

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112394.D
 Acq On : 5 Feb 2019 14:09
 Operator : JU/SJ
 Sample : PB116831BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BS

Manual Integrations
 APPROVED

mohammad
 2/6/2019 9:15:43 AM

Quant Time: Feb 05 16:31:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	156111	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	603727	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	305429	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	619757	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	515228	20.00	ng	0.00
87) Perylene-d12	15.47	264	471099	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1177931	160.27	ng	0.00
7) Phenol-d6	6.49	99	1469382	143.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	797250	76.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	507243	142.68	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1671098	77.38	ng	-0.01
79) Terphenyl-d14	12.94	244	2062905	75.41	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	148373	50.677	ng	97
3) Pyridine	3.45	79	379921	51.013	ng	98
4) n-Nitrosodimethylamine	3.39	42	171100	54.682	ng	99
6) Aniline	6.50	93	368498	30.332	ng	# 28
8) 2-Chlorophenol	6.63	128	415685	42.043	ng	98
9) Benzaldehyde	6.38	77	199487	37.372	ng	99
10) Phenol	6.50	94	475148	42.407	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	359193	40.720	ng	97
12) 1,3-Dichlorobenzene	6.77	146	454080	39.435	ng	99
13) 1,4-Dichlorobenzene	6.85	146	465266	39.262	ng	99
14) 1,2-Dichlorobenzene	7.00	146	437032	39.389	ng	97
15) Benzyl Alcohol	6.98	79	340807	39.587	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	444830	39.275	ng	# 43
17) 2-Methylphenol	7.10	107	328321	41.890	ng	92
18) Hexachloroethane	7.34	117	166564	40.026	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	275291	39.092	ng	98
20) 3+4-Methylphenols	7.25	107	420662	41.971	ng	# 72
22) Acetophenone	7.24	105	558095	37.964	ng	95
24) Nitrobenzene	7.42	77	414129	39.576	ng	98
25) Isophorone	7.66	82	740550	45.053	ng	97
26) 2-Nitrophenol	7.73	139	228215	40.809	ng	97
27) 2,4-Dimethylphenol	7.77	122	360486	46.787	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	462039	41.282	ng	99
29) 2,4-Dichlorophenol	7.98	162	358089	41.531	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	397778	40.135	ng	99
31) Naphthalene	8.14	128	1206973	42.751	ng	98
32) Benzoic acid	7.92	122	201068	45.750	ng	98
33) 4-Chloroaniline	8.19	127	294250	23.936	ng	98
34) Hexachlorobutadiene	8.25	225	218615	37.589	ng	98
35) Caprolactam	8.56	113	110308m	36.265	ng	
36) 4-Chloro-3-methylphenol	8.69	107	370040	40.541	ng	99
37) 2-Methylnaphthalene	8.83	142	851534	44.058	ng	98
38) 1-Methylnaphthalene	8.93	142	808283	43.631	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	393114	39.200	ng	98

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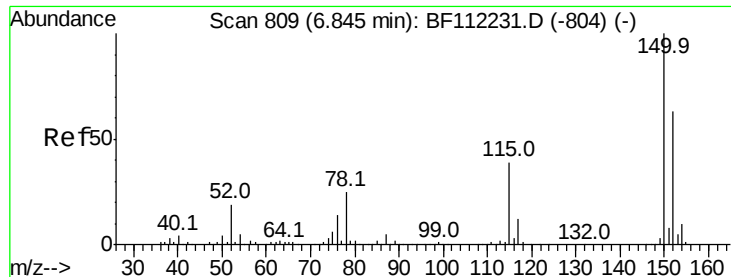
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	268601	71.781	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	248601	40.217	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	263104	40.725	nq	99
46) 1,1'-Biphenyl	9.29	154	1057754	39.614	nq	98
47) 2-Chloronaphthalene	9.32	162	810137	39.125	nq	97
48) 2-Nitroaniline	9.42	65	226584	40.148	nq	90
49) Acenaphthylene	9.73	152	1291251	42.546	nq	98
50) Dimethylphthalate	9.59	163	959165	40.419	nq	99
51) 2,6-Dinitrotoluene	9.66	165	217757	40.973	nq #	86
52) Acenaphthene	9.90	154	742610	40.961	nq	99
53) 3-Nitroaniline	9.83	138	149485	25.962	nq	89
54) 2,4-Dinitrophenol	9.95	184	156278	91.625	nq	94
55) Dibenzofuran	10.08	168	1125853	40.637	nq	98
56) 4-Nitrophenol	10.02	139	244650	80.369	nq	95
57) 2,4-Dinitrotoluene	10.07	165	290783	42.977	nq #	86
58) Fluorene	10.42	166	909246	43.856	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	221652m	45.400	nq	
60) Diethylphthalate	10.29	149	959223	40.732	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	435591	38.623	nq	98
62) 4-Nitroaniline	10.45	138	228068	40.383	nq	95
63) Azobenzene	10.57	77	830624	40.105	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	123917	35.662	nq	98
66) n-Nitrosodiphenylamine	10.53	169	808107	38.688	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	275122	37.744	nq	98
68) Hexachlorobenzene	10.97	284	297443	38.034	nq	98
69) Atrazine	11.06	200	266825	39.590	nq	96
70) Pentachlorophenol	11.17	266	220152	72.347	nq	99
71) Phenanthrene	11.39	178	1341109	41.623	nq	98
72) Anthracene	11.43	178	1398298	43.567	nq	99
73) Carbazole	11.59	167	1230575	38.869	nq	99
74) Di-n-butylphthalate	11.91	149	1495683	38.061	nq	99
75) Fluoranthene	12.57	202	1433971	41.494	nq	98
77) Benzidine	12.69	184	638684	45.039	nq	97
78) Pyrene	12.80	202	1445307	40.517	nq	99
80) Butylbenzylphthalate	13.41	149	661221	38.313	nq	98
81) Benzo(a)anthracene	13.99	228	1278694	42.218	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	323775	28.564	nq	99
83) Chrysene	14.03	228	1209633	41.840	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	911195	37.195	nq #	96
85) Di-n-octyl phthalate	14.57	149	1480856	39.289	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1064711	46.476	nq	97
88) Benzo(b)fluoranthene	15.04	252	1229363	43.635	nq	99
89) Benzo(k)fluoranthene	15.07	252	1106611	41.006	nq	98
90) Benzo(a)pyrene	15.41	252	1098217	43.321	nq	100
91) Dibenzo(a,h)anthracene	16.96	278	884248	43.279	nq	99
92) Benzo(g,h,i)perylene	17.39	276	861901	44.714	nq	98

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



#1

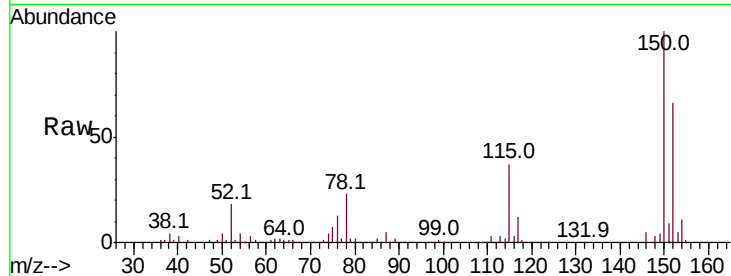
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.4	191.0
115	55.9	45.5	68.3

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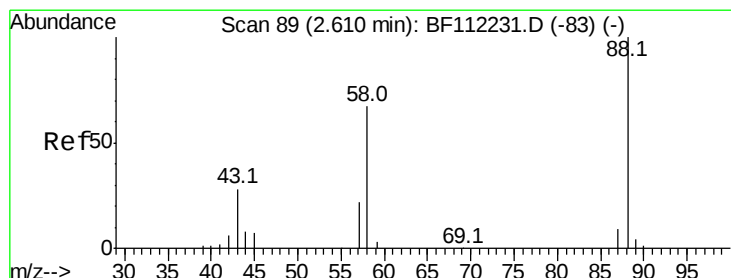
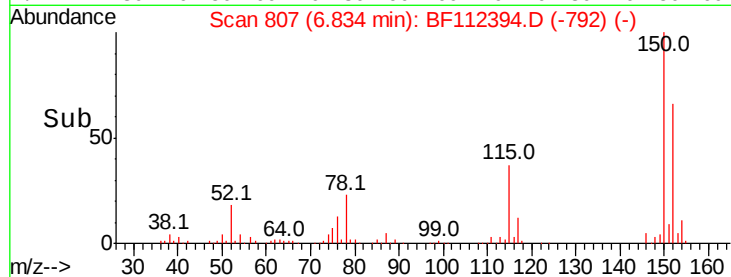
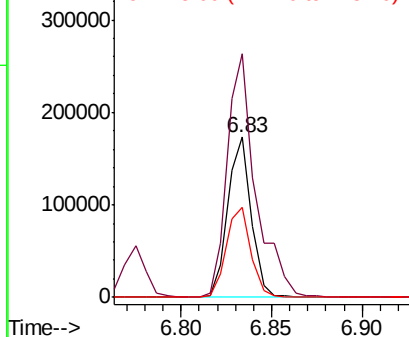


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

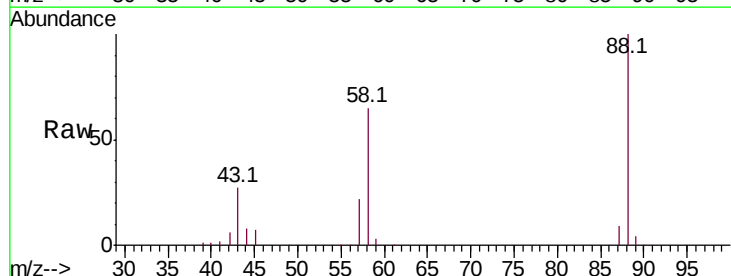
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 50.677 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	57.4	86.2
43	28.1	22.2	33.4

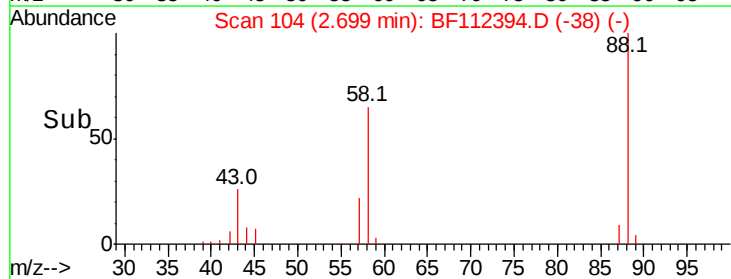
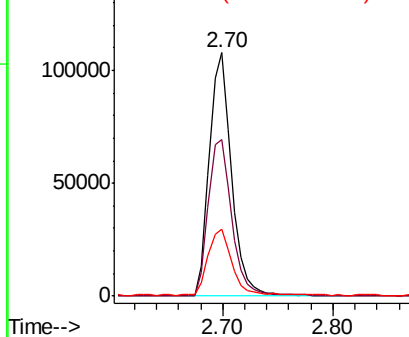


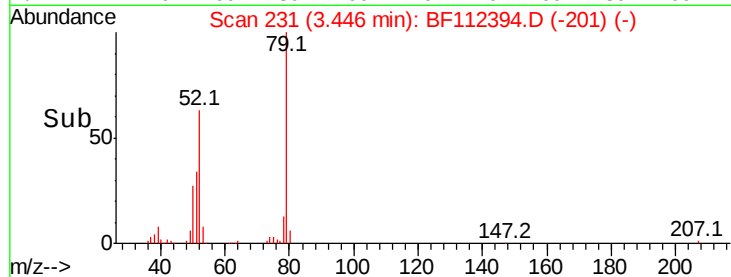
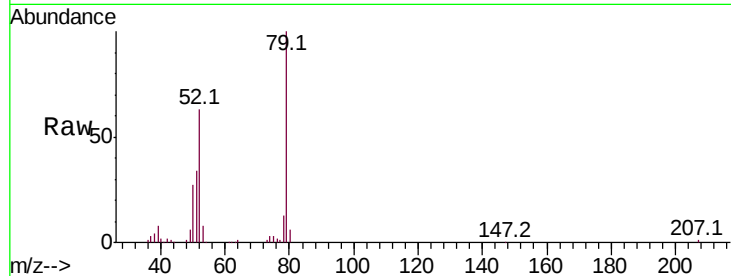
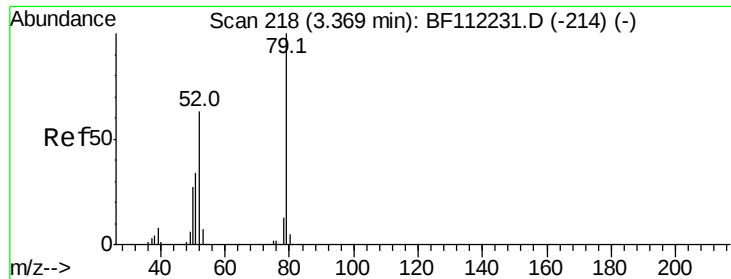
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 51.013 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF112394.D

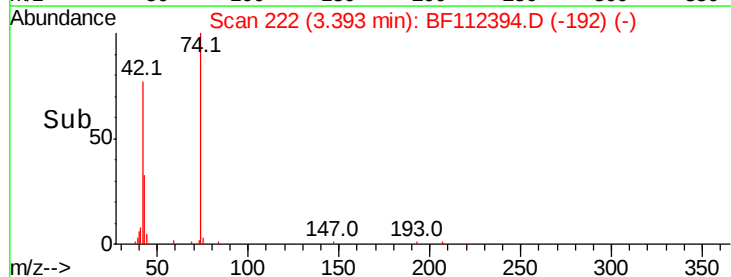
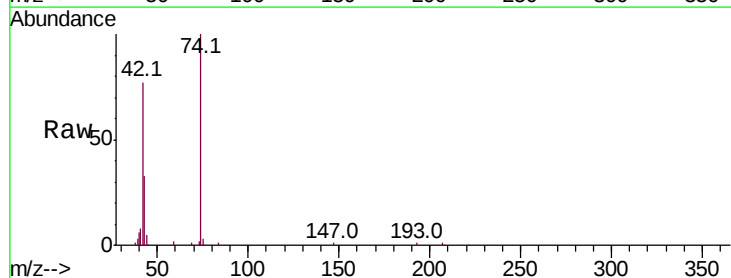
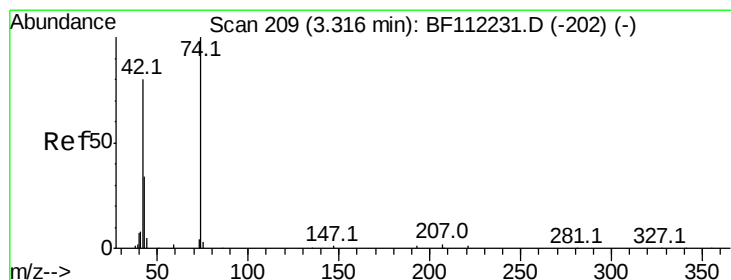
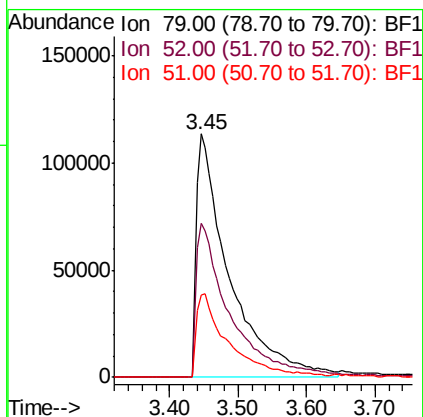
Acq: 5 Feb 2019 14:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	52.4	78.6
51	33.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 54.682 ng

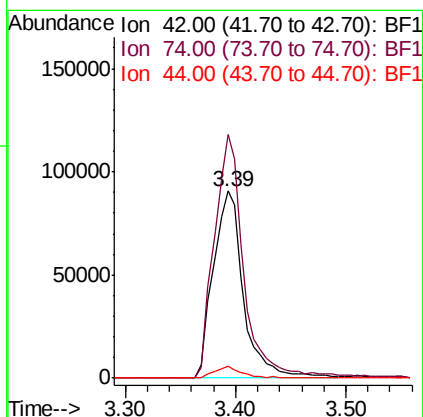
RT: 3.39 min Scan# 222

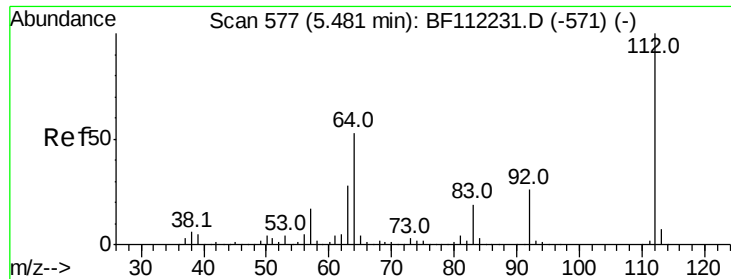
Delta R.T. 0.08 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.4	105.6	158.4
44	6.3	5.4	8.2





#5

2-Fluorophenol

Concen: 160.271 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

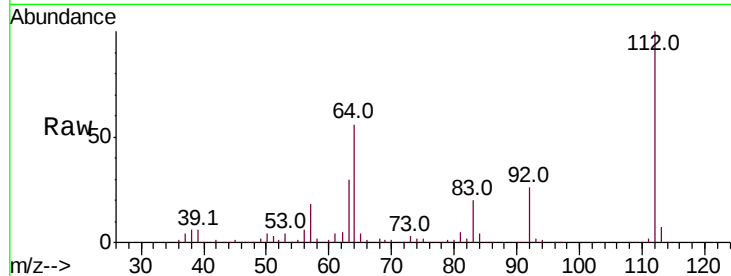
ClientSampleId :

PB116831BS

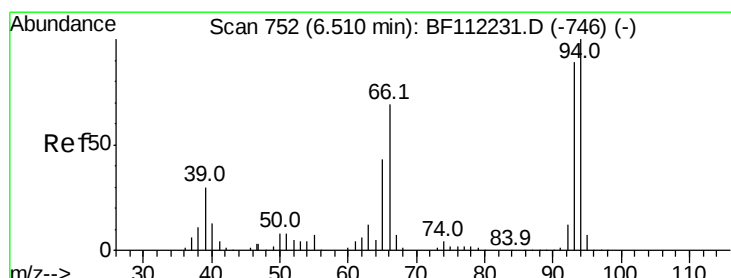
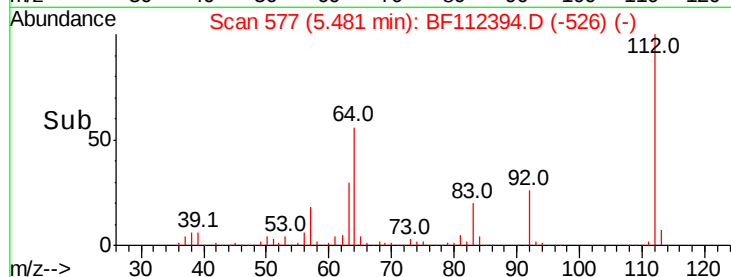
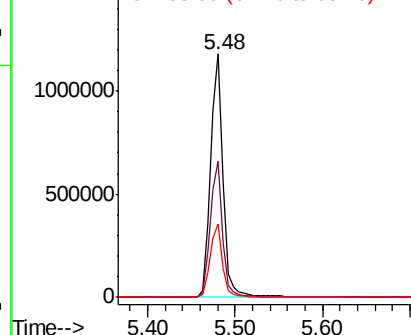
Tot Ion:	112	Resp:	1177931
Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	29.9	23.6	35.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.332 ng

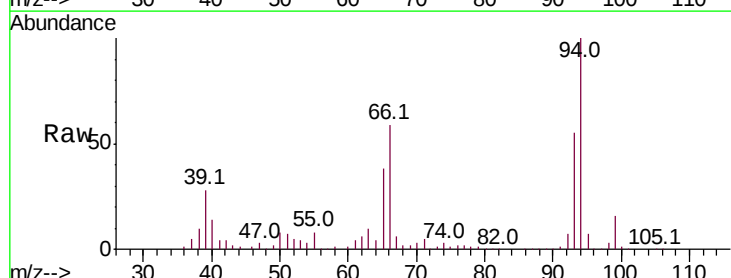
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

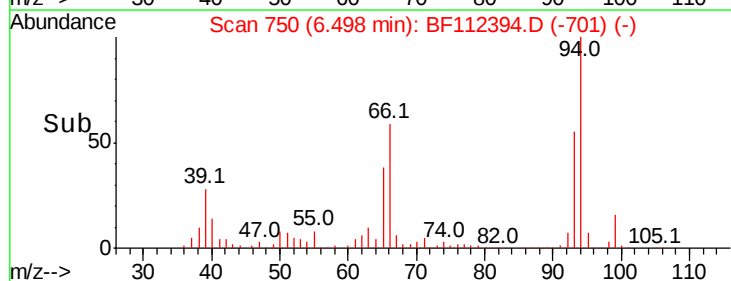
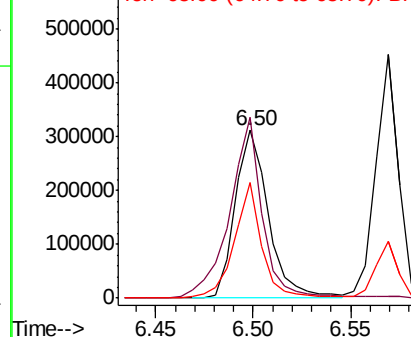
Lab File: BF112394.D

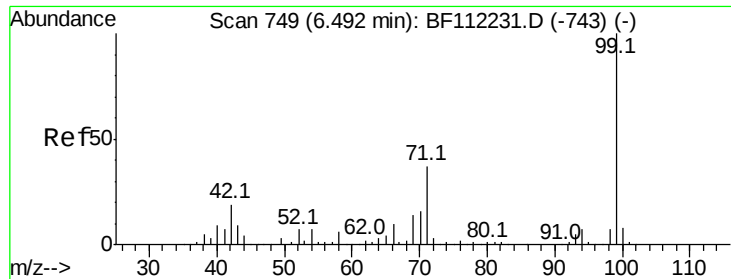
Acq: 5 Feb 2019 14:09

Tgt Ion:	93	Resp:	368498
Ion	Ratio	Lower	Upper
93	100		
66	107.8	43.4	65.2#
65	69.2	25.3	37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.878 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

PB116831BS

Tot Ion: 99 Resp: 1469382

Ion Ratio Lower Upper

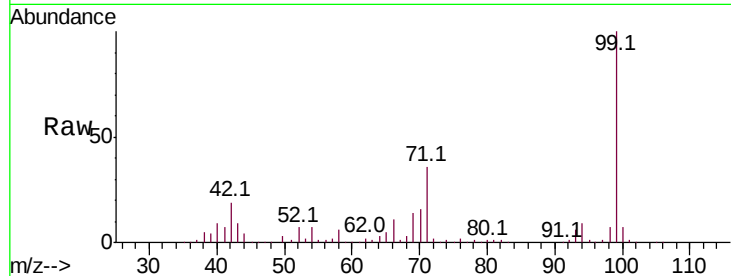
99 100

42 19.2 15.1 22.7

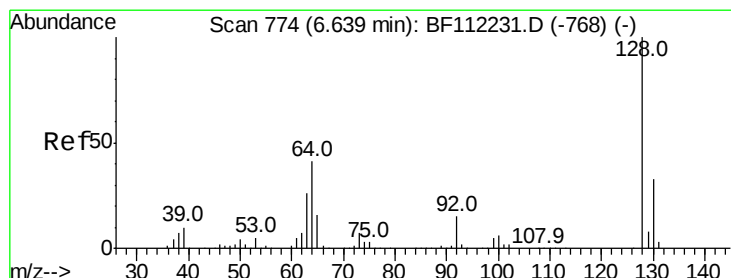
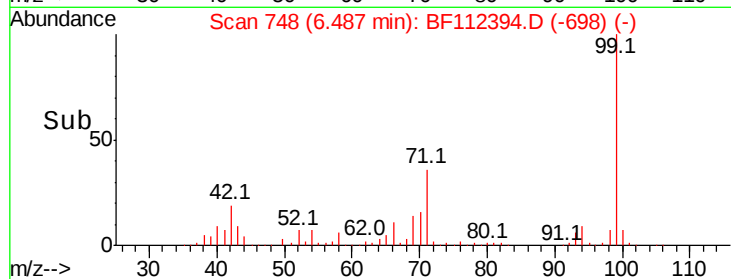
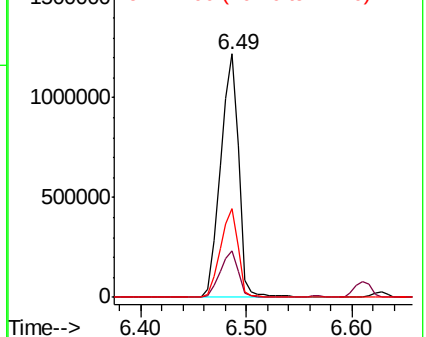
71 36.4 26.9 40.3

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



#8

2-Chlorophenol

Concen: 42.043 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

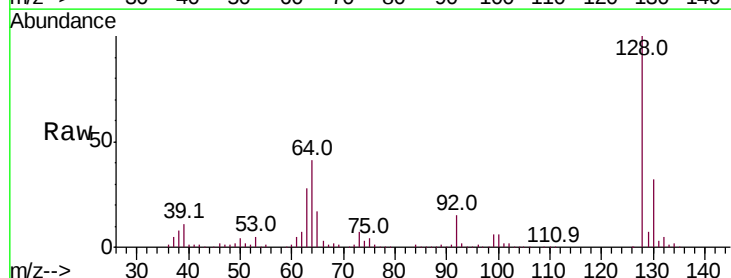
Tgt Ion: 128 Resp: 415685

Ion Ratio Lower Upper

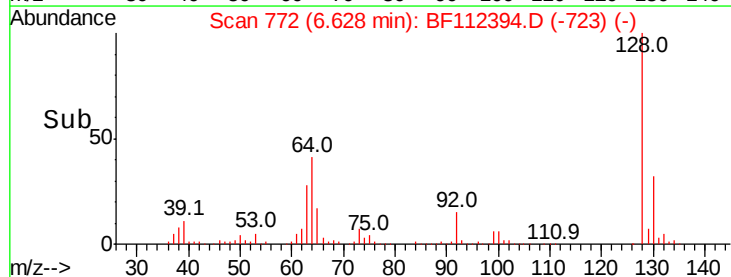
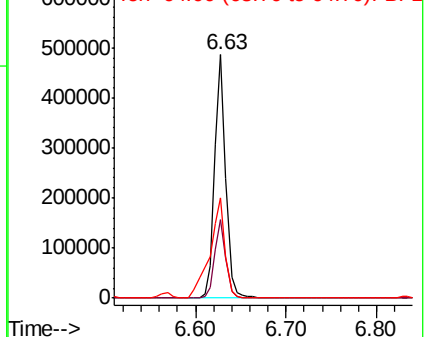
128 100

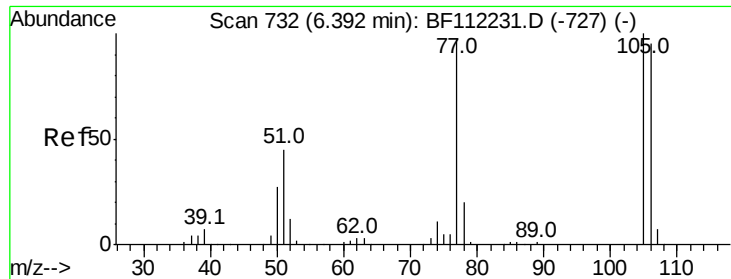
130 32.4 13.4 53.4

64 41.3 20.5 60.5



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





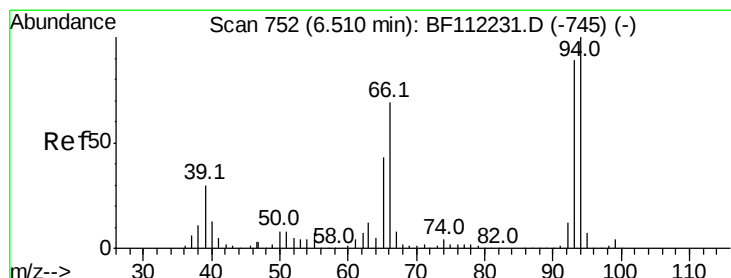
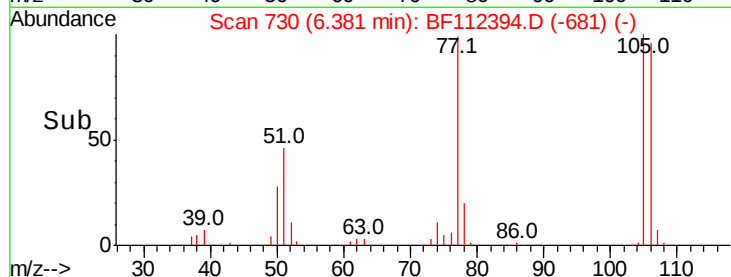
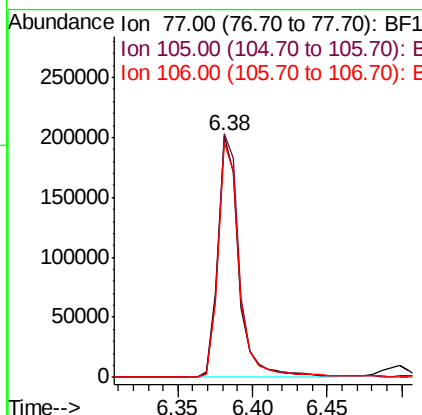
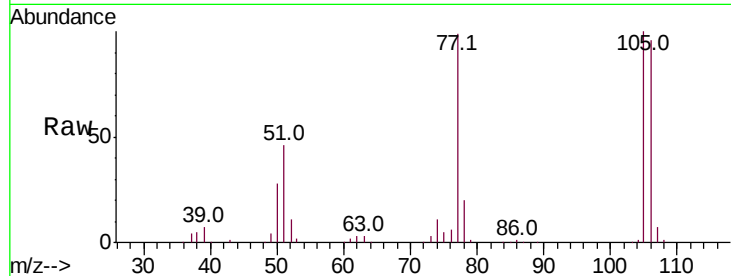
#9
Benzaldehyde
Concen: 37.372 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleID :
PB116831BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	80.8	120.8
106	96.9	75.7	115.7

