

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115315.D
 Acq On : 29 Jun 2019 11:45
 Operator : HP/JU
 Sample : K3555-22MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Manual Integrations
 APPROVED

mohammad
 7/1/2019 5:58:56 PM

Quant Time: Jun 30 02:07:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	206694	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	821606	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	413387	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	853118	20.00	ng	0.00
76) Chrysene-d12	13.72	240	658764	20.00	ng	0.00
87) Perylene-d12	15.08	264	837892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1396572	104.27	ng	0.00
7) Phenol-d6	6.24	99	1774652	109.16	ng	0.00
23) Nitrobenzene-d5	7.16	82	1056603	79.11	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	540866	124.07	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1973575	81.09	ng	0.00
79) Terphenyl-d14	12.68	244	2435555	78.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	174502	27.605	ng	99
3) Pyridine	2.82	79	340640	19.119	ng	100
4) n-Nitrosodimethylamine	2.75	42	214058	30.647	ng	99
6) Aniline	6.26	93	439571	19.673	ng	# 20
8) 2-Chlorophenol	6.38	128	539368	35.812	ng	99
9) Benzaldehyde	6.14	77	324311	30.577	ng	100
10) Phenol	6.25	94	643326	33.782	ng	91
11) bis(2-Chloroethyl)ether	6.34	93	479157	34.134	ng	100
12) 1,3-Dichlorobenzene	6.54	146	553205	33.097	ng	99
13) 1,4-Dichlorobenzene	6.62	146	574712	34.288	ng	98
14) 1,2-Dichlorobenzene	6.77	146	534392	34.428	ng	99
15) Benzyl Alcohol	6.75	79	410257	34.656	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.88	45	674918	33.150	ng	97
17) 2-Methylphenol	6.87	107	450553	36.242	ng	100
18) Hexachloroethane	7.11	117	197345	32.658	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	341297	32.792	ng	98
20) 3+4-Methylphenols	7.02	107	530885	36.984	ng	# 79
22) Acetophenone	7.01	105	703714	37.413	ng	# 96
24) Nitrobenzene	7.18	77	540004	36.700	ng	97
25) Isophorone	7.42	82	971662	35.513	ng	100
26) 2-Nitrophenol	7.50	139	299232	41.180	ng	94
27) 2,4-Dimethylphenol	7.55	122	492575	41.402	ng	100
28) bis(2-Chloroethoxy)methane	7.64	93	624916	36.137	ng	100
29) 2,4-Dichlorophenol	7.74	162	472737	38.503	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	489813	36.117	ng	99
31) Naphthalene	7.90	128	1510133	37.444	ng	99
32) Benzoic acid	7.63	122	104868m	12.348	ng	
33) 4-Chloroaniline	7.95	127	332360	18.032	ng	98
34) Hexachlorobutadiene	8.03	225	267178	35.949	ng	98
35) Caprolactam	8.31	113	161039m	39.012	ng	
36) 4-Chloro-3-methylphenol	8.44	107	477032	38.364	ng	99
37) 2-Methylnaphthalene	8.60	142	1034729	38.051	ng	98
38) 1-Methylnaphthalene	8.69	142	976407	37.596	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	435438	37.276	ng	99

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
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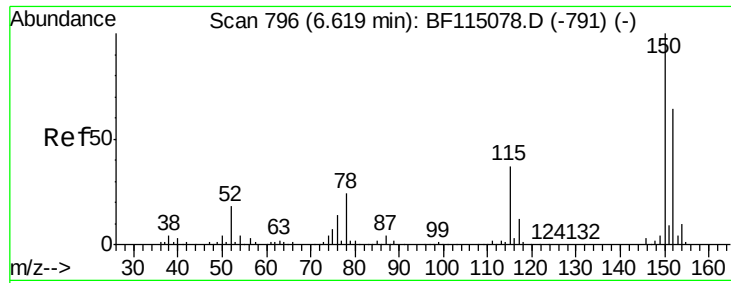
Manual Integrations
 APPROVED

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 7/1/2019 5:58:56 PM

Quant Time: Jun 30 02:07:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	508140	73.359	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	340544	37.760	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	372232	40.079	ng	98
46) 1,1'-Biphenyl	9.05	154	1228690	37.147	ng	99
47) 2-Chloronaphthalene	9.08	162	986029	36.750	ng	99
48) 2-Nitroaniline	9.17	65	297519	38.035	ng	94
49) Acenaphthylene	9.49	152	1574926	37.675	ng	100
50) Dimethylphthalate	9.36	163	1493913	49.120	ng	99
51) 2,6-Dinitrotoluene	9.41	165	275632	39.255	ng	99
52) Acenaphthene	9.66	154	916600	35.041	ng	99
53) 3-Nitroaniline	9.58	138	224049	26.148	ng	100
54) 2,4-Dinitrophenol	9.68	184	177139	51.870	ng	94
55) Dibenzofuran	9.83	168	1387534	36.958	ng	100
56) 4-Nitrophenol	9.75	139	532282	77.485	ng	99
57) 2,4-Dinitrotoluene	9.82	165	372020	41.033	ng	96
58) Fluorene	10.17	166	993370	38.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	312030	40.067	ng	98
60) Diethylphthalate	10.06	149	1161677	37.998	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	481244	39.714	ng	98
62) 4-Nitroaniline	10.19	138	325410	37.856	ng	99
63) Azobenzene	10.33	77	1050160	36.776	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	168077	38.161	ng	99
66) n-Nitrosodiphenylamine	10.29	169	971673	36.558	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	333618	36.069	ng	96
68) Hexachlorobenzene	10.72	284	368131	36.667	ng	99
69) Atrazine	10.82	200	326726	38.214	ng	99
70) Pentachlorophenol	10.91	266	422916	66.121	ng	98
71) Phenanthrene	11.12	178	1617611	35.217	ng	99
72) Anthracene	11.18	178	1689226	36.432	ng	100
73) Carbazole	11.33	167	1565698	37.816	ng	100
74) Di-n-butylphthalate	11.68	149	1825747	38.160	ng	100
75) Fluoranthene	12.30	202	1753844	38.269	ng	99
77) Benzidine	12.42	184	307738	10.520	ng	95
78) Pyrene	12.52	202	1805185	35.657	ng	99
80) Butylbenzylphthalate	13.16	149	840914	37.638	ng	96
81) Benzo(a)anthracene	13.71	228	1699144	35.947	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	495204	29.011	ng	99
83) Chrysene	13.75	228	1631989	37.691	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1131267	38.643	ng	# 98
85) Di-n-octyl phthalate	14.34	149	1978093	40.216	ng	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	2071474	40.430	ng	99
88) Benzo(b)fluoranthene	14.71	252	1961447	37.517	ng	99
89) Benzo(k)fluoranthene	14.74	252	1545653	32.966	ng	98
90) Benzo(a)pyrene	15.03	252	1732261	36.761	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1685094	38.305	ng	98
92) Benzo(g,h,i)perylene	16.74	276	1734128	38.947	ng	98

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



#1

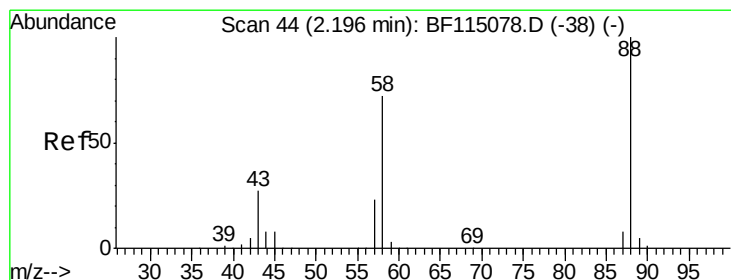
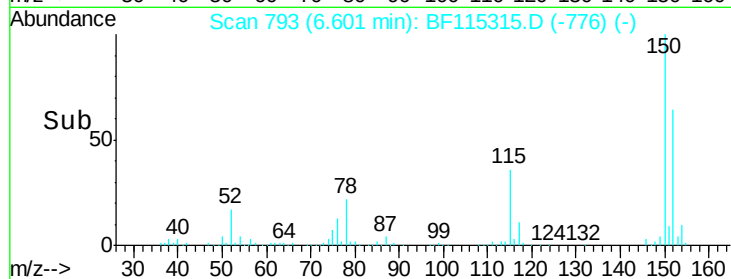
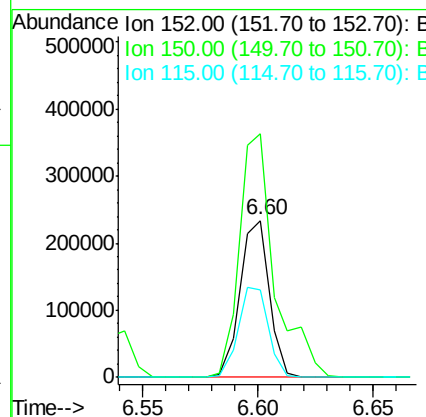
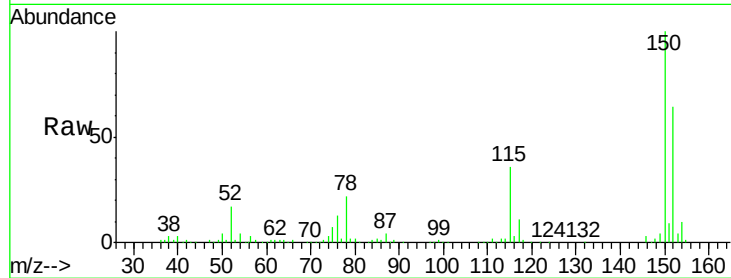
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	55.6	46.1	69.1

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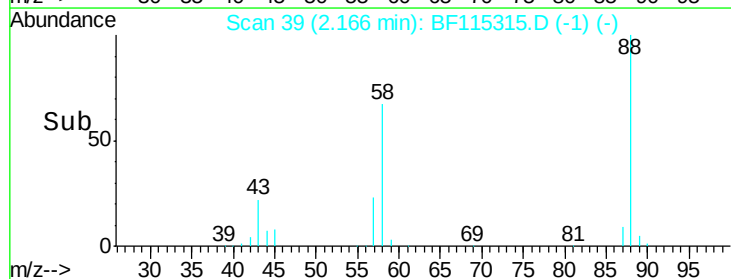
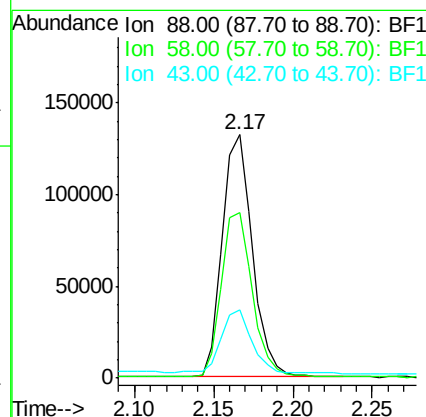
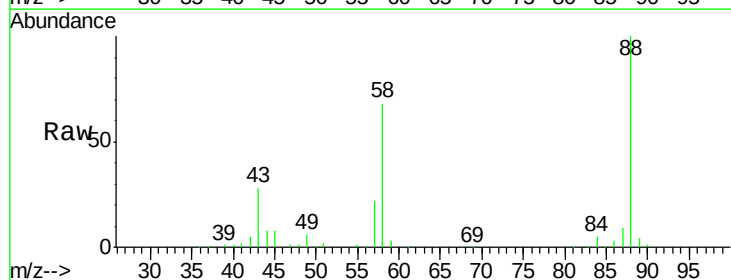
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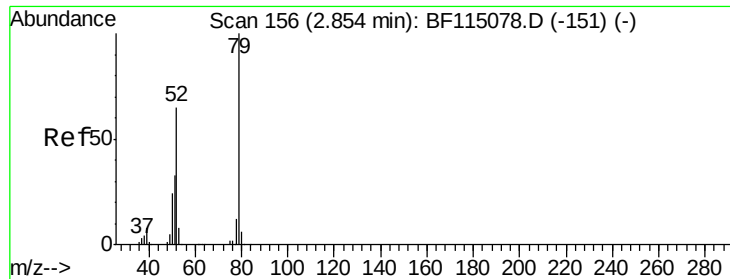


#2

1,4-Dioxane
Concen: 27.605 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	56.1	84.1
43	27.8	21.3	31.9





