

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115330.D
 Acq On : 1 Jul 2019 11:00
 Operator : HP/JU
 Sample : PB121041BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BS

Manual Integrations
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 7/2/2019 2:53:25 PM

Quant Time: Jul 02 08:32:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	250787	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	943741	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	457478	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	895883	20.00	ng	0.02
76) Chrysene-d12	13.74	240	584327	20.00	ng	0.02
87) Perylene-d12	15.11	264	746583	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1873744	115.30	ng	0.03
7) Phenol-d6	6.26	99	2299462	116.57	ng	0.02
23) Nitrobenzene-d5	7.17	82	1441011	93.93	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	663786	137.59	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2552819	94.79	ng	0.00
79) Terphenyl-d14	12.69	244	2793539	101.65	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	264171	34.443	ng	99
3) Pyridine	2.93	79	755421	34.945	ng	98
4) n-Nitrosodimethylamine	2.87	42	321510	37.938	ng	95
6) Aniline	6.27	93	660127	24.350	ng	# 4
8) 2-Chlorophenol	6.40	128	765743	41.904	ng	99
9) Benzaldehyde	6.14	77	130719	10.158	ng	98
10) Phenol	6.27	94	886820	38.381	ng	99
11) bis(2-Chloroethyl)ether	6.35	93	696275	40.880	ng	99
12) 1,3-Dichlorobenzene	6.55	146	829349	40.894	ng	99
13) 1,4-Dichlorobenzene	6.62	146	838389	41.225	ng	100
14) 1,2-Dichlorobenzene	6.78	146	776442	41.227	ng	99
15) Benzyl Alcohol	6.75	79	569938	39.680	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	967263	39.156	ng	97
17) 2-Methylphenol	6.88	107	650724	43.141	ng	97
18) Hexachloroethane	7.12	117	295164	40.258	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	478079	37.857	ng	98
20) 3+4-Methylphenols	7.03	107	745175	42.785	ng	# 77
22) Acetophenone	7.02	105	1013392	46.905	ng	# 95
24) Nitrobenzene	7.19	77	768290	45.457	ng	100
25) Isophorone	7.44	82	1374459	43.734	ng	99
26) 2-Nitrophenol	7.51	139	434627	52.072	ng	100
27) 2,4-Dimethylphenol	7.55	122	691793	50.622	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	859086	43.249	ng	99
29) 2,4-Dichlorophenol	7.75	162	659179	46.740	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	719307	46.174	ng	99
31) Naphthalene	7.91	128	2137436	46.139	ng	100
32) Benzoic acid	7.70	122	490616	50.294	ng	99
33) 4-Chloroaniline	7.96	127	395241	18.668	ng	99
34) Hexachlorobutadiene	8.04	225	384043	44.987	ng	98
35) Caprolactam	8.34	113	224739m	47.397	ng	
36) 4-Chloro-3-methylphenol	8.45	107	675164	47.272	ng	98
37) 2-Methylnaphthalene	8.60	142	1445054	46.263	ng	99
38) 1-Methylnaphthalene	8.70	142	1357522	45.506	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	641450	49.619	ng	99

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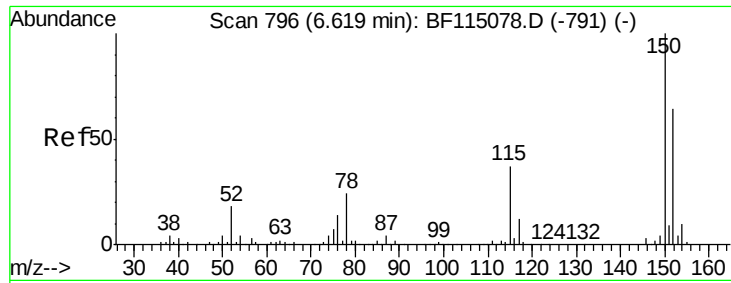
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Quant Time: Jul 02 08:32:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	629126	82.072	nq	100
43) 2,4,6-Trichlorophenol	8.88	196	472452	47.338	nq	98
44) 2,4,5-Trichlorophenol	8.92	196	508940	49.517	nq	98
46) 1,1'-Biphenyl	9.07	154	1668234	45.574	nq	98
47) 2-Chloronaphthalene	9.09	162	1345043	45.300	nq	99
48) 2-Nitroaniline	9.18	65	409825	47.343	nq	90
49) Acenaphthylene	9.50	152	2101256	45.421	nq	100
50) Dimethylphthalate	9.37	163	1567991	46.586	nq	100
51) 2,6-Dinitrotoluene	9.43	165	373591	48.078	nq	88
52) Acenaphthene	9.67	154	1220164	42.150	nq	99
53) 3-Nitroaniline	9.59	138	255878	26.984	nq	97
54) 2,4-Dinitrophenol	9.71	184	407333	99.865	nq	97
55) Dibenzofuran	9.84	168	1812931	43.634	nq	98
56) 4-Nitrophenol	9.77	139	703871	92.588	nq	97
57) 2,4-Dinitrotoluene	9.83	165	490440	48.881	nq	# 92
58) Fluorene	10.18	166	1309349	47.733	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	433197	50.265	nq	98
60) Diethylphthalate	10.07	149	1477339	43.666	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	630549	48.495	nq	97
62) 4-Nitroaniline	10.20	138	425072	44.684	nq	98
63) Azobenzene	10.34	77	1370029	43.354	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	245713	51.180	nq	94
66) n-Nitrosodiphenylamine	10.30	169	1296638	46.456	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	446113	45.929	nq	93
68) Hexachlorobenzene	10.73	284	491617	46.629	nq	94
69) Atrazine	10.83	200	419604	46.734	nq	99
70) Pentachlorophenol	10.92	266	600864	89.458	nq	98
71) Phenanthrene	11.14	178	2121492	43.982	nq	100
72) Anthracene	11.19	178	2174722	44.664	nq	99
73) Carbazole	11.34	167	1998508	45.965	nq	98
74) Di-n-butylphthalate	11.68	149	2221033	44.206	nq	99
75) Fluoranthene	12.32	202	2224881	46.230	nq	98
77) Benzidine	12.44	184	681526	26.267	nq	99
78) Pyrene	12.54	202	2249590	50.096	nq	98
80) Butylbenzylphthalate	13.17	149	1037161	52.336	nq	96
81) Benzo(a)anthracene	13.72	228	2038240	48.614	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	603208	39.840	nq	99
83) Chrysene	13.77	228	1995496	51.957	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1231342	47.419	nq	100
85) Di-n-octyl phthalate	14.35	149	2246871	51.499	nq	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	2403262	52.882	nq	98
88) Benzo(b)fluoranthene	14.74	252	2300134	49.375	nq	99
89) Benzo(k)fluoranthene	14.77	252	1880939	45.024	nq	100
90) Benzo(a)pyrene	15.07	252	2083320	49.618	nq	98
91) Dibenzo(a,h)anthracene	16.42	278	1966768	50.175	nq	97
92) Benzo(g,h,i)perylene	16.79	276	2054129	51.777	nq	99

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



#1

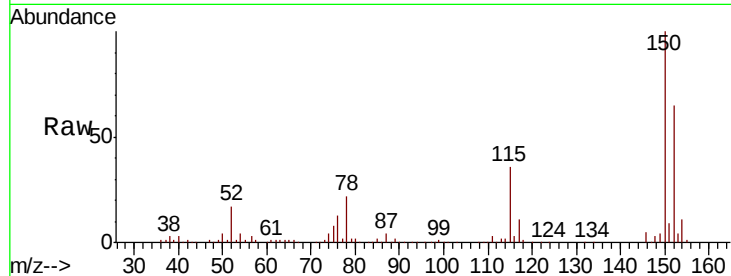
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	56.5	46.1	69.1

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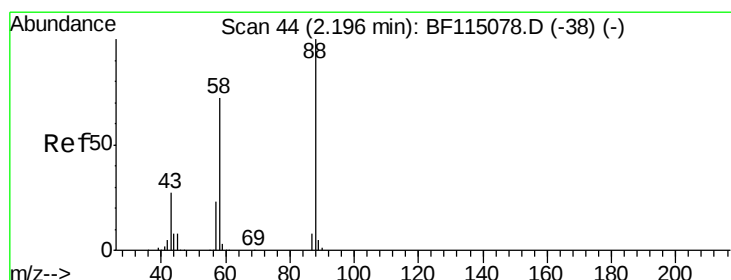
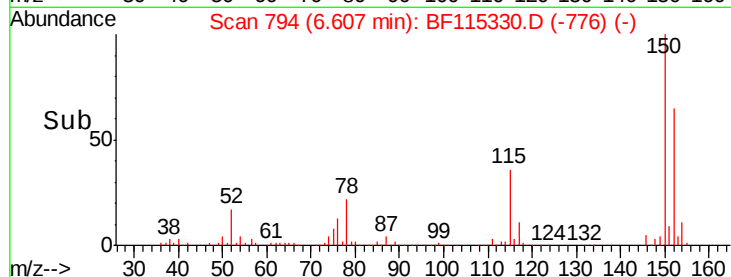
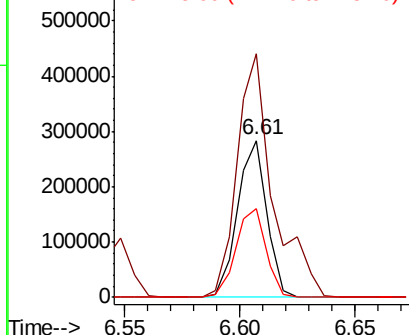


Abundance

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: 34.443 ng
RT: 2.27 min Scan# 57
Delta R.T. 0.12 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

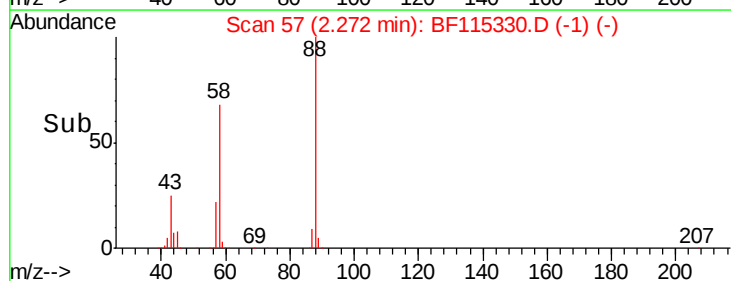
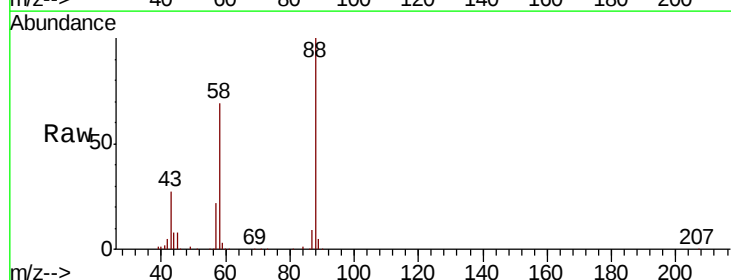
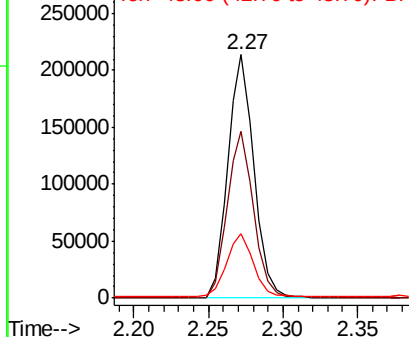
Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	56.1	84.1
43	26.8	21.3	31.9

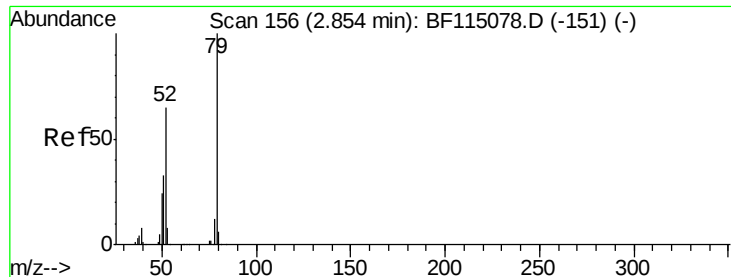
Abundance

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: 34.945 ng

RT: 2.93 min Scan# 168

Delta R.T. 0.12 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

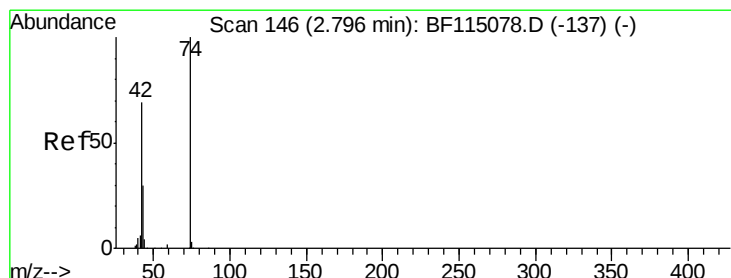
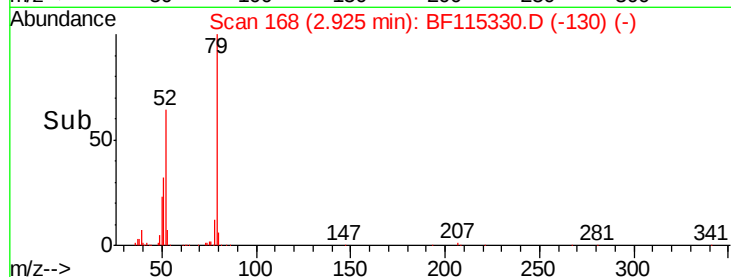
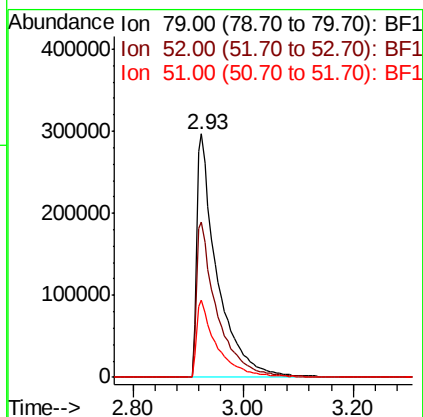
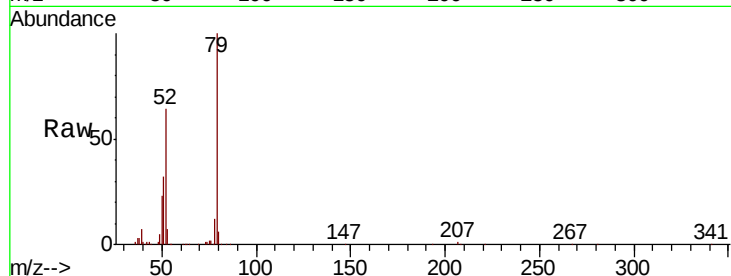
ClientSampleId :

PB121041BS

Tot Ion:	79	Resp:	755421
Ion Ratio	Lower	Upper	
79	100		
52	63.9	52.3	78.5
51	31.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 37.938 ng

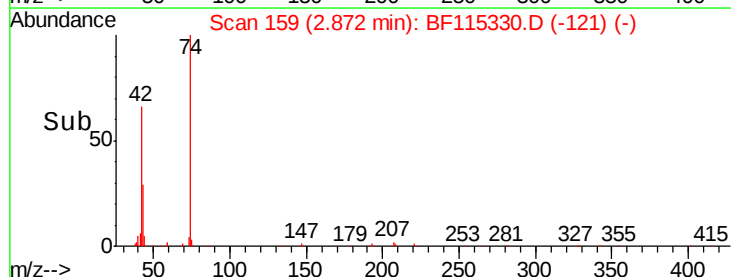
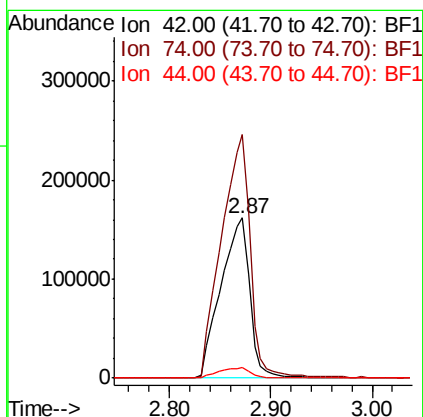
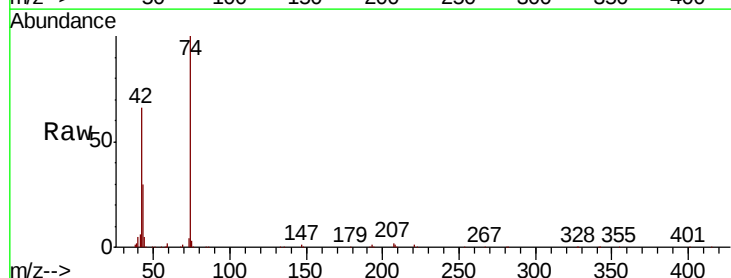
RT: 2.87 min Scan# 159

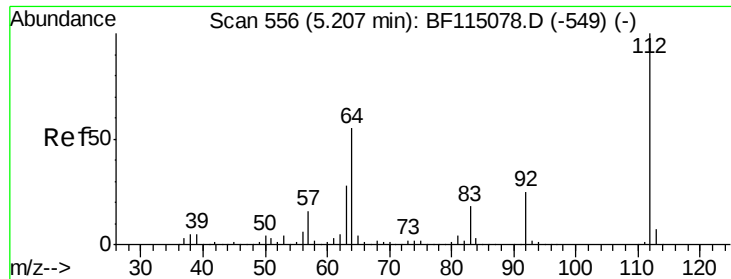
Delta R.T. 0.12 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Tgt Ion:	42	Resp:	321510
Ion Ratio	Lower	Upper	
42	100		
74	151.8	116.6	175.0
44	7.0	5.3	7.9





#5

2-Fluorophenol

Concen: 115.297 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.03 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion:112 Resp: 1873744

Ion Ratio Lower Upper

112 100

64 54.6 43.8 65.6

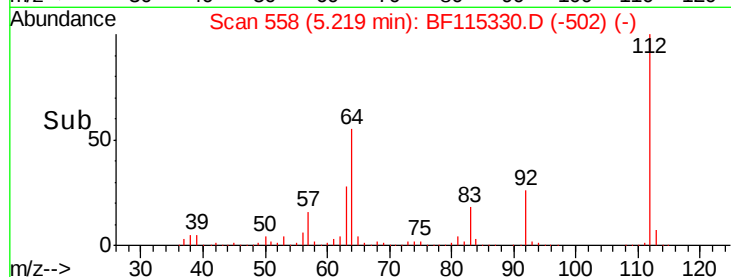
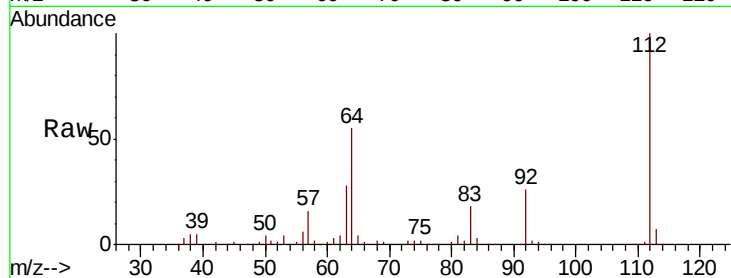
63 28.4 22.2 33.4

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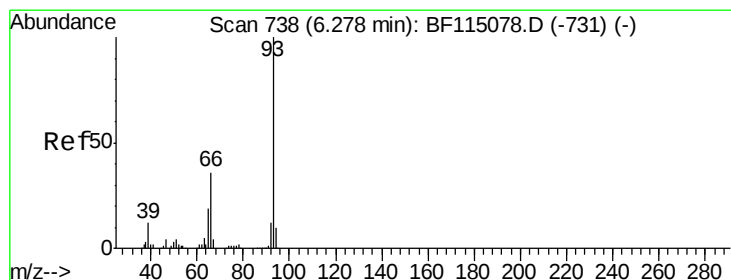
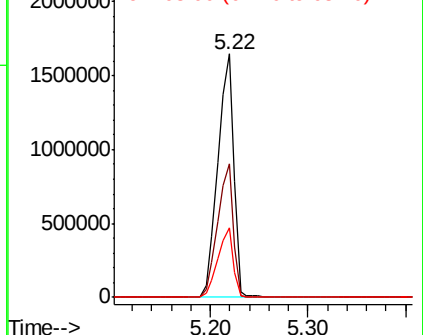
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.350 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

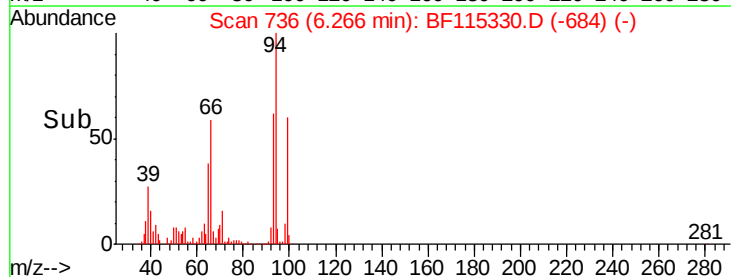
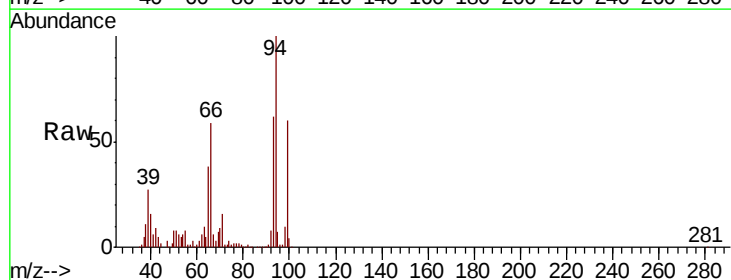
Tgt Ion: 93 Resp: 660127

Ion Ratio Lower Upper

93 100

66 96.0 30.0 45.0#

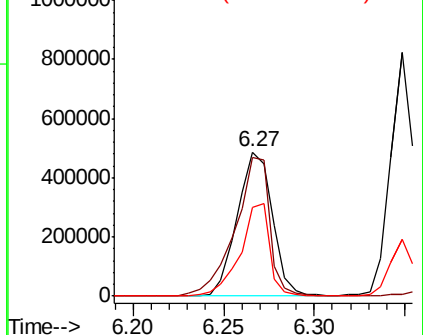
65 61.4 15.6 23.4#

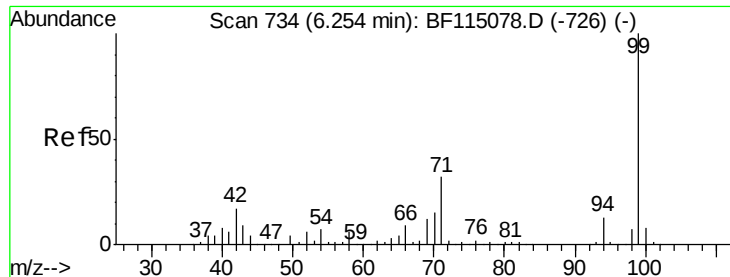


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.575 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion: 99 Resp: 2299462

Ion Ratio Lower Upper

99 100

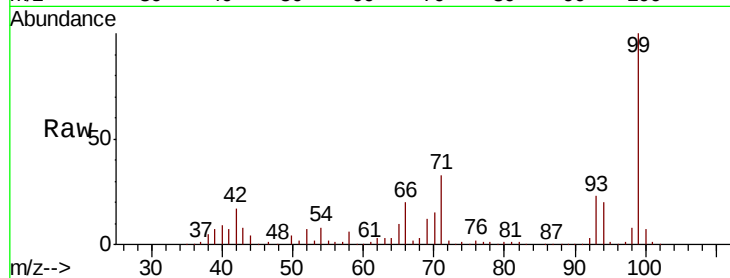
42 17.0 13.6 20.4

71 33.3 25.5 38.3

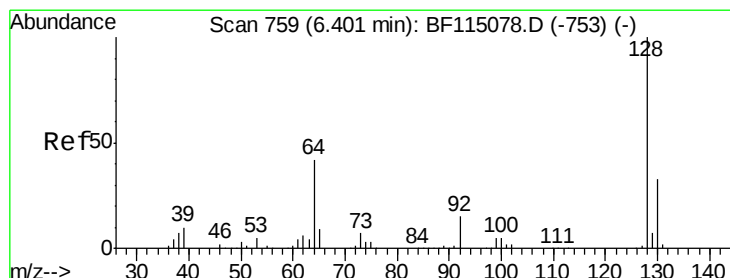
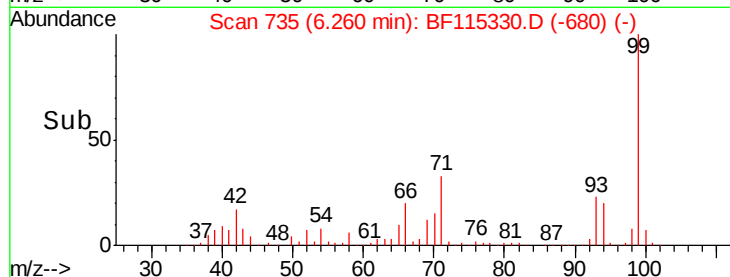
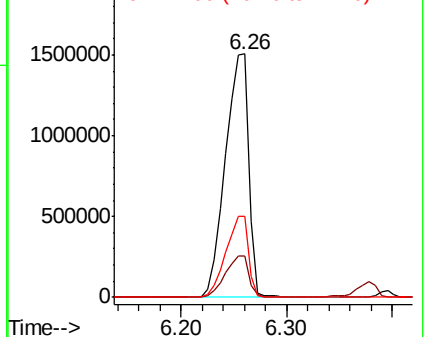
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.904 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

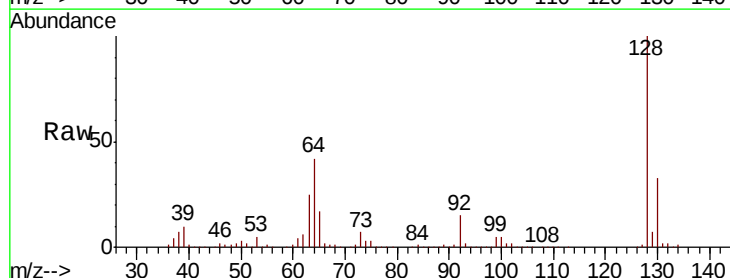
Tgt Ion: 128 Resp: 765743

Ion Ratio Lower Upper

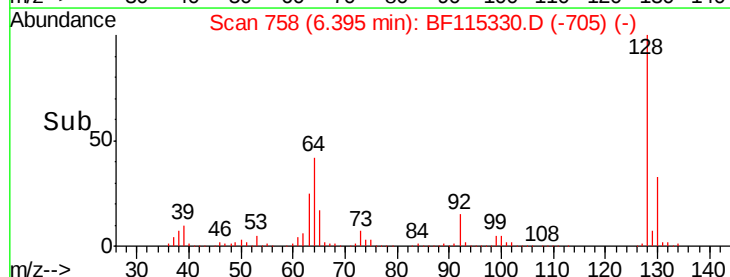
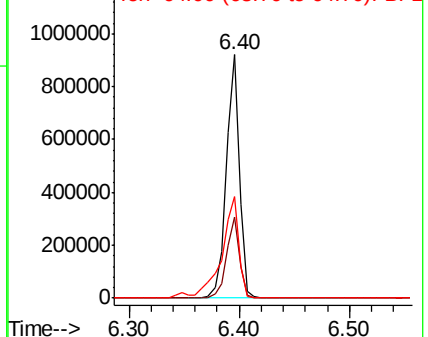
128 100

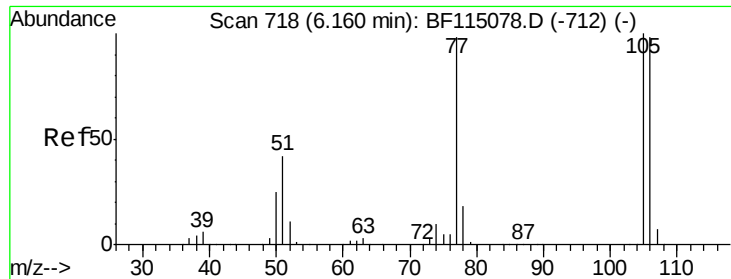
130 33.4 12.9 52.9

64 41.7 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.158 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

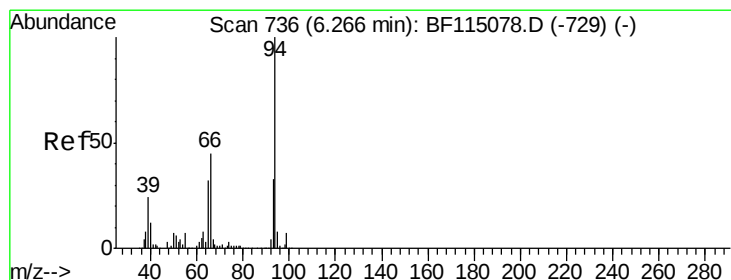
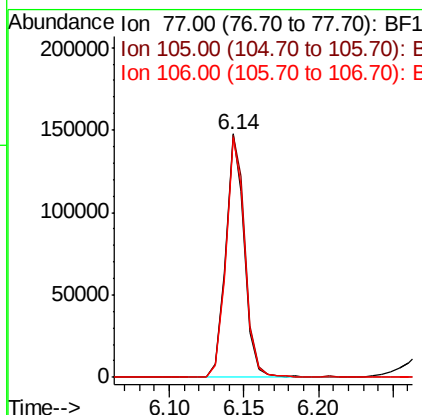
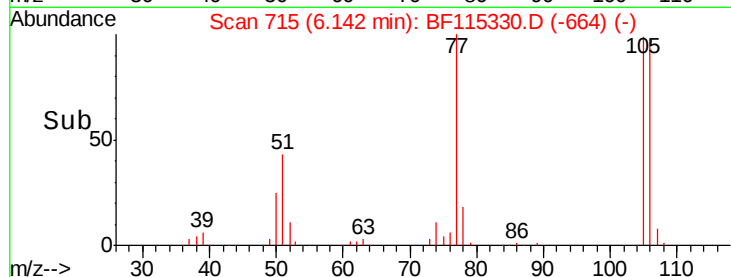
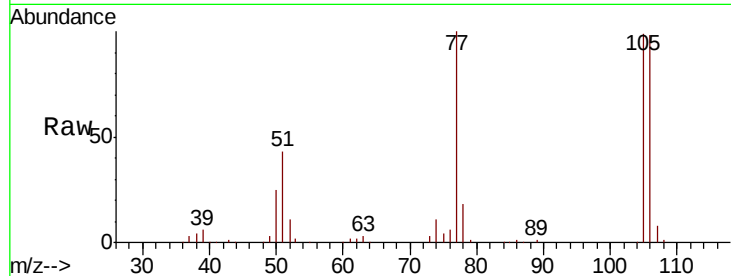
ClientSampleId :

