

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116768.D
 Acq On : 3 Sep 2019 13:18
 Operator : HP/JU
 Sample : PB122729BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122729BS

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:04 AM

Quant Time: Sep 03 14:46:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153217	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	651426	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	343396	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	555559	20.00	ng	0.00
76) Chrysene-d12	14.00	240	373725	20.00	ng	0.00
87) Perylene-d12	15.45	264	325168	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1046113	110.61	ng	0.02
7) Phenol-d6	6.49	99	1365077	109.92	ng	0.00
23) Nitrobenzene-d5	7.41	82	795321	69.70	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	288300	125.58	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1375432	67.57	ng	0.00
79) Terphenyl-d14	12.95	244	1289623	63.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	189048	43.302	ng	98
3) Pyridine	3.45	79	452944	35.832	ng	93
4) n-Nitrosodimethylamine	3.39	42	171975	39.619	ng	# 74
6) Aniline	6.51	93	556269	32.340	ng	97
8) 2-Chlorophenol	6.64	128	470542	45.577	ng	99
9) Benzaldehyde	6.39	77	319432	39.043	ng	99
10) Phenol	6.50	94	594904	43.261	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	457649	42.741	ng	99
12) 1,3-Dichlorobenzene	6.79	146	480136	41.148	ng	97
13) 1,4-Dichlorobenzene	6.87	146	488180	42.023	ng	99
14) 1,2-Dichlorobenzene	7.02	146	450613	41.857	ng	97
15) Benzyl Alcohol	6.99	79	436607	43.311	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	516859	41.142	ng	100
17) 2-Methylphenol	7.10	107	402079	44.489	ng	96
18) Hexachloroethane	7.36	117	183270	40.606	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	336752	41.183	ng	92
20) 3+4-Methylphenols	7.26	107	473926	45.100	ng	# 80
22) Acetophenone	7.26	105	652726	41.620	ng	# 97
24) Nitrobenzene	7.43	77	516942	44.543	ng	93
25) Isophorone	7.67	82	959090	41.478	ng	99
26) 2-Nitrophenol	7.75	139	244183	56.593	ng	92
27) 2,4-Dimethylphenol	7.79	122	427875	49.102	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	592825	41.955	ng	100
29) 2,4-Dichlorophenol	7.99	162	388749	46.421	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	379163	41.744	ng	98
31) Naphthalene	8.15	128	1345908	43.450	ng	99
32) Benzoic acid	7.91	122	280888	57.088	ng	91
33) 4-Chloroaniline	8.20	127	329507	23.369	ng	95
34) Hexachlorobutadiene	8.27	225	198062	39.992	ng	98
35) Caprolactam	8.57	113	132804m	42.375	ng	
36) 4-Chloro-3-methylphenol	8.68	107	436838	45.386	ng	95
37) 2-Methylnaphthalene	8.85	142	918748	44.578	ng	97
38) 1-Methylnaphthalene	8.95	142	846514	43.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	337128	40.954	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	358389	75.393	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	260790	46.216	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	275451	47.019	nq	97
46) 1,1'-Biphenyl	9.31	154	1061589	40.741	nq	97
47) 2-Chloronaphthalene	9.33	162	843964	40.893	nq	99
48) 2-Nitroaniline	9.42	65	270718	45.372	nq	97
49) Acenaphthylene	9.75	152	1326076	42.506	nq	100
50) Dimethylphthalate	9.61	163	985237	41.557	nq	98
51) 2,6-Dinitrotoluene	9.66	165	225091	49.762	nq	97
52) Acenaphthene	9.92	154	860928	44.913	nq	98
53) 3-Nitroaniline	9.83	138	187598	33.094	nq	97
54) 2,4-Dinitrophenol	9.94	184	170669	103.360	nq	89
55) Dibenzofuran	10.09	168	1151210	42.602	nq	99
56) 4-Nitrophenol	10.00	139	382708	98.462	nq	85
57) 2,4-Dinitrotoluene	10.07	165	303600	54.892	nq	98
58) Fluorene	10.43	166	883647	42.916	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212640	50.293	nq	98
60) Diethylphthalate	10.30	149	979857	41.260	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	382942	42.472	nq	94
62) 4-Nitroaniline	10.45	138	255544	46.452	nq	90
63) Azobenzene	10.59	77	1021128	41.236	nq	91
65) 4,6-Dinitro-2-methylphenol	10.48	198	125891	59.428	nq	89
66) n-Nitrosodiphenylamine	10.55	169	808738	42.081	nq	97
67) 4-Bromophenyl-phenylether	10.92	248	235199	41.674	nq	90
68) Hexachlorobenzene	10.99	284	243057	41.163	nq	96
69) Atrazine	11.07	200	229077	42.558	nq	98
70) Pentachlorophenol	11.17	266	284057	99.445	nq	98
71) Phenanthrene	11.39	178	1279265	41.365	nq	98
72) Anthracene	11.45	178	1302654	41.844	nq	99
73) Carbazole	11.60	167	1235843	41.675	nq	100
74) Di-n-butylphthalate	11.93	149	1549647	40.763	nq	99
75) Fluoranthene	12.58	202	1289774	42.437	nq	99
77) Benzidine	12.69	184	461223	31.465	nq	99
78) Pyrene	12.80	202	1296087	39.013	nq	98
80) Butylbenzylphthalate	13.42	149	648240	40.125	nq	98
81) Benzo(a)anthracene	13.99	228	977244	41.316	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	271366	33.949	nq	97
83) Chrysene	14.03	228	988907	40.582	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	847467	42.495	nq	98
85) Di-n-octyl phthalate	14.59	149	1445213	44.283	nq	96
86) Indeno(1,2,3-cd)pyrene	16.90	276	767720	39.223	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	919911	46.793	nq	99
89) Benzo(k)fluoranthene	15.06	252	789569	44.049	nq	99
90) Benzo(a)pyrene	15.39	252	807994	47.241	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	627591	41.920	nq	# 93
92) Benzo(g,h,i)perylene	17.34	276	631368	41.351	nq	# 94

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

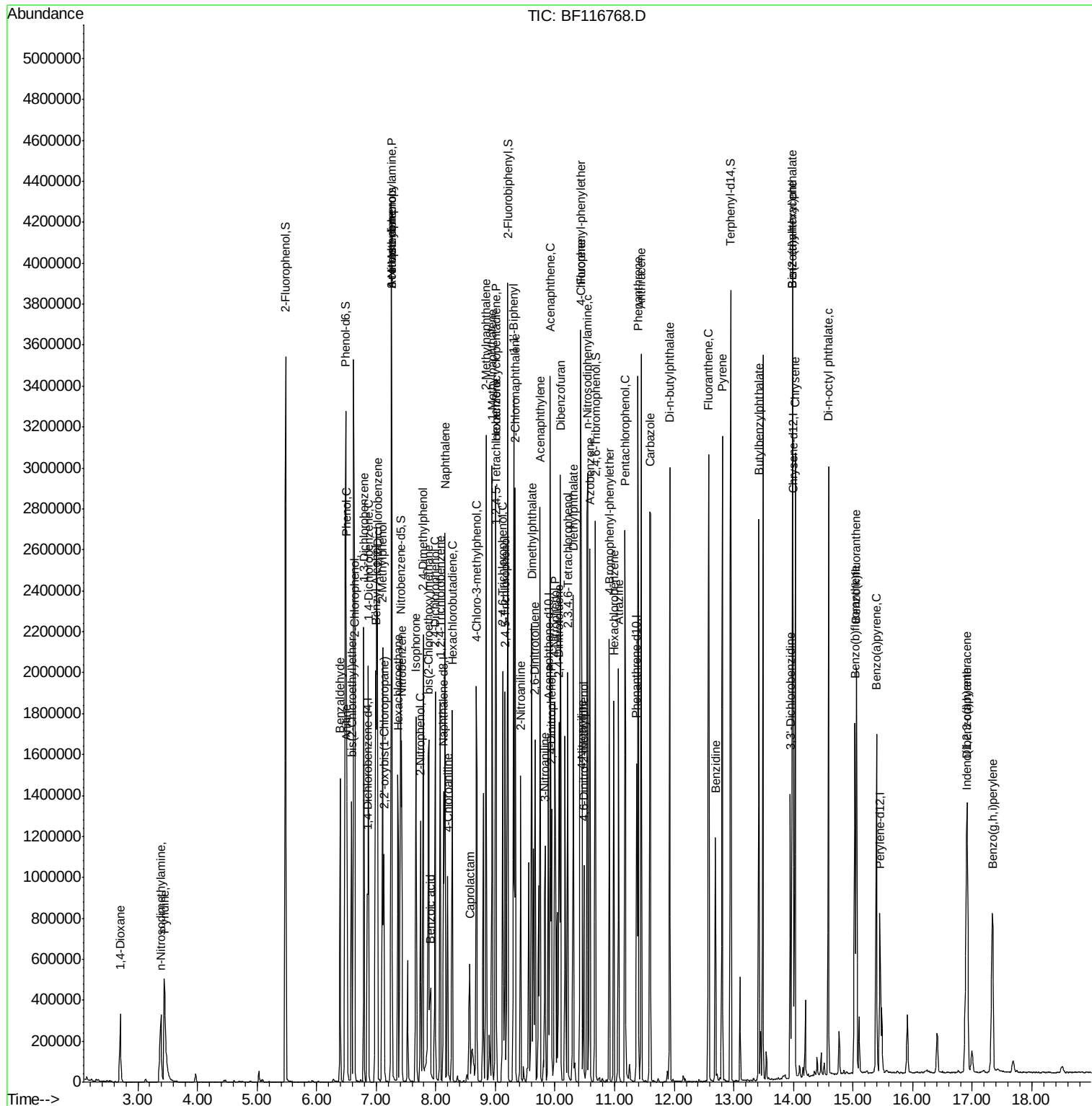
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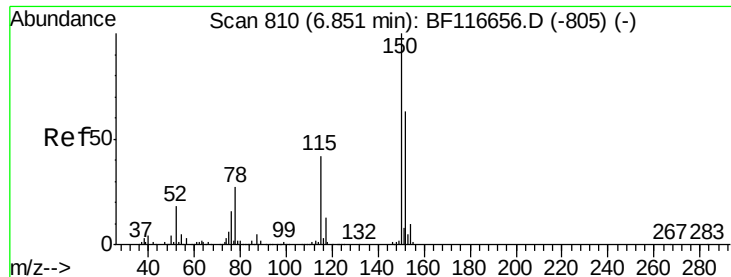
Instrument :
BNA_F
ClientSampleId :
PB122729BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

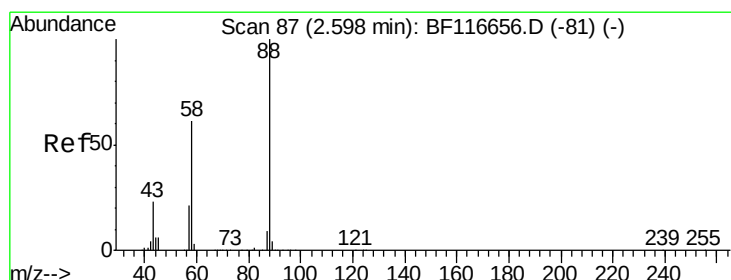
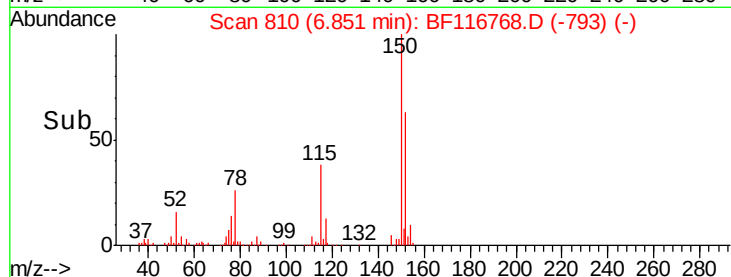
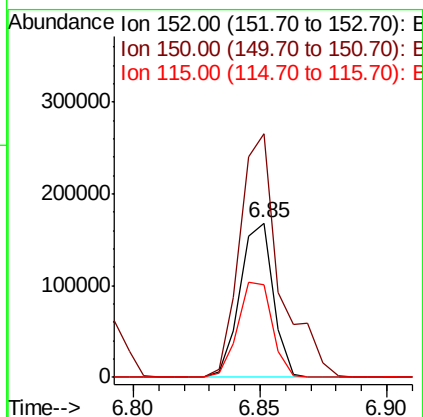
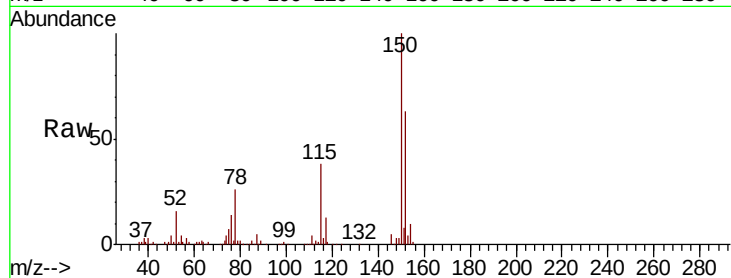
ClientSampleId :

PB122729BS

Tot Ion:	152	Resp:	153217
Ion Ratio	Lower	Upper	
152	100		
150	157.8	124.4	186.6
115	60.3	49.9	74.9

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#2

1,4-Dioxane

Concen: 43.302 ng

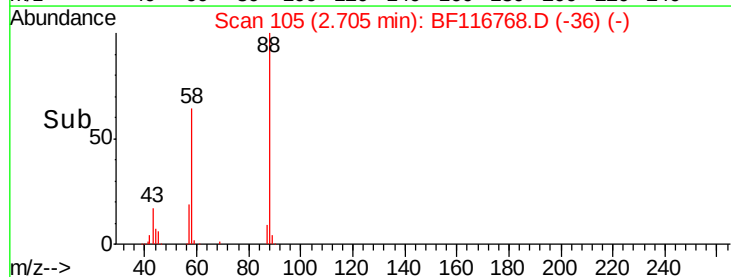
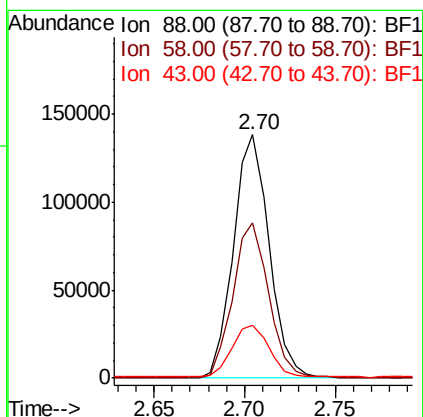
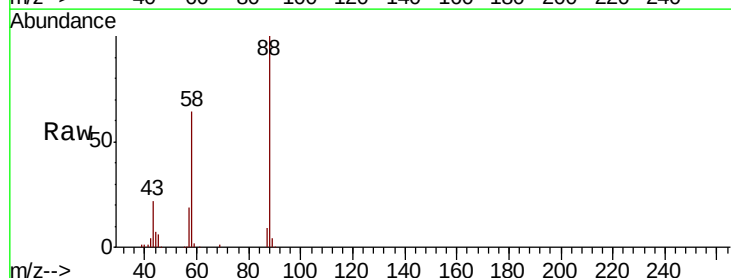
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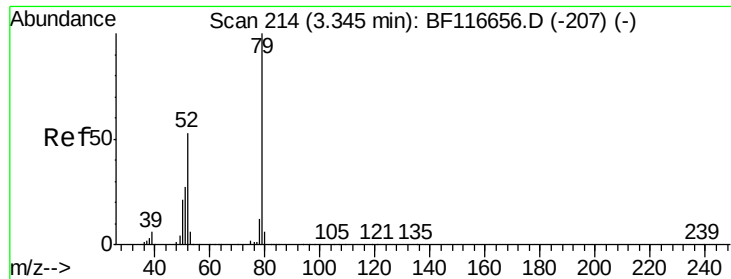
Delta R.T. 0.11 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion:	88	Resp:	189048
Ion Ratio	Lower	Upper	
88	100		
58	64.2	51.7	77.5
43	22.0	19.8	29.8





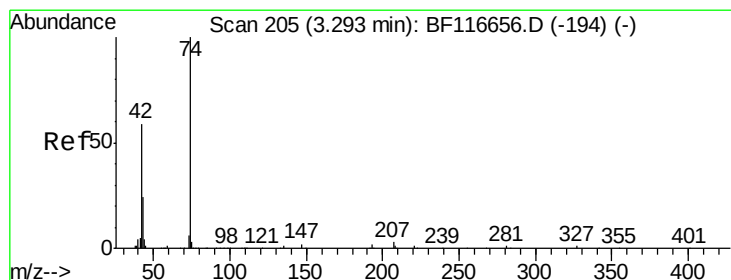
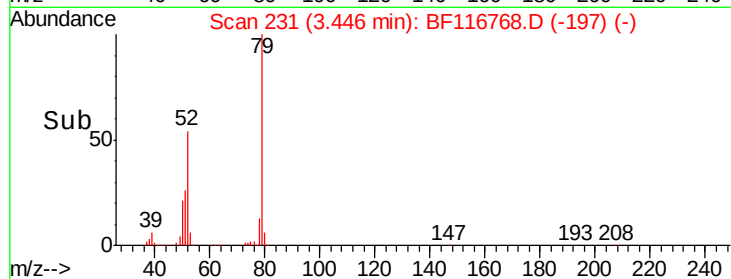
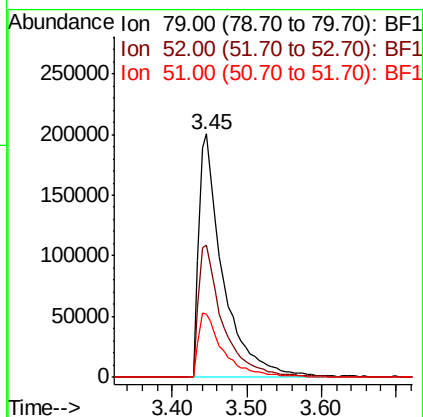
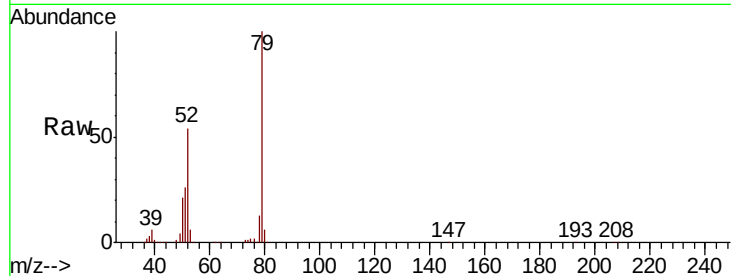
#3
 Pvridine
 Concen: 35.832 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.10 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampled :
 PB122729BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	452944		
52	52	54.4		47.4	71.0
51	51	25.8		24.1	36.1

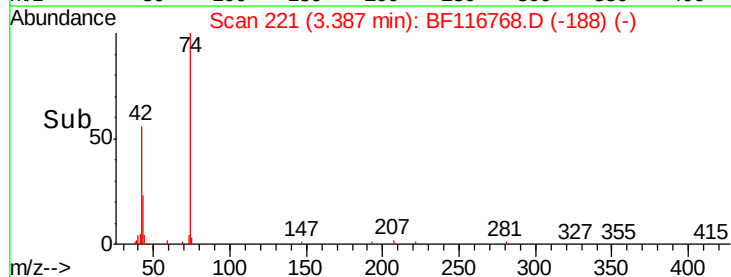
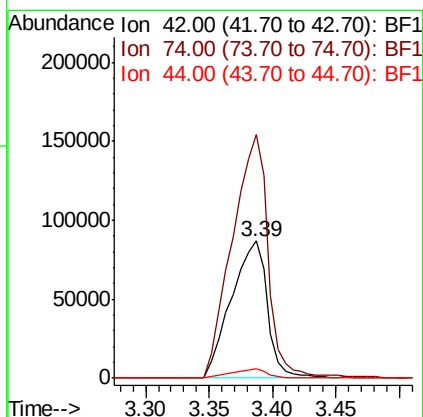
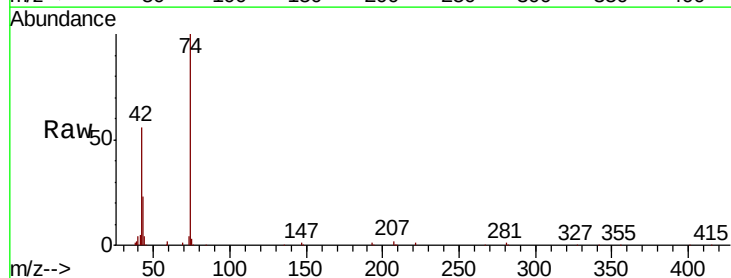
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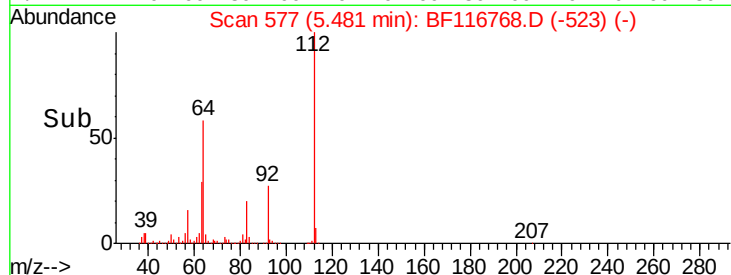
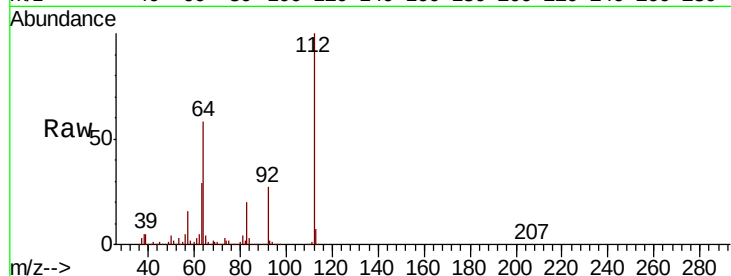
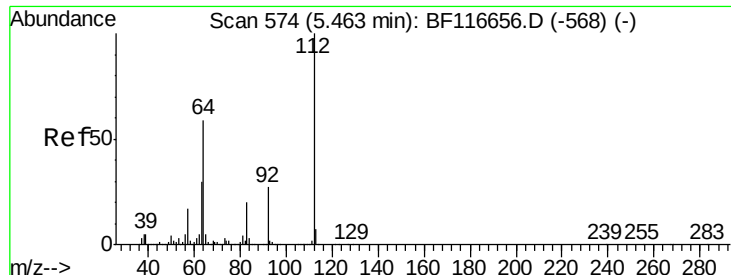
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#4
 n-Nitrosodimethylamine
 Concen: 39.619 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	171975		
74	74	177.6		115.6	173.4#
44	44	6.5		4.6	7.0





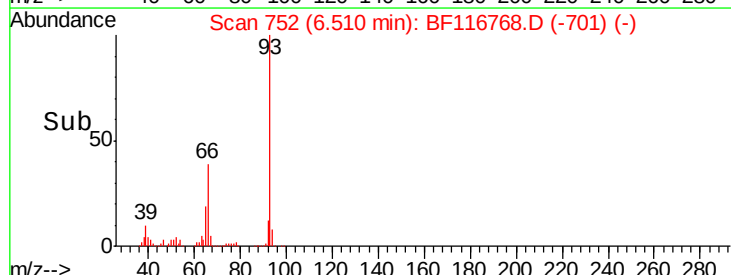
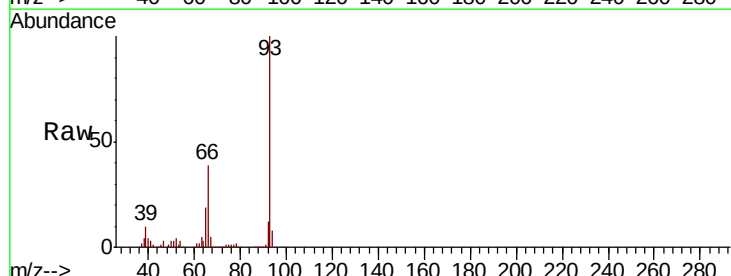
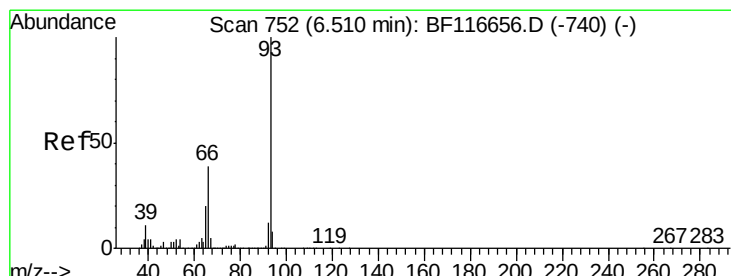
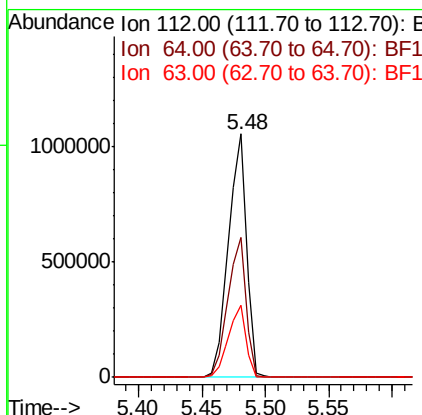
#5
2-Fluorophenol
Concen: 110.612 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	29.5	24.9	37.3

Instrument :
BNA_F
ClientSampleId :
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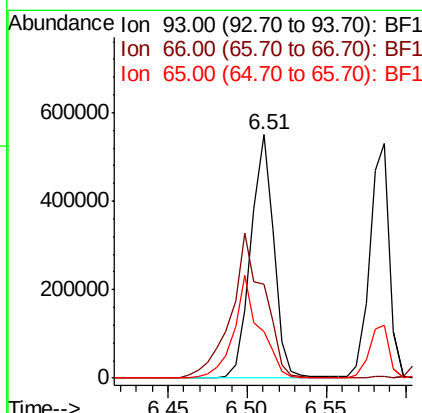
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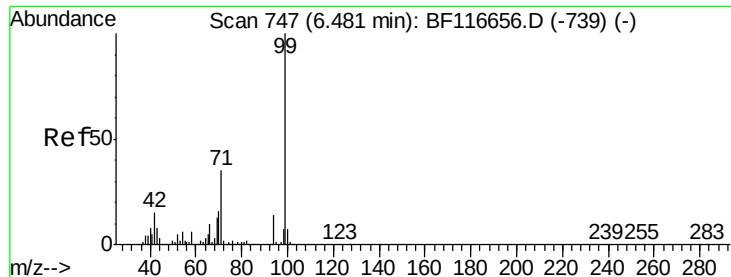
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#6
Aniline
Concen: 32.340 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.7	32.7	49.1
65	19.2	16.3	24.5





#7

Phenol-d6

Concen: 109.921 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

PB122729BS

Tot Ion: 99 Resp: 1365077

Ion Ratio Lower Upper

99 100

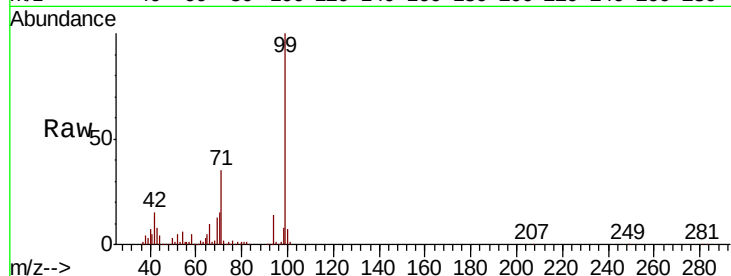
42 15.2 13.7 20.5

71 34.5 30.8 46.2

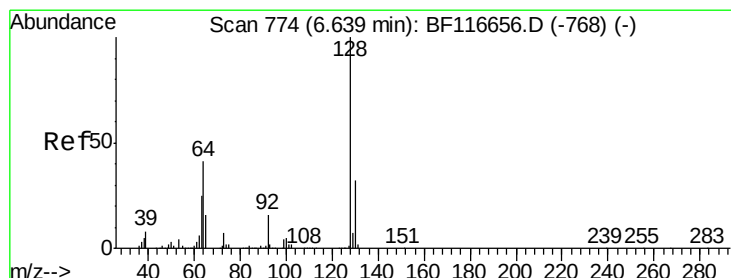
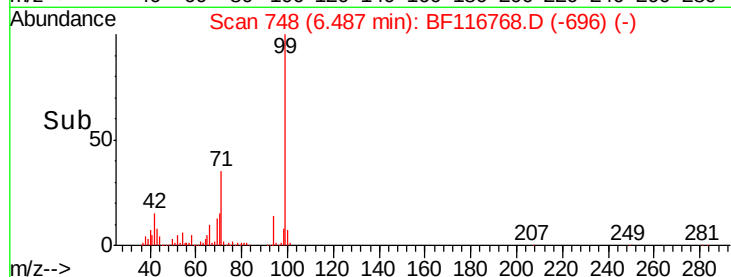
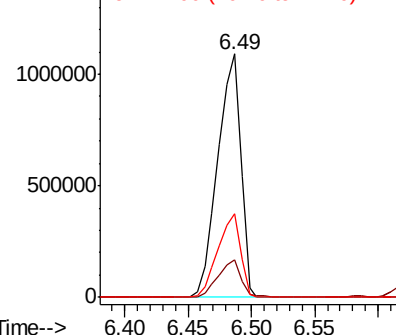
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.577 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

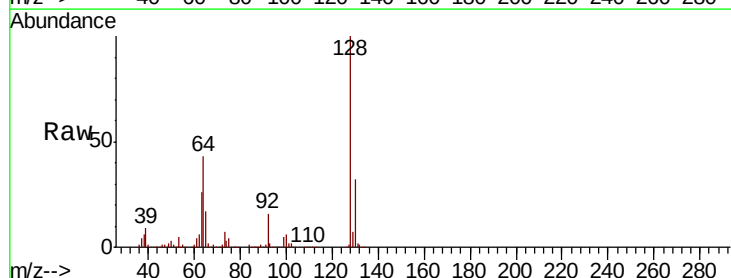
Tgt Ion: 128 Resp: 470542

Ion Ratio Lower Upper

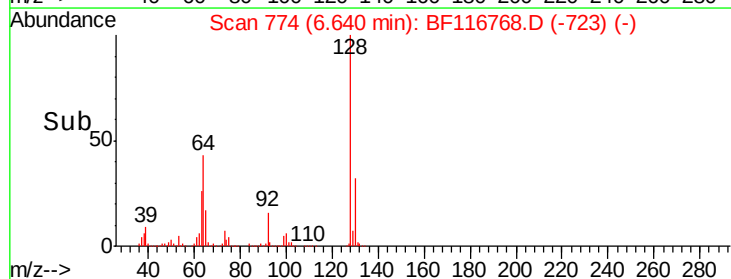
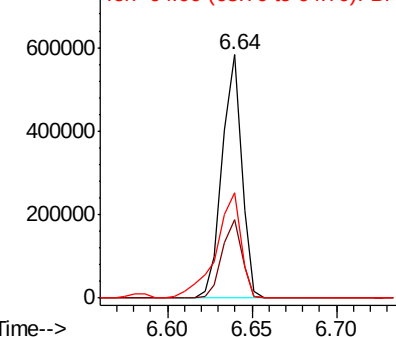
128 100

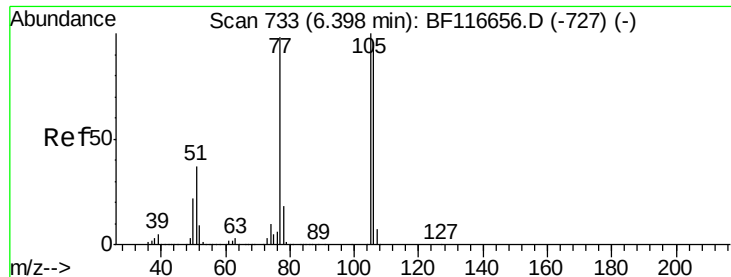
130 32.4 12.3 52.3

64 43.2 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.043 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