#3

Pyridine

Concen: 19.119 ng

RT: 2.82 min Scan# 151

Delta R.T. 0.02 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

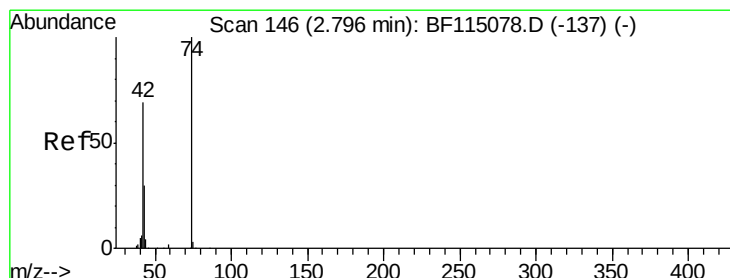
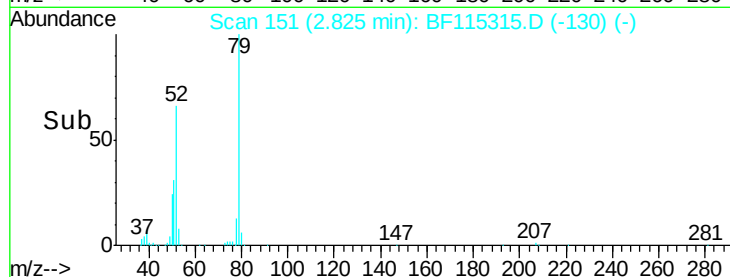
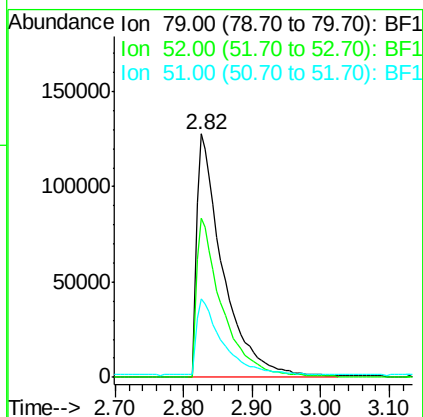
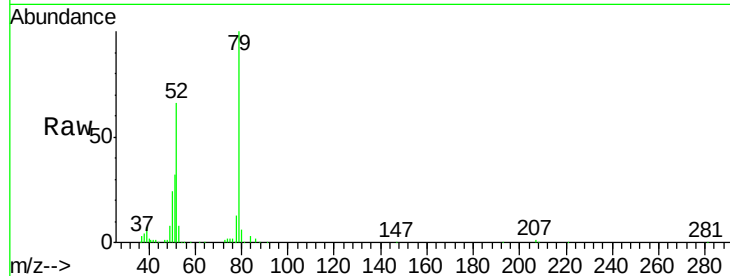
ClientSampleId :

SAMPLE-14MS

Tgt Ion:	79	Resp:	340640
Ion Ratio	Lower	Upper	
79	100		
52	65.5	52.3	78.5
51	32.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 30.647 ng

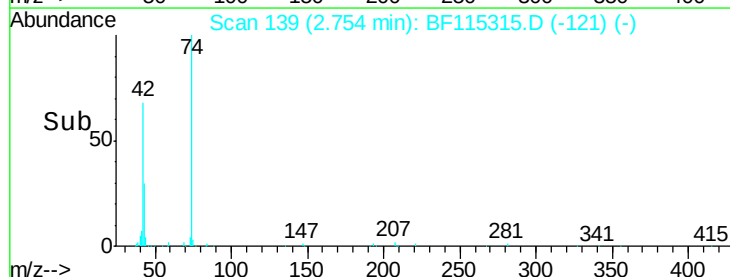
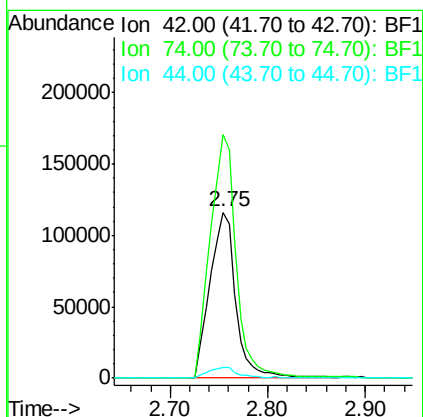
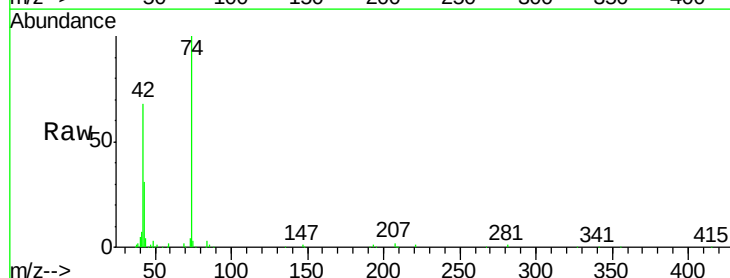
RT: 2.75 min Scan# 139

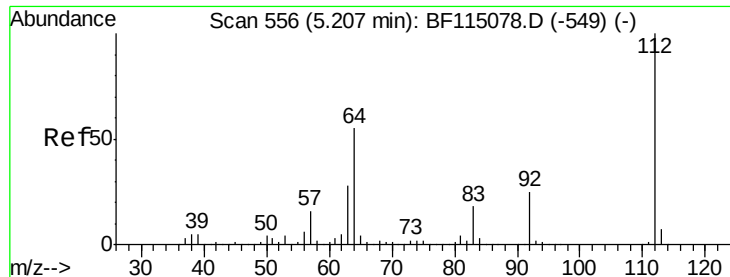
Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Tgt Ion:	42	Resp:	214058
Ion Ratio	Lower	Upper	
42	100		
74	147.1	116.6	175.0
44	6.3	5.3	7.9





#5

2-Fluorophenol

Concen: 104.267 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

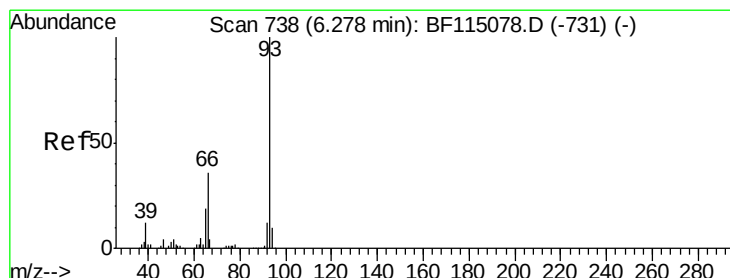
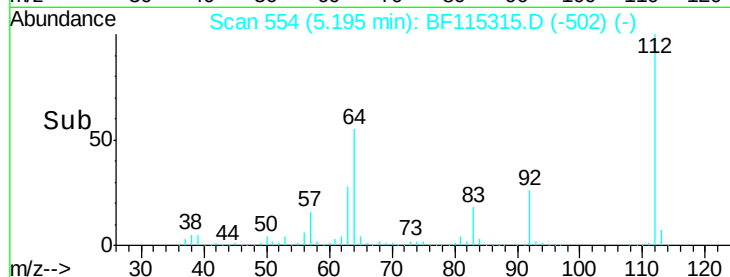
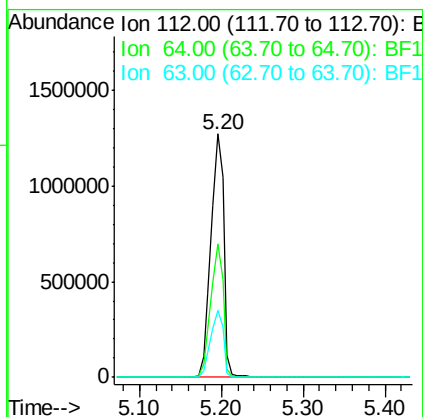
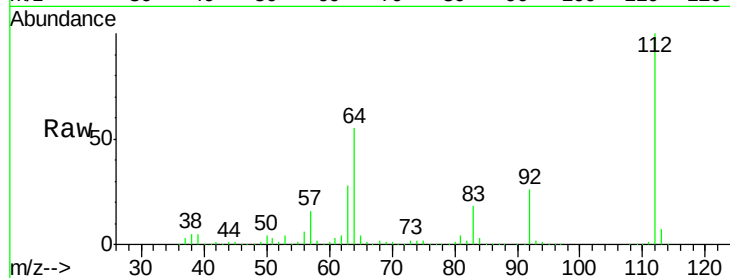
ClientSampleId :

SAMPLE-14MS

Tgt Ion:	112	Resp:	1396572
Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.8	65.6
63	27.6	22.2	33.4

Manual Integrations
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#6

Aniline

Concen: 19.673 ng

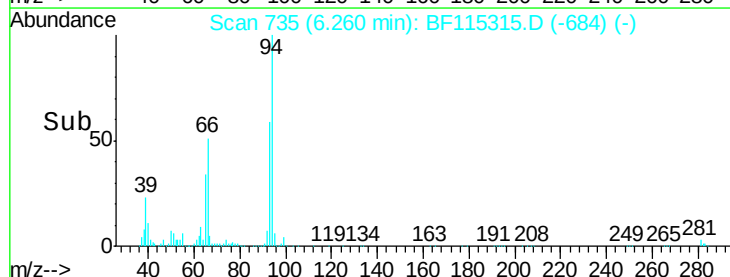
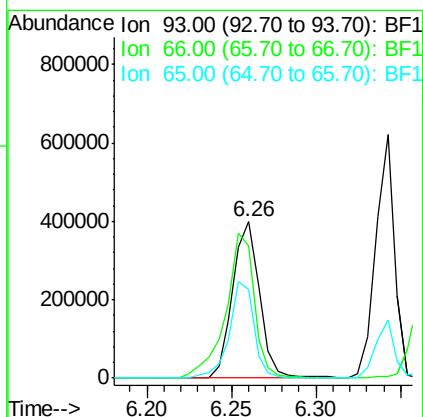
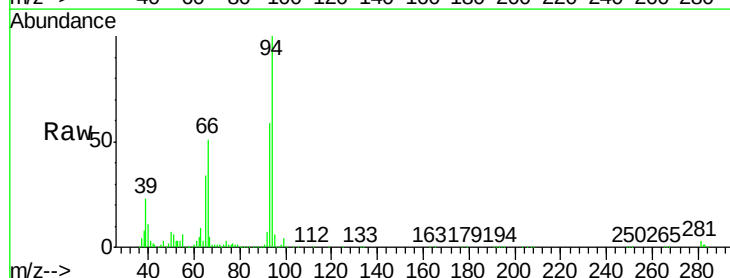
RT: 6.26 min Scan# 735

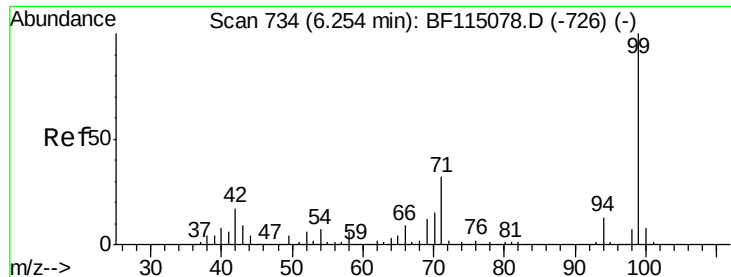
Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Tgt Ion:	93	Resp:	439571
Ion	Ratio	Lower	Upper
93	100		
66	85.1	30.0	45.0#
65	56.8	15.6	23.4#





#7

Phenol-d6

Concen: 109.161 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion: 99 Resp: 1774652

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

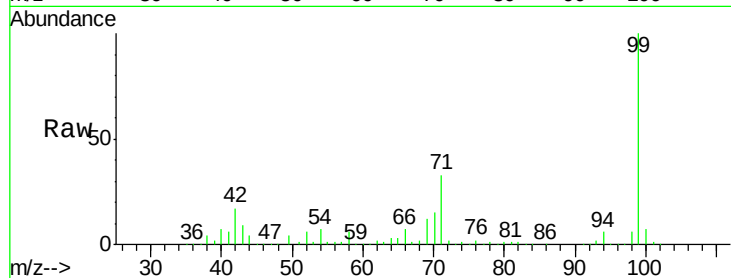
71 32.8 25.5 38.3

Manual Integrations

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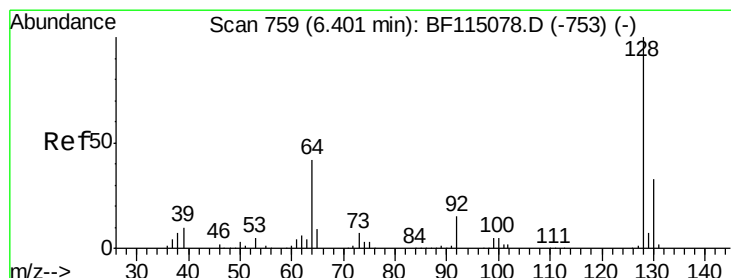
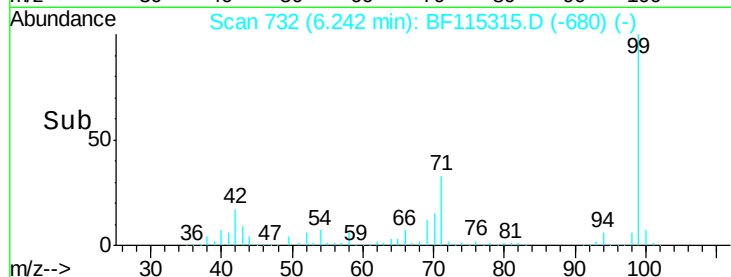
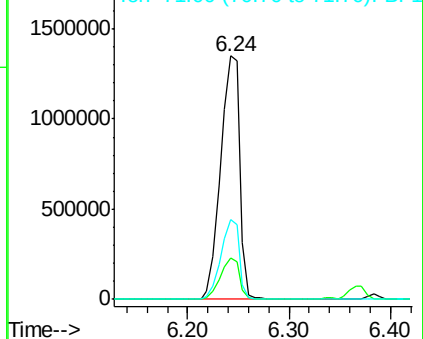
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.812 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

