

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115982.D
 Acq On : 5 Aug 2019 16:24
 Operator : HP/JU
 Sample : PB121965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Manual Integrations
 APPROVED

mohammad
 8/8/2019 4:45:43 PM

Quant Time: Aug 06 02:03:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133944	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	531846	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	275113	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	452314	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	307898	20.00	ng	-0.02
87) Perylene-d12	15.47	264	285202	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	823570	102.93	ng	0.01
7) Phenol-d6	6.48	99	1041260	103.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	679211	73.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	276921	103.82	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1210153	82.39	ng	-0.02
79) Terphenyl-d14	12.95	244	1219333	83.45	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	153743	38.036	ng	100
3) Pyridine	3.46	79	332846	29.478	ng	99
4) n-Nitrosodimethylamine	3.40	42	151161	33.923	ng	97
6) Aniline	6.51	93	376336	26.031	ng	99
8) 2-Chlorophenol	6.63	128	338173	38.222	ng	99
9) Benzaldehyde	6.40	77	124308	17.847	ng	99
10) Phenol	6.49	94	429576	36.136	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	327159	37.433	ng	97
12) 1,3-Dichlorobenzene	6.79	146	365407	35.736	ng	98
13) 1,4-Dichlorobenzene	6.86	146	373738	36.505	ng	99
14) 1,2-Dichlorobenzene	7.02	146	348579	36.976	ng	99
15) Benzyl Alcohol	6.99	79	280780	36.651	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	439396	36.858	ng	95
17) 2-Methylphenol	7.10	107	280588	37.453	ng	99
18) Hexachloroethane	7.36	117	134675	35.728	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	233676	37.355	ng	98
20) 3+4-Methylphenols	7.25	107	343101	38.701	ng	# 80
22) Acetophenone	7.25	105	466354	39.982	ng	97
24) Nitrobenzene	7.42	77	376297	37.824	ng	99
25) Isophorone	7.66	82	668239	37.929	ng	100
26) 2-Nitrophenol	7.74	139	183110	39.046	ng	98
27) 2,4-Dimethylphenol	7.78	122	299450	42.442	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	414814	37.987	ng	99
29) 2,4-Dichlorophenol	7.99	162	288170	38.682	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	320309	37.719	ng	100
31) Naphthalene	8.15	128	986929	39.434	ng	100
32) Benzoic acid	7.91	122	170289	34.234	ng	98
33) 4-Chloroaniline	8.19	127	270144	24.158	ng	98
34) Hexachlorobutadiene	8.26	225	178936	36.583	ng	99
35) Caprolactam	8.56	113	83566m	34.683	ng	
36) 4-Chloro-3-methylphenol	8.68	107	295914	38.182	ng	96
37) 2-Methylnaphthalene	8.84	142	651959	39.554	ng	99
38) 1-Methylnaphthalene	8.94	142	615248	39.456	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	297289	40.421	ng	99

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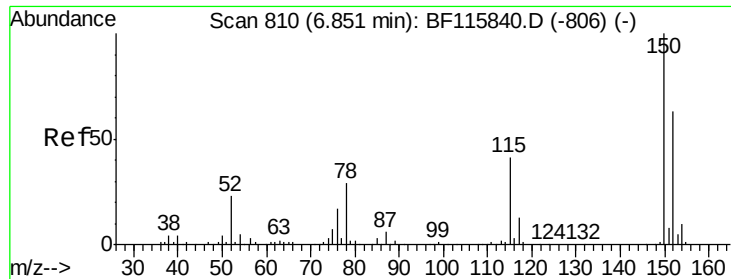
Manual Integrations
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 8/8/2019 4:45:43 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	170380	53.704	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	184427	36.430	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	197209	37.685	nq	96
46) 1,1'-Biphenyl	9.30	154	798318	41.102	nq	99
47) 2-Chloronaphthalene	9.33	162	614460	38.010	nq	99
48) 2-Nitroaniline	9.42	65	187827	35.152	nq	90
49) Acenaphthylene	9.74	152	934598	39.628	nq	99
50) Dimethylphthalate	9.60	163	707777	37.784	nq	100
51) 2,6-Dinitrotoluene	9.66	165	155886	38.294	nq	93
52) Acenaphthene	9.91	154	560842	38.763	nq	99
53) 3-Nitroaniline	9.83	138	117538	23.367	nq	94
54) 2,4-Dinitrophenol	9.95	184	121674	60.840	nq	90
55) Dibenzofuran	10.09	168	843507	40.089	nq	99
56) 4-Nitrophenol	10.00	139	212168	65.845	nq	99
57) 2,4-Dinitrotoluene	10.07	165	203884	37.617	nq	90
58) Fluorene	10.43	166	640073	39.539	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	167661	38.082	nq	98
60) Diethylphthalate	10.30	149	676490	38.681	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	326571	39.832	nq	99
62) 4-Nitroaniline	10.45	138	159022	30.592	nq	99
63) Azobenzene	10.57	77	704684	39.175	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92846	38.735	nq	93
66) n-Nitrosodiphenylamine	10.53	169	560328	41.158	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	194938	40.260	nq	99
68) Hexachlorobenzene	10.98	284	216234	38.620	nq	98
69) Atrazine	11.06	200	168326	37.583	nq	99
70) Pentachlorophenol	11.17	266	189234	69.615	nq	97
71) Phenanthrene	11.39	178	904425	39.113	nq	100
72) Anthracene	11.44	178	938321	40.096	nq	99
73) Carbazole	11.59	167	832649	39.218	nq	99
74) Di-n-butylphthalate	11.92	149	1039838	41.985	nq	100
75) Fluoranthene	12.58	202	926790	38.285	nq	100
77) Benzidine	12.70	184	299557	28.798	nq	98
78) Pyrene	12.81	202	933545	40.222	nq	99
80) Butylbenzylphthalate	13.42	149	416042	42.376	nq	96
81) Benzo(a)anthracene	13.99	228	759856	38.611	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	243782	35.656	nq	98
83) Chrysene	14.03	228	738068	38.630	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	597227	46.811	nq	99
85) Di-n-octyl phthalate	14.59	149	933813	46.081	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	737711	45.972	nq	99
88) Benzo(b)fluoranthene	15.04	252	692965	42.021	nq	98
89) Benzo(k)fluoranthene	15.07	252	665155	41.411	nq	99
90) Benzo(a)pyrene	15.40	252	647078	43.895	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	627584	49.183	nq	100
92) Benzo(g,h,i)perylene	17.38	276	618677	49.369	nq	98

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



#1

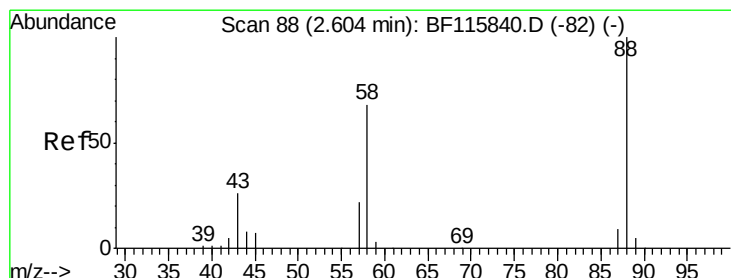
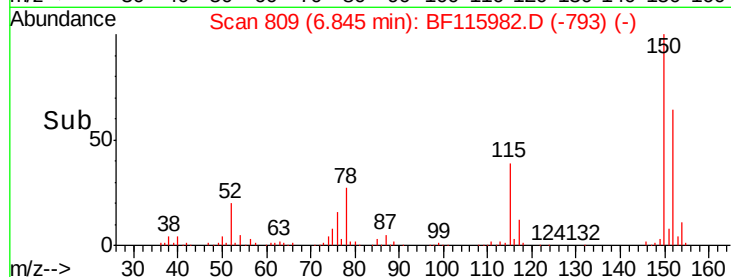
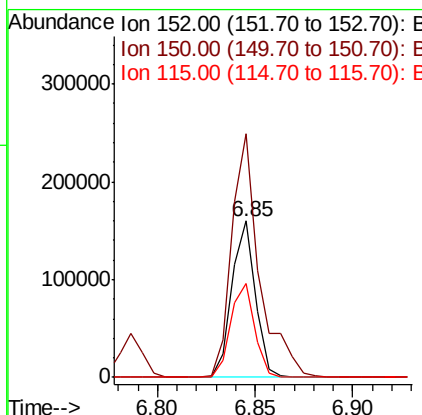
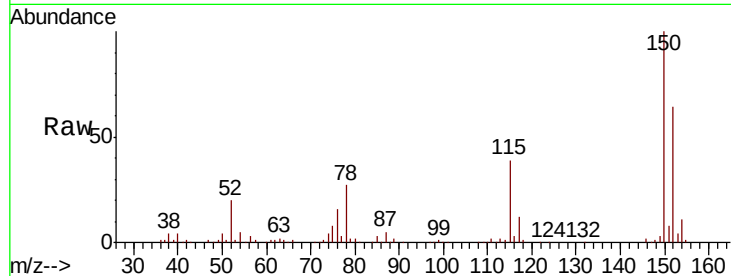
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	60.3	51.8	77.8

Manual Integrations
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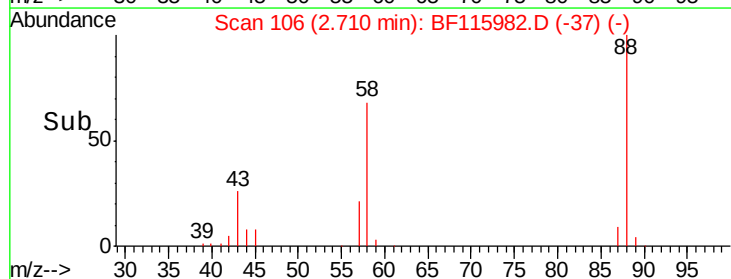
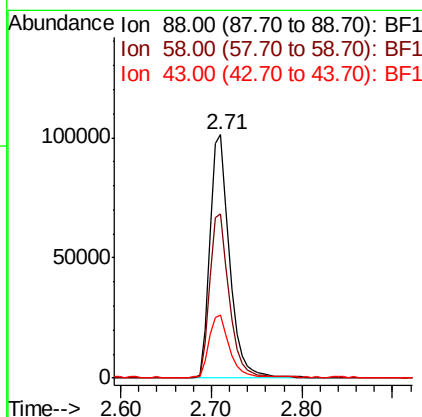
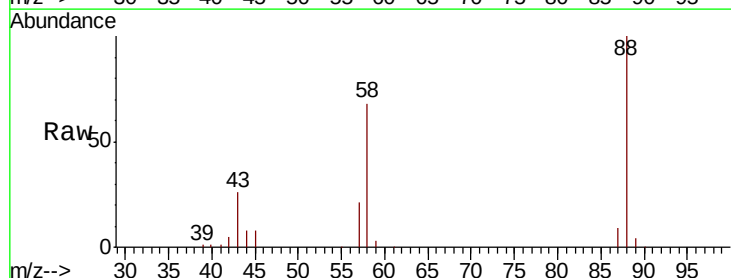
mohammad
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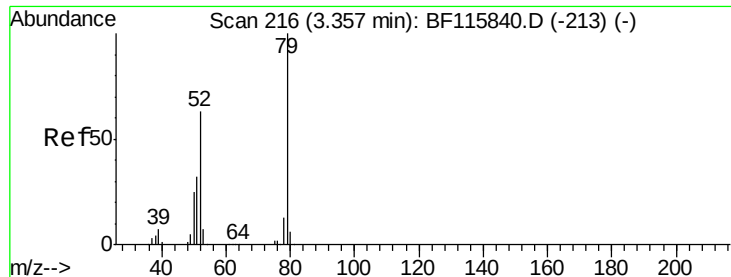


#2

1,4-Dioxane
Concen: 38.036 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.11 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	54.1	81.1
43	26.2	20.7	31.1





#3

Pvrindine

Concen: 29.478 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

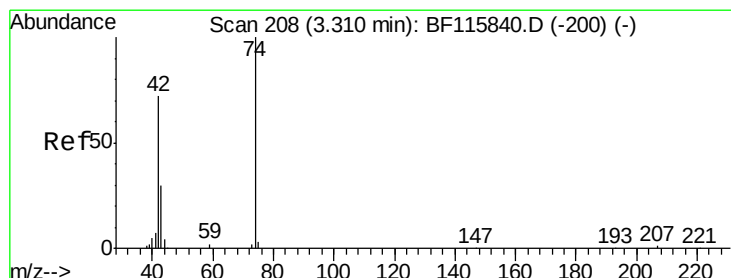
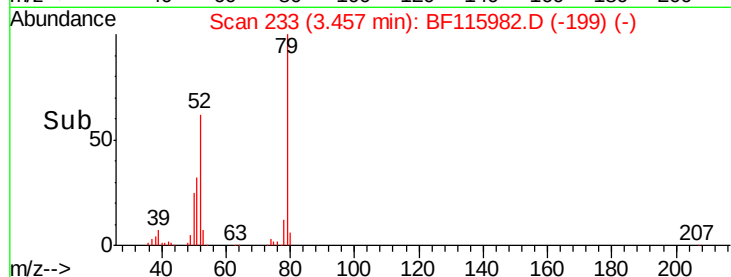
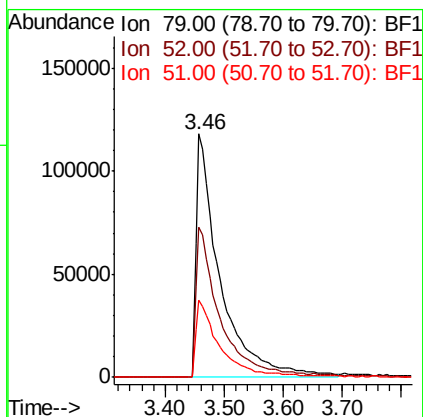
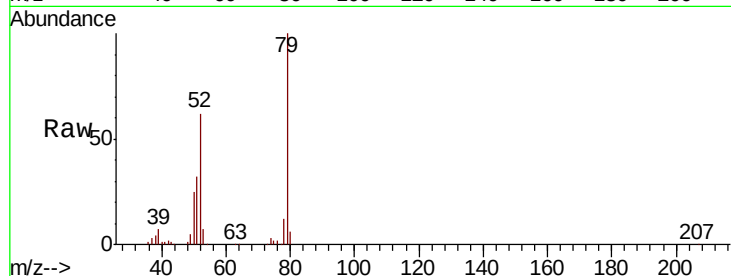
ClientSampleId :

PB121965BS

Tot Ion:	79	Resp:	332846
Ion	Ratio	Lower	Upper
79	100		
52	61.5	50.2	75.4
51	31.8	25.8	38.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.923 ng

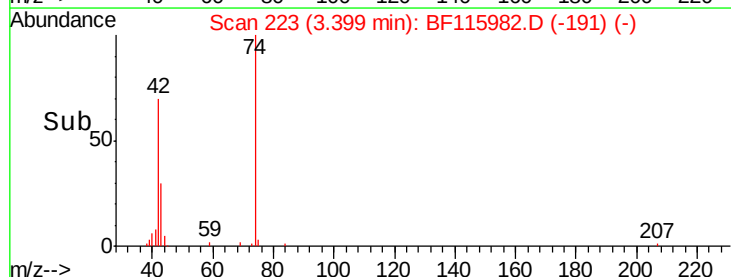
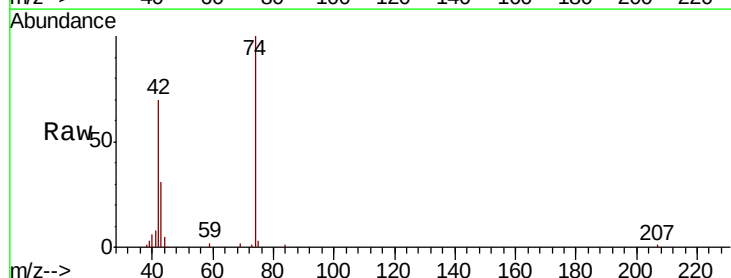
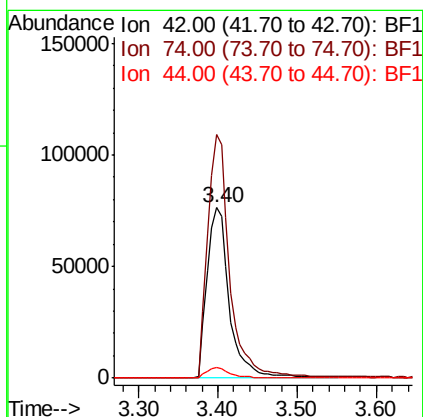
RT: 3.40 min Scan# 223

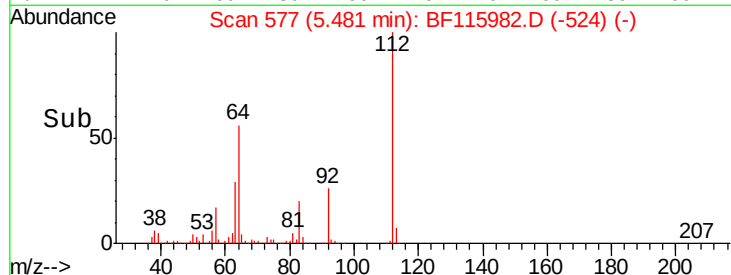
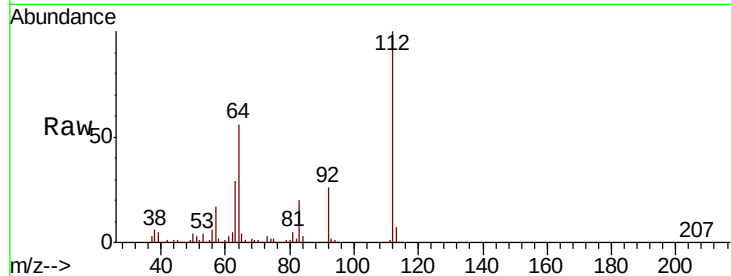
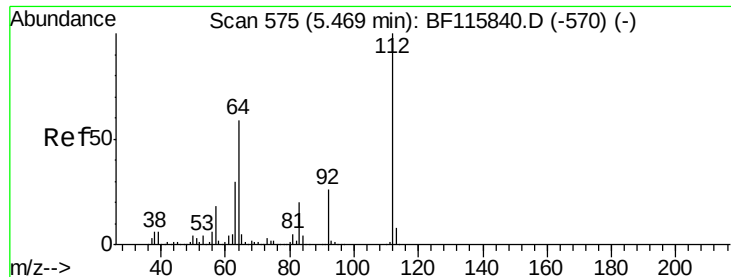
Delta R.T. 0.09 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:	42	Resp:	151161
Ion	Ratio	Lower	Upper
42	100		
74	142.9	111.0	166.4
44	6.6	4.7	7.1





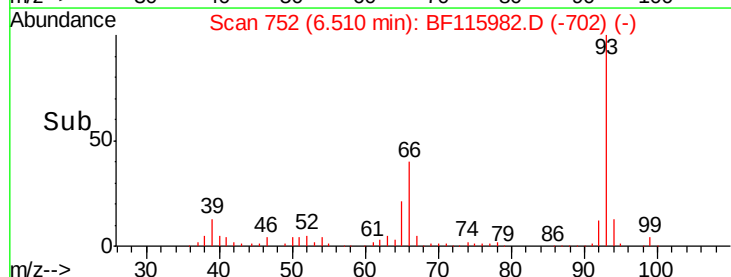
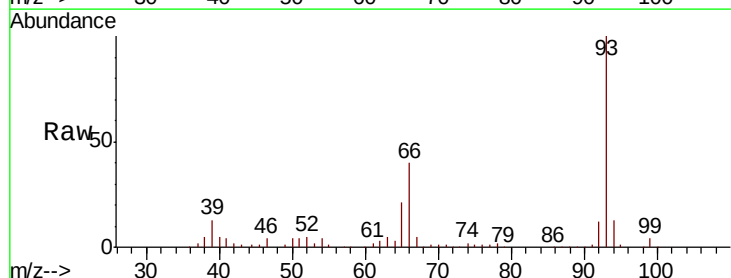
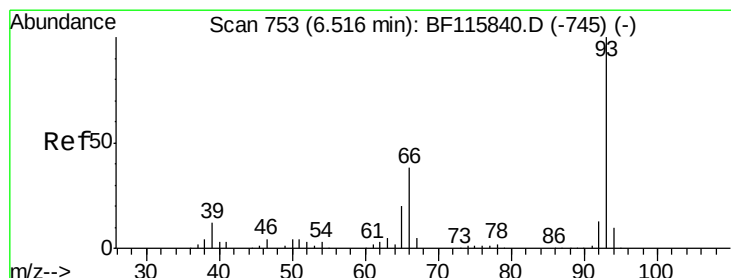
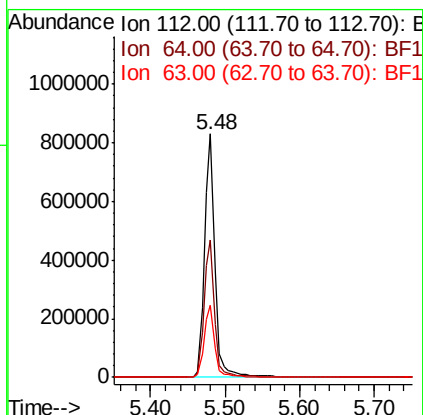
#5
2-Fluorophenol
Concen: 102.932 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tot Ion	Ratio	Resp	Lower	Upper
112	100	823570		
64	56.4		46.8	70.2
63	29.4		24.2	36.2

Instrument :
BNA_F
ClientSampleId :
PB121965BS

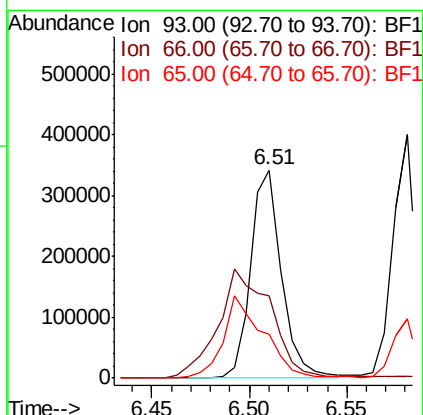
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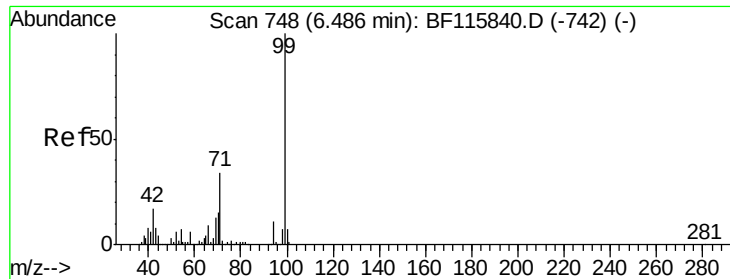
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#6
Aniline
Concen: 26.031 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	376336		
66	39.6		31.4	47.0
65	21.4		16.5	24.7





#7

Phenol-d6

Concen: 103.148 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

Tot Ion: 99 Resp: 1041260

Ion Ratio Lower Upper

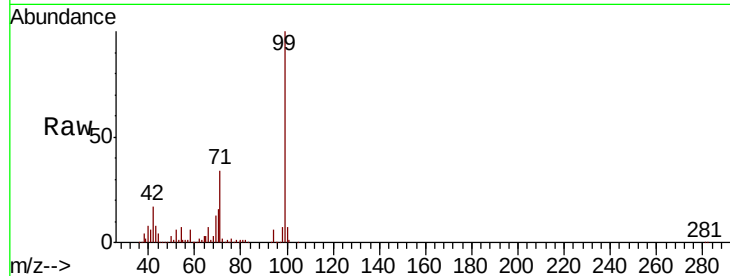
99 100

42 17.4 13.8 20.6

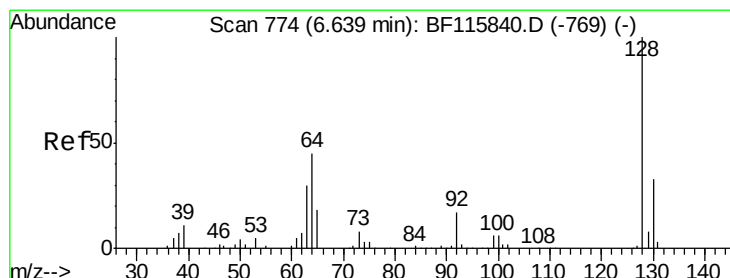
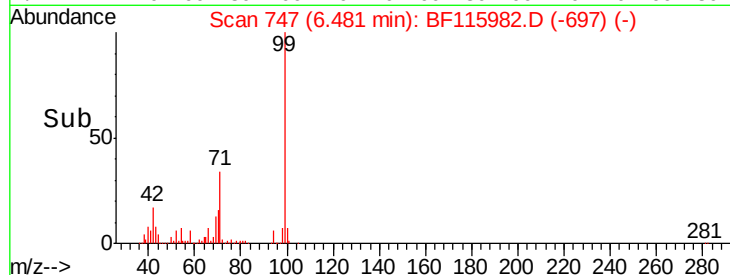
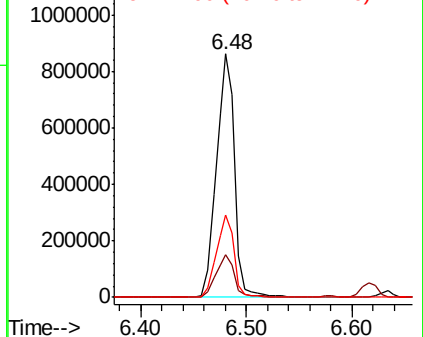
71 34.0 27.1 40.7

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



#8

2-Chlorophenol

Concen: 38.222 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

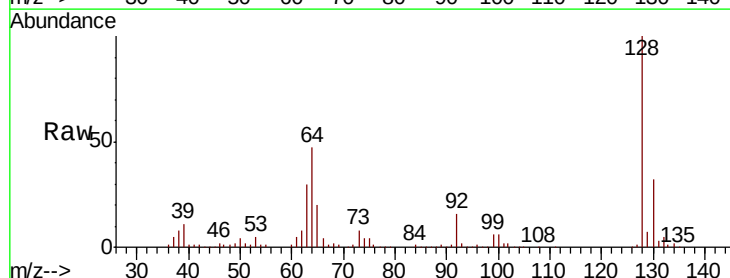
Tgt Ion: 128 Resp: 338173

Ion Ratio Lower Upper

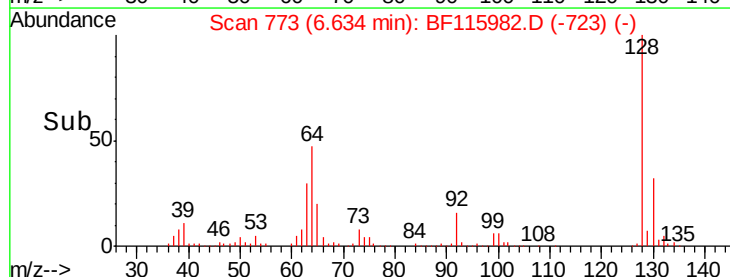
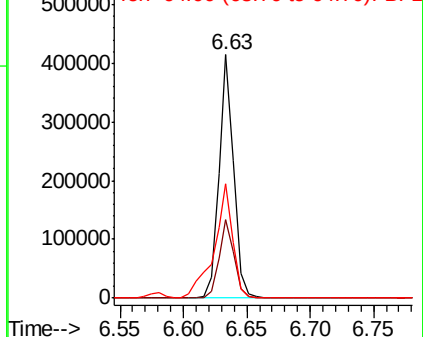
128 100

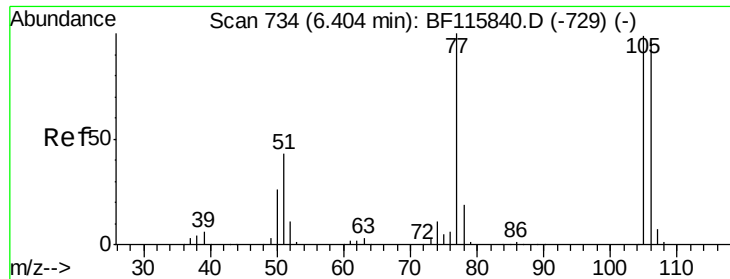
130 32.3 12.9 52.9

64 47.0 26.1 66.1



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





#9

Benzaldehyde

Concen: 17.847 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

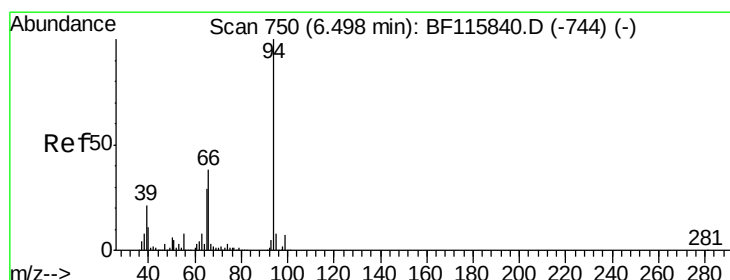
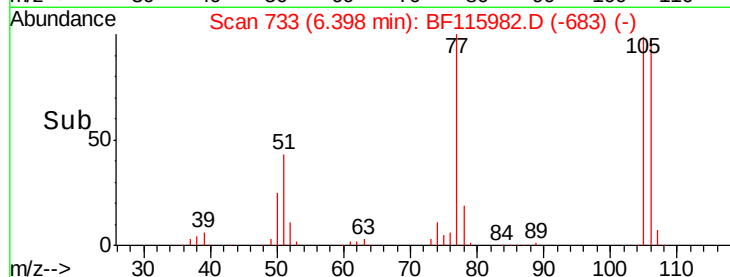
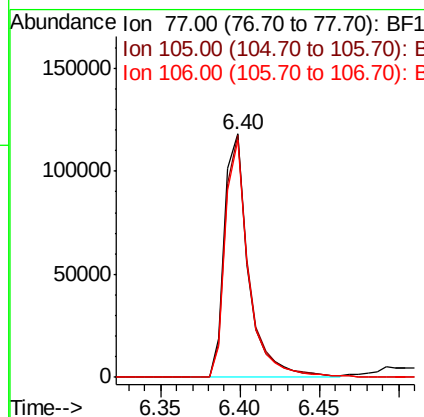
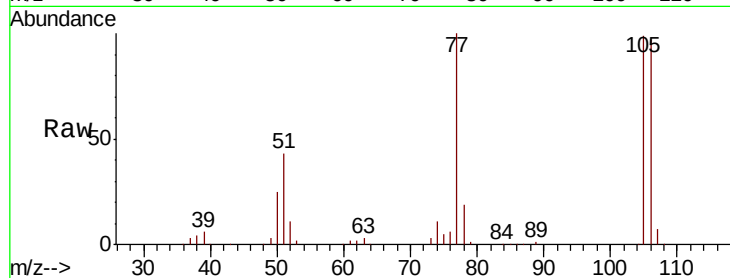
ClientSampleId :

PB121965BS

Tot Ion:	77	Resp:	124308
Ion	Ratio	Lower	Upper
77	100		
105	99.4	79.0	119.0
106	97.3	76.2	116.2

