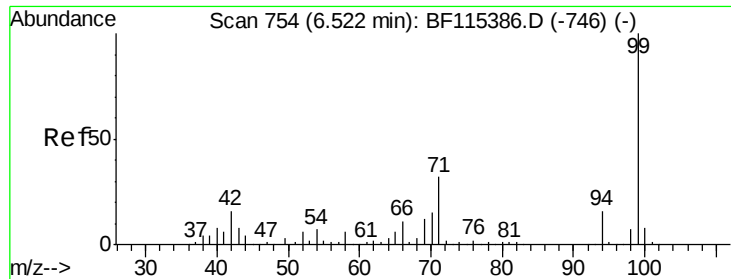


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.368 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MSD

Tgt Ion: 99 Resp: 1346240

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

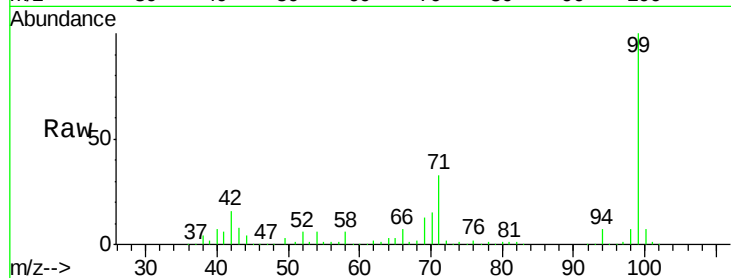
71 33.3 26.5 39.7

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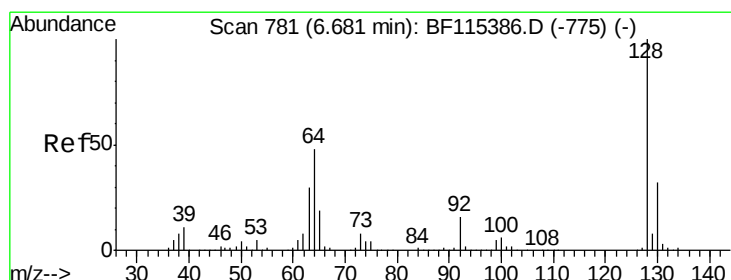
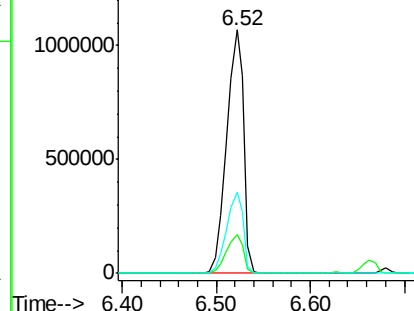
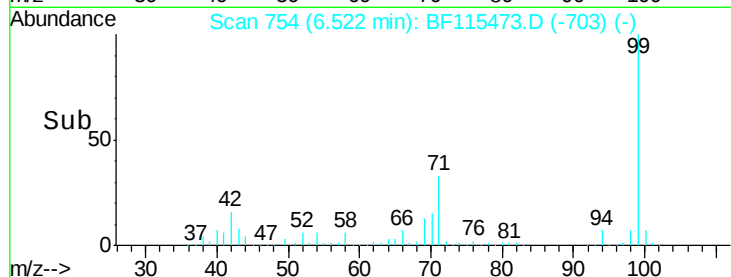
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.571 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

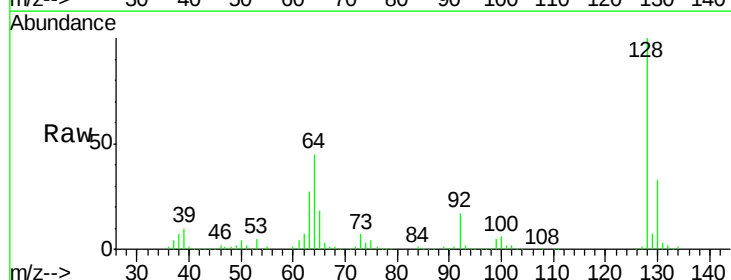
Tgt Ion: 128 Resp: 359189

Ion Ratio Lower Upper

128 100

130 33.3 11.8 51.8

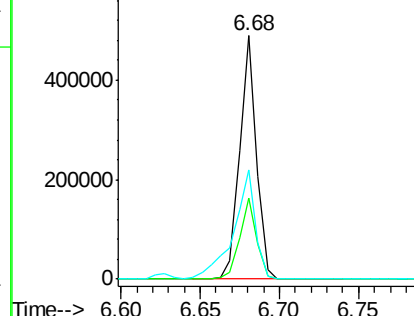
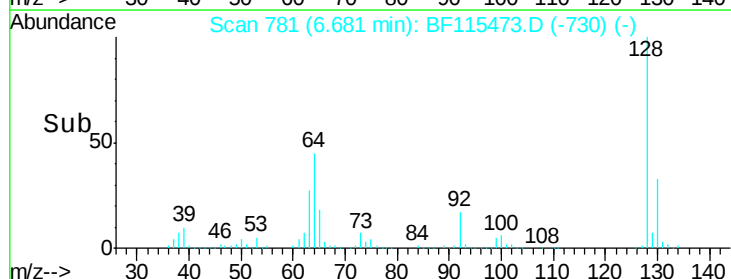
64 45.1 27.0 67.0



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: 27.893 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

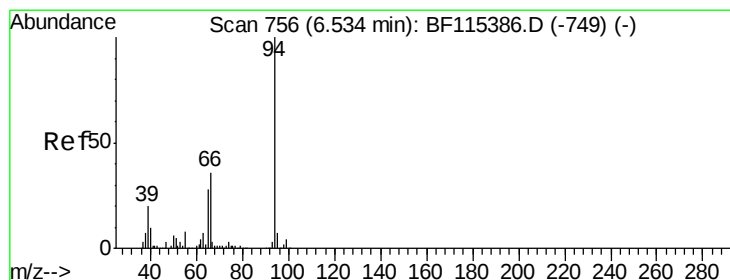
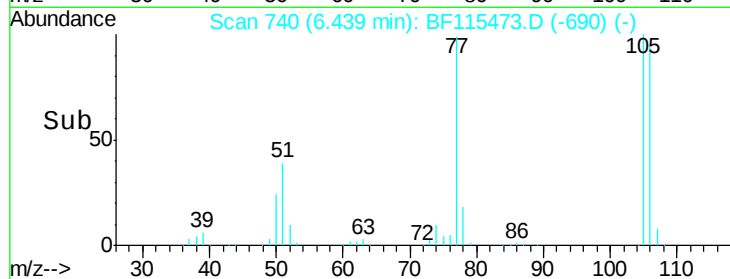
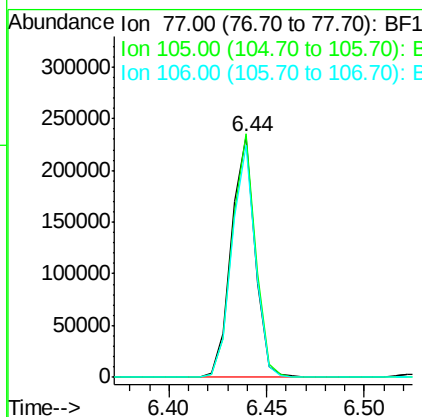
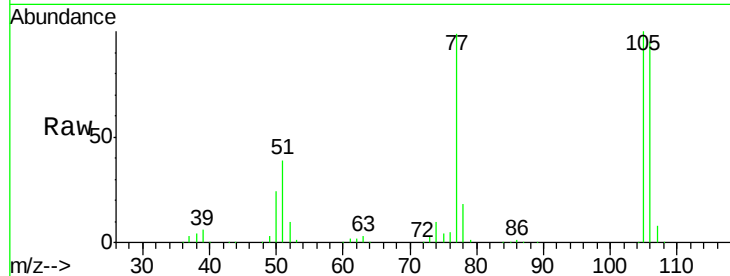
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	77	Resp:	195752
Ion	Ratio	Lower	Upper
77	100		
105	101.1	82.9	122.9
106	96.3	77.8	117.8

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#10

Phenol

Concen: 35.156 ng

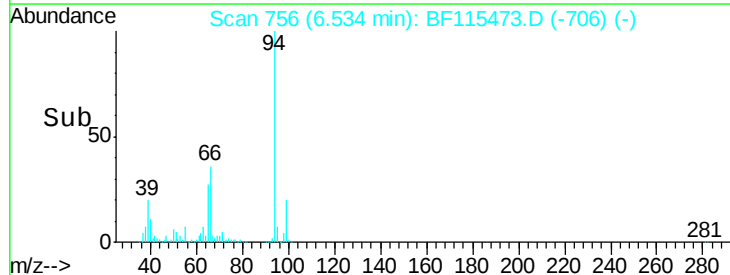
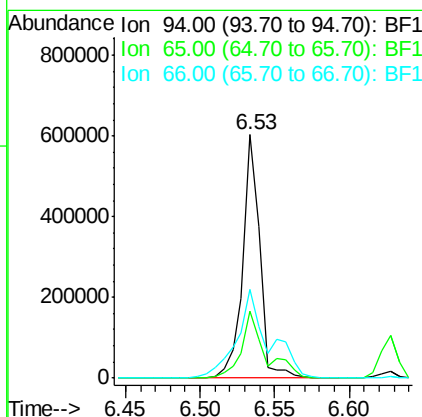
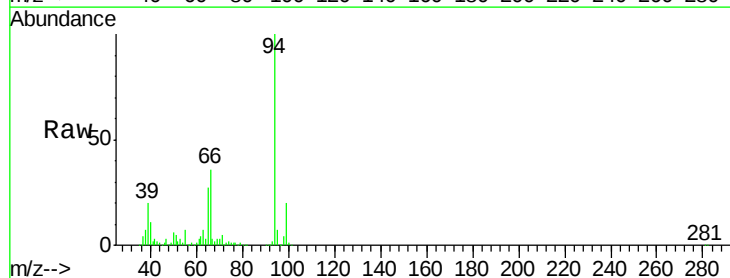
RT: 6.53 min Scan# 756

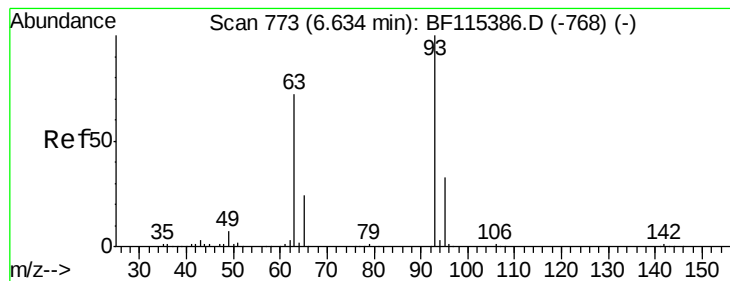
Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	94	Resp:	478399
Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.2	47.2
66	36.4	16.9	56.9





#11

bis(2-Chloroethyl)ether

Concen: 34.008 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MSD

Tgt Ion: 93 Resp: 343313

Ion Ratio Lower Upper

93 100

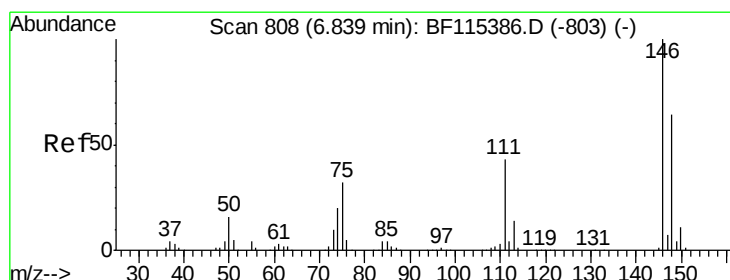
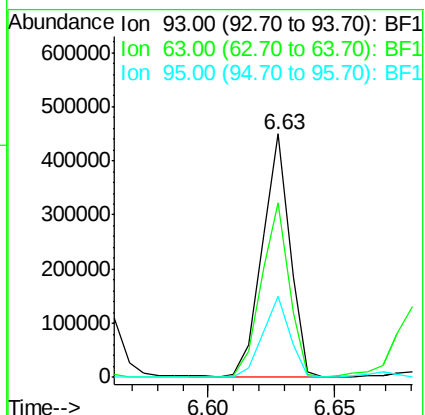
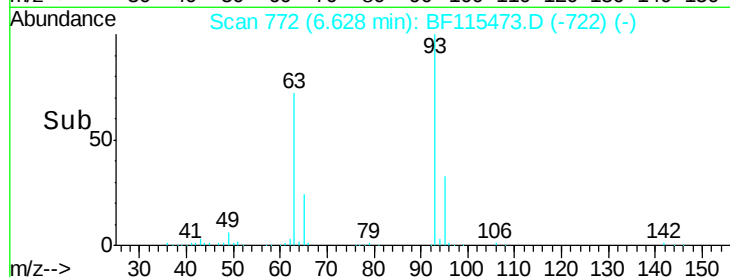
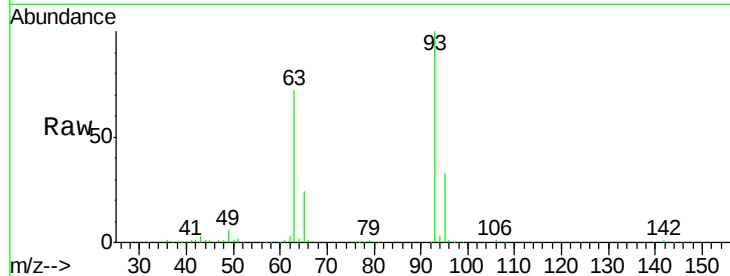
63 71.6 50.0 90.0

95 33.4 12.6 52.6

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#12

1,3-Dichlorobenzene

Concen: 34.210 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

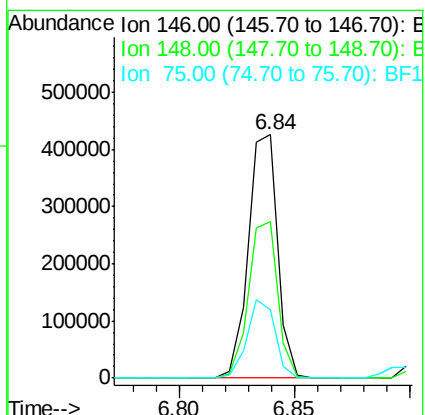
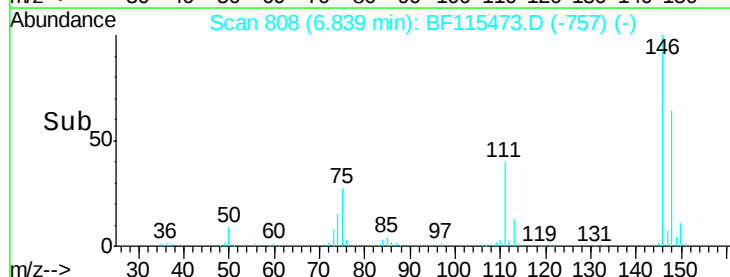
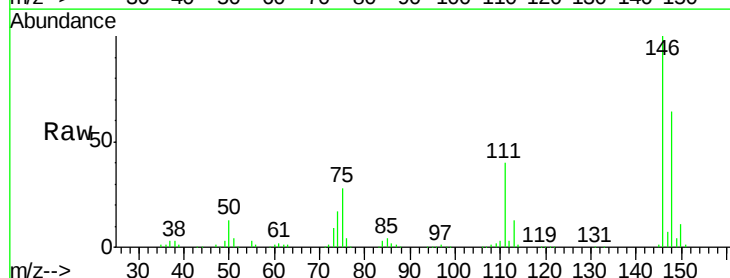
Tgt Ion: 146 Resp: 378461

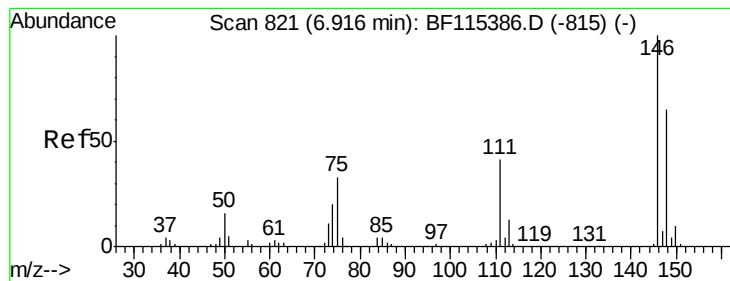
Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

75 27.9 24.8 37.2





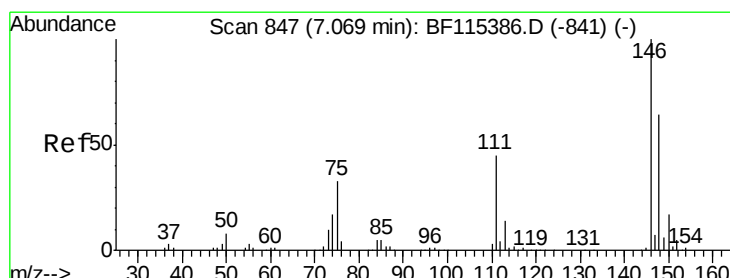
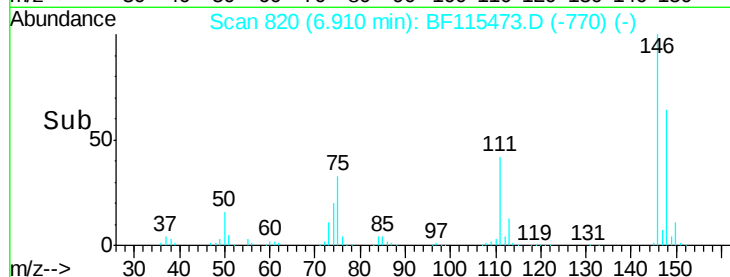
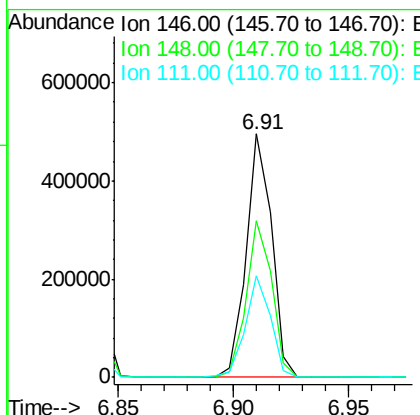
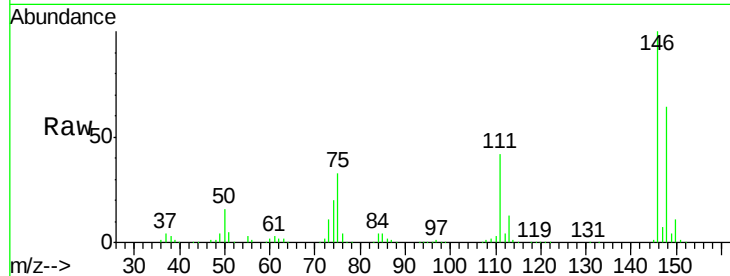
#13
 1,4-Dichlorobenzene
 Concen: 34.648 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
111	41.8	32.1	48.1

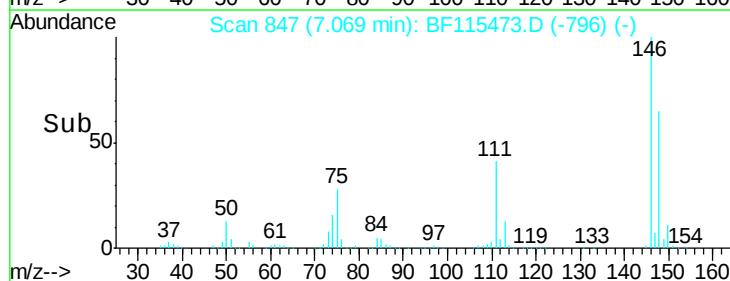
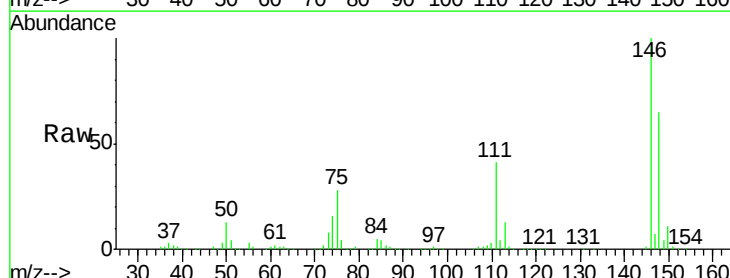
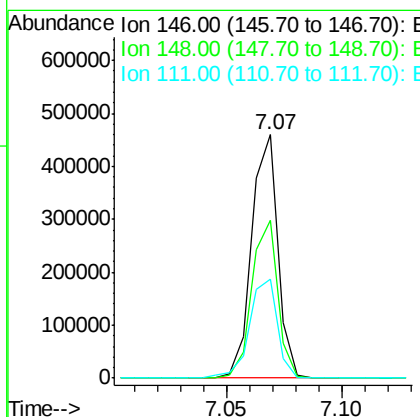
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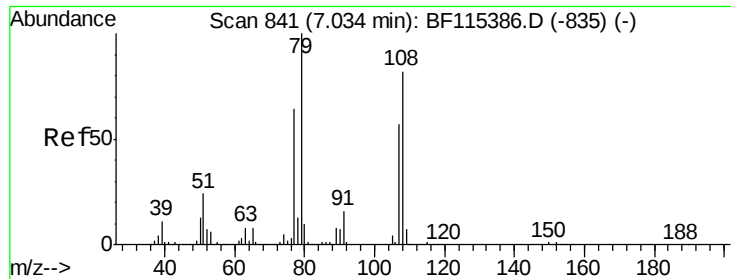
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#14
 1,2-Dichlorobenzene
 Concen: 35.527 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	40.6	35.4	53.2





#15

Benzyl Alcohol

Concen: 35.606 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

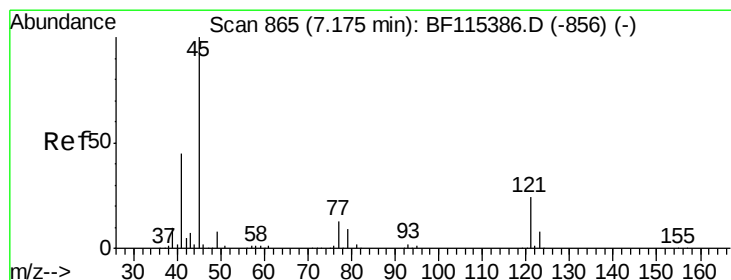
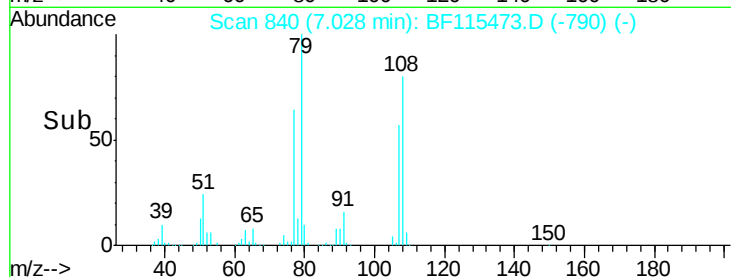
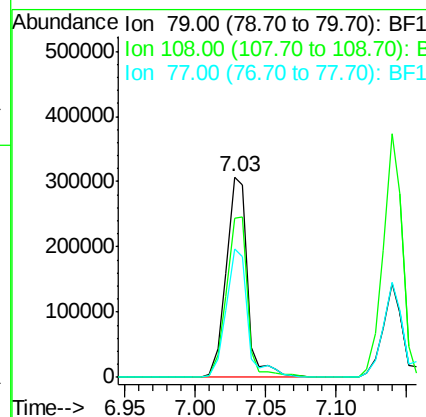
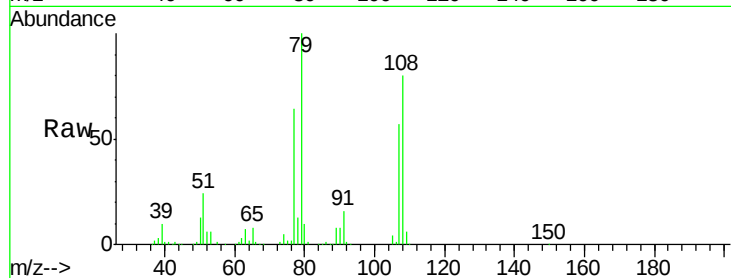
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	79	Resp:	324964
Ion	Ratio	Lower	Upper
79	100		
108	79.6	65.3	97.9
77	64.2	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.762 ng

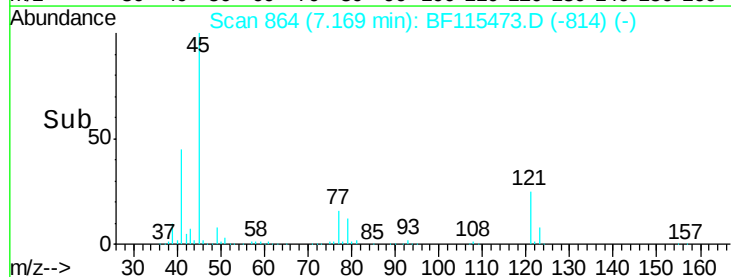
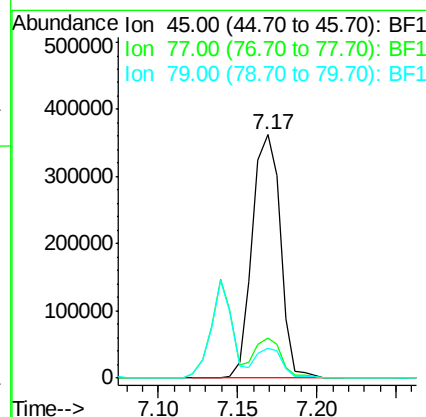
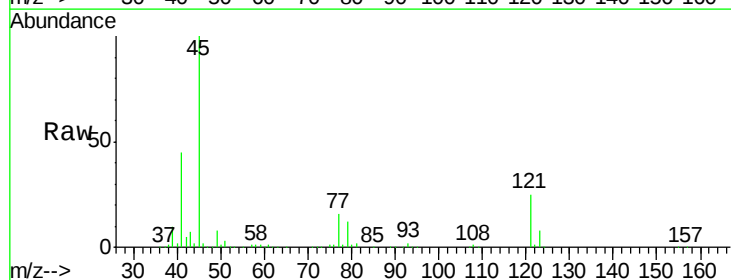
RT: 7.17 min Scan# 864

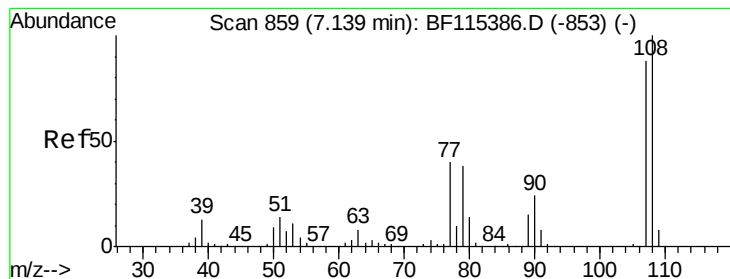
Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	45	Resp:	448325
Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	36.4
79	12.4	0.0	33.4





#17

2-Methylphenol

Concen: 35.477 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

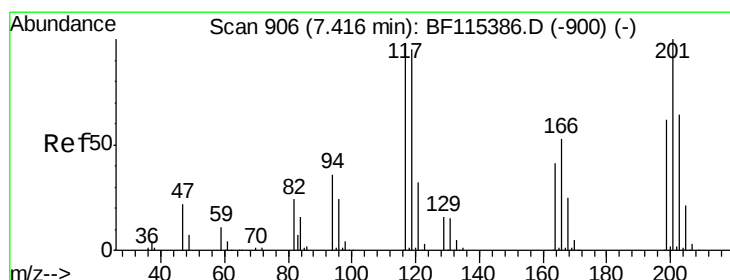
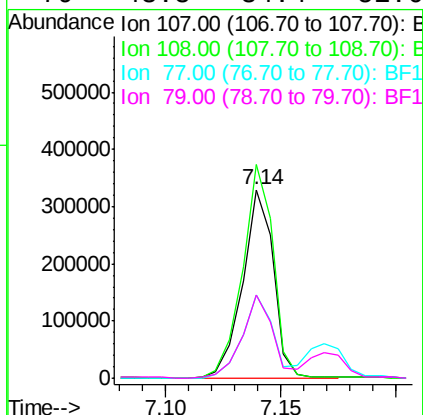
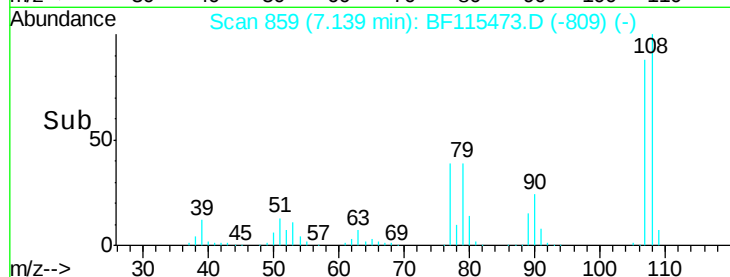
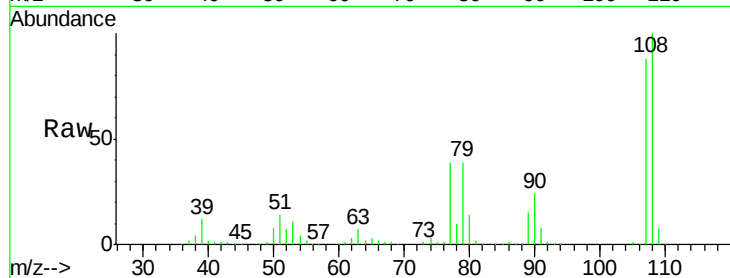
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	107	Resp:	306904
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.0	135.0
77	44.4	35.0	52.4
79	43.8	34.4	51.6