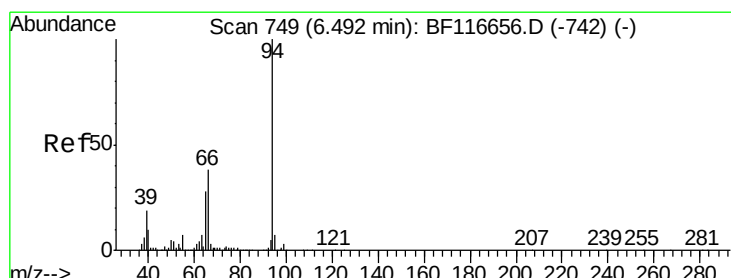
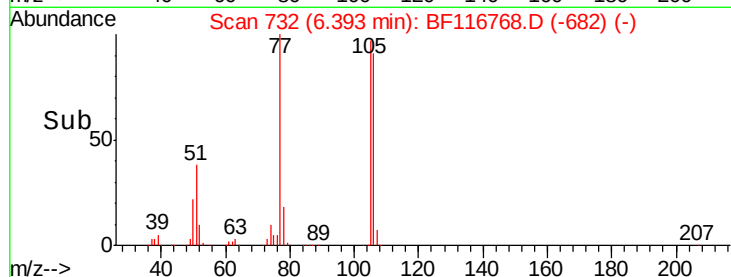
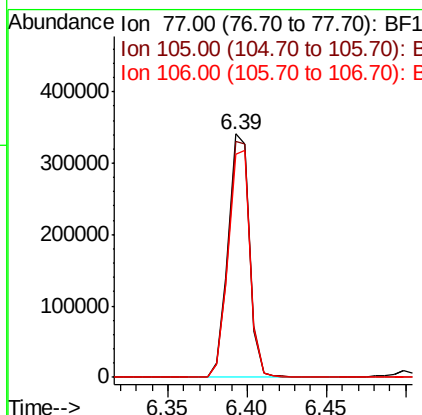
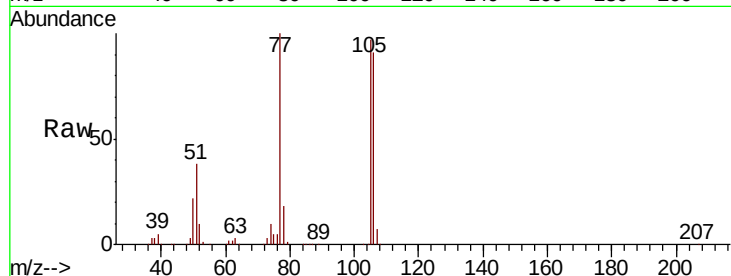
ClientSampleId :

PB122729BS

Tot Ion:	77	Resp:	319432
Ion Ratio	Lower	Upper	
77	100		
105	96.8	76.7	116.7
106	91.4	73.1	113.1

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#10

Phenol

Concen: 43.261 ng

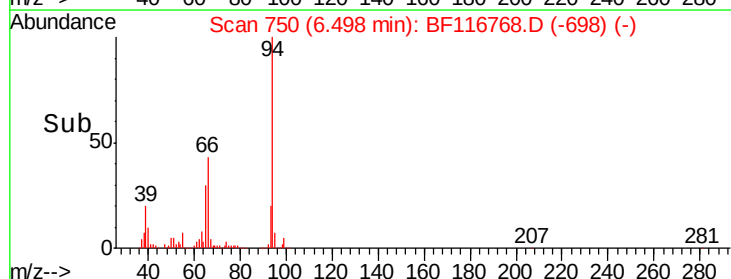
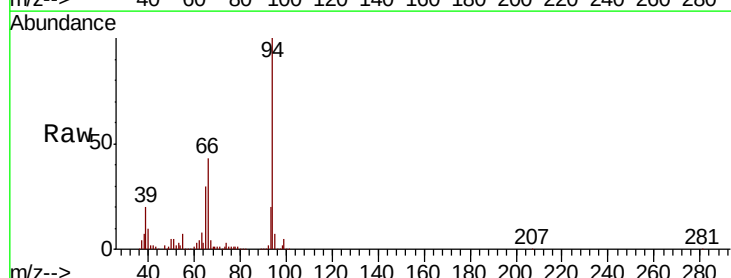
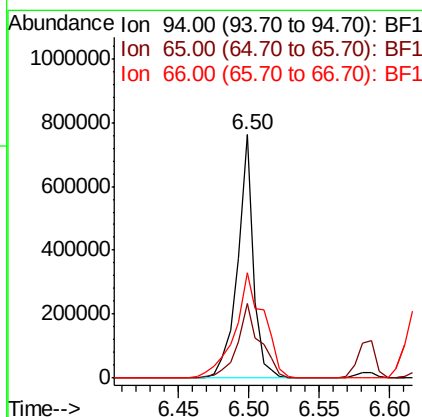
RT: 6.50 min Scan# 750

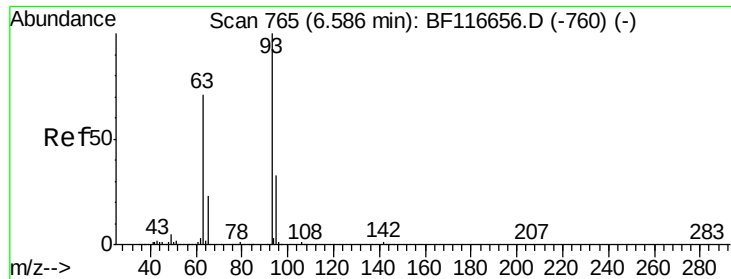
Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion:	94	Resp:	594904
Ion Ratio	Lower	Upper	
94	100		
65	30.4	10.8	50.8
66	43.1	21.1	61.1





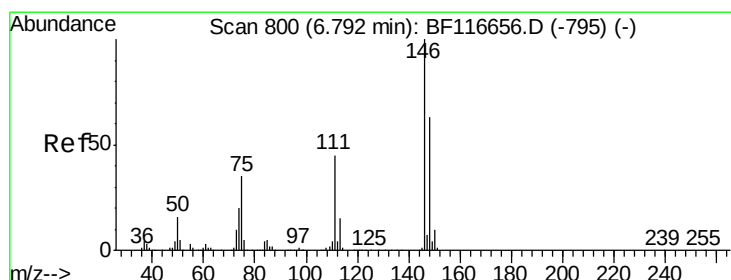
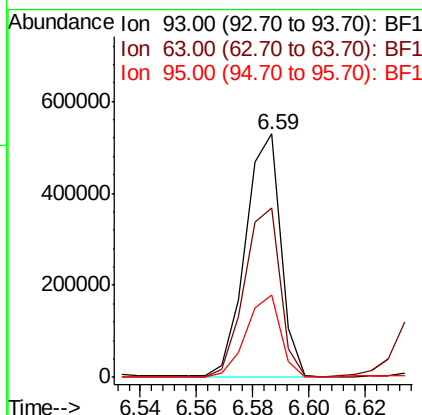
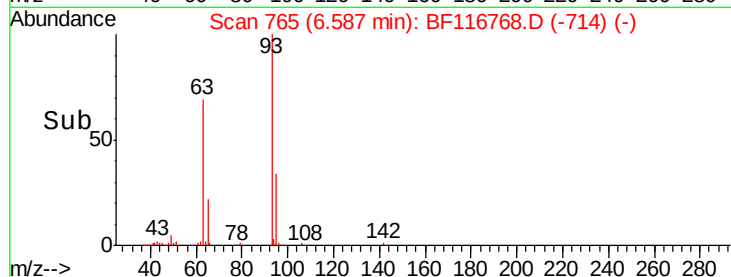
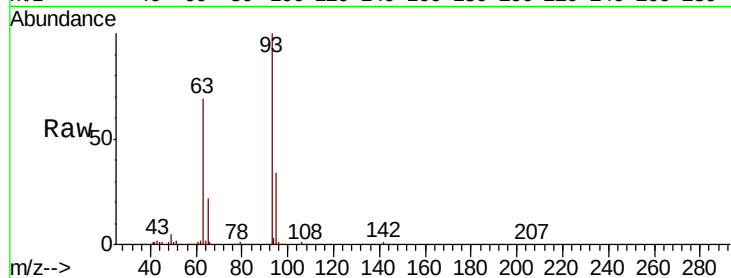
#11
bis(2-Chloroethyl)ether
Concen: 42.741 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	93	Resp	457649
Ion	Ratio	Lower	Upper
93	100		
63	69.4	49.9	89.9
95	33.8	12.7	52.7

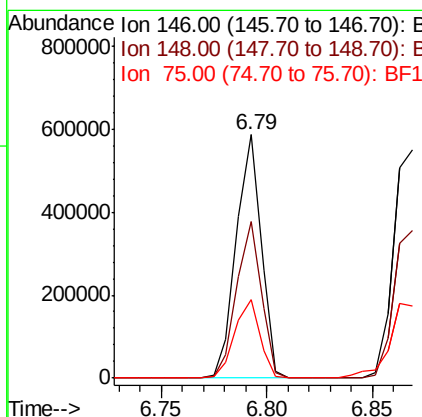
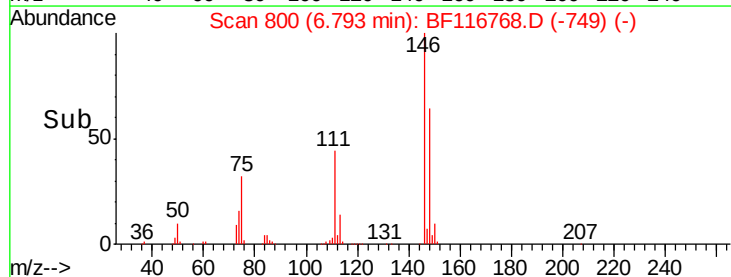
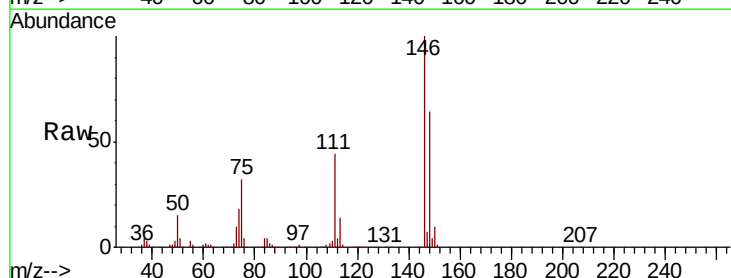
Manual Integrations
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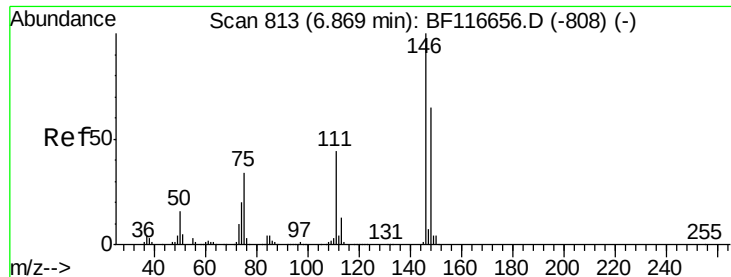
mohammad
9/6/2019 8:18:04 AM



#12
1,3-Dichlorobenzene
Concen: 41.148 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	146	Resp	480136
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	32.4	29.6	44.4





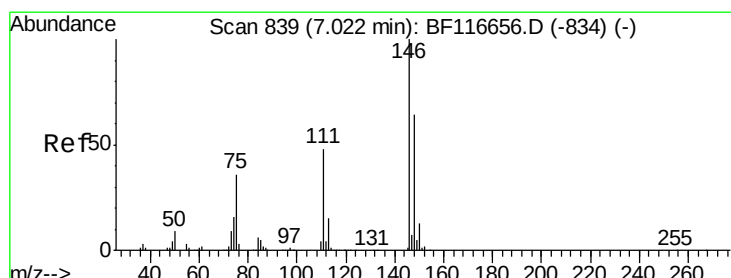
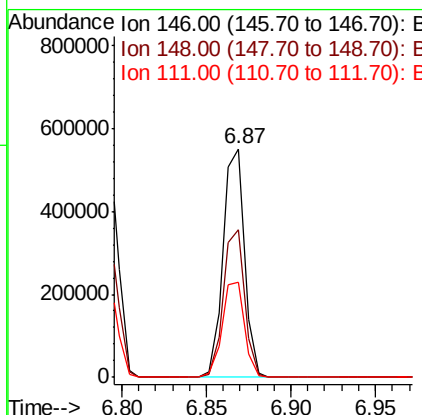
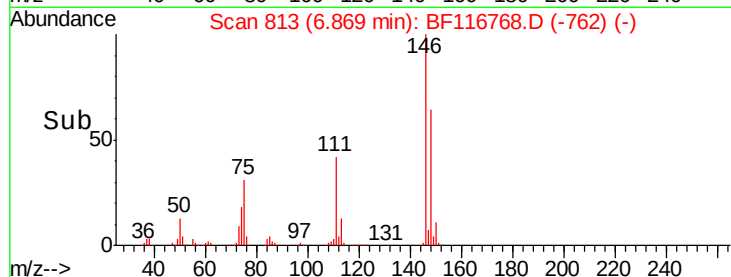
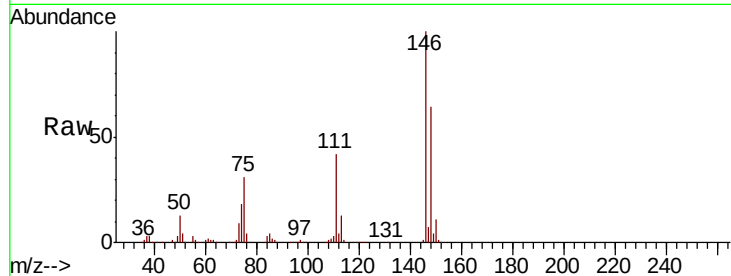
#13
 1,4-Dichlorobenzene
 Concen: 42.023 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122729BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	41.5	34.8	52.2

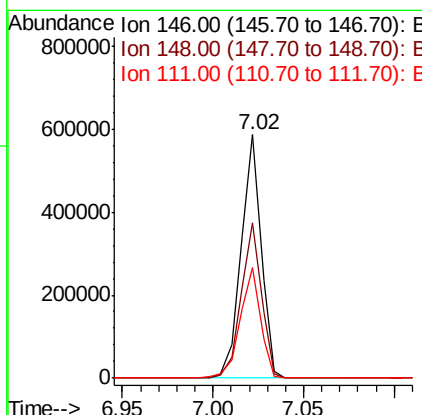
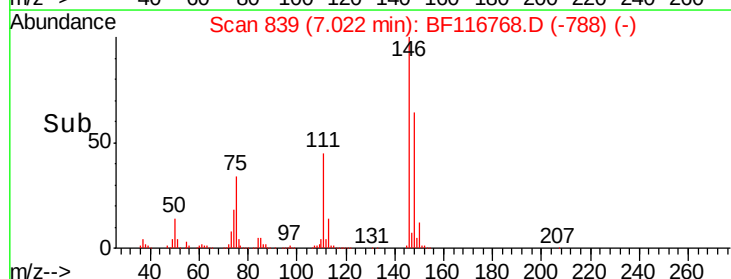
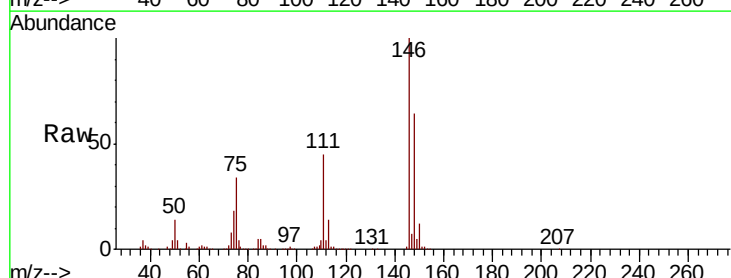
Manual Integrations
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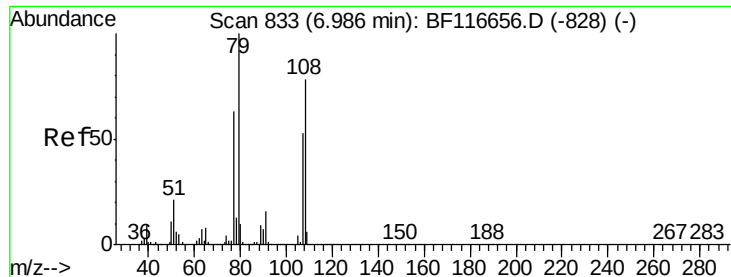
mohammad
 9/6/2019 8:18:04 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.857 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	78.8
111	45.4	34.2	51.4





#15

Benzyl Alcohol

Concen: 43.311 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

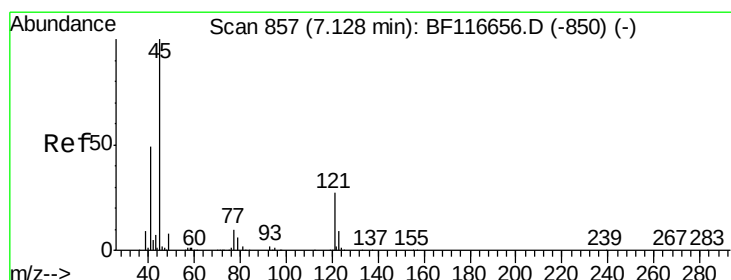
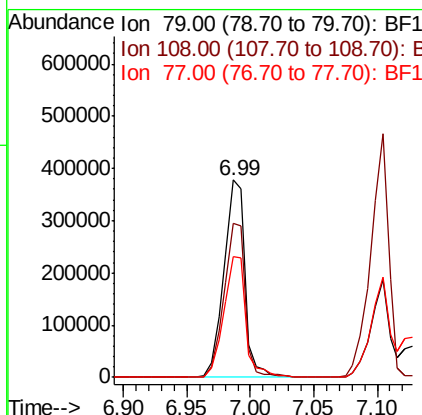
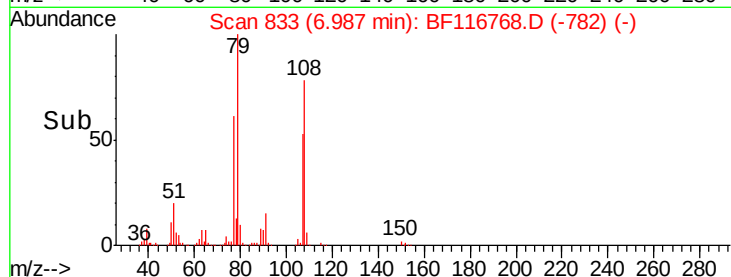
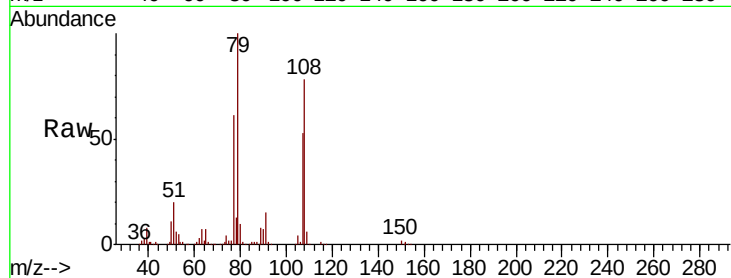
ClientSampleId :

PB122729BS

Tot Ion:	79	Resp:	436607
Ion Ratio	Lower	Upper	
79	100		
108	78.1	59.2	88.8
77	61.0	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.142 ng

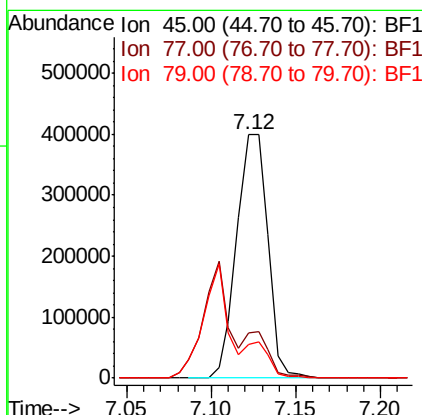
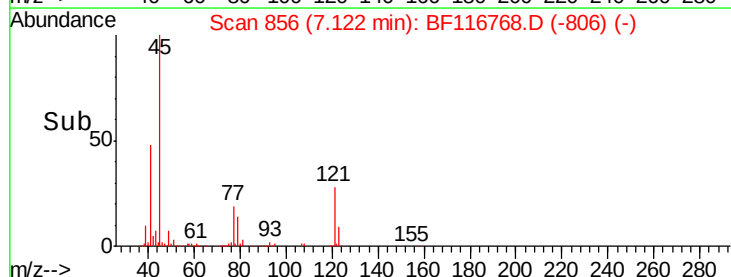
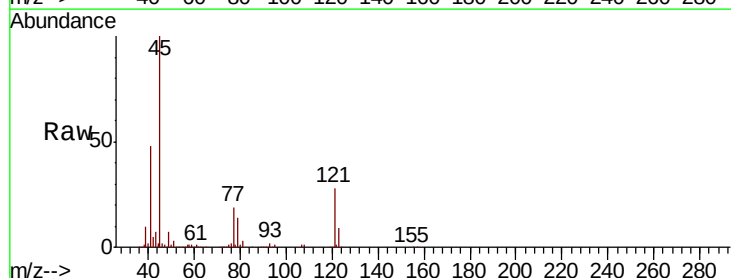
RT: 7.12 min Scan# 856

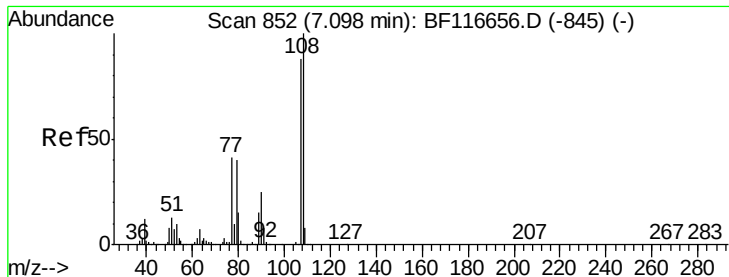
Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion:	45	Resp:	516859
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	38.2
79	13.9	0.0	33.9





#17

2-Methylphenol

Concen: 44.489 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

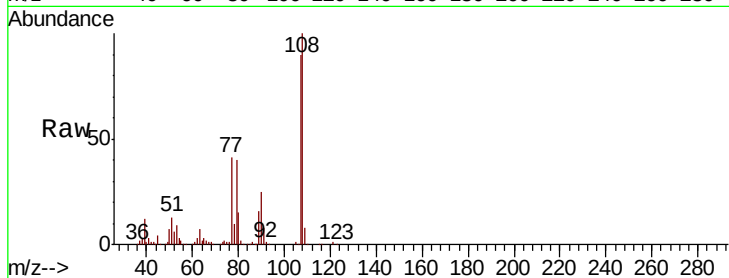
ClientSampleId :

PB122729BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	88.3	132.5	
77	46.0	39.9	59.9	
79	44.8	39.8	59.8	

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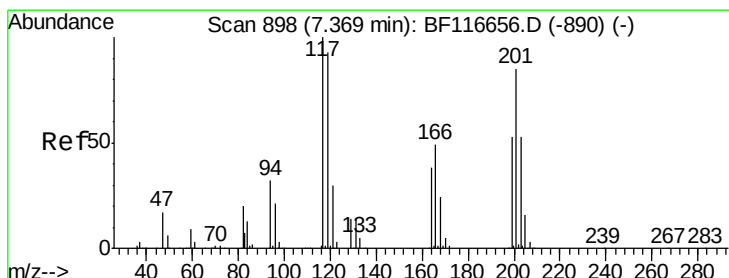
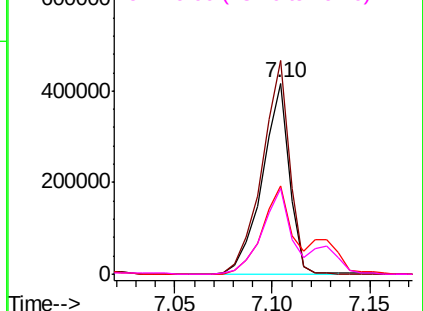
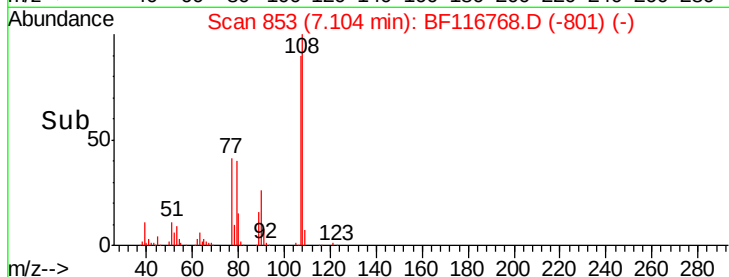
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.606 ng

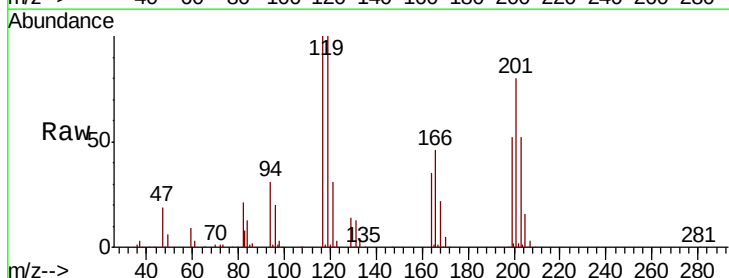
RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.5	76.9	115.3	
201	80.4	79.4	119.0	

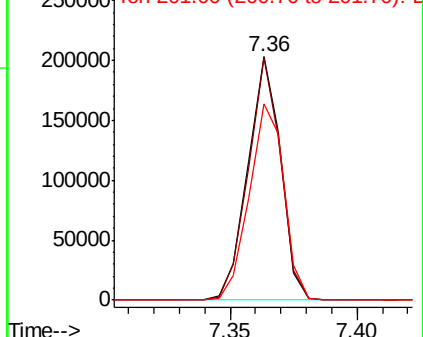
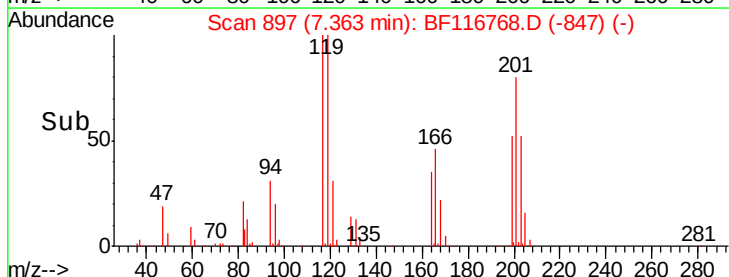


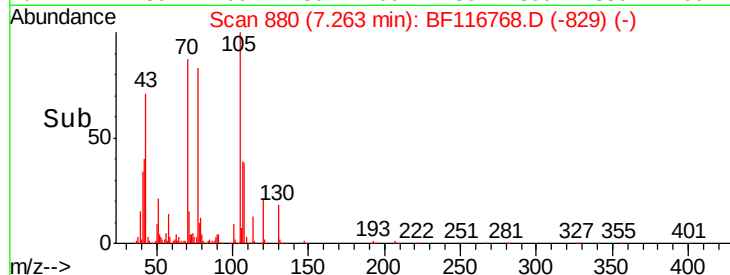
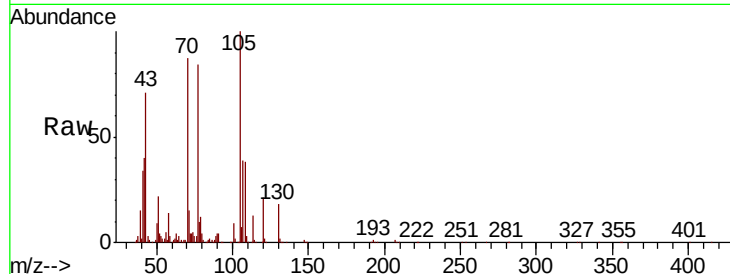
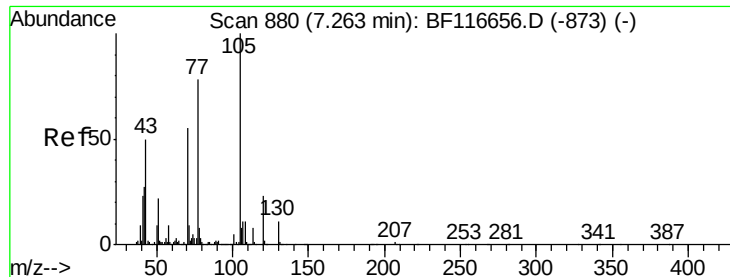
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





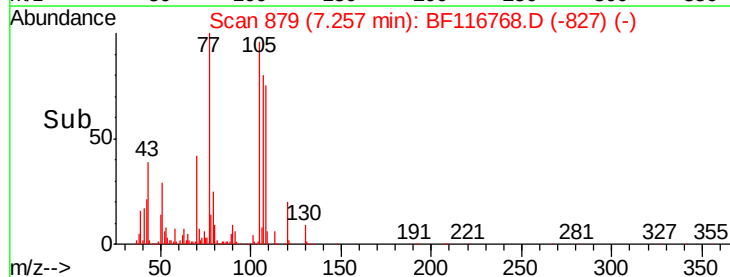
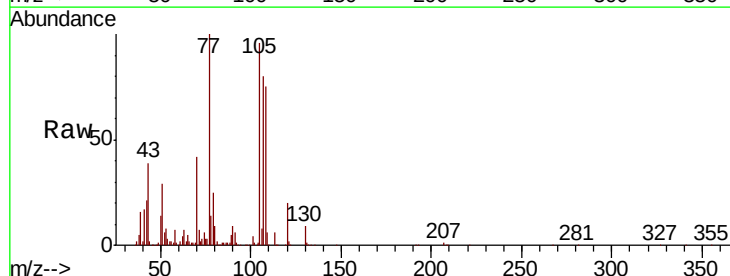
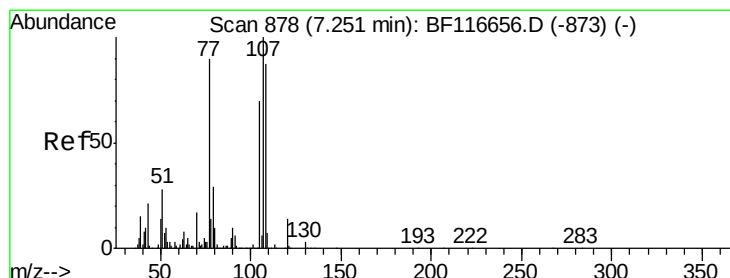
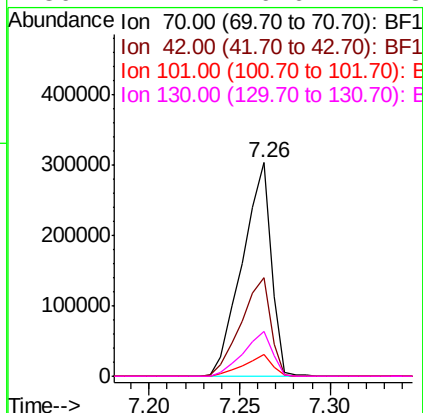
#19
n-Nitroso-di-n-propylamine
Concen: 41.183 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.2	43.5	65.3	
101	10.2	7.8	11.6	
130	21.1	16.6	24.8	

