

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114257.D
 Acq On : 14 May 2019 17:06
 Operator : JU/SJ
 Sample : K2766-12MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Manual Integrations
 APPROVED

mohammad
 5/16/2019 9:10:02 AM

Quant Time: May 15 02:20:57 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	231916	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	888249	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	421913	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	785791	20.00	ng	0.00
76) Chrysene-d12	14.03	240	524006	20.00	ng	0.01
87) Perylene-d12	15.53	264	562330	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1580169	109.65	ng	0.01
7) Phenol-d6	6.51	99	2080471	122.06	ng	0.02
23) Nitrobenzene-d5	7.42	82	1347055	85.11	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	452627	103.77	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2072018	74.29	ng	0.00
79) Terphenyl-d14	12.96	244	1852854	72.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	246508	31.120	ng	99
3) Pyridine	3.43	79	136743	6.265	ng	96
4) n-Nitrosodimethylamine	3.33	42	376515	35.775	ng	# 92
8) 2-Chlorophenol	6.65	128	640111	41.606	ng	97
9) Benzaldehyde	6.40	77	220490	18.478	ng	99
10) Phenol	6.52	94	796180	39.708	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	650595	42.739	ng	98
12) 1,3-Dichlorobenzene	6.80	146	643441	37.258	ng	98
13) 1,4-Dichlorobenzene	6.87	146	656144	37.705	ng	96
14) 1,2-Dichlorobenzene	7.03	146	612481	38.524	ng	99
15) Benzyl Alcohol	7.00	79	532999	40.094	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1142714	38.716	ng	53
17) 2-Methylphenol	7.12	107	502500	39.761	ng	# 92
18) Hexachloroethane	7.37	117	240291	36.786	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	448816	41.543	ng	98
20) 3+4-Methylphenols	7.27	107	624223	42.750	ng	# 60
22) Acetophenone	7.26	105	874314	44.432	ng	# 89
24) Nitrobenzene	7.44	77	696229	43.189	ng	97
25) Isophorone	7.67	82	1257769	42.848	ng	98
26) 2-Nitrophenol	7.76	139	361422	46.211	ng	98
27) 2,4-Dimethylphenol	7.80	122	529848	43.134	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	806350	42.337	ng	100
29) 2,4-Dichlorophenol	8.00	162	523134	42.769	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	541731	38.948	ng	97
31) Naphthalene	8.16	128	1756180	42.326	ng	100
32) Benzoic acid	7.93	122	295698	35.843	ng	98
34) Hexachlorobutadiene	8.27	225	300483	37.968	ng	100
35) Caprolactam	8.59	113	138239m	34.660	ng	
36) 4-Chloro-3-methylphenol	8.70	107	552202	44.850	ng	97
37) 2-Methylnaphthalene	8.85	142	1171903	43.777	ng	97
38) 1-Methylnaphthalene	8.95	142	1105558	43.854	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	530037	41.472	ng	99
41) Hexachlorocyclopentadiene	9.00	237	258028	45.317	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	361282	41.097	ng	100

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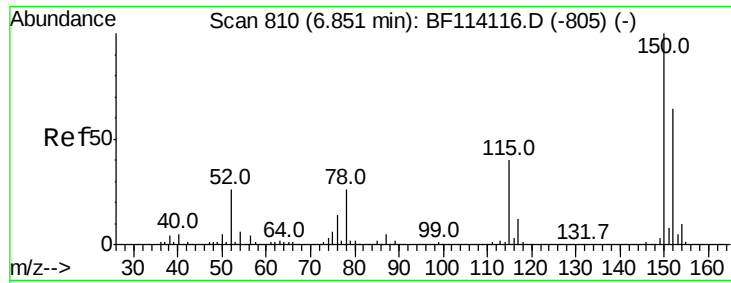
Manual Integrations
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Quant Time: May 15 02:20:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.18	196	375873	41.692	ng	95
46) 1,1'-Biphenyl	9.31	154	1429459	41.938	ng	97
47) 2-Chloronaphthalene	9.34	162	1083470	39.498	ng	99
48) 2-Nitroaniline	9.44	65	403985	41.526	ng	96
49) Acenaphthylene	9.76	152	1708997	40.962	ng	99
50) Dimethylphthalate	9.61	163	1660473	53.611	ng	97
51) 2,6-Dinitrotoluene	9.68	165	292777	42.619	ng	88
52) Acenaphthene	9.93	154	997366	38.957	ng	99
53) 3-Nitroaniline	9.85	138	69040	8.096	ng	98
54) 2,4-Dinitrophenol	9.96	184	190257	57.180	ng	96
55) Dibenzofuran	10.10	168	1475772	39.311	ng	98
56) 4-Nitrophenol	10.03	139	406163	67.350	ng	88
57) 2,4-Dinitrotoluene	10.09	165	378785	40.624	ng	94
58) Fluorene	10.44	166	1174269	40.496	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	300473	38.627	ng	99
60) Diethylphthalate	10.31	149	1253284	39.825	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	573528	40.270	ng	97
62) 4-Nitroaniline	10.46	138	110918	12.378	ng	98
63) Azobenzene	10.59	77	1228103	40.317	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	135622	35.918	ng	89
66) n-Nitrosodiphenylamine	10.55	169	1021717	42.841	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	359128	41.509	ng	97
68) Hexachlorobenzene	11.00	284	402042	42.005	ng	93
69) Atrazine	11.08	200	278298	37.498	ng	99
70) Pentachlorophenol	11.19	266	334643	73.755	ng	98
71) Phenanthrene	11.40	178	1653522	43.252	ng	99
72) Anthracene	11.46	178	1623212	42.273	ng	99
73) Carbazole	11.61	167	1473531	40.242	ng	98
74) Di-n-butylphthalate	11.93	149	1320573	31.304	ng	100
75) Fluoranthene	12.60	202	1701601	41.333	ng	99
78) Pyrene	12.83	202	1776518	42.144	ng	99
80) Butylbenzylphthalate	13.43	149	713772	40.229	ng	95
81) Benzo(a)anthracene	14.02	228	1494061	44.082	ng	100
83) Chrysene	14.06	228	1304608	39.267	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1090785	47.006	ng	100
85) Di-n-octyl phthalate	14.63	149	1853962	49.285	ng	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1393846	47.470	ng	99
88) Benzo(b)fluoranthene	15.10	252	1597368	44.339	ng	98
89) Benzo(k)fluoranthene	15.13	252	1476190	44.607	ng	99
90) Benzo(a)pyrene	15.47	252	1464381	46.186	ng	98
91) Dibenzo(a,h)anthracene	17.04	278	1146661	43.523	ng	99
92) Benzo(g,h,i)perylene	17.49	276	1163929	44.084	ng	99

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



#1

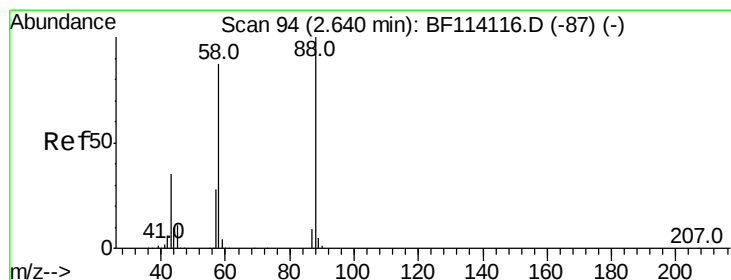
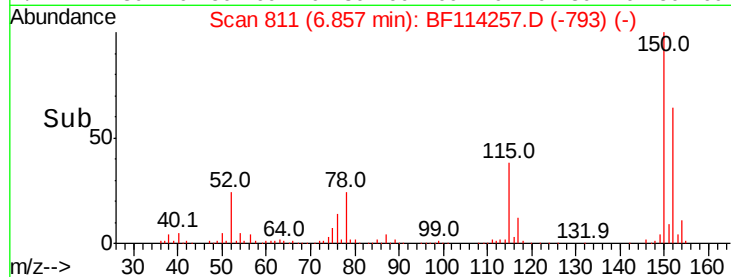
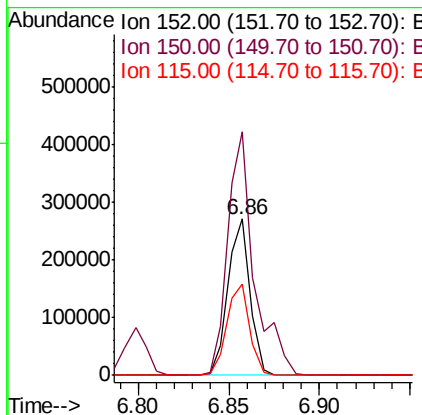
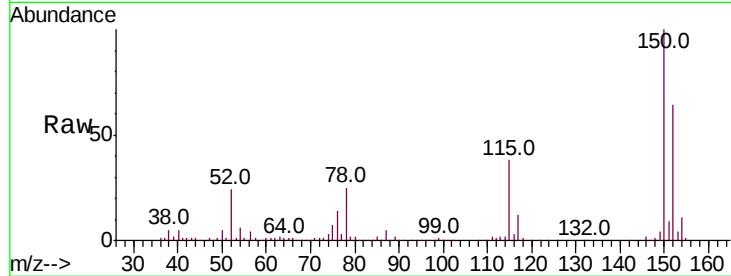
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	58.6	49.1	73.7

Manual Integrations
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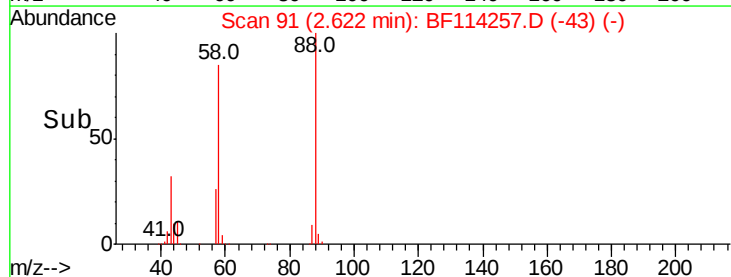
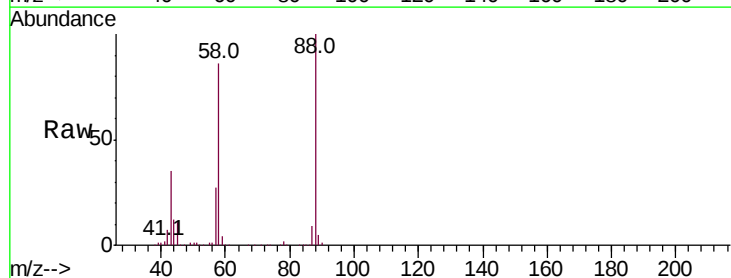
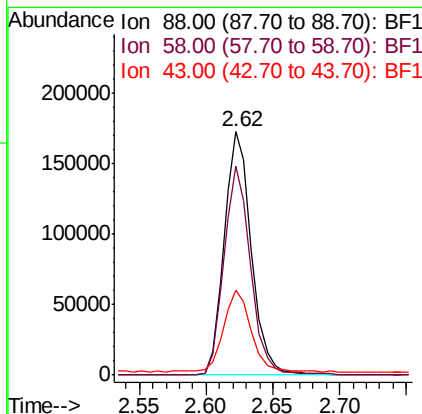
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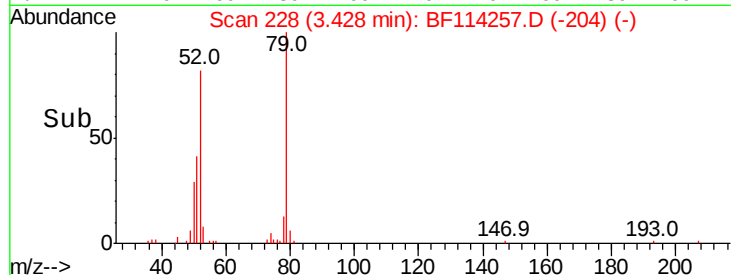
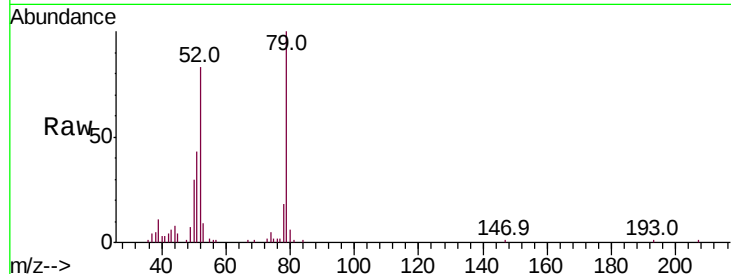
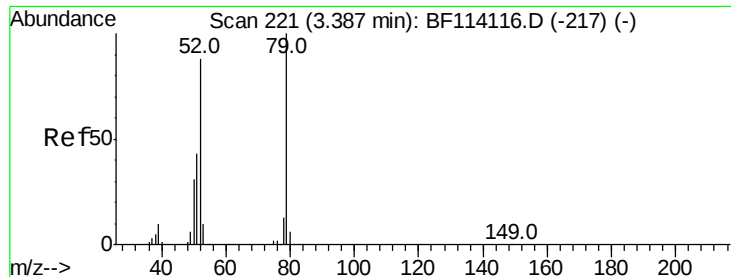


#2

1,4-Dioxane
Concen: 31.120 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.7	103.1
43	36.1	28.2	42.2





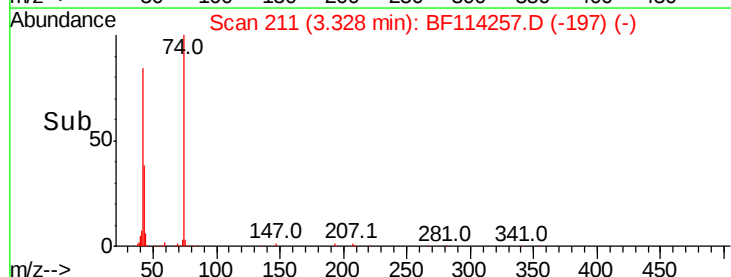
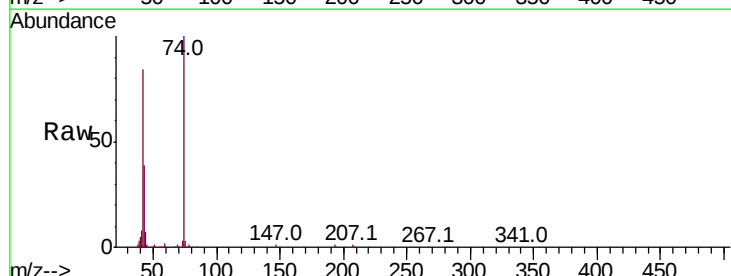
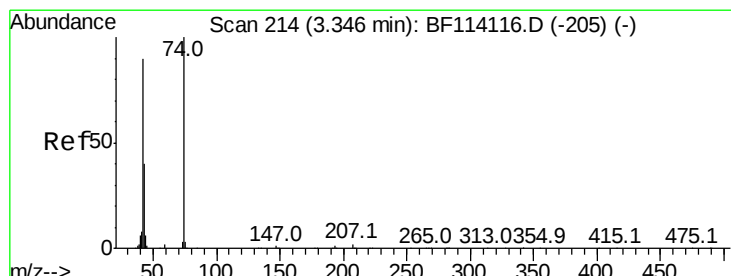
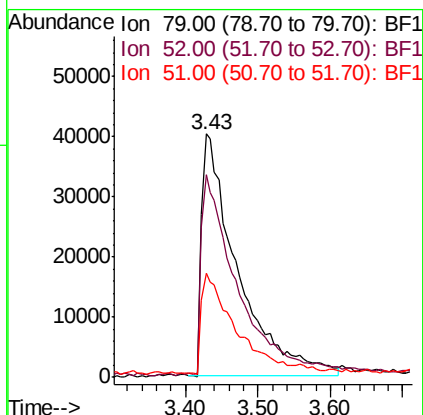
#3
Pvridine
Concen: 6.265 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.04 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	83.3	70.6	105.8	
51	42.9	34.2	51.2	

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

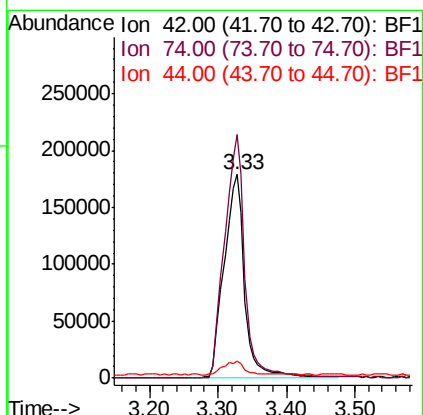
Manual Integrations
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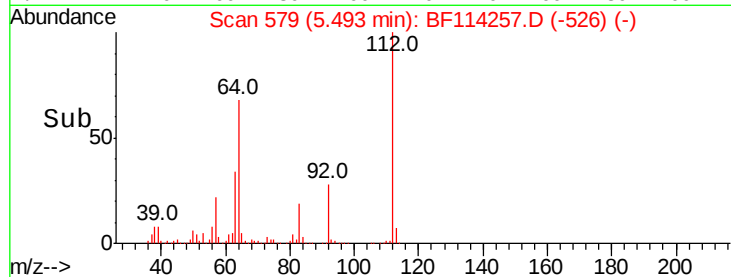
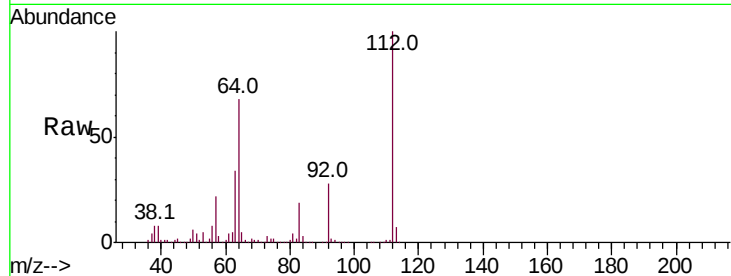
mohammad
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#4
n-Nitrosodimethylamine
Concen: 35.775 ng
RT: 3.33 min Scan# 211
Delta R.T. -0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	119.7	88.6	132.8	
44	8.3	5.5	8.3#	





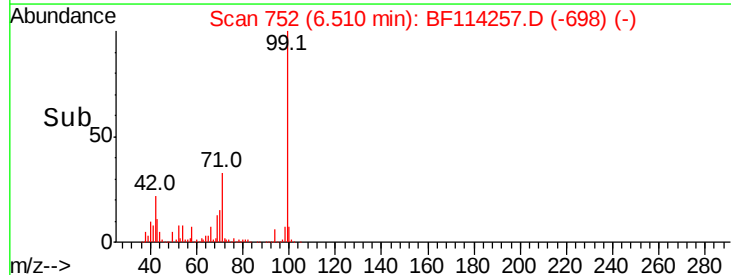
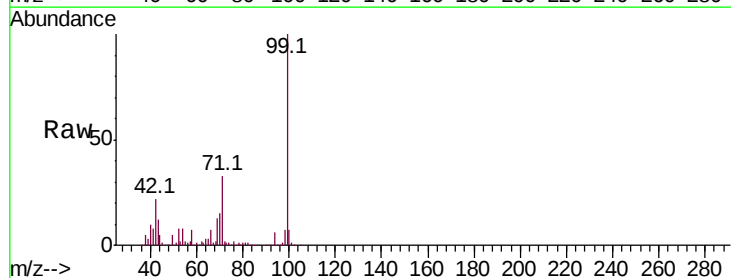
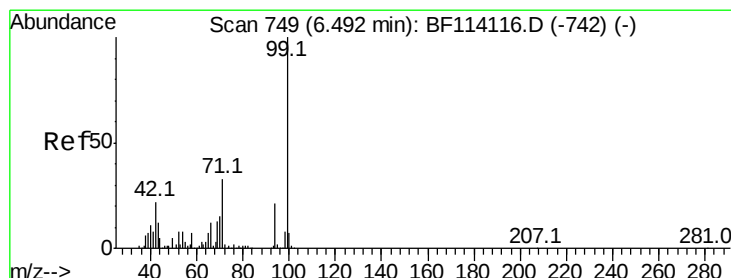
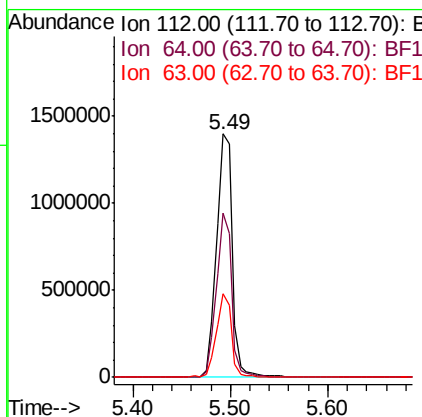
#5
2-Fluorophenol
Concen: 109.648 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tot Ion: 112 Resp: 1580169
Ion Ratio Lower Upper
112 100
64 67.6 49.0 73.6
63 34.2 24.6 37.0

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

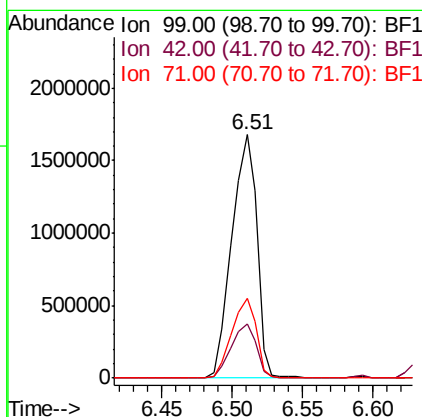
Manual Integrations
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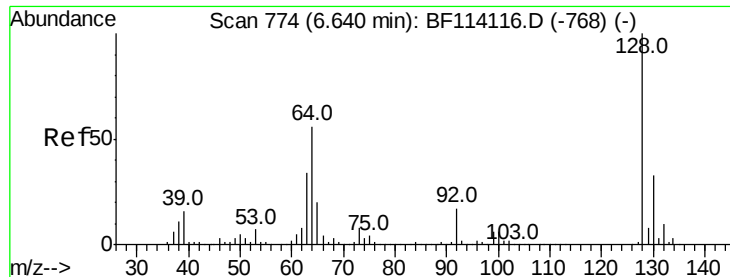
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#7
Phenol-d6
Concen: 122.059 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion: 99 Resp: 2080471
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 32.9 26.2 39.2





#8

2-Chlorophenol

Concen: 41.606 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

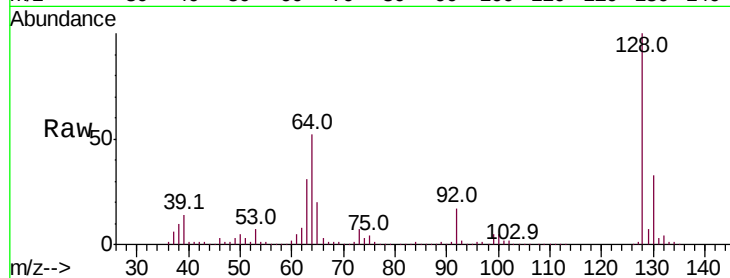
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P026-SS008-0206-01MS

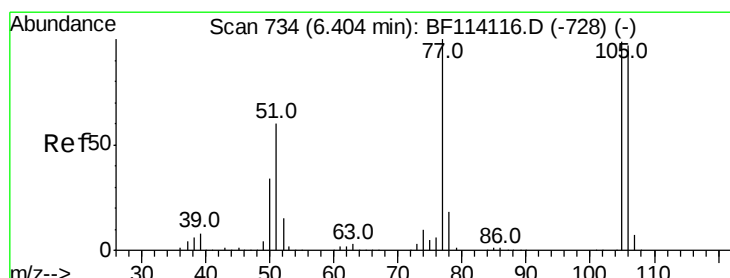
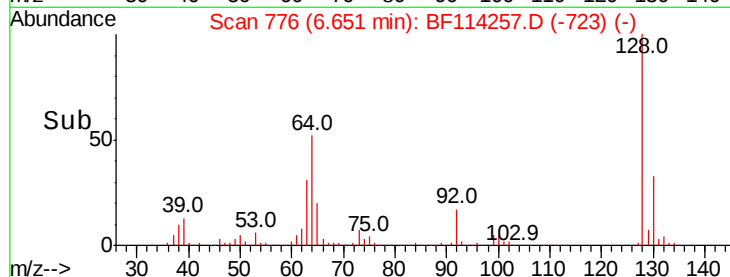
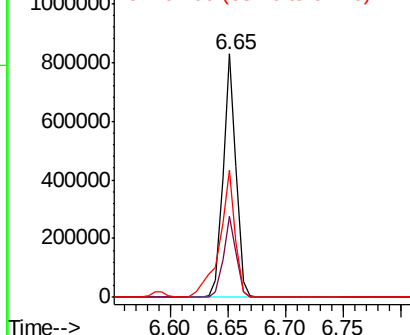
Tot Ion:	128	Resp:	640111
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.6	52.6
64	52.4	35.9	75.9

Manual Integrations
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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: 18.478 ng

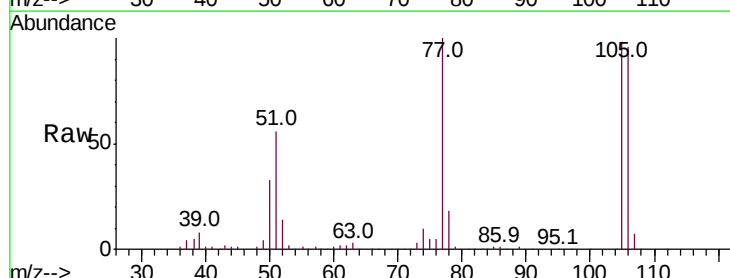
RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

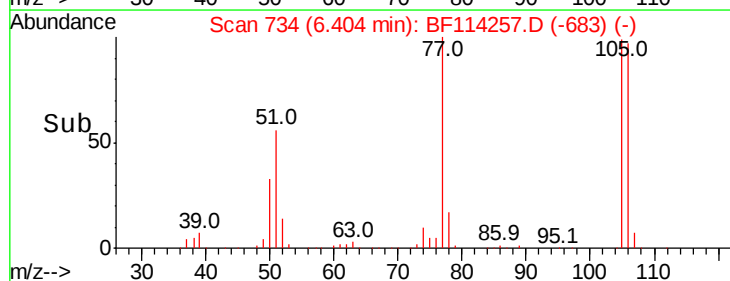
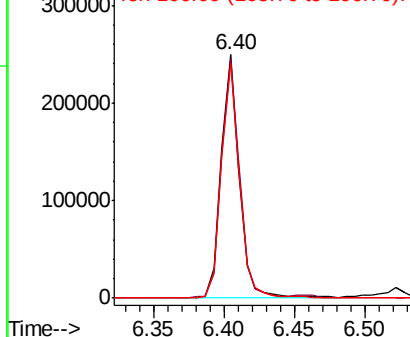
Lab File: BF114257.D

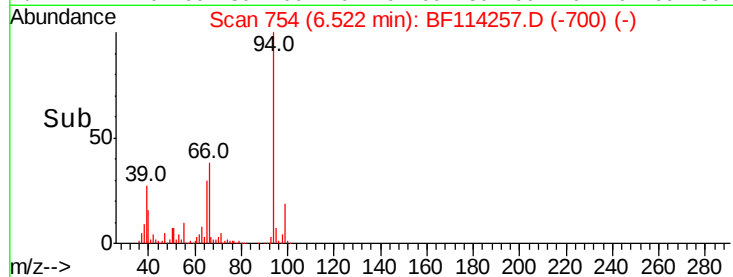
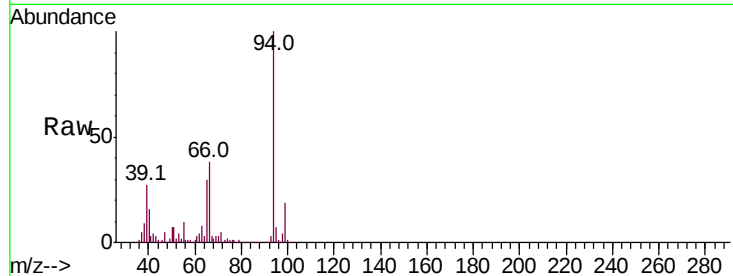
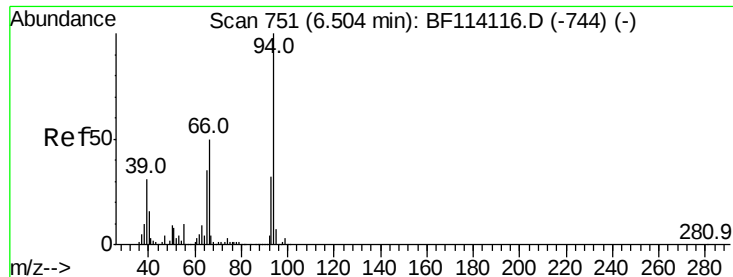
Acq: 14 May 2019 17:06

Tgt Ion:	77	Resp:	220490
Ion Ratio	Lower	Upper	
77	100		
105	98.4	79.3	119.3
106	96.1	77.0	117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.708 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tot Ion:	94	Resp:	796180
Ion Ratio	Lower	Upper	
94	100		
65	29.9	14.7	54.7
66	37.7	29.6	69.6

Instrument :

