

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115456.D
 Acq On : 10 Jul 2019 15:36
 Operator : HP/JU
 Sample : K3636-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Manual Integrations
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mohammad
 7/11/2019 5:22:08 PM

Quant Time: Jul 11 12:38:48 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	146008	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	579638	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	288112	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	578604	20.00	ng	0.00
76) Chrysene-d12	14.07	240	428826	20.00	ng	0.00
87) Perylene-d12	15.57	264	452210	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	536354	56.76	ng	0.00
7) Phenol-d6	6.52	99	454800	37.84	ng	0.00
23) Nitrobenzene-d5	7.46	82	867180	88.39	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	360044	113.02	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1500934	91.41	ng	0.00
79) Terphenyl-d14	13.00	244	1692950	80.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	68737	14.829	ng	98
3) Pyridine	3.45	79	235121	18.344	ng	99
4) n-Nitrosodimethylamine	3.38	42	70770	13.616	ng	99
6) Aniline	6.55	93	357623	21.086	ng	97
8) 2-Chlorophenol	6.68	128	343560	32.196	ng	94
9) Benzaldehyde	6.44	77	242225	33.995	ng	98
10) Phenol	6.53	94	202077	14.053	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	391929	36.739	ng	97
12) 1,3-Dichlorobenzene	6.83	146	439704	37.612	ng	98
13) 1,4-Dichlorobenzene	6.91	146	447167	38.186	ng	99
14) 1,2-Dichlorobenzene	7.07	146	412329	38.032	ng	97
15) Benzyl Alcohol	7.03	79	237342	24.609	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	512414	34.353	ng	99
17) 2-Methylphenol	7.14	107	238587	26.099	ng	99
18) Hexachloroethane	7.41	117	160543	36.802	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	285445	35.105	ng	96
20) 3+4-Methylphenols	7.29	107	266038	24.637	ng	# 78
22) Acetophenone	7.30	105	559996	40.319	ng	# 96
24) Nitrobenzene	7.47	77	444889	40.154	ng	100
25) Isophorone	7.71	82	800119	37.627	ng	98
26) 2-Nitrophenol	7.79	139	208934	45.869	ng	95
27) 2,4-Dimethylphenol	7.82	122	304575	35.066	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	490680	37.420	ng	99
29) 2,4-Dichlorophenol	8.03	162	326524	37.744	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	382624	39.729	ng	99
31) Naphthalene	8.20	128	1170953	40.671	ng	100
32) Benzoic acid	7.95	122	1109m	6.195	ng	
33) 4-Chloroaniline	8.24	127	285843	22.252	ng	99
34) Hexachlorobutadiene	8.32	225	212774	38.957	ng	99
35) Caprolactam	8.60	113	16671	5.917	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	327518	35.792	ng	98
37) 2-Methylnaphthalene	8.89	142	789074	41.004	ng	98
38) 1-Methylnaphthalene	8.99	142	736890	40.133	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	350235	42.255	ng	99

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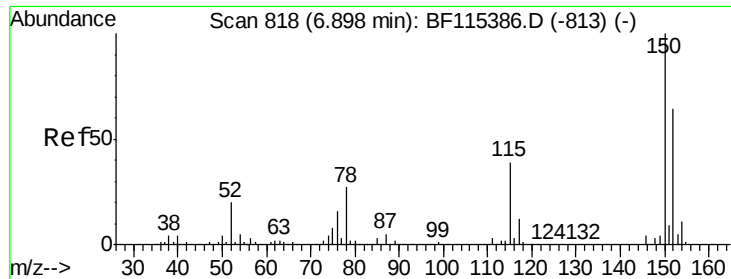
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	383086	79.743	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	230519	38.201	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	244677	39.104	ng	# 93
46) 1,1'-Biphenyl	9.36	154	968792	42.772	ng	98
47) 2-Chloronaphthalene	9.38	162	760875	40.646	ng	99
48) 2-Nitroaniline	9.47	65	235511	42.821	ng	96
49) Acenaphthylene	9.80	152	1172176	41.358	ng	99
50) Dimethylphthalate	9.66	163	984053	45.506	ng	98
51) 2,6-Dinitrotoluene	9.71	165	209785	44.731	ng	97
52) Acenaphthene	9.97	154	711519	39.889	ng	99
53) 3-Nitroaniline	9.87	138	167903	30.824	ng	96
54) 2,4-Dinitrophenol	9.98	184	31908	23.529	ng	# 58
55) Dibenzofuran	10.14	168	1068151	42.510	ng	100
56) 4-Nitrophenol	10.03	139	123446	29.292	ng	97
57) 2,4-Dinitrotoluene	10.12	165	279770	46.939	ng	# 86
58) Fluorene	10.48	166	775873	39.171	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	188565	34.885	ng	99
60) Diethylphthalate	10.35	149	869187	40.835	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	396847	41.049	ng	97
62) 4-Nitroaniline	10.49	138	223039	41.715	ng	98
63) Azobenzene	10.63	77	861905	39.283	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	63803	27.097	ng	91
66) n-Nitrosodiphenylamine	10.59	169	743919	40.806	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	257827	39.712	ng	96
68) Hexachlorobenzene	11.03	284	294280	40.394	ng	97
69) Atrazine	11.12	200	243514	43.161	ng	99
70) Pentachlorophenol	11.22	266	216530	48.770	ng	100
71) Phenanthrene	11.45	178	1252640	41.164	ng	99
72) Anthracene	11.50	178	1285175	42.117	ng	100
73) Carbazole	11.65	167	1169309	41.886	ng	99
74) Di-n-butylphthalate	11.98	149	1373184	40.701	ng	100
75) Fluoranthene	12.63	202	1354117	42.263	ng	99
77) Benzidine	12.74	184	420934	25.172	ng	99
78) Pyrene	12.86	202	1372014	41.143	ng	99
80) Butylbenzylphthalate	13.48	149	596714	40.954	ng	95
81) Benzo(a)anthracene	14.06	228	1117981	40.689	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	326977	32.796	ng	98
83) Chrysene	14.10	228	1169911	41.440	ng	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	728109	40.352	ng	99
85) Di-n-octyl phthalate	14.69	149	1250506	38.930	ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1316085	58.715	ng	100
88) Benzo(b)fluoranthene	15.13	252	1200556	40.776	ng	99
89) Benzo(k)fluoranthene	15.17	252	1010958	38.609	ng	98
90) Benzo(a)pyrene	15.51	252	1076672	42.397	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	1082087	49.865	ng	99
92) Benzo(g,h,i)perylene	17.52	276	1125187	54.781	ng	99

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



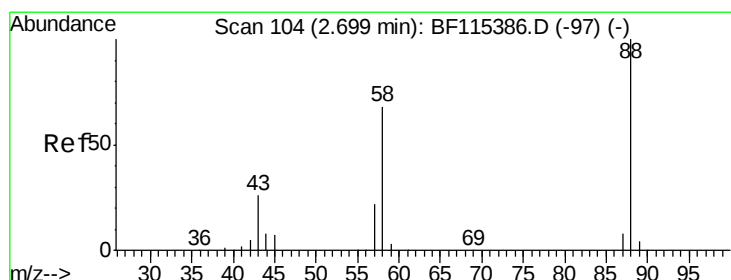
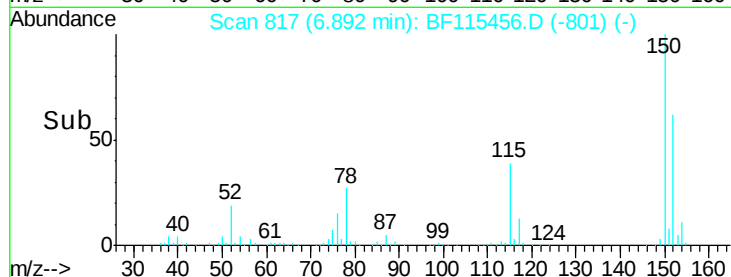
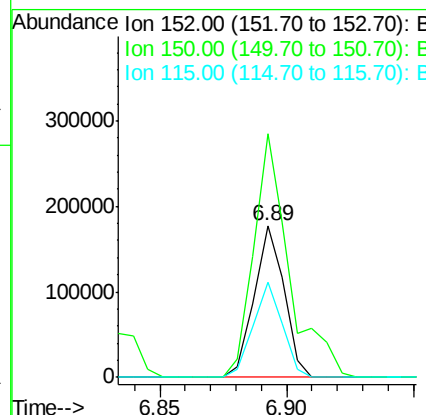
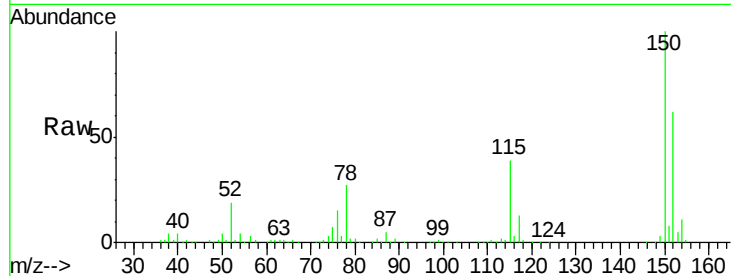
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.4	191.2
115	62.6	46.2	69.4

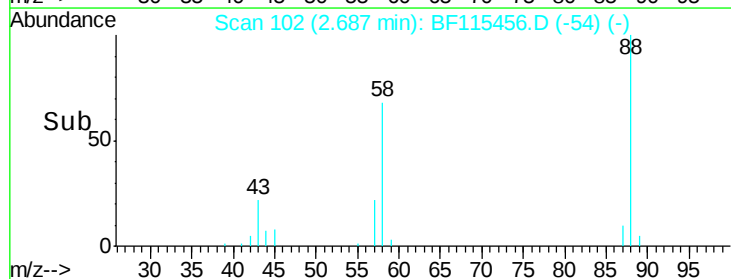
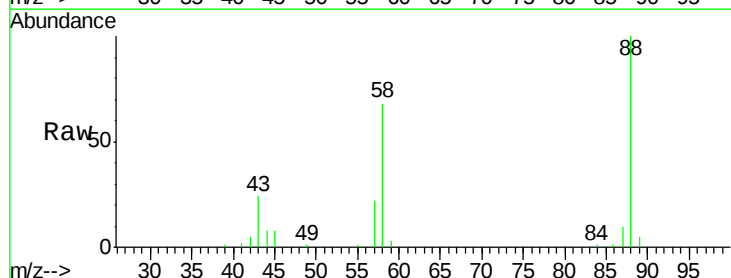
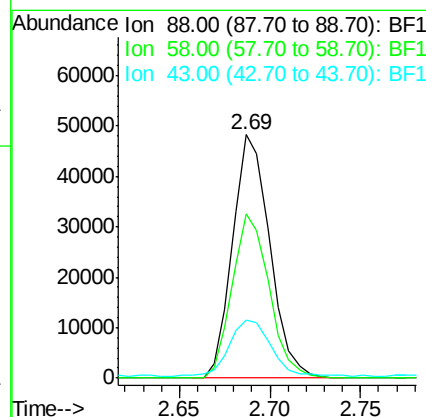
Manual Integrations
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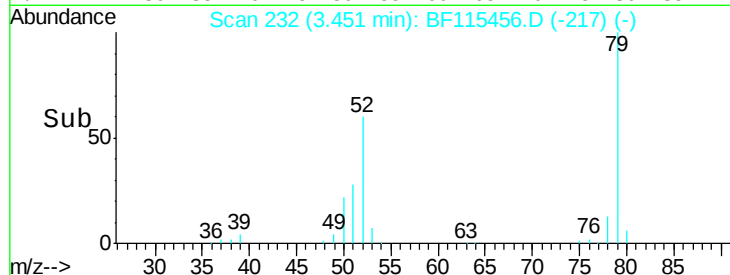
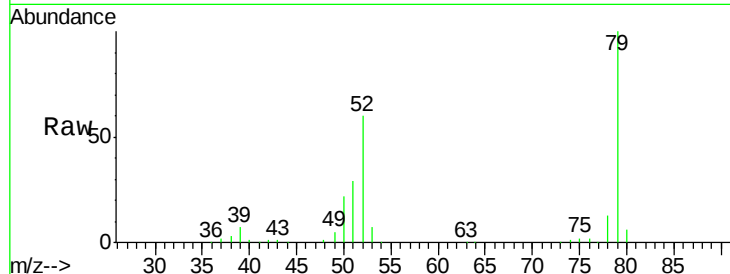
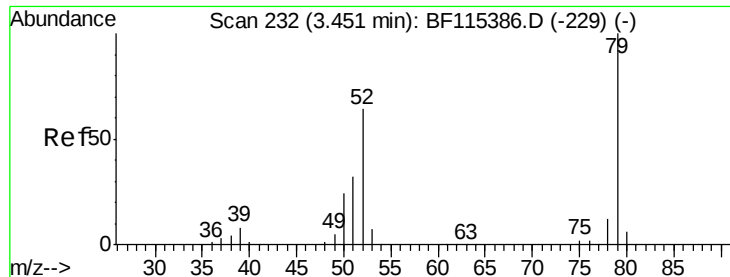
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#2
 1,4-Dioxane
 Concen: 14.829 ng
 RT: 2.69 min Scan# 102
 Delta R.T. -0.02 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	52.5	78.7
43	25.5	19.0	28.6





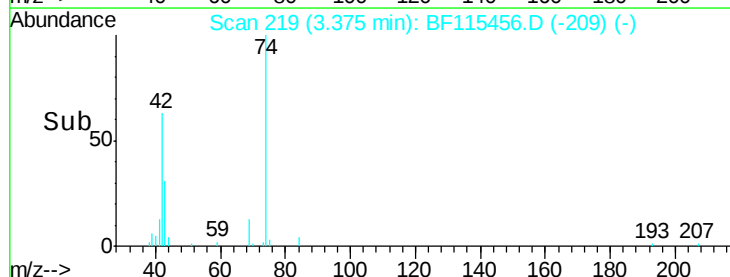
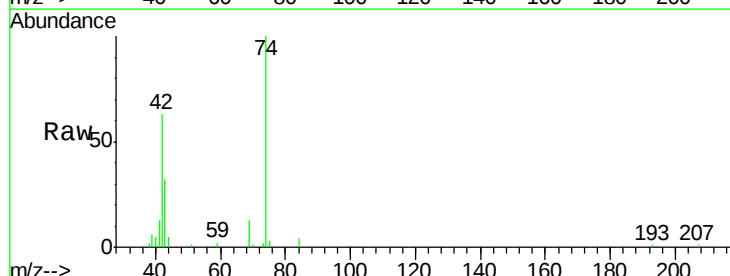
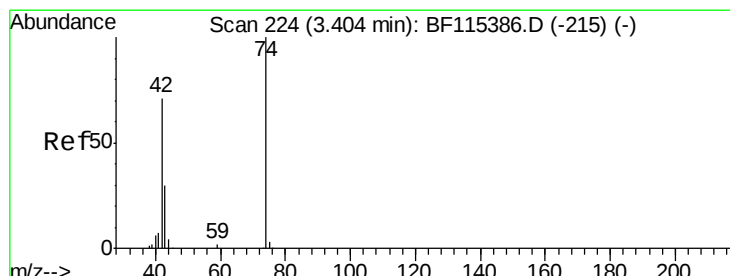
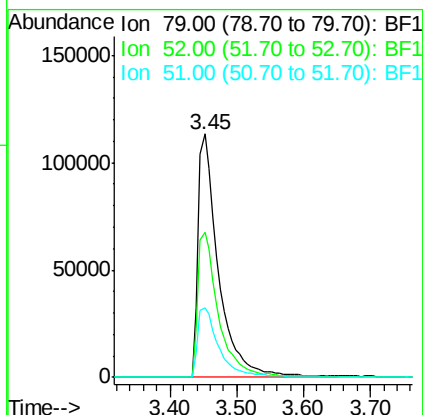
#3
Pyridine
Concen: 18.344 ng
RT: 3.45 min Scan# 232
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.6	48.2	72.2
51	28.7	23.2	34.8

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

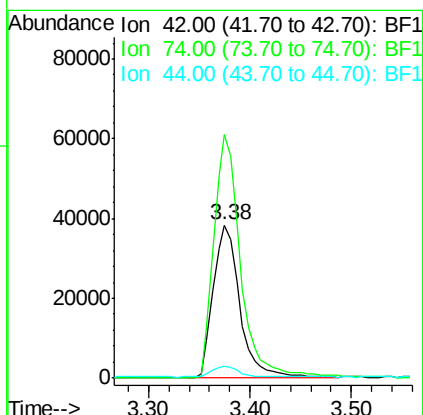
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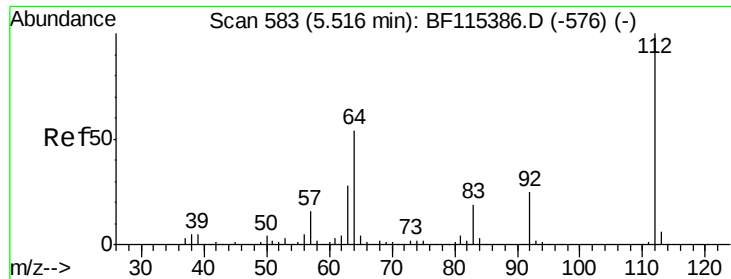
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#4
n-Nitrosodimethylamine
Concen: 13.616 ng
RT: 3.38 min Scan# 219
Delta R.T. -0.04 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.8	128.5	192.7
44	7.8	5.3	7.9





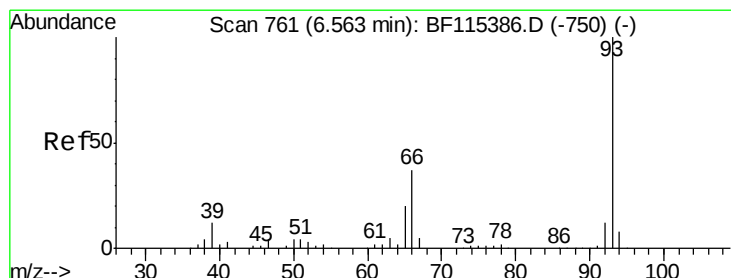
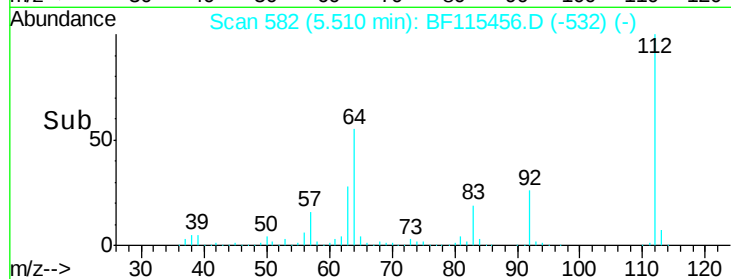
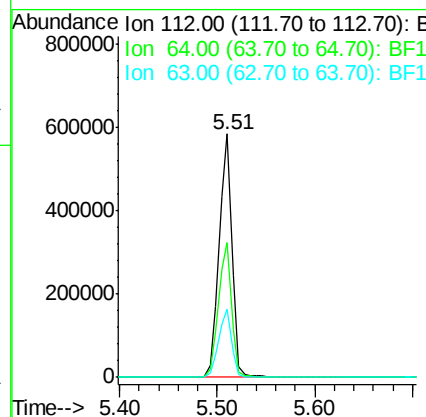
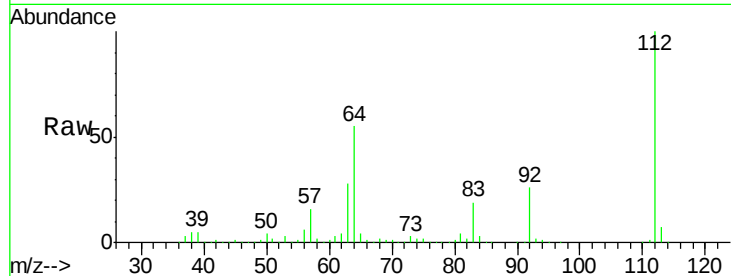
#5
2-Fluorophenol
Concen: 56.756 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	55.4	44.2	66.2
63	28.0	22.1	33.1

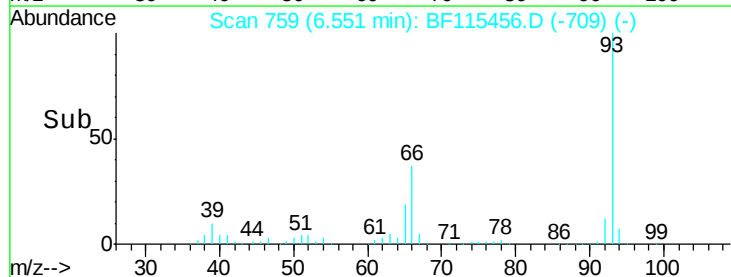
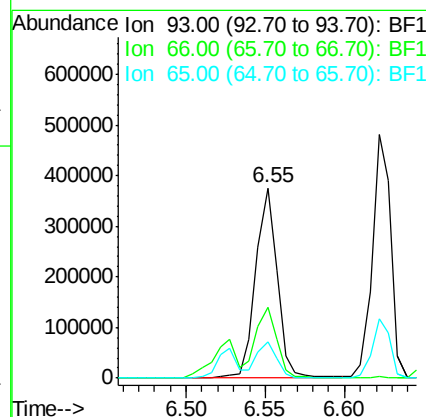
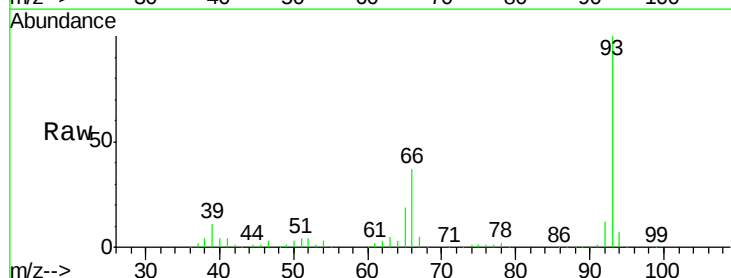
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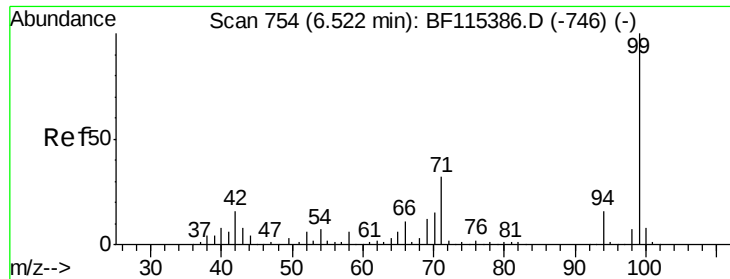
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#6
Aniline
Concen: 21.086 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.3	31.3	46.9
65	18.9	15.9	23.9





#7

Phenol-d6

Concen: 37.841 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

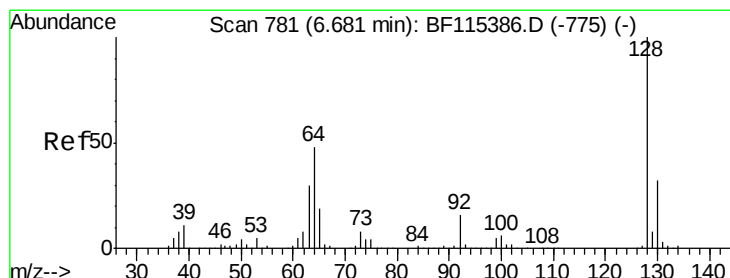
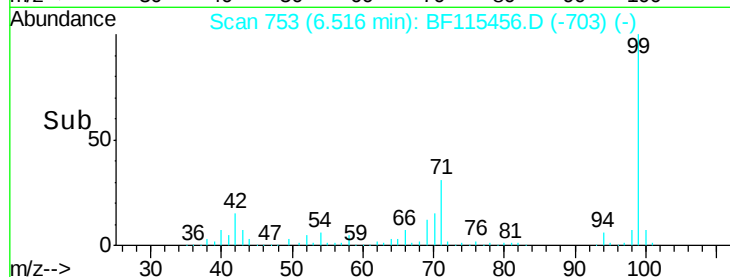
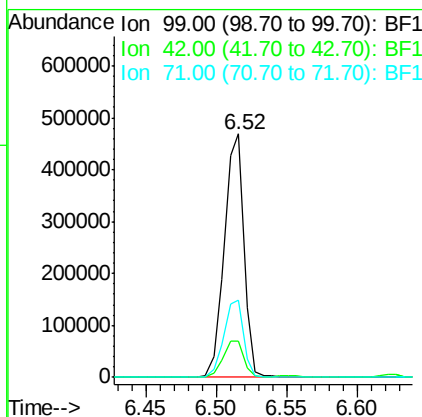
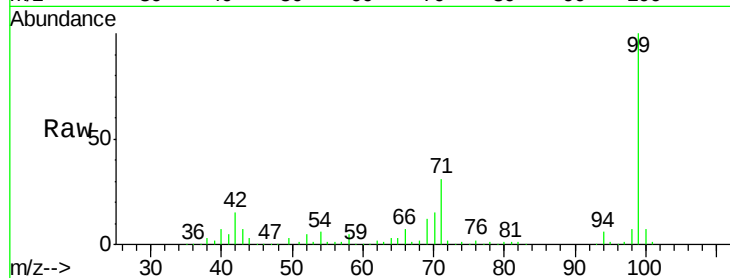
ClientSampleId :

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Tgt Ion:	99	Resp:	454800
Ion Ratio	Lower	Upper	
99	100		
42	14.7	12.8	19.2
71	31.5	26.5	39.7

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#8

2-Chlorophenol

Concen: 32.196 ng

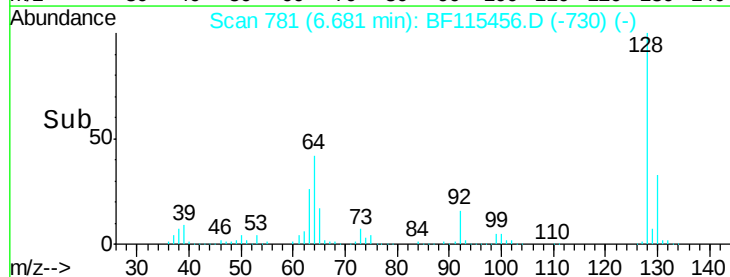
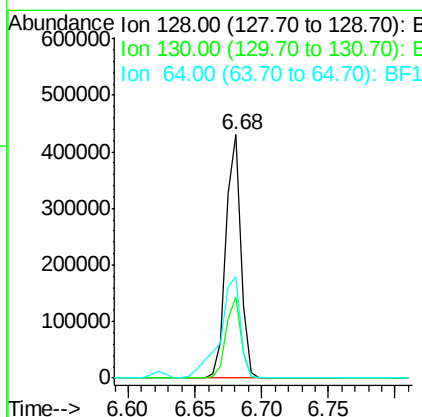
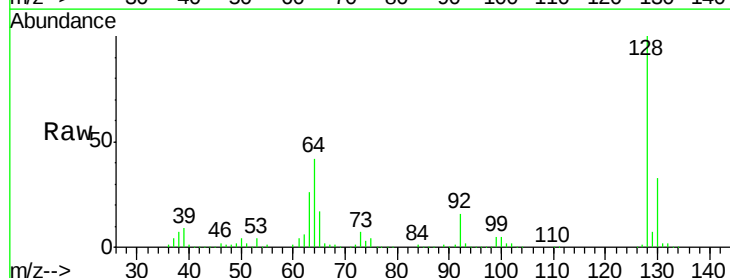
RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	128	Resp:	343560
Ion Ratio	Lower	Upper	
128	100		
130	33.2	11.8	51.8
64	41.8	27.0	67.0





#9

Benzaldehyde

Concen: 33.995 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

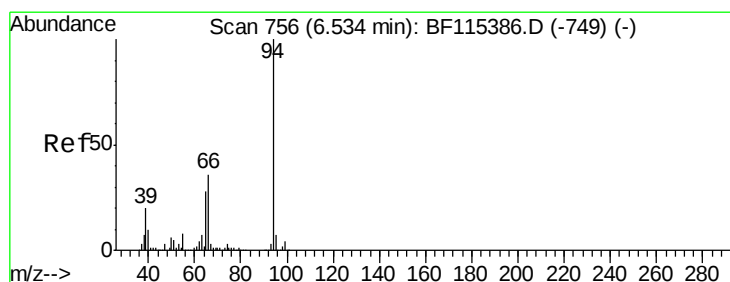
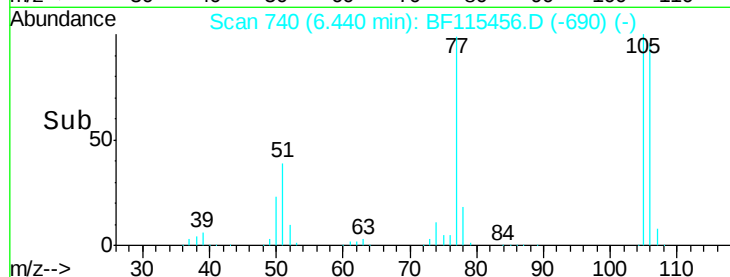
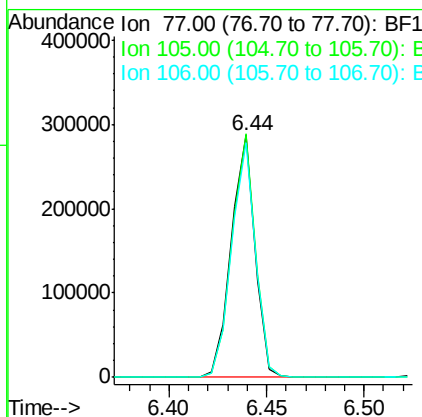
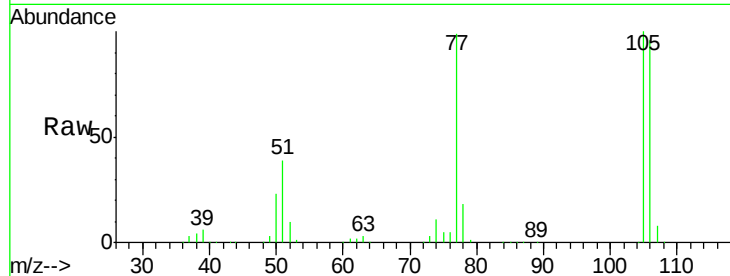
ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:	77	Resp:	242225
Ion	Ratio	Lower	Upper
77	100		
105	100.6	82.9	122.9
106	96.8	77.8	117.8