PB121041BS

Tot Ion:	77	Resp:	130719
Ion	Ratio	Lower	Upper
77	100		
105	99.4	81.5	121.5
106	98.4	79.7	119.7

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#10

Phenol

Concen: 38.381 ng

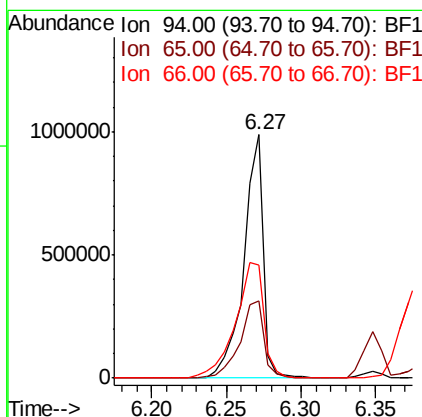
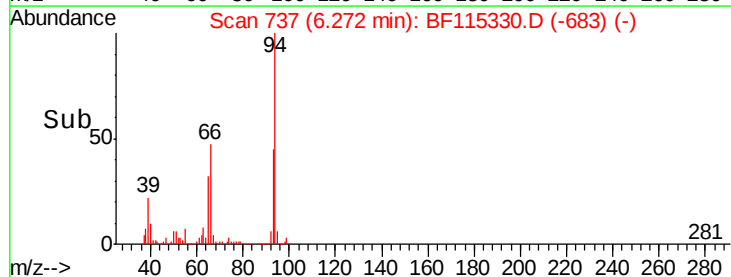
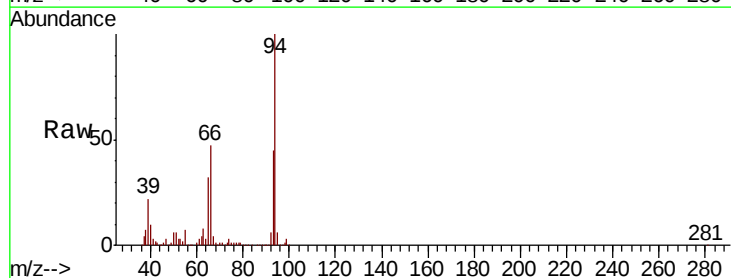
RT: 6.27 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Tgt Ion:	94	Resp:	886820
Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.9	51.9
66	46.5	25.2	65.2





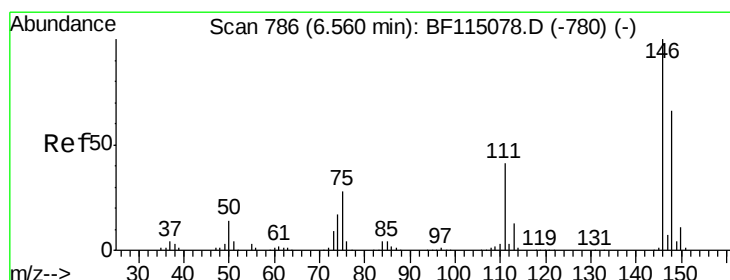
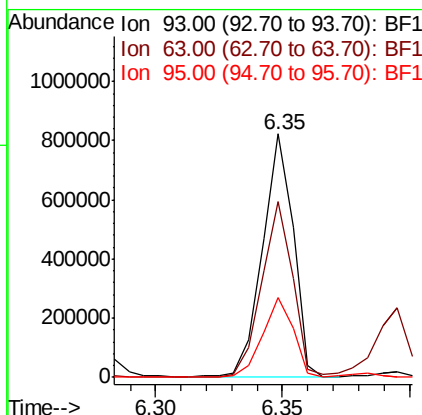
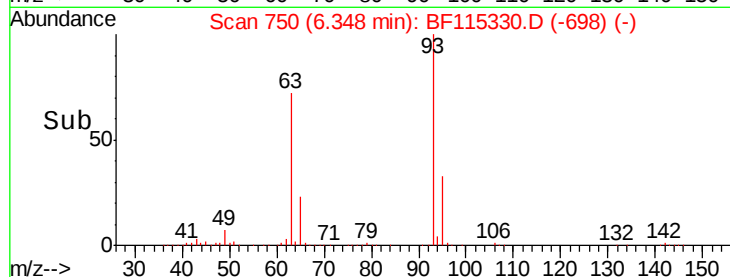
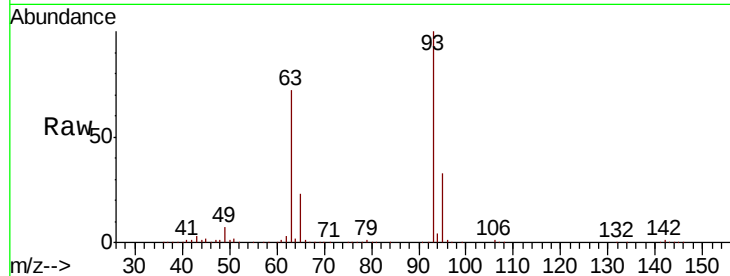
#11
bis(2-Chloroethyl)ether
Concen: 40.880 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion:	93	Resp:	696275
Ion Ratio	Lower	Upper	
93	100		
63	72.1	51.5	91.5
95	33.0	13.4	53.4

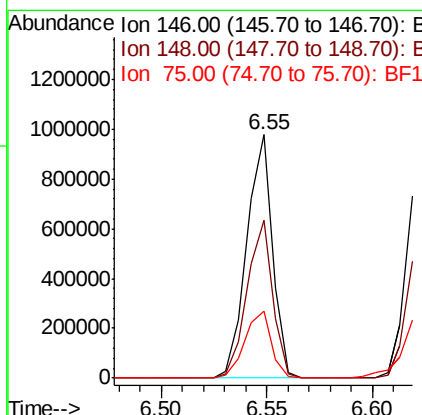
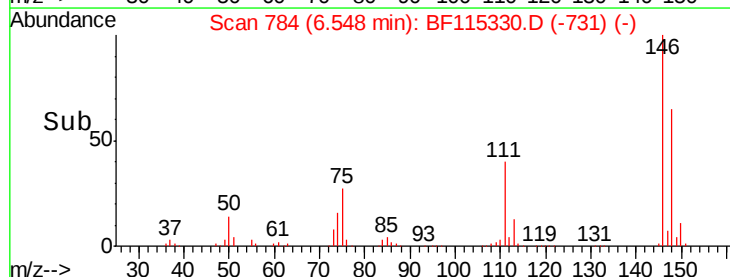
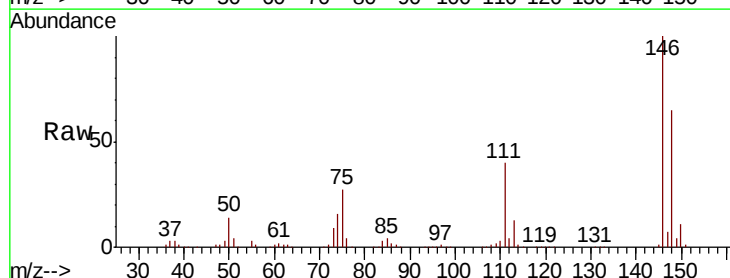
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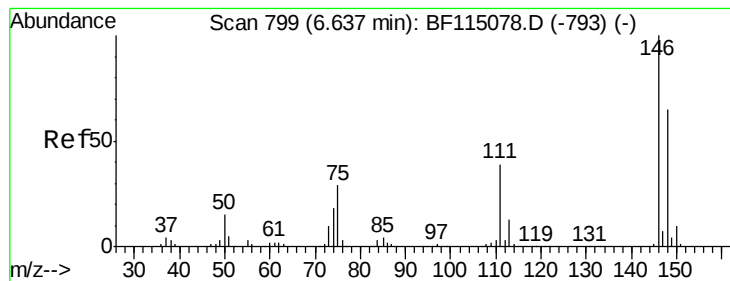
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.894 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion:	146	Resp:	829349
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.6	78.8
75	27.5	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 41.225 ng

RT: 6.62 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

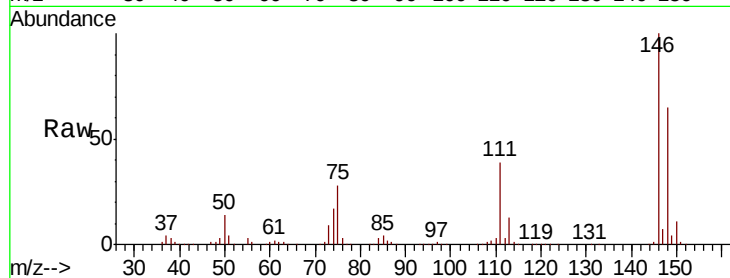
ClientSampleId :

PB121041BS

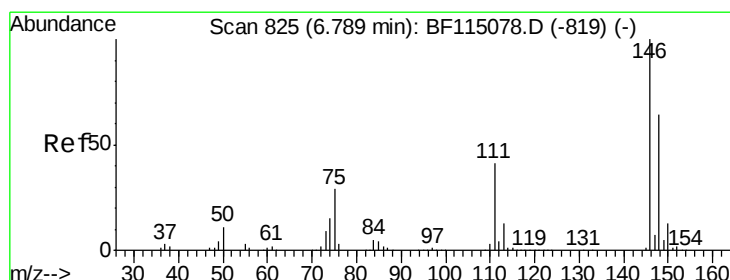
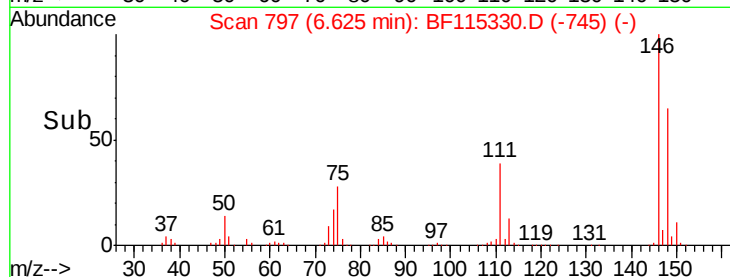
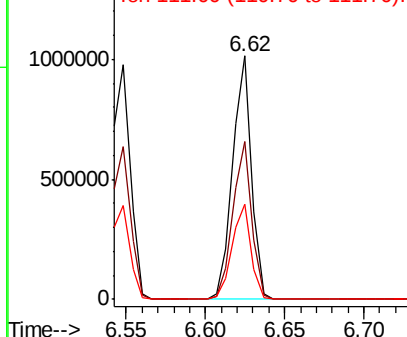
Tot Ion:	146	Resp:	838389
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
111	39.1	31.4	47.0

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



#14

1,2-Dichlorobenzene

Concen: 41.227 ng

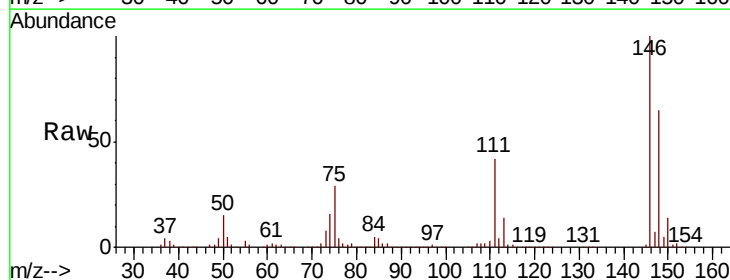
RT: 6.78 min Scan# 823

Delta R.T. 0.01 min

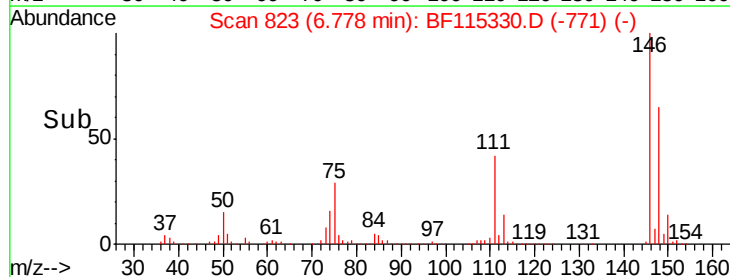
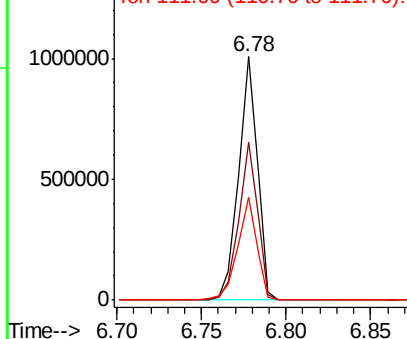
Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Tgt Ion:	146	Resp:	776442
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
111	42.4	33.2	49.8



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





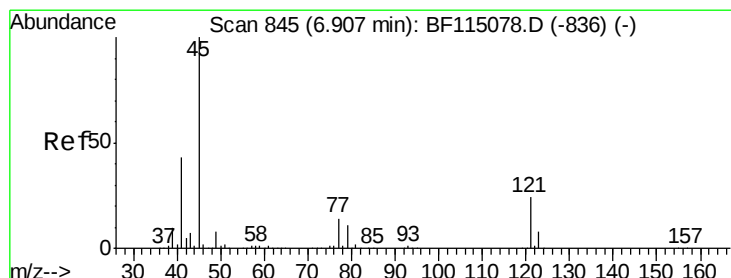
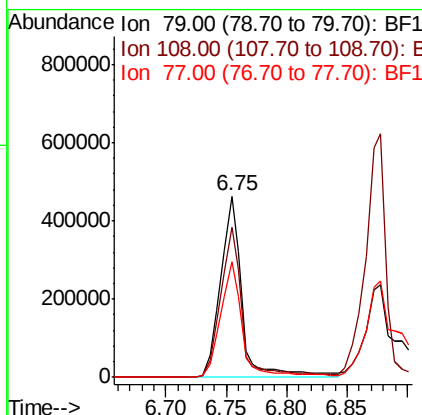
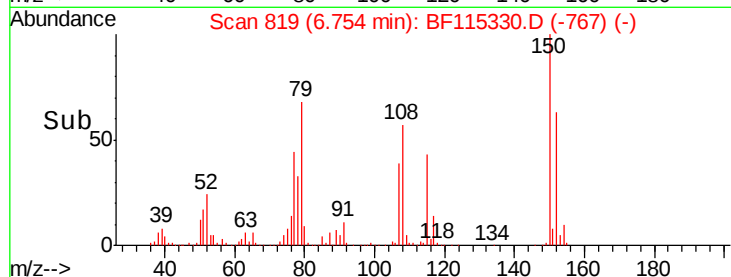
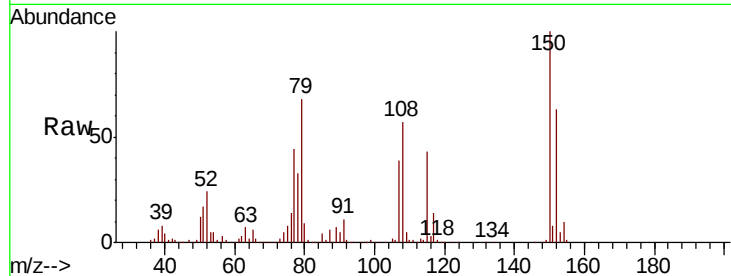
#15
Benzyl Alcohol
Concen: 39.680 ng
RT: 6.75 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	68.7	103.1
77	63.8	51.7	77.5

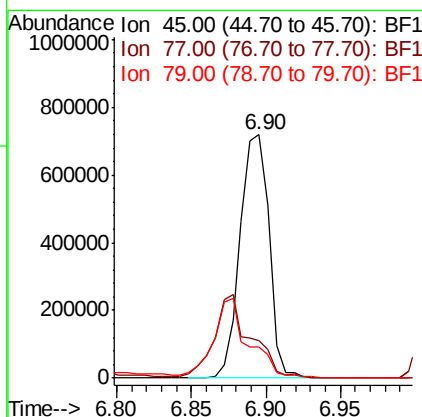
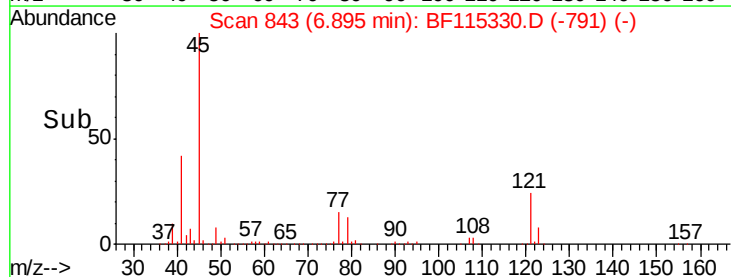
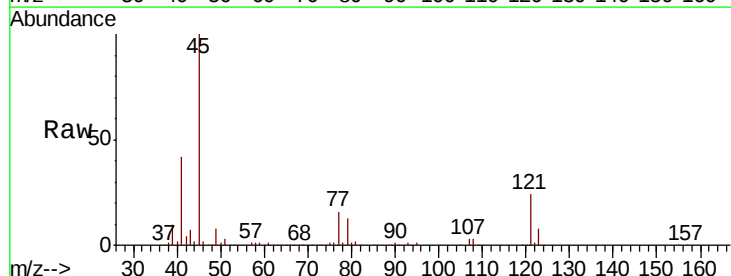
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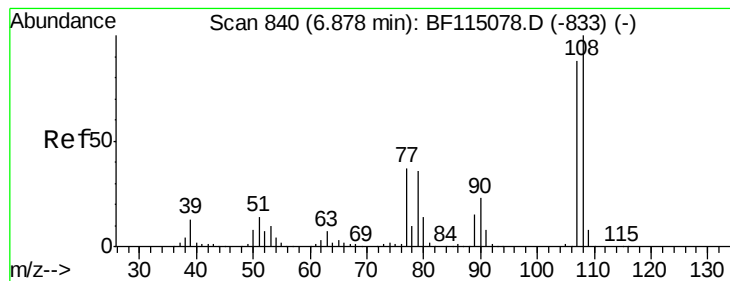
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.156 ng
RT: 6.90 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.6
79	12.7	0.0	31.2





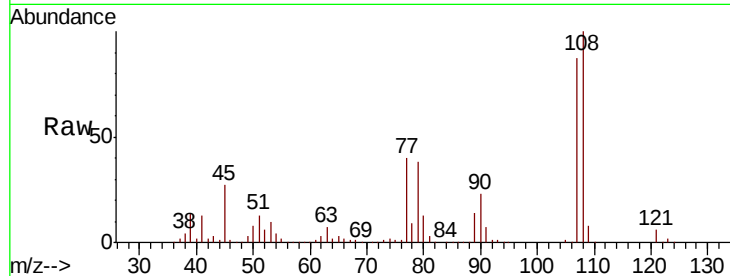
#17
2-Methylphenol
Concen: 43.141 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	107	Resp	650724
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	45.7	33.4	50.2
79	43.8	32.3	48.5

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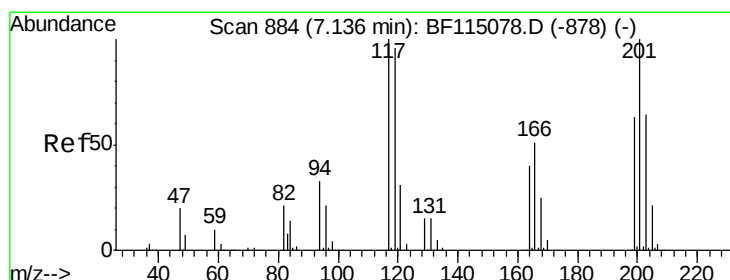
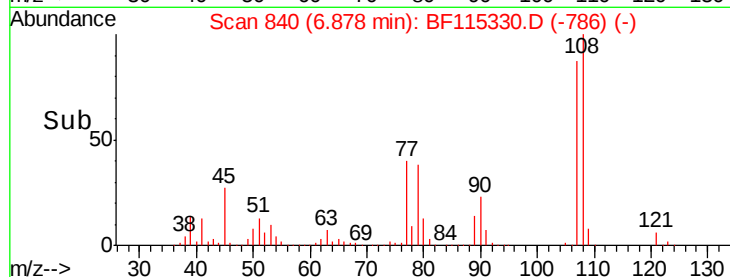
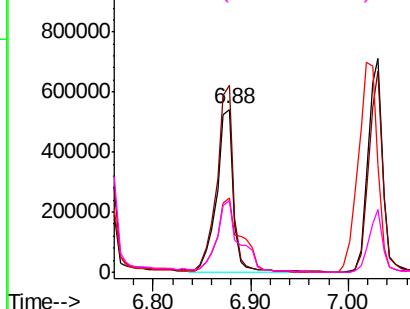
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.258 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

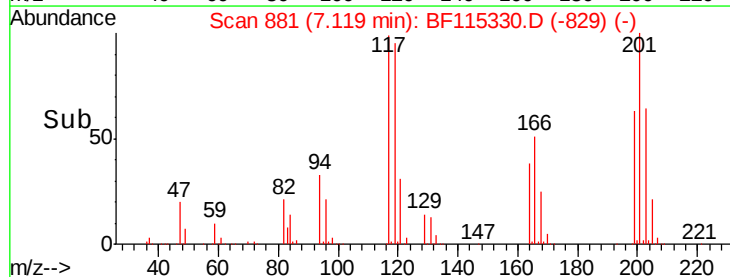
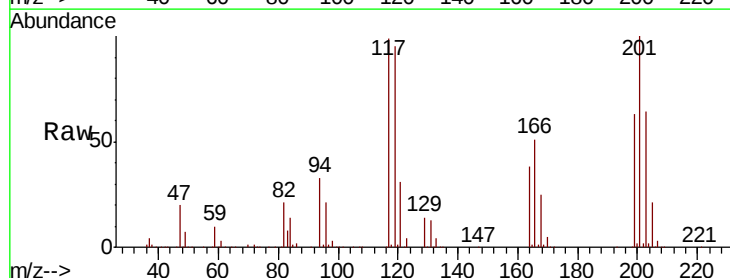
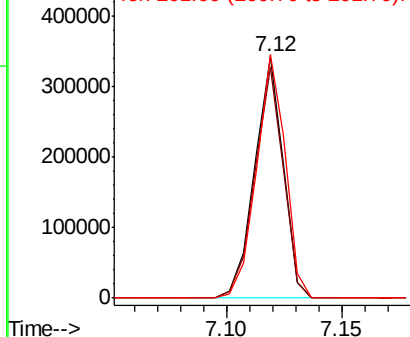
Tgt Ion	117	Resp	295164
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	100.9	80.2	120.2

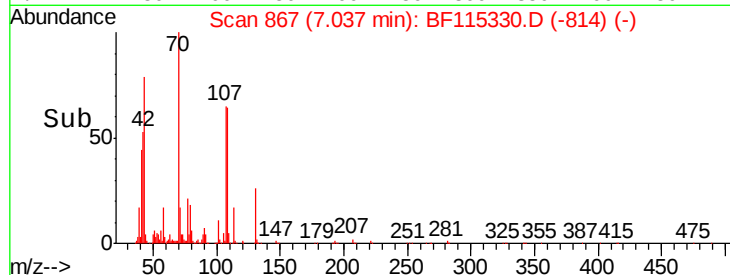
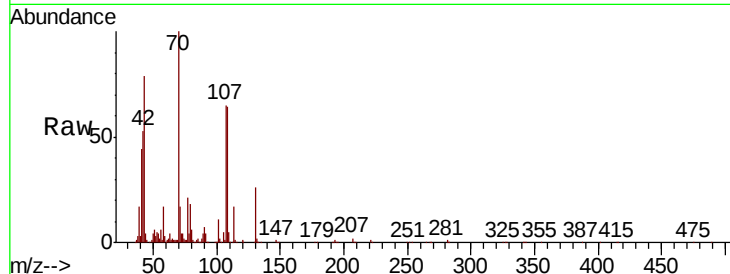
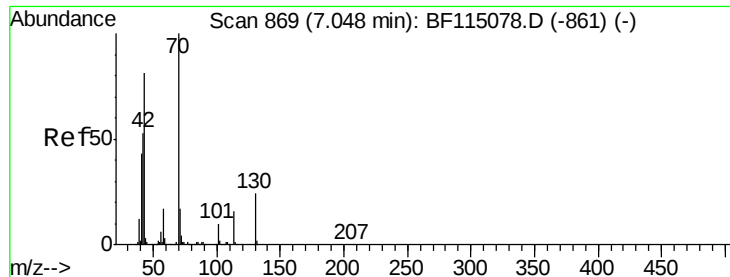
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





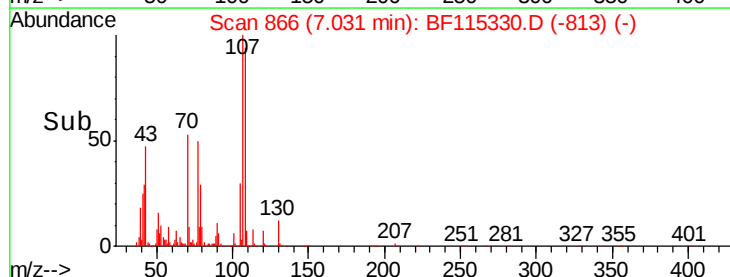
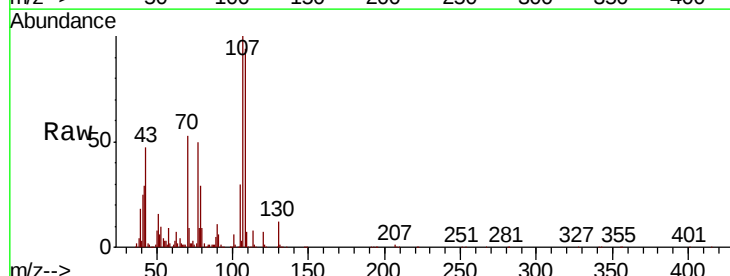
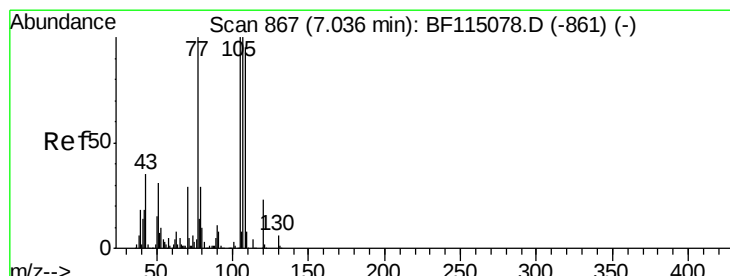
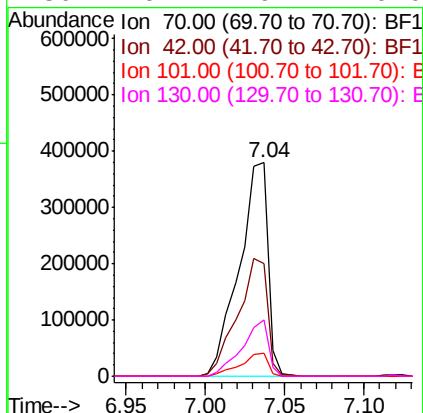
#19
n-Nitroso-di-n-propylamine
Concen: 37.857 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	42.6	63.8
101	10.5	8.0	12.0
130	26.1	19.4	29.0

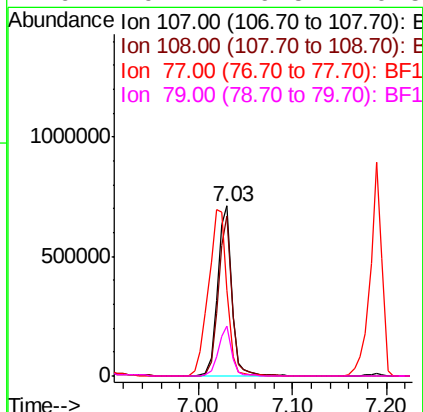
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#20
3+4-Methylphenols
Concen: 42.785 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	75.5	115.5
77	50.2	80.2	120.2#
79	29.2	9.5	49.5





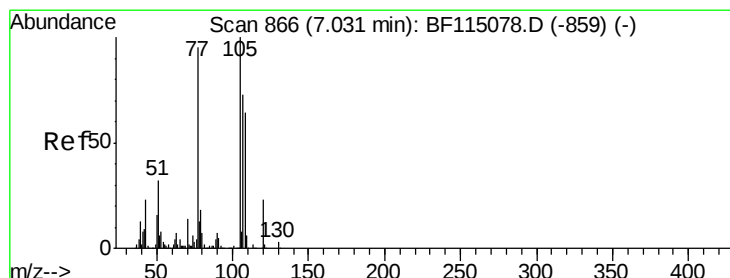
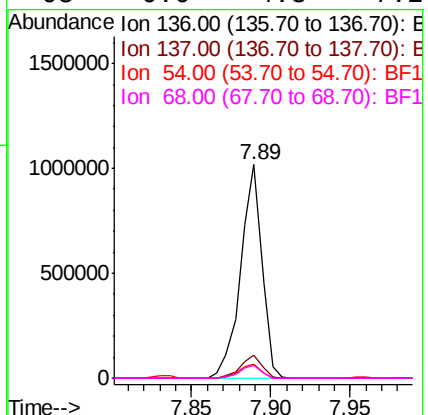
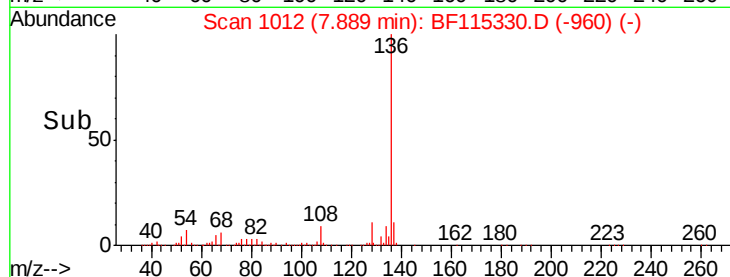
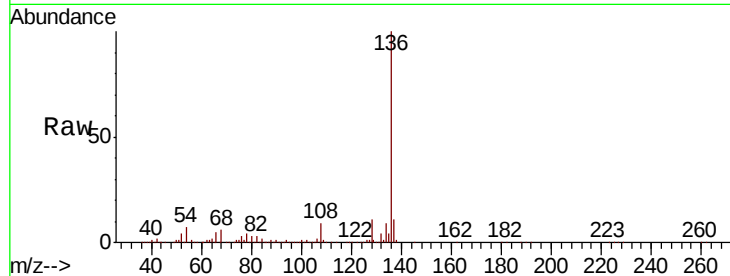
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	943741		
137	11.1	8.9	13.3	
54	6.8	5.6	8.4	
68	6.0	4.8	7.2	