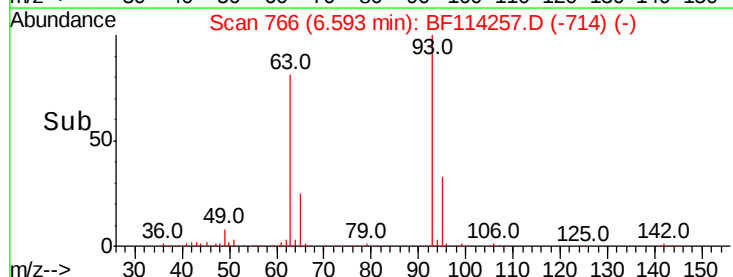
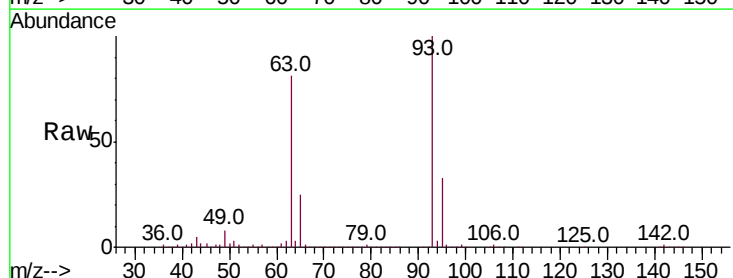
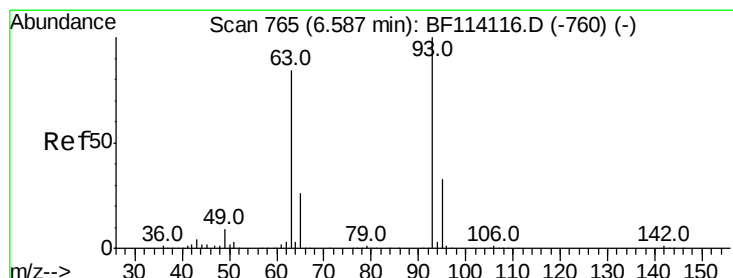
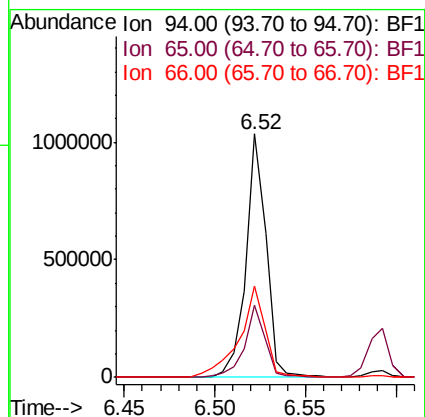
BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 42.739 ng

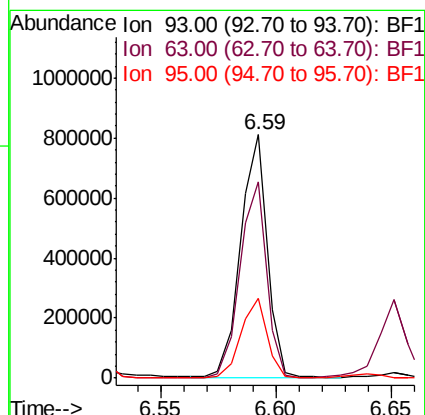
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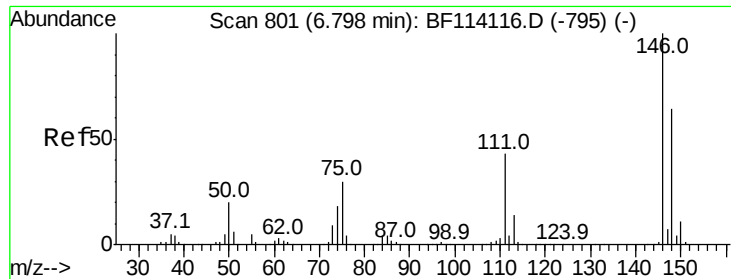
Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion:	93	Resp:	650595
Ion Ratio	Lower	Upper	
93	100		
63	80.8	63.6	103.6
95	32.9	13.1	53.1





#12

1,3-Dichlorobenzene

Concen: 37.258 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

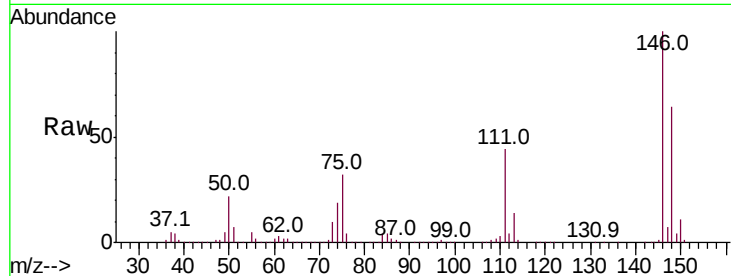
ClientSampleId :

P026-SS008-0206-01MS

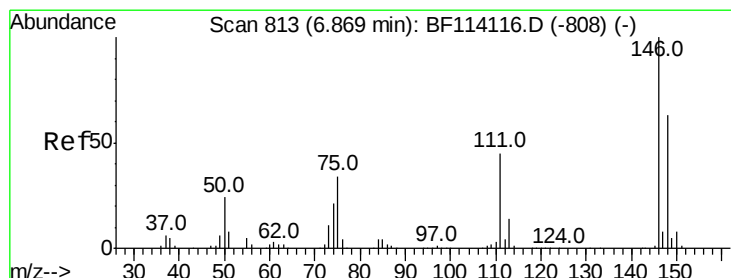
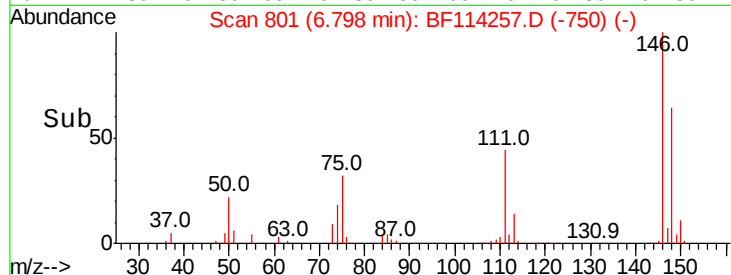
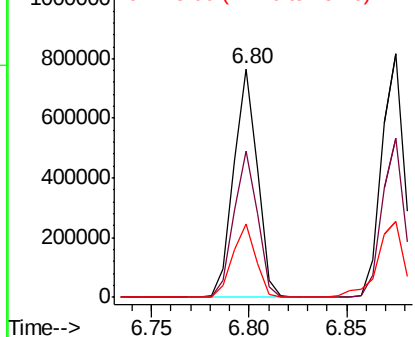
Tot Ion:	146	Resp:	643441
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.6	77.4
75	32.0	24.2	36.2

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 37.705 ng

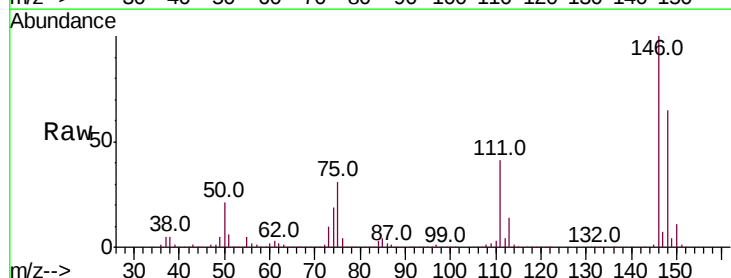
RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

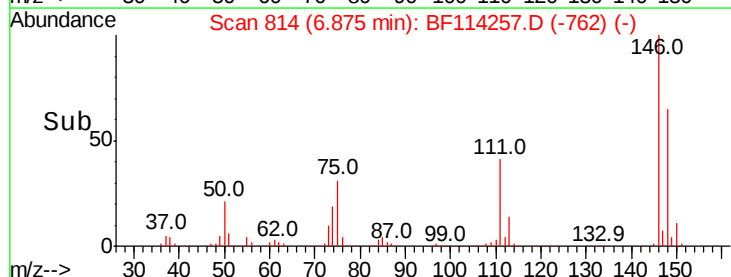
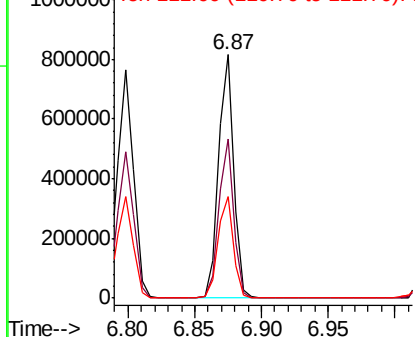
Lab File: BF114257.D

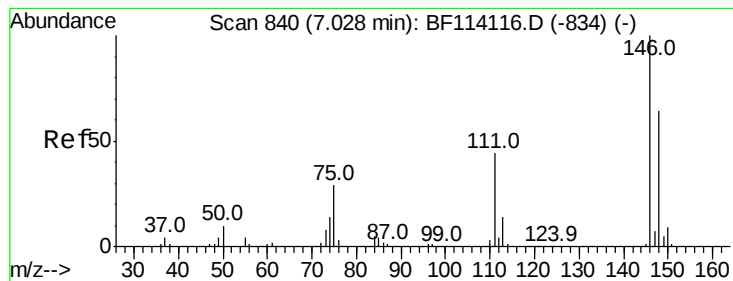
Acq: 14 May 2019 17:06

Tgt Ion:	146	Resp:	656144
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.2	75.2
111	41.5	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





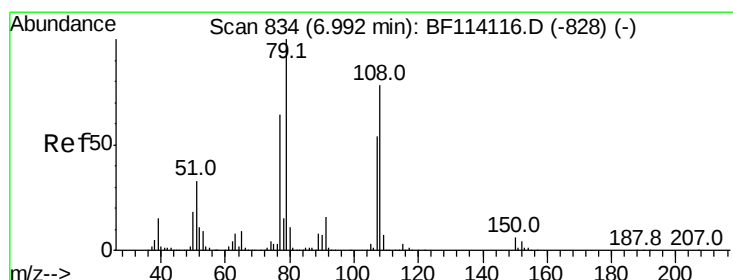
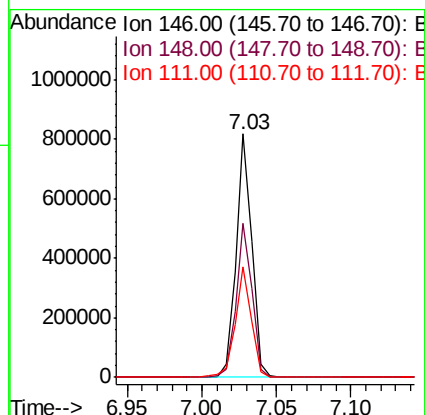
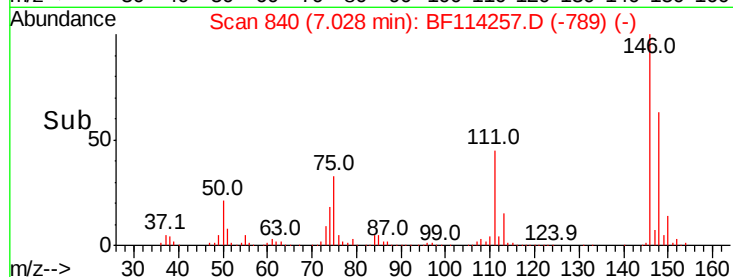
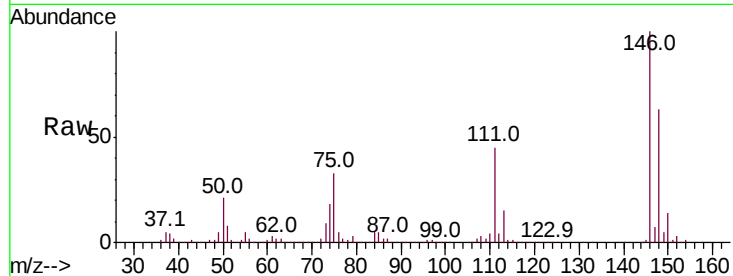
#14
1,2-Dichlorobenzene
Concen: 38.524 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	45.2	35.3	52.9

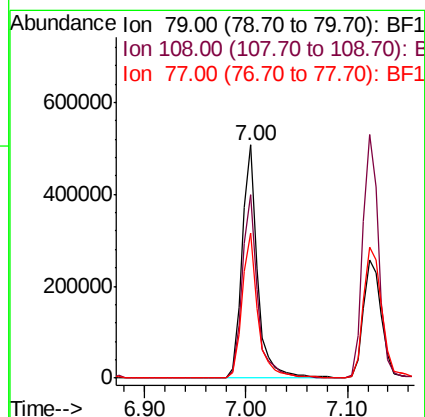
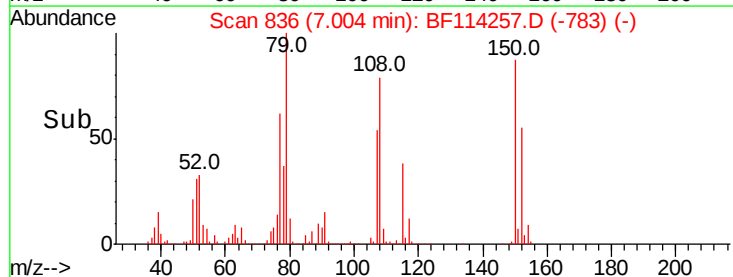
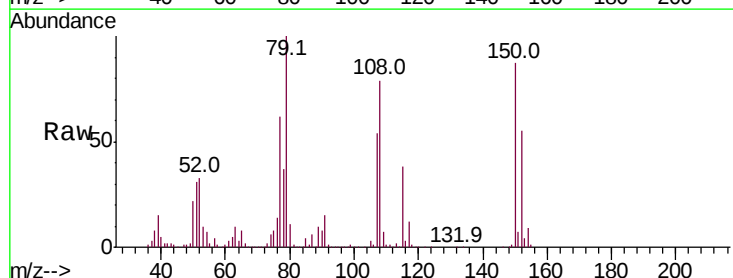
Manual Integrations
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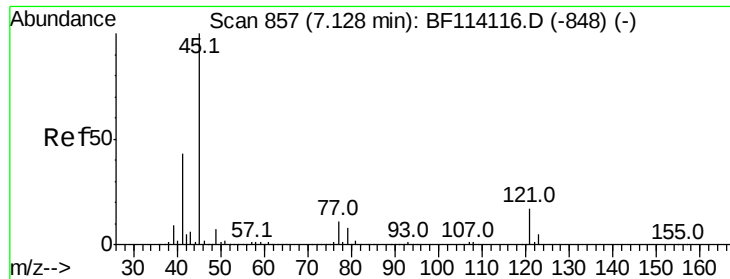
mohammad
5/16/2019 9:10:02 AM



#15
Benzyl Alcohol
Concen: 40.094 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.5	62.1	93.1
77	62.5	51.0	76.6





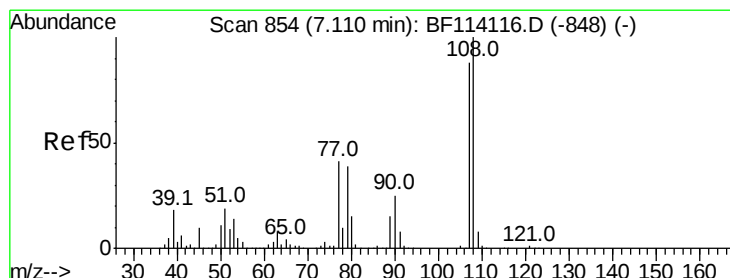
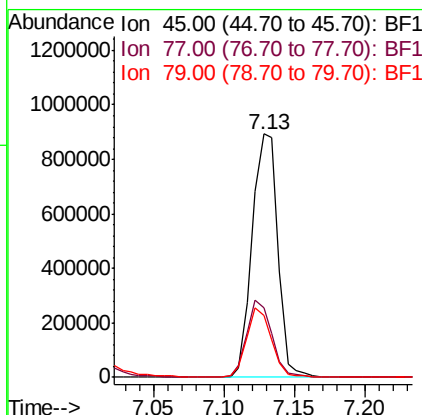
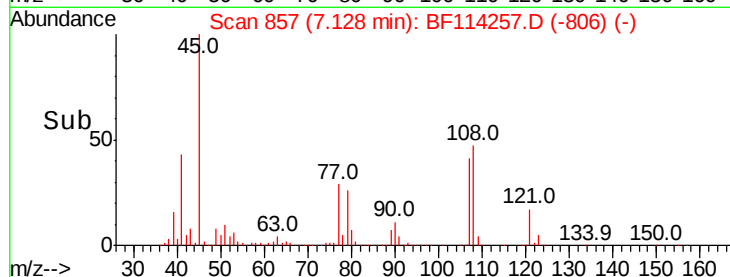
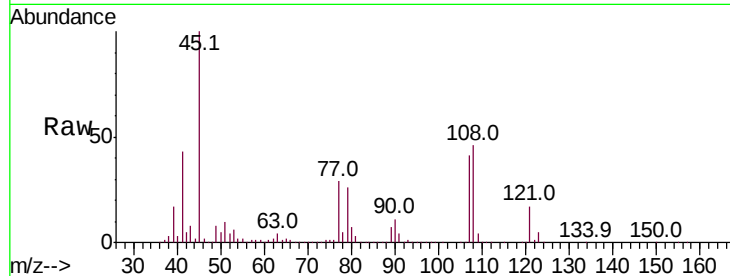
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.716 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
45	100		
77	28.7	0.0	31.1
79	25.6	0.0	28.4

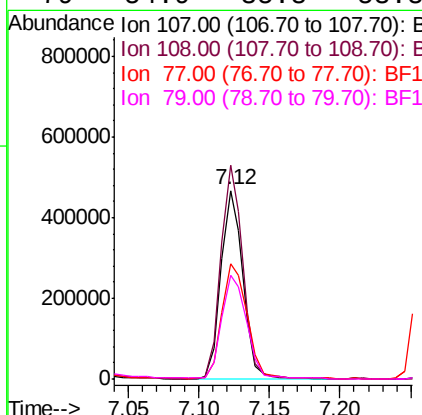
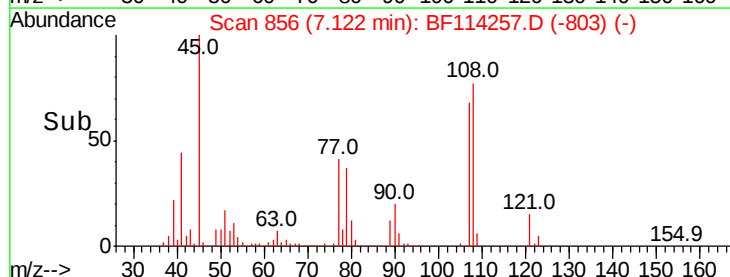
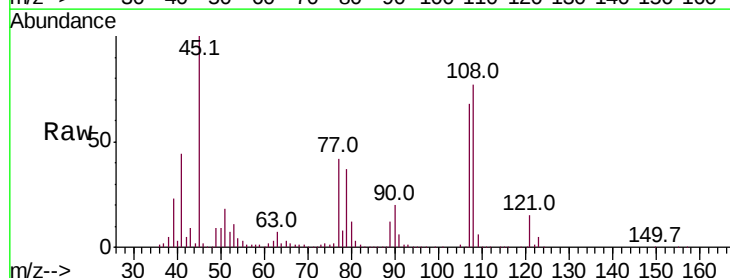
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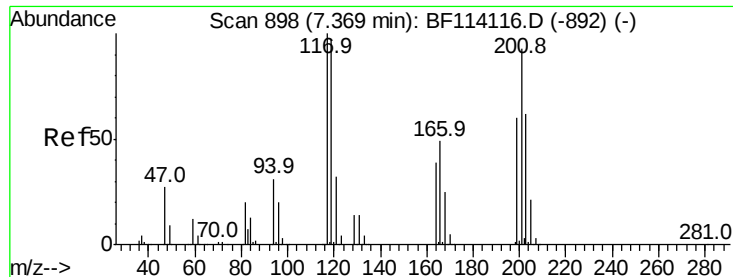
mohammad
5/16/2019 9:10:02 AM



#17
2-Methylphenol
Concen: 39.761 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.5	135.7
77	60.8	37.0	55.4#
79	54.9	35.8	53.8#





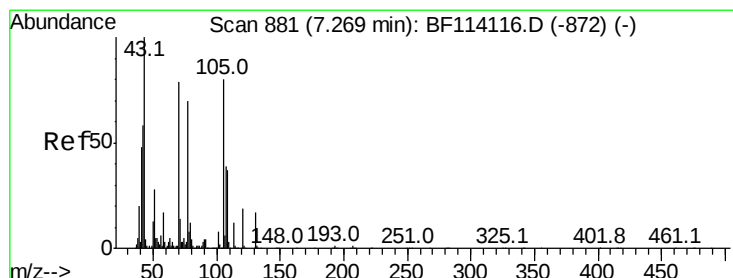
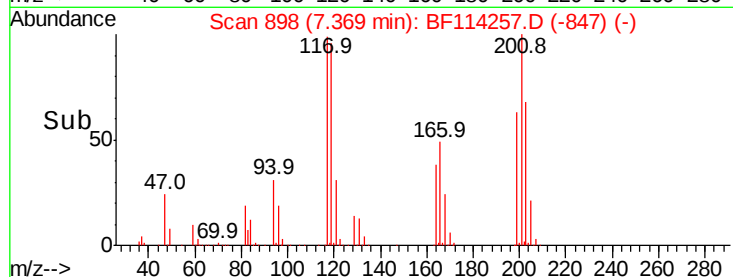
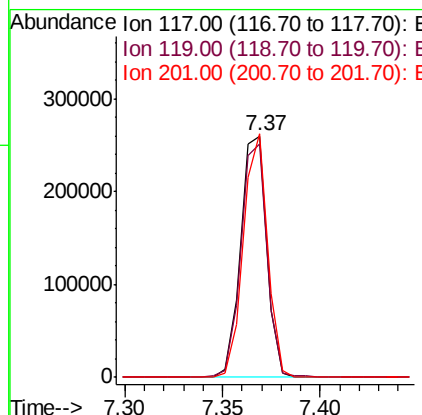
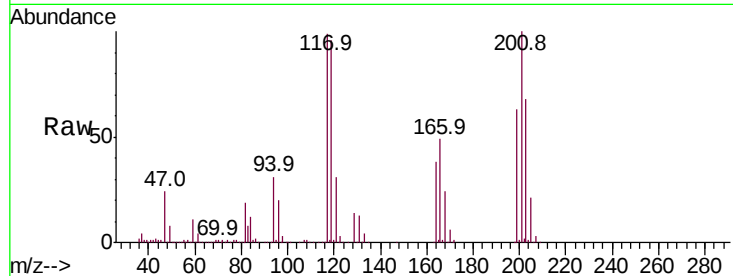
#18
Hexachloroethane
Concen: 36.786 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240291		
119	96.6	77.4	116.2	
201	100.8	74.5	111.7	

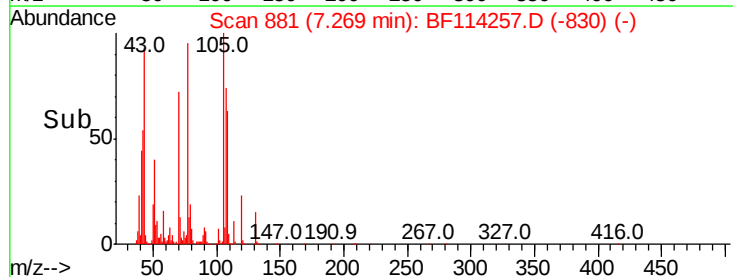
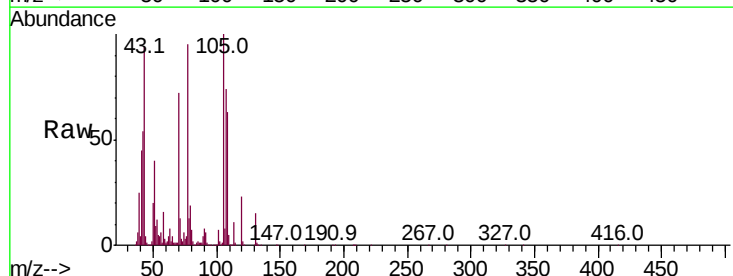
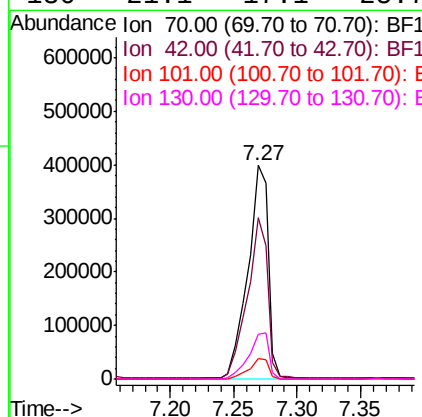
Manual Integrations
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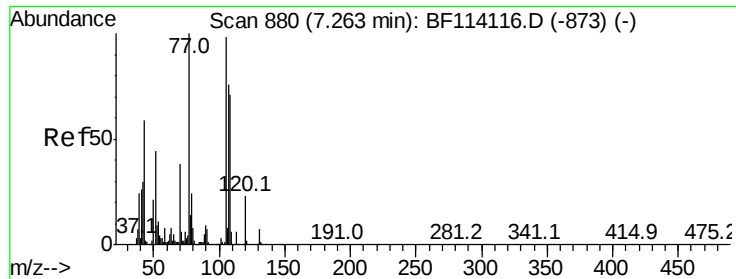
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 41.543 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	448816		
42	75.4	58.6	87.8	
101	9.5	7.8	11.8	
130	21.1	17.1	25.7	





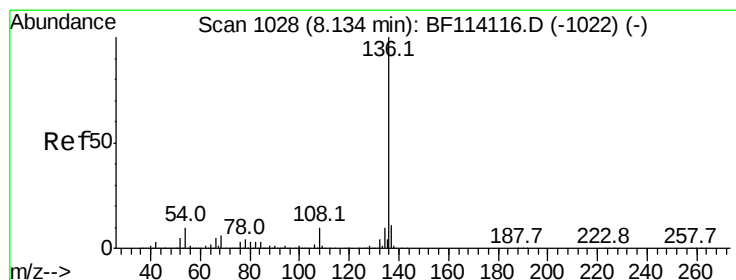
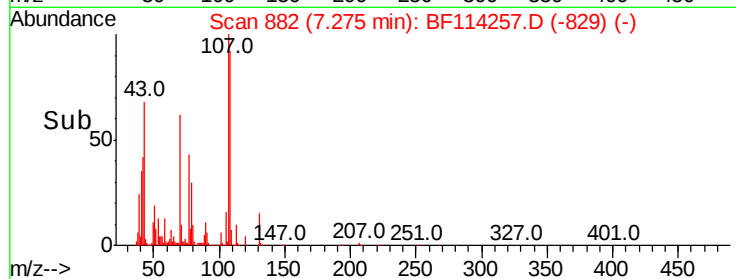
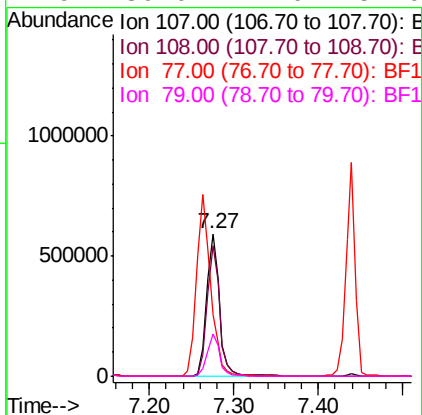
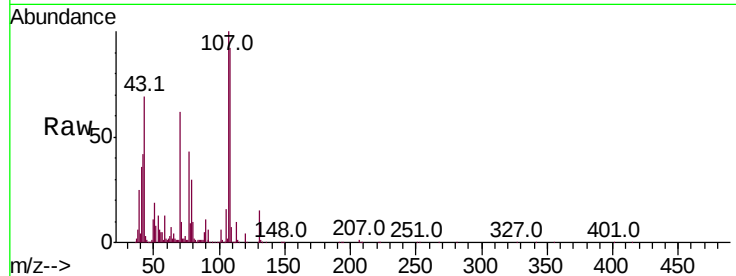
#20
3+4-Methylphenols
Concen: 42.750 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	624223		
108	91.7	73.8	113.8	
77	43.2	111.5	151.5	
79	30.0	12.0	52.0	

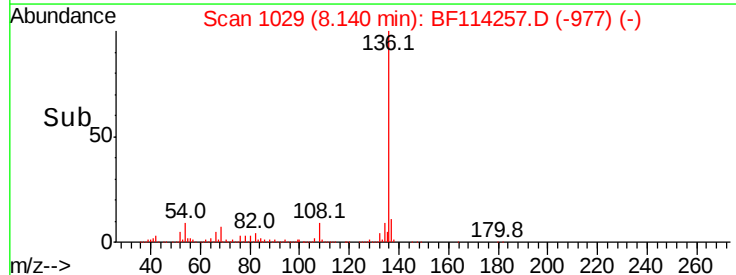
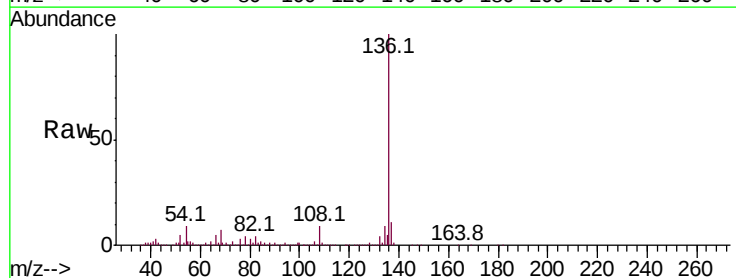
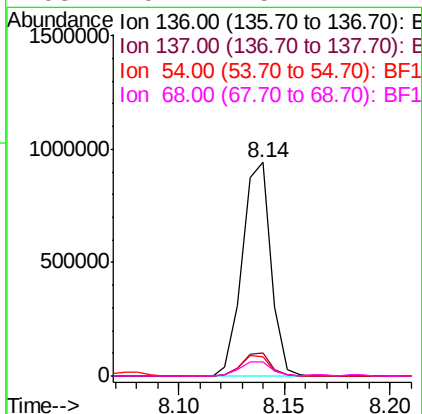
Manual Integrations
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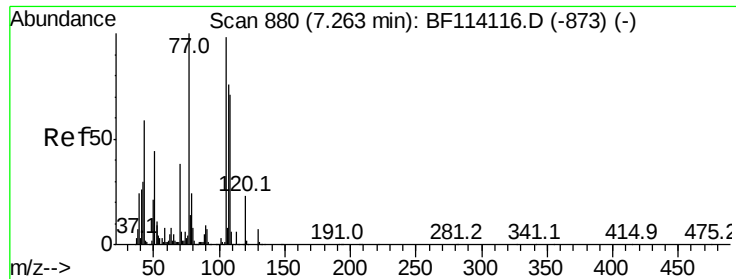
mohammad
5/16/2019 9:10:02 AM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	888249		
137	10.6	8.8	13.2	
54	9.0	7.8	11.8	
68	6.7	5.1	7.7	