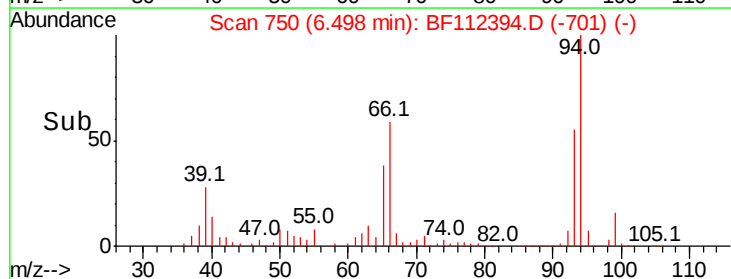
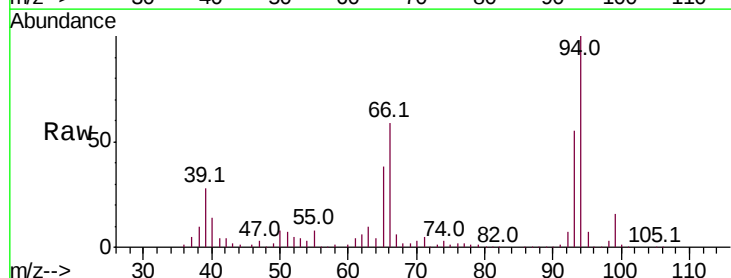
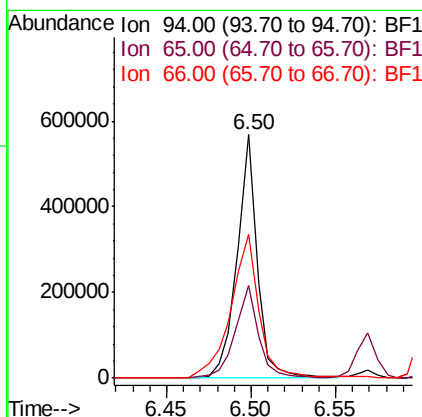
Manual Integrations
APPROVED

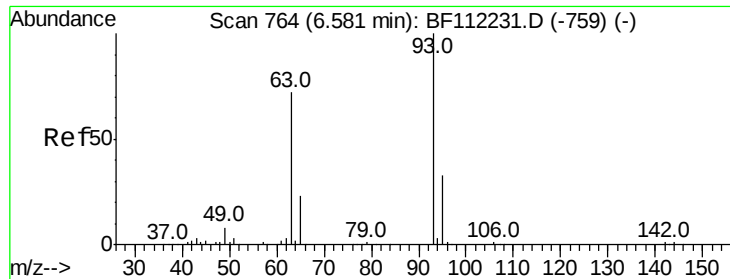
mohammad
2/6/2019 9:15:43 AM



#10
Phenol
Concen: 42.407 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.0	20.3	60.3
66	59.1	42.4	82.4





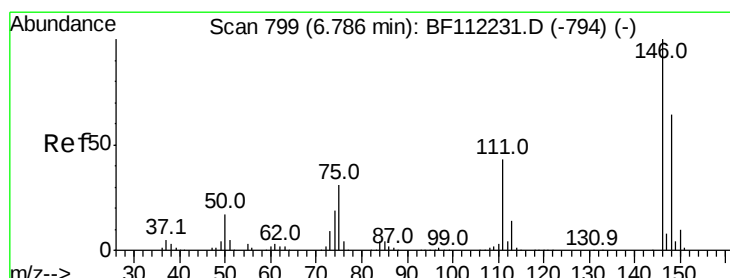
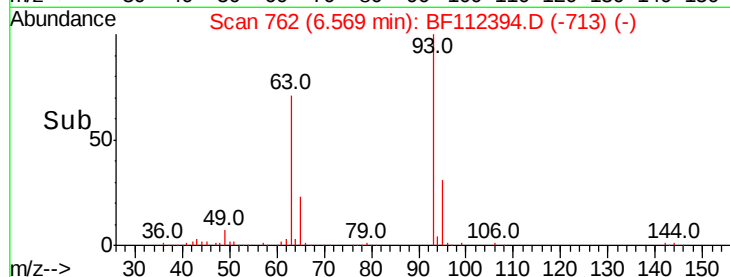
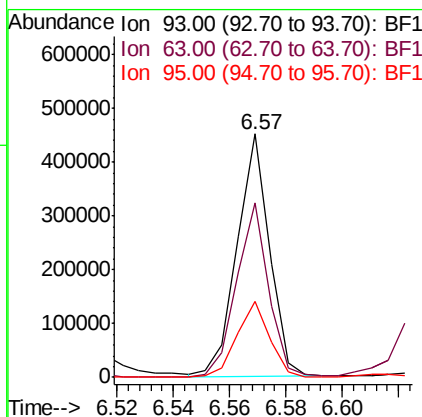
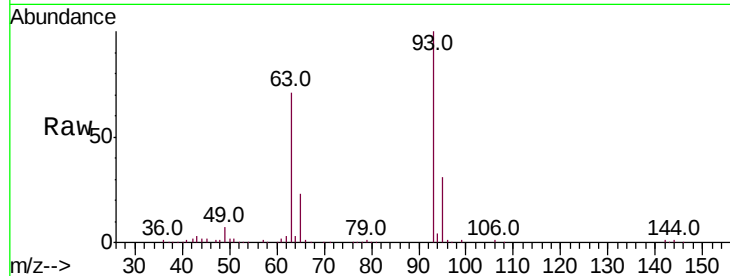
#11
bis(2-Chloroethyl)ether
Concen: 40.720 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	93	Ratio	100	Resp	359193	Lower	Upper
93	100						
63	71.5			53.3		93.3	
95	31.1			13.4		53.4	

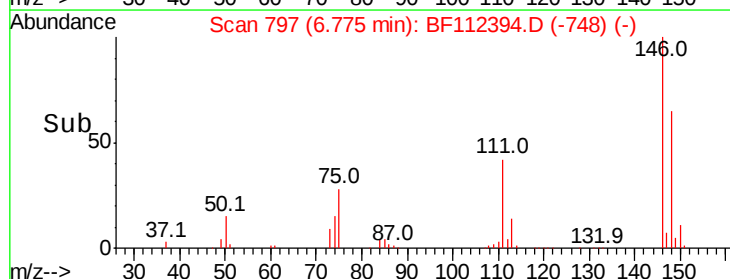
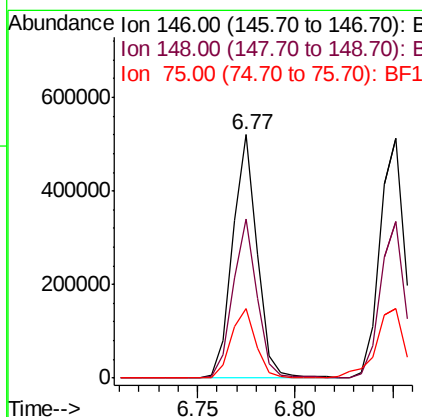
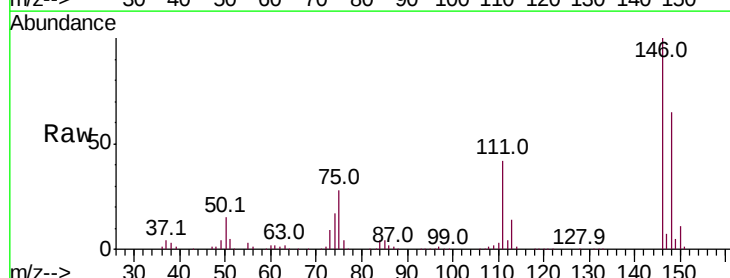
Manual Integrations
APPROVED

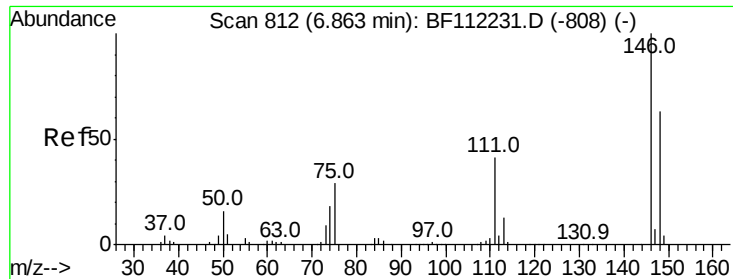
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.435 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	146	Ratio	100	Resp	454080	Lower	Upper
146	100						
148	65.4			51.8		77.8	
75	28.3			23.1		34.7	





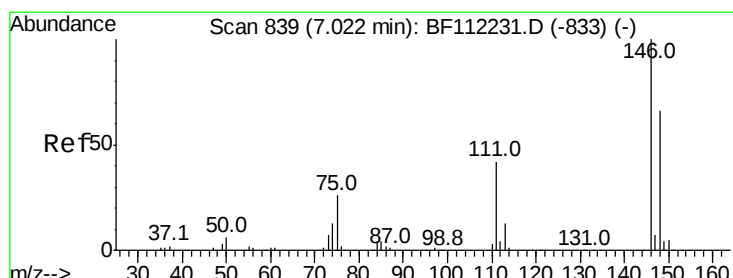
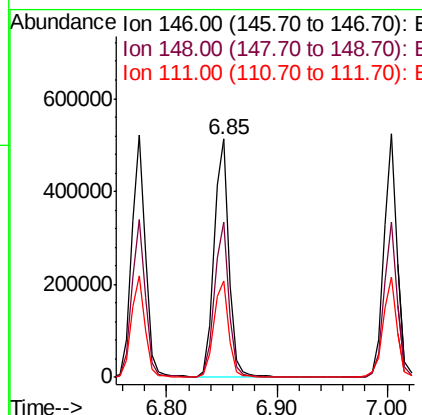
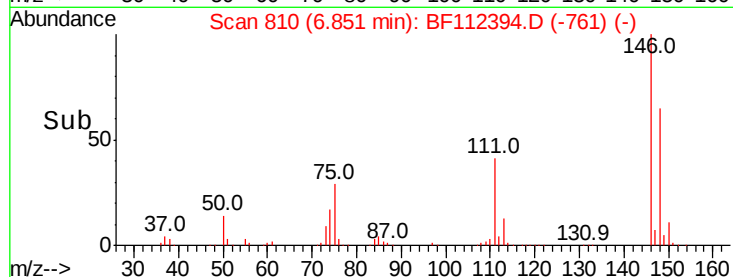
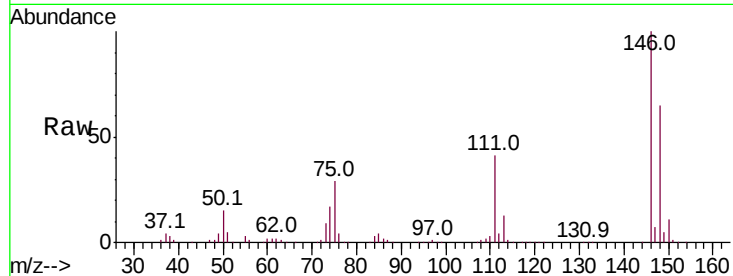
#13
1,4-Dichlorobenzene
Concen: 39.262 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	40.6	31.2	46.8

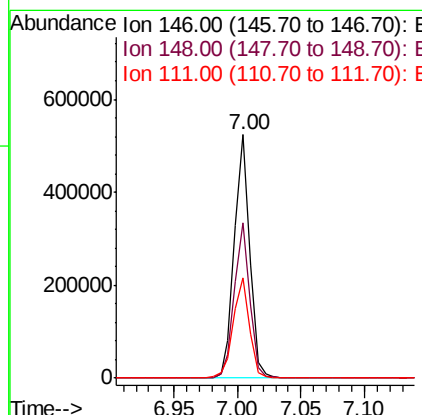
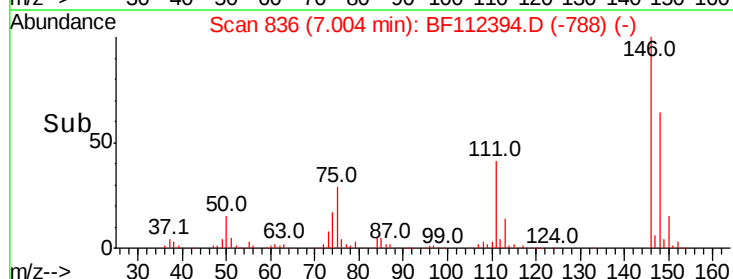
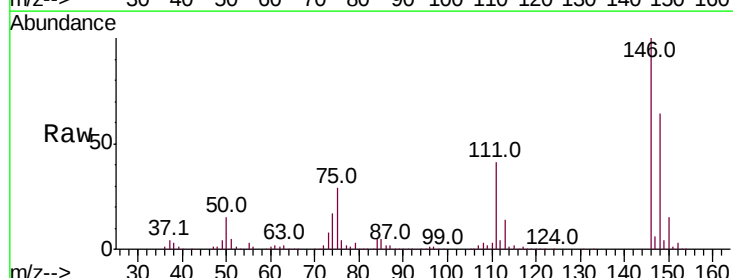
Manual Integrations
APPROVED

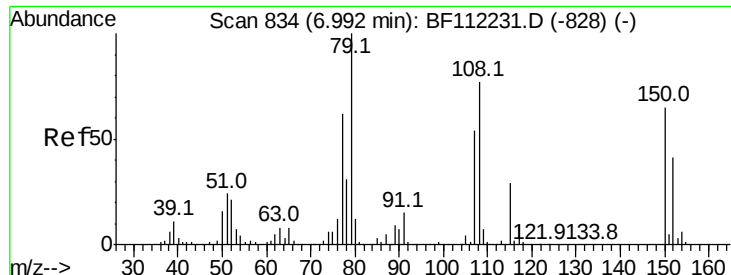
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.389 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
111	41.4	31.2	46.8





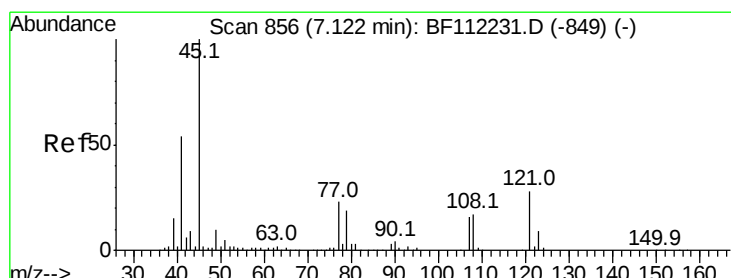
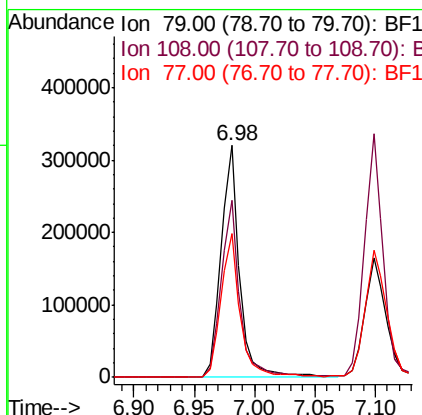
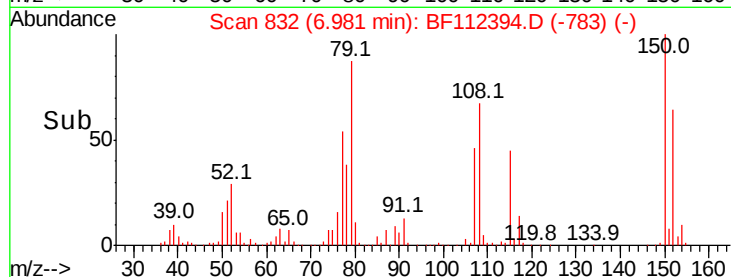
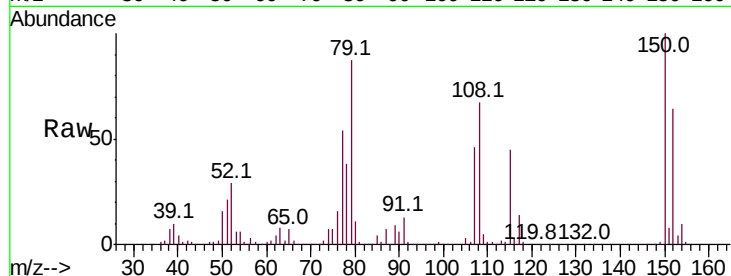
#15
Benzyl Alcohol
Concen: 39.587 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	64.2	96.2
77	62.1	50.3	75.5

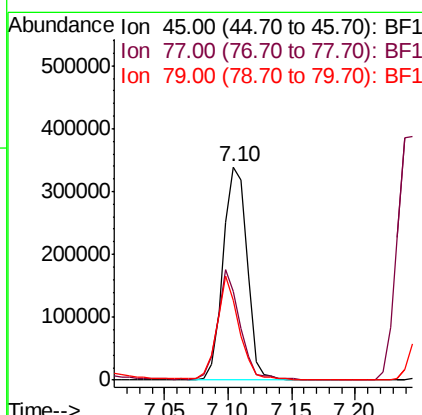
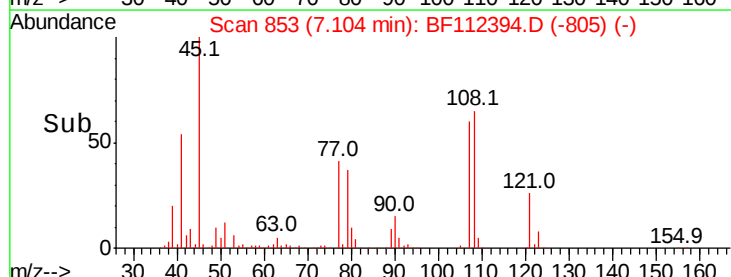
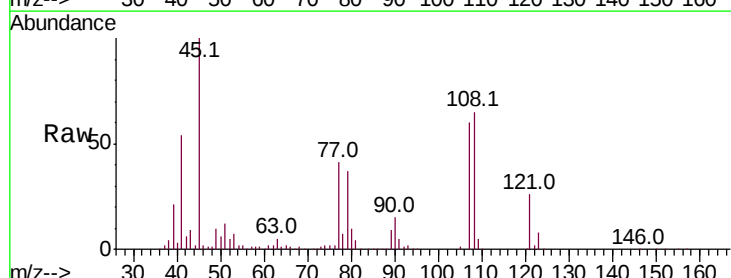
Manual Integrations
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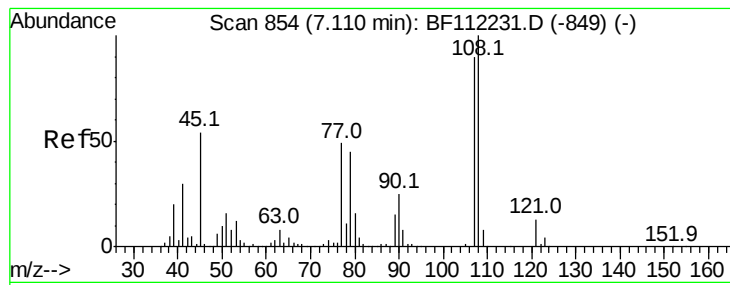
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.275 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.4	0.0	36.9#
79	37.3	0.0	34.0#





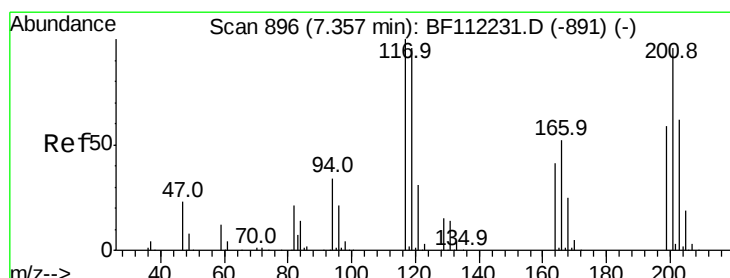
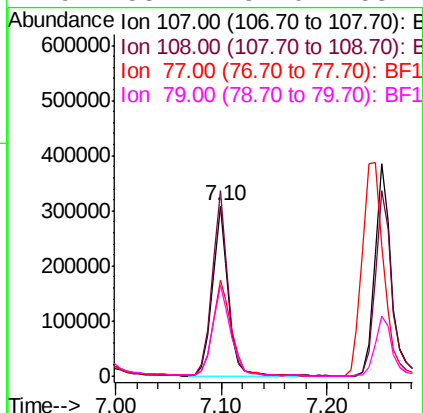
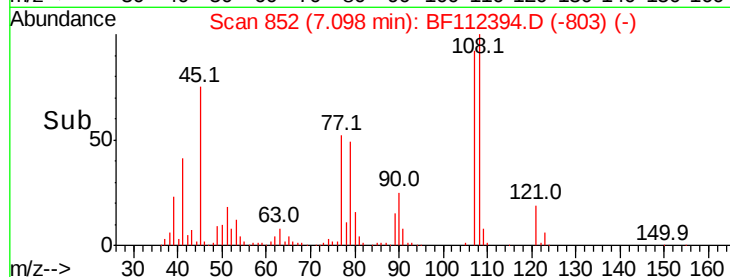
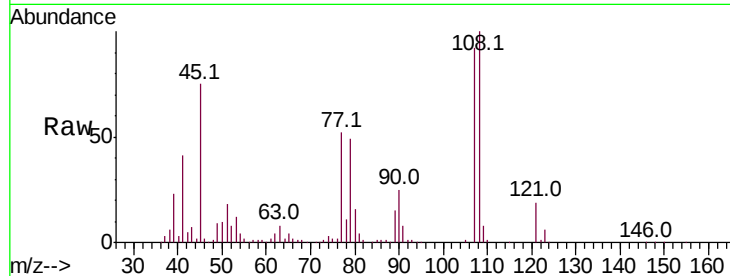
#17
2-Methylphenol
Concen: 41.890 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	91.3	136.9
77	56.6	39.0	58.6
79	53.4	37.0	55.4

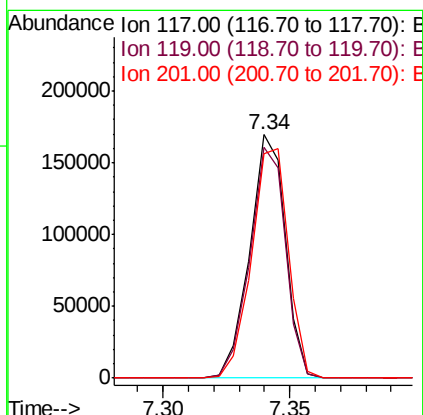
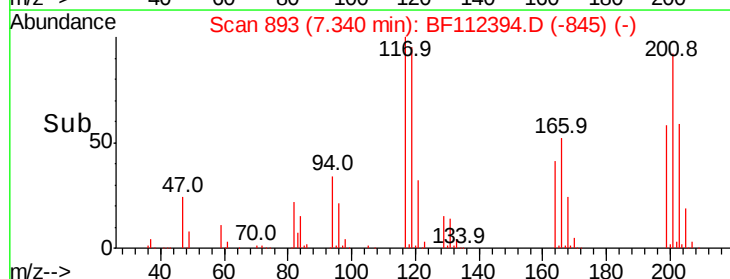
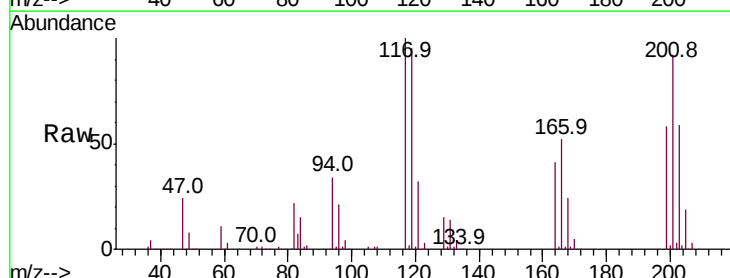
Manual Integrations
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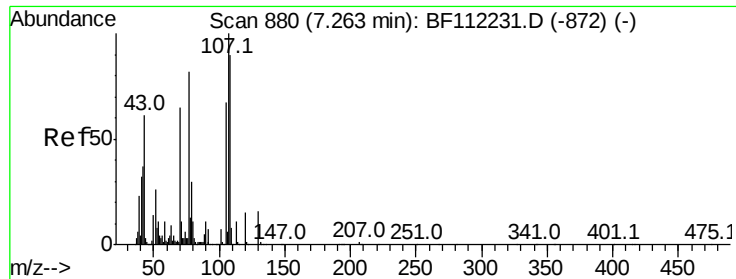
mohammad
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#18
Hexachloroethane
Concen: 40.026 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.4
201	92.0	74.1	111.1





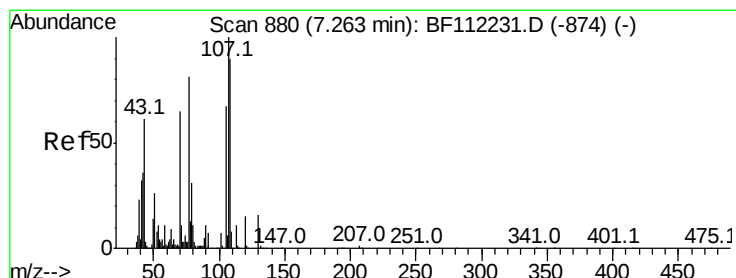
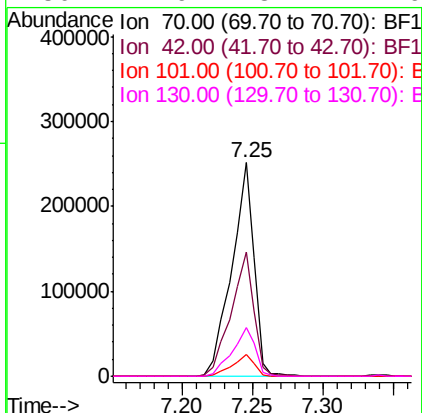
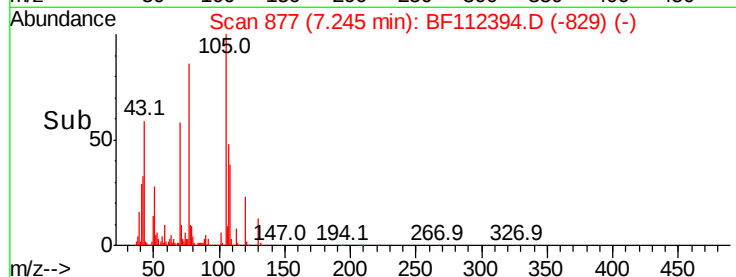
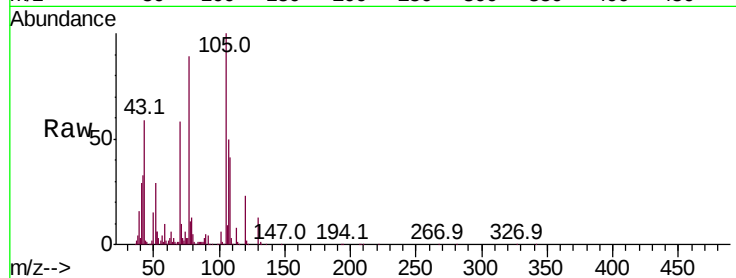
#19
n-Nitroso-di-n-propylamine
Concen: 39.092 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.6	71.4
101	10.3	7.9	11.9
130	22.6	18.4	27.6

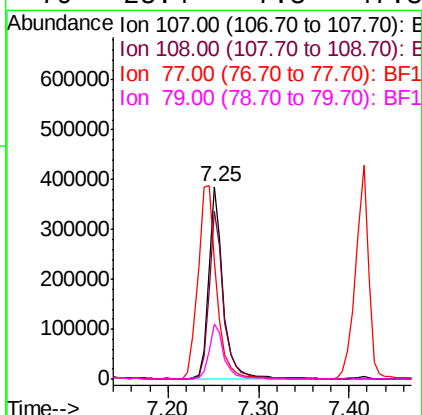
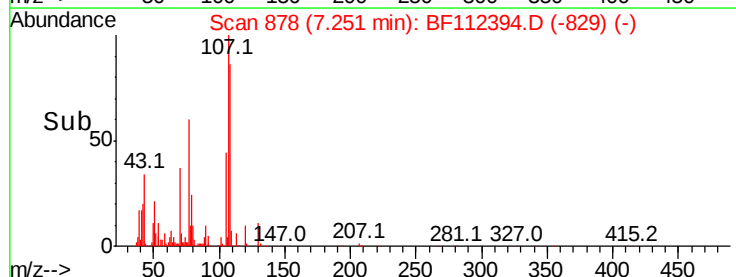
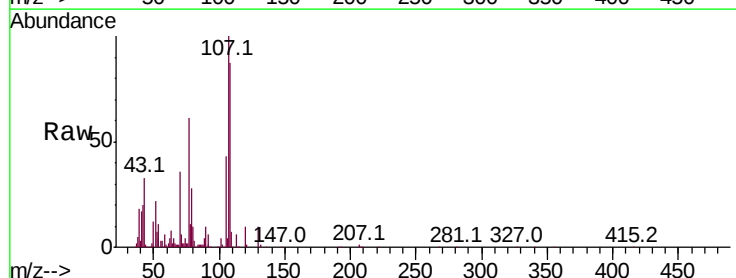
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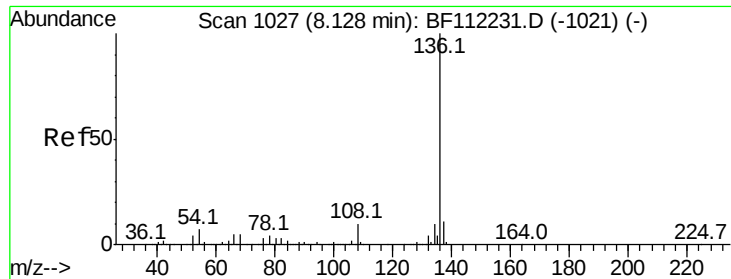
mohammad
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#20
3+4-Methylphenols
Concen: 41.971 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	61.1	100.7	140.7#
79	28.4	7.3	47.3





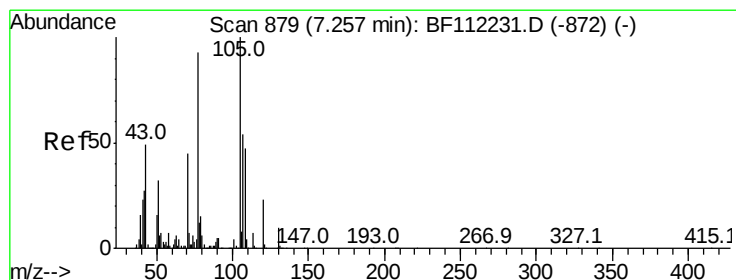
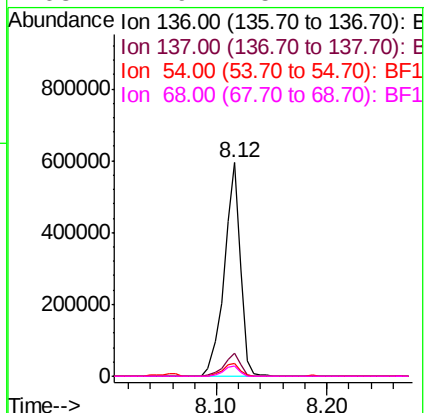
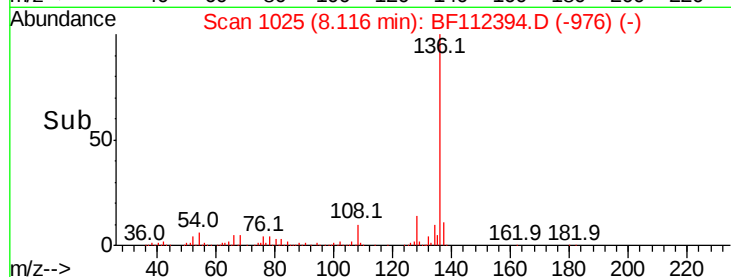
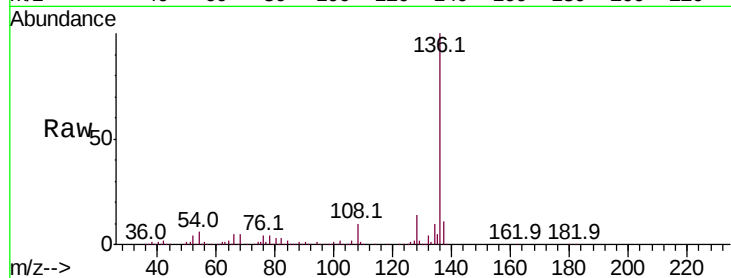
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	603727		
137	10.8		9.1	13.7
54	6.3		5.9	8.9
68	4.9		5.1	7.7#

