

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116836.D
 Acq On : 5 Sep 2019 14:28
 Operator : HP/JU
 Sample : K4679-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB11-COMPMS

Manual Integrations
 APPROVED

mohammad
 9/10/2019 9:52:14 AM

Quant Time: Sep 06 04:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	87477	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	355498	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	185495	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	300963	20.00	ng	0.00
76) Chrysene-d12	14.00	240	219176	20.00	ng	0.00
87) Perylene-d12	15.46	264	211849	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	428847	79.42	ng	0.00
7) Phenol-d6	6.48	99	594417	83.84	ng	0.00
23) Nitrobenzene-d5	7.41	82	356703	57.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	125556	101.25	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	629718	57.27	ng	0.00
79) Terphenyl-d14	12.94	244	571654	48.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	58741	23.566	ng	95
3) Pyridine	3.35	79	153528	21.273	ng	94
4) n-Nitrosodimethylamine	3.27	42	65232	26.322	ng	87
6) Aniline	6.50	93	221579	22.563	ng	94
8) 2-Chlorophenol	6.63	128	194220	32.950	ng	98
9) Benzaldehyde	6.39	77	123411	26.420	ng	97
10) Phenol	6.50	94	264836	33.732	ng	90
11) bis(2-Chloroethyl)ether	6.58	93	178536	29.204	ng	98
12) 1,3-Dichlorobenzene	6.79	146	197046	29.578	ng	96
13) 1,4-Dichlorobenzene	6.86	146	202216	30.489	ng	98
14) 1,2-Dichlorobenzene	7.02	146	191391	31.138	ng	98
15) Benzyl Alcohol	6.99	79	178258	30.972	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	179050	24.963	ng	93
17) 2-Methylphenol	7.10	107	159585	30.927	ng	98
18) Hexachloroethane	7.36	117	65115	25.269	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	142169	30.453	ng	92
20) 3+4-Methylphenols	7.25	107	207010	34.504	ng	# 74
22) Acetophenone	7.25	105	281949	32.943	ng	96
24) Nitrobenzene	7.43	77	209833	33.131	ng	95
25) Isophorone	7.66	82	391203	31.002	ng	99
26) 2-Nitrophenol	7.75	139	82293	34.949	ng	94
27) 2,4-Dimethylphenol	7.78	122	174976	36.795	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	234631	30.427	ng	99
29) 2,4-Dichlorophenol	7.99	162	161282	35.291	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	158965	32.070	ng	98
31) Naphthalene	8.15	128	560667	33.167	ng	99
32) Benzoic acid	7.88	122	60941	22.696	ng	95
33) 4-Chloroaniline	8.19	127	115402	14.997	ng	98
34) Hexachlorobutadiene	8.27	225	85738	31.723	ng	97
35) Caprolactam	8.56	113	53895m	31.512	ng	
36) 4-Chloro-3-methylphenol	8.68	107	188542	35.895	ng	98
37) 2-Methylnaphthalene	8.84	142	385746	34.297	ng	97
38) 1-Methylnaphthalene	8.94	142	362216	34.115	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	150233	33.786	ng	98

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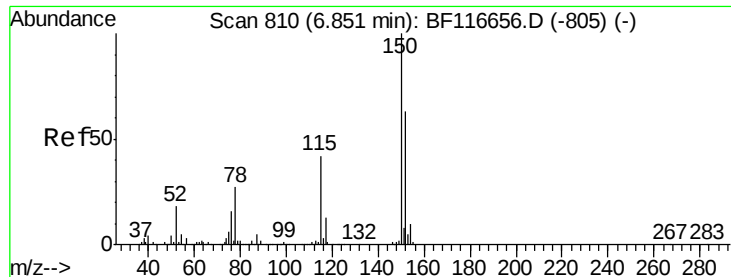
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	50009	19.475	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	107813	35.370	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	114163	36.076	nq	98
46) 1,1'-Biphenyl	9.30	154	454548	32.293	nq	98
47) 2-Chloronaphthalene	9.33	162	354758	31.821	nq	97
48) 2-Nitroaniline	9.42	65	113771	35.299	nq	96
49) Acenaphthylene	9.75	152	569141	33.772	nq	100
50) Dimethylphthalate	9.60	163	478844	37.391	nq	97
51) 2,6-Dinitrotoluene	9.66	165	84290	34.497	nq	94
52) Acenaphthene	9.92	154	336145	32.463	nq	98
53) 3-Nitroaniline	9.83	138	84273	27.522	nq	86
54) 2,4-Dinitrophenol	9.94	184	9678	18.942	nq	98
55) Dibenzofuran	10.09	168	503769	34.512	nq	98
56) 4-Nitrophenol	10.00	139	151966	72.379	nq	90
57) 2,4-Dinitrotoluene	10.07	165	109962	36.805	nq	93
58) Fluorene	10.43	166	401013	36.055	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	84538	37.015	nq	97
60) Diethylphthalate	10.30	149	431367	33.626	nq	97
61) 4-Chlorophenyl-phenylether	10.42	204	171114	35.133	nq	96
62) 4-Nitroaniline	10.45	138	104261	35.086	nq	96
63) Azobenzene	10.58	77	437161	32.682	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	9551	14.730	nq	74
66) n-Nitrosodiphenylamine	10.54	169	353044	33.910	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	99074	32.405	nq	98
68) Hexachlorobenzene	10.99	284	105491	32.978	nq	92
69) Atrazine	11.06	200	94991	32.576	nq	98
70) Pentachlorophenol	11.17	266	105497	68.176	nq	98
71) Phenanthrene	11.39	178	586860	35.029	nq	100
72) Anthracene	11.44	178	585533	34.719	nq	99
73) Carbazole	11.59	167	547897	34.106	nq	99
74) Di-n-butylphthalate	11.92	149	702478	34.110	nq	100
75) Fluoranthene	12.58	202	608046	36.931	nq	98
77) Benzidine	12.70	184	453177	52.716	nq	100
78) Pyrene	12.81	202	598176	30.702	nq	98
80) Butylbenzylphthalate	13.42	149	290336	30.643	nq	99
81) Benzo(a)anthracene	13.99	228	492603	35.512	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	169121	36.077	nq	97
83) Chrysene	14.03	228	482404	33.755	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	406529	34.759	nq	99
85) Di-n-octyl phthalate	14.59	149	676865	35.364	nq	96
86) Indeno(1,2,3-cd)pyrene	16.92	276	346120	30.153	nq	97
88) Benzo(b)fluoranthene	15.04	252	458505	35.798	nq	99
89) Benzo(k)fluoranthene	15.06	252	379925	32.533	nq	98
90) Benzo(a)pyrene	15.40	252	384460	34.502	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	289257	29.656	nq	99
92) Benzo(g,h,i)perylene	17.36	276	271184	27.261	nq	99

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



#1

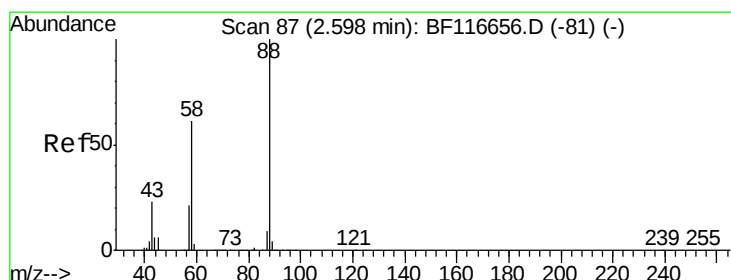
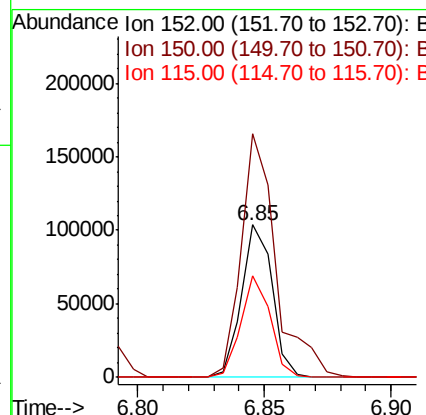
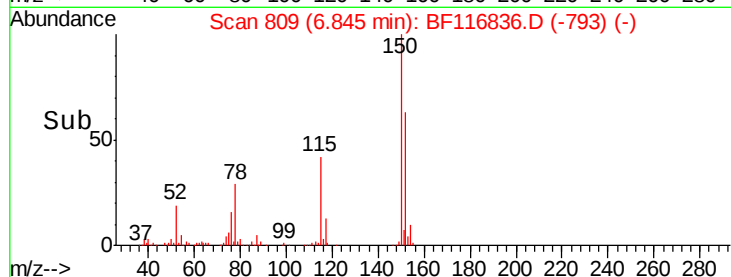
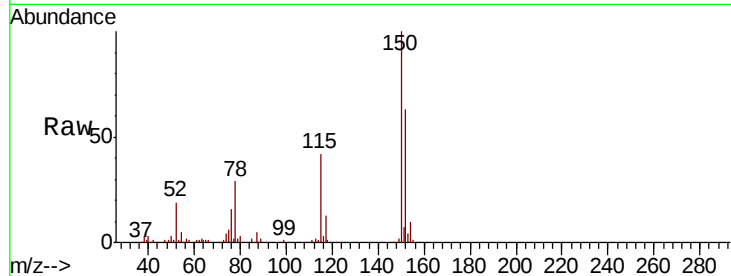
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.4	186.6
115	66.5	49.9	74.9

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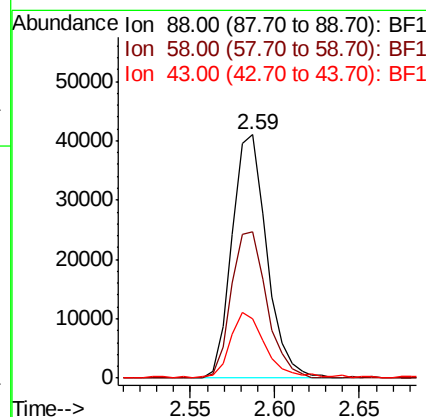
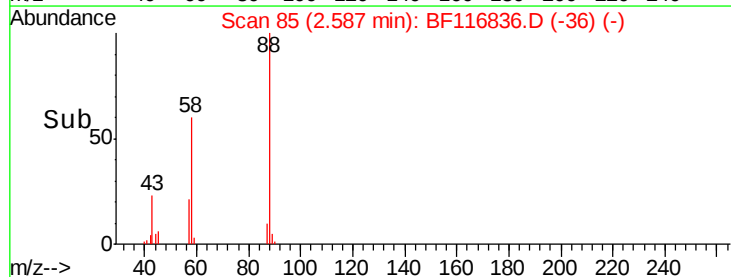
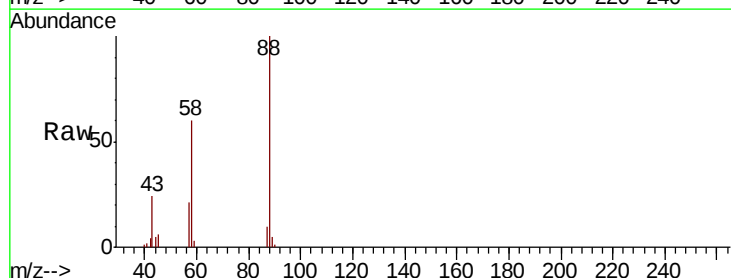
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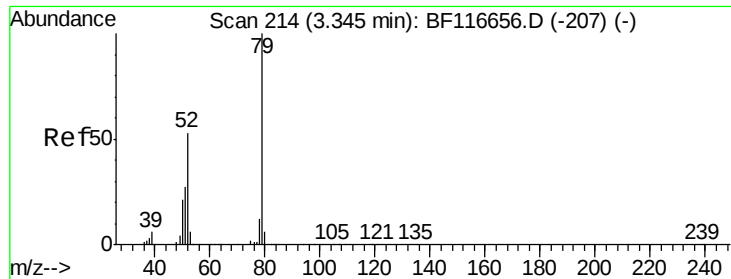


#2

1,4-Dioxane
Concen: 23.566 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	51.7	77.5
43	28.0	19.8	29.8





#3

Pvridine

Concen: 21.273 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

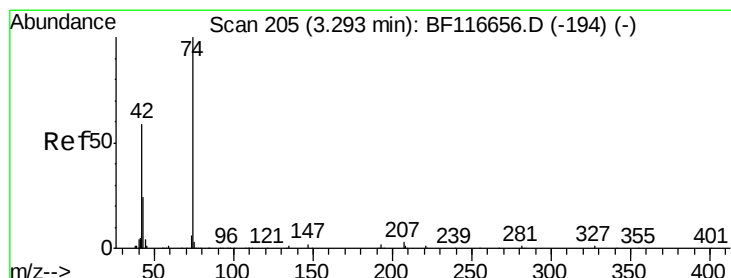
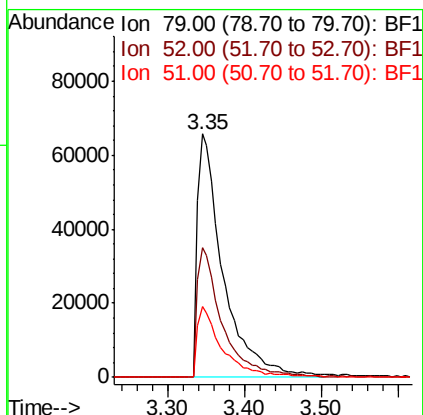
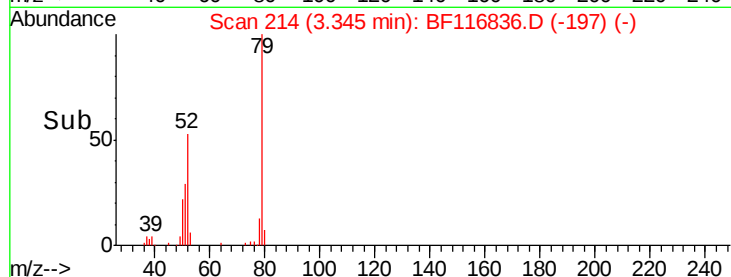
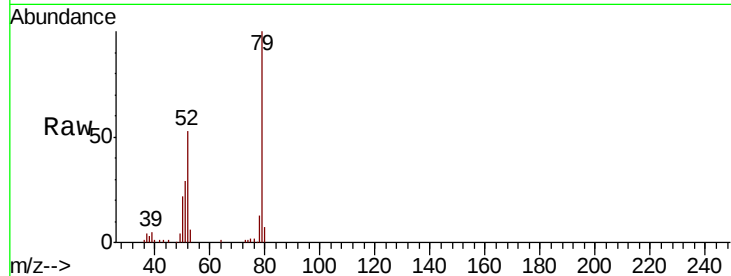
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	79	Resp:	153528
Ion Ratio	Lower	Upper	
79	100		
52	53.1	47.4	71.0
51	29.3	24.1	36.1

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#4

n-Nitrosodimethylamine

Concen: 26.322 ng

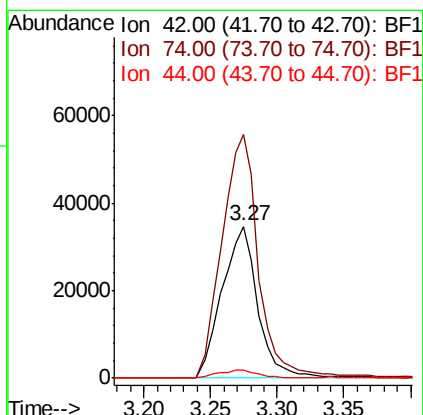
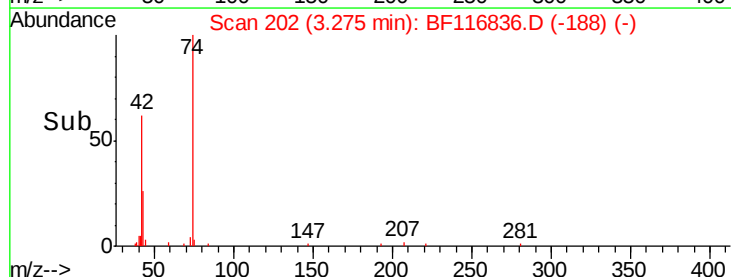
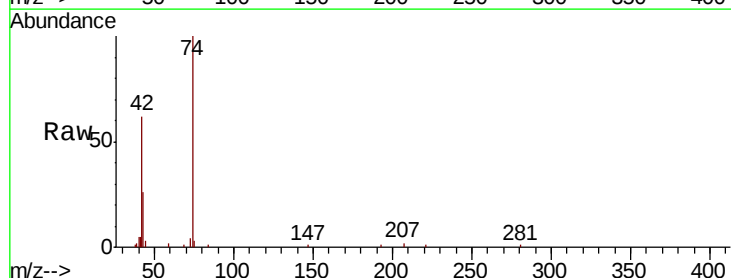
RT: 3.27 min Scan# 202

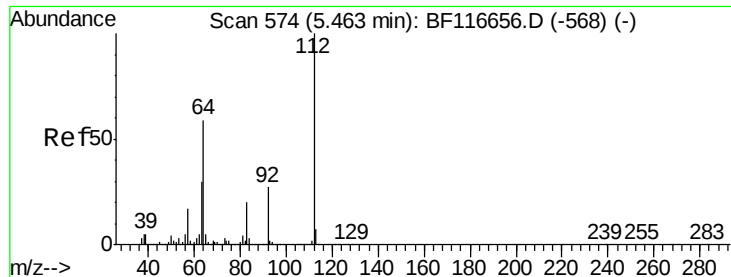
Delta R.T. -0.02 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	42	Resp:	65232
Ion Ratio	Lower	Upper	
42	100		
74	160.6	115.6	173.4
44	5.3	4.6	7.0





#5

2-Fluorophenol

Concen: 79.422 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

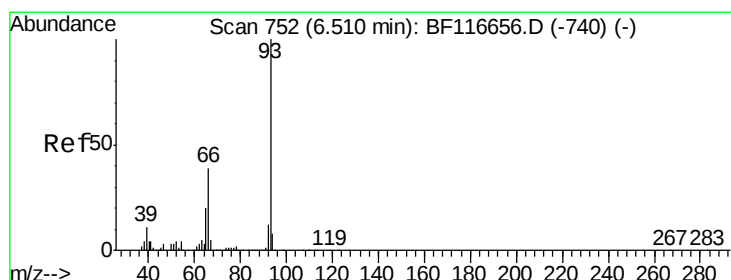
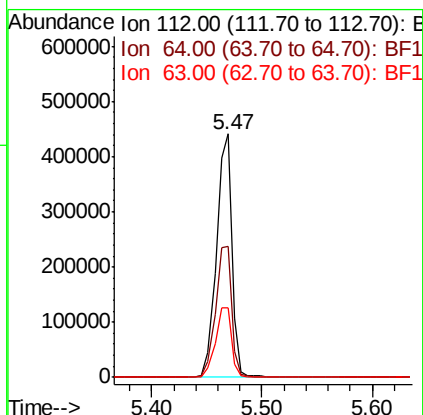
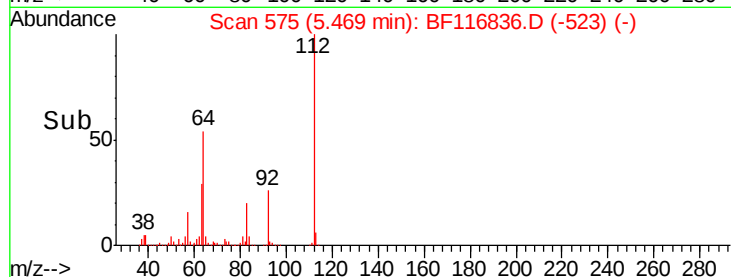
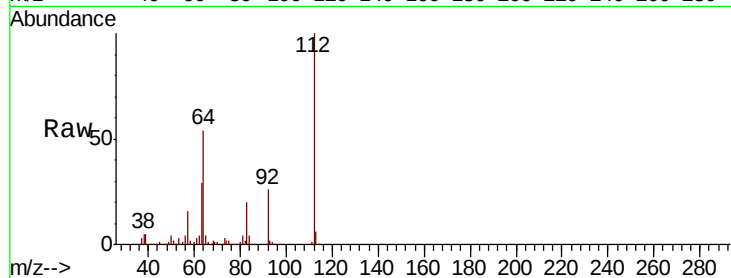
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	112	Resp:	428847
Ion Ratio	Lower	Upper	
112	100		
64	53.9	47.1	70.7
63	28.8	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 22.563 ng

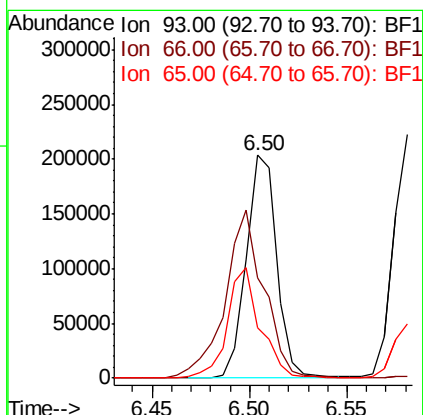
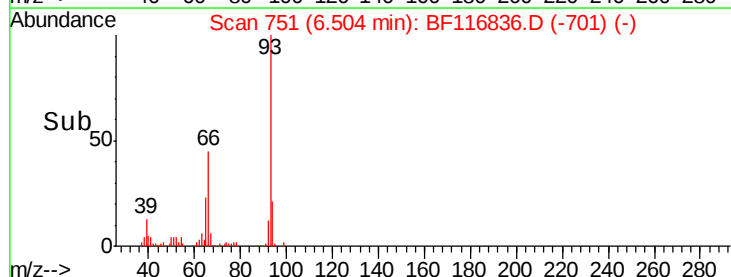
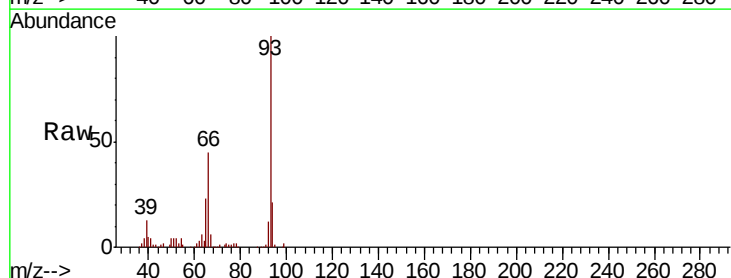
RT: 6.50 min Scan# 751

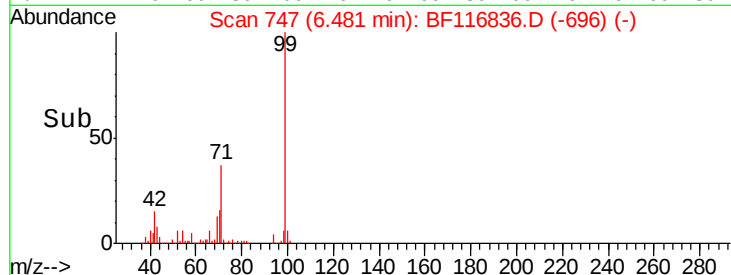
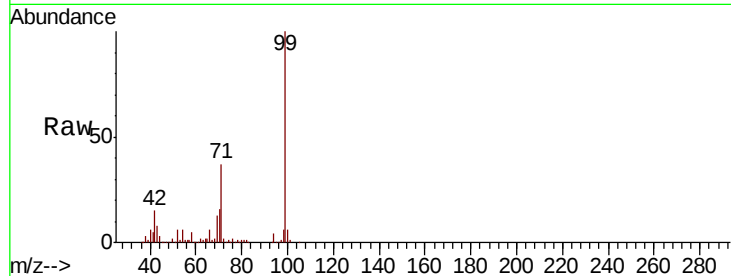
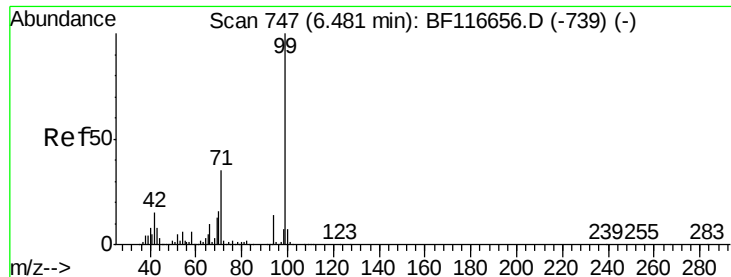
Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	93	Resp:	221579
Ion Ratio	Lower	Upper	
93	100		
66	44.9	32.7	49.1
65	22.6	16.3	24.5





#7

Phenol-d6

Concen: 83.835 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		594417		
42	15.1	13.7	20.5		
71	36.5	30.8	46.2		

Instrument :

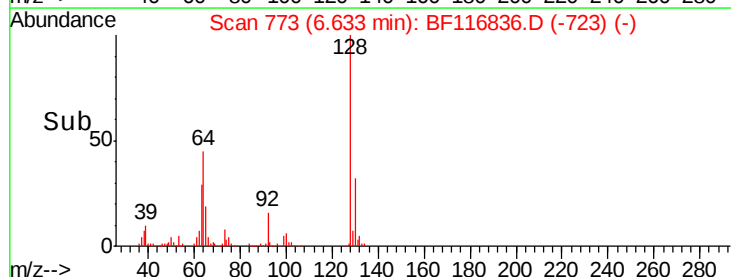
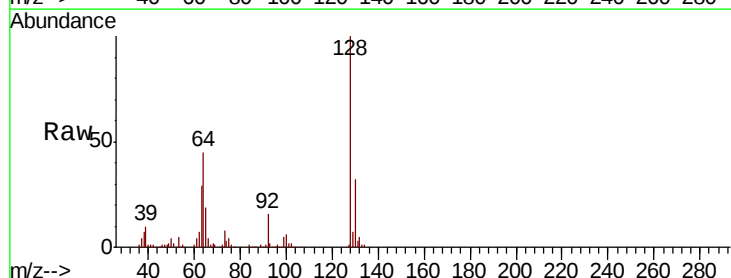
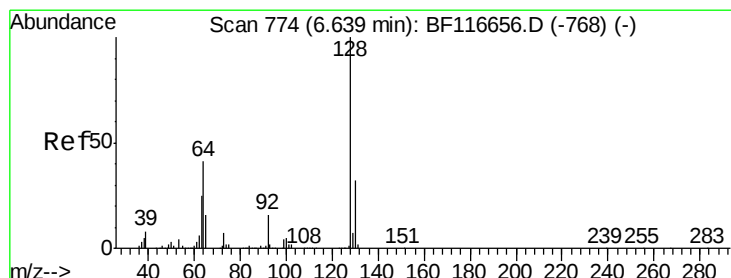
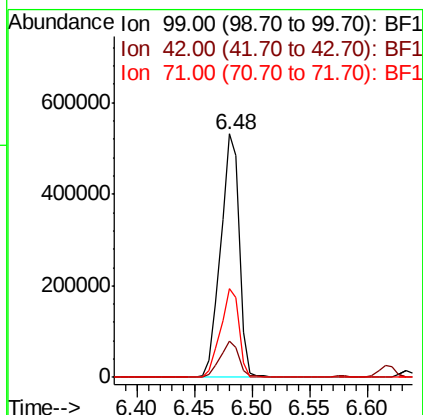
BNA_F

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WS-SB11-COMPMS

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#8

2-Chlorophenol

Concen: 32.950 ng

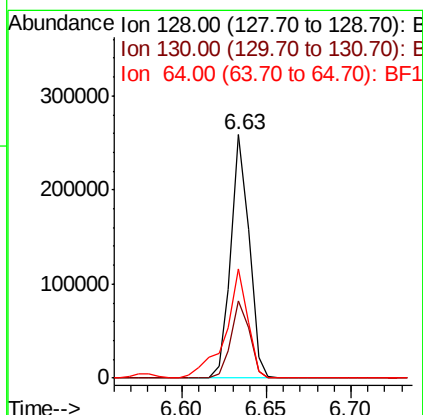
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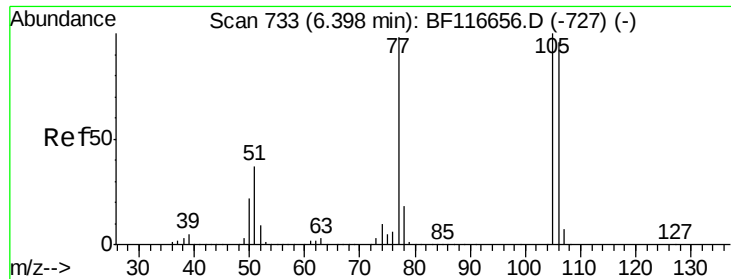
Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		194220		
130	32.0	12.3	52.3		
64	44.9	22.5	62.5		





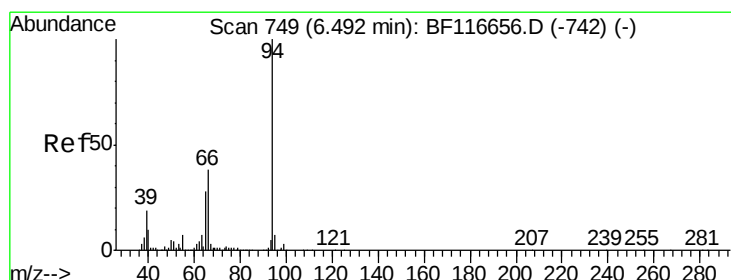
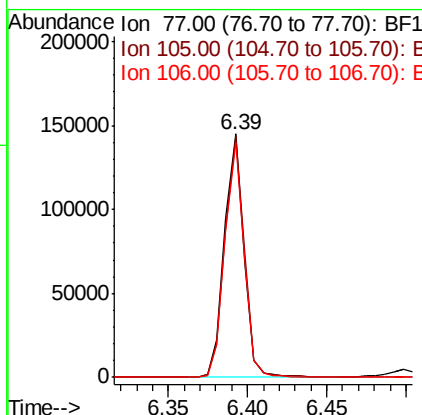
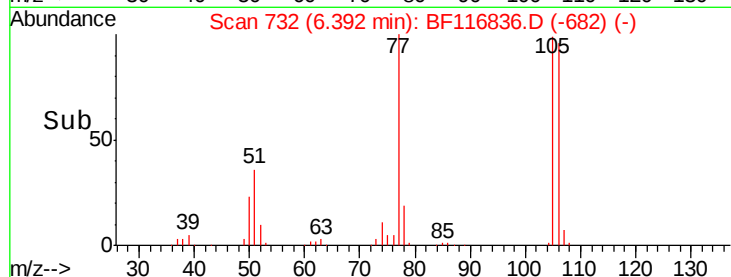
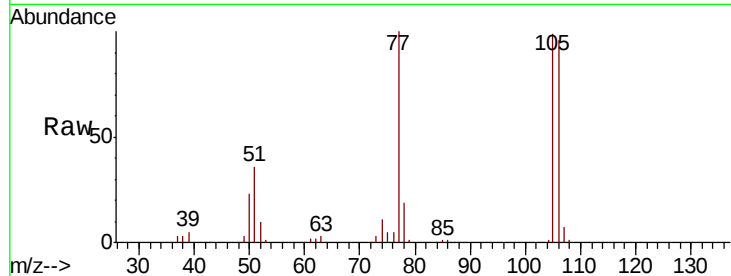
#9
Benzaldehyde
Concen: 26.420 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion:	77	Resp:	123411
Ion Ratio	Lower	Upper	
77	100		
105	99.0	76.7	116.7
106	96.4	73.1	113.1

