

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116746.D
 Acq On : 1 Sep 2019 16:53
 Operator : HP/JU
 Sample : K4525-19MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:54:37 AM

Quant Time: Sep 02 05:53:41 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	115597	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	469018	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	234654	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	356162	20.00	ng	0.00
76) Chrysene-d12	13.99	240	236548	20.00	ng	0.00
87) Perylene-d12	15.44	264	280314	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	803309	112.58	ng	0.00
7) Phenol-d6	6.48	99	1091897	116.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	688785	83.84	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	175616	111.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1168685	84.02	ng	0.00
79) Terphenyl-d14	12.95	244	962355	75.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	107026	32.493	ng	98
3) Pyridine	3.36	79	262418	27.516	ng	95
4) n-Nitrosodimethylamine	3.29	42	115022	35.122	ng	82
6) Aniline	6.51	93	374905	28.890	ng	94
8) 2-Chlorophenol	6.63	128	314908	40.429	ng	95
9) Benzaldehyde	6.39	77	227932	36.925	ng	97
10) Phenol	6.49	94	446456	43.032	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	314344	38.911	ng	99
12) 1,3-Dichlorobenzene	6.79	146	322902	36.679	ng	96
13) 1,4-Dichlorobenzene	6.87	146	330480	37.706	ng	98
14) 1,2-Dichlorobenzene	7.02	146	306884	37.783	ng	98
15) Benzyl Alcohol	6.99	79	295976	38.916	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	344751	36.373	ng	99
17) 2-Methylphenol	7.10	107	265158	38.887	ng	95
18) Hexachloroethane	7.36	117	117555	34.522	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	228788	37.086	ng	94
20) 3+4-Methylphenols	7.25	107	323261	40.774	ng	# 80
22) Acetophenone	7.25	105	443429	39.270	ng	98
24) Nitrobenzene	7.43	77	351615	42.080	ng	91
25) Isophorone	7.66	82	646344	38.824	ng	99
26) 2-Nitrophenol	7.74	139	112910	36.346	ng	95
27) 2,4-Dimethylphenol	7.78	122	276896	44.134	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	394738	38.800	ng	99
29) 2,4-Dichlorophenol	7.99	162	245967	40.794	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	254606	38.932	ng	95
31) Naphthalene	8.15	128	912294	40.906	ng	99
32) Benzoic acid	7.91	122	15411m	4.350	ng	
33) 4-Chloroaniline	8.19	127	267182	26.318	ng	98
34) Hexachlorobutadiene	8.27	225	131796	36.961	ng	98
35) Caprolactam	8.55	113	80789m	35.803	ng	
36) 4-Chloro-3-methylphenol	8.67	107	281810	40.666	ng	100
37) 2-Methylnaphthalene	8.84	142	607604	40.947	ng	97
38) 1-Methylnaphthalene	8.94	142	569000	40.620	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	232283	41.294	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	100454	30.925	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	152680	39.596	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	155182	38.765	nq	94
46) 1,1'-Biphenyl	9.30	154	714771	40.143	nq	97
47) 2-Chloronaphthalene	9.33	162	553769	39.266	nq	99
48) 2-Nitroaniline	9.42	65	188852	46.319	nq	95
49) Acenaphthylene	9.75	152	889974	41.747	nq	99
50) Dimethylphthalate	9.60	163	730741	45.106	nq	98
51) 2,6-Dinitrotoluene	9.66	165	145741	47.151	nq #	83
52) Acenaphthene	9.92	154	518781	39.605	nq	99
53) 3-Nitroaniline	9.83	138	160572	41.453	nq	98
54) 2,4-Dinitrophenol	9.93	184	2062	10.708	nq #	81
55) Dibenzofuran	10.09	168	771664	41.790	nq	99
56) 4-Nitrophenol	9.99	139	184478	69.457	nq	85
57) 2,4-Dinitrotoluene	10.06	165	185790	49.158	nq	96
58) Fluorene	10.43	166	592204	42.090	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	104303	36.102	nq	97
60) Diethylphthalate	10.30	149	675712	41.639	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	259992	42.198	nq	98
62) 4-Nitroaniline	10.44	138	173549	46.167	nq	91
63) Azobenzene	10.58	77	687976	40.658	nq	93
65) 4,6-Dinitro-2-methylphenol	10.47	198	3206	9.516	nq	79
66) n-Nitrosodiphenylamine	10.54	169	544067	44.158	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	156574	43.275	nq	92
68) Hexachlorobenzene	10.98	284	154202	40.735	nq	97
69) Atrazine	11.06	200	146144	42.351	nq	96
70) Pentachlorophenol	11.17	266	108857	59.445	nq	98
71) Phenanthrene	11.39	178	884619	44.619	nq	99
72) Anthracene	11.44	178	863809	43.282	nq	100
73) Carbazole	11.59	167	795074	41.822	nq	99
74) Di-n-butylphthalate	11.92	149	1041895	42.750	nq	100
75) Fluoranthene	12.57	202	848662	43.556	nq	98
77) Benzidine	12.69	184	263857	28.439	nq	99
78) Pyrene	12.80	202	845021	40.186	nq	99
80) Butylbenzylphthalate	13.42	149	389726	38.112	nq	97
81) Benzo(a)anthracene	13.99	228	654467	43.715	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	202548	40.034	nq	96
83) Chrysene	14.02	228	661206	42.869	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	544795	43.160	nq	99
85) Di-n-octyl phthalate	14.59	149	970742	46.994	nq	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	623692	50.343	nq #	93
88) Benzo(b)fluoranthene	15.03	252	702352	41.443	nq #	96
89) Benzo(k)fluoranthene	15.06	252	643044	41.615	nq	98
90) Benzo(a)pyrene	15.39	252	659826	44.751	nq	97
91) Dibenzo(a,h)anthracene	16.91	278	517175	40.073	nq #	96
92) Benzo(g,h,i)perylene	17.33	276	487322	37.024	nq #	93

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



#1

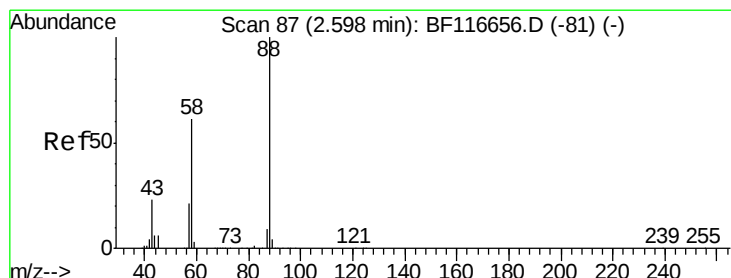
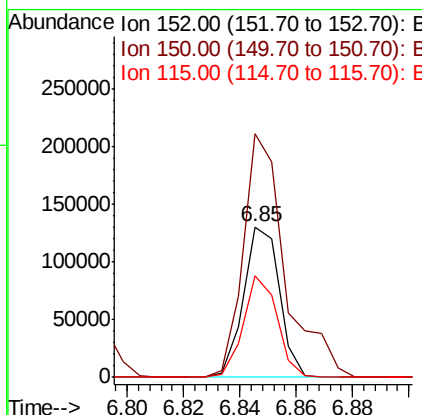
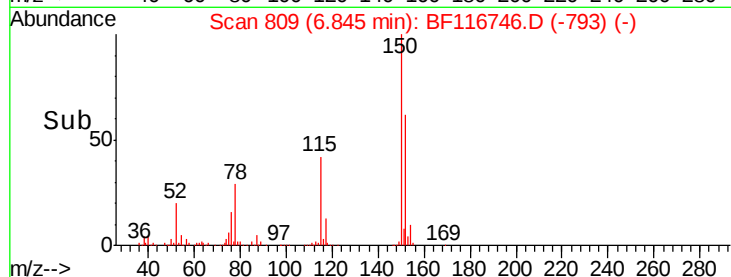
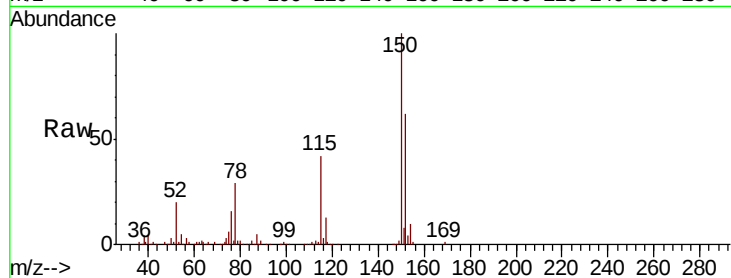
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.4	186.6
115	67.4	49.9	74.9

Manual Integrations
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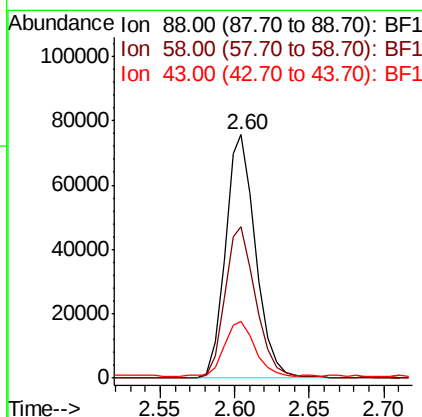
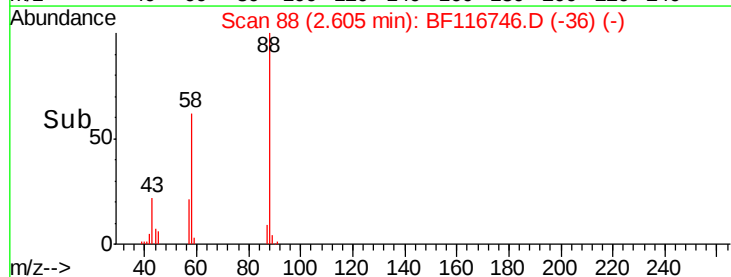
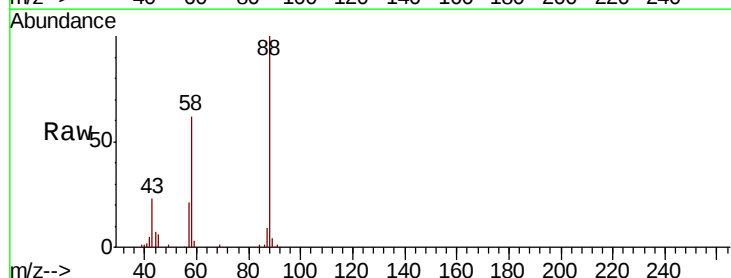
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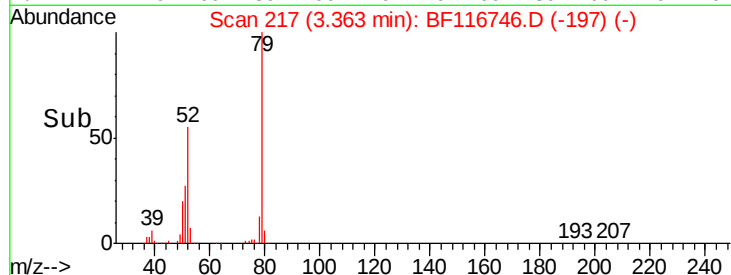
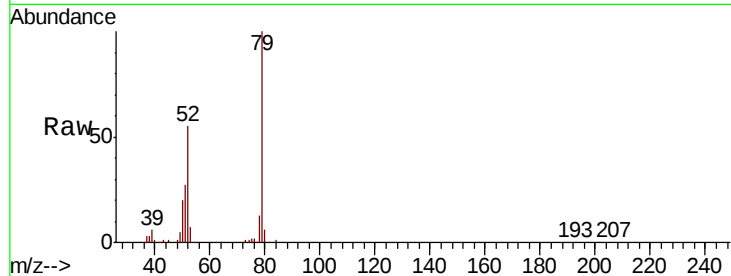
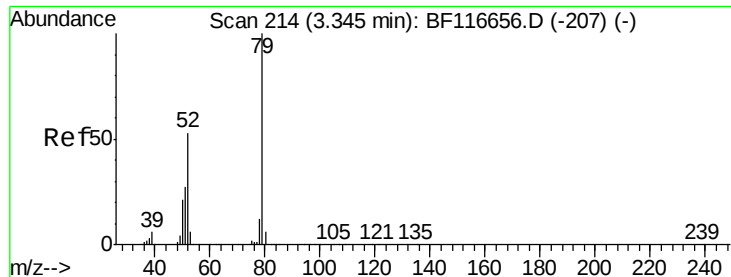


#2

1,4-Dioxane
Concen: 32.493 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	51.7	77.5
43	22.5	19.8	29.8





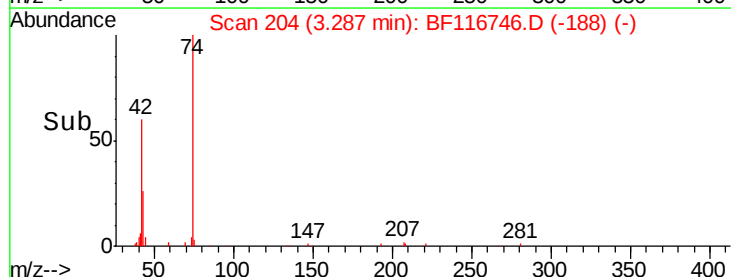
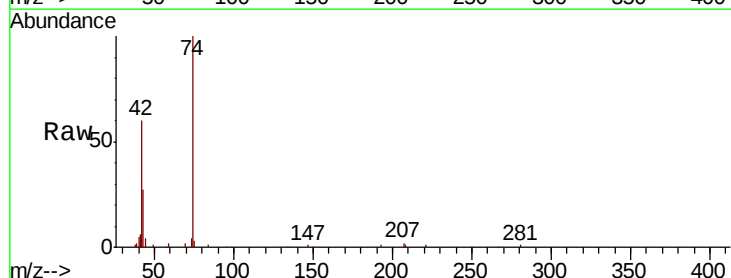
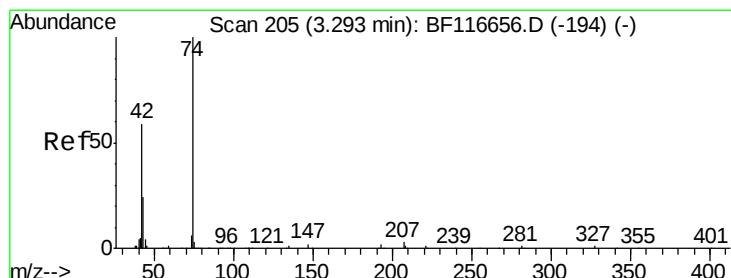
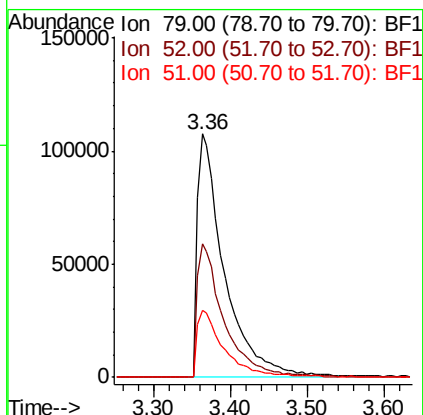
#3
Pvridine
Concen: 27.516 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.02 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tot Ion:	79	Resp:	262418
Ion	Ratio	Lower	Upper
79	100		
52	55.0	47.4	71.0
51	27.3	24.1	36.1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

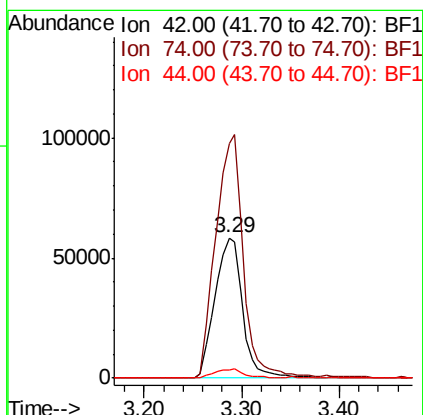
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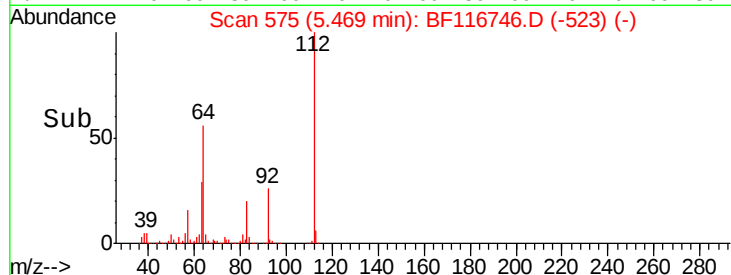
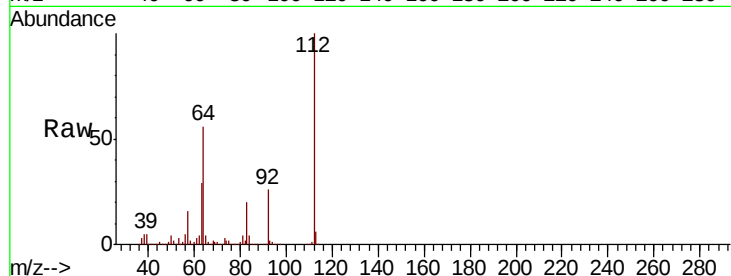
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#4
n-Nitrosodimethylamine
Concen: 35.122 ng
RT: 3.29 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion:	42	Resp:	115022
Ion	Ratio	Lower	Upper
42	100		
74	167.4	115.6	173.4
44	5.9	4.6	7.0





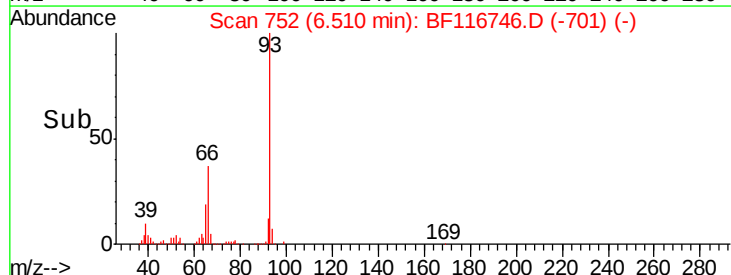
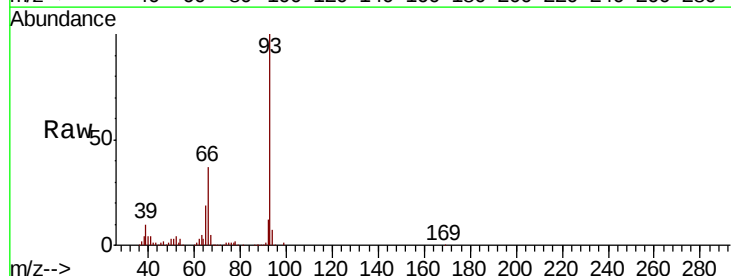
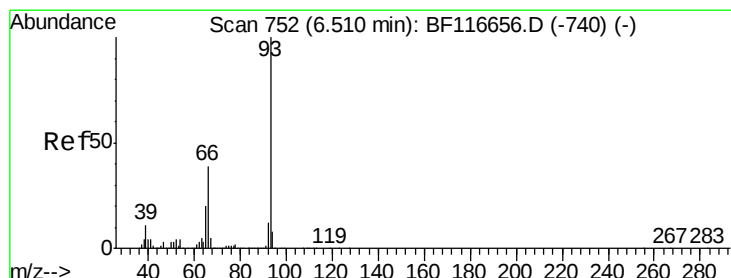
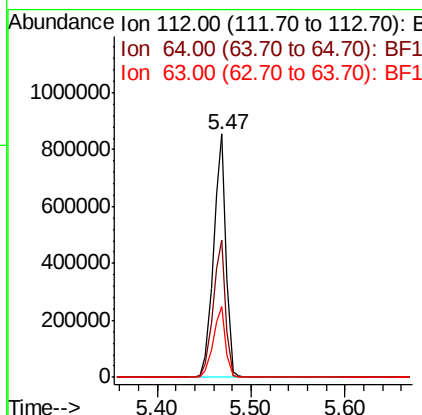
#5
2-Fluorophenol
Concen: 112.581 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tot Ion	Ratio	Resp	Lower	Upper
112	100	803309		
64	56.3	47.1	70.7	
63	29.3	24.9	37.3	

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

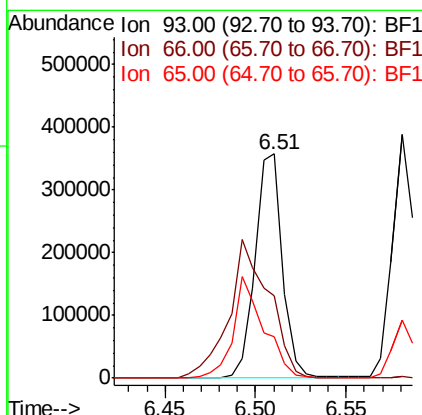
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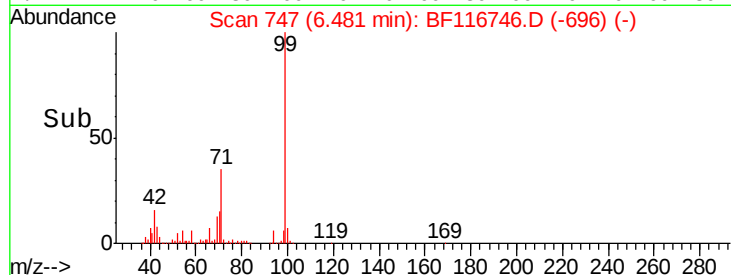
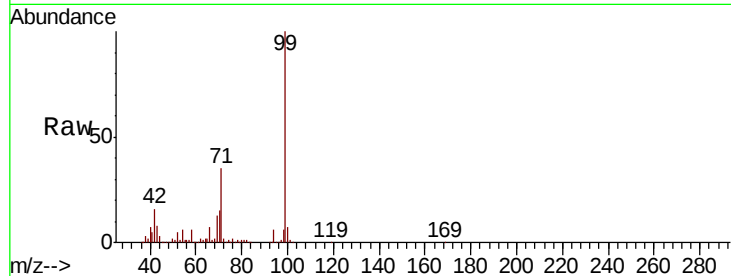
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#6
Aniline
Concen: 28.890 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	374905		
66	36.9	32.7	49.1	
65	18.6	16.3	24.5	





#7

Phenol-d6

Concen: 116.537 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tot Ion:	99	Resp:	1091897
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.7	20.5
71	34.8	30.8	46.2

Instrument :

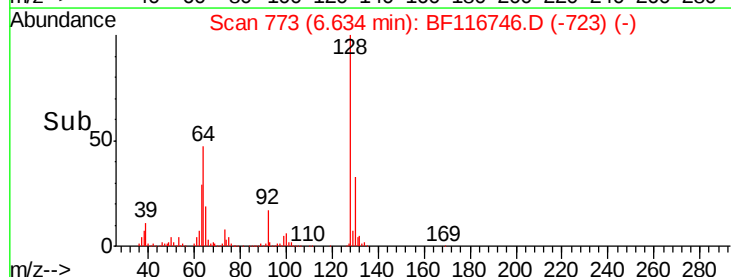
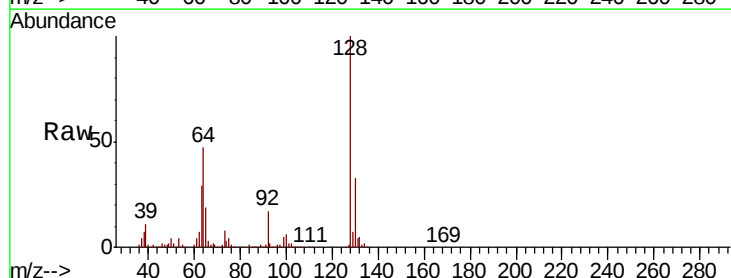
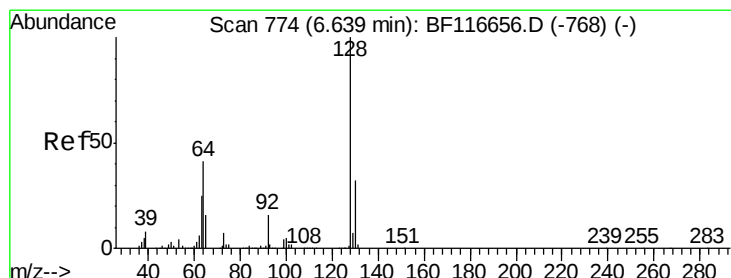
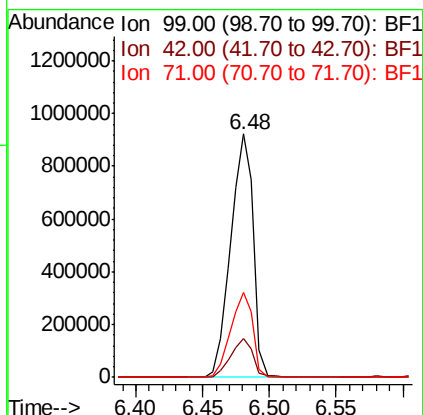
BNA_F

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#8

2-Chlorophenol

Concen: 40.429 ng

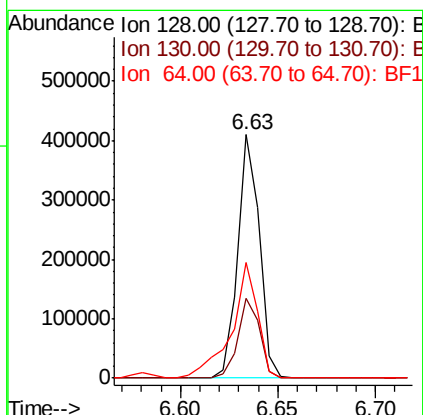
RT: 6.63 min Scan# 773

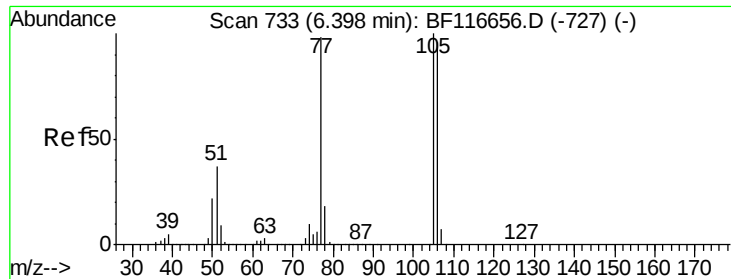
Delta R.T. -0.01 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tgt Ion:	128	Resp:	314908
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	47.5	22.5	62.5





#9

Benzaldehyde

Concen: 36.925 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Instrument :

BNA_F

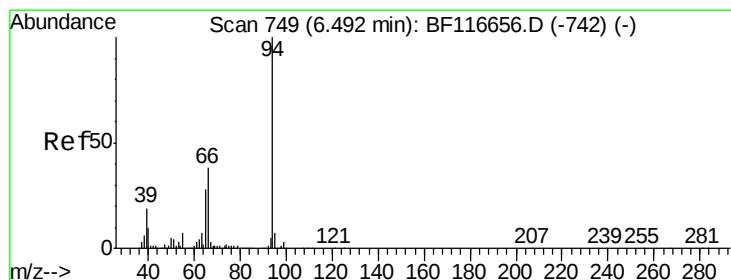
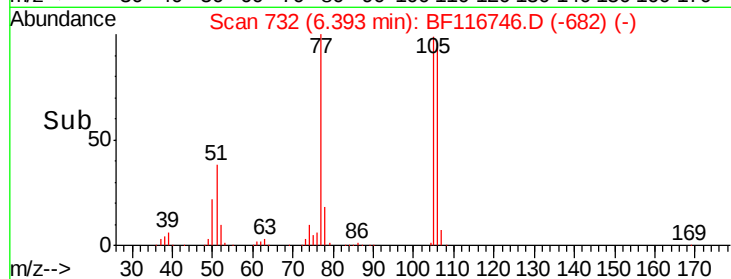
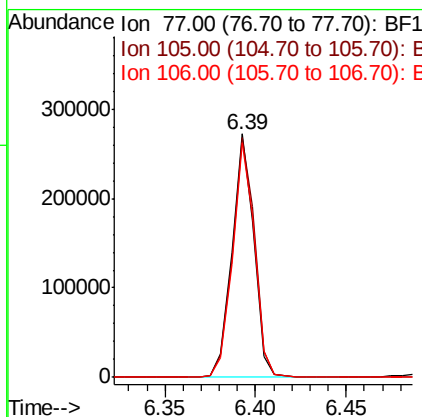
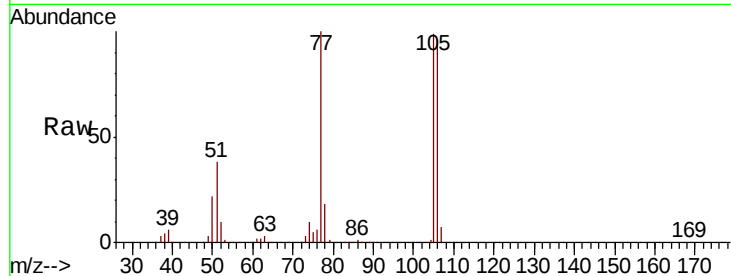
ClientSampleId :

T9-12-13-C-(0-1.9)MSD

Tot Ion:	77	Resp:	227932
Ion Ratio	Lower	Upper	
77	100		
105	98.5	76.7	116.7
106	96.3	73.1	113.1