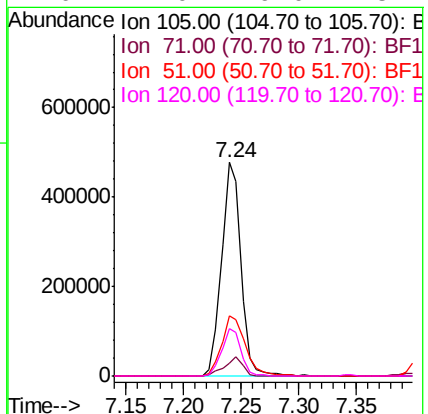
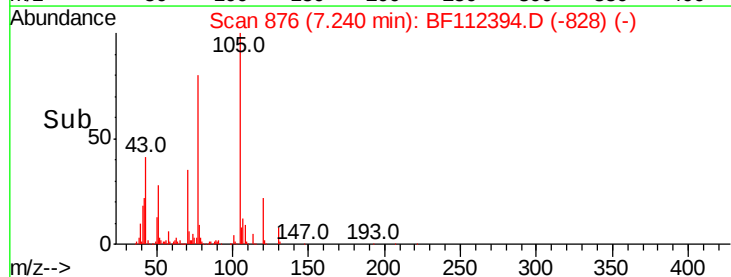
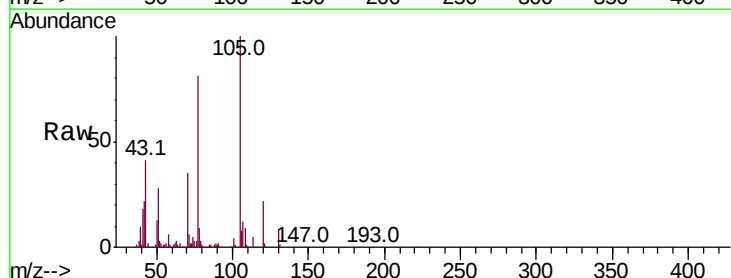
Manual Integrations
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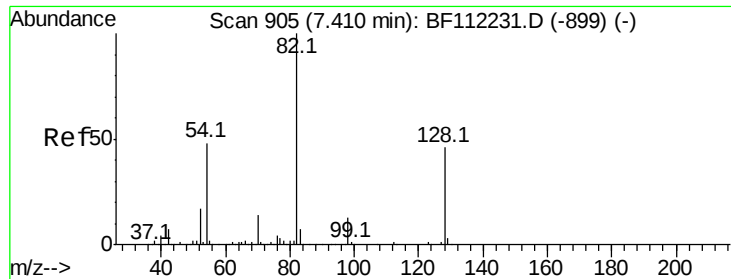
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#22
Acetophenone
Concen: 37.964 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	558095		
71	6.1		4.6	6.8
51	28.0		25.0	37.6
120	22.0		19.0	28.4





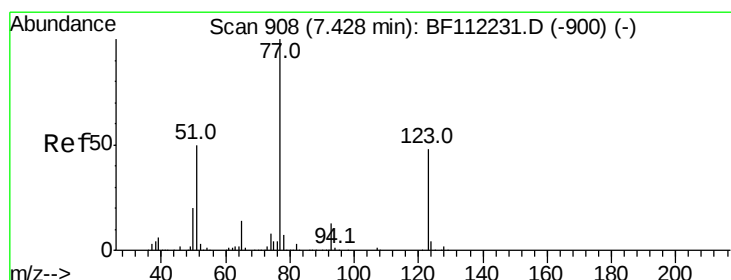
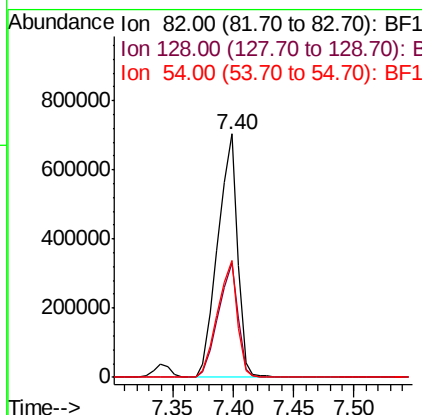
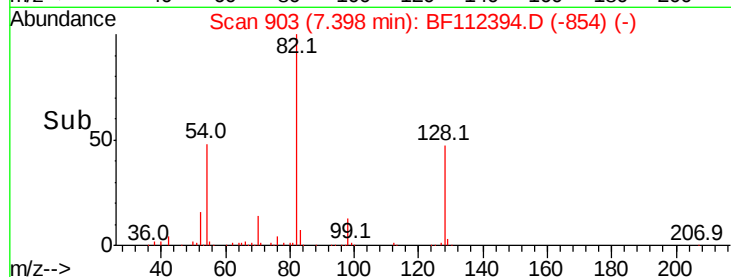
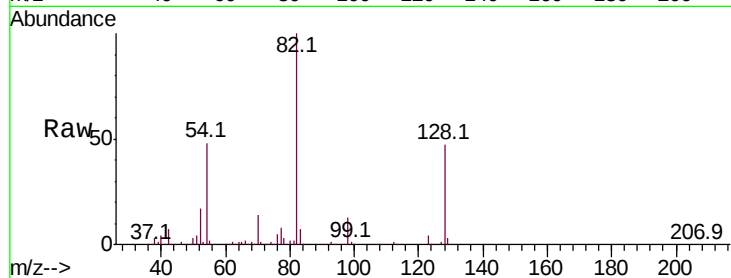
#23
Nitrobenzene-d5
Concen: 76.090 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.8	56.8
54	48.1	39.7	59.5

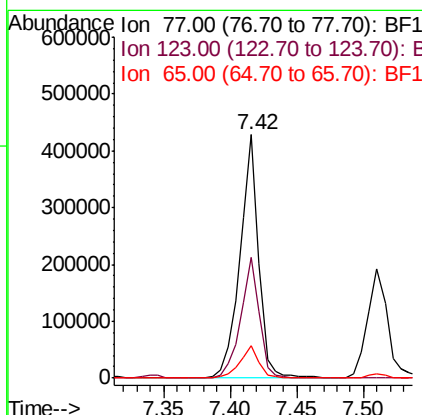
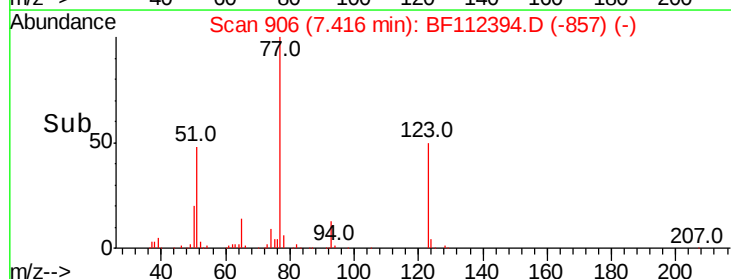
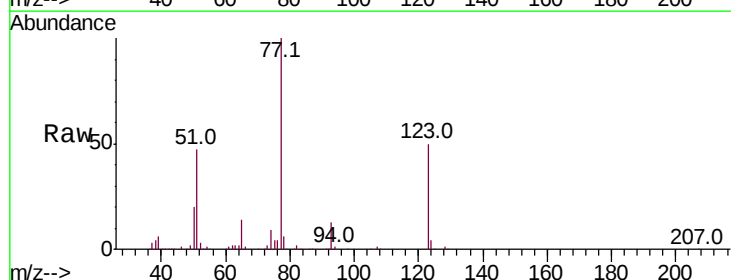
Manual Integrations
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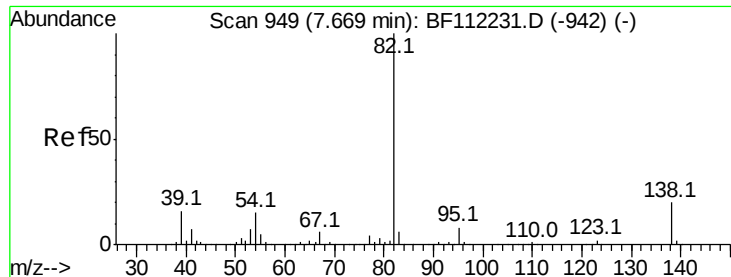
mohammad
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#24
Nitrobenzene
Concen: 39.576 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	38.4	57.6
65	13.6	10.6	15.8





#25

Isophorone

Concen: 45.053 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

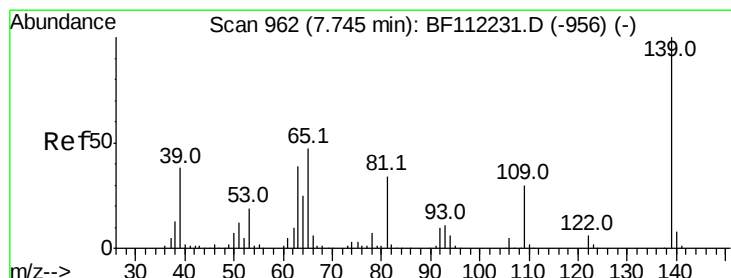
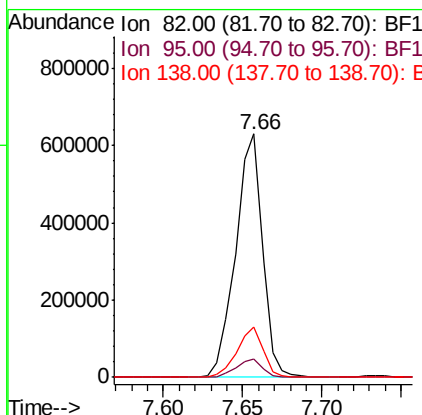
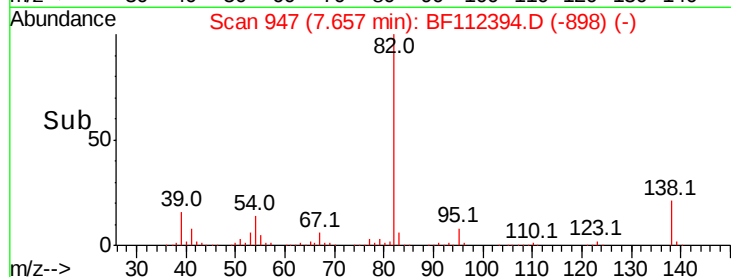
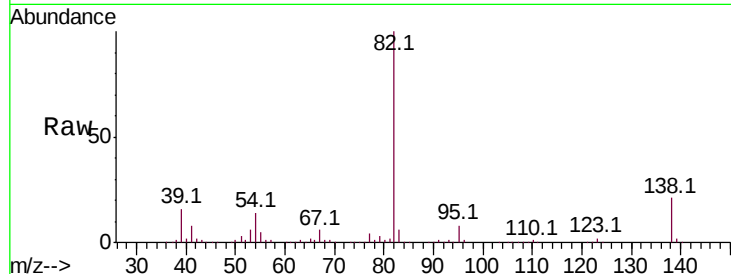
ClientSampleId :

PB116831BS

Tot Ion:	82	Resp:	740550
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.7	8.5
138	20.6	15.4	23.0

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#26

2-Nitrophenol

Concen: 40.809 ng

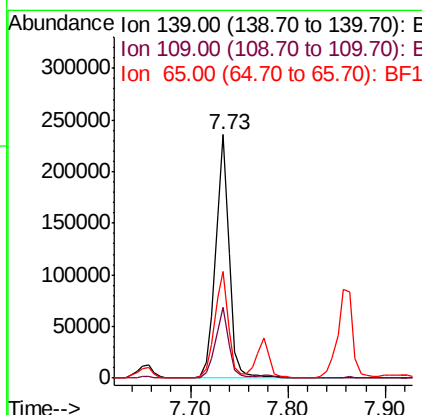
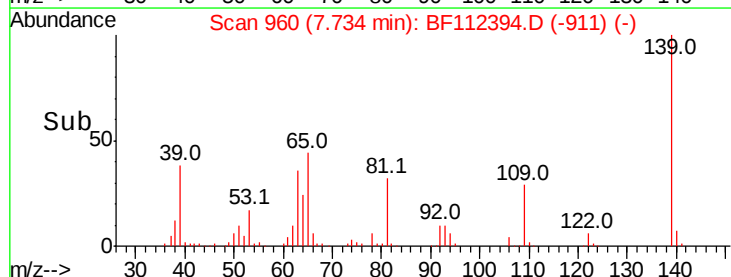
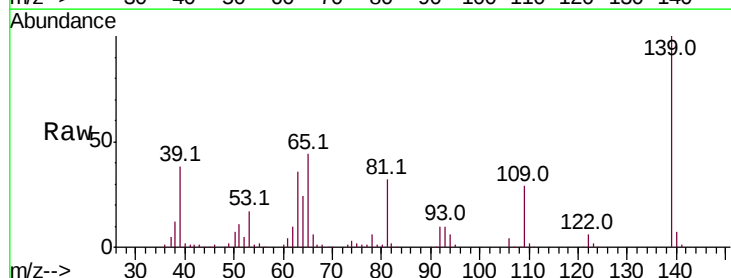
RT: 7.73 min Scan# 960

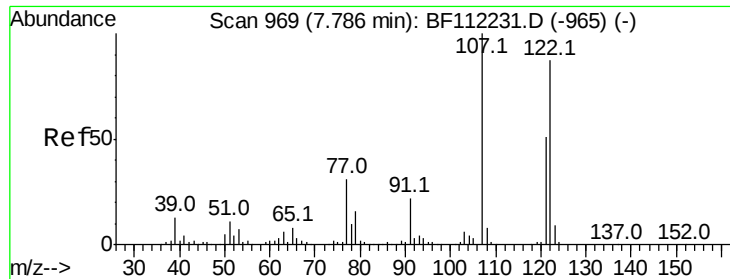
Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion:	139	Resp:	228215
Ion Ratio	Lower	Upper	
139	100		
109	28.9	20.8	31.2
65	44.1	34.4	51.6





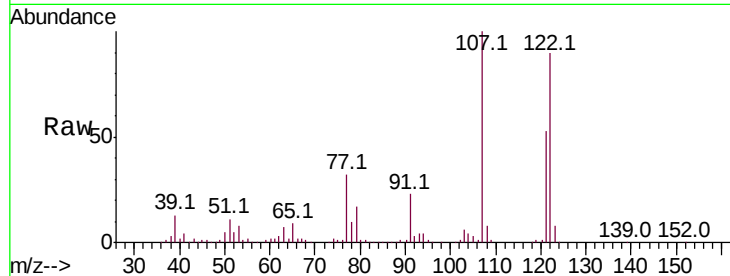
#27
2,4-Dimethylphenol
Concen: 46.787 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	360486		
107	111.1	85.4	128.0	
121	58.9	47.0	70.4	

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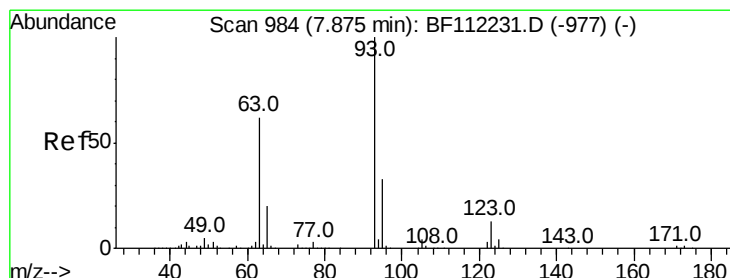
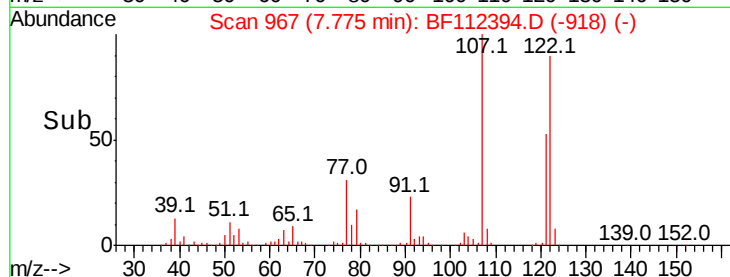
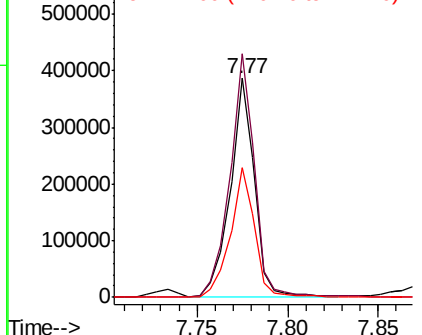


Abundance

Ion 122.00 (121.70 to 122.70): E

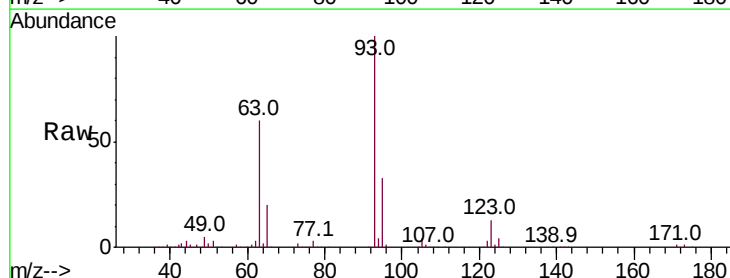
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.282 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	462039		
95	32.7	26.8	40.2	
123	12.7	10.2	15.2	

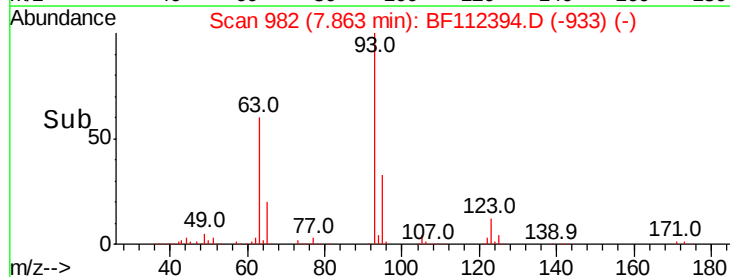
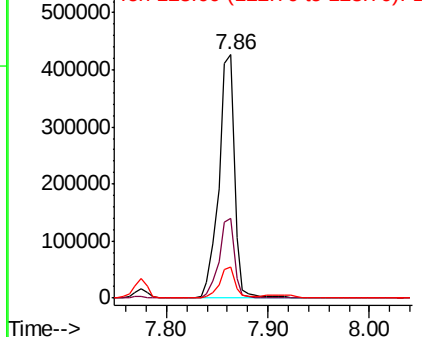


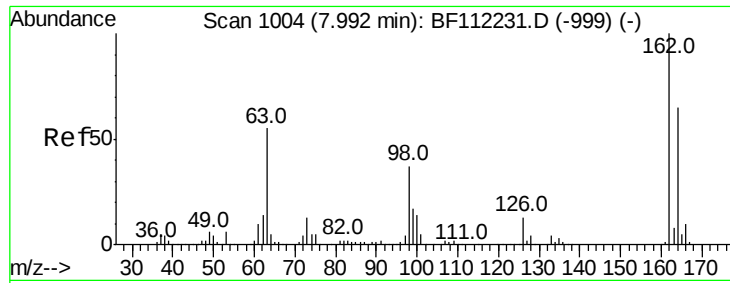
Abundance

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





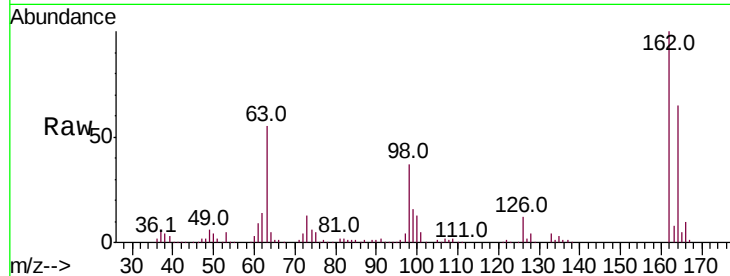
#29
 2,4-Dichlorophenol
 Concen: 41.531 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.6	84.6
98	37.0	14.6	54.6

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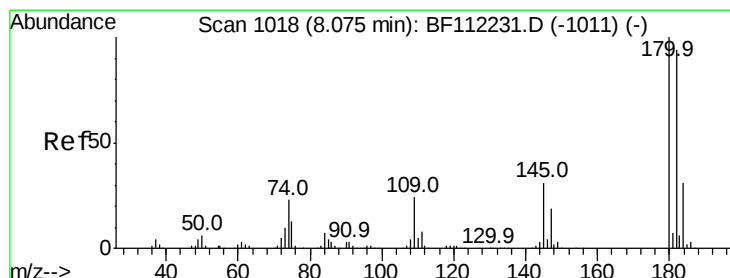
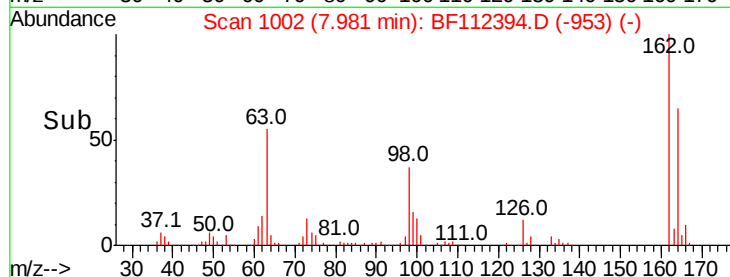
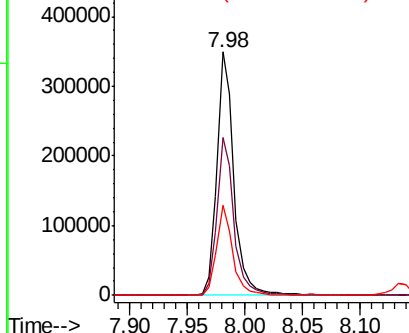


Abundance

Ion 162.00 (161.70 to 162.70): E

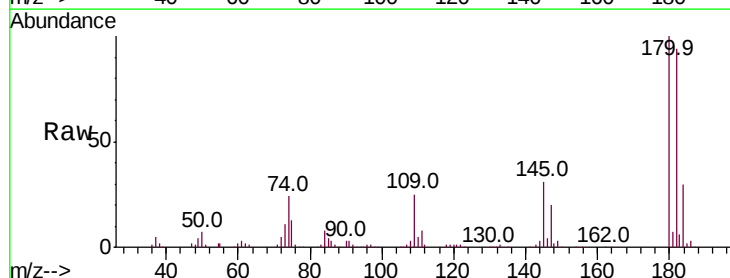
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.135 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	76.4	114.6
145	30.8	25.0	37.4

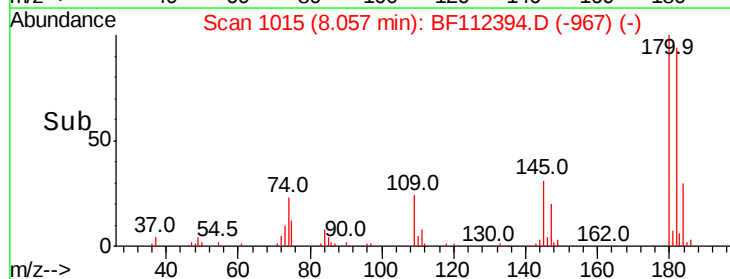
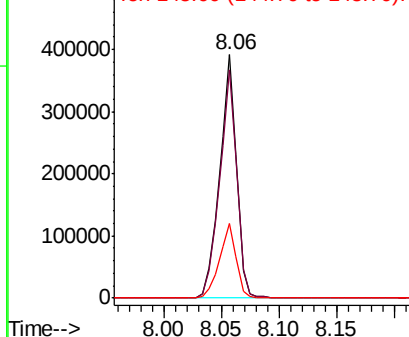


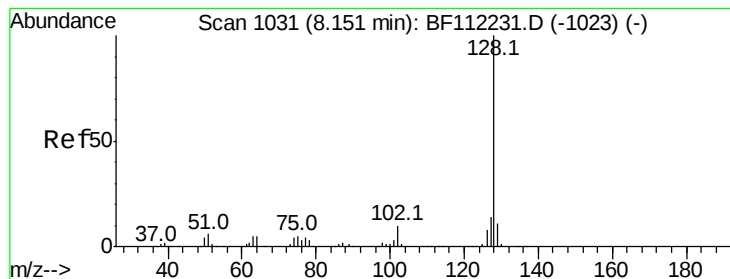
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.751 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

PB116831BS

Tot Ion:128 Resp: 1206973

Ion Ratio Lower Upper

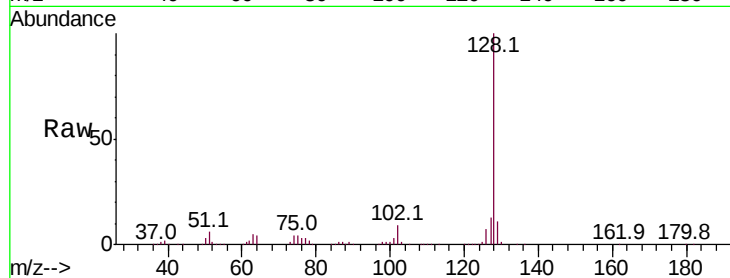
128 100

129 11.0 9.6 14.4

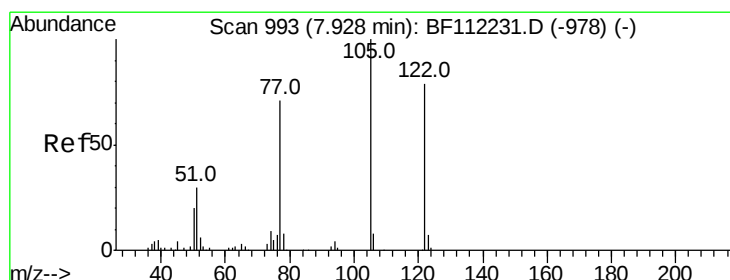
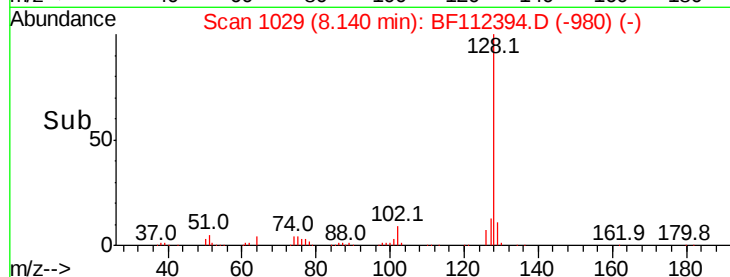
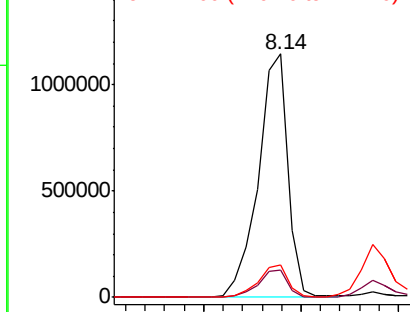
127 13.3 11.1 16.7

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



#32

Benzoic acid

Concen: 45.750 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

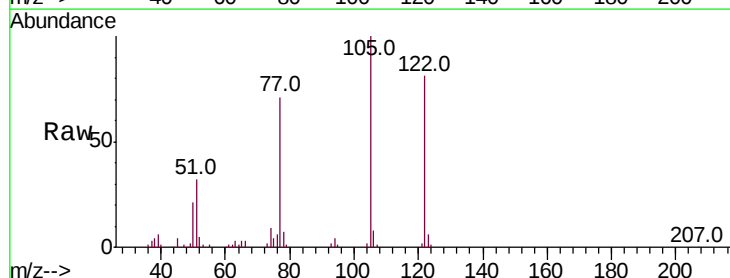
Tgt Ion:122 Resp: 201068

Ion Ratio Lower Upper

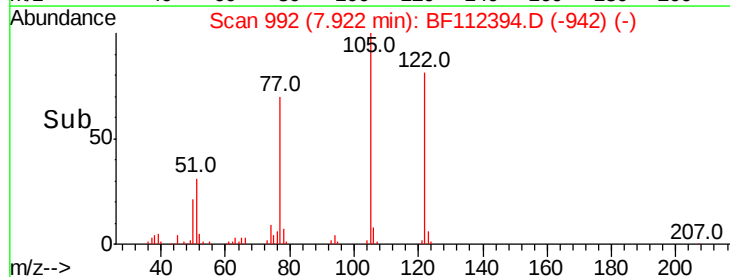
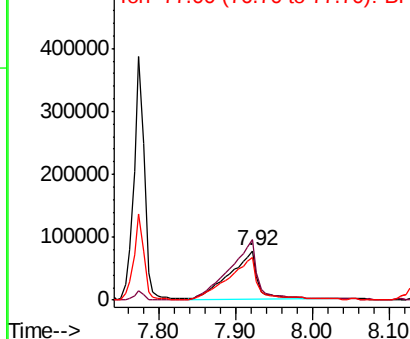
122 100

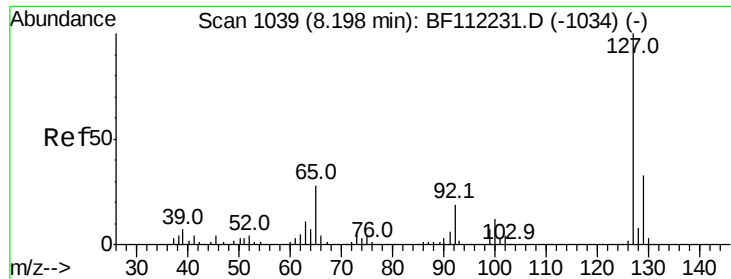
105 123.0 101.2 141.2

77 87.0 70.4 110.4



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





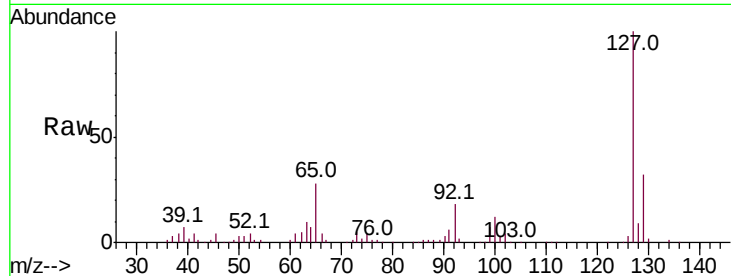
#33
4-Chloroaniline
Concen: 23.936 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.4	26.6	39.8
65	28.1	21.4	32.2
92	18.1	14.2	21.2