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#10

Phenol

Concen: 14.053 ng

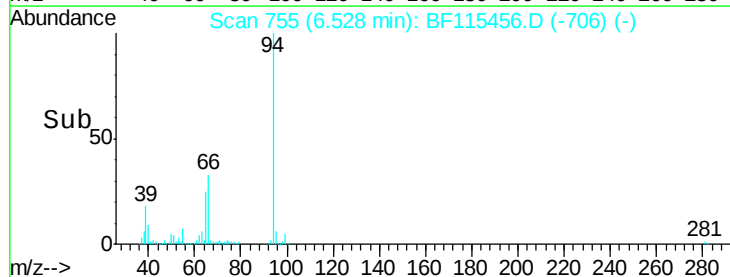
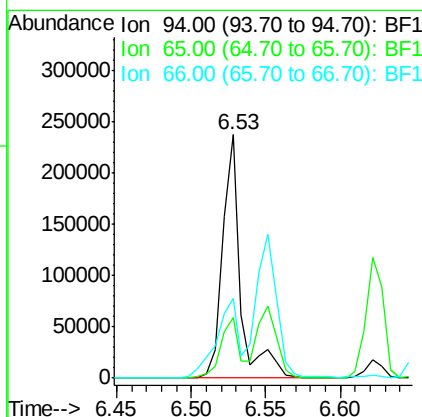
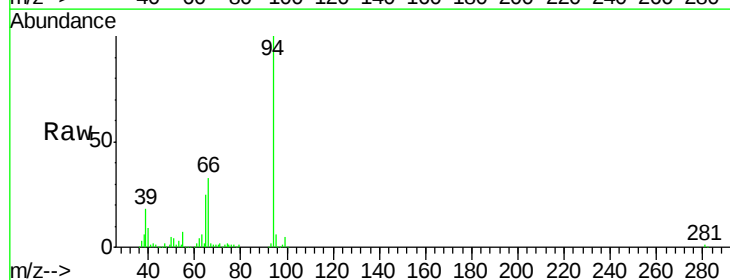
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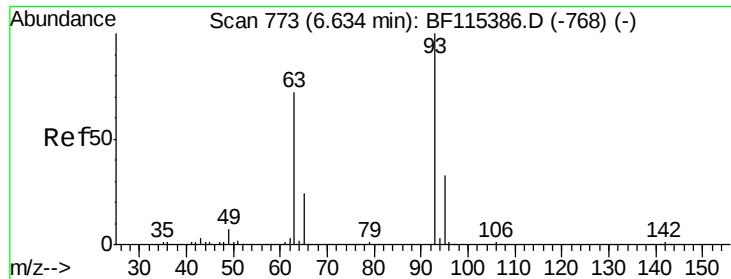
Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	94	Resp:	202077
Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.2	47.2
66	32.8	16.9	56.9





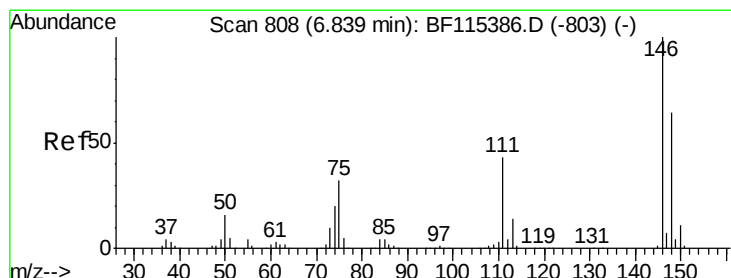
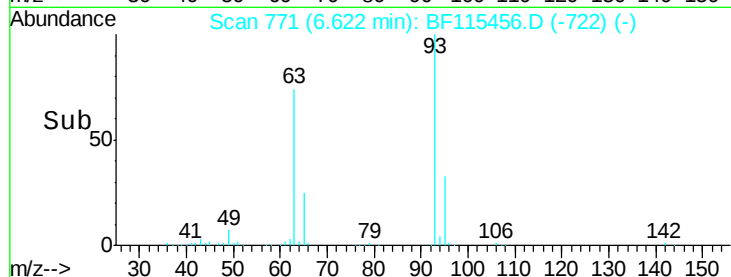
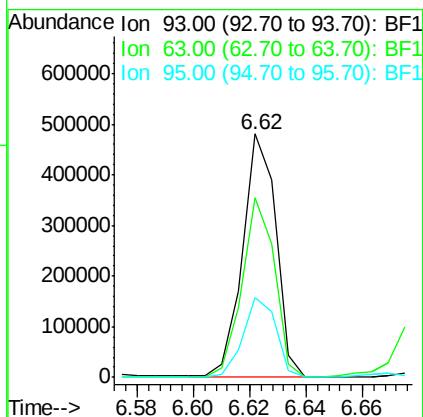
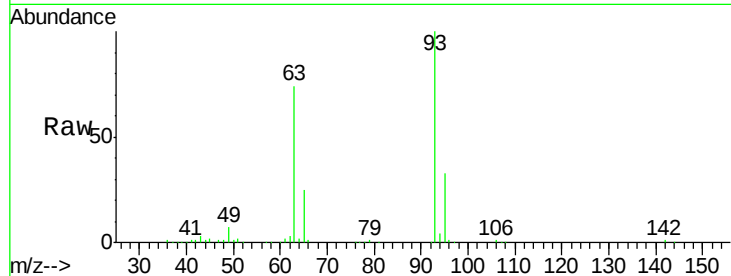
#11
bis(2-Chloroethyl)ether
Concen: 36.739 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion:	93	Resp:	391929
Ion	Ratio	Lower	Upper
93	100		
63	73.5	50.0	90.0
95	32.6	12.6	52.6

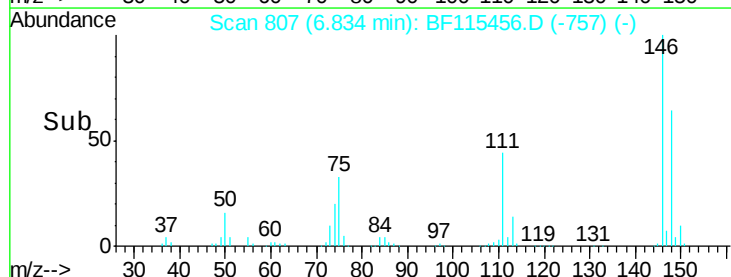
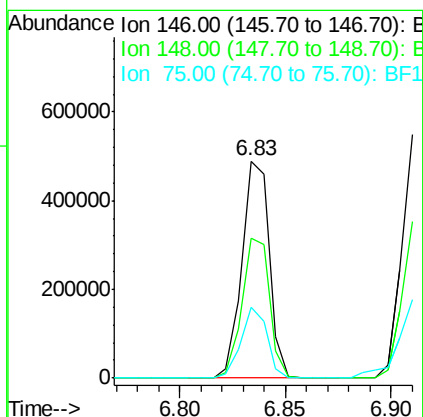
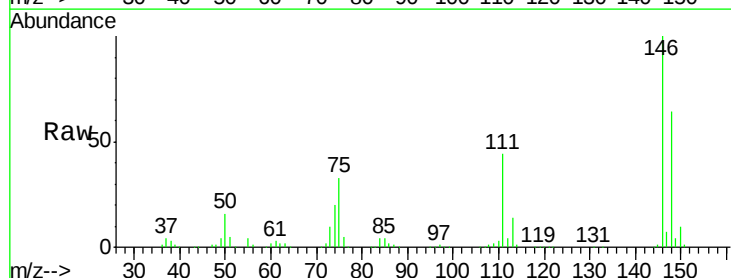
Manual Integrations
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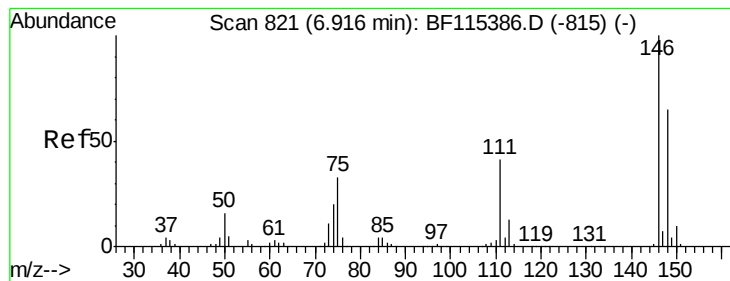
mohammad
7/11/2019 5:22:08 PM



#12
1,3-Dichlorobenzene
Concen: 37.612 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:	146	Resp:	439704
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
75	32.8	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 38.186 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

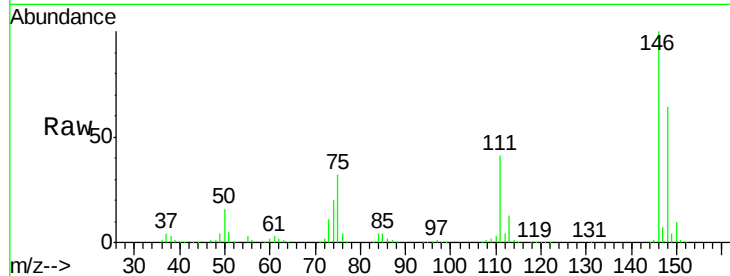
ClientSampleId :

SP19-JMW0991MSD

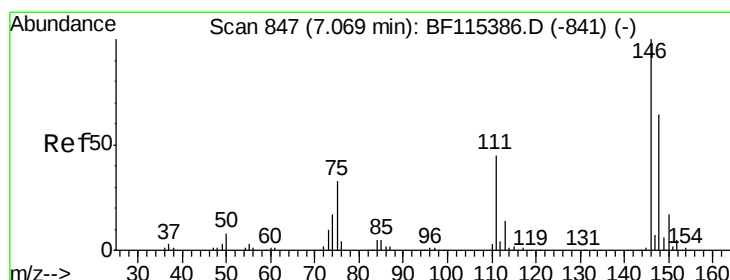
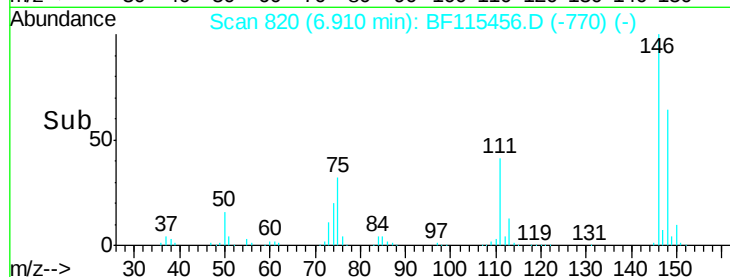
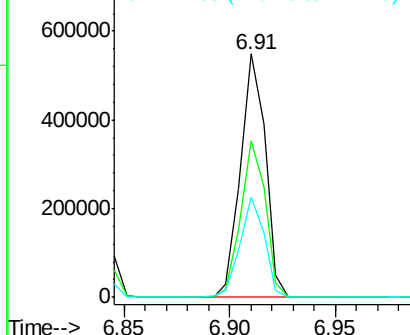
Tgt Ion:	146	Resp:	447167
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.3	76.9
111	41.1	32.1	48.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.032 ng

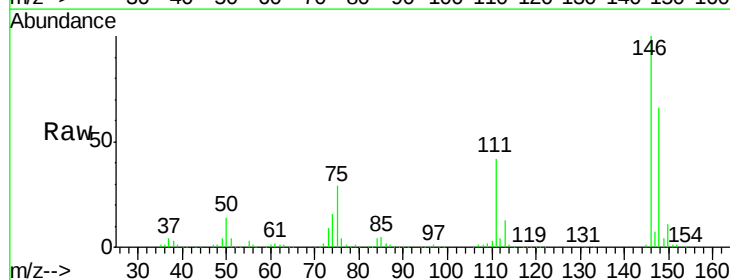
RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

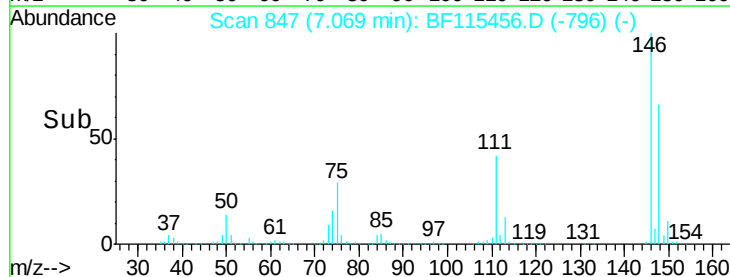
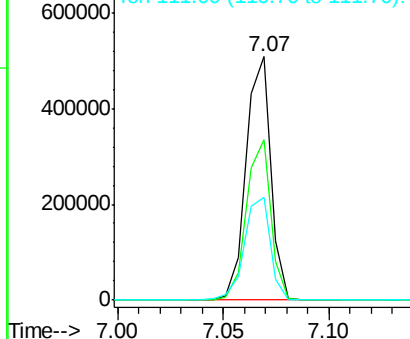
Lab File: BF115456.D

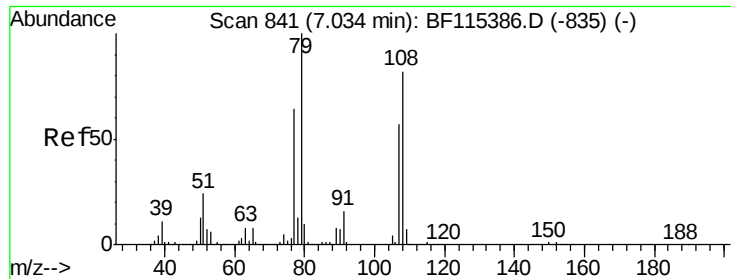
Acq: 10 Jul 2019 15:36

Tgt Ion:	146	Resp:	412329
Ion Ratio	Lower	Upper	
146	100		
148	65.9	50.6	75.8
111	42.4	35.4	53.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.609 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

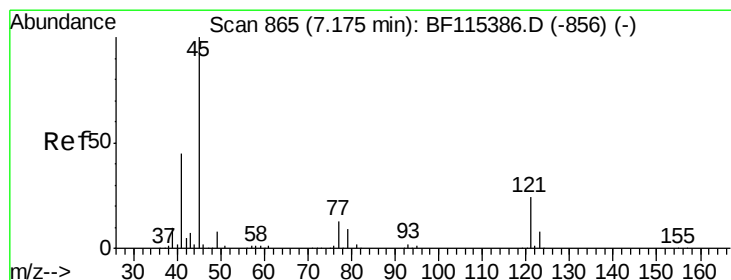
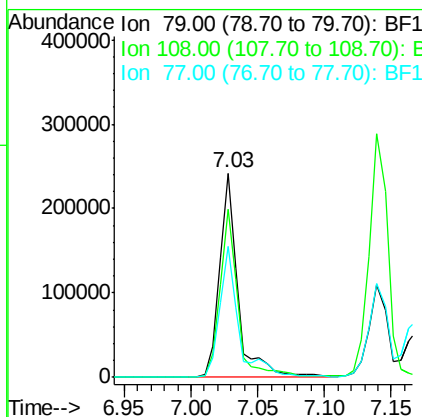
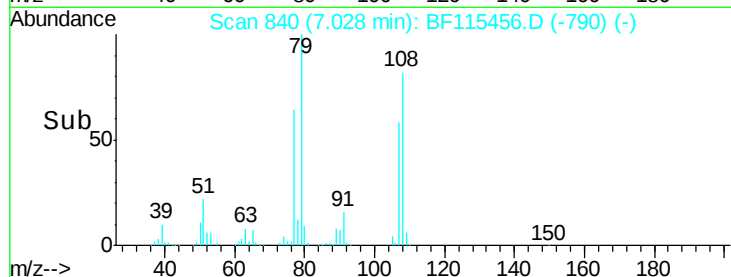
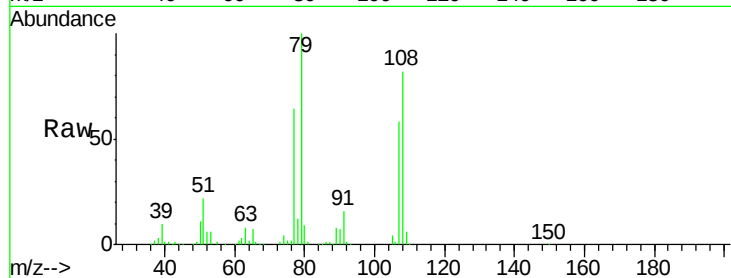
ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:	79	Resp:	237342
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.3	97.9
77	63.7	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.353 ng

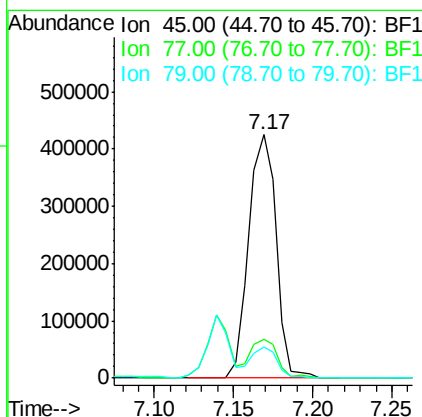
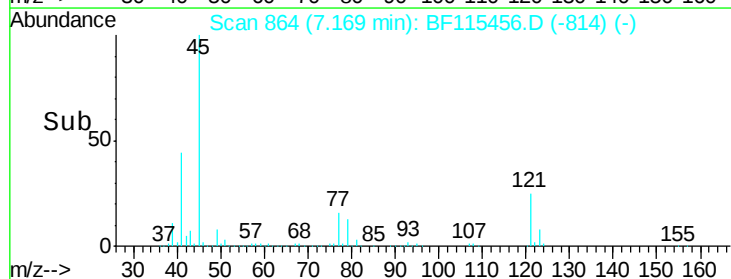
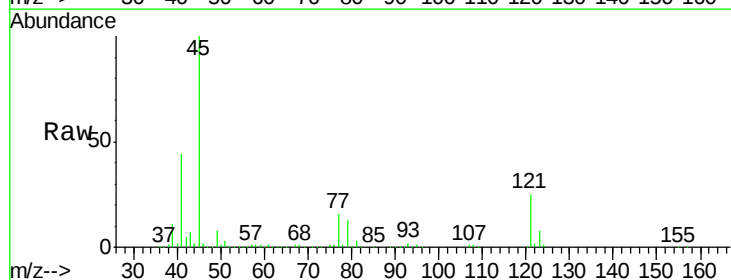
RT: 7.17 min Scan# 864

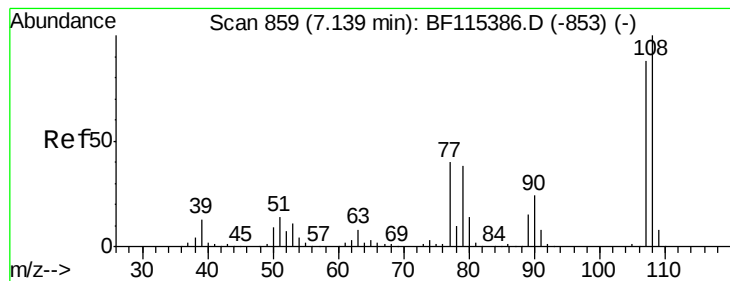
Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	45	Resp:	512414
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	36.4
79	12.8	0.0	33.4





#17

2-Methylphenol

Concen: 26.099 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

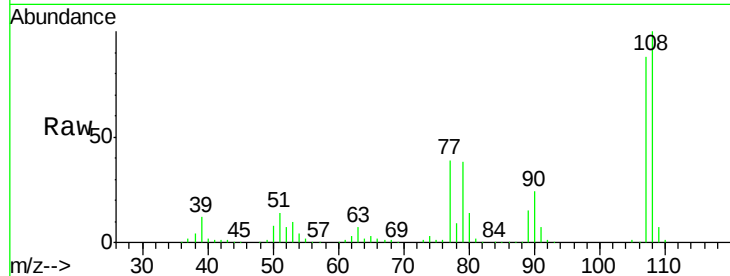
ClientSampleId :

SP19-JMW0991MSD

Tgt	Ion	107	Resp:	238587
Ion	Ratio	Lower	Upper	
107	100			
108	114.1	90.0	135.0	
77	43.9	35.0	52.4	
79	43.4	34.4	51.6	

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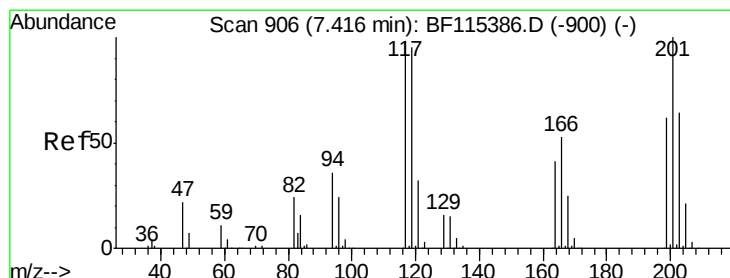
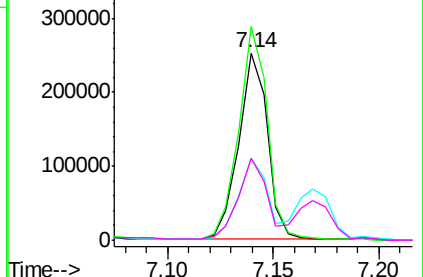
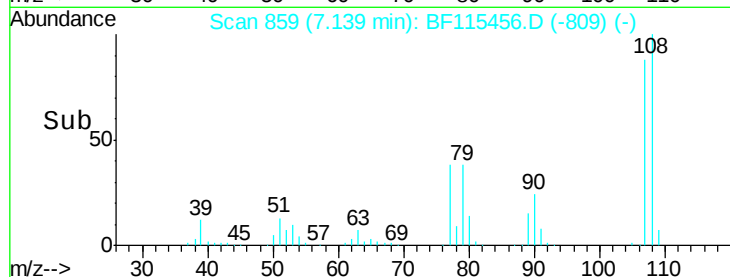


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.802 ng

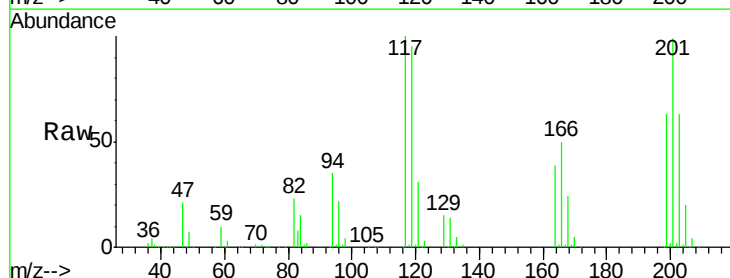
RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

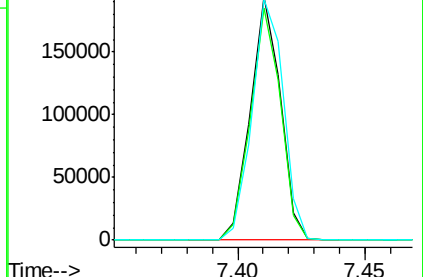
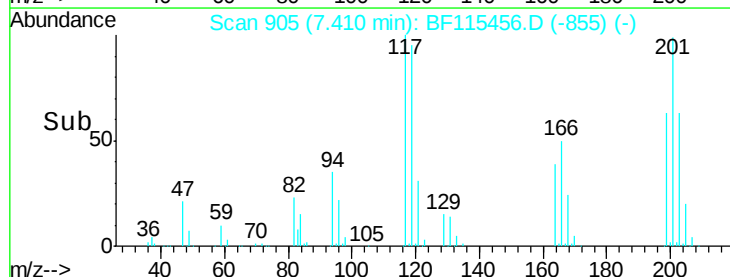
Tgt	Ion	117	Resp:	160543
Ion	Ratio	Lower	Upper	
117	100			
119	95.3	76.8	115.2	
201	99.1	85.8	128.6	

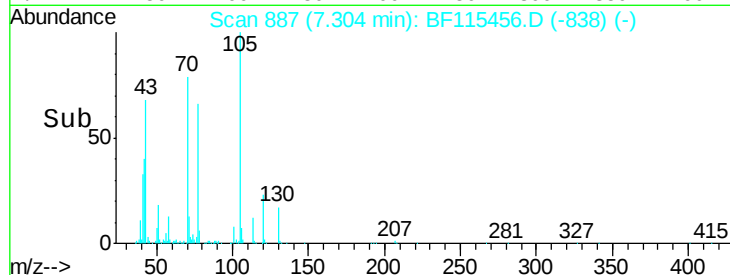
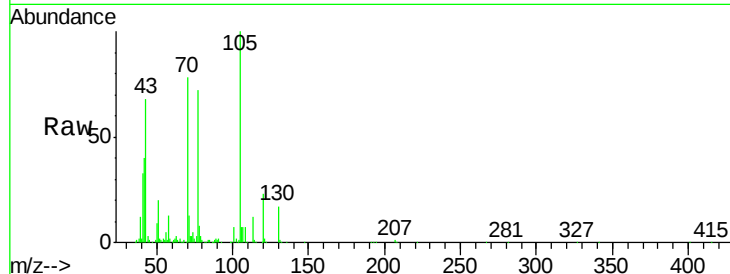
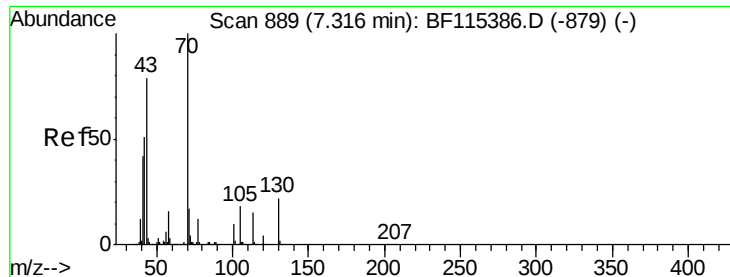


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





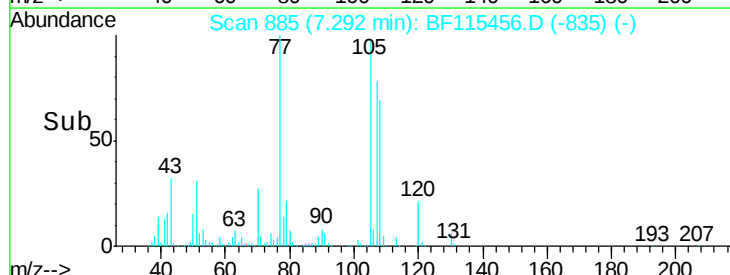
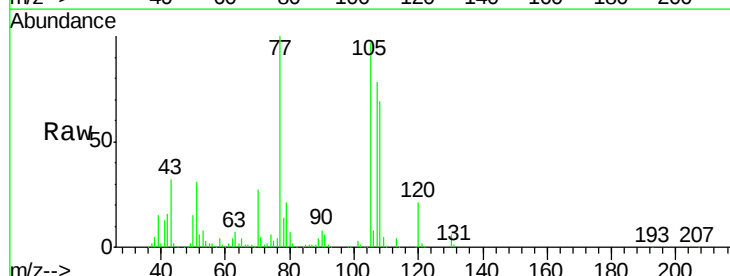
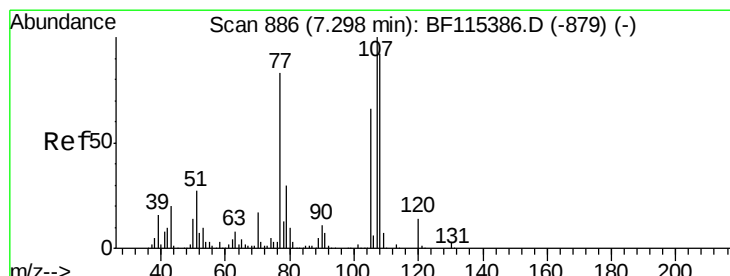
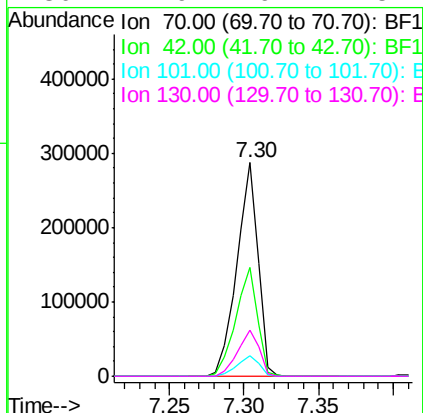
#19
n-Nitroso-di-n-propylamine
Concen: 35.105 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.7	38.5	57.7
101	9.5	8.0	12.0
130	21.9	19.1	28.7

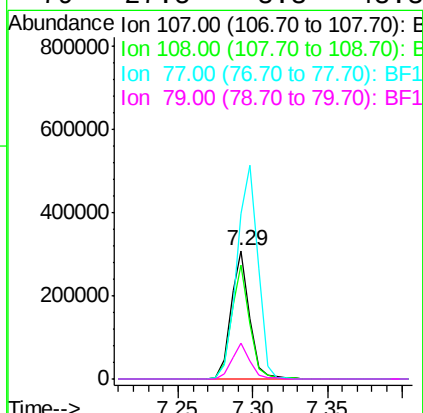
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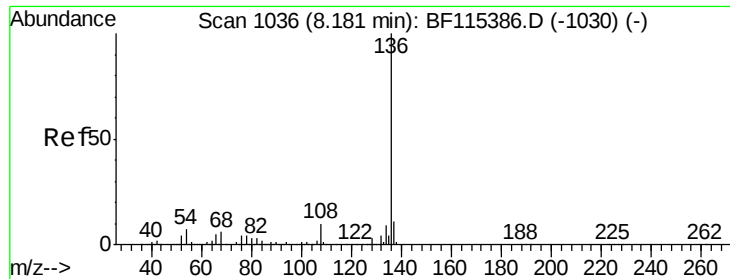
mohammad
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#20
3+4-Methylphenols
Concen: 24.637 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.5	110.5
77	128.9	63.0	103.0#
79	27.5	8.3	48.3





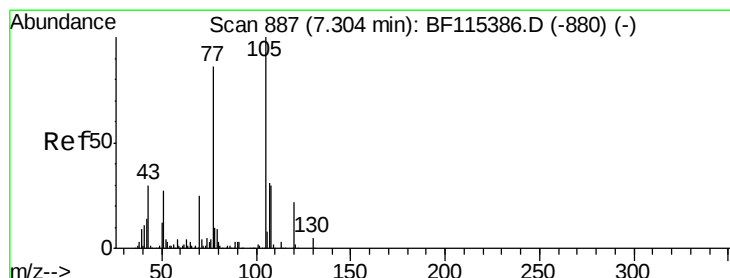
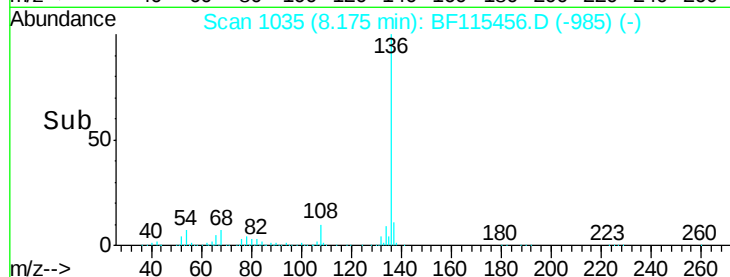
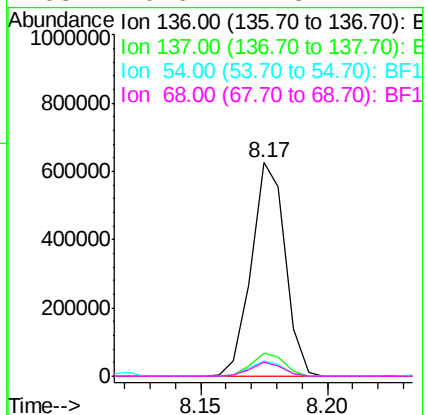
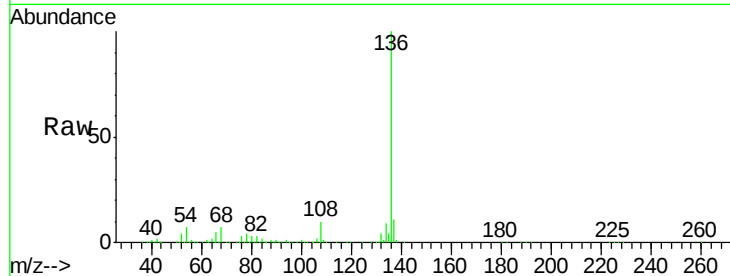
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	579638		
137	11.0	8.8	13.2	
54	7.1	5.4	8.0	
68	6.6	4.8	7.2	

