

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114568.D
 Acq On : 24 May 2019 14:23
 Operator : JU/SJ
 Sample : K2838-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:47:59 AM

Quant Time: May 24 22:46:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	145351	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561361	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	269716	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	542179	20.00	ng	0.00
76) Chrysene-d12	13.99	240	329716	20.00	ng	0.00
87) Perylene-d12	15.46	264	340784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1105866	122.44	ng	0.00
7) Phenol-d6	6.47	99	1428596	133.73	ng	0.00
23) Nitrobenzene-d5	7.38	82	871690	87.14	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	344978	123.72	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1379261	77.35	ng	0.00
79) Terphenyl-d14	12.92	244	1309400	81.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	149462	30.106	ng	98
3) Pyridine	3.36	79	288718	21.107	ng	99
4) n-Nitrosodimethylamine	3.29	42	221551	33.588	ng	95
6) Aniline	6.48	93	209787	13.595	ng	# 1
8) 2-Chlorophenol	6.61	128	432361	44.840	ng	92
9) Benzaldehyde	6.37	77	310796	41.558	ng	97
10) Phenol	6.48	94	517597	41.188	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	413087	43.298	ng	97
12) 1,3-Dichlorobenzene	6.76	146	432198	39.931	ng	99
13) 1,4-Dichlorobenzene	6.83	146	444567	40.761	ng	95
14) 1,2-Dichlorobenzene	6.99	146	411646	41.312	ng	99
15) Benzyl Alcohol	6.96	79	358470	43.024	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	743021	40.167	ng	61
17) 2-Methylphenol	7.08	107	330108	41.676	ng	# 92
18) Hexachloroethane	7.32	117	161115	39.354	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	296716	43.821	ng	100
20) 3+4-Methylphenols	7.24	107	442428	48.345	ng	# 59
22) Acetophenone	7.22	105	579242	46.578	ng	# 88
24) Nitrobenzene	7.40	77	447532	43.928	ng	95
25) Isophorone	7.63	82	822311	44.326	ng	98
26) 2-Nitrophenol	7.72	139	233285	47.197	ng	100
27) 2,4-Dimethylphenol	7.76	122	347354	44.744	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	519973	43.199	ng	99
29) 2,4-Dichlorophenol	7.96	162	357503	46.247	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	371737	42.290	ng	99
31) Naphthalene	8.12	128	1194120	45.539	ng	98
32) Benzoic acid	7.87	122	11986m	8.869	ng	
33) 4-Chloroaniline	8.17	127	112932	9.451	ng	97
34) Hexachlorobutadiene	8.23	225	207597	41.507	ng	99
35) Caprolactam	8.54	113	91860m	36.443	ng	
36) 4-Chloro-3-methylphenol	8.67	107	375342	48.237	ng	98
37) 2-Methylnaphthalene	8.81	142	805736	47.625	ng	99
38) 1-Methylnaphthalene	8.91	142	751147	47.146	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	367531	44.984	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	104088	30.192	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	238974	42.524	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	245101	42.528	ng	98
46) 1,1'-Biphenyl	9.27	154	983493	45.136	ng	97
47) 2-Chloronaphthalene	9.30	162	751545	42.857	ng	98
48) 2-Nitroaniline	9.40	65	259908	41.792	ng	92
49) Acenaphthylene	9.72	152	1188173	44.549	ng	99
50) Dimethylphthalate	9.57	163	1075374	54.313	ng	100
51) 2,6-Dinitrotoluene	9.65	165	196742	44.800	ng	# 84
52) Acenaphthene	9.89	154	702438	42.919	ng	97
53) 3-Nitroaniline	9.81	138	99924	18.330	ng	96
54) 2,4-Dinitrophenol	9.94	184	54774	29.458	ng	94
55) Dibenzofuran	10.06	168	1016949	42.375	ng	99
56) 4-Nitrophenol	10.00	139	214095	55.534	ng	98
57) 2,4-Dinitrotoluene	10.06	165	245646	41.211	ng	# 82
58) Fluorene	10.40	166	831152	44.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	210251	42.280	ng	97
60) Diethylphthalate	10.27	149	898573	44.666	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	404327	44.409	ng	98
62) 4-Nitroaniline	10.43	138	198837	34.710	ng	98
63) Azobenzene	10.55	77	838500	43.060	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	90223	34.631	ng	79
66) n-Nitrosodiphenylamine	10.51	169	750392	45.602	ng	97
67) 4-Bromophenyl-phenylether	10.88	248	252897	42.364	ng	95
68) Hexachlorobenzene	10.96	284	274757	41.605	ng	96
69) Atrazine	11.04	200	230824	45.076	ng	98
70) Pentachlorophenol	11.16	266	171335	54.730	ng	98
71) Phenanthrene	11.36	178	1179937	44.732	ng	98
72) Anthracene	11.42	178	1227148	46.318	ng	98
73) Carbazole	11.57	167	1148908	45.475	ng	98
74) Di-n-butylphthalate	11.89	149	1392121	47.828	ng	100
75) Fluoranthene	12.56	202	1243213	43.767	ng	98
77) Benzidine	12.67	184	122042	8.246	ng	95
78) Pyrene	12.78	202	1239531	46.732	ng	99
80) Butylbenzylphthalate	13.39	149	556214	49.821	ng	99
81) Benzo(a)anthracene	13.97	228	931693	43.688	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	165400	19.993	ng	98
83) Chrysene	14.01	228	925924	44.291	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	764742	52.375	ng	99
85) Di-n-octyl phthalate	14.56	149	1193886	50.439	ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1055819	57.146	ng	100
88) Benzo(b)fluoranthene	15.03	252	890156	40.772	ng	99
89) Benzo(k)fluoranthene	15.06	252	850288	42.397	ng	97
90) Benzo(a)pyrene	15.40	252	865118	45.024	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	882370	55.264	ng	99
92) Benzo(g,h,i)perylene	17.39	276	938718	58.667	ng	99

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

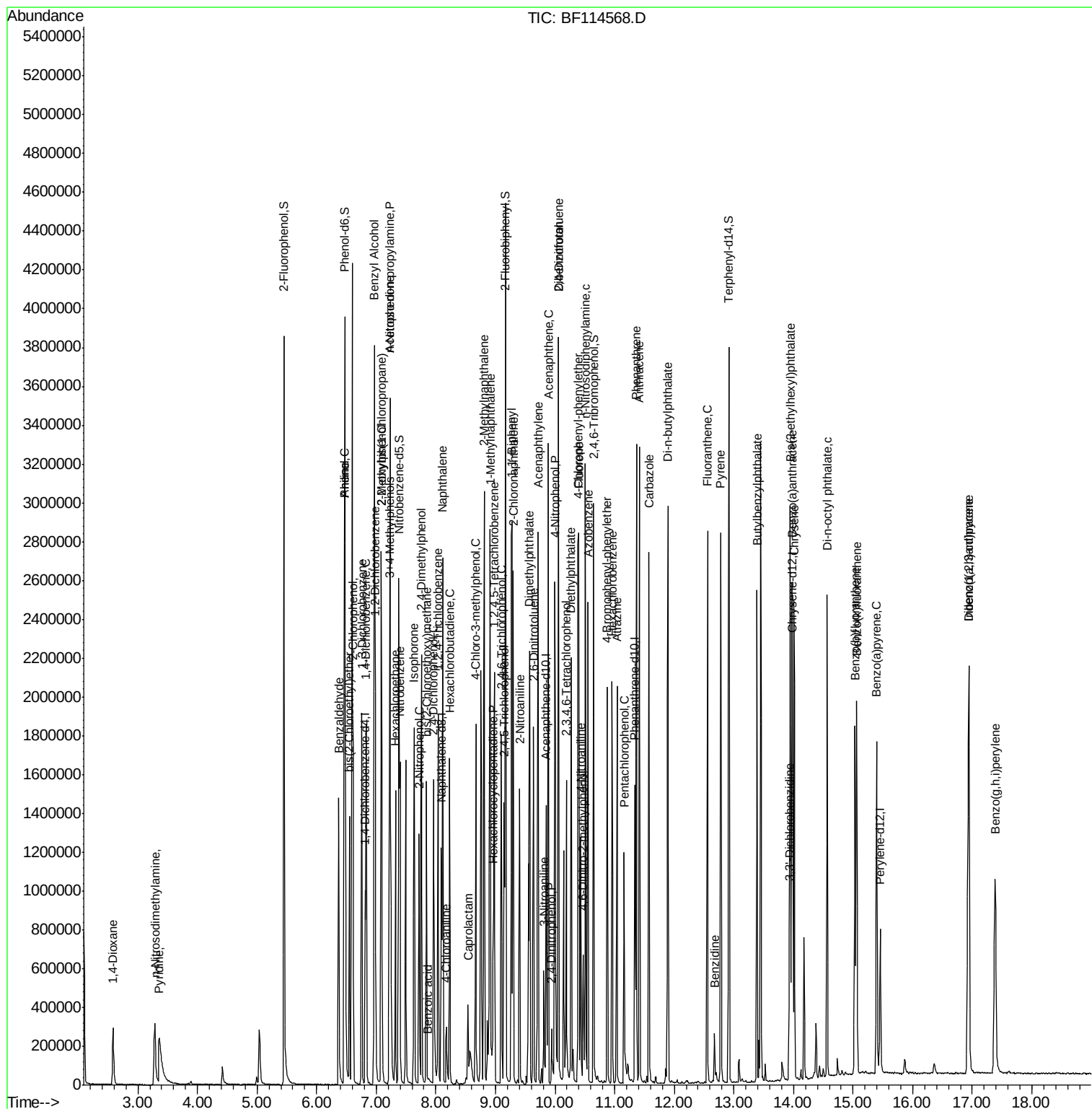
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
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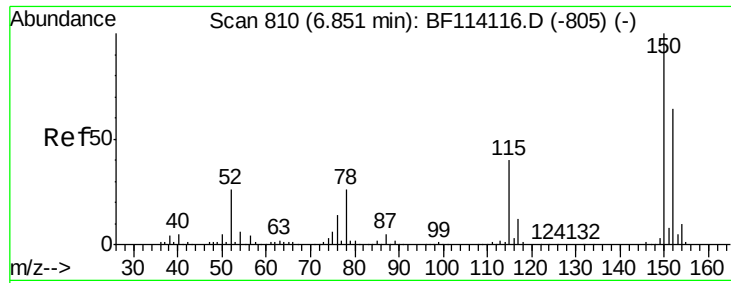
Instrument :
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#1

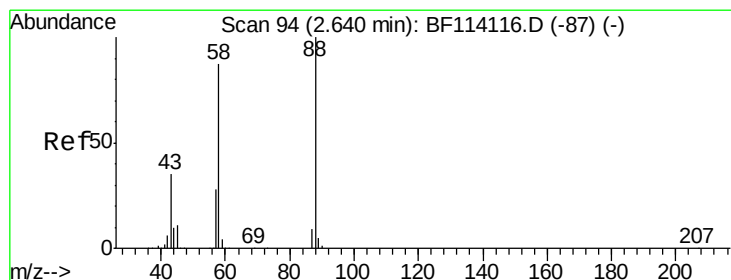
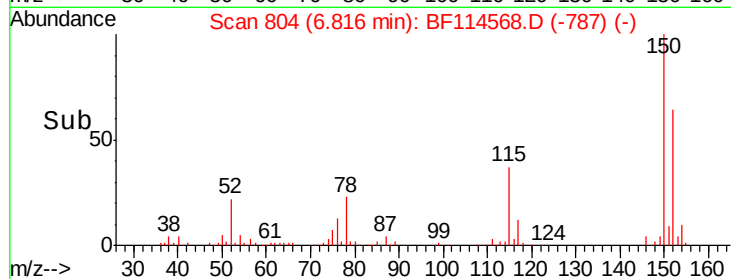
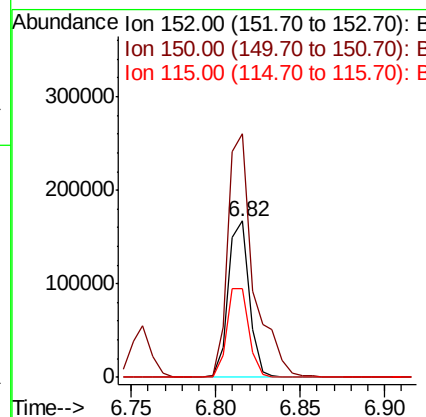
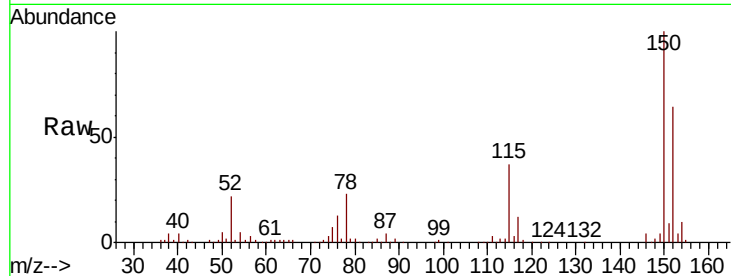
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.3	186.5
115	56.9	49.1	73.7

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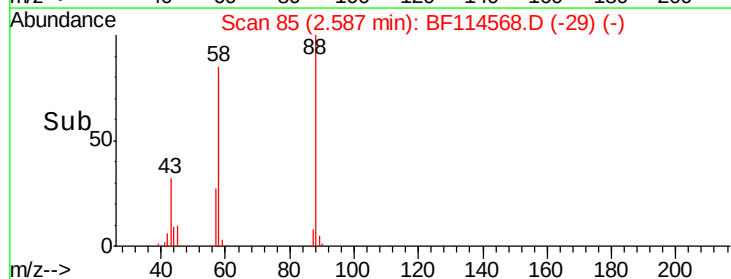
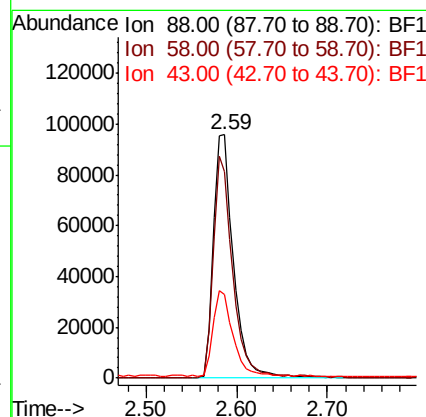
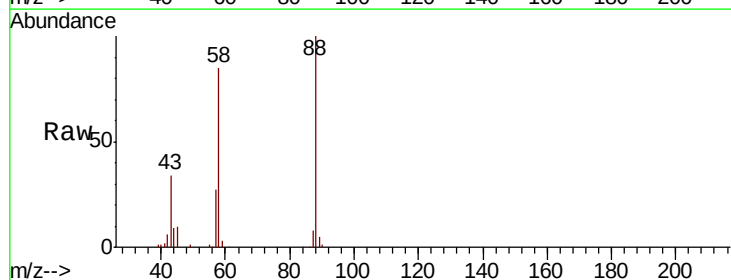
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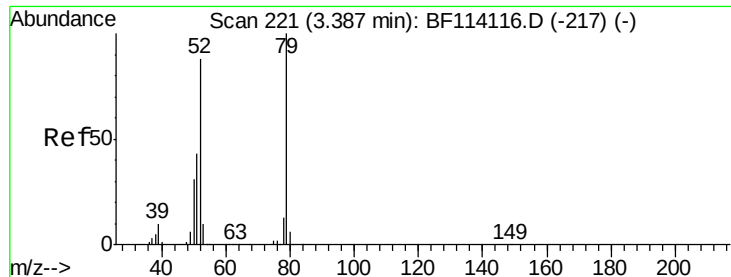


#2

1,4-Dioxane
Concen: 30.106 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.03 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	68.7	103.1
43	35.0	28.2	42.2





#3

Pvridine

Concen: 21.107 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

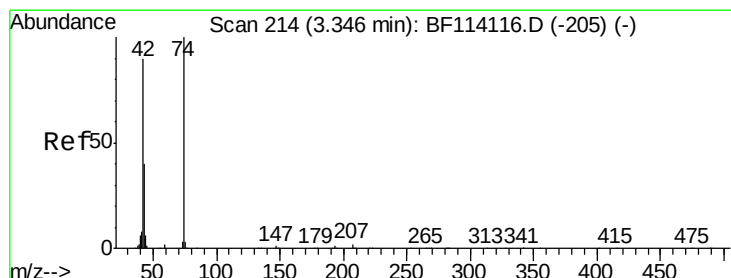
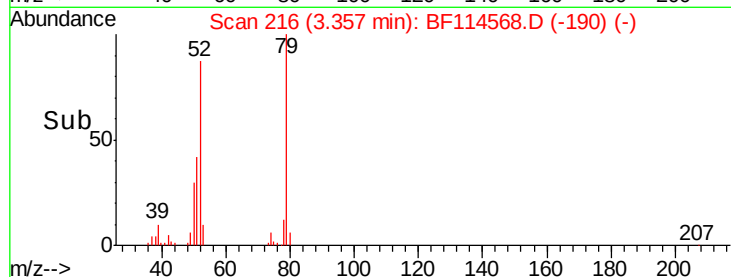
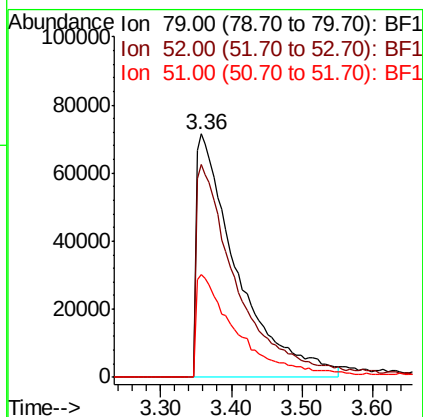
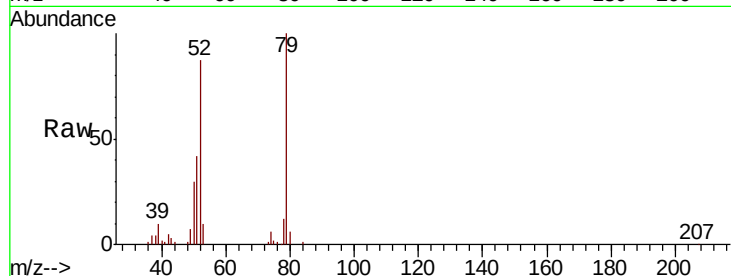
ClientSampleId :

FEBH-05(33-33.5)MS

Tot Ion:	79	Resp:	288718
Ion Ratio	Lower	Upper	
79	100		
52	87.4	70.6	105.8
51	42.0	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 33.588 ng

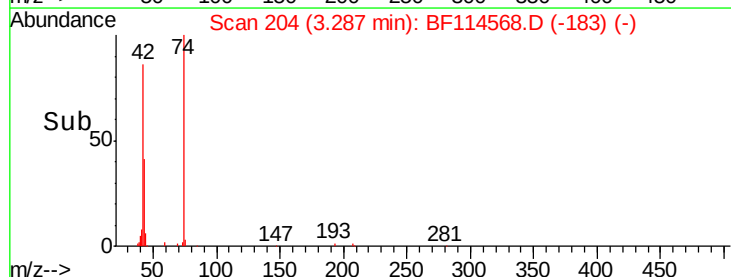
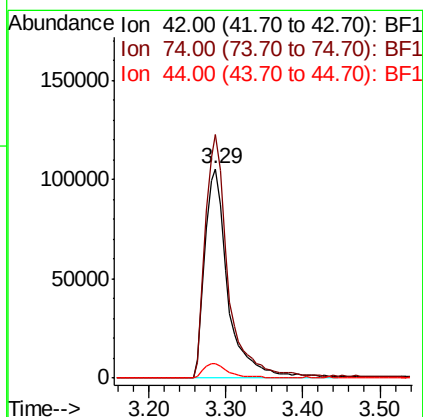
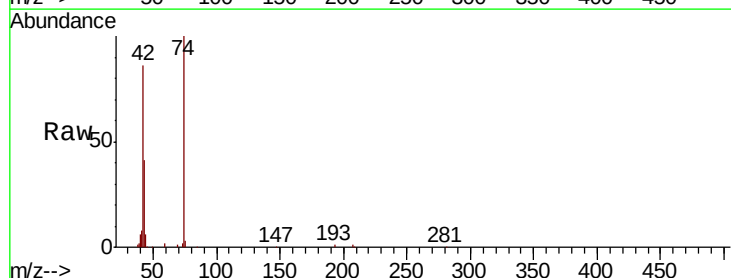
RT: 3.29 min Scan# 204

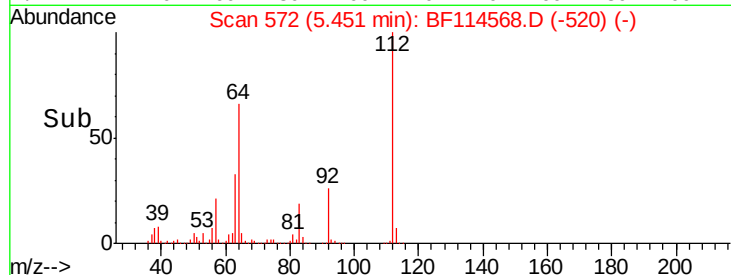
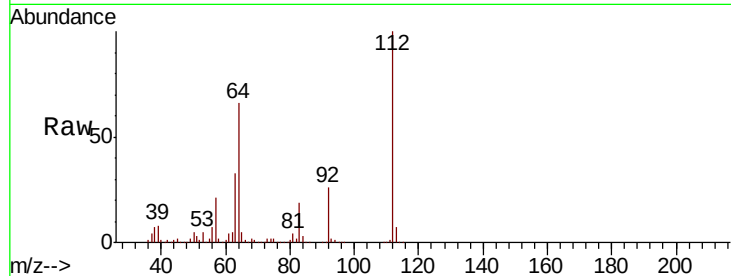
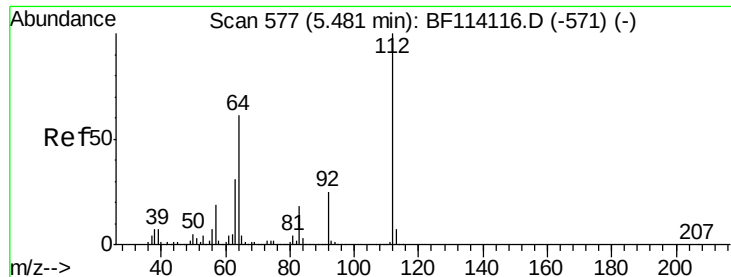
Delta R.T. 0.02 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Tgt Ion:	42	Resp:	221551
Ion Ratio	Lower	Upper	
42	100		
74	116.2	88.6	132.8
44	6.9	5.5	8.3





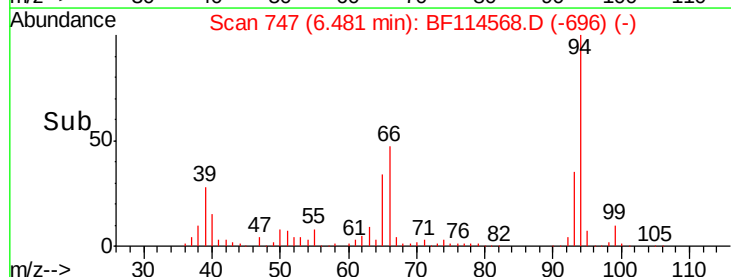
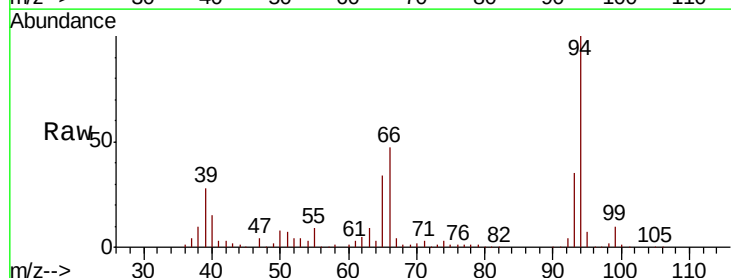
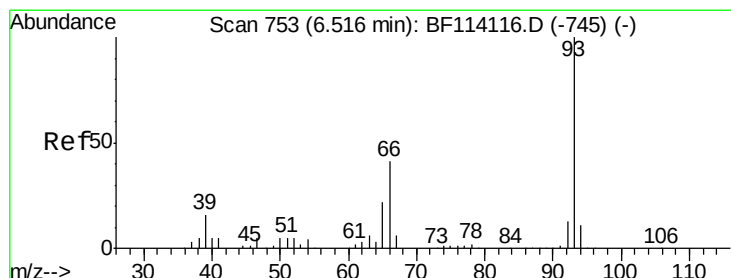
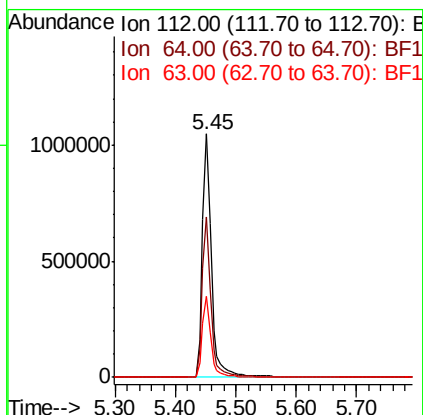
#5
2-Fluorophenol
Concen: 122.437 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1105866		
64	65.9	49.0	73.6	
63	33.2	24.6	37.0	

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

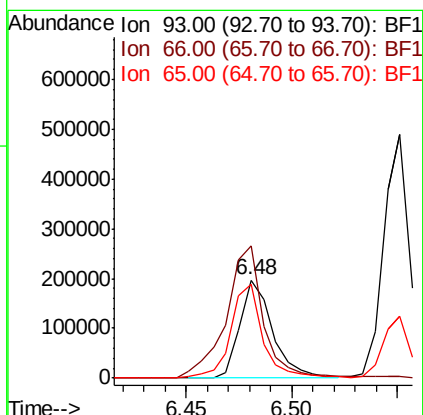
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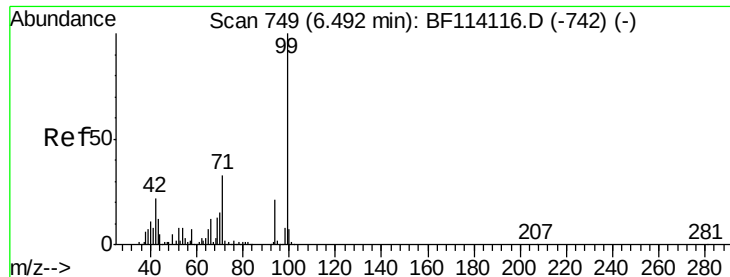
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#6
Aniline
Concen: 13.595 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209787		
66	135.2	33.2	49.8#	
65	96.1	17.6	26.4#	





#7

Phenol-d6

Concen: 133.731 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

ClientSampleId :

FEBH-05(33-33.5)MS

Tot Ion: 99 Resp: 1428596

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

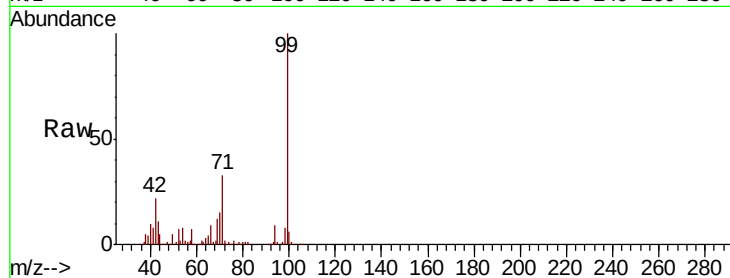
71 32.8 26.2 39.2

Manual Integrations

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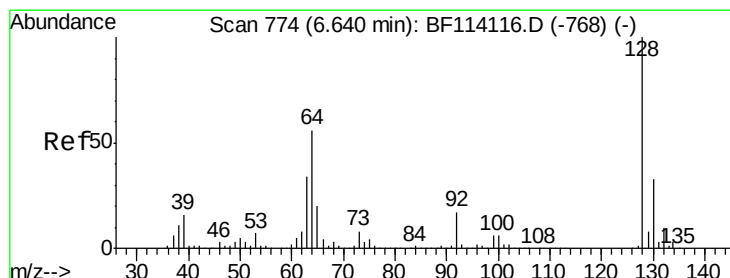
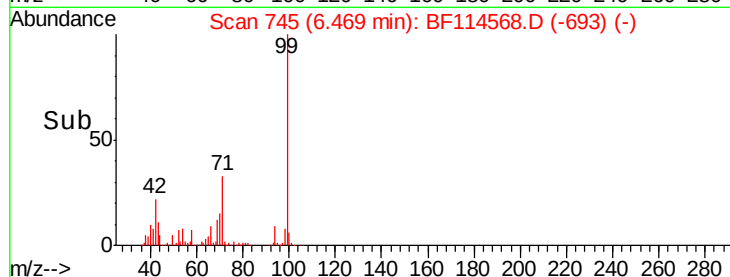
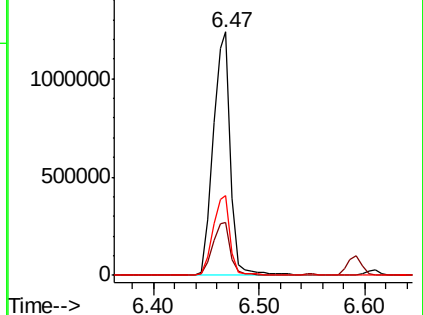
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.840 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

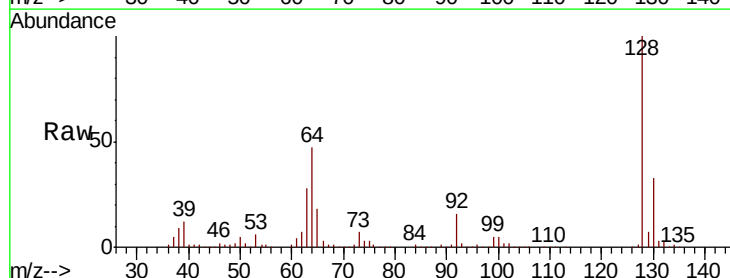
Tgt Ion:128 Resp: 432361

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

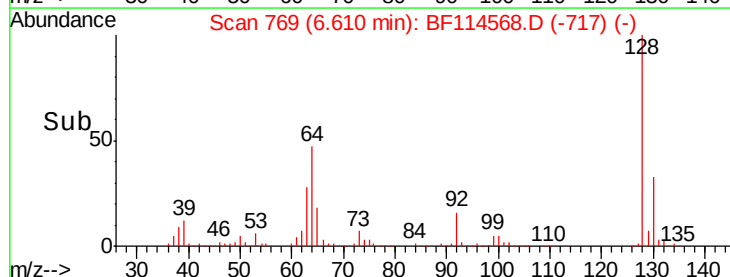
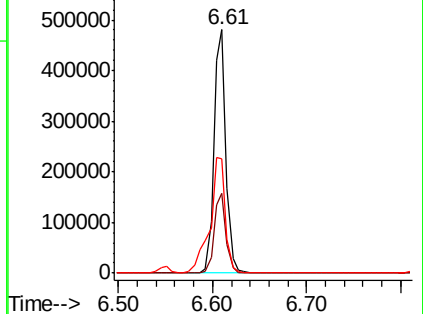
64 46.8 35.9 75.9

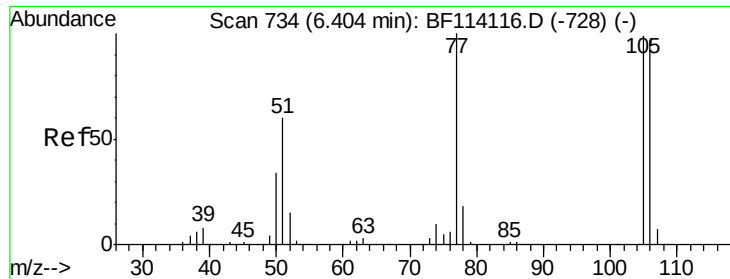


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.558 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