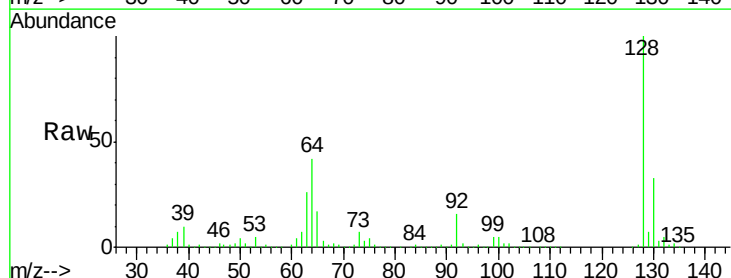
Tgt Ion: 128 Resp: 539368

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

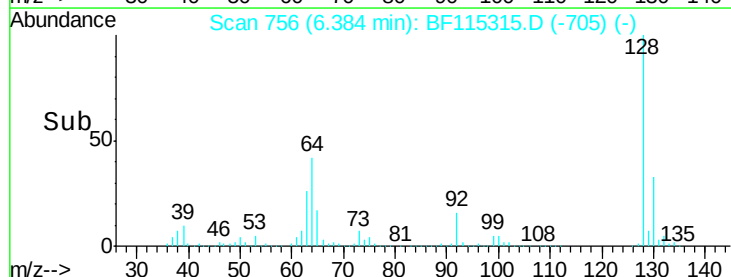
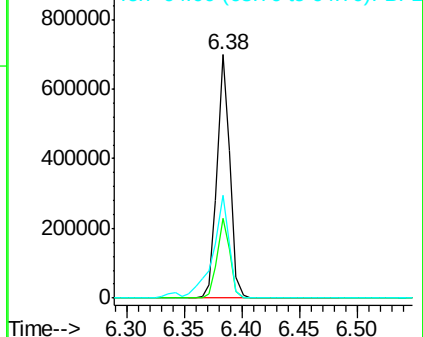
64 42.2 22.9 62.9

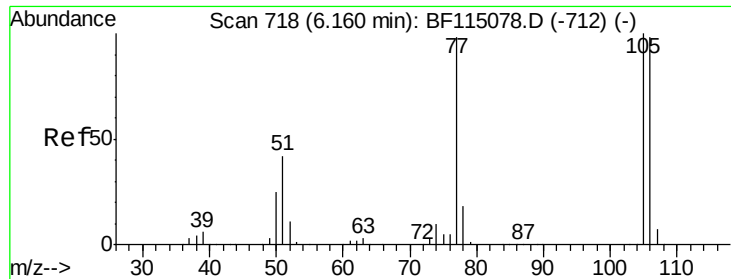


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





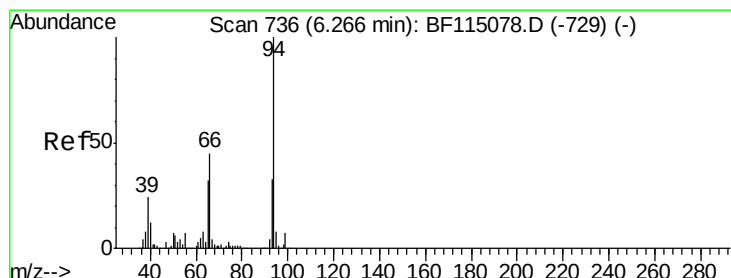
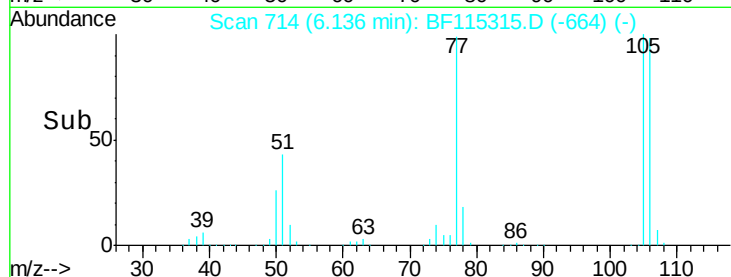
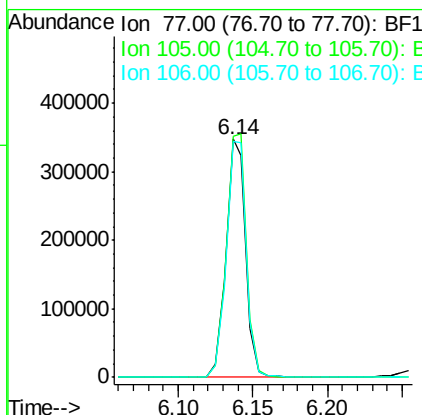
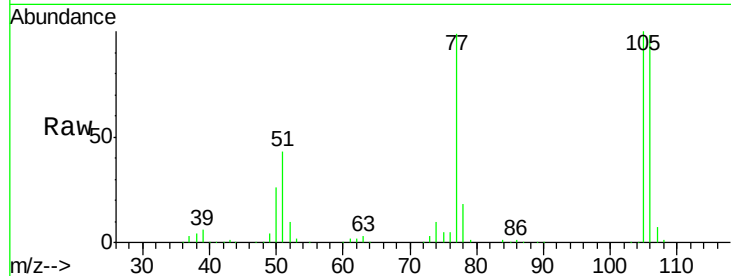
#9
Benzaldehyde
Concen: 30.577 ng
RT: 6.14 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.3	81.5	121.5
106	99.0	79.7	119.7

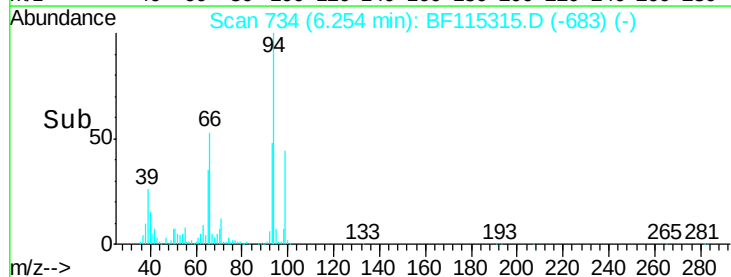
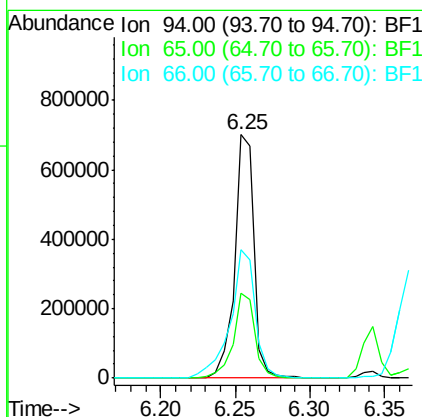
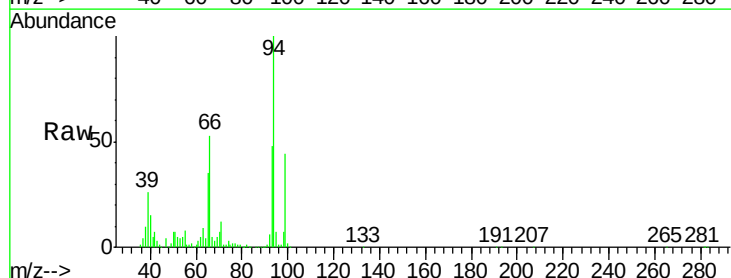
Manual Integrations
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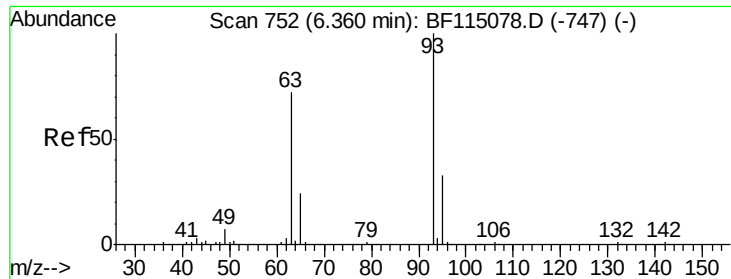
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#10
Phenol
Concen: 33.782 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.8	11.9	51.9
66	52.7	25.2	65.2





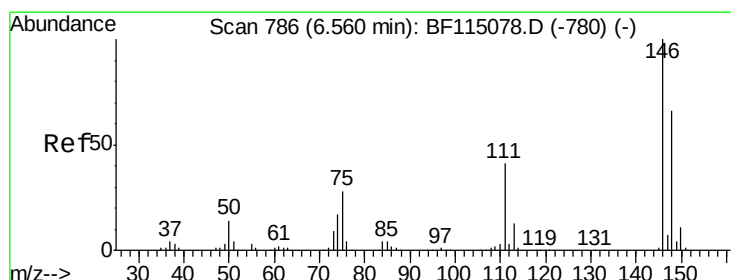
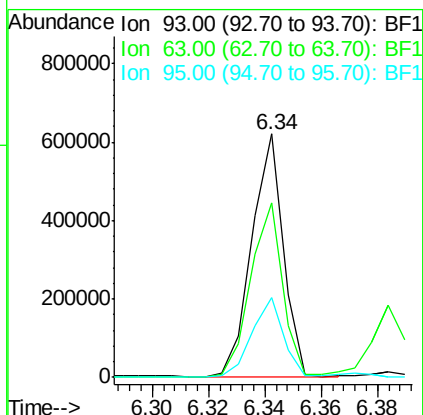
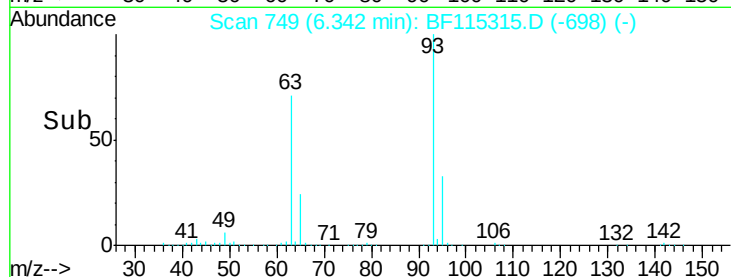
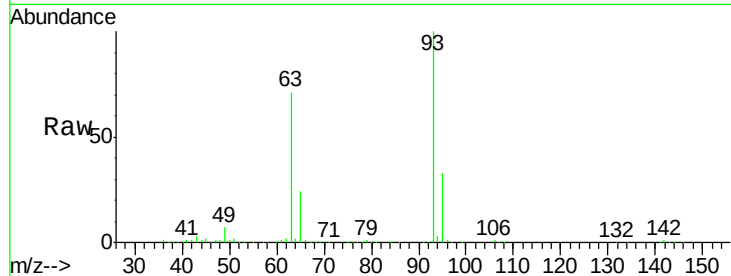
#11
bis(2-Chloroethyl)ether
Concen: 34.134 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.4	51.5	91.5
95	32.9	13.4	53.4

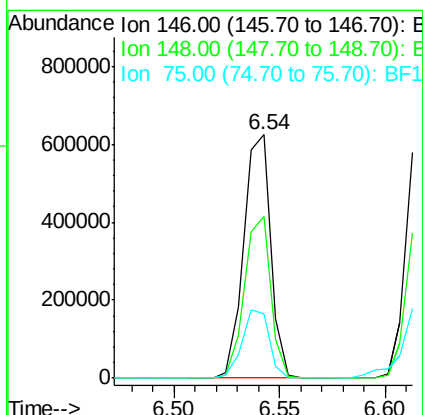
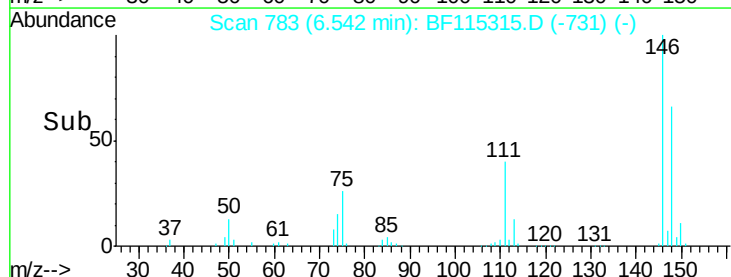
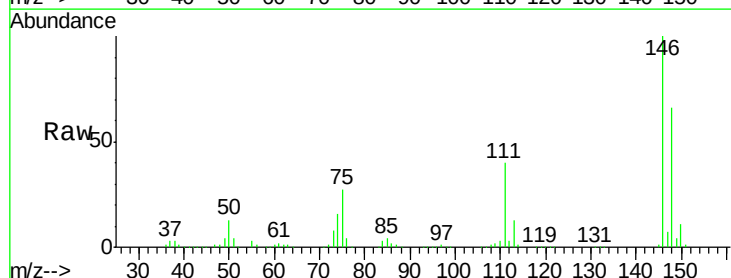
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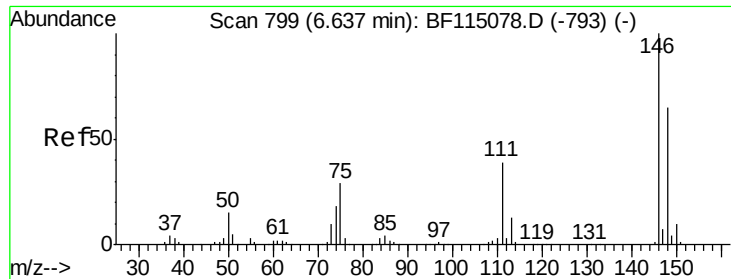
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.097 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.6	78.8
75	26.6	22.6	34.0