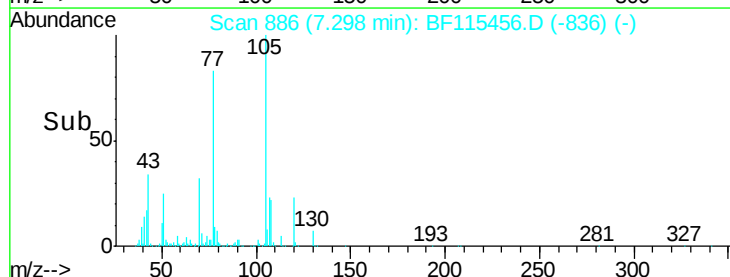
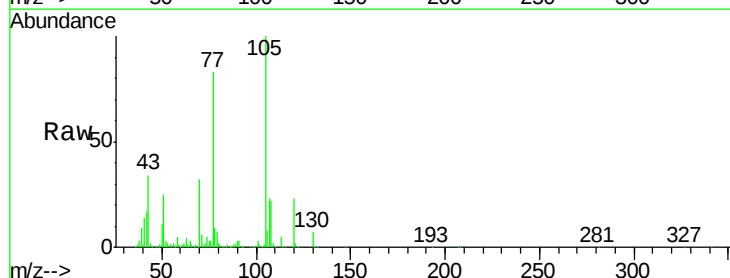
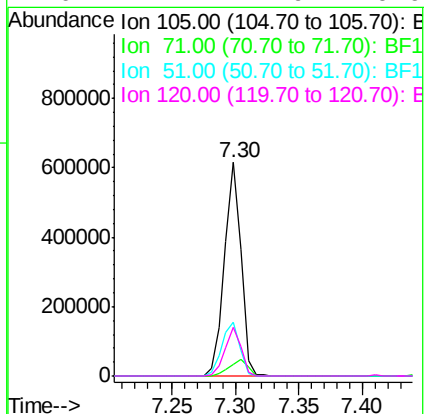
Manual Integrations
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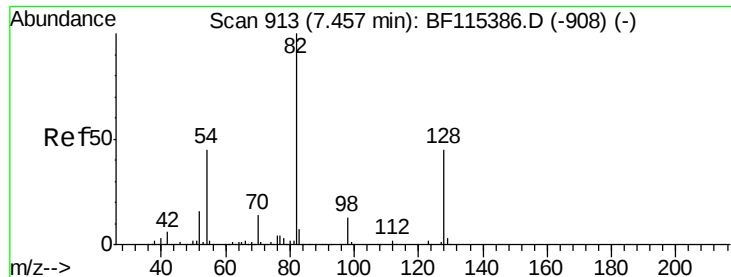
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#22
Acetophenone
Concen: 40.319 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	559996		
71	5.6	3.5	5.3#	
51	24.9	22.6	33.8	
120	22.7	17.9	26.9	





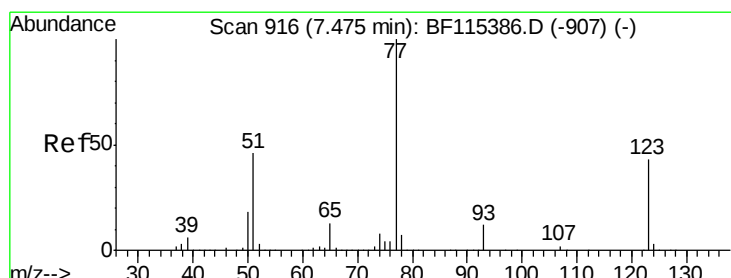
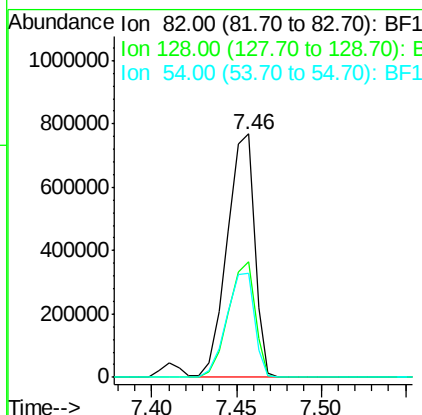
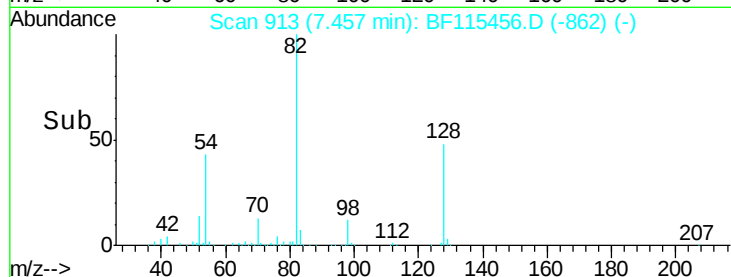
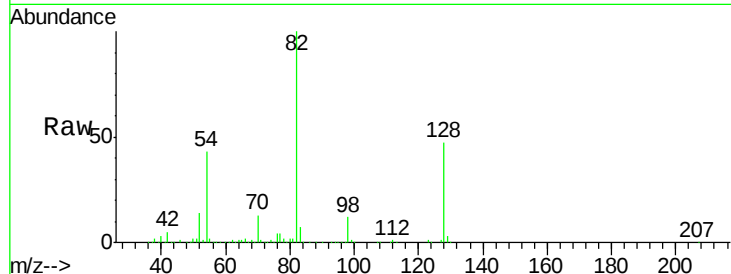
#23
 Nitrobenzene-d5
 Concen: 88.393 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.7	55.1
54	42.7	35.6	53.4

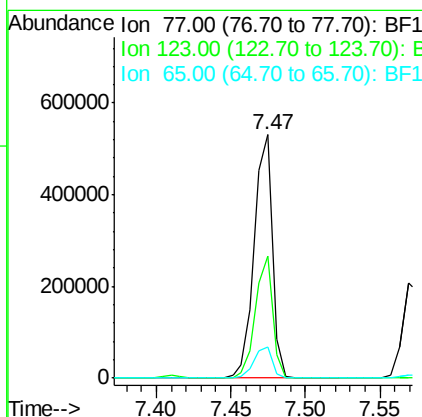
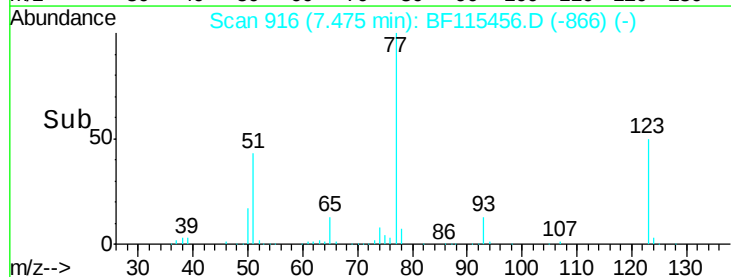
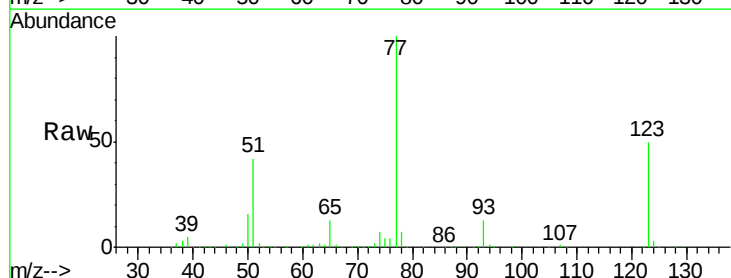
Manual Integrations
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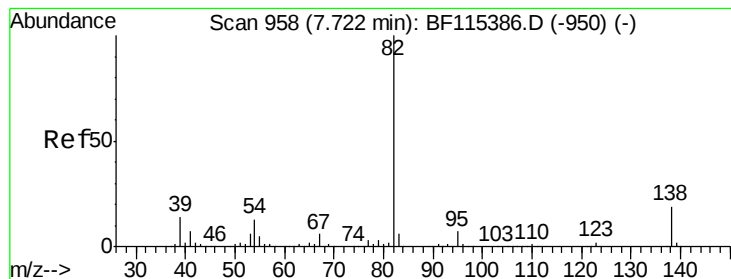
mohammad
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#24
 Nitrobenzene
 Concen: 40.154 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.4	60.6
65	12.8	10.4	15.6





#25

Isophorone

Concen: 37.627 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

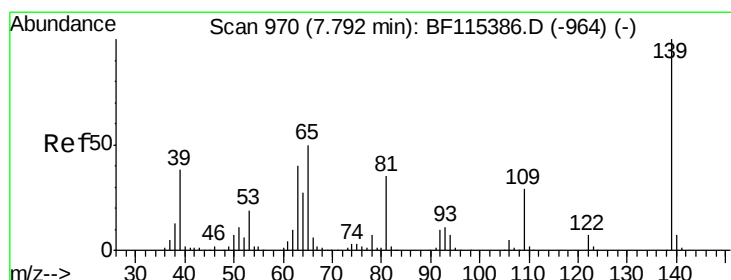
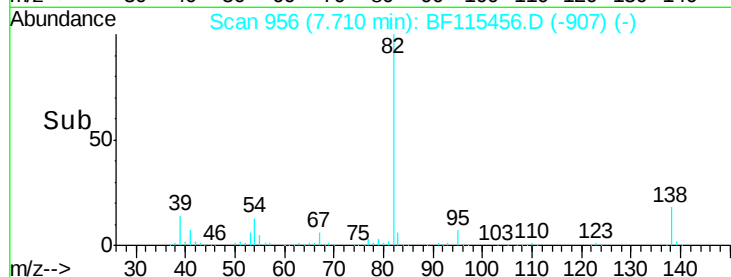
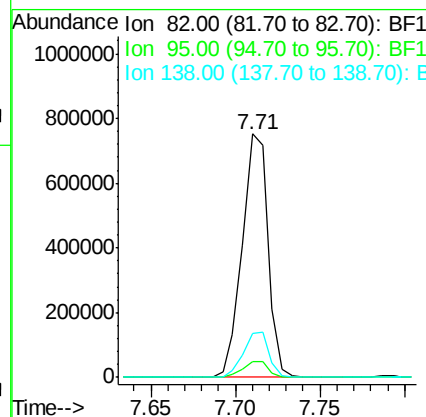
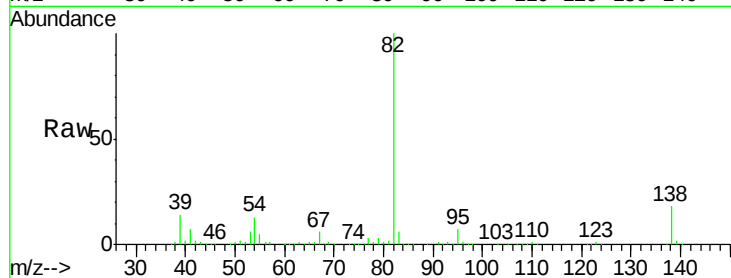
ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:	82	Resp:	800119
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.2
138	17.9	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.869 ng

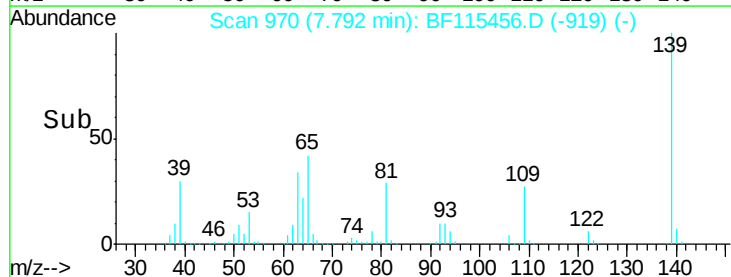
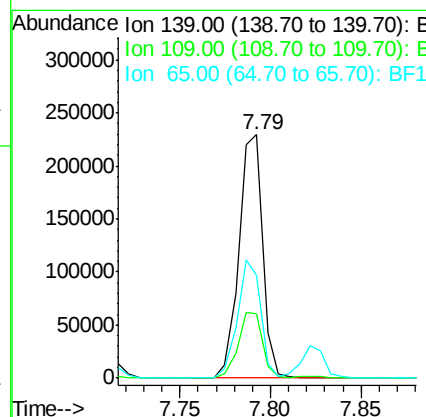
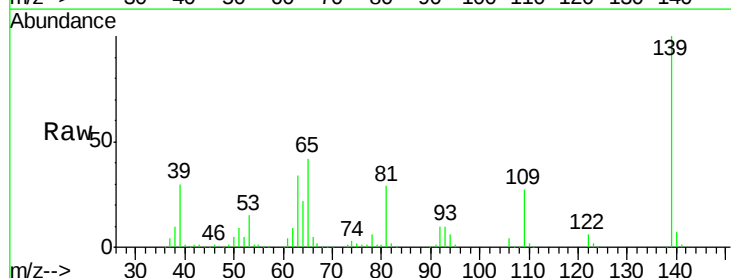
RT: 7.79 min Scan# 970

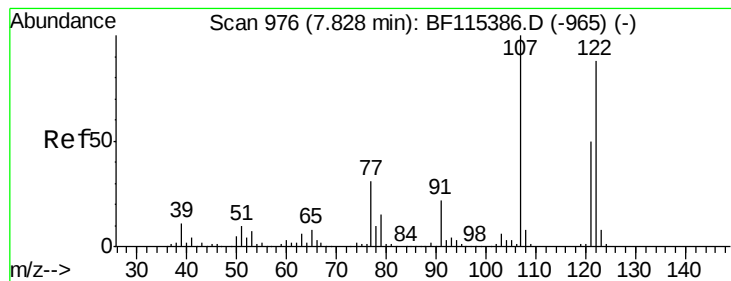
Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	139	Resp:	208934
Ion Ratio		Lower	Upper
139	100		
109	26.6	22.2	33.4
65	42.4	37.5	56.3





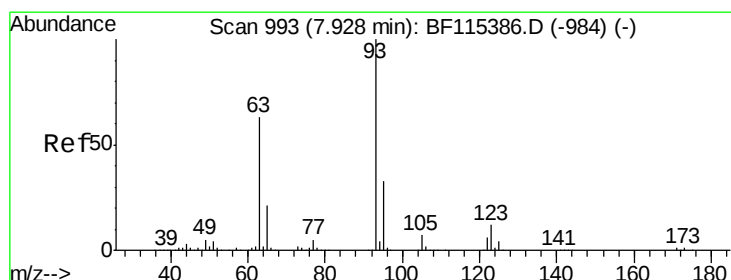
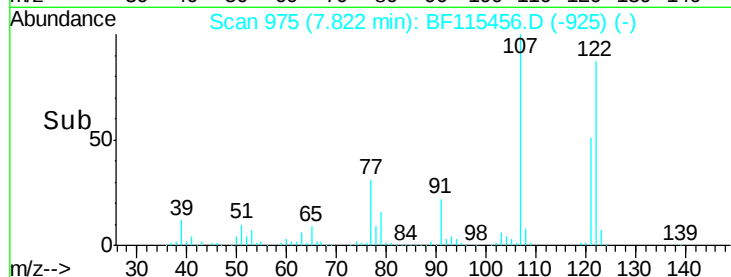
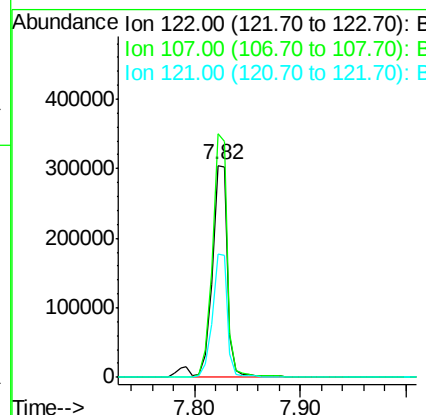
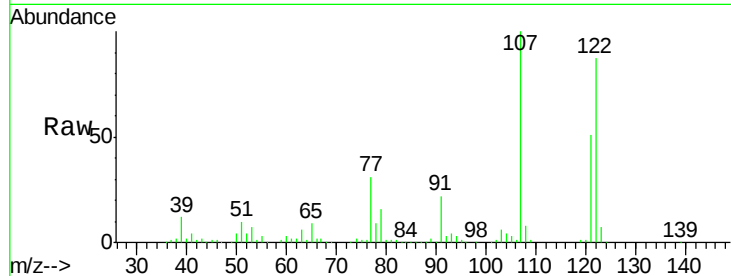
#27
 2,4-Dimethylphenol
 Concen: 35.066 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	304575		
107	115.0	91.7	137.5	
121	58.5	47.7	71.5	

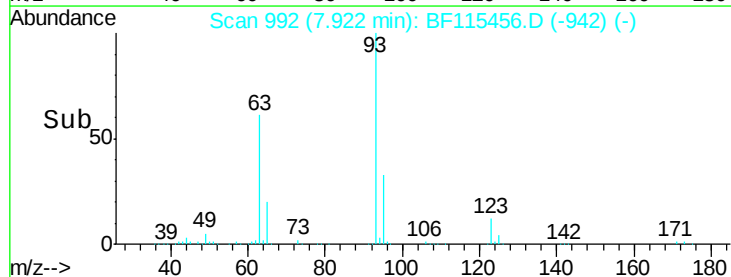
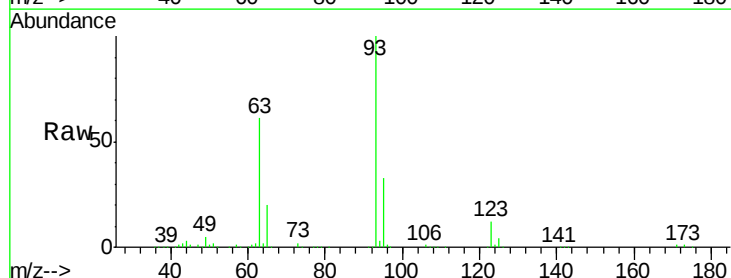
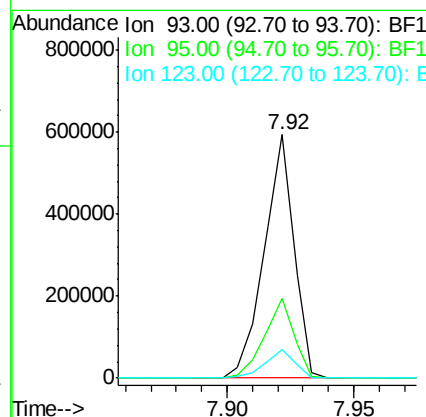
Manual Integrations
 APPROVED

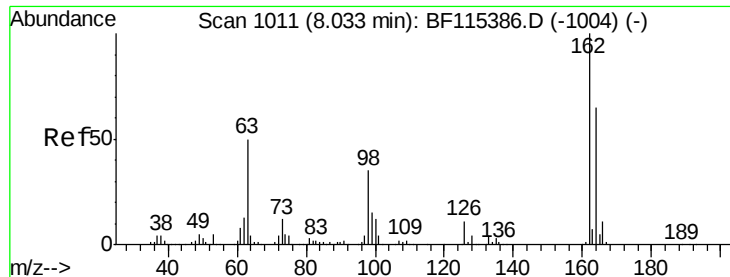
mohammad
 7/11/2019 5:22:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.420 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	490680		
95	32.9	26.6	39.8	
123	11.7	10.4	15.6	





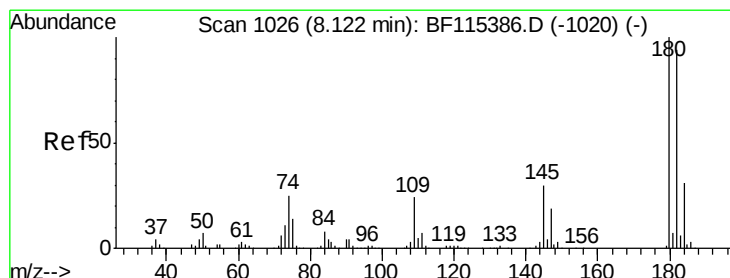
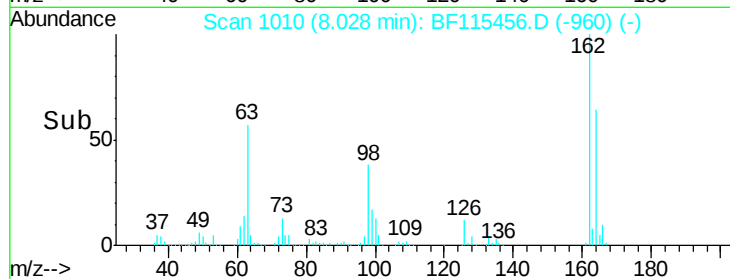
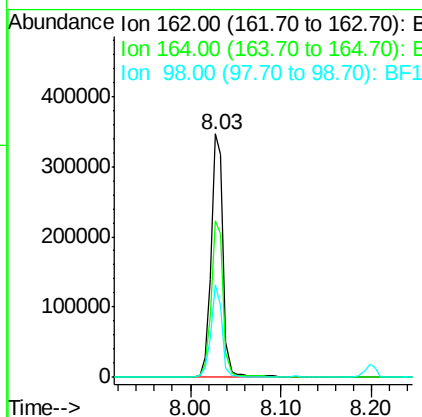
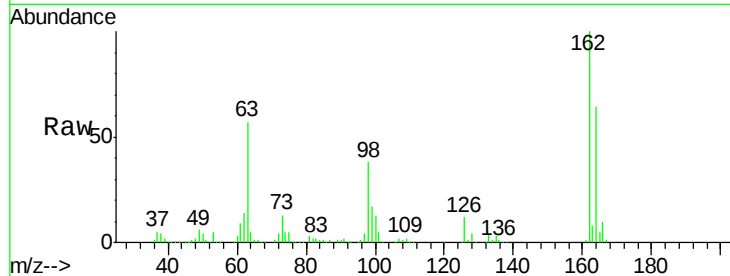
#29
 2,4-Dichlorophenol
 Concen: 37.744 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	326524		
164	64.2	45.2	85.2	
98	38.3	17.0	57.0	

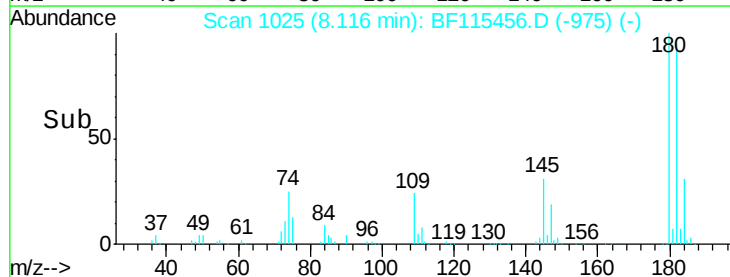
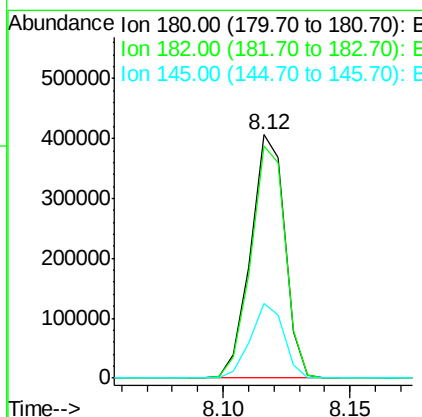
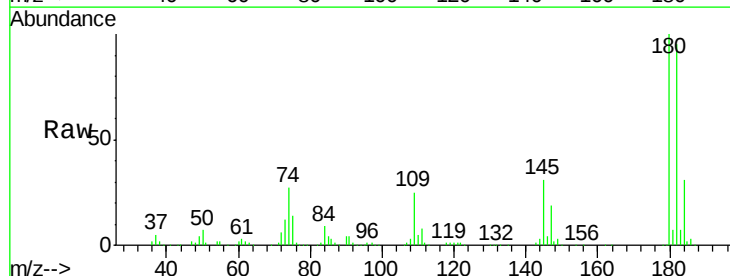
Manual Integrations
 APPROVED

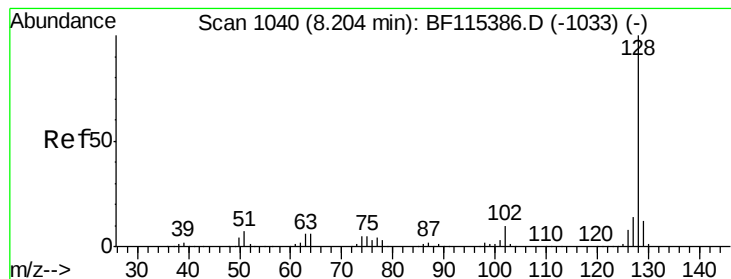
mohammad
 7/11/2019 5:22:08 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.729 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	382624		
182	95.3	77.1	115.7	
145	30.9	23.9	35.9	





#31

Naphthalene

Concen: 40.671 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:128 Resp: 1170953

Ion Ratio Lower Upper

128 100

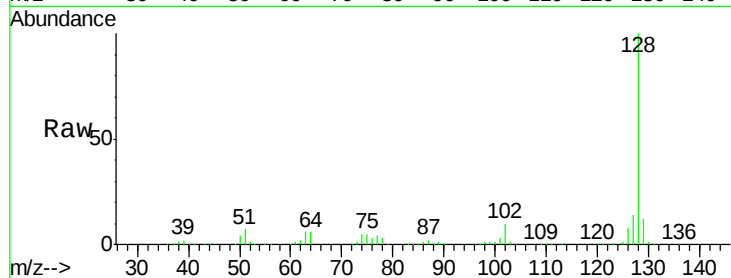
129 11.6 9.3 13.9

127 13.9 11.1 16.7

Manual Integrations
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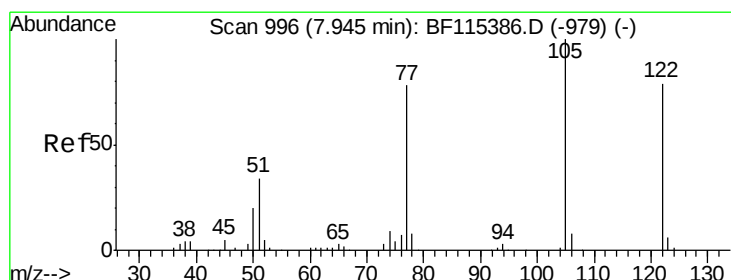
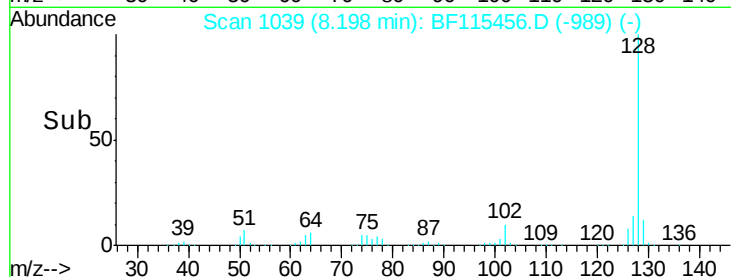
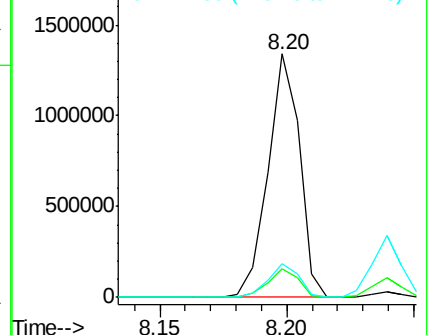
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.195 ng m

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

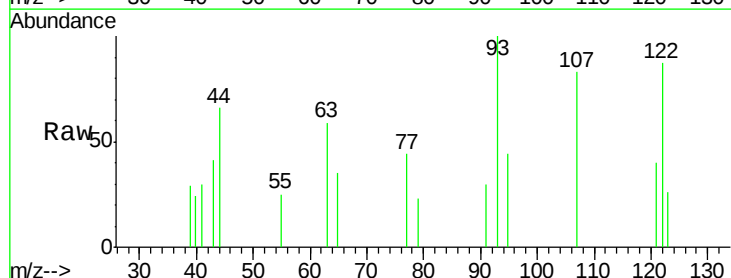
Tgt Ion:122 Resp: 1109

Ion Ratio Lower Upper

122 100

105 0.0 101.6 141.6#

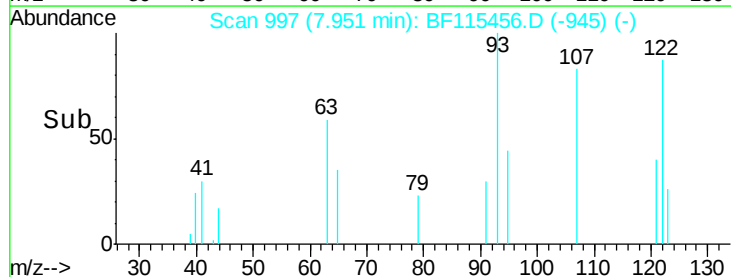
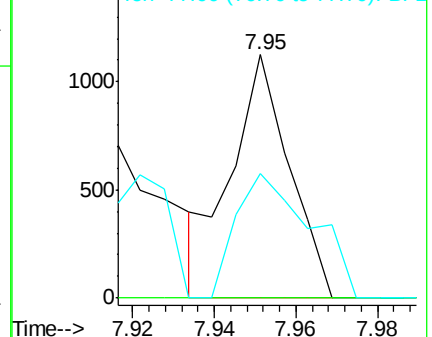
77 50.9 69.1 109.1#

