

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114605.D
 Acq On : 25 May 2019 15:53
 Operator : JU/SJ
 Sample : PB119807BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:49:48 AM

Quant Time: May 27 00:34:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151814	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	583343	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	280912	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	548803	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	379202	20.00	ng	-0.02
87) Perylene-d12	15.43	264	368166	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1187434	125.87	ng	0.00
7) Phenol-d6	6.45	99	1507899	135.15	ng	-0.01
23) Nitrobenzene-d5	7.37	82	915098	88.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	380202	130.92	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1704937	91.81	ng	-0.02
79) Terphenyl-d14	12.91	244	1695367	92.16	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.60	88	207371	39.992	ng	99
3) Pyridine	3.36	79	411294	28.789	ng	100
4) n-Nitrosodimethylamine	3.30	42	231753	33.639	ng	96
6) Aniline	6.47	93	447733	27.779	ng	# 39
8) 2-Chlorophenol	6.59	128	432876	42.982	ng	98
9) Benzaldehyde	6.35	77	209808	26.860	ng	98
10) Phenol	6.46	94	537713	40.967	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	426960	42.847	ng	98
12) 1,3-Dichlorobenzene	6.74	146	457565	40.475	ng	98
13) 1,4-Dichlorobenzene	6.82	146	466844	40.981	ng	98
14) 1,2-Dichlorobenzene	6.97	146	434251	41.725	ng	98
15) Benzyl Alcohol	6.95	79	346887	39.862	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	757866	39.225	ng	56
17) 2-Methylphenol	7.07	107	343320	41.499	ng	# 89
18) Hexachloroethane	7.31	117	171834	40.186	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	298906	42.265	ng	98
20) 3+4-Methylphenols	7.22	107	453618	47.458	ng	# 72
22) Acetophenone	7.21	105	593550	45.930	ng	# 89
24) Nitrobenzene	7.39	77	457143	43.180	ng	97
25) Isophorone	7.62	82	835430	43.336	ng	99
26) 2-Nitrophenol	7.70	139	236959	46.133	ng	99
27) 2,4-Dimethylphenol	7.75	122	389337	48.262	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	538896	43.084	ng	99
29) 2,4-Dichlorophenol	7.95	162	373350	46.477	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	394188	43.154	ng	99
31) Naphthalene	8.10	128	1249211	45.844	ng	98
32) Benzoic acid	7.90	122	208912m	38.028	ng	
33) 4-Chloroaniline	8.16	127	330311	26.601	ng	97
34) Hexachlorobutadiene	8.22	225	218505	42.041	ng	99
35) Caprolactam	8.53	113	117922m	45.020	ng	
36) 4-Chloro-3-methylphenol	8.66	107	389106	48.122	ng	100
37) 2-Methylnaphthalene	8.80	142	847416	48.201	ng	97
38) 1-Methylnaphthalene	8.90	142	792366	47.859	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	384263	45.157	ng	100

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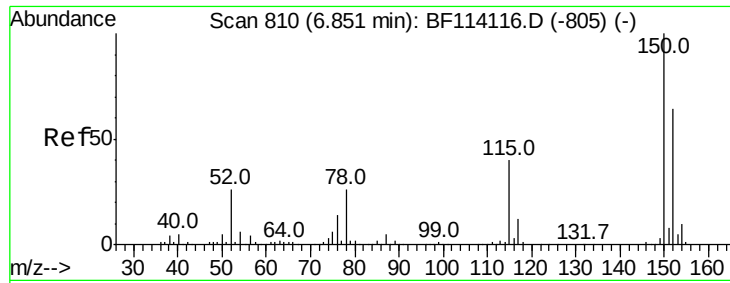
Manual Integrations
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Quant Time: May 27 00:34:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	191783	50.086	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	240790	41.139	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	245641	40.923	ng	97
46) 1,1'-Biphenyl	9.26	154	1034470	45.584	ng	98
47) 2-Chloronaphthalene	9.29	162	786880	43.084	ng	99
48) 2-Nitroaniline	9.39	65	260436	40.208	ng	93
49) Acenaphthylene	9.70	152	1235461	44.476	ng	99
50) Dimethylphthalate	9.56	163	907346	44.000	ng	100
51) 2,6-Dinitrotoluene	9.63	165	200197	43.770	ng	95
52) Acenaphthene	9.87	154	733293	43.019	ng	99
53) 3-Nitroaniline	9.80	138	158451	27.907	ng	96
54) 2,4-Dinitrophenol	9.93	184	167750	73.534	ng	92
55) Dibenzofuran	10.05	168	1059082	42.371	ng	99
56) 4-Nitrophenol	9.99	139	207129	51.586	ng	98
57) 2,4-Dinitrotoluene	10.05	165	248079	39.961	ng	# 81
58) Fluorene	10.39	166	878557	45.505	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.17	232	204171m	39.421	ng	
60) Diethylphthalate	10.26	149	909237	43.395	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	421429	44.443	ng	97
62) 4-Nitroaniline	10.42	138	216487	36.285	ng	97
63) Azobenzene	10.54	77	872615	43.026	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	121090	45.918	ng	98
66) n-Nitrosodiphenylamine	10.50	169	771227	46.302	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	264613	43.792	ng	96
68) Hexachlorobenzene	10.95	284	281691	42.140	ng	94
69) Atrazine	11.03	200	227681	43.925	ng	98
70) Pentachlorophenol	11.15	266	183651	57.956	ng	98
71) Phenanthrene	11.35	178	1210095	45.322	ng	99
72) Anthracene	11.40	178	1255068	46.800	ng	99
73) Carbazole	11.56	167	1168407	45.689	ng	98
74) Di-n-butylphthalate	11.88	149	1413540	47.978	ng	100
75) Fluoranthene	12.54	202	1283478	44.639	ng	99
77) Benzidine	12.66	184	633189	37.199	ng	97
78) Pyrene	12.77	202	1295268	42.461	ng	99
80) Butylbenzylphthalate	13.37	149	596976	46.494	ng	99
81) Benzo(a)anthracene	13.96	228	1084605	44.222	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	335041	35.214	ng	98
83) Chrysene	14.00	228	1049311	43.643	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	822546	48.982	ng	100
85) Di-n-octyl phthalate	14.54	149	1358897	49.919	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	993167	46.740	ng	99
88) Benzo(b)fluoranthene	15.00	252	1144809	48.536	ng	99
89) Benzo(k)fluoranthene	15.03	252	973433	44.927	ng	99
90) Benzo(a)pyrene	15.37	252	1003770	48.355	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	833018	48.293	ng	100
92) Benzo(g,h,i)perylene	17.33	276	834769	48.291	ng	99

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



#1

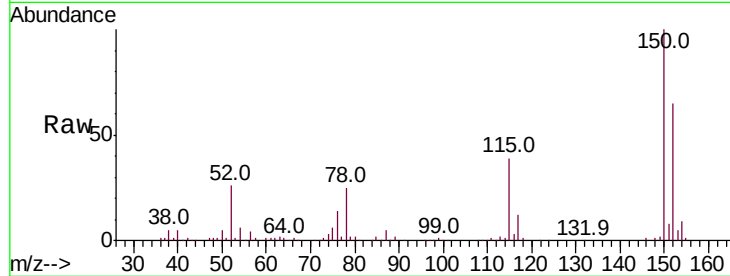
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.3	186.5
115	59.6	49.1	73.7

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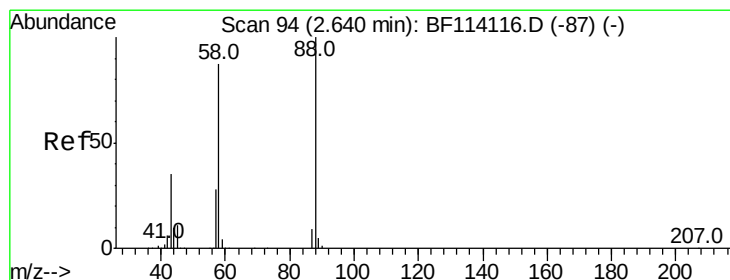
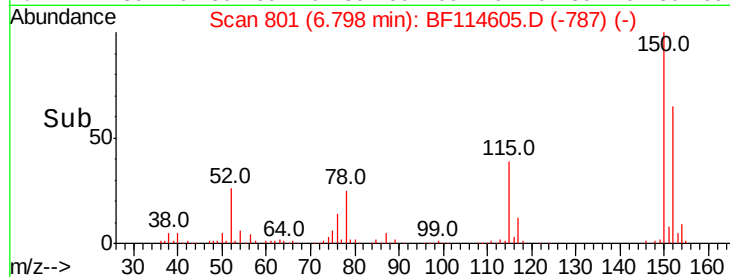
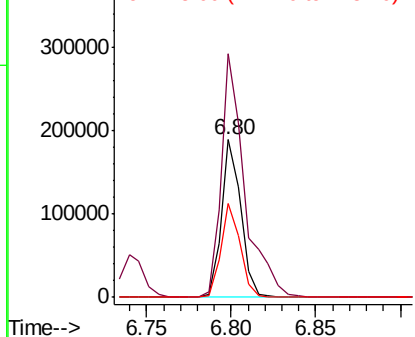


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

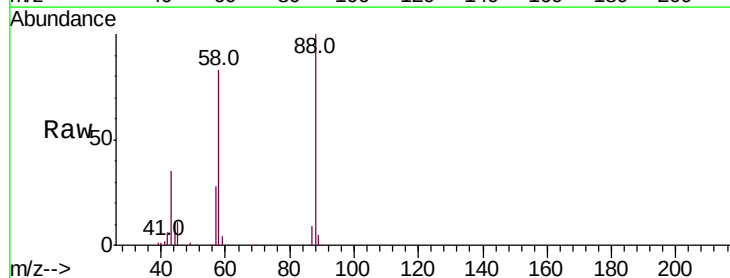
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.992 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.04 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	68.7	103.1
43	35.3	28.2	42.2

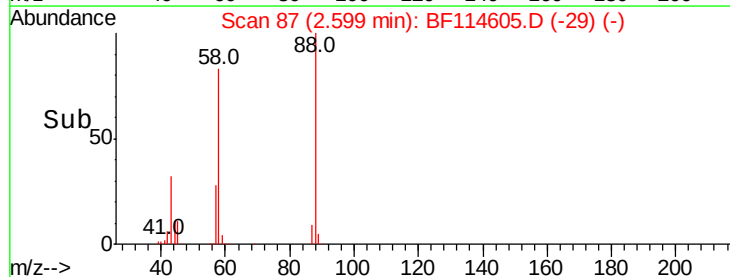
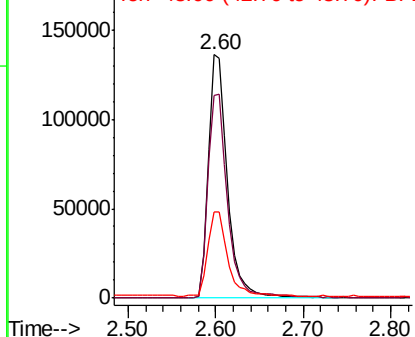


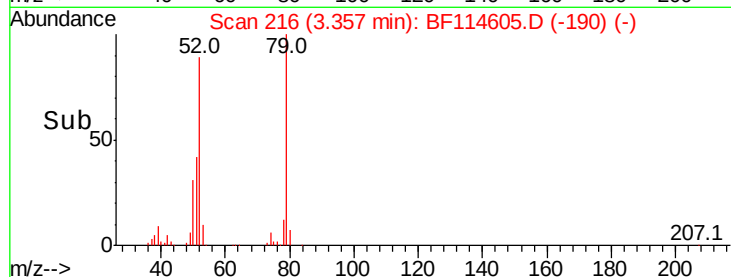
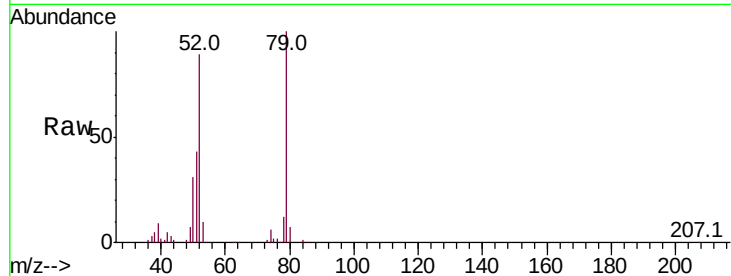
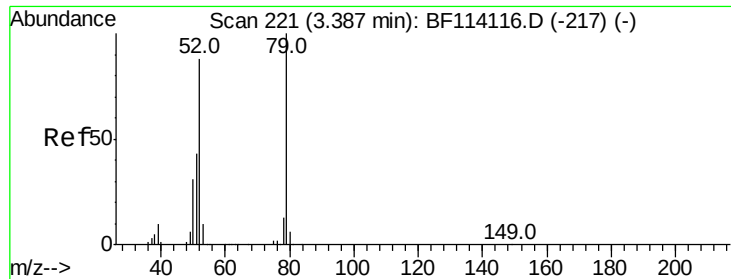
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





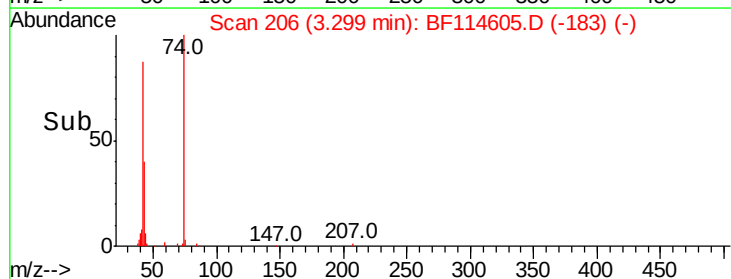
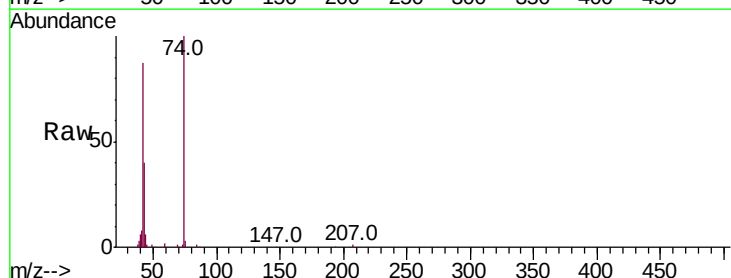
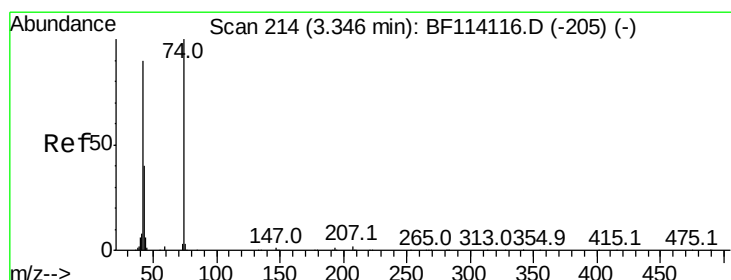
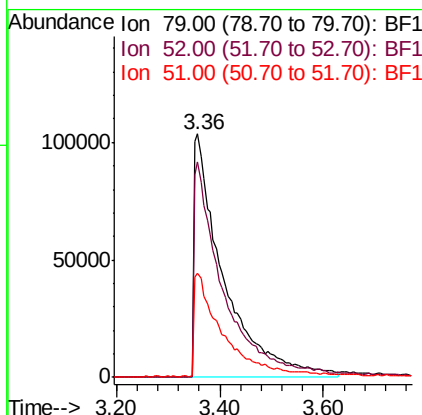
#3
Pvridine
Concen: 28.789 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.05 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.7	70.6	105.8
51	42.6	34.2	51.2

Instrument :
BNA_F
ClientSampled :
PB119807BS

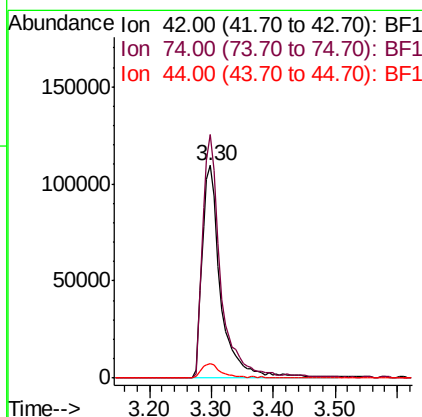
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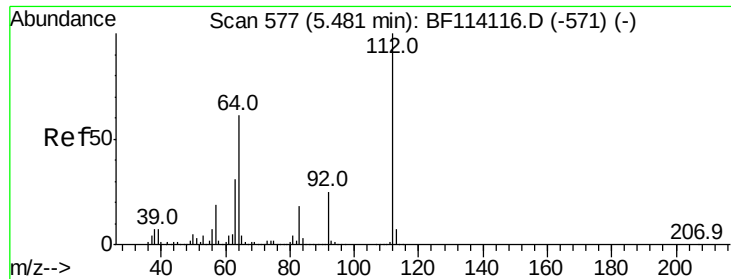
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#4
n-Nitrosodimethylamine
Concen: 33.639 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.04 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.6	88.6	132.8
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 125.871 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

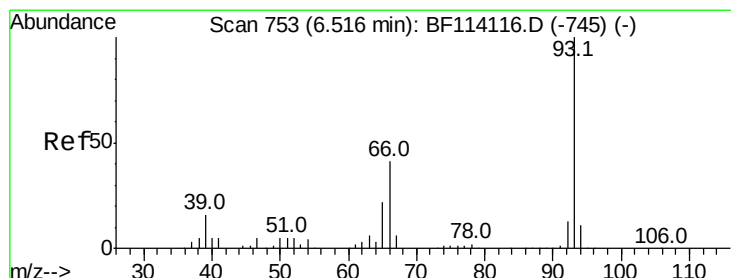
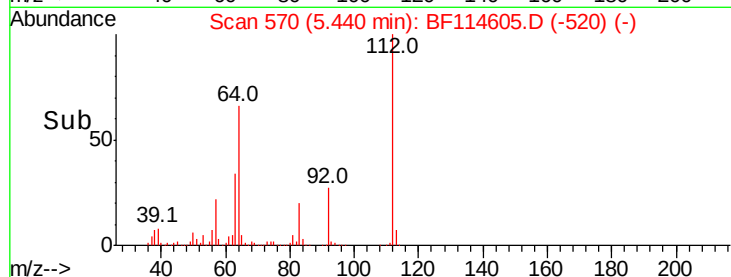
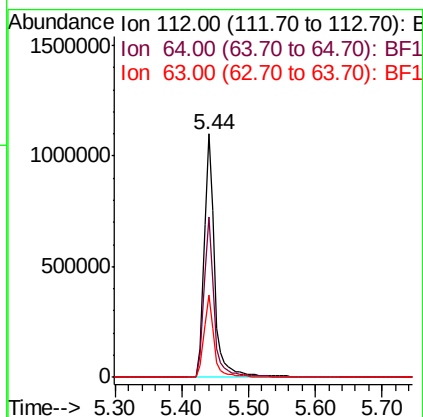
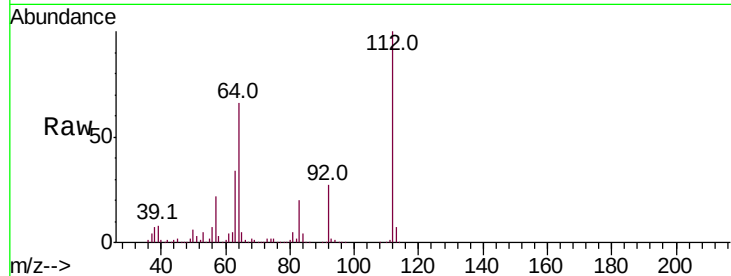
ClientSampled :

PB119807BS

Tot Ion:	112	Resp:	1187434
Ion	Ratio	Lower	Upper
112	100		
64	65.7	49.0	73.6
63	33.9	24.6	37.0

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#6

Aniline

Concen: 27.779 ng

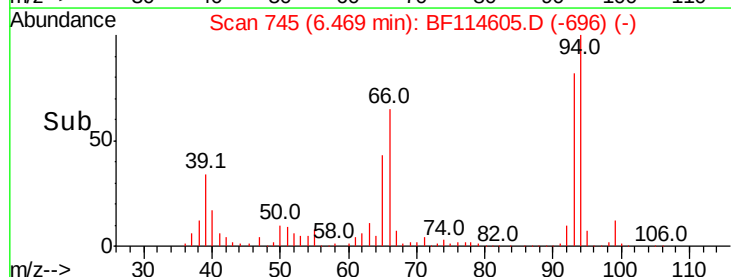
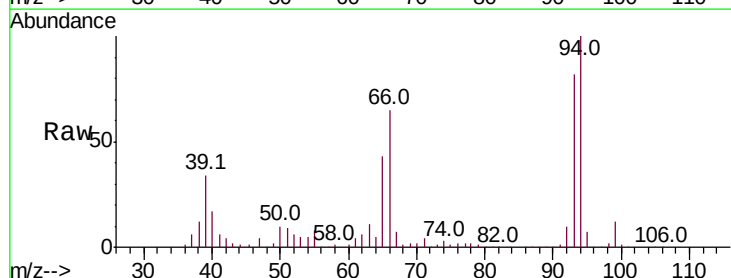
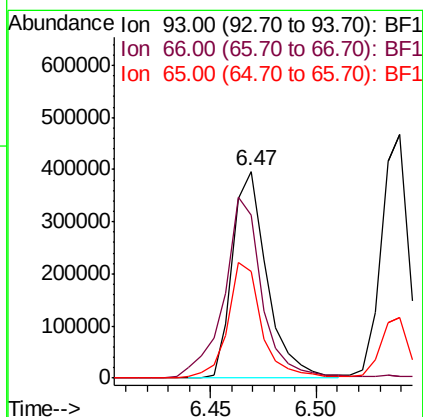
RT: 6.47 min Scan# 745

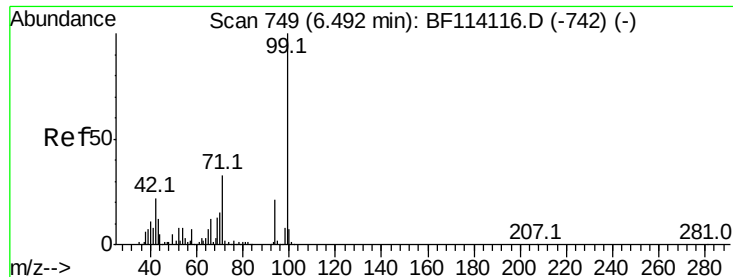
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:	93	Resp:	447733
Ion	Ratio	Lower	Upper
93	100		
66	79.0	33.2	49.8#
65	51.9	17.6	26.4#





#7

Phenol-d6

Concen: 135.145 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

PB119807BS

Tot Ion: 99 Resp: 1507899

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

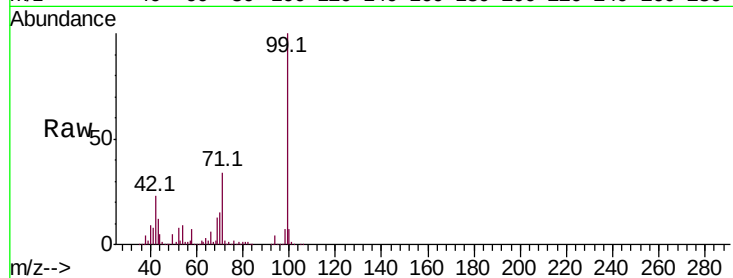
71 33.7 26.2 39.2

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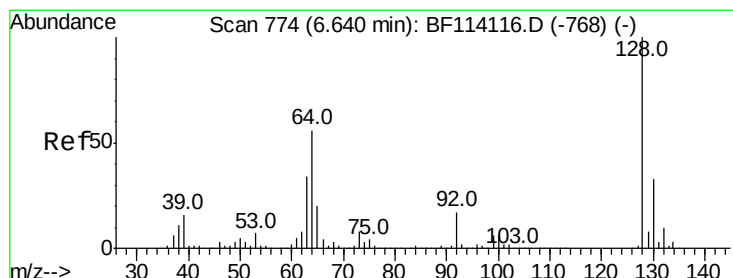
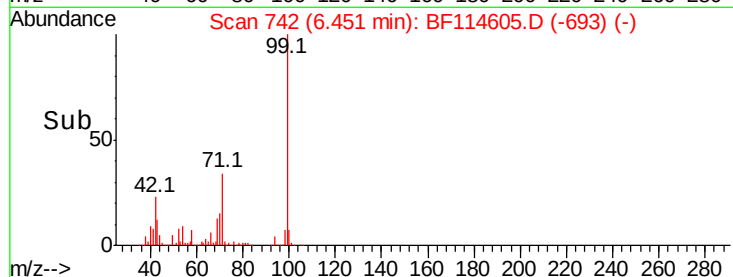
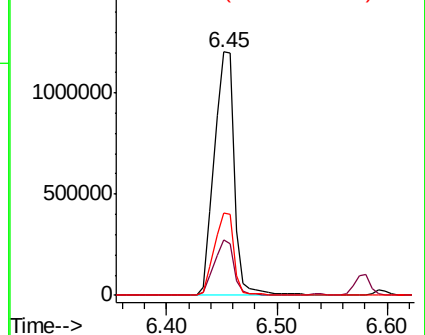
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.982 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

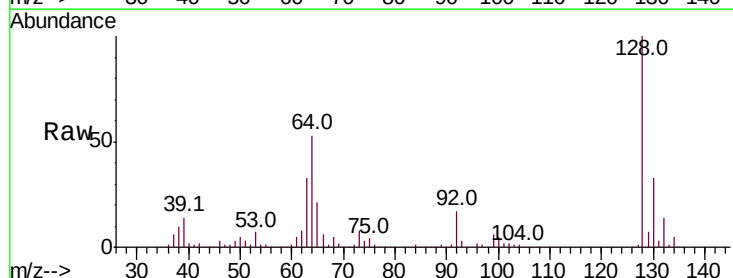
Tgt Ion: 128 Resp: 432876

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

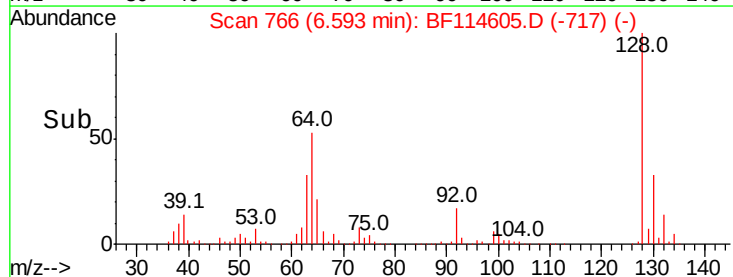
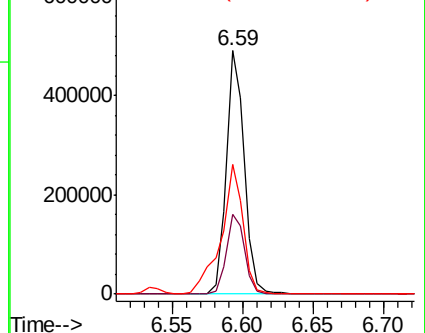
64 53.4 35.9 75.9

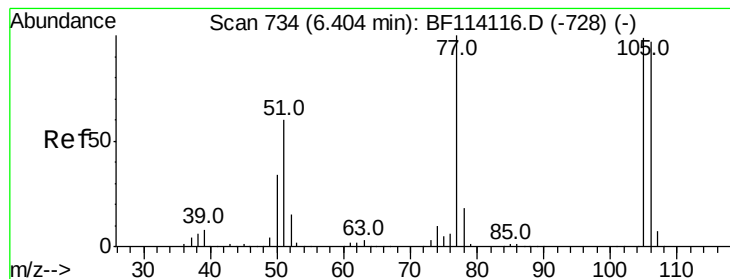


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.860 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

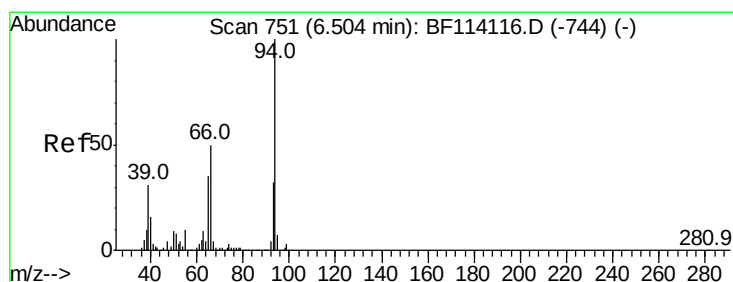
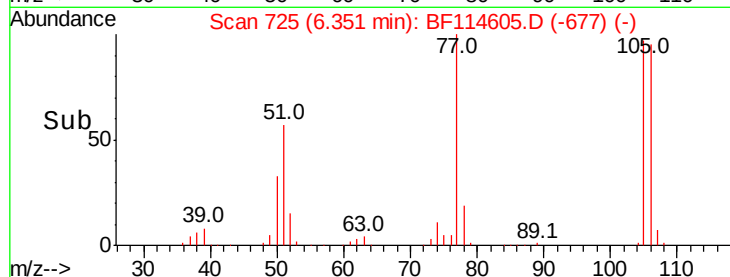
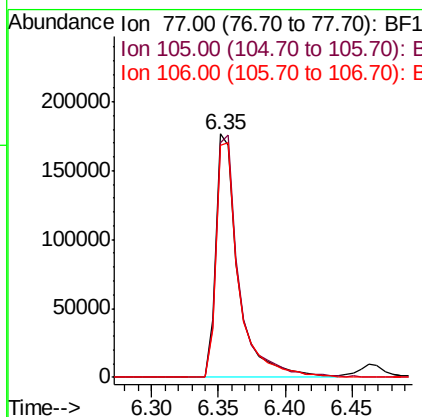
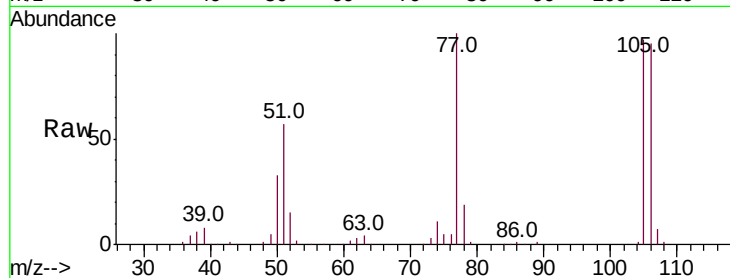
ClientSampleId :

PB119807BS

Tot Ion	77	Resp	209808
Ion	Ratio	Lower	Upper
77	100		
105	96.5	79.3	119.3
106	95.3	77.0	117.0