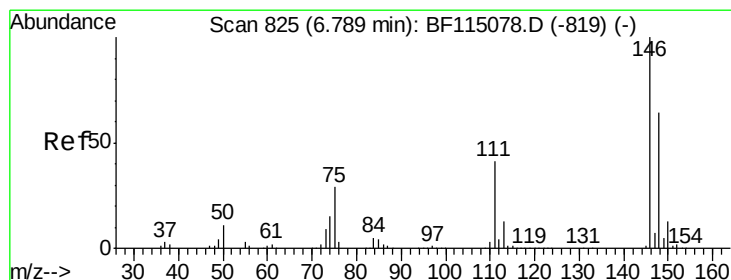
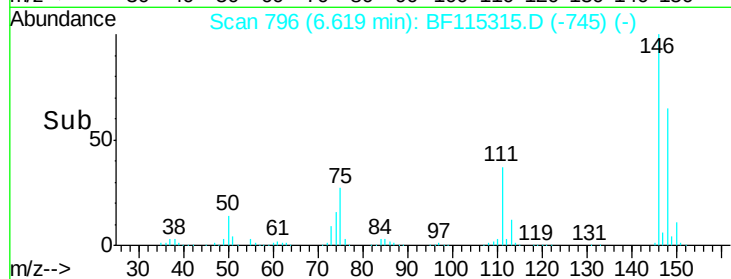
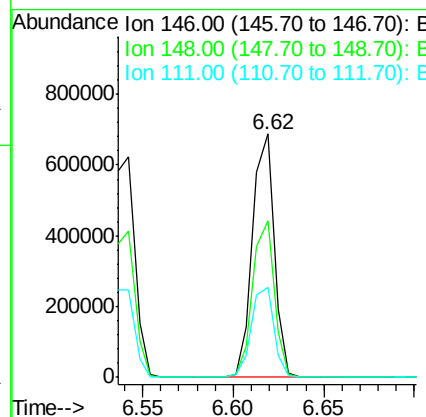
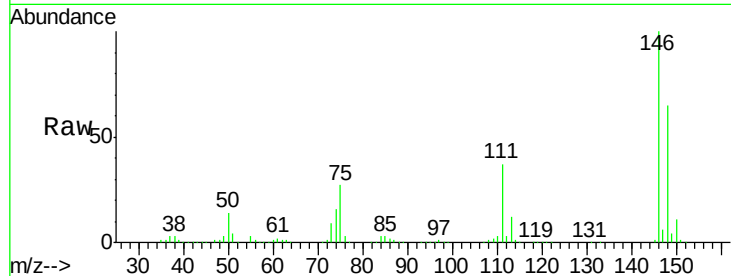
#13
 1,4-Dichlorobenzene
 Concen: 34.288 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	37.1	31.4	47.0

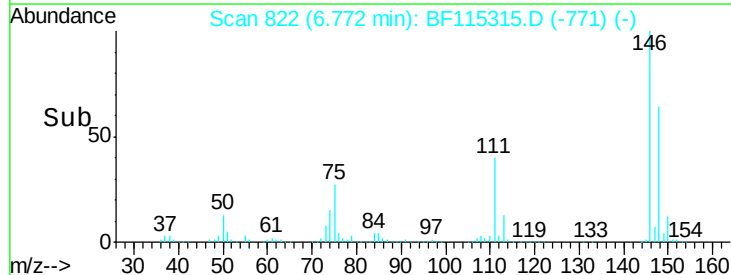
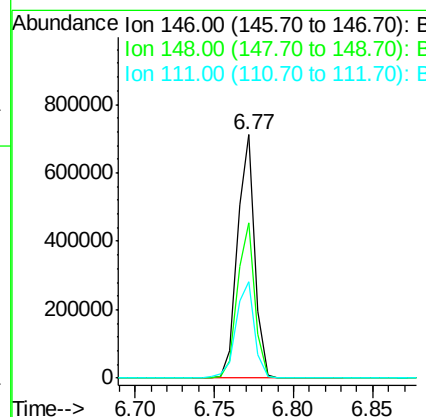
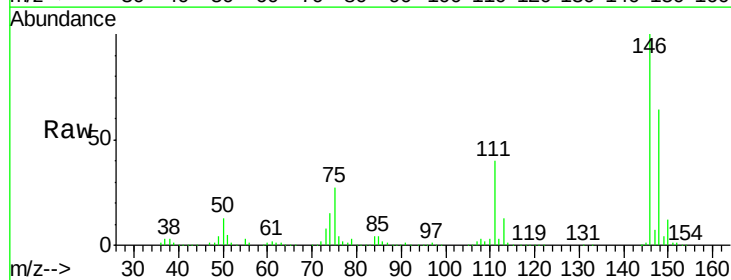
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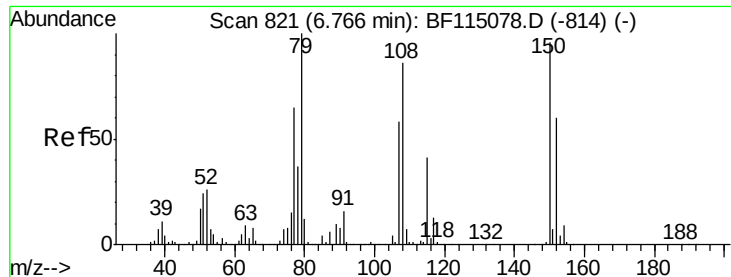
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#14
 1,2-Dichlorobenzene
 Concen: 34.428 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.6	33.2	49.8





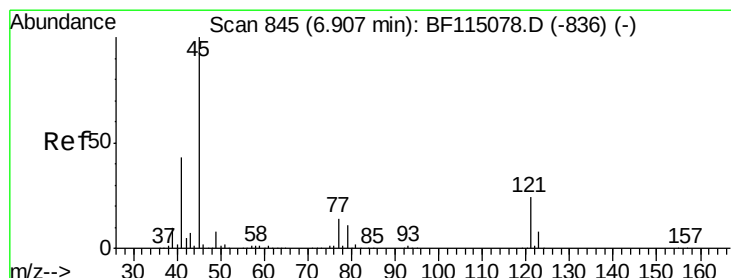
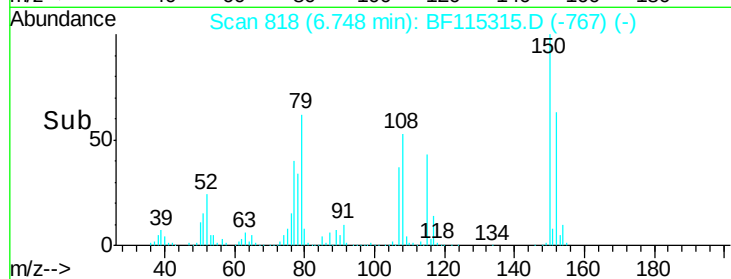
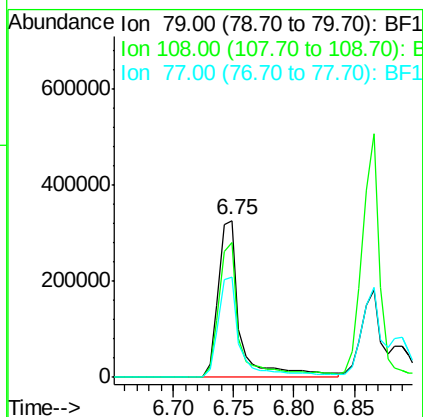
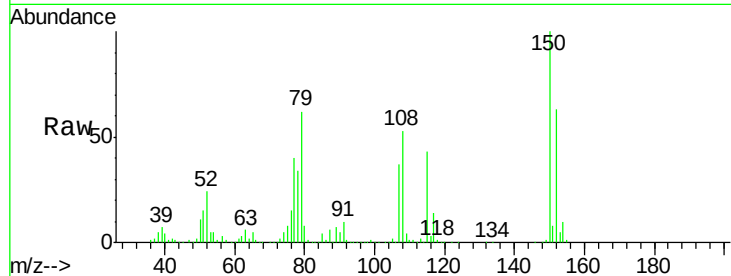
#15
Benzyl Alcohol
Concen: 34.656 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion: 79 Resp: 410257
Ion Ratio Lower Upper
79 100
108 85.8 68.7 103.1
77 64.0 51.7 77.5

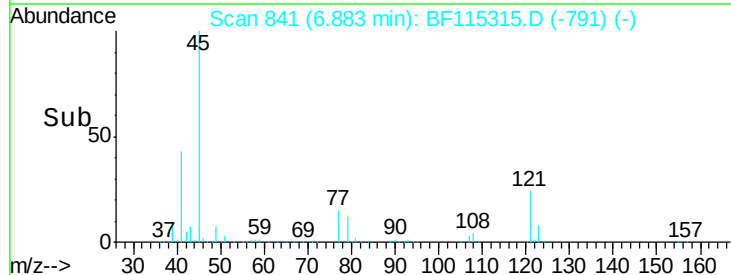
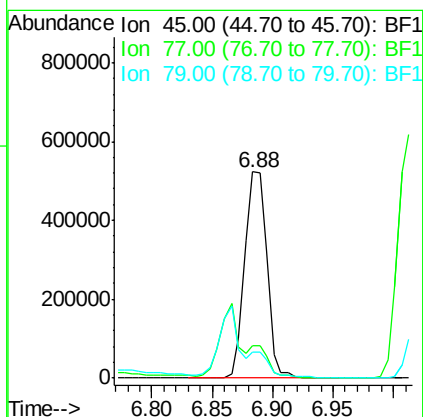
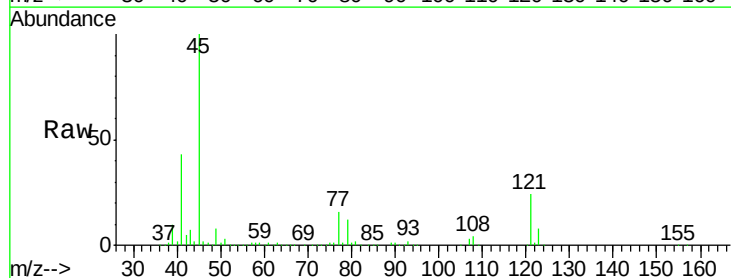
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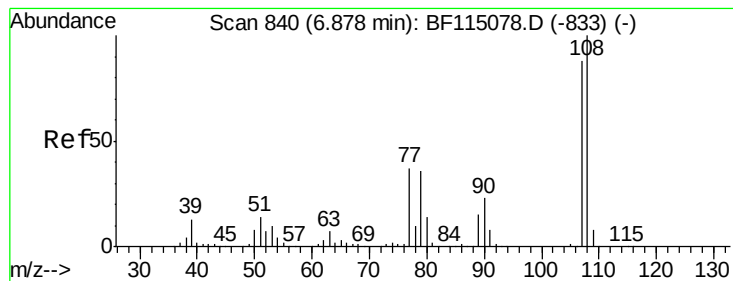
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.150 ng
RT: 6.88 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion: 45 Resp: 674918
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.6
79 12.4 0.0 31.2





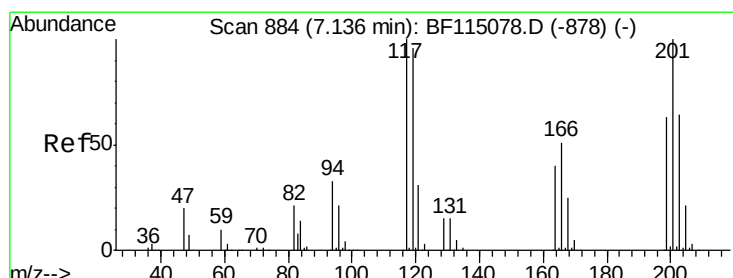
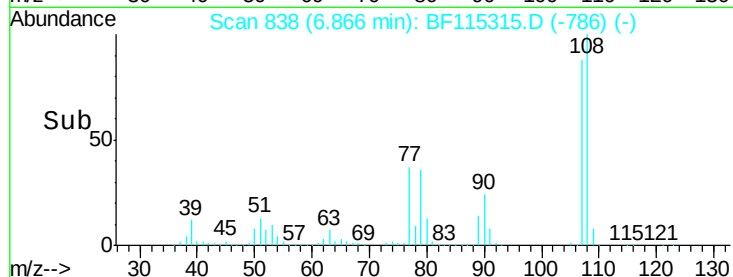
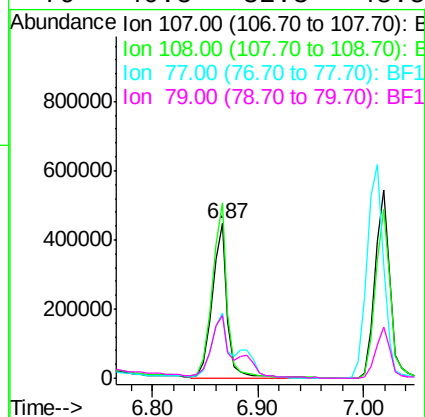
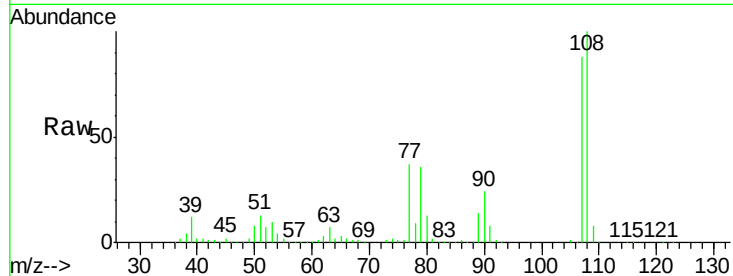
#17
2-Methylphenol
Concen: 36.242 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion:	107	Resp:	450553
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.9	136.3
77	42.1	33.4	50.2
79	40.5	32.3	48.5