#22

Acetophenone

Concen: 44.432 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

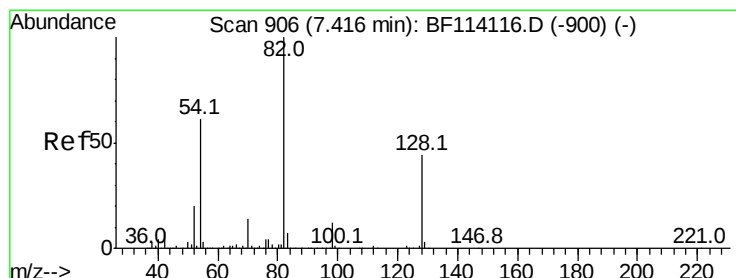
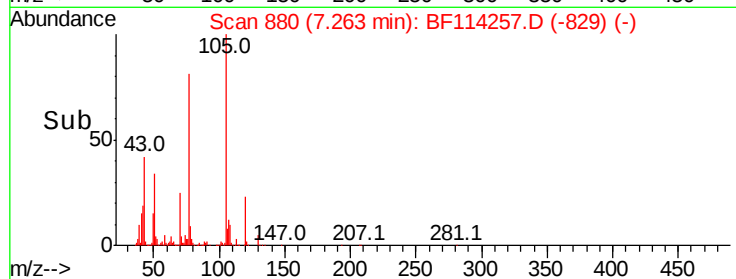
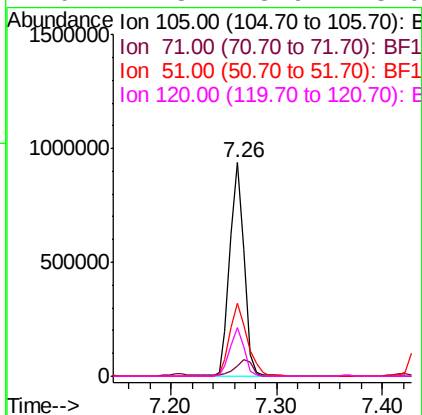
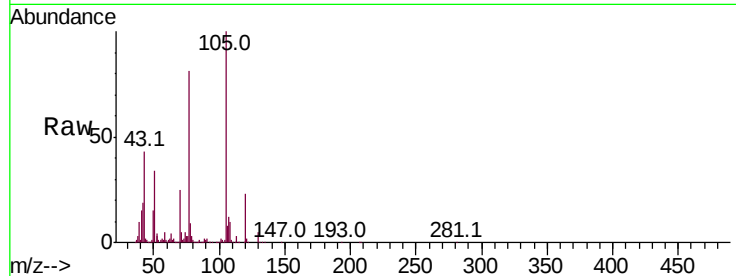
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion	105	Resp	874314
Ion Ratio	Lower	Upper	
105	100		
71	4.5	5.3	7.9#
51	34.5	36.2	54.4#
120	22.8	18.6	28.0

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#23

Nitrobenzene-d5

Concen: 85.108 ng

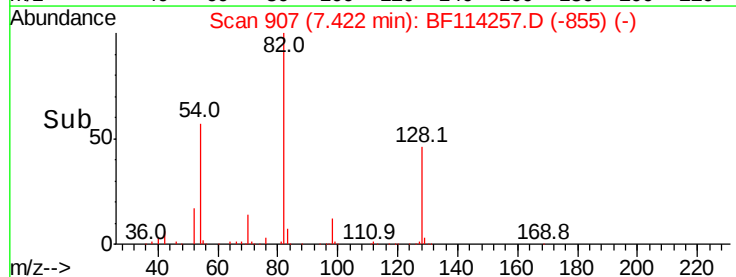
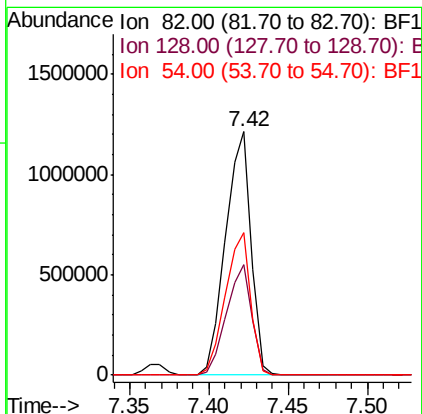
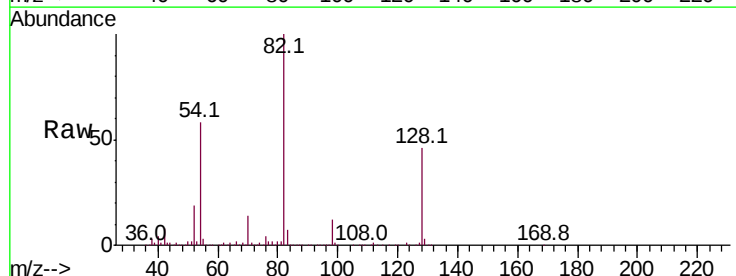
RT: 7.42 min Scan# 907

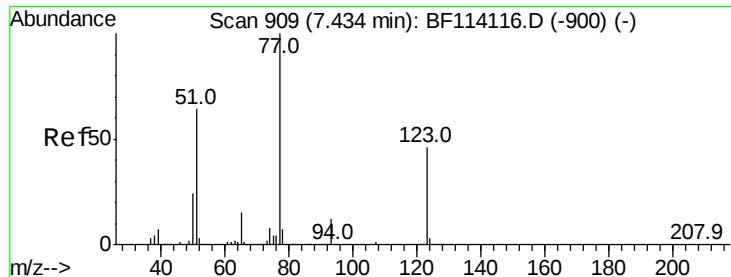
Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion	82	Resp	1347055
Ion Ratio	Lower	Upper	
82	100		
128	45.6	35.5	53.3
54	58.4	48.5	72.7





#24

Nitrobenzene

Concen: 43.189 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

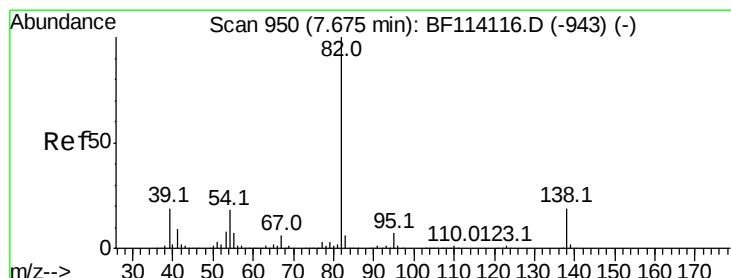
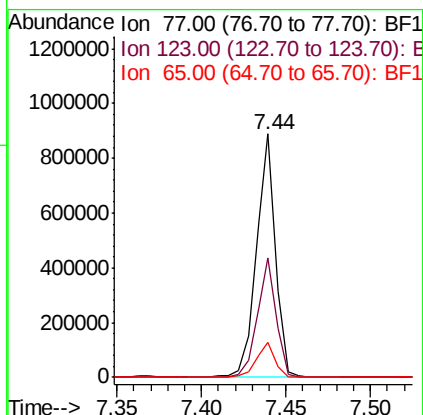
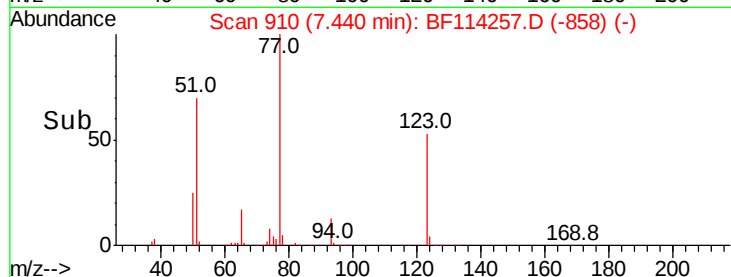
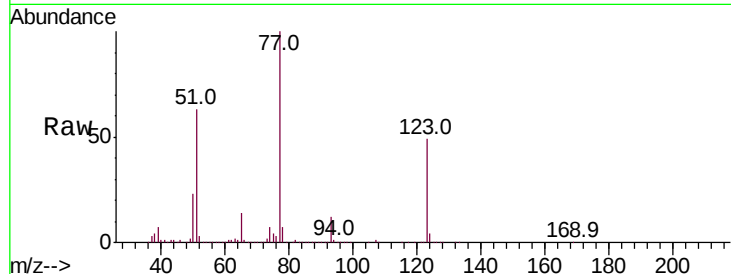
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	77	Resp:	696229
Ion Ratio	Lower	Upper	
77	100		
123	48.9	36.9	55.3
65	14.4	11.8	17.6

Manual Integrations
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#25

Isophorone

Concen: 42.848 ng

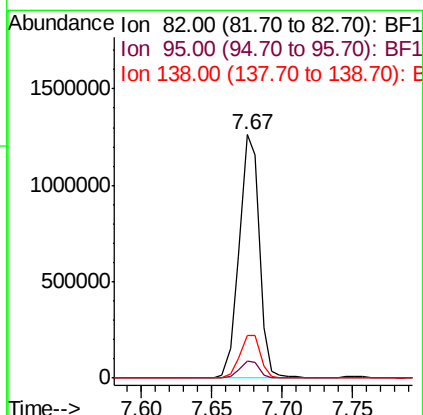
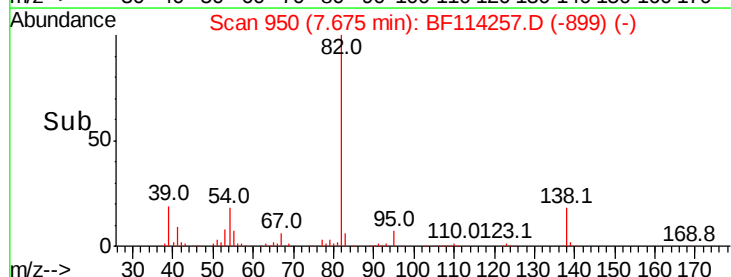
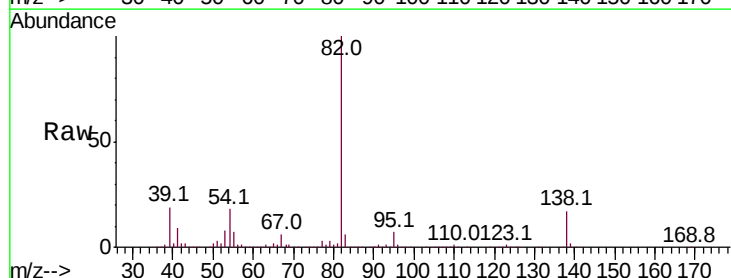
RT: 7.67 min Scan# 950

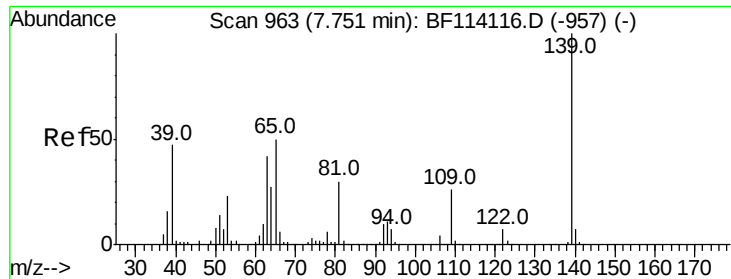
Delta R.T. 0.00 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion:	82	Resp:	1257769
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.4	14.8	22.2





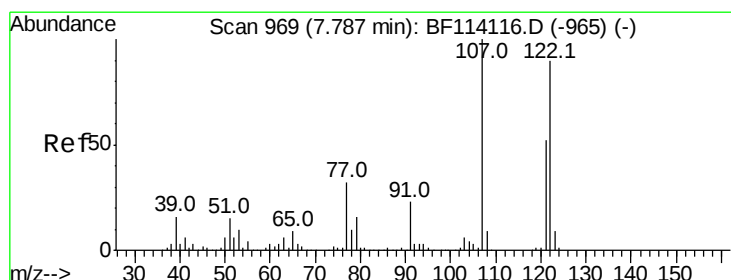
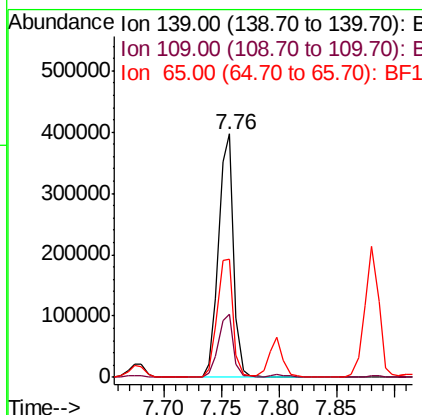
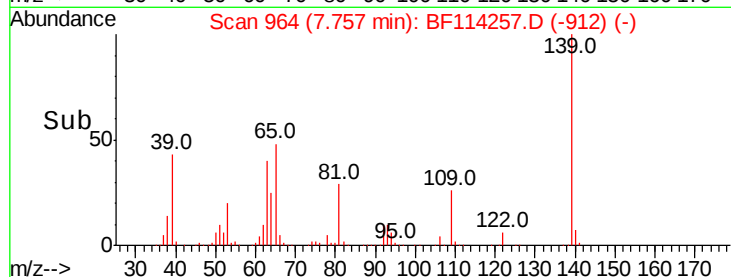
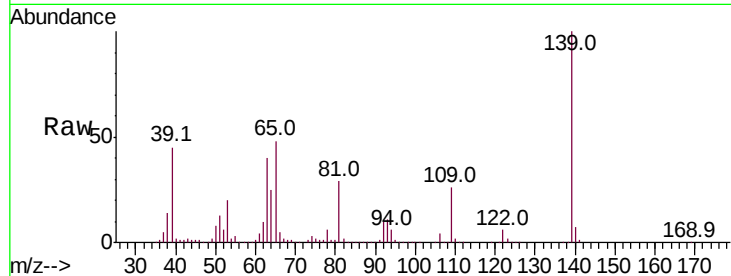
#26
2-Nitrophenol
Concen: 46.211 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	361422		
109	25.7	20.7	31.1	
65	48.4	40.2	60.2	

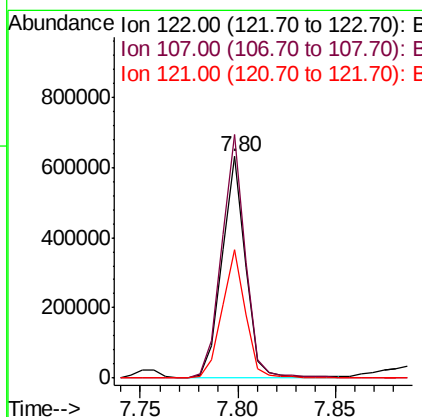
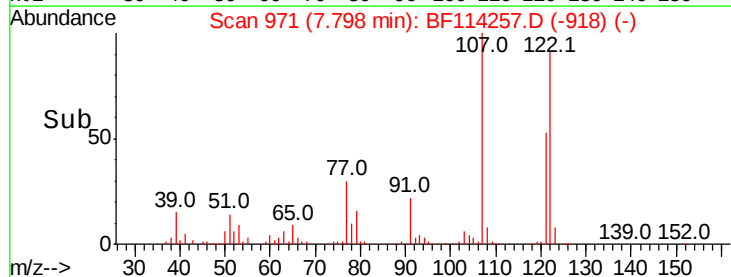
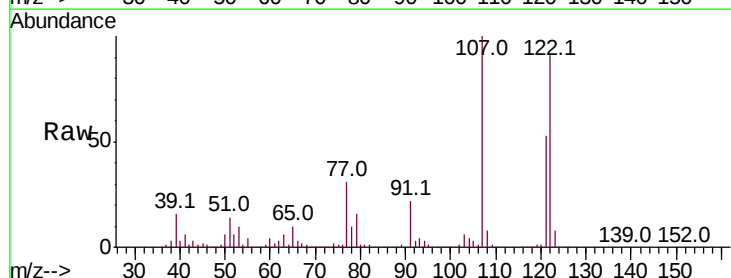
Manual Integrations
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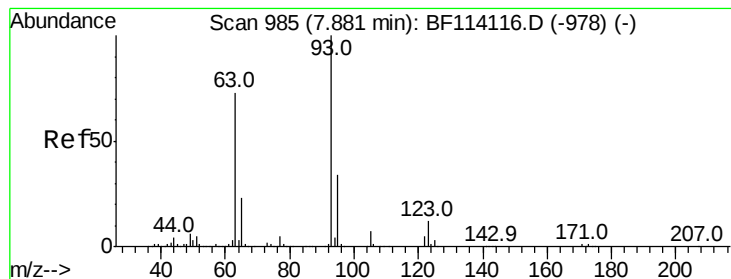
mohammad
5/16/2019 9:10:02 AM



#27
2,4-Dimethylphenol
Concen: 43.134 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	529848		
107	109.9	88.4	132.6	
121	57.9	45.9	68.9	





#28

bis(2-Chloroethoxy)methane

Concen: 42.337 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

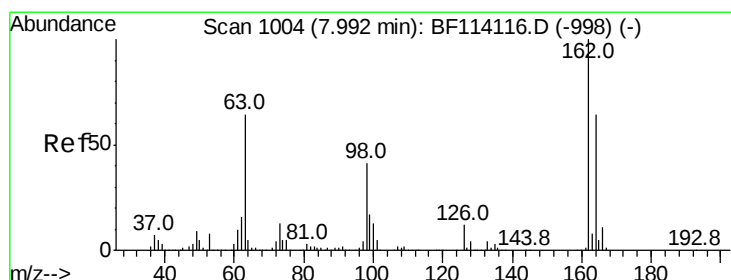
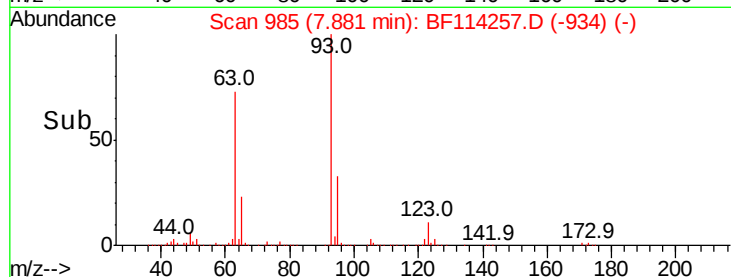
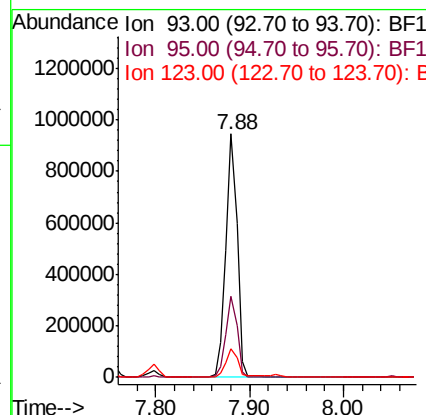
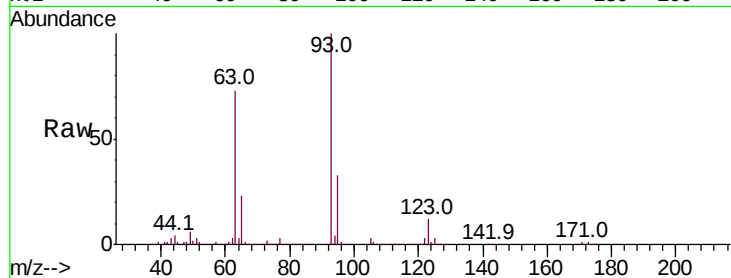
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	93	Resp:	806350
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.8	40.2
123	11.5	9.5	14.3

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#29

2,4-Dichlorophenol

Concen: 42.769 ng

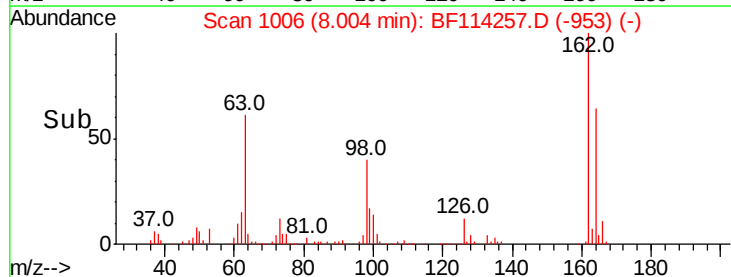
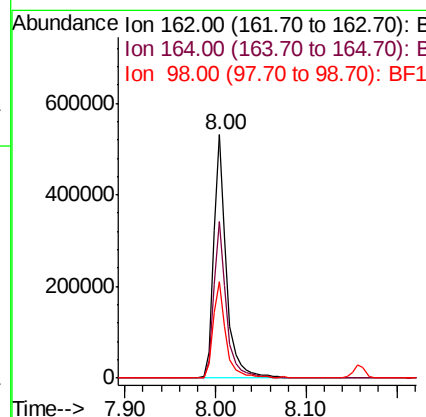
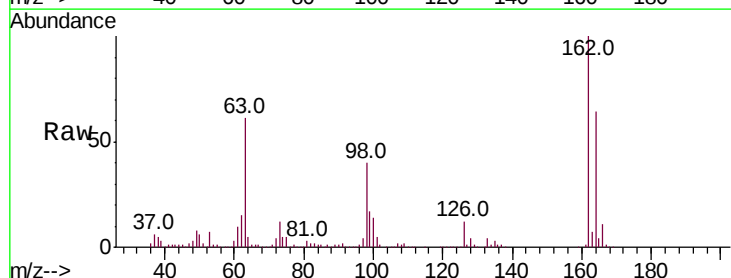
RT: 8.00 min Scan# 1006

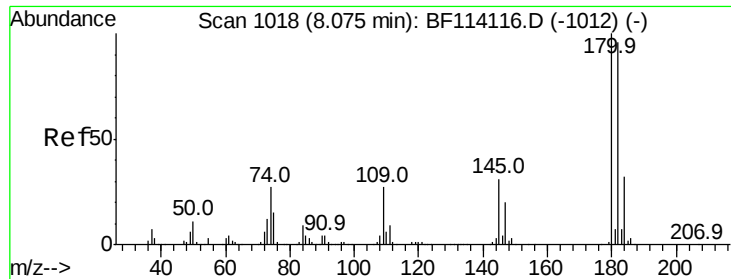
Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion:	162	Resp:	523134
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.6	83.6
98	39.7	20.6	60.6





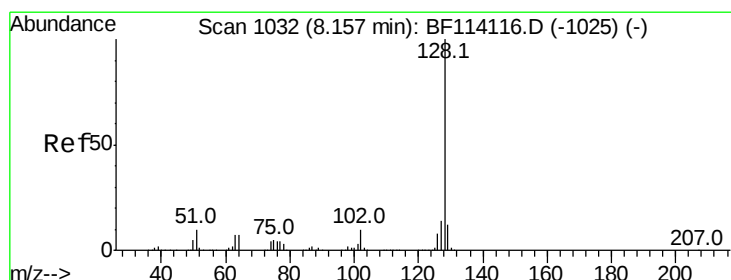
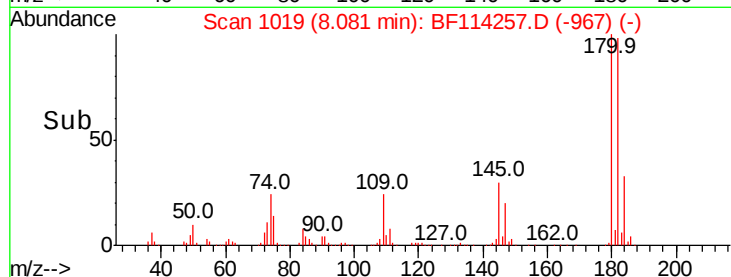
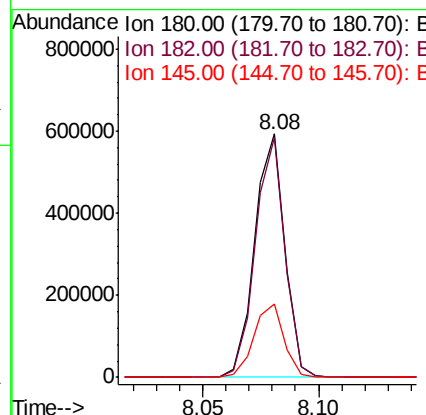
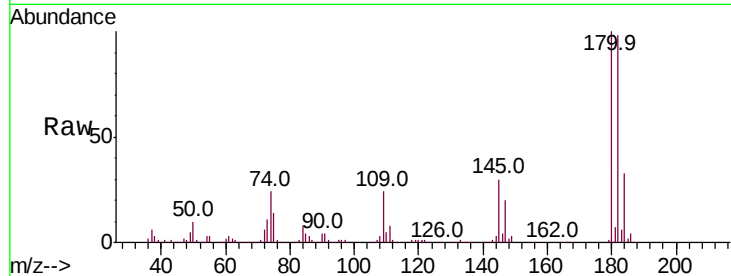
#30
 1,2,4-Trichlorobenzene
 Concen: 38.948 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	541731		
182	98.3	76.6	114.8	
145	30.1	25.1	37.7	

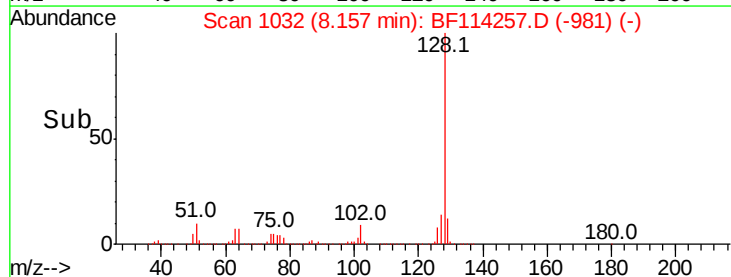
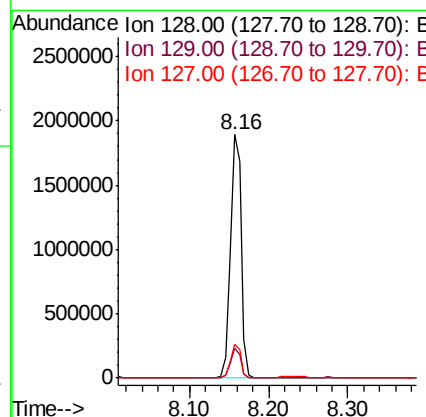
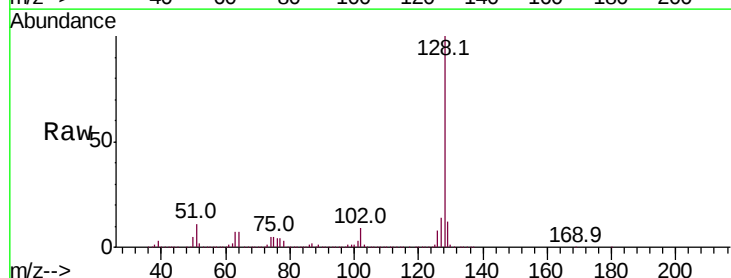
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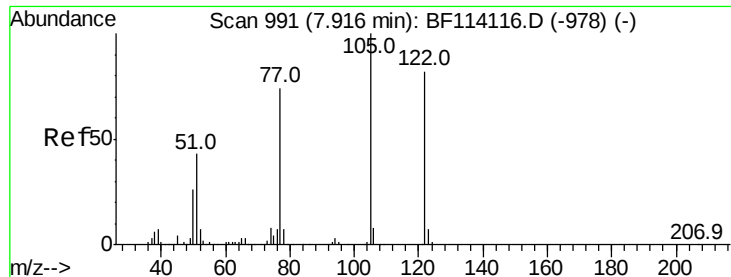
mohammad
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#31
 Naphthalene
 Concen: 42.326 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1756180		
129	12.1	9.6	14.4	
127	13.9	11.3	16.9	





#32

Benzoic acid

Concen: 35.843 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

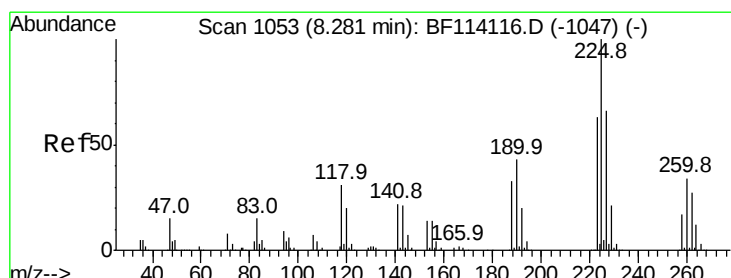
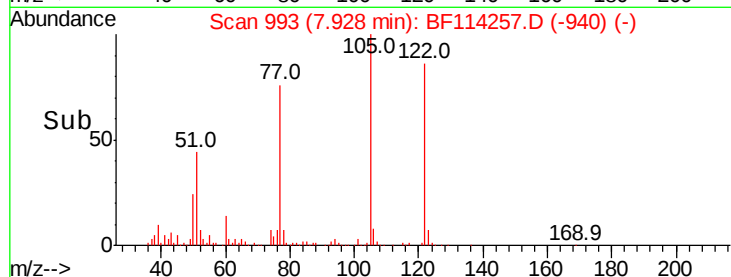
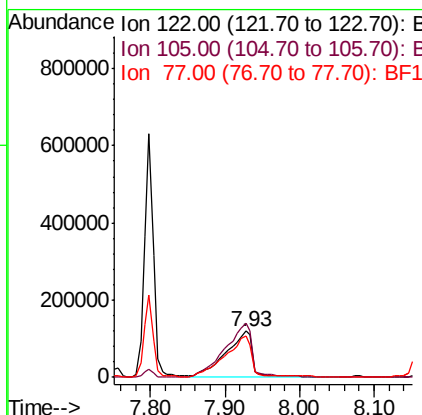
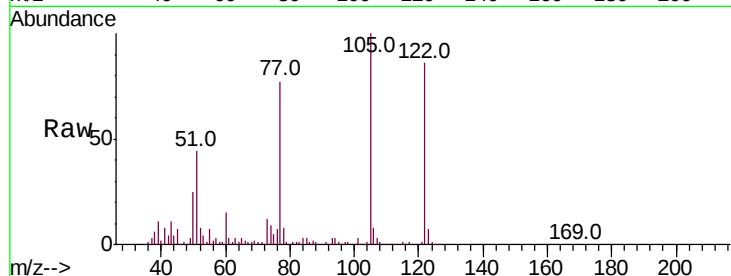
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.5	99.9	139.9	
77	90.0	69.4	109.4	