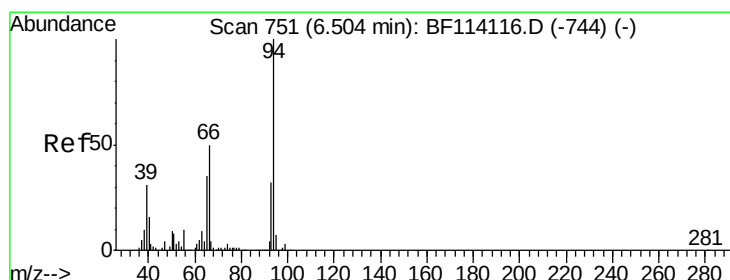
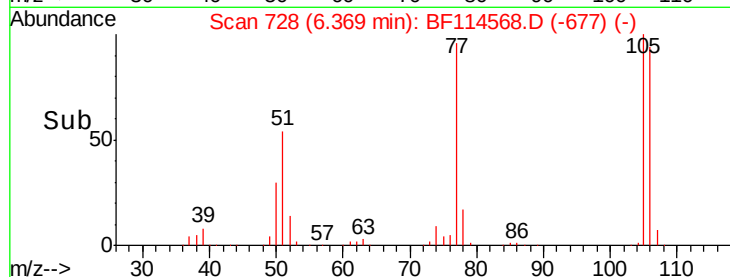
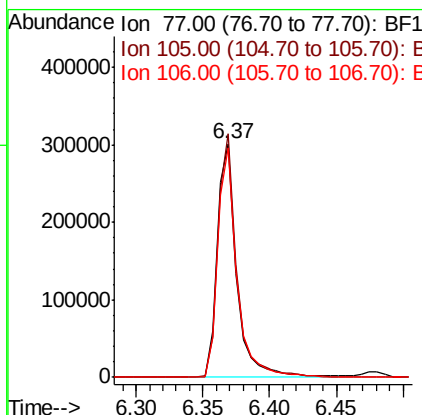
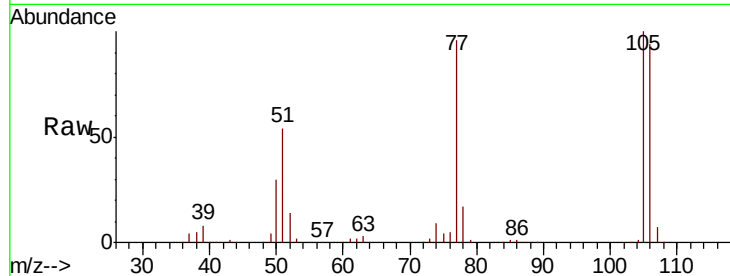
ClientSampleId :

FEBH-05(33-33.5)MS

Tot Ion:	77	Resp:	310796
Ion	Ratio	Lower	Upper
77	100		
105	104.3	79.3	119.3
106	98.2	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 41.188 ng

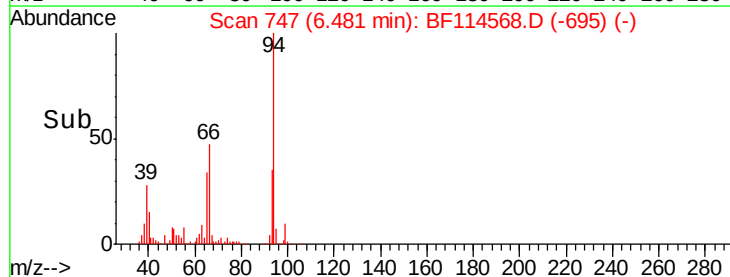
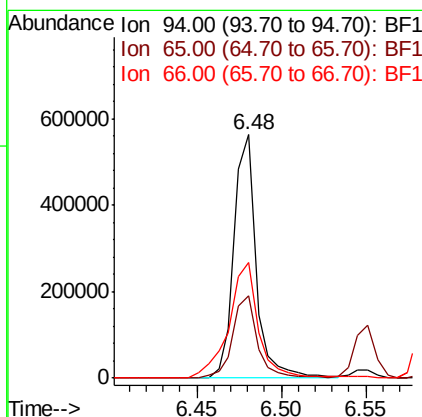
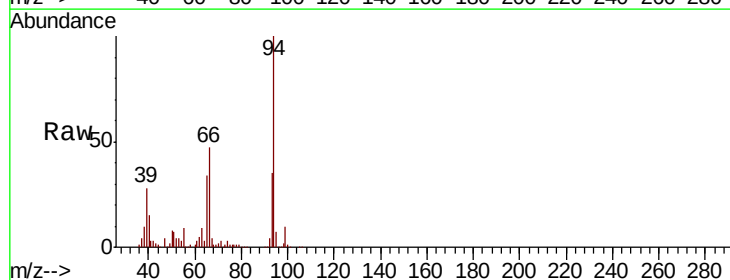
RT: 6.48 min Scan# 747

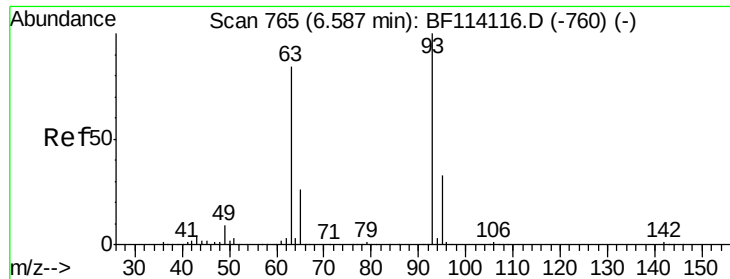
Delta R.T. 0.01 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Tgt Ion:	94	Resp:	517597
Ion	Ratio	Lower	Upper
94	100		
65	33.6	14.7	54.7
66	47.3	29.6	69.6





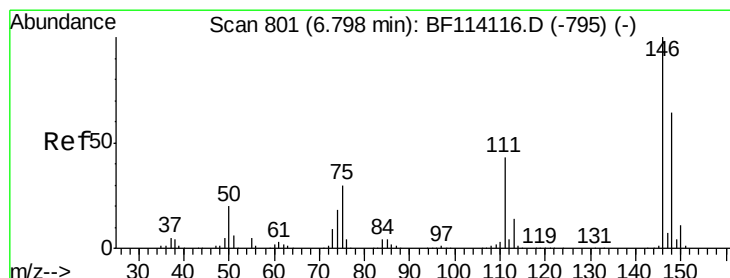
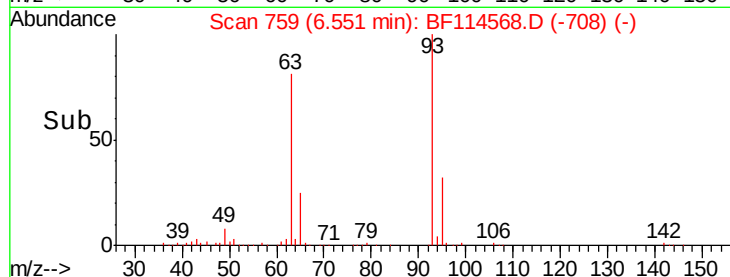
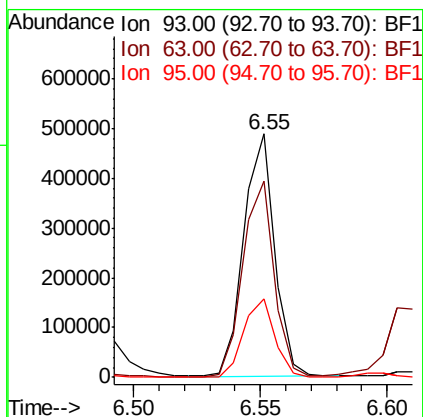
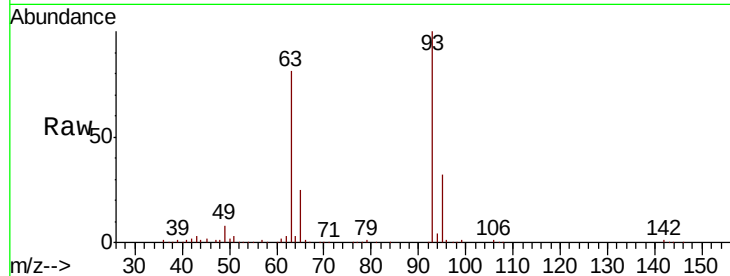
#11
bis(2-Chloroethyl)ether
Concen: 43.298 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	63.6	103.6
95	32.3	13.1	53.1

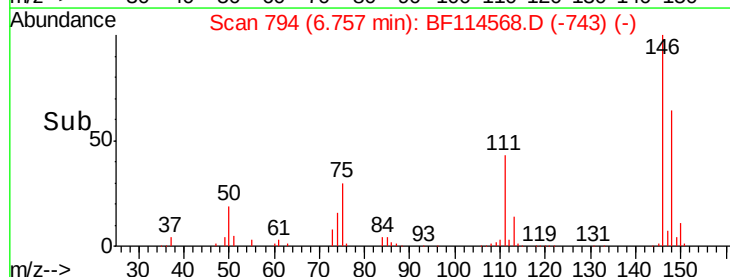
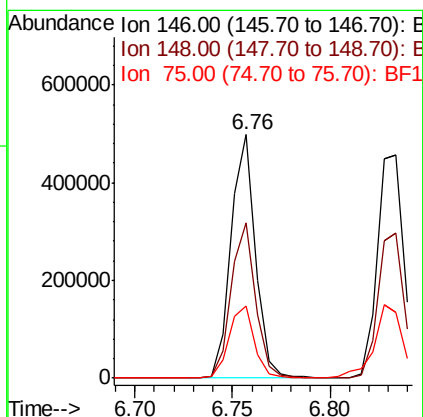
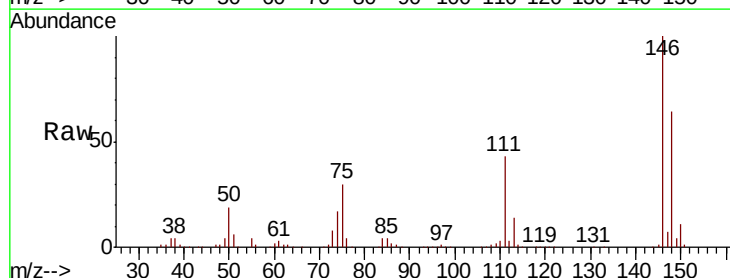
Manual Integrations
APPROVED

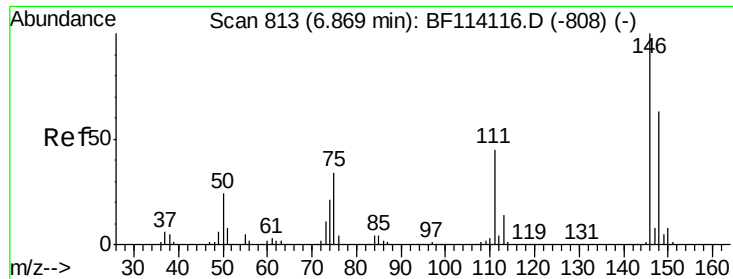
mohammad
5/27/2019 3:47:59 AM



#12
1,3-Dichlorobenzene
Concen: 39.931 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
75	29.7	24.2	36.2





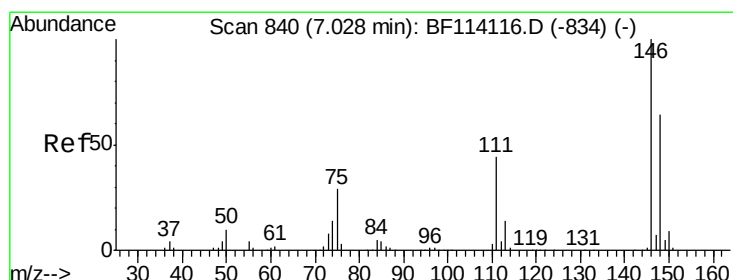
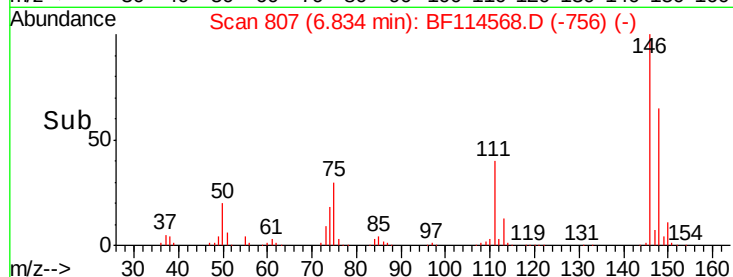
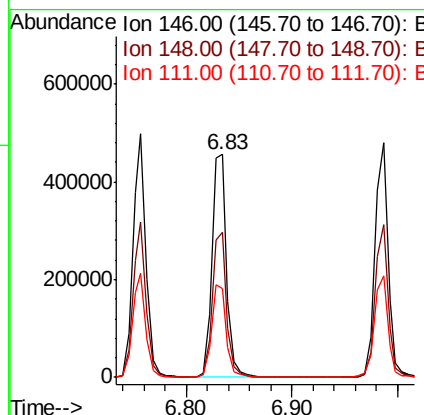
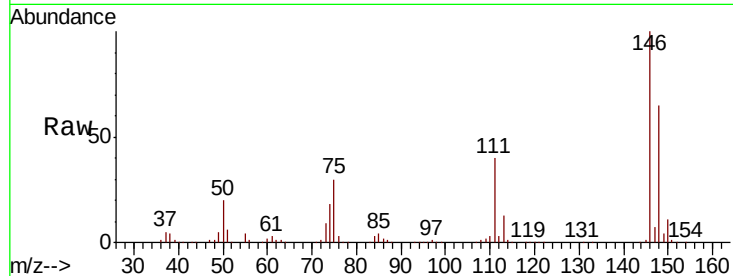
#13
 1,4-Dichlorobenzene
 Concen: 40.761 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.2	75.2
111	39.8	35.8	53.6

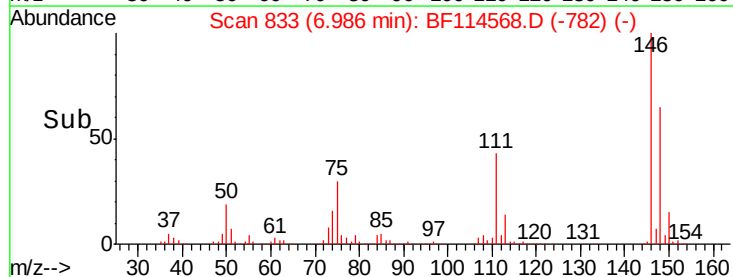
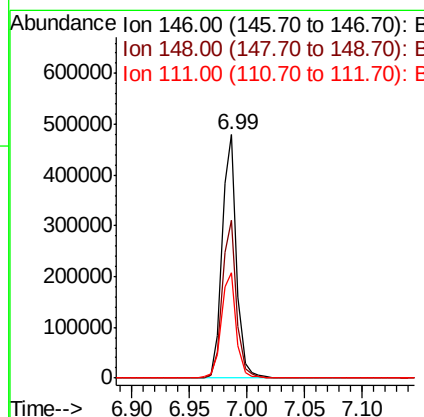
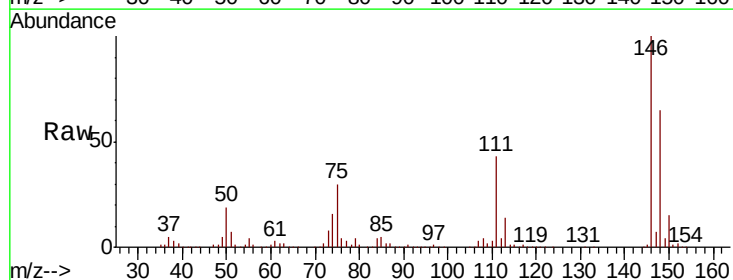
Manual Integrations
 APPROVED

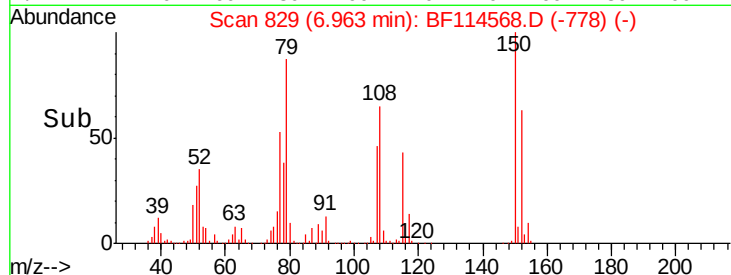
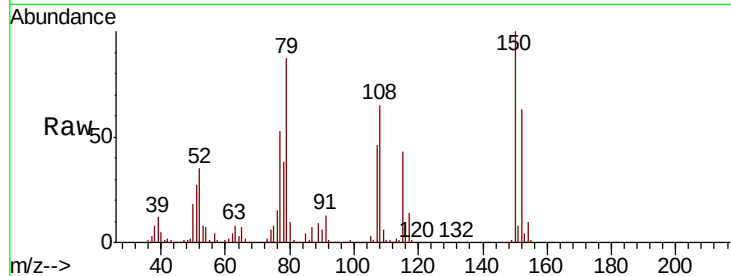
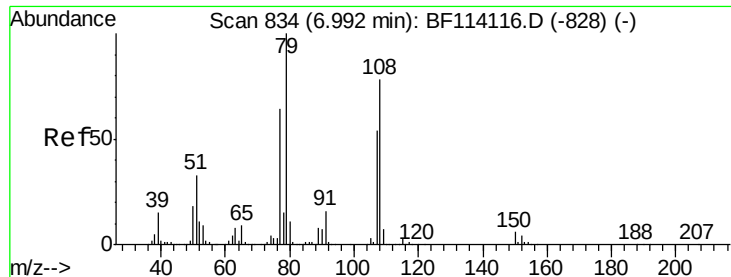
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.312 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	43.2	35.3	52.9





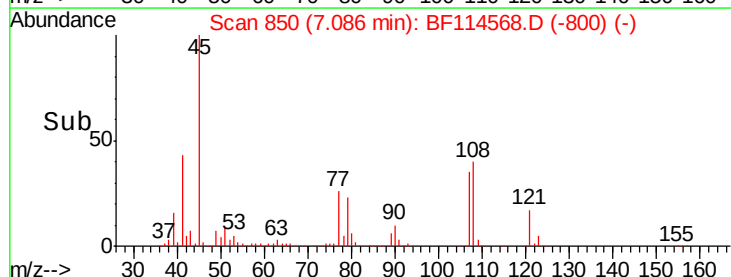
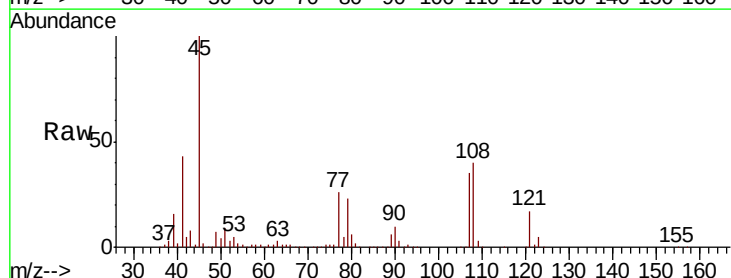
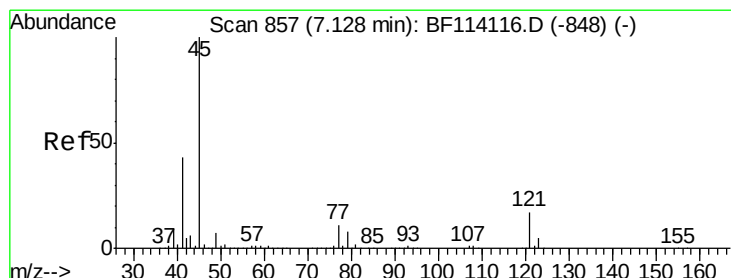
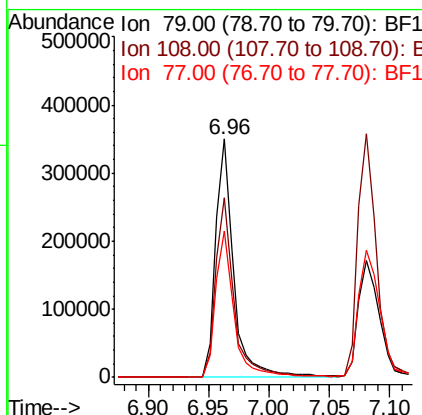
#15
Benzyl Alcohol
Concen: 43.024 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.1	62.1	93.1	
77	61.6	51.0	76.6	

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

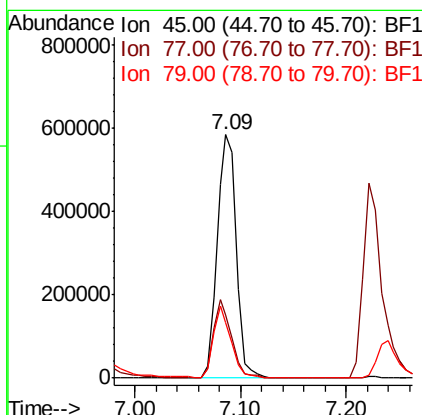
Manual Integrations
APPROVED

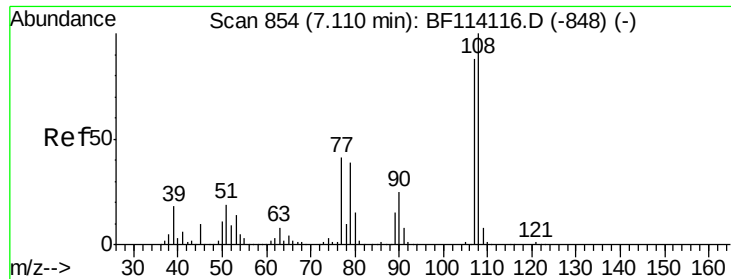
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.167 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.9	0.0	31.1	
79	22.7	0.0	28.4	





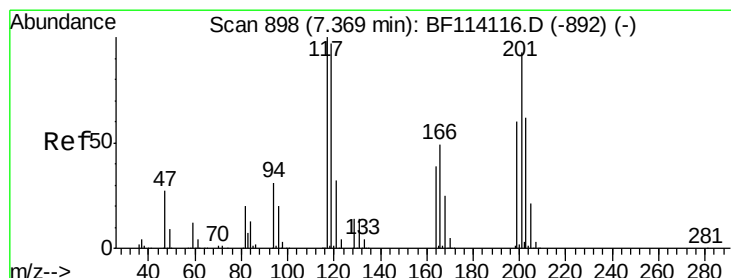
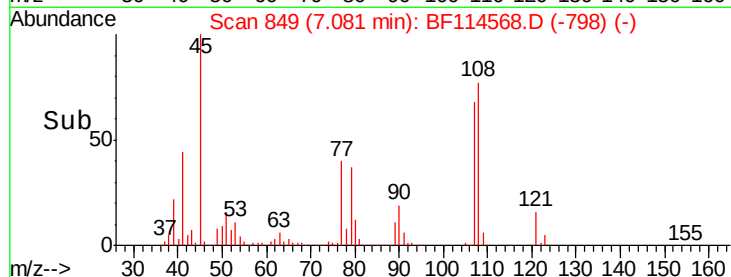
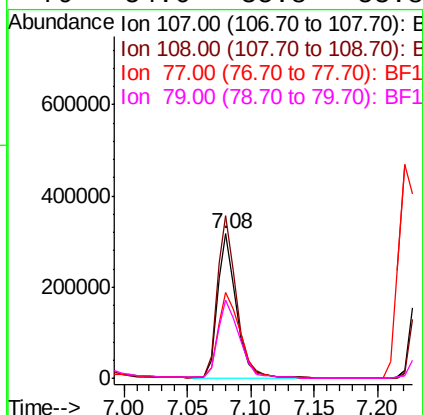
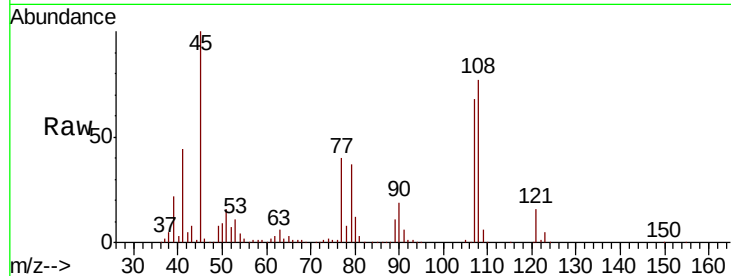
#17
2-Methylphenol
Concen: 41.676 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	90.5	135.7	
77	59.1	37.0	55.4	
79	54.6	35.8	53.8	

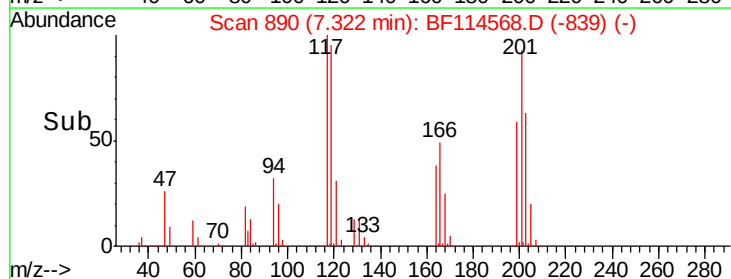
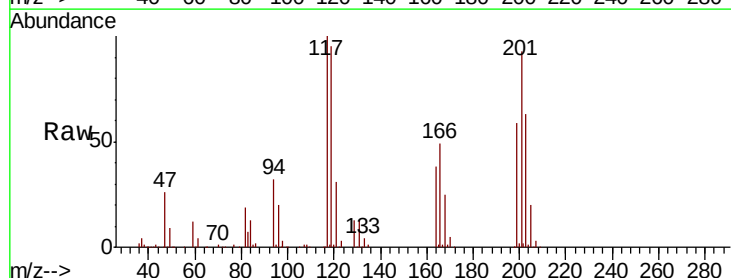
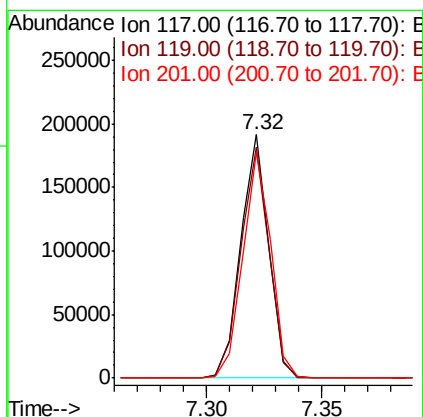
Manual Integrations
APPROVED

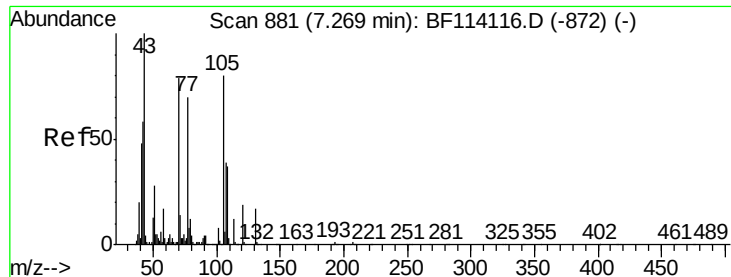
mohammad
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#18
Hexachloroethane
Concen: 39.354 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.4	116.2	
201	92.6	74.5	111.7	





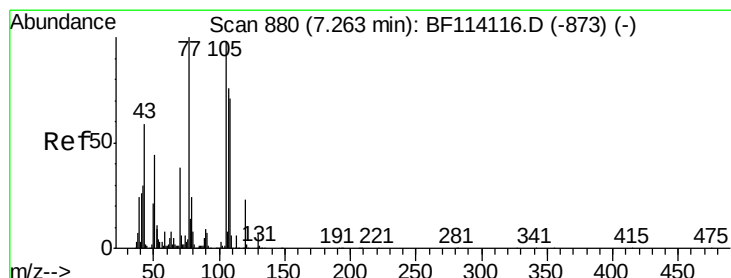
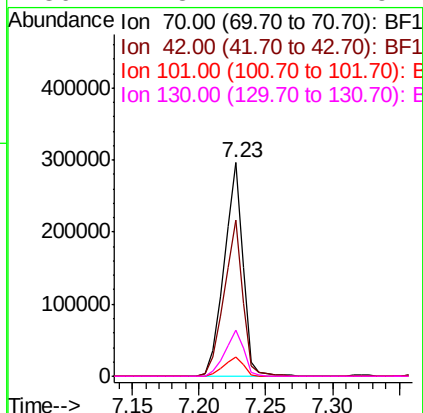
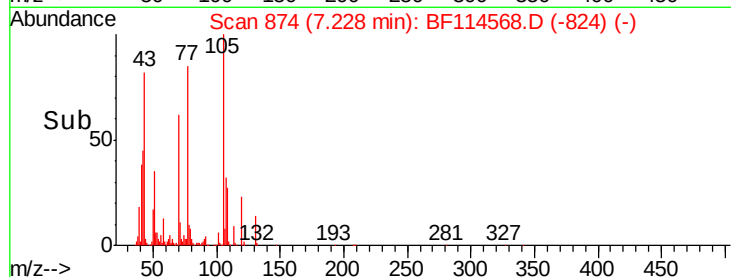
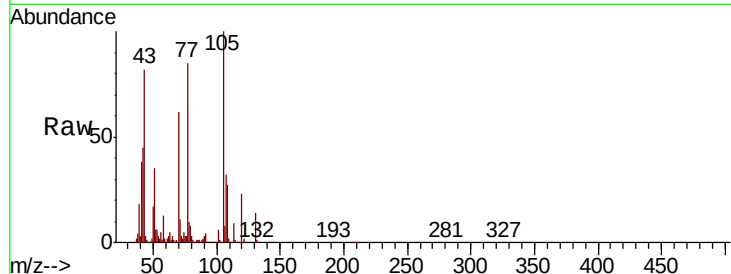
#19
n-Nitroso-di-n-propylamine
Concen: 43.821 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.1	58.6	87.8
101	9.3	7.8	11.8
130	21.8	17.1	25.7

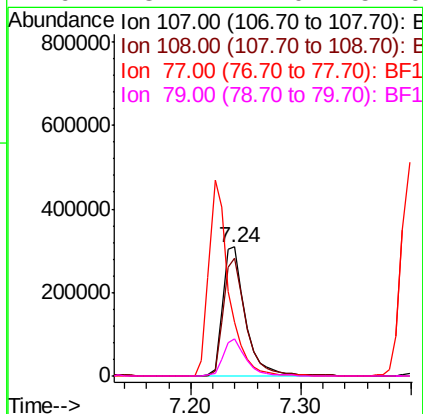
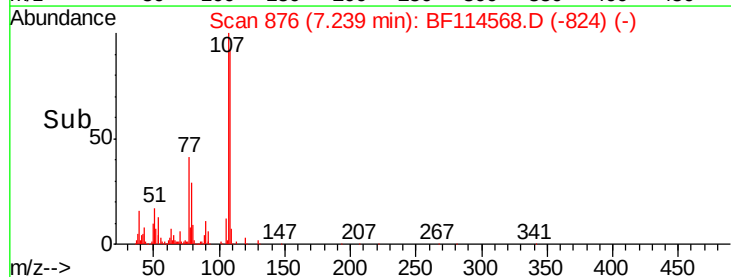
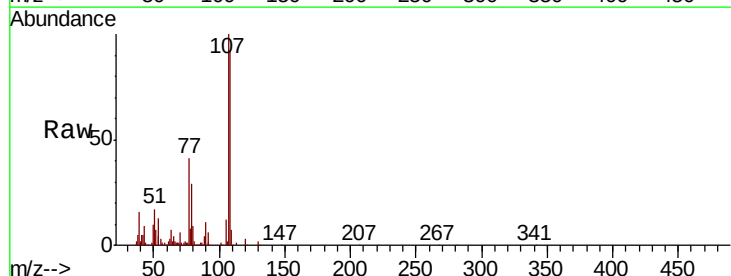
Manual Integrations
APPROVED

