

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115795.D
 Acq On : 26 Jul 2019 19:10
 Operator : HP/JU
 Sample : K3614-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Manual Integrations
 APPROVED

mohammad
 7/29/2019 5:29:02 PM

Quant Time: Jul 27 00:23:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140762	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	554909	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	308999	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	558852	20.00	ng	0.00
76) Chrysene-d12	14.03	240	405898	20.00	ng	0.00
87) Perylene-d12	15.50	264	403715	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1035755	120.36	ng	0.02
7) Phenol-d6	6.51	99	1261639	115.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	967063	101.33	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	444620	123.27	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1721527	97.51	ng	0.00
79) Terphenyl-d14	12.98	244	1993585	90.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	161717	37.673	ng	# 85
3) Pyridine	3.54	79	358313	30.766	ng	97
4) n-Nitrosodimethylamine	3.47	42	194015	45.921	ng	100
6) Aniline	6.53	93	180962	11.909	ng	# 76
8) 2-Chlorophenol	6.66	128	434743	43.940	ng	96
9) Benzaldehyde	6.42	77	247098	36.212	ng	99
10) Phenol	6.52	94	457486	36.091	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	433060	44.872	ng	96
12) 1,3-Dichlorobenzene	6.82	146	441430	39.683	ng	99
13) 1,4-Dichlorobenzene	6.89	146	450334	40.574	ng	99
14) 1,2-Dichlorobenzene	7.05	146	416924	41.093	ng	99
15) Benzyl Alcohol	7.02	79	371258	42.860	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	571386	44.971	ng	93
17) 2-Methylphenol	7.13	107	377977	44.330	ng	98
18) Hexachloroethane	7.39	117	160703	39.009	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	314668	44.185	ng	99
20) 3+4-Methylphenols	7.28	107	433490	42.802	ng	# 86
22) Acetophenone	7.28	105	612725	48.876	ng	97
24) Nitrobenzene	7.45	77	498241	48.405	ng	95
25) Isophorone	7.69	82	919815	48.167	ng	99
26) 2-Nitrophenol	7.77	139	241928	45.663	ng	98
27) 2,4-Dimethylphenol	7.80	122	406705	51.305	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	569627	48.623	ng	100
29) 2,4-Dichlorophenol	8.01	162	398047	48.281	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	416568	44.700	ng	98
31) Naphthalene	8.17	128	1285821	47.846	ng	100
32) Benzoic acid	7.92	122	141558	21.759	ng	98
33) 4-Chloroaniline	8.22	127	112044	9.412	ng	98
34) Hexachlorobutadiene	8.29	225	231133	43.250	ng	98
35) Caprolactam	8.59	113	92481m	36.301	ng	
36) 4-Chloro-3-methylphenol	8.71	107	422880	49.449	ng	99
37) 2-Methylnaphthalene	8.87	142	889732	49.945	ng	99
38) 1-Methylnaphthalene	8.96	142	839914	49.638	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	402118	43.215	ng	99

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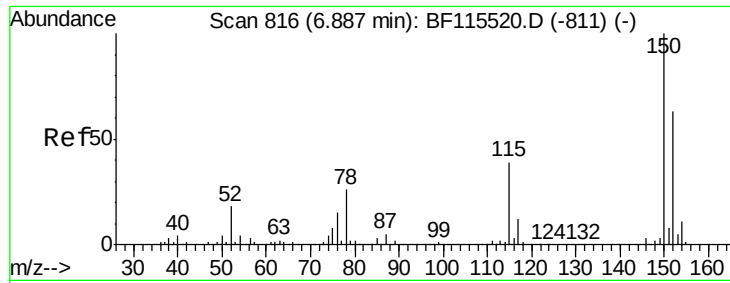
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 7/29/2019 5:29:02 PM

Quant Time: Jul 27 00:23:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	279945	52.741	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	281258	41.333	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	305388	43.822	nq	96
46) 1,1'-Biphenyl	9.33	154	1098140	45.458	nq	99
47) 2-Chloronaphthalene	9.36	162	862850	42.897	nq	99
48) 2-Nitroaniline	9.45	65	279944	44.966	nq	99
49) Acenaphthylene	9.77	152	1333849	44.753	nq	99
50) Dimethylphthalate	9.63	163	1066602	45.879	nq	99
51) 2,6-Dinitrotoluene	9.69	165	231987	43.910	nq	98
52) Acenaphthene	9.95	154	810474	42.119	nq	98
53) 3-Nitroaniline	9.86	138	90653	15.015	nq	96
54) 2,4-Dinitrophenol	9.97	184	119790	44.162	nq	97
55) Dibenzofuran	10.12	168	1202345	43.999	nq	100
56) 4-Nitrophenol	10.03	139	355058	77.121	nq	96
57) 2,4-Dinitrotoluene	10.10	165	309836	45.266	nq	95
58) Fluorene	10.46	166	917324	46.957	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	262817	45.115	nq	99
60) Diethylphthalate	10.33	149	1023983	47.009	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	461963	42.642	nq	98
62) 4-Nitroaniline	10.47	138	250480	43.251	nq	99
63) Azobenzene	10.61	77	1028918	48.699	nq	100
65) 4,6-Dinitro-2-methylphenol	10.51	198	108622	31.813	nq	96
66) n-Nitrosodiphenylamine	10.57	169	849894	48.890	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	296699	46.458	nq	98
68) Hexachlorobenzene	11.01	284	325709	44.659	nq	# 91
69) Atrazine	11.09	200	278957	48.915	nq	99
70) Pentachlorophenol	11.20	266	334952	75.090	nq	98
71) Phenanthrene	11.42	178	1400234	48.880	nq	100
72) Anthracene	11.47	178	1446906	48.874	nq	100
73) Carbazole	11.62	167	1316975	50.729	nq	100
74) Di-n-butylphthalate	11.95	149	1654056	51.724	nq	100
75) Fluoranthene	12.61	202	1490824	49.248	nq	100
77) Benzidine	12.72	184	373117	25.949	nq	98
78) Pyrene	12.84	202	1494669	43.463	nq	100
80) Butylbenzylphthalate	13.44	149	747315	50.977	nq	100
81) Benzo(a)anthracene	14.02	228	1263367	47.245	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	228343	24.021	nq	97
83) Chrysene	14.06	228	1238096	46.122	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1052477	57.959	nq	100
85) Di-n-octyl phthalate	14.62	149	1712537	59.273	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1237867	54.278	nq	99
88) Benzo(b)fluoranthene	15.07	252	1114510	42.872	nq	99
89) Benzo(k)fluoranthene	15.10	252	1133228	48.895	nq	99
90) Benzo(a)pyrene	15.44	252	1068230	47.810	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1041913	53.118	nq	100
92) Benzo(g,h,i)perylene	17.43	276	1005245	51.386	nq	98

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



#1

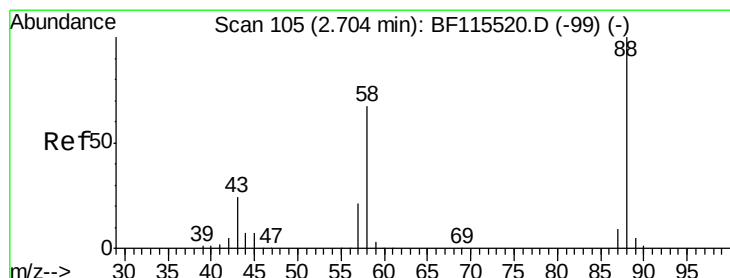
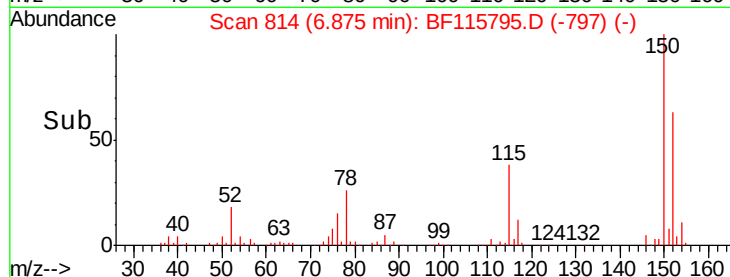
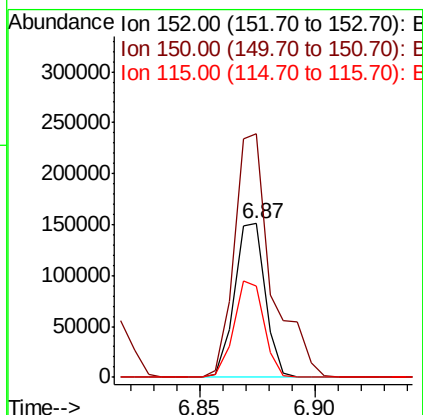
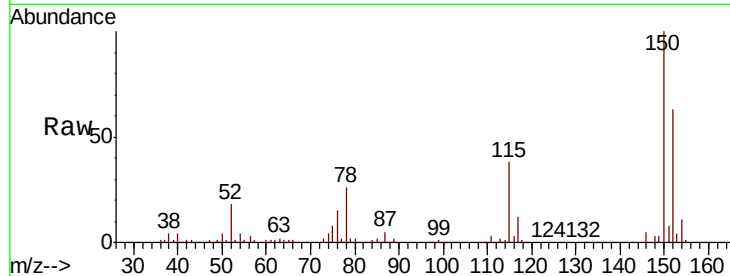
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	59.7	47.8	71.6

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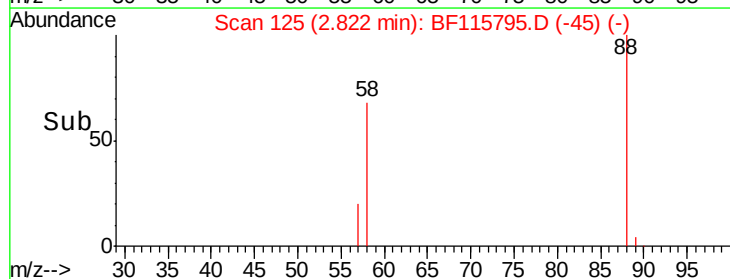
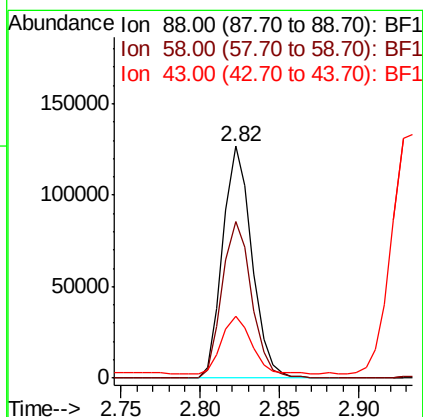
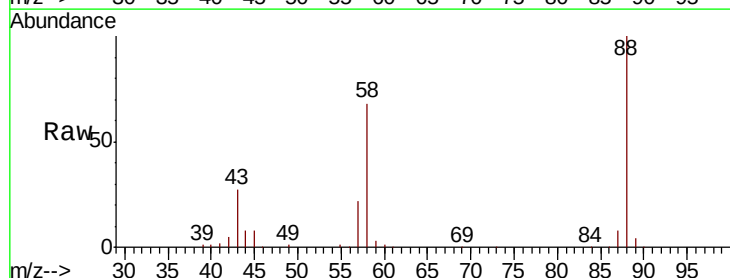
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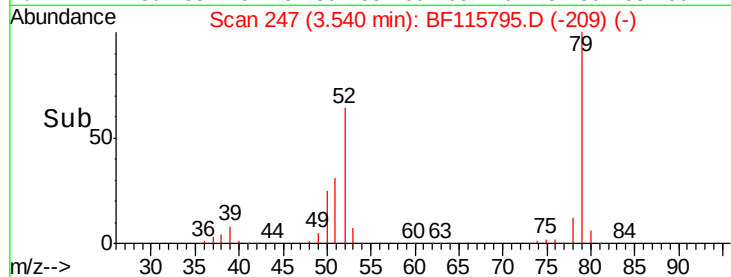
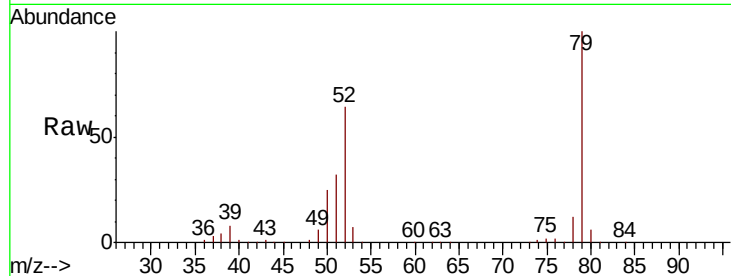
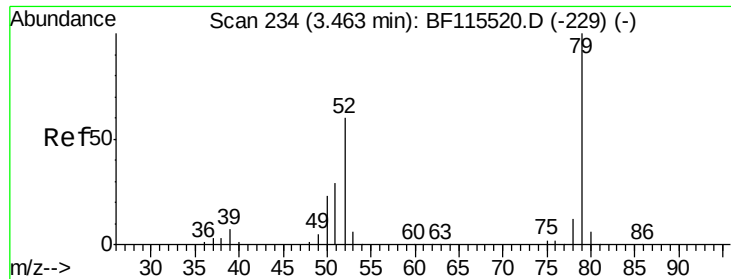


#2

1,4-Dioxane
Concen: 37.673 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.17 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	54.2	81.4
43	0.0	20.8	31.2





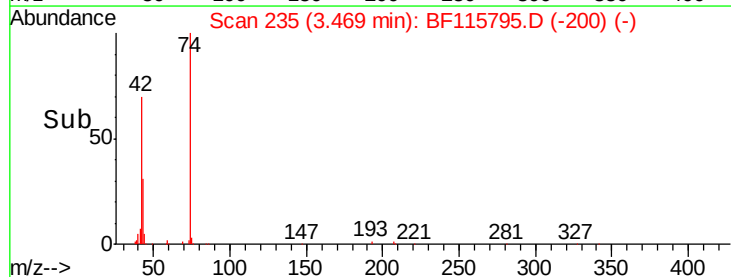
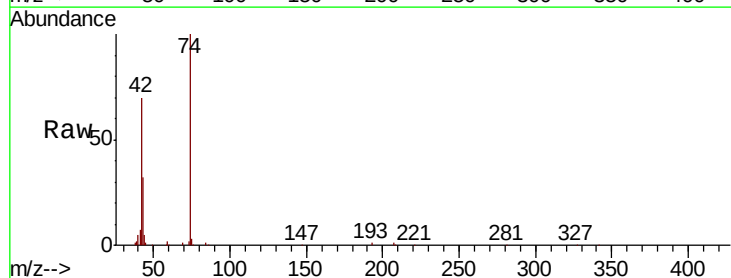
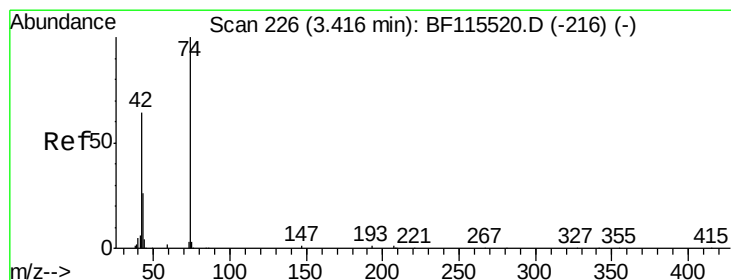
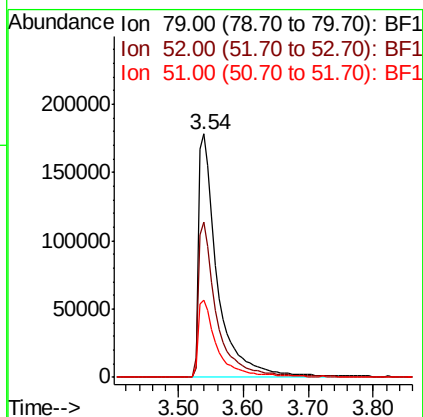
#3
 Pvridine
 Concen: 30.766 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.12 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tot Ion	Ratio	Resp	Lower	Upper
79	100	358313		
52	63.6		48.4	72.6
51	31.6		24.8	37.2

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

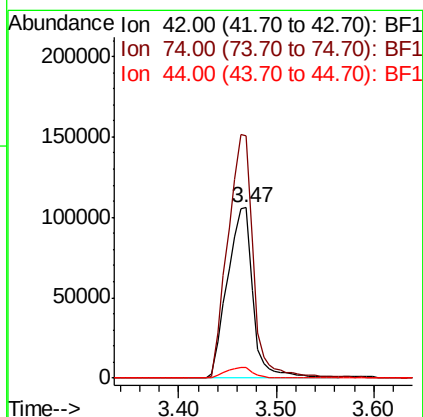
Manual Integrations
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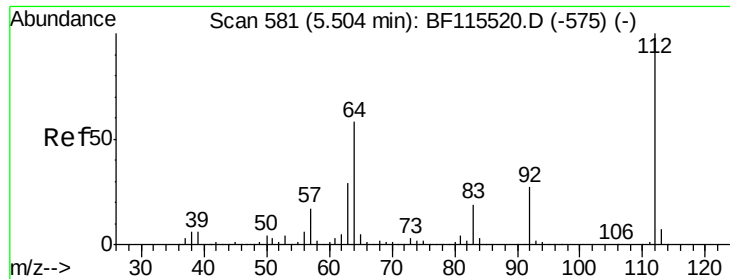
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#4
 n-Nitrosodimethylamine
 Concen: 45.921 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.11 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	194015		
74	142.1		113.4	170.0
44	6.6		5.1	7.7





#5

2-Fluorophenol

Concen: 120.359 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

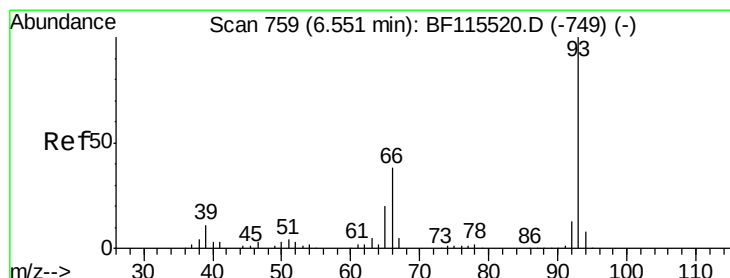
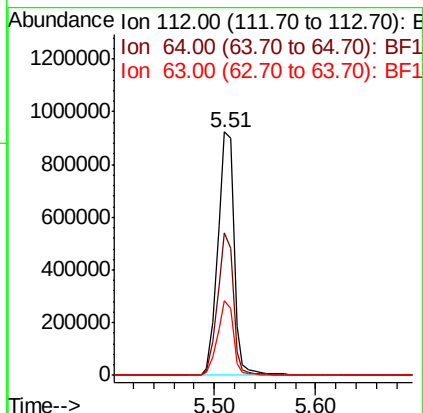
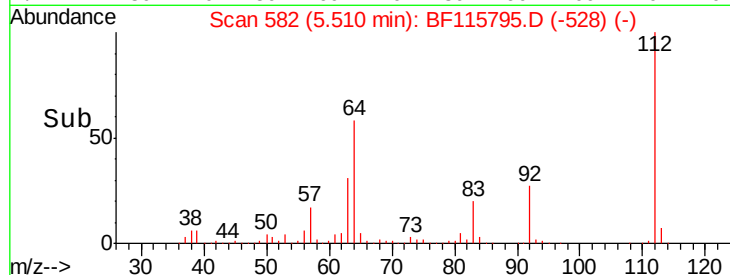
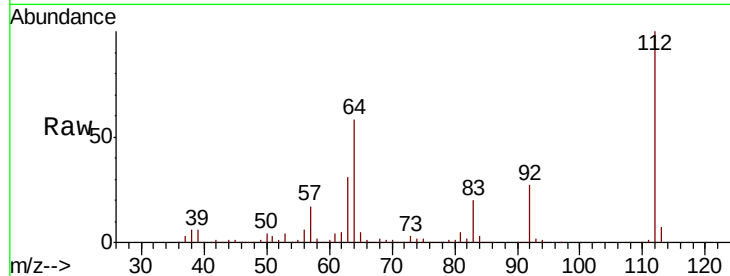
ClientSampleId :

BU-03-072419MS

Tot Ion:	112	Resp:	1035755
Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.8	68.8
63	30.5	23.6	35.4

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#6

Aniline

Concen: 11.909 ng

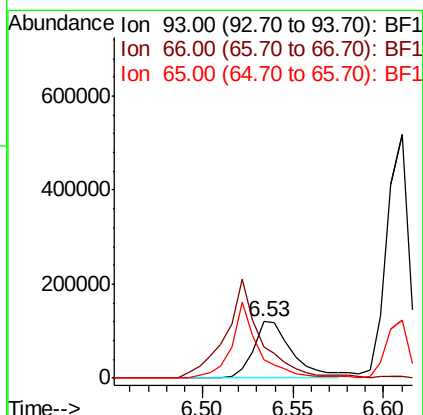
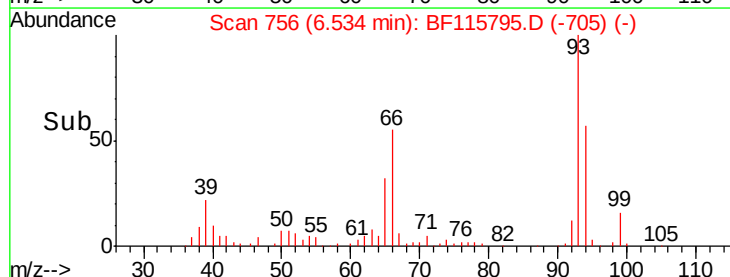
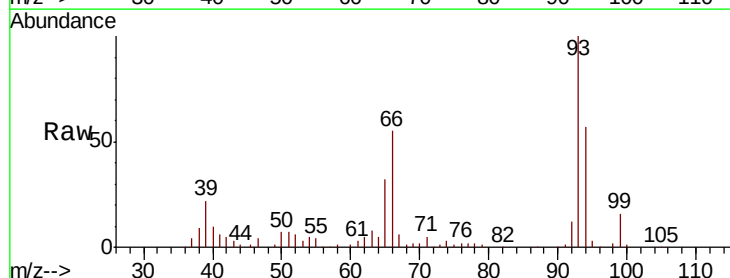
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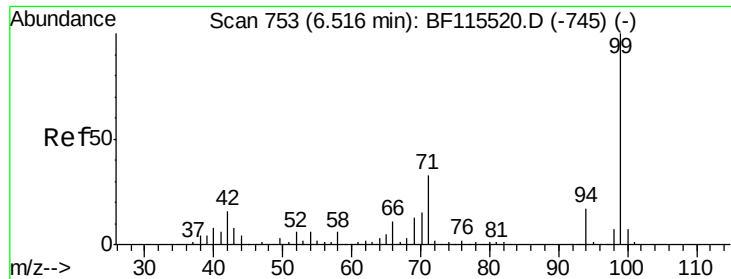
Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:	93	Resp:	180962
Ion	Ratio	Lower	Upper
93	100		
66	55.2	32.2	48.2#
65	31.9	16.5	24.7#





#7

Phenol-d6

Concen: 115.540 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

ClientSampleId :

BU-03-072419MS

Tot Ion: 99 Resp: 1261639

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

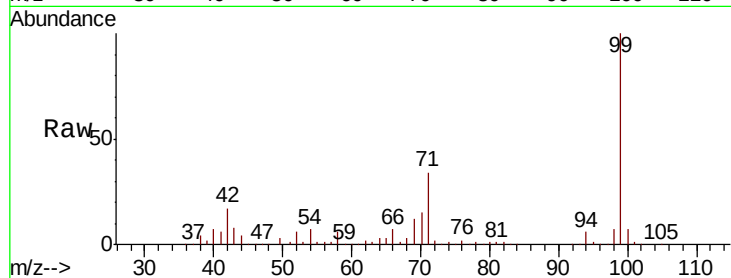
71 34.0 26.7 40.1

Manual Integrations

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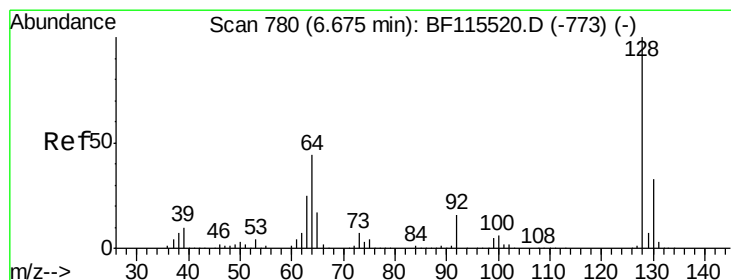
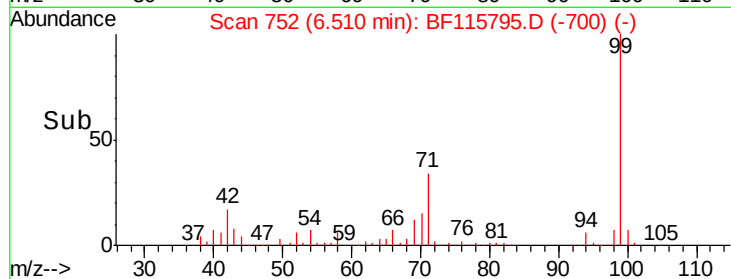
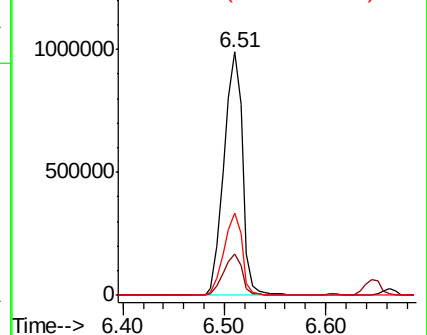
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.940 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

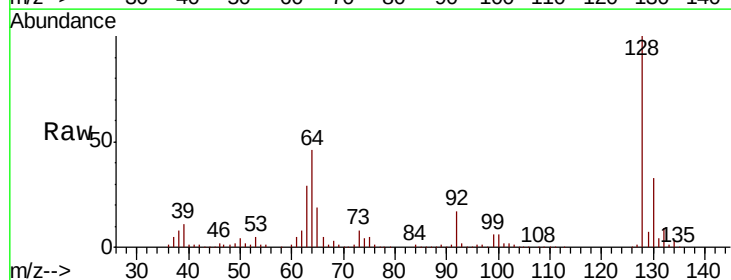
Tgt Ion: 128 Resp: 434743

Ion Ratio Lower Upper

128 100

130 32.7 13.8 53.8

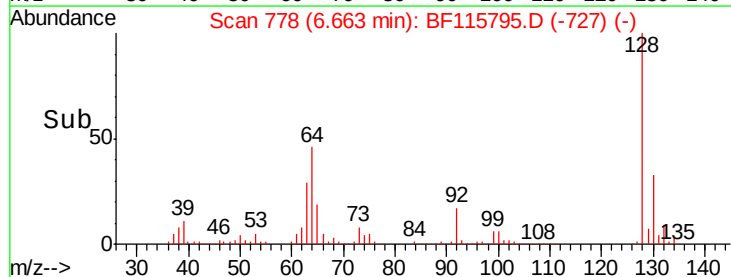
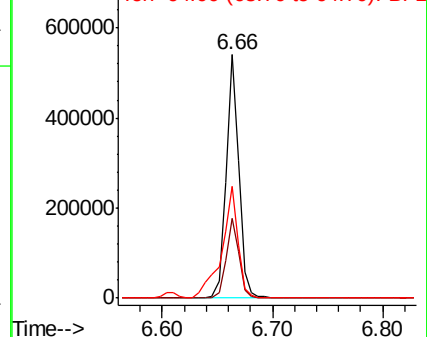
64 45.9 22.4 62.4

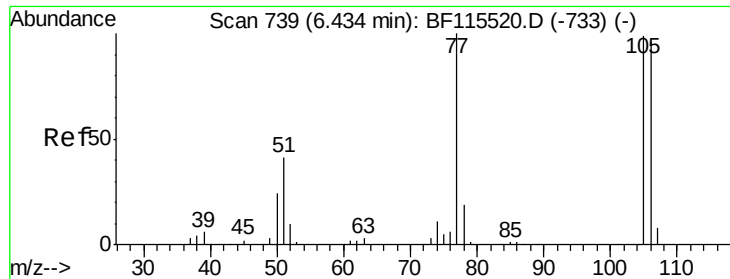


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.212 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

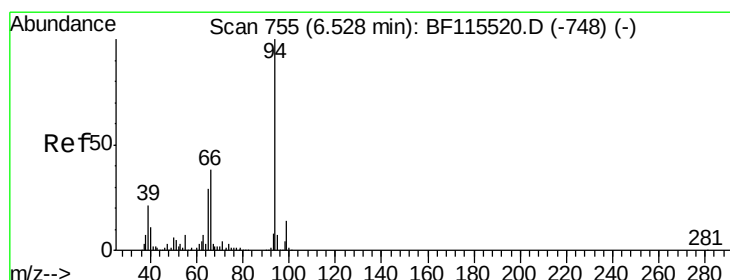
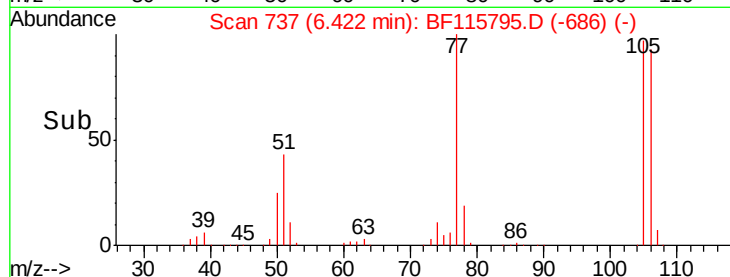
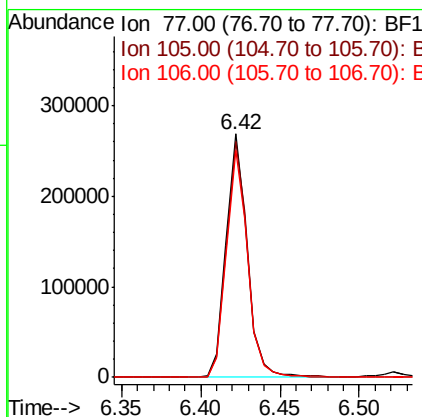
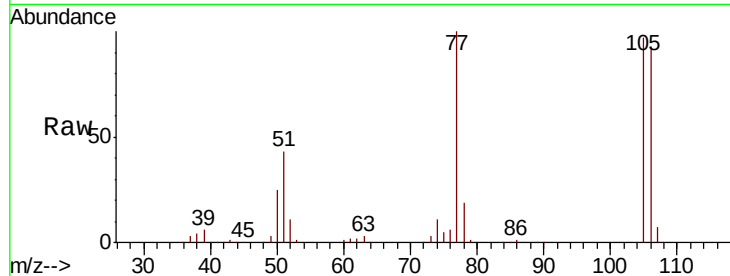
ClientSampleId :

BU-03-072419MS

Tot Ion:	77	Resp:	247098
Ion	Ratio	Lower	Upper
77	100		
105	97.0	77.5	117.5
106	93.2	74.7	114.7

