

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115389.D
 Acq On : 5 Jul 2019 11:10
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad

7/8/2019 2:12:49 PM

Quant Time: Jul 05 13:22:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159411	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	664398	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	324483	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	623681	20.00	ng	0.00
76) Chrysene-d12	14.06	240	426463	20.00	ng	-0.01
87) Perylene-d12	15.53	264	394655	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1541158	149.19	ng	0.00
7) Phenol-d6	6.53	99	1966708	156.86	ng	0.01
23) Nitrobenzene-d5	7.47	82	1789277	165.67	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	543773	158.91	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2672996	139.93	ng	0.00
79) Terphenyl-d14	13.01	244	2878863	143.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	401523	82.359	ng	99
3) Pyridine	3.47	79	1098019	79.908	ng	99
4) n-Nitrosodimethylamine	3.43	42	448922	83.337	ng	97
6) Aniline	6.57	93	1420739	82.447	ng	98
8) 2-Chlorophenol	6.69	128	868846	74.799	ng	95
10) Phenol	6.55	94	1188160	80.899	ng	87
11) bis(2-Chloroethyl)ether	6.64	93	895496	82.715	ng	98
12) 1,3-Dichlorobenzene	6.85	146	955448	74.116	ng	99
13) 1,4-Dichlorobenzene	6.92	146	957877	74.099	ng	98
14) 1,2-Dichlorobenzene	7.07	146	854538	71.383	ng	99
15) Benzyl Alcohol	7.05	79	784456	85.921	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1230256	78.349	ng	100
17) 2-Methylphenol	7.15	107	773806	80.707	ng	100
18) Hexachloroethane	7.42	117	370444	79.488	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	672952	83.835	ng	100
20) 3+4-Methylphenols	7.31	107	832124	75.163	ng	91
22) Acetophenone	7.32	105	1143473	75.178	ng	100
24) Nitrobenzene	7.49	77	975979	82.024	ng	95
25) Isophorone	7.73	82	1895652	85.678	ng	99
26) 2-Nitrophenol	7.80	139	459496	78.197	ng	97
27) 2,4-Dimethylphenol	7.83	122	770894	80.127	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	1136673	81.283	ng	99
29) 2,4-Dichlorophenol	8.04	162	763355	76.884	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	832154	75.878	ng	99
31) Naphthalene	8.21	128	2377433	72.897	ng	99
32) Benzoic acid	7.99	122	622823	90.691	ng	99
33) 4-Chloroaniline	8.25	127	1115716	74.854	ng	99
34) Hexachlorobutadiene	8.33	225	469597	78.136	ng	99
35) Caprolactam	8.65	113	246906m	73.966	ng	
36) 4-Chloro-3-methylphenol	8.73	107	792625	78.829	ng	100
37) 2-Methylnaphthalene	8.90	142	1575823	71.661	ng	98
38) 1-Methylnaphthalene	9.00	142	1513053	72.044	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	691440	75.408	ng	100
41) Hexachlorocyclopentadiene	9.06	237	428505	78.812	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.17	196	541563	76.502	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	544597	74.704	ng	98
46) 1,1'-Biphenyl	9.36	154	1817486	70.002	ng	98
47) 2-Chloronaphthalene	9.39	162	1587228	75.366	ng	99
48) 2-Nitroaniline	9.47	65	519940	84.682	ng	98
49) Acenaphthylene	9.80	152	2331862	71.066	ng	99
50) Dimethylphthalate	9.67	163	1805448	75.627	ng	99
51) 2,6-Dinitrotoluene	9.72	165	427907	77.639	ng	93
52) Acenaphthene	9.97	154	1494875	72.806	ng	99
53) 3-Nitroaniline	9.89	138	489945	72.845	ng	98
54) 2,4-Dinitrophenol	9.99	184	185724	76.390	ng	83
55) Dibenzofuran	10.15	168	2050330	69.575	ng	99
56) 4-Nitrophenol	10.04	139	392019	72.702	ng	100
57) 2,4-Dinitrotoluene	10.13	165	559959	78.684	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	463753	75.865	ng	99
60) Diethylphthalate	10.36	149	1762593	73.450	ng	98
61) 4-Chlorophenyl-phenylether	10.48	204	736654	70.428	ng	99
62) 4-Nitroaniline	10.52	138	484931	71.870	ng	98
63) Azobenzene	10.64	77	1815482	80.997	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	260803	83.968	ng	98
66) n-Nitrosodiphenylamine	10.60	169	1463336	75.311	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	520759	77.013	ng	98
68) Hexachlorobenzene	11.04	284	577074	78.624	ng	97
69) Atrazine	11.12	200	419622	67.134	ng	99
70) Pentachlorophenol	11.22	266	372584	79.681	ng	99
71) Phenanthrene	11.45	178	2319180	69.065	ng	100
72) Anthracene	11.50	178	2354619	69.465	ng	99
73) Carbazole	11.65	167	2157938	71.293	ng	99
74) Di-n-butylphthalate	11.98	149	2561351	73.230	ng	99
75) Fluoranthene	12.63	202	2455721	73.296	ng	99
78) Pyrene	12.86	202	2482823	75.756	ng	98
80) Butylbenzylphthalate	13.47	149	1141499	78.923	ng	98
81) Benzo(a)anthracene	14.05	228	1975918	64.572	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	709695	64.224	ng	98
83) Chrysene	14.09	228	2099788	74.911	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1300207	68.606	ng	99
85) Di-n-octyl phthalate	14.66	149	2431787	76.370	ng	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	1700191	51.260	ng	# 100
88) Benzo(b)fluoranthene	15.10	252	1971550	80.062	ng	99
89) Benzo(k)fluoranthene	15.14	252	1876520	84.973	ng	99
90) Benzo(a)pyrene	15.47	252	1742375	78.502	ng	100
91) Dibenzo(a,h)anthracene	17.03	278	1396916	67.417	ng	99
92) Benzo(g,h,i)perylene	17.46	276	1340848	63.936	ng	100

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

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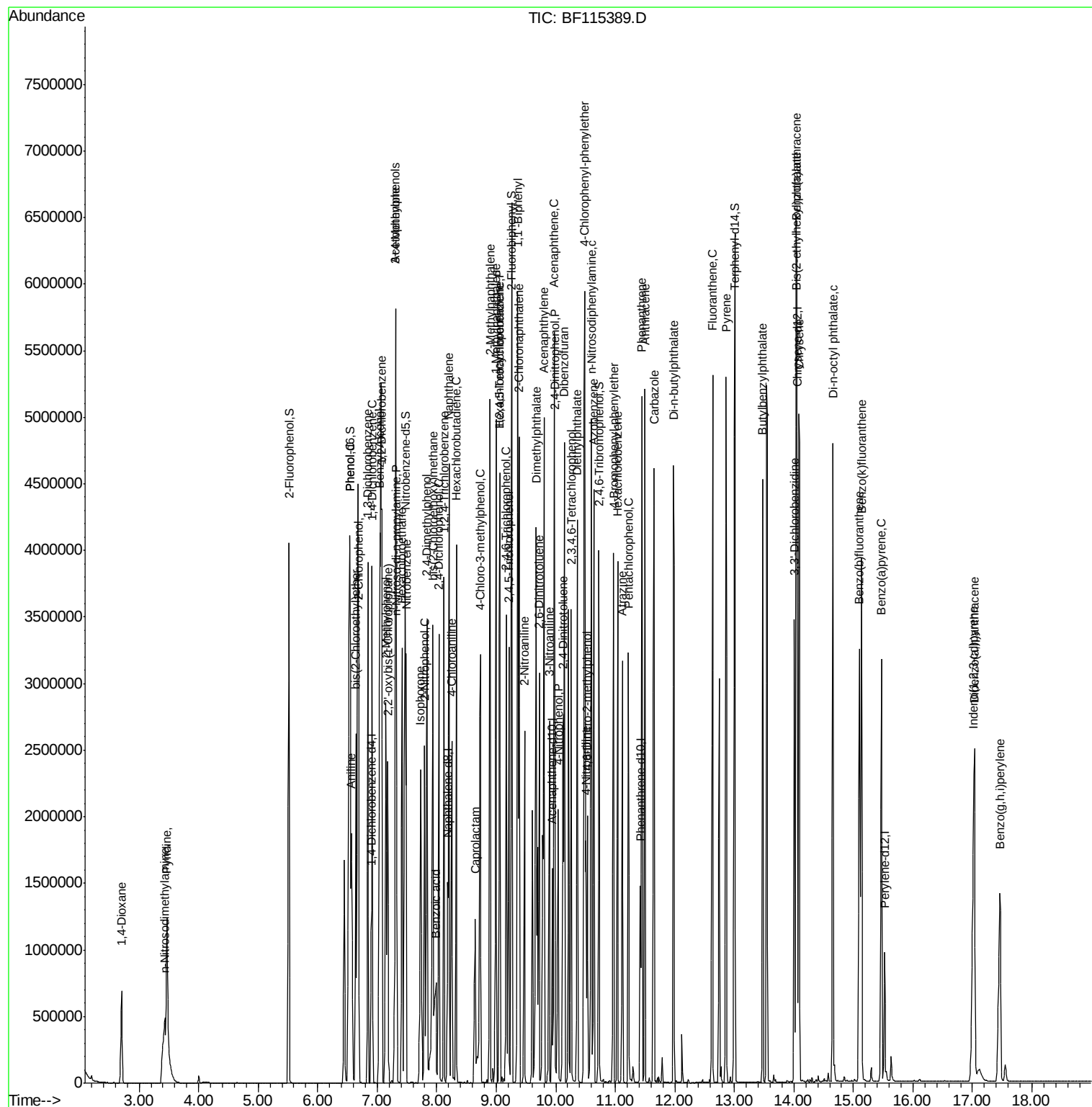
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

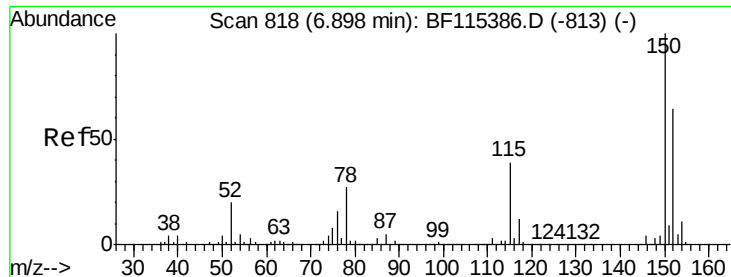
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

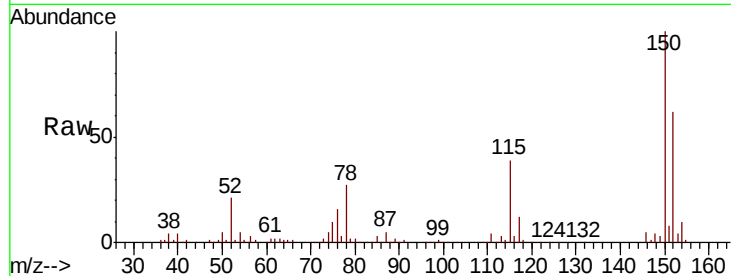
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.7	187.1
115	62.4	48.1	72.1

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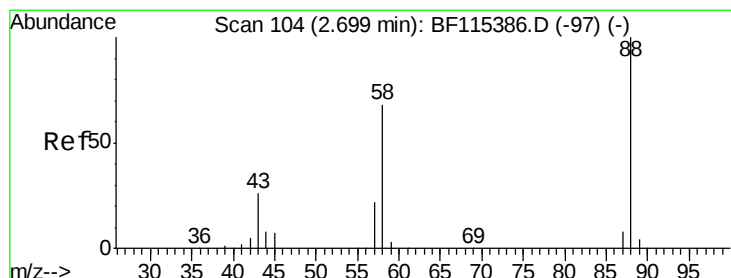
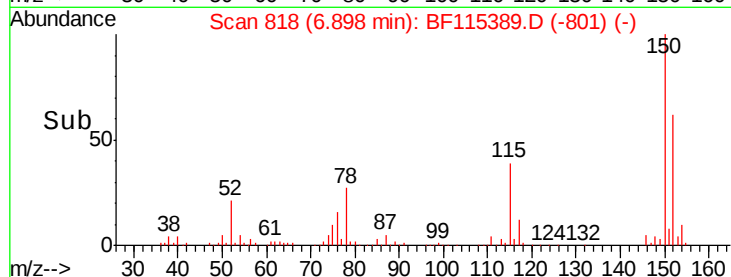
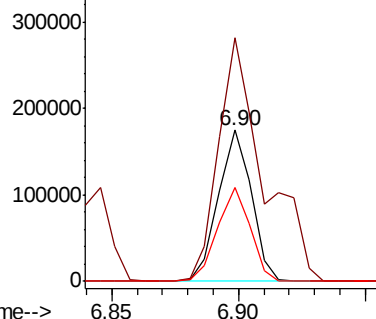


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

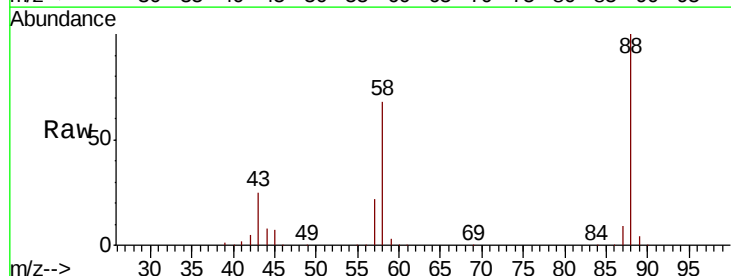
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 82.359 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.6	82.0
43	25.6	21.4	32.0

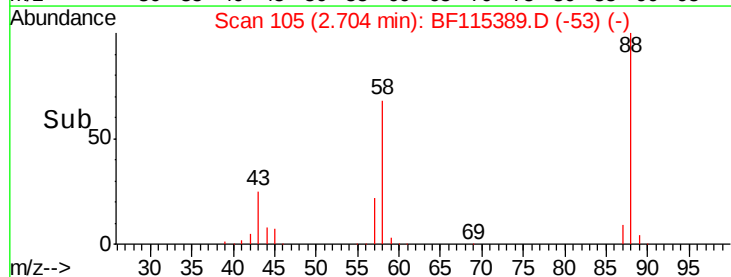
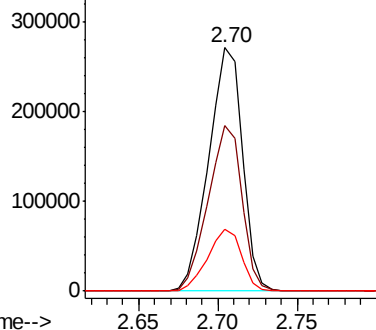


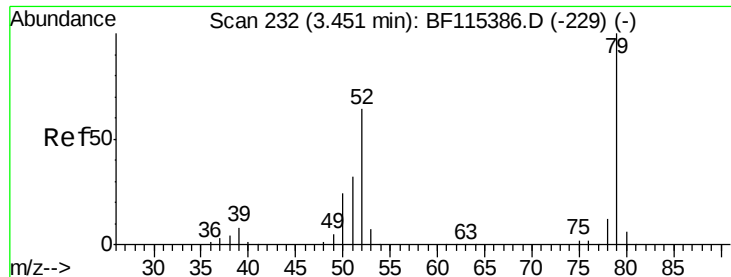
Abundance

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: 79.908 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.02 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1098019

Ion Ratio Lower Upper

79 100

52 63.1 50.9 76.3

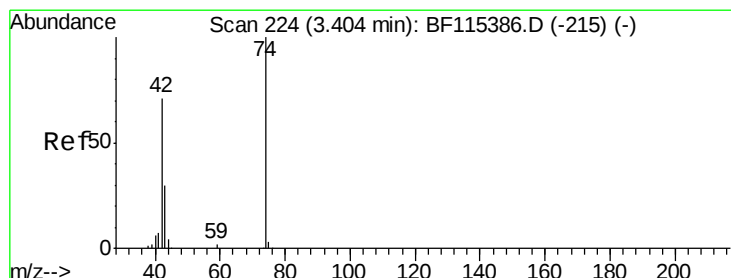
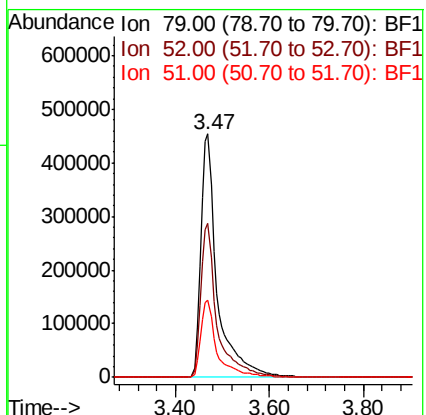
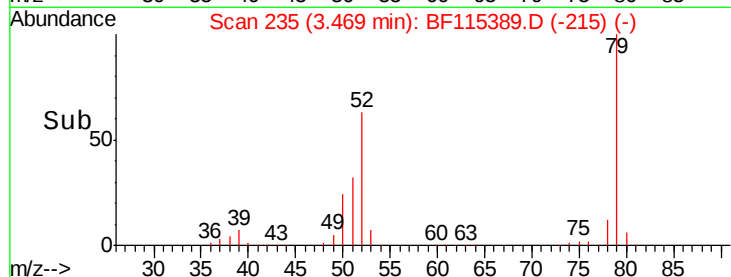
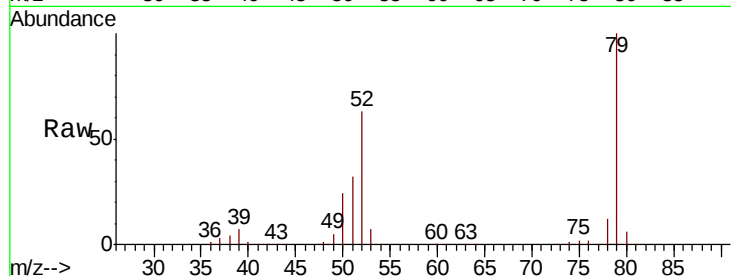
51 31.6 25.8 38.6

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#4

n-Nitrosodimethylamine

Concen: 83.337 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.03 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

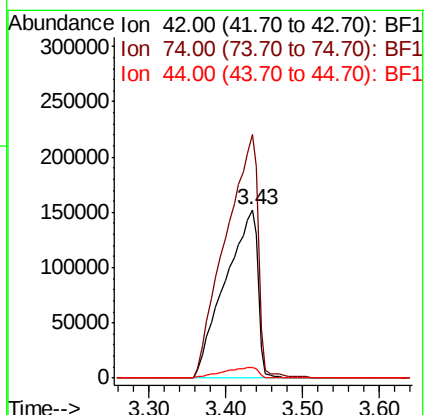
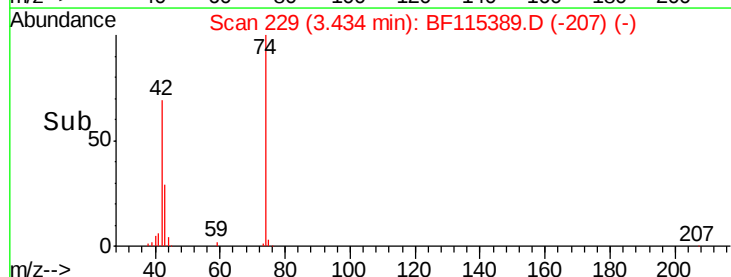
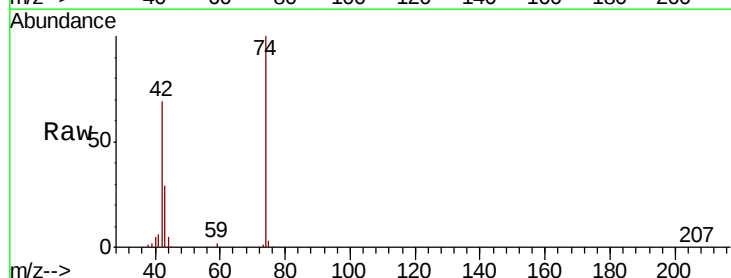
Tgt Ion: 42 Resp: 448922

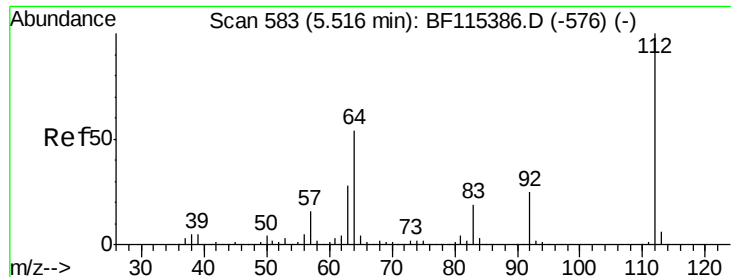
Ion Ratio Lower Upper

42 100

74 144.7 112.8 169.2

44 6.6 5.4 8.0





#5

2-Fluorophenol

Concen: 149.191 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1541158

Ion Ratio Lower Upper

112 100

64 56.7 43.0 64.6

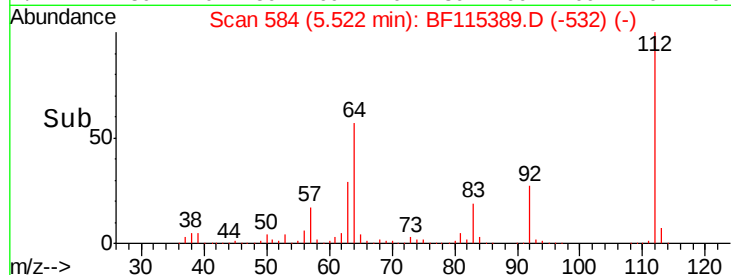
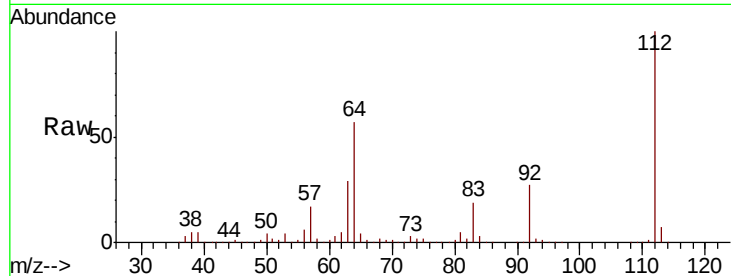
63 28.8 22.2 33.2

Manual Integrations

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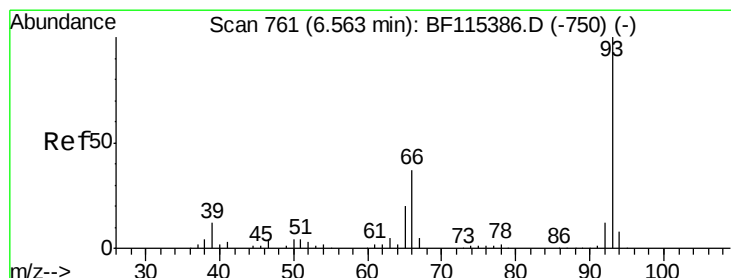
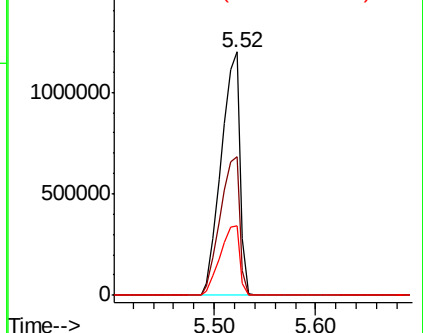
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 82.447 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

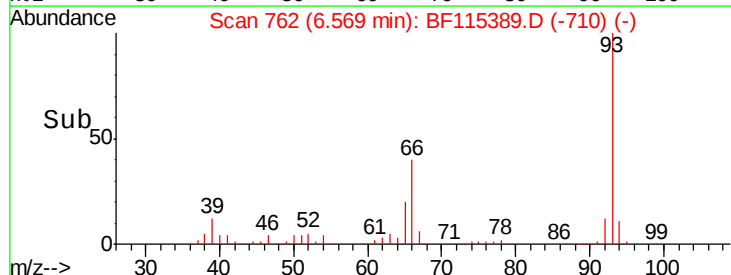
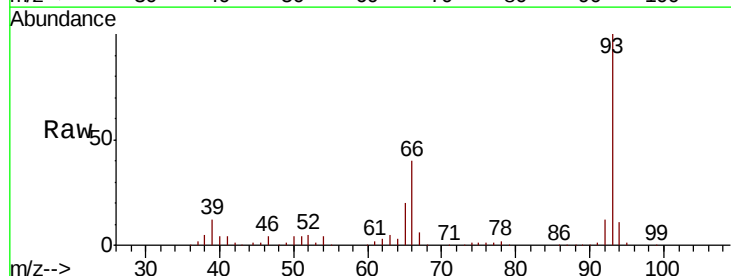
Tgt Ion: 93 Resp: 1420739

Ion Ratio Lower Upper

93 100

66 39.7 30.8 46.2

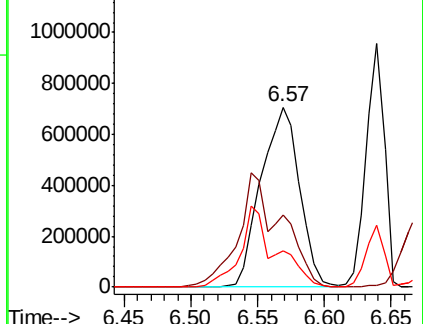
65 20.4 16.0 24.0

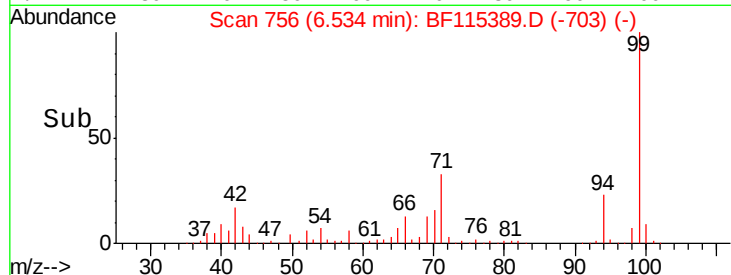
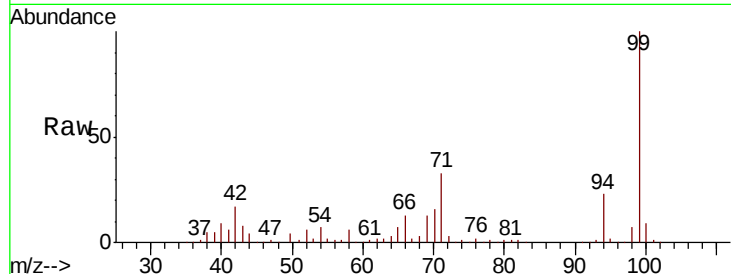
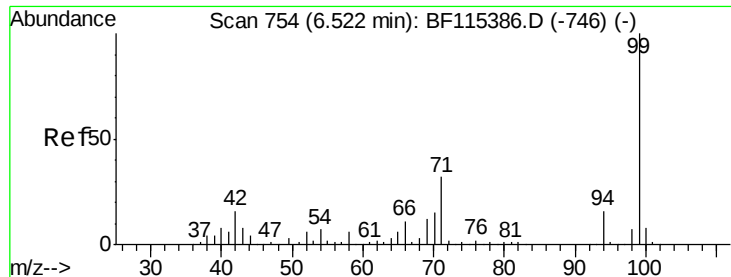


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 156.857 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Tot Ion: 99 Resp: 1966708

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 33.1 25.9 38.9

Instrument :

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ClientSampleId :

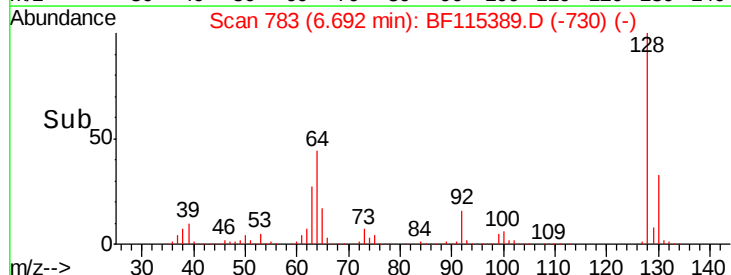
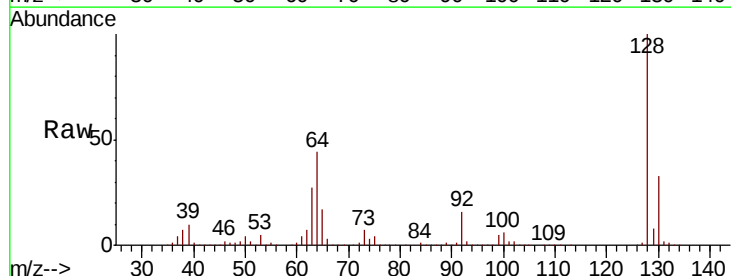
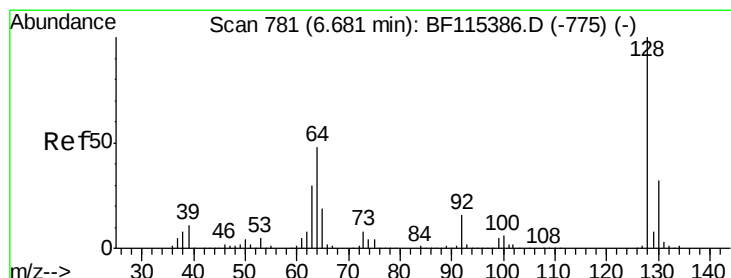
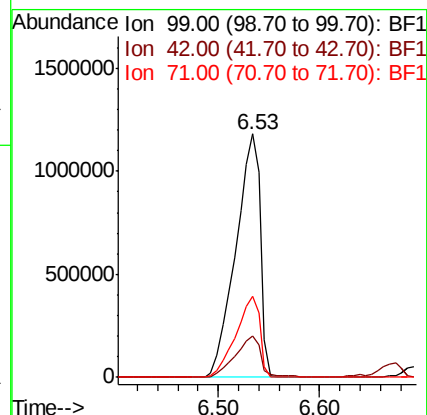
SSTDICC080

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#8

2-Chlorophenol

Concen: 74.799 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

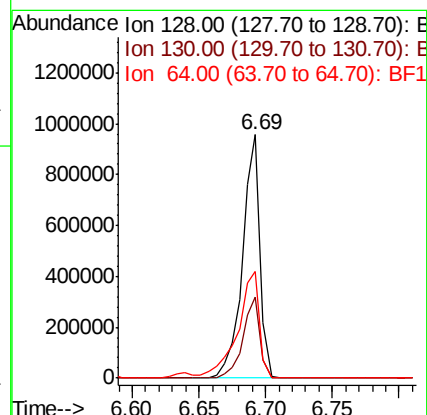
Tgt Ion:128 Resp: 868846

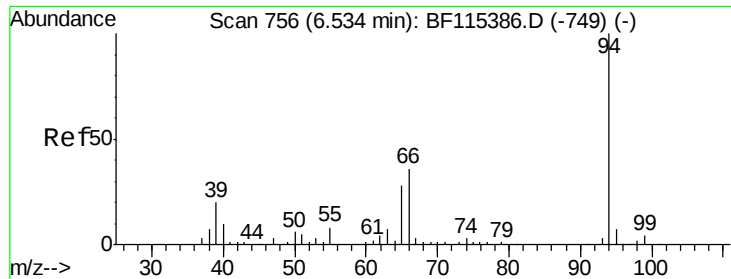
Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