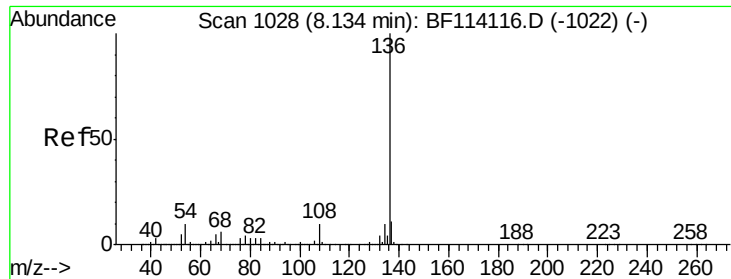
mohammad
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#20
3+4-Methylphenols
Concen: 48.345 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.8	113.8
77	41.3	111.5	151.5#
79	28.7	12.0	52.0





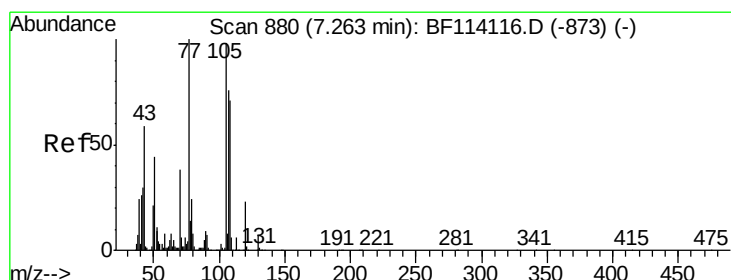
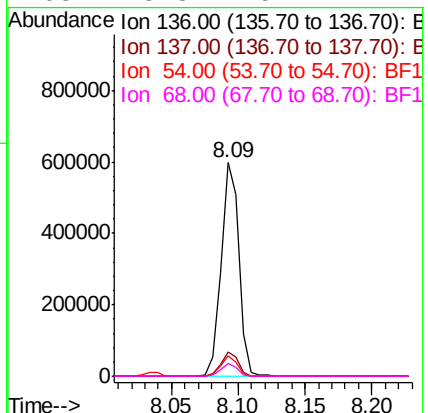
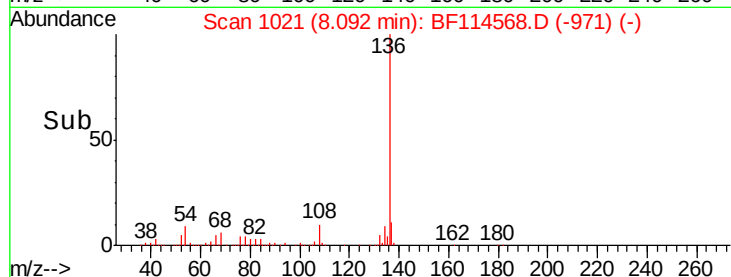
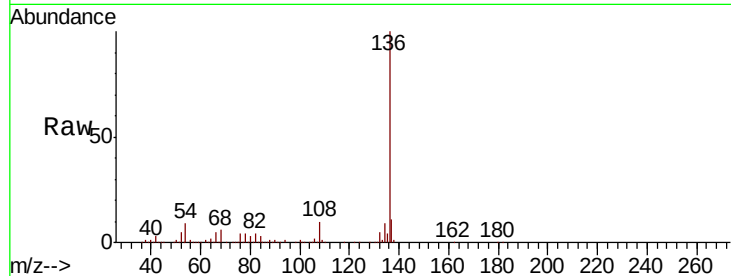
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	561361		
137	11.3		8.8	13.2
54	9.4		7.8	11.8
68	5.8		5.1	7.7

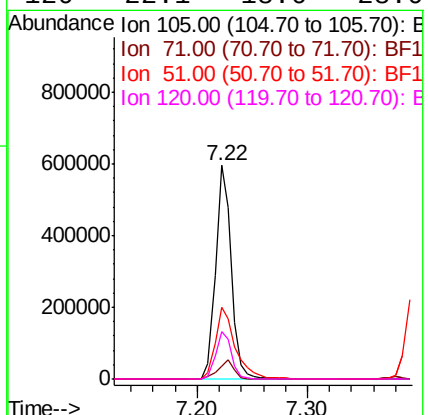
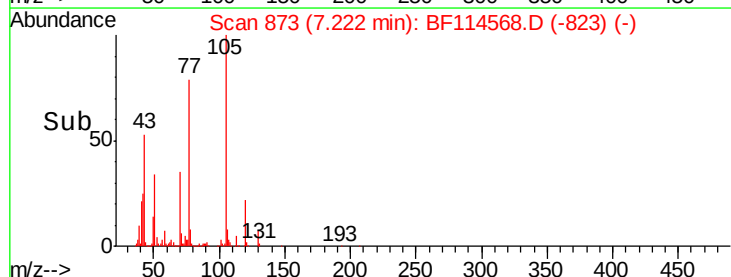
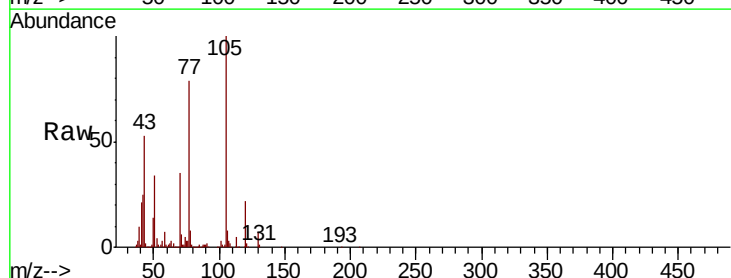
Manual Integrations
APPROVED

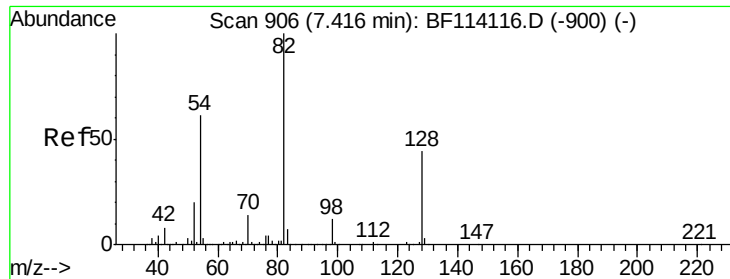
mohammad
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#22
Acetophenone
Concen: 46.578 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	579242		
71	5.7		5.3	7.9
51	33.5		36.2	54.4
120	22.1		18.6	28.0





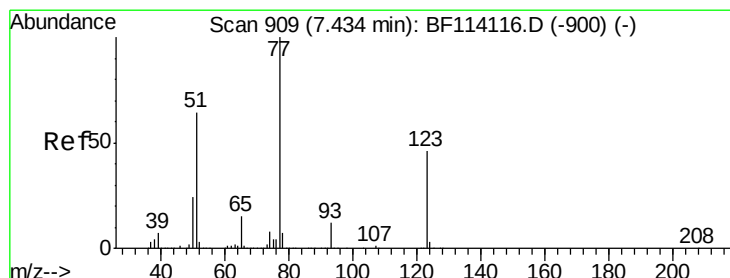
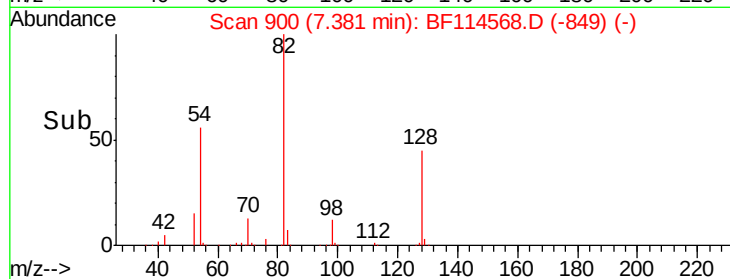
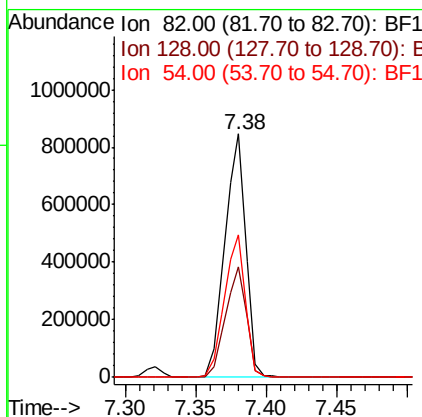
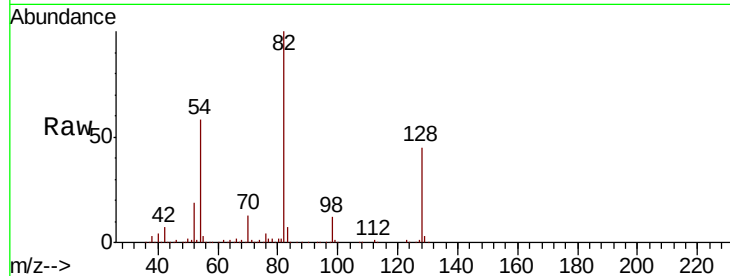
#23
Nitrobenzene-d5
Concen: 87.144 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	871690		
128	45.4	35.5	53.3	
54	58.4	48.5	72.7	

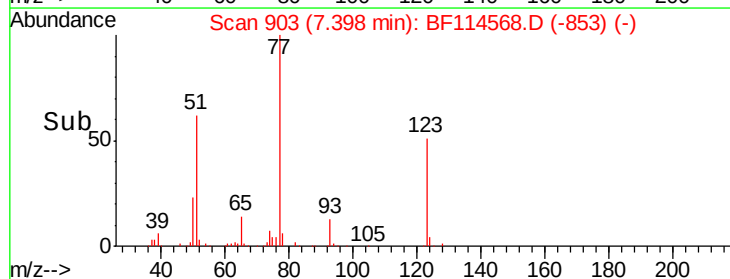
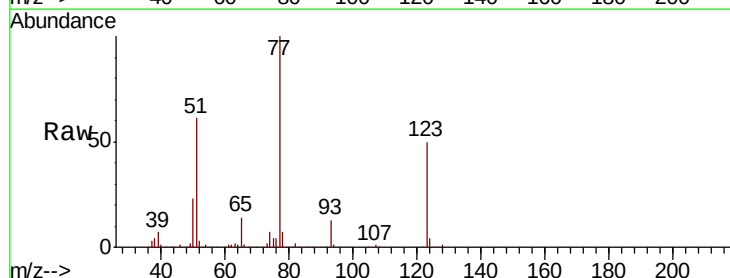
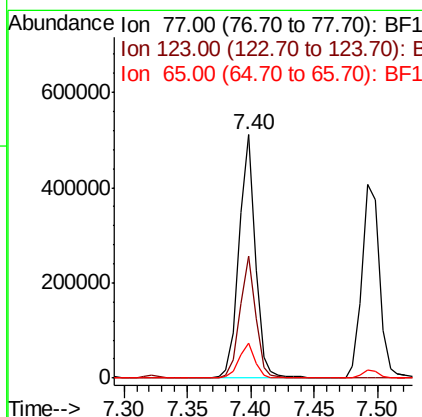
Manual Integrations
APPROVED

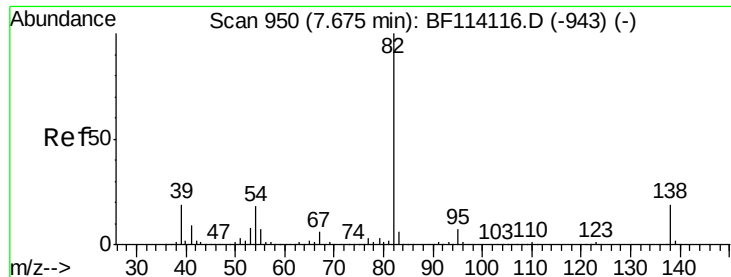
mohammad
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#24
Nitrobenzene
Concen: 43.928 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	447532		
123	49.9	36.9	55.3	
65	14.3	11.8	17.6	





#25

Isophorone

Concen: 44.326 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

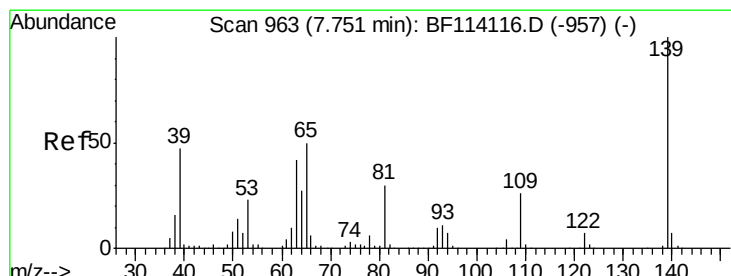
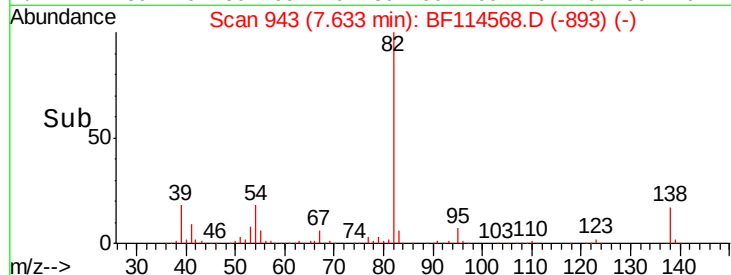
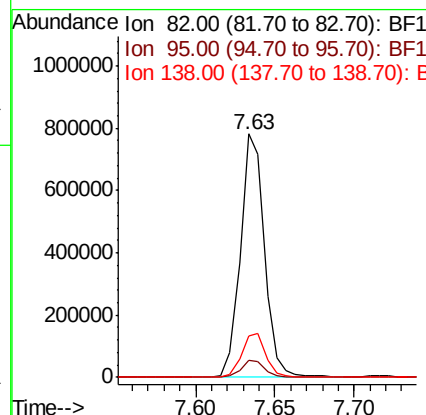
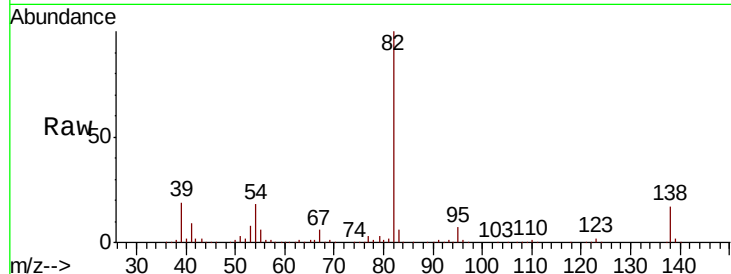
ClientSampleId :

FEBH-05(33-33.5)MS

Tot Ion	82	Resp	822311
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.2	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.197 ng

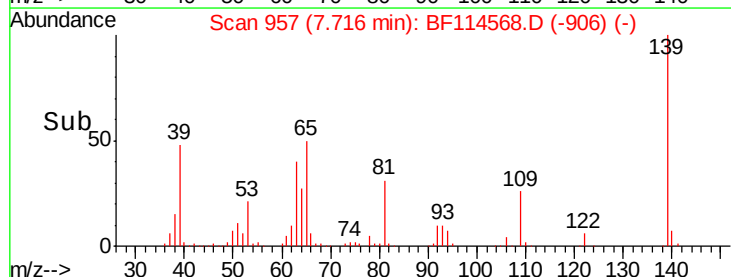
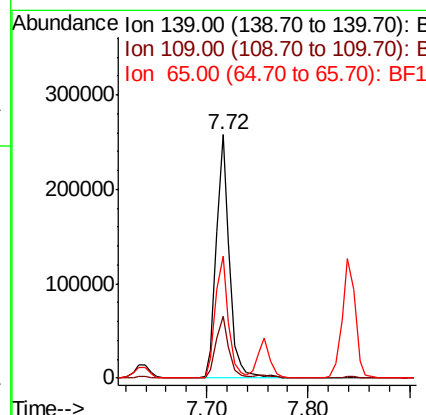
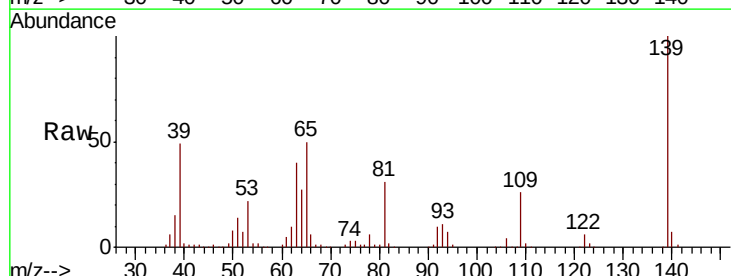
RT: 7.72 min Scan# 957

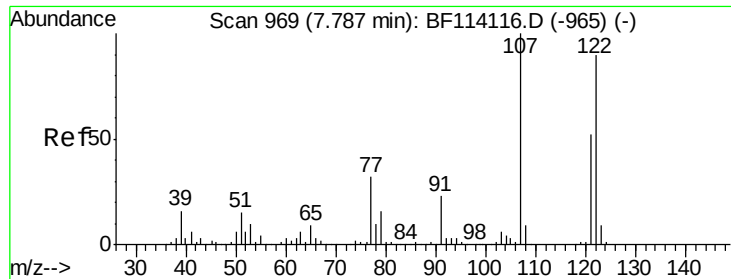
Delta R.T. -0.00 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Tgt Ion	139	Resp	233285
Ion Ratio	Lower	Upper	
139	100		
109	25.5	20.7	31.1
65	50.2	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 44.744 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

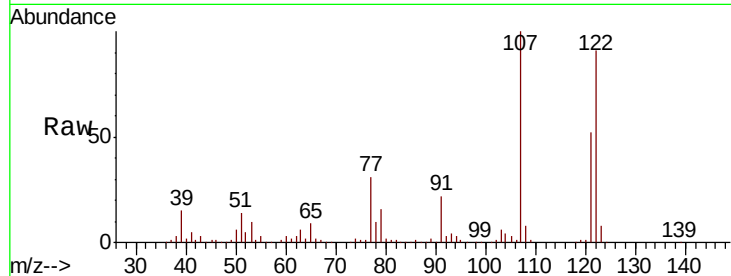
ClientSampleId :

FEBH-05(33-33.5)MS

Tot Ion:	122	Resp:	347354
Ion Ratio	Lower	Upper	
122	100		
107	109.7	88.4	132.6
121	57.3	45.9	68.9

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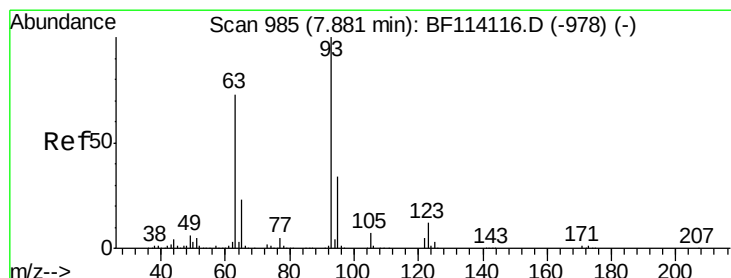
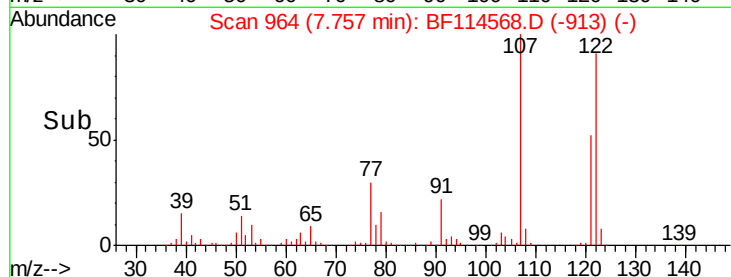
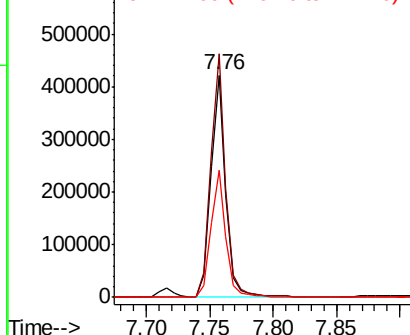


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.199 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

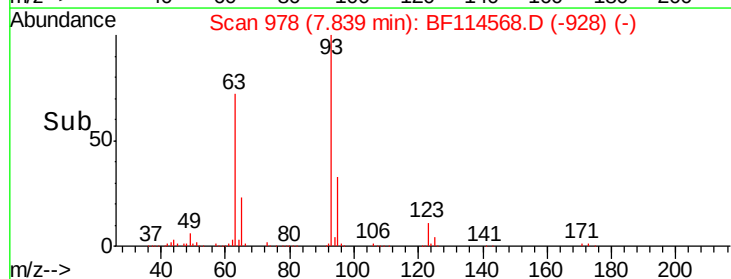
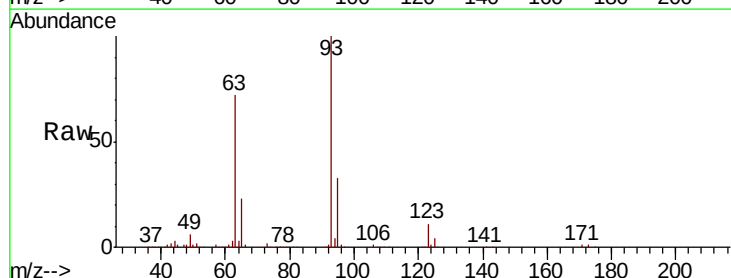
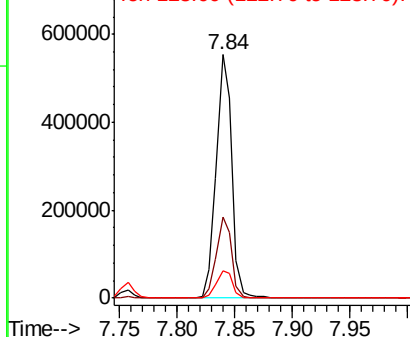
Tgt Ion:	93	Resp:	519973
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	11.0	9.5	14.3

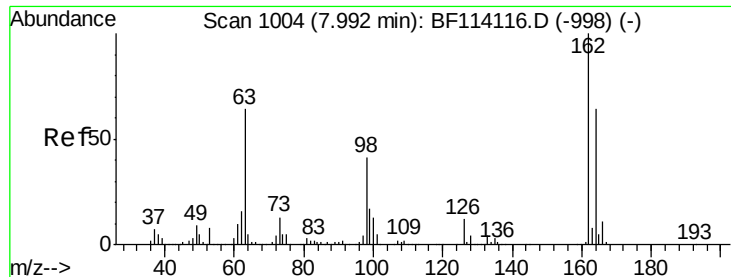
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





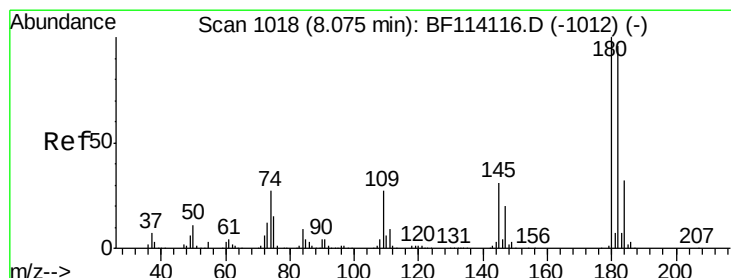
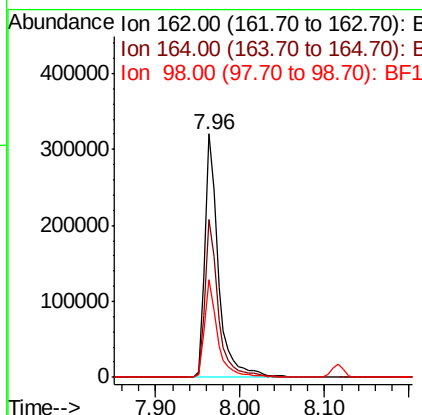
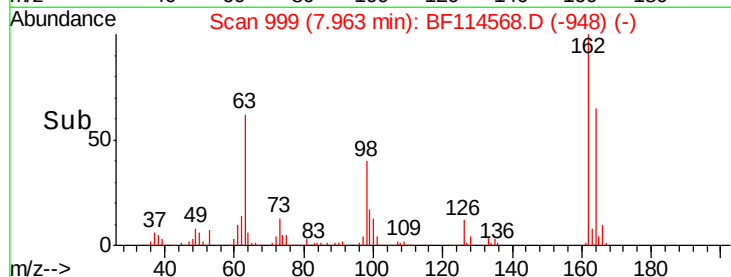
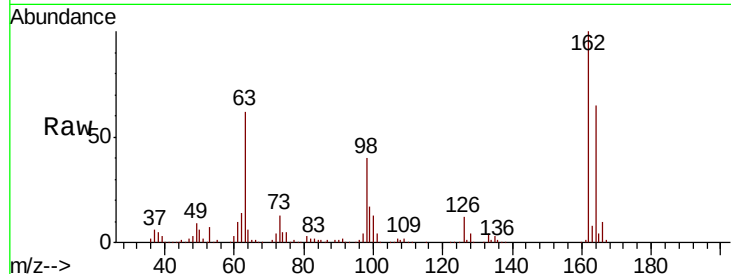
#29
 2,4-Dichlorophenol
 Concen: 46.247 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	357503		
164	64.9	43.6	83.6	
98	40.1	20.6	60.6	

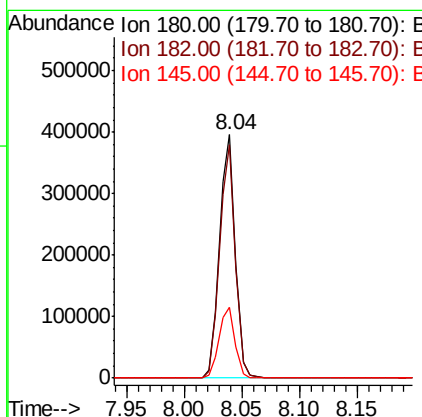
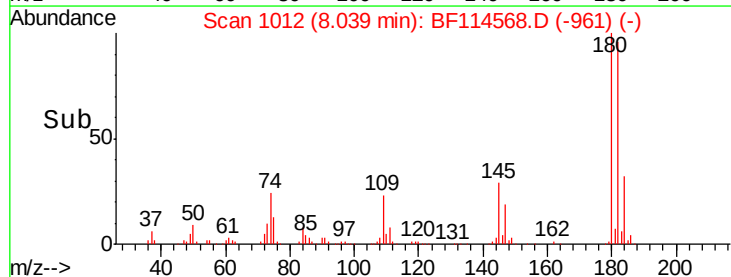
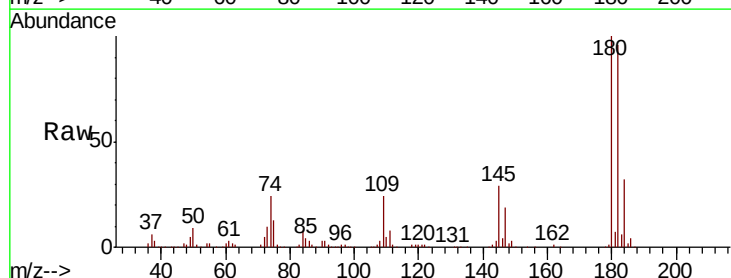
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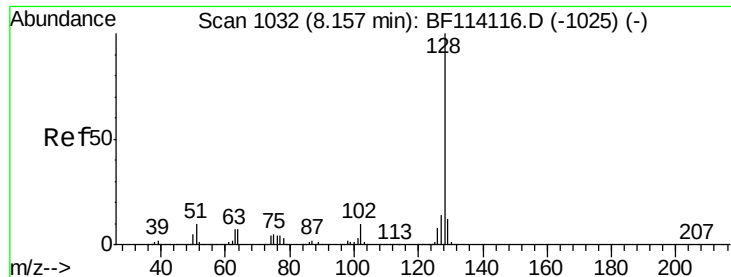
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.290 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371737		
182	95.6	76.6	114.8	
145	29.2	25.1	37.7	





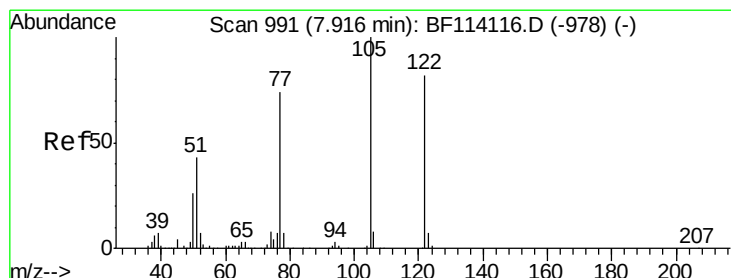
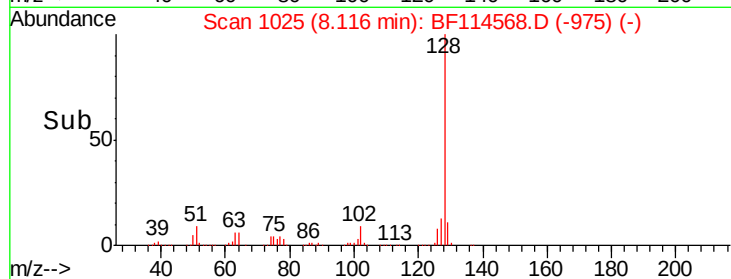
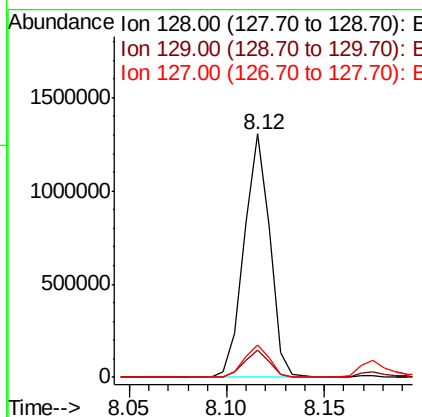
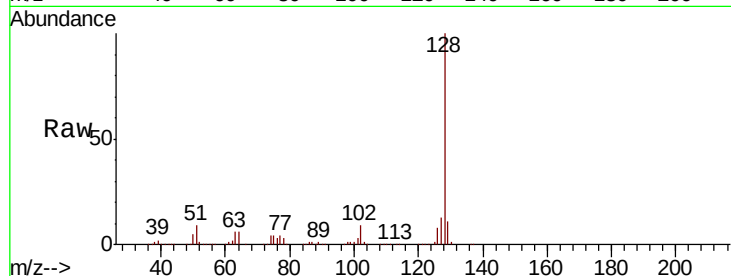
#31
Naphthalene
Concen: 45.539 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