Manual Integrations
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#10

Phenol

Concen: 36.091 ng

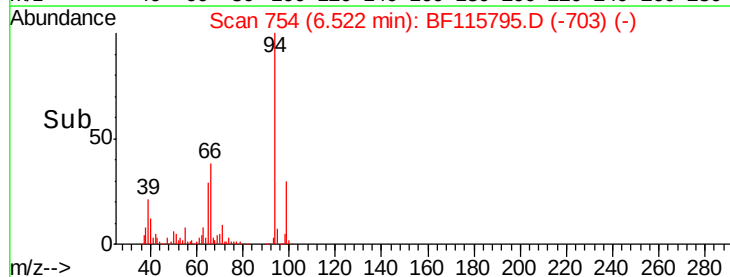
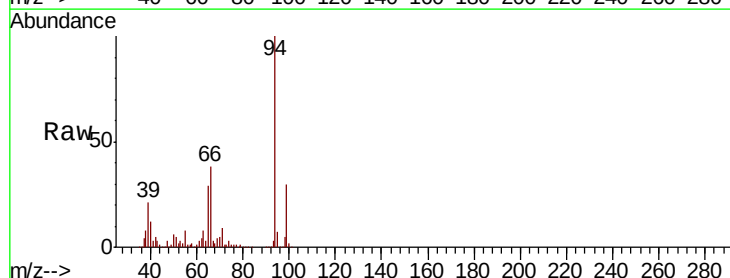
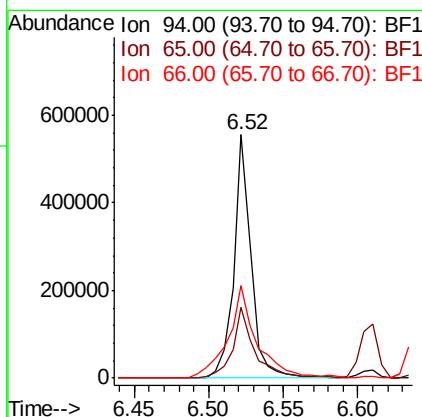
RT: 6.52 min Scan# 754

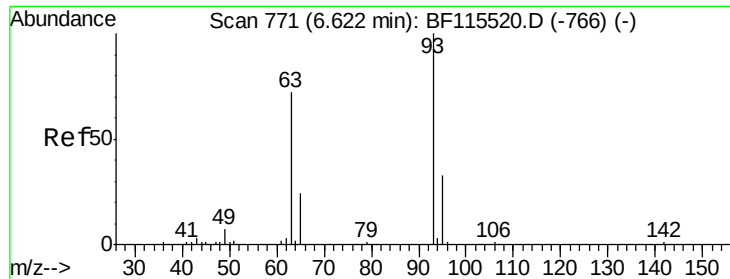
Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:	94	Resp:	457486
Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.2	51.2
66	37.9	24.4	64.4





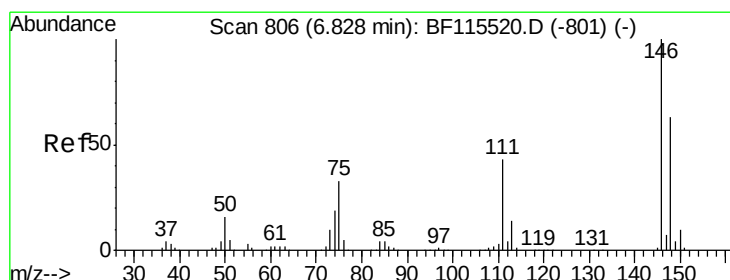
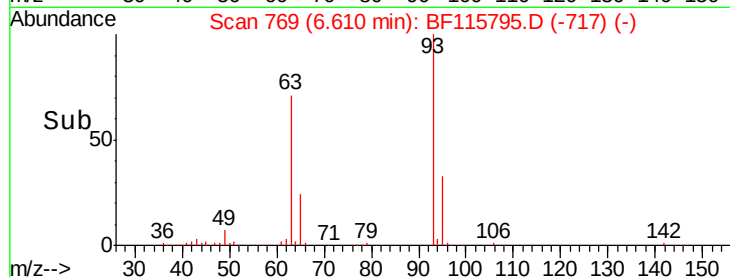
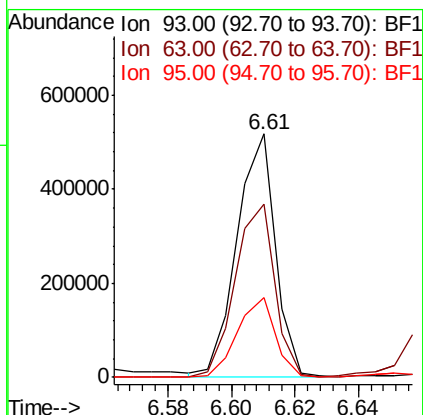
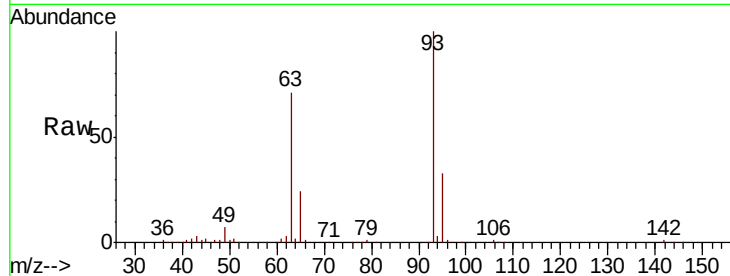
#11
bis(2-Chloroethyl)ether
Concen: 44.872 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	56.2	96.2
95	33.0	12.1	52.1

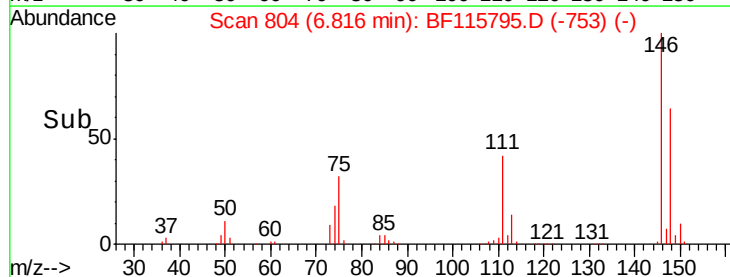
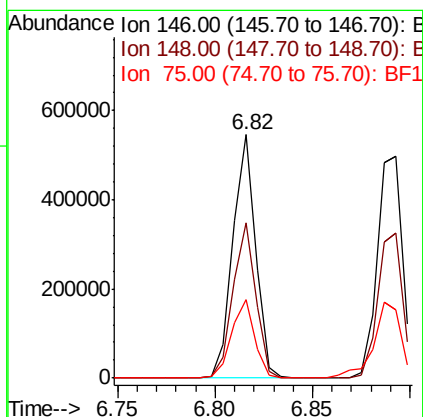
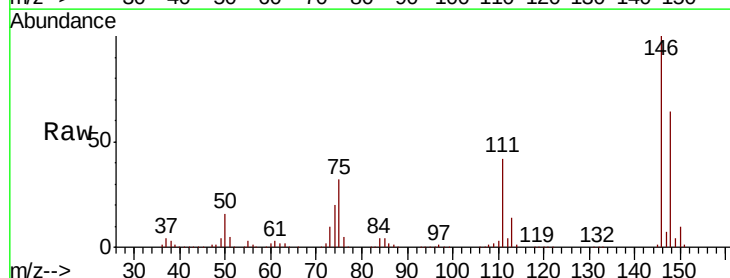
Manual Integrations
APPROVED

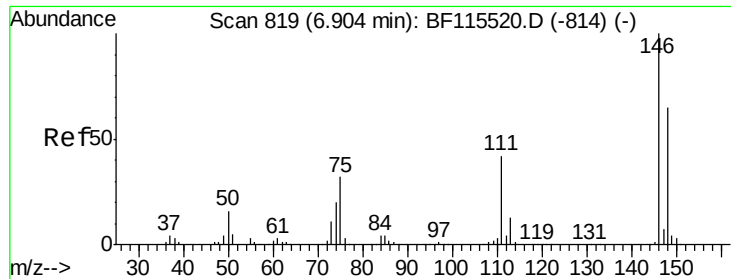
mohammad
7/29/2019 5:29:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.683 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
75	32.1	25.3	37.9





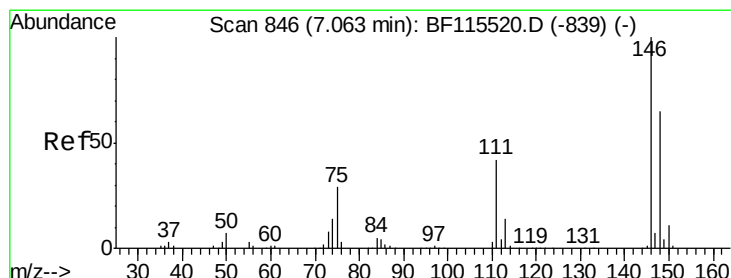
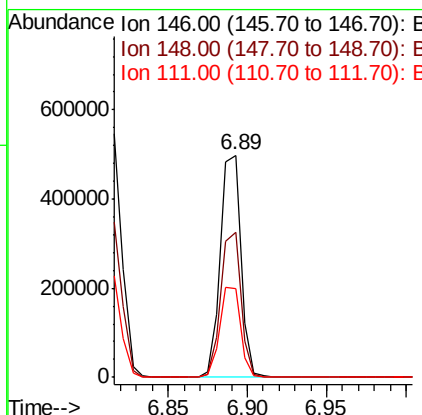
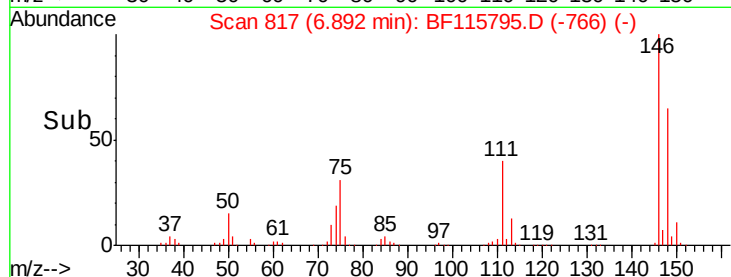
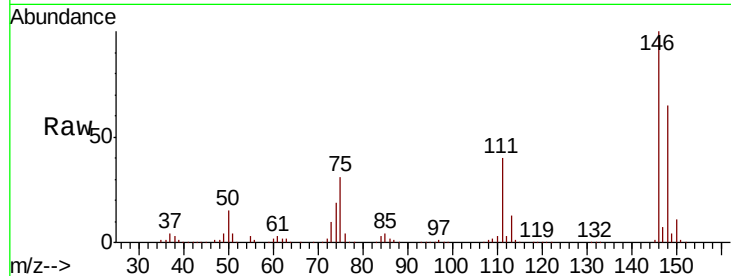
#13
1,4-Dichlorobenzene
Concen: 40.574 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampled :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.7	79.1
111	40.1	32.2	48.4

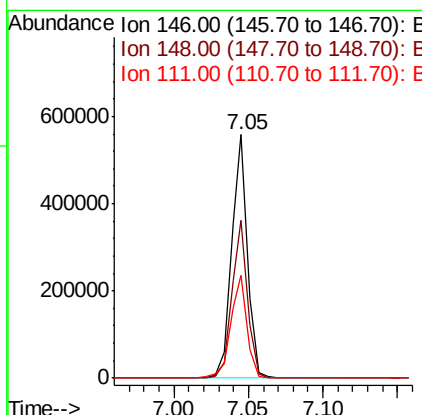
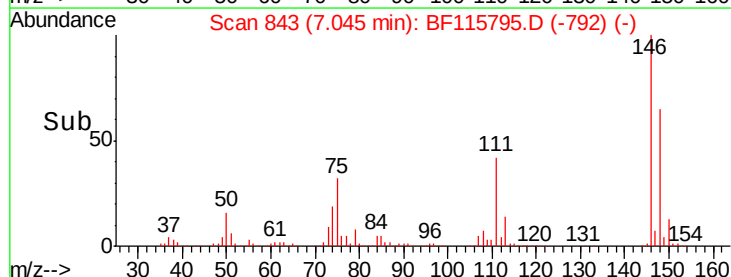
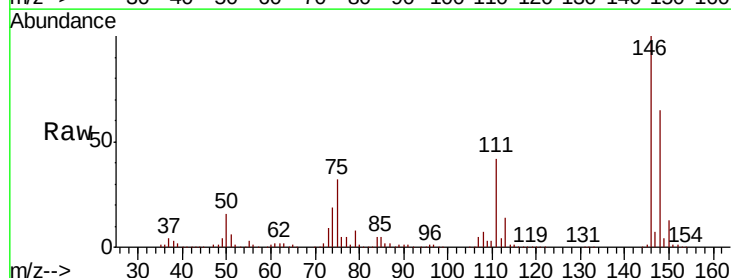
Manual Integrations
APPROVED

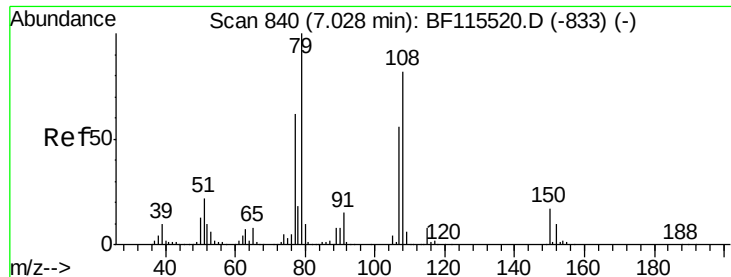
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.093 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
111	42.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.860 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

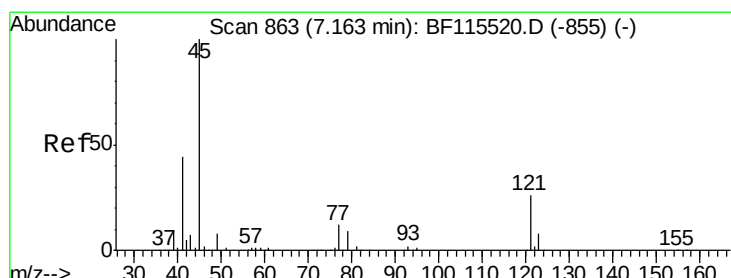
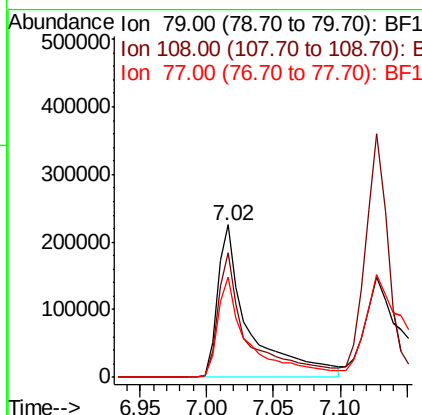
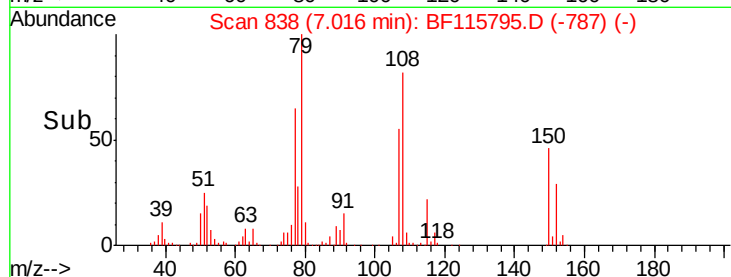
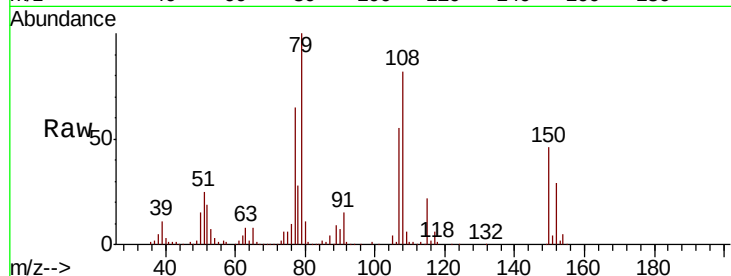
ClientSampleId :

BU-03-072419MS

Tot Ion:	79	Resp:	371258
Ion Ratio	Lower	Upper	
79	100		
108	81.5	65.4	98.2
77	65.4	52.7	79.1

Manual Integrations
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7/29/2019 5:29:02 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.971 ng

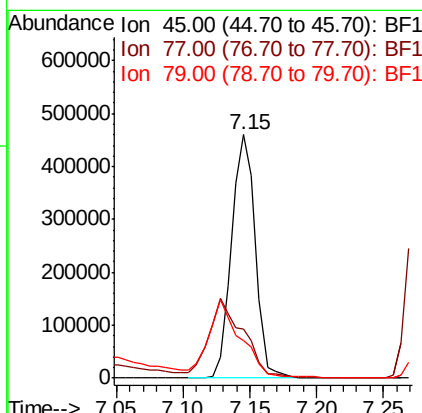
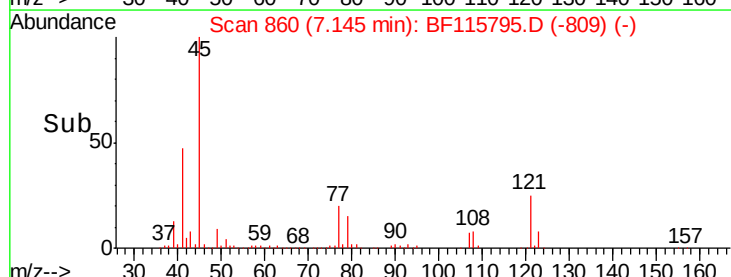
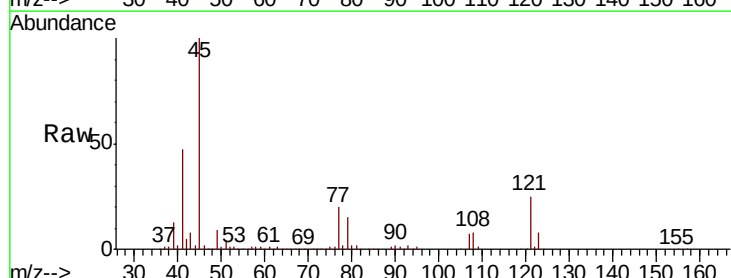
RT: 7.15 min Scan# 860

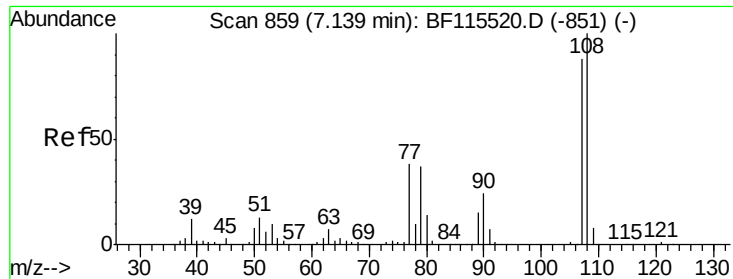
Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:	45	Resp:	571386
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	36.8
79	15.5	0.0	33.1





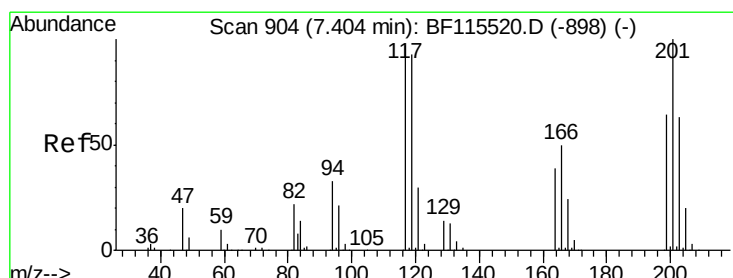
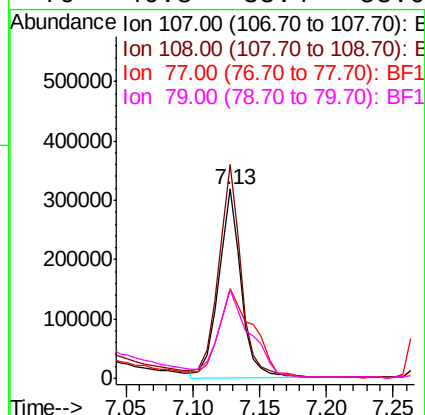
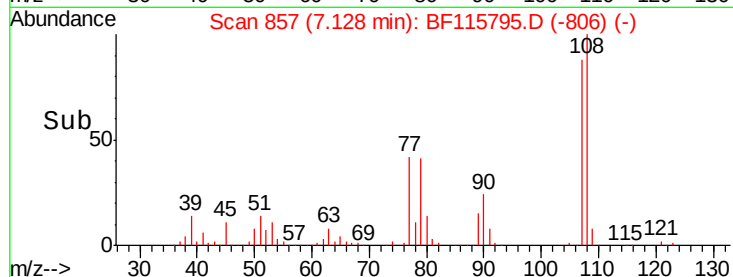
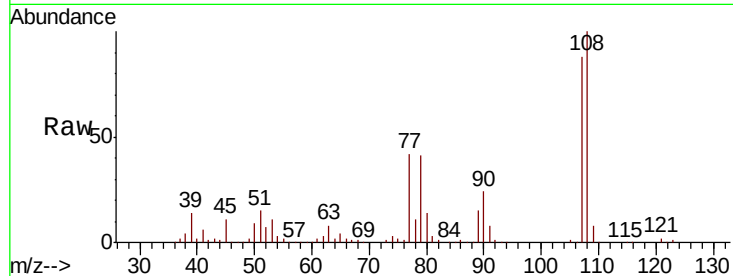
#17
2-Methylphenol
Concen: 44.330 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.3	136.9	
77	47.6	36.9	55.3	
79	46.8	35.4	53.0	

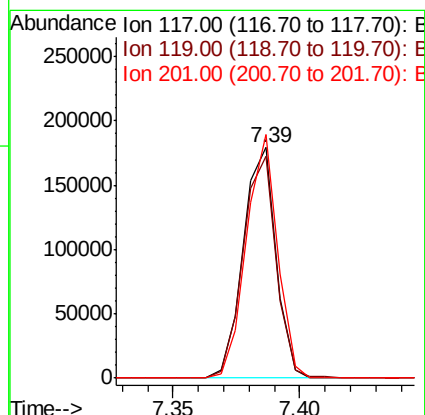
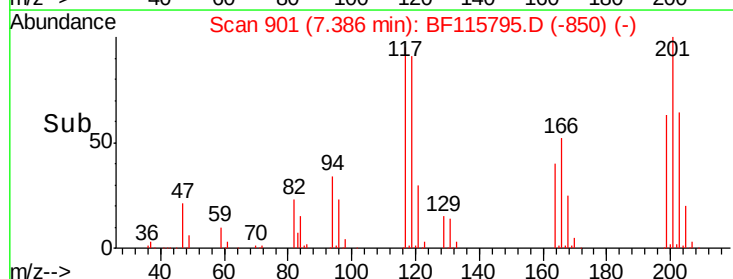
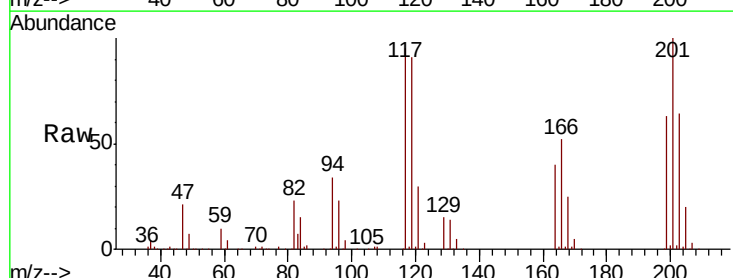
Manual Integrations
APPROVED

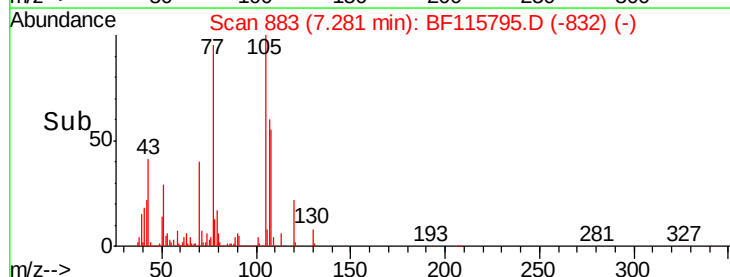
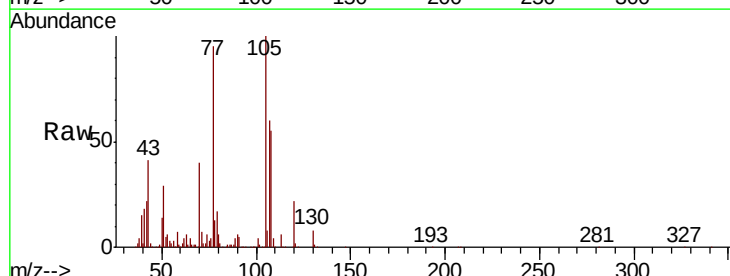
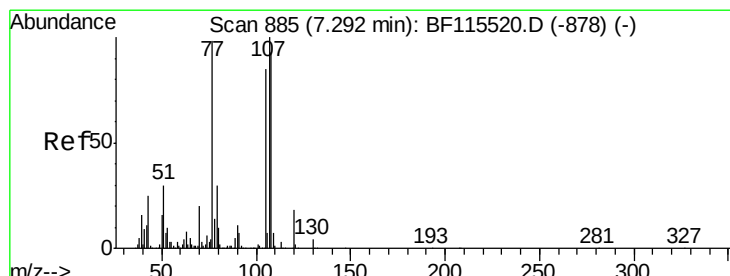
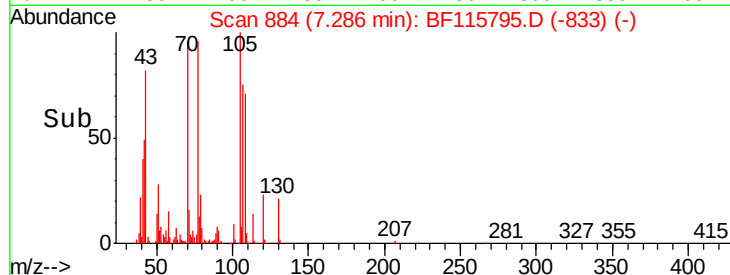
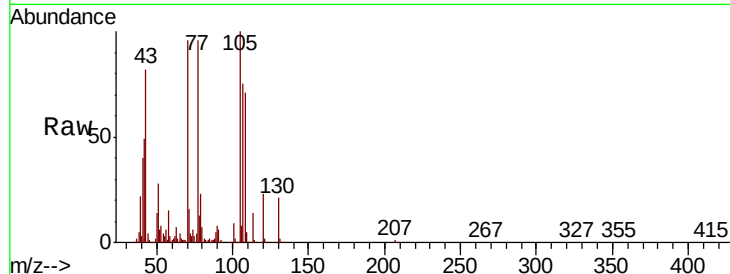
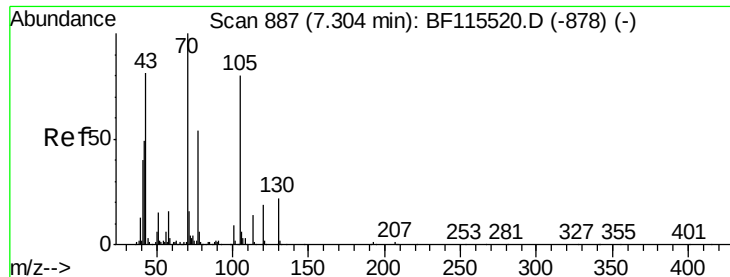
mohammad
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#18
Hexachloroethane
Concen: 39.009 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	74.8	112.2	
201	105.5	77.6	116.4	





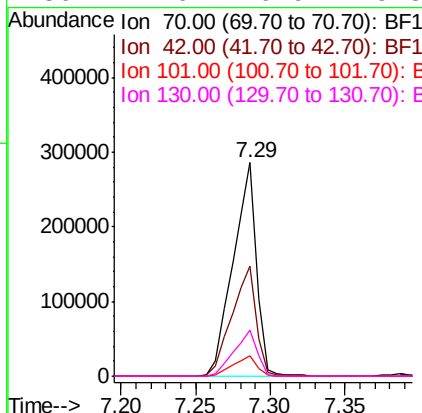
#19
n-Nitroso-di-n-propylamine
Concen: 44.185 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.7	41.8	62.8	
101	9.8	7.6	11.4	
130	21.6	16.9	25.3	

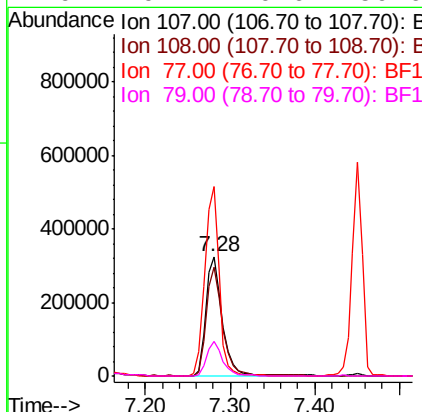
Manual Integrations
APPROVED

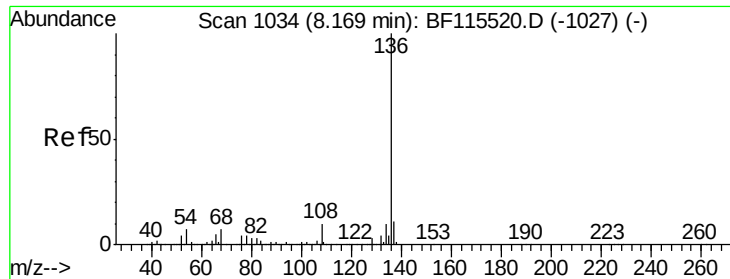
mohammad
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#20
3+4-Methylphenols
Concen: 42.802 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.2	73.0	113.0	
77	158.1	107.5	147.5	
79	29.1	10.6	50.6	





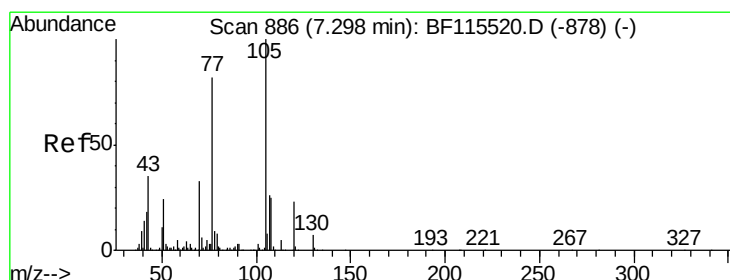
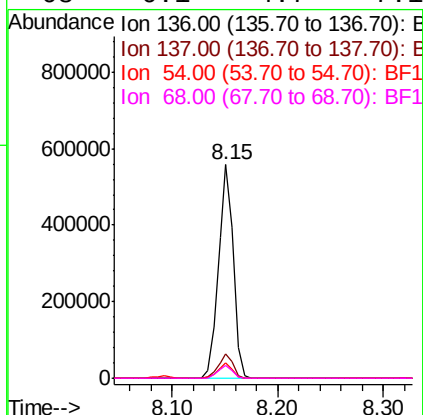
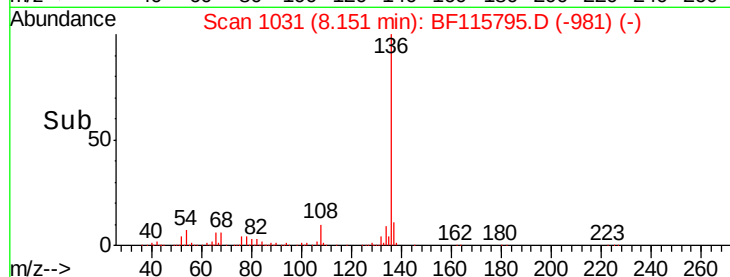
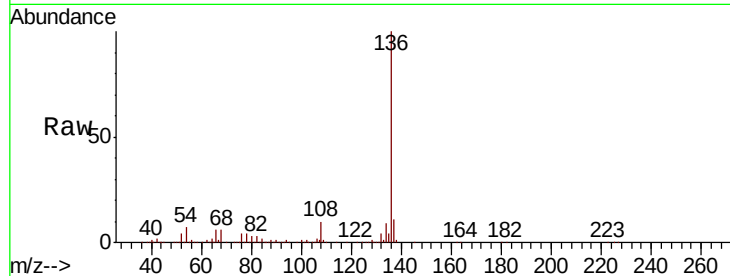
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		554909		
137	11.3	8.7	13.1		
54	7.2	5.0	7.6		
68	6.1	4.7	7.1		