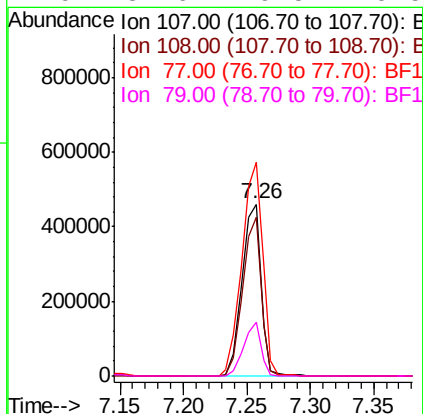
Manual Integrations
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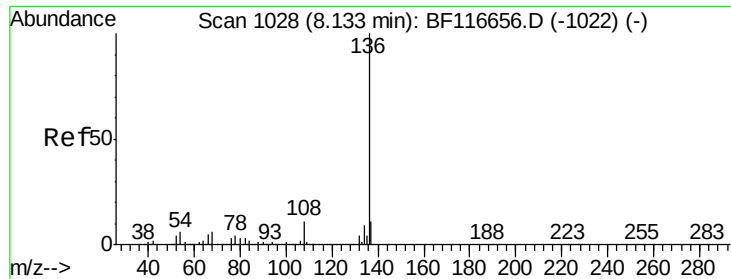
mohammad
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#20
3+4-Methylphenols
Concen: 45.100 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.6	65.5	105.5	
77	124.2	69.4	109.4#	
79	31.6	9.5	49.5	





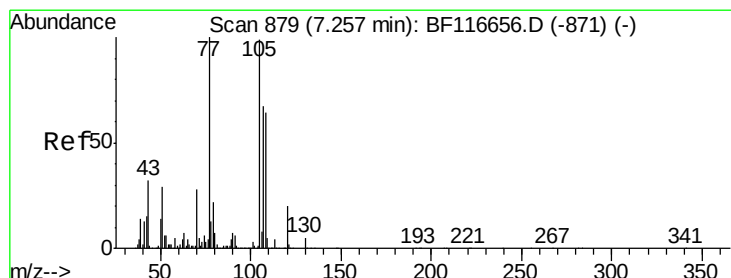
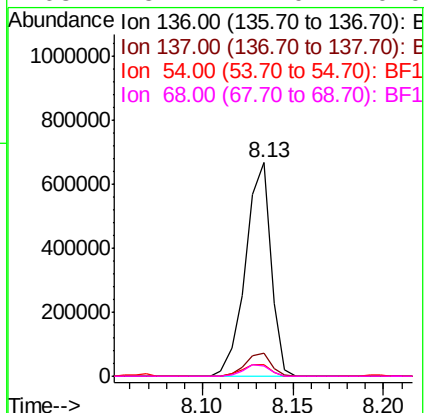
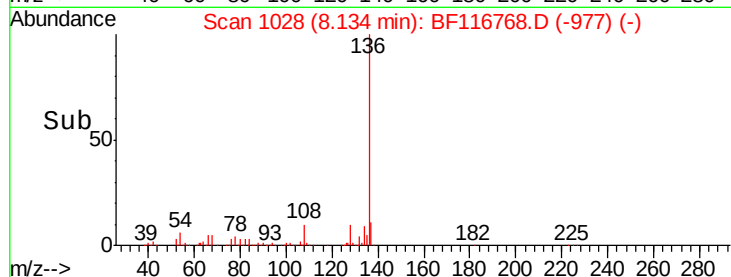
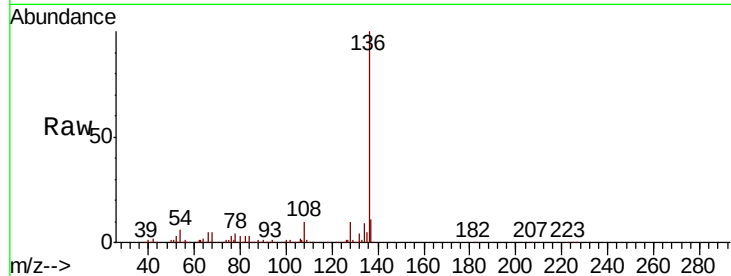
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		651426		
137	10.7		8.9	13.3	
54	5.6		4.8	7.2	
68	5.1		4.0	6.0	

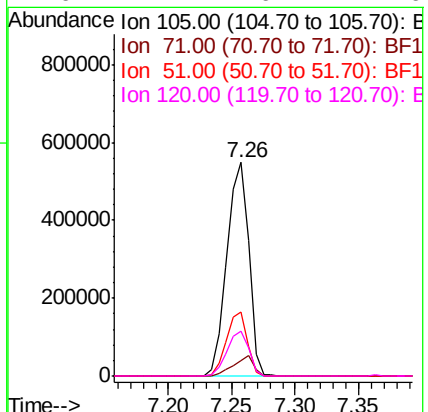
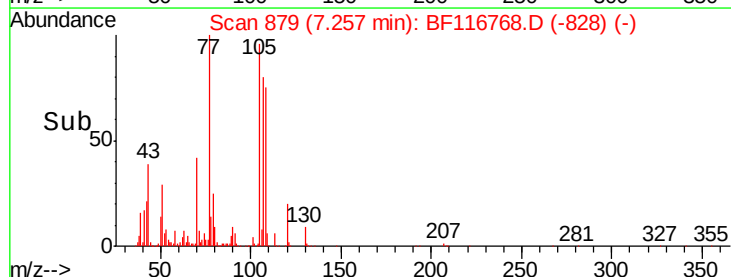
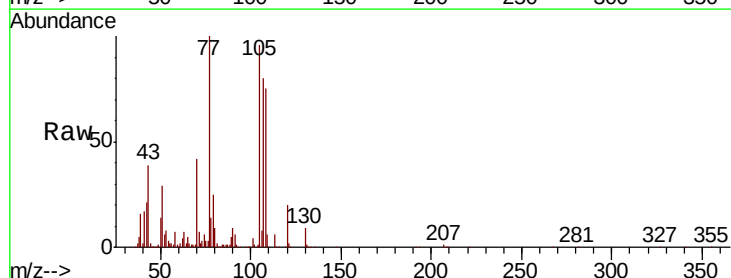
Manual Integrations
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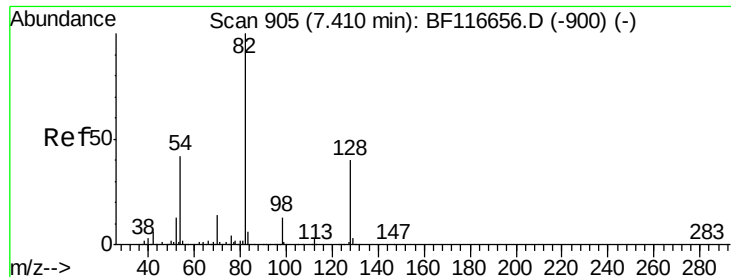
mohammad
9/6/2019 8:18:04 AM



#22
Acetophenone
Concen: 41.620 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		652726		
71	7.2		4.2	6.4#	
51	29.9		25.8	38.8	
120	21.2		16.4	24.6	





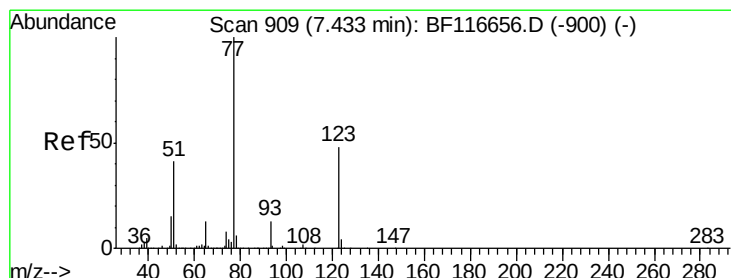
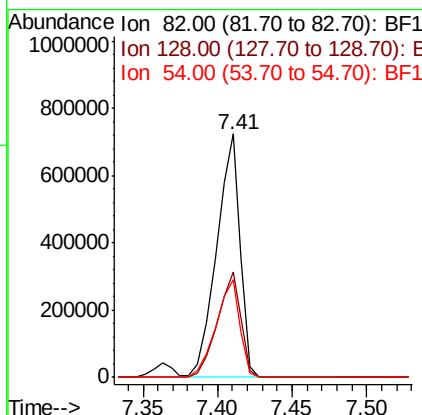
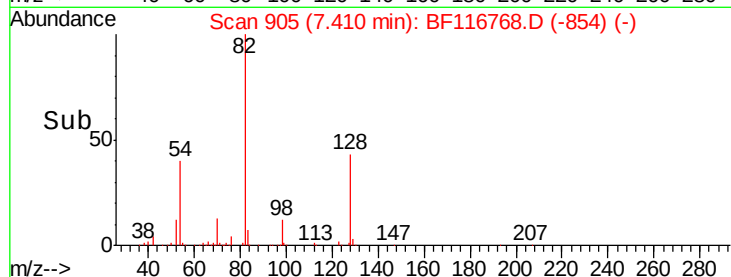
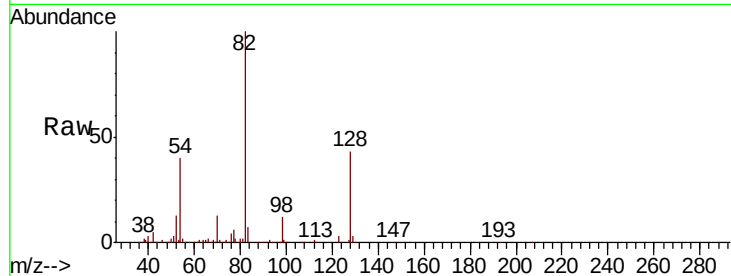
#23
 Nitrobenzene-d5
 Concen: 69.698 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleID :
 PB122729BS

Tot Ion	82	Resp	795321
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.8	49.2
54	40.1	36.9	55.3

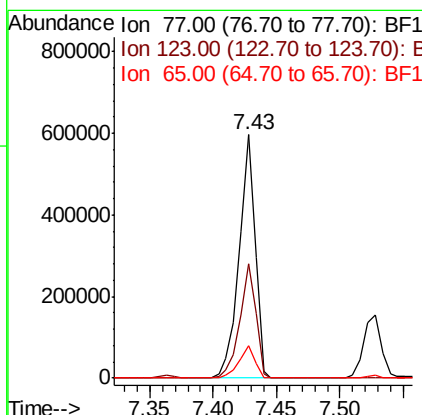
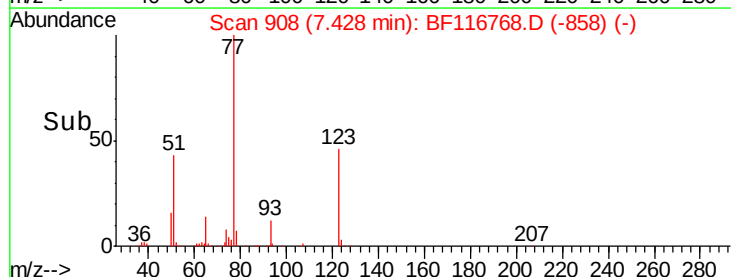
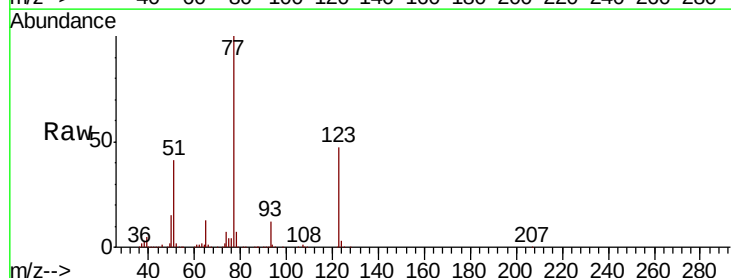
Manual Integrations
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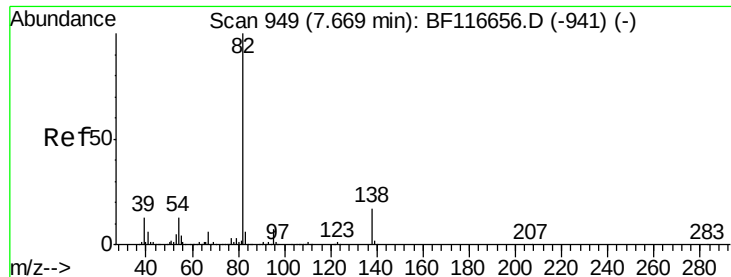
mohammad
 9/6/2019 8:18:04 AM



#24
 Nitrobenzene
 Concen: 44.543 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	77	Resp	516942
Ion Ratio	Lower	Upper	
77	100		
123	46.8	33.1	49.7
65	13.2	10.6	15.8





#25

Isophorone

Concen: 41.478 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

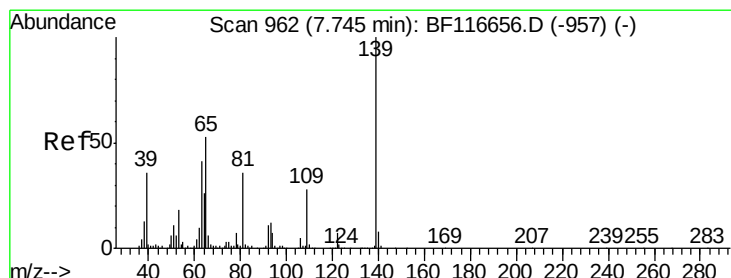
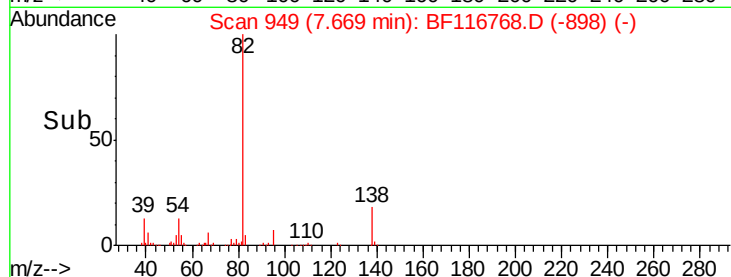
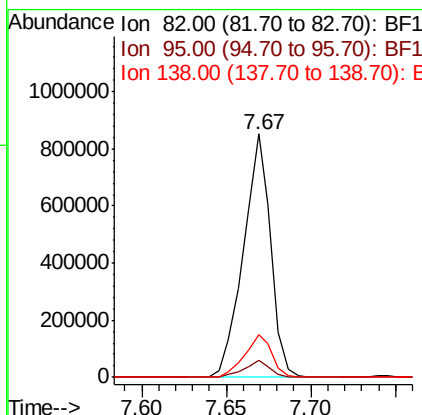
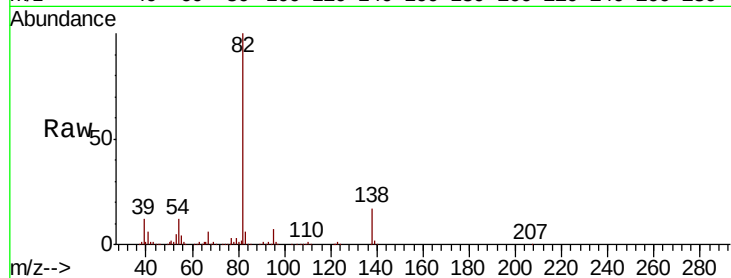
ClientSampleId :

PB122729BS

Tot Ion	82	Resp	959090
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	17.3	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.593 ng

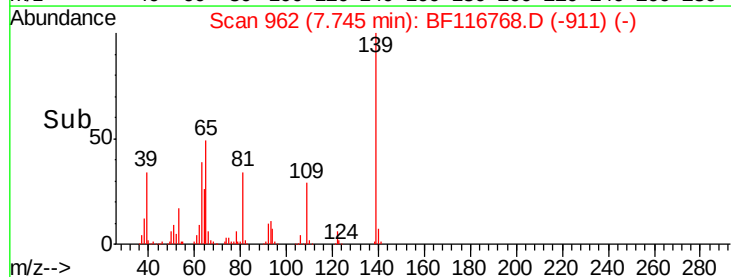
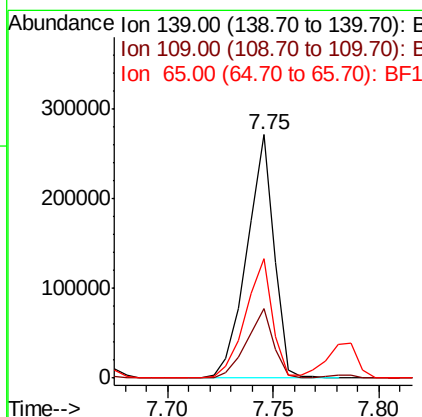
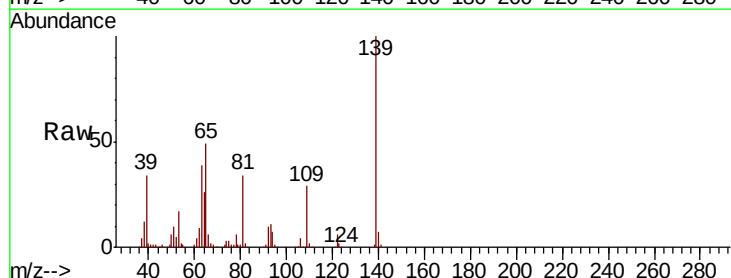
RT: 7.75 min Scan# 962

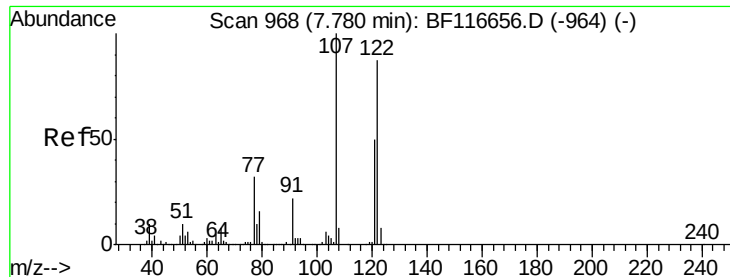
Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion	139	Resp	244183
Ion Ratio	Lower	Upper	
139	100		
109	28.5	27.1	40.7
65	48.9	43.0	64.6





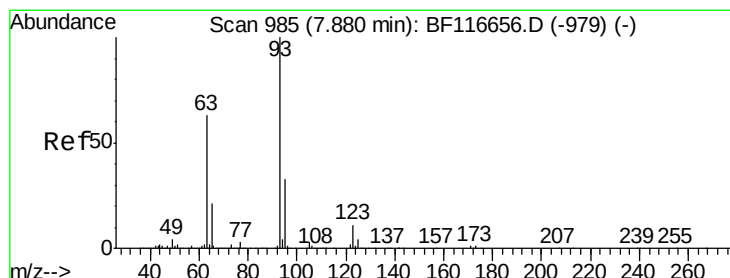
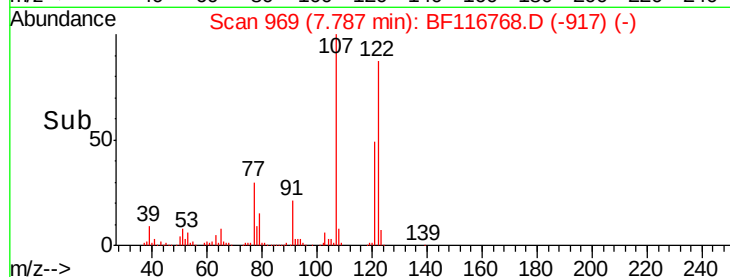
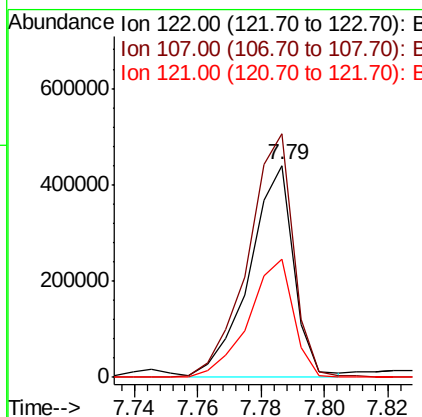
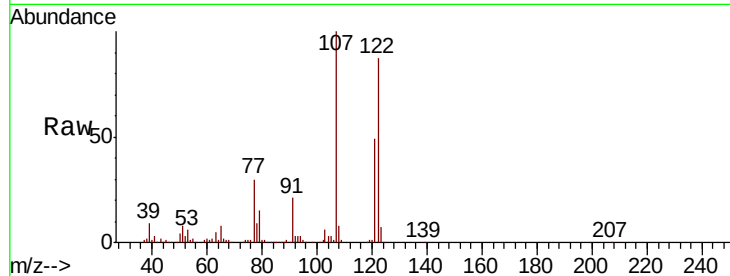
#27
2,4-Dimethylphenol
Concen: 49.102 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	98.1	147.1
121	55.7	47.3	70.9

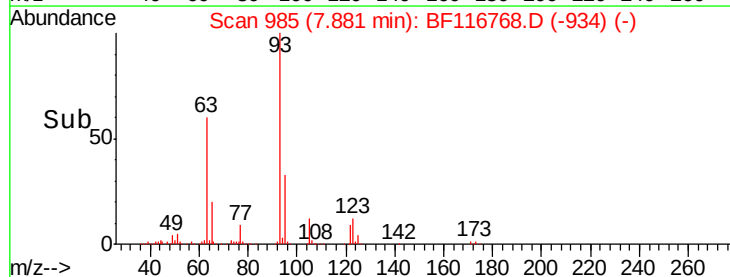
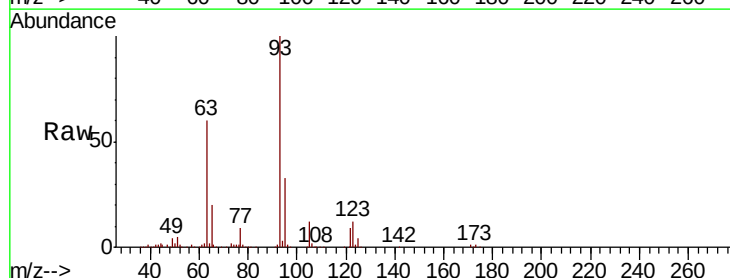
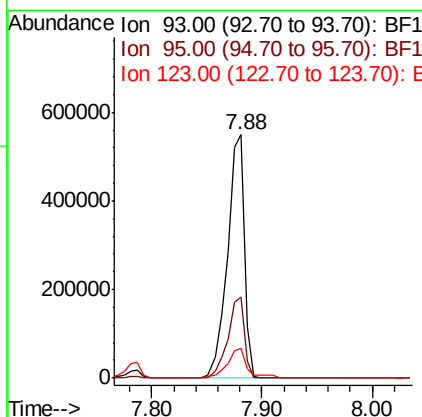
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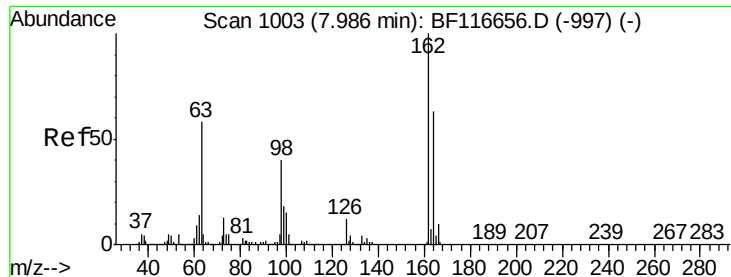
mohammad
9/6/2019 8:18:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.955 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.3	9.8	14.8





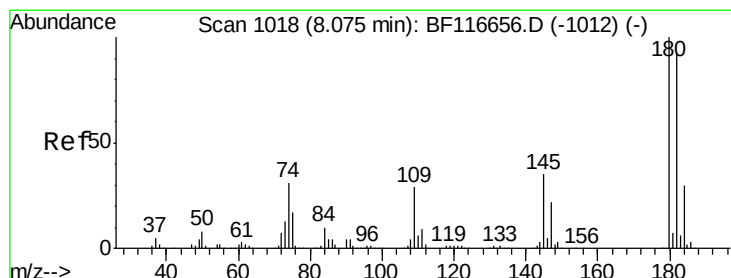
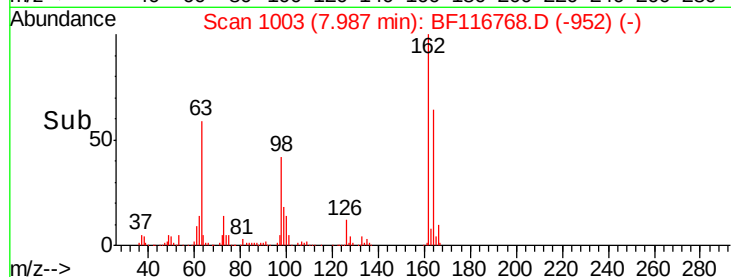
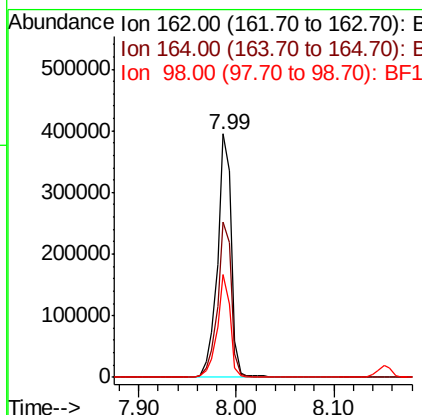
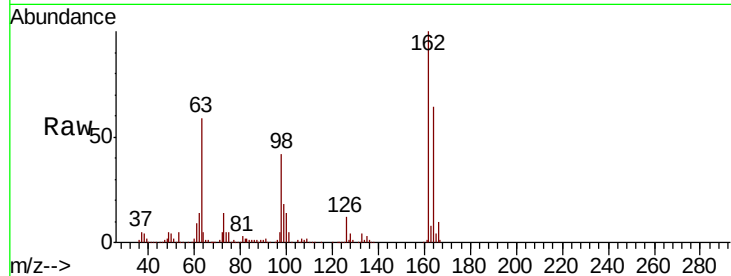
#29
 2,4-Dichlorophenol
 Concen: 46.421 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleID :
 PB122729BS

Tot Ion:	162	Resp:	388749
Ion Ratio		Lower	Upper
162	100		
164	64.0	43.4	83.4
98	42.4	18.1	58.1

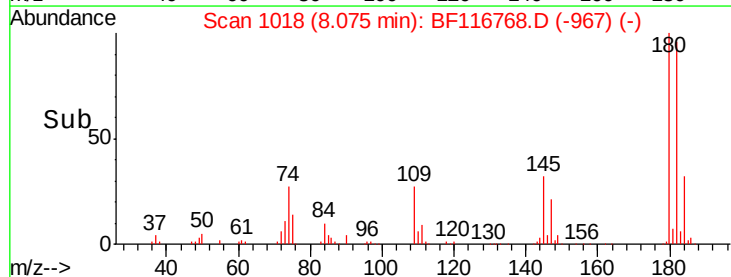
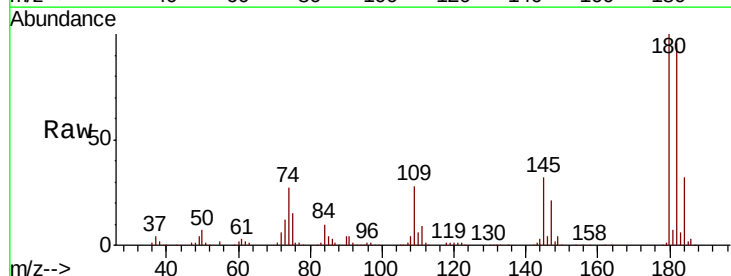
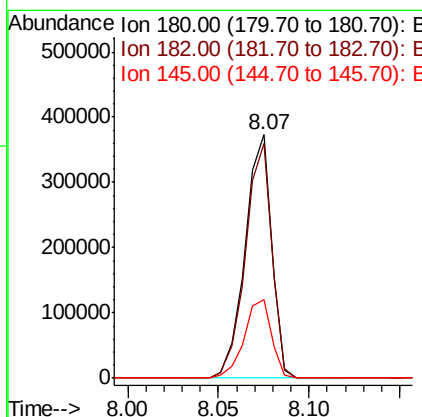
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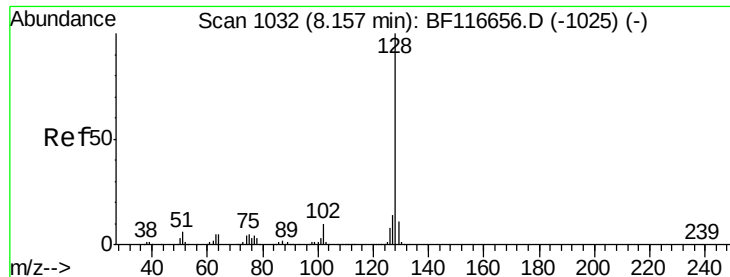
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.744 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion:	180	Resp:	379163
Ion Ratio		Lower	Upper
180	100		
182	96.5	78.6	118.0
145	32.4	25.7	38.5





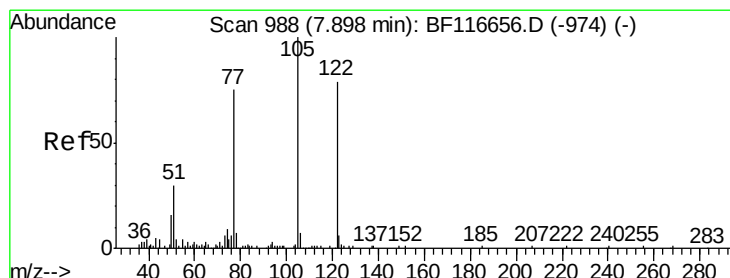
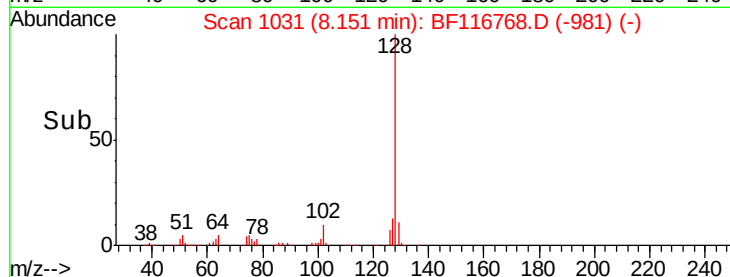
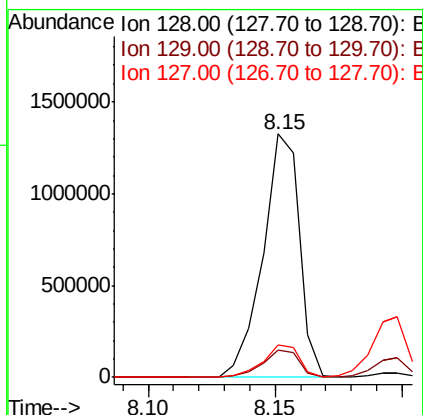
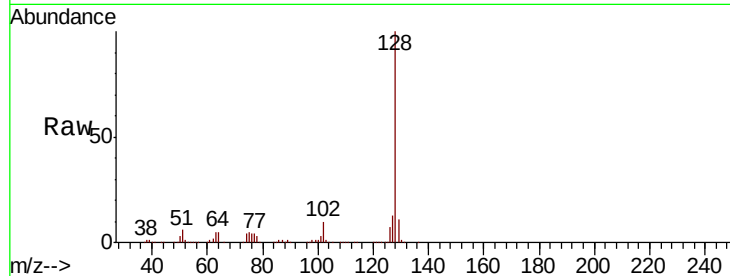
#31
Naphthalene
Concen: 43.450 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.2	10.4	15.6