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

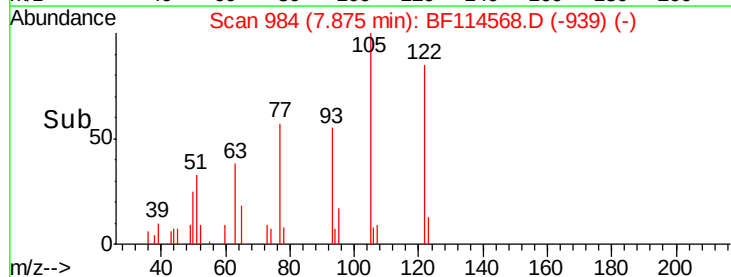
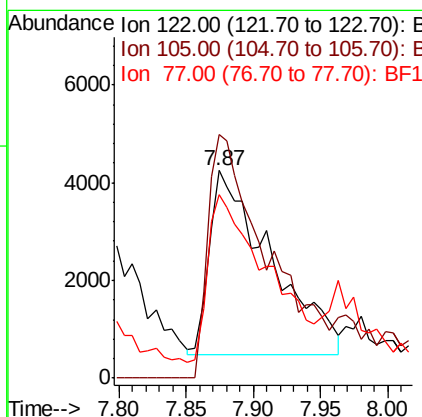
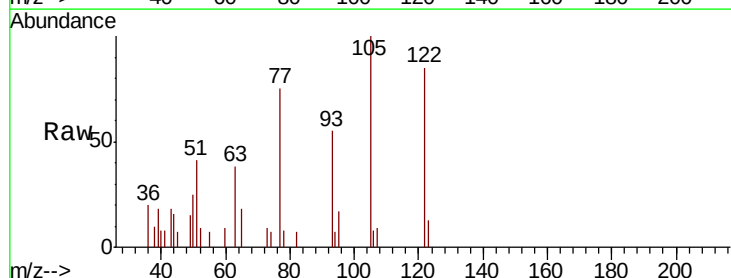
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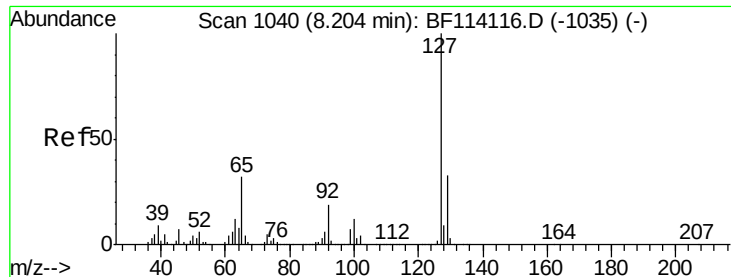
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#32
Benzoic acid
Concen: 8.869 ng m
RT: 7.87 min Scan# 984
Delta R.T. -0.04 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	99.9	139.9
77	88.2	69.4	109.4





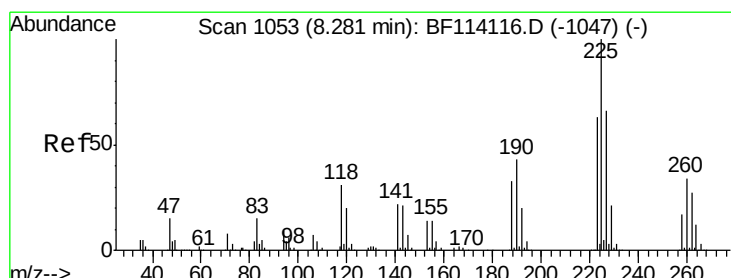
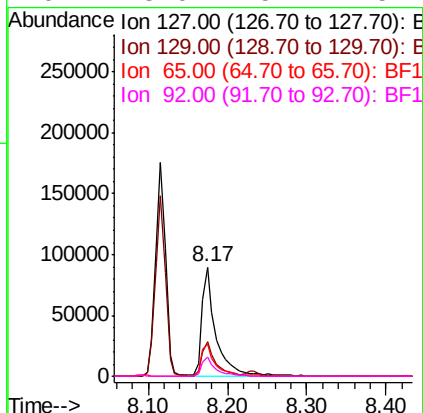
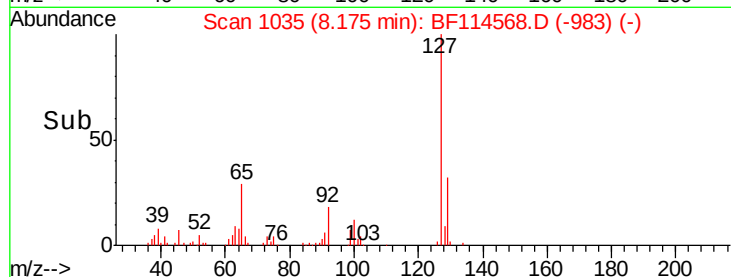
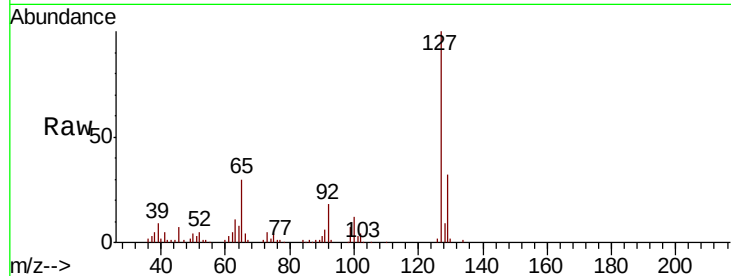
#33
4-Chloroaniline
Concen: 9.451 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.7	40.1		
65	29.6	25.4	38.0		
92	18.0	15.4	23.2		

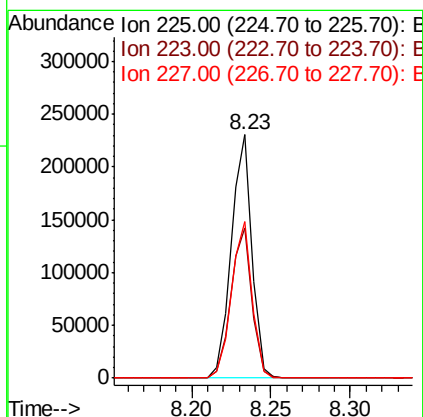
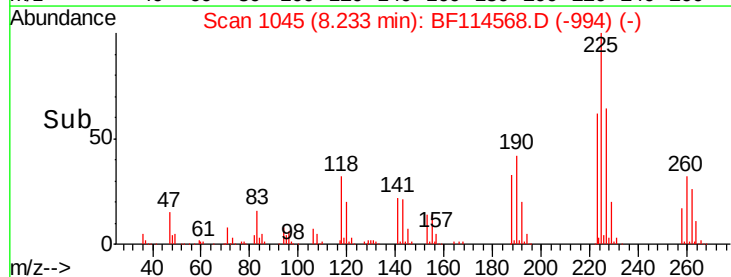
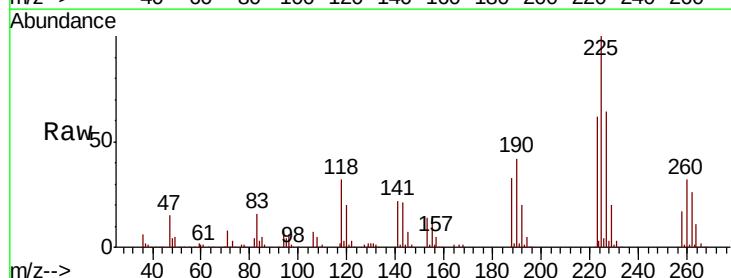
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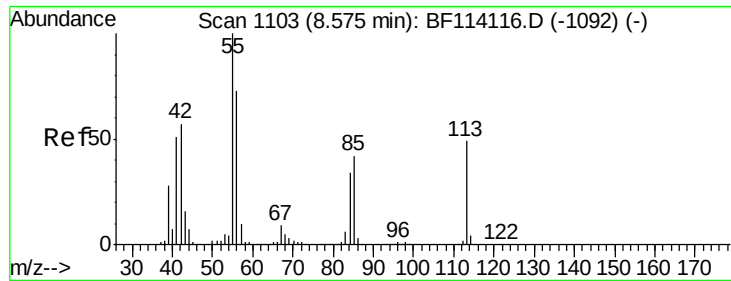
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#34
Hexachlorobutadiene
Concen: 41.507 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.2	75.2		
227	64.4	52.6	79.0		





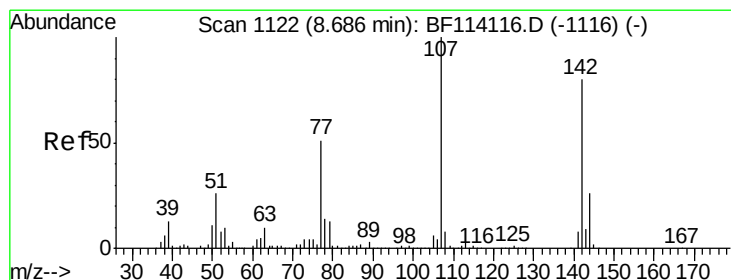
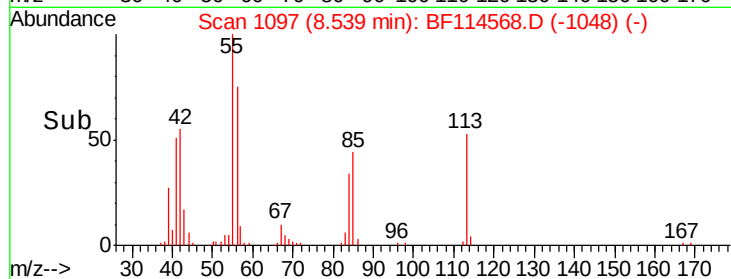
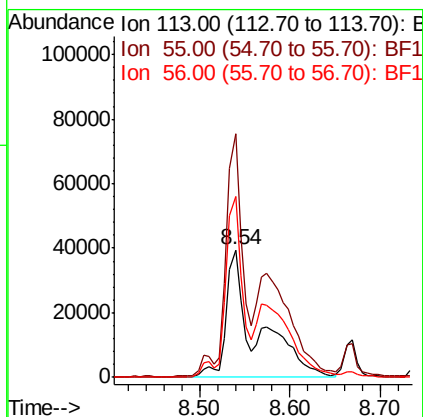
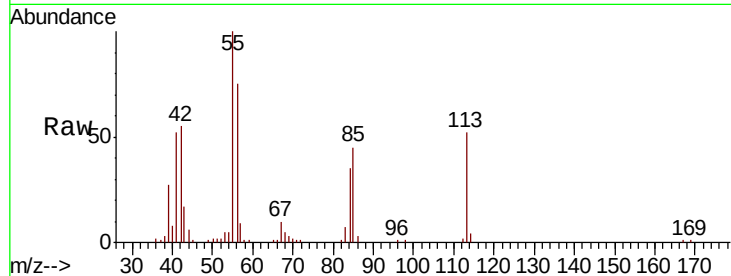
#35
 Caprolactam
 Concen: 36.443 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.1	183.5	223.5
56	142.5	128.8	168.8

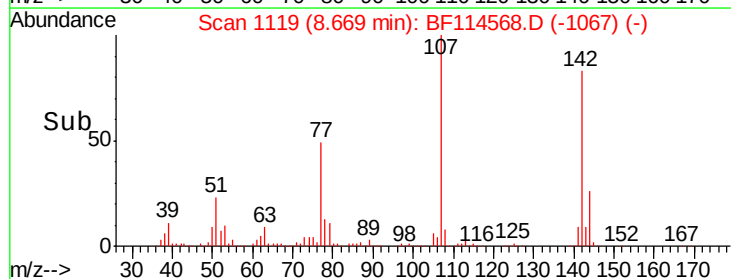
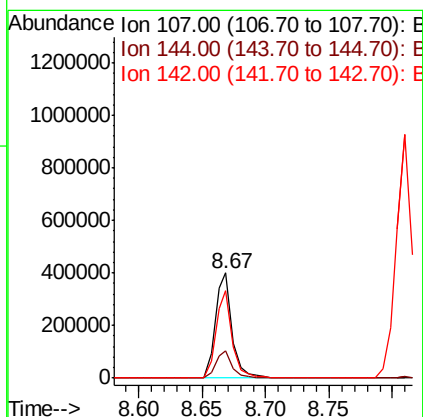
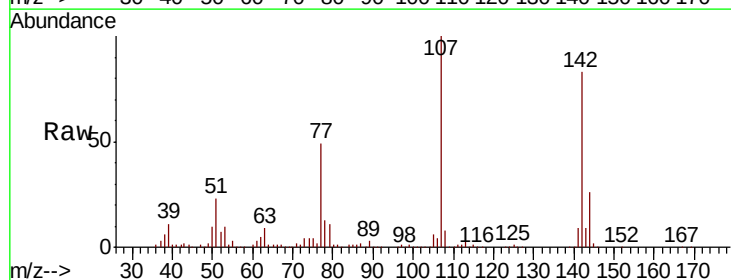
Manual Integrations
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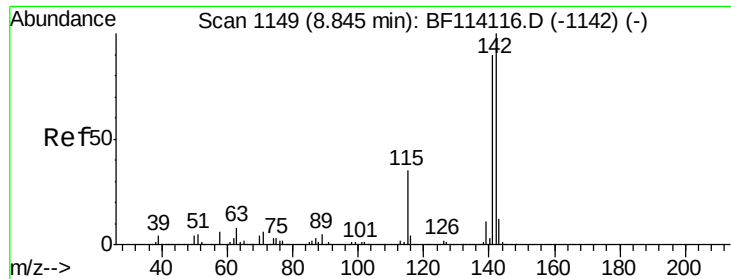
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.237 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.4	30.6
142	82.6	64.2	96.4





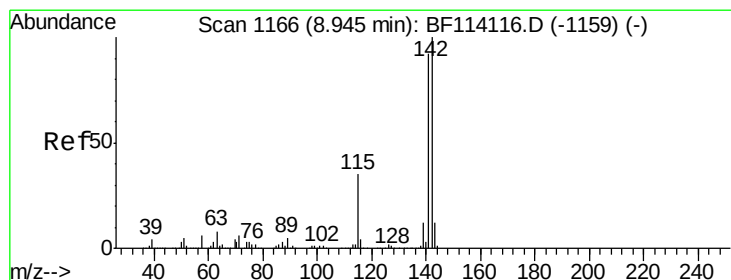
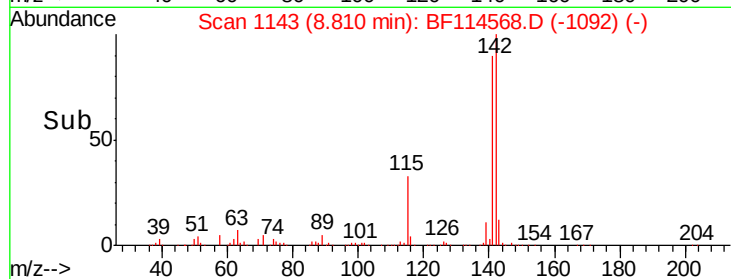
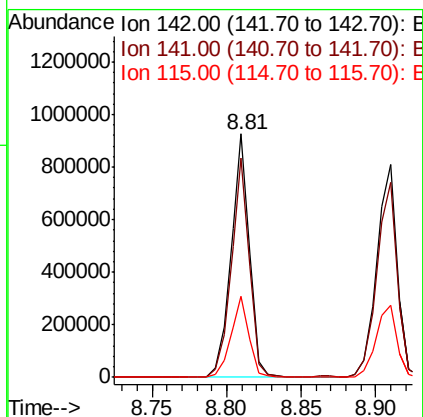
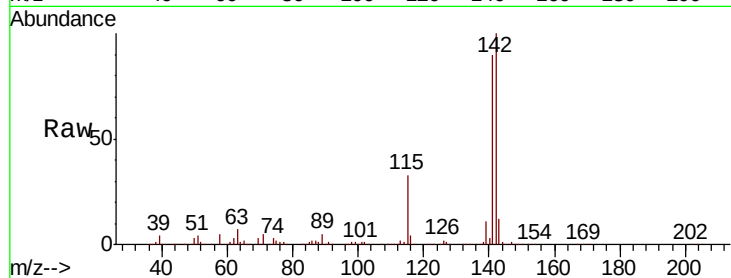
#37
2-Methylnaphthalene
Concen: 47.625 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.1	108.1
115	33.4	28.0	42.0

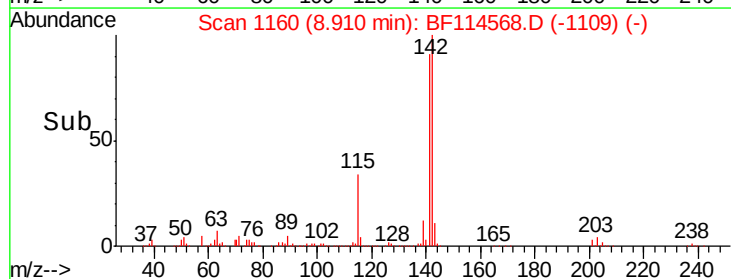
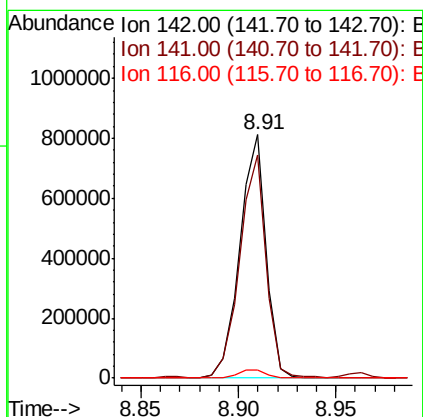
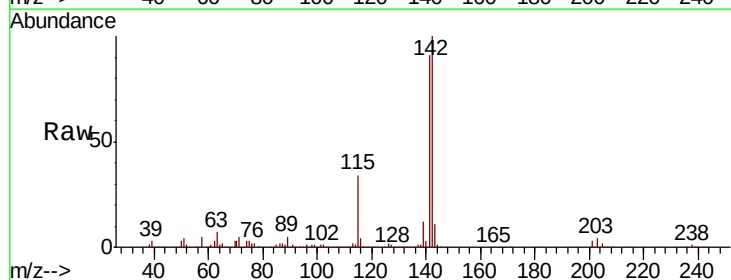
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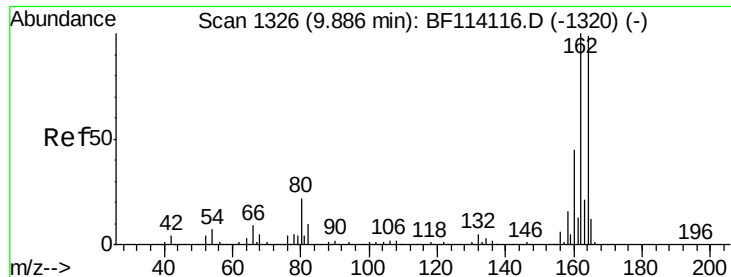
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#38
1-Methylnaphthalene
Concen: 47.146 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.0
116	3.5	3.1	4.7





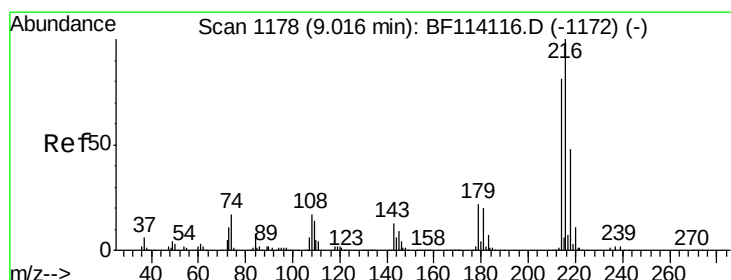
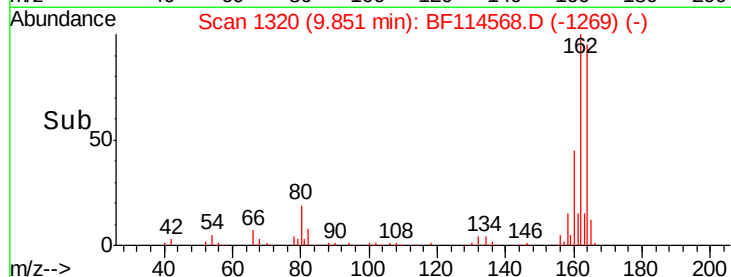
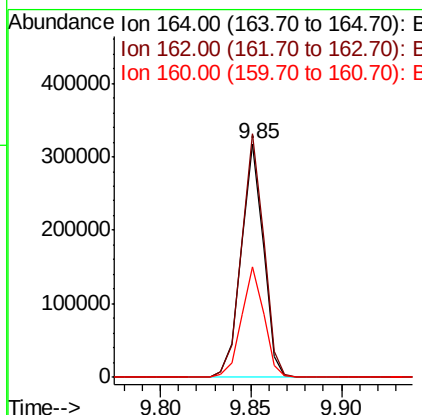
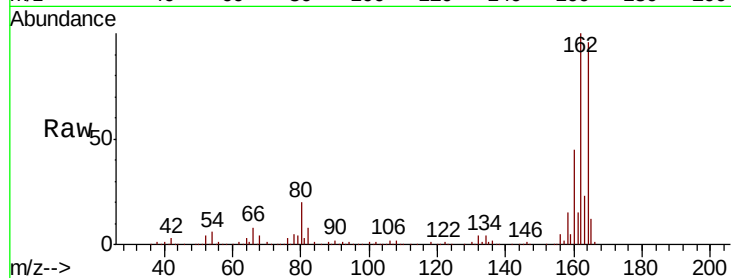
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	80.6	120.8	
160	47.1	36.5	54.7	

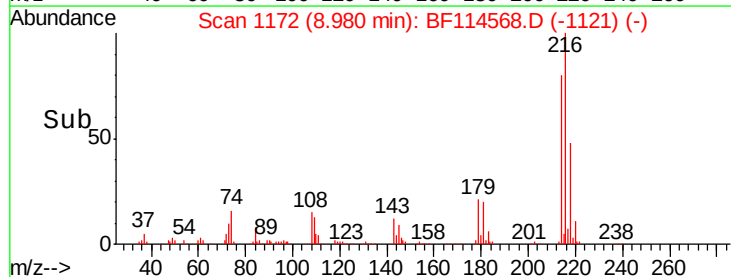
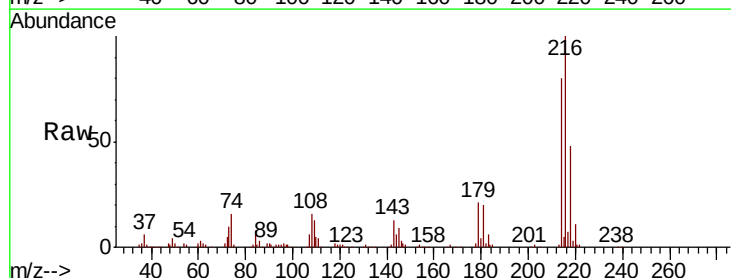
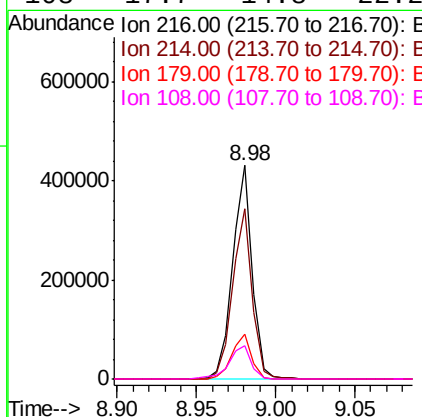
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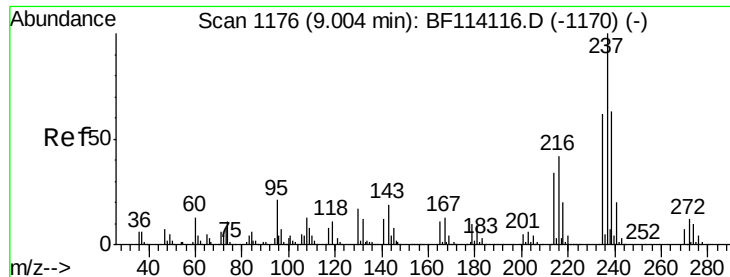
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.984 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.9	95.9	
179	21.1	17.0	25.6	
108	17.7	14.8	22.2	





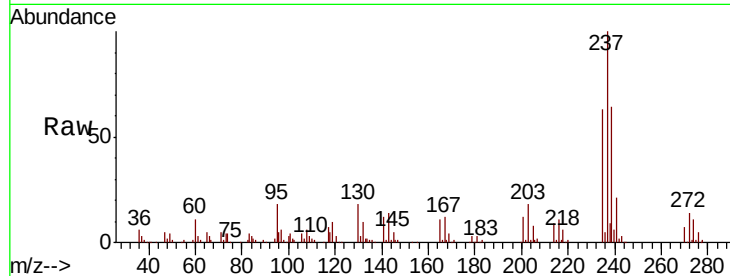
#41
Hexachlorocyclopentadiene
Concen: 30.192 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

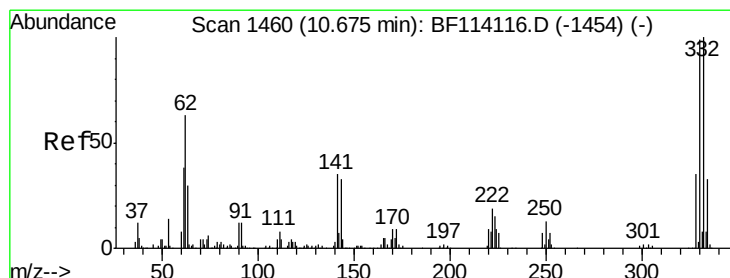
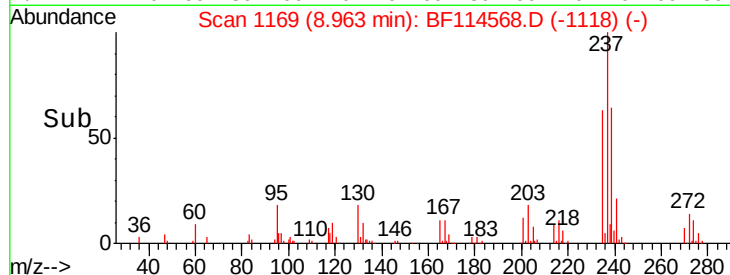
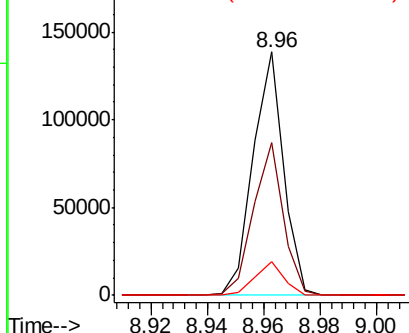
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	42.0	82.0
272	13.7	0.0	32.4

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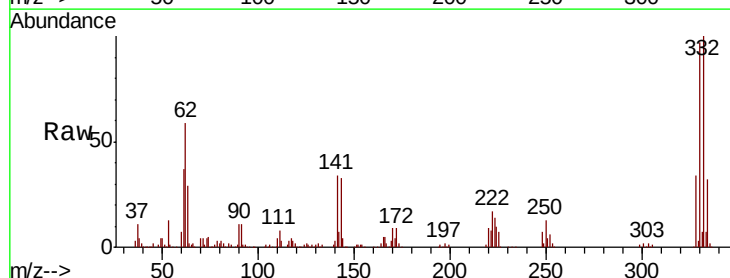


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

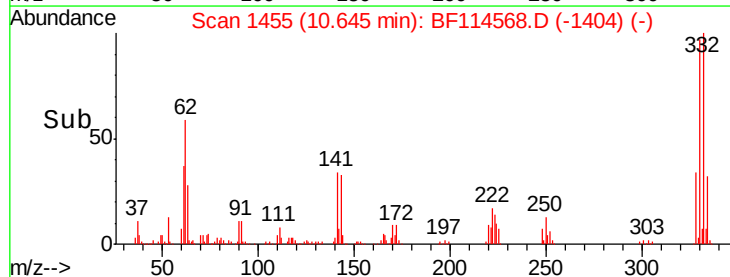
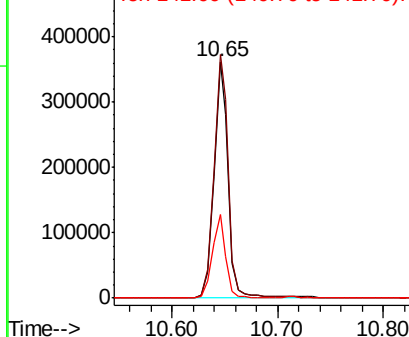


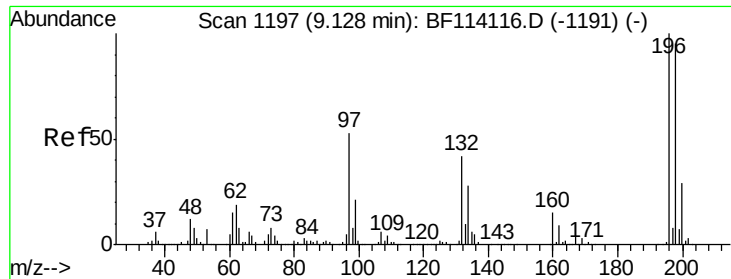
#42
2,4,6-Tribromophenol
Concen: 123.719 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	105.8	81.4	122.2
141	33.2	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





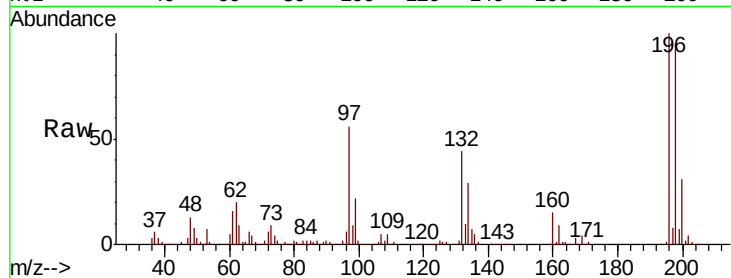
#43
 2,4,6-Trichlorophenol
 Concen: 42.524 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238974		
198	94.8	75.9	113.9	
200	30.5	23.5	35.3	

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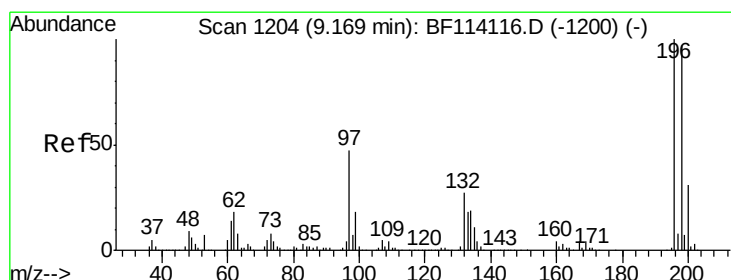
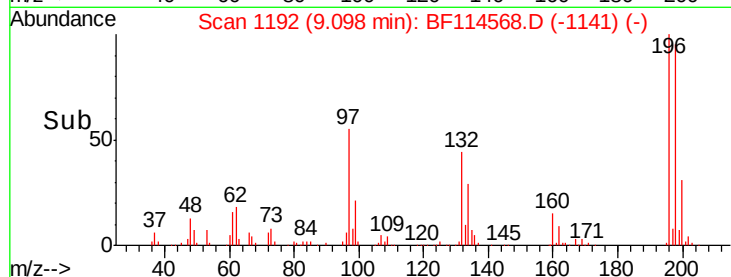
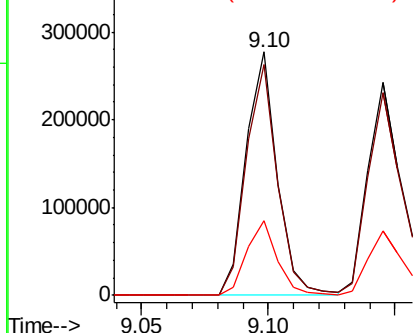


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.528 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245101		
198	95.1	77.7	116.5	
97	49.4	38.2	57.2	
132	28.8	21.4	32.2	