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#34

Hexachlorobutadiene

Concen: 37.968 ng

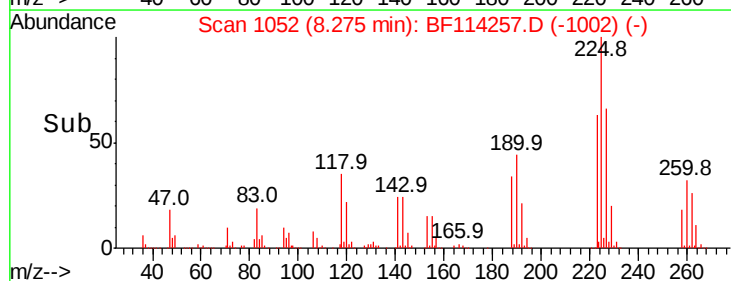
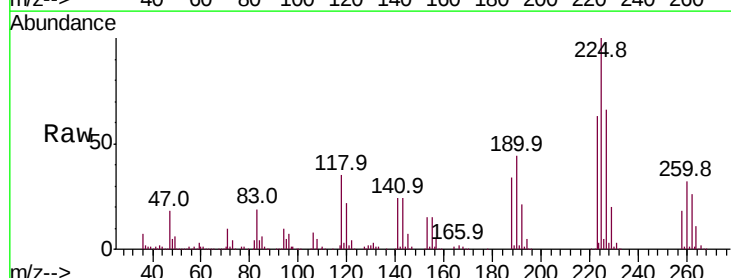
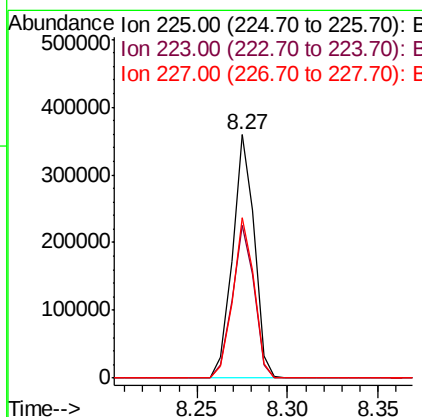
RT: 8.27 min Scan# 1052

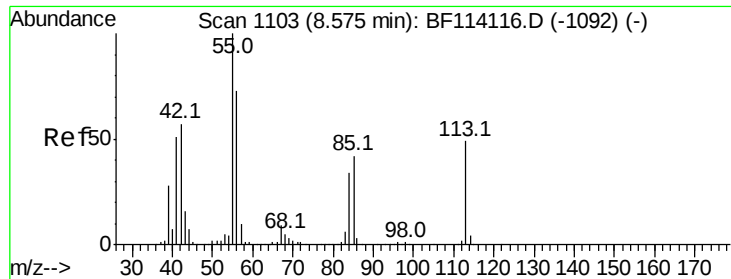
Delta R.T. -0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.2	75.2	
227	65.8	52.6	79.0	





#35

Caprolactam

Concen: 34.660 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. 0.02 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

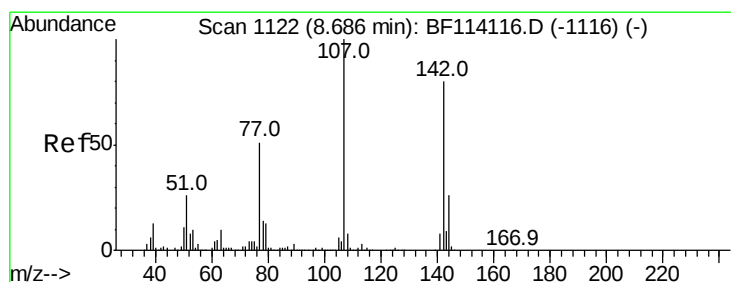
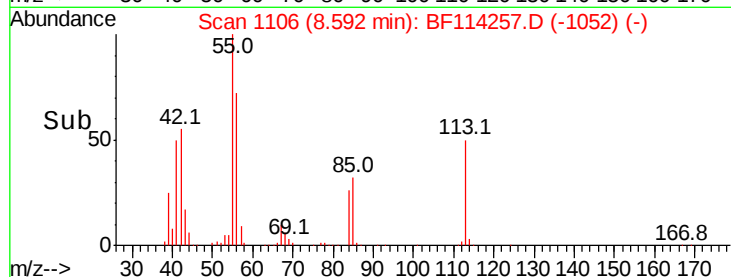
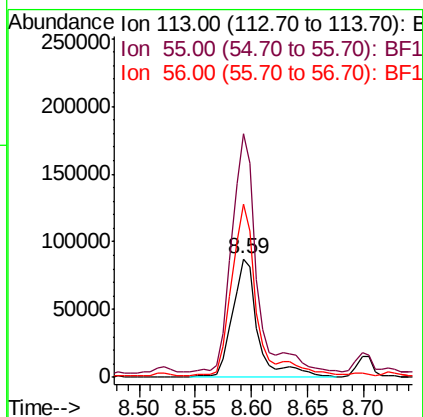
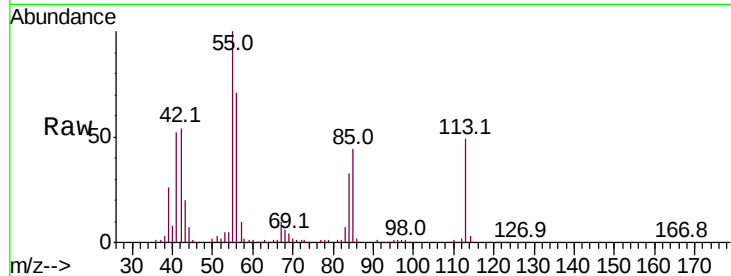
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	113	Resp:	138239
Ion Ratio	Lower	Upper	
113	100		
55	205.7	183.5	223.5
56	146.6	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 44.850 ng/ml

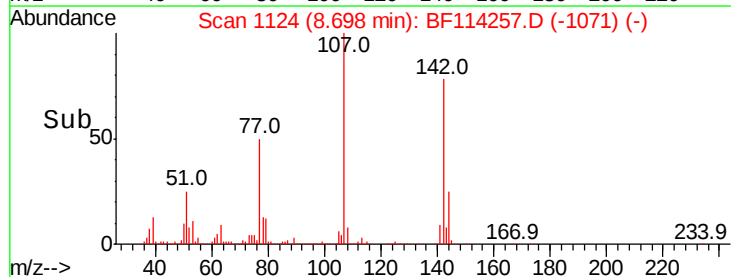
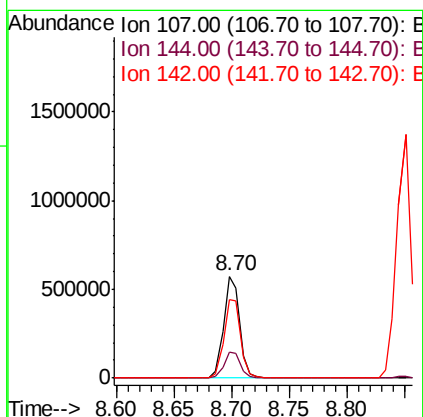
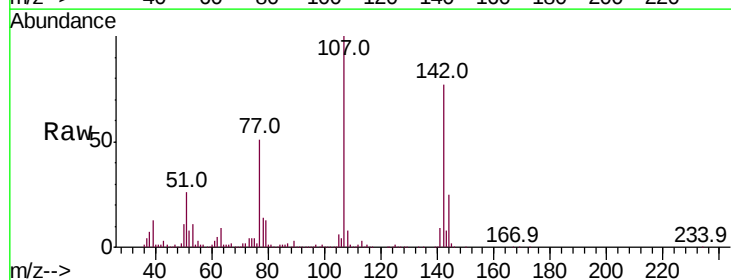
RT: 8.70 min Scan# 1124

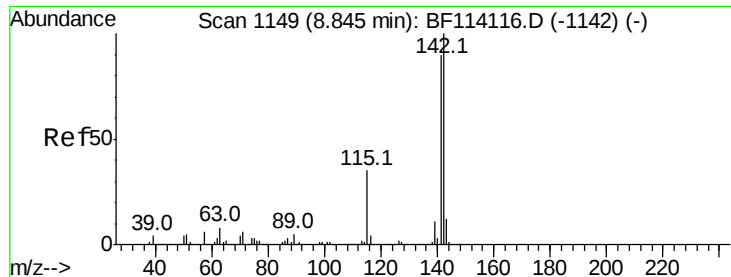
Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion:	107	Resp:	552202
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.4	30.6
142	77.5	64.2	96.4





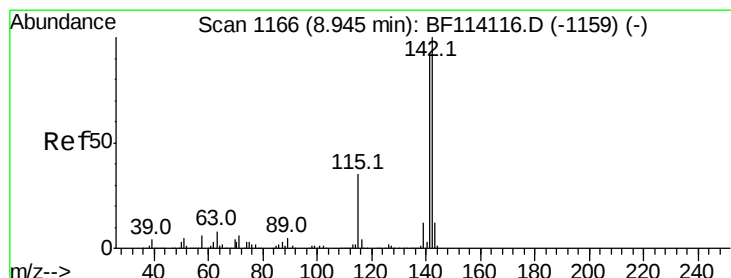
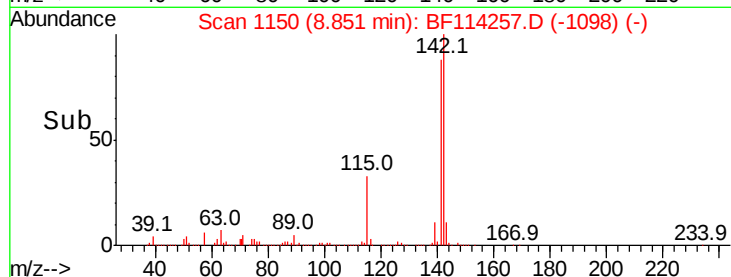
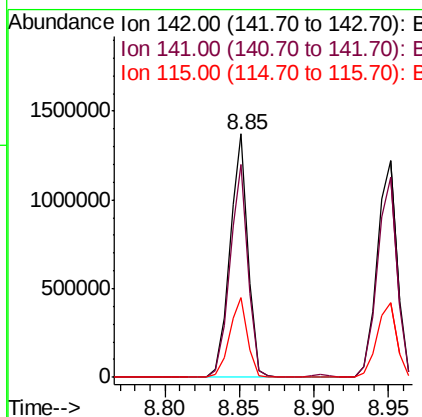
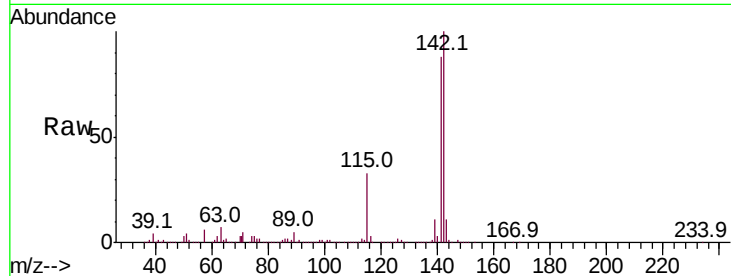
#37
2-Methylnaphthalene
Concen: 43.777 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.1	108.1
115	32.8	28.0	42.0

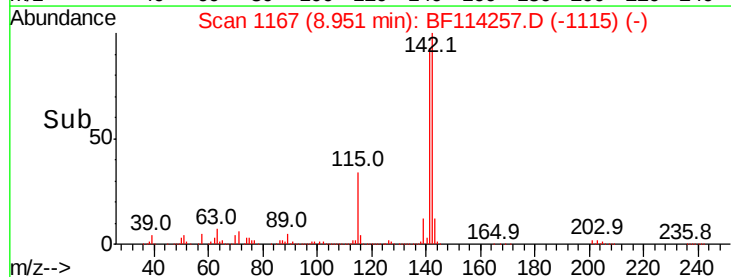
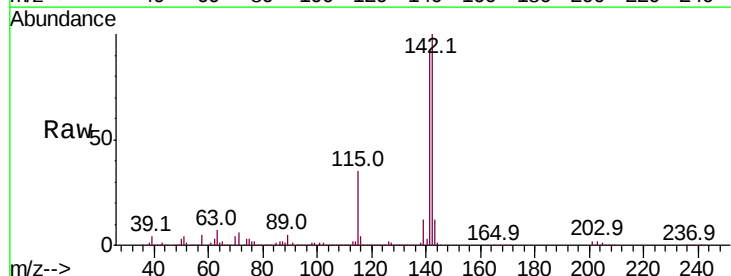
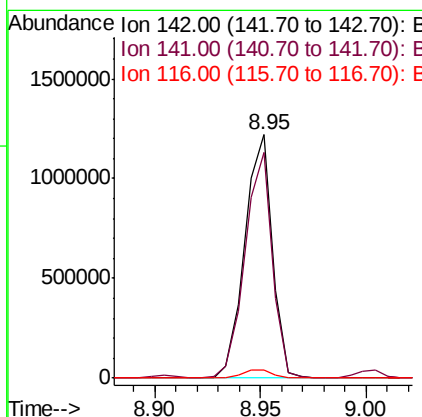
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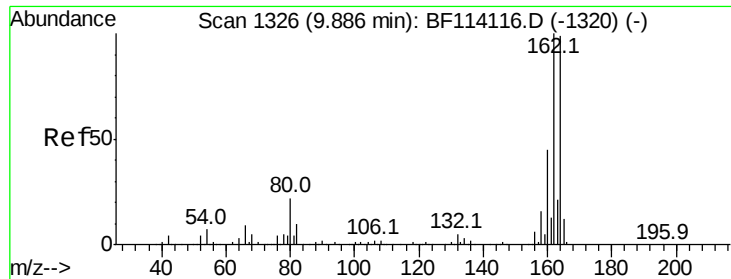
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#38
1-Methylnaphthalene
Concen: 43.854 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.4	110.0
116	3.5	3.1	4.7





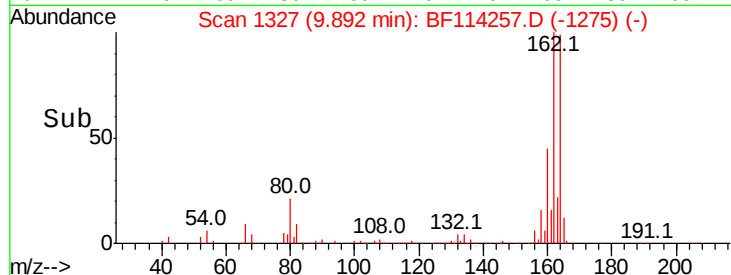
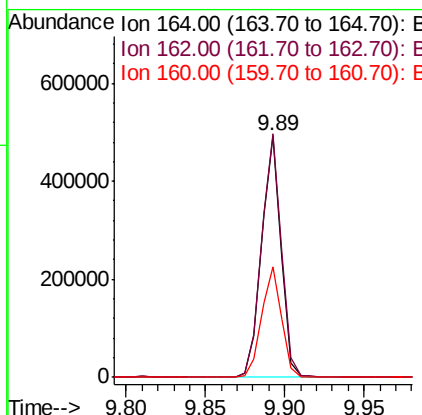
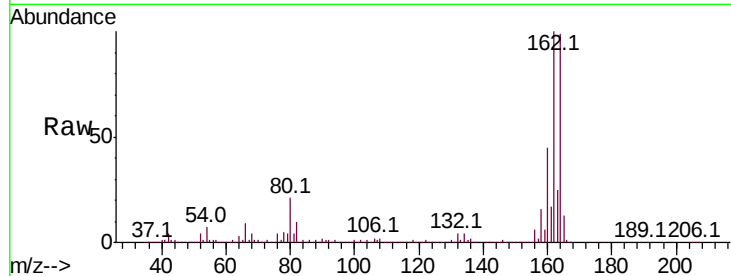
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	80.6	120.8	
160	45.8	36.5	54.7	

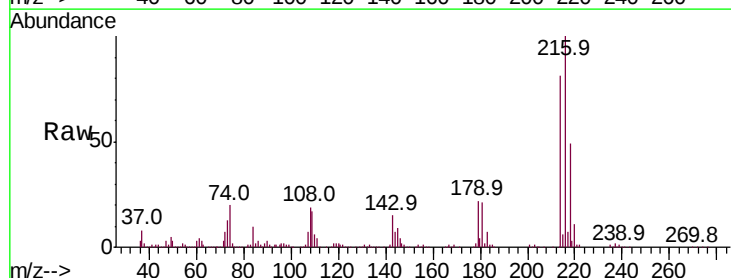
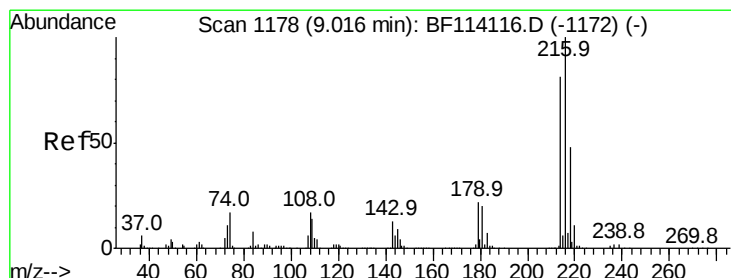
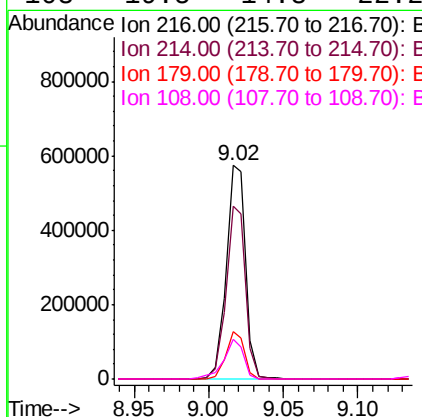
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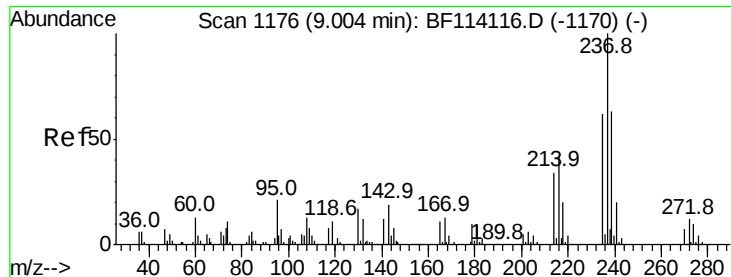
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.472 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.5	63.9	95.9	
179	21.3	17.0	25.6	
108	19.5	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 45.317 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

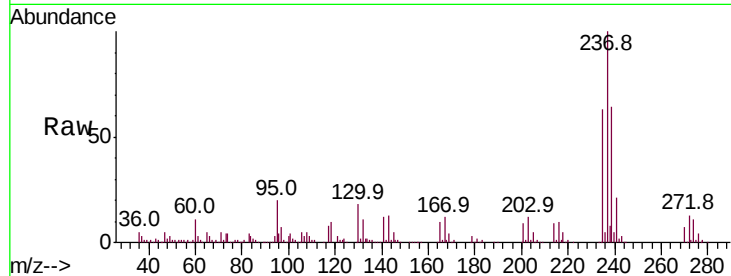
ClientSampleId :

P026-SS008-0206-01MS

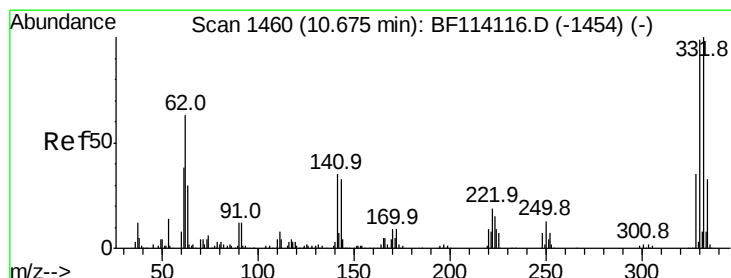
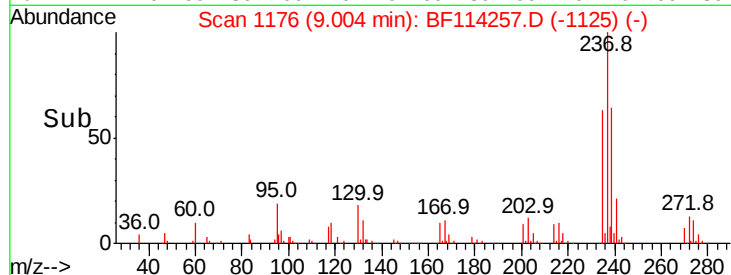
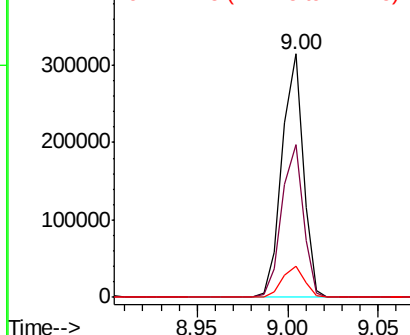
Tot Ion:	237	Resp:	258028
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.0	82.0
272	13.0	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 103.769 ng

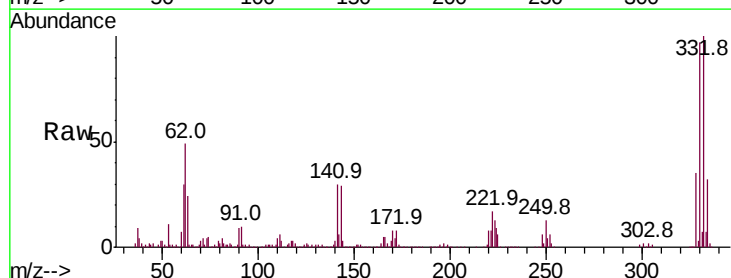
RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

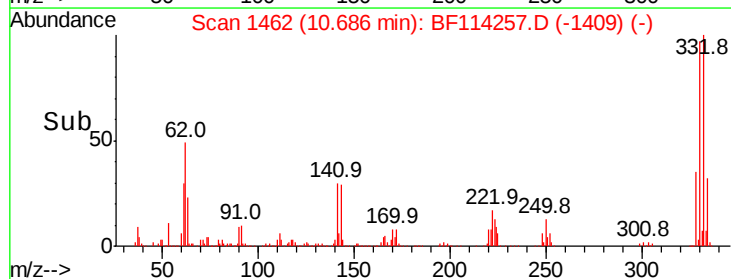
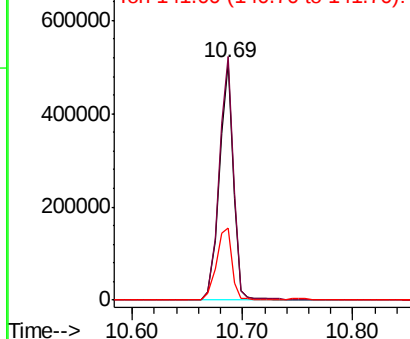
Lab File: BF114257.D

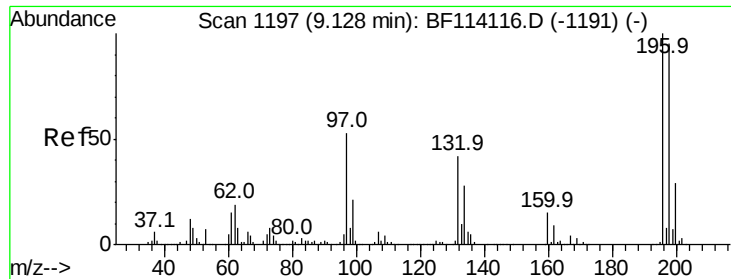
Acq: 14 May 2019 17:06

Tgt Ion:	330	Resp:	452627
Ion Ratio	Lower	Upper	
330	100		
332	104.0	81.4	122.2
141	33.1	26.6	40.0



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





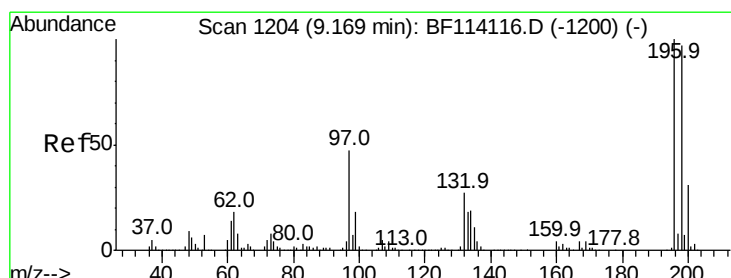
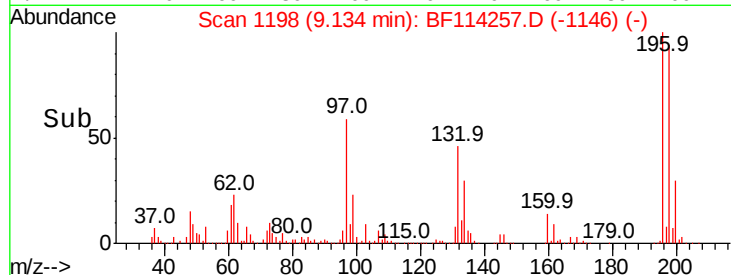
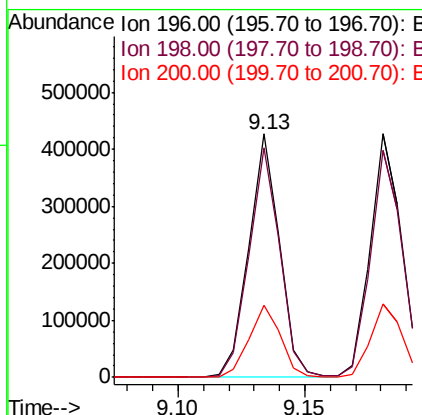
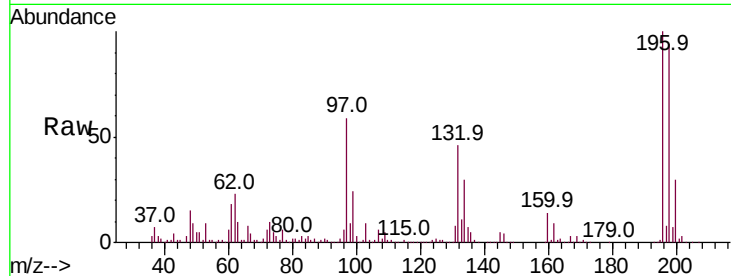
#43
 2,4,6-Trichlorophenol
 Concen: 41.097 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	361282		
198	94.4	75.9	113.9	
200	29.7	23.5	35.3	

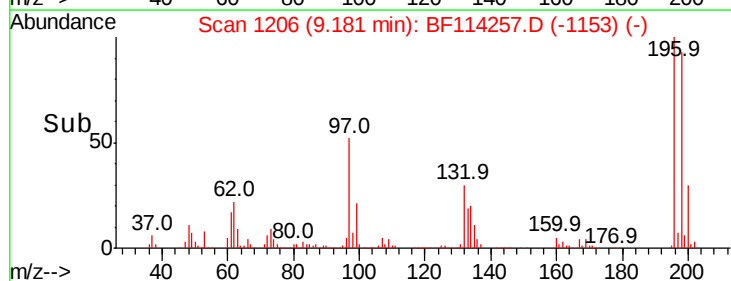
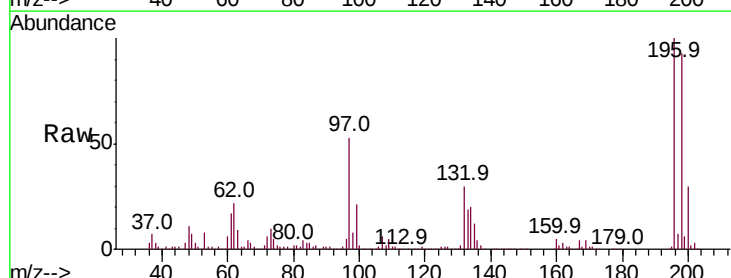
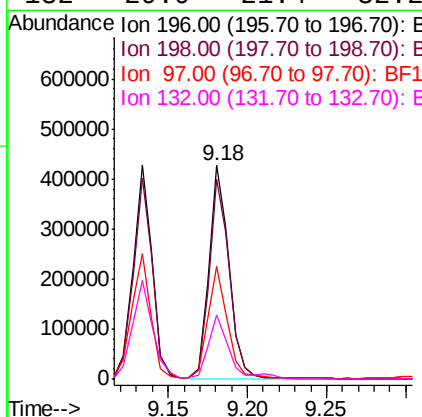
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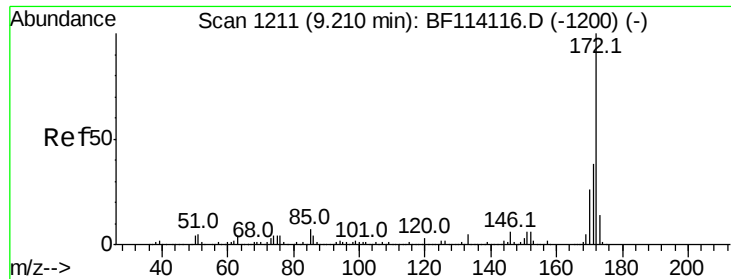
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.692 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	375873		
198	93.3	77.7	116.5	
97	52.6	38.2	57.2	
132	29.9	21.4	32.2	





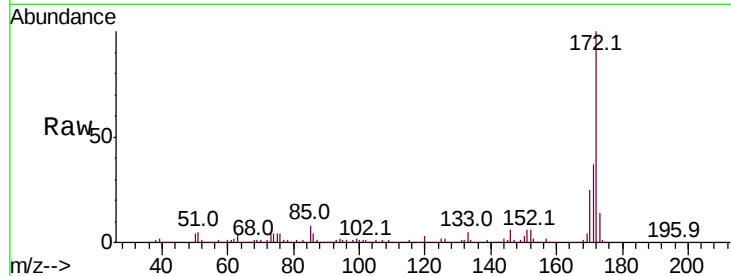
#45
2-Fluorobiphenyl
Concen: 74.287 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.7	20.5	30.7