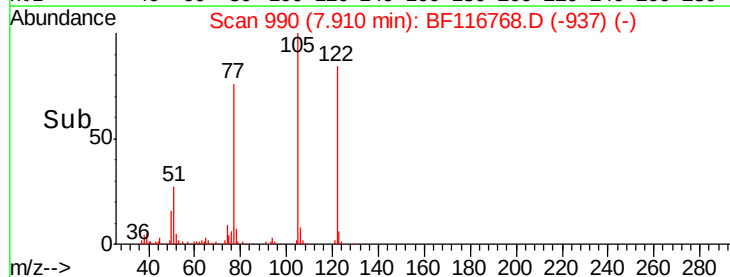
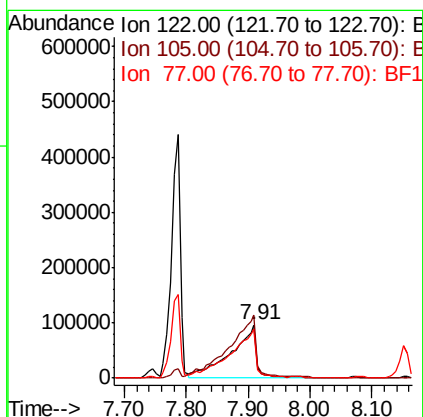
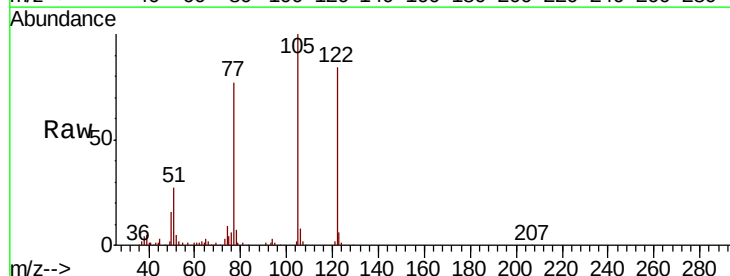
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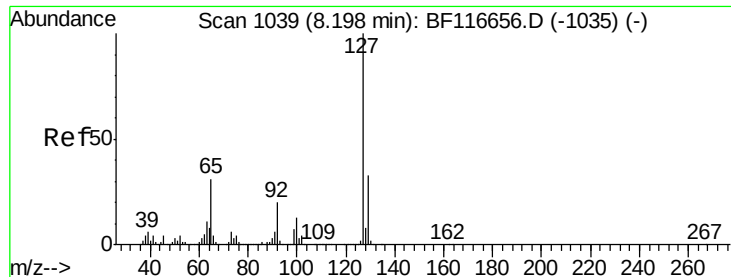
mohammad
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#32
Benzoic acid
Concen: 57.088 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	110.0	150.0
77	91.7	81.7	121.7





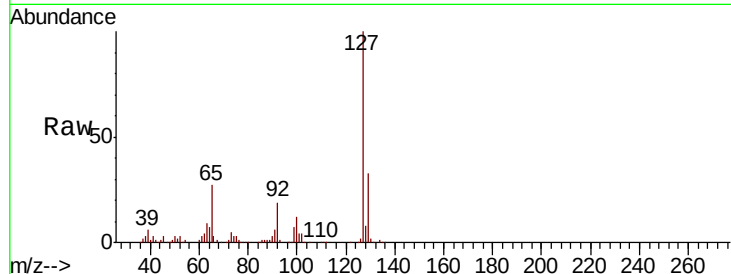
#33
4-Chloroaniline
Concen: 23.369 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleID :
PB122729BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.2		
65	26.7	26.0	39.0		
92	18.6	16.1	24.1		

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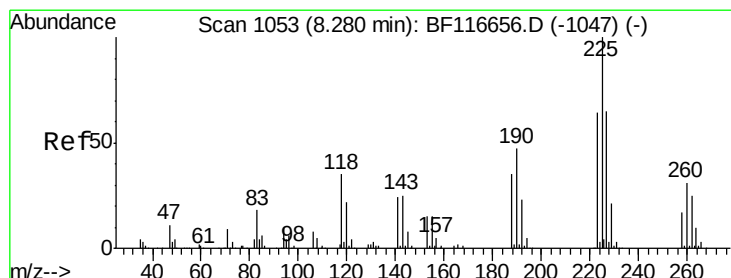
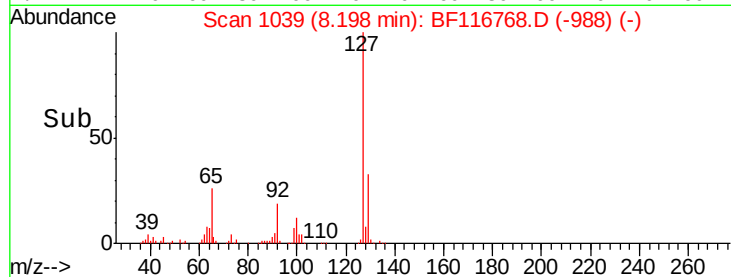
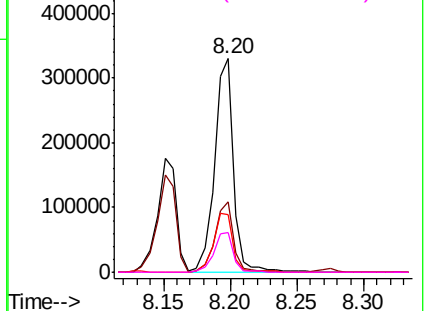
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

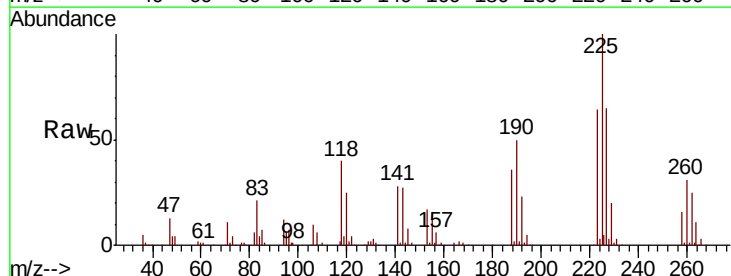
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.992 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	49.4	74.2		
227	64.8	51.0	76.4		

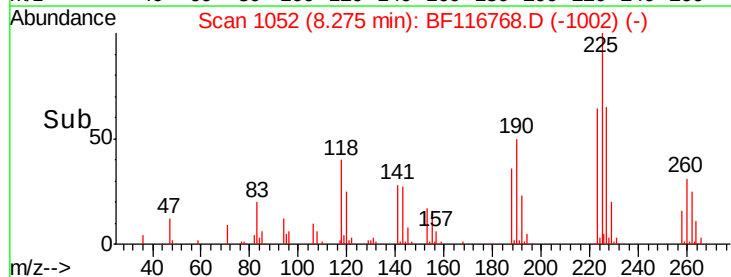
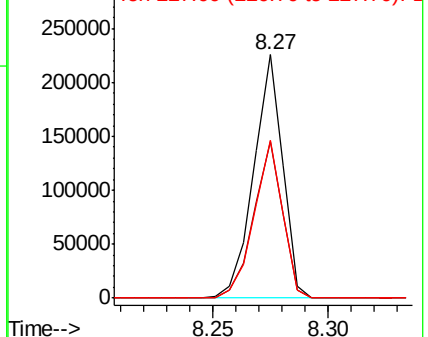


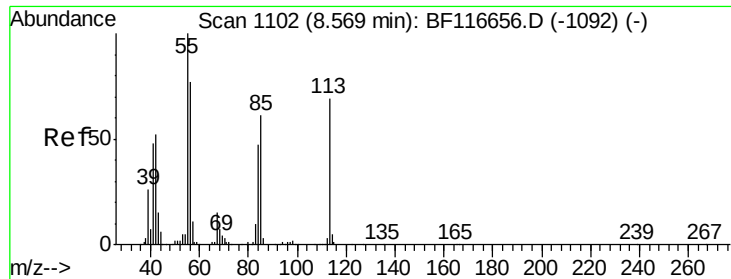
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





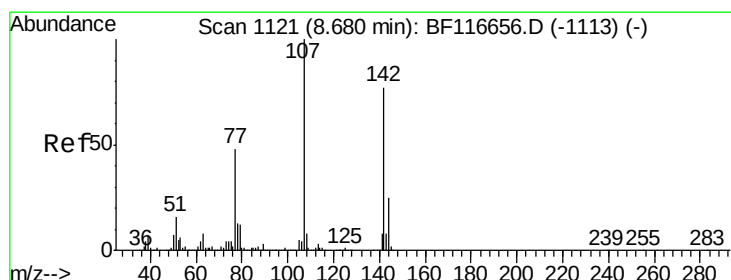
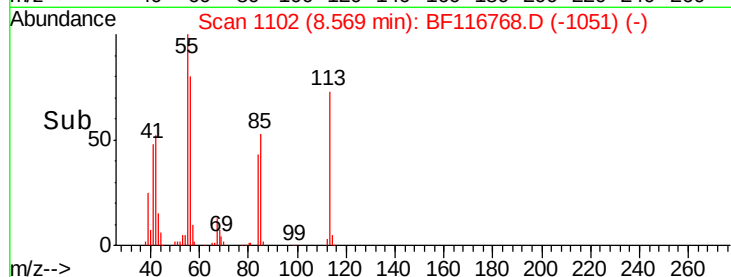
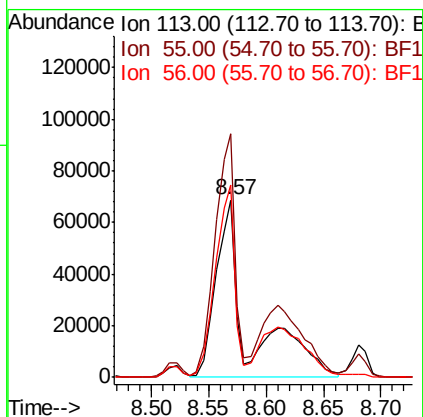
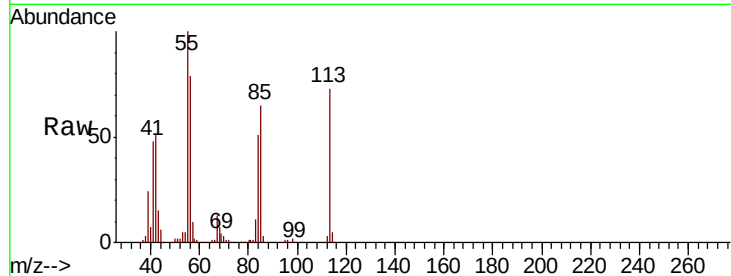
#35
 Caprolactam
 Concen: 42.375 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122729BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		132804		
55	137.3		124.3	164.3	
56	108.8		94.6	134.6	

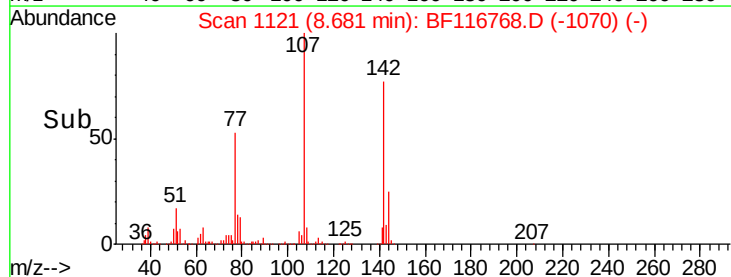
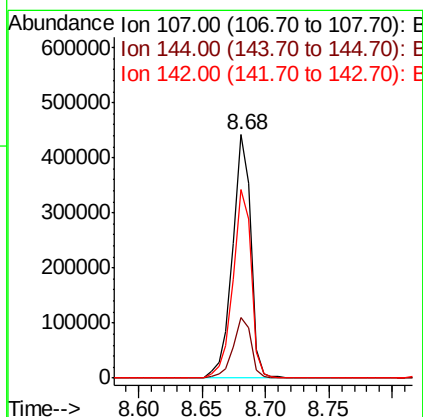
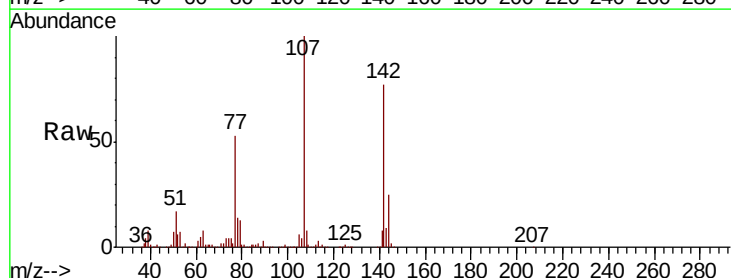
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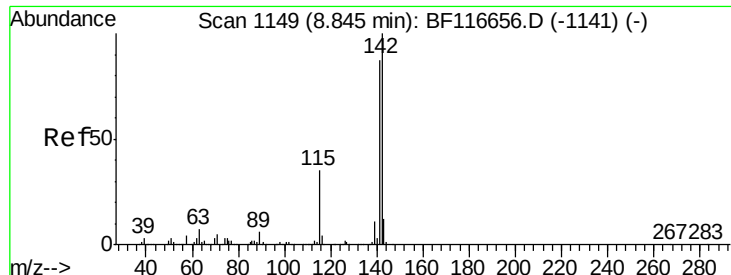
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.386 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		436838		
144	24.8		18.6	27.8	
142	77.3		58.5	87.7	





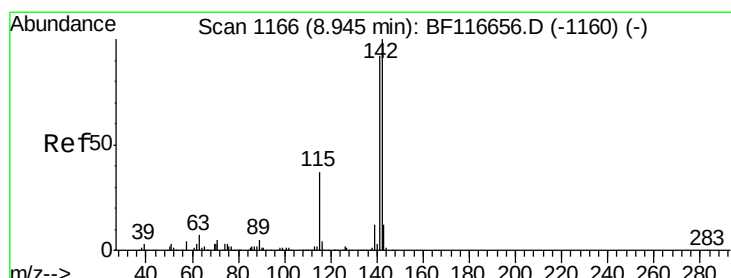
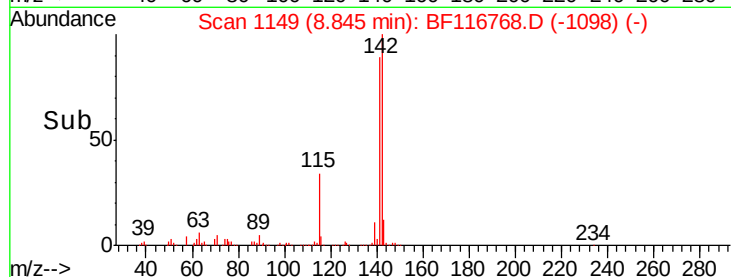
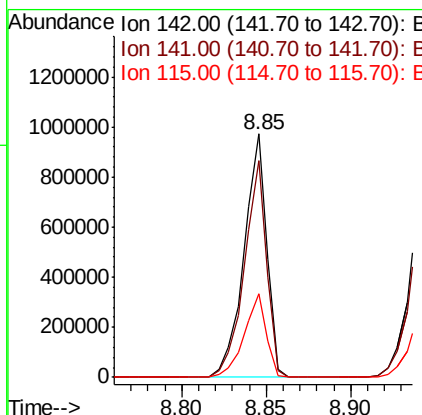
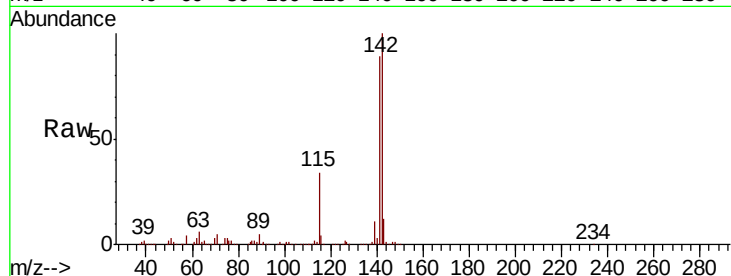
#37
2-Methylnaphthalene
Concen: 44.578 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	109.0
115	34.2	29.8	44.6

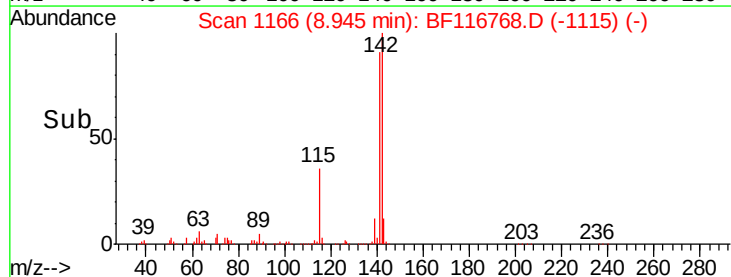
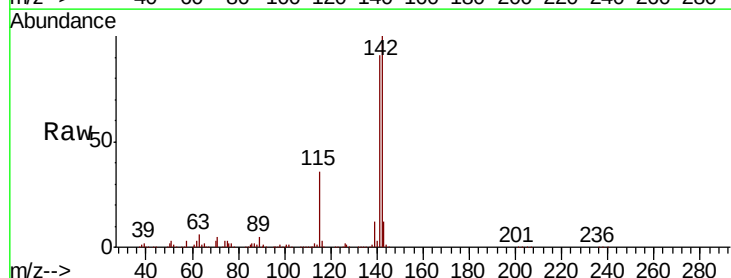
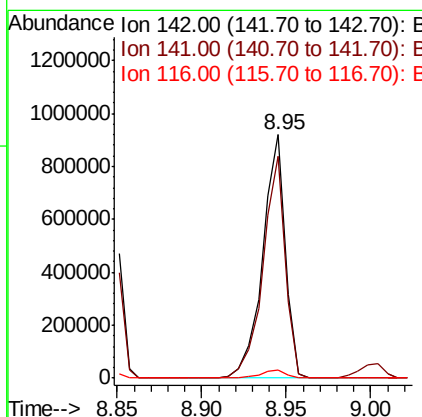
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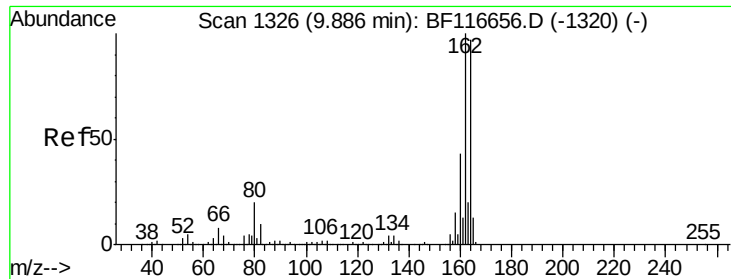
mohammad
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#38
1-Methylnaphthalene
Concen: 43.510 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9
116	3.5	3.0	4.6





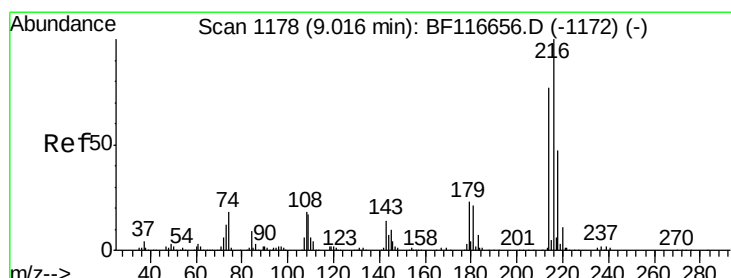
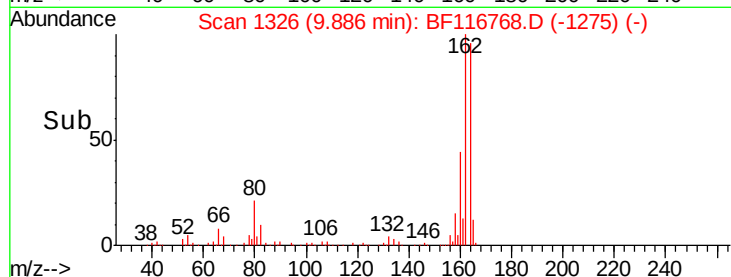
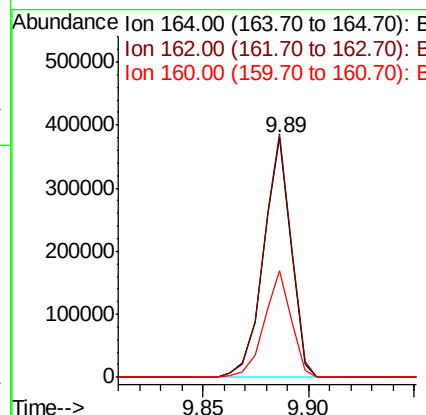
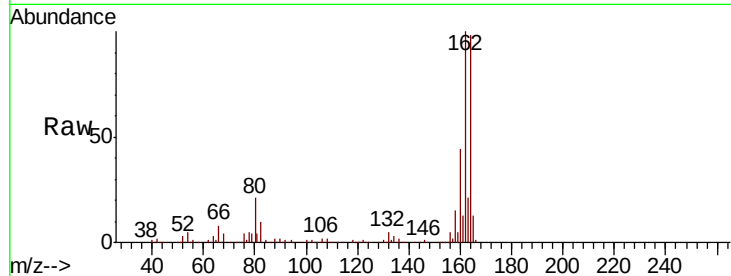
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	44.7	35.4	53.2

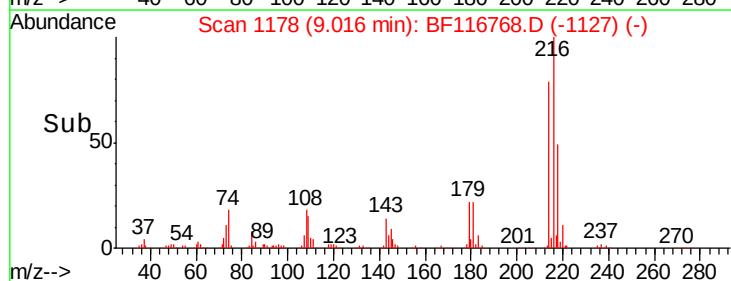
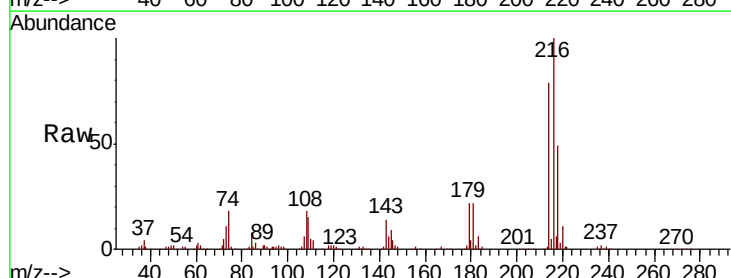
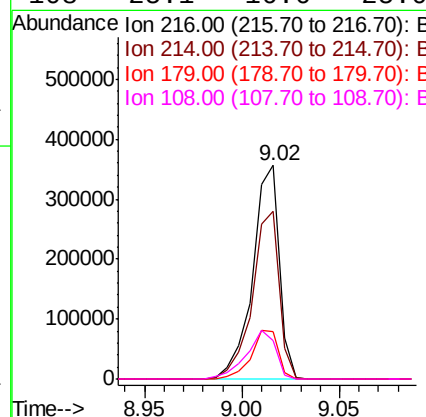
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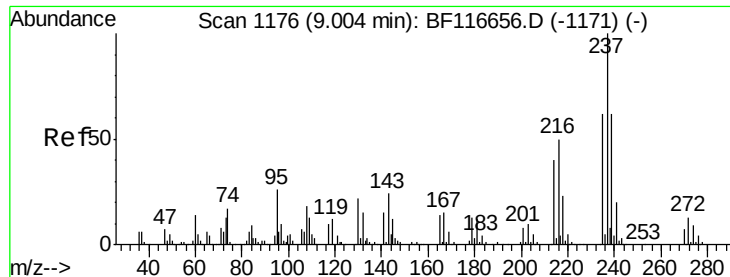
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.954 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.7	94.1
179	23.4	19.3	28.9
108	25.1	16.6	25.0#





#41

Hexachlorocyclopentadiene

Concen: 75.393 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

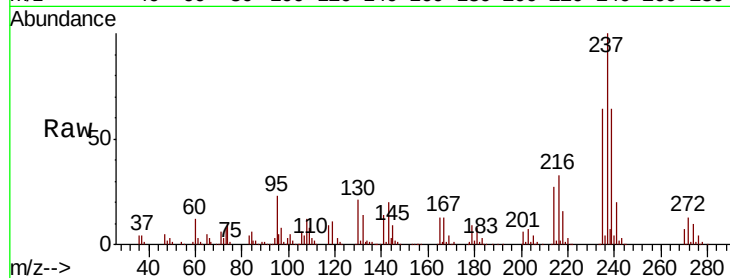
ClientSampleId :

PB122729BS

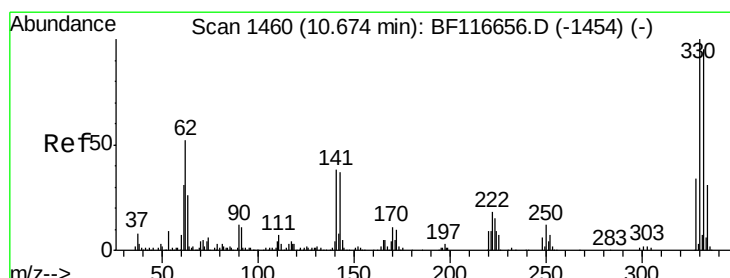
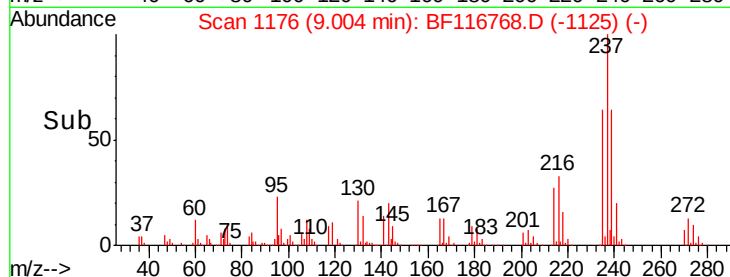
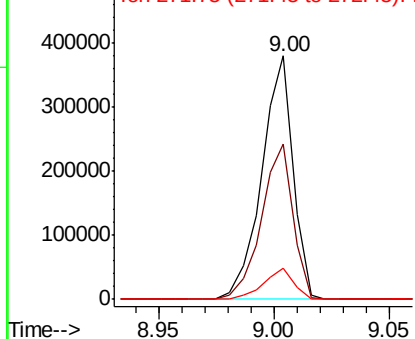
Tot Ion:	237	Resp:	358389
Ion Ratio	Lower	Upper	
237	100		
235	63.8	41.4	81.4
272	12.7	0.0	32.8

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



#42

2,4,6-Tribromophenol

Concen: 125.584 ng

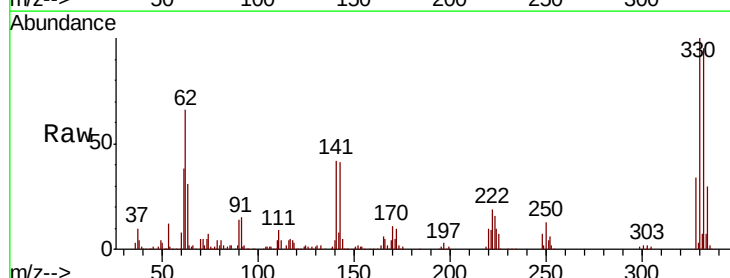
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

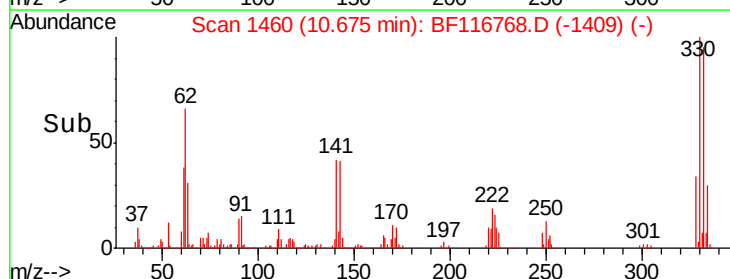
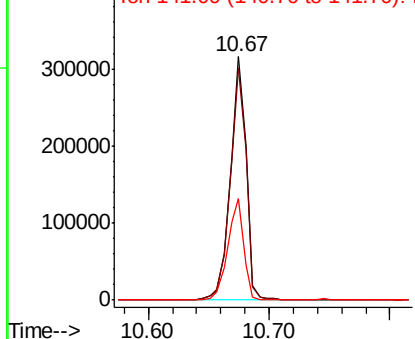
Lab File: BF116768.D

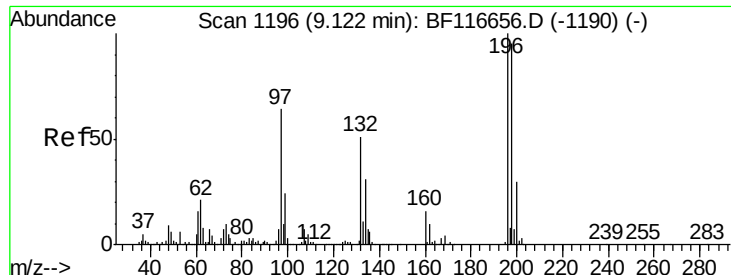
Acq: 3 Sep 2019 13:18

Tgt Ion:	330	Resp:	288300
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.9	115.3
141	42.1	31.4	47.2



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





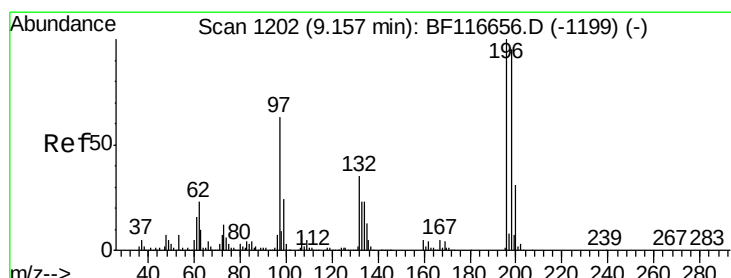
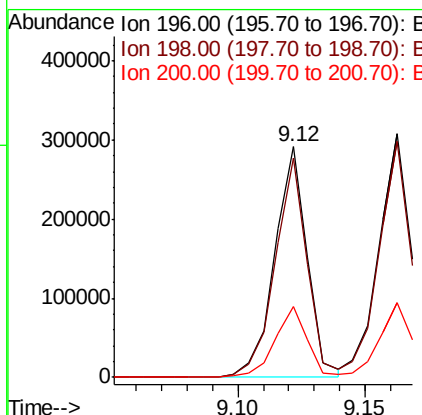
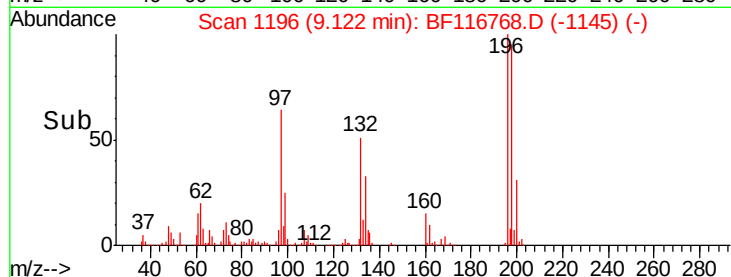
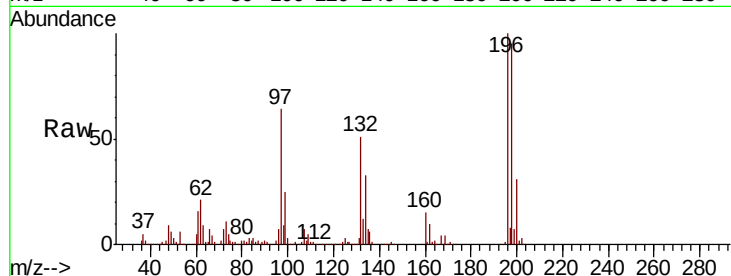
#43
2,4,6-Trichlorophenol
Concen: 46.216 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260790		
198	95.2	79.1	118.7	
200	31.0	24.0	36.0	