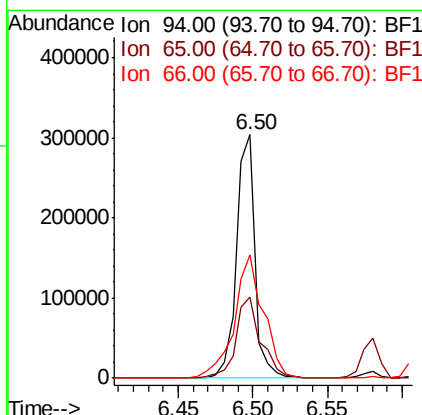
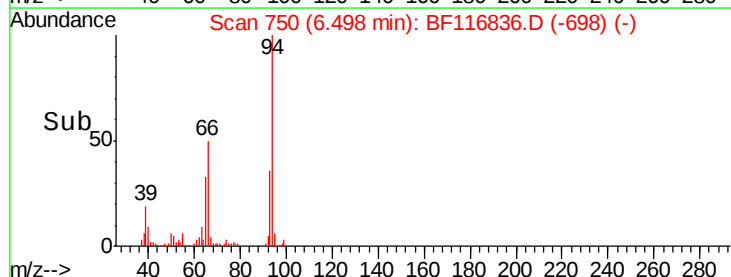
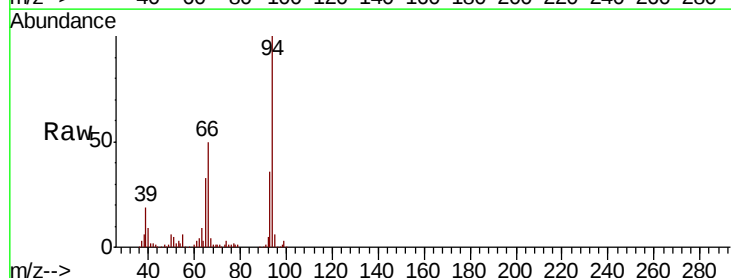
Manual Integrations
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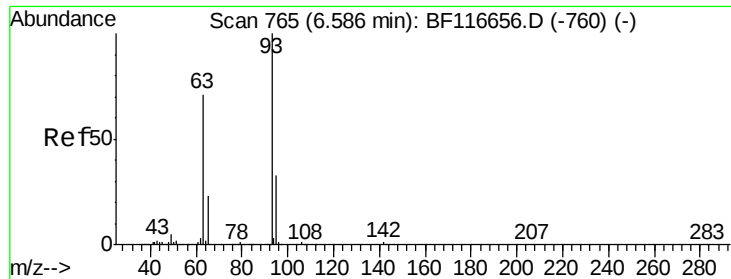
mohammad
9/10/2019 9:52:14 AM



#10
Phenol
Concen: 33.732 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:	94	Resp:	264836
Ion Ratio	Lower	Upper	
94	100		
65	33.3	10.8	50.8
66	50.5	21.1	61.1





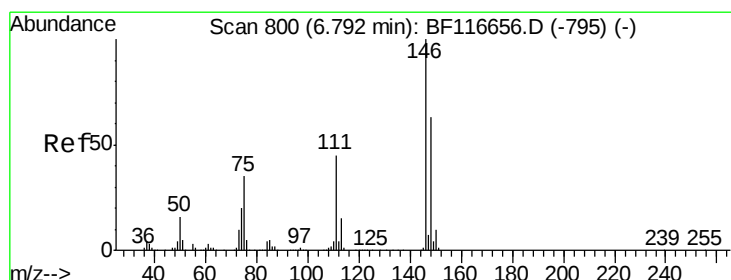
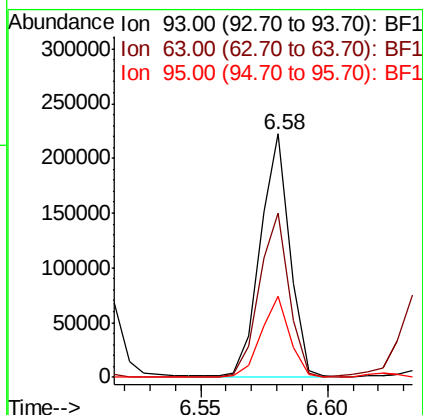
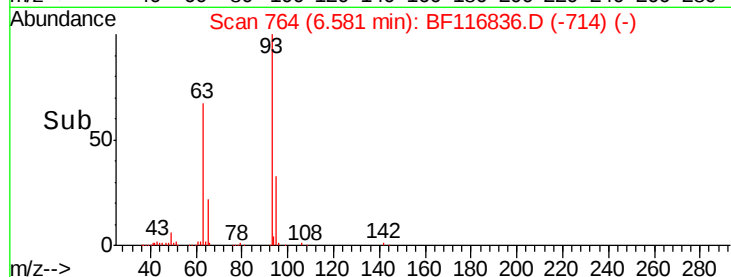
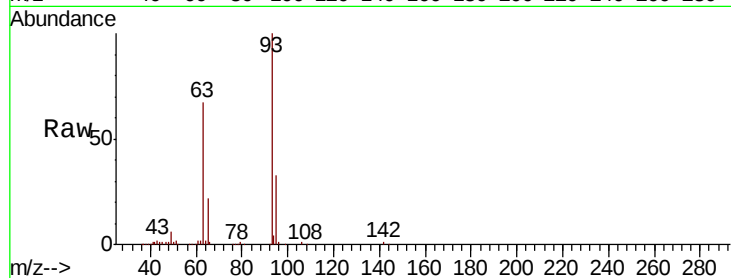
#11
bis(2-Chloroethyl)ether
Concen: 29.204 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
63	67.4	49.9	89.9		
95	33.3	12.7	52.7		

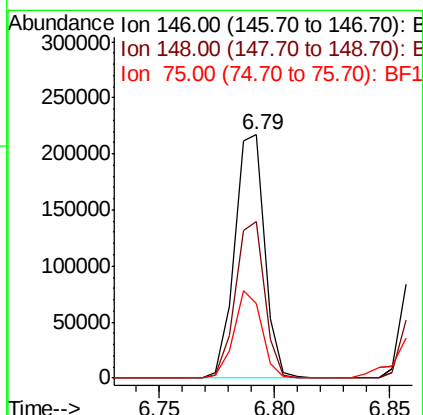
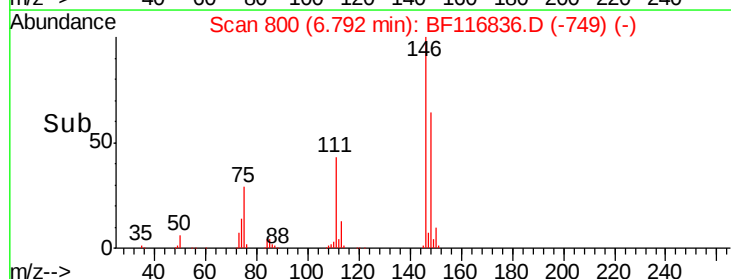
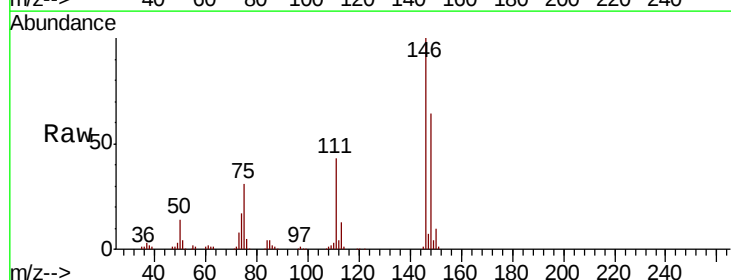
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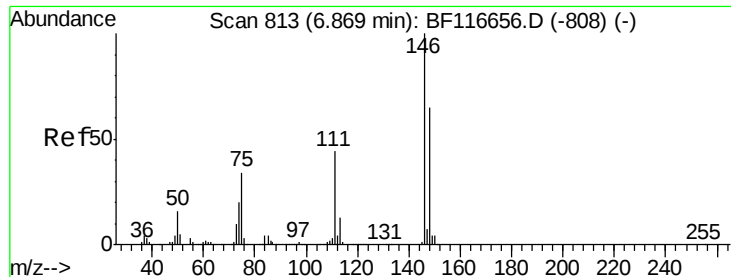
mohammad
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#12
1,3-Dichlorobenzene
Concen: 29.578 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	64.5	51.4	77.0		
75	30.5	29.6	44.4		





#13

1,4-Dichlorobenzene

Concen: 30.489 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

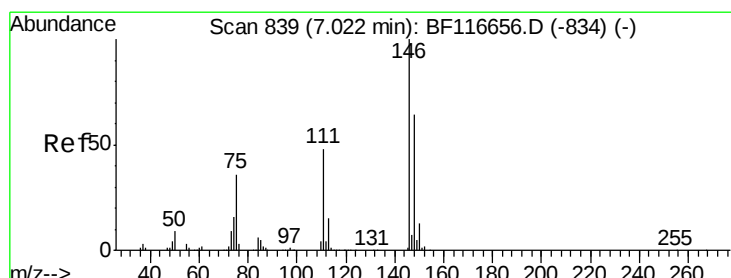
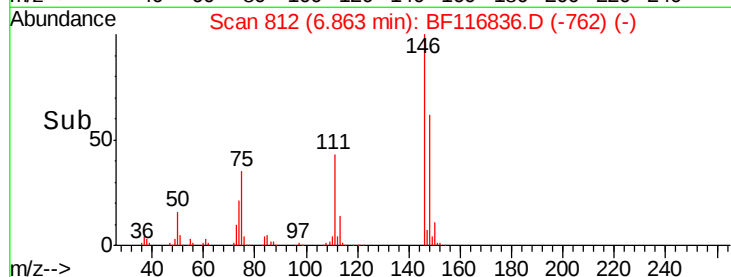
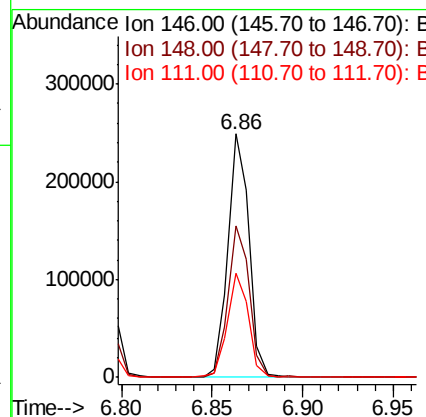
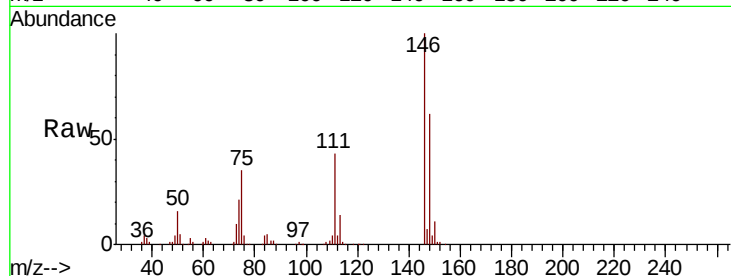
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	146	Resp:	202216
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.4	77.2
111	42.6	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 31.138 ng

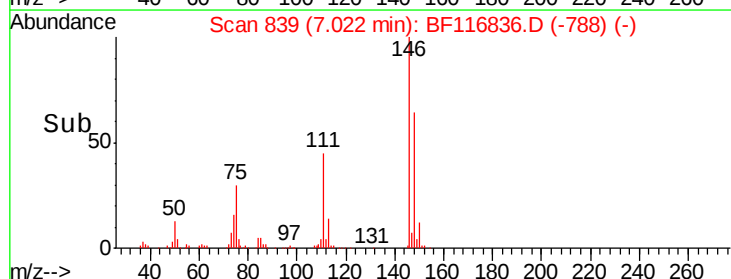
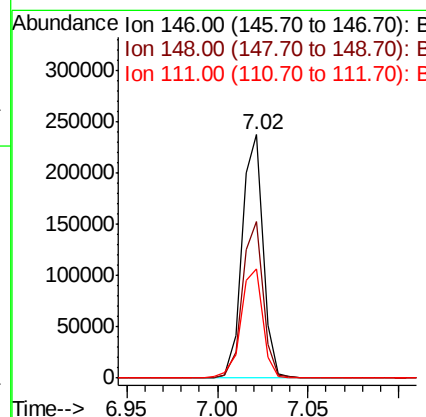
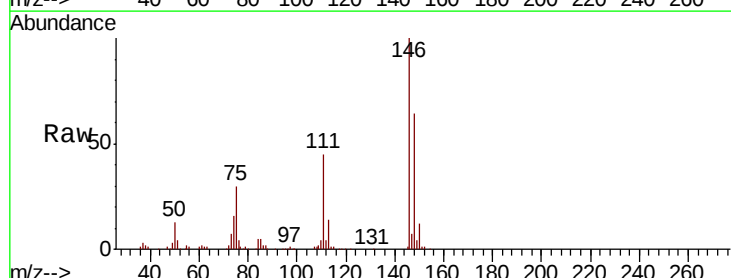
RT: 7.02 min Scan# 839

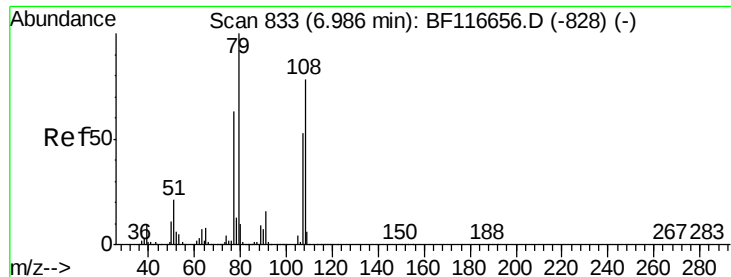
Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	146	Resp:	191391
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.6	78.8
111	44.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 30.972 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

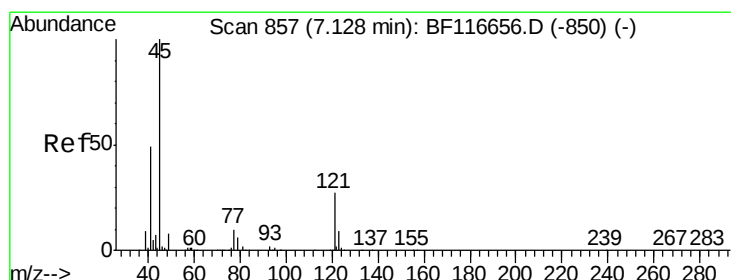
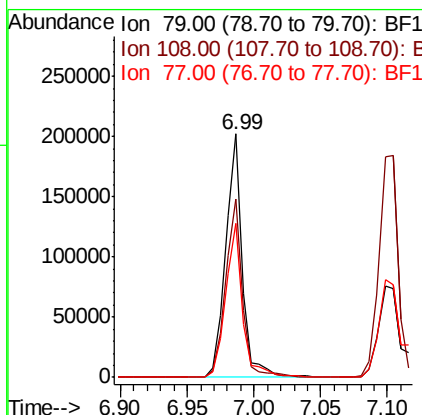
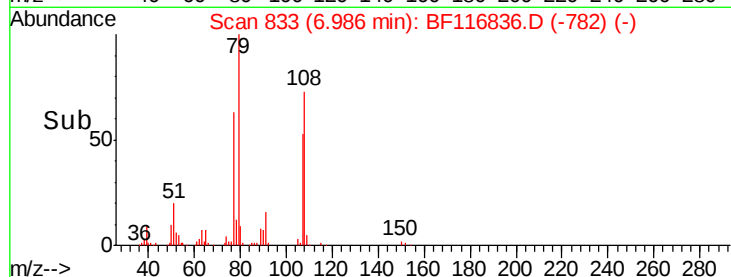
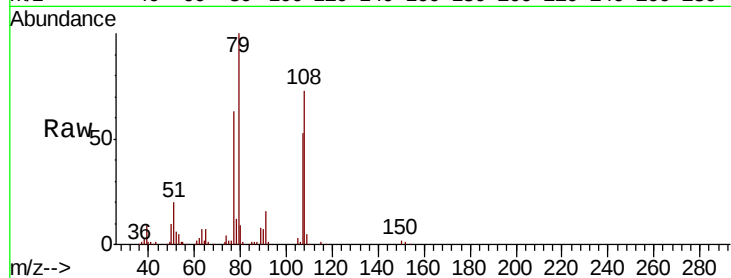
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	79	Resp:	178258
Ion Ratio	Lower	Upper	
79	100		
108	73.2	59.2	88.8
77	63.5	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 24.963 ng

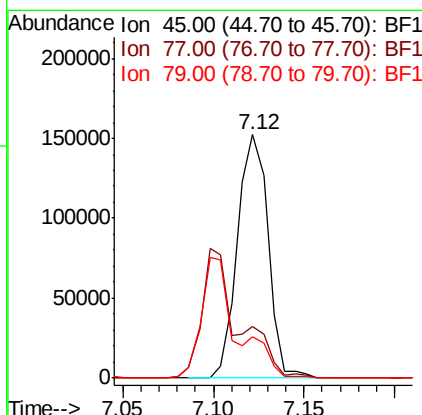
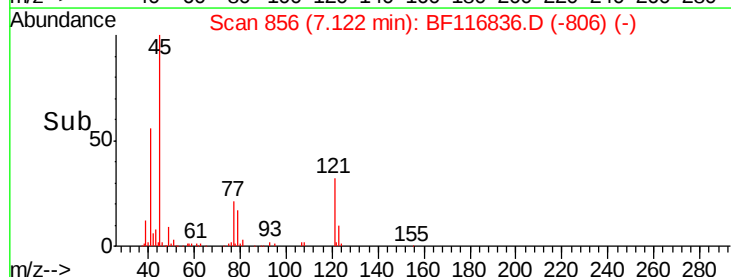
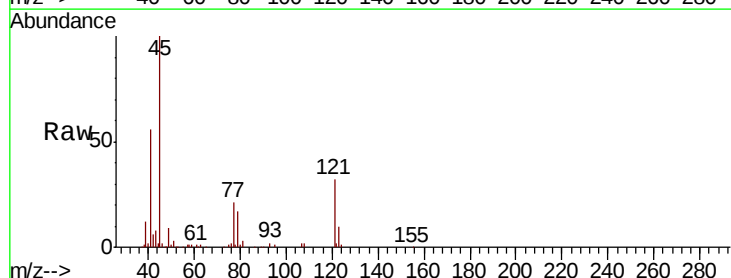
RT: 7.12 min Scan# 856

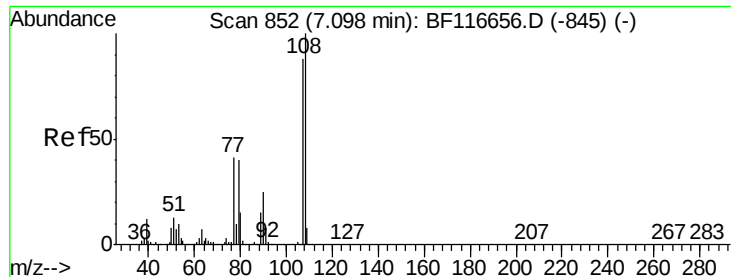
Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	45	Resp:	179050
Ion Ratio	Lower	Upper	
45	100		
77	21.2	0.0	38.2
79	17.0	0.0	33.9





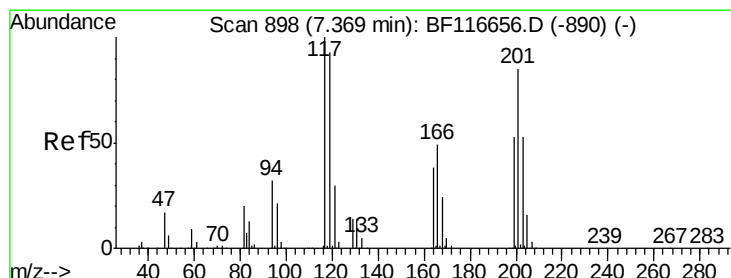
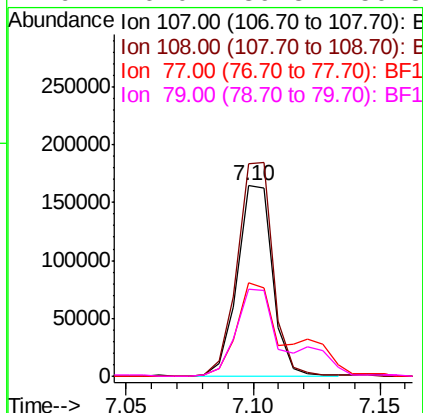
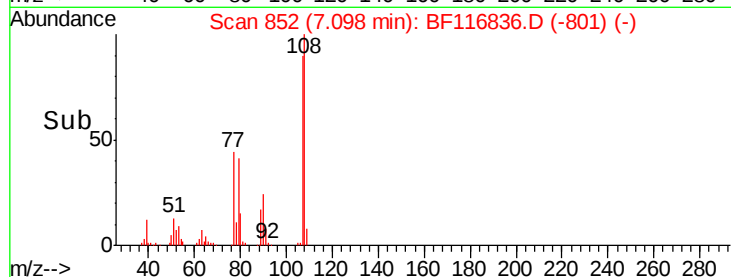
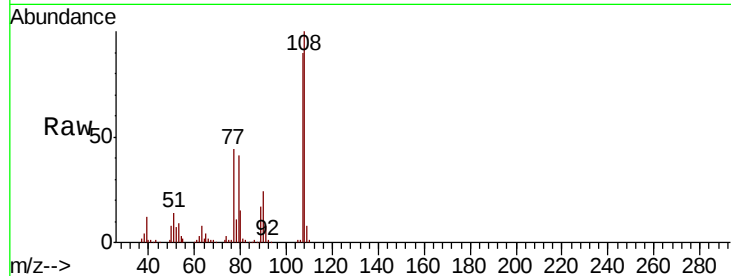
#17
2-Methylphenol
Concen: 30.927 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	88.3	132.5	
77	49.2	39.9	59.9	
79	46.0	39.8	59.8	

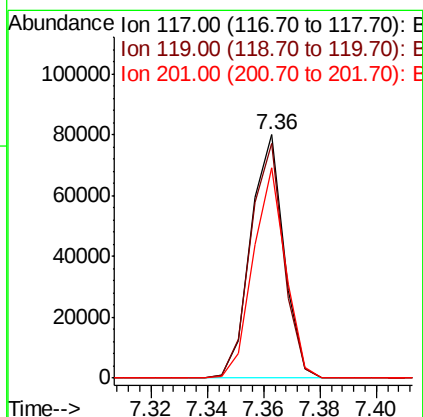
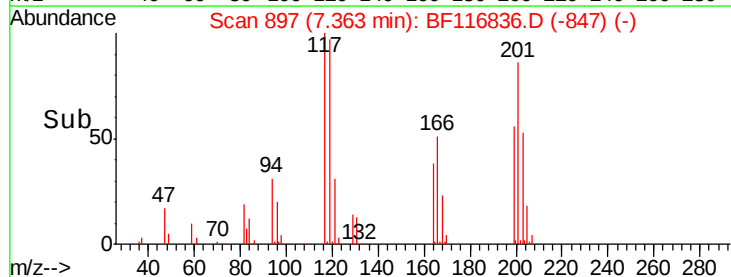
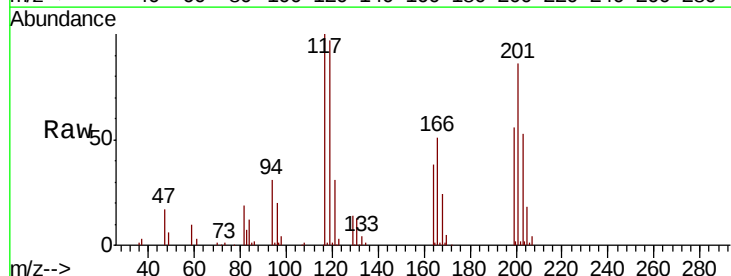
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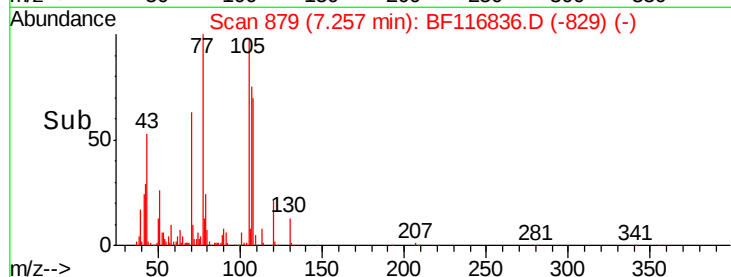
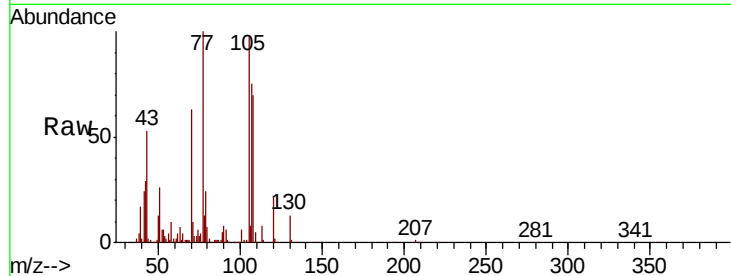
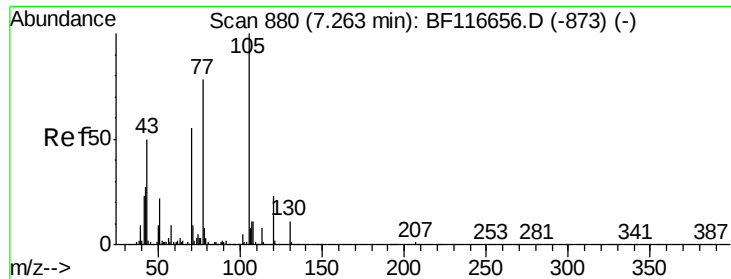
mohammad
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#18
Hexachloroethane
Concen: 25.269 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.9	115.3	
201	86.1	79.4	119.0	





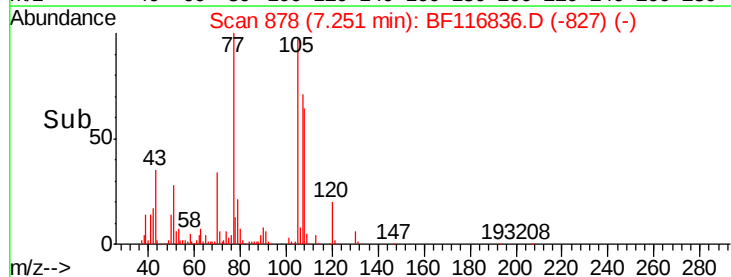
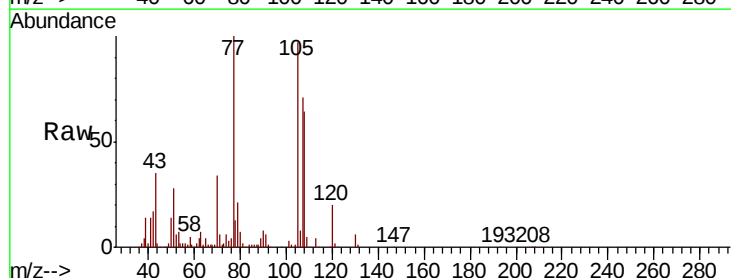
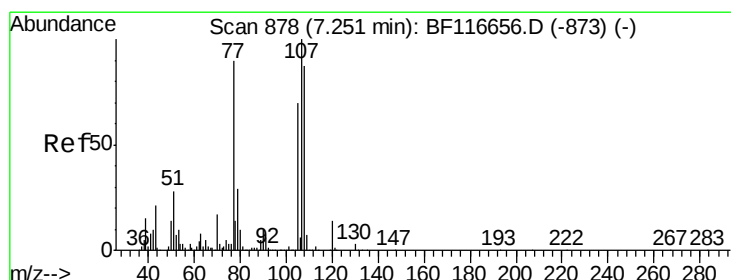
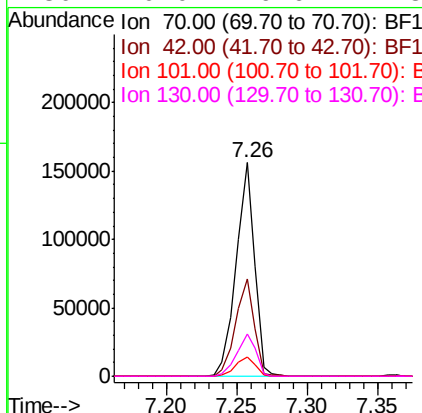
#19
n-Nitroso-di-n-propylamine
Concen: 30.453 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.8	43.5	65.3		
101	9.0	7.8	11.6		
130	20.0	16.6	24.8		

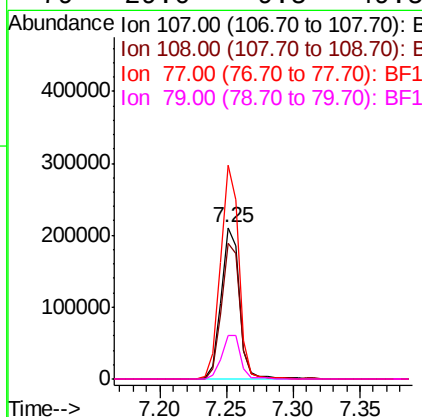
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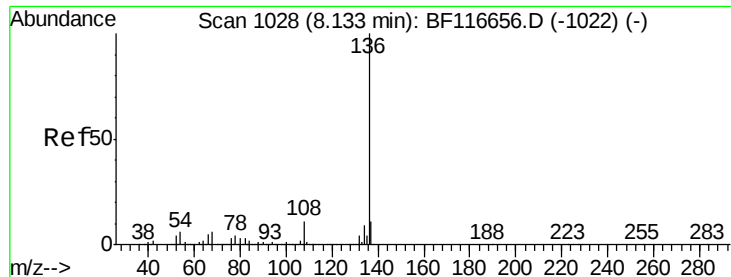
mohammad
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#20
3+4-Methylphenols
Concen: 34.504 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.6	65.5	105.5		
77	140.9	69.4	109.4		
79	29.0	9.5	49.5		