64 43.6 28.8 68.8





#10

Phenol

Concen: 80.899 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

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Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 94 Resp: 1188160

Ion Ratio Lower Upper

94 100

65 32.5 8.0 48.0

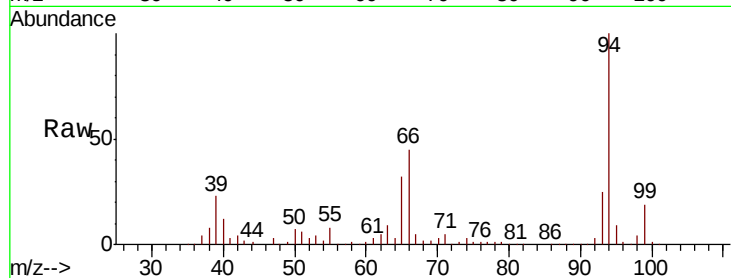
66 45.4 16.2 56.2

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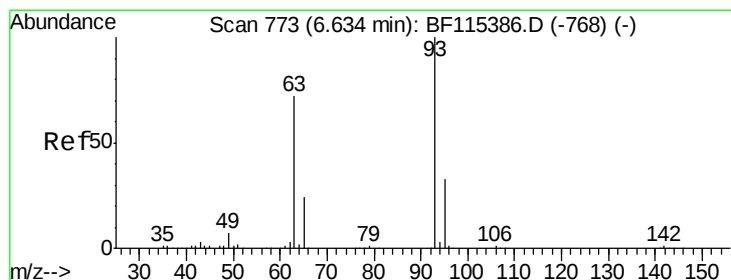
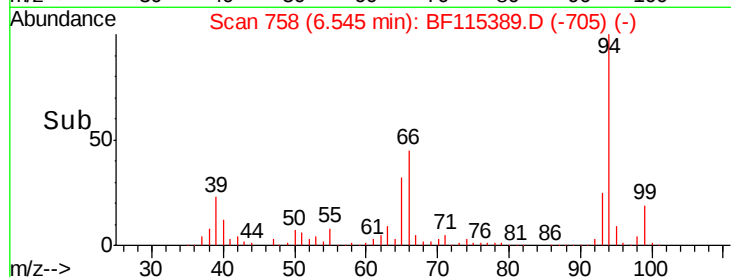
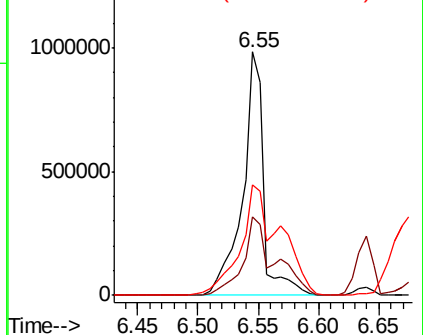
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Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 82.715 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

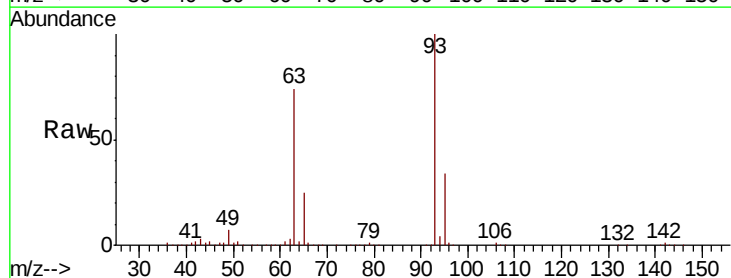
Tgt Ion: 93 Resp: 895496

Ion Ratio Lower Upper

93 100

63 73.9 51.5 91.5

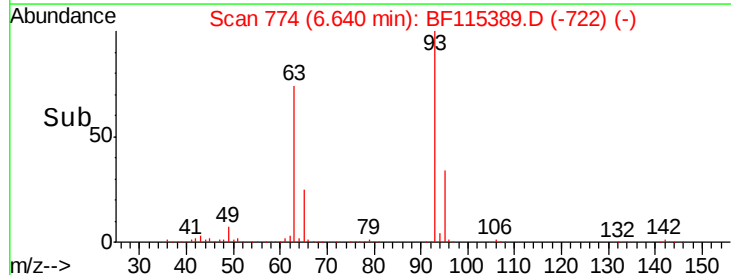
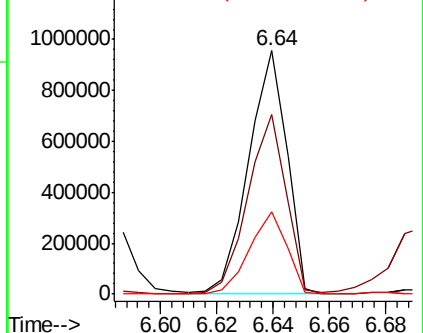
95 33.7 12.9 52.9

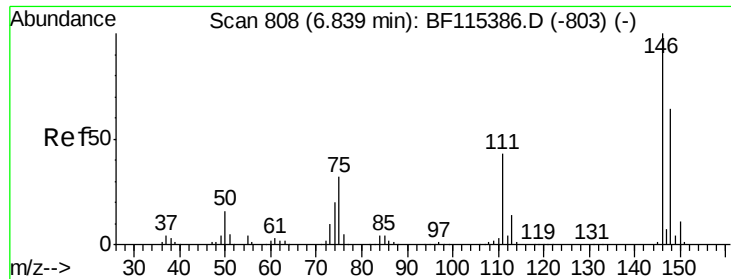


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 74.116 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

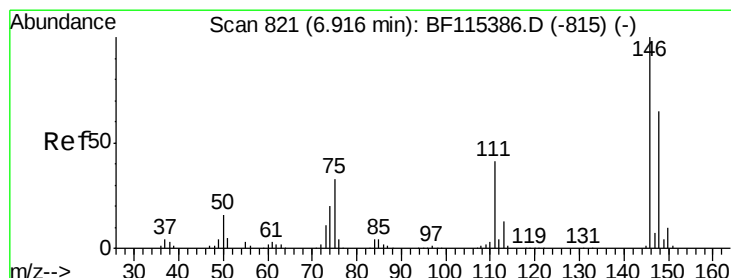
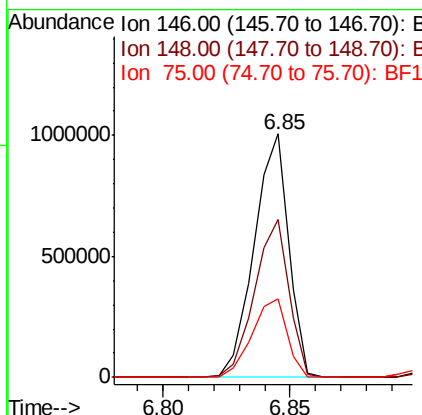
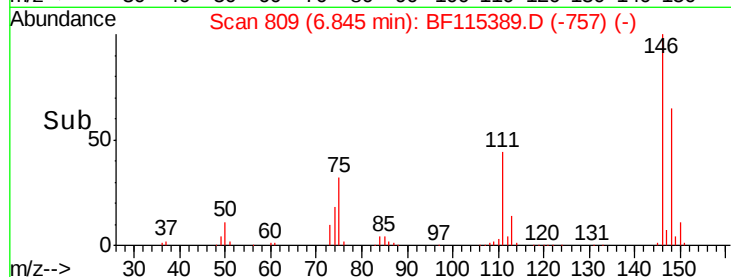
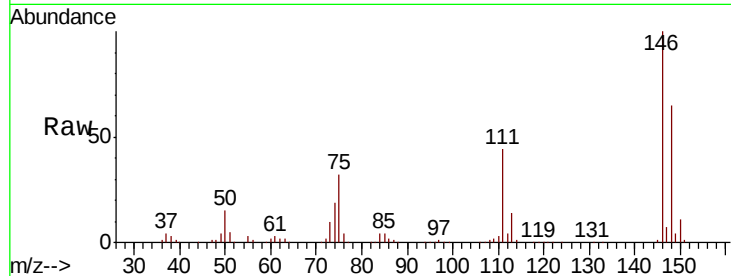
SSTDICC080

Tot Ion:	146	Resp:	955448
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
75	32.2	25.9	38.9

Manual Integrations
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#13

1,4-Dichlorobenzene

Concen: 74.099 ng

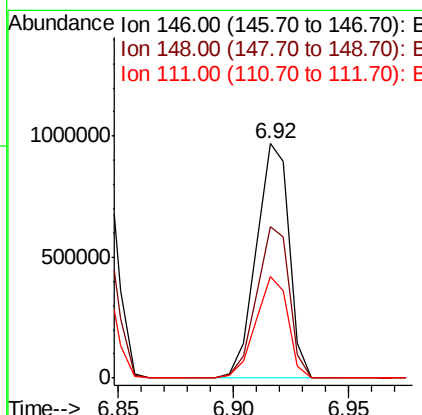
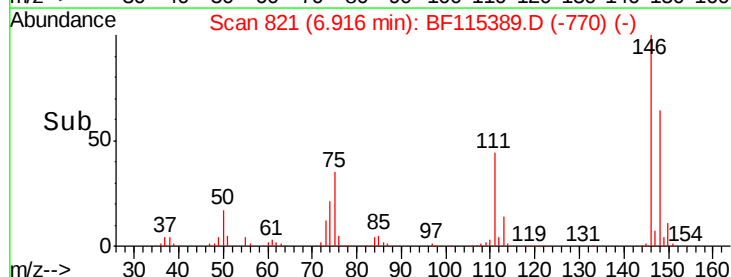
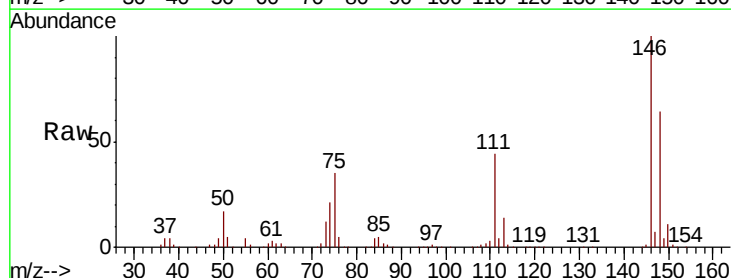
RT: 6.92 min Scan# 821

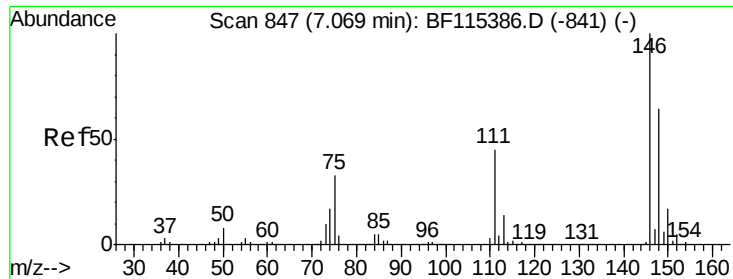
Delta R.T. 0.00 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Tgt Ion:	146	Resp:	957877
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.3	78.5
111	43.6	33.0	49.4





#14
1,2-Dichlorobenzene
Concen: 71.383 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

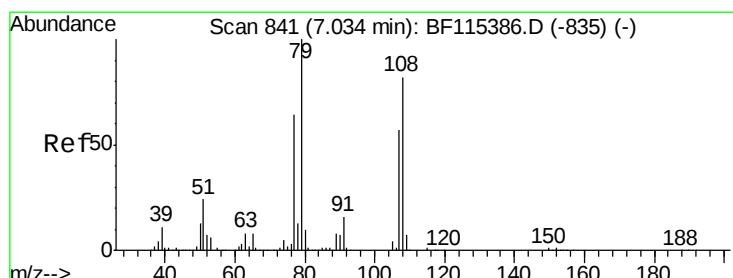
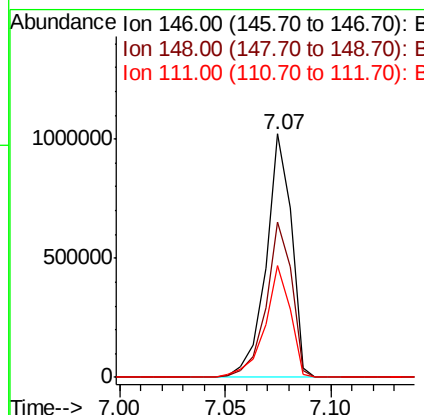
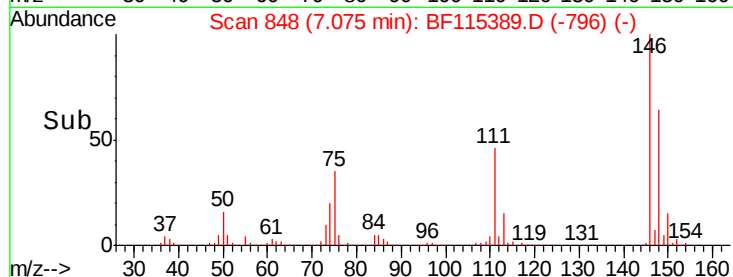
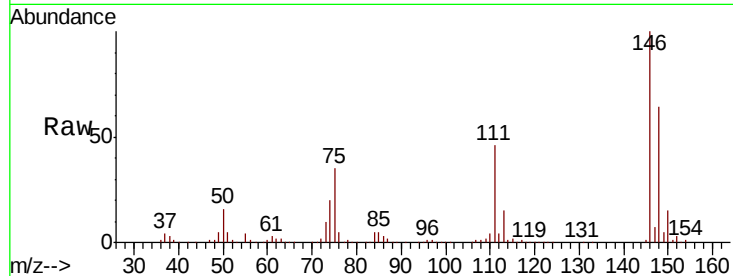
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	45.7	36.2	54.2

Manual Integrations
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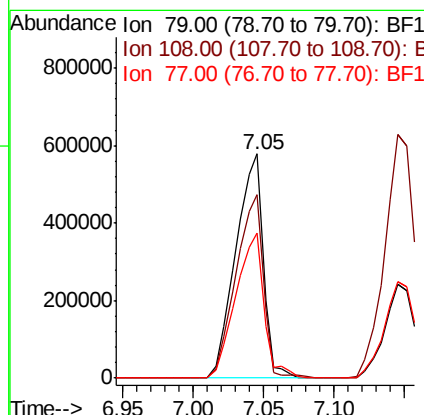
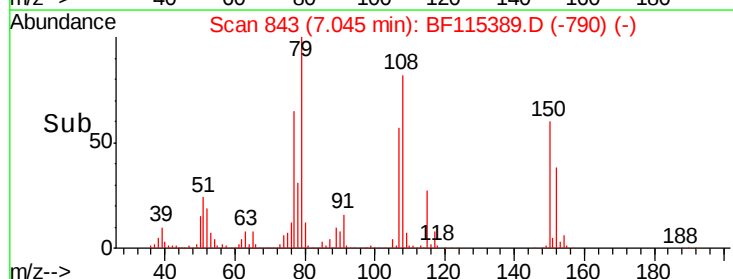
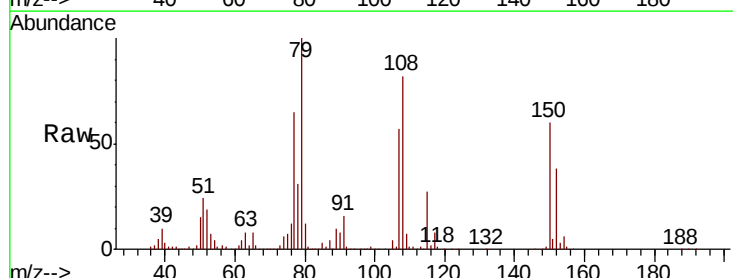
mohammad

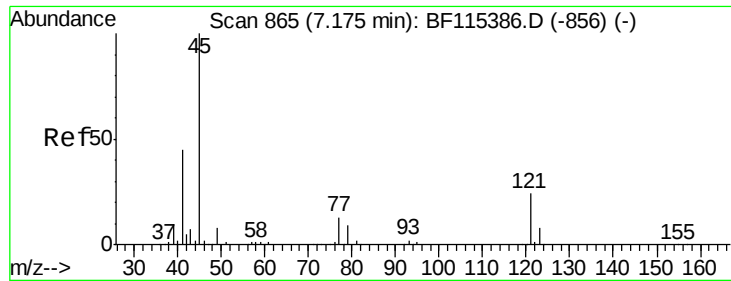
7/8/2019 2:12:49 PM



#15
Benzyl Alcohol
Concen: 85.921 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.7	65.4	98.2
77	64.7	51.5	77.3





#16
2,2'-oxvbis(1-Chloropropane)
Concen: 78.349 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

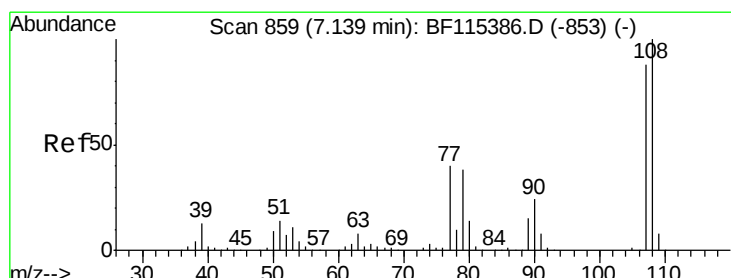
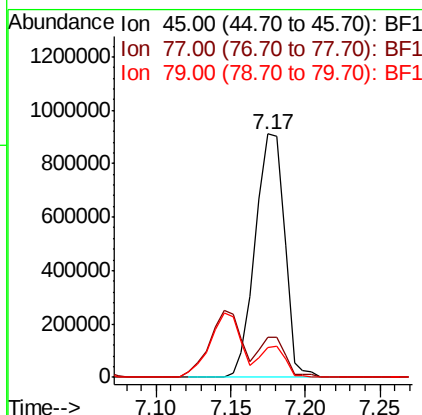
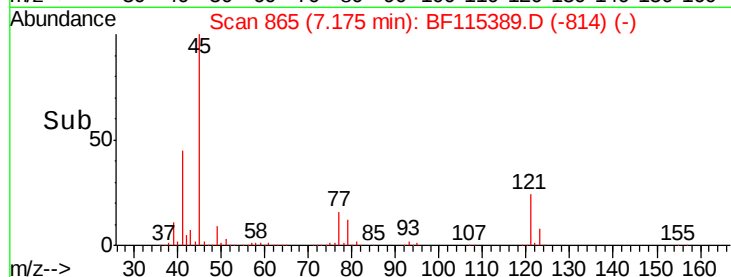
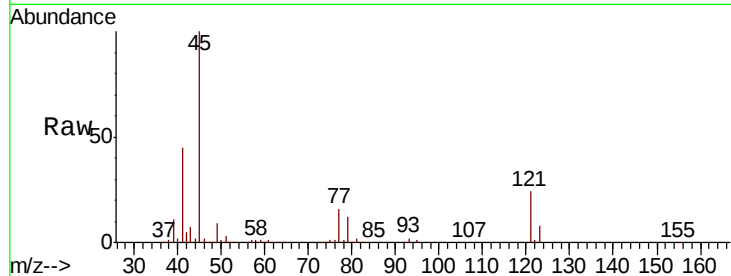
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.0
79	12.0	0.0	32.0

Manual Integrations
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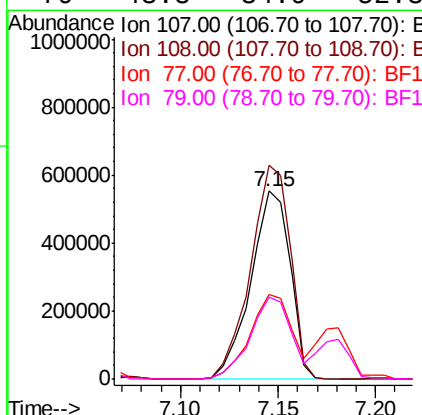
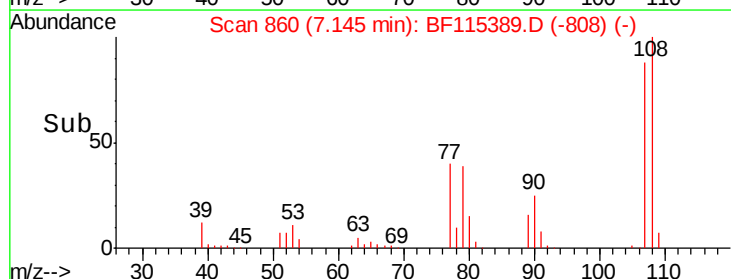
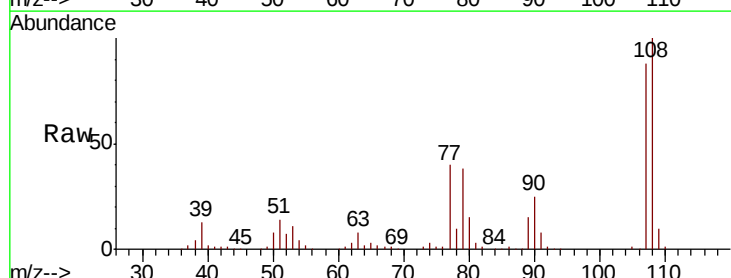
mohammad

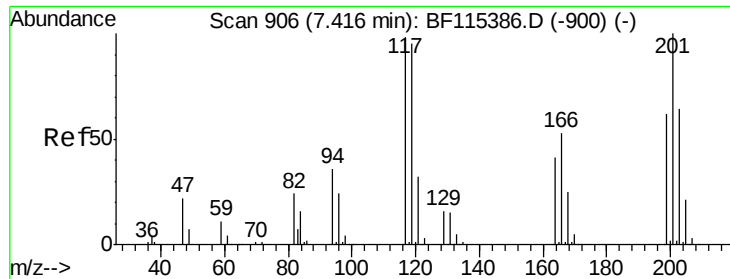
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#17
2-Methylphenol
Concen: 80.707 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.7	136.1
77	45.1	36.3	54.5
79	43.8	34.9	52.3





#18
Hexachloroethane
Concen: 79.488 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

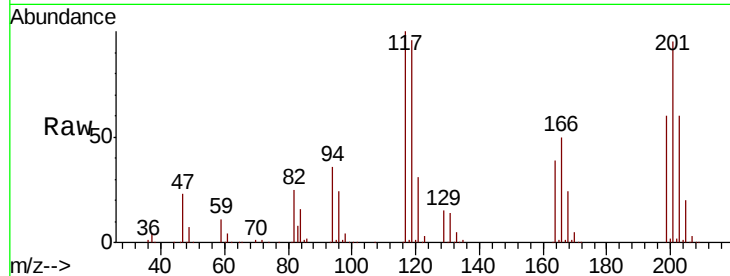
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
117	100	370444		
119	96.2	77.1	115.7	
201	95.4	81.3	121.9	

Manual Integrations
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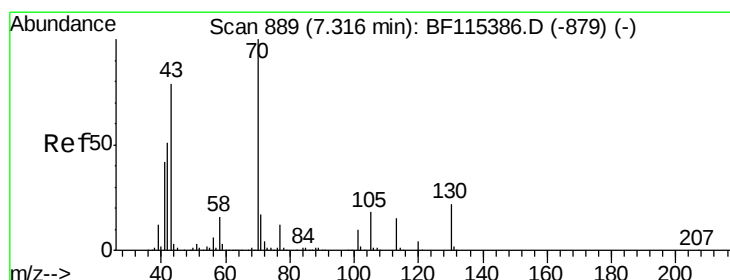
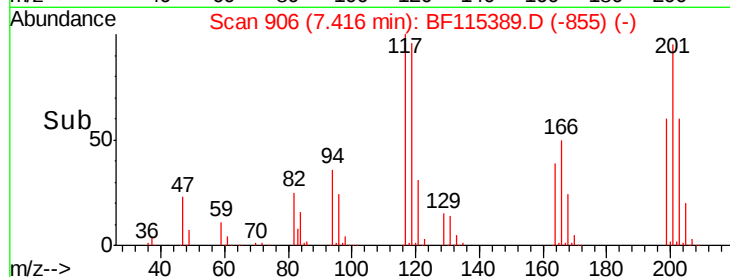
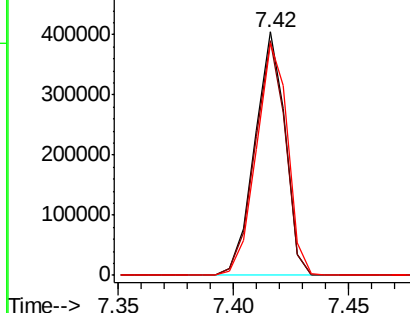


Abundance

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: 83.835 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	672952		
42	51.6	41.1	61.7	
101	9.9	8.0	12.0	
130	22.5	17.8	26.8	

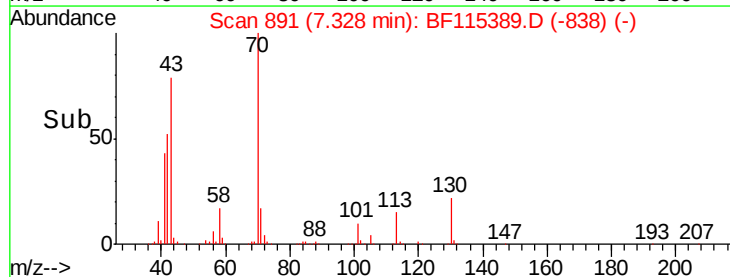
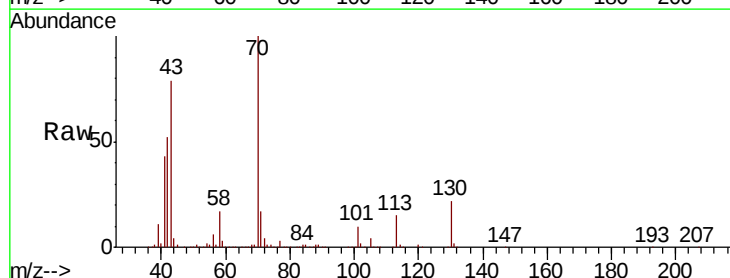
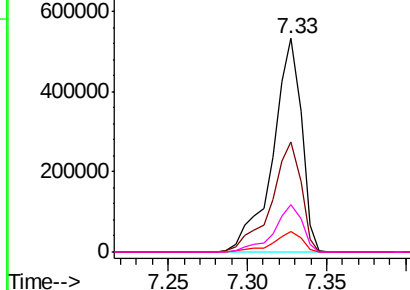
Abundance

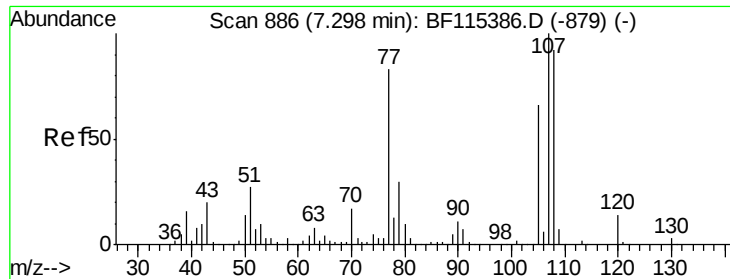
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20
3+4-Methylphenols
Concen: 75.163 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

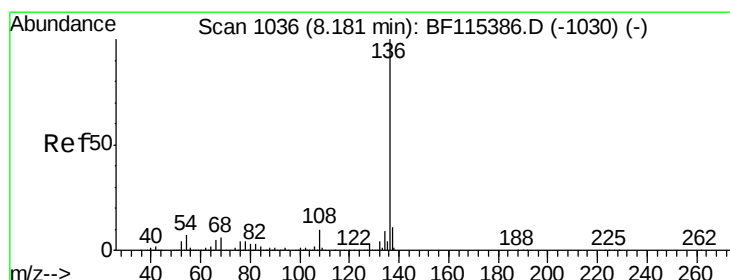
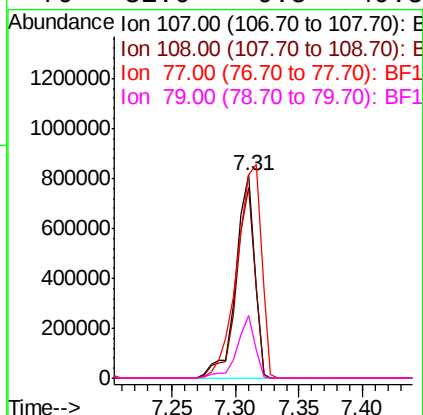
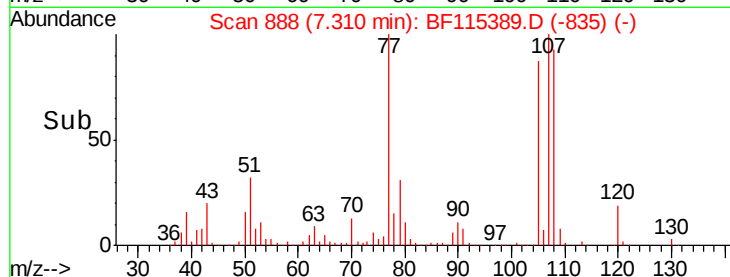
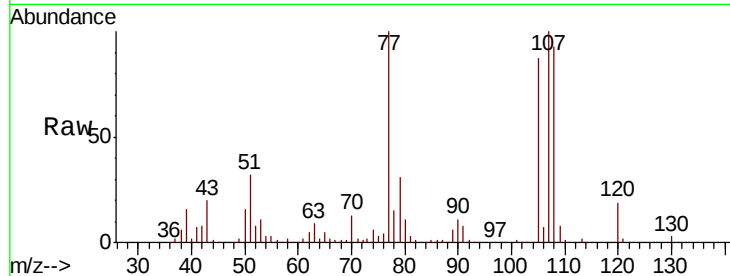
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.5	112.5
77	100.3	62.7	102.7
79	31.0	9.5	49.5