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#18

Hexachloroethane

Concen: 33.661 ng

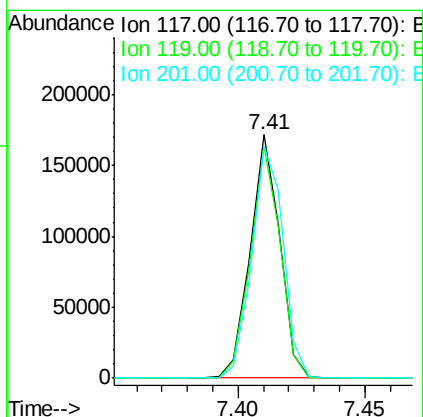
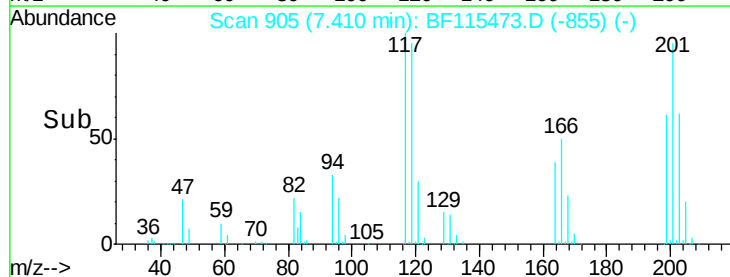
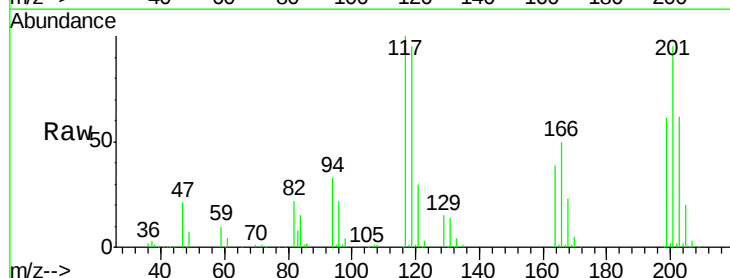
RT: 7.41 min Scan# 905

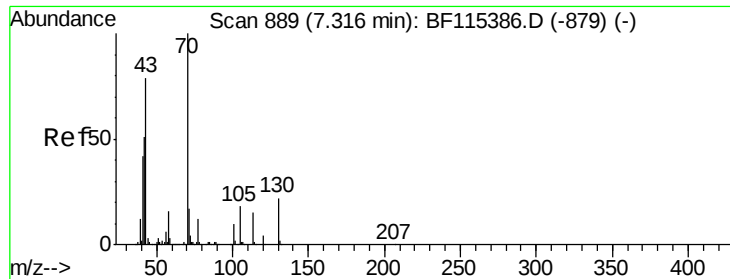
Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	117	Resp:	138955
Ion Ratio	Lower	Upper	
117	100		
119	95.1	76.8	115.2
201	95.4	85.8	128.6





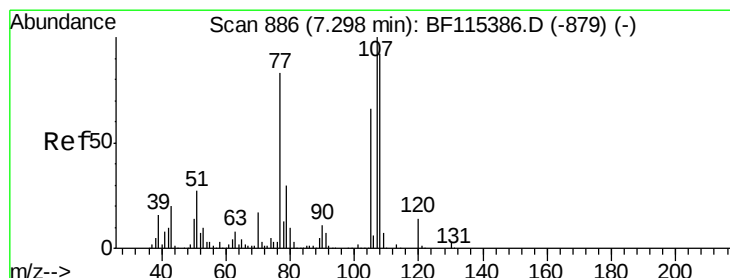
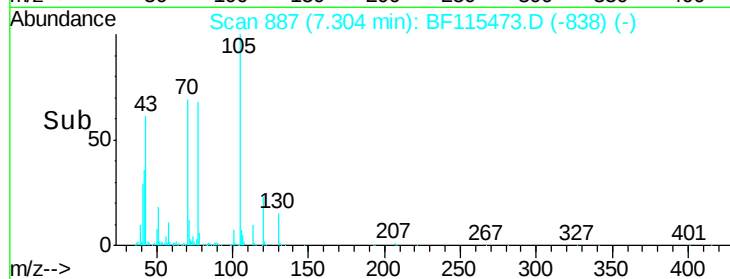
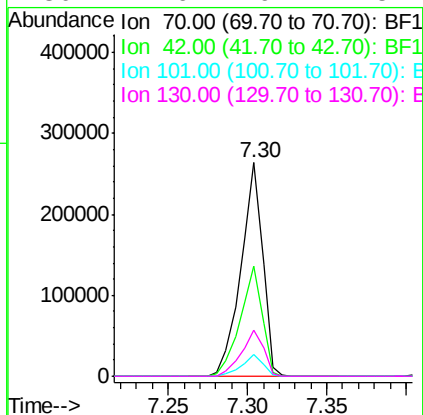
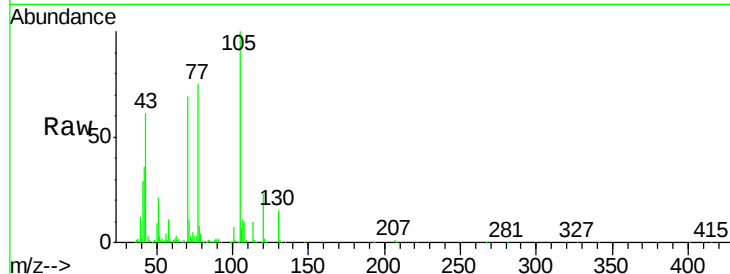
#19
n-Nitroso-di-n-propylamine
Concen: 32.457 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.5	38.5	57.7
101	10.1	8.0	12.0
130	21.6	19.1	28.7

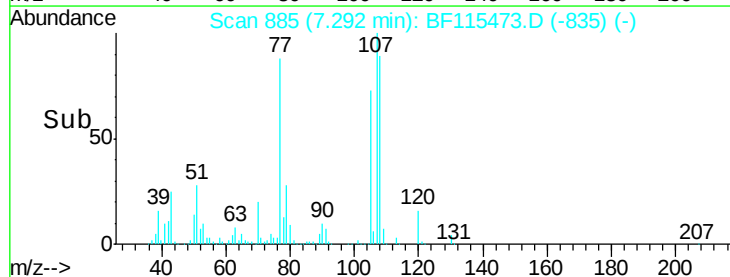
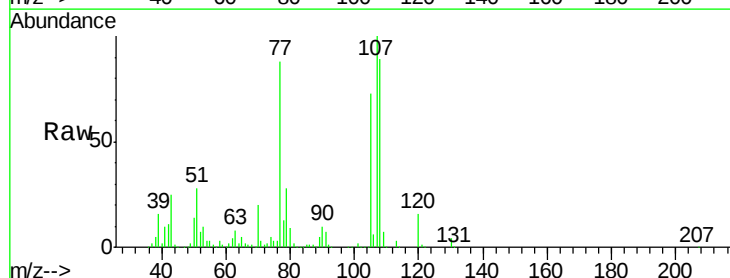
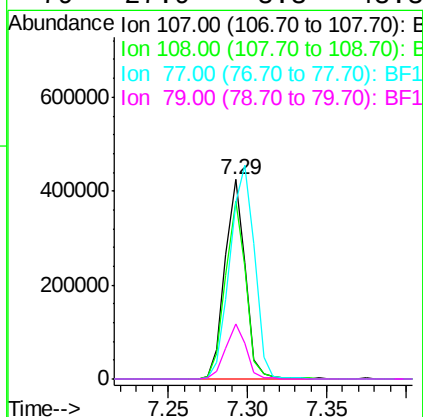
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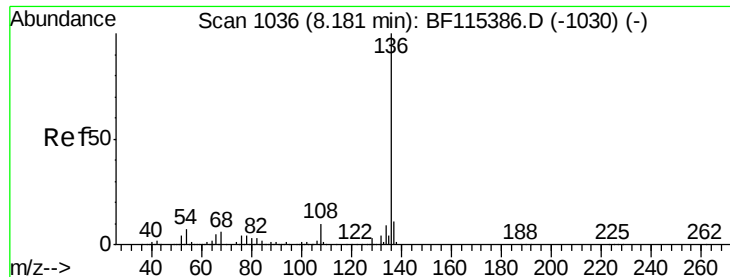
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#20
3+4-Methylphenols
Concen: 36.921 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.5	110.5
77	88.4	63.0	103.0
79	27.9	8.3	48.3





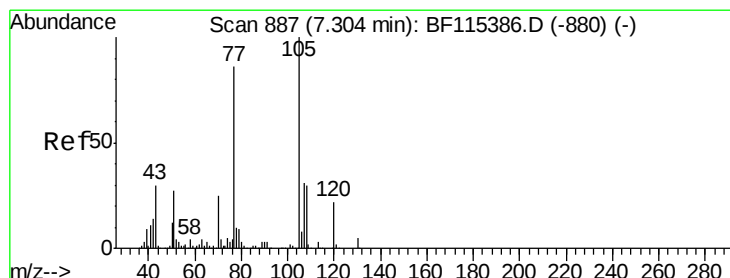
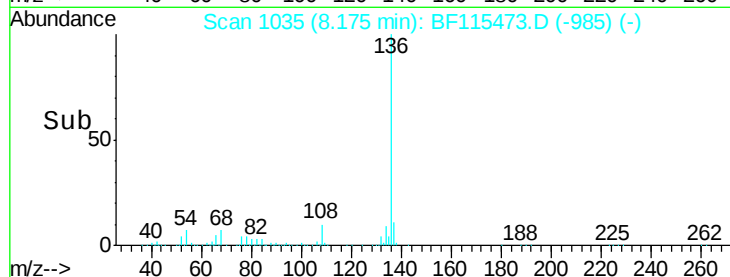
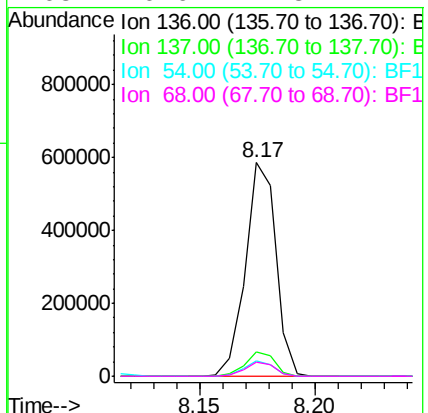
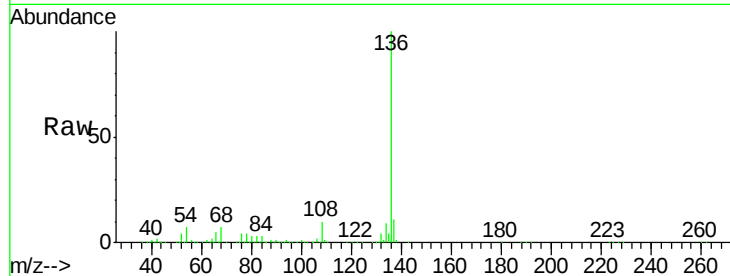
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	543007		
137	11.5	8.8	13.2	
54	7.4	5.4	8.0	
68	6.6	4.8	7.2	

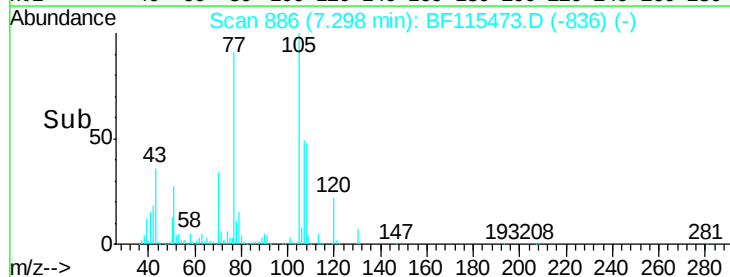
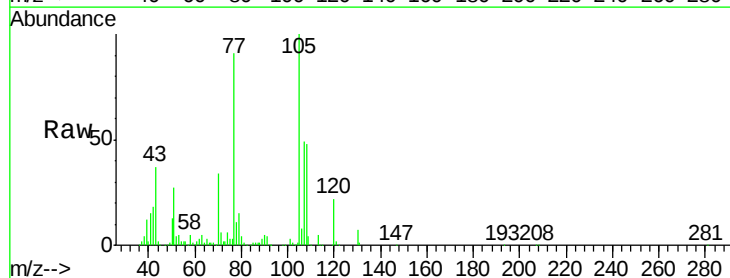
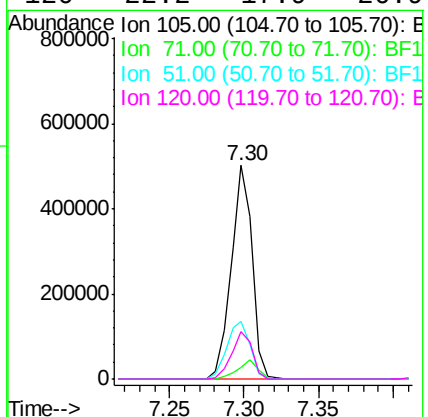
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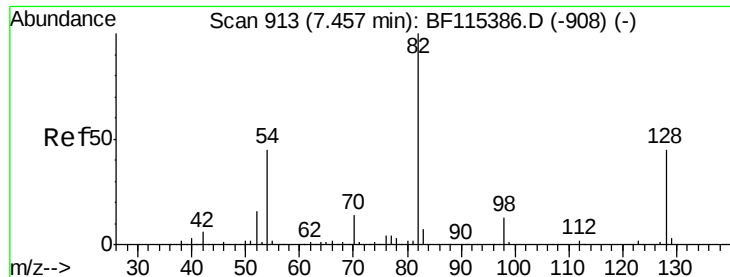
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#22
Acetophenone
Concen: 38.032 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494849		
71	5.6	3.5	5.3#	
51	27.1	22.6	33.8	
120	22.2	17.9	26.9	





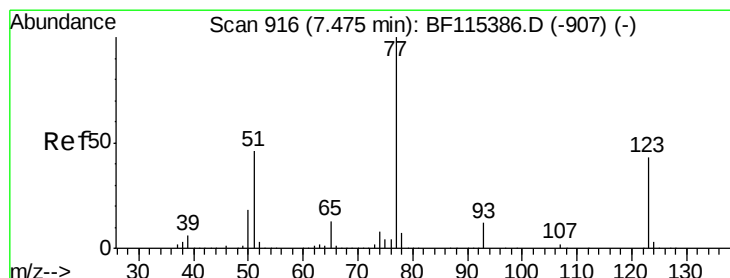
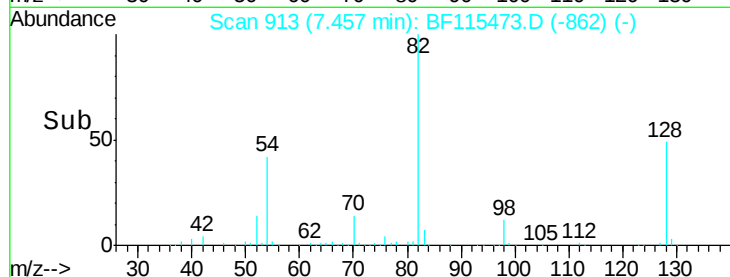
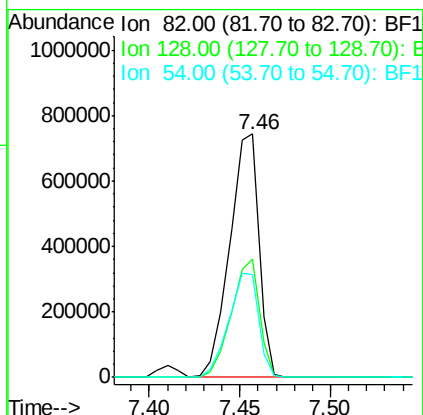
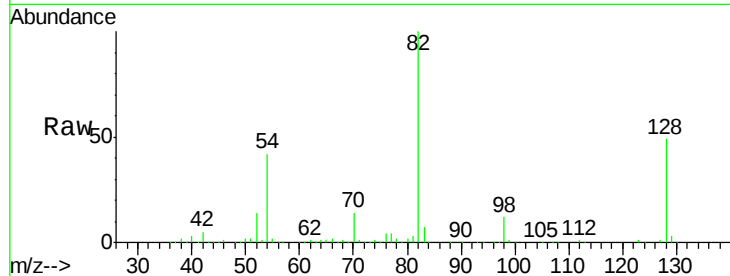
#23
 Nitrobenzene-d5
 Concen: 90.791 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	834416		
128	48.6	36.7	55.1	
54	42.2	35.6	53.4	

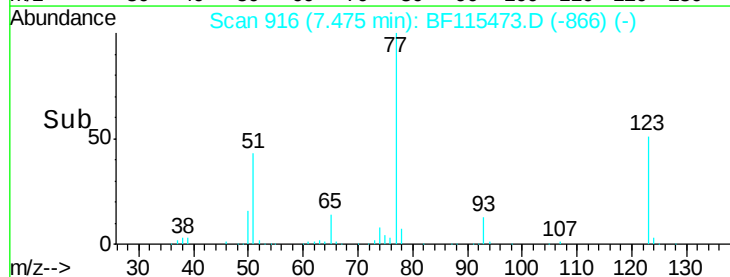
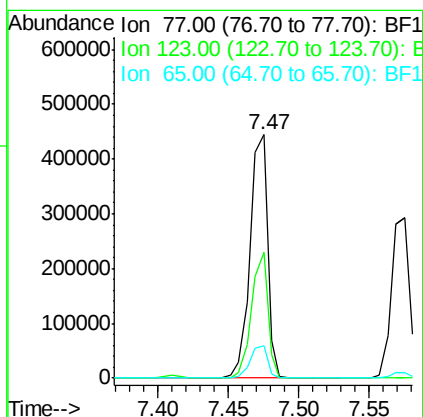
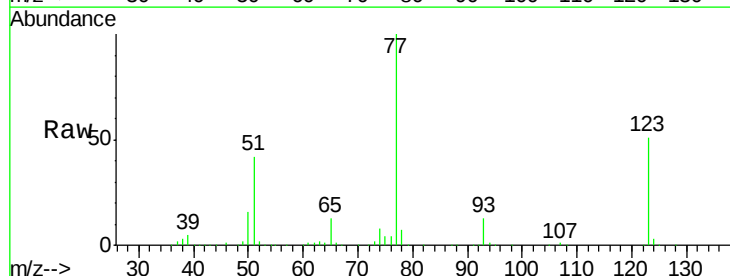
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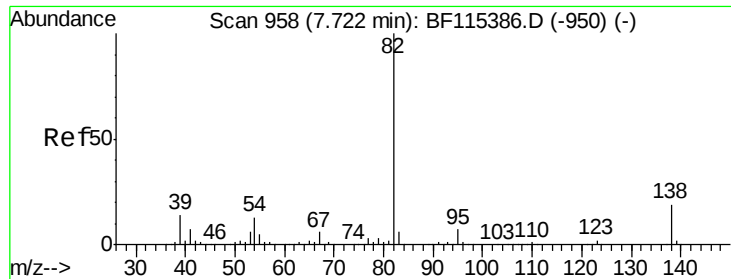
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#24
 Nitrobenzene
 Concen: 37.488 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	389101		
123	51.5	40.4	60.6	
65	13.1	10.4	15.6	





#25

Isophorone

Concen: 35.418 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

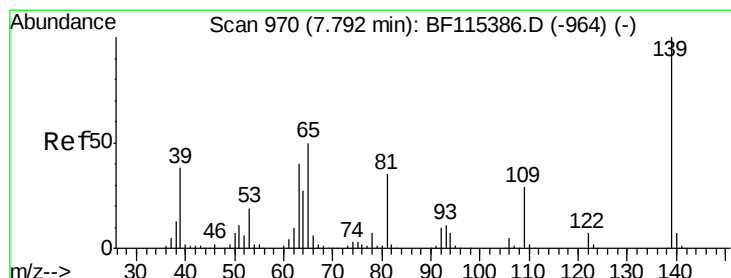
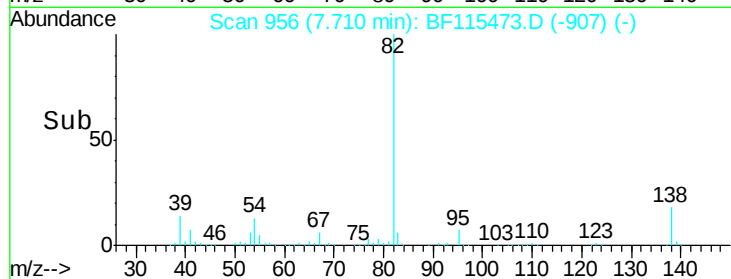
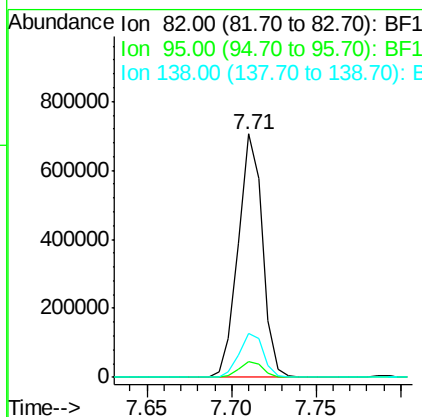
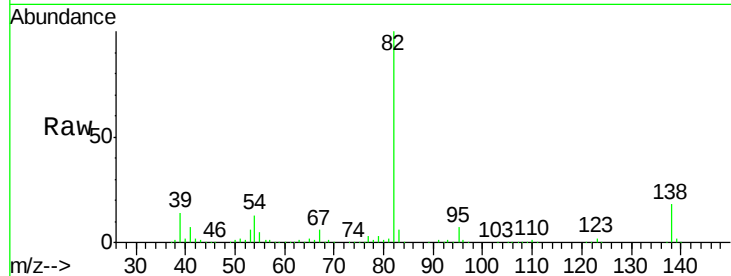
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	82	Resp:	705560
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.4	8.2
138	18.0	15.1	22.7

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#26

2-Nitrophenol

Concen: 45.190 ng

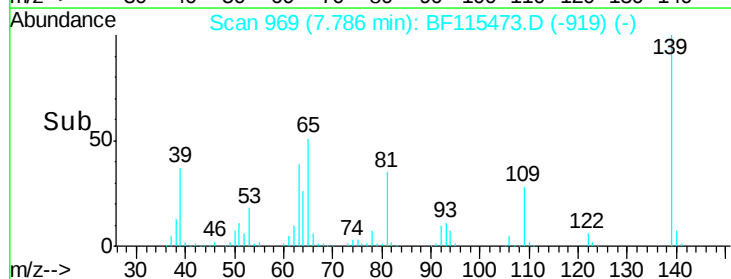
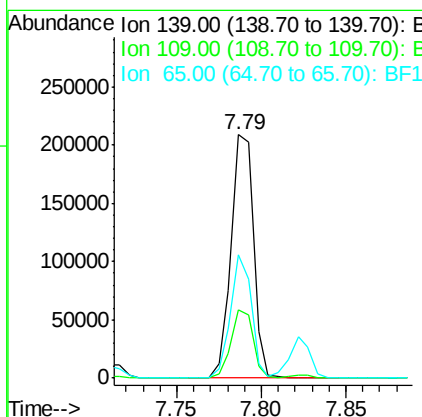
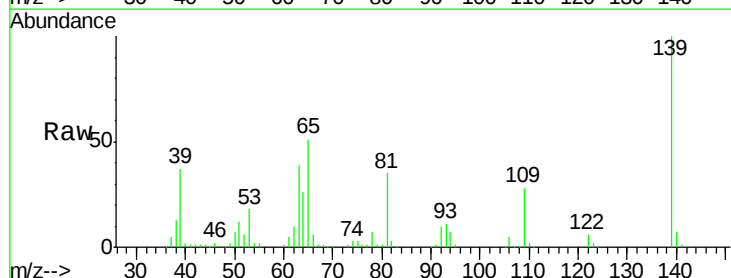
RT: 7.79 min Scan# 969

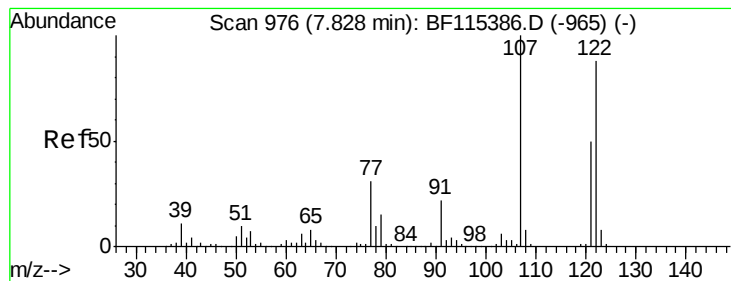
Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	139	Resp:	192833
Ion Ratio		Lower	Upper
139	100		
109	28.1	22.2	33.4
65	50.6	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 38.912 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

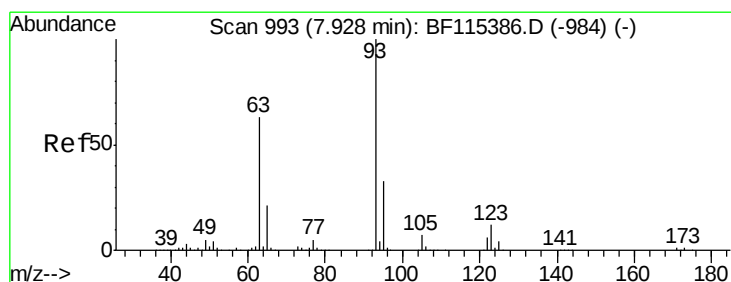
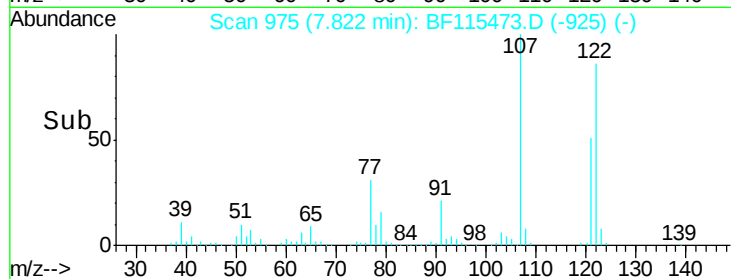
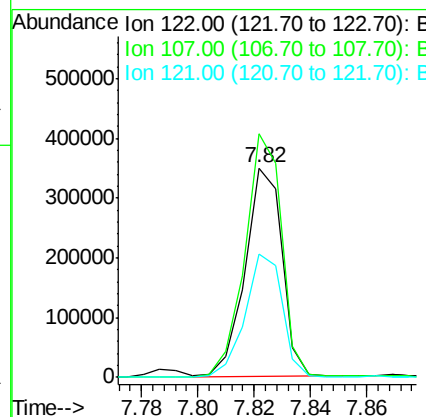
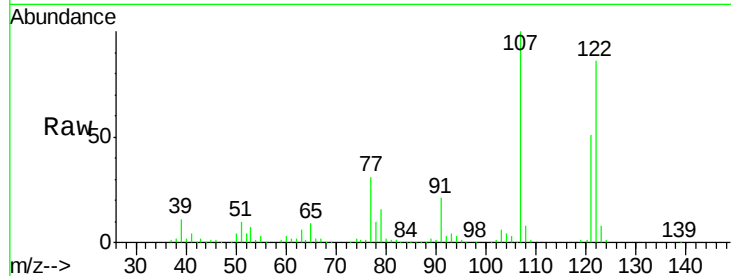
ClientSampleId :

COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	316618		
107	116.2	91.7	137.5	
121	59.1	47.7	71.5	

Manual Integrations
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mohammad
7/11/2019 5:22:25 PM



#28

bis(2-Chloroethoxy)methane

Concen: 35.205 ng

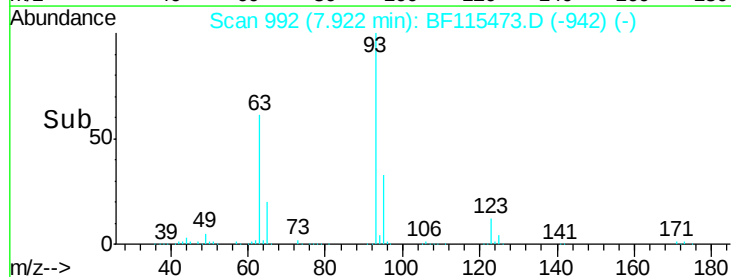
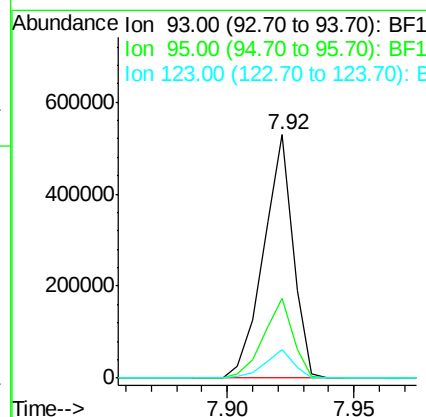
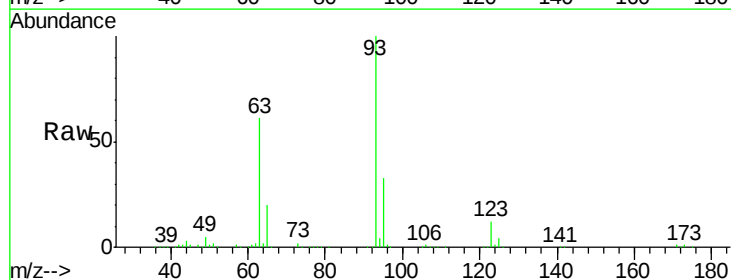
RT: 7.92 min Scan# 992

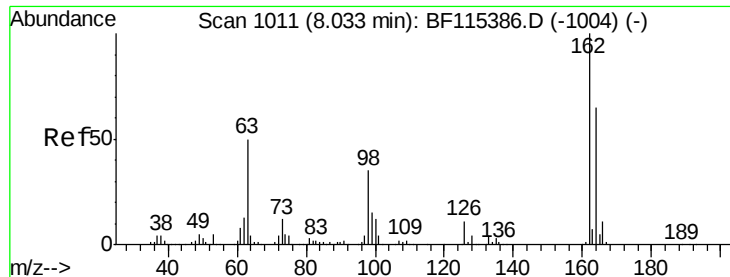
Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	432453		
95	32.7	26.6	39.8	
123	11.6	10.4	15.6	





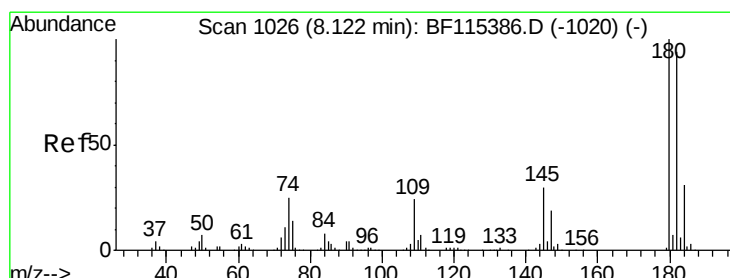
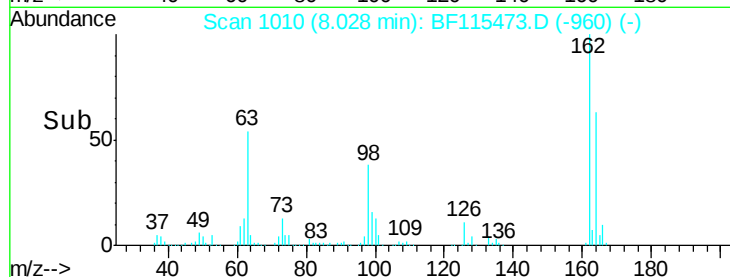
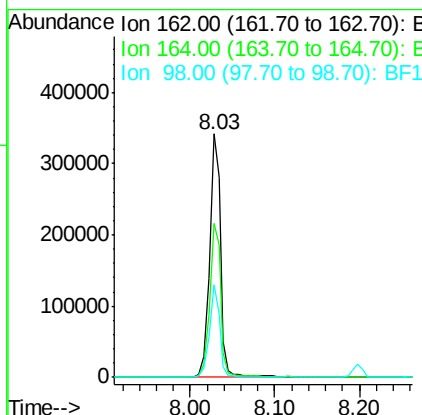
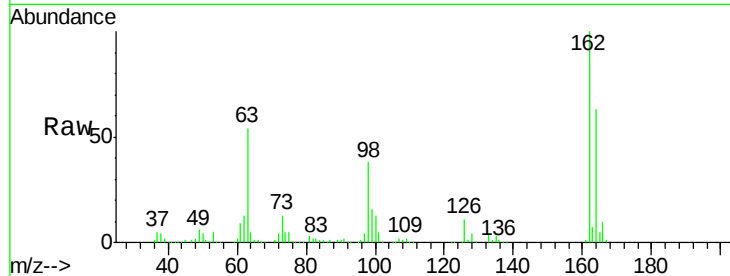
#29
2,4-Dichlorophenol
Concen: 38.601 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	312836		
164	63.3	45.2	85.2	
98	37.8	17.0	57.0	

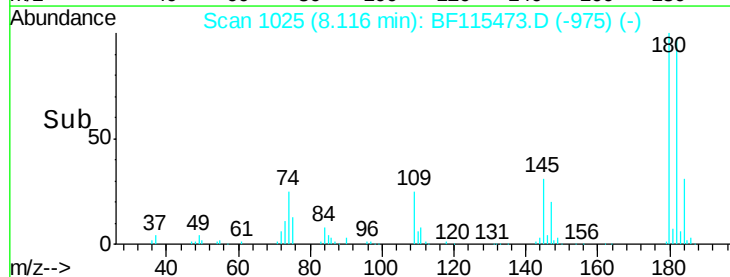
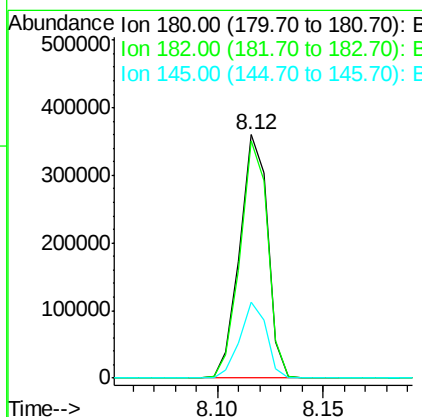
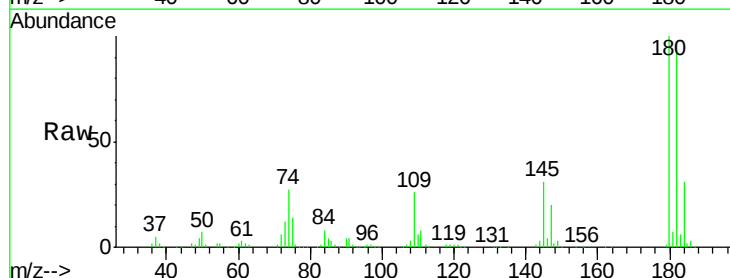
Manual Integrations
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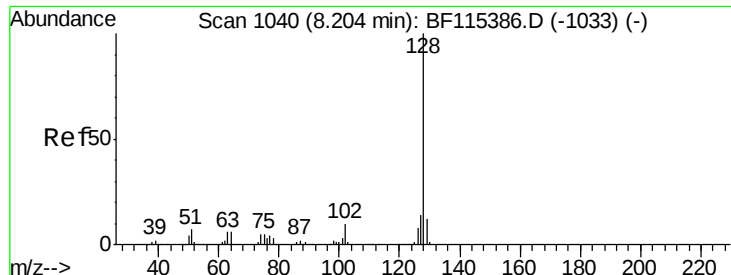
mohammad
7/11/2019 5:22:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.644 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	330610		
182	97.2	77.1	115.7	
145	31.0	23.9	35.9	





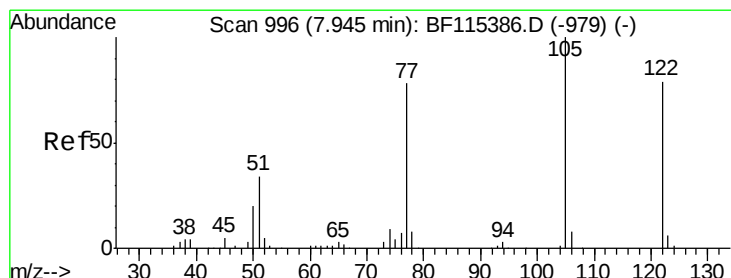
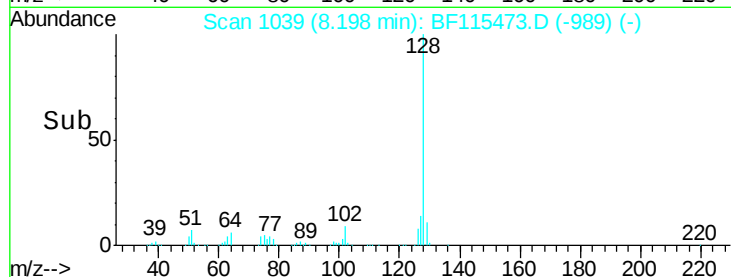
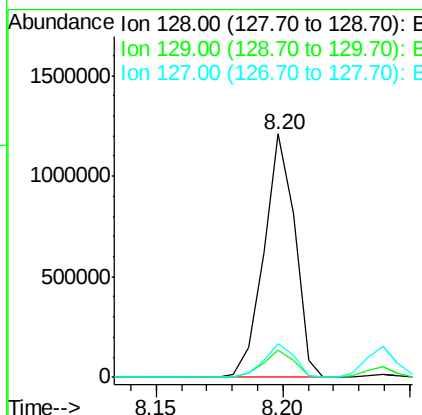
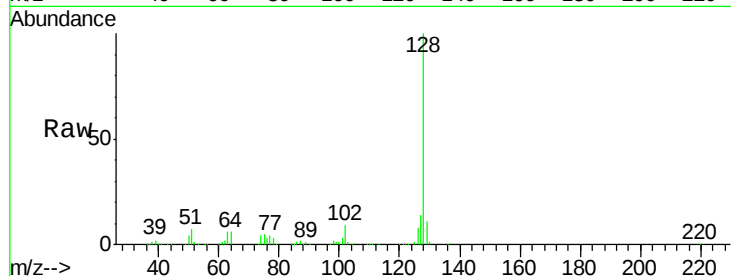
#31
Naphthalene
Concen: 38.026 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion:128 Resp: 1025604
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.7 11.1 16.7

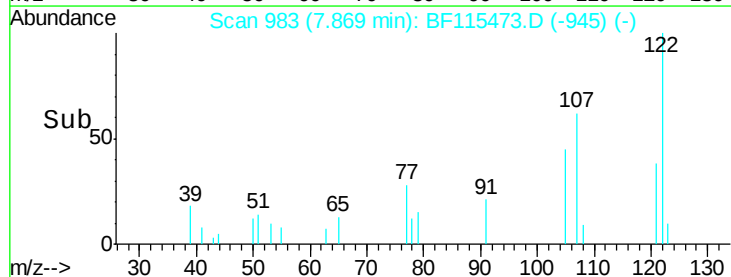
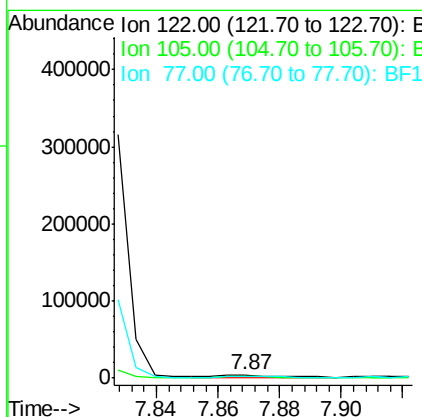
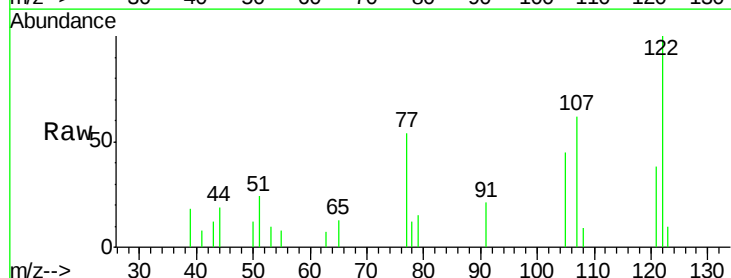
Manual Integrations
APPROVED

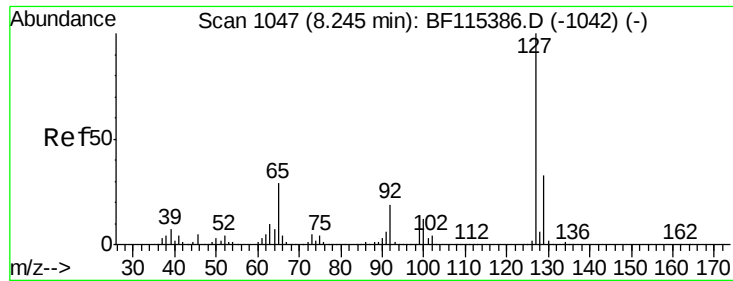
mohammad
7/11/2019 5:22:25 PM



#32
Benzoic acid
Concen: 6.732 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion:122 Resp: 4676
Ion Ratio Lower Upper
122 100
105 45.1 101.6 141.6#
77 53.7 69.1 109.1#





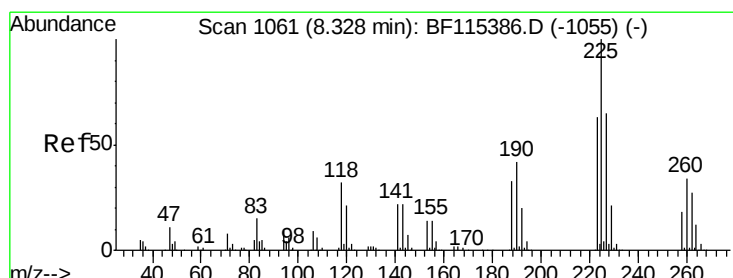
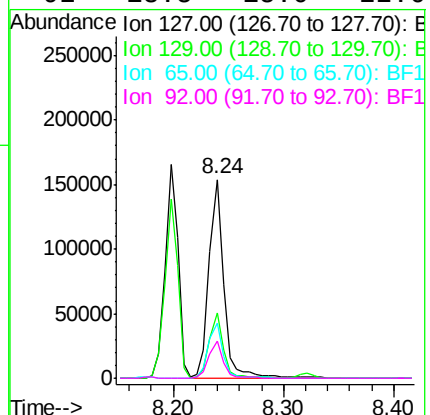
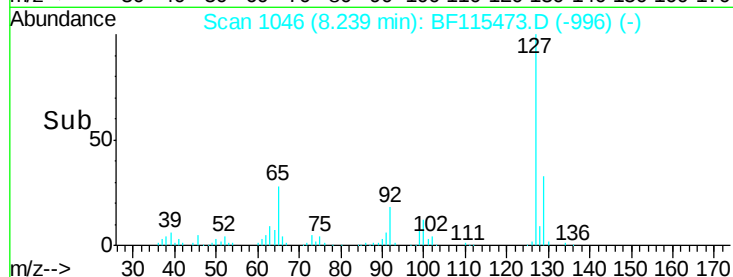
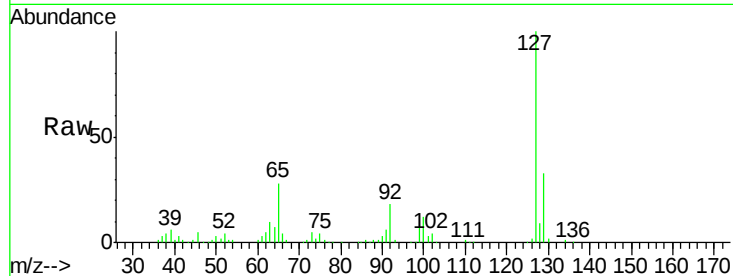
#33
4-Chloroaniline
Concen: 11.636 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.1	39.1	
65	28.0	23.2	34.8	
92	18.5	15.0	22.6	

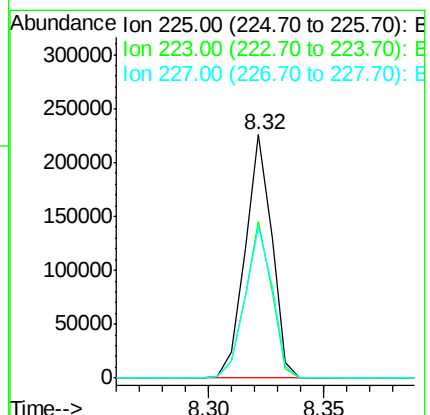
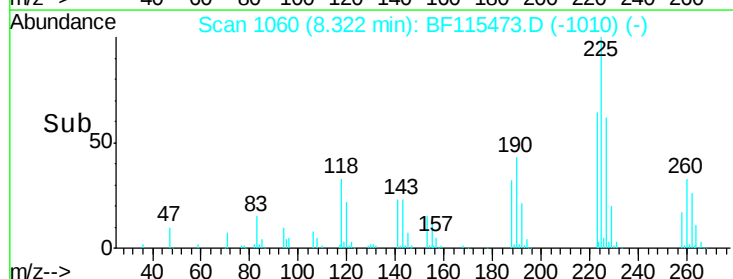
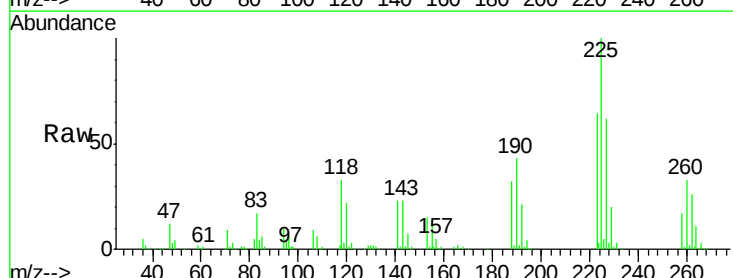
Manual Integrations
APPROVED

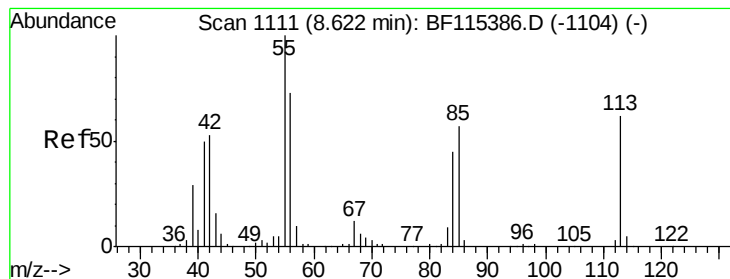
mohammad
7/11/2019 5:22:25 PM



#34
Hexachlorobutadiene
Concen: 35.709 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	50.6	76.0	
227	62.0	51.4	77.2	





#35

Caprolactam

Concen: 38.311 ng m

RT: 8.59 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

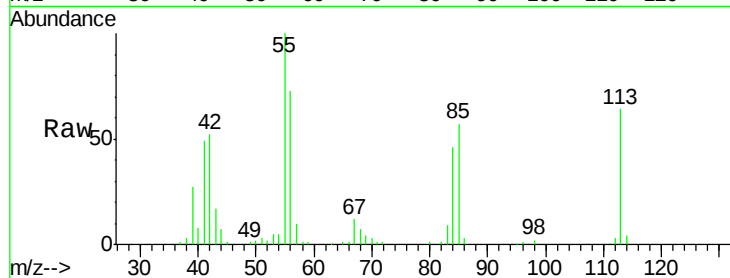
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	113	Resp:	101123
Ion Ratio	Lower	Upper	
113	100		
55	156.1	138.1	178.1
56	114.6	95.7	135.7

Manual Integrations
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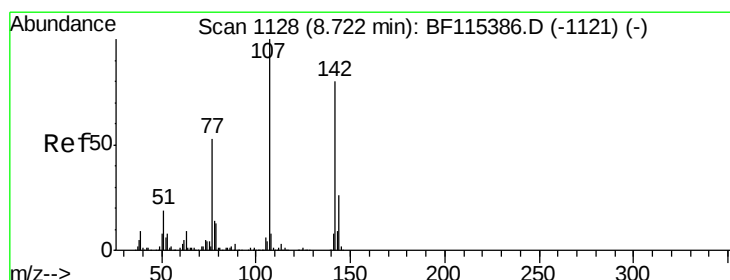
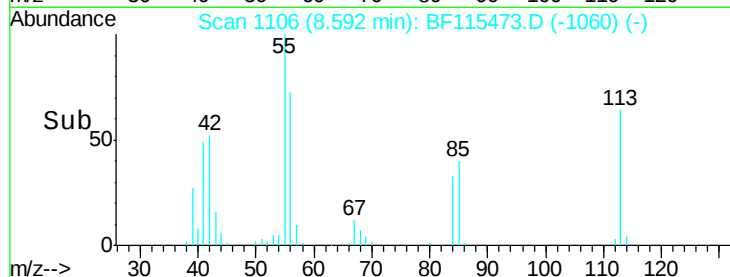
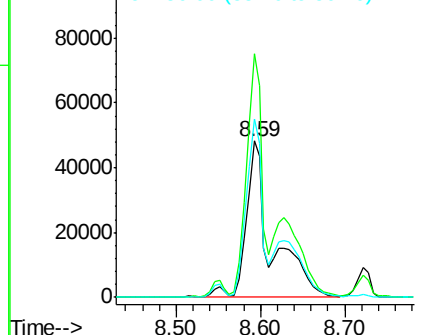
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.493 ng

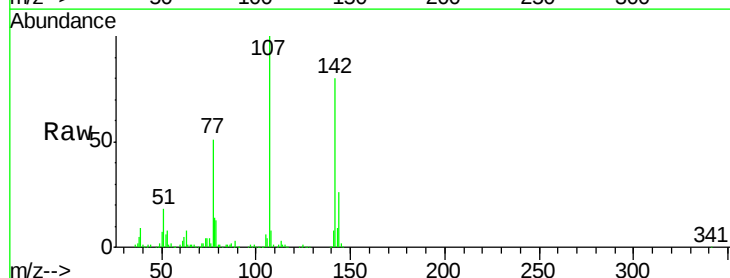
RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

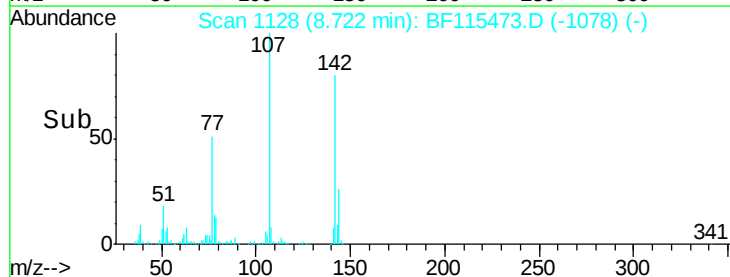
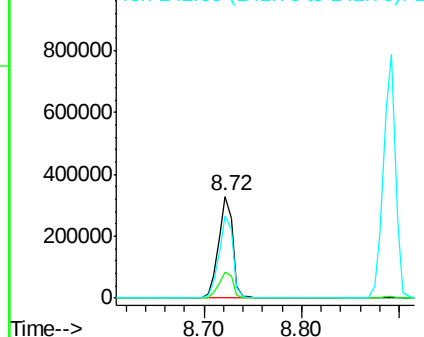
Tgt Ion:	107	Resp:	329979
Ion Ratio	Lower	Upper	
107	100		
144	25.6	21.5	32.3
142	80.2	66.2	99.2

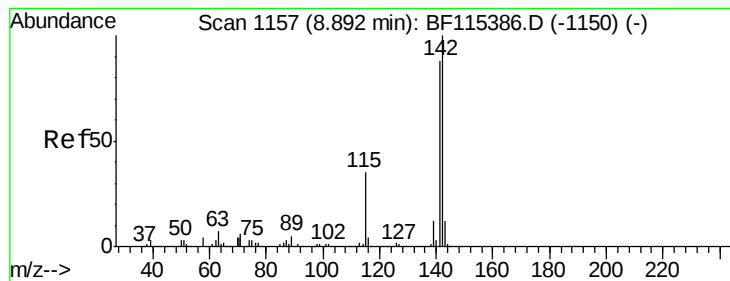


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





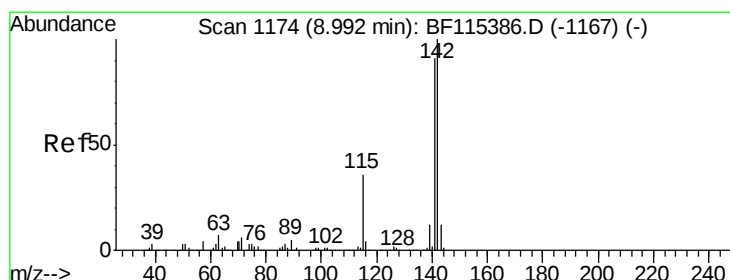
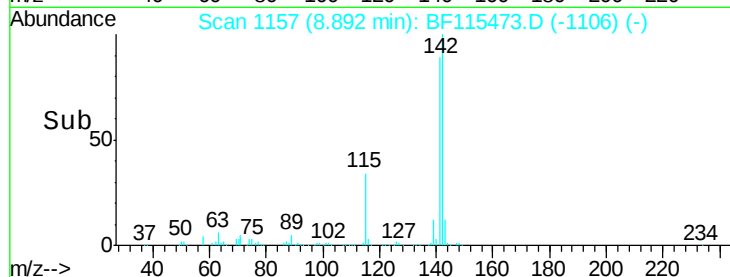
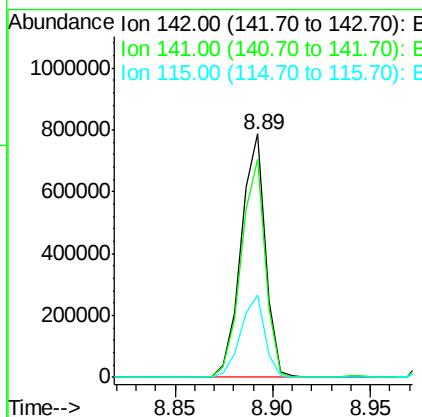
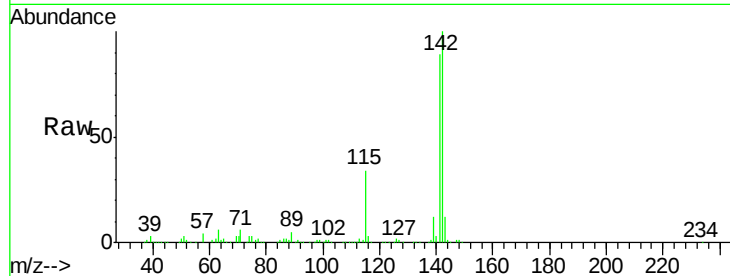
#37
2-Methylnaphthalene
Concen: 37.611 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.1	108.1
115	33.6	27.6	41.4