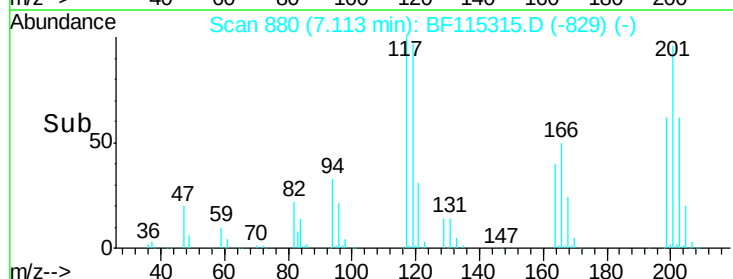
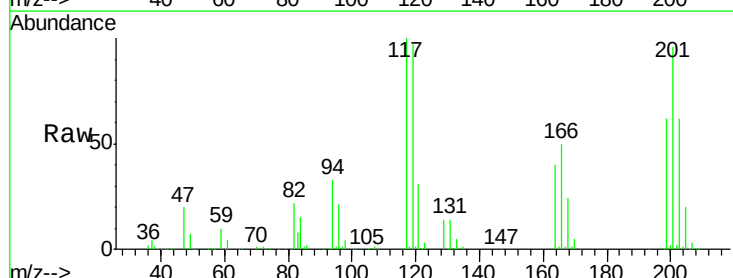
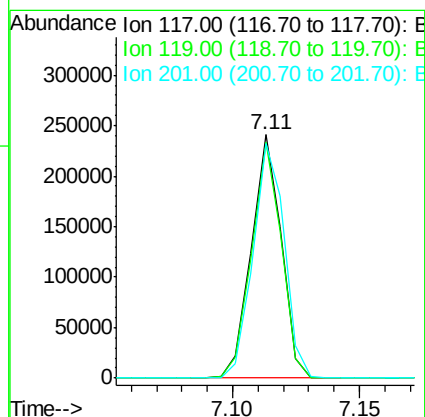
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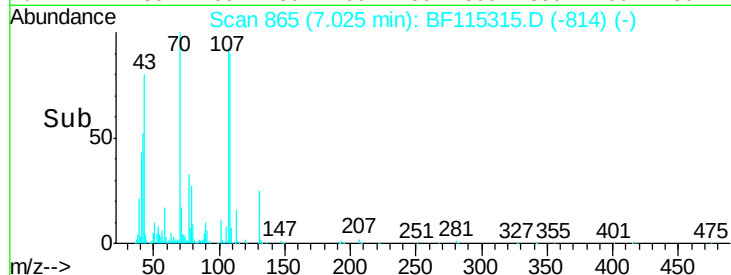
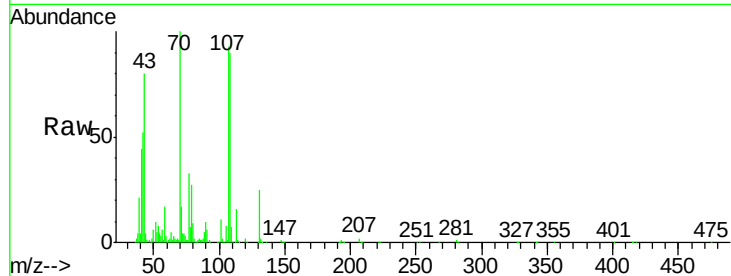
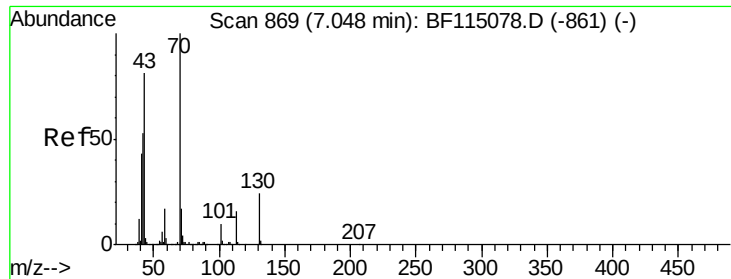
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#18
Hexachloroethane
Concen: 32.658 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:	117	Resp:	197345
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.6	114.8
201	96.3	80.2	120.2





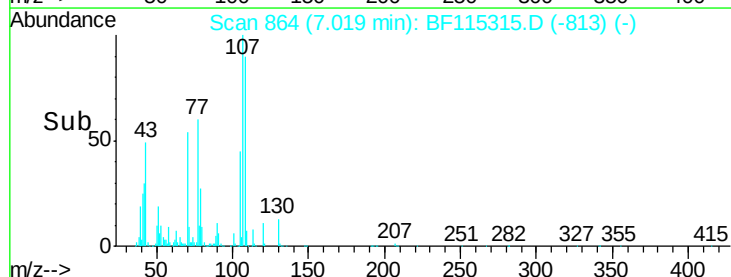
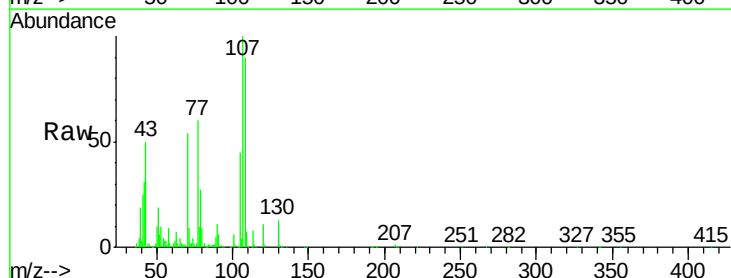
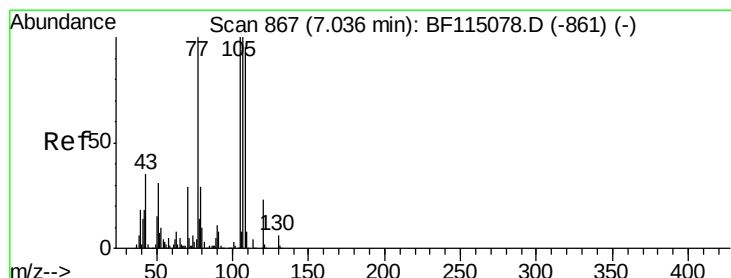
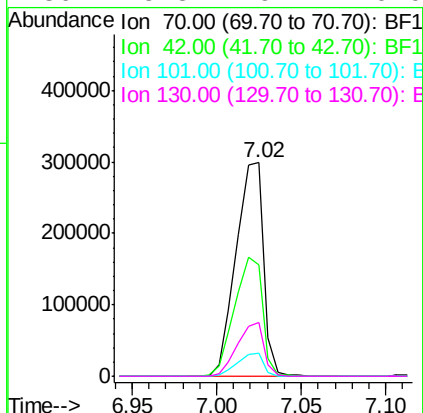
#19
n-Nitroso-di-n-propylamine
Concen: 32.792 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

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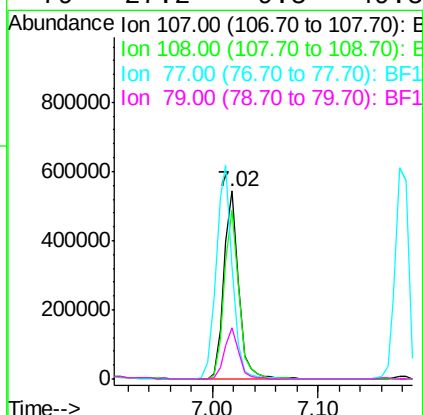
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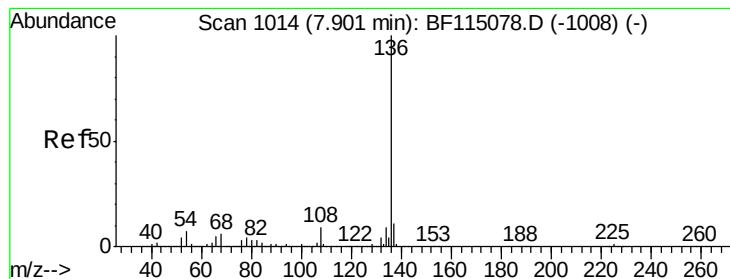
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.6	63.8
101	10.8	8.0	12.0
130	25.3	19.4	29.0



#20
3+4-Methylphenols
Concen: 36.984 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	75.5	115.5
77	60.2	80.2	120.2#
79	27.2	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

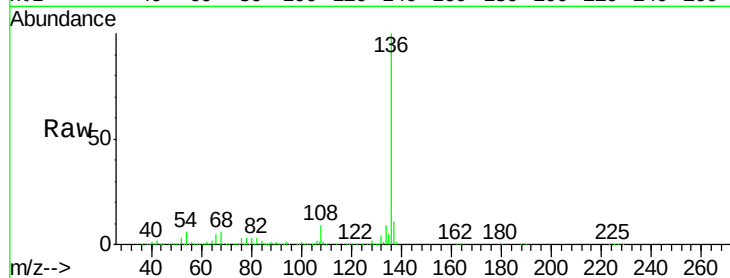
ClientSampleId :

SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	821606		
137	10.9		8.9	13.3
54	6.3		5.6	8.4
68	5.5		4.8	7.2

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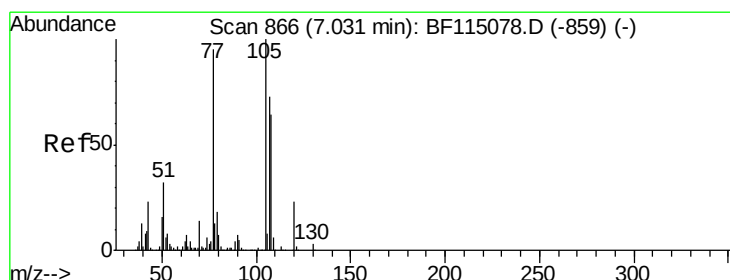
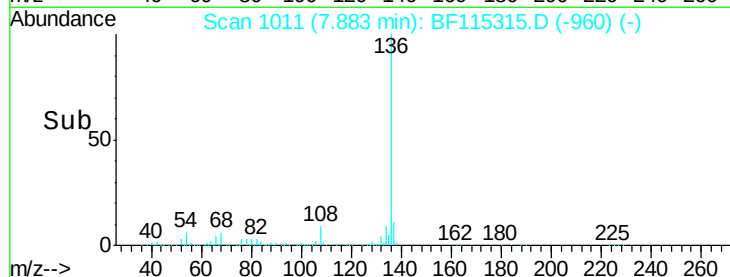
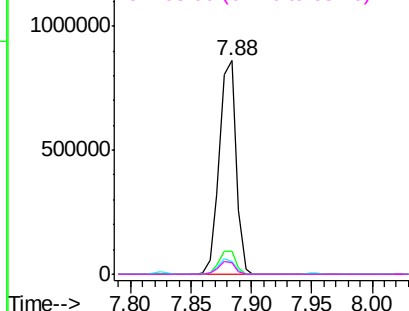


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.413 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

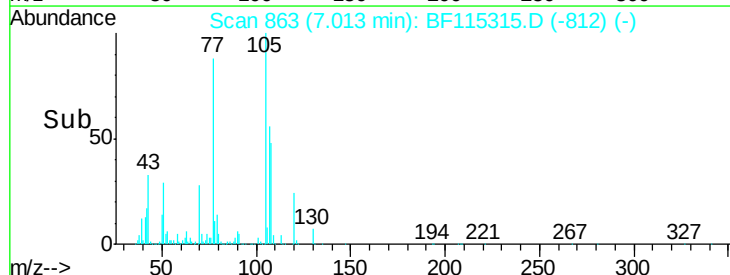
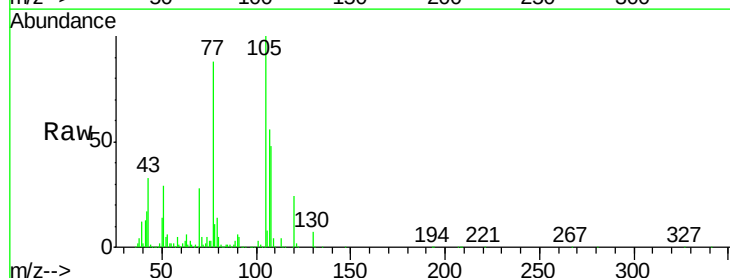
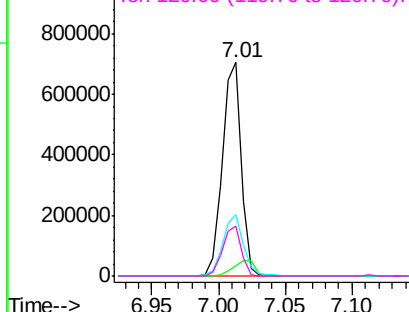
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	703714		
71	4.8		1.9	2.9#
51	28.8		25.8	38.8
120	23.6		18.5	27.7