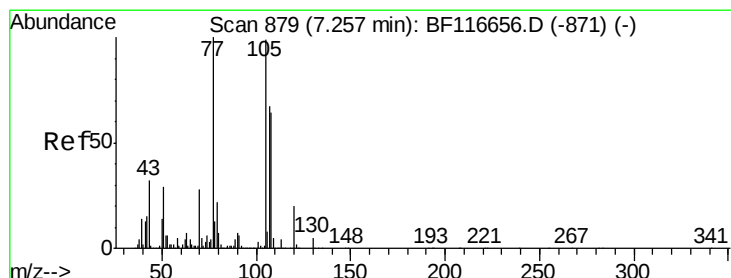
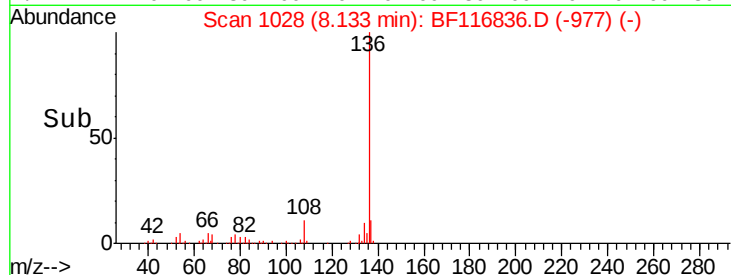
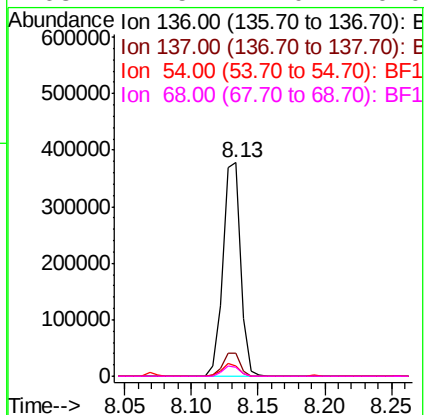
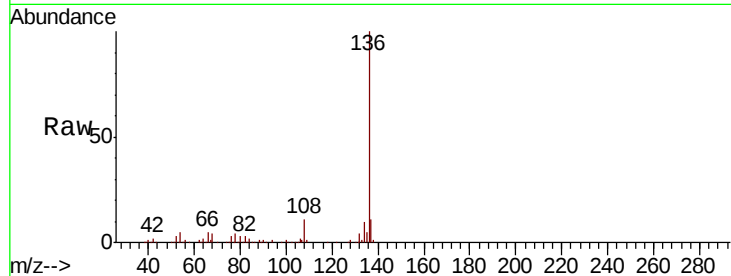
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	355498		
137	10.6	8.9	13.3	
54	5.0	4.8	7.2	
68	4.5	4.0	6.0	

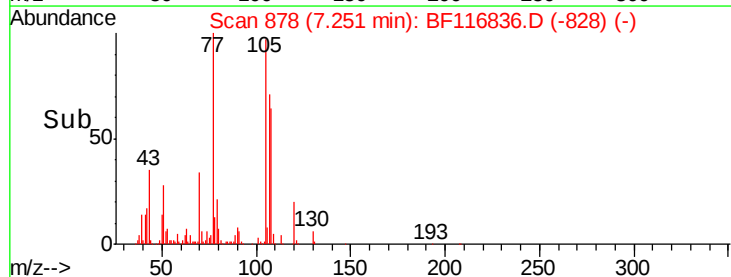
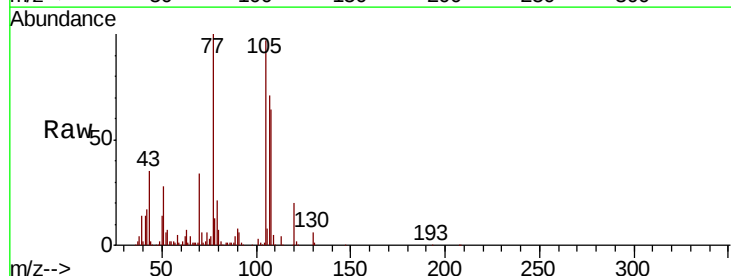
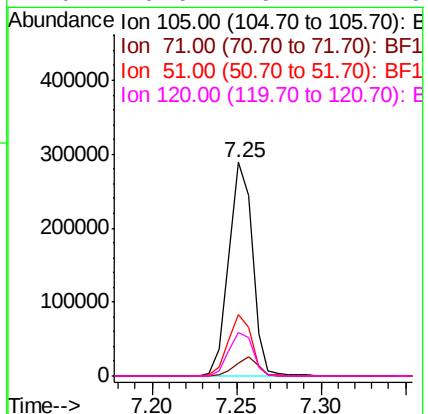
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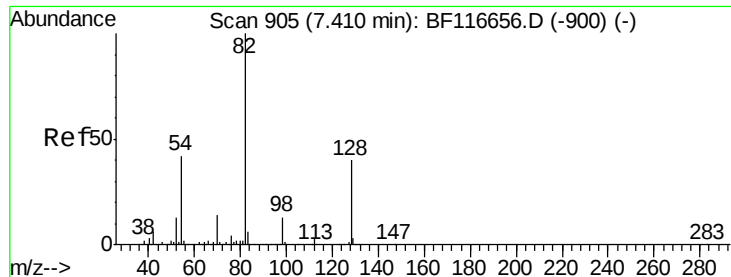
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#22
Acetophenone
Concen: 32.943 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281949		
71	6.2	4.2	6.4	
51	29.0	25.8	38.8	
120	20.6	16.4	24.6	





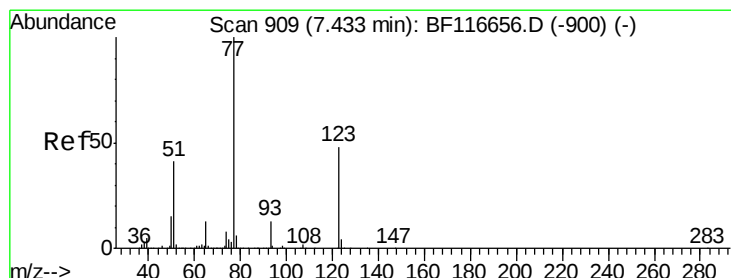
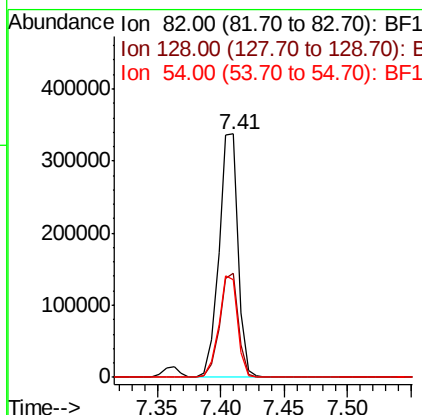
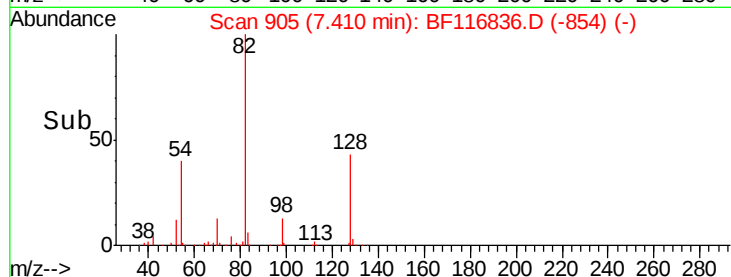
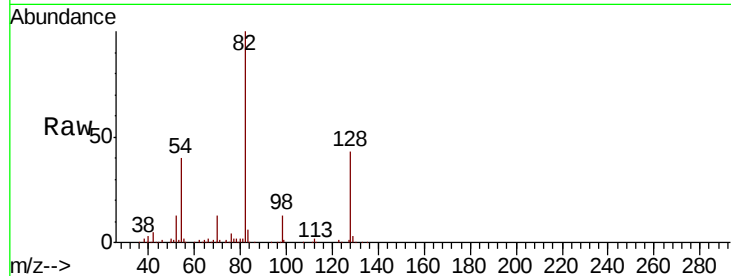
#23
 Nitrobenzene-d5
 Concen: 57.281 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.8	49.2
54	40.2	36.9	55.3

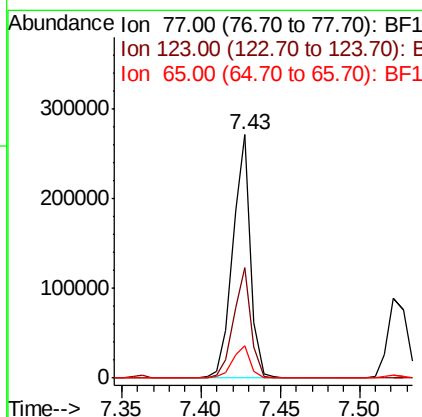
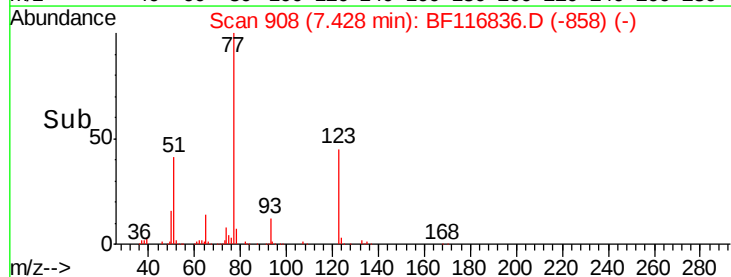
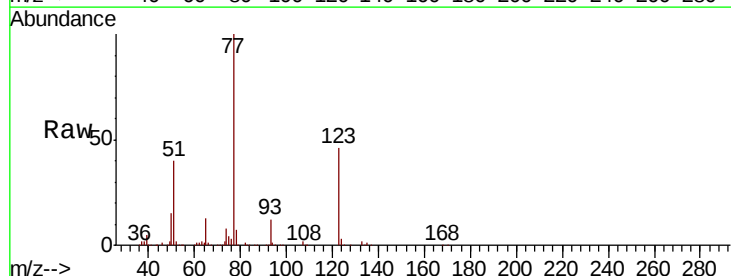
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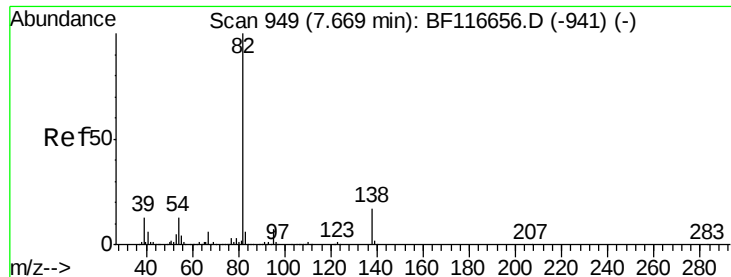
mohammad
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#24
 Nitrobenzene
 Concen: 33.131 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	33.1	49.7
65	13.1	10.6	15.8





#25

Isophorone

Concen: 31.002 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

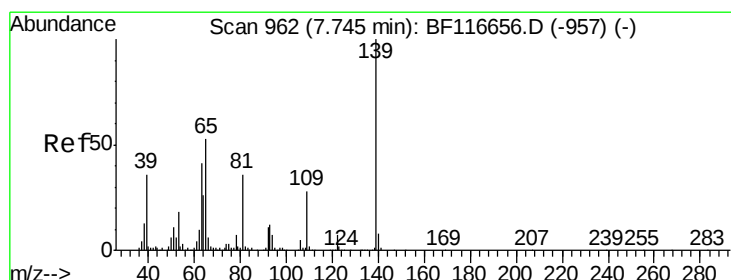
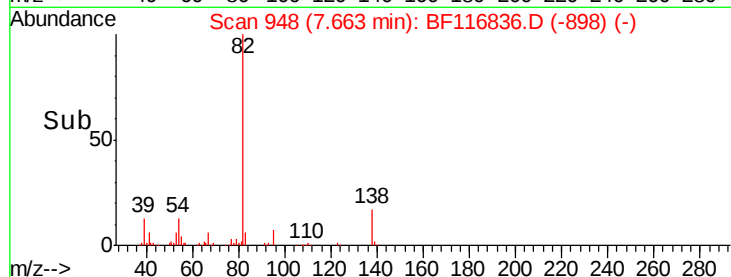
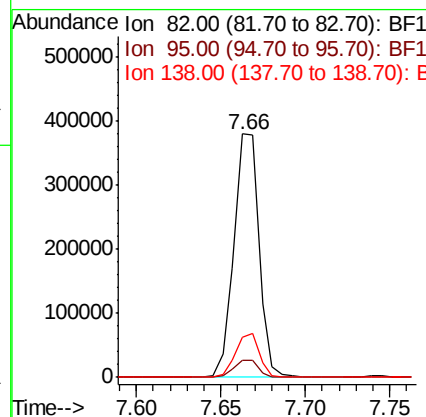
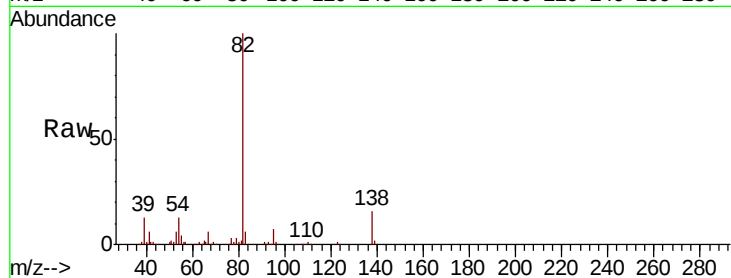
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	82	Resp:	391203
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	16.4	13.5	20.3

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#26

2-Nitrophenol

Concen: 34.949 ng

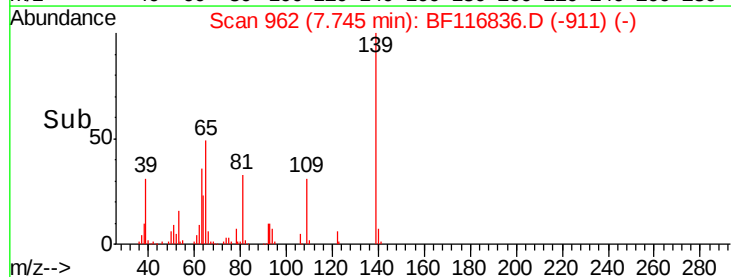
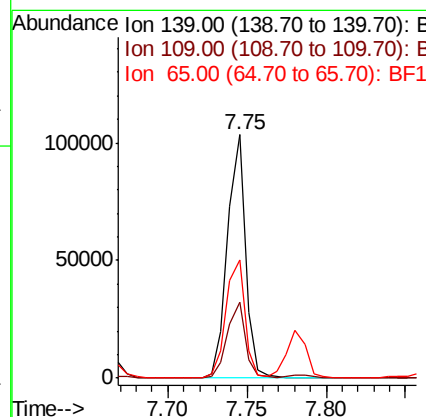
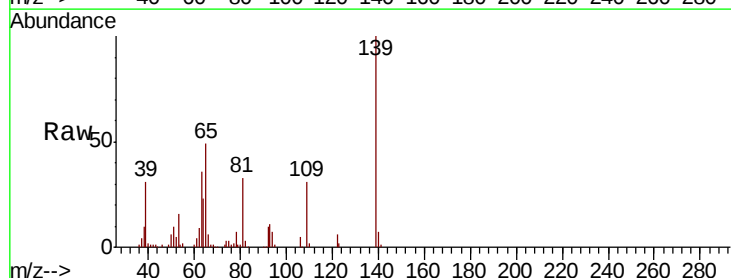
RT: 7.75 min Scan# 962

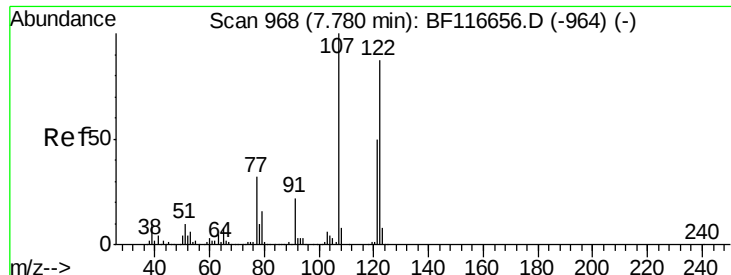
Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	139	Resp:	82293
Ion Ratio	Lower	Upper	
139	100		
109	31.1	27.1	40.7
65	48.6	43.0	64.6





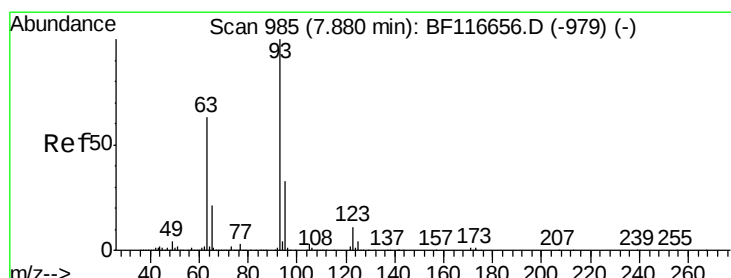
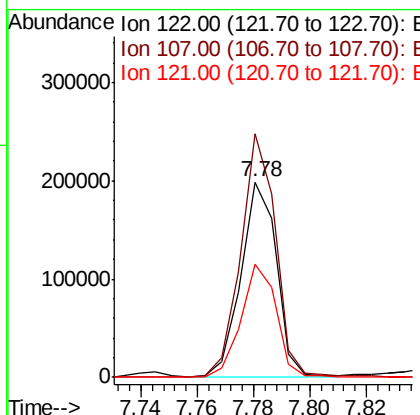
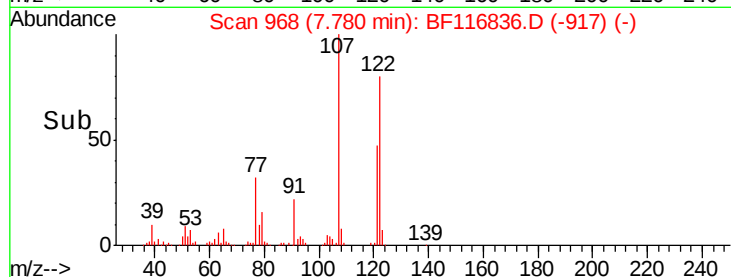
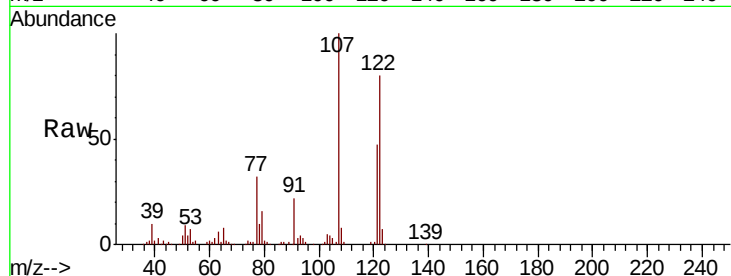
#27
2,4-Dimethylphenol
Concen: 36.795 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	98.1	147.1
121	58.2	47.3	70.9

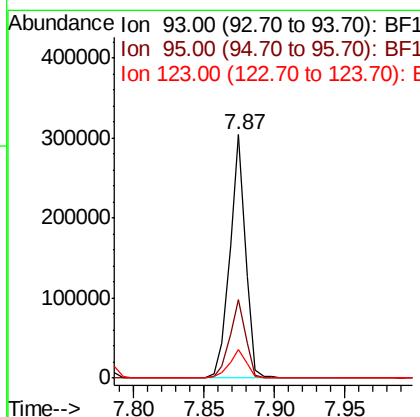
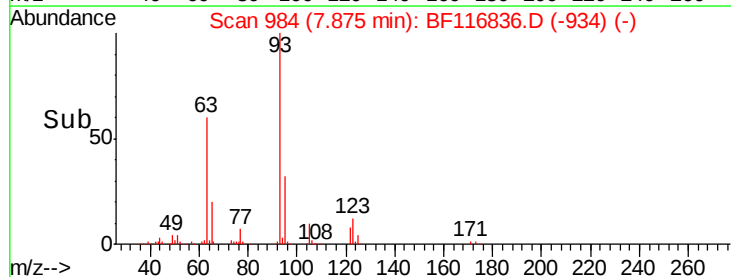
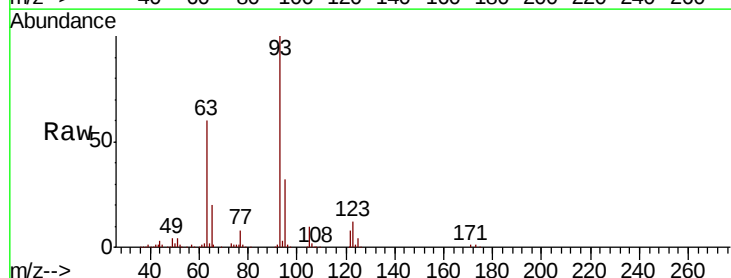
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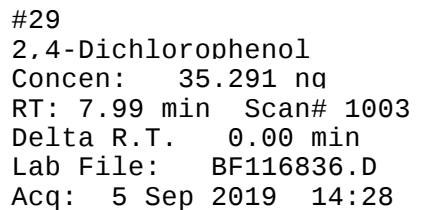
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 30.427 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.5	9.8	14.8



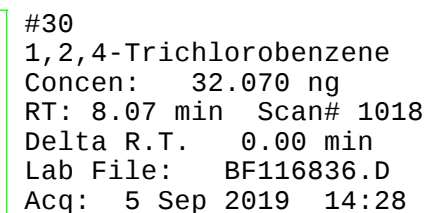
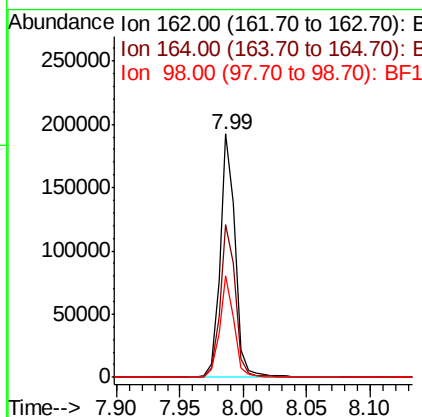


Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

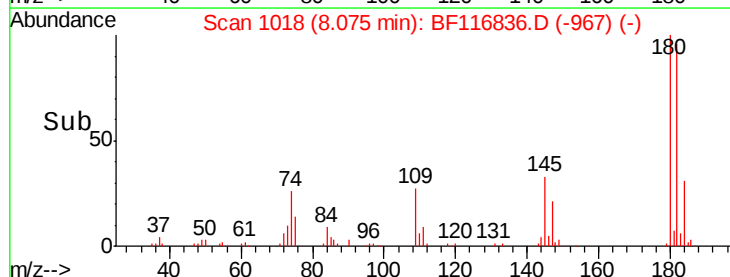
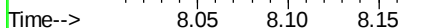
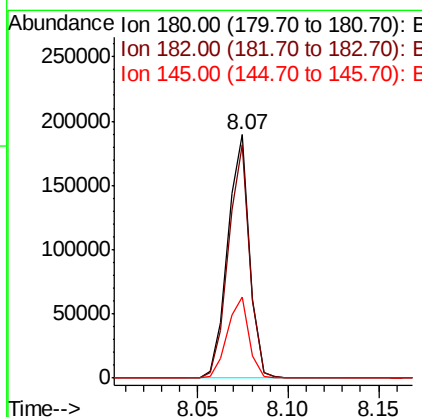
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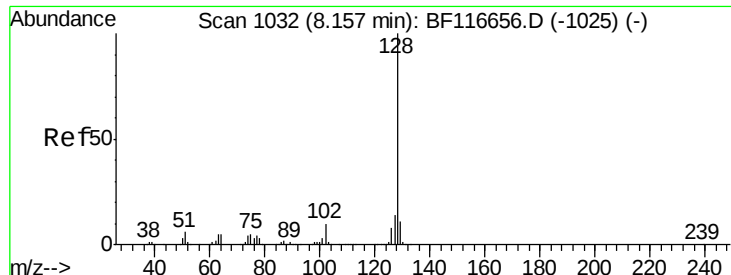
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Tqt	Ion:162	Resp:	161282
Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.4	83.4
98	41.5	18.1	58.1



Tgt	Ion:180	Resp:	158965
Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.6	118.0
145	33.3	25.7	38.5





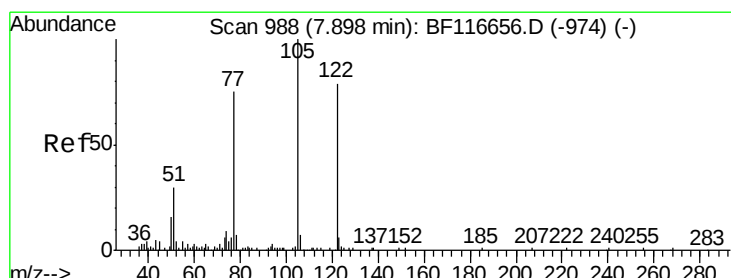
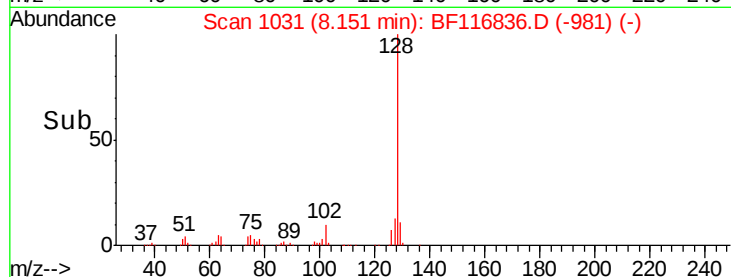
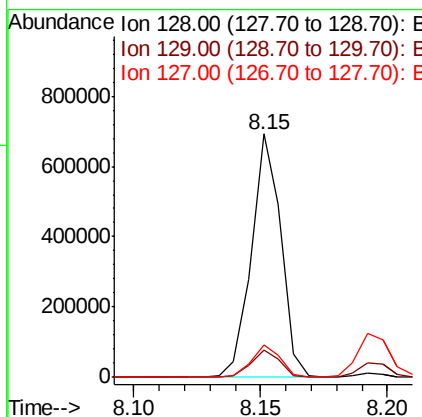
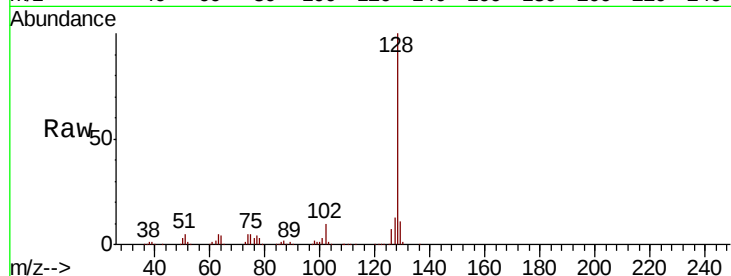
#31
Naphthalene
Concen: 33.167 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion:128	Resp:	560667
Ion Ratio	Lower	Upper
128 100		
129 11.3	8.6	13.0
127 13.4	10.4	15.6

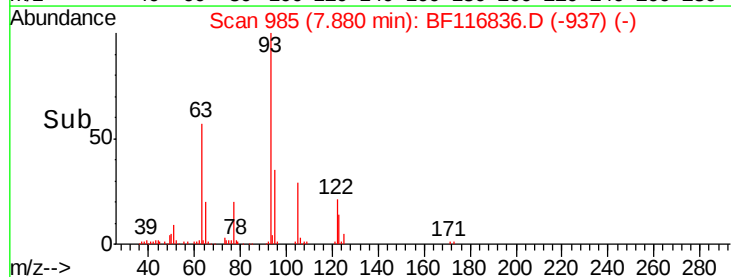
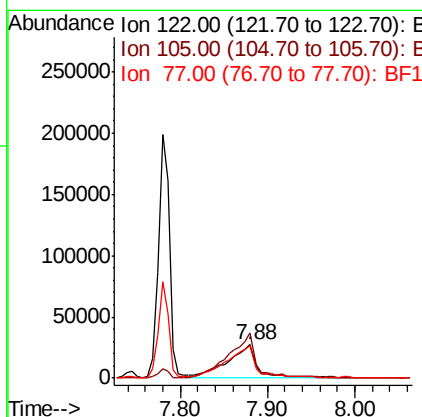
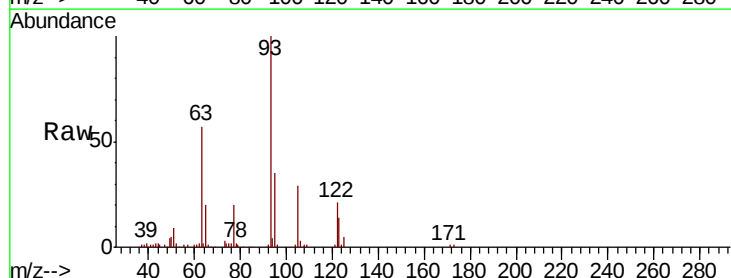
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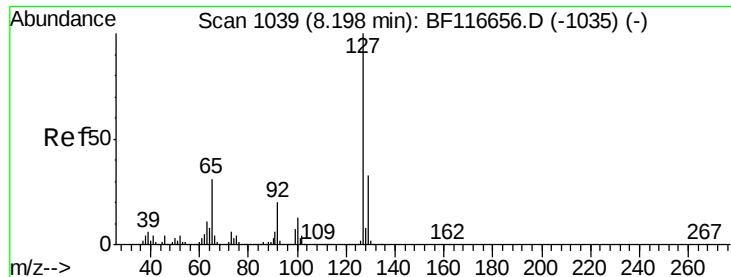
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#32
Benzoic acid
Concen: 22.696 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:122	Resp:	60941
Ion Ratio	Lower	Upper
122 100		
105 134.3	110.0	150.0
77 96.1	81.7	121.7





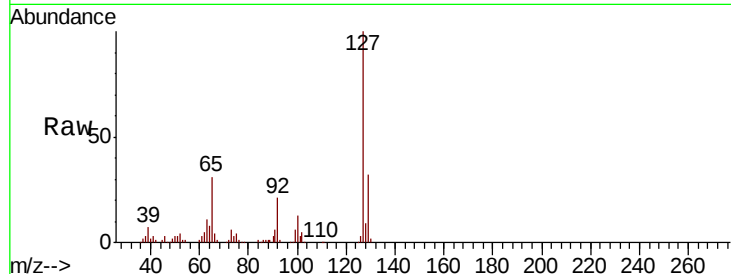
#33
 4-Chloroaniline
 Concen: 14.997 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB11-COMPMS

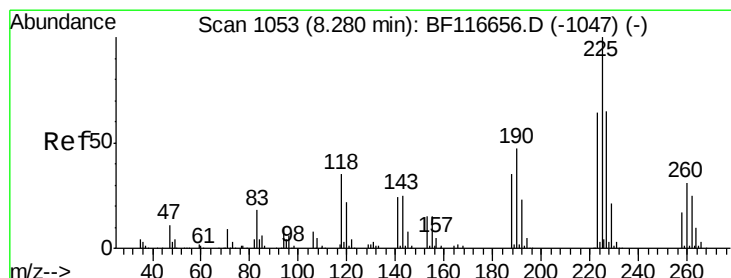
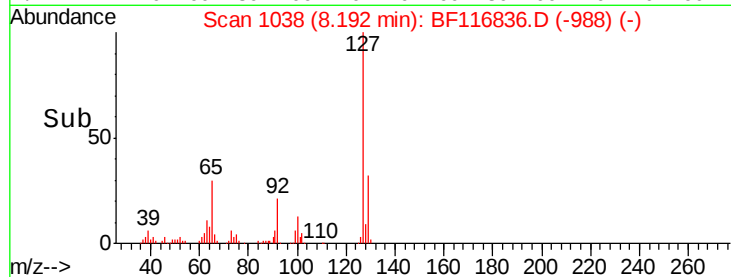
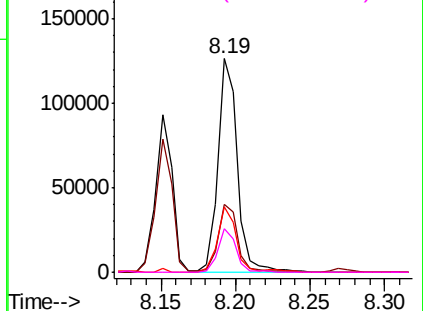
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.2	39.2	
65	30.8	26.0	39.0	
92	20.7	16.1	24.1	