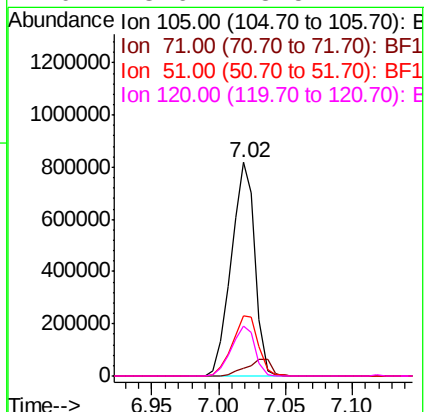
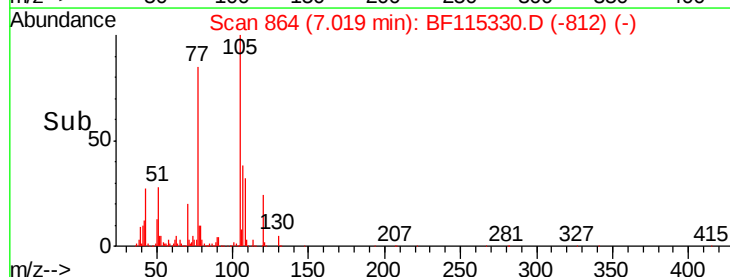
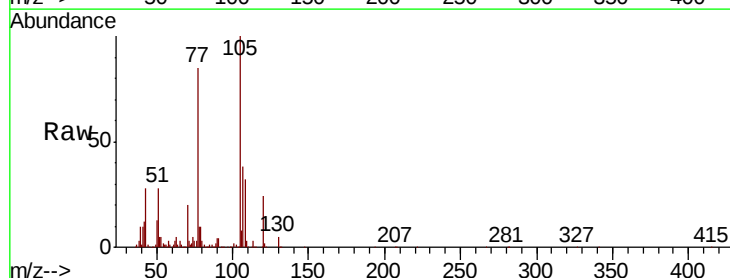
Manual Integrations
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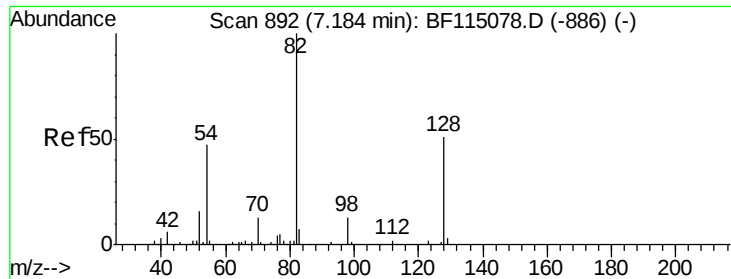
mohammad
7/2/2019 2:53:25 PM



#22
Acetophenone
Concen: 46.905 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1013392		
71	3.3	1.9	2.9#	
51	28.3	25.8	38.8	
120	23.6	18.5	27.7	





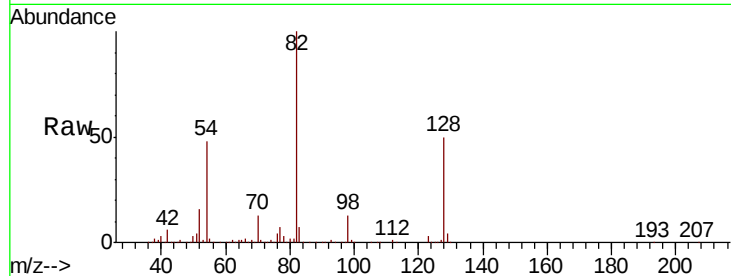
#23
Nitrobenzene-d5
Concen: 93.929 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	82	Resp	1441011
Ion Ratio	100	Lower	Upper
82	100		
128	50.4	40.4	60.6
54	47.8	37.5	56.3

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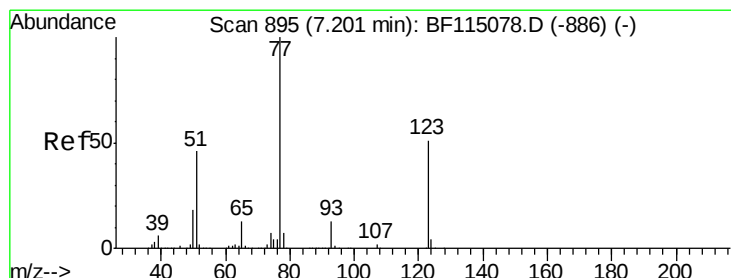
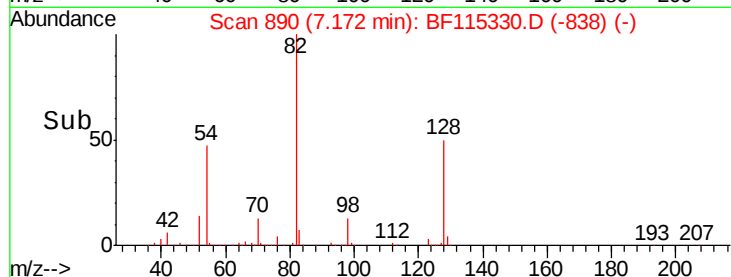
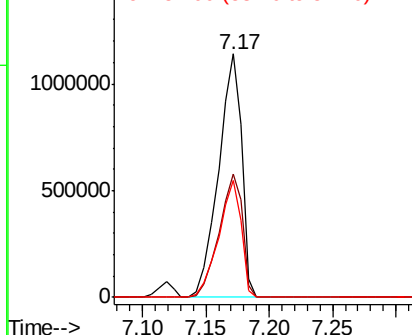


Abundance

Ion 82.00 (81.70 to 82.70): BF1

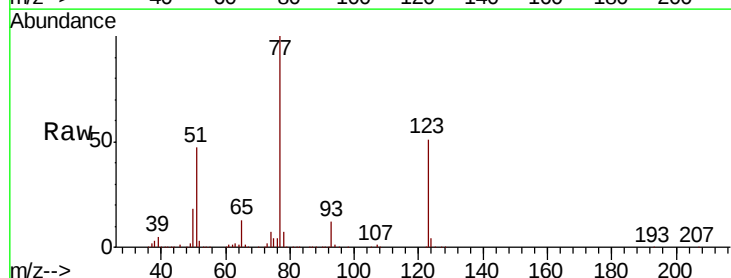
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 45.457 ng
RT: 7.19 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	77	Resp	768290
Ion Ratio	100	Lower	Upper
77	100		
123	51.0	41.0	61.6
65	13.3	10.5	15.7

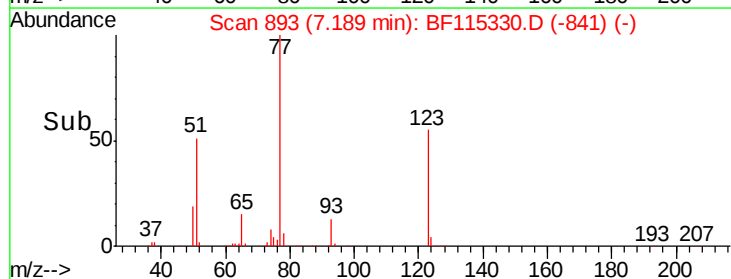
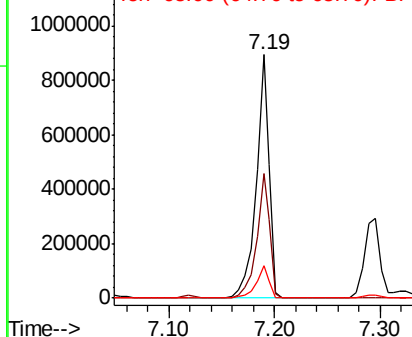


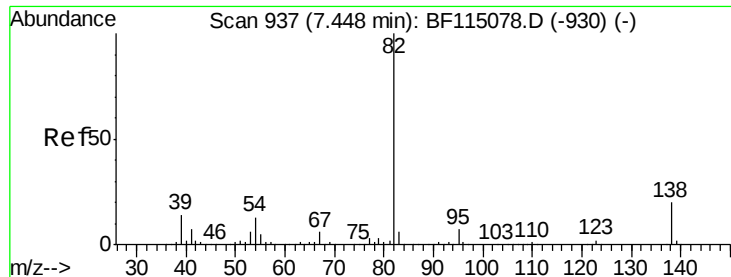
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





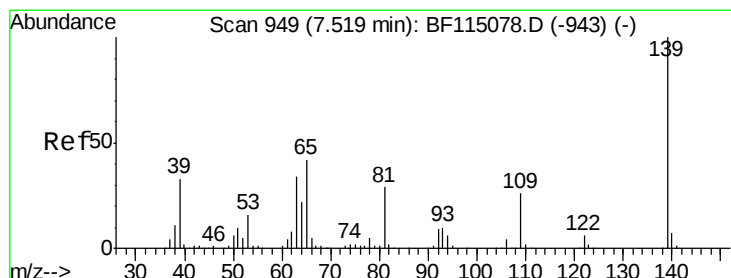
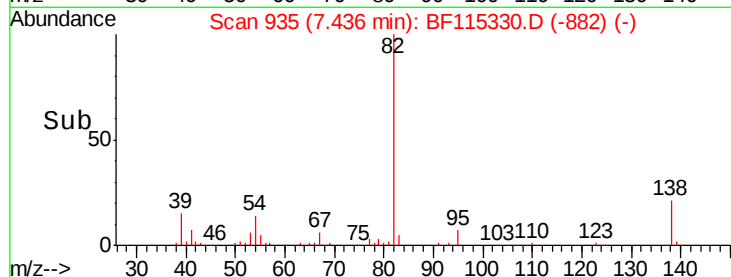
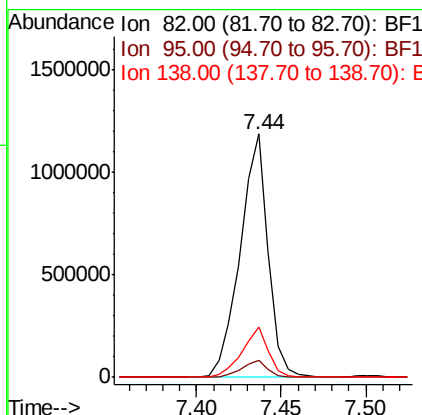
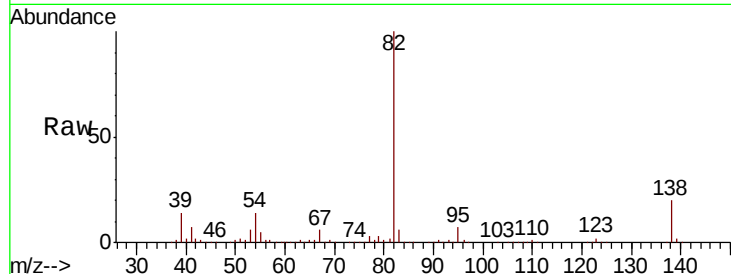
#25
Isophorone
Concen: 43.734 ng
RT: 7.44 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion: 82 Resp: 1374459
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 20.5 15.9 23.9

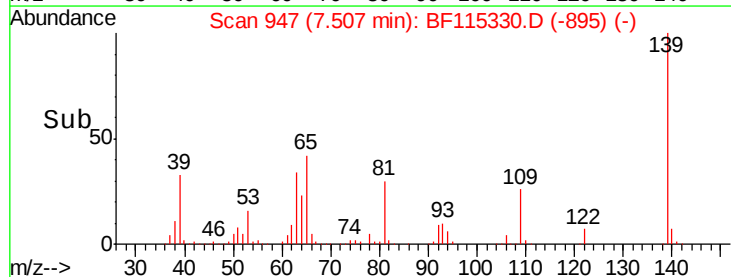
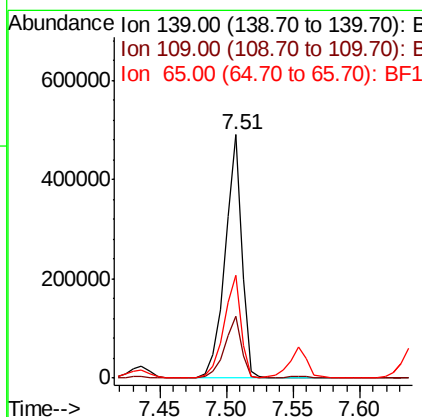
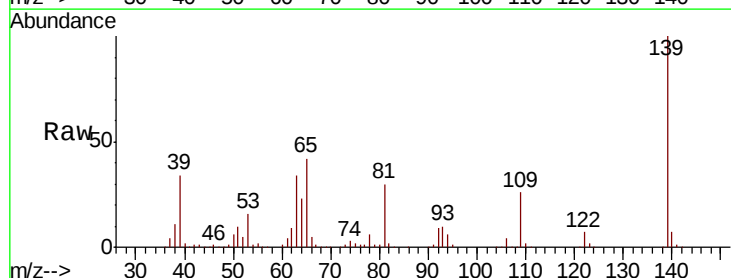
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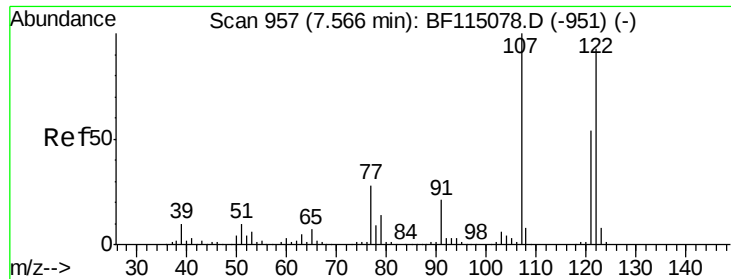
mohammad
7/2/2019 2:53:25 PM



#26
2-Nitrophenol
Concen: 52.072 ng
RT: 7.51 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion: 139 Resp: 434627
Ion Ratio Lower Upper
139 100
109 25.6 20.4 30.6
65 42.2 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 50.622 ng

RT: 7.55 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

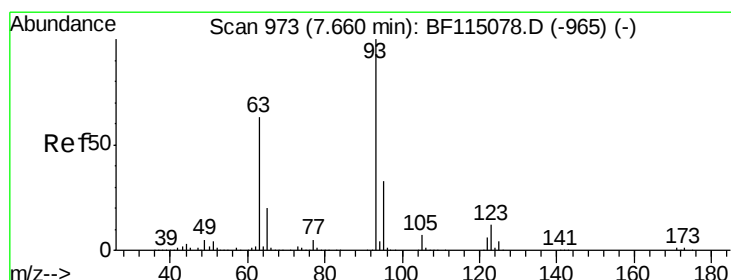
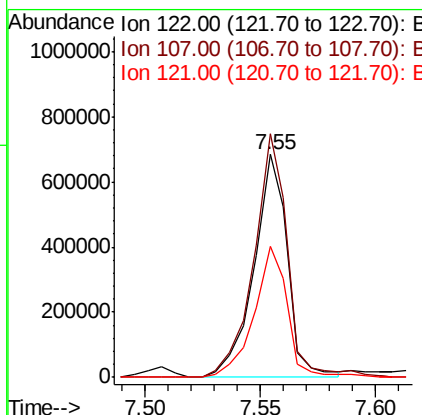
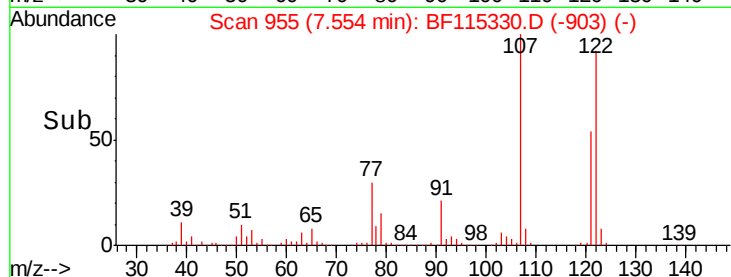
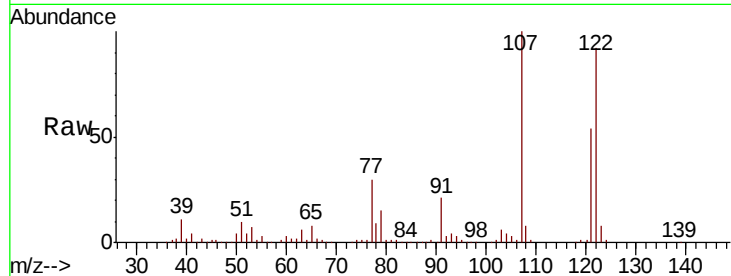
ClientSampleId :

PB121041BS

Tot Ion:	122	Resp:	691793
Ion Ratio	Lower	Upper	
122	100		
107	109.3	85.8	128.6
121	59.0	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.249 ng

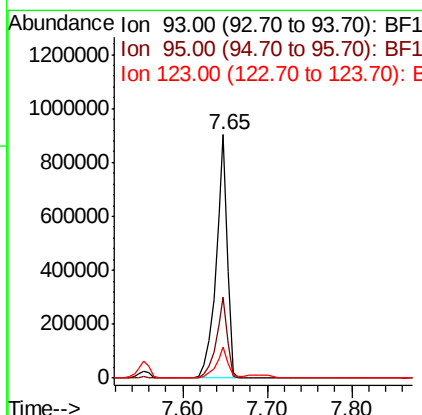
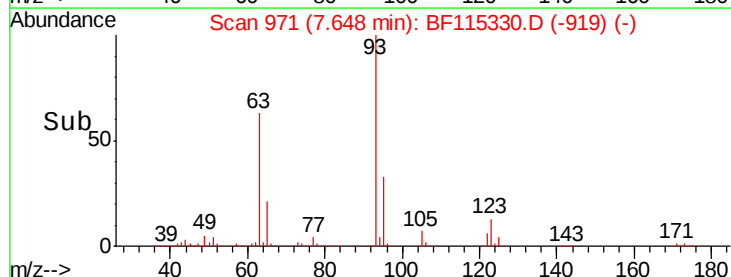
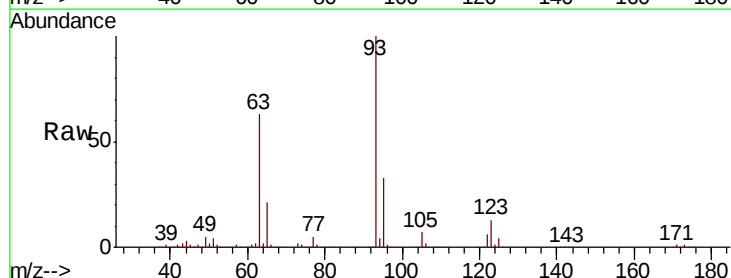
RT: 7.65 min Scan# 971

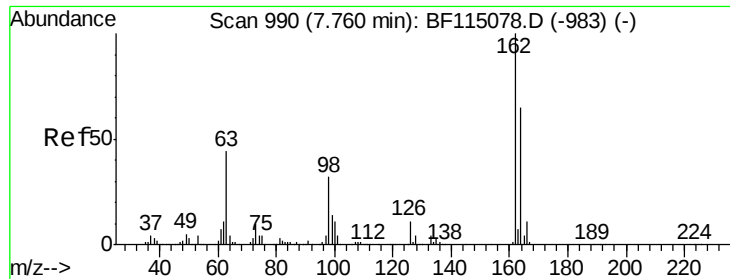
Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Tgt Ion:	93	Resp:	859086
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.2	39.4
123	12.5	9.7	14.5





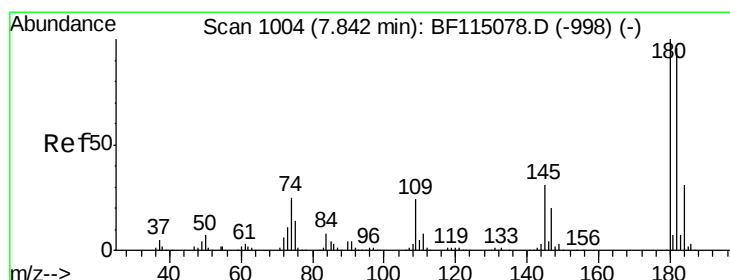
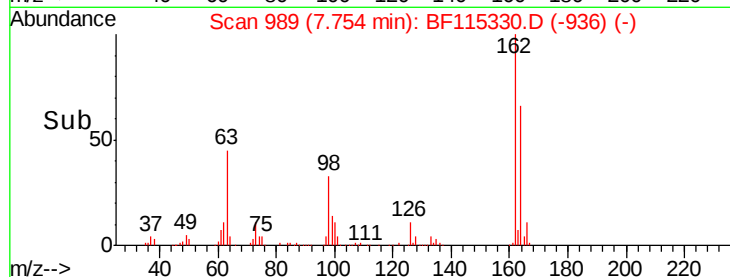
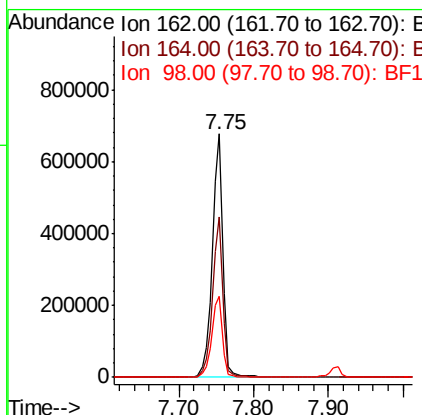
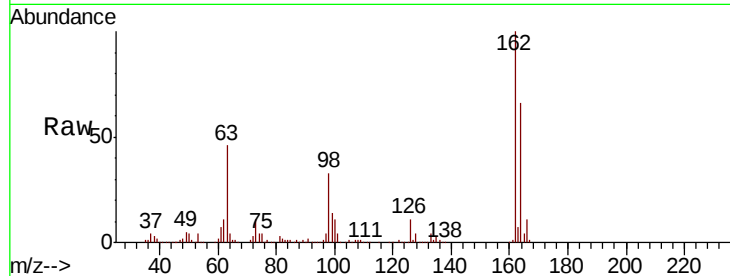
#29
2,4-Dichlorophenol
Concen: 46.740 ng
RT: 7.75 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	659179		
164	65.7		45.3	85.3
98	33.2		12.5	52.5

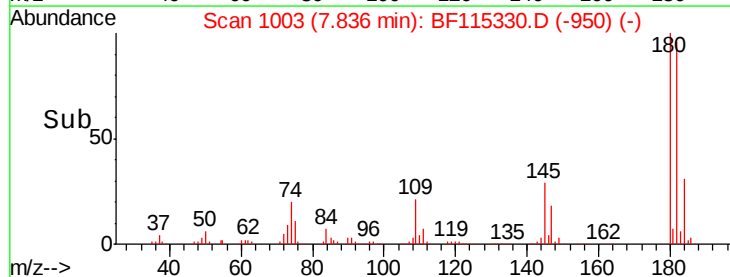
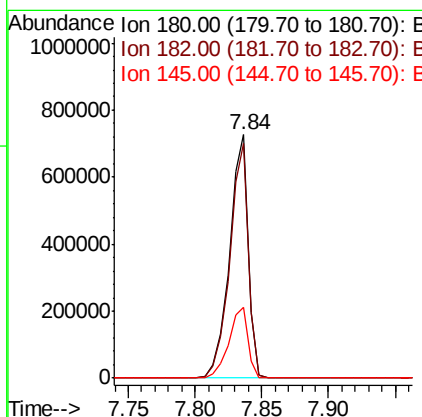
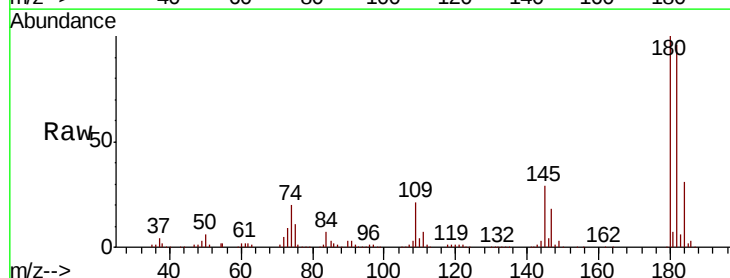
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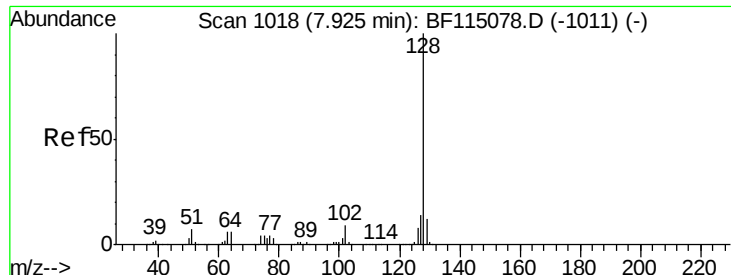
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.174 ng
RT: 7.84 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	719307		
182	96.4		76.4	114.6
145	29.3		24.8	37.2





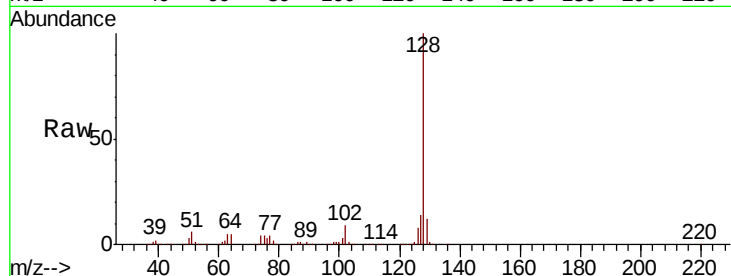
#31
Naphthalene
Concen: 46.139 ng
RT: 7.91 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	14.2	11.4	17.0

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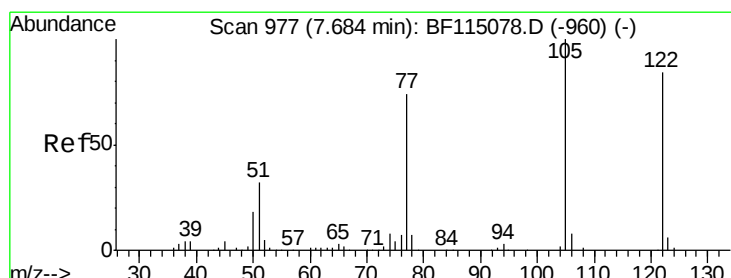
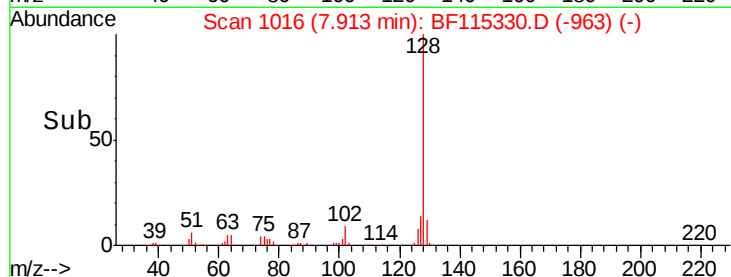
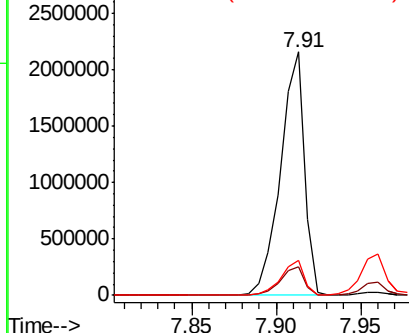


Abundance

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: 50.294 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.04 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

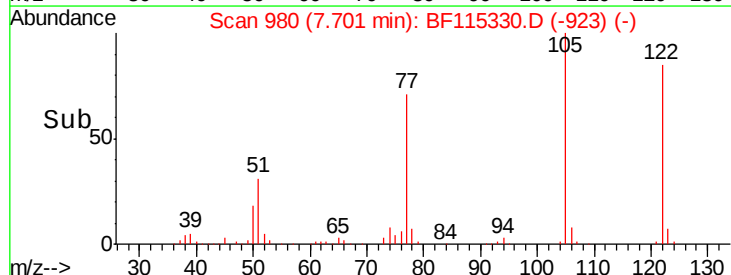
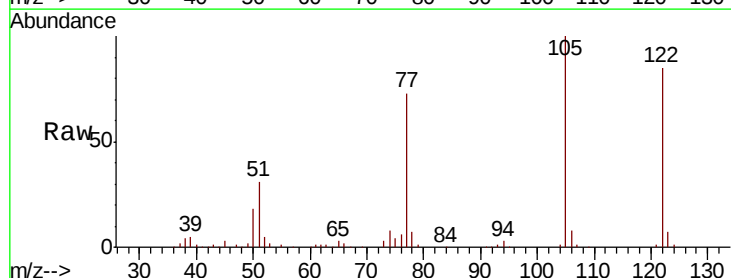
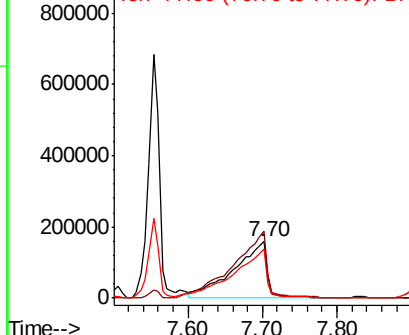
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	98.2	138.2
77	86.0	67.0	107.0