Manual Integrations
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#10

Phenol

Concen: 36.136 ng

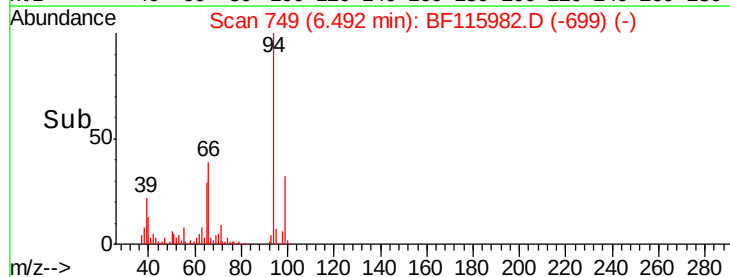
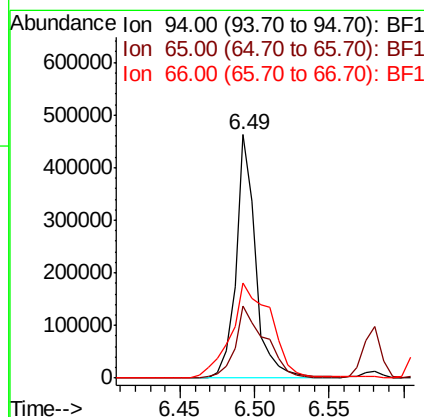
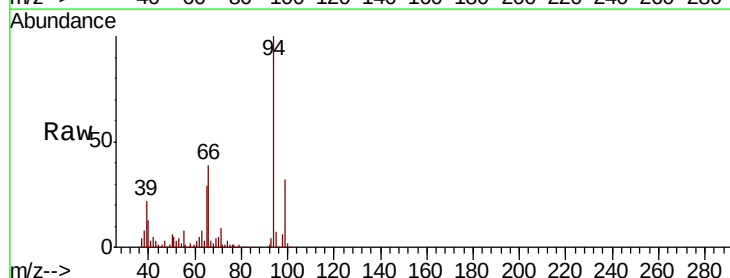
RT: 6.49 min Scan# 749

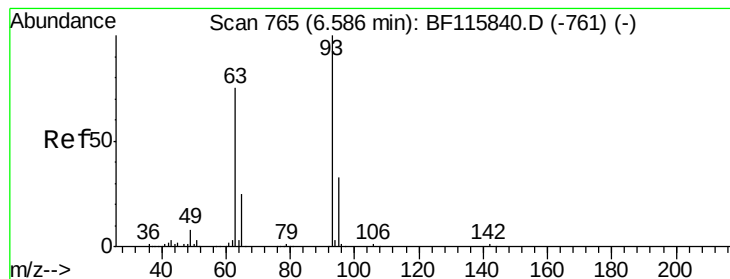
Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:	94	Resp:	429576
Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.9	48.9
66	38.8	18.0	58.0





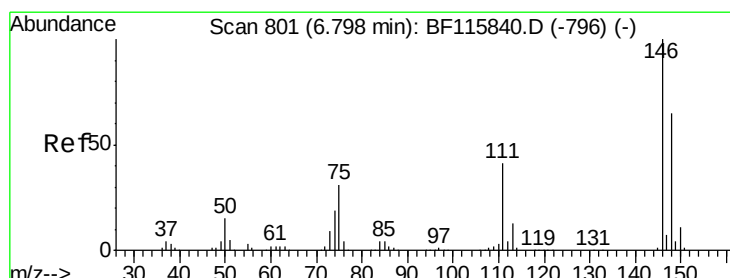
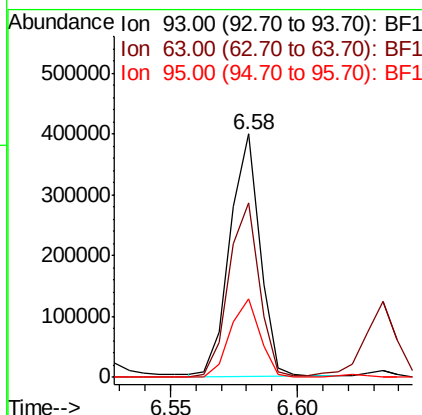
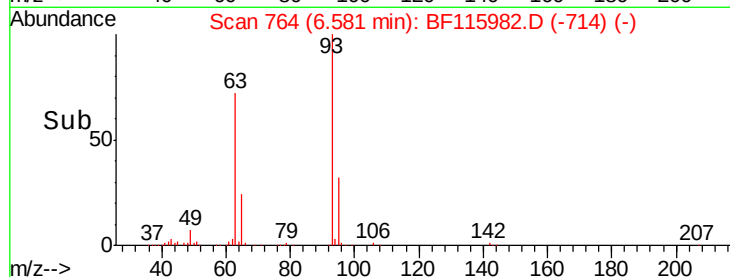
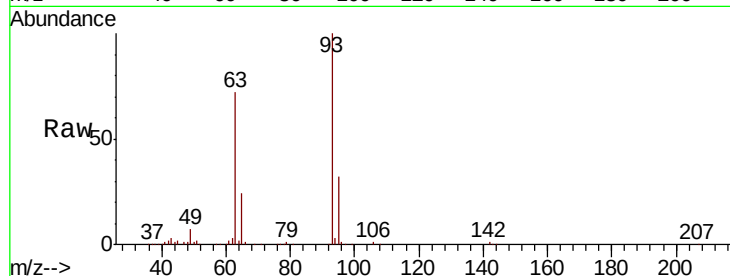
#11
bis(2-Chloroethyl)ether
Concen: 37.433 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	71.6	54.9	94.9	
95	32.3	13.3	53.3	

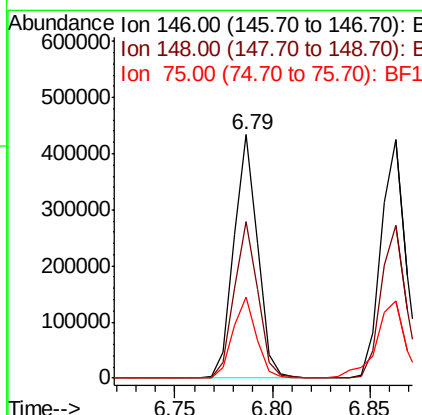
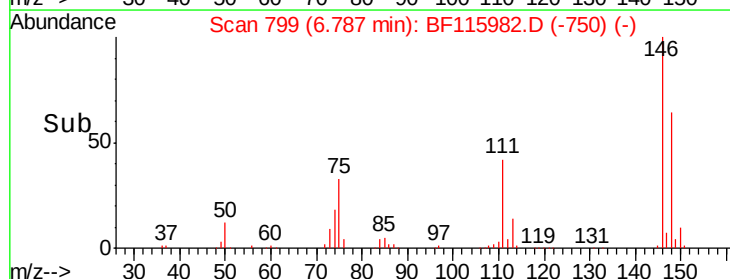
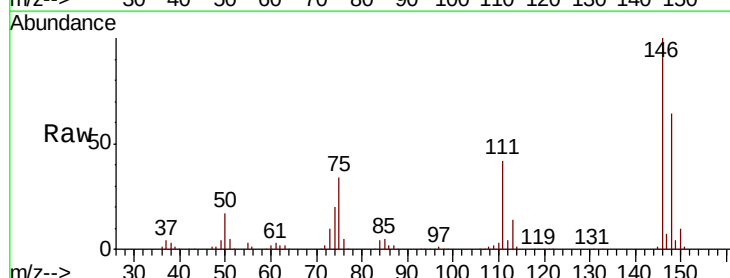
Manual Integrations
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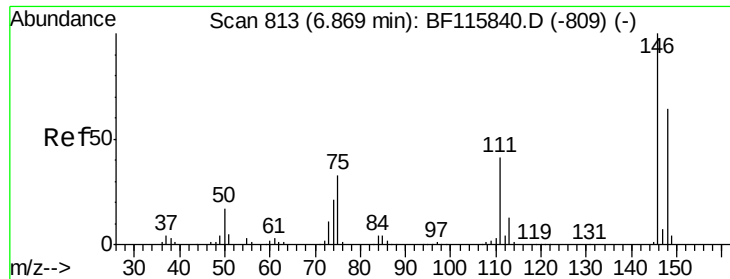
mohammad
8/8/2019 4:45:43 PM



#12
1,3-Dichlorobenzene
Concen: 35.736 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.4	52.1	78.1	
75	33.5	25.0	37.6	





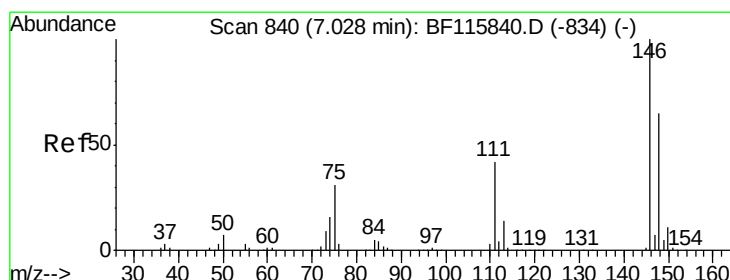
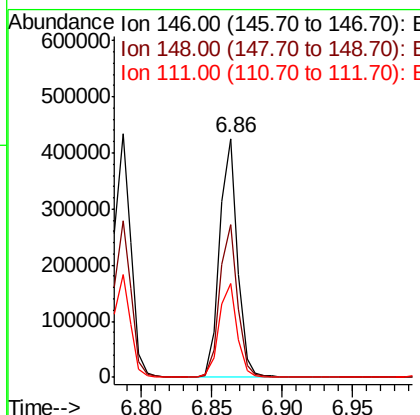
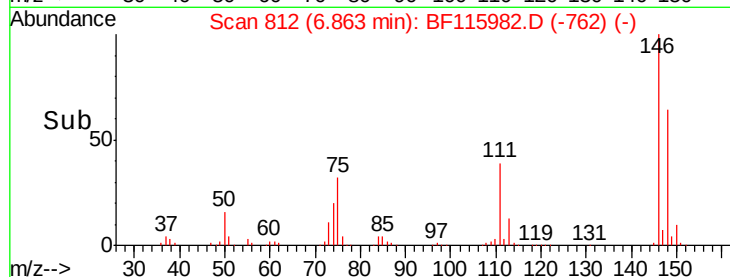
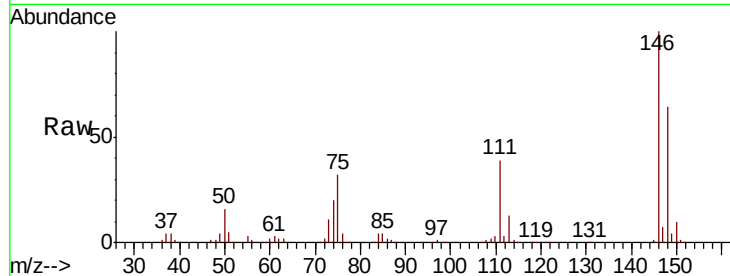
#13
 1,4-Dichlorobenzene
 Concen: 36.505 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	39.4	33.2	49.8

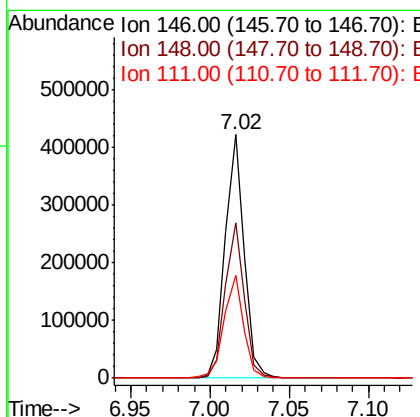
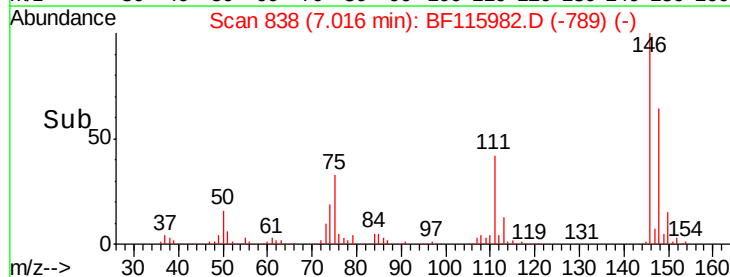
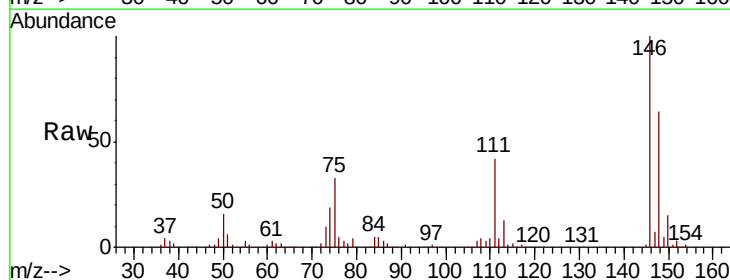
Manual Integrations
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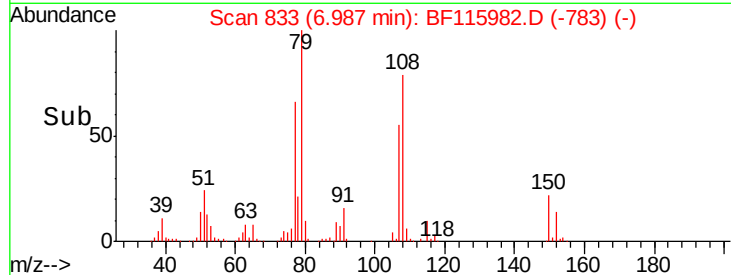
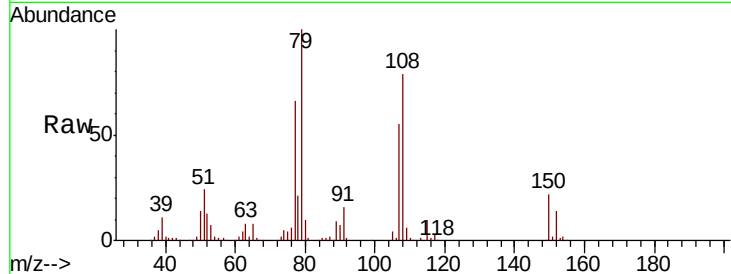
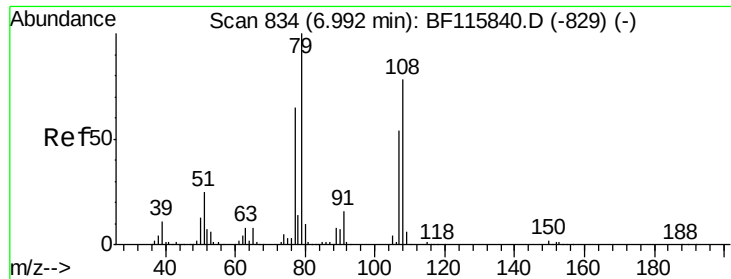
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.976 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	42.1	33.6	50.4





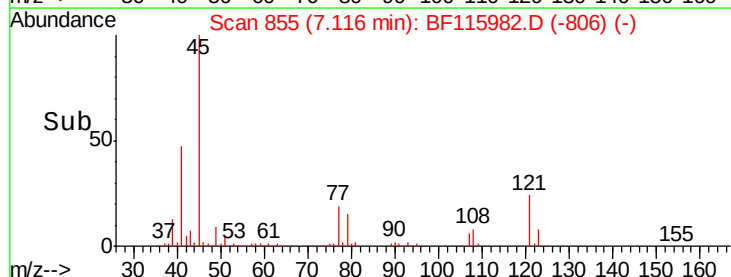
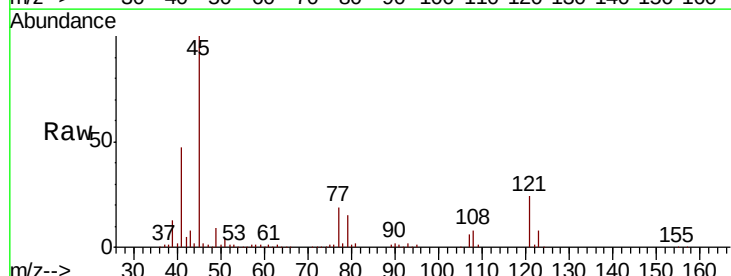
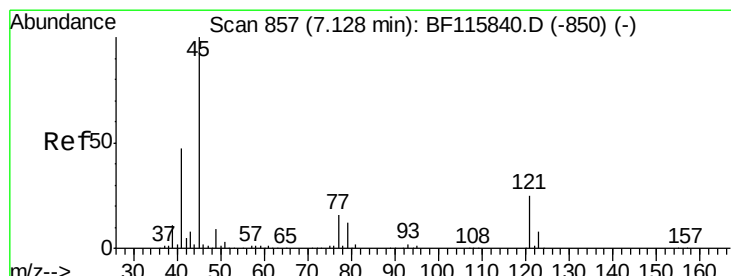
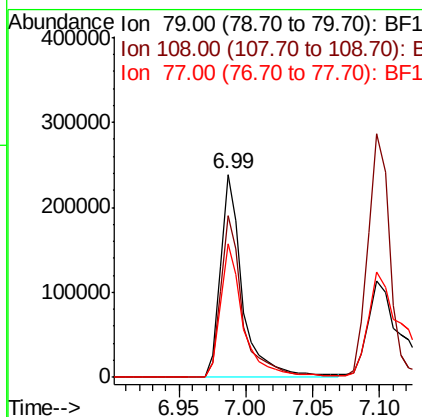
#15
Benzyl Alcohol
Concen: 36.651 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tot Ion	79	108	77
Ion Ratio	100	79.4	65.8
Resp: Lower	280780	62.8	52.0
Upper		94.2	78.0

Instrument :
BNA_F
ClientSampleId :
PB121965BS

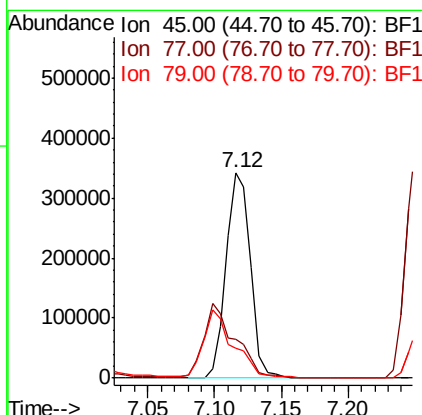
Manual Integrations
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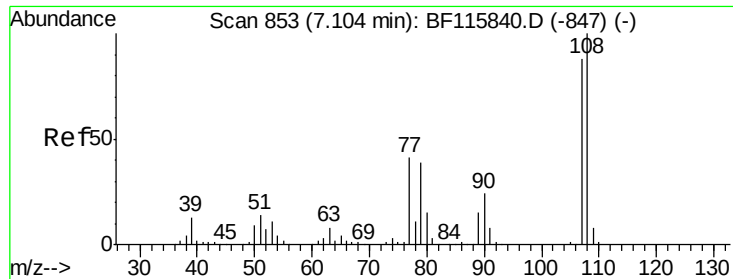
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.858 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	45	77	79
Ion Ratio	100	18.6	14.5
Resp: Lower	439396	0.0	0.0
Upper		36.3	32.5





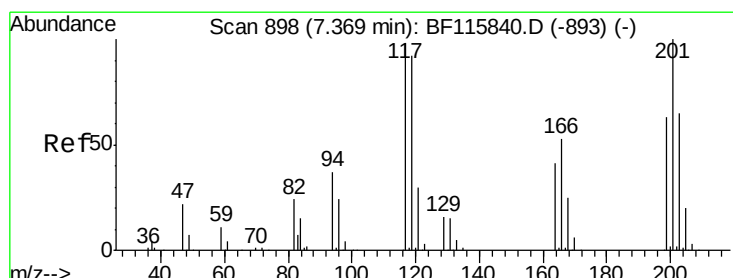
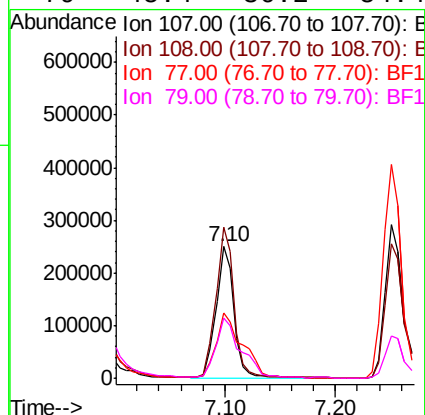
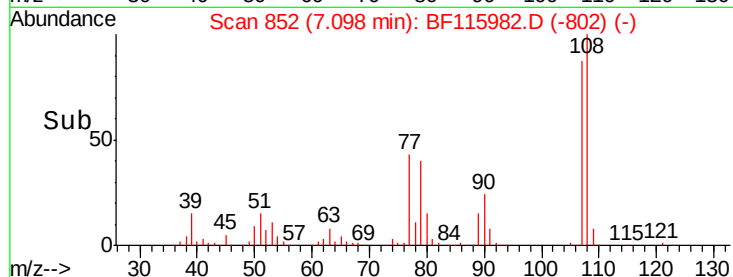
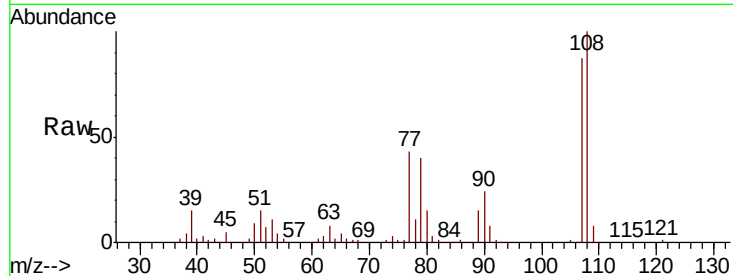
#17
2-Methylphenol
Concen: 37.453 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	114.6	91.4	137.0		
77	49.5	37.6	56.4		
79	45.4	36.2	54.4		

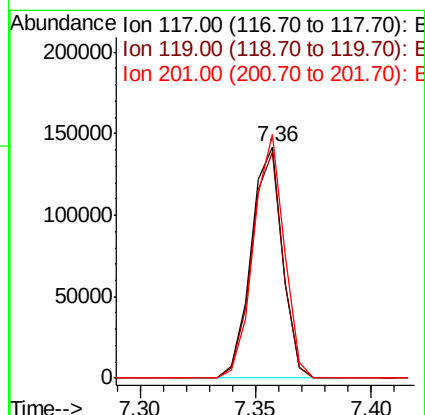
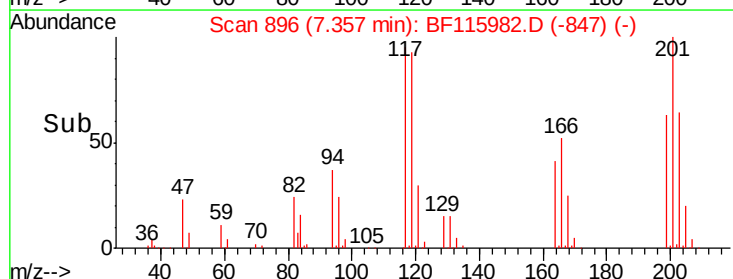
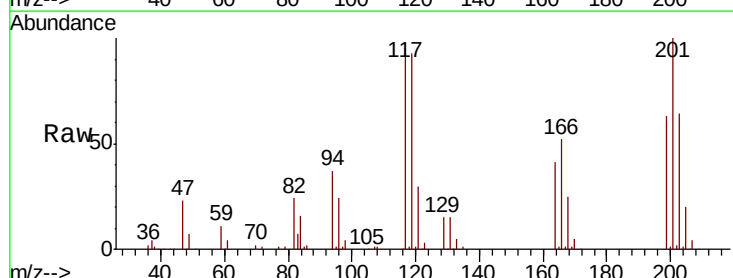
Manual Integrations
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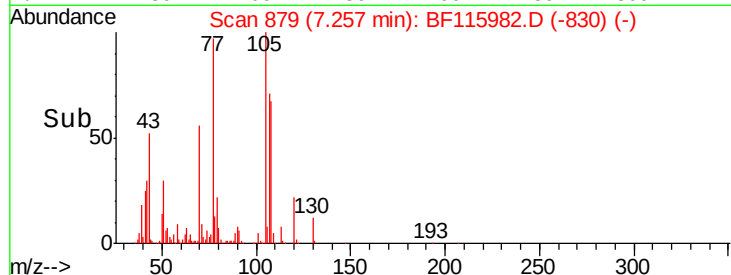
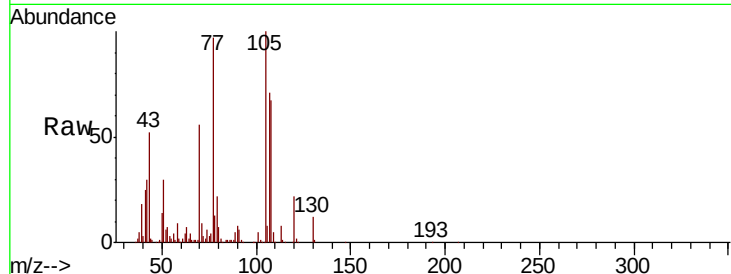
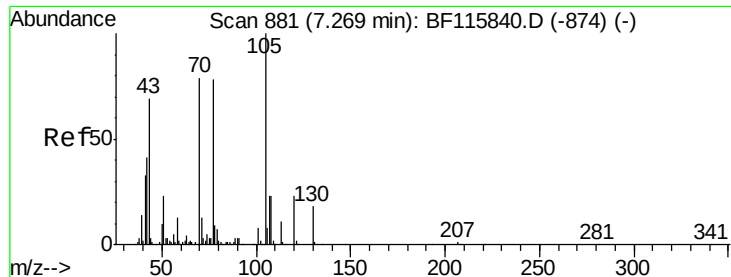
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#18
Hexachloroethane
Concen: 35.728 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.8	75.8	113.6		
201	105.5	82.0	123.0		





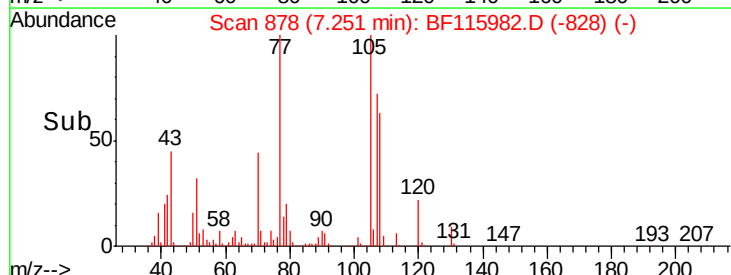
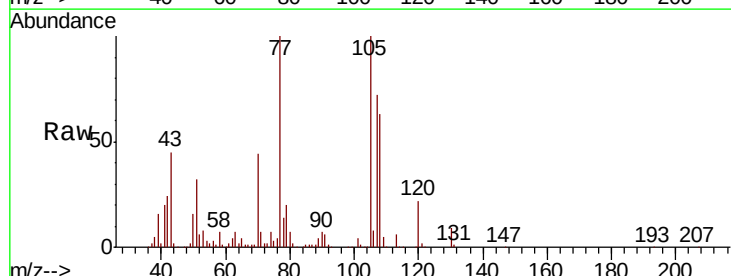
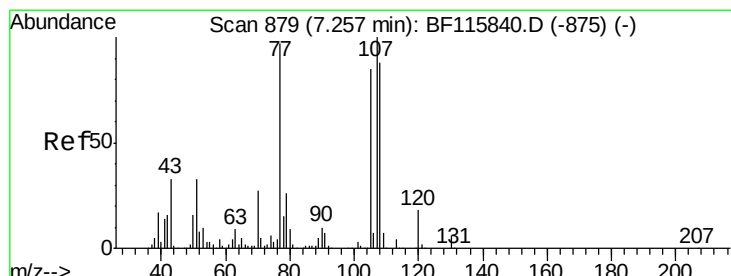
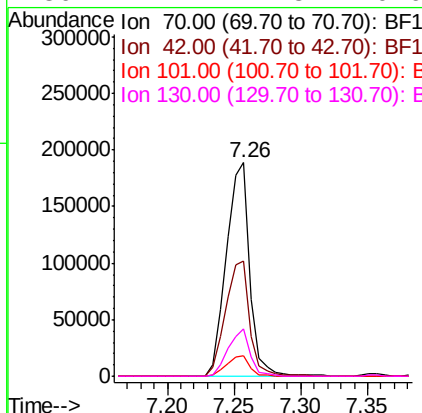
#19
n-Nitroso-di-n-propylamine
Concen: 37.355 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.8	62.8
101	9.4	7.7	11.5
130	22.1	17.8	26.6

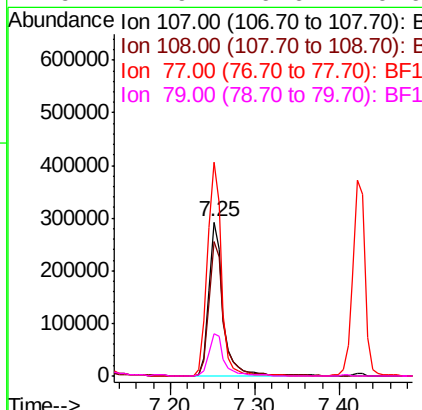
Manual Integrations
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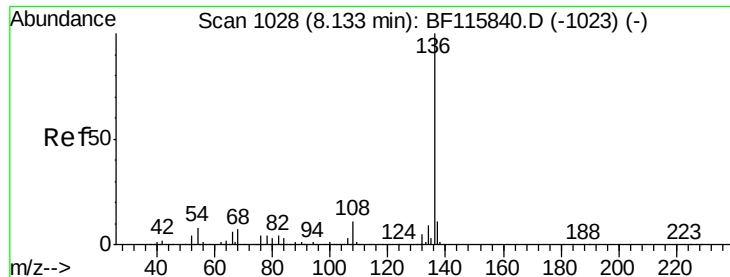
mohammad
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#20
3+4-Methylphenols
Concen: 38.701 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.9	107.9
77	139.0	77.3	117.3#
79	27.9	6.6	46.6





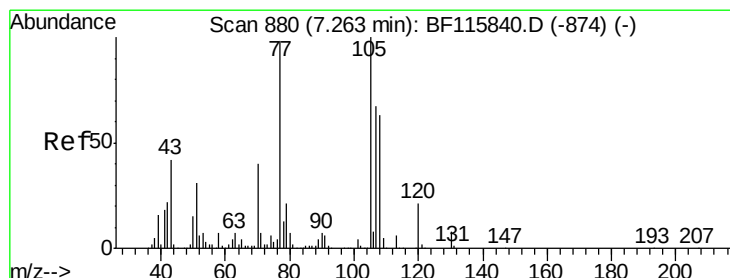
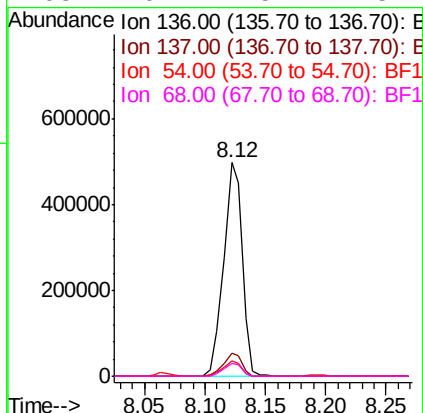
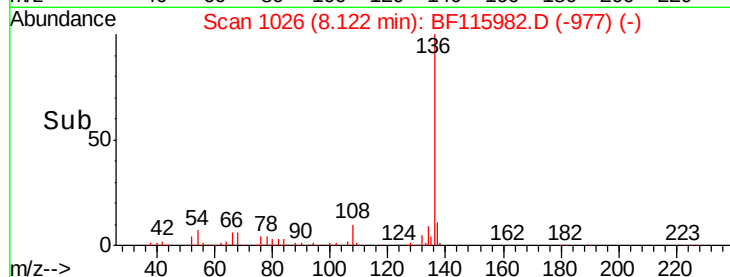
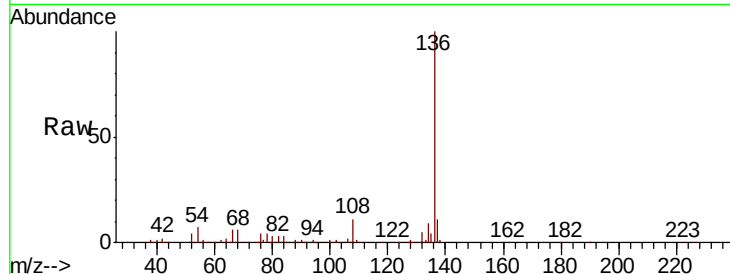
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	531846		
137	11.1	9.1	13.7	
54	7.2	6.1	9.1	
68	6.2	5.4	8.2	

