

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114318.D
 Acq On : 16 May 2019 19:20
 Operator : JU/SJ
 Sample : K2866-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Manual Integrations
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 5/17/2019 3:04:04 PM

Quant Time: May 17 09:07:49 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	6.85	152	224381	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	815866	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	293764	20.00	ng	0.01
64) Phenanthrene-d10	11.39	188	369692	20.00	ng	0.02
76) Chrysene-d12	14.03	240	356338	20.00	ng	0.00
87) Perylene-d12	15.50	264	509440	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1698747	121.83	ng	0.01
7) Phenol-d6	6.50	99	2203650	133.63	ng	0.01
23) Nitrobenzene-d5	7.42	82	1367904	94.09	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	334207	110.04	ng	0.02
45) 2-Fluorobiphenyl	9.21	172	1998174	102.89	ng	0.00
79) Terphenyl-d14	12.97	244	1255843	72.65	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	246341	32.143	ng	99
3) Pyridine	3.39	79	709224	33.587	ng	97
4) n-Nitrosodimethylamine	3.34	42	381446	37.461	ng	93
6) Aniline	6.52	93	707485	29.699	ng	# 6
8) 2-Chlorophenol	6.65	128	671269	45.097	ng	96
9) Benzaldehyde	6.40	77	506722	43.892	ng	96
10) Phenol	6.52	94	818333	42.183	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	672894	45.689	ng	100
12) 1,3-Dichlorobenzene	6.79	146	688346	41.197	ng	99
13) 1,4-Dichlorobenzene	6.87	146	694608	41.255	ng	97
14) 1,2-Dichlorobenzene	7.02	146	643330	41.823	ng	98
15) Benzyl Alcohol	7.00	79	562424	43.728	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1190733	41.698	ng	81
17) 2-Methylphenol	7.12	107	537079	43.924	ng	# 93
18) Hexachloroethane	7.36	117	265540	42.016	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	455241	43.552	ng	97
20) 3+4-Methylphenols	7.27	107	668945	47.351	ng	# 66
22) Acetophenone	7.26	105	897084	49.634	ng	# 90
24) Nitrobenzene	7.43	77	709425	47.912	ng	99
25) Isophorone	7.67	82	1283227	47.594	ng	99
26) 2-Nitrophenol	7.75	139	359271	50.011	ng	99
27) 2,4-Dimethylphenol	7.79	122	595221	52.755	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	808641	46.224	ng	100
29) 2,4-Dichlorophenol	8.00	162	546109	48.608	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	564359	44.175	ng	99
31) Naphthalene	8.16	128	1846099	48.441	ng	98
32) Benzoic acid	7.90	122	177033	25.808	ng	98
33) 4-Chloroaniline	8.20	127	297366	17.123	ng	99
34) Hexachlorobutadiene	8.27	225	302983	41.681	ng	99
35) Caprolactam	8.57	113	186676m	50.957	ng	
36) 4-Chloro-3-methylphenol	8.70	107	545942	48.275	ng	98
37) 2-Methylnaphthalene	8.85	142	1148389	46.704	ng	97
38) 1-Methylnaphthalene	8.95	142	1067339	46.094	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	499056	56.082	ng	98

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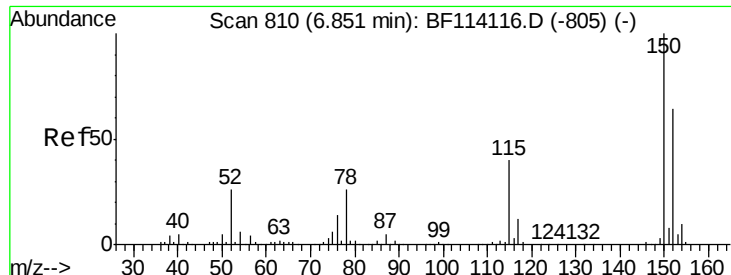
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	282611	68.808	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	333097	54.420	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	349373	55.658	nq #	92
46) 1,1'-Biphenyl	9.31	154	1283817	54.096	nq	98
47) 2-Chloronaphthalene	9.34	162	955962	50.052	nq	98
48) 2-Nitroaniline	9.43	65	364283	53.780	nq	94
49) Acenaphthylene	9.76	152	1386368	47.725	nq	98
50) Dimethylphthalate	9.61	163	1286363	59.650	nq #	98
51) 2,6-Dinitrotoluene	9.68	165	286430	59.884	nq	85
52) Acenaphthene	9.93	154	768057	43.087	nq	99
53) 3-Nitroaniline	9.85	138	270727	45.596	nq #	87
54) 2,4-Dinitrophenol	9.96	184	112099	49.424	nq	90
55) Dibenzofuran	10.10	168	1155935	44.223	nq	98
56) 4-Nitrophenol	10.03	139	298537	71.098	nq #	76
57) 2,4-Dinitrotoluene	10.09	165	273458	42.122	nq	93
58) Fluorene	10.45	166	794686	39.361	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	194691	35.946	nq #	89
60) Diethylphthalate	10.32	149	812388	37.076	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	396002	39.934	nq	92
62) 4-Nitroaniline	10.46	138	188893	30.275	nq	86
63) Azobenzene	10.60	77	826724	38.980	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	87404	49.202	nq #	29
66) n-Nitrosodiphenylamine	10.55	169	777934	69.333	nq	97
67) 4-Bromophenyl-phenylether	10.93	248	204428	50.222	nq	93
68) Hexachlorobenzene	11.01	284	214969	47.739	nq #	92
69) Atrazine	11.09	200	185480	53.120	nq	88
70) Pentachlorophenol	11.20	266	161992	75.888	nq	99
71) Phenanthrene	11.42	178	970435	53.955	nq	97
72) Anthracene	11.47	178	943102	52.205	nq	97
73) Carbazole	11.62	167	843548	48.967	nq	98
74) Di-n-butylphthalate	11.95	149	979825	49.369	nq	98
75) Fluoranthene	12.61	202	1023226	52.829	nq	98
77) Benzidine	12.72	184	555728	34.743	nq #	97
78) Pyrene	12.84	202	1068613	37.279	nq	99
80) Butylbenzylphthalate	13.43	149	482646	40.002	nq	94
81) Benzo(a)anthracene	14.02	228	1111402	48.222	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	113319	12.674	nq #	95
83) Chrysene	14.06	228	1106653	48.981	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	724506	45.912	nq	99
85) Di-n-octyl phthalate	14.60	149	1378788	53.899	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1721974	86.239	nq	99
88) Benzo(b)fluoranthene	15.07	252	1418278	43.455	nq	98
89) Benzo(k)fluoranthene	15.10	252	1264194	42.167	nq	99
90) Benzo(a)pyrene	15.44	252	1379544	48.028	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1378268	57.745	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1524720	63.744	nq	99

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



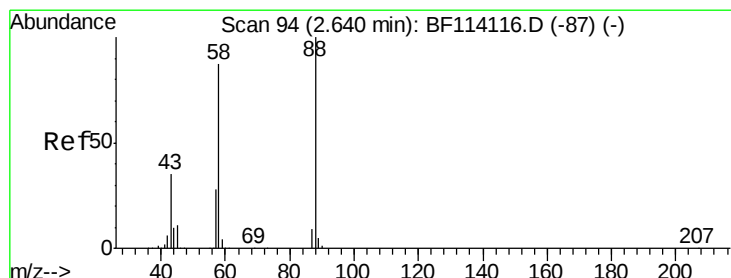
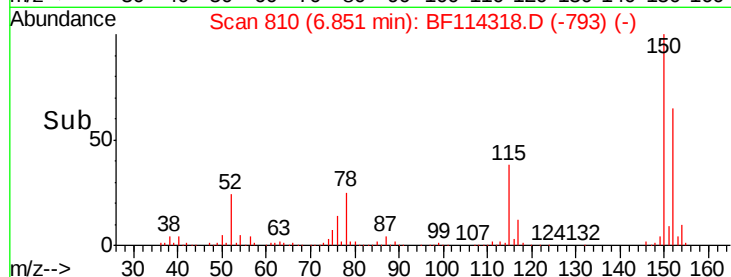
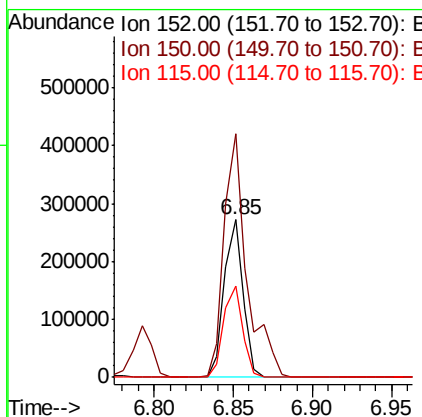
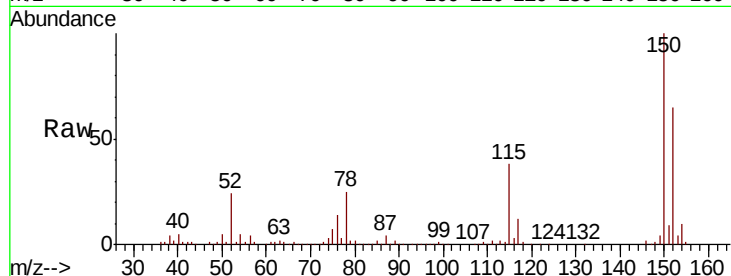
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.3	186.5
115	58.3	49.1	73.7

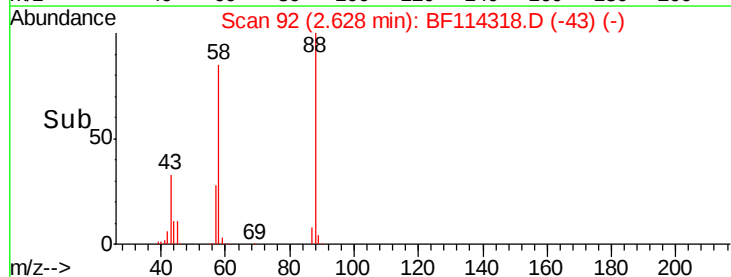
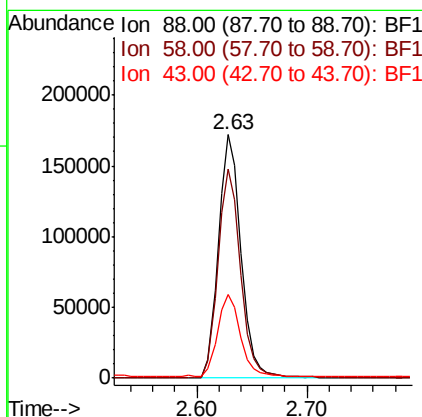
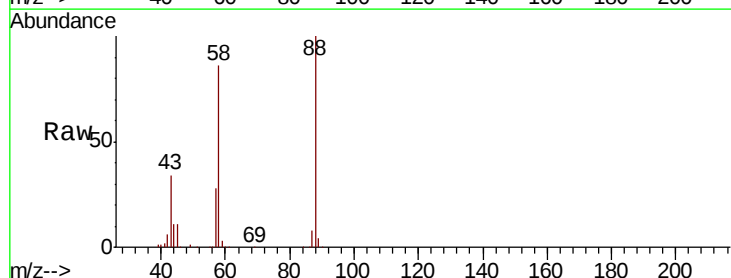
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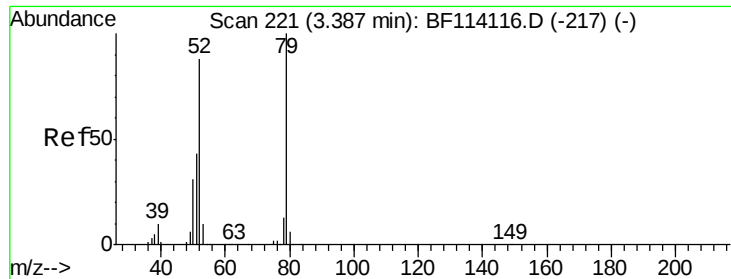
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#2
 1,4-Dioxane
 Concen: 32.143 ng
 RT: 2.63 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.7	103.1
43	34.0	28.2	42.2





#3

Pvridine

Concen: 33.587 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

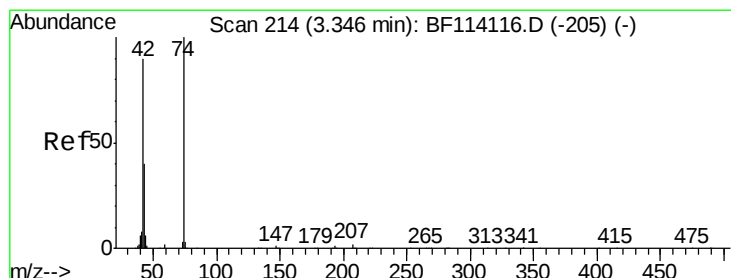
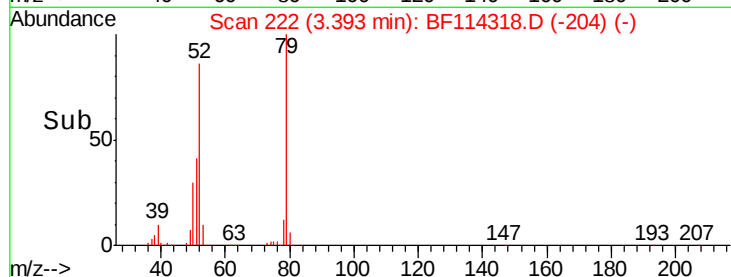
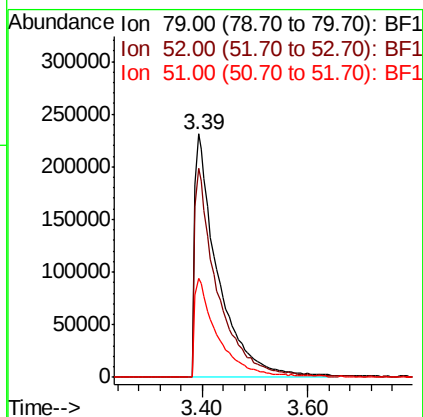
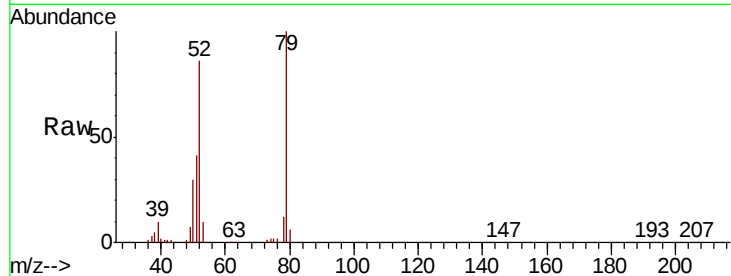
ClientSampleId :

RO-COMP-1MS

Tot Ion:	79	Resp:	709224
Ion Ratio	Lower	Upper	
79	100		
52	85.9	70.6	105.8
51	40.9	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 37.461 ng

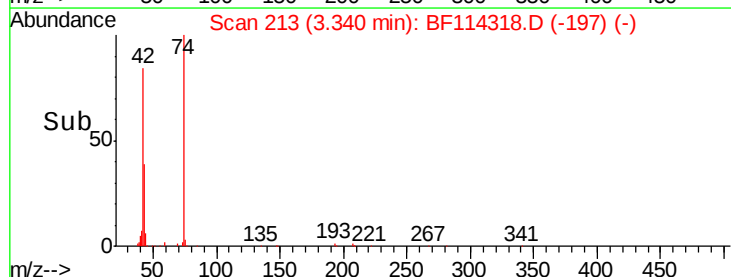
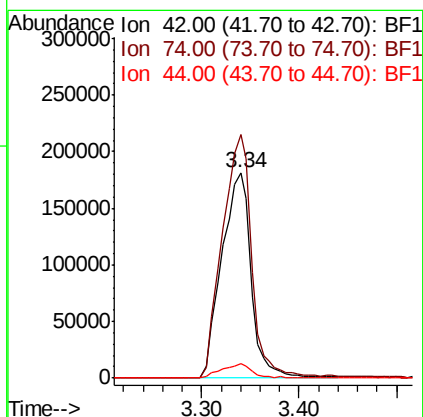
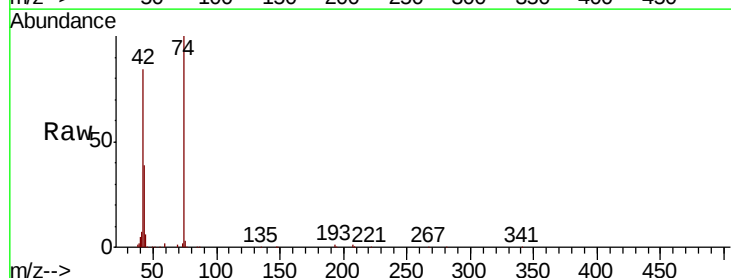
RT: 3.34 min Scan# 213

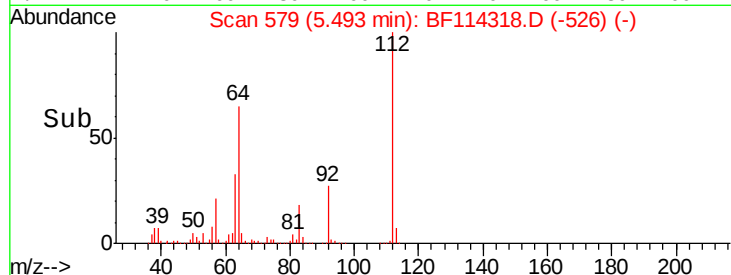
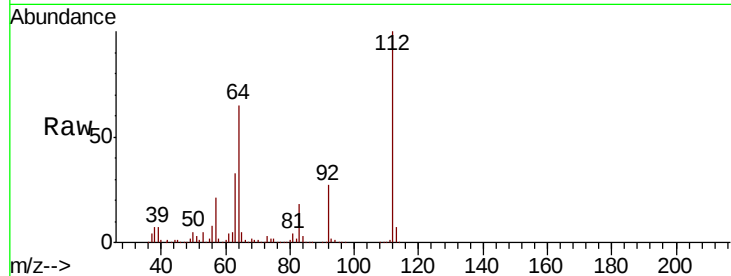
Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:	42	Resp:	381446
Ion Ratio	Lower	Upper	
42	100		
74	118.4	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 121.834 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tot Ion:	112	Resp:	1698747
Ion	Ratio	Lower	Upper
112	100		
64	64.7	49.0	73.6
63	32.9	24.6	37.0

Instrument :

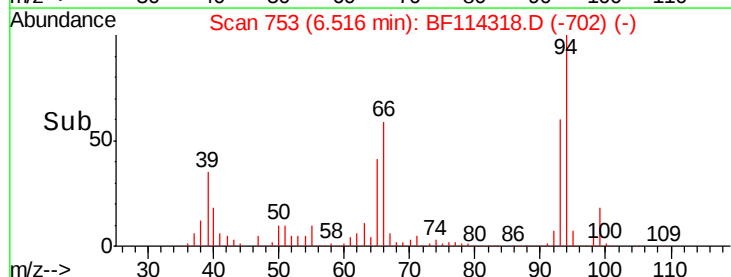
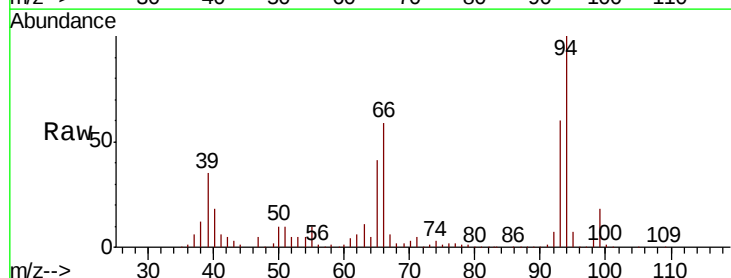
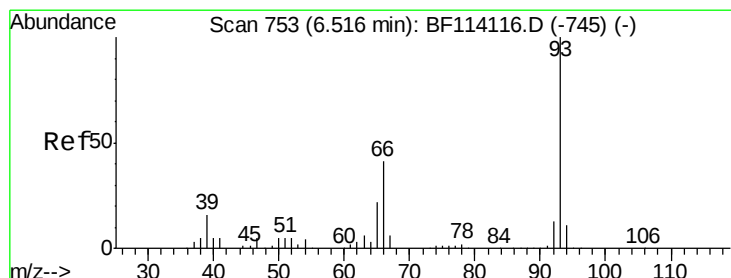
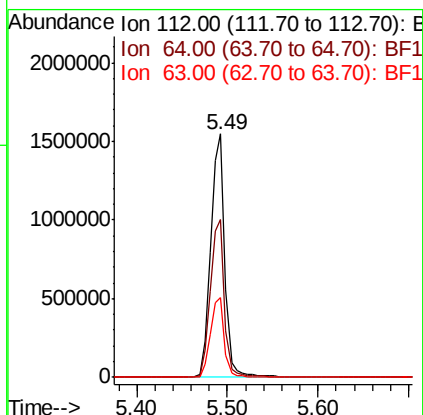
BNA_F

ClientSampleId :

RO-COMP-1MS

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#6

Aniline

Concen: 29.699 ng

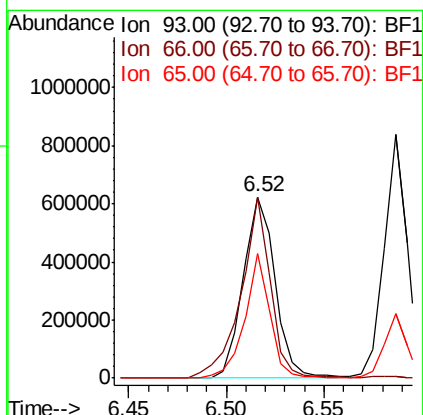
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:	93	Resp:	707485
Ion	Ratio	Lower	Upper
93	100		
66	99.6	33.2	49.8#
65	68.8	17.6	26.4#





#7

Phenol-d6

Concen: 133.628 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion: 99 Resp: 2203650

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

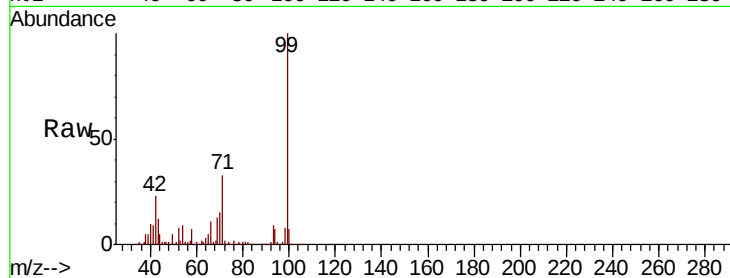
71 33.4 26.2 39.2

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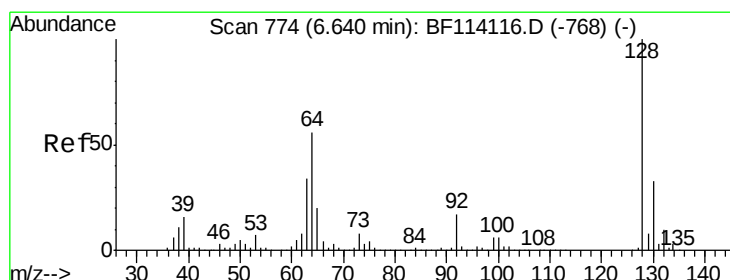
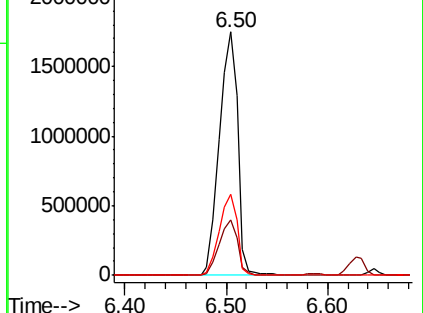
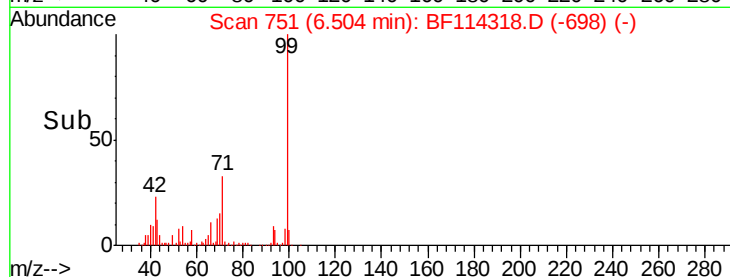
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.097 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114318.D

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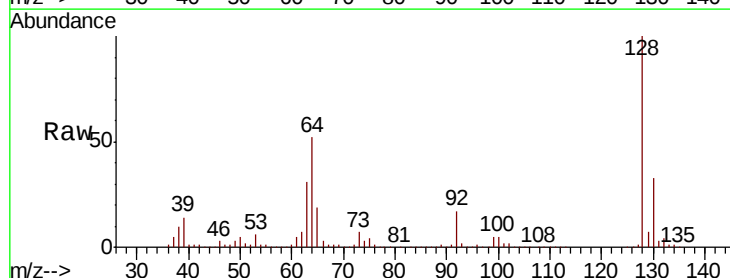
Tgt Ion: 128 Resp: 671269

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

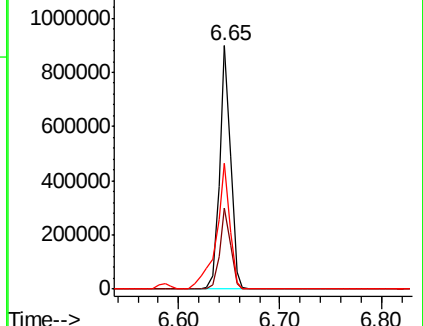
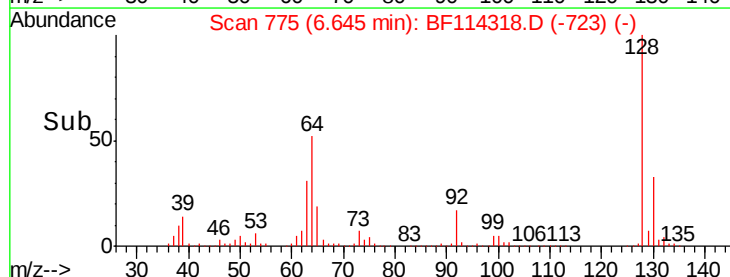
64 51.8 35.9 75.9

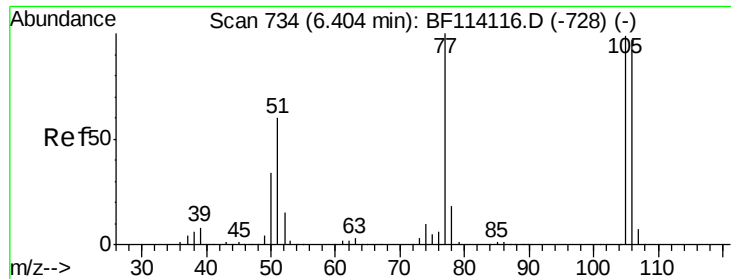


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.892 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

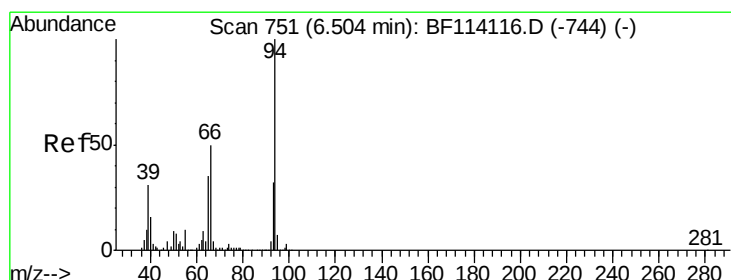
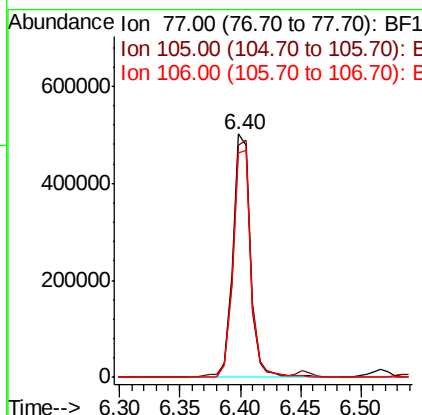
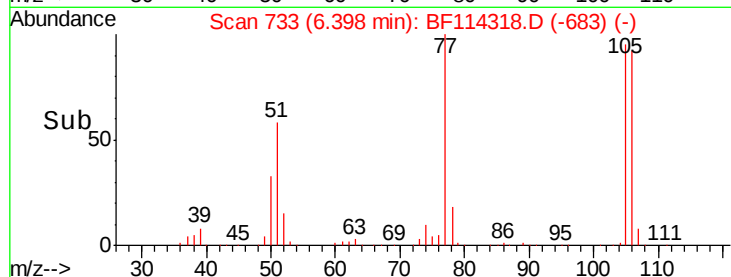
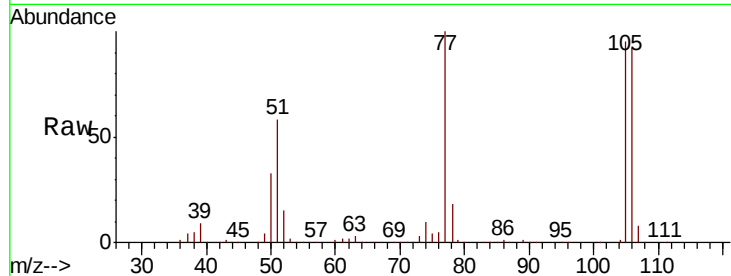
ClientSampleId :

RO-COMP-1MS

Tot Ion:	77	Resp:	506722
Ion Ratio	Lower	Upper	
77	100		
105	95.3	79.3	119.3
106	92.1	77.0	117.0