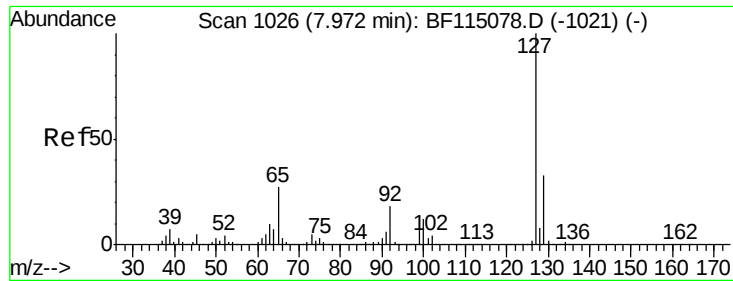
Abundance

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





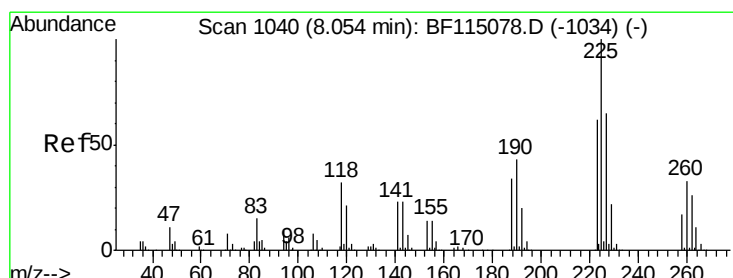
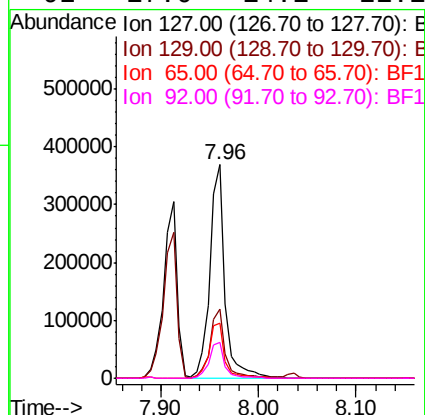
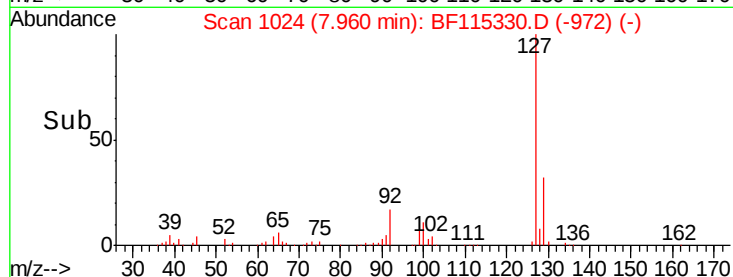
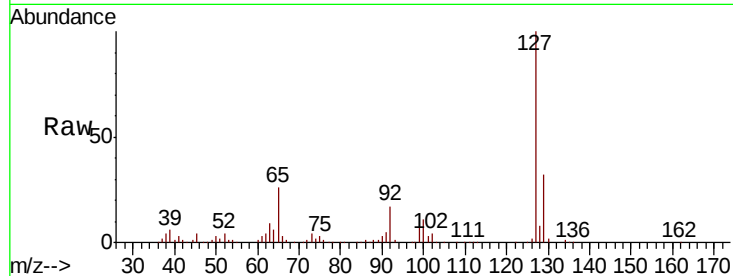
#33
4-Chloroaniline
Concen: 18.668 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		395241		
129	32.3	26.1	39.1		
65	25.5	21.4	32.2		
92	17.0	14.1	21.1		

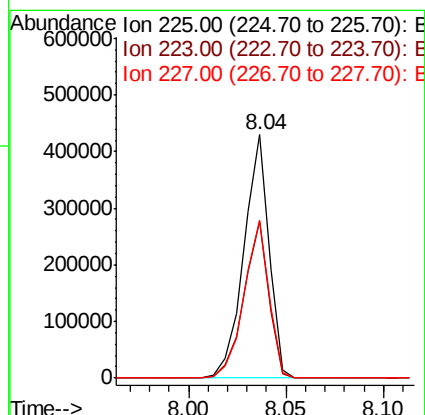
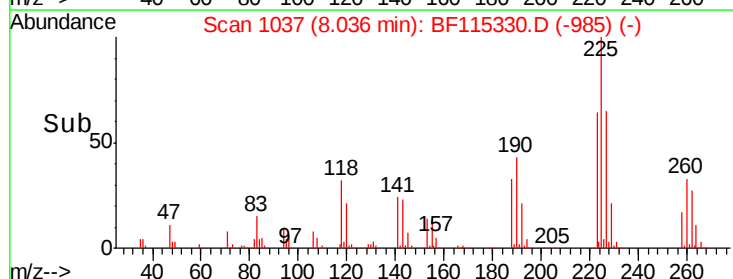
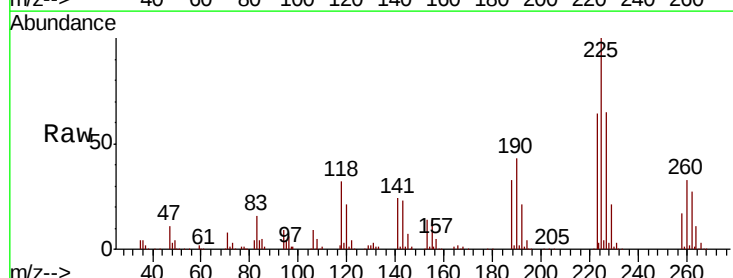
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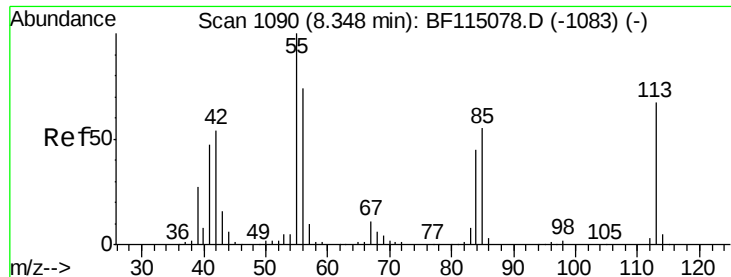
mohammad
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#34
Hexachlorobutadiene
Concen: 44.987 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		384043		
223	64.1	49.4	74.2		
227	64.9	51.8	77.8		





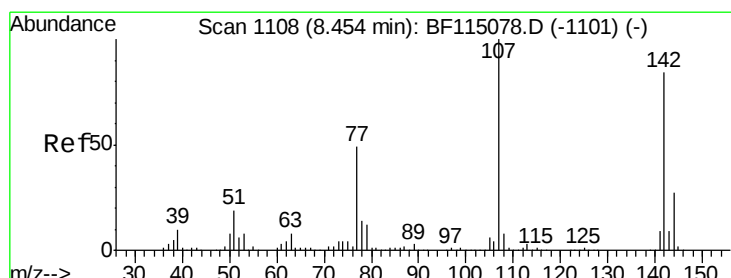
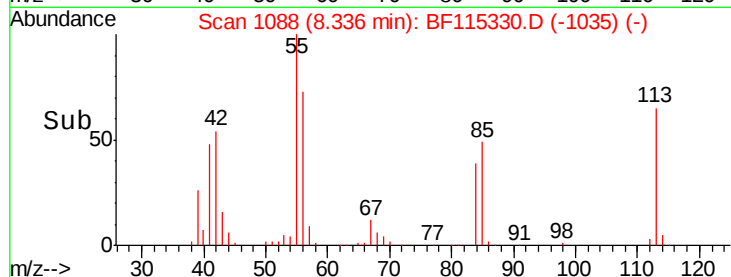
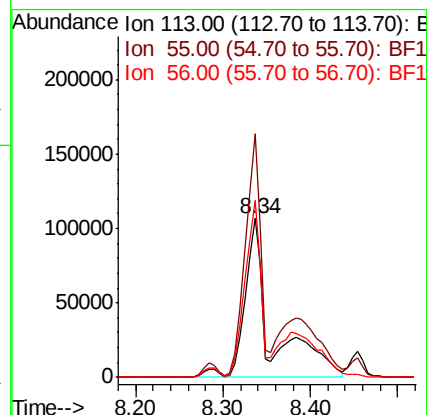
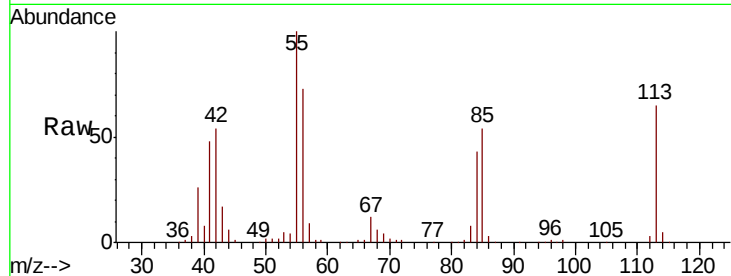
#35
Caprolactam
Concen: 47.397 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.6	130.2	170.2
56	111.8	91.6	131.6

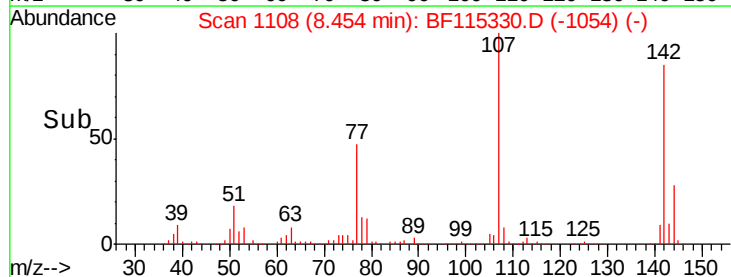
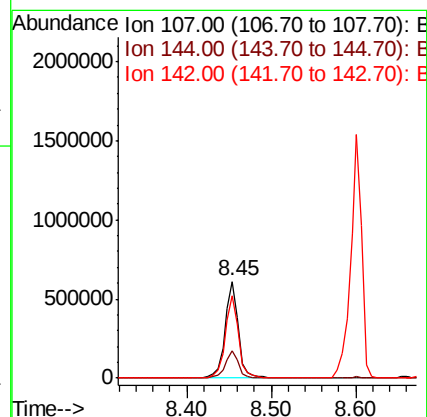
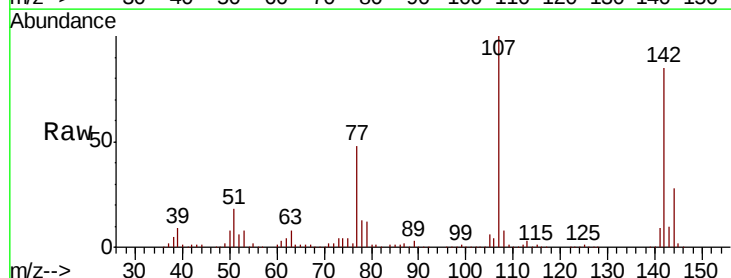
Manual Integrations
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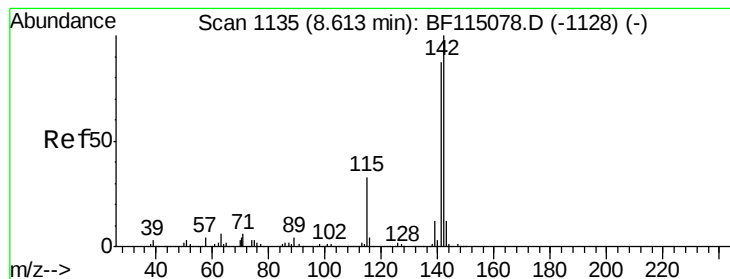
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.272 ng/ml
RT: 8.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	21.7	32.5
142	85.2	67.0	100.4





#37

2-Methylnaphthalene

Concen: 46.263 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion:142 Resp: 1445054

Ion Ratio Lower Upper

142 100

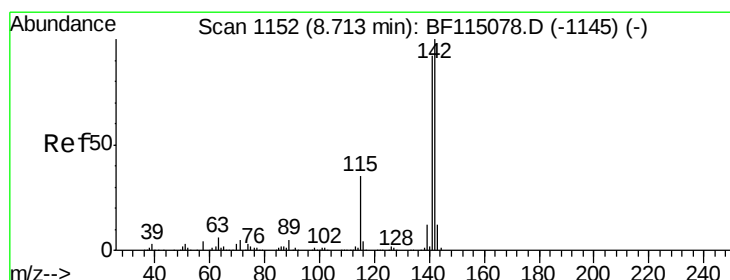
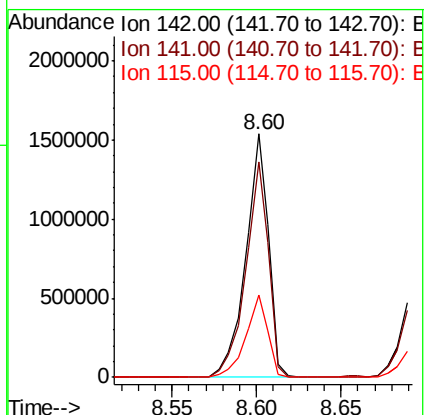
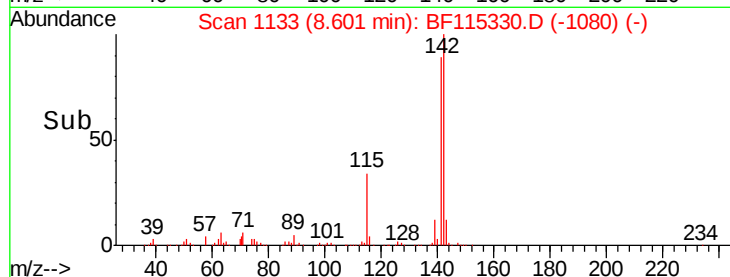
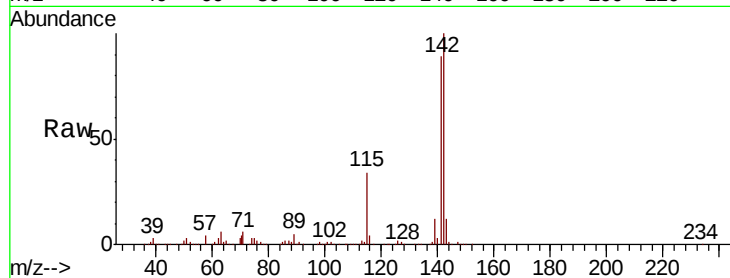
141 88.7 69.8 104.6

115 33.6 26.7 40.1

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#38

1-Methylnaphthalene

Concen: 45.506 ng

RT: 8.70 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

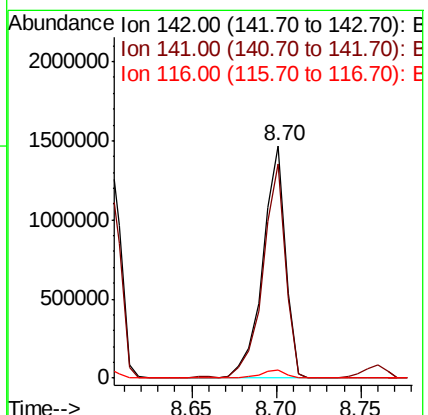
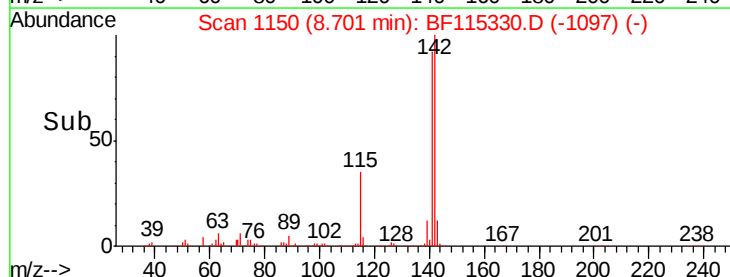
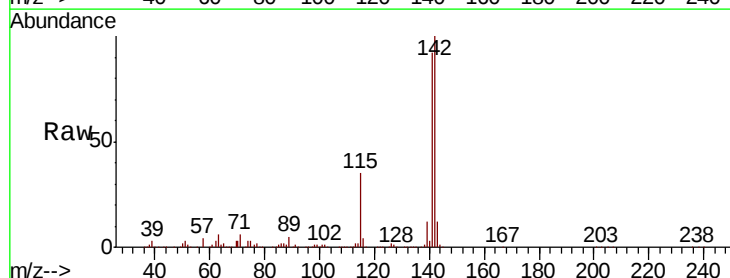
Tgt Ion:142 Resp: 1357522

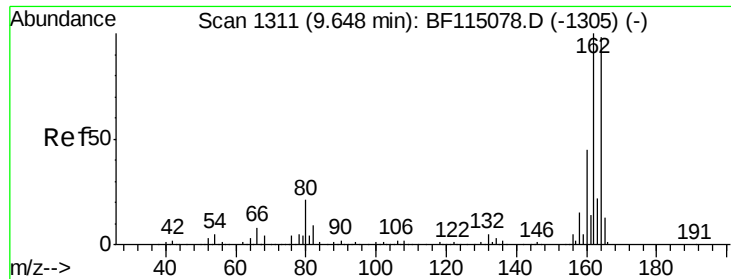
Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.8

116 3.7 2.8 4.2





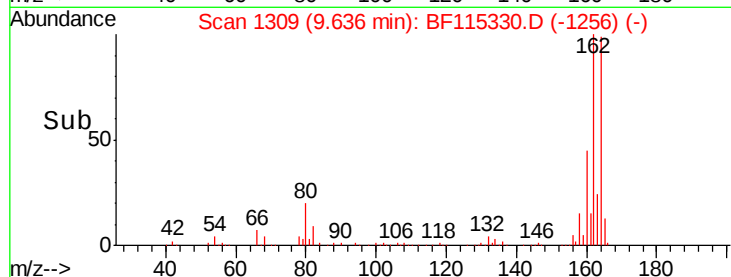
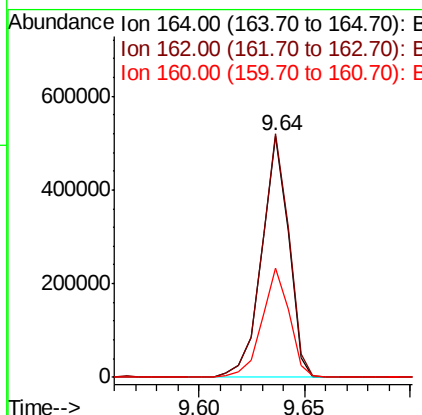
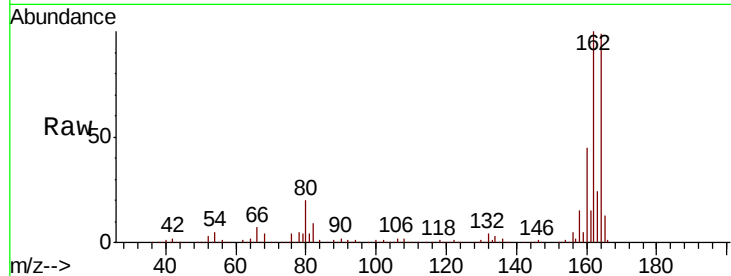
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.7	122.5
160	45.2	37.0	55.4

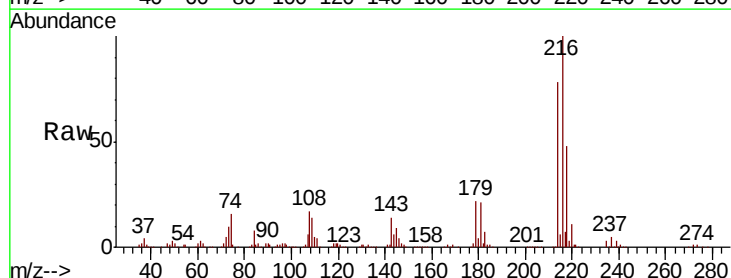
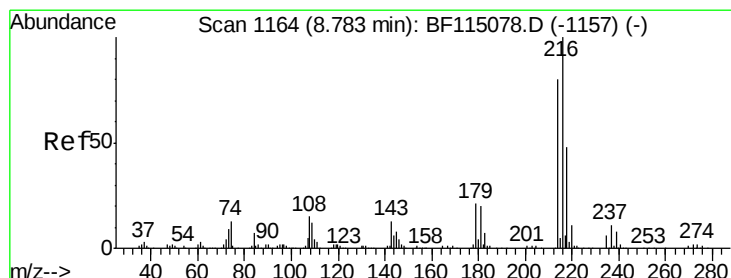
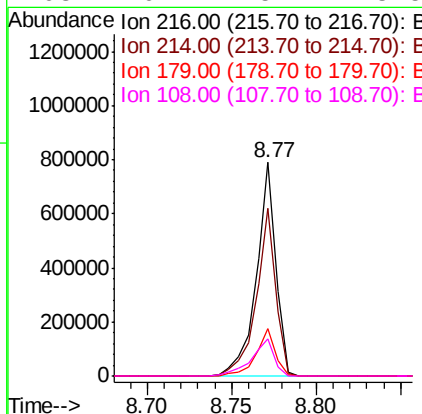
Manual Integrations
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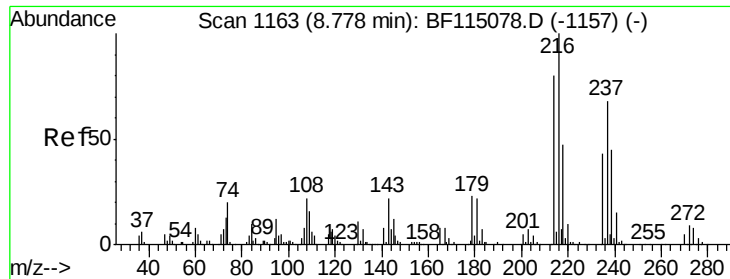
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.619 ng
RT: 8.77 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	22.0	17.6	26.4
108	20.1	15.7	23.5





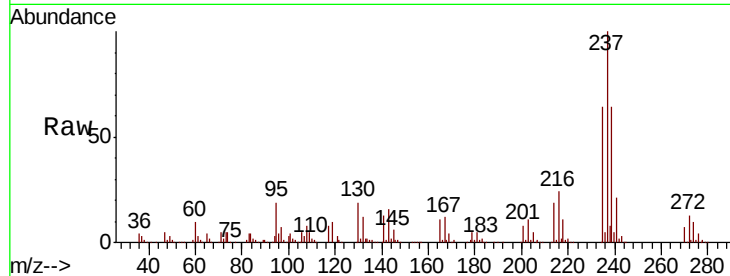
#41
Hexachlorocyclopentadiene
Concen: 82.072 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

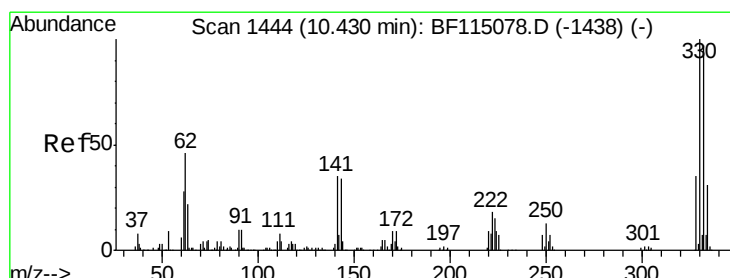
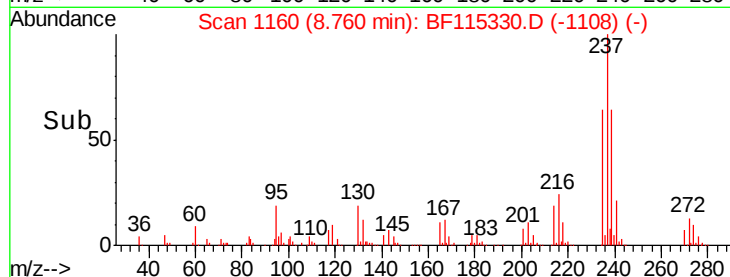
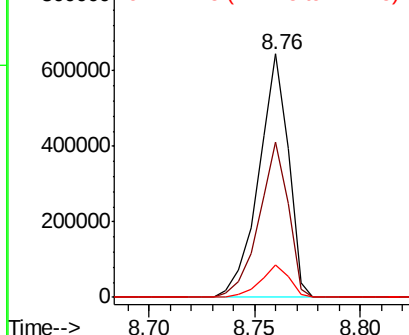
Tot Ion	Ratio	Resp	Lower	Upper
237	100	629126		
235	63.9	43.9	83.9	
272	13.1	0.0	33.8	

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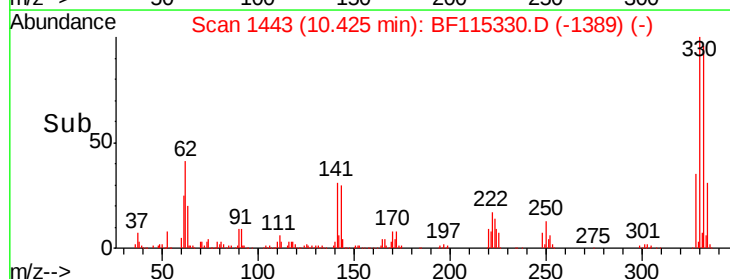
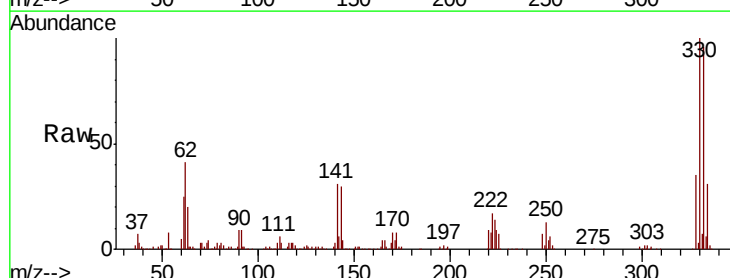
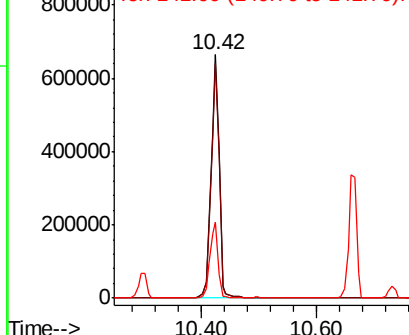
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 137.593 ng
RT: 10.42 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	663786		
332	96.3	77.3	115.9	
141	31.7	28.2	42.2	

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





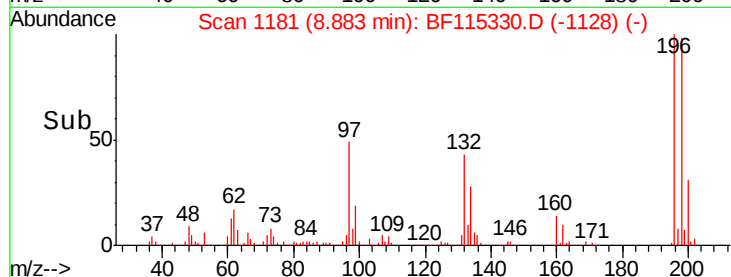
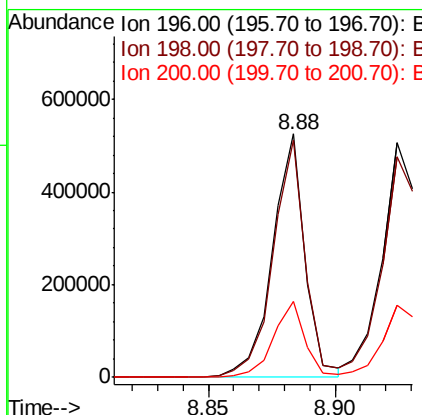
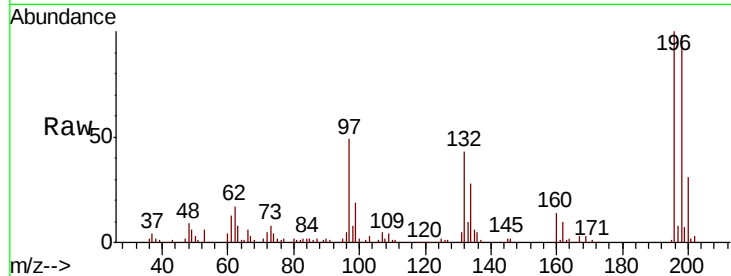
#43
 2,4,6-Trichlorophenol
 Concen: 47.338 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	472452		
198	97.6	76.3	114.5	
200	31.2	24.2	36.4	

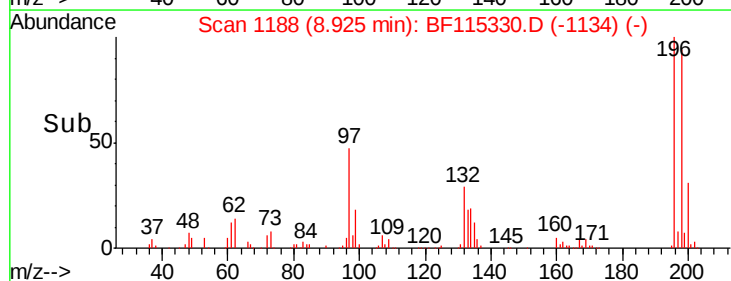
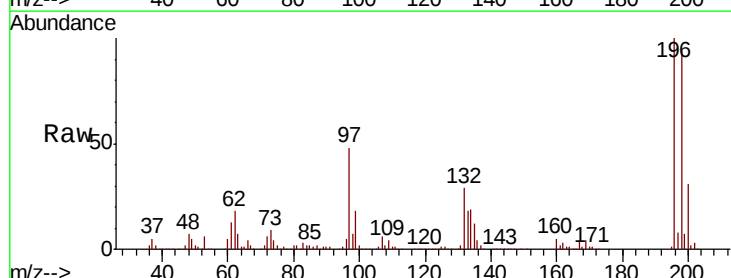
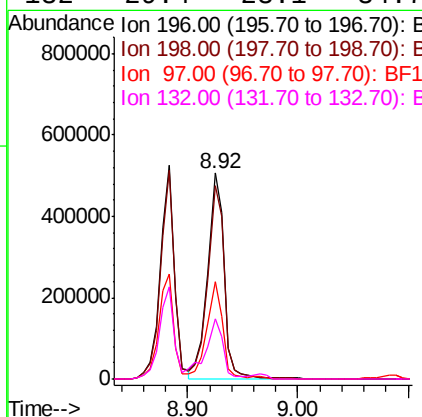
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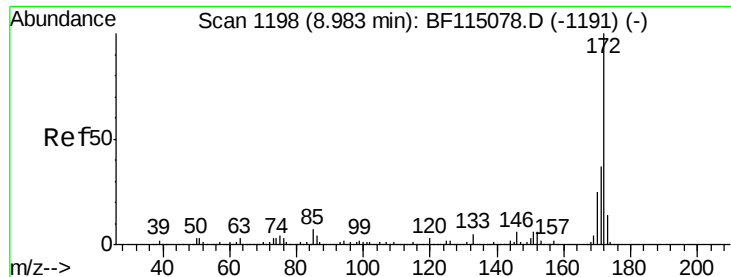
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.517 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	508940		
198	94.1	77.1	115.7	
97	47.5	37.7	56.5	
132	29.4	23.1	34.7	