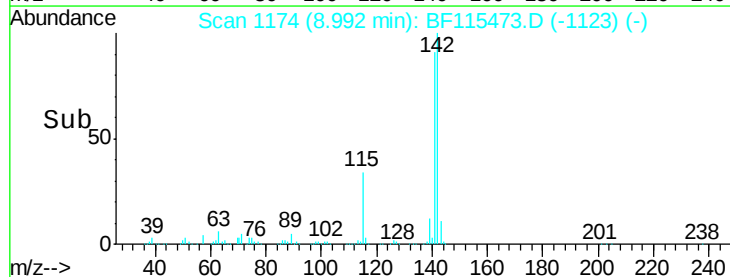
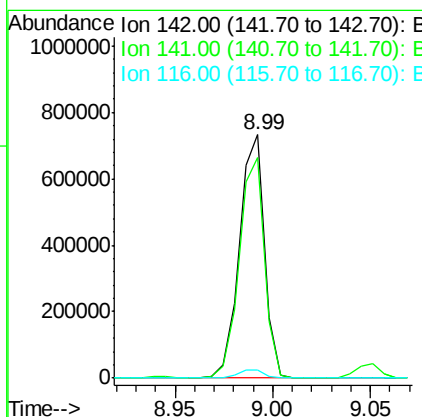
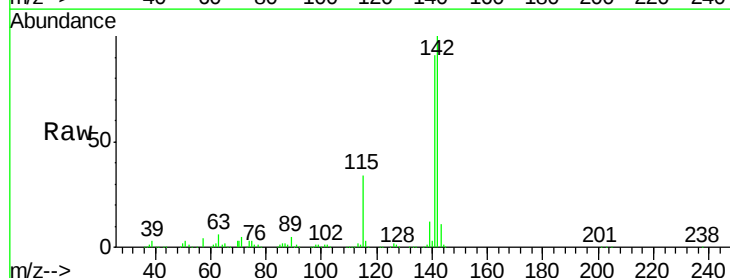
Manual Integrations
APPROVED

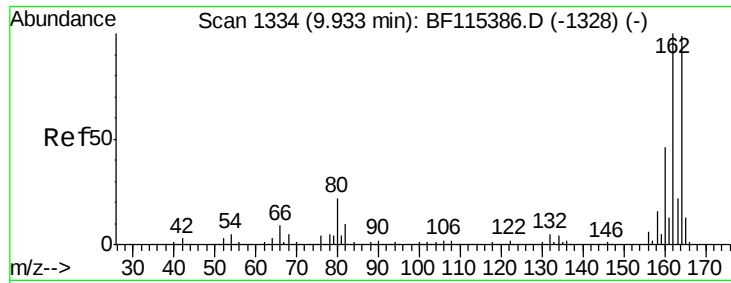
mohammad
7/11/2019 5:22:25 PM



#38
1-Methylnaphthalene
Concen: 37.656 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.3	111.5
116	3.5	3.1	4.7





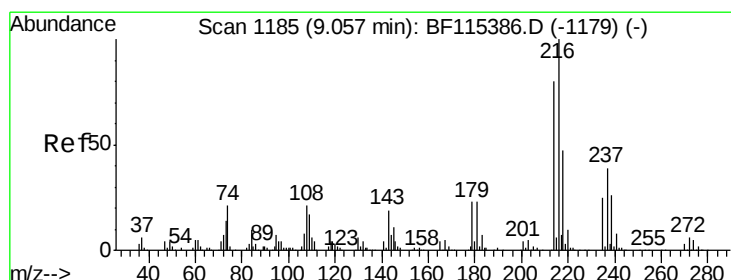
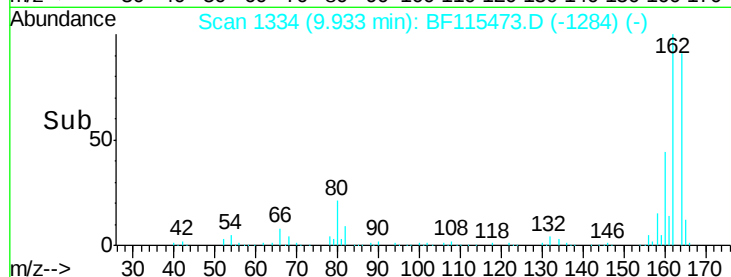
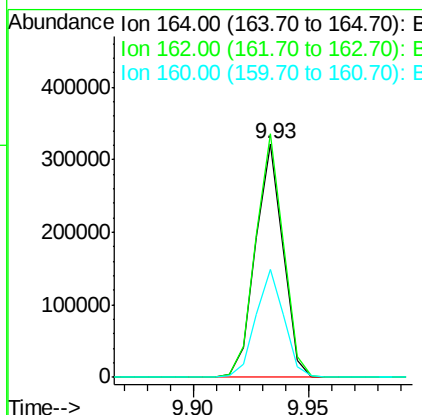
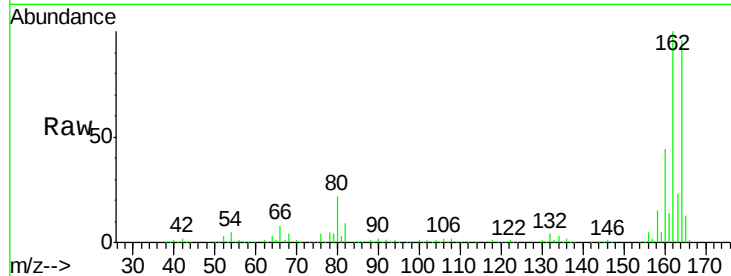
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	269140		
162	104.1	82.3	123.5	
160	46.1	37.2	55.8	

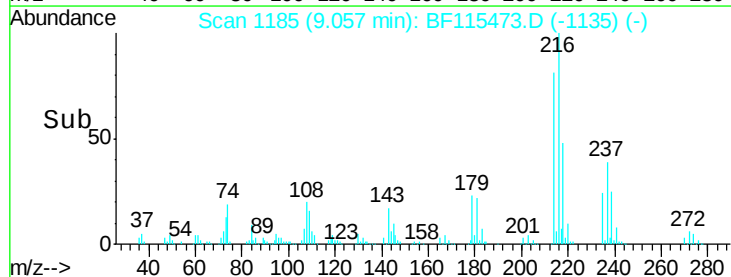
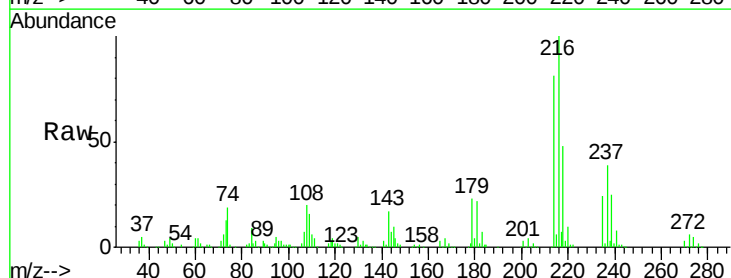
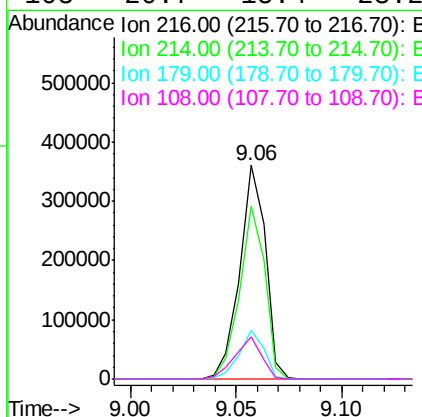
Manual Integrations
APPROVED

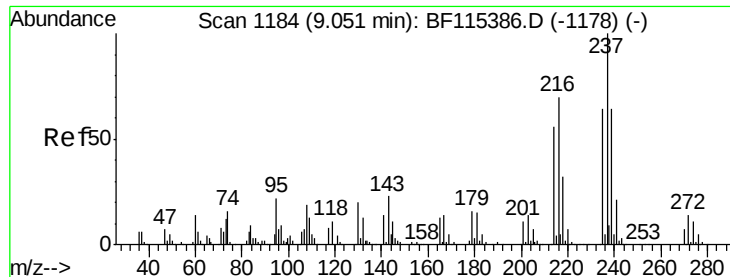
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.274 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	304087		
214	79.6	63.0	94.6	
179	22.2	17.4	26.0	
108	20.7	15.4	23.2	





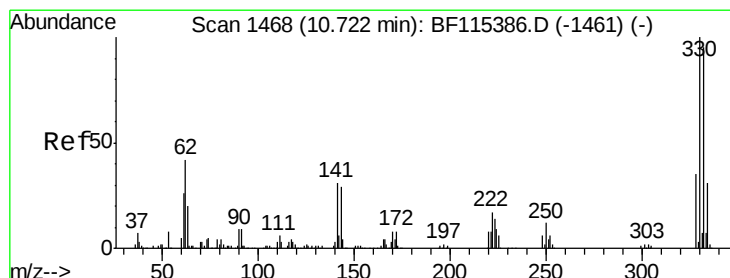
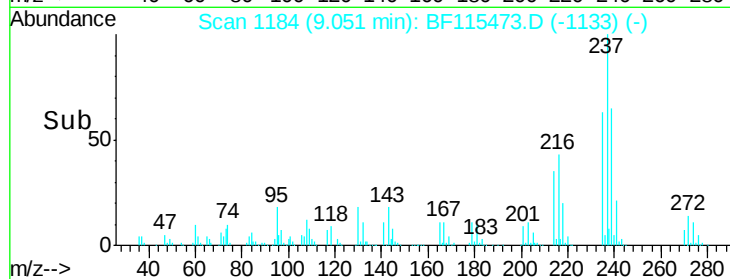
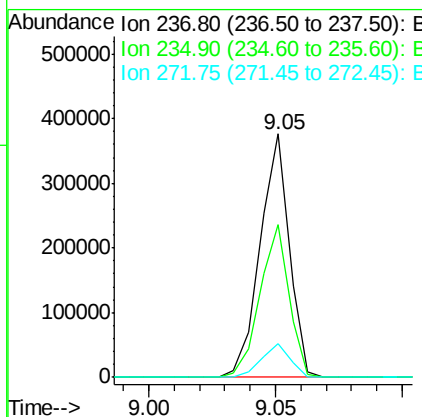
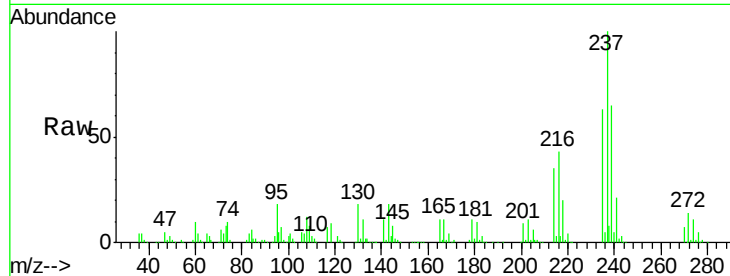
#41
Hexachlorocyclopentadiene
Concen: 67.577 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	43.4	83.4
272	13.9	0.0	33.6

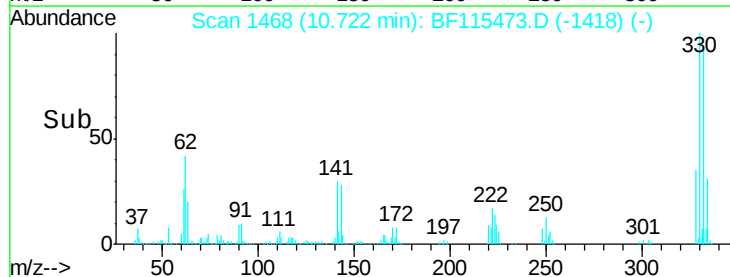
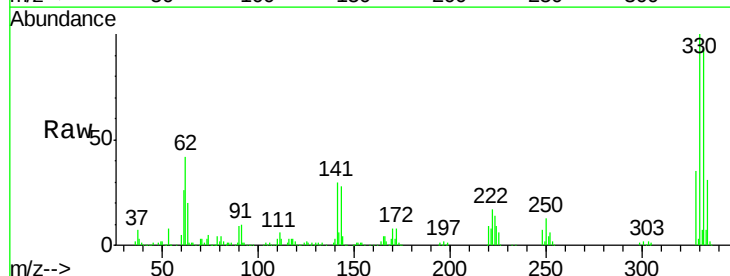
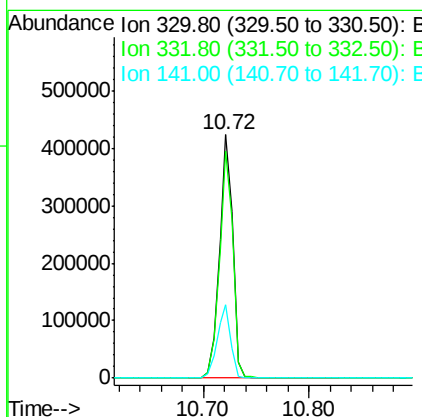
Manual Integrations
APPROVED

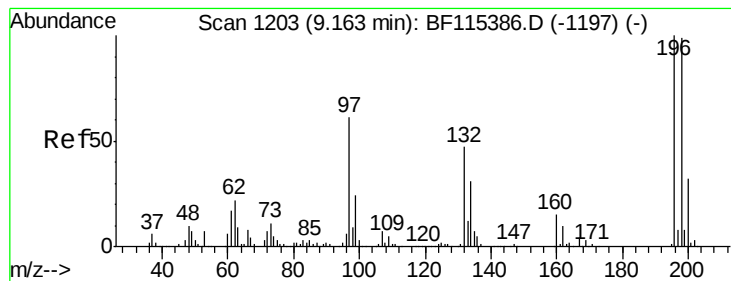
mohammad
7/11/2019 5:22:25 PM



#42
2,4,6-Tribromophenol
Concen: 127.701 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.5	77.4	116.0
141	30.6	24.7	37.1





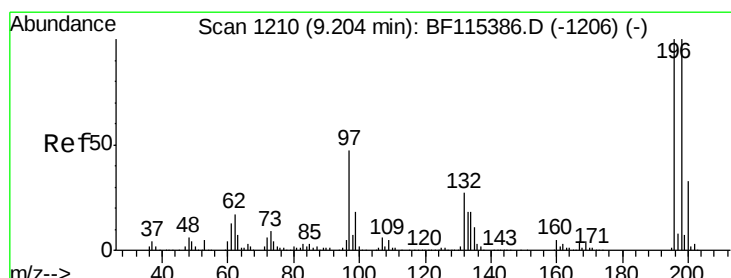
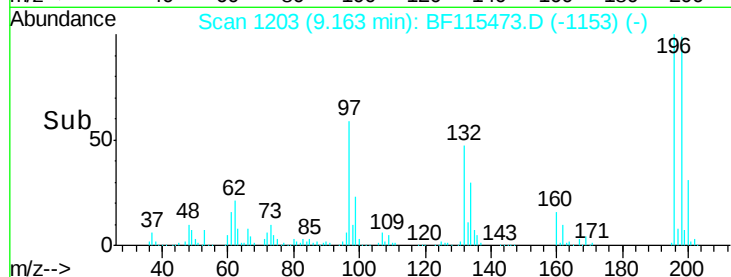
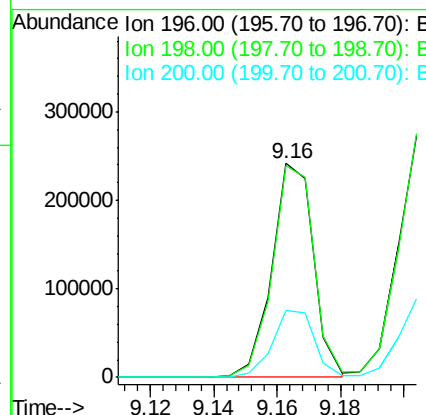
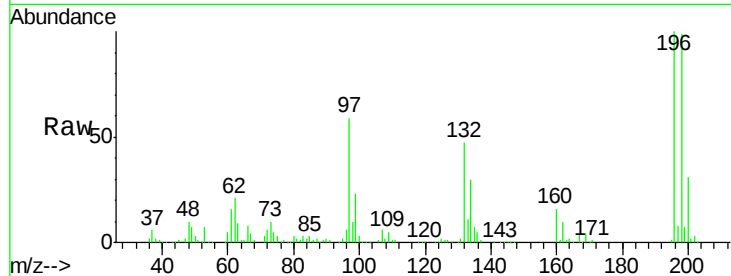
#43
 2,4,6-Trichlorophenol
 Concen: 39.063 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220195		
198	98.6	78.2	117.4	
200	31.1	25.0	37.6	

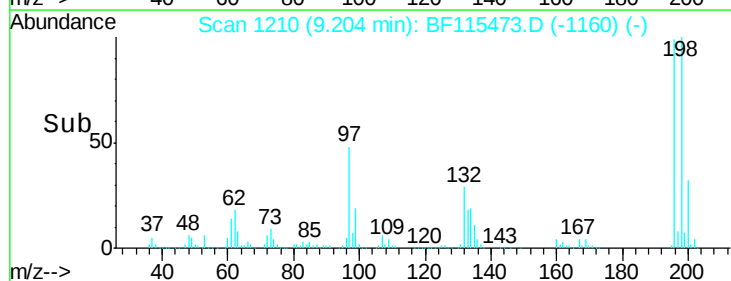
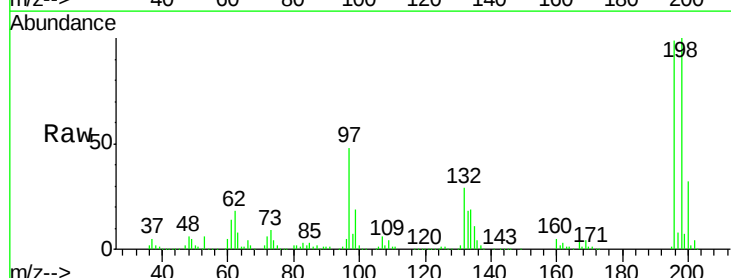
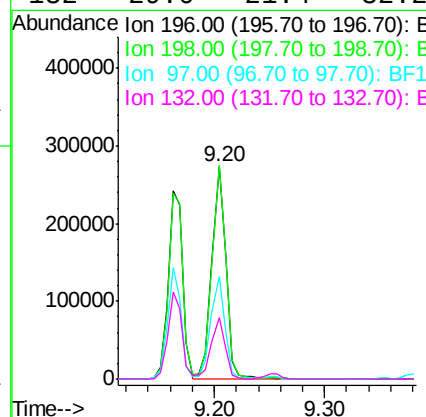
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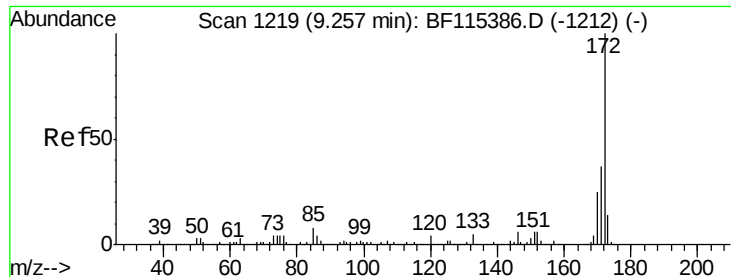
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.289 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235495		
198	100.8	80.6	120.8	
97	48.5	34.0	51.0	
132	29.0	21.4	32.2	





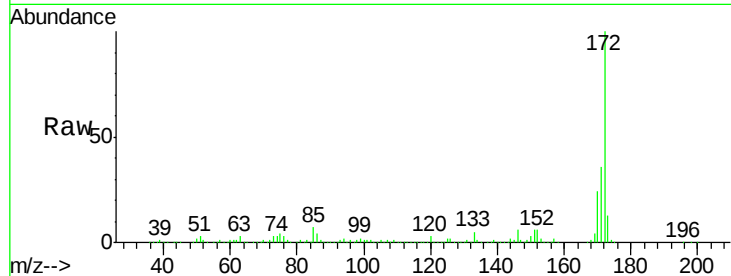
#45
2-Fluorobiphenyl
Concen: 89.211 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

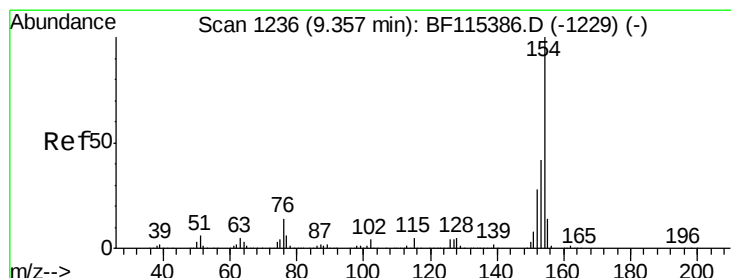
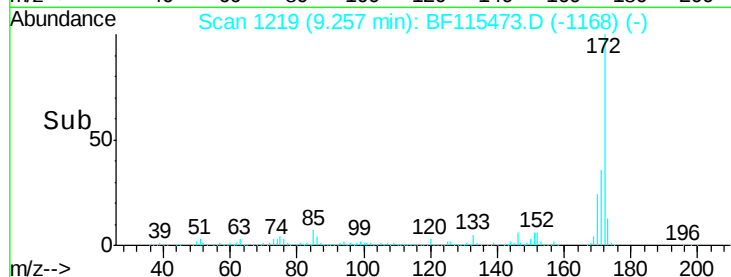
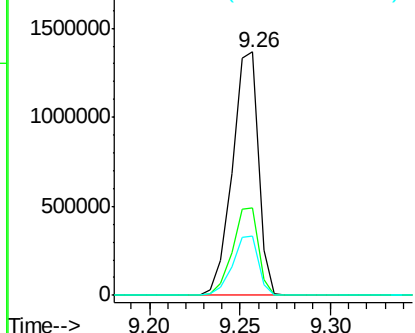
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.8
170	24.4	20.0	30.0

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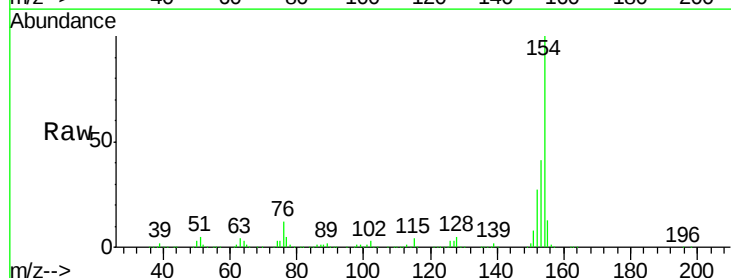


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

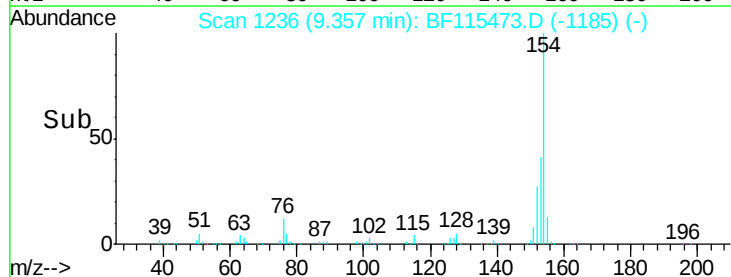
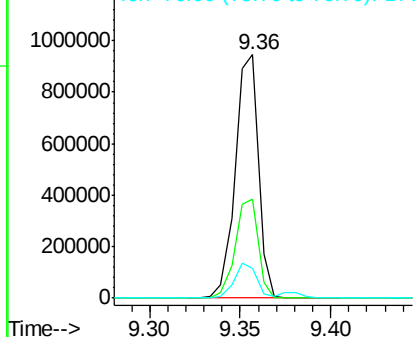


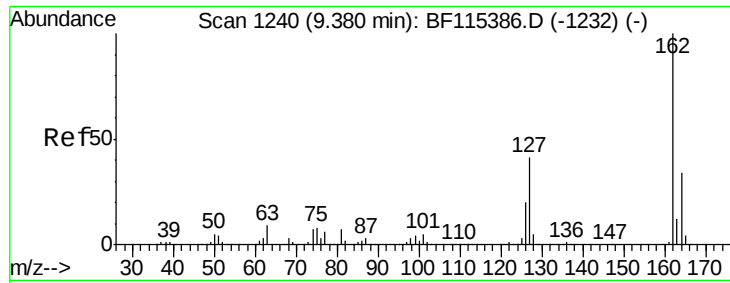
#46
1,1'-Biphenyl
Concen: 39.705 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.5	61.5
76	12.4	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





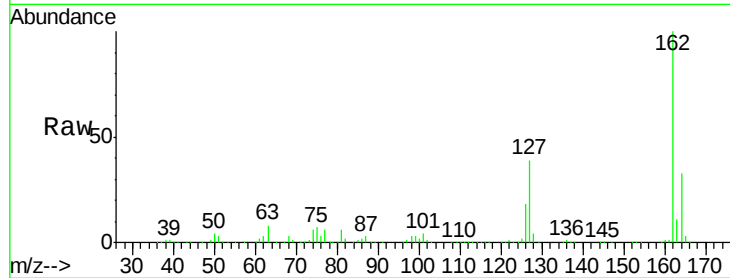
#47
 2-Chloronaphthalene
 Concen: 38.250 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

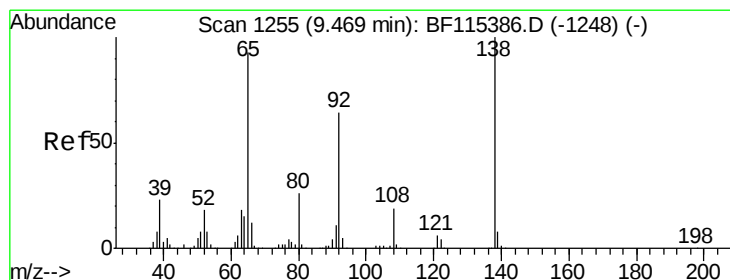
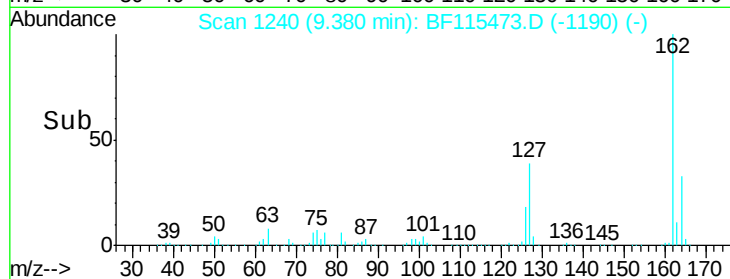
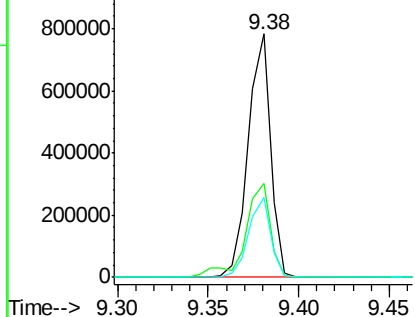
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	668873		
127	38.6	31.4	47.0	
164	32.8	27.2	40.8	

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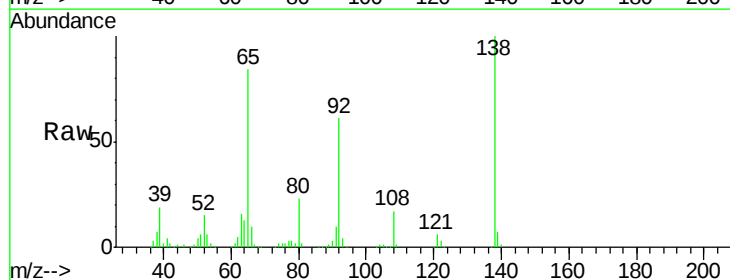


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

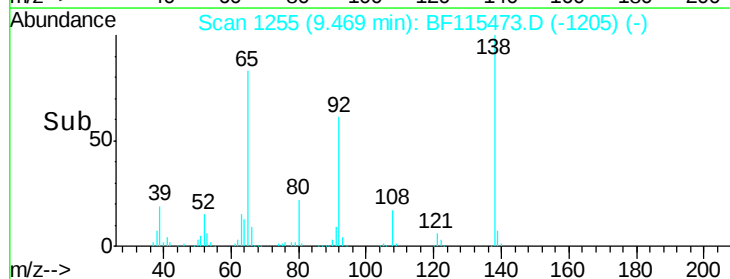
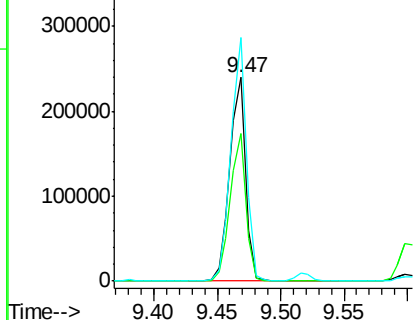