Manual Integrations
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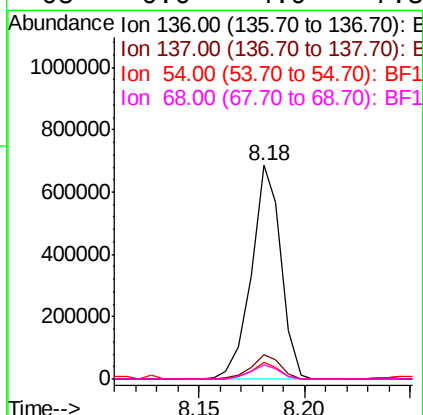
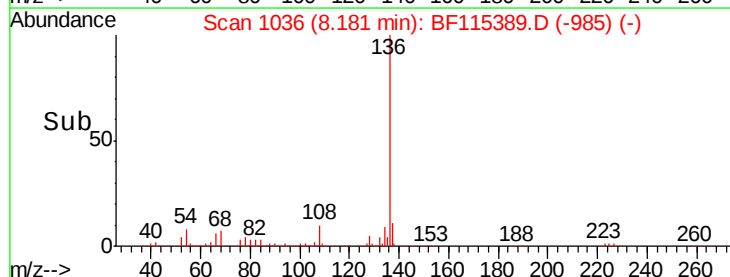
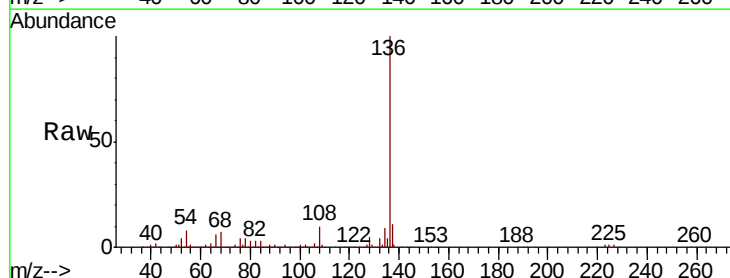
mohammad

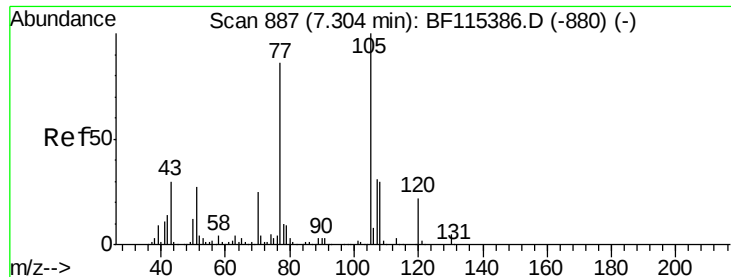
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.5	5.6	8.4
68	6.6	4.9	7.3





#22
Acetophenone
Concen: 75.178 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

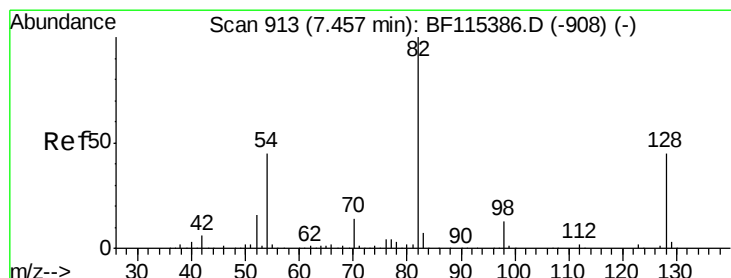
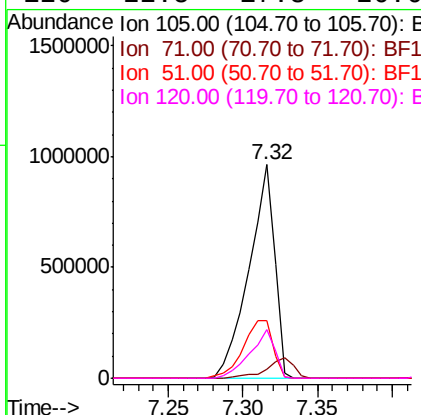
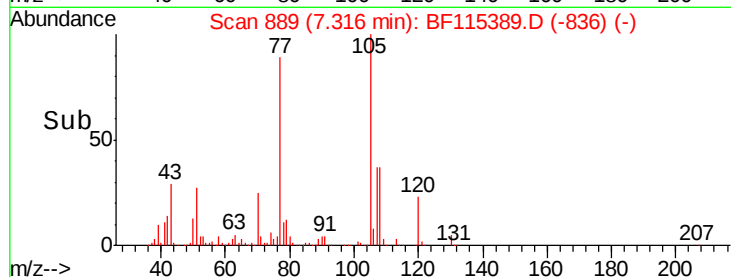
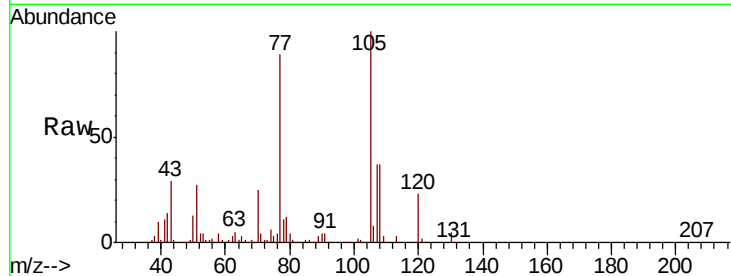
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion:105 Resp: 1143473
Ion Ratio Lower Upper
105 100
71 4.2 3.3 4.9
51 27.0 21.5 32.3
120 22.5 17.8 26.6

Manual Integrations
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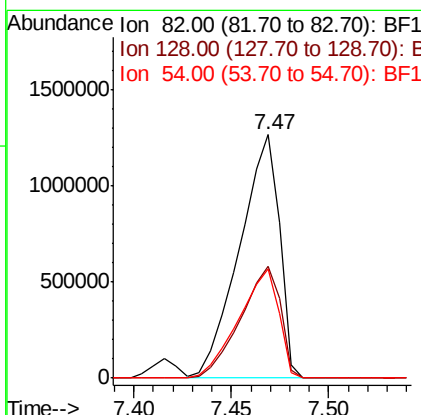
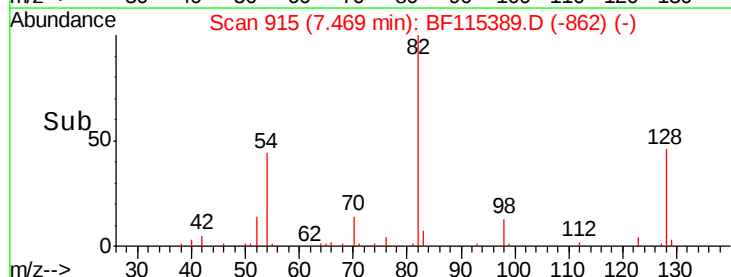
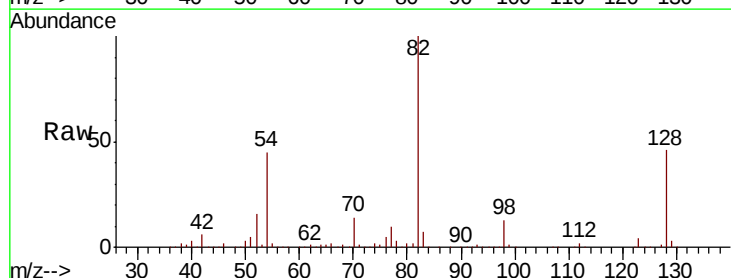
mohammad

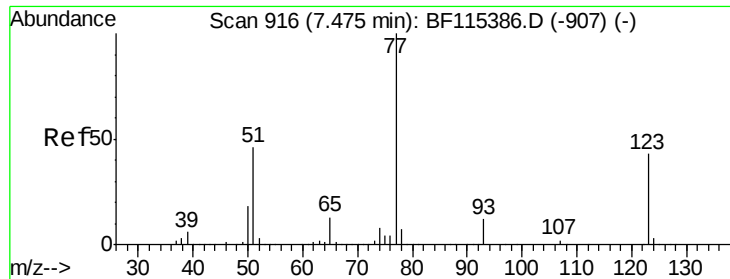
7/8/2019 2:12:49 PM



#23
Nitrobenzene-d5
Concen: 165.666 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion: 82 Resp: 1789277
Ion Ratio Lower Upper
82 100
128 46.1 35.7 53.5
54 44.6 36.3 54.5





#24
Nitrobenzene
Concen: 82.024 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

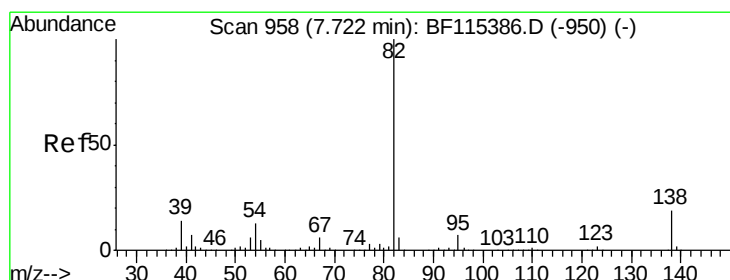
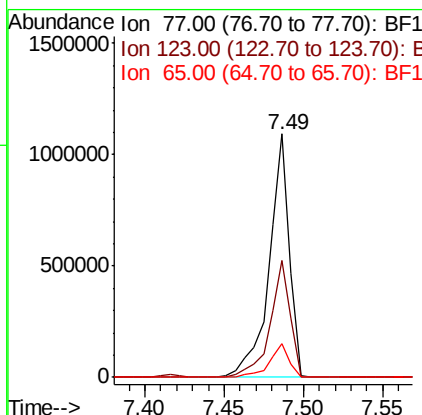
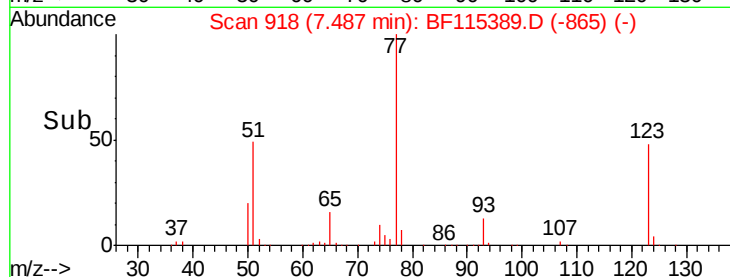
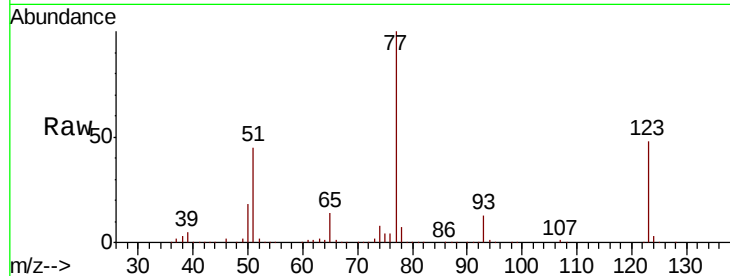
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	47.9	35.0	52.6
65	13.7	10.8	16.2

Manual Integrations
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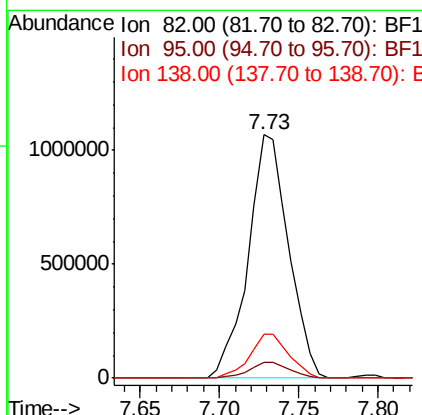
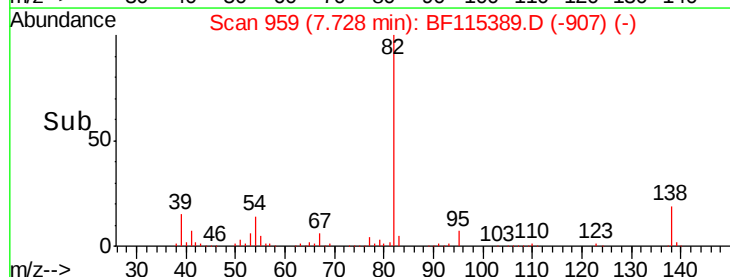
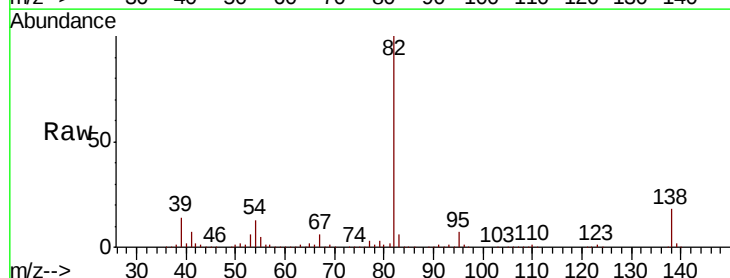
mohammad

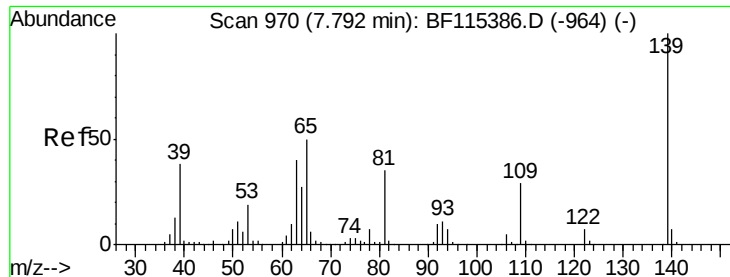
7/8/2019 2:12:49 PM



#25
Isophorone
Concen: 85.678 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	17.9	14.9	22.3





#26
2-Nitrophenol
Concen: 78.197 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

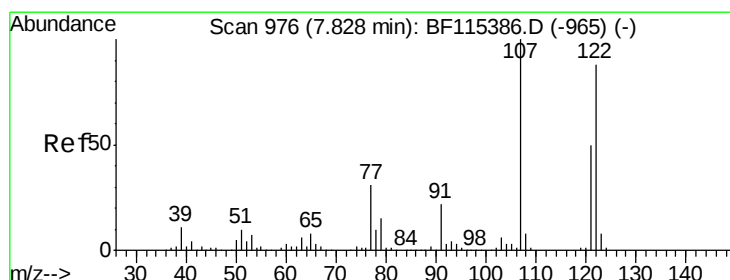
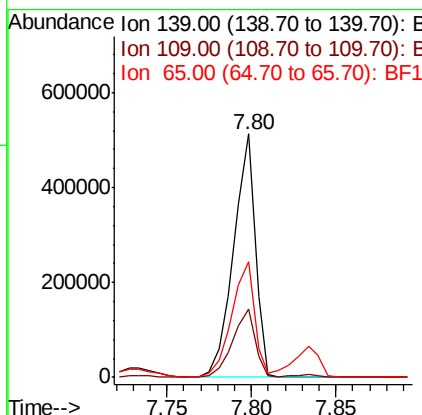
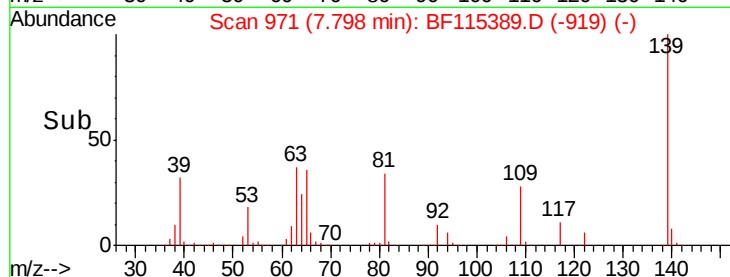
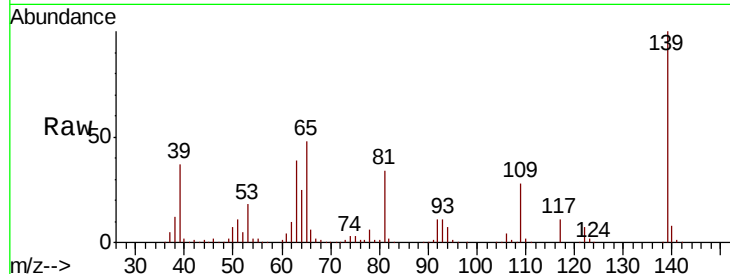
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	459496		
109	28.2	22.9	34.3	
65	47.5	40.2	60.4	

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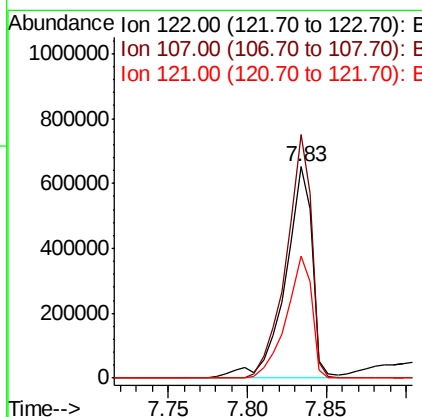
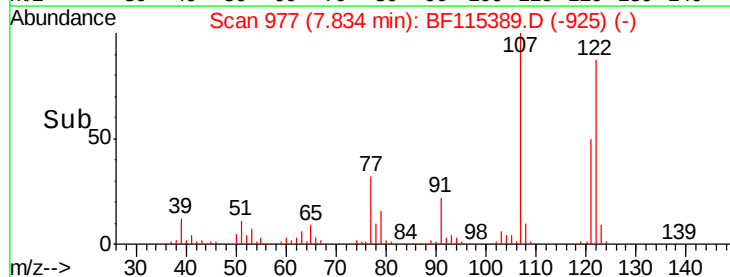
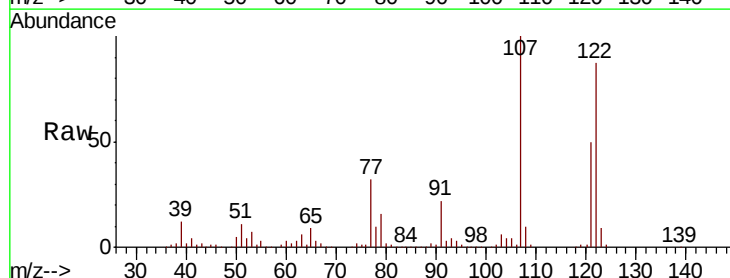
mohammad

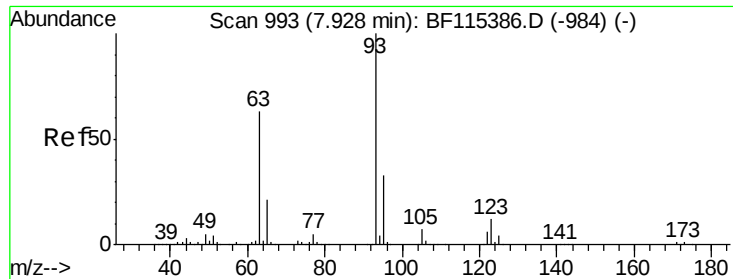
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#27
2,4-Dimethylphenol
Concen: 80.127 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	770894		
107	115.2	91.0	136.6	
121	57.8	45.9	68.9	





#28
bis(2-Chloroethoxy)methane
Concen: 81.283 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

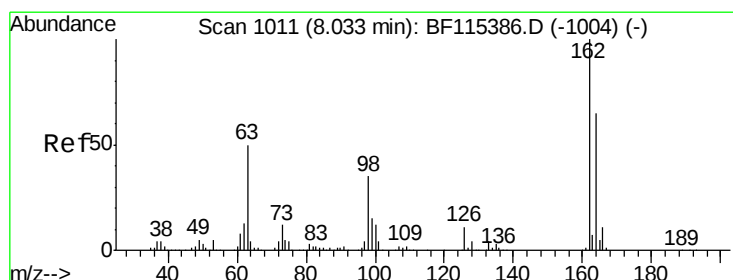
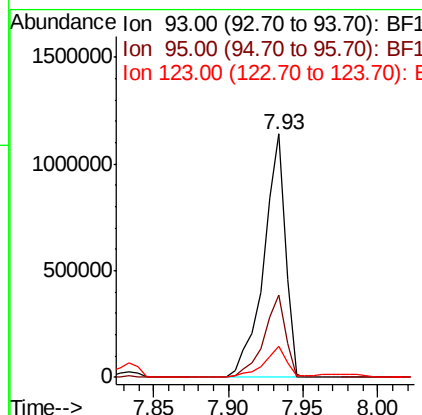
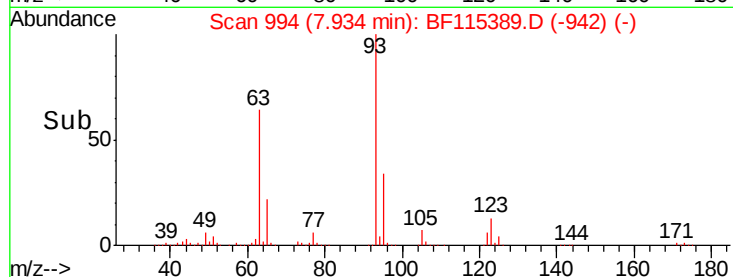
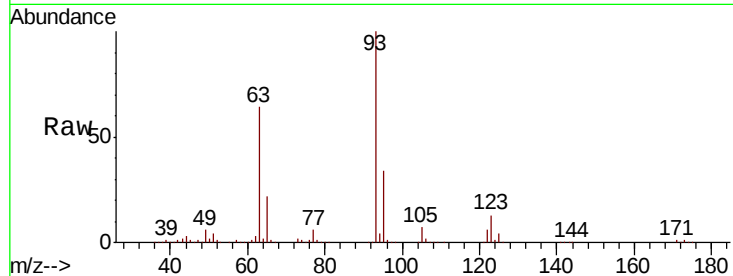
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.6	39.8
123	12.5	10.0	15.0

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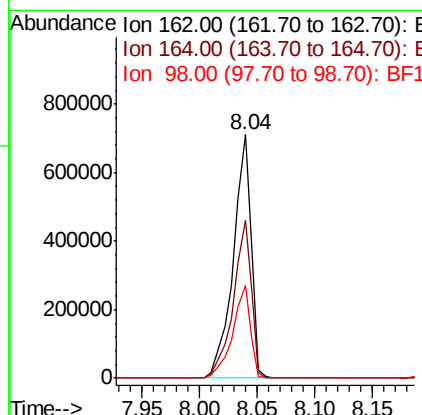
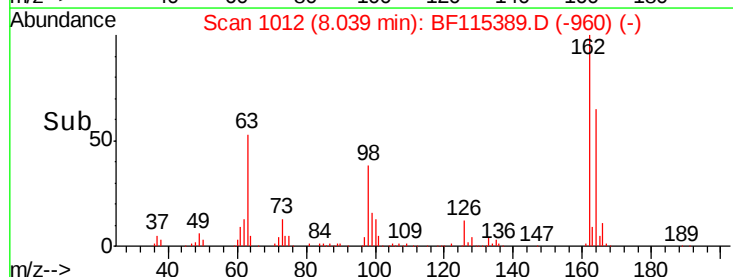
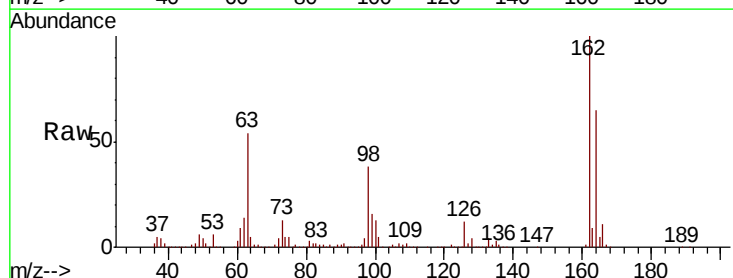
mohammad

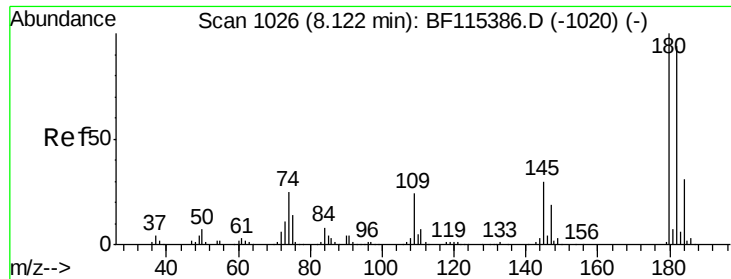
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#29
2,4-Dichlorophenol
Concen: 76.884 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	38.2	15.0	55.0





#30
1,2,4-Trichlorobenzene
Concen: 75.878 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

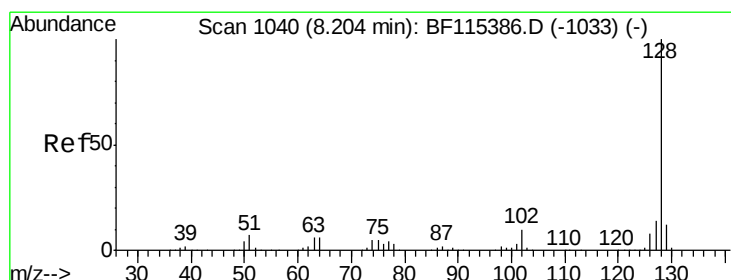
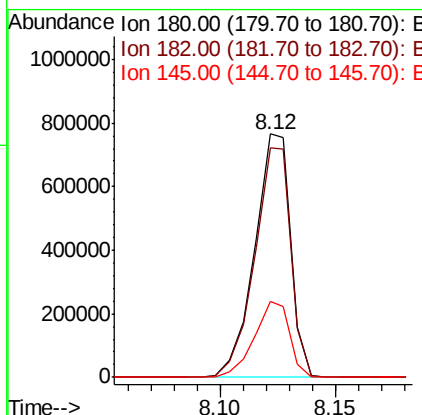
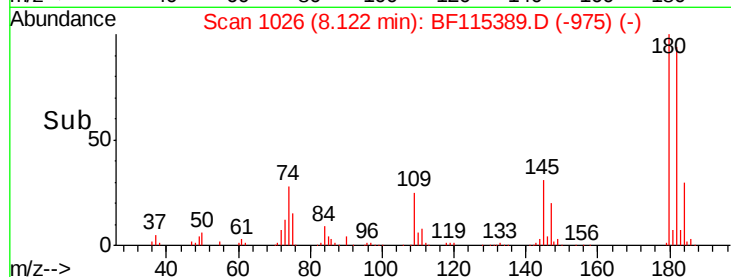
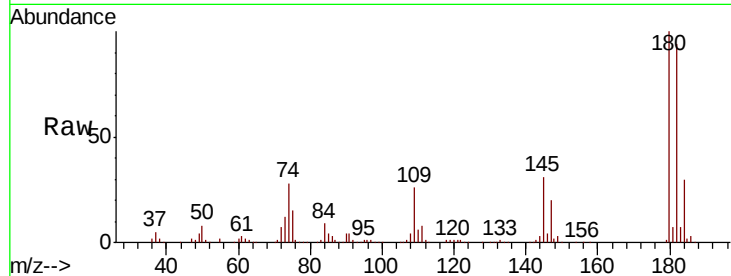
Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.6	113.4
145	31.0	23.8	35.6

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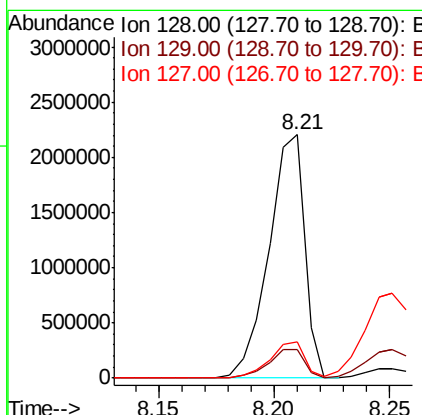
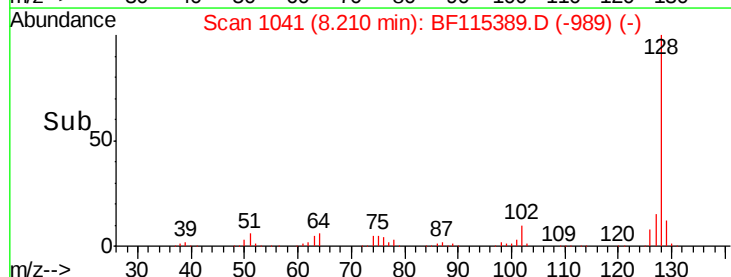
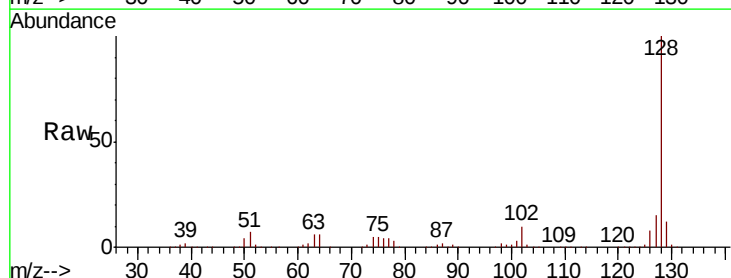
mohammad

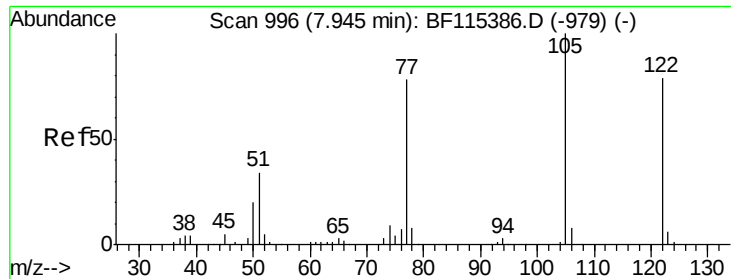
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#31
Naphthalene
Concen: 72.897 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.6	11.2	16.8





#32

Benzoic acid

Concen: 90.691 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.04 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

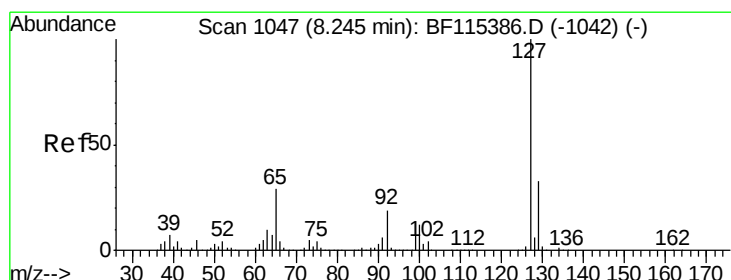
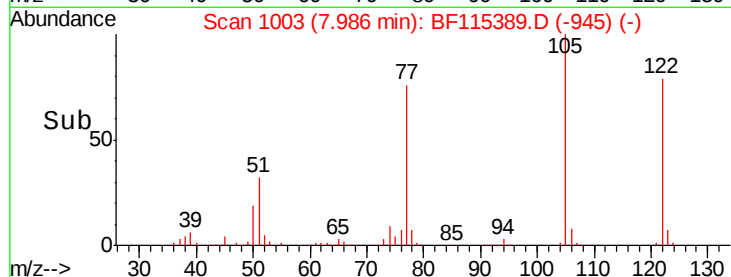
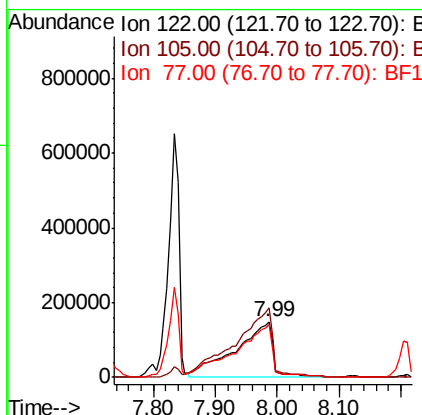
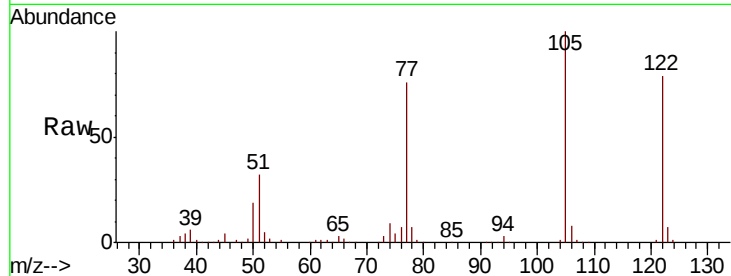
SSTDIC080