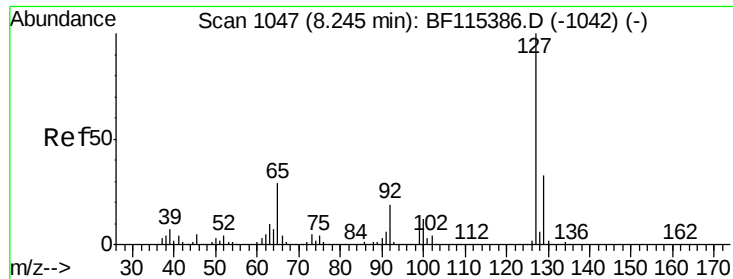


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





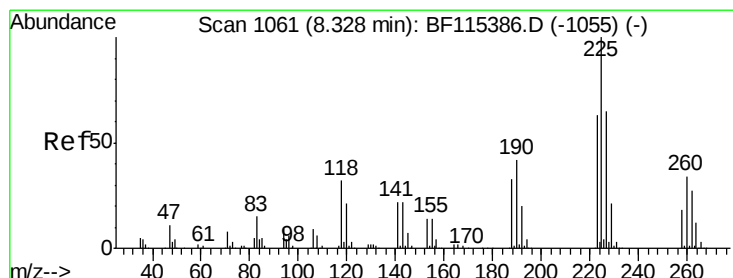
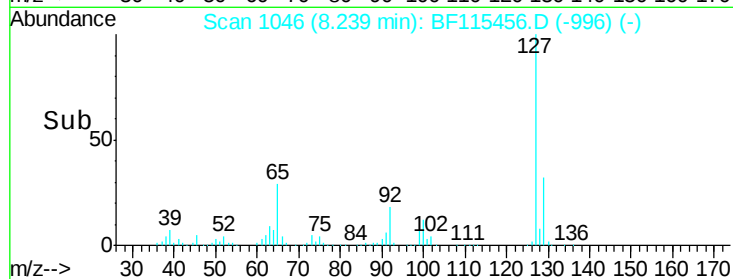
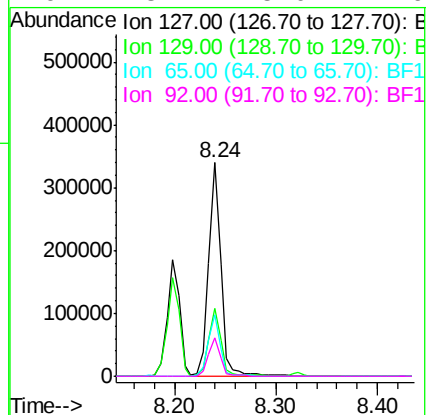
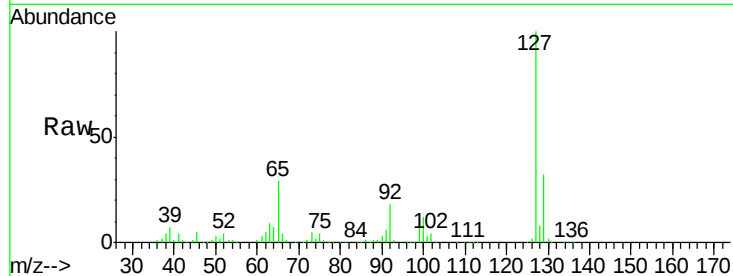
#33
4-Chloroaniline
Concen: 22.252 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	285843		
129	32.1	26.1	39.1	
65	28.7	23.2	34.8	
92	18.2	15.0	22.6	

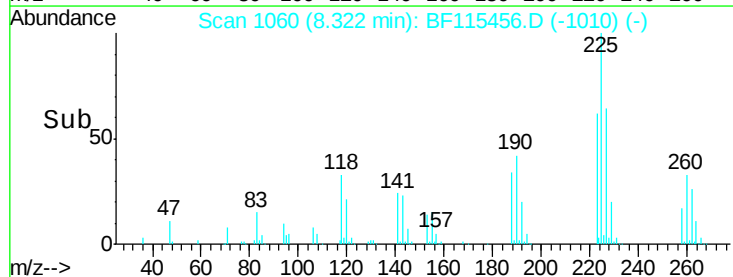
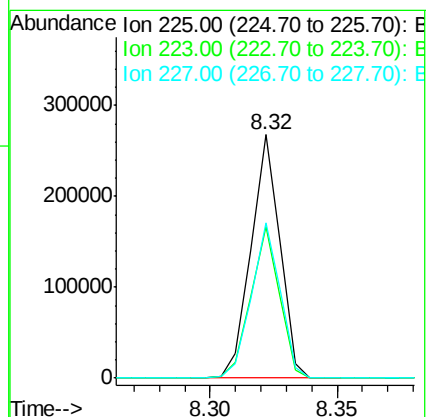
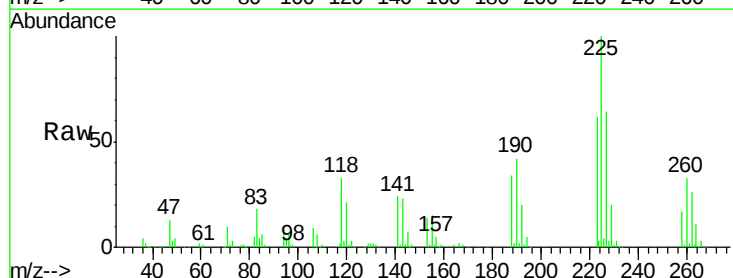
Manual Integrations
APPROVED

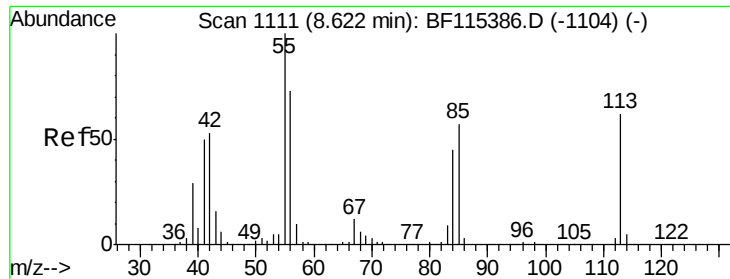
mohammad
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#34
Hexachlorobutadiene
Concen: 38.957 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212774		
223	62.3	50.6	76.0	
227	63.6	51.4	77.2	





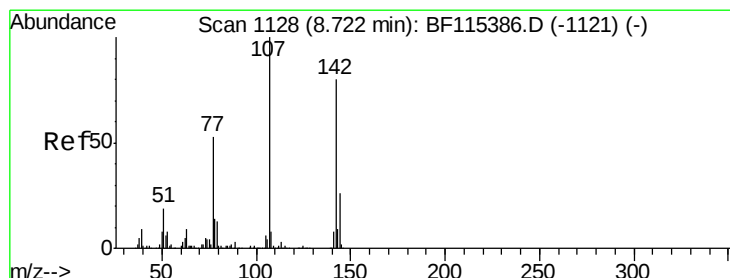
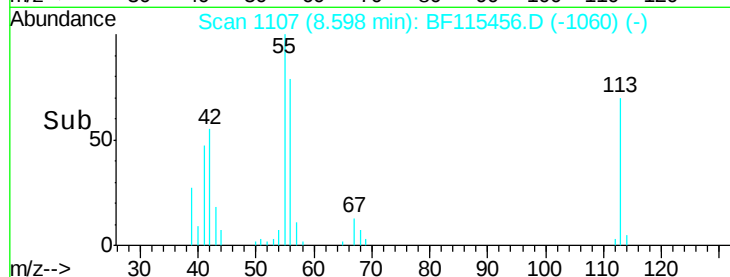
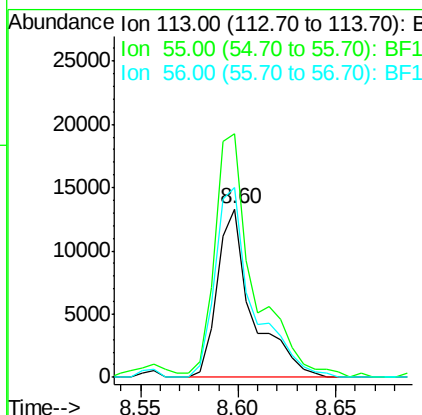
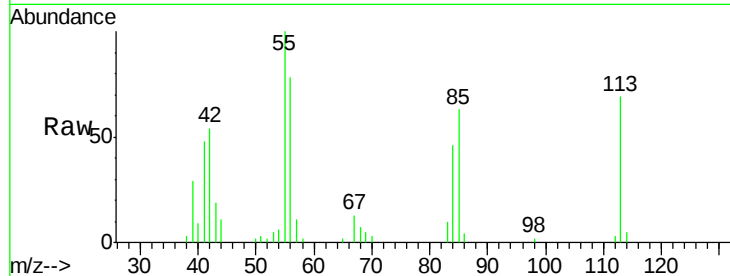
#35
 Caprolactam
 Concen: 5.917 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	144.8	138.1	178.1
56	113.1	95.7	135.7

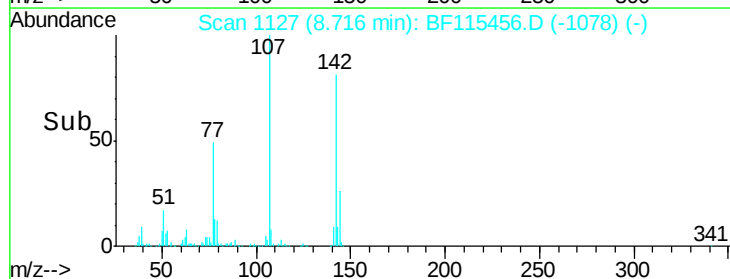
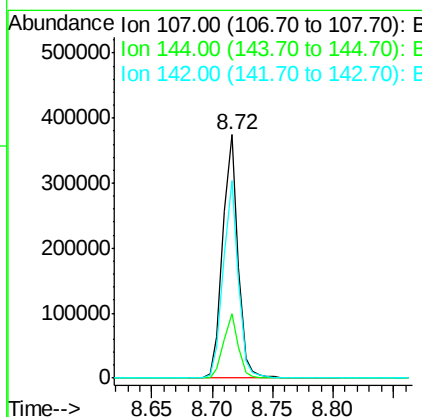
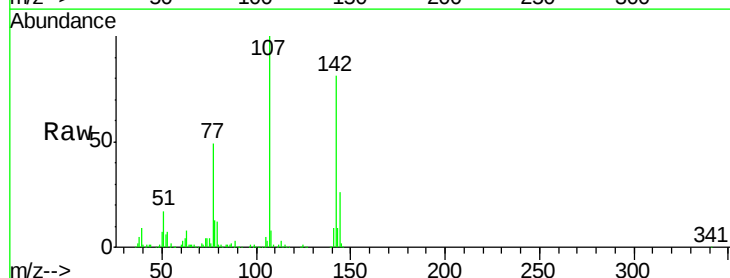
Manual Integrations
 APPROVED

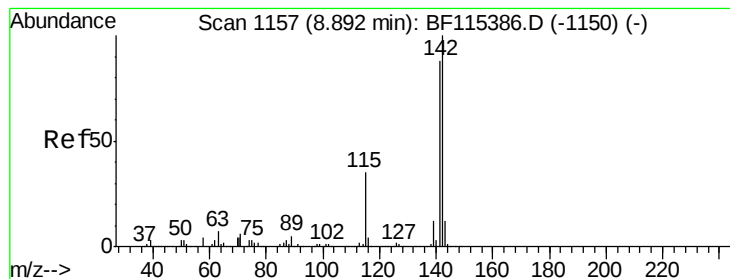
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 35.792 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.5	32.3
142	80.9	66.2	99.2





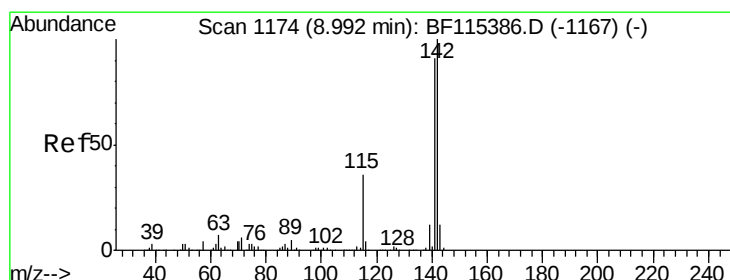
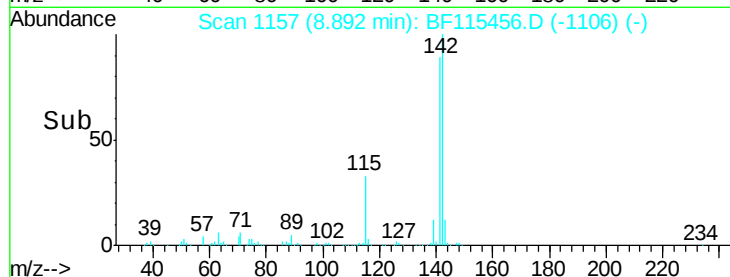
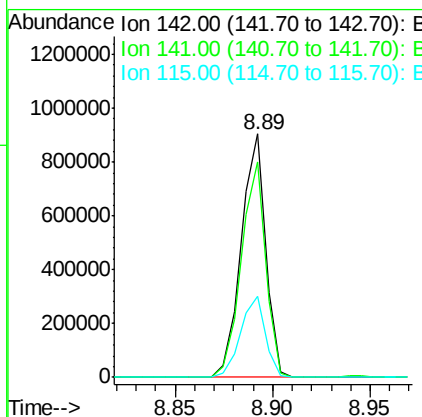
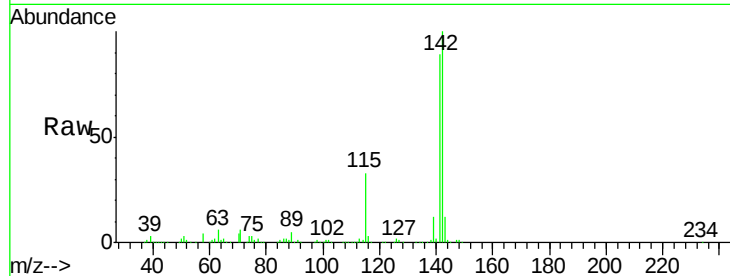
#37
2-Methylnaphthalene
Concen: 41.004 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.1	108.1
115	33.3	27.6	41.4

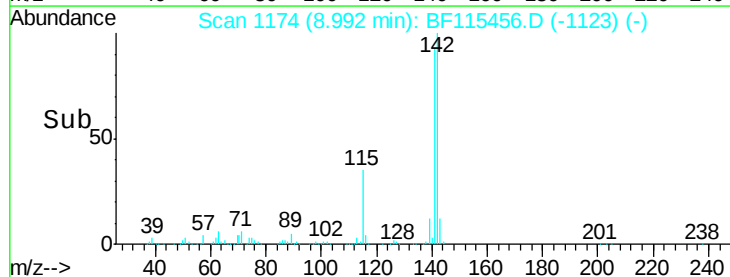
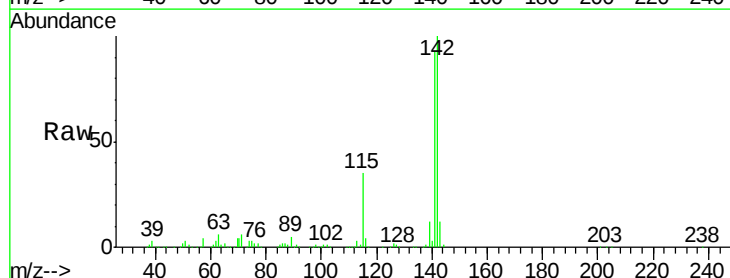
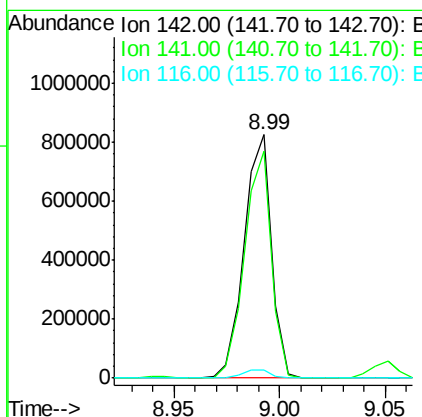
Manual Integrations
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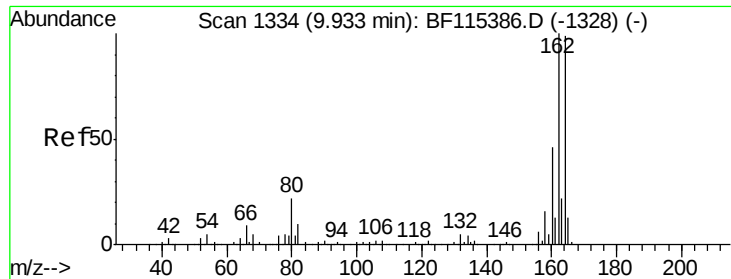
mohammad
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#38
1-Methylnaphthalene
Concen: 40.133 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.3	111.5
116	3.5	3.1	4.7





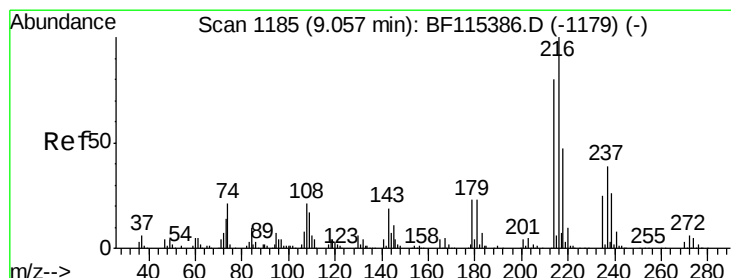
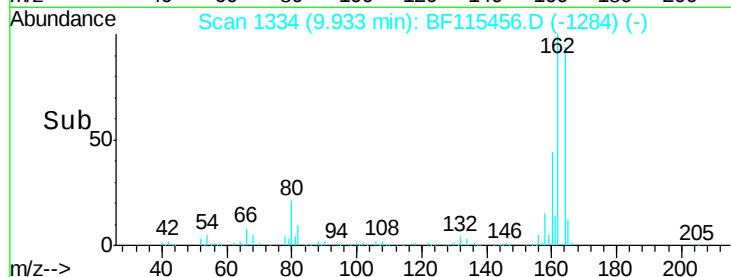
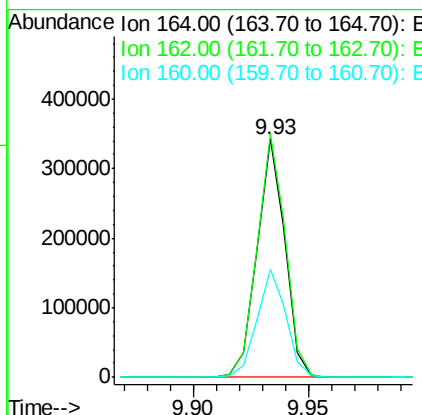
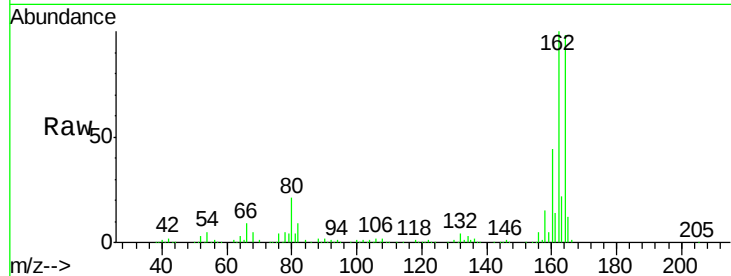
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	288112		
162	102.3	82.3	123.5	
160	45.3	37.2	55.8	

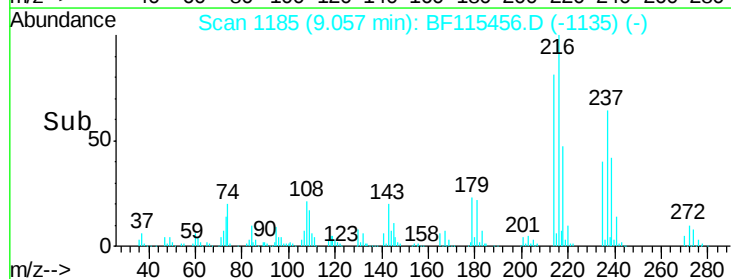
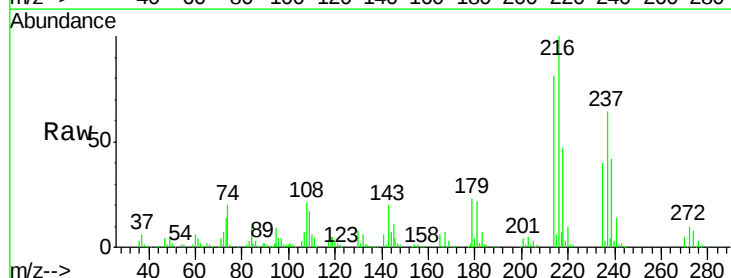
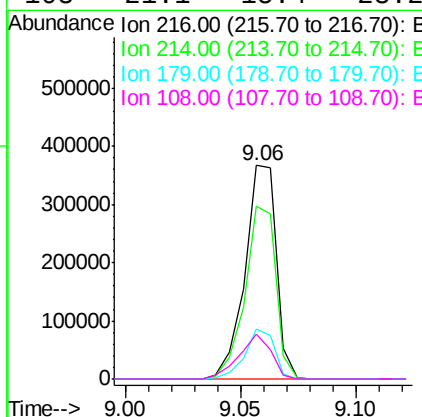
Manual Integrations
APPROVED

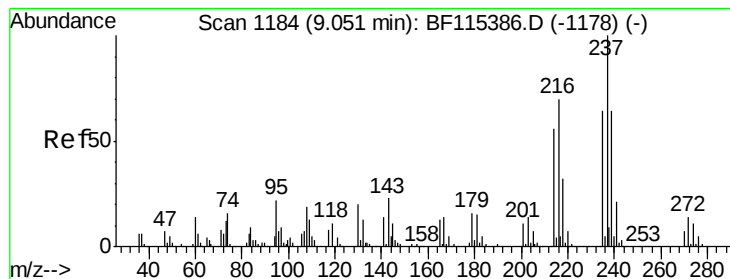
mohammad
7/11/2019 5:22:08 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.255 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	350235		
214	79.4	63.0	94.6	
179	21.8	17.4	26.0	
108	21.1	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 79.743 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

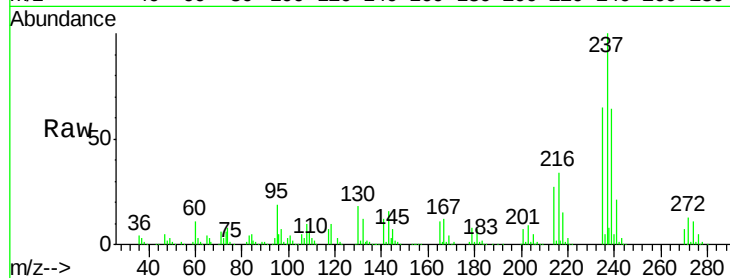
ClientSampleId :

SP19-JMW0991MSD

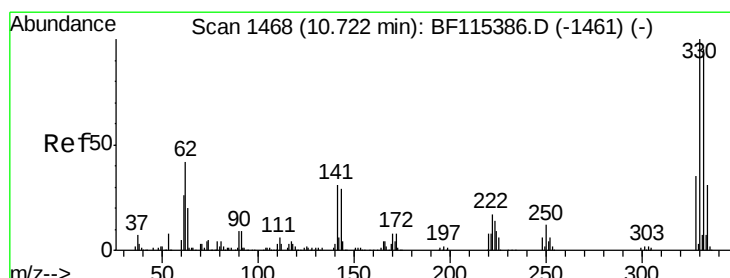
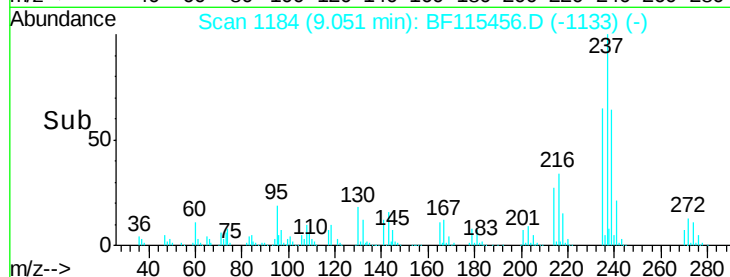
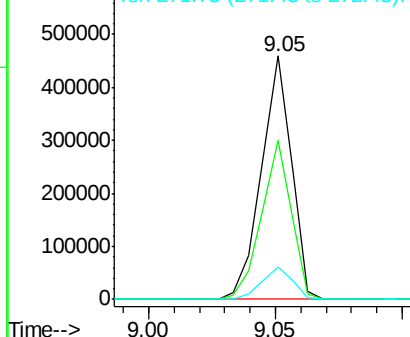
Tgt Ion:	237	Resp:	383086
Ion Ratio	Lower	Upper	
237	100		
235	65.3	43.4	83.4
272	13.5	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 113.024 ng

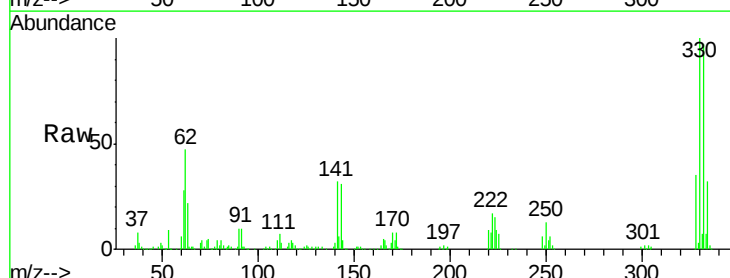
RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

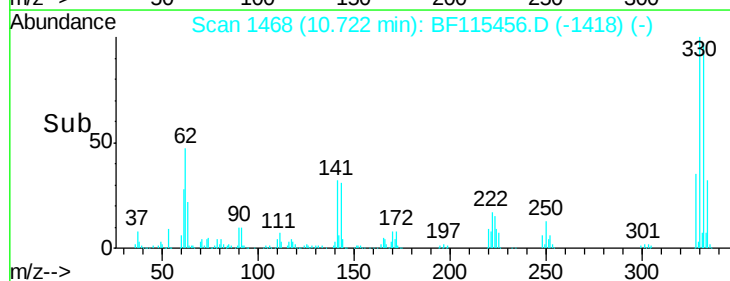
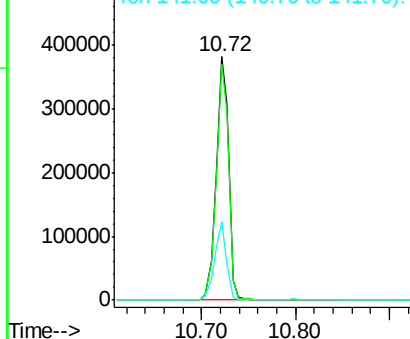
Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	330	Resp:	360044
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.0
141	30.7	24.7	37.1



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





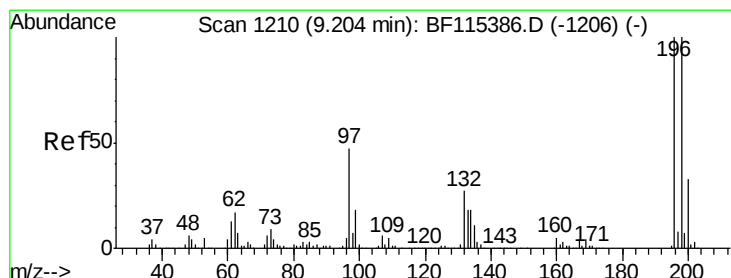
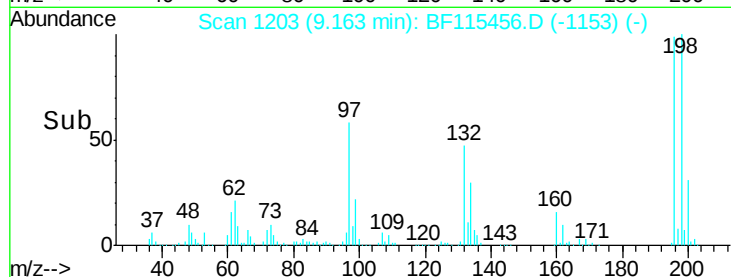
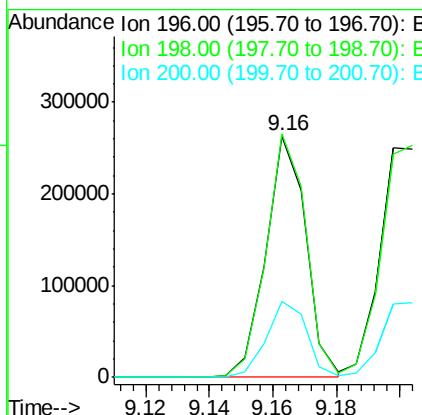
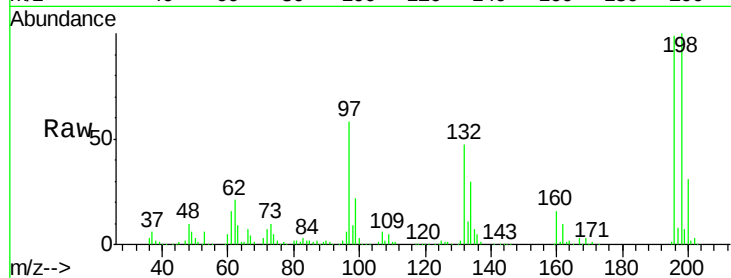
#43
 2,4,6-Trichlorophenol
 Concen: 38.201 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230519		
198	100.8	78.2	117.4	
200	31.4	25.0	37.6	

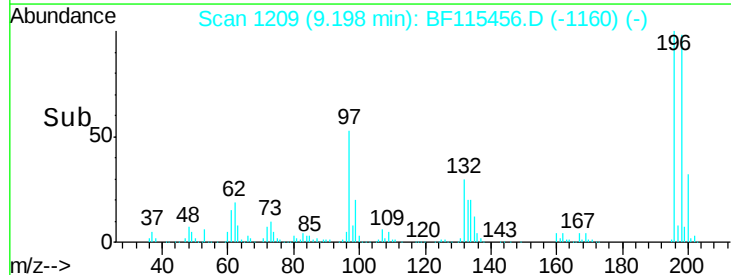
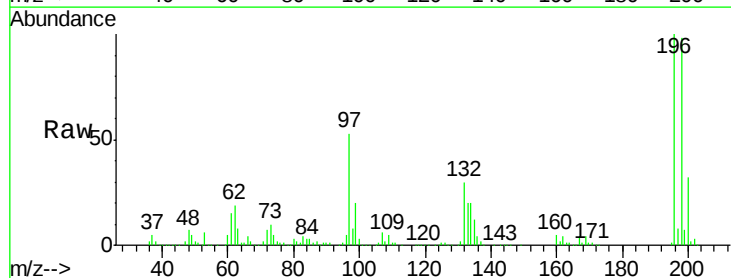
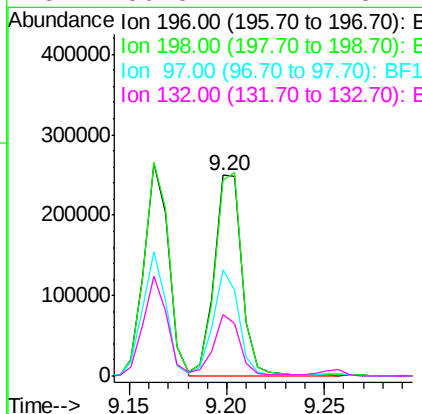
Manual Integrations
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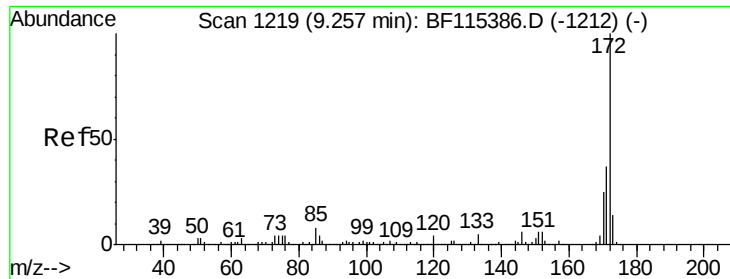
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.104 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244677		
198	97.6	80.6	120.8	
97	52.8	34.0	51.0#	
132	30.3	21.4	32.2	