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#10

Phenol

Concen: 40.967 ng

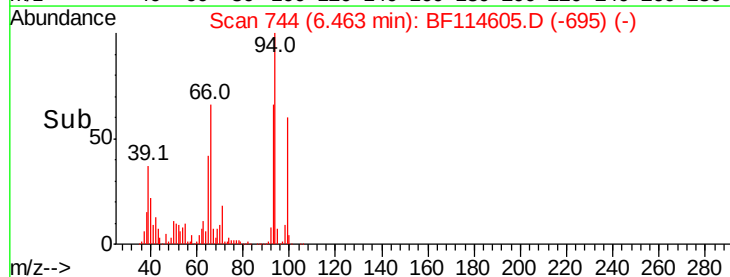
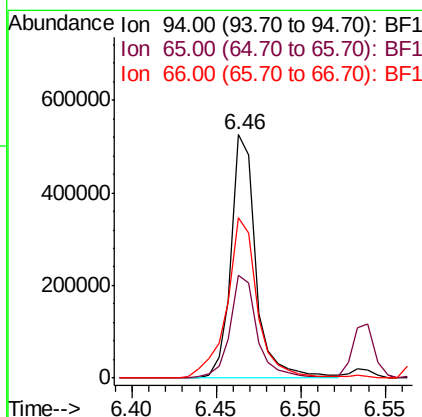
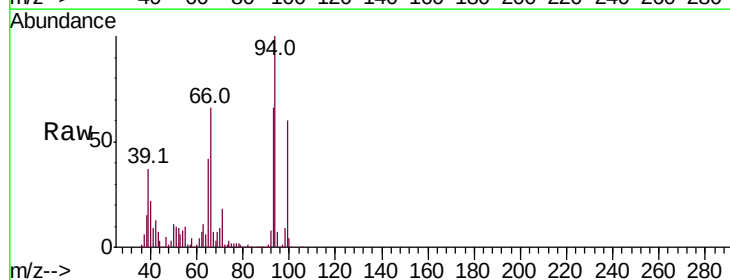
RT: 6.46 min Scan# 744

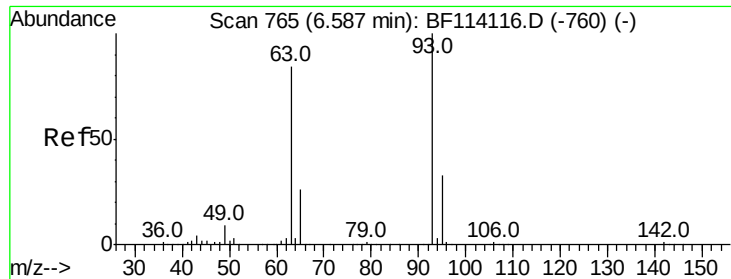
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion	94	Resp	537713
Ion	Ratio	Lower	Upper
94	100		
65	42.2	14.7	54.7
66	66.0	29.6	69.6





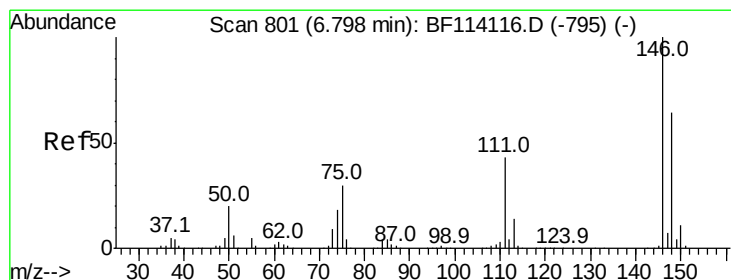
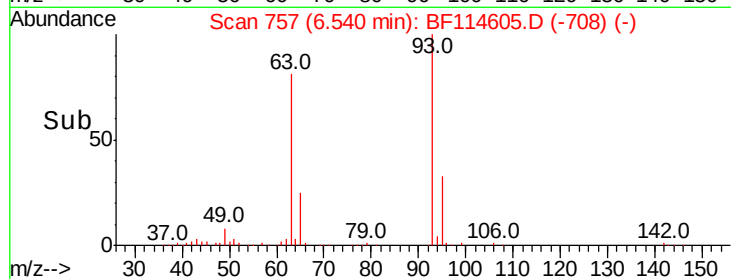
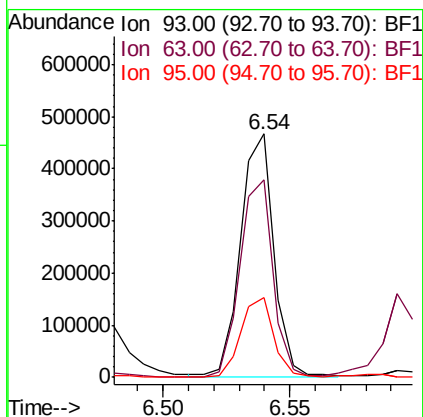
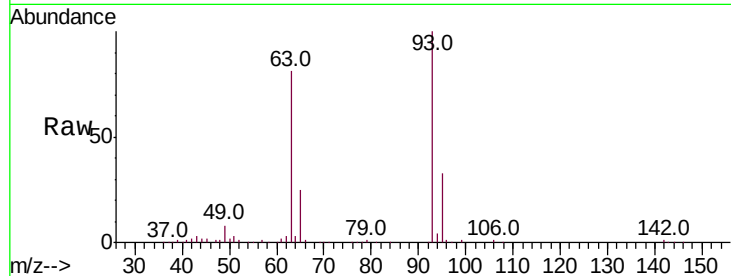
#11
bis(2-Chloroethyl)ether
Concen: 42.847 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	63.6	103.6
95	32.8	13.1	53.1

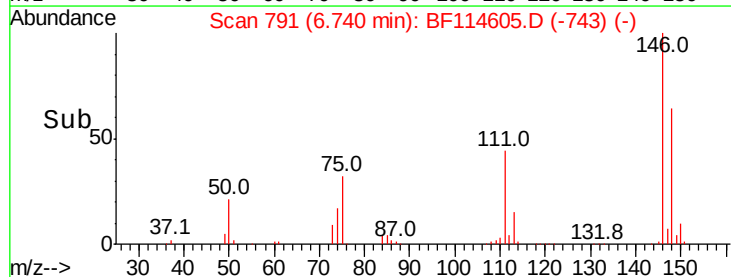
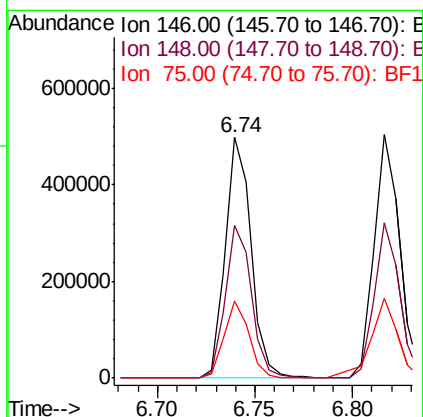
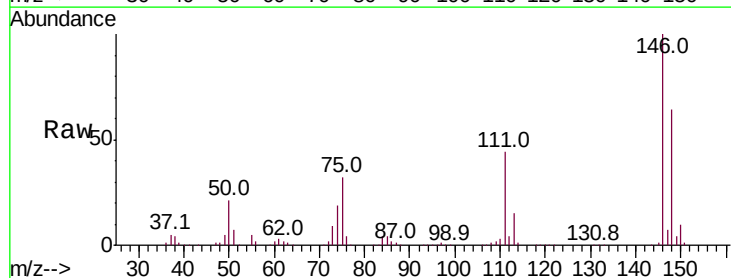
Manual Integrations
APPROVED

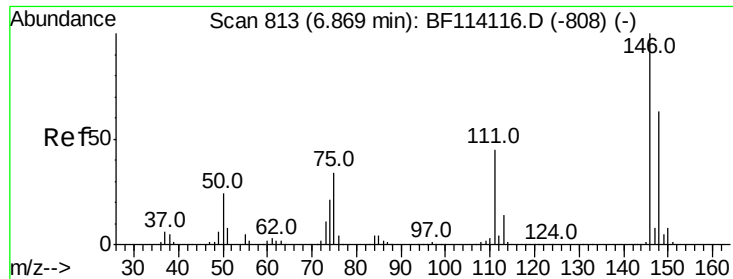
mohammad
5/27/2019 3:49:48 AM



#12
1,3-Dichlorobenzene
Concen: 40.475 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.6	77.4
75	32.3	24.2	36.2





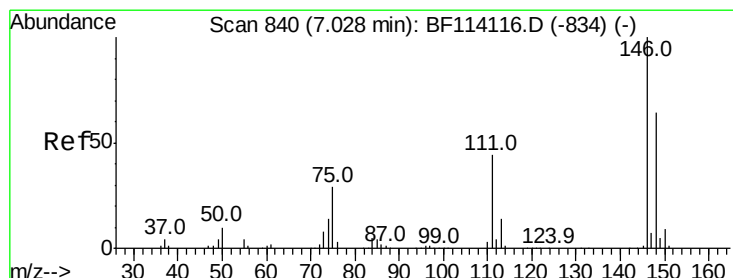
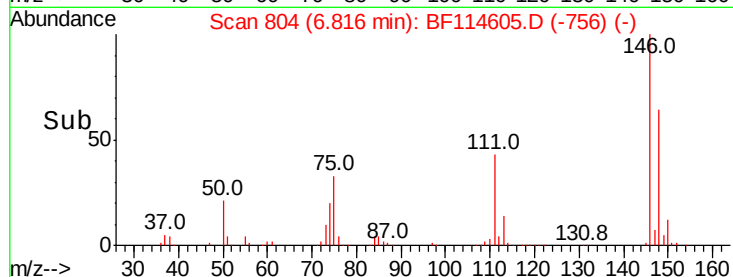
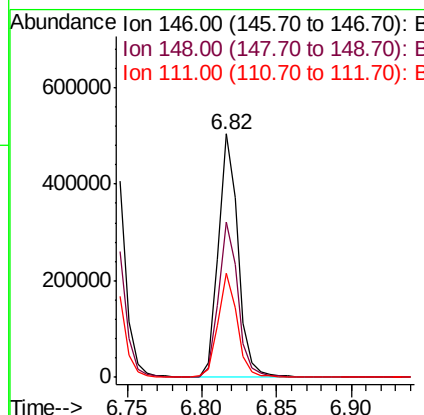
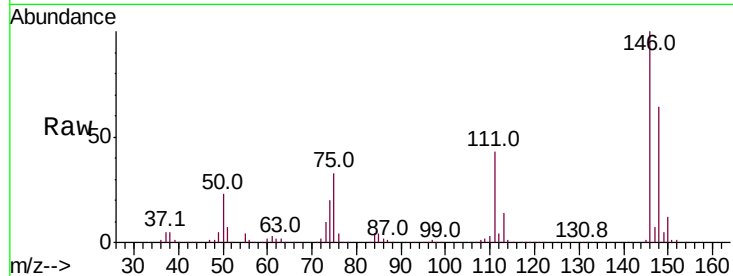
#13
 1,4-Dichlorobenzene
 Concen: 40.981 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	42.6	35.8	53.6

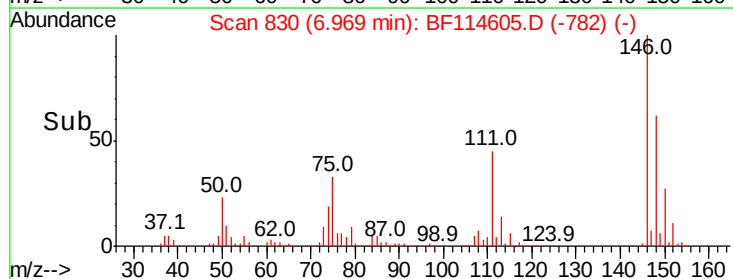
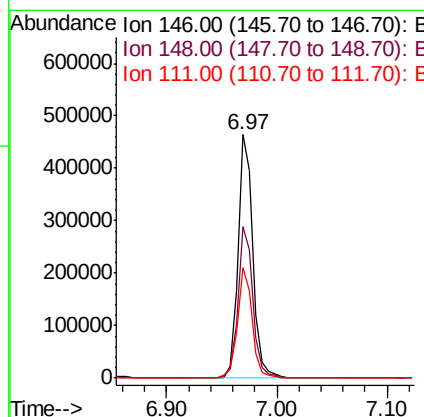
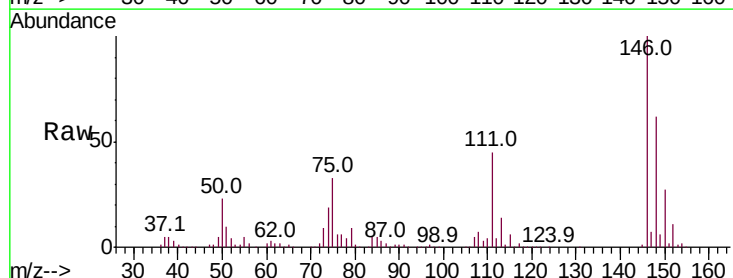
Manual Integrations
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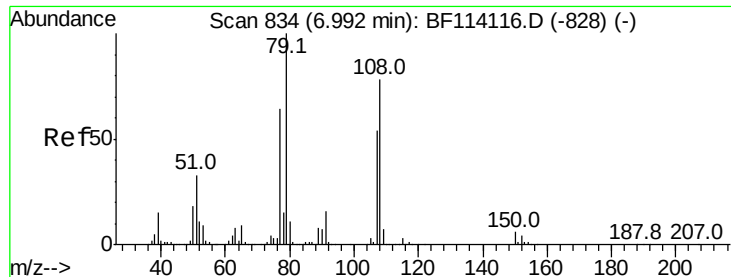
mohammad
 5/27/2019 3:49:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.725 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.1	76.7
111	45.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.862 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

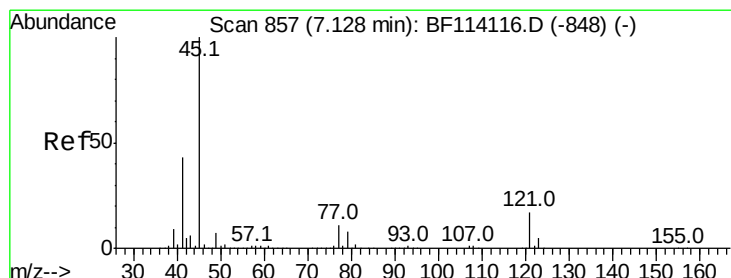
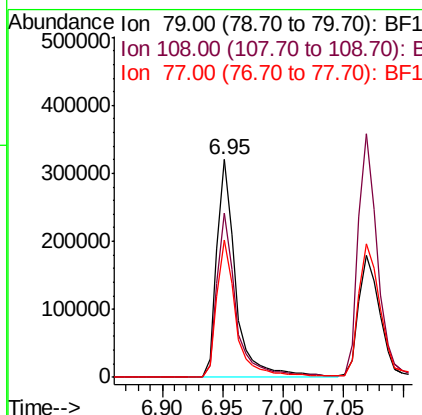
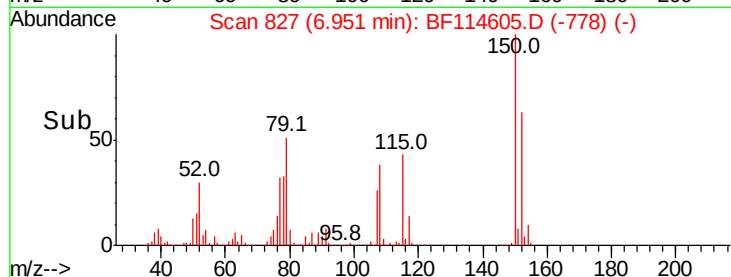
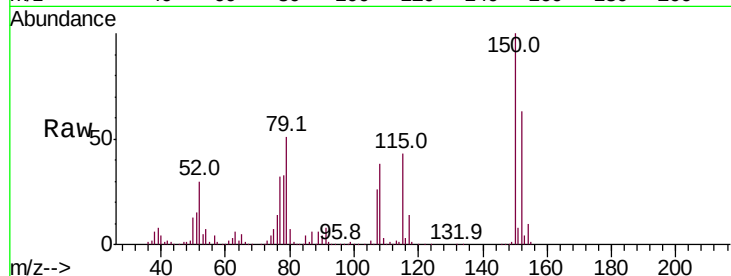
ClientSampled :

PB119807BS

Tot Ion:	79	Resp:	346887
Ion Ratio	Lower	Upper	
79	100		
108	75.4	62.1	93.1
77	63.2	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.225 ng

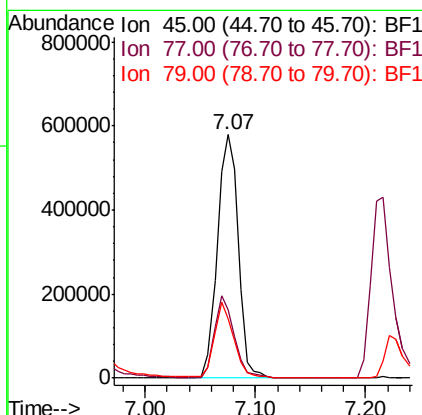
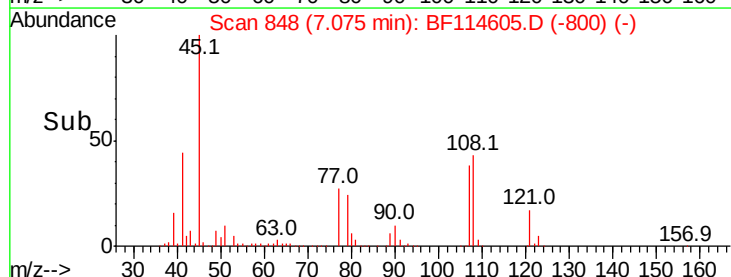
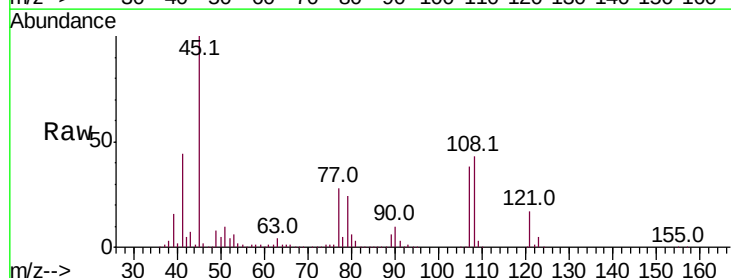
RT: 7.07 min Scan# 848

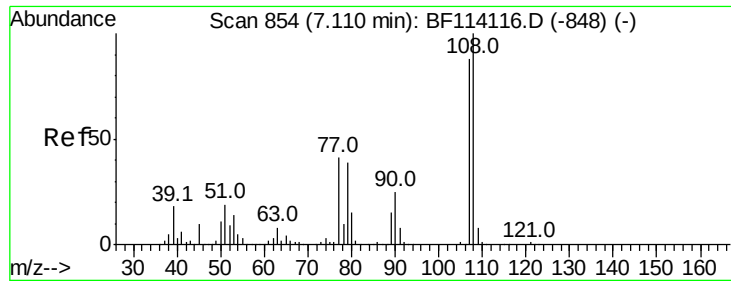
Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:	45	Resp:	757866
Ion Ratio	Lower	Upper	
45	100		
77	27.9	0.0	31.1
79	24.4	0.0	28.4





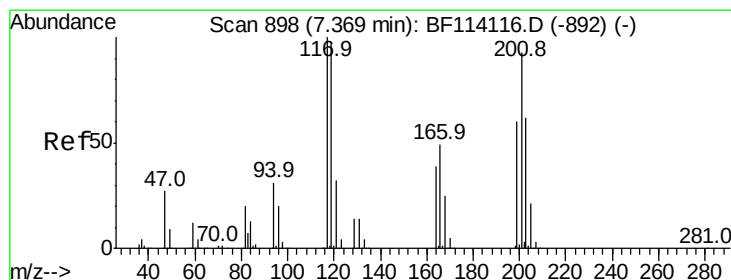
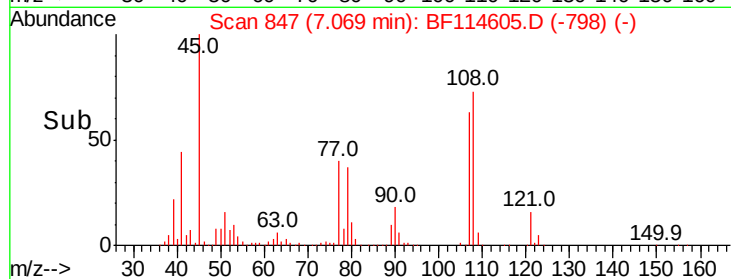
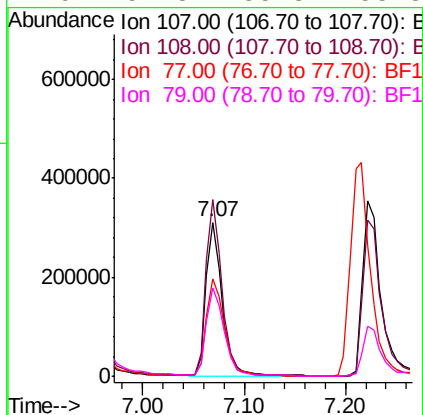
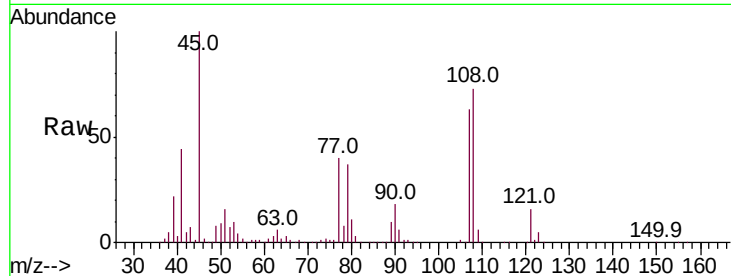
#17
2-Methylphenol
Concen: 41.499 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	90.5	135.7	
77	63.2	37.0	55.4	
79	57.8	35.8	53.8	

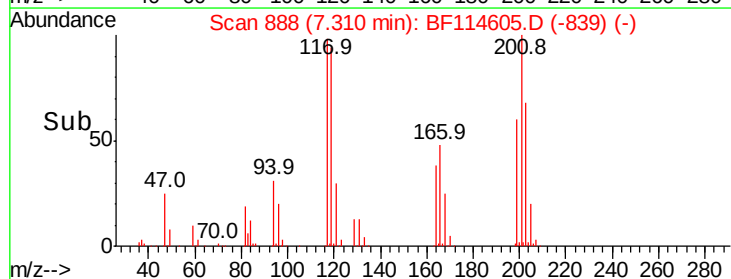
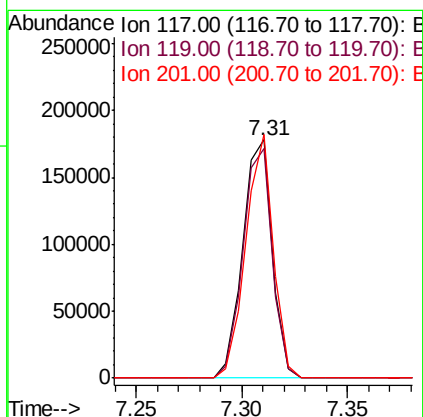
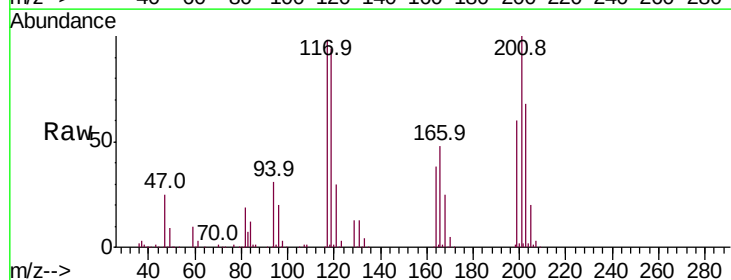
Manual Integrations
APPROVED

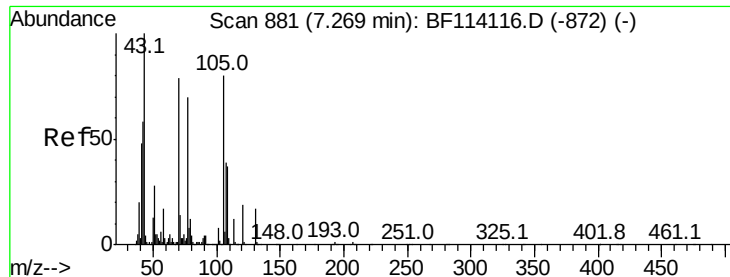
mohammad
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#18
Hexachloroethane
Concen: 40.186 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.2	
201	102.2	74.5	111.7	





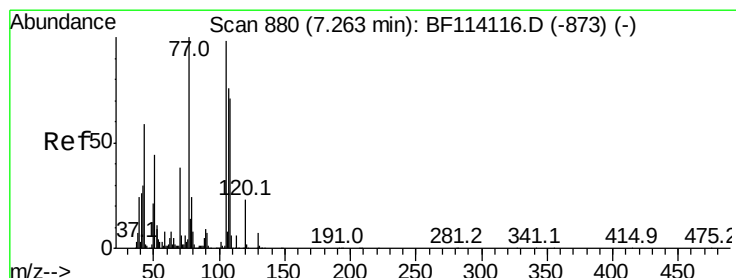
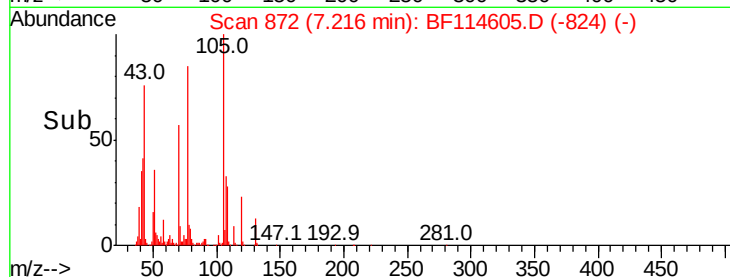
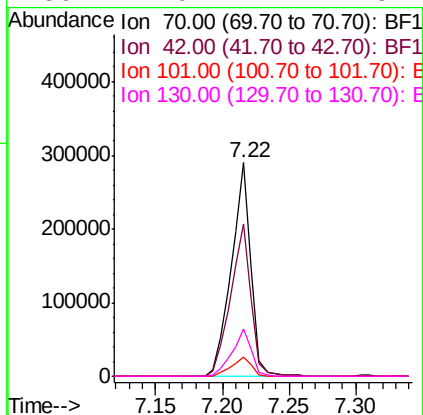
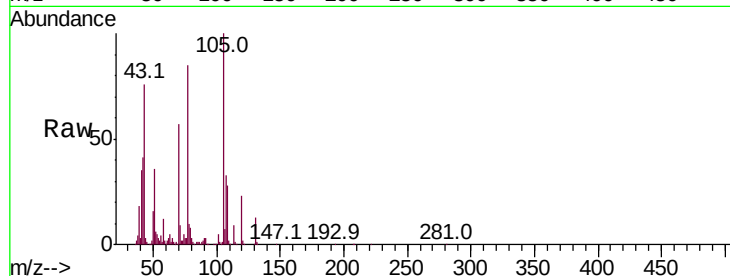
#19
n-Nitroso-di-n-propylamine
Concen: 42.265 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		298906		
42	71.5	58.6		87.8	
101	9.0	7.8		11.8	
130	22.0	17.1		25.7	

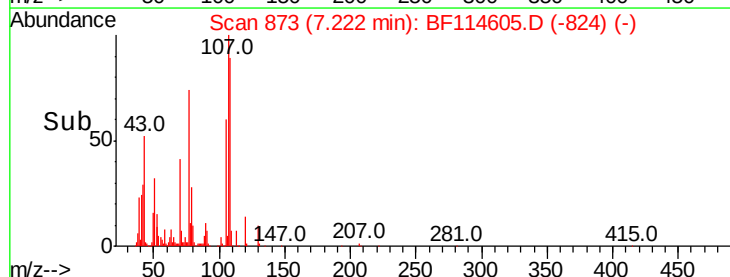
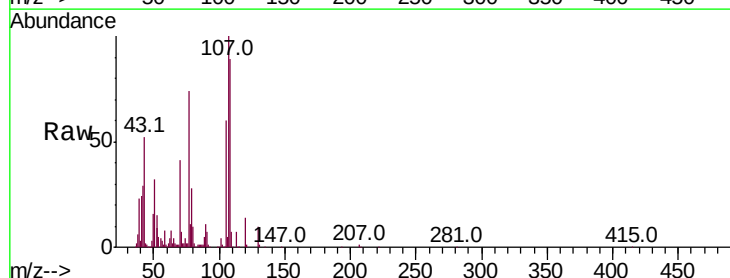
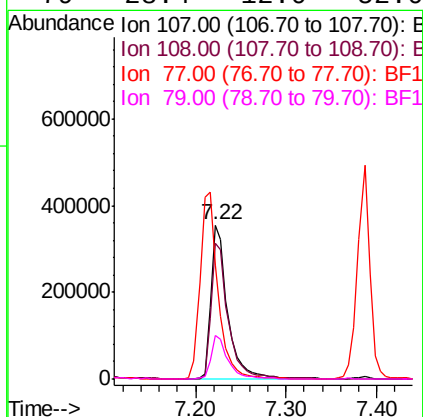
Manual Integrations
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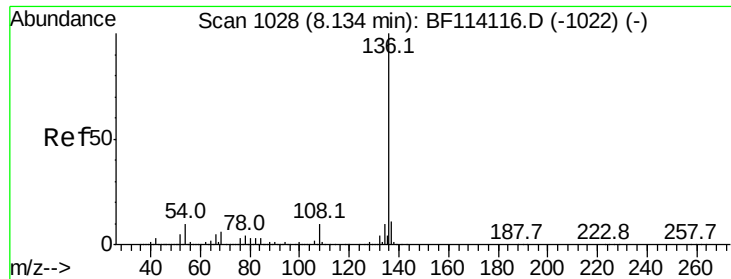
mohammad
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#20
3+4-Methylphenols
Concen: 47.458 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		453618		
108	88.6	73.8		113.8	
77	74.2	111.5		151.5#	
79	28.4	12.0		52.0	





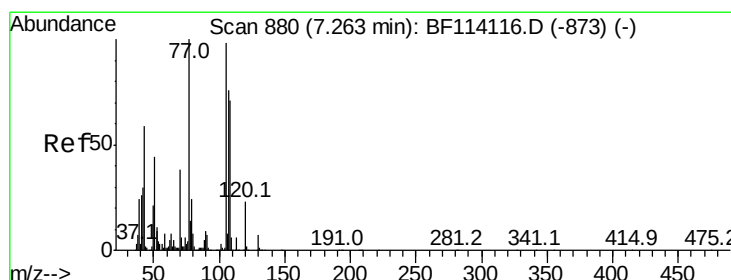
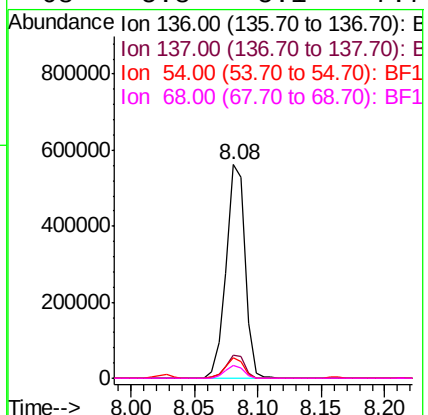
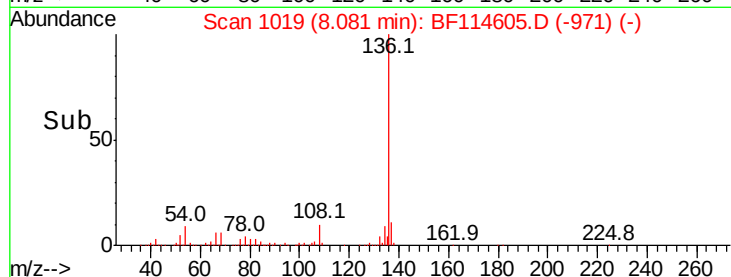
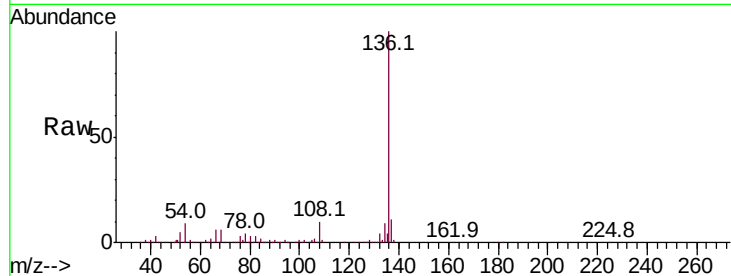
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	583343		
137	10.6		8.8	13.2
54	9.5		7.8	11.8
68	5.8		5.1	7.7