Tot Ion:	122	Resp:	622823
Ion Ratio	Lower	Upper	
122	100		
105	125.8	105.1	145.1
77	96.0	77.8	117.8

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#33

4-Chloroaniline

Concen: 74.854 ng

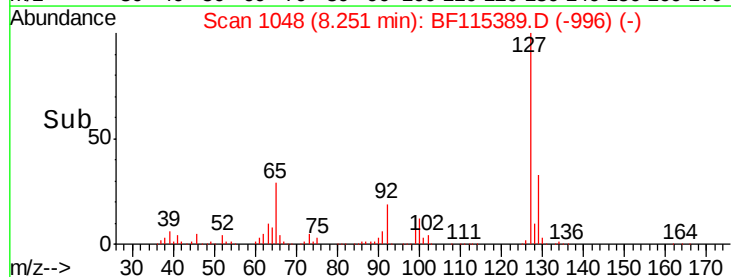
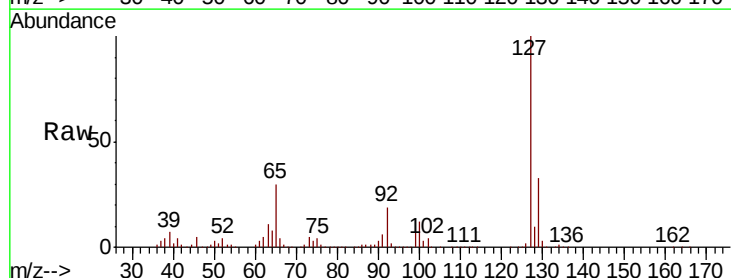
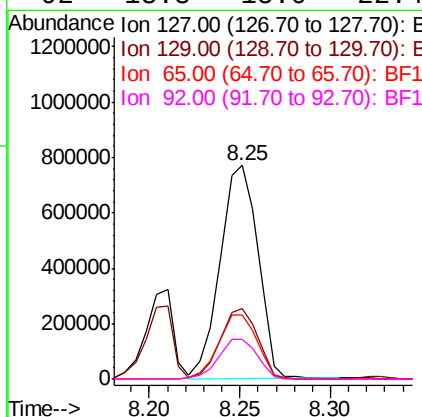
RT: 8.25 min Scan# 1048

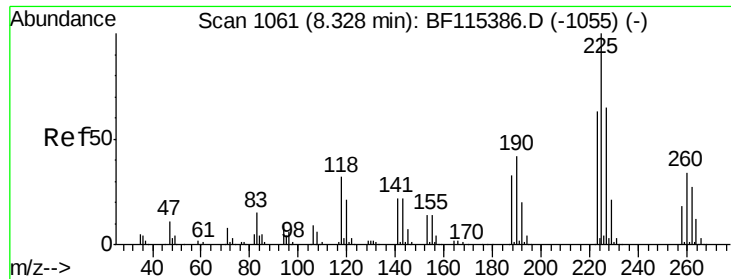
Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Tgt Ion:	127	Resp:	1115716
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.5	39.7
65	29.9	23.3	34.9
92	18.8	15.0	22.4





#34
Hexachlorobutadiene
Concen: 78.136 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

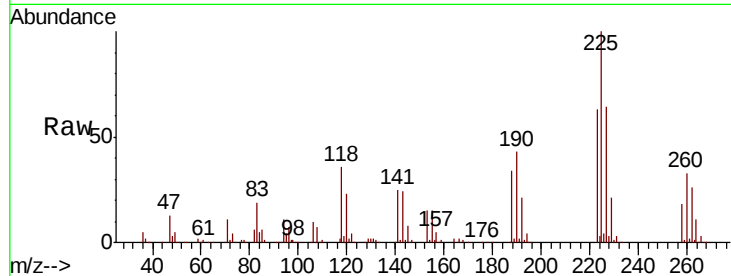
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	225	Resp:	469597
Ion Ratio		Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.3	52.1	78.1

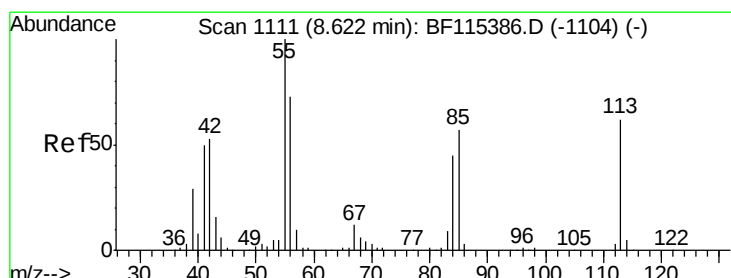
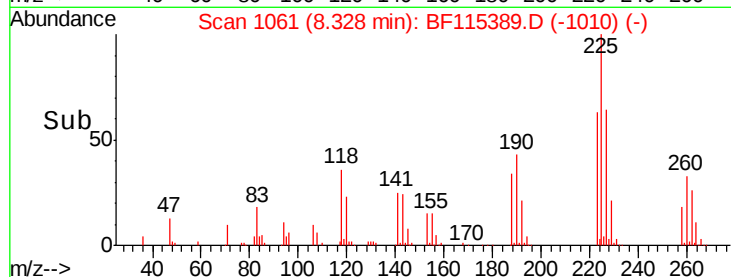
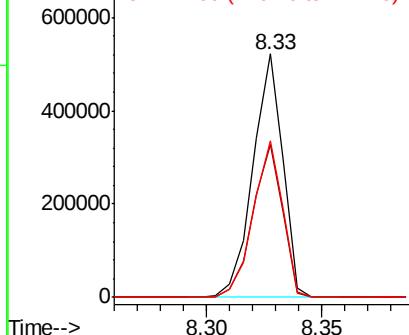
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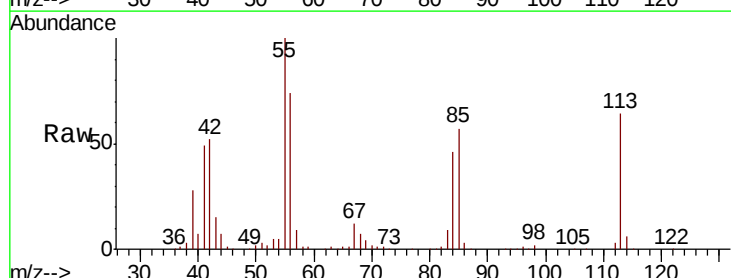


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

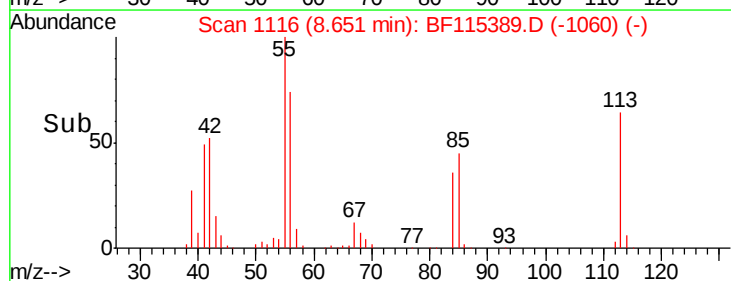
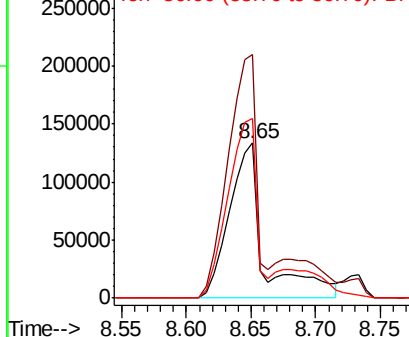


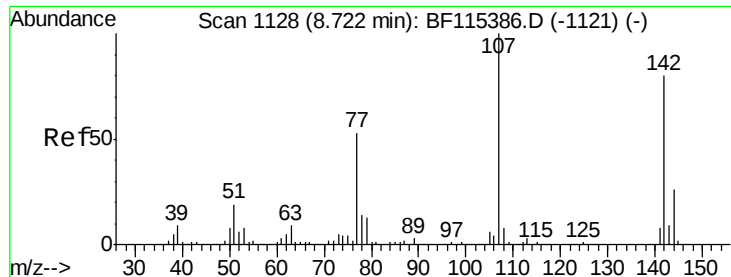
#35
Caprolactam
Concen: 73.966 ng m
RT: 8.65 min Scan# 1116
Delta R.T. 0.03 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion:	113	Resp:	246906
Ion Ratio		Lower	Upper
113	100		
55	157.0	141.9	181.9
56	115.5	98.7	138.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





#36
 4-Chloro-3-methylphenol
 Concen: 78.829 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

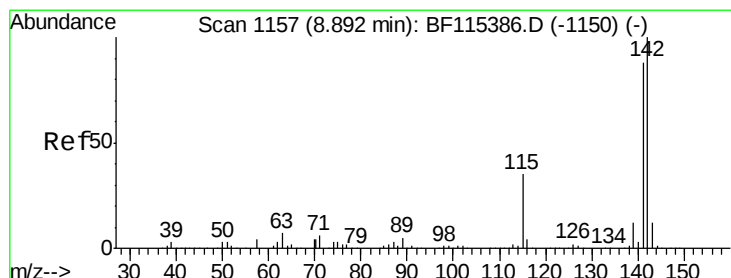
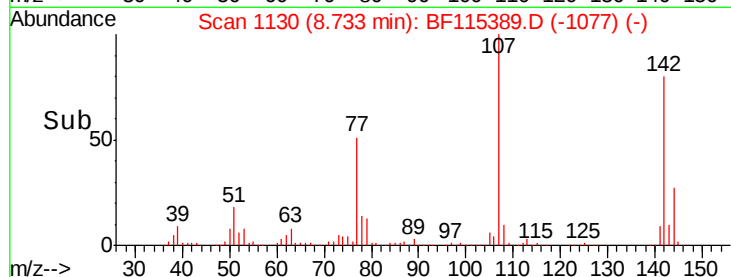
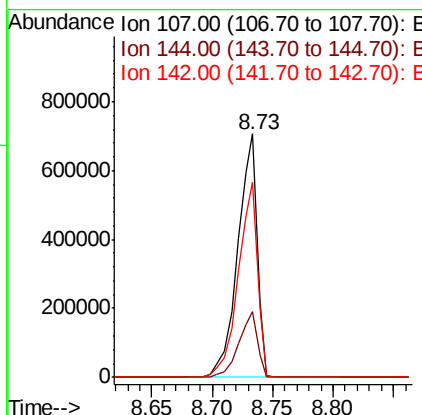
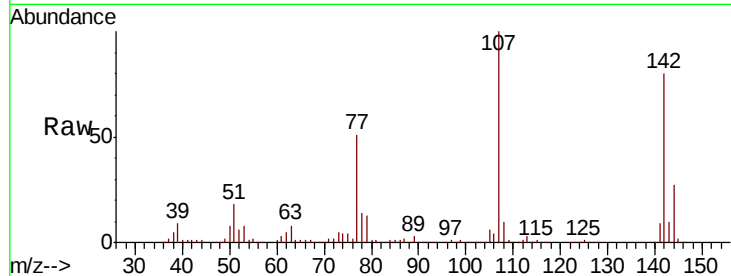
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.8	31.2
142	79.9	64.0	96.0

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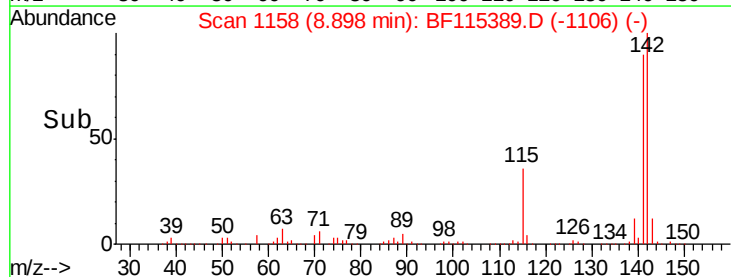
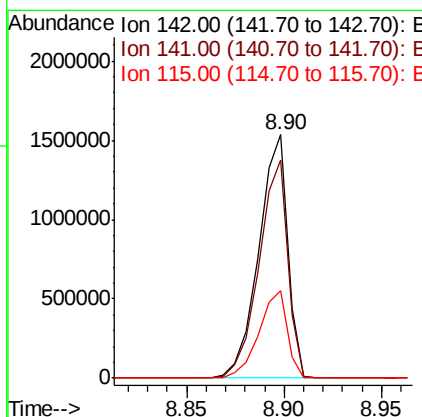
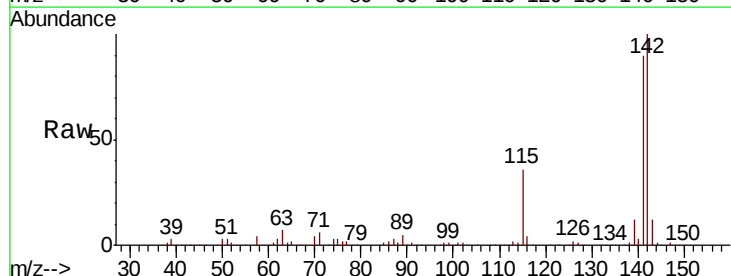
mohammad

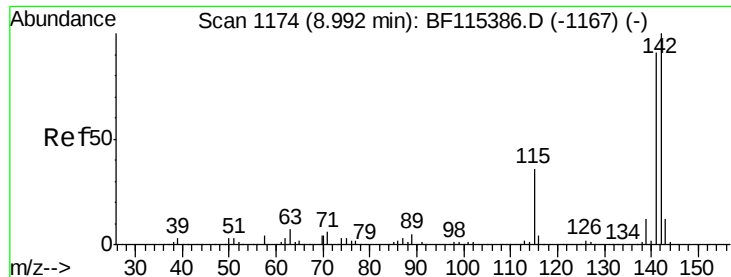
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#37
 2-Methylnaphthalene
 Concen: 71.661 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.6	106.0
115	36.0	27.8	41.8





#38
1-Methylnaphthalene
Concen: 72.044 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

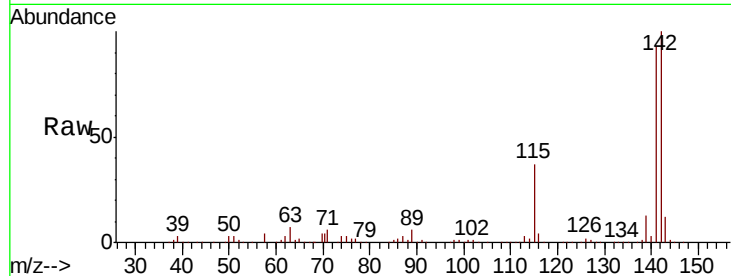
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 1513053
Ion Ratio Lower Upper
142 100
141 92.6 72.7 109.1
116 3.9 3.0 4.4

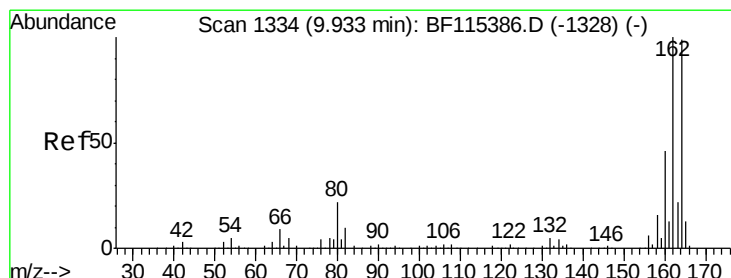
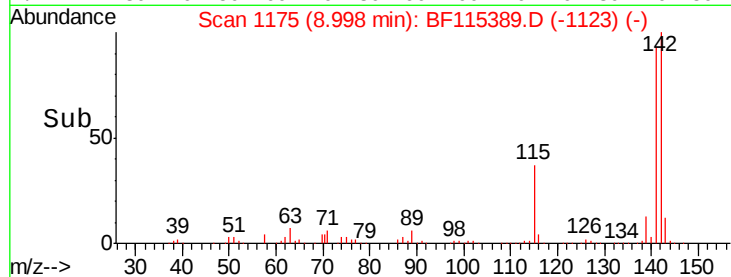
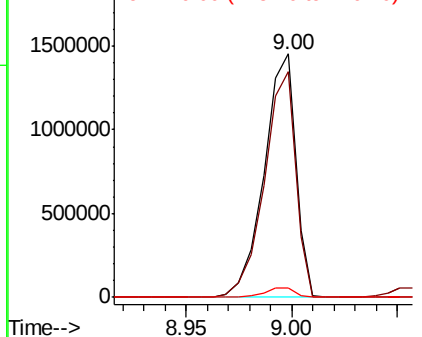
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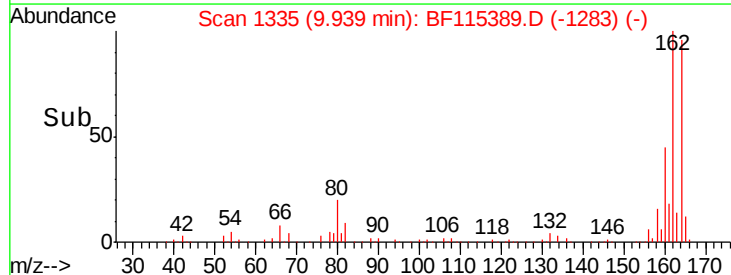
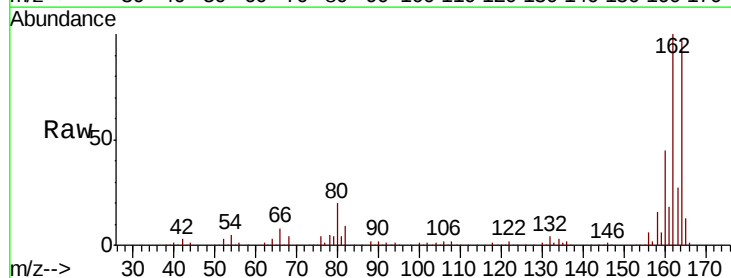
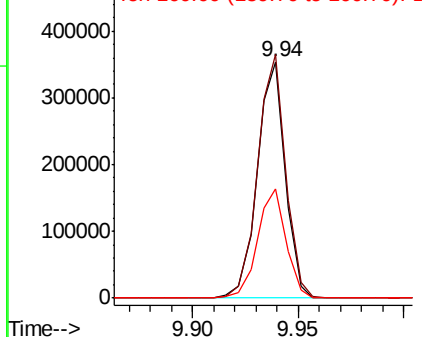
Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

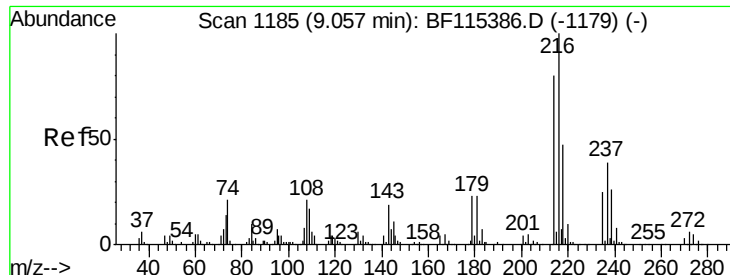


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion:164 Resp: 324483
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 46.5 37.0 55.6

Abundance Ion 164.00 (163.70 to 164.70): E
500000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 75.408 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

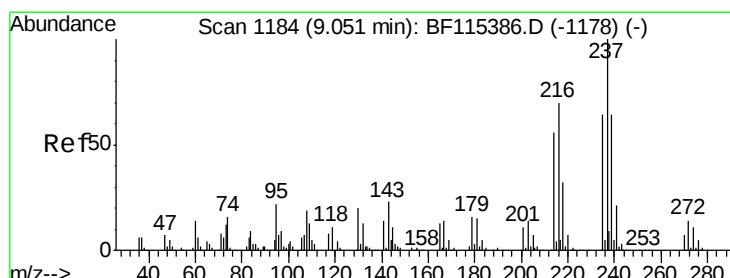
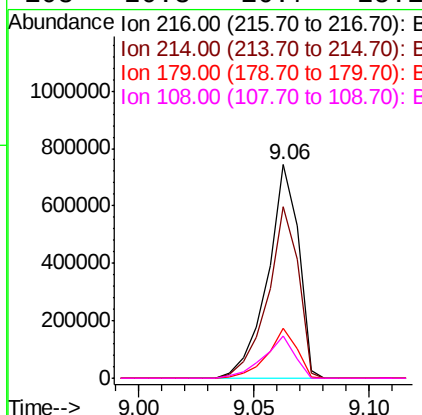
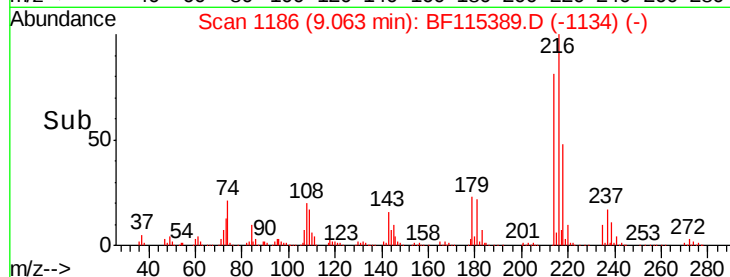
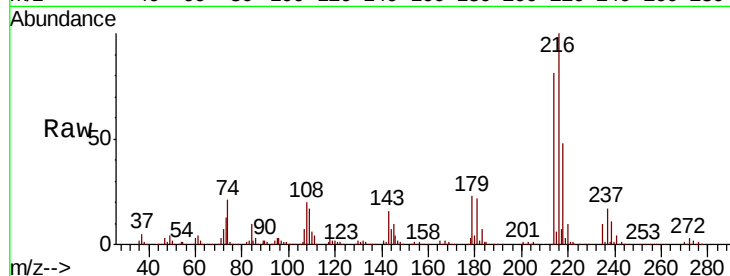
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	216	Resp:	691440
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.7	95.5
179	22.2	17.8	26.8
108	20.3	16.7	25.1

Manual Integrations
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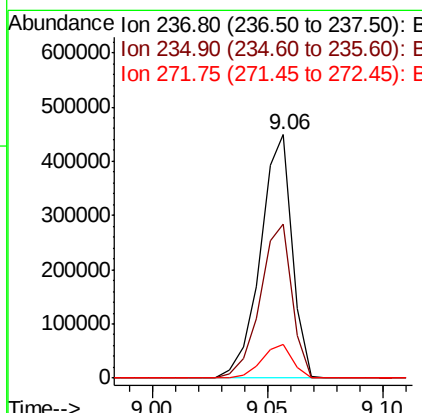
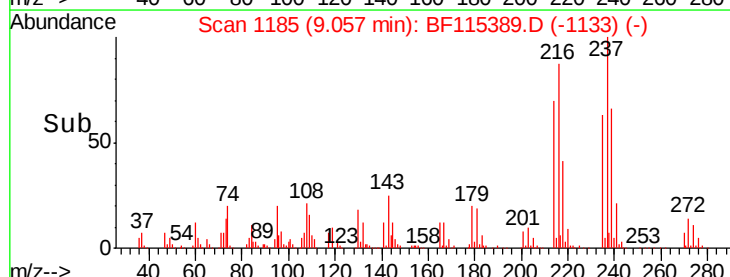
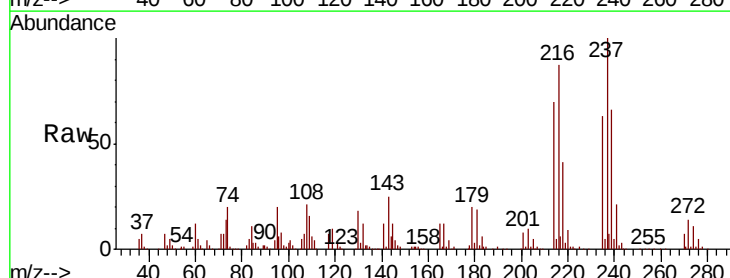
mohammad

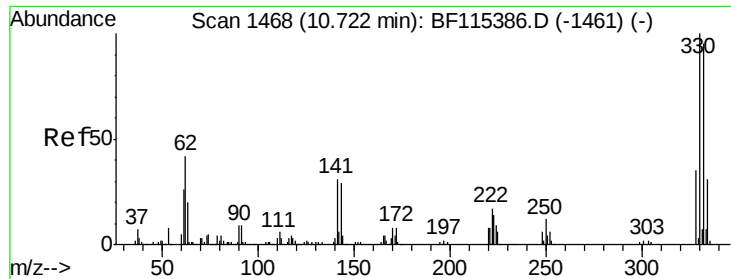
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#41
 Hexachlorocyclopentadiene
 Concen: 78.812 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

Tgt Ion:	237	Resp:	428505
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.4	84.4
272	13.8	0.0	33.7





#42
 2,4,6-Tribromophenol
 Concen: 158.915 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

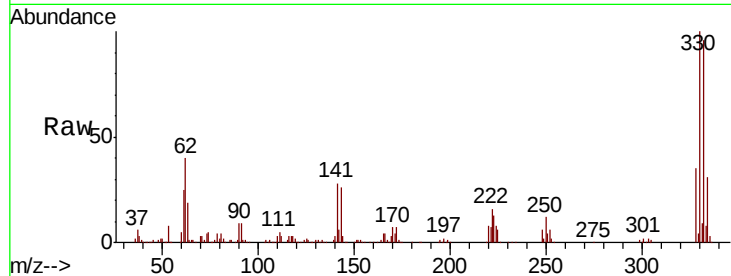
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	543773		
332	95.6		76.3	114.5
141	30.9		27.0	40.4

Manual Integrations
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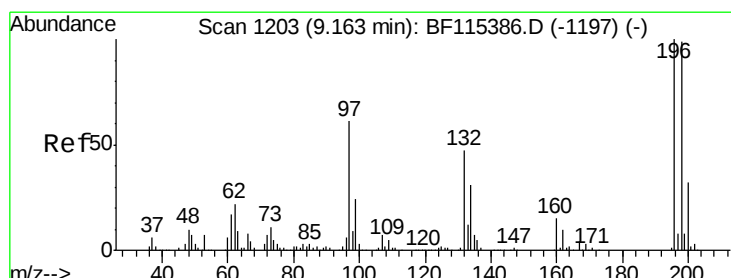
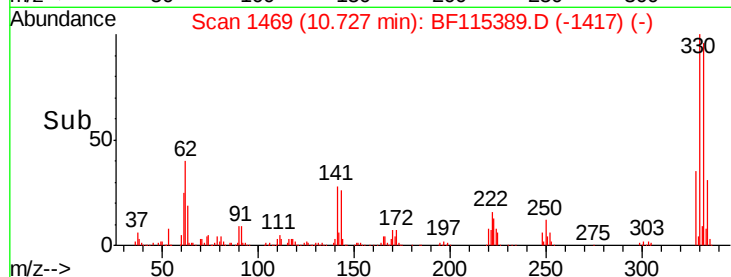
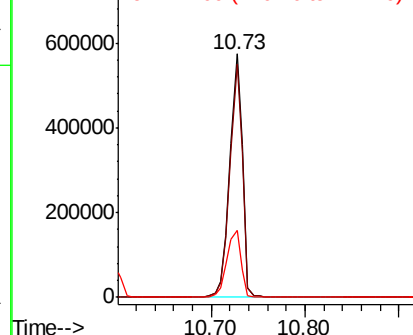


Abundance

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: 76.502 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

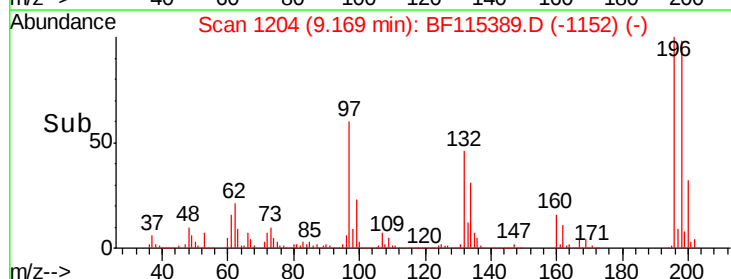
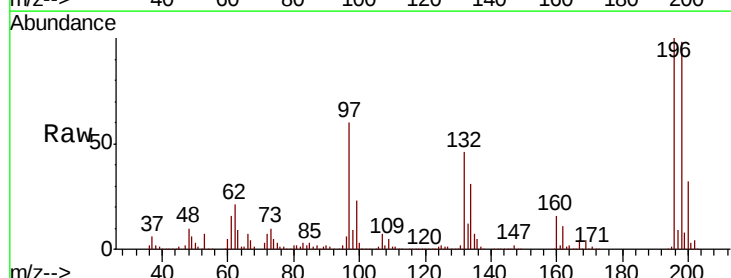
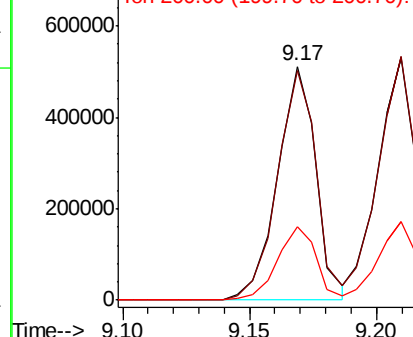
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	541563		
198	98.4		79.5	119.3
200	31.5		25.8	38.8

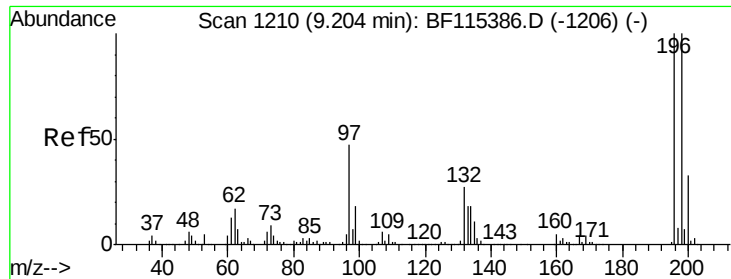
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44
 2,4,5-Trichlorophenol
 Concen: 74.704 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