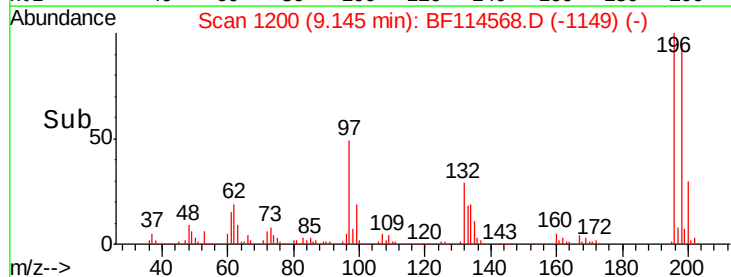
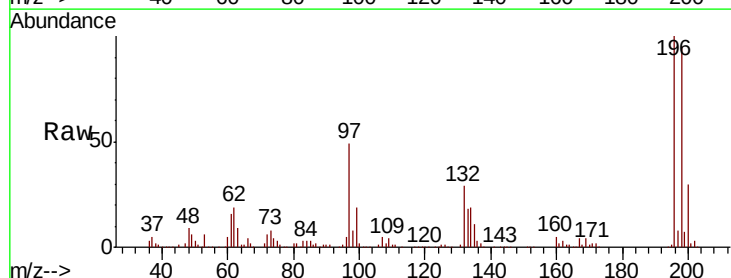
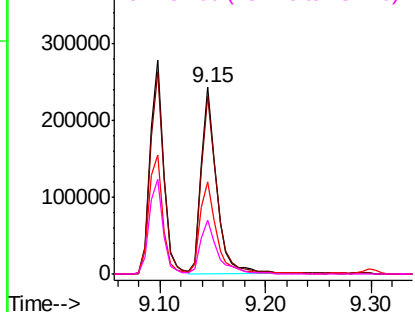
Abundance

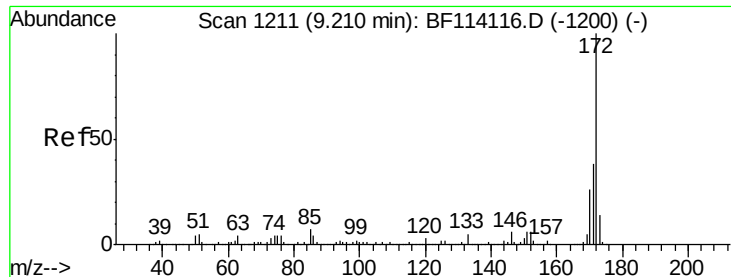
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





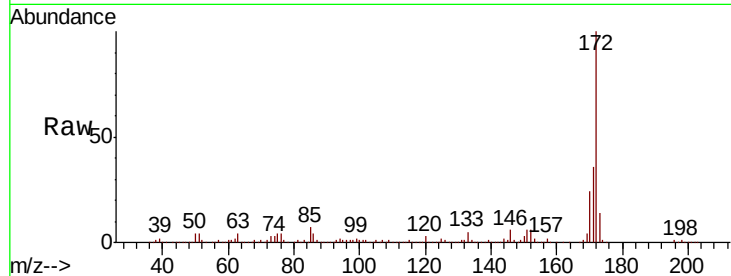
#45
2-Fluorobiphenyl
Concen: 77.354 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.7	46.1
170	24.0	20.5	30.7

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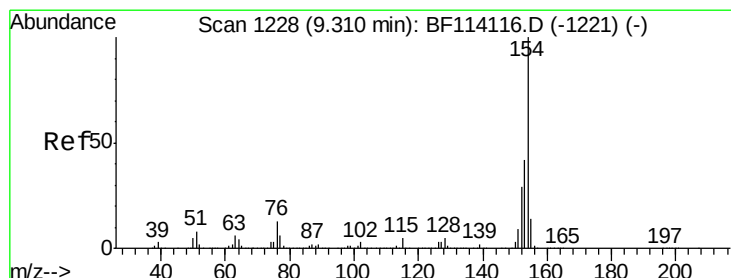
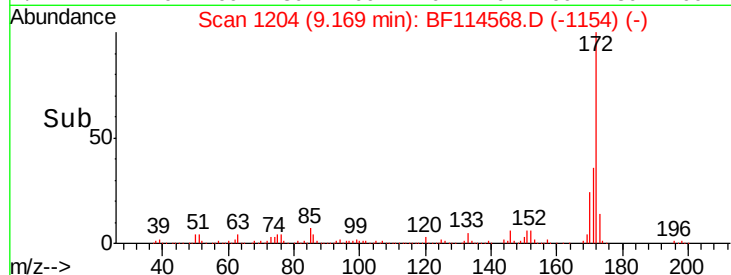
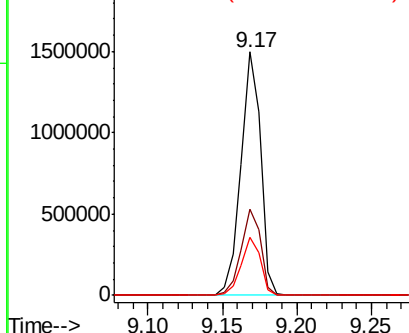


Abundance

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: 45.136 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

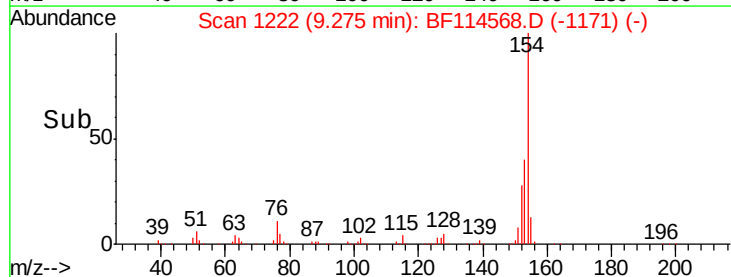
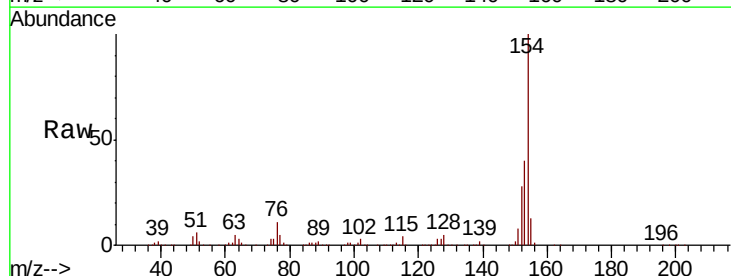
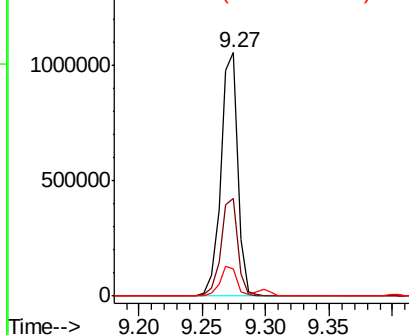
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.9	61.9
76	11.1	0.0	32.8

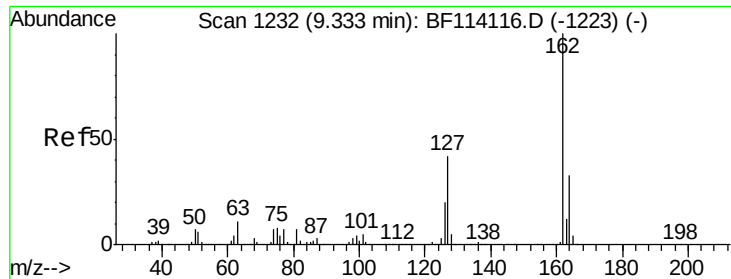
Abundance

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





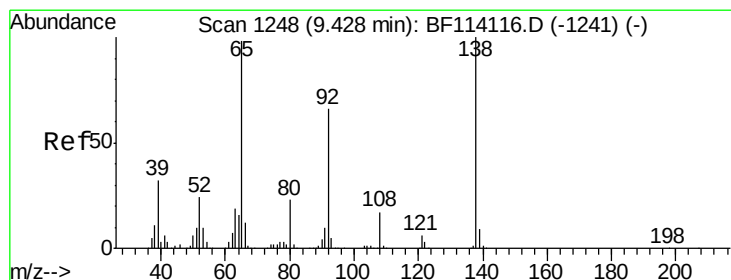
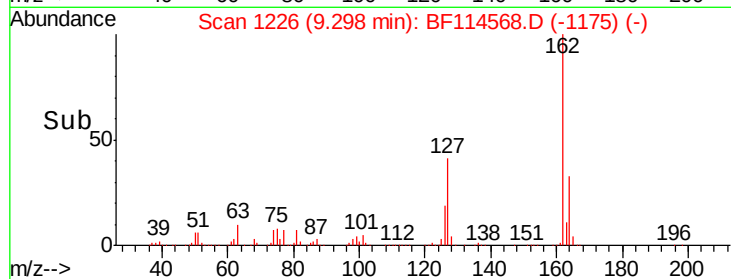
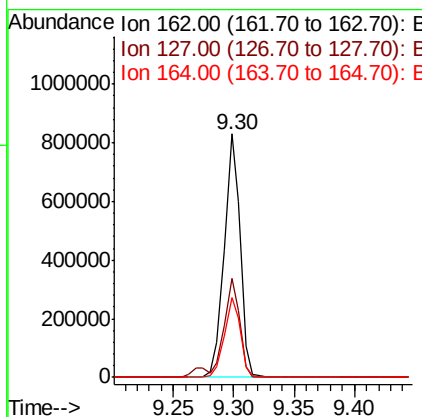
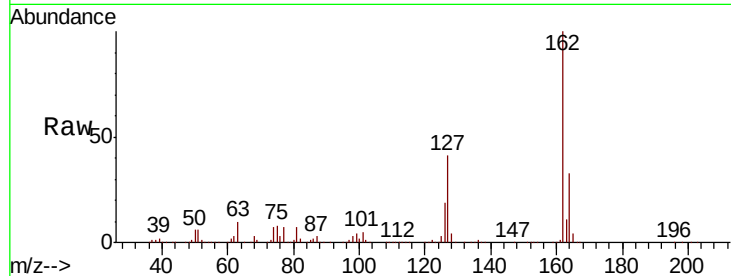
#47
 2-Chloronaphthalene
 Concen: 42.857 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	751545		
127	40.8		34.0	51.0
164	32.9		26.7	40.1

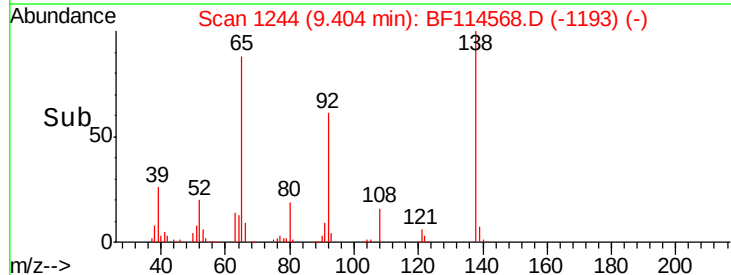
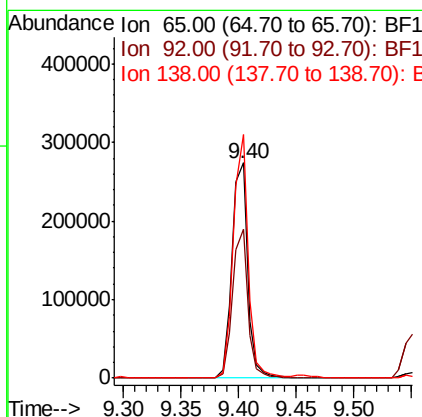
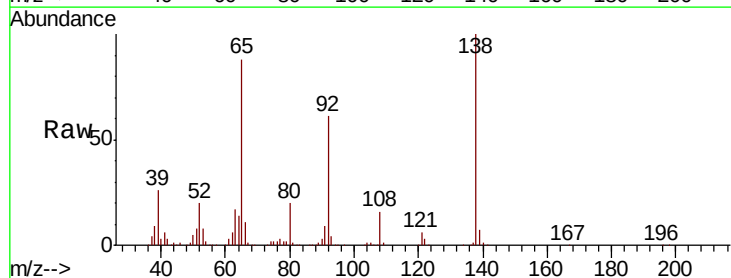
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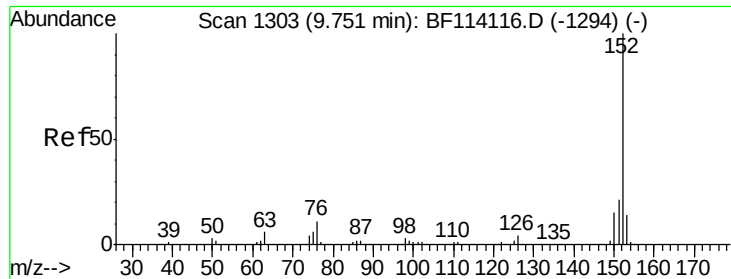
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#48
 2-Nitroaniline
 Concen: 41.792 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	259908		
92	69.2		53.9	80.9
138	113.2		81.4	122.0





#49

Acenaphthylene

Concen: 44.549 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

ClientSampleId :

FEBH-05(33-33.5)MS

Tot Ion:152 Resp: 1188173

Ion Ratio Lower Upper

152 100

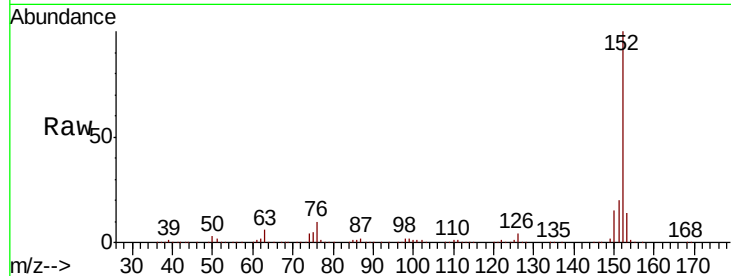
151 20.5 16.8 25.2

153 13.7 11.4 17.2

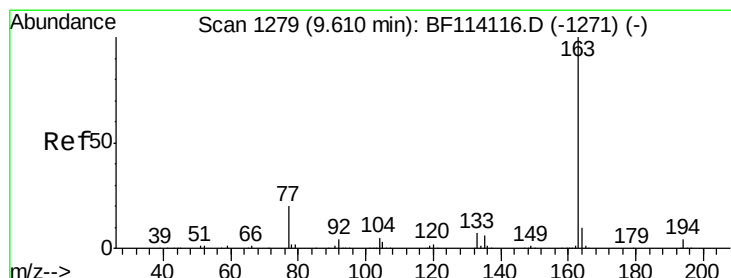
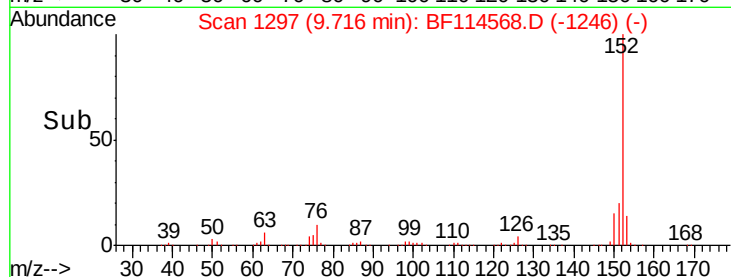
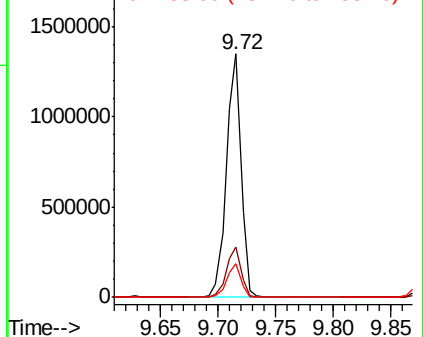
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.313 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

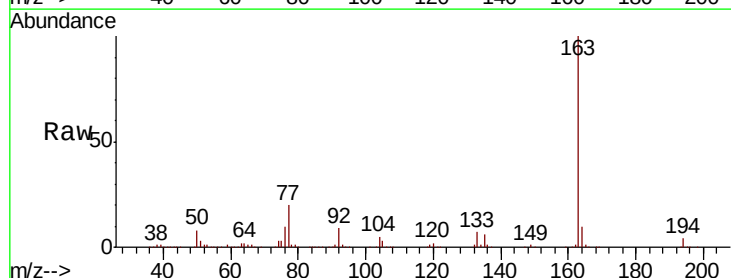
Tgt Ion:163 Resp: 1075374

Ion Ratio Lower Upper

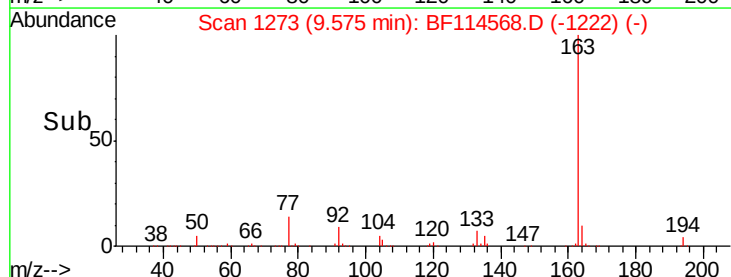
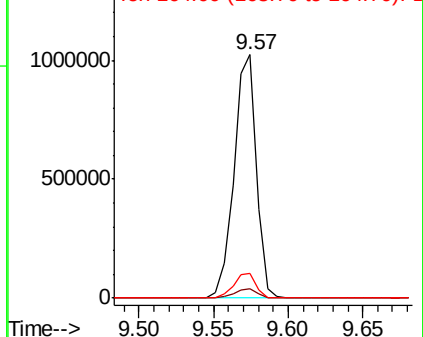
163 100

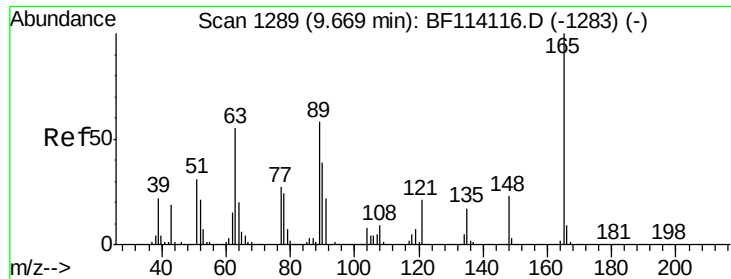
194 3.9 3.4 5.0

164 10.1 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





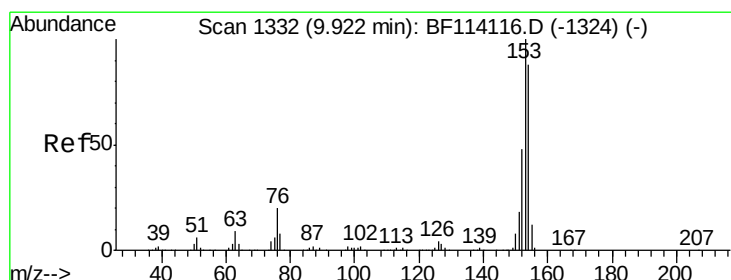
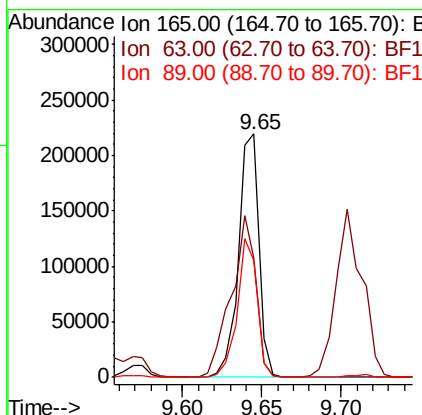
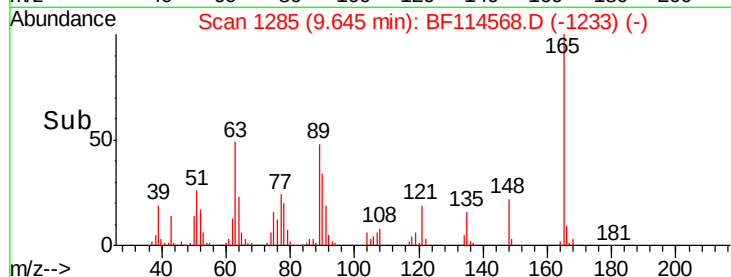
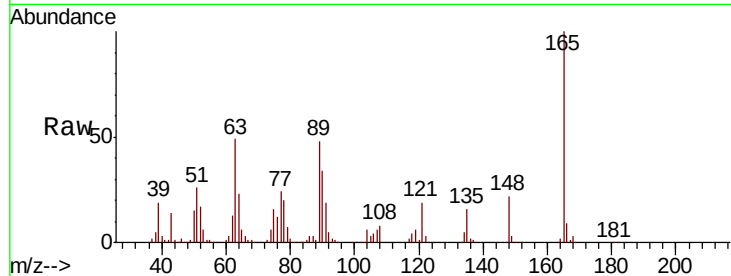
#51
2,6-Dinitrotoluene
Concen: 44.800 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	50.2	75.4#
89	48.1	46.6	69.8

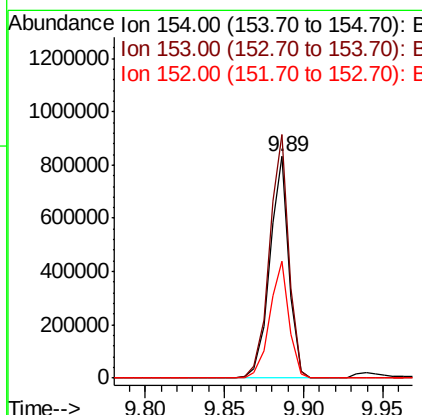
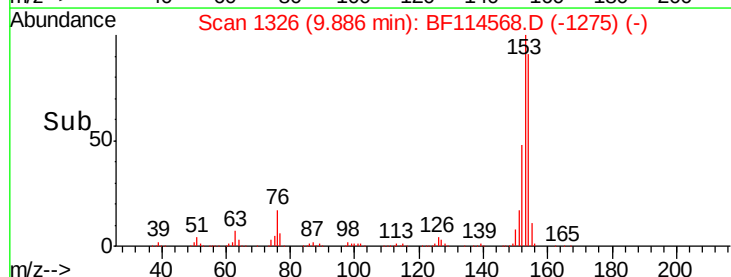
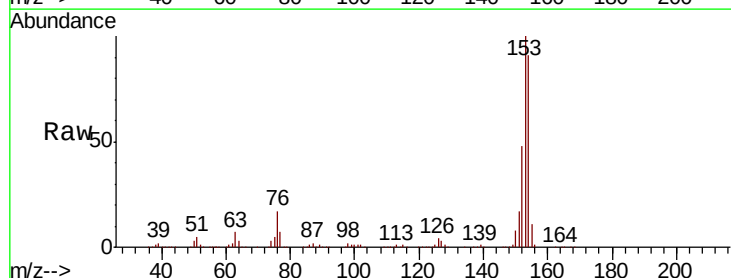
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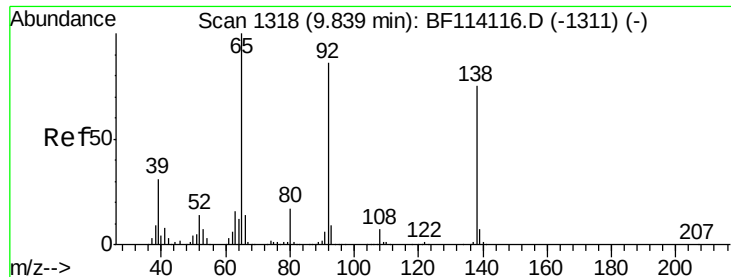
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#52
Acenaphthene
Concen: 42.919 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.5	135.7
152	52.9	43.4	65.2





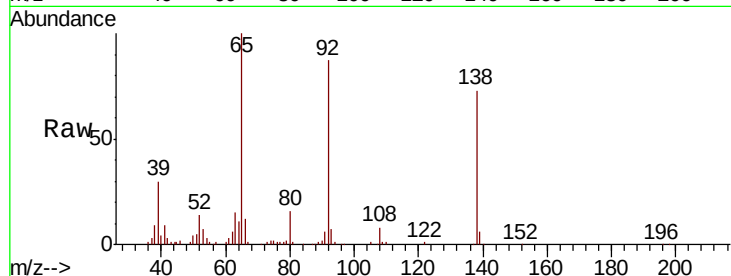
#53
3-Nitroaniline
Concen: 18.330 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.6
92	118.0	91.2	136.8

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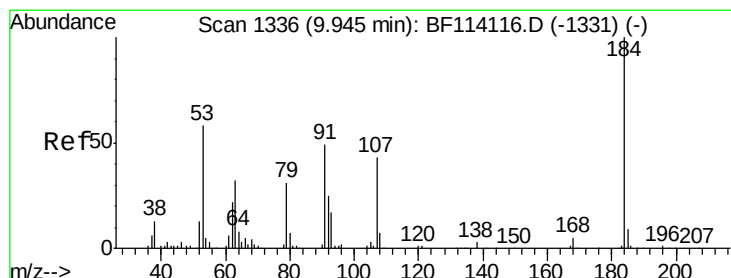
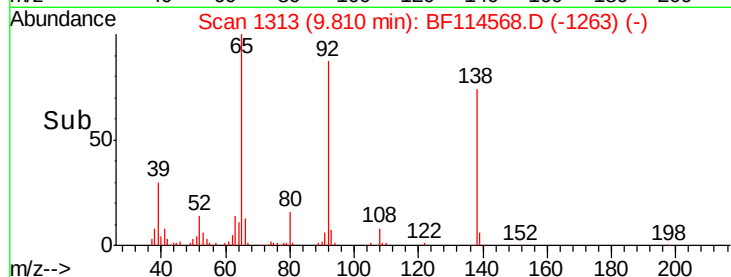
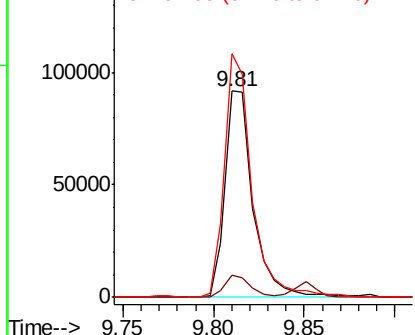


Abundance

Ion 138.00 (137.70 to 138.70): E

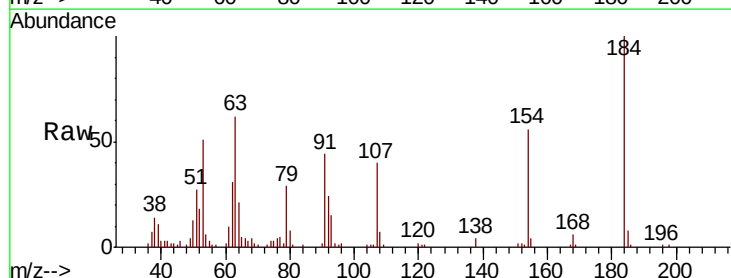
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 29.458 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	55.6	83.4
154	56.3	46.0	69.0

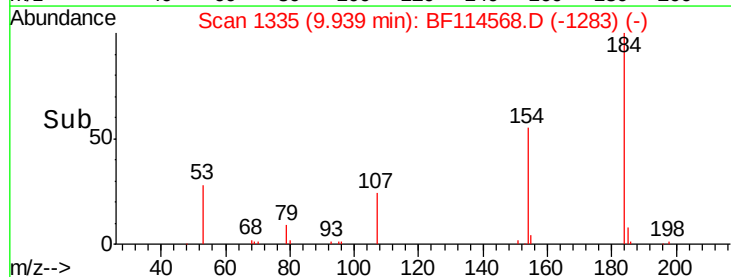
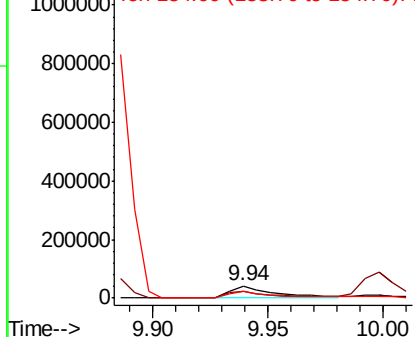


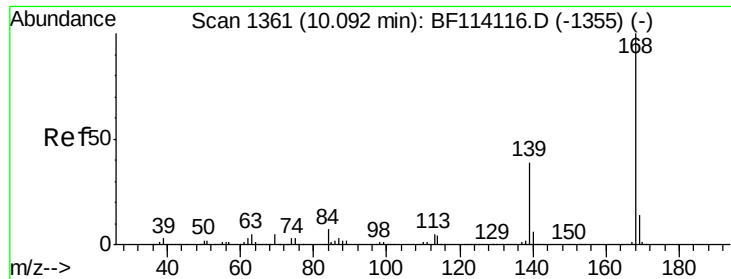
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





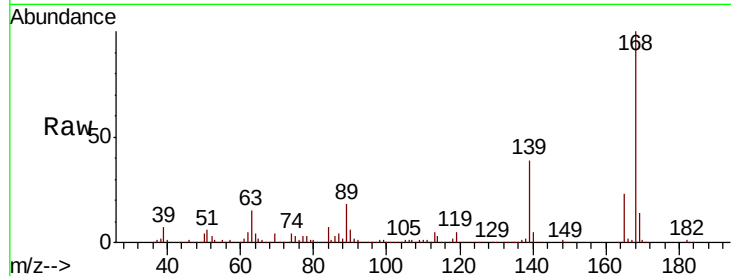
#55
Dibenzofuran
Concen: 42.375 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7
169	13.9	11.4	17.0

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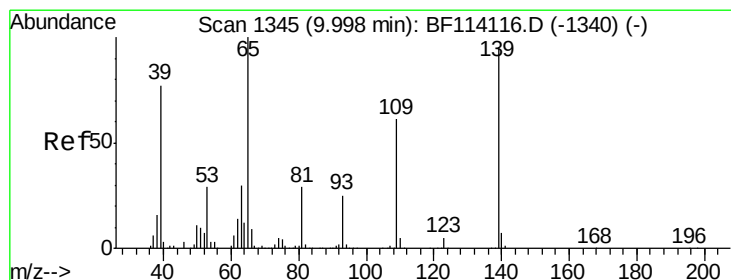
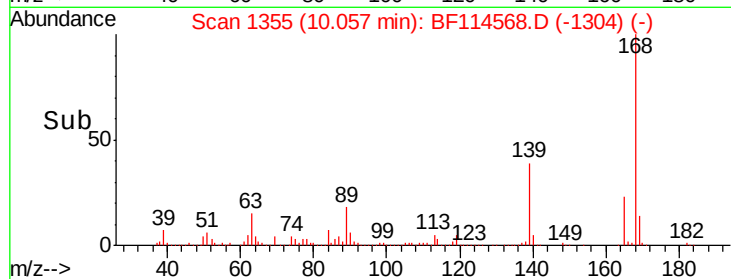
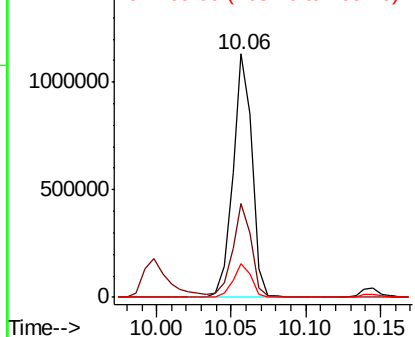


Abundance

Ion 168.00 (167.70 to 168.70): E

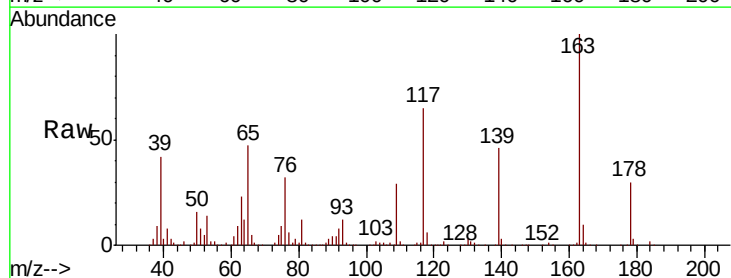
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 55.534 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.0	43.9	83.9
65	102.9	85.7	125.7