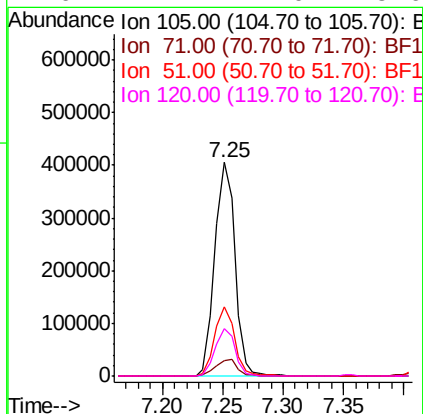
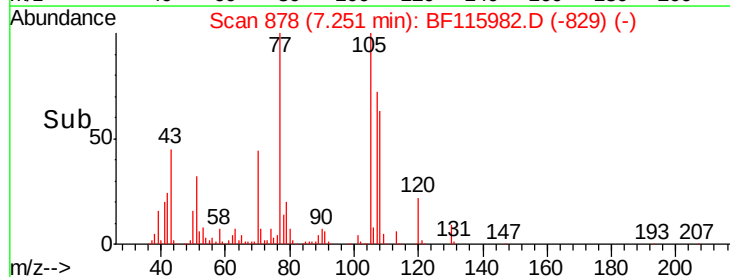
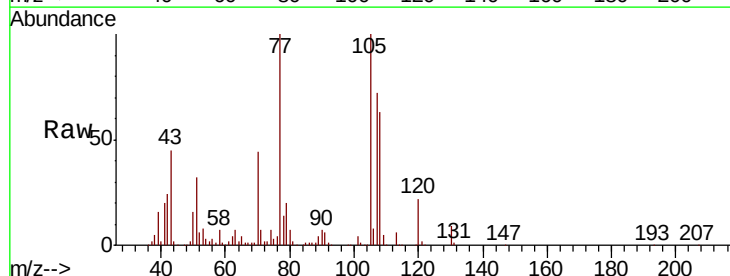
Manual Integrations
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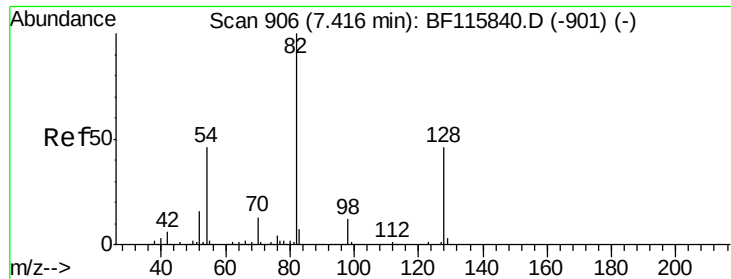
mohammad
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#22
Acetophenone
Concen: 39.982 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	466354		
71	7.3	5.4	8.0	
51	32.4	24.6	36.8	
120	22.2	17.0	25.6	





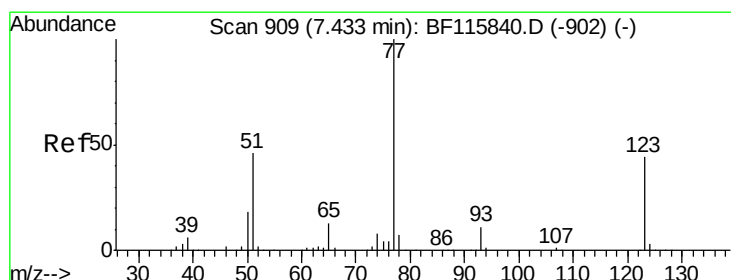
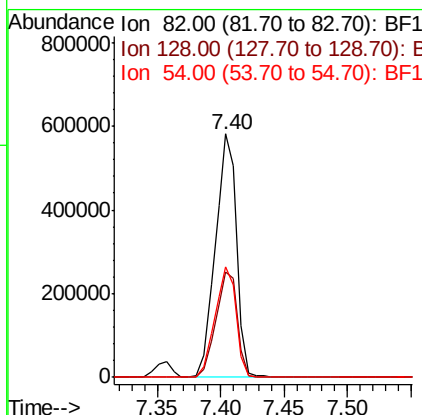
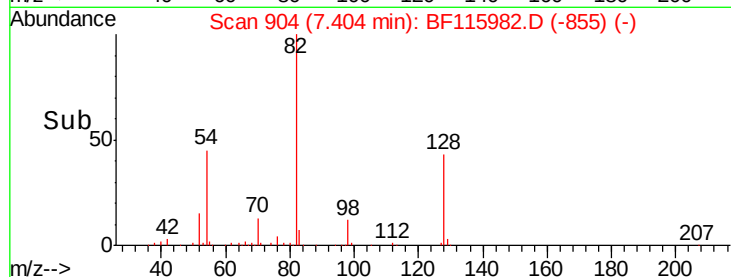
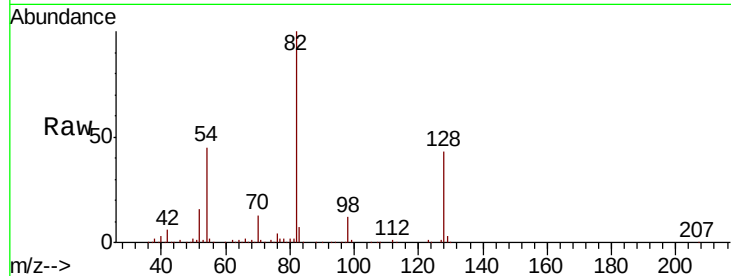
#23
Nitrobenzene-d5
Concen: 73.717 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	679211		
128	43.5	36.6	55.0	
54	45.1	36.6	55.0	

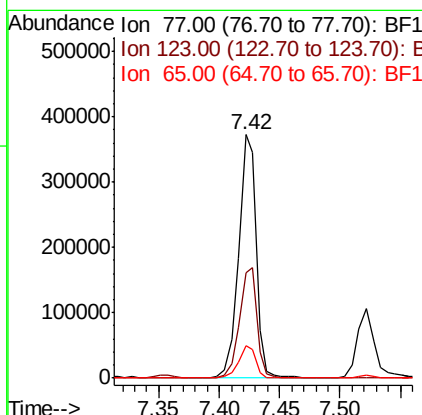
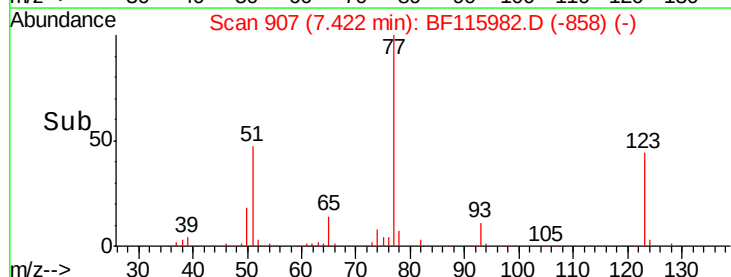
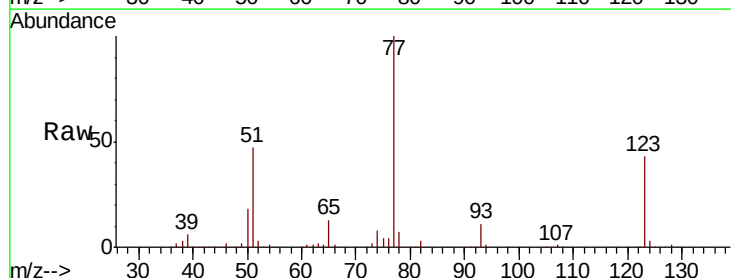
Manual Integrations
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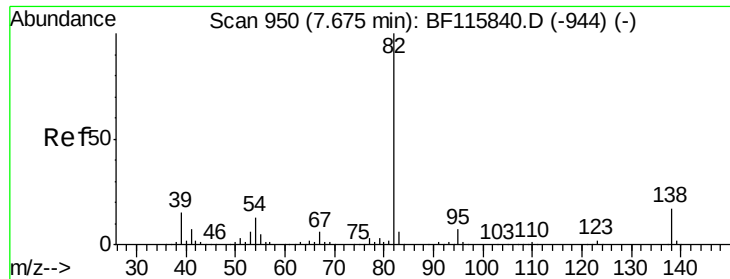
mohammad
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#24
Nitrobenzene
Concen: 37.824 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	376297		
123	43.5	35.5	53.3	
65	13.3	10.6	15.8	





#25

Isophorone

Concen: 37.929 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

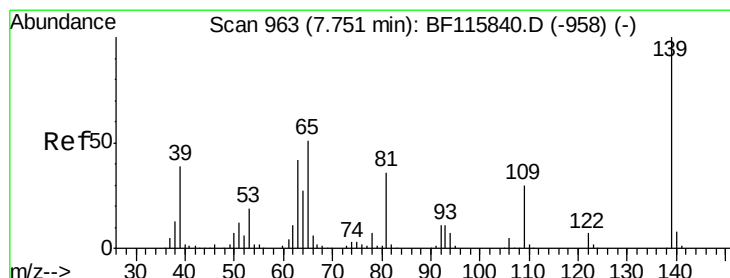
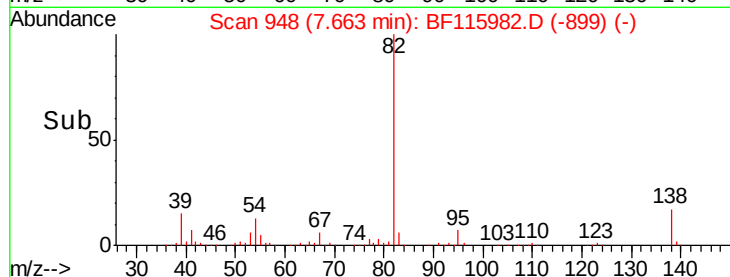
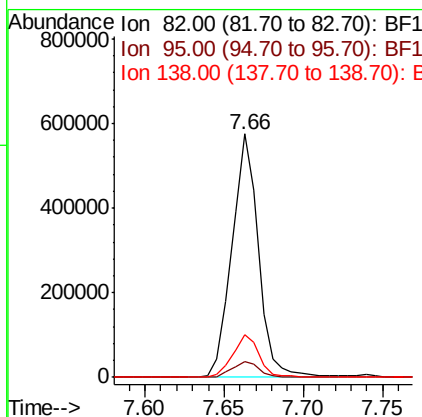
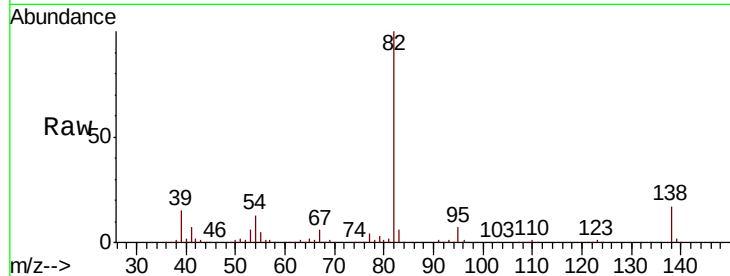
ClientSampleId :

PB121965BS

Tot Ion:	82	Resp:	668239
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	17.5	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.046 ng

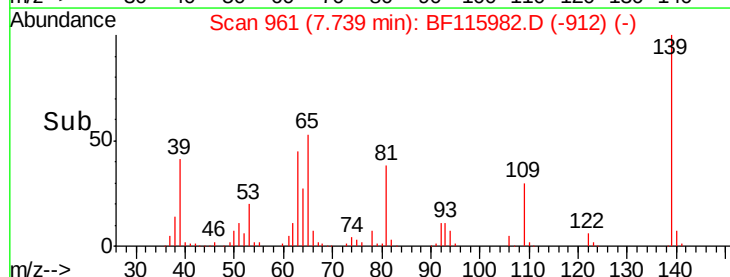
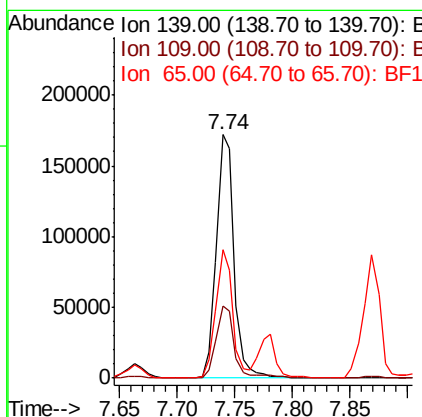
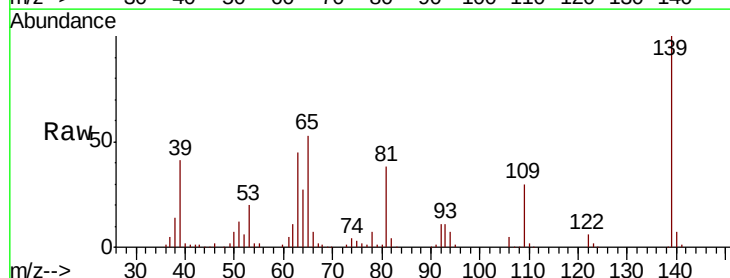
RT: 7.74 min Scan# 961

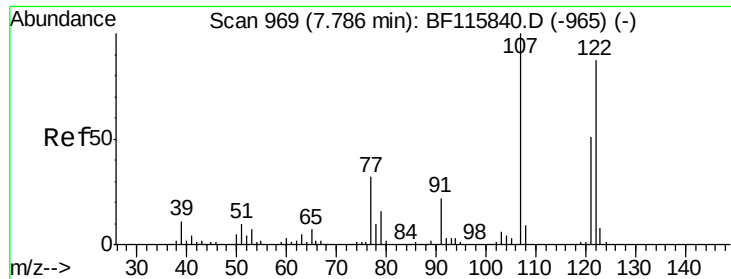
Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:	139	Resp:	183110
Ion Ratio	Lower	Upper	
139	100		
109	29.7	23.6	35.4
65	52.9	40.6	60.8





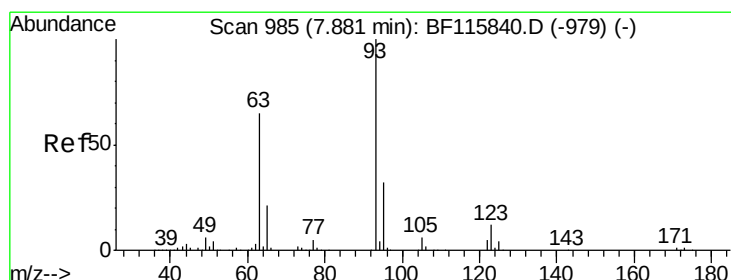
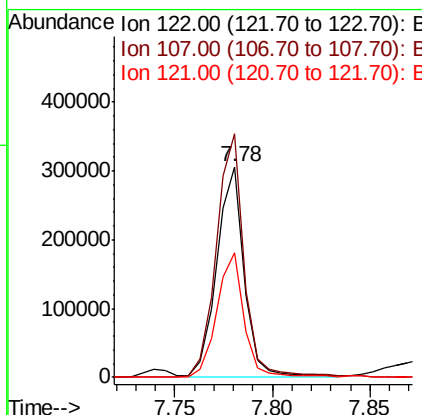
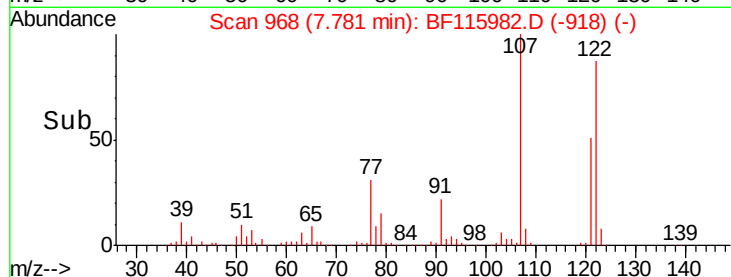
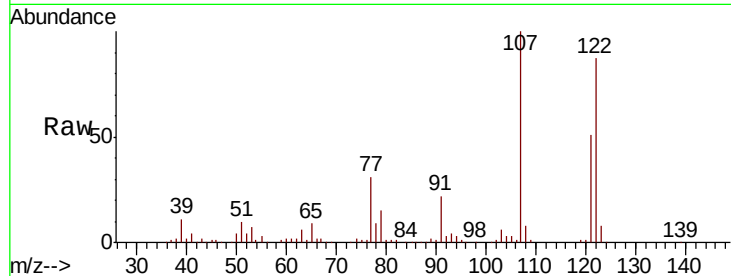
#27
2,4-Dimethylphenol
Concen: 42.442 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	299450		
107	115.6	91.7	137.5	
121	59.3	46.6	70.0	

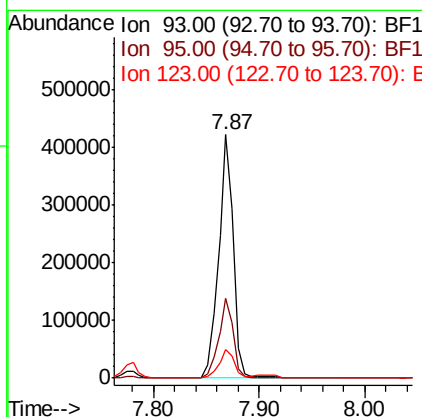
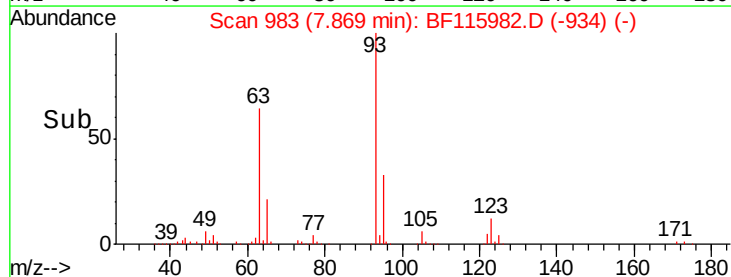
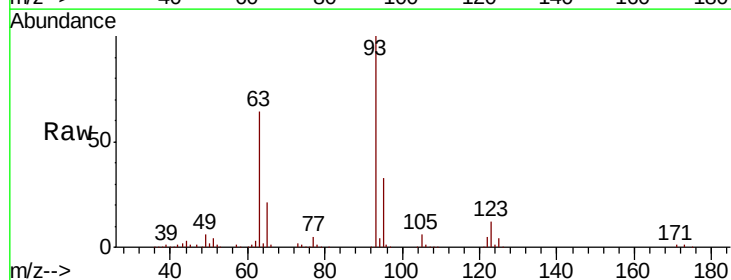
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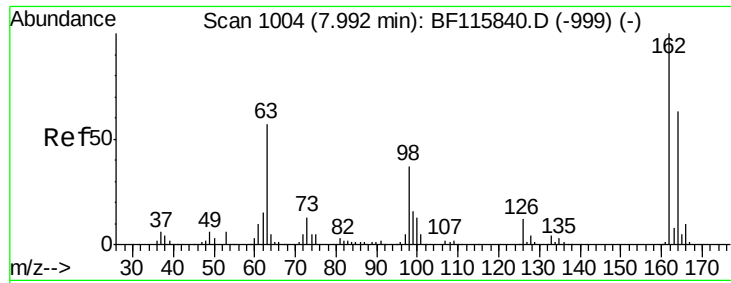
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#28
bis(2-Chloroethoxy)methane
Concen: 37.987 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	414814		
95	32.8	26.0	39.0	
123	11.5	9.5	14.3	





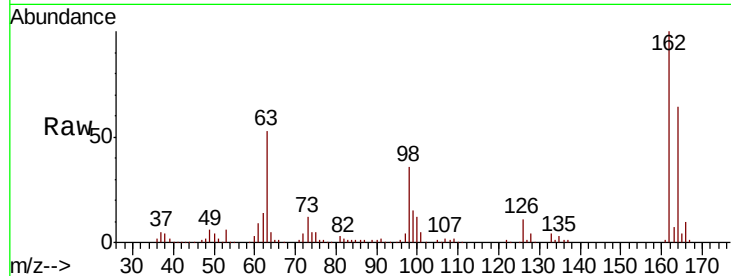
#29
2,4-Dichlorophenol
Concen: 38.682 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	43.2	83.2
98	36.2	17.3	57.3

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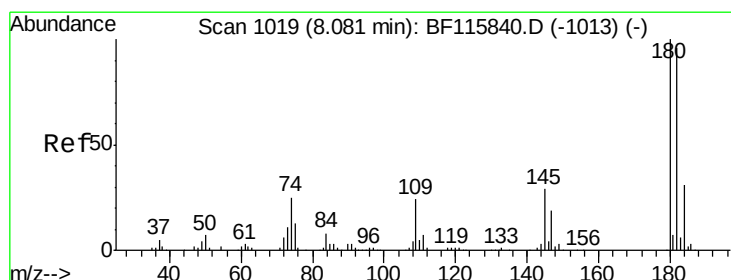
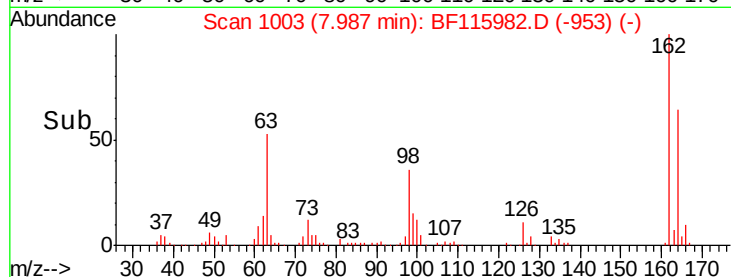
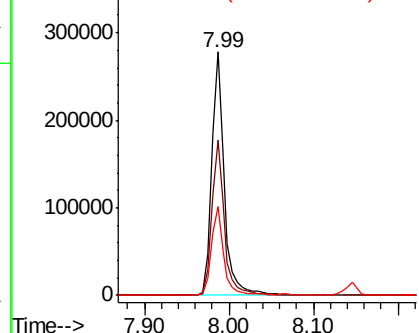


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.719 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

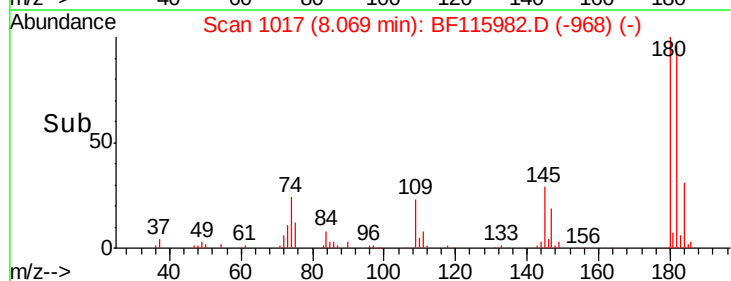
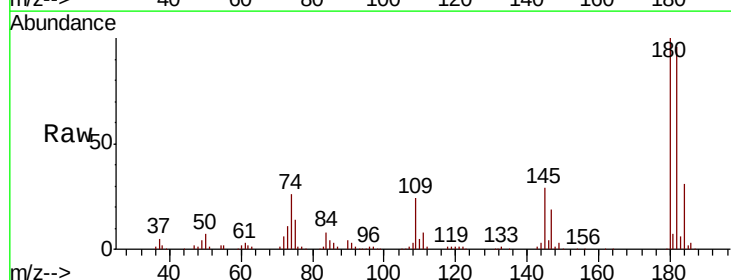
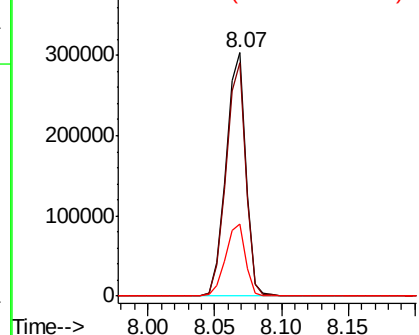
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	76.6	114.8
145	29.4	23.2	34.8

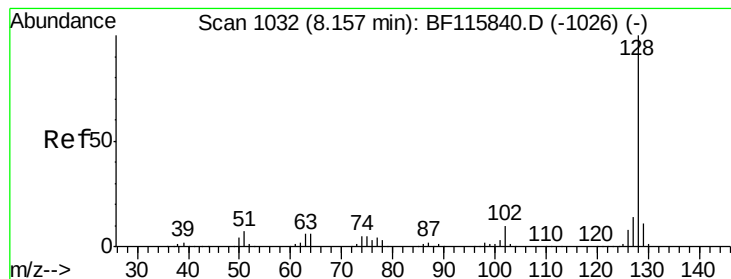
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.434 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

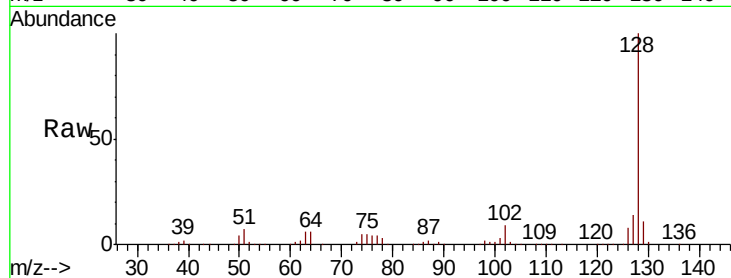
ClientSampleId :

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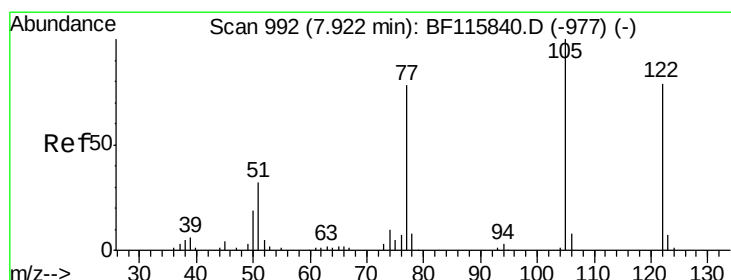
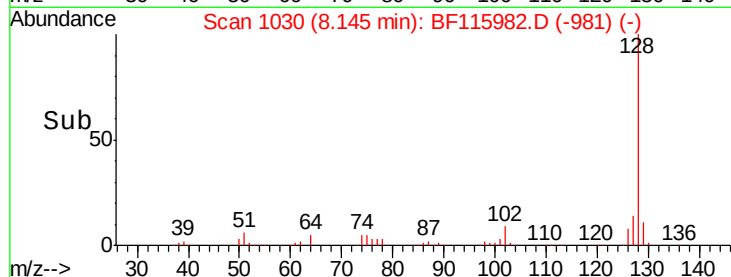
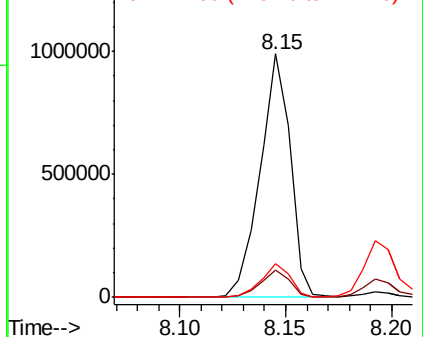
Tot Ion:	128	Resp:	986929
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.2	13.8
127	13.7	11.0	16.4

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



#32

Benzoic acid

Concen: 34.234 ng

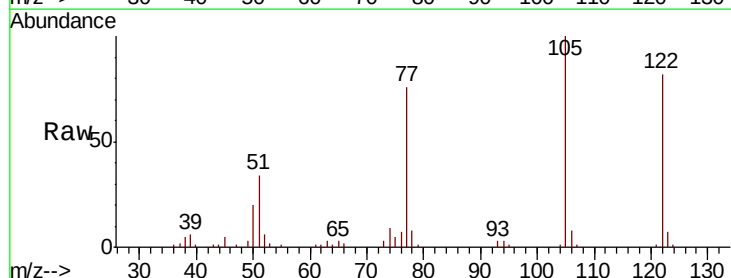
RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

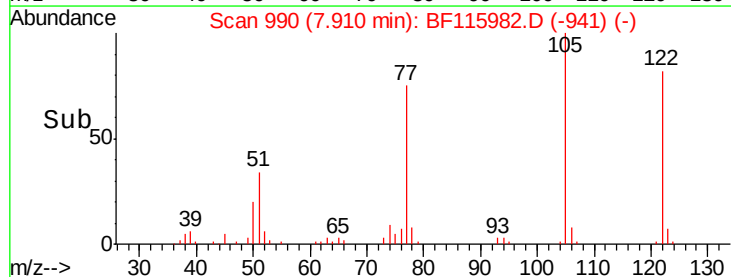
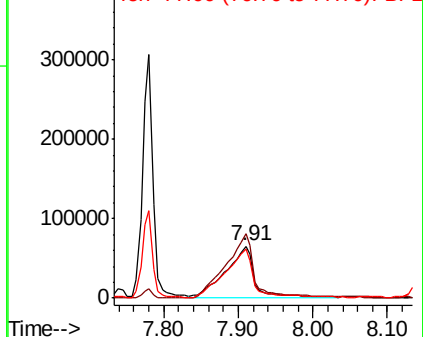
Lab File: BF115982.D

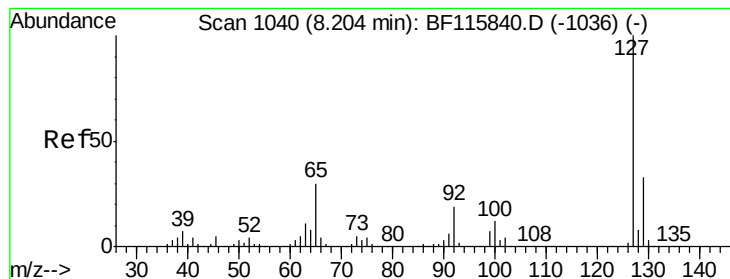
Acq: 5 Aug 2019 16:24

Tgt Ion:	122	Resp:	170289
Ion Ratio	Lower	Upper	
122	100		
105	122.5	103.1	143.1
77	93.3	76.8	116.8