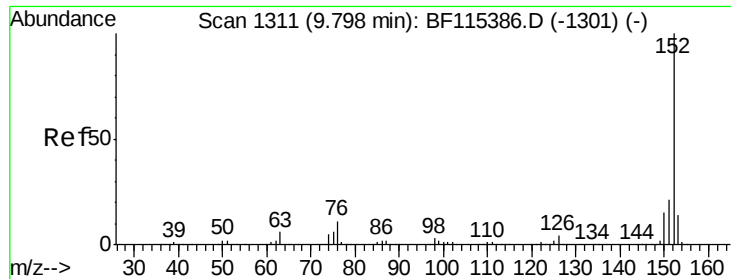
#48
 2-Nitroaniline
 Concen: 40.642 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	208806		
92	72.9	59.0	88.4	
138	119.8	98.3	147.5	



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





#49

Acenaphthylene

Concen: 38.590 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115473.D

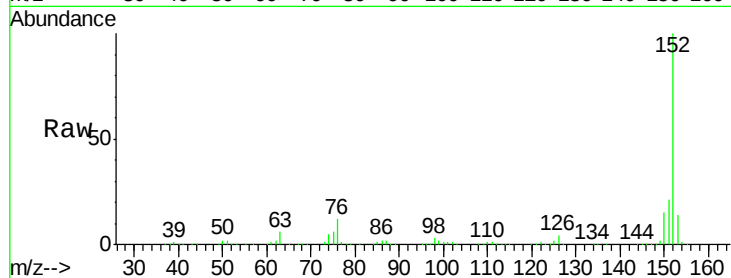
Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MSD



Tgt Ion:152 Resp: 1021713

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

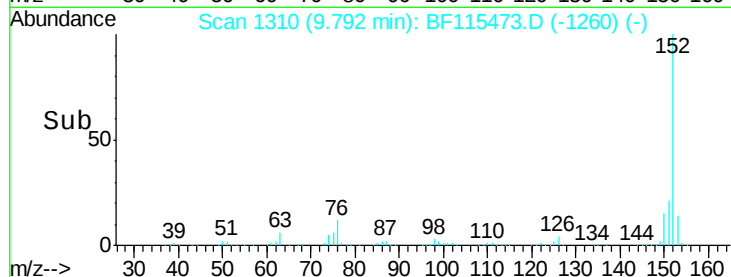
153 14.3 11.8 17.6

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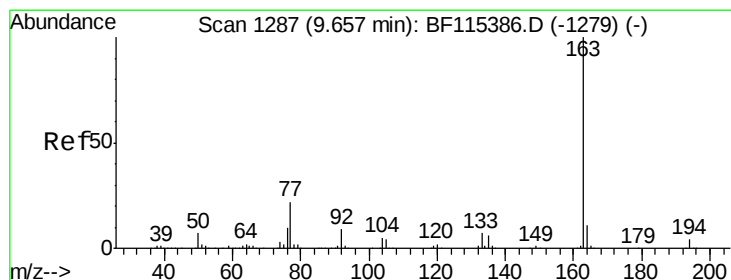
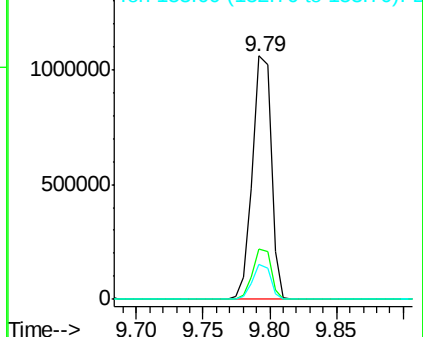
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.996 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

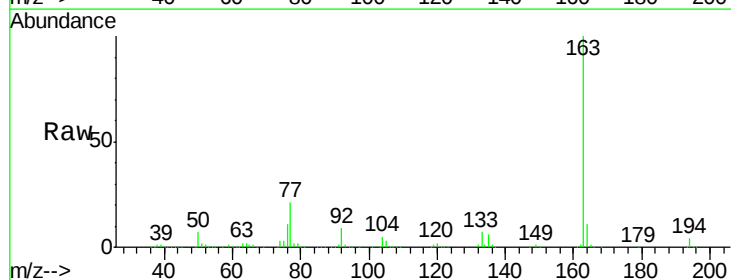
Tgt Ion:163 Resp: 1090768

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

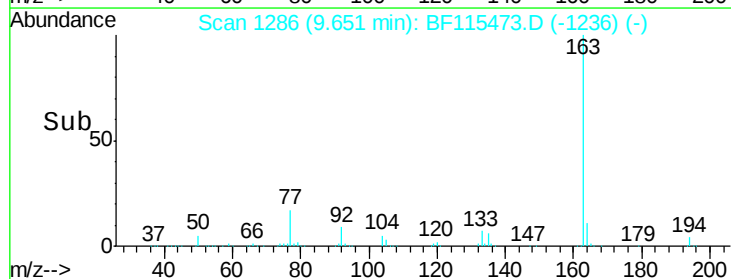
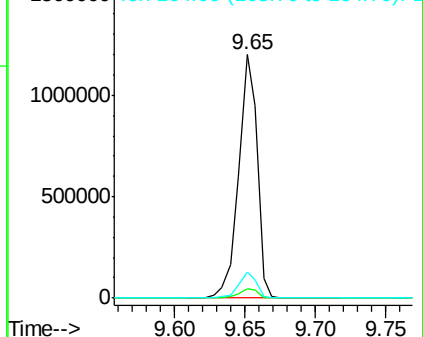
164 10.7 8.6 13.0

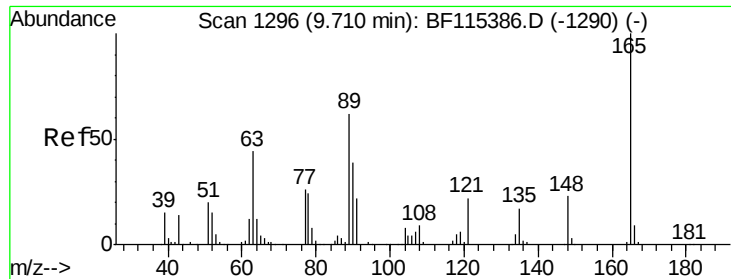


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





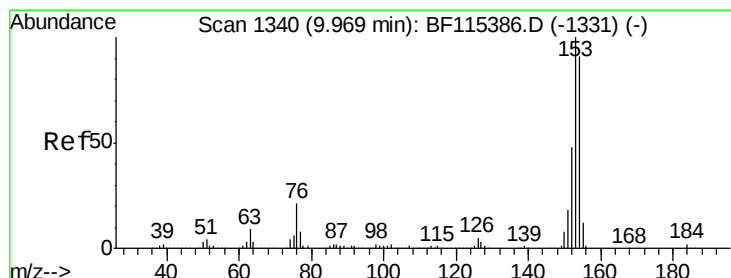
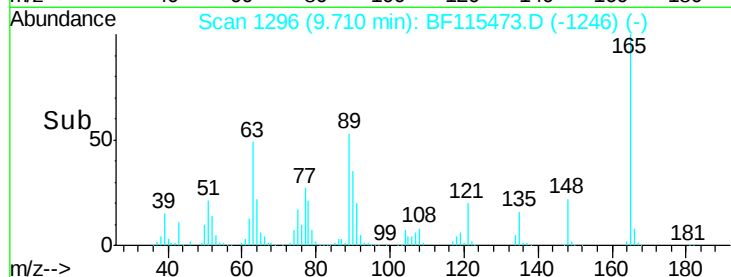
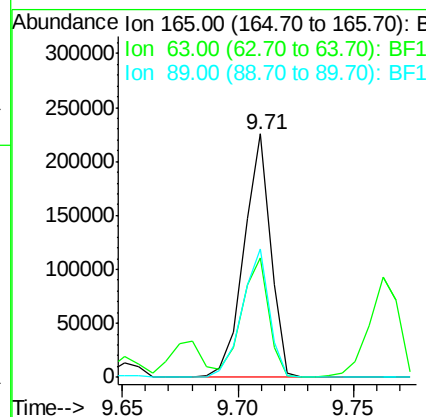
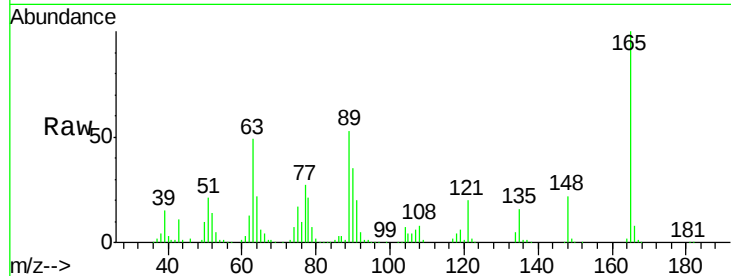
#51
2,6-Dinitrotoluene
Concen: 41.501 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.9	39.7	59.5
89	52.6	42.8	64.2

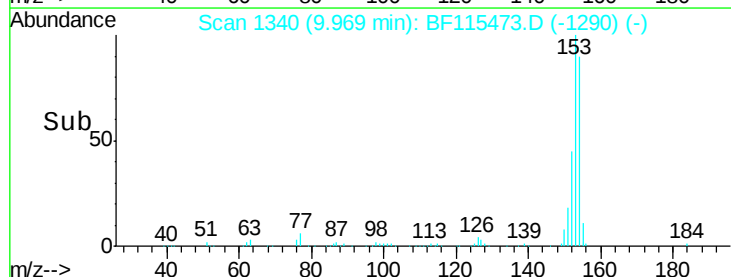
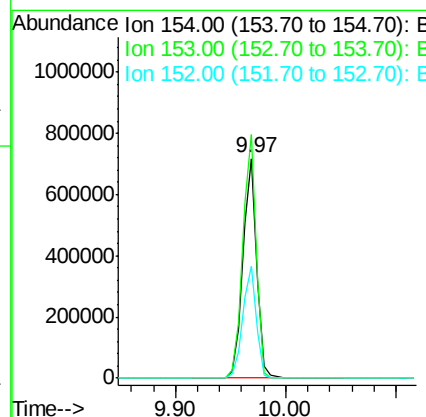
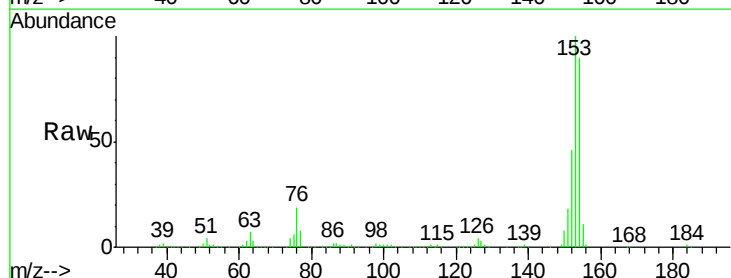
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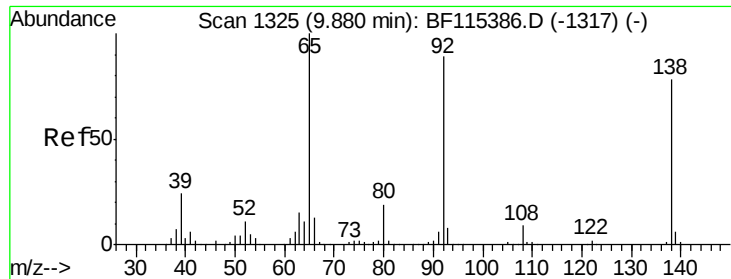
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#52
Acenaphthene
Concen: 37.720 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	110.9	89.8	134.8
152	51.2	41.4	62.0





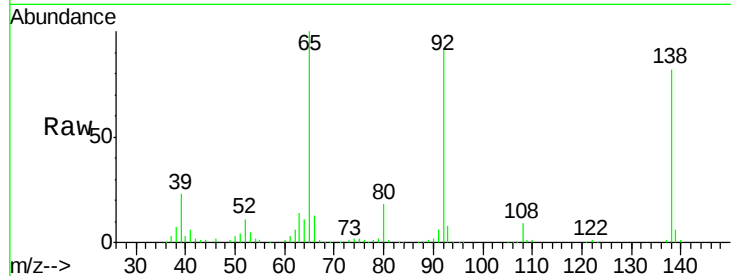
#53
3-Nitroaniline
Concen: 25.908 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

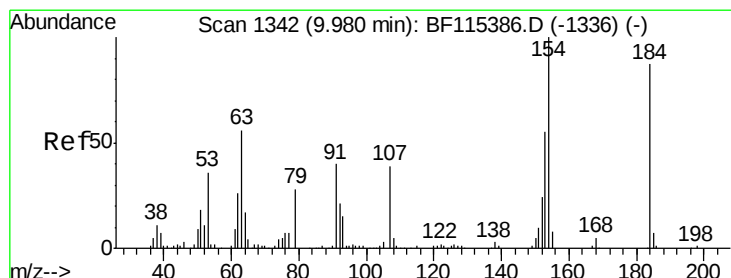
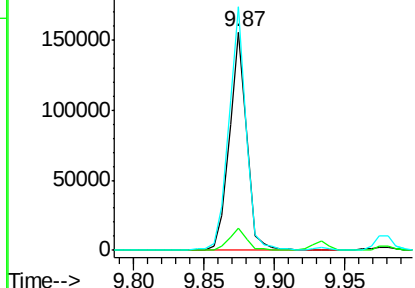
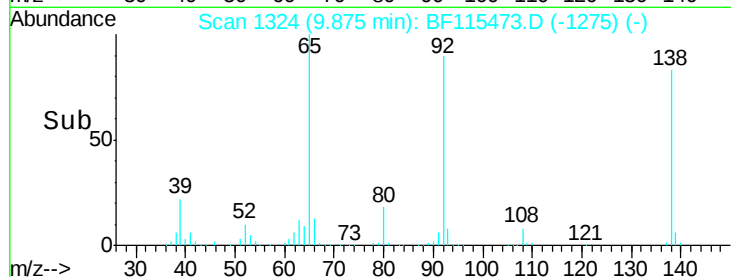
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	131834		
108	10.4	8.5	12.7	
92	111.4	86.1	129.1	

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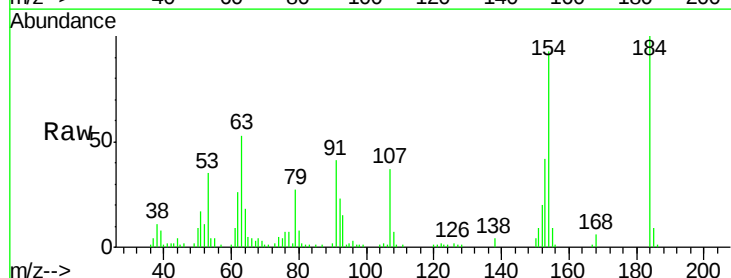


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

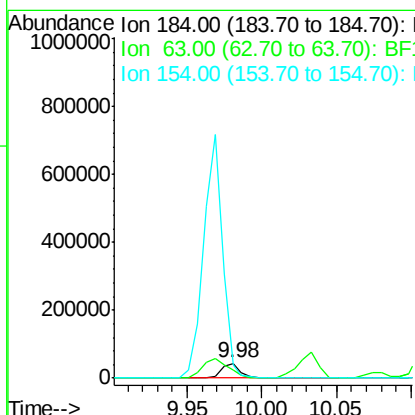
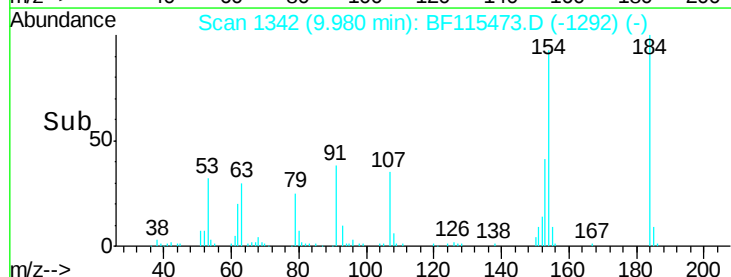


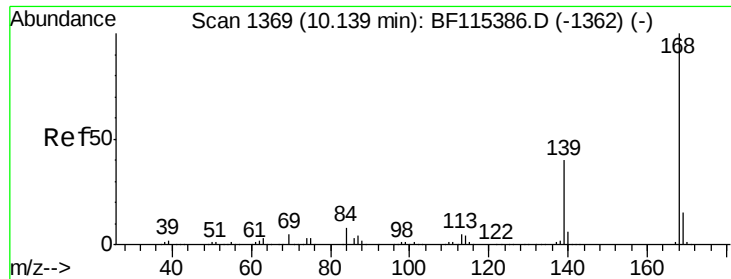
#54
2,4-Dinitrophenol
Concen: 27.887 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	39176		
63	53.1	45.8	68.6	
154	92.9	52.8	79.2#	



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





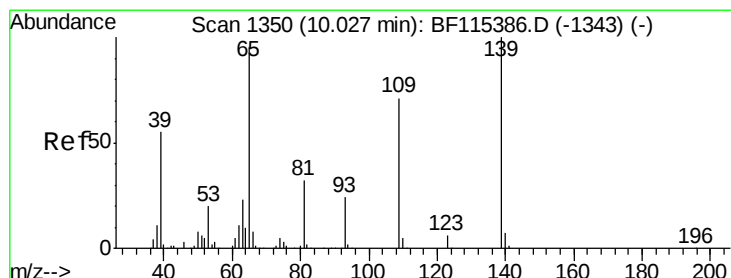
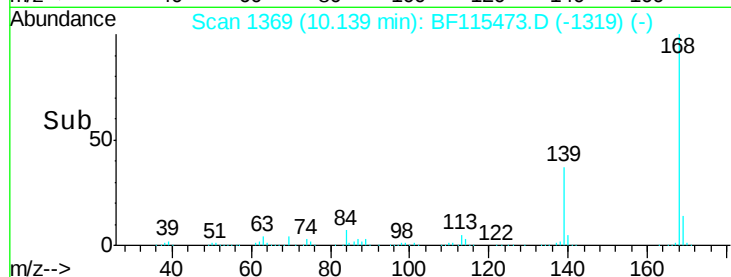
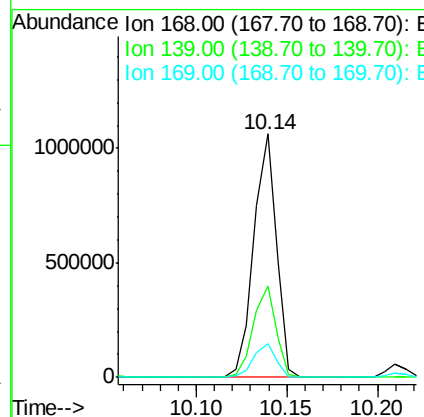
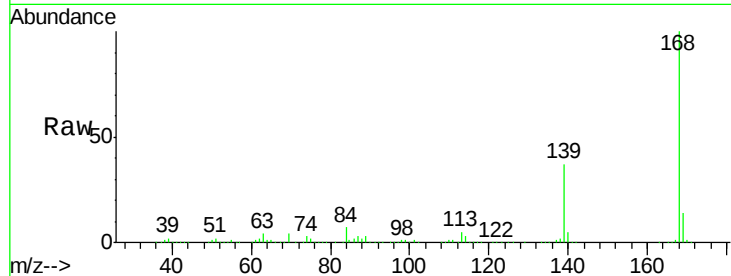
#55
Dibenzenofuran
Concen: 39.381 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	924351		
139	37.4	30.6	46.0	
169	13.8	11.0	16.6	

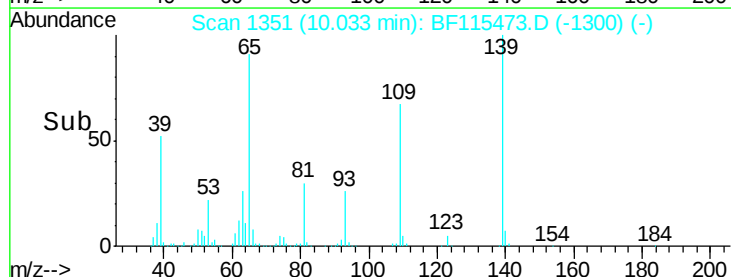
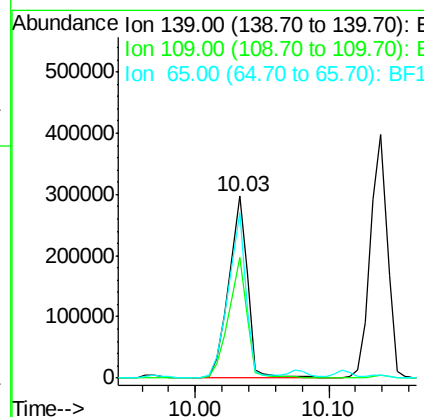
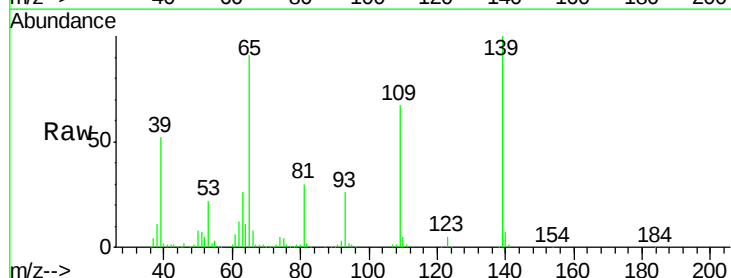
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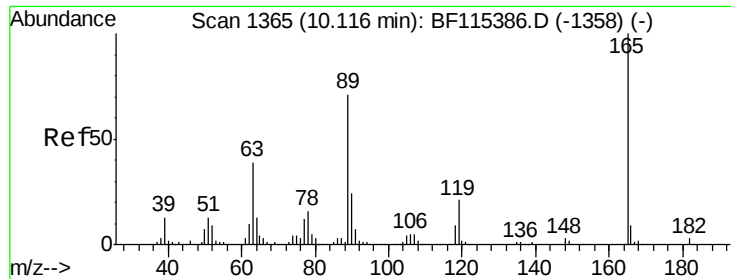
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#56
4-Nitrophenol
Concen: 75.656 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	297845		
109	66.7	46.4	86.4	
65	91.3	73.4	113.4	





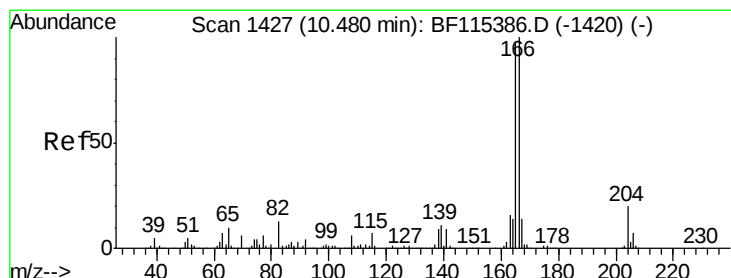
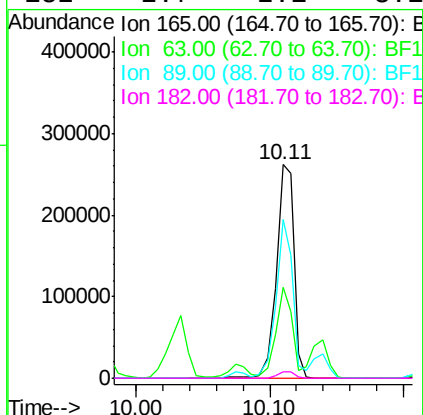
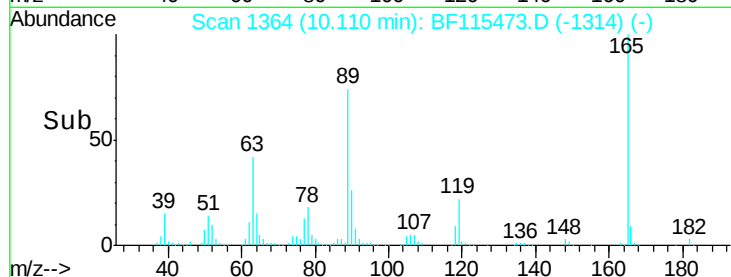
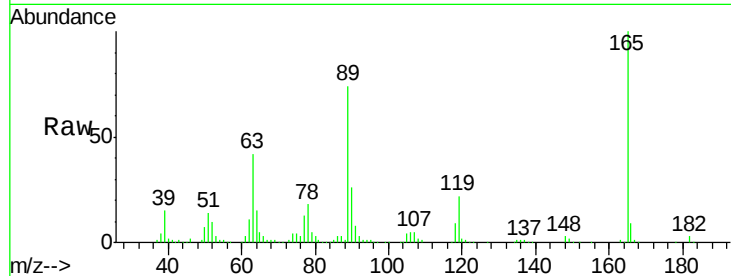
#57
2,4-Dinitrotoluene
Concen: 43.779 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	243751		
63	42.3	33.0	49.4	
89	74.4	58.5	87.7	
182	2.7	2.1	3.1	

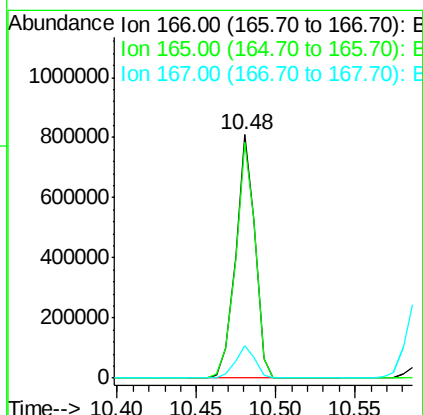
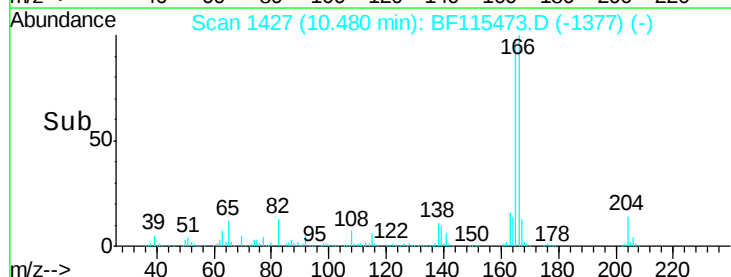
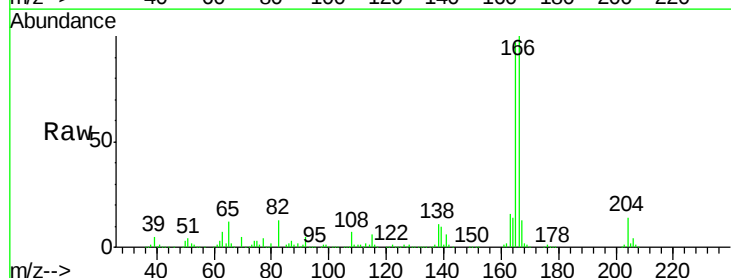
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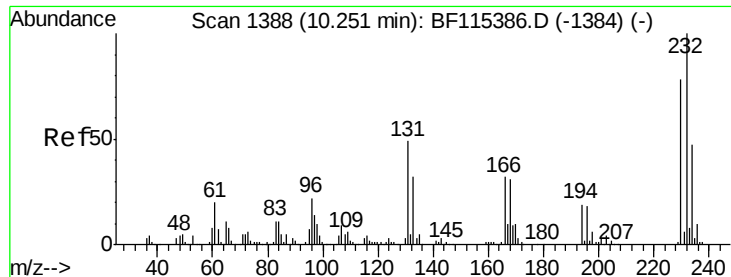
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#58
Fluorene
Concen: 36.709 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	679226		
165	96.7	78.7	118.1	
167	13.4	10.8	16.2	





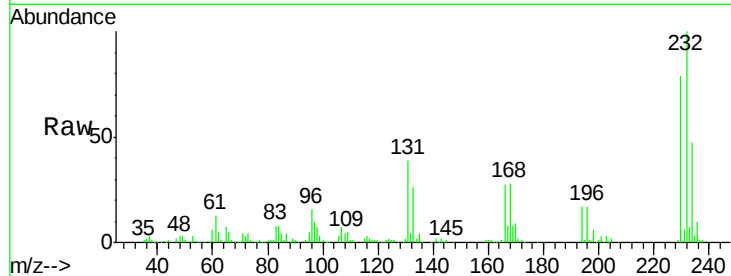
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.499 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	194394		
131	43.6	35.4	53.0	
130	2.2	1.7	2.5	
166	30.0	24.8	37.2	