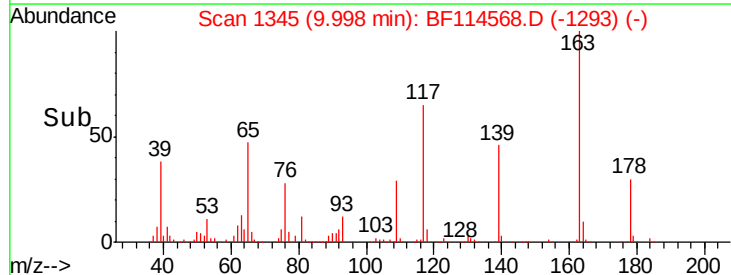
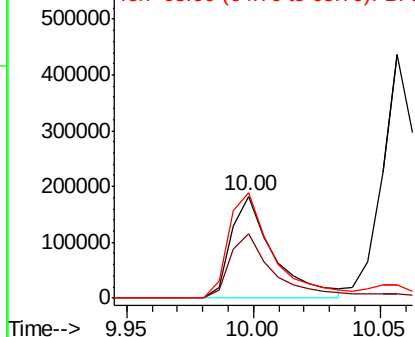


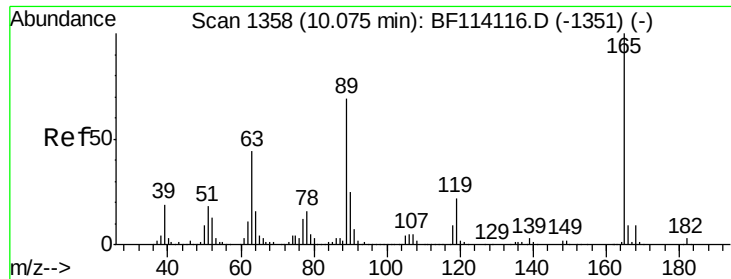
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





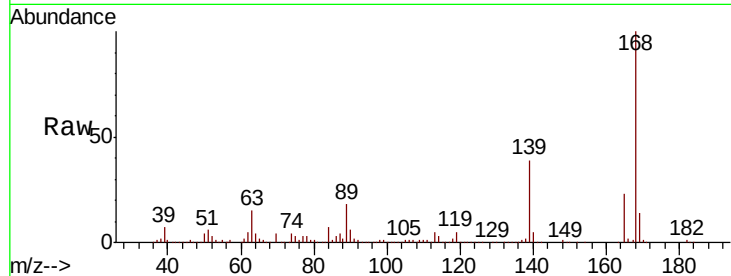
#57
2,4-Dinitrotoluene
Concen: 41.211 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	245646		
63	64.5	35.5	53.3	#
89	78.1	55.2	82.8	
182	2.5	2.2	3.2	

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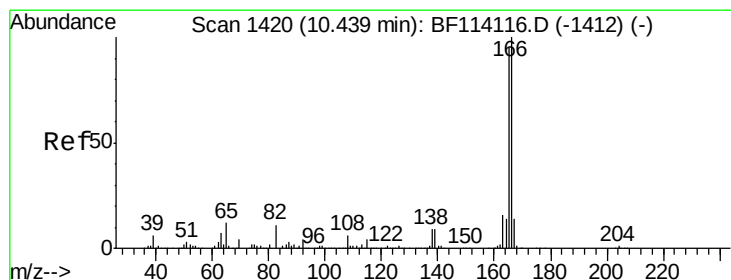
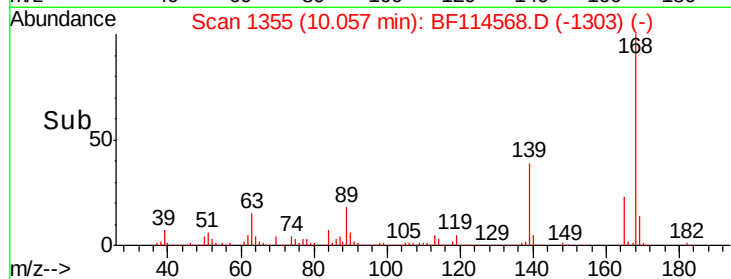
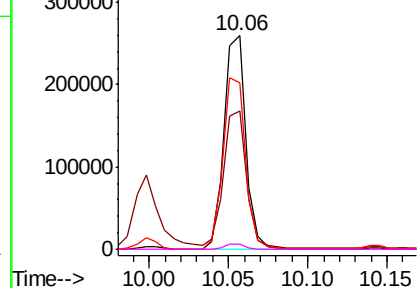
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.837 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

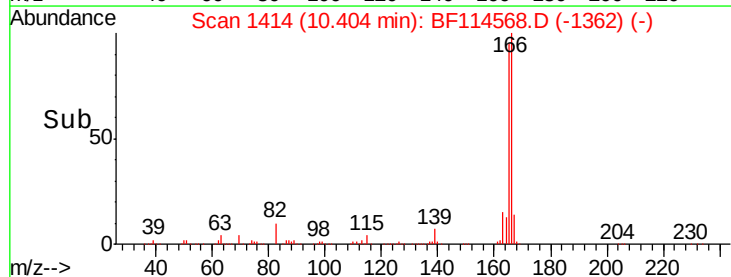
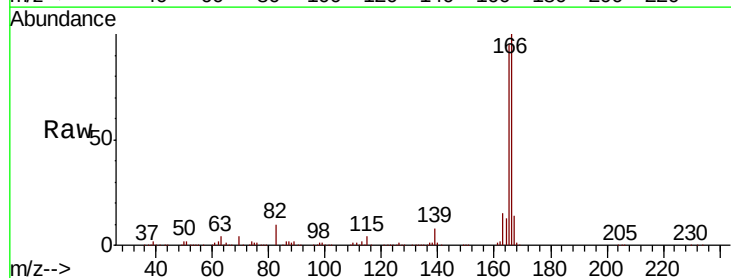
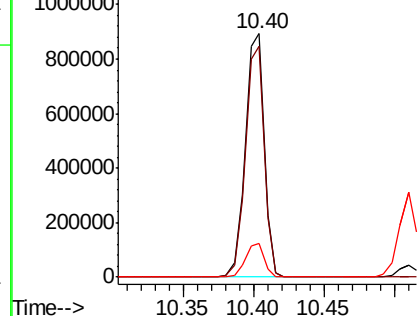
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	831152		
165	95.0	76.1	114.1	
167	13.9	11.1	16.7	

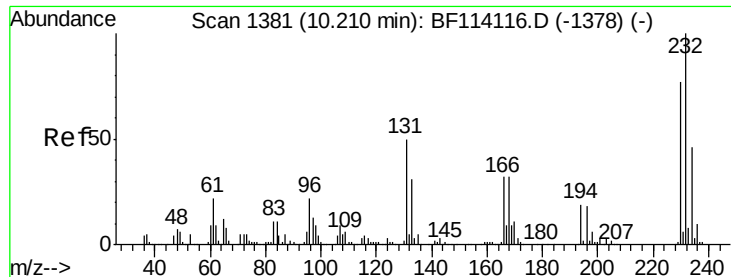
Abundance

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





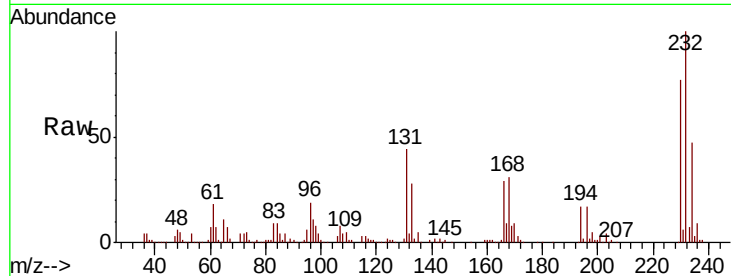
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.280 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	35.6	53.4
130	2.0	1.6	2.4
166	28.1	24.1	36.1

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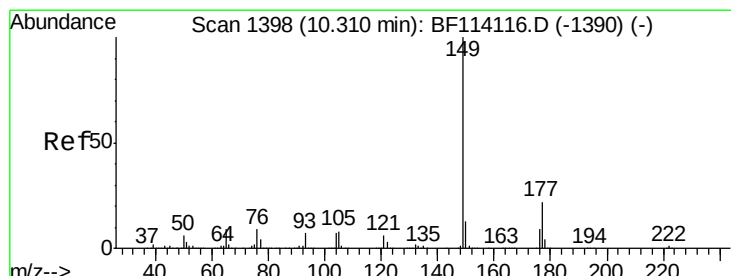
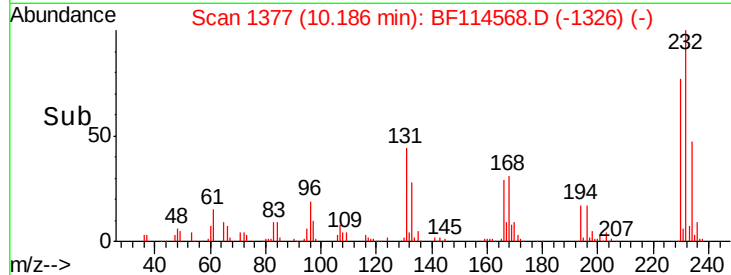
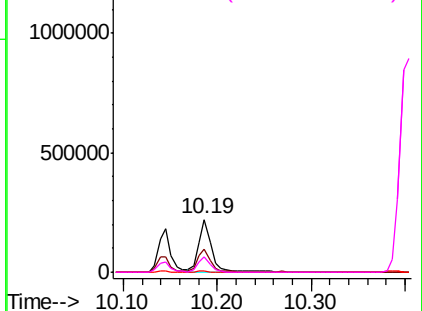
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

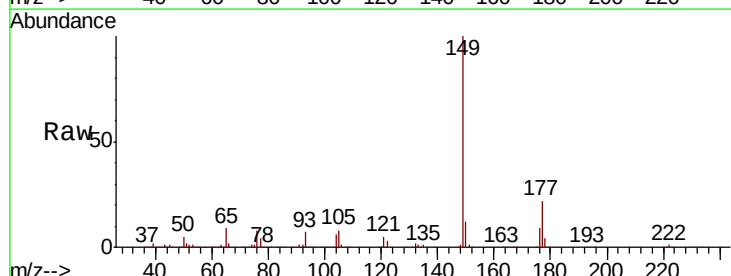
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.666 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.6
150	12.0	10.2	15.2

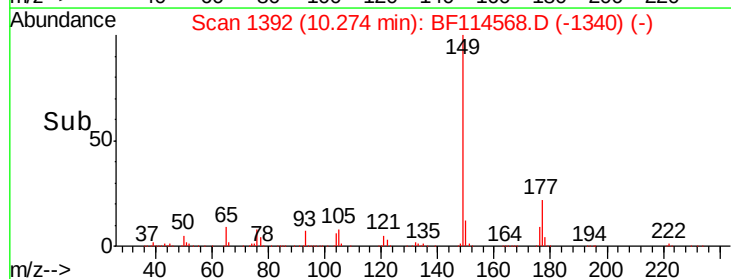
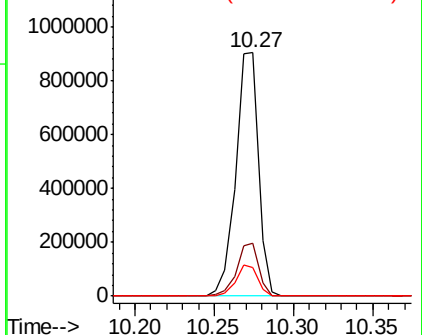


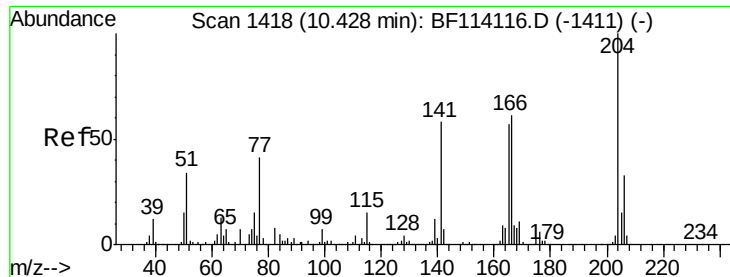
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





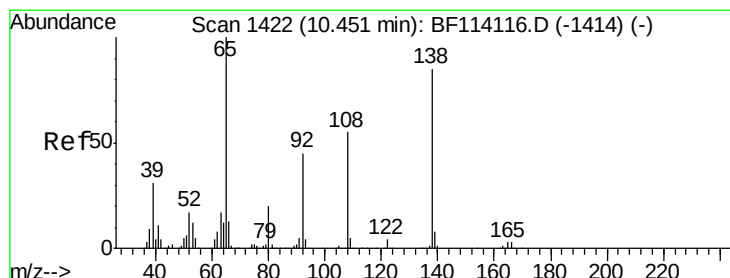
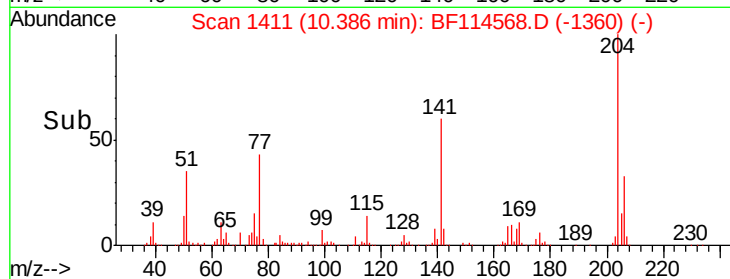
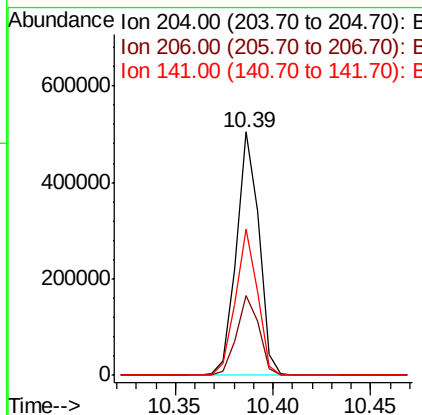
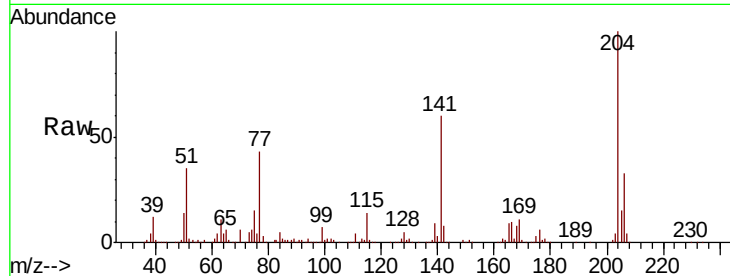
#61
 4-Chlorophenyl-phenylether
 Concen: 44.409 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion:	204	Resp:	404327
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.6	39.8
141	60.3	46.4	69.6

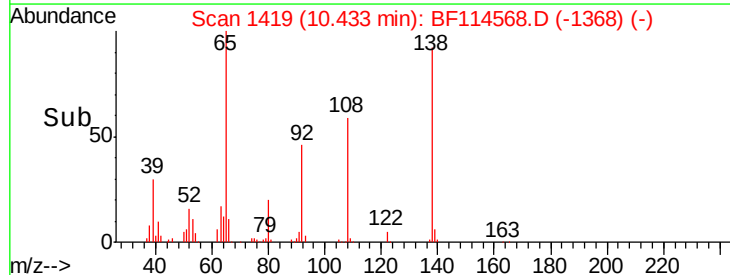
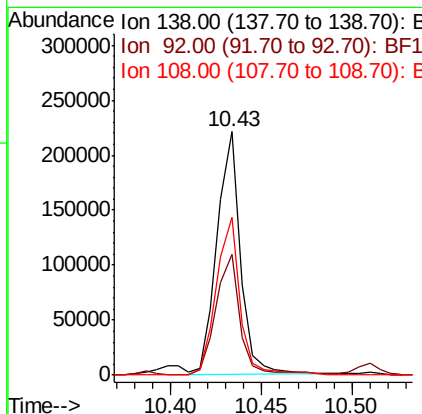
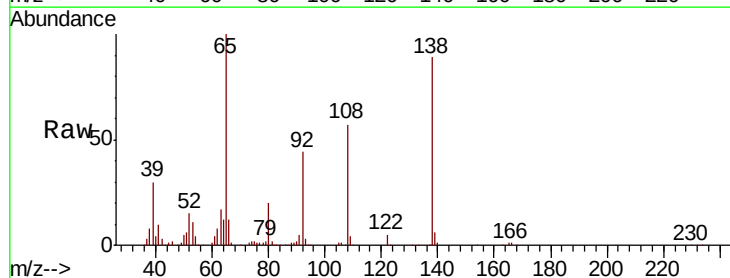
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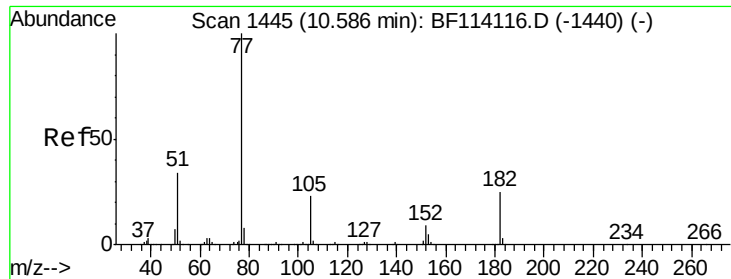
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#62
 4-Nitroaniline
 Concen: 34.710 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion:	138	Resp:	198837
Ion Ratio	Lower	Upper	
138	100		
92	49.7	33.0	73.0
108	64.7	44.9	84.9





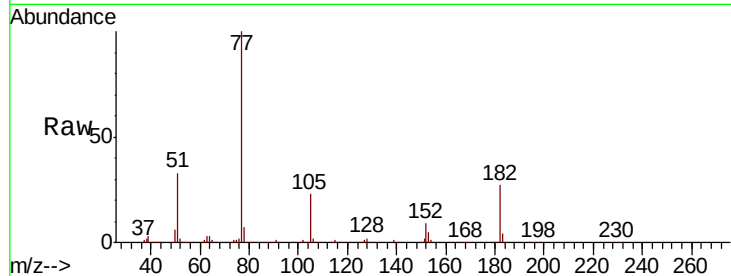
#63
Azobenzene
Concen: 43.060 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

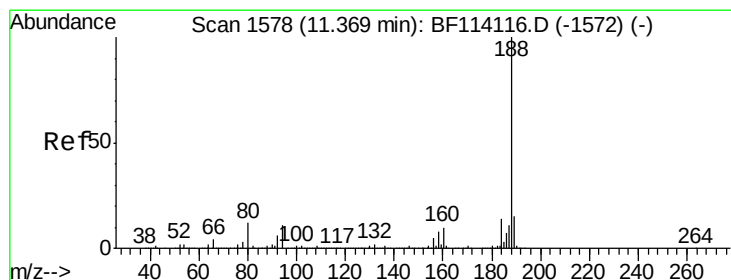
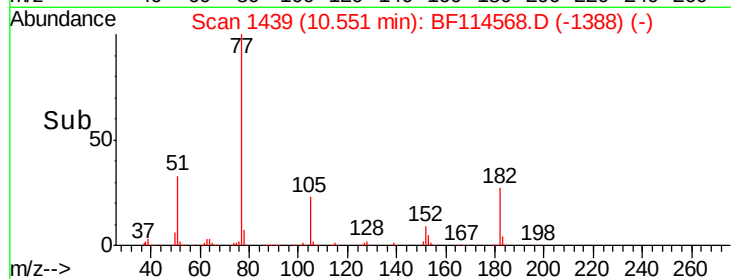
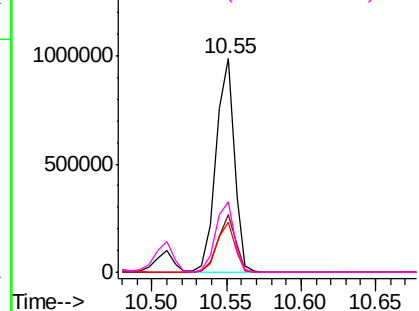
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		838500		
182	26.9	4.7	44.7		
105	23.2	2.9	42.9		
51	32.8	14.6	54.6		

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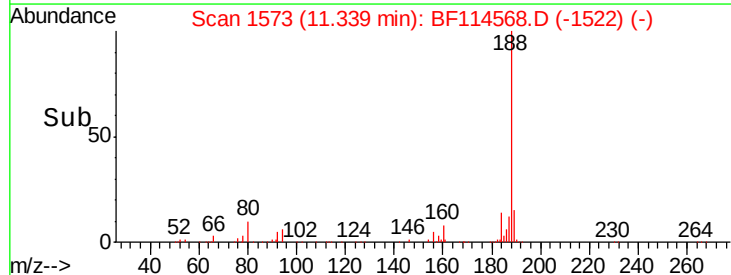
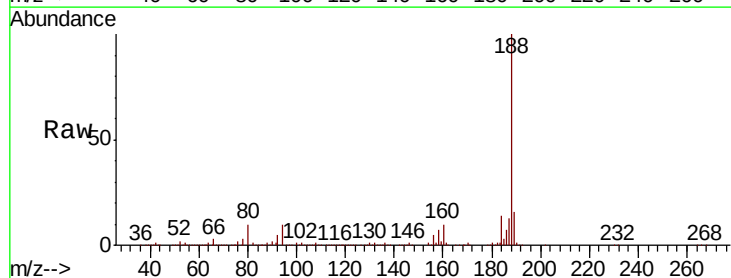
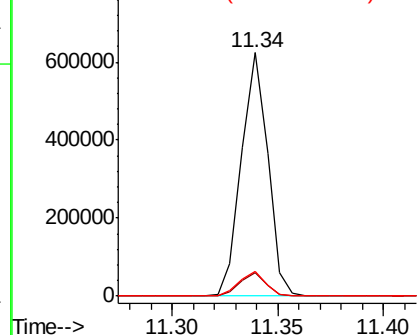
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

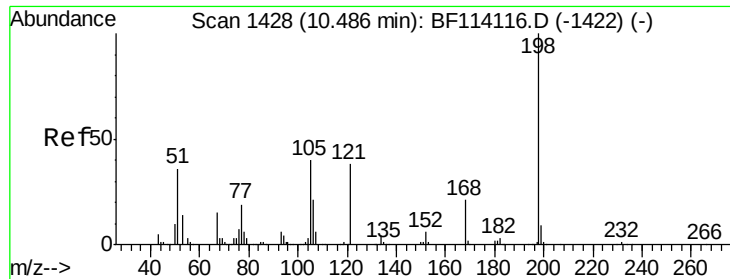


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		542179		
94	9.7	8.4	12.6		
80	10.3	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





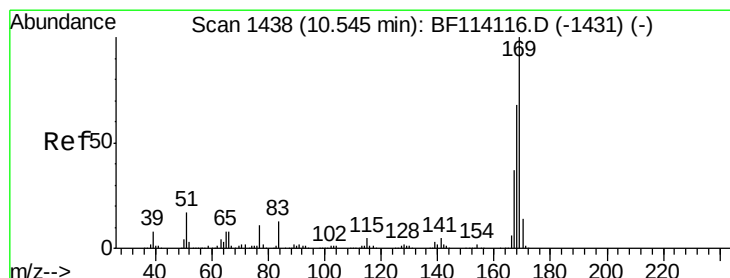
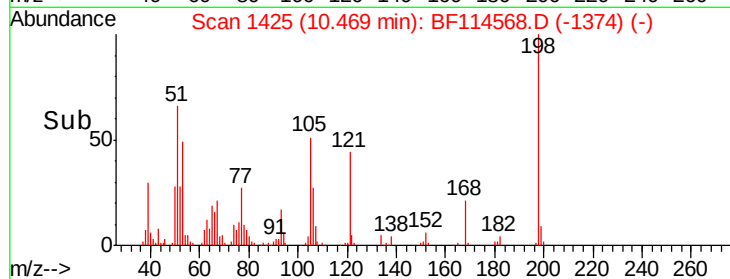
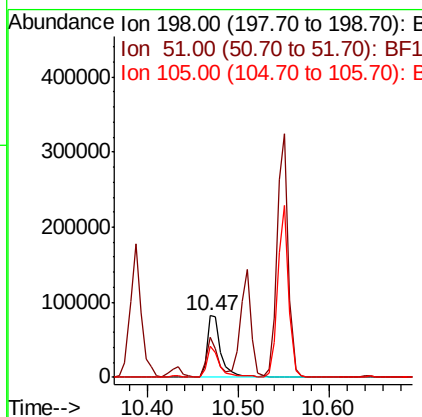
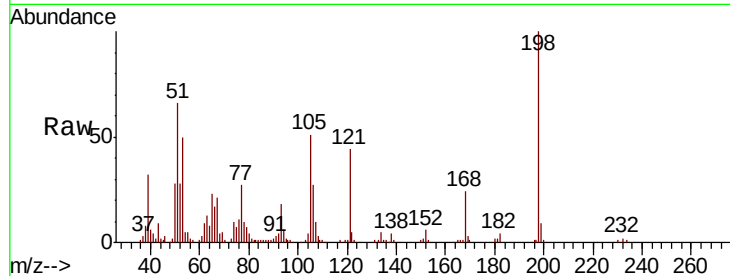
#65
4,6-Dinitro-2-methylphenol
Concen: 34.631 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	65.7	28.0	68.0
105	50.8	21.1	61.1

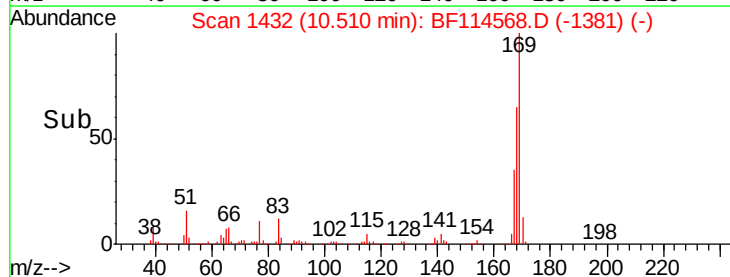
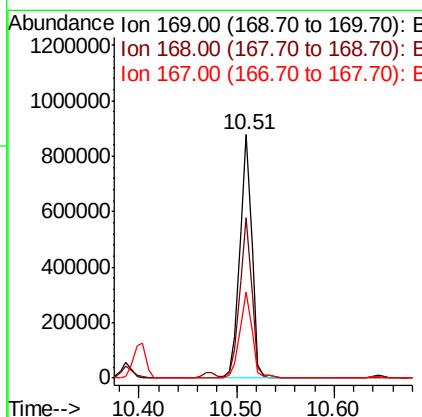
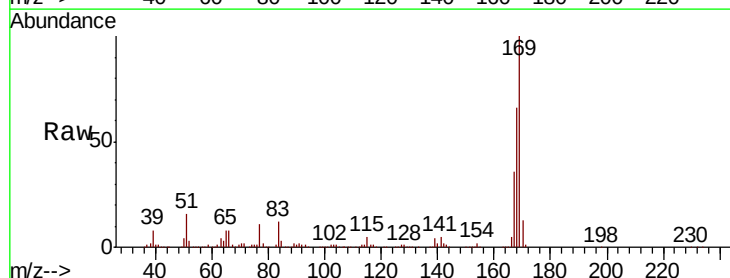
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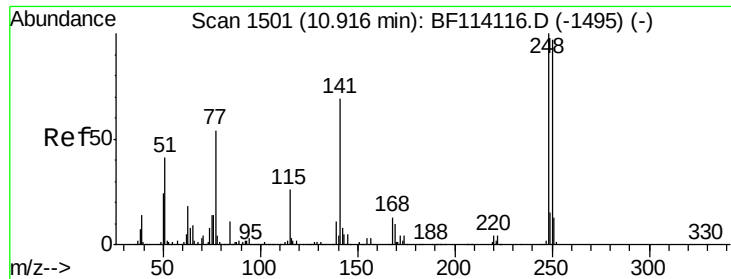
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#66
n-Nitrosodiphenylamine
Concen: 45.602 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	54.2	81.2
167	35.6	29.8	44.8





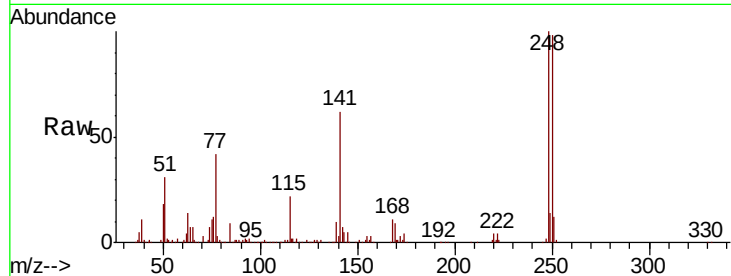
#67
4-Bromophenyl-phenylether
Concen: 42.364 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.2
141	61.6	55.6	83.4

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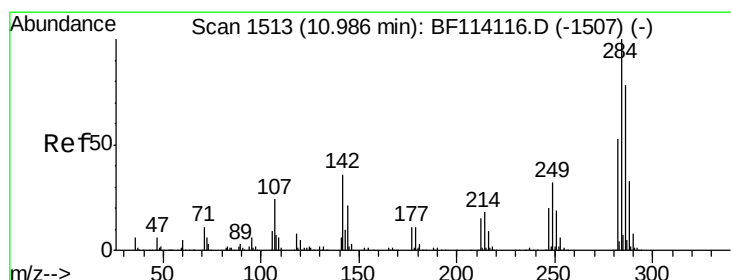
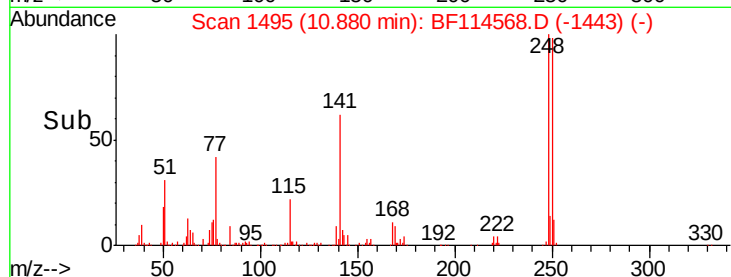
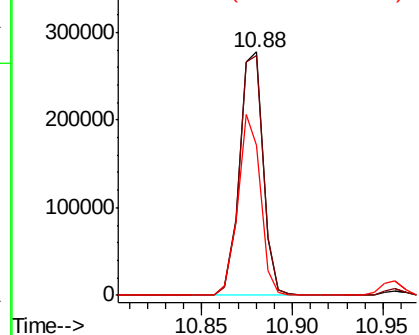


Abundance

Ion 248.00 (247.70 to 248.70): E

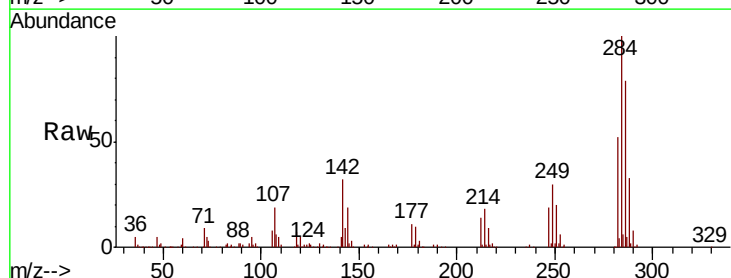
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.605 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	28.4	42.6
249	29.9	25.2	37.8