Manual Integrations
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#10

Phenol

Concen: 43.032 ng

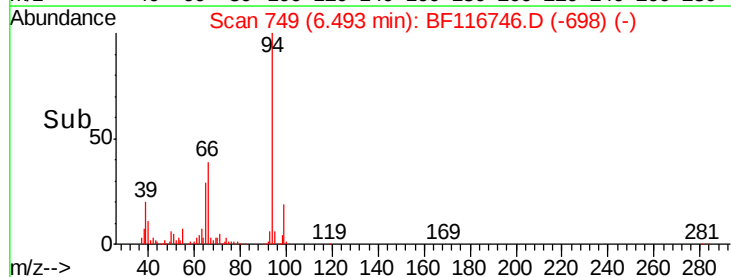
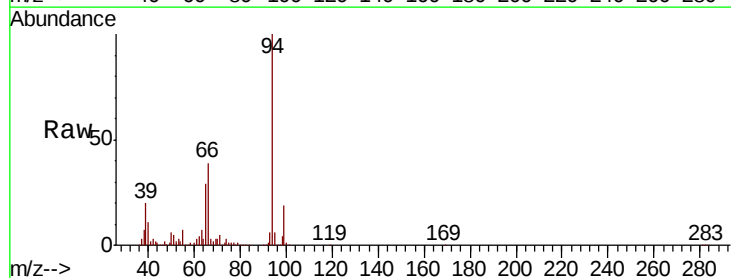
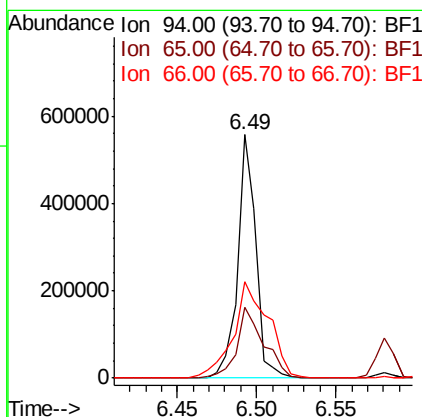
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tgt Ion:	94	Resp:	446456
Ion Ratio	Lower	Upper	
94	100		
65	28.9	10.8	50.8
66	39.5	21.1	61.1





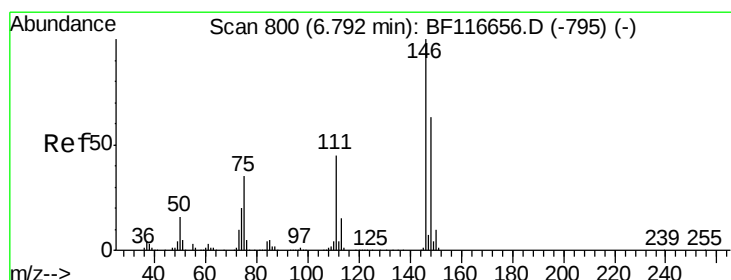
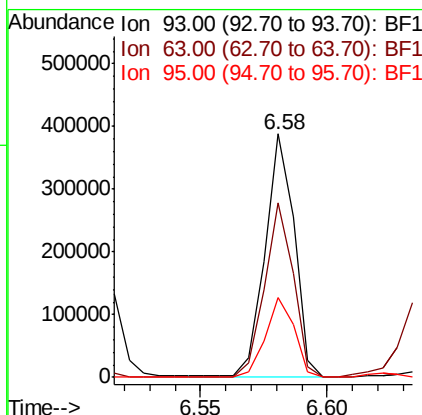
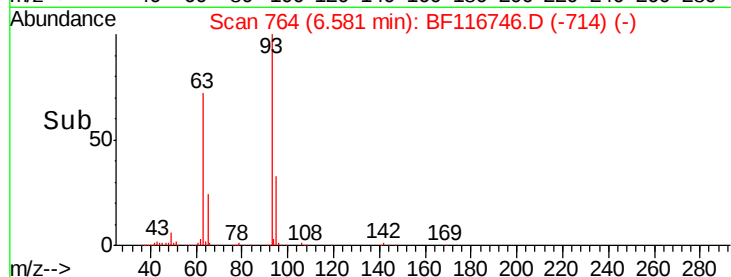
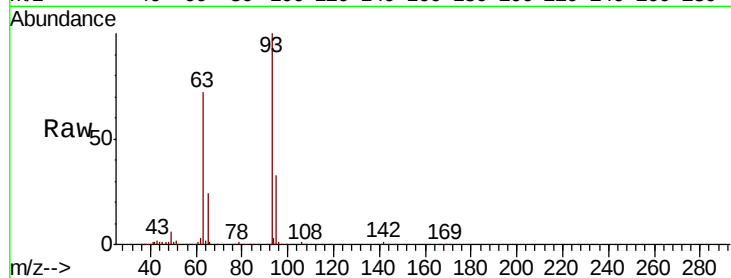
#11
bis(2-Chloroethyl)ether
Concen: 38.911 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	93	Resp	314344
Ion	Ratio	Lower	Upper
93	100		
63	71.6	49.9	89.9
95	32.7	12.7	52.7

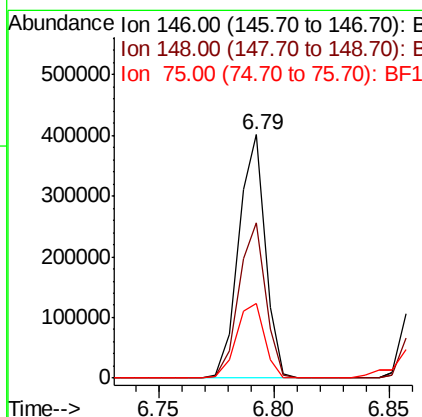
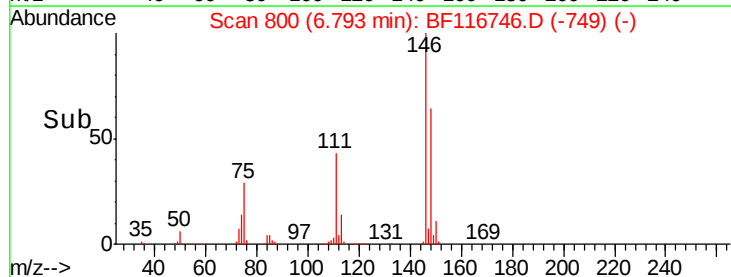
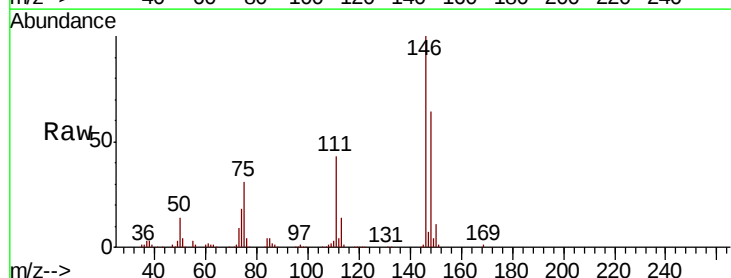
Manual Integrations
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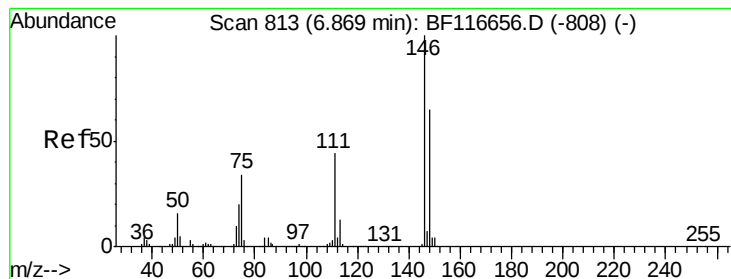
mohammad
9/5/2019 9:54:37 AM



#12
1,3-Dichlorobenzene
Concen: 36.679 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	146	Resp	322902
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	30.9	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 37.706 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Instrument :

BNA_F

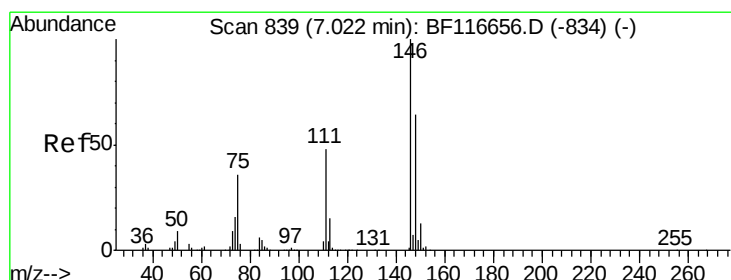
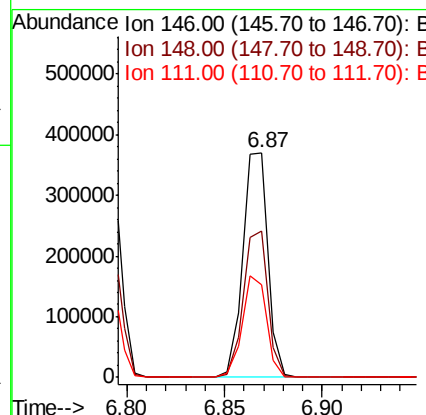
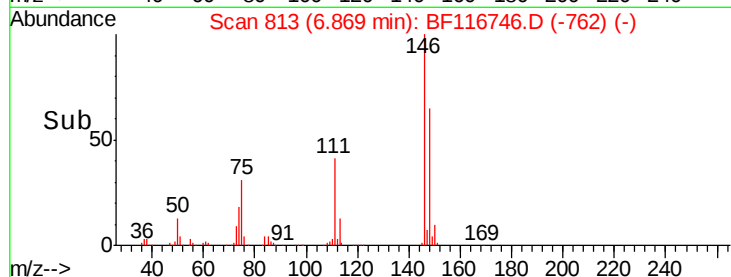
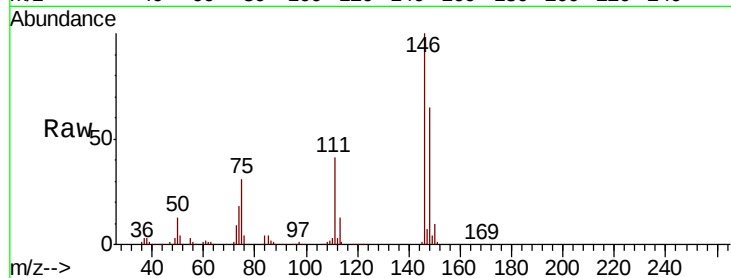
ClientSampleId :

T9-12-13-C-(0-1.9)MSD

Tot Ion:	146	Resp:	330480
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
111	41.4	34.8	52.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.783 ng

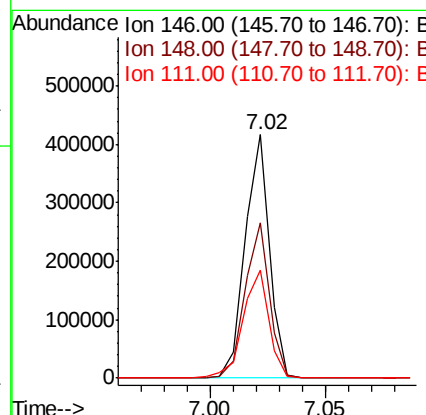
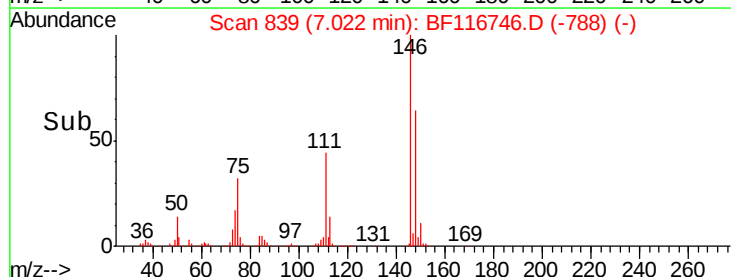
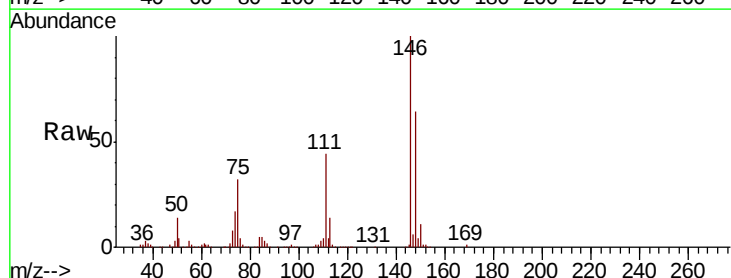
RT: 7.02 min Scan# 839

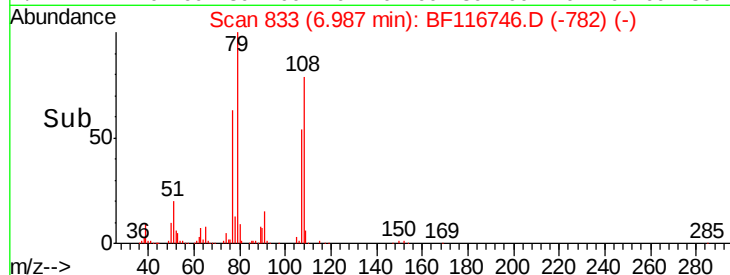
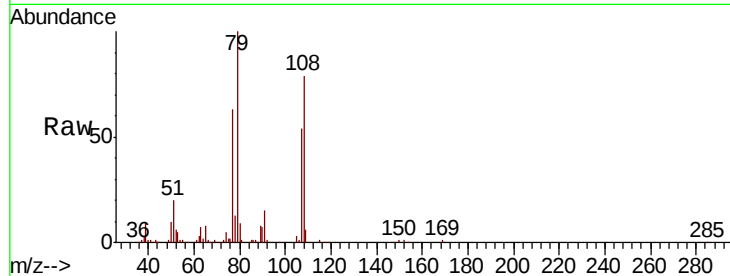
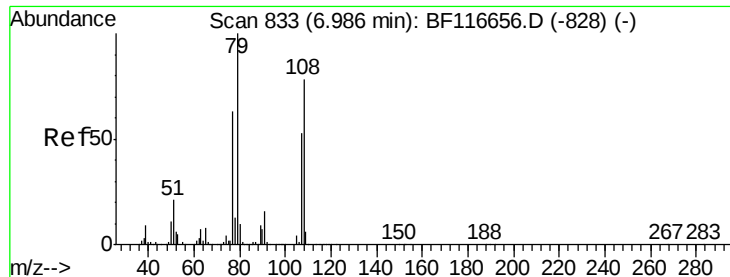
Delta R.T. 0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tgt Ion:	146	Resp:	306884
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.6	78.8
111	44.2	34.2	51.4





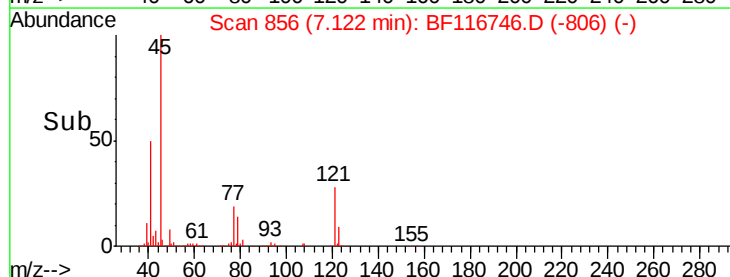
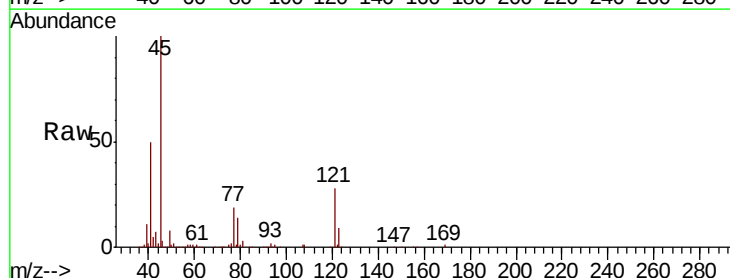
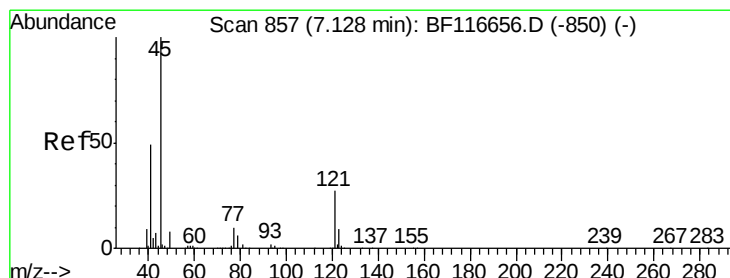
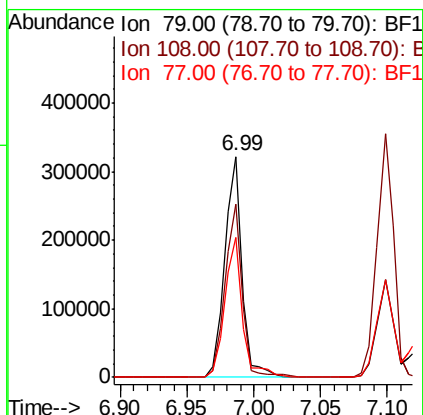
#15
Benzyl Alcohol
Concen: 38.916 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tot Ion	79	Resp	295976
Ion Ratio	Lower	Upper	
79	100		
108	78.5	59.2	88.8
77	63.1	53.0	79.4

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

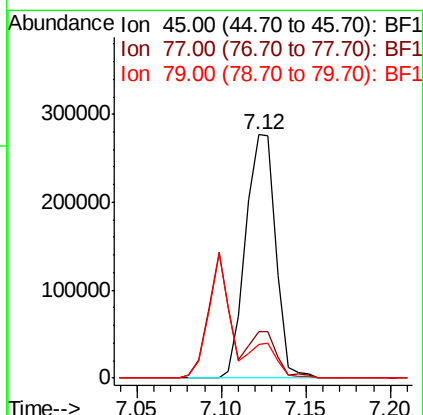
Manual Integrations
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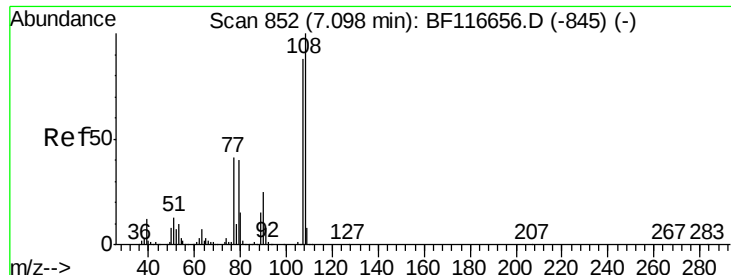
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.373 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	45	Resp	344751
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	38.2
79	13.8	0.0	33.9





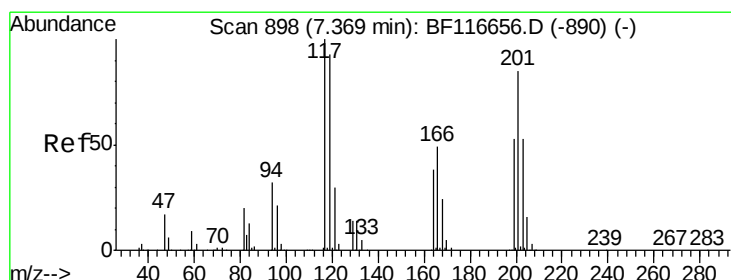
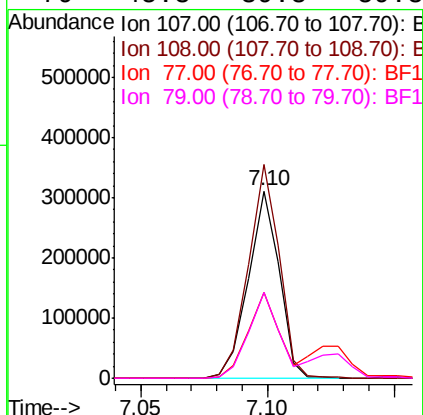
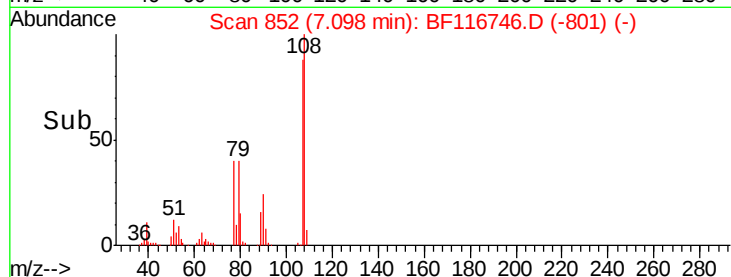
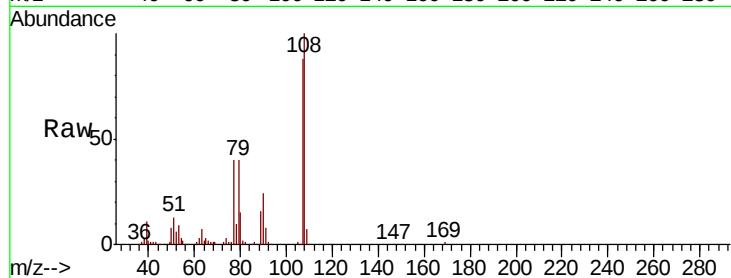
#17
2-Methylphenol
Concen: 38.887 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	88.3	132.5	
77	45.9	39.9	59.9	
79	45.8	39.8	59.8	

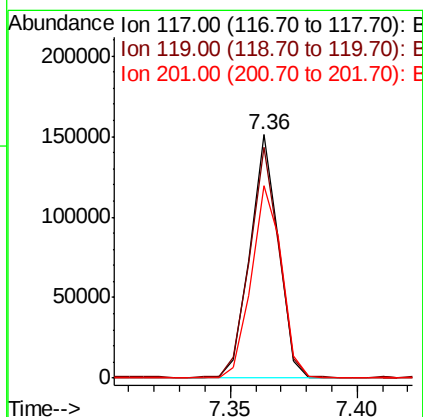
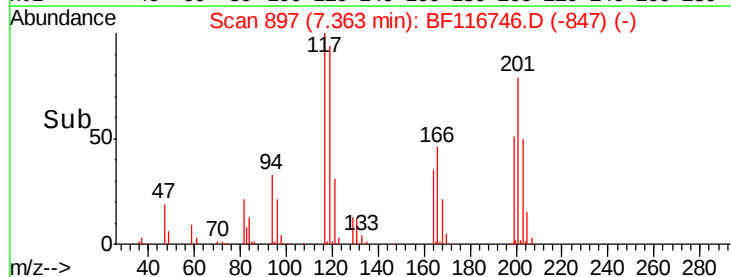
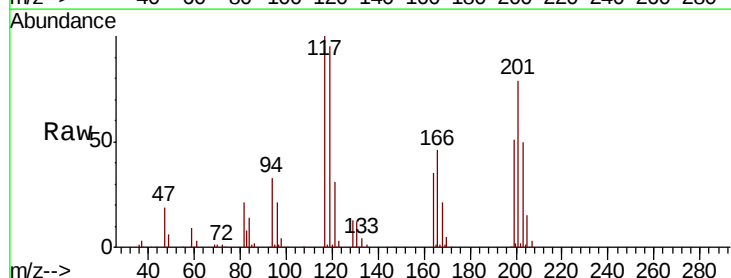
Manual Integrations
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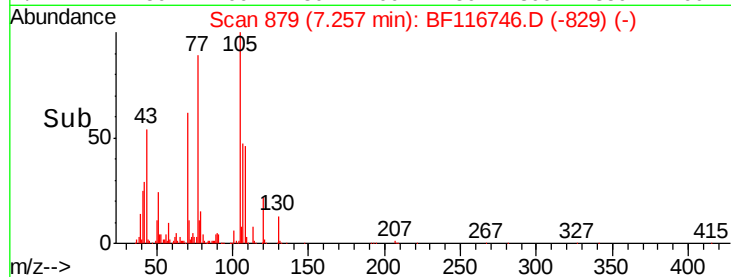
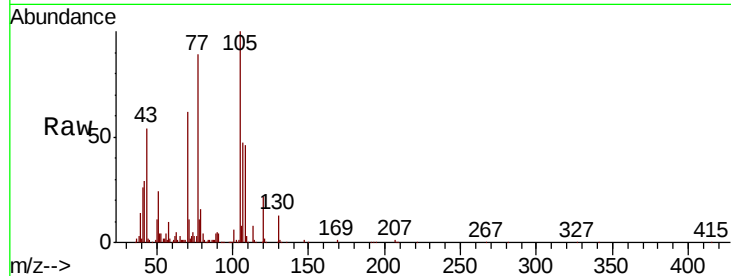
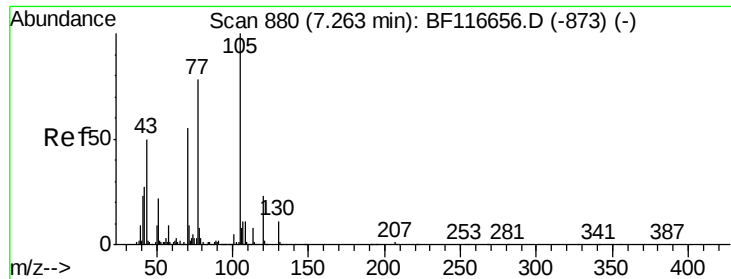
mohammad
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#18
Hexachloroethane
Concen: 34.522 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	76.9	115.3	
201	79.0	79.4	119.0#	





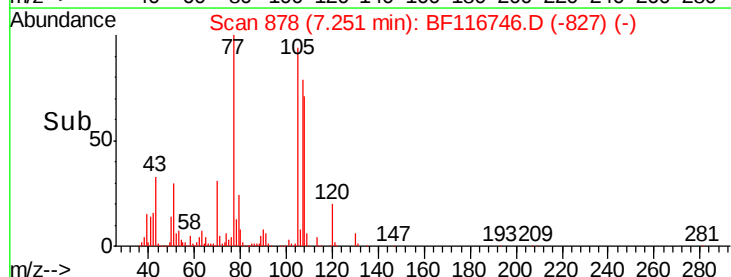
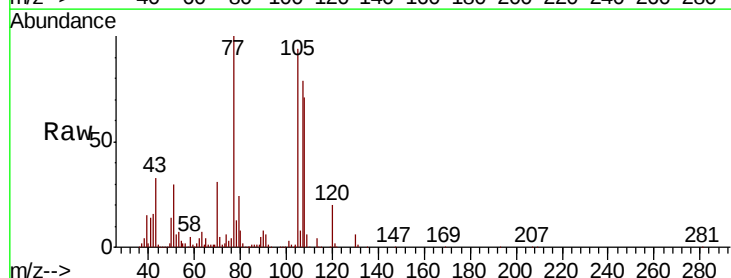
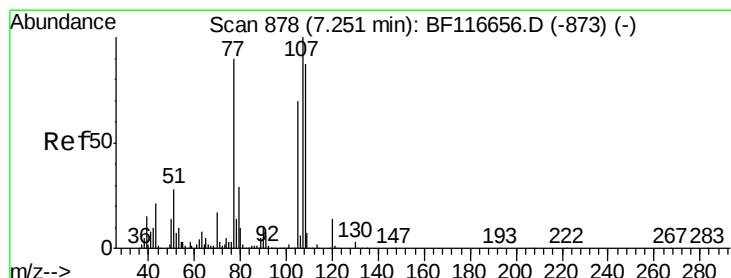
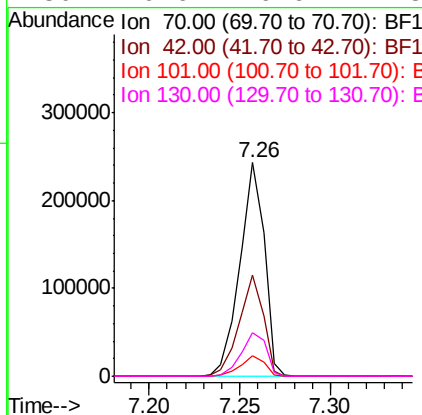
#19
n-Nitroso-di-n-propylamine
Concen: 37.086 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	43.5	65.3
101	9.7	7.8	11.6
130	20.6	16.6	24.8

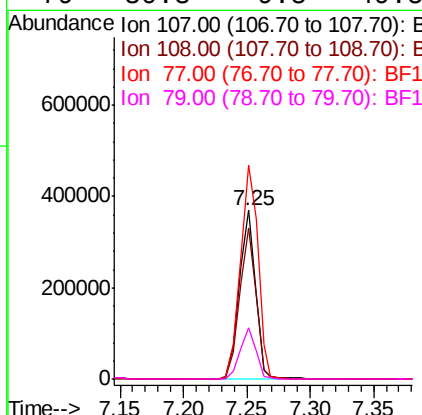
Manual Integrations
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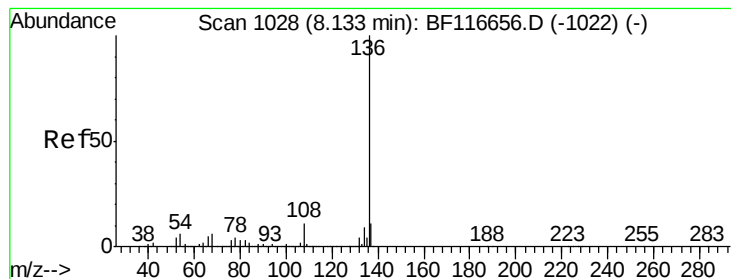
mohammad
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#20
3+4-Methylphenols
Concen: 40.774 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	65.5	105.5
77	126.8	69.4	109.4#
79	30.3	9.5	49.5