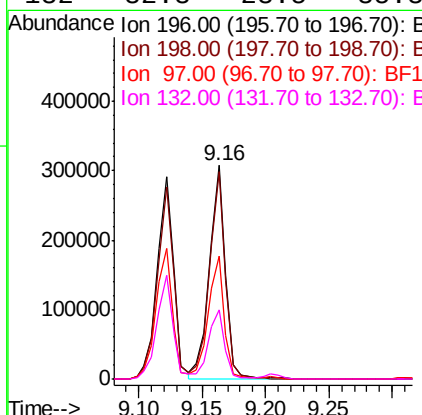
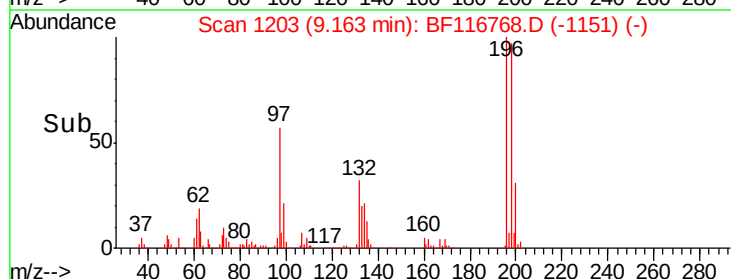
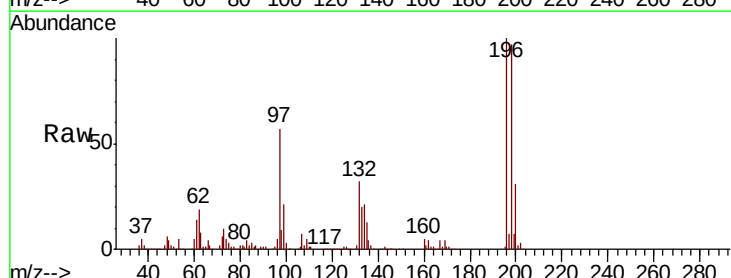
Manual Integrations
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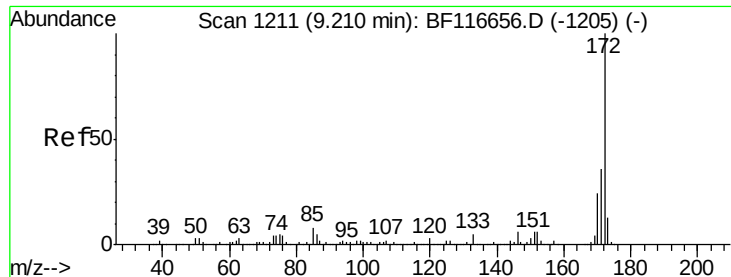
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 47.019 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275451		
198	97.0	78.1	117.1	
97	57.3	41.6	62.4	
132	32.3	23.5	35.3	





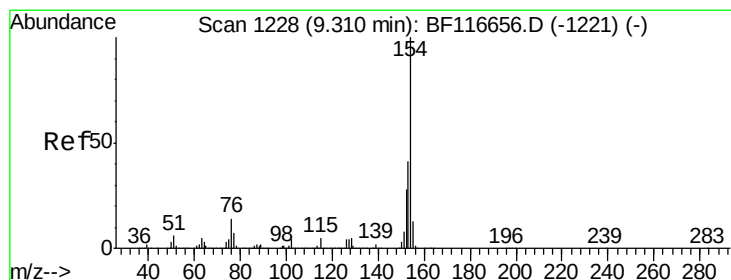
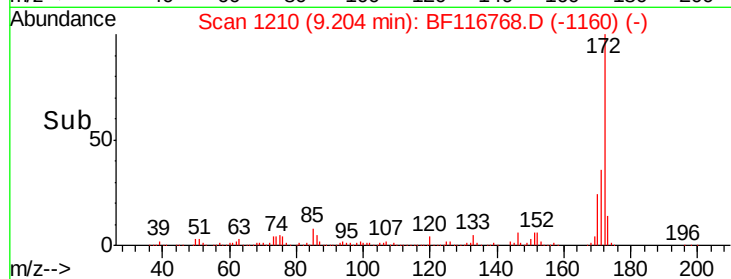
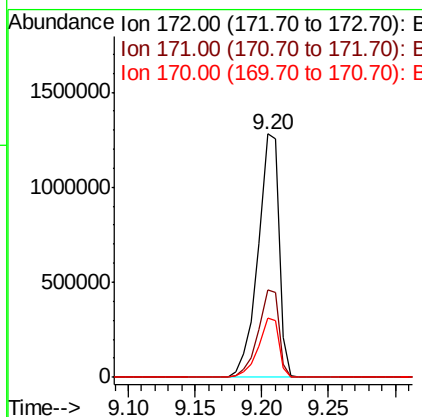
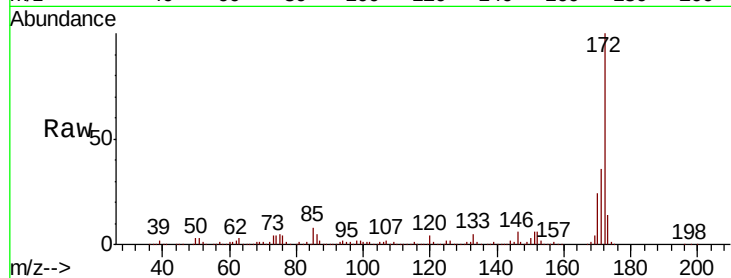
#45
2-Fluorobiphenyl
Concen: 67.567 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.1	18.9	28.3

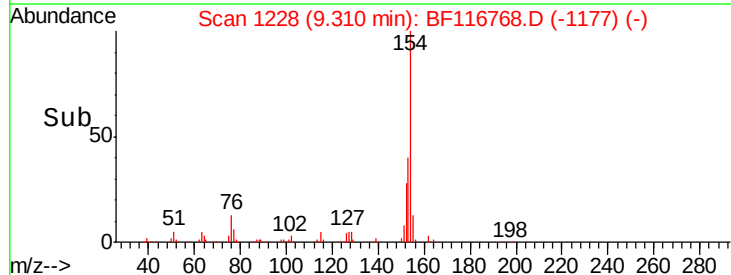
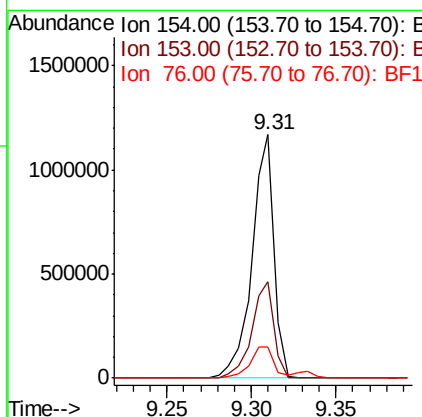
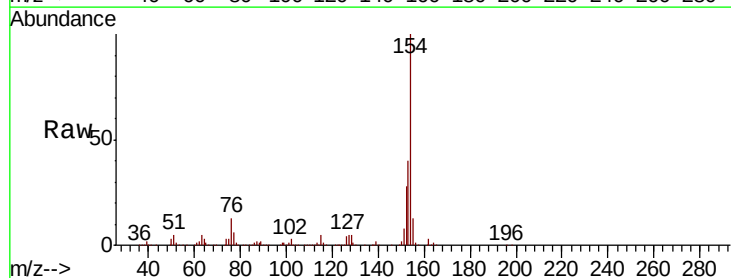
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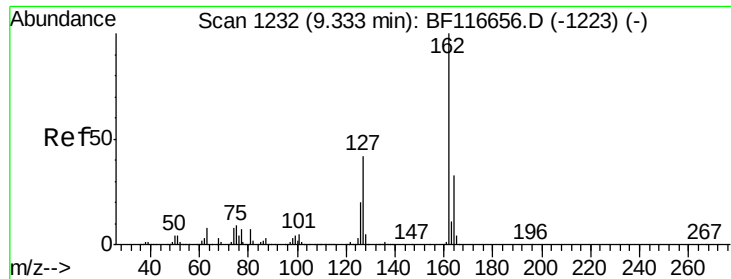
mohammad
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#46
1,1'-Biphenyl
Concen: 40.741 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	12.7	0.0	30.9





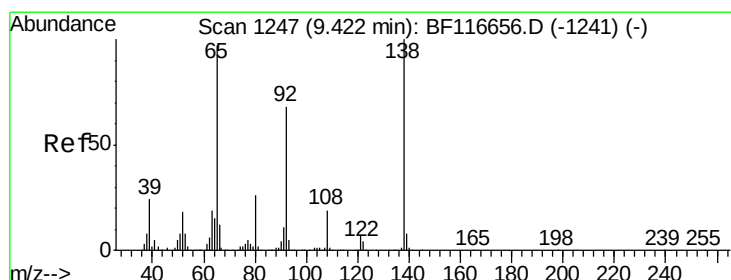
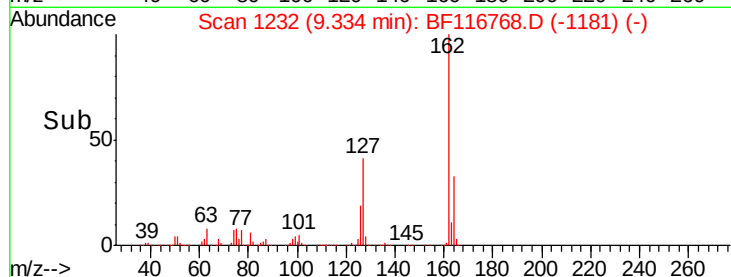
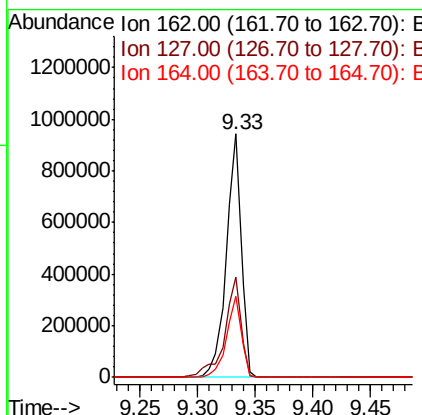
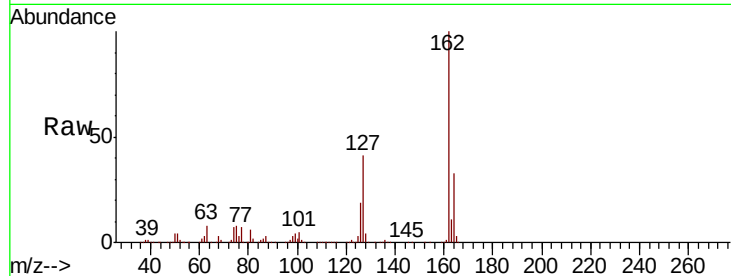
#47
2-Chloronaphthalene
Concen: 40.893 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	33.4	26.6	39.8

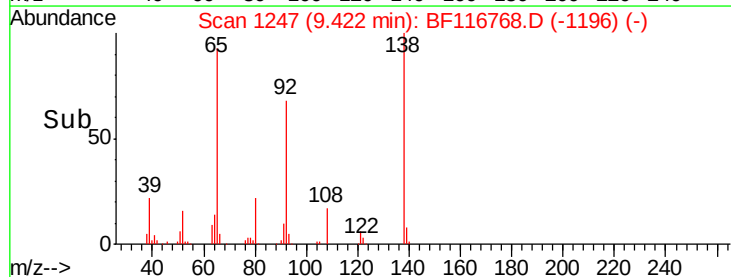
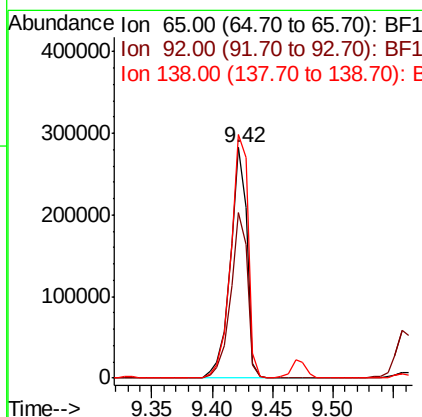
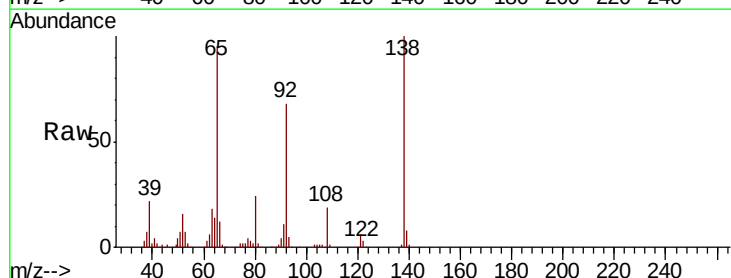
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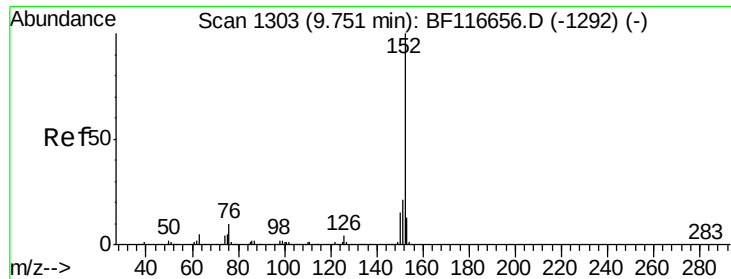
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#48
2-Nitroaniline
Concen: 45.372 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.1	85.7
138	105.7	88.2	132.2





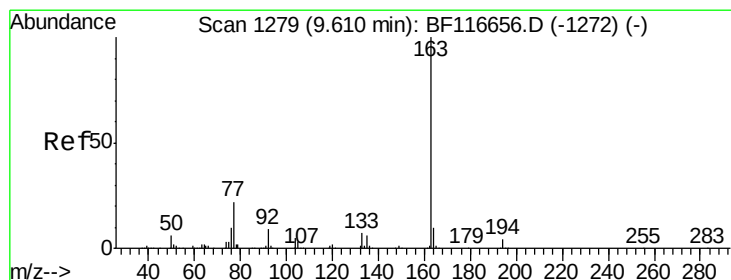
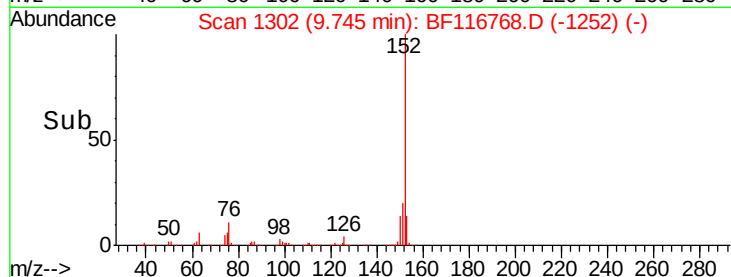
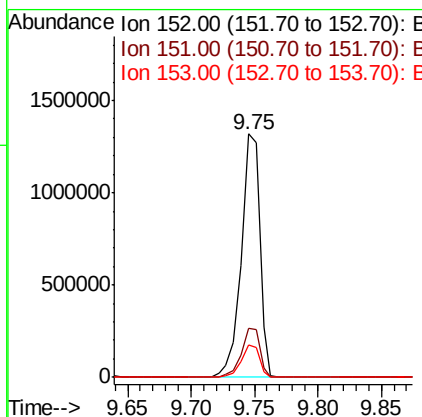
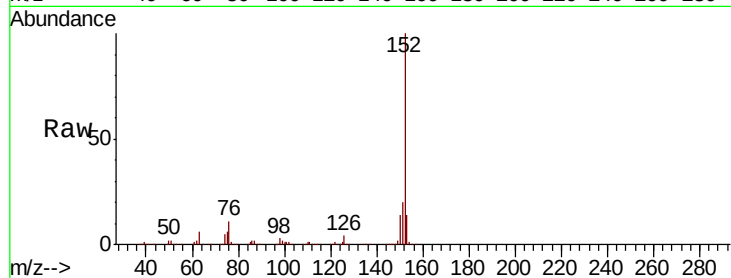
#49
Acenaphthylene
Concen: 42.506 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.5	10.9	16.3

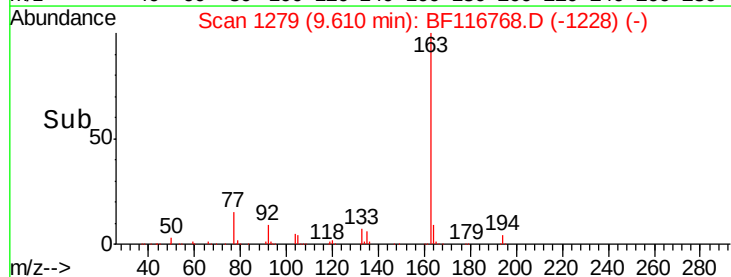
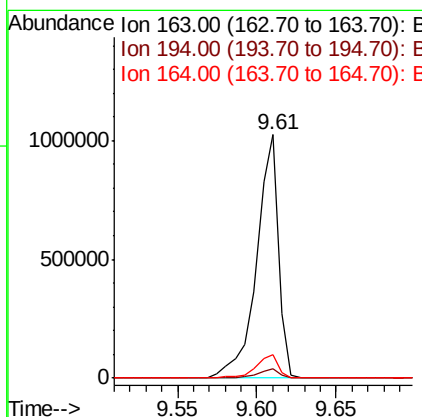
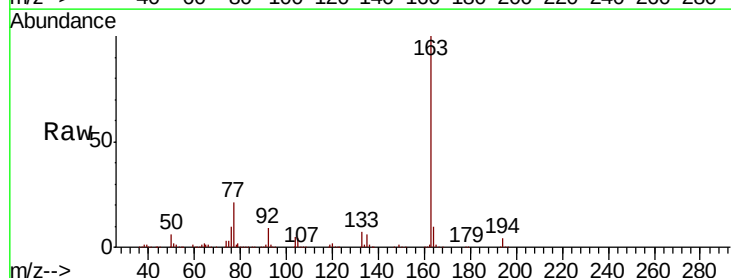
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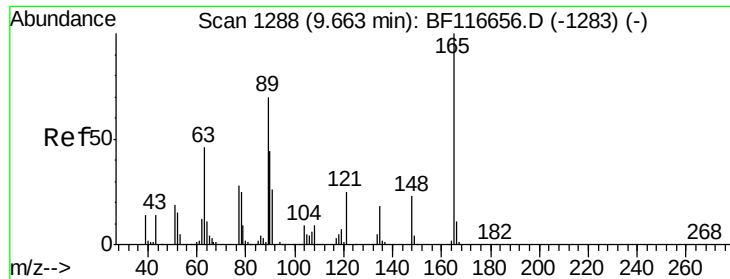
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#50
Dimethylphthalate
Concen: 41.557 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.7	8.6	12.8





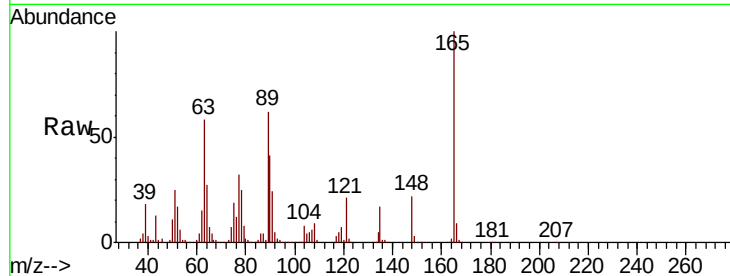
#51
2,6-Dinitrotoluene
Concen: 49.762 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

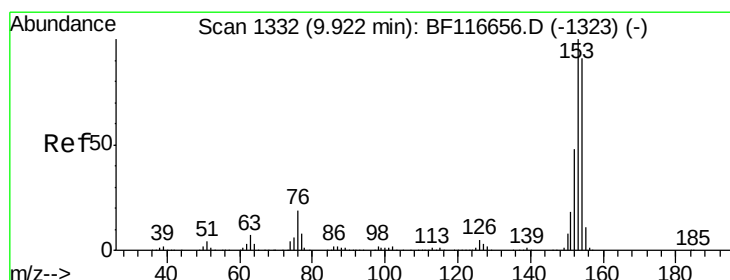
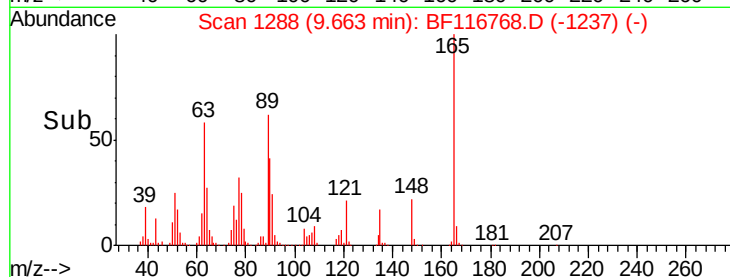
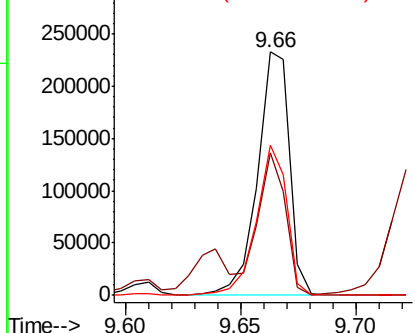
Tot Ion	165	Resp	225091
Ion Ratio	Lower	Upper	
165	100		
63	58.3	47.3	70.9
89	61.9	52.5	78.7

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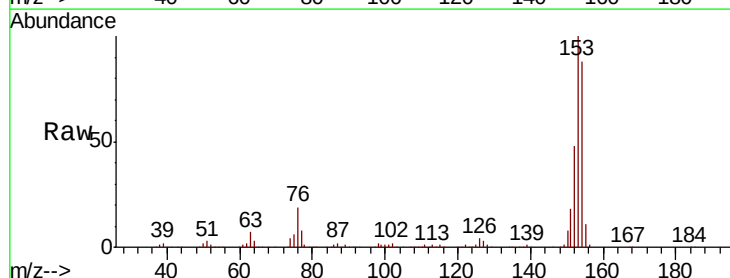


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

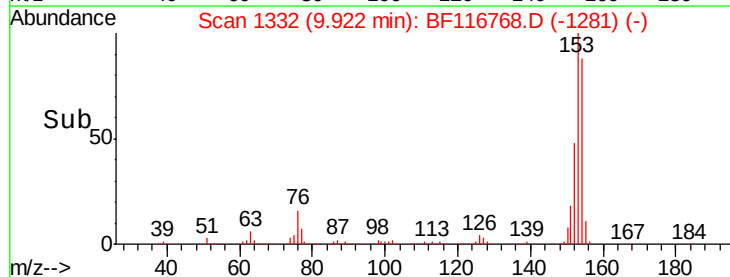
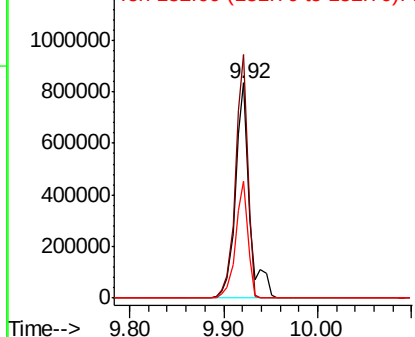


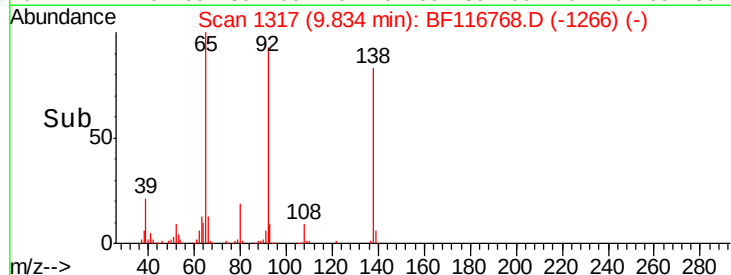
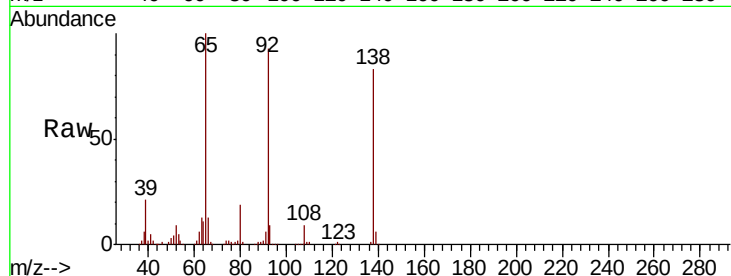
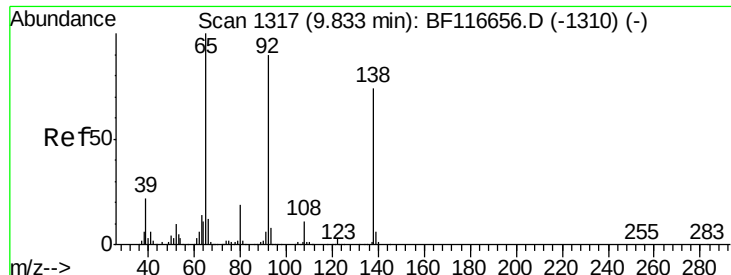
#52
Acenaphthene
Concen: 44.913 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	154	Resp	860928
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.5	134.3
152	54.5	41.9	62.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





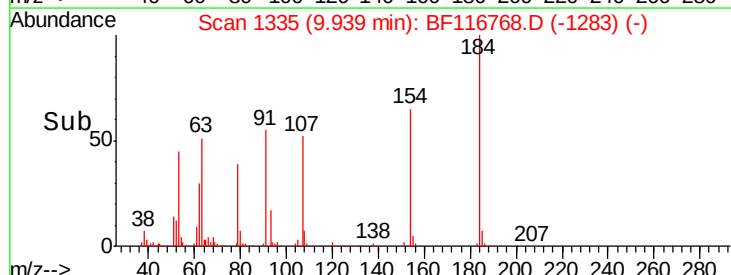
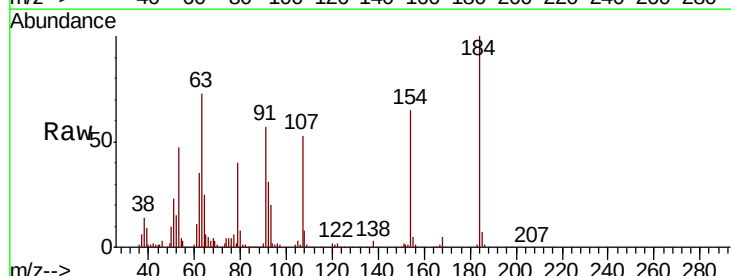
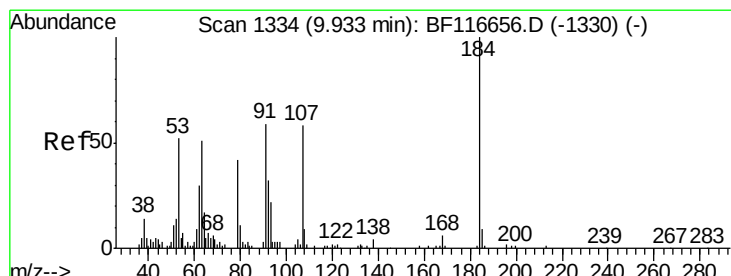
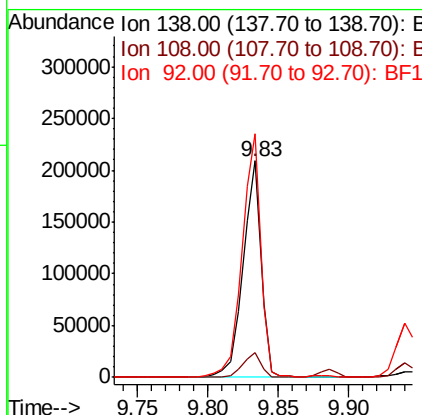
#53
3-Nitroaniline
Concen: 33.094 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tot Ion	Ratio	Resp	Lower	Upper
138	100	187598		
108	11.3	8.5	12.7	
92	112.4	87.2	130.8	

Instrument :
BNA_F
ClientSampleId :
PB122729BS

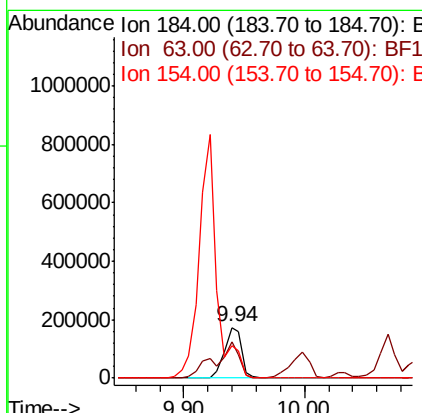
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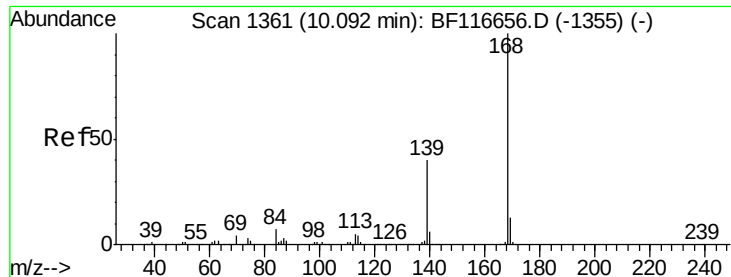
mohammad
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#54
2,4-Dinitrophenol
Concen: 103.360 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	170669		
63	72.7	52.2	78.2	
154	65.4	60.8	91.2	





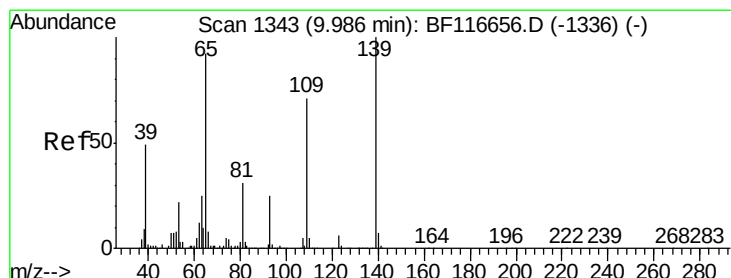
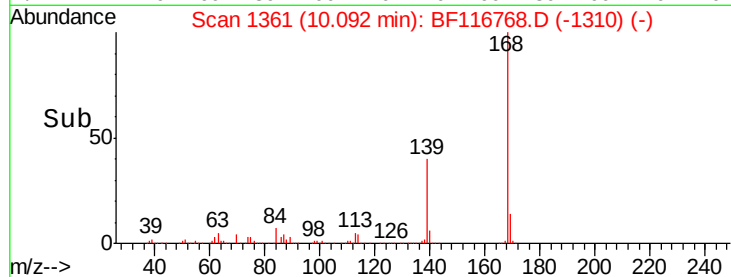
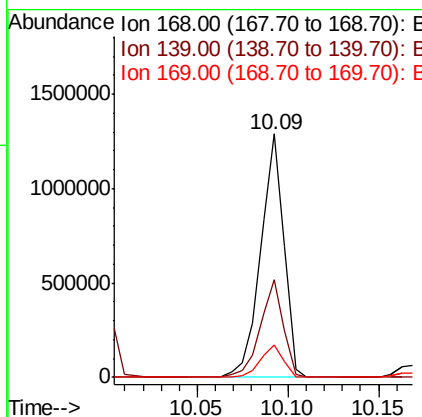
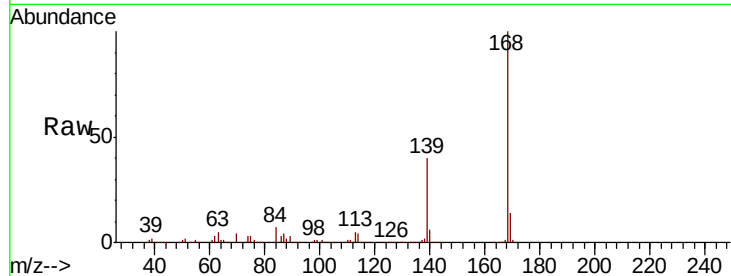
#55
Dibenzofuran
Concen: 42.602 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.5	47.3
169	13.5	10.3	15.5