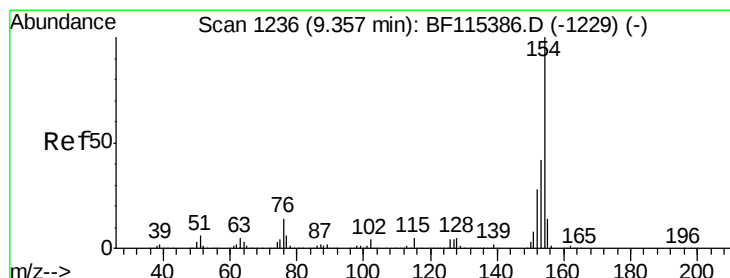
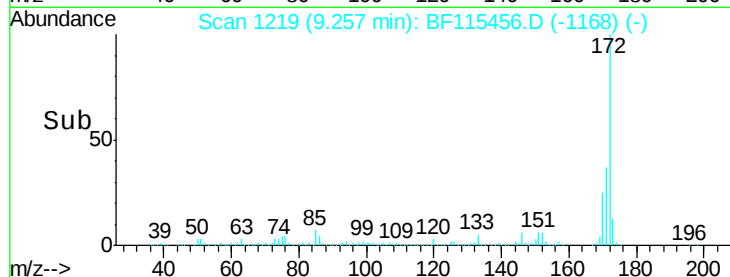
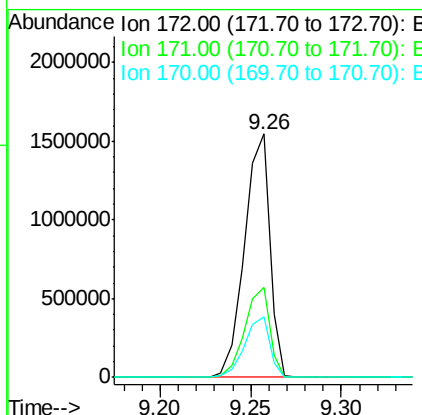
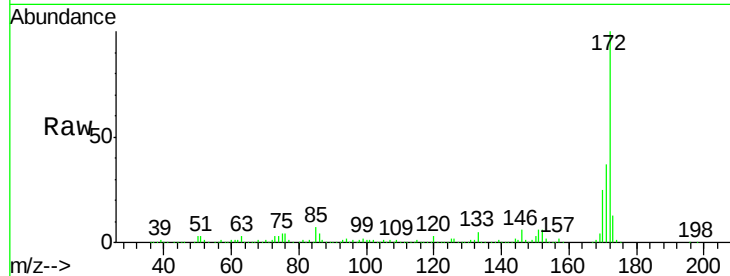
#45
2-Fluorobiphenyl
Concen: 91.415 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.8
170	24.8	20.0	30.0

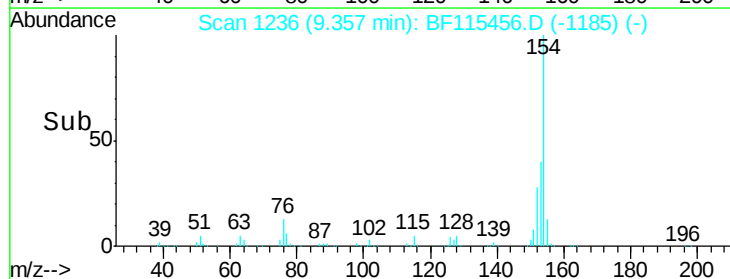
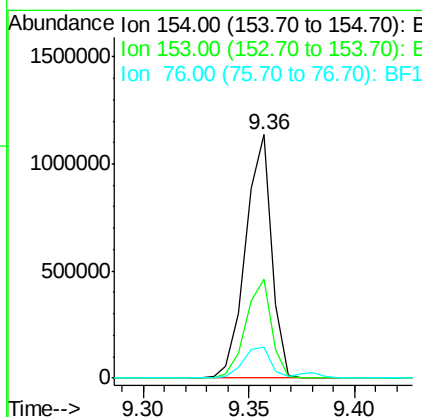
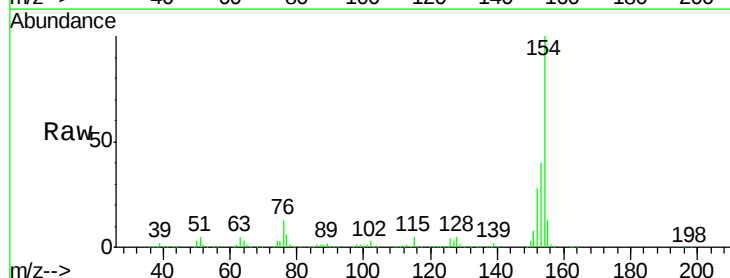
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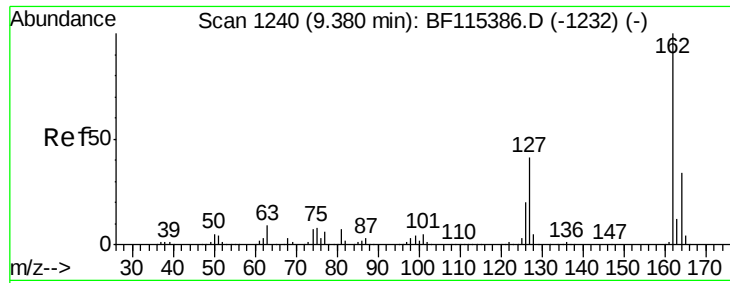
mohammad
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#46
1,1'-Biphenyl
Concen: 42.772 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.5	61.5
76	13.1	0.0	34.6





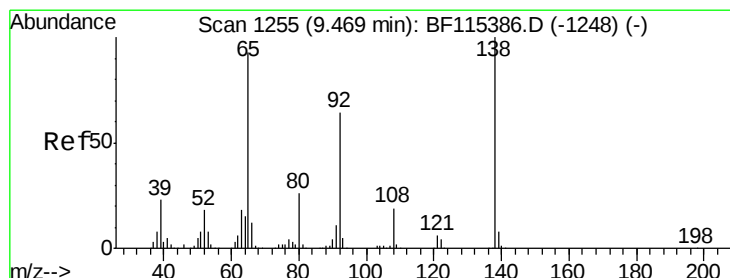
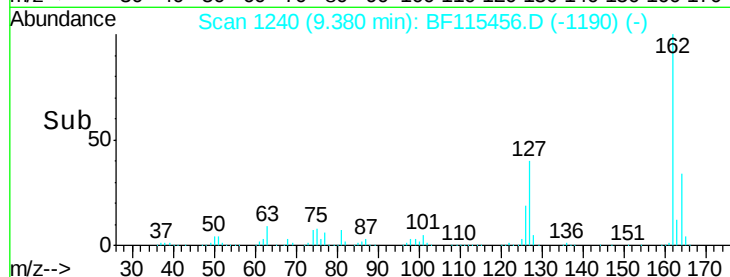
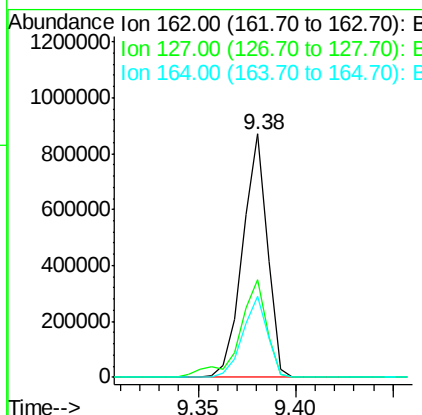
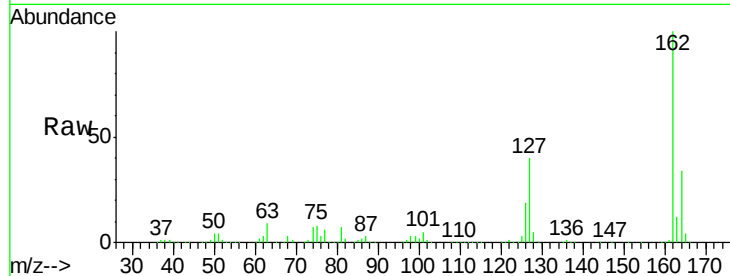
#47
2-Chloronaphthalene
Concen: 40.646 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.1	31.4	47.0
164	33.5	27.2	40.8

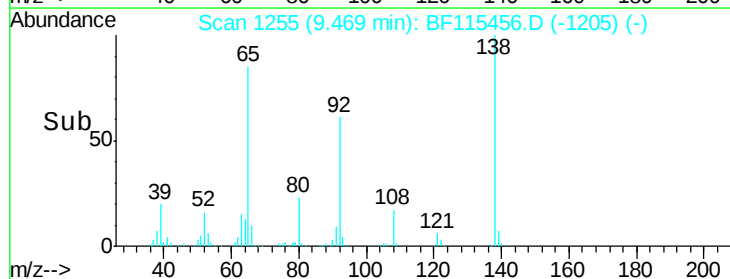
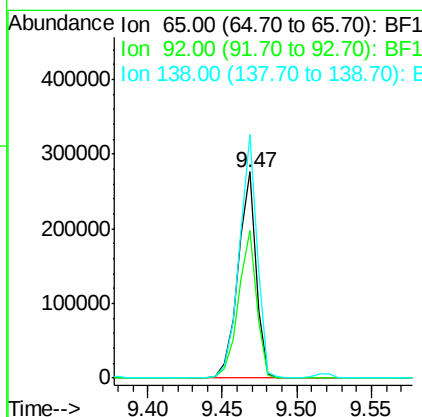
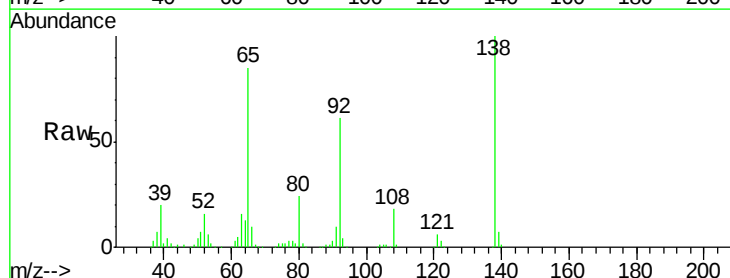
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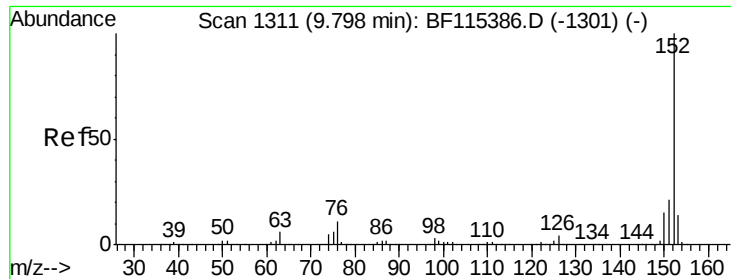
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#48
2-Nitroaniline
Concen: 42.821 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	71.4	59.0	88.4
138	117.9	98.3	147.5





#49

Acenaphthylene

Concen: 41.358 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115456.D

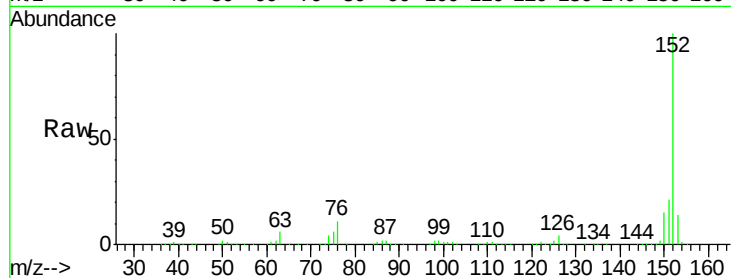
Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD



Tgt Ion:152 Resp: 1172176

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

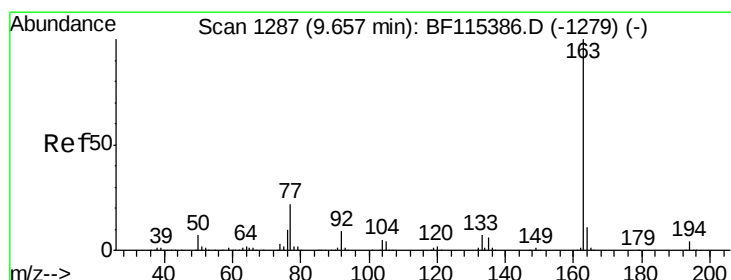
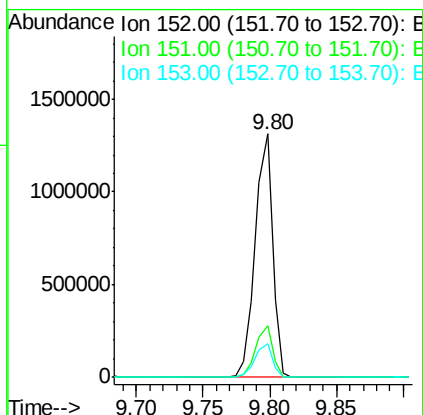
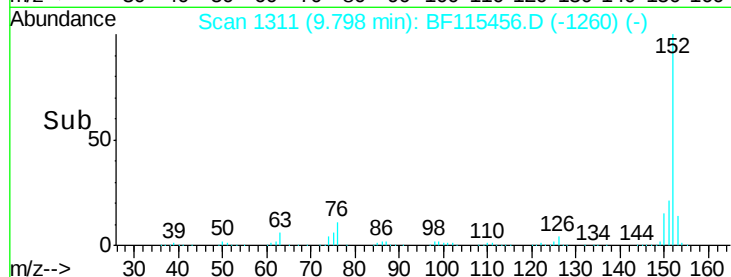
153 13.9 11.8 17.6

Manual Integrations

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#50

Dimethylphthalate

Concen: 45.506 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

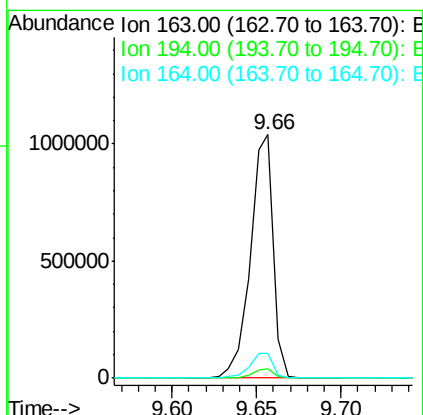
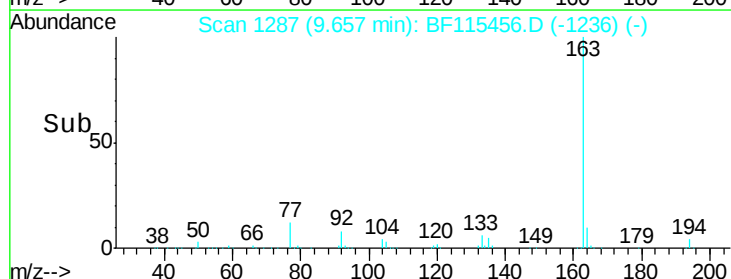
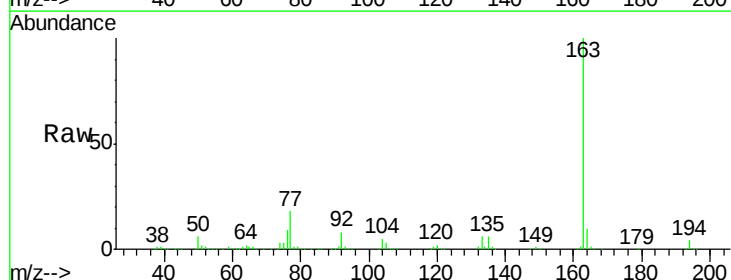
Tgt Ion:163 Resp: 984053

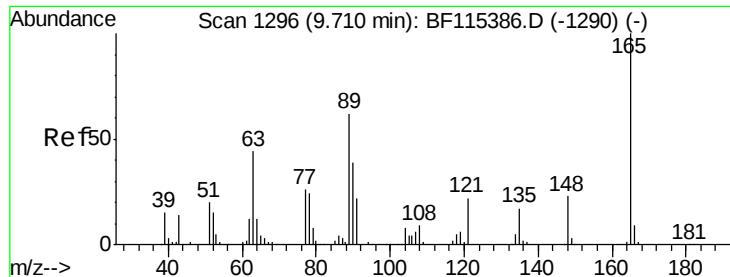
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.6 13.0





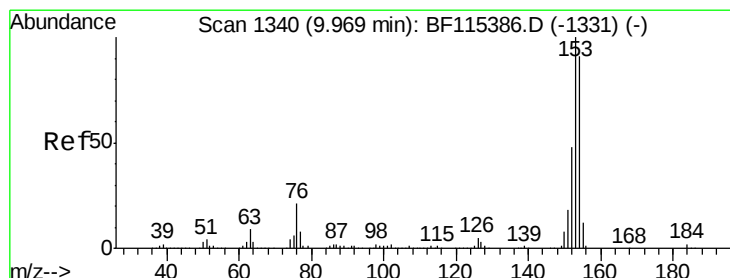
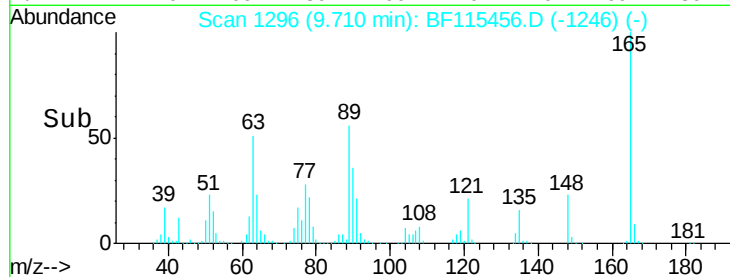
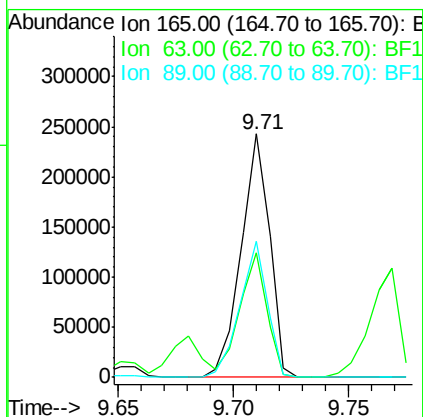
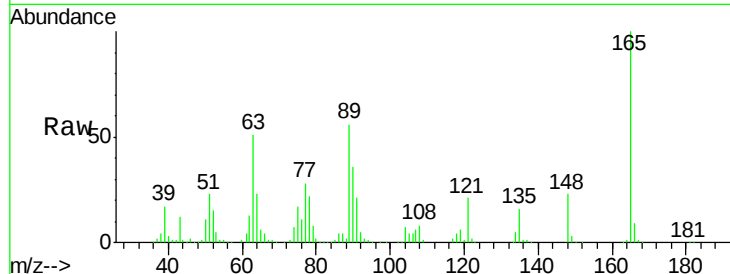
#51
2,6-Dinitrotoluene
Concen: 44.731 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209785		
63	51.4	39.7	59.5	
89	55.7	42.8	64.2	

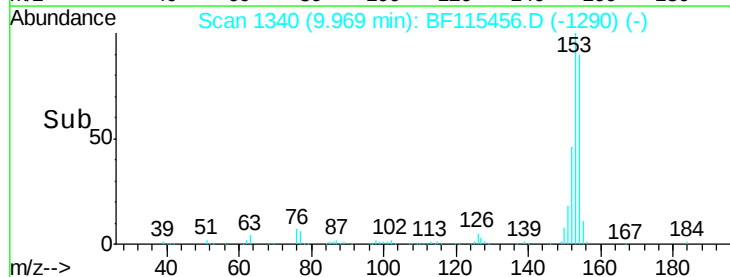
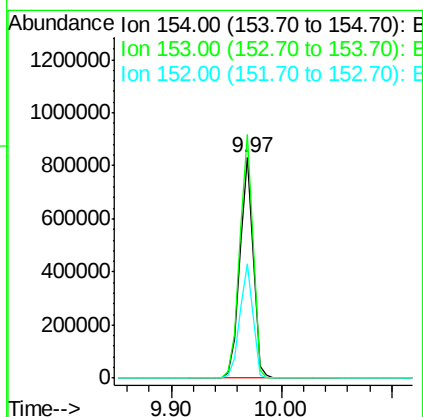
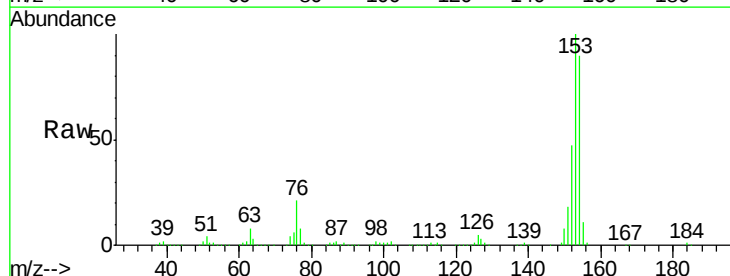
Manual Integrations
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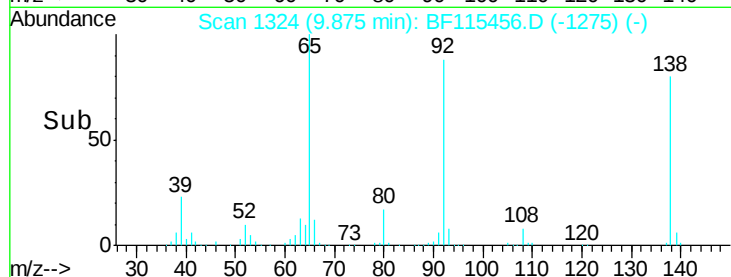
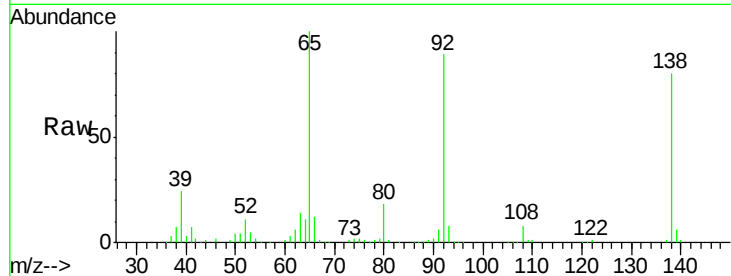
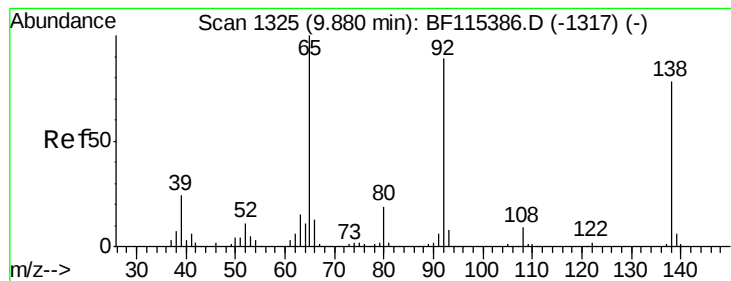
mohammad
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#52
Acenaphthene
Concen: 39.889 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	711519		
153	110.6	89.8	134.8	
152	51.7	41.4	62.0	





#53

3-Nitroaniline

Concen: 30.824 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	138	Resp:	167903
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.5	12.7
92	112.0	86.1	129.1

Instrument :

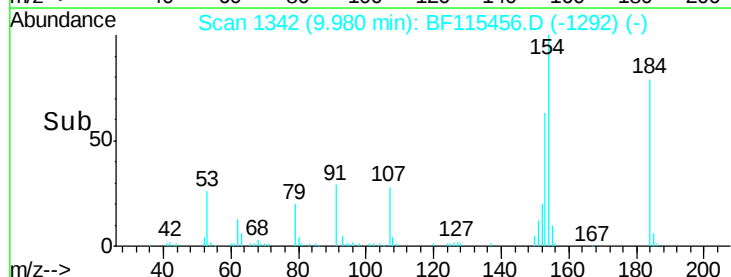
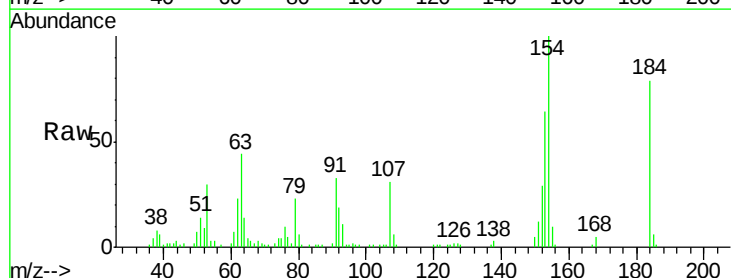
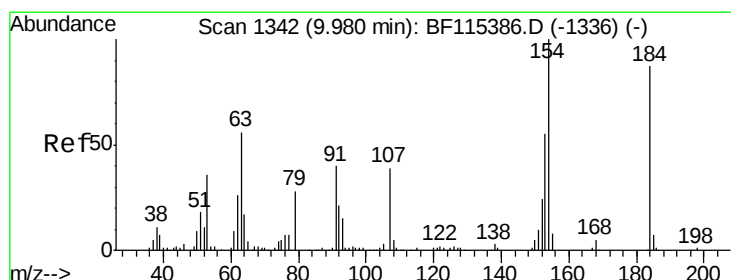
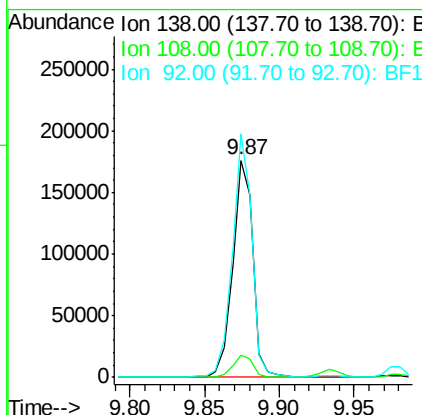
BNA_F

ClientSampleId :

SP19-JMW0991MSD

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#54

2,4-Dinitrophenol

Concen: 23.529 ng

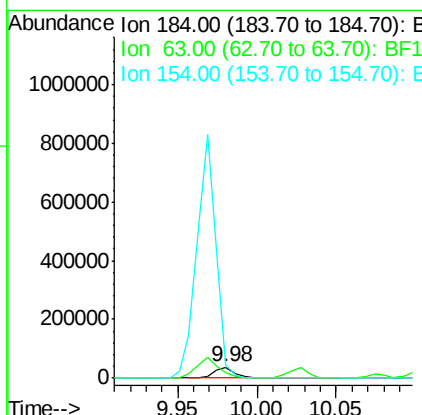
RT: 9.98 min Scan# 1342

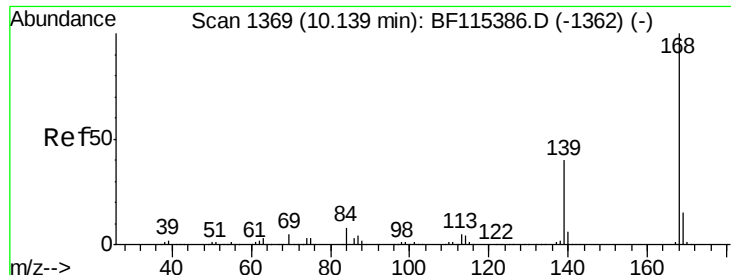
Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	184	Resp:	31908
Ion Ratio	Lower	Upper	
184	100		
63	56.4	45.8	68.6
154	127.0	52.8	79.2#





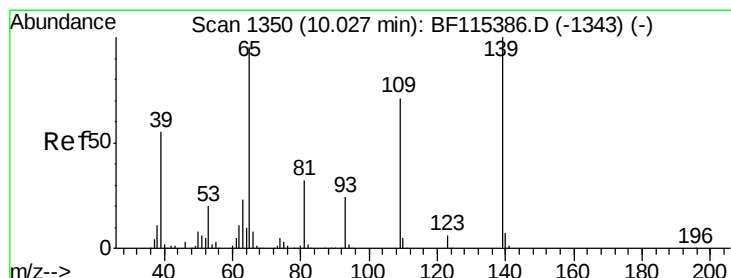
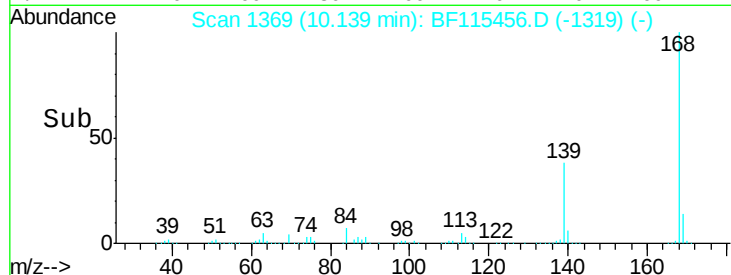
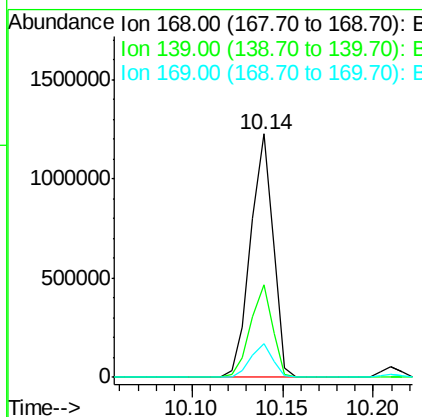
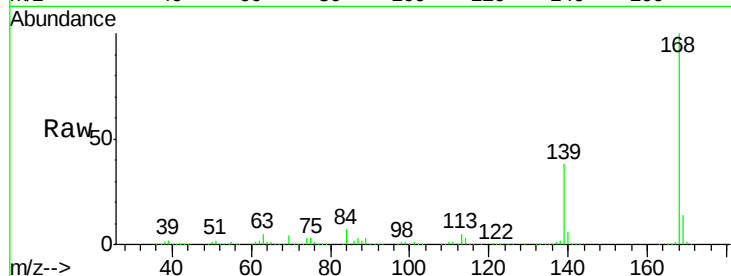
#55
Dibenzenofuran
Concen: 42.510 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion:168 Resp: 1068151
Ion Ratio Lower Upper
168 100
139 38.1 30.6 46.0
169 13.8 11.0 16.6