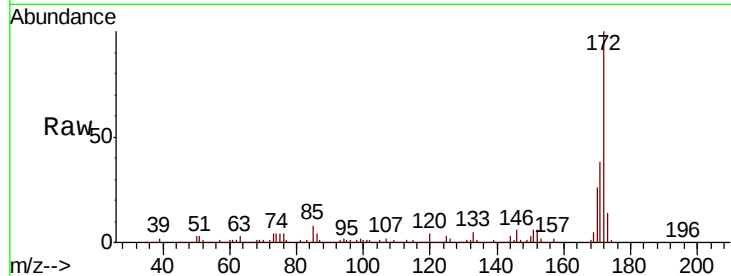
#45
2-Fluorobiphenyl
Concen: 94.787 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

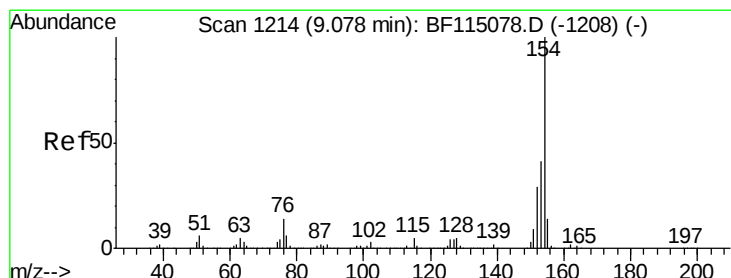
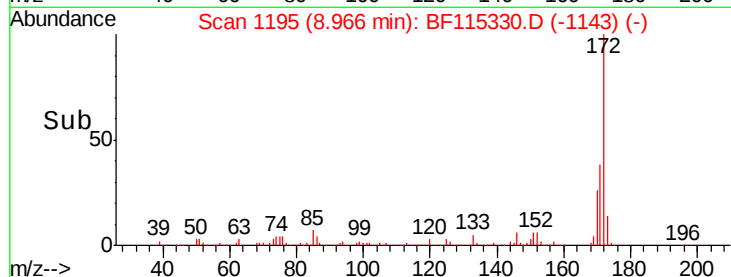
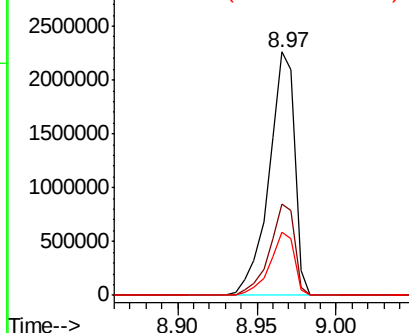
Tot Ion:172 Resp: 2552819
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 25.7 20.3 30.5

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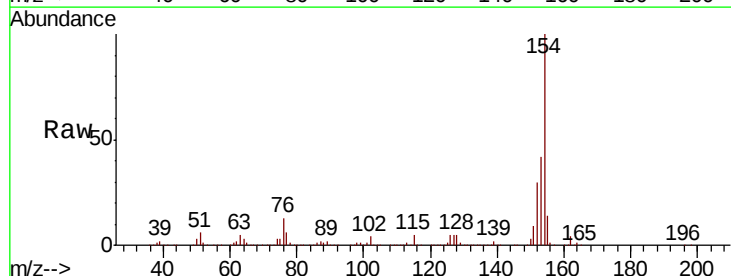


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

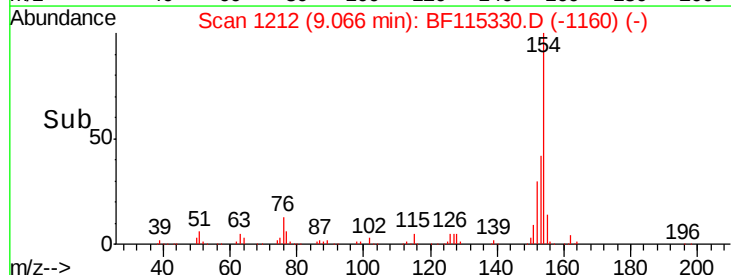
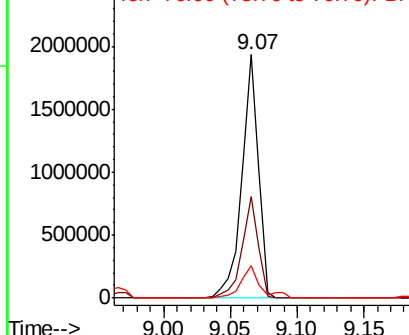


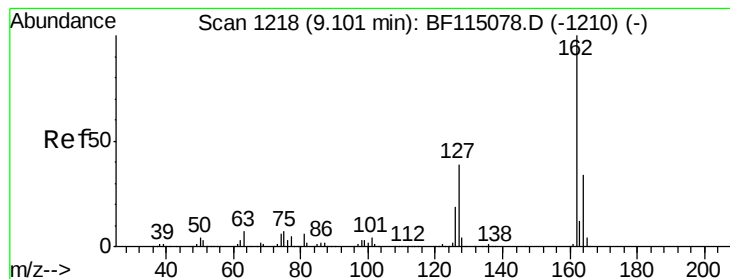
#46
1,1'-Biphenyl
Concen: 45.574 ng
RT: 9.07 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion:154 Resp: 1668234
Ion Ratio Lower Upper
154 100
153 41.8 20.9 60.9
76 13.4 0.0 34.1



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: 45.300 ng

RT: 9.09 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion:162 Resp: 1345043

Ion Ratio Lower Upper

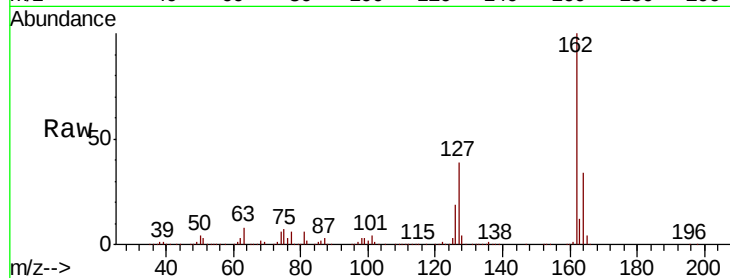
162 100

127 39.2 30.8 46.2

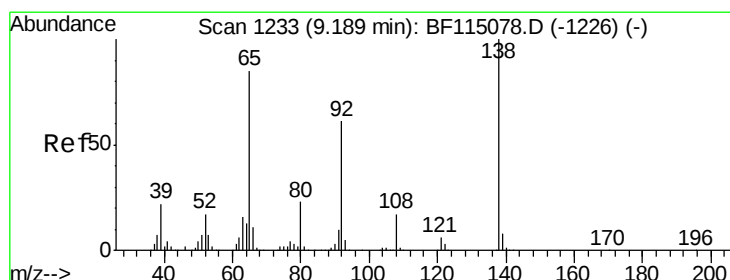
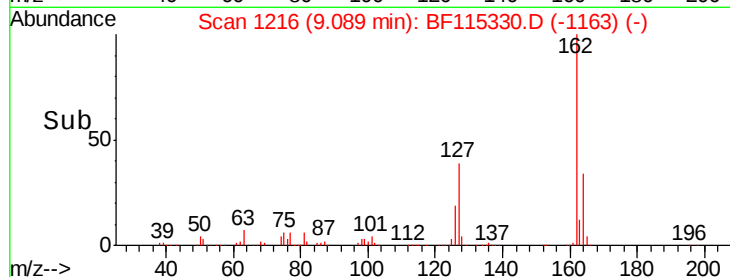
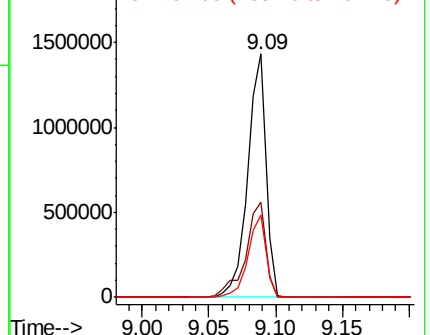
164 34.0 27.0 40.4

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.343 ng

RT: 9.18 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

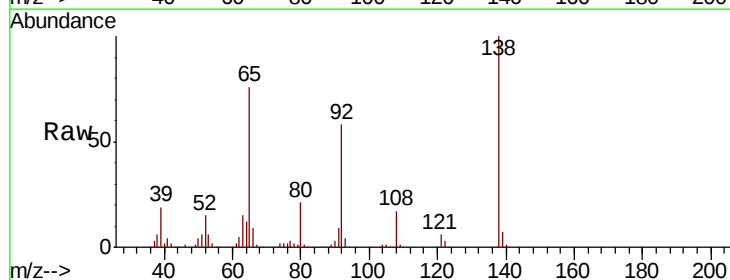
Tgt Ion: 65 Resp: 409825

Ion Ratio Lower Upper

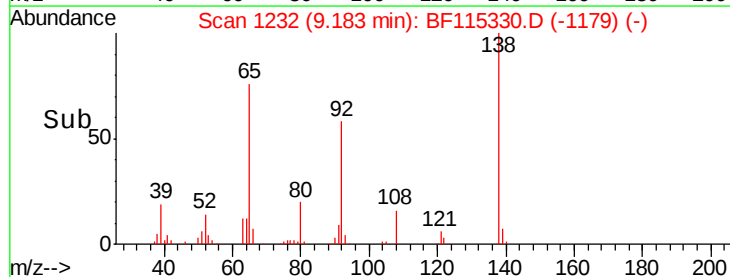
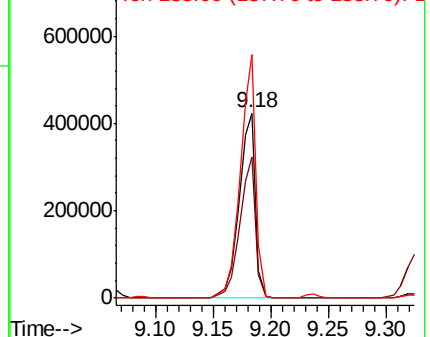
65 100

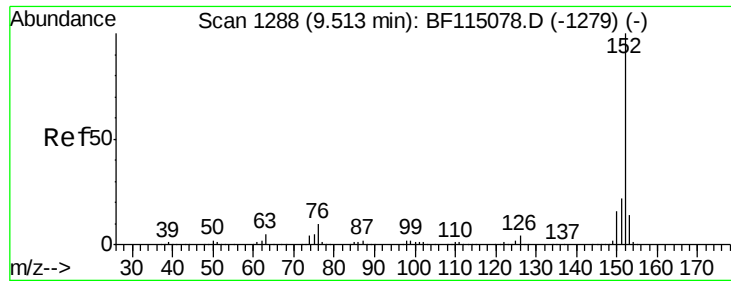
92 76.4 57.4 86.2

138 131.7 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





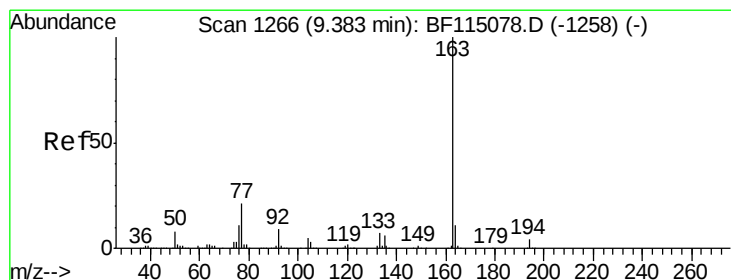
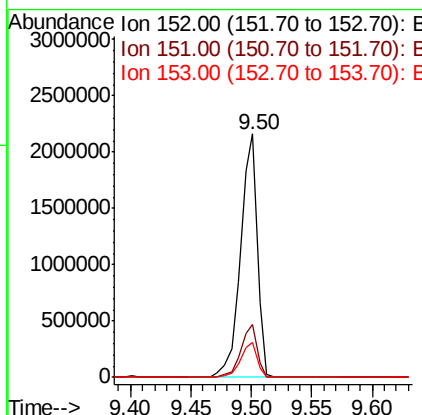
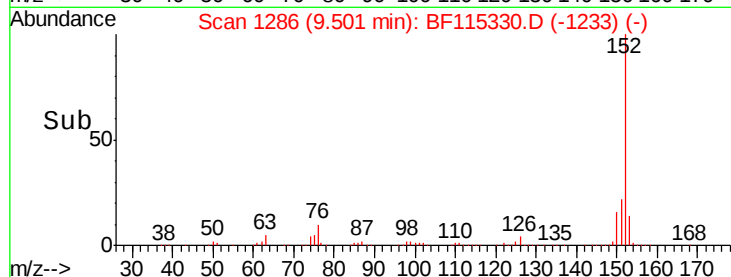
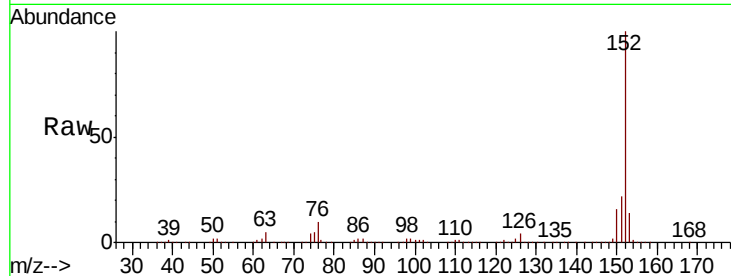
#49
Acenaphthylene
Concen: 45.421 ng
RT: 9.50 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	14.1	11.0	16.6

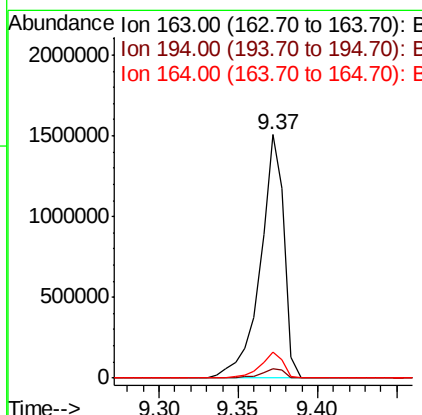
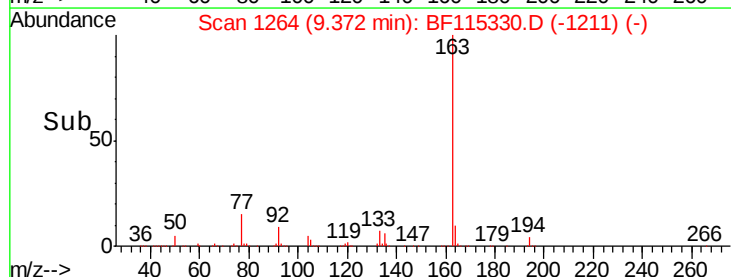
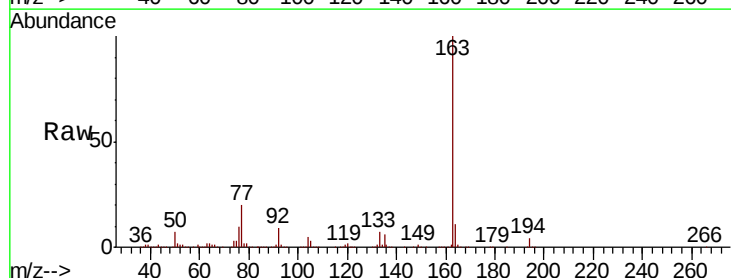
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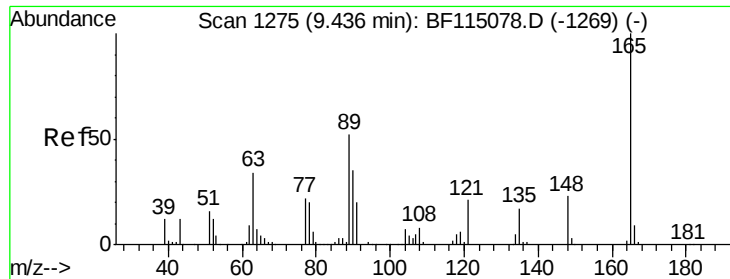
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#50
Dimethylphthalate
Concen: 46.586 ng
RT: 9.37 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	8.6	13.0





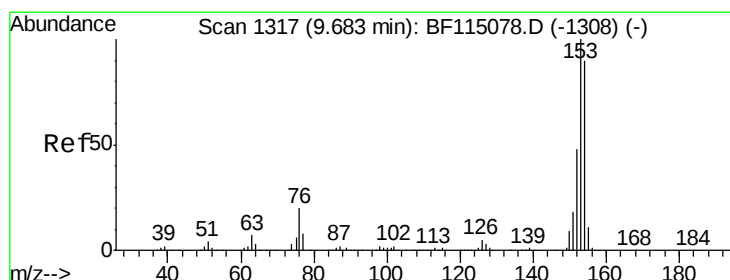
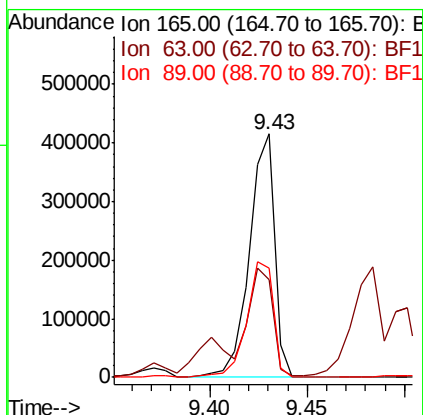
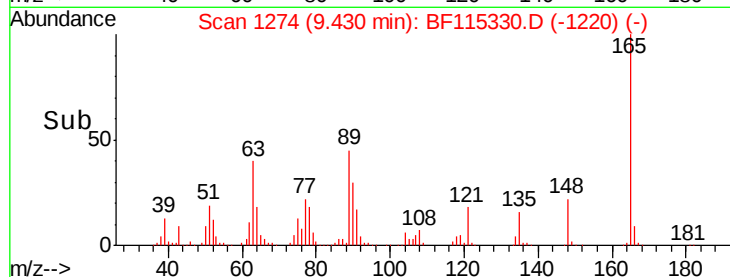
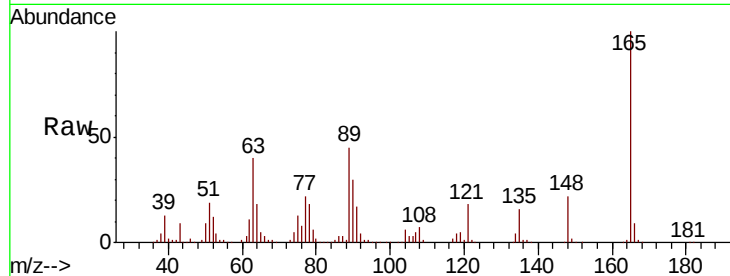
#51
2,6-Dinitrotoluene
Concen: 48.078 ng
RT: 9.43 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	39.4	59.2
89	44.7	42.0	63.0

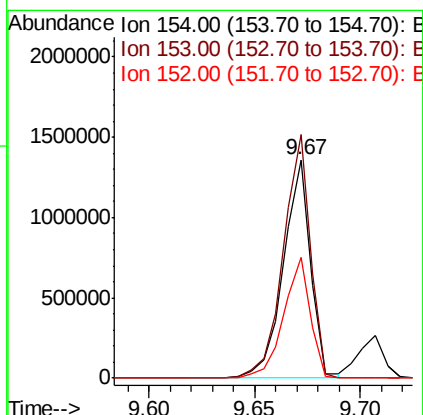
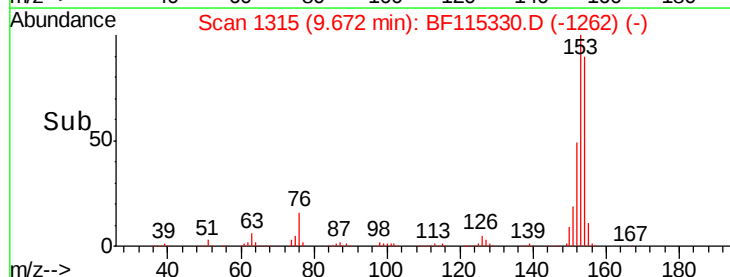
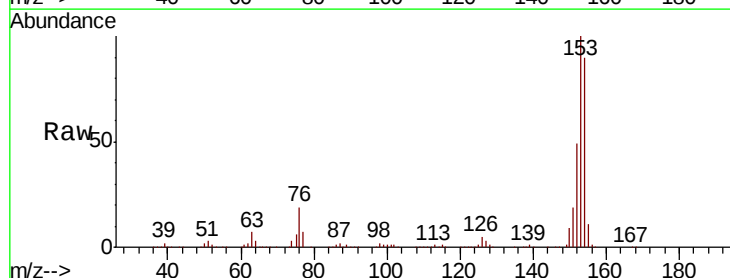
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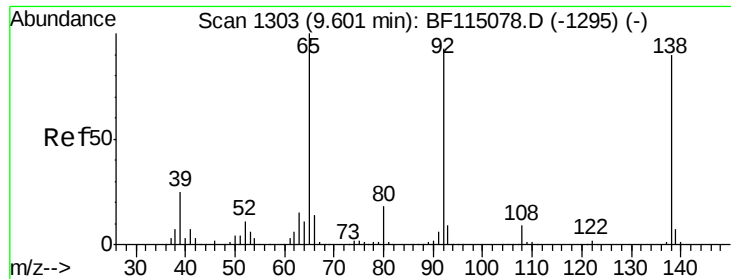
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#52
Acenaphthene
Concen: 42.150 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.7	133.1
152	55.1	42.6	64.0





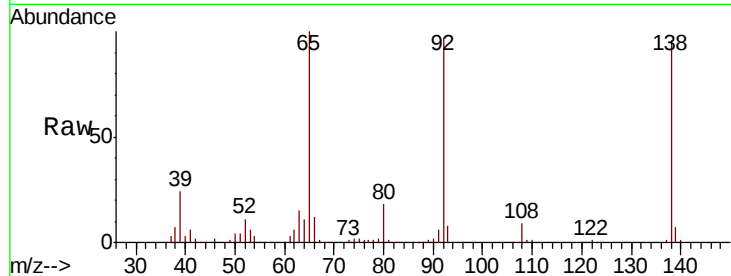
#53
3-Nitroaniline
Concen: 26.984 ng
RT: 9.59 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

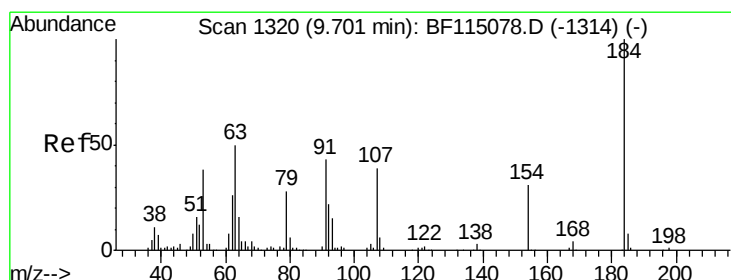
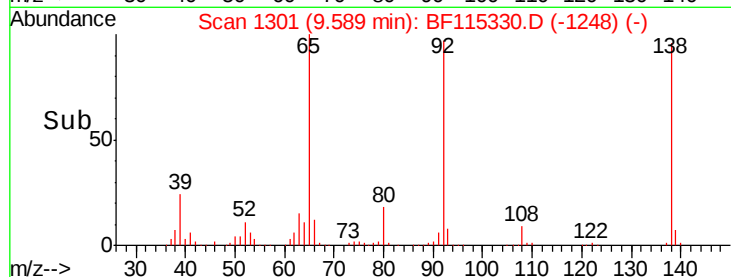
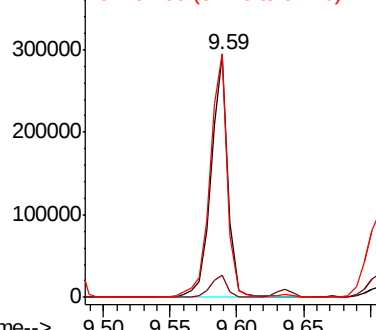
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.8	11.6
92	100.5	82.9	124.3

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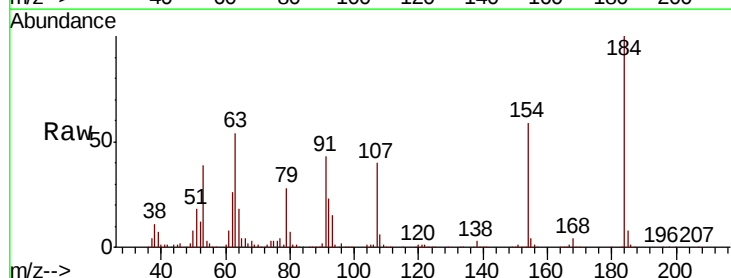


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

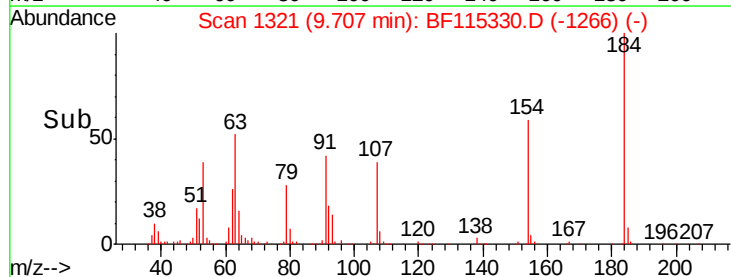
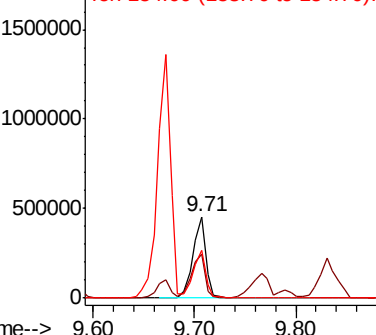


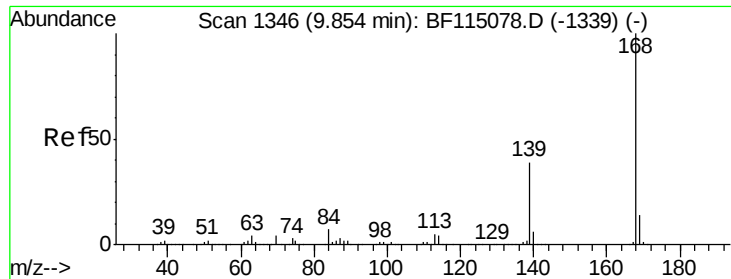
#54
2,4-Dinitrophenol
Concen: 99.865 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.9	41.9	62.9
154	58.6	44.7	67.1



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





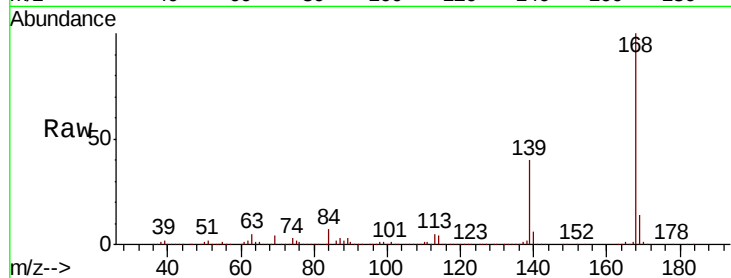
#55
Dibenzofuran
Concen: 43.634 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	14.5	11.3	16.9

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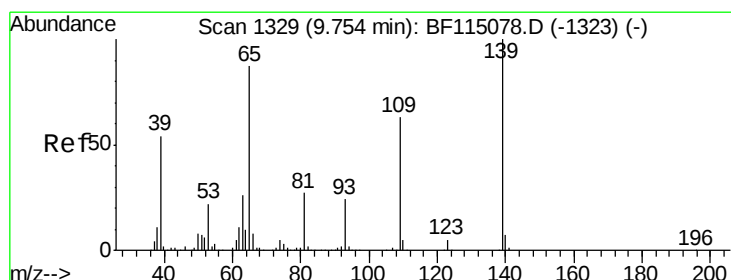
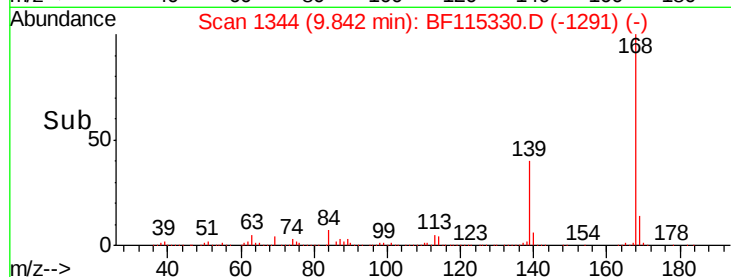
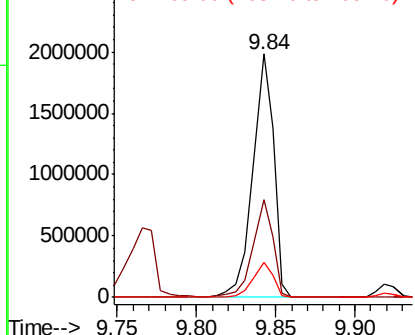


Abundance

Ion 168.00 (167.70 to 168.70): E

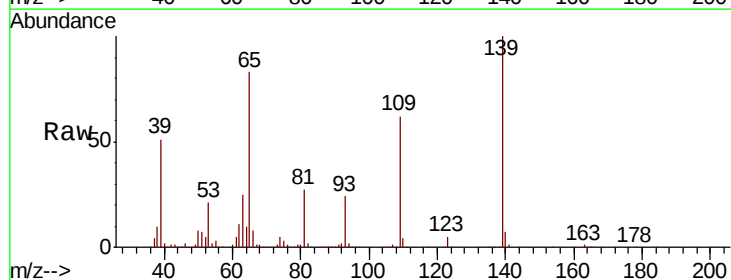
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.588 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.03 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.0	83.0
65	82.7	67.0	107.0