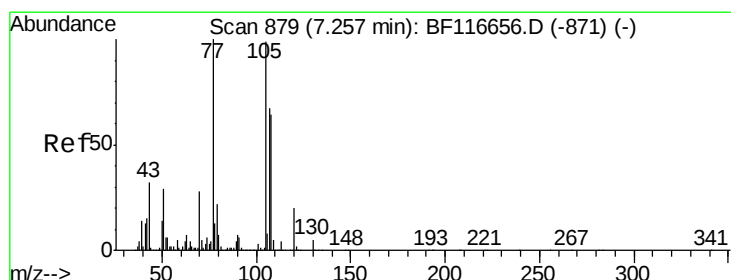
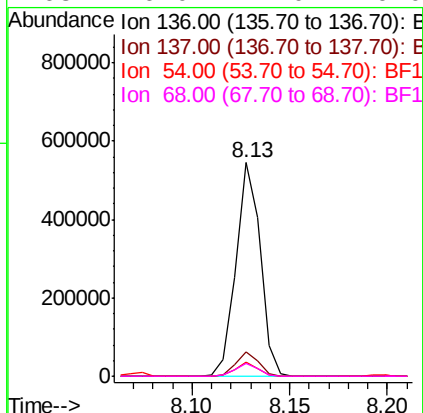
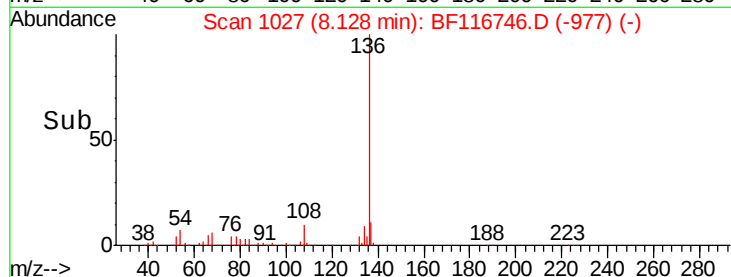
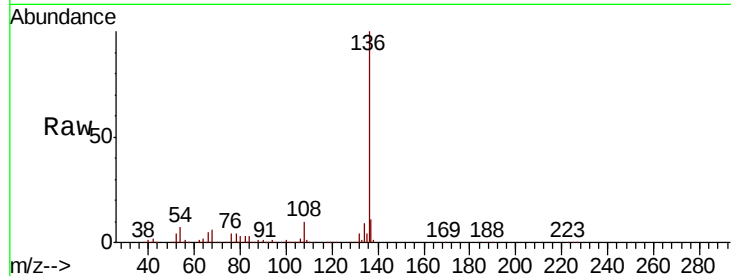
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		469018		
137	11.2	8.9	13.3		
54	6.5	4.8	7.2		
68	6.0	4.0	6.0#		

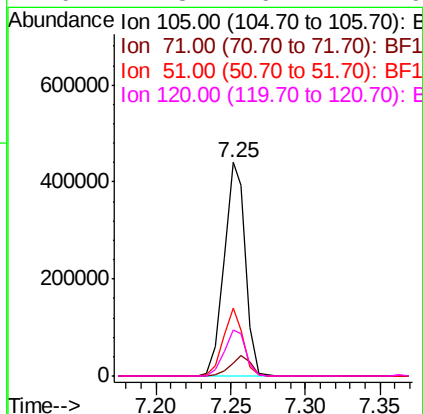
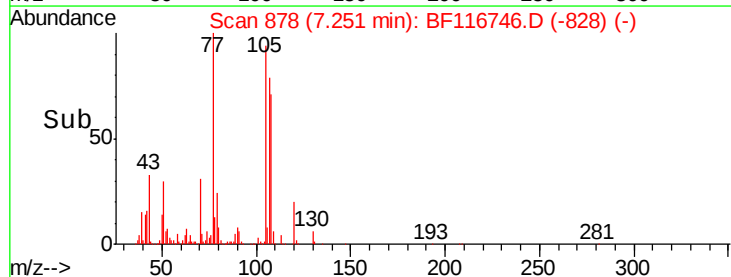
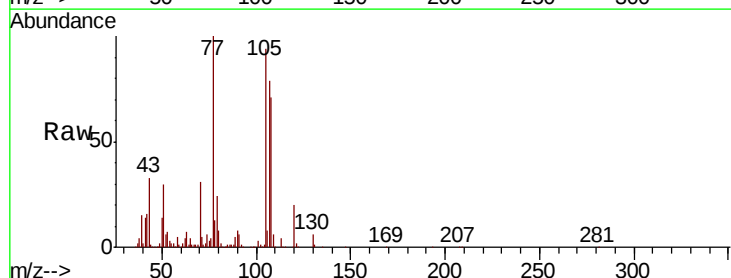
Manual Integrations
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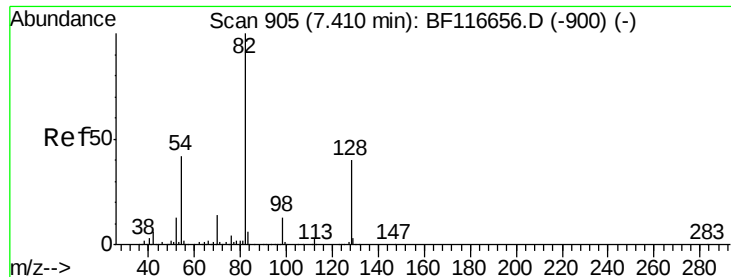
mohammad
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#22
Acetophenone
Concen: 39.270 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		443429		
71	5.7	4.2	6.4		
51	31.8	25.8	38.8		
120	21.8	16.4	24.6		





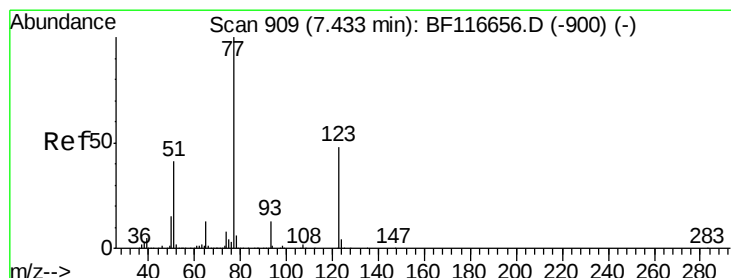
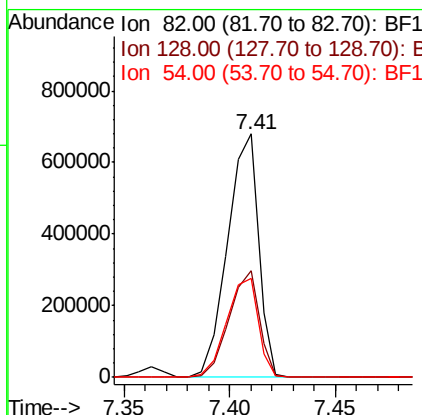
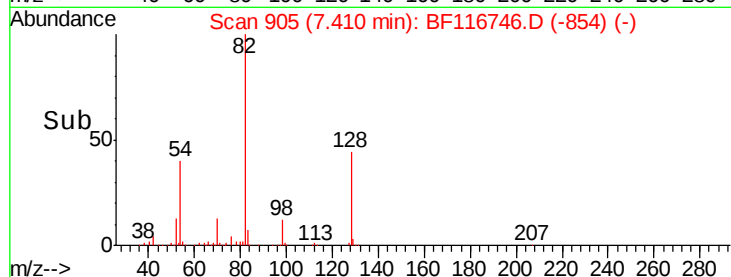
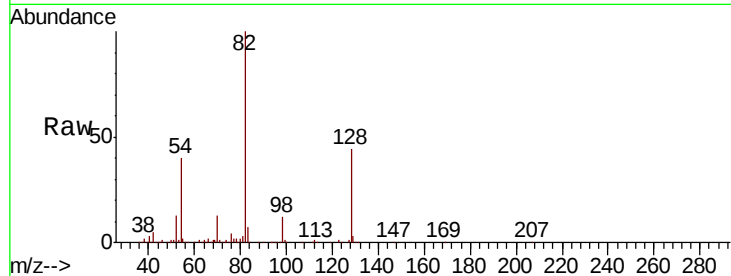
#23
 Nitrobenzene-d5
 Concen: 83.837 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

Tot Ion	82	Resp	688785
Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.8	49.2
54	40.5	36.9	55.3

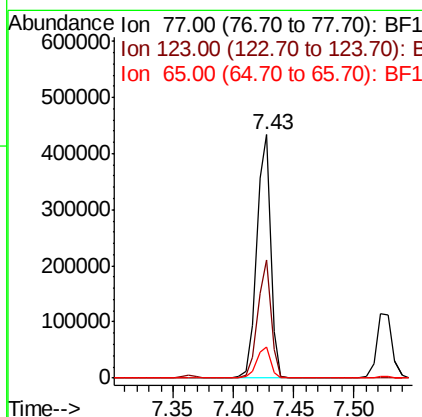
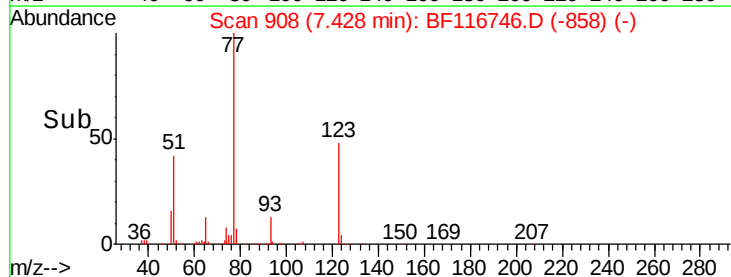
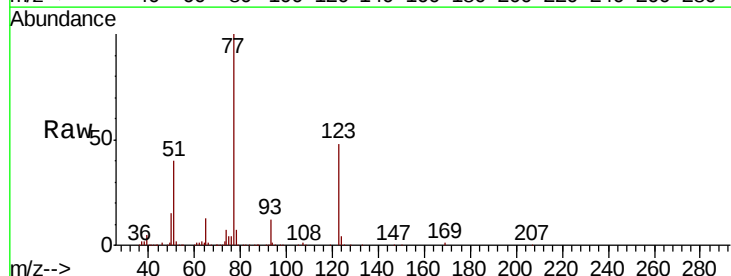
Manual Integrations
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#24
 Nitrobenzene
 Concen: 42.080 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Tgt Ion	77	Resp	351615
Ion	Ratio	Lower	Upper
77	100		
123	48.4	33.1	49.7
65	12.7	10.6	15.8





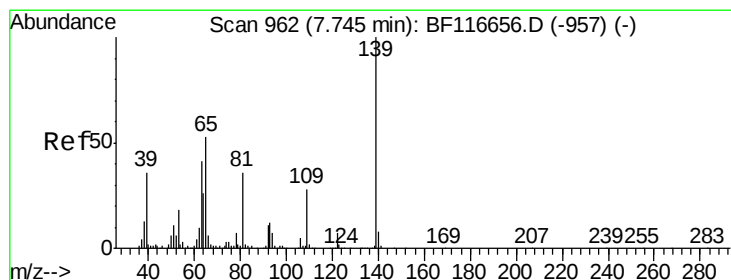
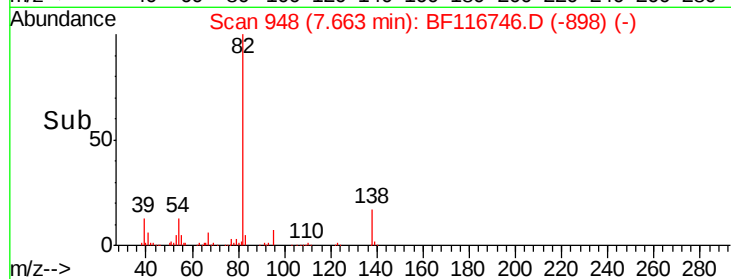
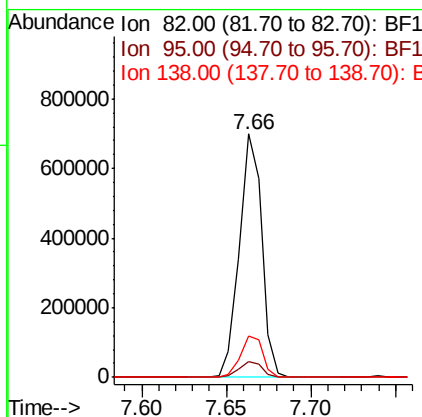
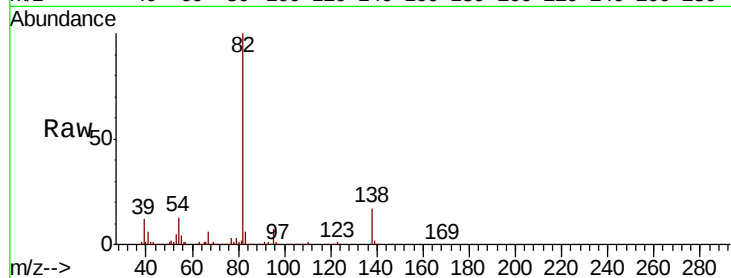
#25
Isophorone
Concen: 38.824 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	646344		
95	6.5		5.8	8.6
138	17.1		13.5	20.3

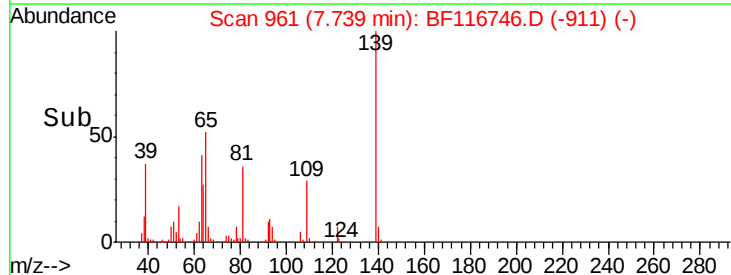
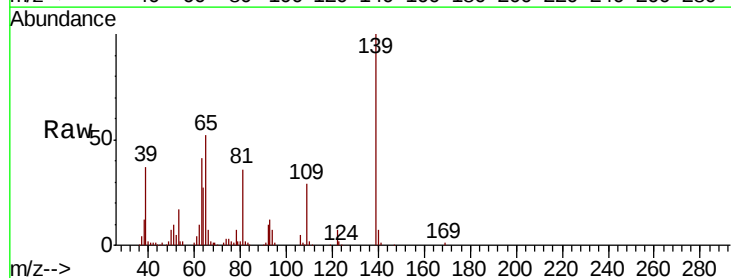
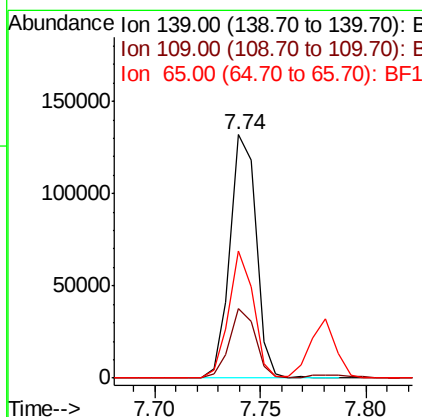
Manual Integrations
APPROVED

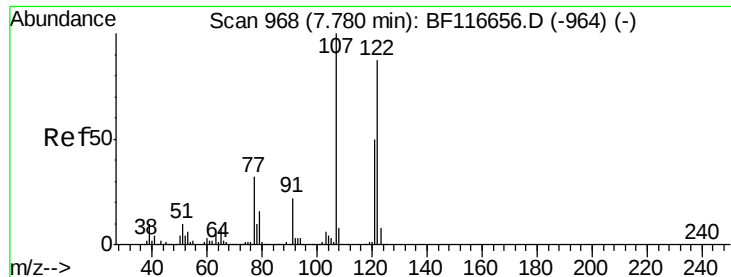
mohammad
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#26
2-Nitrophenol
Concen: 36.346 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	112910		
109	28.8		27.1	40.7
65	52.4		43.0	64.6





#27

2,4-Dimethylphenol

Concen: 44.134 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Instrument :

BNA_F

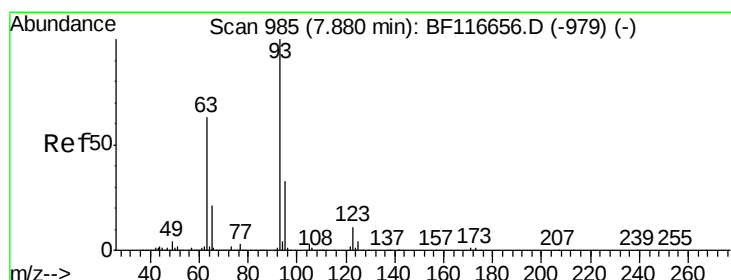
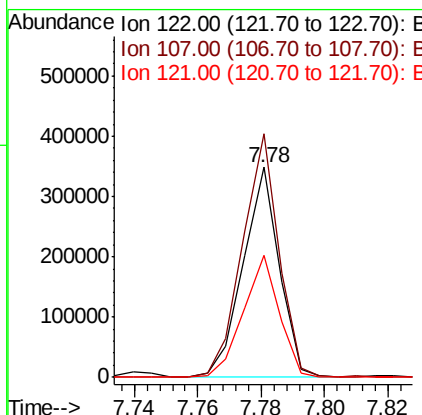
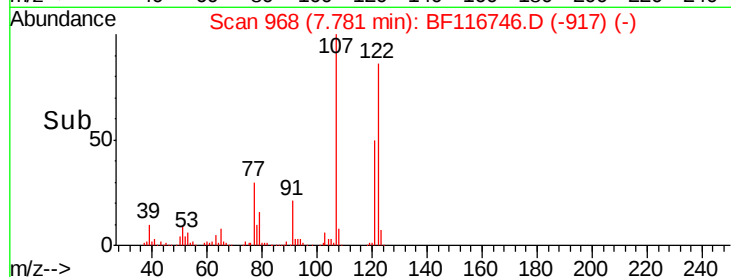
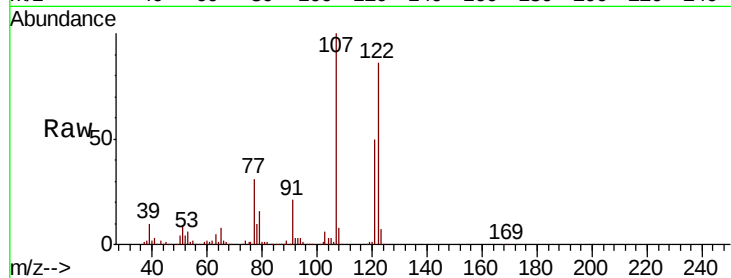
ClientSampleId :

T9-12-13-C-(0-1.9)MSD

Tot Ion:	122	Resp:	276896
Ion Ratio	Lower	Upper	
122	100		
107	115.8	98.1	147.1
121	58.3	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 38.800 ng

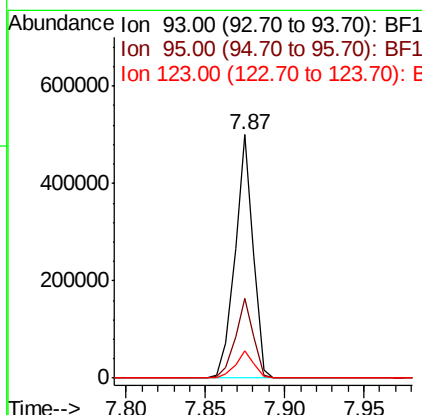
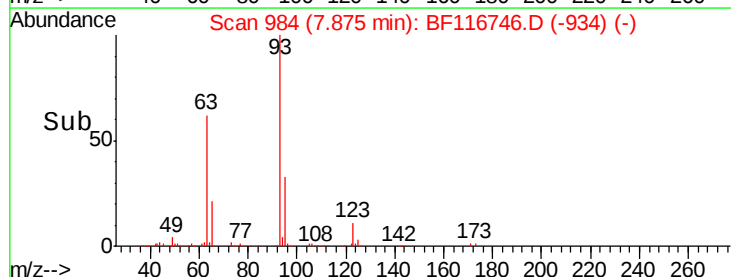
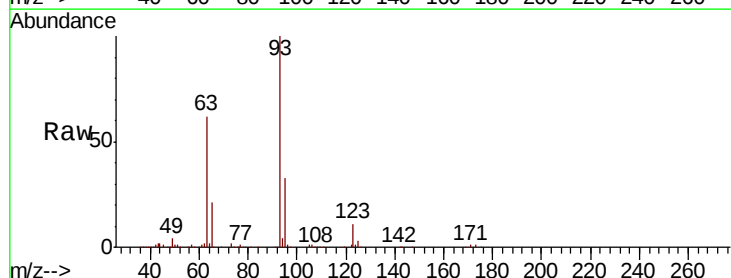
RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tgt Ion:	93	Resp:	394738
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	11.0	9.8	14.8





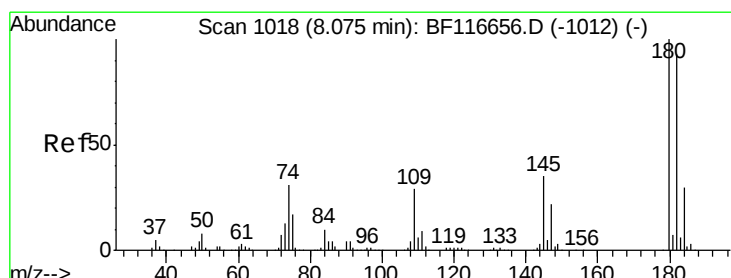
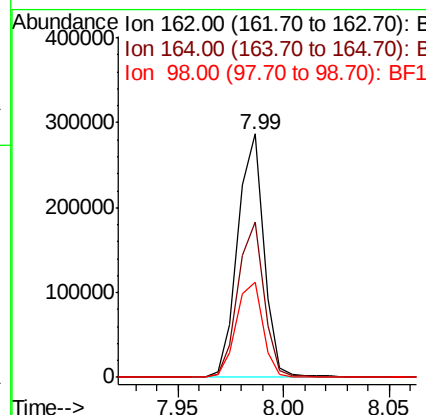
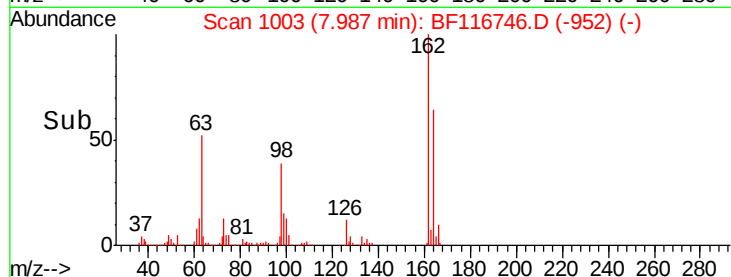
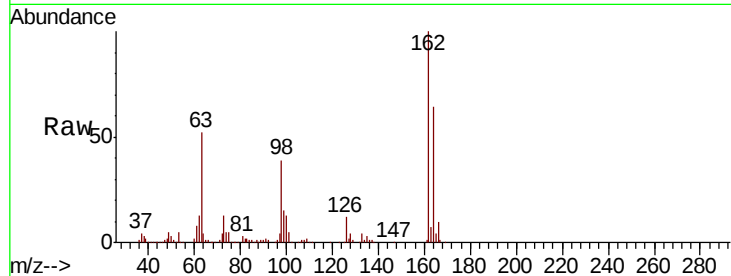
#29
2,4-Dichlorophenol
Concen: 40.794 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	245967		
164	63.9	43.4	83.4	
98	38.9	18.1	58.1	

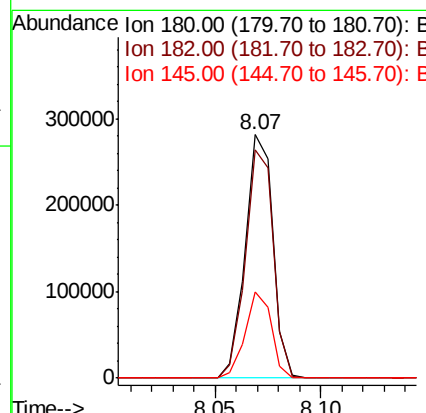
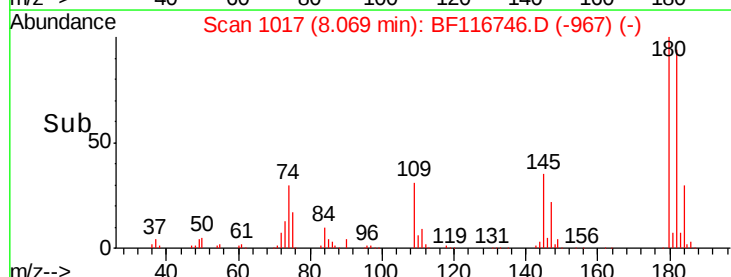
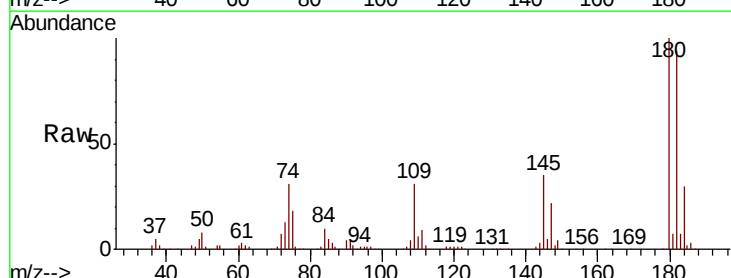
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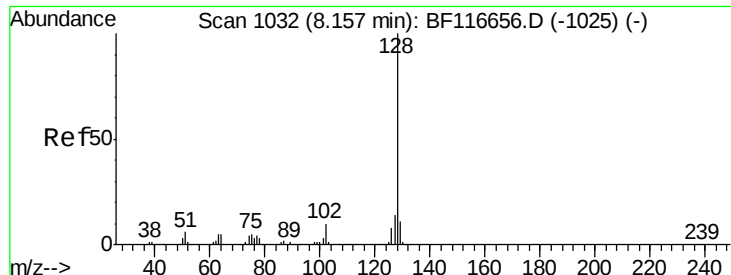
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#30
1,2,4-Trichlorobenzene
Concen: 38.932 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	254606		
182	93.9	78.6	118.0	
145	35.5	25.7	38.5	





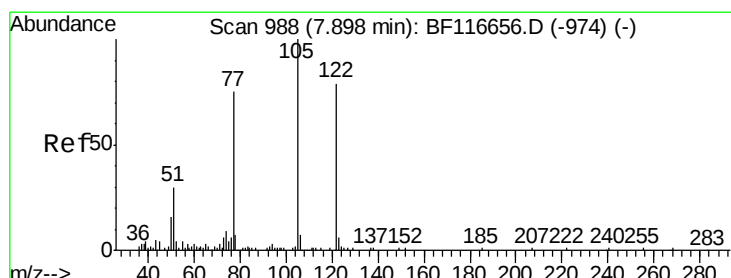
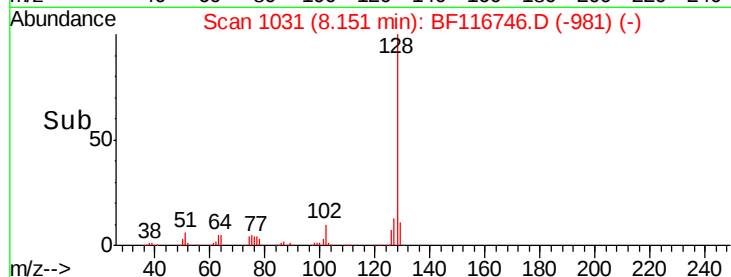
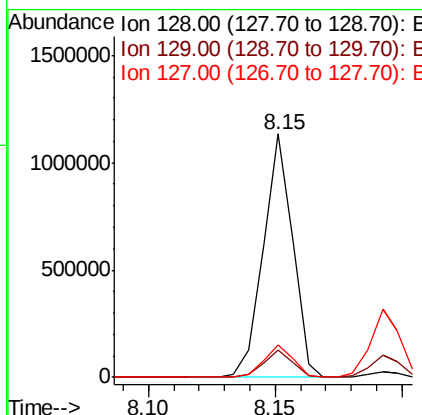
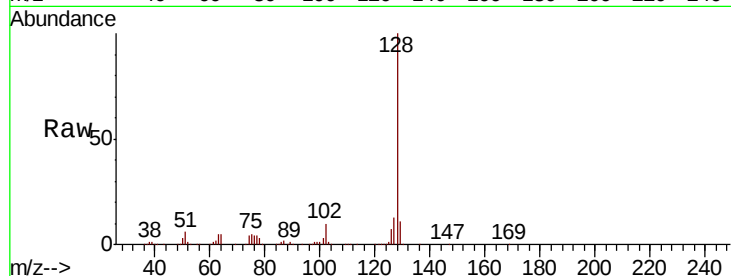
#31
Naphthalene
Concen: 40.906 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	912294		
129	11.1	8.6	13.0	
127	13.1	10.4	15.6	

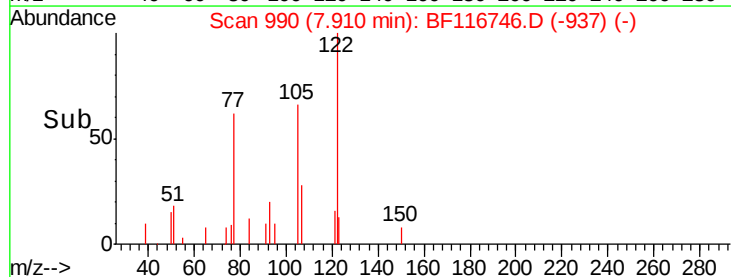
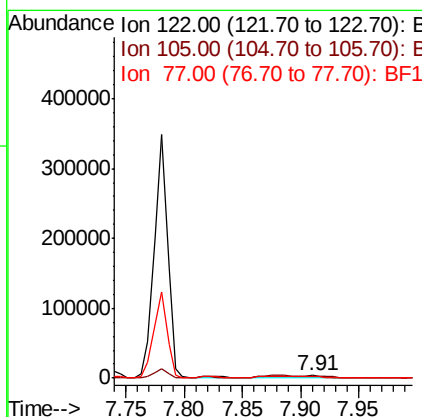
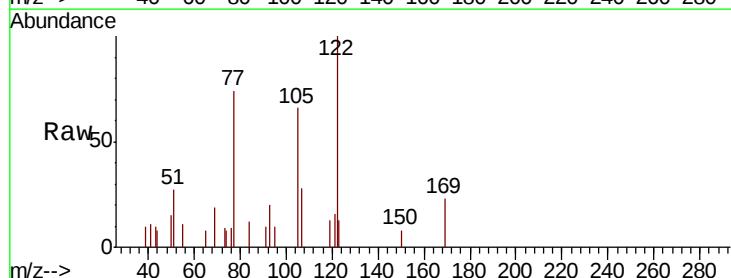
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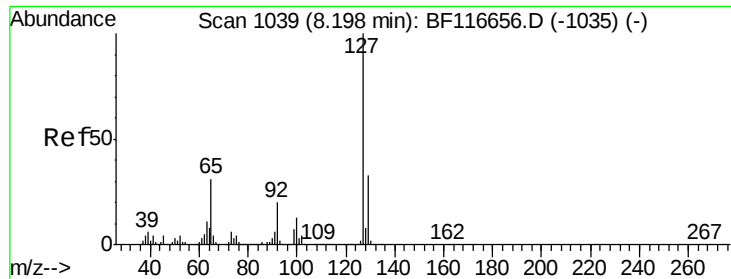
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#32
Benzoic acid
Concen: 4.350 ng m
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15411		
105	65.7	110.0	150.0#	
77	74.2	81.7	121.7#	