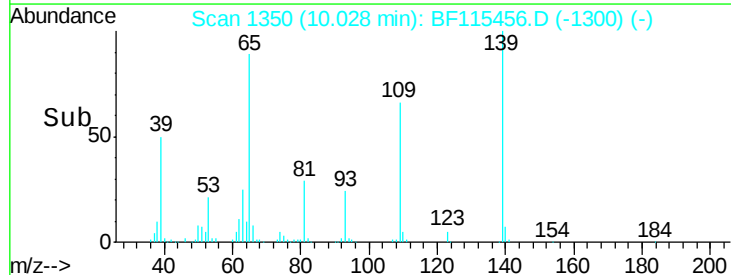
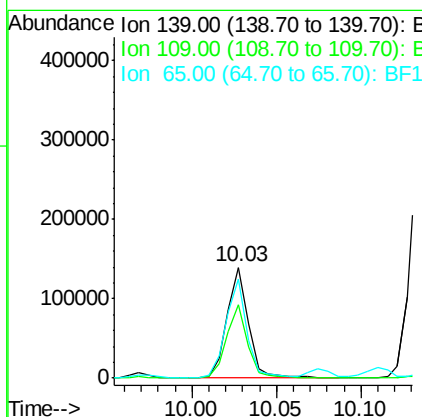
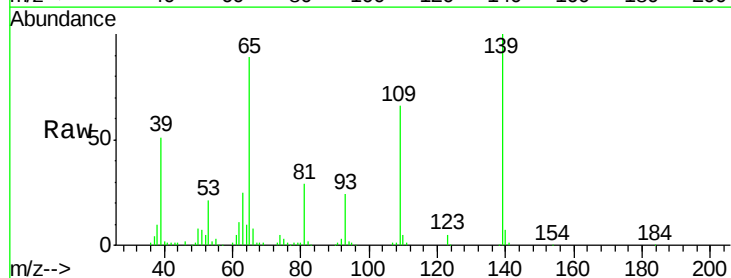
Manual Integrations
APPROVED

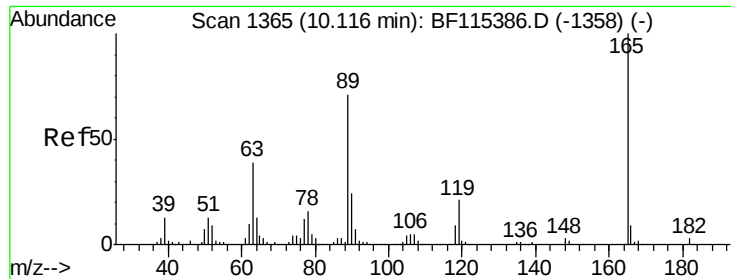
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#56
4-Nitrophenol
Concen: 29.292 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:139 Resp: 123446
Ion Ratio Lower Upper
139 100
109 66.0 46.4 86.4
65 89.4 73.4 113.4





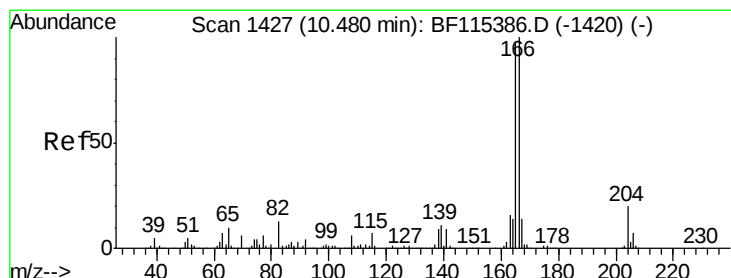
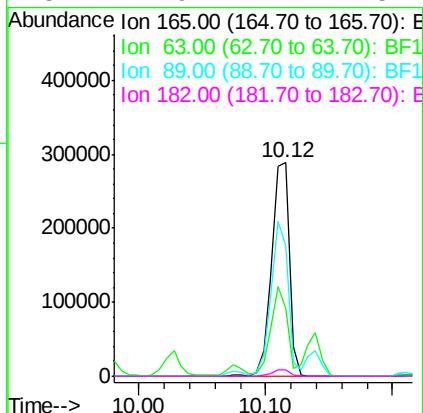
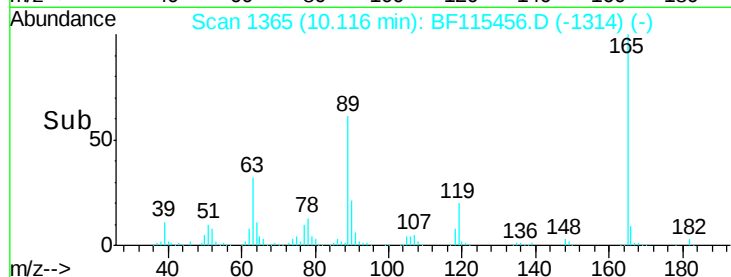
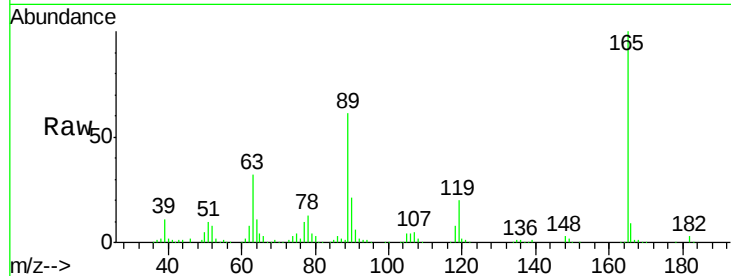
#57
2,4-Dinitrotoluene
Concen: 46.939 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	31.9	33.0	49.4#
89	60.9	58.5	87.7
182	2.9	2.1	3.1

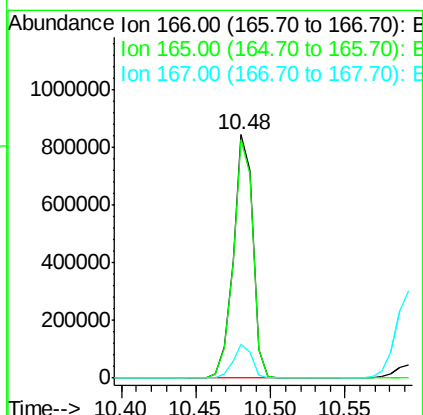
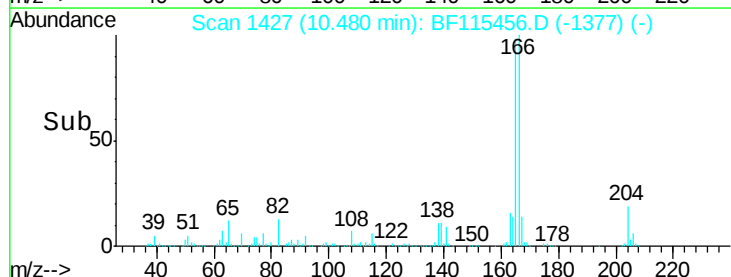
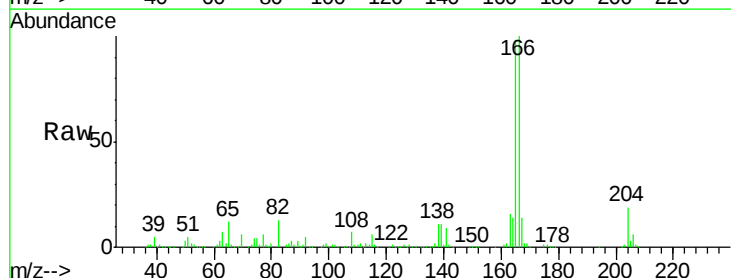
Manual Integrations
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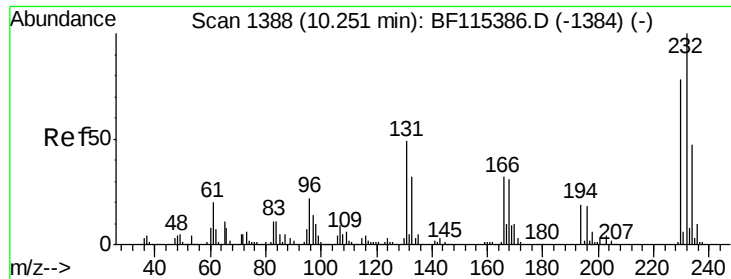
mohammad
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#58
Fluorene
Concen: 39.171 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.1	78.7	118.1
167	14.0	10.8	16.2





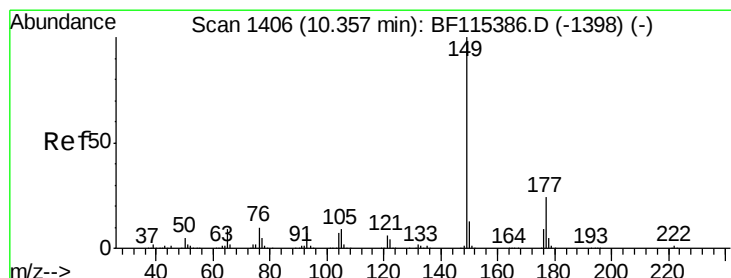
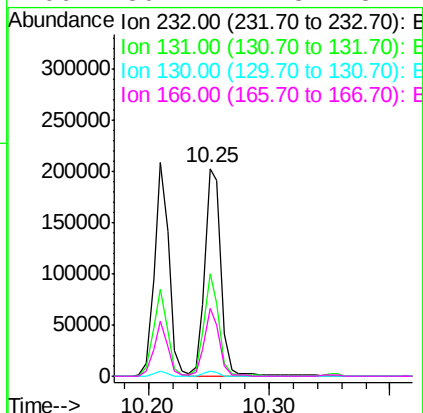
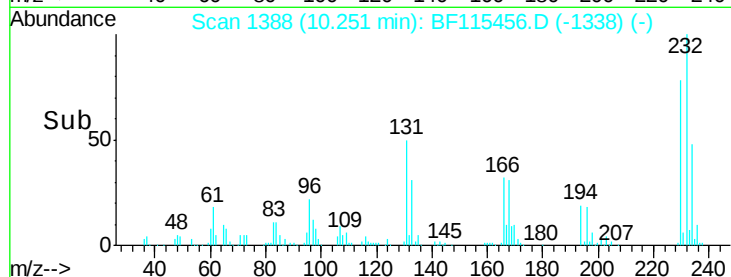
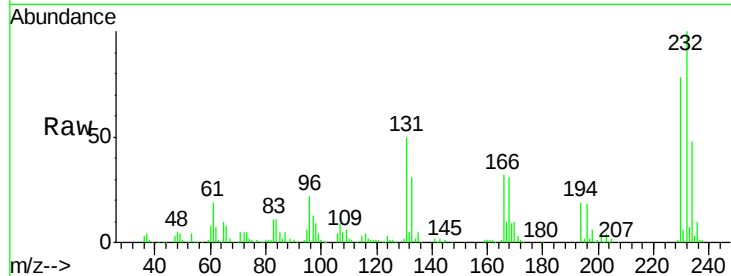
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.885 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion:	232	Resp:	188565
Ion Ratio	Lower	Upper	
232	100		
131	45.0	35.4	53.0
130	2.2	1.7	2.5
166	30.2	24.8	37.2

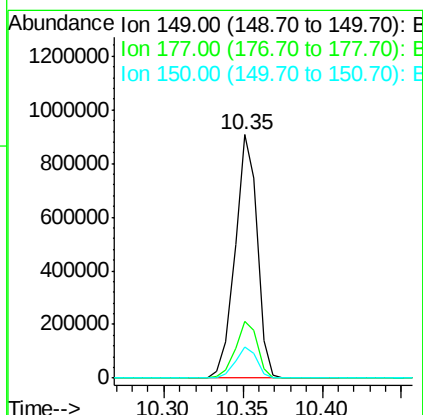
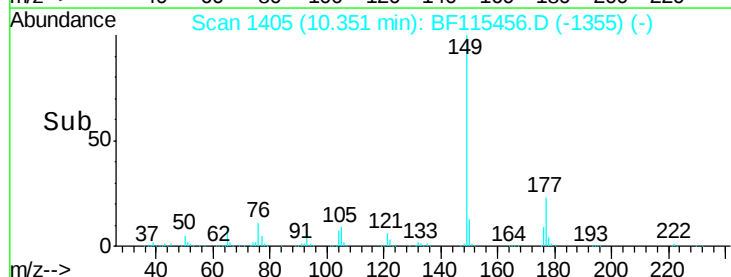
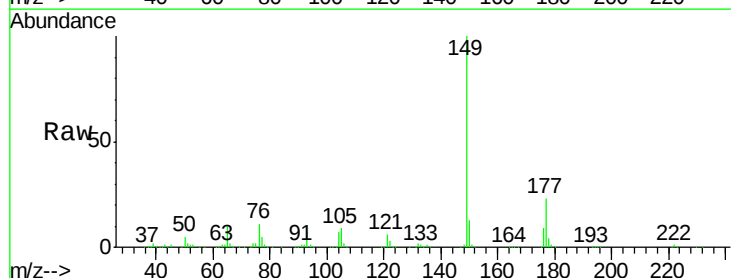
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#60
 Diethylphthalate
 Concen: 40.835 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion:	149	Resp:	869187
Ion Ratio	Lower	Upper	
149	100		
177	23.1	19.0	28.4
150	13.0	10.4	15.6





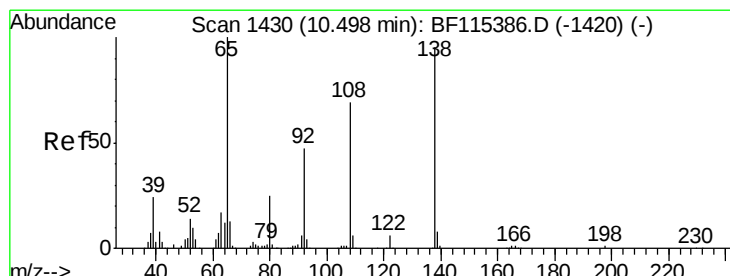
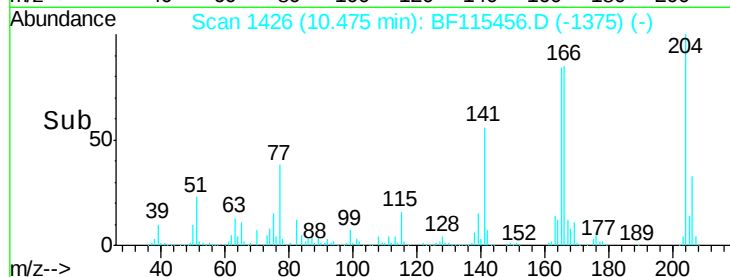
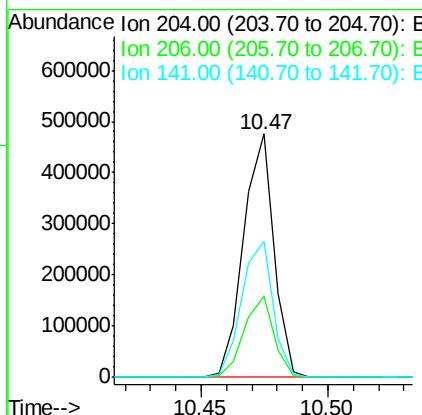
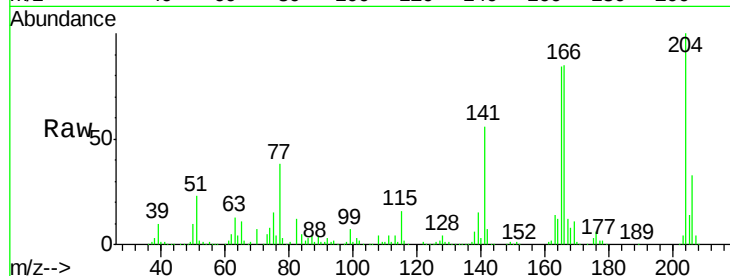
#61
 4-Chlorophenyl-phenylether
 Concen: 41.049 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.8	40.2
141	55.9	47.9	71.9

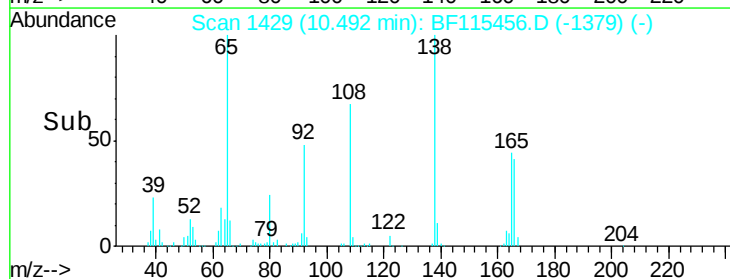
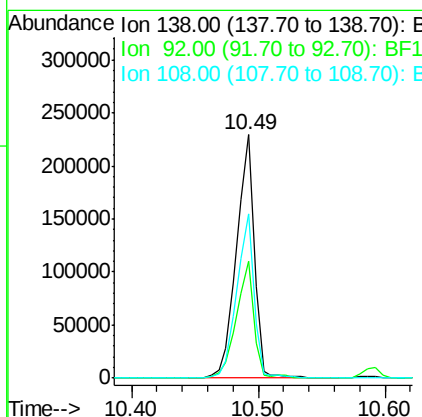
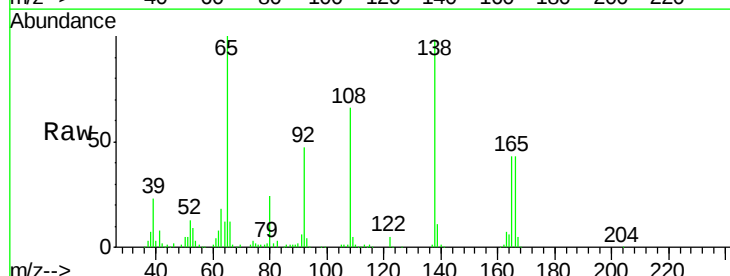
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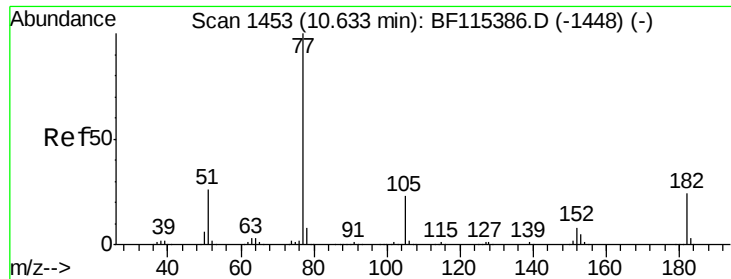
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#62
 4-Nitroaniline
 Concen: 41.715 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	29.9	69.9
108	67.5	49.0	89.0





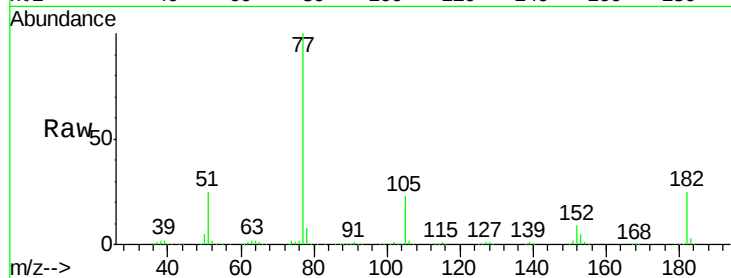
#63
Azobenzene
Concen: 39.283 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

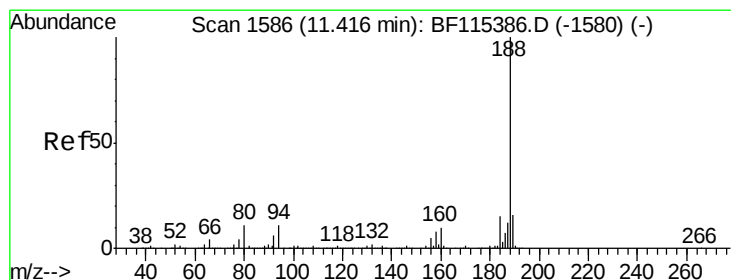
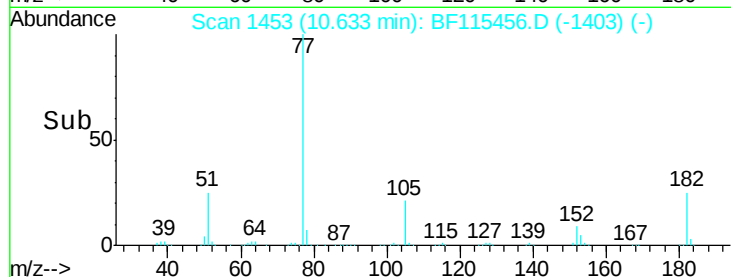
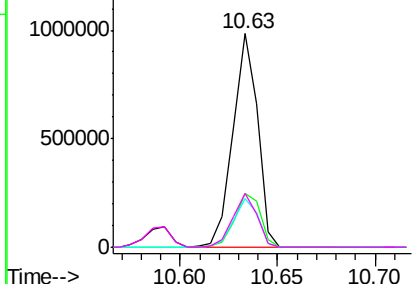
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	7.7	47.7
105	22.5	3.6	43.6
51	25.3	4.8	44.8

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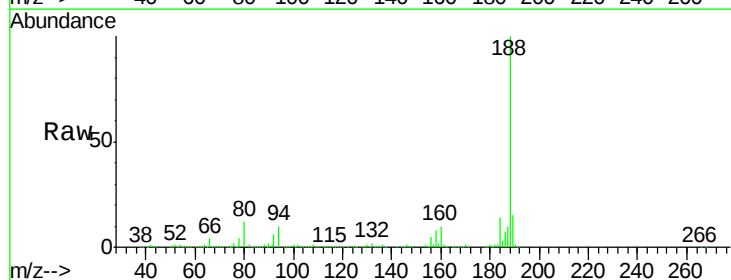


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

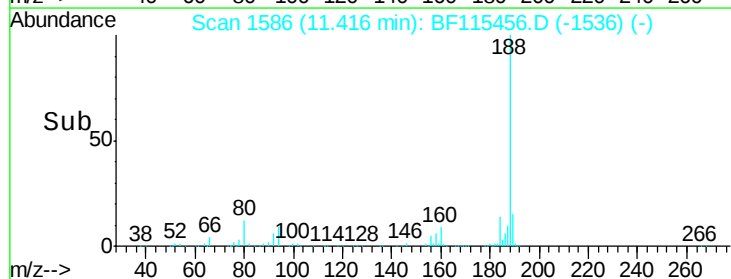
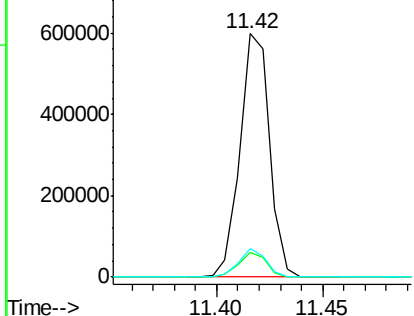


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.8
80	11.7	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: 27.097 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

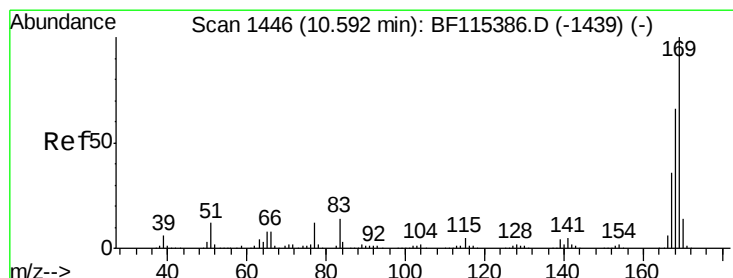
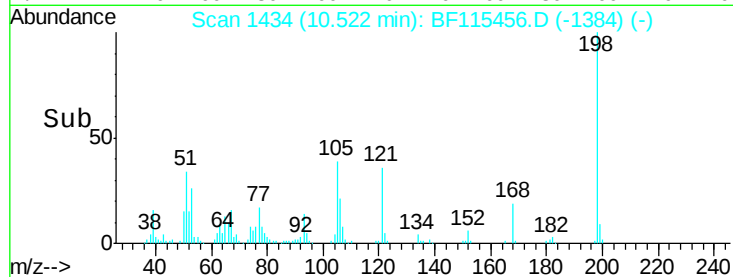
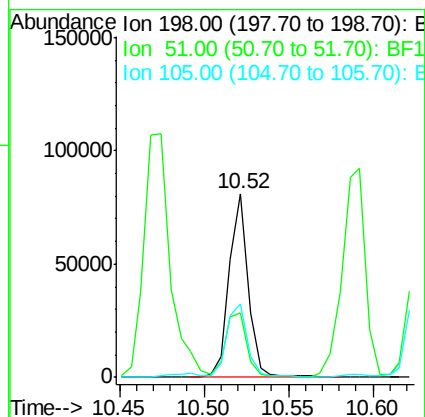
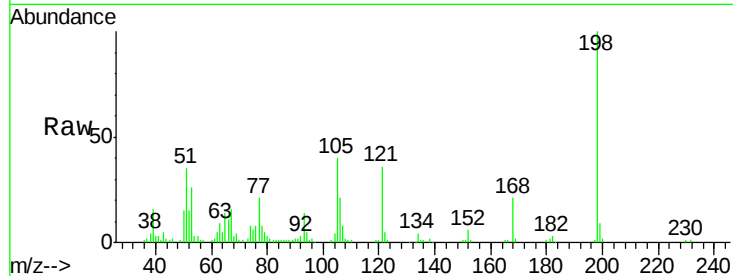
ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:	198	Resp:	63803
Ion Ratio	Lower	Upper	
198	100		
51	35.0	20.7	60.7
105	39.7	25.3	65.3

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#66

n-Nitrosodiphenylamine

Concen: 40.806 ng

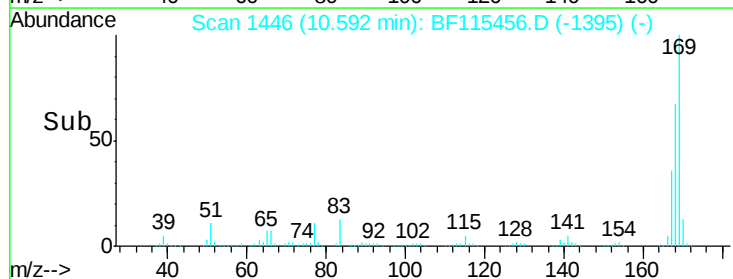
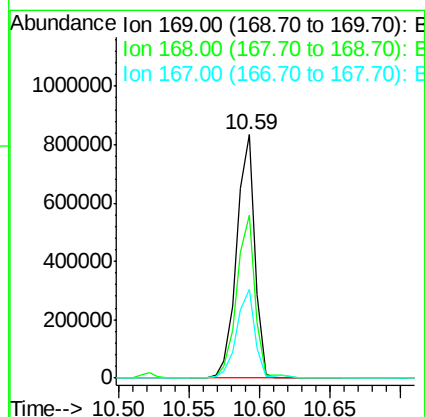
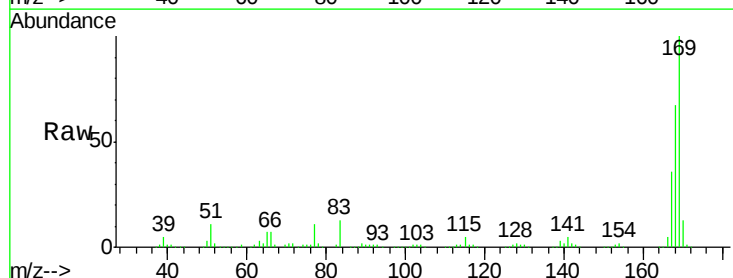
RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	169	Resp:	743919
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.2	79.8
167	36.4	29.4	44.2





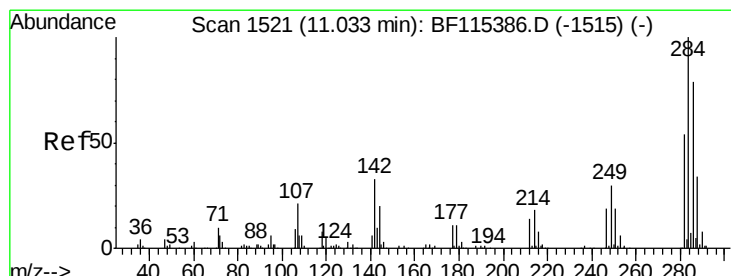
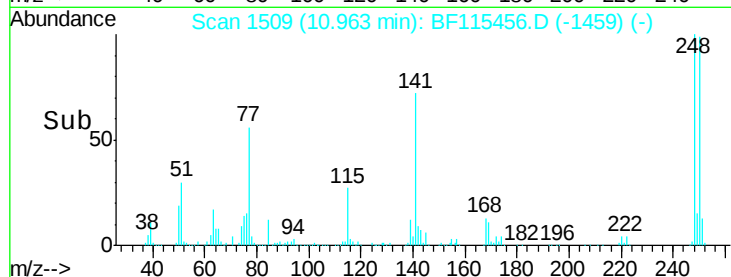
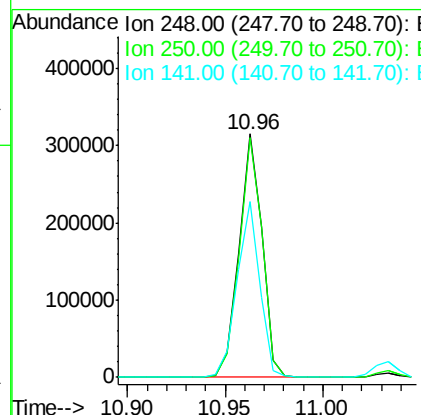
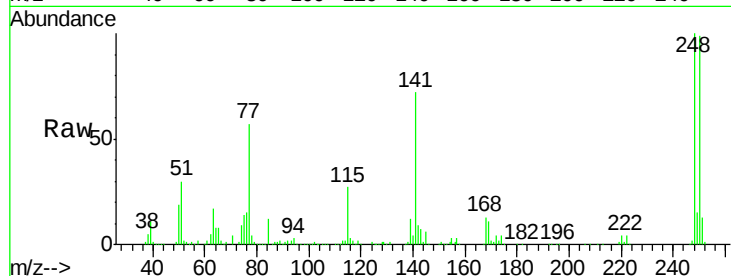
#67
 4-Bromophenyl-phenylether
 Concen: 39.712 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.3	117.5
141	72.4	52.2	78.2

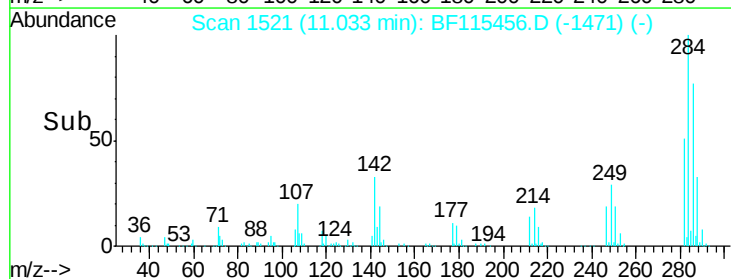
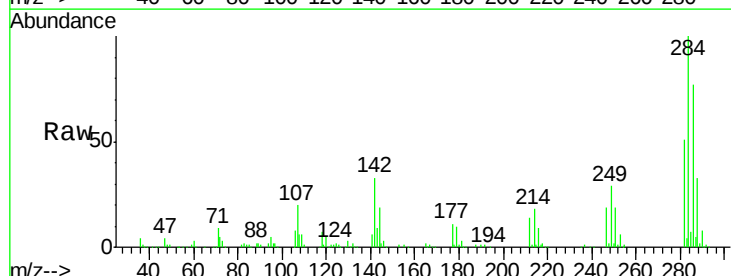
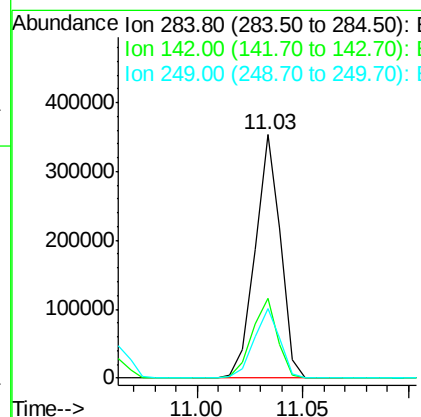
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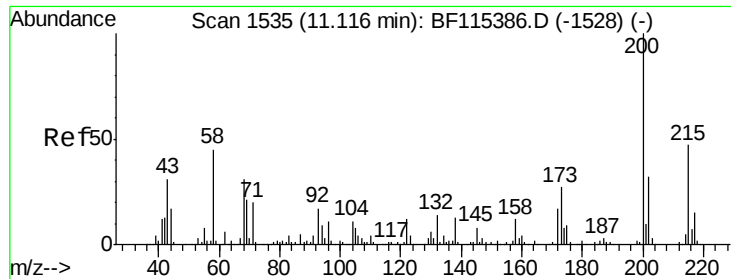
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#68
 Hexachlorobenzene
 Concen: 40.394 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	23.9	35.9
249	28.8	23.6	35.4