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#10

Phenol

Concen: 42.183 ng

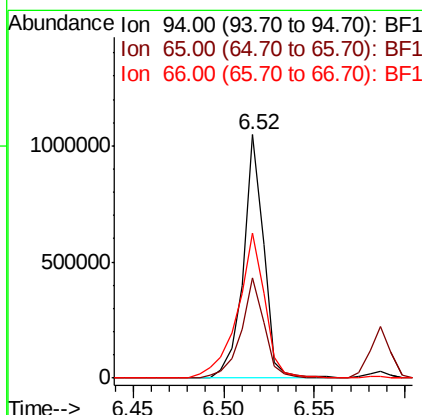
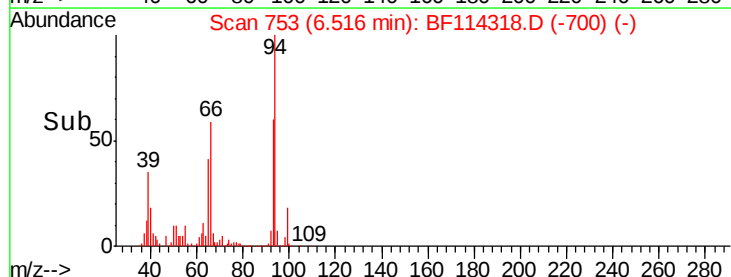
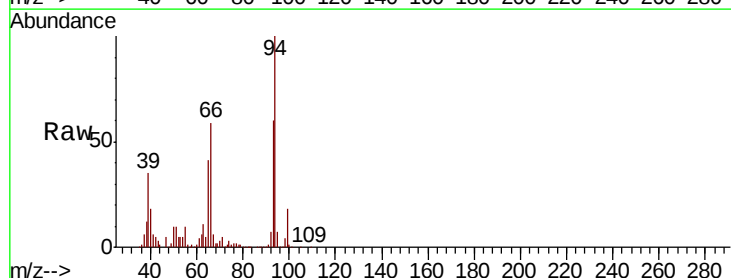
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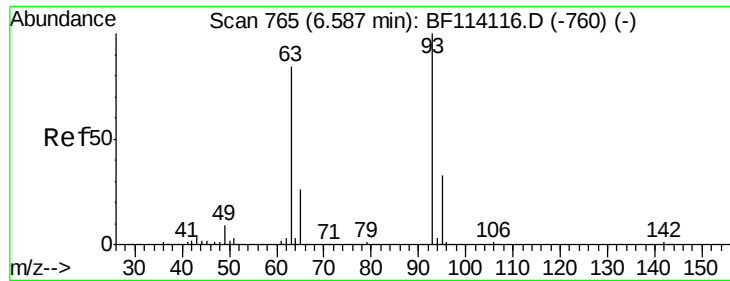
Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:	94	Resp:	818333
Ion Ratio	Lower	Upper	
94	100		
65	41.0	14.7	54.7
66	59.3	29.6	69.6





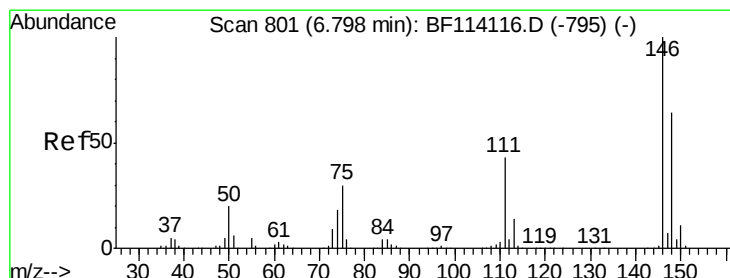
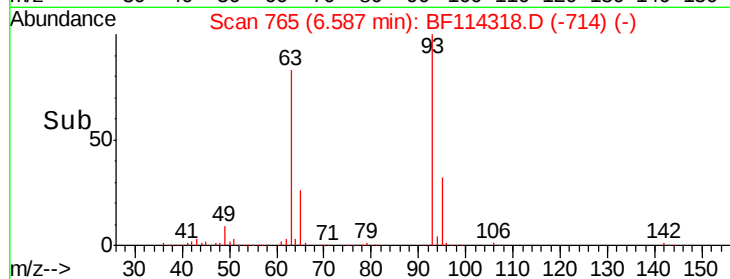
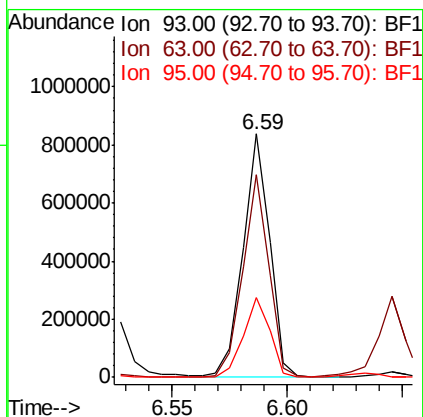
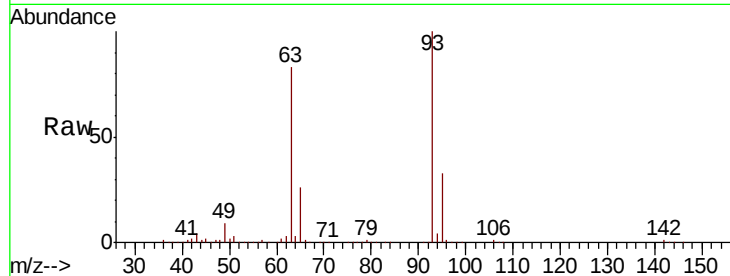
#11
bis(2-Chloroethyl)ether
Concen: 45.689 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion:	93	Resp:	672894
Ion	Ratio	Lower	Upper
93	100		
63	83.3	63.6	103.6
95	32.5	13.1	53.1

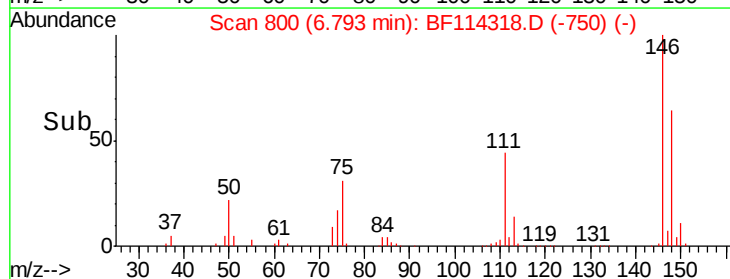
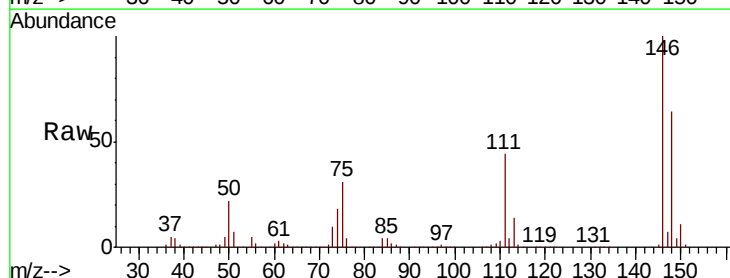
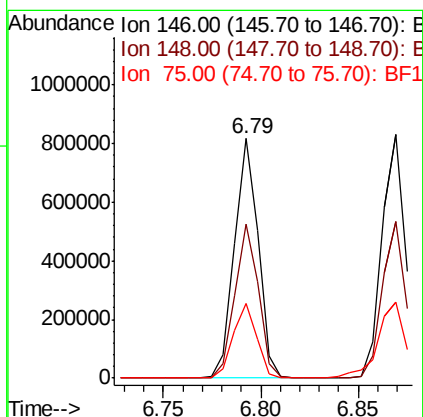
Manual Integrations
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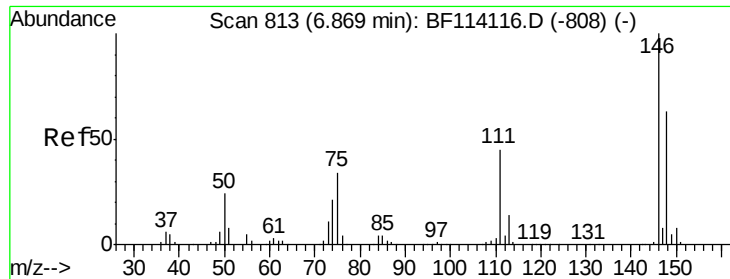
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.197 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:	146	Resp:	688346
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	31.4	24.2	36.2





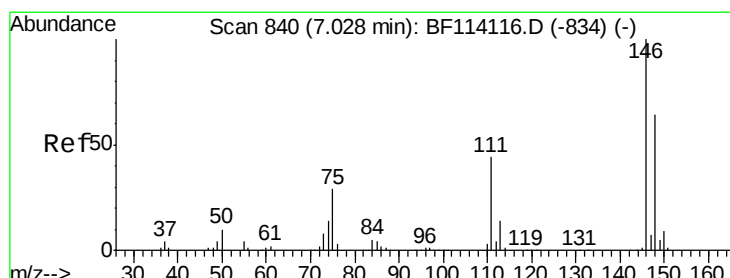
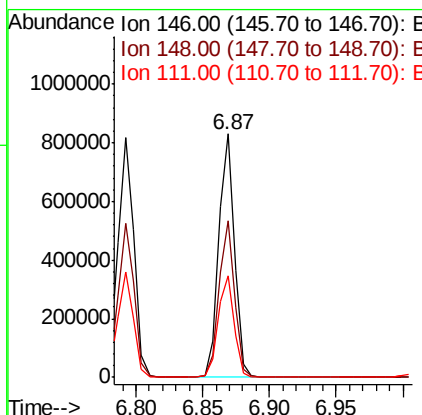
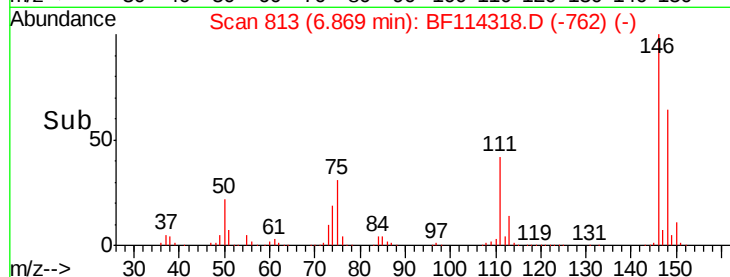
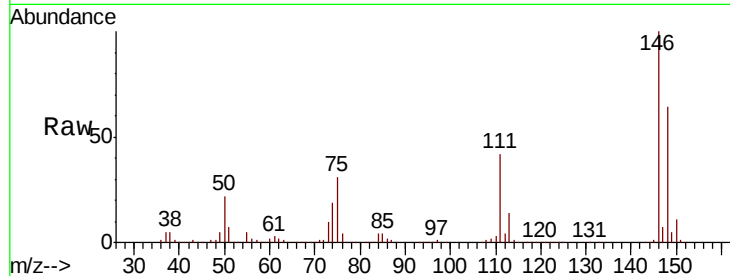
#13
 1,4-Dichlorobenzene
 Concen: 41.255 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampled :
 RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.2	75.2
111	41.7	35.8	53.6

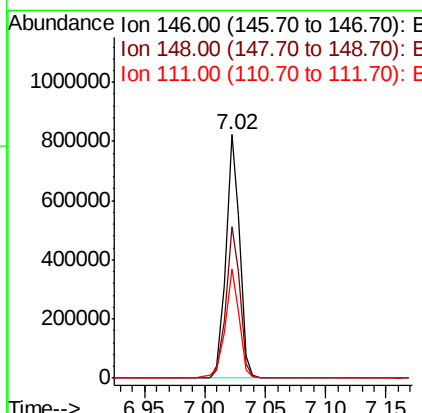
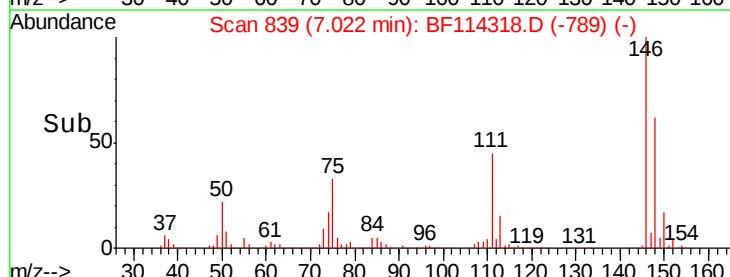
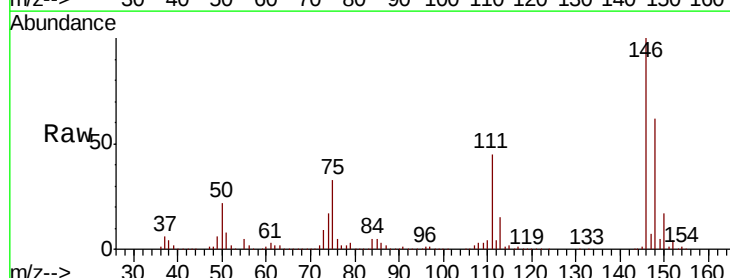
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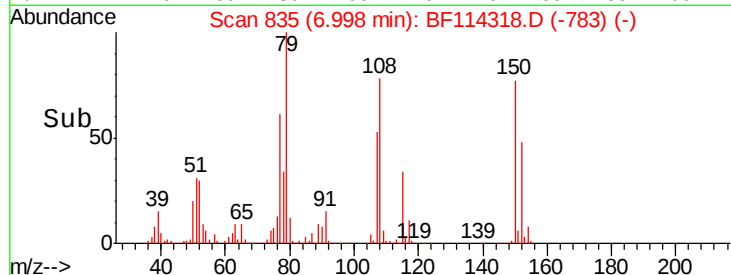
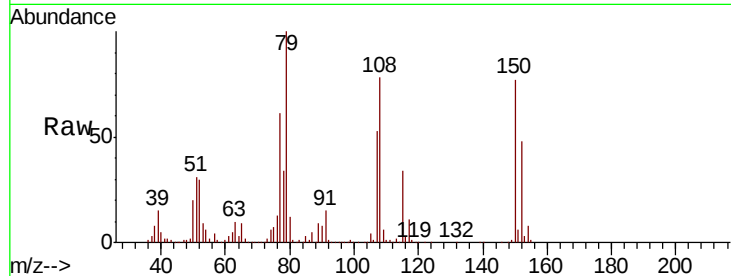
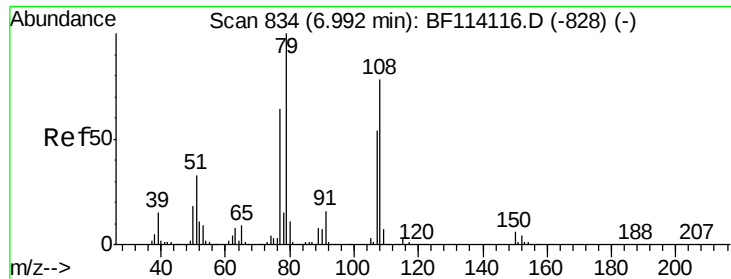
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#14
 1,2-Dichlorobenzene
 Concen: 41.823 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.1	76.7
111	45.1	35.3	52.9





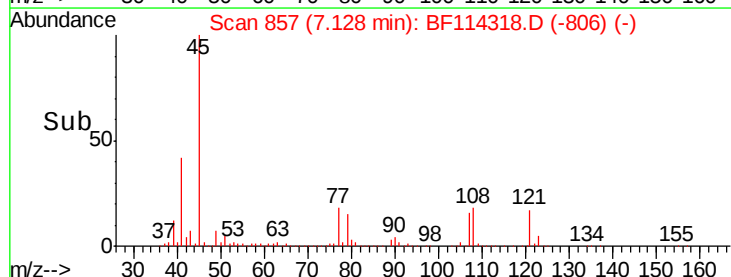
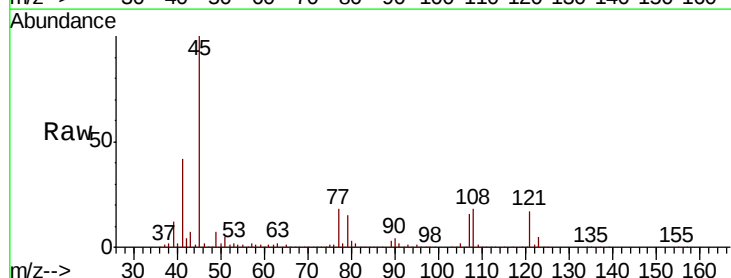
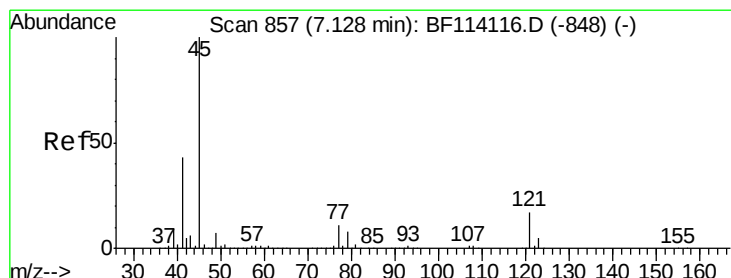
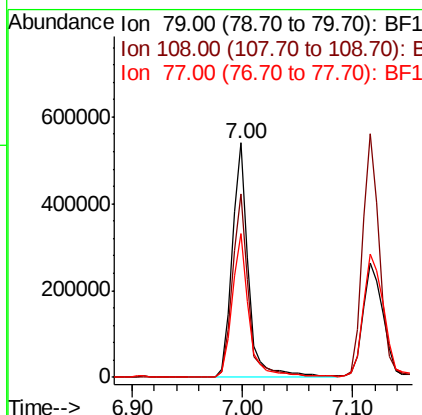
#15
Benzyl Alcohol
Concen: 43.728 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	62.1	93.1
77	61.3	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

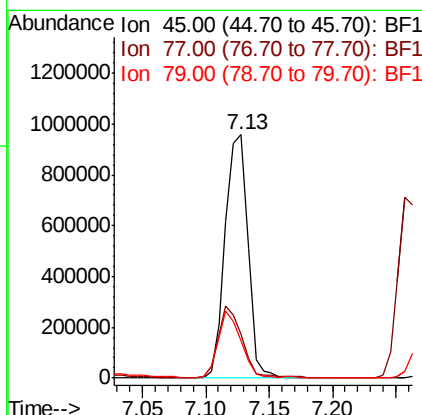
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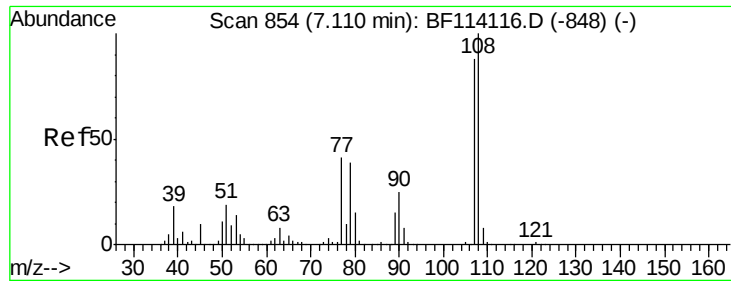
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.698 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	31.1
79	15.4	0.0	28.4





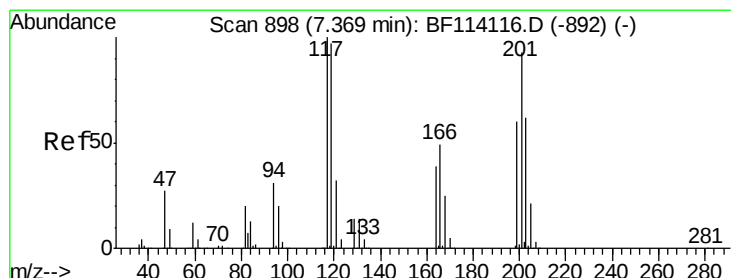
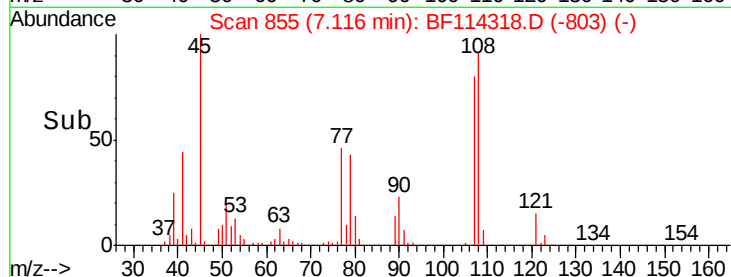
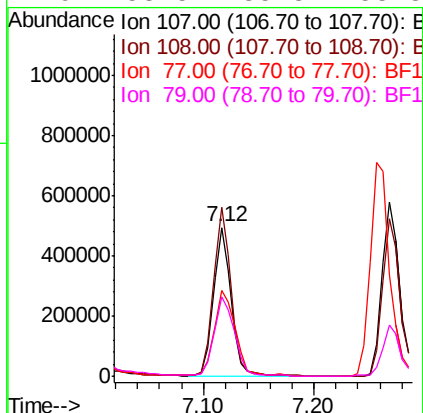
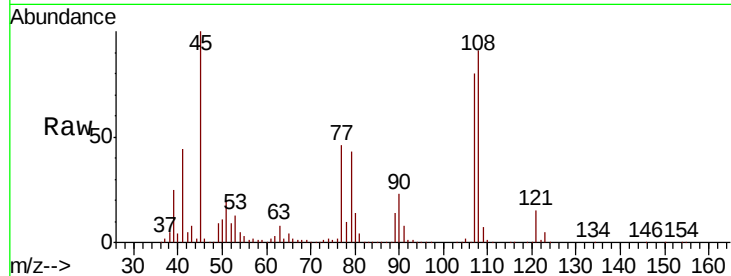
#17
2-Methylphenol
Concen: 43.924 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion:	107	Resp:	537079
Ion Ratio	Lower	Upper	
107	100		
108	113.4	90.5	135.7
77	57.3	37.0	55.4
79	53.5	35.8	53.8

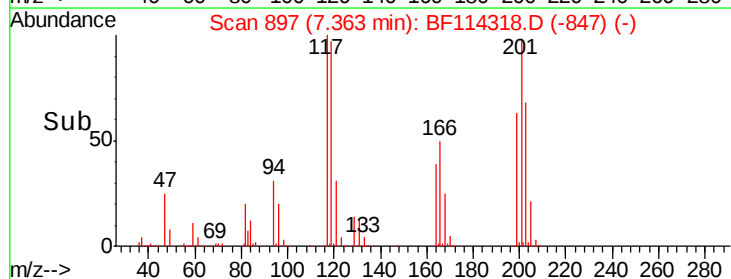
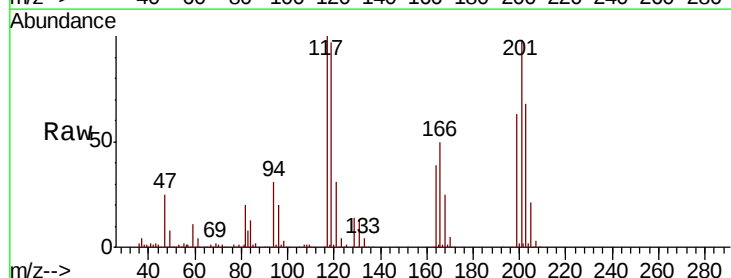
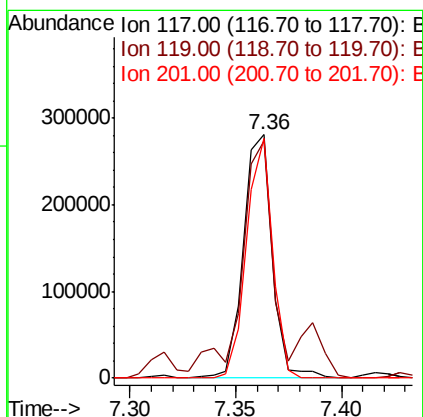
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#18
Hexachloroethane
Concen: 42.016 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:	117	Resp:	265540
Ion Ratio	Lower	Upper	
117	100		
119	97.2	77.4	116.2
201	98.4	74.5	111.7





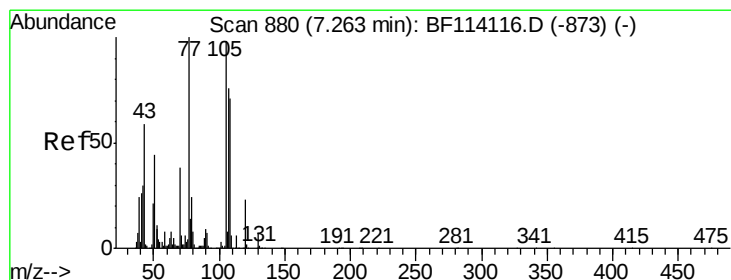
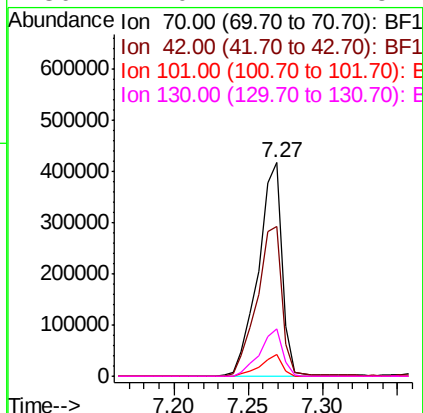
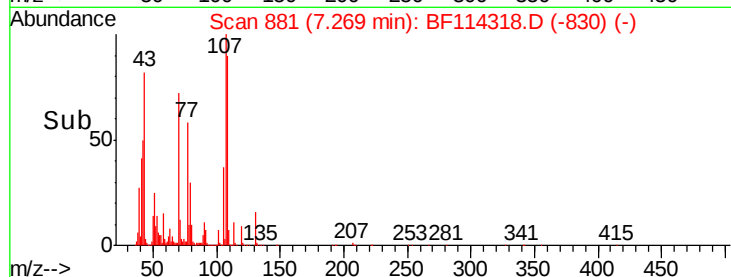
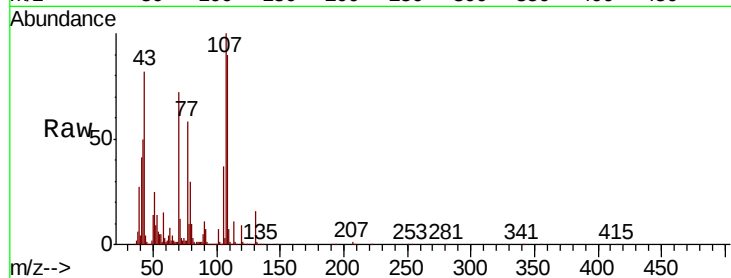
#19
n-Nitroso-di-n-propylamine
Concen: 43.552 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.3	58.6	87.8
101	10.0	7.8	11.8
130	22.0	17.1	25.7

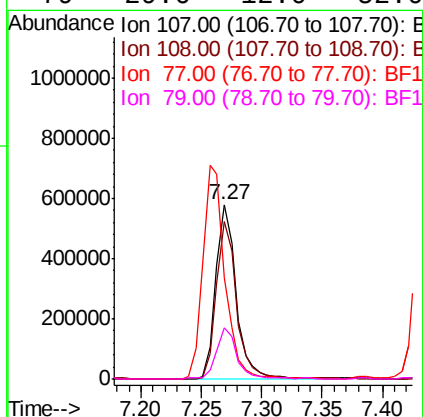
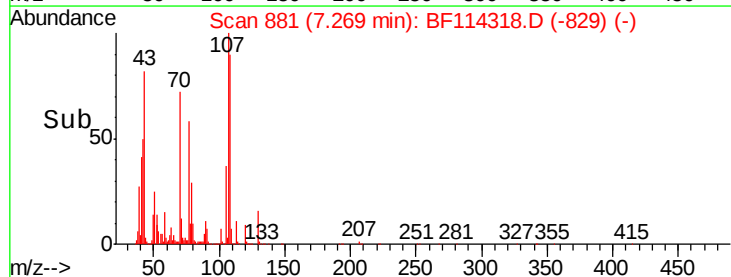
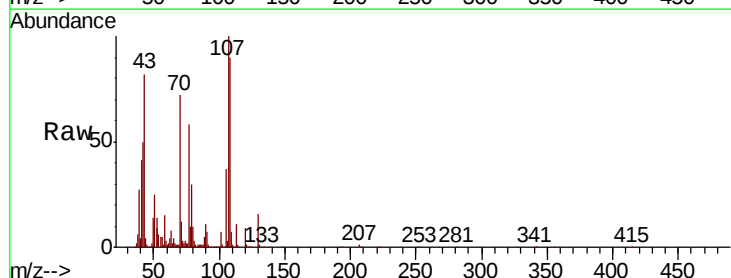
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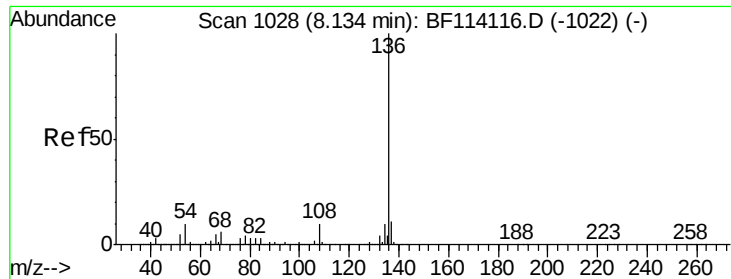
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#20
3+4-Methylphenols
Concen: 47.351 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	73.8	113.8
77	58.1	111.5	151.5#
79	29.6	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

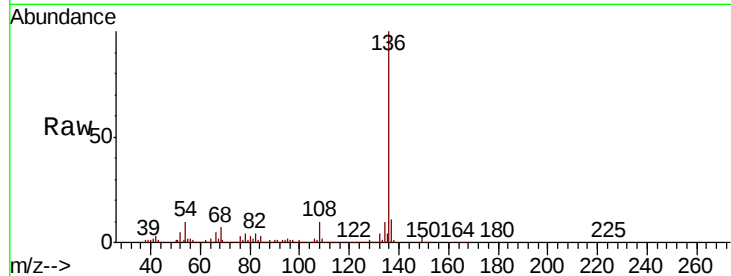
ClientSampleId :

RO-COMP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		815866		
137	11.5		8.8	13.2	
54	9.6		7.8	11.8	
68	6.9		5.1	7.7	

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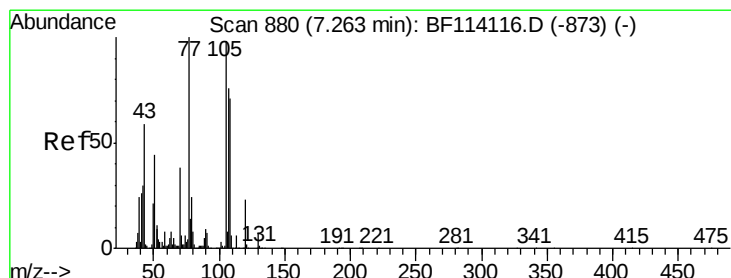
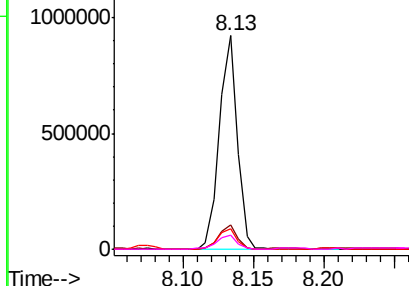
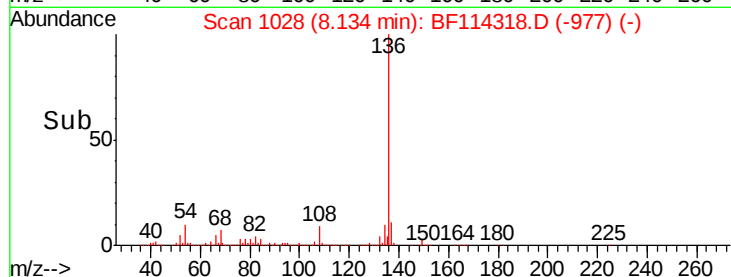
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 49.634 ng