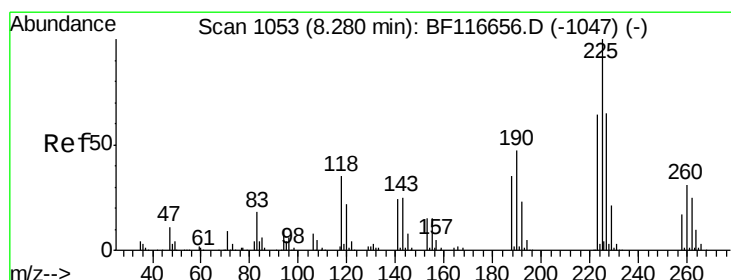
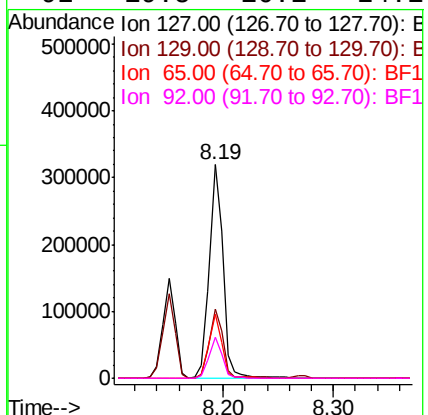
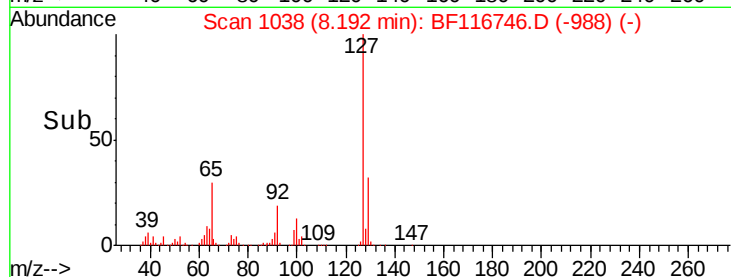
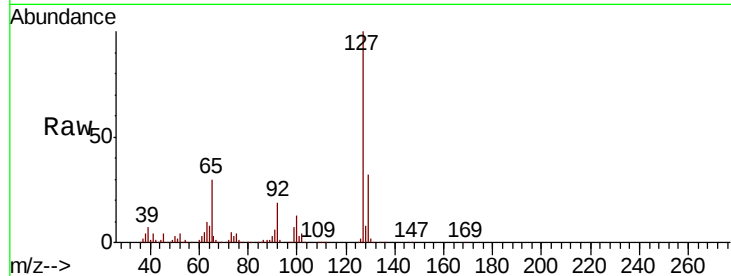
#33
4-Chloroaniline
Concen: 26.318 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		267182		
129	32.1	26.2	39.2		
65	29.9	26.0	39.0		
92	19.5	16.1	24.1		

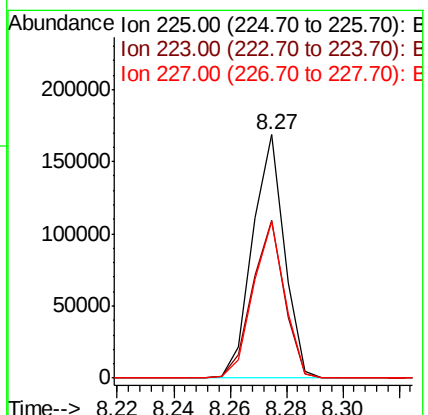
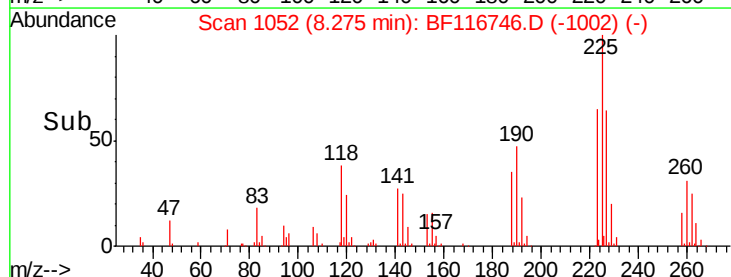
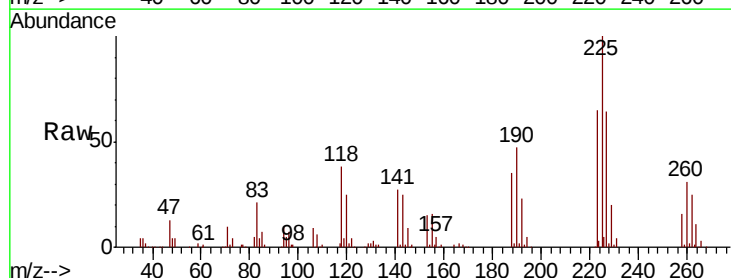
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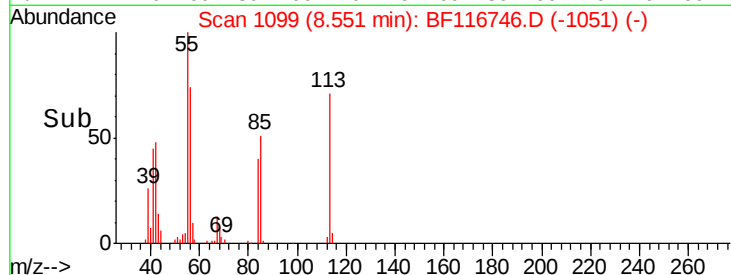
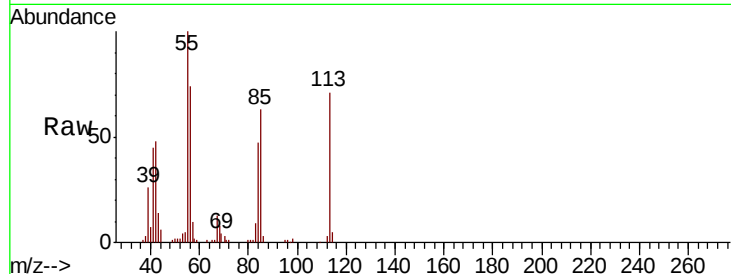
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#34
Hexachlorobutadiene
Concen: 36.961 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		131796		
223	64.7	49.4	74.2		
227	64.1	51.0	76.4		





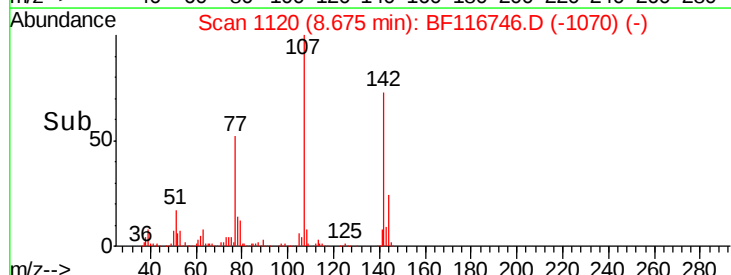
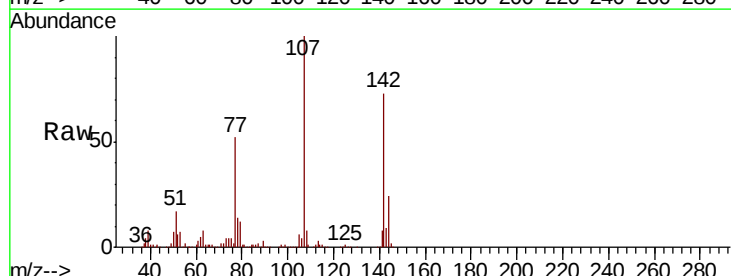
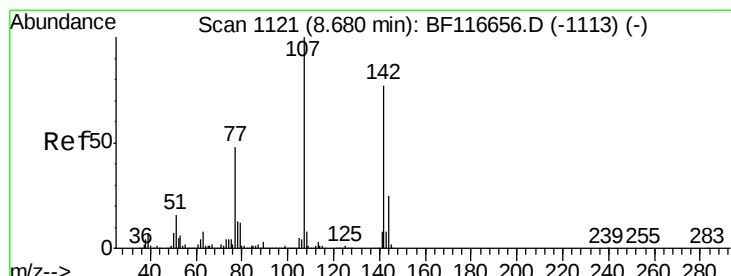
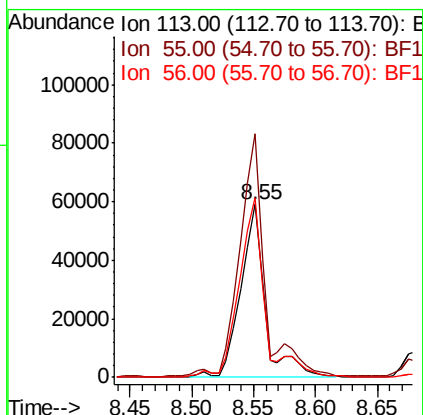
#35
Caprolactam
Concen: 35.803 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.1	124.3	164.3
56	104.3	94.6	134.6

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

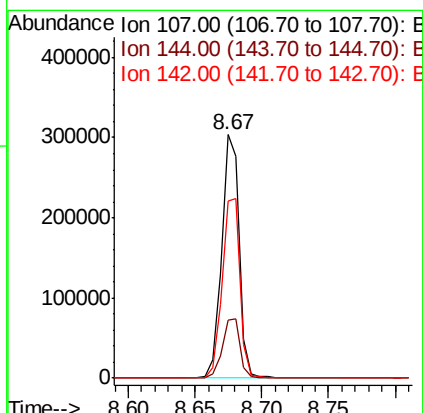
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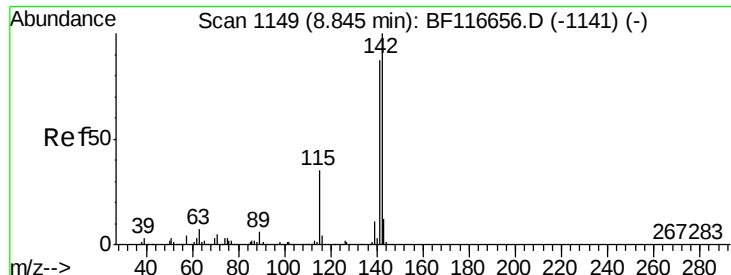
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#36
4-Chloro-3-methylphenol
Concen: 40.666 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	18.6	27.8
142	72.8	58.5	87.7





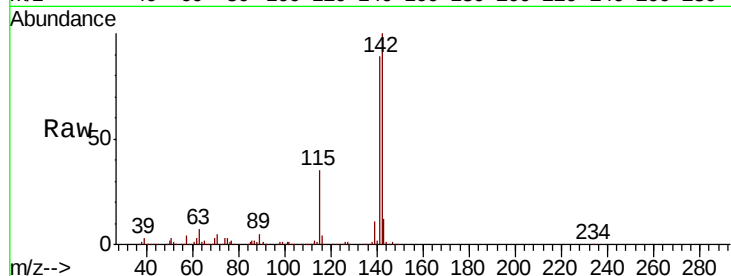
#37
2-Methylnaphthalene
Concen: 40.947 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	109.0
115	34.5	29.8	44.6

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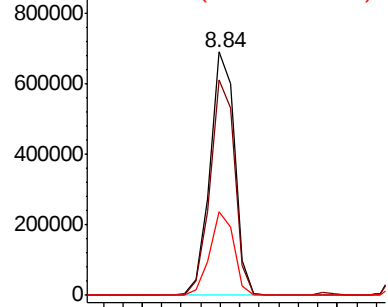


Abundance

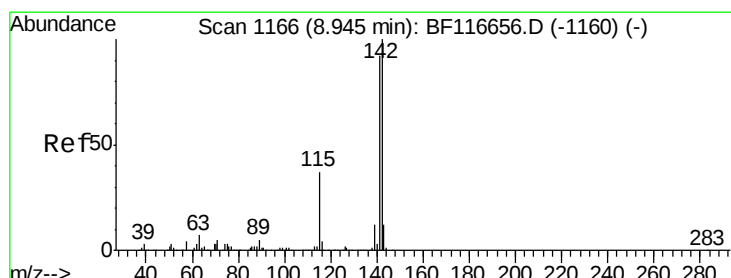
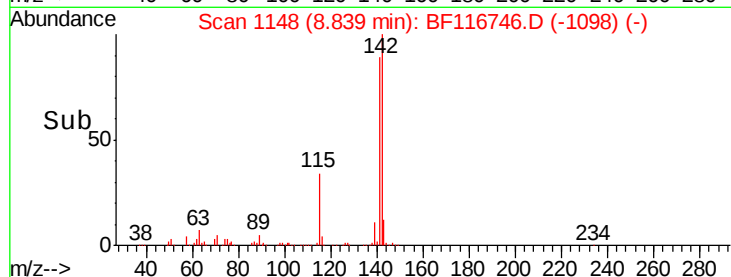
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

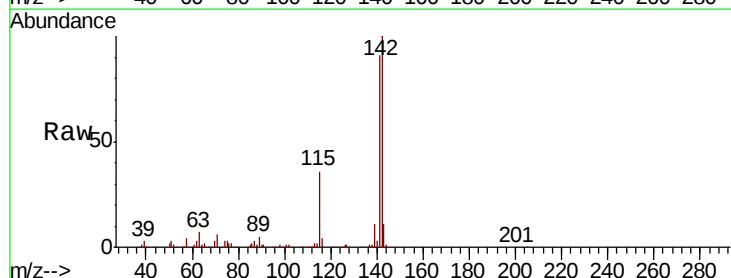


Time-->



#38
1-Methylnaphthalene
Concen: 40.620 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.6	3.0	4.6

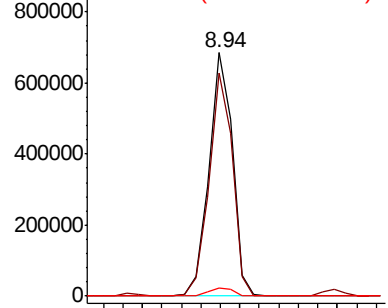


Abundance

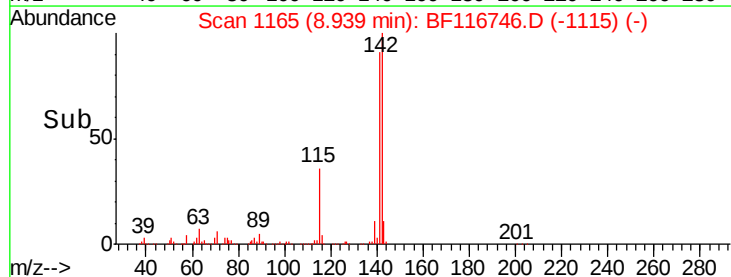
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





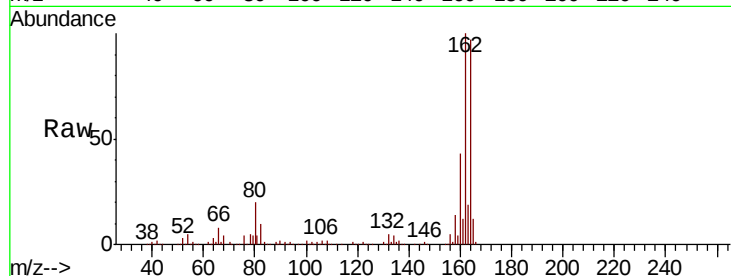
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	234654		
162	103.2	81.4	122.0	
160	44.8	35.4	53.2	

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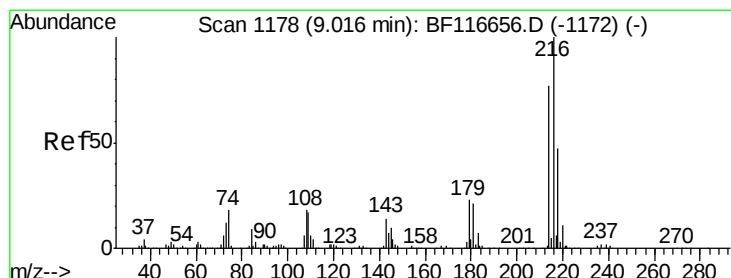
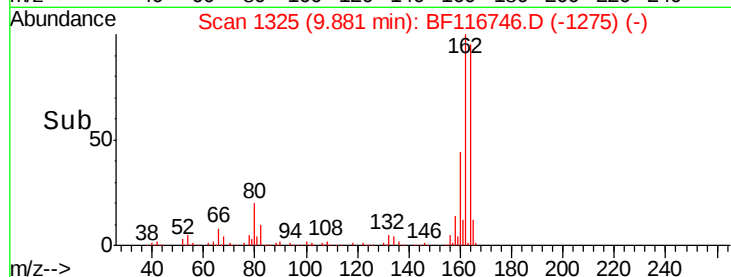
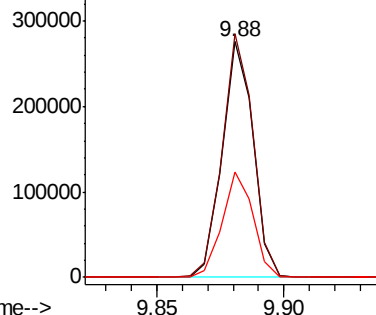


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.294 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	232283		
214	79.7	62.7	94.1	
179	22.9	19.3	28.9	
108	22.2	16.6	25.0	

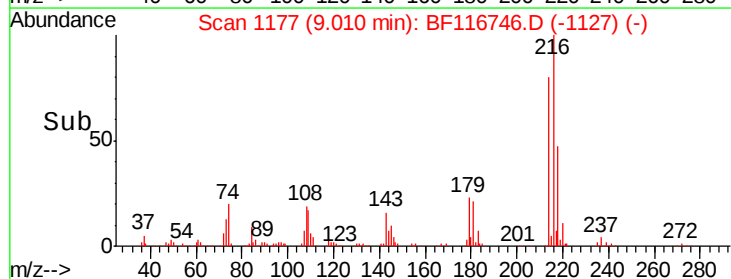
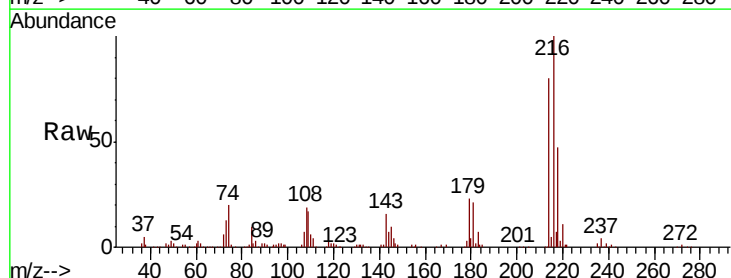
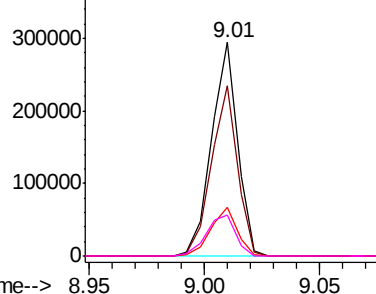
Abundance

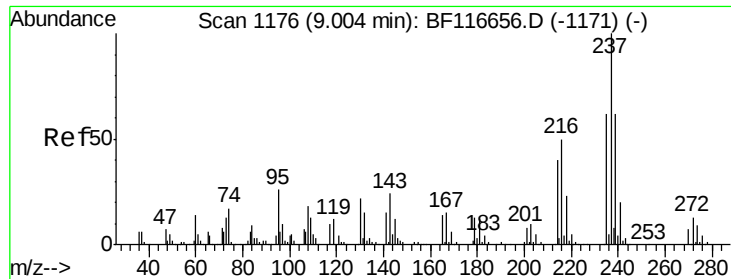
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





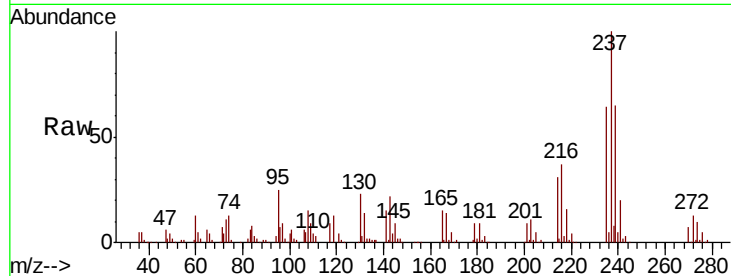
#41
Hexachlorocyclopentadiene
Concen: 30.925 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

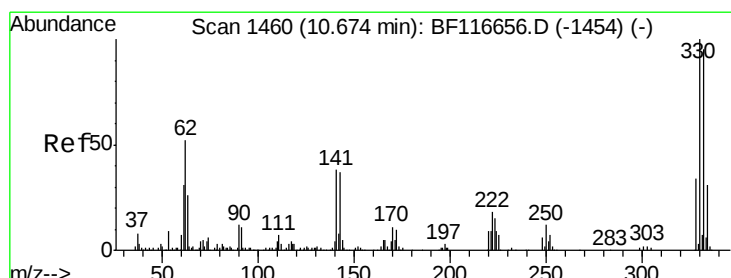
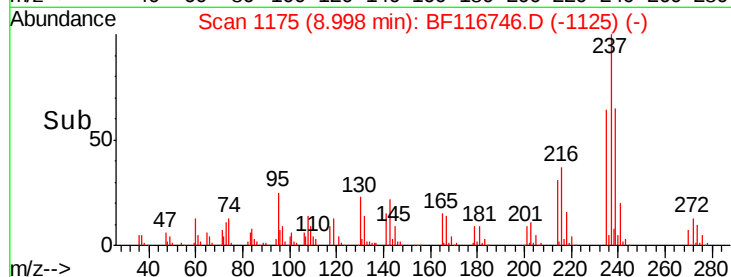
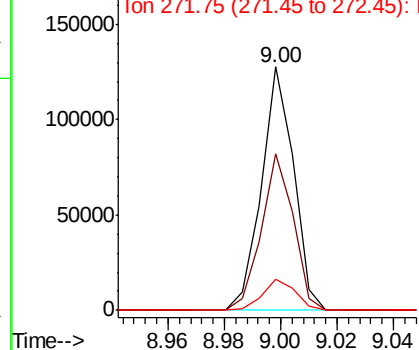
Tot Ion:	237	Resp:	100454
Ion Ratio	Lower	Upper	
237	100		
235	64.2	41.4	81.4
272	12.6	0.0	32.8

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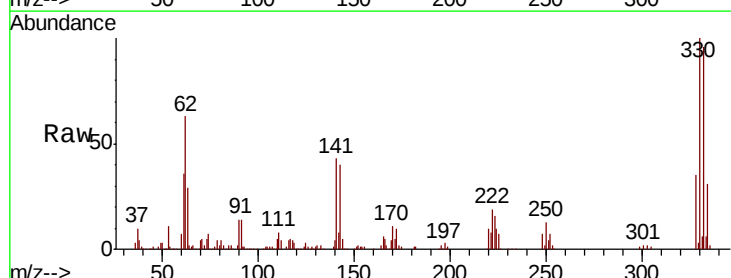


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

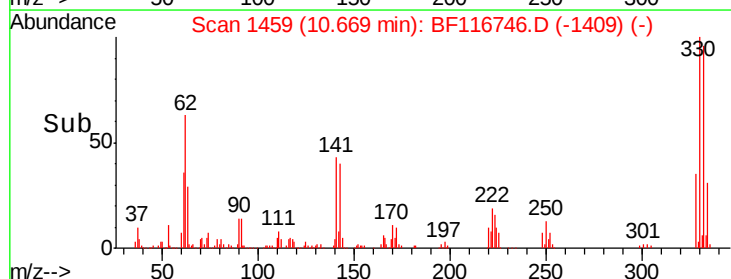
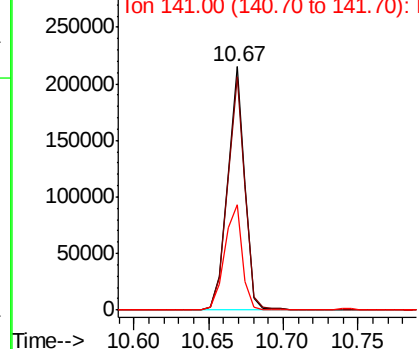


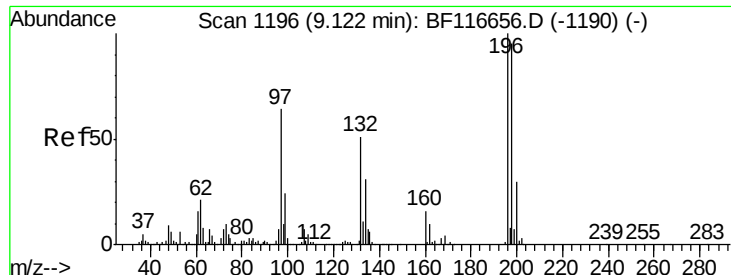
#42
2,4,6-Tribromophenol
Concen: 111.949 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion:	330	Resp:	175616
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.9	115.3
141	44.5	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





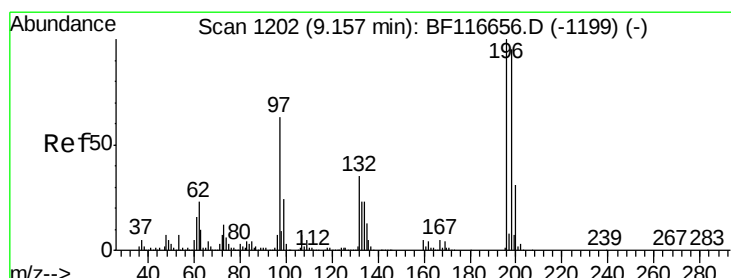
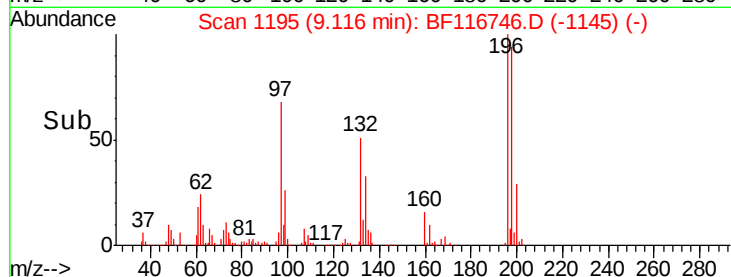
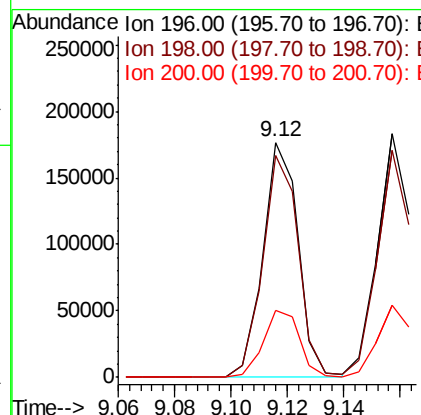
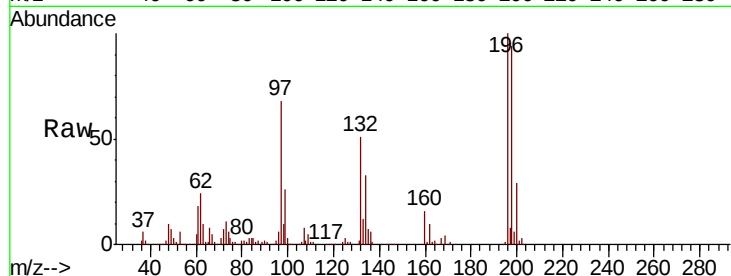
#43
 2,4,6-Trichlorophenol
 Concen: 39.596 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

Tot Ion:196	Resp:	152680
Ion Ratio	Lower	Upper
196	100	
198	94.4	79.1 118.7
200	28.5	24.0 36.0

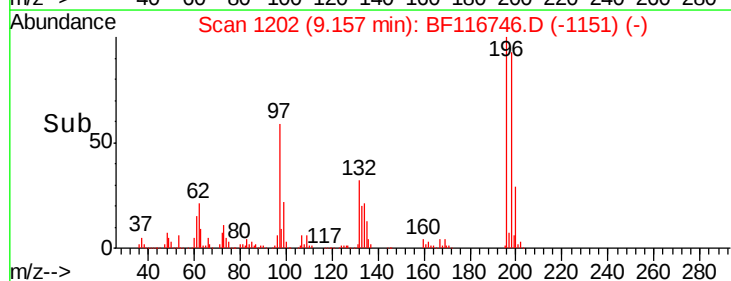
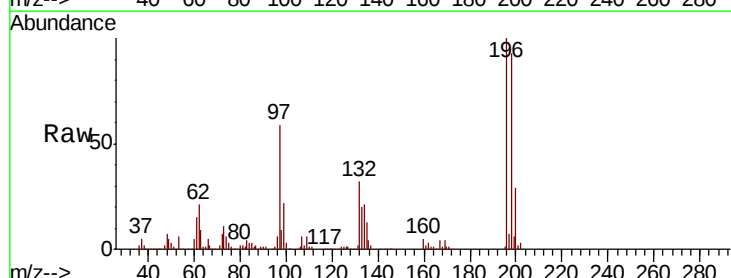
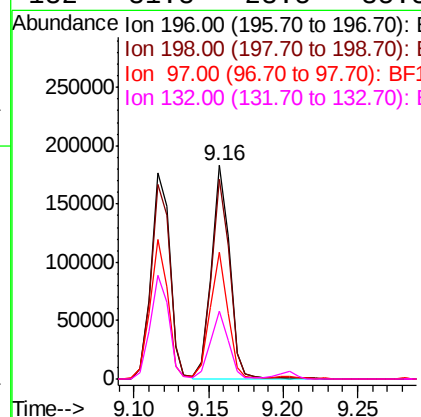
Manual Integrations
 APPROVED