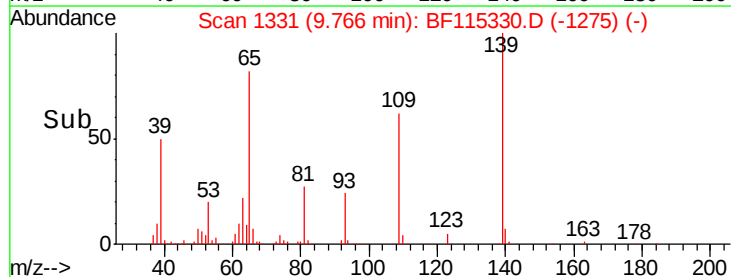
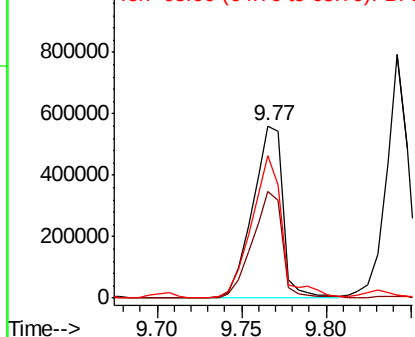


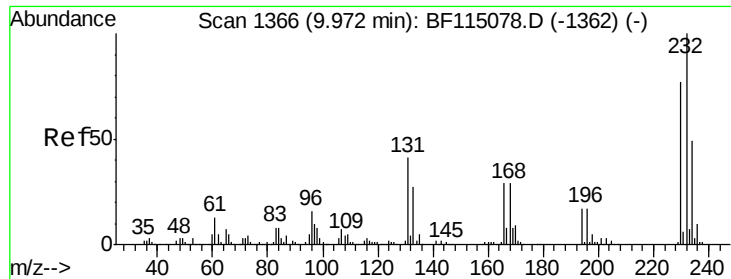
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





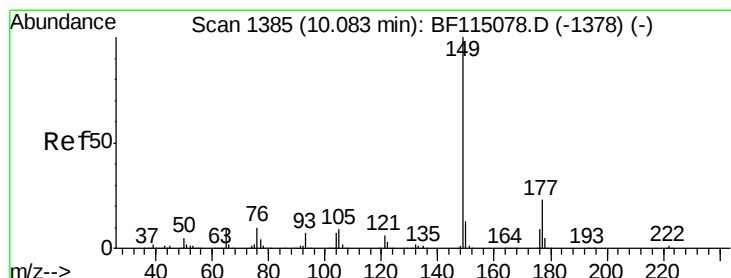
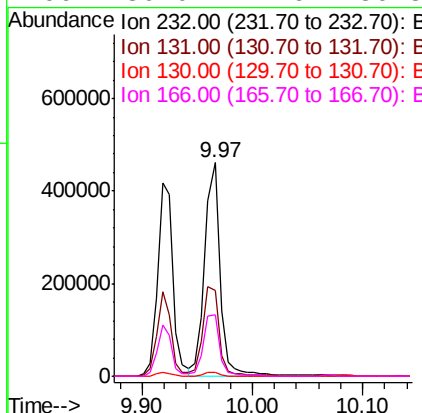
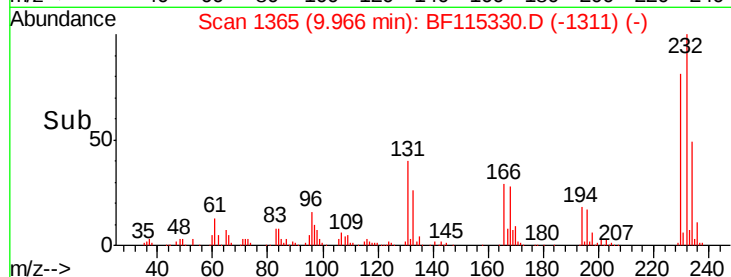
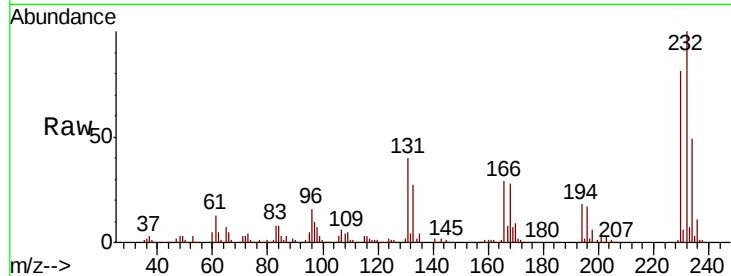
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.265 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.02 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BS

Tot Ion:	232	Resp:	433197
Ion Ratio	Lower	Upper	
232	100		
131	45.4	37.4	56.0
130	2.1	1.8	2.6
166	30.0	24.6	36.8

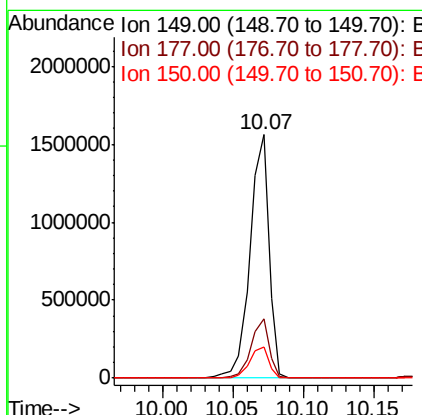
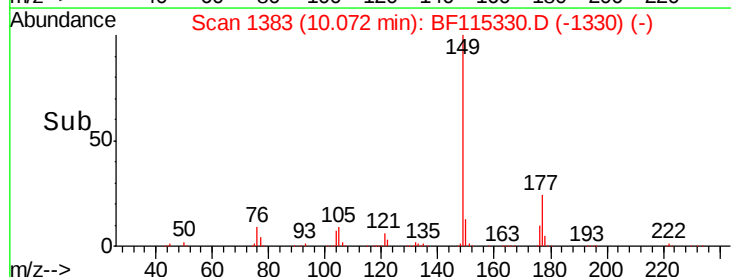
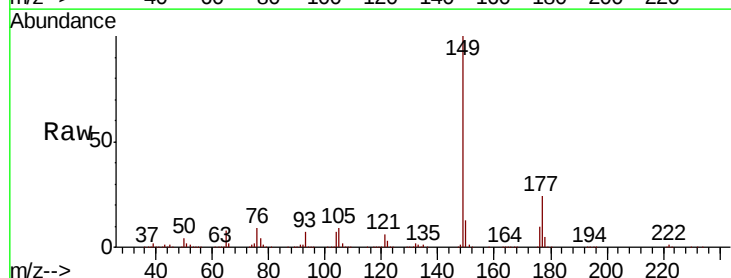
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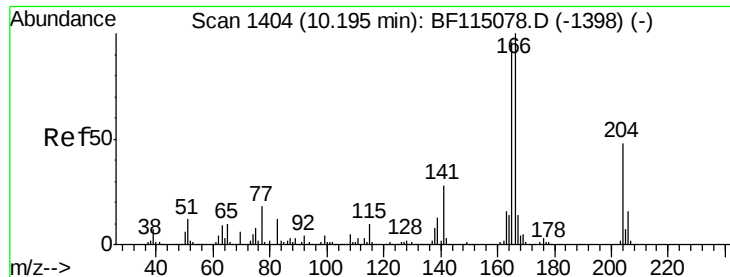
mohammad
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#60
 Diethylphthalate
 Concen: 43.666 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Tgt Ion:	149	Resp:	1477339
Ion Ratio	Lower	Upper	
149	100		
177	24.2	18.7	28.1
150	12.9	10.4	15.6





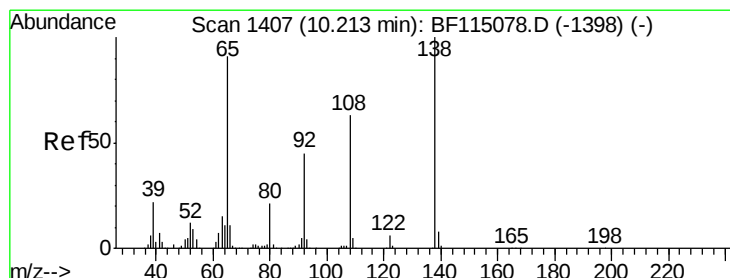
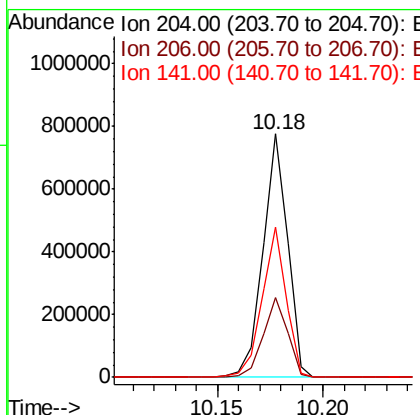
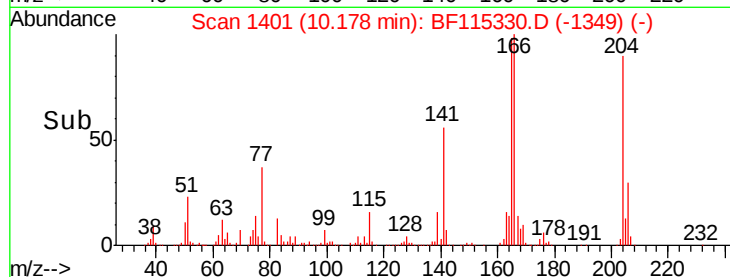
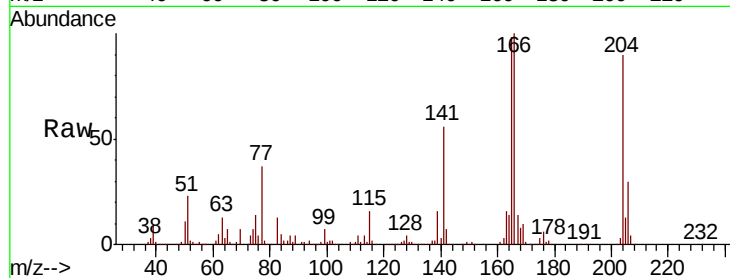
#61
4-Chlorophenyl-phenylether
Concen: 48.495 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	61.5	46.7	70.1

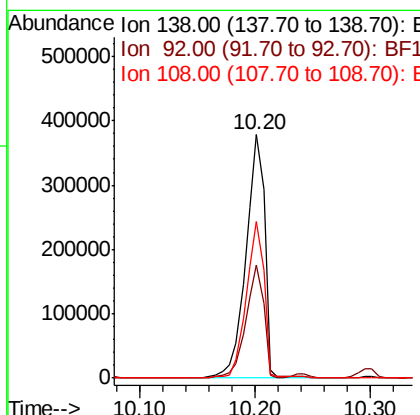
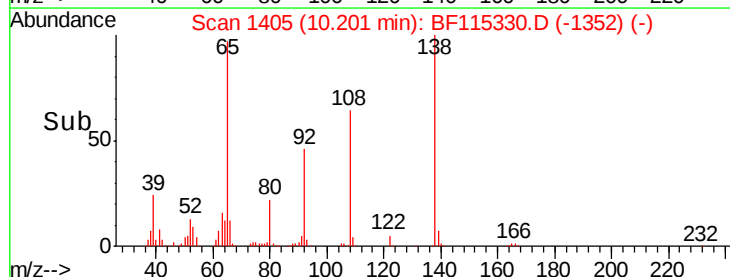
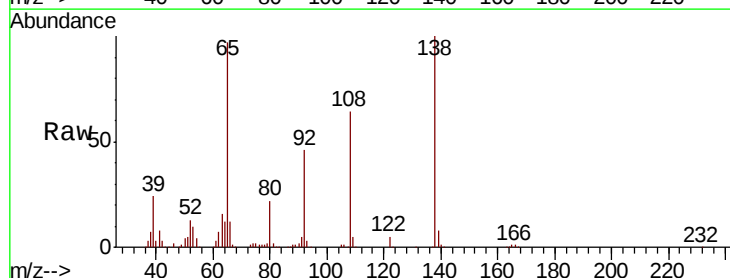
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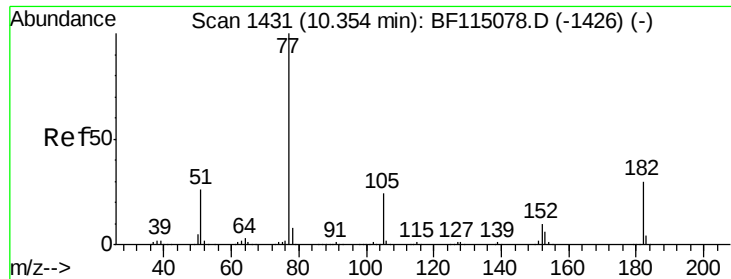
mohammad
7/2/2019 2:53:25 PM



#62
4-Nitroaniline
Concen: 44.684 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.8	64.8
108	64.3	43.3	83.3





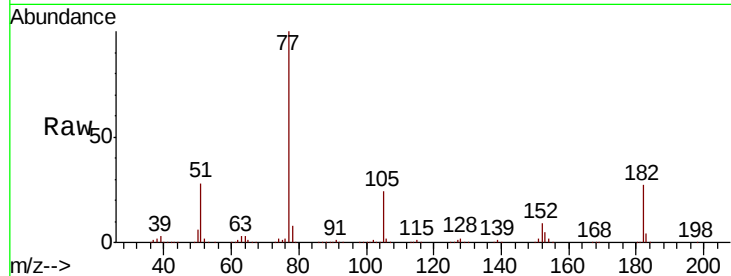
#63
Azobenzene
Concen: 43.354 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	10.1	50.1	
105	23.8	4.5	44.5	
51	27.5	6.4	46.4	

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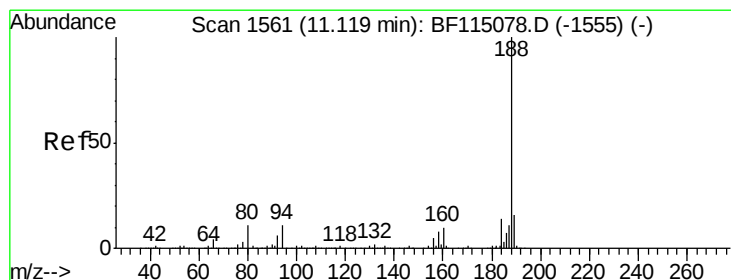
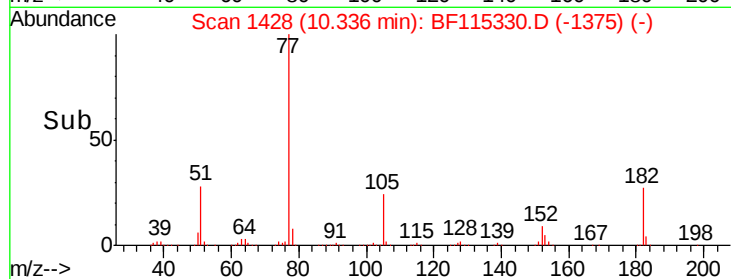
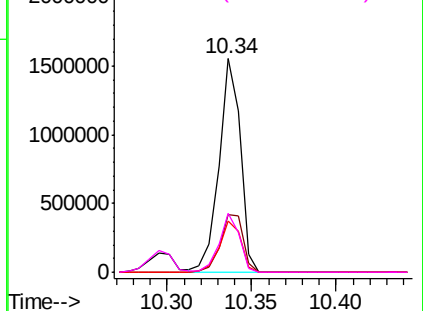
Abundance

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: 11.11 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

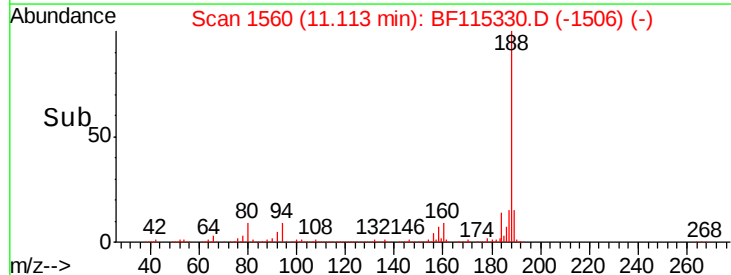
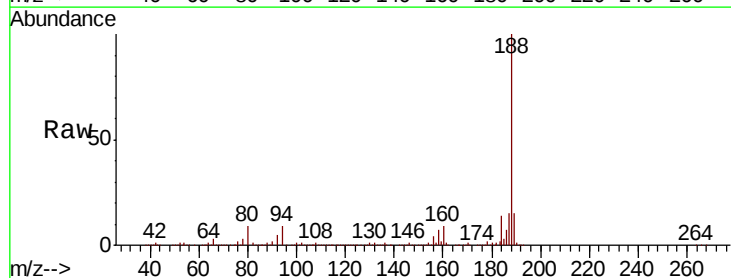
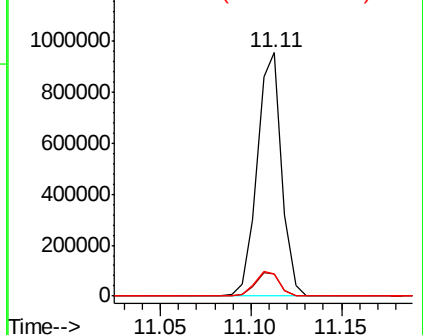
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	8.6	12.8	
80	8.9	8.8	13.2	

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: 51.180 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

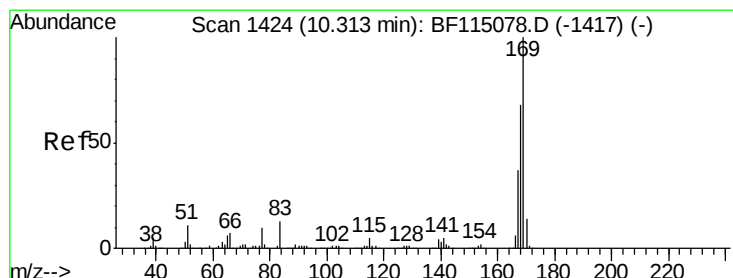
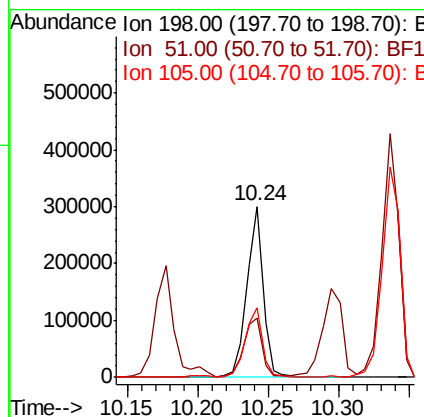
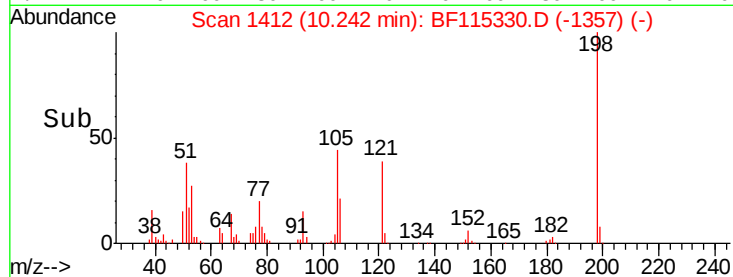
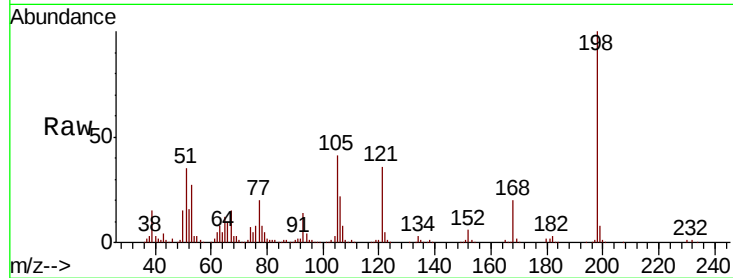
ClientSampleId :

PB121041BS

Tot Ion:	198	Resp:	245713
Ion Ratio	Lower	Upper	
198	100		
51	35.0	11.0	51.0
105	40.6	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 46.456 ng

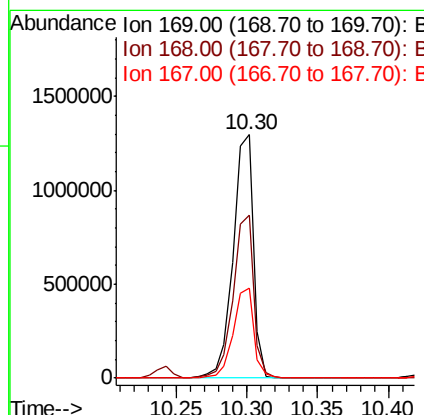
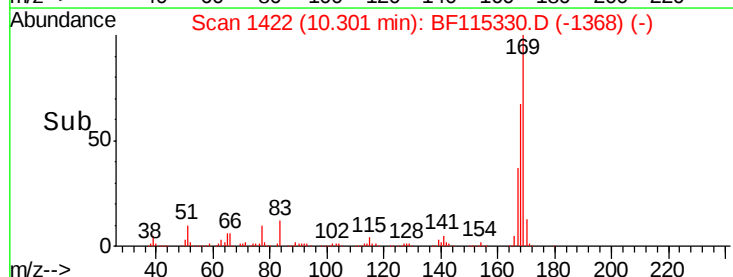
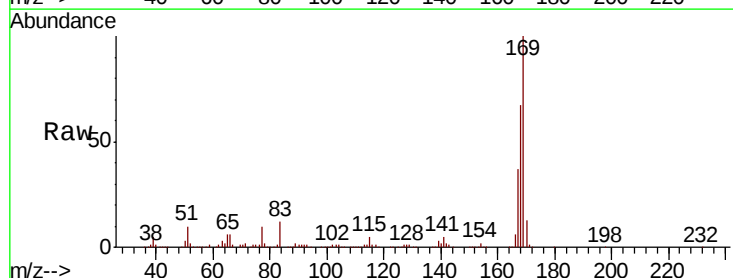
RT: 10.30 min Scan# 1422

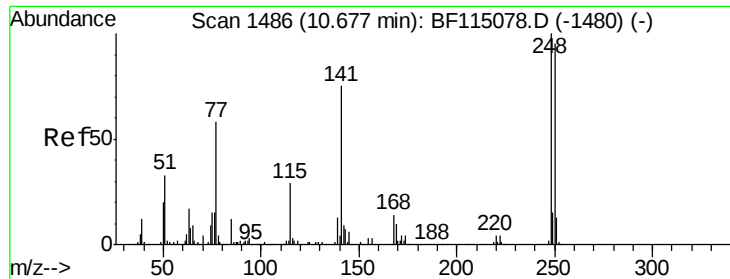
Delta R.T. 0.02 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Tgt Ion:	169	Resp:	1296638
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.2	81.4
167	37.1	29.4	44.0





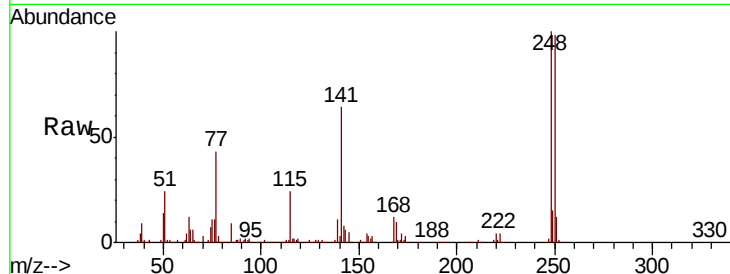
#67
4-Bromophenyl-phenylether
Concen: 45.929 ng
RT: 10.67 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.2	114.2
141	64.1	59.6	89.4

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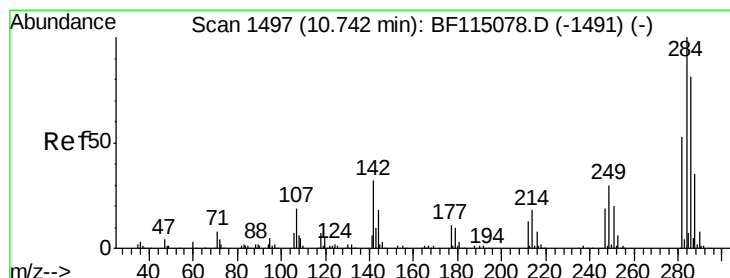
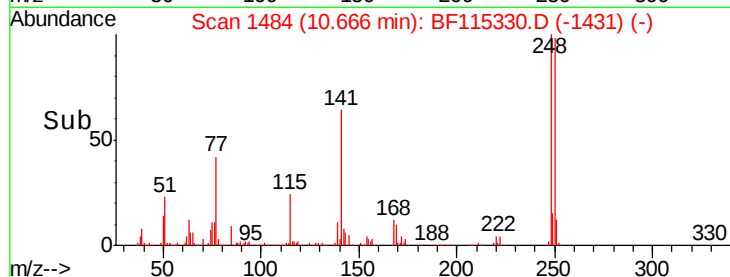
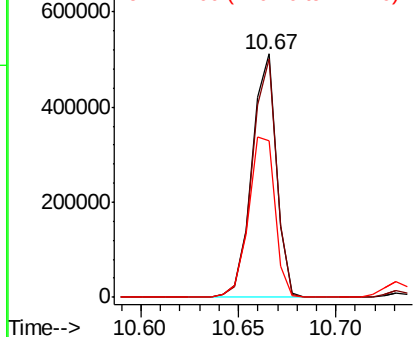


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.629 ng
RT: 10.73 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

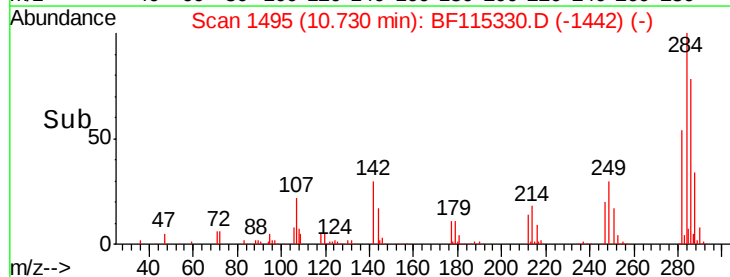
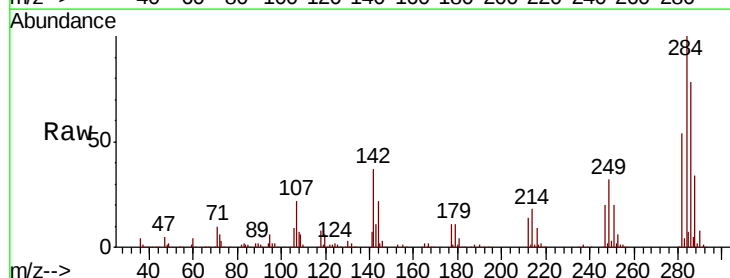
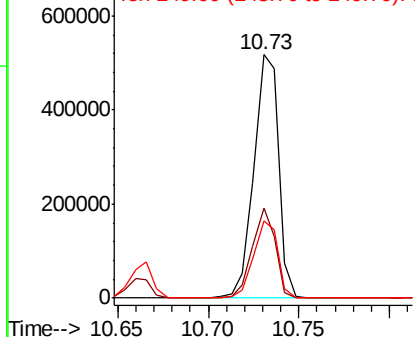
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	25.8	38.8
249	31.6	24.2	36.4

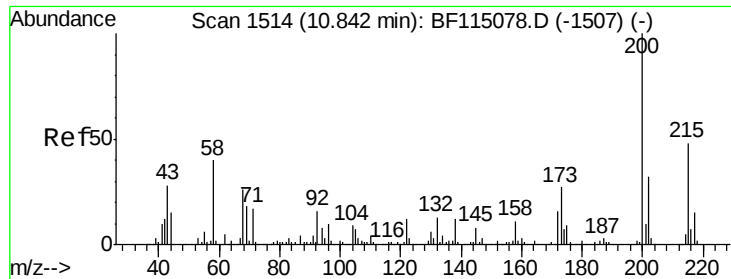
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





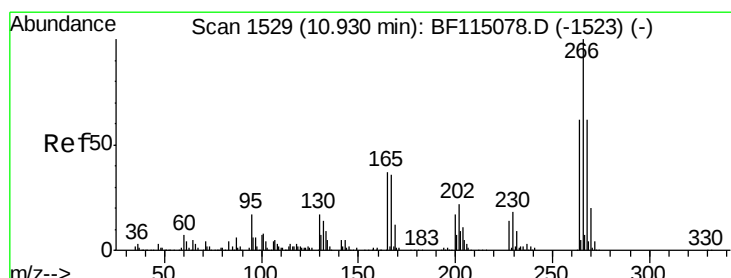
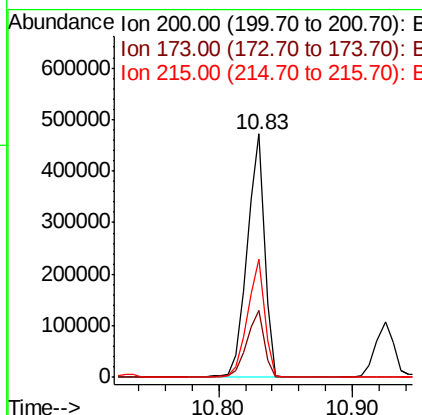
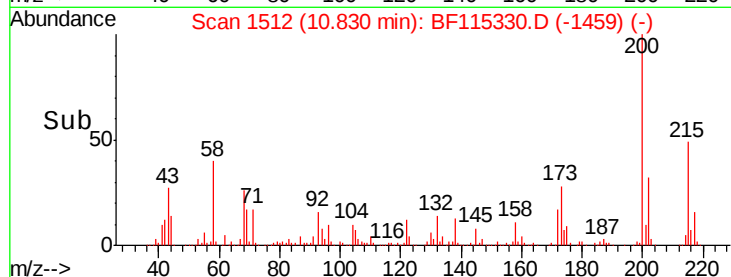
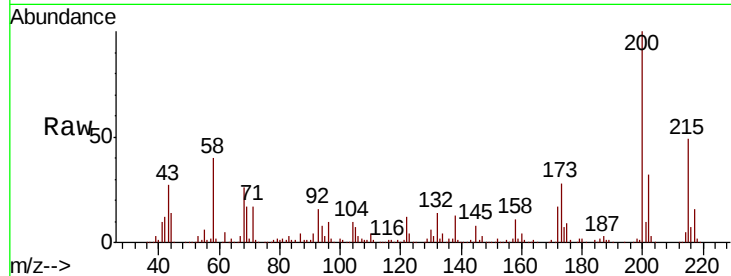
#69
Atrazine
Concen: 46.734 ng
RT: 10.83 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	48.8	27.8	67.8