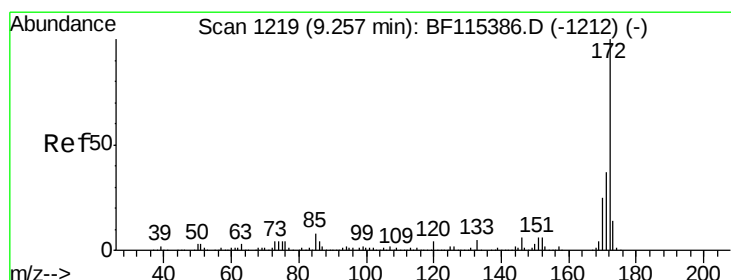
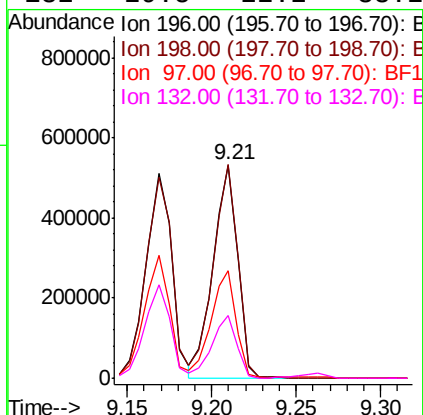
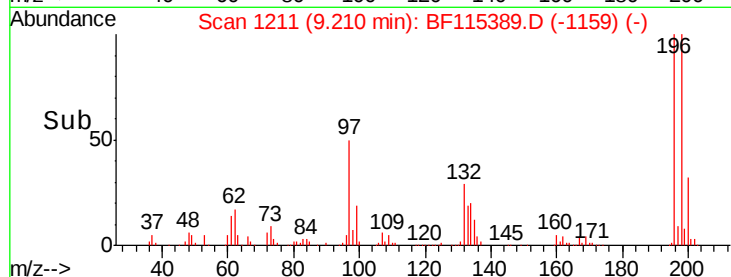
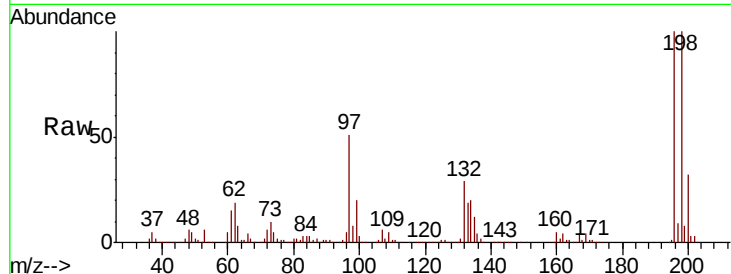
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		544597		
198	100.2	80.3	120.5		
97	50.7	38.3	57.5		
132	29.5	22.2	33.2		

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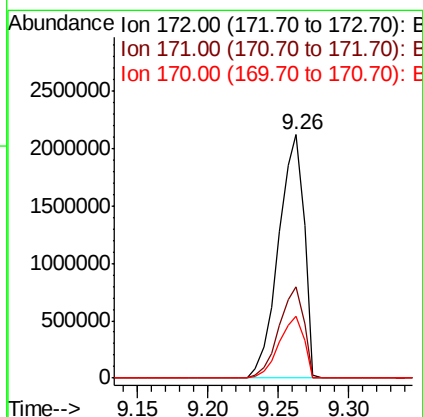
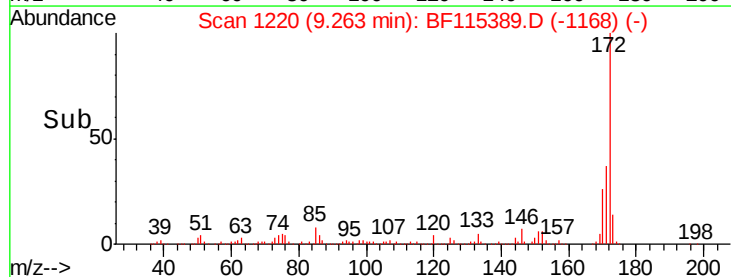
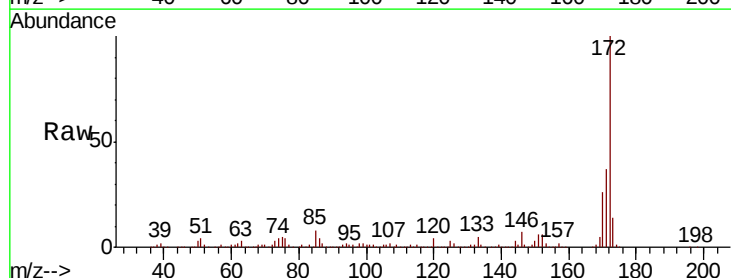
mohammad

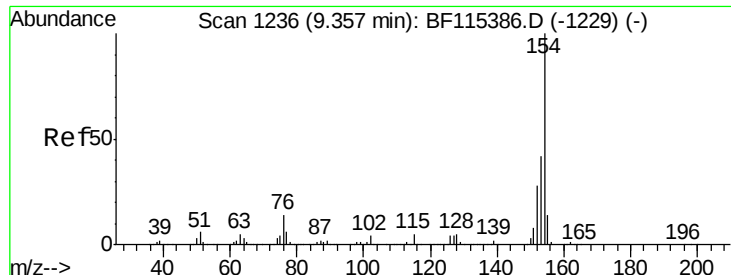
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#45
 2-Fluorobiphenyl
 Concen: 139.928 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2672996		
171	37.5	29.8	44.8		
170	25.7	20.2	30.4		





#46
1,1'-Biphenyl
Concen: 70.002 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

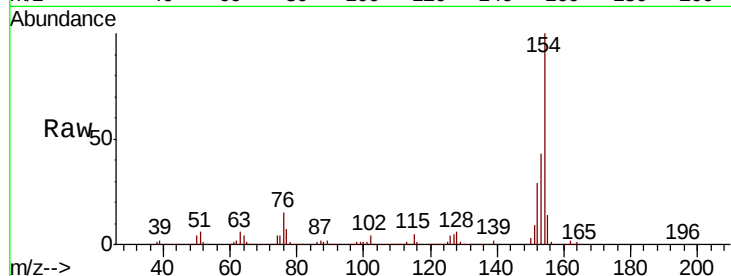
Instrument :
BNA_F
ClientSampleID :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.9	61.9
76	14.7	0.0	34.3

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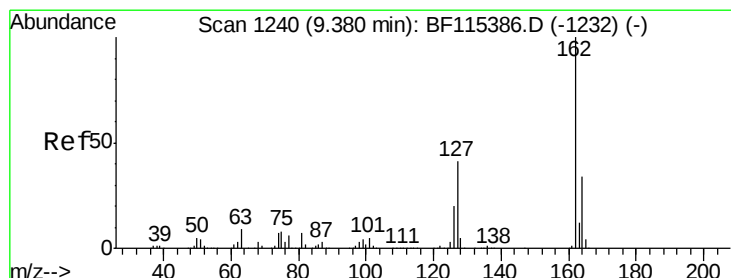
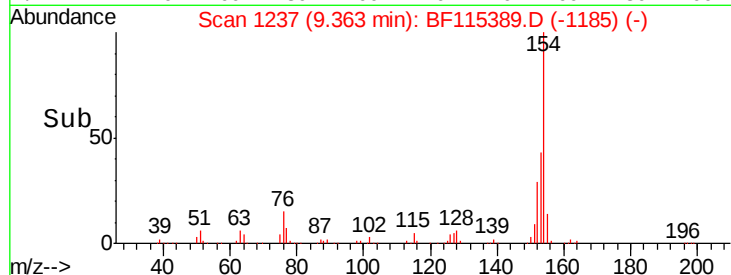
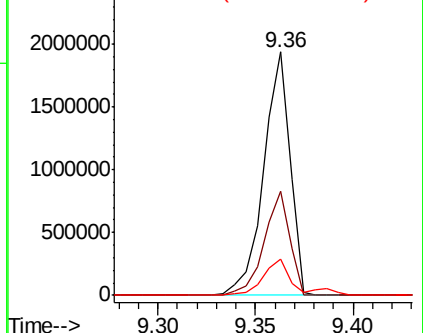


Abundance

Ion 154.00 (153.70 to 154.70): E

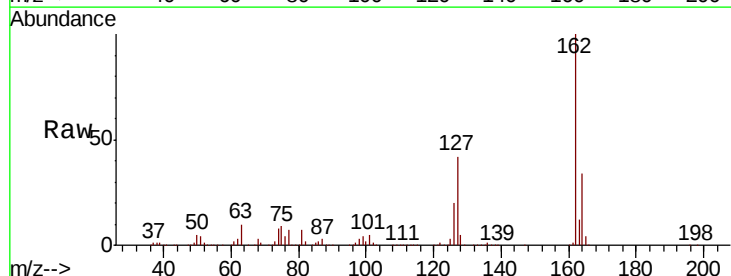
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
2-Chloronaphthalene
Concen: 75.366 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.8	49.2
164	33.8	27.0	40.6

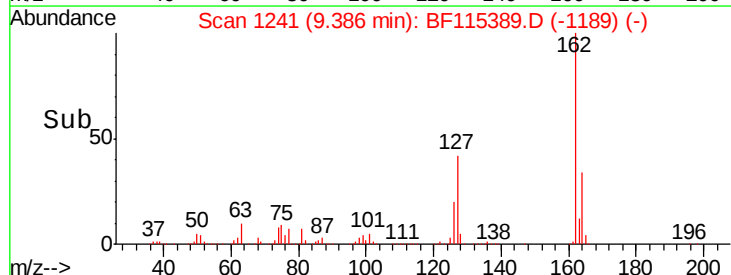
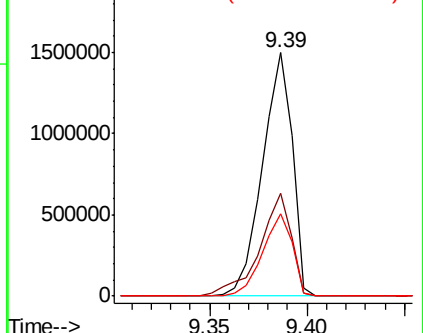


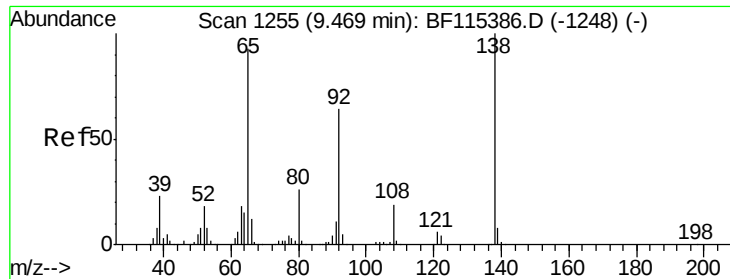
Abundance

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: 84.682 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

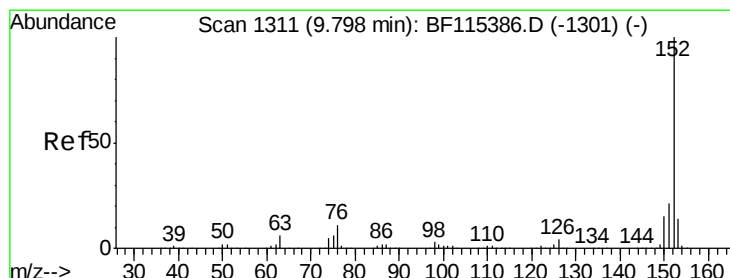
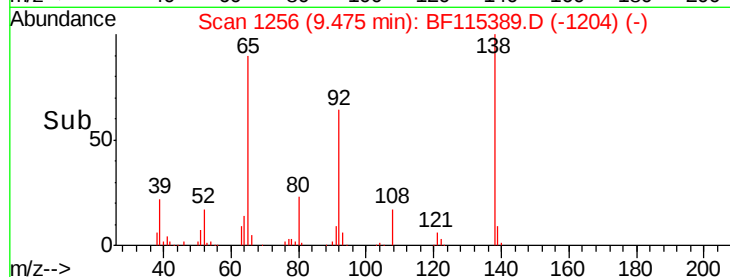
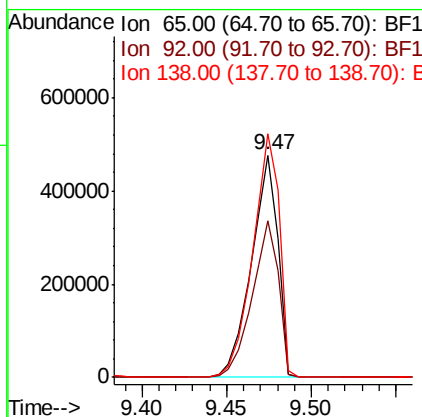
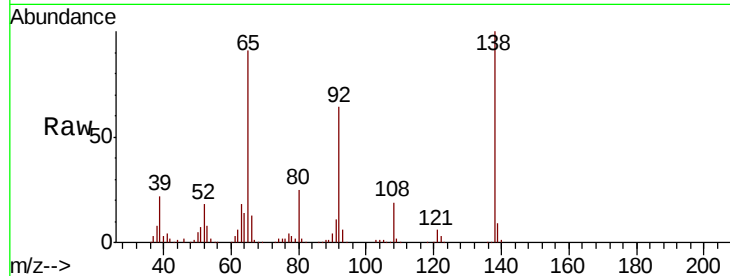
SSTDIC080

Tot Ion:	65	Resp:	519940
Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.4	83.0
138	109.6	85.8	128.8

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#49

Acenaphthylene

Concen: 71.066 ng

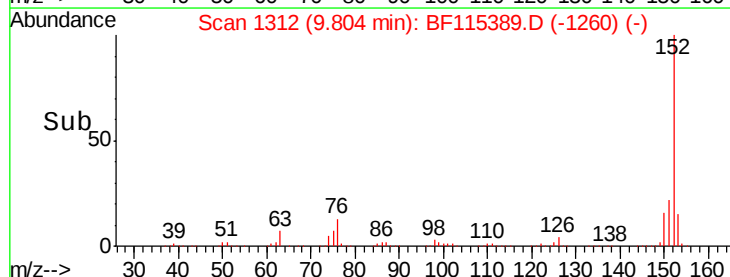
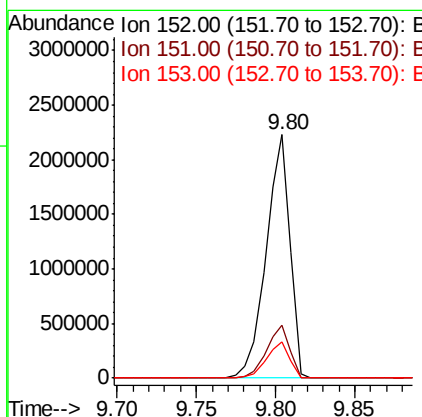
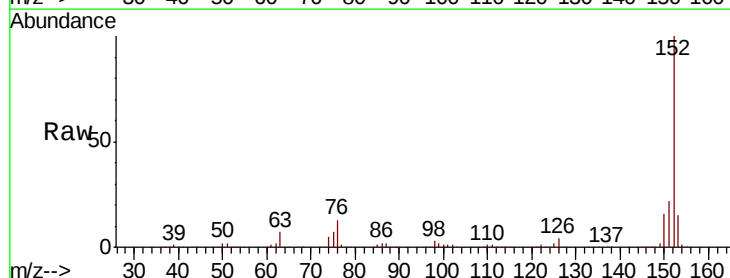
RT: 9.80 min Scan# 1312

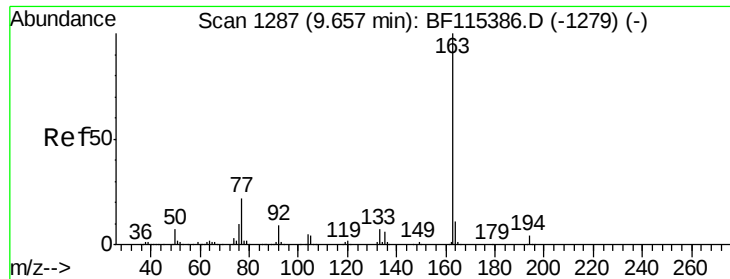
Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Tgt Ion:	152	Resp:	2331862
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.0	25.4
153	14.9	11.4	17.2





#50
Dimethylphthalate
Concen: 75.627 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

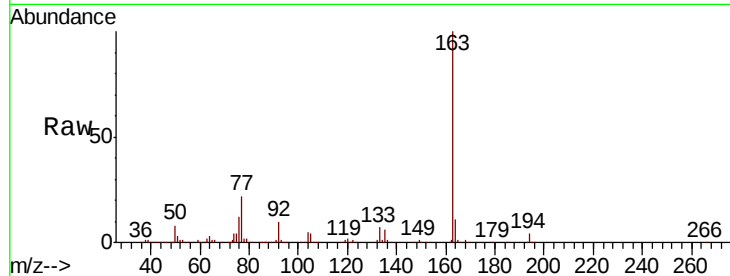
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.0	8.5	12.7

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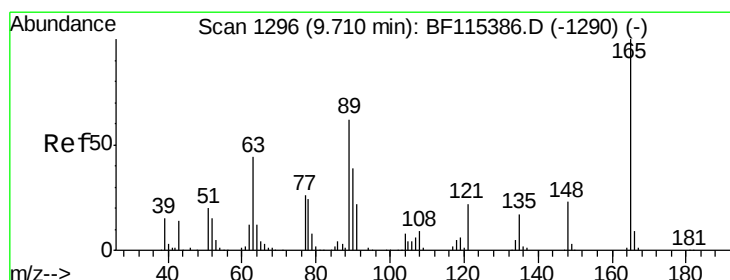
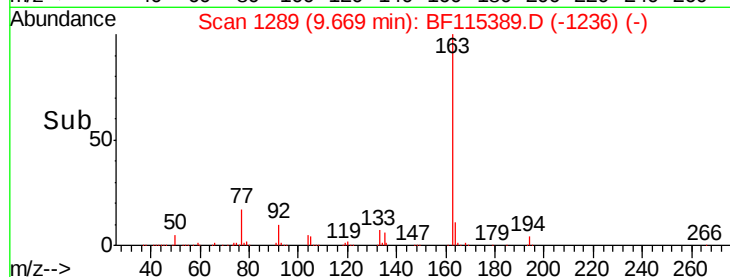
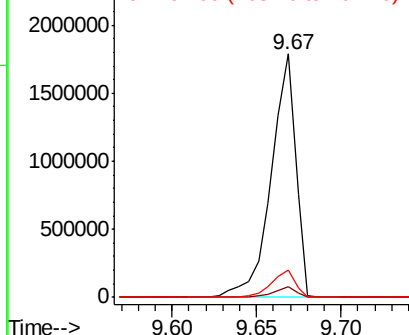


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 77.639 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

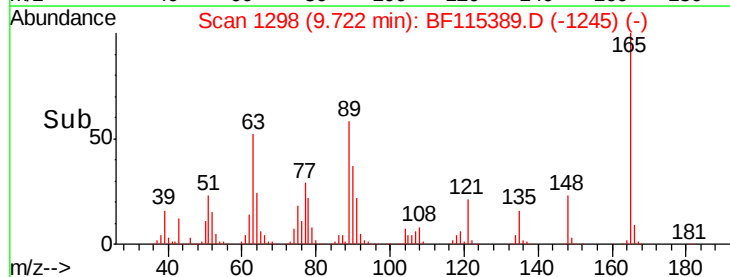
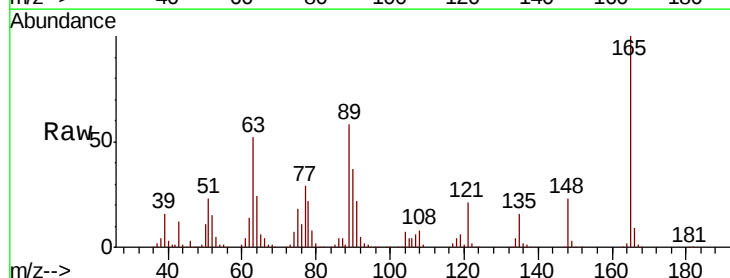
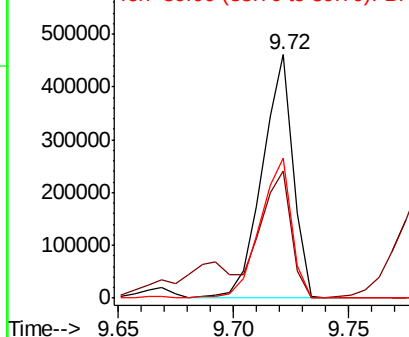
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	45.8	68.6
89	57.7	49.9	74.9

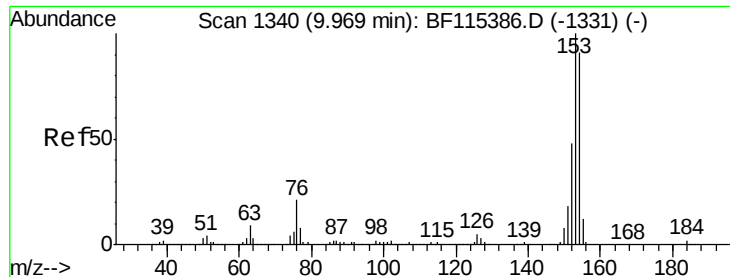
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 72.806 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1494875

Ion Ratio Lower Upper

154 100

153 111.3 87.9 131.9

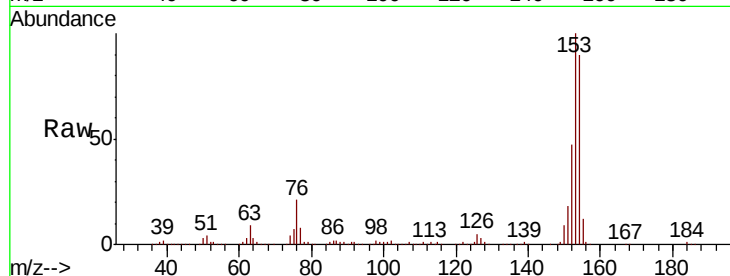
152 52.5 42.2 63.2

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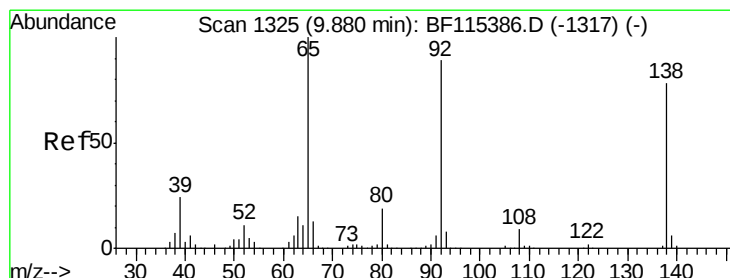
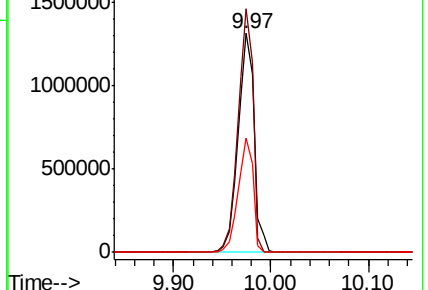
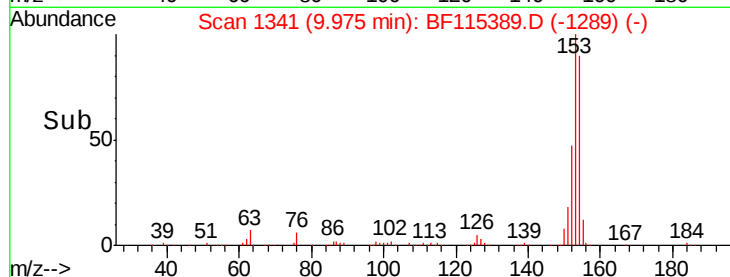
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 72.845 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

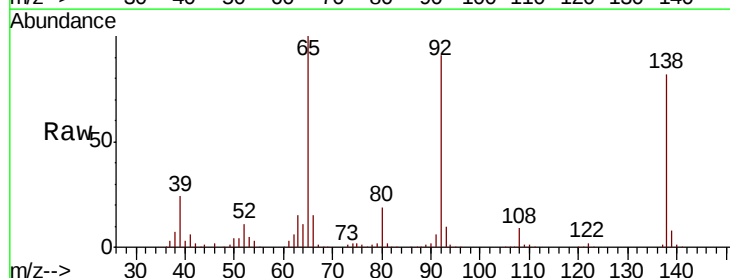
Tgt Ion:138 Resp: 489945

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

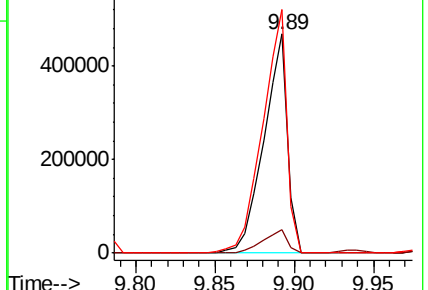
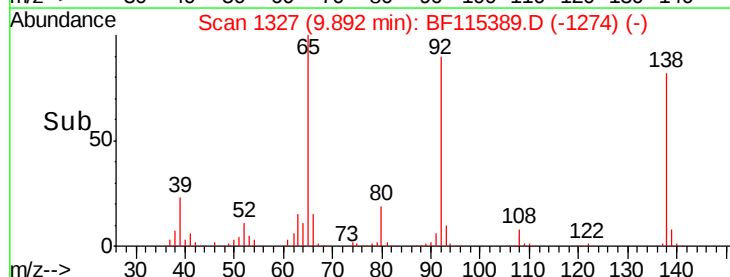
92 111.1 90.5 135.7

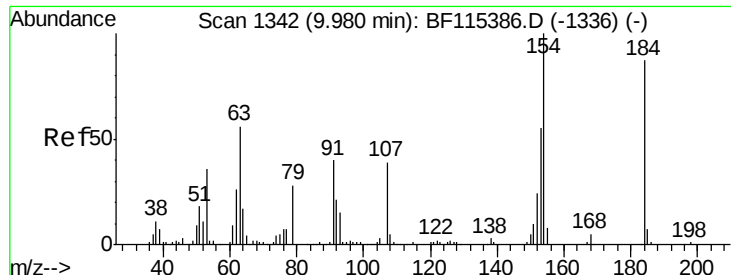


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 76.390 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampled :

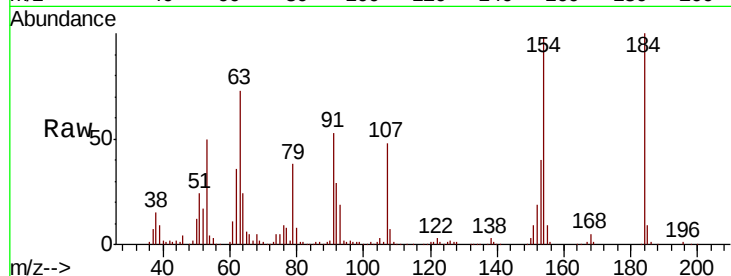
SSTDIC080

Tot Ion:	184	Resp:	185724
Ion Ratio	Lower	Upper	
184	100		
63	73.3	52.1	78.1
154	98.3	97.7	146.5

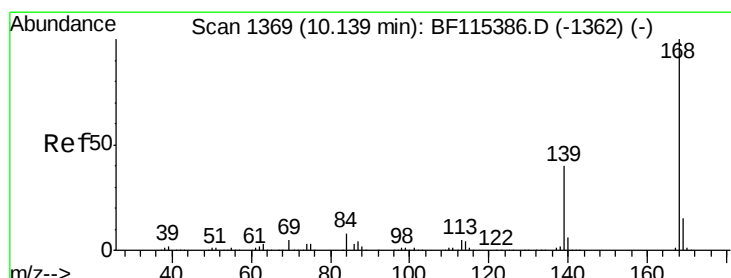
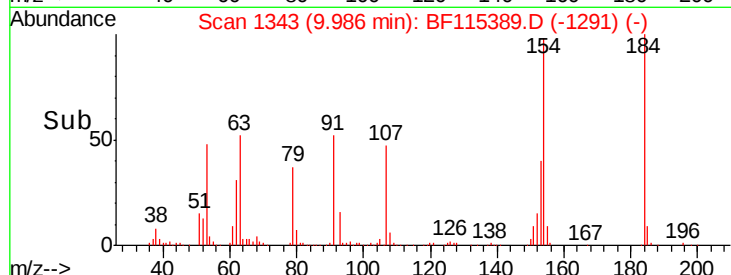
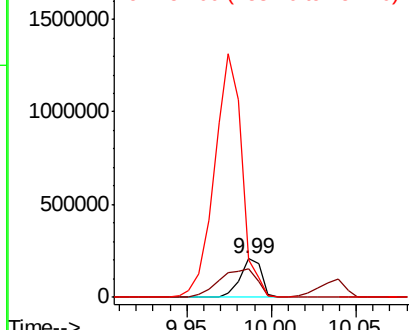
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 69.575 ng

RT: 10.15 min Scan# 1370

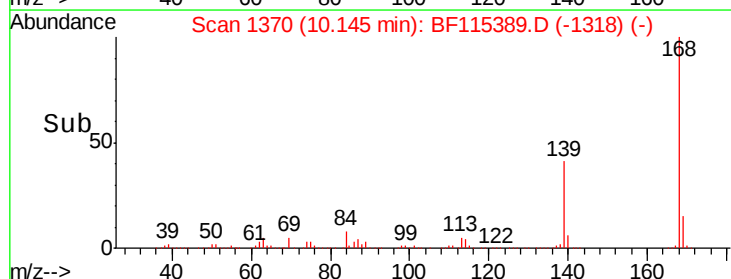
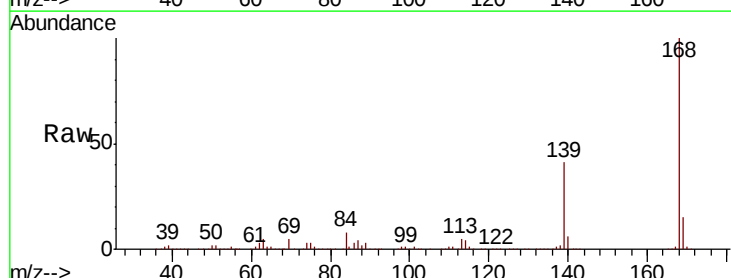
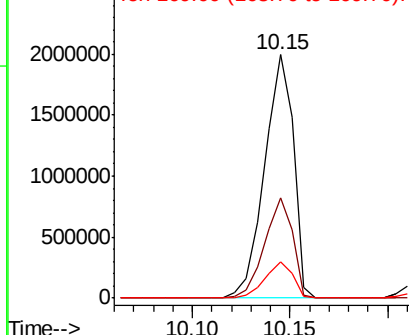
Delta R.T. 0.01 min