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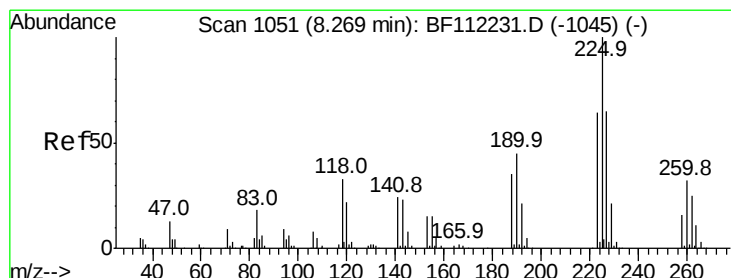
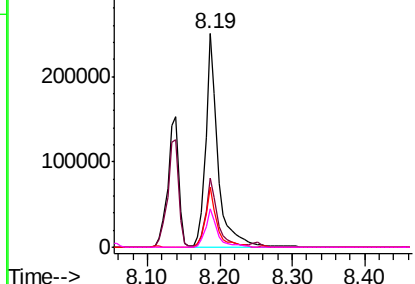
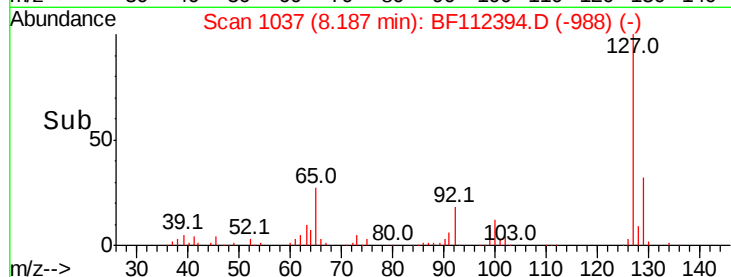
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

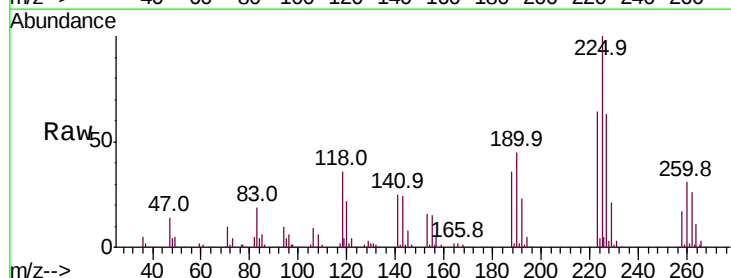
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.589 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.5	50.3	75.5
227	63.4	51.8	77.8

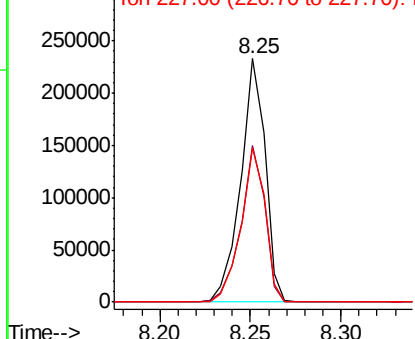
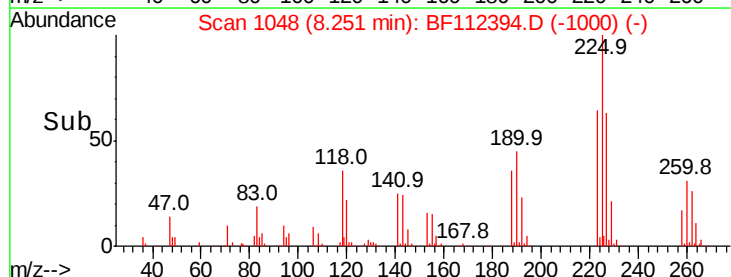


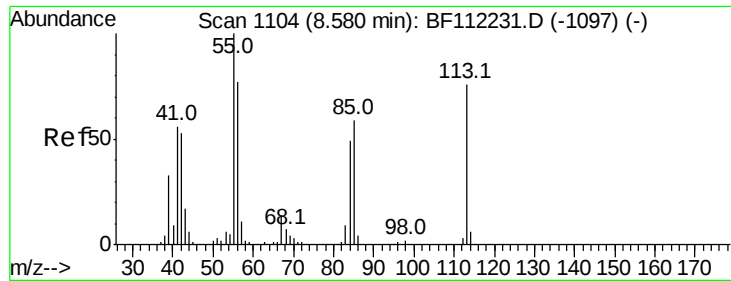
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





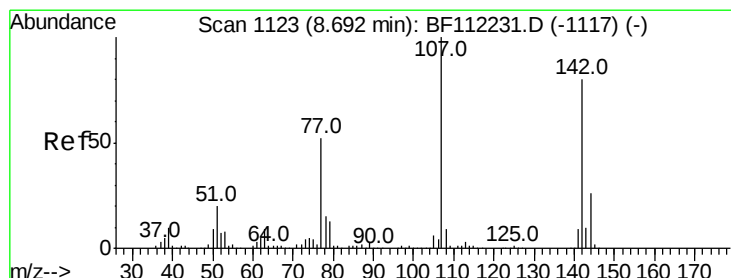
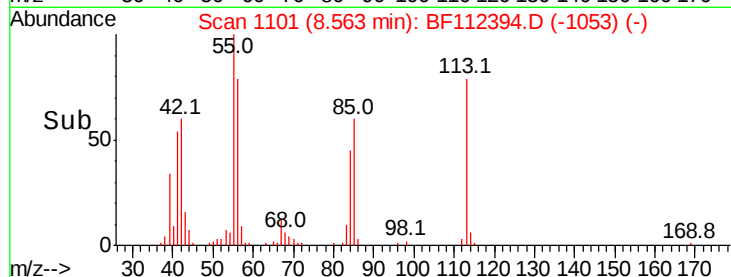
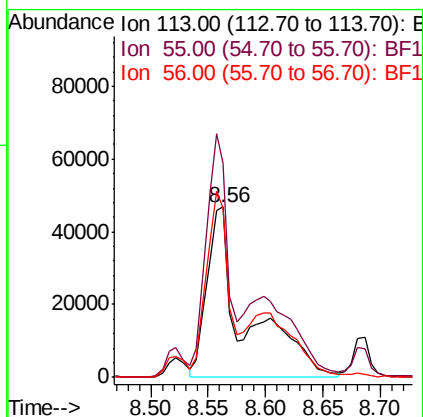
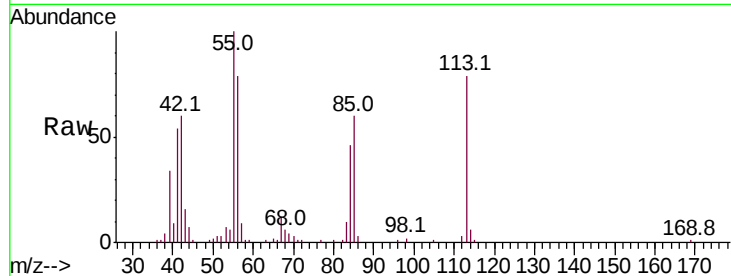
#35
Caprolactam
Concen: 36.265 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	126.1	121.6	161.6		
56	99.6	86.7	126.7		

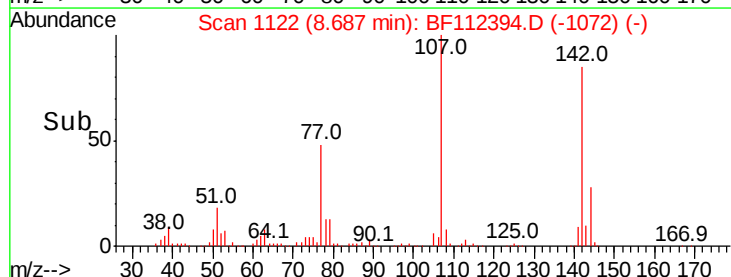
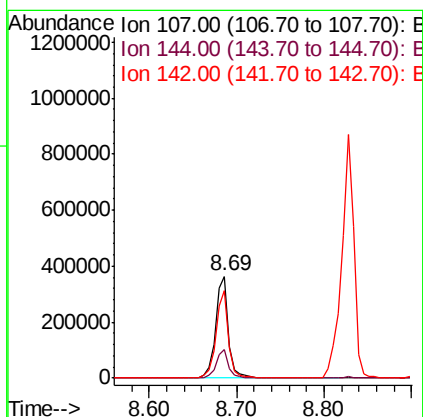
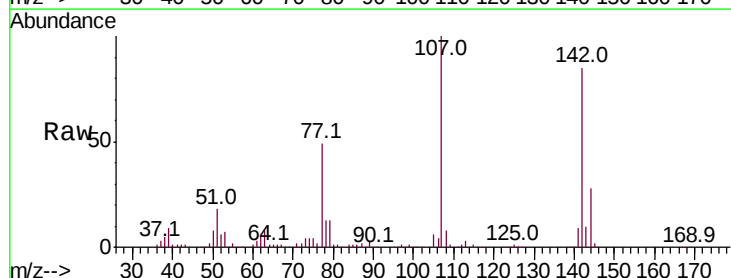
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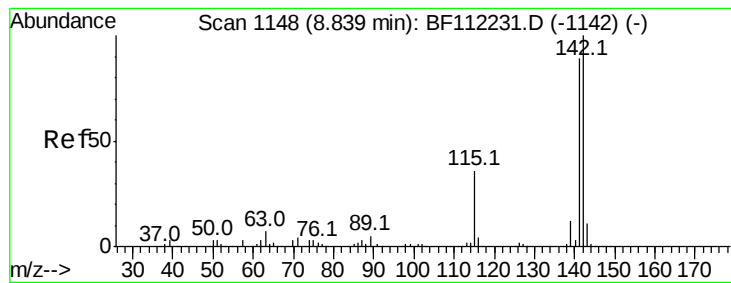
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#36
4-Chloro-3-methylphenol
Concen: 40.541 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.4	22.2	33.2		
142	85.4	67.7	101.5		





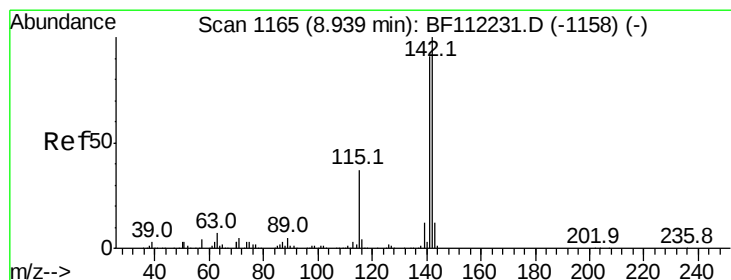
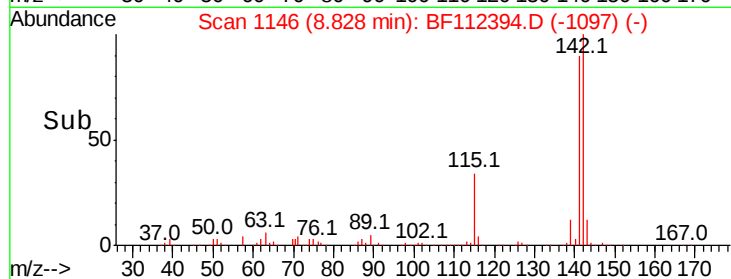
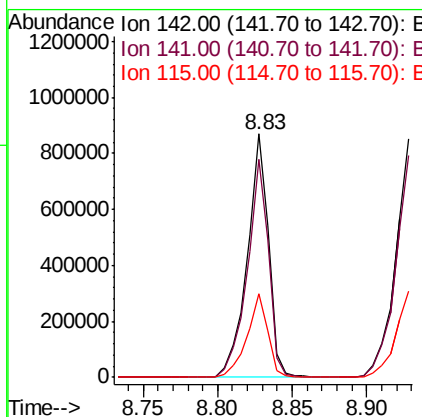
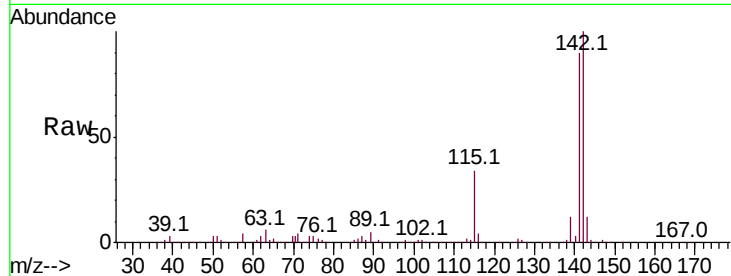
#37
2-Methylnaphthalene
Concen: 44.058 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3
115	34.5	24.9	37.3

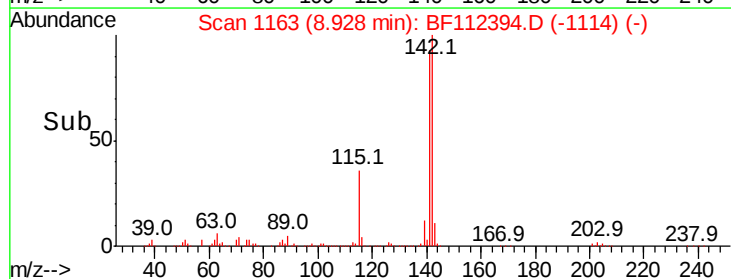
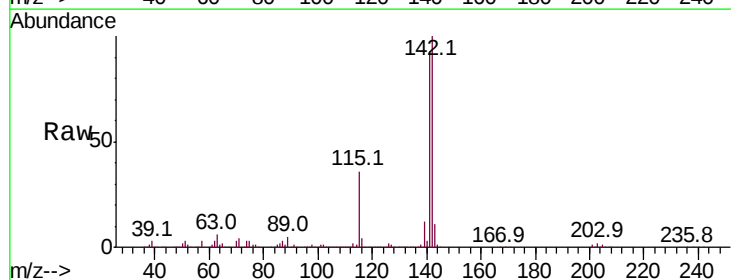
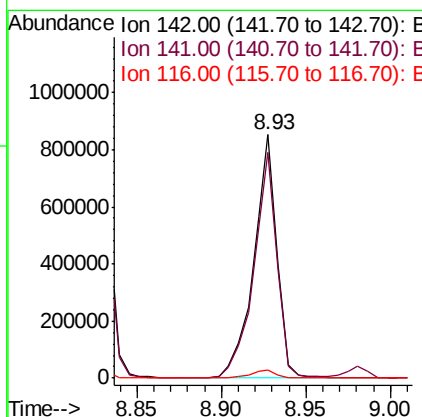
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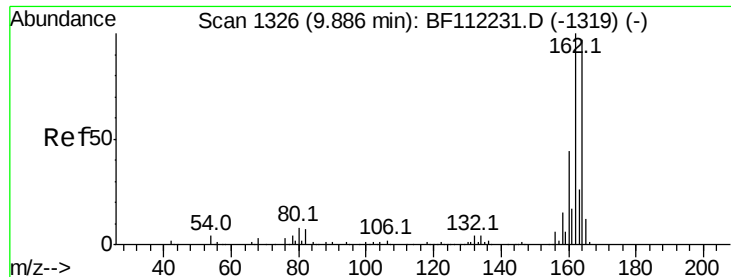
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#38
1-Methylnaphthalene
Concen: 43.631 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.6	108.8
116	3.6	2.8	4.2





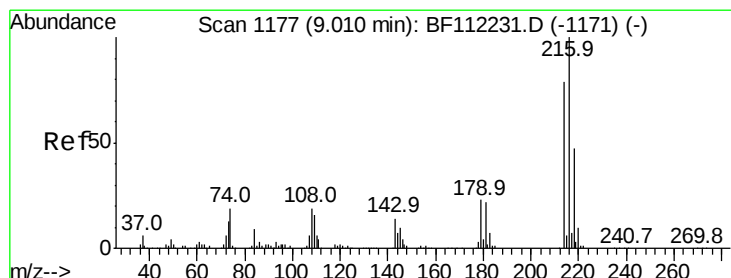
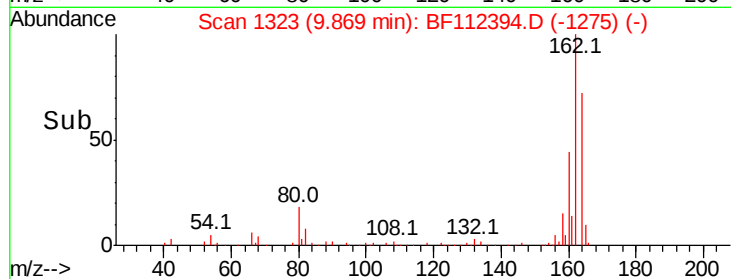
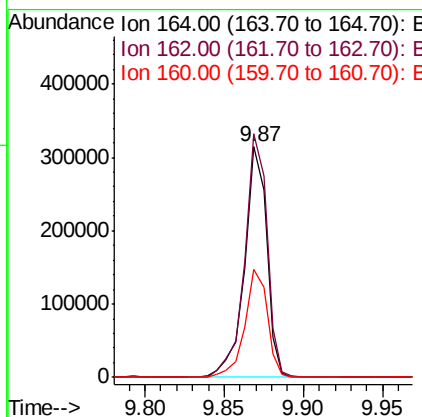
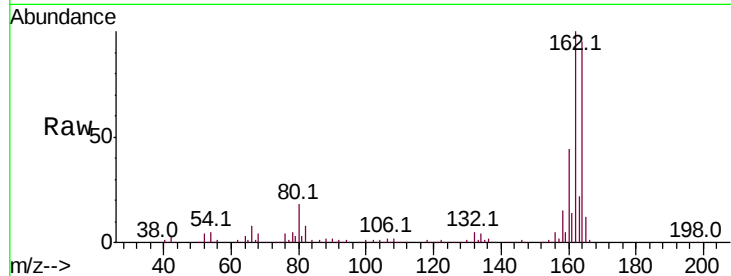
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.2	123.4
160	46.7	36.2	54.4

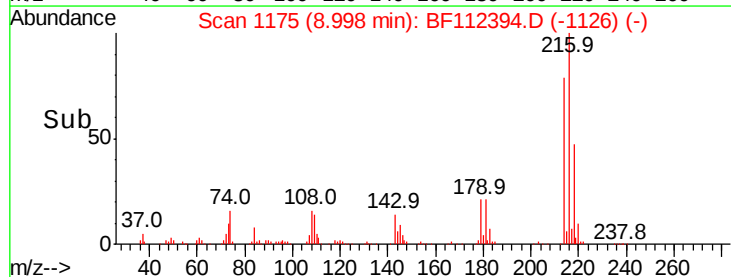
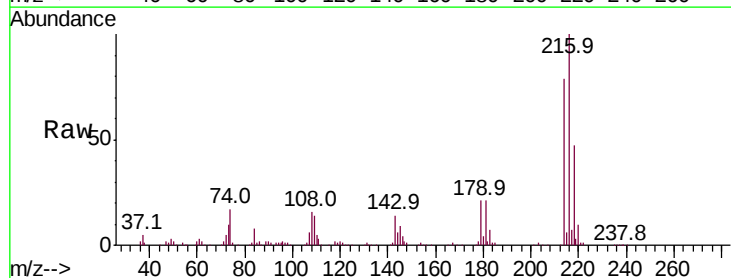
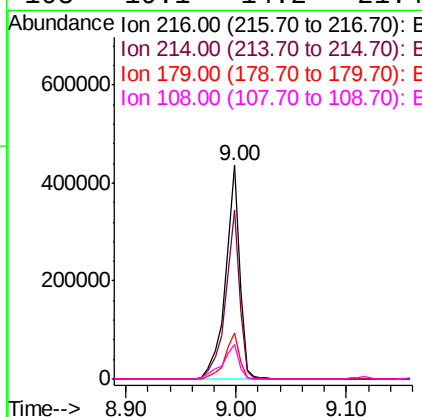
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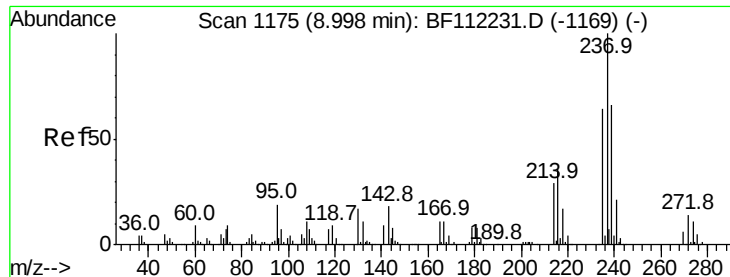
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.200 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.8	95.6
179	21.5	16.9	25.3
108	19.1	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 71.781 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

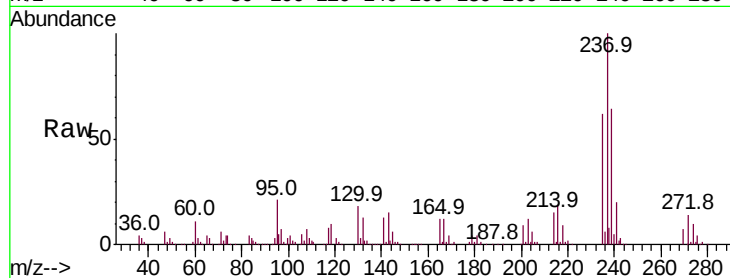
ClientSampleId :

PB116831BS

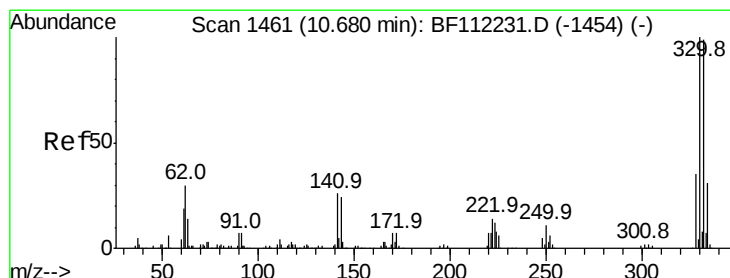
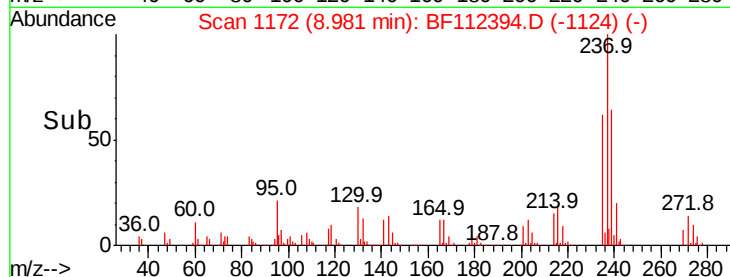
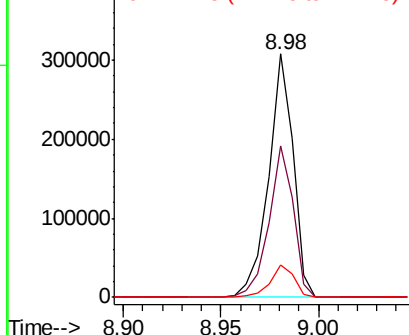
Tot Ion:	237	Resp:	268601
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.0	84.0
272	13.5	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 142.680 ng

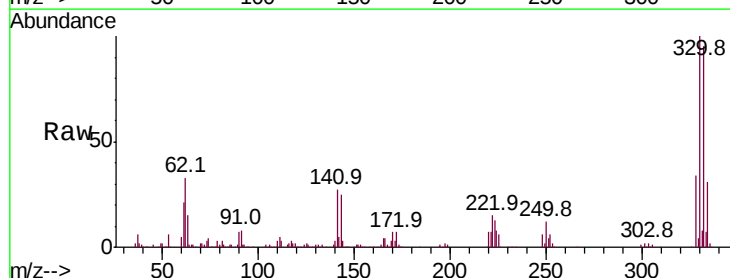
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

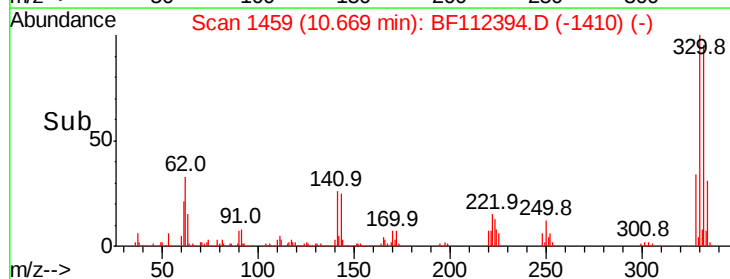
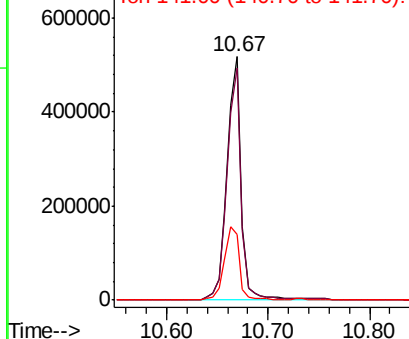
Lab File: BF112394.D

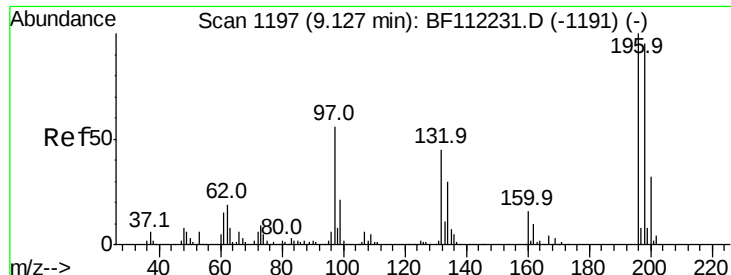
Acq: 5 Feb 2019 14:09

Tgt Ion:	330	Resp:	507243
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	114.8
141	31.9	24.3	36.5



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





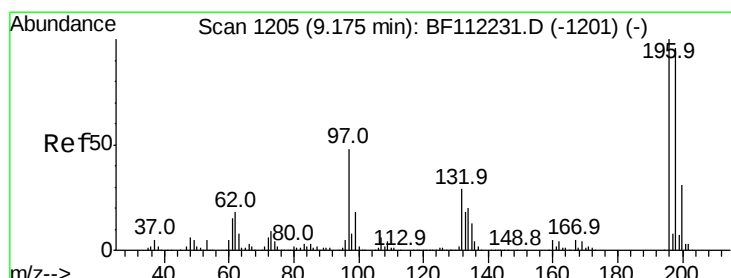
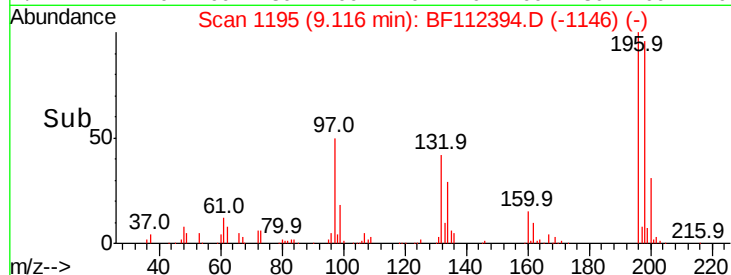
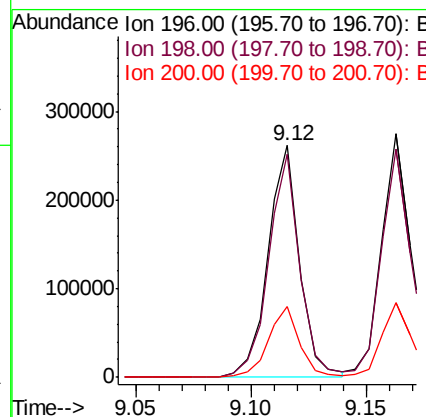
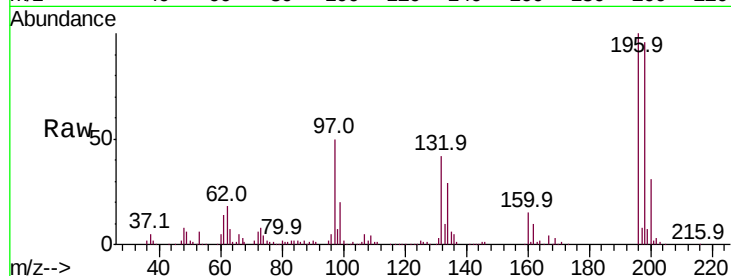
#43
 2,4,6-Trichlorophenol
 Concen: 40.217 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleID :
 PB116831BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	248601		
198	96.1	76.2	114.4	
200	30.8	24.3	36.5	

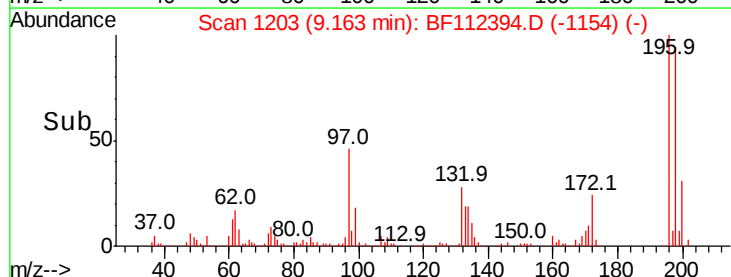
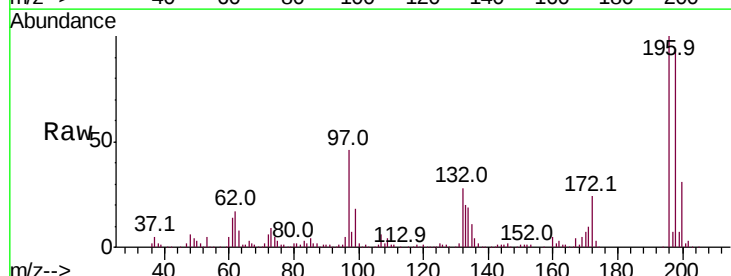
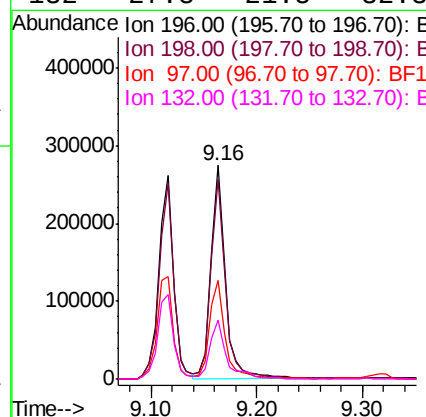
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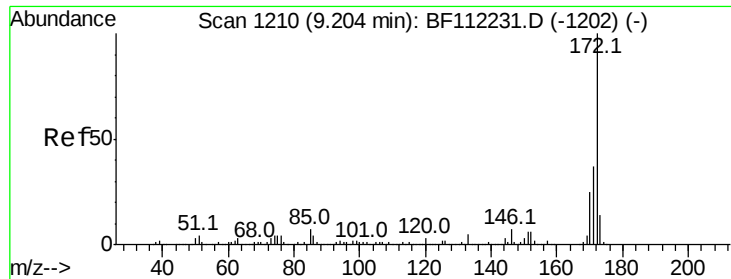
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.725 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263104		
198	93.7	76.0	114.0	
97	46.2	36.4	54.6	
132	27.8	21.5	32.3	