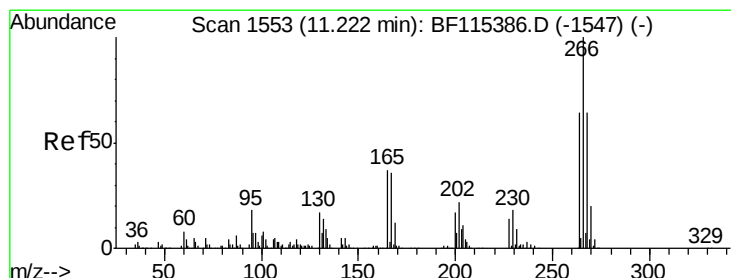
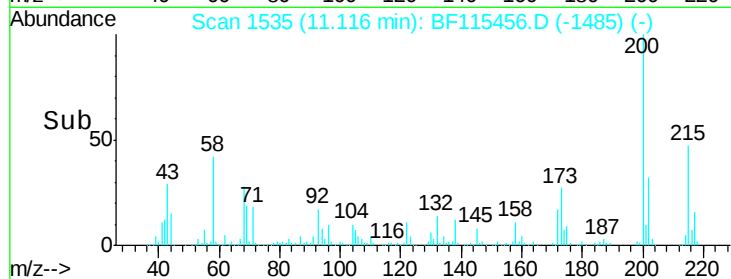
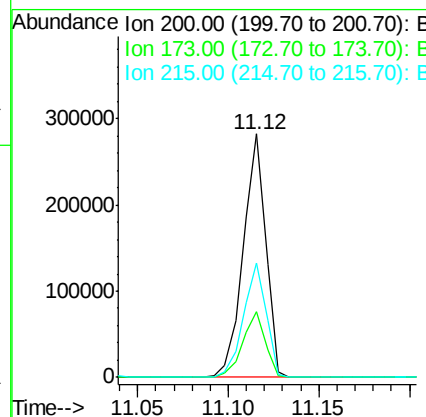
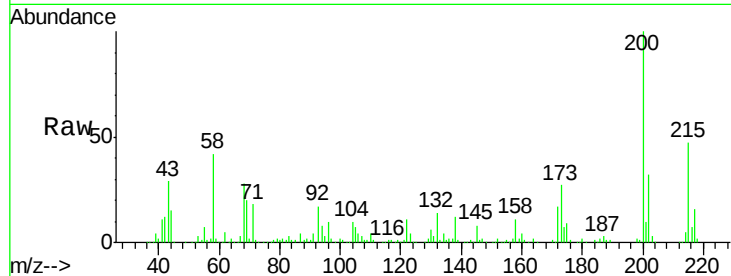
#69
Atrazine
Concen: 43.161 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243514		
173	27.0	7.0	47.0	
215	47.1	27.8	67.8	

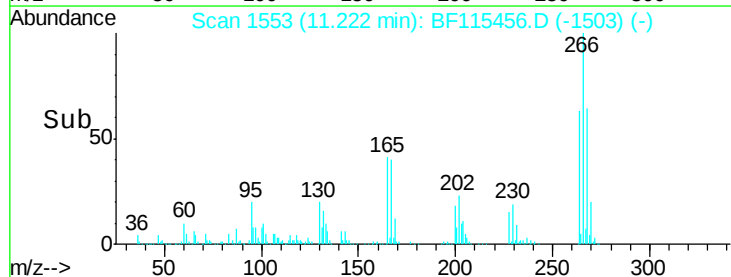
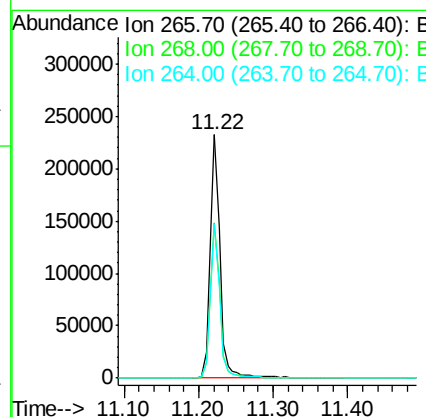
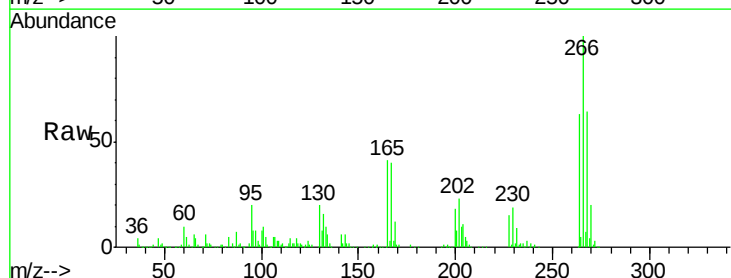
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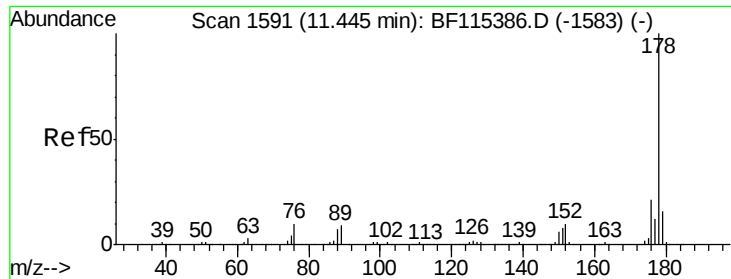
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#70
Pentachlorophenol
Concen: 48.770 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	216530		
268	63.8	51.2	76.8	
264	63.5	50.6	75.8	





#71

Phenanthrene

Concen: 41.164 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:178 Resp: 1252640

Ion Ratio Lower Upper

178 100

176 20.2 16.6 24.8

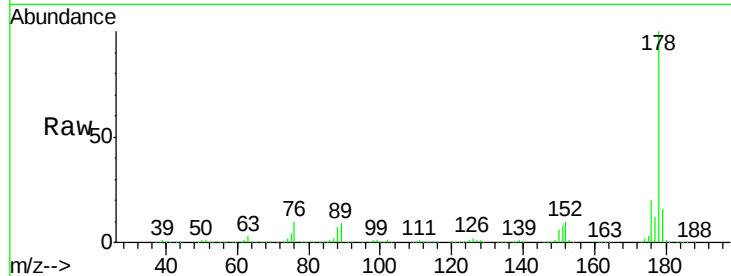
179 15.6 12.7 19.1

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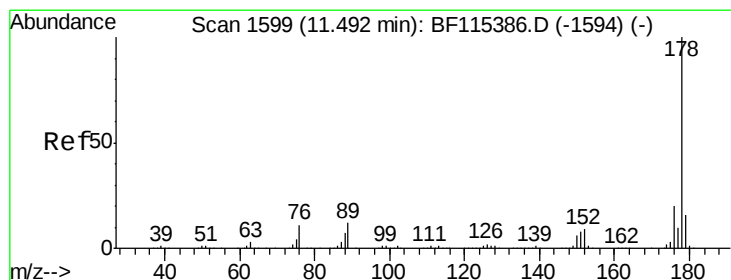
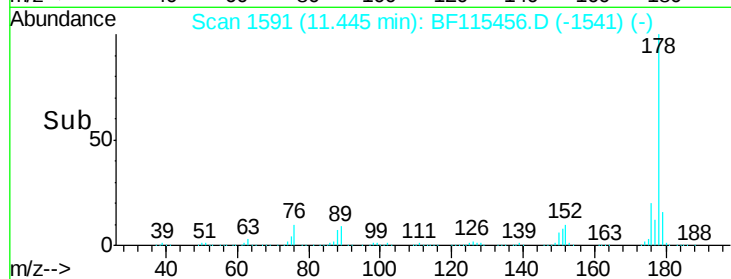
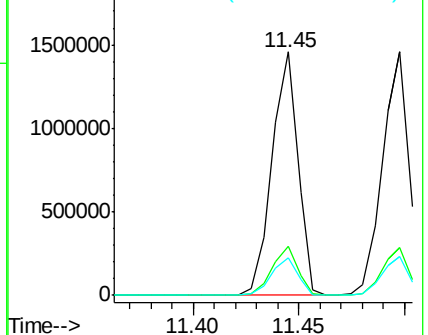
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.117 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:178 Resp: 1285175

Ion Ratio Lower Upper

178 100

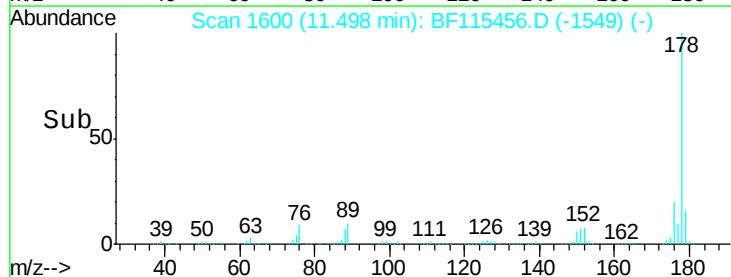
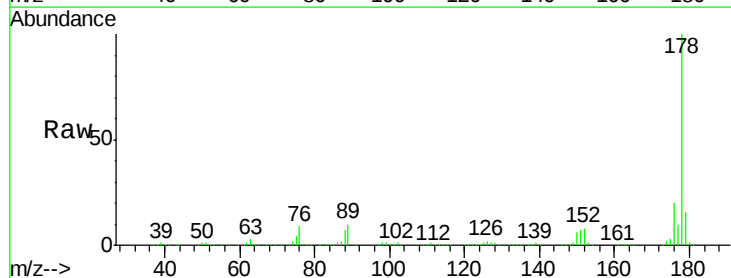
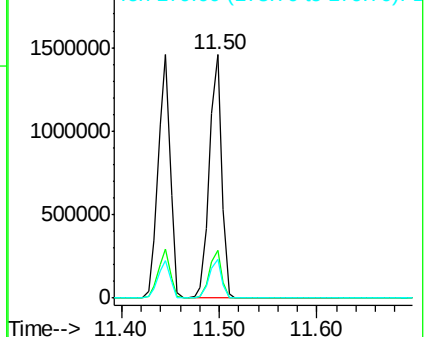
176 19.6 15.8 23.6

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





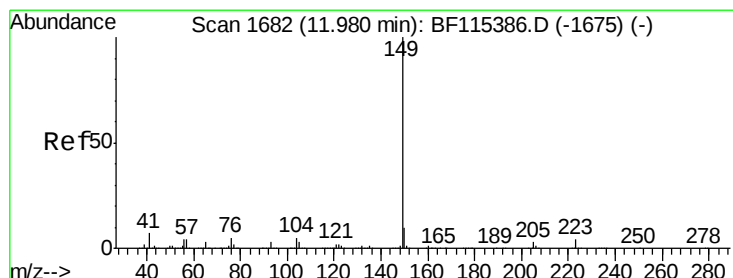
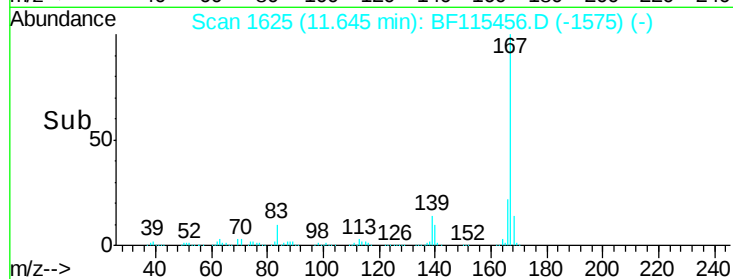
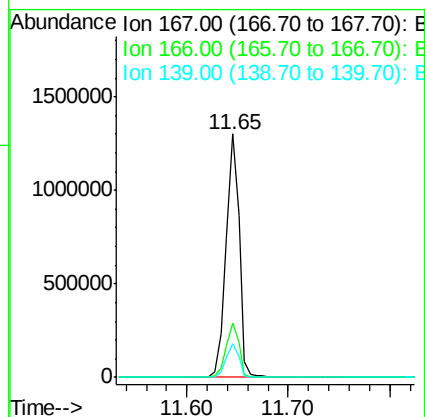
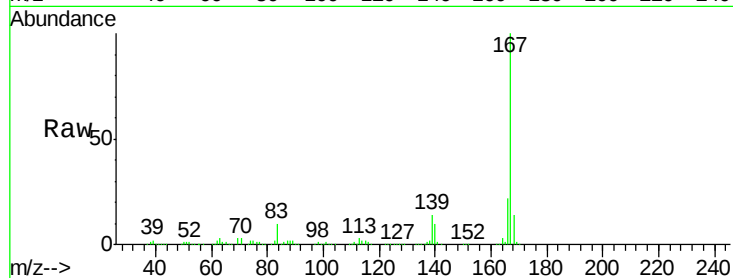
#73
 Carbazole
 Concen: 41.886 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion:167 Resp: 1169309
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 14.0 10.9 16.3

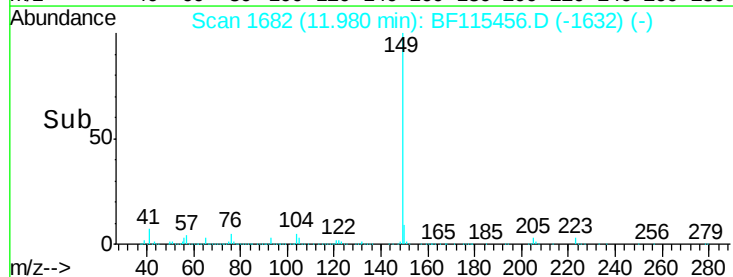
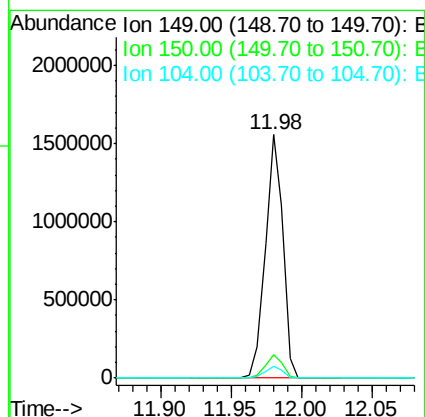
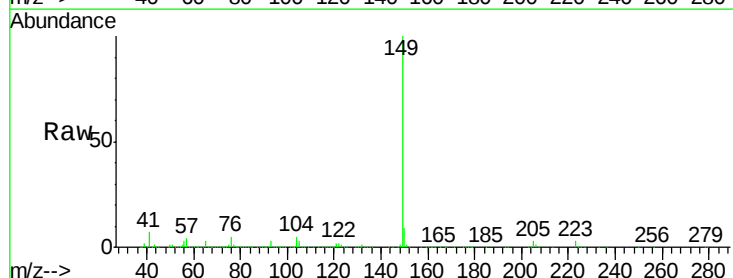
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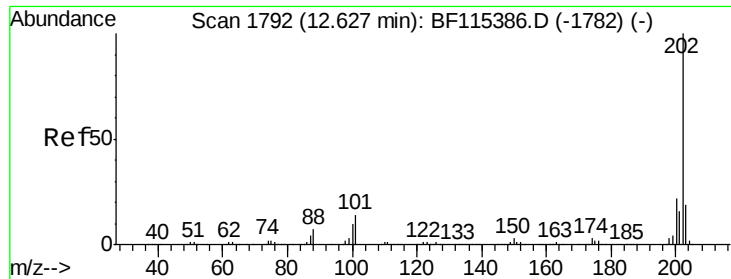
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#74
 Di-n-butylphthalate
 Concen: 40.701 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion:149 Resp: 1373184
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 42.263 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

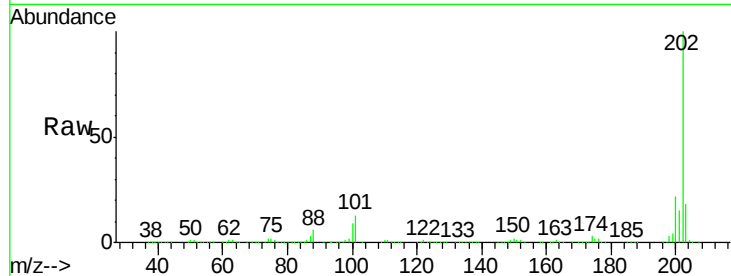
ClientSampleId :

SP19-JMW0991MSD

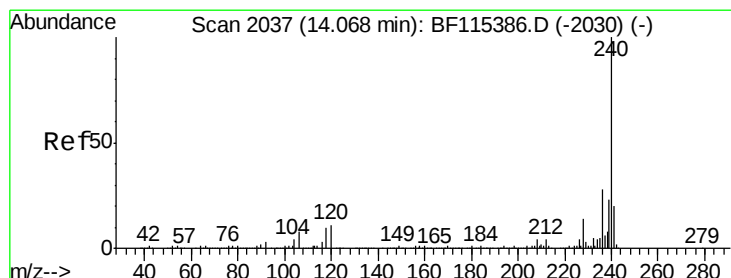
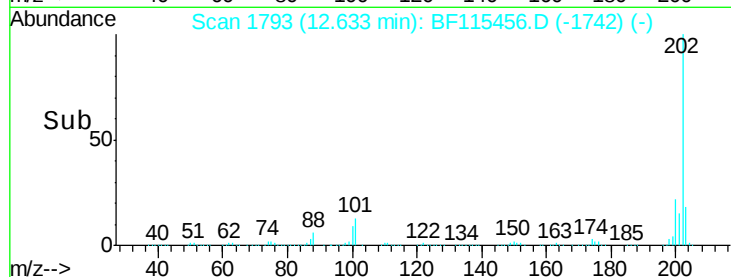
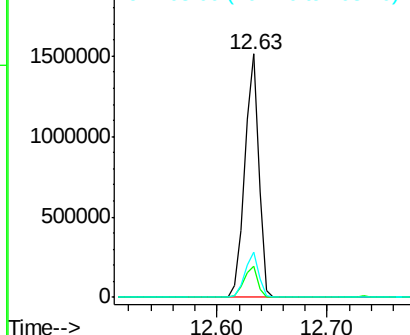
Tgt Ion:	202	Resp:	1354117
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.9
203	18.4	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

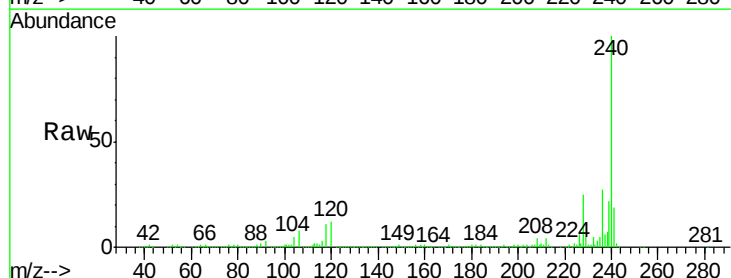
RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

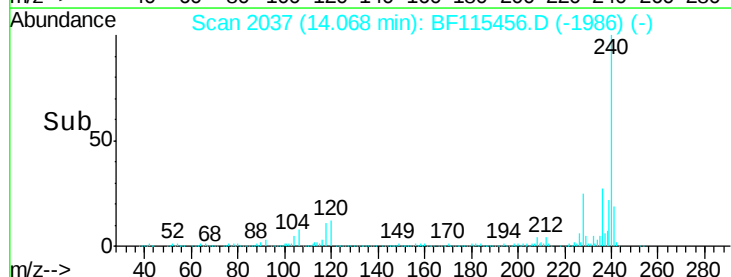
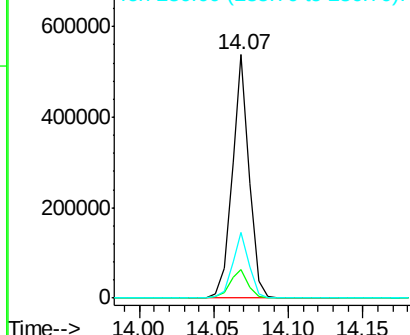
Lab File: BF115456.D

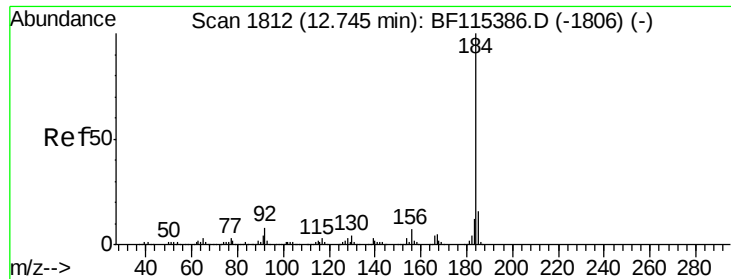
Acq: 10 Jul 2019 15:36

Tgt Ion:	240	Resp:	428826
Ion Ratio	Lower	Upper	
240	100		
120	11.6	10.2	15.4
236	27.0	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.172 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

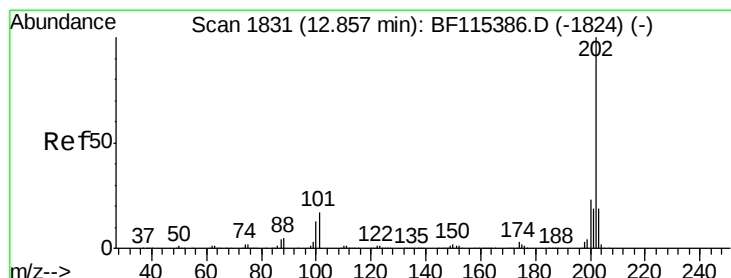
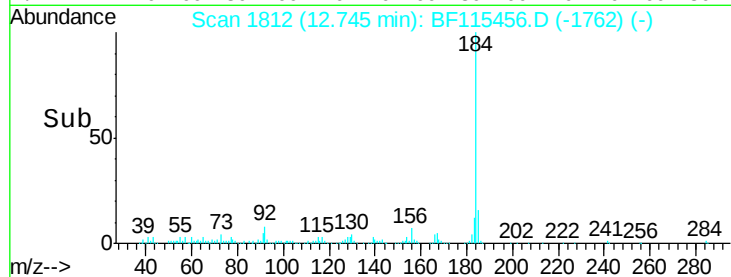
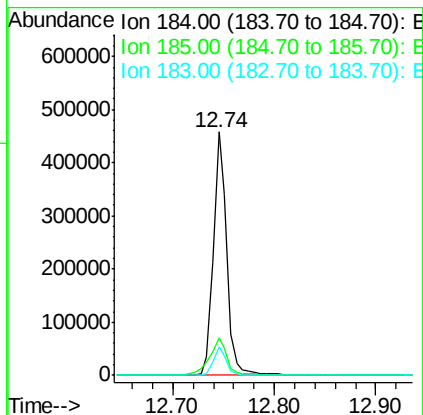
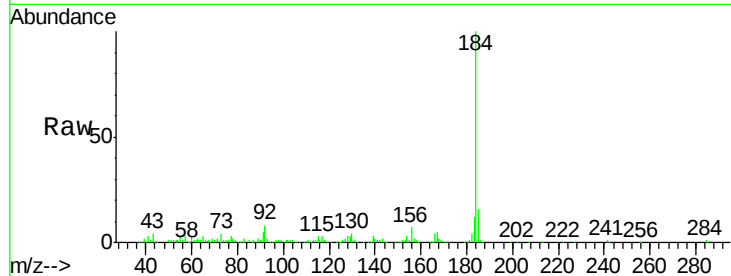
ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:	184	Resp:	420934
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.6
183	11.7	9.7	14.5

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#78

Pyrene

Concen: 41.143 ng

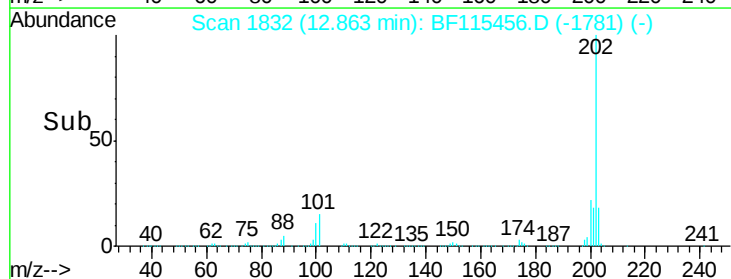
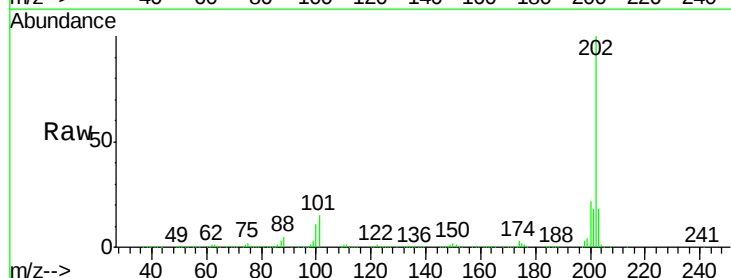
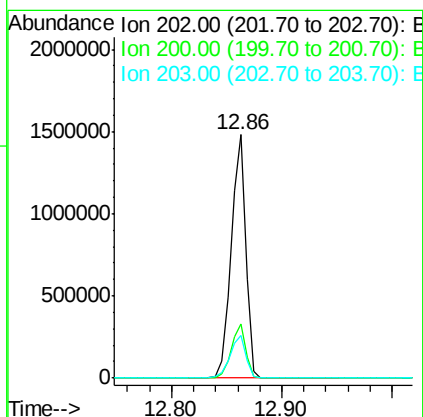
RT: 12.86 min Scan# 1832

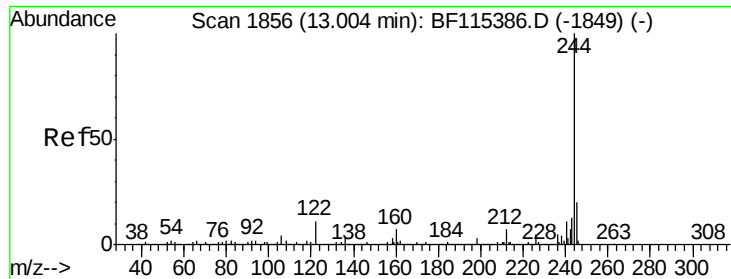
Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	202	Resp:	1372014
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.6	26.4
203	17.7	14.7	22.1





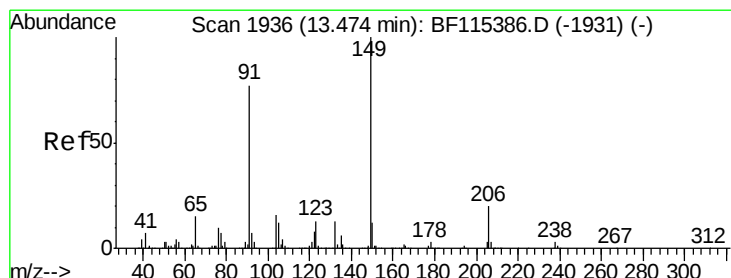
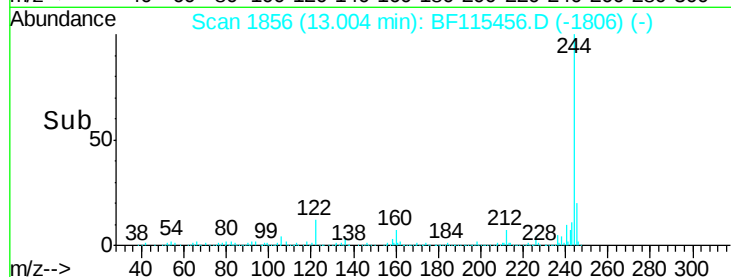
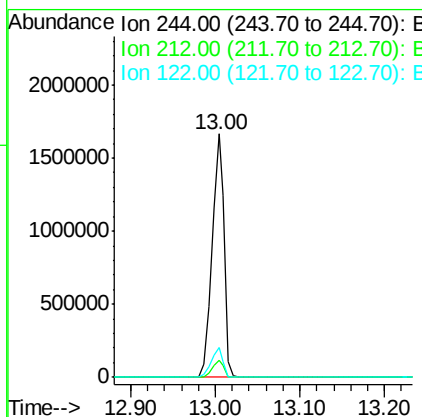
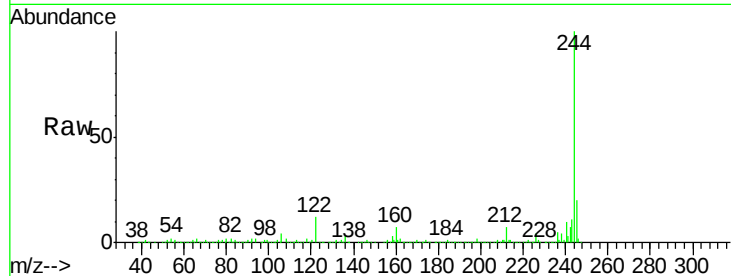
#79
 Terphenyl-d14
 Concen: 80.833 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tgt Ion: 244 Resp: 1692950
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 12.0 9.1 13.7