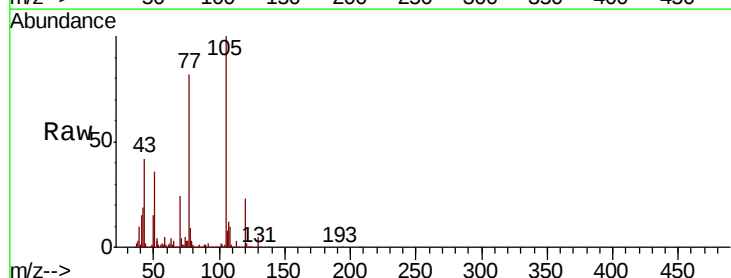
RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		897084		
71	4.2		5.3	7.9#	
51	35.9		36.2	54.4#	
120	22.7		18.6	28.0	



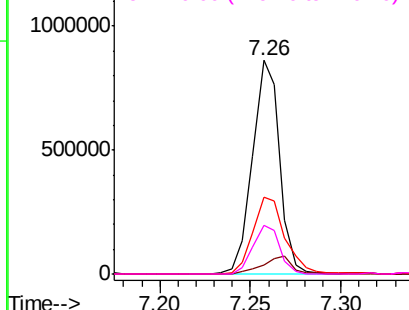
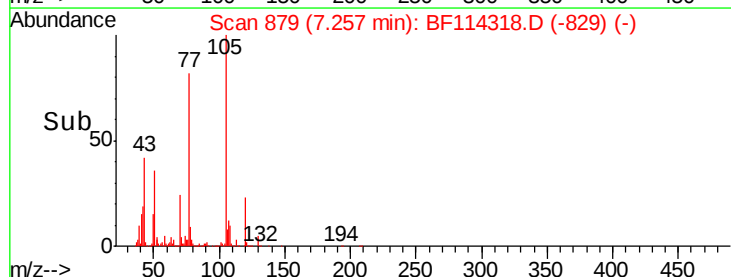
Abundance

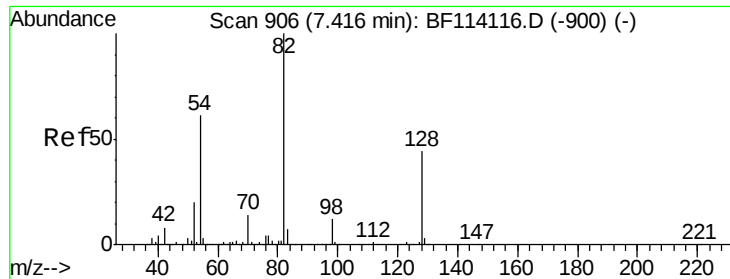
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





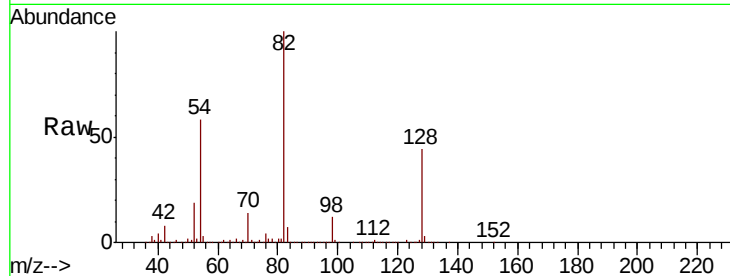
#23
 Nitrobenzene-d5
 Concen: 94.092 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion	82	Resp	1367904
Ion Ratio	100	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	58.4	48.5	72.7

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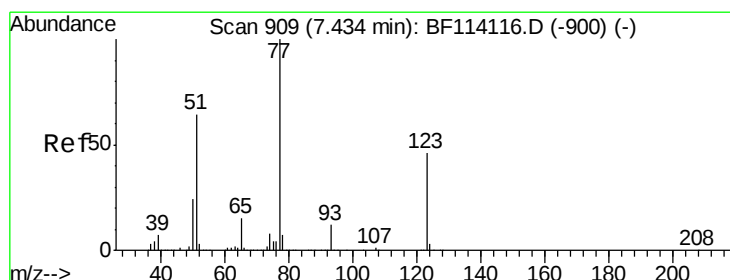
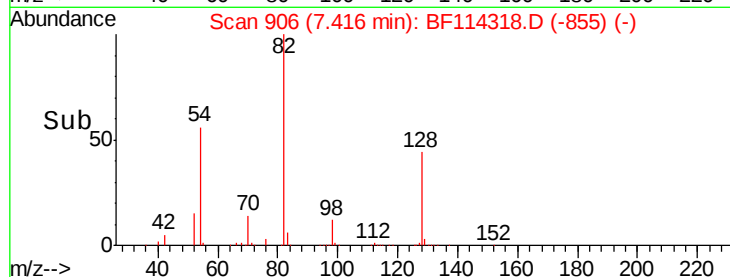
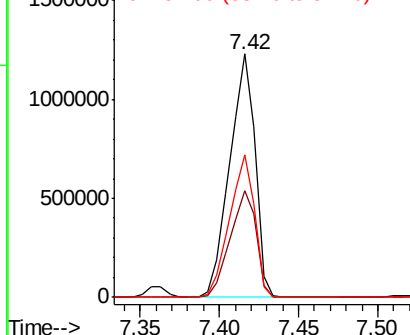


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 47.912 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

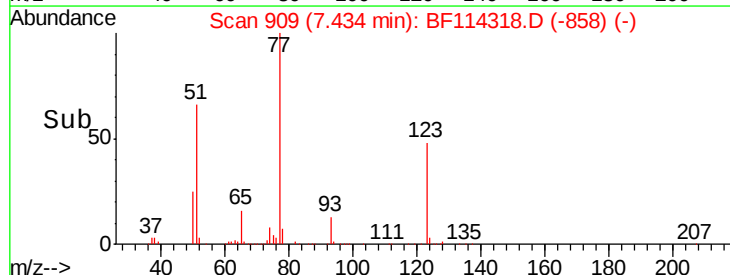
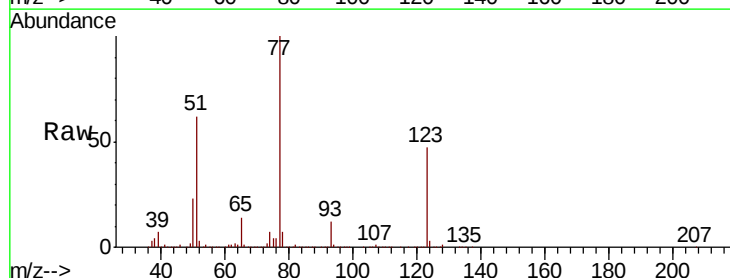
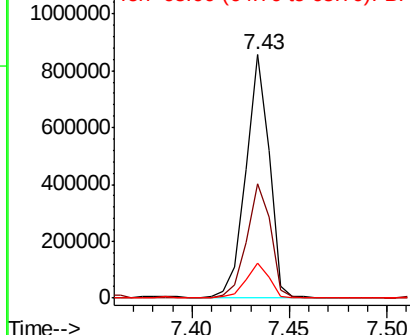
Tgt Ion	77	Resp	709425
Ion Ratio	100	Lower	Upper
77	100		
123	47.0	36.9	55.3
65	14.4	11.8	17.6

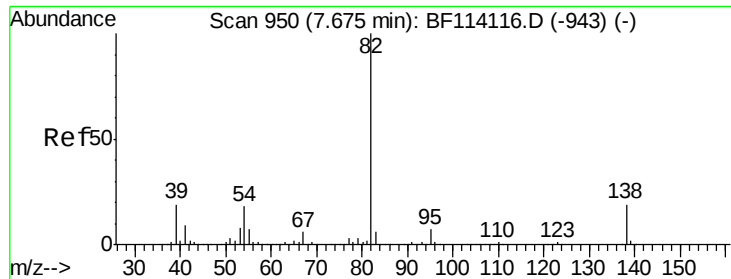
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.594 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion: 82 Resp: 1283227

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

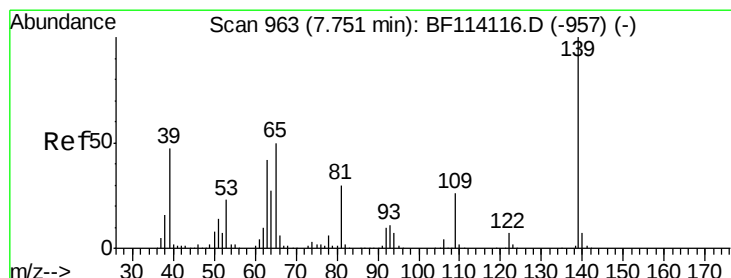
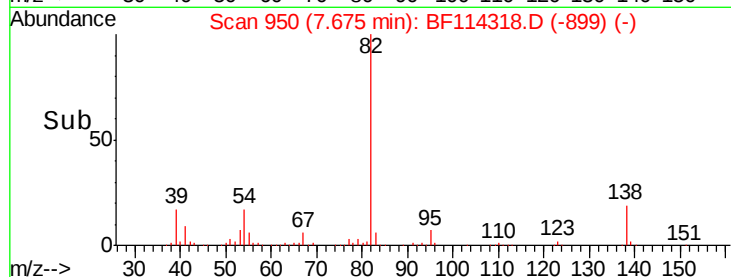
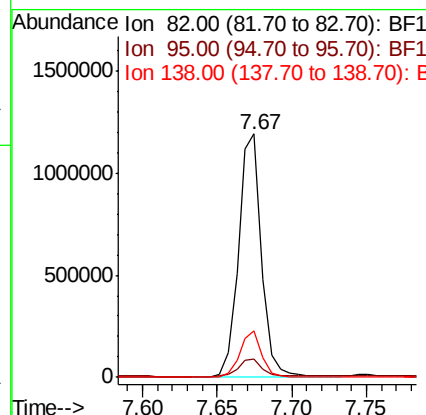
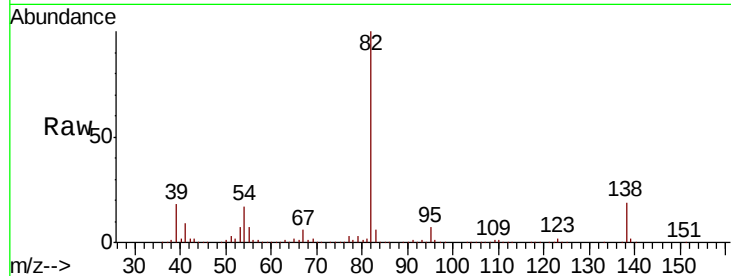
138 19.1 14.8 22.2

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#26

2-Nitrophenol

Concen: 50.011 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

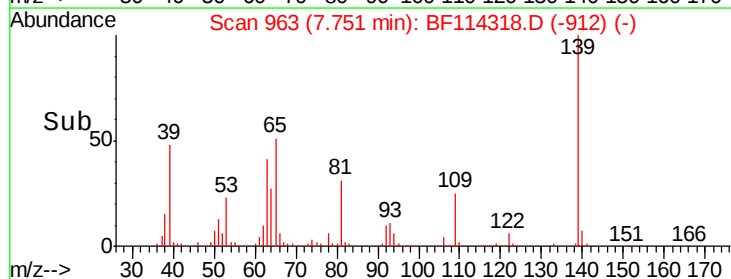
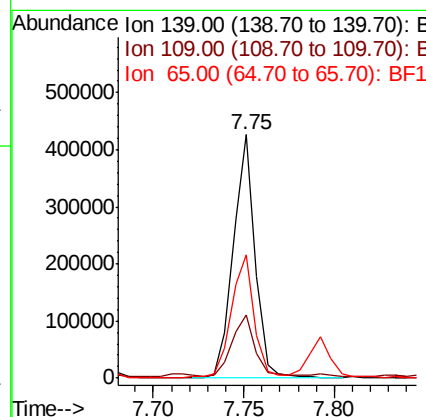
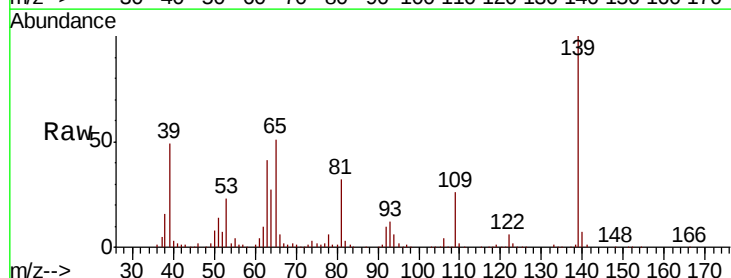
Tgt Ion: 139 Resp: 359271

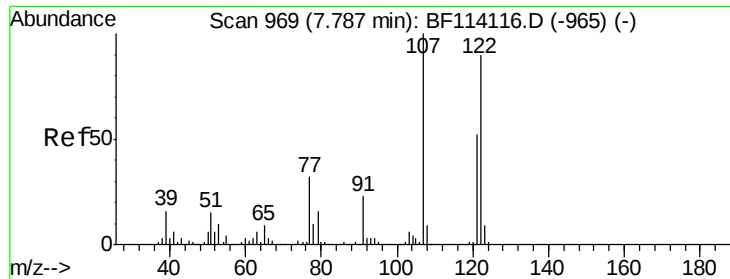
Ion Ratio Lower Upper

139 100

109 26.1 20.7 31.1

65 50.8 40.2 60.2





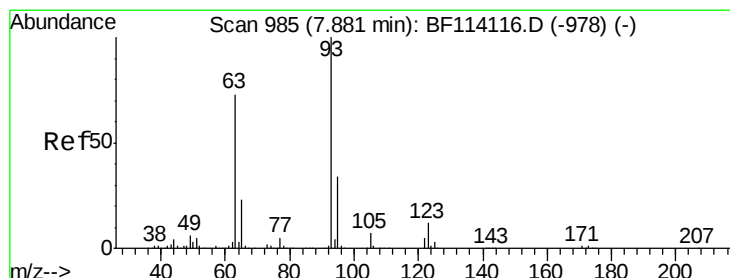
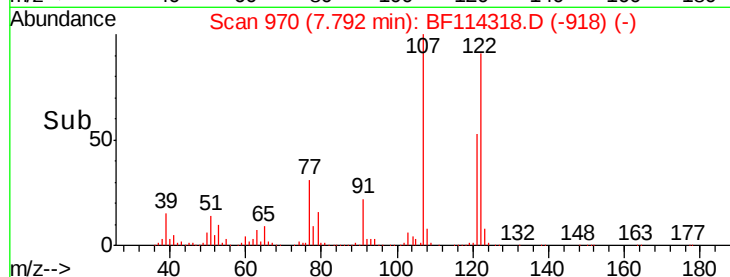
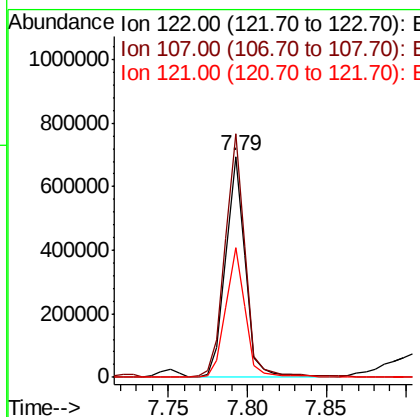
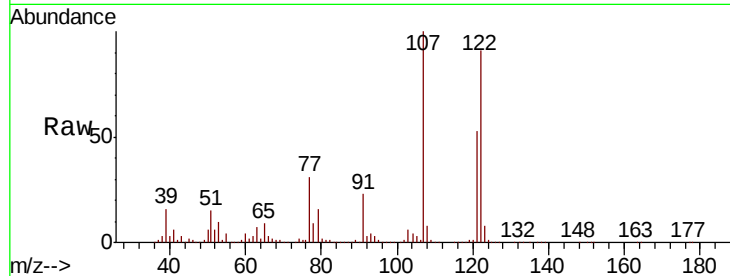
#27
 2,4-Dimethylphenol
 Concen: 52.755 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	595221		
107	110.4	88.4	132.6	
121	58.8	45.9	68.9	

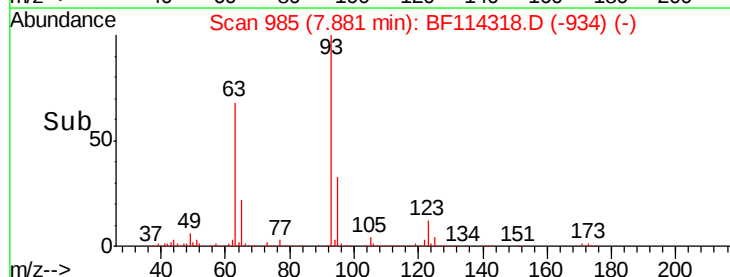
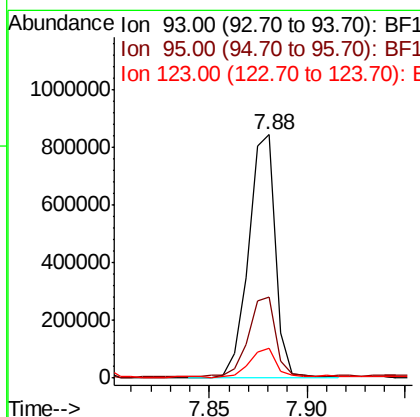
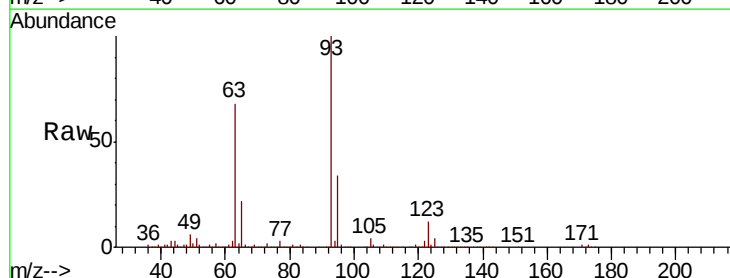
Manual Integrations
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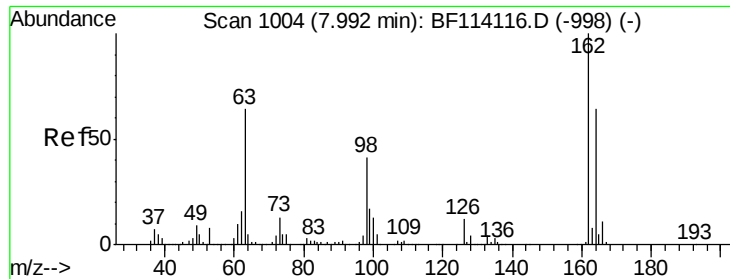
mohammad
 5/17/2019 3:04:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.224 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	808641		
95	33.5	26.8	40.2	
123	12.0	9.5	14.3	





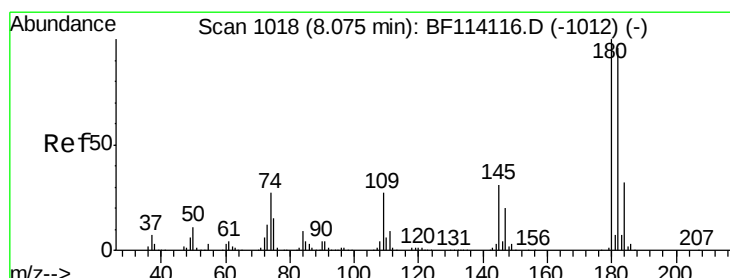
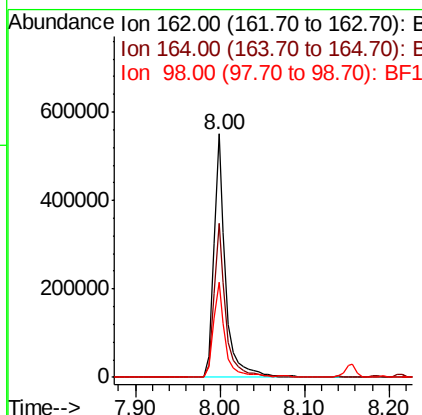
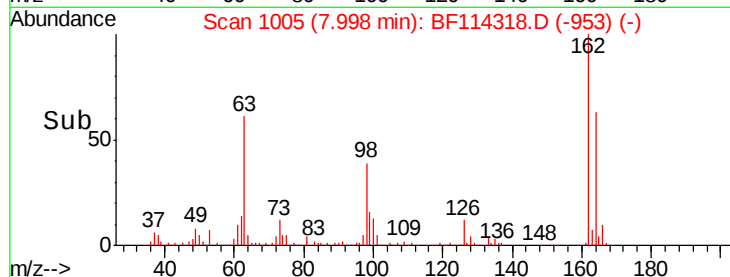
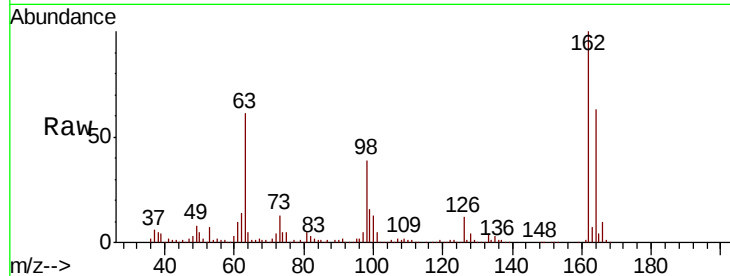
#29
2,4-Dichlorophenol
Concen: 48.608 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	546109		
164	63.5	43.6	83.6	
98	39.2	20.6	60.6	

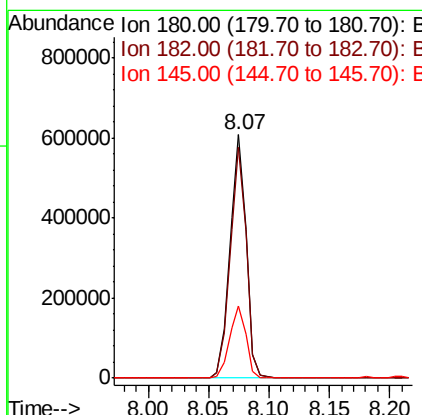
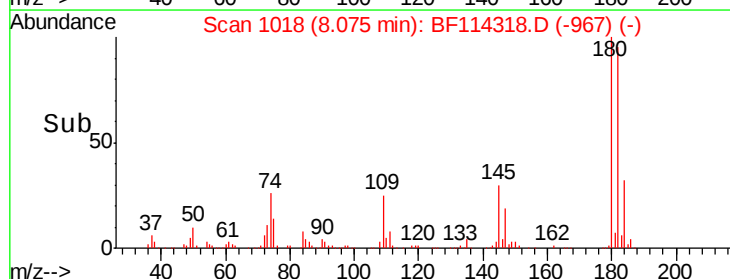
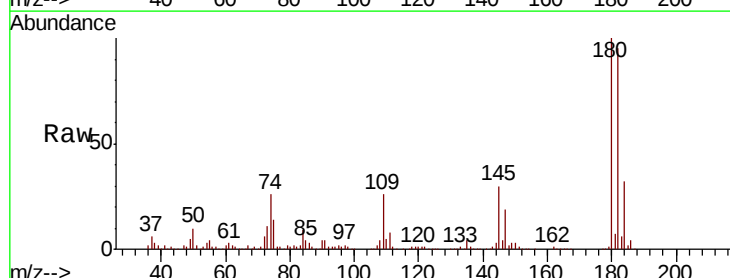
Manual Integrations
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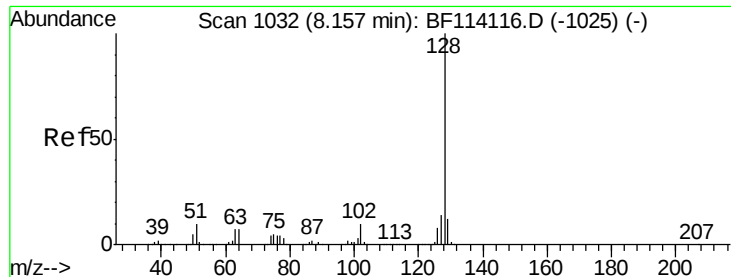
mohammad
5/17/2019 3:04:04 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.175 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	564359		
182	94.8	76.6	114.8	
145	29.8	25.1	37.7	





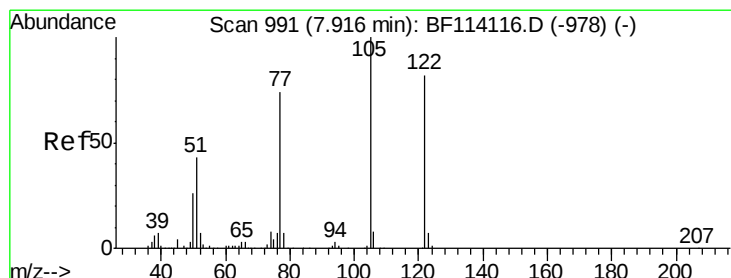
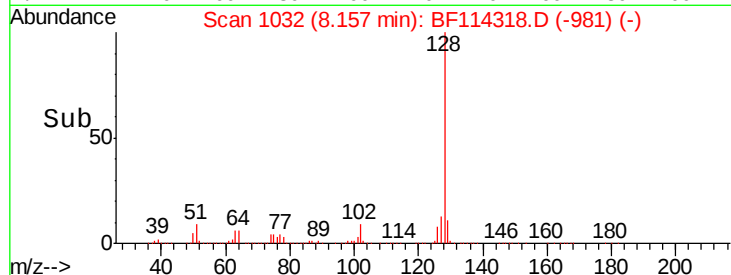
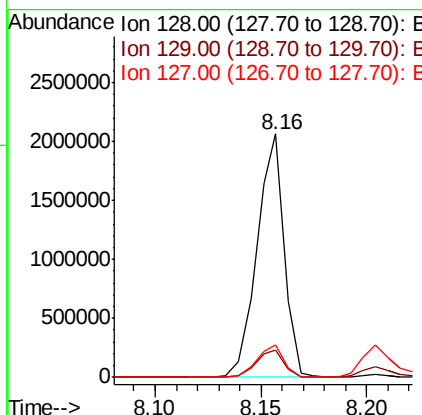
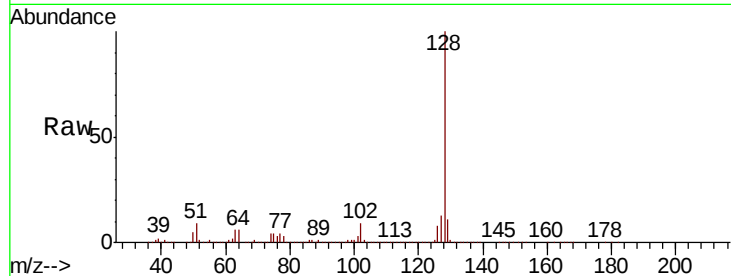
#31
Naphthalene
Concen: 48.441 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.4	11.3	16.9

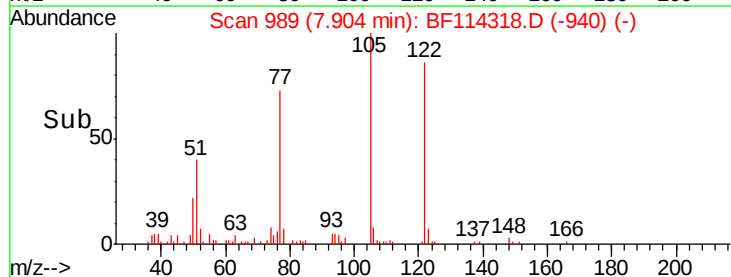
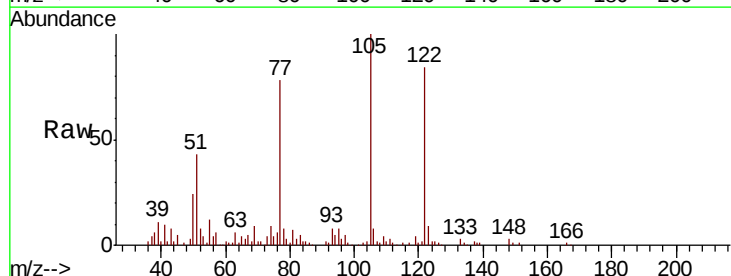
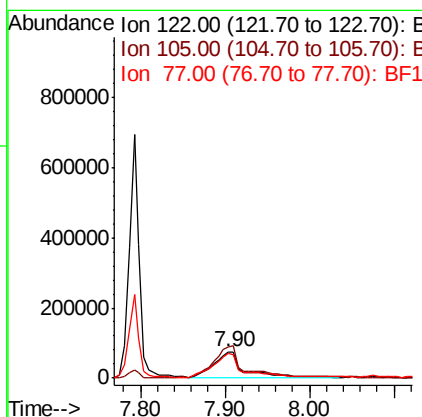
Manual Integrations
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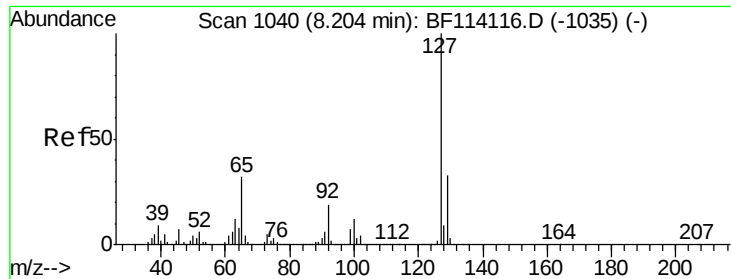
mohammad
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#32
Benzoic acid
Concen: 25.808 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	99.9	139.9
77	92.7	69.4	109.4





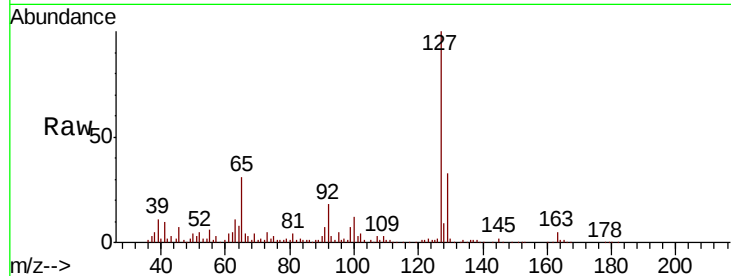
#33
4-Chloroaniline
Concen: 17.123 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.8	26.7	40.1
65	31.5	25.4	38.0
92	18.0	15.4	23.2