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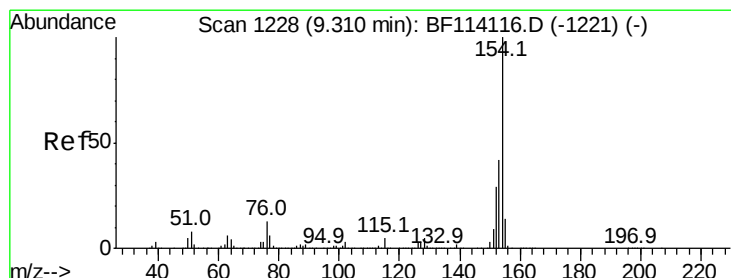
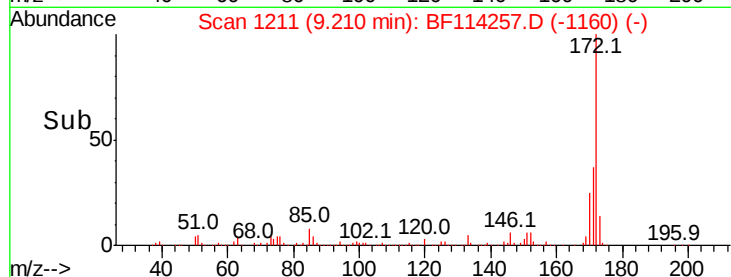
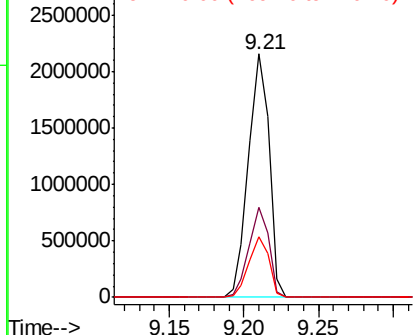


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.938 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

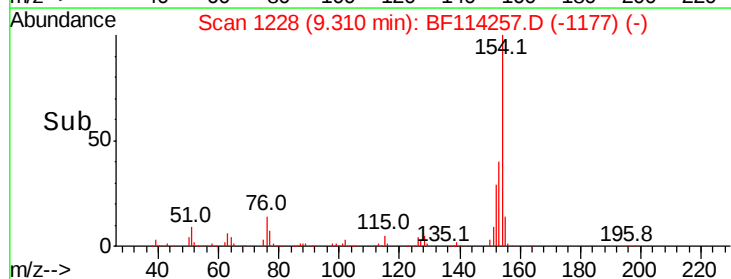
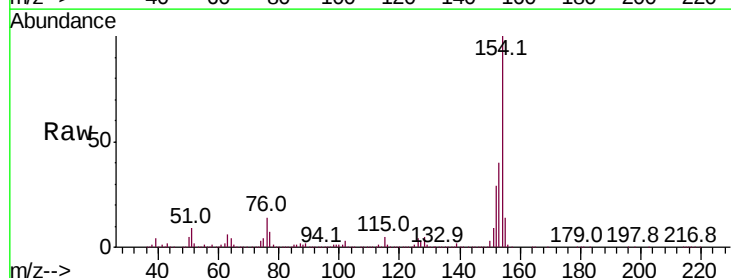
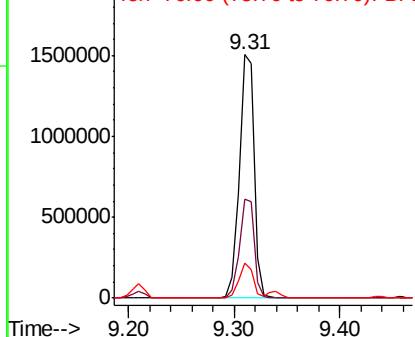
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.9	61.9
76	14.2	0.0	32.8

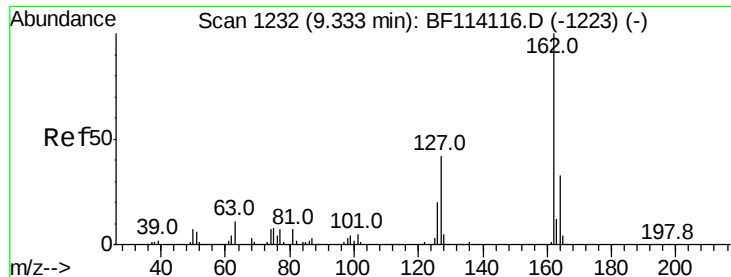
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





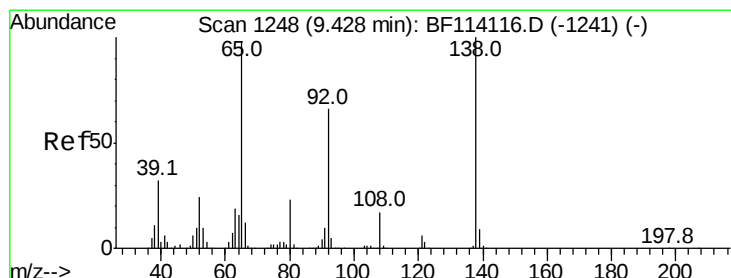
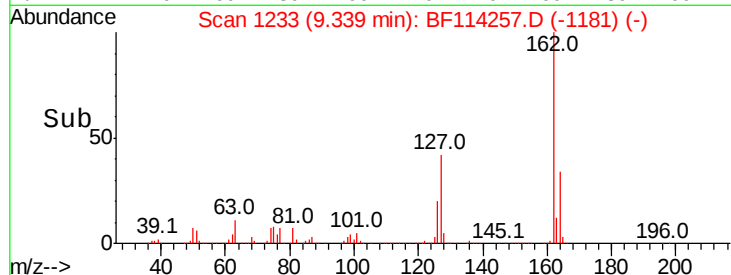
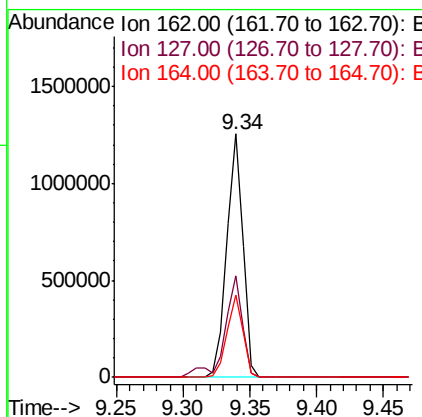
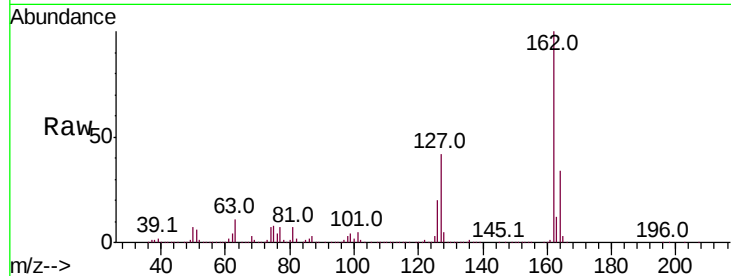
#47
 2-Chloronaphthalene
 Concen: 39.498 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	34.0	26.7	40.1

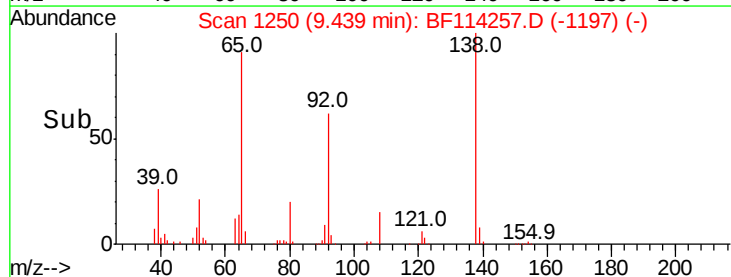
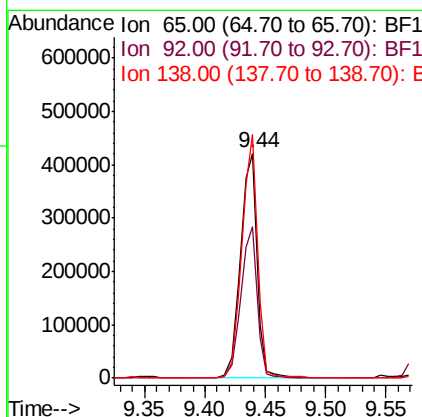
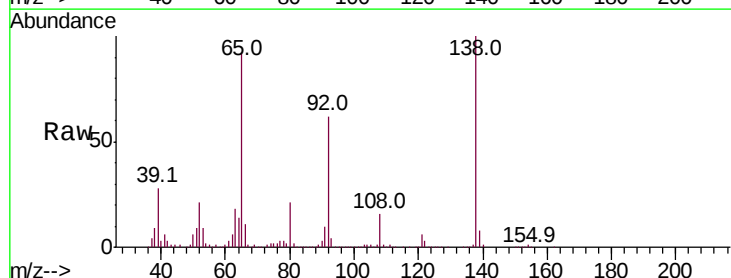
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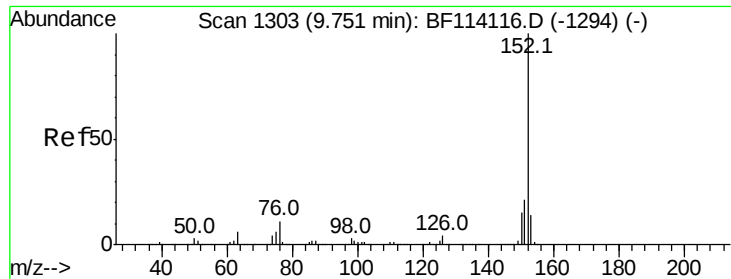
mohammad
 5/16/2019 9:10:02 AM



#48
 2-Nitroaniline
 Concen: 41.526 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.9	80.9
138	108.3	81.4	122.0





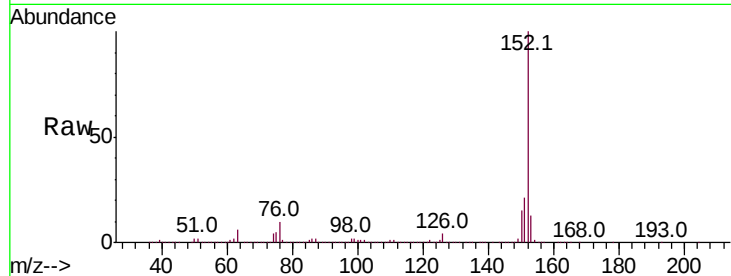
#49
Acenaphthylene
Concen: 40.962 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.4	11.4	17.2

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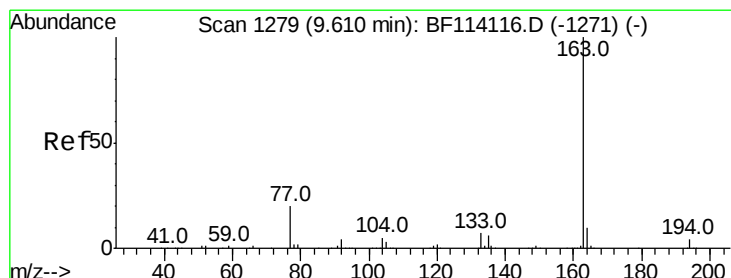
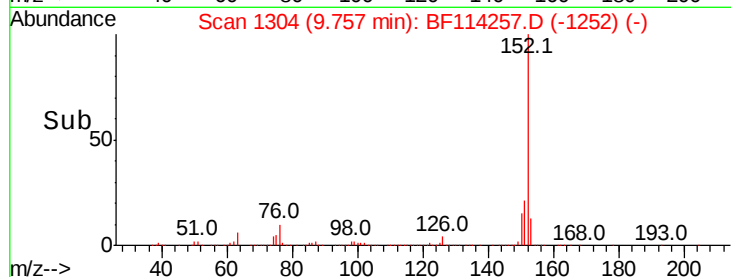
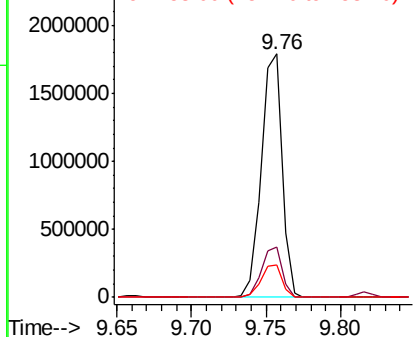


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 53.611 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

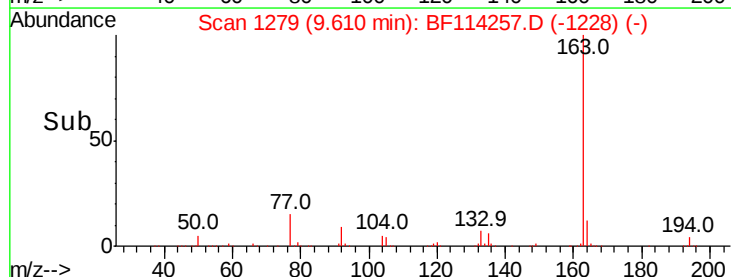
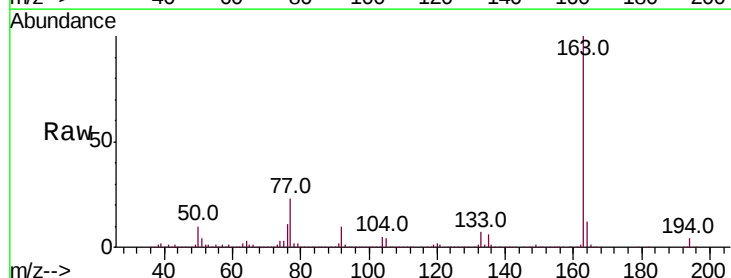
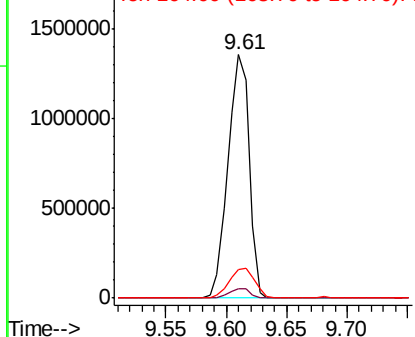
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	11.5	8.2	12.2

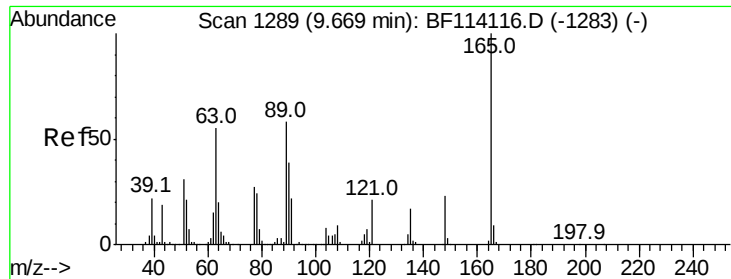
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





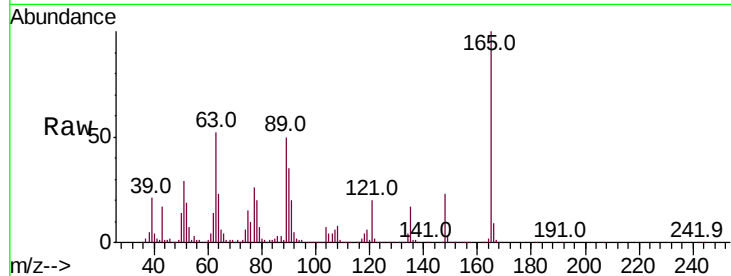
#51
2,6-Dinitrotoluene
Concen: 42.619 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

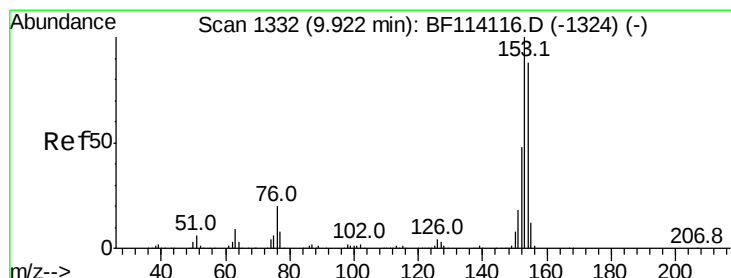
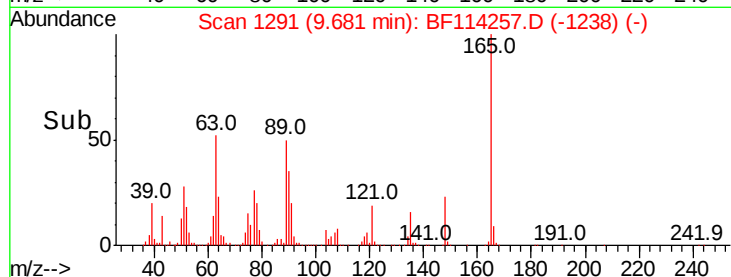
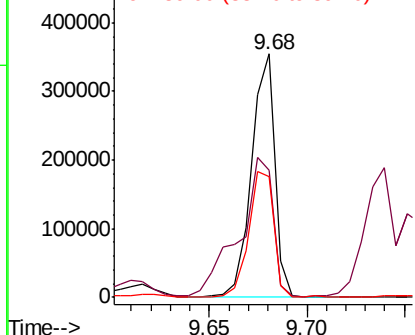
Tot Ion	Ratio	Resp	Lower	Upper
165	100	292777		
63	52.5	50.2	75.4	
89	49.8	46.6	69.8	

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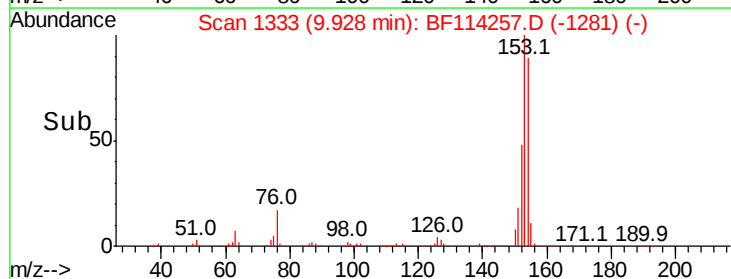
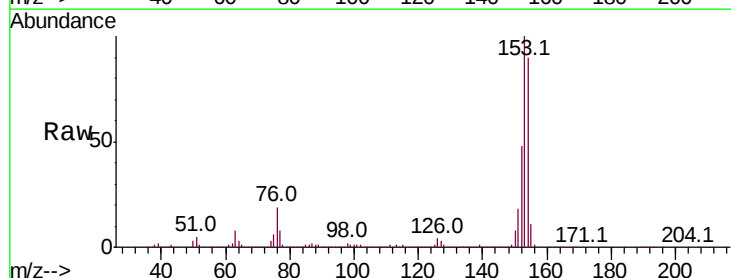
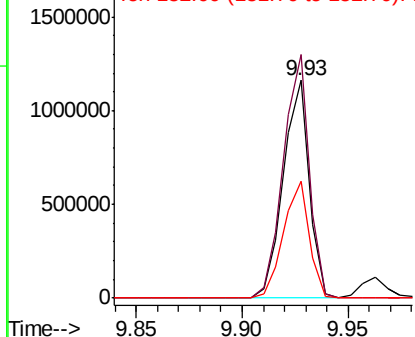
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

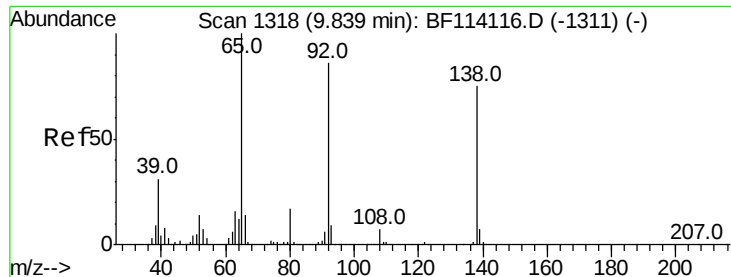


#52
Acenaphthene
Concen: 38.957 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	997366		
153	111.7	90.5	135.7	
152	53.8	43.4	65.2	

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





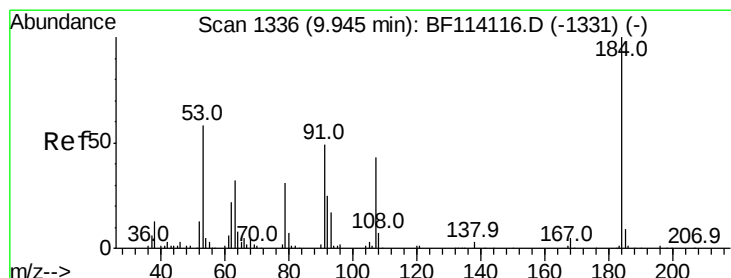
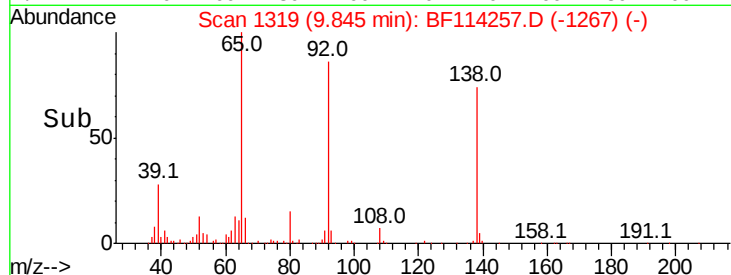
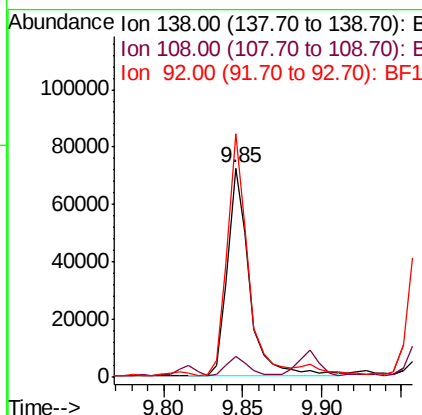
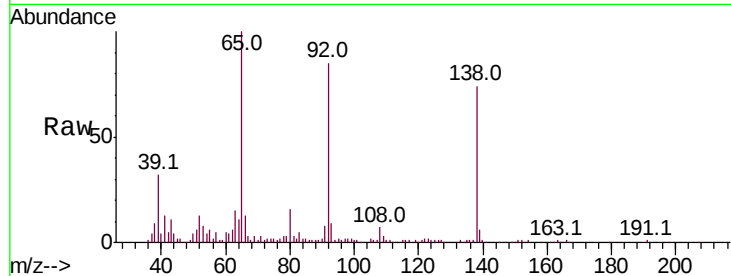
#53
3-Nitroaniline
Concen: 8.096 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion:138 Resp: 69040
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 116.1 91.2 136.8

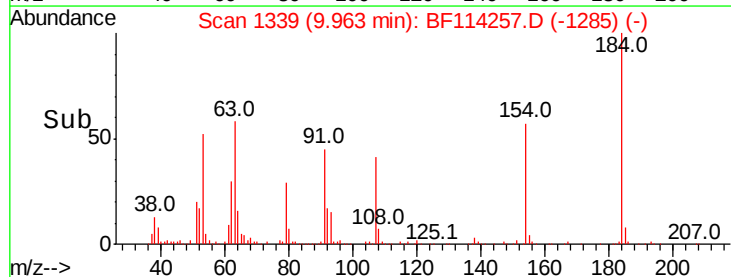
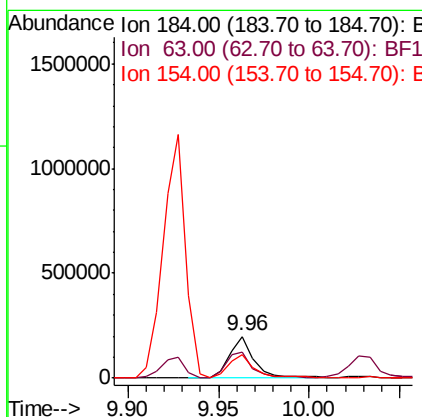
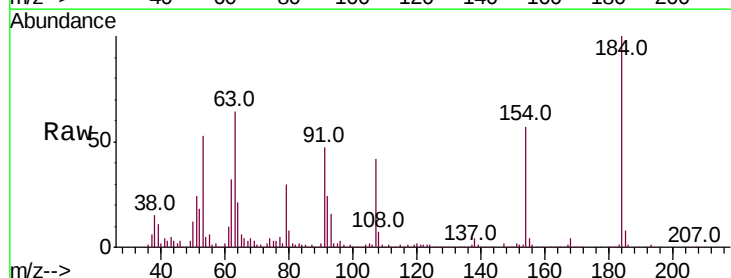
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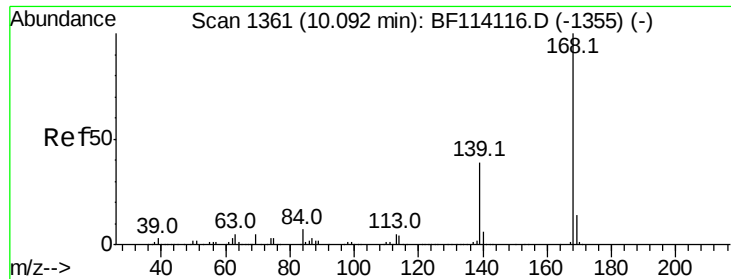
mohammad
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#54
2,4-Dinitrophenol
Concen: 57.180 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion:184 Resp: 190257
Ion Ratio Lower Upper
184 100
63 63.7 55.6 83.4
154 57.4 46.0 69.0





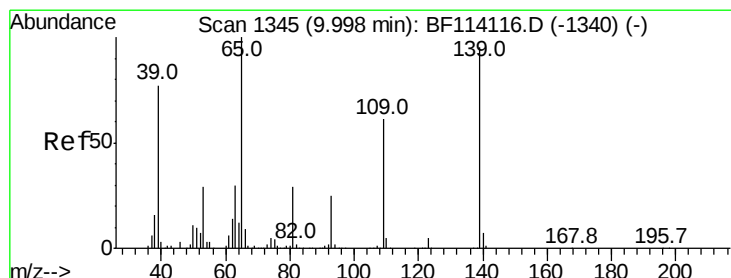
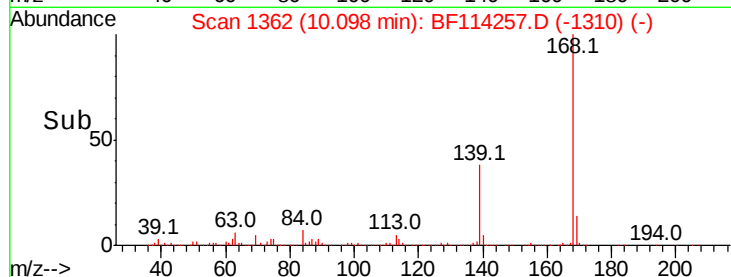
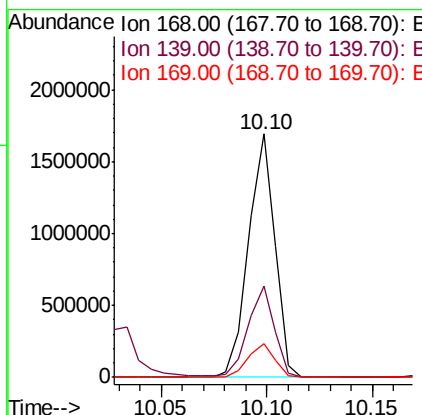
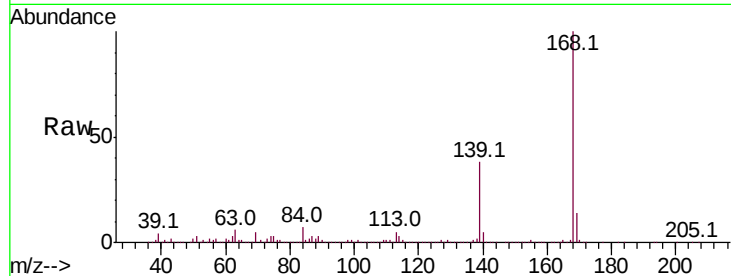
#55
Dibenzenofuran
Concen: 39.311 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.1	46.7
169	14.0	11.4	17.0

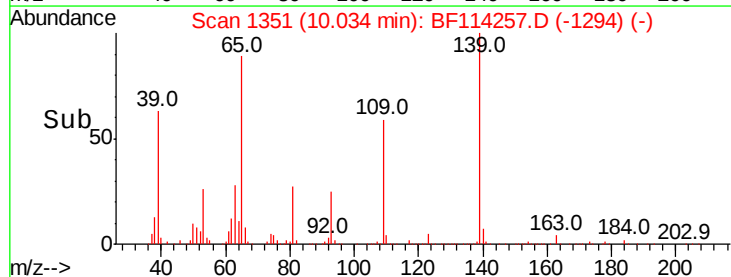
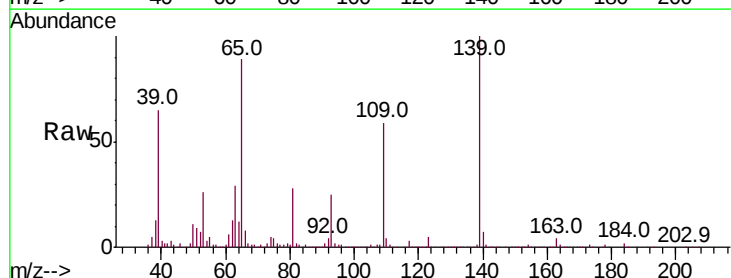
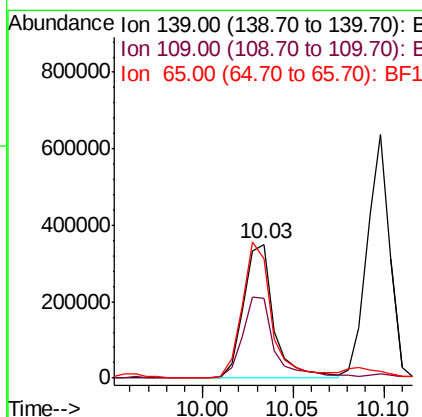
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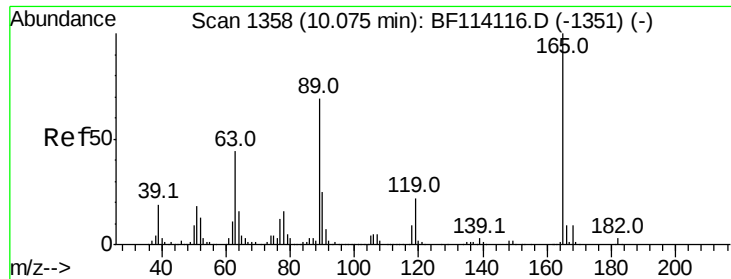
mohammad
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#56
4-Nitrophenol
Concen: 67.350 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.4	43.9	83.9
65	89.4	85.7	125.7