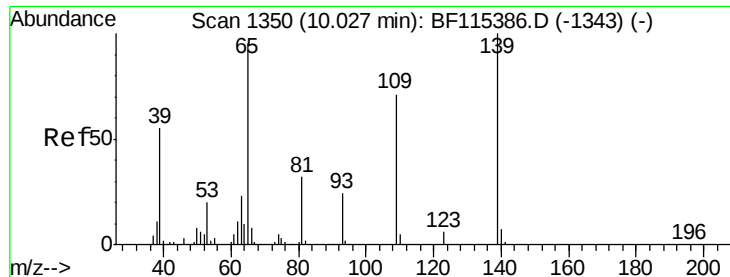
Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Tgt Ion:	168	Resp:	2050330
Ion Ratio	Lower	Upper	
168	100		
139	41.0	32.2	48.2
169	14.7	11.7	17.5

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: 72.702 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

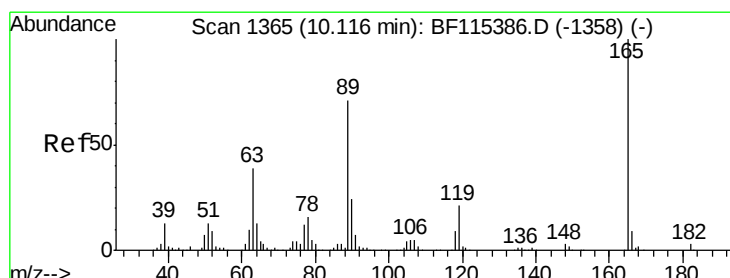
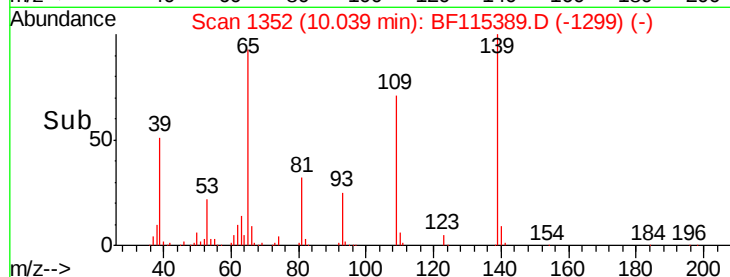
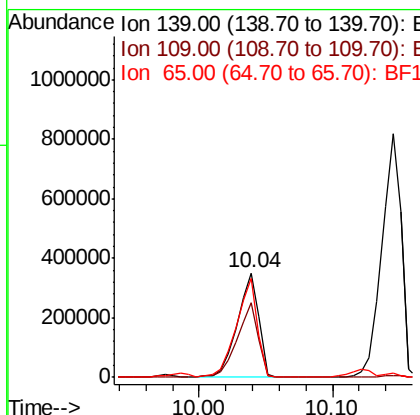
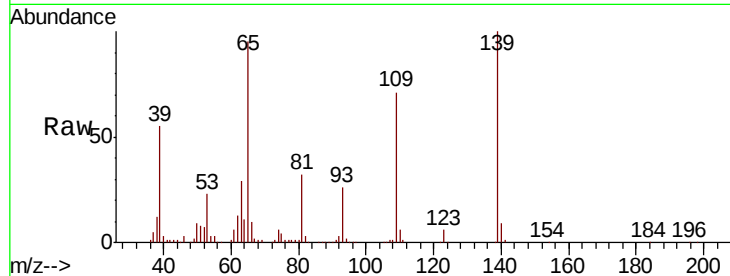
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	392019		
109	71.1	51.1	91.1	
65	95.2	75.2	115.2	

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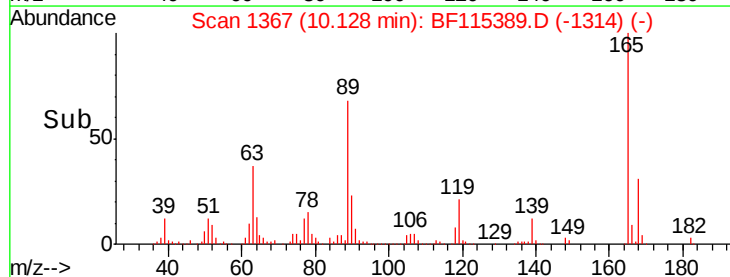
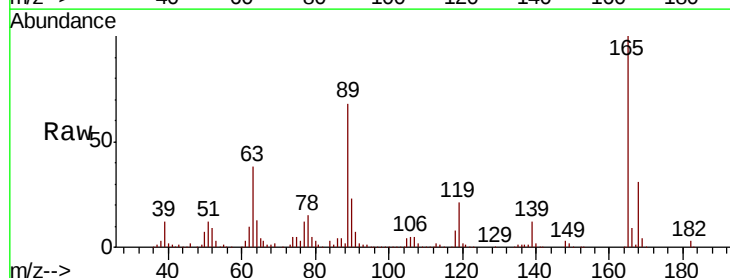
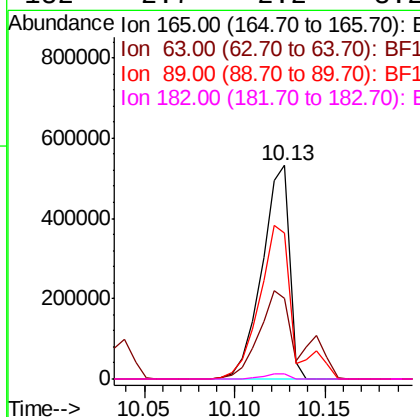
mohammad

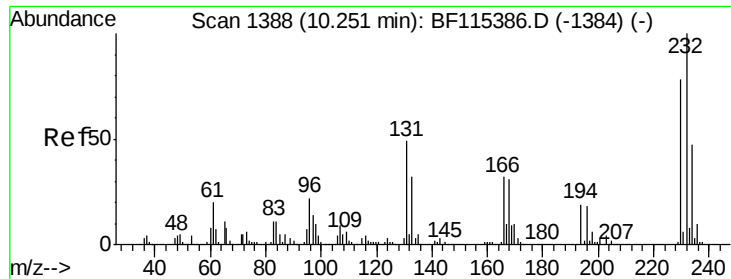
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#57
2,4-Dinitrotoluene
Concen: 78.684 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	559959		
63	37.7	31.4	47.0	
89	68.1	57.1	85.7	
182	2.7	2.2	3.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 75.865 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:232 Resp: 463753
Ion Ratio Lower Upper

232 100

131 46.7 36.6 55.0

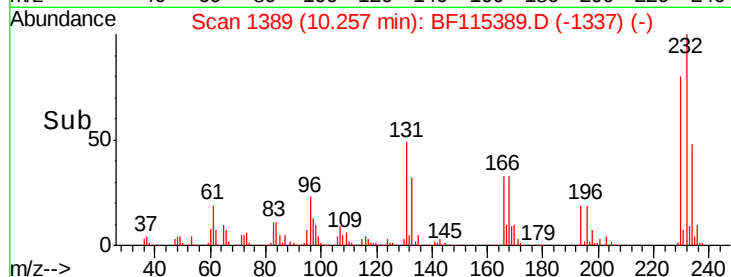
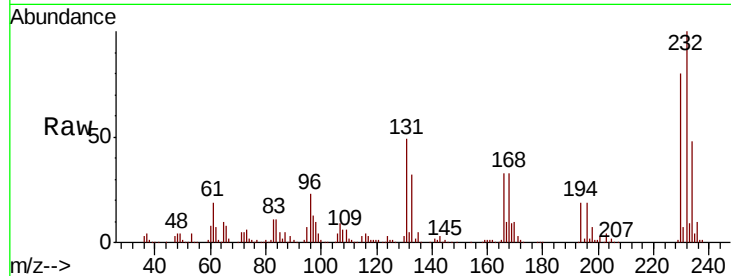
130 2.4 1.8 2.8

166 31.3 24.6 36.8

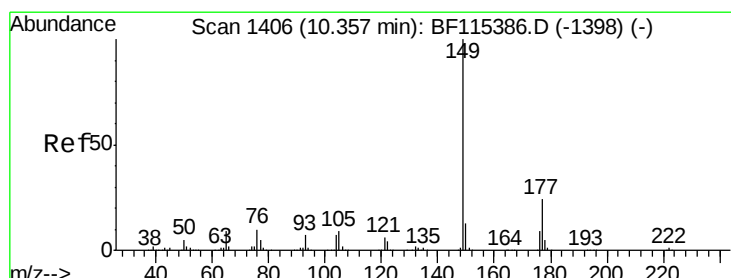
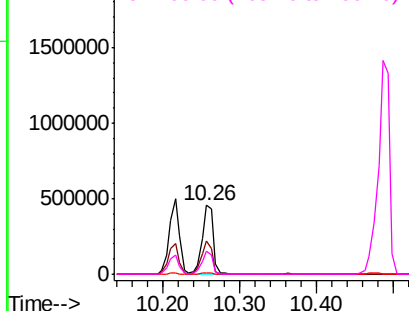
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 73.450 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF115389.D

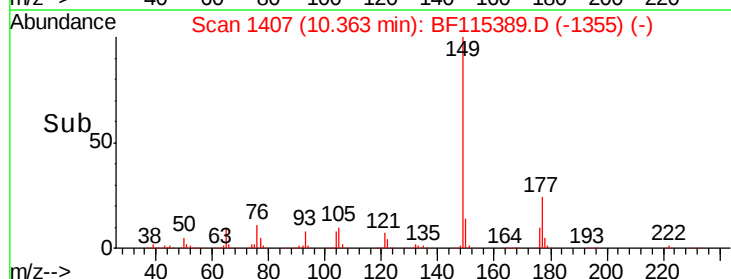
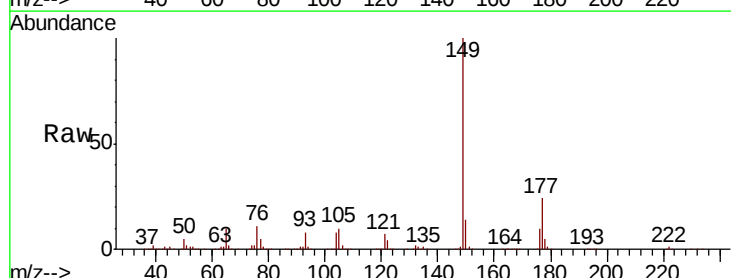
Acq: 5 Jul 2019 11:10

Tgt Ion:149 Resp: 1762593
Ion Ratio Lower Upper

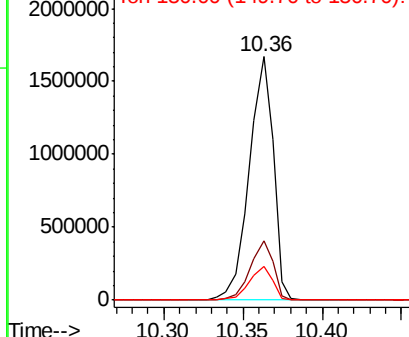
149 100

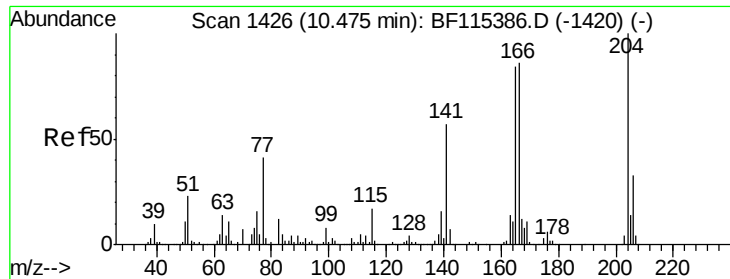
177 24.2 18.8 28.2

150 13.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61
4-Chlorophenyl-phenylether
Concen: 70.428 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

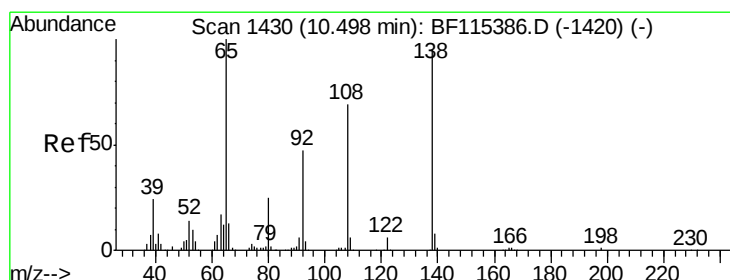
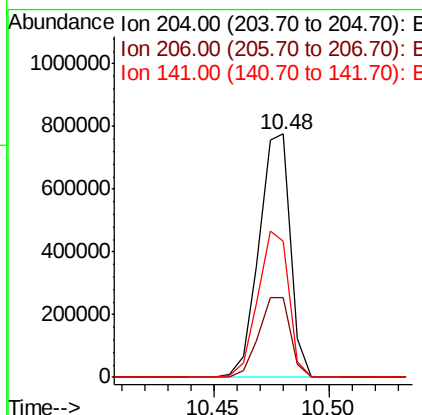
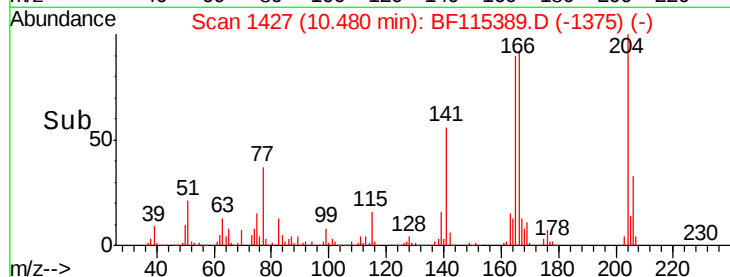
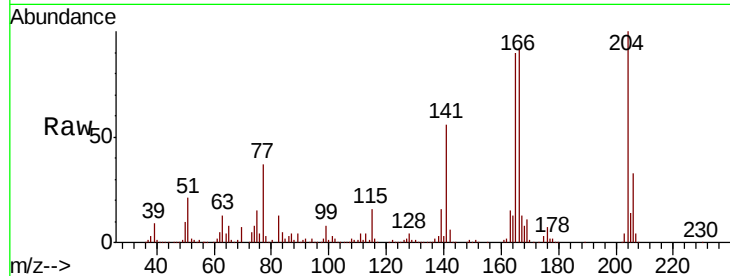
Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	55.8	45.8	68.6

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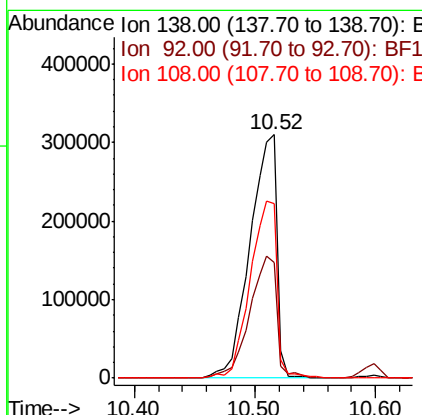
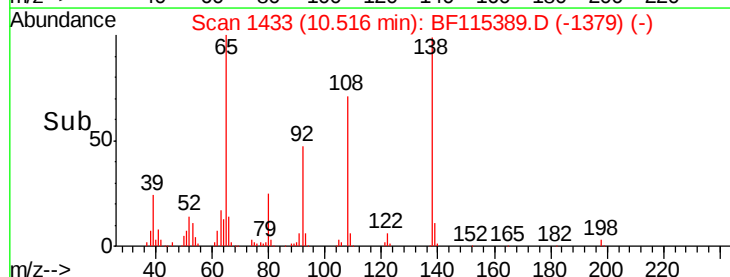
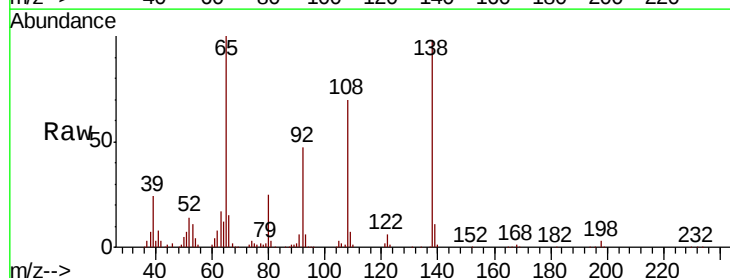
mohammad

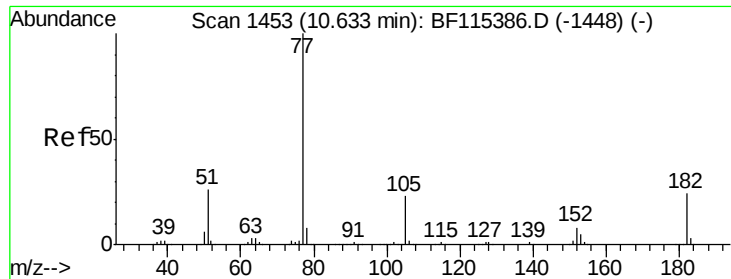
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#62
4-Nitroaniline
Concen: 71.870 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.02 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.3	69.3
108	71.7	53.2	93.2





#63
Azobenzene
Concen: 80.997 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

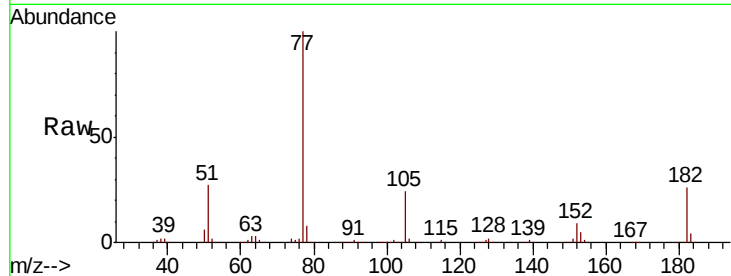
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.0	4.1	44.1	
105	23.8	2.6	42.6	
51	27.0	6.4	46.4	

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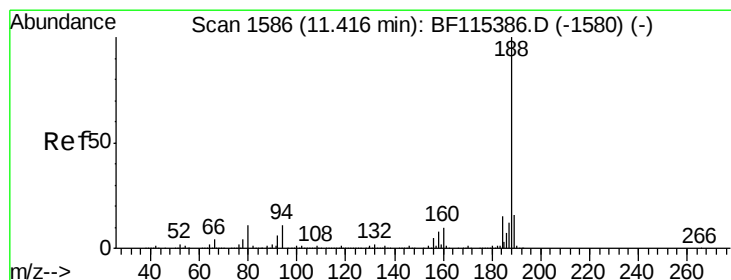
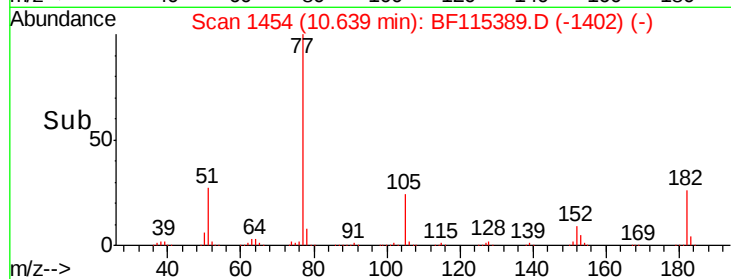
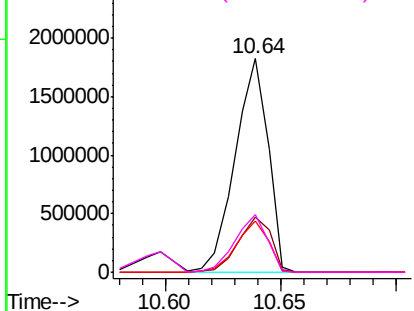
Abundance

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: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

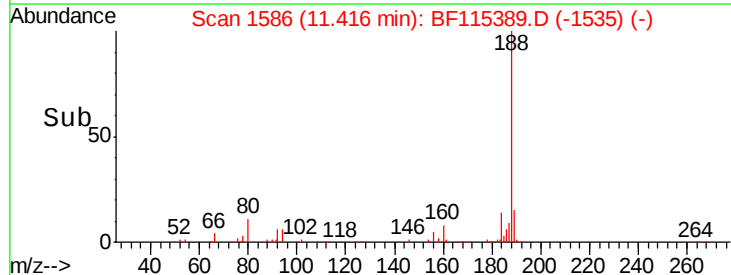
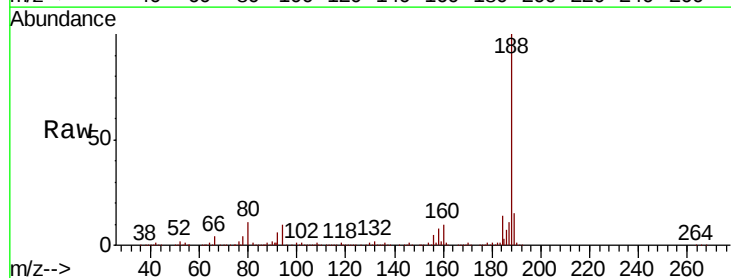
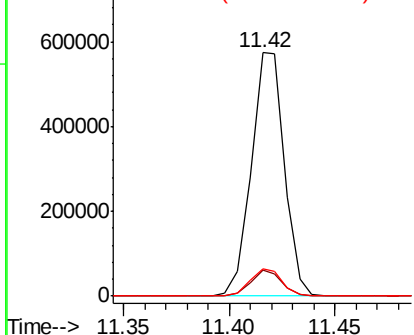
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.5	12.7	
80	11.4	9.1	13.7	

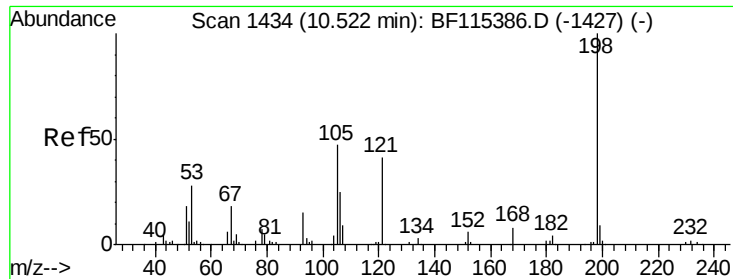
Abundance

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: 83.968 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

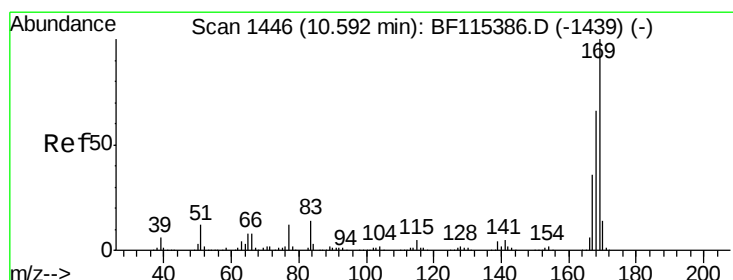
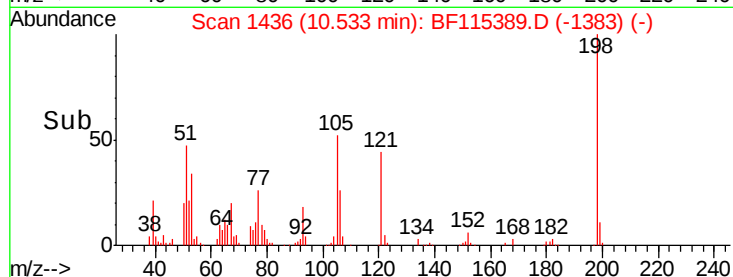
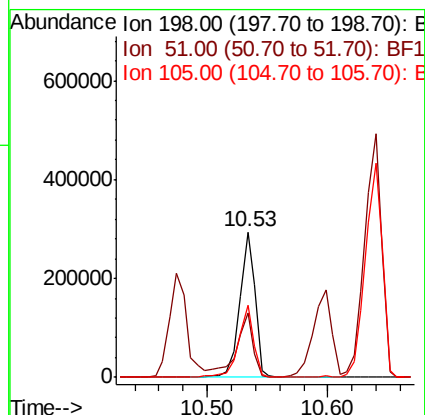
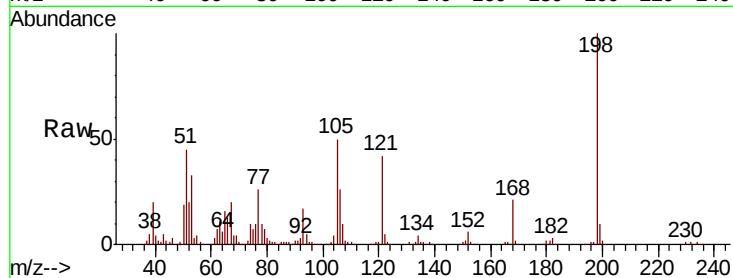
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.6	25.4	65.4
105	49.7	27.9	67.9

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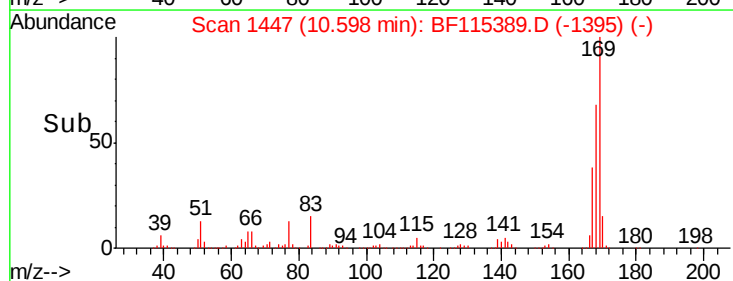
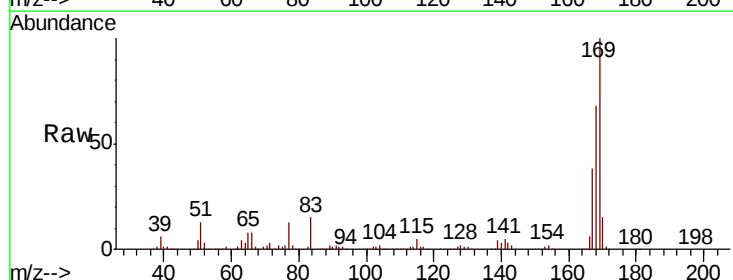
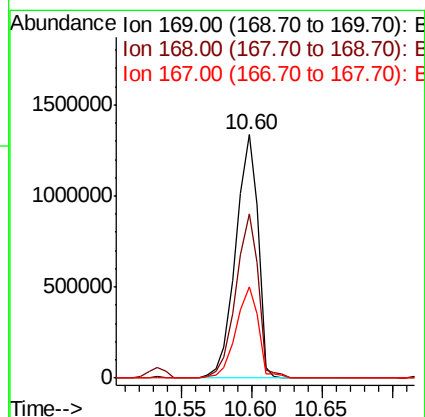
mohammad

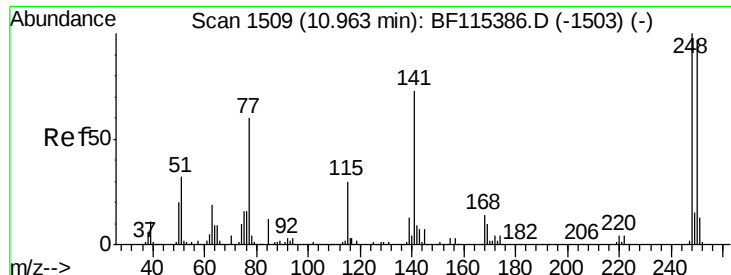
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#66
 n-Nitrosodiphenylamine
 Concen: 75.311 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	52.6	79.0
167	37.7	29.2	43.8





#67
 4-Bromophenyl-phenylether
 Concen: 77.013 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

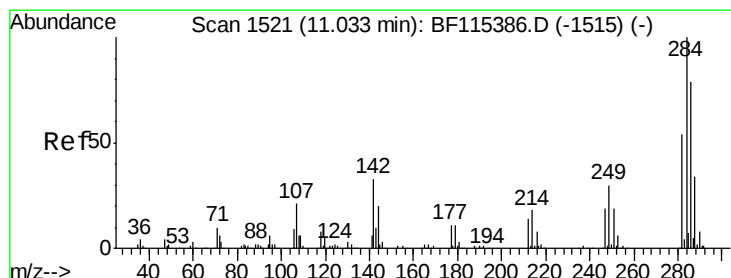
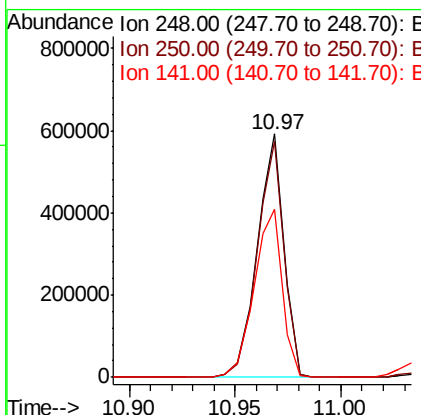
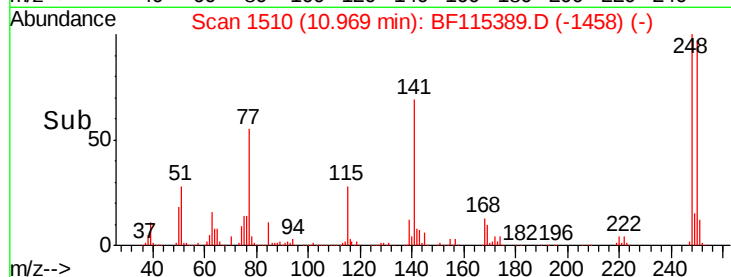
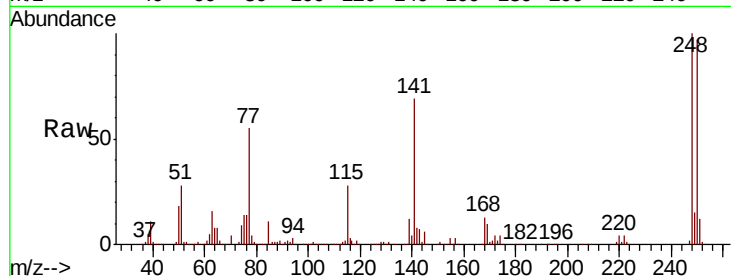
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	248	Resp:	520759
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.3	115.9
141	69.0	58.5	87.7