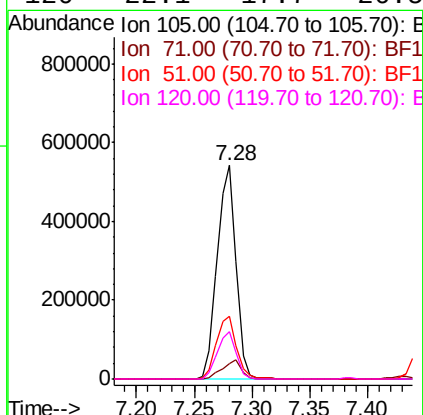
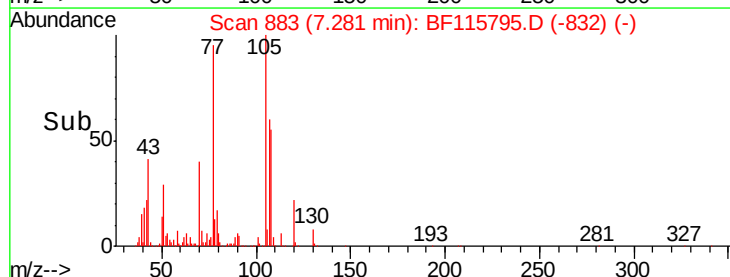
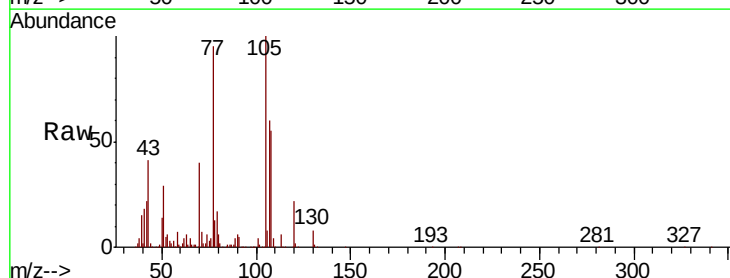
Manual Integrations
APPROVED

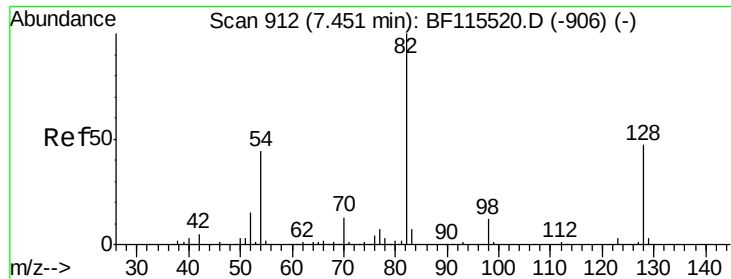
mohammad
7/29/2019 5:29:02 PM



#22
Acetophenone
Concen: 48.876 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		612725		
71	7.0	4.7	7.1		
51	29.2	25.6	38.4		
120	22.1	17.7	26.5		





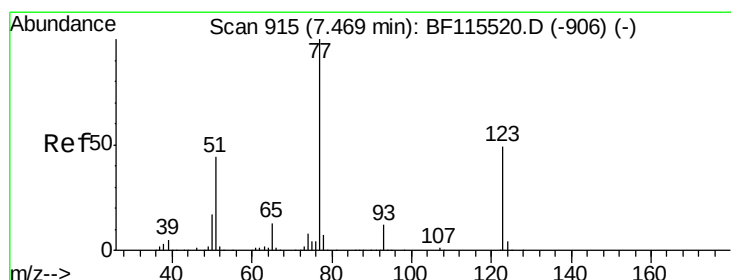
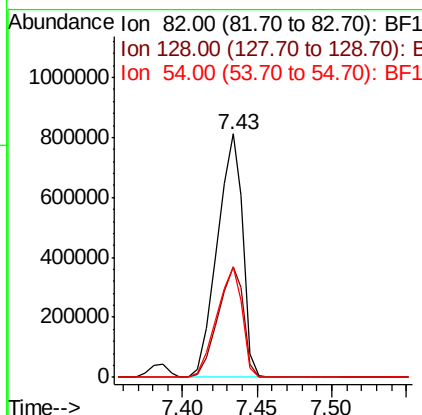
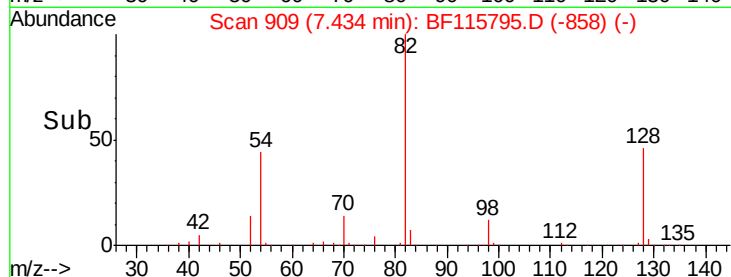
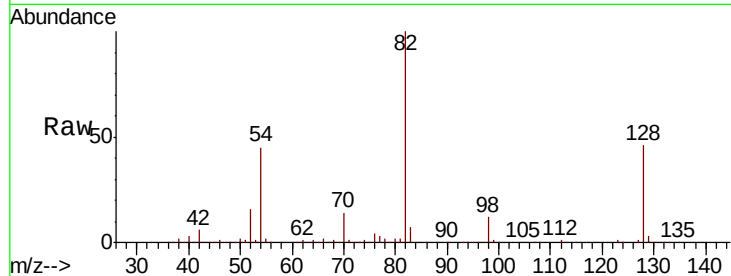
#23
Nitrobenzene-d5
Concen: 101.335 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.6	55.0
54	45.2	36.6	54.8

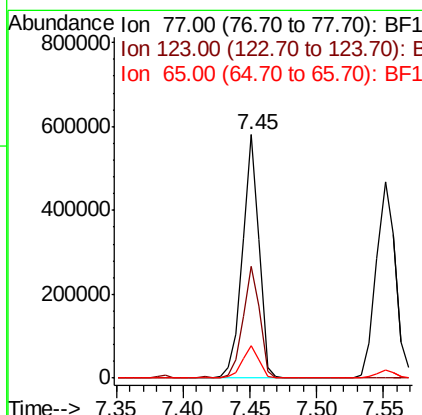
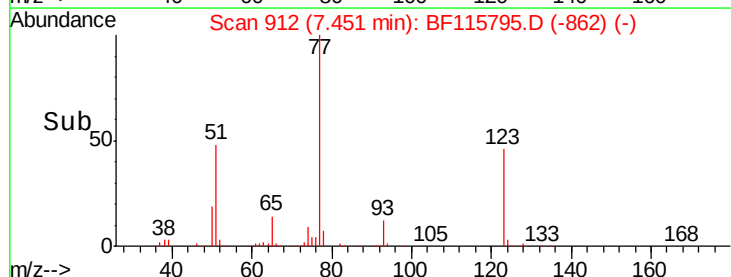
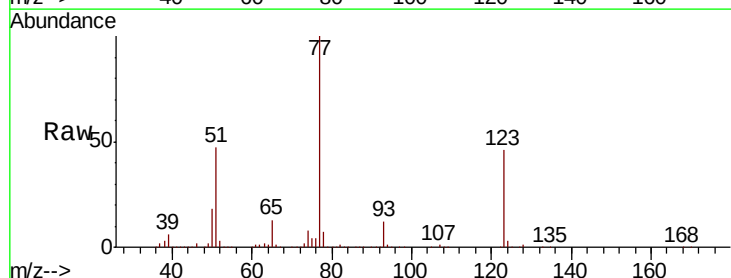
Manual Integrations
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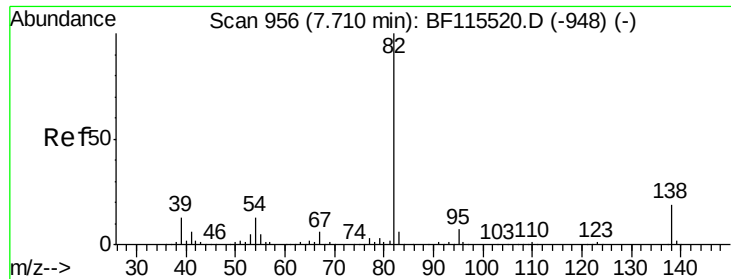
mohammad
7/29/2019 5:29:02 PM



#24
Nitrobenzene
Concen: 48.405 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	39.9	59.9
65	13.5	10.5	15.7





#25

Isophorone

Concen: 48.167 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

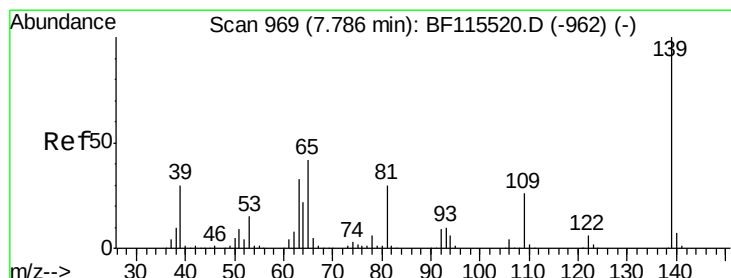
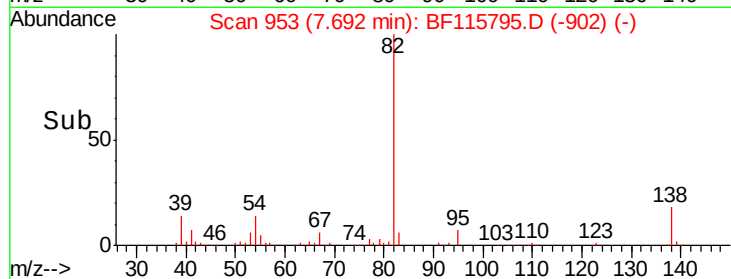
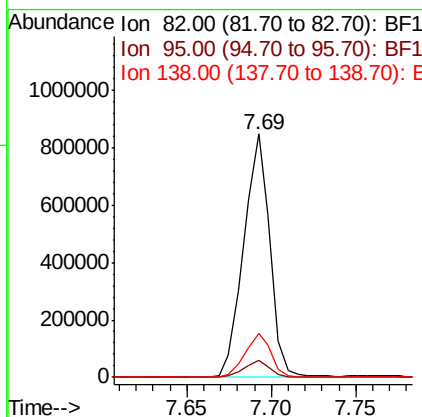
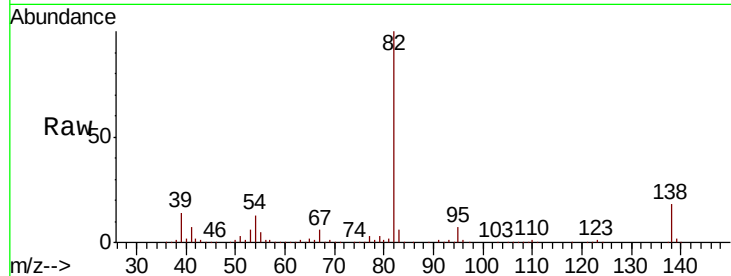
ClientSampleId :

BU-03-072419MS

Tot Ion:	82	Resp:	919815
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.6	8.4
138	18.1	14.2	21.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.663 ng

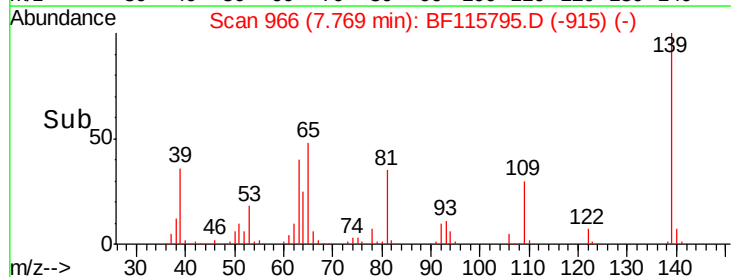
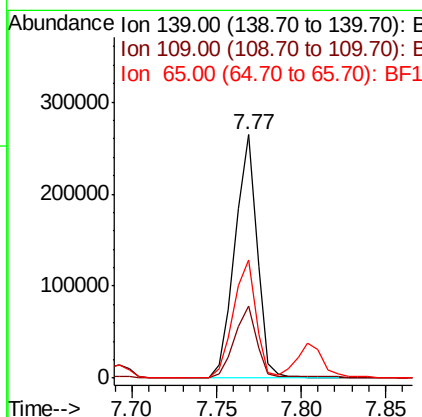
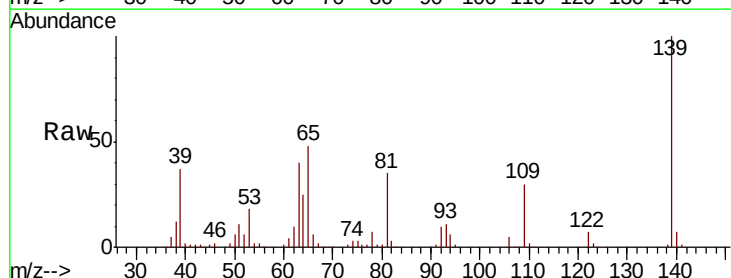
RT: 7.77 min Scan# 966

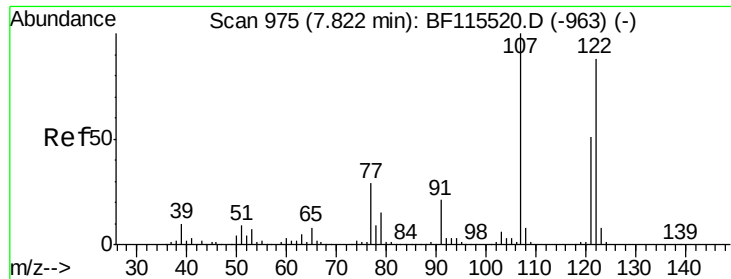
Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:	139	Resp:	241928
Ion Ratio		Lower	Upper
139	100		
109	29.7	23.2	34.8
65	48.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 51.305 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

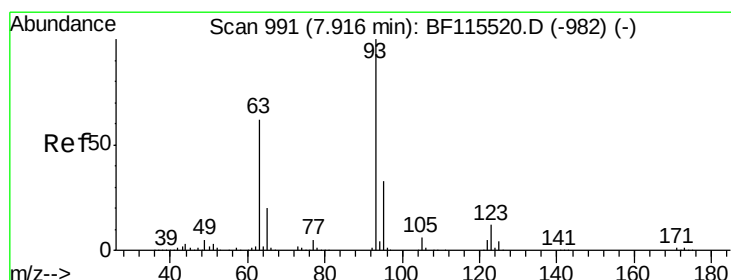
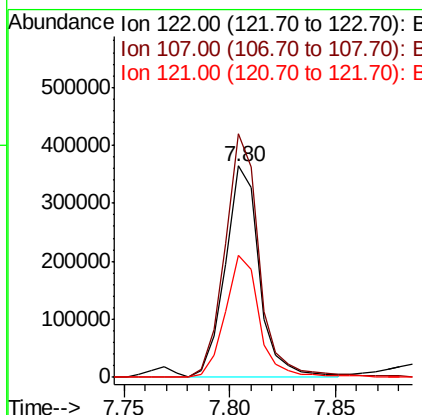
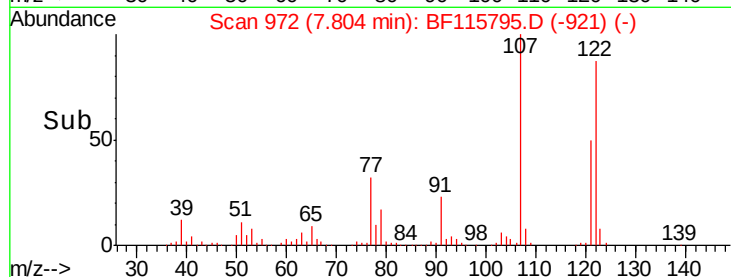
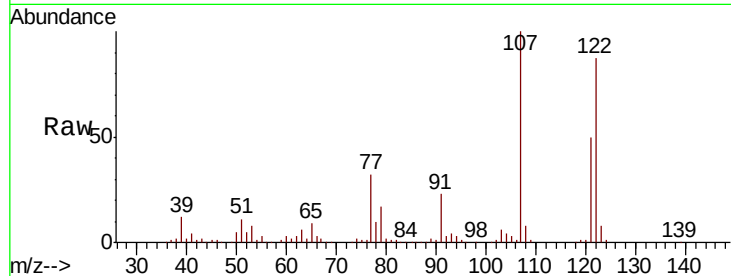
ClientSampleId :

BU-03-072419MS

Tot Ion:	122	Resp:	406705
Ion Ratio	Lower	Upper	
122	100		
107	115.3	92.6	138.8
121	57.8	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 48.623 ng

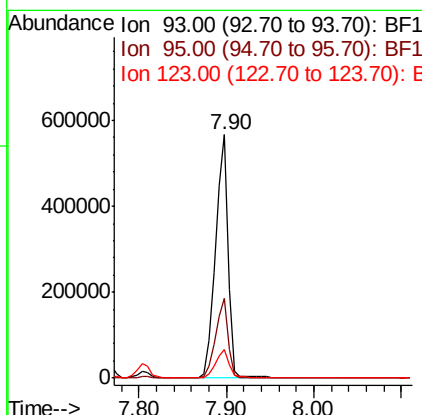
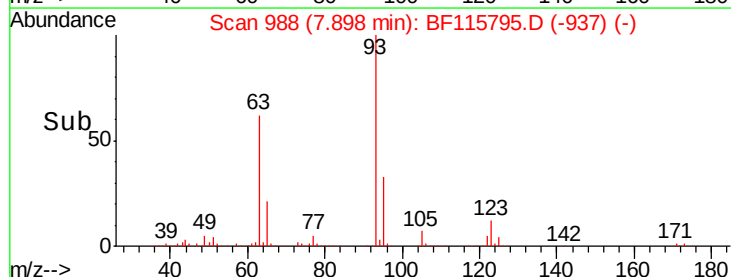
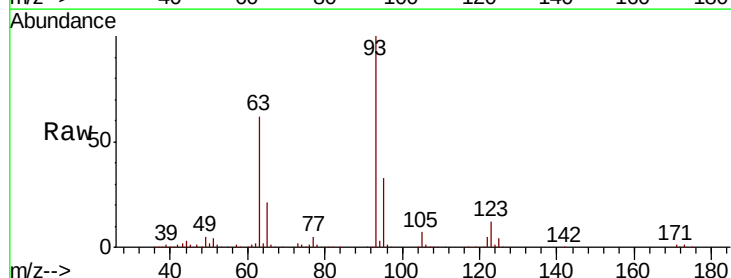
RT: 7.90 min Scan# 988

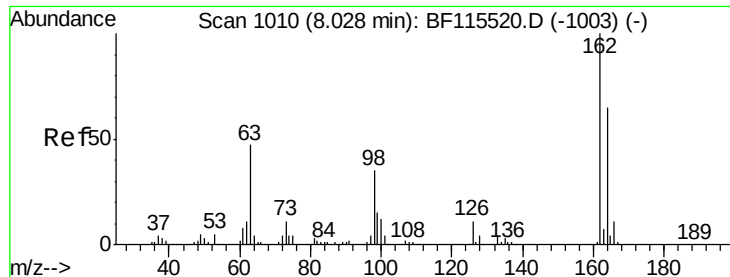
Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:	93	Resp:	569627
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.4
123	12.0	9.3	13.9





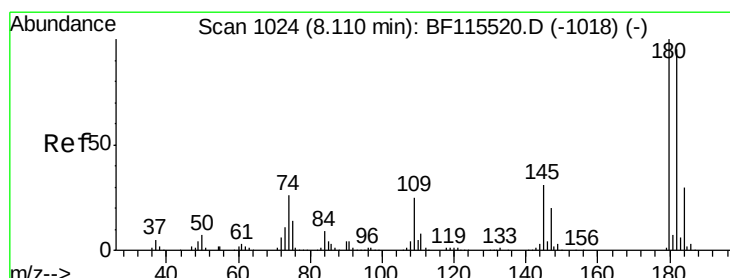
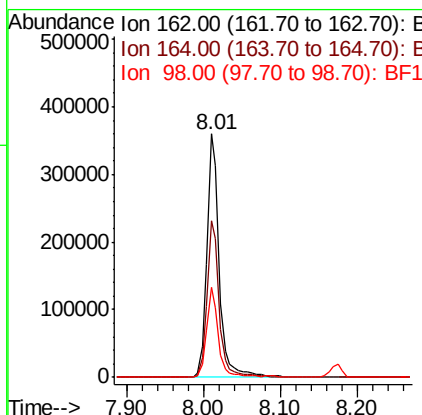
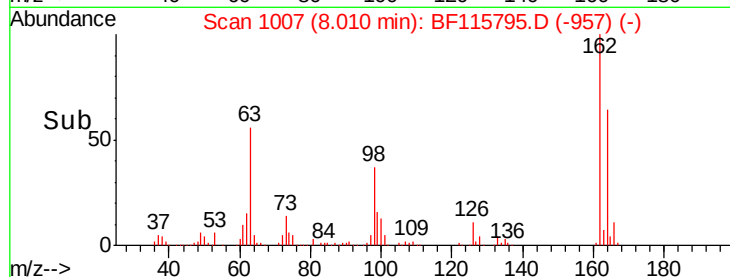
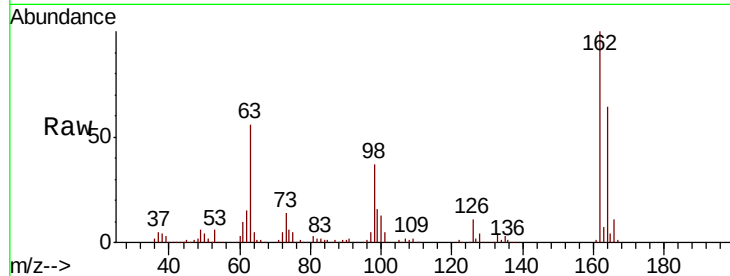
#29
 2,4-Dichlorophenol
 Concen: 48.281 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Tot Ion:	162	Resp:	398047
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.1	84.1
98	37.0	12.9	52.9

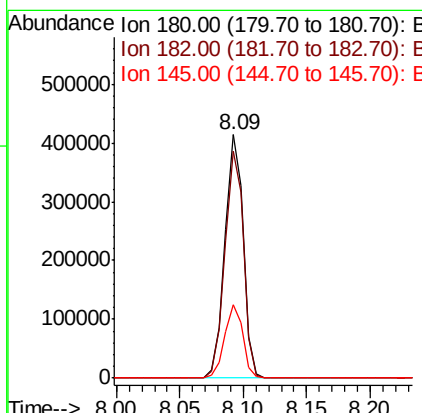
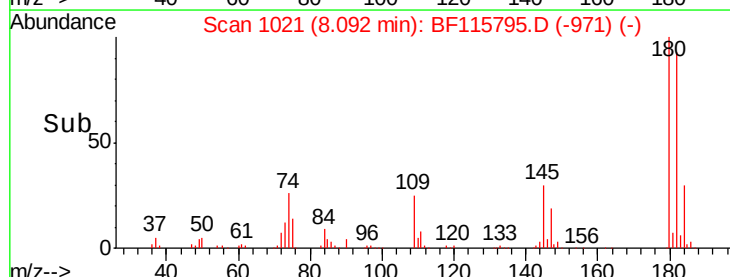
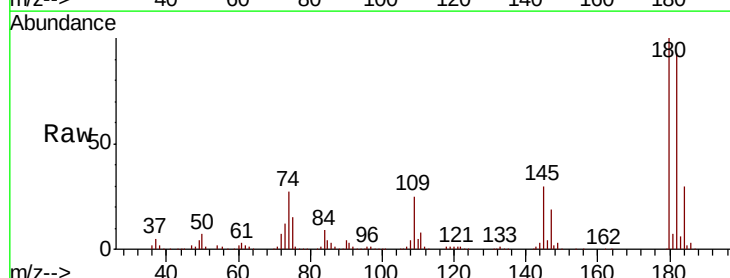
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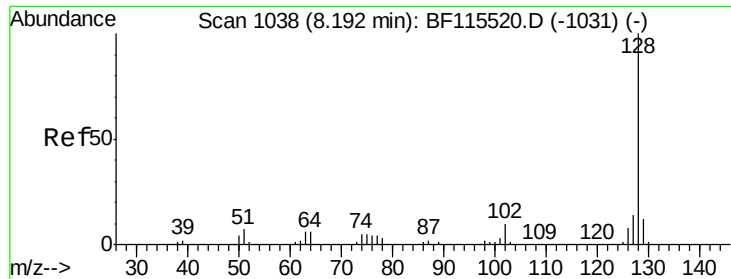
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.700 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion:	180	Resp:	416568
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.7	115.1
145	30.3	23.6	35.4





#31

Naphthalene

Concen: 47.846 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

ClientSampleId :

BU-03-072419MS

Tot Ion:128 Resp: 1285821

Ion Ratio Lower Upper

128 100

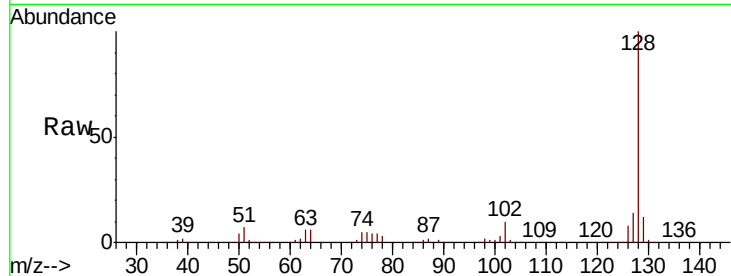
129 11.6 9.4 14.2

127 13.8 10.9 16.3

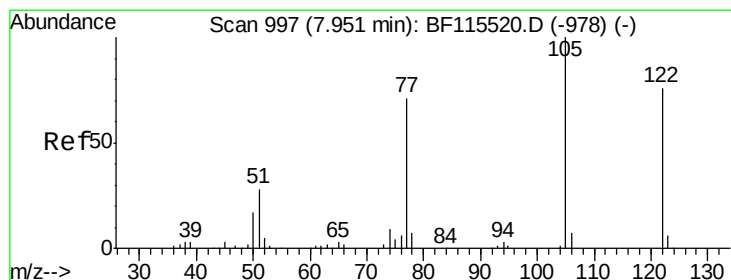
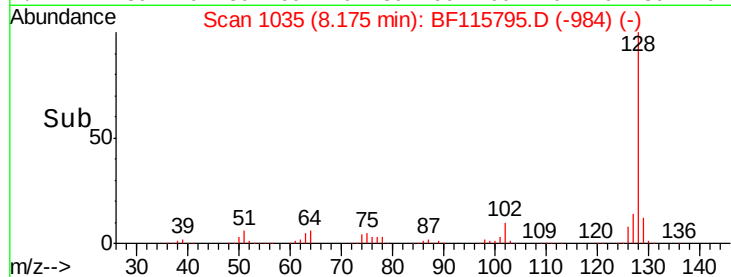
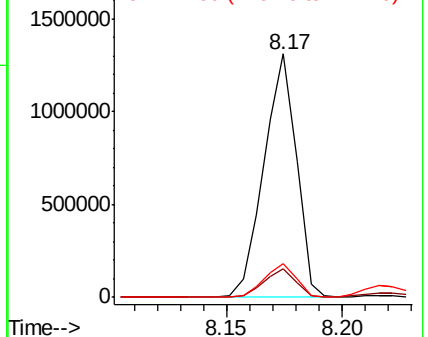
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.759 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

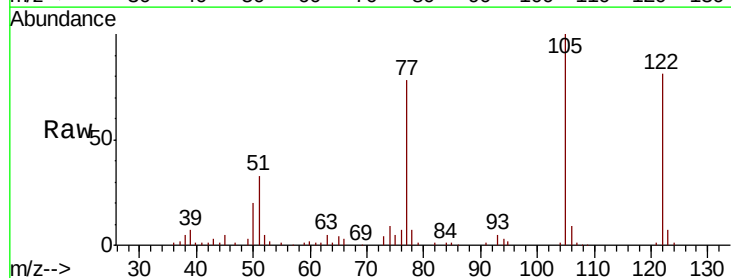
Tgt Ion:122 Resp: 141558

Ion Ratio Lower Upper

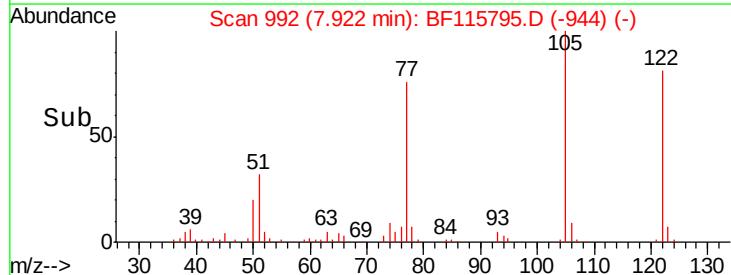
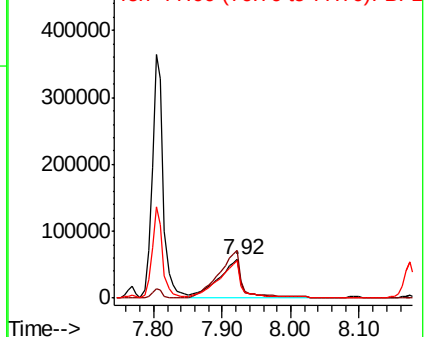
122 100