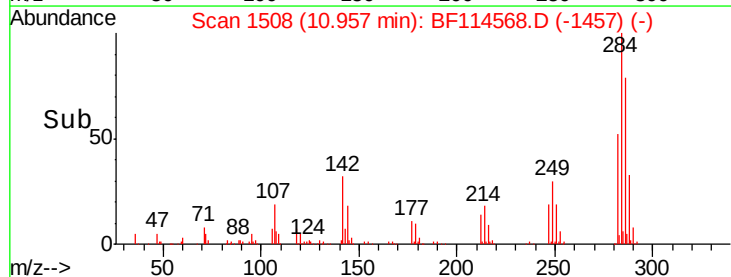
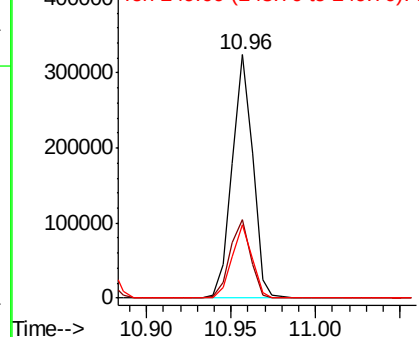


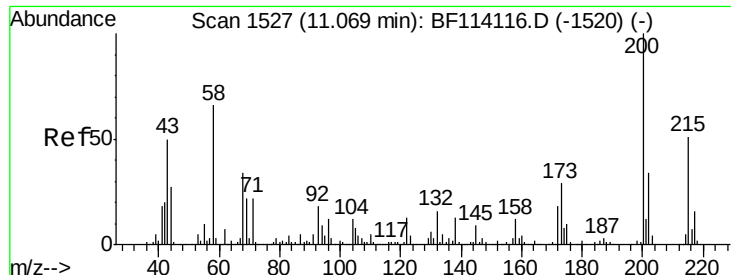
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





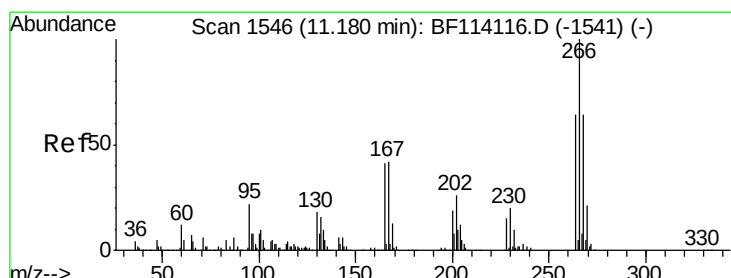
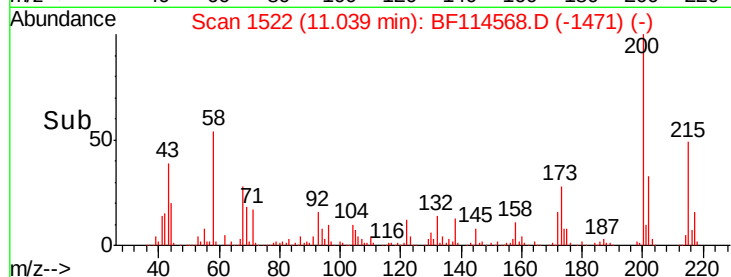
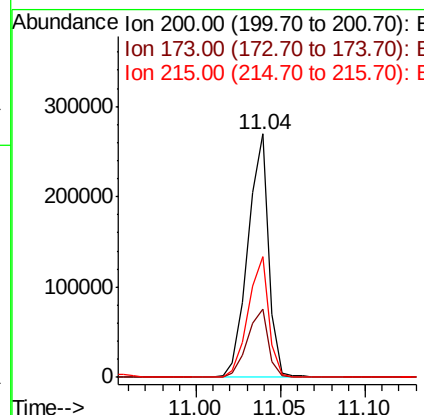
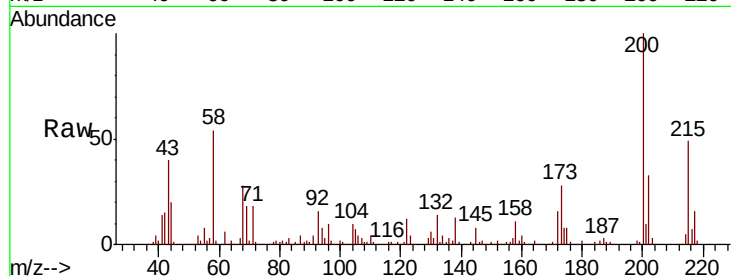
#69
 Atrazine
 Concen: 45.076 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.9	48.9
215	49.4	30.7	70.7

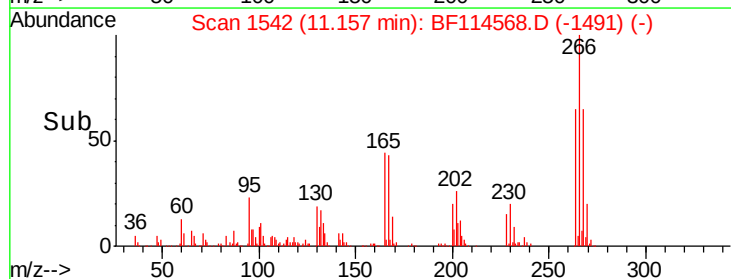
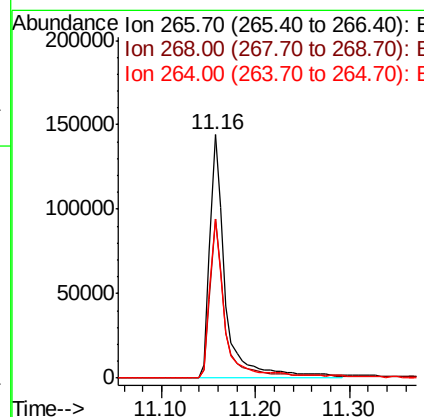
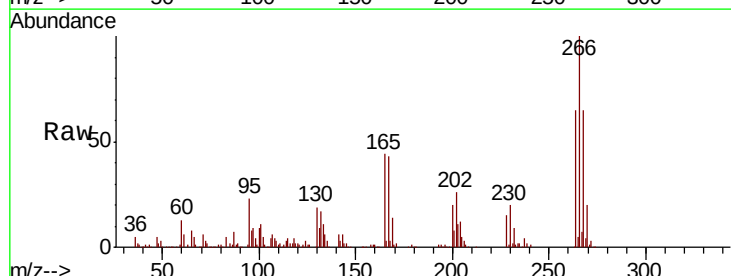
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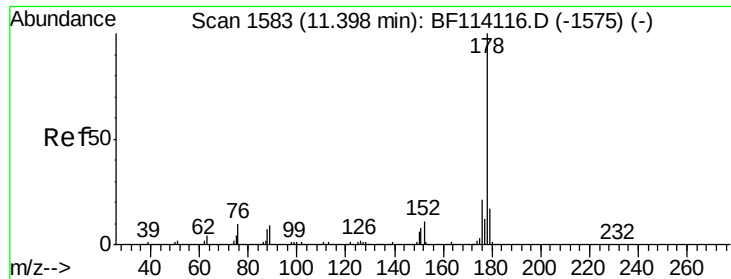
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#70
 Pentachlorophenol
 Concen: 54.730 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	65.2	51.1	76.7





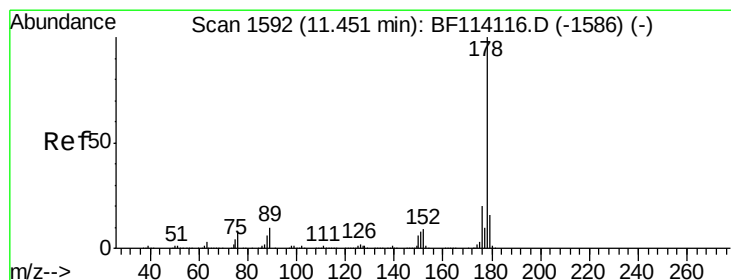
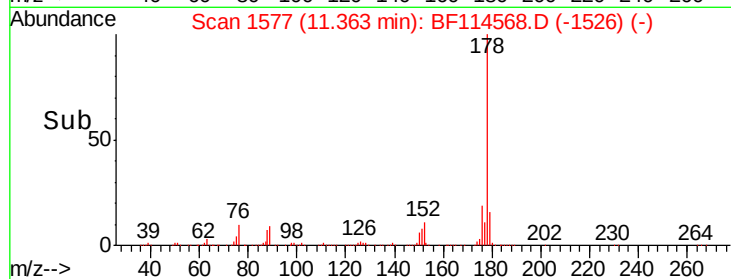
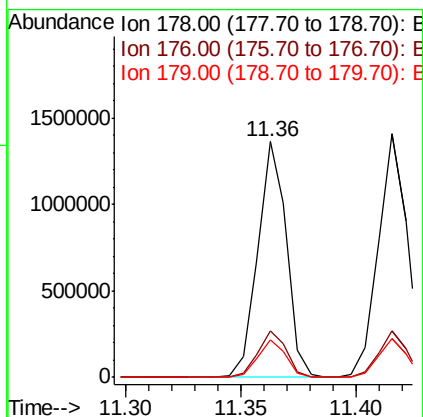
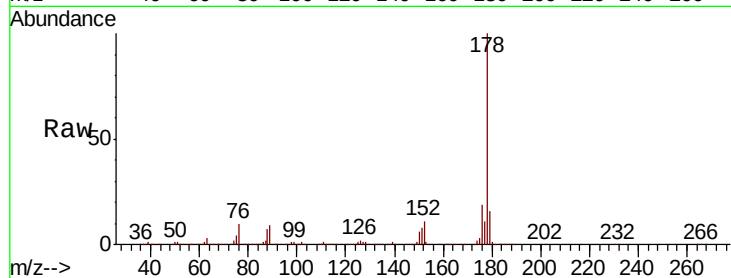
#71
Phenanthrene
Concen: 44.732 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion:178 Resp: 1179937
Ion Ratio Lower Upper
178 100
176 19.5 16.4 24.6
179 16.0 13.2 19.8

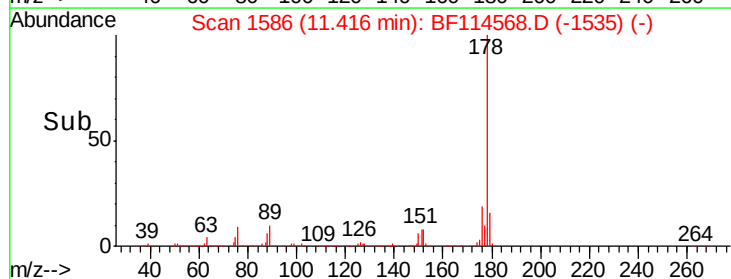
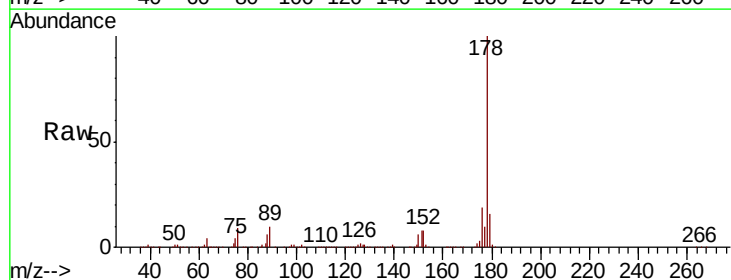
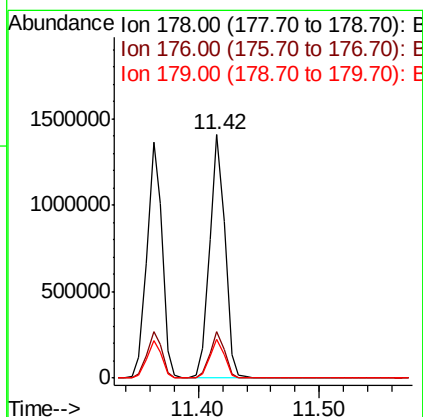
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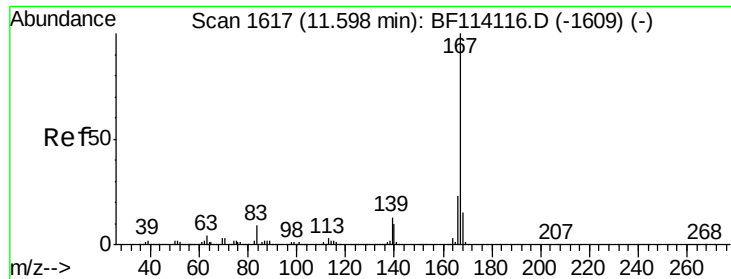
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#72
Anthracene
Concen: 46.318 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion:178 Resp: 1227148
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.7 13.0 19.4





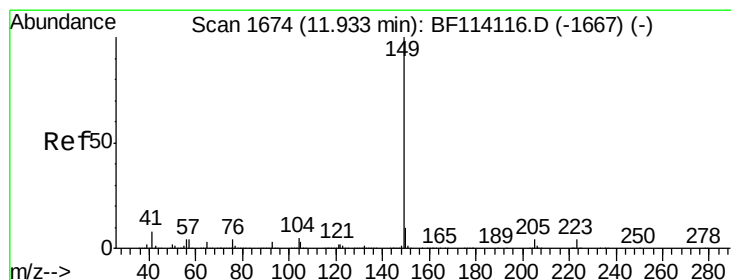
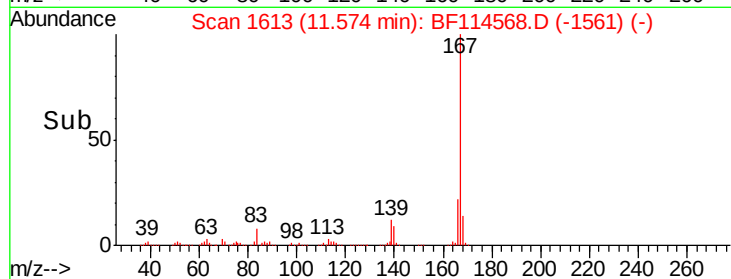
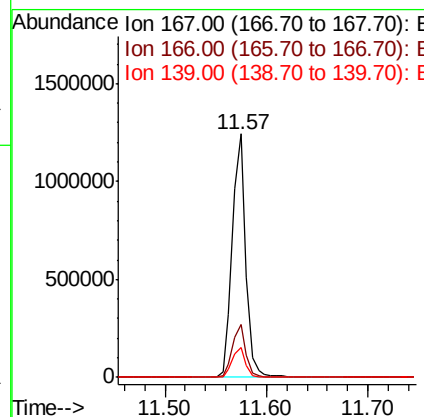
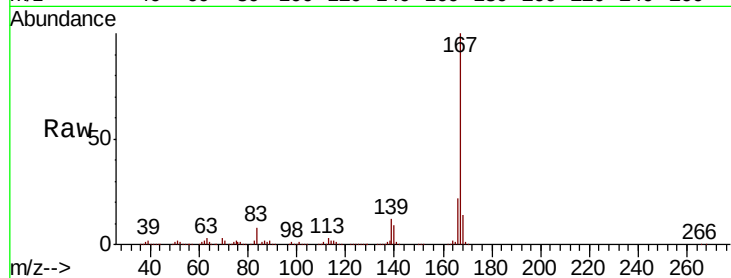
#73
 Carbazole
 Concen: 45.475 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	12.4	10.6	16.0

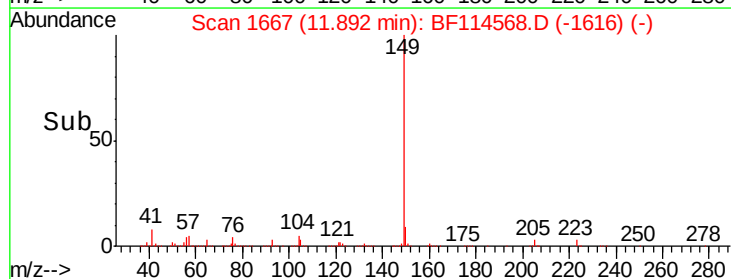
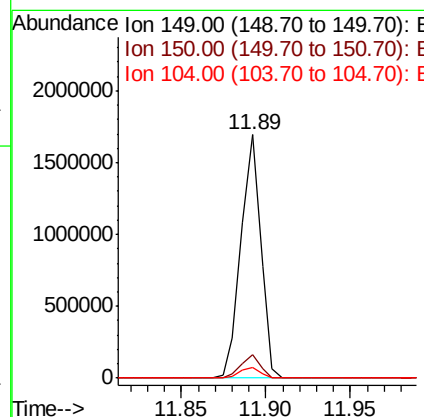
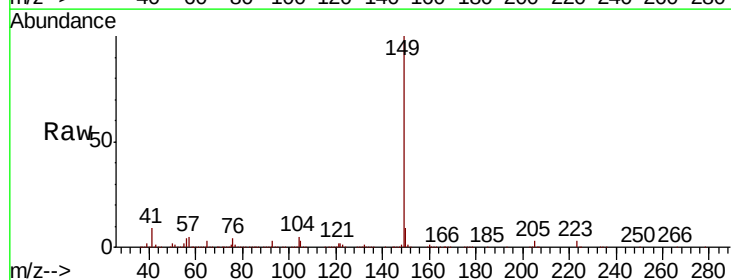
Manual Integrations
 APPROVED

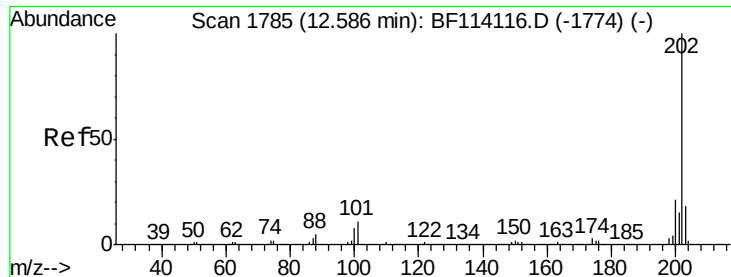
mohammad
 5/27/2019 3:47:59 AM



#74
 Di-n-butylphthalate
 Concen: 47.828 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.5	3.6	5.4





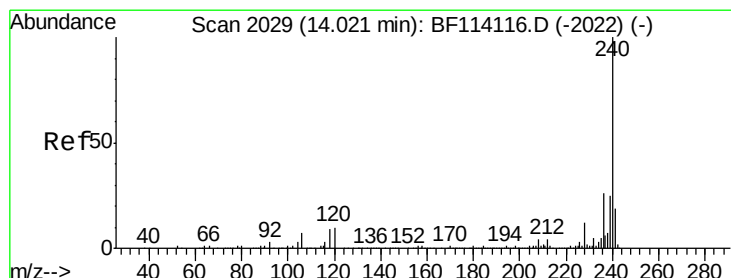
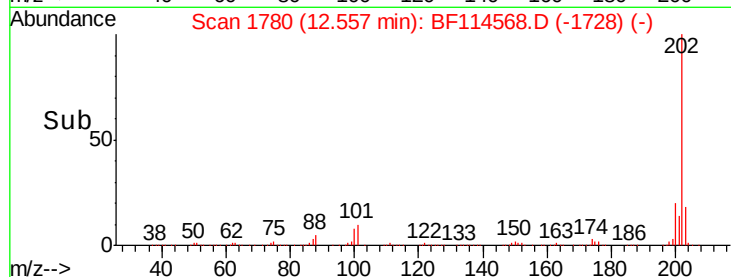
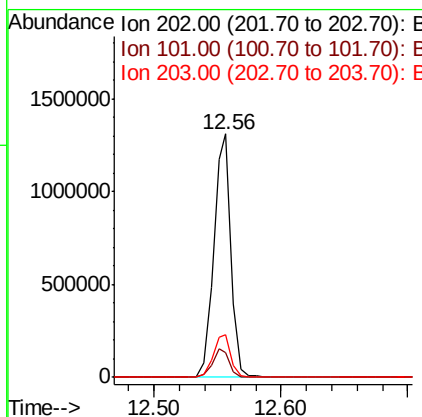
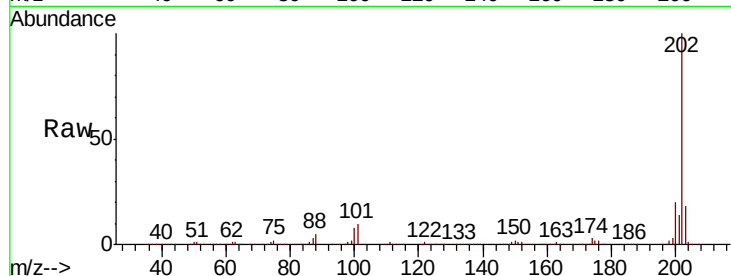
#75
 Fluoranthene
 Concen: 43.767 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1243213		
101	10.1		0.0	31.0
203	17.7		0.0	38.4

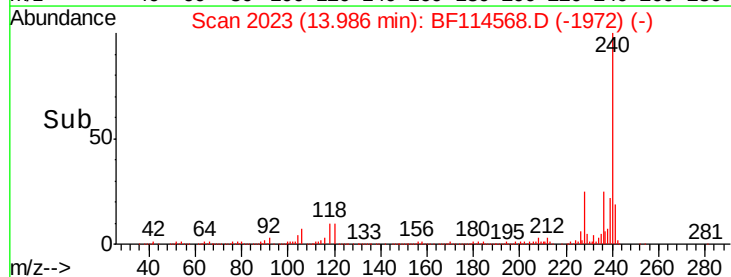
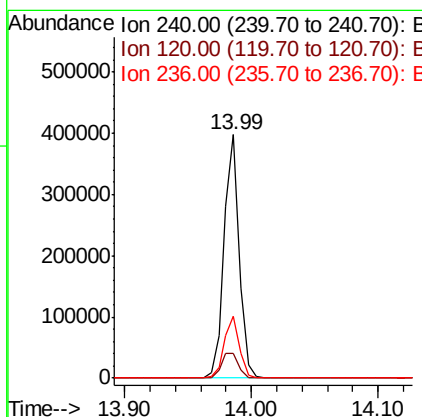
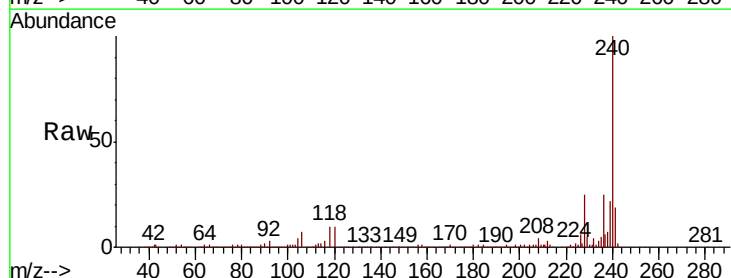
Manual Integrations
 APPROVED

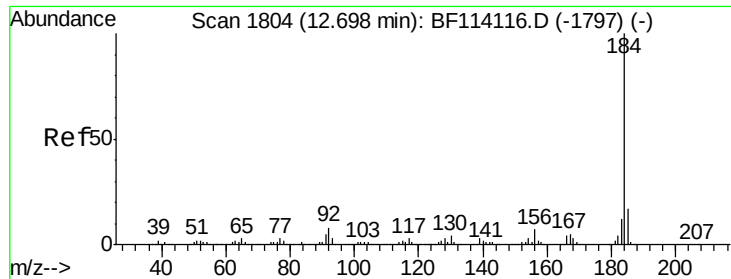
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	329716		
120	10.2		8.3	12.5
236	25.2		20.8	31.2





#77

Benzidine

Concen: 8.246 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

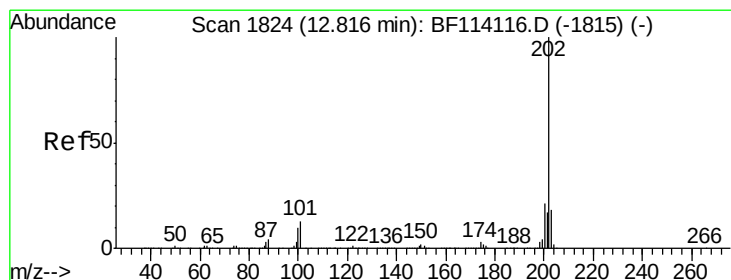
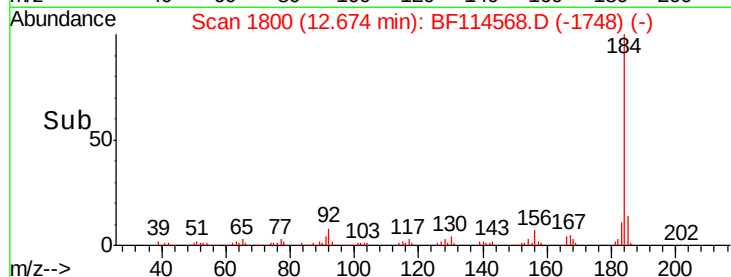
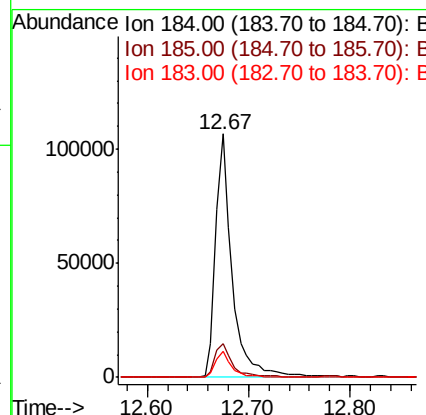
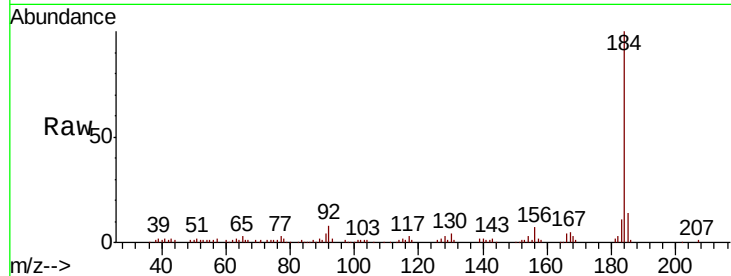
ClientSampleId :

FEBH-05(33-33.5)MS

Tot Ion:	184	Resp:	122042
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.6	20.4
183	10.8	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 46.732 ng

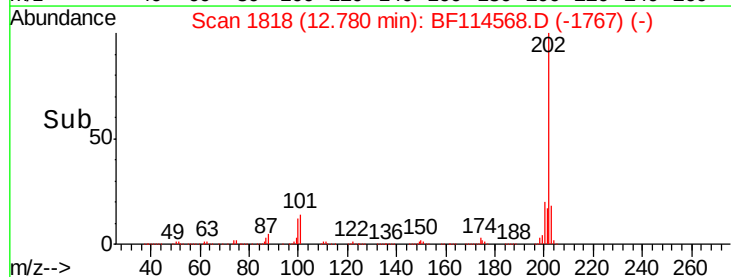
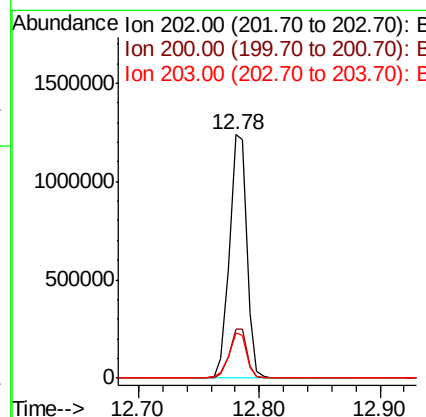
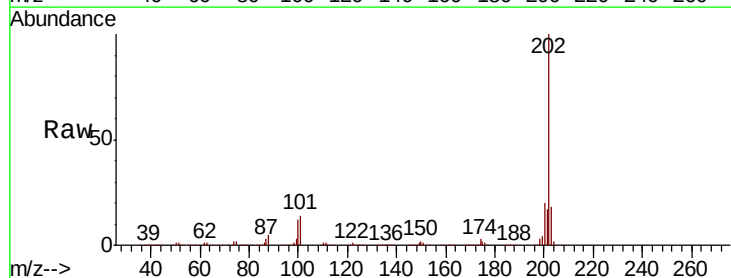
RT: 12.78 min Scan# 1818

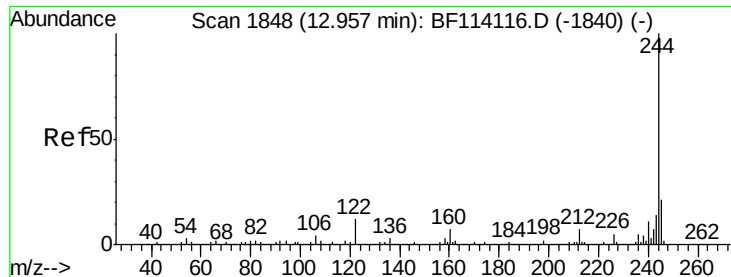
Delta R.T. -0.00 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Tgt Ion:	202	Resp:	1239531
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.9	25.3
203	18.4	14.5	21.7





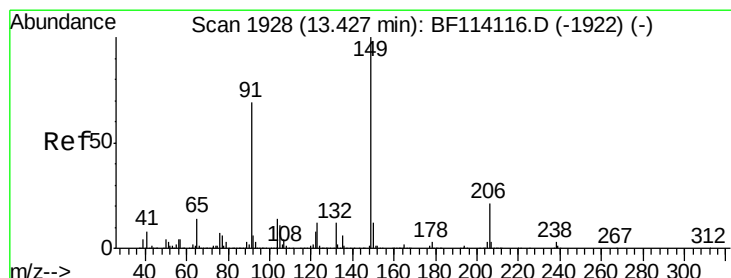
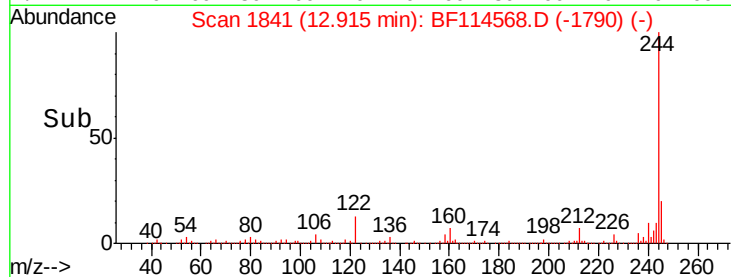
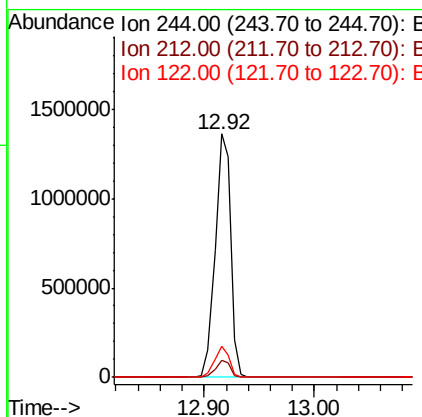
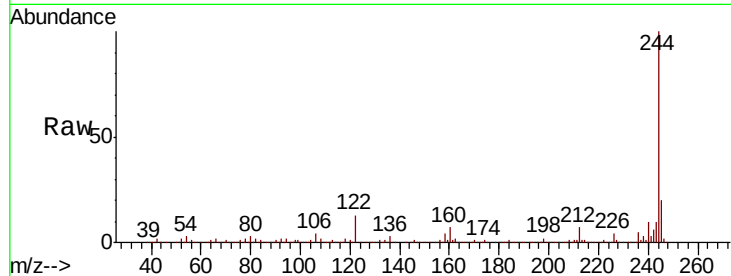
#79
 Terphenyl-d14
 Concen: 81.866 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.9	9.4	14.2