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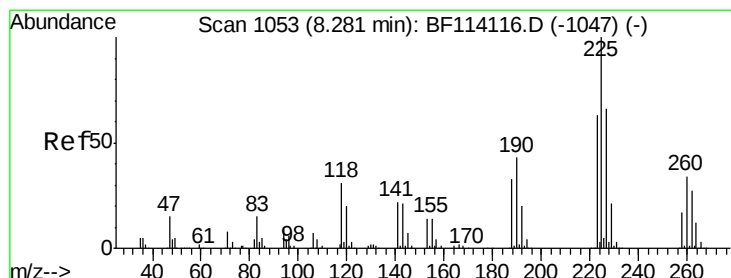
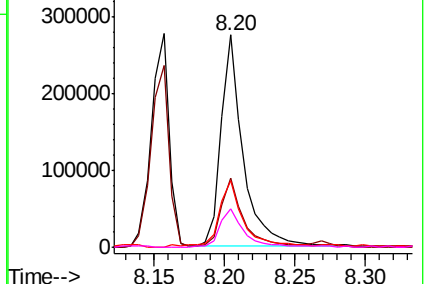
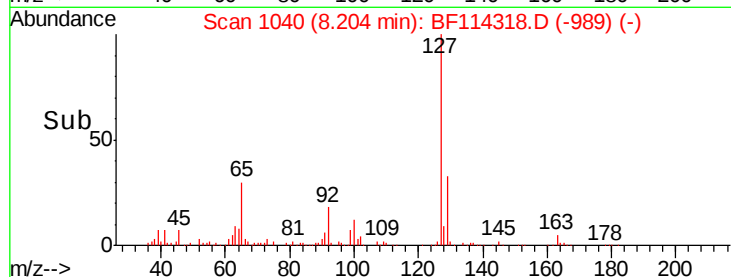
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

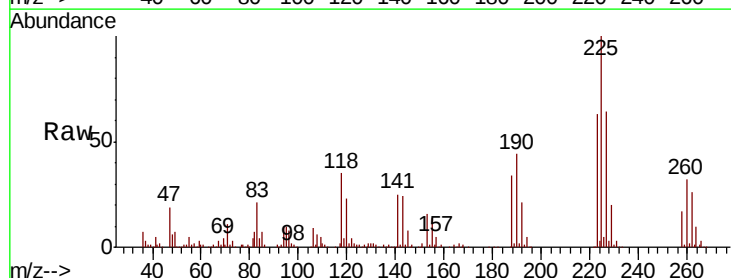
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.681 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.9	50.2	75.2
227	64.4	52.6	79.0

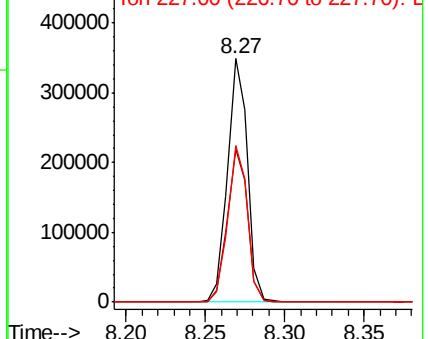
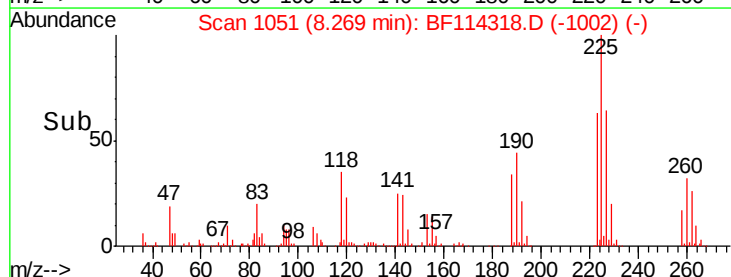


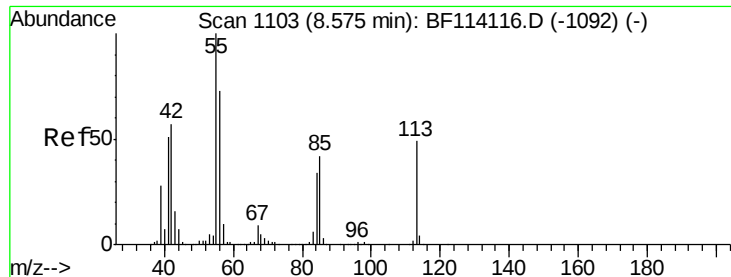
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





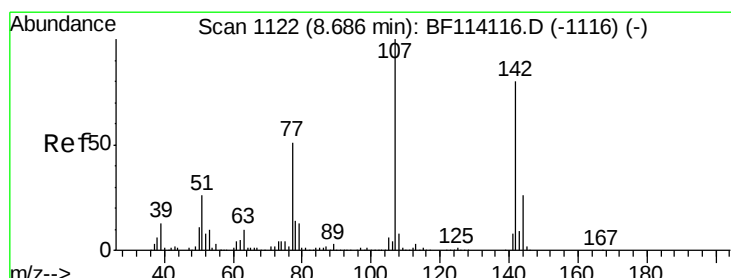
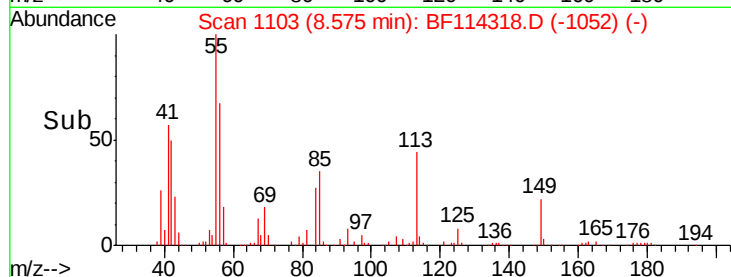
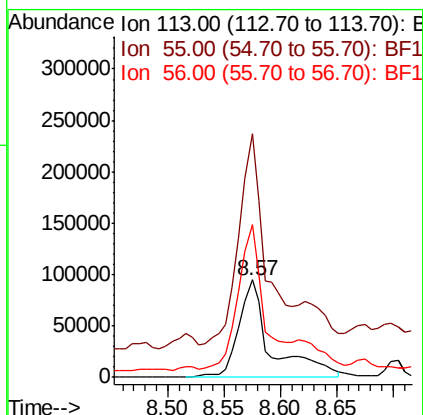
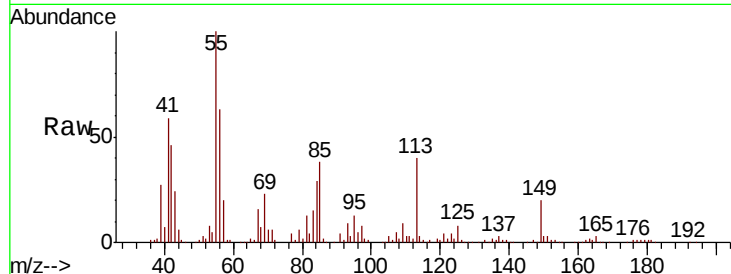
#35
Caprolactam
Concen: 50.957 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	250.3	183.5	223.5#
56	156.9	128.8	168.8

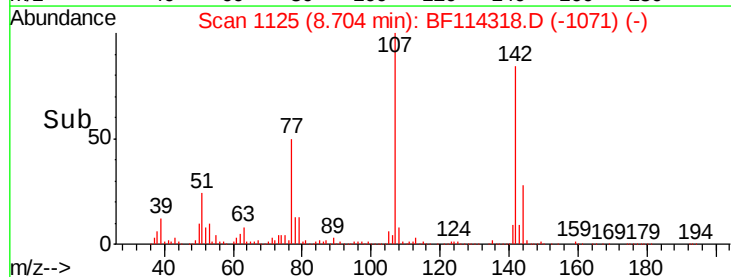
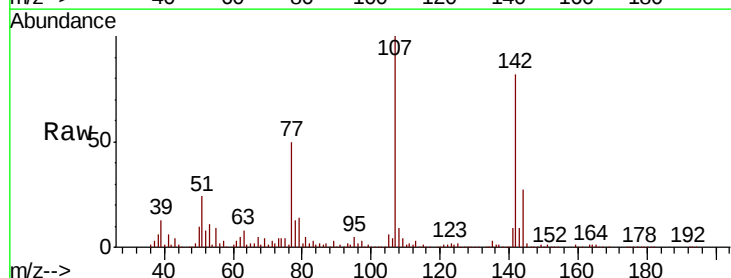
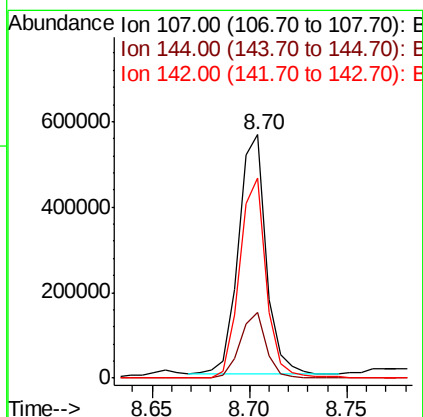
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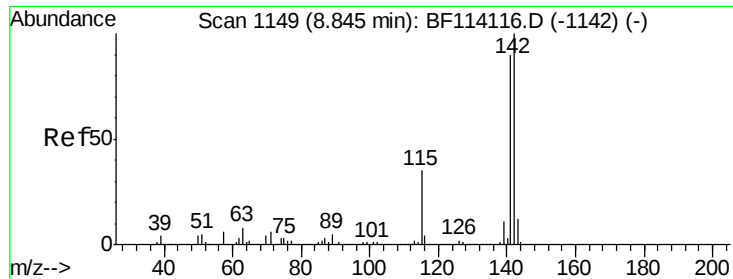
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.275 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.4	30.6
142	82.3	64.2	96.4





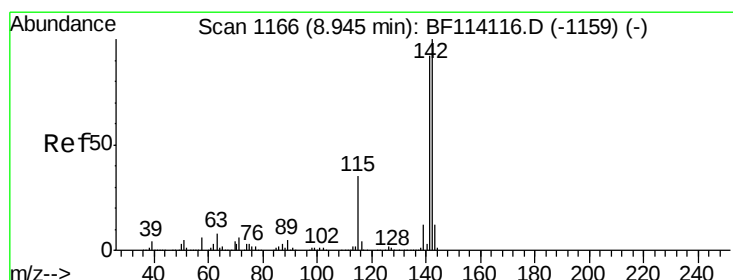
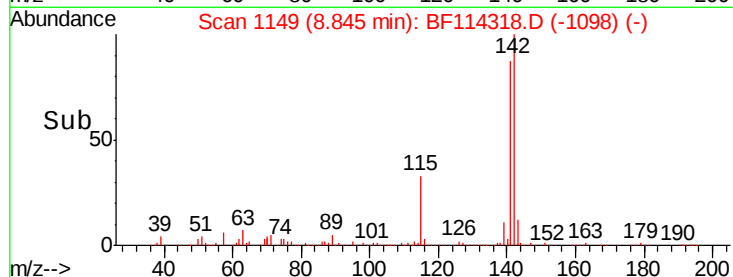
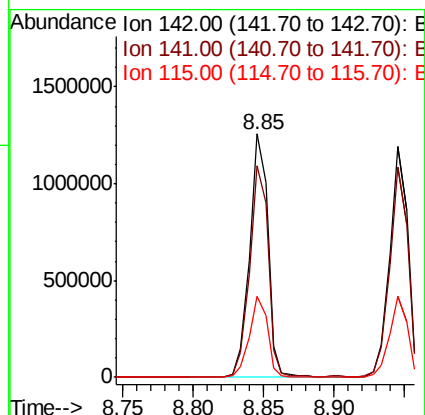
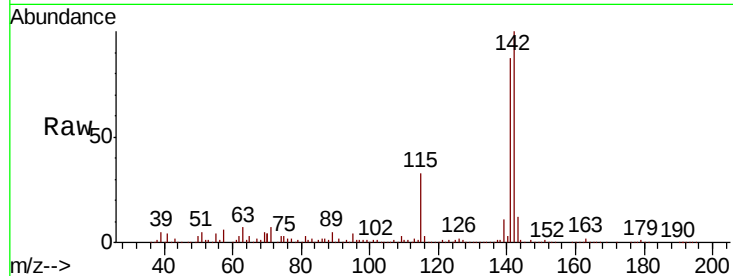
#37
2-Methylnaphthalene
Concen: 46.704 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion:142 Resp: 1148389
Ion Ratio Lower Upper
142 100
141 86.8 72.1 108.1
115 33.3 28.0 42.0

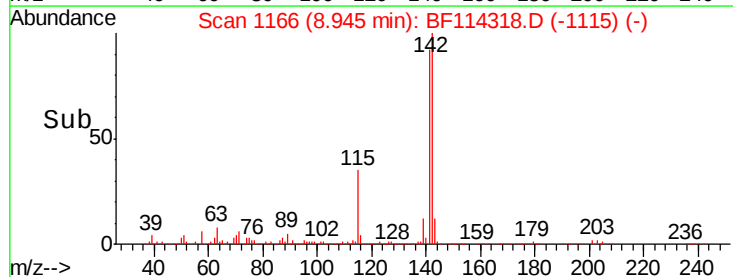
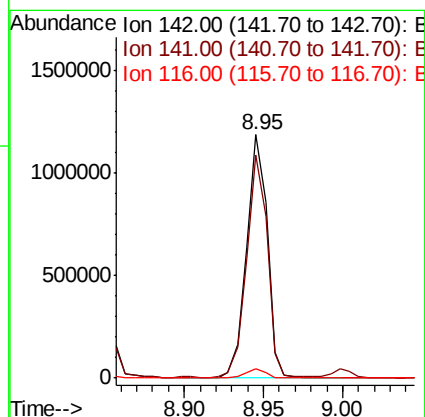
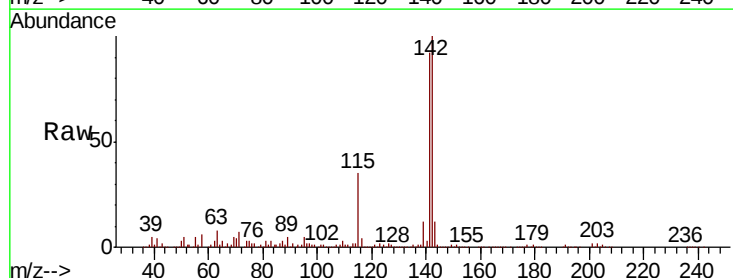
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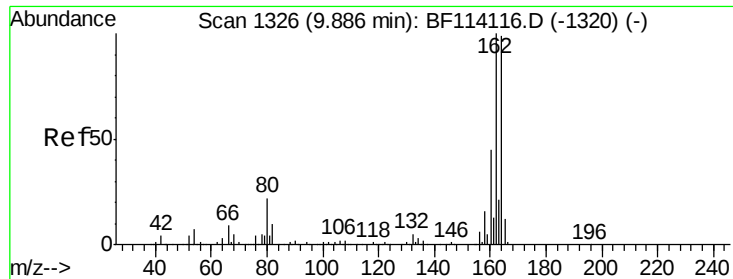
mohammad
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#38
1-Methylnaphthalene
Concen: 46.094 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:142 Resp: 1067339
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0
116 3.8 3.1 4.7





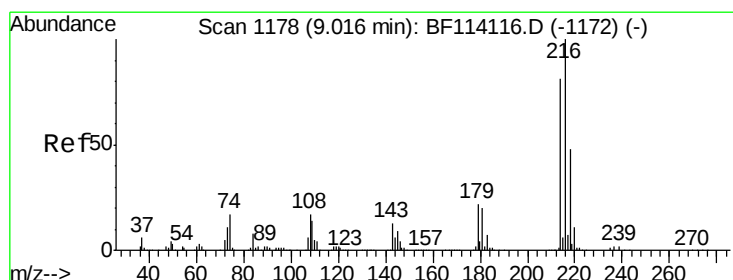
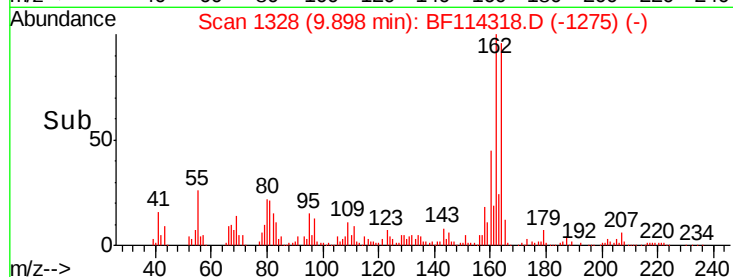
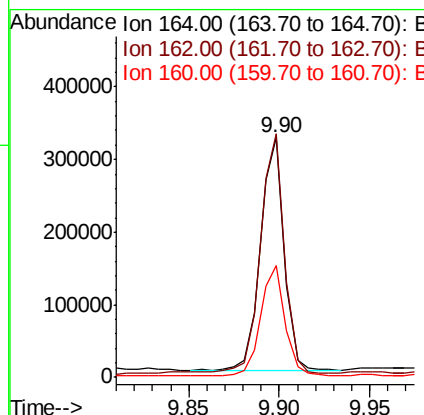
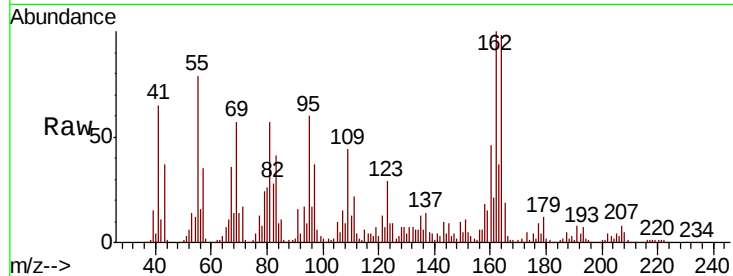
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	46.4	36.5	54.7

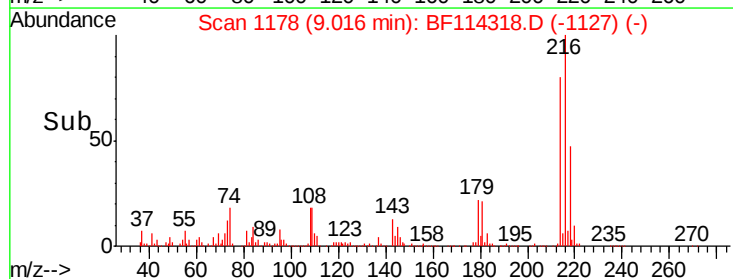
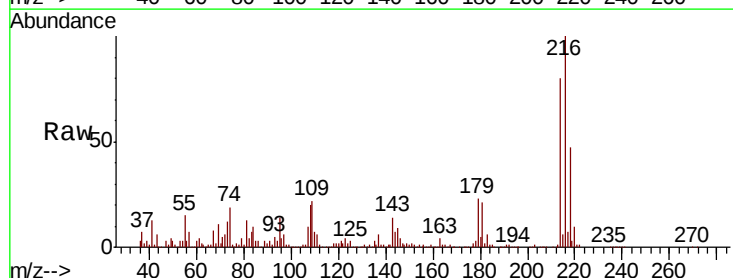
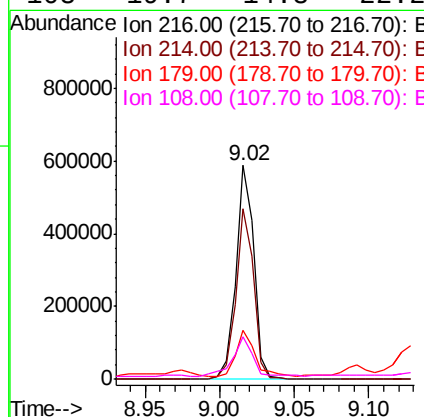
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.082 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.9	95.9
179	22.4	17.0	25.6
108	19.7	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 68.808 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

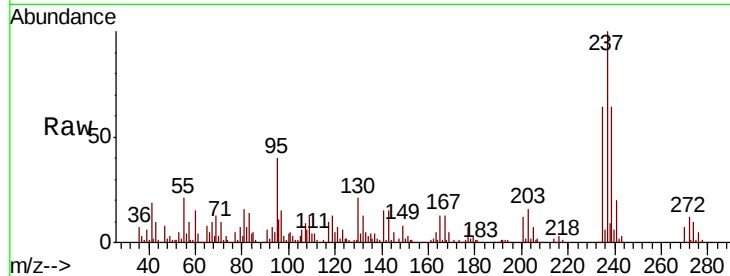
ClientSampleId :

RO-COMP-1MS

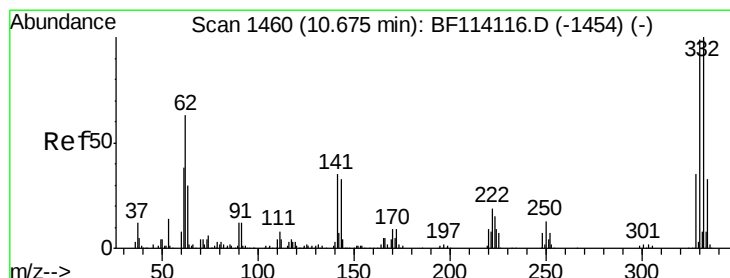
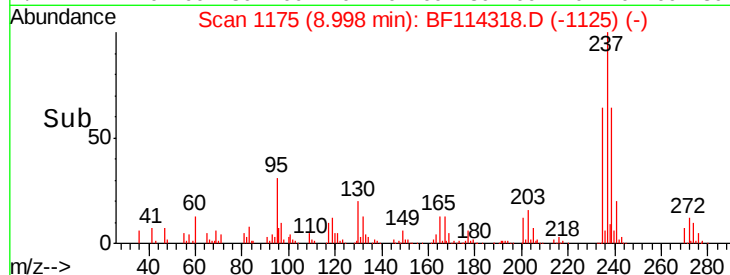
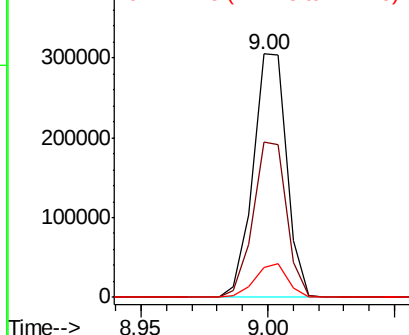
Tot Ion:	237	Resp:	282611
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.0	82.0
272	12.2	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 110.044 ng

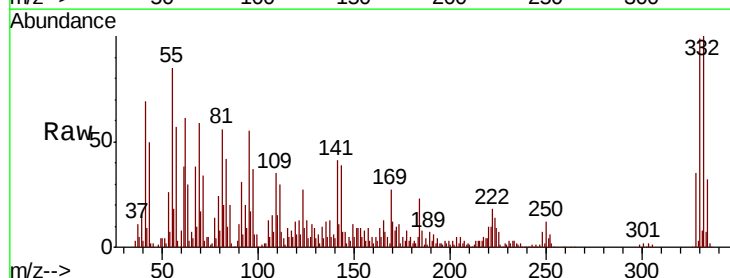
RT: 10.69 min Scan# 1463

Delta R.T. 0.02 min

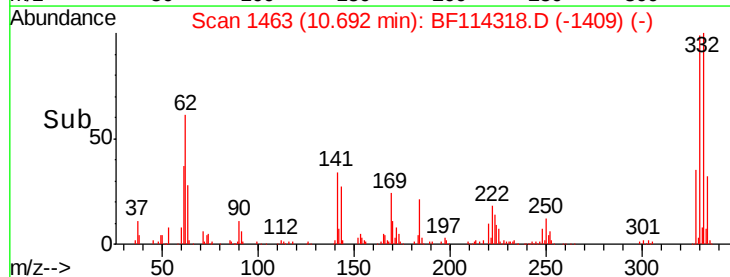
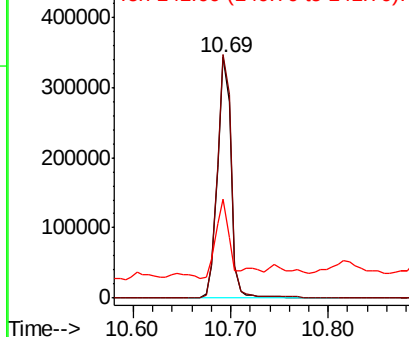
Lab File: BF114318.D

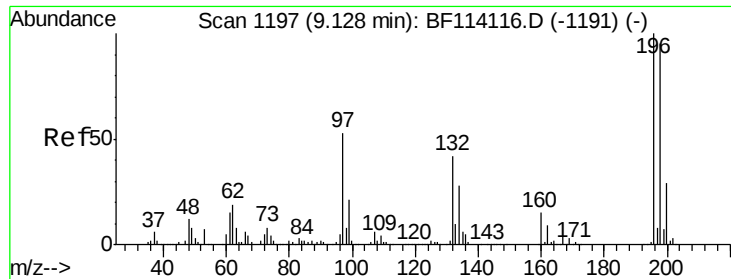
Acq: 16 May 2019 19:20

Tgt Ion:	330	Resp:	334207
Ion Ratio	Lower	Upper	
330	100		
332	101.9	81.4	122.2
141	31.4	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





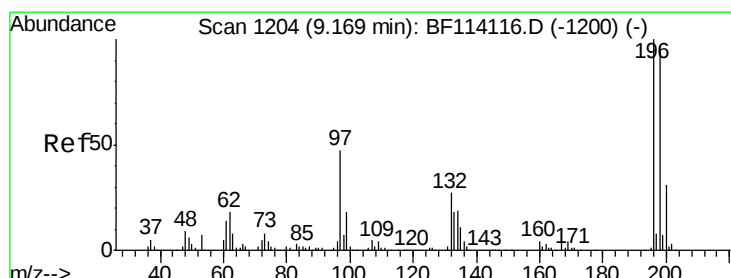
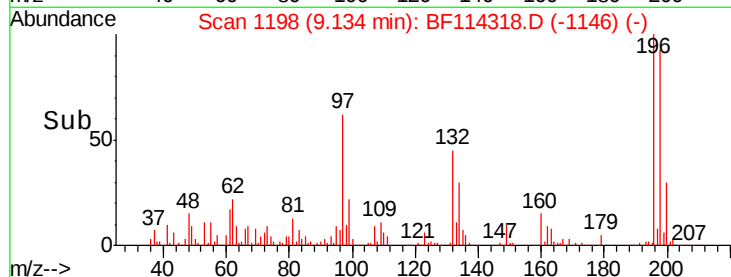
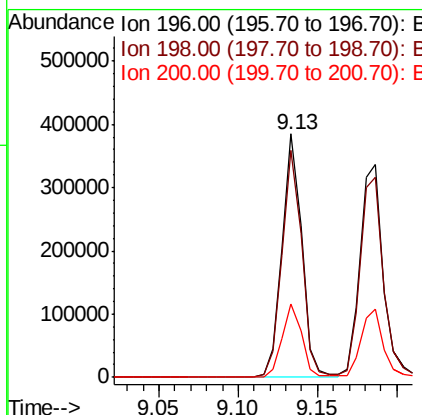
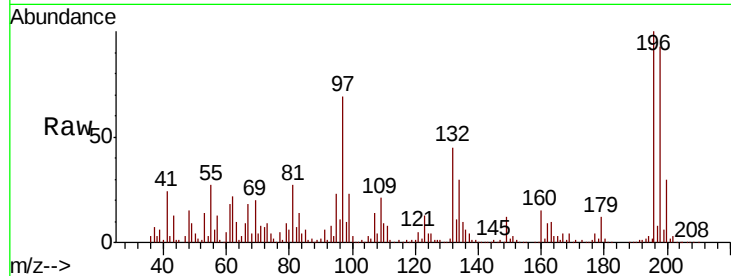
#43
 2,4,6-Trichlorophenol
 Concen: 54.420 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333097		
198	93.0	75.9	113.9	
200	30.0	23.5	35.3	

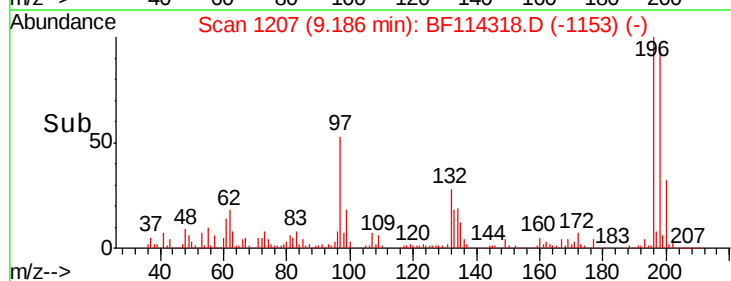
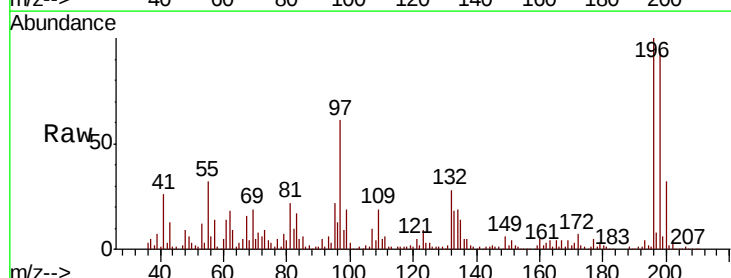
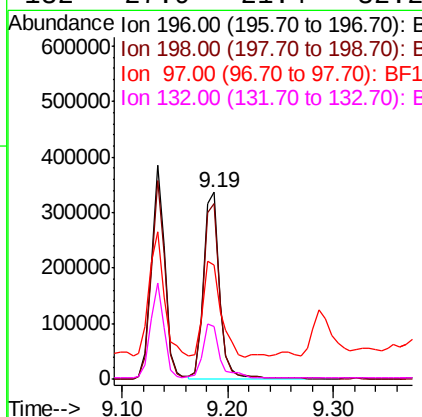
Manual Integrations
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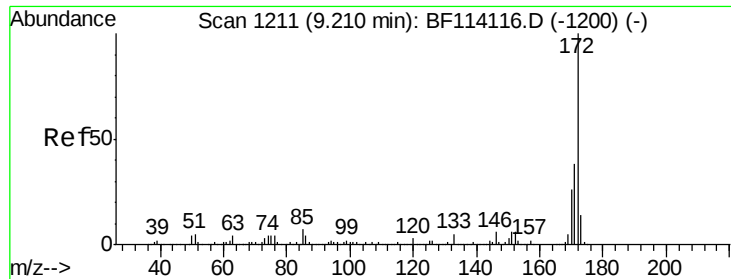
mohammad
 5/17/2019 3:04:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.658 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349373		
198	94.1	77.7	116.5	
97	61.1	38.2	57.2#	
132	27.9	21.4	32.2	