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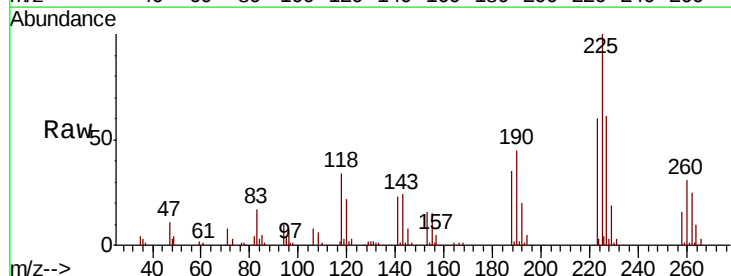


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

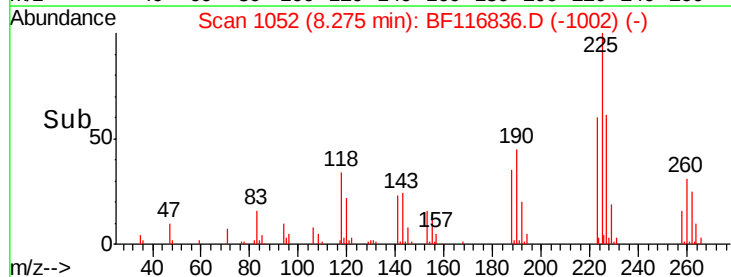
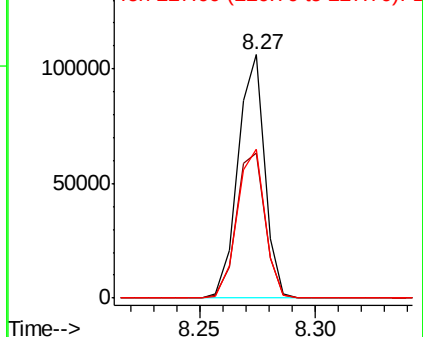


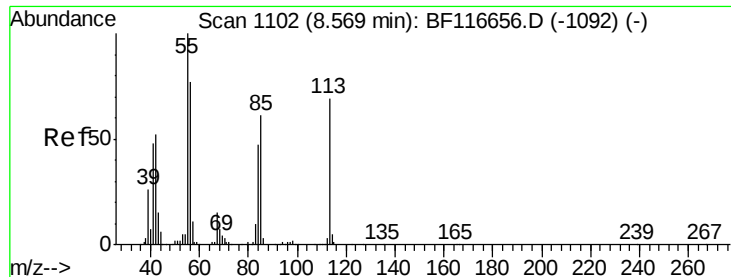
#34
 Hexachlorobutadiene
 Concen: 31.723 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.6	49.4	74.2	
227	61.3	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.512 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

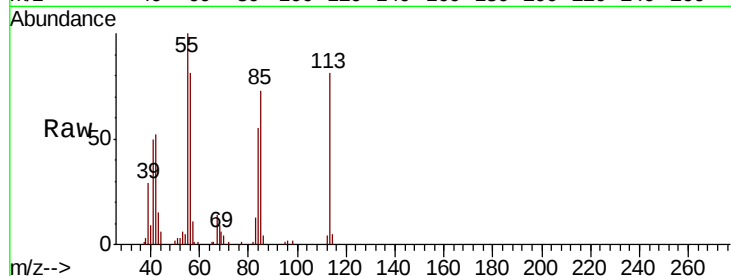
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	113	Resp:	53895
Ion Ratio	Lower	Upper	
113	100		
55	123.2	124.3	164.3#
56	100.4	94.6	134.6

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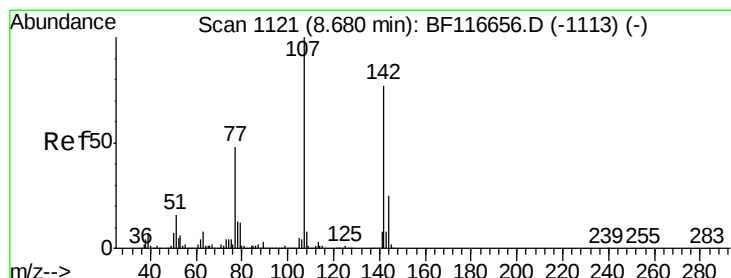
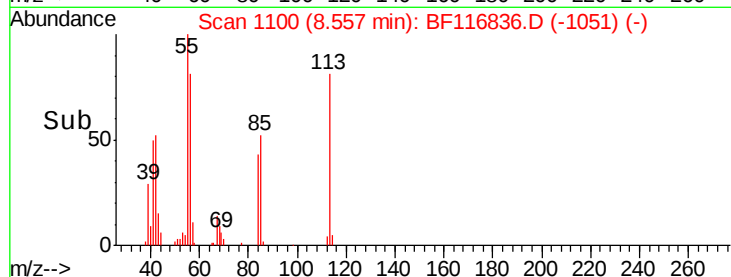
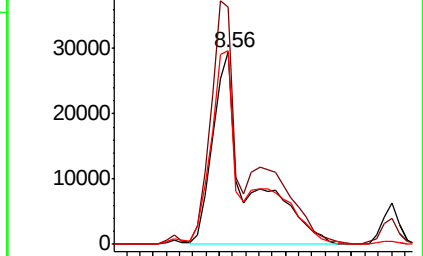
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.895 ng/mL

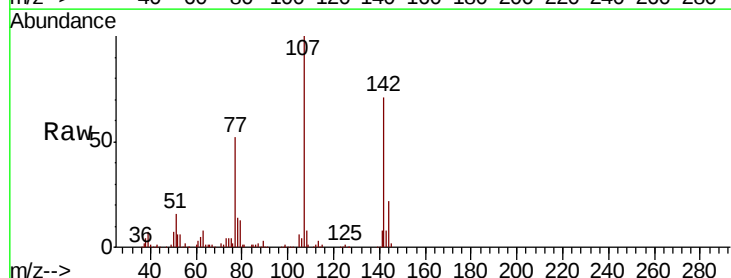
RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

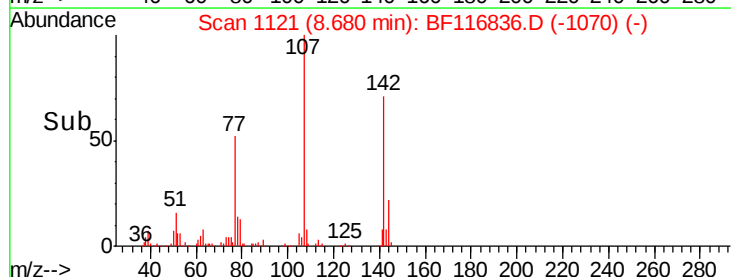
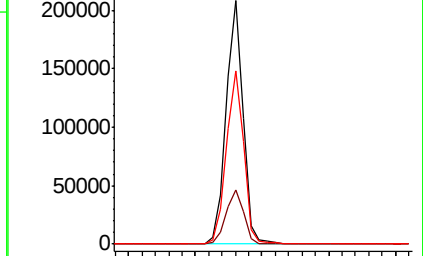
Tgt Ion:	107	Resp:	188542
Ion Ratio	Lower	Upper	
107	100		
144	22.5	18.6	27.8
142	71.3	58.5	87.7

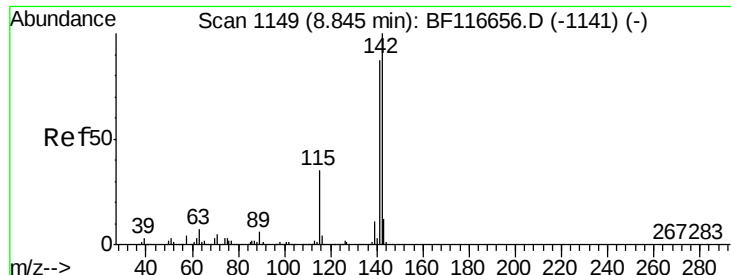


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





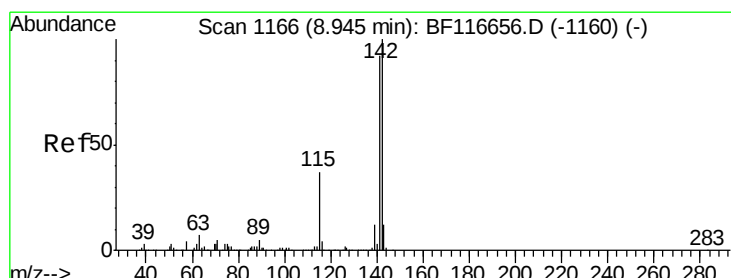
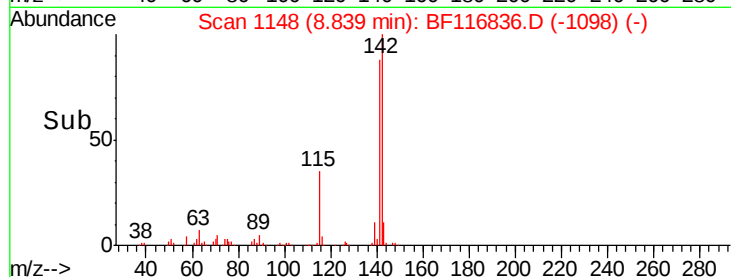
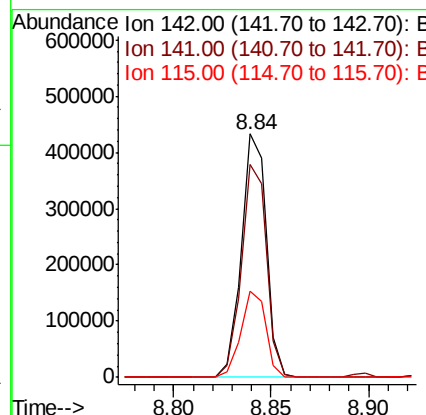
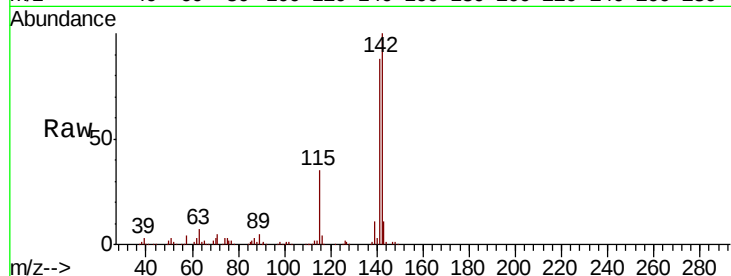
#37
2-Methylnaphthalene
Concen: 34.297 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	109.0
115	35.2	29.8	44.6

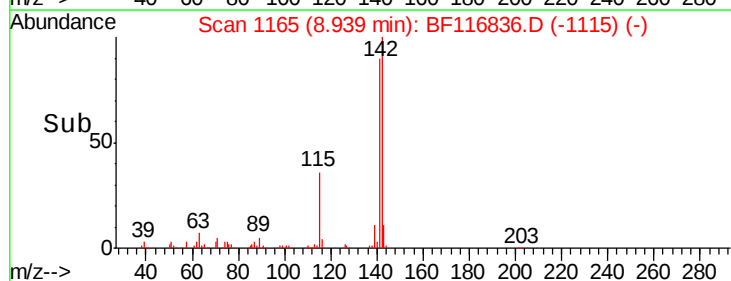
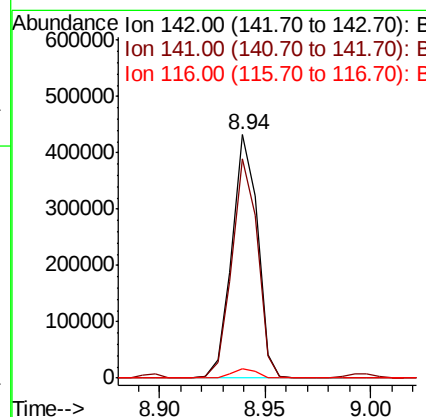
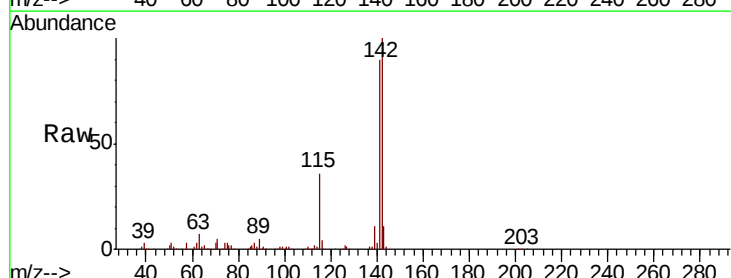
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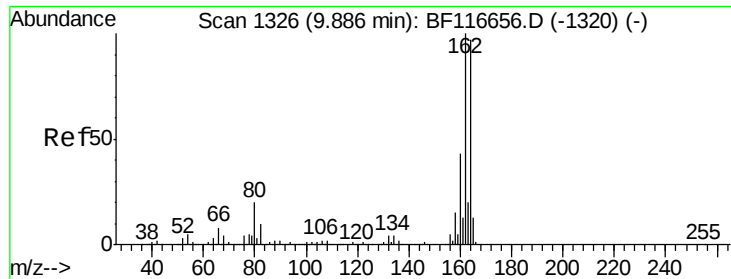
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#38
1-Methylnaphthalene
Concen: 34.115 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.9	110.9
116	3.8	3.0	4.6





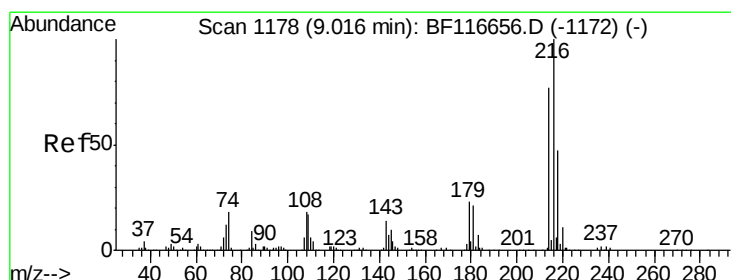
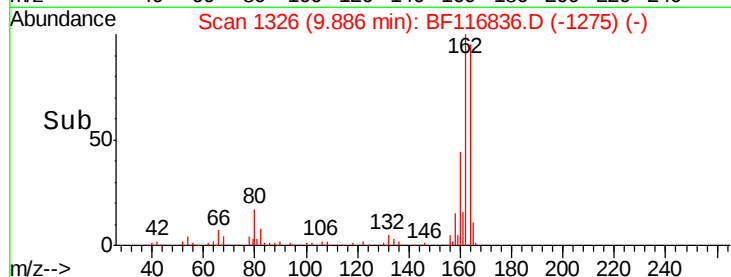
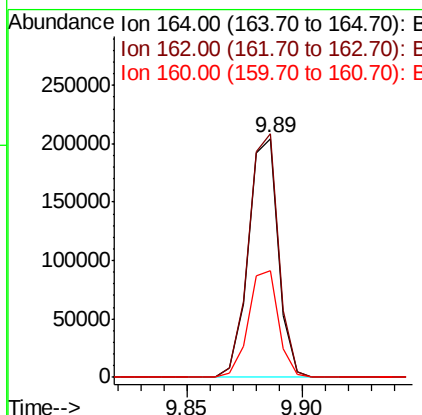
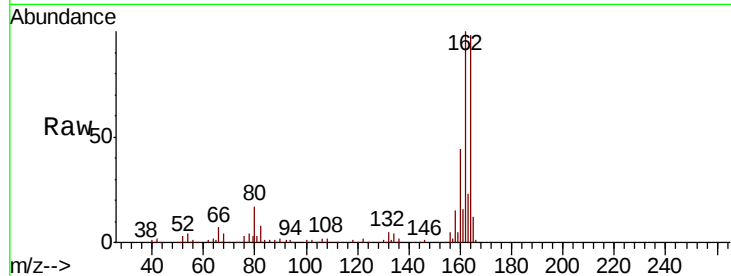
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	81.4	122.0	
160	44.8	35.4	53.2	

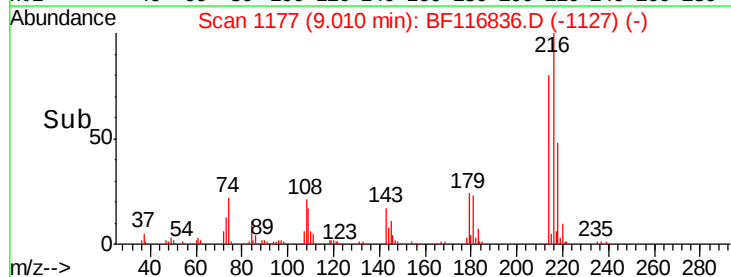
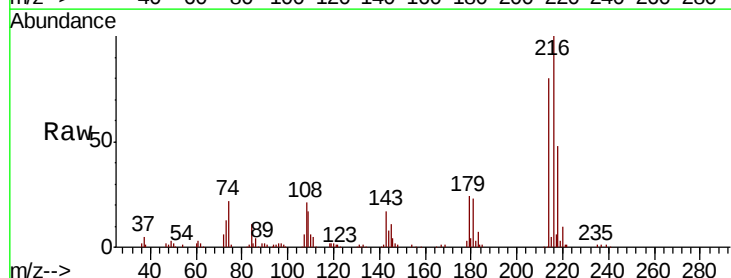
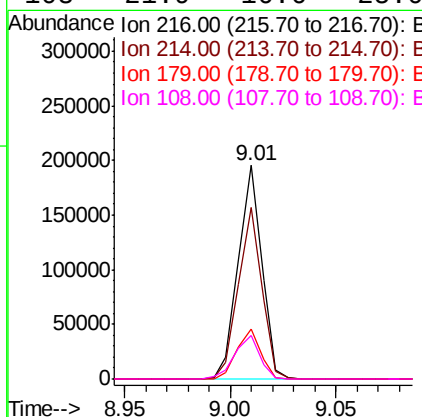
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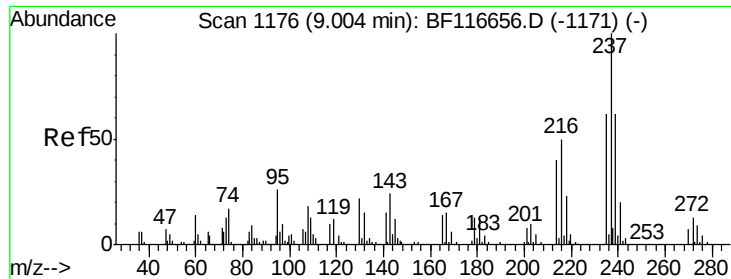
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.786 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	62.7	94.1	
179	23.8	19.3	28.9	
108	21.9	16.6	25.0	





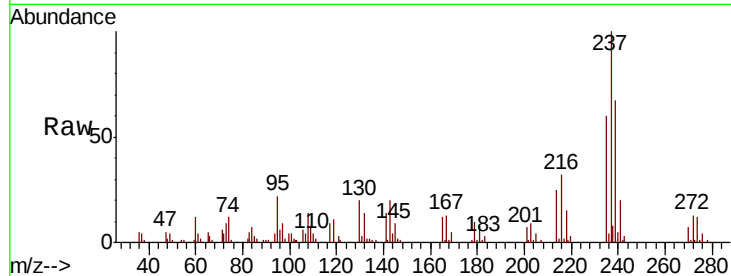
#41
Hexachlorocyclopentadiene
Concen: 19.475 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

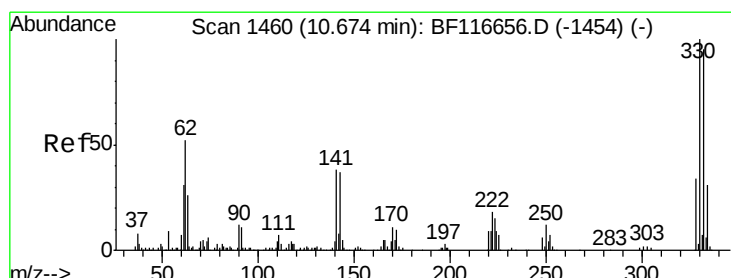
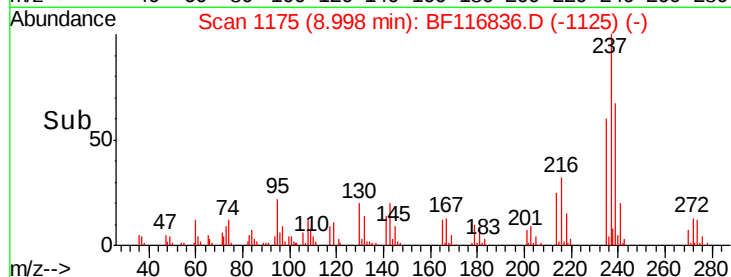
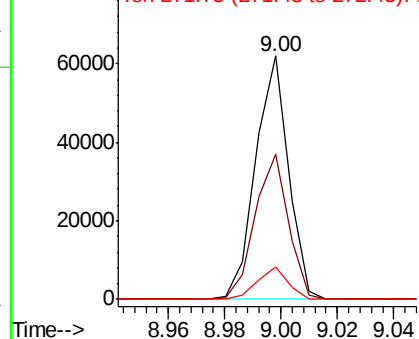
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	59.7	41.4	81.4
272	13.3	0.0	32.8

Manual Integrations
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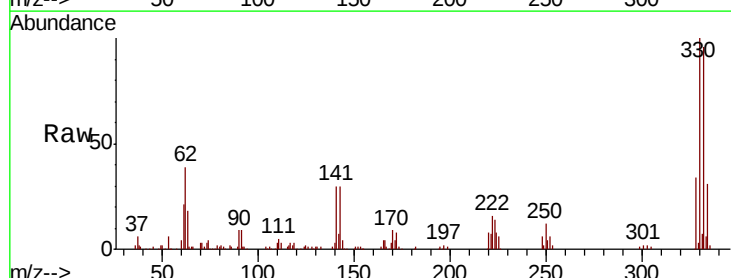


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

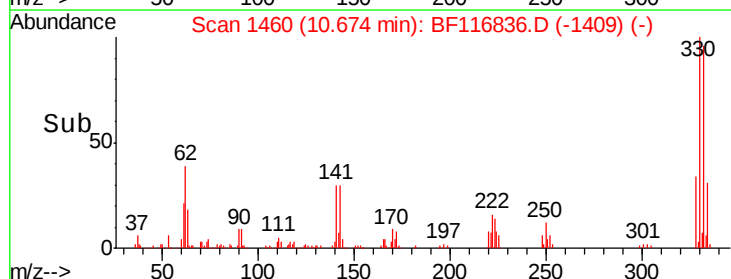
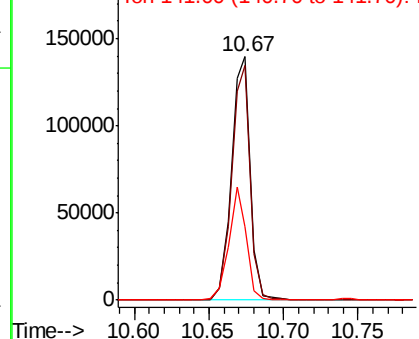


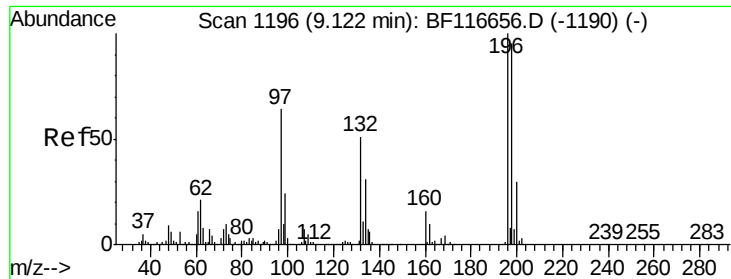
#42
2,4,6-Tribromophenol
Concen: 101.249 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.9	76.9	115.3
141	42.7	31.4	47.2



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





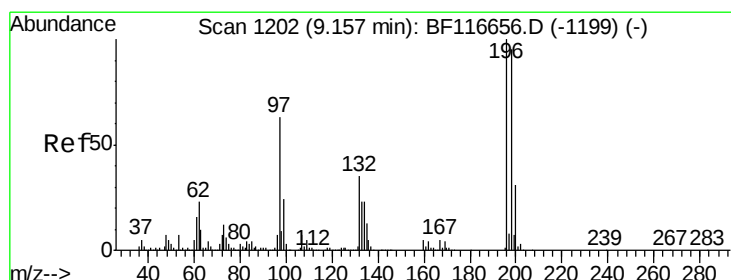
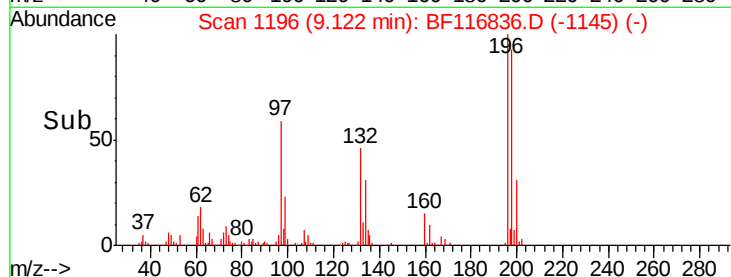
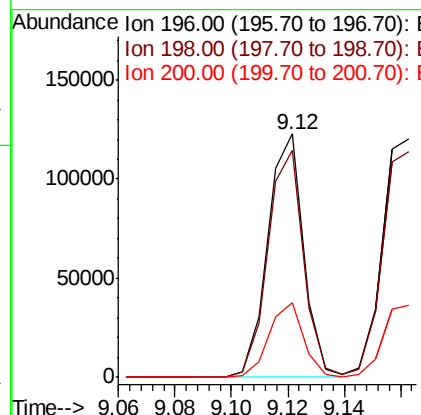
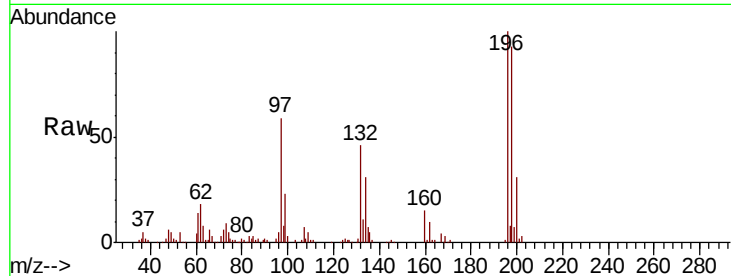
#43
 2,4,6-Trichlorophenol
 Concen: 35.370 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107813		
198	93.4	79.1	118.7	
200	30.5	24.0	36.0	

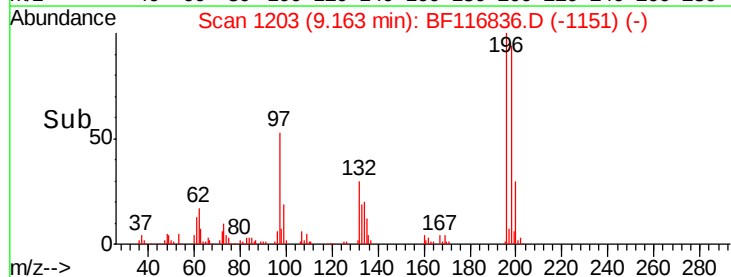
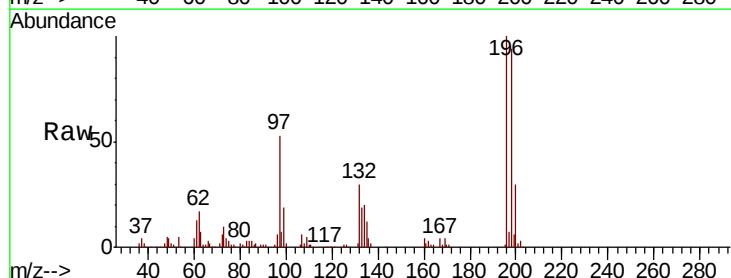
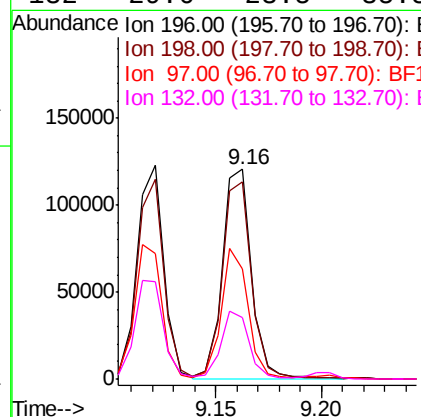
Manual Integrations
 APPROVED

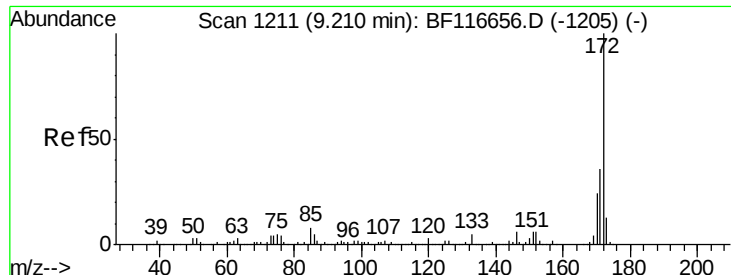
mohammad
 9/10/2019 9:52:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.076 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114163		
198	94.3	78.1	117.1	
97	52.7	41.6	62.4	
132	29.6	23.5	35.3	





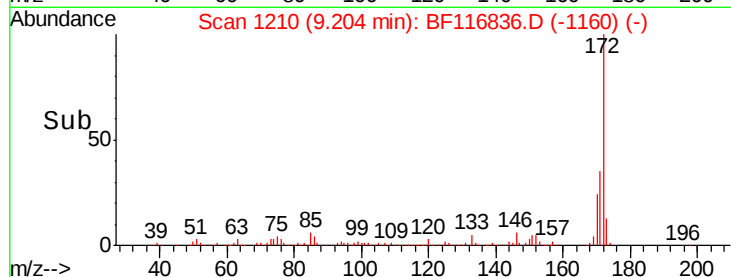
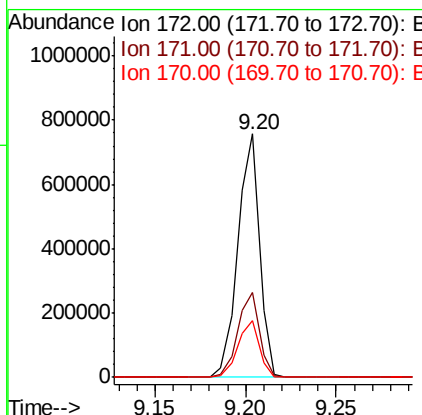
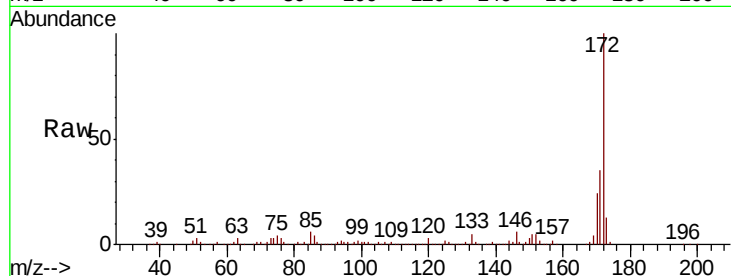
#45
 2-Fluorobiphenyl
 Concen: 57.267 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB11-COMPMS