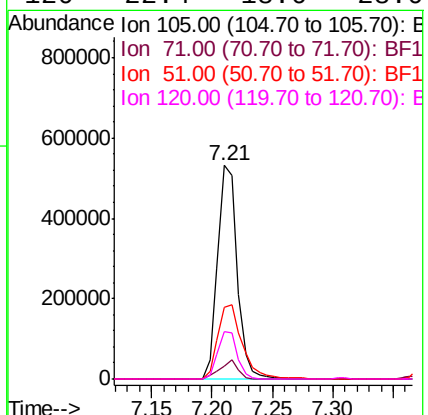
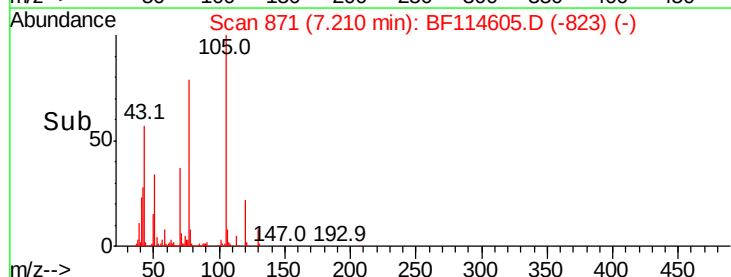
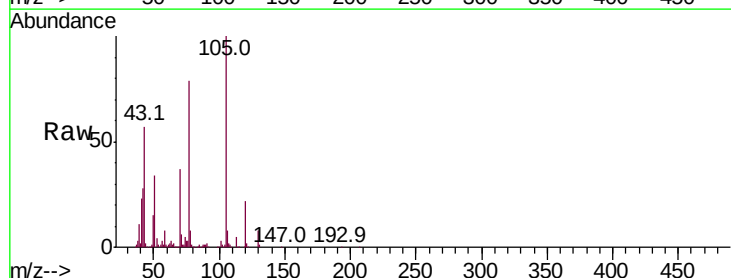
Manual Integrations
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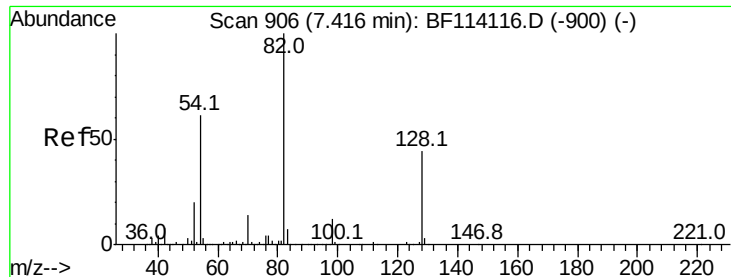
mohammad
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#22
Acetophenone
Concen: 45.930 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	593550		
71	6.1		5.3	7.9
51	33.9		36.2	54.4
120	22.4		18.6	28.0





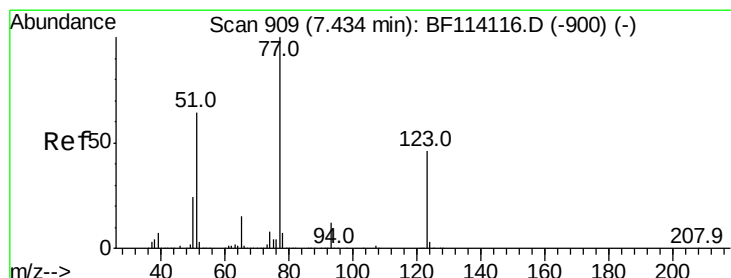
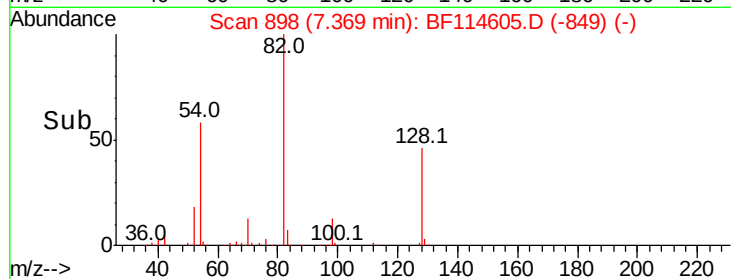
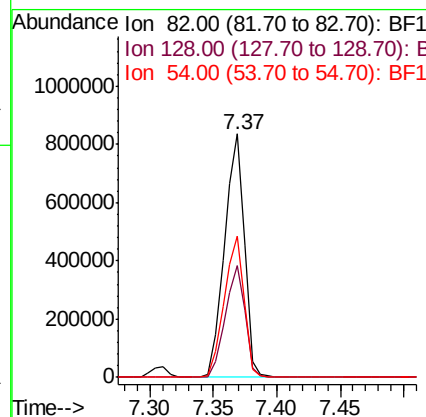
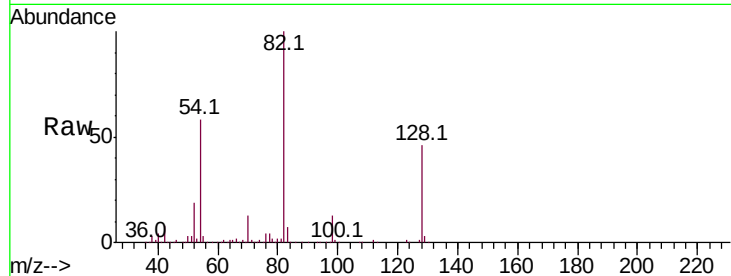
#23
Nitrobenzene-d5
Concen: 88.036 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampled :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	35.5	53.3	
54	58.3	48.5	72.7	

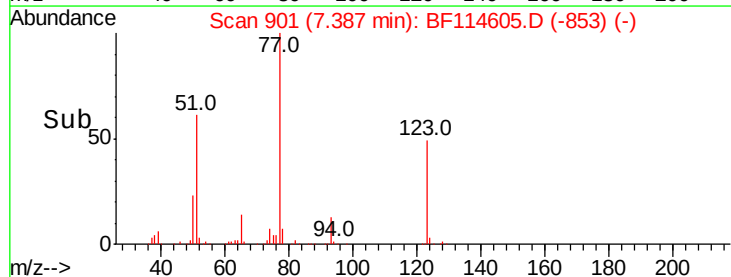
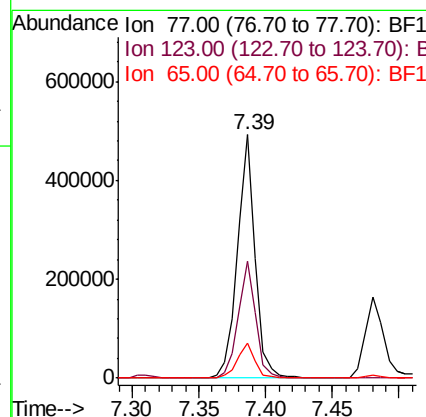
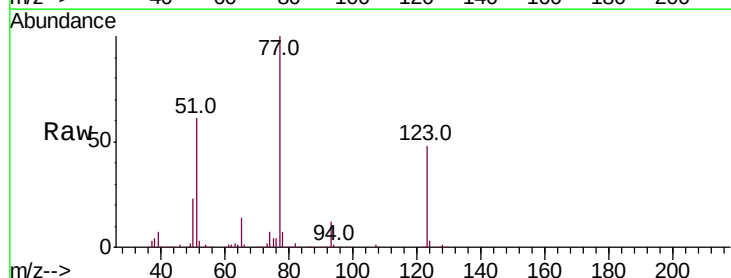
Manual Integrations
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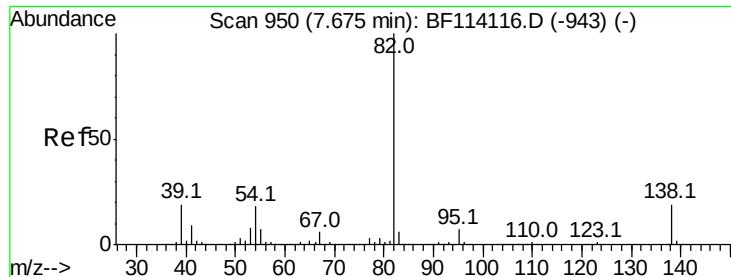
mohammad
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#24
Nitrobenzene
Concen: 43.180 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.2	36.9	55.3	
65	14.2	11.8	17.6	





#25

Isophorone

Concen: 43.336 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

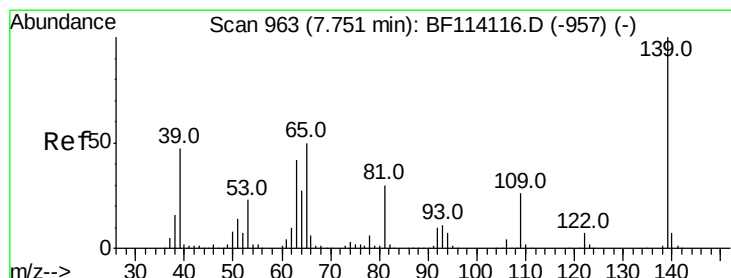
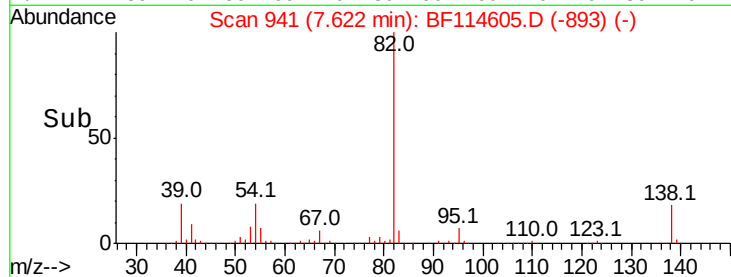
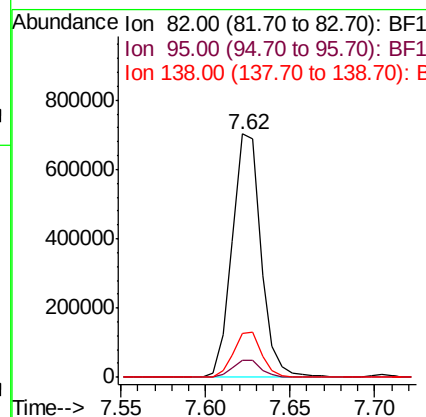
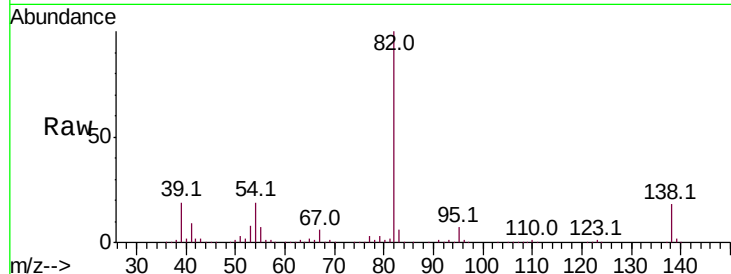
ClientSampleId :

PB119807BS

Tot Ion	82	Resp	835430
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.1	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.133 ng

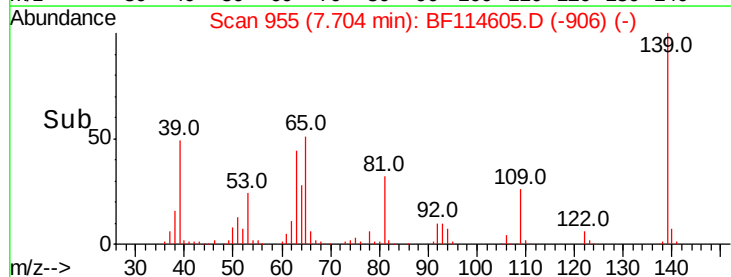
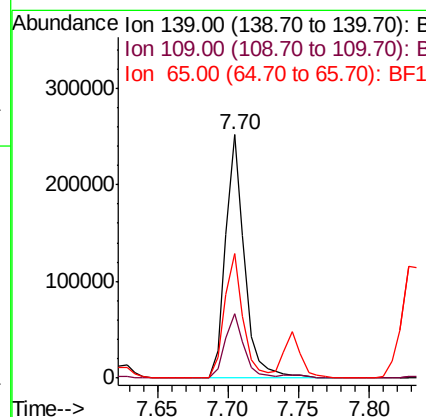
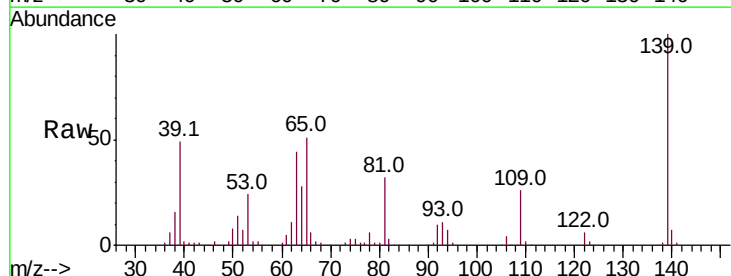
RT: 7.70 min Scan# 955

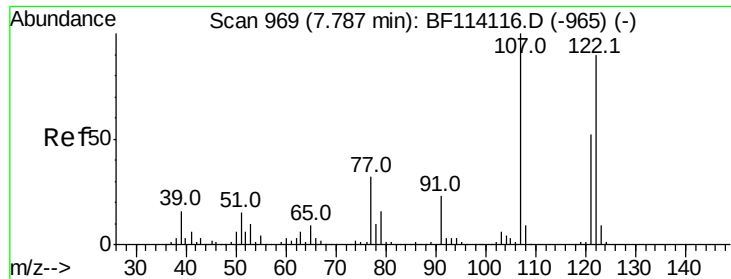
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion	139	Resp	236959
Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.7	31.1
65	51.1	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 48.262 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

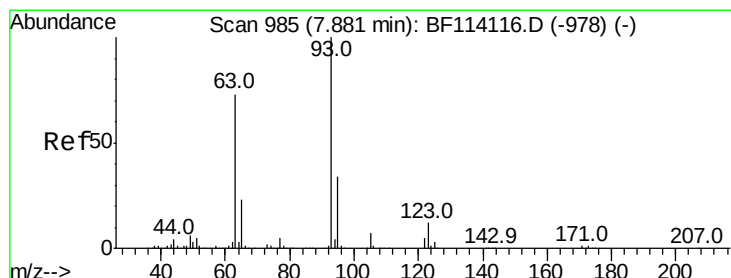
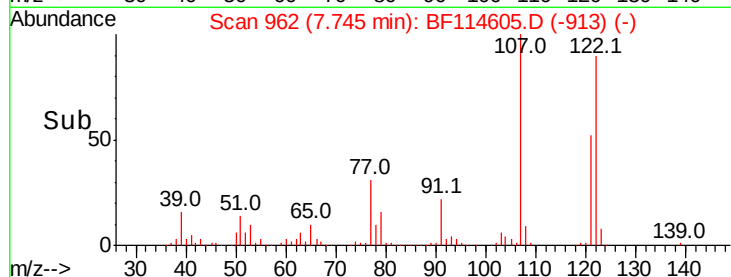
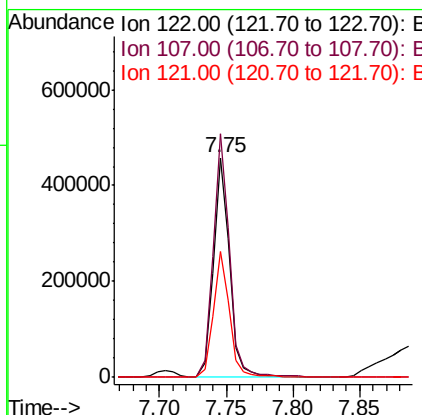
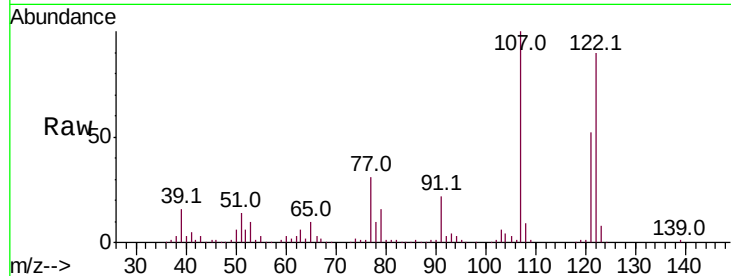
ClientSampleId :

PB119807BS

Tot Ion:	122	Resp:	389337
Ion Ratio	Lower	Upper	
122	100		
107	110.8	88.4	132.6
121	57.4	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 43.084 ng

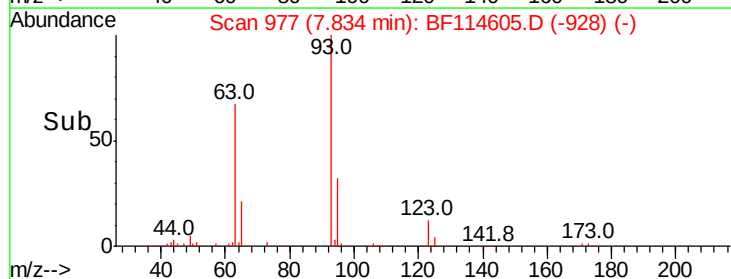
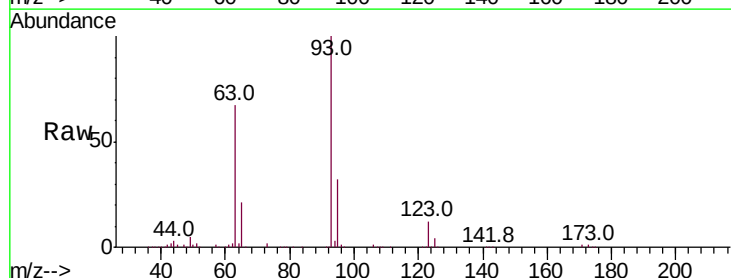
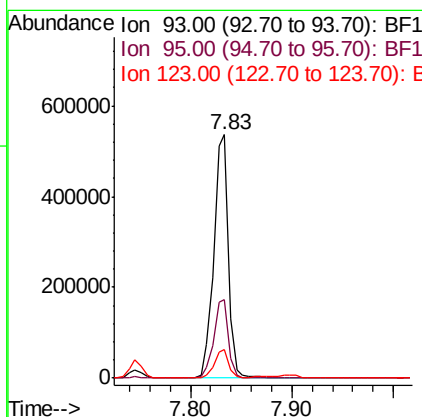
RT: 7.83 min Scan# 977

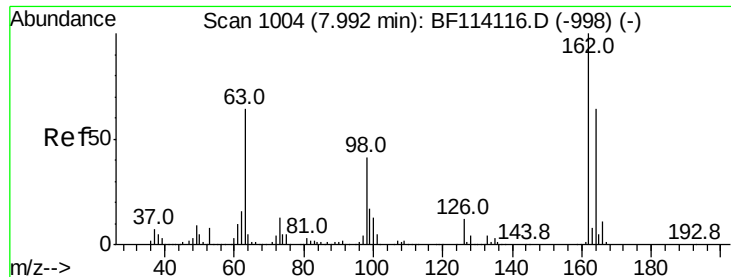
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:	93	Resp:	538896
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.8	40.2
123	11.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 46.477 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

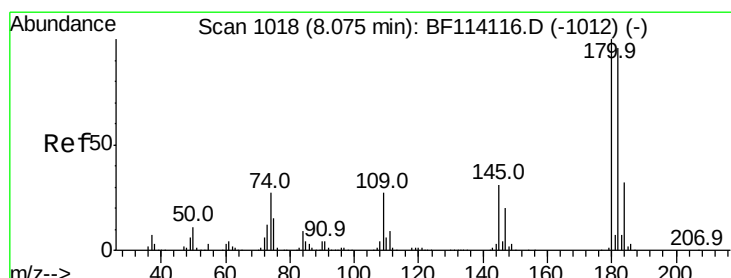
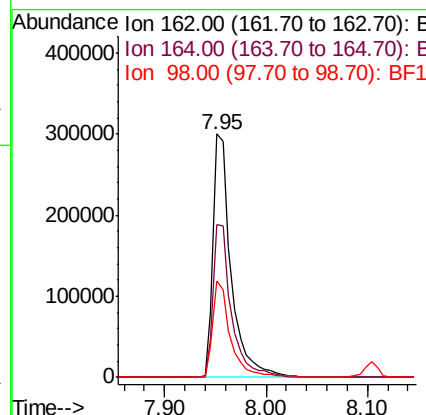
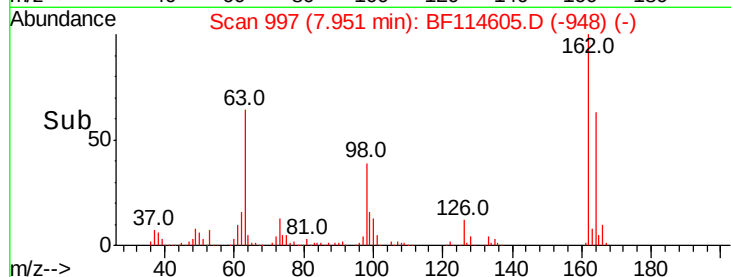
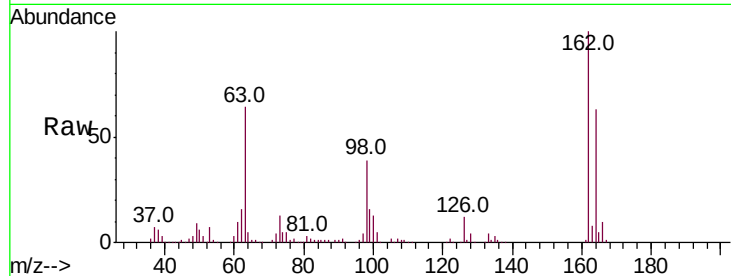
ClientSampleId :

PB119807BS

Tot Ion:	162	Resp:	373350
Ion Ratio	Lower	Upper	
162	100		
164	62.6	43.6	83.6
98	39.5	20.6	60.6

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#30

1,2,4-Trichlorobenzene

Concen: 43.154 ng

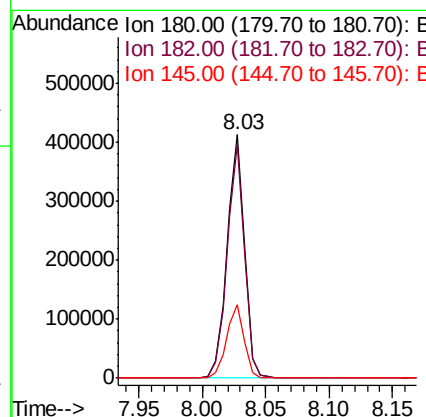
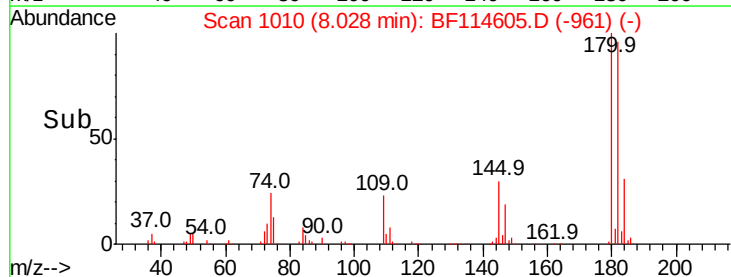
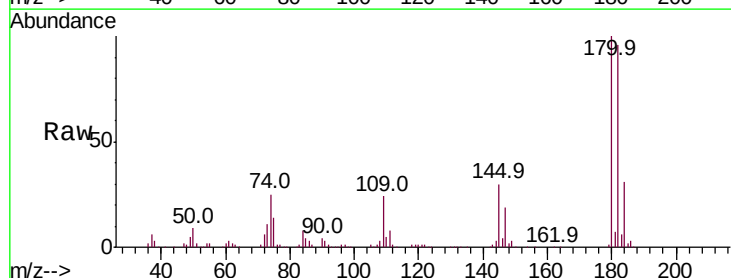
RT: 8.03 min Scan# 1010

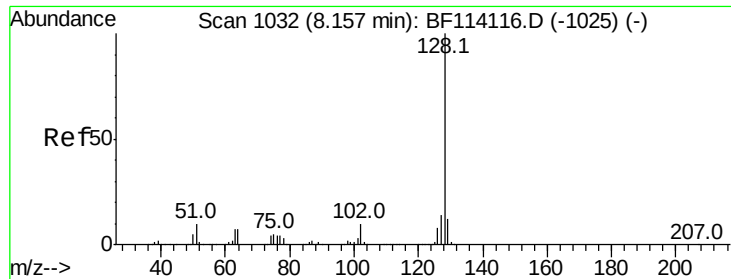
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:	180	Resp:	394188
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.6	114.8
145	30.2	25.1	37.7





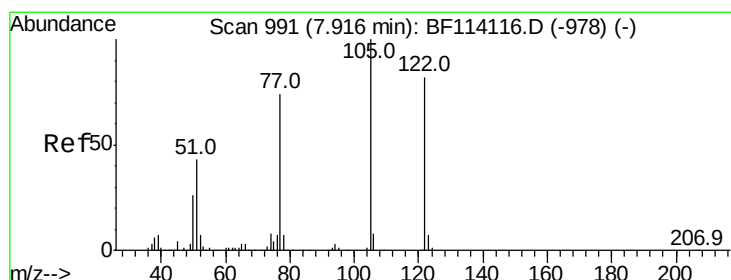
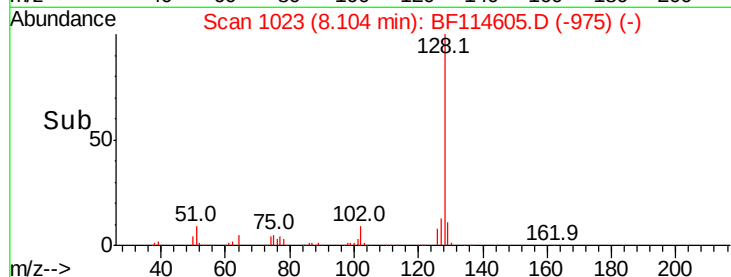
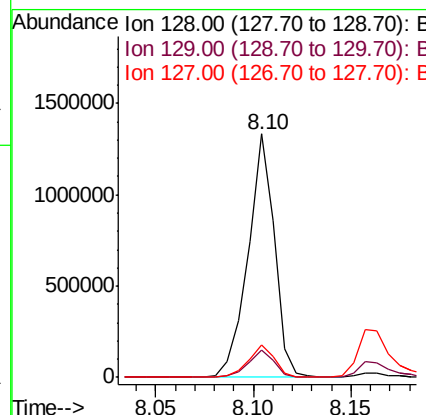
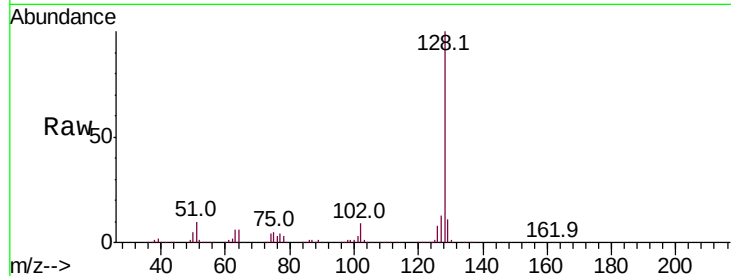
#31
Naphthalene
Concen: 45.844 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	13.2	11.3	16.9

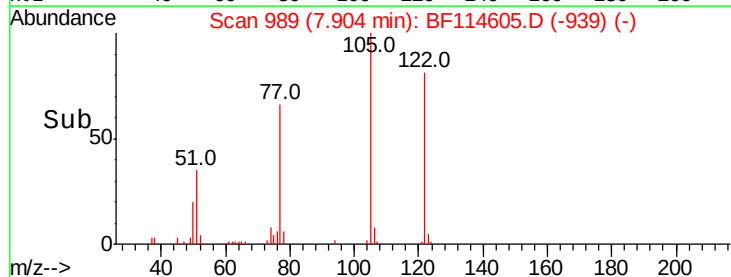
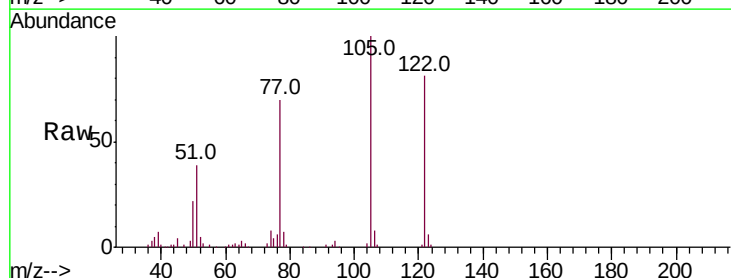
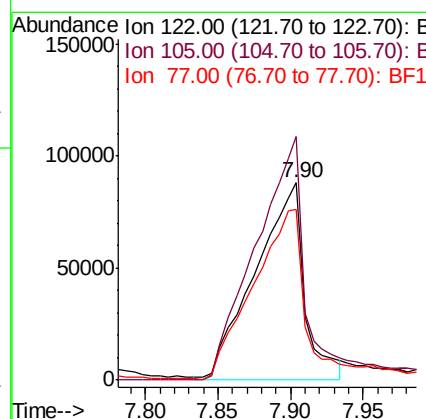
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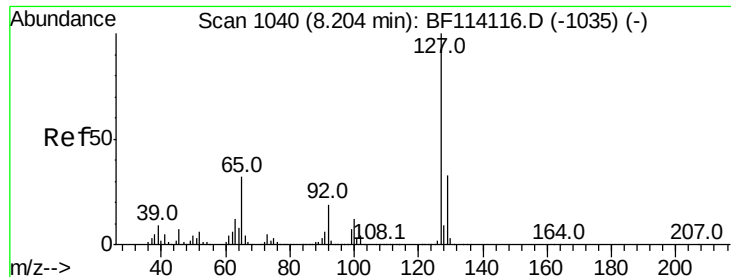
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#32
Benzoic acid
Concen: 38.028 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	99.9	139.9
77	86.3	69.4	109.4





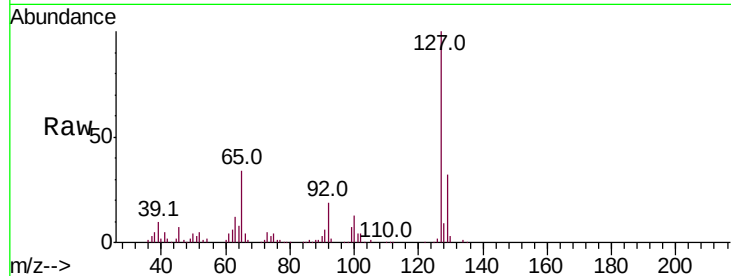
#33
4-Chloroaniline
Concen: 26.601 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