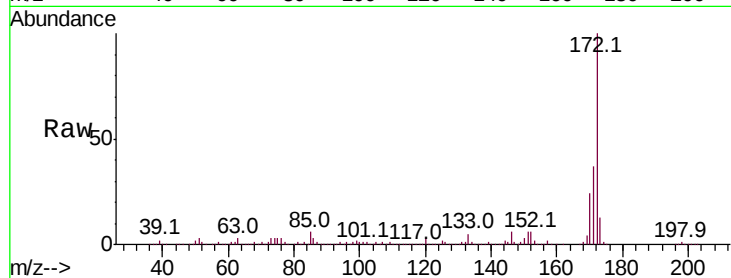
#45
2-Fluorobiphenyl
Concen: 77.383 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	23.9	20.2	30.4

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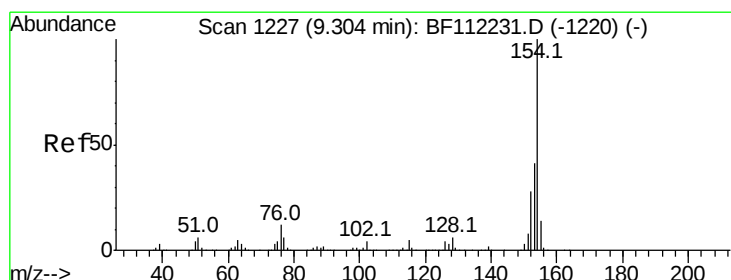
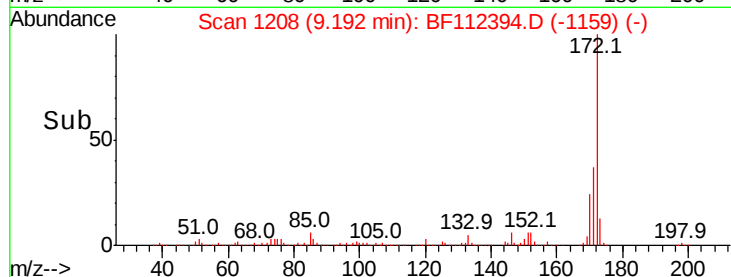
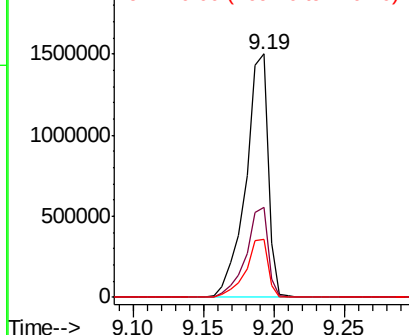


Abundance

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: 39.614 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

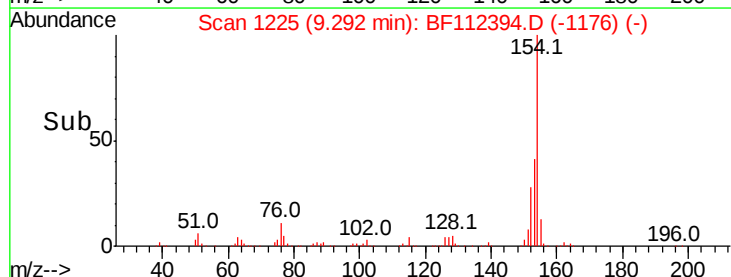
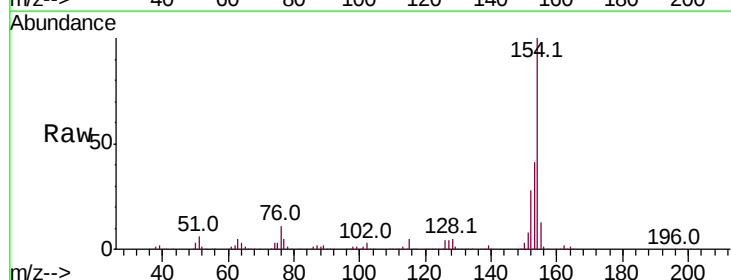
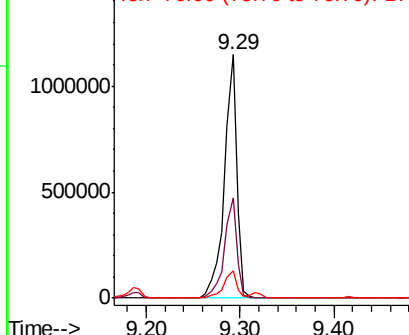
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	11.1	0.0	33.1

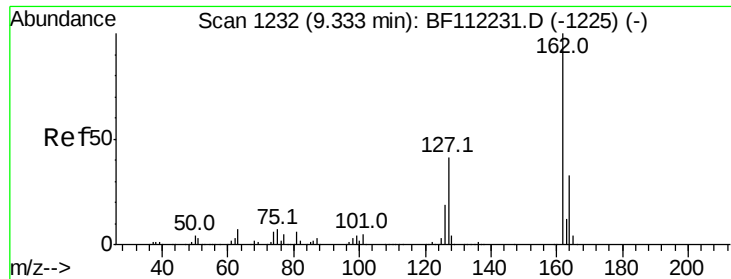
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





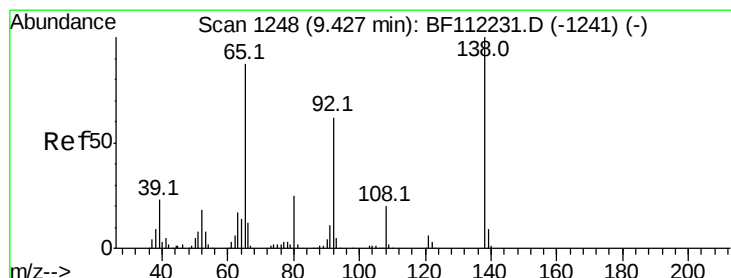
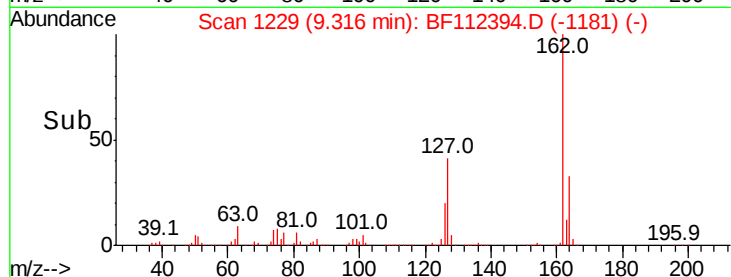
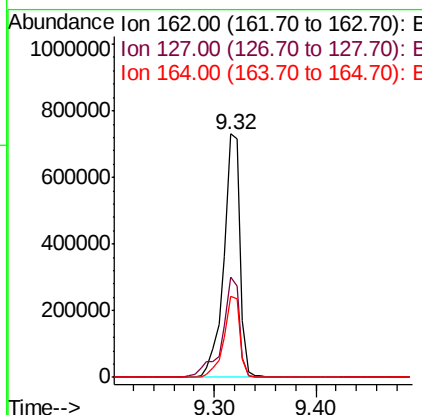
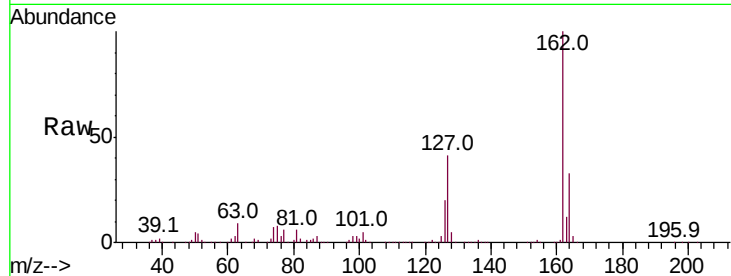
#47
 2-Chloronaphthalene
 Concen: 39.125 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BS

Tot Ion	162	Resp	810137
Ion Ratio	Lower	Upper	
162	100		
127	41.0	30.4	45.6
164	33.5	27.4	41.2

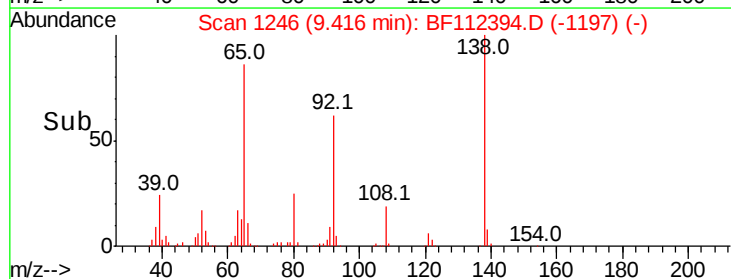
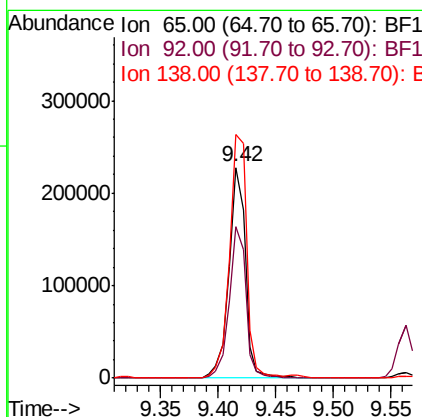
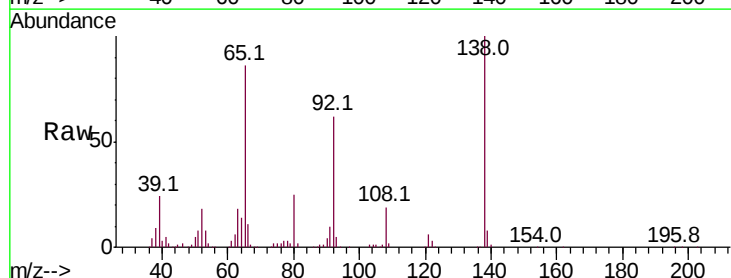
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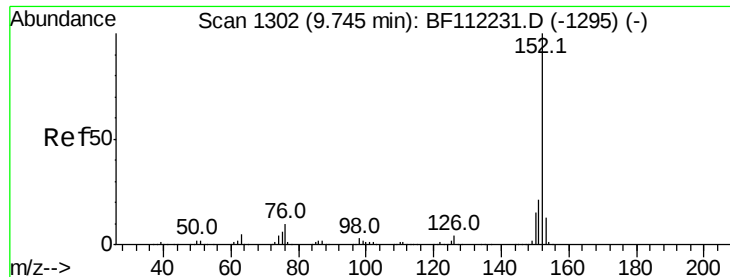
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#48
 2-Nitroaniline
 Concen: 40.148 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion	65	Resp	226584
Ion Ratio	Lower	Upper	
65	100		
92	72.0	60.4	90.6
138	115.7	104.4	156.6





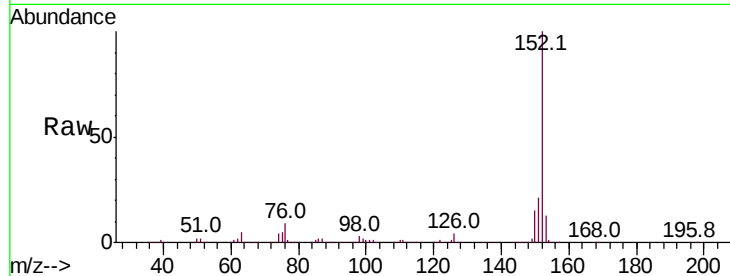
#49
Acenaphthylene
Concen: 42.546 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

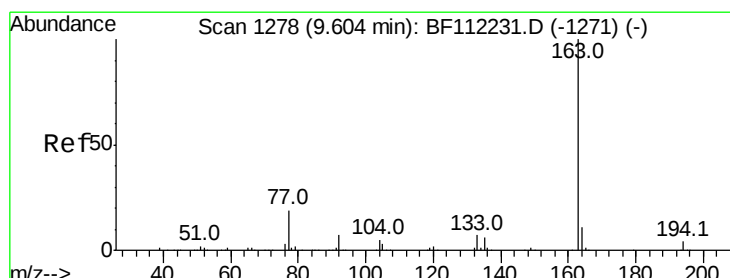
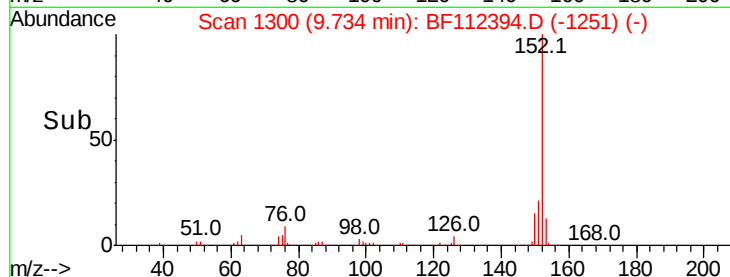
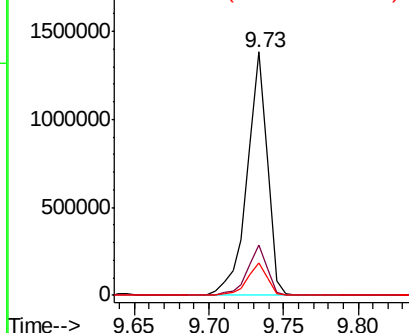
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	13.3	11.2	16.8

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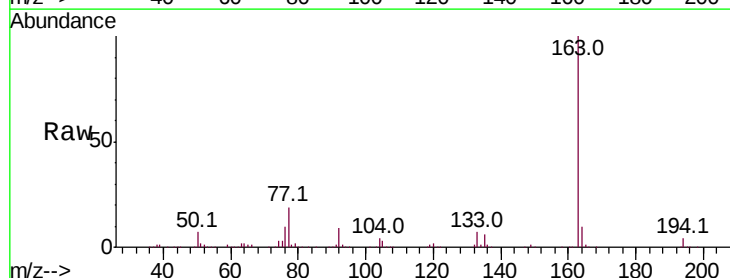


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

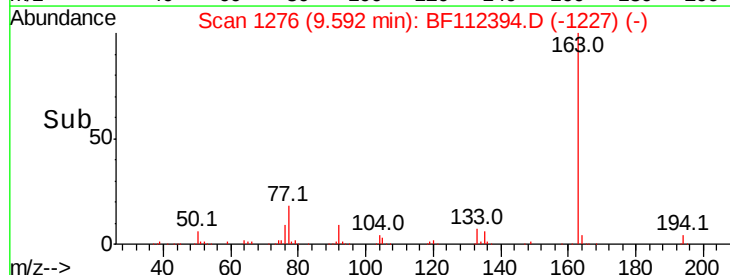
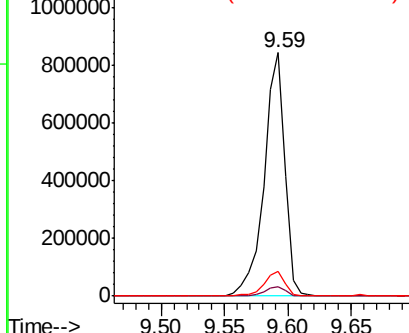


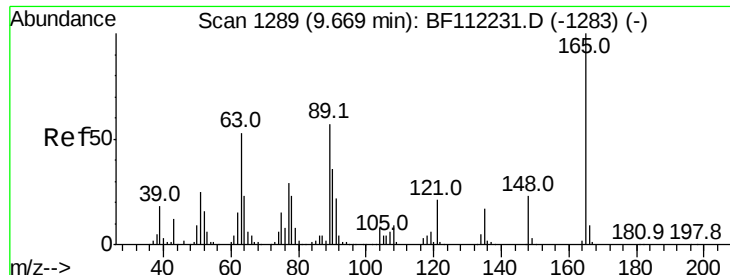
#50
Dimethylphthalate
Concen: 40.419 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	8.5	12.7



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: 40.973 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampled :

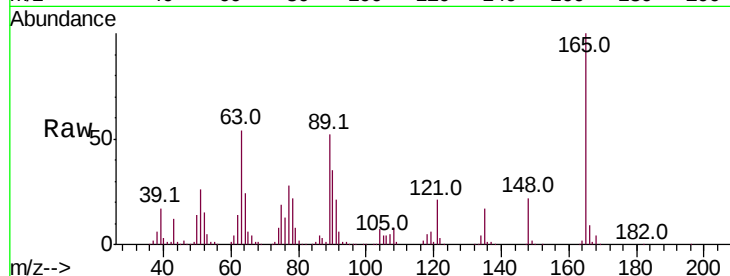
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Tot Ion:165 Resp: 217757
Ion Ratio Lower Upper

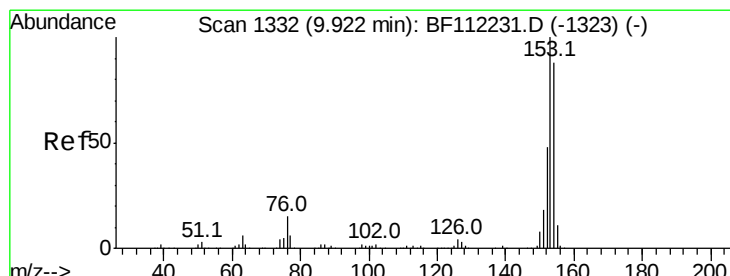
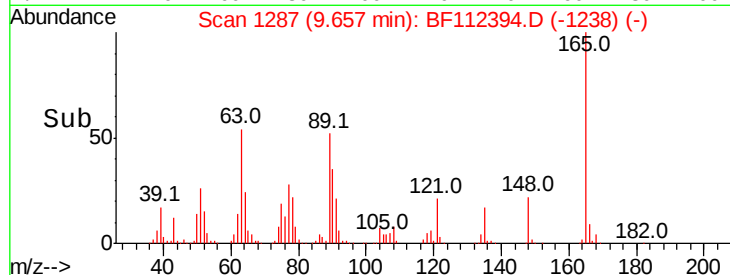
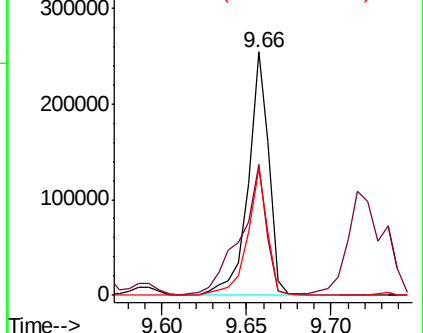
165	100		
63	54.0	33.8	50.8#
89	52.3	36.9	55.3

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



#52

Acenaphthene

Concen: 40.961 ng

RT: 9.90 min Scan# 1329

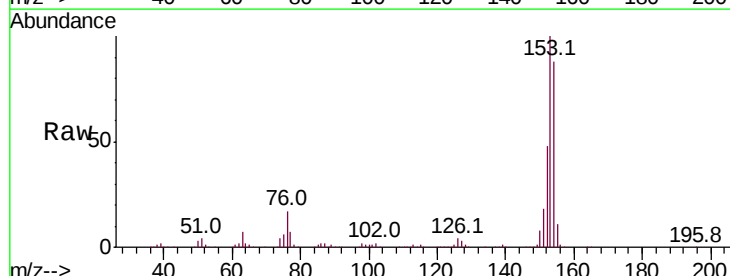
Delta R.T. -0.02 min

Lab File: BF112394.D

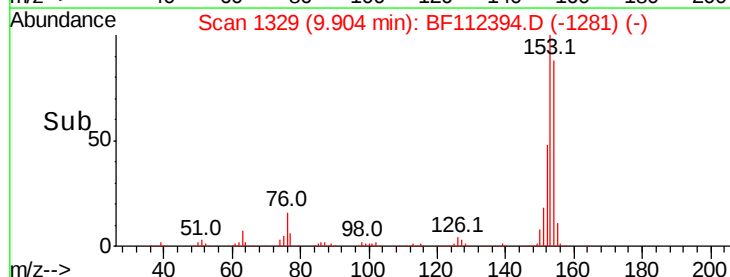
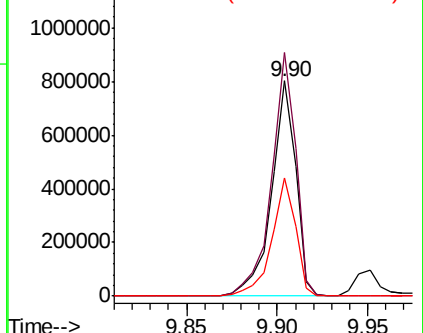
Acq: 5 Feb 2019 14:09

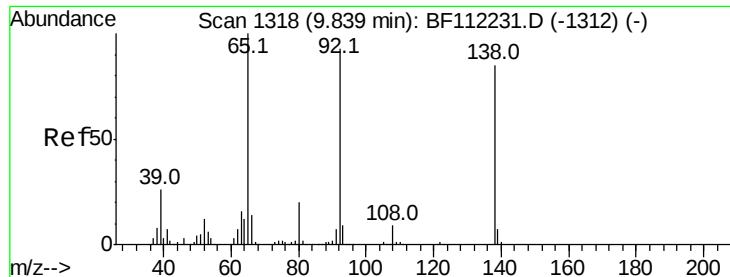
Tgt Ion:154 Resp: 742610
Ion Ratio Lower Upper

154	100		
153	113.2	89.8	134.6
152	54.8	43.5	65.3



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





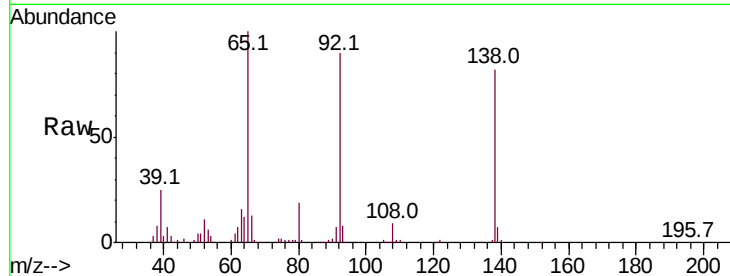
#53
3-Nitroaniline
Concen: 25.962 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.8	14.6
92	110.7	79.4	119.2

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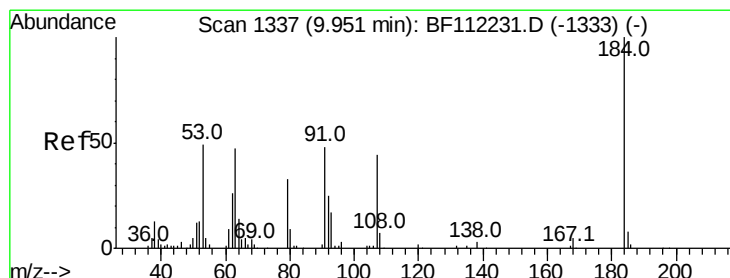
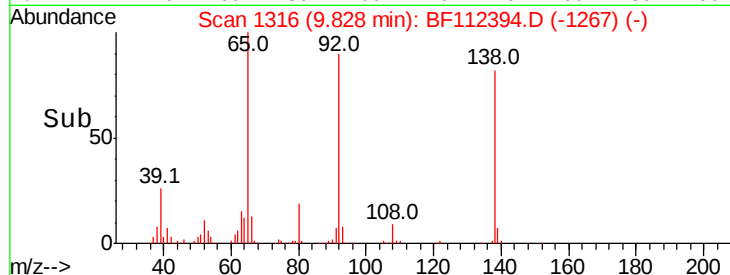
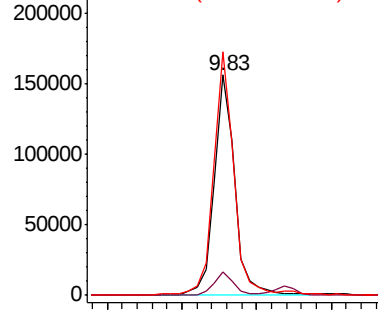


Abundance

Ion 138.00 (137.70 to 138.70): E

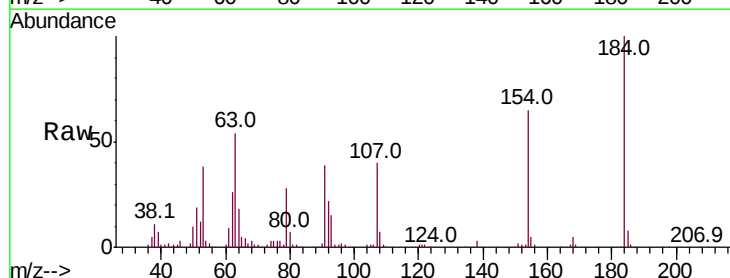
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 91.625 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.9	47.1	70.7
154	65.4	48.9	73.3

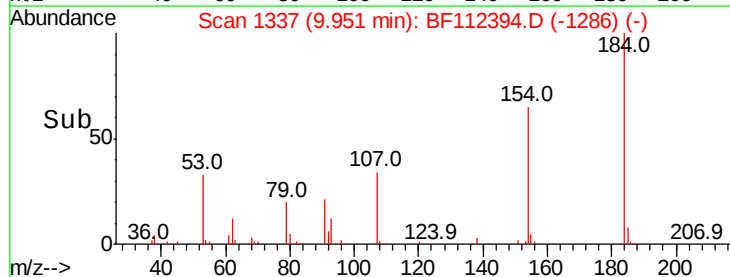
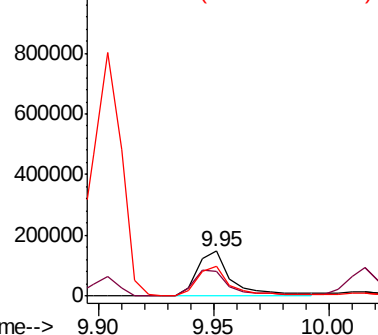


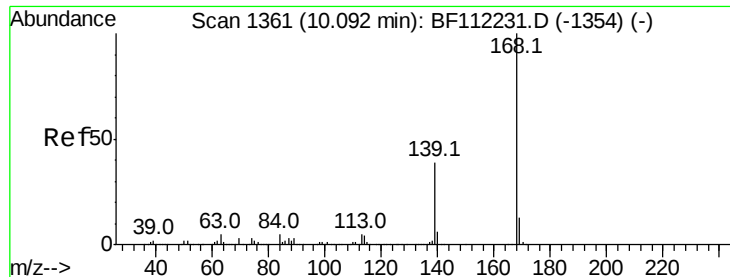
Abundance

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





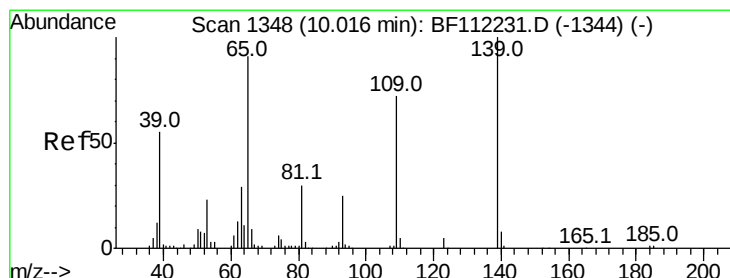
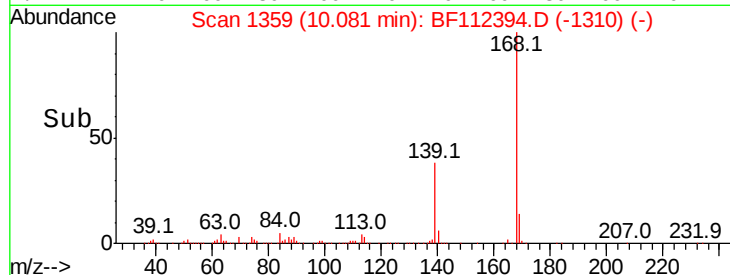
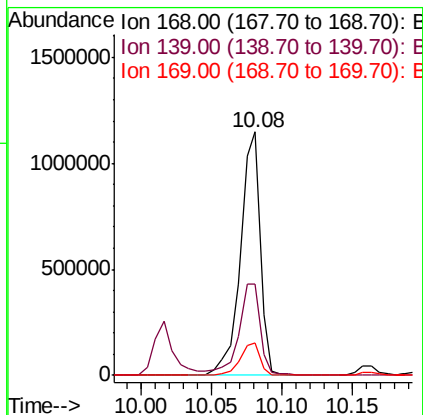
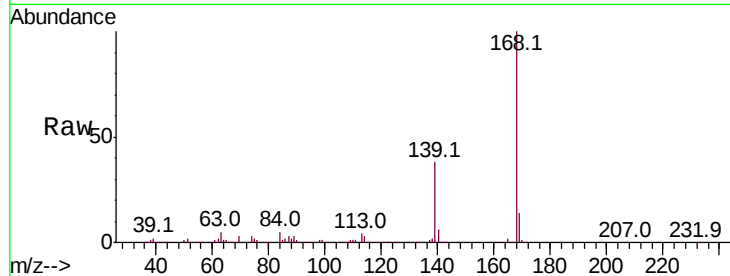
#55
Dibenzofuran
Concen: 40.637 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.2	43.8
169	13.5	11.4	17.0

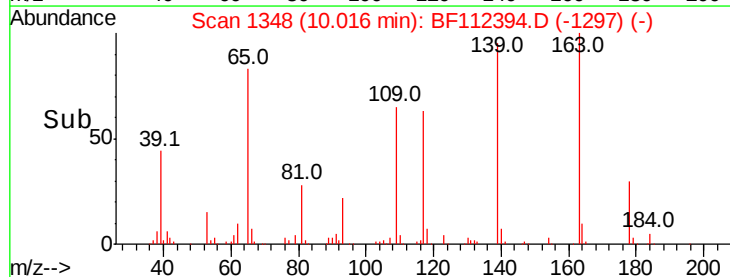
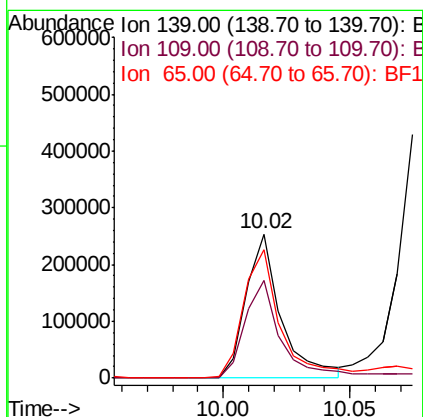
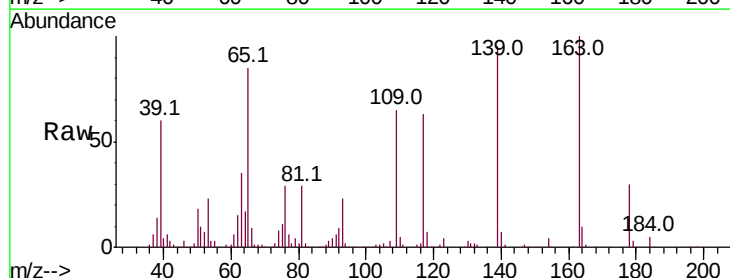
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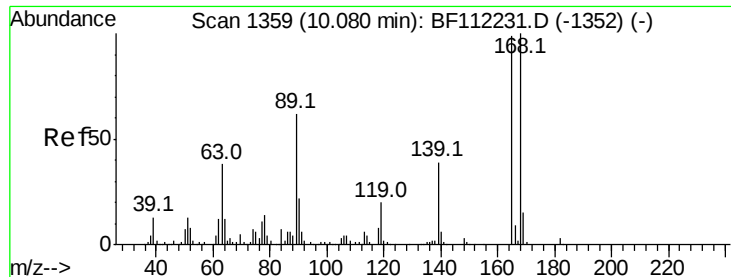
mohammad
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#56
4-Nitrophenol
Concen: 80.369 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	42.8	82.8
65	88.9	66.1	106.1