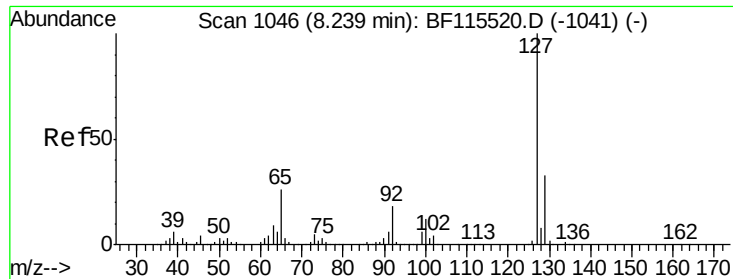
105 123.6 102.0 142.0

77 96.7 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





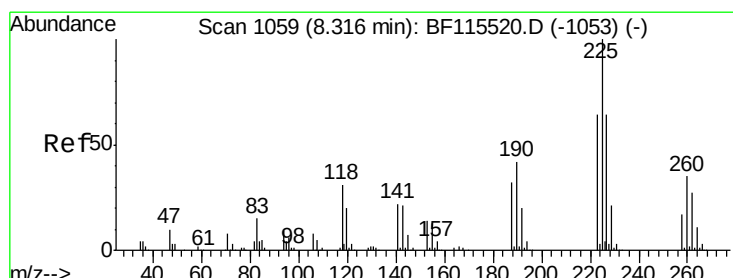
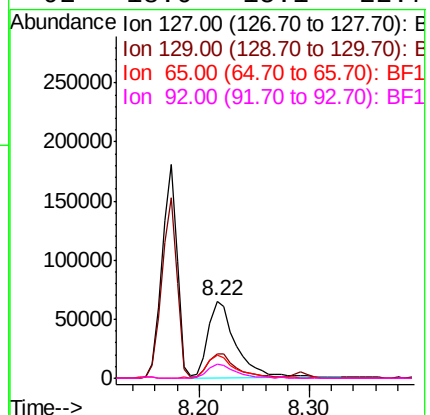
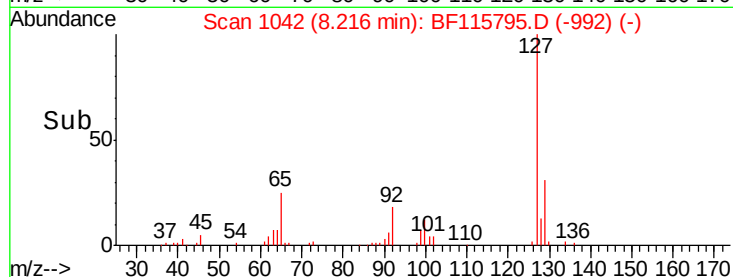
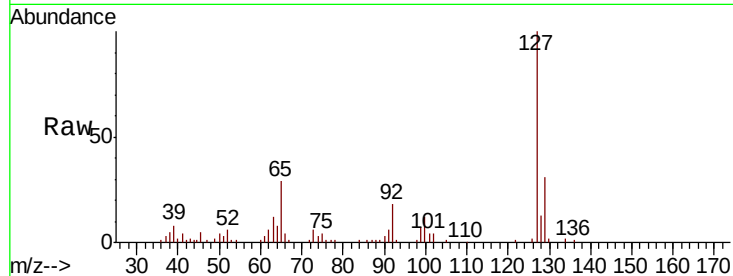
#33
 4-Chloroaniline
 Concen: 9.412 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.3	39.5		
65	29.4	23.8	35.8		
92	18.0	15.1	22.7		

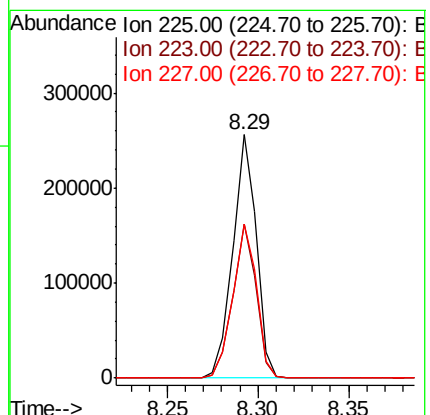
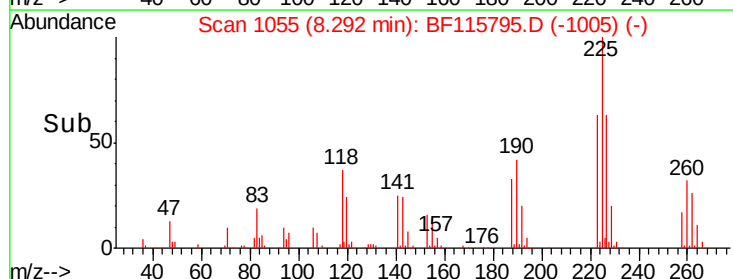
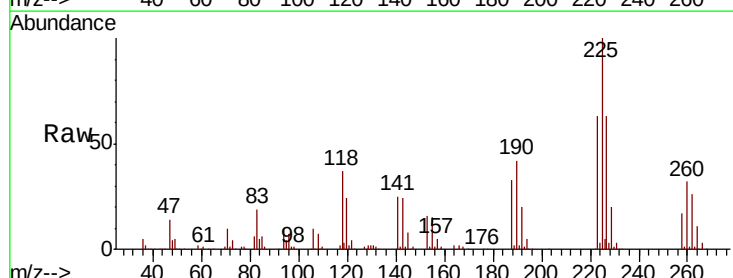
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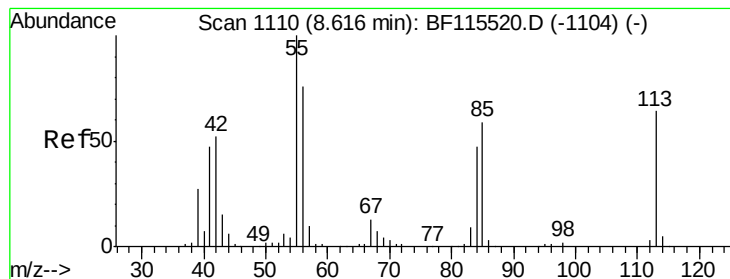
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#34
 Hexachlorobutadiene
 Concen: 43.250 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.0	76.6		
227	63.3	52.8	79.2		





#35

Caprolactam

Concen: 36.301 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

ClientSampleId :

BU-03-072419MS

Tot Ion:113 Resp: 92481

Ion Ratio Lower Upper

113 100

55 164.8 130.5 170.5

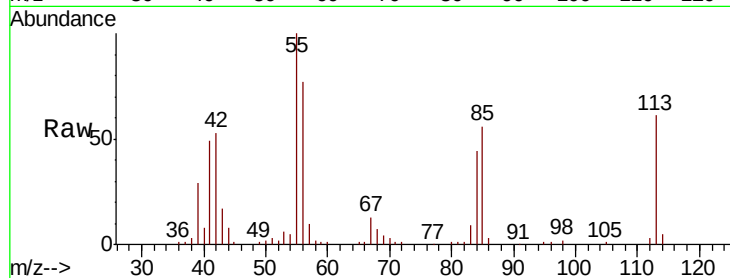
56 127.4 93.1 133.1

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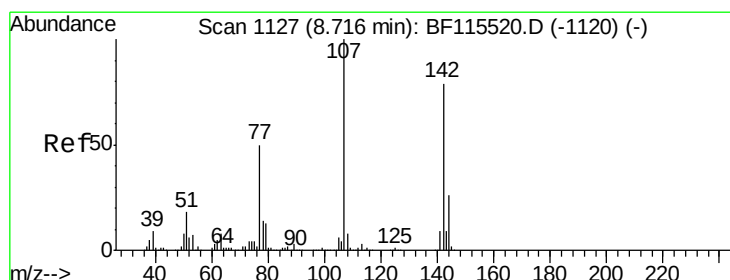
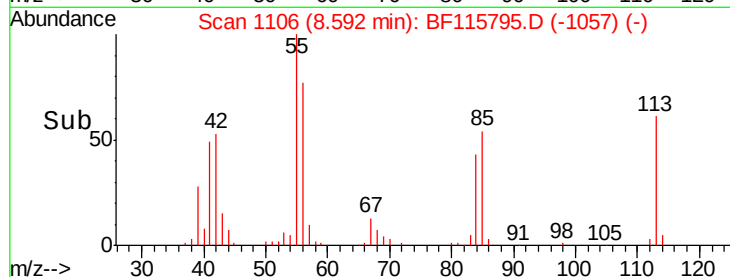
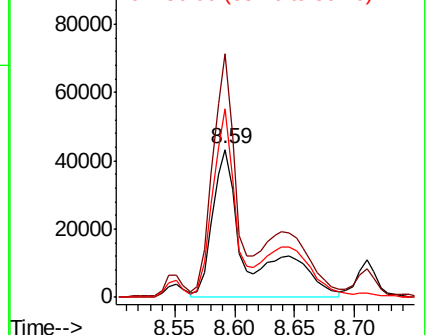
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 49.449 ng/ml

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

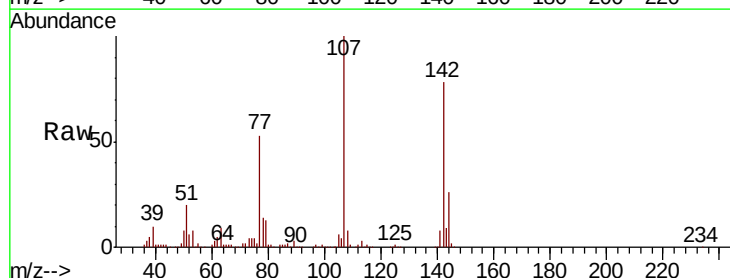
Tgt Ion:107 Resp: 422880

Ion Ratio Lower Upper

107 100

144 25.9 20.1 30.1

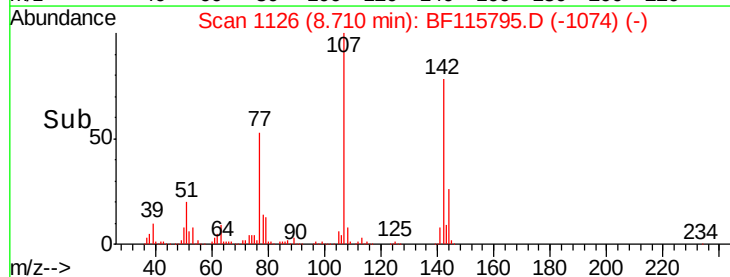
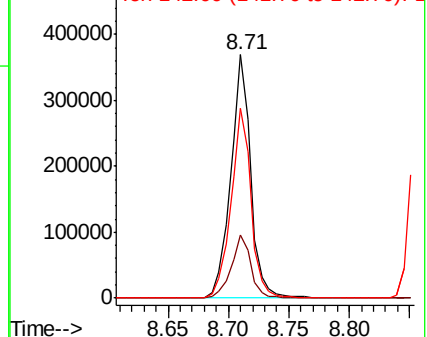
142 78.1 62.3 93.5

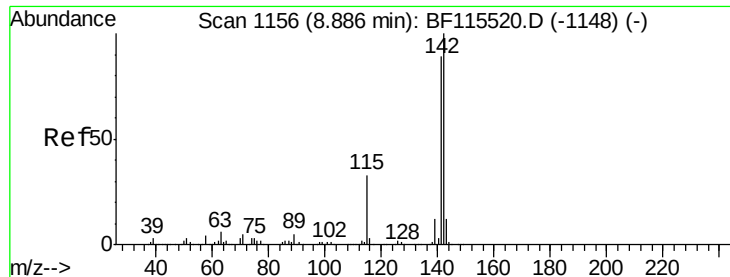


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





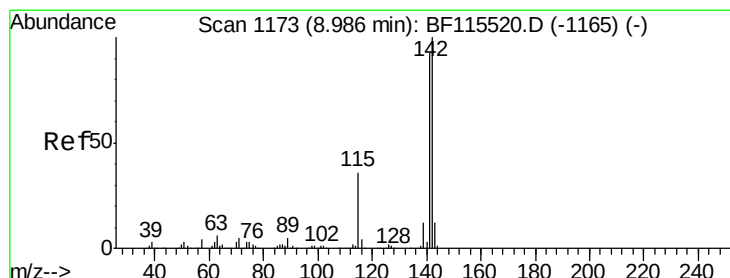
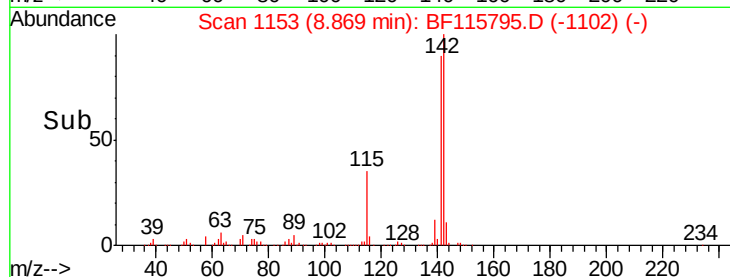
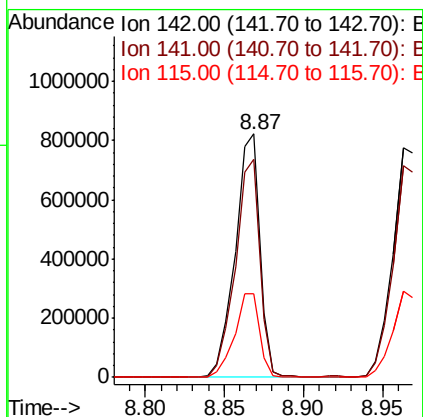
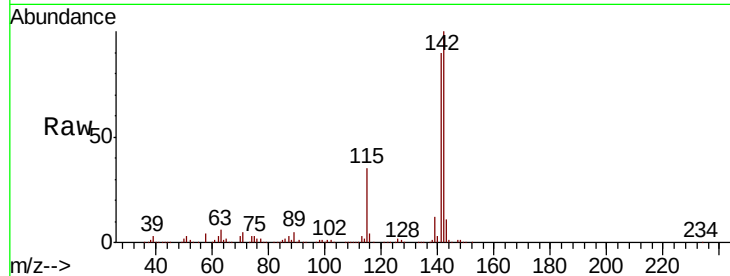
#37
2-Methylnaphthalene
Concen: 49.945 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.4
115	34.6	27.7	41.5

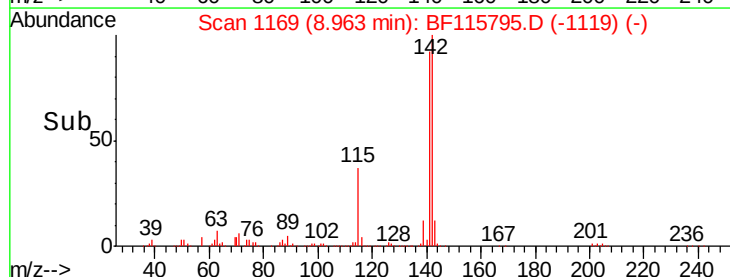
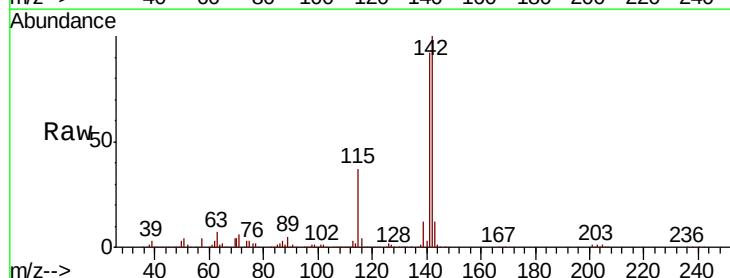
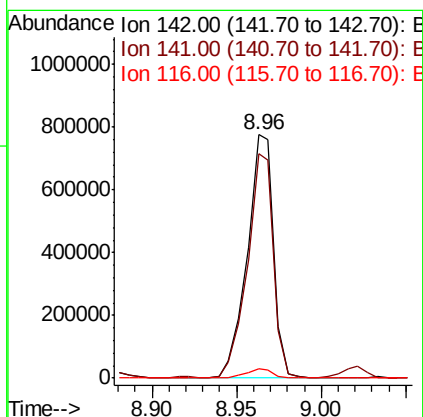
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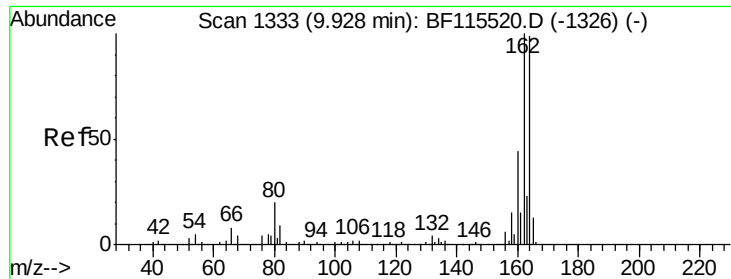
mohammad
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#38
1-Methylnaphthalene
Concen: 49.638 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
116	4.0	3.0	4.6





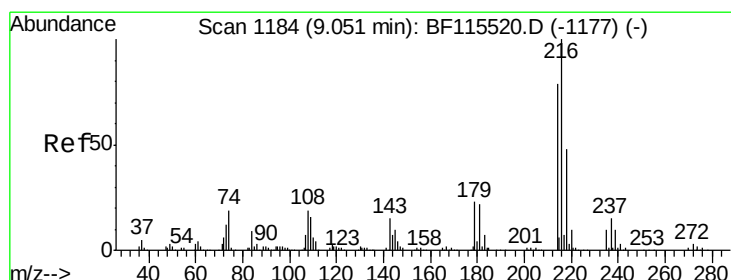
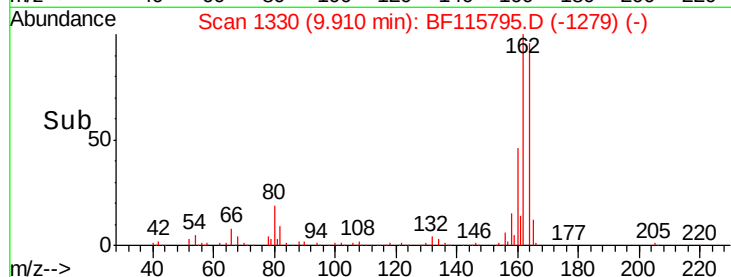
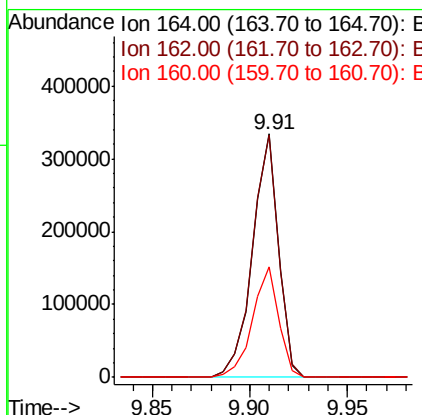
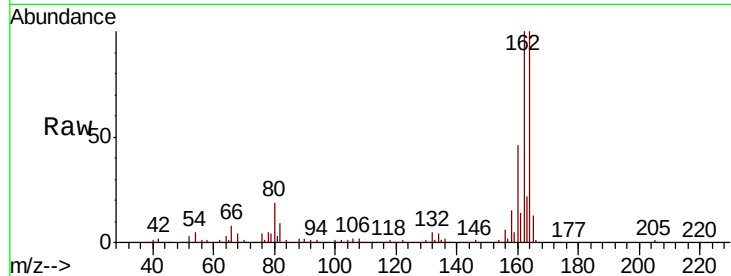
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.8	81.8	122.6	
160	45.6	37.5	56.3	

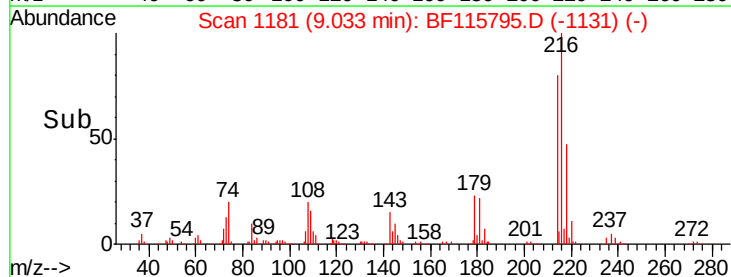
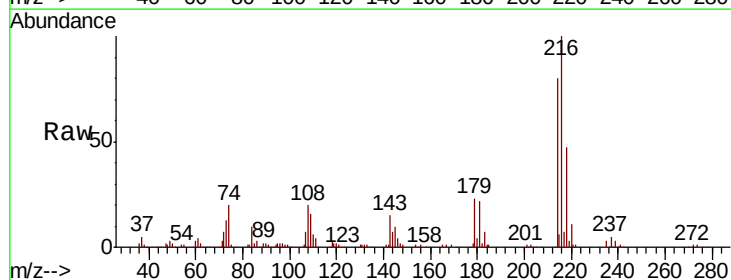
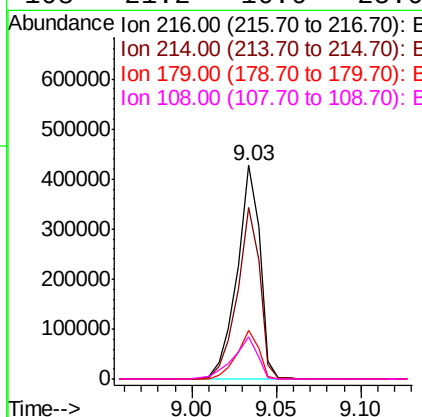
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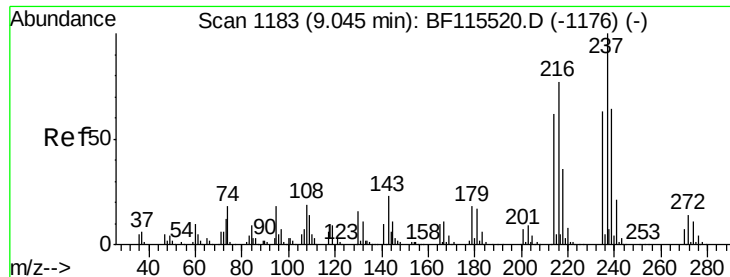
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.215 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.6	
179	22.1	17.4	26.2	
108	21.2	16.6	25.0	





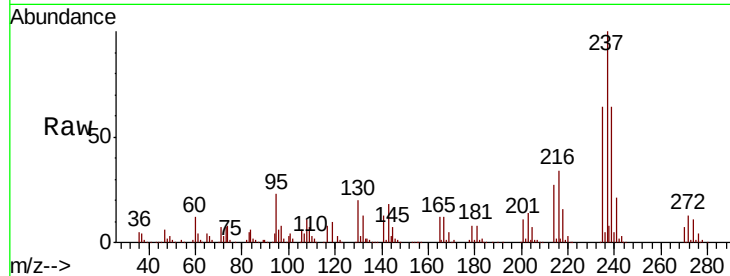
#41
Hexachlorocyclopentadiene
Concen: 52.741 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

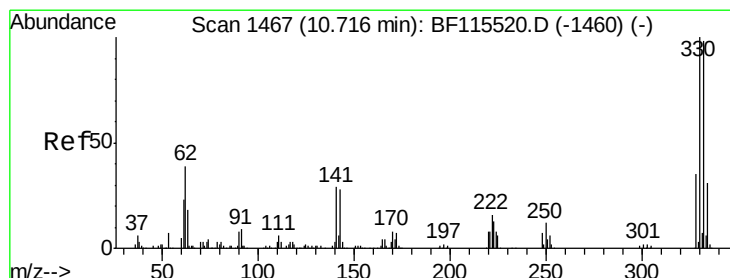
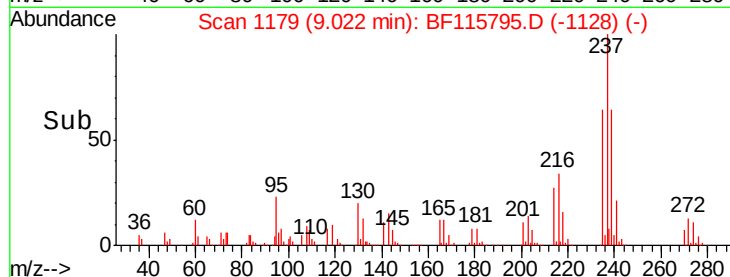
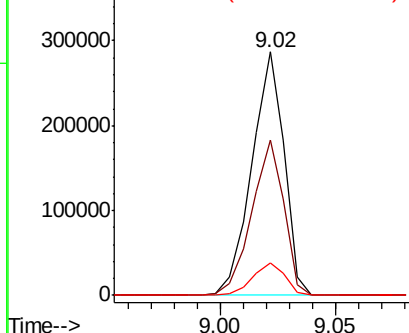
Tot Ion:	237	Resp:	279945
Ion Ratio	Lower	Upper	
237	100		
235	64.0	44.3	84.3
272	13.1	0.0	33.0

Manual Integrations
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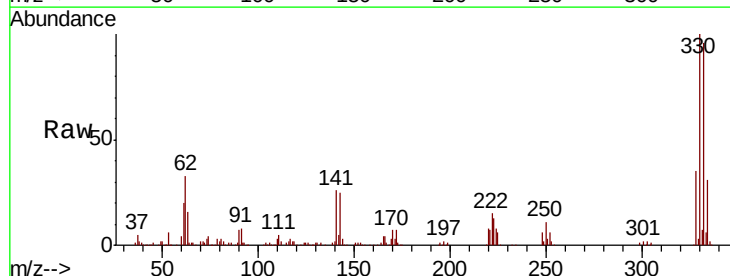


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

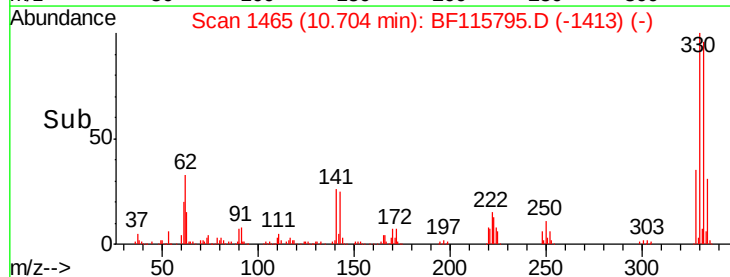
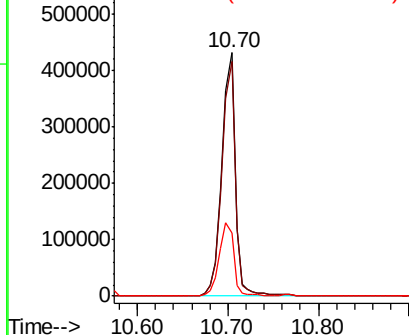


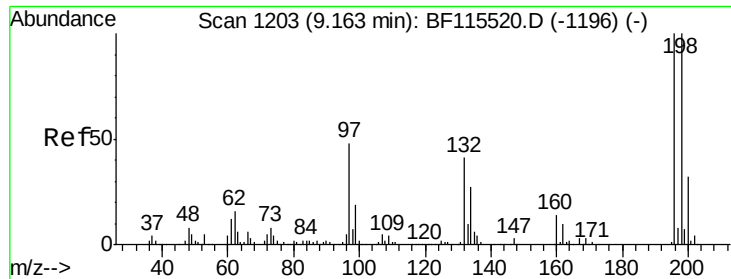
#42
2,4,6-Tribromophenol
Concen: 123.274 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion:	330	Resp:	444620
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.1	114.1
141	32.6	25.9	38.9



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





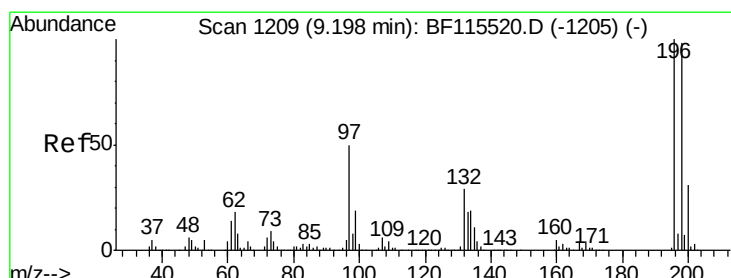
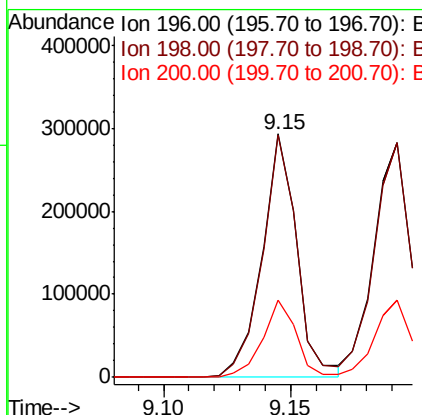
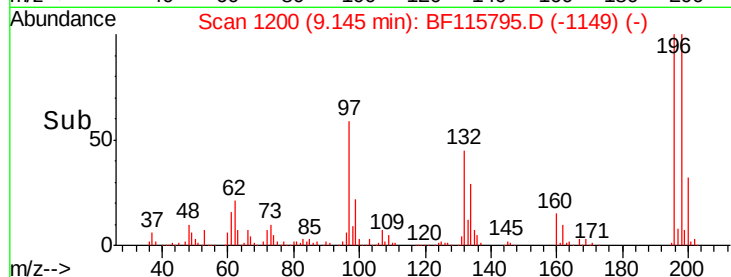
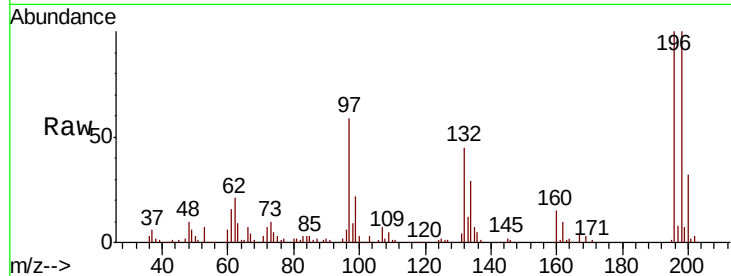
#43
 2,4,6-Trichlorophenol
 Concen: 41.333 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281258		
198	99.6	79.8	119.6	
200	31.6	25.4	38.0	

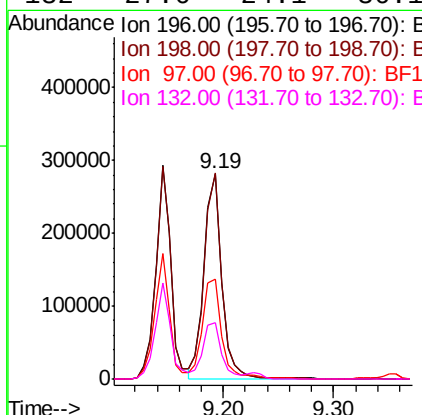
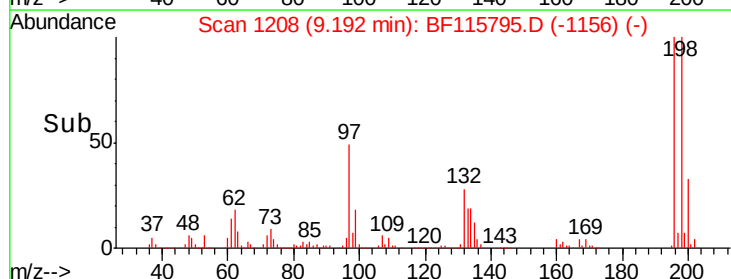
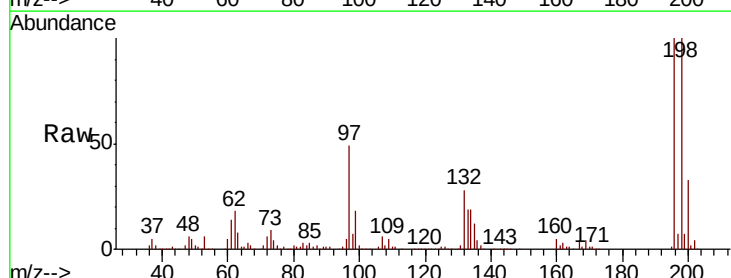
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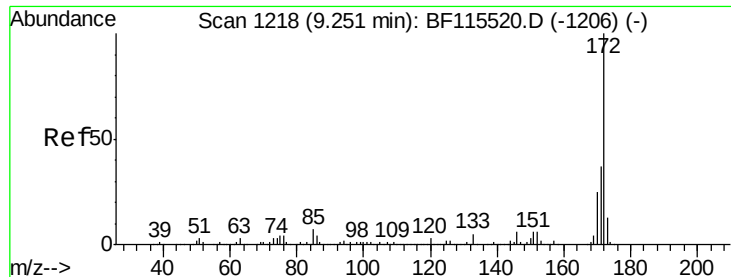
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.822 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305388		
198	100.2	78.2	117.2	
97	48.6	41.9	62.9	
132	27.6	24.1	36.1	