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





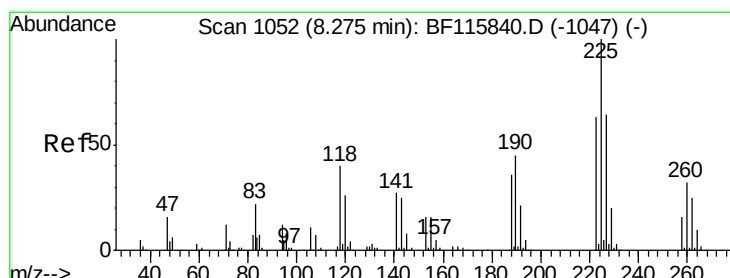
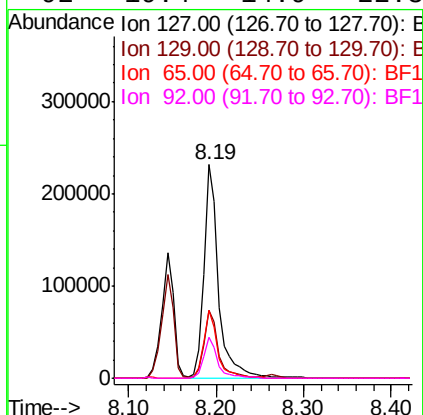
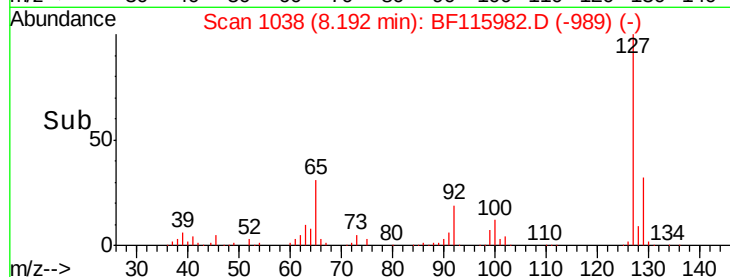
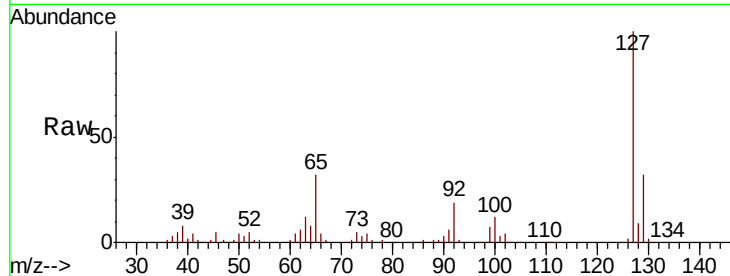
#33
4-Chloroaniline
Concen: 24.158 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	270144		
129	31.7	26.0	39.0	
65	32.0	23.9	35.9	
92	19.4	14.9	22.3	

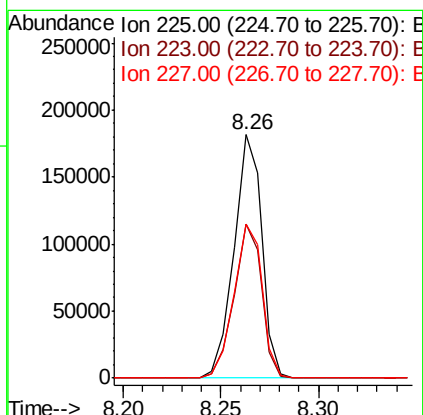
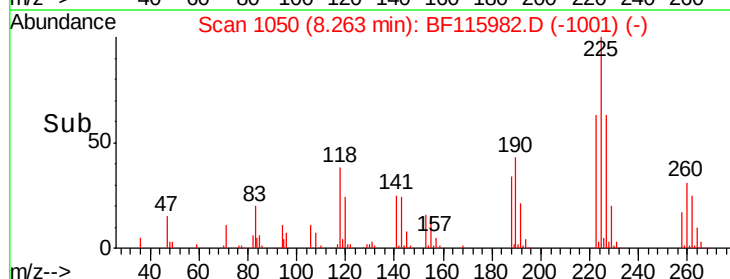
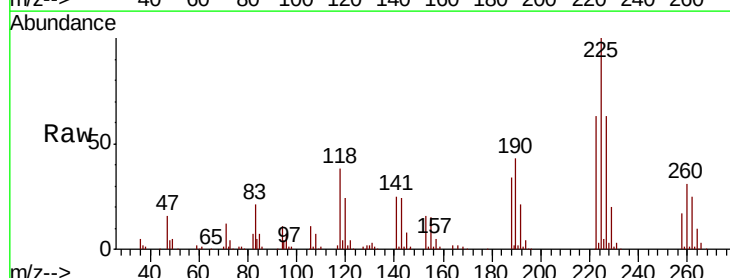
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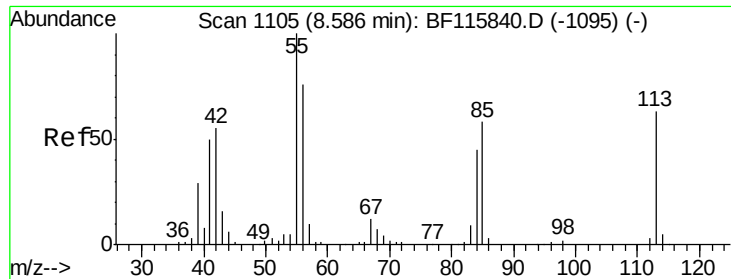
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#34
Hexachlorobutadiene
Concen: 36.583 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178936		
223	63.5	50.4	75.6	
227	63.1	51.6	77.4	





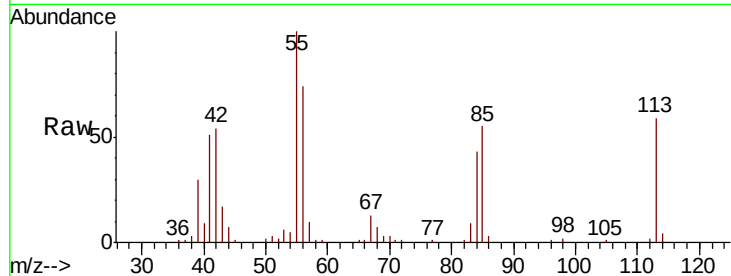
#35
Caprolactam
Concen: 34.683 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.03 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

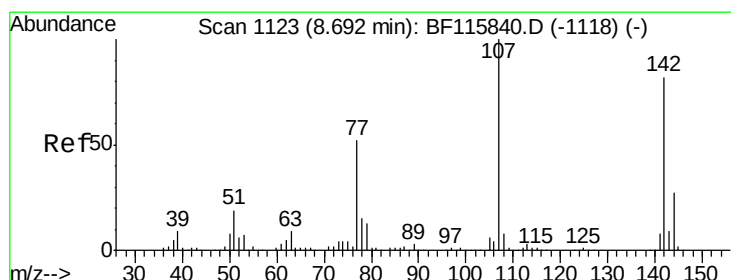
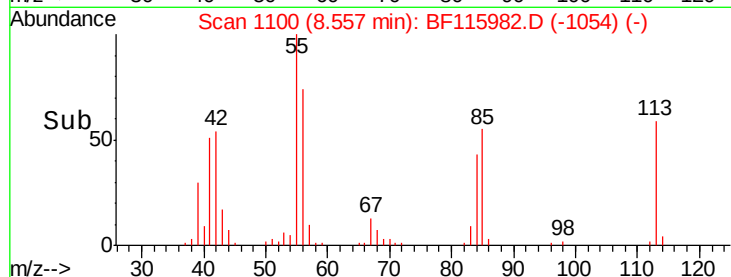
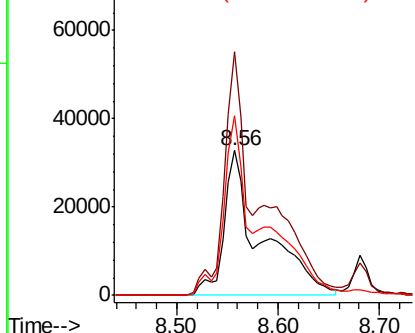
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	168.4	138.1	178.1		
56	124.4	100.6	140.6		

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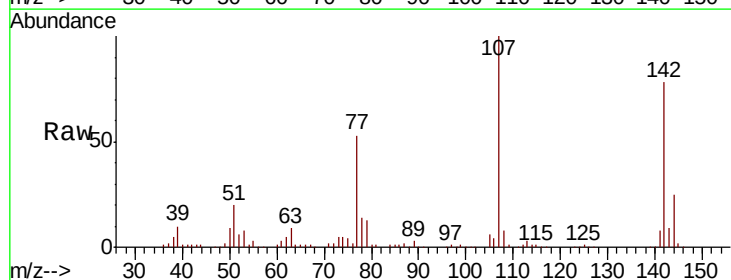


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

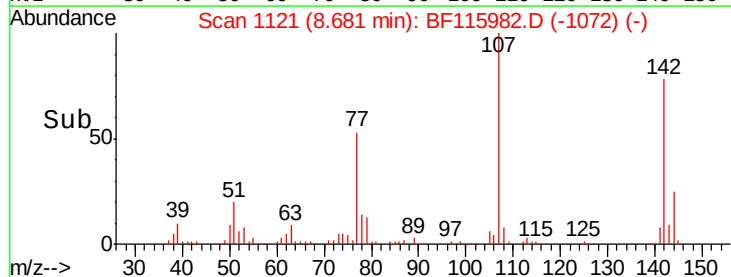
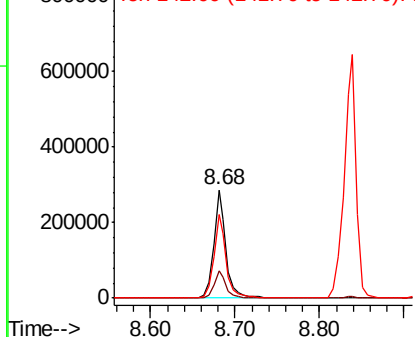


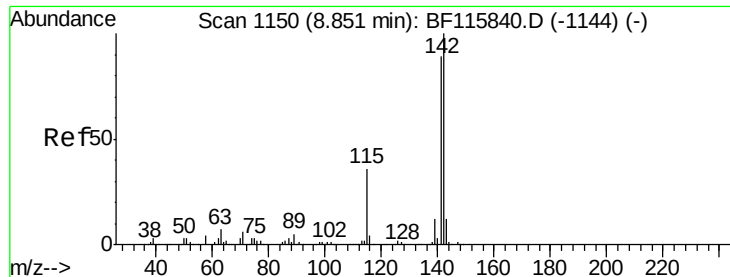
#36
4-Chloro-3-methylphenol
Concen: 38.182 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.7	21.4	32.0		
142	77.9	65.5	98.3		



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.554 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

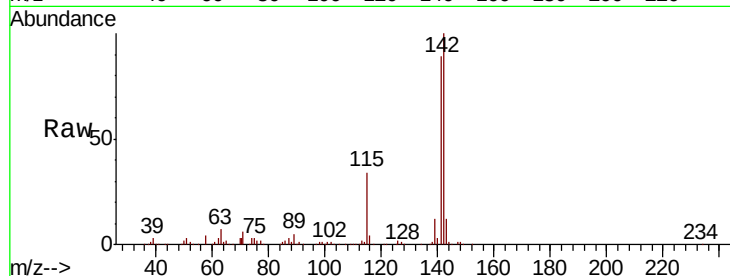
ClientSampleId :

PB121965BS

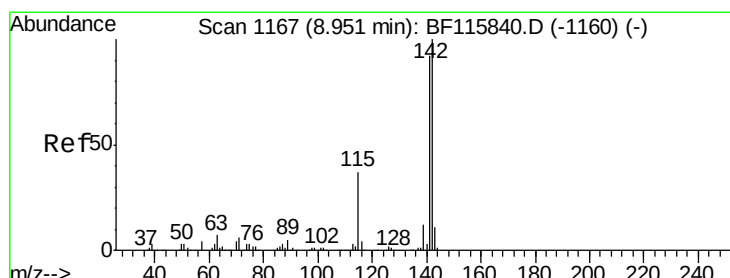
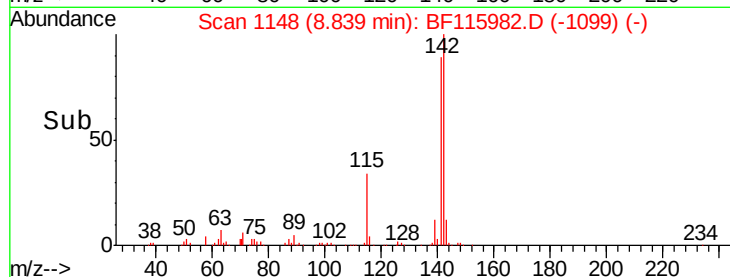
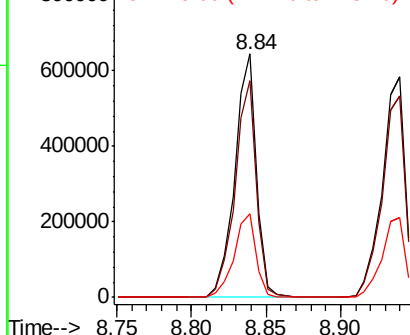
Tot Ion:	142	Resp:	651959
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.4	107.2
115	34.2	28.9	43.3

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.456 ng

RT: 8.94 min Scan# 1165

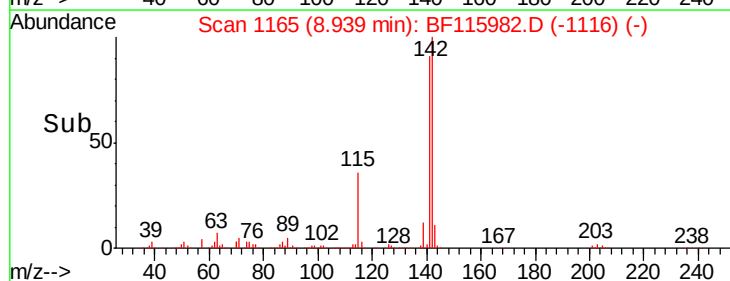
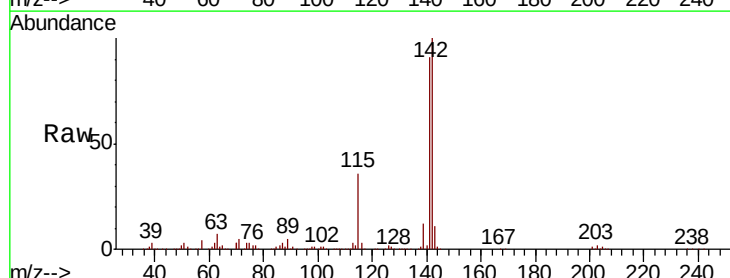
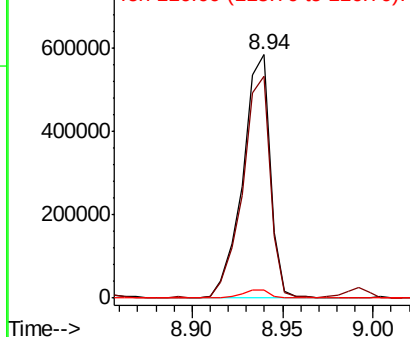
Delta R.T. -0.01 min

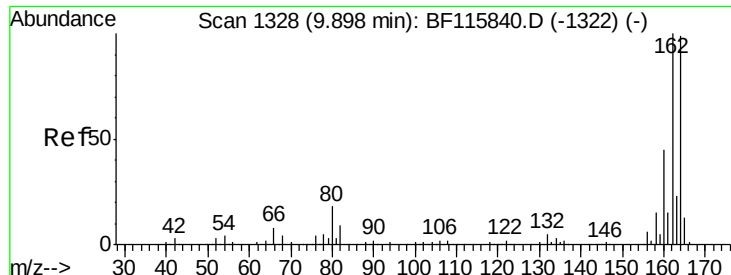
Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:	142	Resp:	615248
Ion Ratio	Lower	Upper	
142	100		
141	90.9	73.8	110.6
116	3.5	3.1	4.7

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

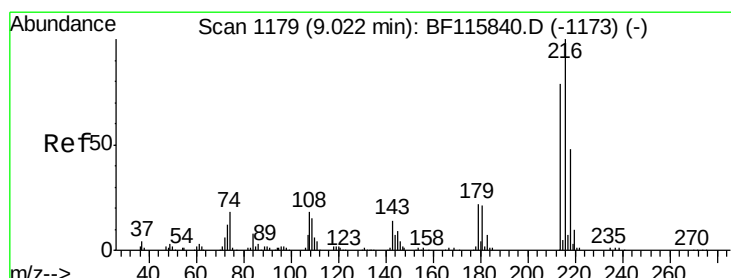
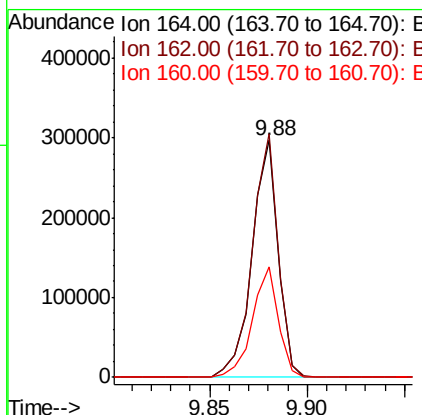
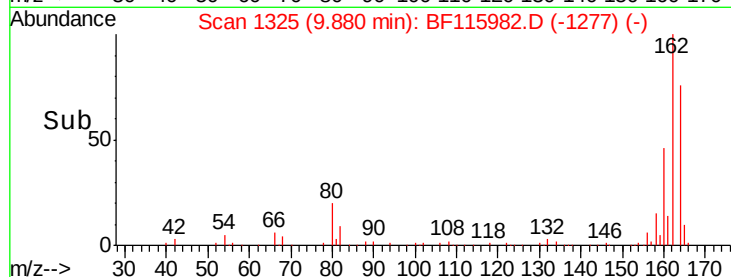
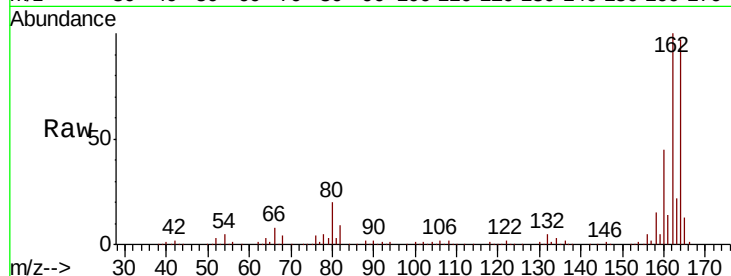
ClientSampleId :

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Tot Ion:	164	Resp:	275113
Ion Ratio	Lower	Upper	
164	100		
162	102.7	80.8	121.2
160	46.5	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.421 ng

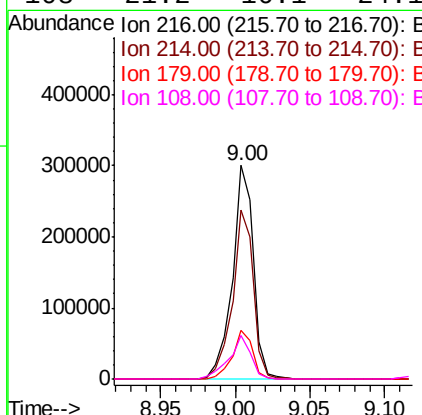
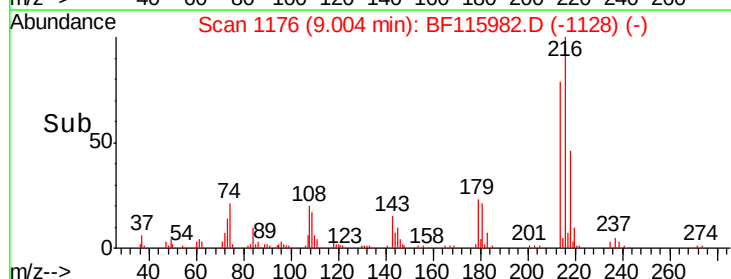
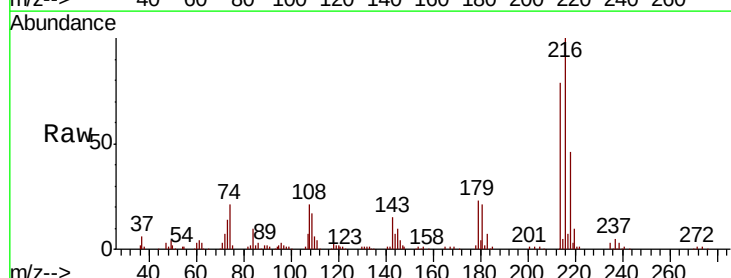
RT: 9.00 min Scan# 1176

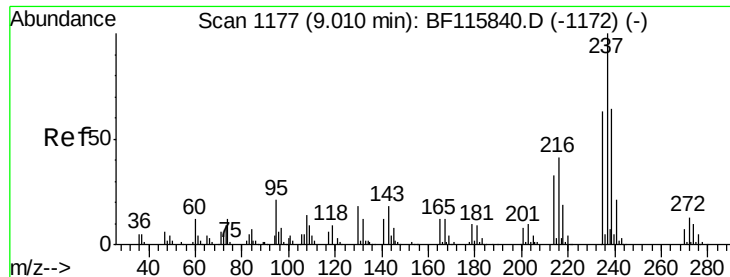
Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:	216	Resp:	297289
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.8	94.2
179	22.0	17.6	26.4
108	21.2	16.1	24.1





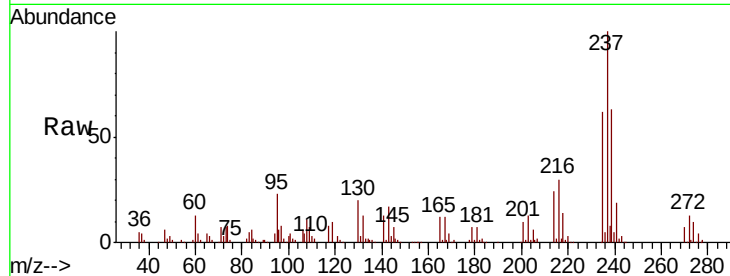
#41
Hexachlorocyclopentadiene
Concen: 53.704 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

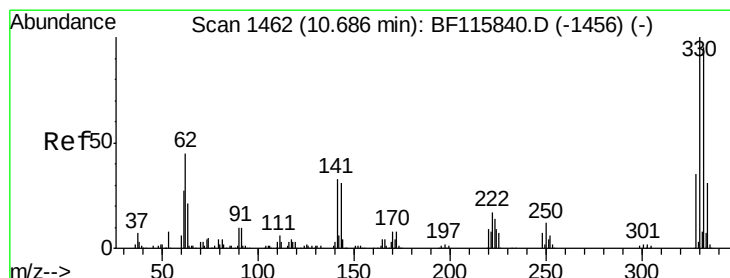
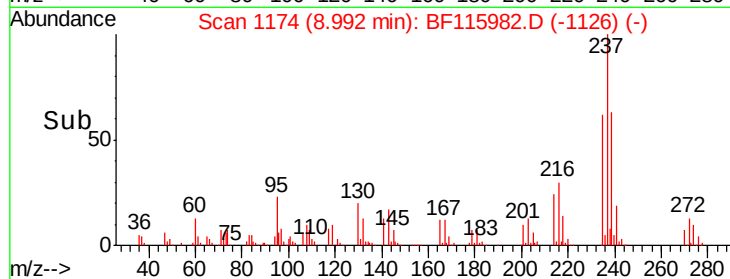
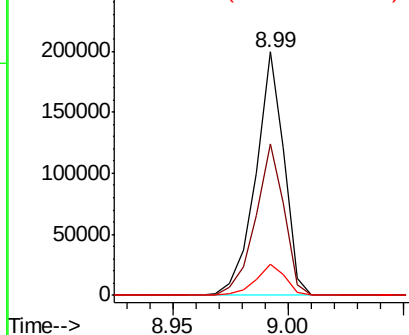
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.3	42.5	82.5	
272	12.9	0.0	33.3	

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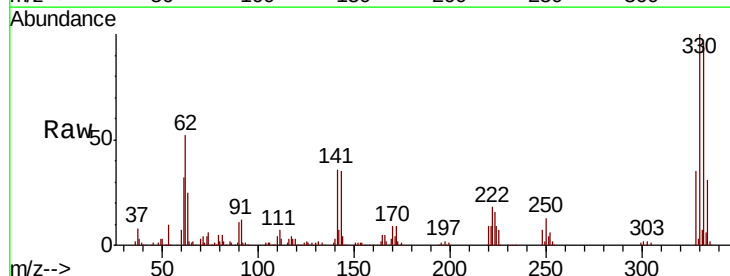


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

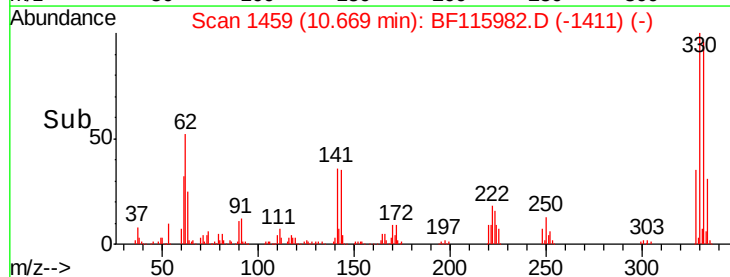
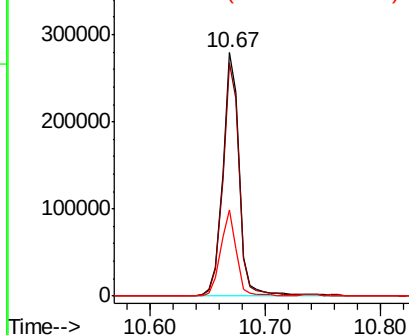


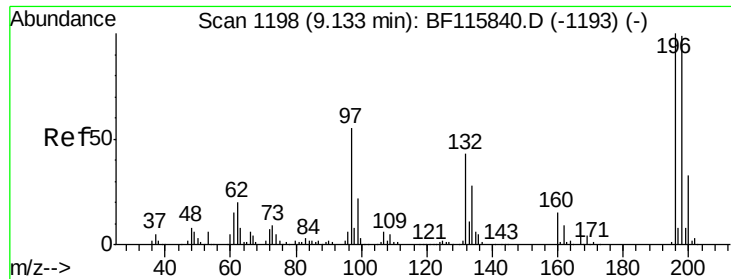
#42
2,4,6-Tribromophenol
Concen: 103.821 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.7	116.5	
141	34.2	28.1	42.1	



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





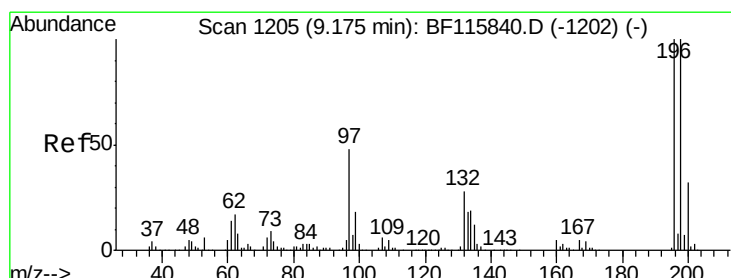
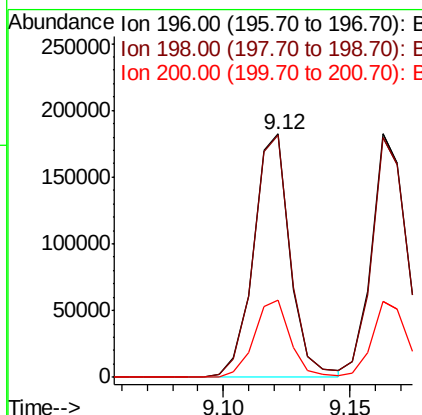
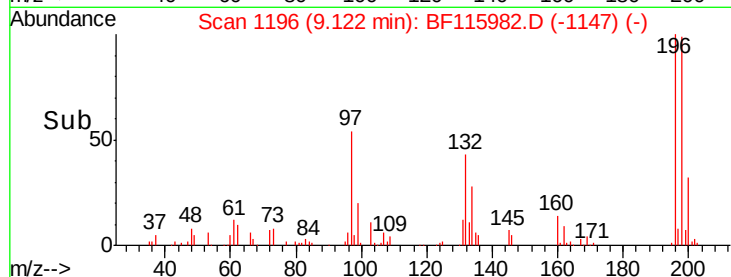
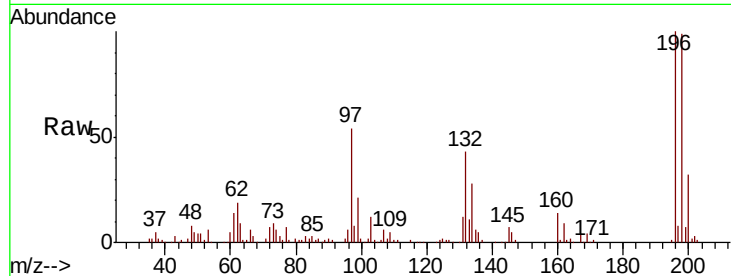
#43
 2,4,6-Trichlorophenol
 Concen: 36.430 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleID :
 PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184427		
198	99.4	79.1	118.7	
200	32.0	26.0	39.0	

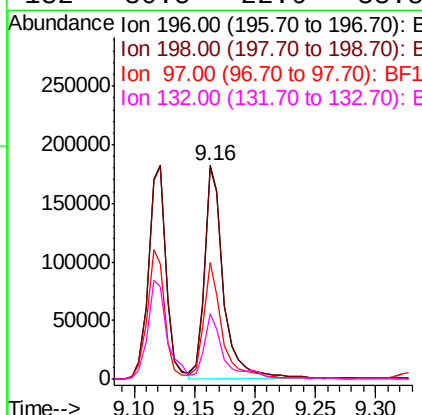
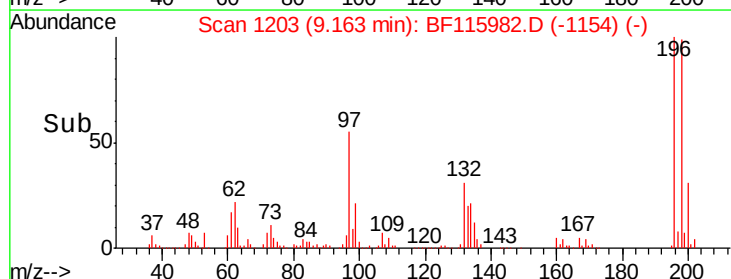
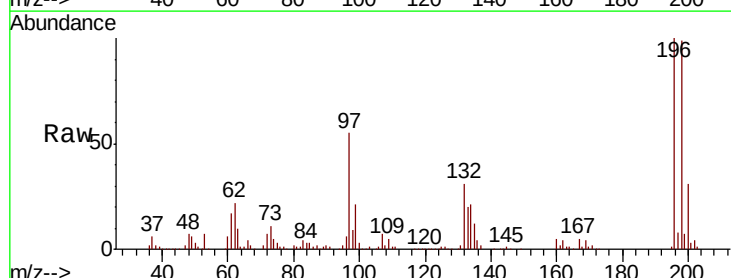
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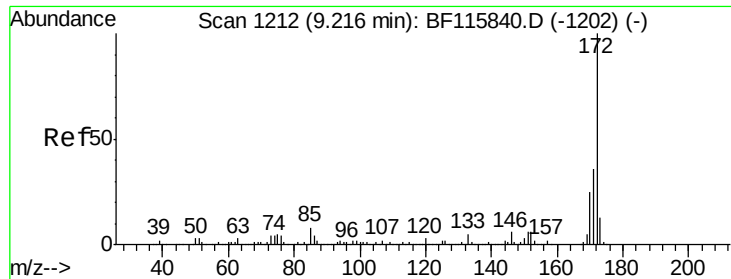
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#44
 2,4,5-Trichlorophenol
 Concen: 37.685 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197209		
198	98.8	80.1	120.1	
97	54.7	38.9	58.3	
132	30.5	22.6	33.8	