Tot Ion:	172	Resp:	629718
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.8	41.6
170	23.5	18.9	28.3

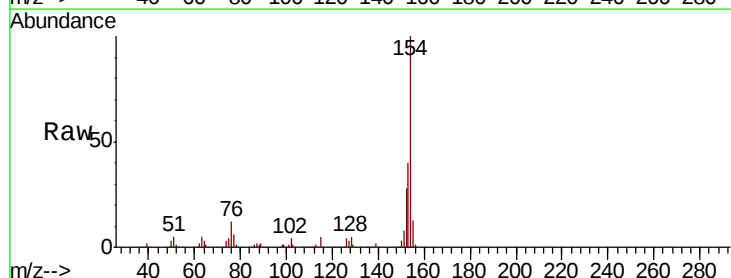
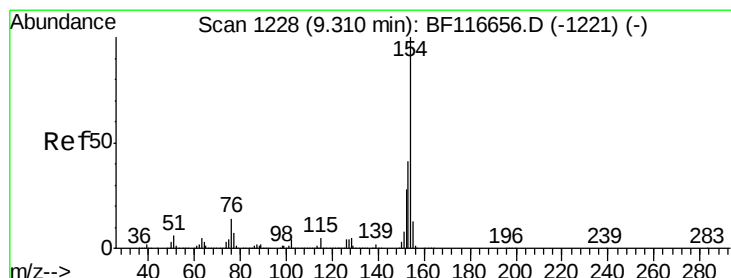
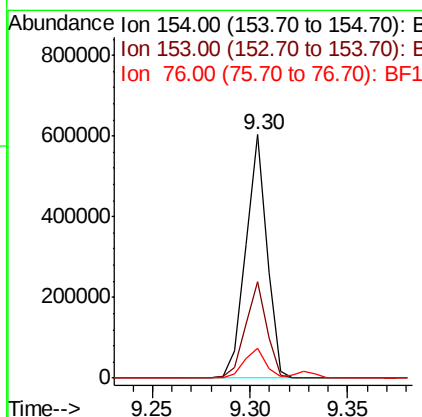
Manual Integrations
 APPROVED

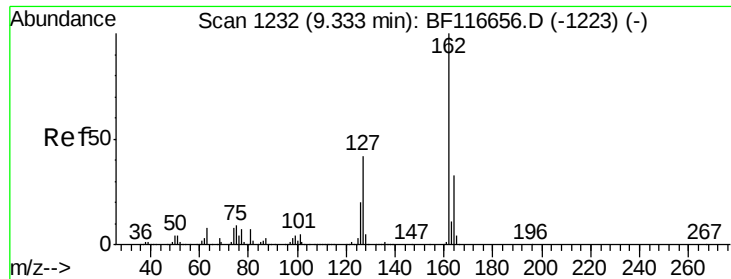
mohammad
 9/10/2019 9:52:14 AM



#46
 1,1'-Biphenyl
 Concen: 32.293 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion:	154	Resp:	454548
Ion Ratio	Lower	Upper	
154	100		
153	39.8	21.2	61.2
76	12.1	0.0	30.9





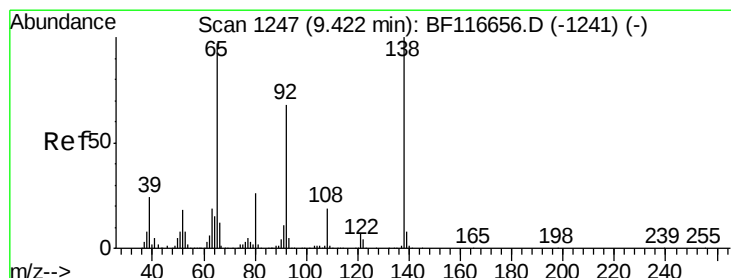
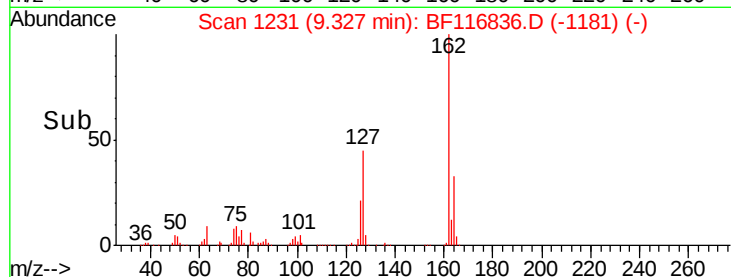
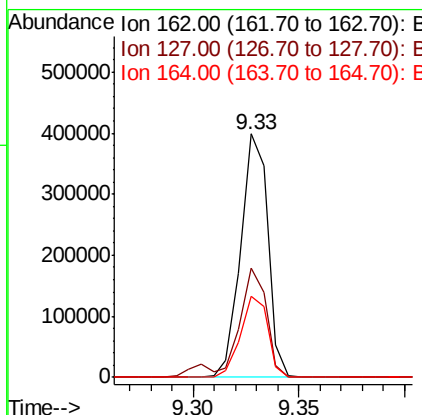
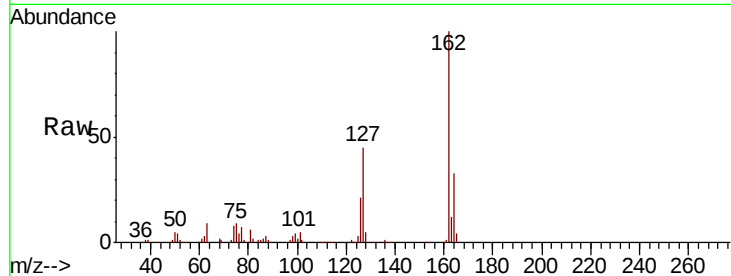
#47
2-Chloronaphthalene
Concen: 31.821 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	354758		
127	45.1	33.4	50.2	
164	33.5	26.6	39.8	

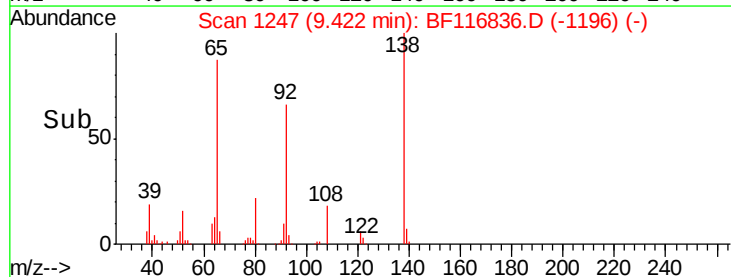
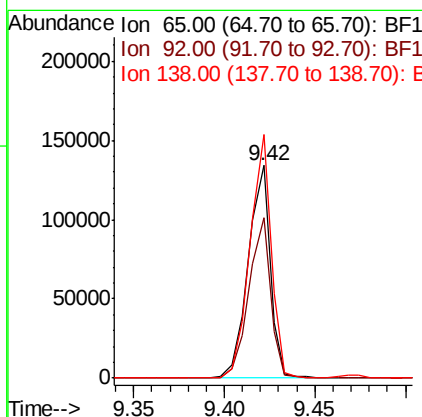
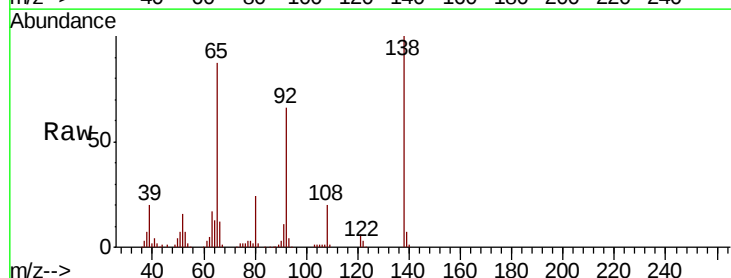
Manual Integrations
APPROVED

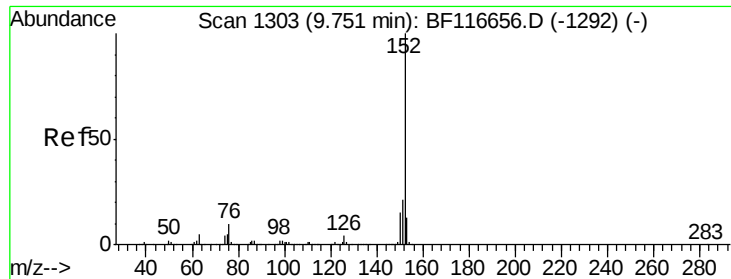
mohammad
9/10/2019 9:52:14 AM



#48
2-Nitroaniline
Concen: 35.299 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	113771		
92	75.3	57.1	85.7	
138	114.6	88.2	132.2	





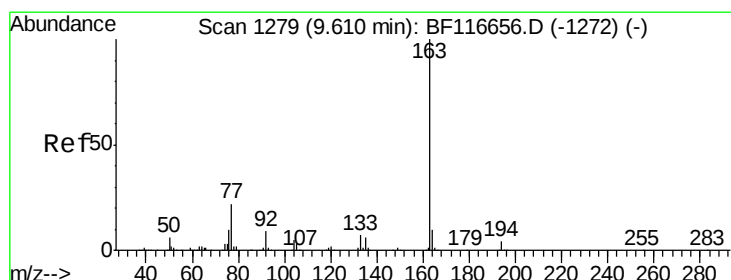
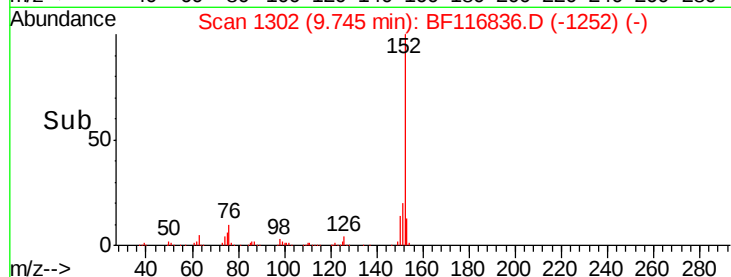
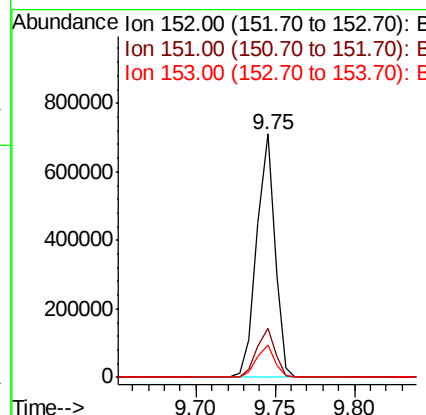
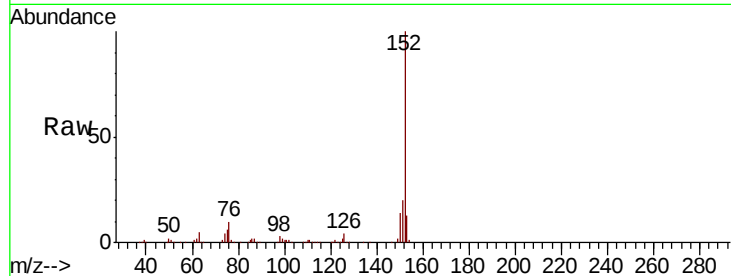
#49
Acenaphthylene
Concen: 33.772 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	569141		
151	20.0		15.9	23.9
153	13.3		10.9	16.3

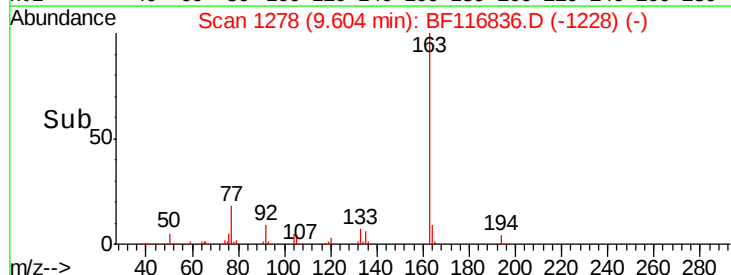
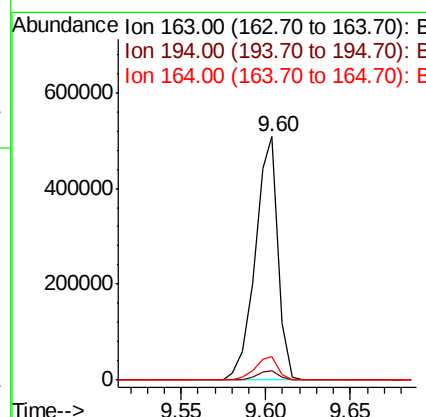
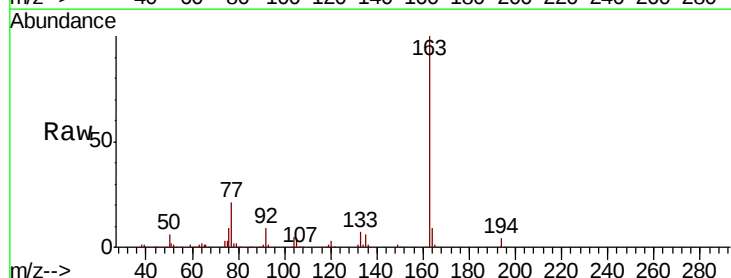
Manual Integrations
APPROVED

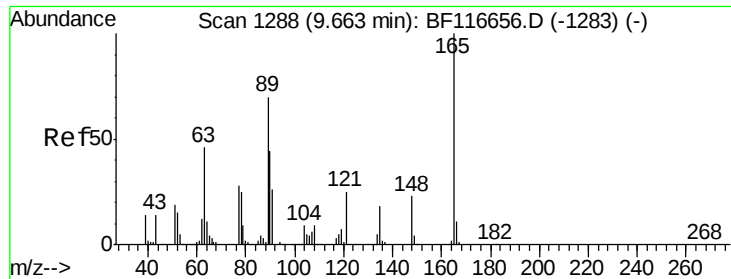
mohammad
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#50
Dimethylphthalate
Concen: 37.391 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	478844		
194	3.8		2.8	4.2
164	9.4		8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 34.497 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

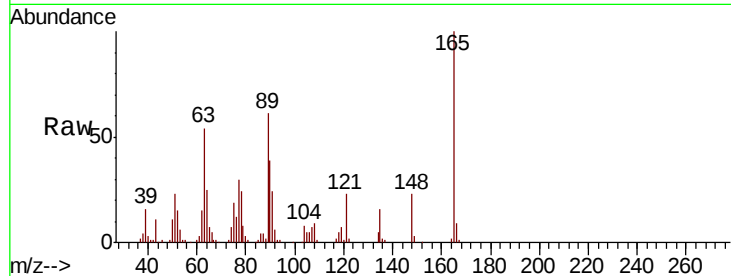
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	165	Resp:	84290
Ion Ratio	Lower	Upper	
165	100		
63	53.6	47.3	70.9
89	61.3	52.5	78.7

Manual Integrations
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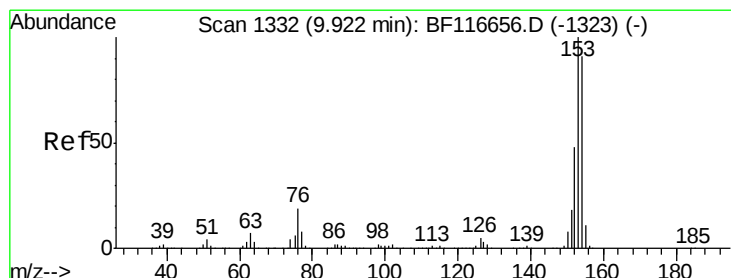
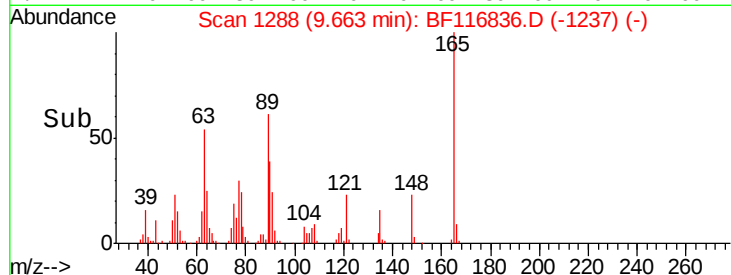
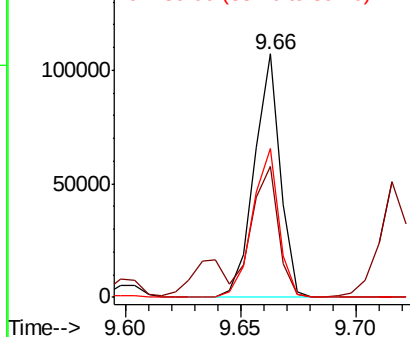


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.463 ng

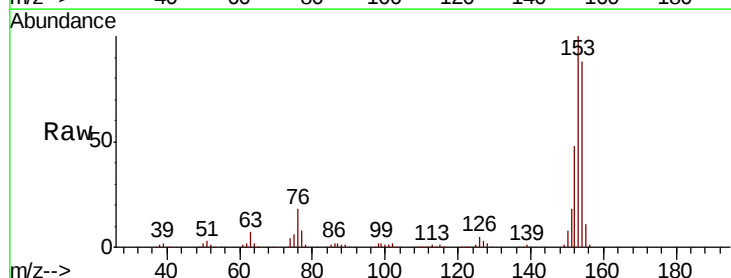
RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	154	Resp:	336145
Ion Ratio	Lower	Upper	
154	100		
153	113.6	89.5	134.3
152	54.1	41.9	62.9

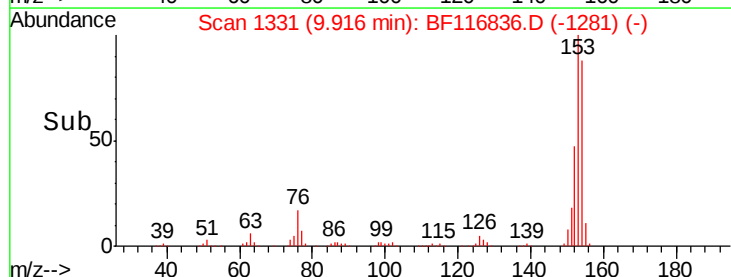
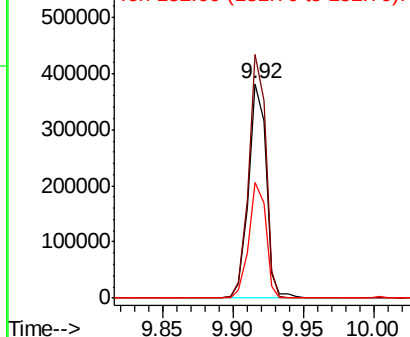


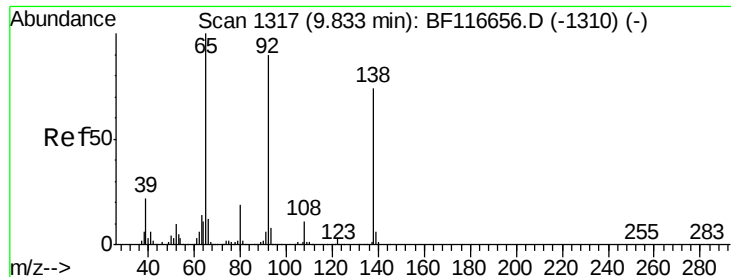
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





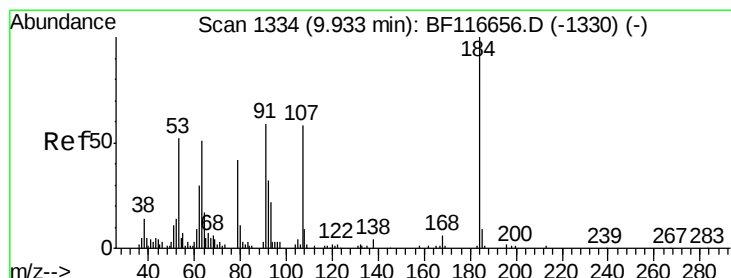
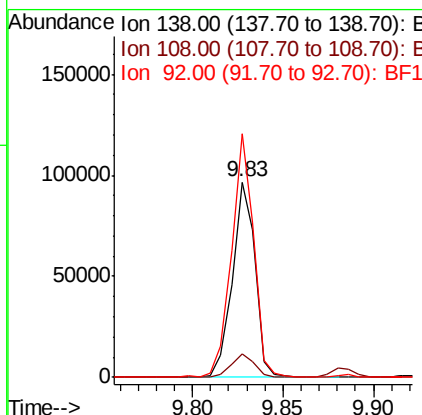
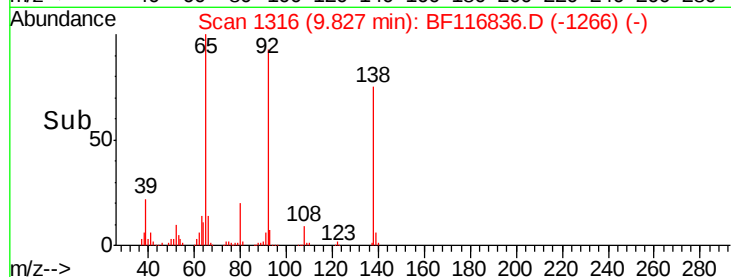
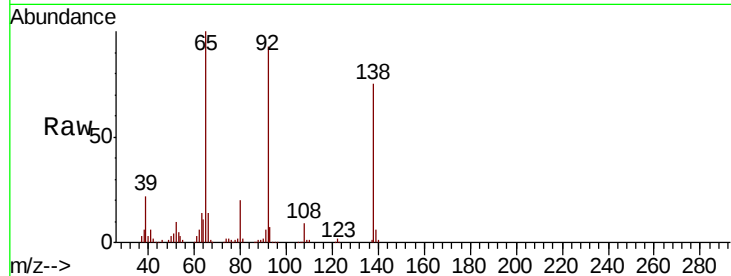
#53
3-Nitroaniline
Concen: 27.522 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.5	12.7
92	124.6	87.2	130.8

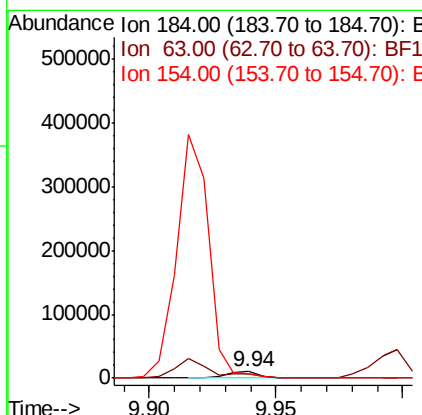
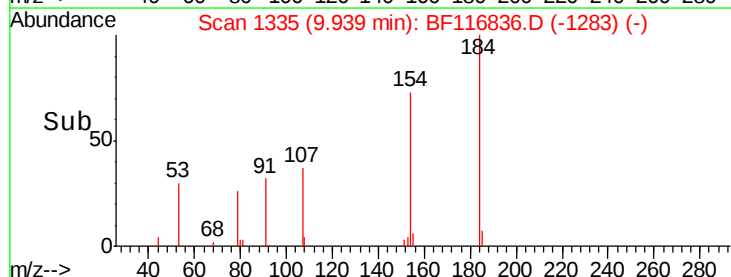
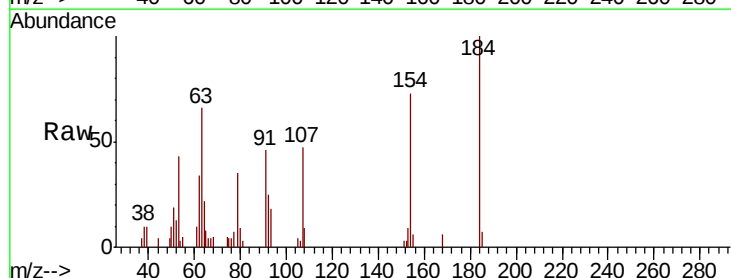
Manual Integrations
APPROVED

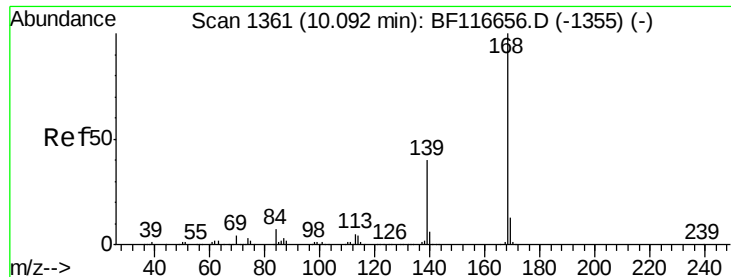
mohammad
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#54
2,4-Dinitrophenol
Concen: 18.942 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.8	52.2	78.2
154	73.3	60.8	91.2





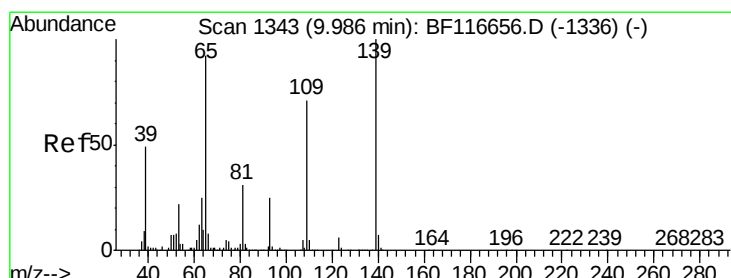
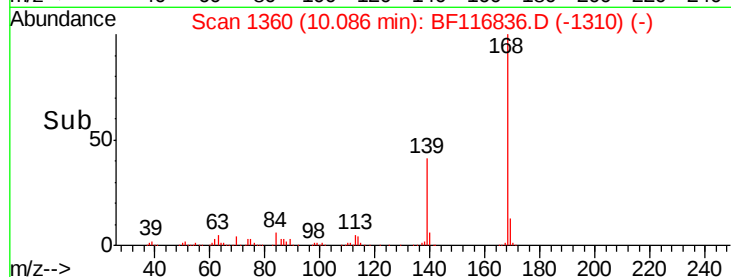
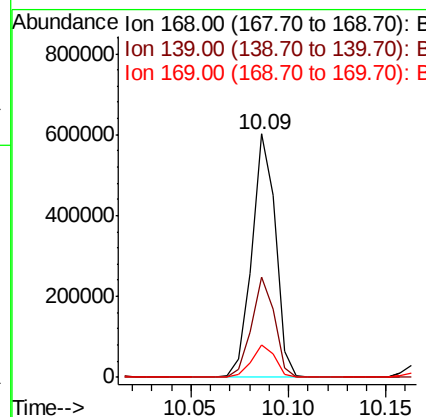
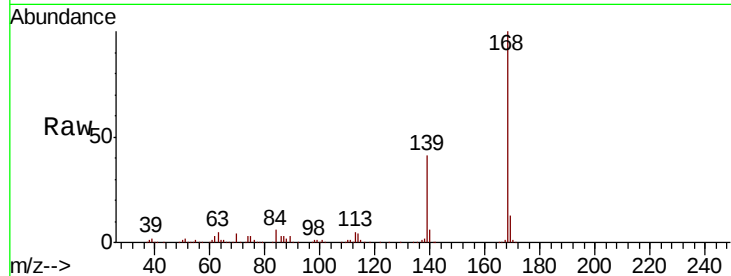
#55
Dibenzofuran
Concen: 34.512 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	503769		
139	41.2		31.5	47.3
169	13.1		10.3	15.5

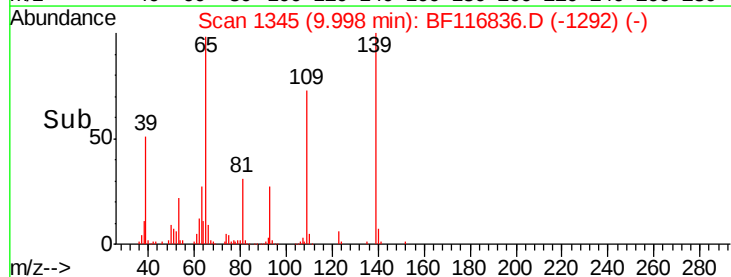
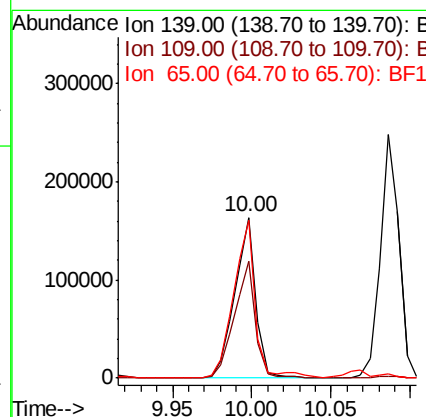
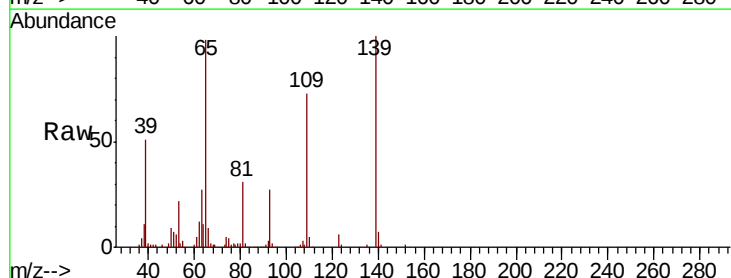
Manual Integrations
APPROVED

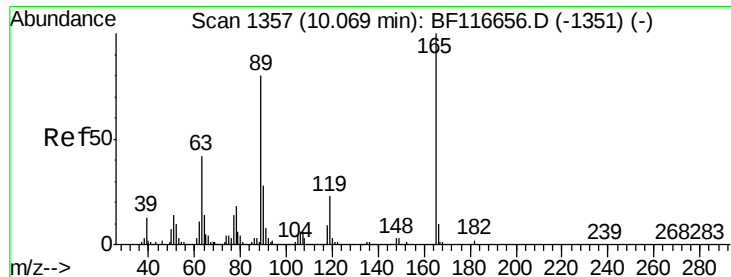
mohammad
9/10/2019 9:52:14 AM



#56
4-Nitrophenol
Concen: 72.379 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	151966		
109	73.0		61.7	101.7
65	98.0		89.1	129.1