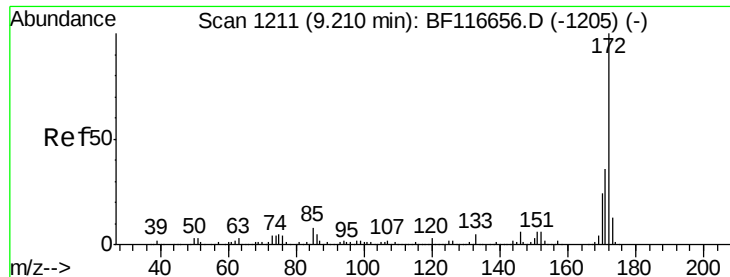
mohammad
 9/5/2019 9:54:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.765 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Tgt Ion:196	Resp:	155182
Ion Ratio	Lower	Upper
196	100	
198	93.3	78.1 117.1
97	59.1	41.6 62.4
132	31.8	23.5 35.3





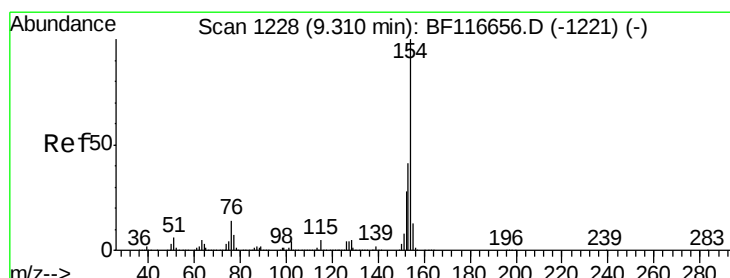
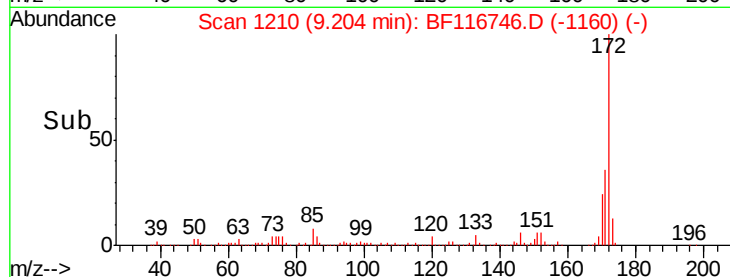
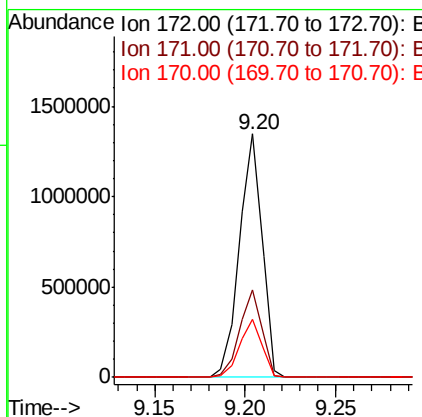
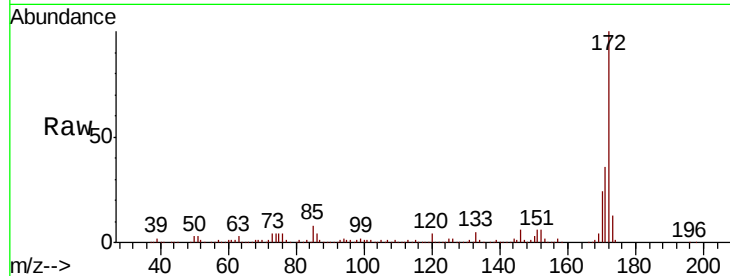
#45
2-Fluorobiphenyl
Concen: 84.015 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	23.7	18.9	28.3

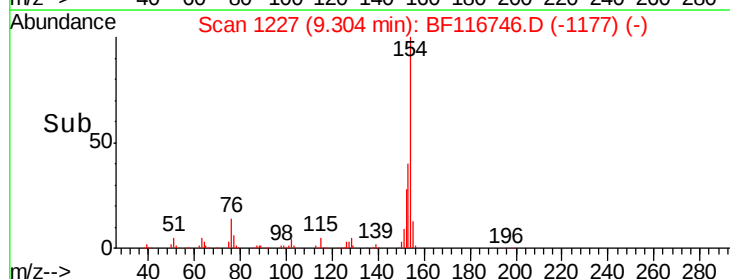
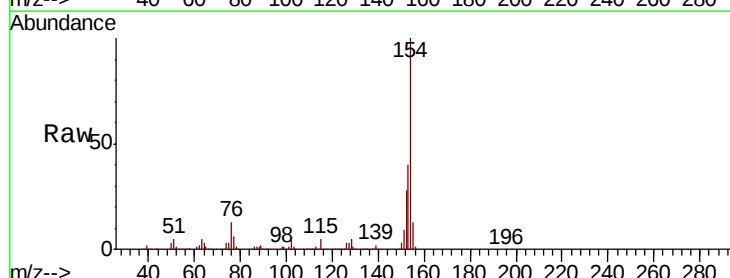
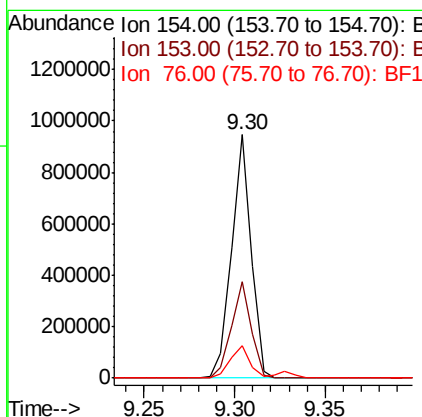
Manual Integrations
APPROVED

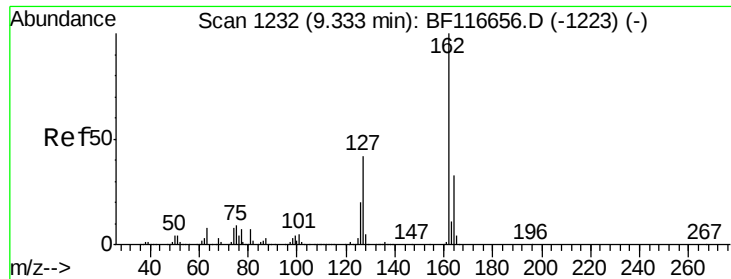
mohammad
9/5/2019 9:54:37 AM



#46
1,1'-Biphenyl
Concen: 40.143 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	13.5	0.0	30.9





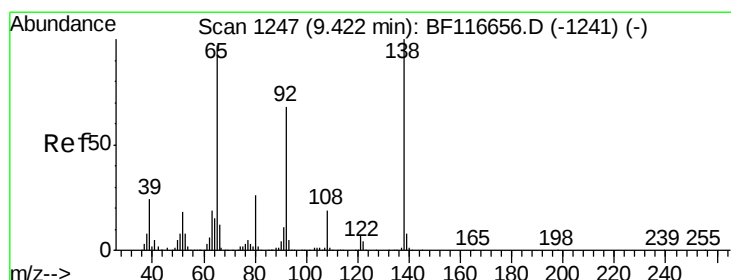
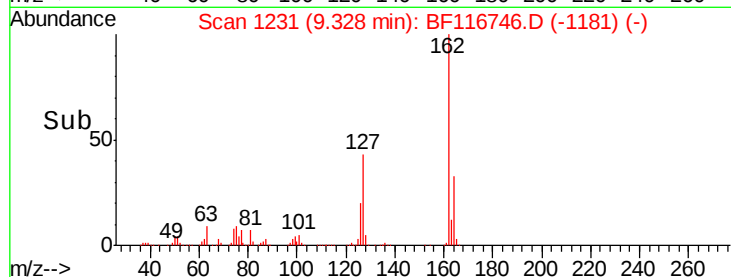
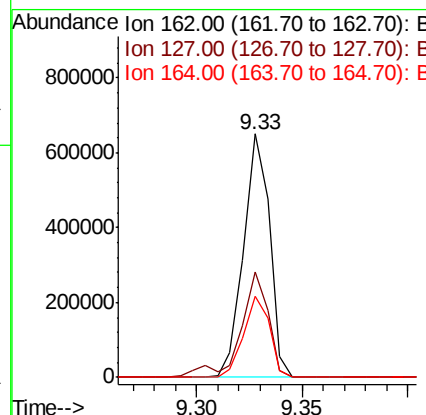
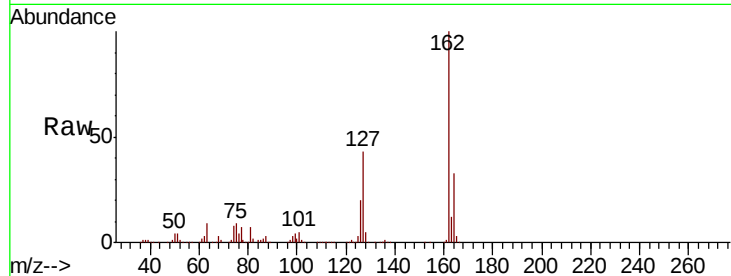
#47
2-Chloronaphthalene
Concen: 39.266 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	553769		
127	43.0		33.4	50.2
164	33.2		26.6	39.8

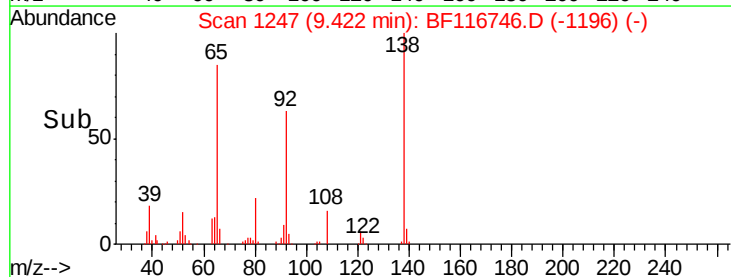
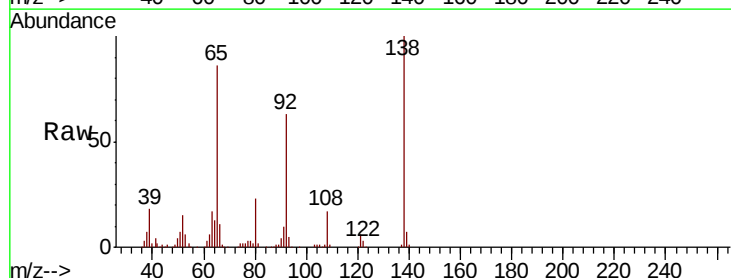
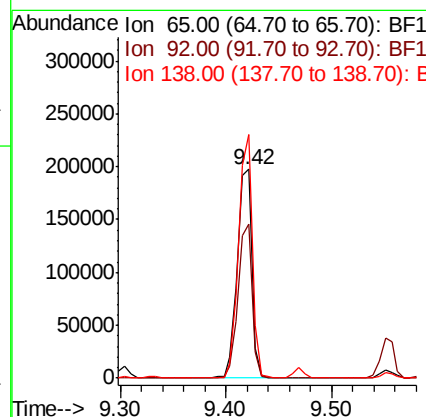
Manual Integrations
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9/5/2019 9:54:37 AM



#48
2-Nitroaniline
Concen: 46.319 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	188852		
92	73.5		57.1	85.7
138	116.7		88.2	132.2





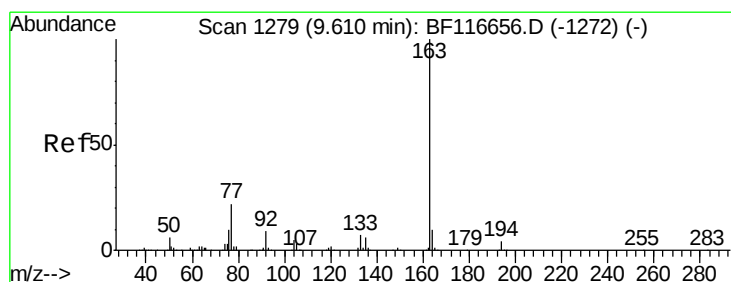
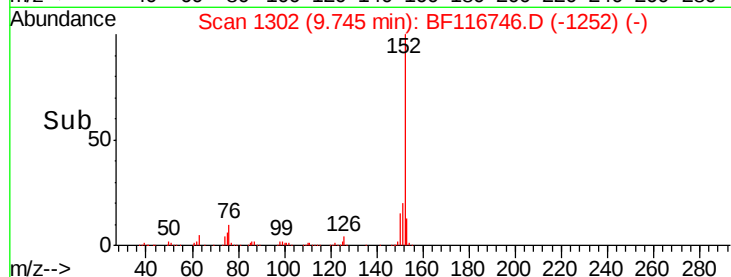
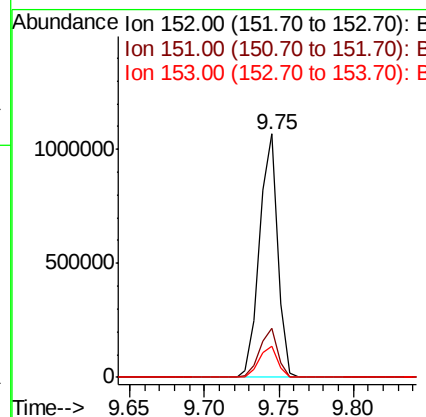
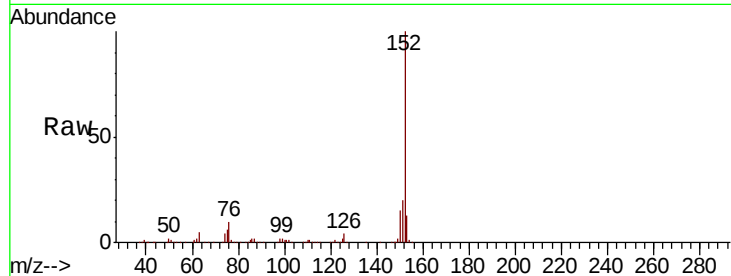
#49
Acenaphthylene
Concen: 41.747 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		889974		
151	20.2	15.9	23.9		
153	12.9	10.9	16.3		

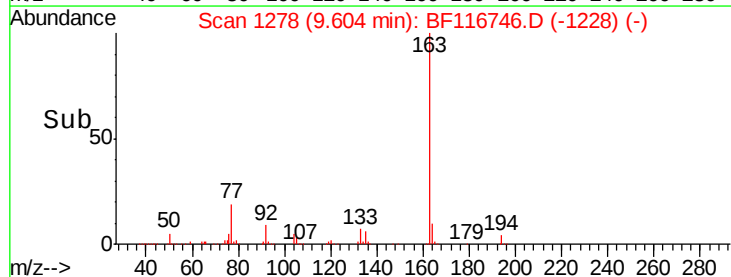
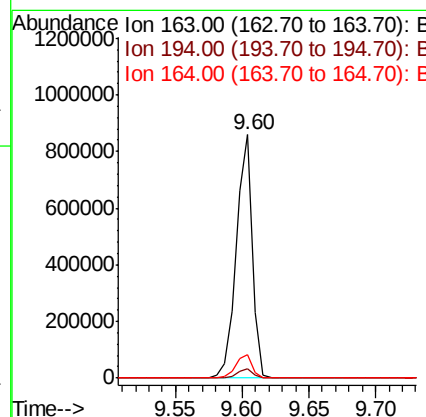
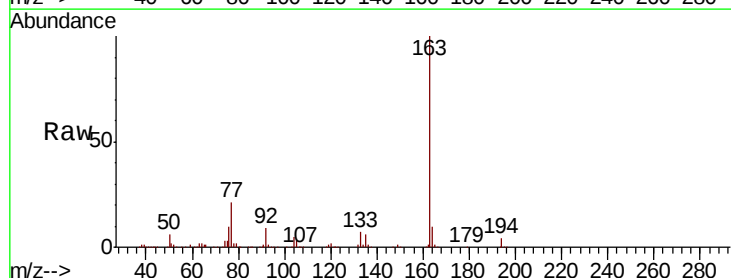
Manual Integrations
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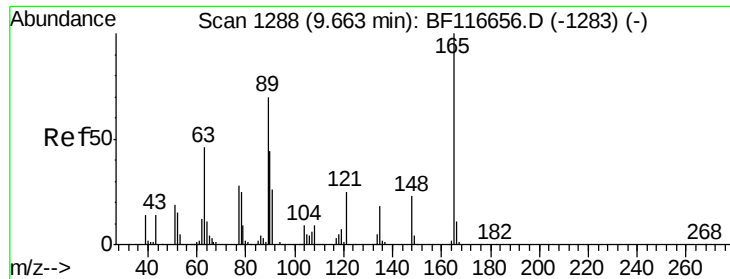
mohammad
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#50
Dimethylphthalate
Concen: 45.106 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		730741		
194	3.8	2.8	4.2		
164	9.9	8.6	12.8		





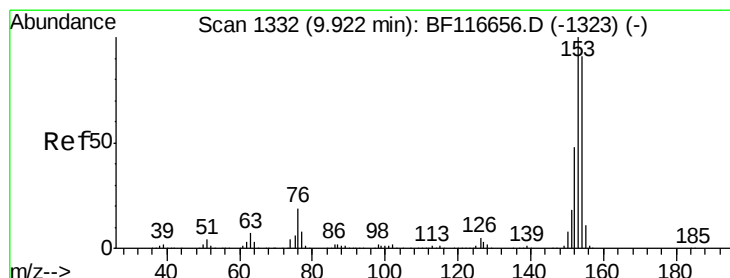
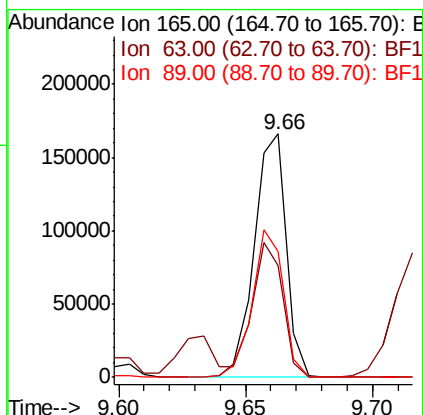
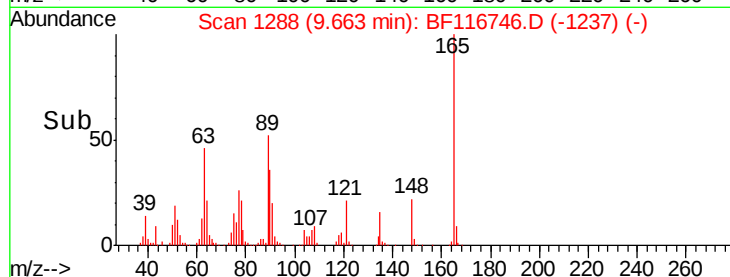
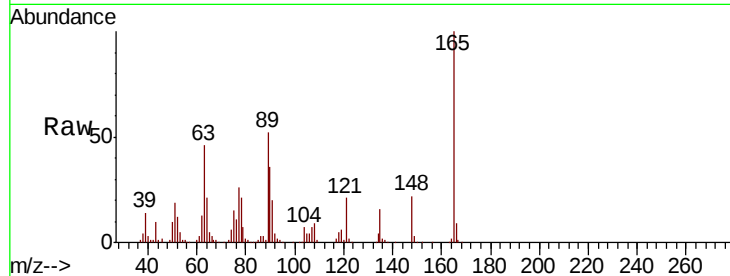
#51
2,6-Dinitrotoluene
Concen: 47.151 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	145741		
63	46.1	47.3	70.9#	
89	51.7	52.5	78.7#	

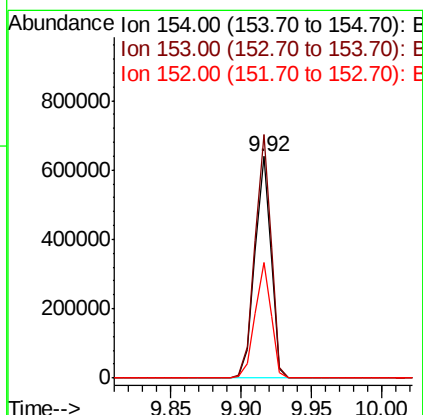
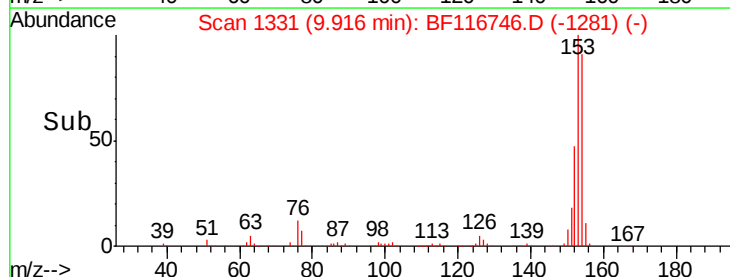
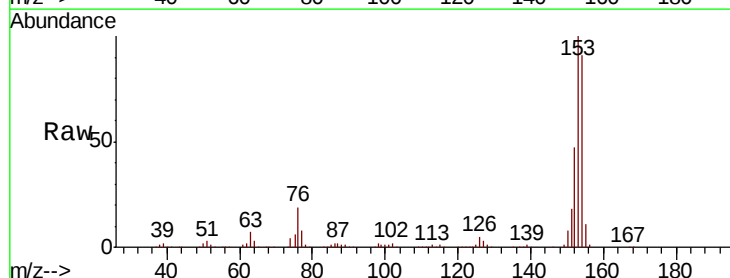
Manual Integrations
APPROVED

mohammad
9/5/2019 9:54:37 AM



#52
Acenaphthene
Concen: 39.605 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	518781		
153	110.0	89.5	134.3	
152	52.0	41.9	62.9	





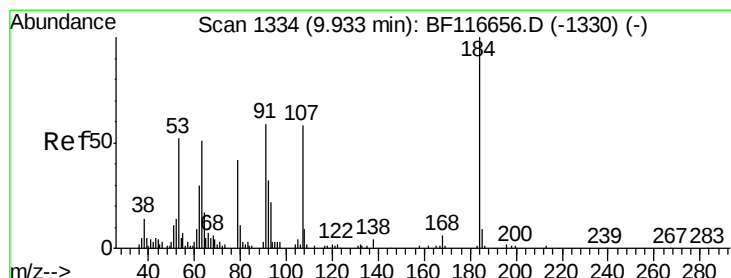
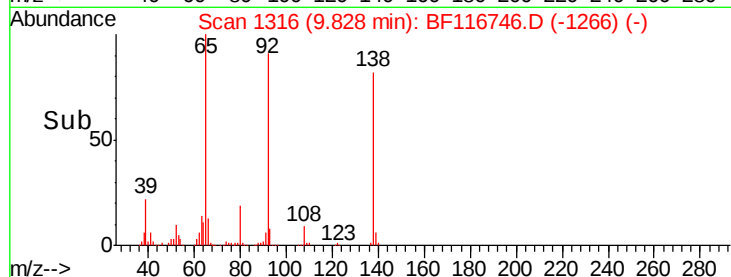
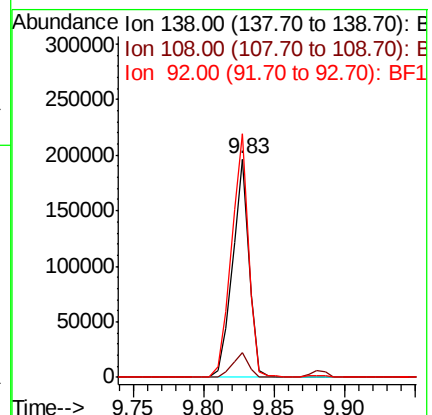
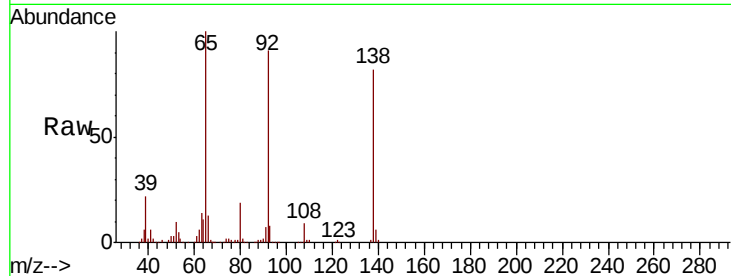
#53
3-Nitroaniline
Concen: 41.453 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.5	12.7
92	111.7	87.2	130.8

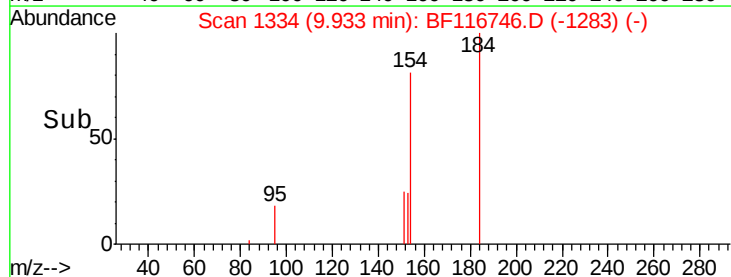
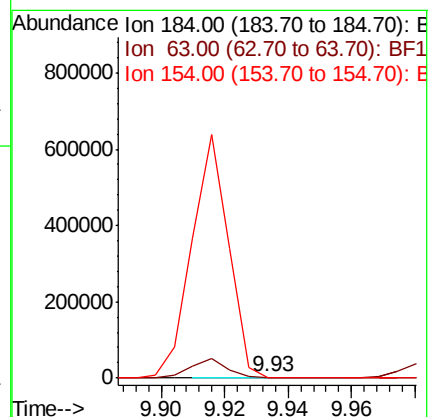
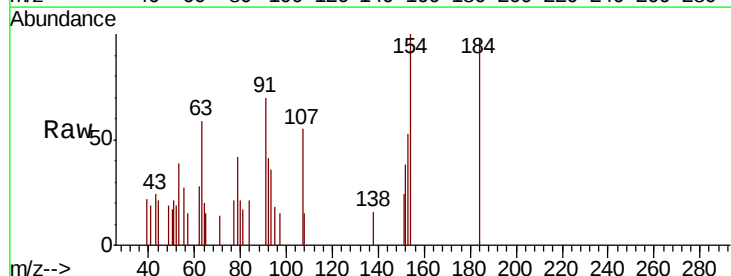
Manual Integrations
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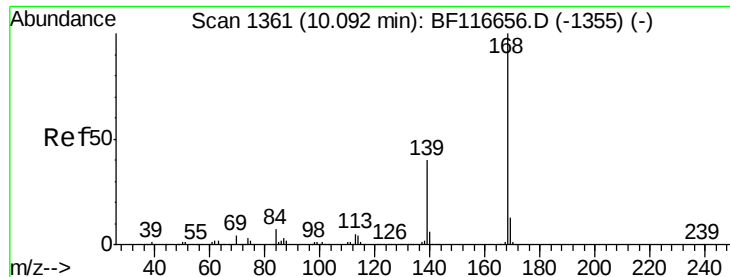
mohammad
9/5/2019 9:54:37 AM



#54
2,4-Dinitrophenol
Concen: 10.708 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	52.2	78.2
154	101.6	60.8	91.2#





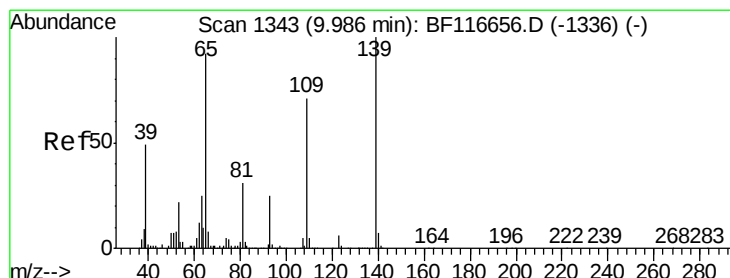
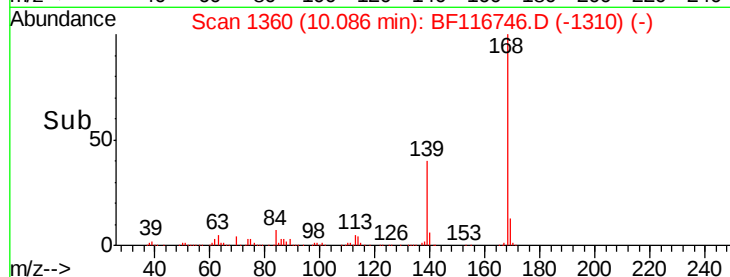
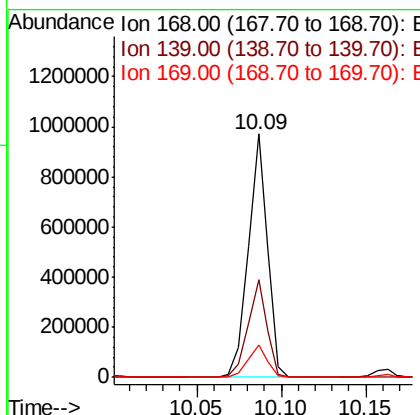
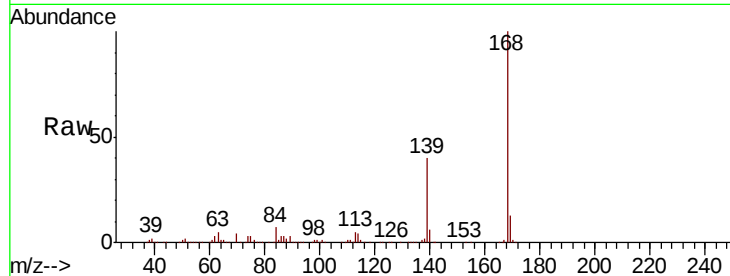
#55
Dibenzofuran
Concen: 41.790 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.5	47.3
169	13.4	10.3	15.5