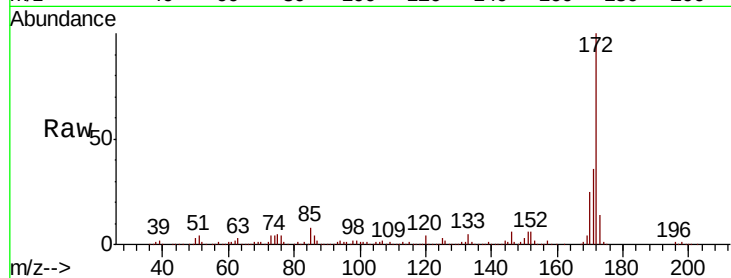
#45
2-Fluorobiphenyl
Concen: 82.392 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

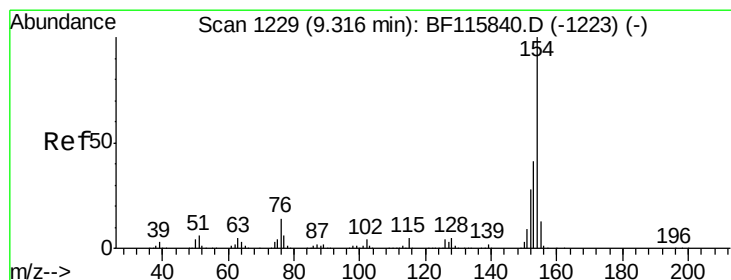
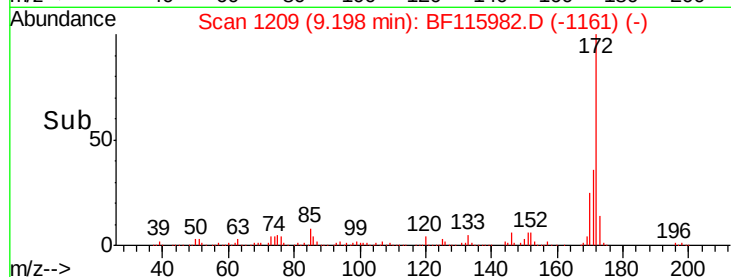
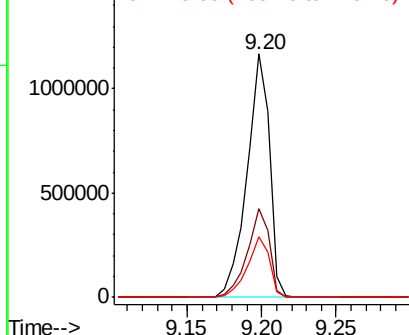
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	25.0	20.1	30.1

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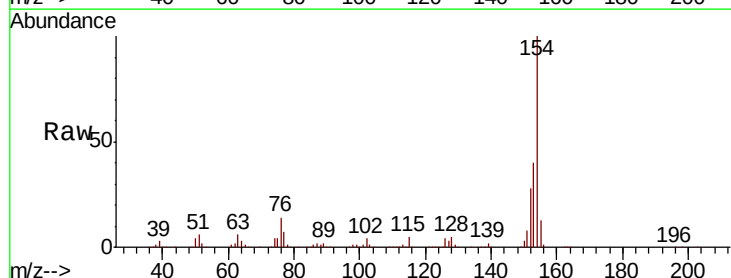


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

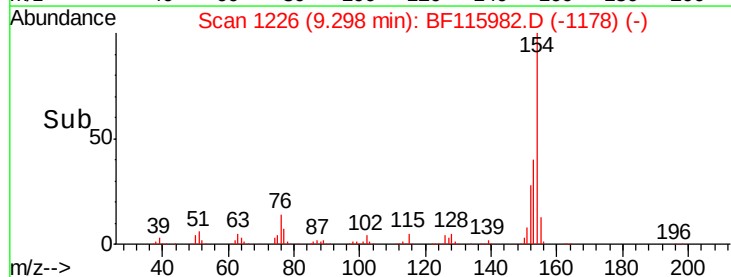
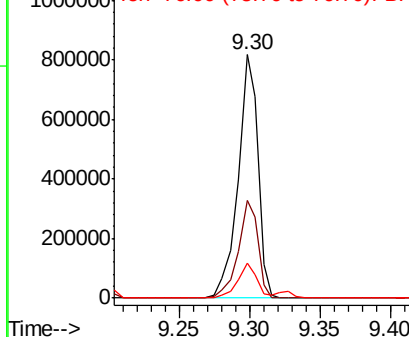


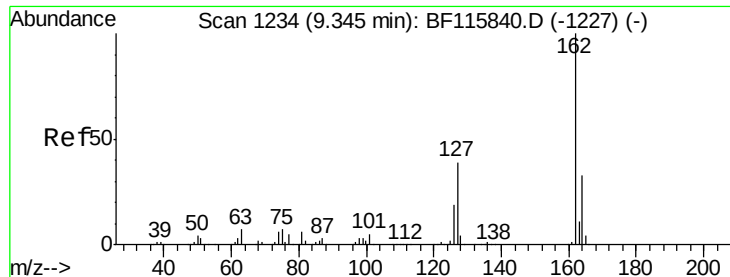
#46
1,1'-Biphenyl
Concen: 41.102 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.9	60.9
76	14.3	0.0	34.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





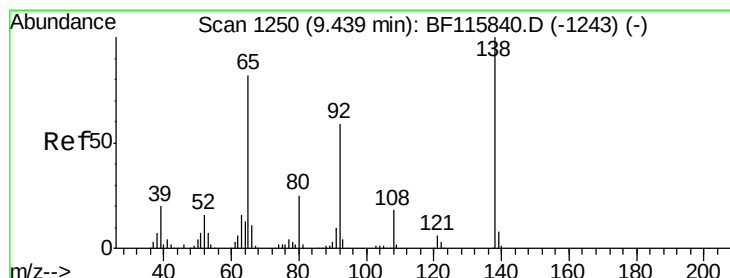
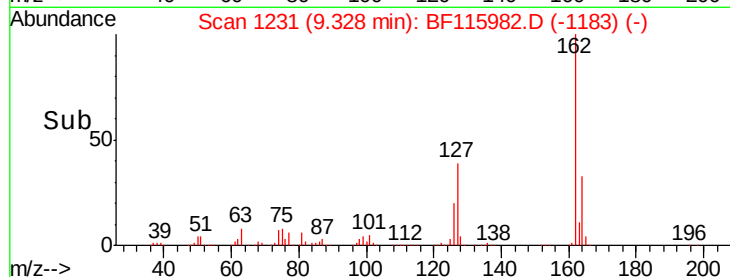
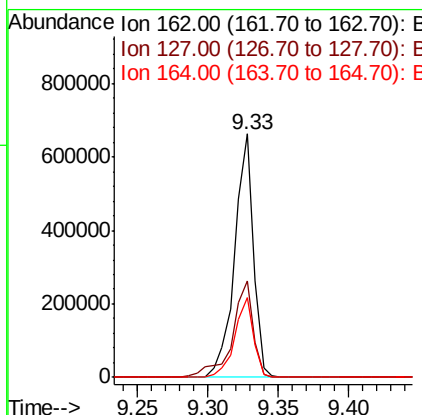
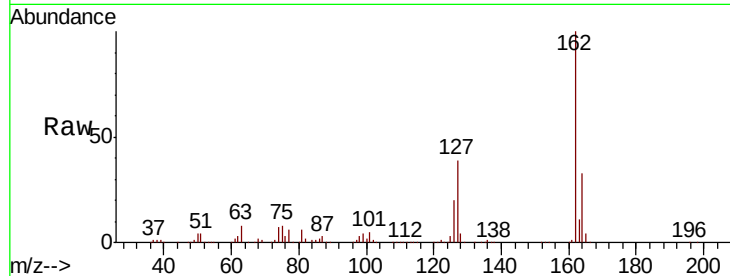
#47
2-Chloronaphthalene
Concen: 38.010 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.4	31.3	46.9		
164	32.9	26.6	40.0		

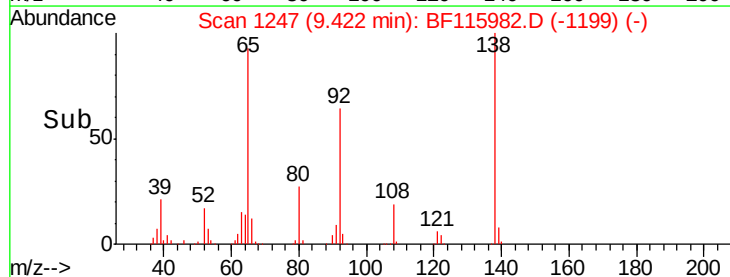
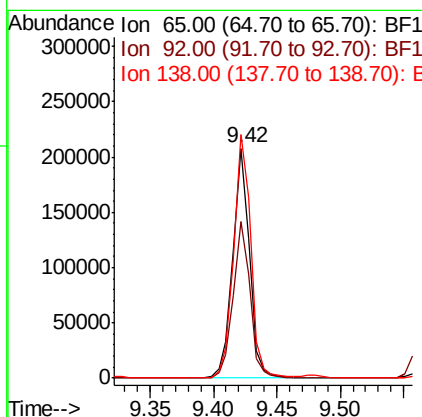
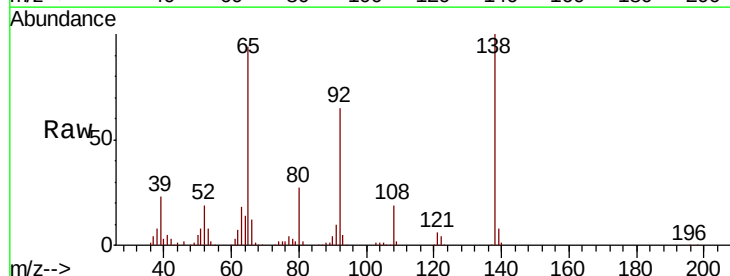
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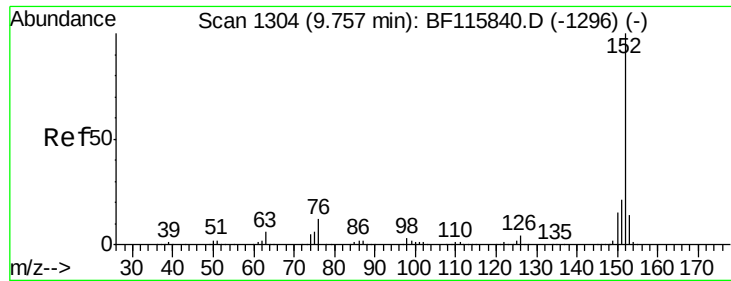
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#48
2-Nitroaniline
Concen: 35.152 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.4	57.1	85.7		
138	105.9	97.1	145.7		





#49

Acenaphthylene

Concen: 39.628 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

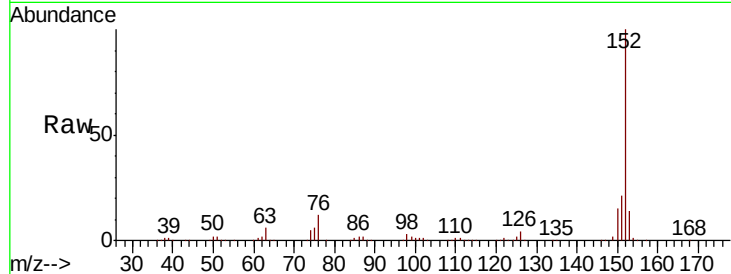
ClientSampleId :

PB121965BS

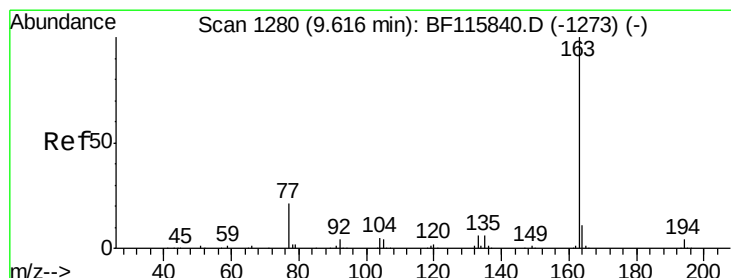
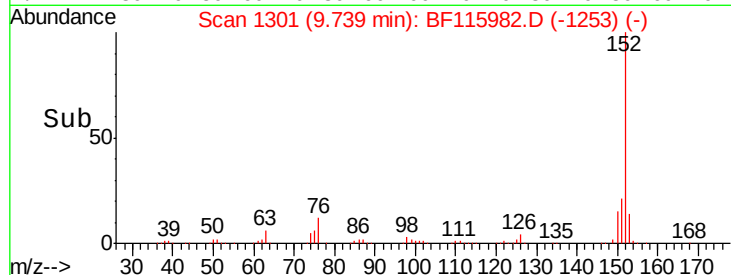
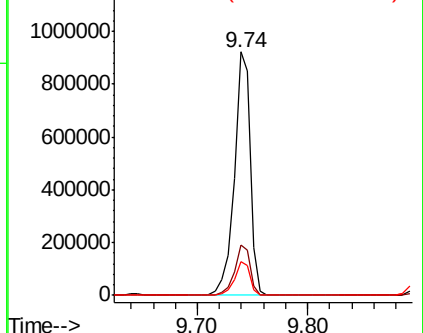
Tot Ion:	152	Resp:	934598
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	14.1	11.6	17.4

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



#50

Dimethylphthalate

Concen: 37.784 ng

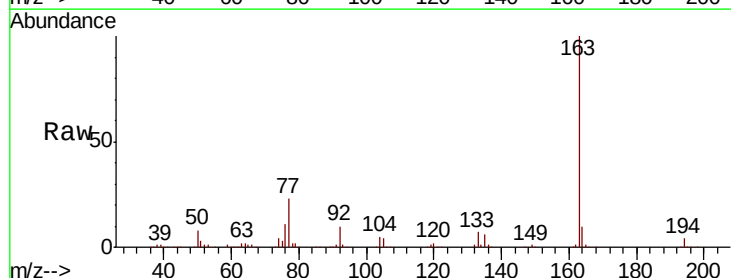
RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

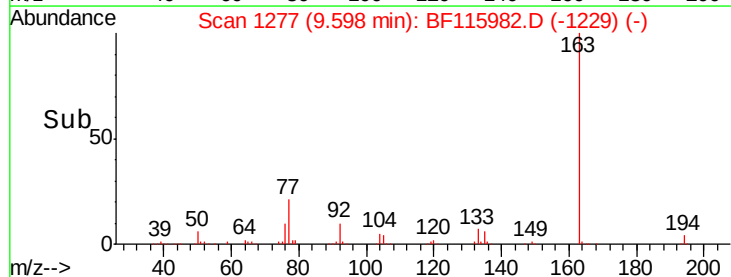
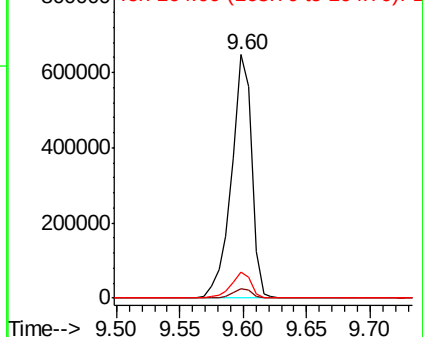
Lab File: BF115982.D

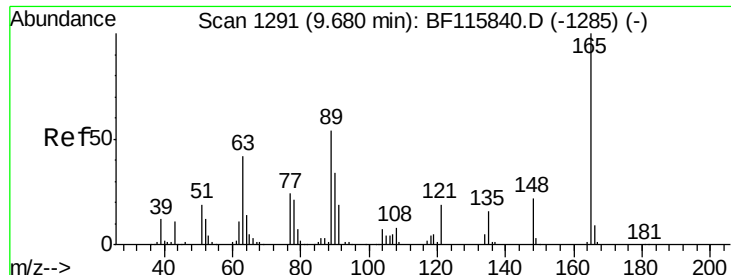
Acq: 5 Aug 2019 16:24

Tgt Ion:	163	Resp:	707777
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	10.4	8.4	12.6



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





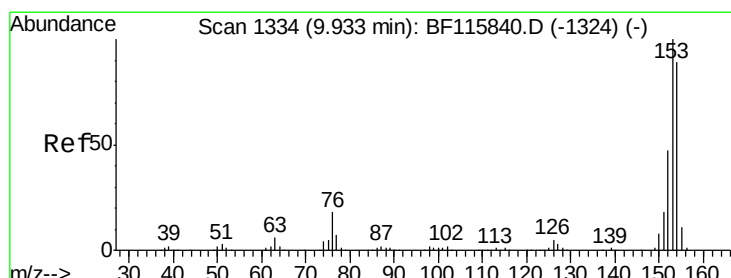
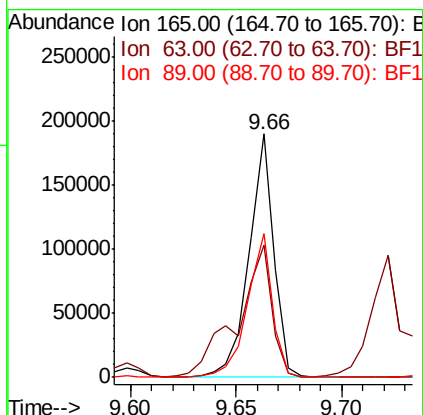
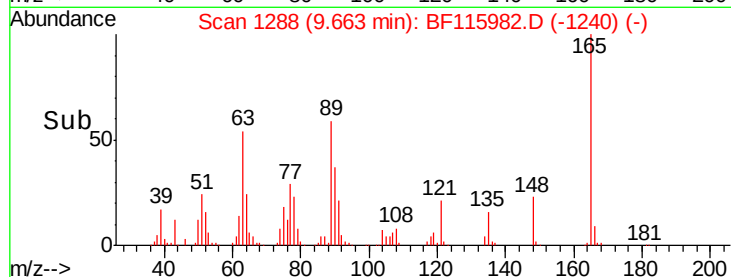
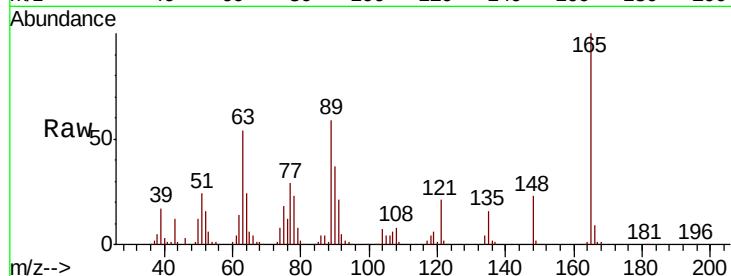
#51
 2,6-Dinitrotoluene
 Concen: 38.294 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleID :
 PB121965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		155886		
63	54.2	39.4	59.2		
89	59.2	43.0	64.6		

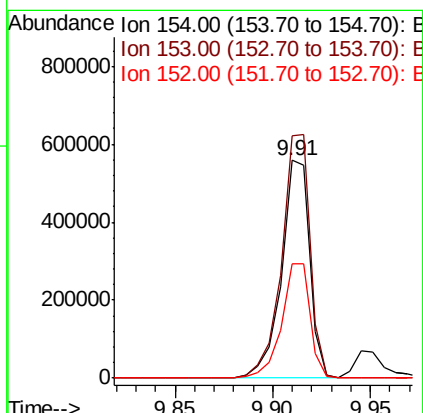
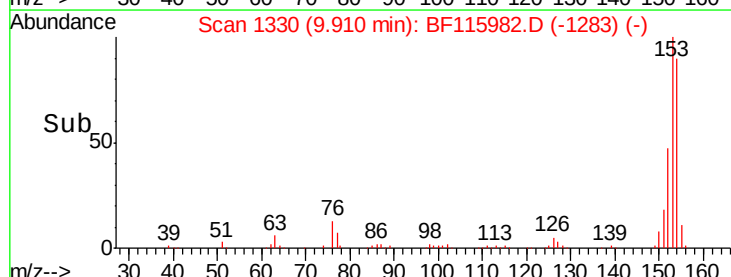
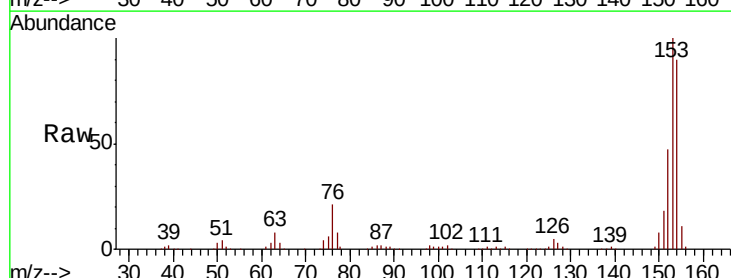
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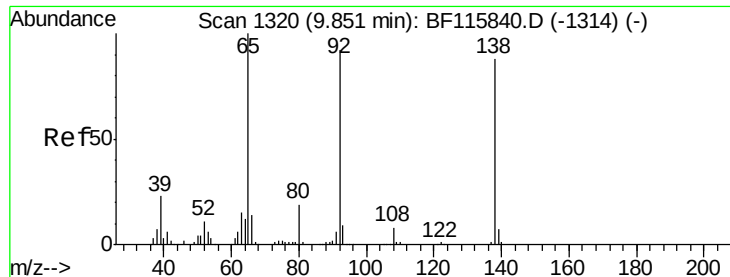
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#52
 Acenaphthene
 Concen: 38.763 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		560842		
153	111.3	90.1	135.1		
152	52.5	42.6	63.8		





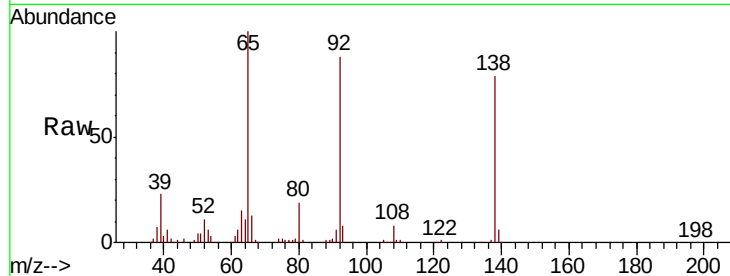
#53
3-Nitroaniline
Concen: 23.367 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

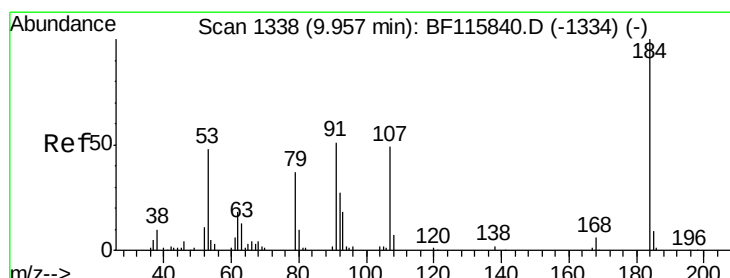
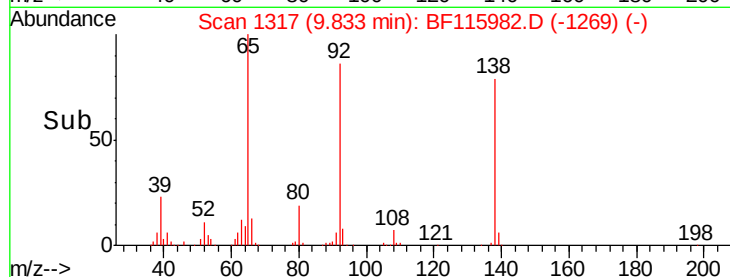
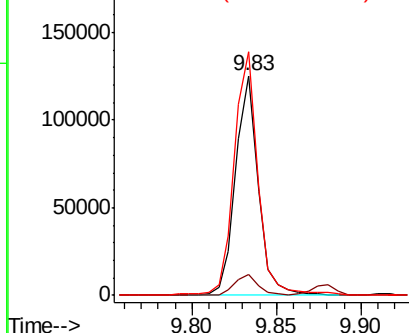
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	111.0	83.9	125.9

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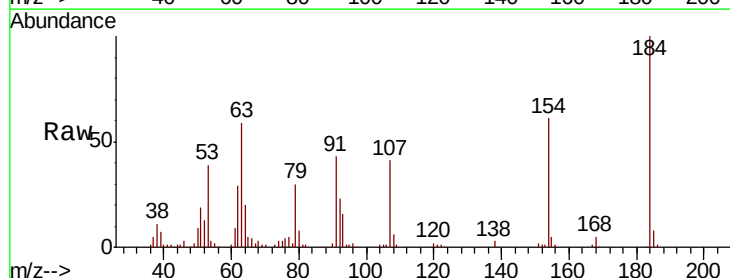


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

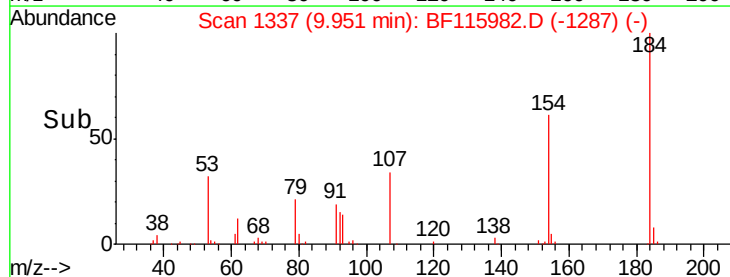
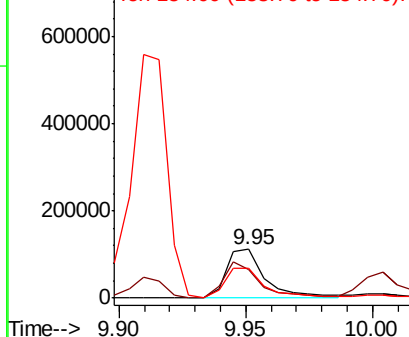


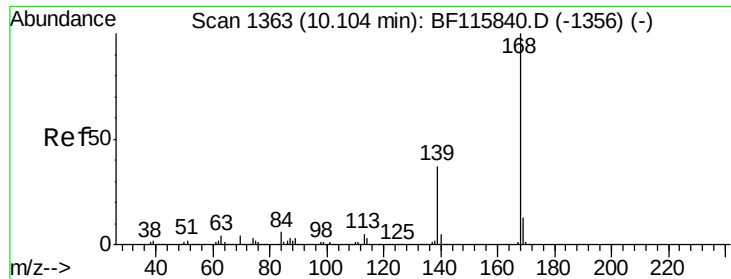
#54
2,4-Dinitrophenol
Concen: 60.840 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	56.7	85.1
154	61.1	51.9	77.9



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





#55

Dibenzenofuran

Concen: 40.089 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

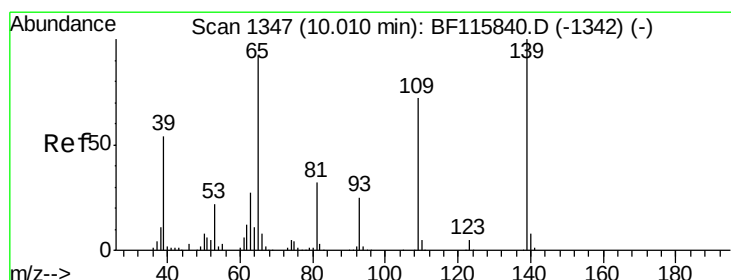
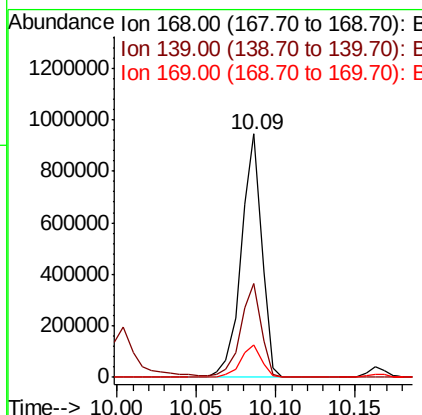
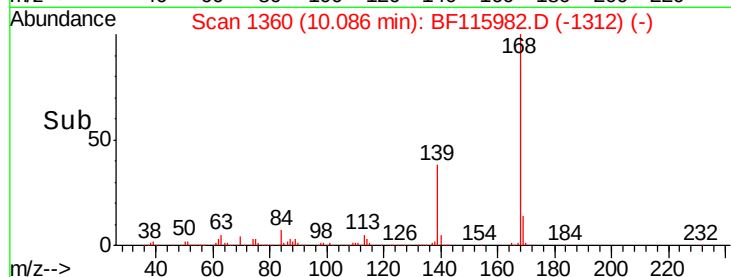
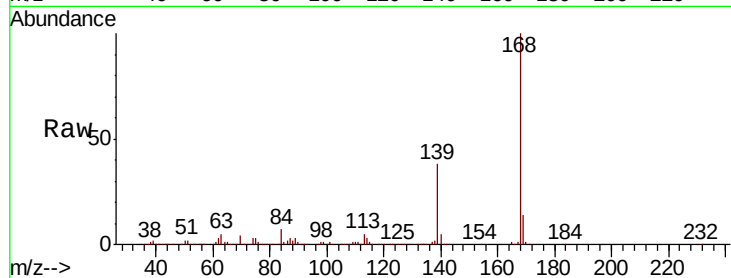
ClientSampleId :

PB121965BS

Tot Ion:	168	Resp:	843507
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.2	45.2
169	13.5	10.8	16.2

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#56

4-Nitrophenol

Concen: 65.845 ng

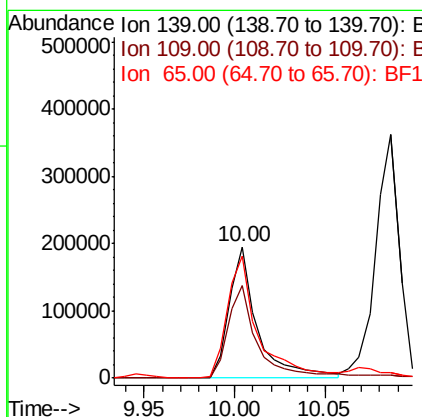
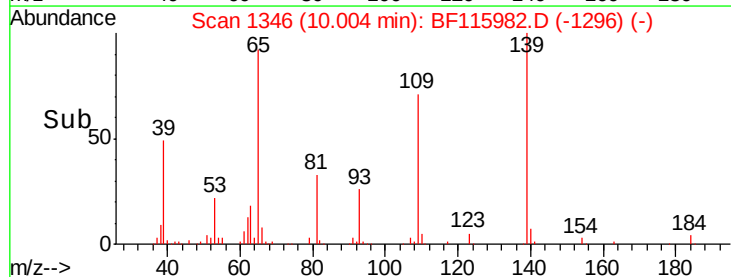
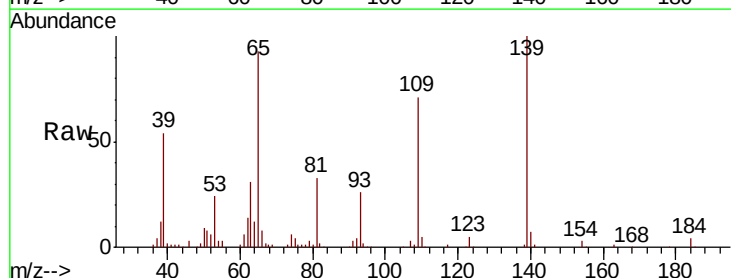
RT: 10.00 min Scan# 1346