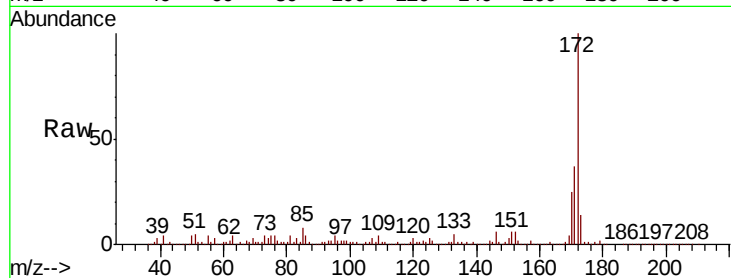
#45
2-Fluorobiphenyl
Concen: 102.891 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.5	20.5	30.7

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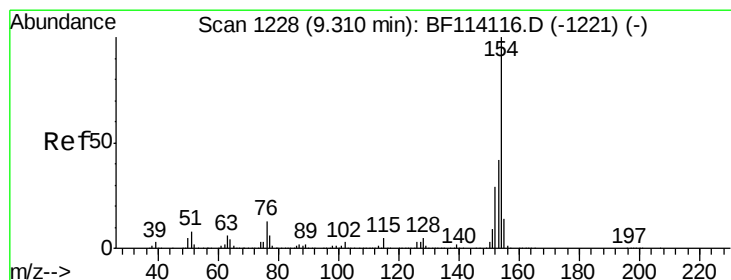
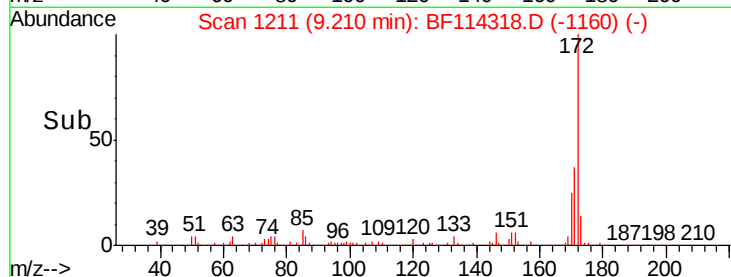
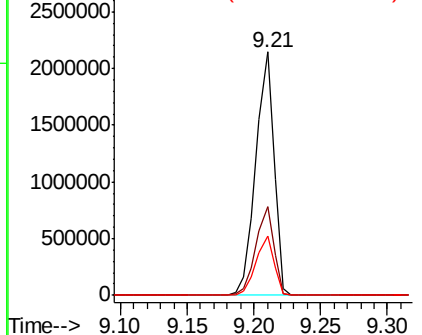


Abundance

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: 54.096 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

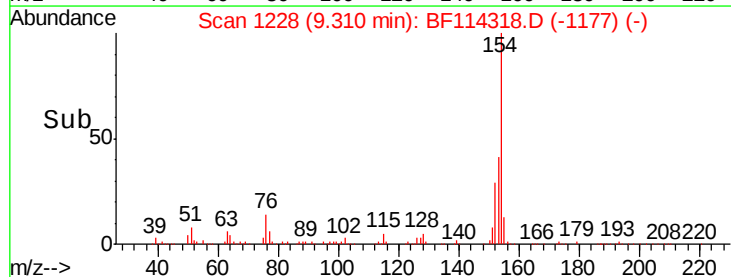
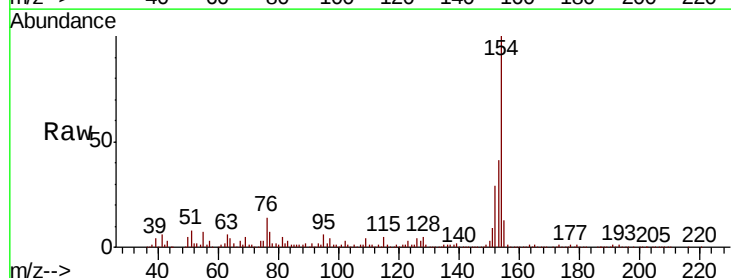
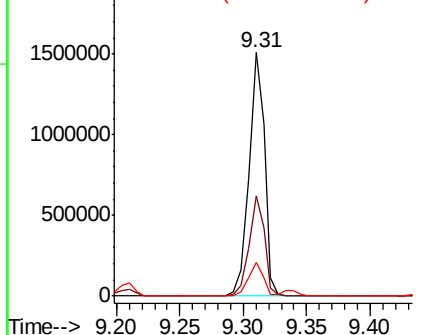
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	13.7	0.0	32.8

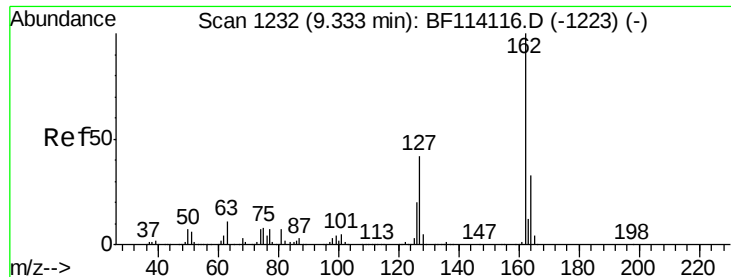
Abundance

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





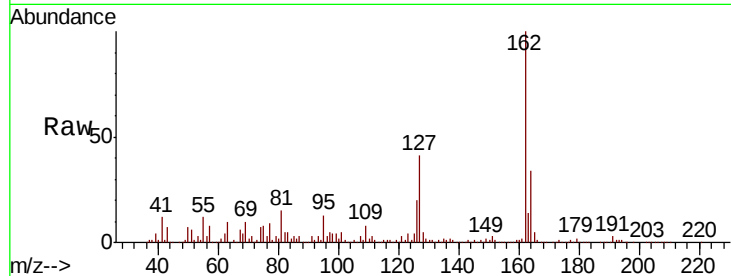
#47
2-Chloronaphthalene
Concen: 50.052 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.1	34.0	51.0
164	34.1	26.7	40.1

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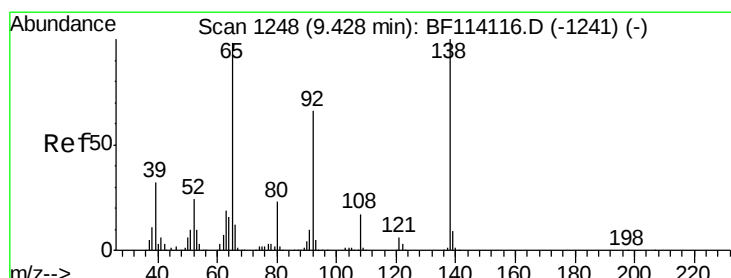
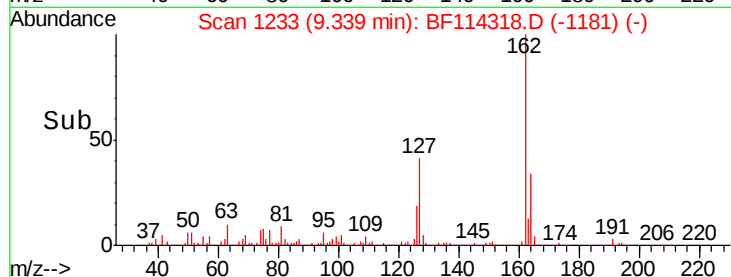
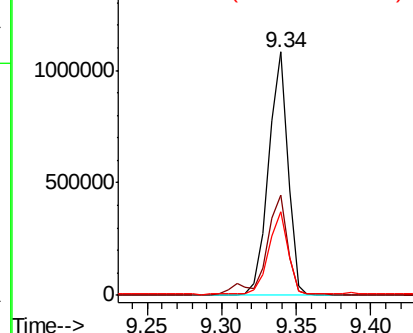


Abundance

Ion 162.00 (161.70 to 162.70): E

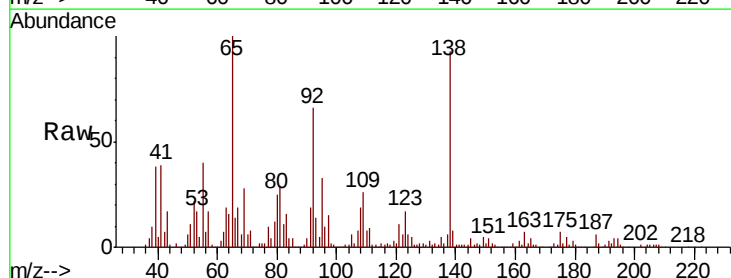
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 53.780 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	65.7	53.9	80.9
138	93.0	81.4	122.0

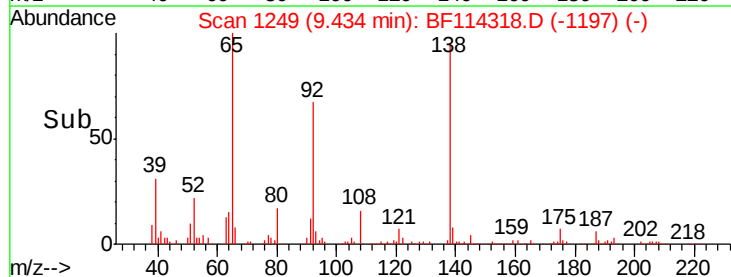
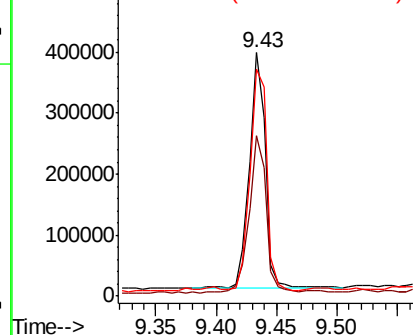


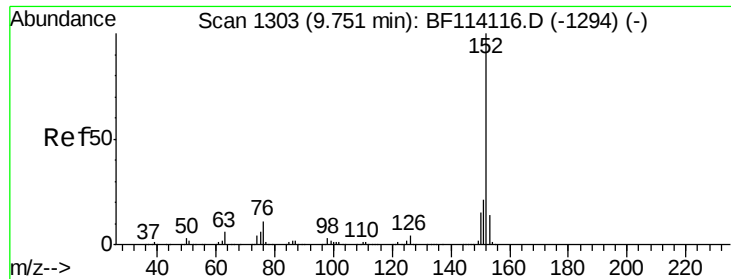
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.725 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:152 Resp: 1386368

Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

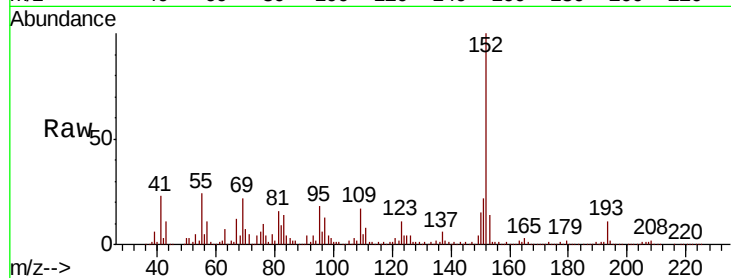
153 14.0 11.4 17.2

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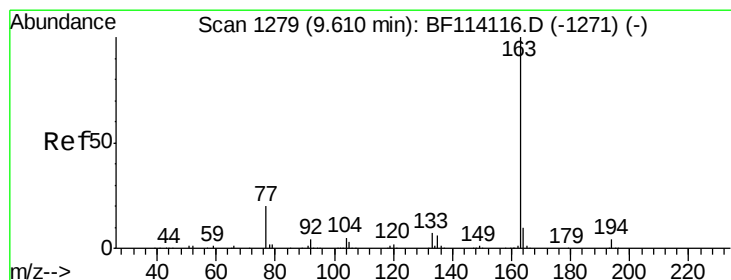
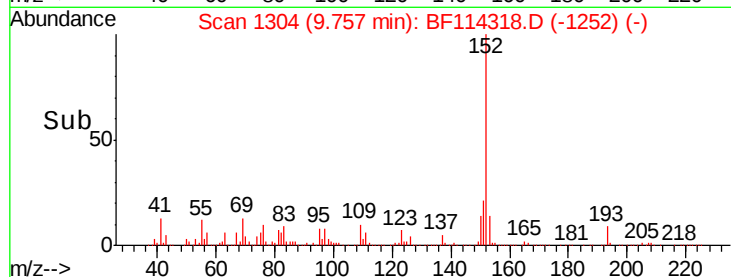
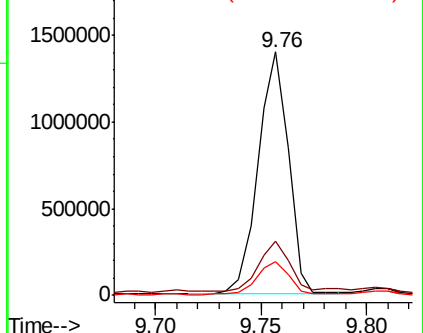
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.650 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

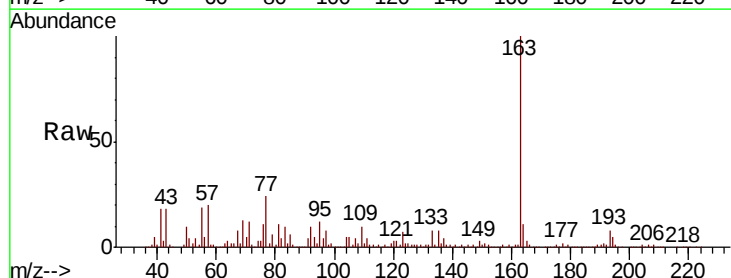
Tgt Ion:163 Resp: 1286363

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.0#

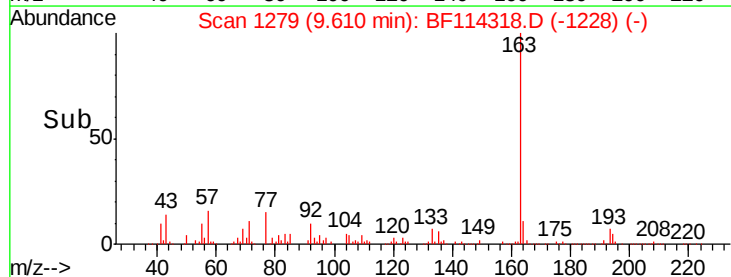
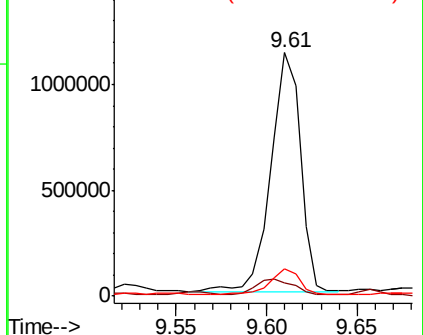
164 11.0 8.2 12.2

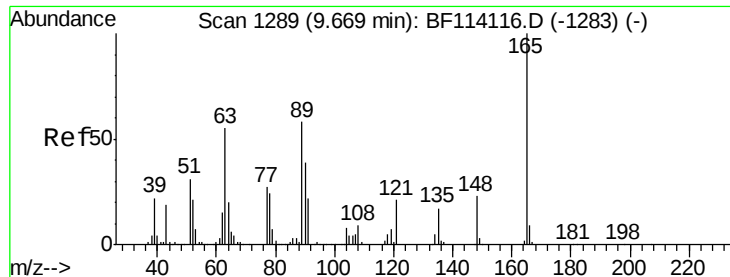


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





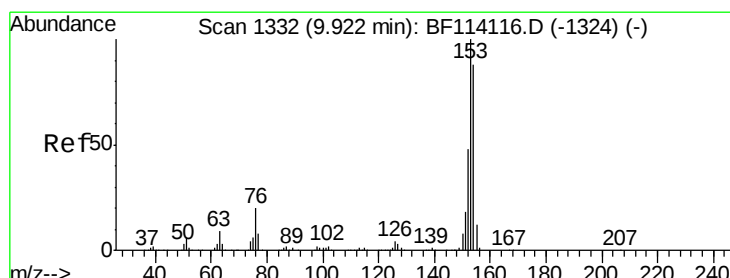
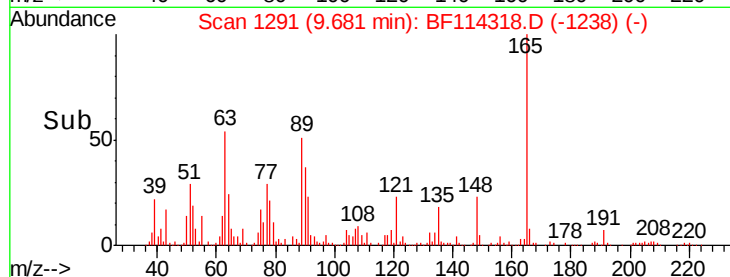
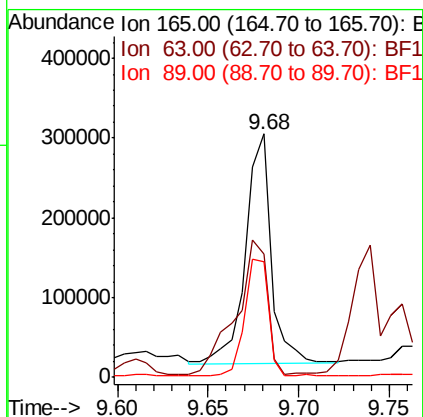
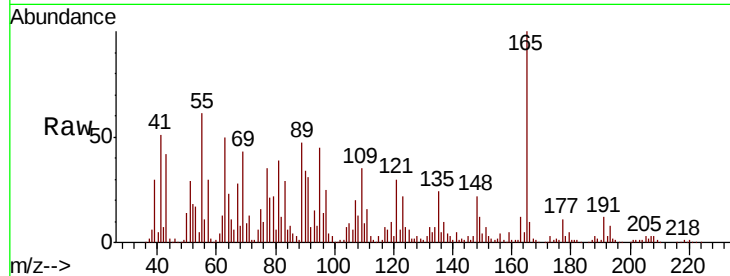
#51
2,6-Dinitrotoluene
Concen: 59.884 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	286430		
63	50.5		50.2	75.4
89	47.4		46.6	69.8

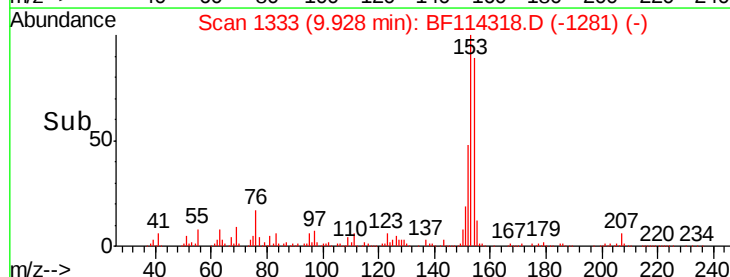
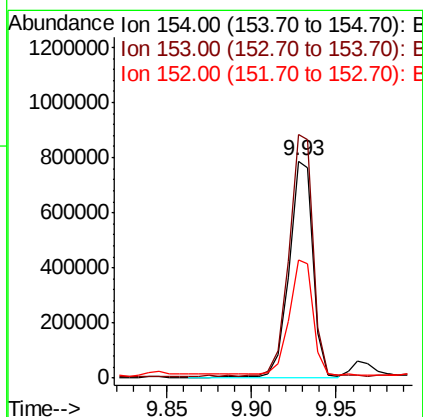
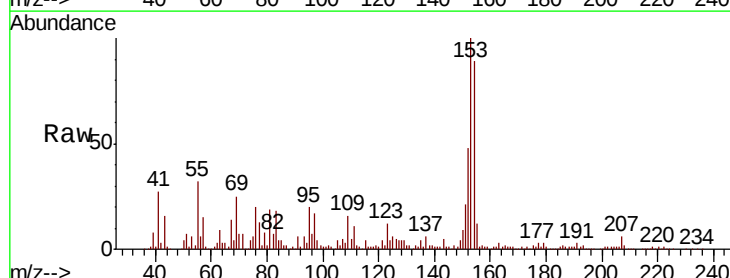
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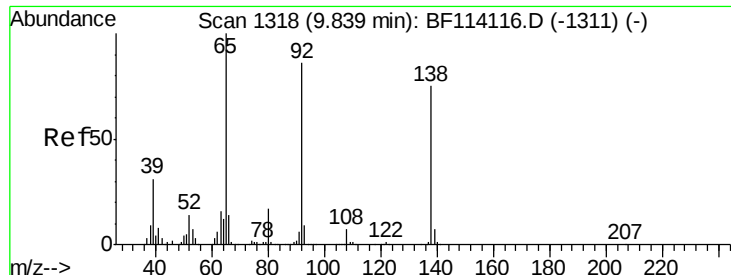
mohammad
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#52
Acenaphthene
Concen: 43.087 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	768057		
153	112.3		90.5	135.7
152	54.4		43.4	65.2





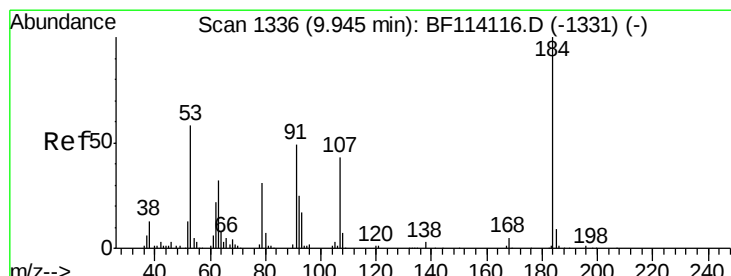
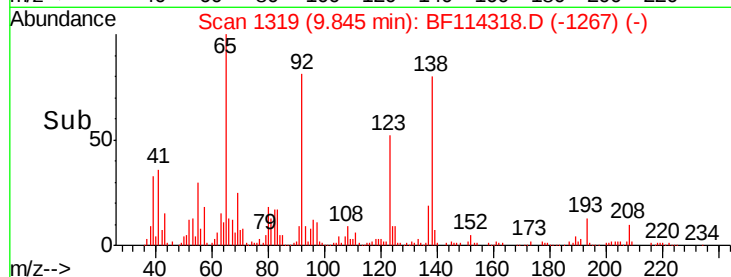
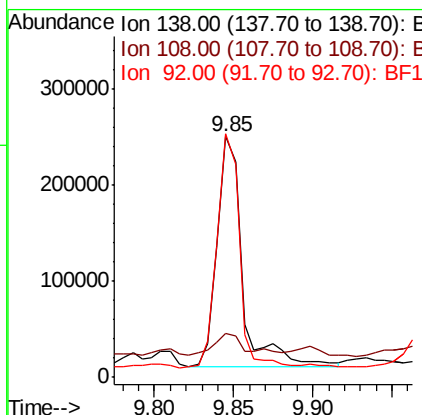
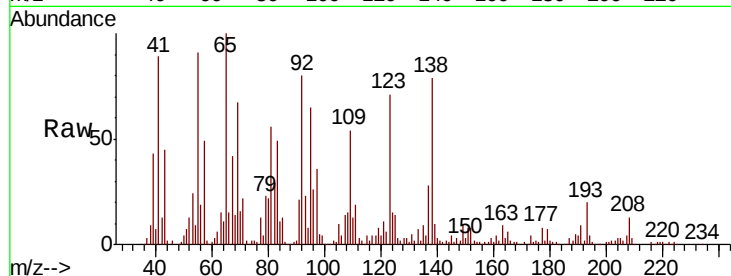
#53
3-Nitroaniline
Concen: 45.596 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	18.4	7.8	11.6#
92	101.1	91.2	136.8

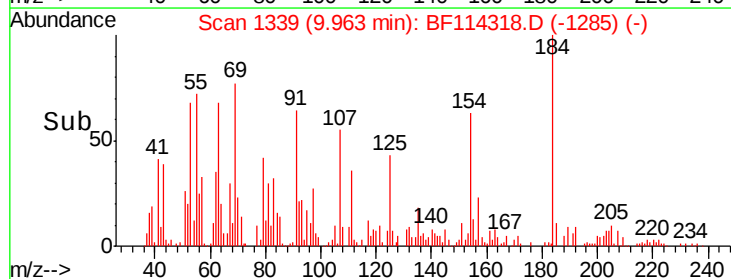
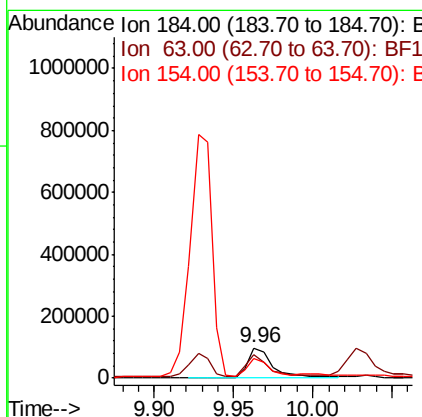
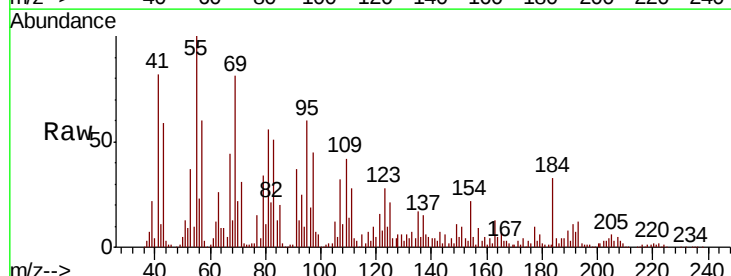
Manual Integrations
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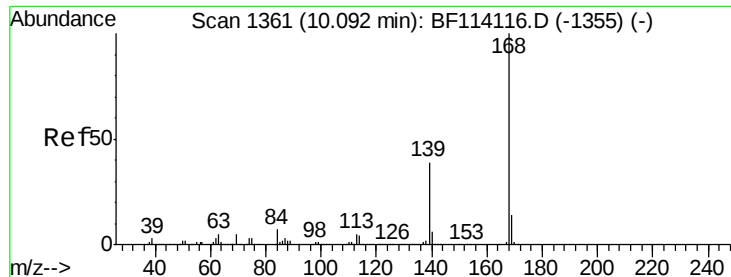
mohammad
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#54
2,4-Dinitrophenol
Concen: 49.424 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.0	55.6	83.4
154	65.3	46.0	69.0





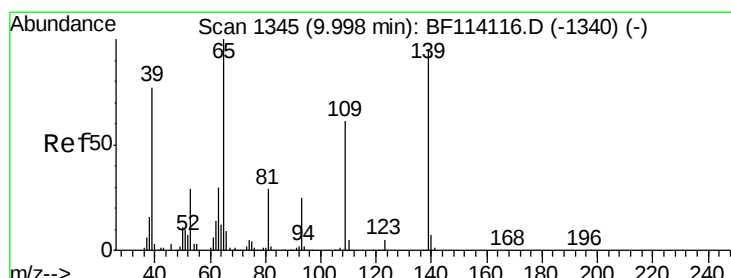
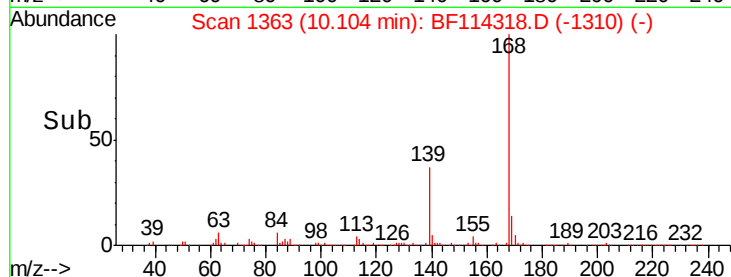
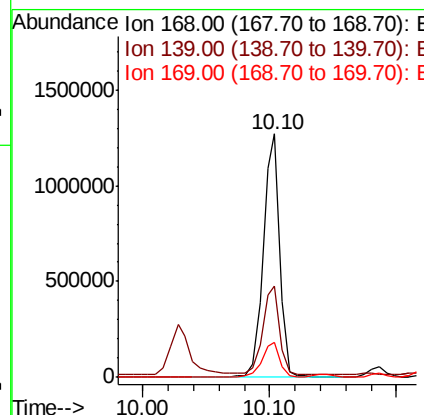
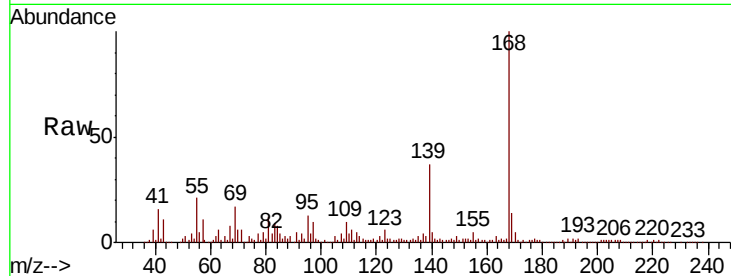
#55
Dibenzofuran
Concen: 44.223 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.1	46.7
169	14.4	11.4	17.0

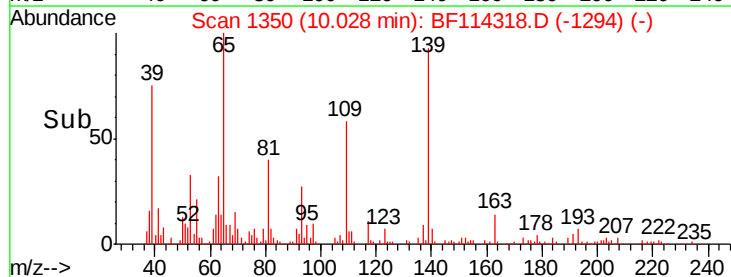
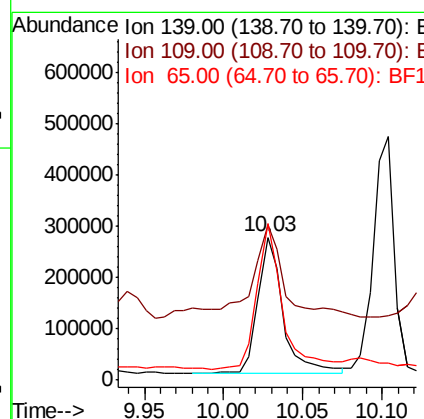
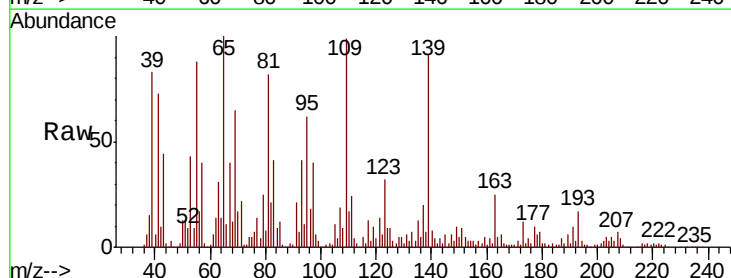
Manual Integrations
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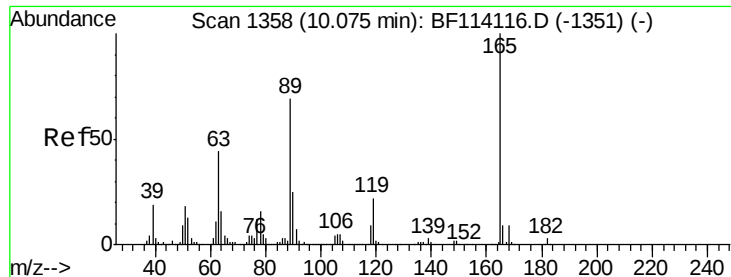
mohammad
5/17/2019 3:04:04 PM