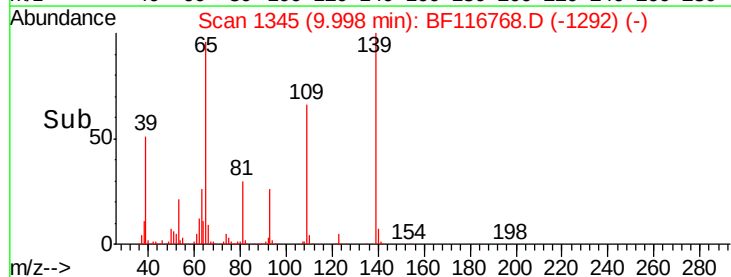
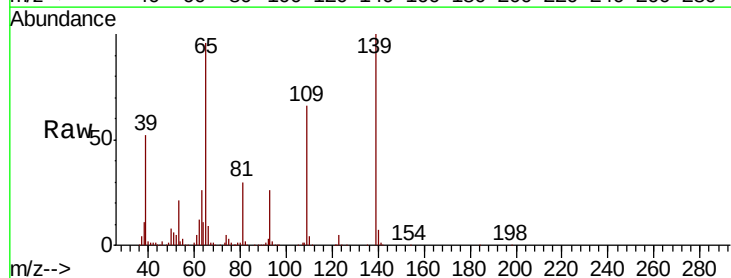
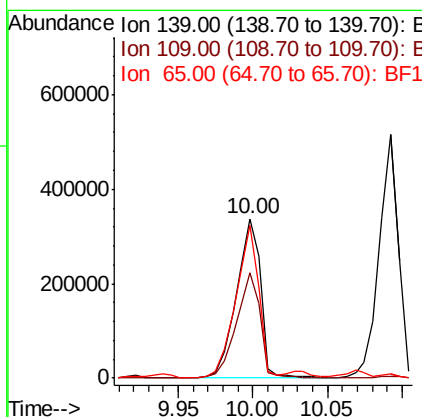
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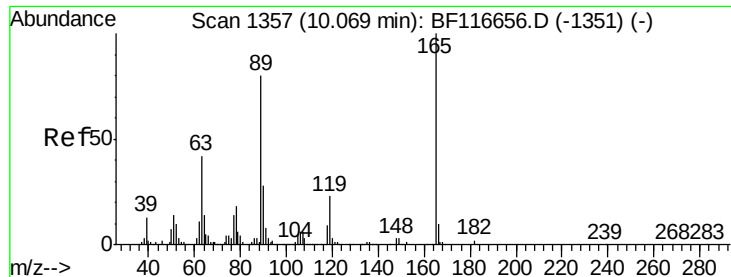
mohammad
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#56
4-Nitrophenol
Concen: 98.462 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.0	61.7	101.7
65	95.7	89.1	129.1





#57

2,4-Dinitrotoluene

Concen: 54.892 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

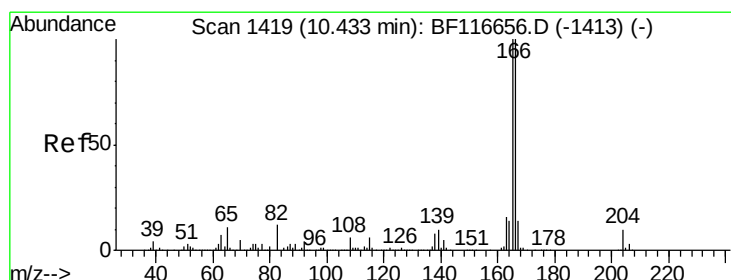
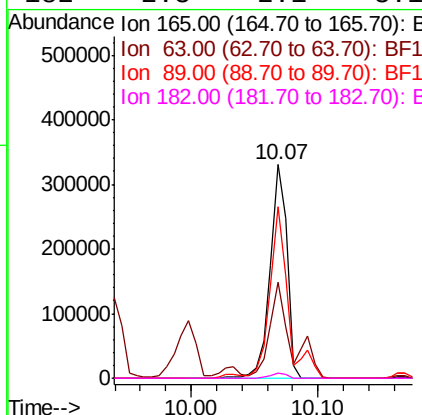
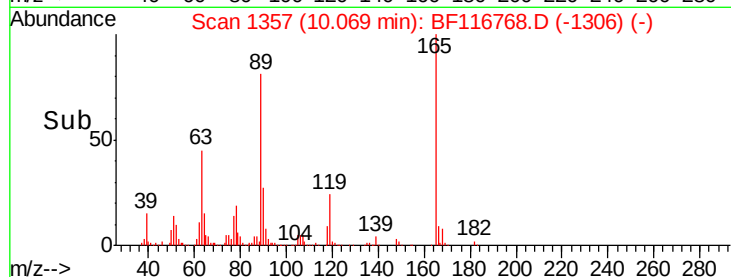
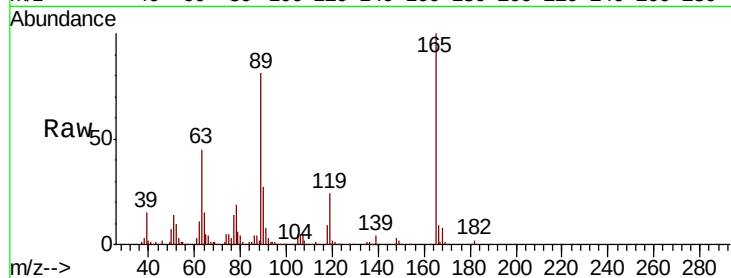
ClientSampleId :

PB122729BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	303600		
63	44.9	36.4	54.6	
89	80.5	62.6	94.0	
182	2.3	2.1	3.1	

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#58

Fluorene

Concen: 42.916 ng

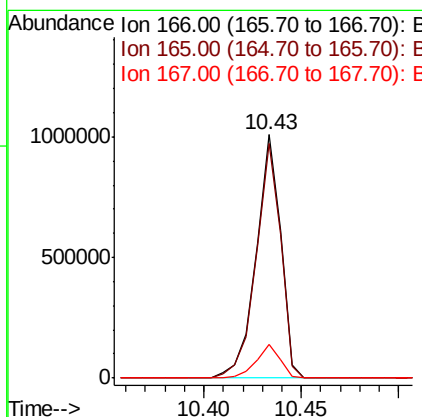
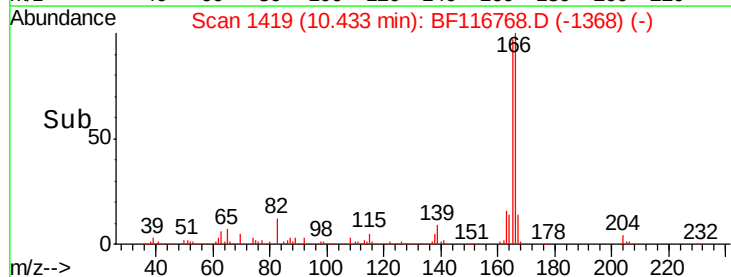
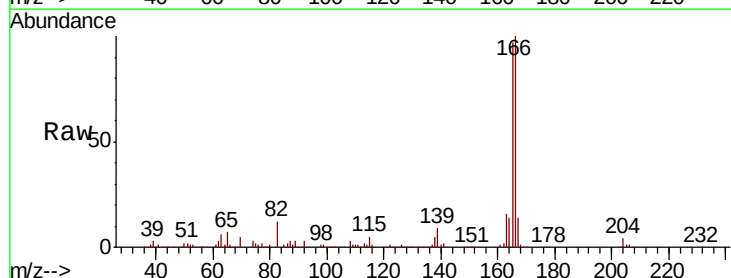
RT: 10.43 min Scan# 1419

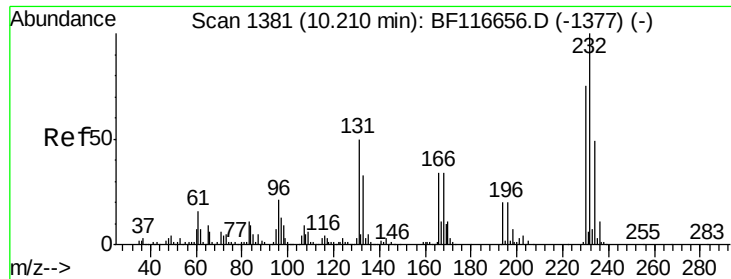
Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	883647		
165	96.5	78.8	118.2	
167	13.7	10.0	15.0	





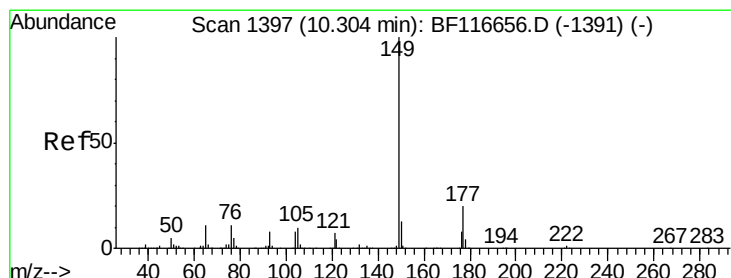
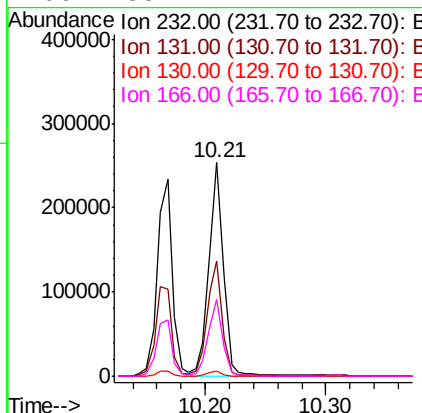
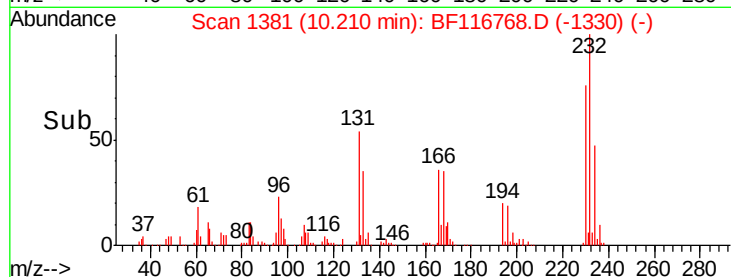
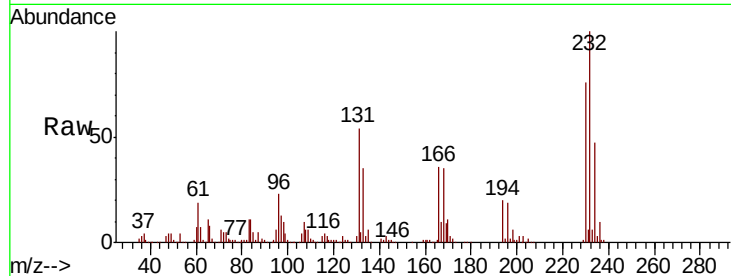
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.293 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122729BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	212640		
131	54.6	42.7	64.1	
130	2.6	1.9	2.9	
166	35.4	27.4	41.2	

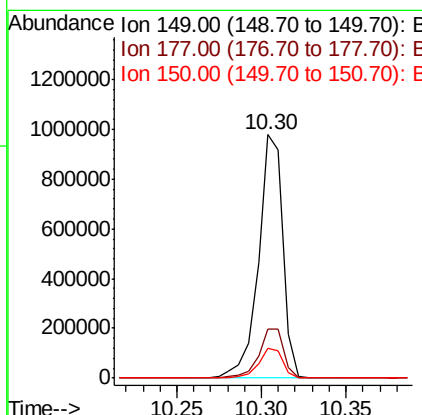
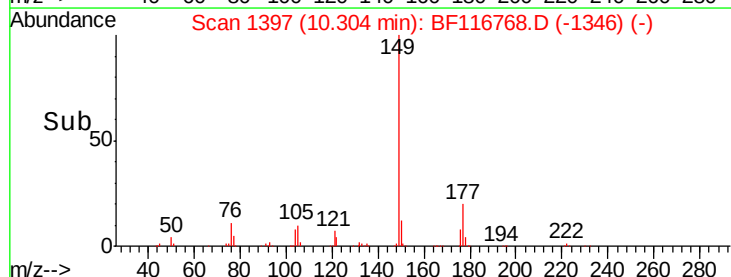
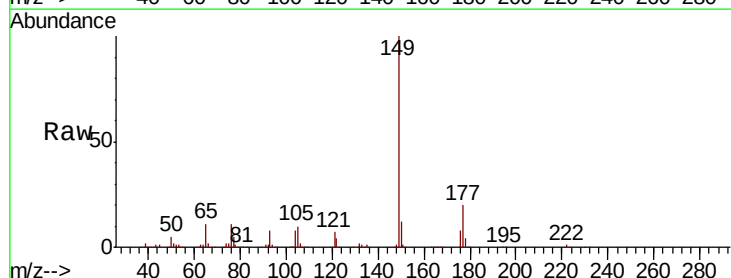
Manual Integrations
 APPROVED

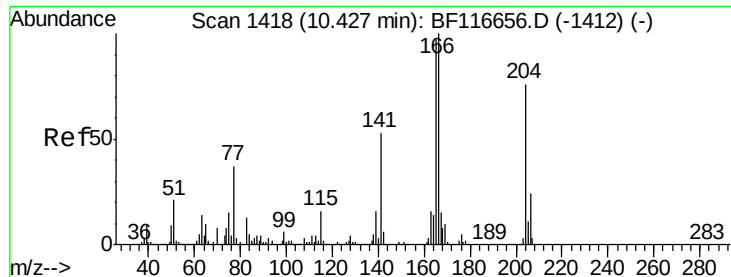
mohammad
 9/6/2019 8:18:04 AM



#60
 Diethylphthalate
 Concen: 41.260 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	979857		
177	20.3	17.2	25.8	
150	12.3	9.7	14.5	





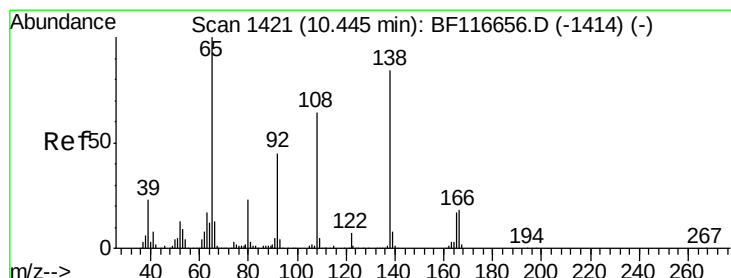
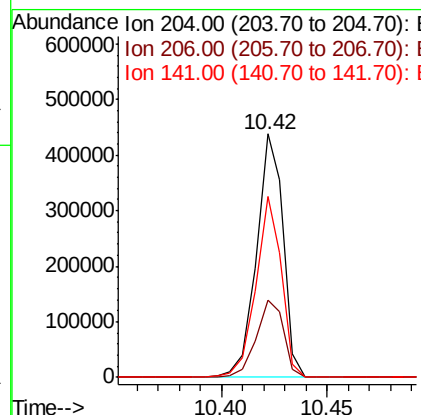
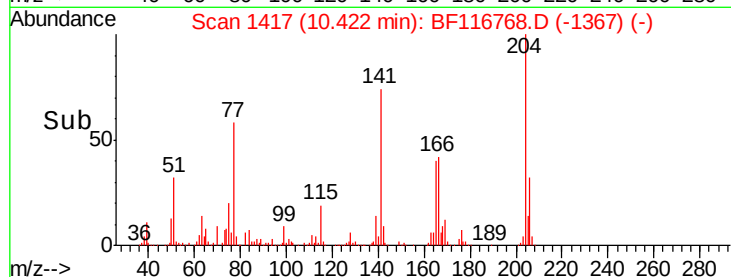
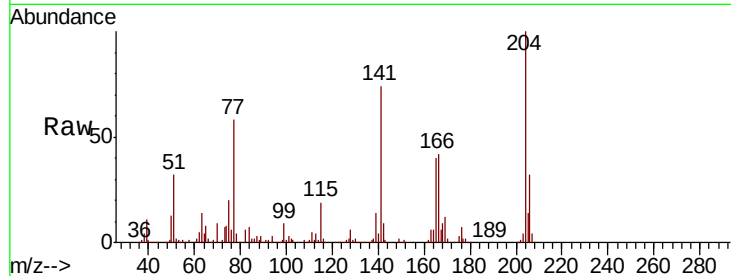
#61
4-Chlorophenyl-phenylether
Concen: 42.472 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampled :
PB122729BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	25.4	38.2
141	74.3	53.8	80.8

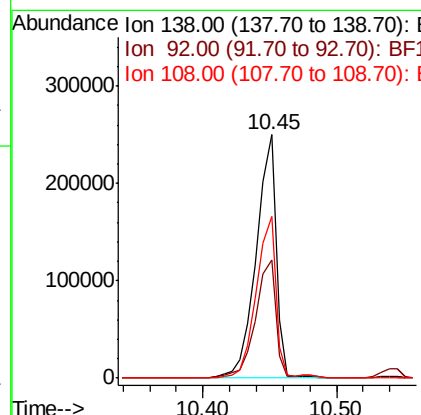
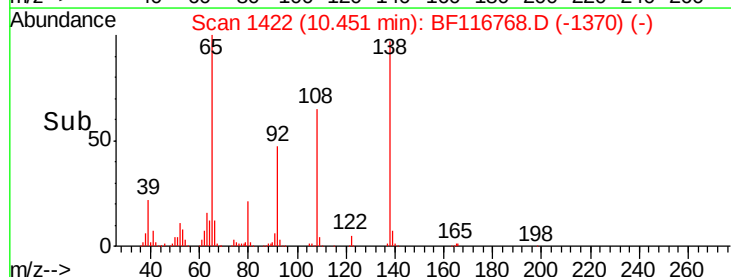
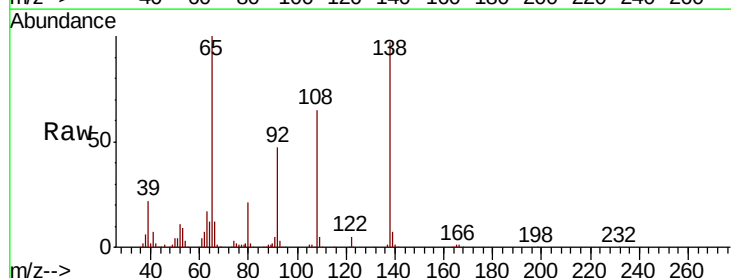
Manual Integrations
APPROVED

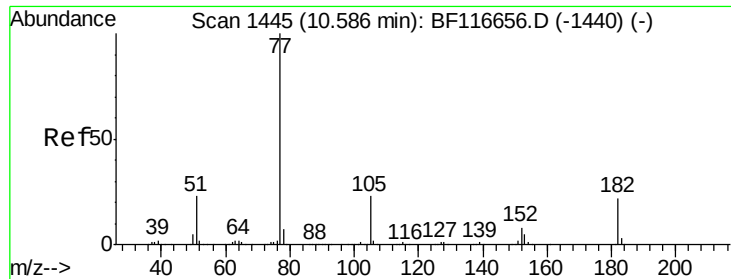
mohammad
9/6/2019 8:18:04 AM



#62
4-Nitroaniline
Concen: 46.452 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	28.7	68.7
108	66.5	60.4	100.4





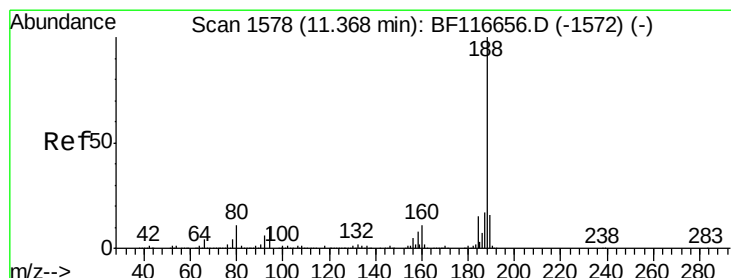
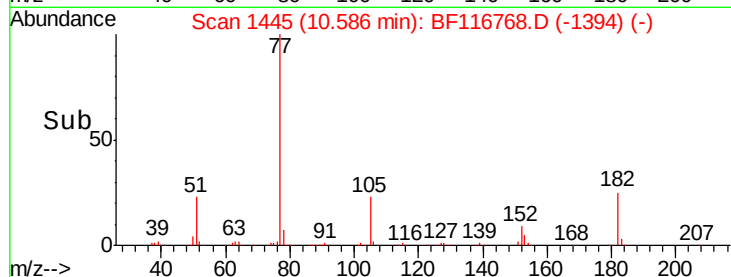
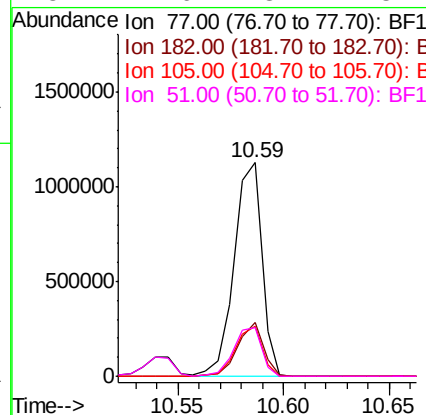
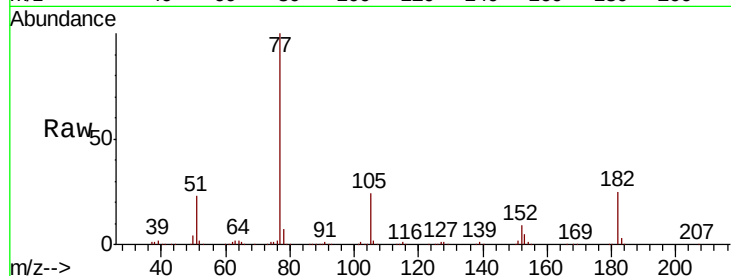
#63
Azobenzene
Concen: 41.236 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.9	1.2	41.2	
105	23.6	0.6	40.6	
51	22.6	8.2	48.2	

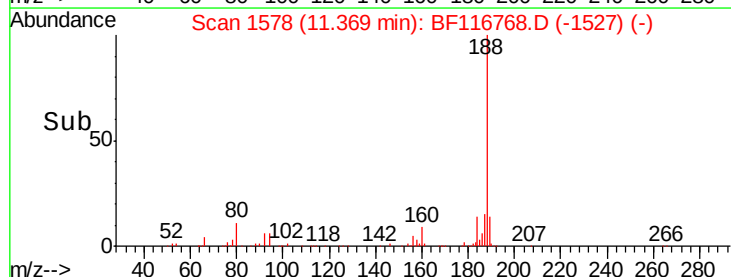
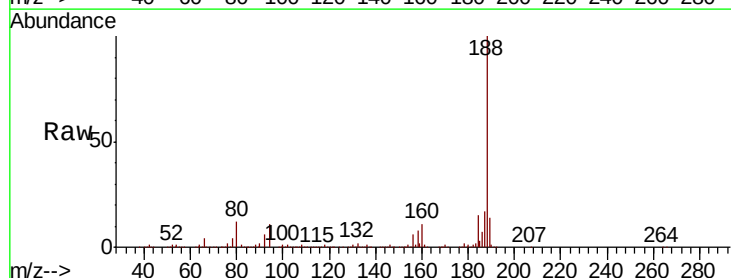
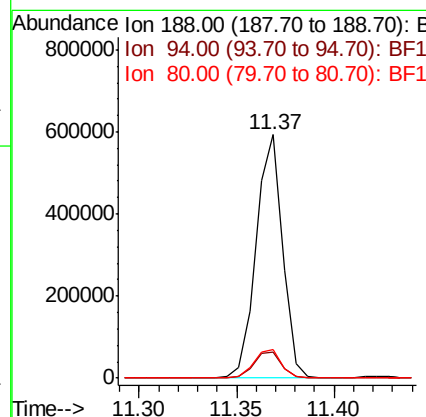
Manual Integrations
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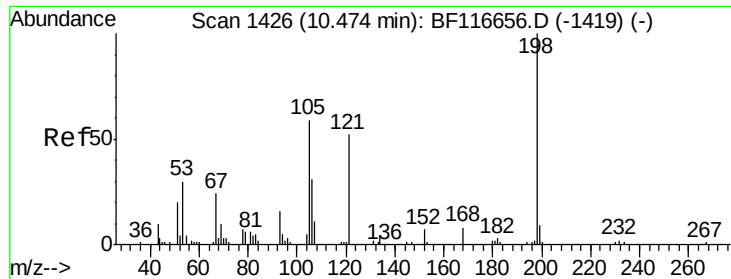
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	7.3	10.9	
80	11.8	8.4	12.6	





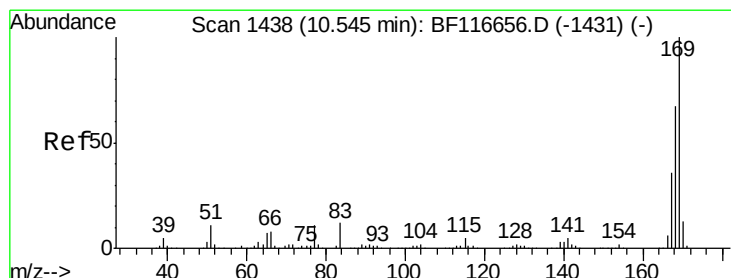
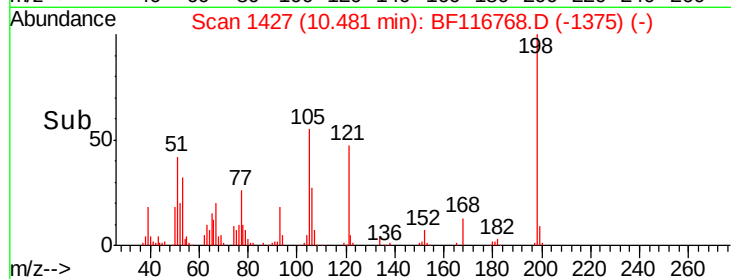
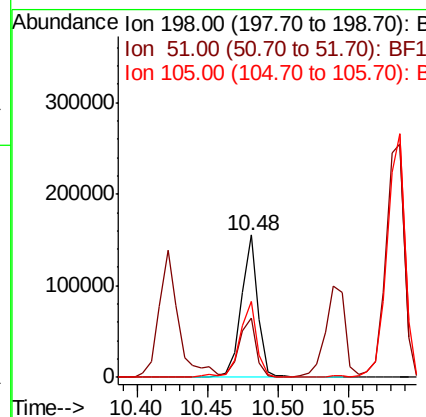
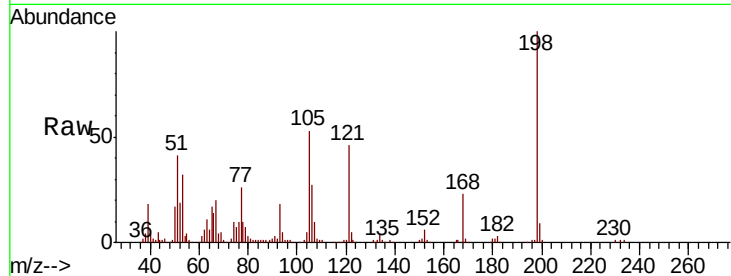
#65
4,6-Dinitro-2-methylphenol
Concen: 59.428 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125891		
51	41.3	18.4	58.4	
105	53.3	22.9	62.9	

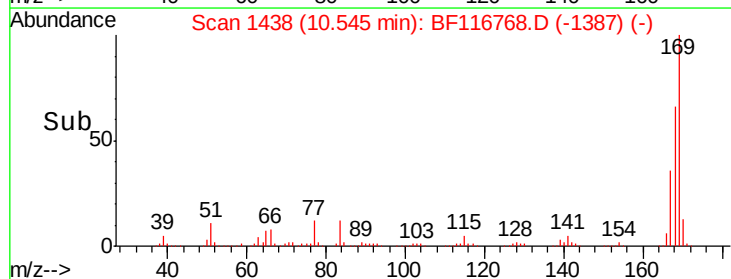
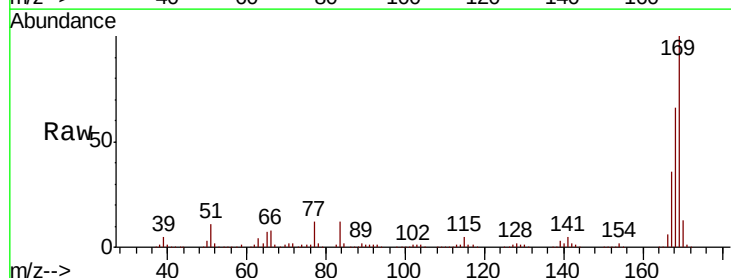
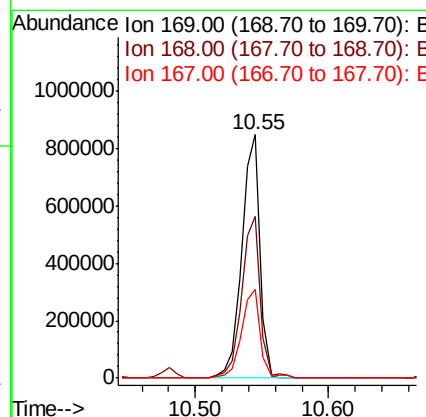
Manual Integrations
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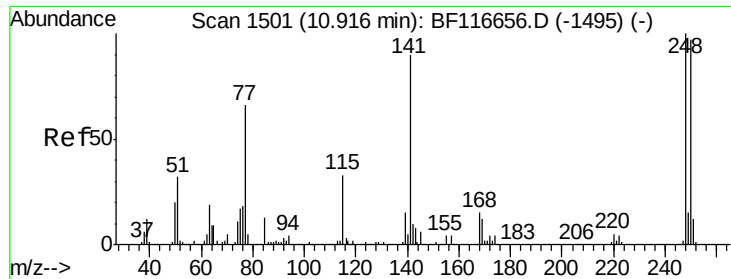
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.081 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	808738		
168	66.4	55.8	83.6	
167	36.2	29.4	44.2	





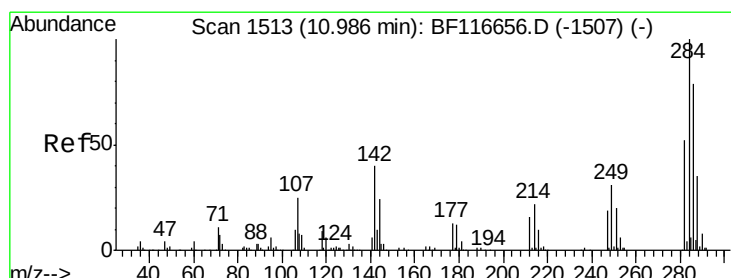
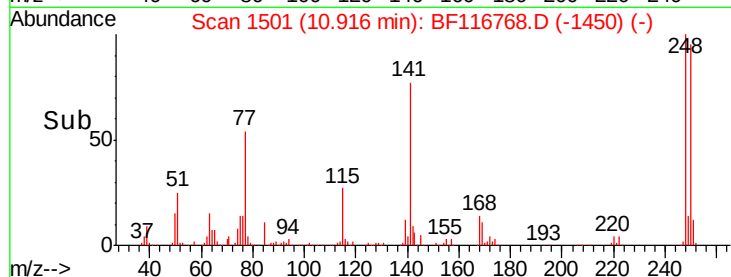
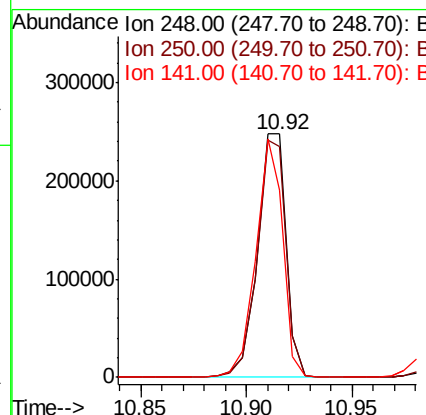
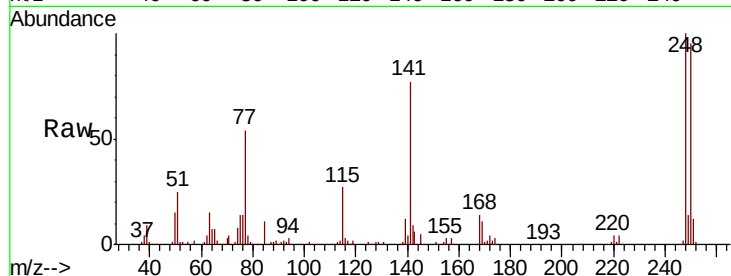
#67
 4-Bromophenyl-phenylether
 Concen: 41.674 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122729BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.8	116.8
141	76.9	75.9	113.9