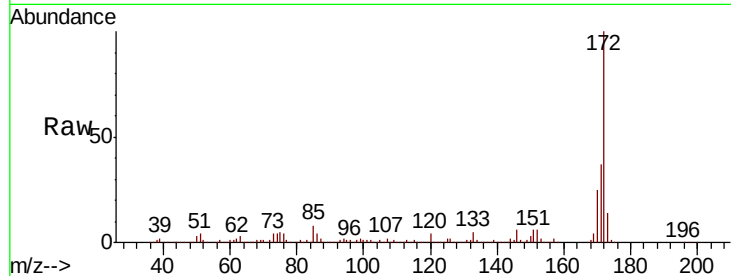
#45
2-Fluorobiphenyl
Concen: 97.514 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	24.8	20.1	30.1

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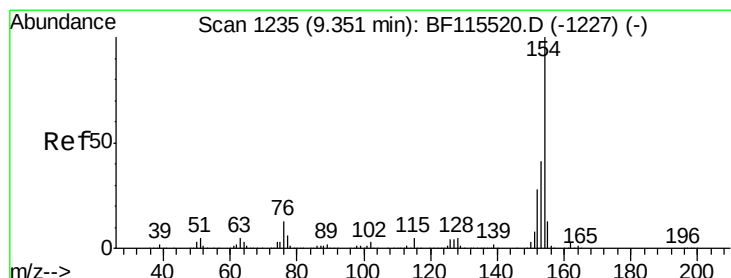
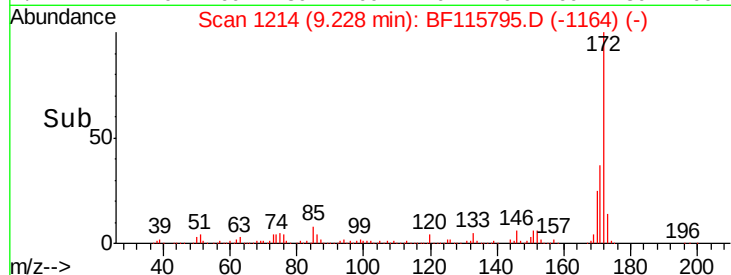
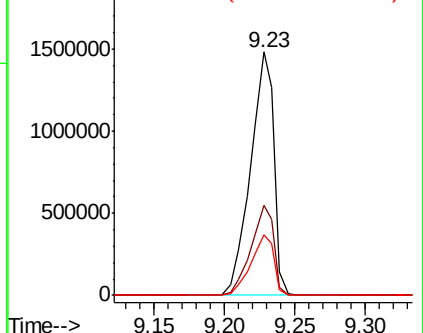


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.458 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

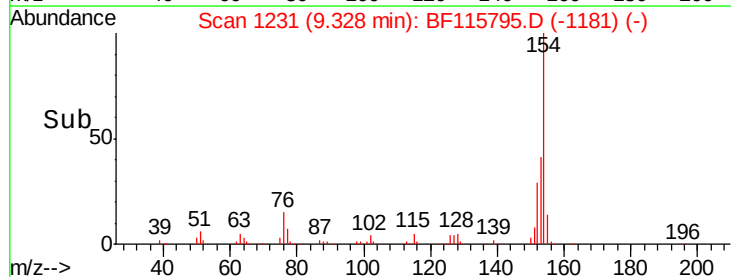
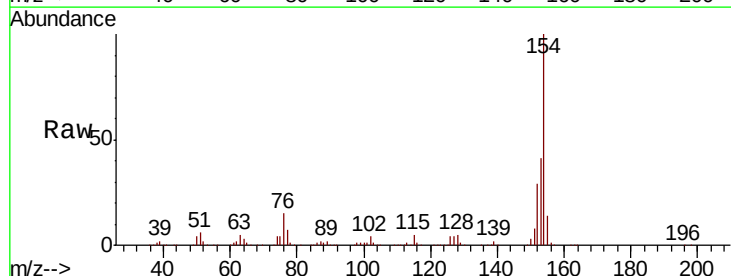
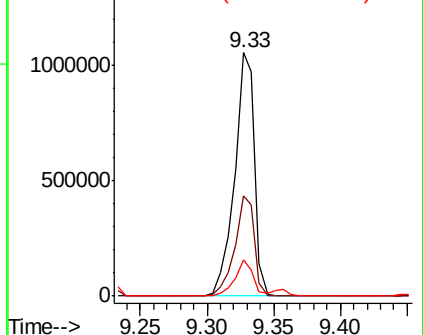
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	14.6	0.0	33.2

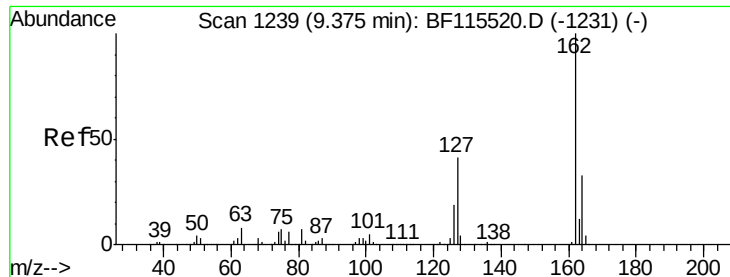
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 42.897 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

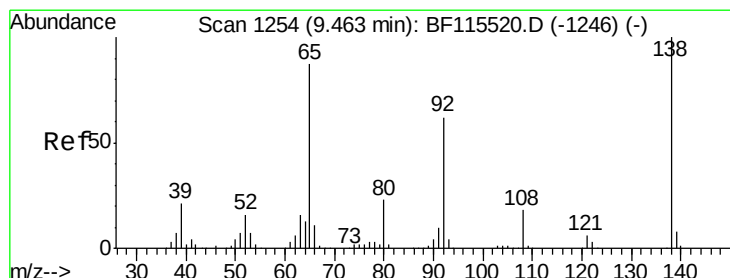
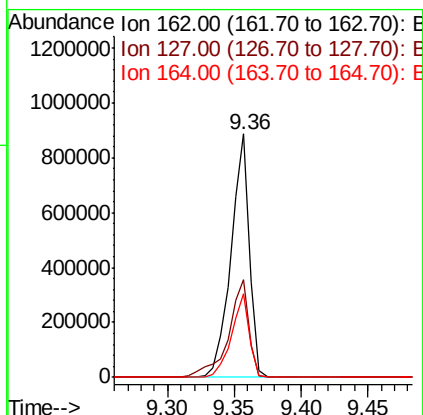
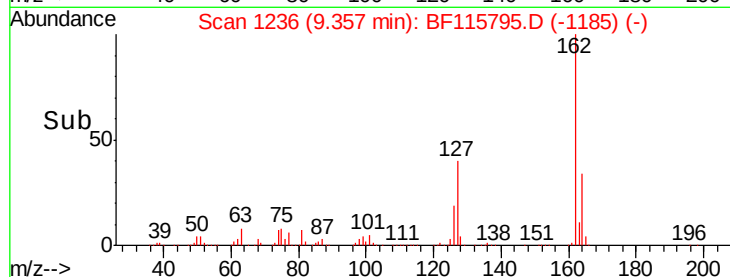
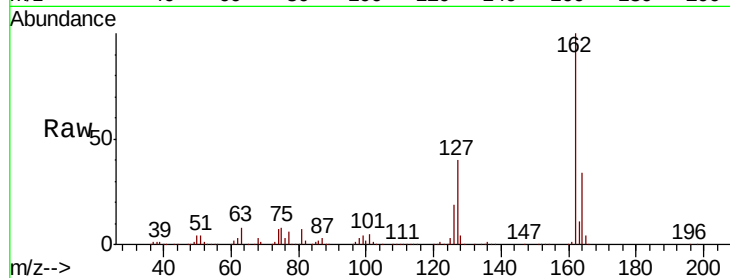
ClientSampleId :

BU-03-072419MS

Tot Ion:	162	Resp:	862850
Ion Ratio	Lower	Upper	
162	100		
127	40.3	32.1	48.1
164	34.1	26.2	39.4

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#48

2-Nitroaniline

Concen: 44.966 ng

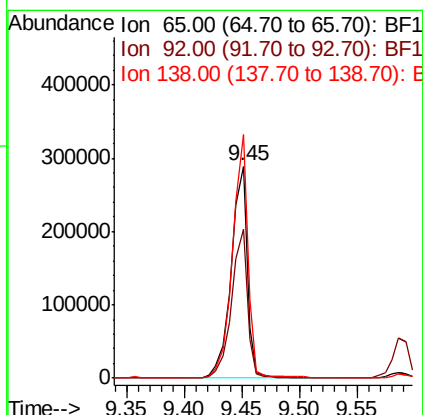
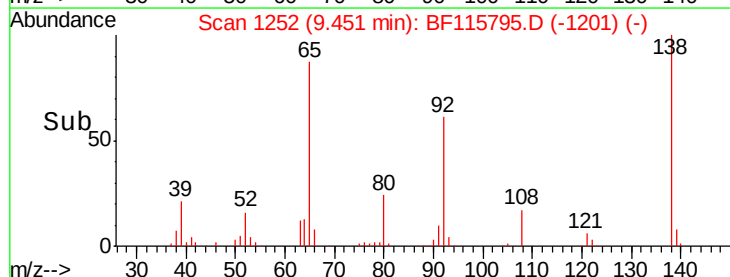
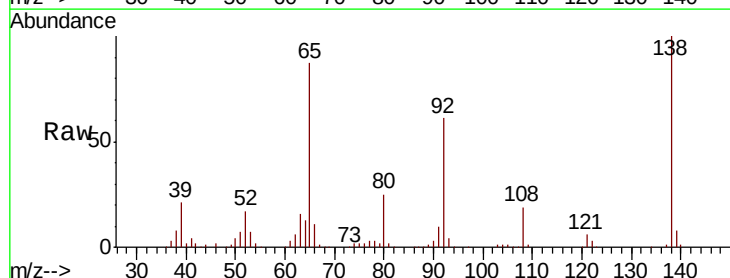
RT: 9.45 min Scan# 1252

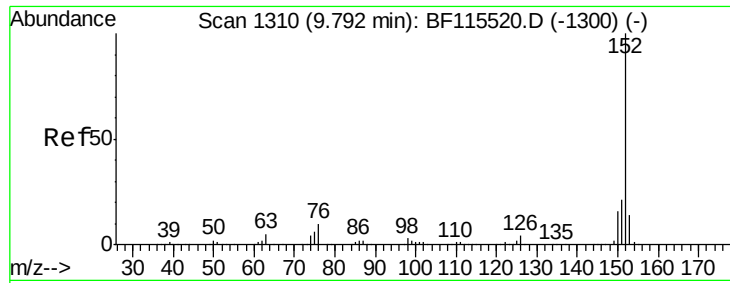
Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:	65	Resp:	279944
Ion Ratio	Lower	Upper	
65	100		
92	70.5	56.9	85.3
138	114.8	91.4	137.2





#49

Acenaphthylene

Concen: 44.753 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

ClientSampleId :

BU-03-072419MS

Tot Ion:152 Resp: 1333849

Ion Ratio Lower Upper

152 100

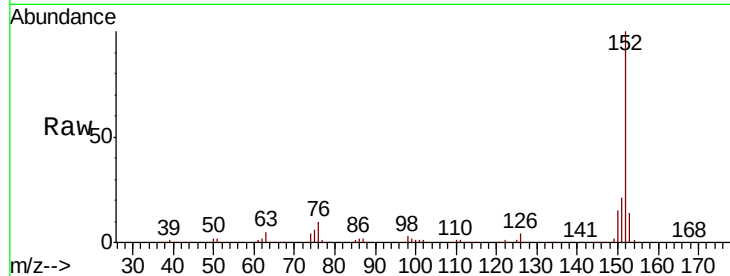
151 20.8 16.9 25.3

153 13.8 11.5 17.3

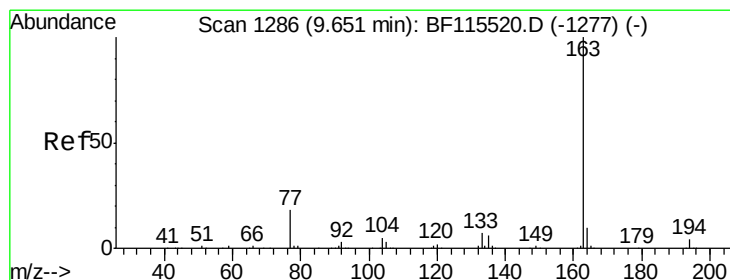
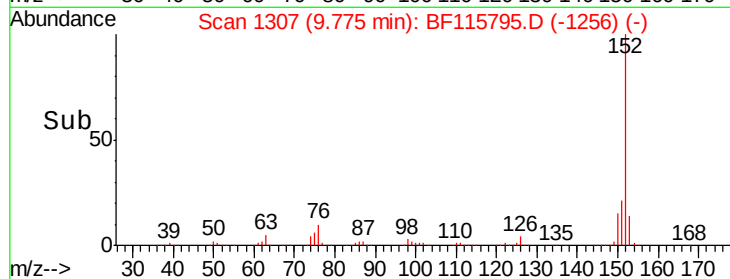
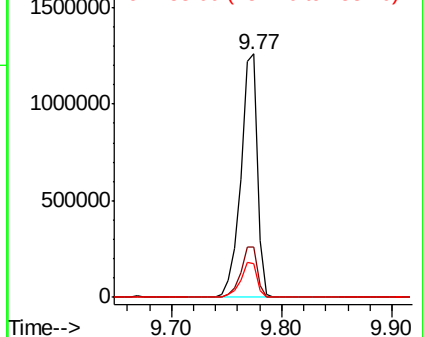
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.879 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

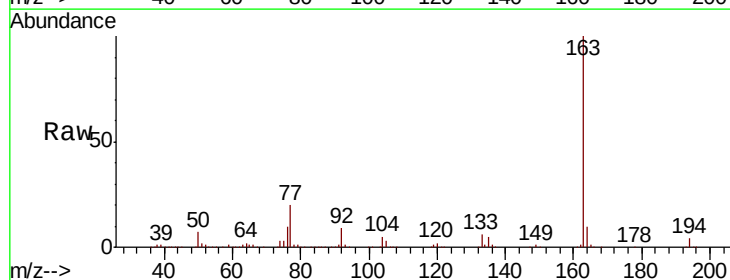
Tgt Ion:163 Resp: 1066602

Ion Ratio Lower Upper

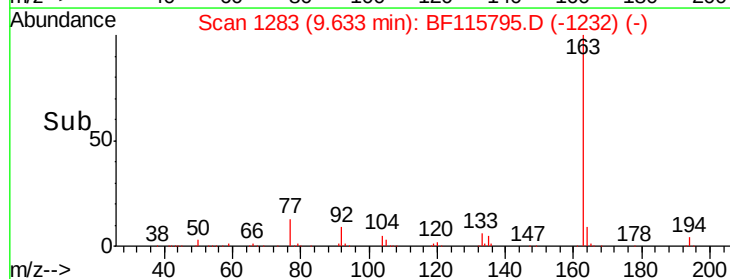
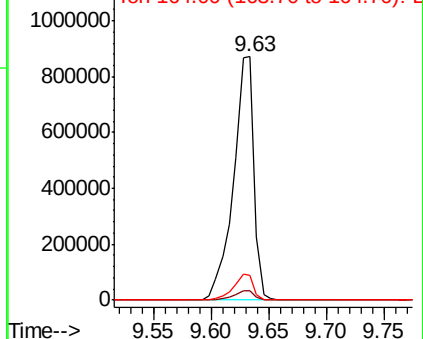
163 100

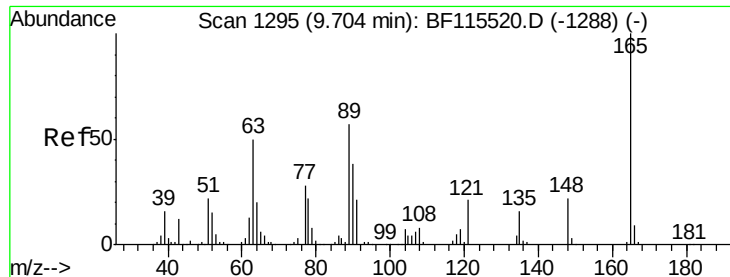
194 3.9 3.2 4.8

164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





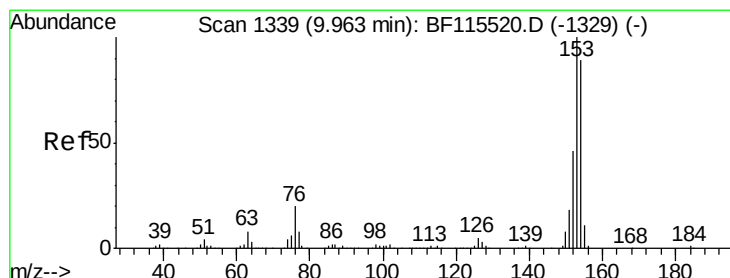
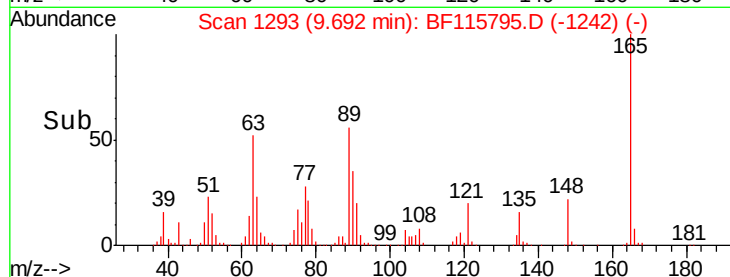
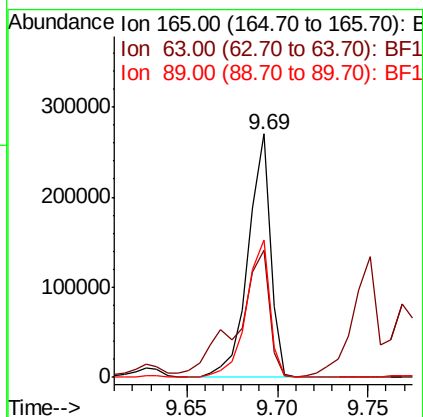
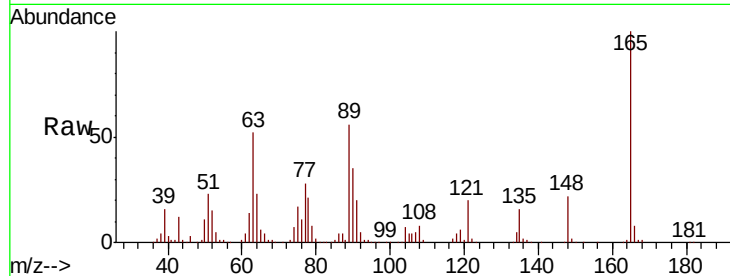
#51
2,6-Dinitrotoluene
Concen: 43.910 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231987		
63	52.2	43.5	65.3	
89	56.5	46.3	69.5	

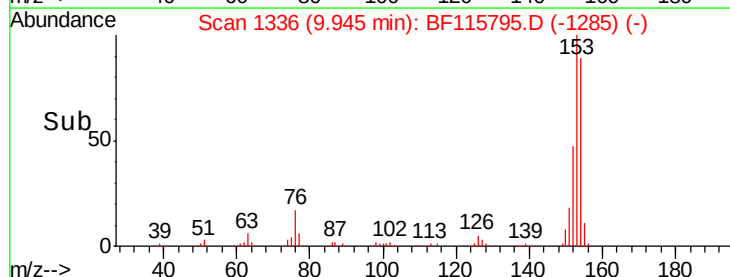
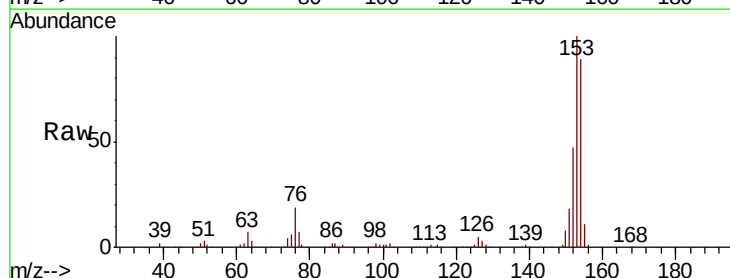
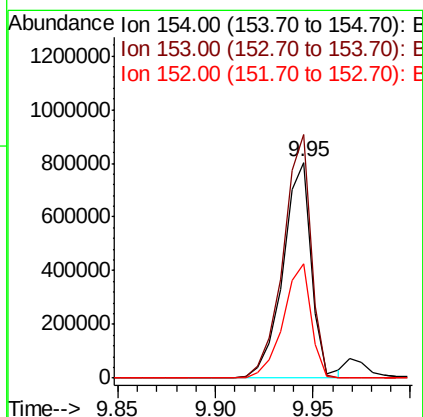
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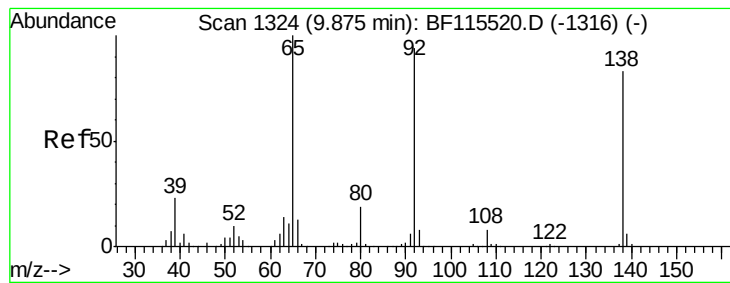
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#52
Acenaphthene
Concen: 42.119 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	810474		
153	113.0	88.1	132.1	
152	52.8	42.0	63.0	





#53

3-Nitroaniline

Concen: 15.015 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

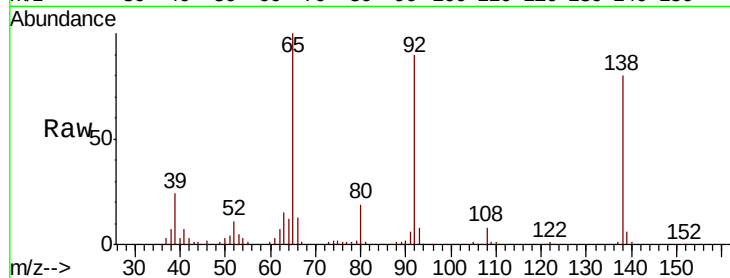
ClientSampleID :

BU-03-072419MS

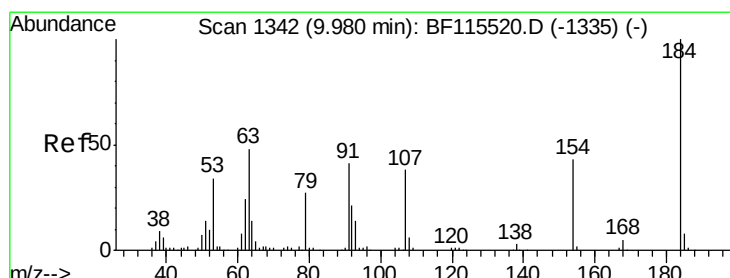
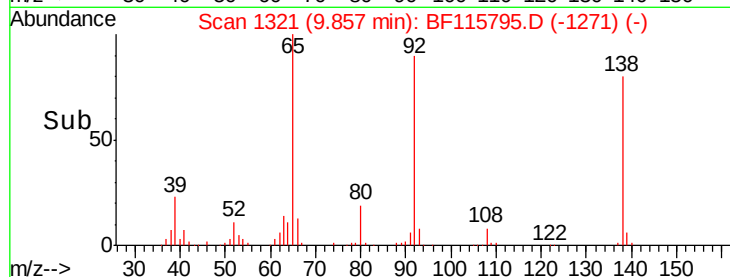
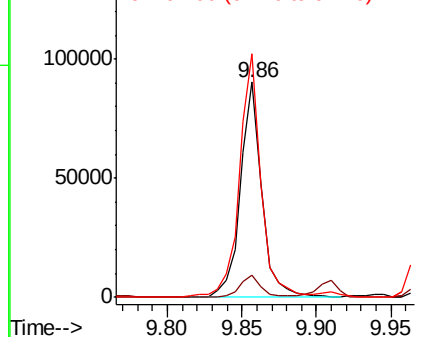
Tot Ion:	138	Resp:	90653
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.9	11.9
92	113.2	87.2	130.8

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



#54

2,4-Dinitrophenol

Concen: 44.162 ng

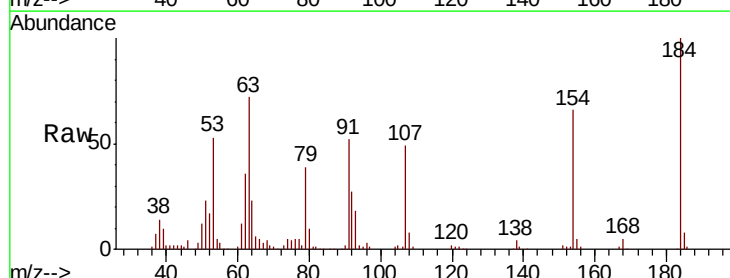
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

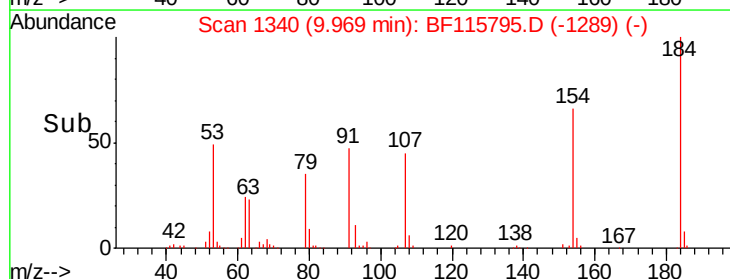
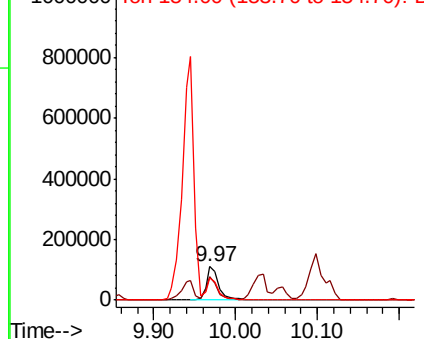
Lab File: BF115795.D

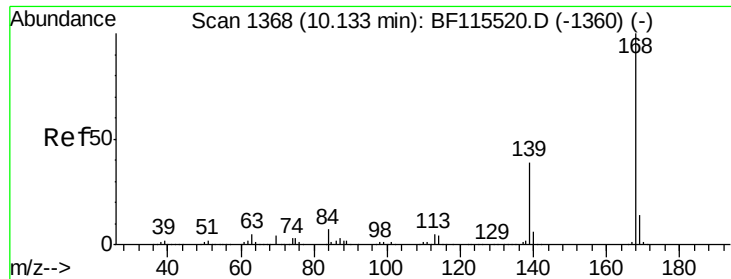
Acq: 26 Jul 2019 19:10

Tgt Ion:	184	Resp:	119790
Ion Ratio	Lower	Upper	
184	100		
63	72.0	55.2	82.8
154	66.5	51.4	77.0



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





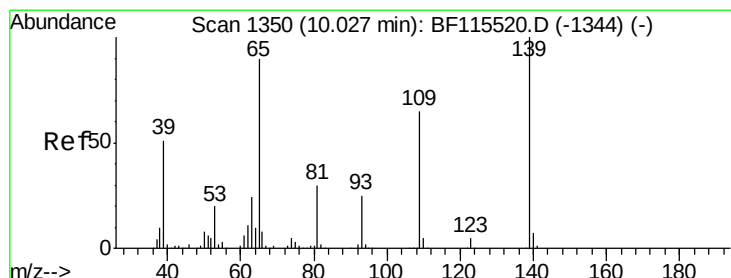
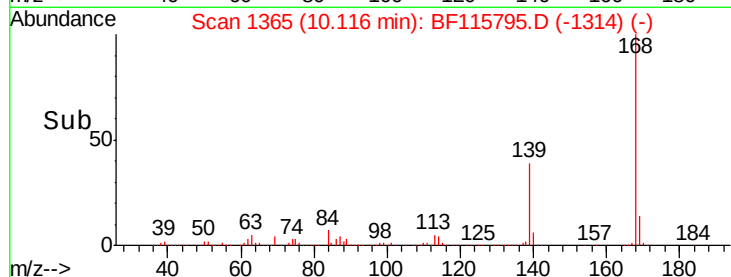
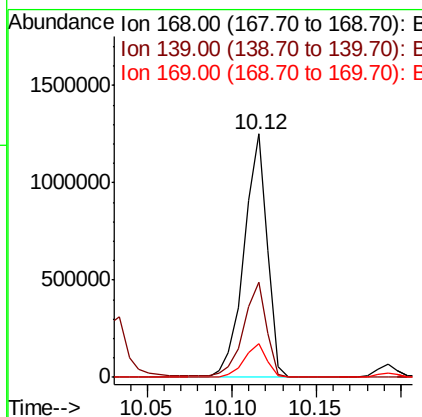
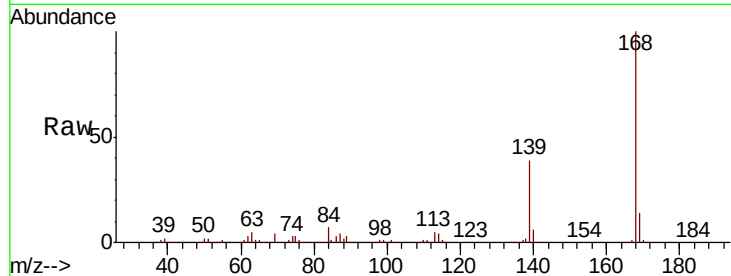
#55
Dibenzofuran
Concen: 43.999 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion:168 Resp: 1202345
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.2
169 14.0 11.3 16.9

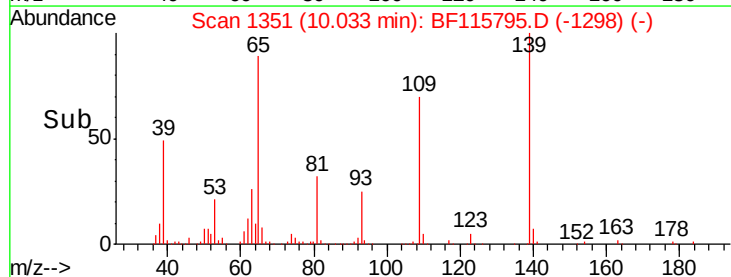
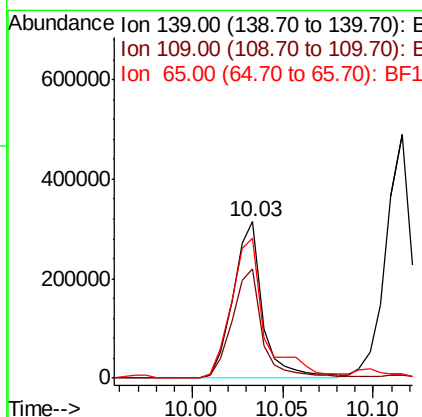
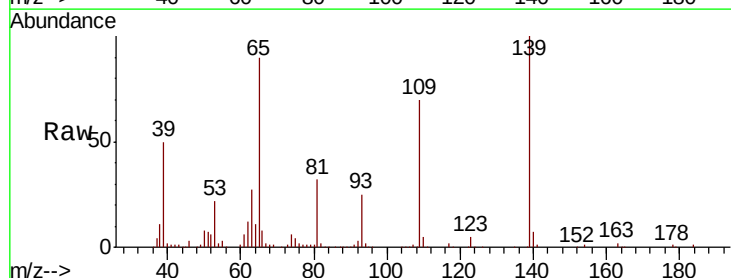
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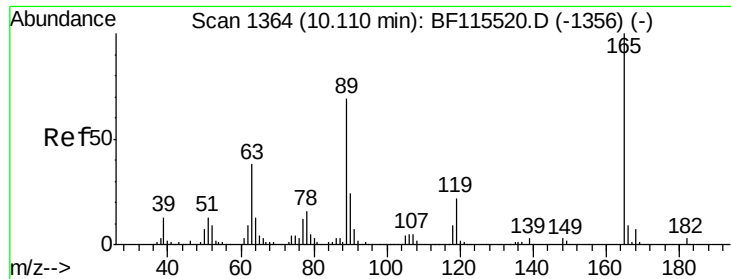
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#56
4-Nitrophenol
Concen: 77.121 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion:139 Resp: 355058
Ion Ratio Lower Upper
139 100
109 70.3 51.2 91.2
65 89.6 76.0 116.0