#56
4-Nitrophenol
Concen: 71.098 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.9	43.9	83.9#
65	109.7	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 42.122 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:165 Resp: 273458

Ion Ratio Lower Upper

165 100

63 51.1 35.5 53.3

89 72.9 55.2 82.8

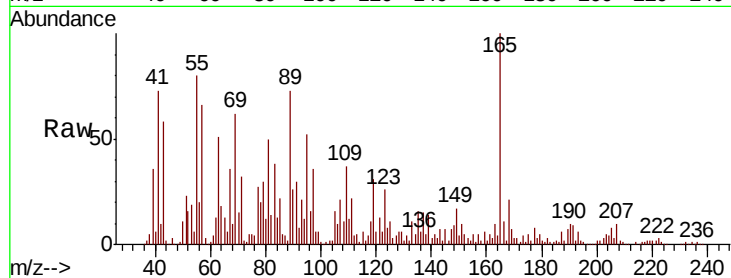
182 2.7 2.2 3.2

Manual Integrations

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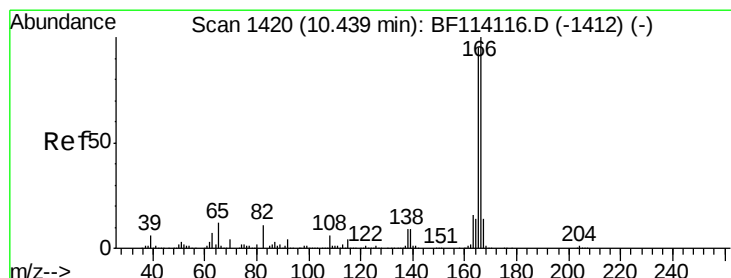
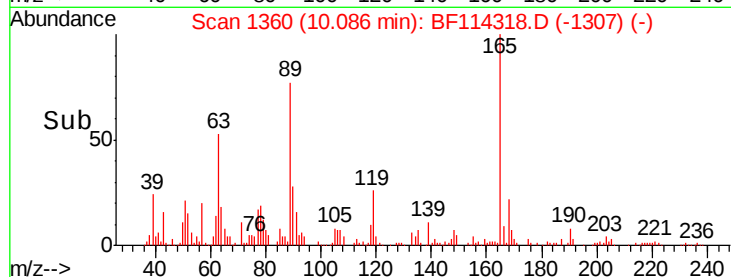
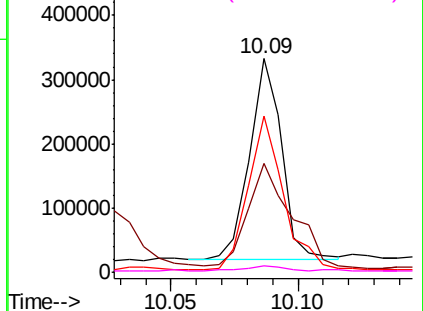


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.361 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

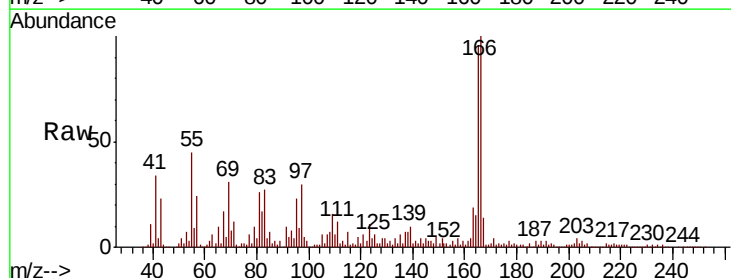
Tgt Ion:166 Resp: 794686

Ion Ratio Lower Upper

166 100

165 96.3 76.1 114.1

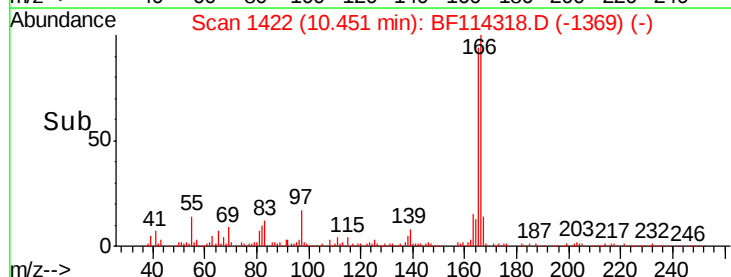
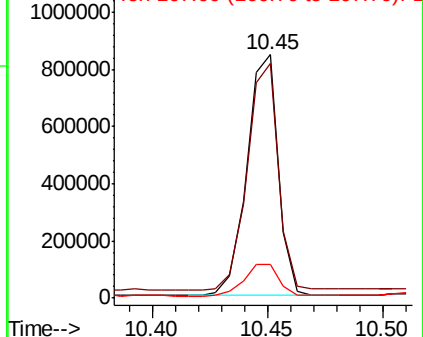
167 14.1 11.1 16.7

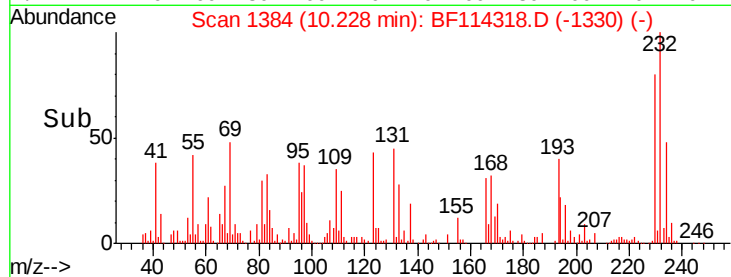
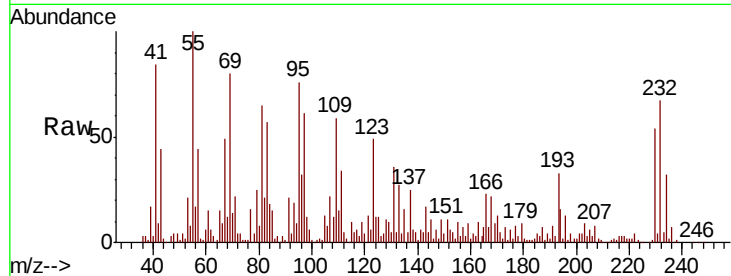
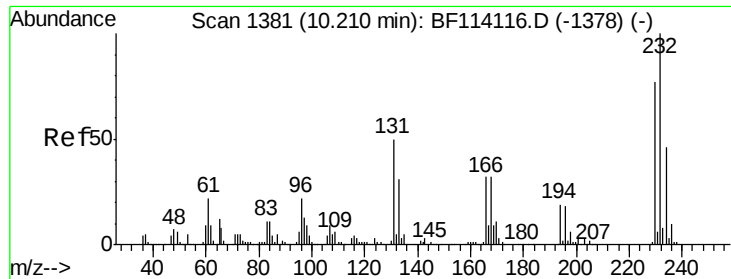


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





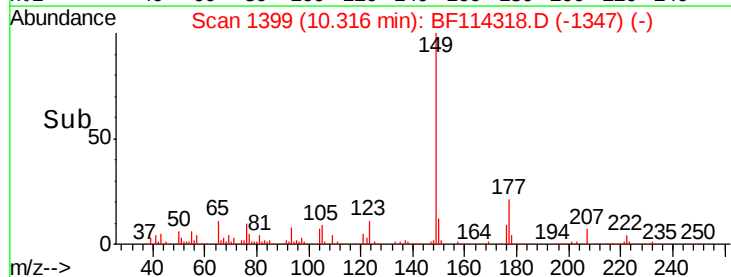
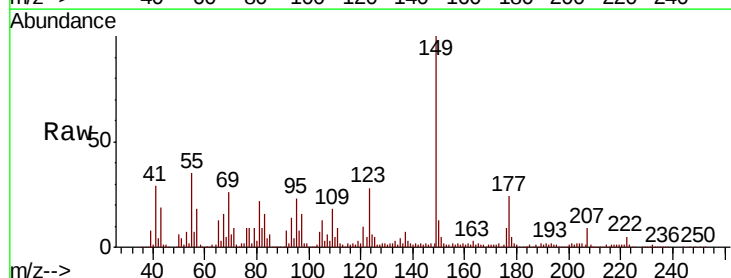
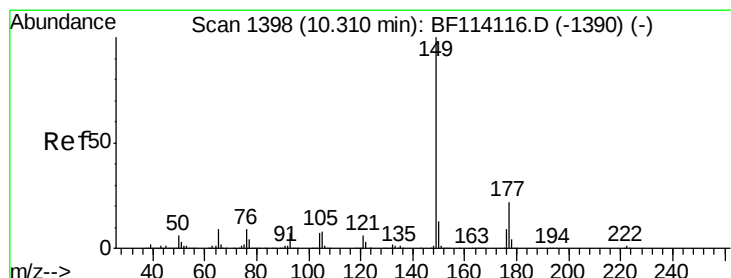
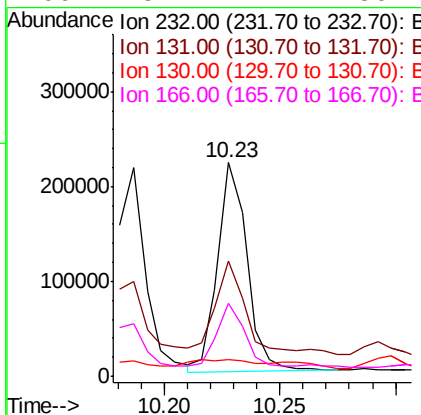
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.946 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	55.1	35.6	53.4#
130	8.8	1.6	2.4#
166	28.2	24.1	36.1

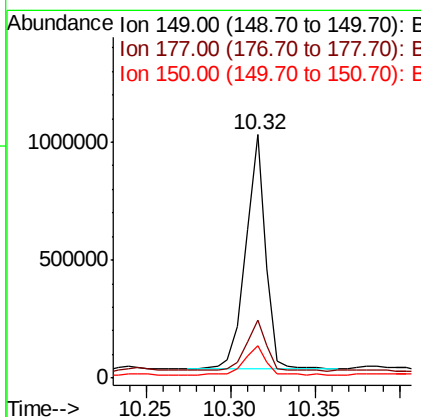
Manual Integrations
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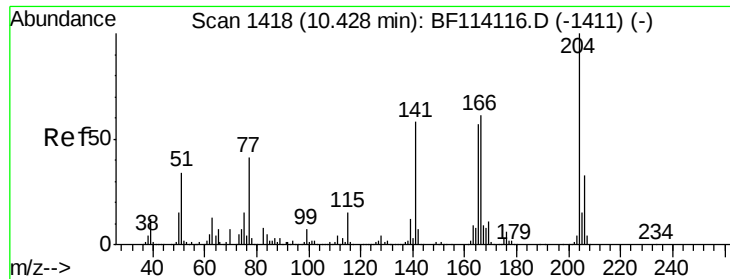
mohammad
5/17/2019 3:04:04 PM



#60
Diethylphthalate
Concen: 37.076 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.7	17.8	26.6
150	13.2	10.2	15.2





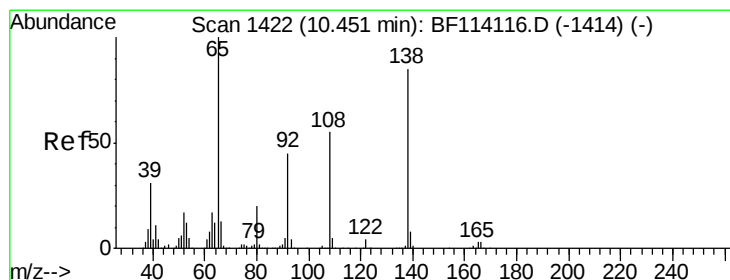
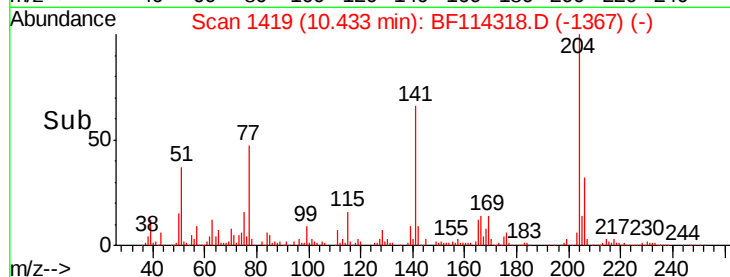
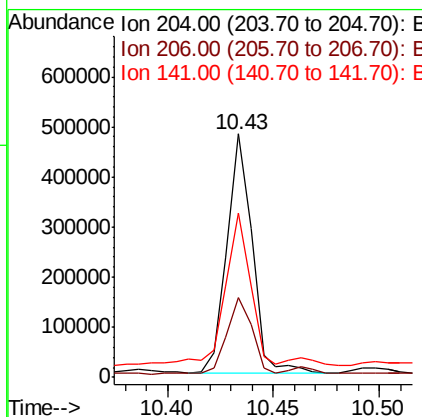
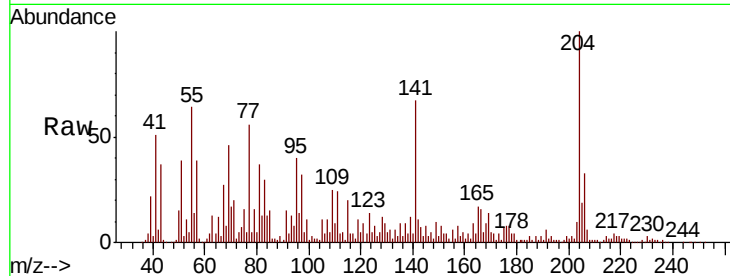
#61
4-Chlorophenyl-phenylether
Concen: 39.934 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	67.3	46.4	69.6

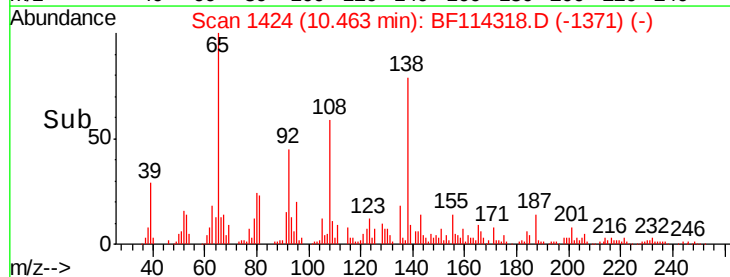
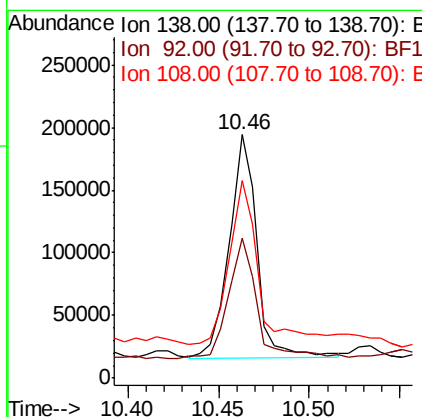
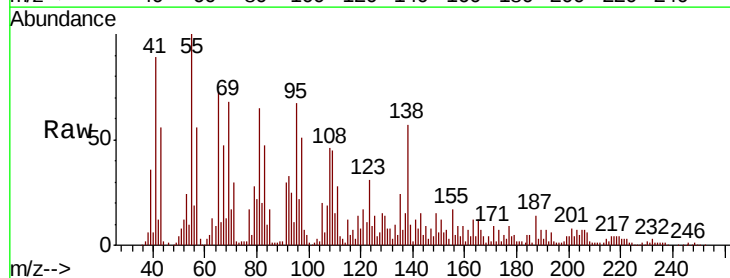
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#62
4-Nitroaniline
Concen: 30.275 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.7	33.0	73.0
108	81.1	44.9	84.9





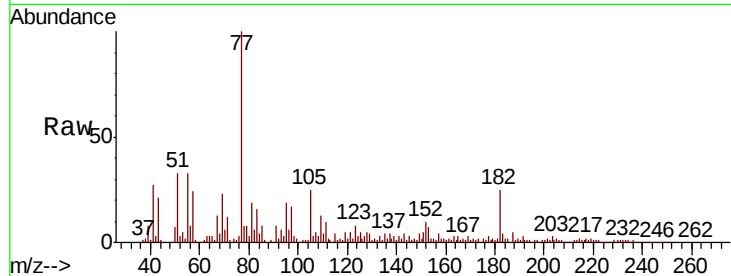
#63
Azobenzene
Concen: 38.980 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

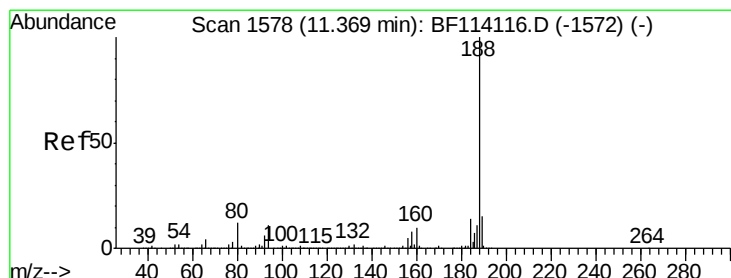
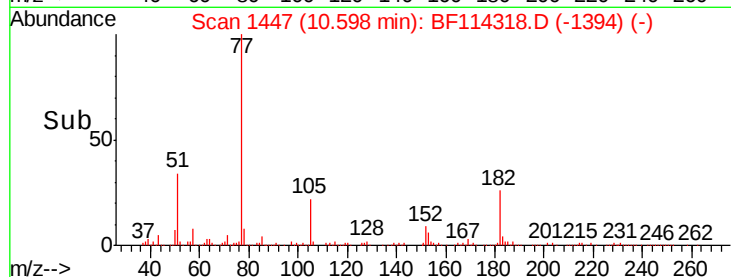
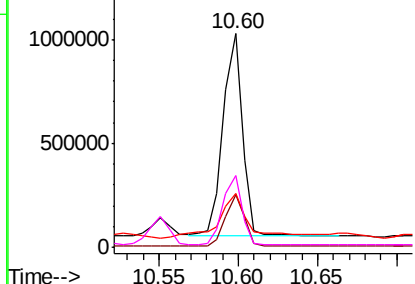
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.6	4.7	44.7		
105	25.4	2.9	42.9		
51	33.3	14.6	54.6		

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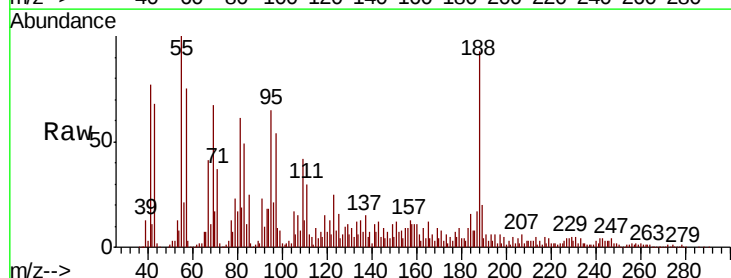


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

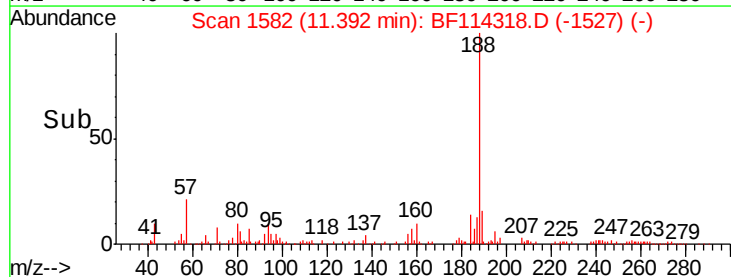
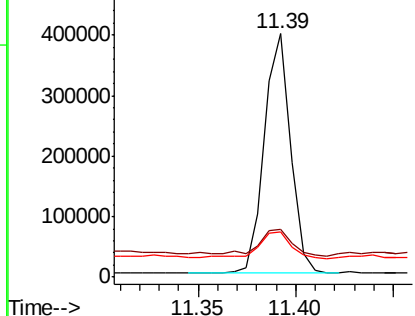


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	19.7	8.4	12.6#		
80	18.7	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: 49.202 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:198 Resp: 87404

Ion Ratio Lower Upper

198 100

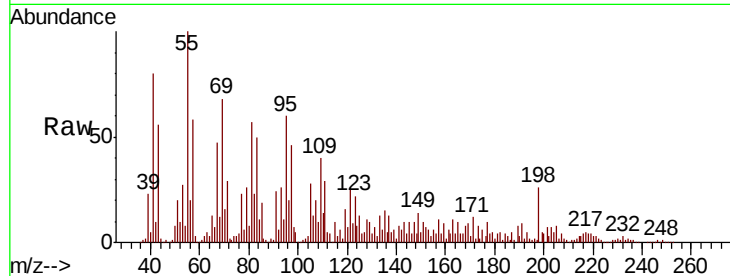
51 77.5 28.0 68.0#

105 105.7 21.1 61.1#

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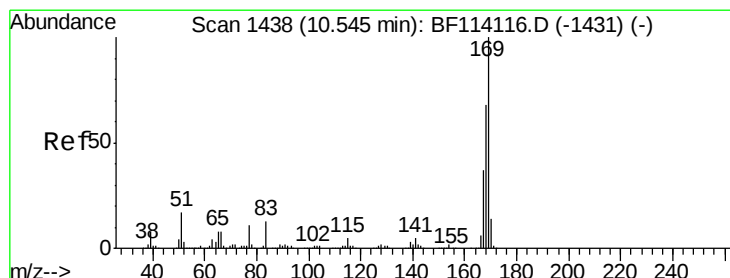
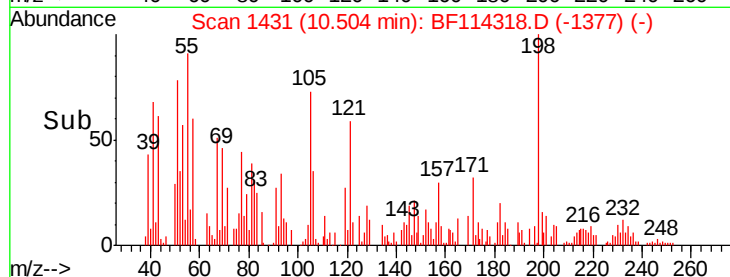
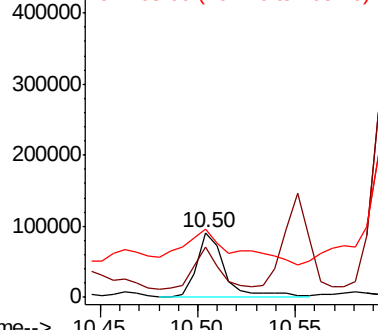
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 69.333 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

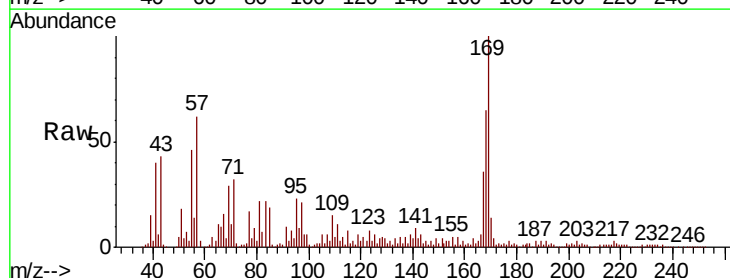
Tgt Ion:169 Resp: 777934

Ion Ratio Lower Upper

169 100

168 65.0 54.2 81.2

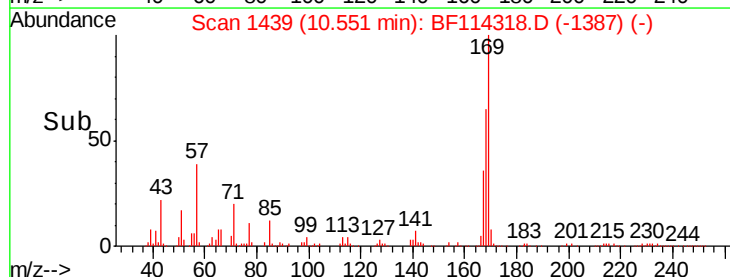
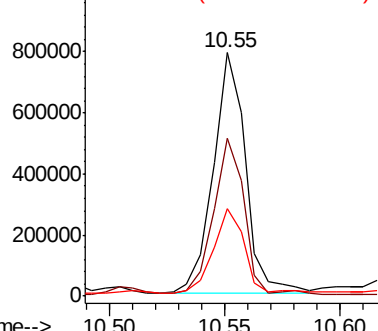
167 35.7 29.8 44.8

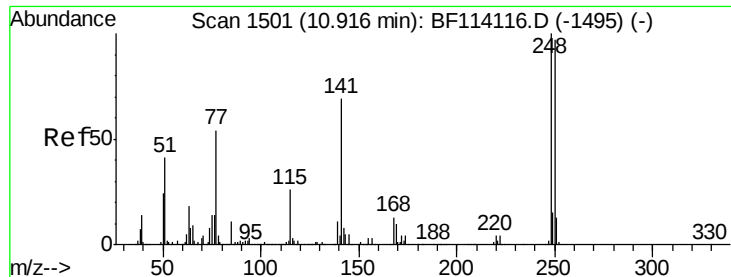


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





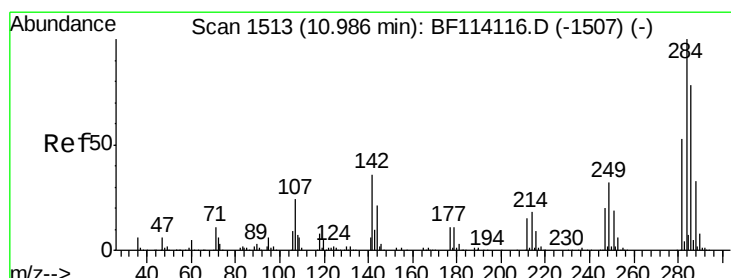
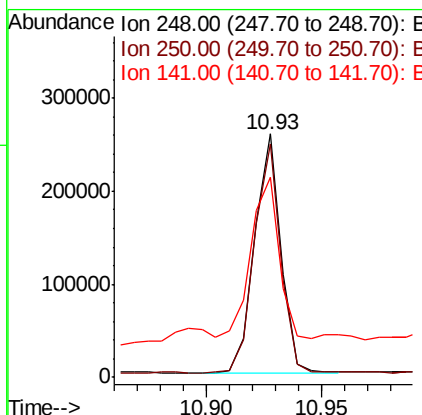
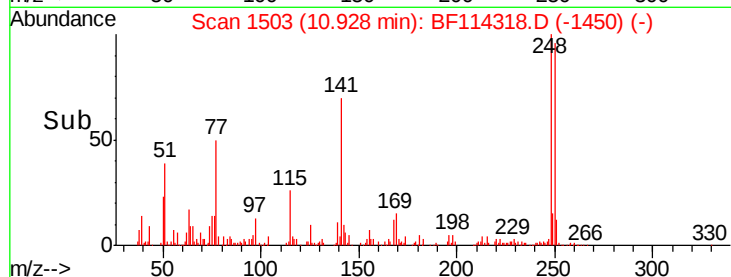
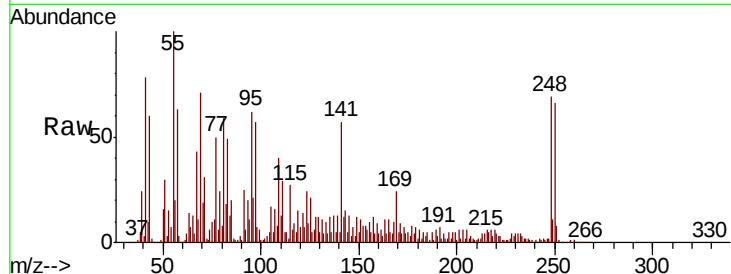
#67
 4-Bromophenyl-phenylether
 Concen: 50.222 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion:	248	Resp:	204428
Ion Ratio	Lower	Upper	
248	100		
250	95.9	77.4	116.2
141	82.3	55.6	83.4

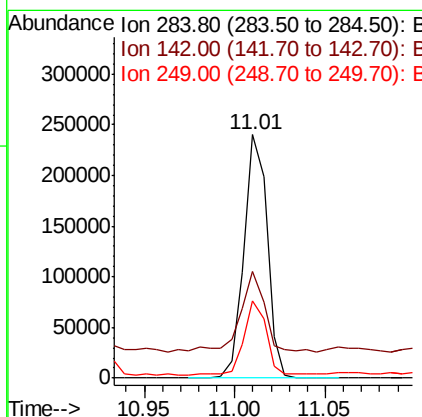
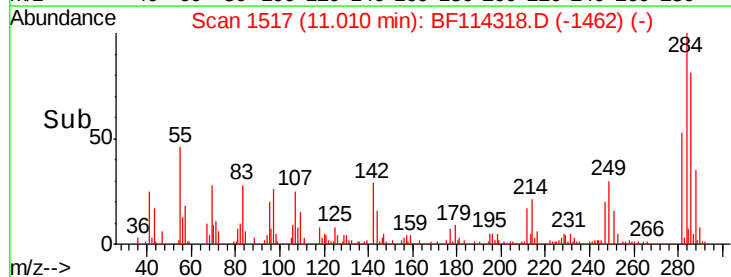
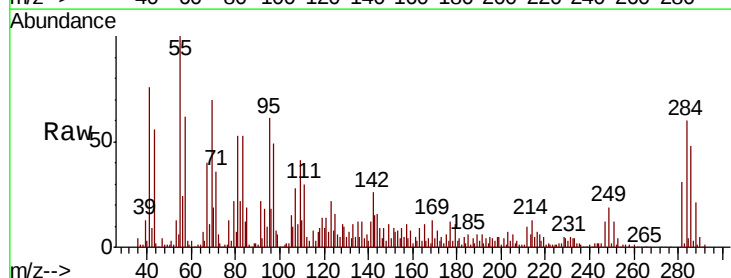
Manual Integrations
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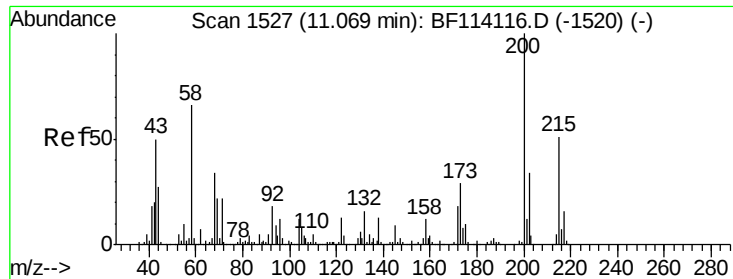
mohammad
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#68
 Hexachlorobenzene
 Concen: 47.739 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.02 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion:	284	Resp:	214969
Ion Ratio	Lower	Upper	
284	100		
142	43.8	28.4	42.6#
249	31.7	25.2	37.8