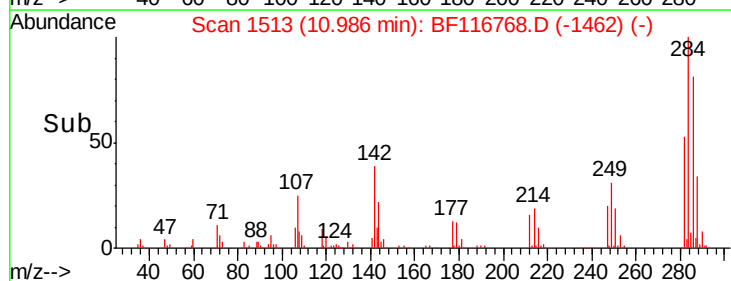
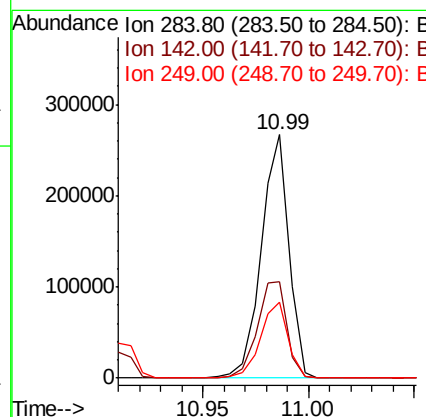
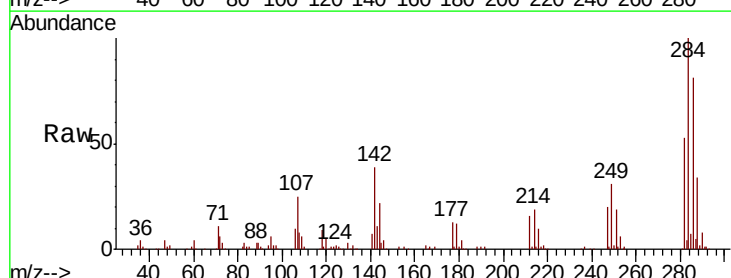
Manual Integrations
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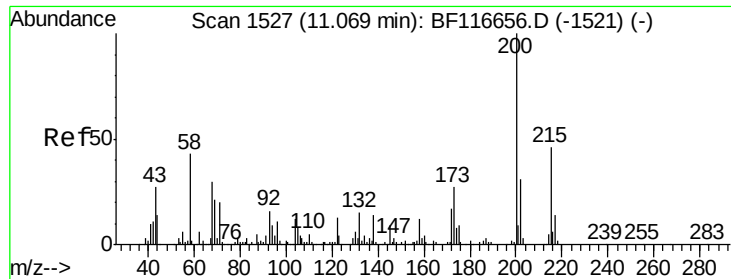
mohammad
 9/6/2019 8:18:04 AM



#68
 Hexachlorobenzene
 Concen: 41.163 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.5	34.0	51.0
249	31.1	26.4	39.6





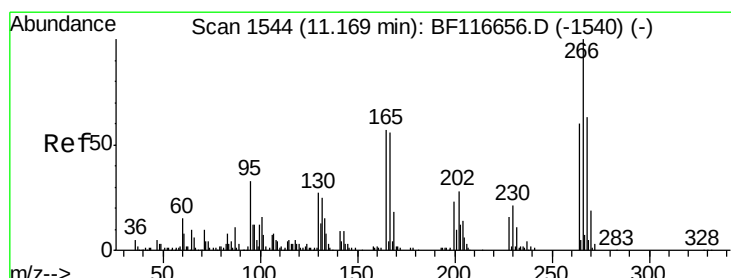
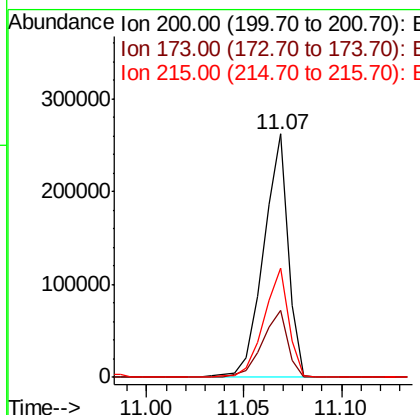
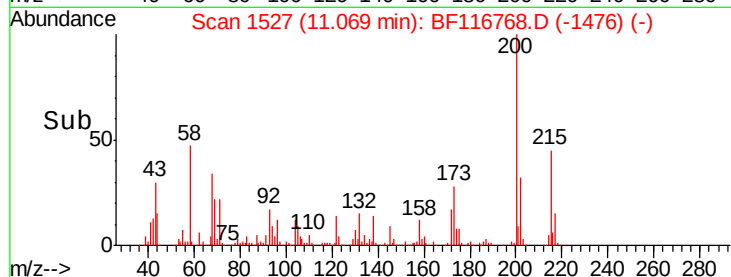
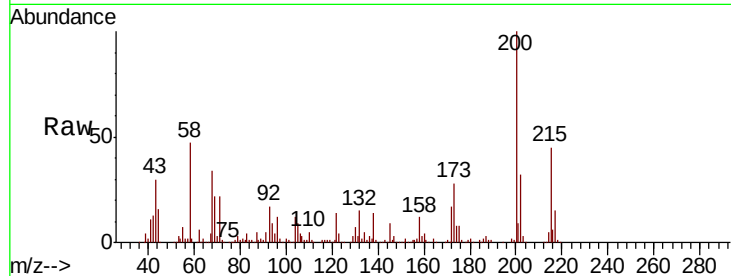
#69
Atrazine
Concen: 42.558 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	6.2	46.2
215	44.8	24.3	64.3

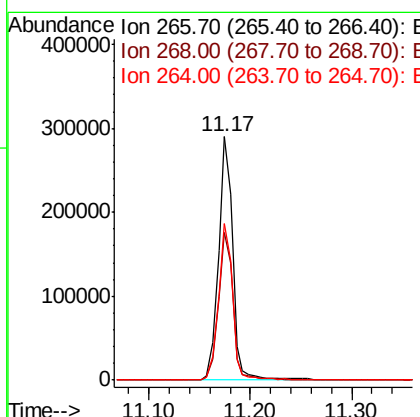
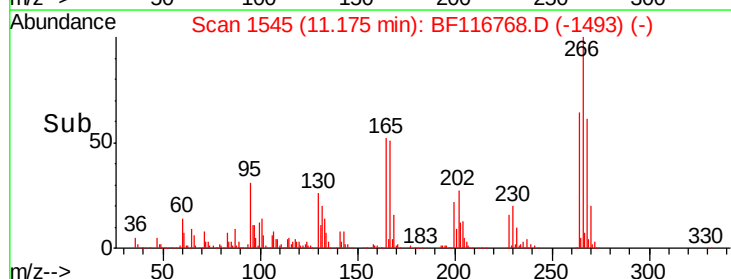
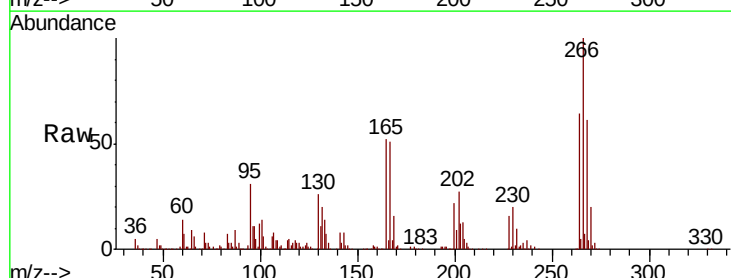
Manual Integrations
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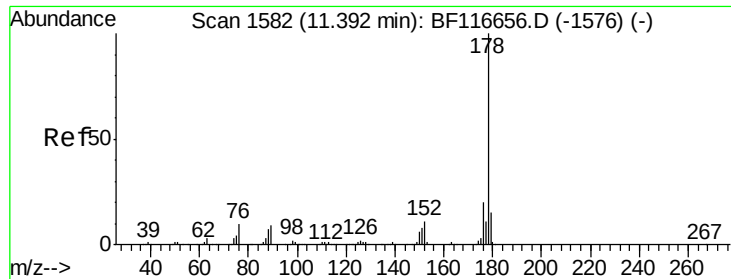
mohammad
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#70
Pentachlorophenol
Concen: 99.445 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	60.8	51.2	76.8
264	64.2	51.9	77.9





#71

Phenanthrene

Concen: 41.365 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

PB122729BS

Tot Ion:178 Resp: 1279265

Ion Ratio Lower Upper

178 100

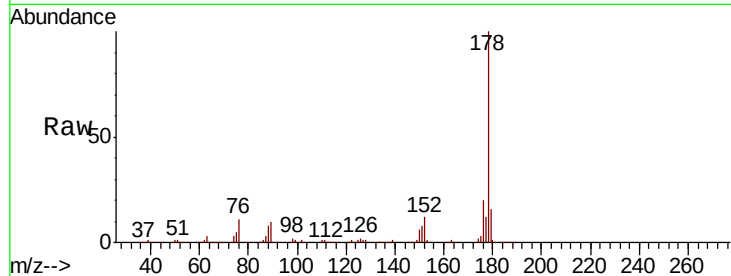
176 20.1 15.4 23.0

179 16.0 12.2 18.2

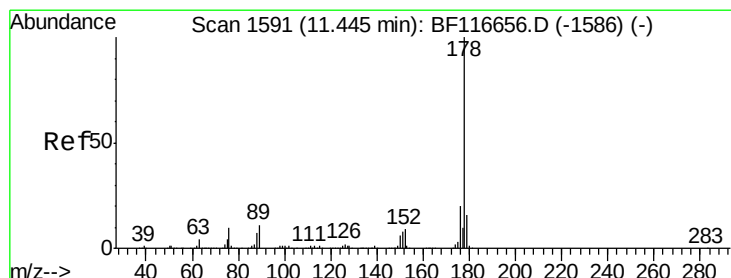
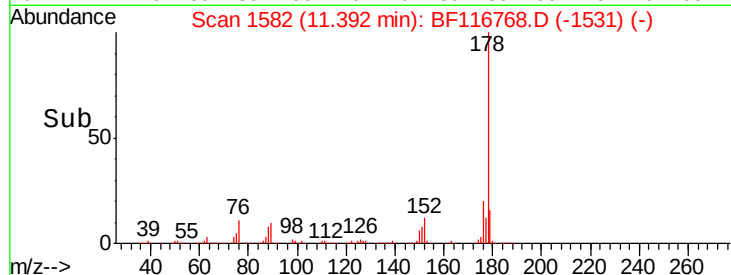
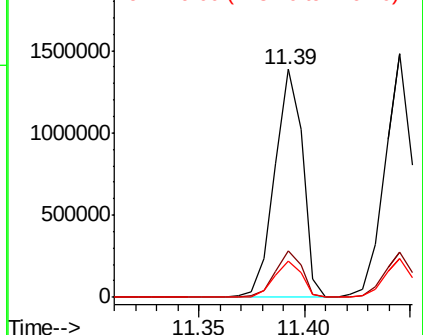
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.844 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion:178 Resp: 1302654

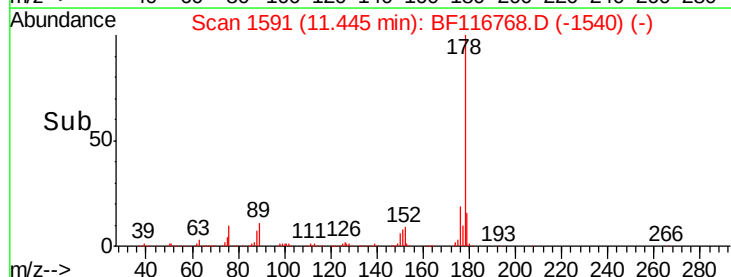
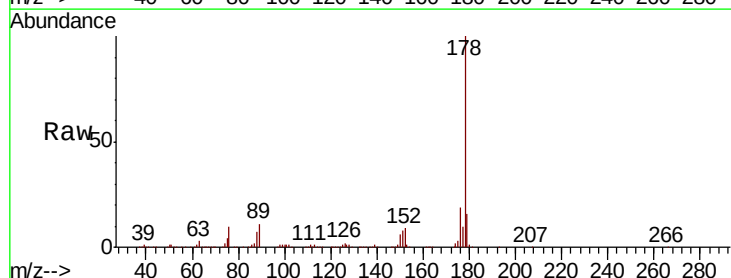
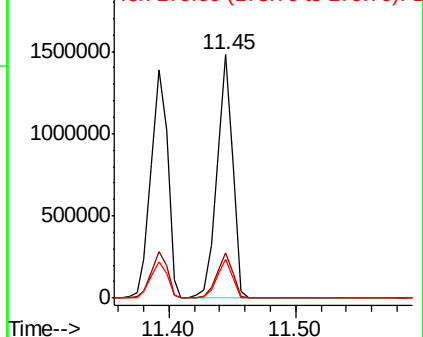
Ion Ratio Lower Upper

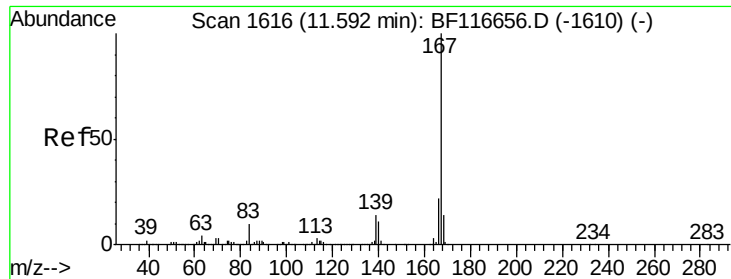
178 100

176 18.8 15.4 23.0

179 16.0 12.5 18.7

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





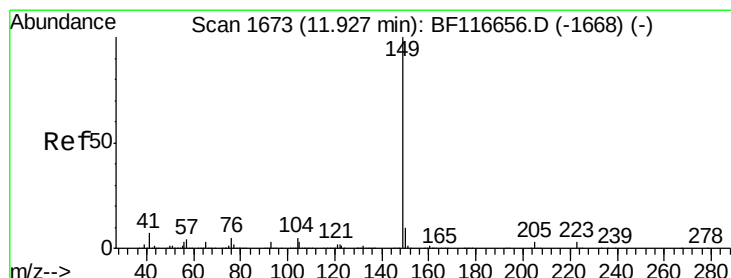
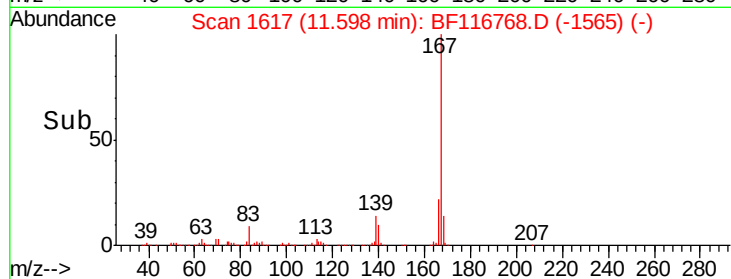
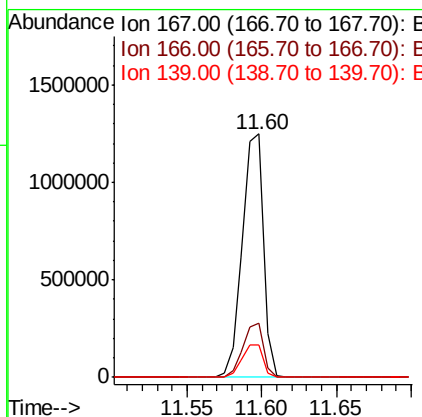
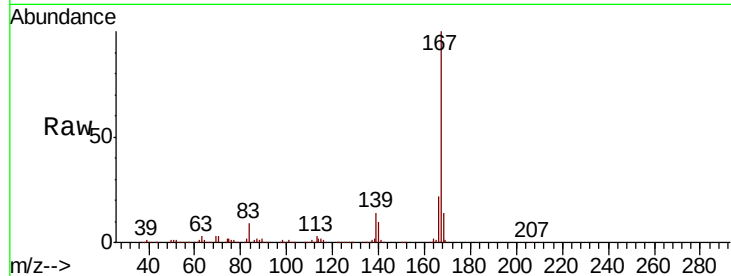
#73
 Carbazole
 Concen: 41.675 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122729BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.5	11.1	16.7

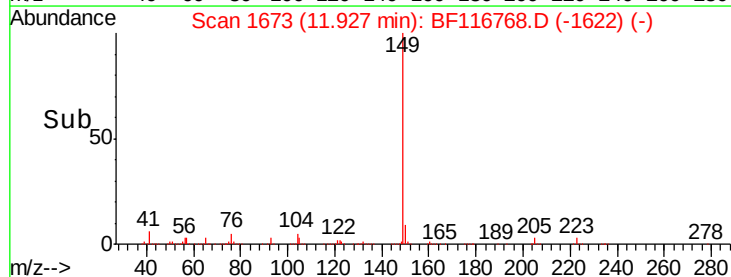
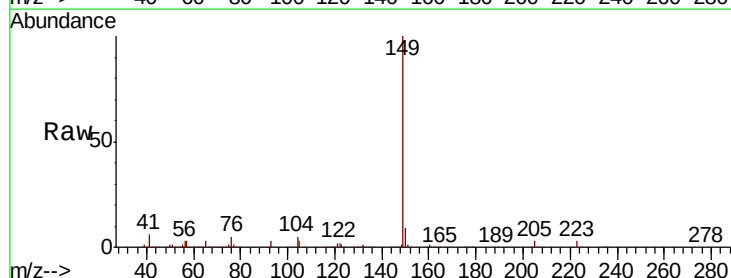
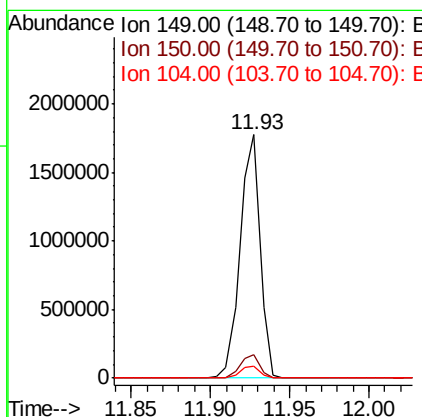
Manual Integrations
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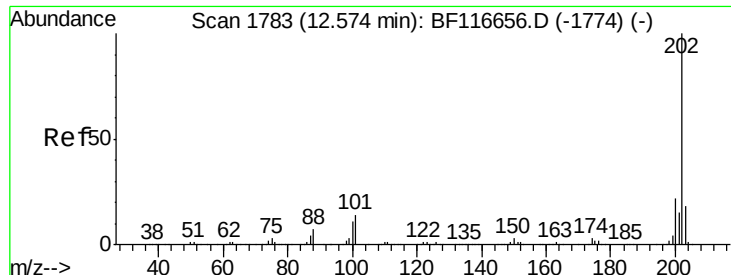
mohammad
 9/6/2019 8:18:04 AM



#74
 Di-n-butylphthalate
 Concen: 40.763 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	4.8	4.2	6.2





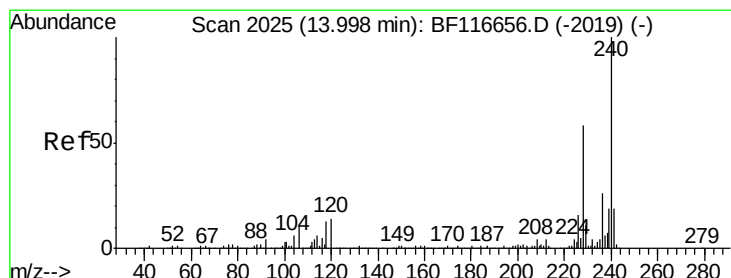
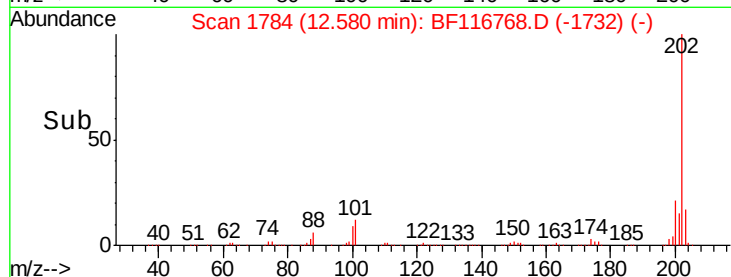
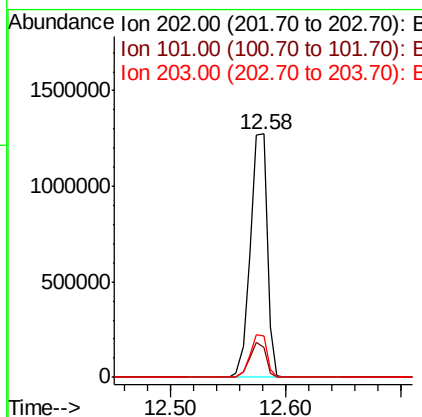
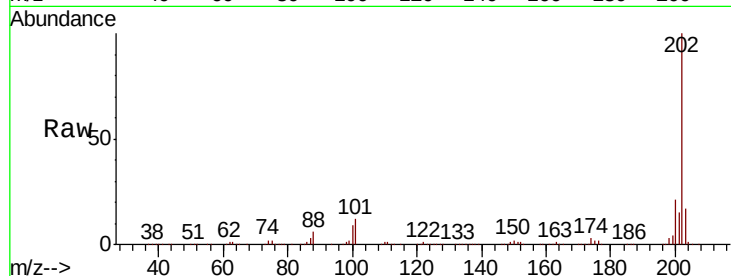
#75
Fluoranthene
Concen: 42.437 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1289774		
101	12.2		0.0	31.3
203	17.2		0.0	37.6

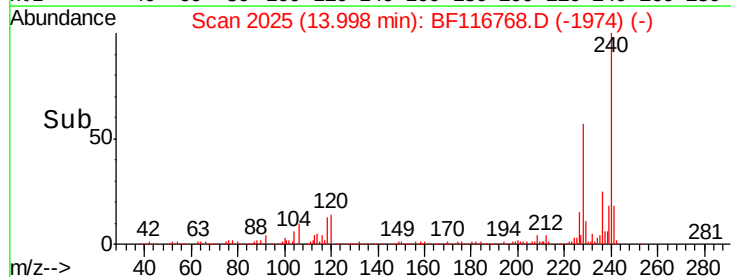
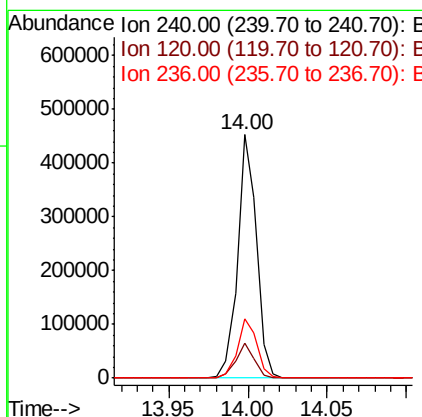
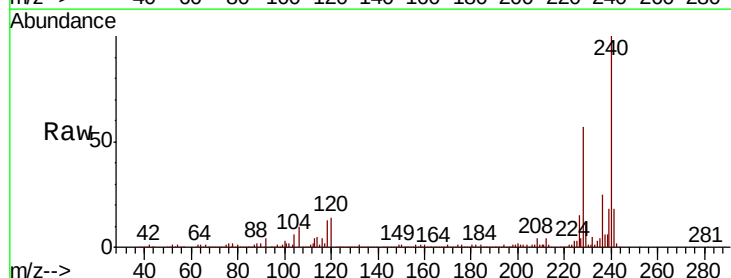
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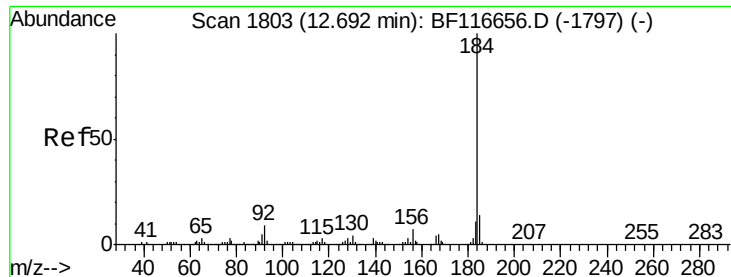
mohammad
9/6/2019 8:18:04 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	373725		
120	14.5		9.1	13.7#
236	24.6		21.1	31.7





#77

Benzidine

Concen: 31.465 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

PB122729BS

Tot Ion:184 Resp: 461223

Ion Ratio Lower Upper

184 100

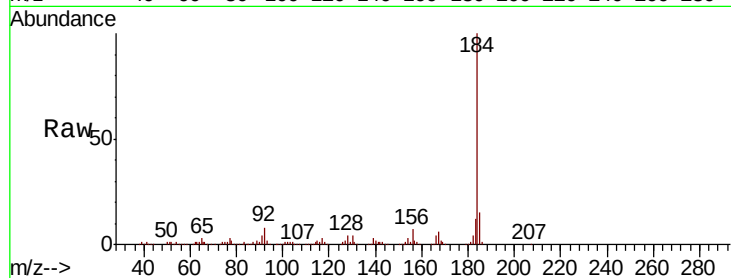
185 14.9 11.3 16.9

183 11.7 9.2 13.8

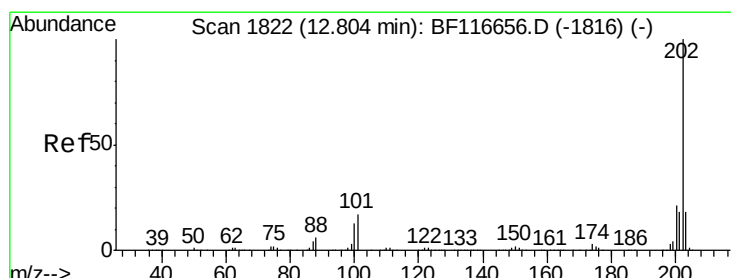
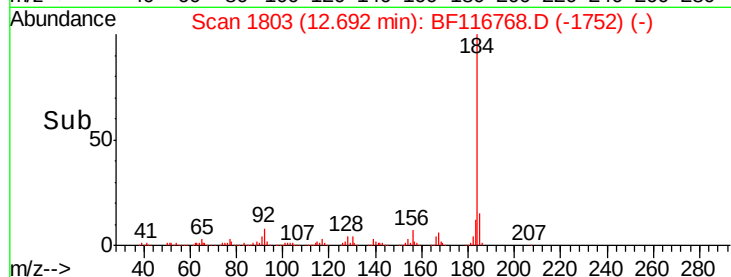
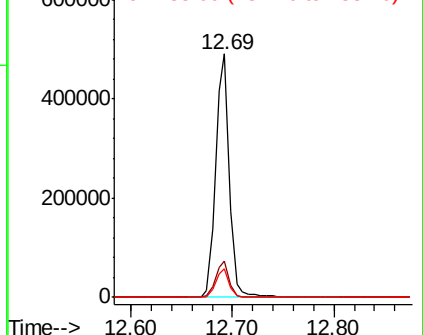
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.013 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

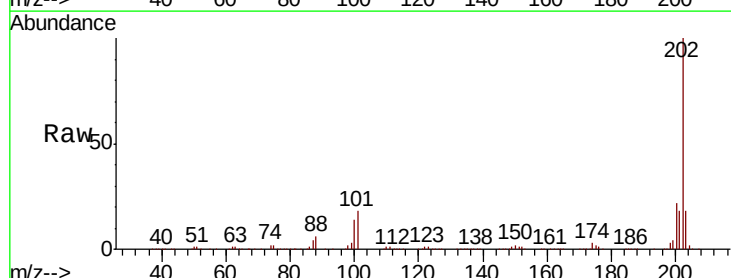
Tgt Ion:202 Resp: 1296087

Ion Ratio Lower Upper

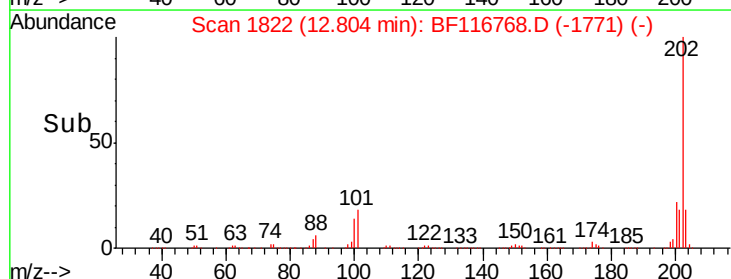
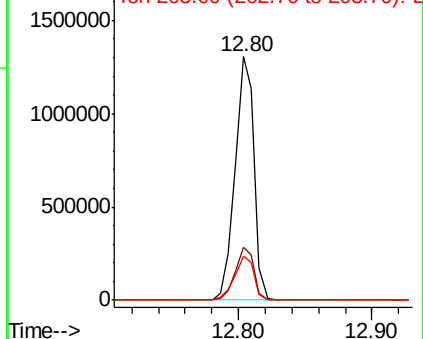
202 100

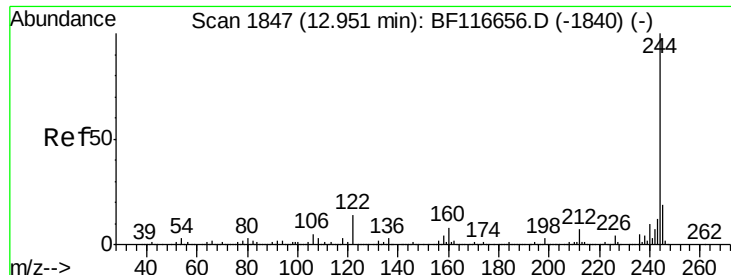
200 21.7 16.5 24.7

203 18.2 13.7 20.5



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





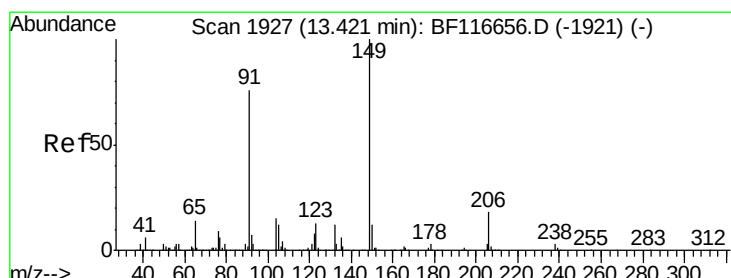
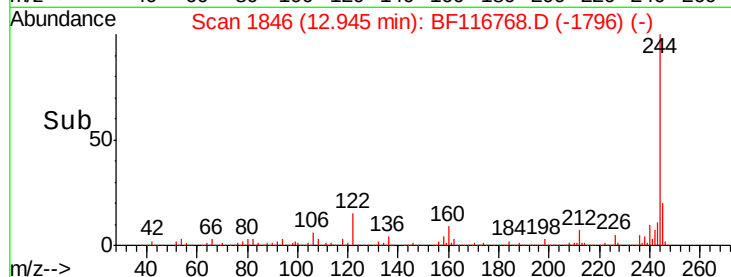
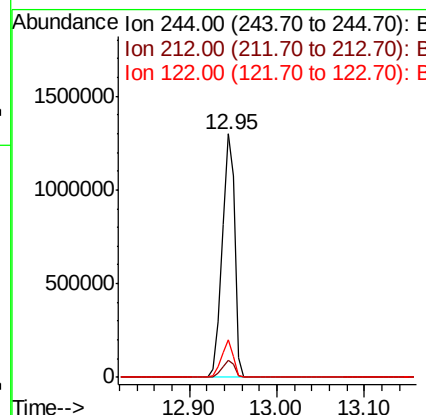
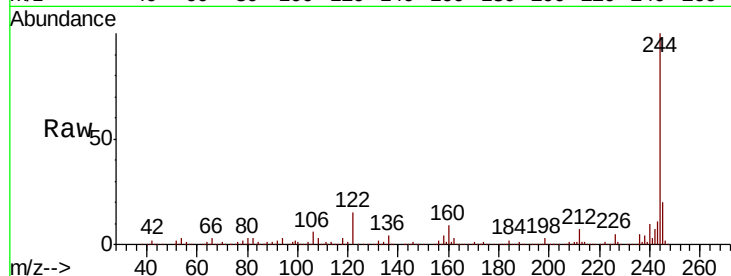
#79
 Terphenyl-d14
 Concen: 63.836 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122729BS

Tot Ion:244 Resp: 1289623
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 15.5 10.2 15.4#