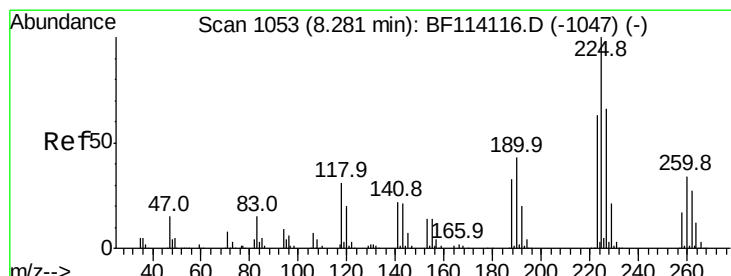
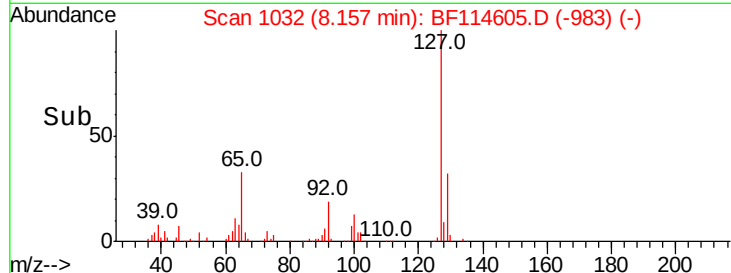
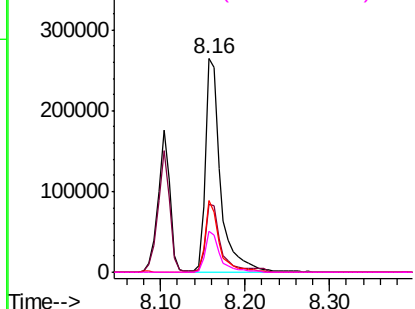
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.7	40.1	
65	33.7	25.4	38.0	
92	18.9	15.4	23.2	

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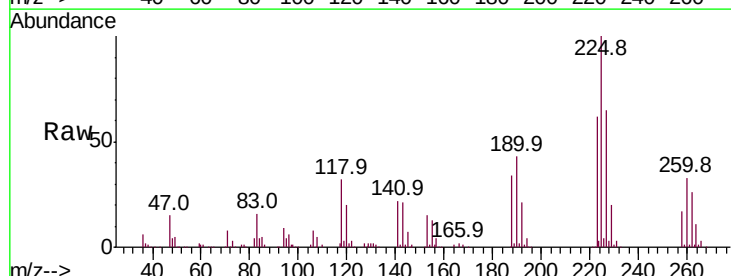


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

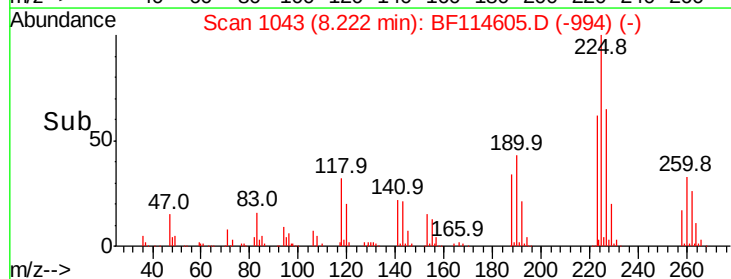
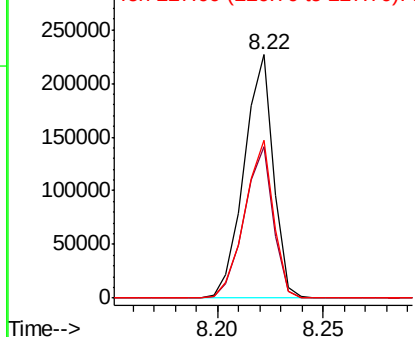


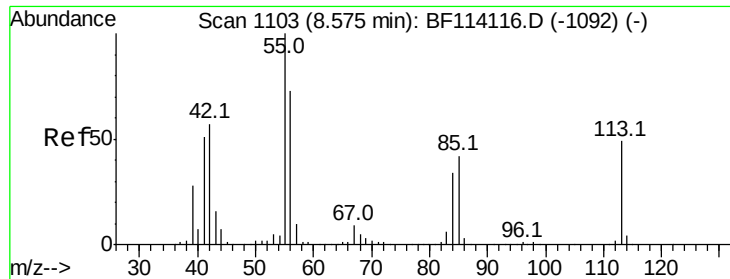
#34
Hexachlorobutadiene
Concen: 42.041 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	50.2	75.2	
227	64.9	52.6	79.0	



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





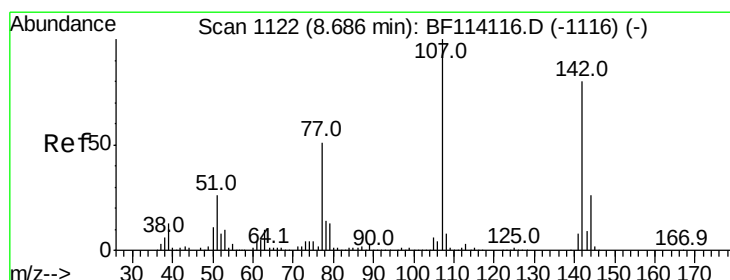
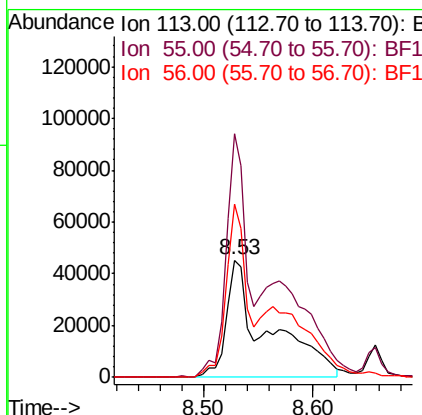
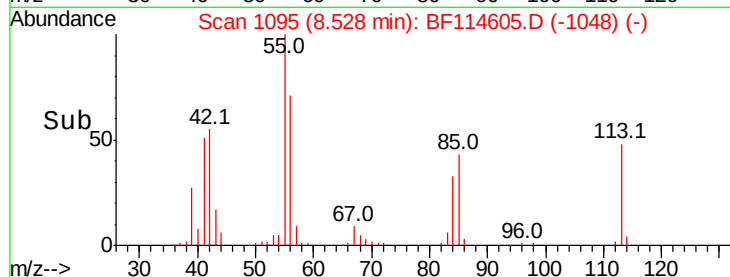
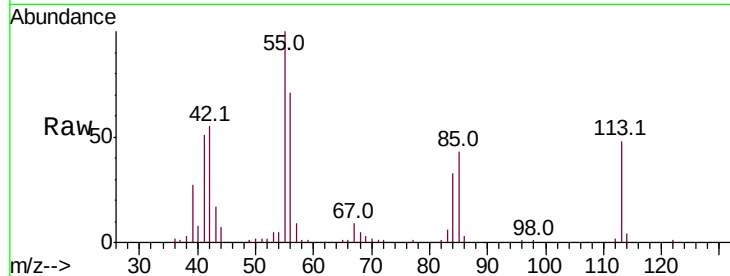
#35
 Caprolactam
 Concen: 45.020 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleID :
 PB119807BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	207.8	183.5	223.5		
56	147.3	128.8	168.8		

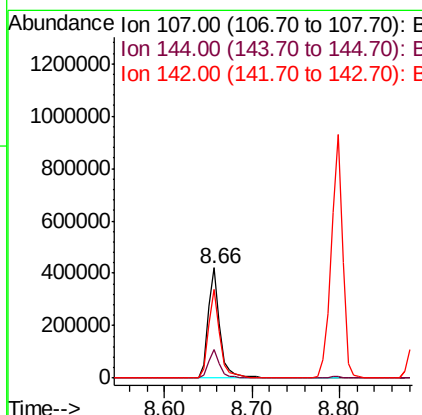
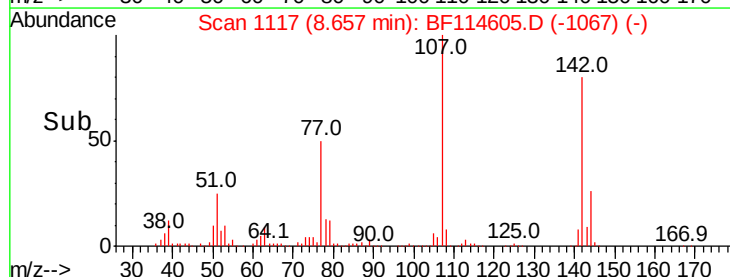
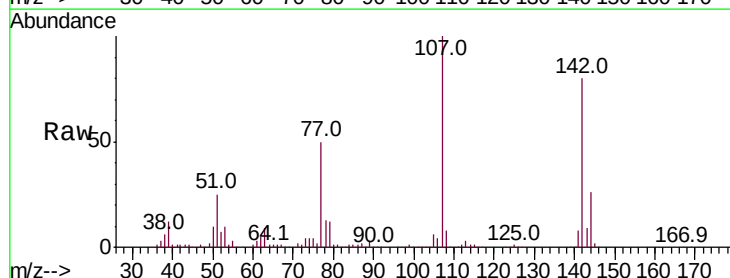
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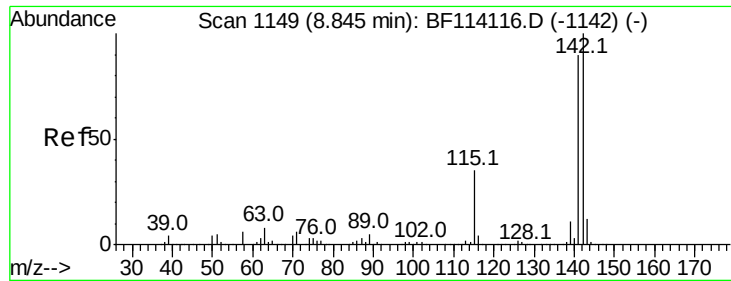
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#36
 4-Chloro-3-methylphenol
 Concen: 48.122 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6	20.4	30.6		
142	80.2	64.2	96.4		





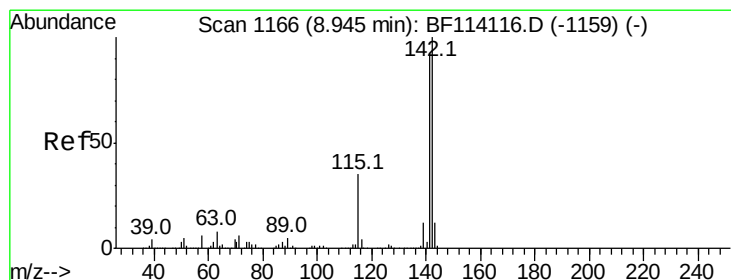
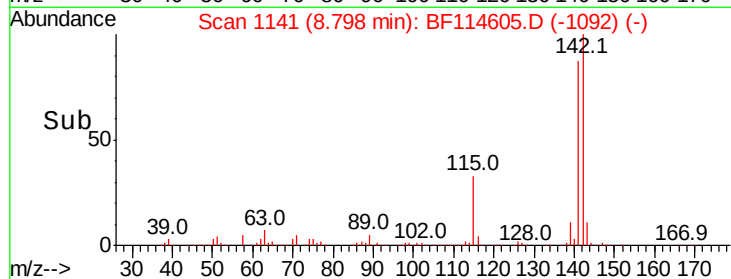
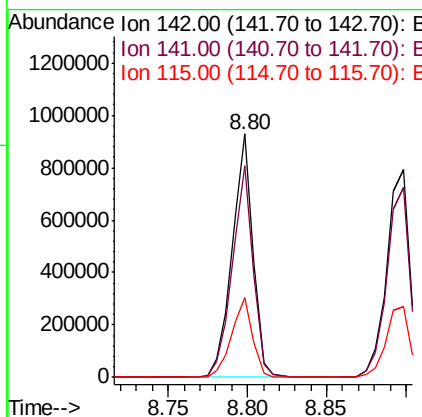
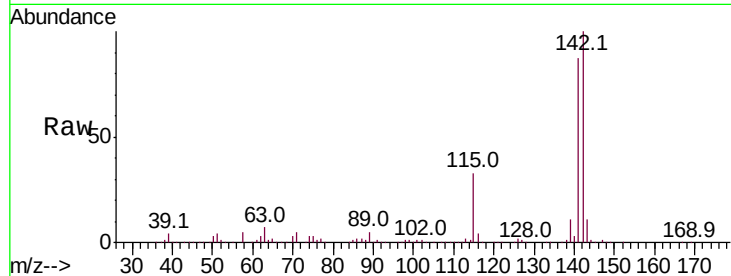
#37
 2-Methylnaphthalene
 Concen: 48.201 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.1	108.1
115	32.7	28.0	42.0

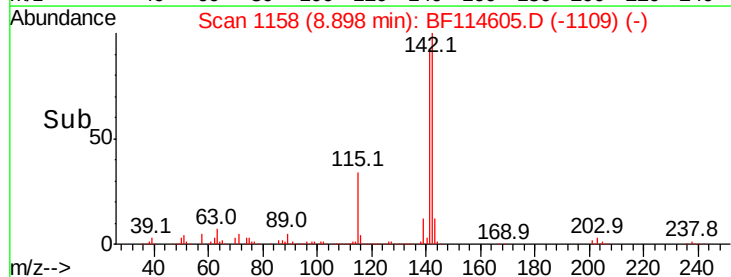
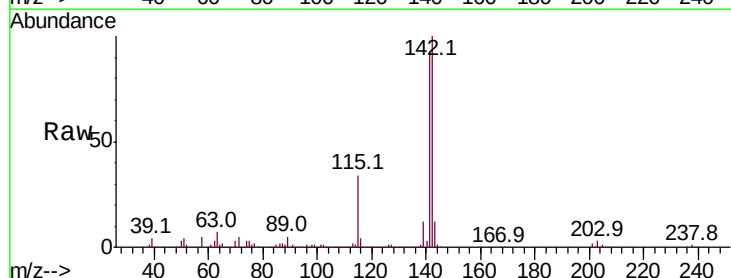
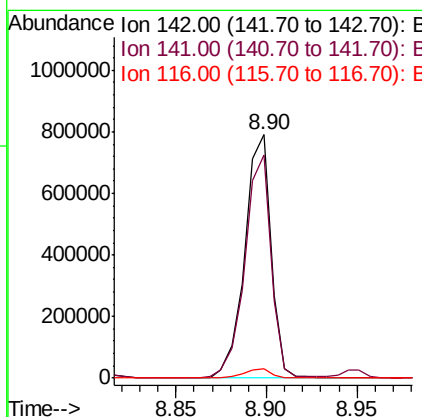
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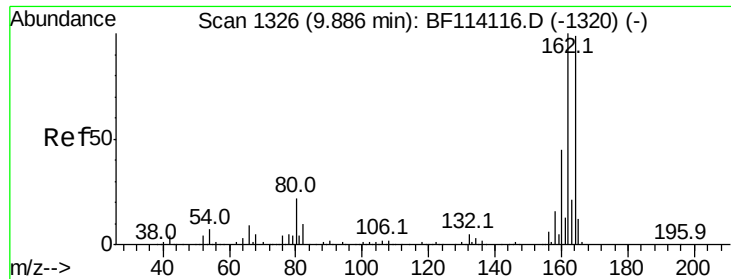
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#38
 1-Methylnaphthalene
 Concen: 47.859 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.7	3.1	4.7





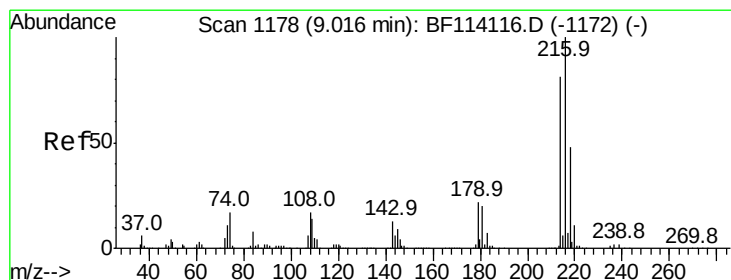
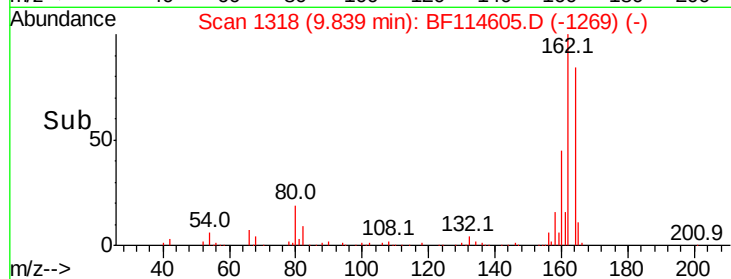
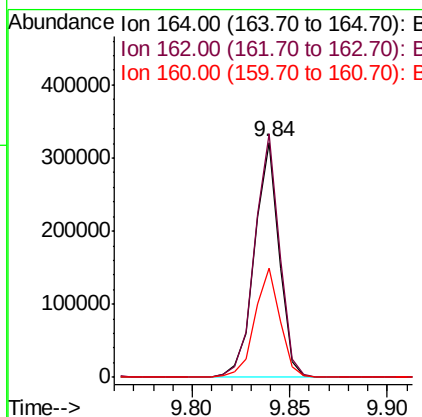
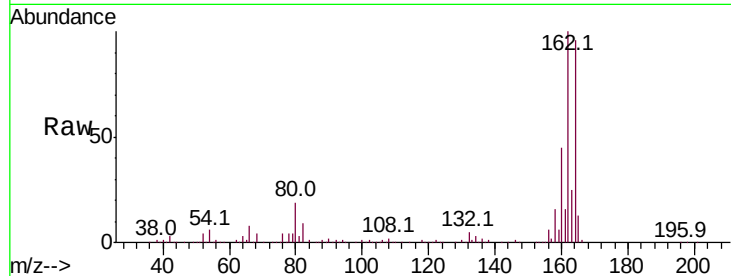
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	80.6	120.8	
160	46.6	36.5	54.7	

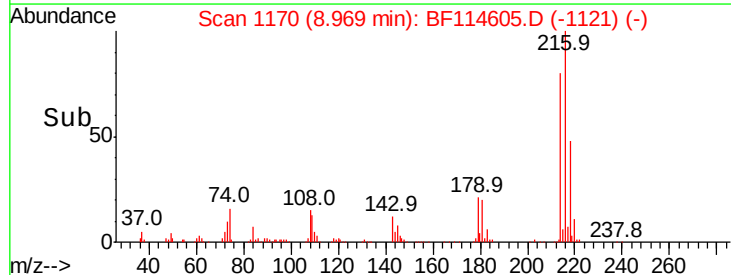
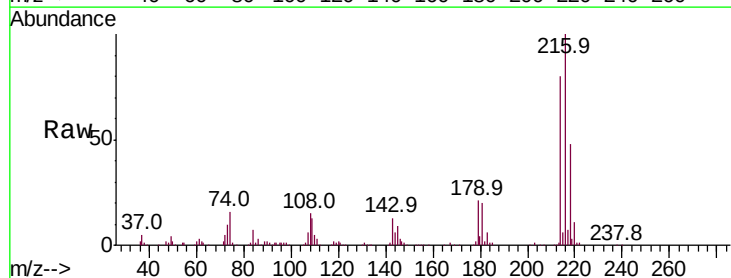
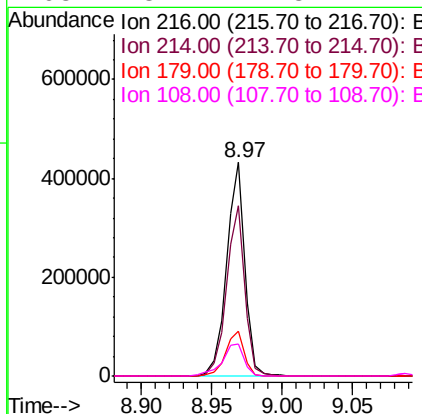
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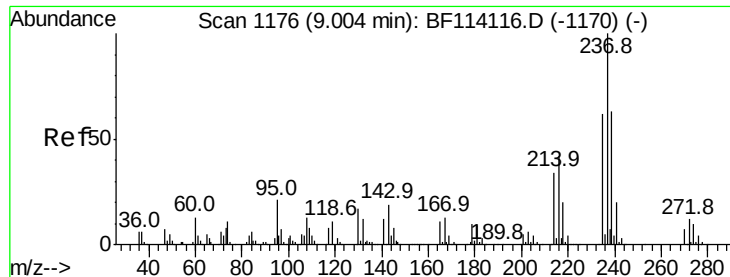
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.157 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.9	95.9	
179	21.2	17.0	25.6	
108	18.4	14.8	22.2	





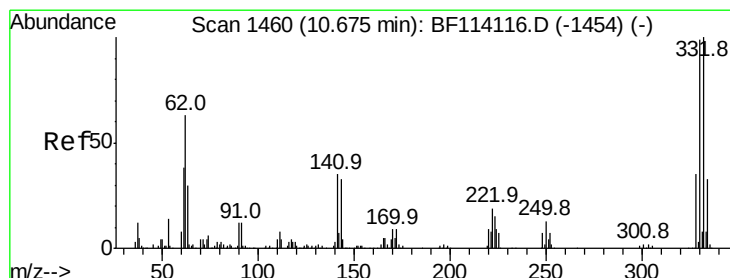
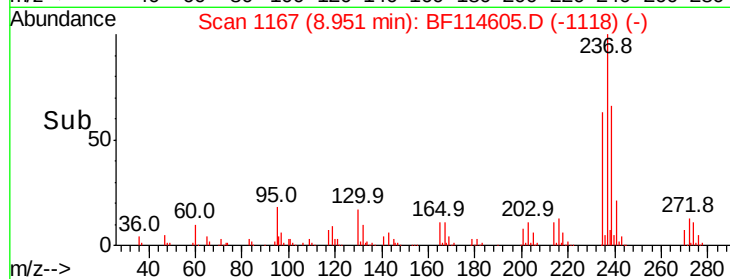
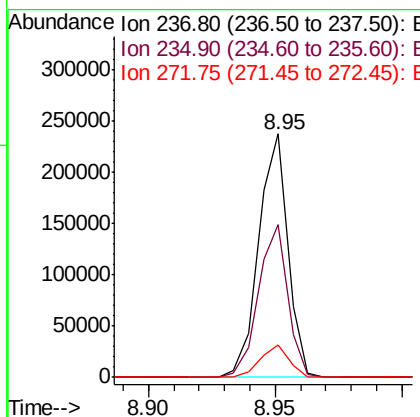
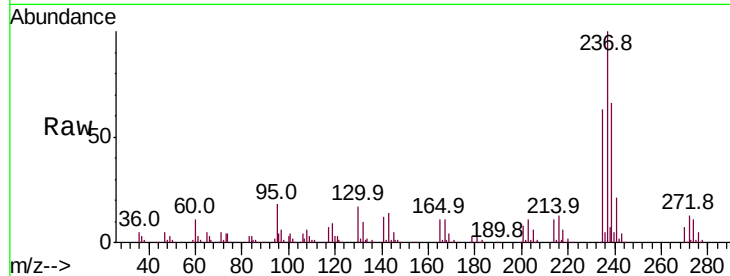
#41
Hexachlorocyclopentadiene
Concen: 50.086 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	191783		
235	63.0	42.0	82.0	
272	13.2	0.0	32.4	

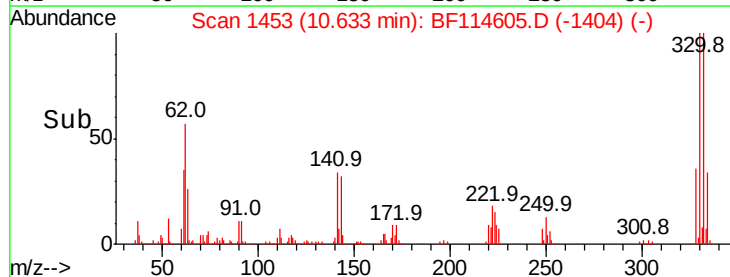
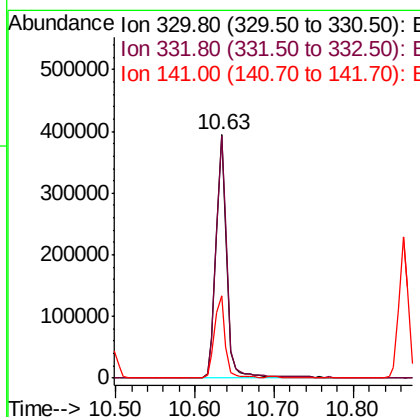
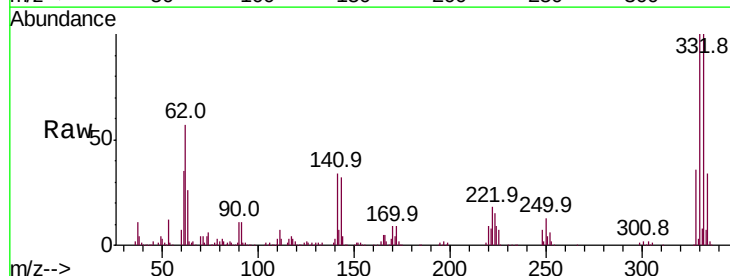
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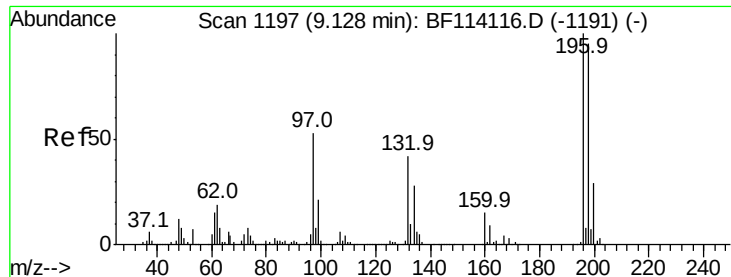
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#42
2,4,6-Tribromophenol
Concen: 130.916 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	380202		
332	101.1	81.4	122.2	
141	33.1	26.6	40.0	





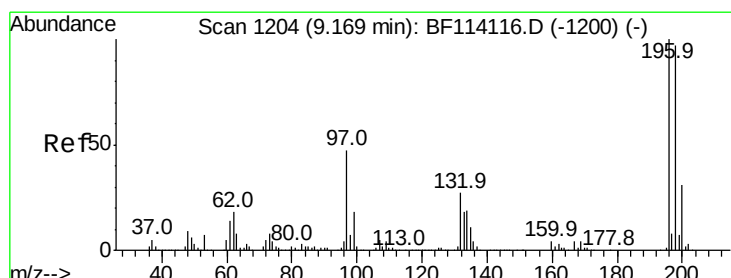
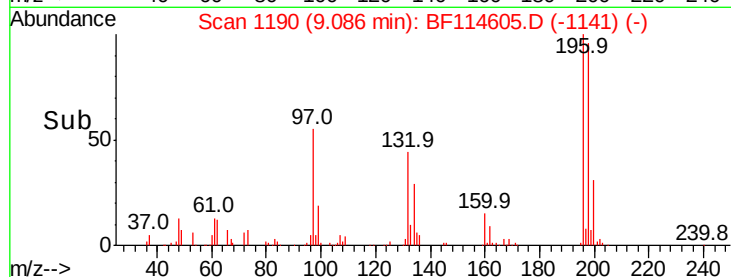
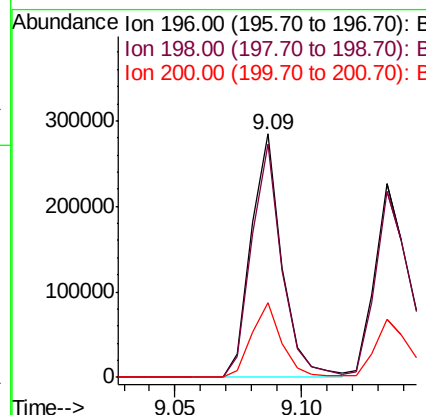
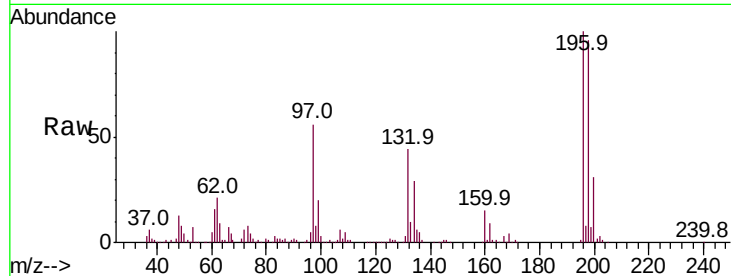
#43
 2,4,6-Trichlorophenol
 Concen: 41.139 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	240790		
198	95.9	75.9	113.9	
200	30.7	23.5	35.3	

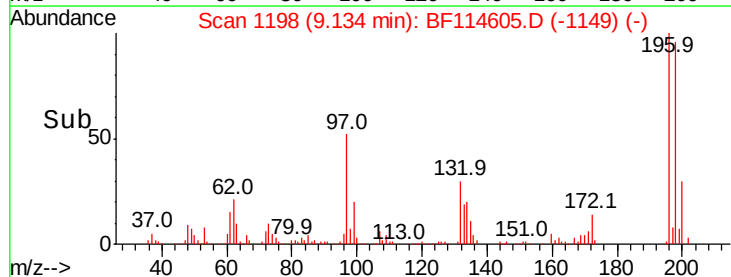
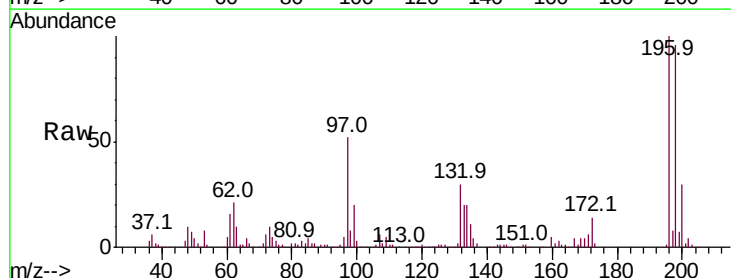
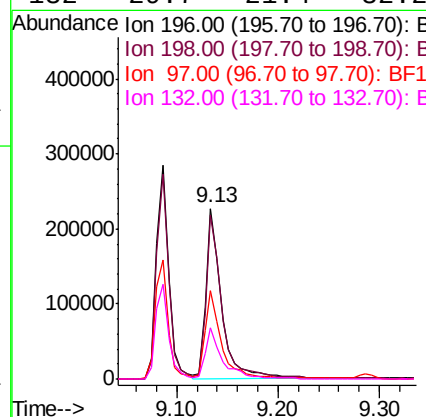
Manual Integrations
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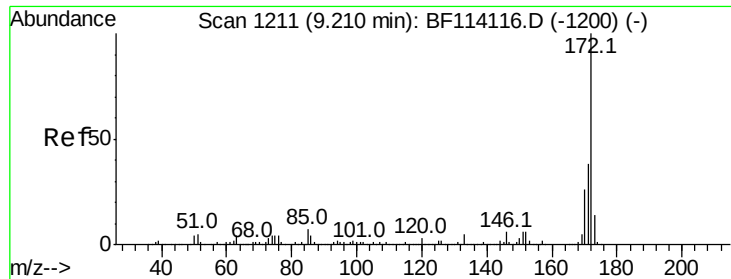
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.923 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245641		
198	96.0	77.7	116.5	
97	51.9	38.2	57.2	
132	29.7	21.4	32.2	