#57

2,4-Dinitrotoluene

Concen: 42.977 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

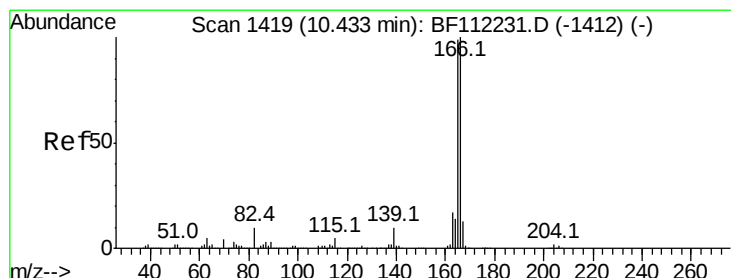
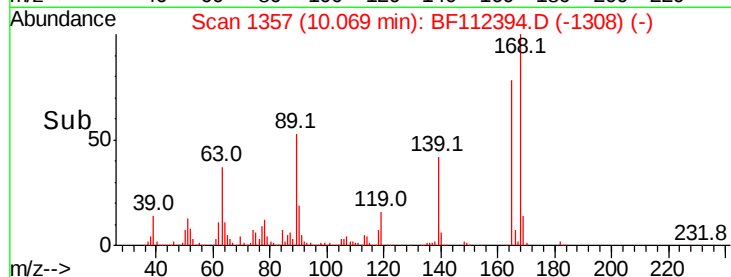
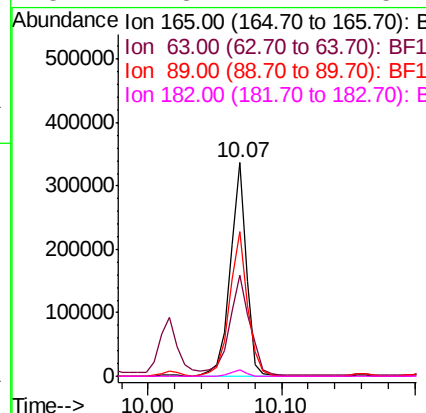
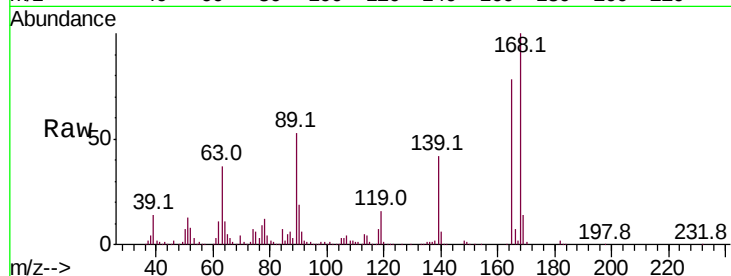
ClientSampled :

PB116831BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.4	27.9	41.9#	
89	67.8	47.9	71.9	
182	2.8	2.2	3.4	

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#58

Fluorene

Concen: 43.856 ng

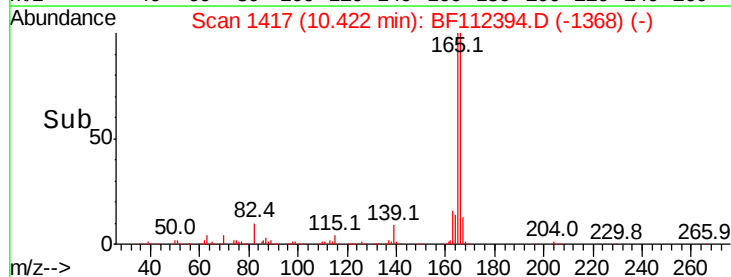
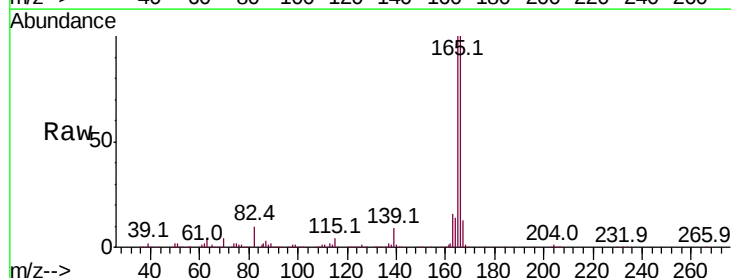
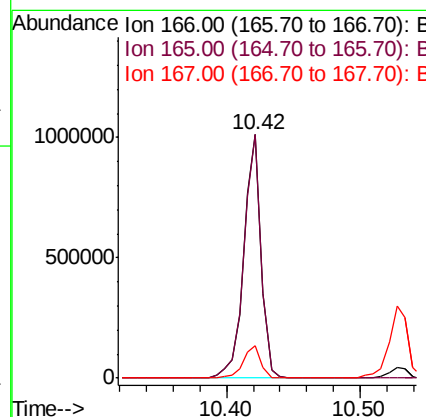
RT: 10.42 min Scan# 1417

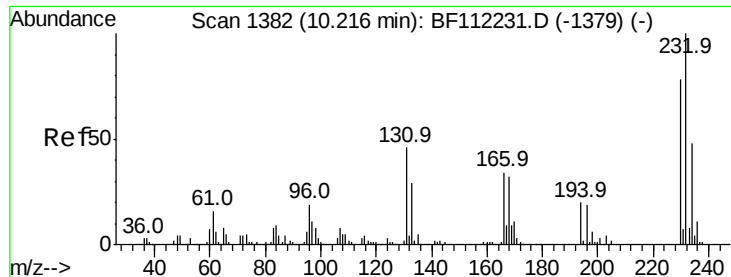
Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	77.1	115.7	
167	13.4	11.3	16.9	





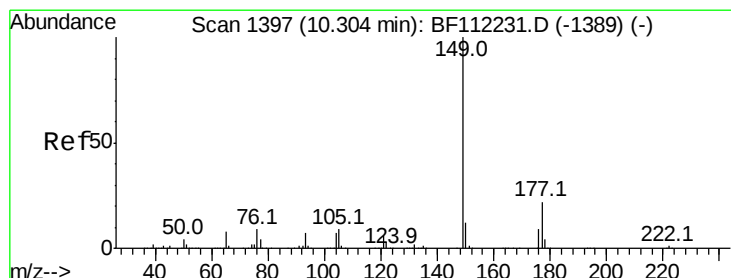
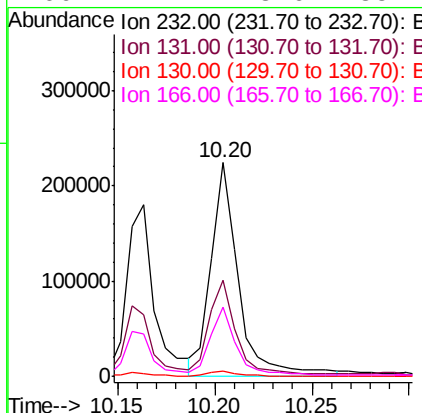
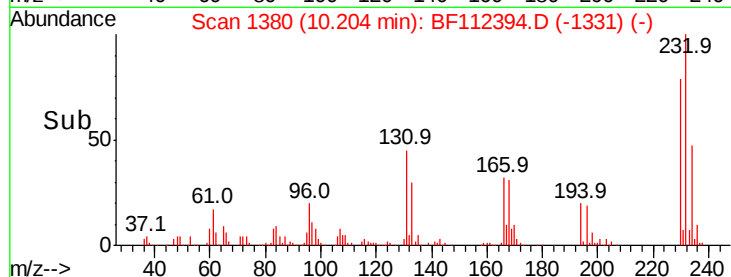
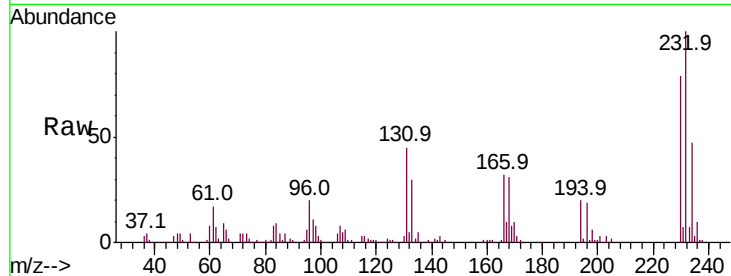
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.400 ng/ml
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	33.9	33.9	50.9#
130	1.8	1.8	2.6
166	22.1	23.6	35.4#

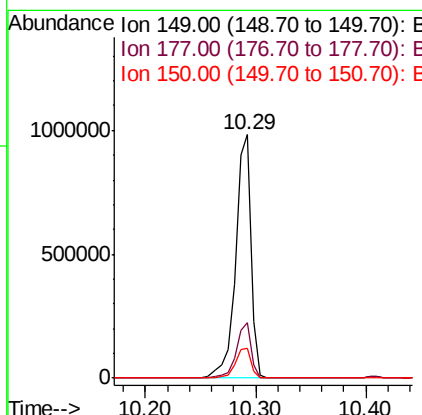
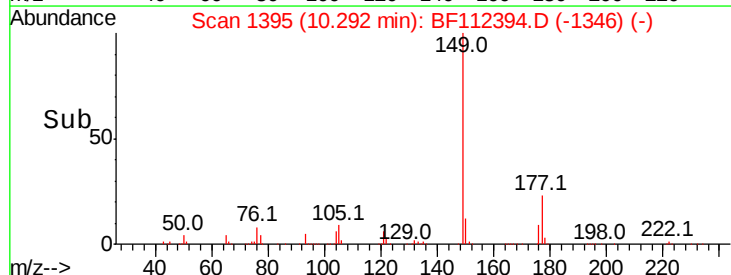
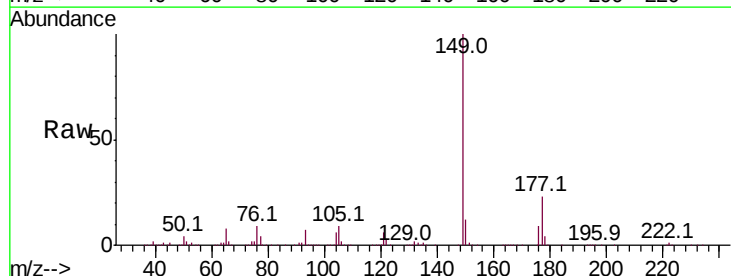
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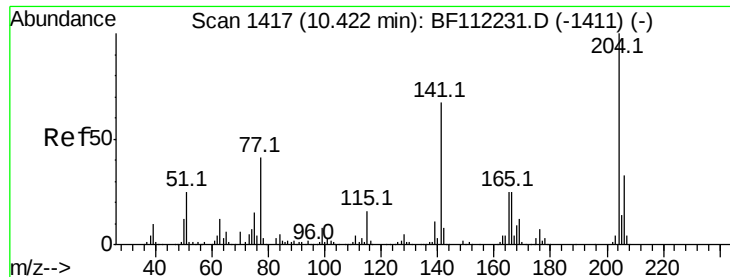
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#60
Diethylphthalate
Concen: 40.732 ng/ml
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.4	10.4	15.6





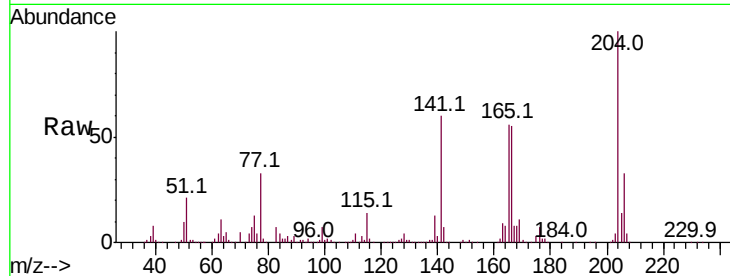
#61
4-Chlorophenyl-phenylether
Concen: 38.623 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	59.5	45.9	68.9

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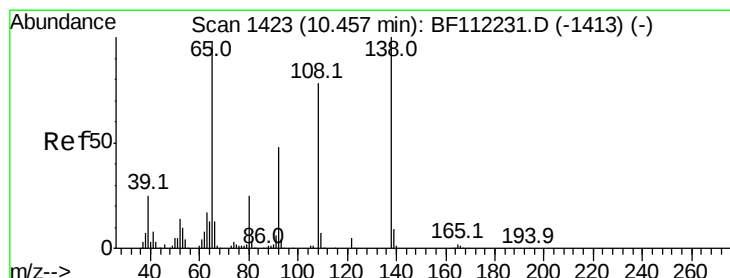
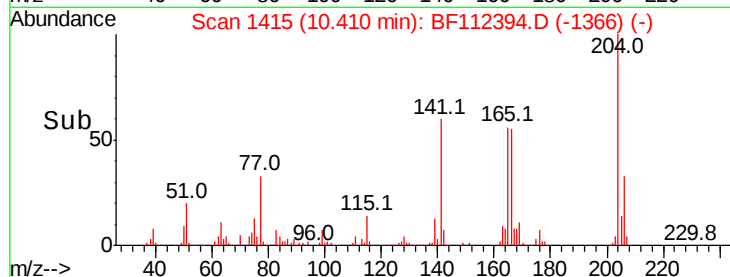
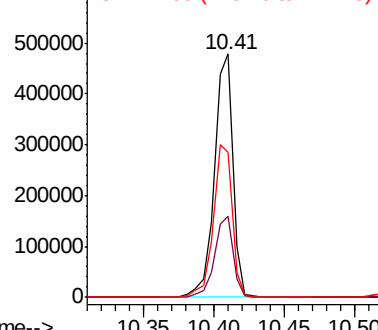


Abundance

Ion 204.00 (203.70 to 204.70): E

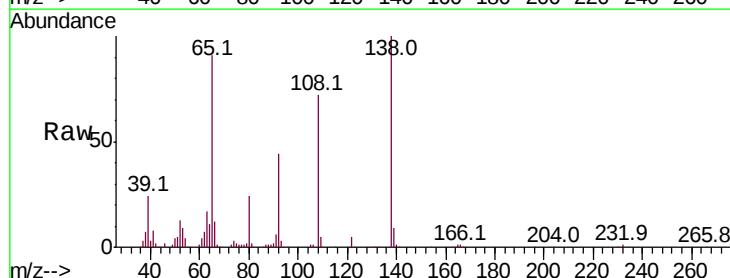
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.383 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.5	30.6	70.6
108	71.6	50.0	90.0

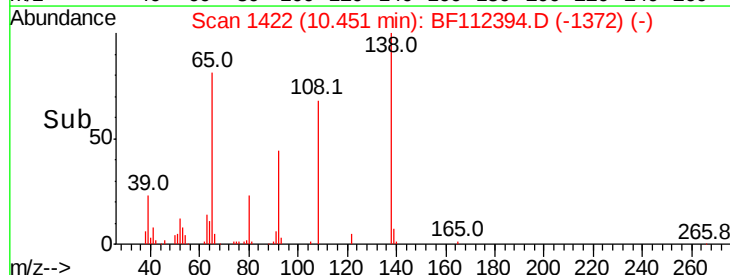
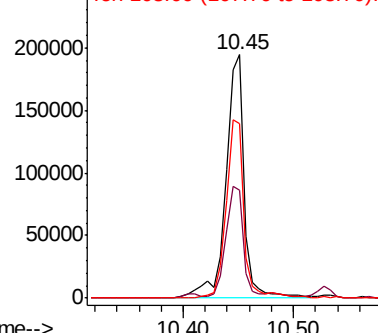


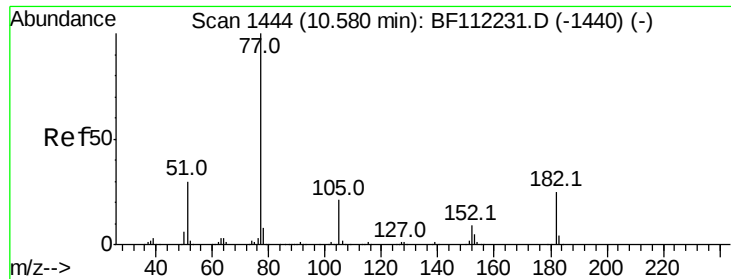
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





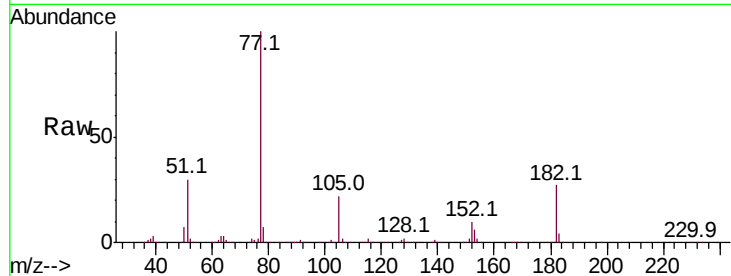
#63
Azobenzene
Concen: 40.105 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

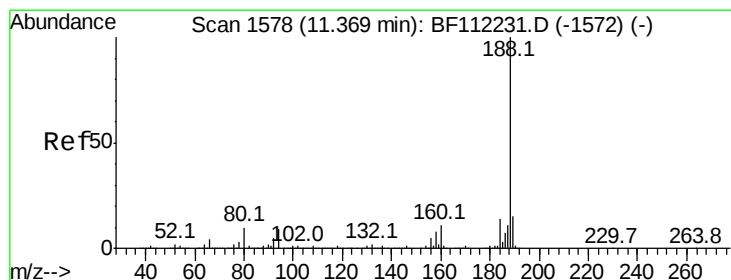
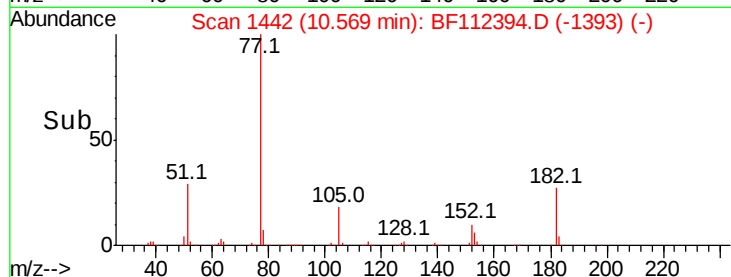
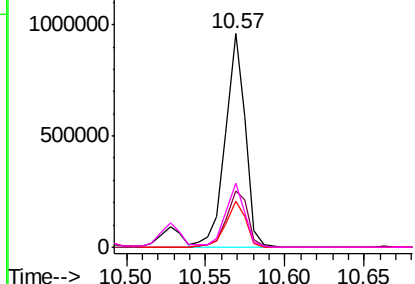
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.6	5.7	45.7	
105	21.9	1.4	41.4	
51	29.9	9.5	49.5	

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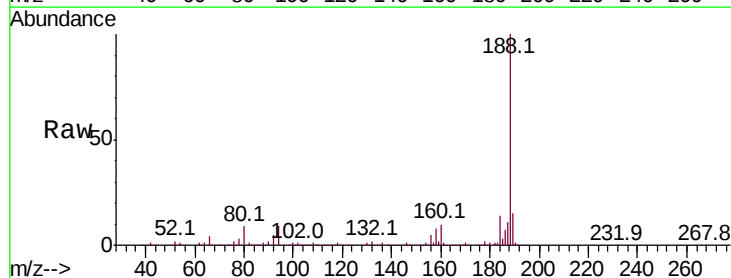


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

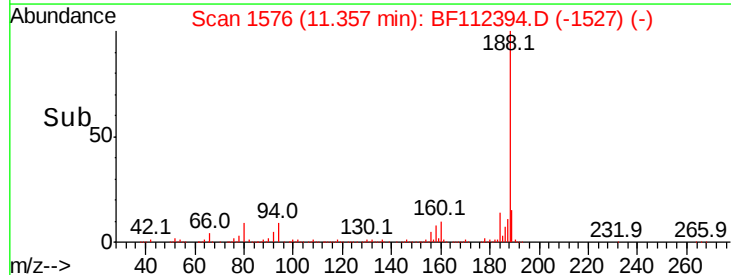
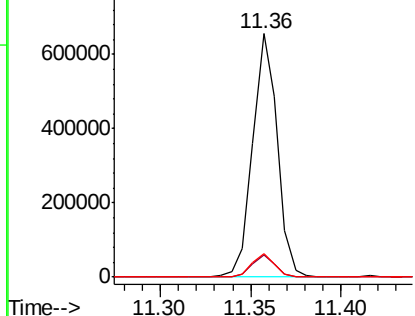


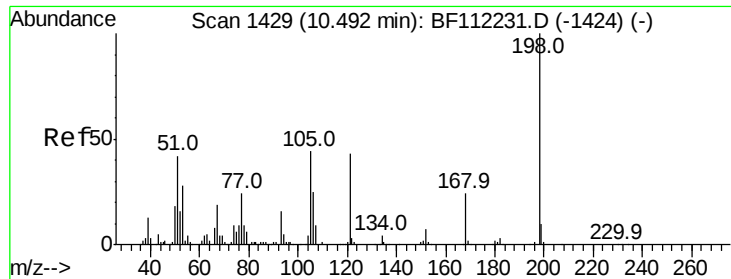
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.2	12.2	
80	9.5	8.9	13.3	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 35.662 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

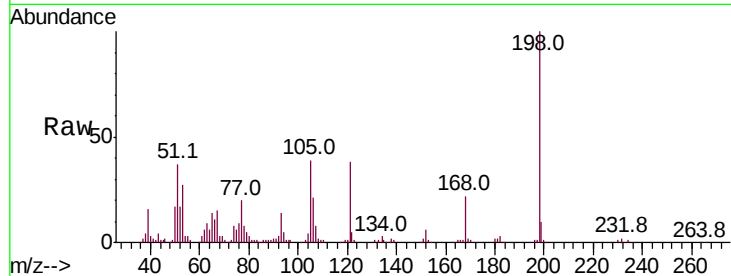
ClientSampleId :

PB116831BS

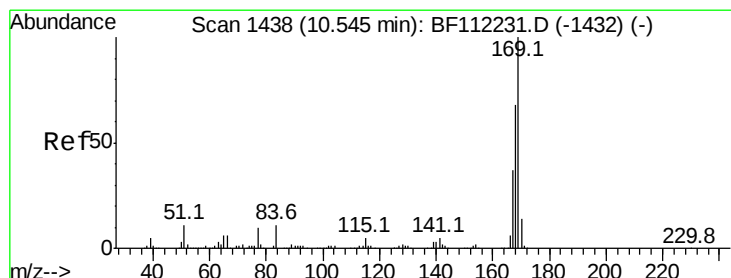
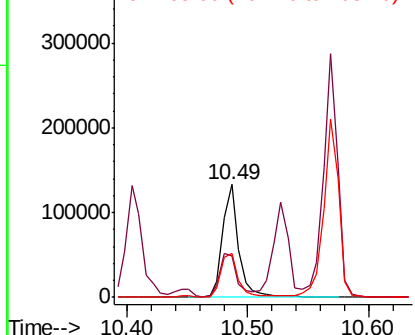
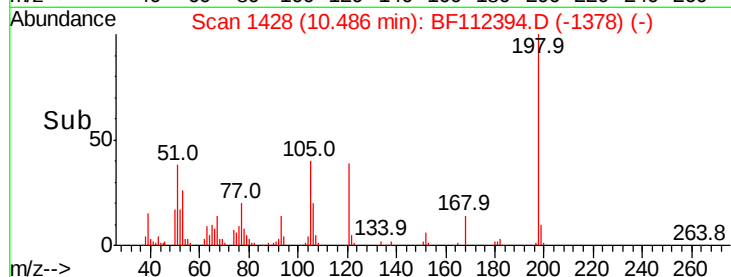
Tot Ion:	198	Resp:	123917
Ion Ratio	Lower	Upper	
198	100		
51	37.2	17.2	57.2
105	39.1	21.9	61.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.688 ng

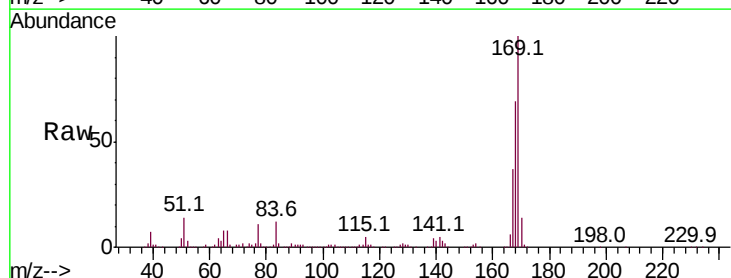
RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

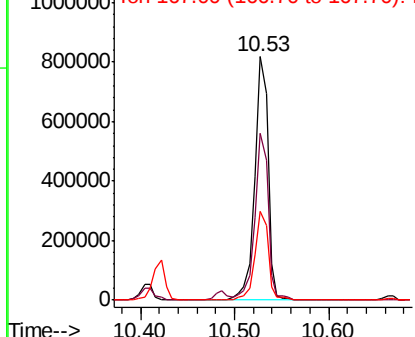
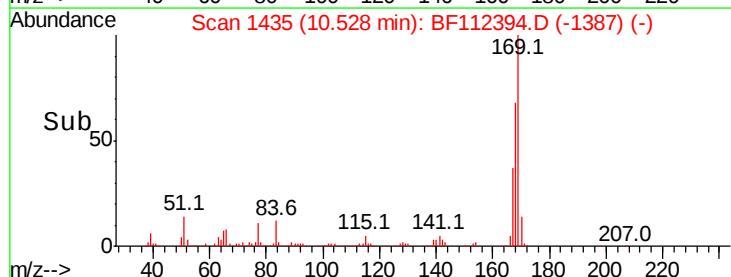
Lab File: BF112394.D

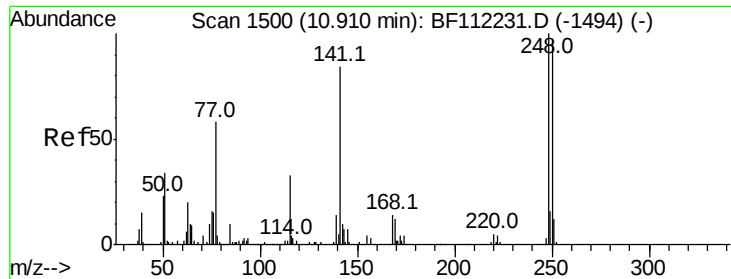
Acq: 5 Feb 2019 14:09

Tgt Ion:	169	Resp:	808107
Ion Ratio	Lower	Upper	
169	100		
168	68.6	53.9	80.9
167	36.6	28.9	43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





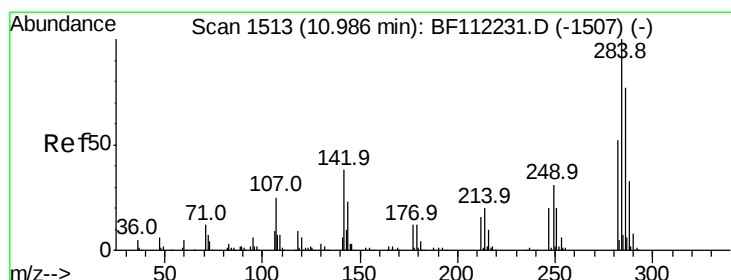
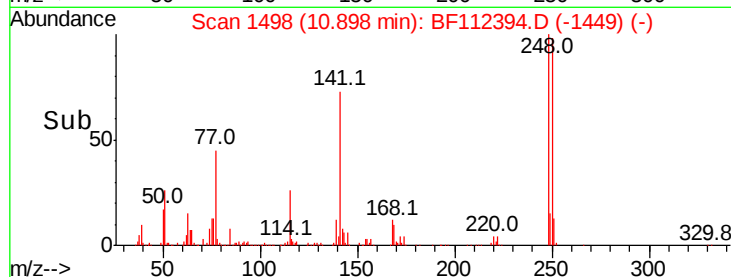
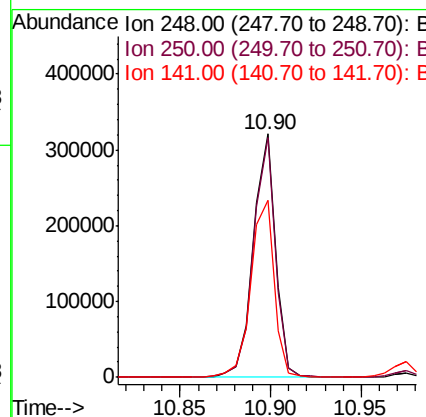
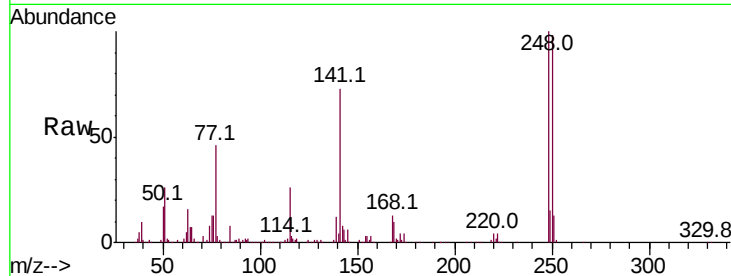
#67
4-Bromophenyl-phenylether
Concen: 37.744 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.7	119.5
141	72.5	60.3	90.5

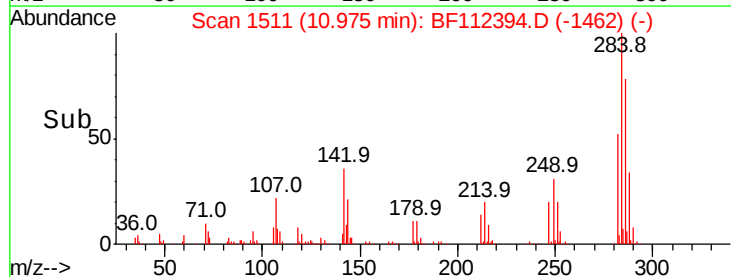
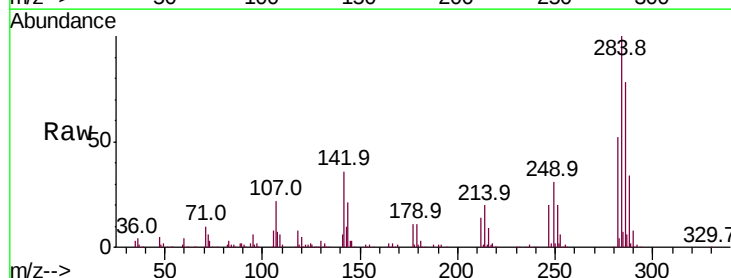
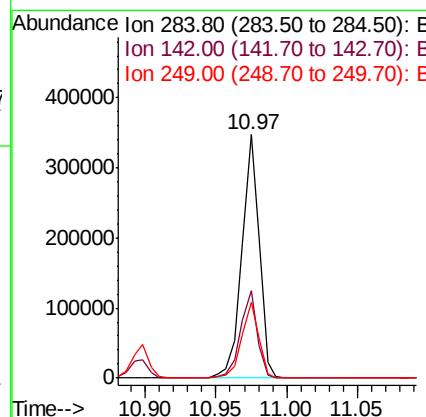
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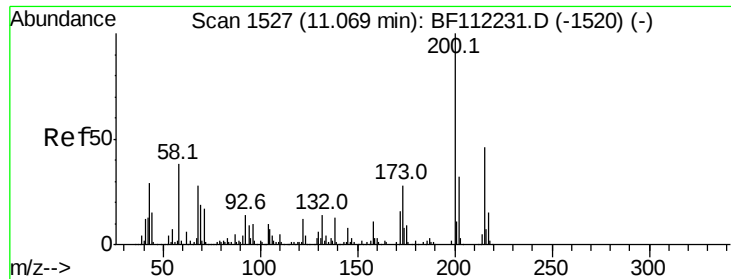
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#68
Hexachlorobenzene
Concen: 38.034 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	27.6	41.4
249	31.2	24.1	36.1