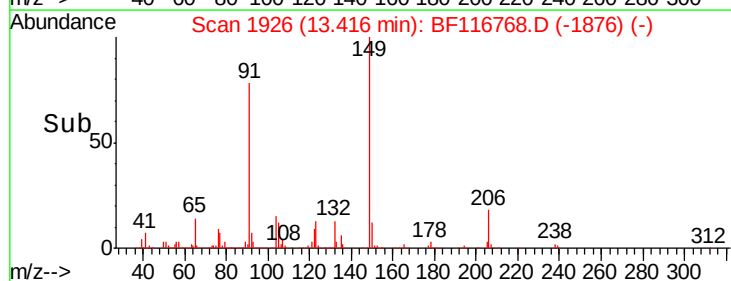
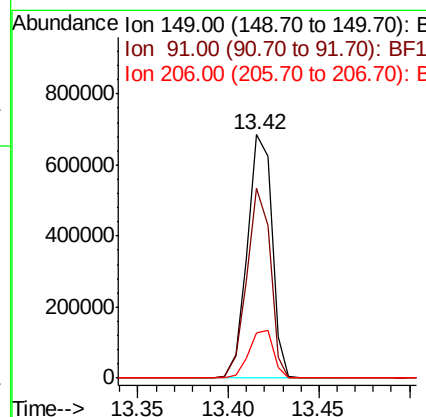
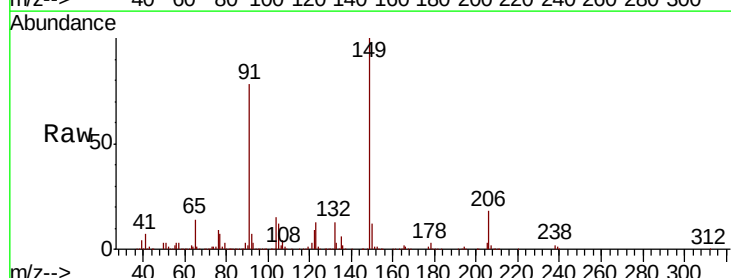
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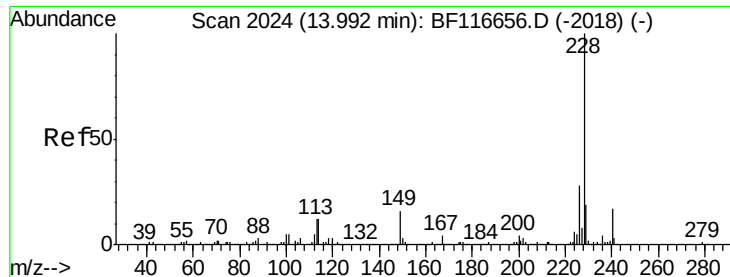
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.125 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion:149 Resp: 648240
 Ion Ratio Lower Upper
 149 100
 91 77.9 61.0 91.4
 206 18.4 14.8 22.2





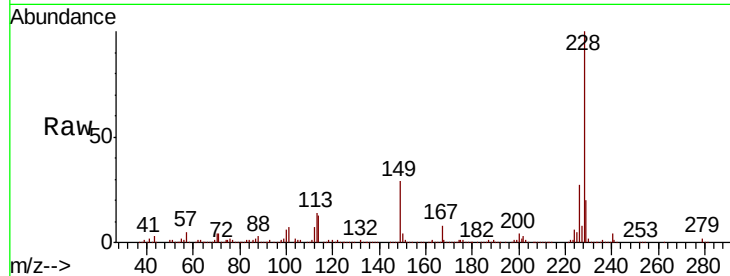
#81
Benzo(a)anthracene
Concen: 41.316 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	20.2	16.4	24.6

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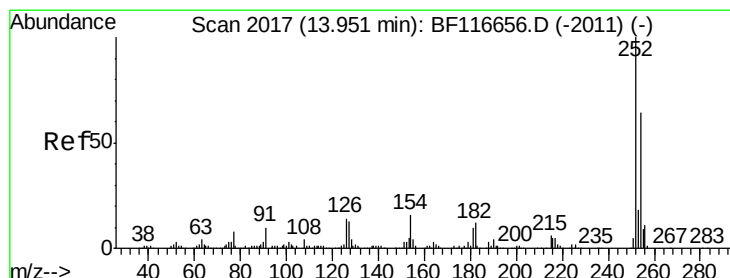
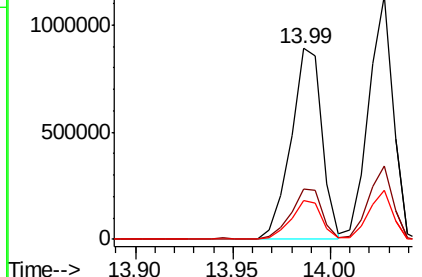
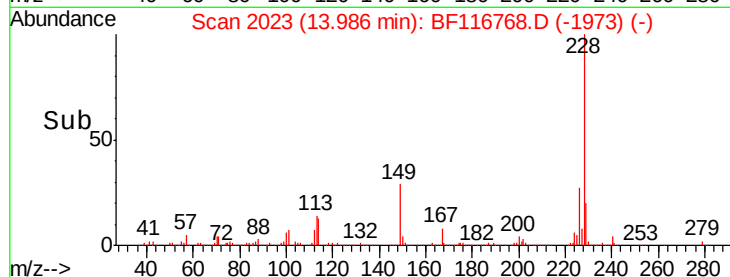


Abundance

Ion 228.00 (227.70 to 228.70): E

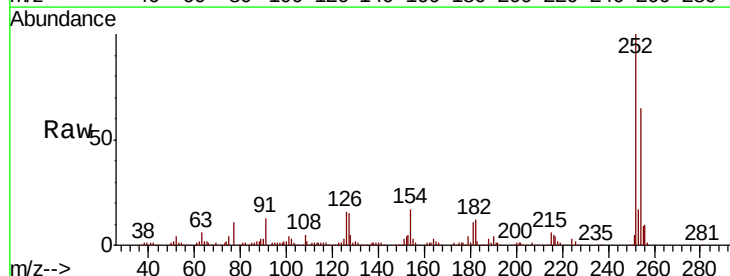
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 33.949 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.1	75.1
126	15.7	10.6	16.0

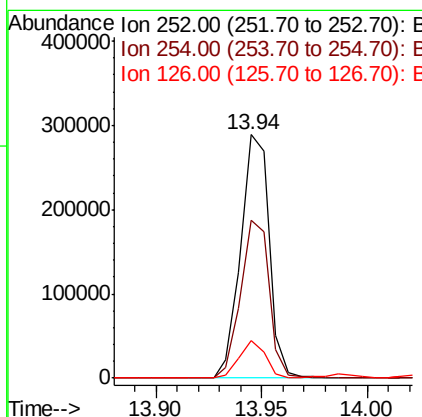
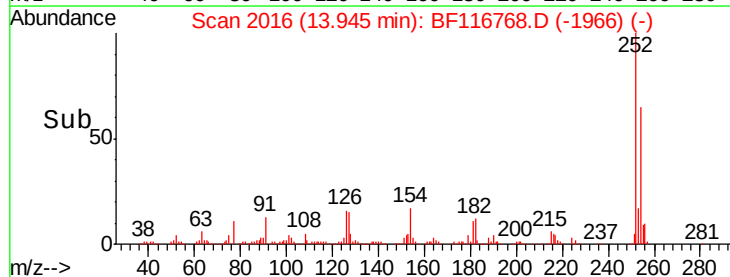


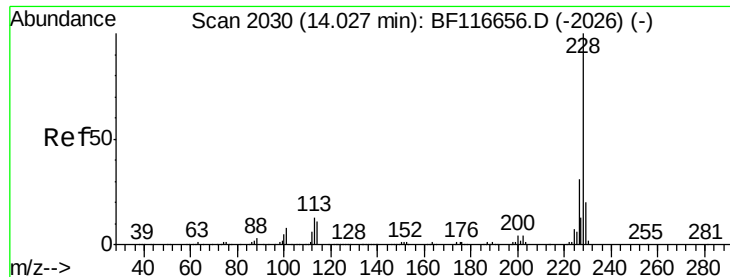
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





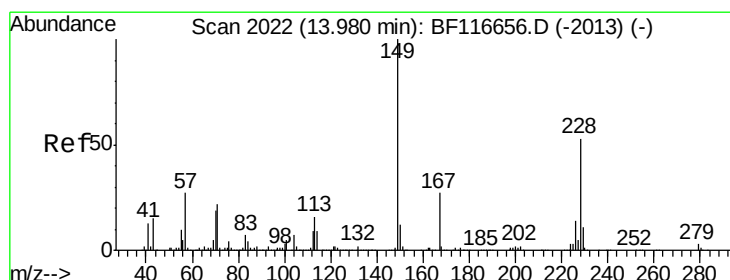
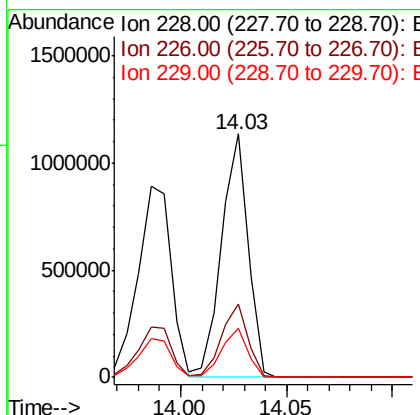
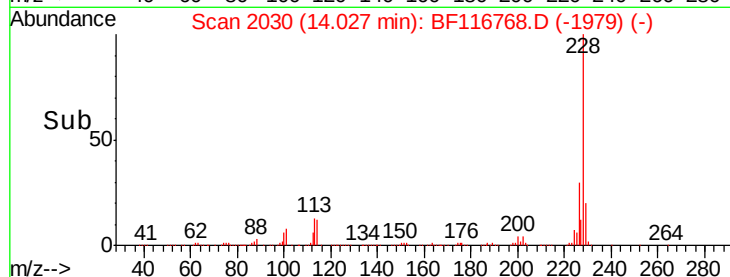
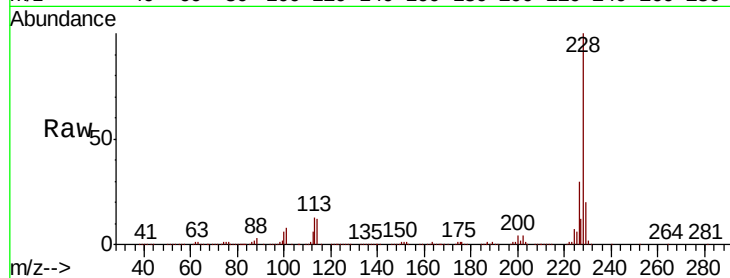
#83
 Chrysene
 Concen: 40.582 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleID :
 PB122729BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	988907		
226	30.3		24.0	36.0
229	20.0		15.4	23.0

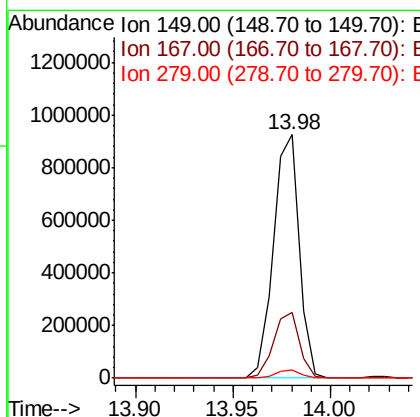
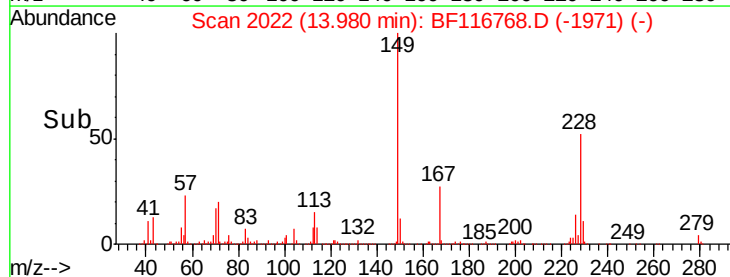
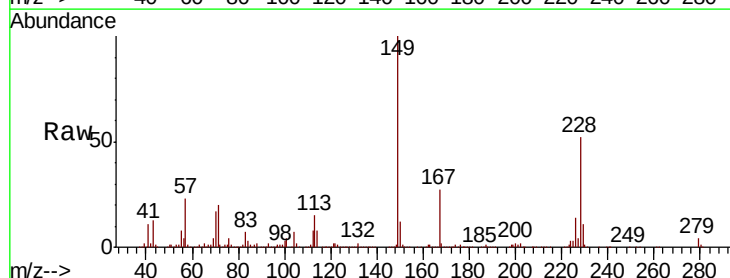
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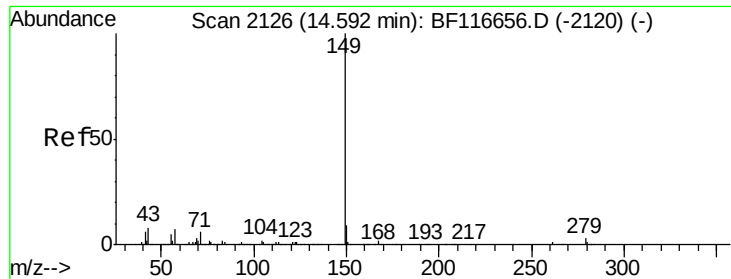
mohammad
 9/6/2019 8:18:04 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.495 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	847467		
167	27.1		21.0	31.4
279	3.5		2.8	4.2





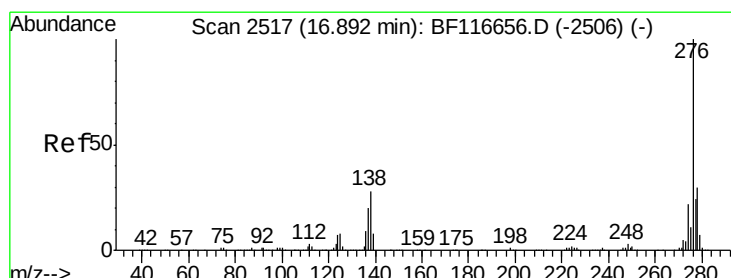
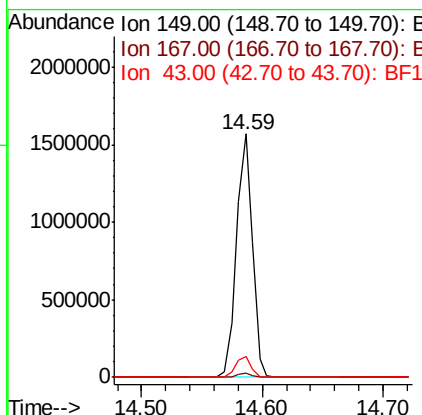
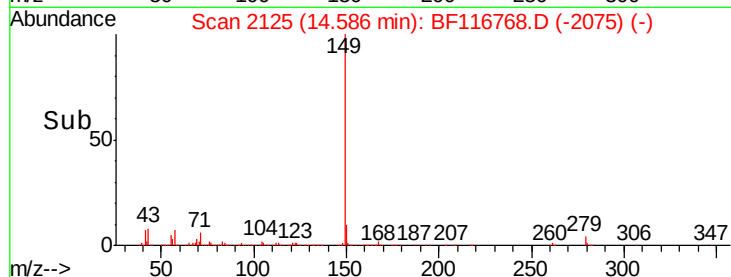
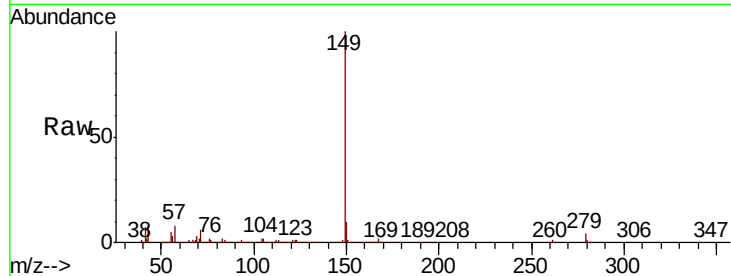
#85
Di-n-octyl phthalate
Concen: 44.283 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.2	7.8	11.8

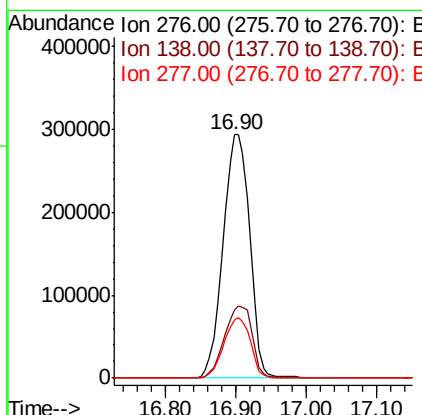
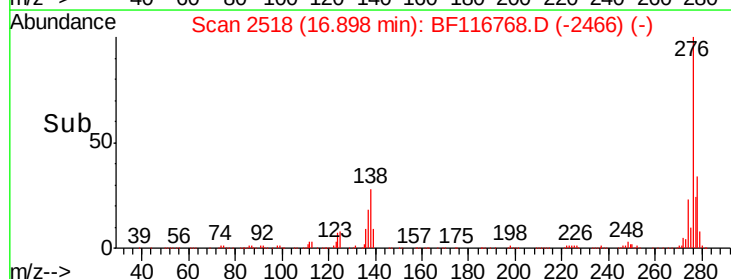
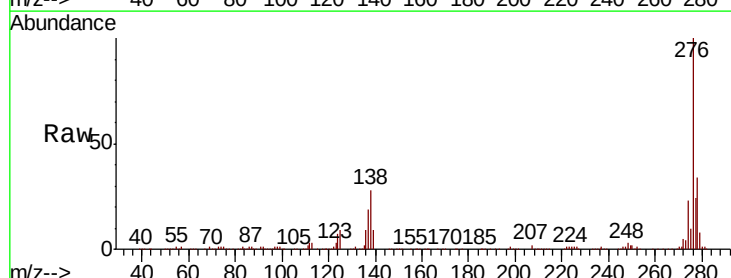
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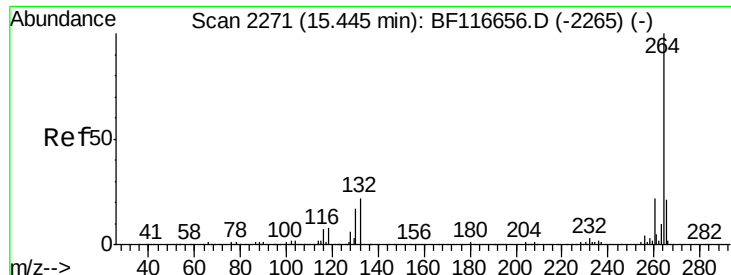
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.223 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	19.4	29.2#
277	24.8	20.5	30.7





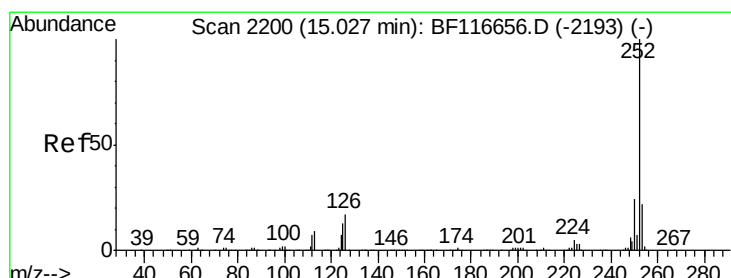
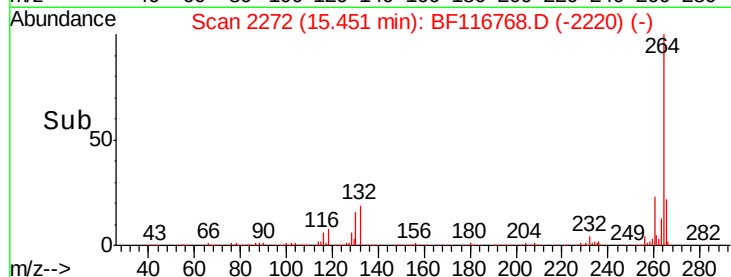
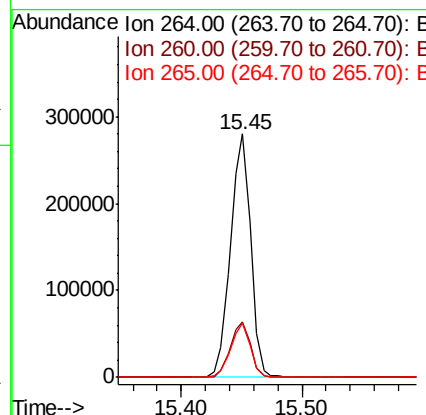
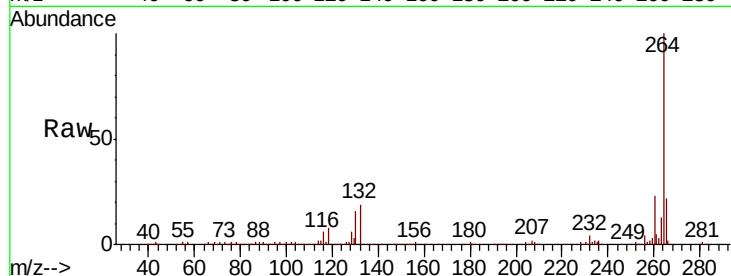
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	22.2	16.5	24.7

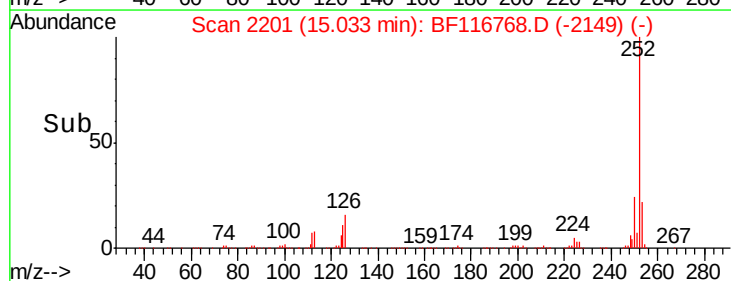
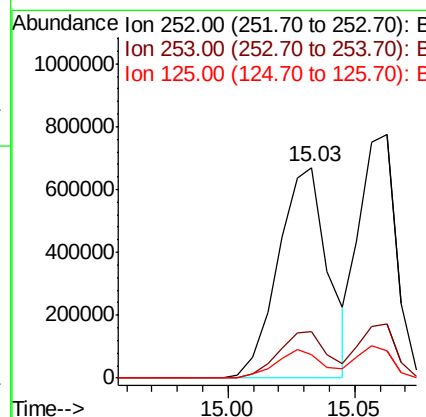
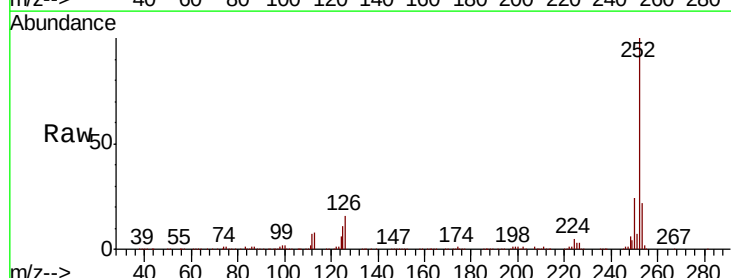
Manual Integrations
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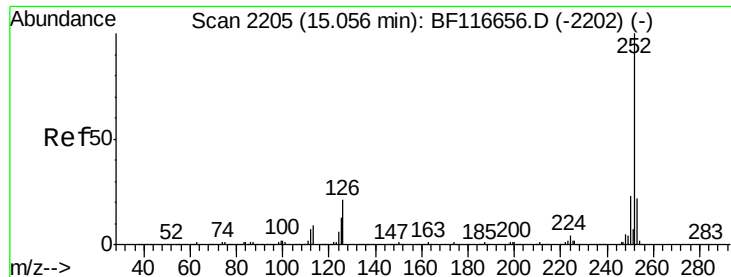
mohammad
9/6/2019 8:18:04 AM



#88
Benzo(b)fluoranthene
Concen: 46.793 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.3	8.2	12.2





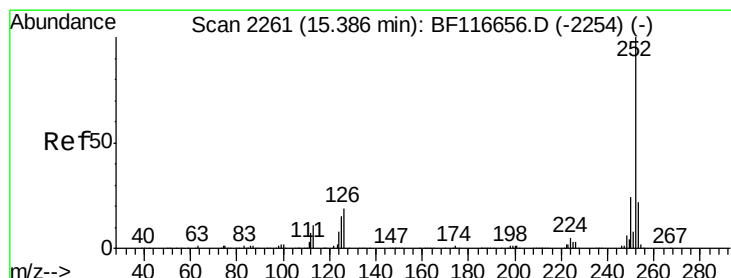
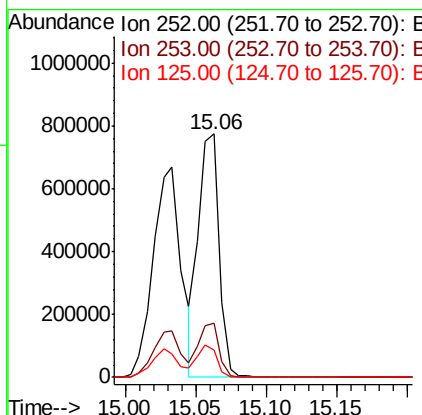
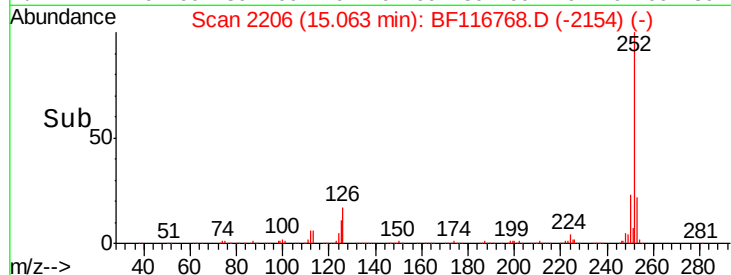
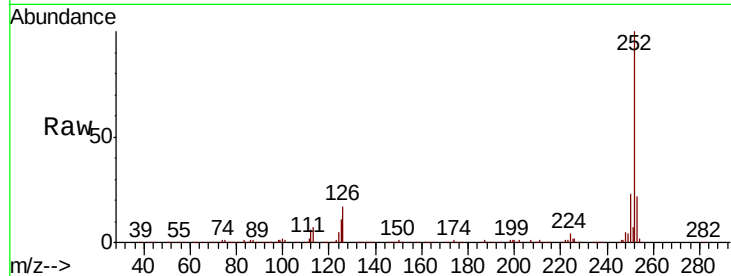
#89
Benzo(k)fluoranthene
Concen: 44.049 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleID :
PB122729BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.4	8.6	13.0

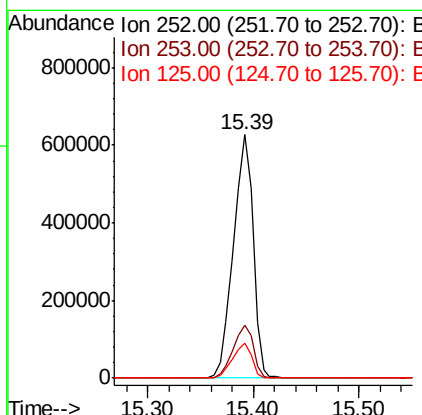
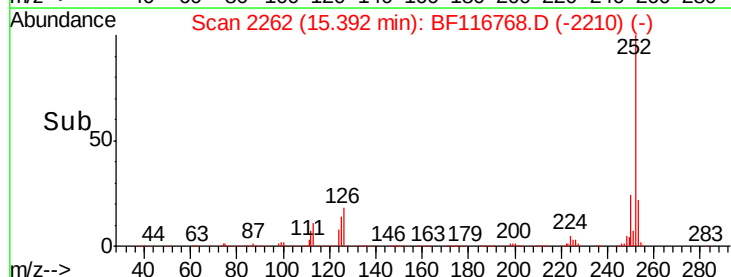
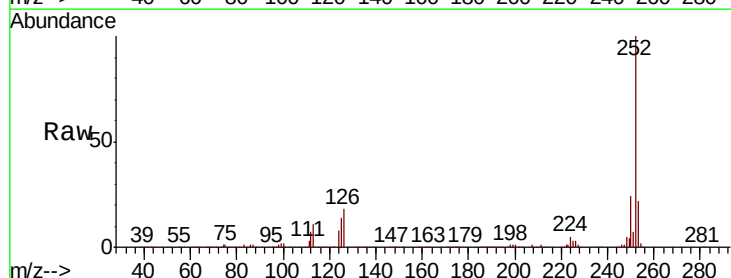
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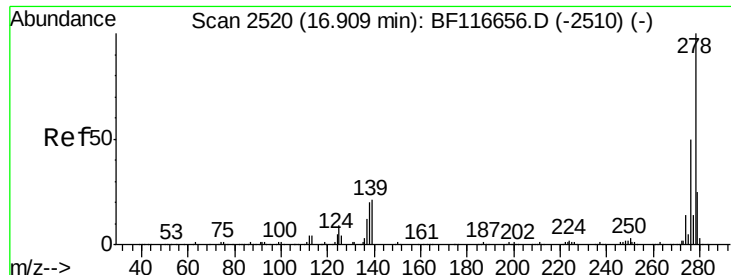
mohammad
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#90
Benzo(a)pyrene
Concen: 47.241 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	14.2	9.8	14.8





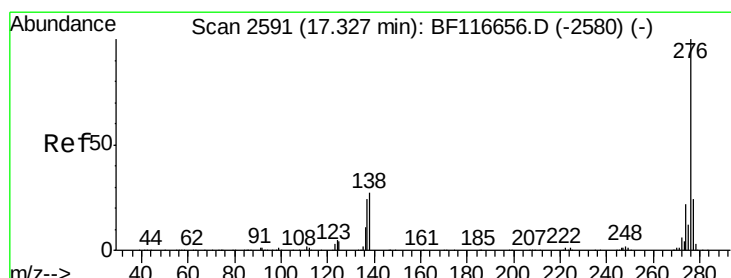
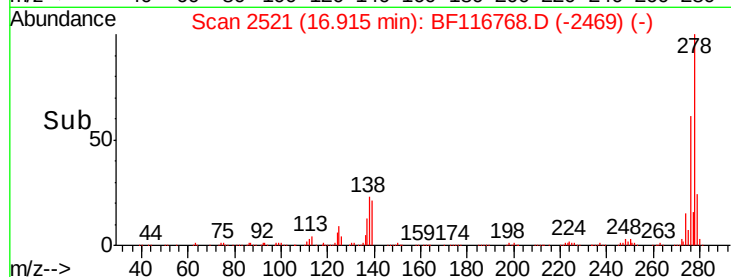
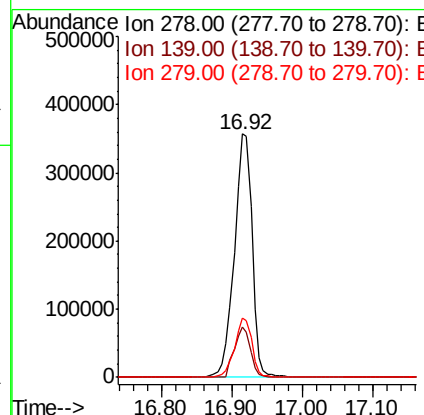
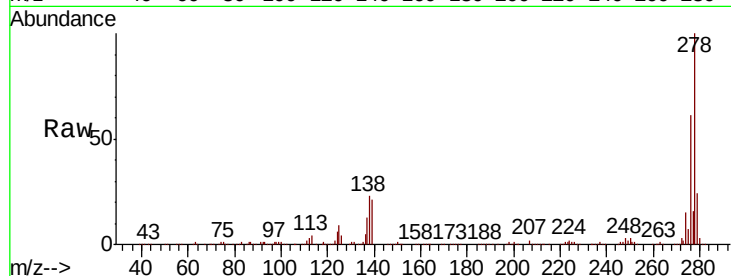
#91
Dibenzo(a,h)anthracene
Concen: 41.920 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.8	12.4	18.6#
279	24.1	18.2	27.4

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#92
Benzo(g,h,i)perylene
Concen: 41.351 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	26.2	16.2	24.2#