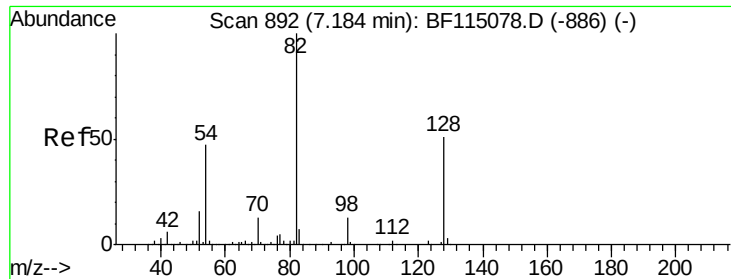
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





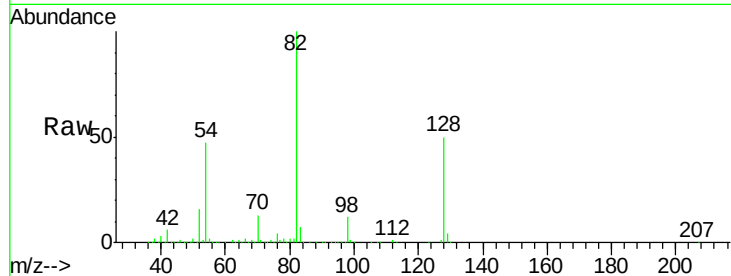
#23
 Nitrobenzene-d5
 Concen: 79.110 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

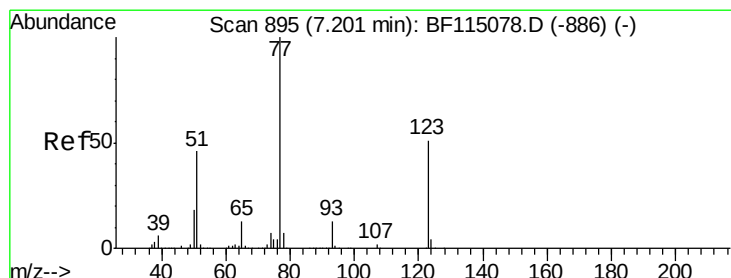
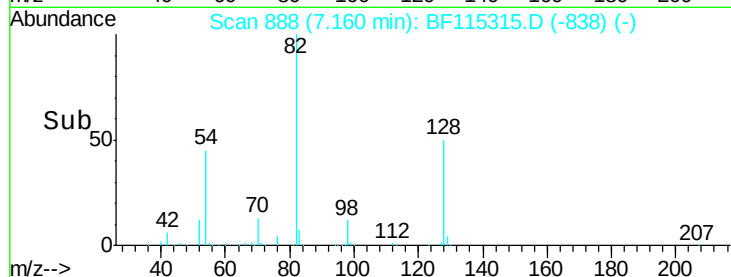
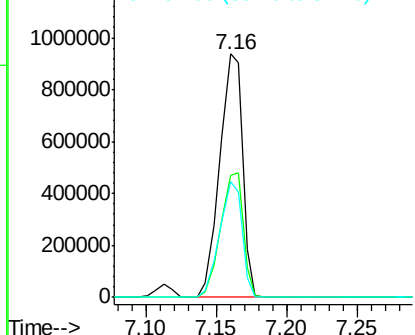
Tgt Ion: 82 Resp: 1056603
 Ion Ratio Lower Upper
 82 100
 128 49.9 40.4 60.6
 54 47.3 37.5 56.3

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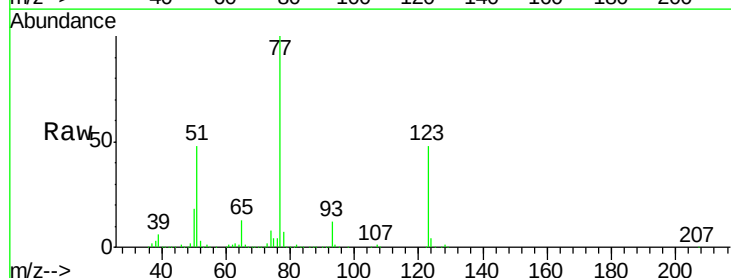


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

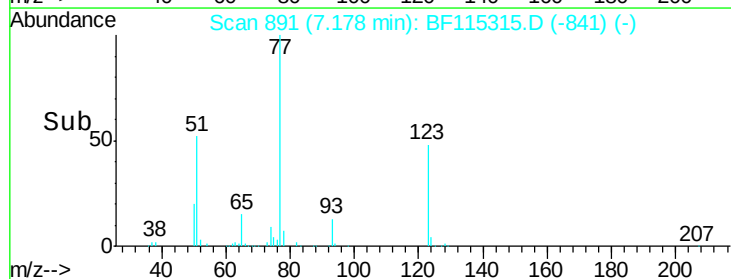
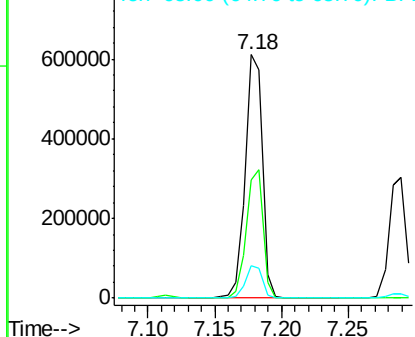


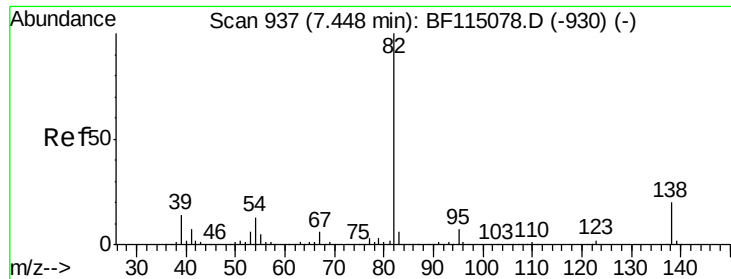
#24
 Nitrobenzene
 Concen: 36.700 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion: 77 Resp: 540004
 Ion Ratio Lower Upper
 77 100
 123 48.5 41.0 61.6
 65 13.1 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.513 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

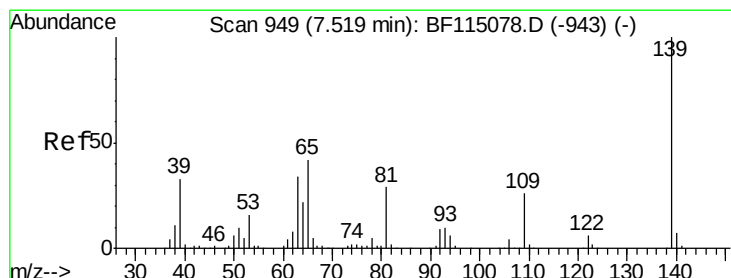
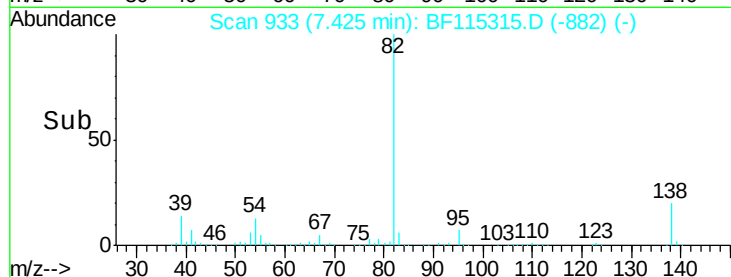
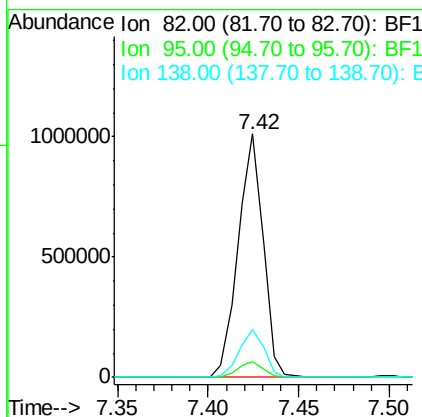
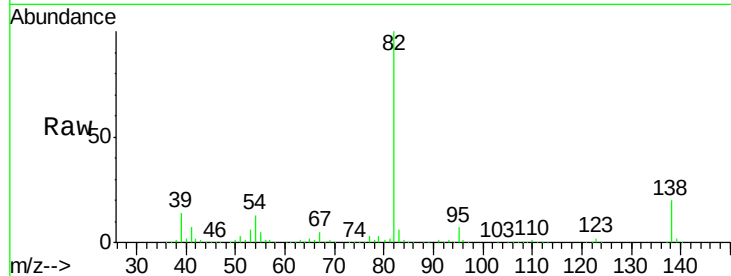
ClientSampleId :

SAMPLE-14MS

Tgt Ion:	82	Resp:	971662
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.2
138	19.9	15.9	23.9

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#26

2-Nitrophenol

Concen: 41.180 ng

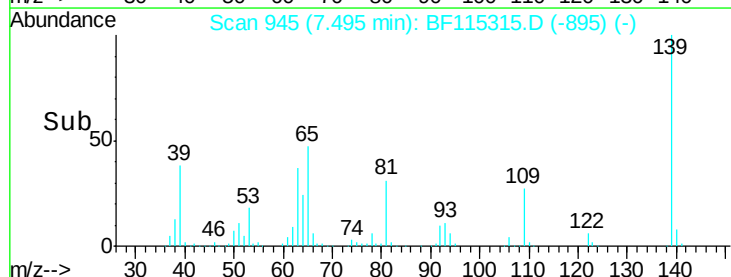
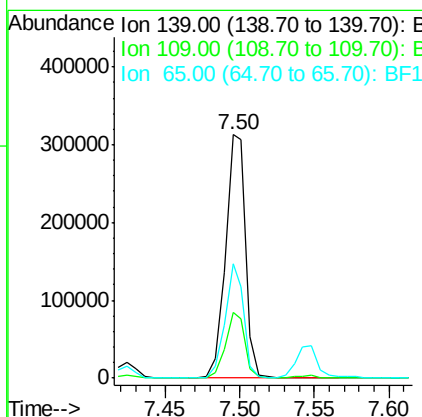
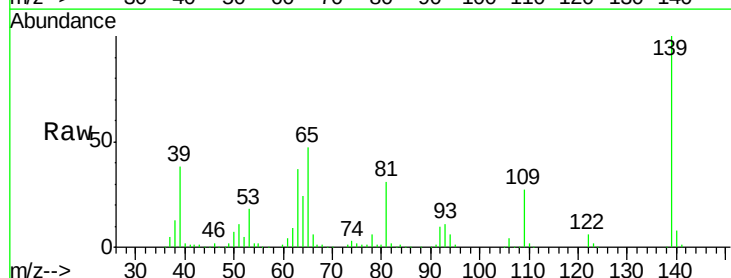
RT: 7.50 min Scan# 945

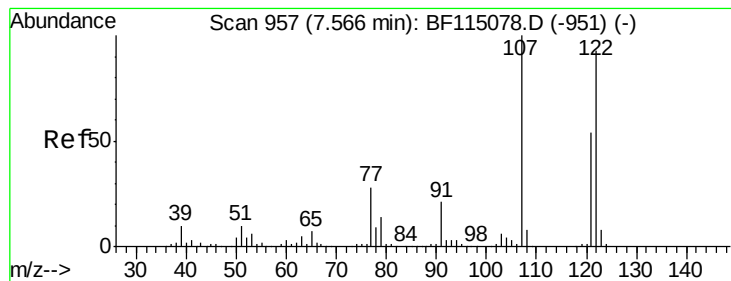
Delta R.T. -0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Tgt Ion:	139	Resp:	299232
Ion Ratio		Lower	Upper
139	100		
109	27.0	20.4	30.6
65	47.0	33.6	50.4