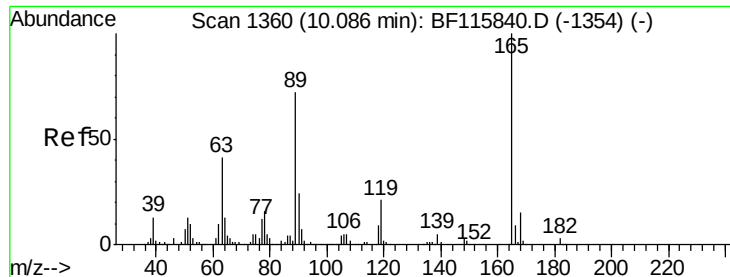
Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:	139	Resp:	212168
Ion Ratio	Lower	Upper	
139	100		
109	70.9	52.0	92.0
65	93.2	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 37.617 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

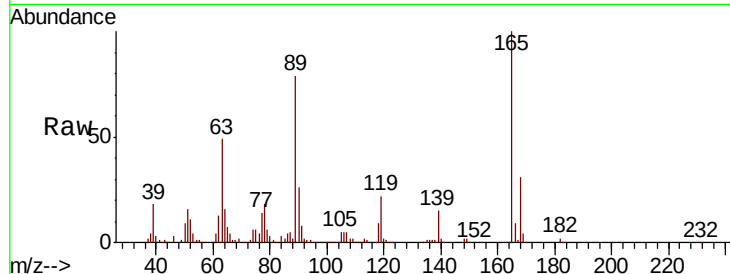
ClientSampleId :

PB121965BS

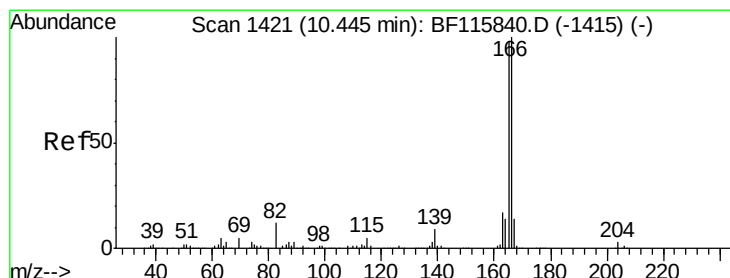
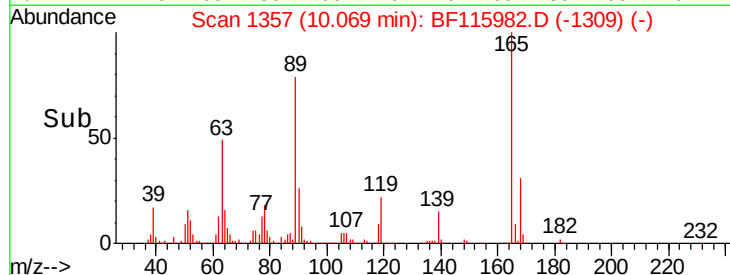
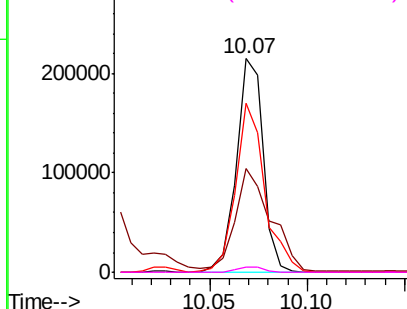
Tot Ion	Ratio	Resp	Lower	Upper
165	100	203884		
63	48.6		33.2	49.8
89	79.1		57.3	85.9
182	2.3		2.1	3.1

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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
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.539 ng

RT: 10.43 min Scan# 1418

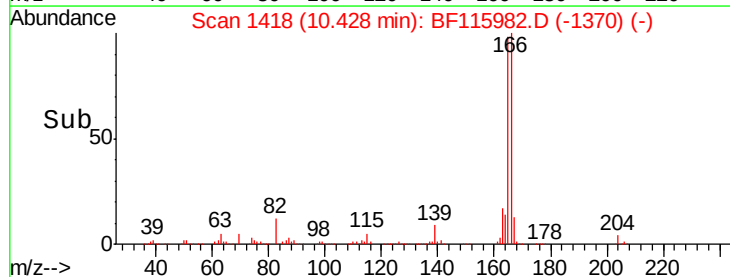
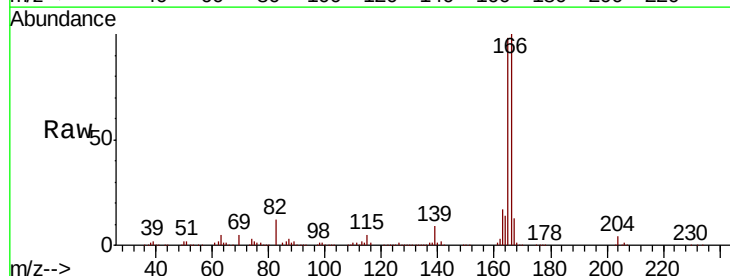
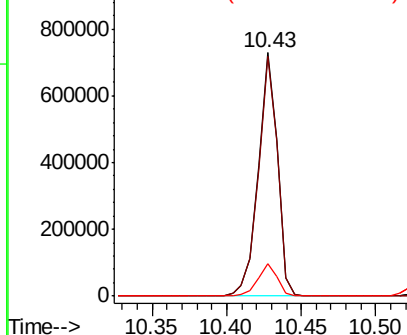
Delta R.T. -0.02 min

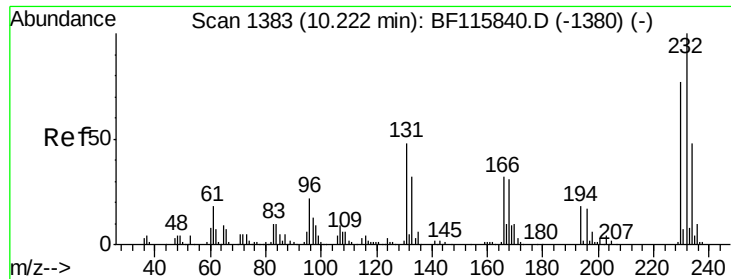
Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	640073		
165	98.4		78.6	118.0
167	13.5		10.9	16.3

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





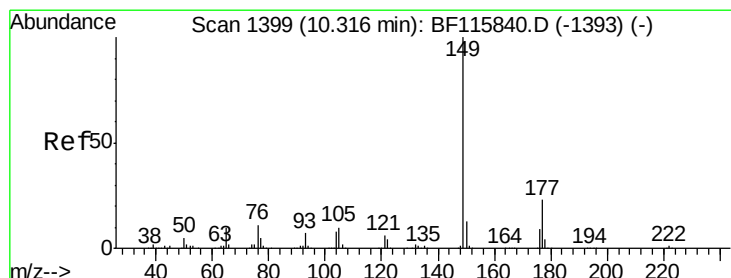
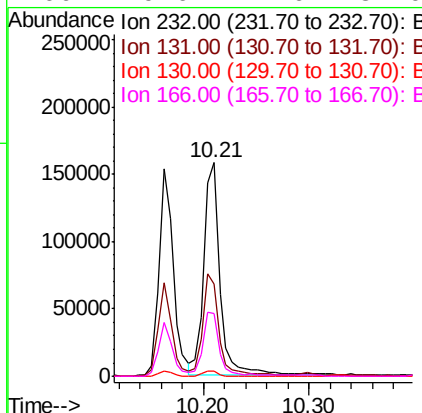
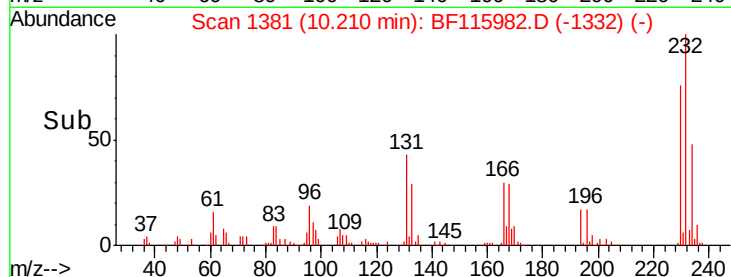
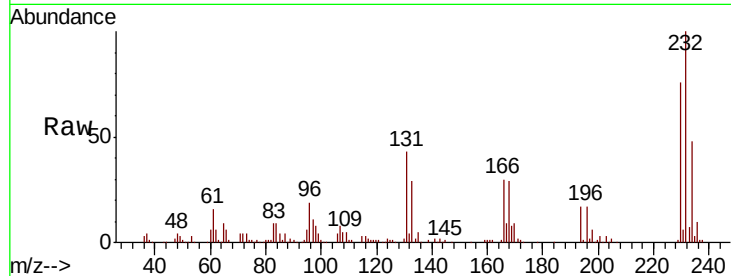
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.082 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		167661		
131	46.1	37.6	56.4		
130	2.4	1.8	2.8		
166	29.6	24.6	37.0		

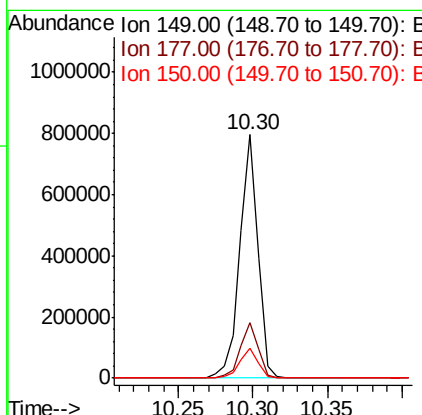
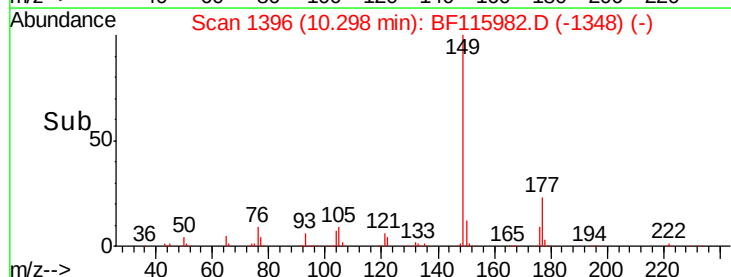
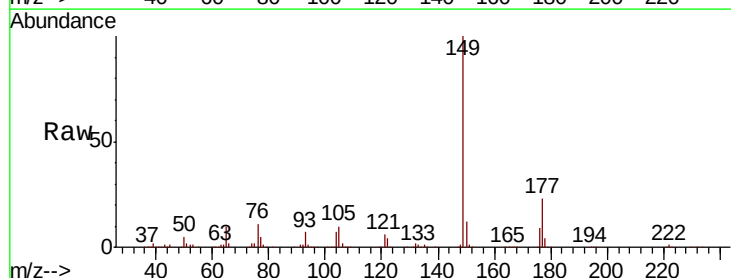
Manual Integrations
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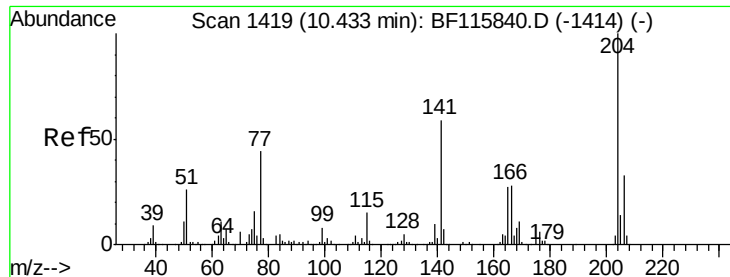
mohammad
 8/8/2019 4:45:43 PM



#60
 Diethylphthalate
 Concen: 38.681 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		676490		
177	22.7	18.4	27.6		
150	12.5	10.1	15.1		





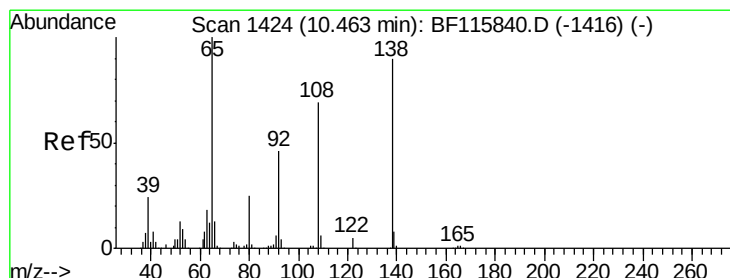
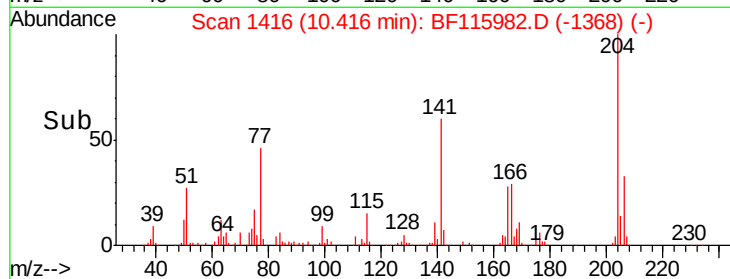
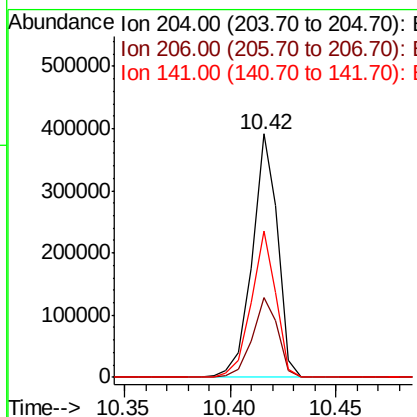
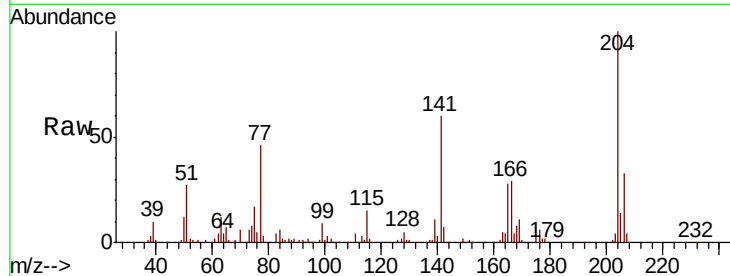
#61
 4-Chlorophenyl-phenylether
 Concen: 39.832 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampled :
 PB121965BS

Tot Ion:	204	Resp:	326571
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.4	39.6
141	60.2	47.0	70.4

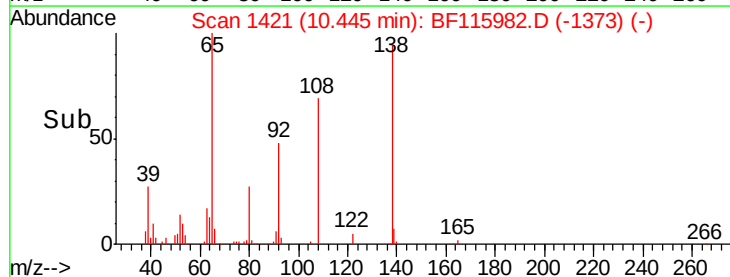
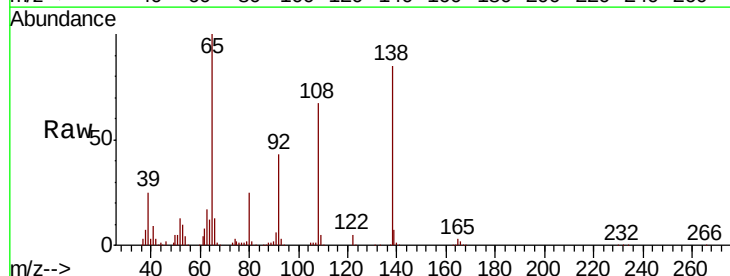
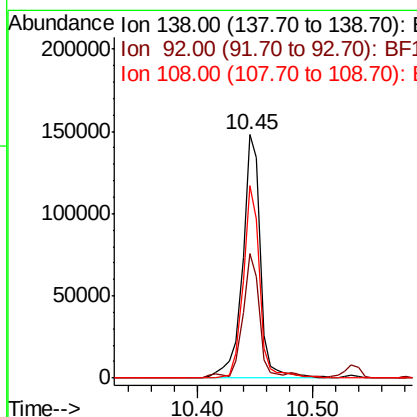
Manual Integrations
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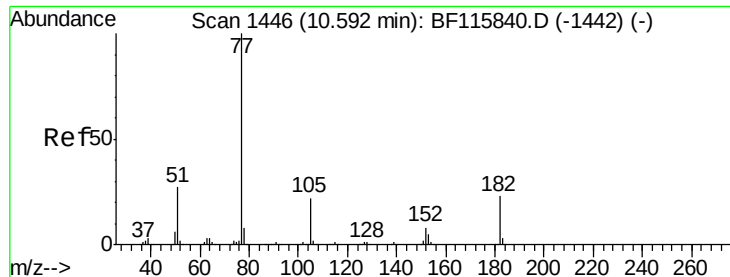
mohammad
 8/8/2019 4:45:43 PM



#62
 4-Nitroaniline
 Concen: 30.592 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:	138	Resp:	159022
Ion Ratio	Lower	Upper	
138	100		
92	50.9	31.0	71.0
108	78.8	56.7	96.7





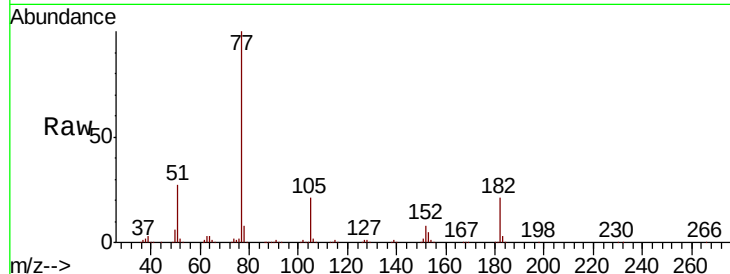
#63
Azobenzene
Concen: 39.175 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

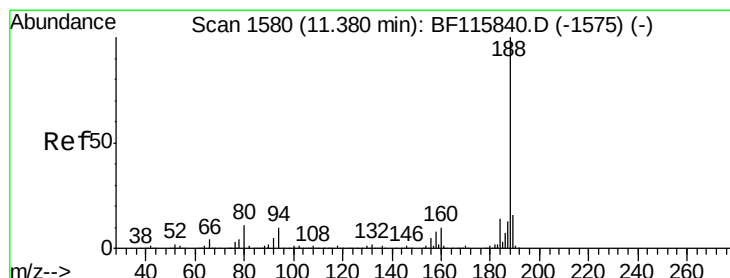
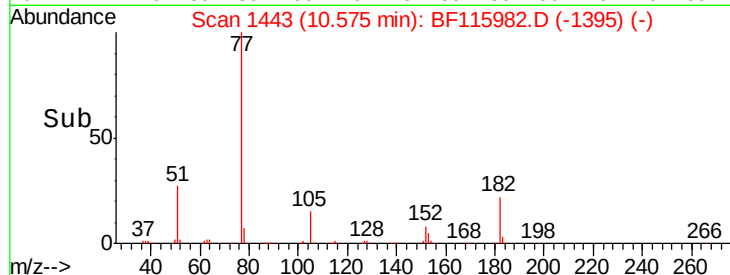
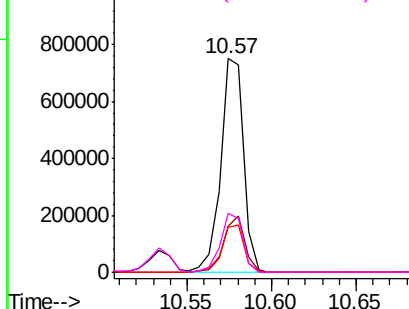
Tot Ion	Ratio	Lower	Upper
77	100		
182	21.5	2.6	42.6
105	20.9	1.6	41.6
51	27.5	7.4	47.4

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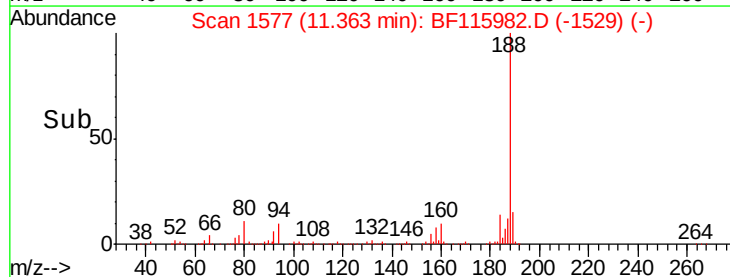
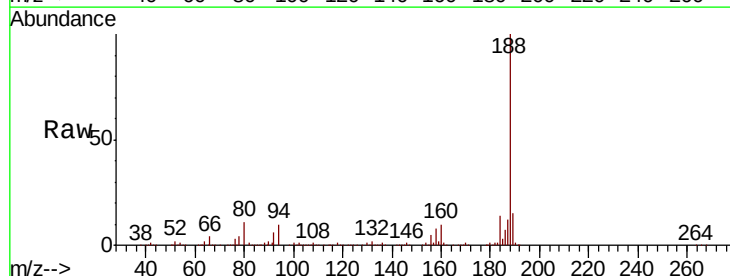
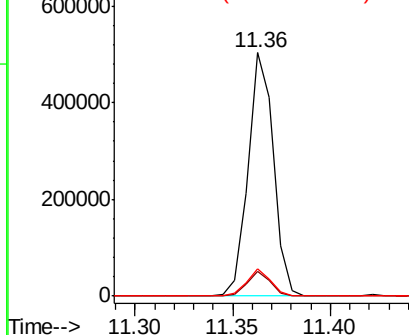
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

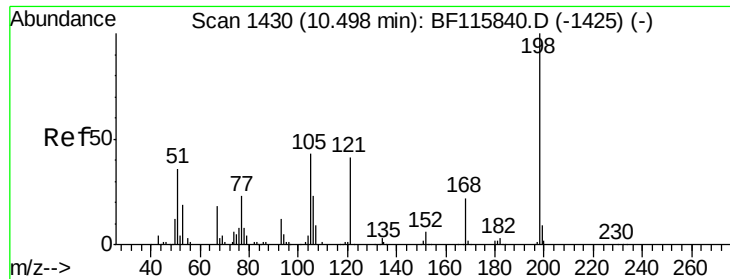


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	11.2	8.6	12.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.735 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampled :

PB121965BS

Tot Ion:198 Resp: 92846

Ion Ratio Lower Upper

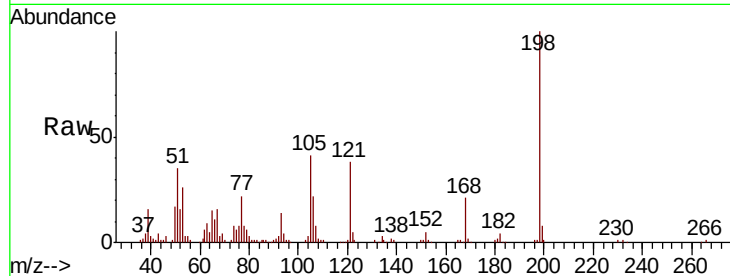
198 100

51 35.1 21.1 61.1

105 41.2 24.5 64.5

Manual Integrations
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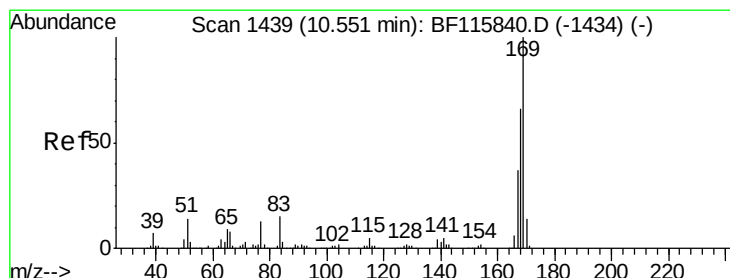
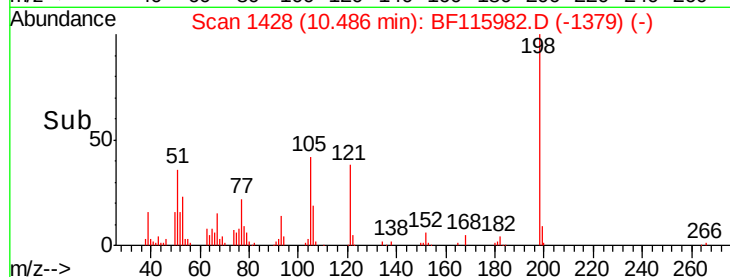
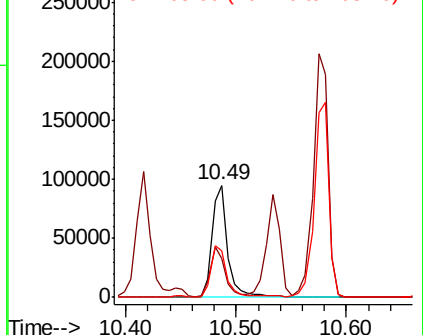
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.158 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

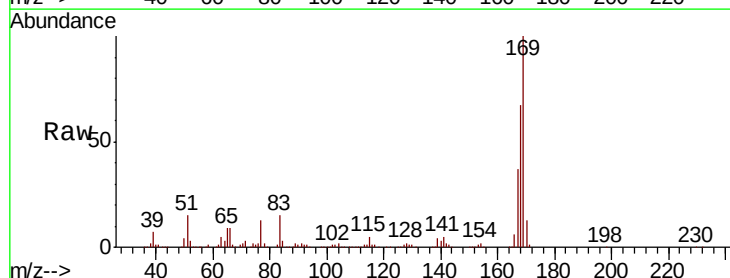
Tgt Ion:169 Resp: 560328

Ion Ratio Lower Upper

169 100

168 66.9 53.0 79.6

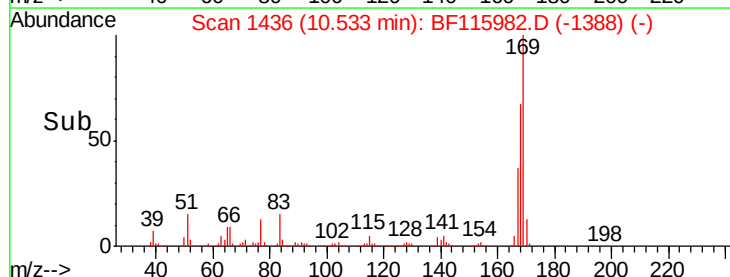
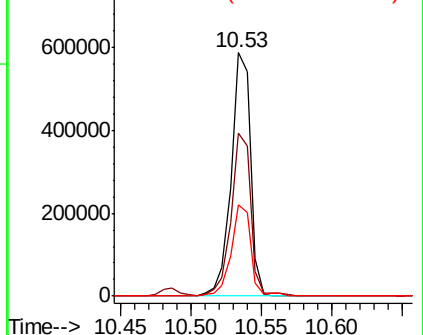
167 37.3 29.9 44.9

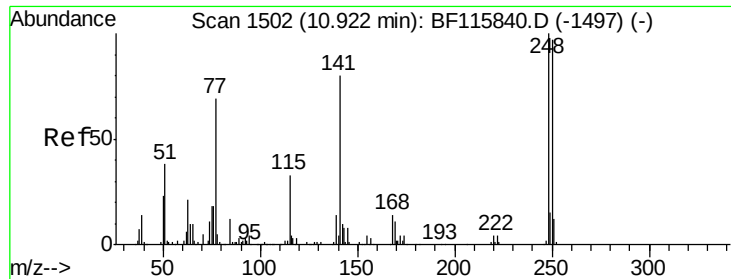


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





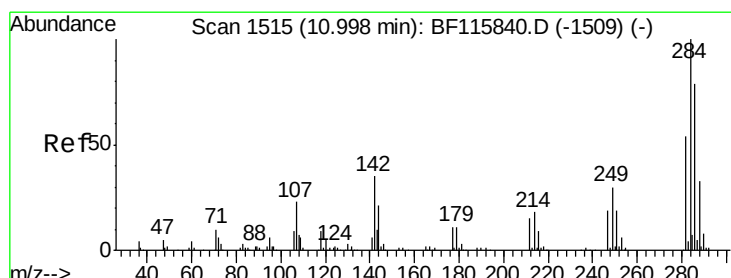
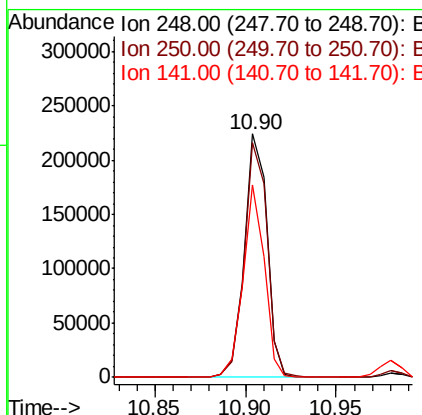
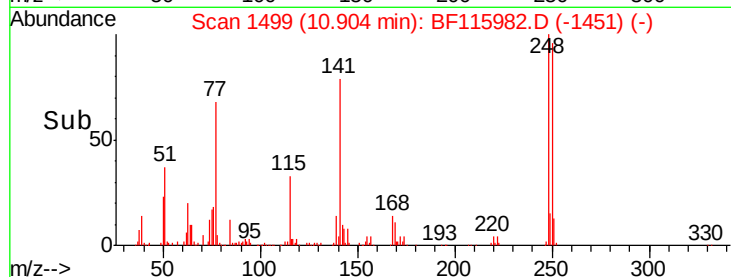
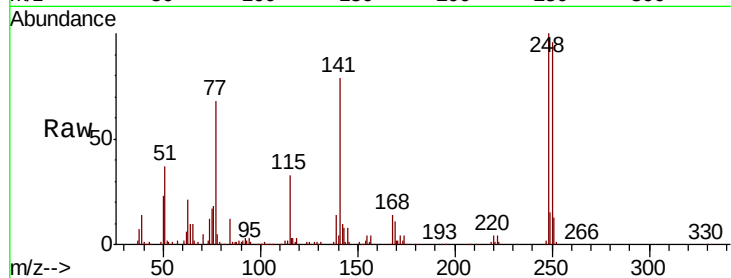
#67
4-Bromophenyl-phenylether
Concen: 40.260 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.8	116.6
141	79.0	64.3	96.5

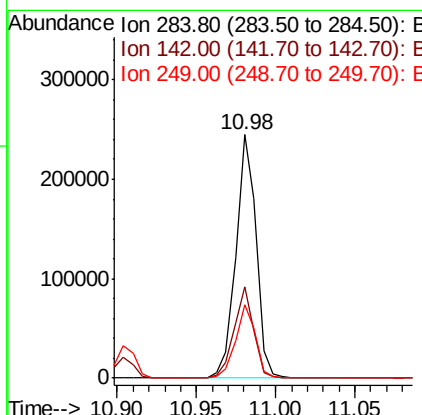
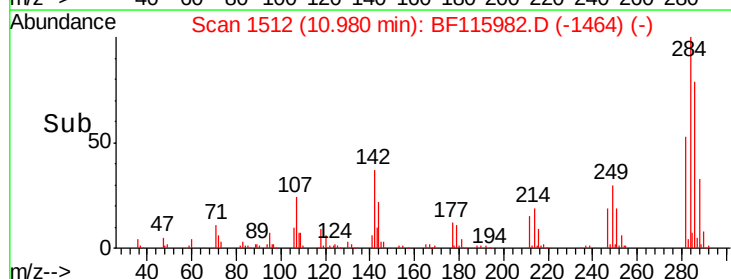
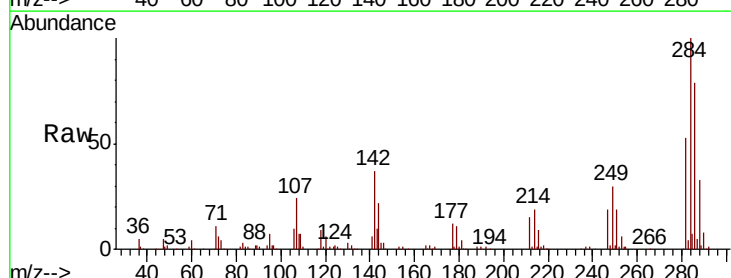
Manual Integrations
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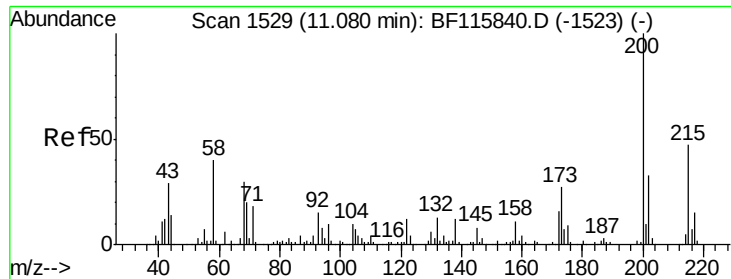
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#68
Hexachlorobenzene
Concen: 38.620 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	28.2	42.2
249	30.1	24.0	36.0