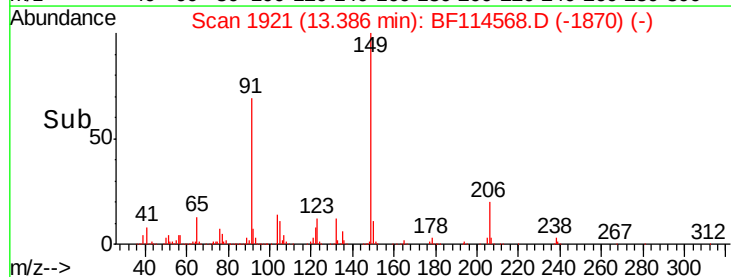
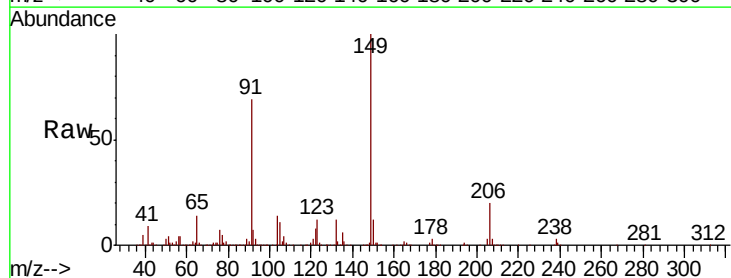
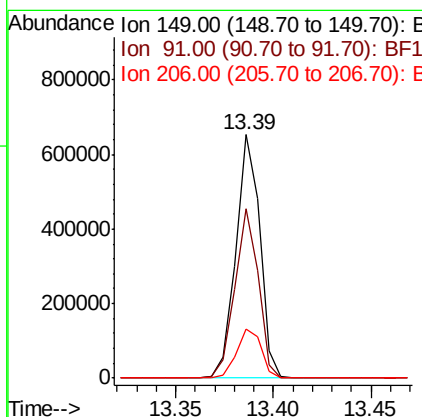
Manual Integrations
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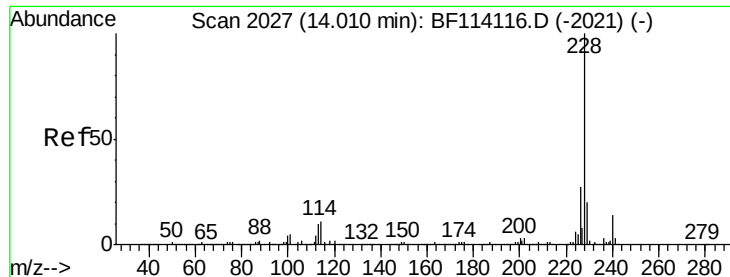
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#80
 Butylbenzylphthalate
 Concen: 49.821 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	55.0	82.4
206	20.2	16.9	25.3





#81

Benzo(a)anthracene

Concen: 43.688 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF114568.D

Acq: 24 May 2019 14:23

Instrument :

BNA_F

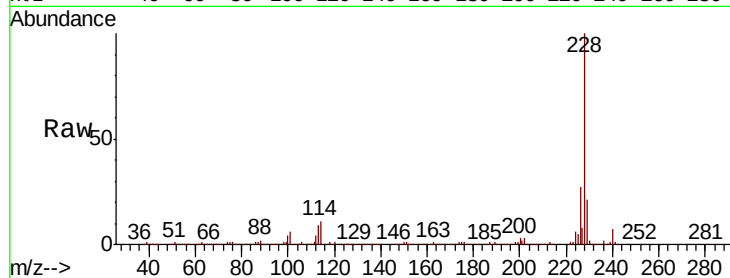
ClientSampleId :

FEBH-05(33-33.5)MS

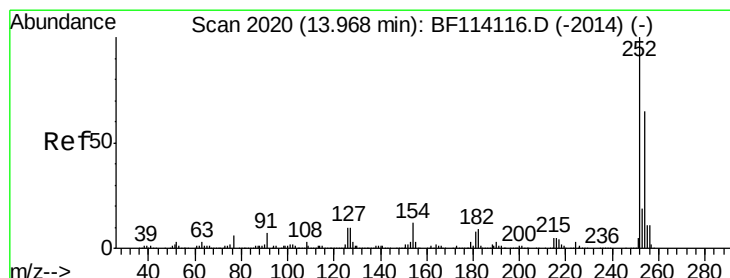
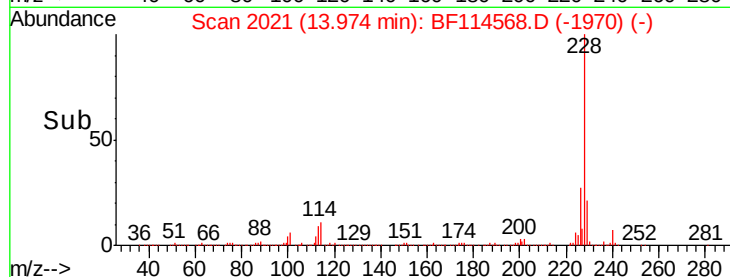
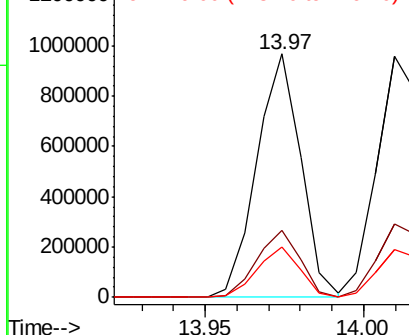
Tot Ion:	228	Resp:	931693
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.2	33.2
229	20.6	16.4	24.6

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



#82

3,3'-Dichlorobenzidine

Concen: 19.993 ng

RT: 13.93 min Scan# 2013

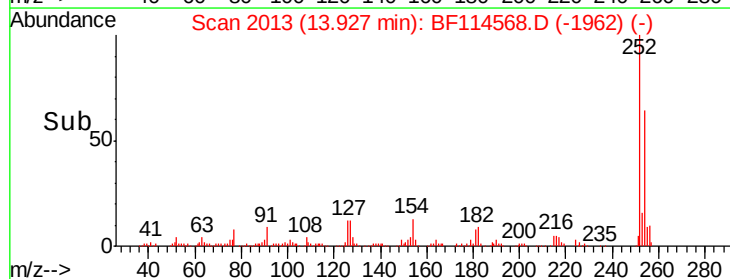
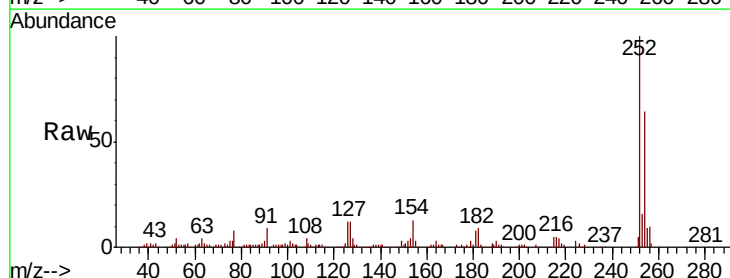
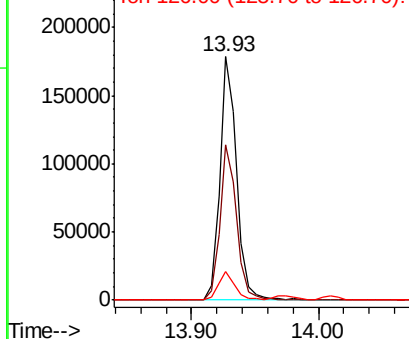
Delta R.T. -0.00 min

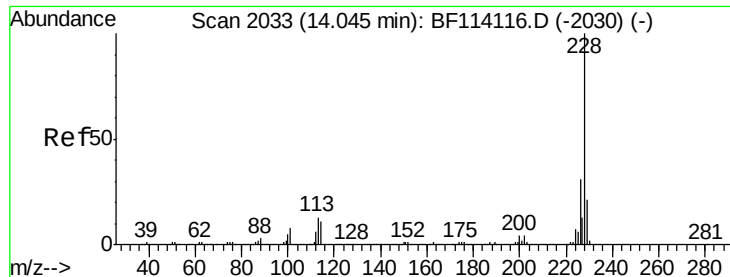
Lab File: BF114568.D

Acq: 24 May 2019 14:23

Tgt Ion:	252	Resp:	165400
Ion Ratio	Lower	Upper	
252	100		
254	63.8	51.9	77.9
126	11.6	7.9	11.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





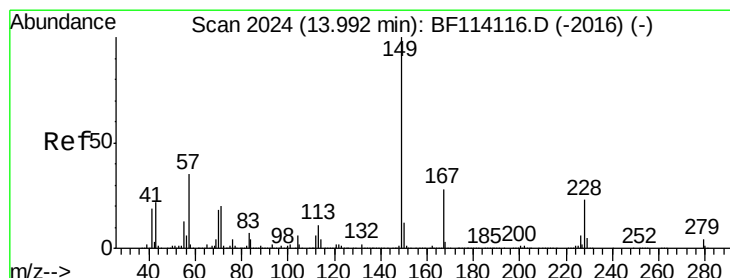
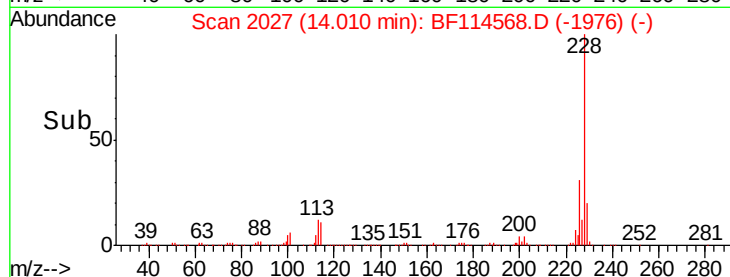
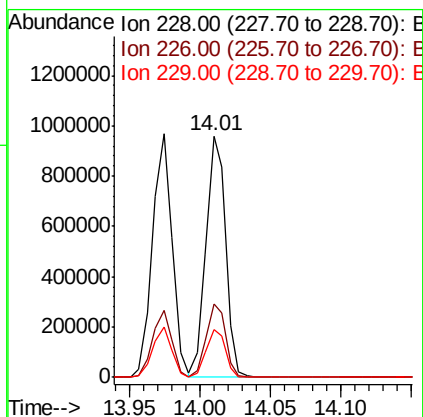
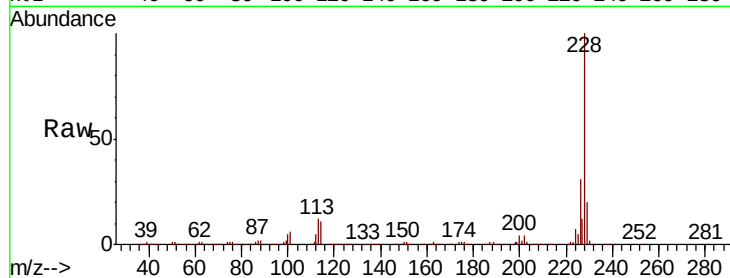
#83
 Chrysene
 Concen: 44.291 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	17.0	25.6

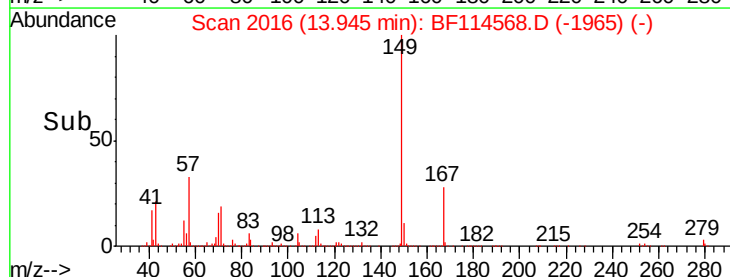
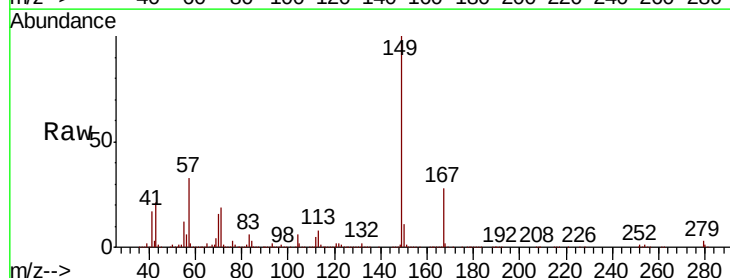
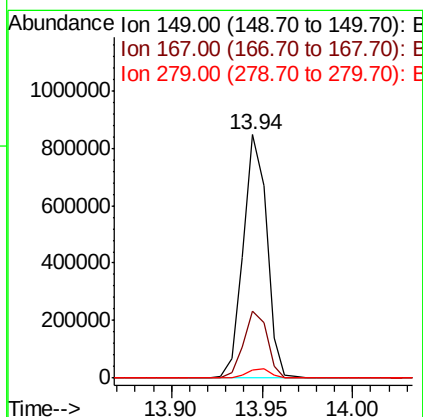
Manual Integrations
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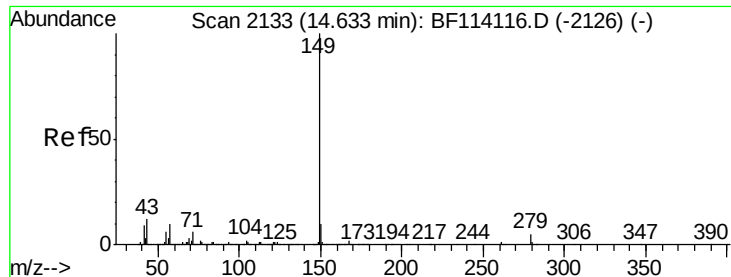
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.375 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF114568.D
 Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	33.8
279	3.5	3.0	4.6





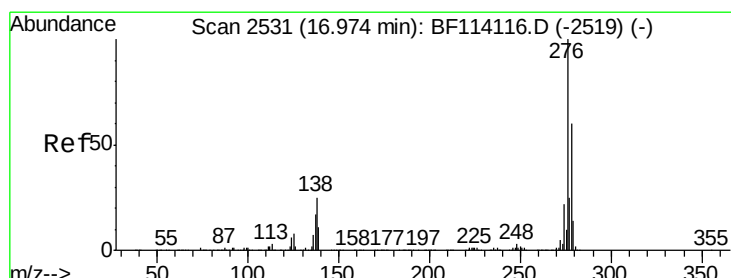
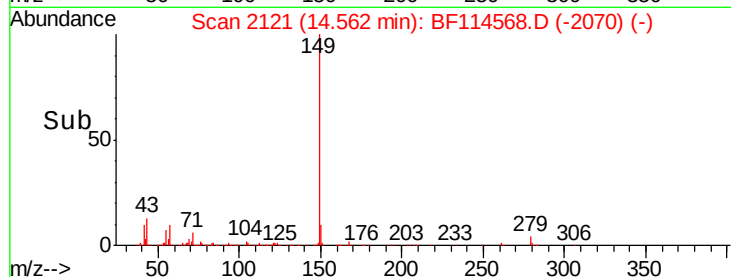
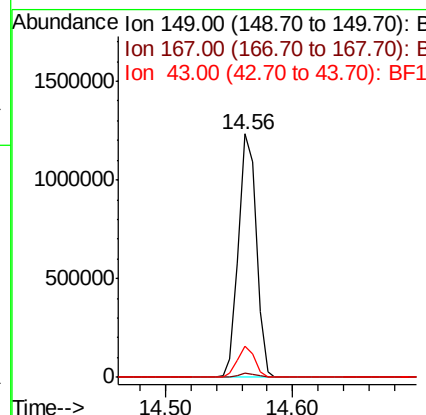
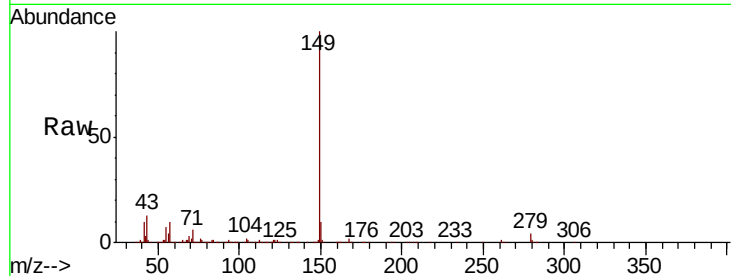
#85
Di-n-octyl phthalate
Concen: 50.439 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.9	10.1	15.1

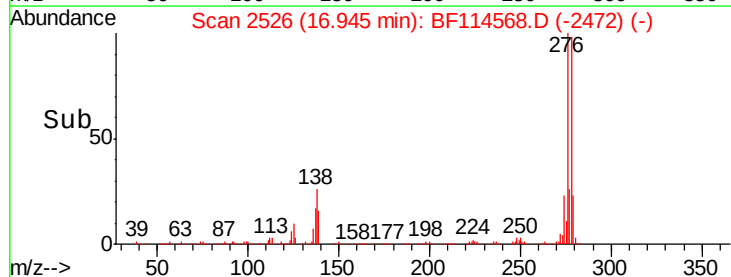
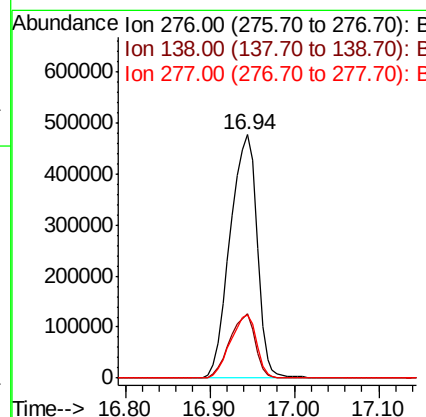
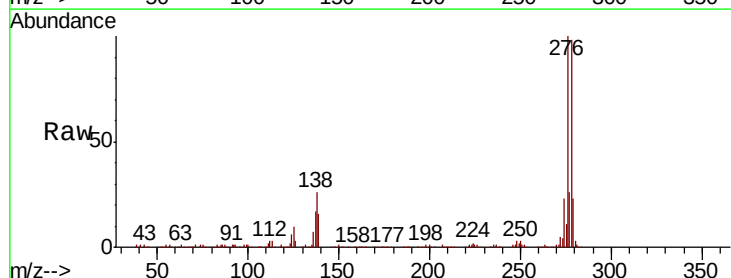
Manual Integrations
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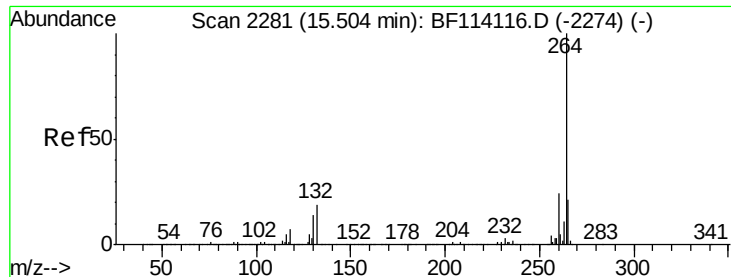
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.146 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.02 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.2
277	25.1	20.0	30.0





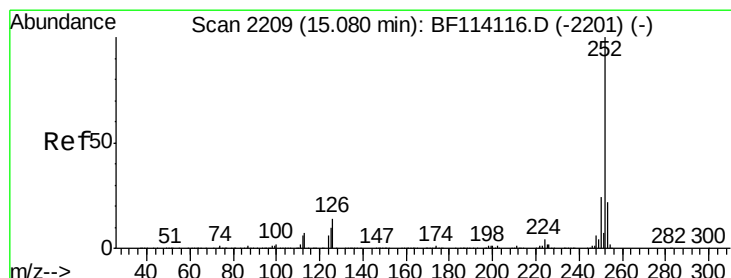
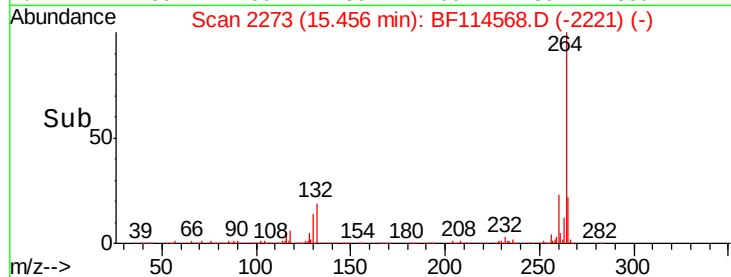
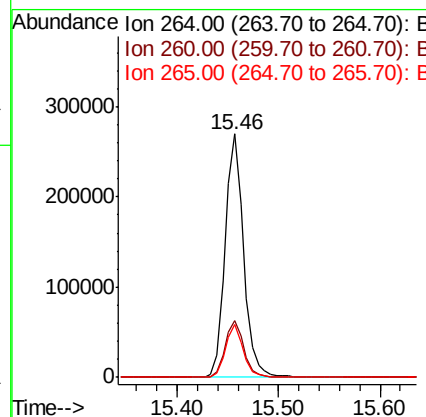
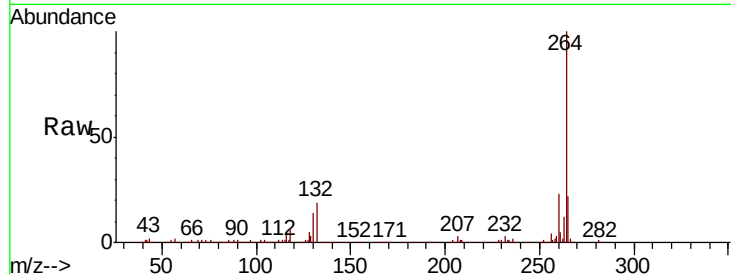
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.7	16.9	25.3

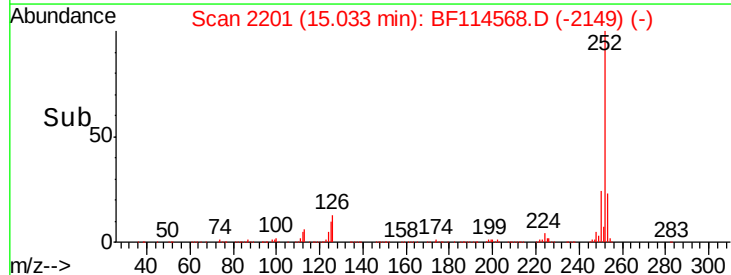
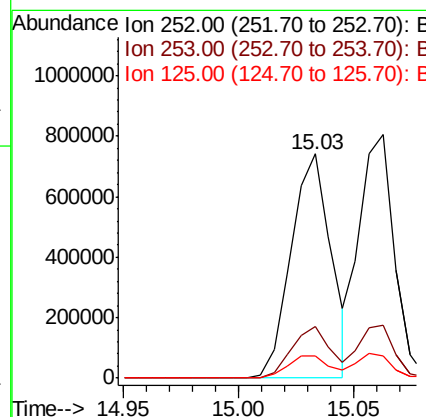
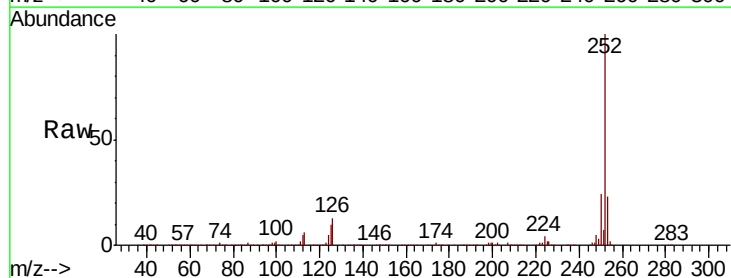
Manual Integrations
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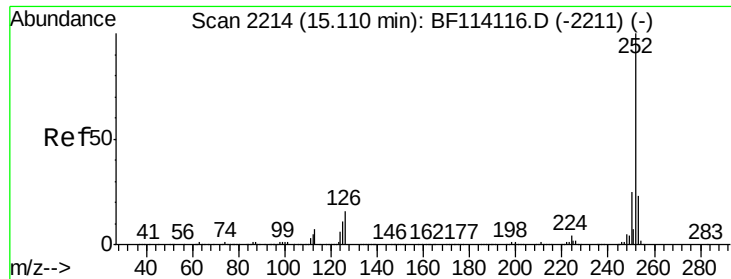
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.772 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.9	8.3	12.5





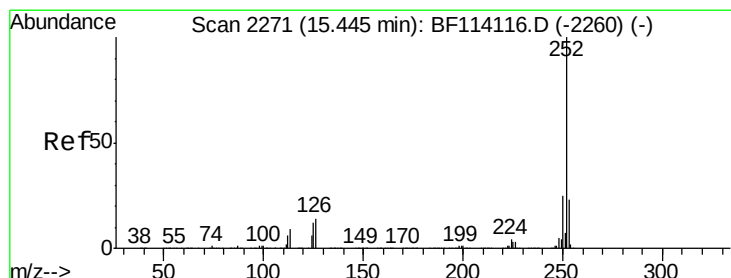
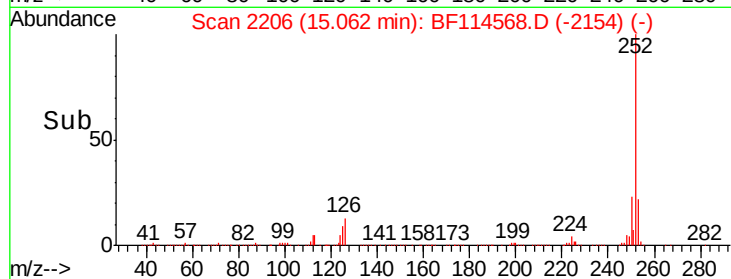
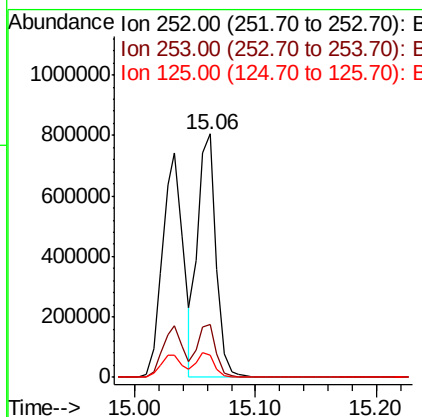
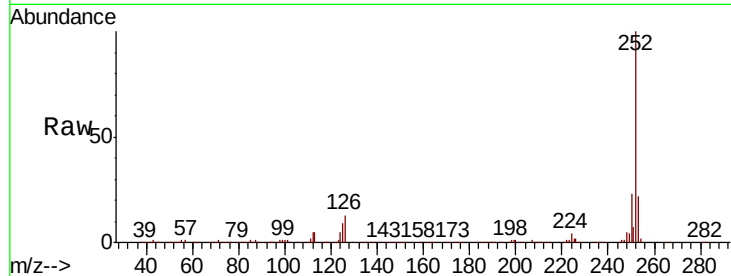
#89
Benzo(k)fluoranthene
Concen: 42.397 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.9	8.6	13.0

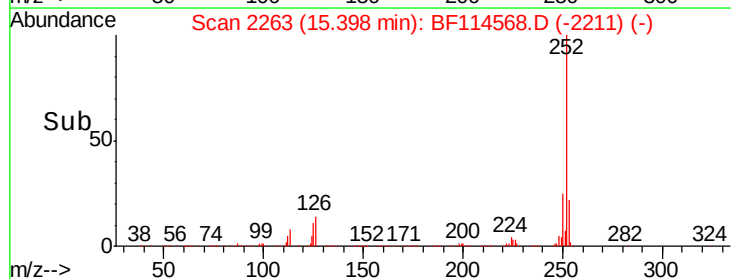
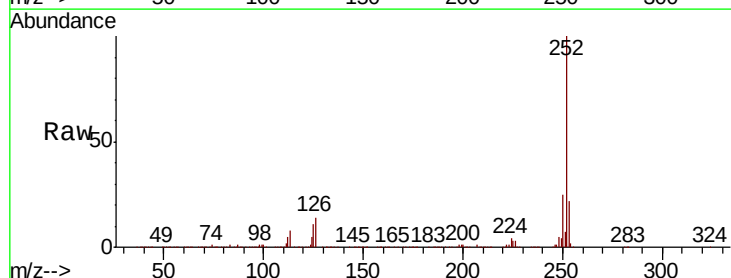
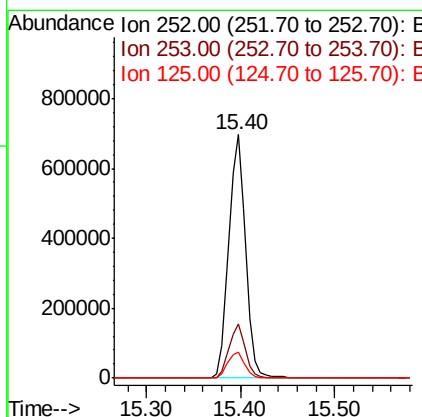
Manual Integrations
APPROVED

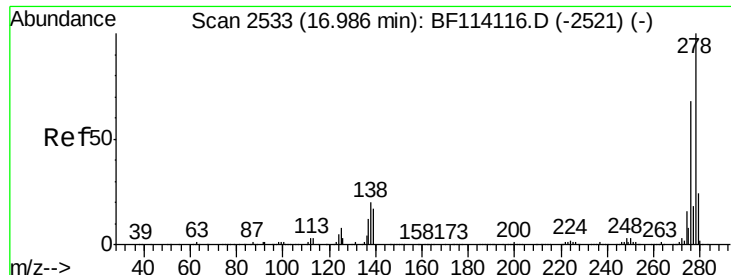
mohammad
5/27/2019 3:47:59 AM



#90
Benzo(a)pyrene
Concen: 45.024 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.9	9.5	14.3





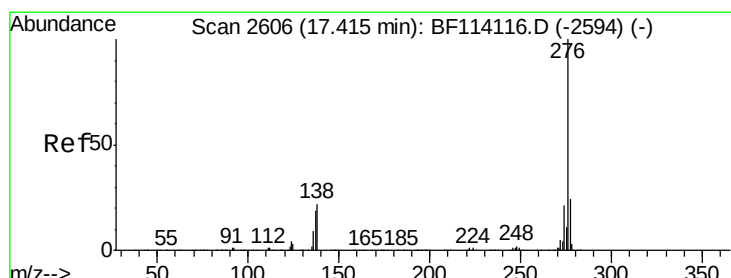
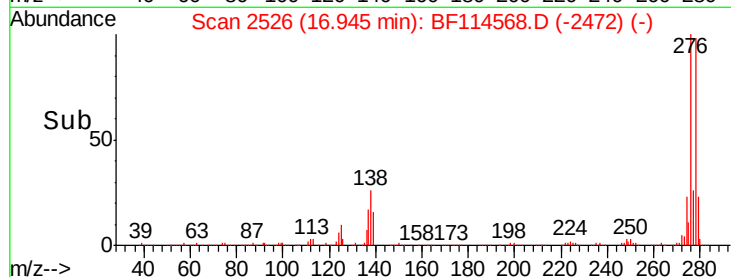
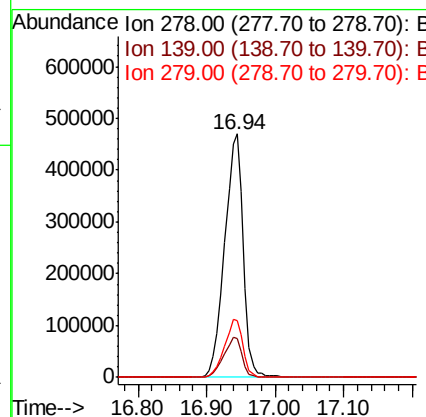
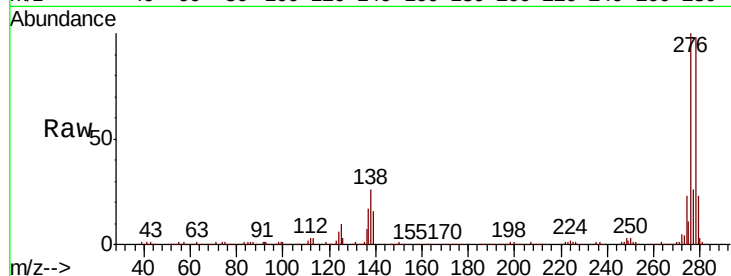
#91
Dibenzo(a,h)anthracene
Concen: 55.264 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.02 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	23.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:47:59 AM



#92
Benzo(g,h,i)perylene
Concen: 58.667 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.02 min
Lab File: BF114568.D
Acq: 24 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	21.2	17.8	26.6