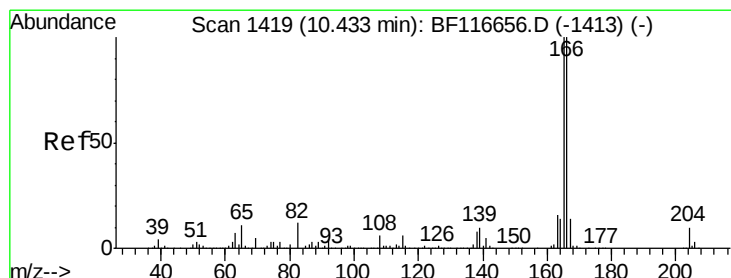
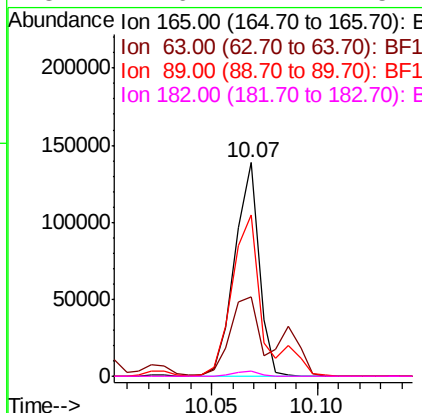
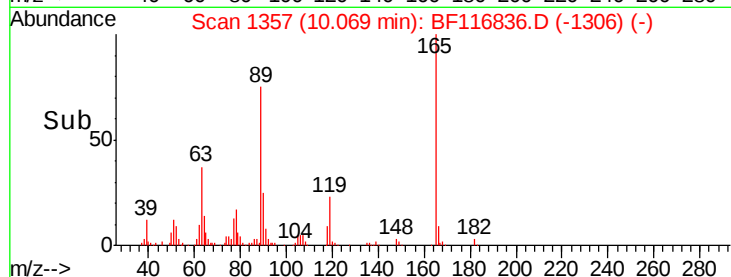
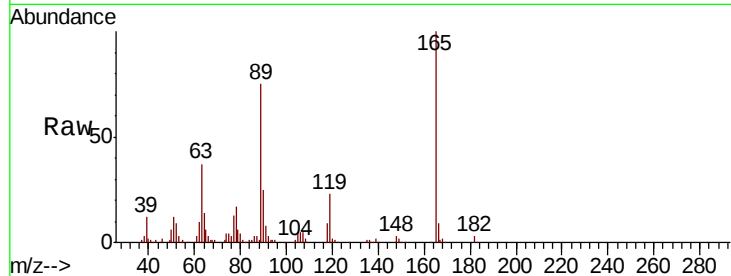
#57
2,4-Dinitrotoluene
Concen: 36.805 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		109962		
63	37.2	36.4	54.6		
89	75.3	62.6	94.0		
182	2.6	2.1	3.1		

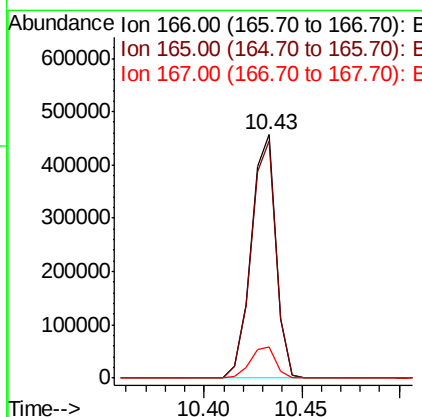
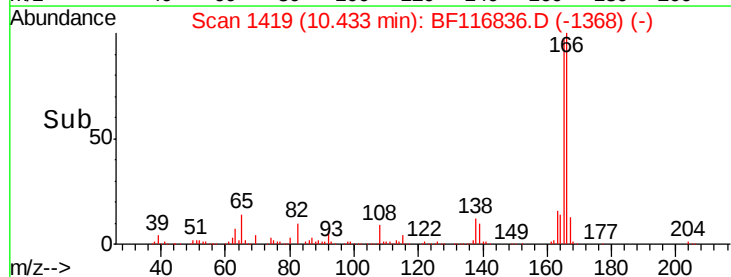
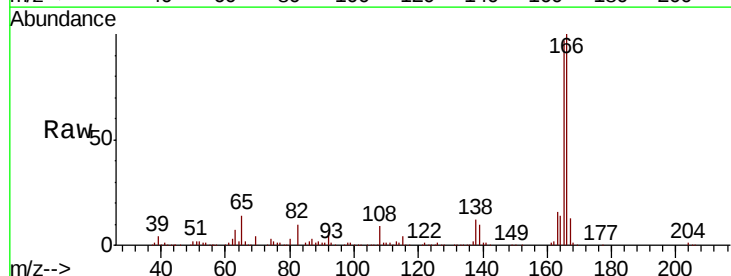
Manual Integrations
APPROVED

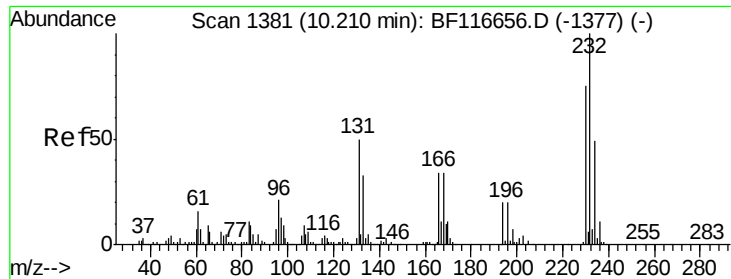
mohammad
9/10/2019 9:52:14 AM



#58
Fluorene
Concen: 36.055 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		401013		
165	97.4	78.8	118.2		
167	12.8	10.0	15.0		





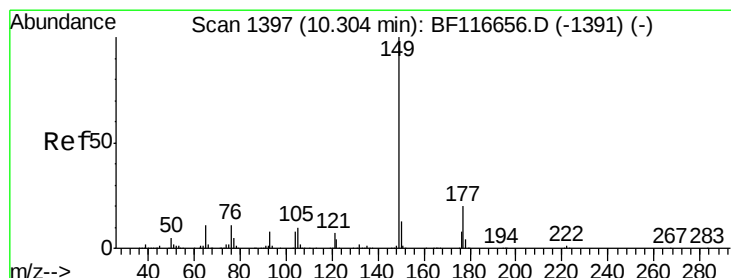
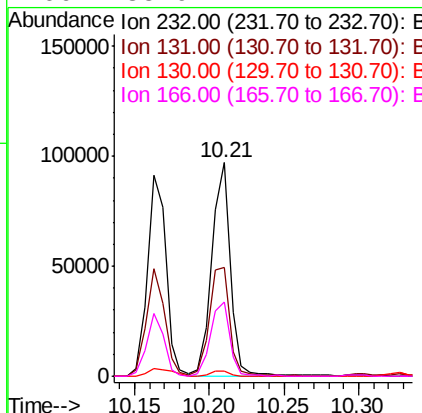
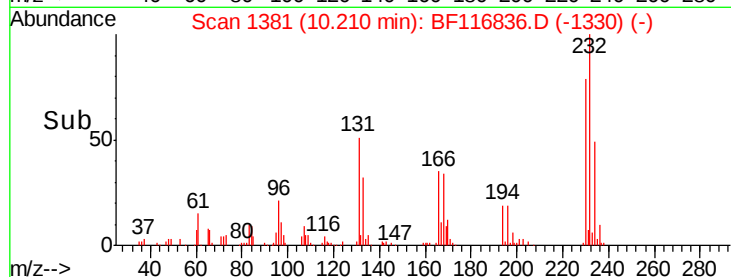
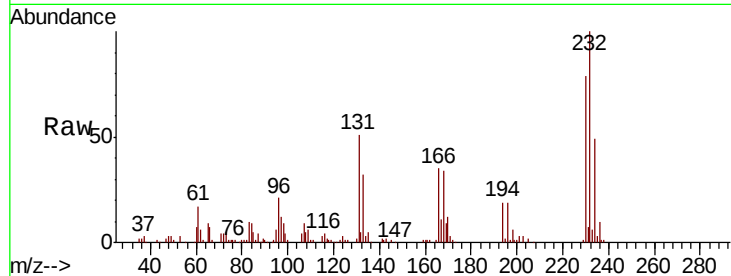
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.015 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion:	232	Resp:	84538
Ion Ratio	Lower	Upper	
232	100		
131	55.5	42.7	64.1
130	2.4	1.9	2.9
166	35.9	27.4	41.2

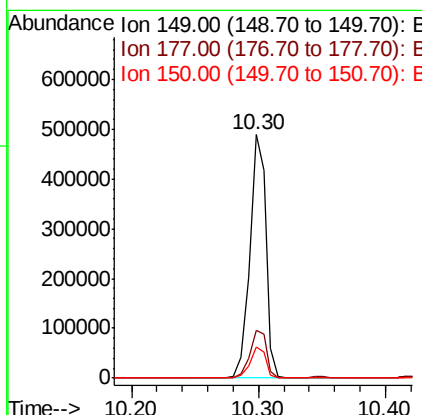
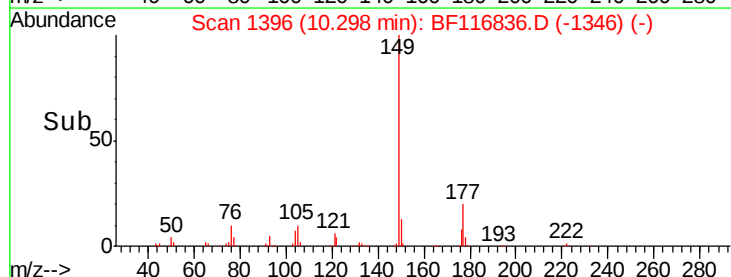
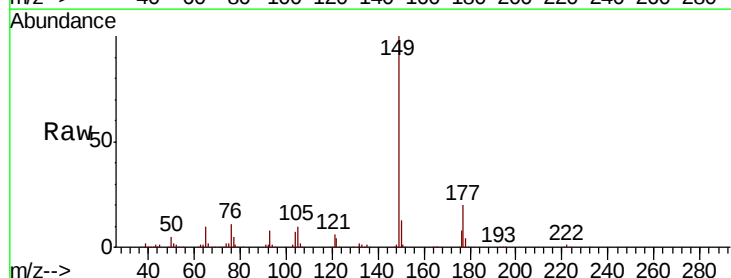
Manual Integrations
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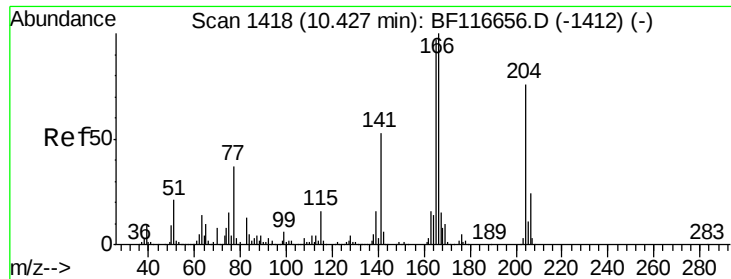
mohammad
9/10/2019 9:52:14 AM



#60
Diethylphthalate
Concen: 33.626 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:	149	Resp:	431367
Ion Ratio	Lower	Upper	
149	100		
177	19.7	17.2	25.8
150	12.6	9.7	14.5





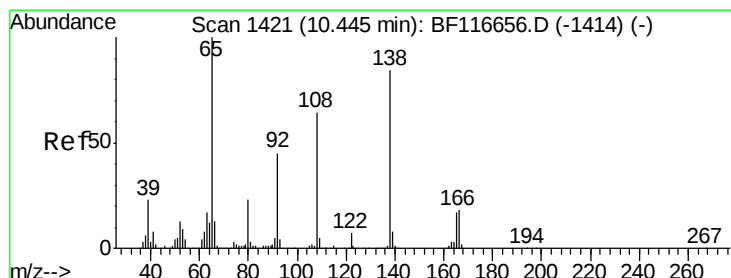
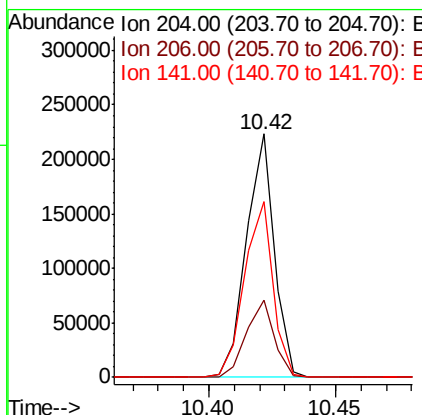
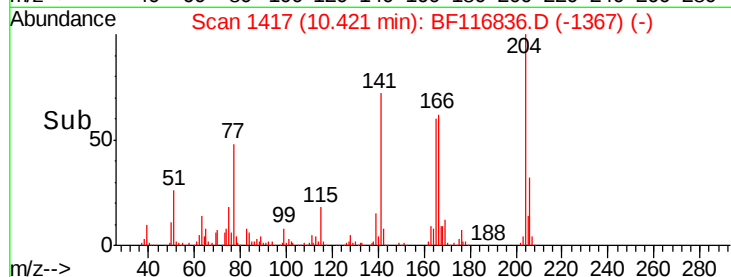
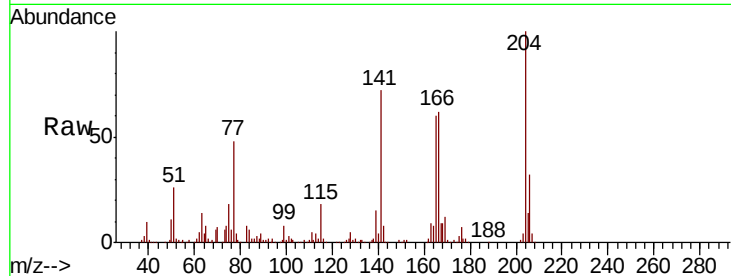
#61
4-Chlorophenyl-phenylether
Concen: 35.133 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.4	38.2
141	72.2	53.8	80.8

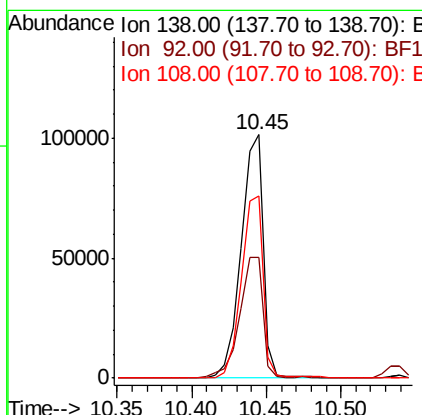
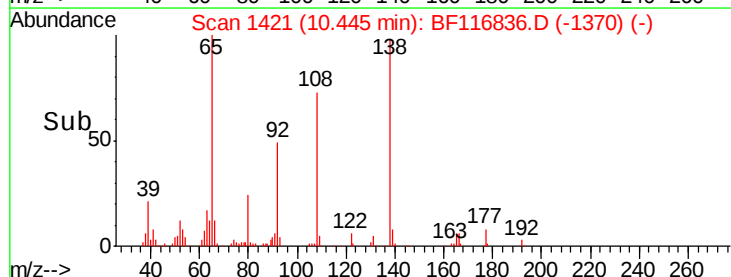
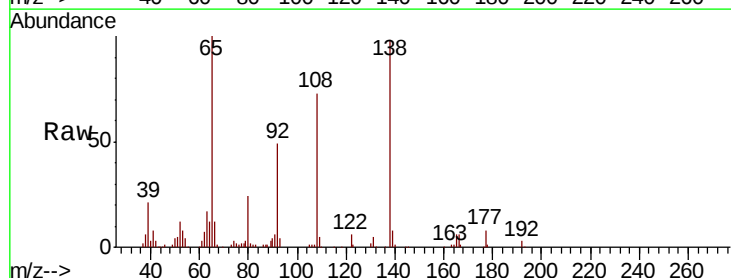
Manual Integrations
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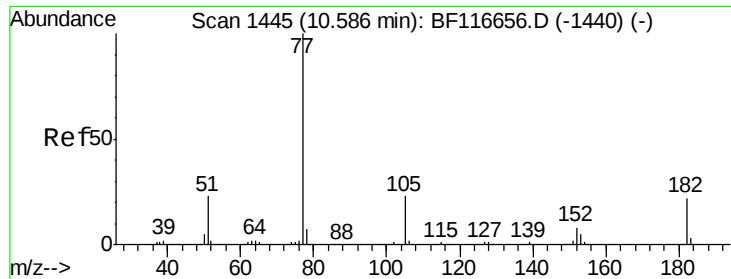
mohammad
9/10/2019 9:52:14 AM



#62
4-Nitroaniline
Concen: 35.086 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	28.7	68.7
108	74.7	60.4	100.4





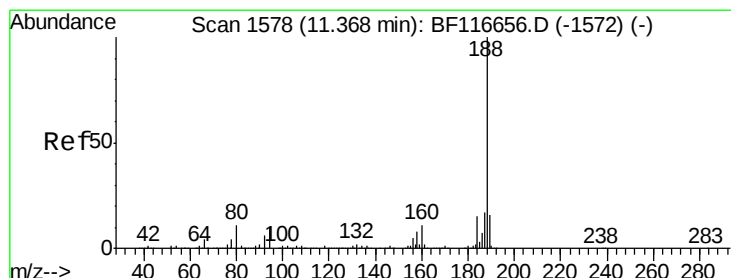
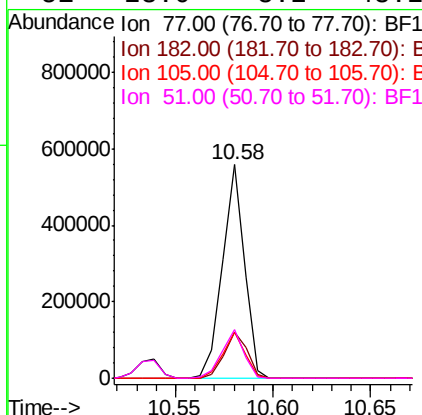
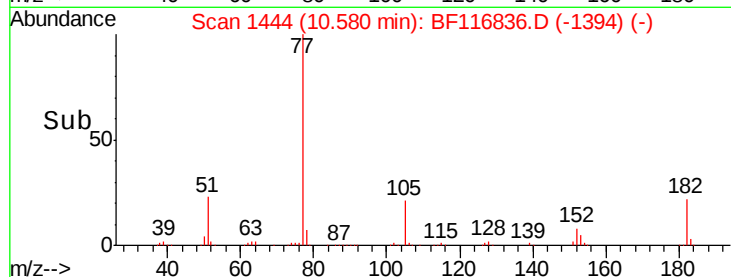
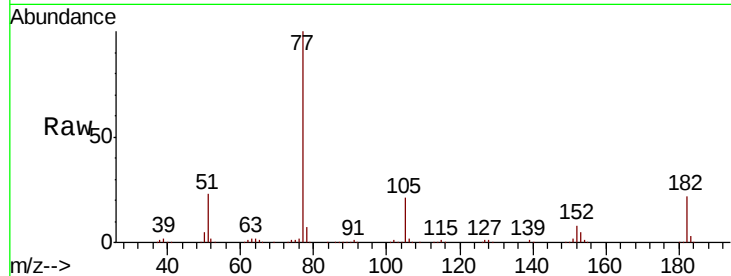
#63
Azobenzene
Concen: 32.682 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		437161		
182	21.8	1.2	41.2		
105	21.4	0.6	40.6		
51	23.0	8.2	48.2		

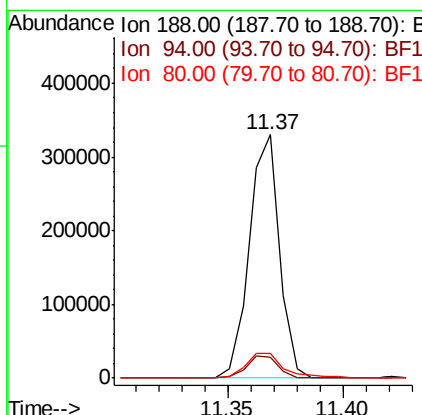
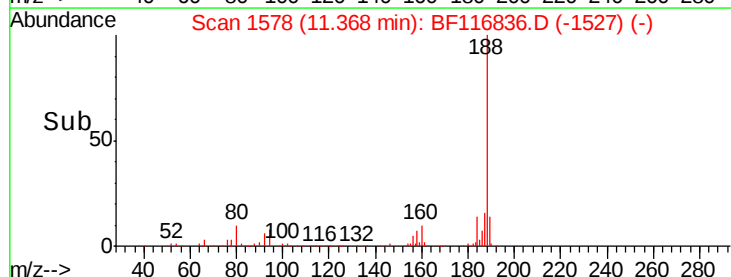
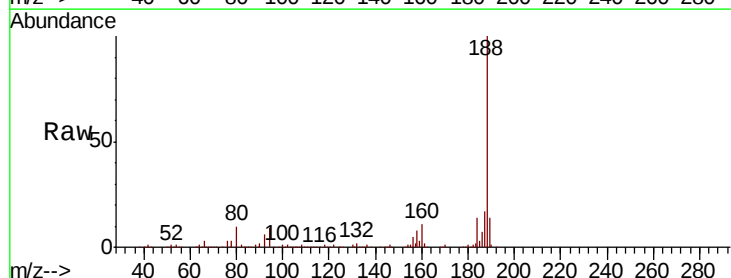
Manual Integrations
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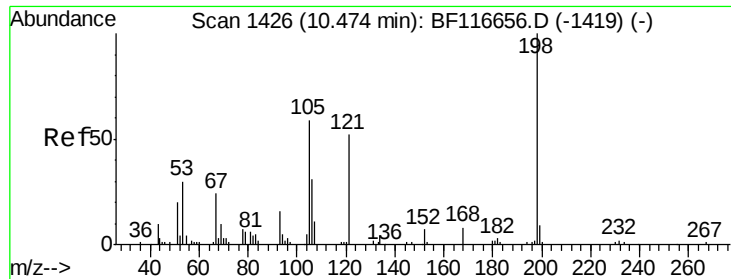
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		300963		
94	8.8	7.3	10.9		
80	10.0	8.4	12.6		





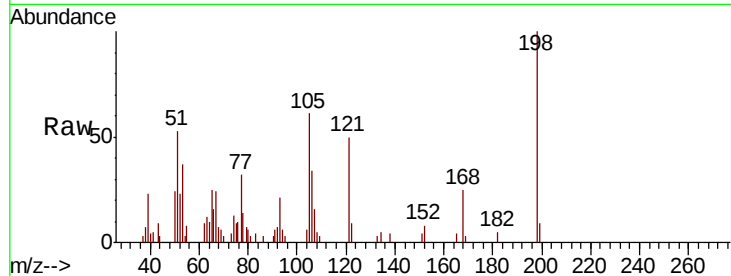
#65
4,6-Dinitro-2-methylphenol
Concen: 14.730 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	9551		
51	53.1		18.4	58.4
105	60.5		22.9	62.9

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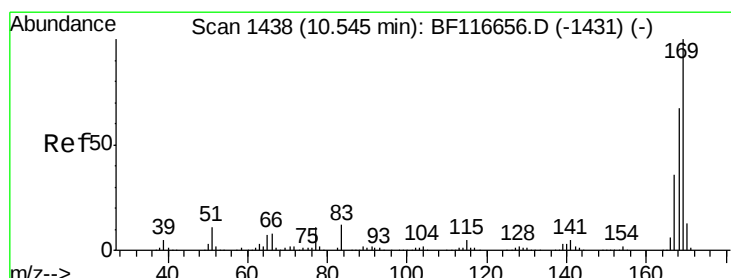
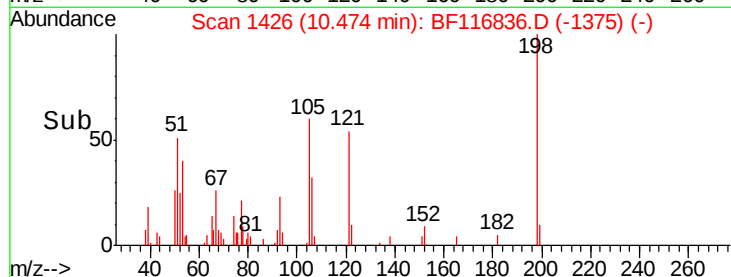
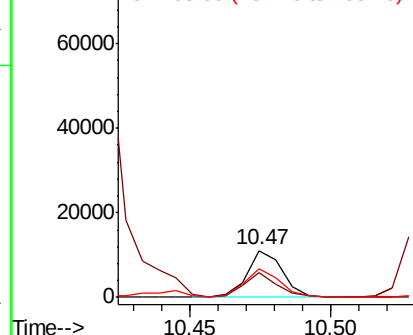


Abundance

Ion 198.00 (197.70 to 198.70): E

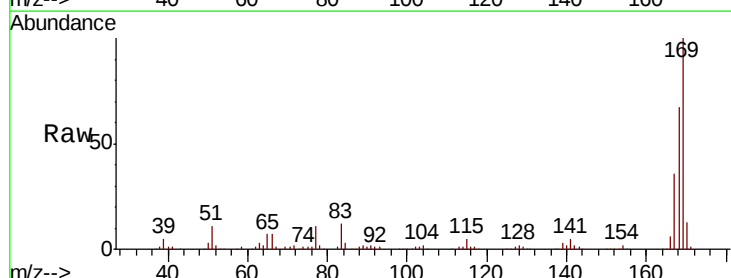
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 33.910 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	353044		
168	66.8		55.8	83.6
167	36.5		29.4	44.2

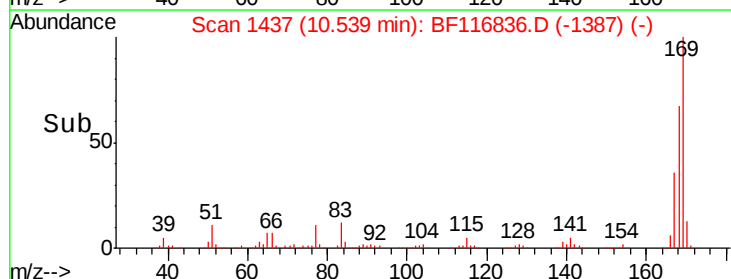
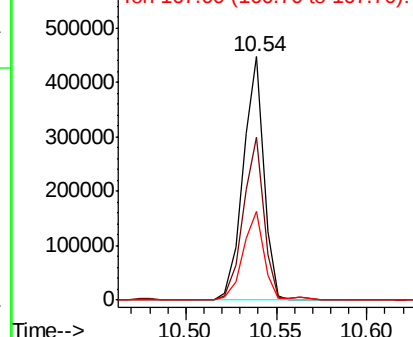


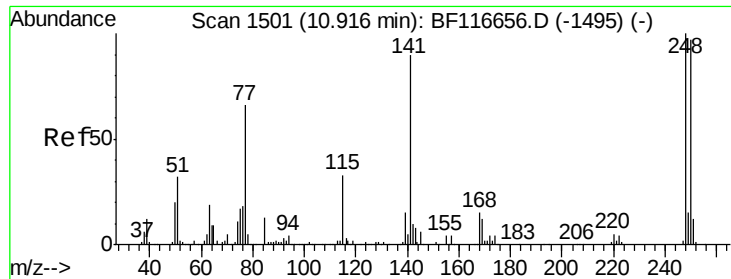
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





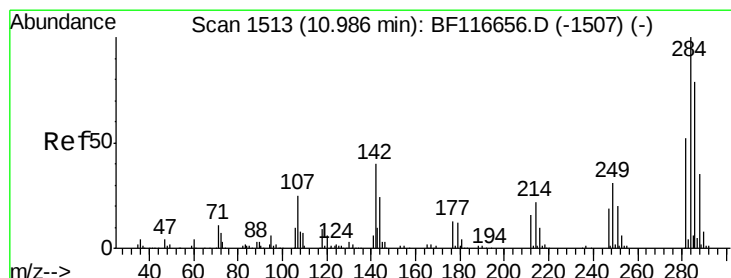
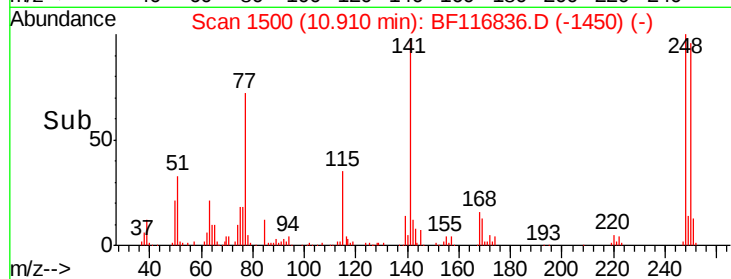
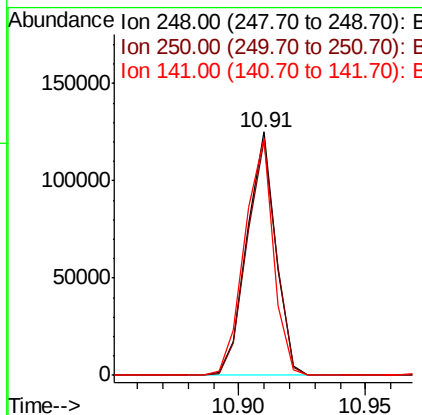
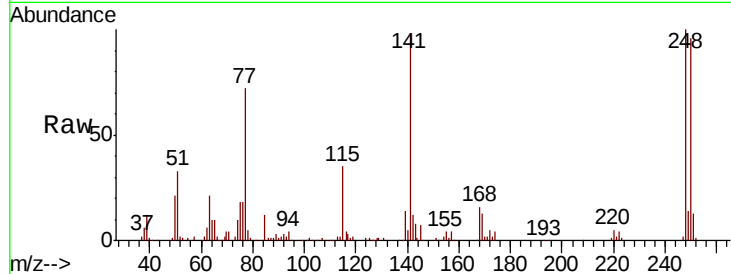
#67
 4-Bromophenyl-phenylether
 Concen: 32.405 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB11-COMPMS

Tot Ion:	248	Resp:	99074
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.8	116.8
141	97.6	75.9	113.9

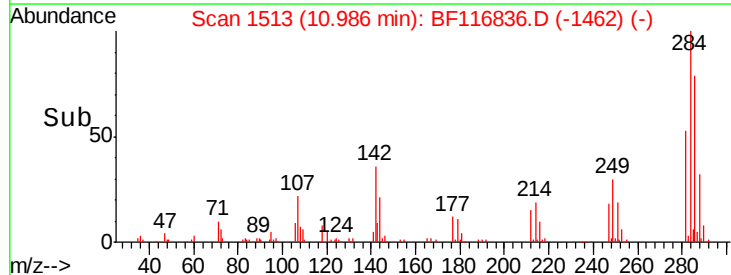
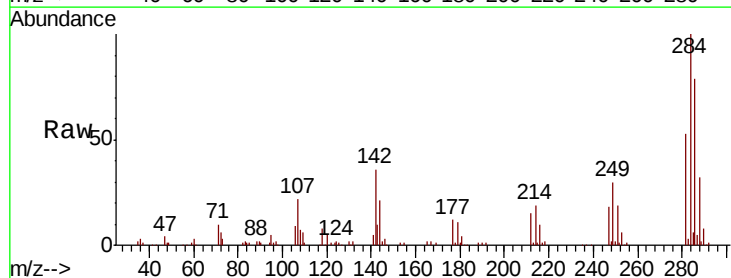
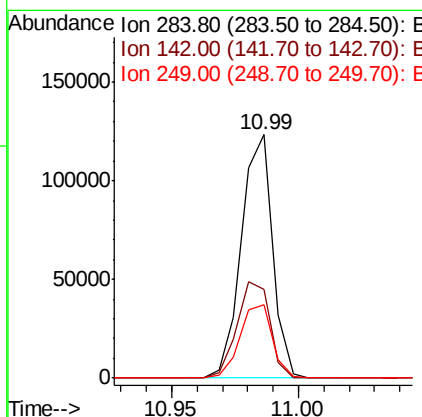
Manual Integrations
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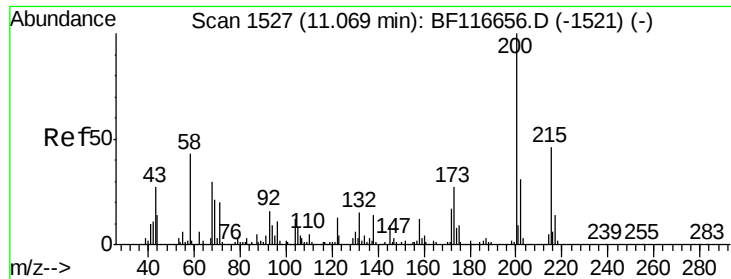
mohammad
 9/10/2019 9:52:14 AM