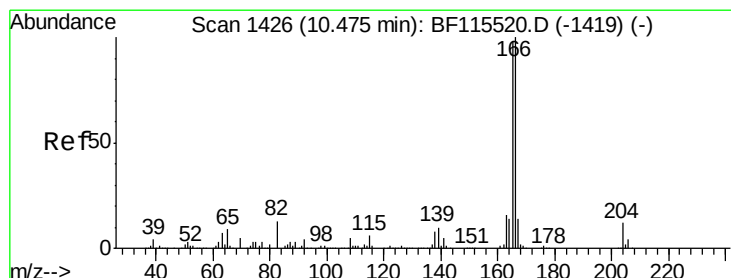
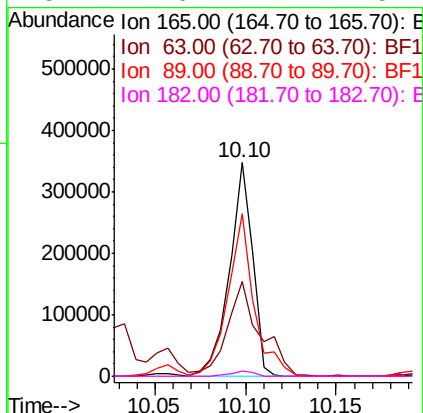
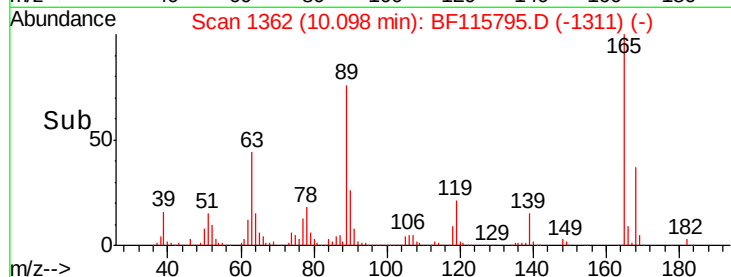
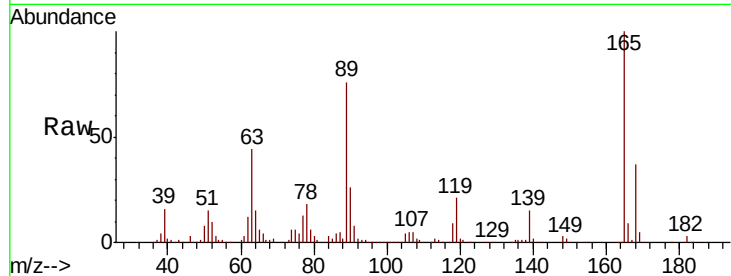
#57
2,4-Dinitrotoluene
Concen: 45.266 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	309836		
63	44.3	33.4	50.2	
89	75.9	57.3	85.9	
182	2.6	2.1	3.1	

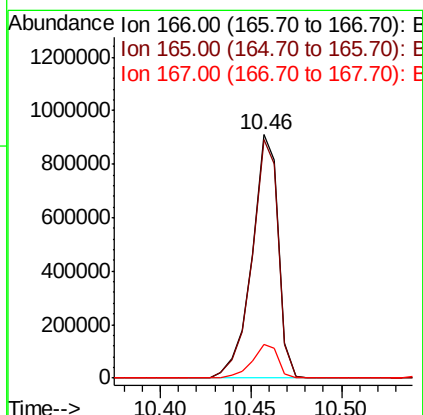
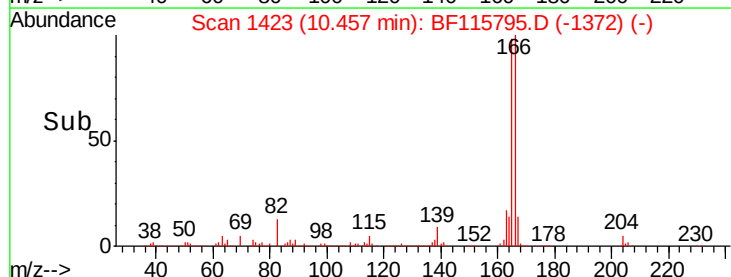
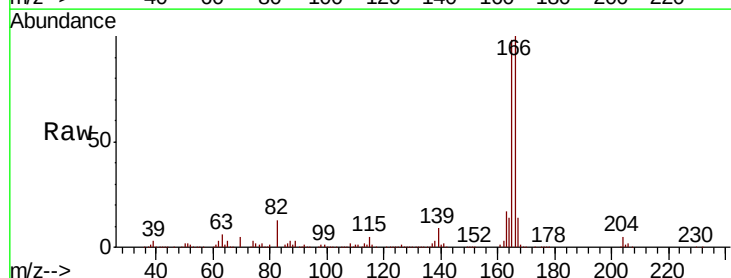
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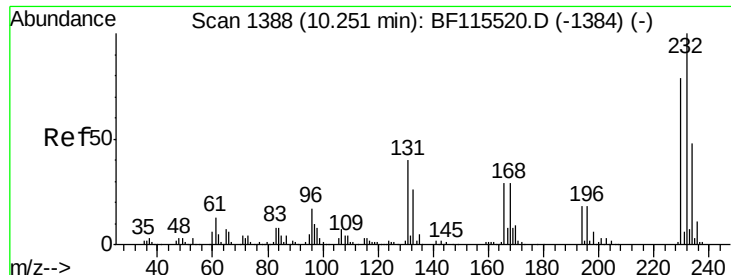
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#58
Fluorene
Concen: 46.957 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	917324		
165	97.8	79.0	118.4	
167	13.7	11.0	16.6	





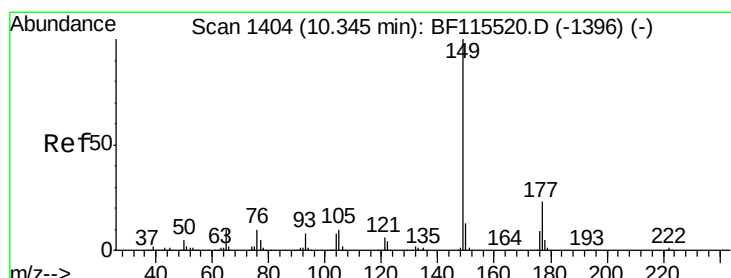
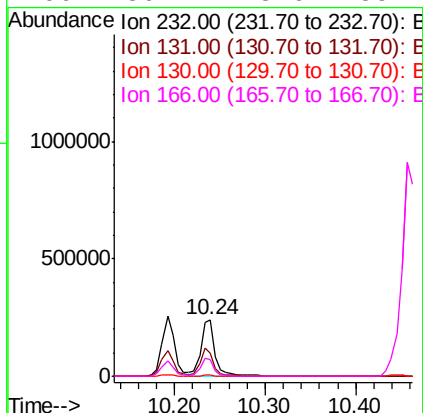
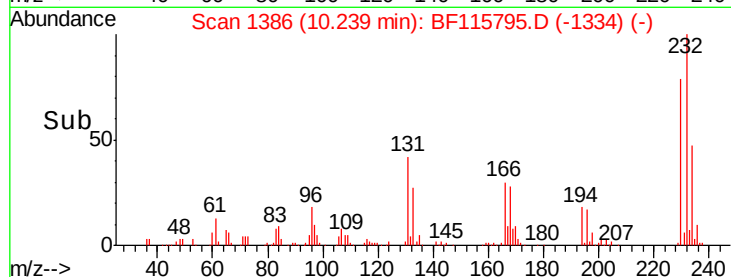
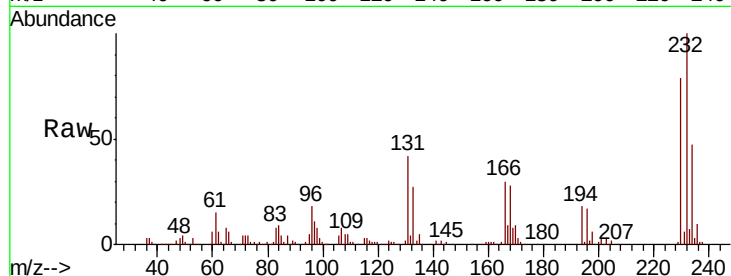
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.115 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	262817		
131	45.6		35.8	53.8
130	2.4		1.8	2.6
166	30.1		23.6	35.4

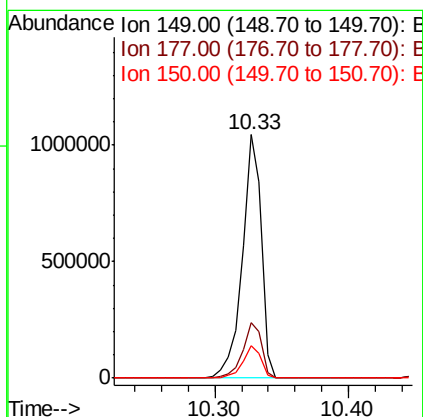
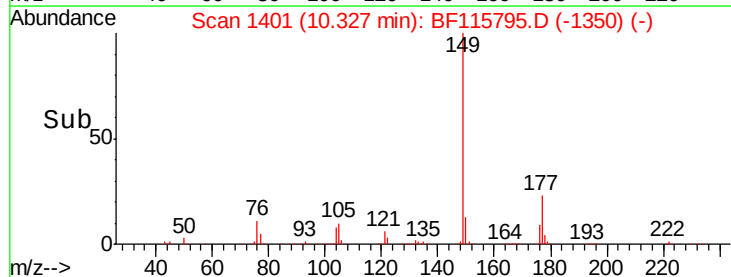
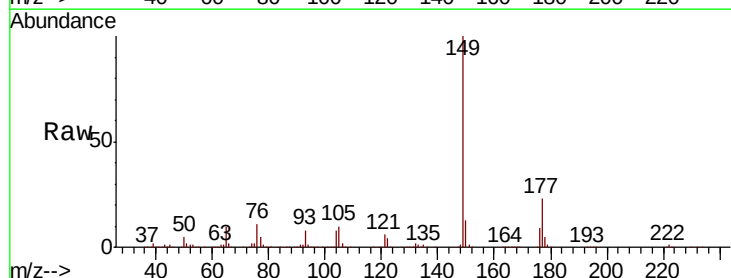
Manual Integrations
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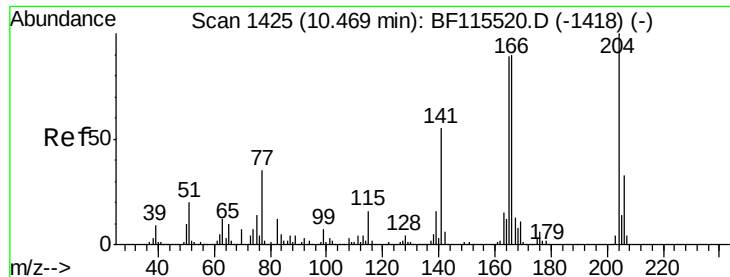
mohammad
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#60
Diethylphthalate
Concen: 47.009 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1023983		
177	22.8		19.0	28.4
150	13.1		10.5	15.7





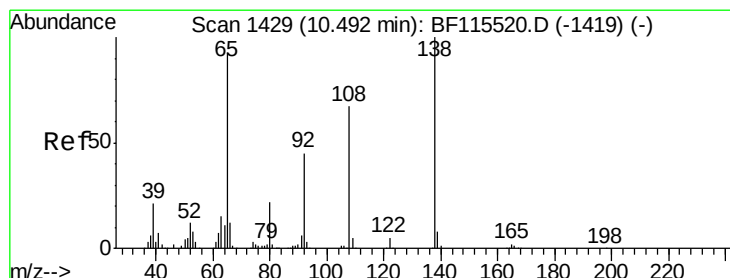
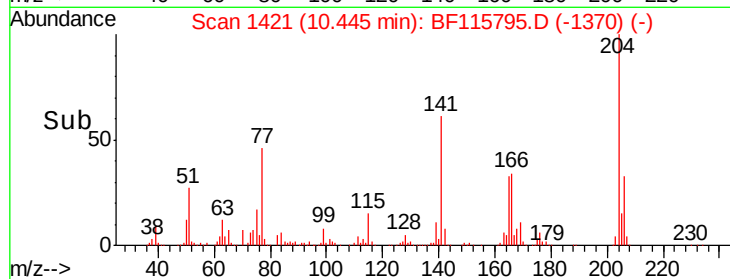
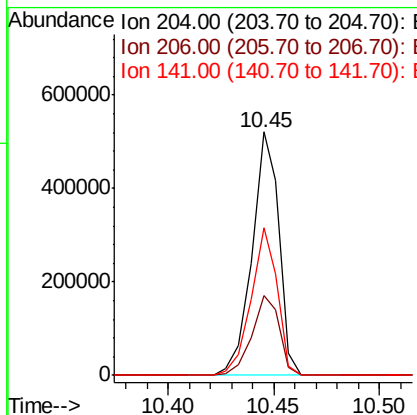
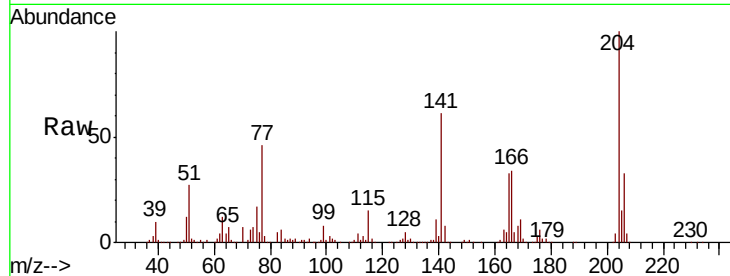
#61
 4-Chlorophenyl-phenylether
 Concen: 42.642 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Tot Ion:	204	Resp:	461963
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.2	39.2
141	60.8	47.3	70.9

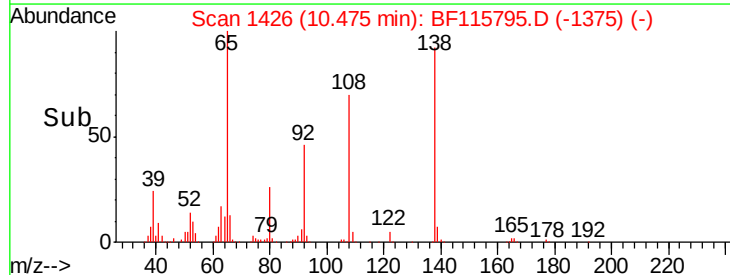
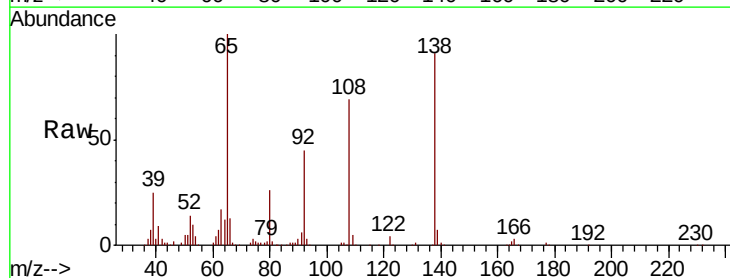
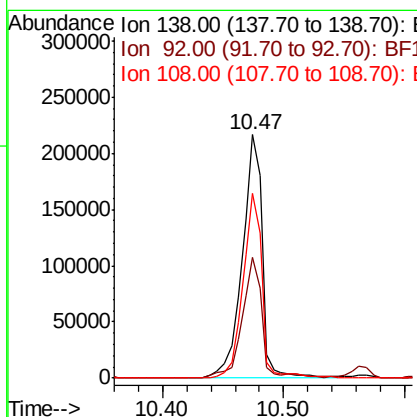
Manual Integrations
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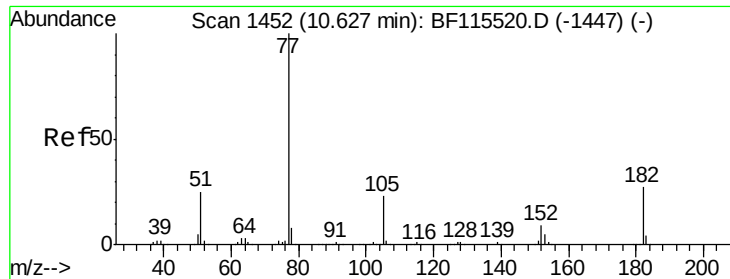
mohammad
 7/29/2019 5:29:02 PM



#62
 4-Nitroaniline
 Concen: 43.251 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion:	138	Resp:	250480
Ion Ratio	Lower	Upper	
138	100		
92	49.8	30.3	70.3
108	75.8	55.0	95.0





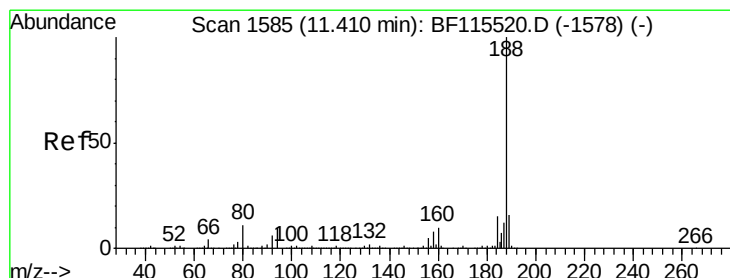
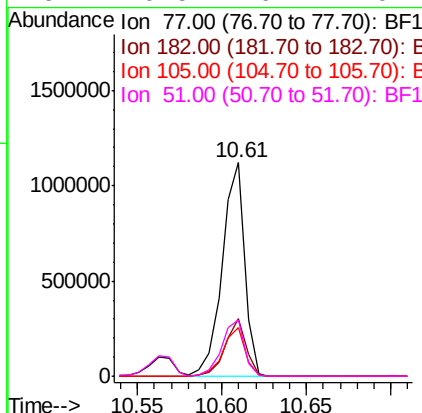
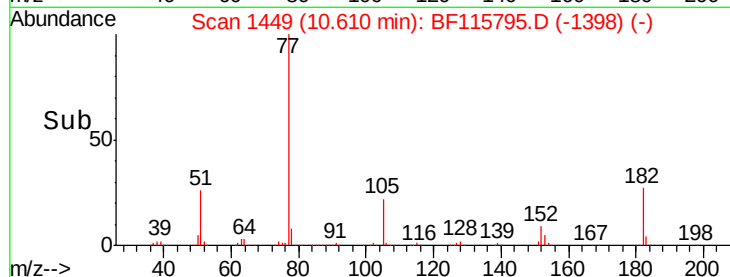
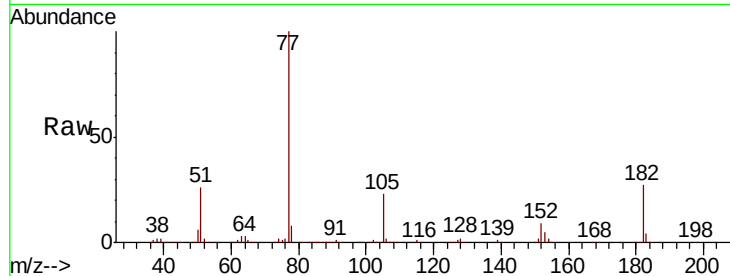
#63
Azobenzene
Concen: 48.699 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	6.9	46.9	
105	23.0	3.1	43.1	
51	26.5	6.7	46.7	

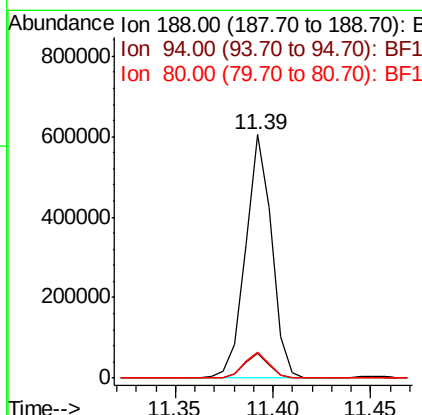
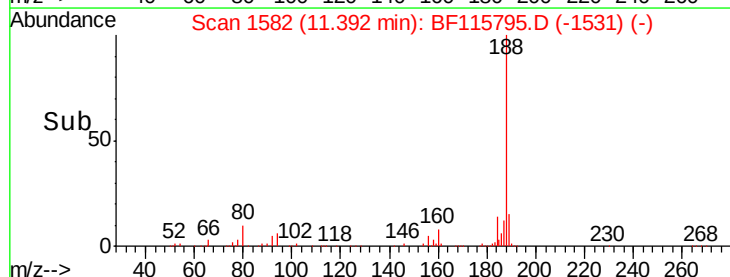
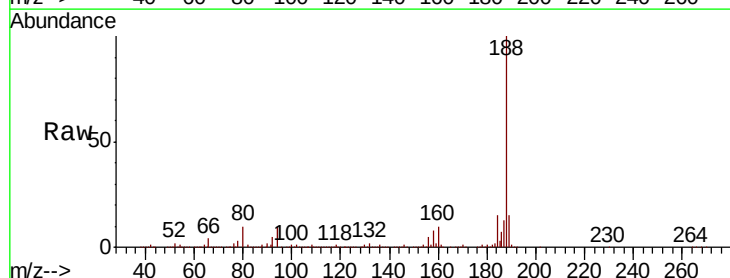
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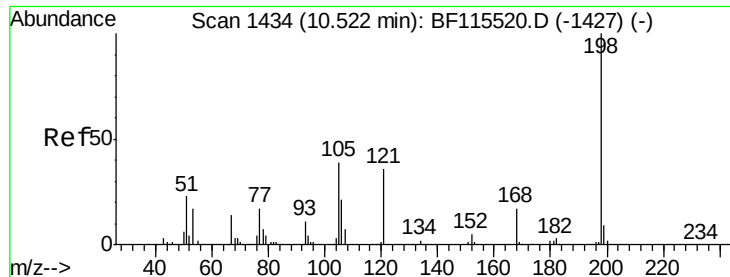
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.2	12.2	
80	10.5	9.0	13.6	





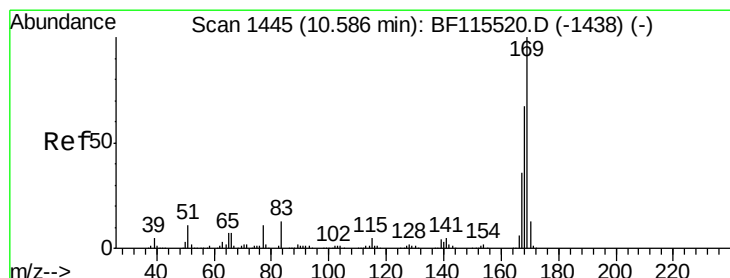
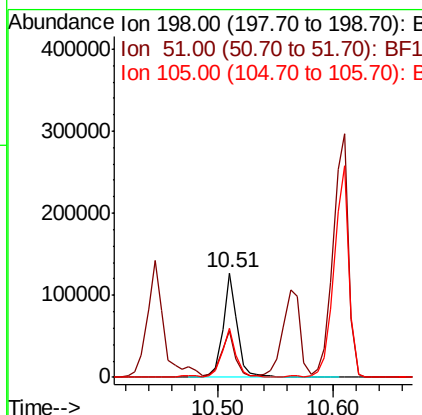
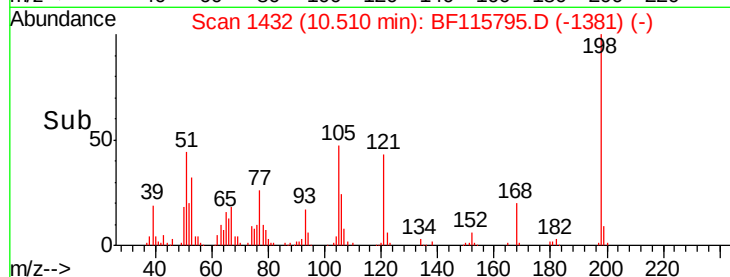
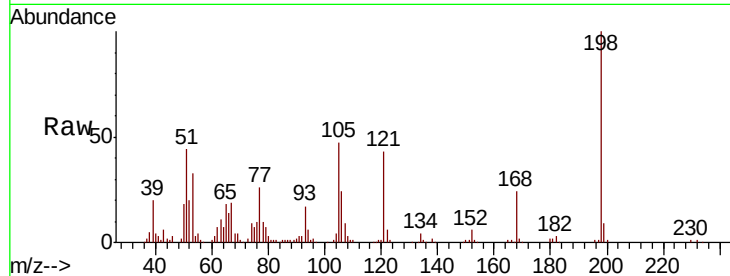
#65
4,6-Dinitro-2-methylphenol
Concen: 31.813 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	108622		
51	43.9	20.3	60.3	
105	46.8	24.7	64.7	

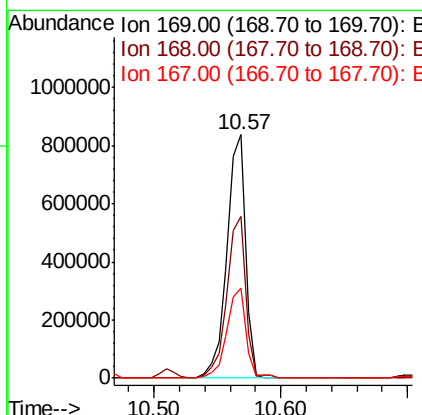
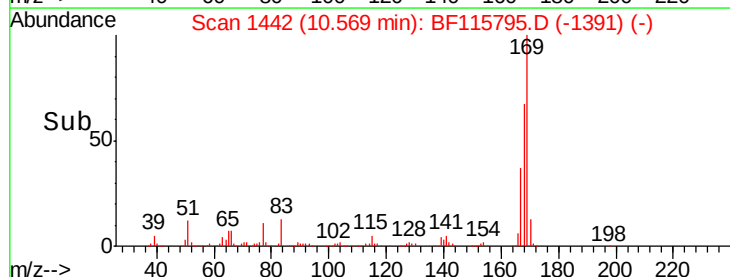
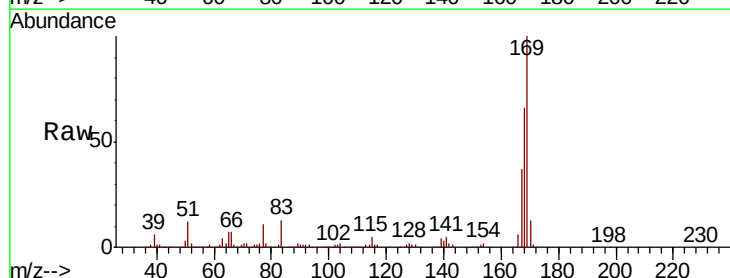
Manual Integrations
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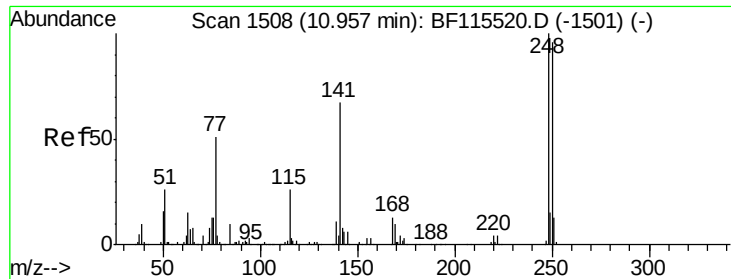
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#66
n-Nitrosodiphenylamine
Concen: 48.890 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	849894		
168	66.5	53.4	80.0	
167	37.0	29.1	43.7	





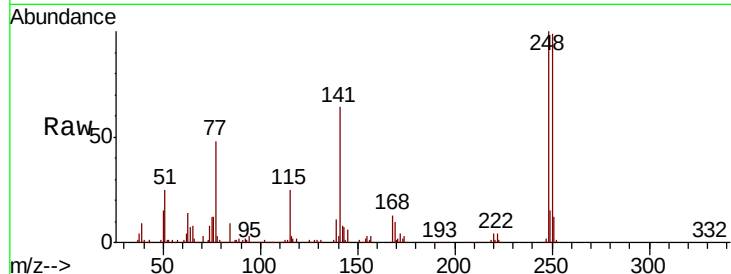
#67
4-Bromophenyl-phenylether
Concen: 46.458 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	64.0	52.1	78.1

Manual Integrations
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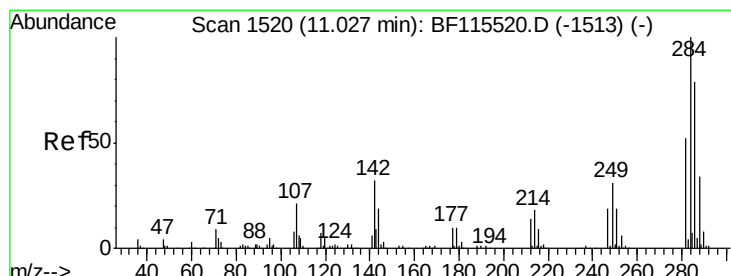
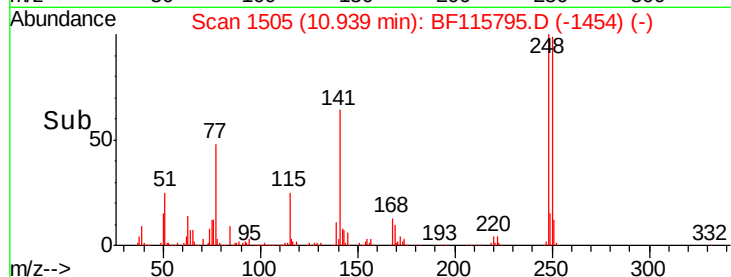
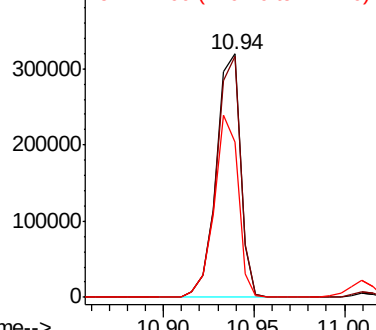


Abundance

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: 44.659 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