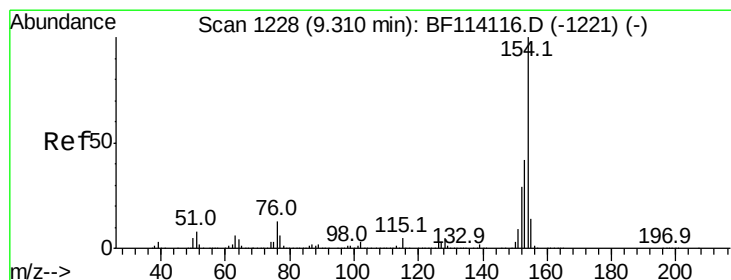
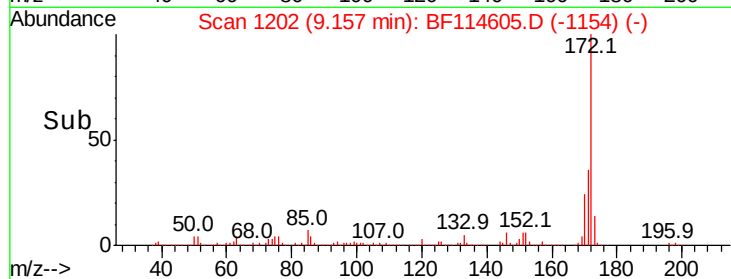
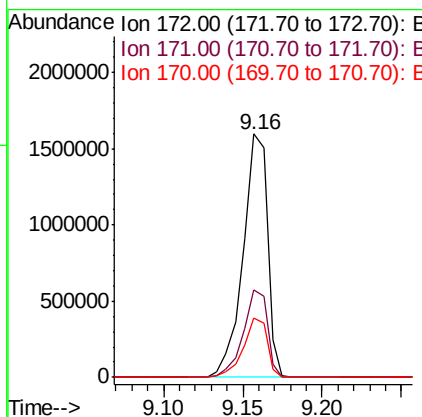
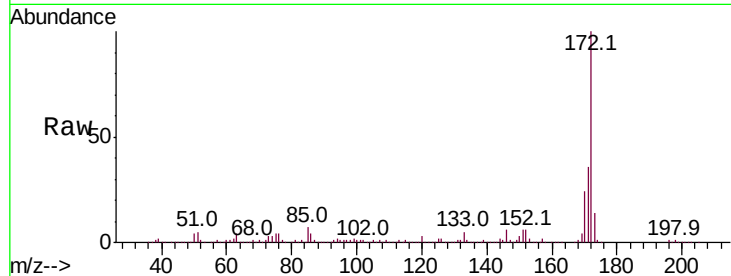
#45
2-Fluorobiphenyl
Concen: 91.808 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion:172 Resp: 1704937
Ion Ratio Lower Upper
172 100
171 35.7 30.7 46.1
170 24.2 20.5 30.7

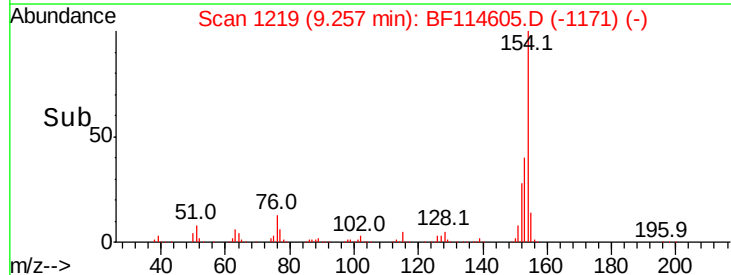
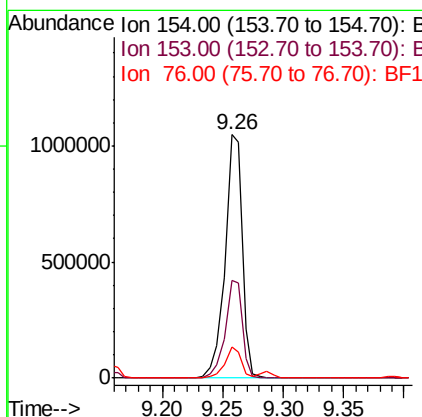
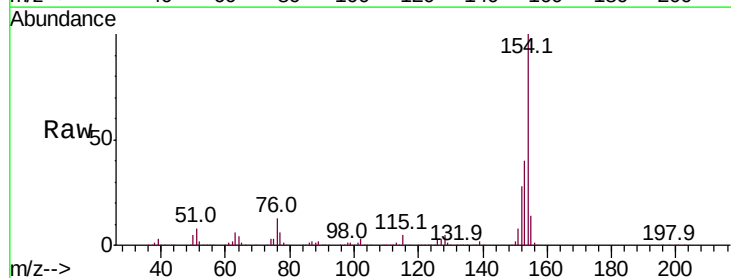
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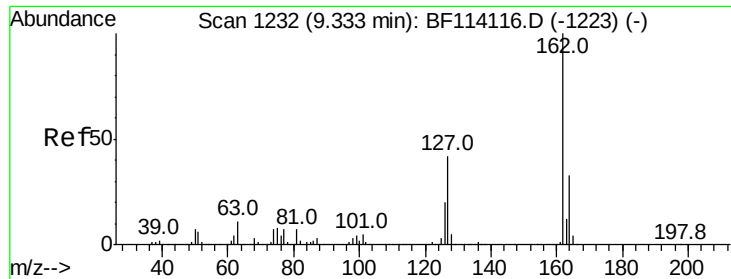
mohammad
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#46
1,1'-Biphenyl
Concen: 45.584 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:154 Resp: 1034470
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 13.0 0.0 32.8





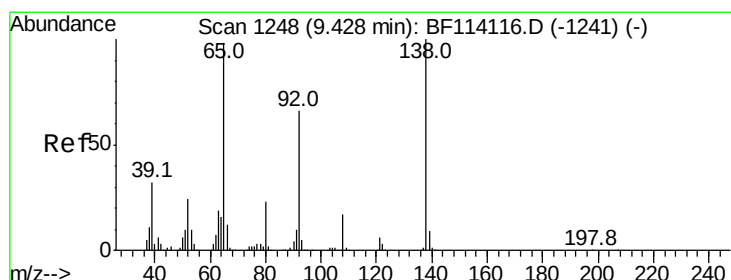
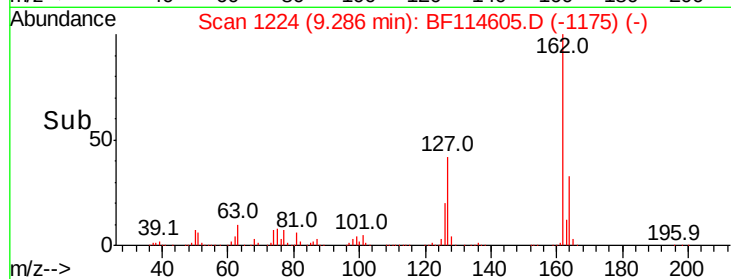
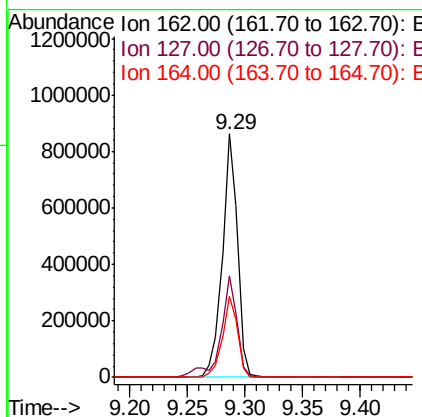
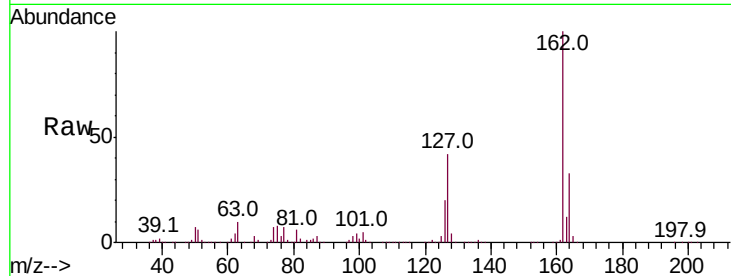
#47
 2-Chloronaphthalene
 Concen: 43.084 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	786880		
127	41.7	34.0	51.0	
164	33.2	26.7	40.1	

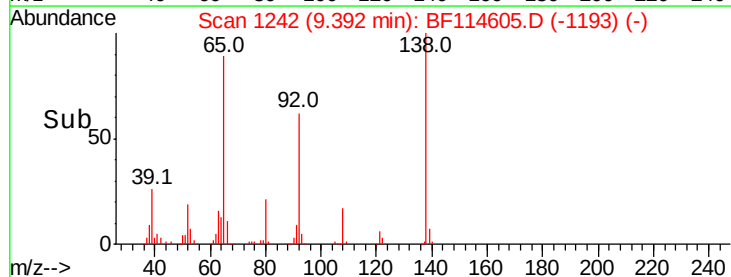
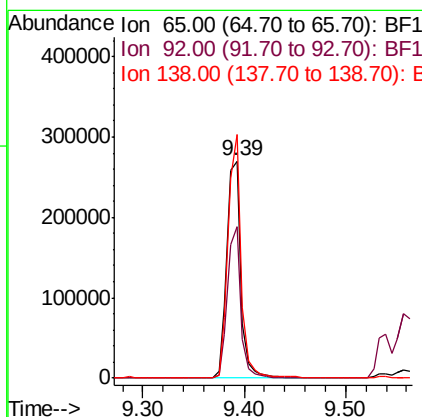
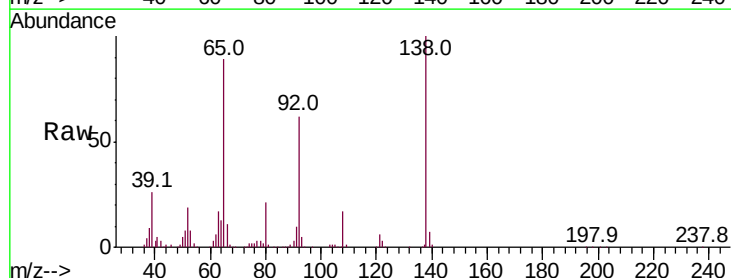
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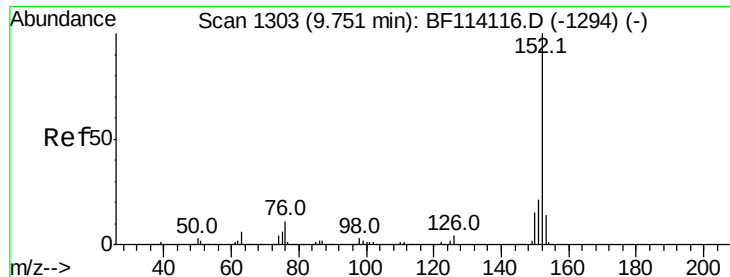
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#48
 2-Nitroaniline
 Concen: 40.208 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	260436		
92	69.5	53.9	80.9	
138	112.0	81.4	122.0	





#49

Acenaphthylene

Concen: 44.476 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

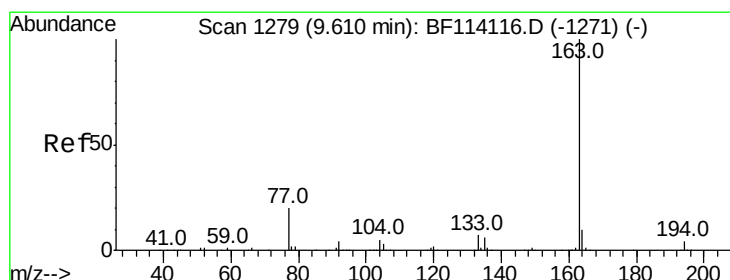
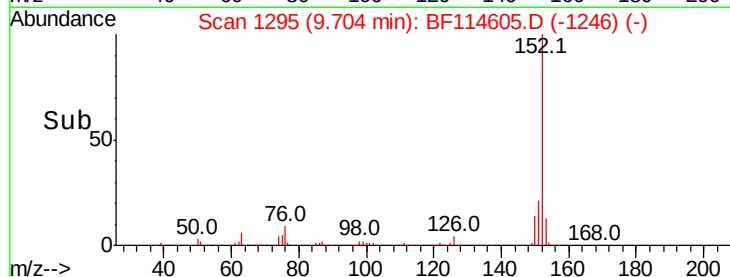
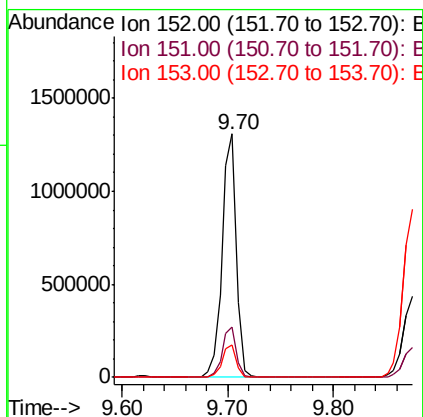
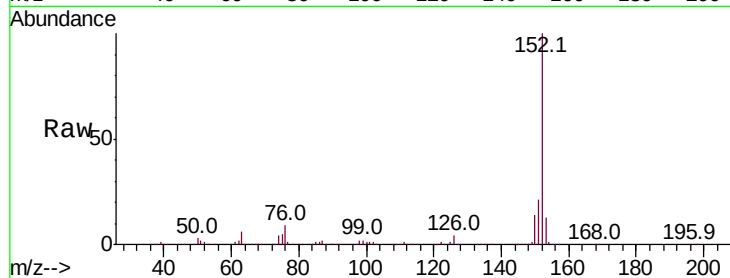
ClientSampleId :

PB119807BS

Tot	Ion:152	Resp:	1235461
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.4	11.4	17.2

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#50

Dimethylphthalate

Concen: 44.000 ng

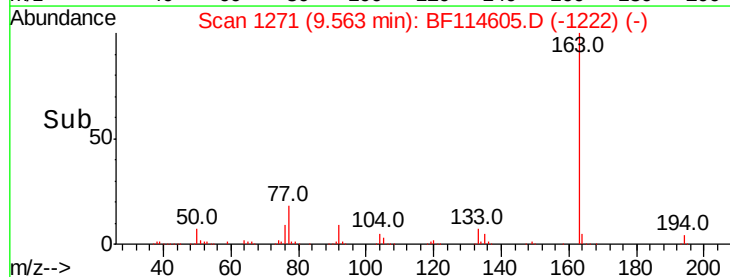
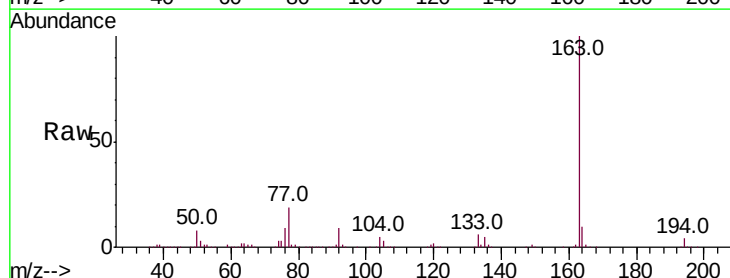
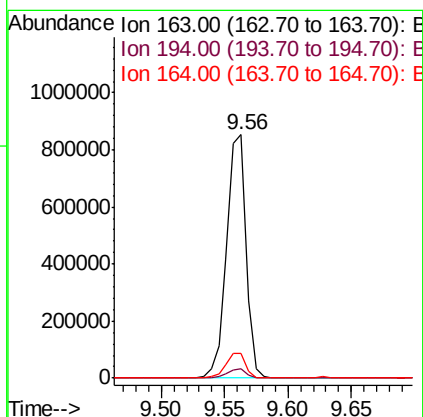
RT: 9.56 min Scan# 1271

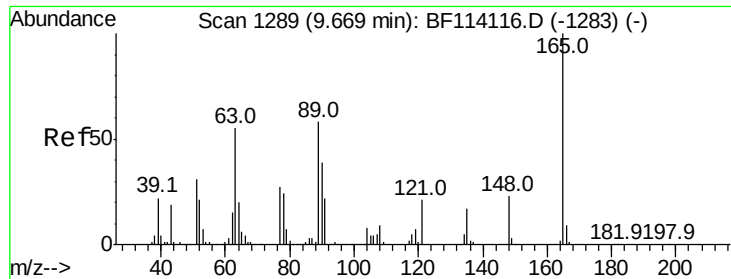
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:163	Resp: 907346
Ion Ratio	Lower Upper
163 100	
194 3.9	3.4 5.0
164 10.1	8.2 12.2





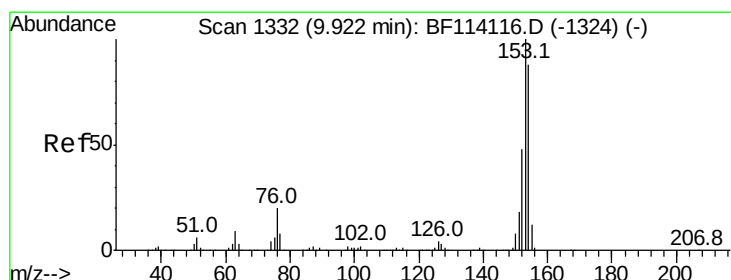
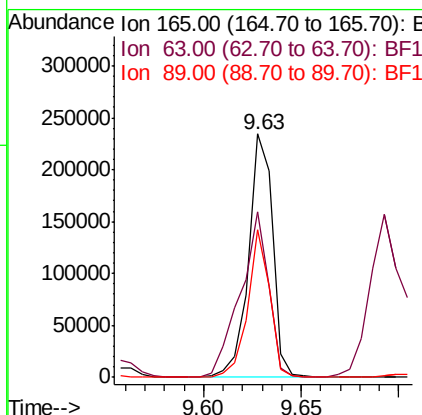
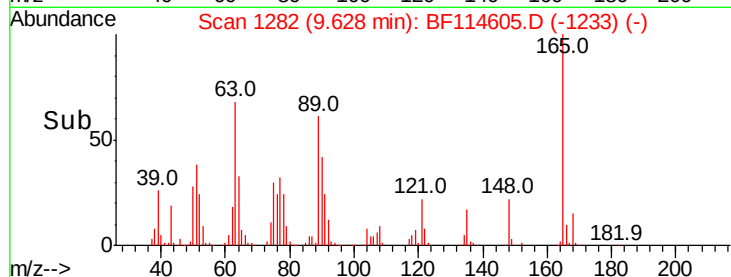
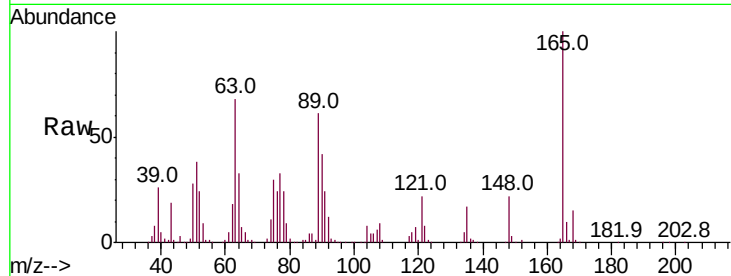
#51
 2,6-Dinitrotoluene
 Concen: 43.770 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200197		
63	68.0		50.2	75.4
89	60.7		46.6	69.8

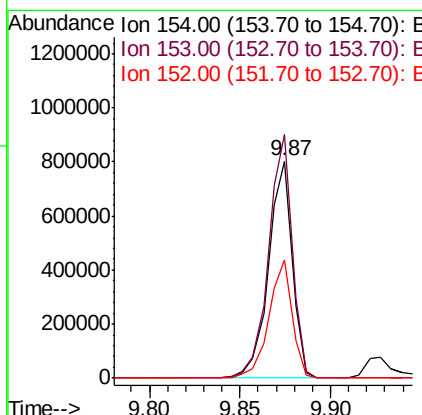
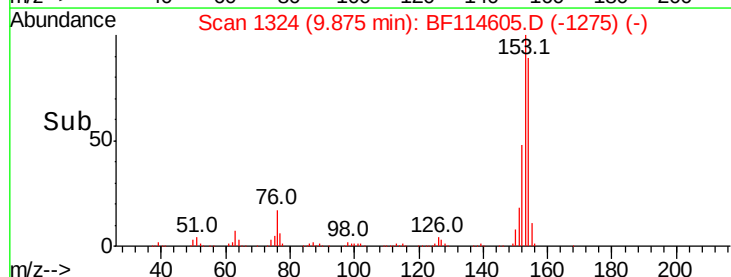
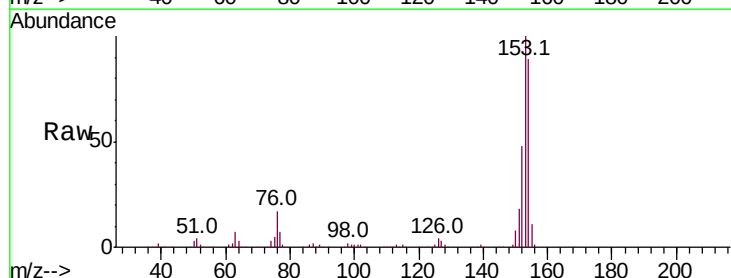
Manual Integrations
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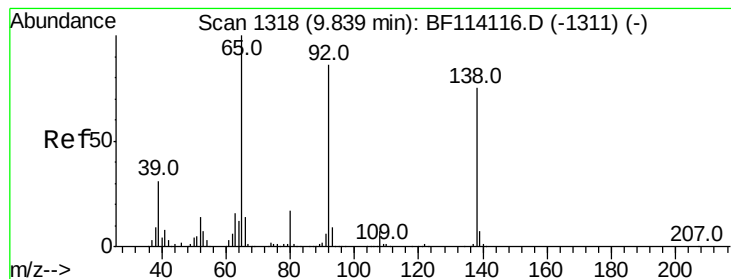
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#52
 Acenaphthene
 Concen: 43.019 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	733293		
153	112.2		90.5	135.7
152	54.2		43.4	65.2





#53

3-Nitroaniline

Concen: 27.907 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

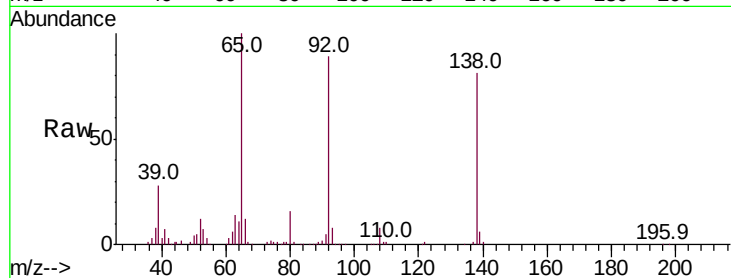
ClientSampleId :

PB119807BS

Tot Ion:138	Resp:	158451
Ion Ratio	Lower	Upper
138 100		
108 9.3	7.8	11.6
92 109.0	91.2	136.8

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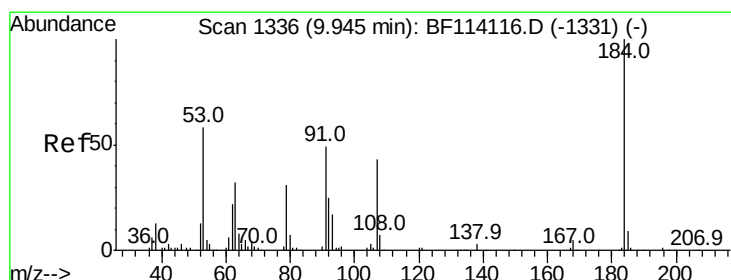
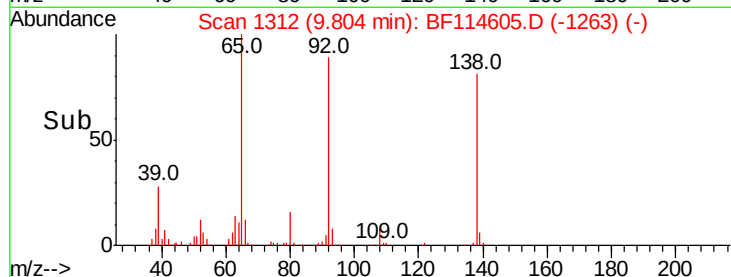
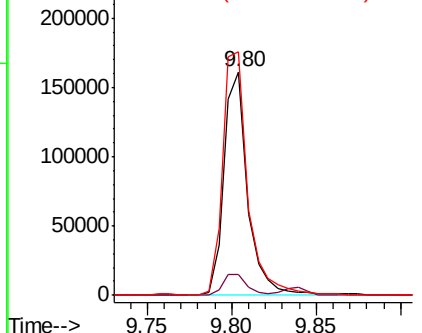
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 73.534 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114605.D

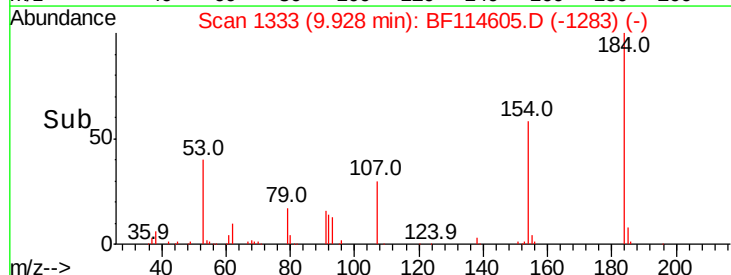
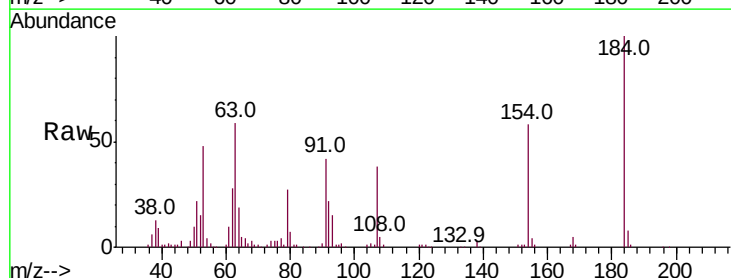
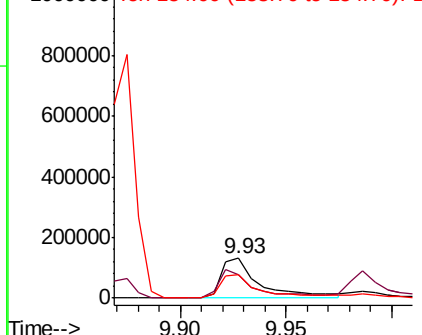
Acq: 25 May 2019 15:53

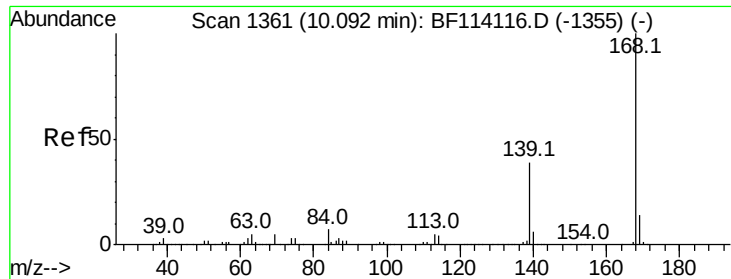
Tgt Ion:184	Resp:	167750
Ion Ratio	Lower	Upper
184 100		
63 58.5	55.6	83.4
154 58.1	46.0	69.0

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





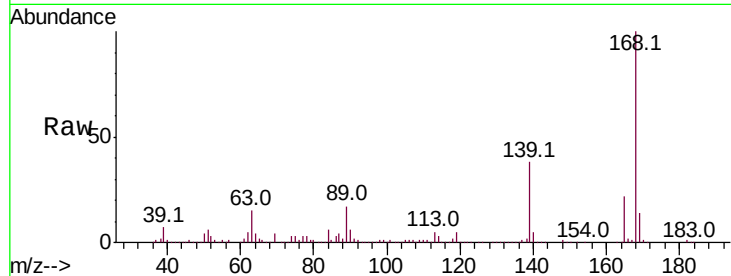
#55
Dibenzofuran
Concen: 42.371 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.1	46.7
169	13.7	11.4	17.0

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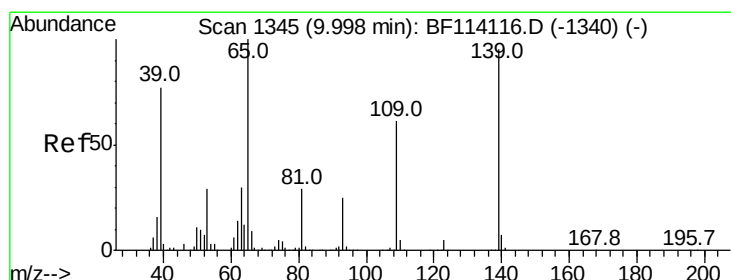
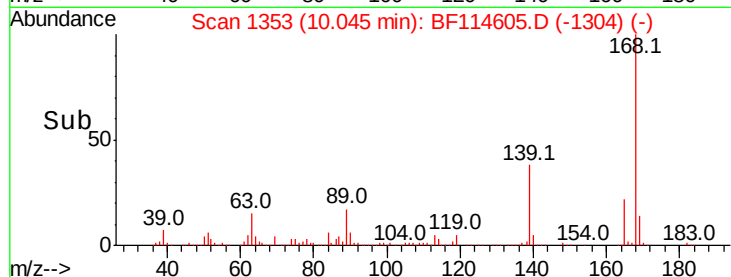
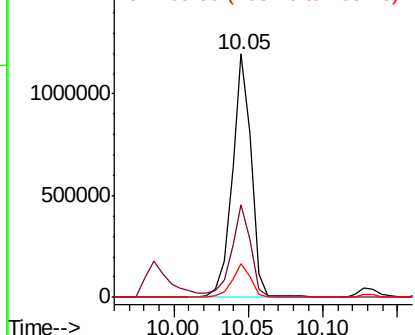


Abundance

Ion 168.00 (167.70 to 168.70): E

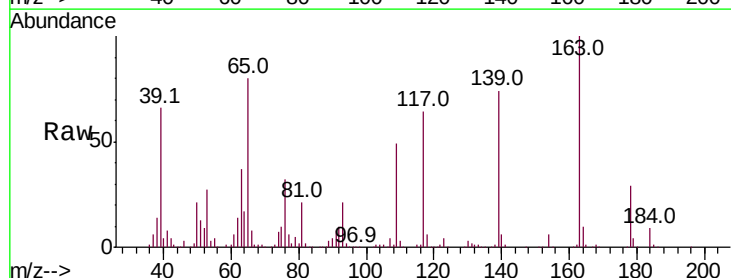
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 51.586 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	43.9	83.9
65	107.5	85.7	125.7

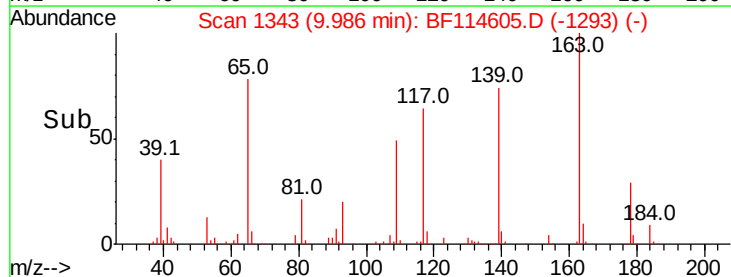
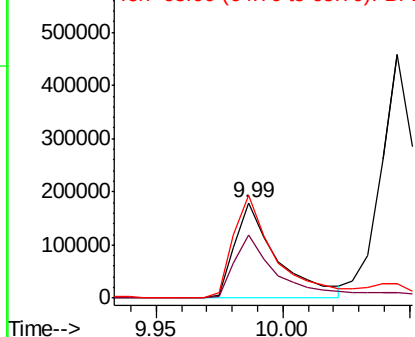