#68
 Hexachlorobenzene
 Concen: 32.978 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion:	284	Resp:	105491
Ion Ratio	Lower	Upper	
284	100		
142	36.4	34.0	51.0
249	30.1	26.4	39.6





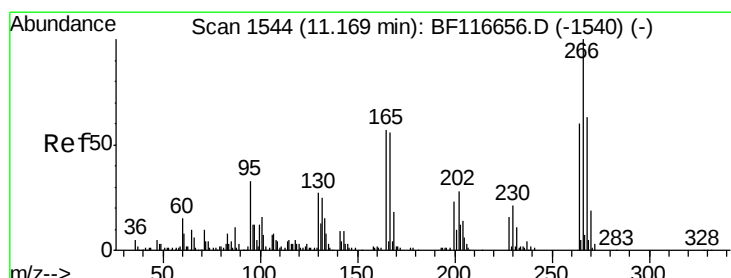
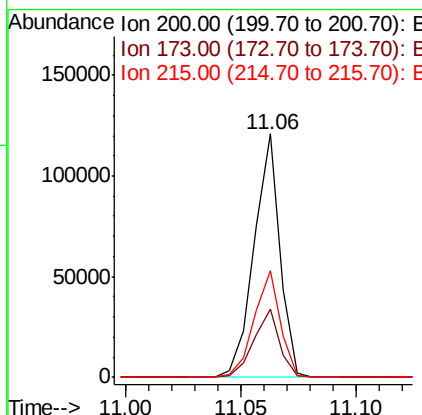
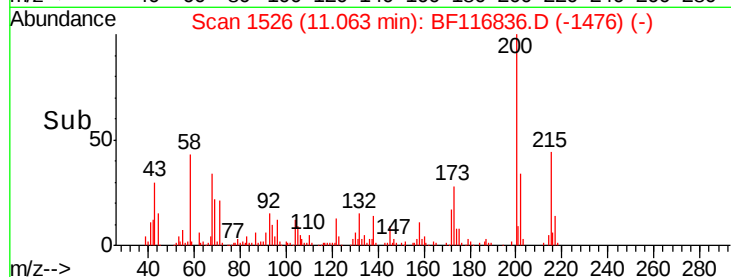
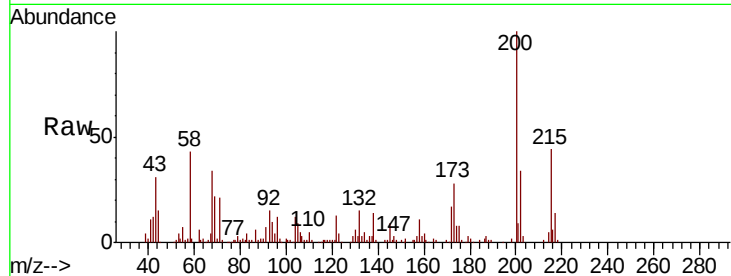
#69
Atrazine
Concen: 32.576 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	6.2	46.2	
215	43.7	24.3	64.3	

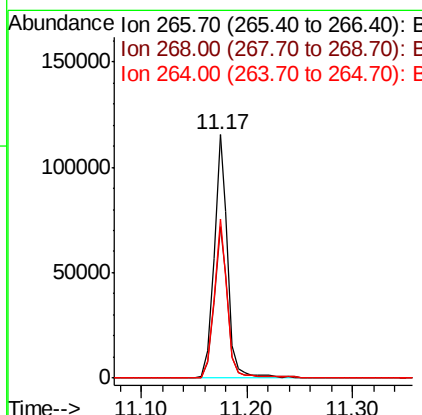
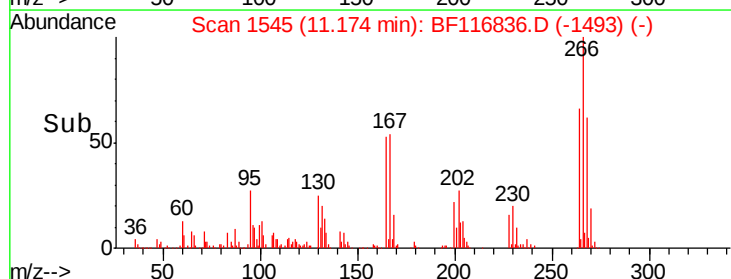
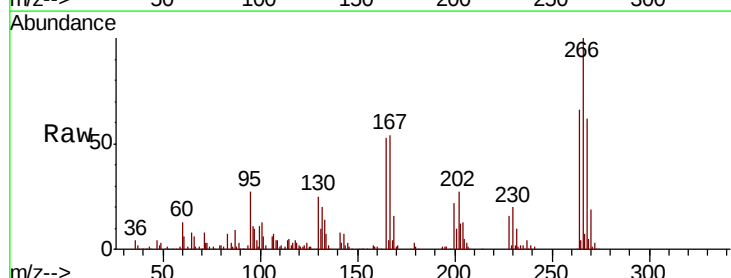
Manual Integrations
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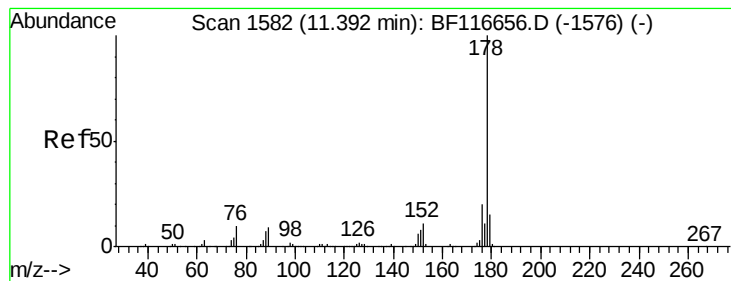
mohammad
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#70
Pentachlorophenol
Concen: 68.176 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.0	51.2	76.8	
264	65.6	51.9	77.9	





#71

Phenanthrene

Concen: 35.029 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

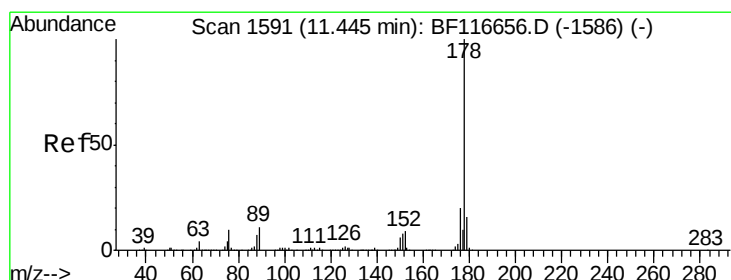
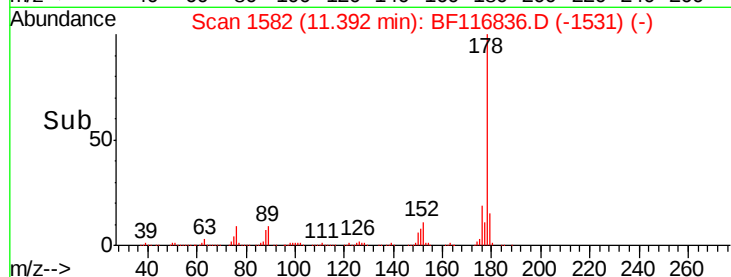
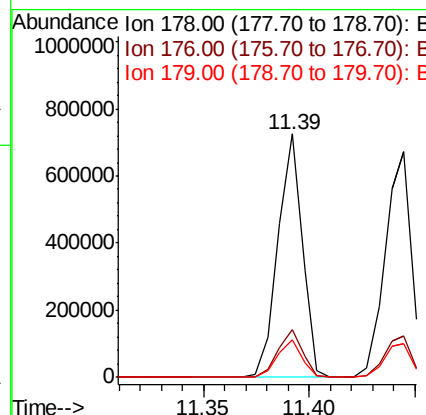
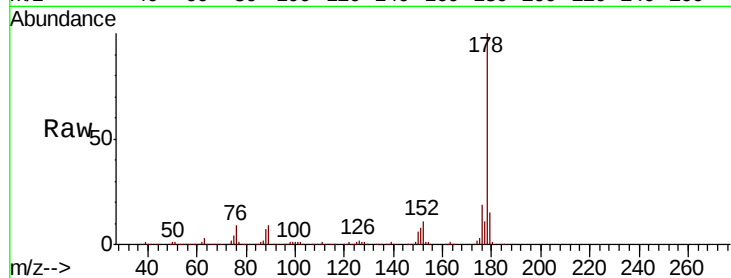
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	178	Resp:	586860
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.0
179	15.3	12.2	18.2

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#72

Anthracene

Concen: 34.719 ng

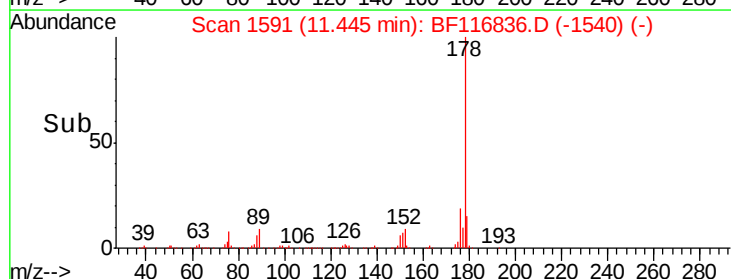
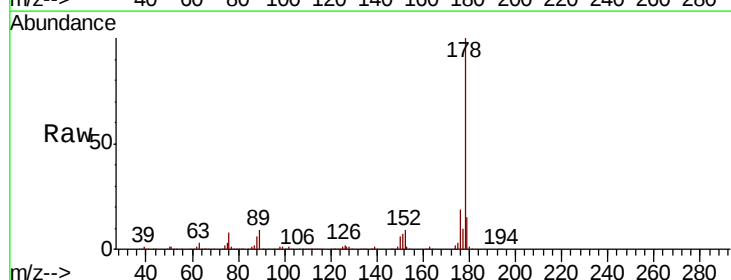
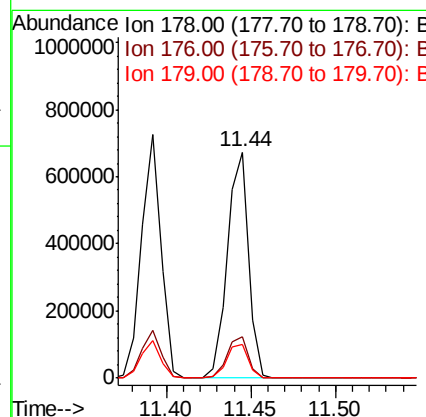
RT: 11.44 min Scan# 1591

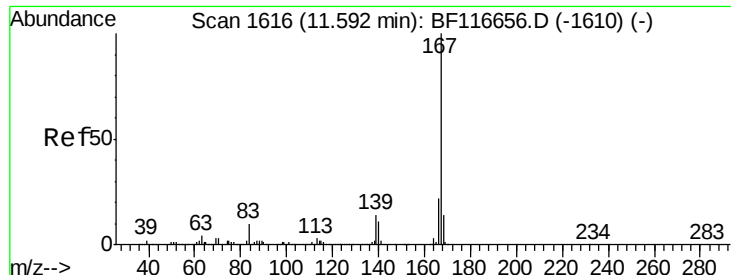
Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	178	Resp:	585533
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.4	23.0
179	15.1	12.5	18.7





#73

Carbazole

Concen: 34.106 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

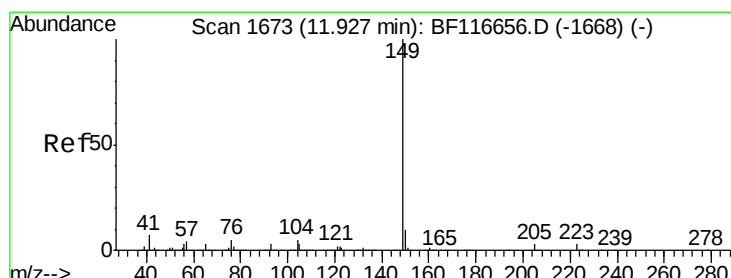
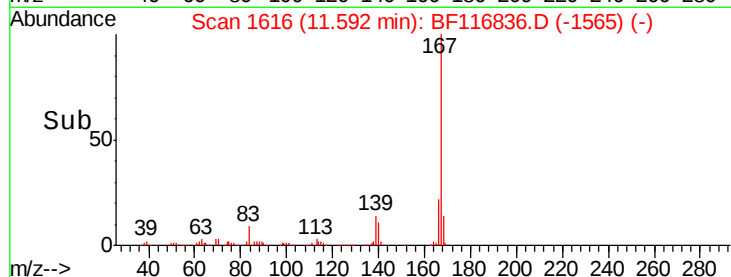
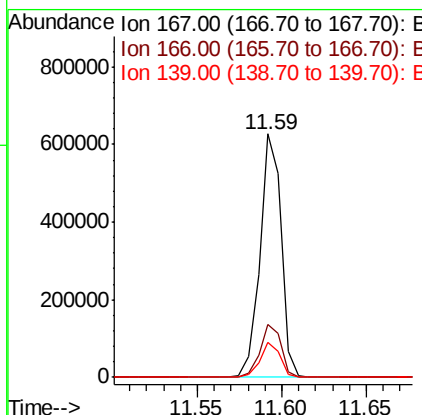
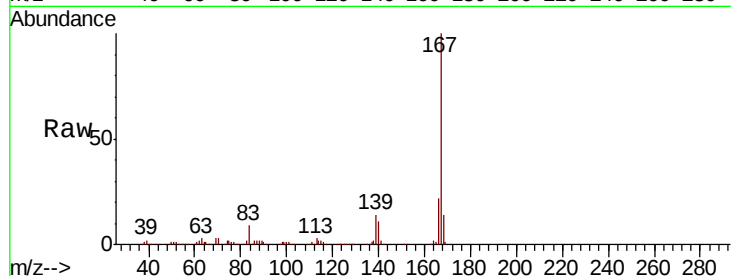
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	167	Resp:	547897
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.8	26.6
139	14.2	11.1	16.7

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 34.110 ng

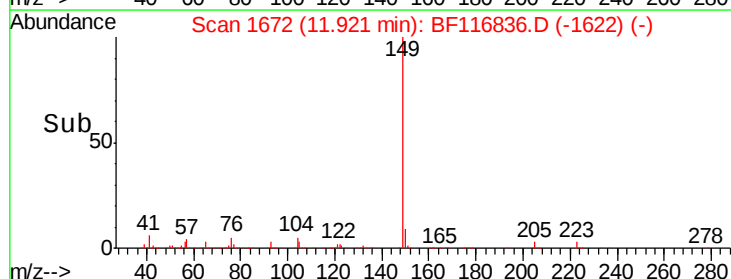
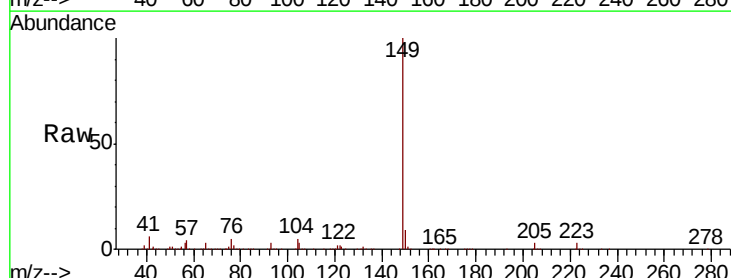
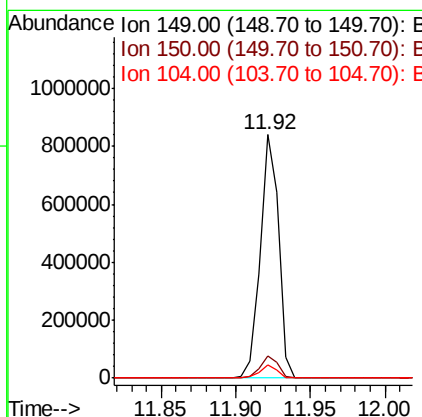
RT: 11.92 min Scan# 1672

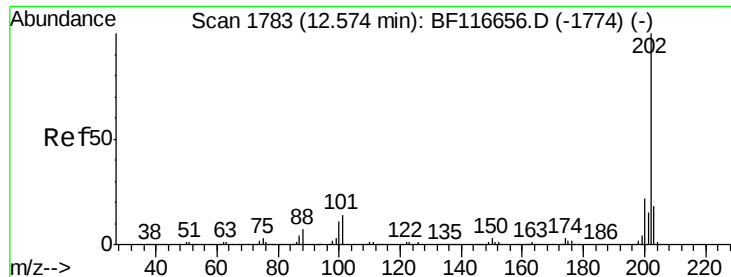
Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	149	Resp:	702478
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.2	10.8
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 36.931 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

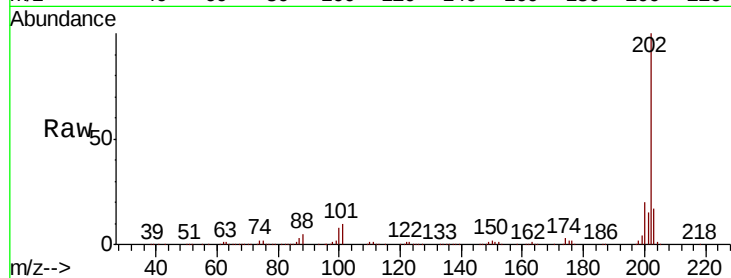
ClientSampleId :

WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	608046		
101	9.9	0.0	31.3	
203	17.2	0.0	37.6	

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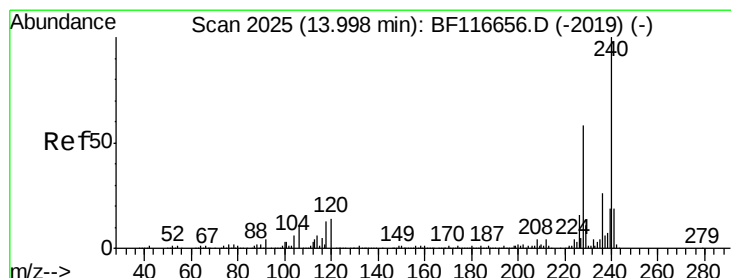
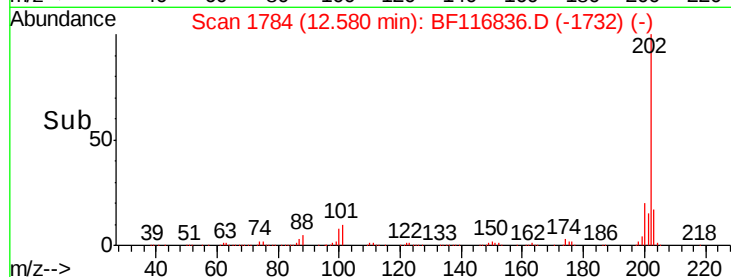
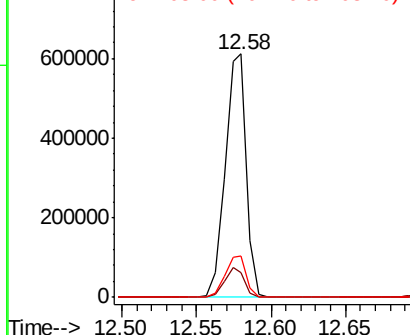


Abundance

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

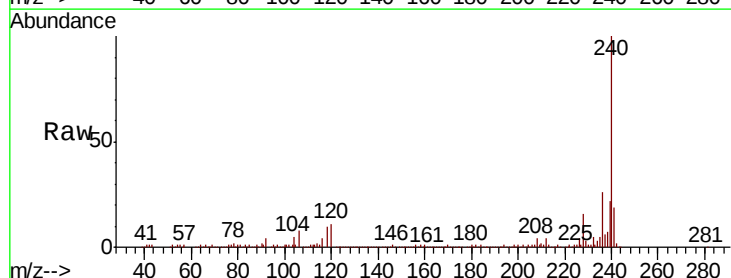
RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	219176		
120	11.1	9.1	13.7	
236	26.1	21.1	31.7	

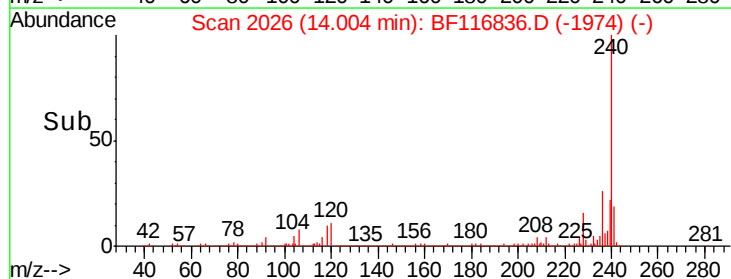
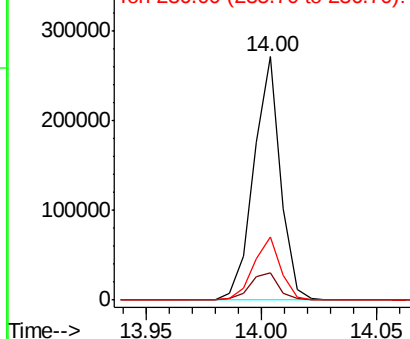


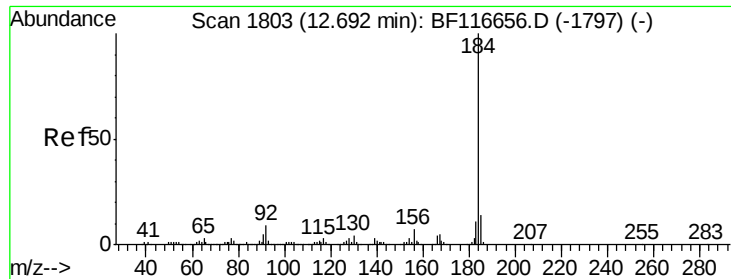
Abundance

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





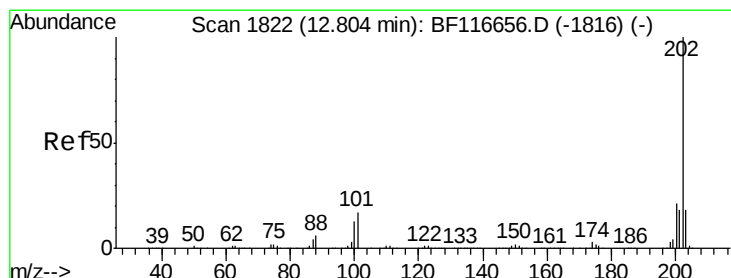
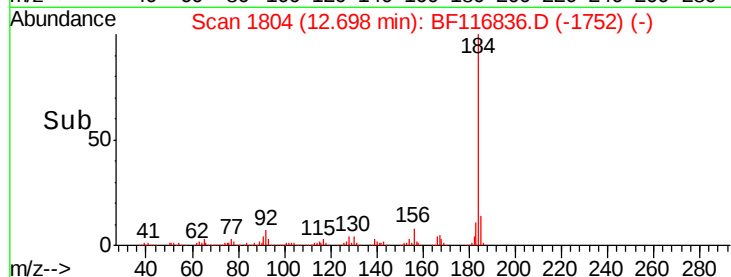
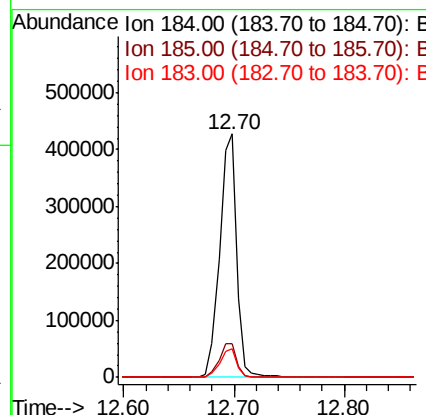
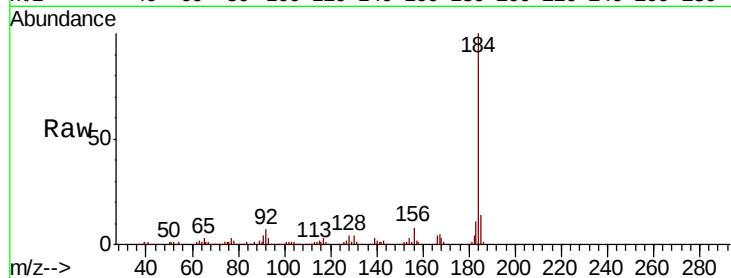
#77
Benzidine
Concen: 52.716 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.5	9.2	13.8

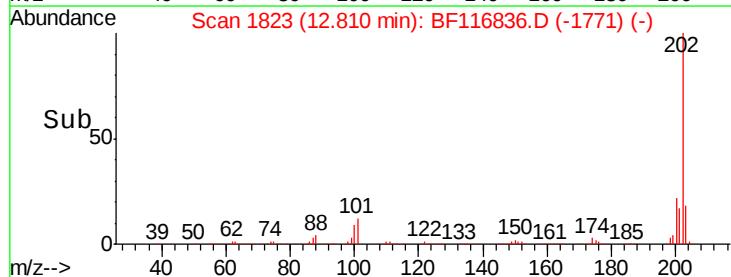
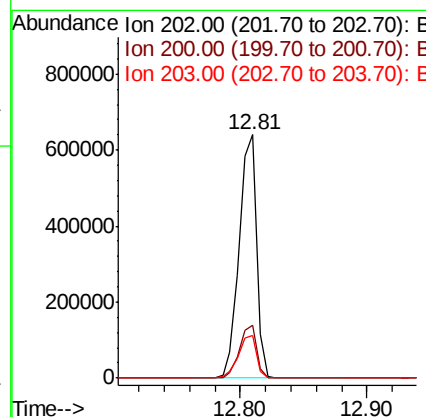
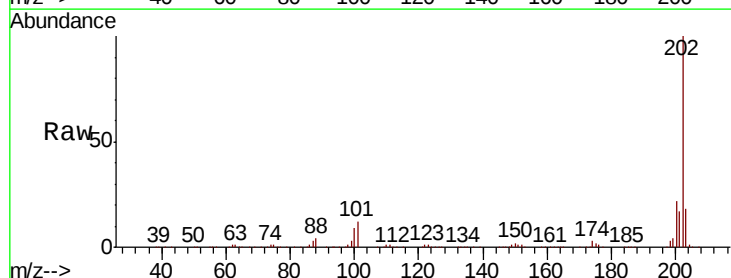
Manual Integrations
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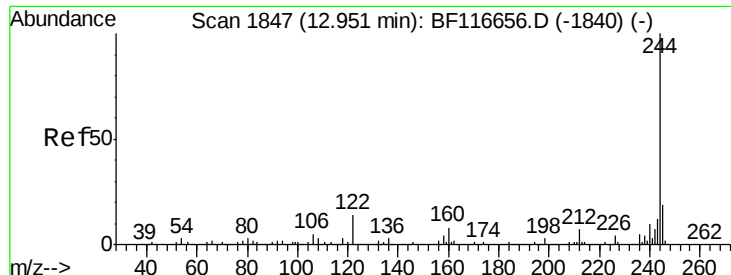
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#78
Pyrene
Concen: 30.702 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.5	24.7
203	17.5	13.7	20.5





#79

Terphenyl-d14

Concen: 48.250 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

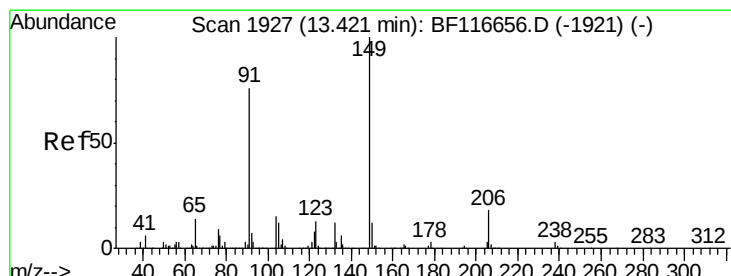
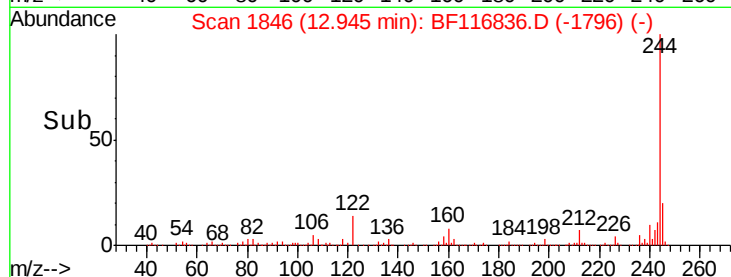
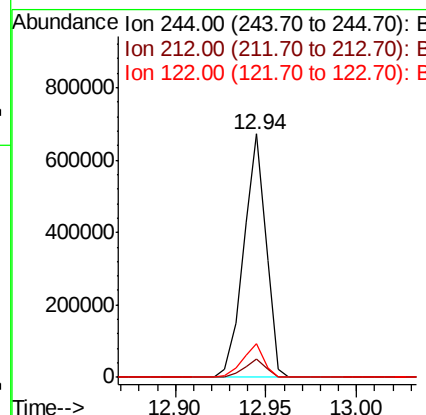
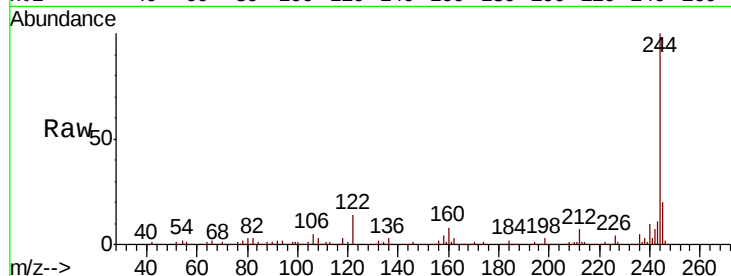
ClientSampleId :

WS-SB11-COMPMS

Tot Ion:	244	Resp:	571654
Ion Ratio		Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.6	10.2	15.4