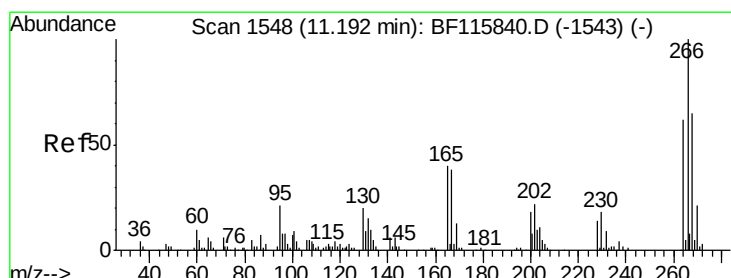
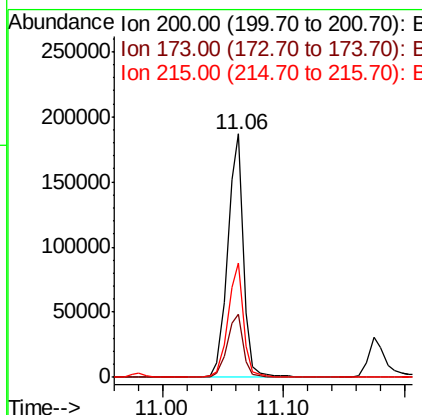
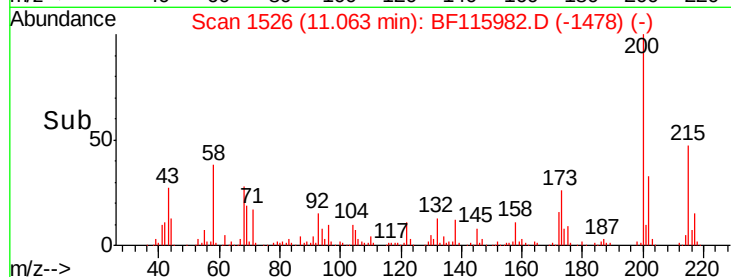
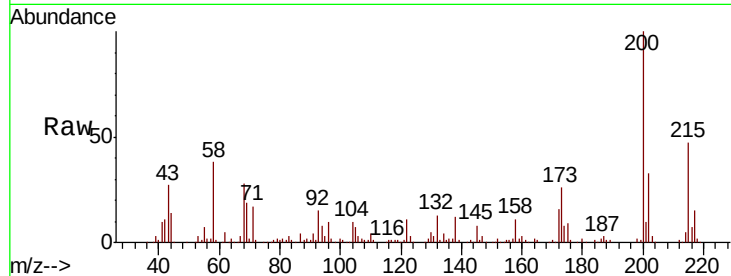
#69
 Atrazine
 Concen: 37.583 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	168326		
173	26.0	7.3	47.3	
215	46.8	26.9	66.9	

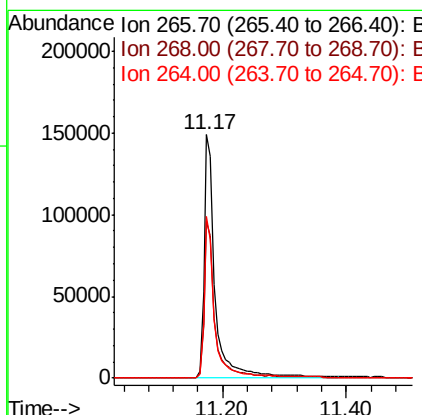
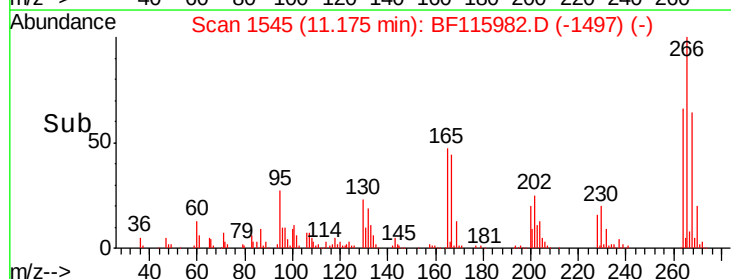
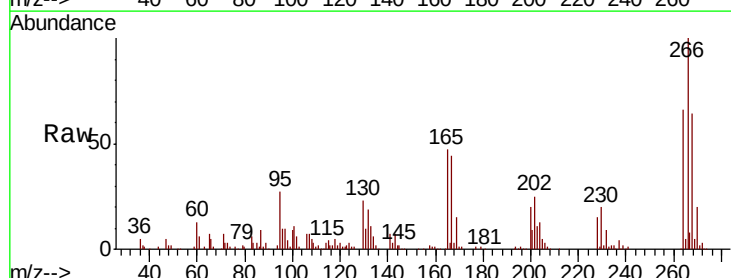
Manual Integrations
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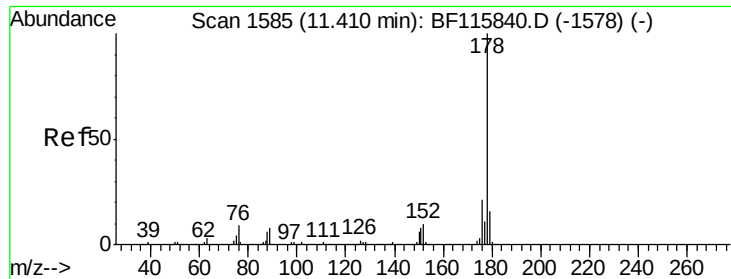
mohammad
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#70
 Pentachlorophenol
 Concen: 69.615 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	189234		
268	64.1	51.6	77.4	
264	66.2	49.4	74.0	





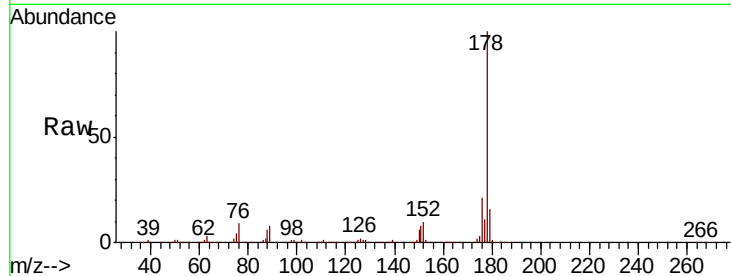
#71
Phenanthrene
Concen: 39.113 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

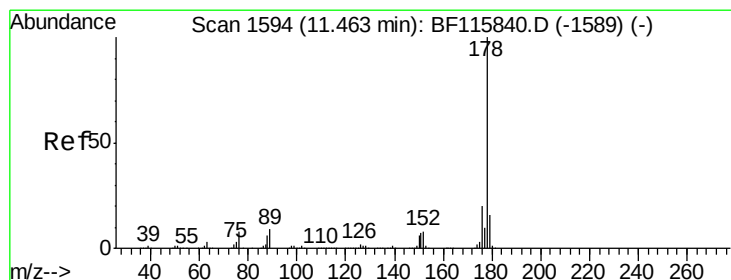
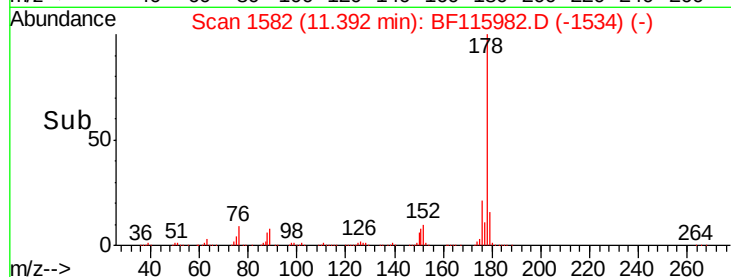
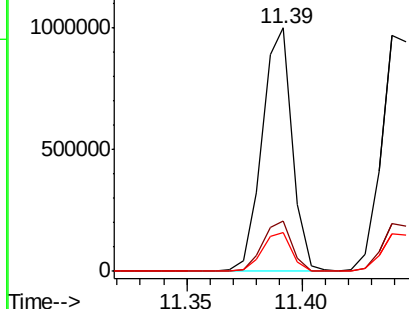
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.5	24.7
179	15.8	12.6	18.8

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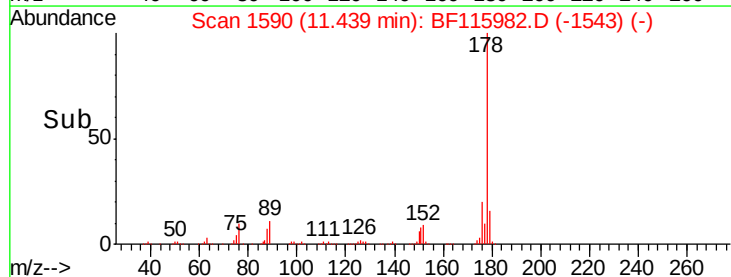
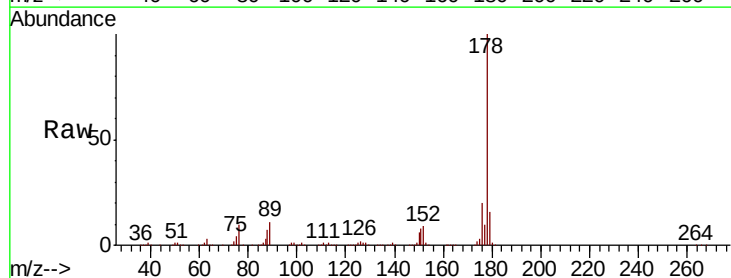
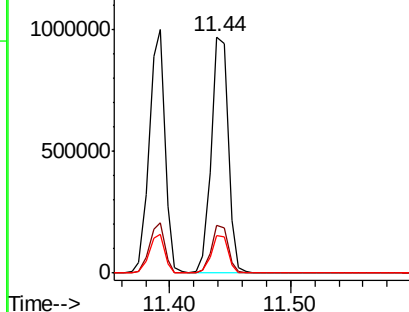
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

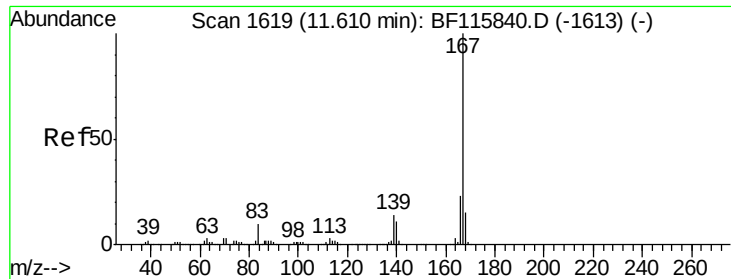


#72
Anthracene
Concen: 40.096 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.1	12.4	18.6

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





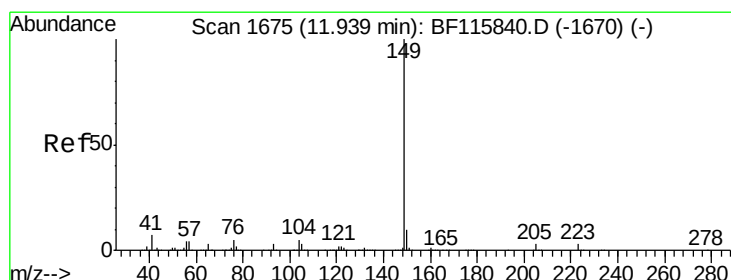
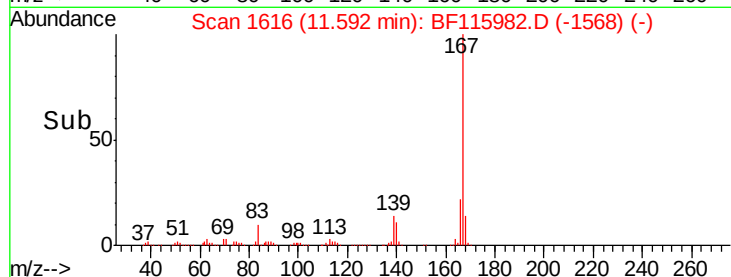
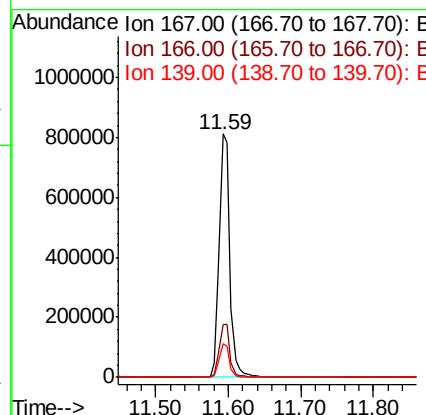
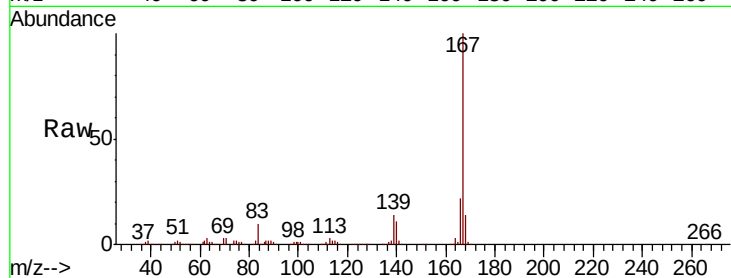
#73
 Carbazole
 Concen: 39.218 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.0	27.0
139	13.7	11.4	17.2

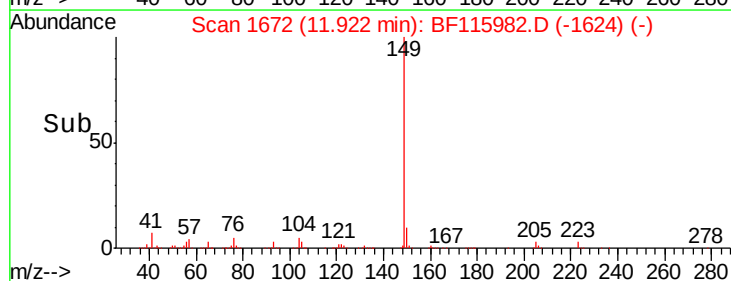
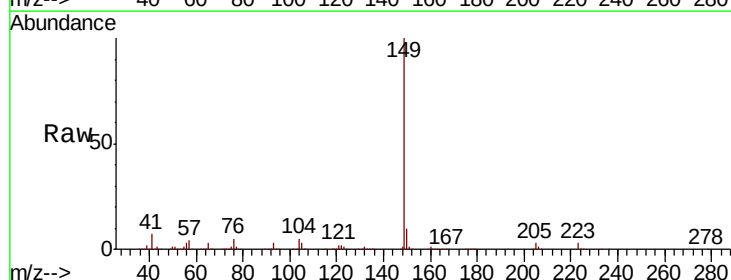
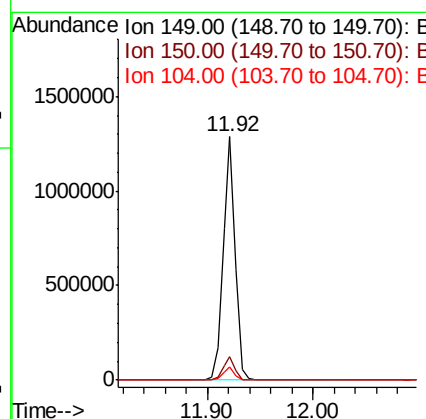
Manual Integrations
 APPROVED

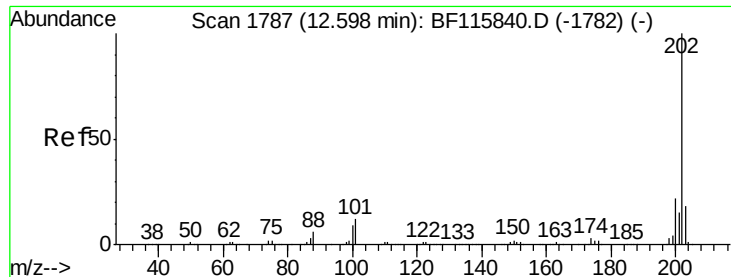
mohammad
 8/8/2019 4:45:43 PM



#74
 Di-n-butylphthalate
 Concen: 41.985 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 38.285 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

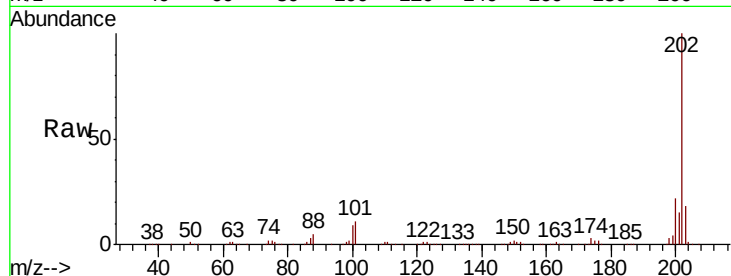
ClientSampleId :

PB121965BS

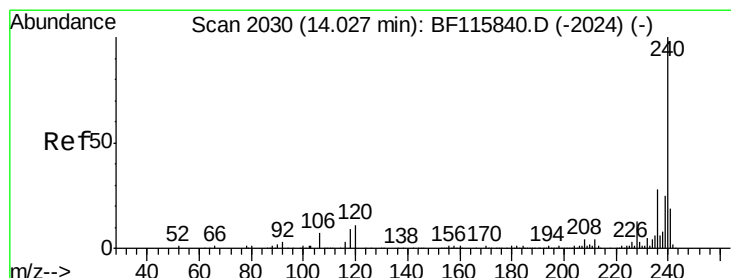
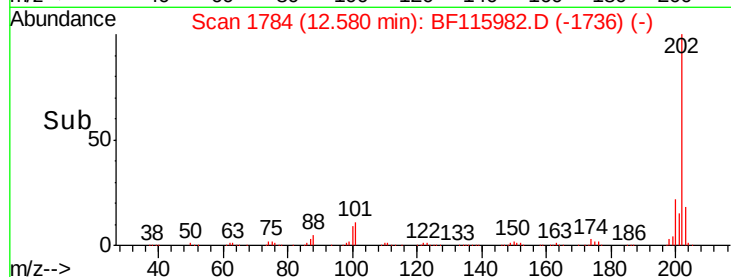
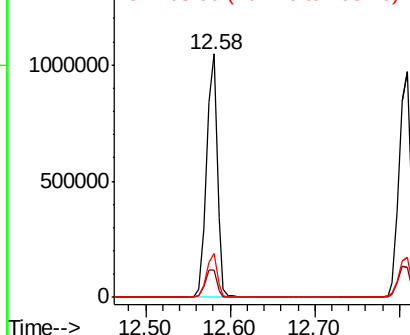
Tot Ion	Ratio	Resp	Lower	Upper
202	100	926790		
101	11.3	0.0	31.5	
203	18.0	0.0	37.9	

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

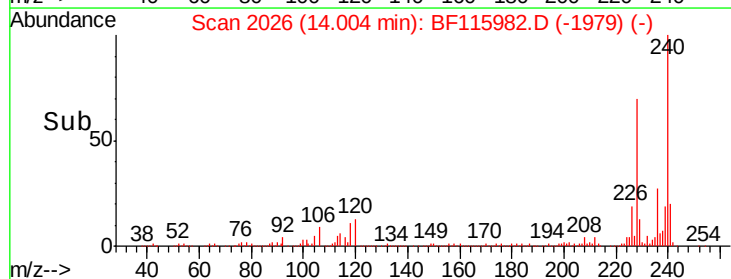
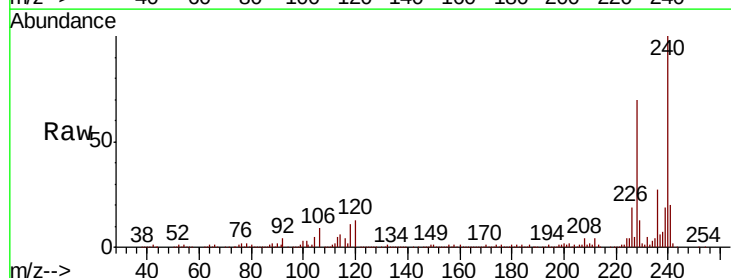
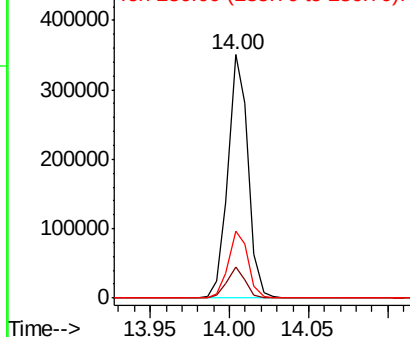
Delta R.T. -0.02 min

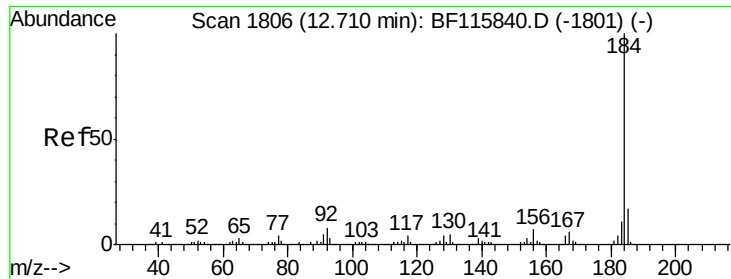
Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	307898		
120	12.9	8.5	12.7#	
236	27.4	22.2	33.2	

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





#77

Benzidine

Concen: 28.798 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

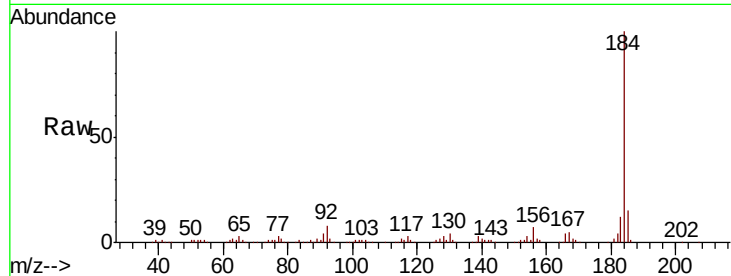
ClientSampleId :

PB121965BS

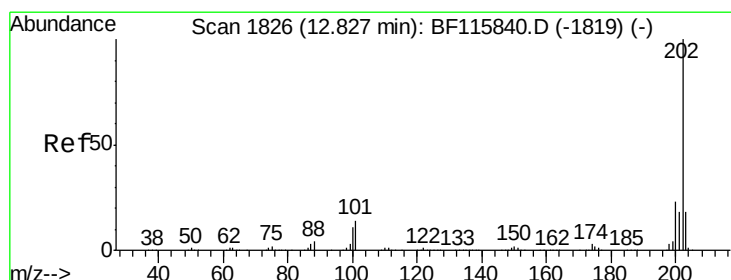
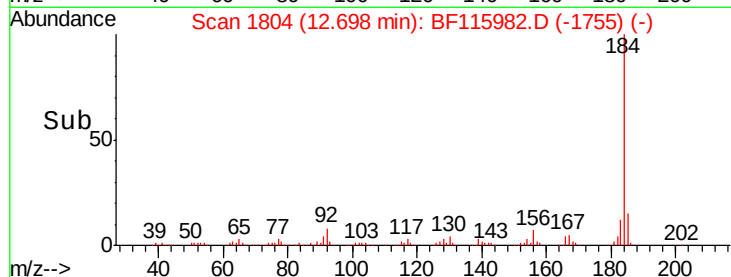
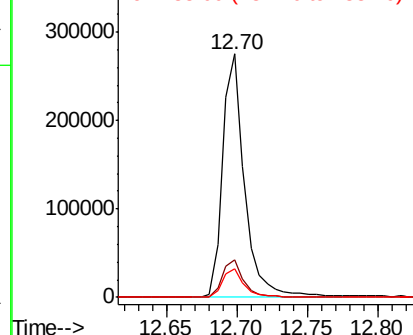
Tot Ion:	184	Resp:	299557
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.2
183	11.5	9.1	13.7

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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: 40.222 ng

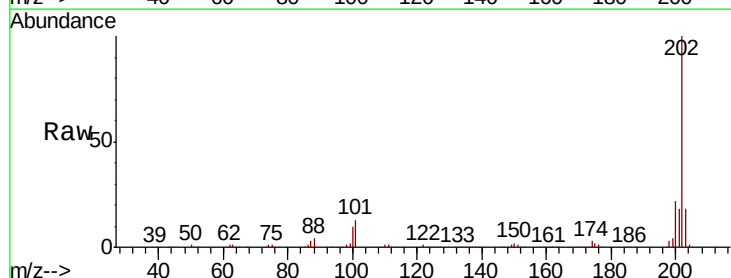
RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

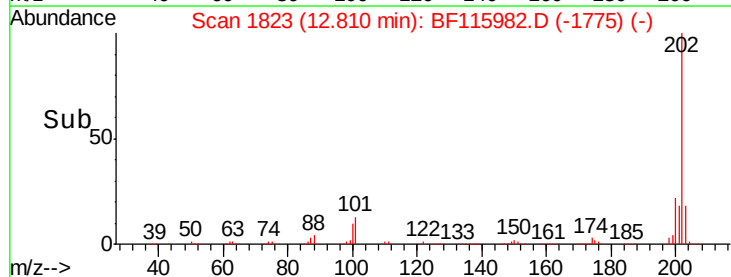
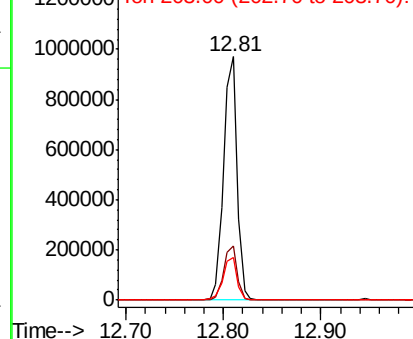
Lab File: BF115982.D

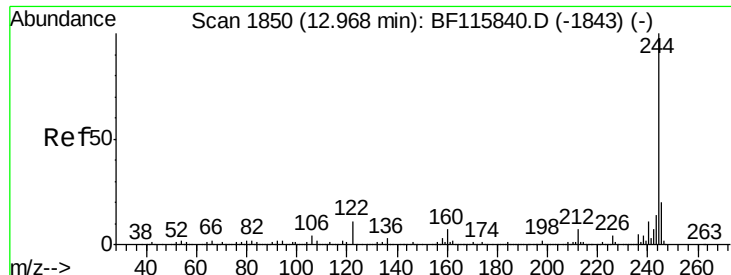
Acq: 5 Aug 2019 16:24

Tgt Ion:	202	Resp:	933545
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.2	27.2
203	17.5	14.3	21.5



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





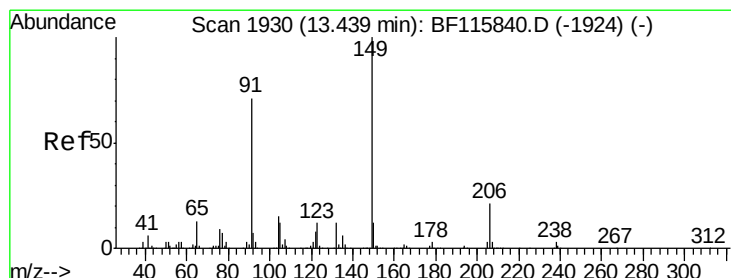
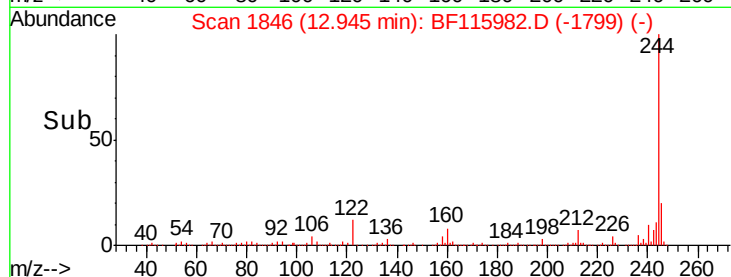
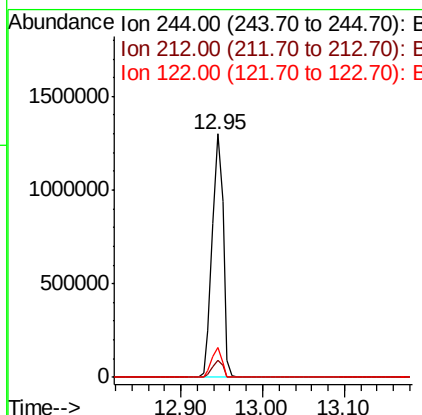
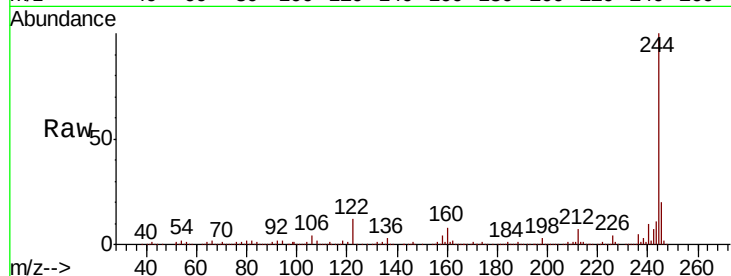
#79
 Terphenyl-d14
 Concen: 83.448 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.2	8.6	13.0