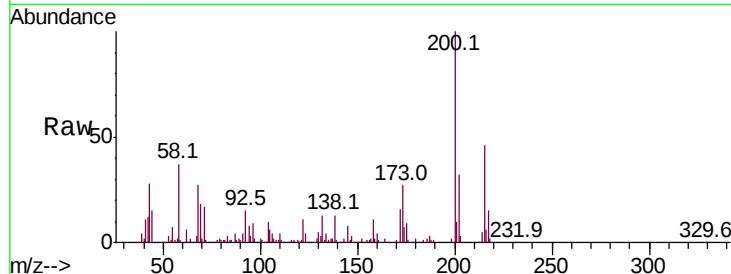
#69
Atrazine
Concen: 39.590 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	266825		
173	27.0		7.1	47.1
215	46.0		30.4	70.4

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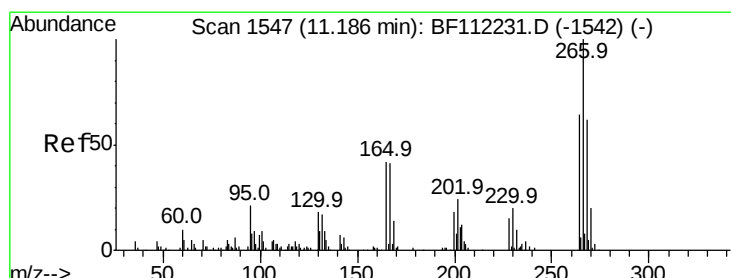
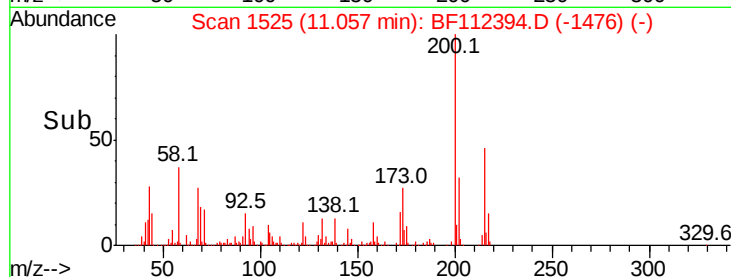
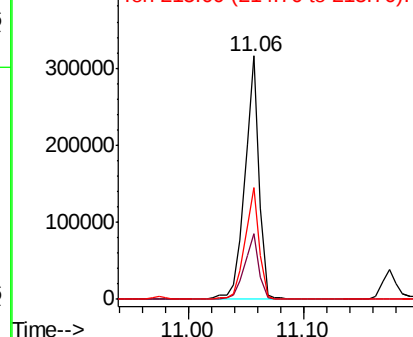


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.347 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

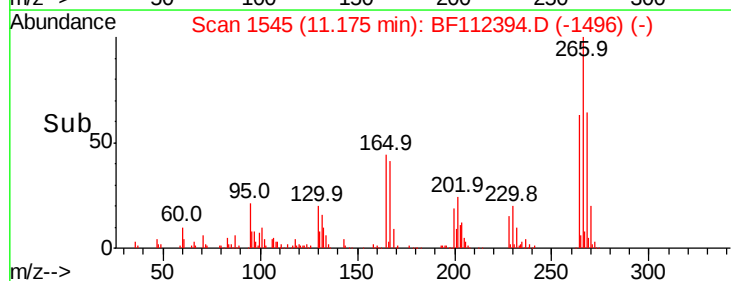
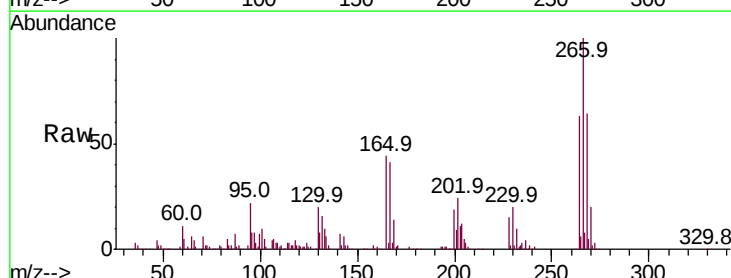
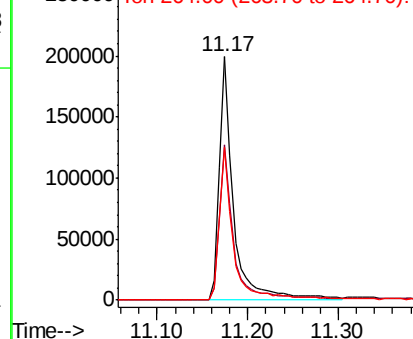
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	220152		
268	64.0		51.2	76.8
264	62.6		50.9	76.3

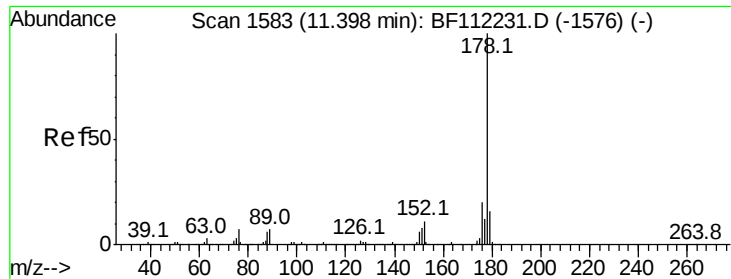
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





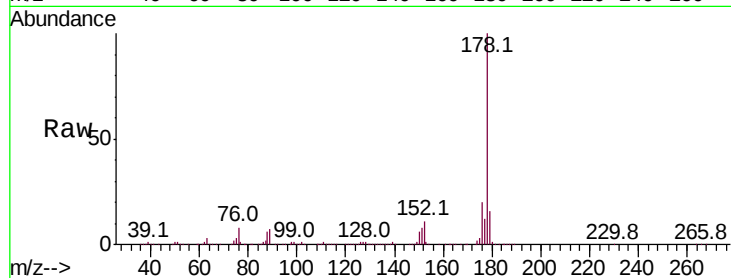
#71
Phenanthrene
Concen: 41.623 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

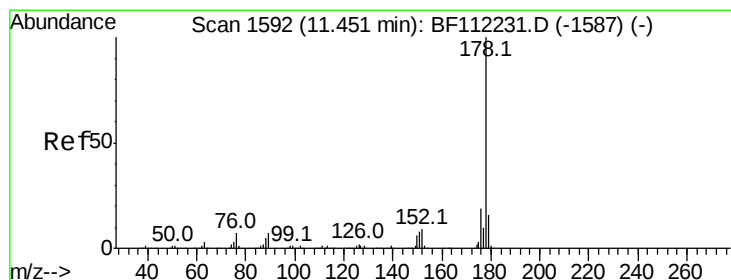
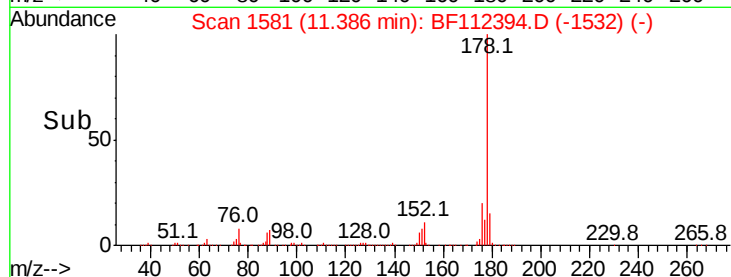
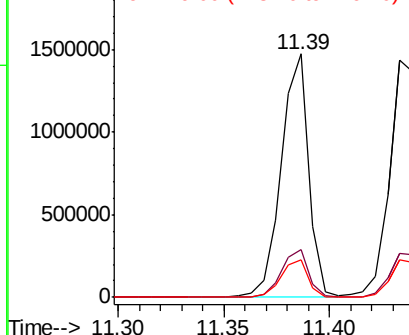
Tot Ion:178 Resp: 1341109
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.5 13.0 19.4

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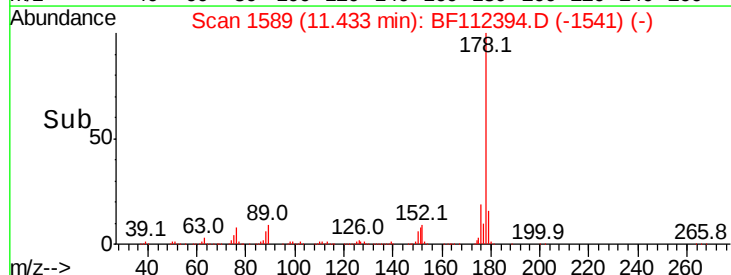
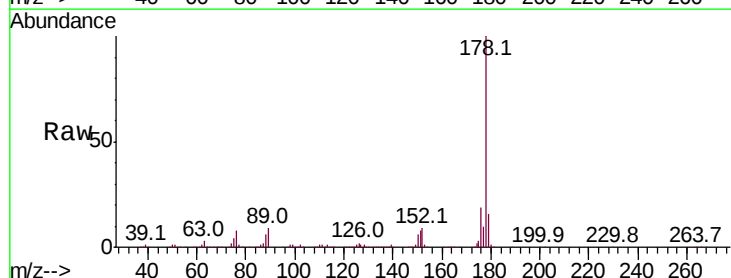
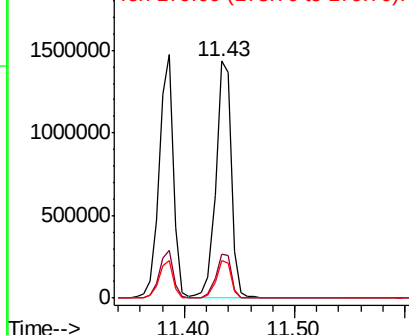
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

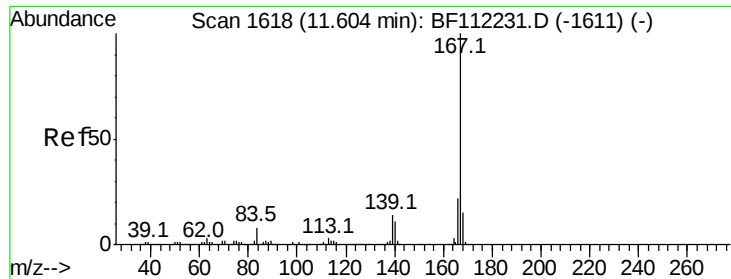


#72
Anthracene
Concen: 43.567 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:178 Resp: 1398298
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.0 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





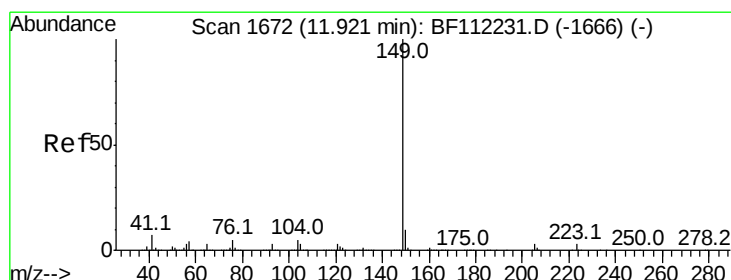
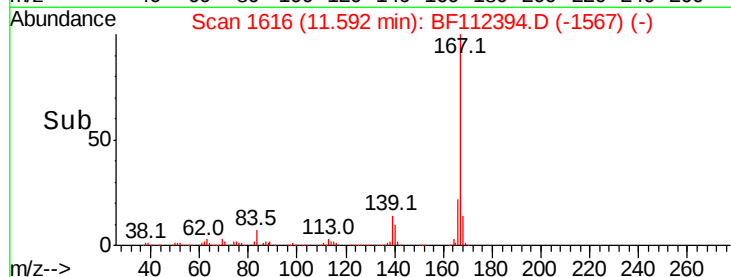
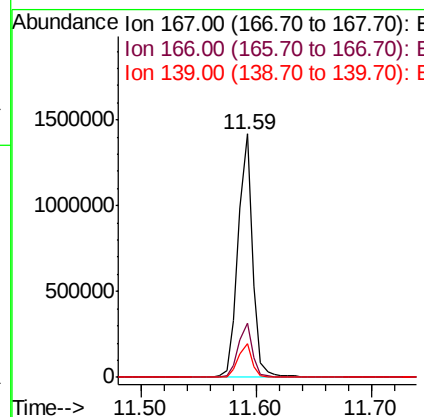
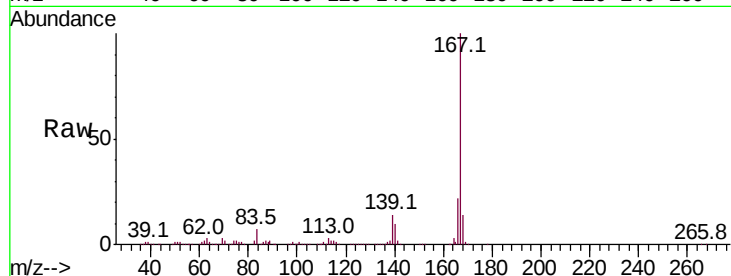
#73
 Carbazole
 Concen: 38.869 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.6	10.2	15.2

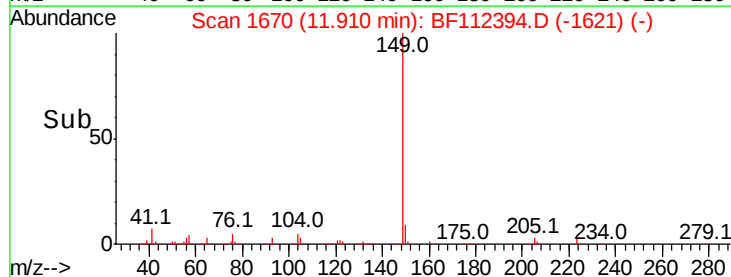
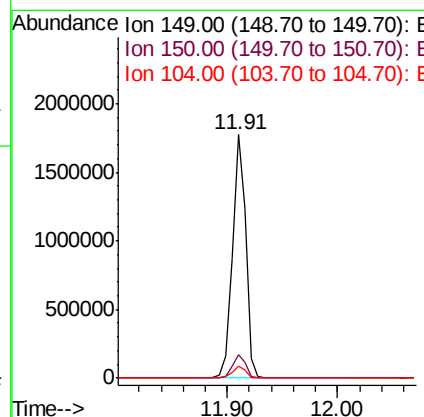
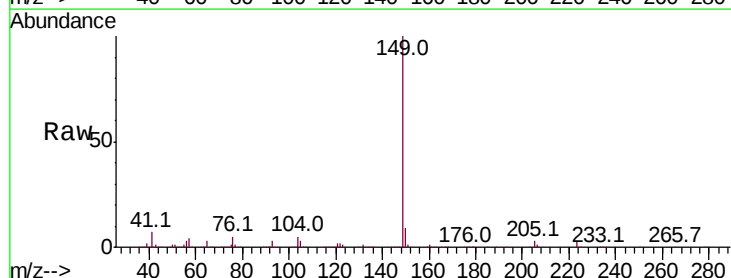
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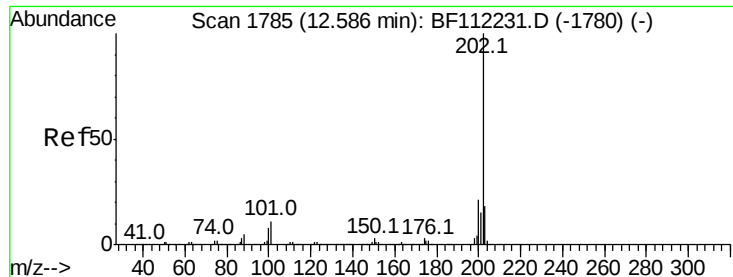
mohammad
 2/6/2019 9:15:43 AM



#74
 Di-n-butylphthalate
 Concen: 38.061 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 41.494 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

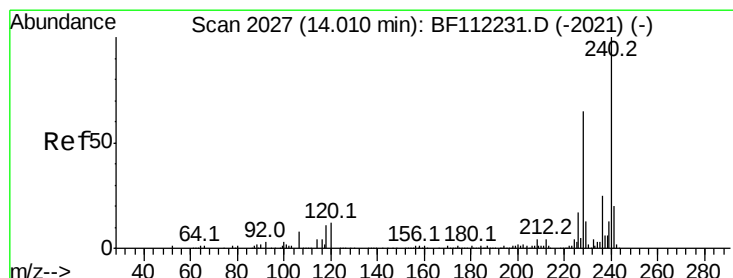
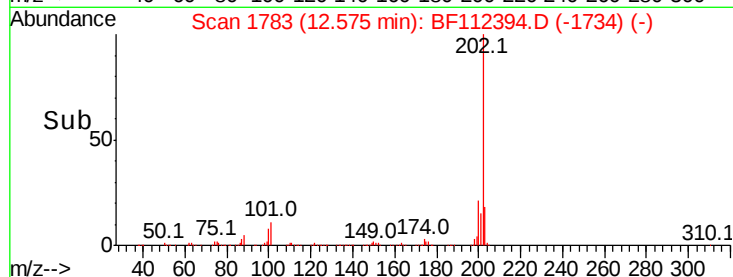
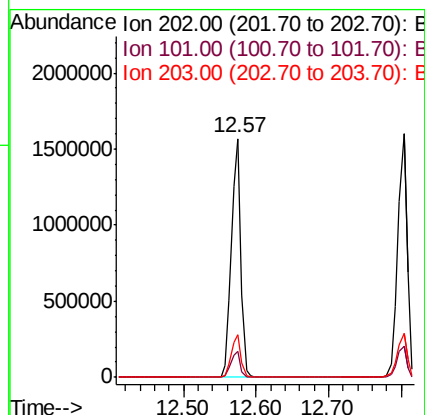
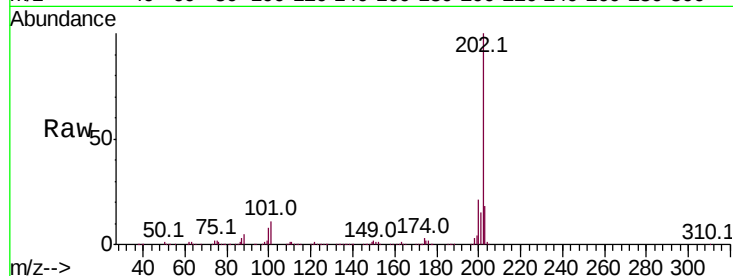
ClientSampleId :

PB116831BS

Tot Ion:	202	Resp:	1433971
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.8
203	17.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

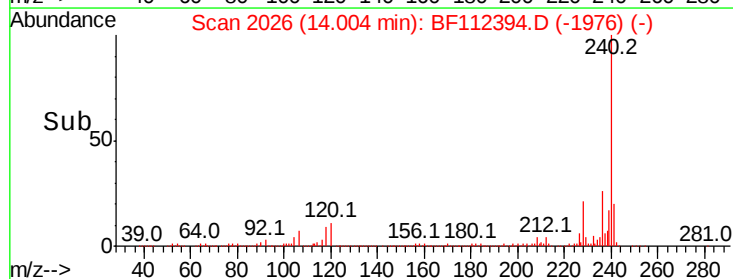
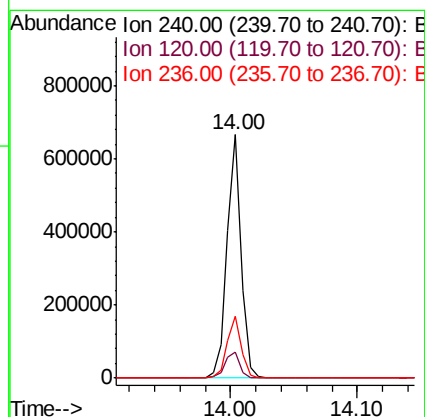
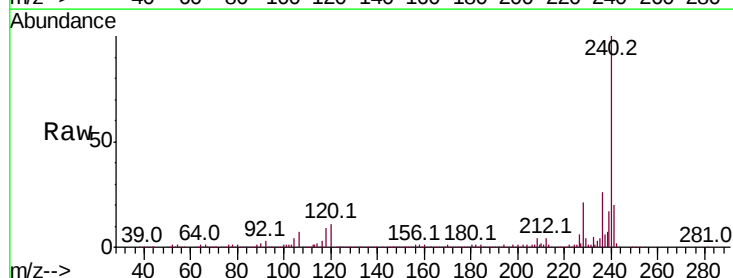
RT: 14.00 min Scan# 2026

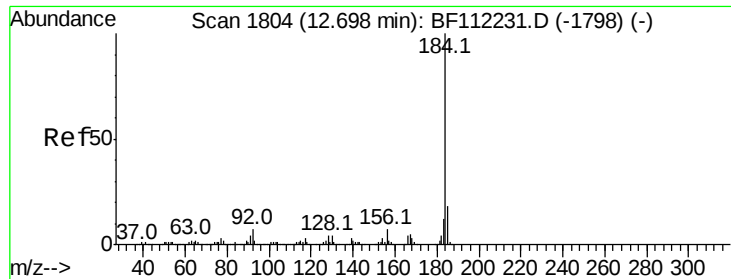
Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion:	240	Resp:	515228
Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 45.039 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

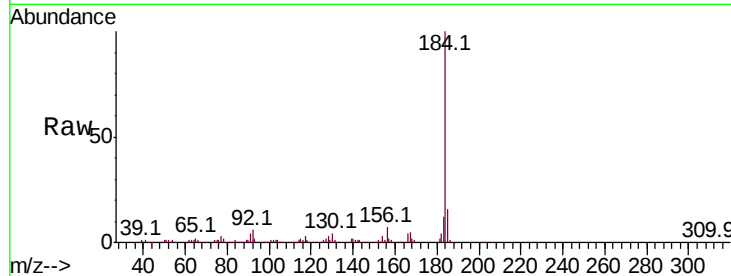
ClientSampleId :

PB116831BS

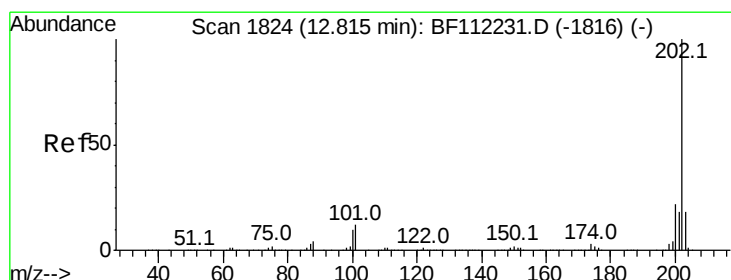
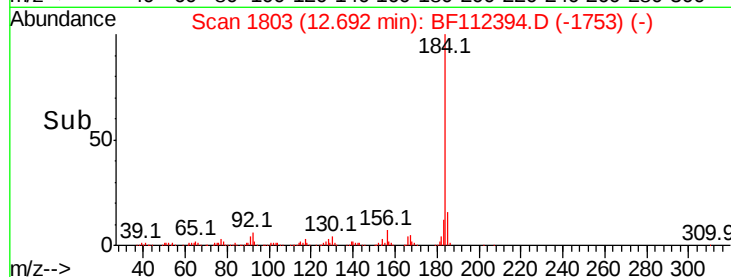
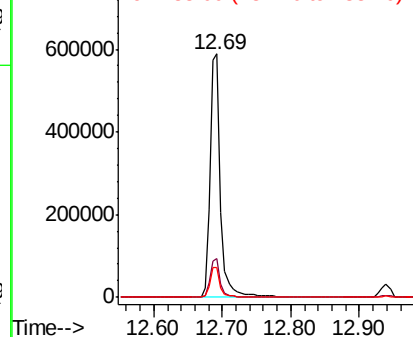
Tot Ion:	184	Resp:	638684
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.9	20.9
183	12.0	10.0	15.0

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Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.517 ng

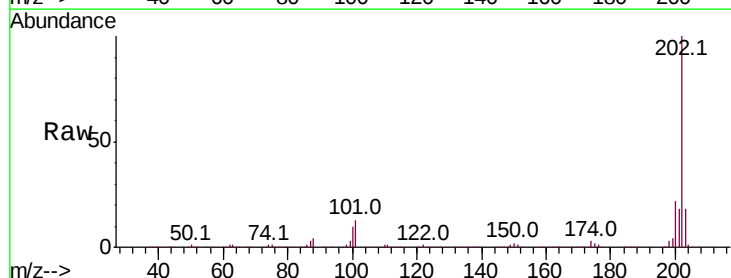
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

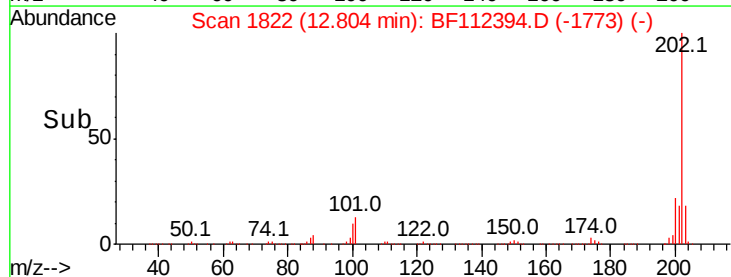
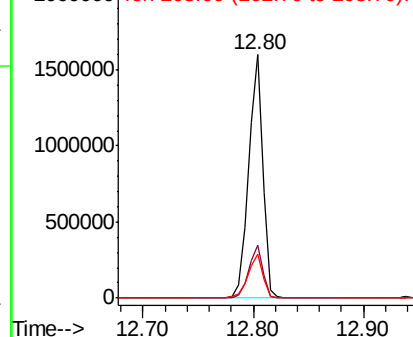
Lab File: BF112394.D

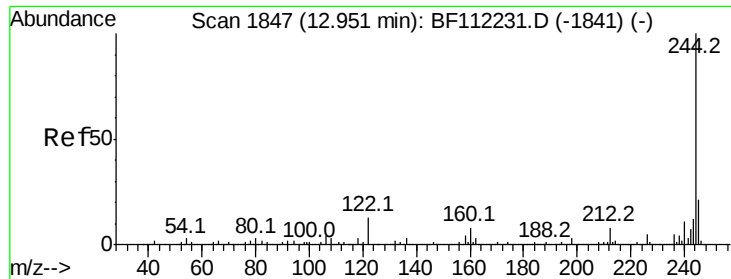
Acq: 5 Feb 2019 14:09

Tgt Ion:	202	Resp:	1445307
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	17.8	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





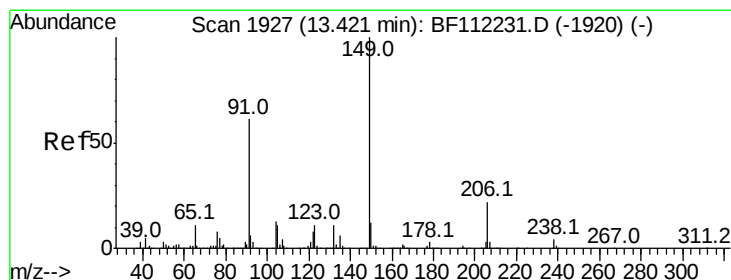
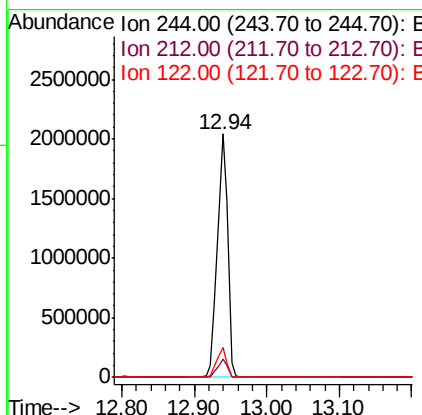
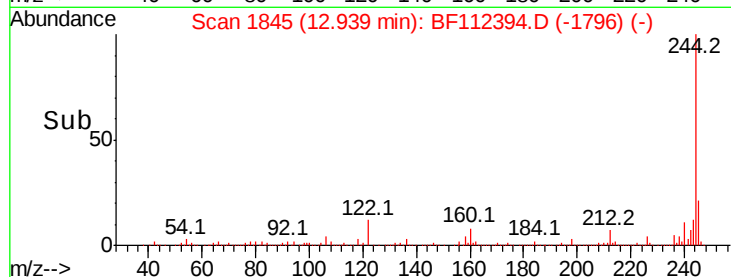
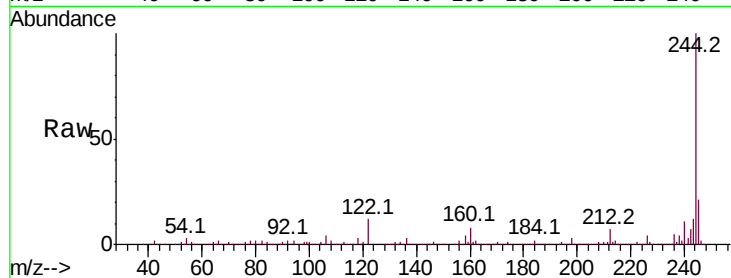
#79
 Terphenyl-d14
 Concen: 75.411 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleID :
 PB116831BS

Tot Ion:244 Resp: 2062905
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.3 9.8 14.6