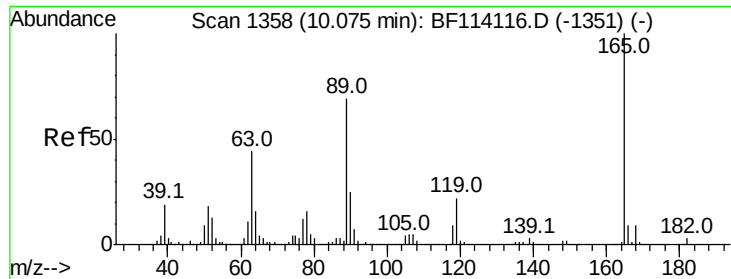
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





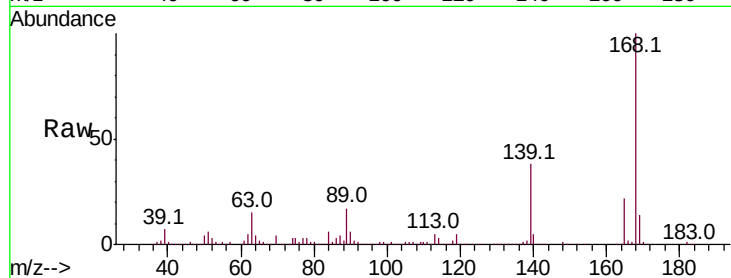
#57
2,4-Dinitrotoluene
Concen: 39.961 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.1	35.5	53.3	#
89	77.3	55.2	82.8	
182	2.5	2.2	3.2	

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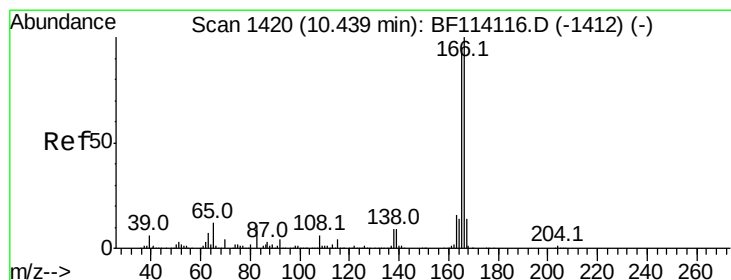
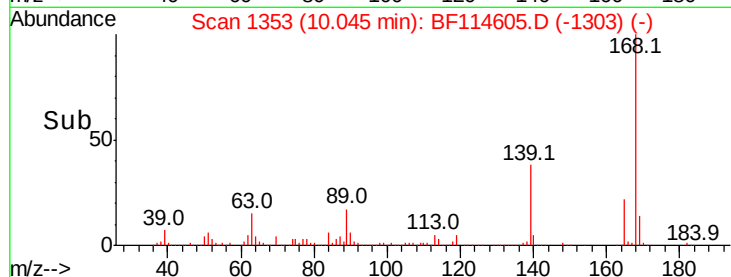
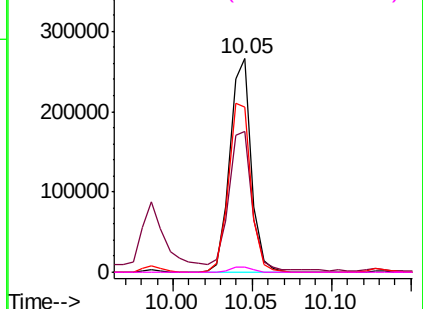
Abundance

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: 45.505 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

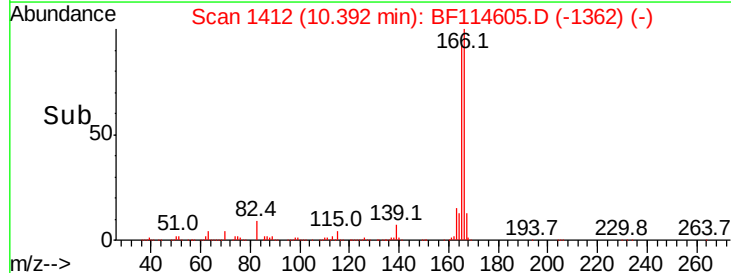
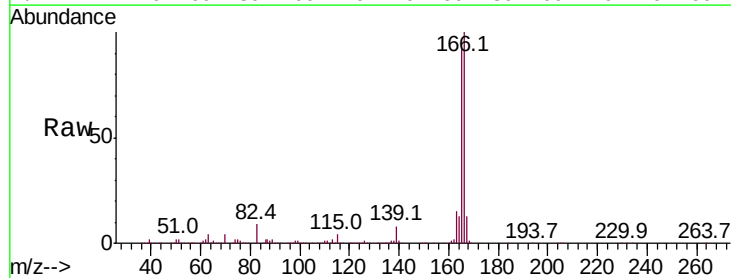
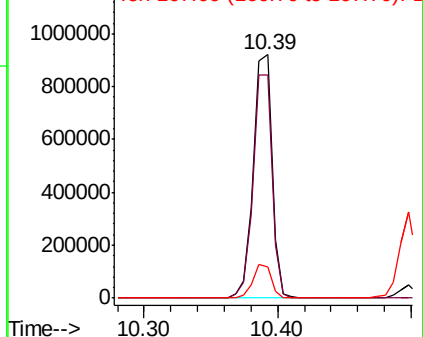
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	91.5	76.1	114.1	
167	13.0	11.1	16.7	

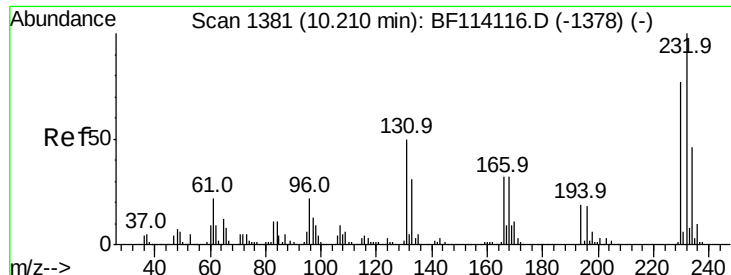
Abundance

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





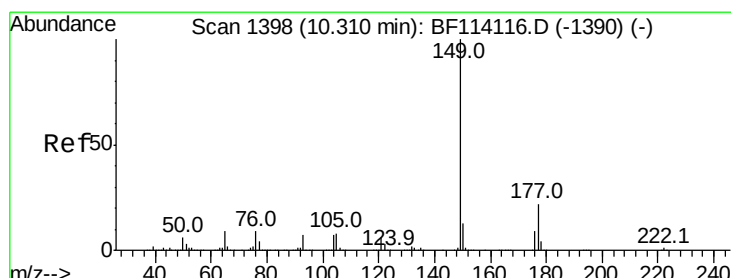
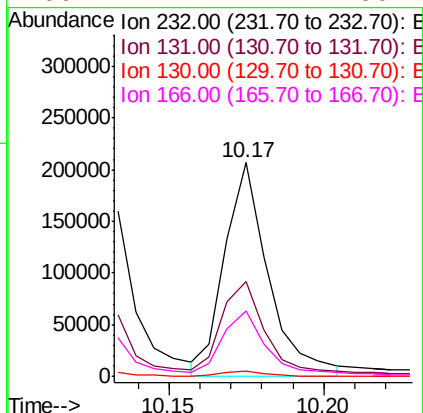
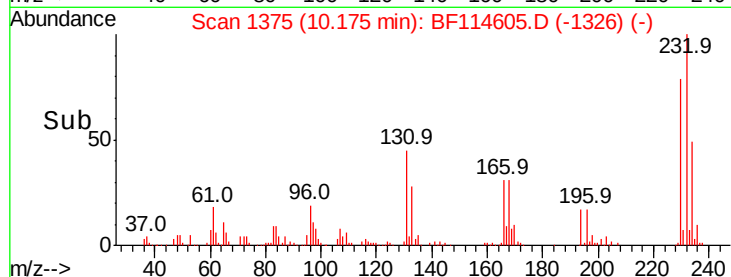
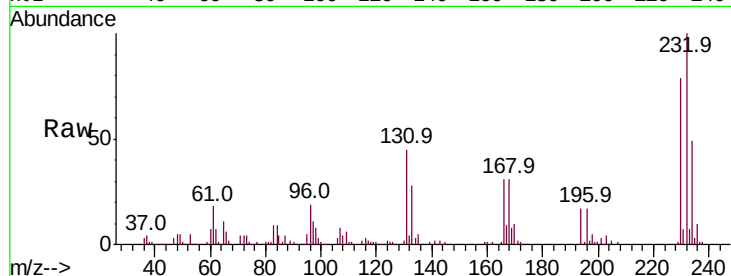
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.421 ng/ml
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	204171		
131	34.5		35.6	53.4#
130	1.9		1.6	2.4
166	21.4		24.1	36.1#

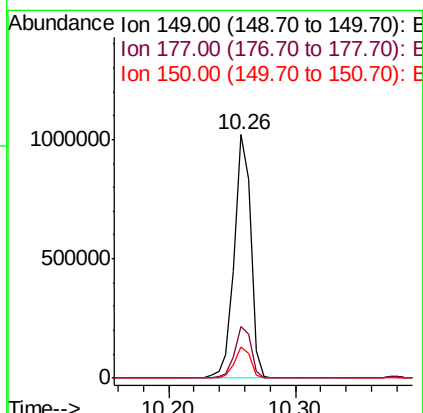
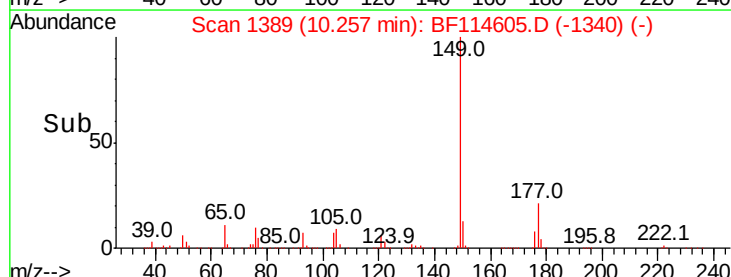
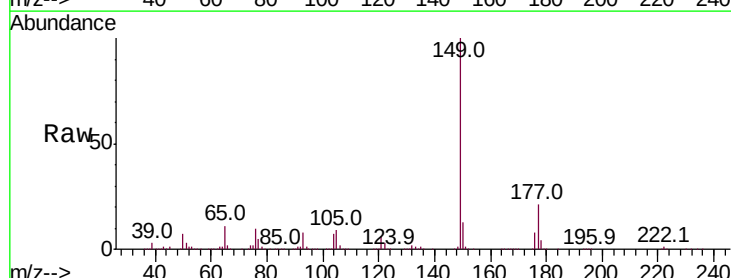
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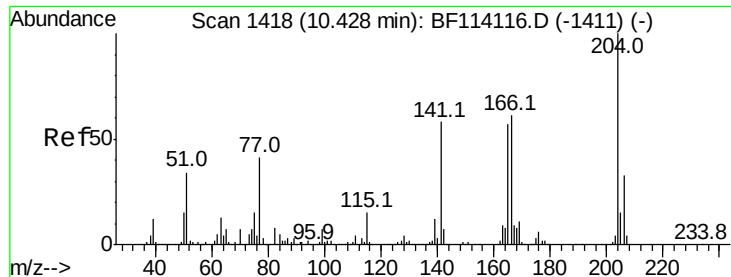
mohammad
 5/27/2019 3:49:48 AM



#60
 Diethylphthalate
 Concen: 43.395 ng/ml
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	909237		
177	21.1		17.8	26.6
150	13.0		10.2	15.2





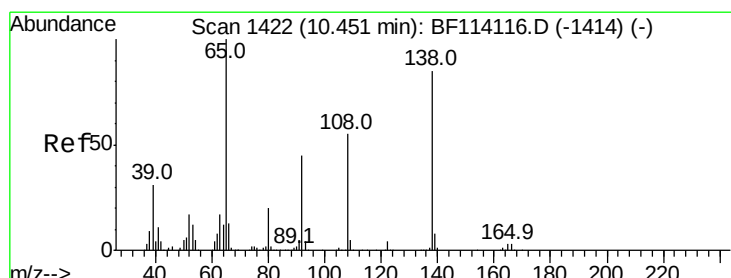
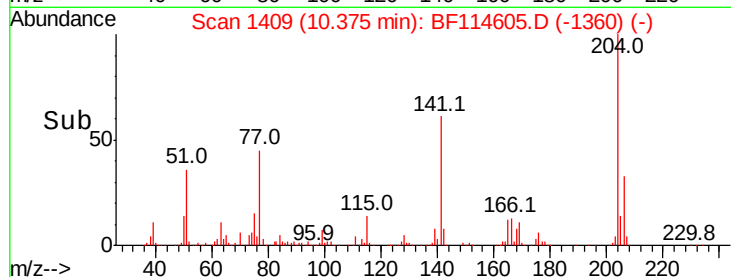
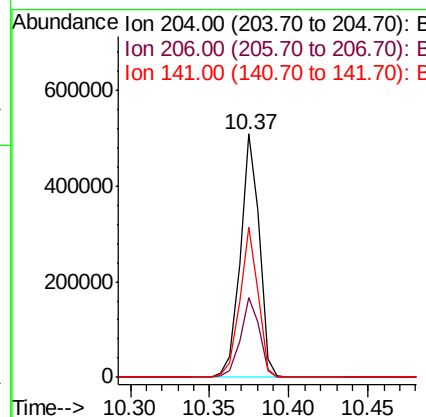
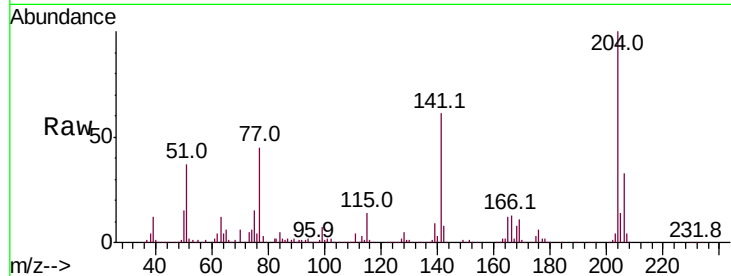
#61
4-Chlorophenyl-phenylether
Concen: 44.443 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	61.5	46.4	69.6

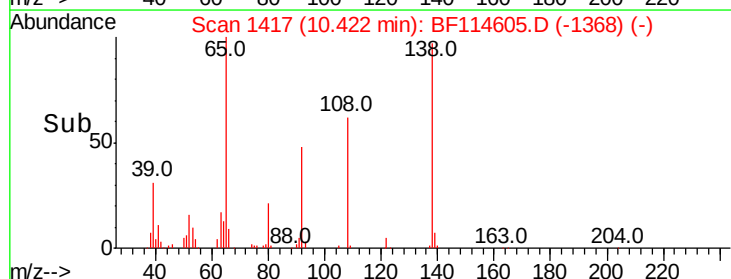
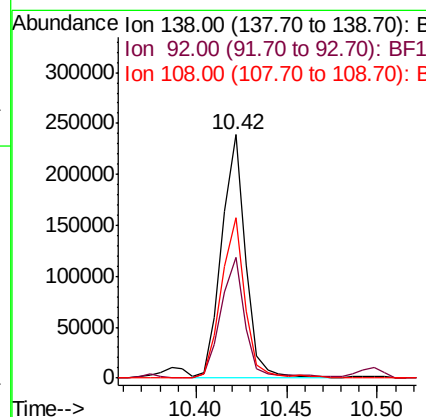
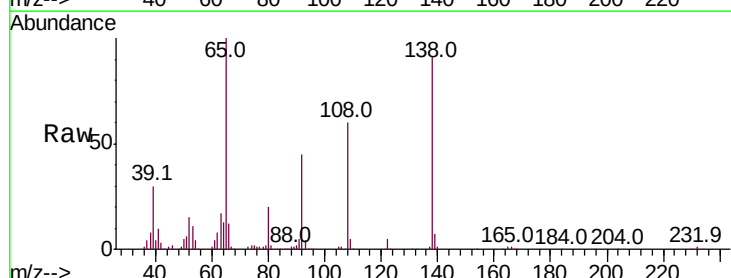
Manual Integrations
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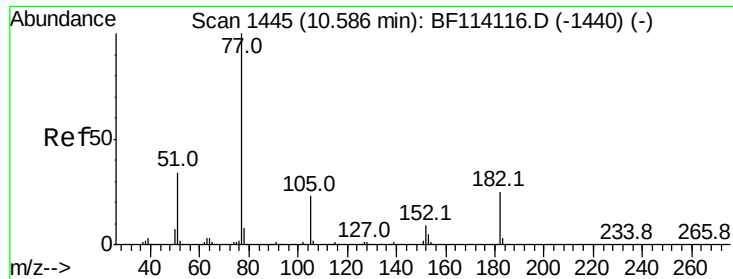
mohammad
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#62
4-Nitroaniline
Concen: 36.285 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	33.0	73.0
108	65.9	44.9	84.9





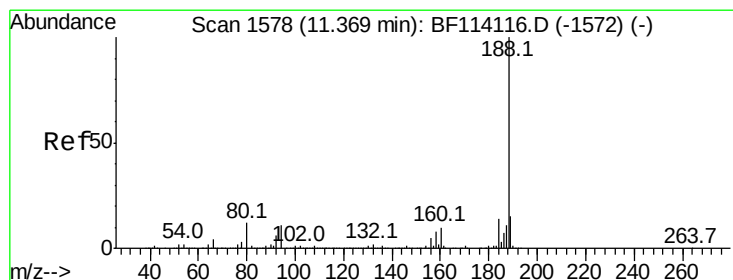
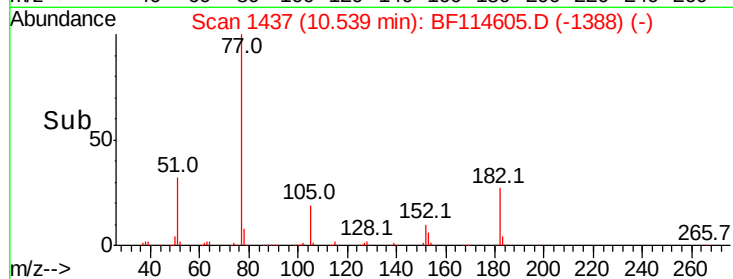
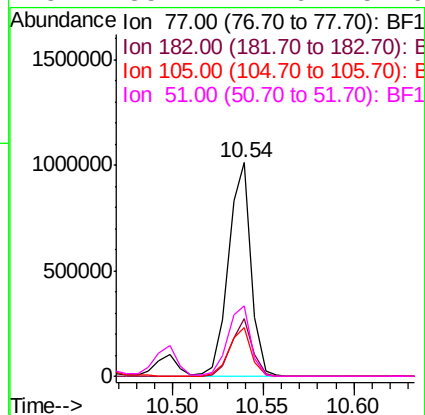
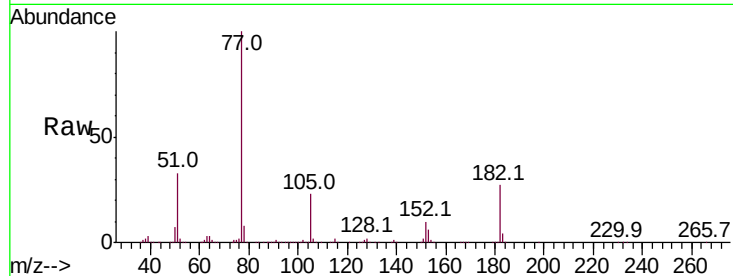
#63
Azobenzene
Concen: 43.026 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.7	4.7	44.7	
105	23.0	2.9	42.9	
51	33.2	14.6	54.6	

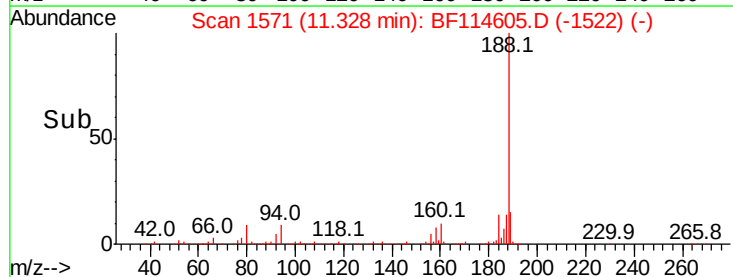
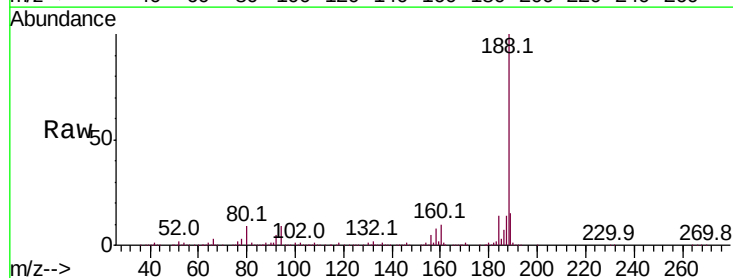
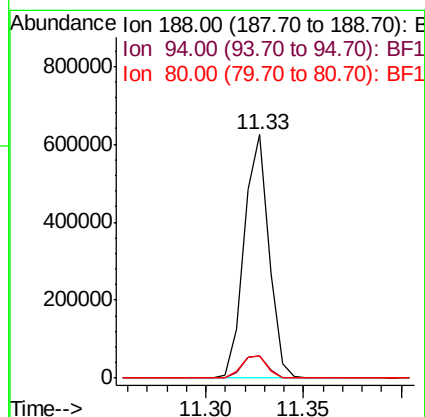
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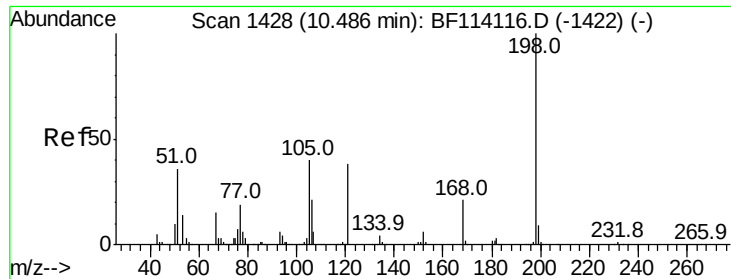
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	8.4	12.6	
80	9.2	9.2	13.8#	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.918 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

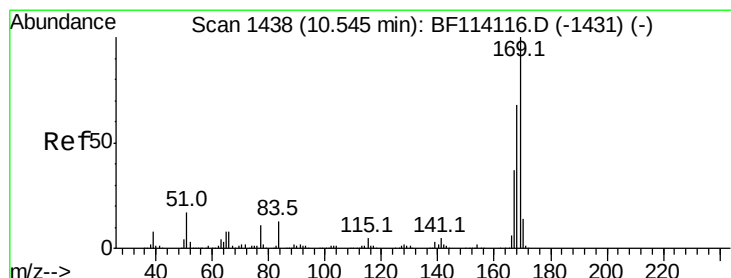
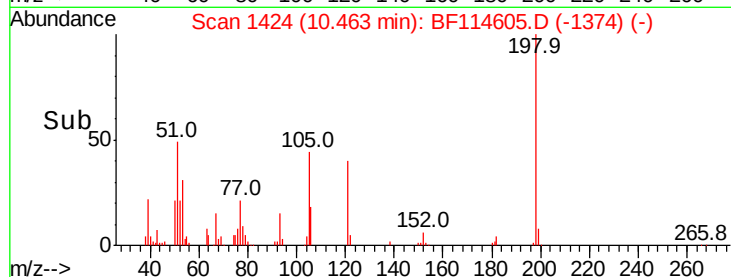
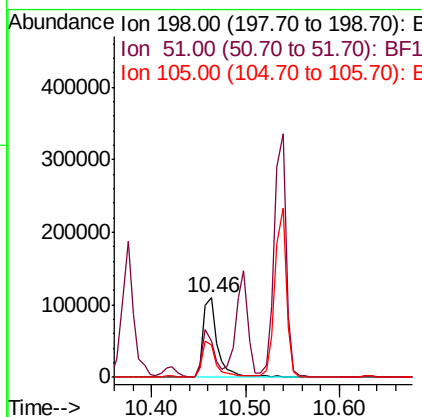
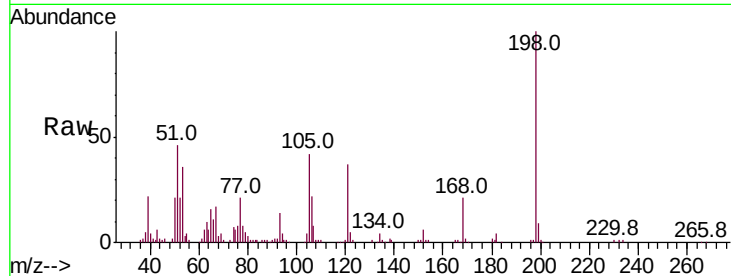
ClientSampled :

PB119807BS

Tot Ion:	198	Resp:	121090
Ion Ratio	Lower	Upper	
198	100		
51	46.2	28.0	68.0
105	41.6	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 46.302 ng

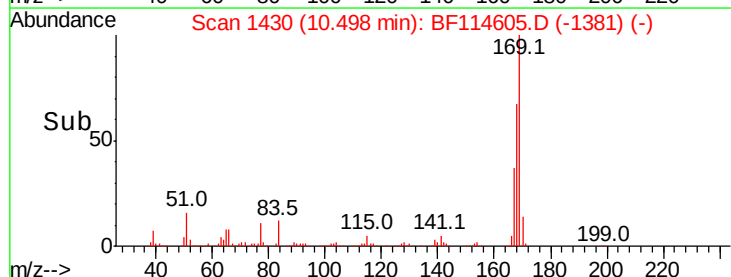
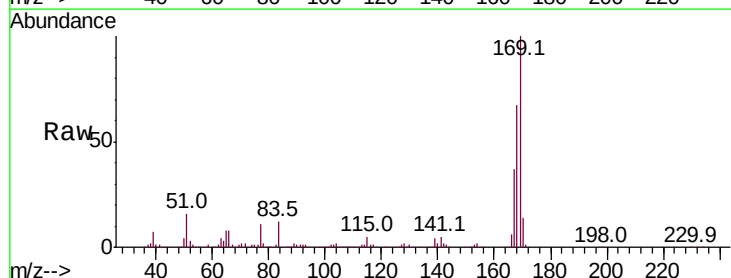
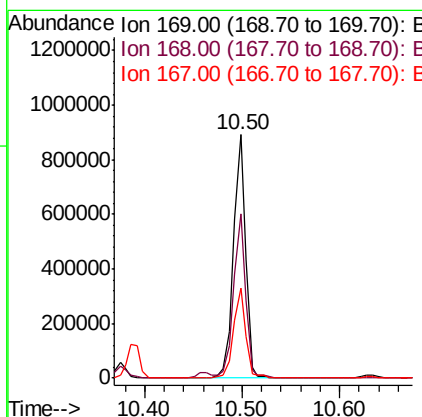
RT: 10.50 min Scan# 1430

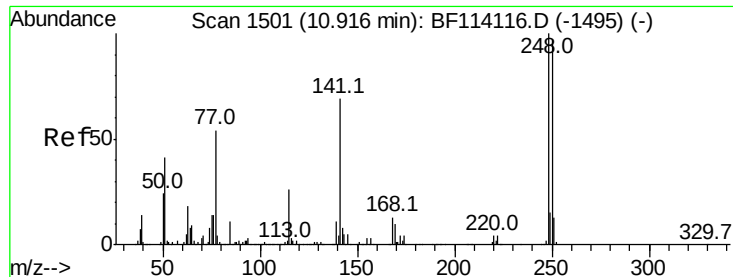
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:	169	Resp:	771227
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.2	81.2
167	36.7	29.8	44.8





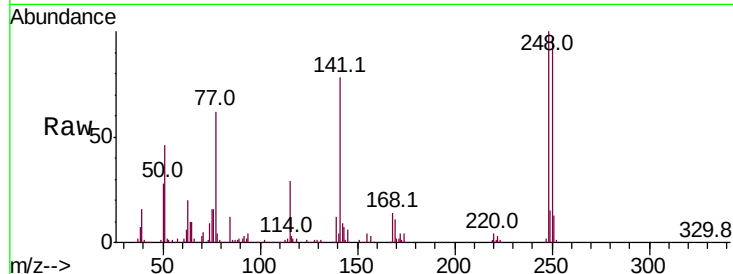
#67
4-Bromophenyl-phenylether
Concen: 43.792 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	264613		
250	97.1	77.4	116.2	
141	77.7	55.6	83.4	

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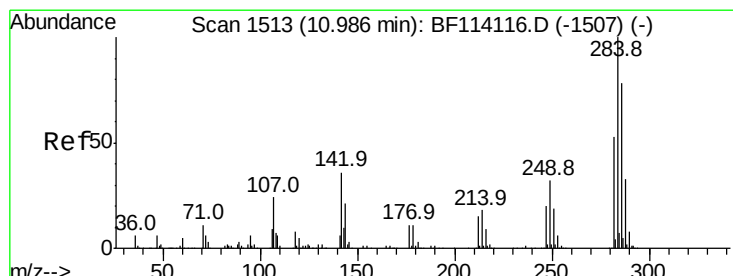
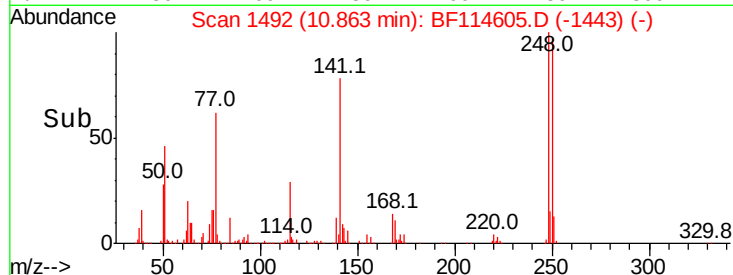
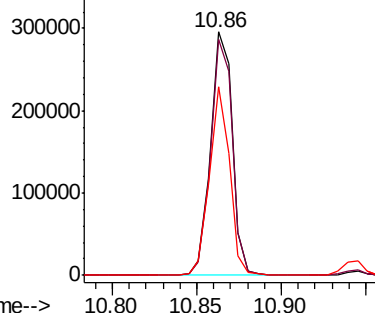


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.140 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