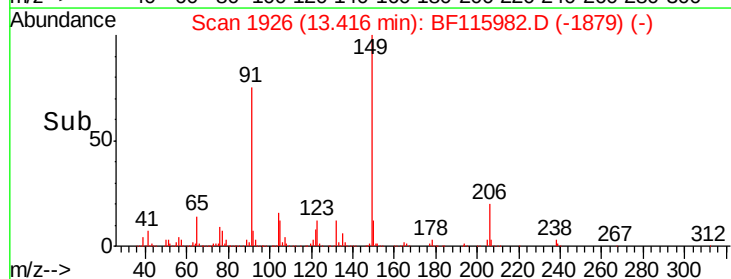
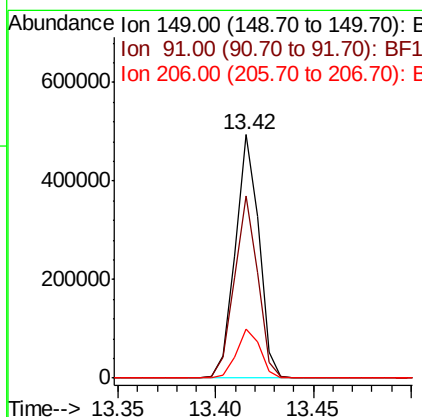
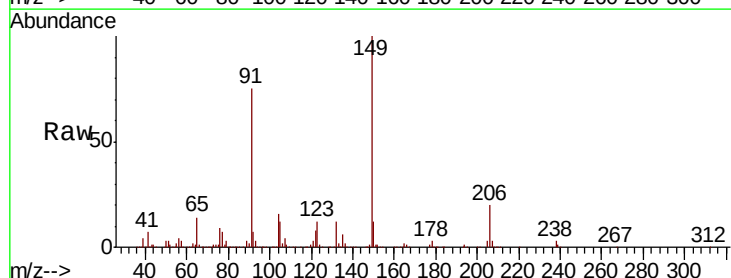
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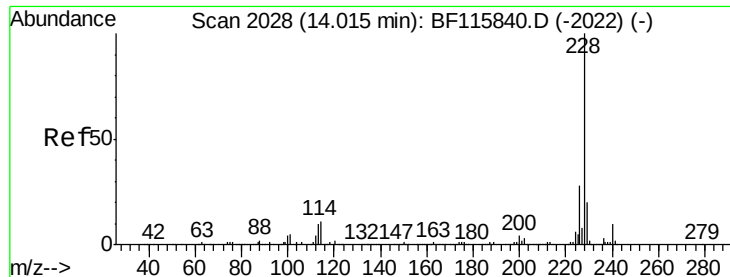
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.376 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.8	57.0	85.6
206	20.0	16.9	25.3





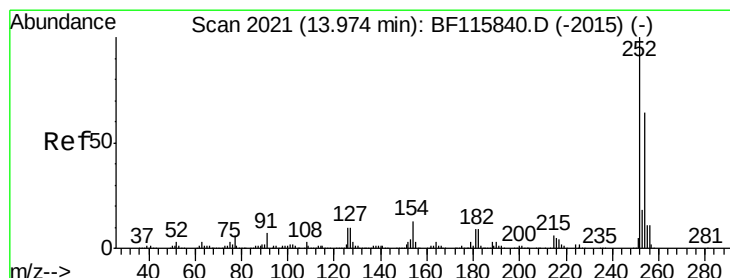
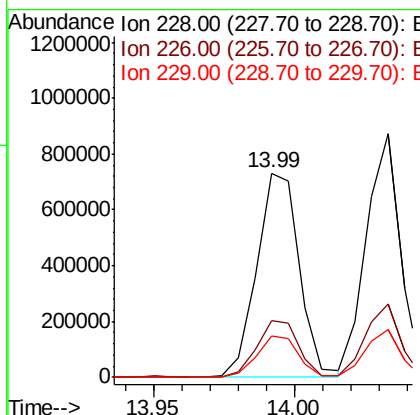
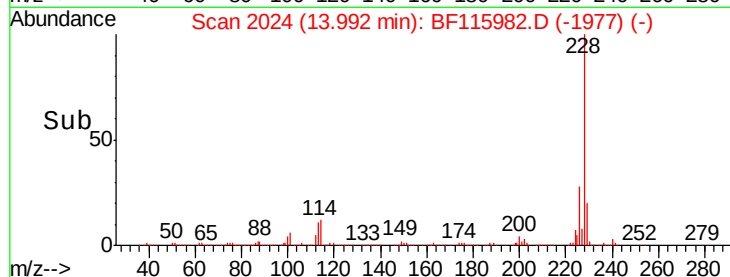
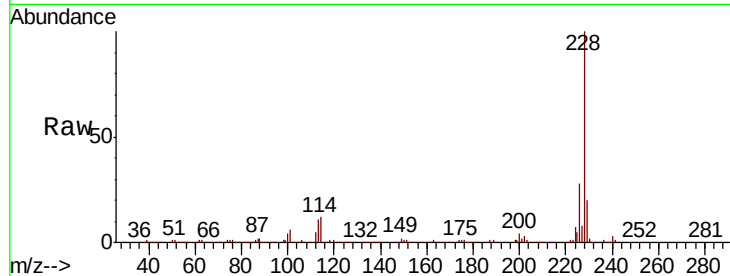
#81
Benzo(a)anthracene
Concen: 38.611 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	759856		
226	27.9		22.5	33.7
229	20.2		16.1	24.1

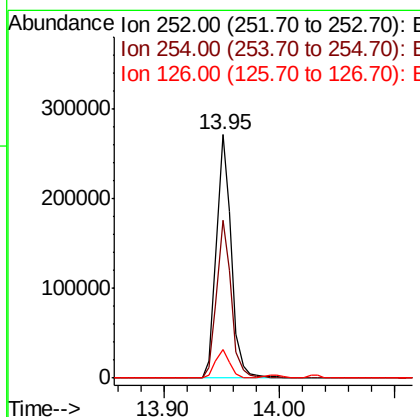
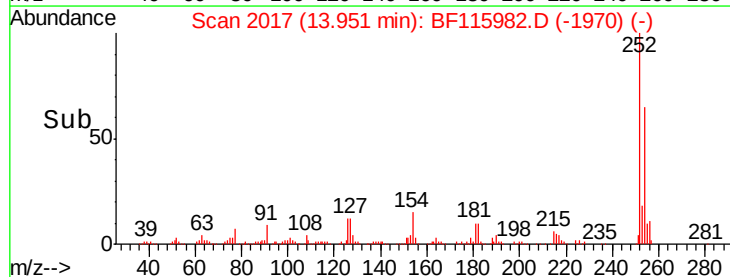
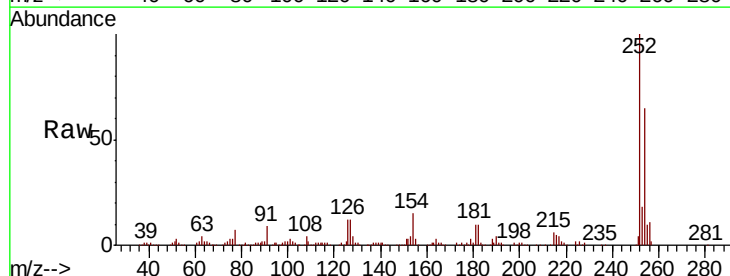
Manual Integrations
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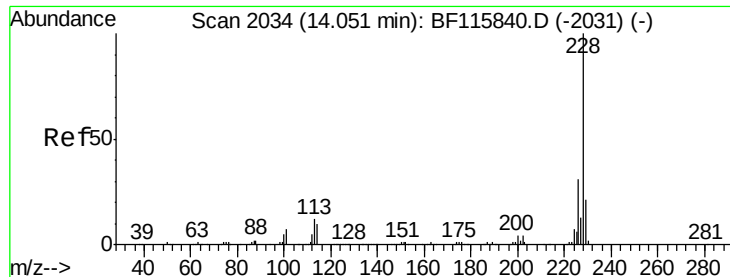
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.656 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	243782		
254	65.1		51.2	76.8
126	11.9		8.1	12.1





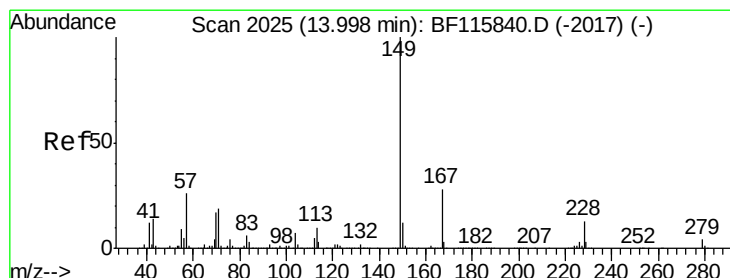
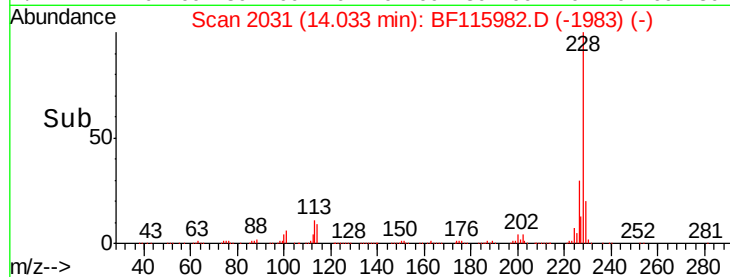
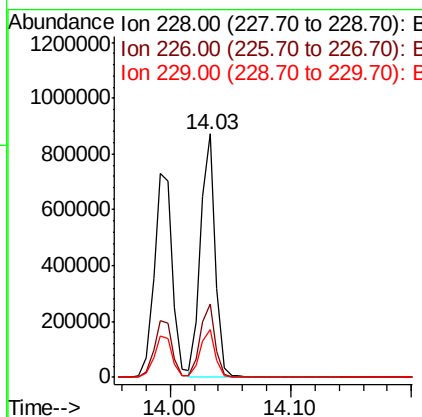
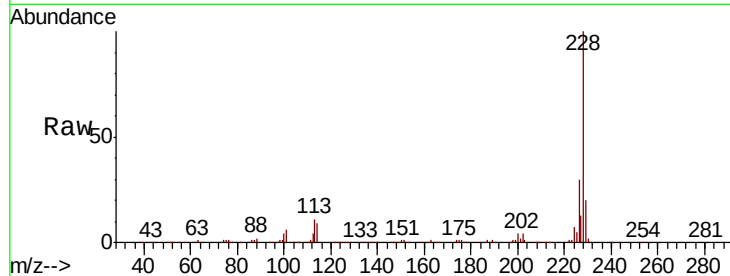
#83
 Chrysene
 Concen: 38.630 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		738068		
226	30.3	24.8	37.2		
229	19.7	16.4	24.6		

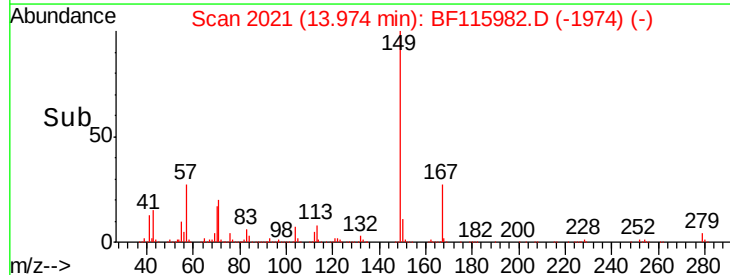
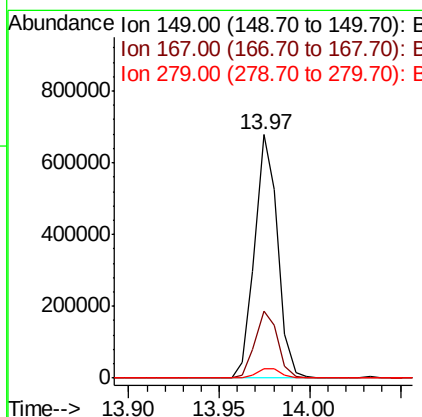
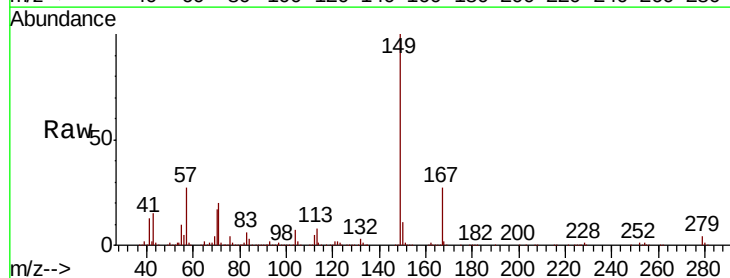
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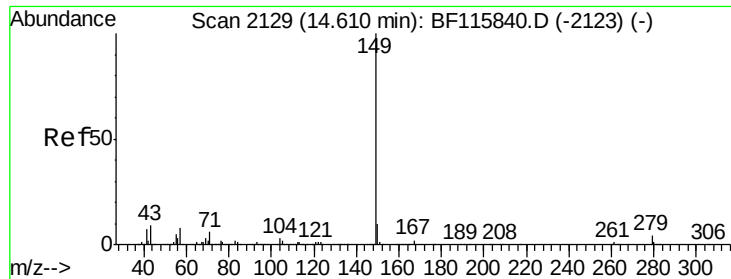
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.811 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		597227		
167	27.5	22.4	33.6		
279	3.7	3.3	4.9		





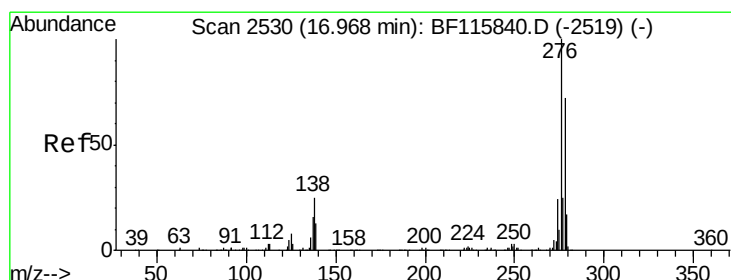
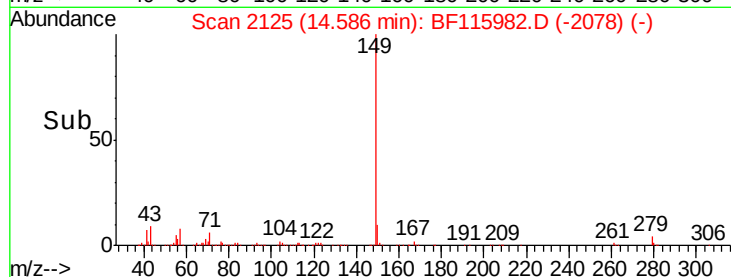
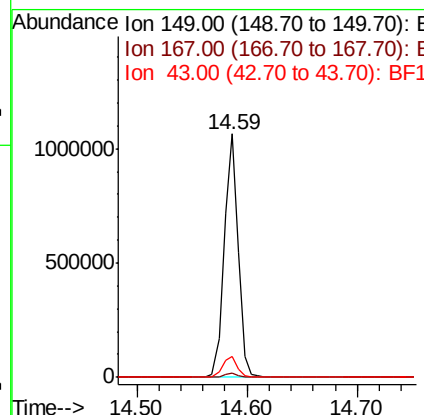
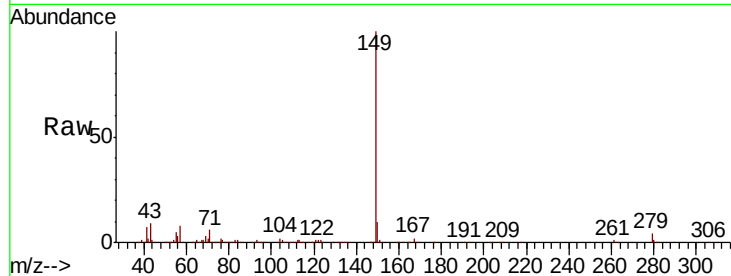
#85
Di-n-octyl phthalate
Concen: 46.081 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	7.4	11.0

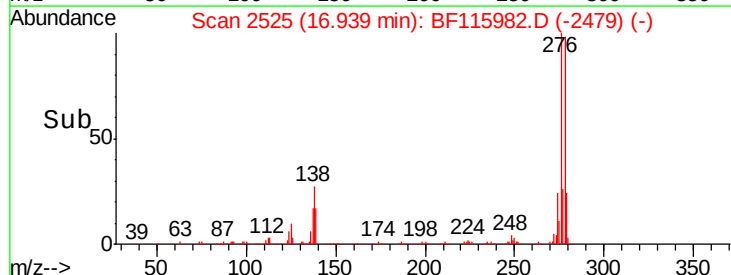
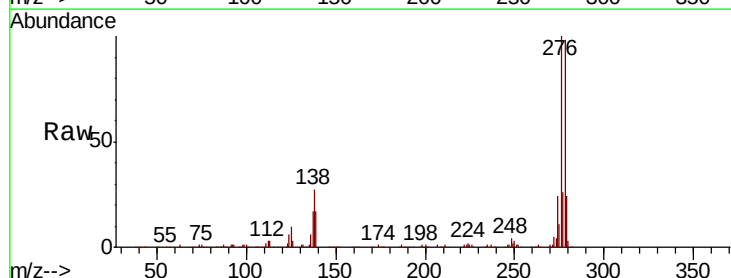
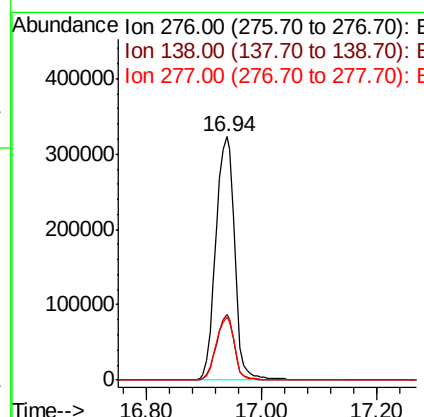
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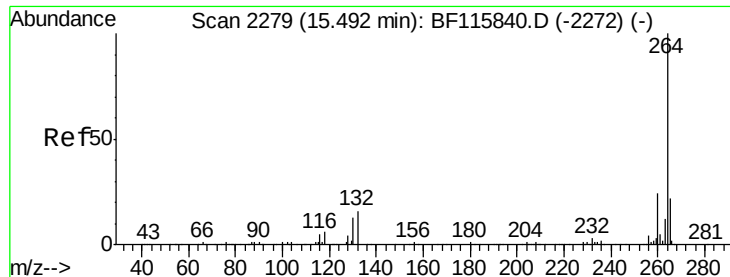
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.972 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.3	19.6	29.4
277	25.1	20.1	30.1





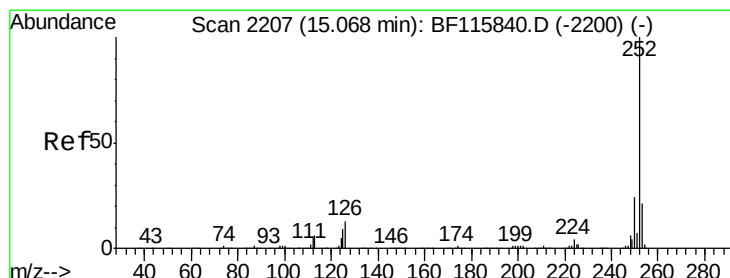
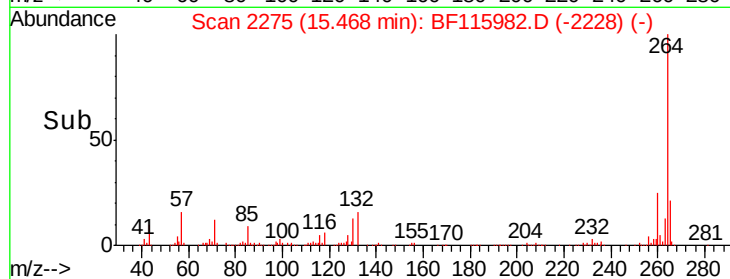
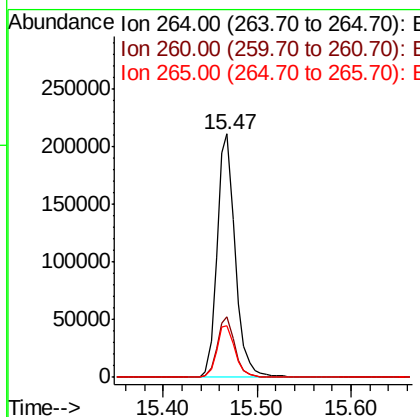
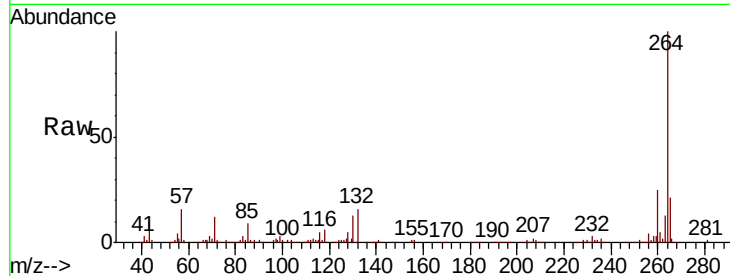
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.4	17.5	26.3

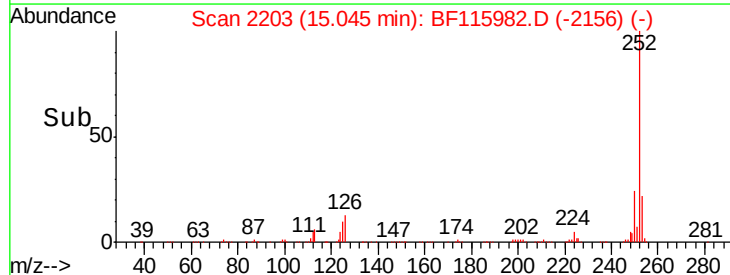
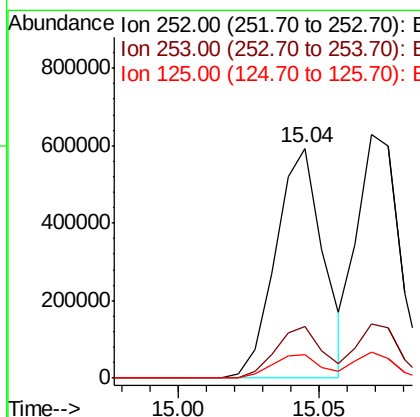
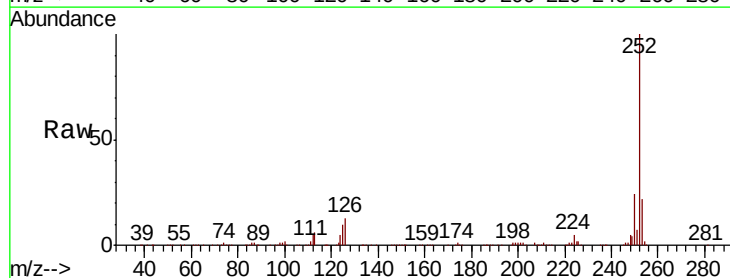
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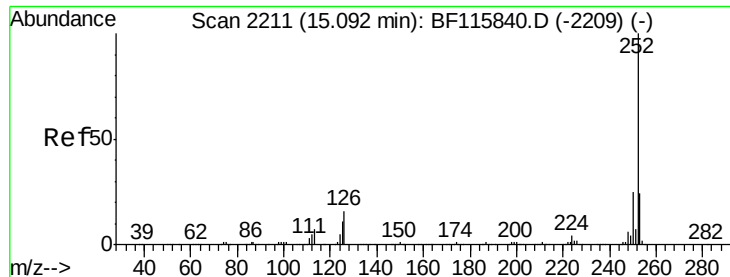
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.021 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.1	7.4	11.0





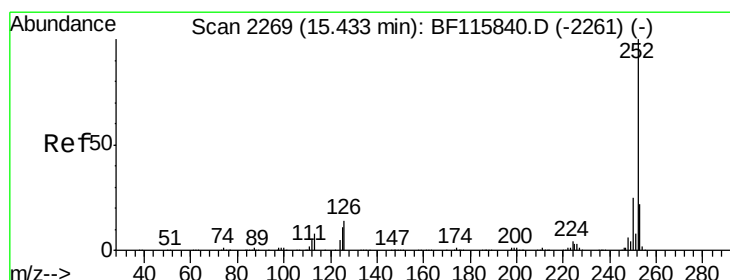
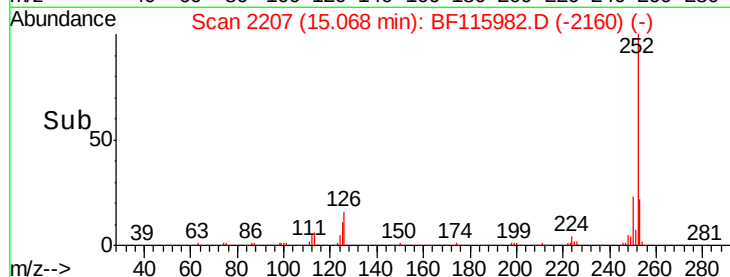
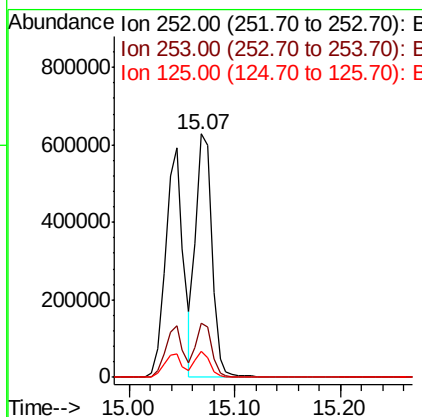
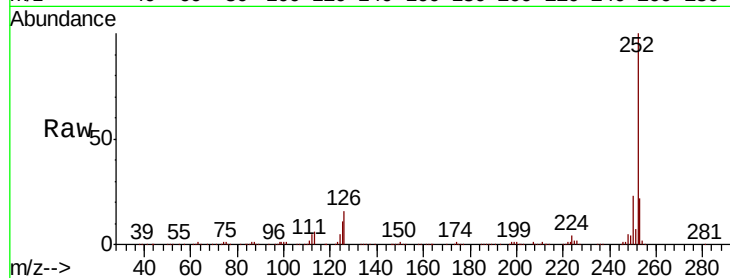
#89
Benzo(k)fluoranthene
Concen: 41.411 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.8	8.9	13.3

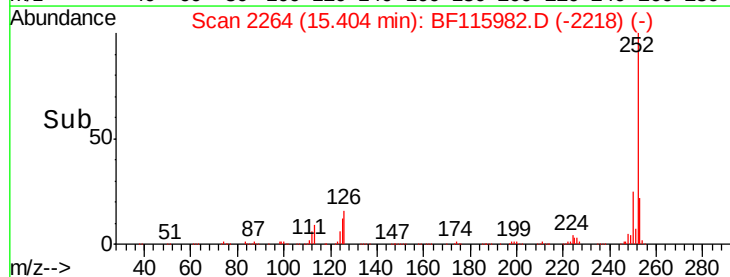
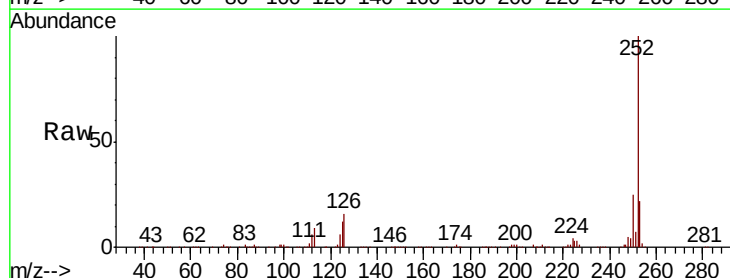
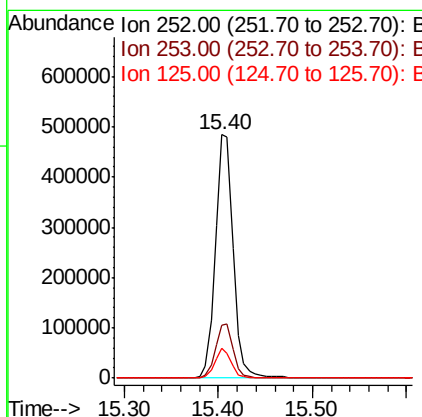
Manual Integrations
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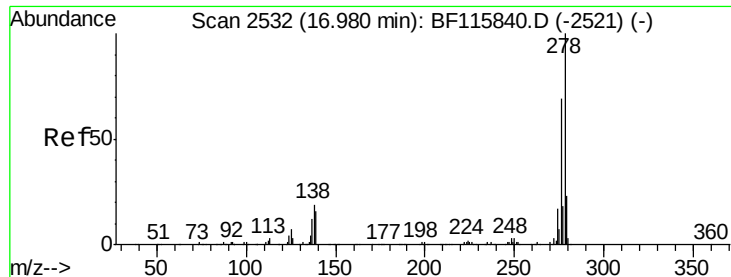
mohammad
8/8/2019 4:45:43 PM



#90
Benzo(a)pyrene
Concen: 43.895 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	12.2	8.8	13.2





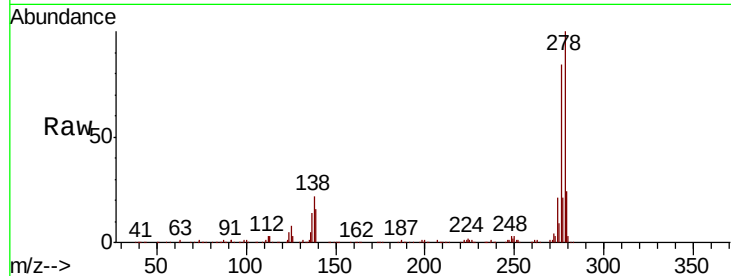
#91
Dibenzo(a,h)anthracene
Concen: 49.183 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.04 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

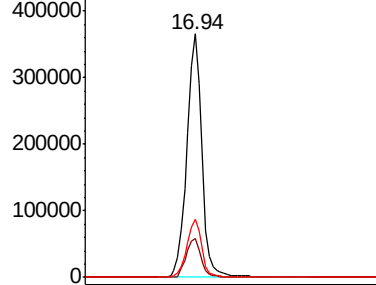
Tot Ion:278	Resp:	627584
Ion Ratio	Lower	Upper
278 100		
139 15.9	12.6	19.0
279 23.6	18.8	28.2

Manual Integrations
APPROVED

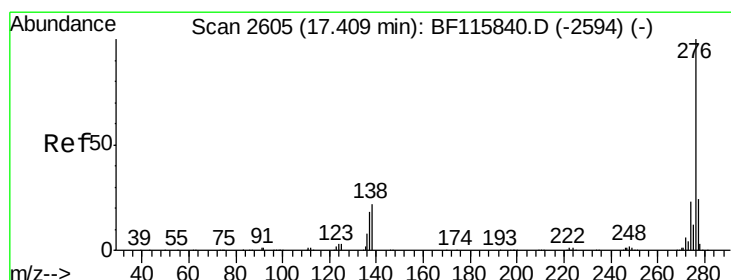
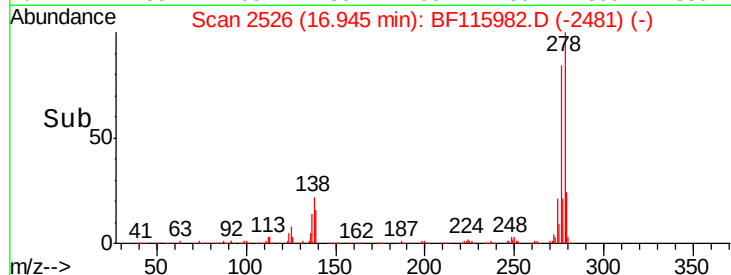
mohammad
8/8/2019 4:45:43 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



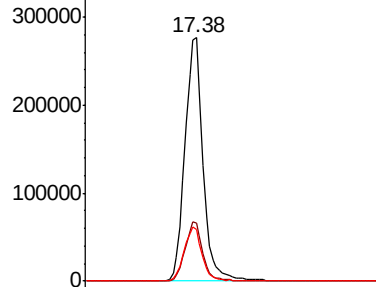
Time-->



#92
Benzo(g,h,i)perylene
Concen: 49.369 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.03 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:276	Resp:	618677
Ion Ratio	Lower	Upper
276 100		
277 24.0	19.5	29.3
138 21.0	17.8	26.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