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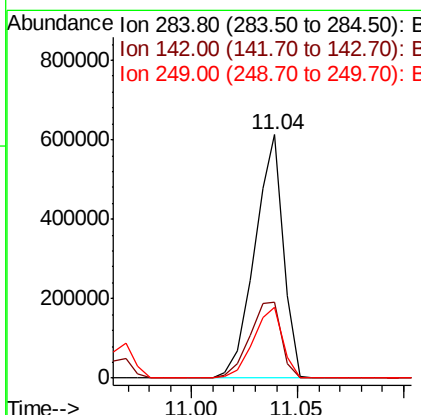
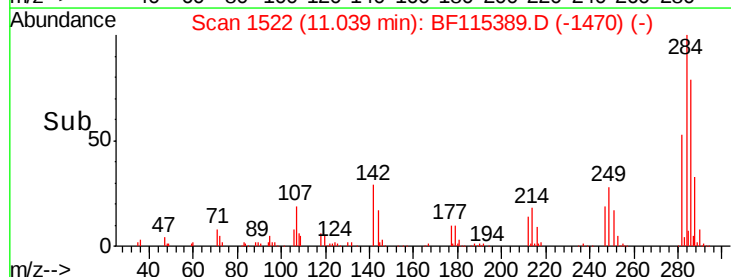
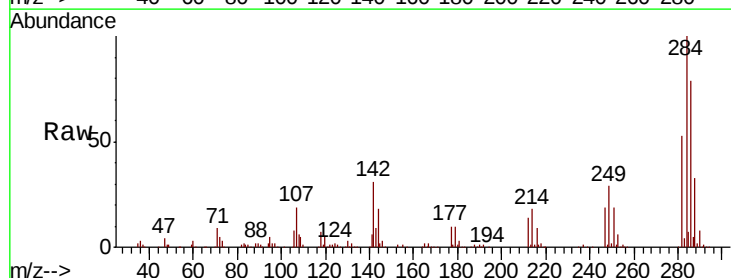
mohammad

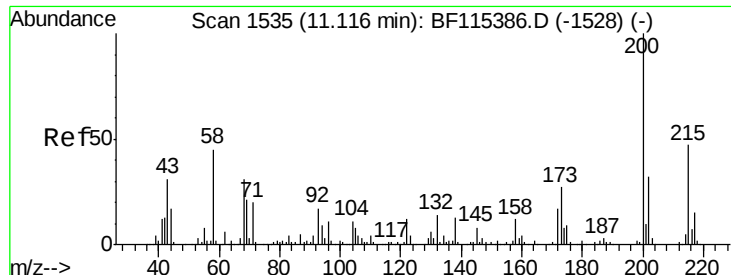
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#68
 Hexachlorobenzene
 Concen: 78.624 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

Tgt Ion:	284	Resp:	577074
Ion Ratio	Lower	Upper	
284	100		
142	31.2	26.5	39.7
249	29.3	24.2	36.2





#69
Atrazine
Concen: 67.134 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

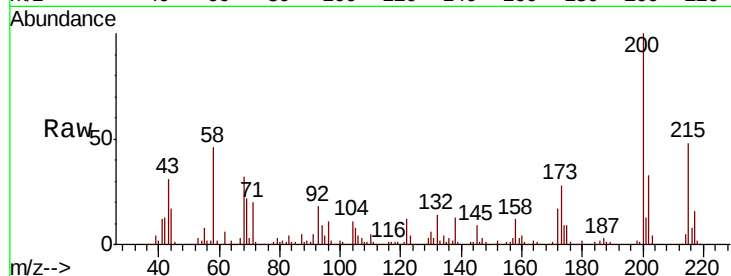
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.1	47.1
215	48.1	27.5	67.5

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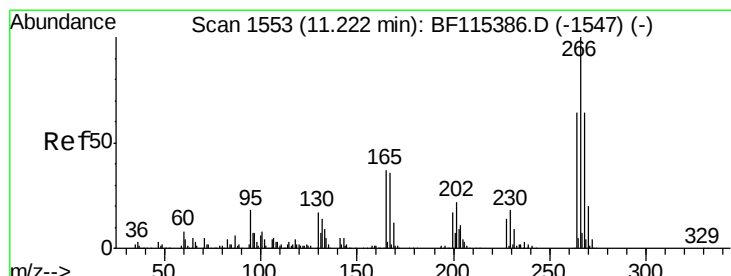
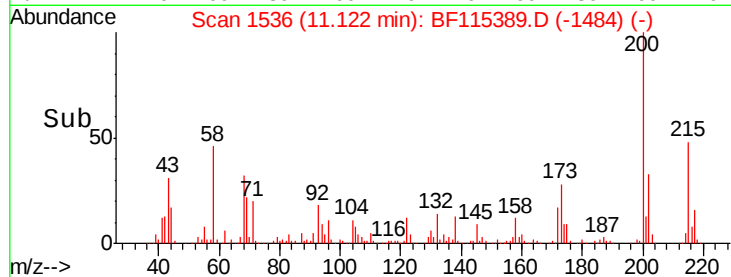
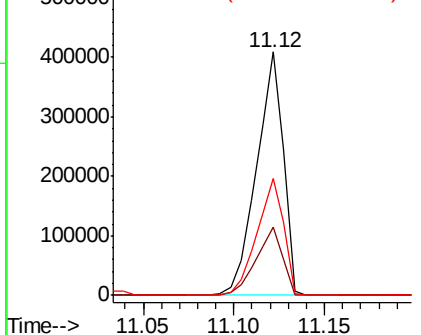


Abundance

Ion 200.00 (199.70 to 200.70): E

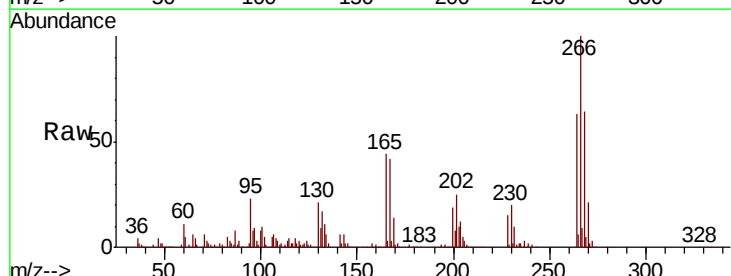
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.681 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.3	76.9
264	63.0	51.6	77.4

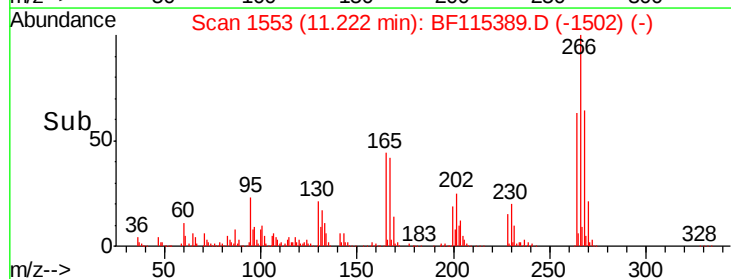
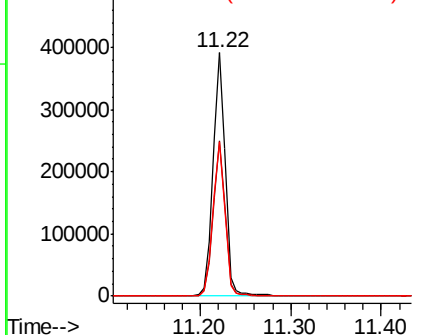


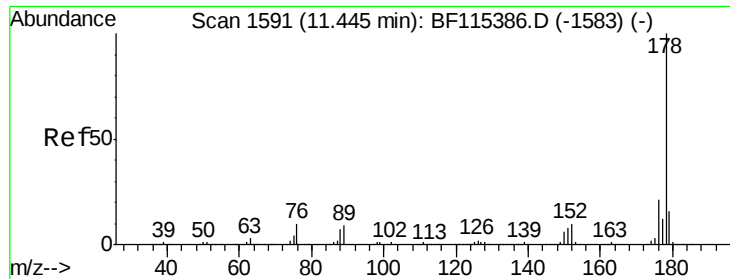
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71
Phenanthrene
Concen: 69.065 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

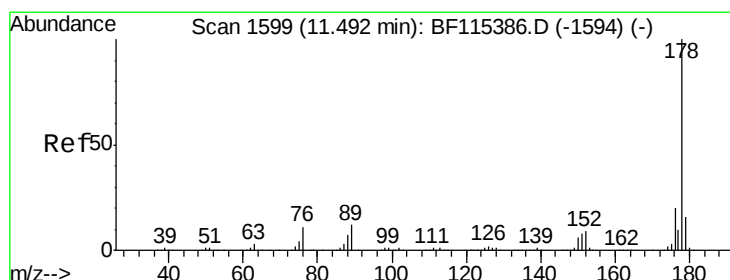
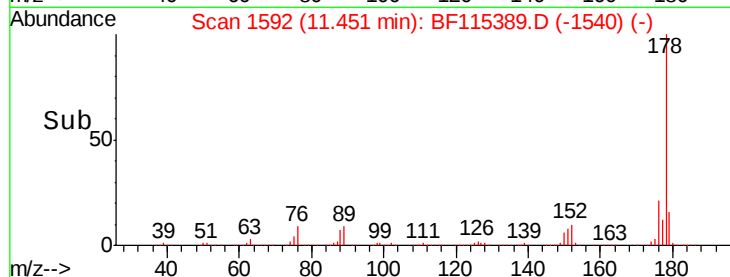
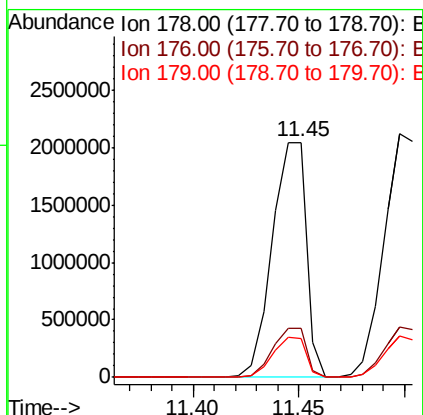
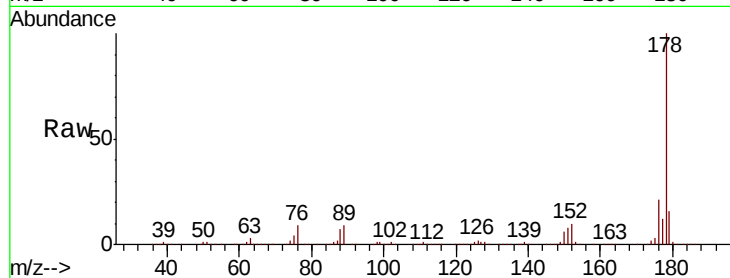
Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion:178 Resp: 2319180
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 16.3 13.0 19.6

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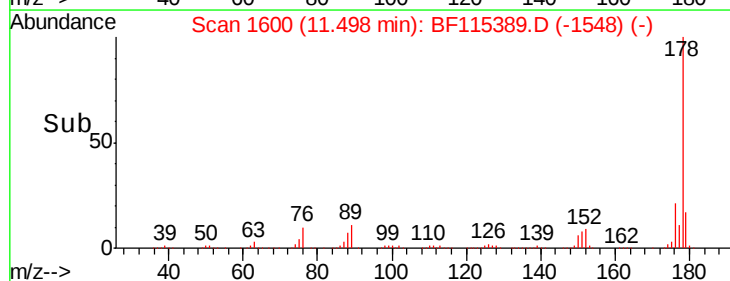
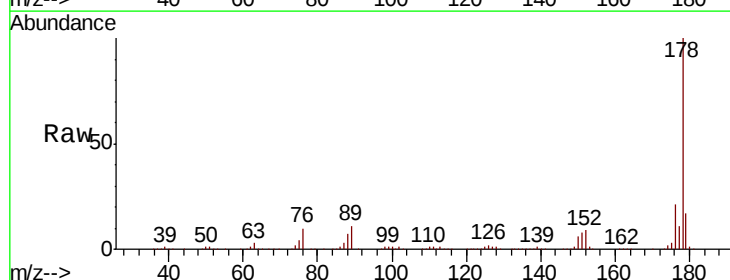
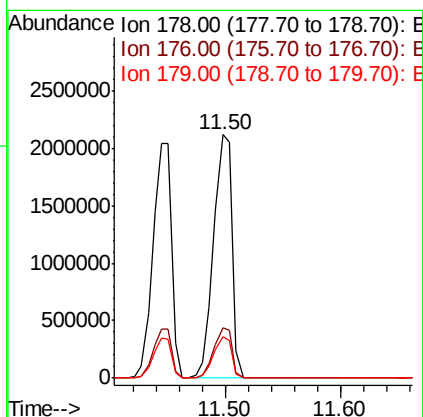
mohammad

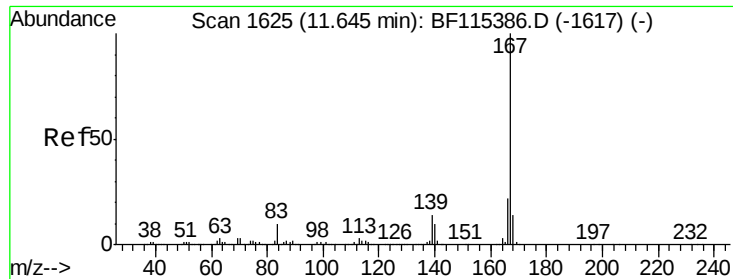
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#72
Anthracene
Concen: 69.465 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion:178 Resp: 2354619
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 16.8 13.1 19.7





#73
 Carbazole
 Concen: 71.293 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

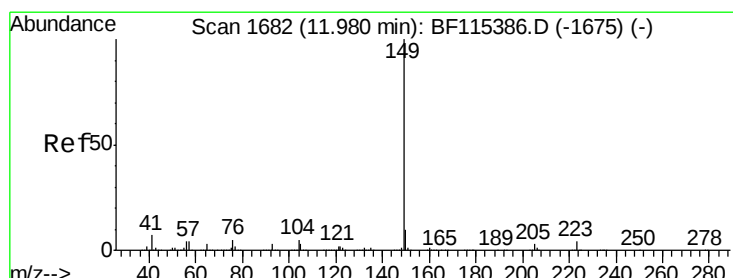
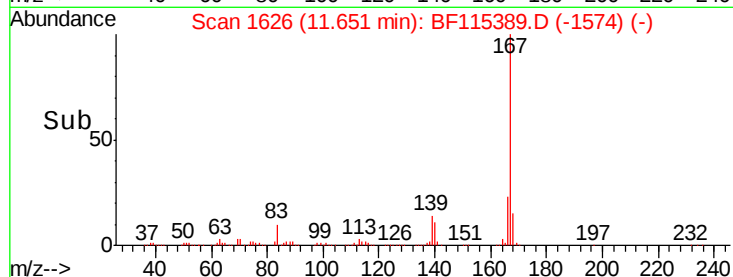
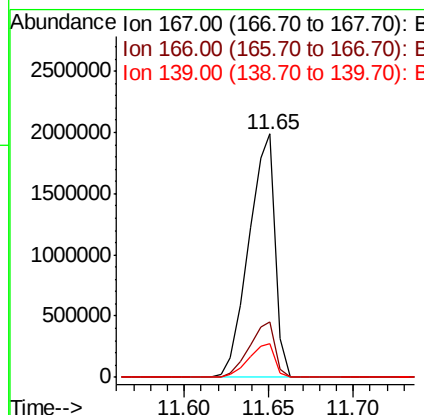
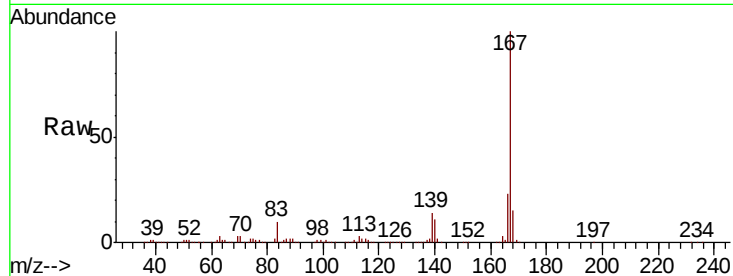
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:167 Resp: 2157938
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.9 26.9
 139 14.0 11.0 16.6

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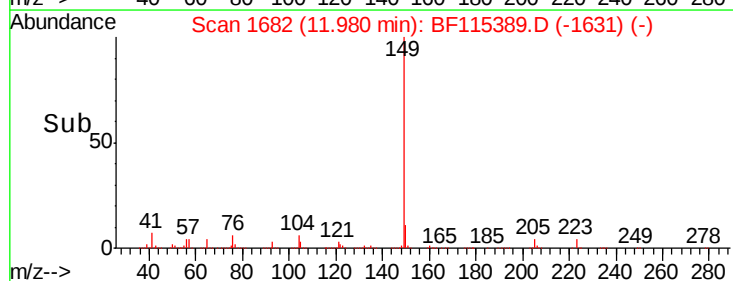
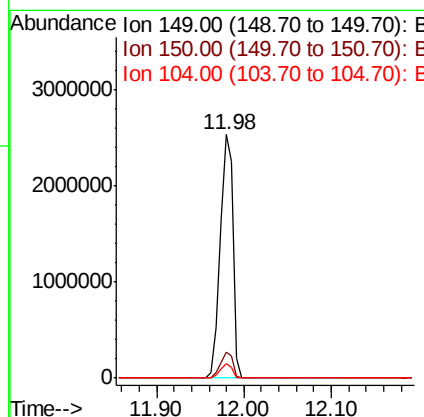
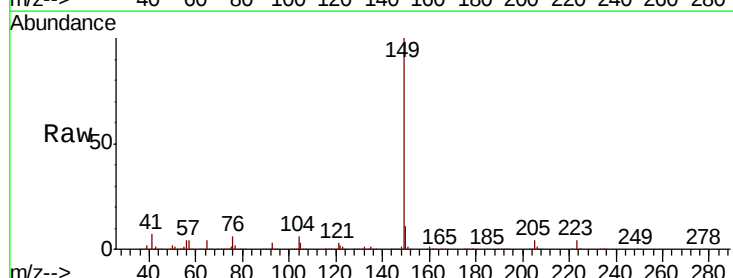
mohammad

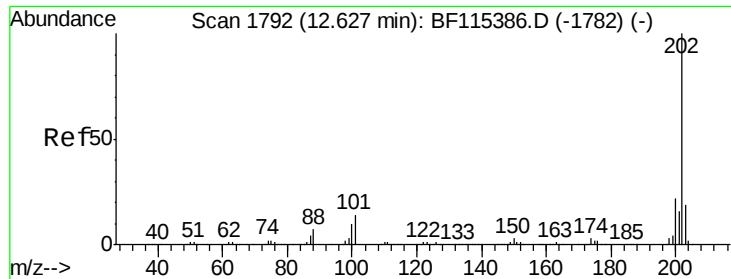
7/8/2019 2:12:49 PM



#74
 Di-n-butylphthalate
 Concen: 73.230 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

Tgt Ion:149 Resp: 2561351
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.0 12.0
 104 5.9 4.4 6.6





#75

Fluoranthene

Concen: 73.296 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

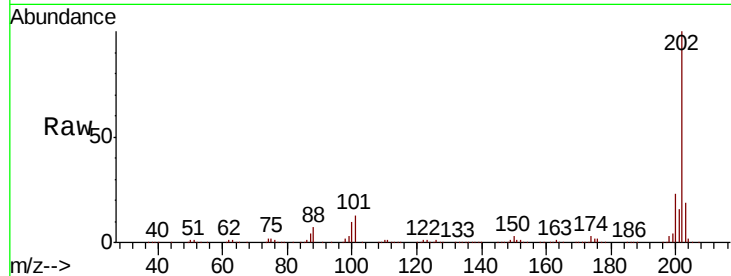
SSTDIC080

Tot Ion:	202	Resp:	2455721
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.0
203	19.1	0.0	38.5

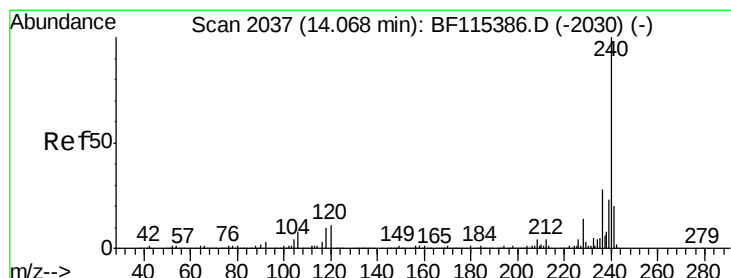
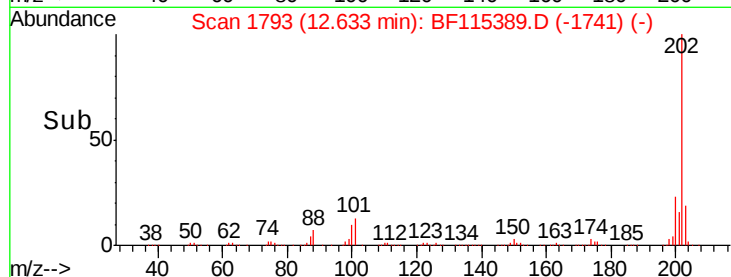
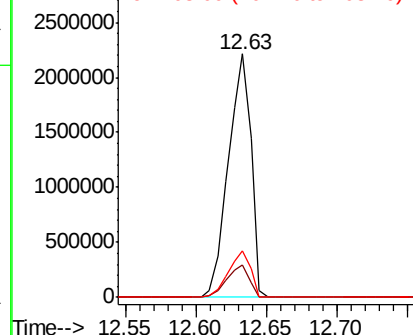
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

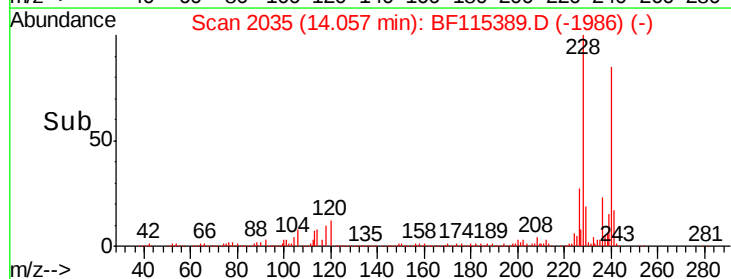
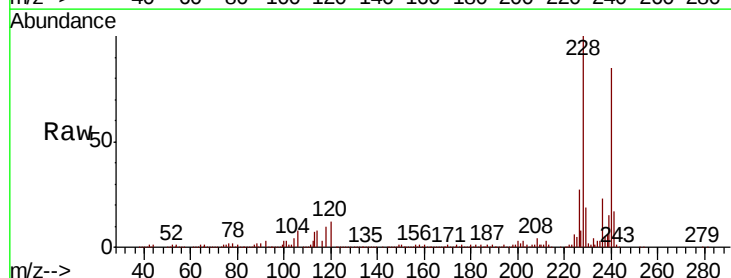
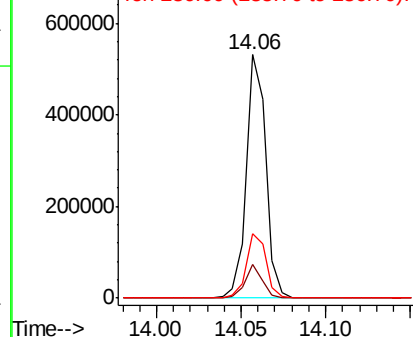
Delta R.T. -0.01 min

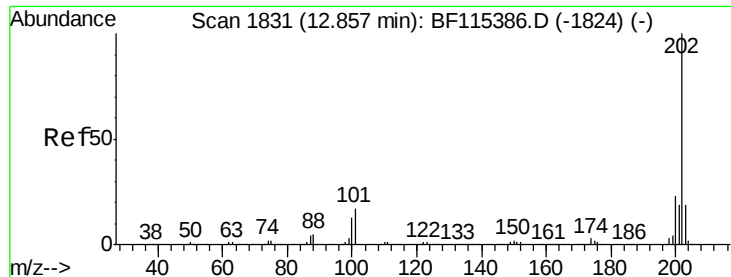
Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Tgt Ion:	240	Resp:	426463
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.1	13.7#
236	26.7	22.5	33.7

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





#78
Pvrene
Concen: 75.756 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

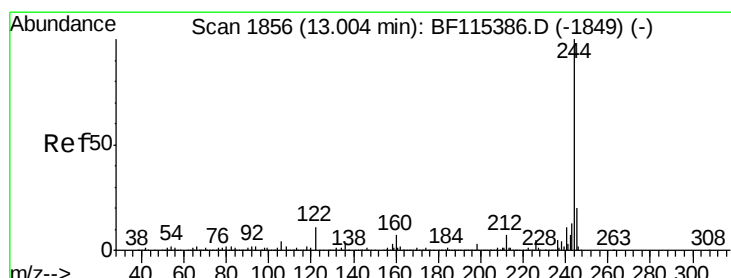
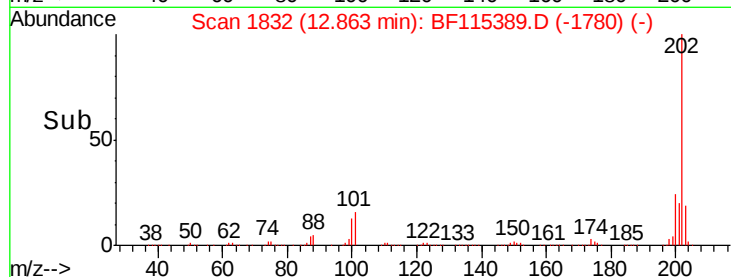
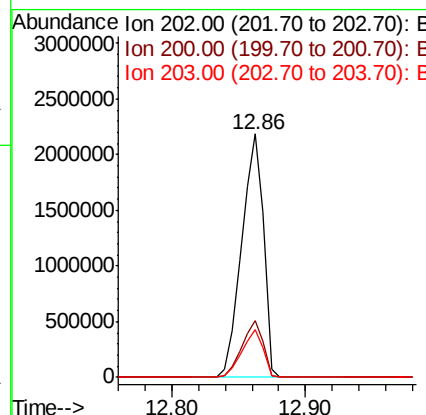
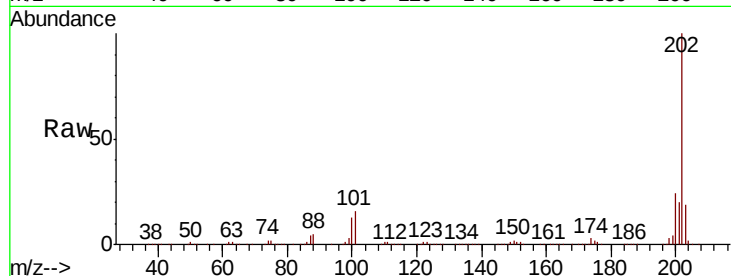
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.2	27.4
203	19.4	14.8	22.2

Manual Integrations
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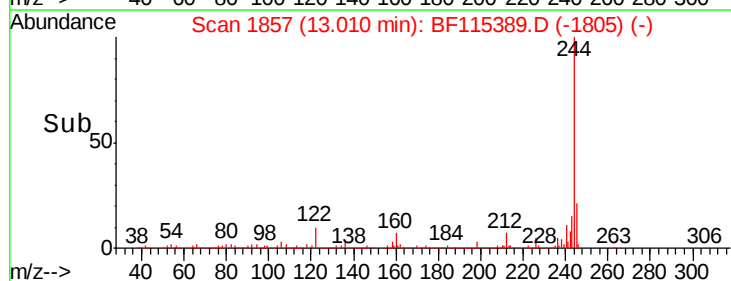
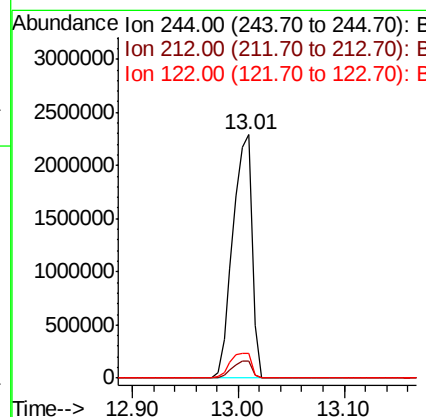
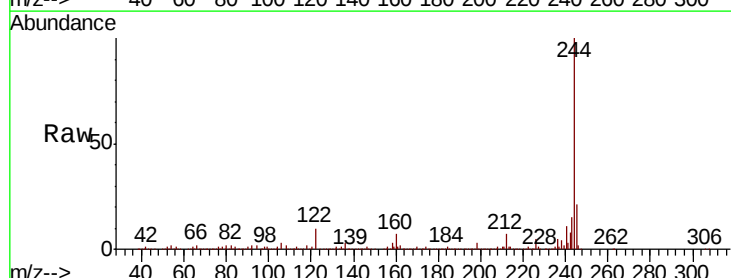
mohammad

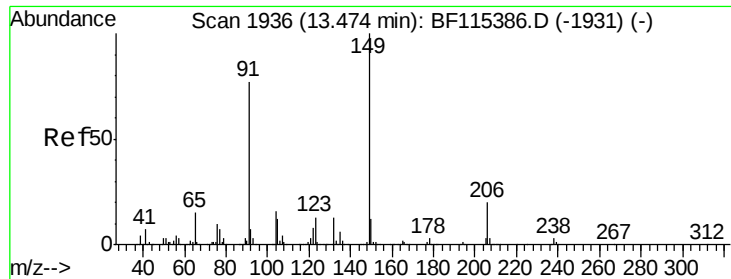
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#79
Terphenyl-d14
Concen: 143.527 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.1	9.1	13.7





#80
Butylbenzylphthalate
Concen: 78.923 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

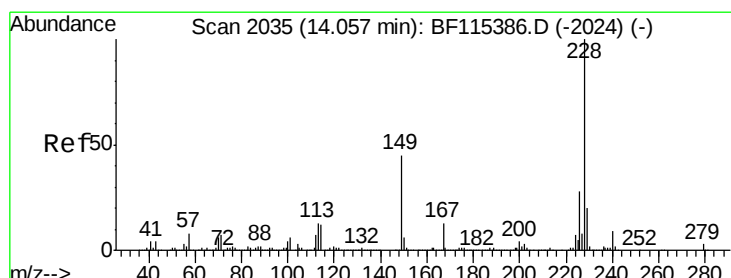
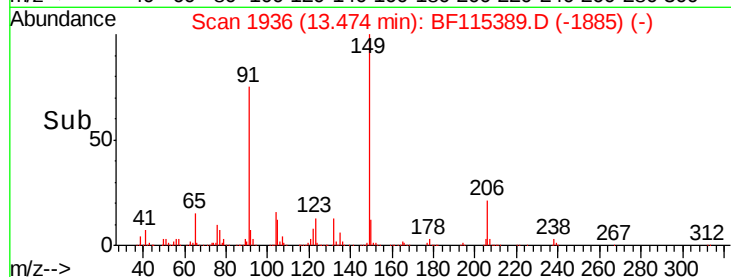
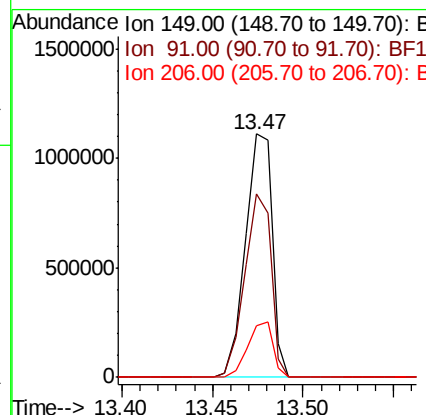
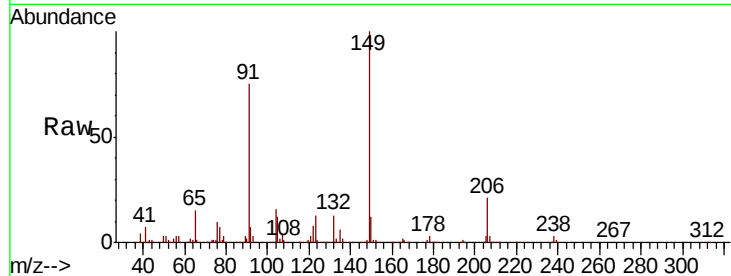
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	61.4	92.0
206	21.0	16.1	24.1