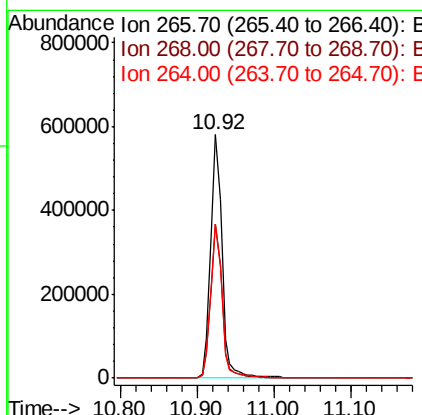
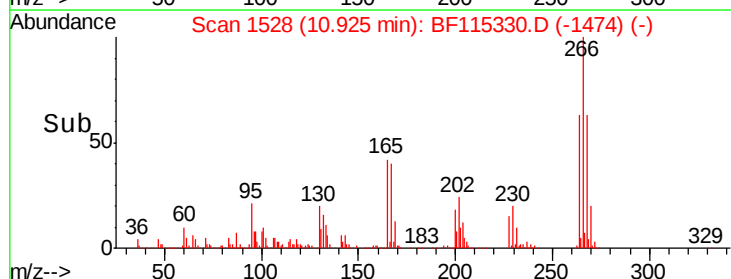
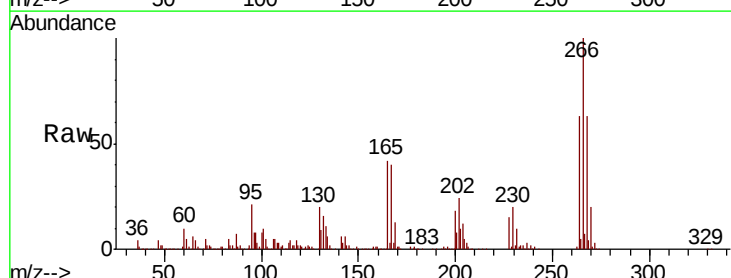
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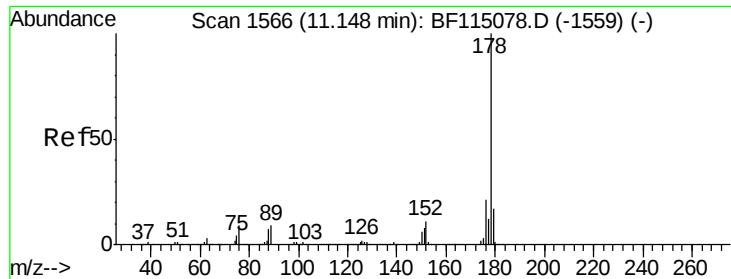
mohammad
7/2/2019 2:53:25 PM



#70
Pentachlorophenol
Concen: 89.458 ng
RT: 10.92 min Scan# 1528
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.5	74.3
264	63.2	49.3	73.9





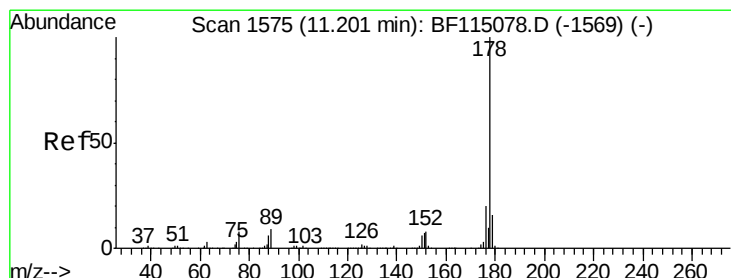
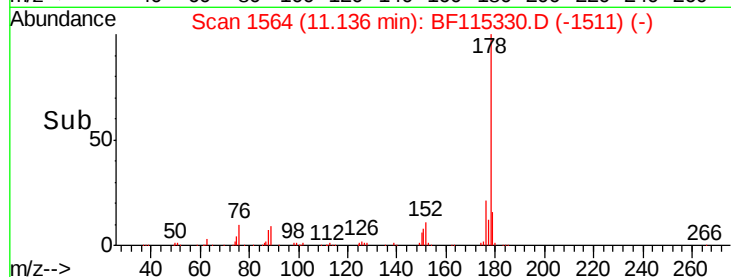
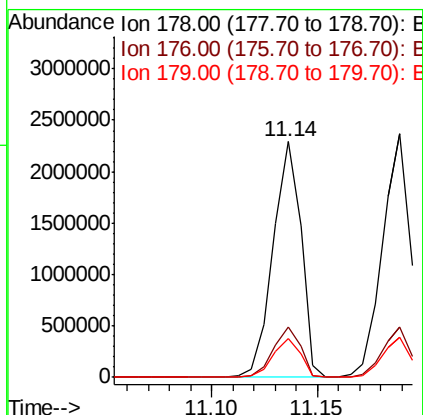
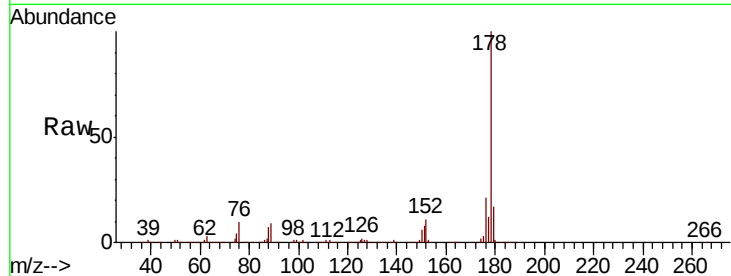
#71
Phenanthrene
Concen: 43.982 ng
RT: 11.14 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.3	16.9	25.3	
179	16.7	13.2	19.8	

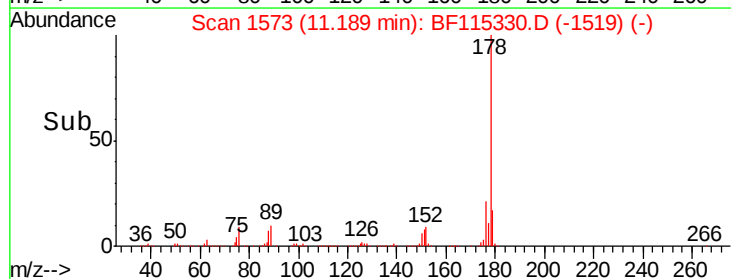
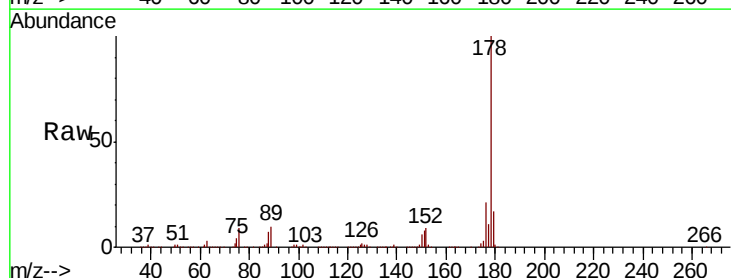
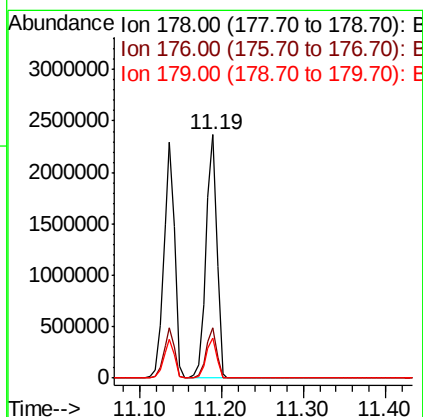
Manual Integrations
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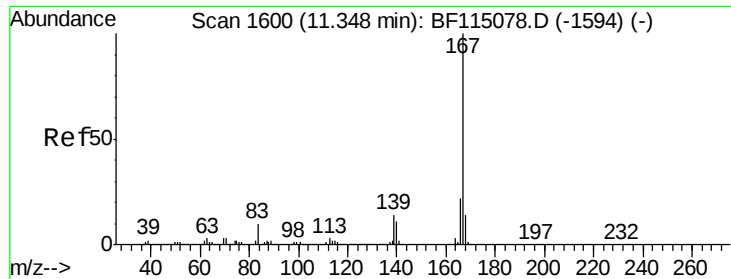
mohammad
7/2/2019 2:53:25 PM



#72
Anthracene
Concen: 44.664 ng
RT: 11.19 min Scan# 1573
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.6	16.1	24.1	
179	16.7	12.9	19.3	





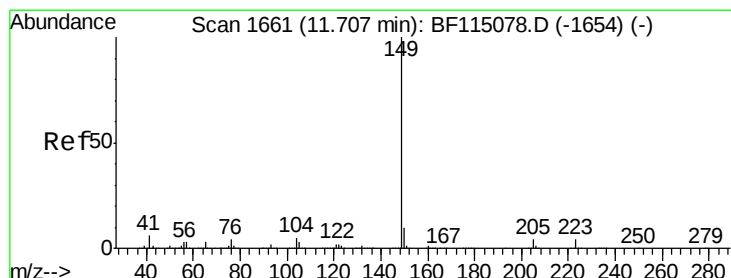
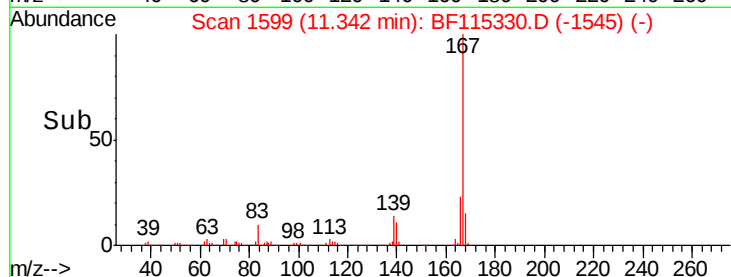
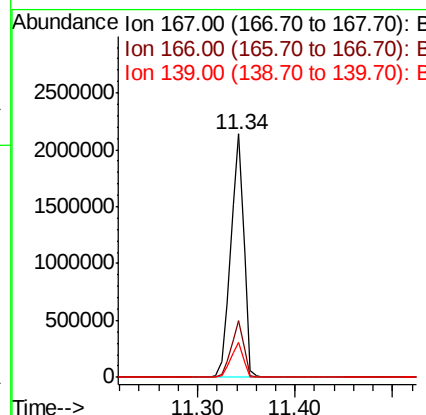
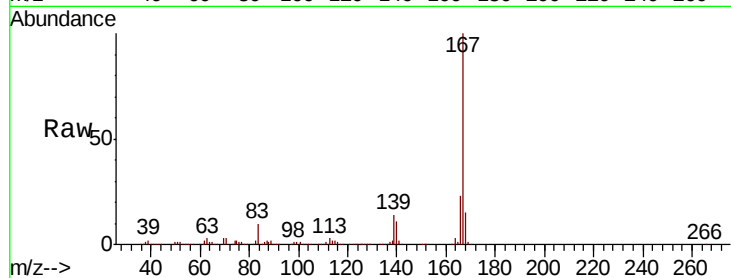
#73
 Carbazole
 Concen: 45.965 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. 0.02 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.3	11.1	16.7

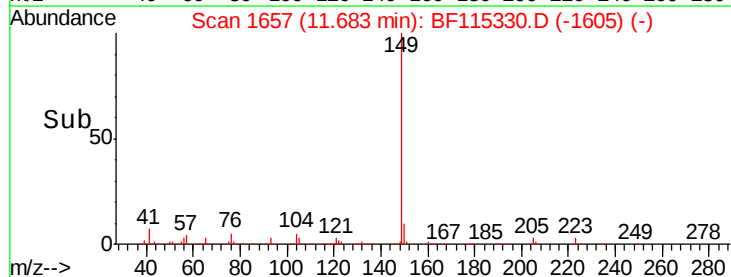
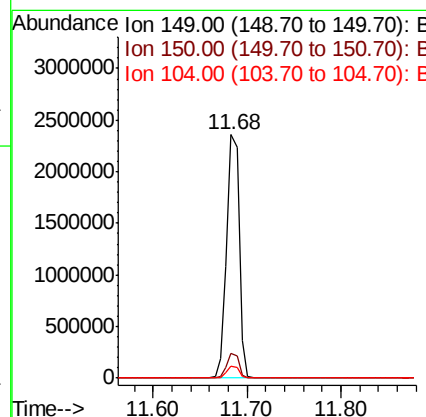
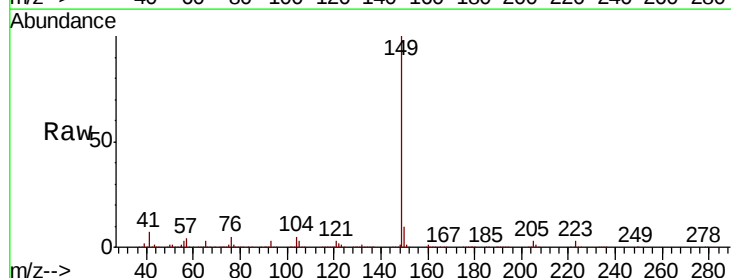
Manual Integrations
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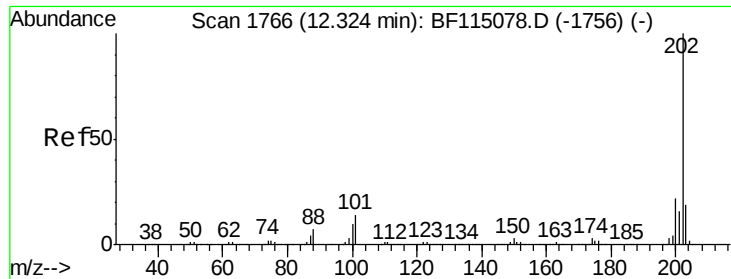
mohammad
 7/2/2019 2:53:25 PM



#74
 Di-n-butylphthalate
 Concen: 44.206 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	4.9	3.7	5.5





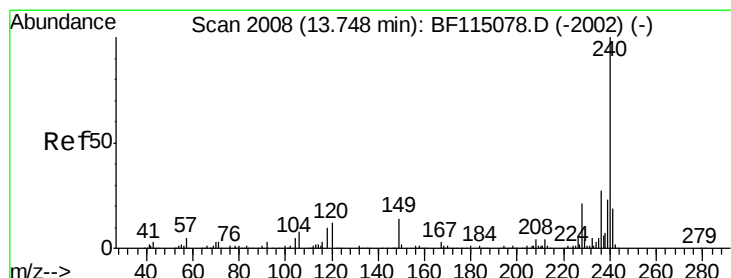
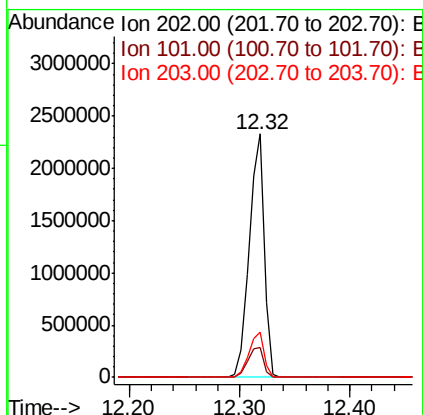
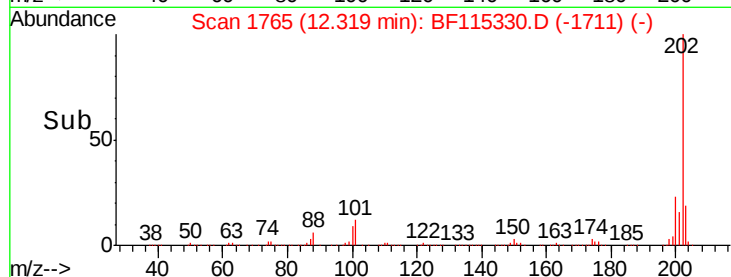
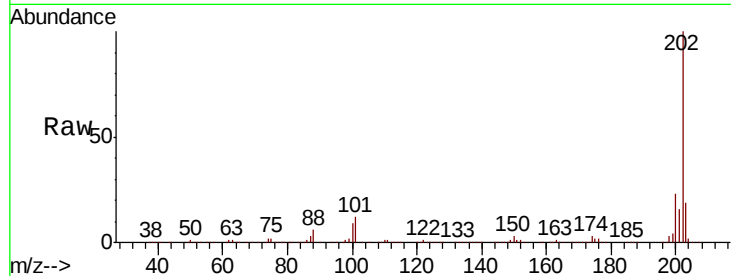
#75
Fluoranthene
Concen: 46.230 ng
RT: 12.32 min Scan# 1765
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.0
203	18.5	0.0	38.8

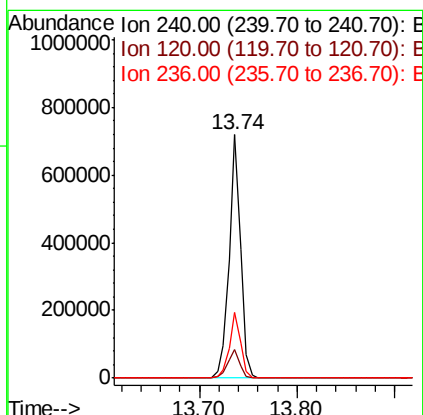
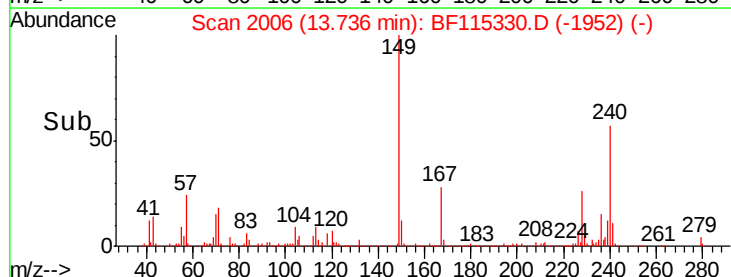
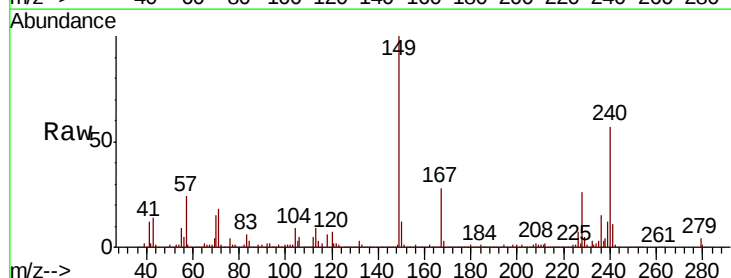
Manual Integrations
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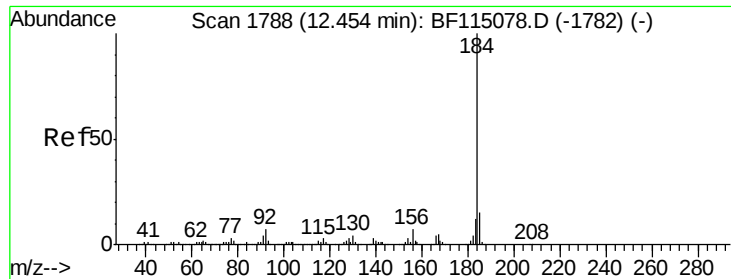
mohammad
7/2/2019 2:53:25 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.4	14.2
236	26.9	21.7	32.5





#77

Benzidine

Concen: 26.267 ng

RT: 12.44 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

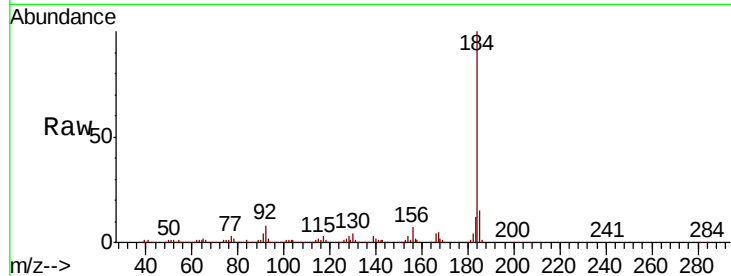
ClientSampleId :

PB121041BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	11.6	9.6	14.4

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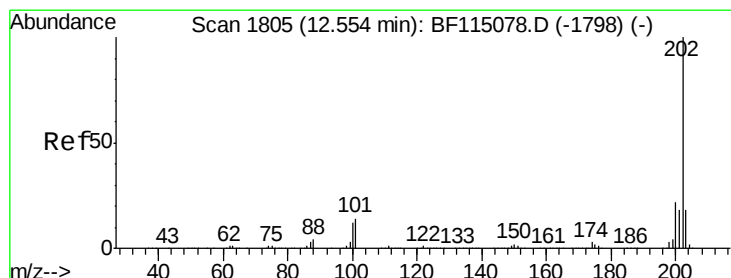
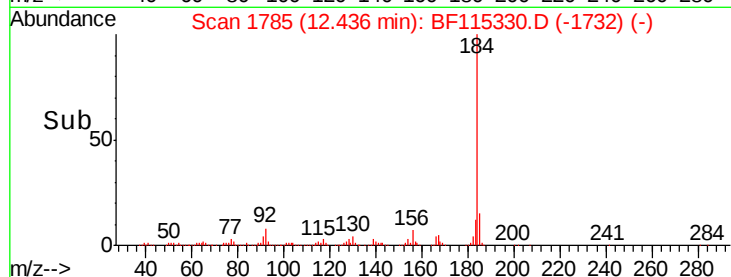
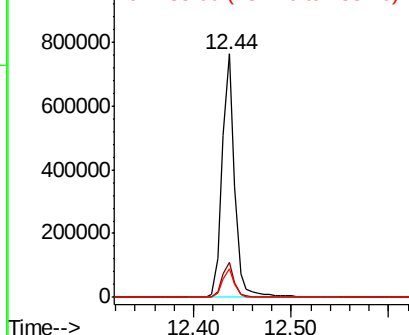


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.096 ng

RT: 12.54 min Scan# 1803

Delta R.T. 0.02 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

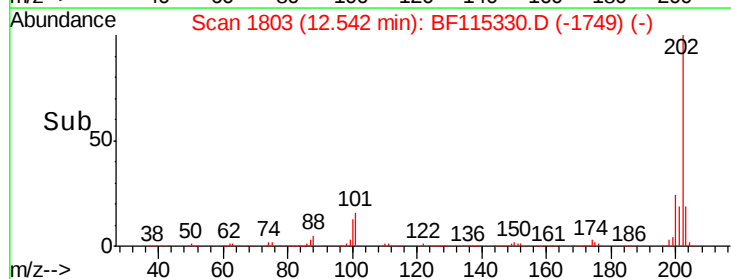
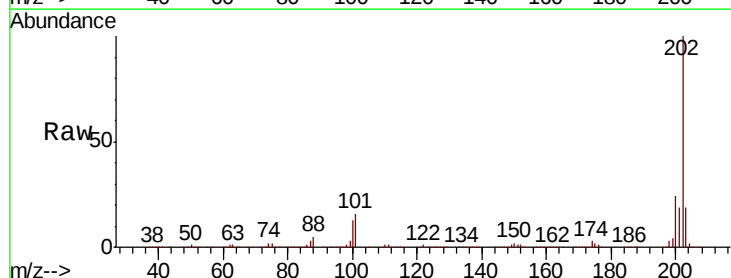
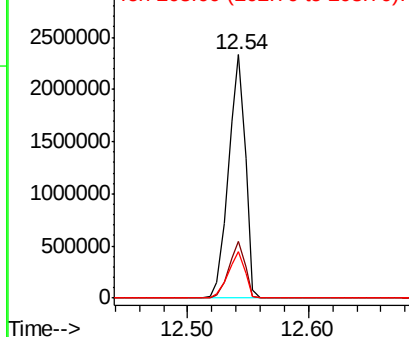
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.9	26.9
203	19.2	14.6	21.8

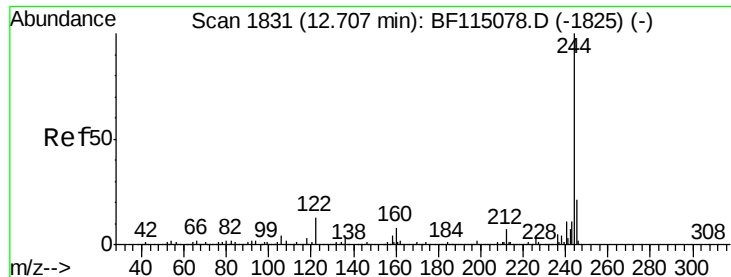
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.647 ng

RT: 12.69 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion:244 Resp: 2793539

Ion Ratio Lower Upper

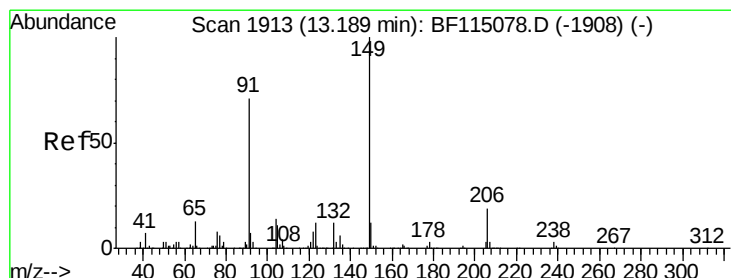
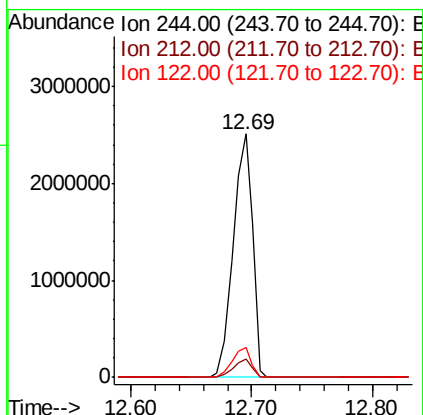
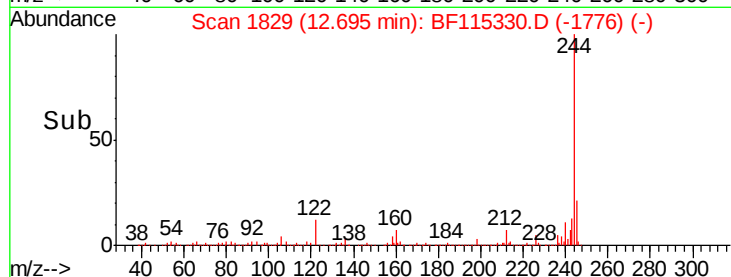
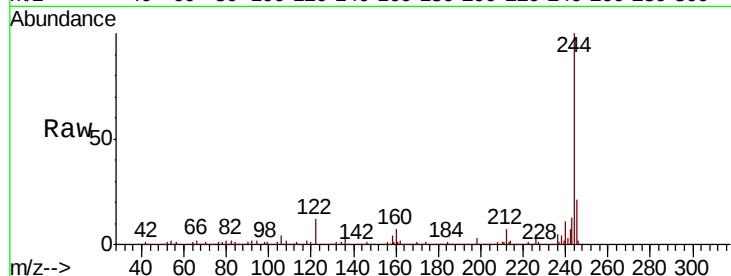
244 100

212 7.3 5.8 8.6

122 12.1 10.4 15.6

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#80

Butylbenzylphthalate

Concen: 52.336 ng

RT: 13.17 min Scan# 1910

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

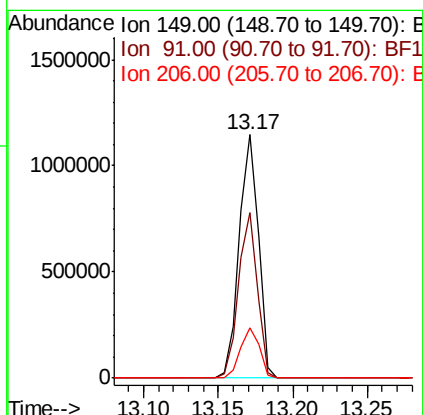
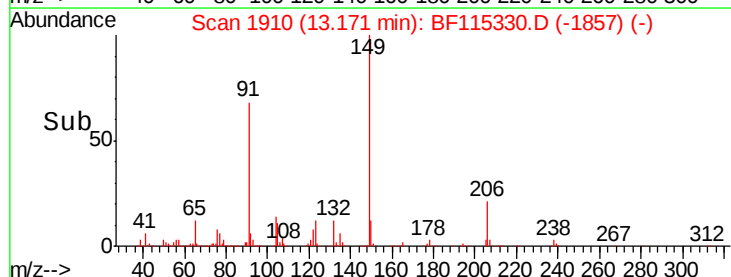
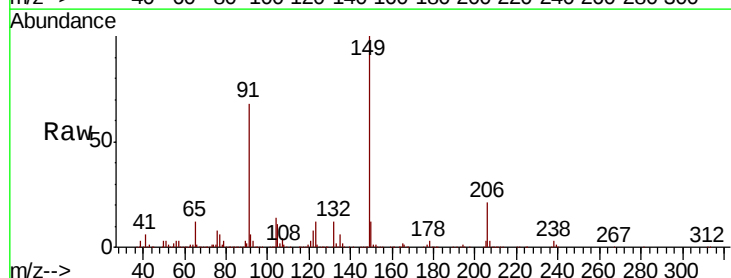
Tgt Ion:149 Resp: 1037161

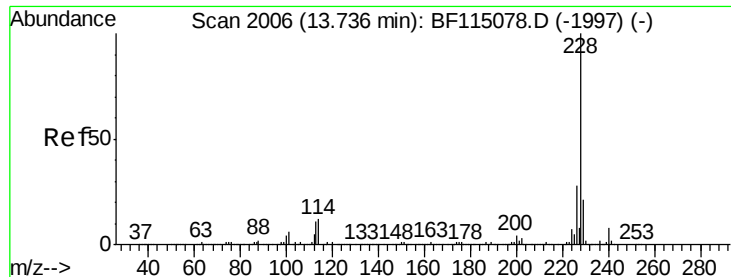
Ion Ratio Lower Upper

149 100

91 67.8 56.5 84.7

206 20.9 15.3 22.9





#81

Benzo(a)anthracene

Concen: 48.614 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.02 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion:228 Resp: 2038240