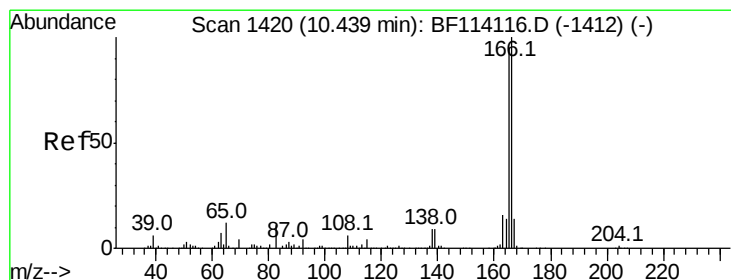
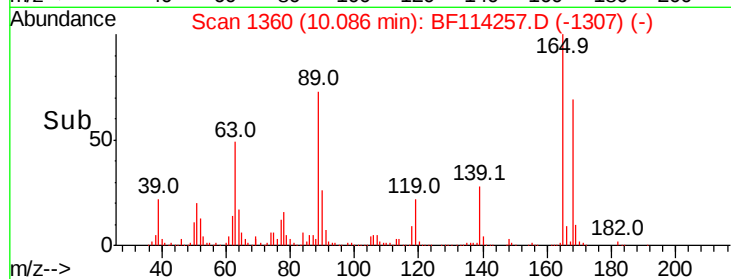
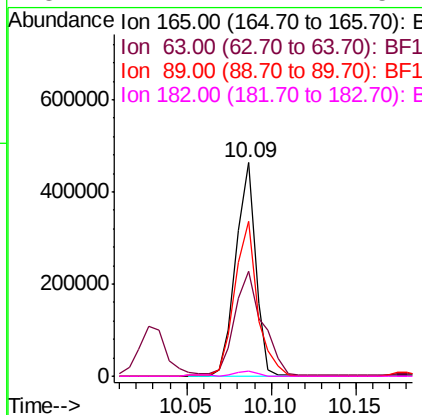
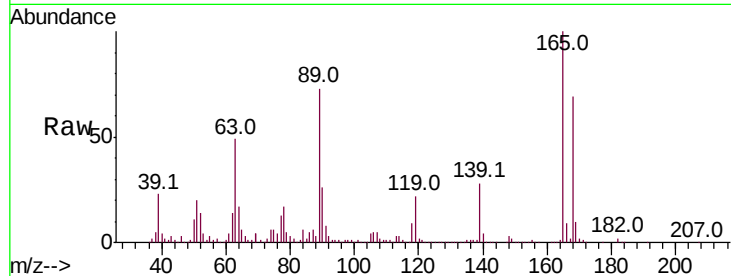
#57
 2,4-Dinitrotoluene
 Concen: 40.624 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	378785		
63	49.3	35.5	53.3	
89	72.7	55.2	82.8	
182	2.4	2.2	3.2	

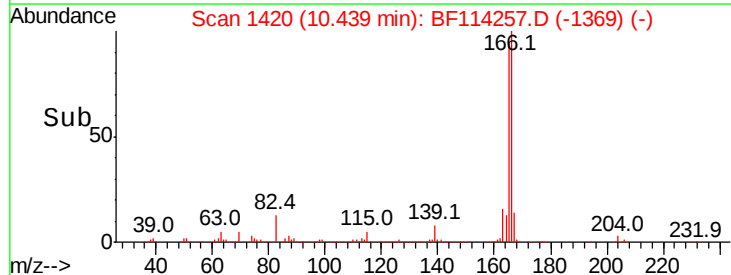
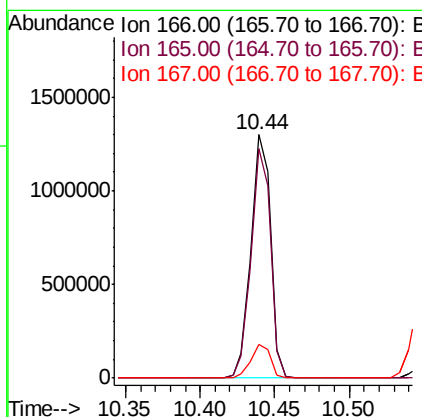
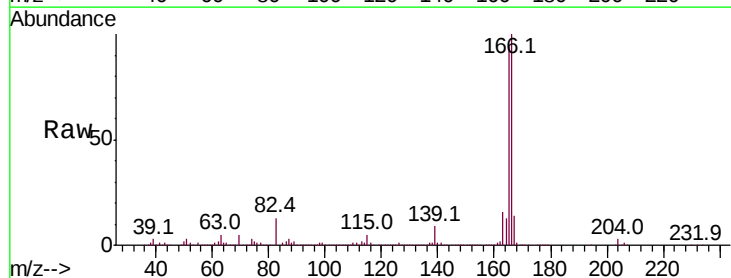
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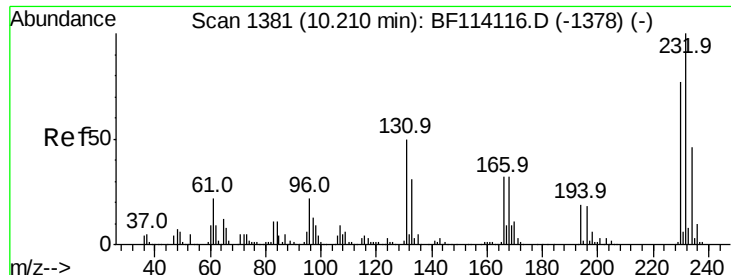
mohammad
 5/16/2019 9:10:02 AM



#58
 Fluorene
 Concen: 40.496 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1174269		
165	94.1	76.1	114.1	
167	13.9	11.1	16.7	





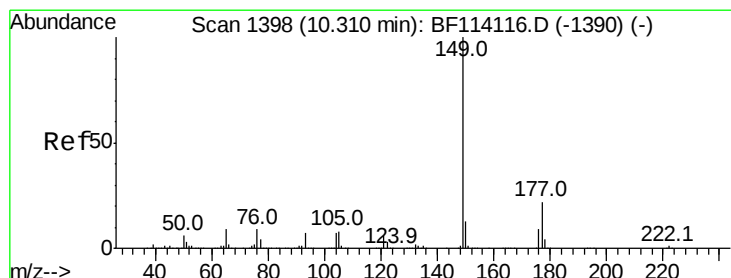
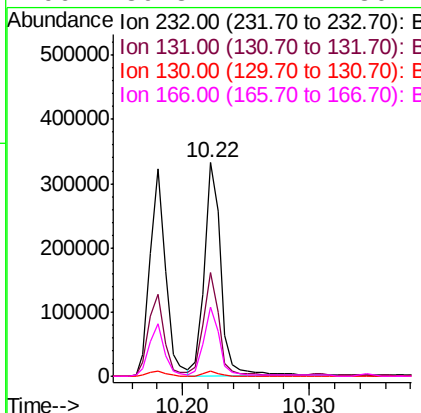
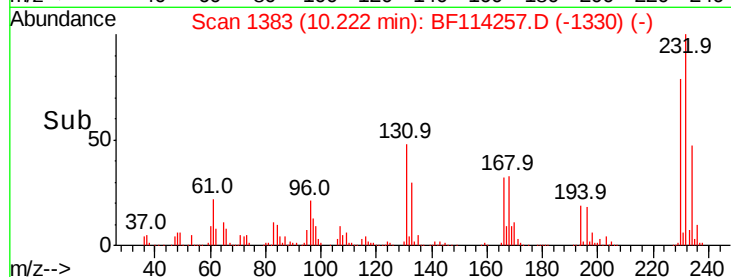
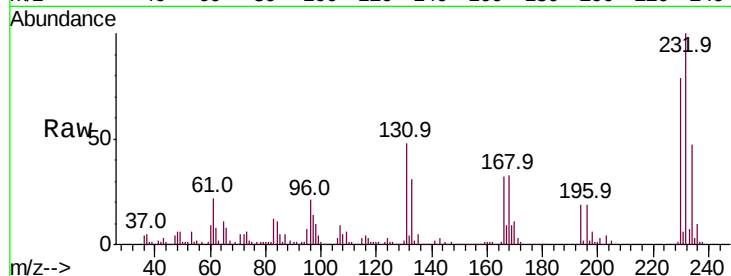
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.627 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.6	53.4
130	2.1	1.6	2.4
166	30.3	24.1	36.1

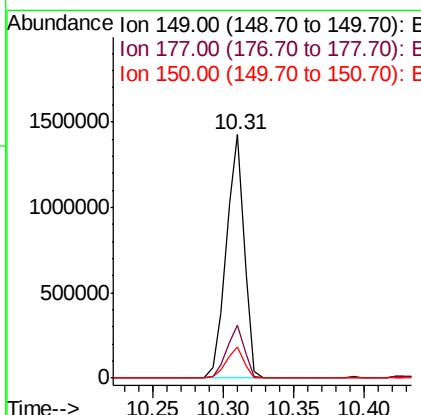
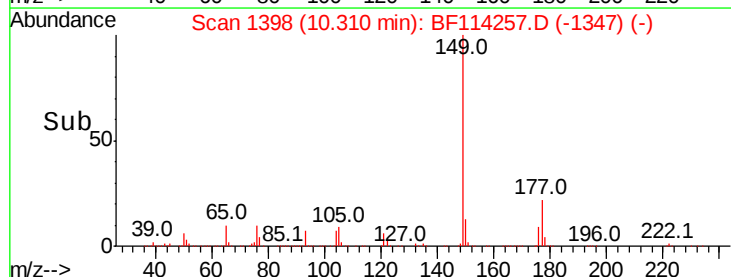
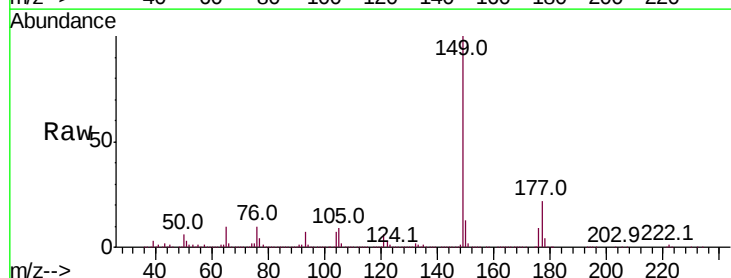
Manual Integrations
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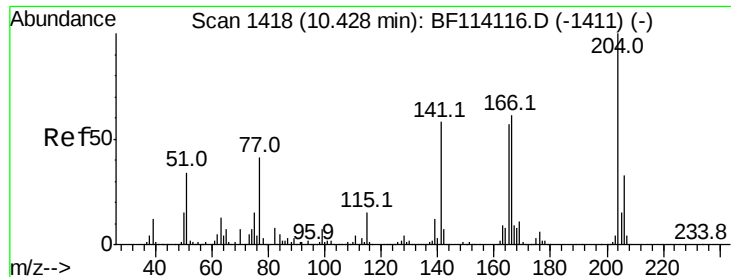
mohammad
 5/16/2019 9:10:02 AM



#60
 Diethylphthalate
 Concen: 39.825 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.9	10.2	15.2





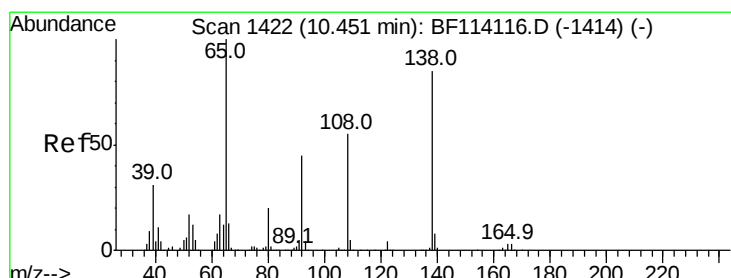
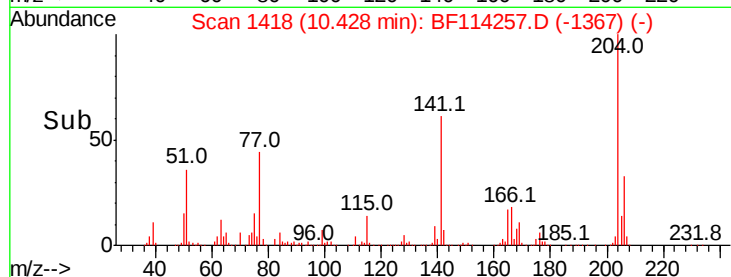
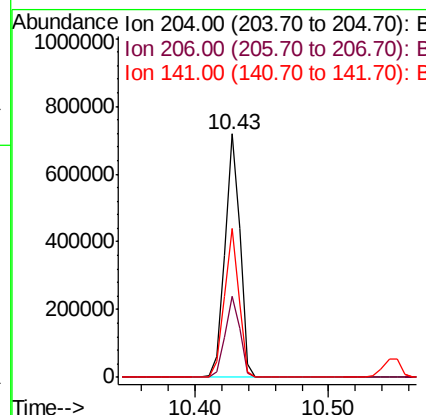
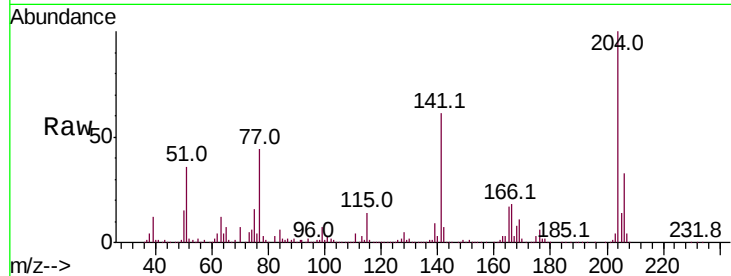
#61
4-Chlorophenyl-phenylether
Concen: 40.270 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	61.0	46.4	69.6

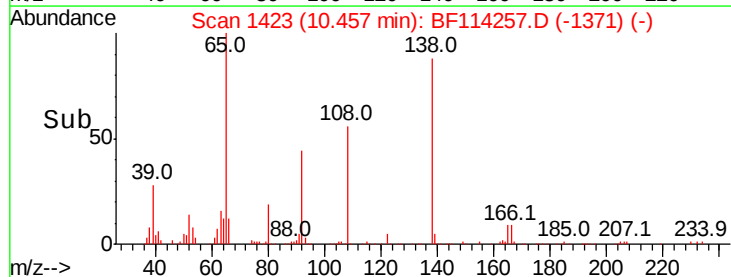
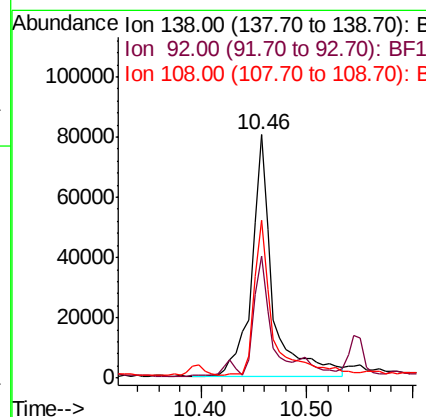
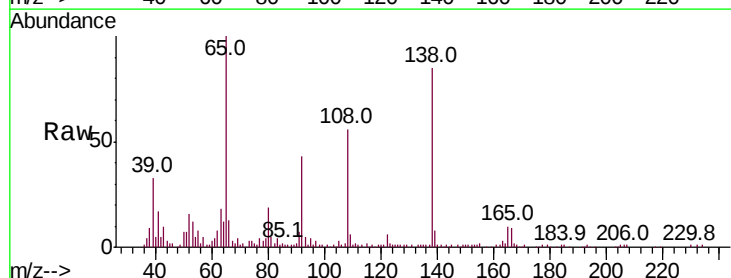
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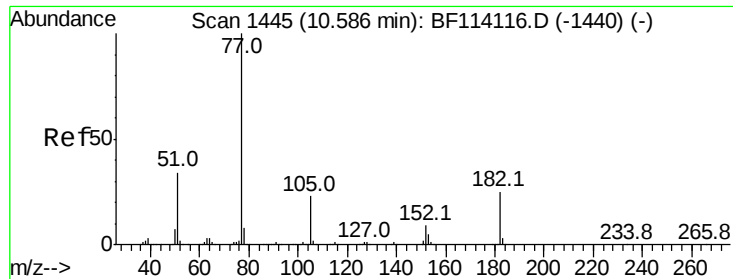
mohammad
5/16/2019 9:10:02 AM



#62
4-Nitroaniline
Concen: 12.378 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	33.0	73.0
108	65.0	44.9	84.9





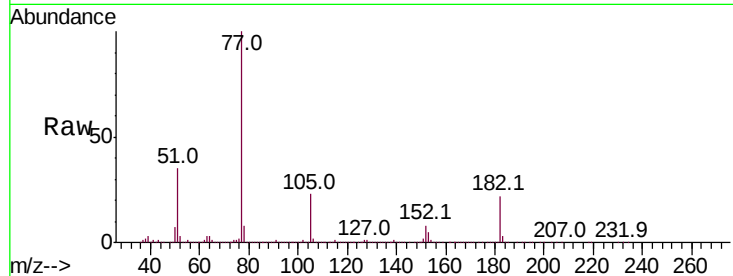
#63
Azobenzene
Concen: 40.317 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.4	4.7	44.7	
105	23.1	2.9	42.9	
51	34.8	14.6	54.6	

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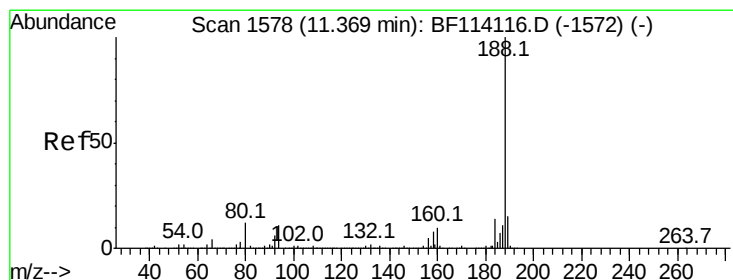
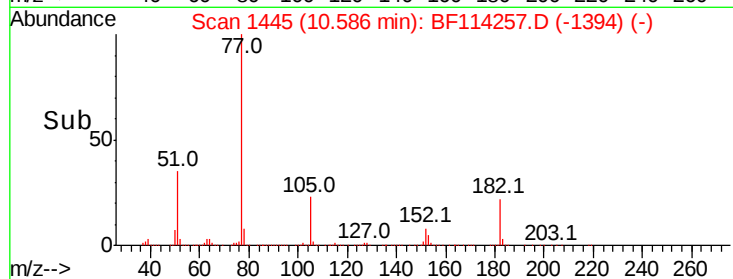
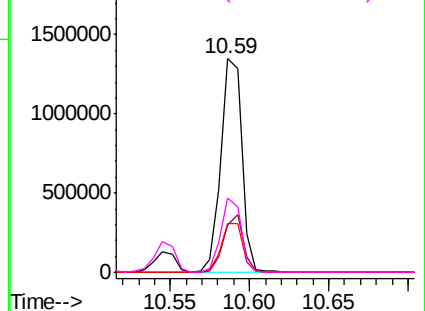
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

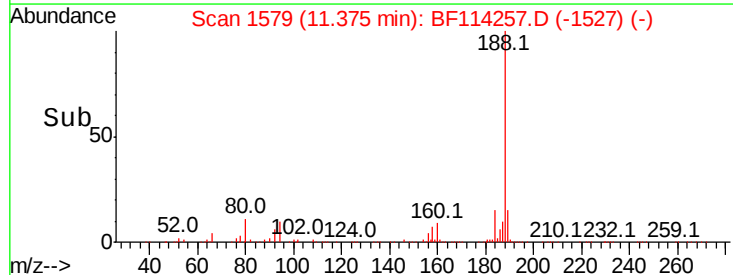
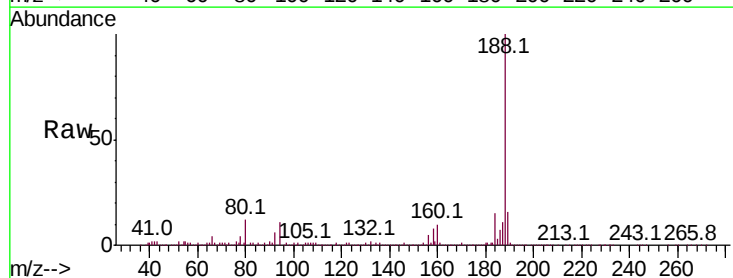
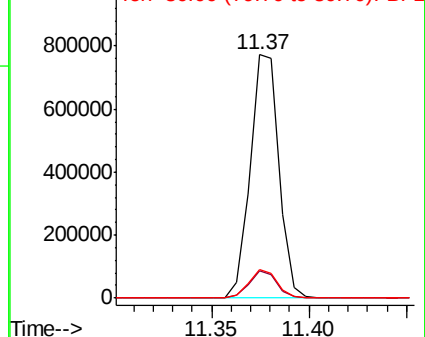
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.1	8.4	12.6	
80	11.8	9.2	13.8	

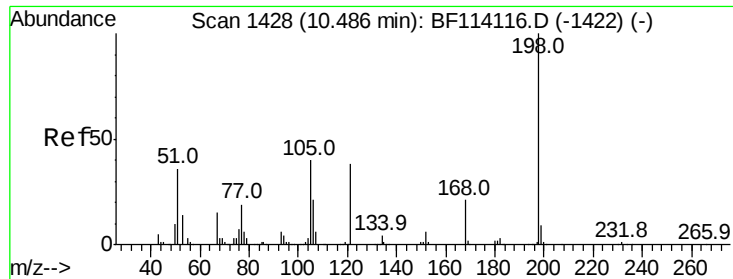
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





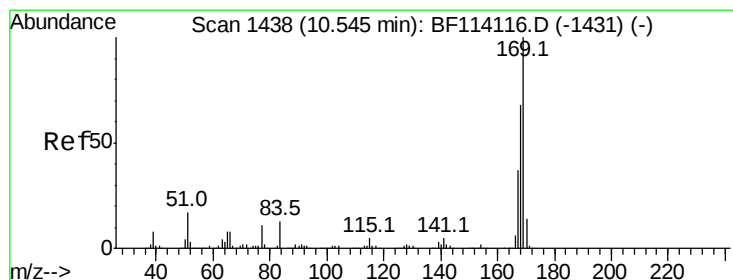
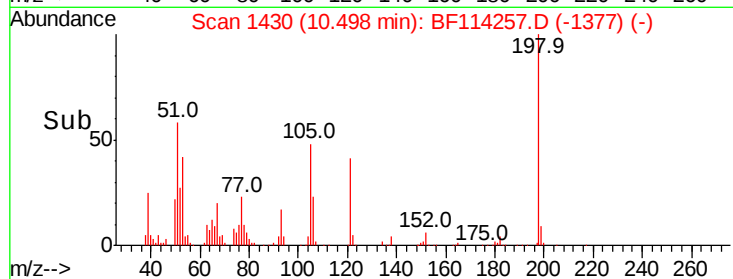
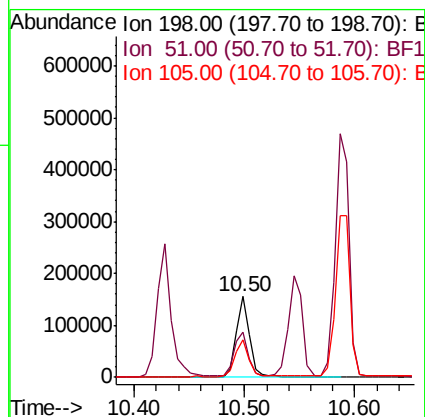
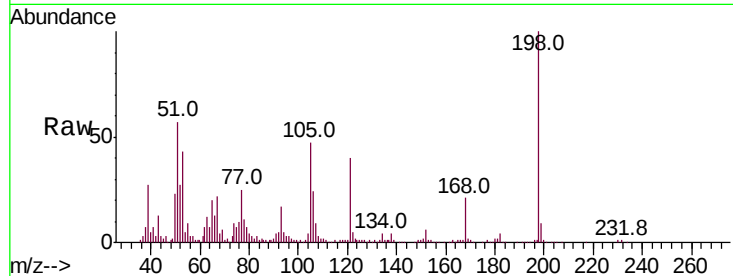
#65
4,6-Dinitro-2-methylphenol
Concen: 35.918 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	135622		
51	56.5	28.0	68.0	
105	47.1	21.1	61.1	

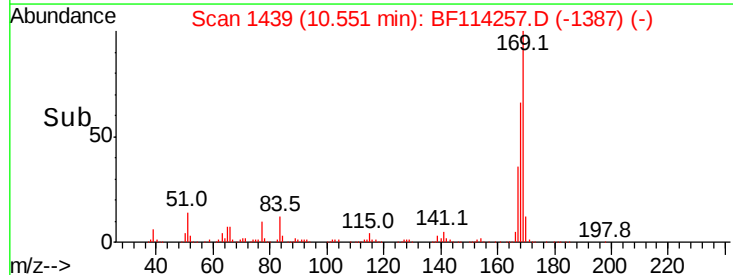
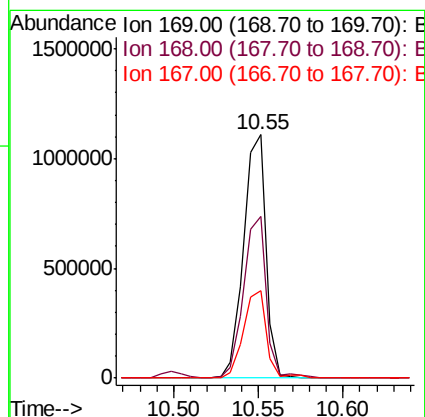
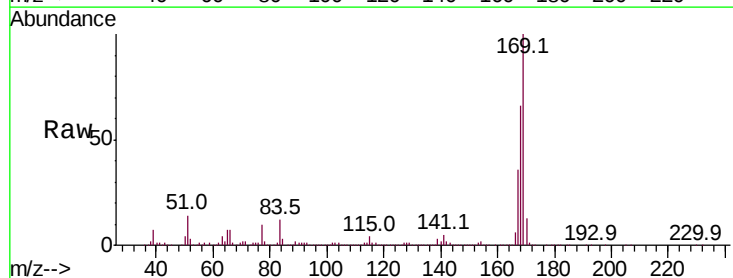
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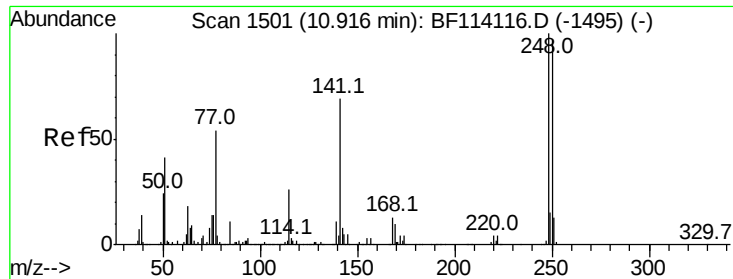
mohammad
5/16/2019 9:10:02 AM



#66
n-Nitrosodiphenylamine
Concen: 42.841 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1021717		
168	66.5	54.2	81.2	
167	36.1	29.8	44.8	





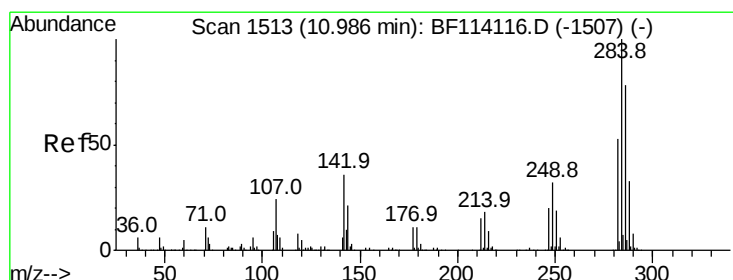
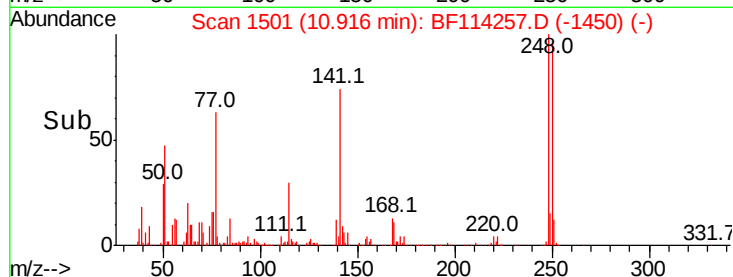
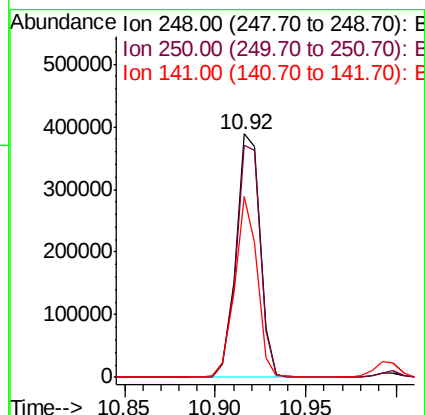
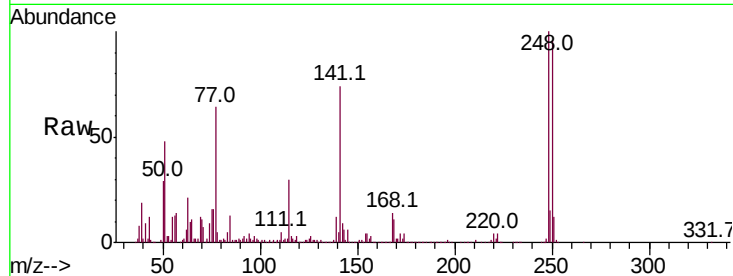
#67
4-Bromophenyl-phenylether
Concen: 41.509 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	74.5	55.6	83.4