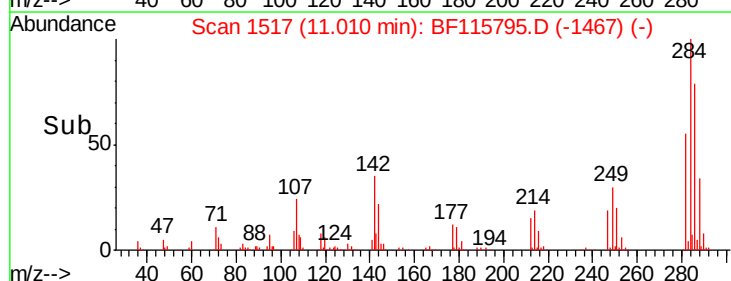
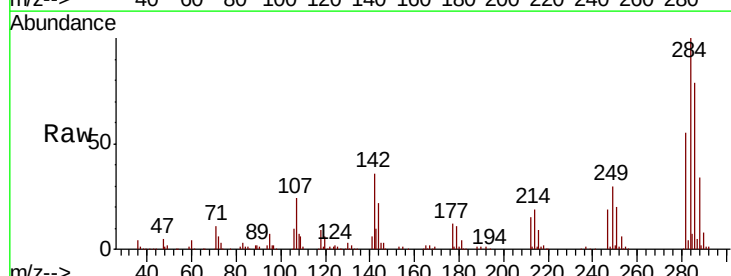
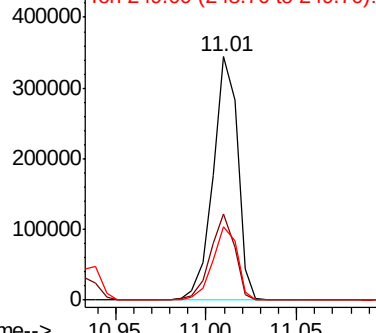
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	21.8	32.8#
249	30.3	23.1	34.7

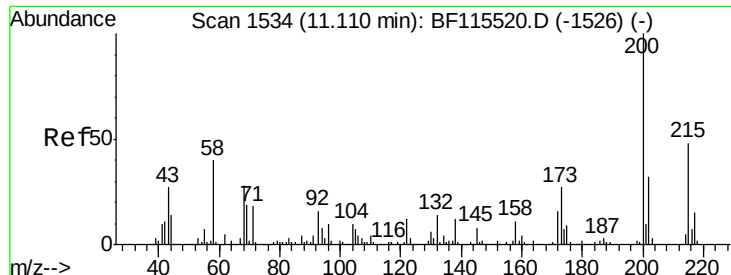
Abundance

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





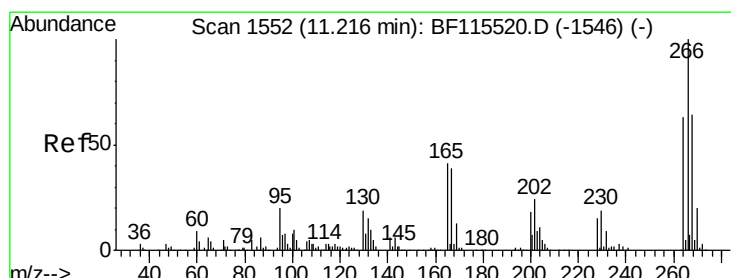
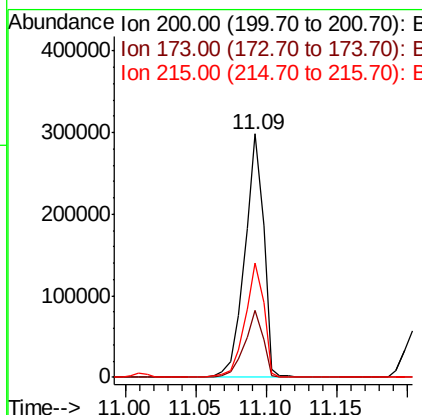
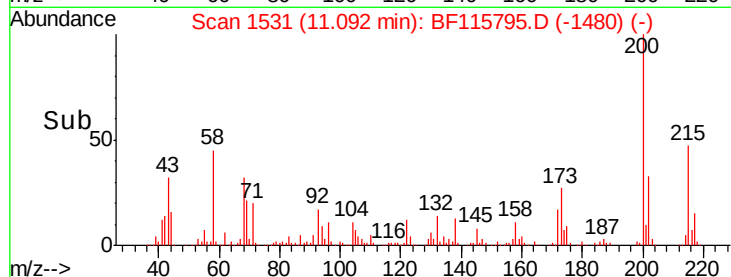
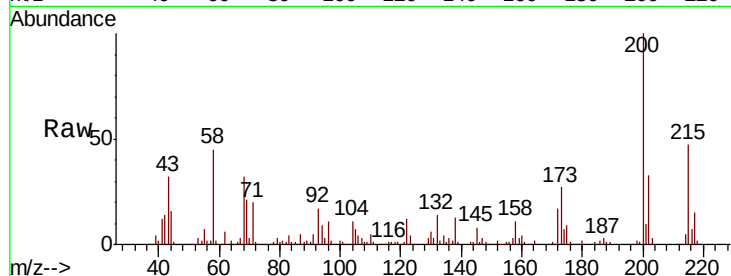
#69
Atrazine
Concen: 48.915 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	6.9	46.9
215	47.0	26.6	66.6

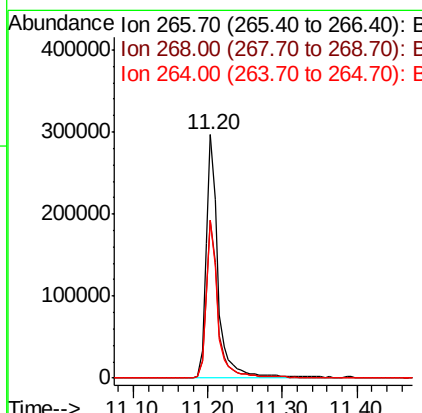
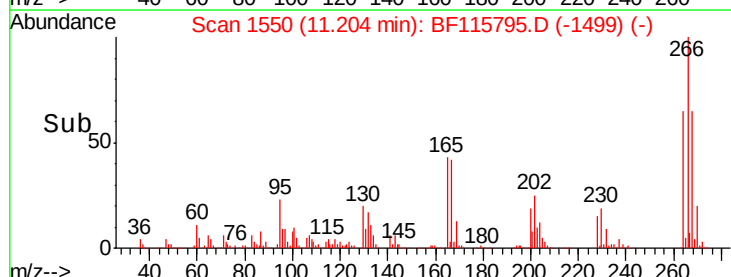
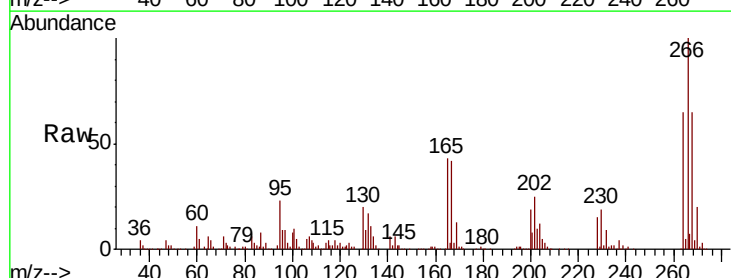
Manual Integrations
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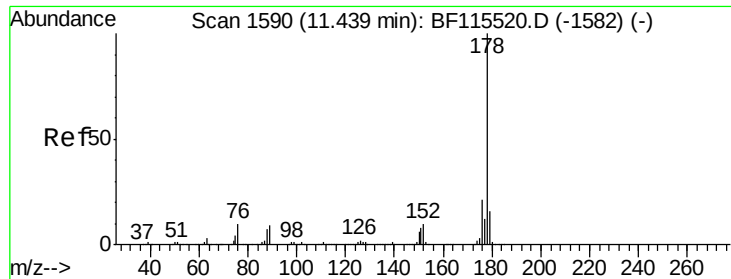
mohammad
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#70
Pentachlorophenol
Concen: 75.090 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	51.2	76.8
264	64.7	50.0	75.0





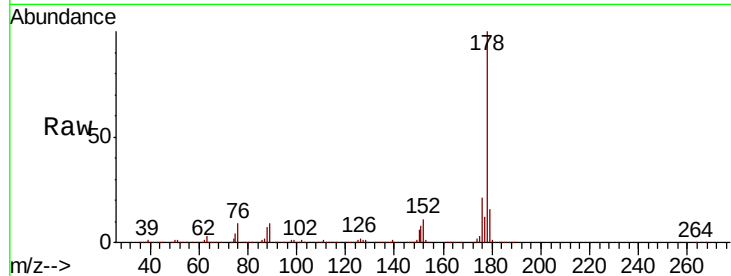
#71
Phenanthrene
Concen: 48.880 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

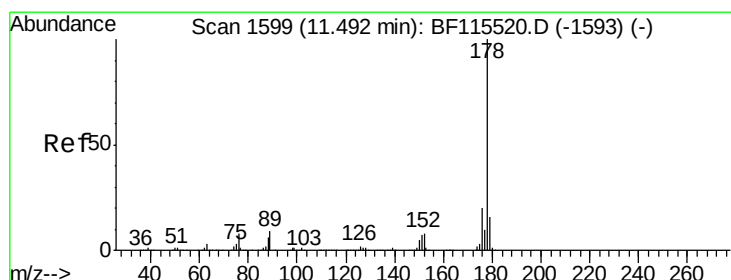
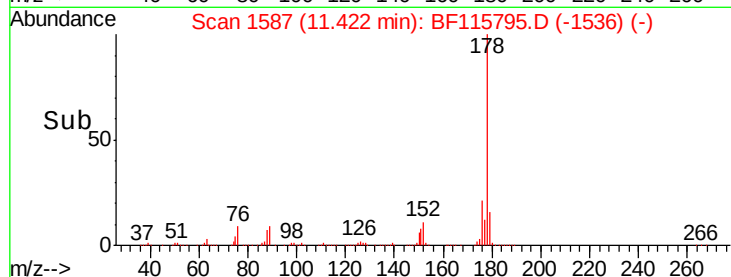
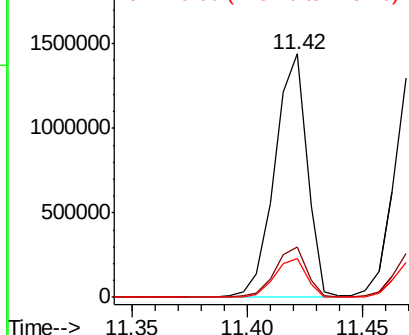
Tot Ion:178 Resp: 1400234
Ion Ratio Lower Upper
178 100
176 20.7 16.4 24.6
179 15.8 12.7 19.1

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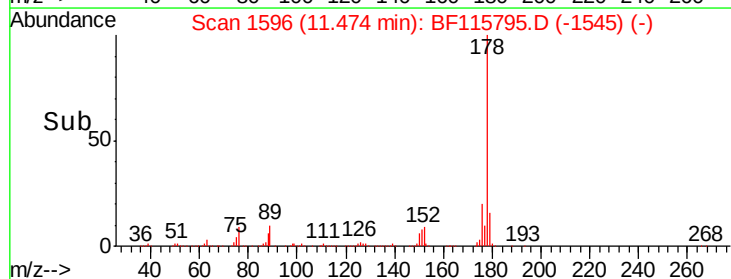
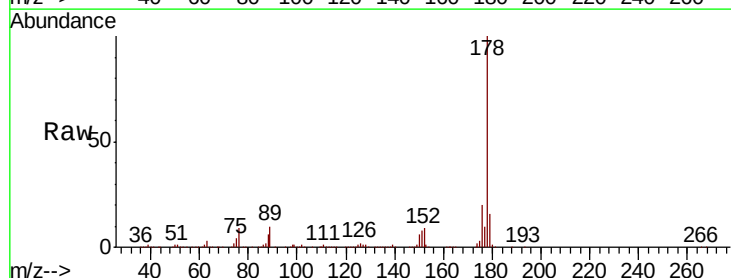
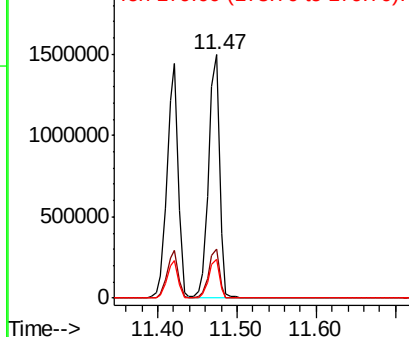
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

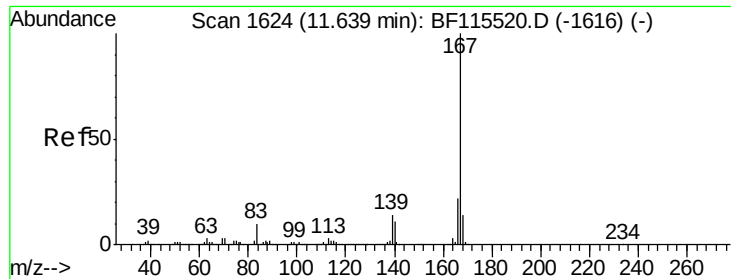


#72
Anthracene
Concen: 48.874 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion:178 Resp: 1446906
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 15.9 12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





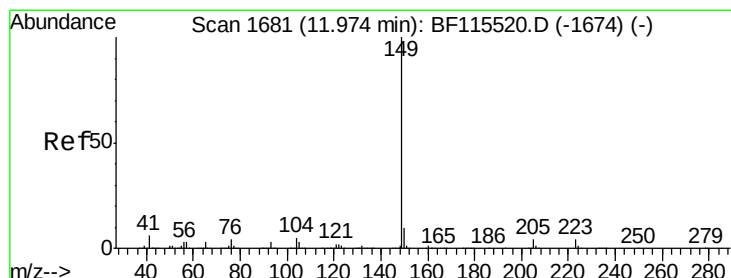
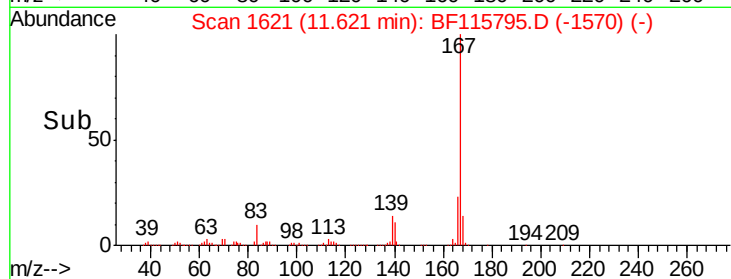
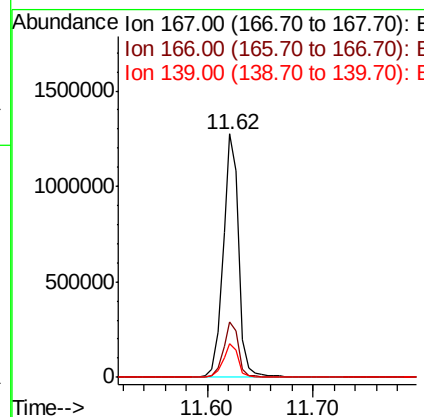
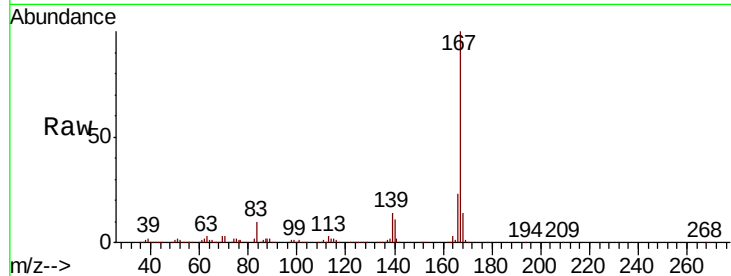
#73
 Carbazole
 Concen: 50.729 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.0	11.1	16.7

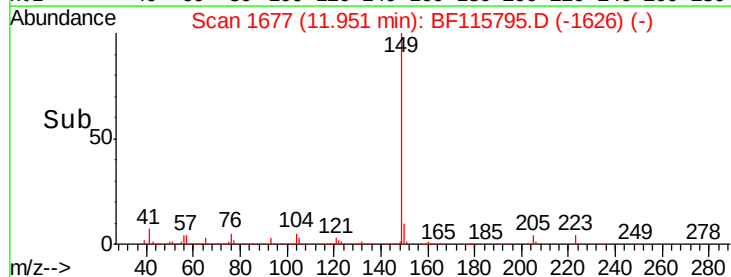
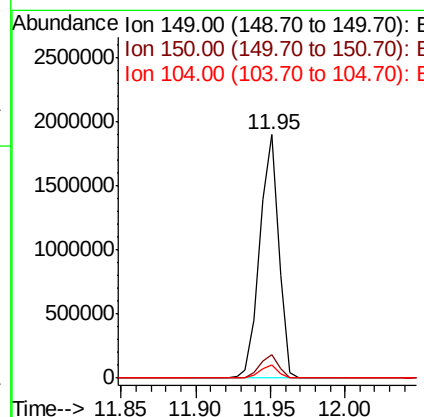
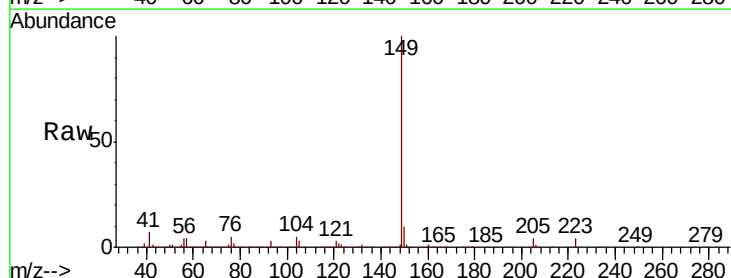
Manual Integrations
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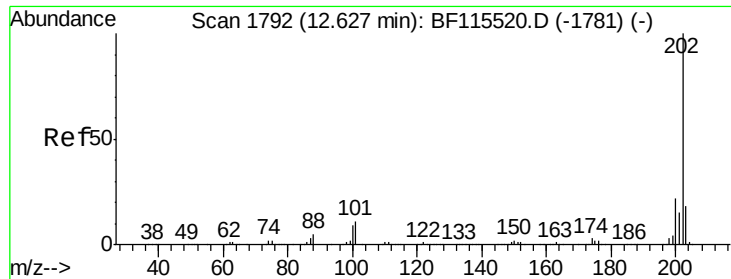
mohammad
 7/29/2019 5:29:02 PM



#74
 Di-n-butylphthalate
 Concen: 51.724 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.4	4.3	6.5





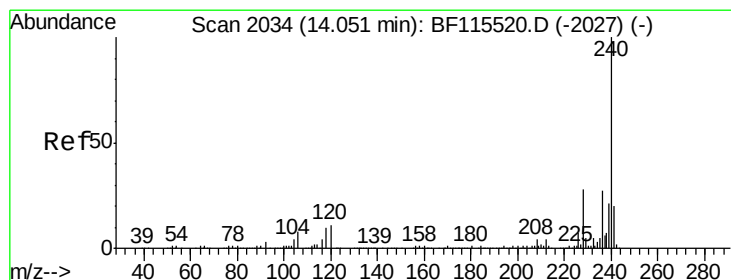
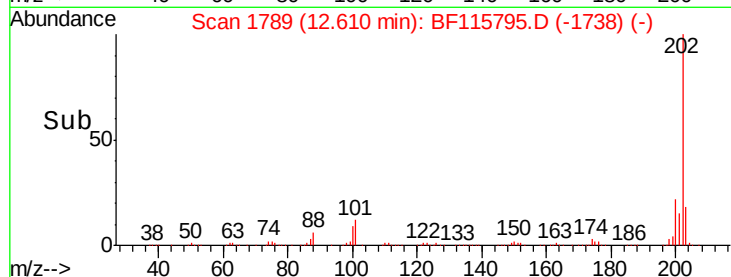
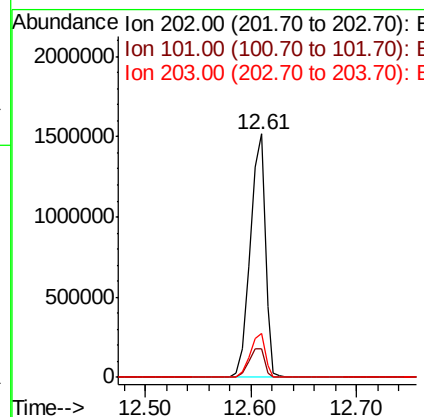
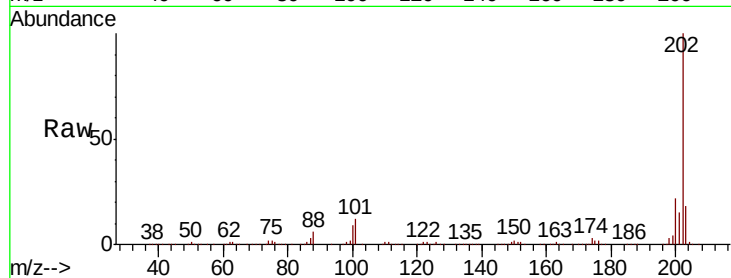
#75
 Fluoranthene
 Concen: 49.248 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.6
203	18.1	0.0	38.0

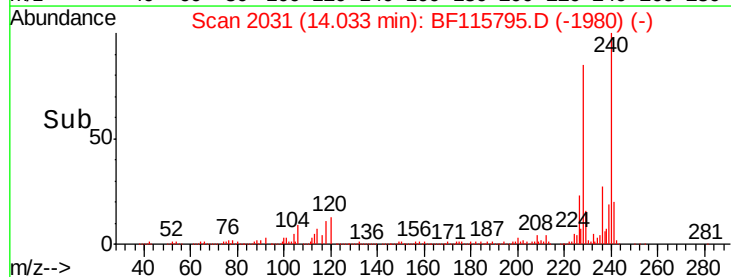
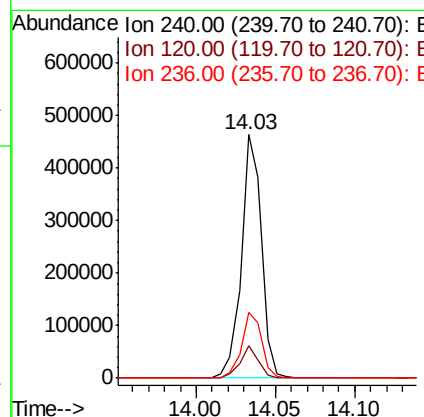
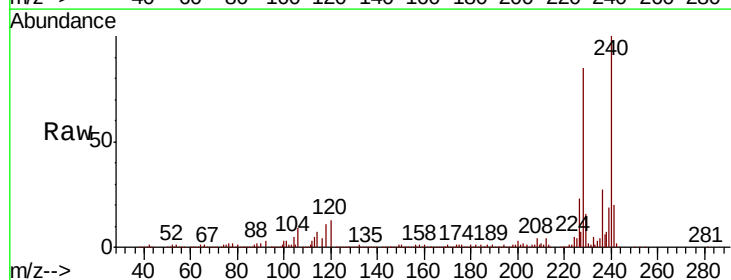
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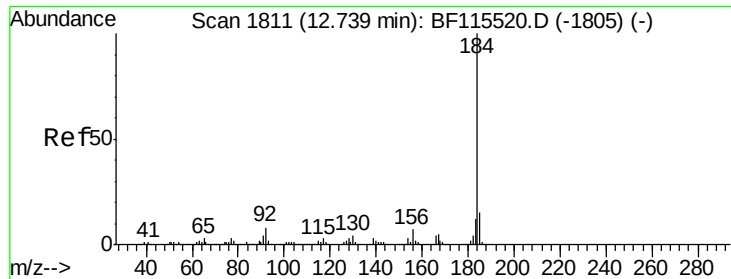
mohammad
 7/29/2019 5:29:02 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.0	15.0
236	27.2	21.8	32.6





#77

Benzidine

Concen: 25.949 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

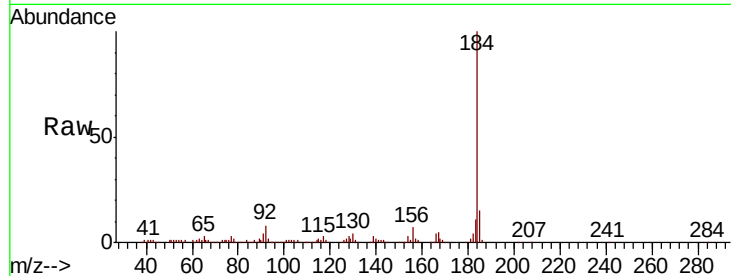
ClientSampleId :

BU-03-072419MS

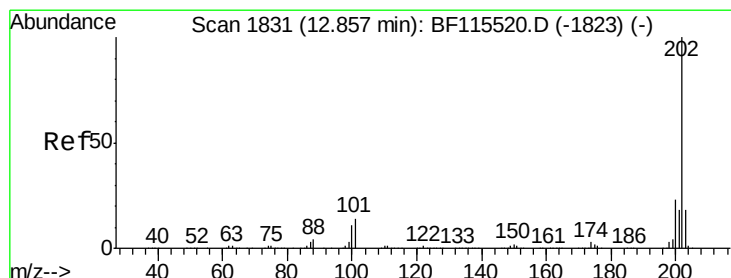
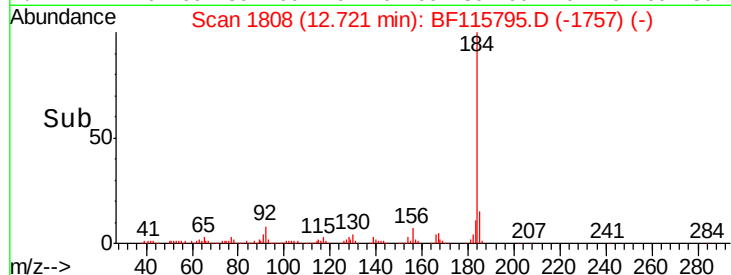
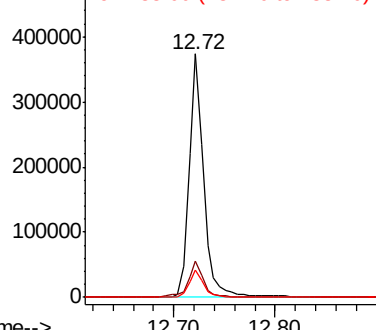
Tot Ion:	184	Resp:	373117
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.5	18.7
183	11.2	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.463 ng

RT: 12.84 min Scan# 1828

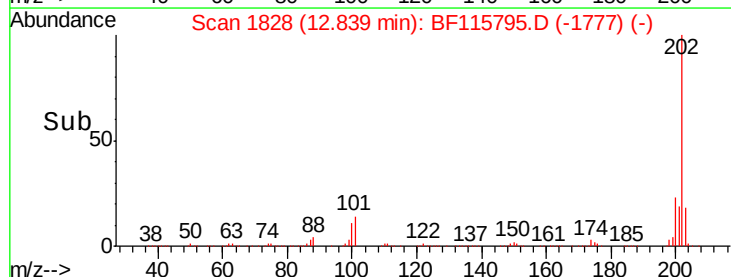
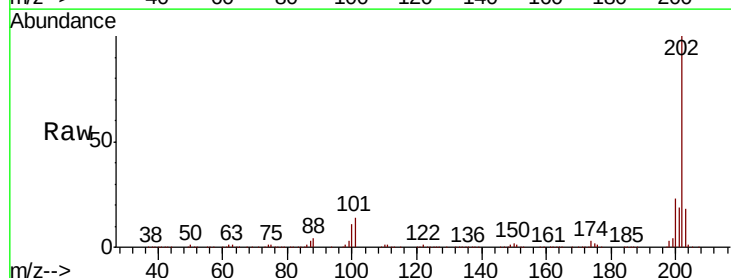
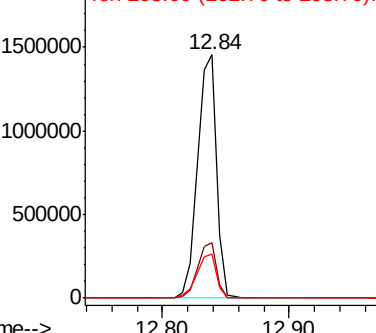
Delta R.T. 0.00 min

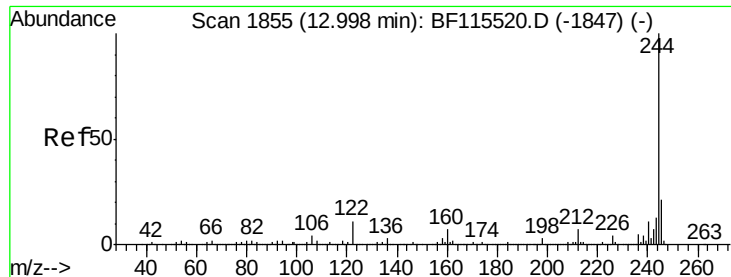
Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:	202	Resp:	1494669
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.4
203	18.2	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





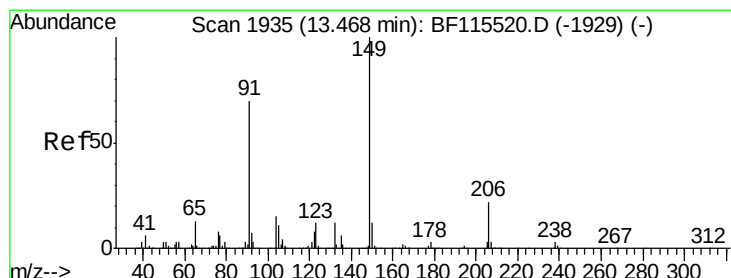
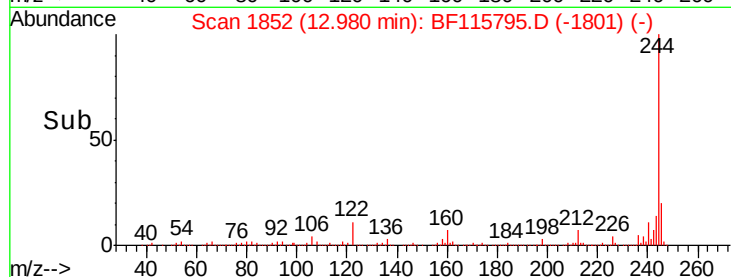
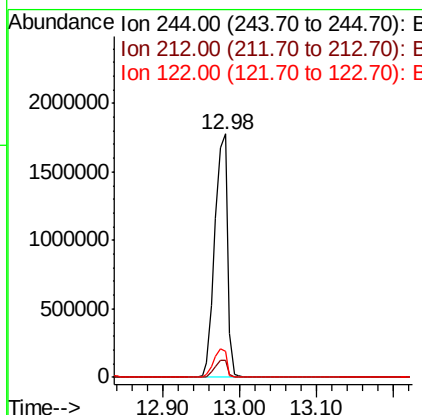
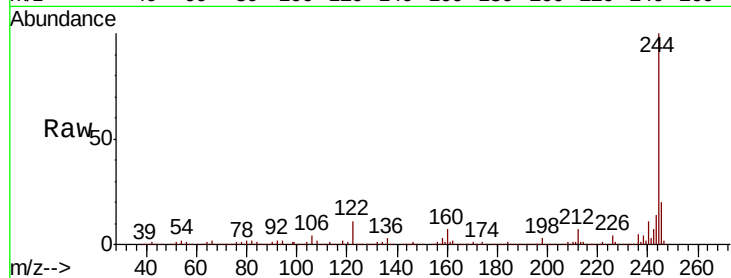
#79
 Terphenyl-d14
 Concen: 90.626 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.6	8.2	12.4