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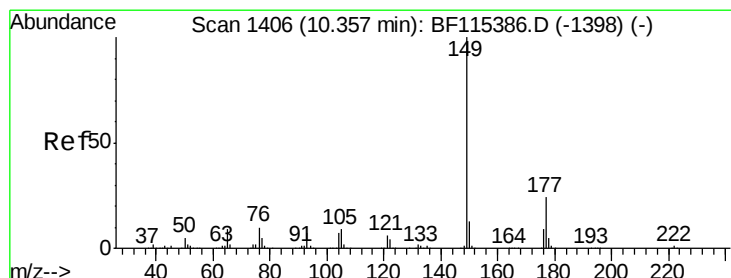
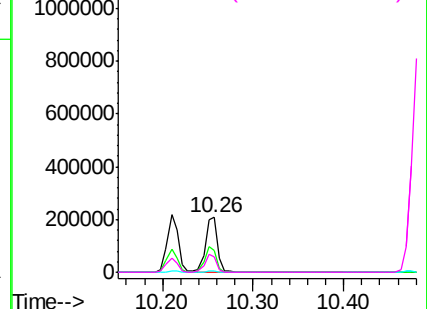
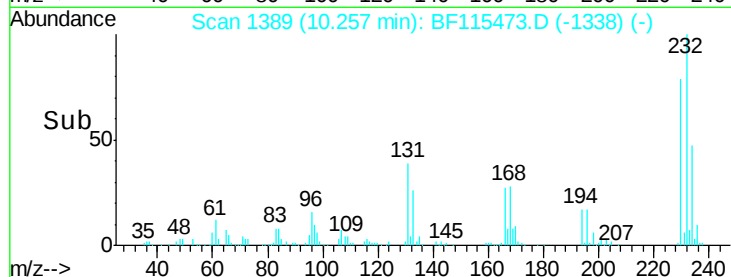
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

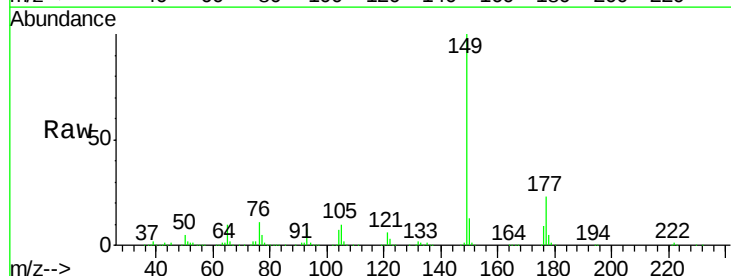
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.326 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	742175		
177	23.0	19.0	28.4	
150	12.9	10.4	15.6	

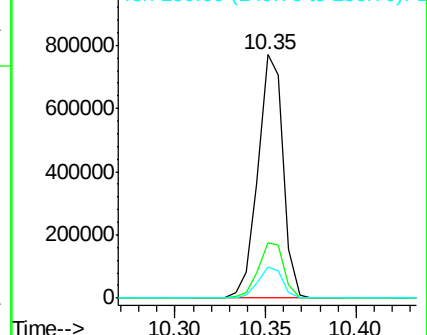
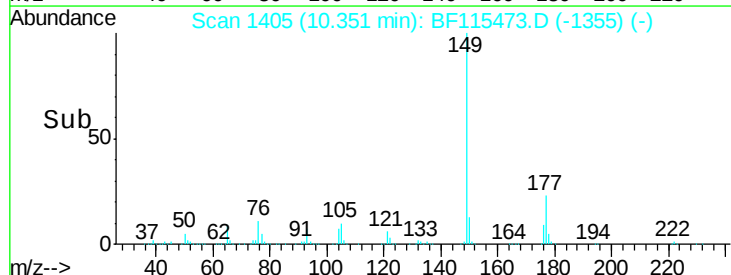


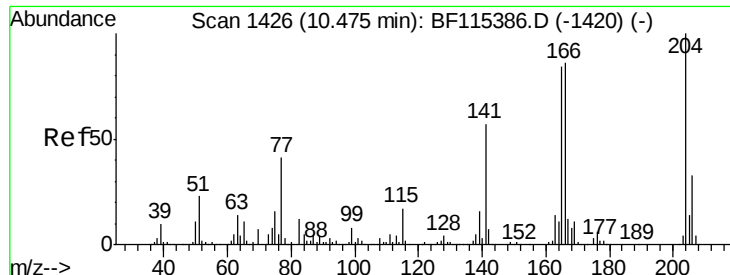
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





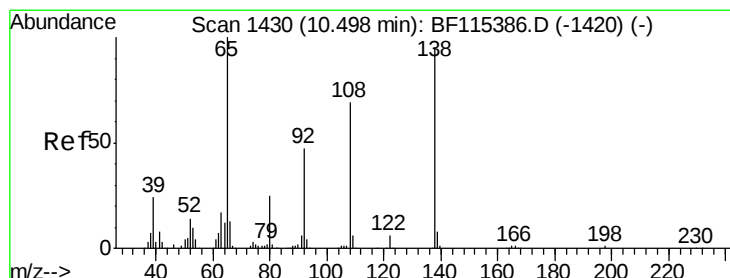
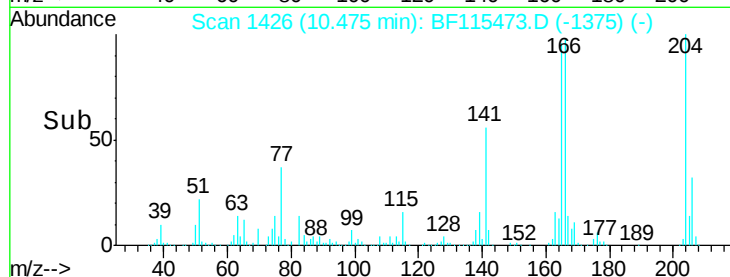
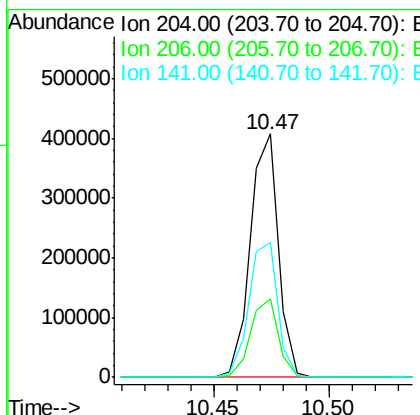
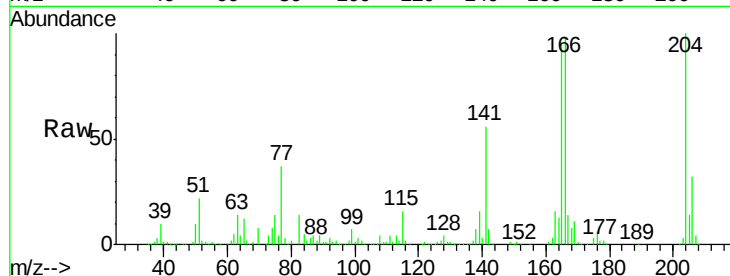
#61
 4-Chlorophenyl-phenylether
 Concen: 38.302 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345908		
206	32.5	26.8	40.2	
141	55.6	47.9	71.9	

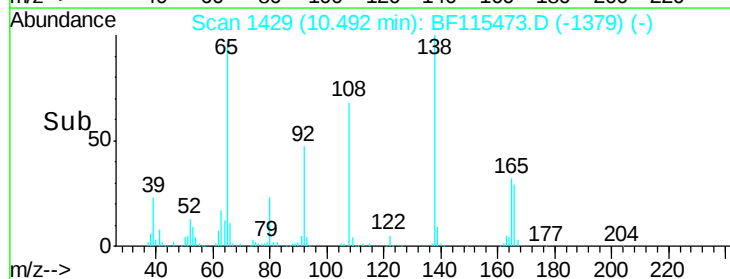
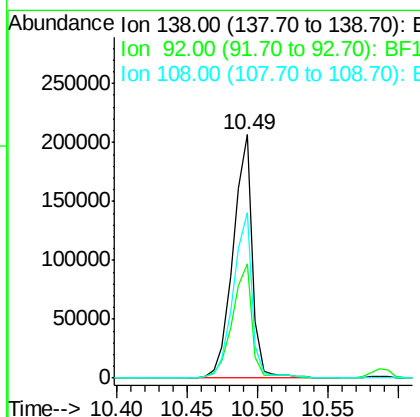
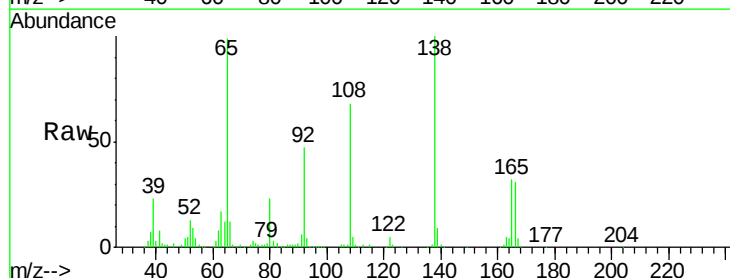
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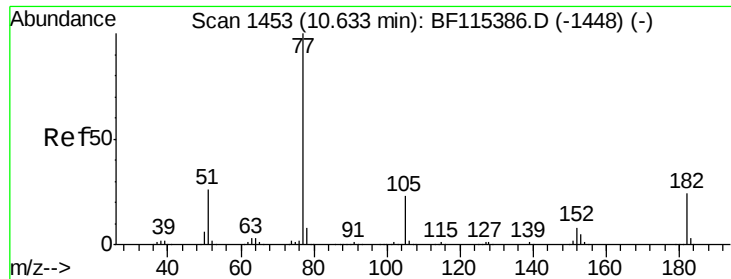
mohammad
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#62
 4-Nitroaniline
 Concen: 39.301 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	196296		
92	46.9	29.9	69.9	
108	68.1	49.0	89.0	





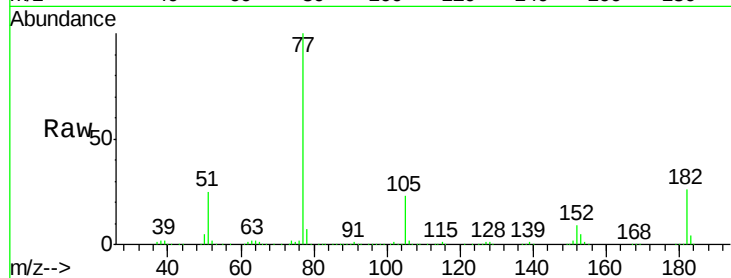
#63
Azobenzene
Concen: 35.955 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

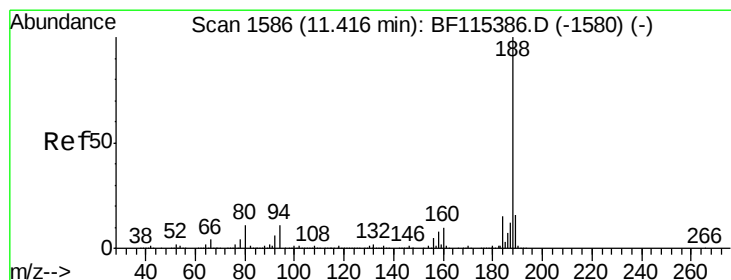
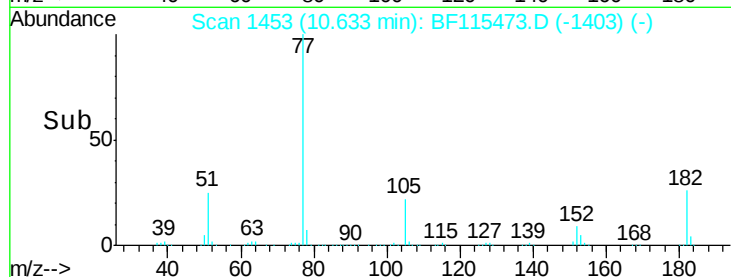
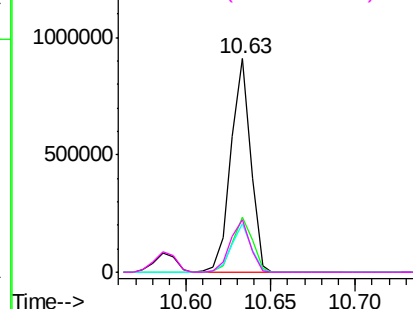
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	7.7	47.7
105	22.7	3.6	43.6
51	24.9	4.8	44.8

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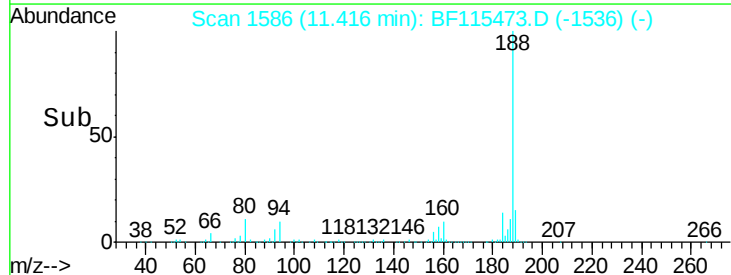
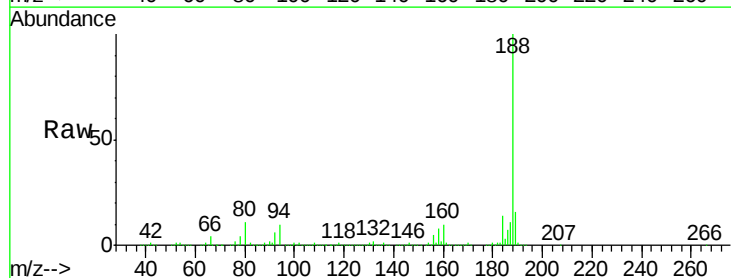
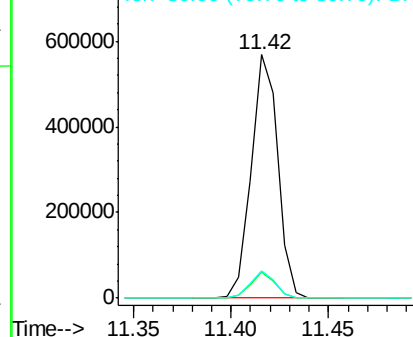
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.8	11.8
80	11.4	8.4	12.6

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





#65

4,6-Dinitro-2-methylphenol

Concen: 33.676 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

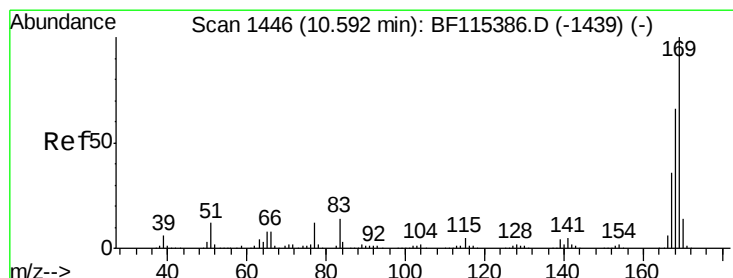
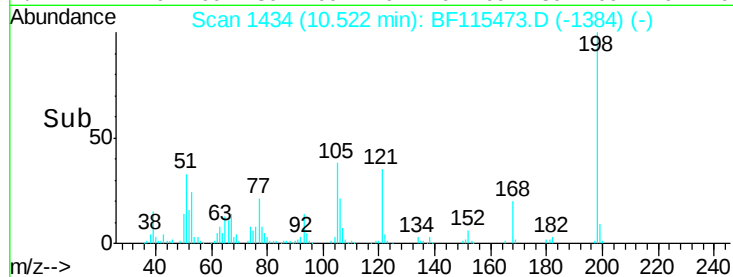
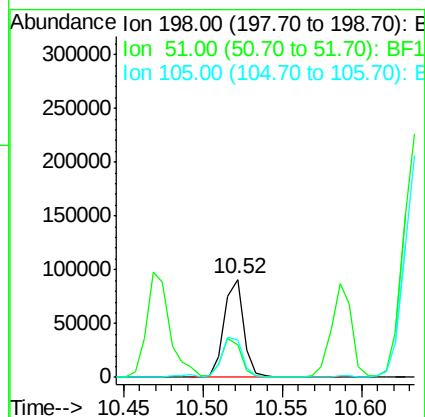
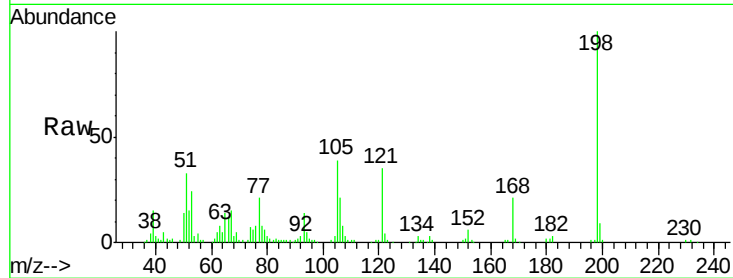
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	198	Resp:	79131
Ion Ratio	Lower	Upper	
198	100		
51	32.6	20.7	60.7
105	38.7	25.3	65.3

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#66

n-Nitrosodiphenylamine

Concen: 38.010 ng

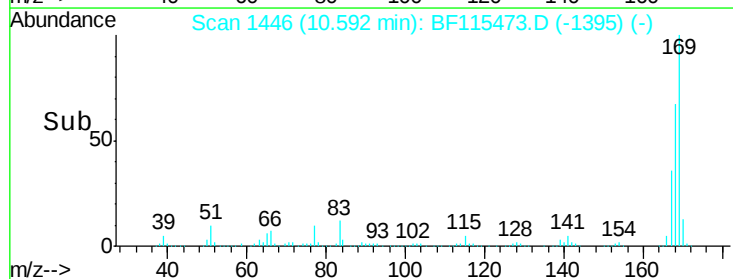
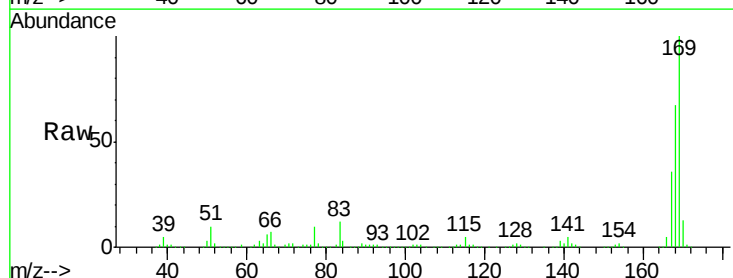
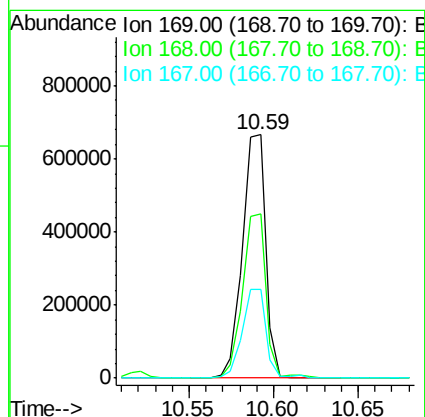
RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	169	Resp:	640773
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.2	79.8
167	36.4	29.4	44.2





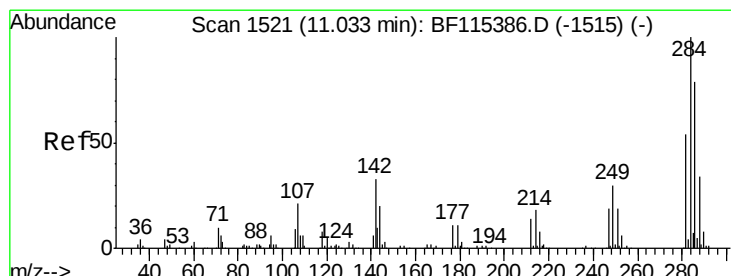
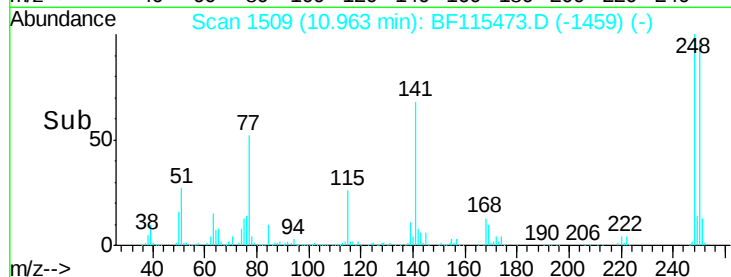
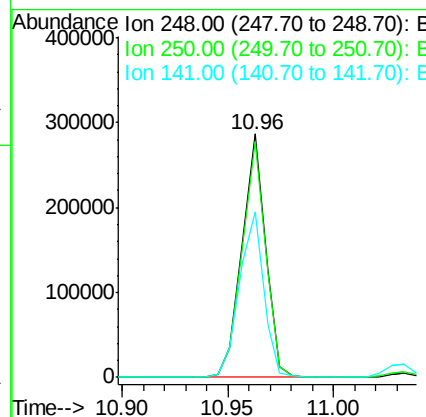
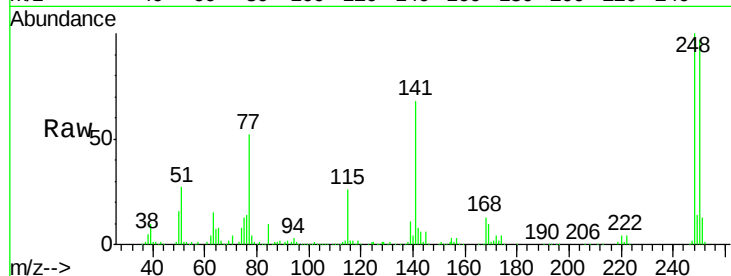
#67
 4-Bromophenyl-phenylether
 Concen: 36.751 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	67.9	52.2	78.2

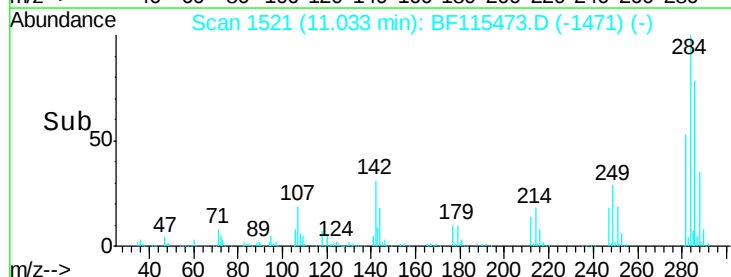
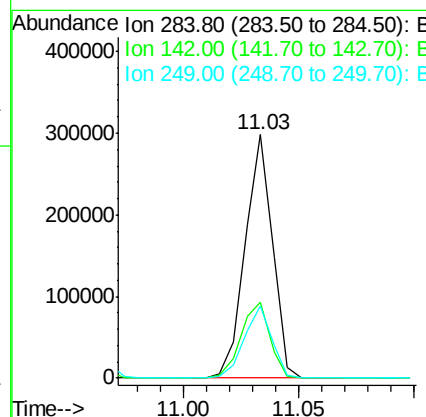
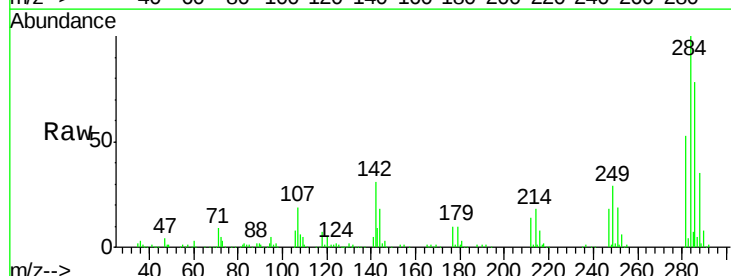
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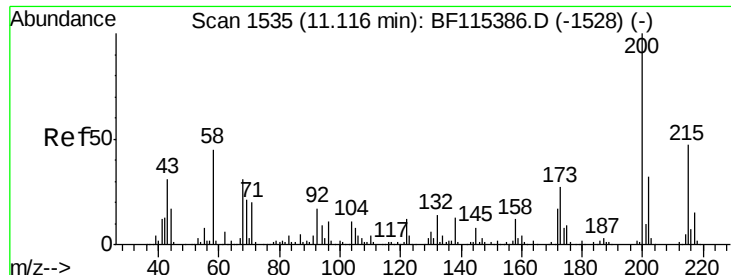
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#68
 Hexachlorobenzene
 Concen: 36.570 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	23.9	35.9
249	29.5	23.6	35.4





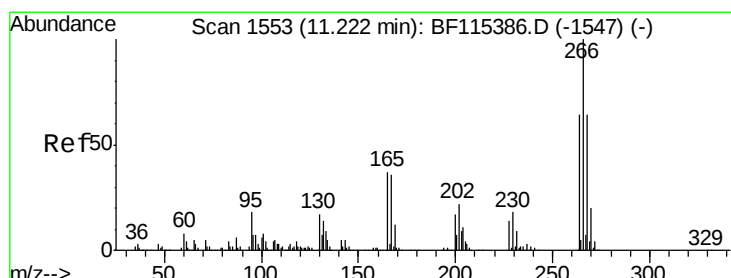
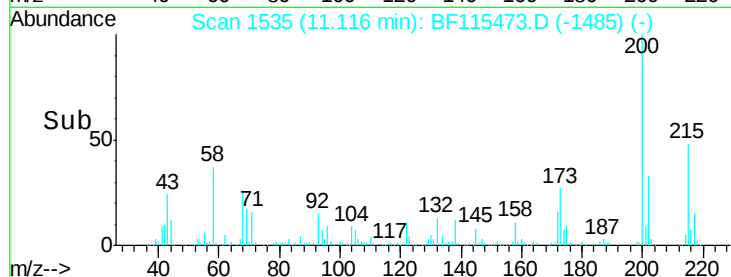
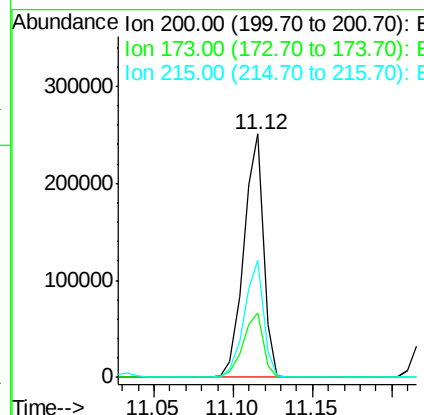
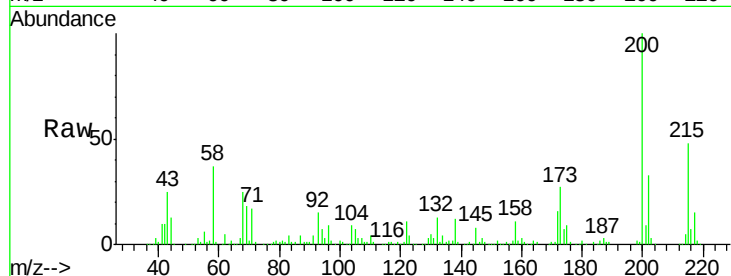
#69
Atrazine
Concen: 41.368 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	215826		
173	26.5	7.0	47.0	
215	47.8	27.8	67.8	

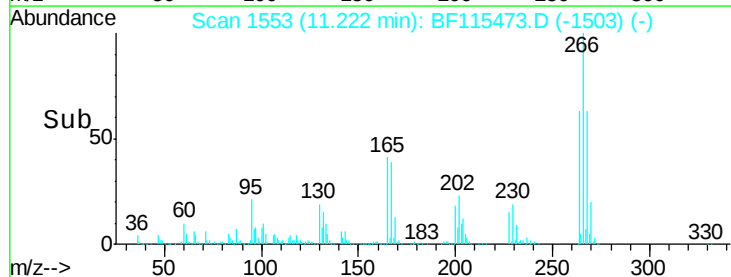
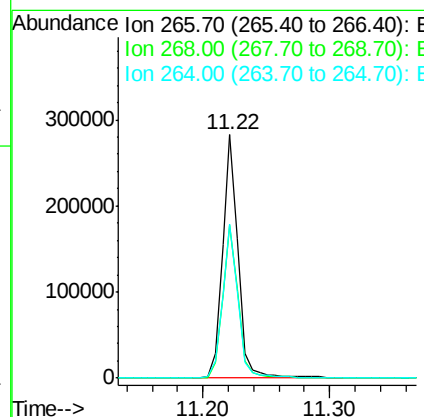
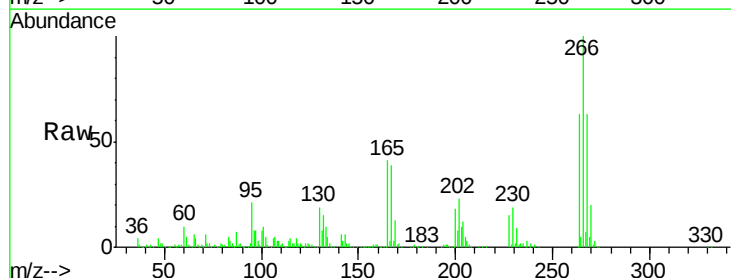
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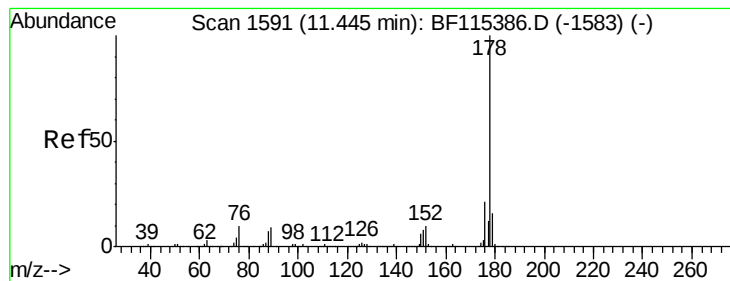
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#70
Pentachlorophenol
Concen: 59.976 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	246235		
268	62.7	51.2	76.8	
264	63.4	50.6	75.8	