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#80

Butylbenzylphthalate

Concen: 30.643 ng

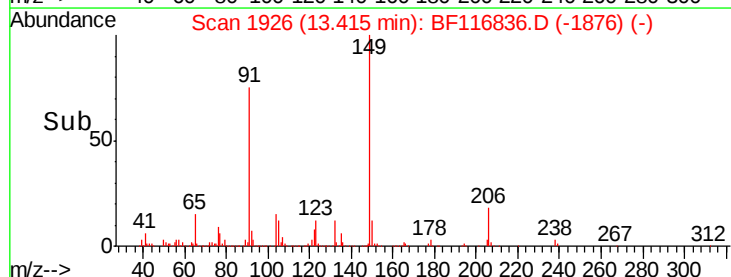
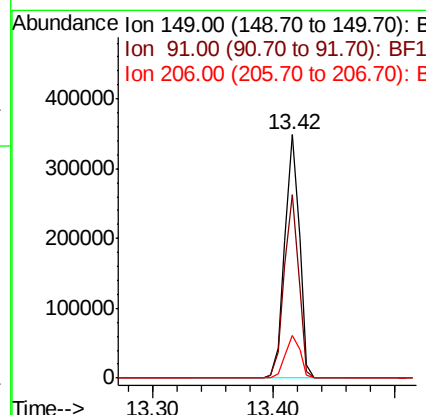
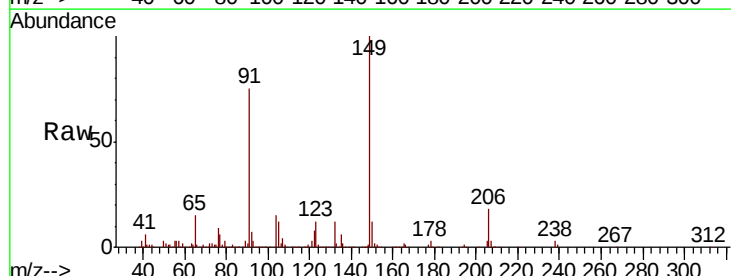
RT: 13.42 min Scan# 1926

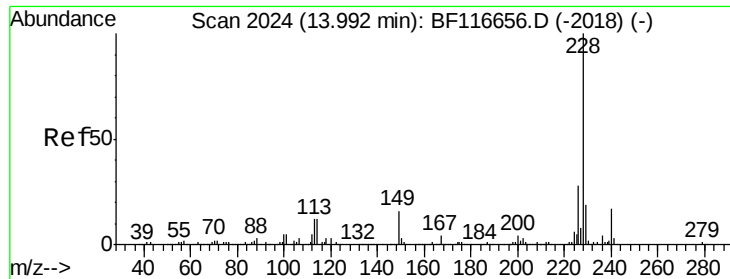
Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:	149	Resp:	290336
Ion Ratio		Lower	Upper
149	100		
91	75.4	61.0	91.4
206	17.7	14.8	22.2





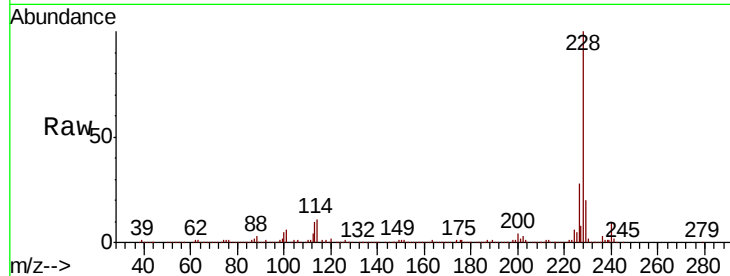
#81
Benzo(a)anthracene
Concen: 35.512 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	19.9	16.4	24.6

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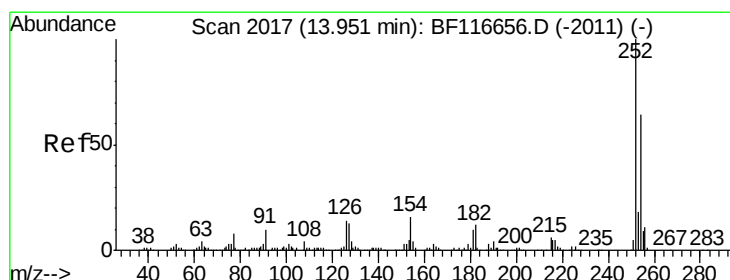
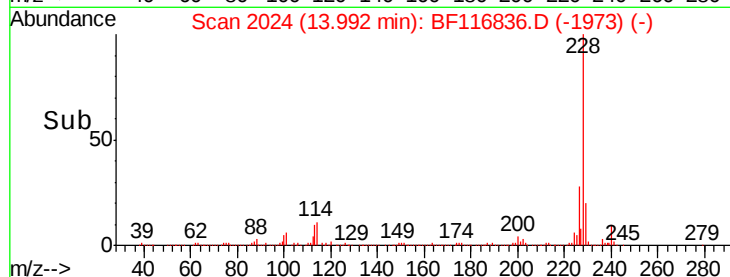
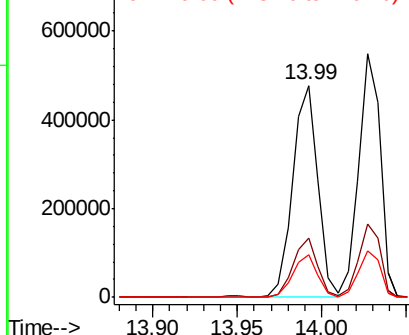


Abundance

Ion 228.00 (227.70 to 228.70): E

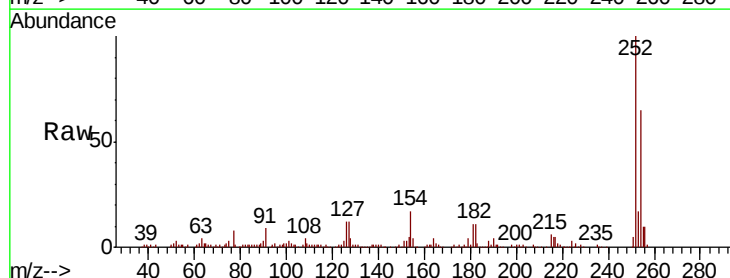
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 36.077 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.1	75.1
126	12.4	10.6	16.0

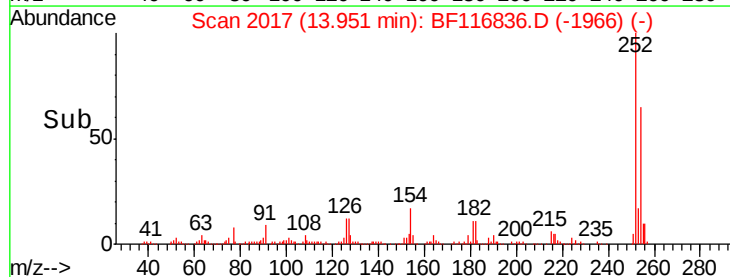
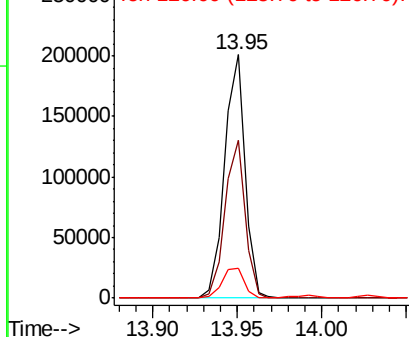


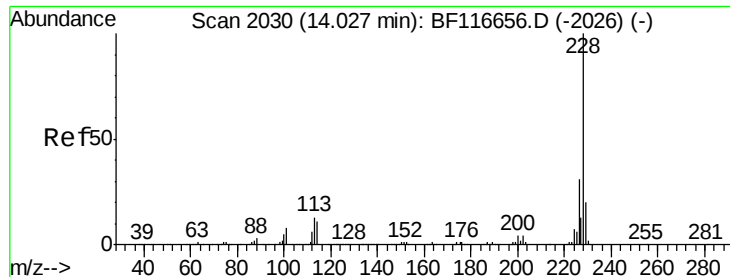
Abundance

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





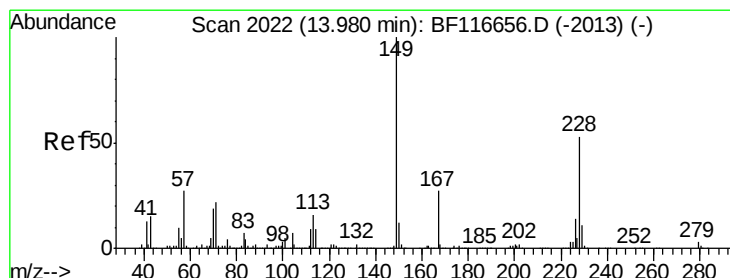
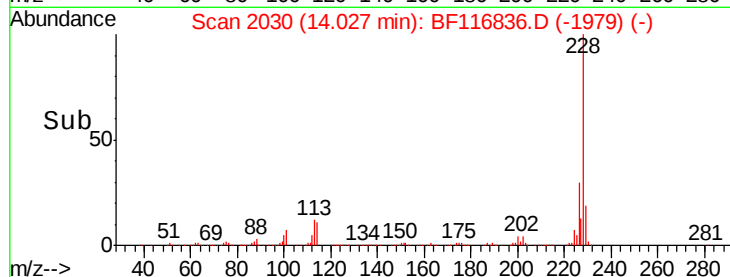
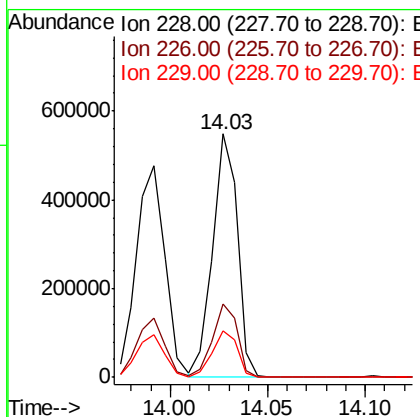
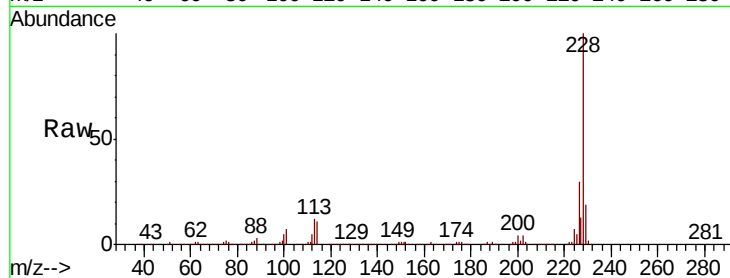
#83
 Chrvsene
 Concen: 33.755 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.2	15.4	23.0

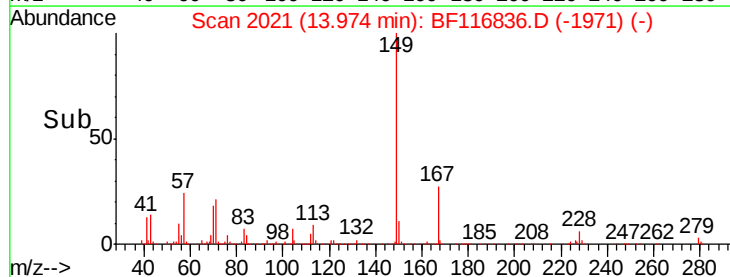
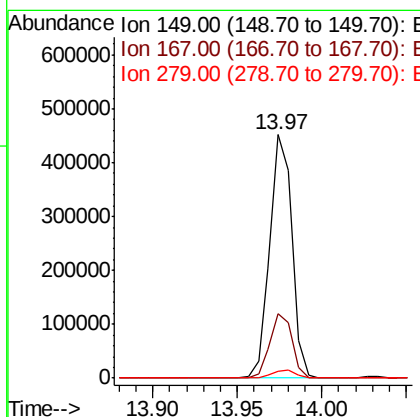
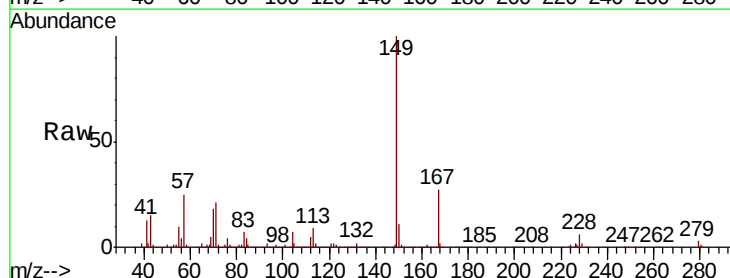
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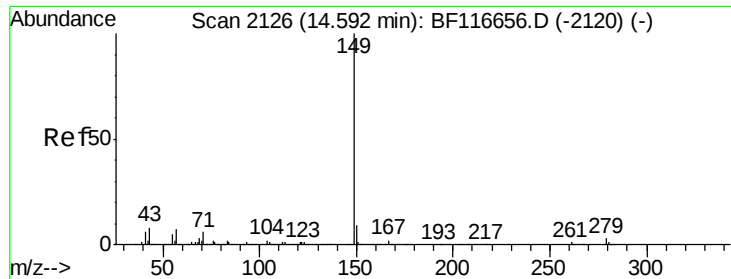
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.759 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.0	2.8	4.2





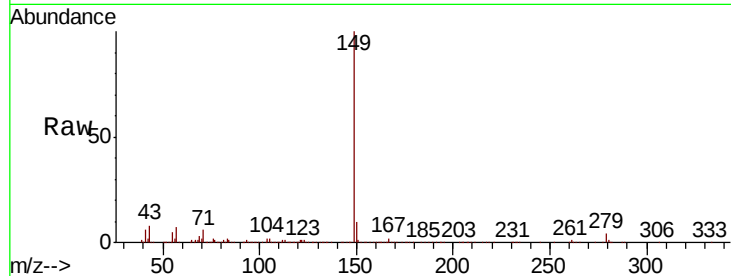
#85
Di-n-octyl phthalate
Concen: 35.364 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	676865		
167	1.8		1.3	1.9
43	8.1		7.8	11.8

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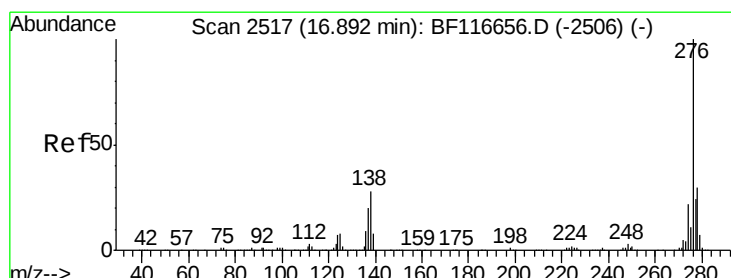
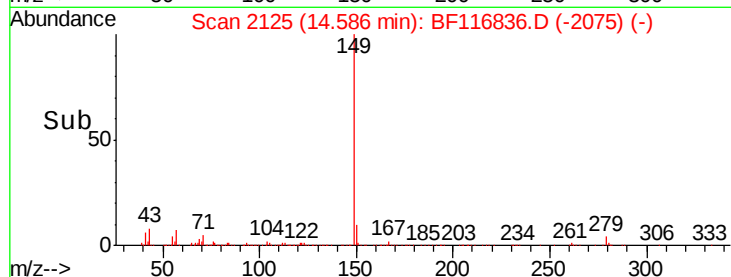
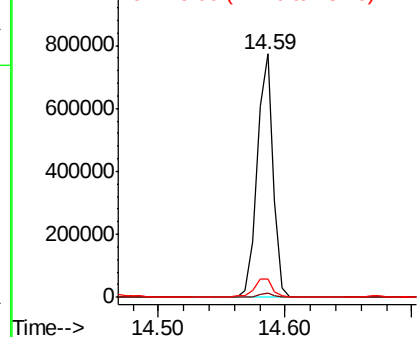


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.153 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.02 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

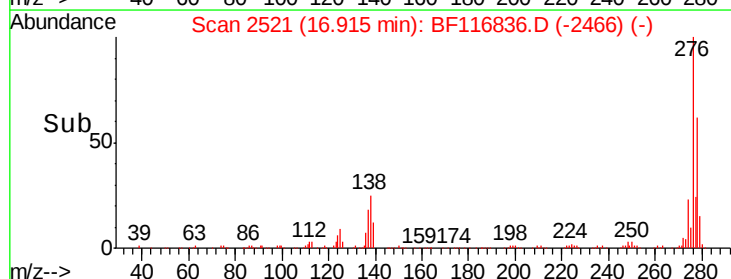
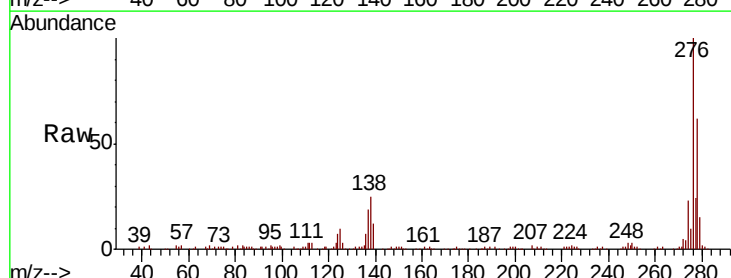
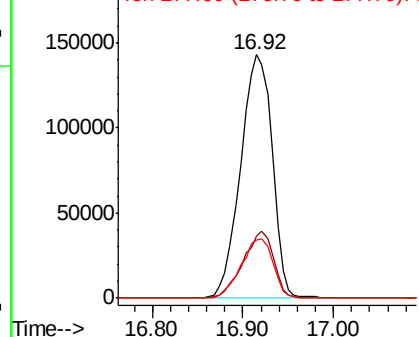
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	346120		
138	26.5		19.4	29.2
277	24.5		20.5	30.7

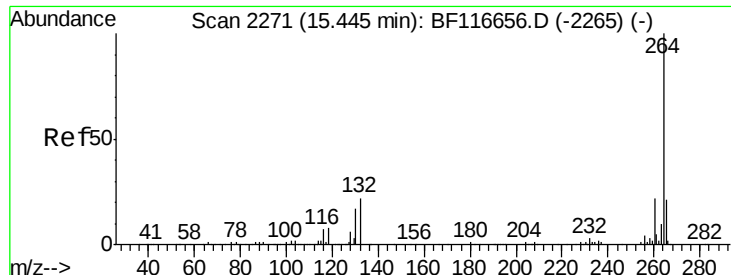
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





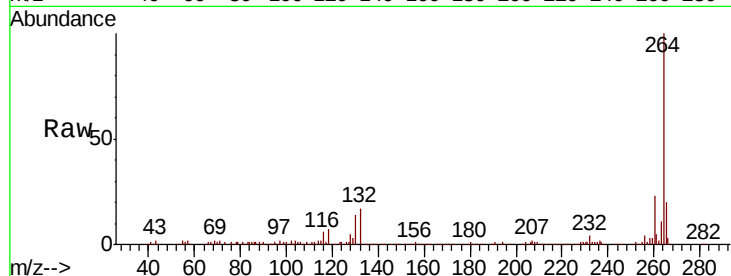
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.5	16.5	24.7

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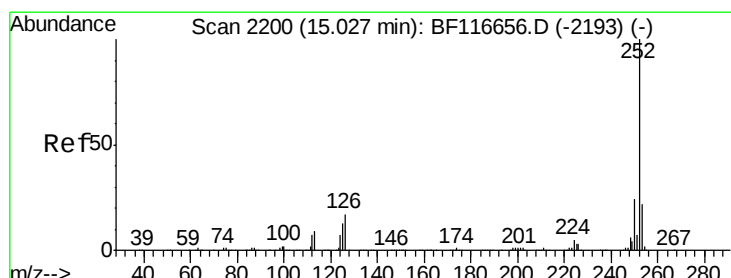
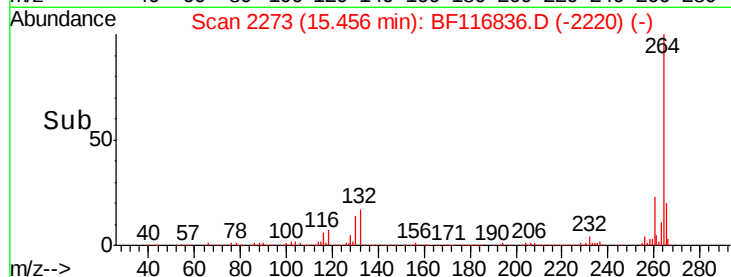
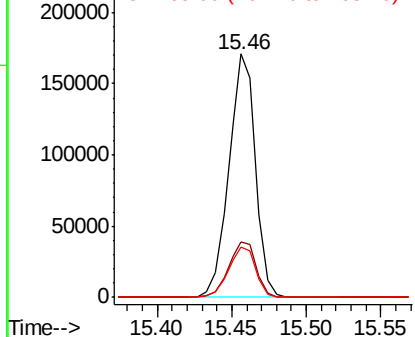


Abundance

Ion 264.00 (263.70 to 264.70): E

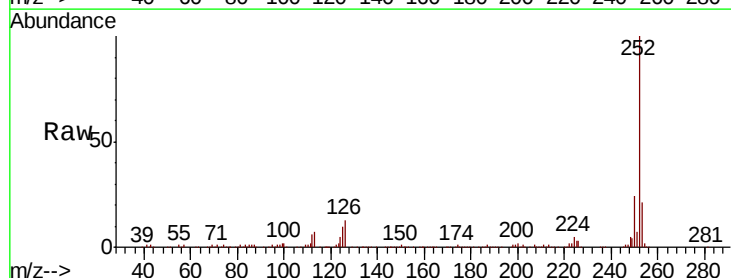
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 35.798 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	10.3	8.2	12.2

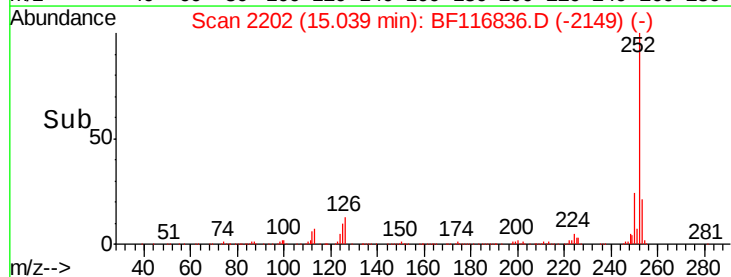
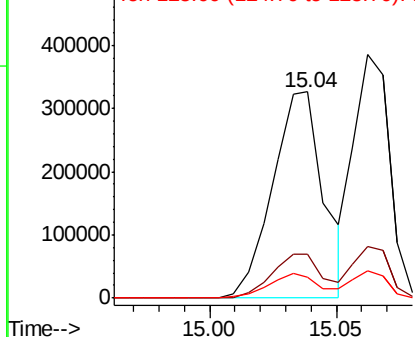


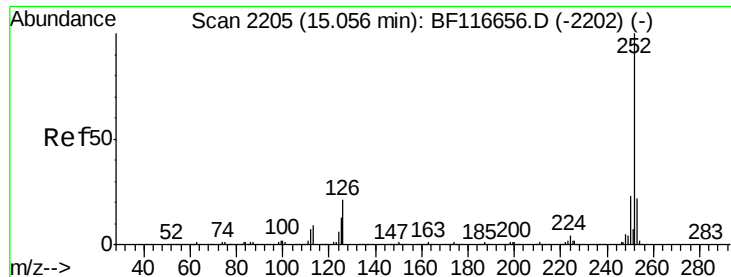
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





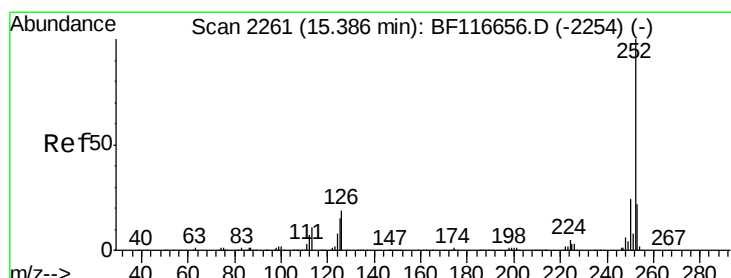
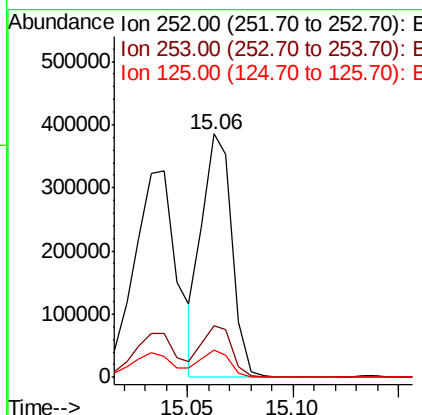
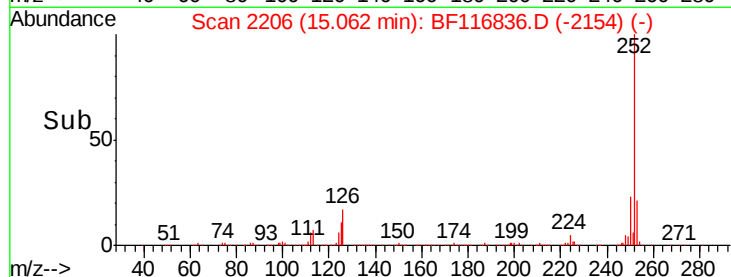
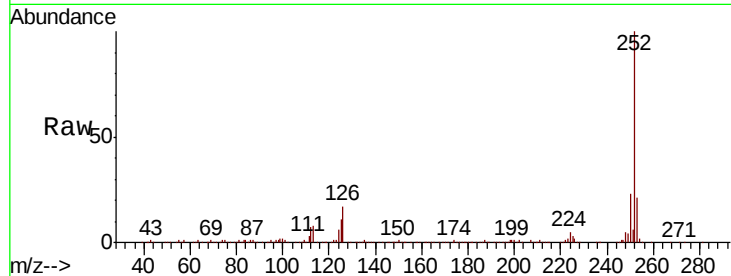
#89
Benzo(k)fluoranthene
Concen: 32.533 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	11.4	8.6	13.0

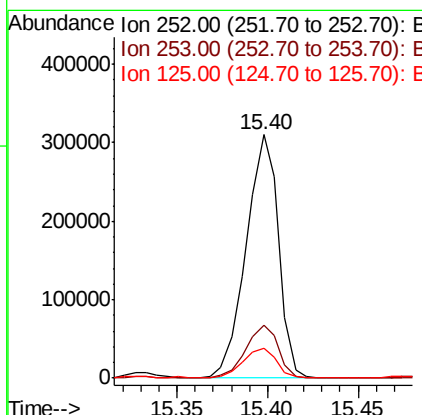
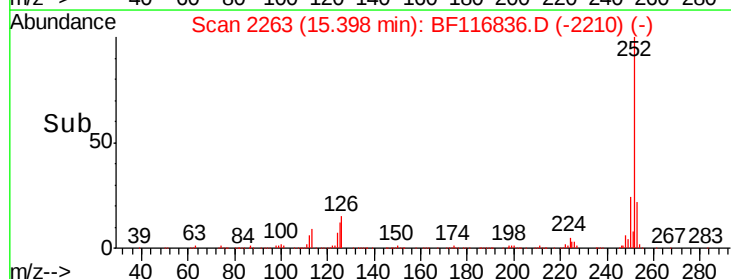
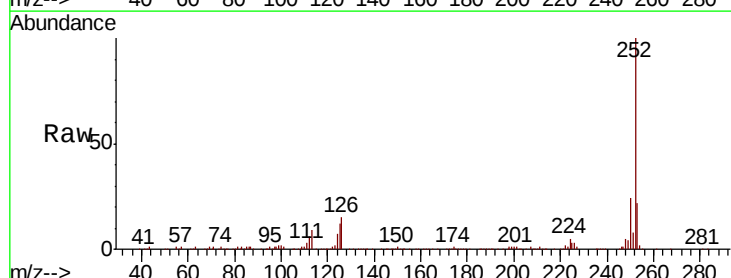
Manual Integrations
APPROVED

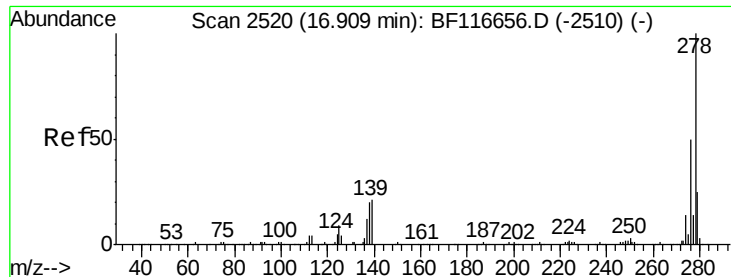
mohammad
9/10/2019 9:52:14 AM



#90
Benzo(a)pyrene
Concen: 34.502 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.1	9.8	14.8





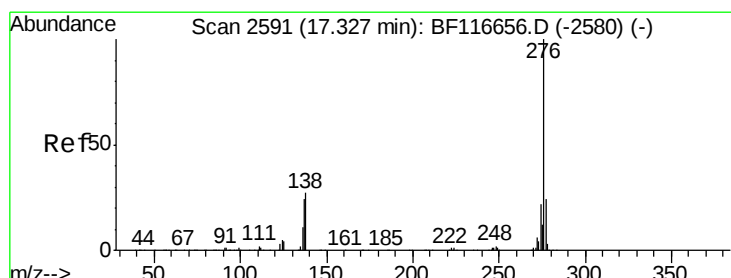
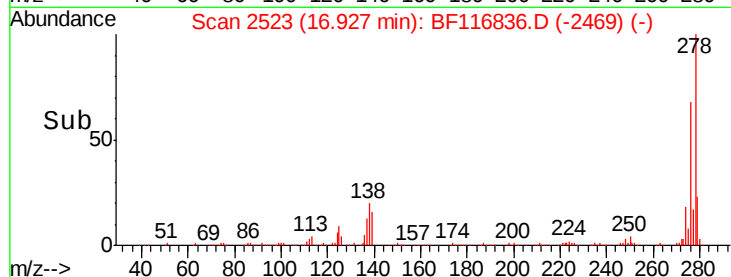
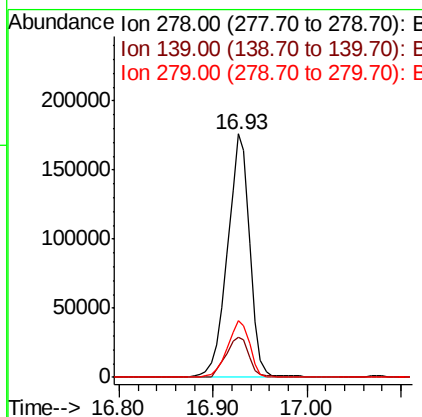
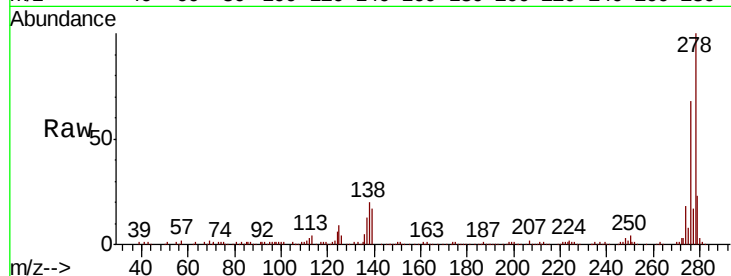
#91
Dibenzo(a,h)anthracene
Concen: 29.656 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.4	18.6
279	23.1	18.2	27.4

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 27.261 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.03 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	21.0	16.2	24.2