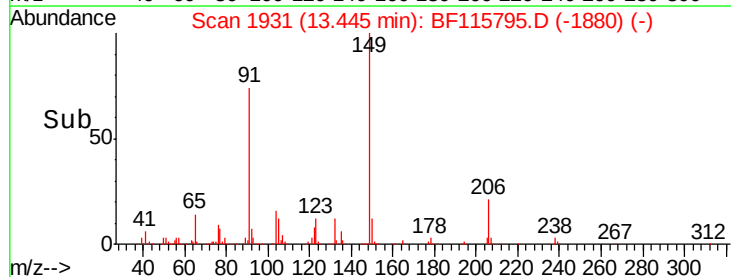
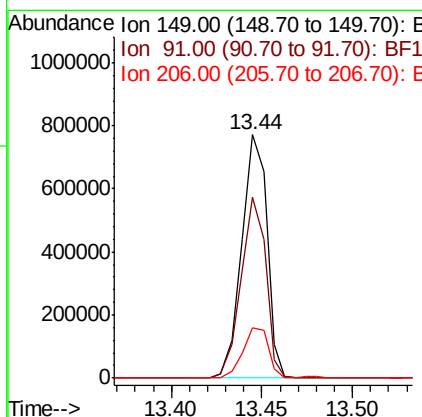
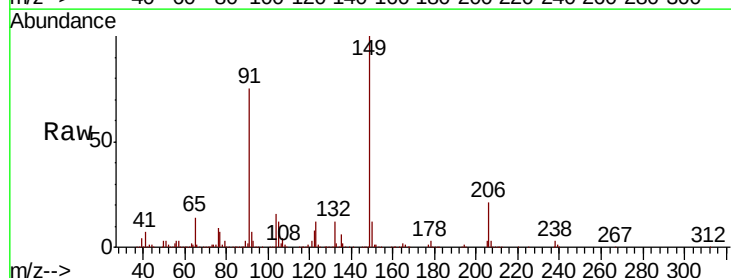
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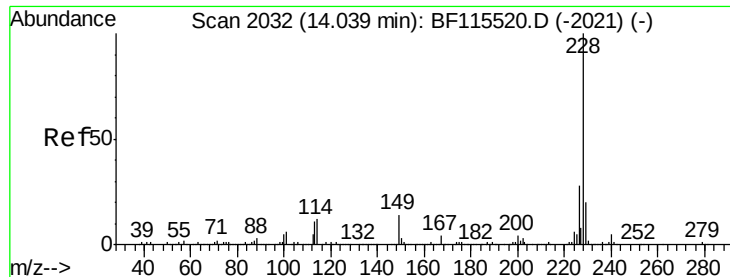
mohammad
 7/29/2019 5:29:02 PM



#80
 Butylbenzylphthalate
 Concen: 50.977 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BF115795.D
 Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	59.8	89.8
206	20.7	16.2	24.4





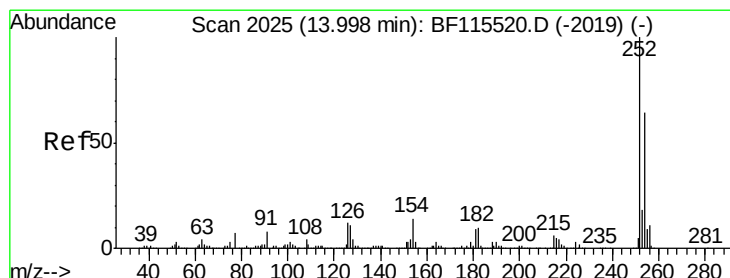
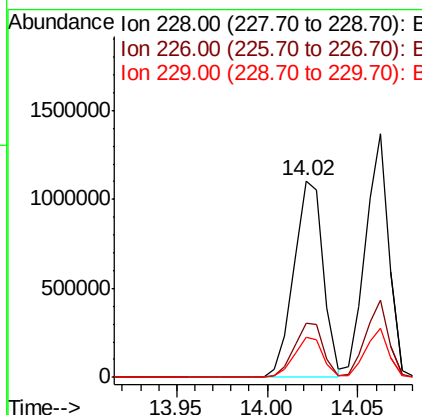
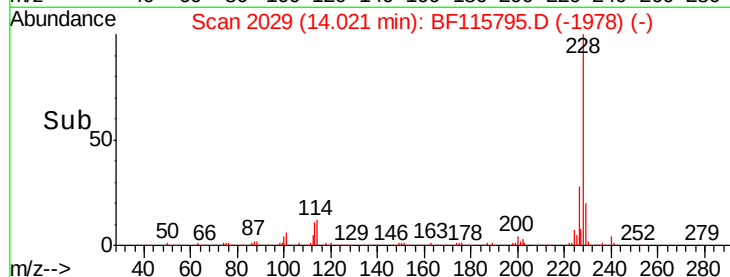
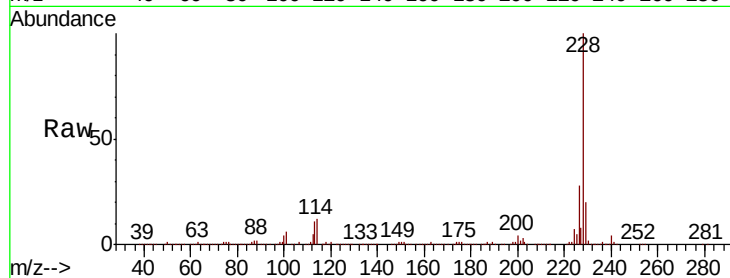
#81
Benzo(a)anthracene
Concen: 47.245 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.2	16.1	24.1

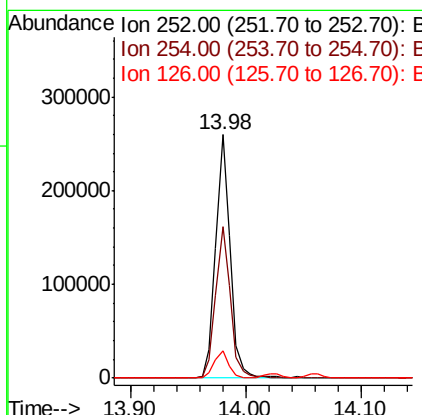
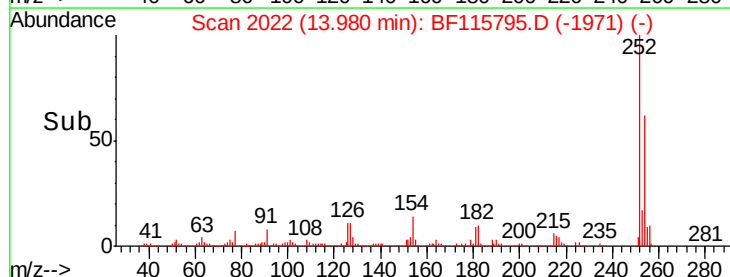
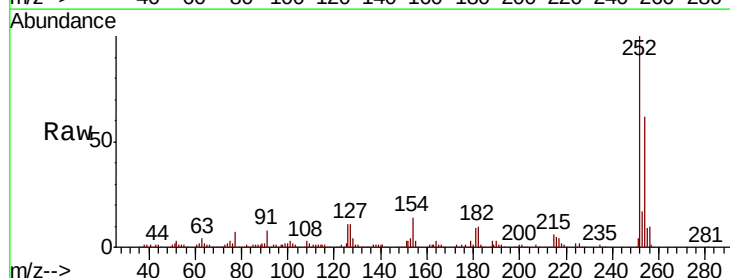
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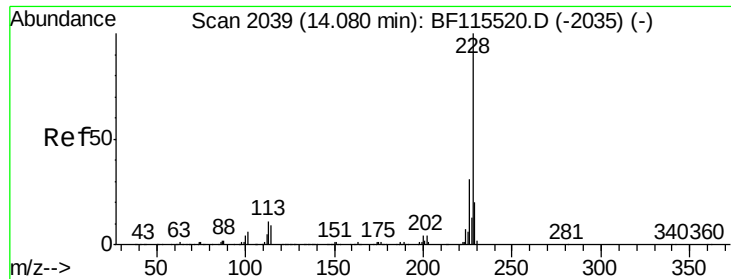
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.021 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.6	77.4
126	11.3	9.9	14.9





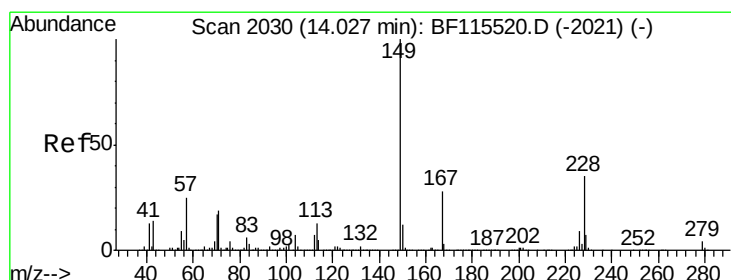
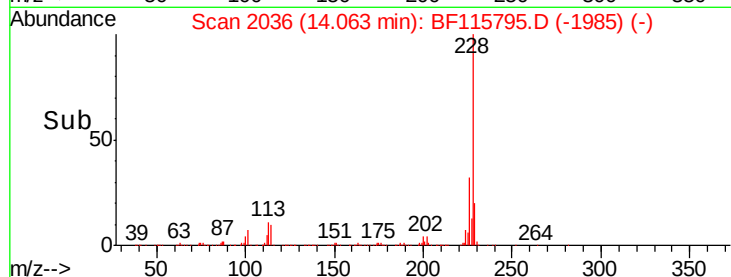
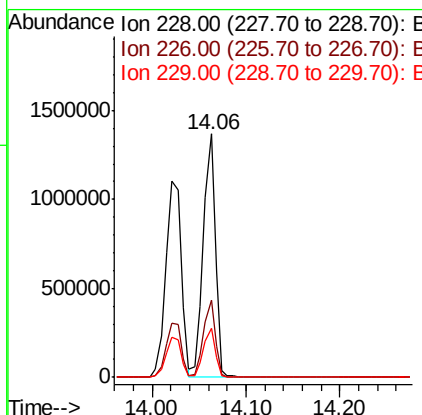
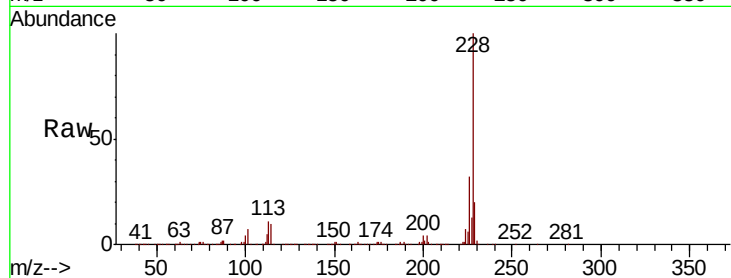
#83
Chrysene
Concen: 46.122 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	20.2	16.2	24.2

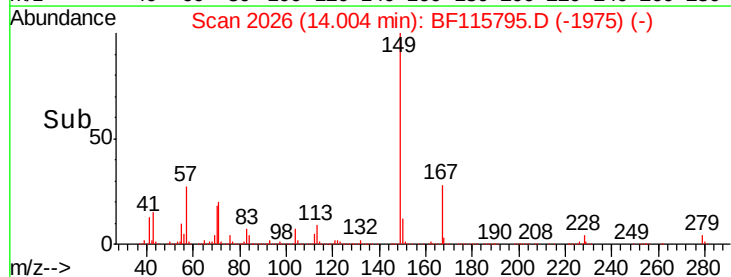
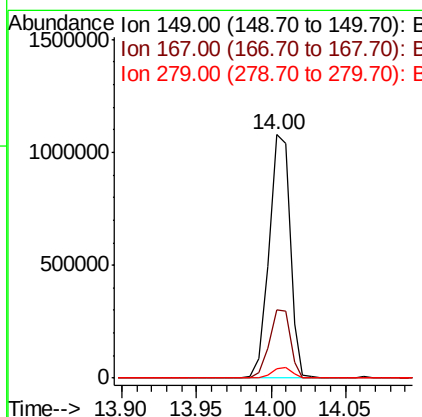
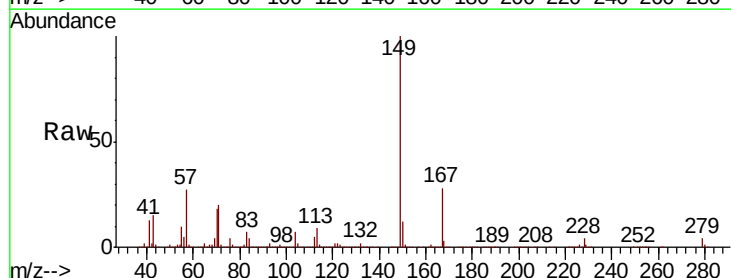
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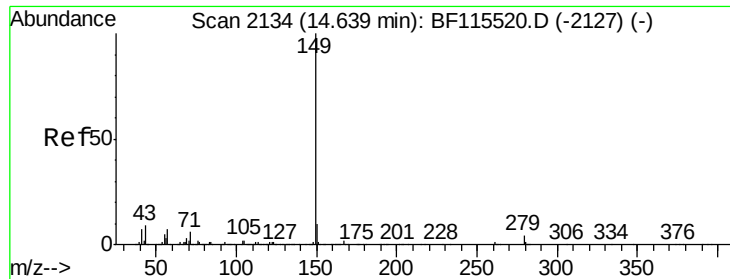
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 57.959 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.9	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 59.273 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Instrument :

BNA_F

ClientSampleId :

BU-03-072419MS

Tot Ion:149 Resp: 1712537

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

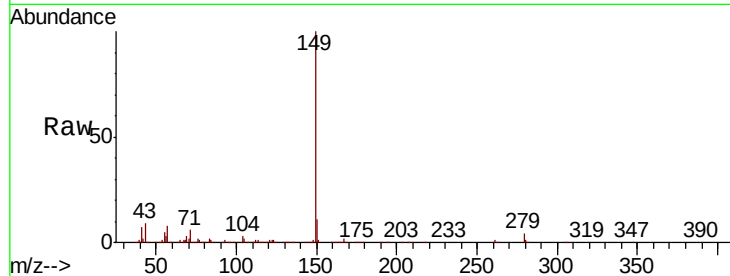
43 9.1 7.4 11.0

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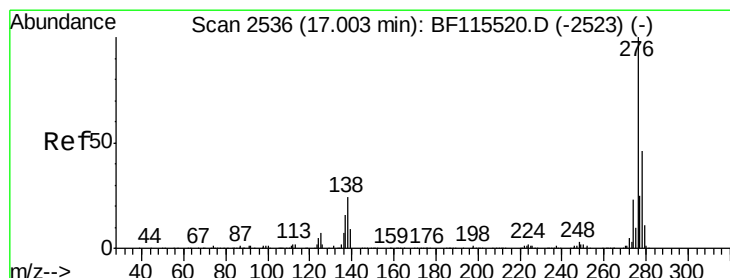
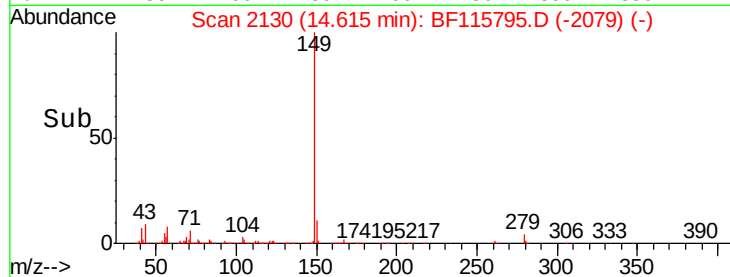
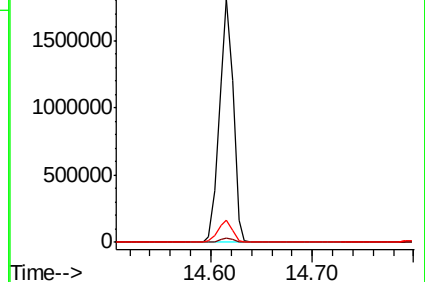
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 54.278 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF115795.D

Acq: 26 Jul 2019 19:10

Tgt Ion:276 Resp: 1237867

Ion Ratio Lower Upper

276 100

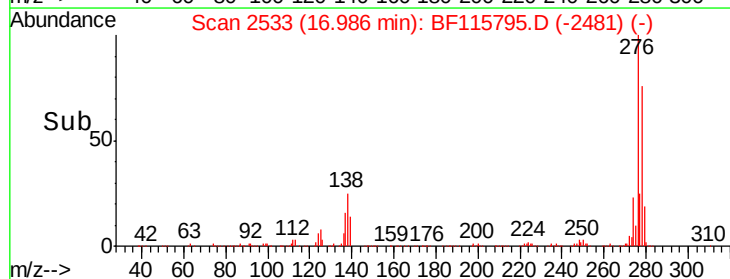
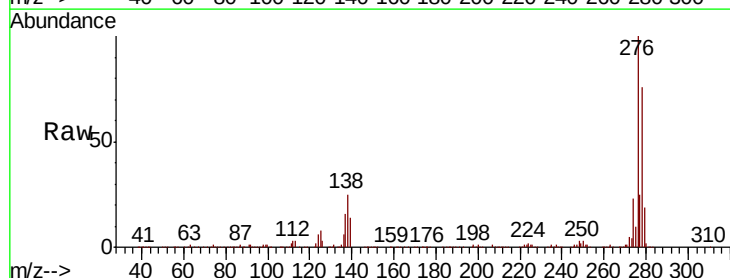
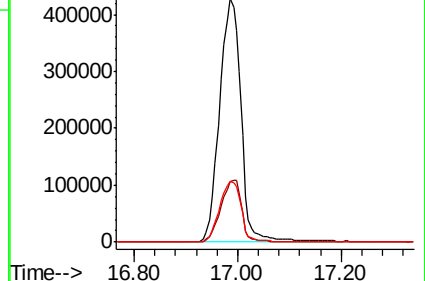
138 25.0 20.1 30.1

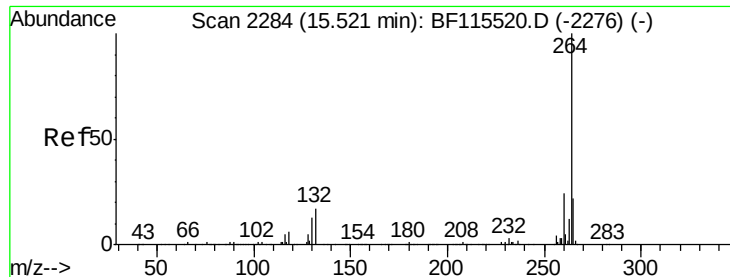
277 25.5 19.8 29.8

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





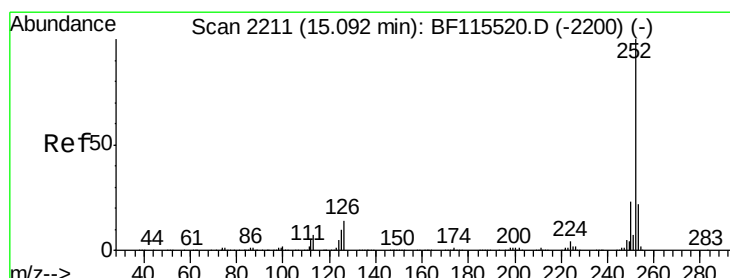
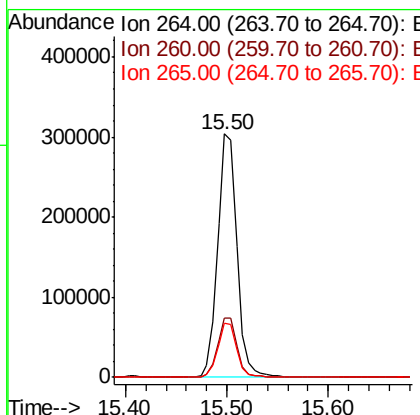
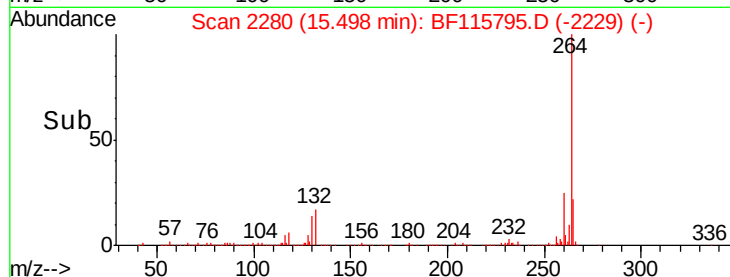
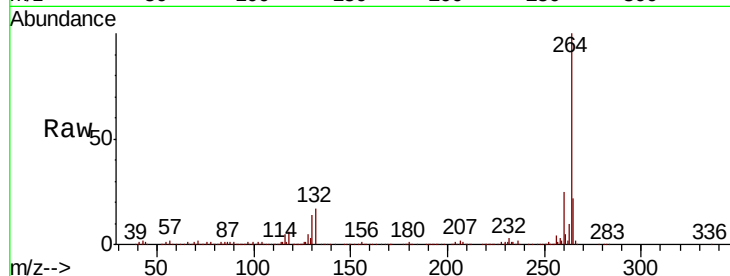
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	22.1	17.5	26.3

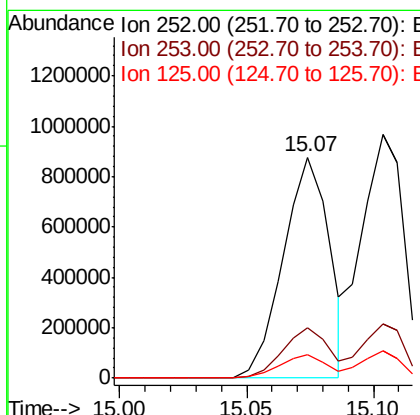
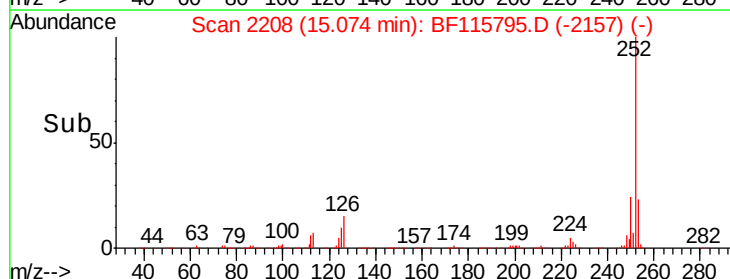
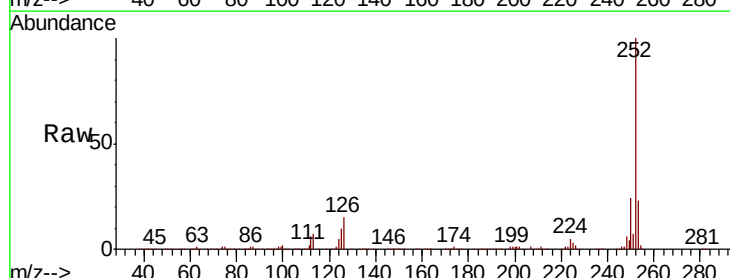
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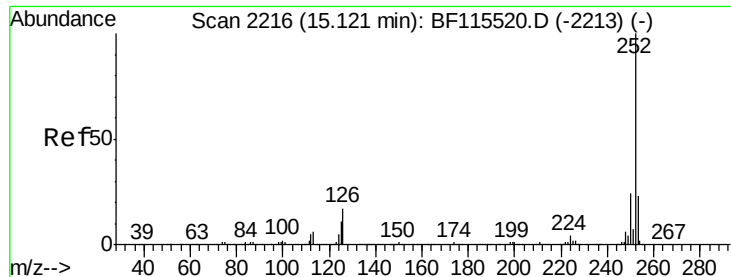
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.872 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.5	8.4	12.6





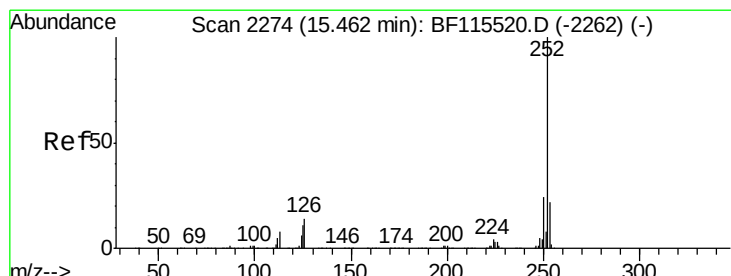
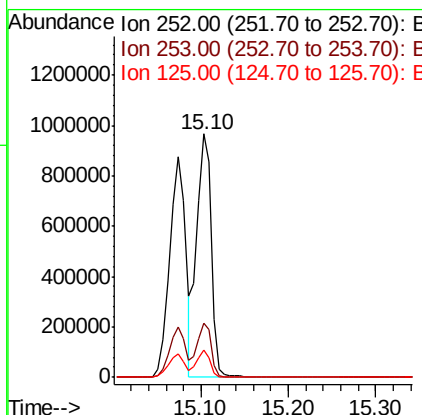
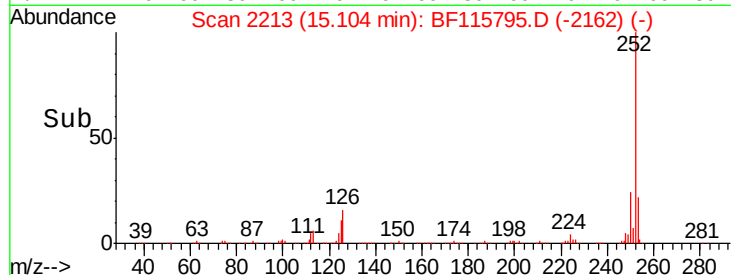
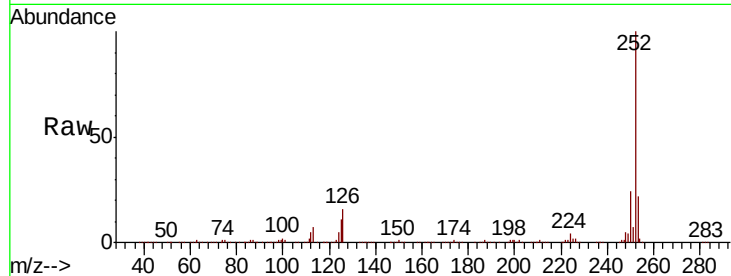
#89
Benzo(k)fluoranthene
Concen: 48.895 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.3	8.6	13.0

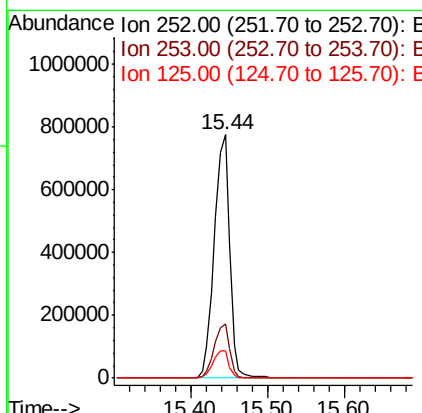
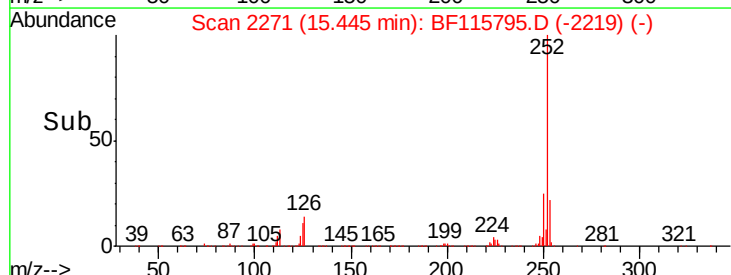
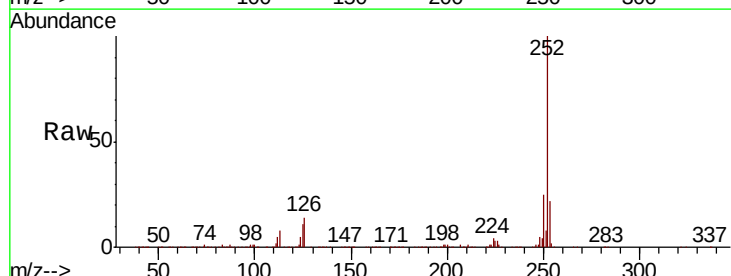
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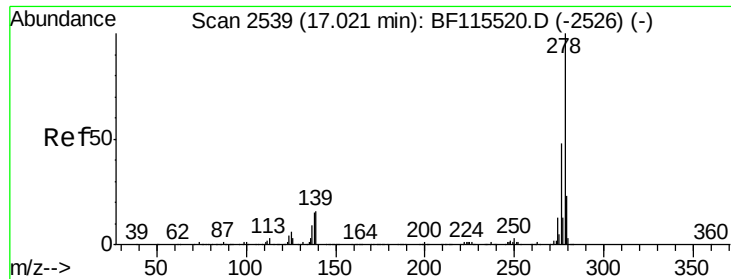
mohammad
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#90
Benzo(a)pyrene
Concen: 47.810 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.2	9.4	14.2





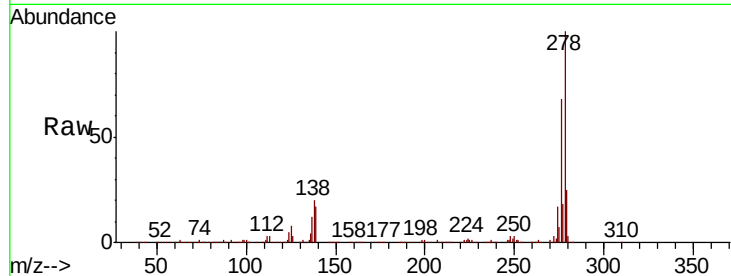
#91
Dibenzo(a,h)anthracene
Concen: 53.118 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.6	20.4
279	24.8	19.6	29.4

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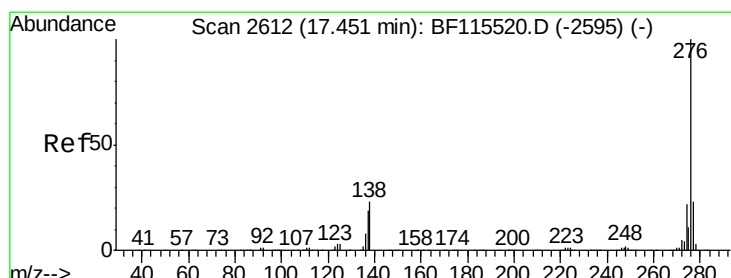
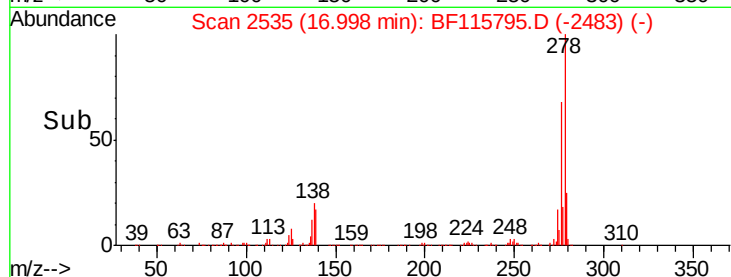
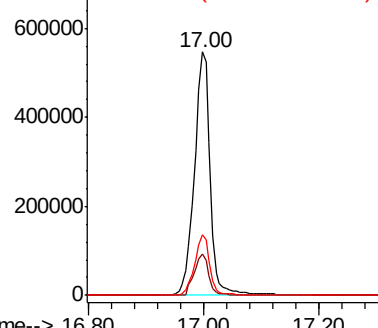


Abundance

Ion 278.00 (277.70 to 278.70): E

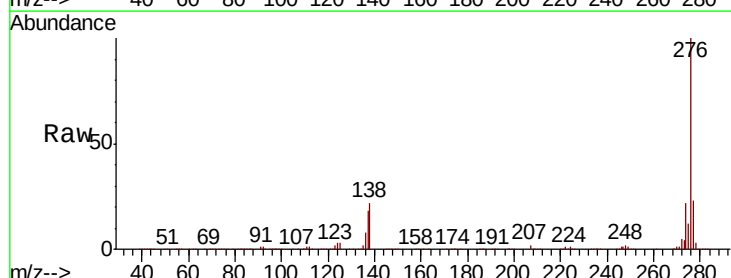
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.386 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF115795.D
Acq: 26 Jul 2019 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.1	27.1
138	22.0	16.6	24.8



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