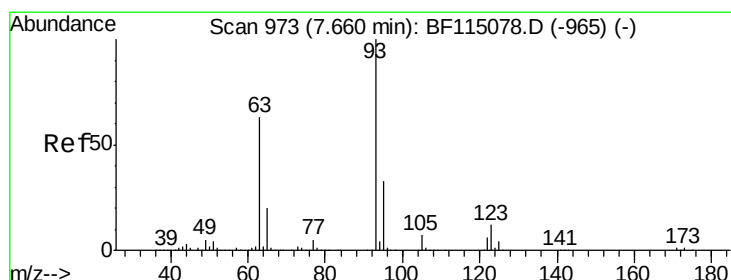
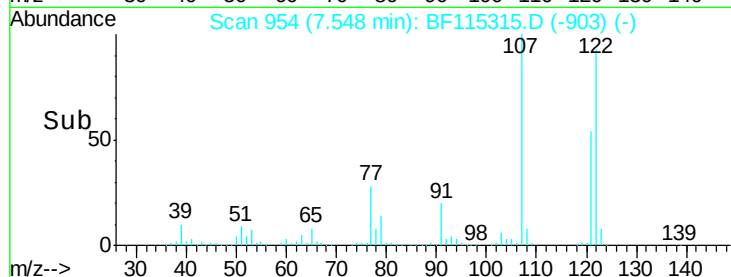
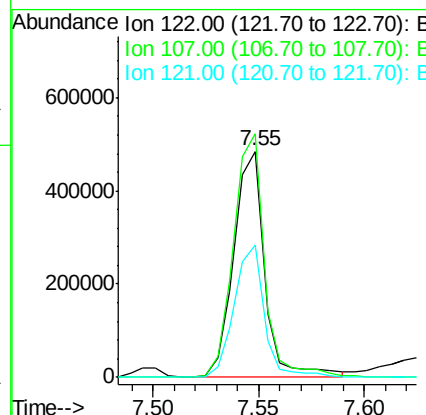
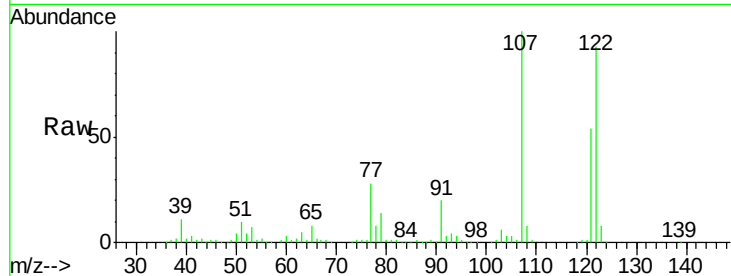
#27
2,4-Dimethylphenol
Concen: 41.402 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	492575		
107	107.7	85.8	128.6	
121	58.2	46.3	69.5	

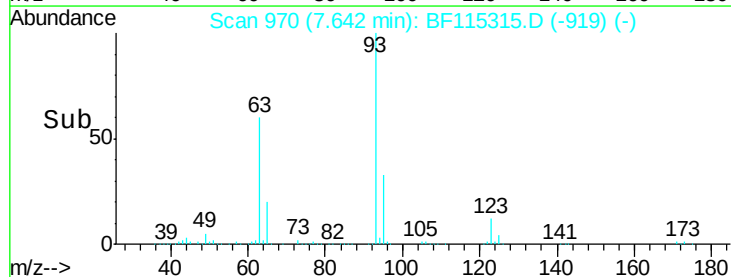
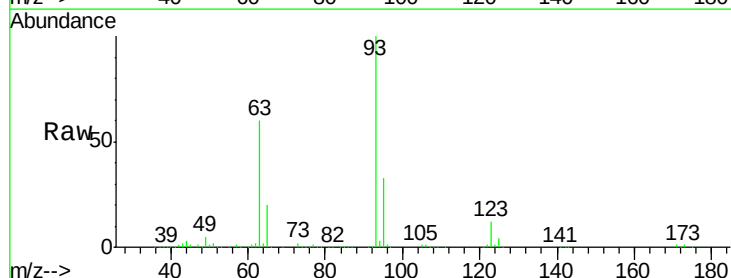
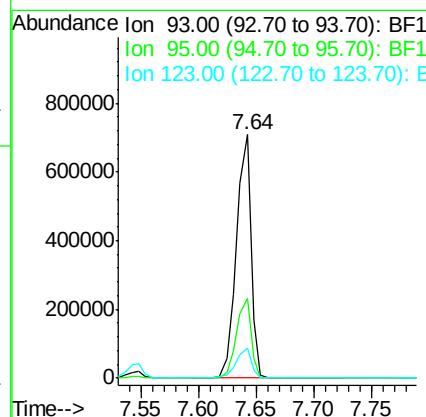
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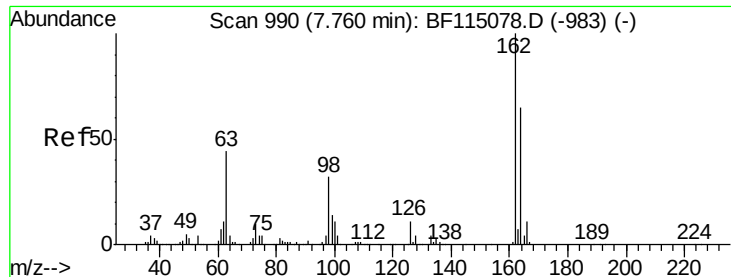
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.137 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	624916		
95	32.9	26.2	39.4	
123	12.1	9.7	14.5	





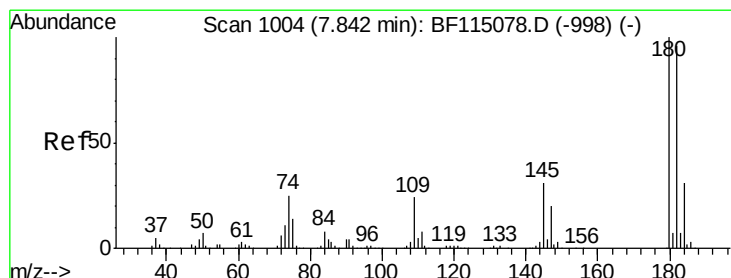
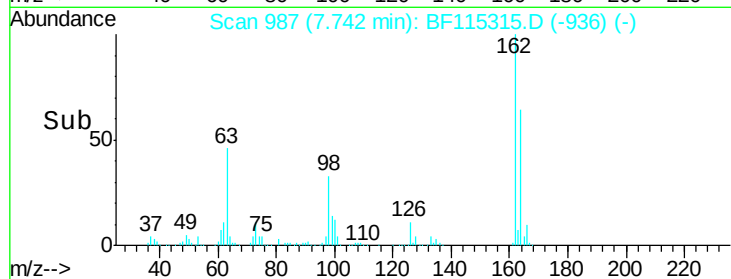
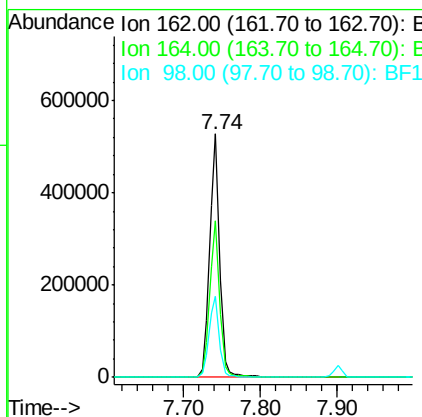
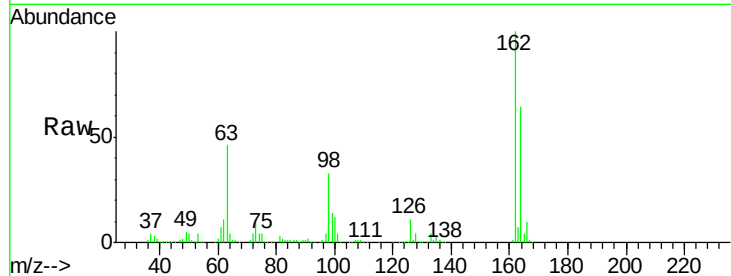
#29
2,4-Dichlorophenol
Concen: 38.503 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	472737		
164	64.5	45.3	85.3	
98	33.2	12.5	52.5	

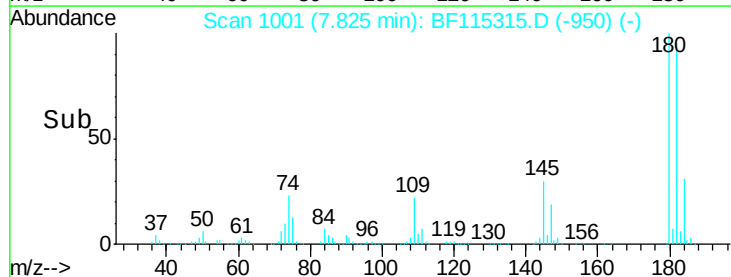
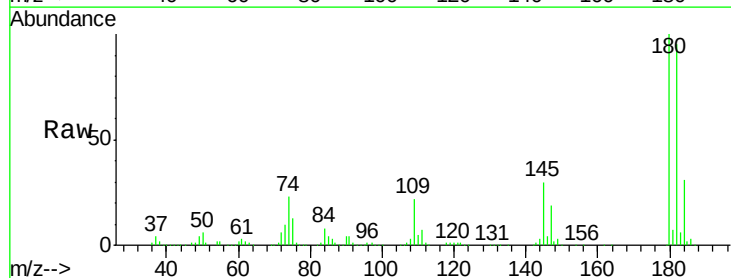
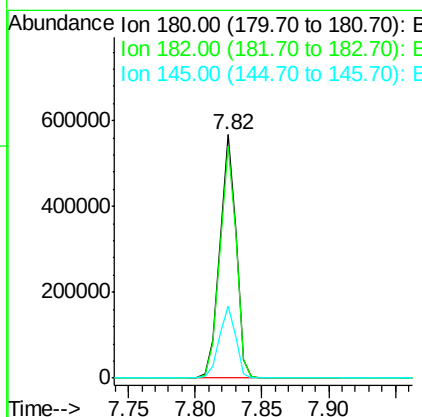
Manual Integrations
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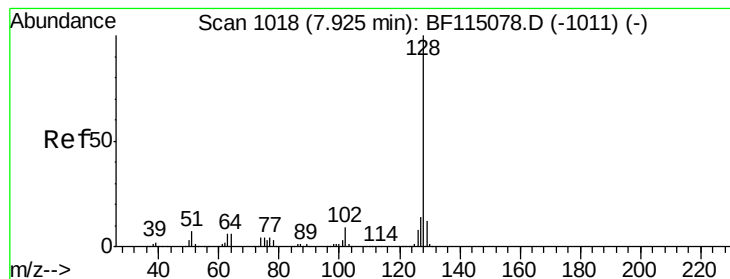
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#30
1,2,4-Trichlorobenzene
Concen: 36.117 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	489813		
182	95.1	76.4	114.6	
145	29.8	24.8	37.2	





#31

Naphthalene

Concen: 37.444 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:128 Resp: 1510133

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

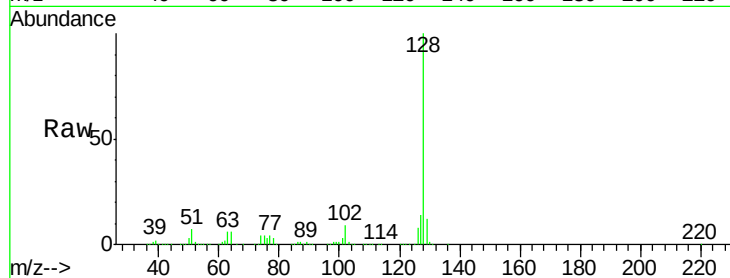
127 13.6 11.4 17.0

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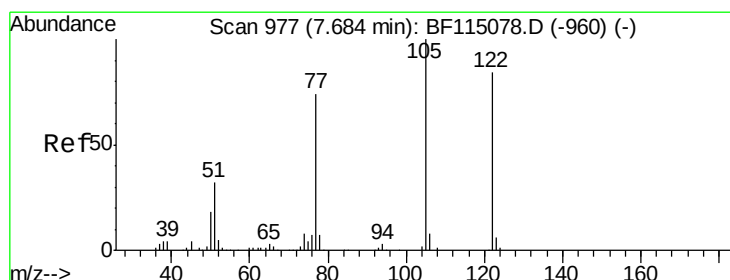
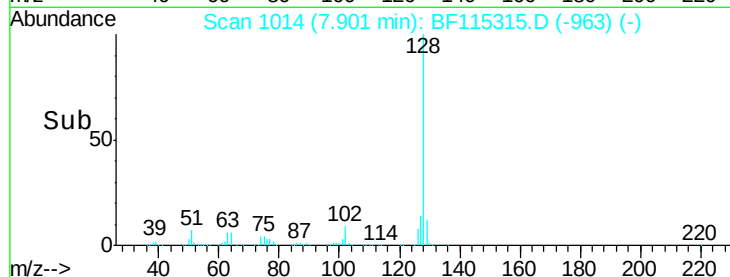
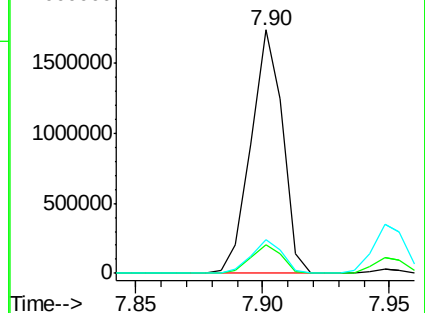
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.348 ng m