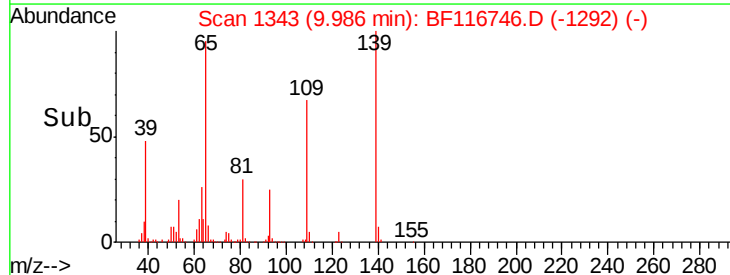
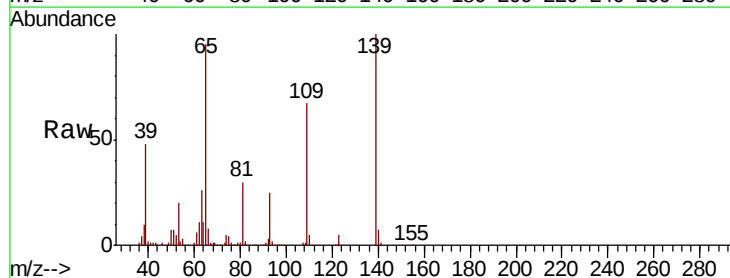
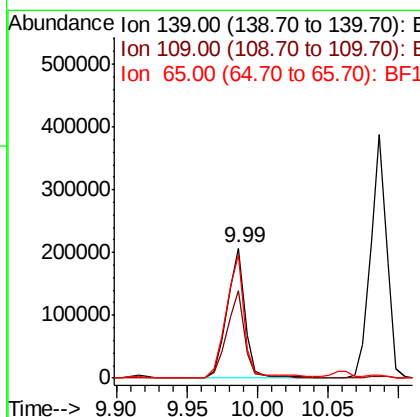
Manual Integrations
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mohammad
9/5/2019 9:54:37 AM



#56
4-Nitrophenol
Concen: 69.457 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	61.7	101.7
65	94.8	89.1	129.1





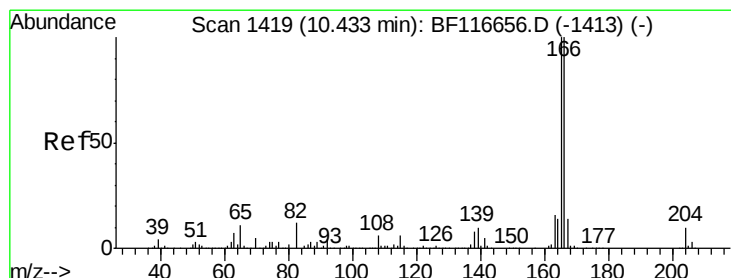
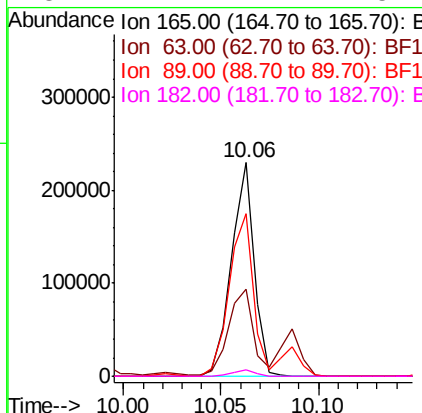
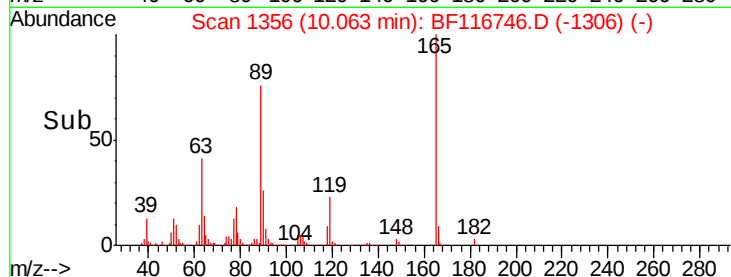
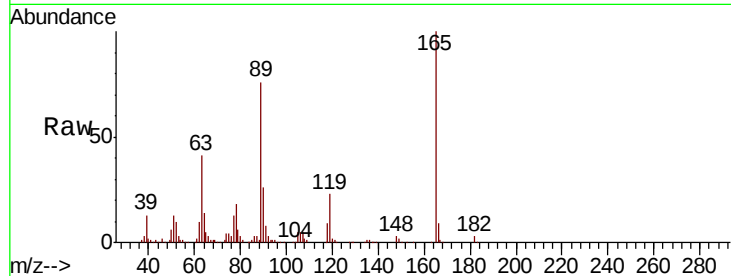
#57
2,4-Dinitrotoluene
Concen: 49.158 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		185790		
63	40.9	36.4	54.6		
89	76.1	62.6	94.0		
182	2.7	2.1	3.1		

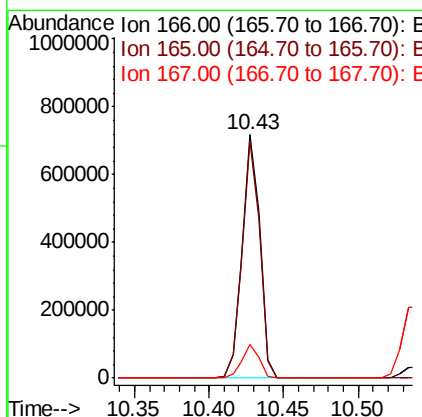
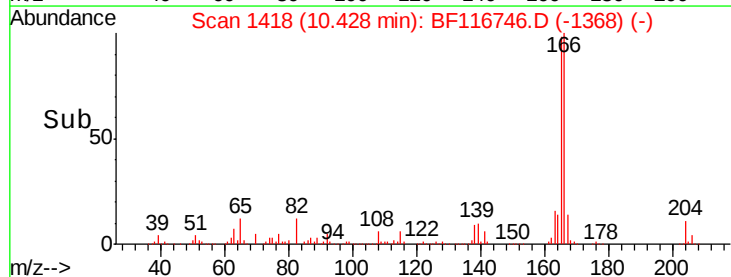
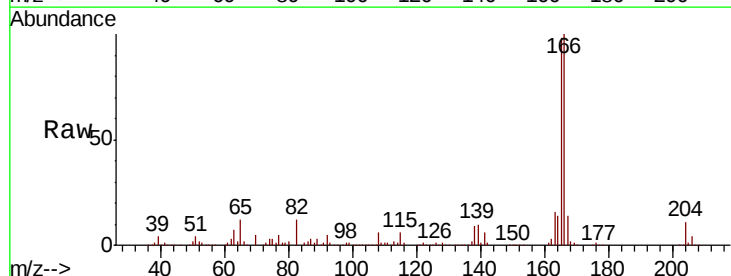
Manual Integrations
APPROVED

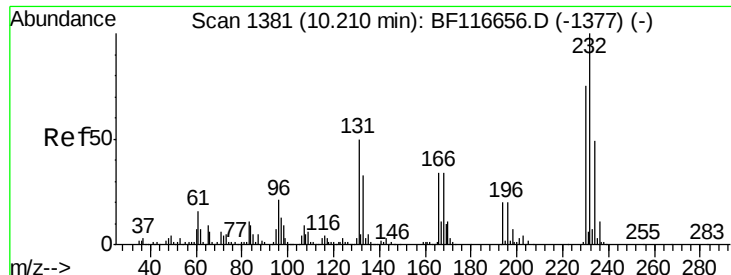
mohammad
9/5/2019 9:54:37 AM



#58
Fluorene
Concen: 42.090 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		592204		
165	97.6	78.8	118.2		
167	13.7	10.0	15.0		





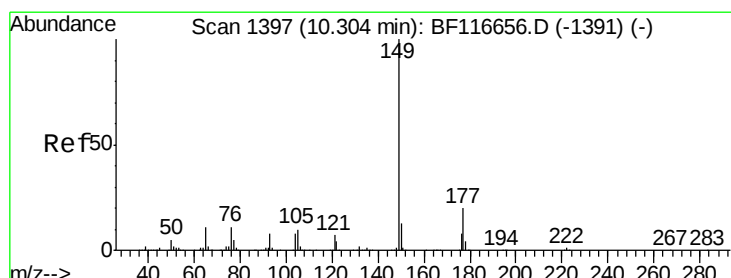
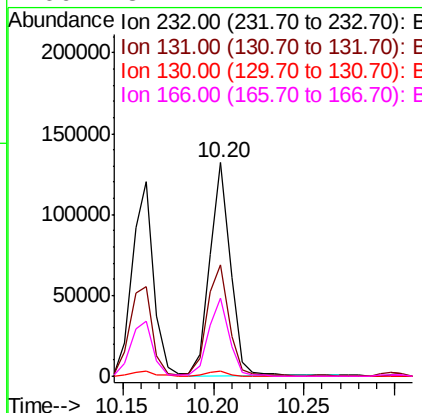
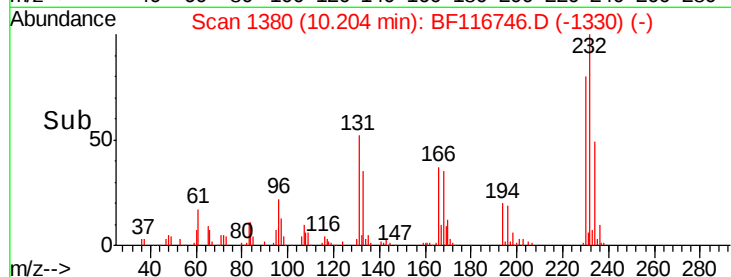
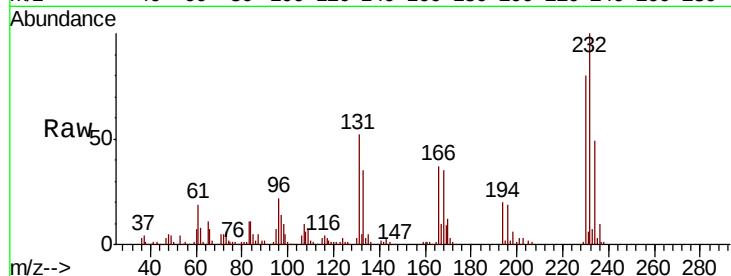
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.102 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	104303		
131	54.8	42.7	64.1	
130	2.6	1.9	2.9	
166	37.2	27.4	41.2	

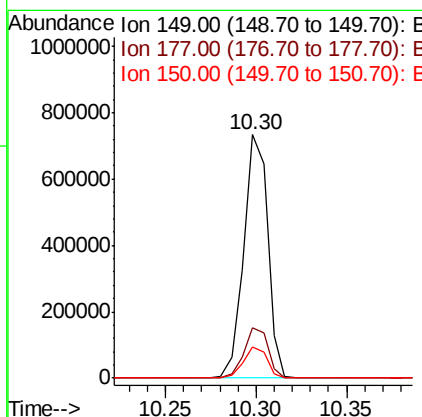
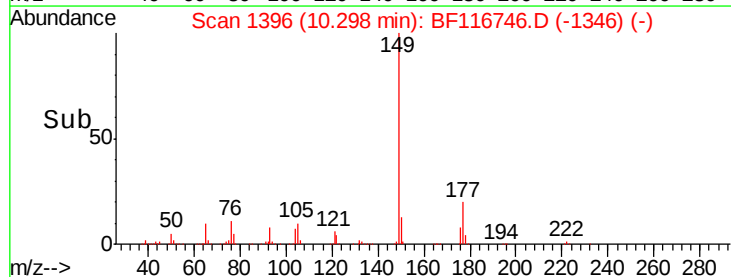
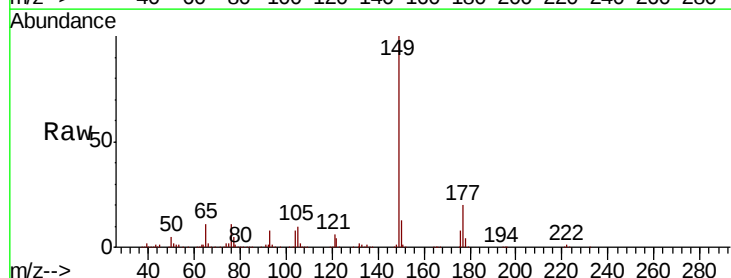
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#60
 Diethylphthalate
 Concen: 41.639 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	675712		
177	20.4	17.2	25.8	
150	12.6	9.7	14.5	





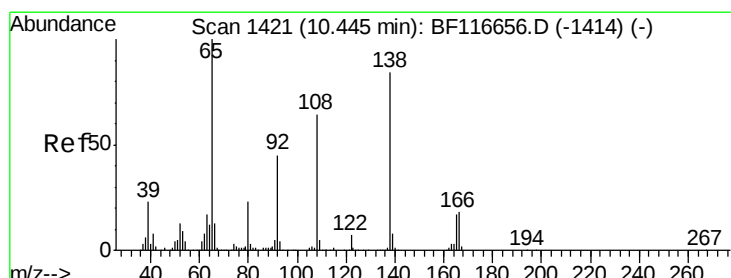
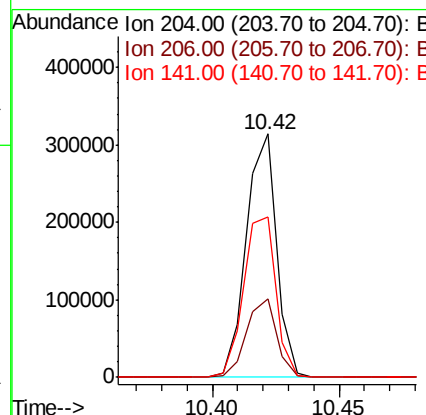
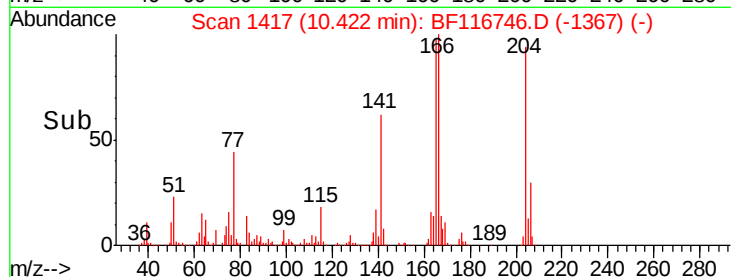
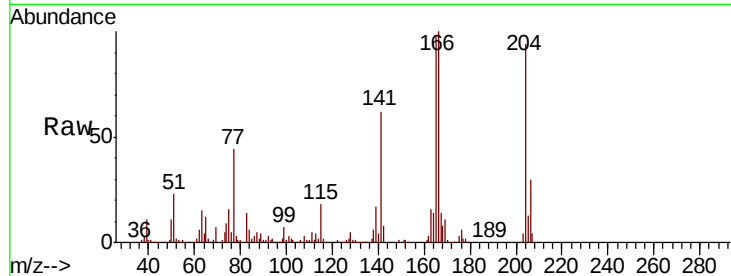
#61
4-Chlorophenyl-phenylether
Concen: 42.198 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.4	38.2
141	65.8	53.8	80.8

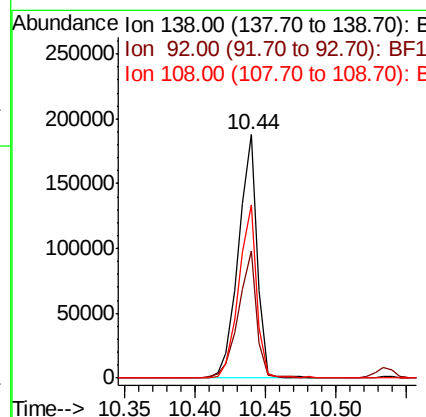
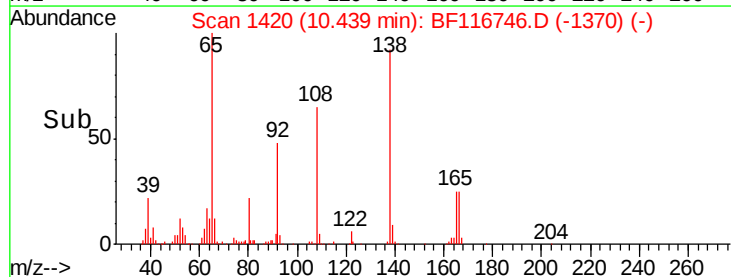
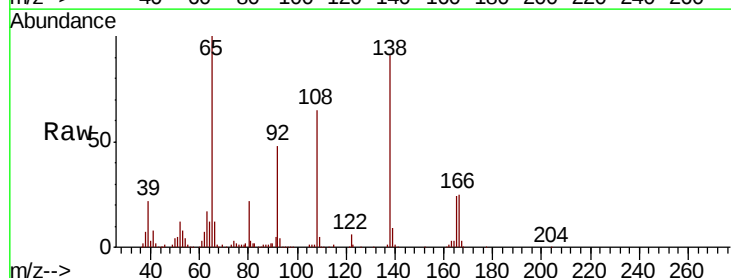
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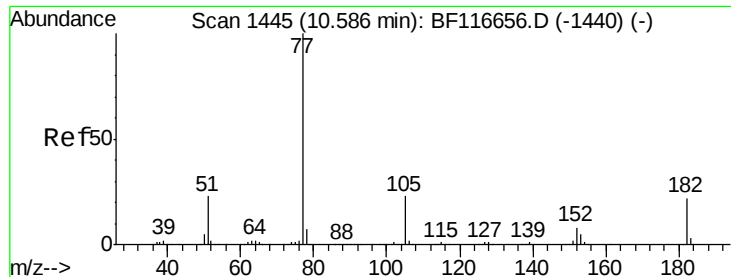
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#62
4-Nitroaniline
Concen: 46.167 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	28.7	68.7
108	71.0	60.4	100.4





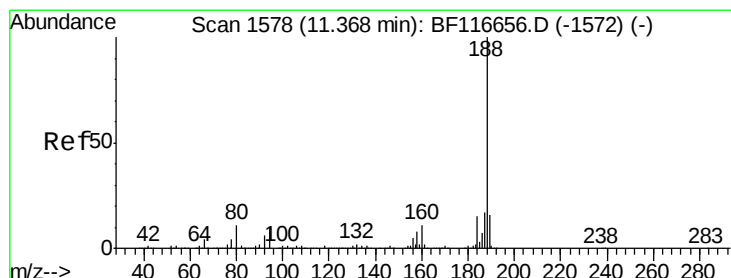
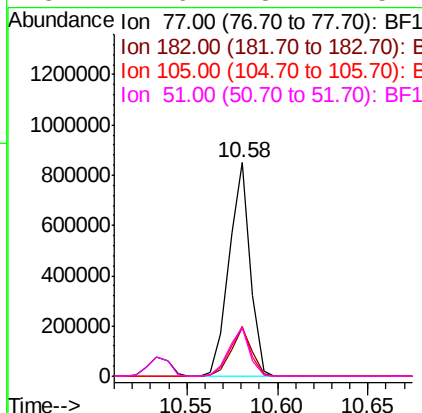
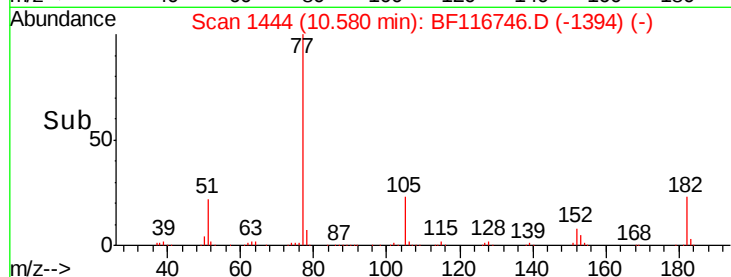
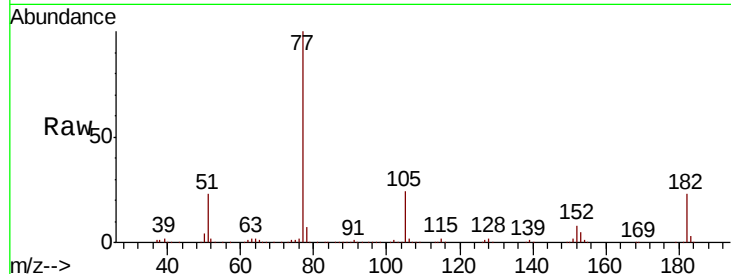
#63
Azobenzene
Concen: 40.658 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		687976		
182	22.8	1.2	41.2		
105	23.6	0.6	40.6		
51	22.6	8.2	48.2		

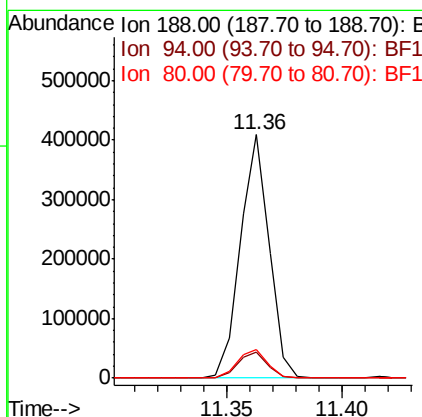
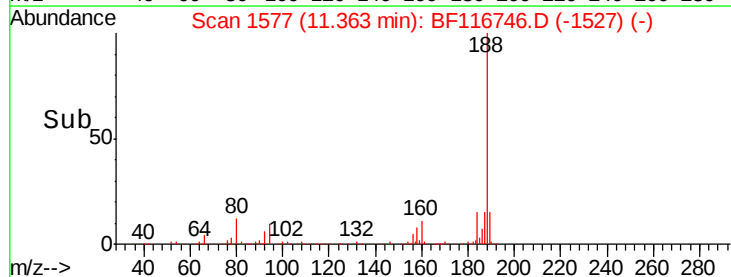
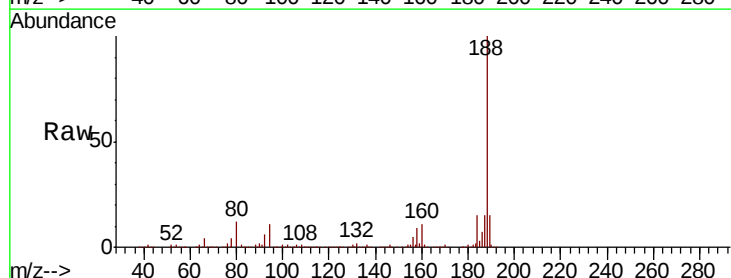
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		356162		
94	10.6	7.3	10.9		
80	11.7	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 9.516 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Instrument :

BNA_F

ClientSampleId :

T9-12-13-C-(0-1.9)MSD

Tot Ion:198 Resp: 3206

Ion Ratio Lower Upper

198 100

51 45.4 18.4 58.4

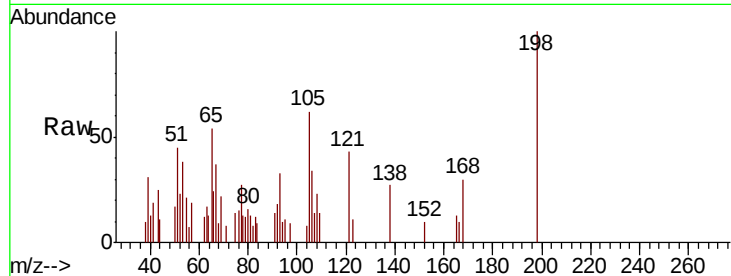
105 61.8 22.9 62.9

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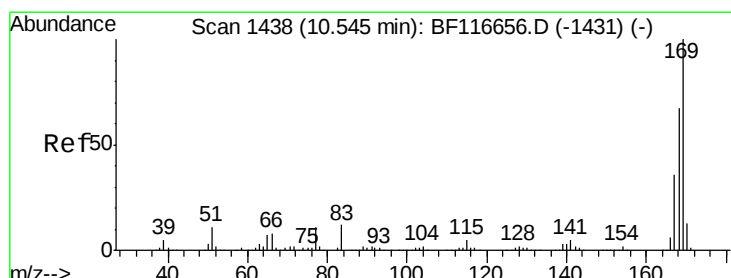
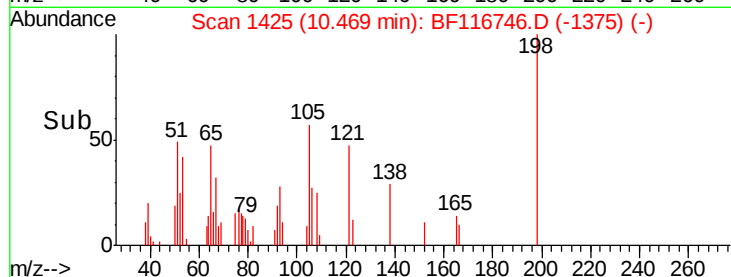
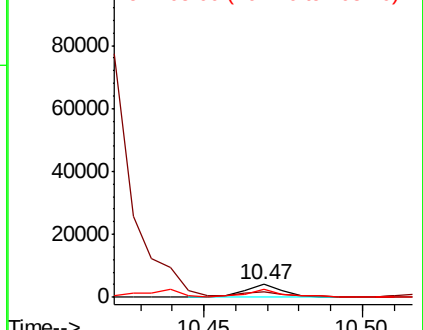
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.158 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tgt Ion:169 Resp: 544067

Ion Ratio Lower Upper

169 100

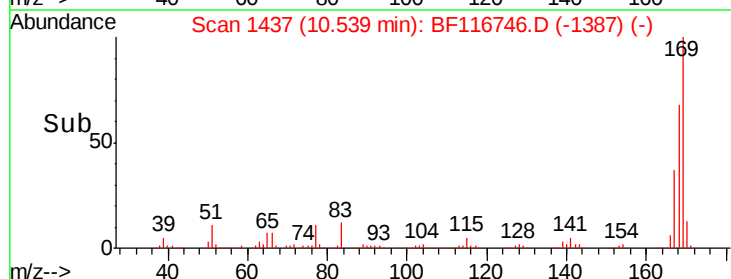
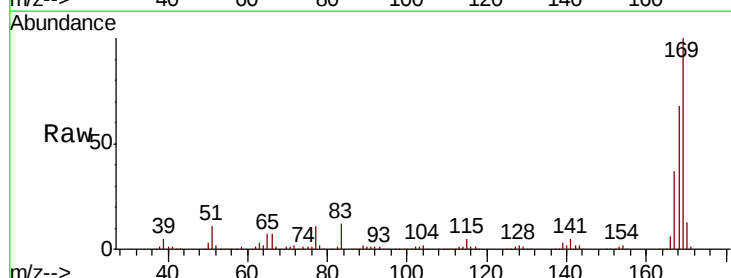
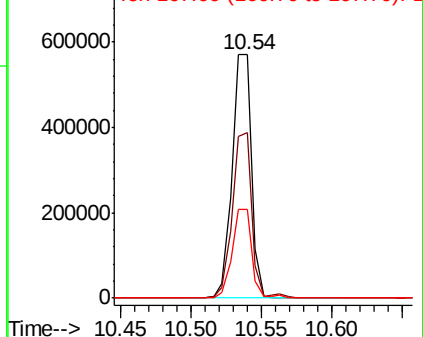
168 67.9 55.8 83.6

167 36.7 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





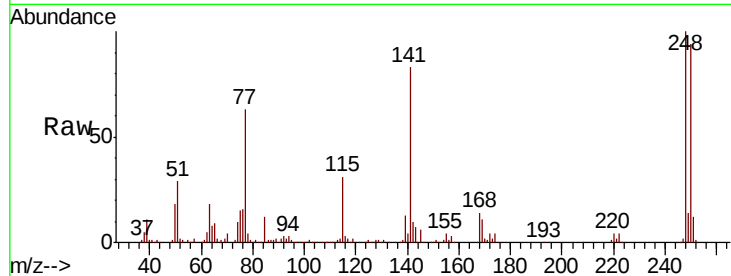
#67
4-Bromophenyl-phenylether
Concen: 43.275 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.8	116.8
141	82.7	75.9	113.9

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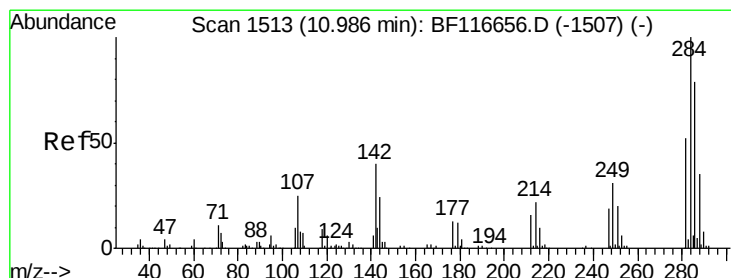
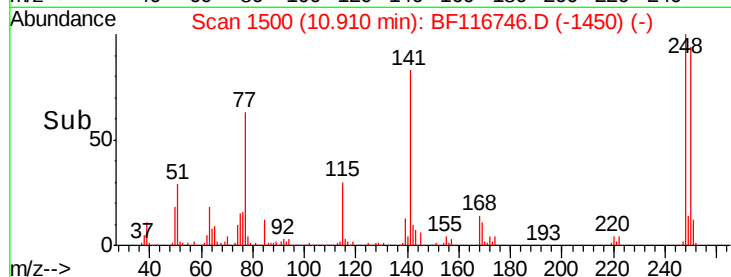
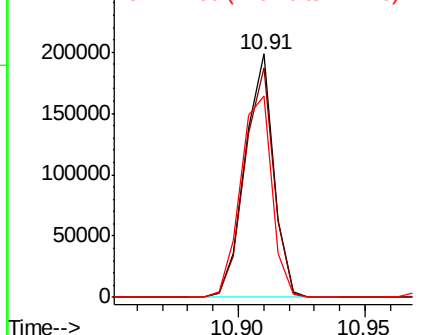


Abundance

Ion 248.00 (247.70 to 248.70): E

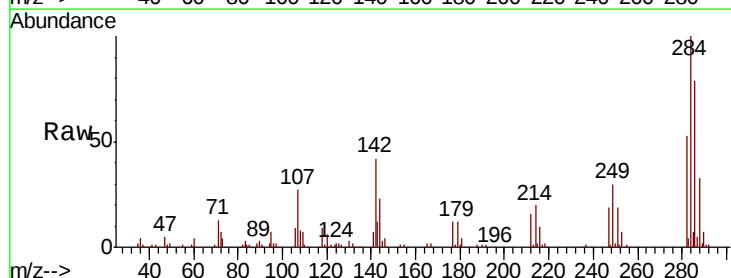
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.735 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.1	34.0	51.0
249	30.2	26.4	39.6