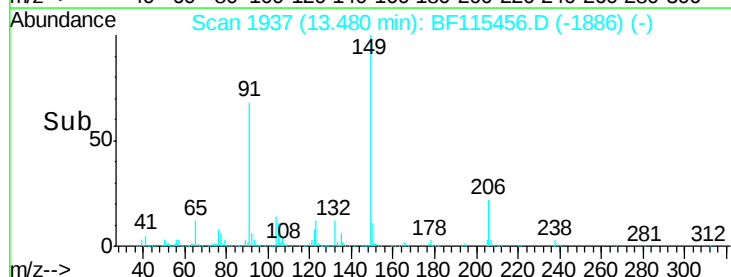
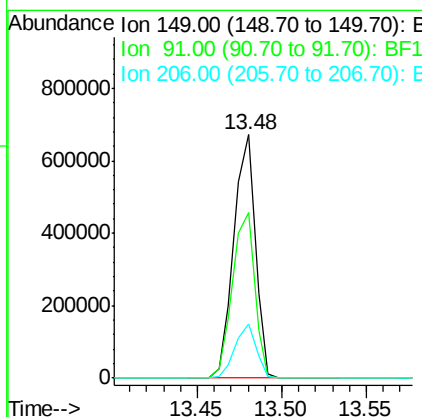
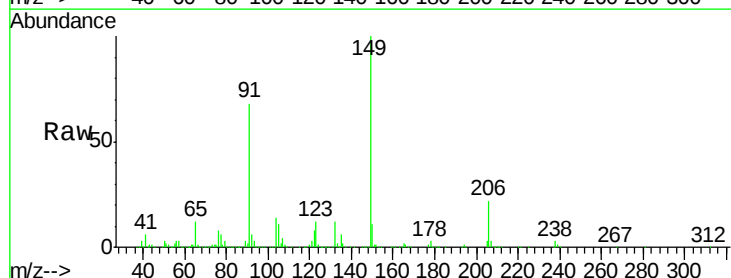
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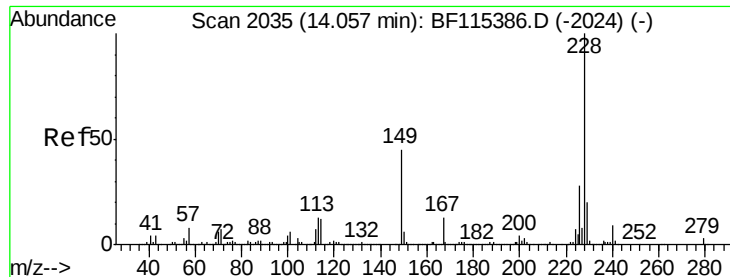
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#80
 Butylbenzylphthalate
 Concen: 40.954 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion: 149 Resp: 596714
 Ion Ratio Lower Upper
 149 100
 91 67.8 57.8 86.6
 206 22.4 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.689 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:228 Resp: 1117981

Ion Ratio Lower Upper

228 100

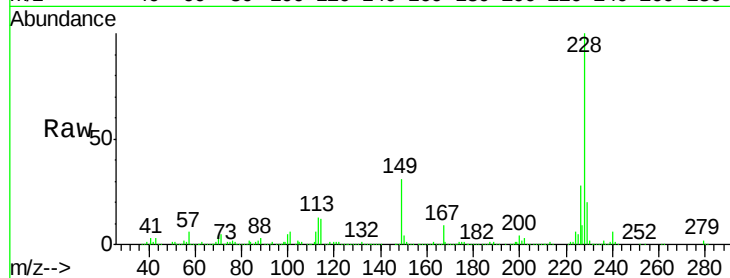
226 28.2 22.6 34.0

229 20.3 16.4 24.6

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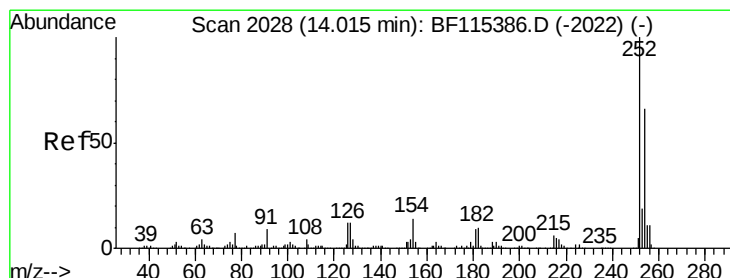
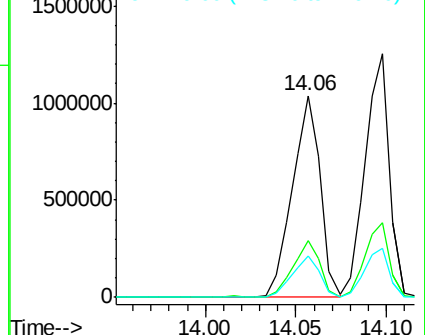
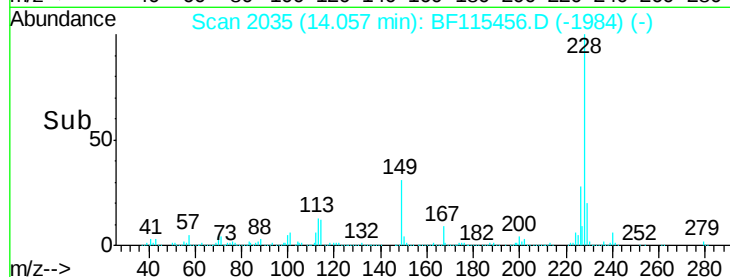
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.796 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

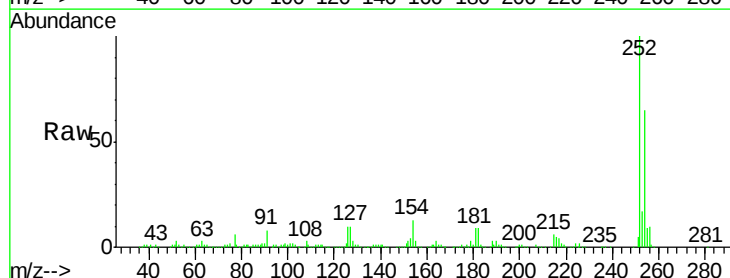
Tgt Ion:252 Resp: 326977

Ion Ratio Lower Upper

252 100

254 64.7 52.9 79.3

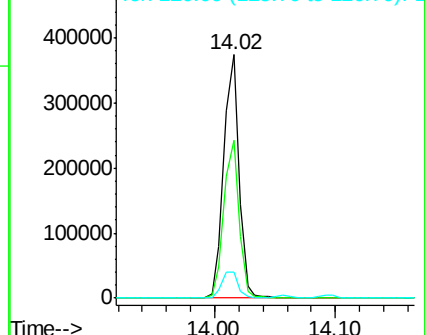
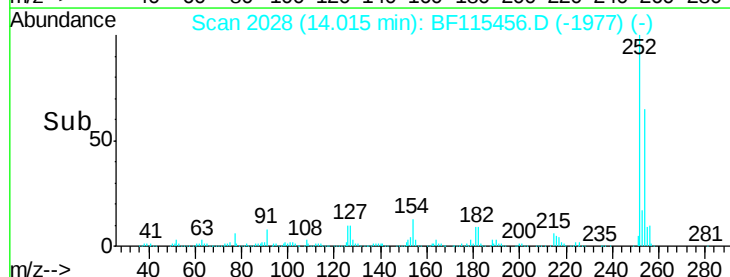
126 10.5 10.0 15.0

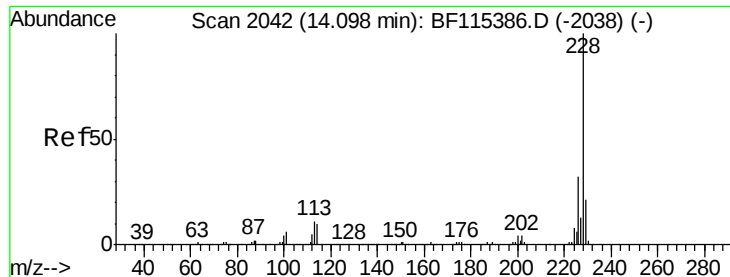


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.440 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:228 Resp: 1169911

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

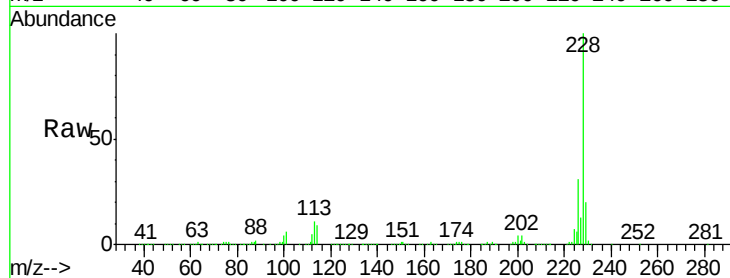
229 20.0 16.1 24.1

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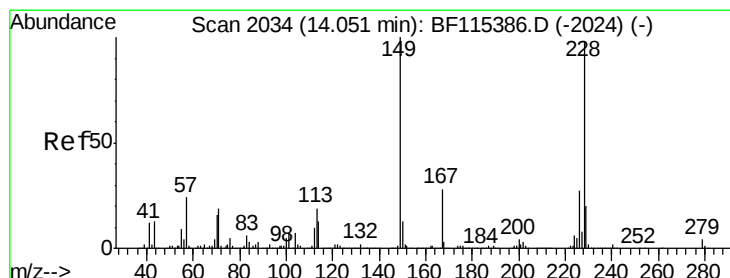
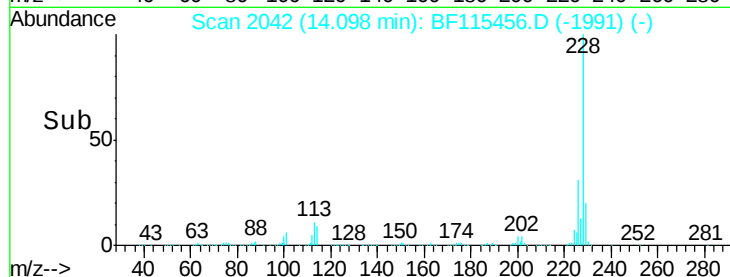
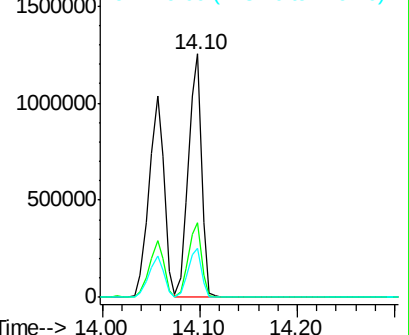
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.352 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

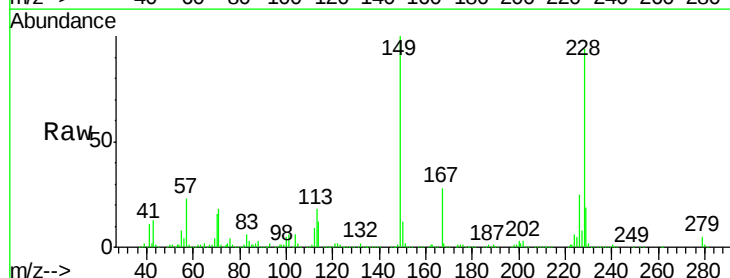
Tgt Ion:149 Resp: 728109

Ion Ratio Lower Upper

149 100

167 27.9 22.6 34.0

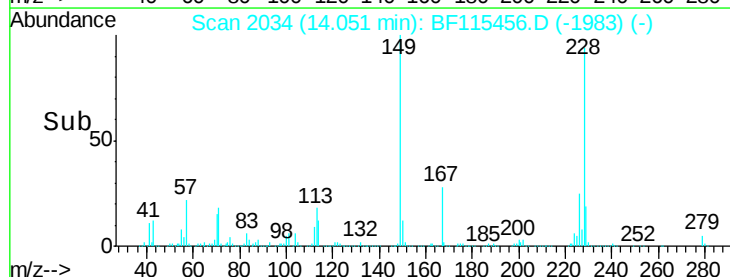
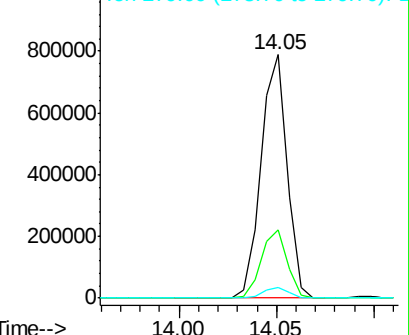
279 4.6 3.8 5.6

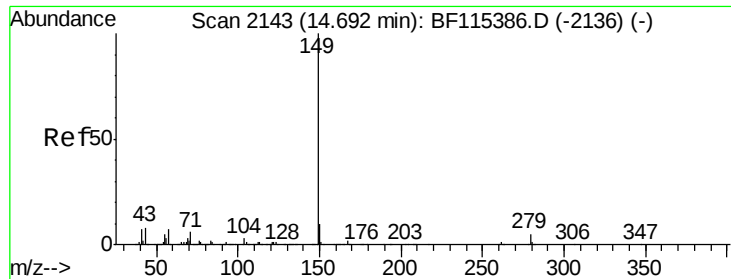


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.930 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

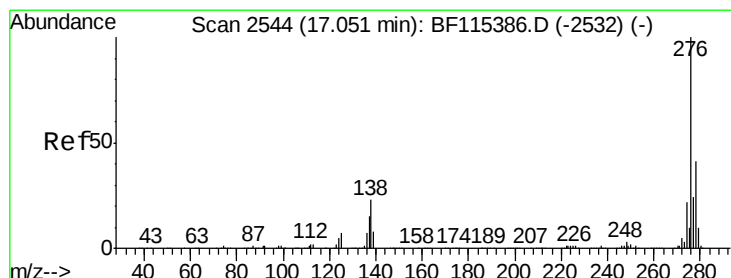
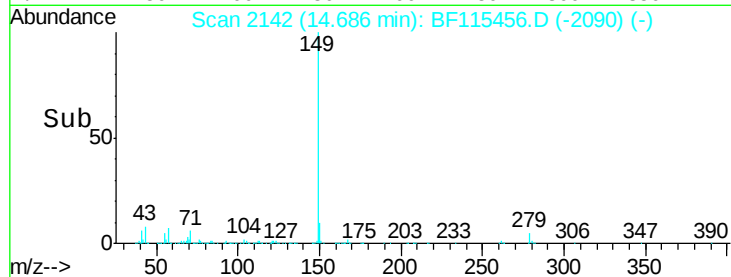
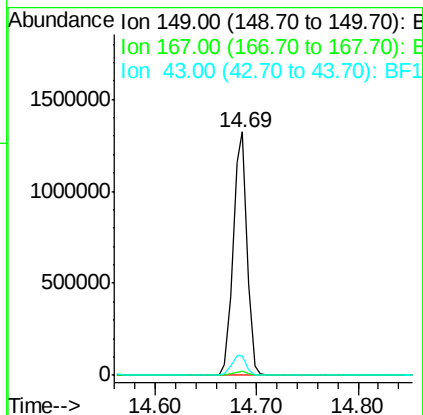
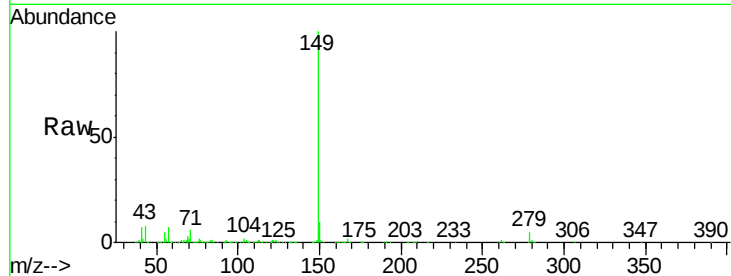
ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:	149	Resp:	1250506
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.4	7.0	10.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 58.715 ng

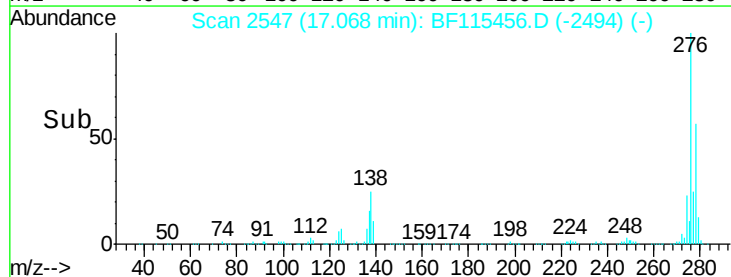
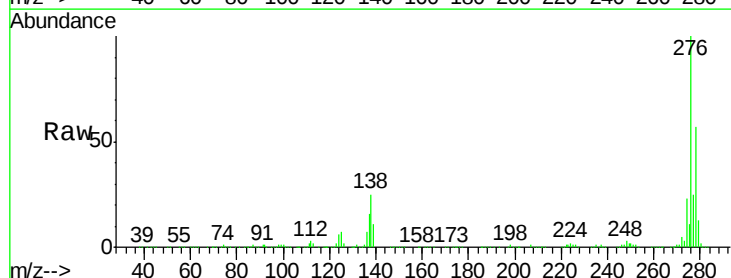
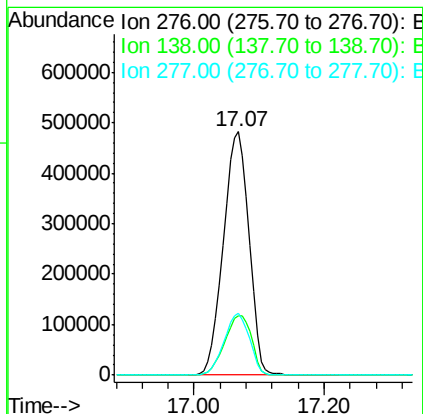
RT: 17.07 min Scan# 2547

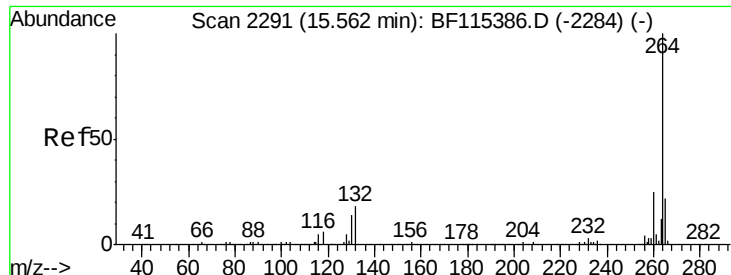
Delta R.T. 0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	276	Resp:	1316085
Ion Ratio	Lower	Upper	
276	100		
138	25.8	20.6	31.0
277	25.1	20.2	30.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

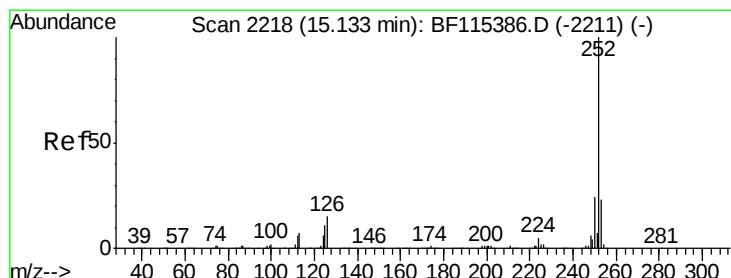
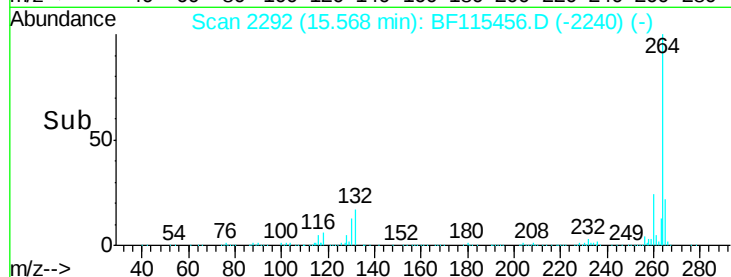
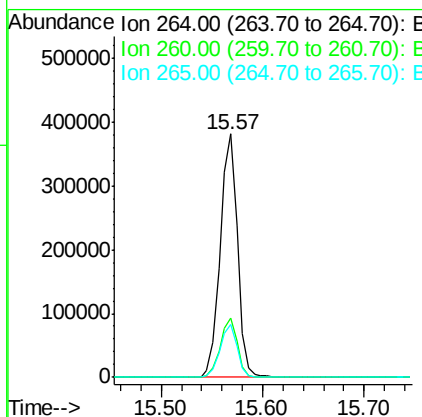
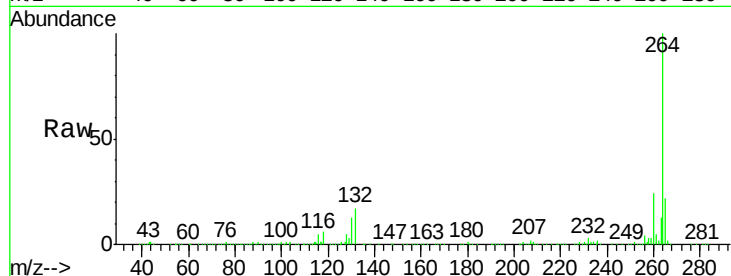
ClientSampleId :

SP19-JMW0991MSD

Tgt Ion:	264	Resp:	452210
Ion Ratio		Lower	Upper
264	100		
260	24.2	20.1	30.1
265	21.6	17.8	26.6

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#88

Benzo(b)fluoranthene

Concen: 40.776 ng

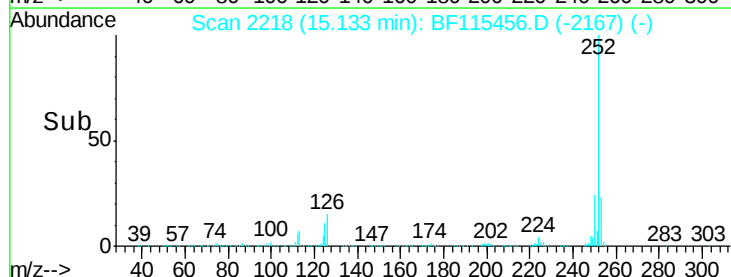
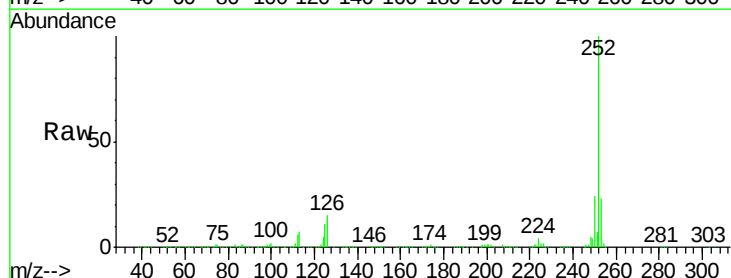
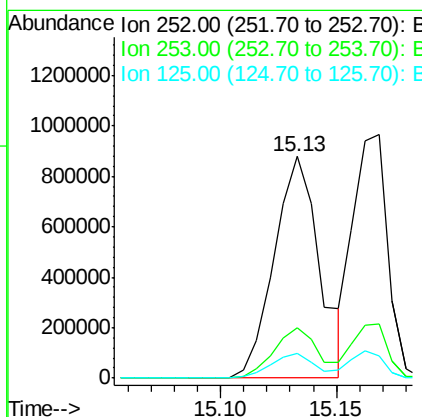
RT: 15.13 min Scan# 2218

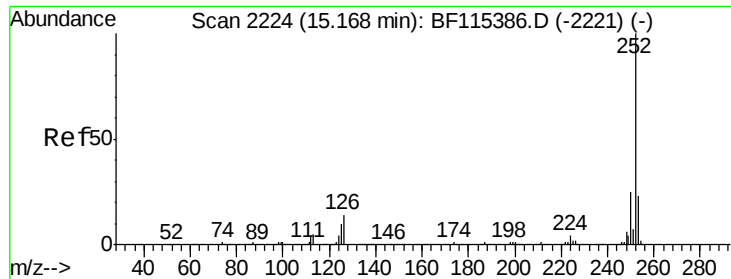
Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:	252	Resp:	1200556
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.1	8.5	12.7





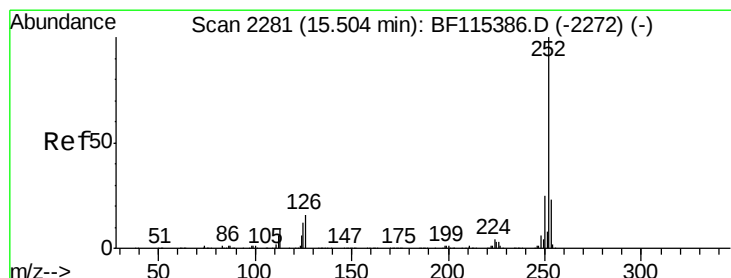
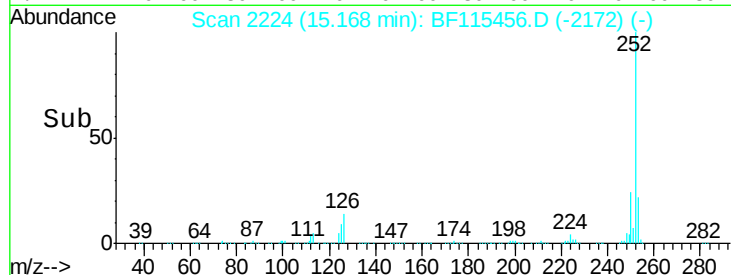
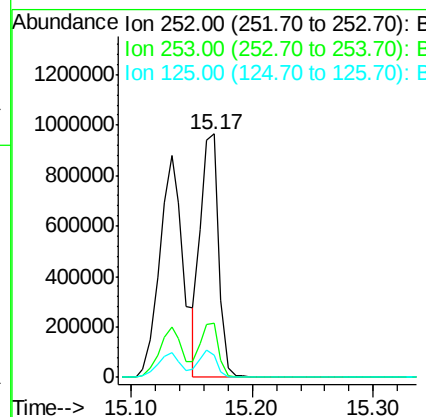
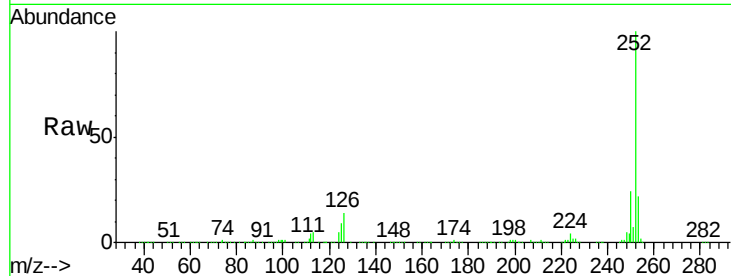
#89
Benzo(k)fluoranthene
Concen: 38.609 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion: 252 Resp: 1010958
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.2 8.6 13.0

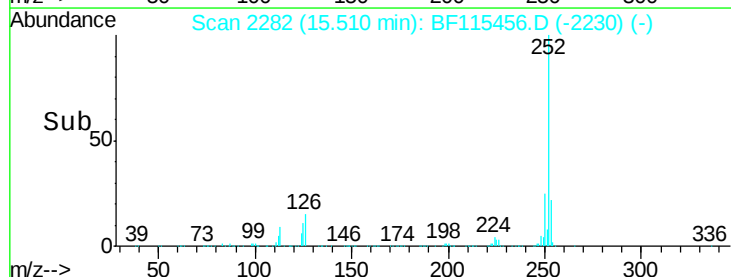
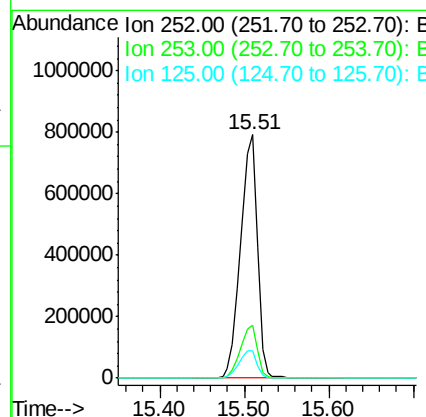
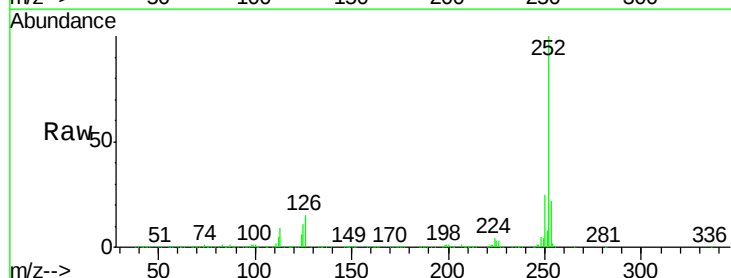
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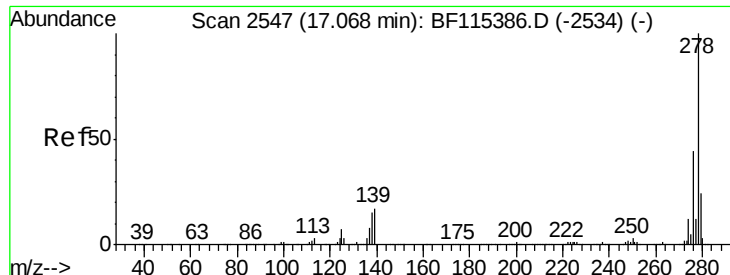
mohammad
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#90
Benzo(a)pyrene
Concen: 42.397 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 252 Resp: 1076672
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.4 9.7 14.5





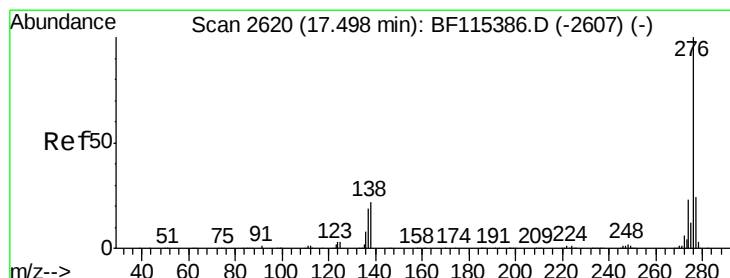
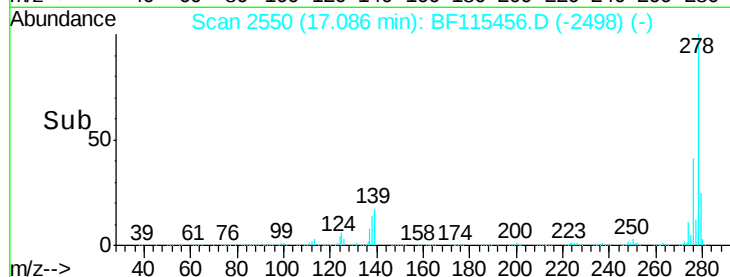
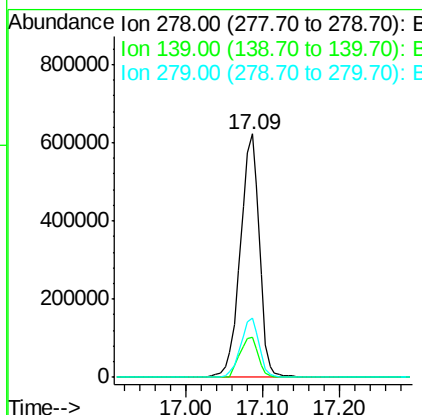
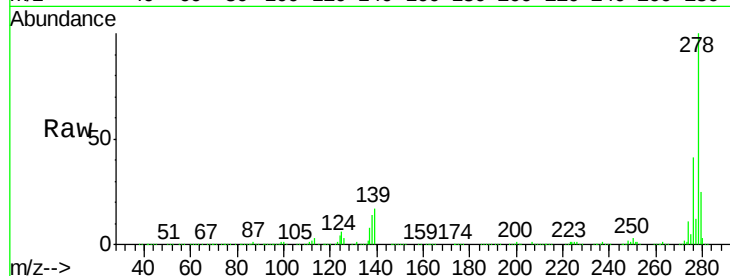
#91
Dibenzo(a,h)anthracene
Concen: 49.865 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.6
279	24.5	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 54.781 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.6	17.8	26.8