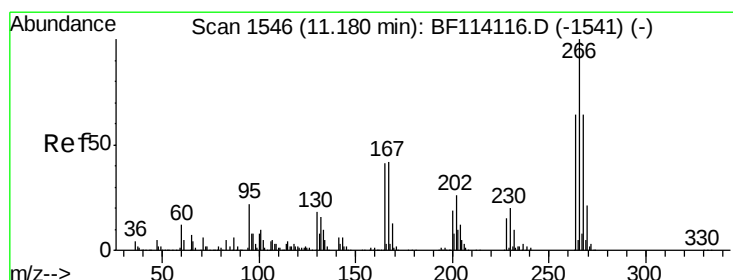
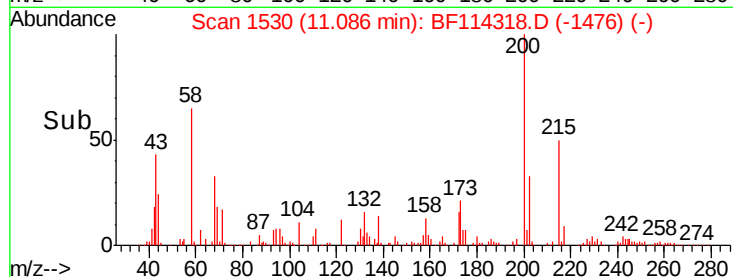
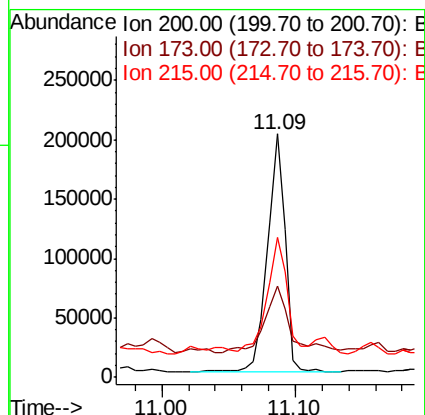
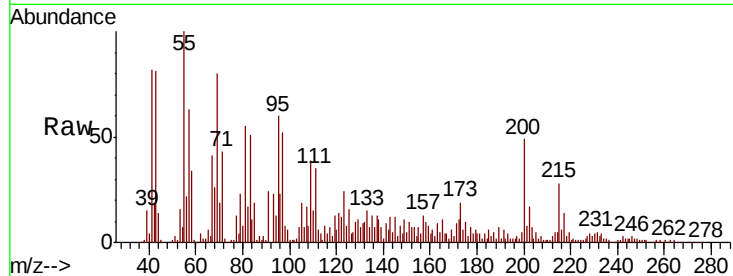
#69
Atrazine
Concen: 53.120 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	37.6	8.9	48.9	
215	57.6	30.7	70.7	

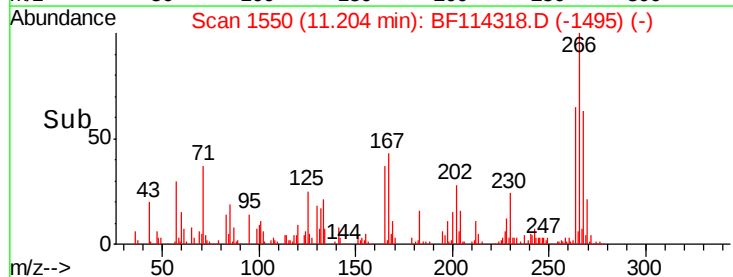
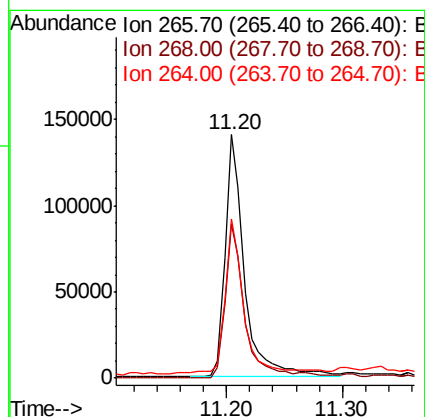
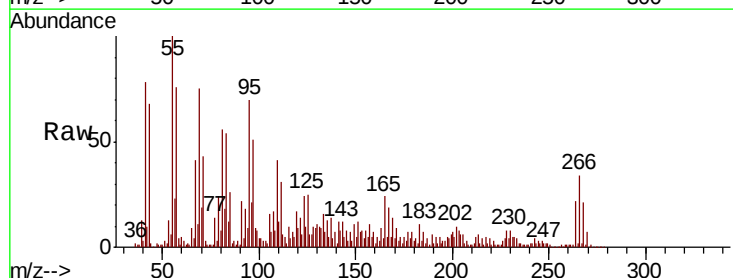
Manual Integrations
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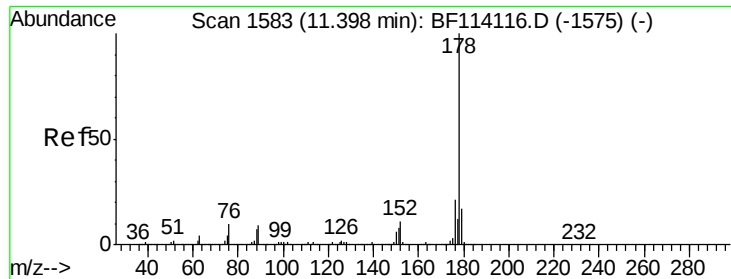
mohammad
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#70
Pentachlorophenol
Concen: 75.888 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.3	51.1	76.7	
264	65.4	51.1	76.7	





#71

Phenanthrene

Concen: 53.955 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

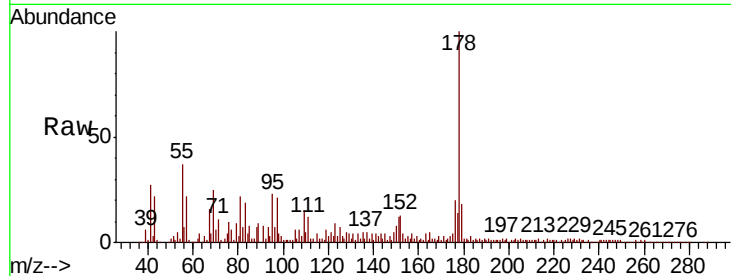
ClientSampleId :

RO-COMP-1MS

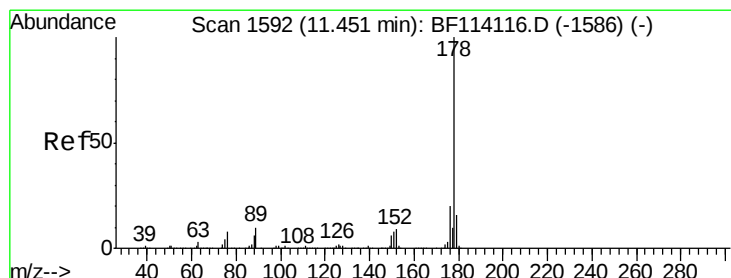
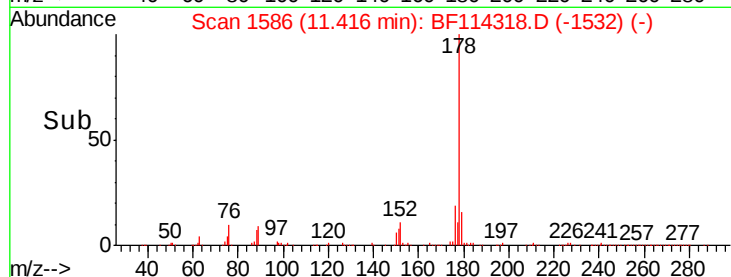
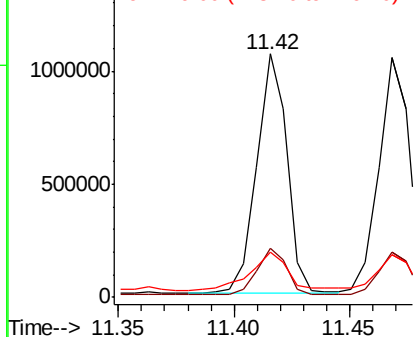
Tot Ion:	178	Resp:	970435
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.4	24.6
179	18.5	13.2	19.8

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



#72

Anthracene

Concen: 52.205 ng

RT: 11.47 min Scan# 1595

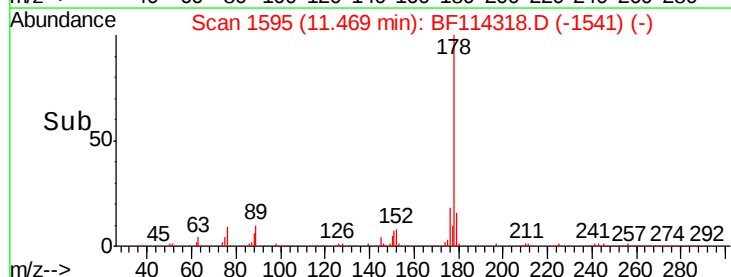
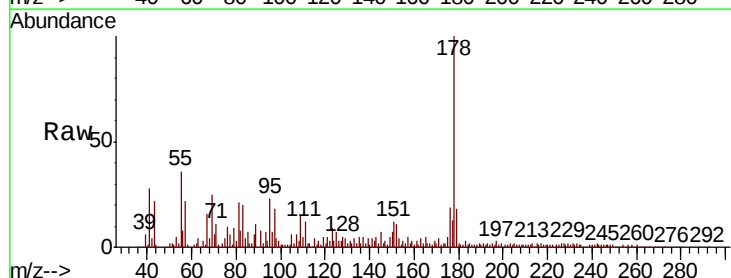
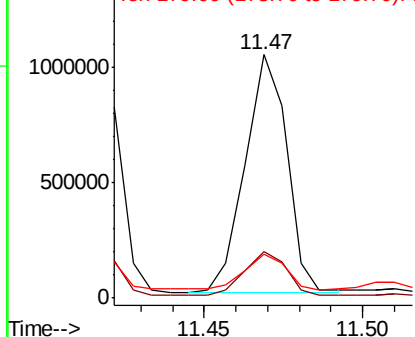
Delta R.T. 0.02 min

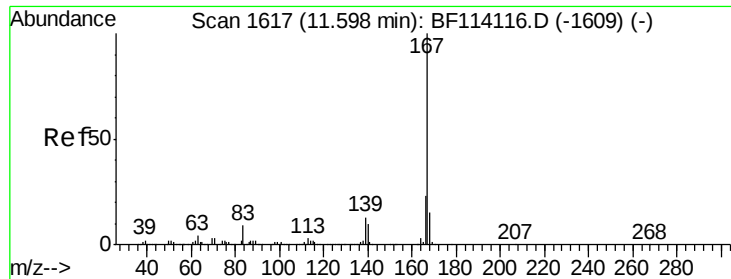
Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:	178	Resp:	943102
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	18.0	13.0	19.4

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





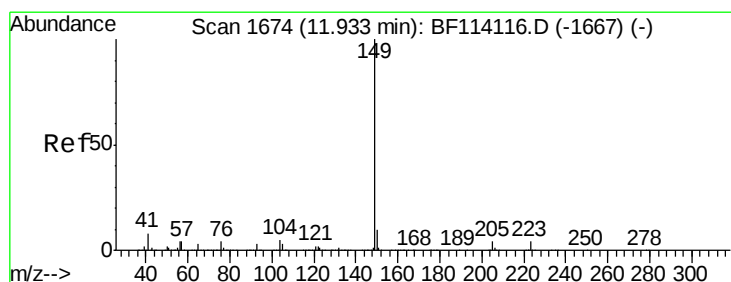
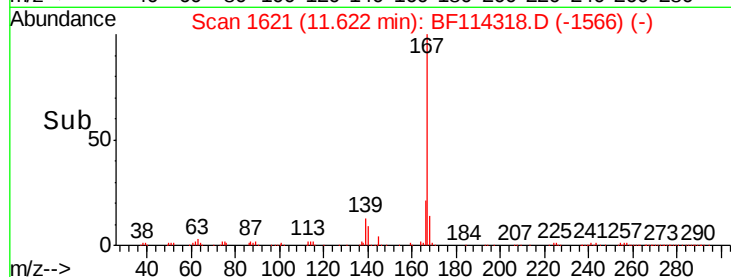
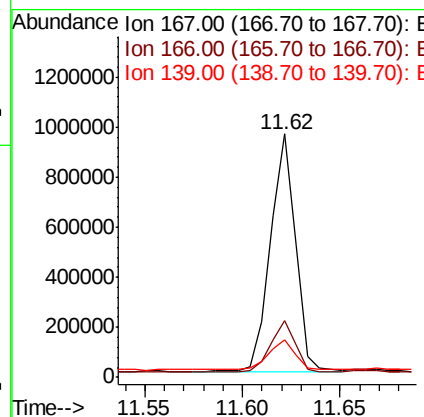
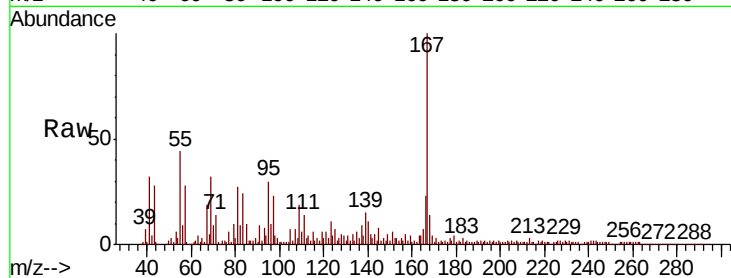
#73
 Carbazole
 Concen: 48.967 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.02 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.2
139	15.4	10.6	16.0

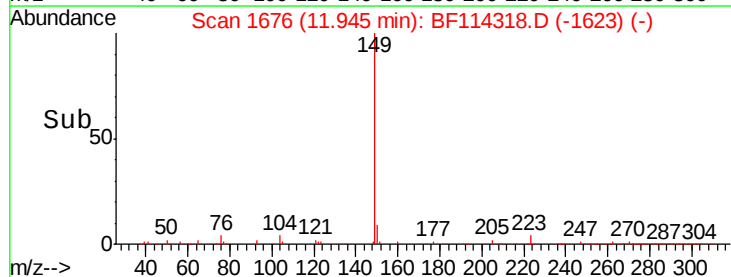
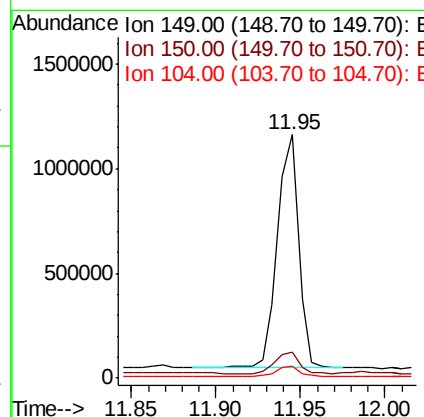
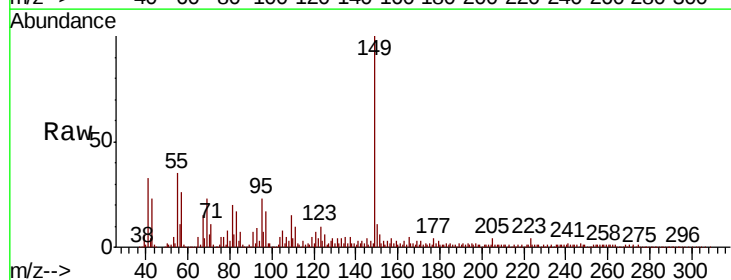
Manual Integrations
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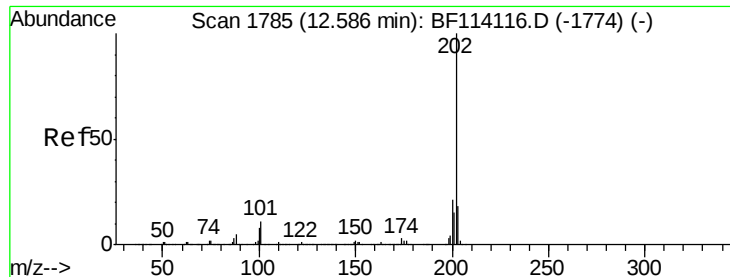
mohammad
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#74
 Di-n-butylphthalate
 Concen: 49.369 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.7	11.5
104	4.8	3.6	5.4





#75

Fluoranthene

Concen: 52.829 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

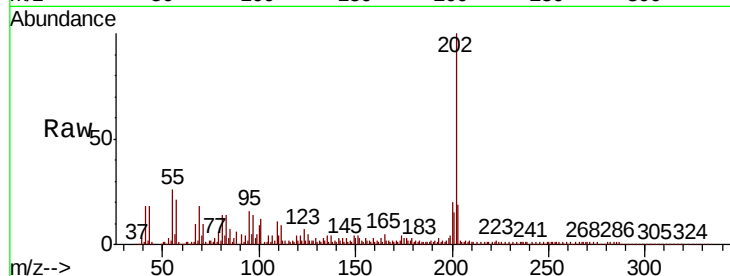
ClientSampleId :

RO-COMP-1MS

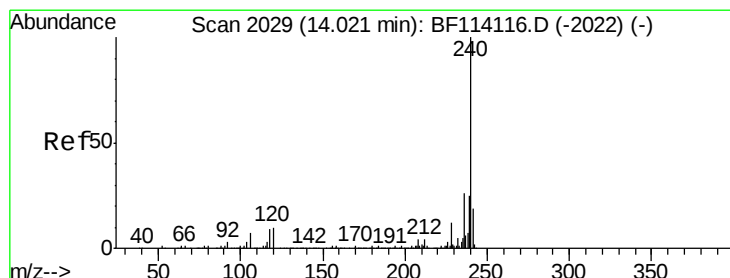
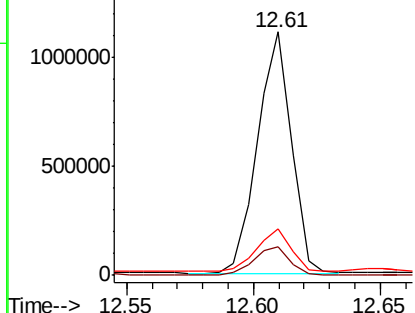
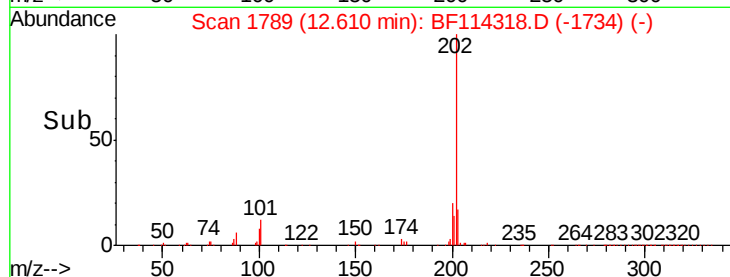
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1023226		
101	11.9	0.0	31.0	
203	19.0	0.0	38.4	

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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

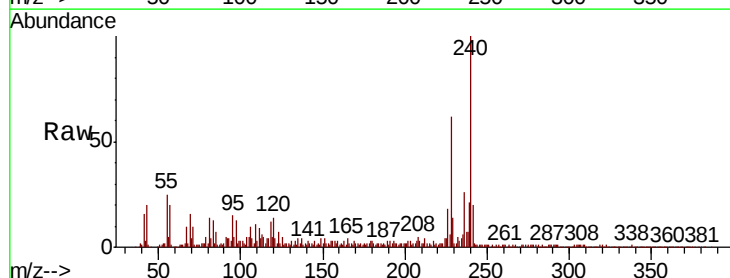
RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

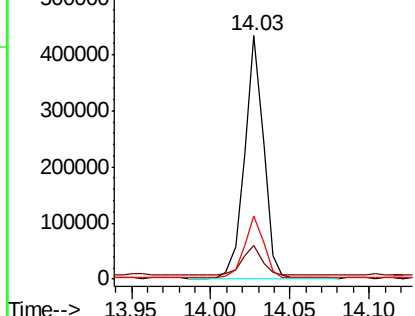
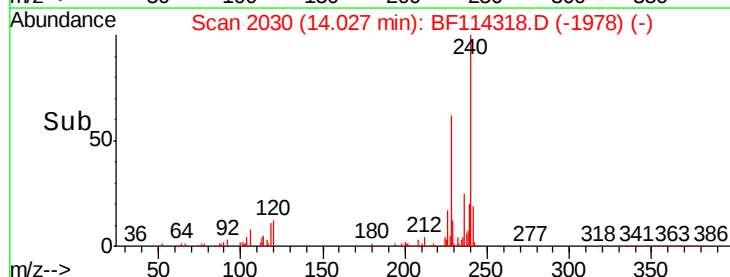
Lab File: BF114318.D

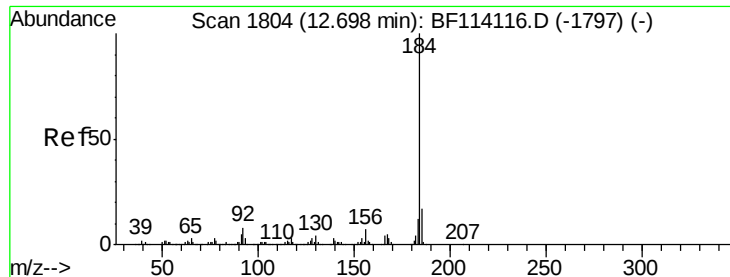
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	356338		
120	14.0	8.3	12.5#	
236	26.1	20.8	31.2	



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





#77

Benzidine

Concen: 34.743 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:184 Resp: 555728

Ion Ratio Lower Upper

184 100

185 17.2 13.6 20.4

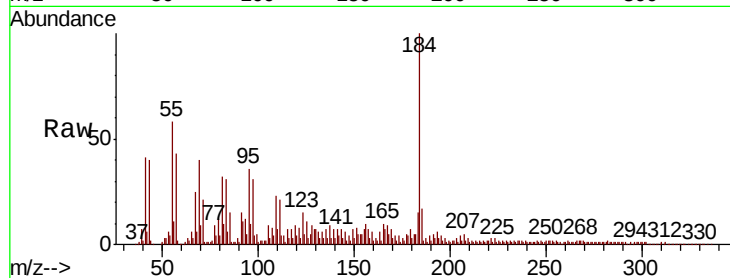
183 14.6 9.2 13.8#

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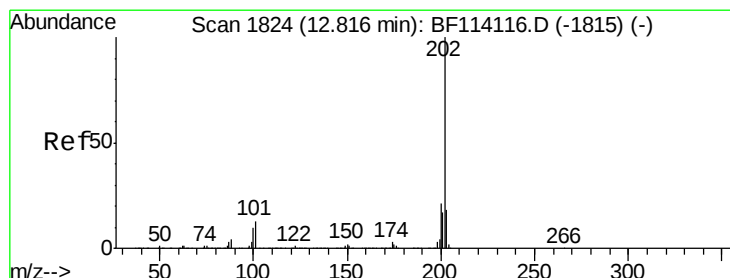
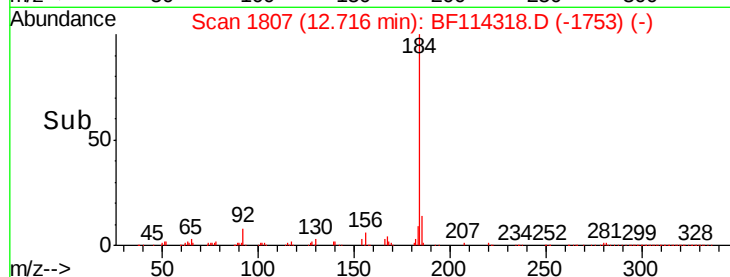
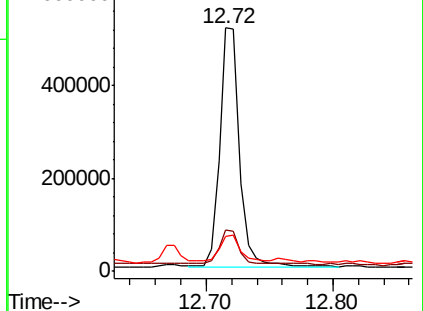
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.279 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

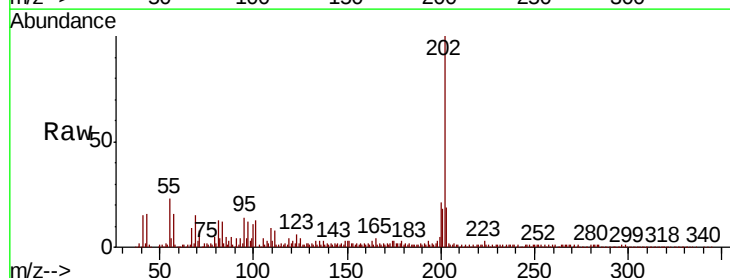
Tgt Ion:202 Resp: 1068613

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

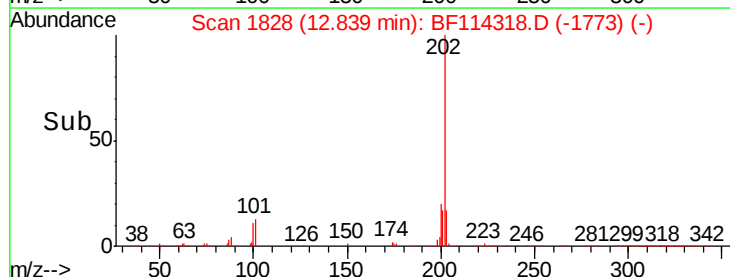
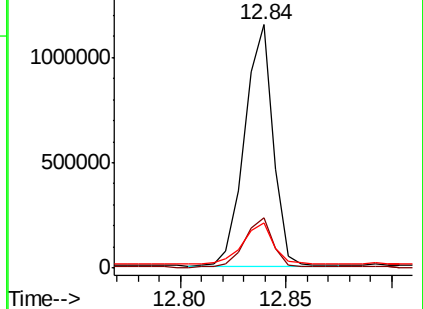
203 18.7 14.5 21.7

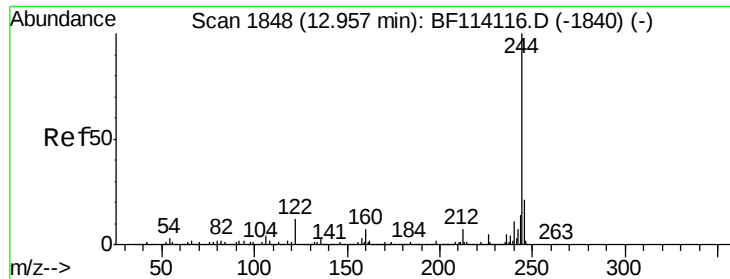


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





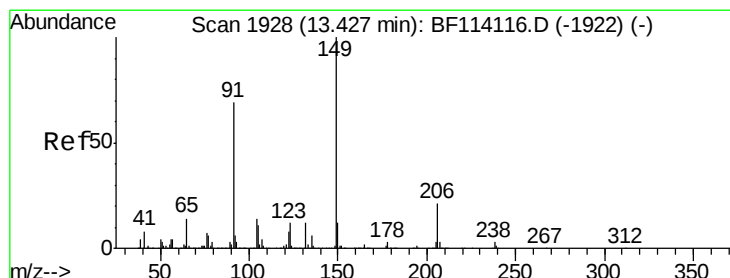
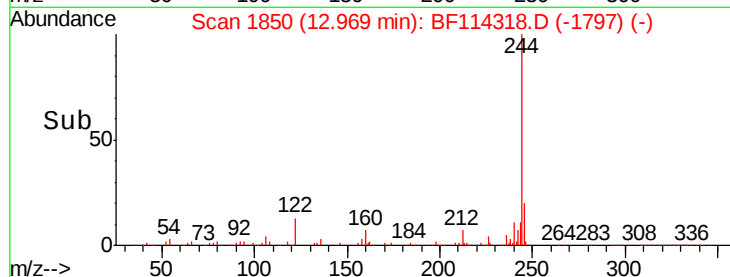
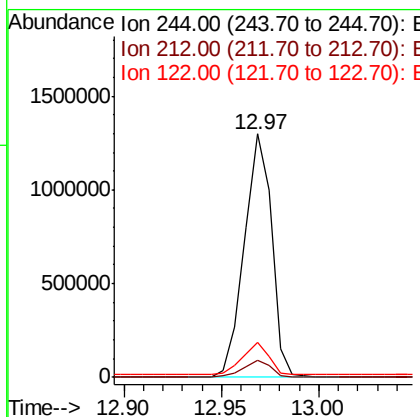
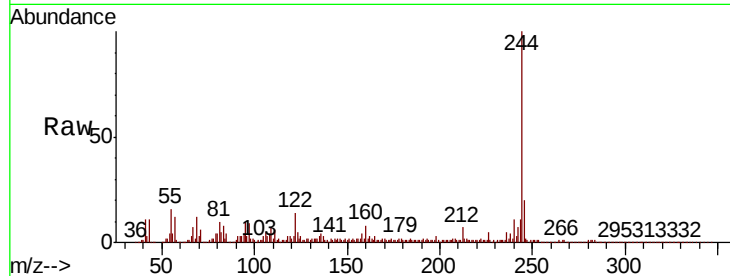
#79
 Terphenyl-d14
 Concen: 72.651 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	14.2	9.4	14.2