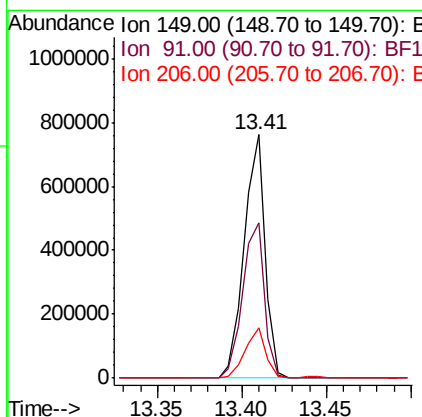
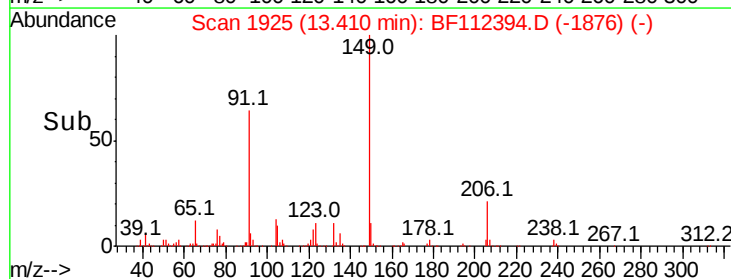
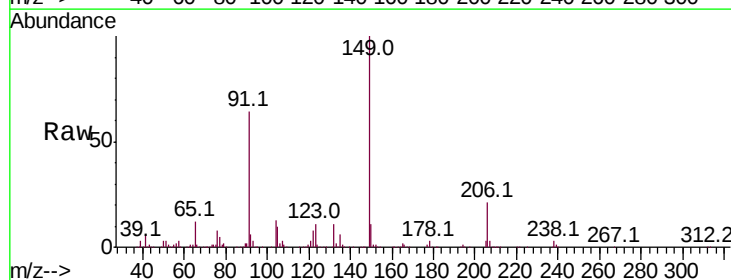
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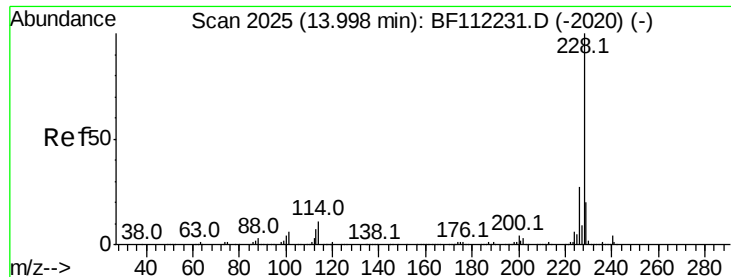
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.313 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion:149 Resp: 661221
 Ion Ratio Lower Upper
 149 100
 91 63.8 50.3 75.5
 206 20.6 18.2 27.4





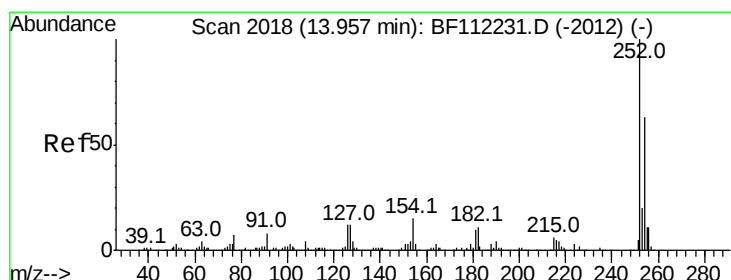
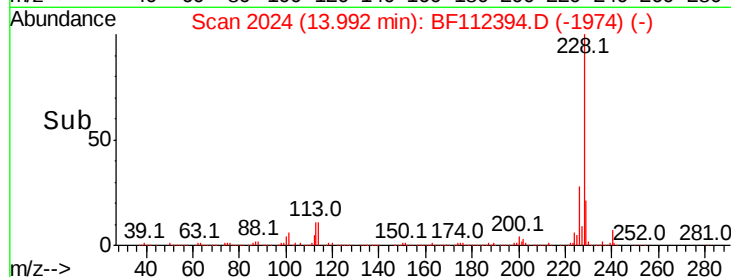
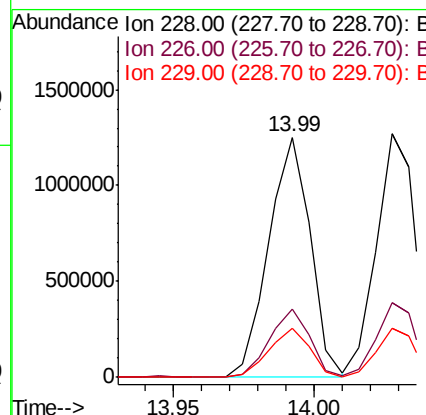
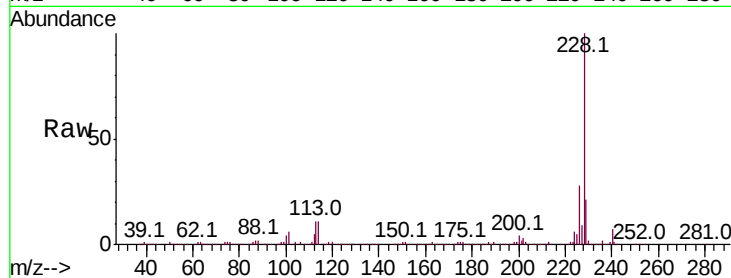
#81
Benzo(a)anthracene
Concen: 42.218 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.6	16.5	24.7

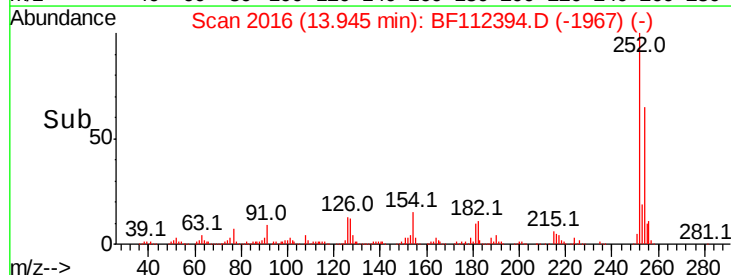
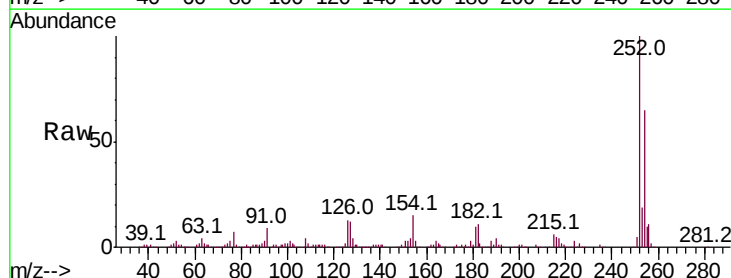
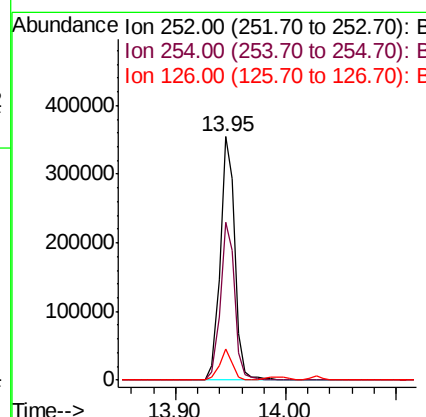
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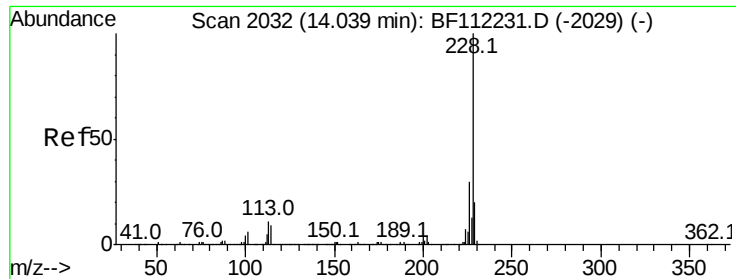
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 28.564 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.6	77.4
126	12.6	8.6	12.8





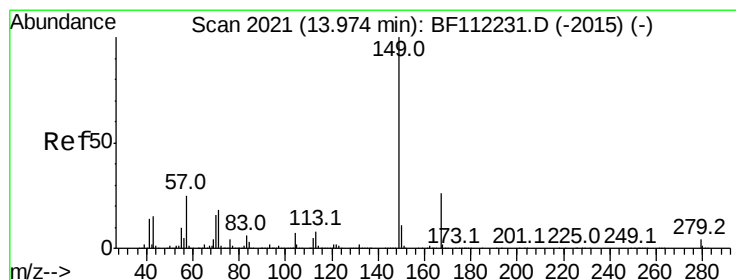
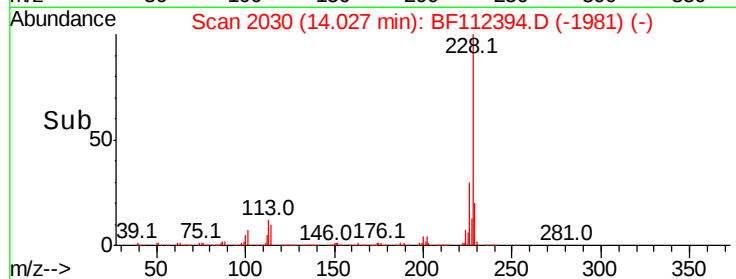
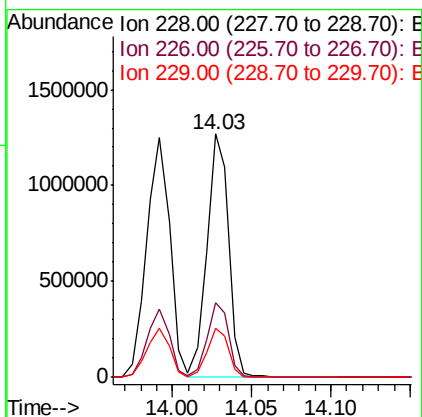
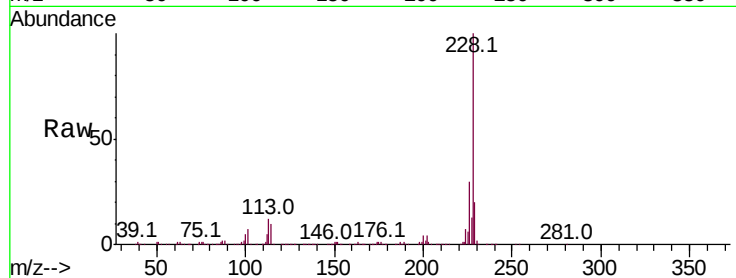
#83
Chrysene
Concen: 41.840 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.0	16.6	24.8

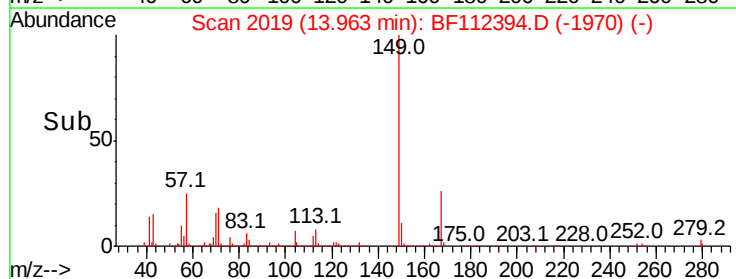
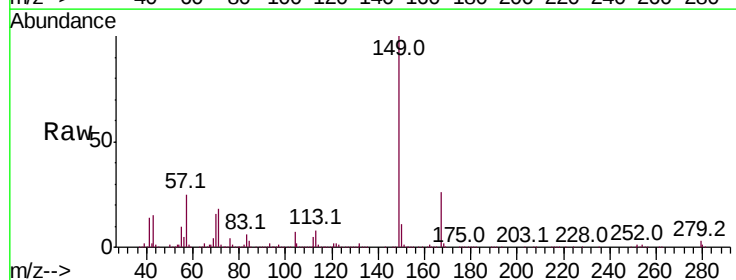
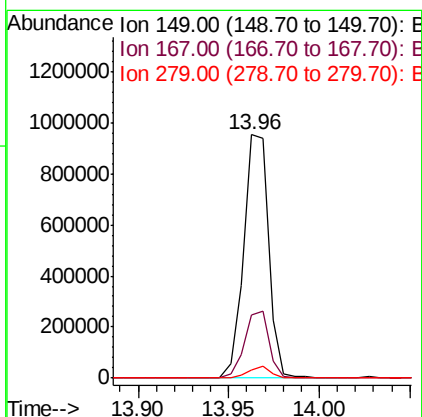
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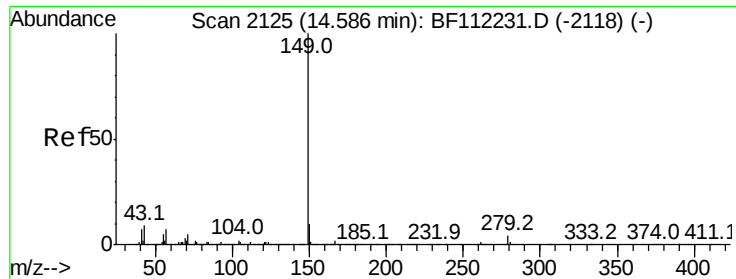
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.195 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.5	33.7
279	3.4	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 39.289 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

PB116831BS

Tot Ion:149 Resp: 1480856

Ion Ratio Lower Upper

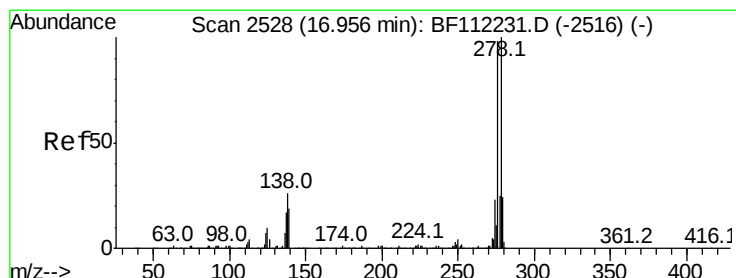
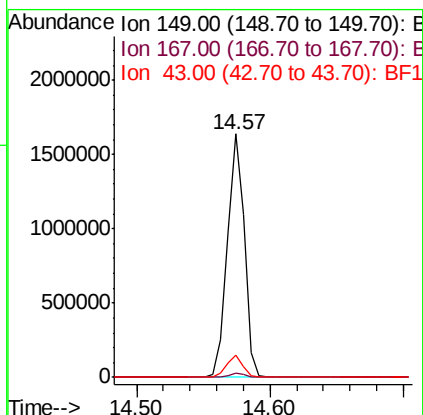
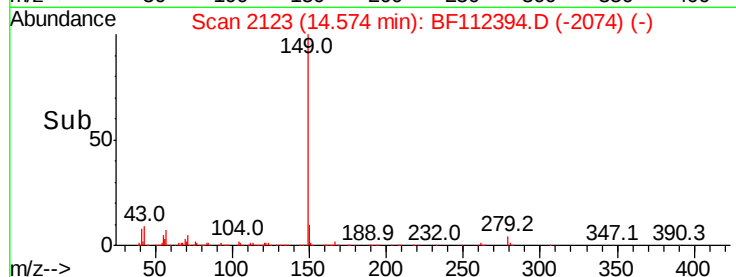
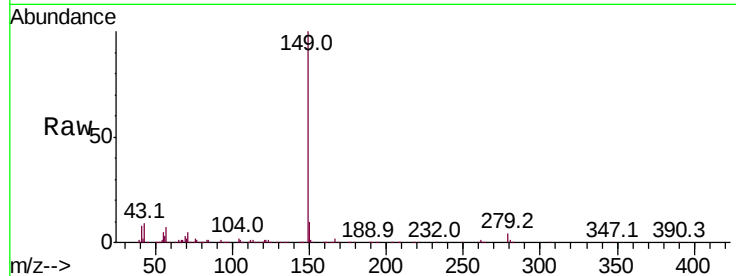
149 100

167 1.6 1.3 1.9

43 8.8 7.8 11.6

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.476 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

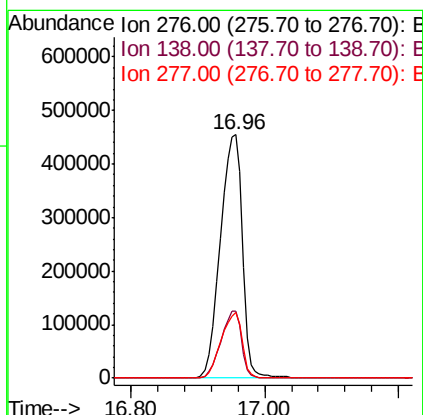
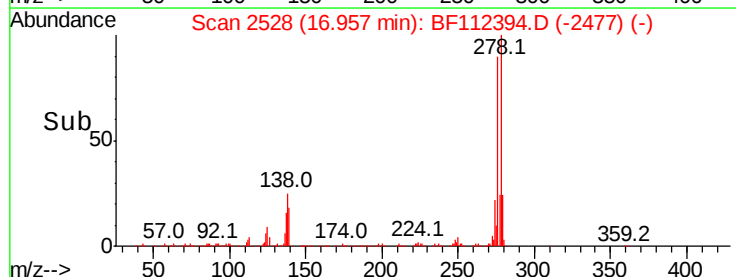
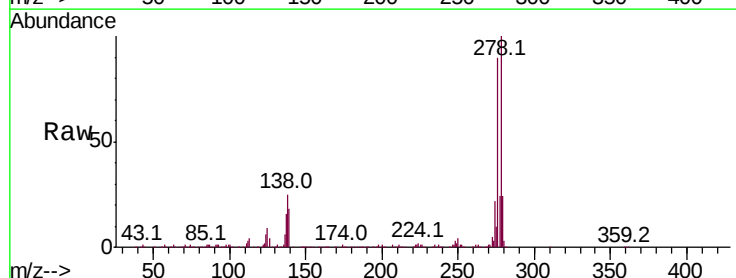
Tgt Ion:276 Resp: 1064711

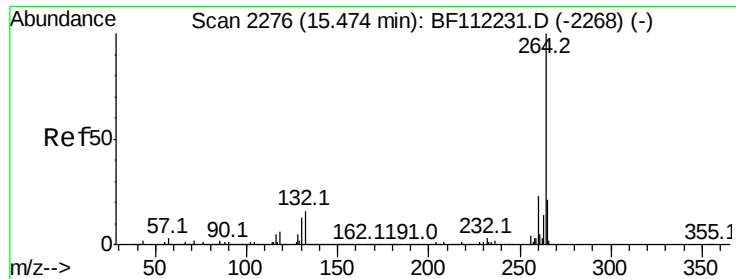
Ion Ratio Lower Upper

276 100

138 25.8 22.6 34.0

277 25.8 20.3 30.5





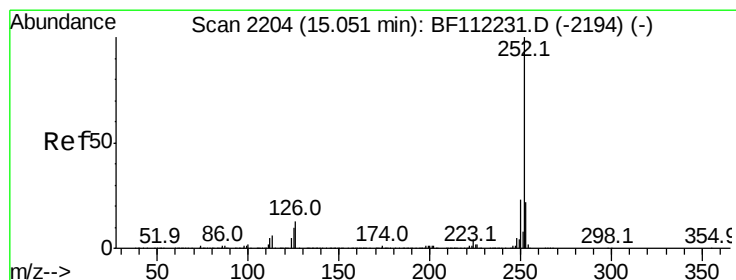
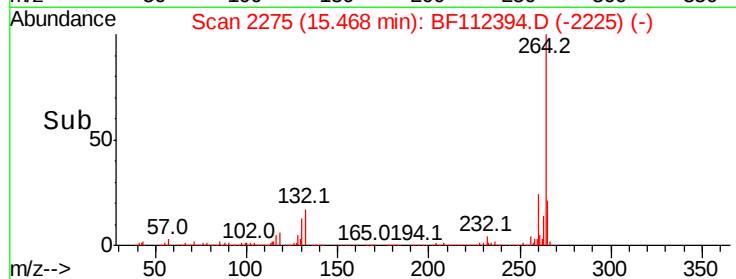
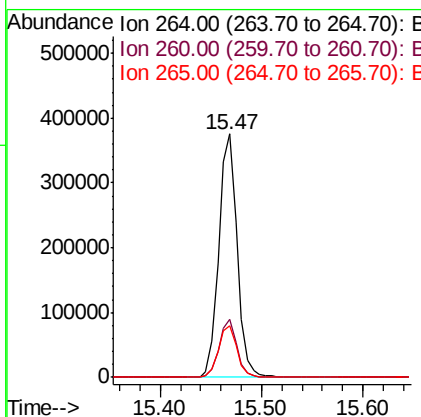
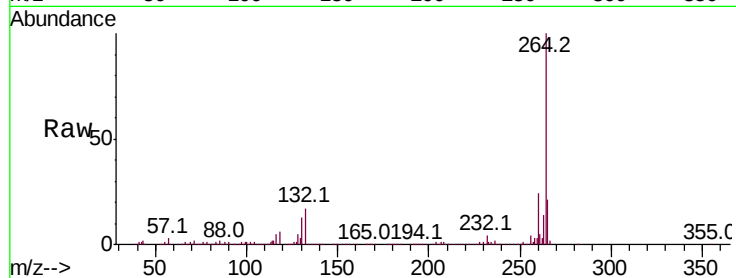
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.2	17.0	25.4

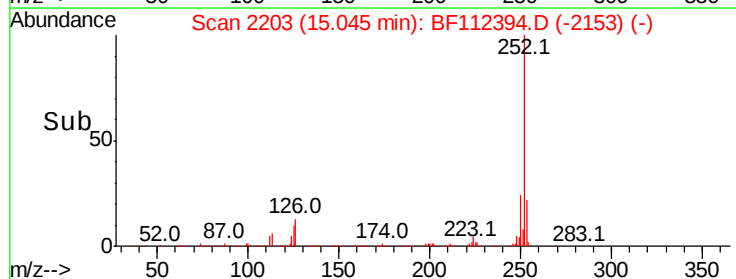
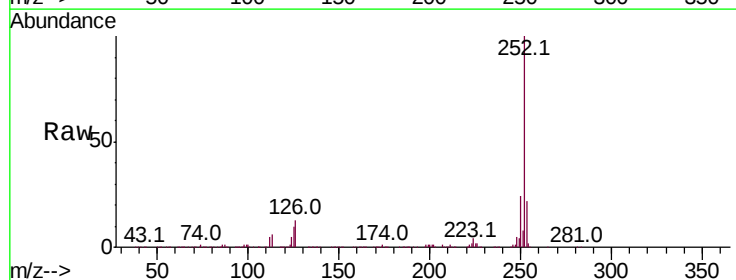
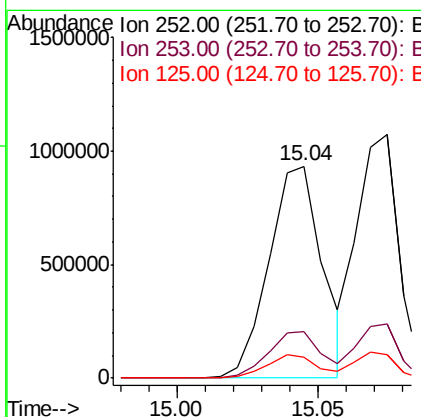
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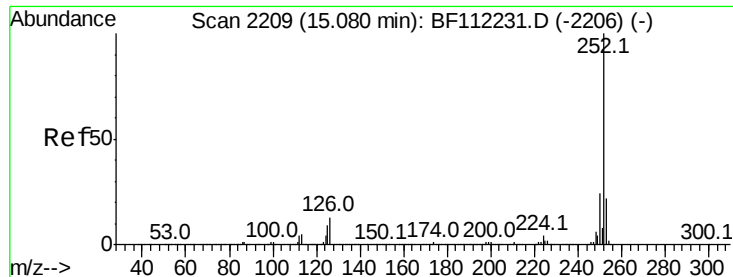
mohammad
2/6/2019 9:15:43 AM



#88
Benzo(b)fluoranthene
Concen: 43.635 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.8	8.7	13.1





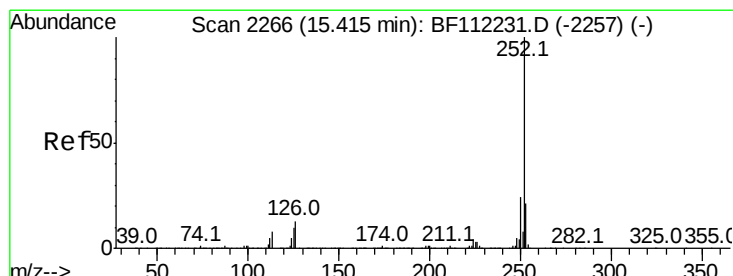
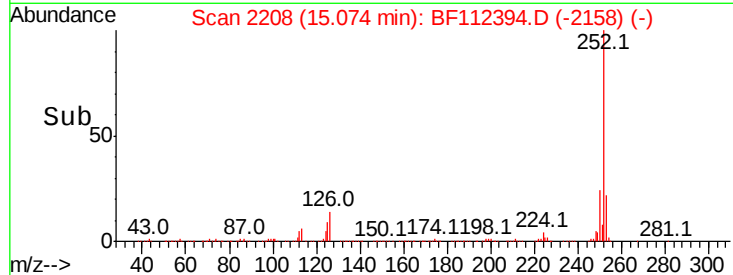
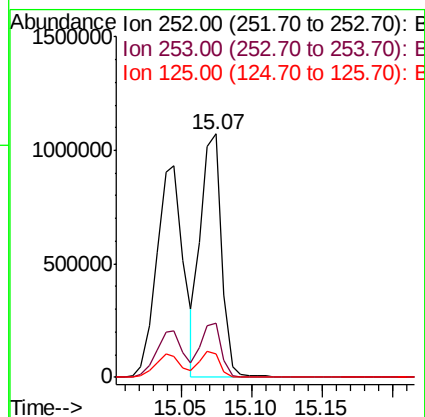
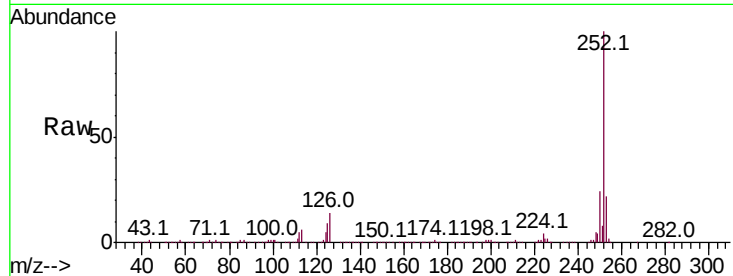
#89
Benzo(k)fluoranthene
Concen: 41.006 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.4	9.1	13.7

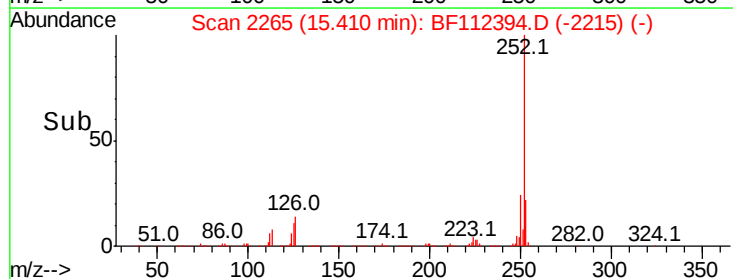
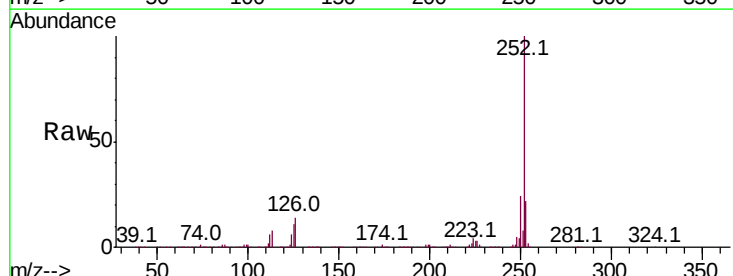
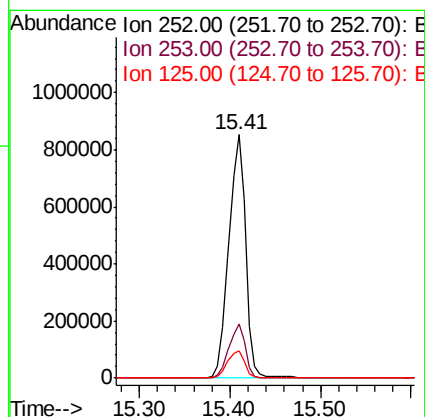
Manual Integrations
APPROVED

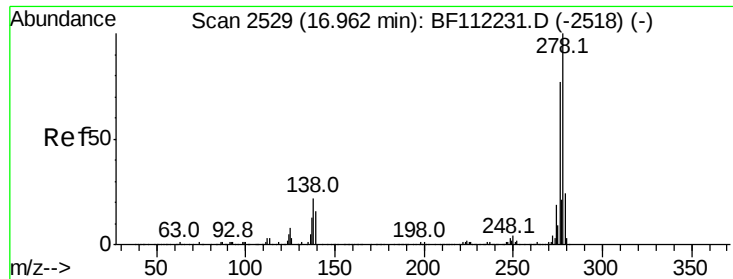
mohammad
2/6/2019 9:15:43 AM



#90
Benzo(a)pyrene
Concen: 43.321 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.4	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 43.279 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

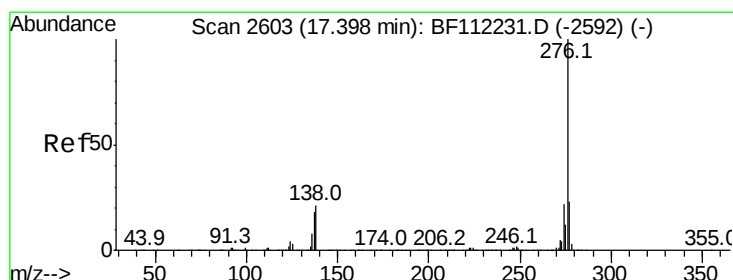
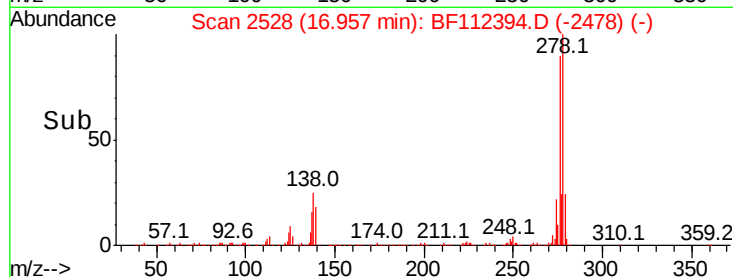
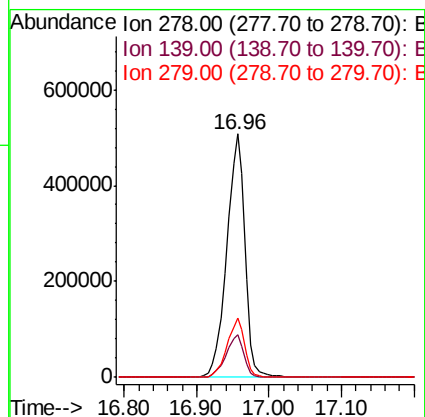
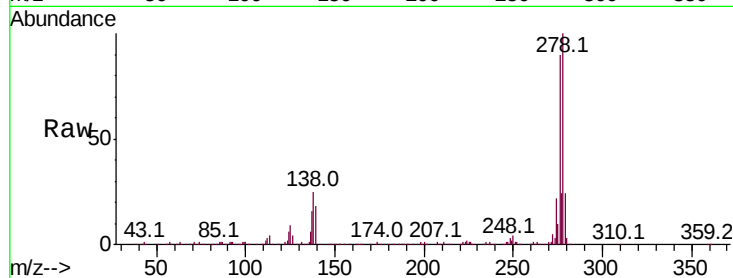
Instrument :
BNA_F

ClientSampleId :
PB116831BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.7	20.5
279	24.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/6/2019 9:15:43 AM



#92

Benzo(g,h,i)perylene

Concen: 44.714 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	22.4	19.1	28.7