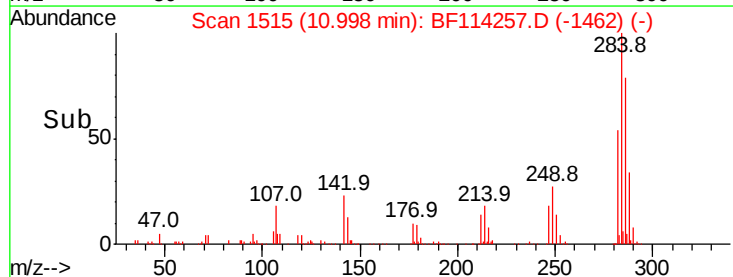
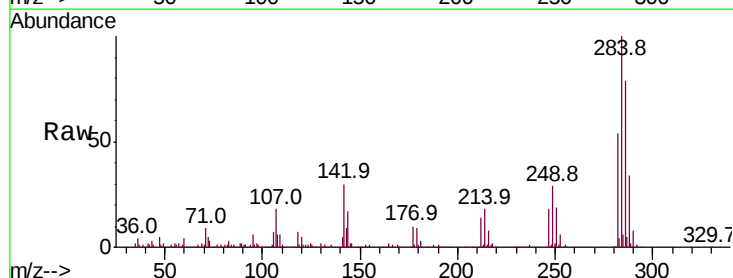
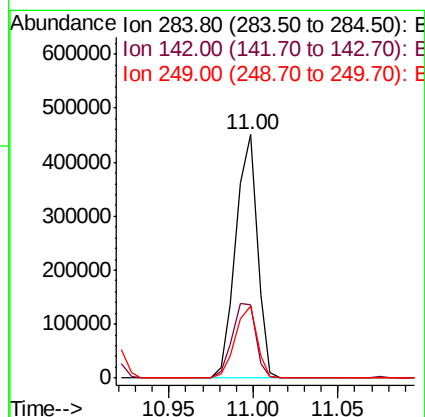
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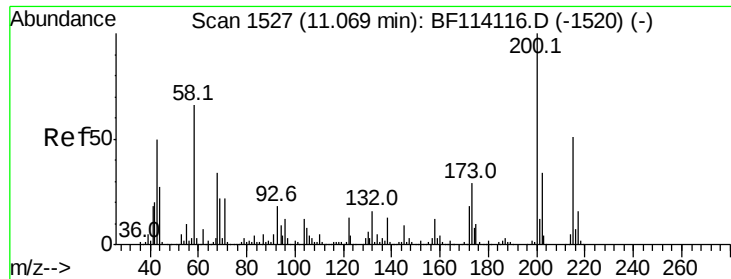
mohammad
5/16/2019 9:10:02 AM



#68
Hexachlorobenzene
Concen: 42.005 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	28.4	42.6
249	29.5	25.2	37.8





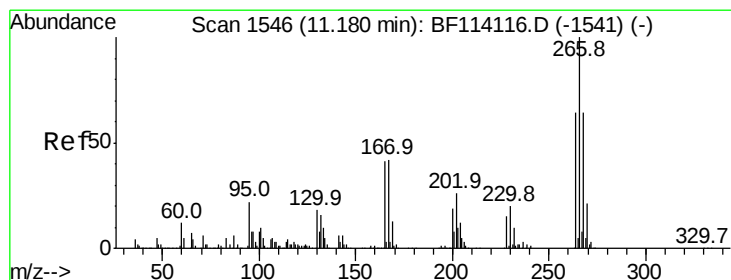
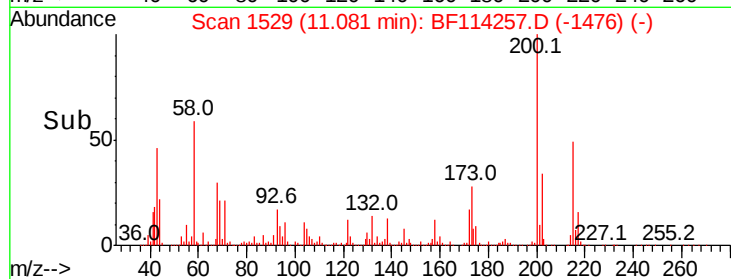
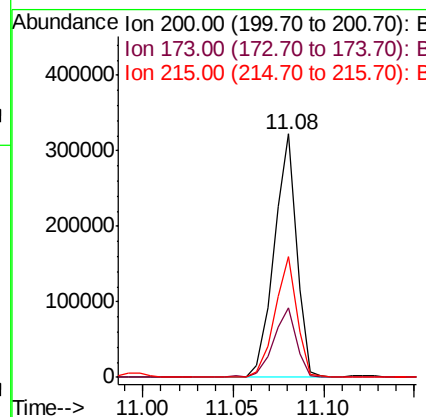
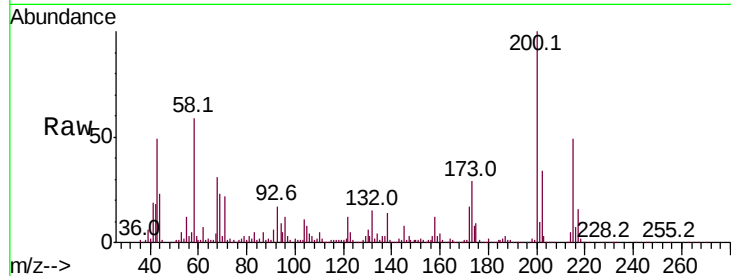
#69
 Atrazine
 Concen: 37.498 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion:	200	Resp:	278298
Ion Ratio	Lower	Upper	
200	100		
173	28.5	8.9	48.9
215	49.4	30.7	70.7

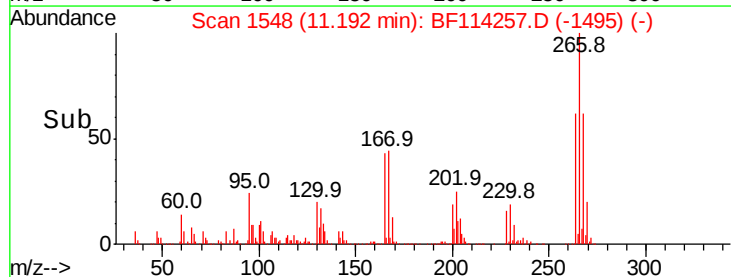
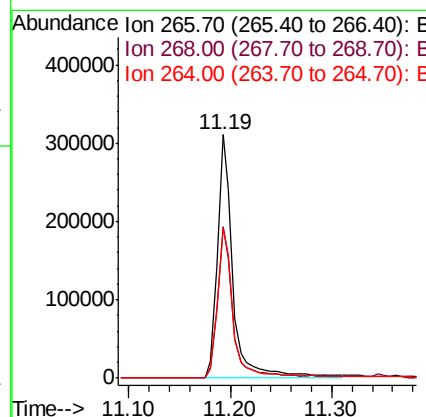
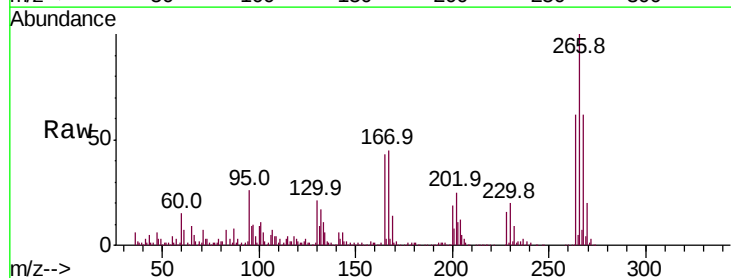
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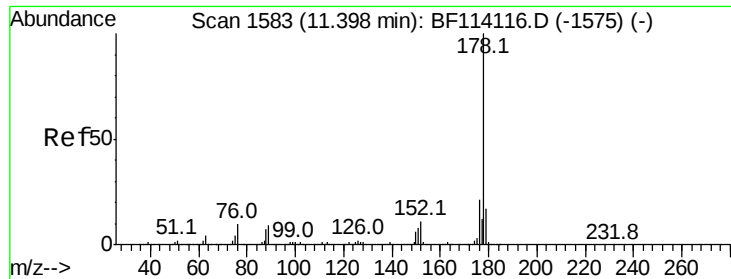
mohammad
 5/16/2019 9:10:02 AM



#70
 Pentachlorophenol
 Concen: 73.755 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion:	266	Resp:	334643
Ion Ratio	Lower	Upper	
266	100		
268	62.2	51.1	76.7
264	61.7	51.1	76.7





#71

Phenanthrene

Concen: 43.252 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:178 Resp: 1653522

Ion Ratio Lower Upper

178 100

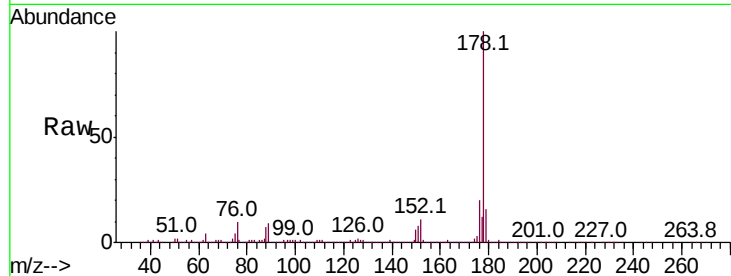
176 20.0 16.4 24.6

179 16.2 13.2 19.8

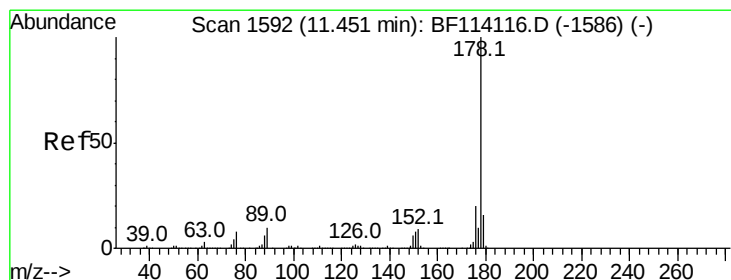
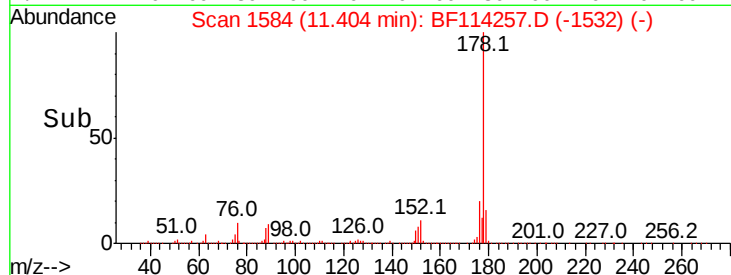
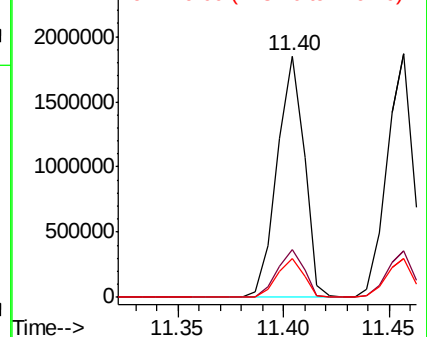
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Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.273 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion:178 Resp: 1623212

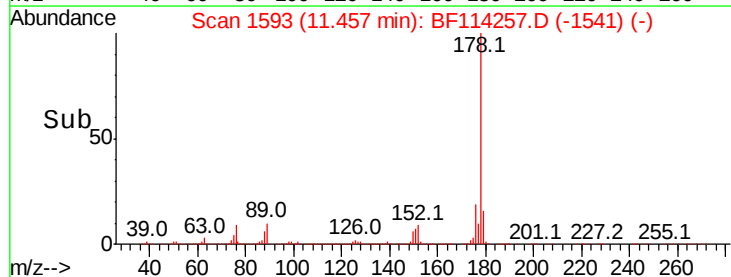
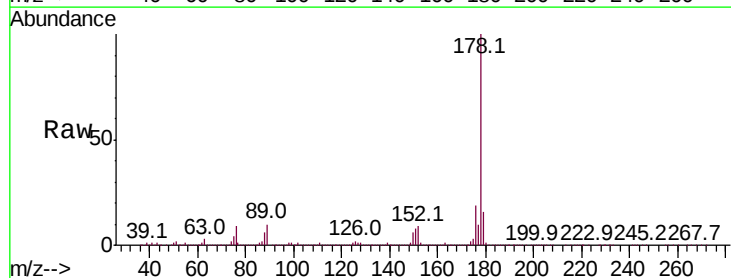
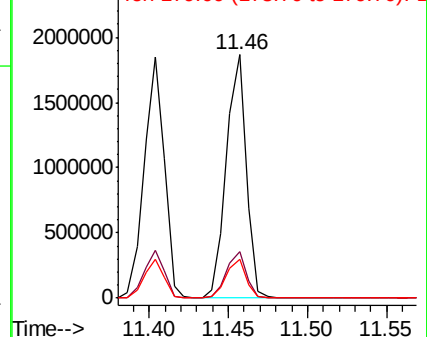
Ion Ratio Lower Upper

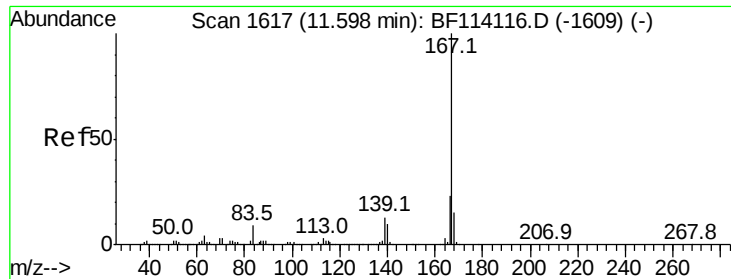
178 100

176 19.3 15.8 23.8

179 15.8 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





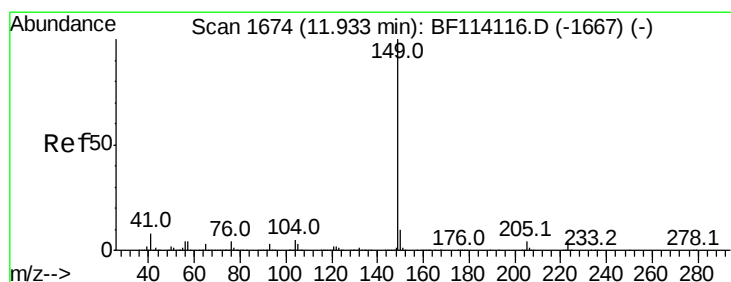
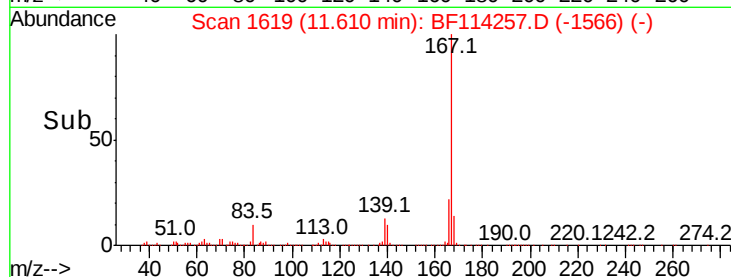
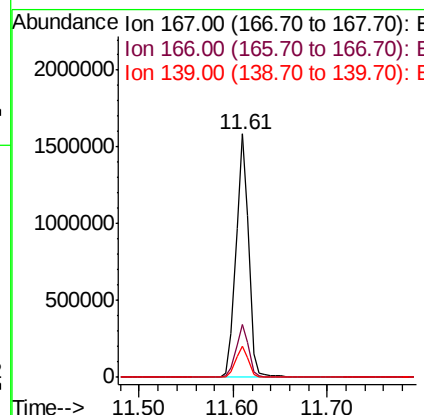
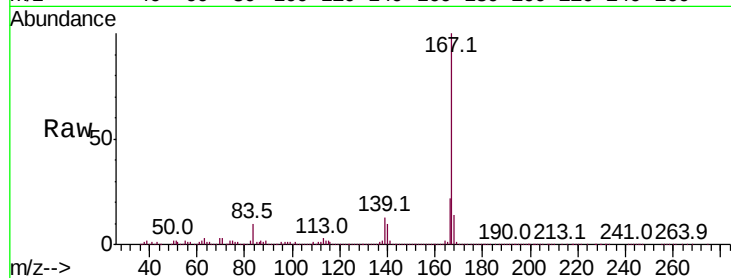
#73
 Carbazole
 Concen: 40.242 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	12.8	10.6	16.0

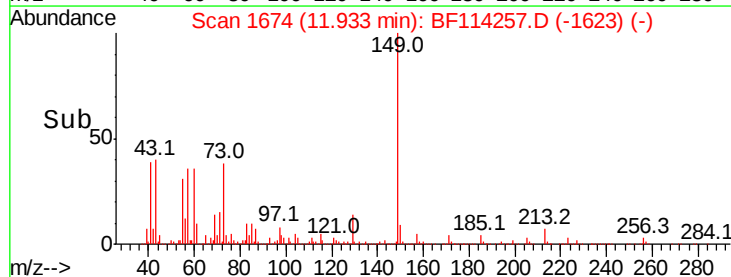
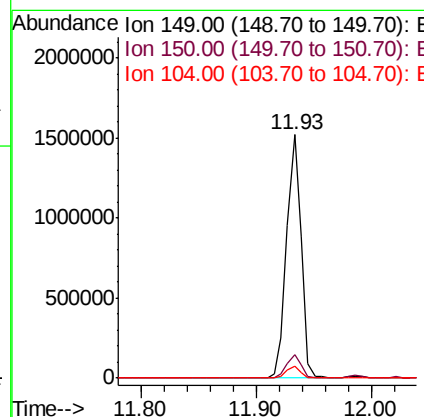
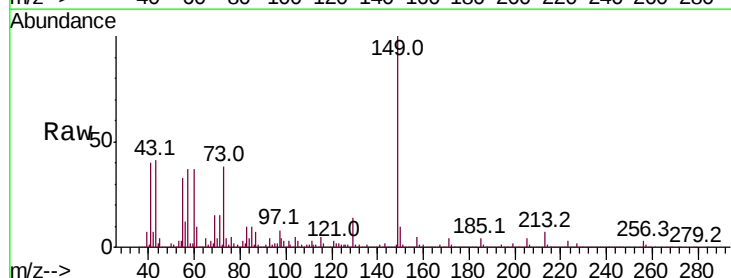
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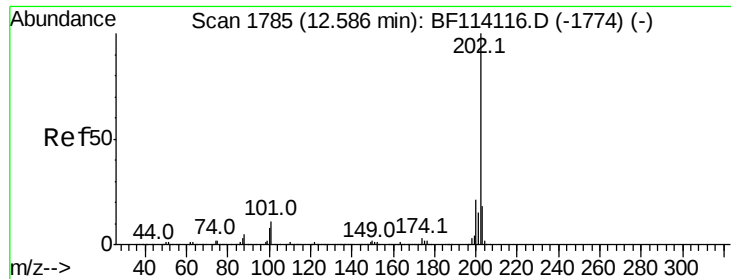
mohammad
 5/16/2019 9:10:02 AM



#74
 Di-n-butylphthalate
 Concen: 31.304 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114257.D
 Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 41.333 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

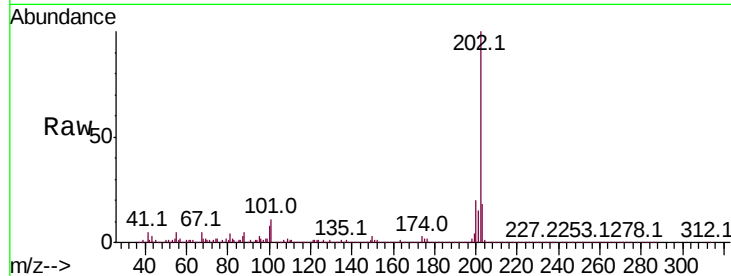
ClientSampleId :

P026-SS008-0206-01MS

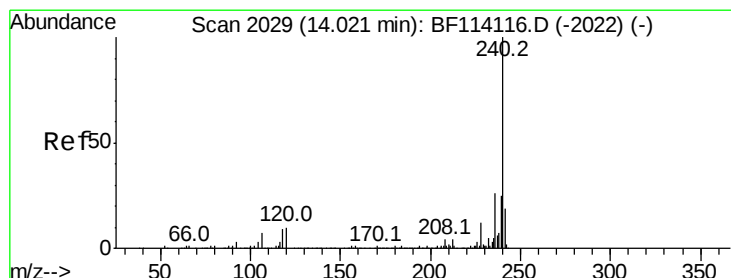
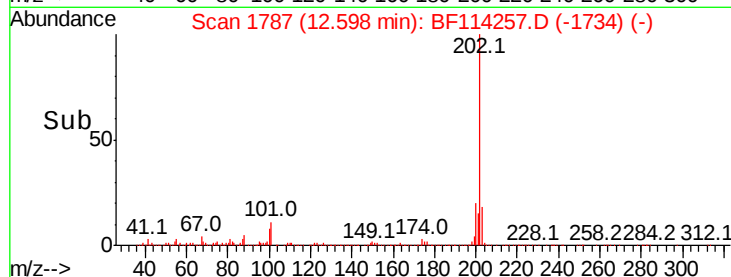
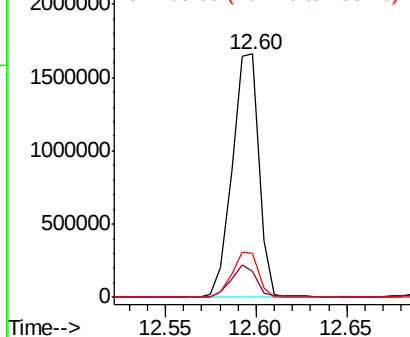
Tot Ion:	202	Resp:	1701601
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	17.8	0.0	38.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

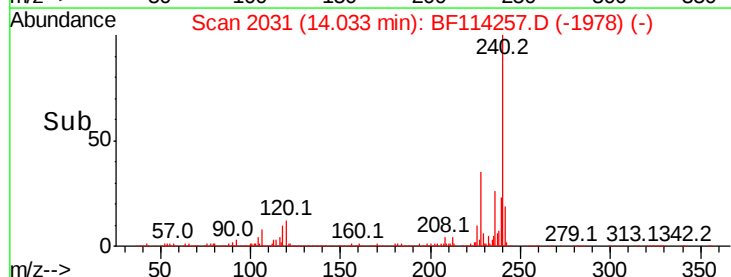
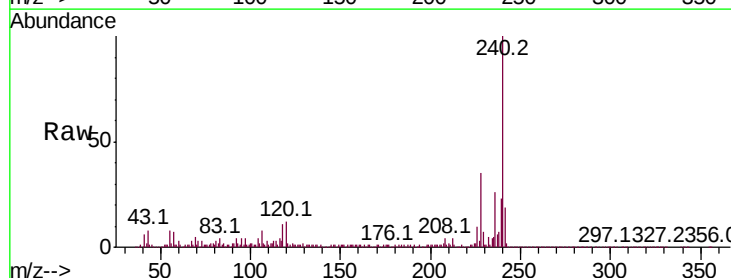
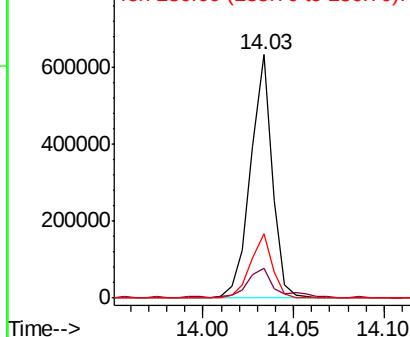
Delta R.T. 0.01 min

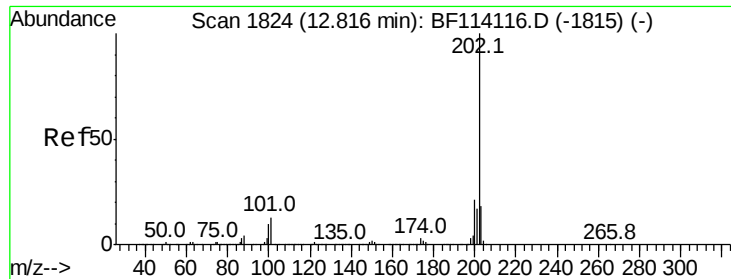
Lab File: BF114257.D

Acq: 14 May 2019 17:06

Tgt Ion:	240	Resp:	524006
Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.3	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





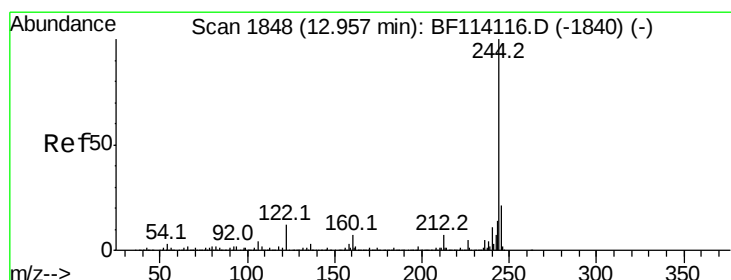
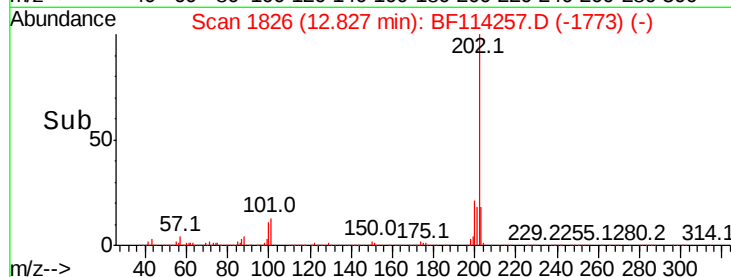
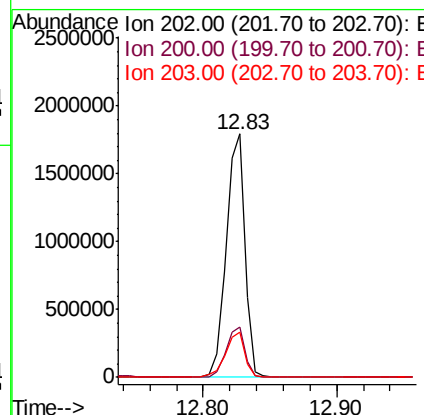
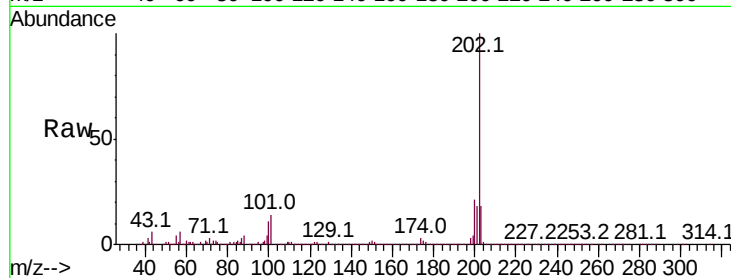
#78
Pvrene
Concen: 42.144 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.4	14.5	21.7

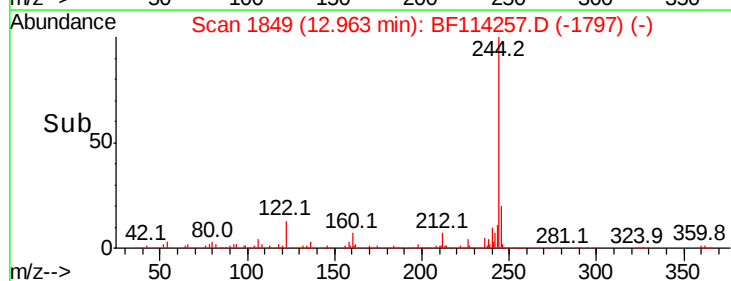
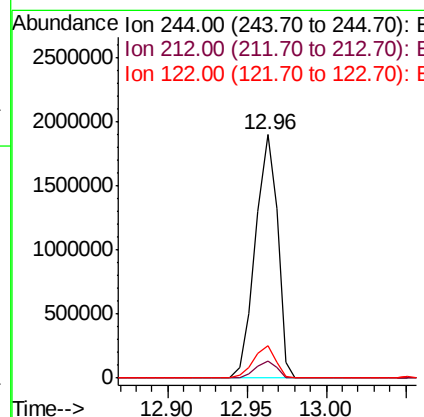
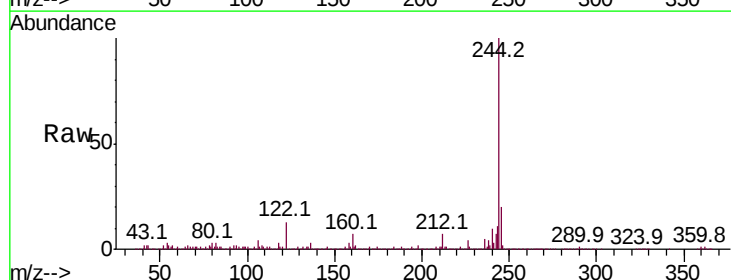
Manual Integrations
APPROVED

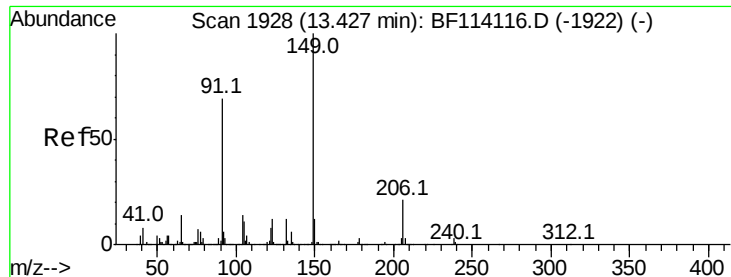
mohammad
5/16/2019 9:10:02 AM



#79
Terphenyl-d14
Concen: 72.891 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.4	9.4	14.2