#71

Phenanthrene

Concen: 37.891 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

ClientSampleId :

COMP-1_070919MSD

Tgt Ion:178 Resp: 1066206

Ion Ratio Lower Upper

178 100

176 19.8 16.6 24.8

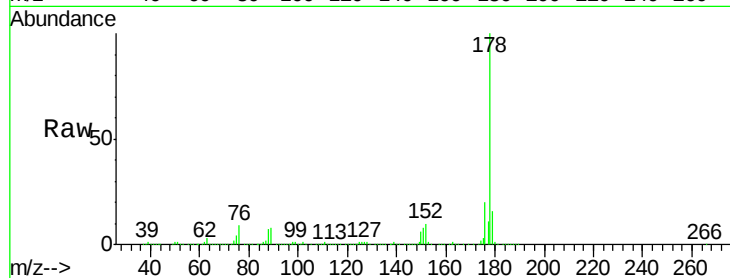
179 15.7 12.7 19.1

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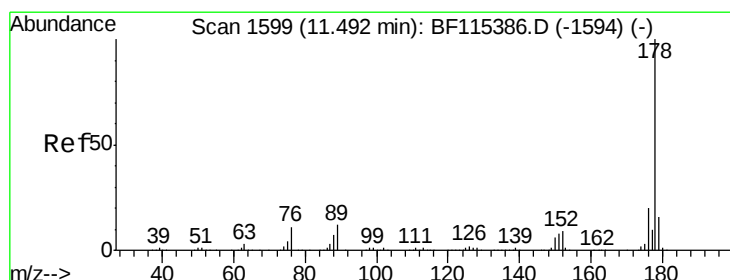
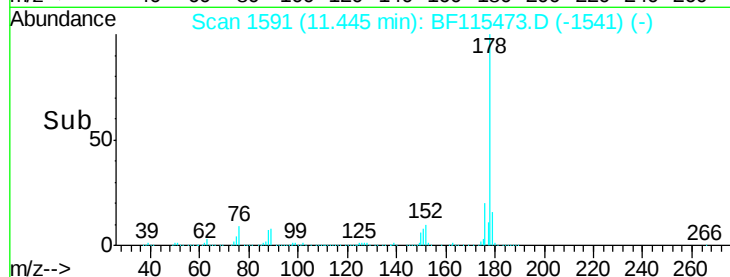
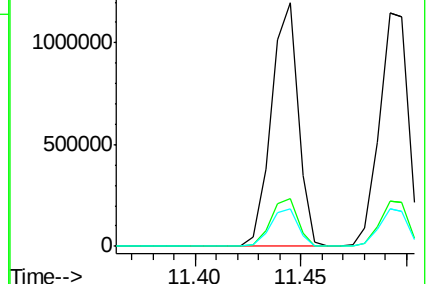
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.171 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:178 Resp: 1105287

Ion Ratio Lower Upper

178 100

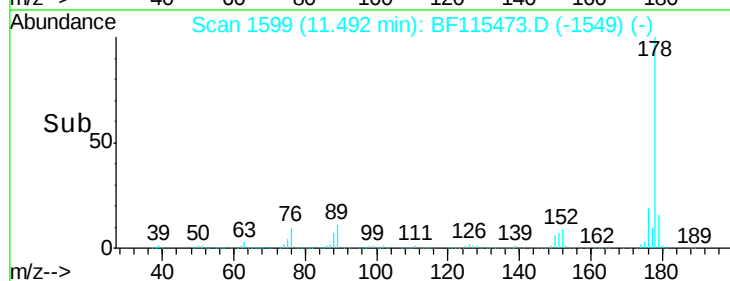
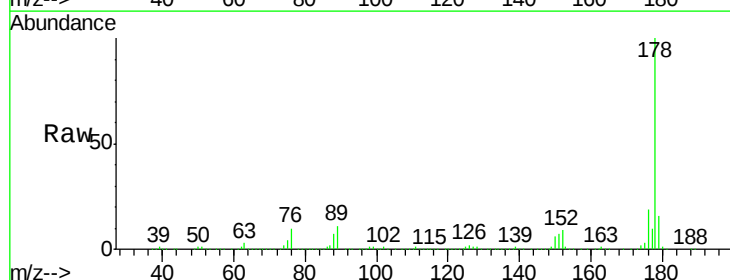
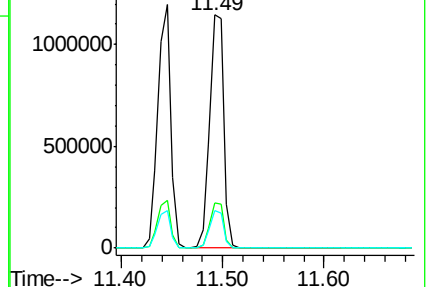
176 19.2 15.8 23.6

179 16.0 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





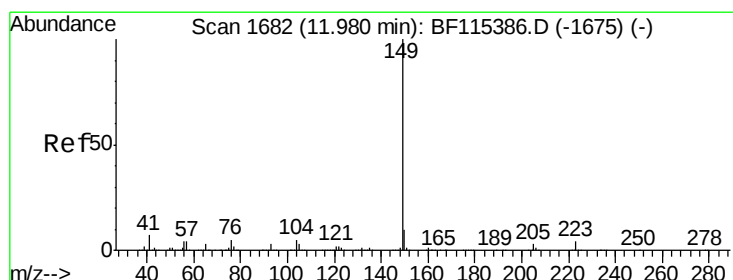
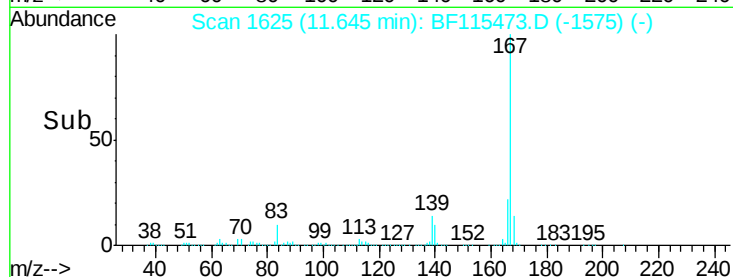
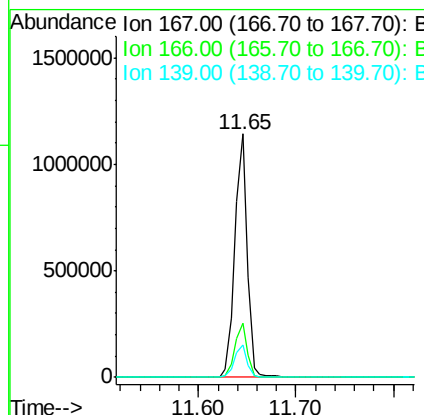
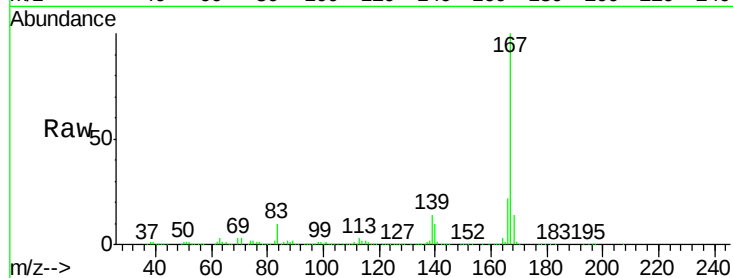
#73
 Carbazole
 Concen: 39.104 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.5	10.9	16.3

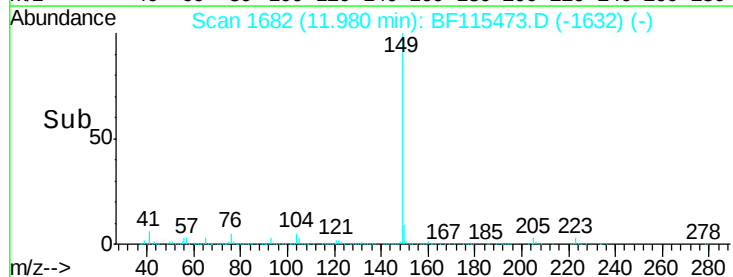
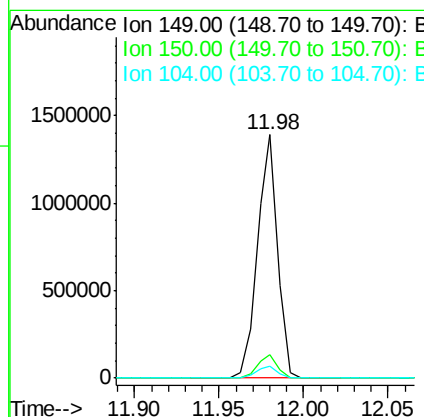
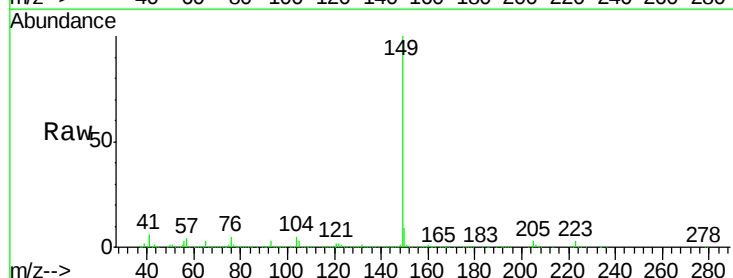
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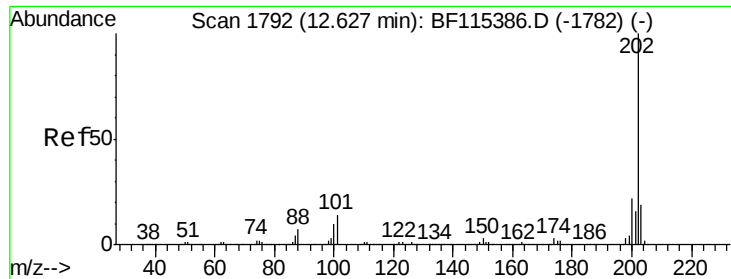
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#74
 Di-n-butylphthalate
 Concen: 36.932 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 38.159 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

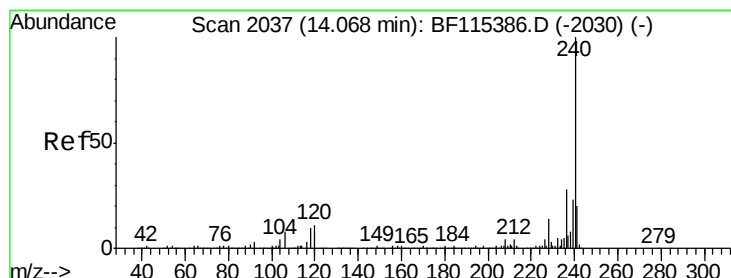
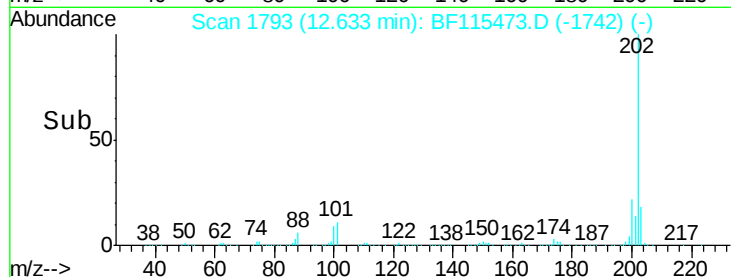
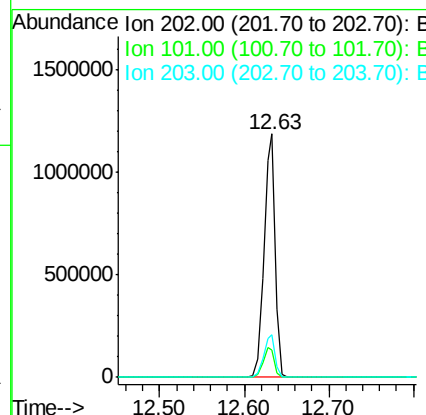
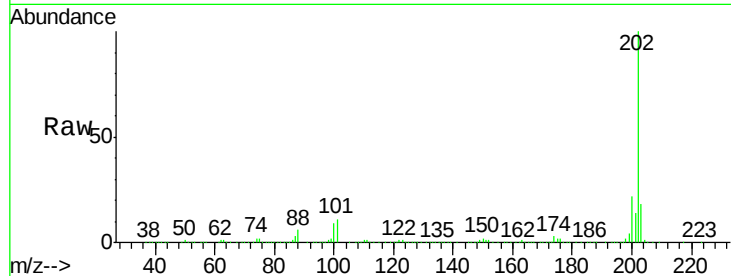
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	202	Resp:	1130580
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	33.9
203	17.7	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

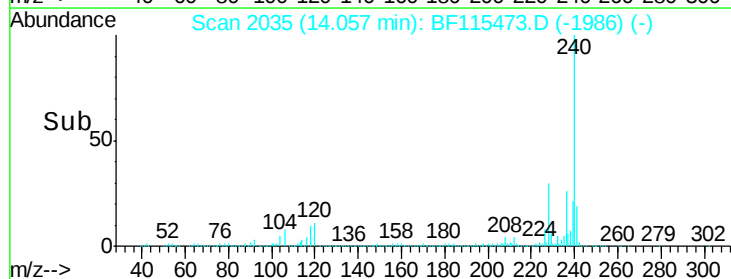
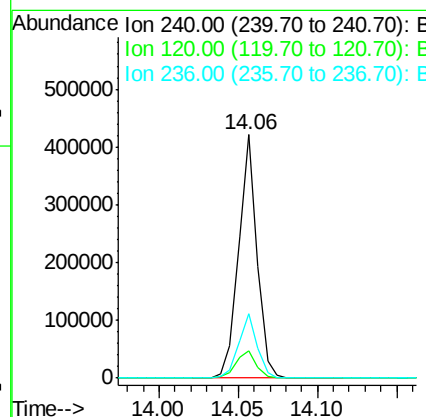
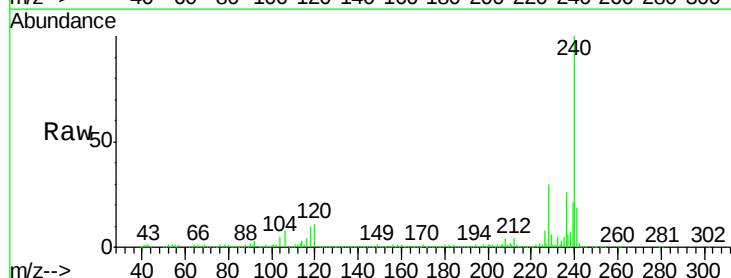
RT: 14.06 min Scan# 2035

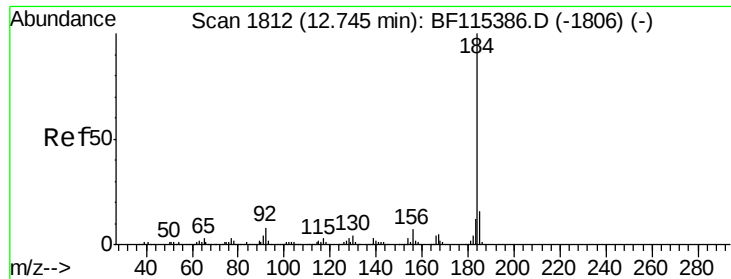
Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	240	Resp:	339820
Ion Ratio	Lower	Upper	
240	100		
120	11.2	10.2	15.4
236	26.3	21.1	31.7





#77

Benzidine

Concen: 33.915 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

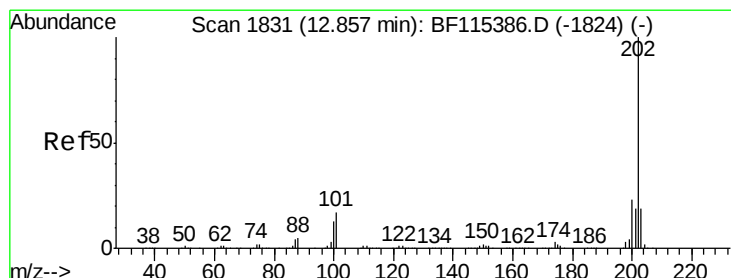
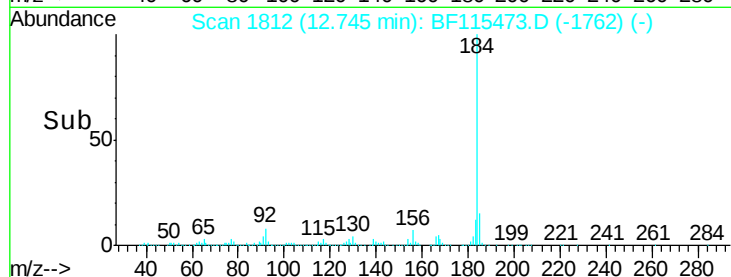
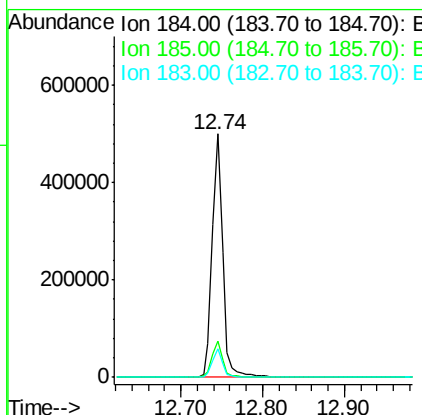
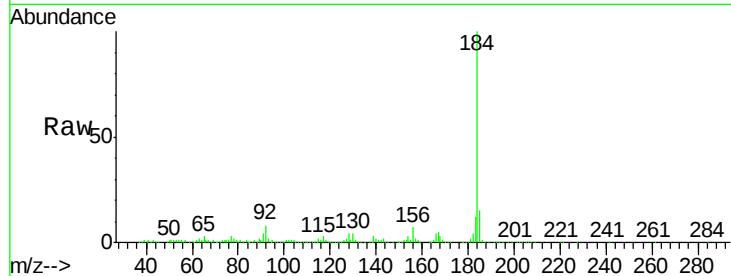
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	184	Resp:	449431
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.0	19.6
183	12.0	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 42.829 ng

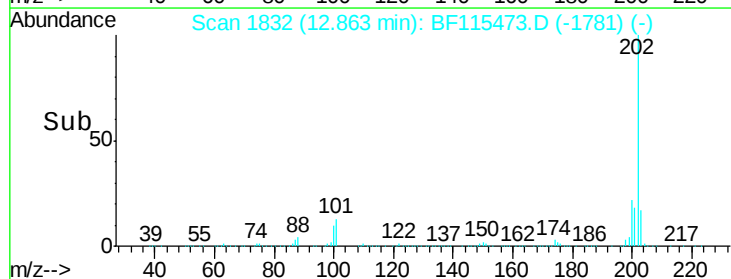
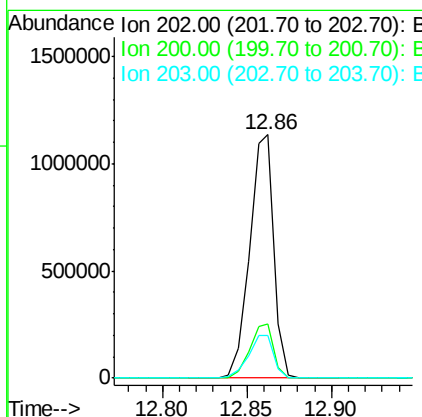
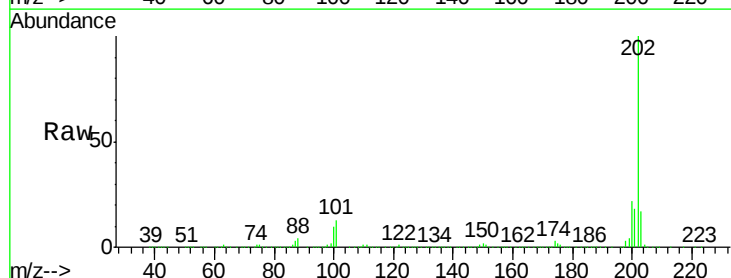
RT: 12.86 min Scan# 1832

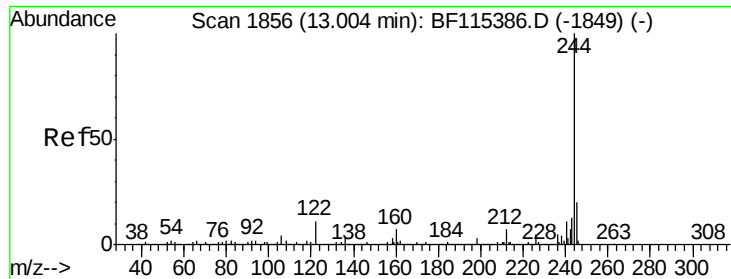
Delta R.T. 0.00 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	202	Resp:	1131794
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	17.3	14.7	22.1





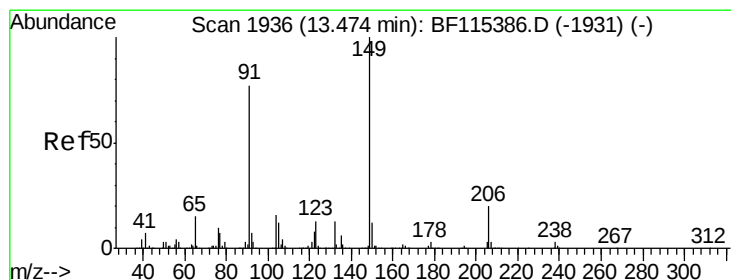
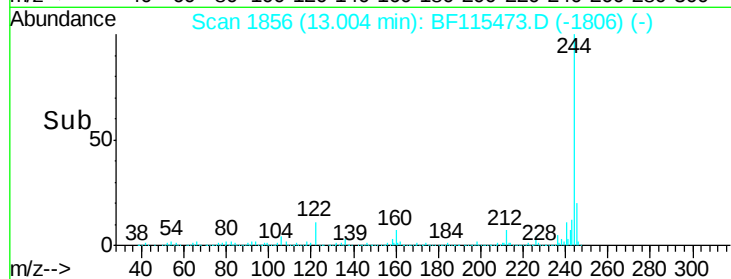
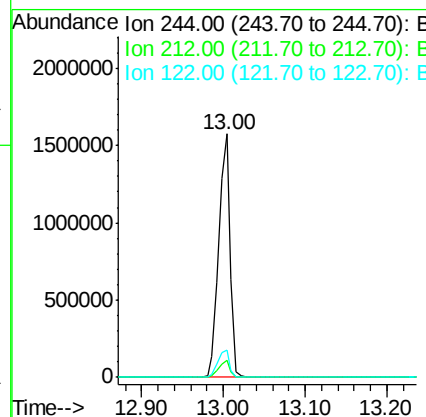
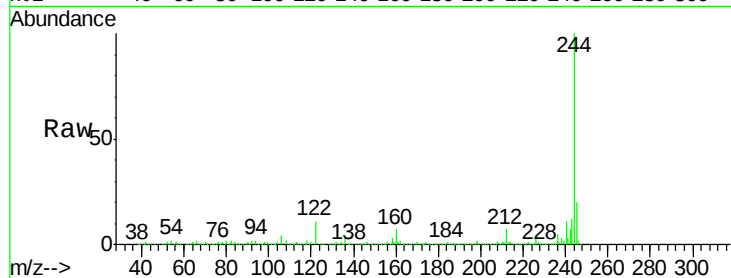
#79
 Terphenyl-d14
 Concen: 91.887 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1_070919MSD

Tgt Ion: 244 Resp: 1525020
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.1 9.1 13.7

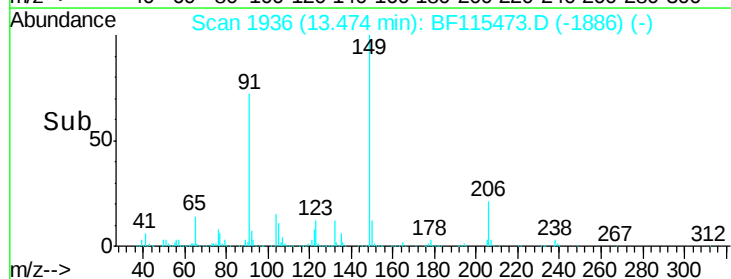
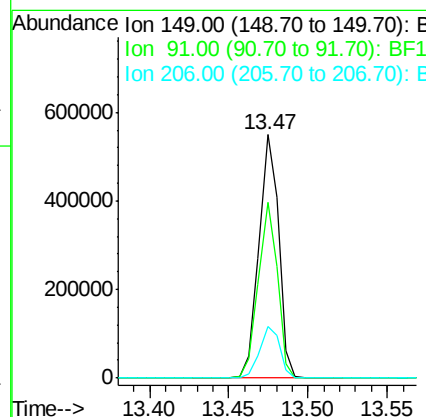
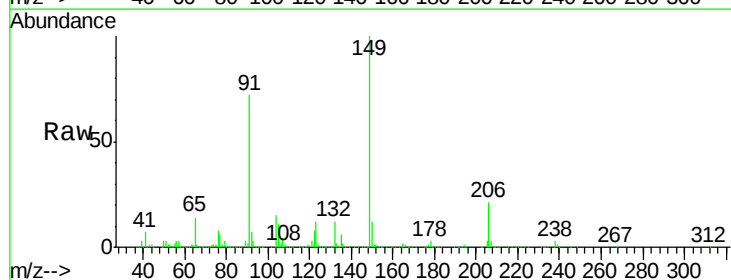
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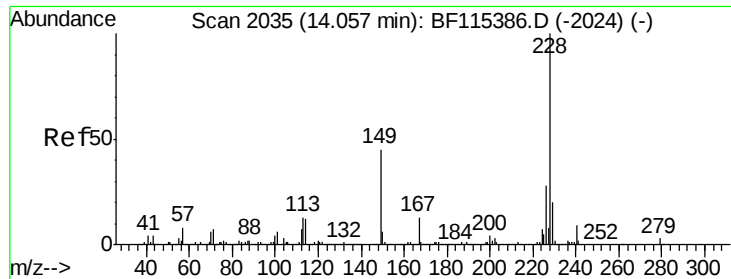
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#80
 Butylbenzylphthalate
 Concen: 41.148 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115473.D
 Acq: 10 Jul 2019 23:28

Tgt Ion: 149 Resp: 475103
 Ion Ratio Lower Upper
 149 100
 91 72.4 57.8 86.6
 206 21.0 16.9 25.3