Manual Integrations
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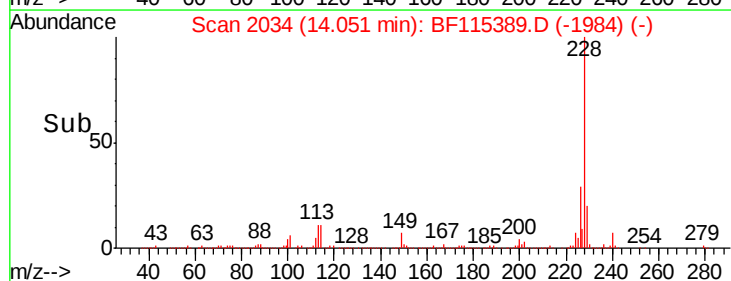
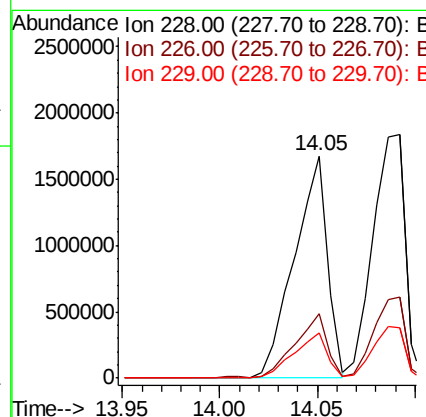
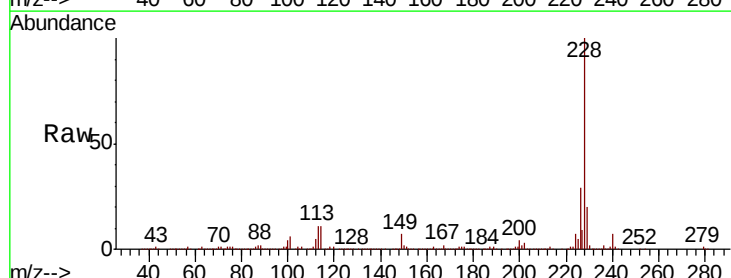
mohammad

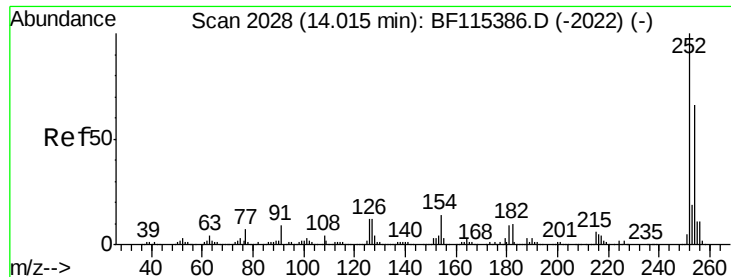
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#81
Benzo(a)anthracene
Concen: 64.572 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.3	16.3	24.5





#82
 3,3'-Dichlorobenzidine
 Concen: 64.224 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

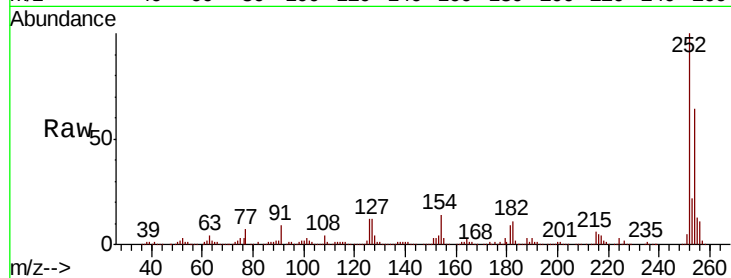
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
252	100	709695		
254	64.5	53.0	79.4	
126	12.3	9.8	14.8	

Manual Integrations
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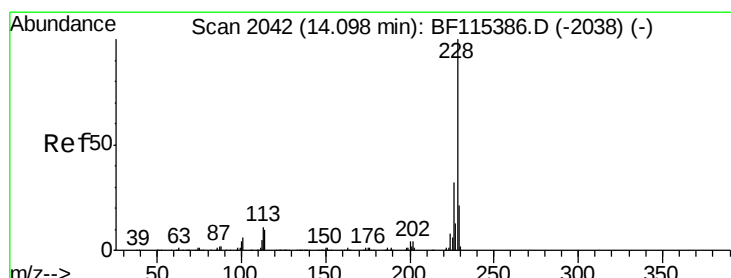
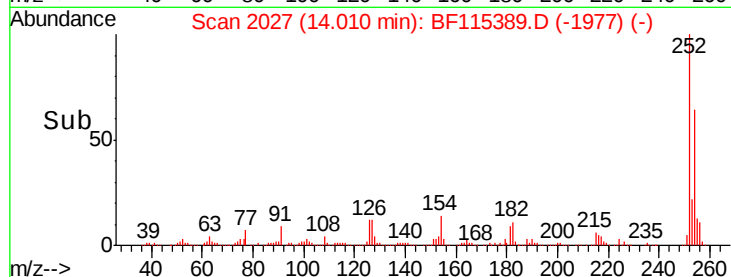
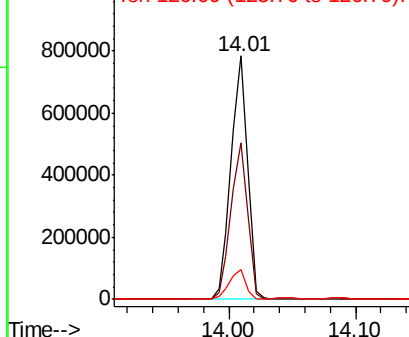


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 74.911 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

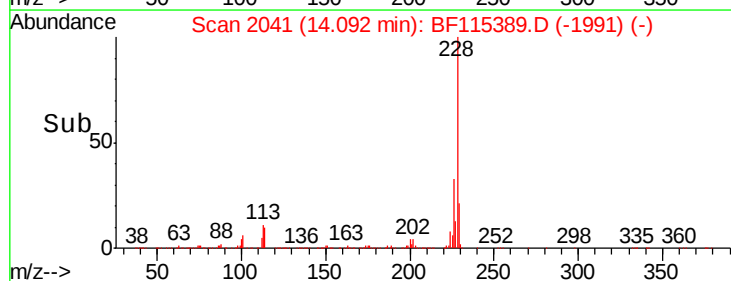
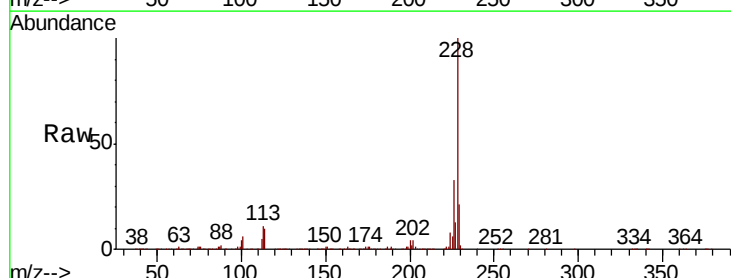
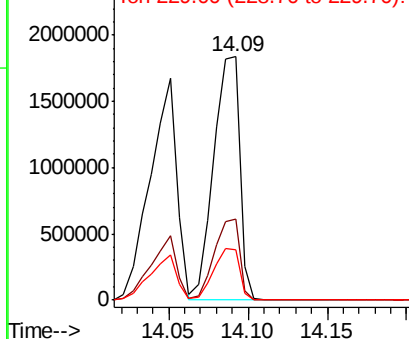
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2099788		
226	33.4	25.7	38.5	
229	20.7	16.6	25.0	

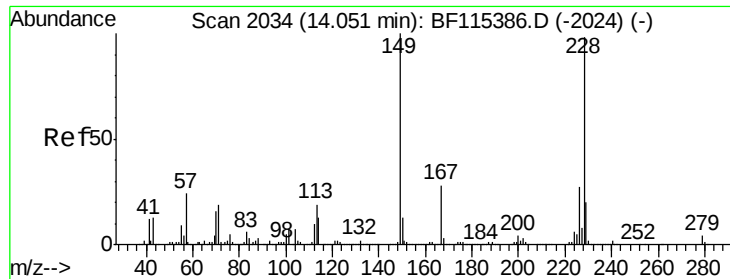
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 68.606 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

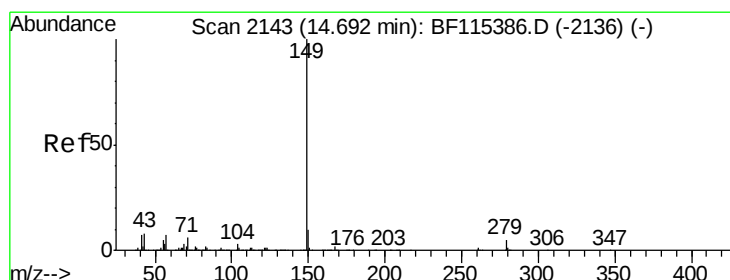
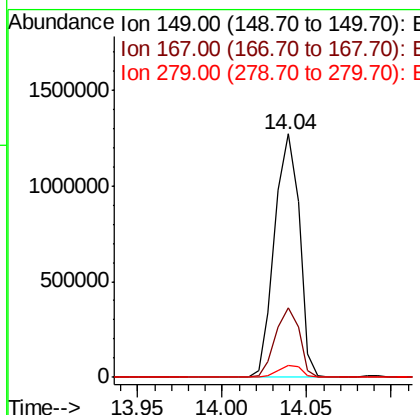
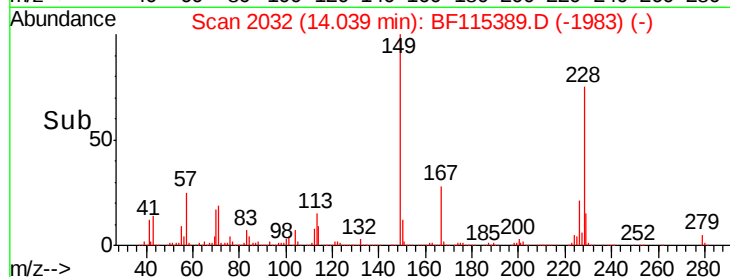
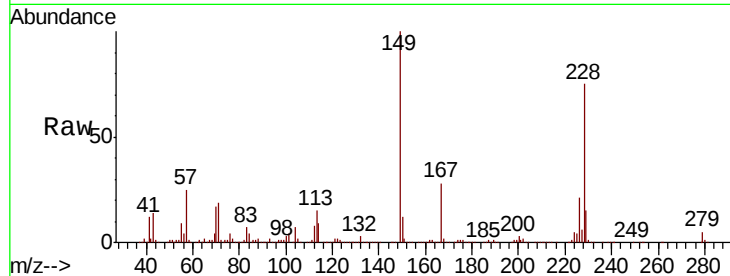
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:149 Resp: 1300207
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.3 33.5
 279 4.7 3.4 5.2

Manual Integrations
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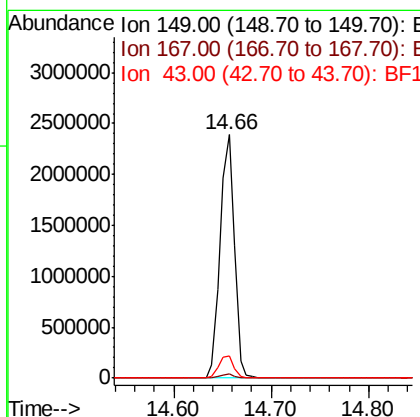
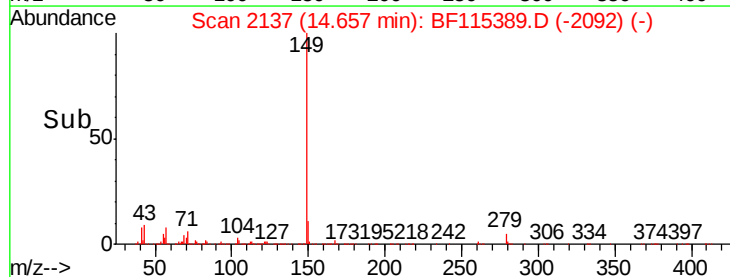
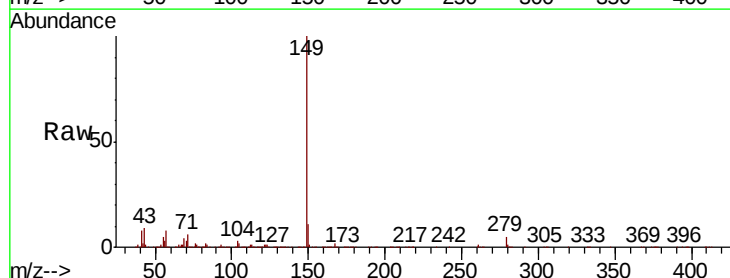
mohammad

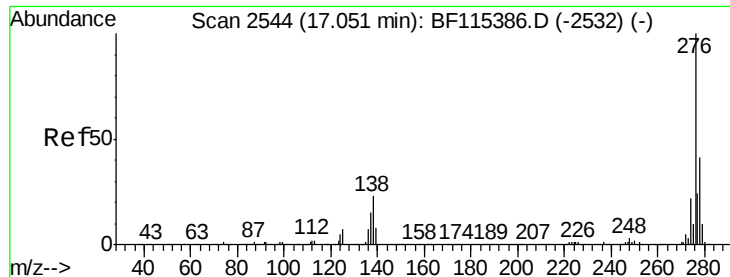
7/8/2019 2:12:49 PM



#85
 Di-n-octyl phthalate
 Concen: 76.370 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. -0.04 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

Tgt Ion:149 Resp: 2431787
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.7 7.6 11.4





#86
Indeno(1,2,3-cd)pyrene
Concen: 51.260 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.04 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

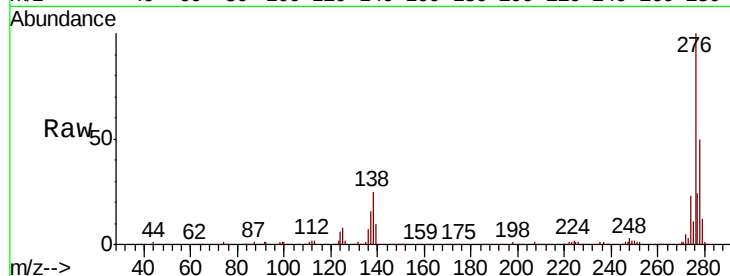
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	0.0	0.0#
277	25.4	0.0	0.0#

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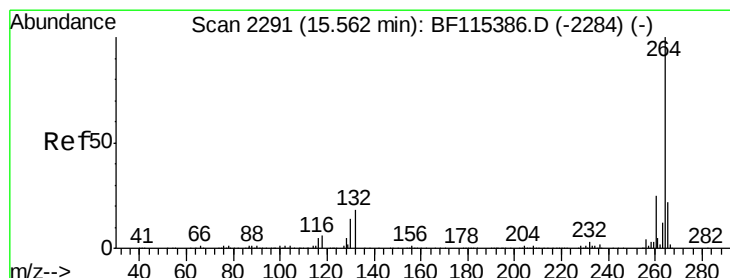
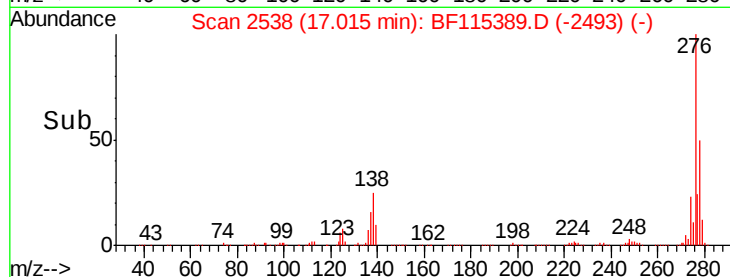
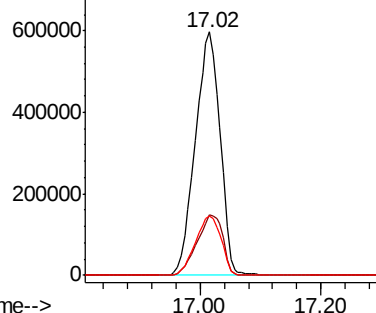


Abundance

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
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

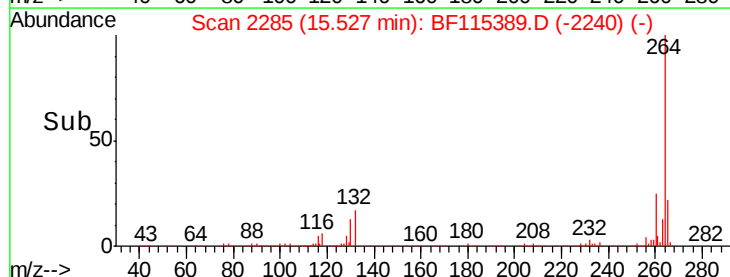
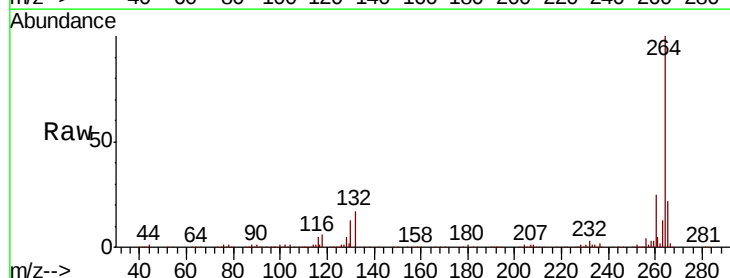
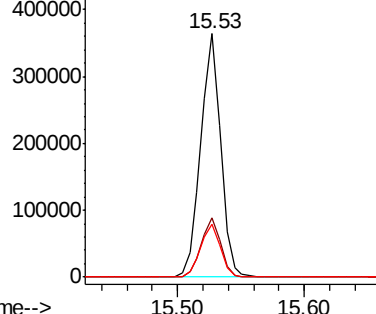
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.8	17.4	26.2

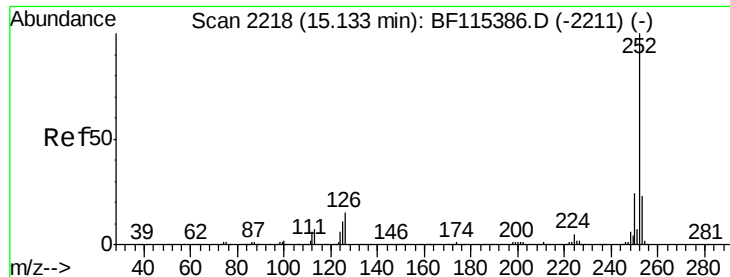
Abundance

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: 80.062 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

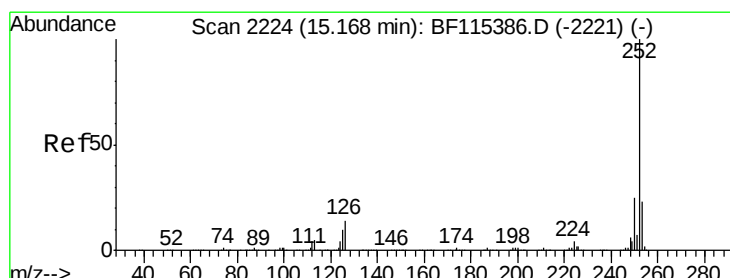
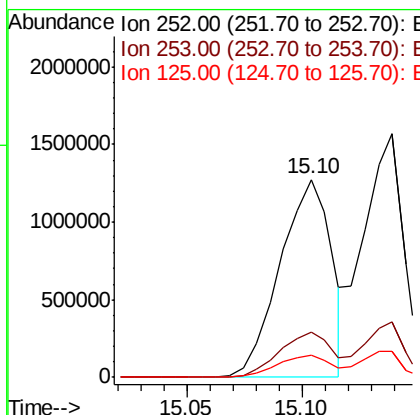
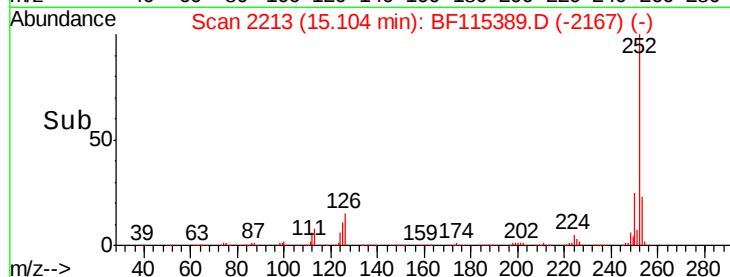
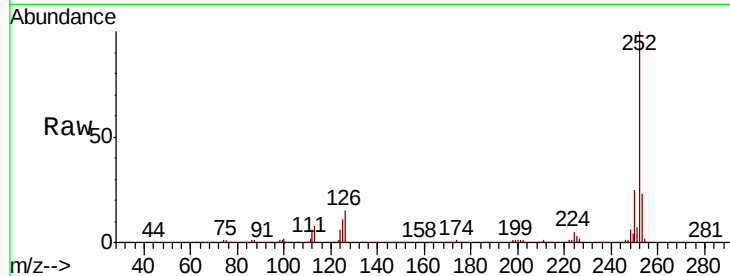
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.4	9.0	13.6

Manual Integrations
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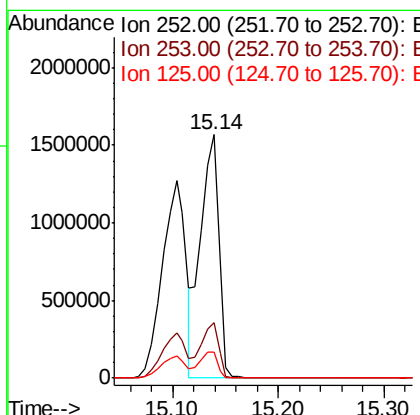
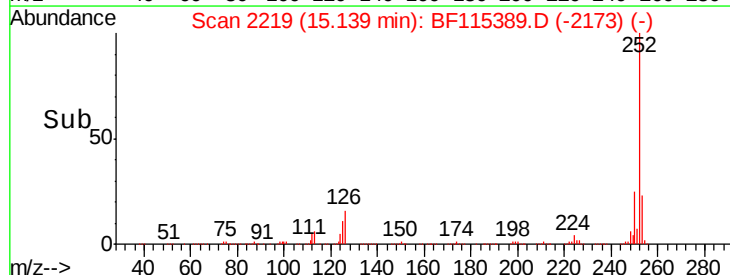
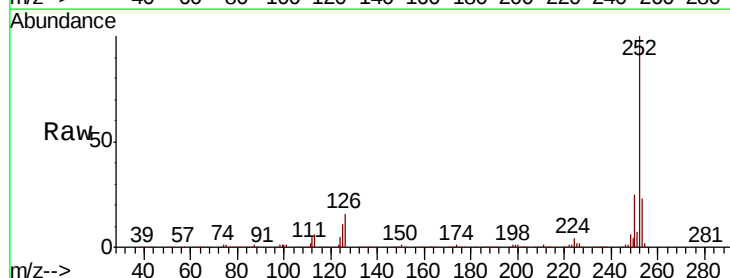
mohammad

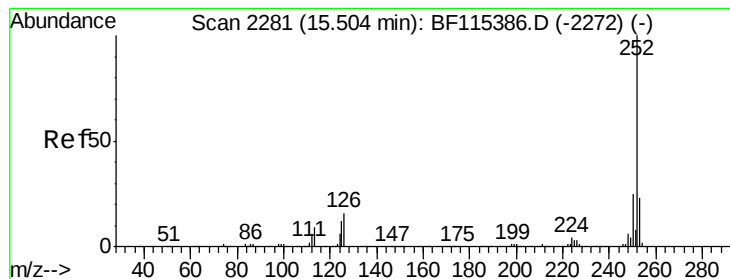
7/8/2019 2:12:49 PM



#89
Benzo(k)fluoranthene
Concen: 84.973 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF115389.D
Acq: 5 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	10.9	8.3	12.5





#90

Benzo(a)pyrene

Concen: 78.502 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:252 Resp: 1742375

Ion Ratio Lower Upper

252 100

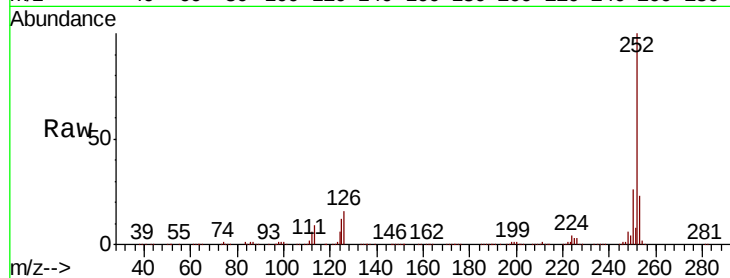
253 22.8 18.2 27.2

125 12.1 10.0 15.0

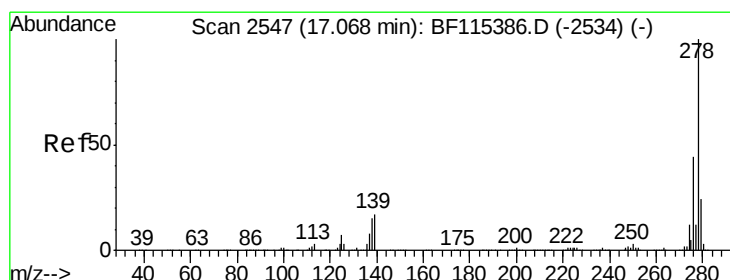
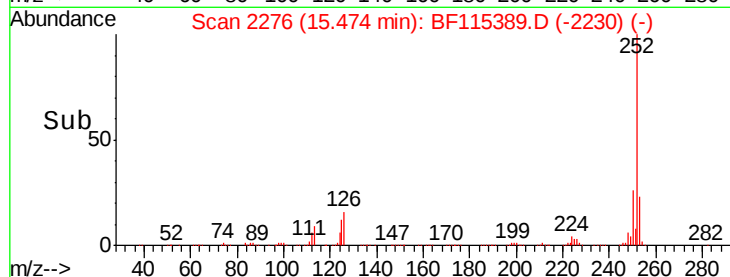
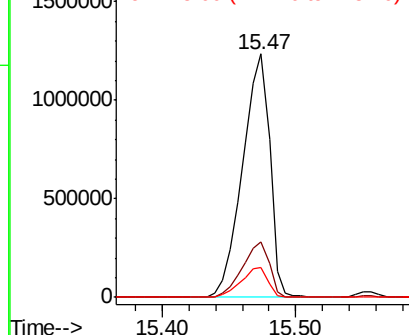
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 67.417 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.04 min

Lab File: BF115389.D

Acq: 5 Jul 2019 11:10

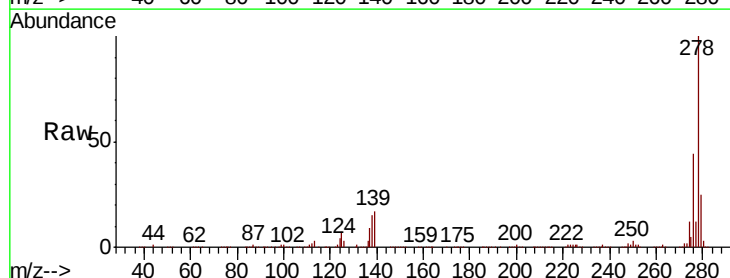
Tgt Ion:278 Resp: 1396916

Ion Ratio Lower Upper

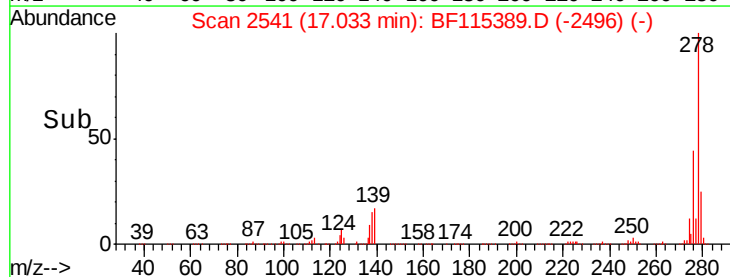
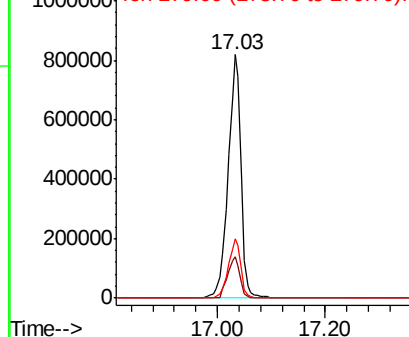
278 100

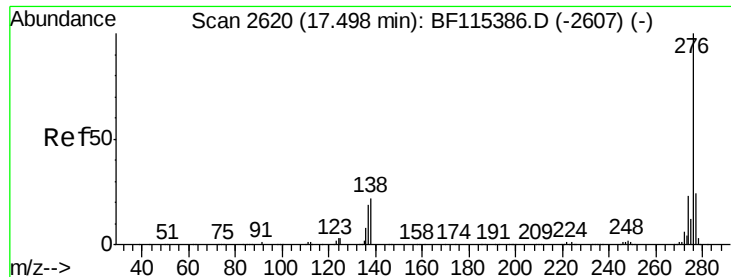
139 16.9 13.4 20.2

279 24.6 19.4 29.0



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(a,h,i)perylene
 Concen: 63.936 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: BF115389.D
 Acq: 5 Jul 2019 11:10

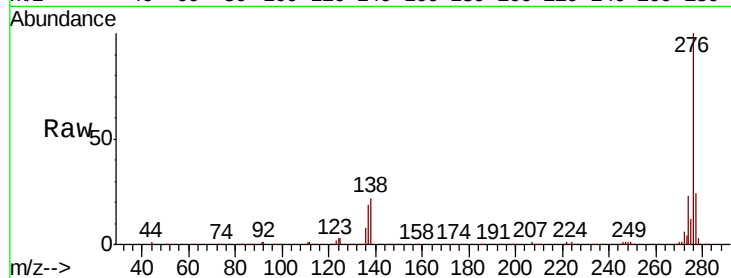
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	22.1	17.8	26.6

Manual Integrations
 APPROVED

mohammad

7/8/2019 2:12:49 PM



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