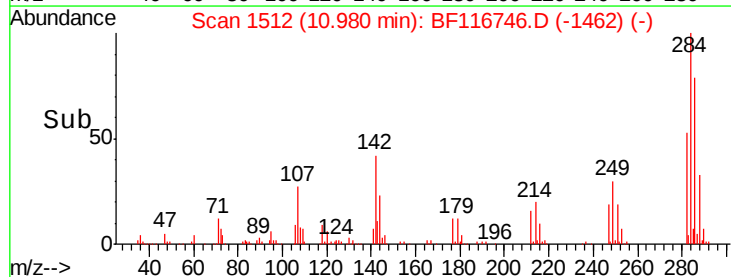
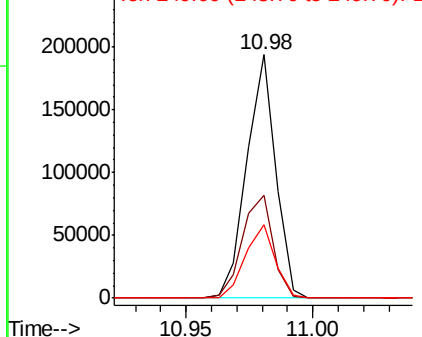


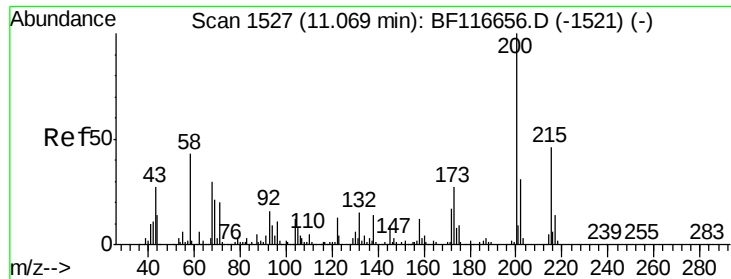
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





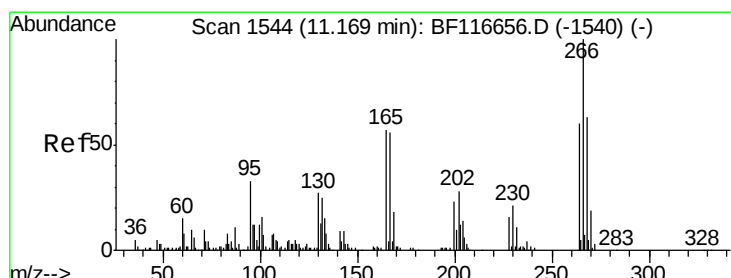
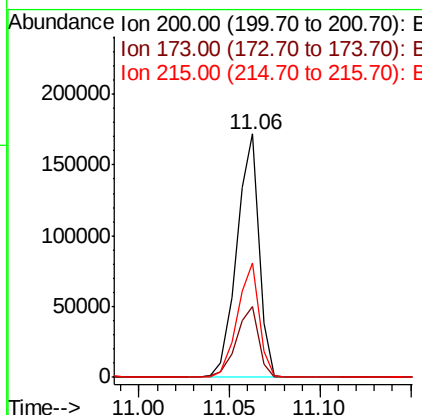
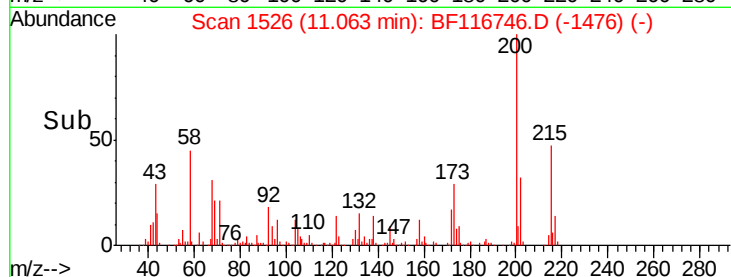
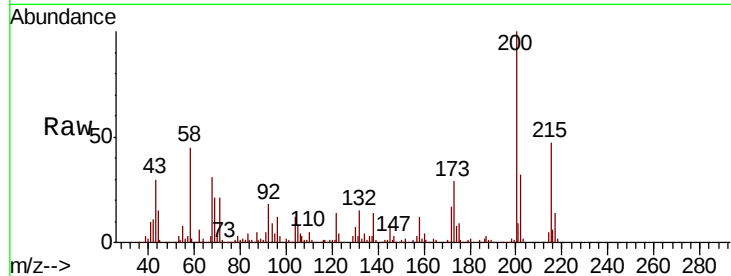
#69
Atrazine
Concen: 42.351 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	6.2	46.2
215	46.8	24.3	64.3

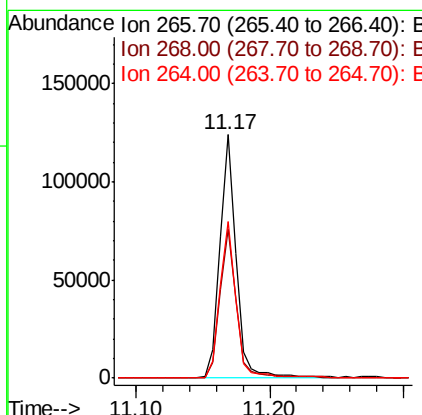
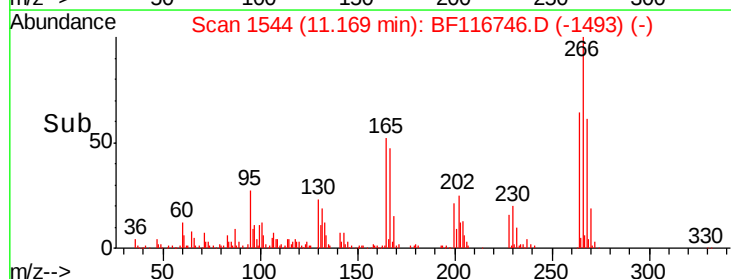
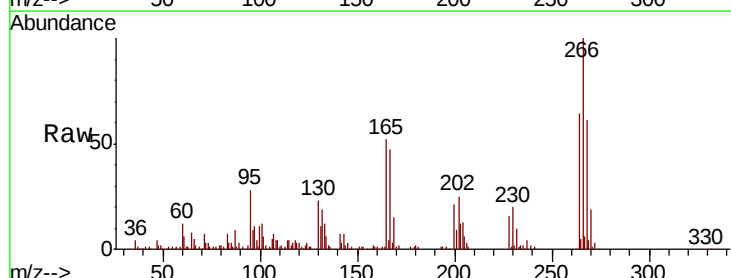
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#70
Pentachlorophenol
Concen: 59.445 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.4	51.2	76.8
264	64.1	51.9	77.9





#71

Phenanthrene

Concen: 44.619 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Instrument :

BNA_F

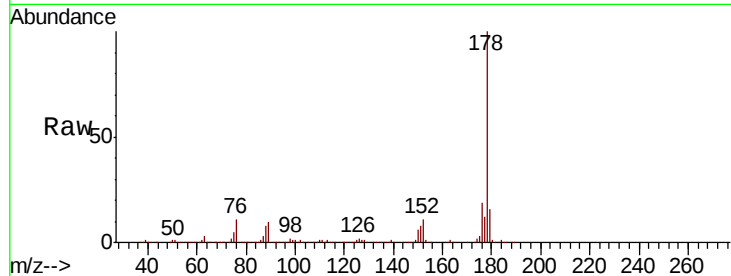
ClientSampleId :

T9-12-13-C-(0-1.9)MSD

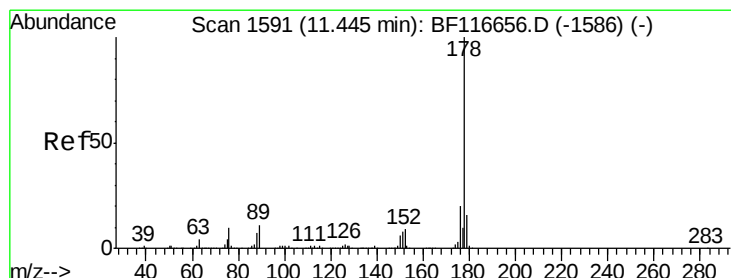
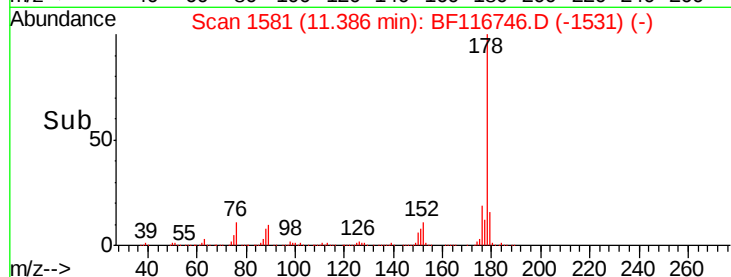
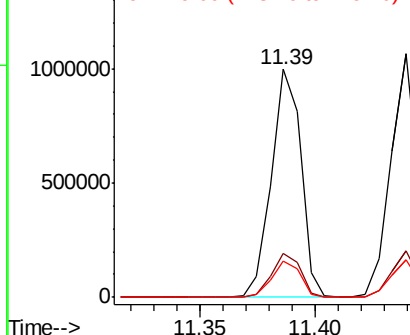
Tot Ion:178	Resp:	884619
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.4 23.0
179	16.1	12.2 18.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.282 ng

RT: 11.44 min Scan# 1590

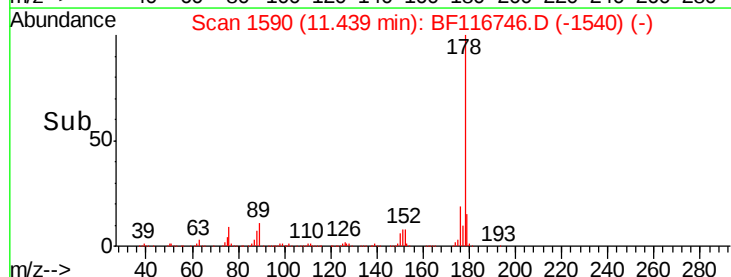
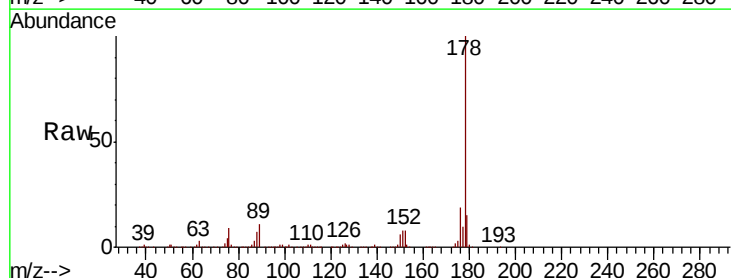
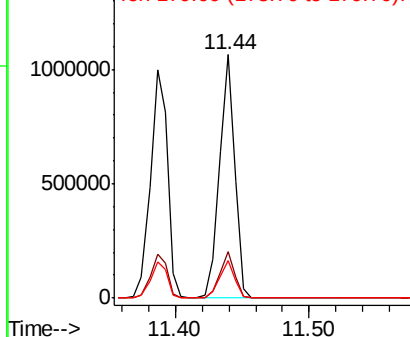
Delta R.T. -0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tgt Ion:178	Resp:	863809
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.4 23.0
179	15.4	12.5 18.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





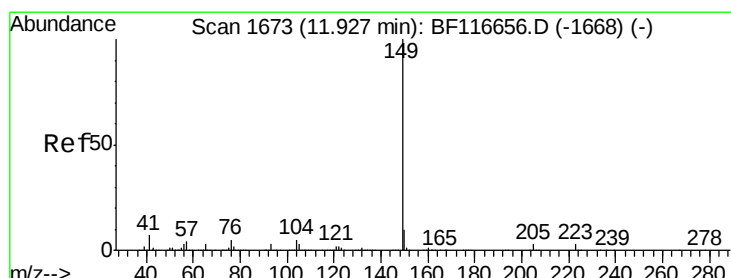
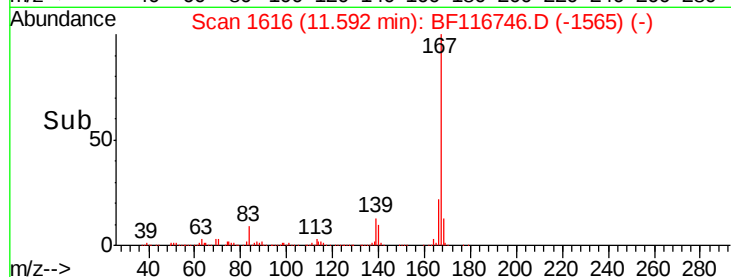
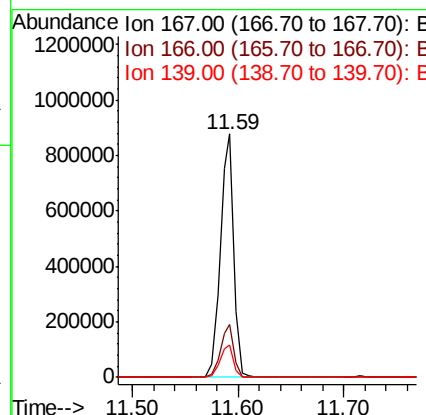
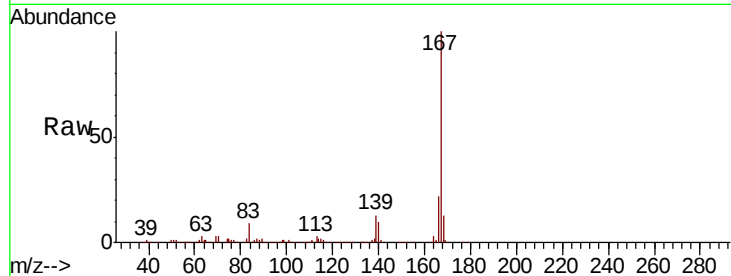
#73
 Carbazole
 Concen: 41.822 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.3	11.1	16.7

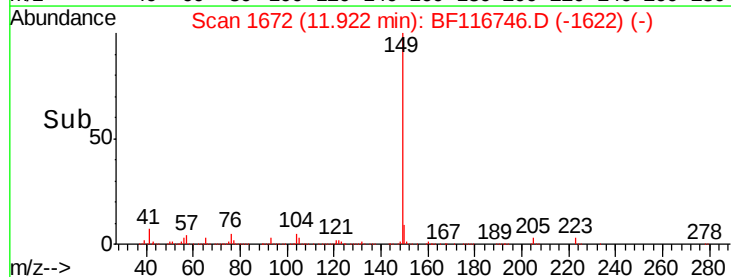
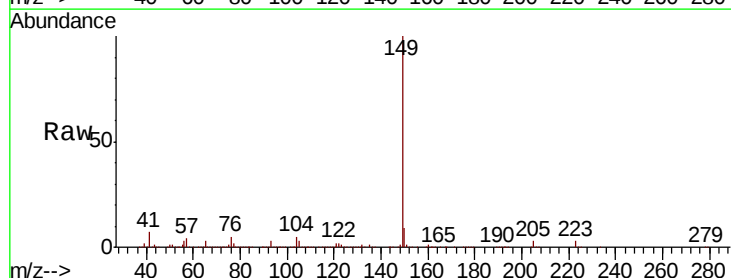
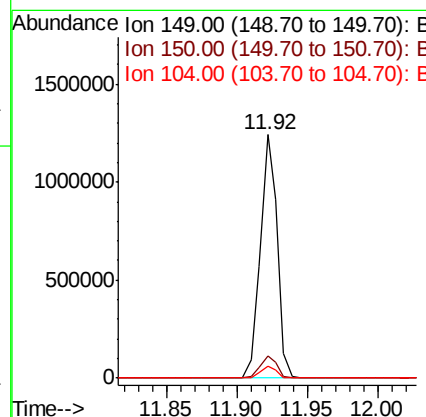
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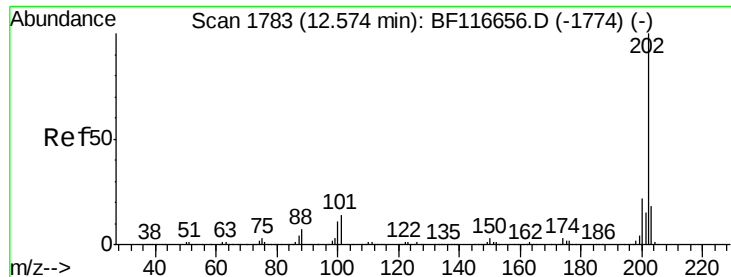
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#74
 Di-n-butylphthalate
 Concen: 42.750 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.1	4.2	6.2





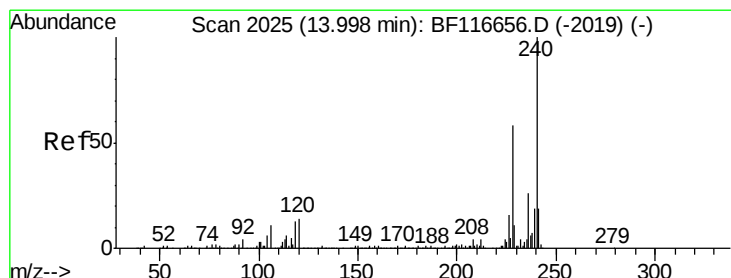
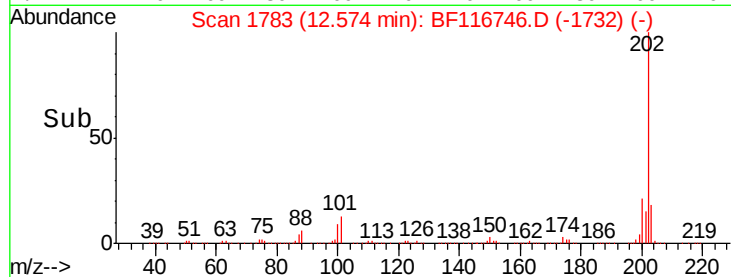
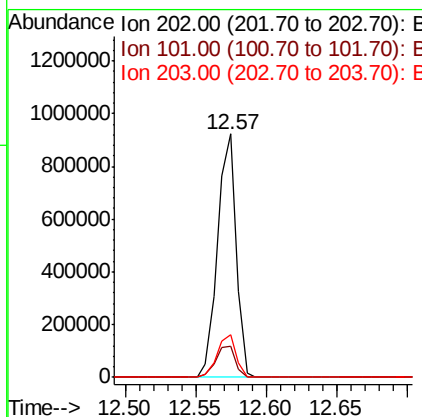
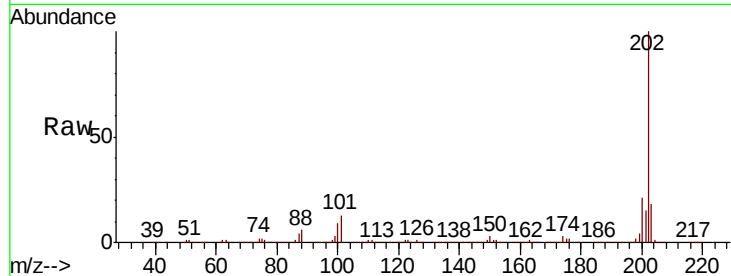
#75
 Fluoranthene
 Concen: 43.556 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		848662		
101	12.7	0.0	31.3		
203	17.8	0.0	37.6		

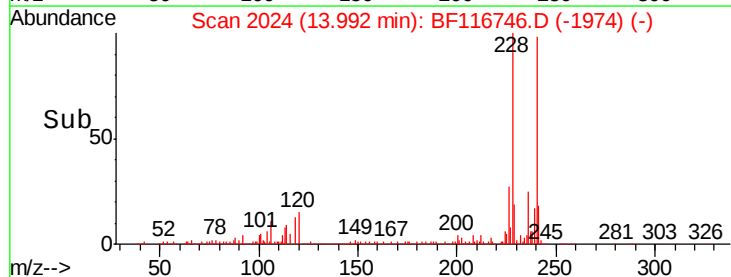
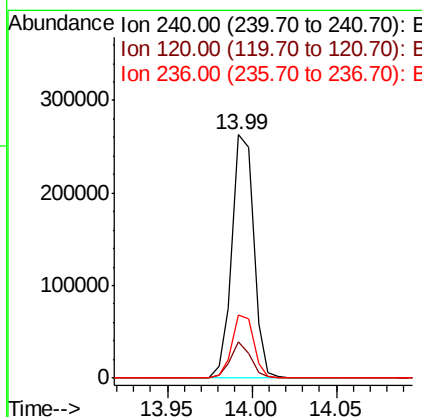
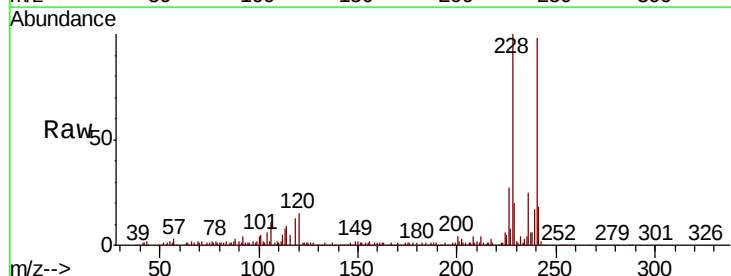
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116746.D
 Acq: 1 Sep 2019 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		236548		
120	15.0	9.1	13.7#		
236	25.9	21.1	31.7		





#77

Benzidine

Concen: 28.439 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Instrument :

BNA_F

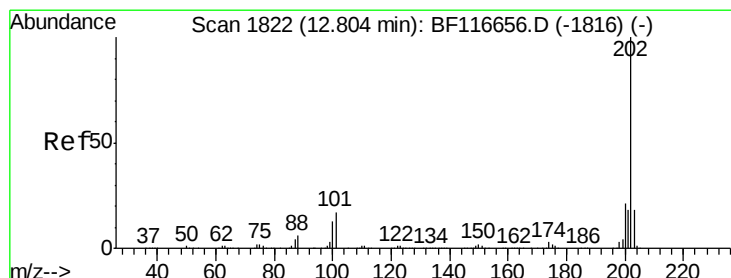
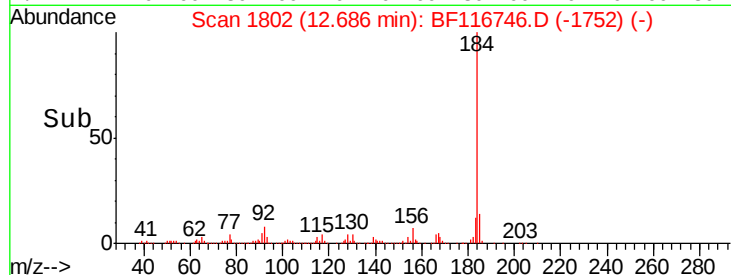
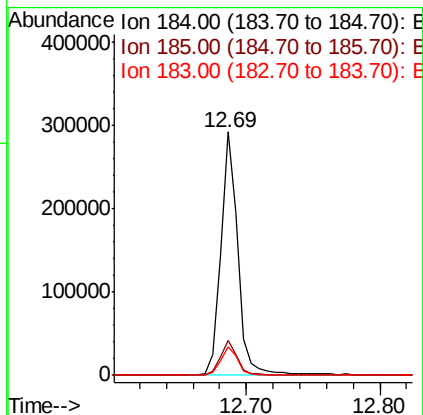
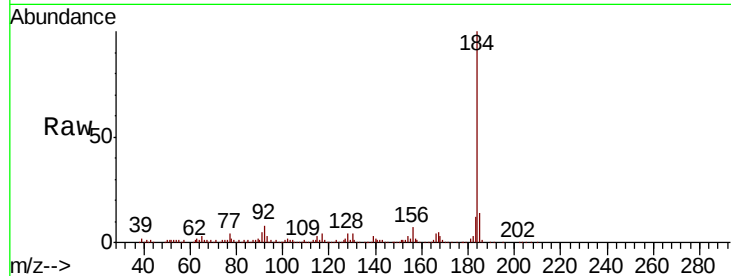
ClientSampleId :

T9-12-13-C-(0-1.9)MSD

Tot Ion:	184	Resp:	263857
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.3	16.9
183	11.9	9.2	13.8

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#78

Pyrene

Concen: 40.186 ng

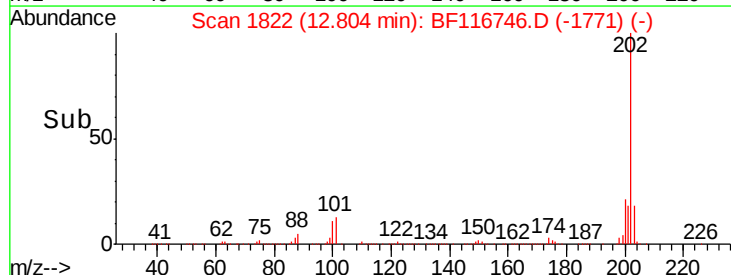
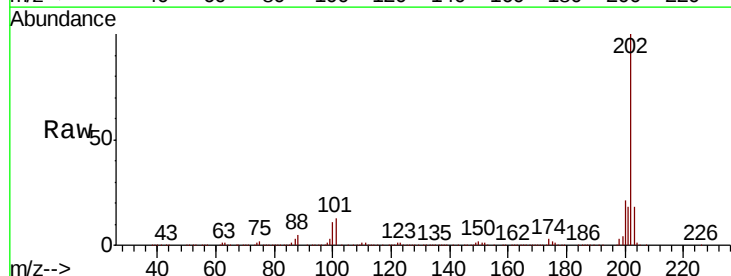
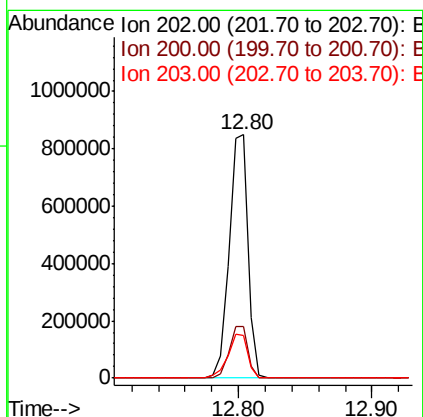
RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116746.D

Acq: 1 Sep 2019 16:53

Tgt Ion:	202	Resp:	845021
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.5	24.7
203	17.7	13.7	20.5





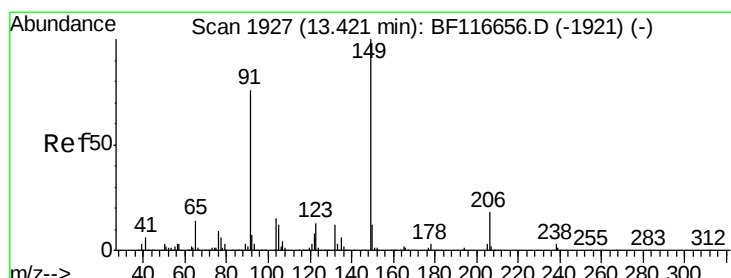
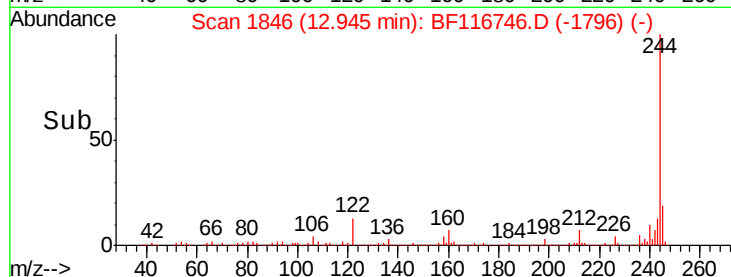
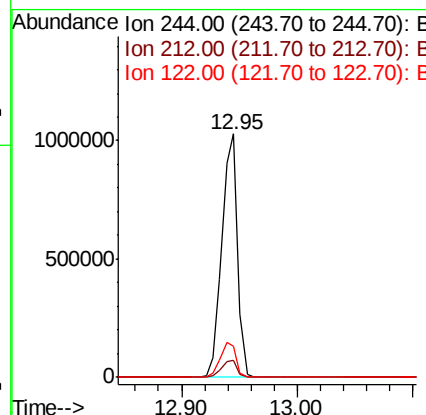
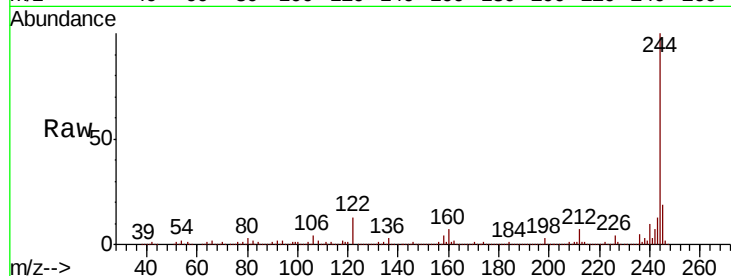
#79
Terphenyl-d14
Concen: 75.262 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100	962355		
212	6.8		6.1	9.1
122	12.6		10.2	15.4

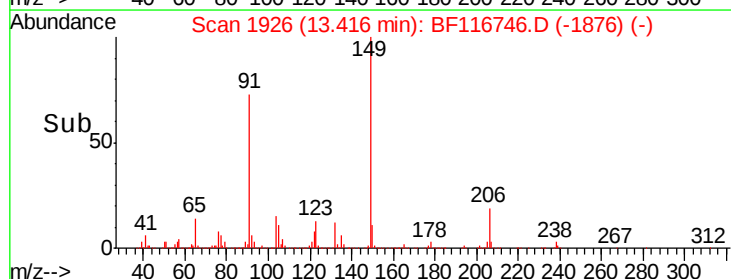
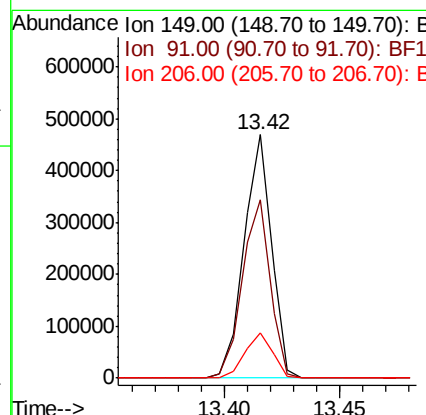
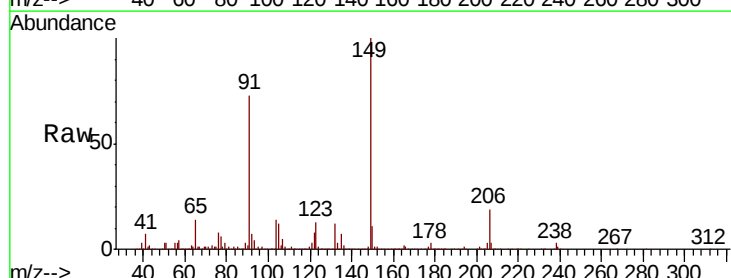
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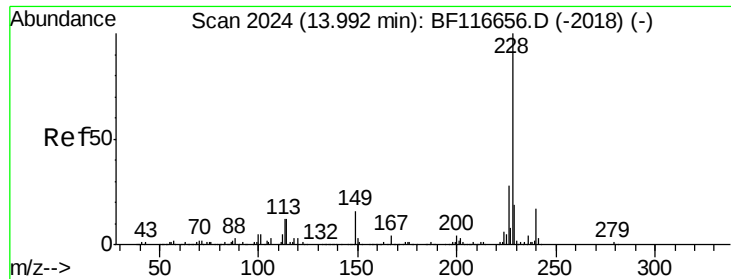
mohammad
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#80
Butylbenzylphthalate
Concen: 38.112 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	389726		
91	73.0		61.0	91.4
206	18.6		14.8	22.2