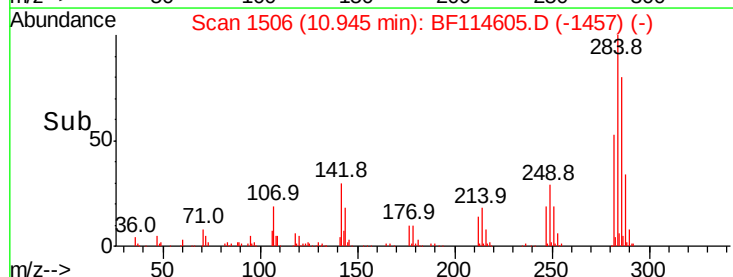
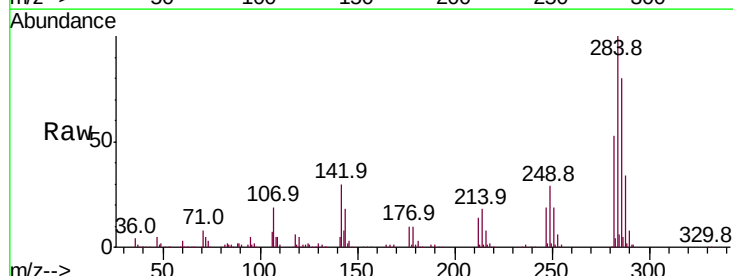
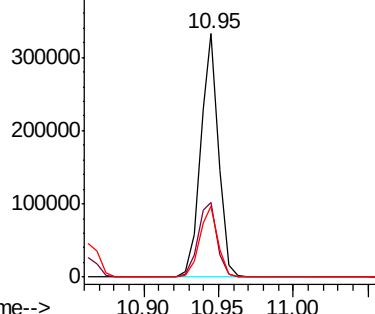
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	281691		
142	30.4	28.4	42.6	
249	29.3	25.2	37.8	

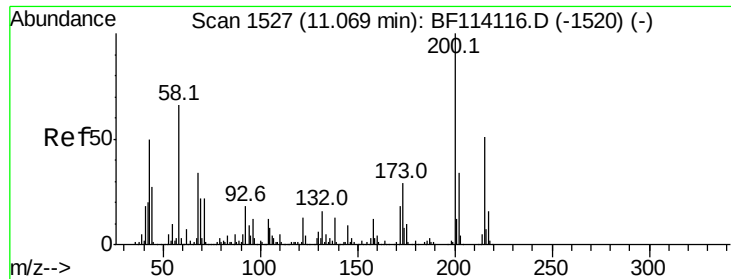
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





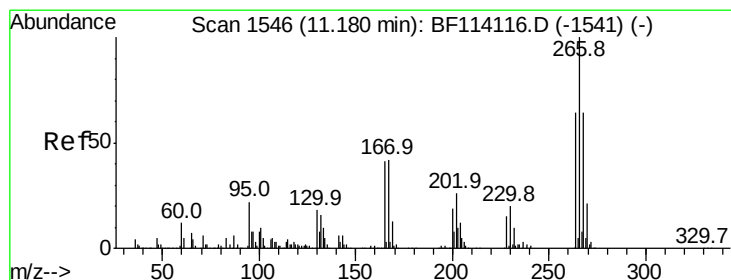
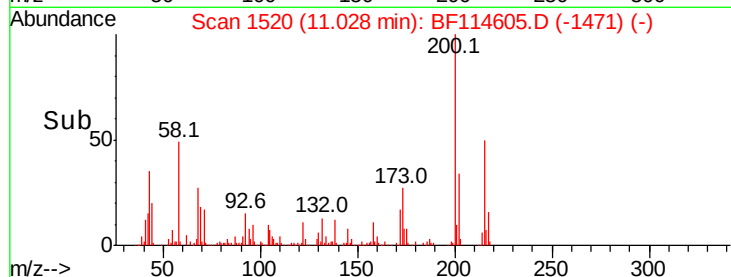
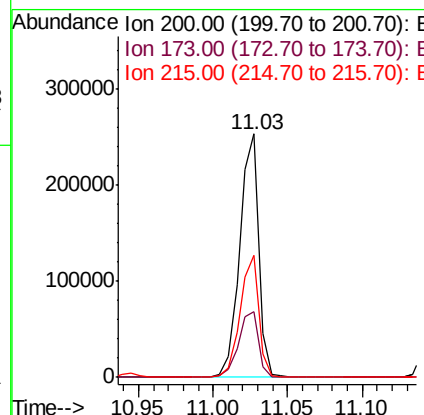
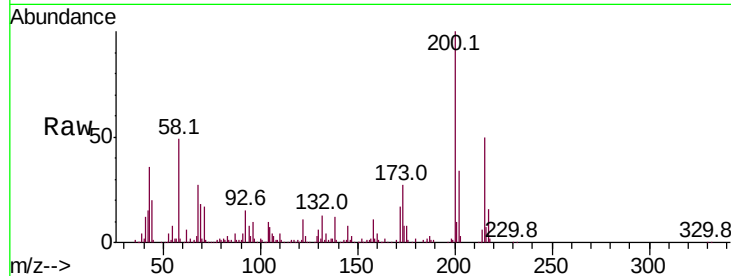
#69
Atrazine
Concen: 43.925 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	227681		
173	27.1	8.9	48.9	
215	49.9	30.7	70.7	

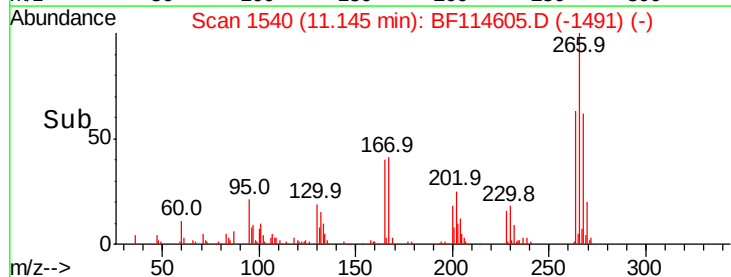
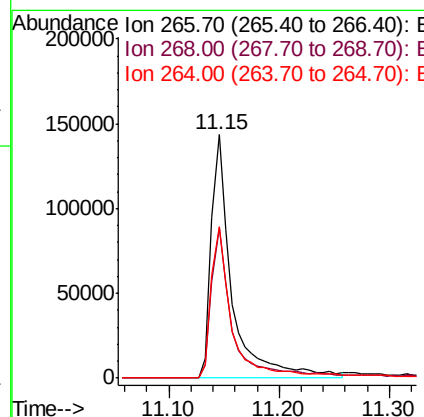
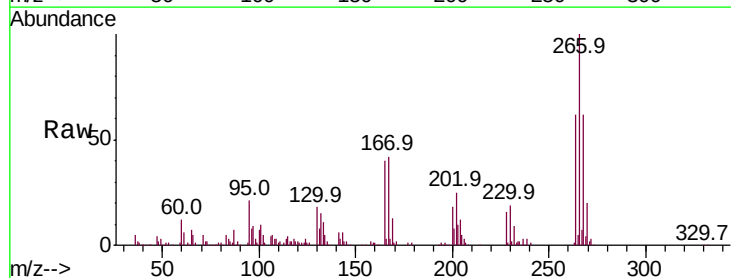
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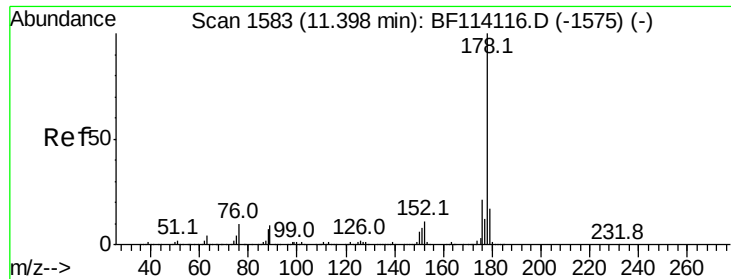
mohammad
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#70
Pentachlorophenol
Concen: 57.956 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	183651		
268	61.9	51.1	76.7	
264	62.4	51.1	76.7	





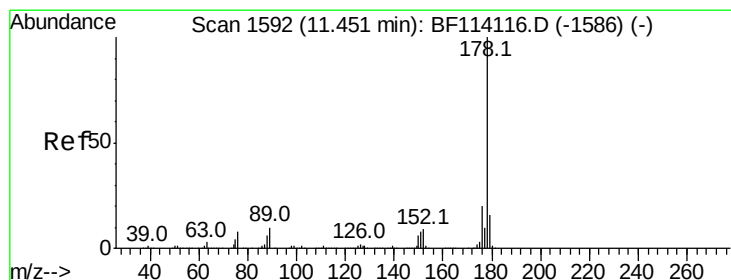
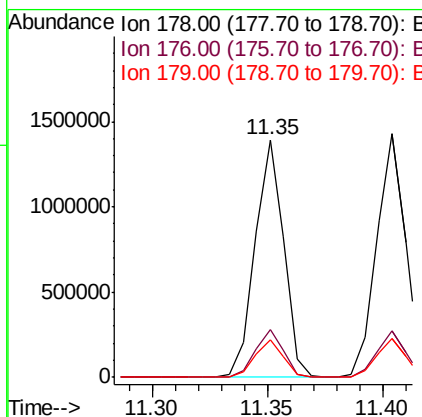
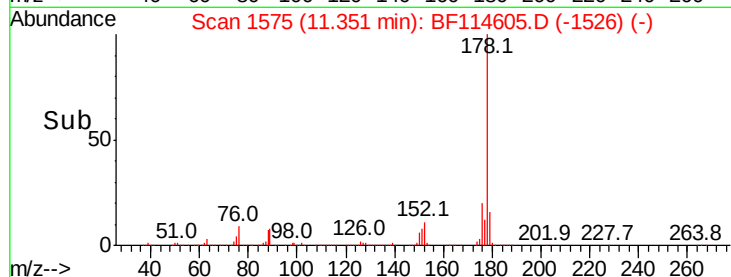
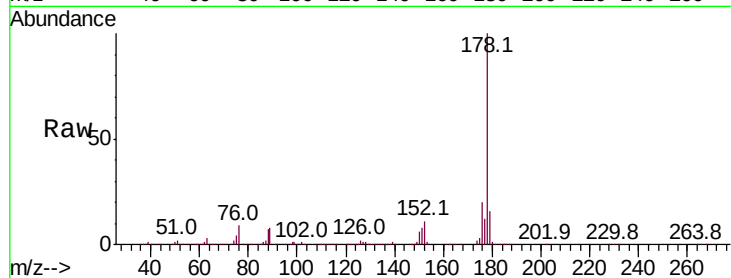
#71
Phenanthrene
Concen: 45.322 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	15.8	13.2	19.8

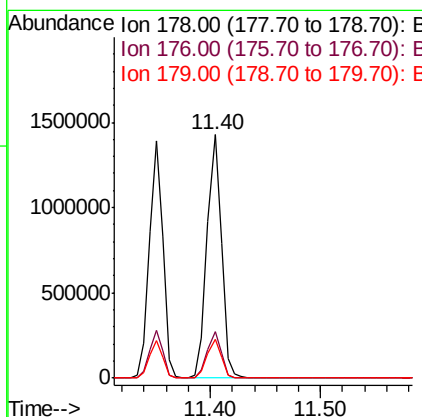
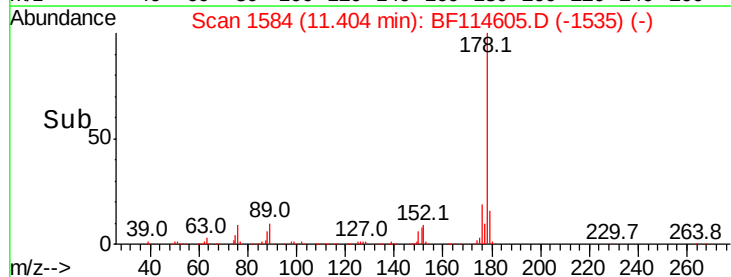
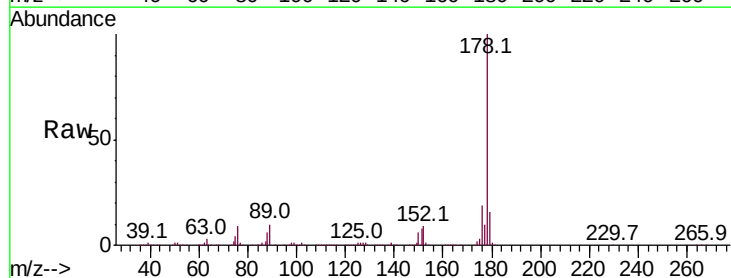
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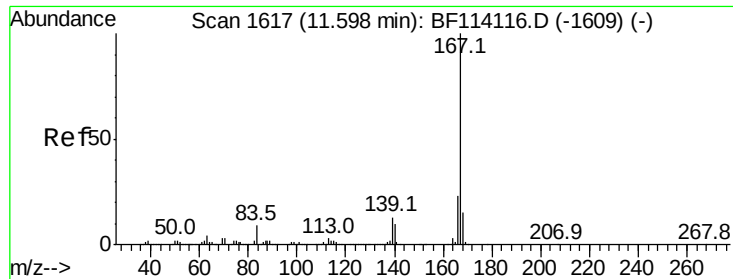
mohammad
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#72
Anthracene
Concen: 46.800 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.0	13.0	19.4





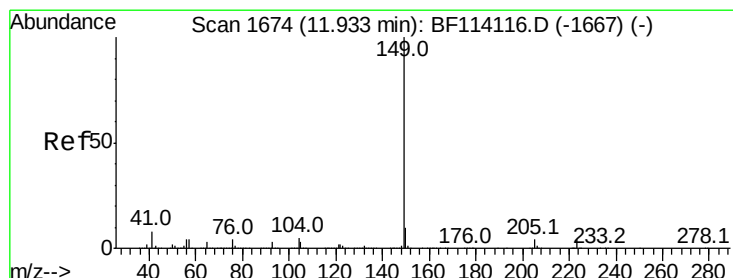
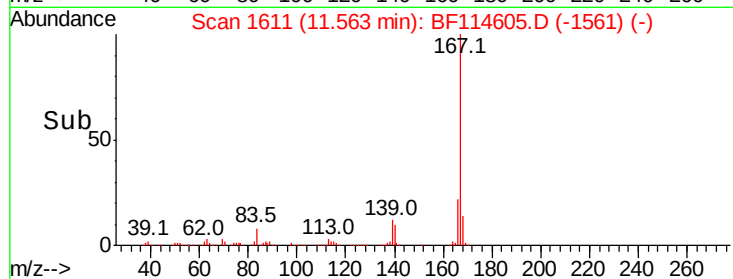
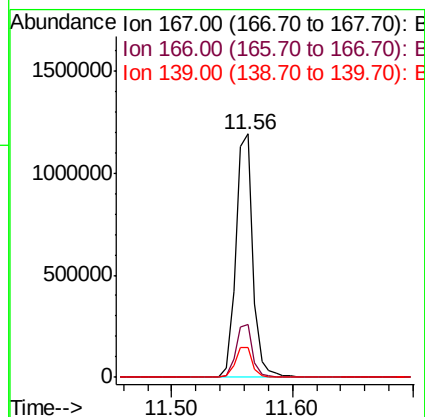
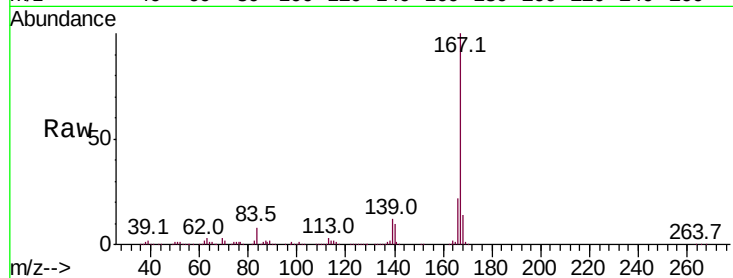
#73
 Carbazole
 Concen: 45.689 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	12.5	10.6	16.0

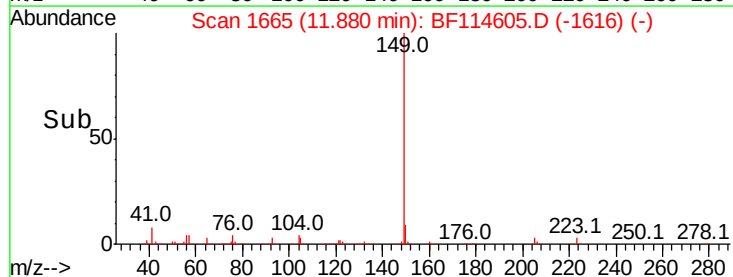
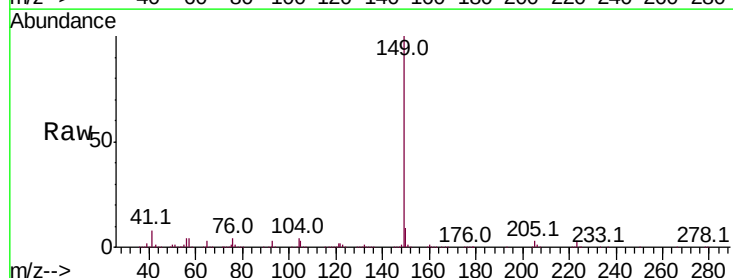
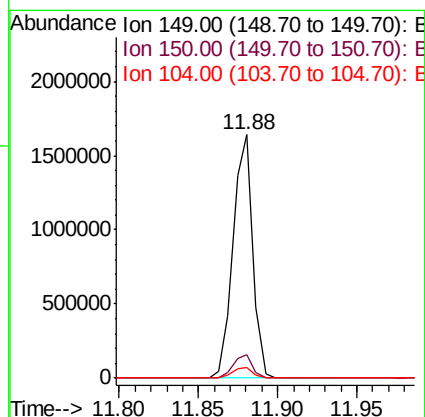
Manual Integrations
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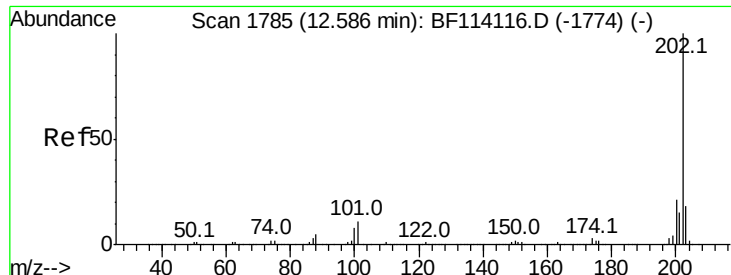
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.978 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	3.6	5.4





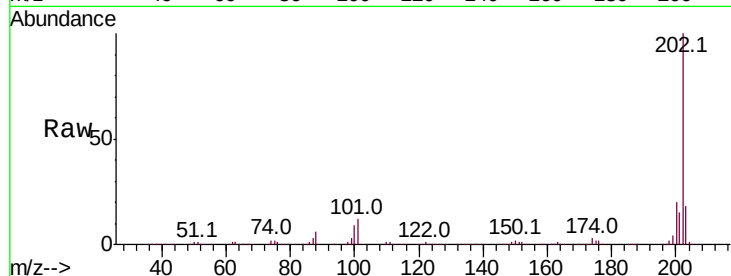
#75
Fluoranthene
Concen: 44.639 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

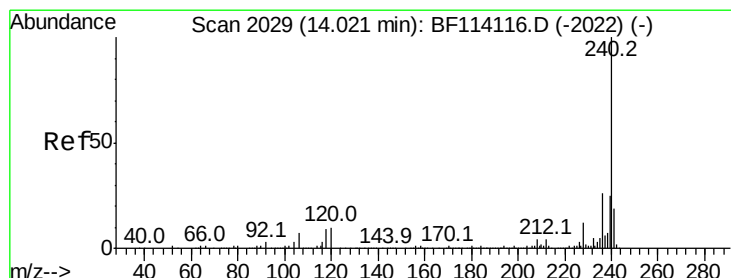
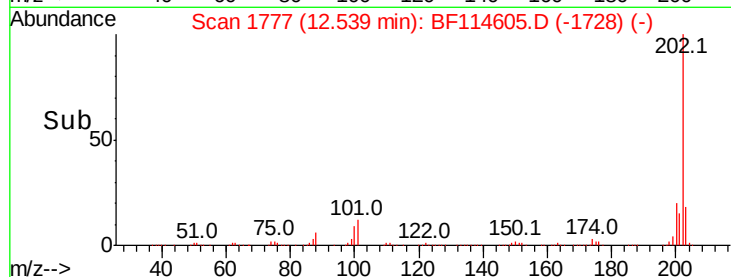
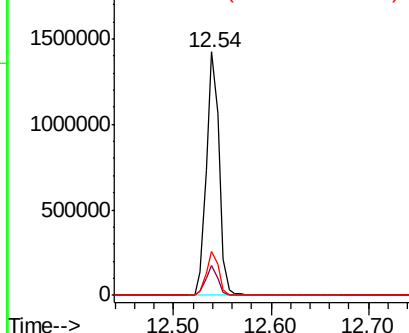
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1283478		
101	12.0		0.0	31.0
203	18.1		0.0	38.4

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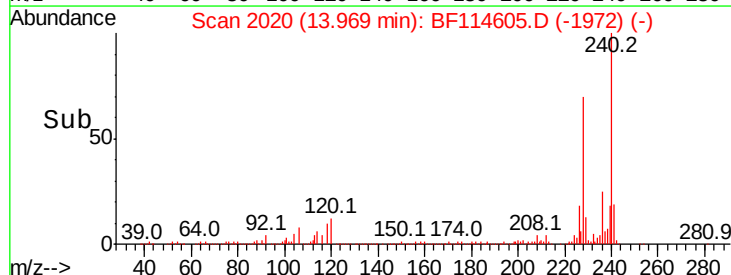
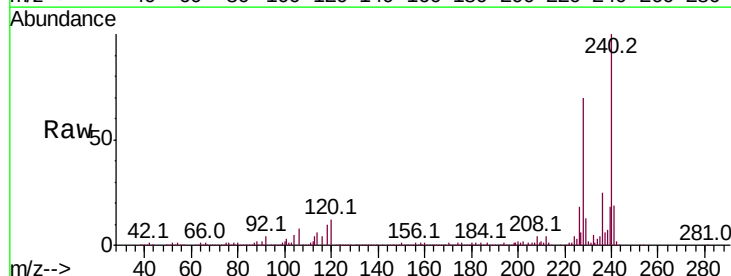
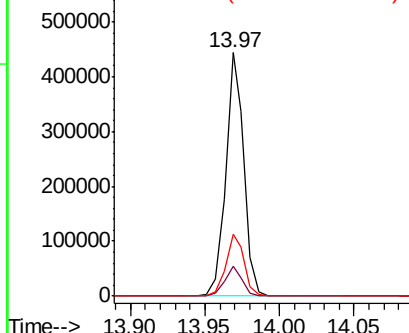
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

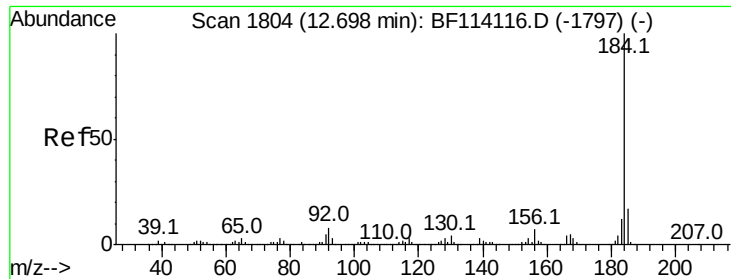


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	379202		
120	12.2		8.3	12.5
236	25.2		20.8	31.2

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: 37.199 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

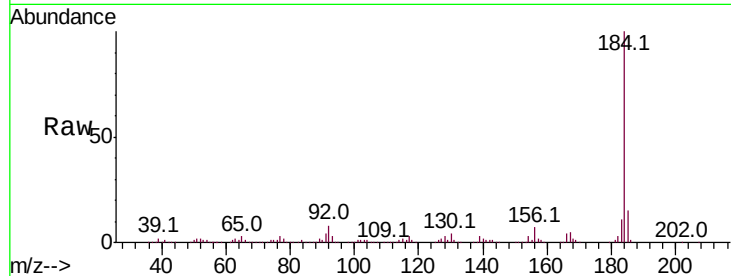
ClientSampleId :

PB119807BS

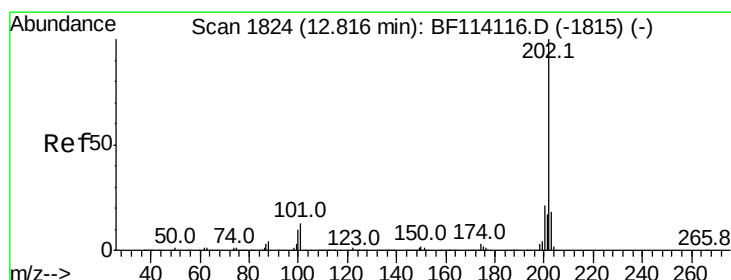
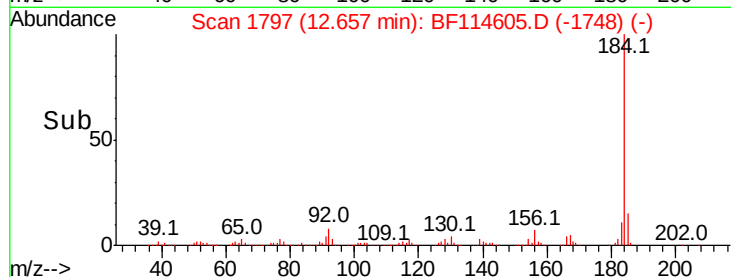
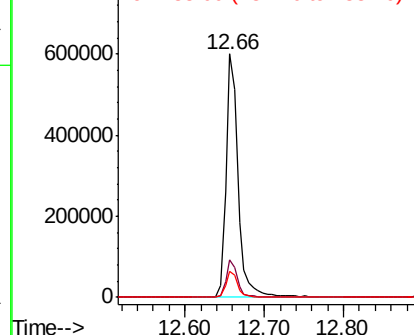
Tot Ion:	184	Resp:	633189
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.6	20.4
183	10.9	9.2	13.8

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



#78

Pyrene

Concen: 42.461 ng

RT: 12.77 min Scan# 1816

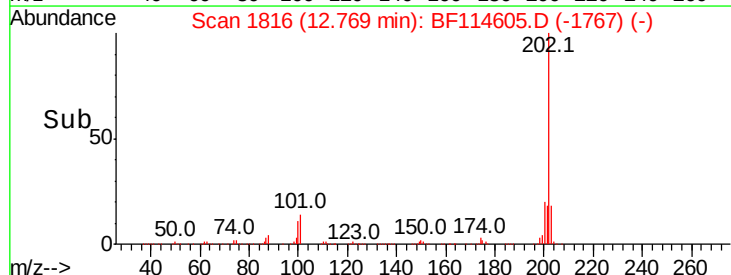
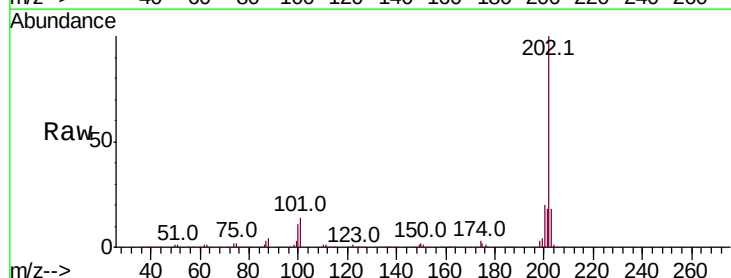
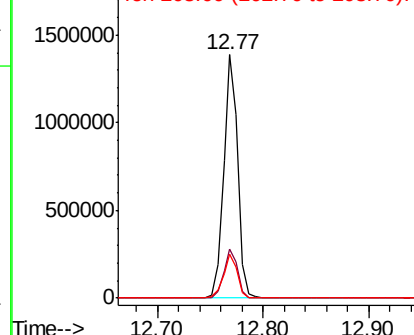
Delta R.T. -0.01 min

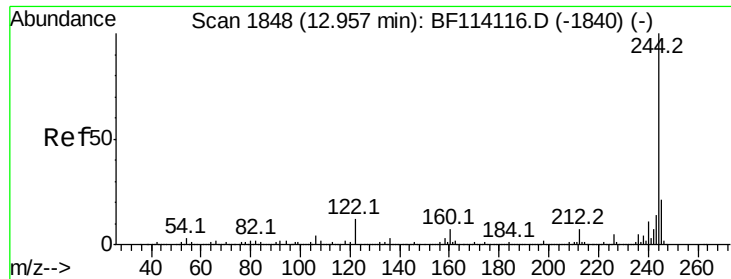
Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:	202	Resp:	1295268
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.9	25.3
203	18.0	14.5	21.7

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: 92.164 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

PB119807BS

Tot Ion:244 Resp: 1695367

Ion Ratio Lower Upper

244 100

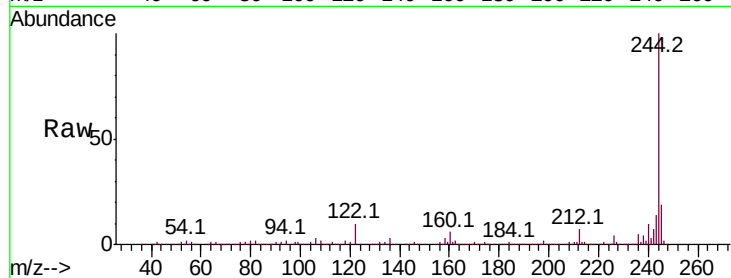
212 6.7 5.8 8.6

122 10.3 9.4 14.2

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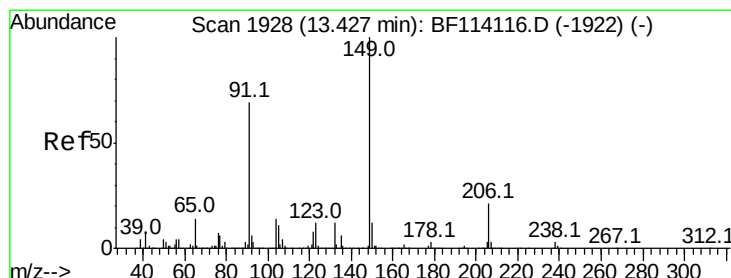
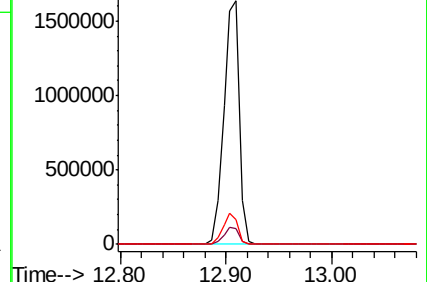
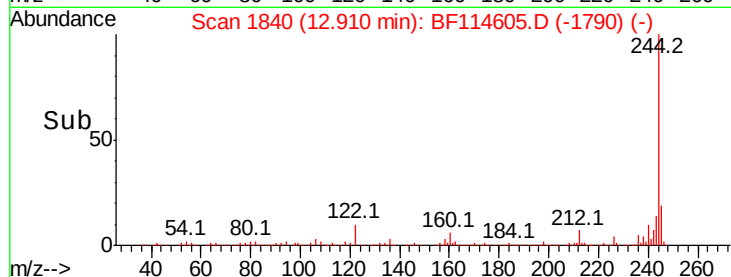
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.494 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