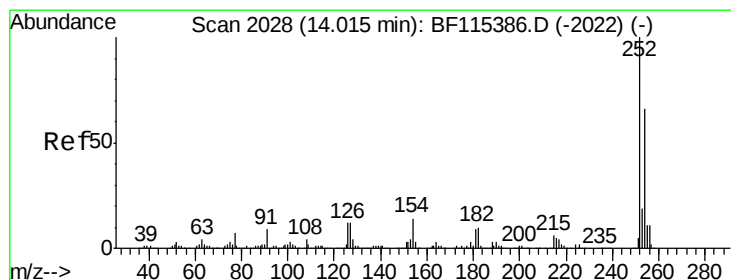
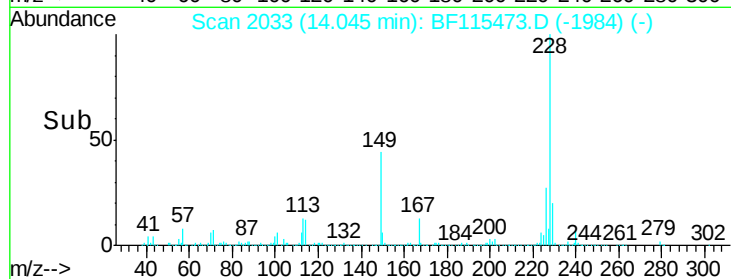
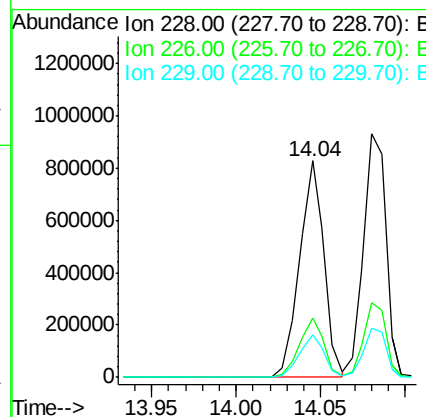
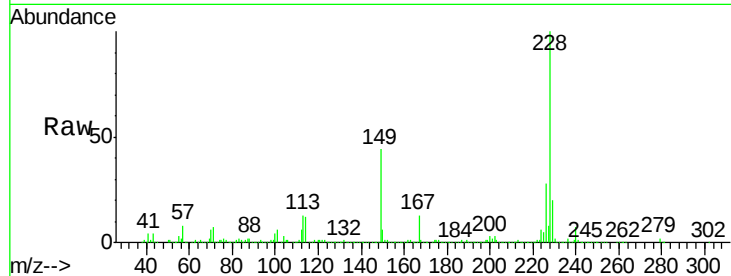
#81
Benzo(a)anthracene
Concen: 38.220 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	19.9	16.4	24.6

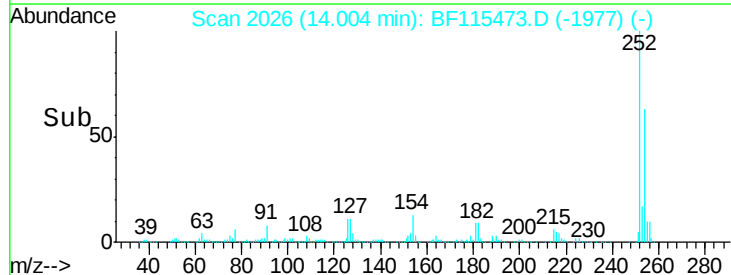
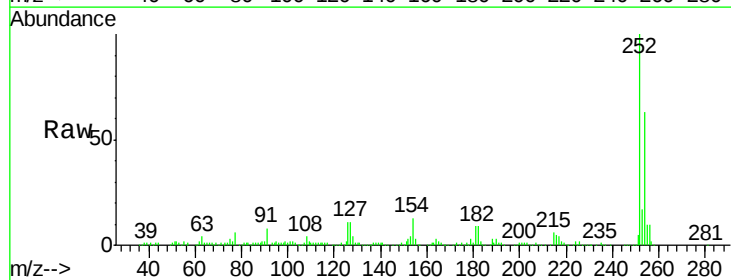
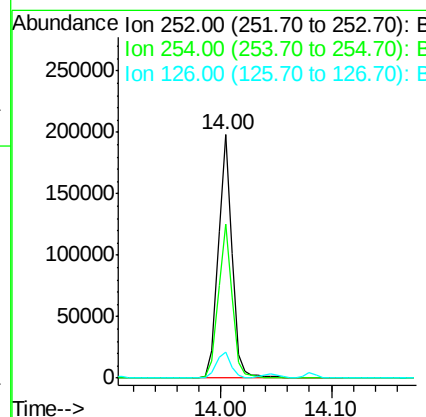
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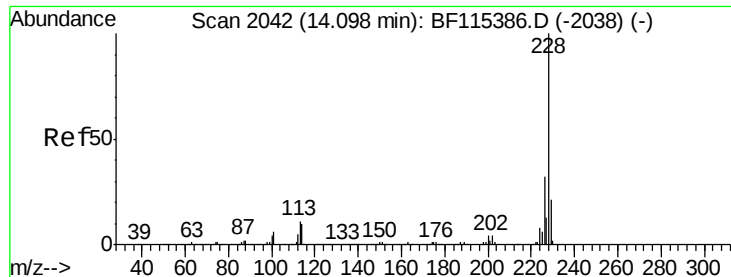
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 21.470 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.9	79.3
126	10.9	10.0	15.0





#83

Chrysene

Concen: 38.446 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

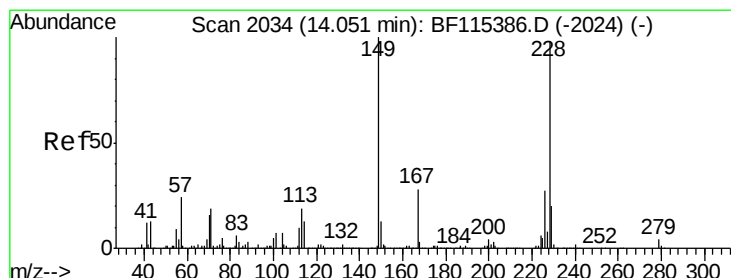
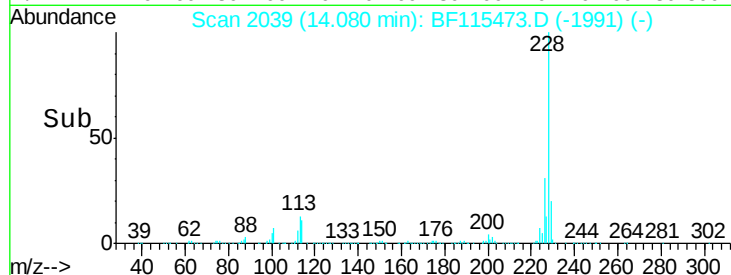
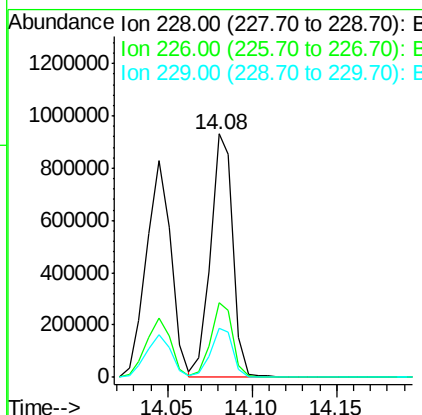
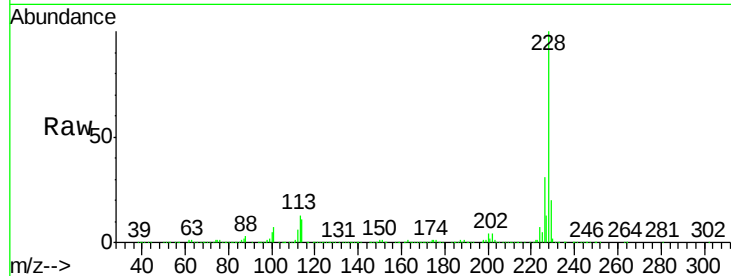
ClientSampleId :

COMP-1_070919MSD

Tgt Ion:	228	Resp:	860097
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.1	37.7
229	20.2	16.1	24.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.354 ng

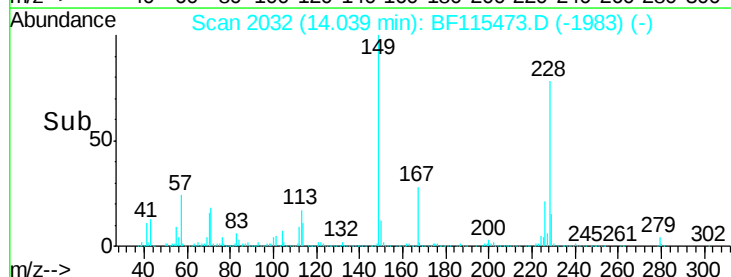
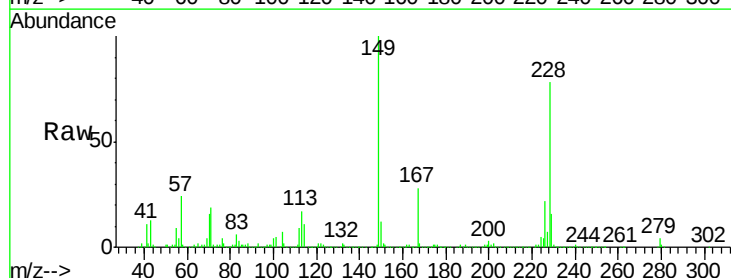
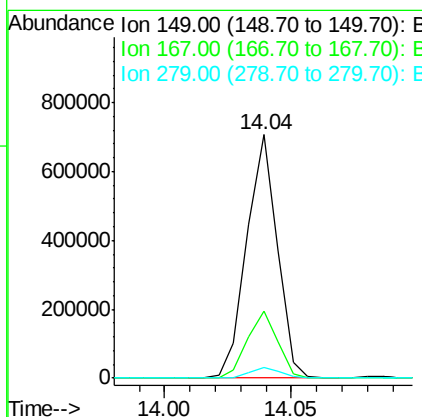
RT: 14.04 min Scan# 2032

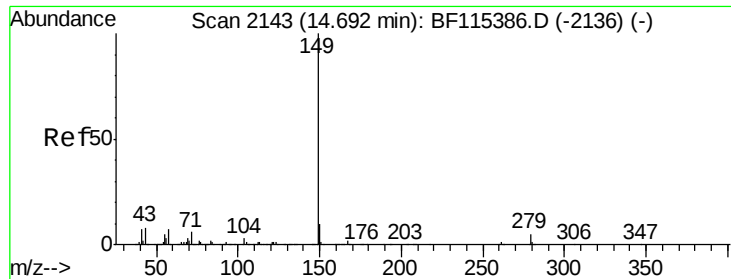
Delta R.T. -0.01 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	149	Resp:	591316
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.6	34.0
279	4.3	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 37.446 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Instrument :

BNA_F

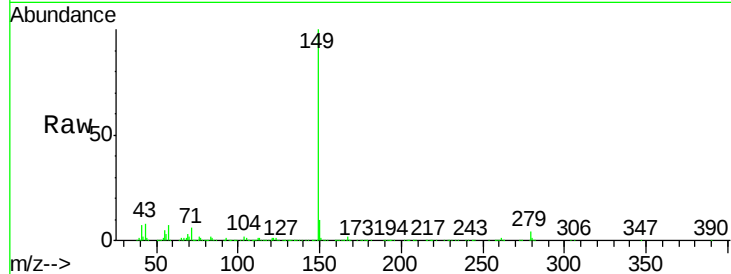
ClientSampleId :

COMP-1_070919MSD

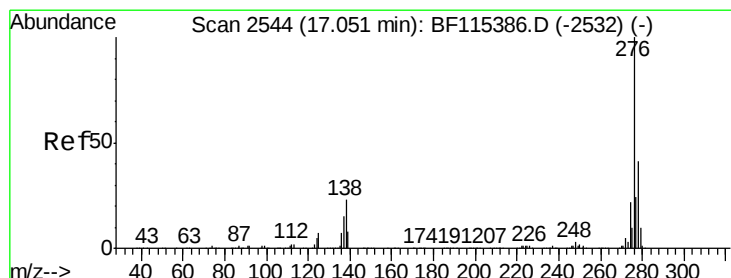
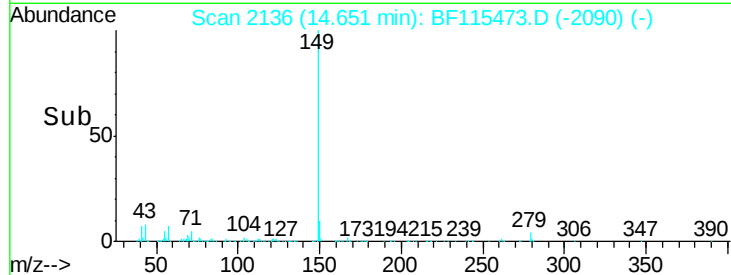
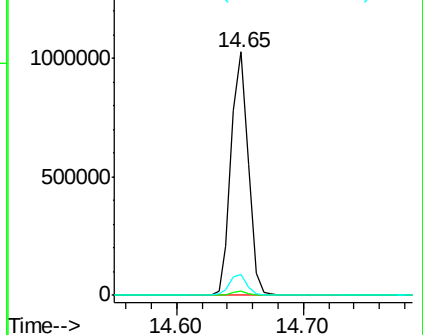
Tgt Ion:	149	Resp:	953191
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.3	7.0	10.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.329 ng

RT: 17.02 min Scan# 2539

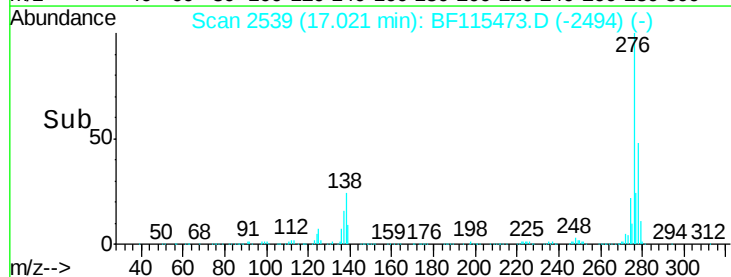
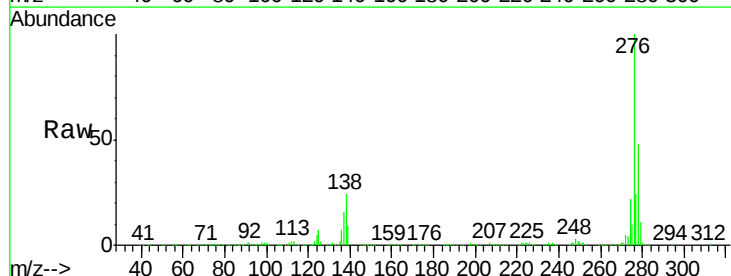
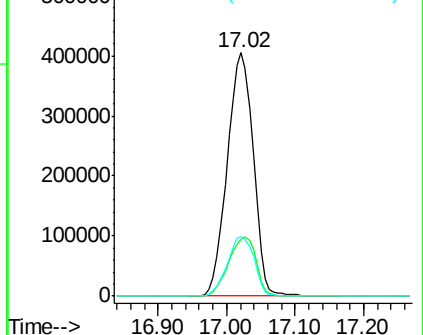
Delta R.T. -0.04 min

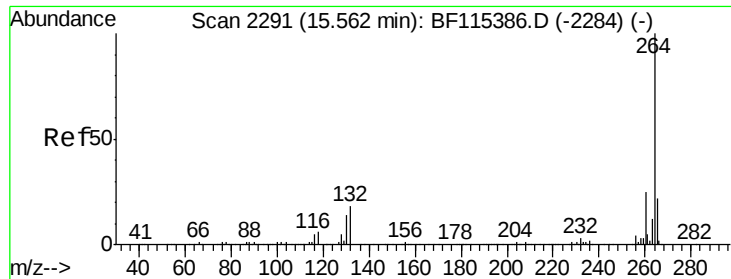
Lab File: BF115473.D

Acq: 10 Jul 2019 23:28

Tgt Ion:	276	Resp:	1068624
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.6	31.0
277	25.4	20.2	30.2

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





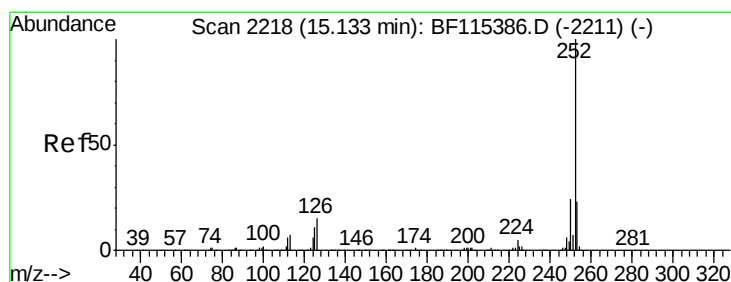
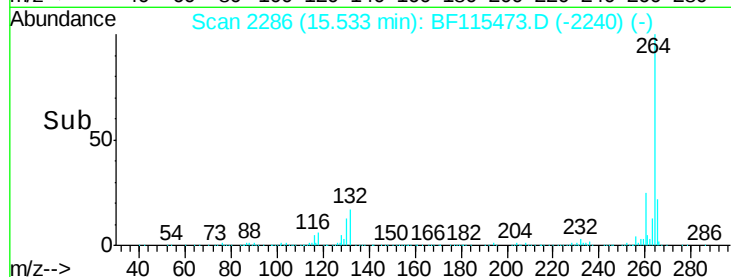
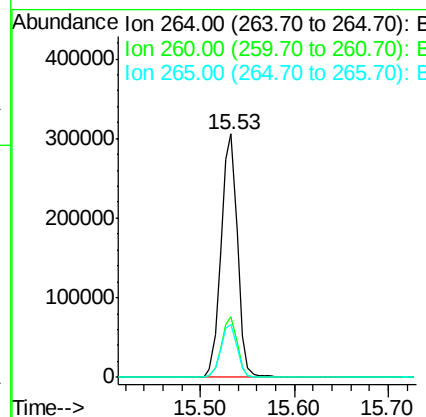
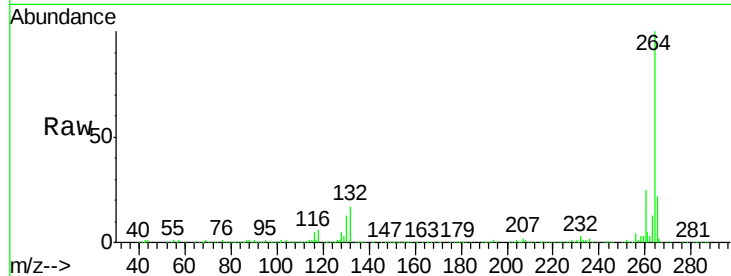
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.6	17.8	26.6

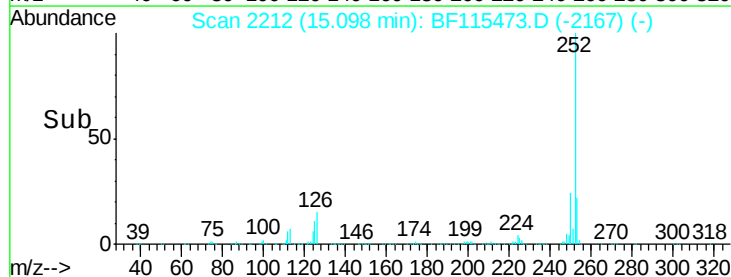
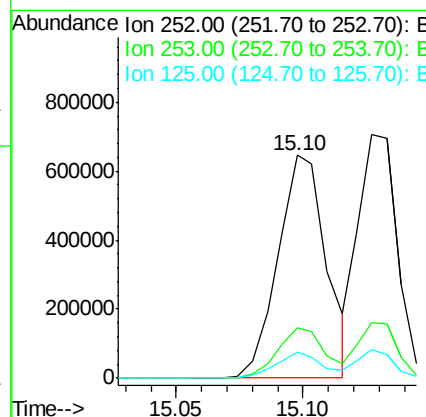
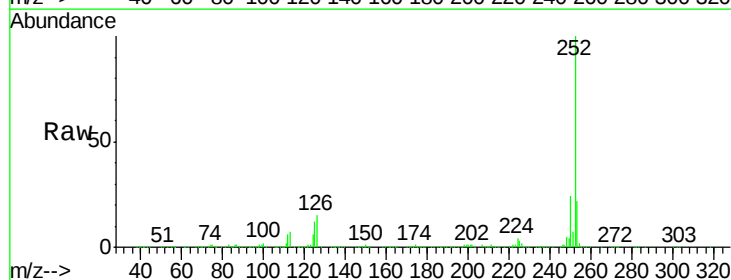
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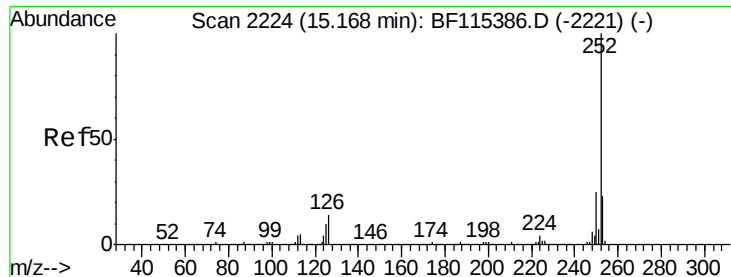
mohammad
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#88
Benzo(b)fluoranthene
Concen: 35.135 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.6	8.5	12.7





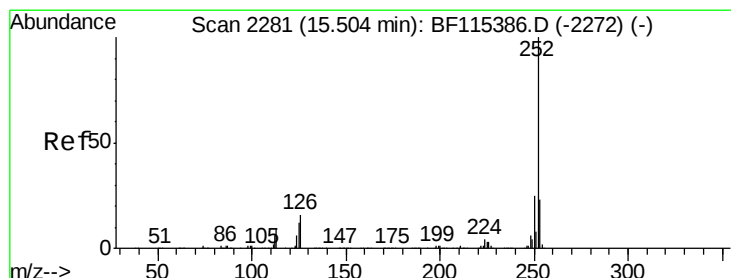
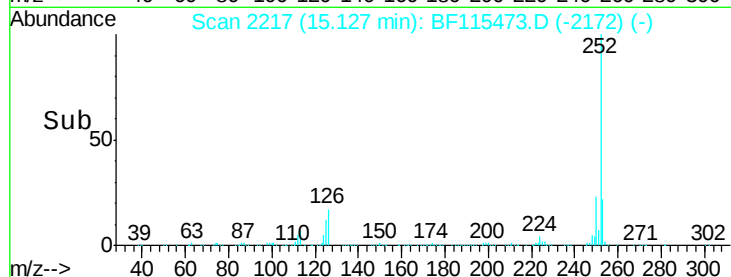
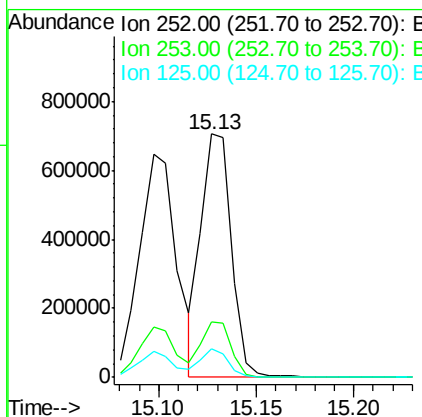
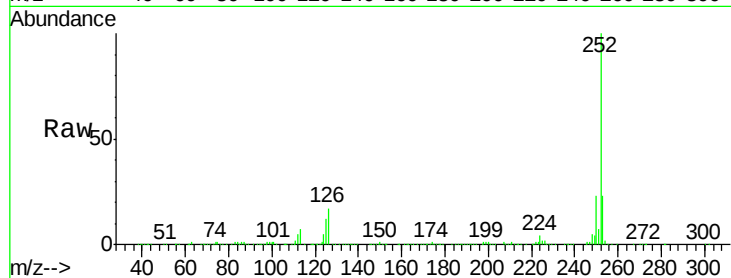
#89
Benzo(k)fluoranthene
Concen: 34.891 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.7	8.6	13.0

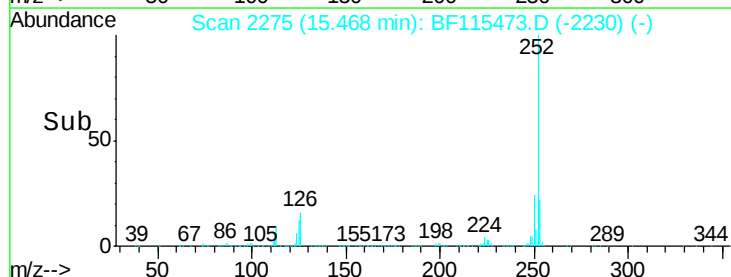
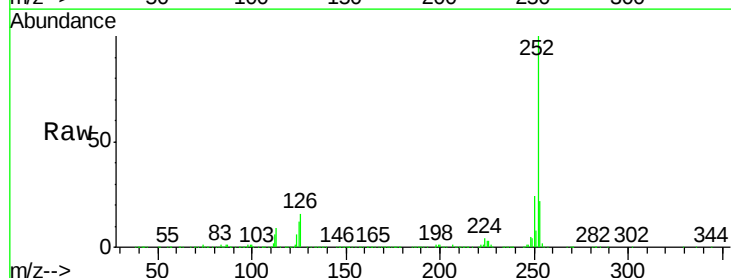
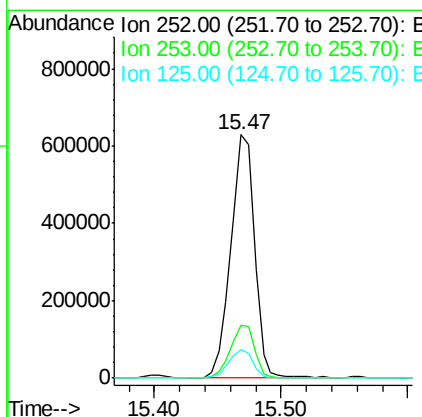
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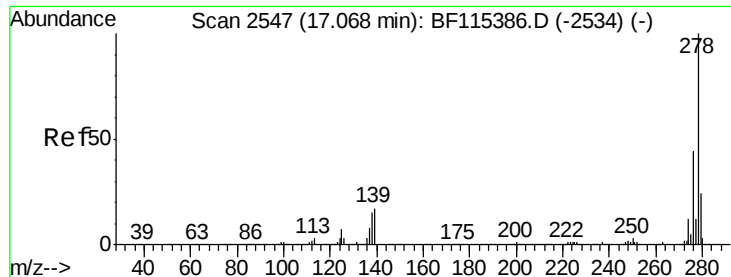
mohammad
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#90
Benzo(a)pyrene
Concen: 38.568 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	12.0	9.7	14.5





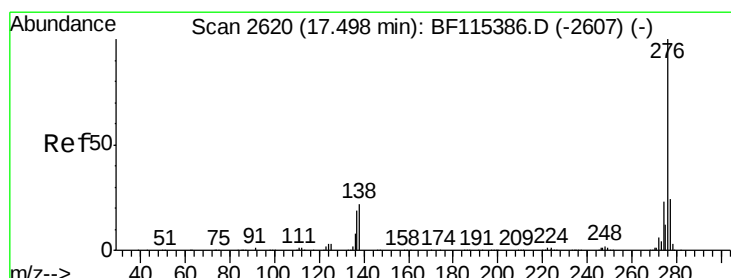
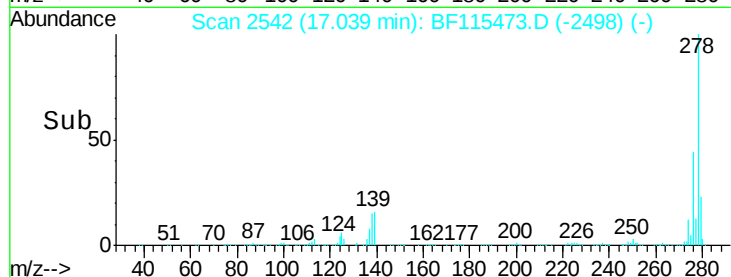
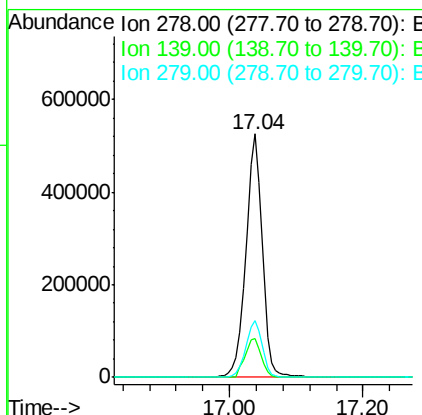
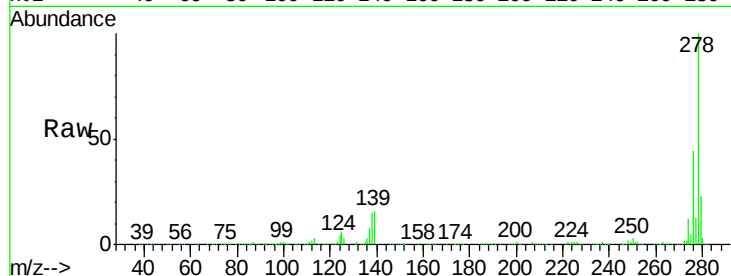
#91
Dibenzo(a,h)anthracene
Concen: 49.048 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.6
279	23.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:25 PM



#92
Benzo(g,h,i)perylene
Concen: 53.435 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF115473.D
Acq: 10 Jul 2019 23:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.6	17.8	26.8