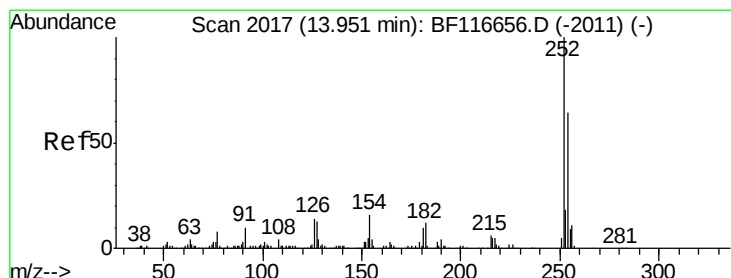
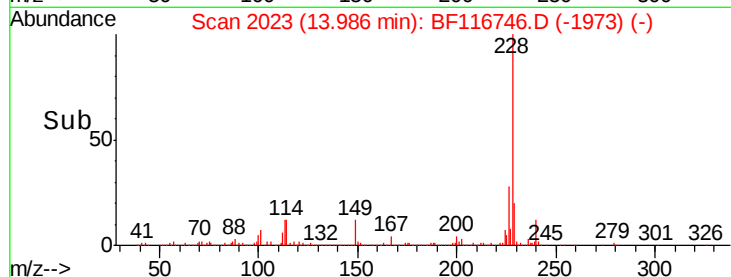
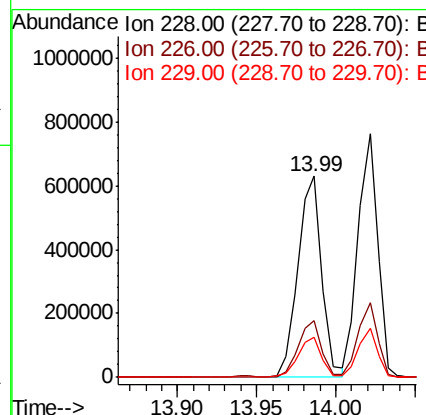
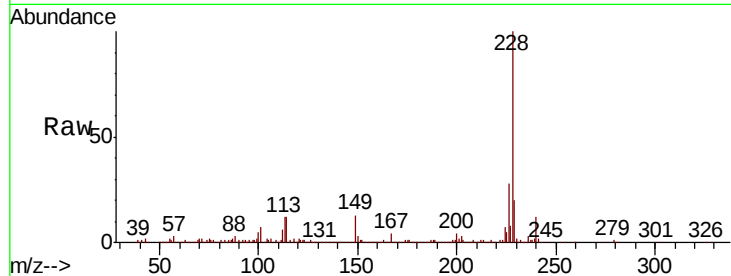
#81
Benzo(a)anthracene
Concen: 43.715 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	19.7	16.4	24.6

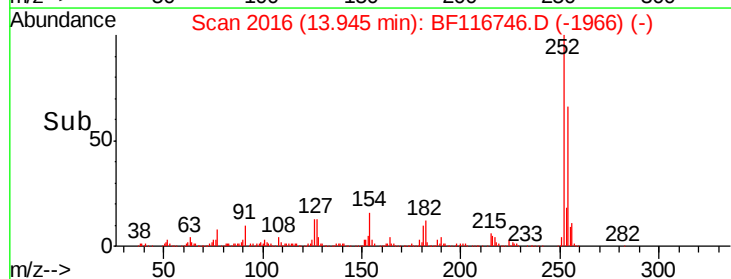
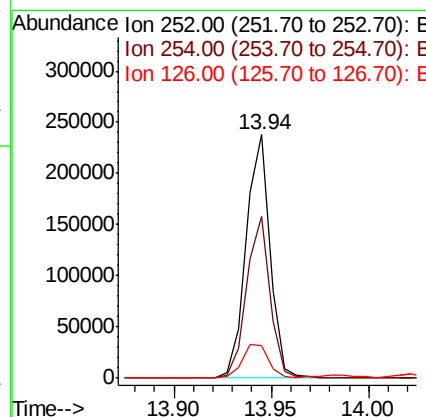
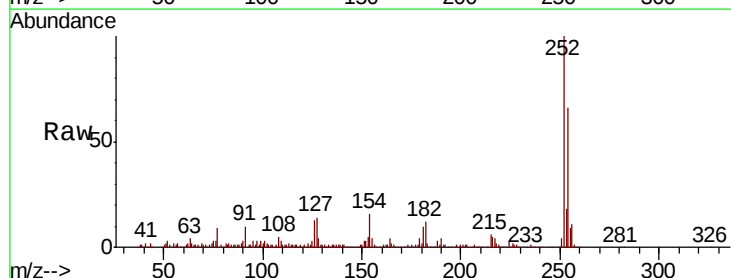
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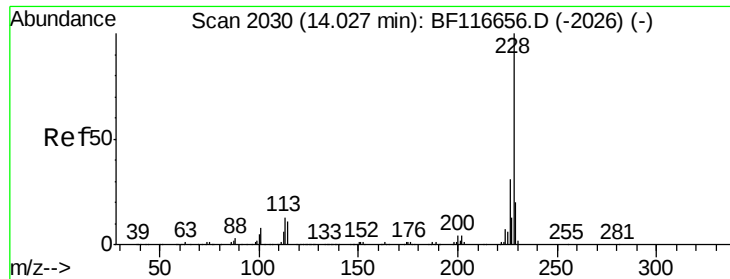
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 40.034 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	50.1	75.1
126	13.2	10.6	16.0





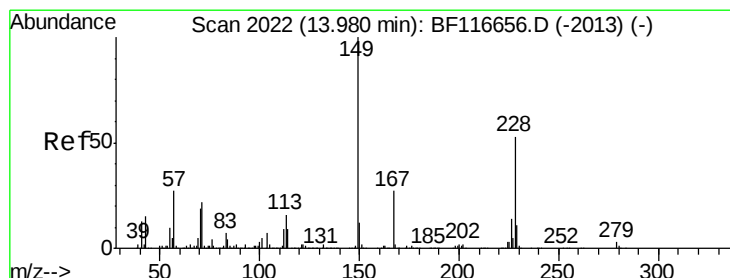
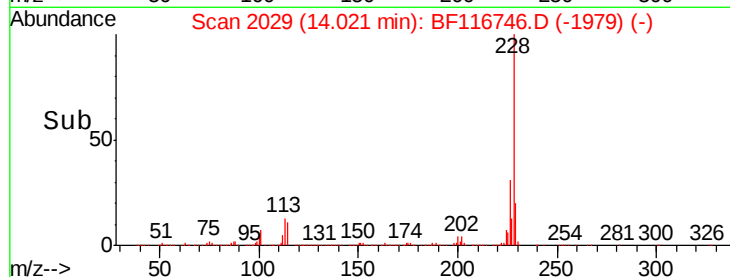
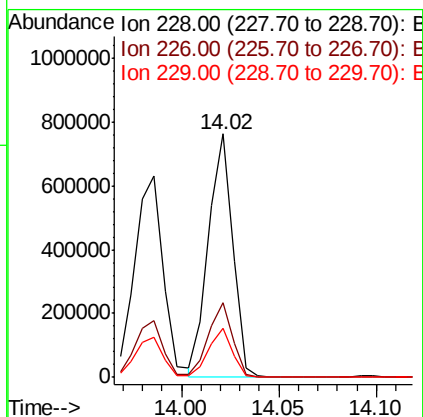
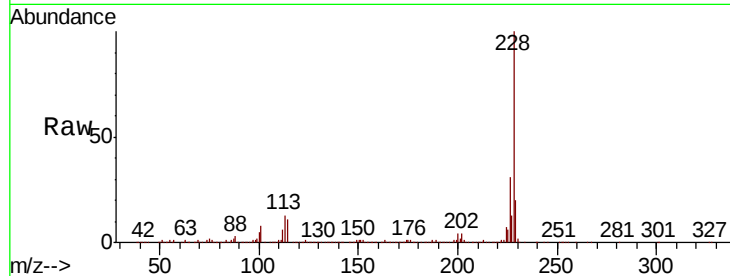
#83
Chrysene
Concen: 42.869 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.0	15.4	23.0

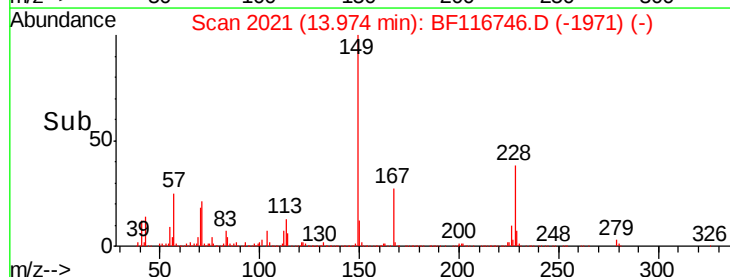
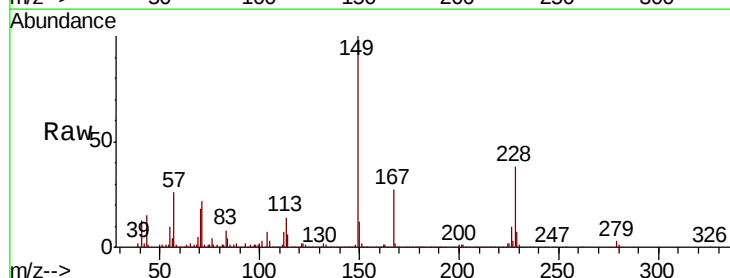
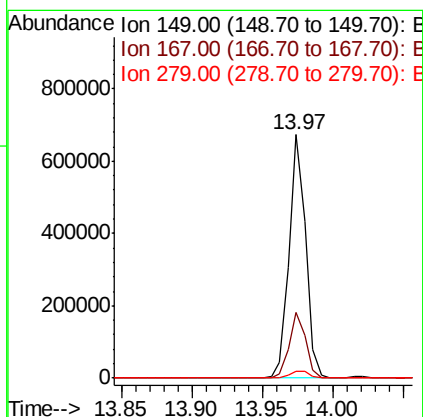
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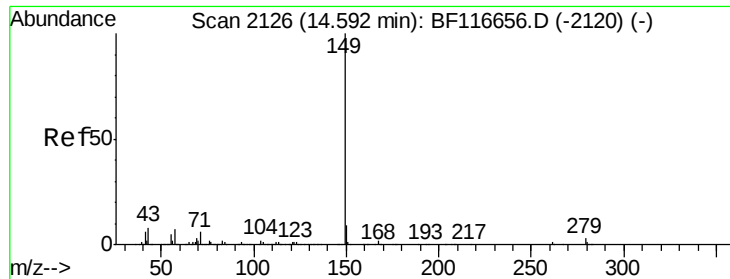
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.160 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	2.8	2.8	4.2





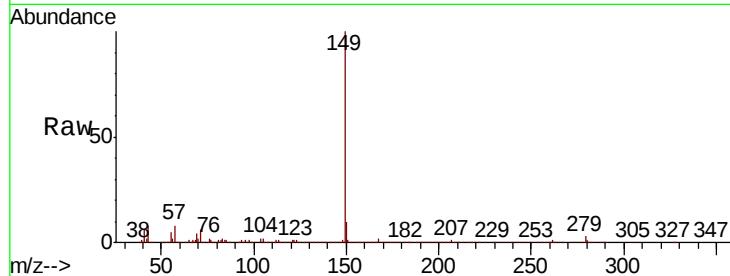
#85
Di-n-octyl phthalate
Concen: 46.994 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

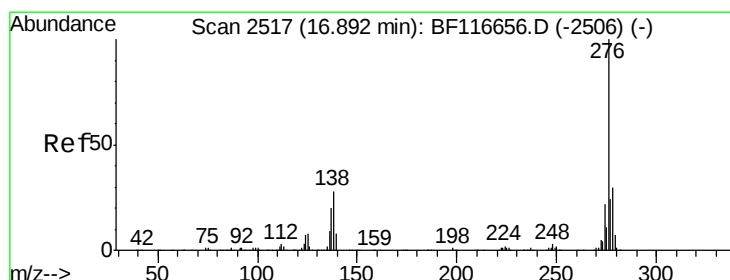
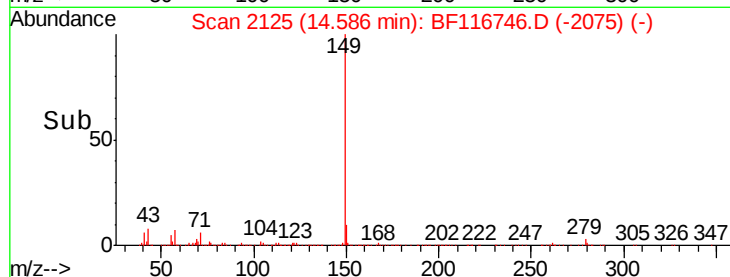
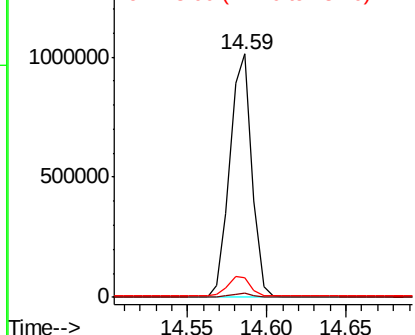
Tot Ion	Ratio	Resp	Lower	Upper
149	100	970742		
167	1.5		1.3	1.9
43	8.4		7.8	11.8

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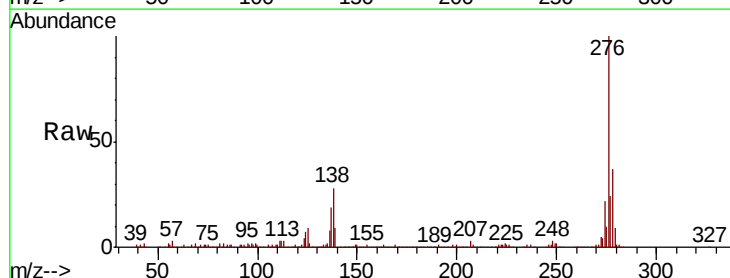


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

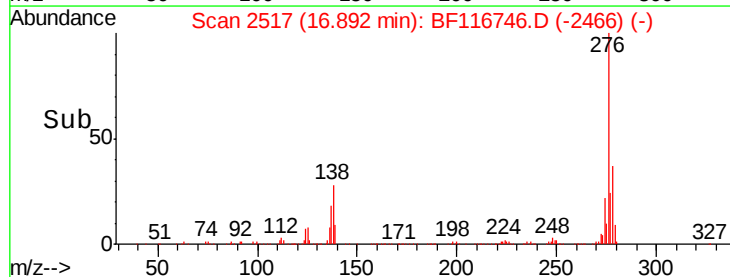
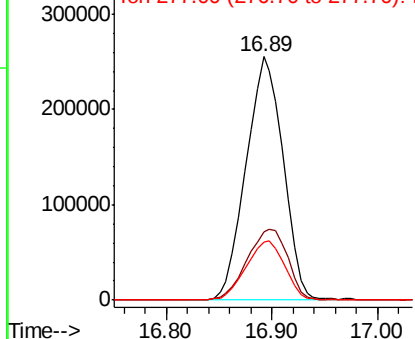


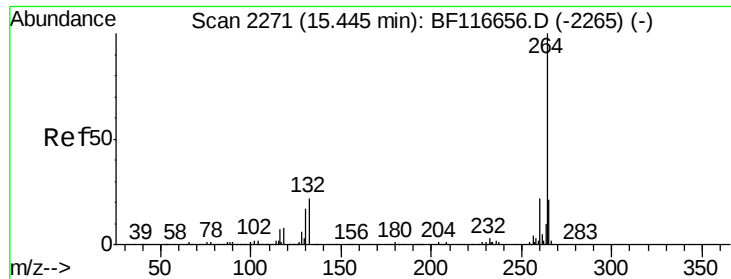
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.343 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	623692		
138	31.3		19.4	29.2#
277	25.6		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





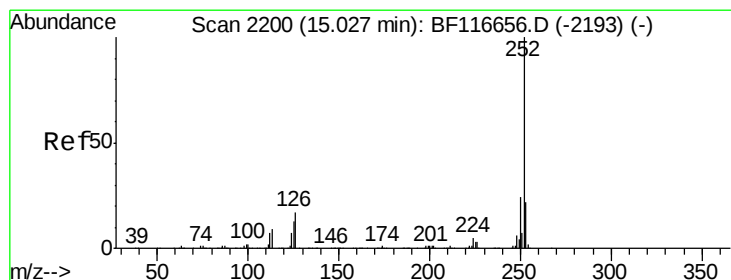
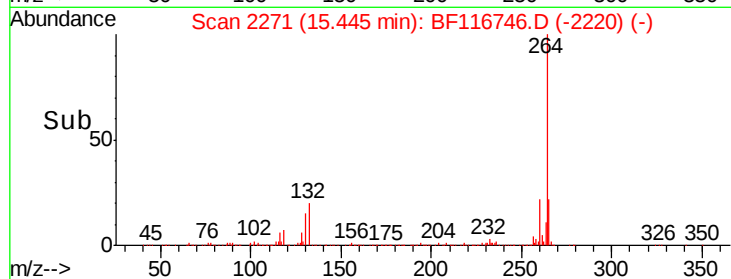
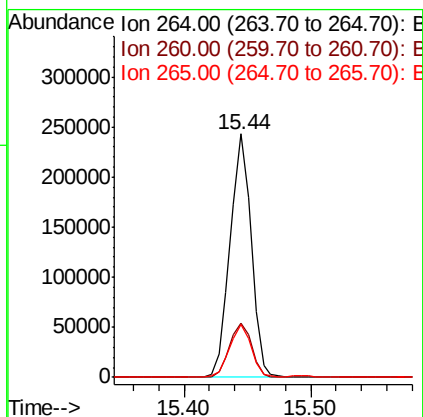
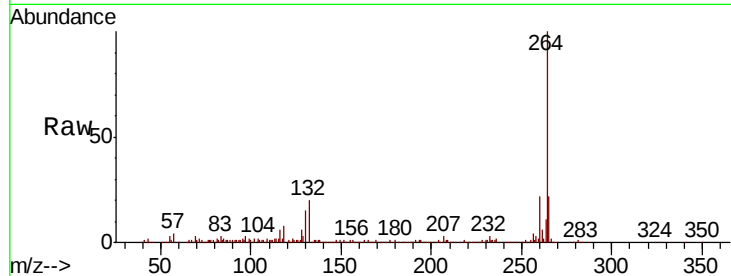
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.3	27.5
265	21.7	16.5	24.7

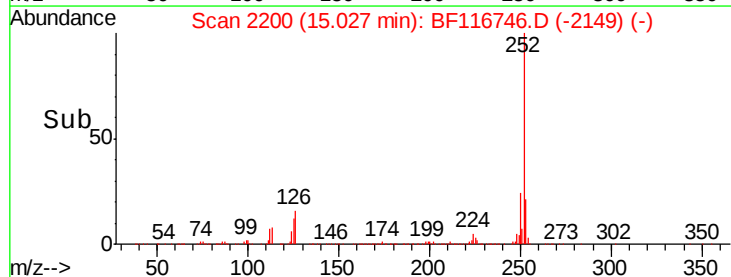
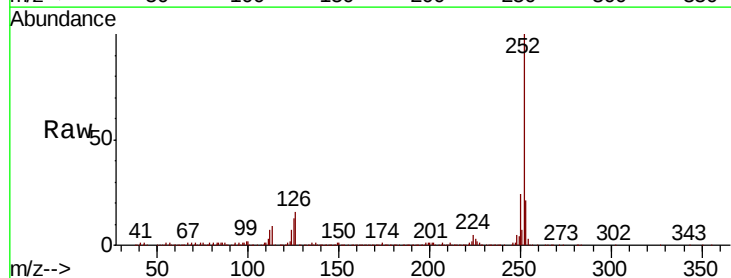
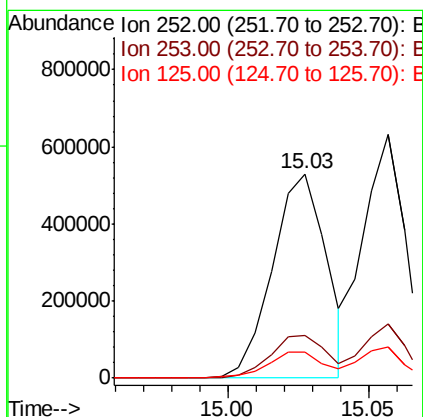
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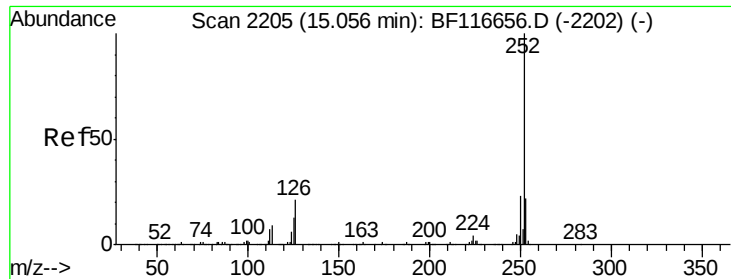
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.443 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.7	26.5
125	12.5	8.2	12.2#





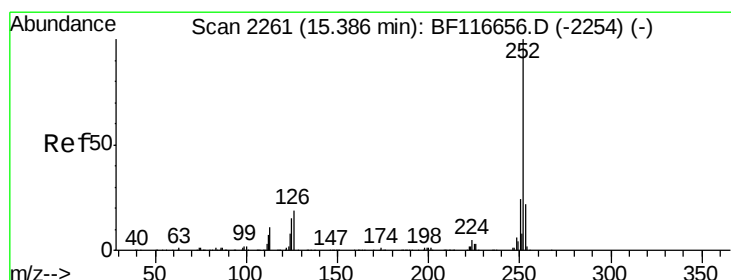
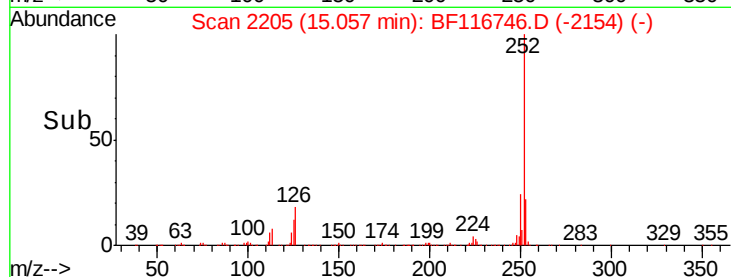
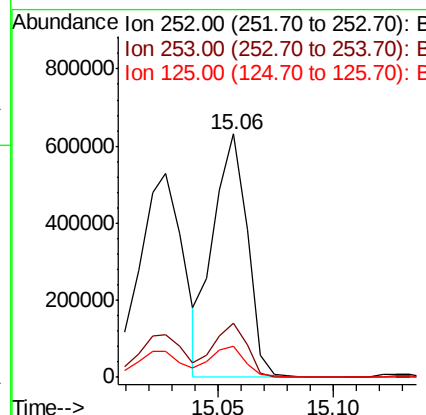
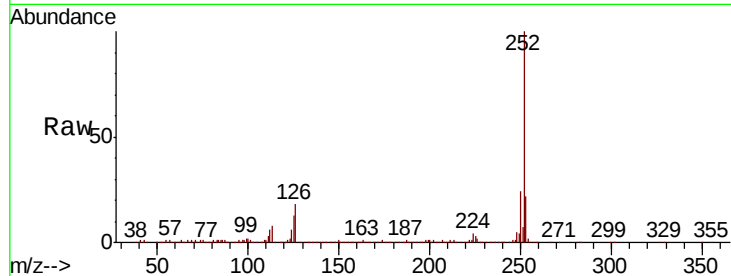
#89
Benzo(k)fluoranthene
Concen: 41.615 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	12.6	8.6	13.0

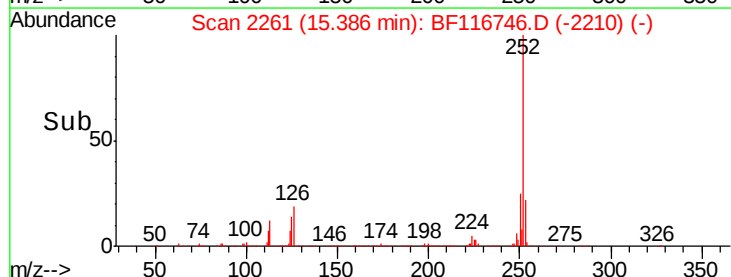
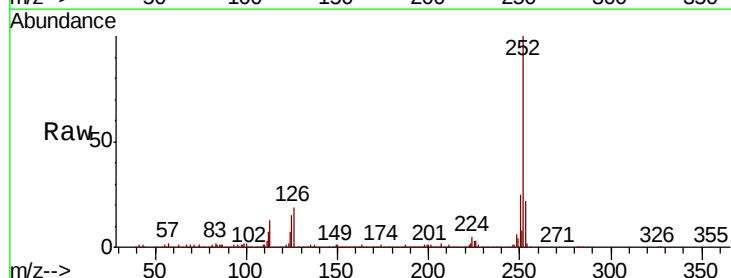
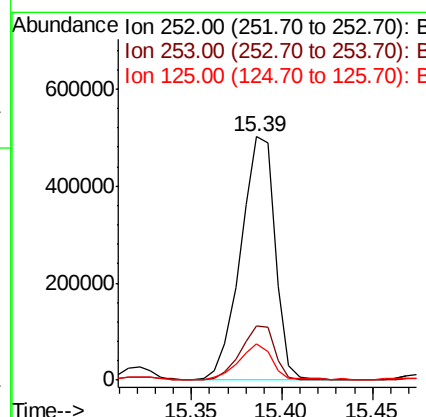
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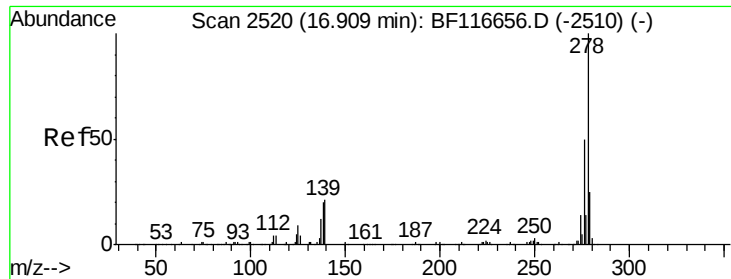
mohammad
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#90
Benzo(a)pyrene
Concen: 44.751 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.7	9.8	14.8





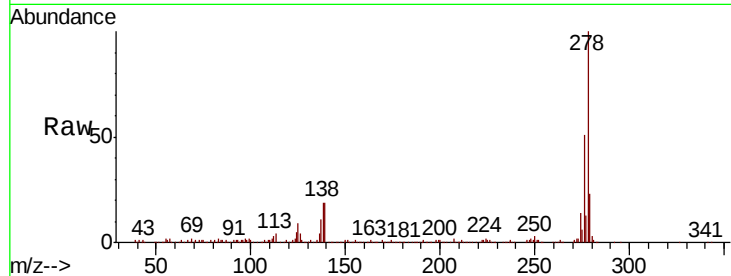
#91
Dibenzo(a,h)anthracene
Concen: 40.073 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.4	18.6#
279	23.0	18.2	27.4

Manual Integrations
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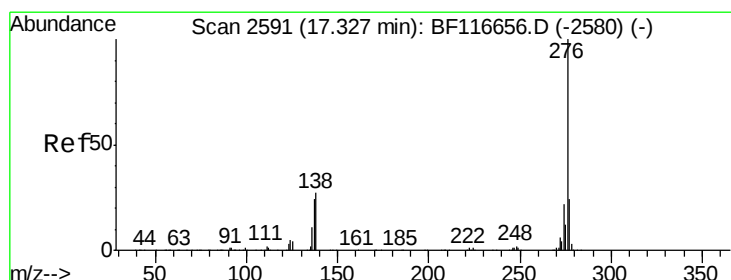
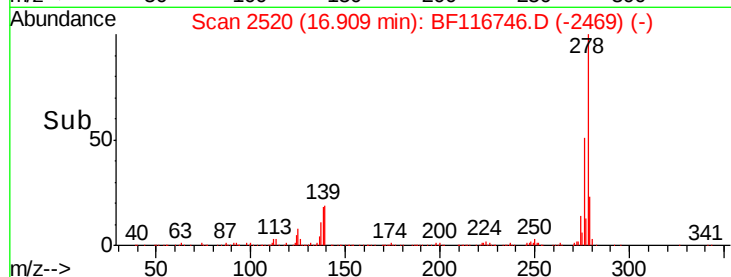
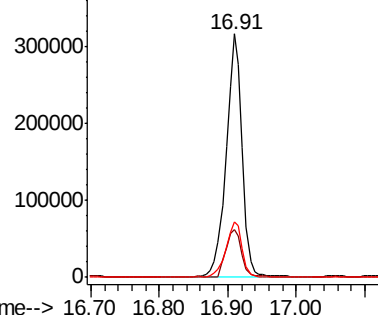


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.024 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116746.D
Acq: 1 Sep 2019 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	26.8	16.2	24.2#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