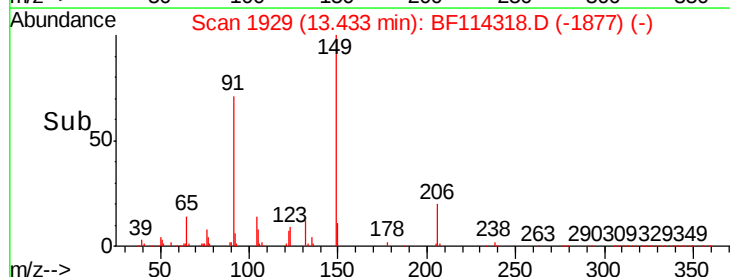
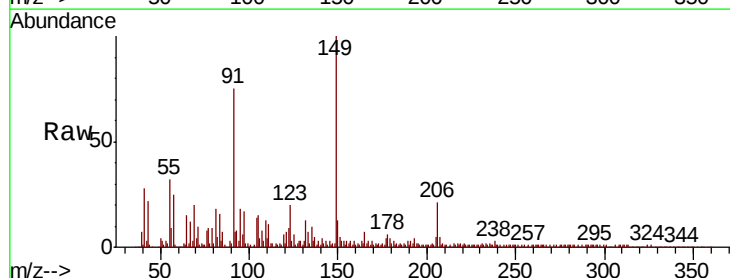
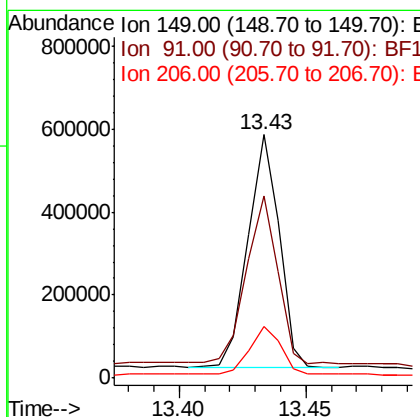
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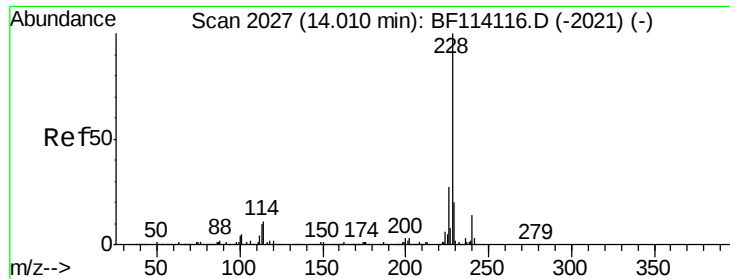
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.002 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	55.0	82.4
206	21.1	16.9	25.3





#81

Benzo(a)anthracene

Concen: 48.222 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:228 Resp: 1111402

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

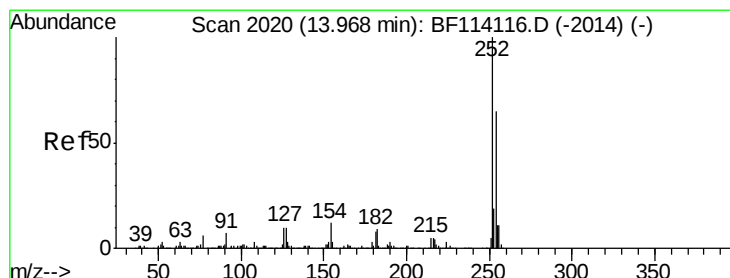
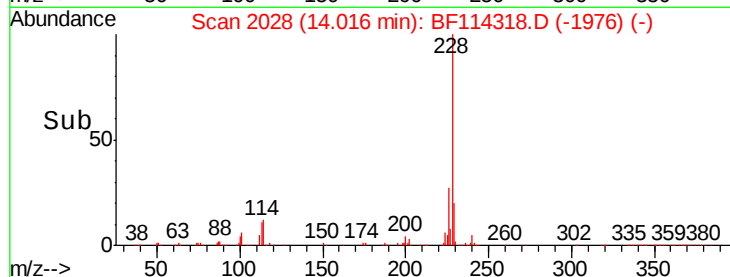
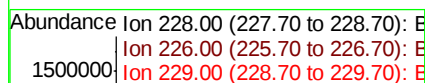
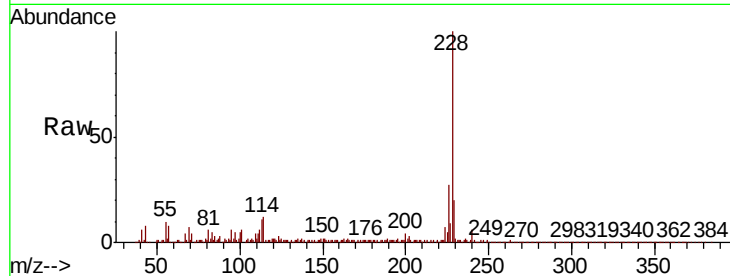
229 20.4 16.4 24.6

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#82

3,3'-Dichlorobenzidine

Concen: 12.674 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

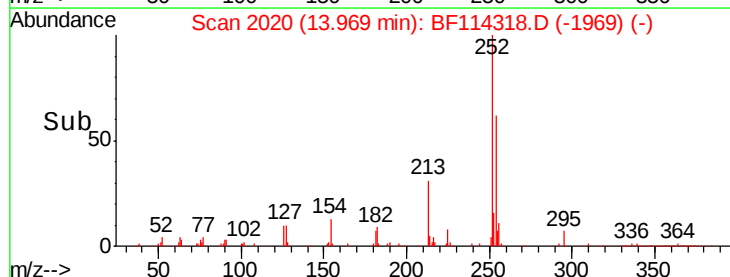
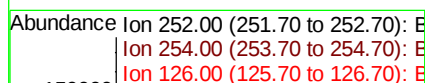
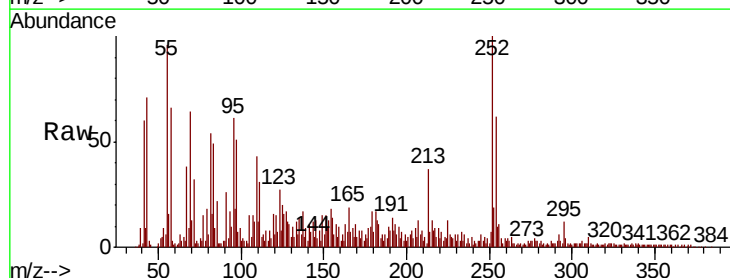
Tgt Ion:252 Resp: 113319

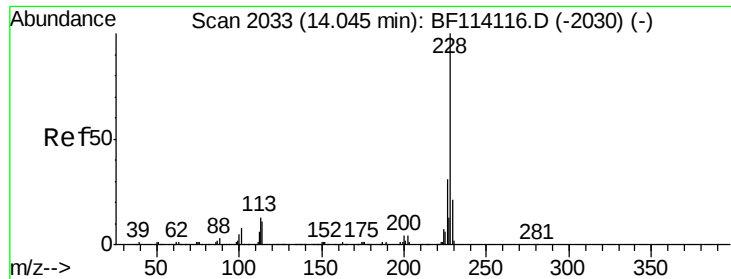
Ion Ratio Lower Upper

252 100

254 62.2 51.9 77.9

126 15.8 7.9 11.9#





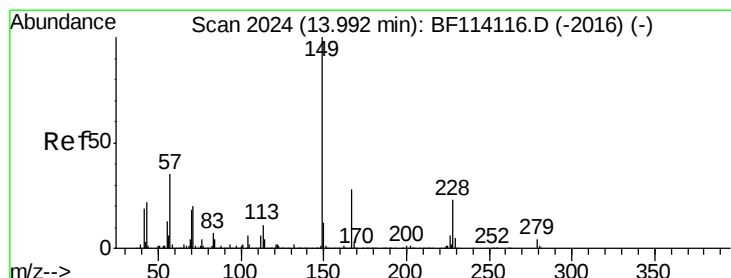
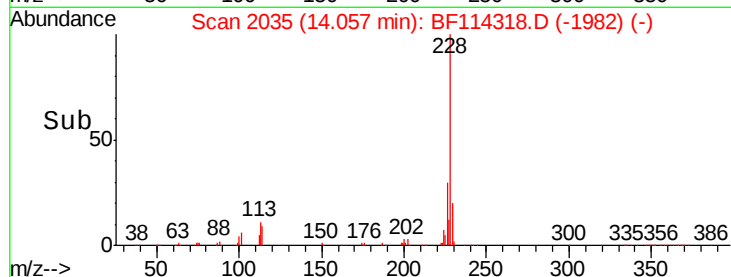
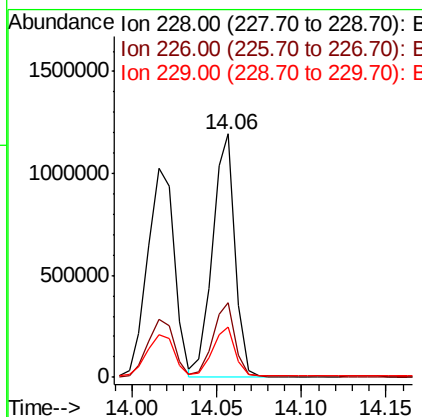
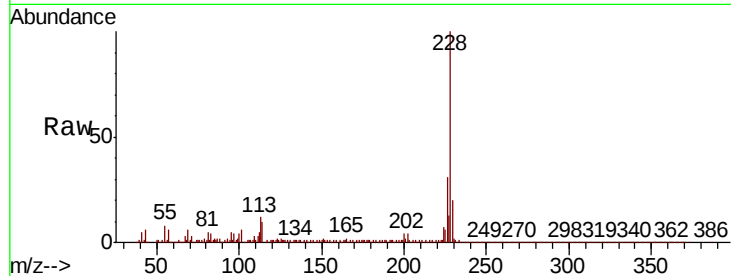
#83
 Chrvsene
 Concen: 48.981 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.5	17.0	25.6

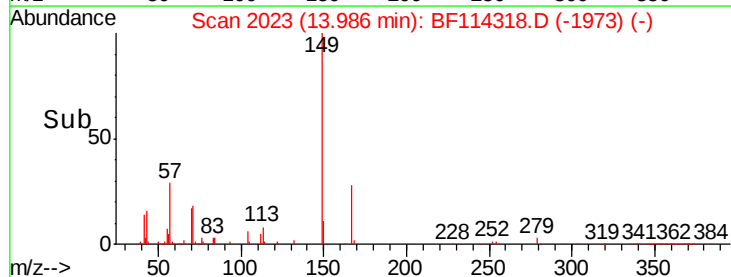
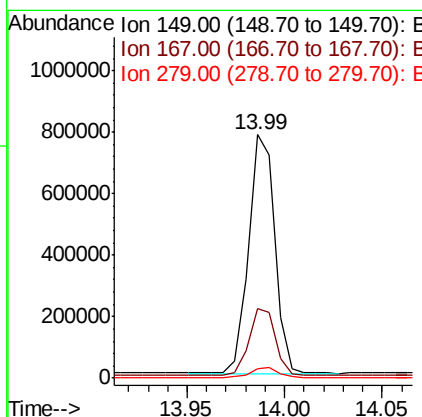
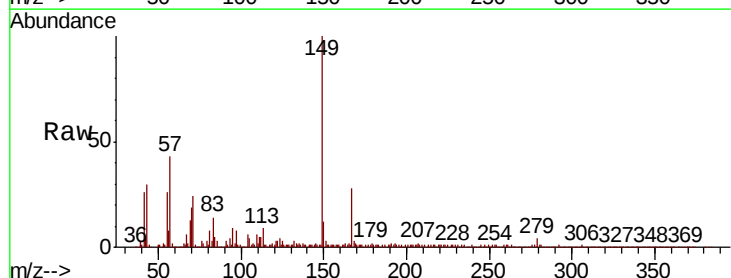
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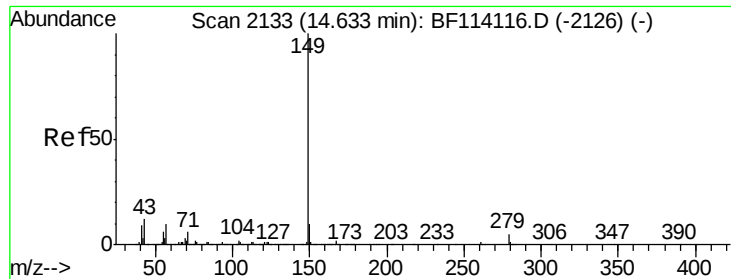
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.912 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	33.8
279	3.9	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 53.899 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:149 Resp: 1378788

Ion Ratio Lower Upper

149 100

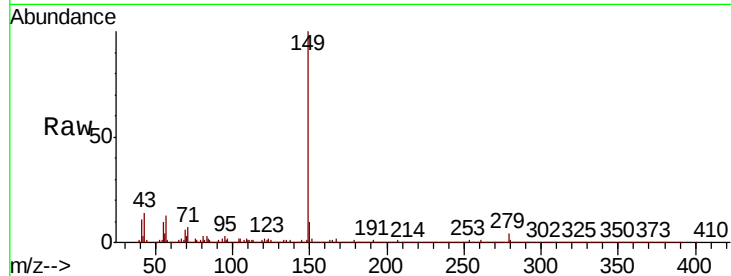
167 1.5 1.3 1.9

43 12.3 10.1 15.1

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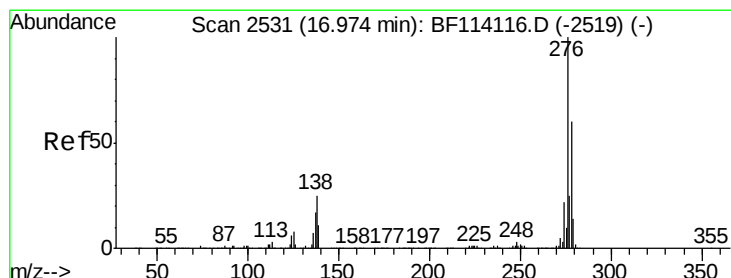
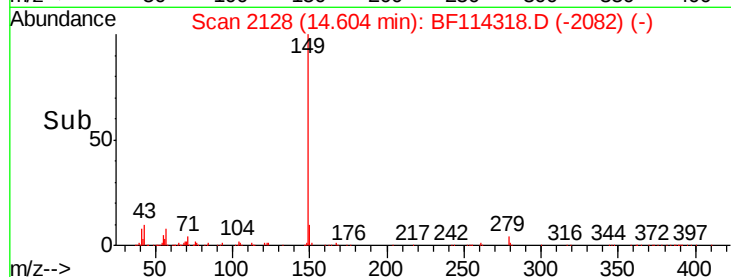
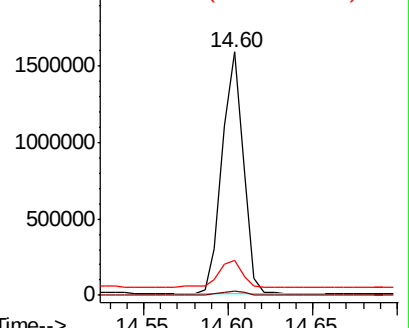
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 86.239 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

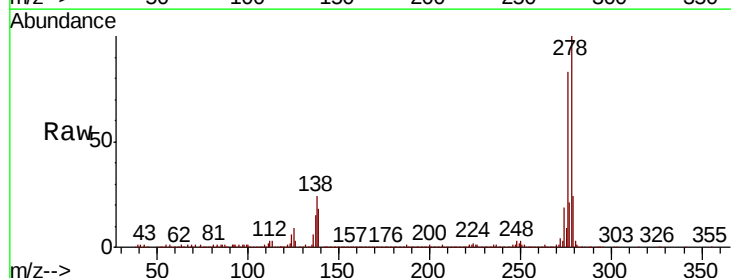
Tgt Ion:276 Resp: 1721974

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

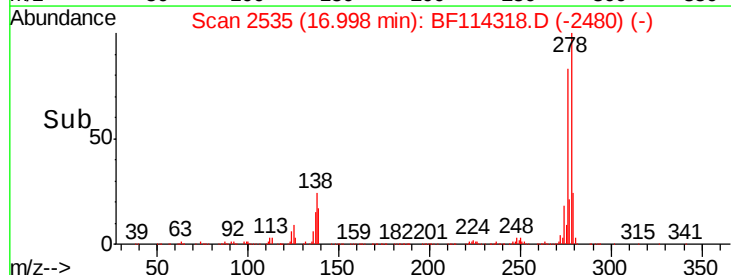
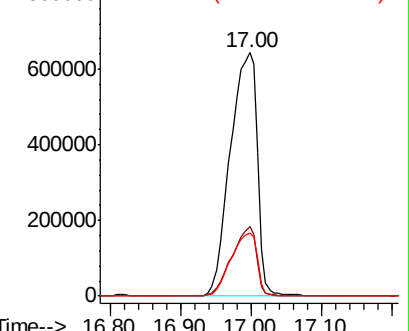
277 25.0 20.0 30.0

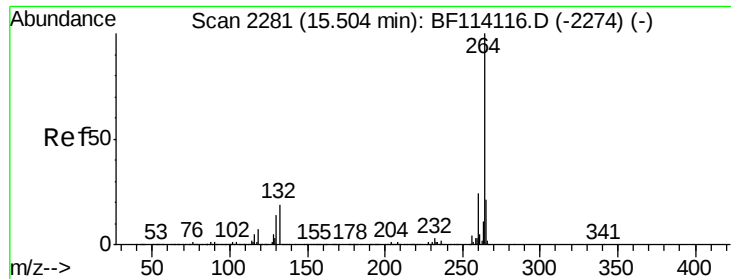


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





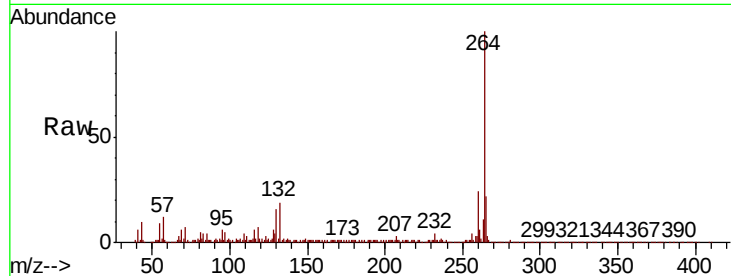
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampled :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.6	16.9	25.3

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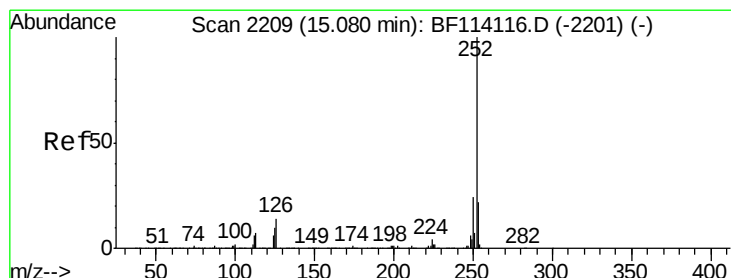
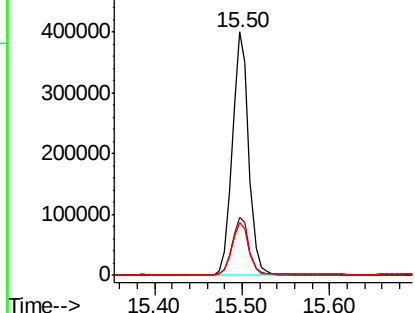
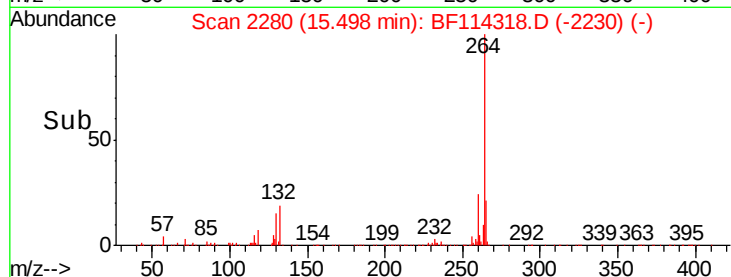


Abundance

Ion 264.00 (263.70 to 264.70): E

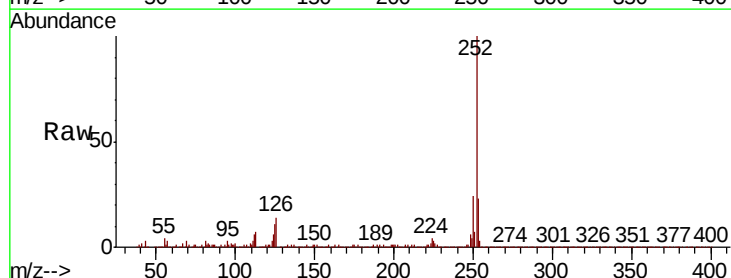
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 43.455 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	11.2	8.3	12.5

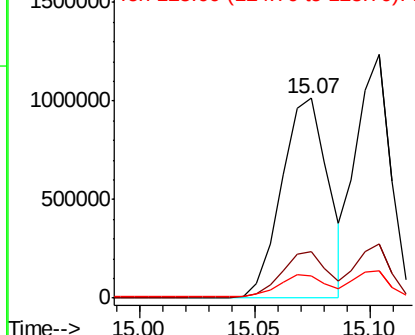
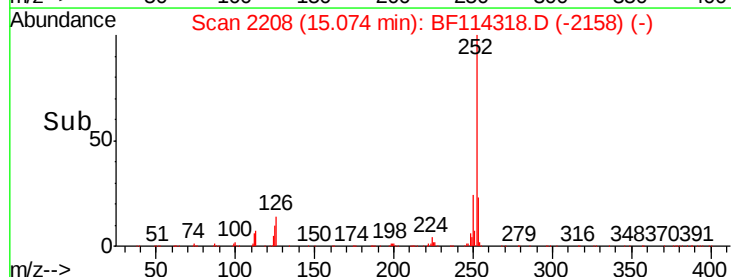


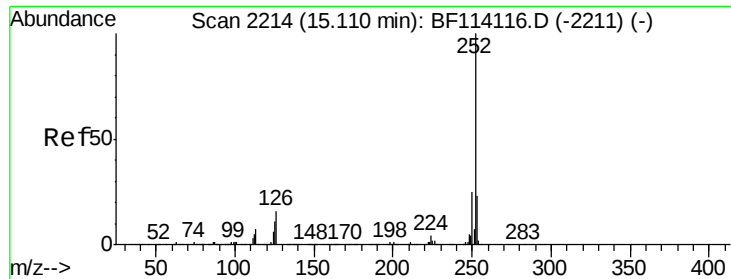
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.167 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:252 Resp: 1264194

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

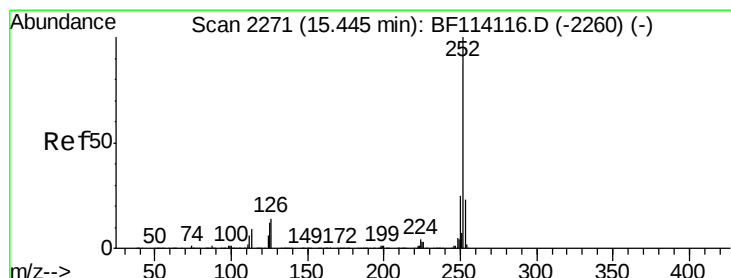
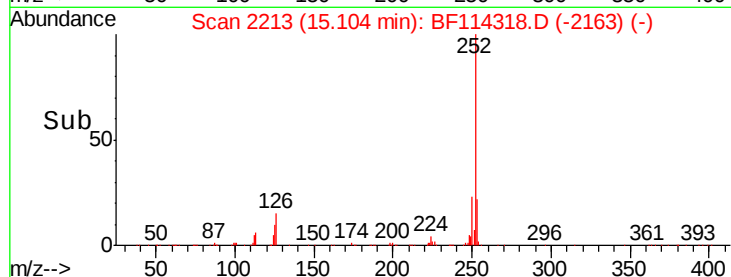
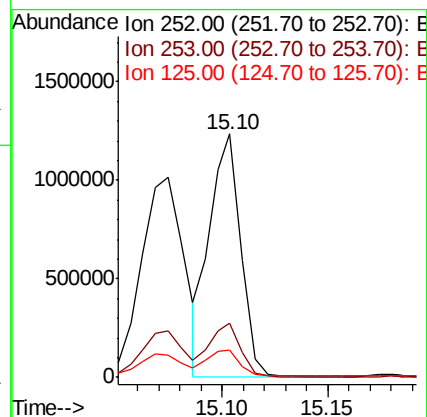
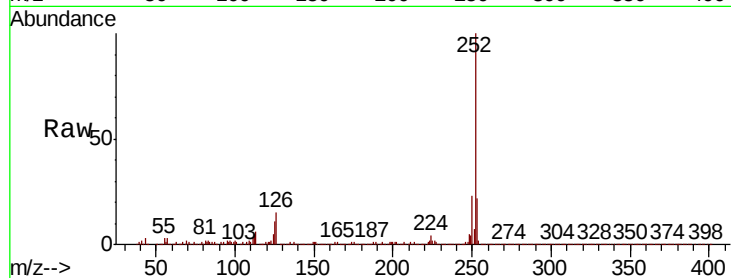
125 11.1 8.6 13.0

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#90

Benzo(a)pyrene

Concen: 48.028 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

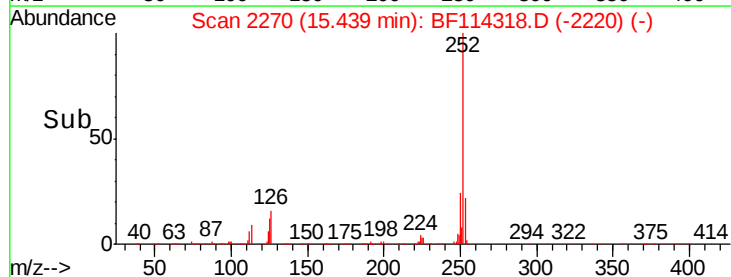
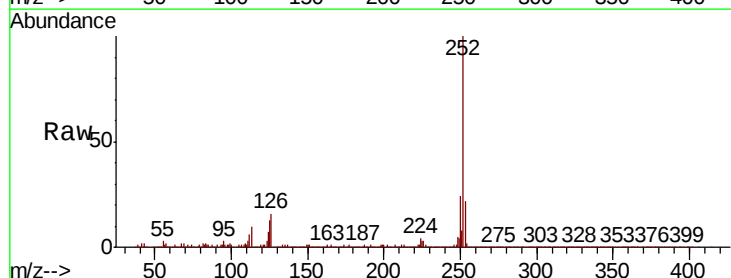
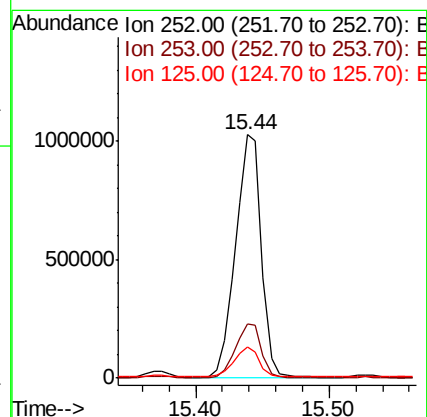
Tgt Ion:252 Resp: 1379544

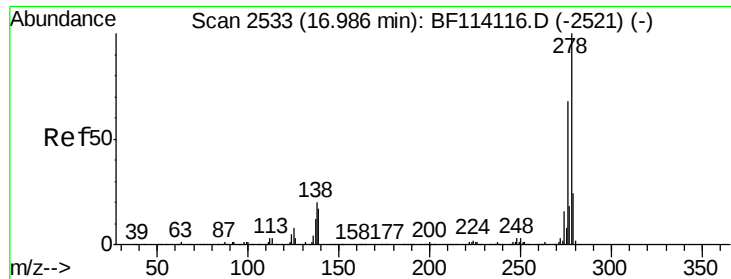
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 12.7 9.5 14.3





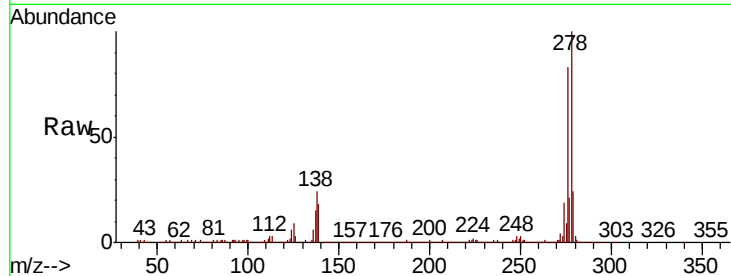
#91
Dibenzo(a,h)anthracene
Concen: 57.745 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

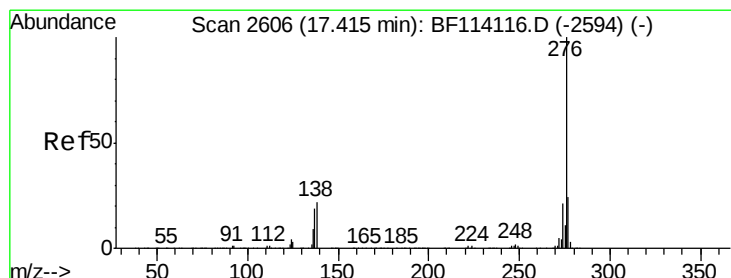
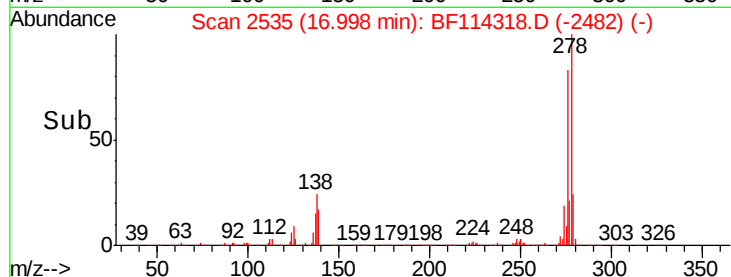
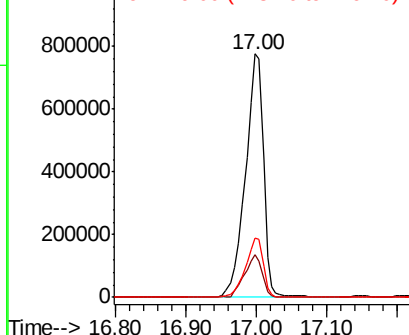
Tot Ion:278 Resp: 1378268
Ion Ratio Lower Upper
278 100
139 17.6 13.5 20.3
279 24.2 19.0 28.6

Manual Integrations
APPROVED

mohammad
5/17/2019 3:04:04 PM

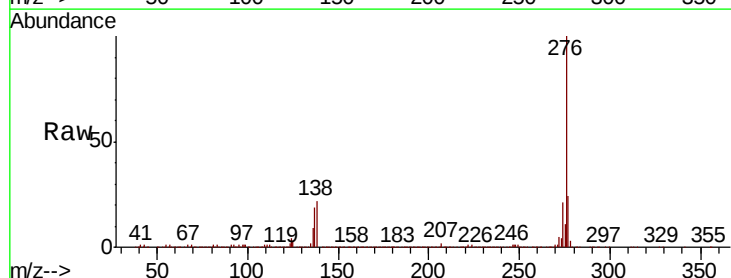


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 63.744 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:276 Resp: 1524720
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 21.8 17.8 26.6



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