Ion Ratio Lower Upper

228 100

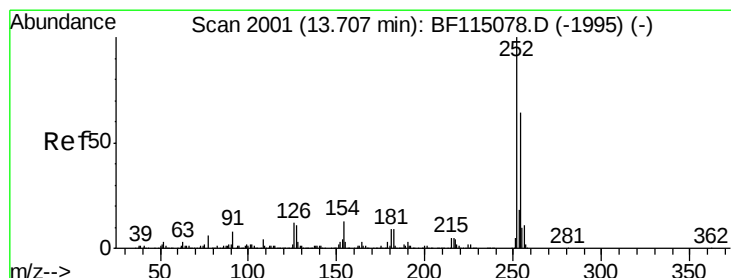
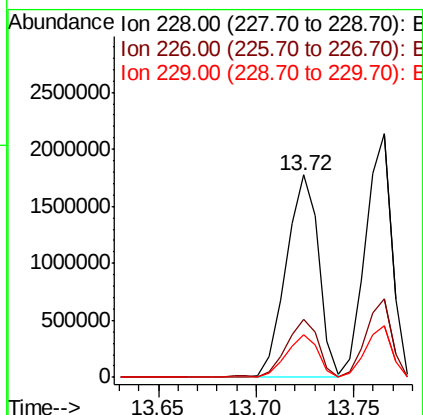
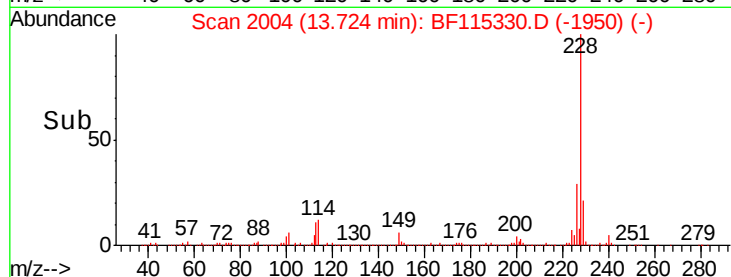
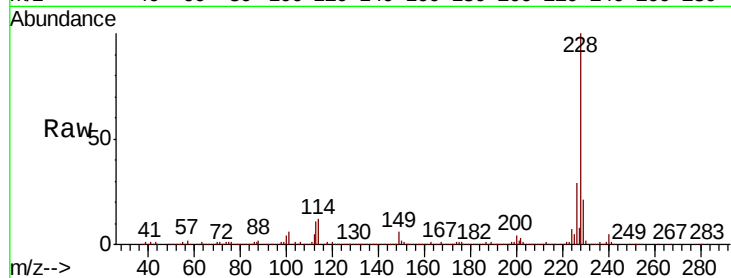
226 28.7 22.5 33.7

229 21.0 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 39.840 ng

RT: 13.69 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

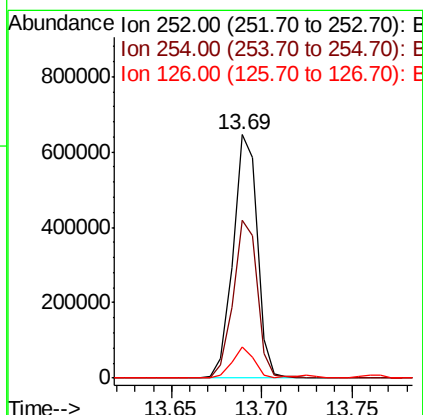
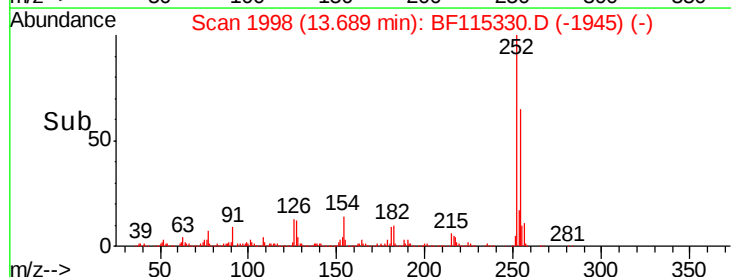
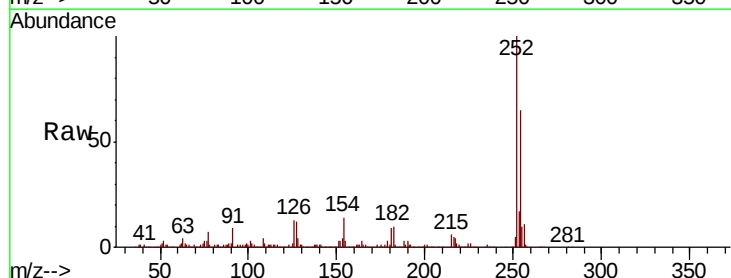
Tgt Ion:252 Resp: 603208

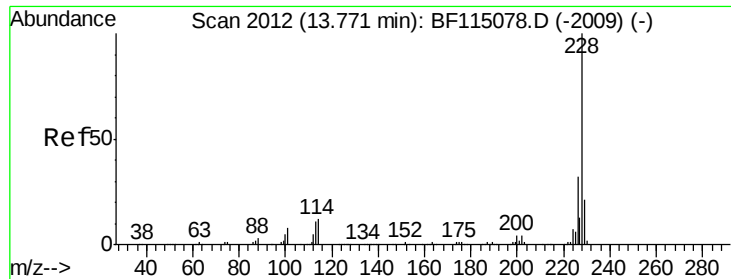
Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

126 12.9 9.4 14.0





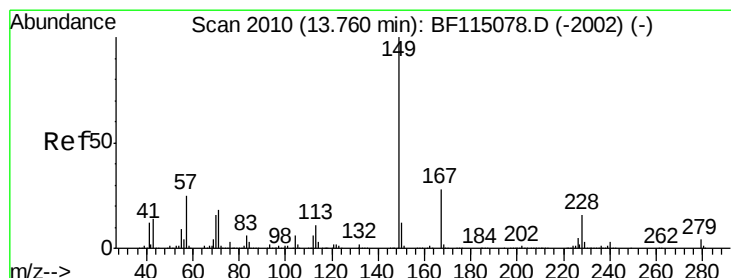
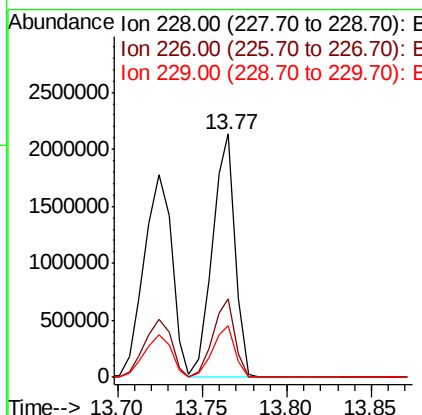
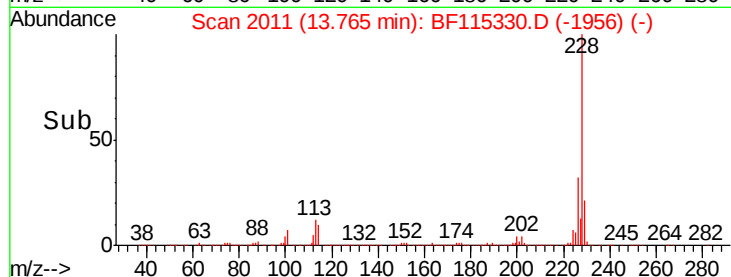
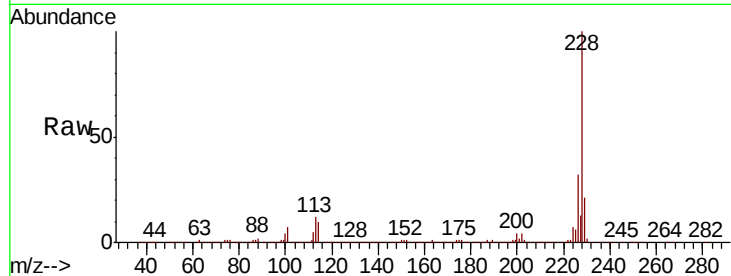
#83
 Chrysene
 Concen: 51.957 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. 0.02 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BS

Tot Ion:228 Resp: 1995496
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.4 38.0
 229 21.0 16.5 24.7

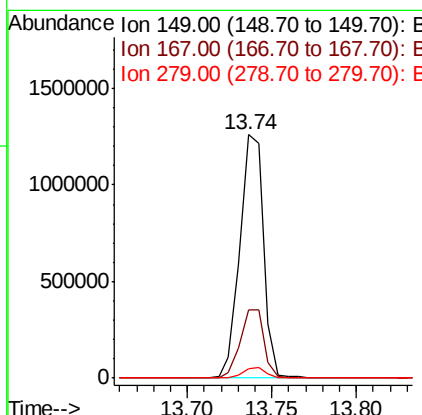
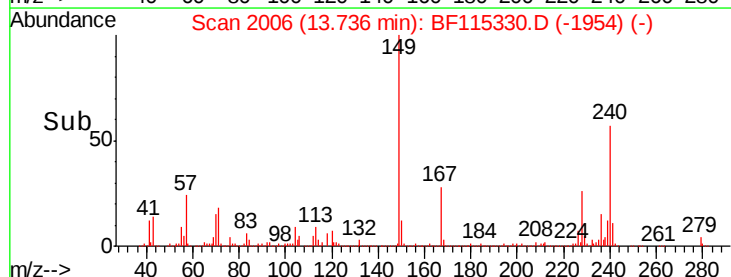
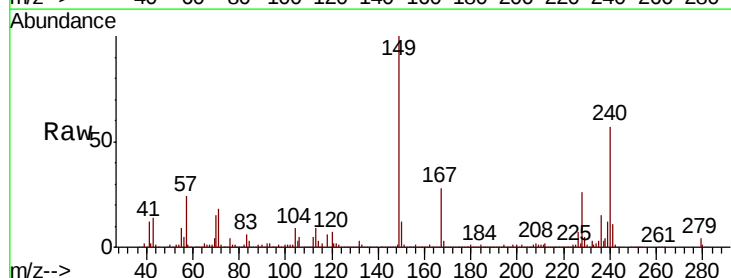
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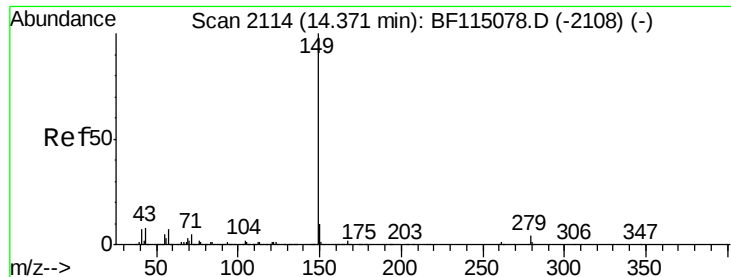
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.419 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF115330.D
 Acq: 1 Jul 2019 11:00

Tgt Ion:149 Resp: 1231342
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 51.499 ng

RT: 14.35 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion:149 Resp: 2246871

Ion Ratio Lower Upper

149 100

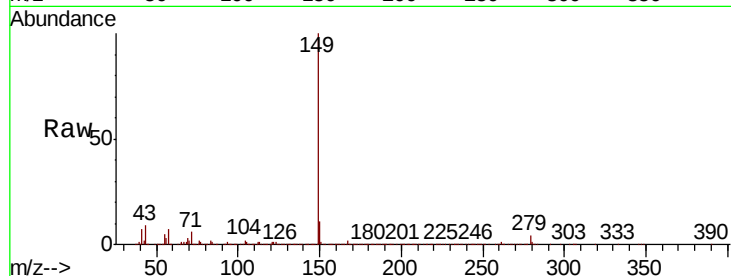
167 1.6 1.2 1.8

43 8.5 7.0 10.6

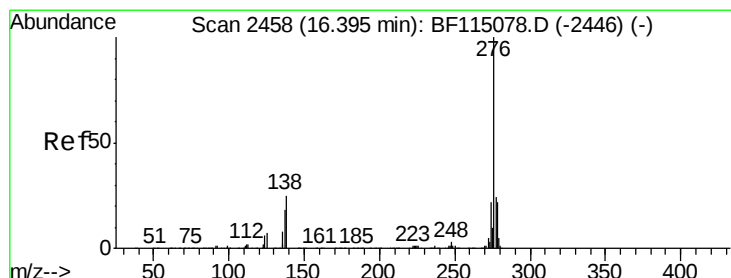
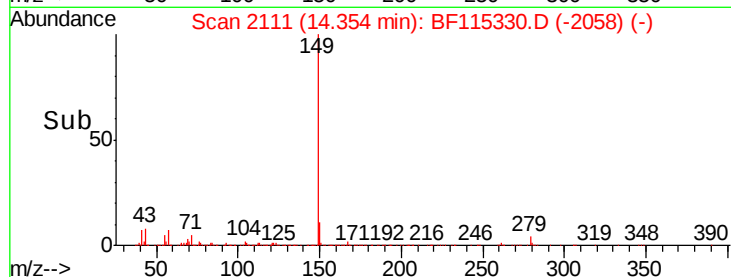
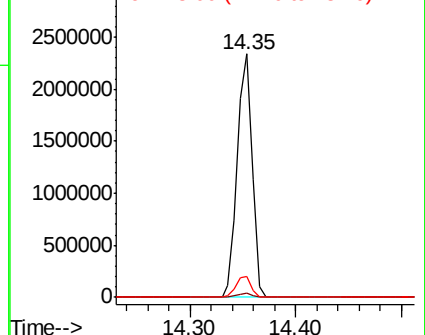
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.882 ng

RT: 16.41 min Scan# 2460

Delta R.T. 0.05 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

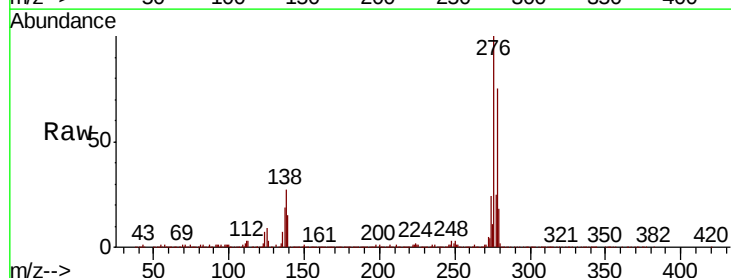
Tgt Ion:276 Resp: 2403262

Ion Ratio Lower Upper

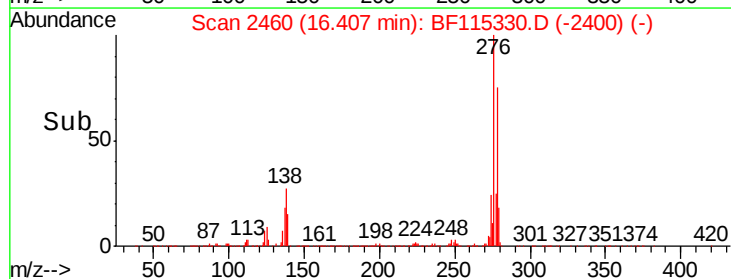
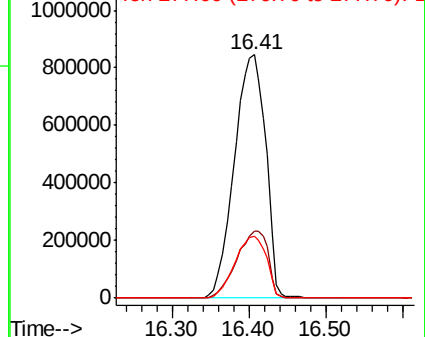
276 100

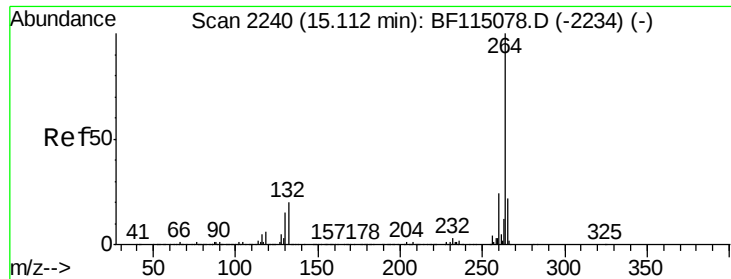
138 27.8 23.2 34.8

277 25.6 20.1 30.1



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





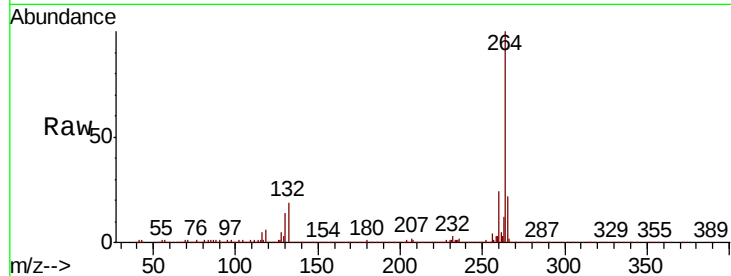
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2240
Delta R.T. 0.03 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.6	17.3	25.9

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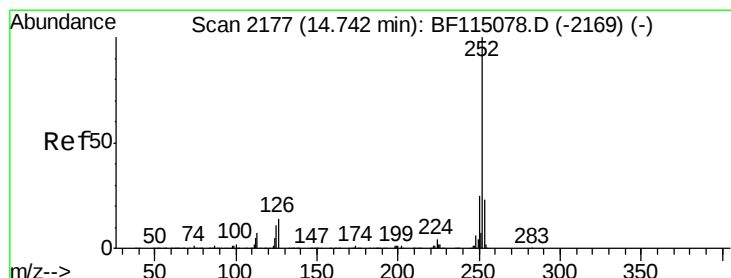
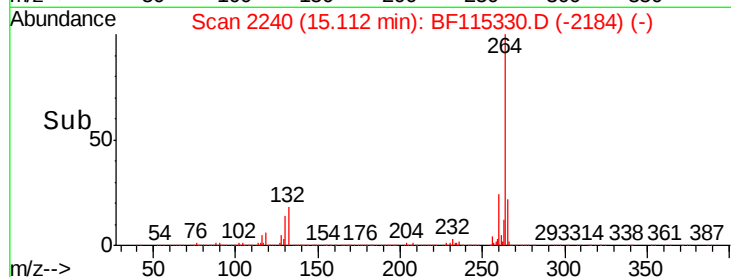
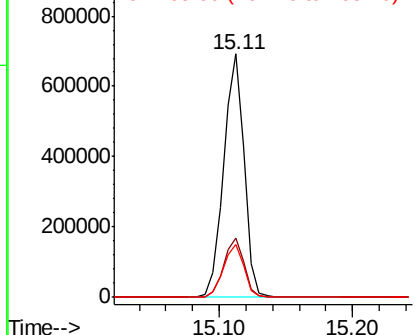


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 49.375 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

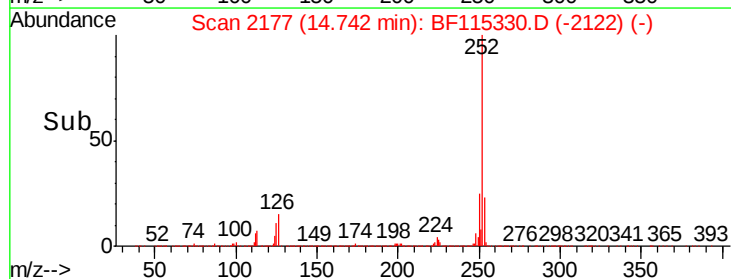
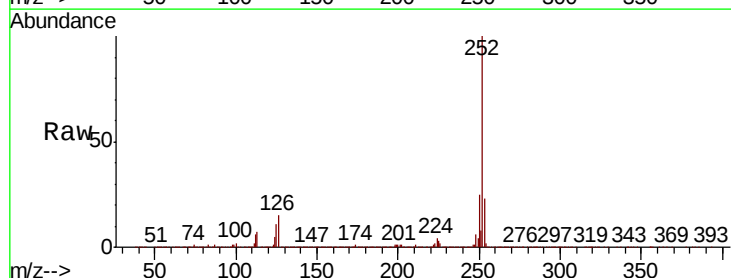
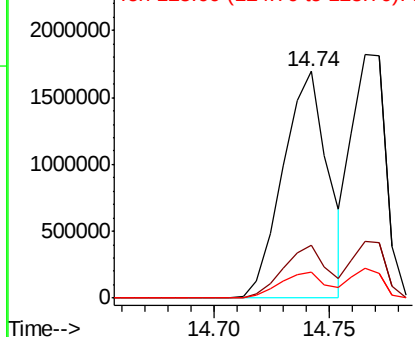
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.3	8.7	13.1

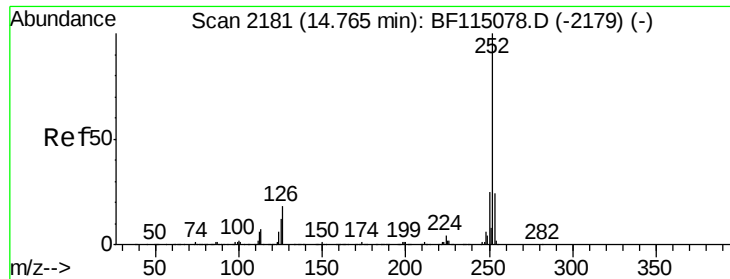
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





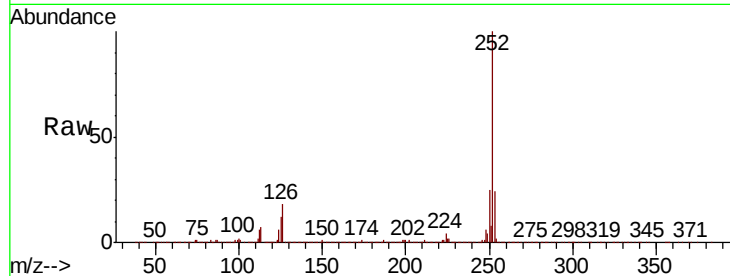
#89
Benzo(k)fluoranthene
Concen: 45.024 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Instrument :
BNA_F
ClientSampleId :
PB121041BS

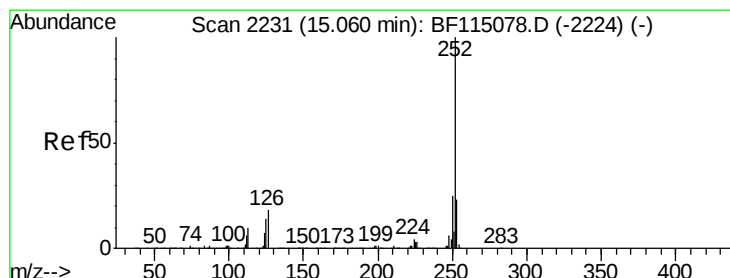
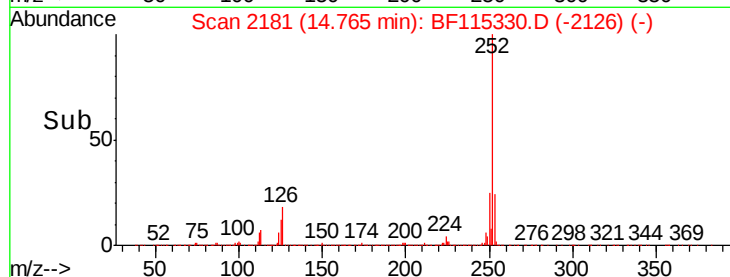
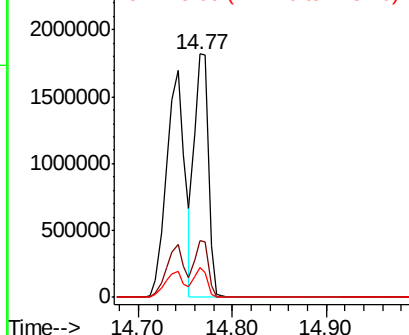
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	12.3	10.2	15.2

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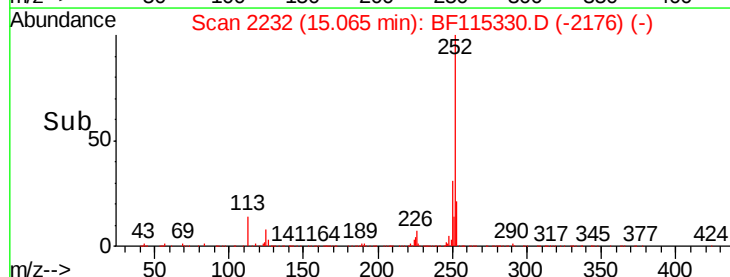
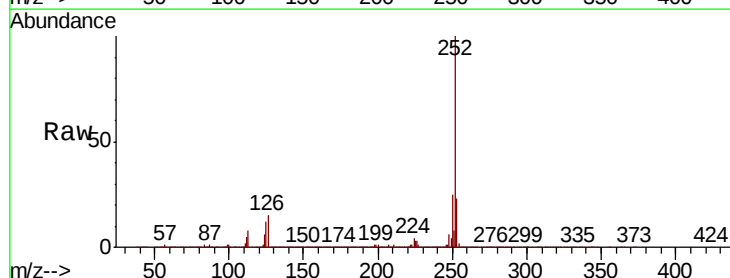
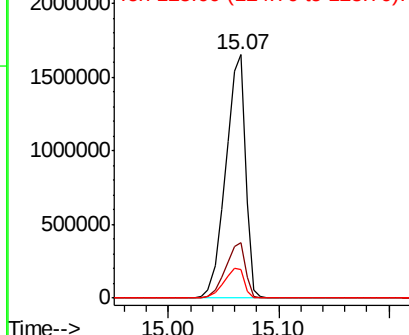
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

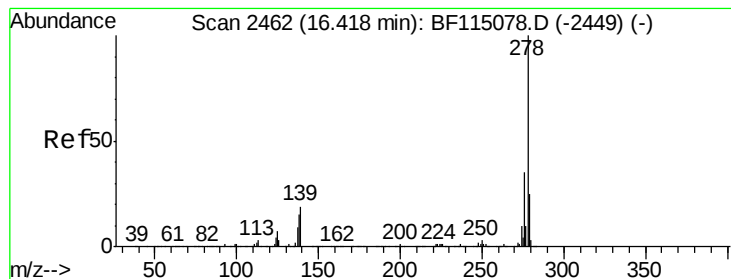


#90
Benzo(a)pyrene
Concen: 49.618 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.03 min
Lab File: BF115330.D
Acq: 1 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	11.7	10.9	16.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.175 ng

RT: 16.42 min Scan# 2463

Delta R.T. 0.05 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

Instrument :

BNA_F

ClientSampleId :

PB121041BS

Tot Ion:278 Resp: 1966768

Ion Ratio Lower Upper

278 100

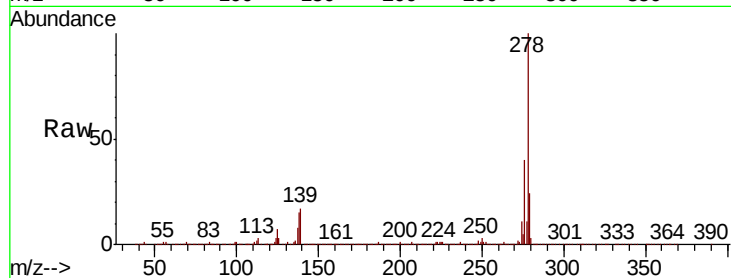
139 17.0 15.4 23.2

279 24.3 19.9 29.9

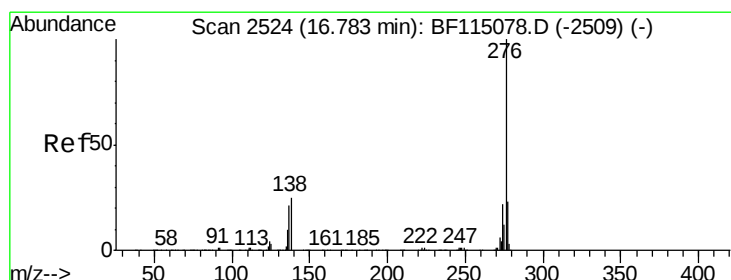
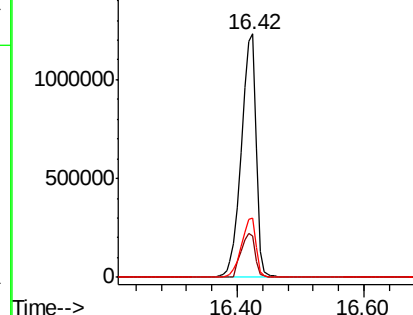
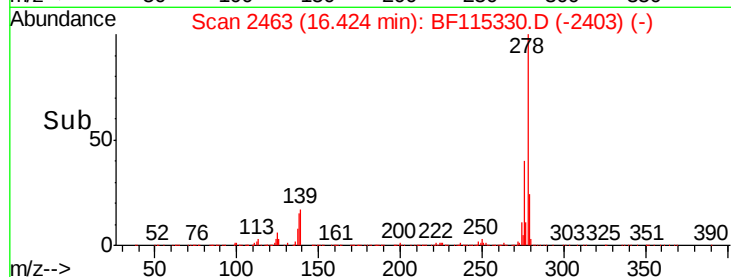
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.777 ng

RT: 16.79 min Scan# 2525

Delta R.T. 0.05 min

Lab File: BF115330.D

Acq: 1 Jul 2019 11:00

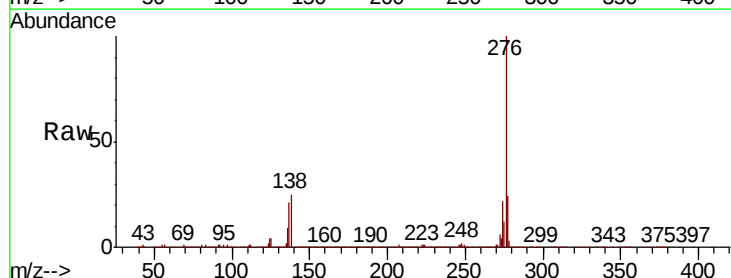
Tgt Ion:276 Resp: 2054129

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 25.0 19.8 29.6



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