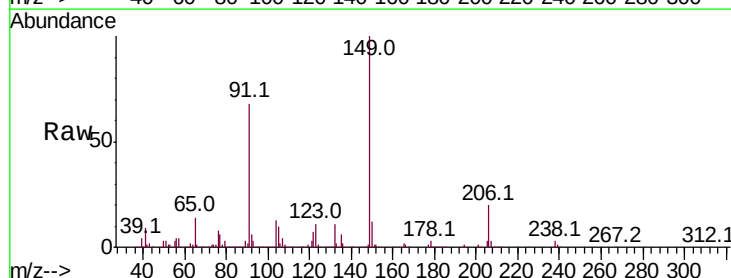
Tgt Ion:149 Resp: 596976

Ion Ratio Lower Upper

149 100

91 68.4 55.0 82.4

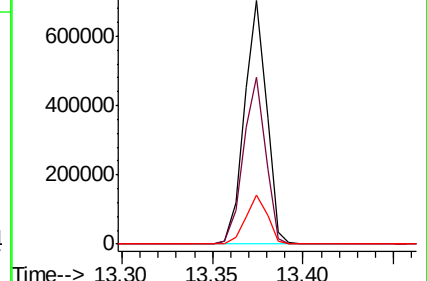
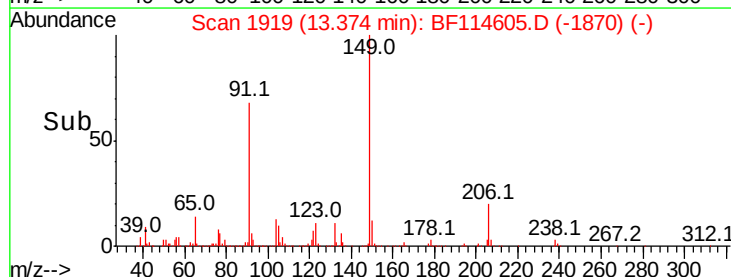
206 20.1 16.9 25.3

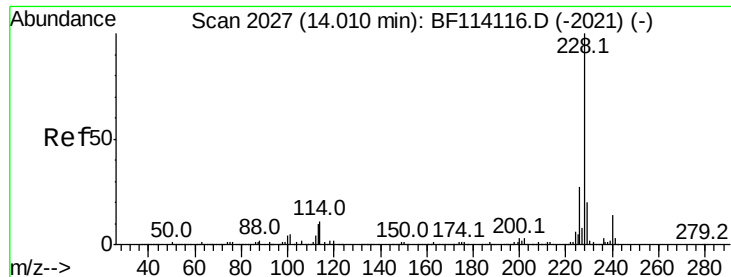


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





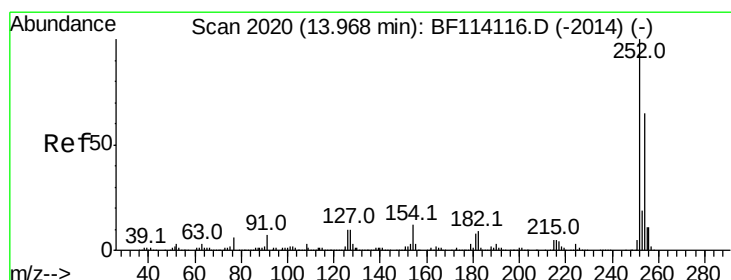
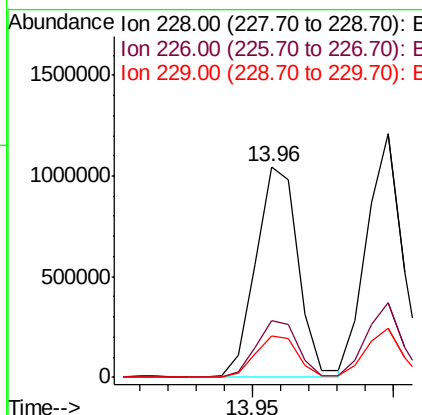
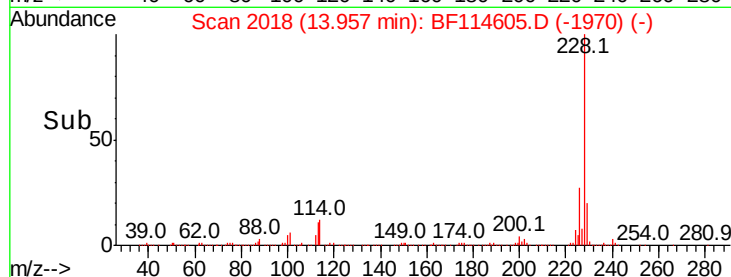
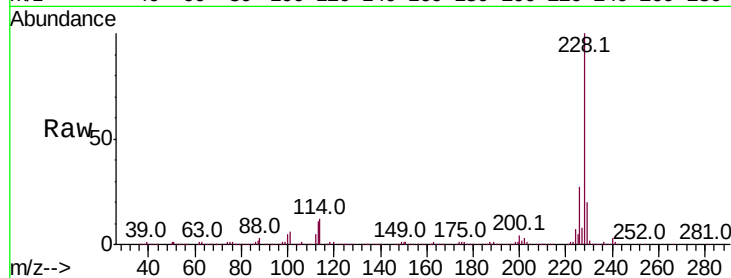
#81
Benzo(a)anthracene
Concen: 44.222 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.9	16.4	24.6

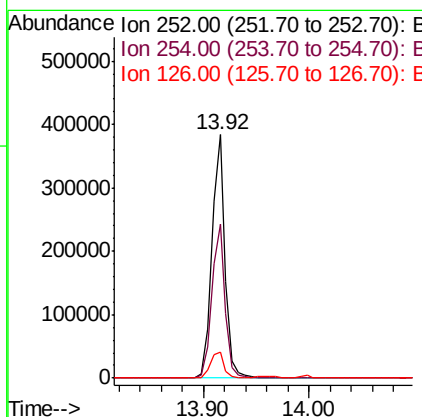
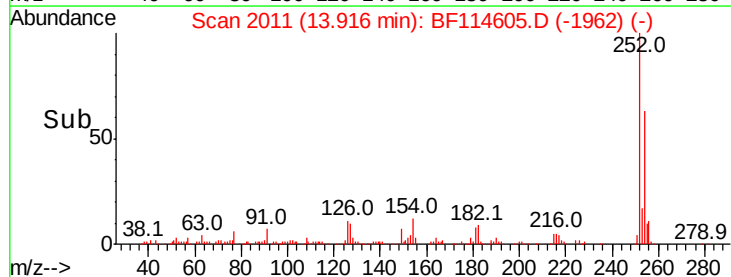
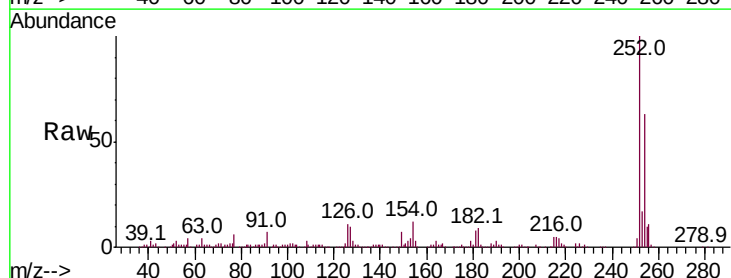
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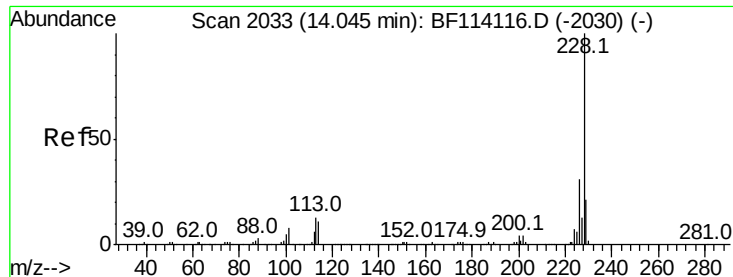
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.214 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.9	77.9
126	10.6	7.9	11.9





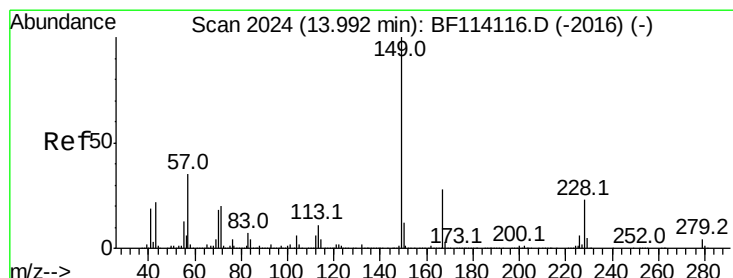
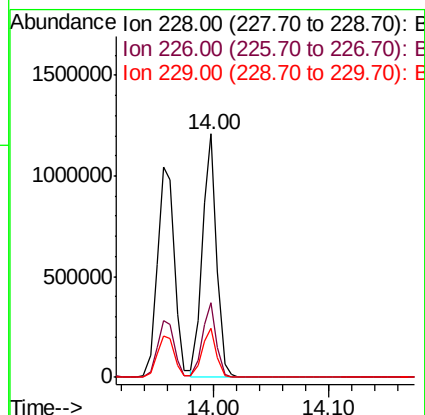
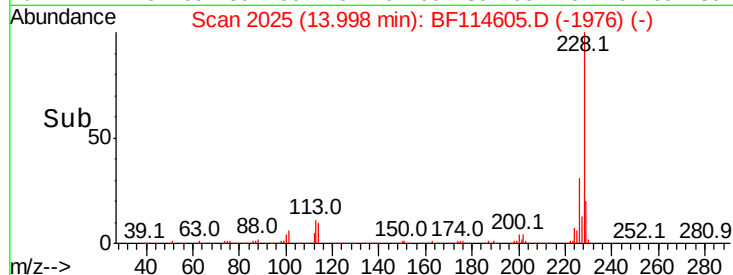
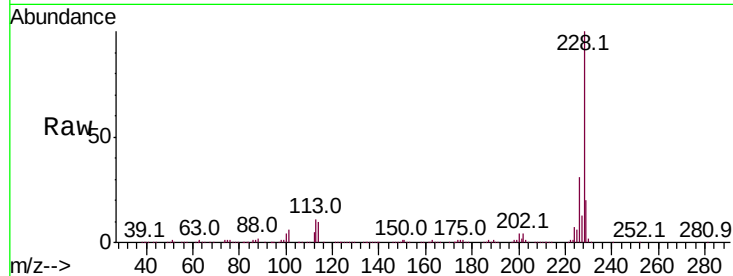
#83
 Chrysene
 Concen: 43.643 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BS

Tot Ion:	228	Resp:	1049311
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	20.1	17.0	25.6

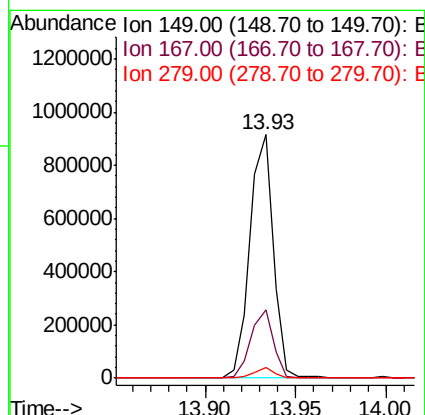
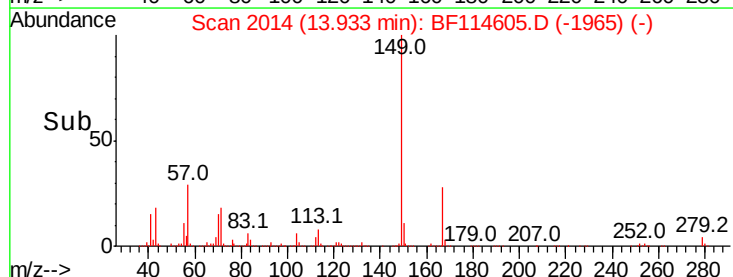
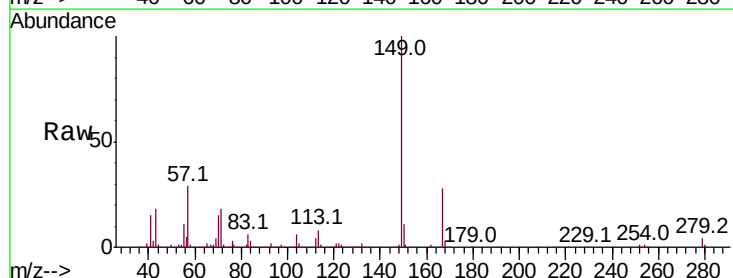
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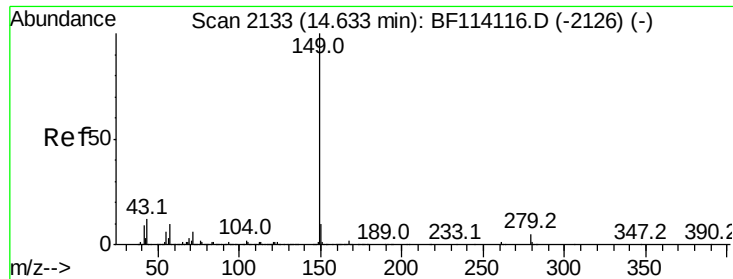
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.982 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion:	149	Resp:	822546
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.6	33.8
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 49.919 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

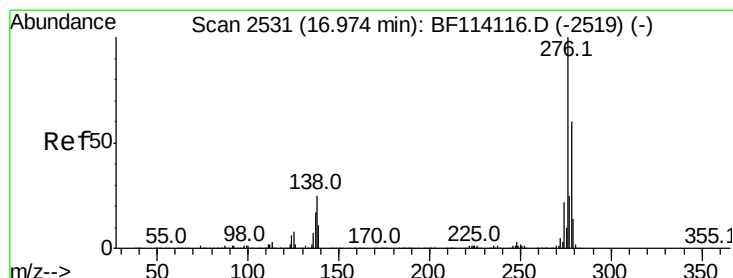
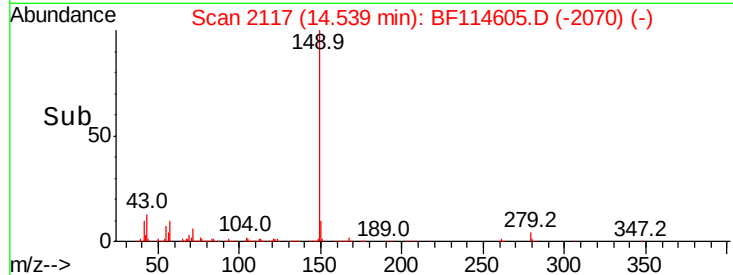
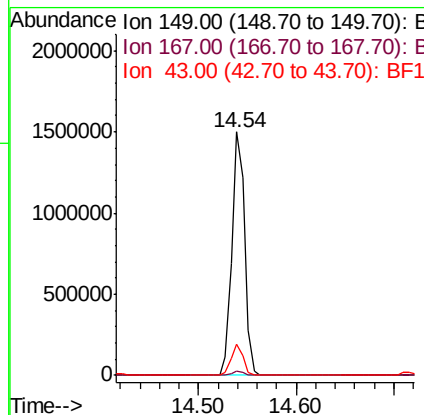
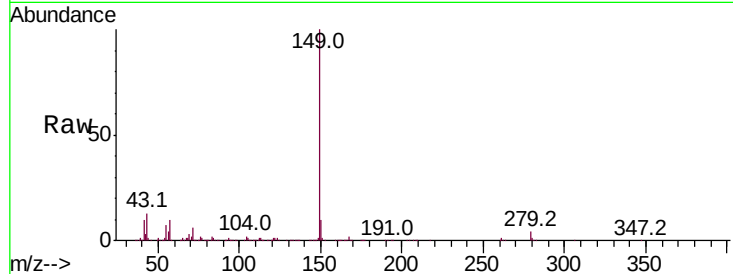
ClientSampleId :

PB119807BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.7	10.1	15.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.740 ng

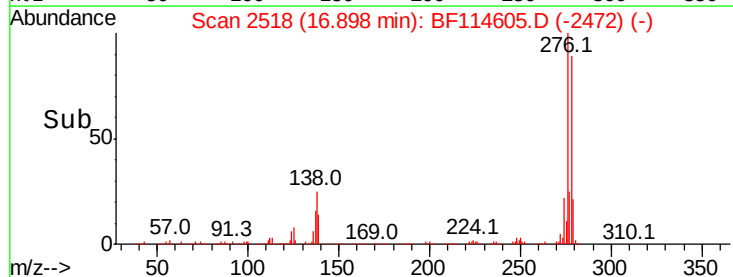
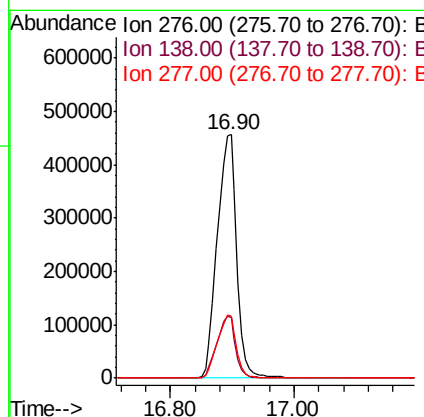
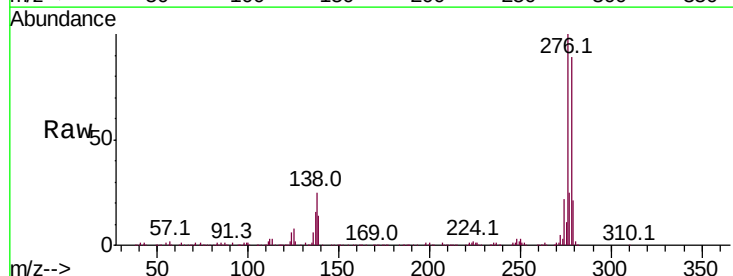
RT: 16.90 min Scan# 2518

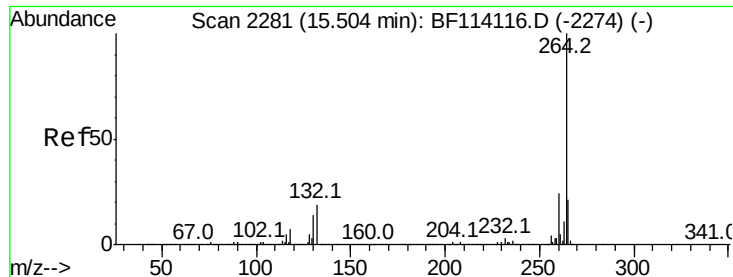
Delta R.T. -0.03 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.2	30.2
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

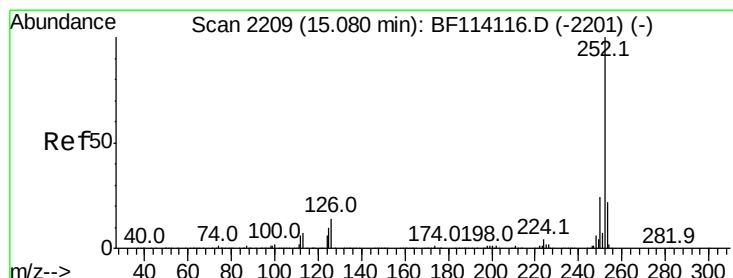
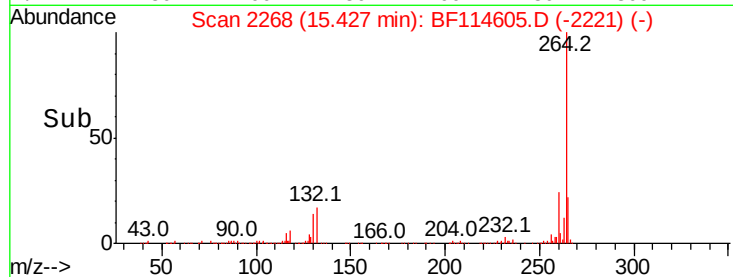
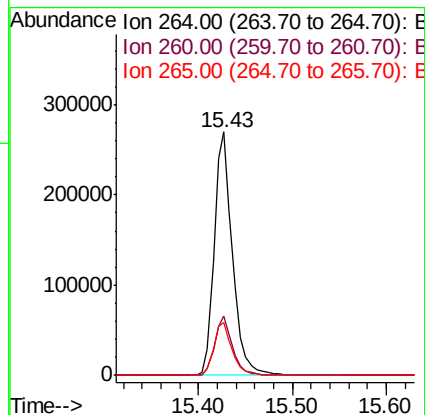
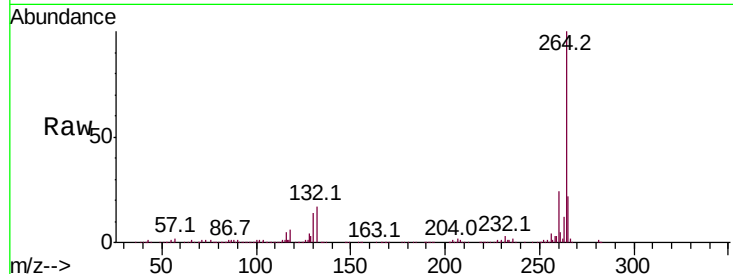
ClientSampleId :

PB119807BS

Tot Ion:	264	Resp:	368166
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.0
265	21.5	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 48.536 ng

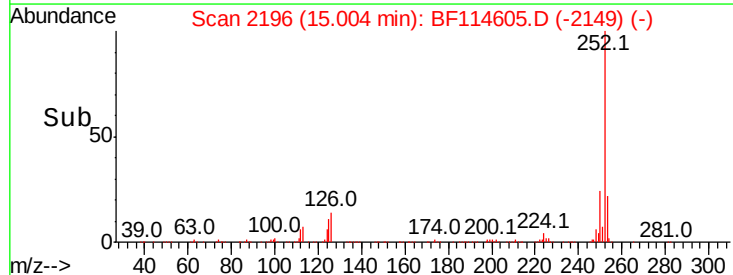
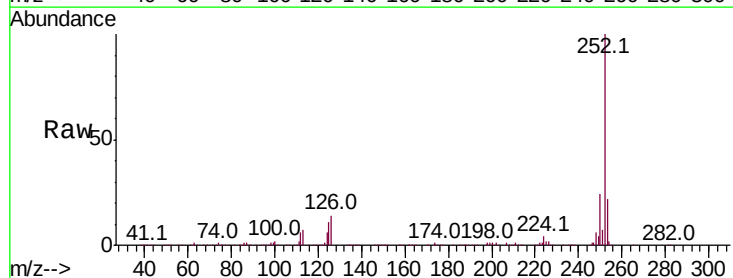
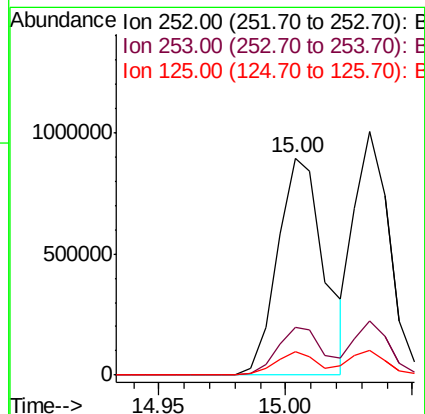
RT: 15.00 min Scan# 2196

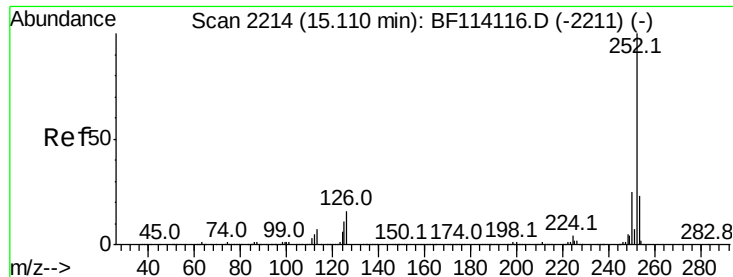
Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:	252	Resp:	1144809
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.8	8.3	12.5





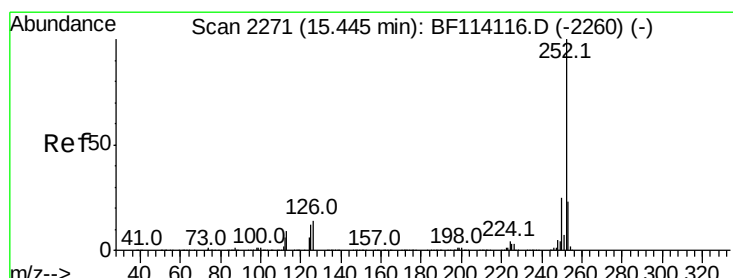
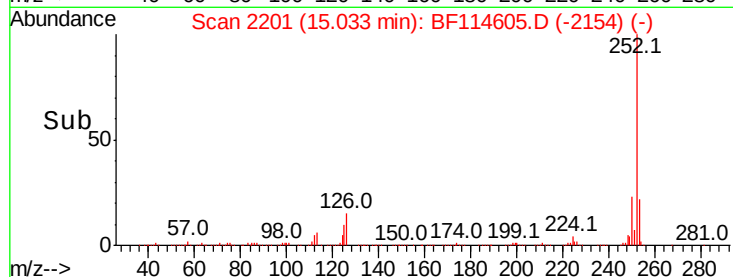
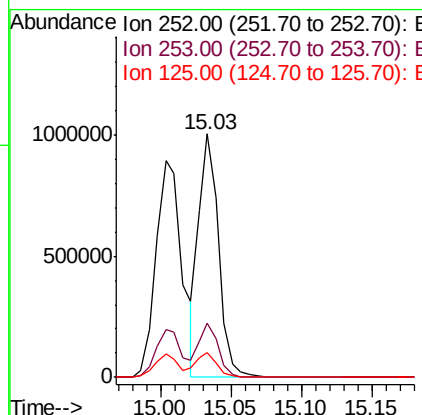
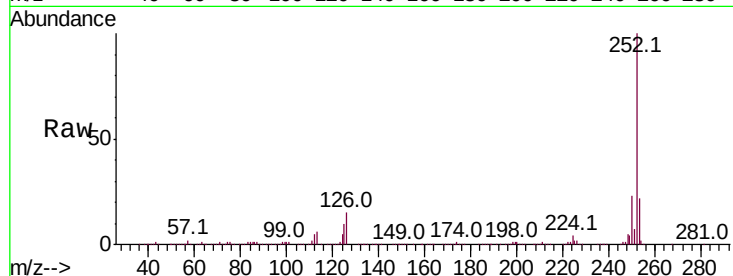
#89
Benzo(k)fluoranthene
Concen: 44.927 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.3	8.6	13.0

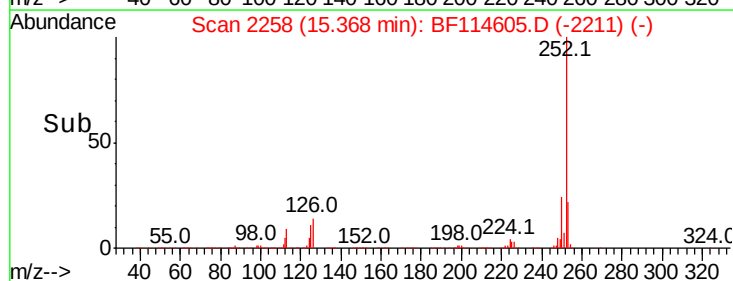
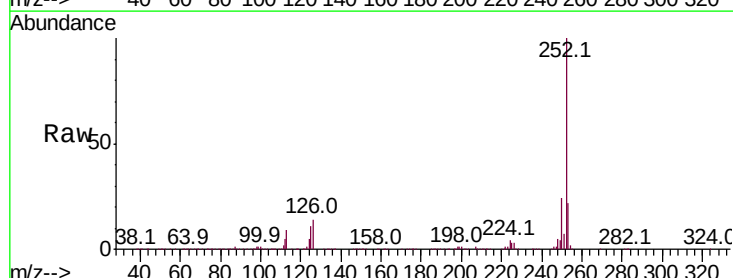
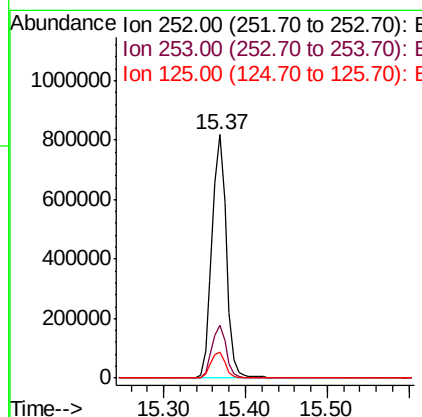
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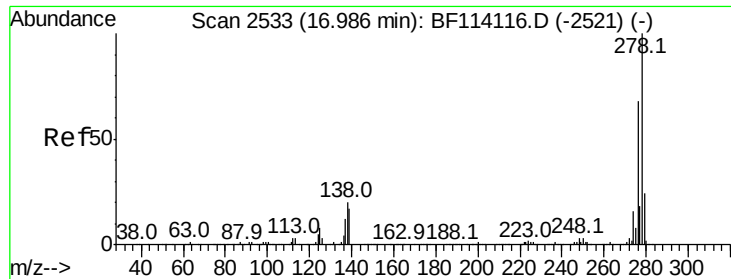
mohammad
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#90
Benzo(a)pyrene
Concen: 48.355 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.9	9.5	14.3





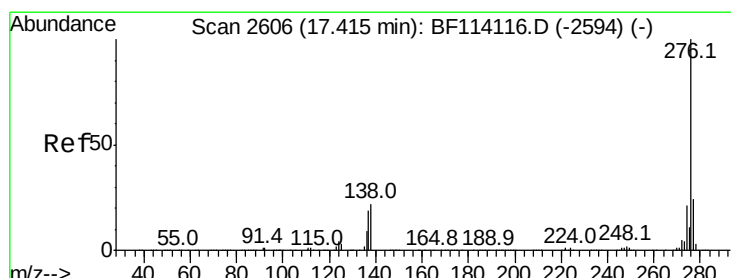
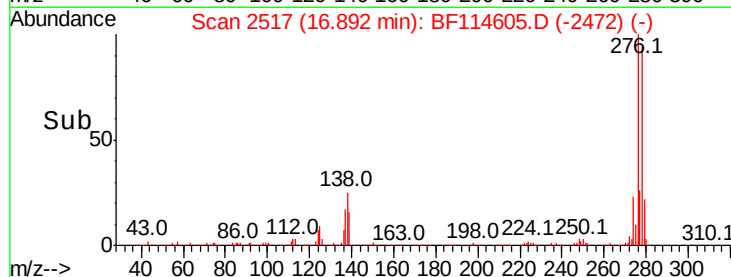
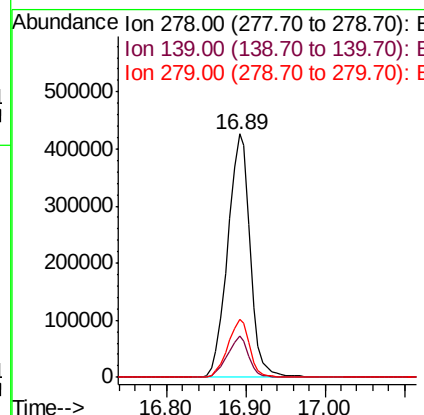
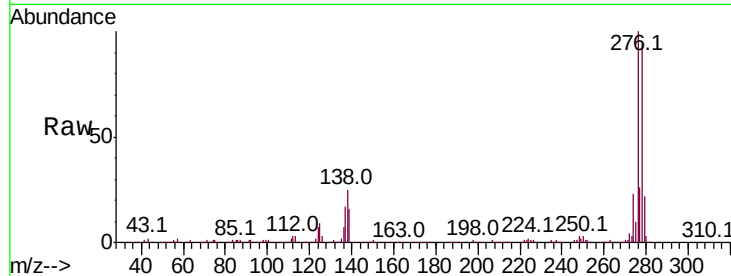
#91
Dibenzo(a,h)anthracene
Concen: 48.293 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :
PB119807BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.5	20.3
279	23.6	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 48.291 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.04 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.3	17.8	26.6