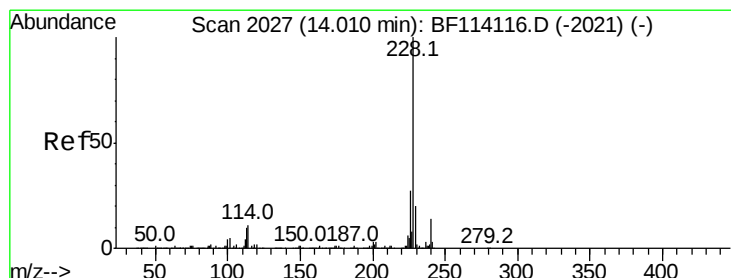
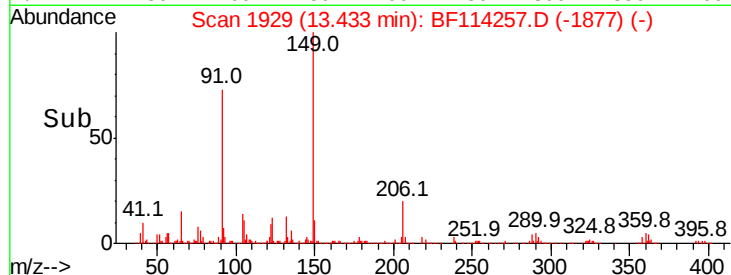
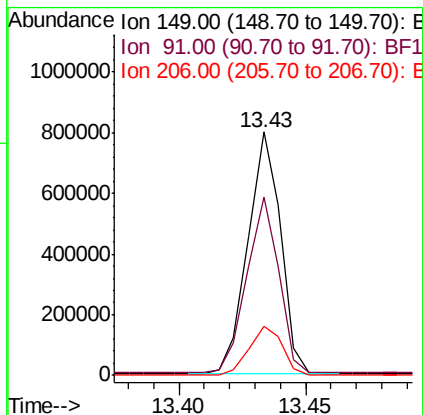
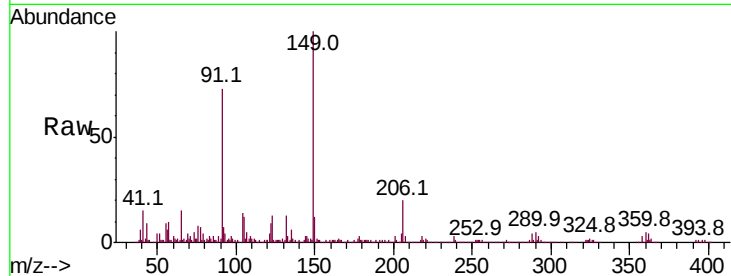
#80
Butylbenzylphthalate
Concen: 40.229 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.4	55.0	82.4
206	20.3	16.9	25.3

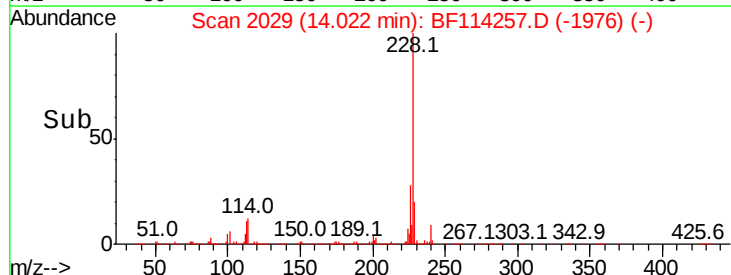
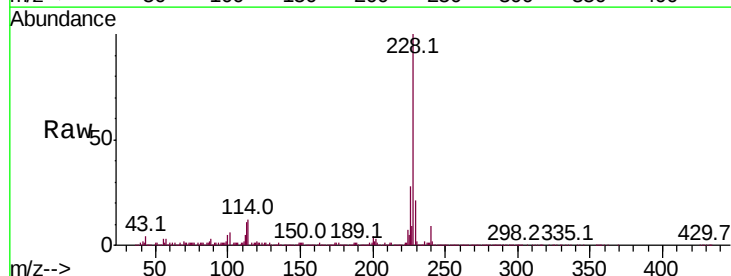
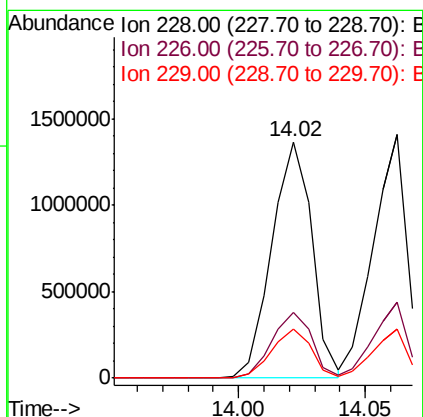
Manual Integrations
APPROVED

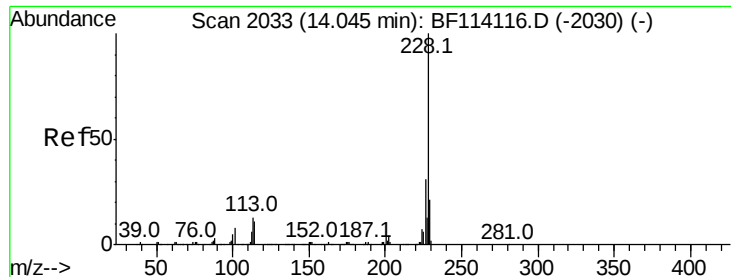
mohammad
5/16/2019 9:10:02 AM



#81
Benzo(a)anthracene
Concen: 44.082 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.6	16.4	24.6





#83

Chrysene

Concen: 39.267 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:228 Resp: 1304608

Ion Ratio Lower Upper

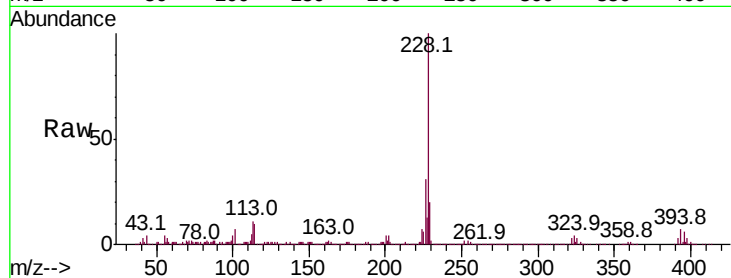
228 100

226 31.3 25.0 37.6

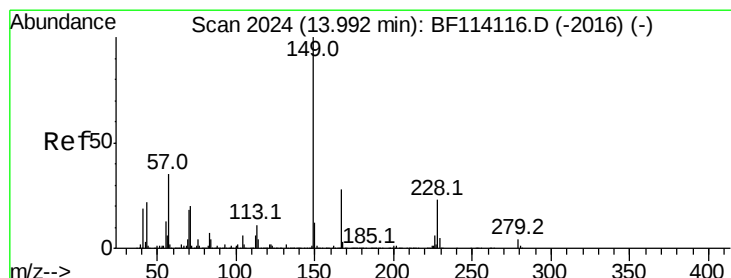
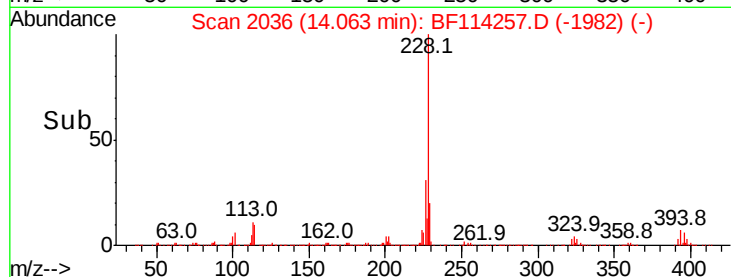
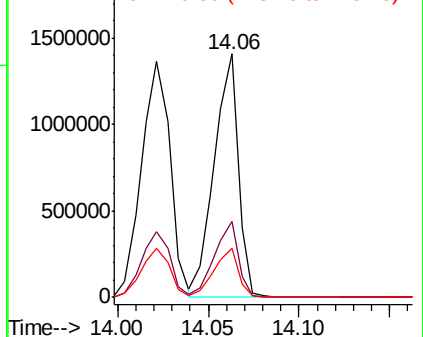
229 20.2 17.0 25.6

Manual Integrations
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mohammad
5/16/2019 9:10:02 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.006 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

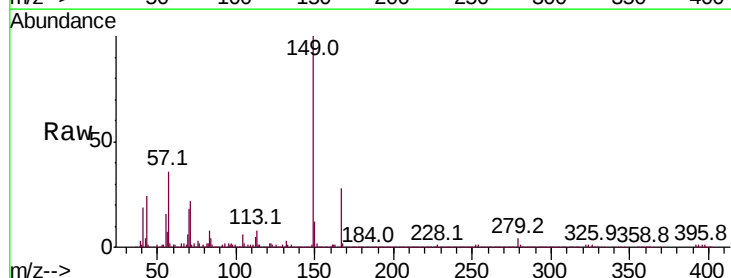
Tgt Ion:149 Resp: 1090785

Ion Ratio Lower Upper

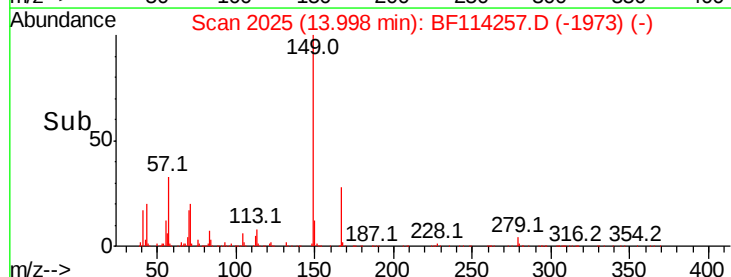
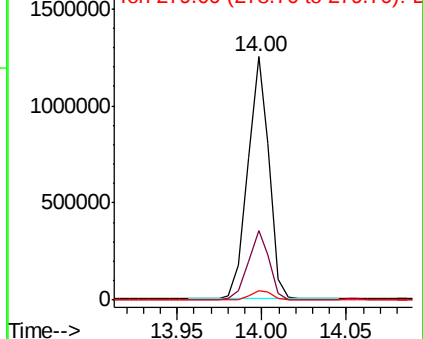
149 100

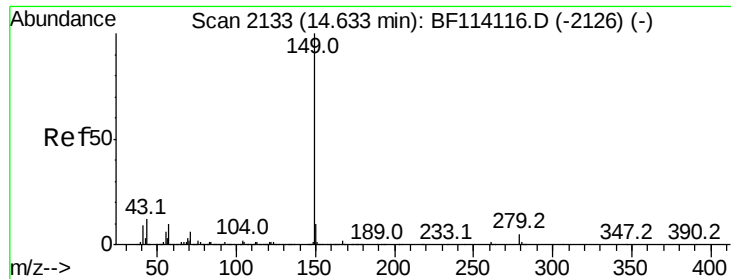
167 28.4 22.6 33.8

279 4.0 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.285 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:149 Resp: 1853962

Ion Ratio Lower Upper

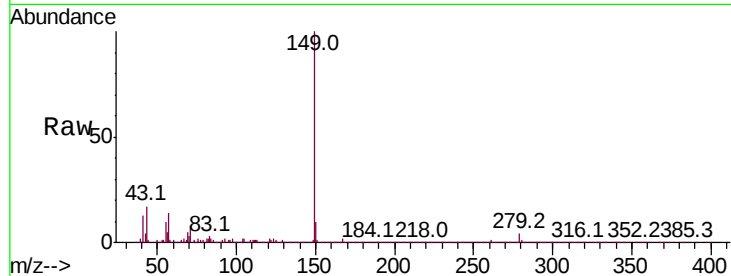
149 100

167 1.5 1.3 1.9

43 13.5 10.1 15.1

Manual Integrations
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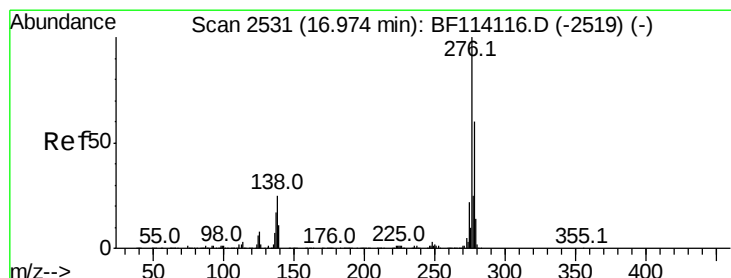
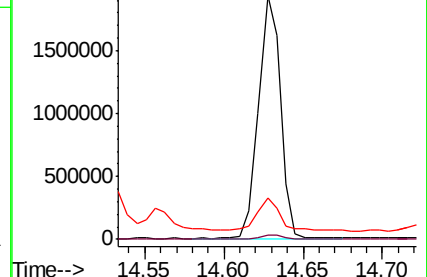
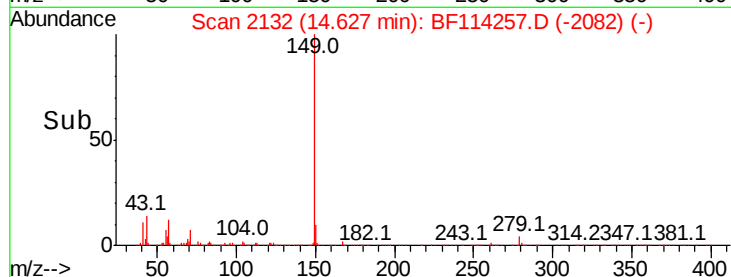
mohammad
5/16/2019 9:10:02 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.470 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.06 min

Lab File: BF114257.D

Acq: 14 May 2019 17:06

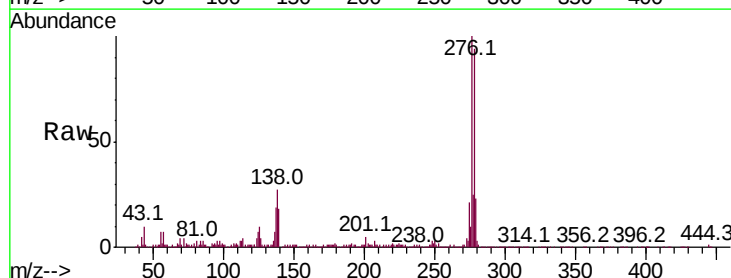
Tgt Ion:276 Resp: 1393846

Ion Ratio Lower Upper

276 100

138 26.0 20.2 30.2

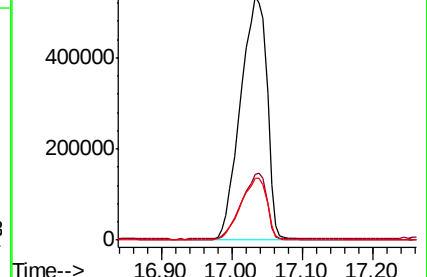
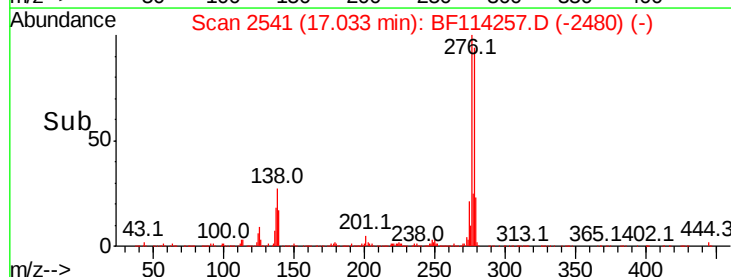
277 25.1 20.0 30.0

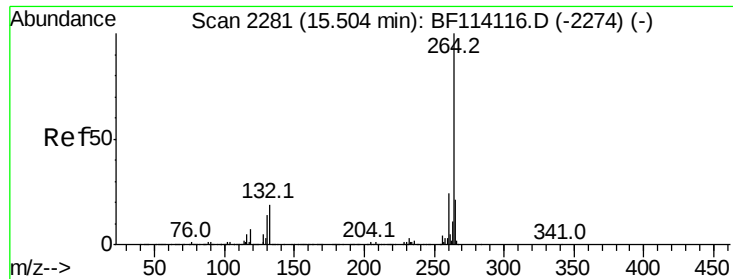


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





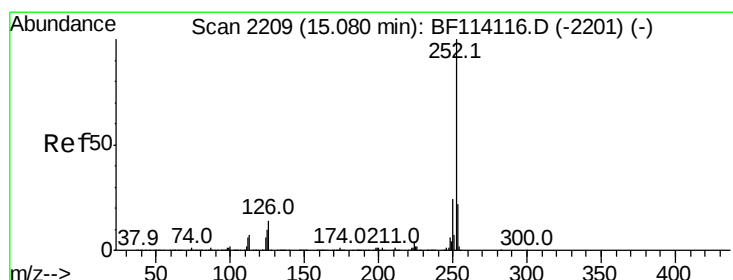
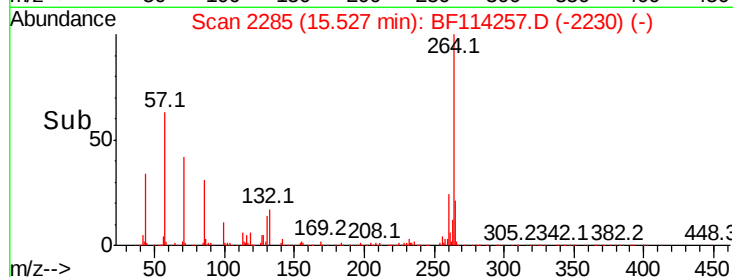
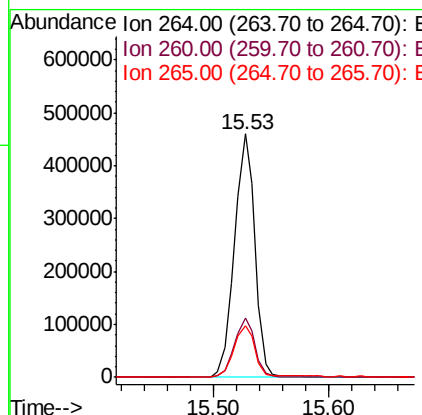
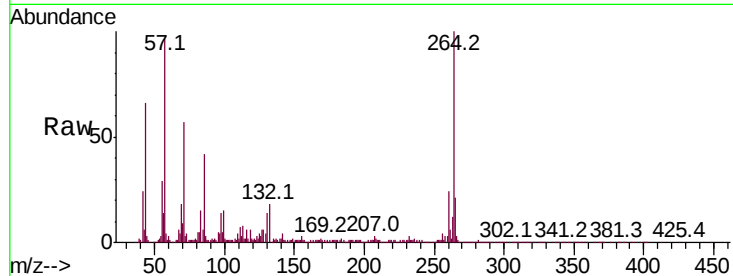
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.3	16.9	25.3

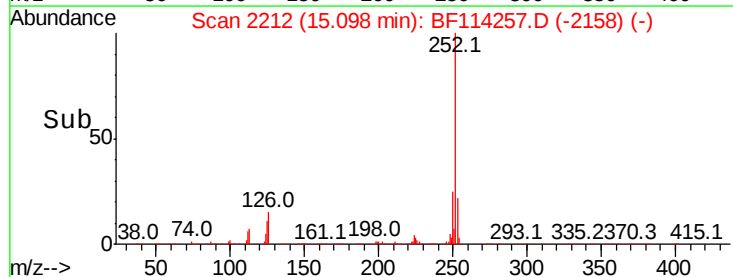
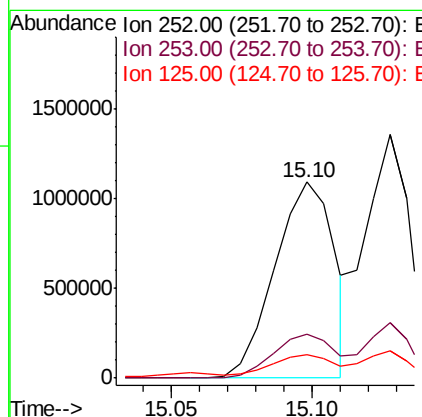
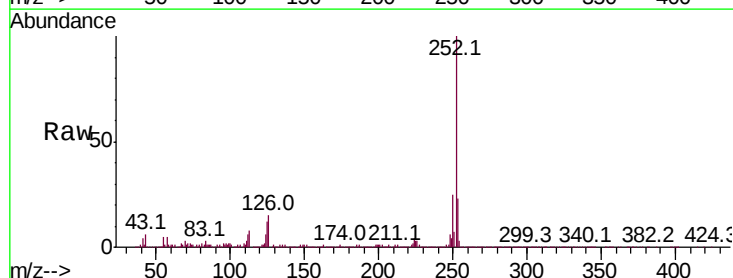
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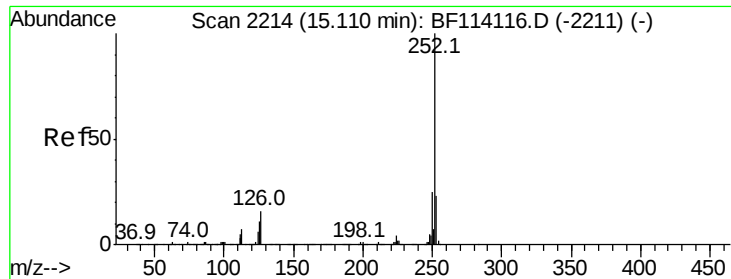
mohammad
5/16/2019 9:10:02 AM



#88
Benzo(b)fluoranthene
Concen: 44.339 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.3	8.3	12.5





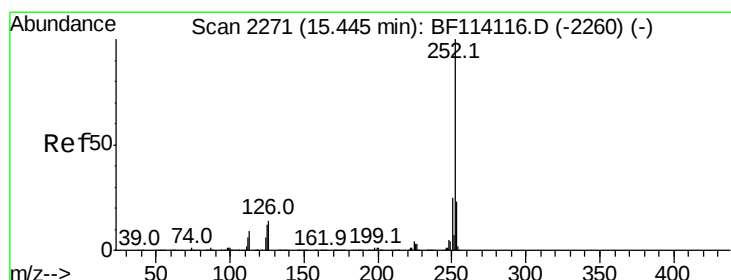
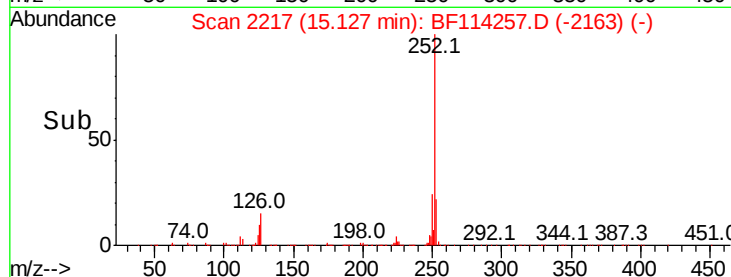
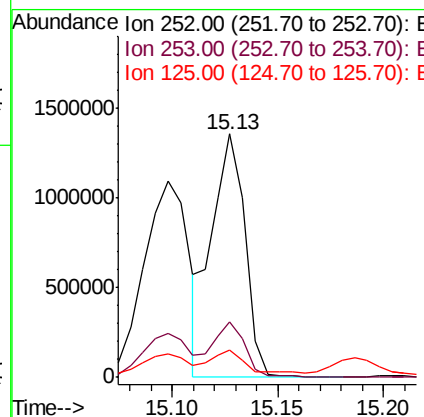
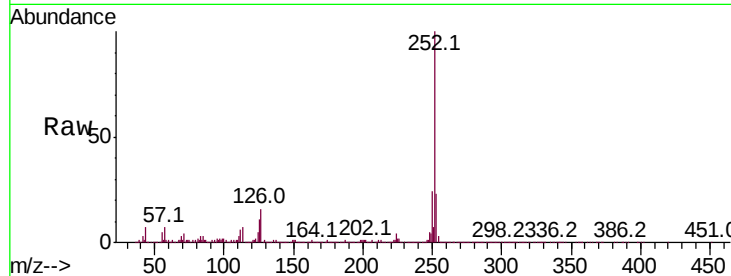
#89
Benzo(k)fluoranthene
Concen: 44.607 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion:252 Resp: 1476190
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.4 8.6 13.0

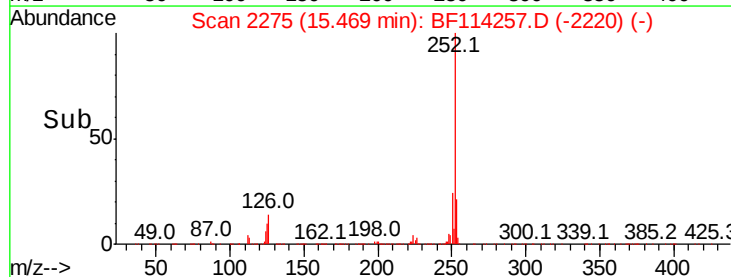
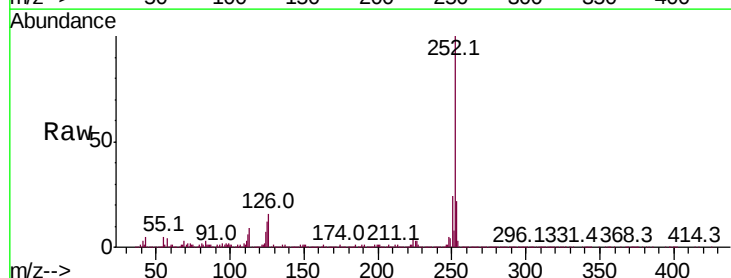
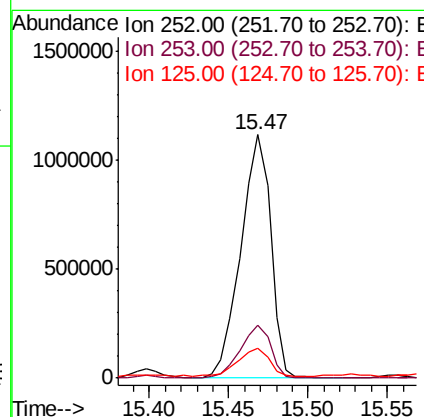
Manual Integrations
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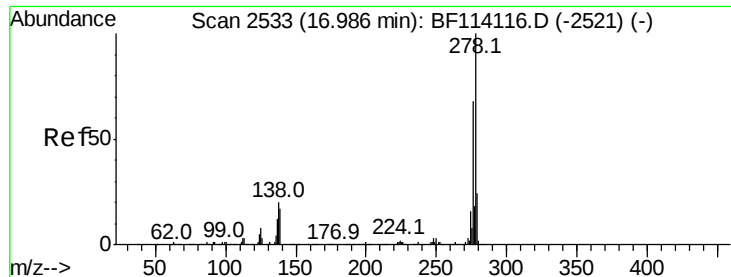
mohammad
5/16/2019 9:10:02 AM



#90
Benzo(a)pyrene
Concen: 46.186 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion:252 Resp: 1464381
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.4 9.5 14.3





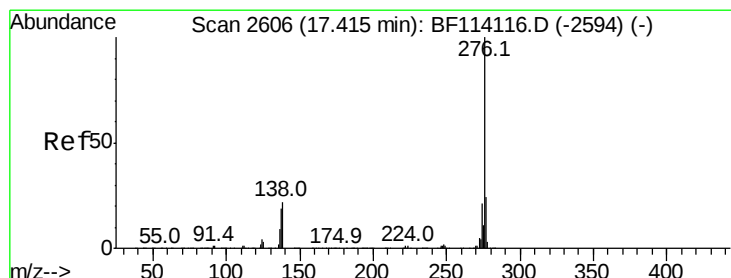
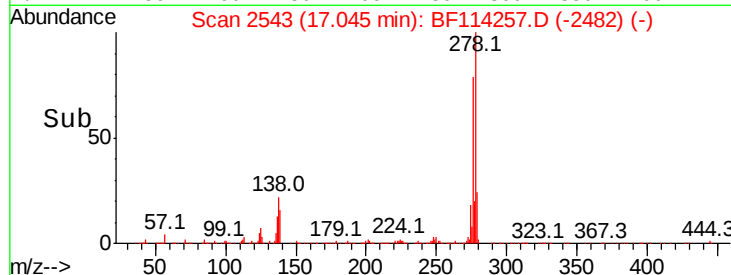
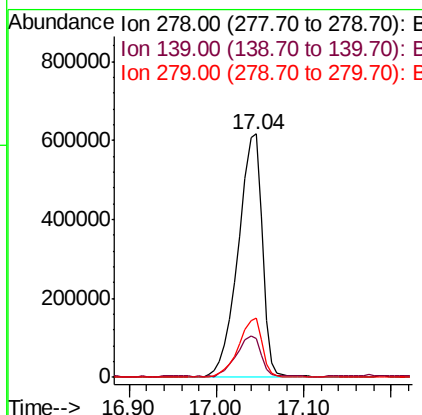
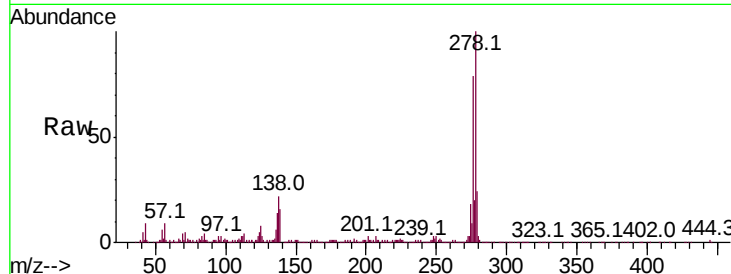
#91
Dibenzo(a,h)anthracene
Concen: 43.523 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.06 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion:278 Resp: 1146661
Ion Ratio Lower Upper
278 100
139 16.1 13.5 20.3
279 24.3 19.0 28.6

Manual Integrations
APPROVED

mohammad
5/16/2019 9:10:02 AM



#92
Benzo(g,h,i)perylene
Concen: 44.084 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.07 min
Lab File: BF114257.D
Acq: 14 May 2019 17:06

Tgt Ion:276 Resp: 1163929
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 23.1 17.8 26.6