RT: 7.63 min Scan# 968

Delta R.T. -0.04 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

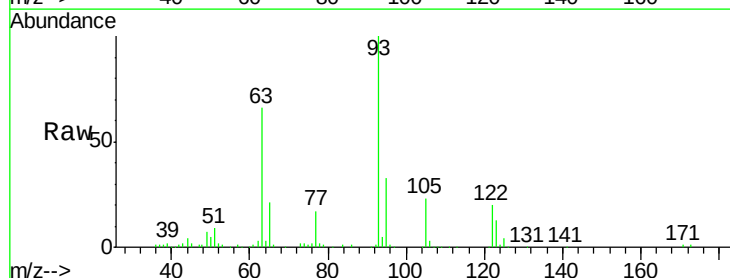
Tgt Ion:122 Resp: 104868

Ion Ratio Lower Upper

122 100

105 115.4 98.2 138.2

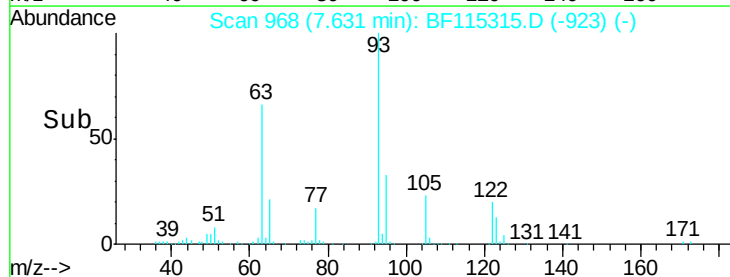
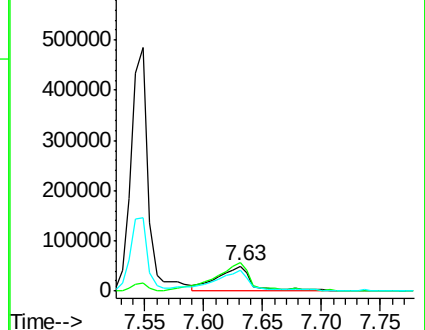
77 84.4 67.0 107.0

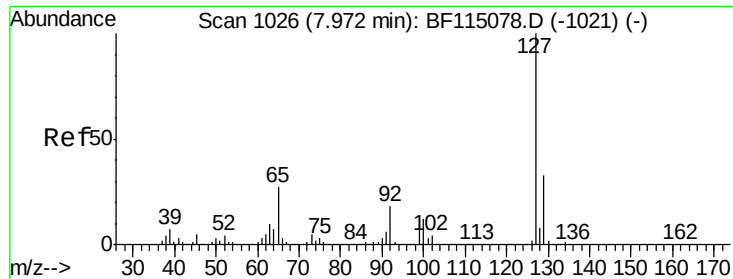


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





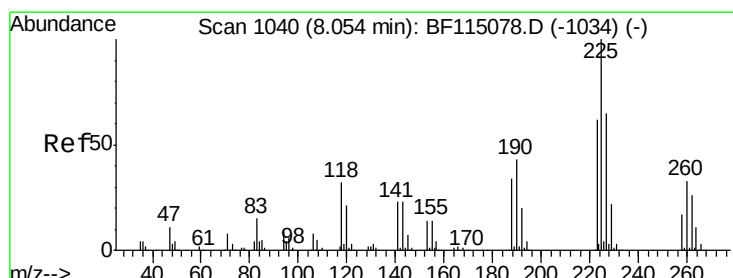
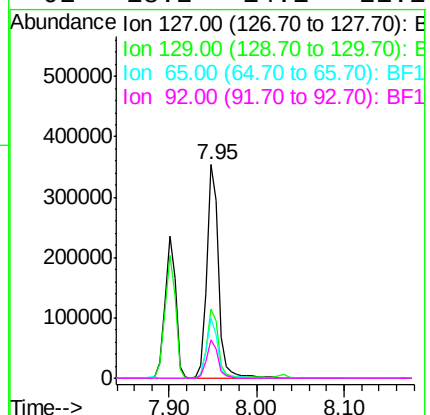
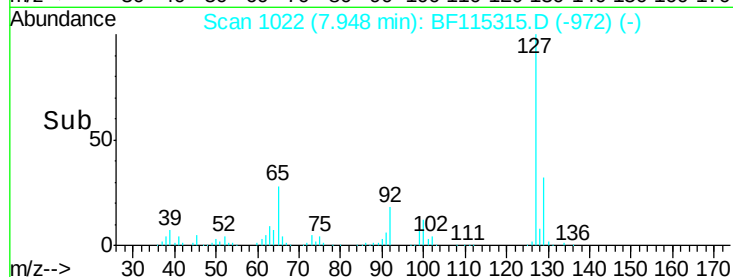
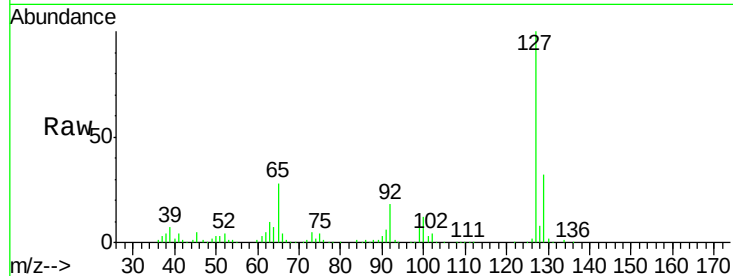
#33
4-Chloroaniline
Concen: 18.032 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	332360		
129	32.1	26.1	39.1	
65	28.4	21.4	32.2	
92	18.2	14.1	21.1	

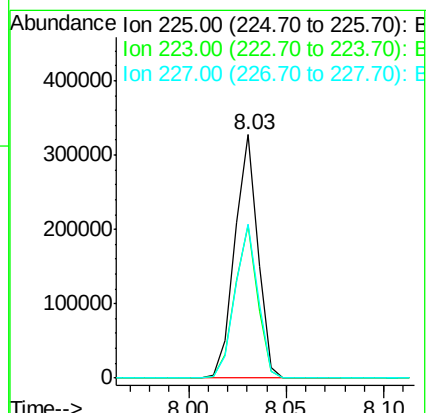
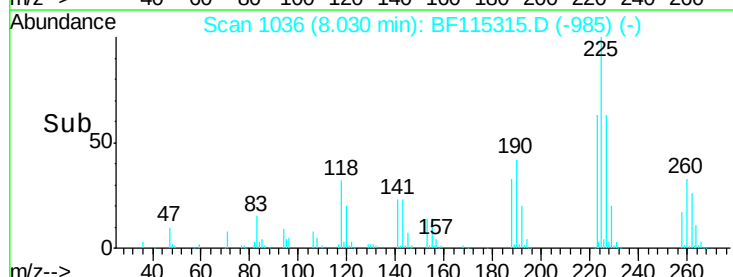
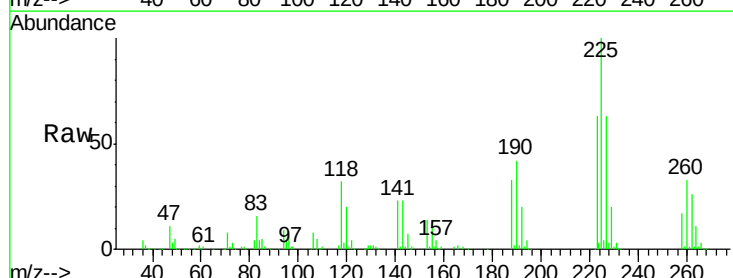
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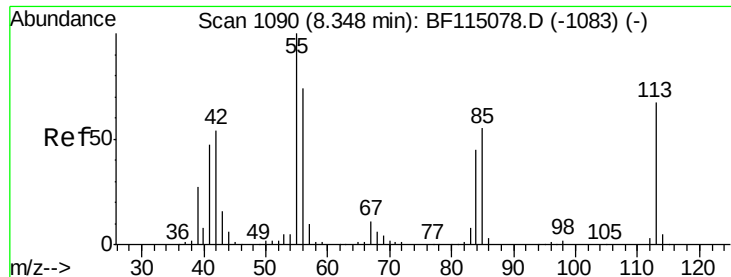
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#34
Hexachlorobutadiene
Concen: 35.949 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	267178		
223	62.9	49.4	74.2	
227	63.3	51.8	77.8	





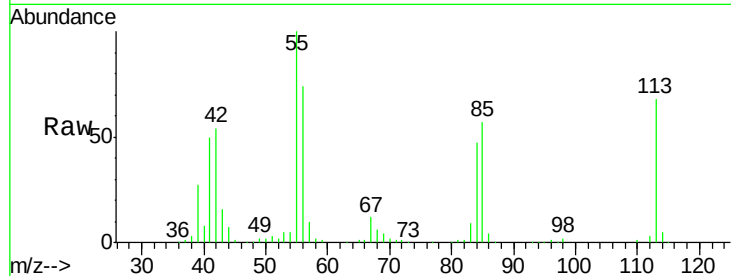
#35
 Caprolactam
 Concen: 39.012 ng m
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

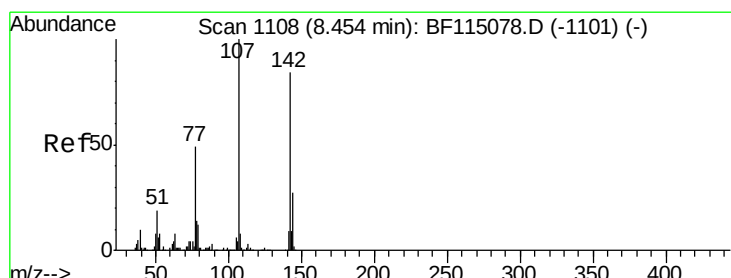
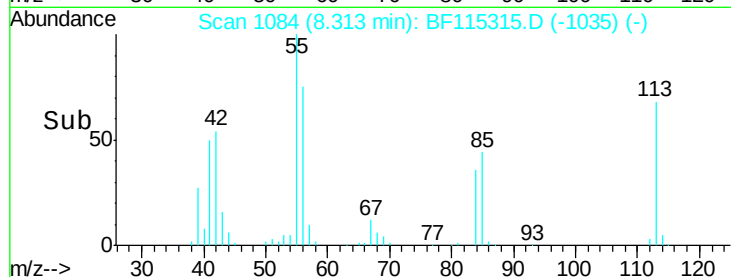
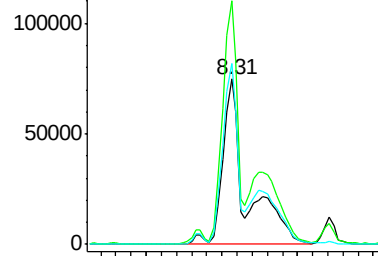
Tgt Ion	Ratio	Lower	Upper
113	100		
55	147.2	130.2	170.2
56	109.5	91.6	131.6

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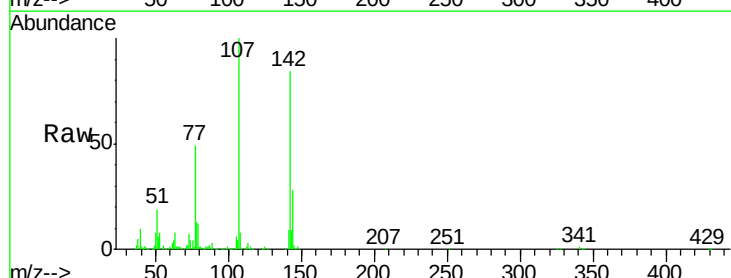


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

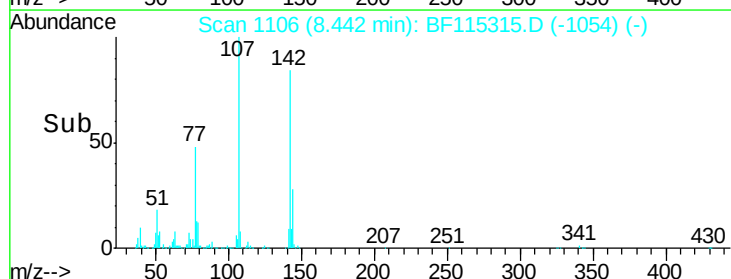
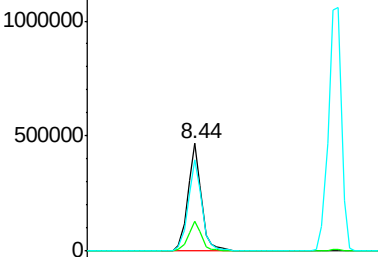


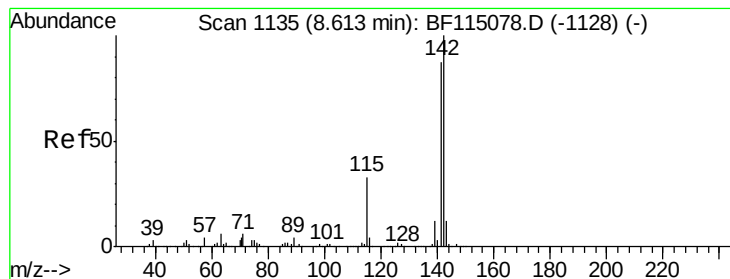
#36
 4-Chloro-3-methylphenol
 Concen: 38.364 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.7	32.5
142	84.5	67.0	100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.051 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:142 Resp: 1034729

Ion Ratio Lower Upper

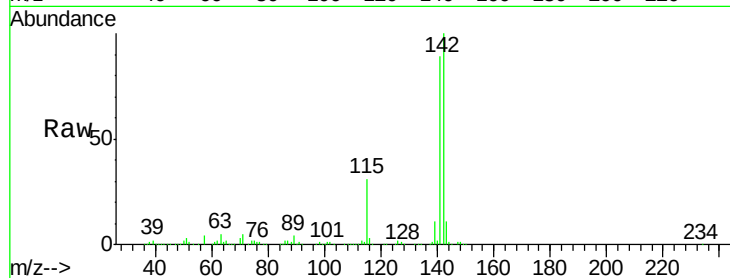
142 100

141 88.8 69.8 104.6

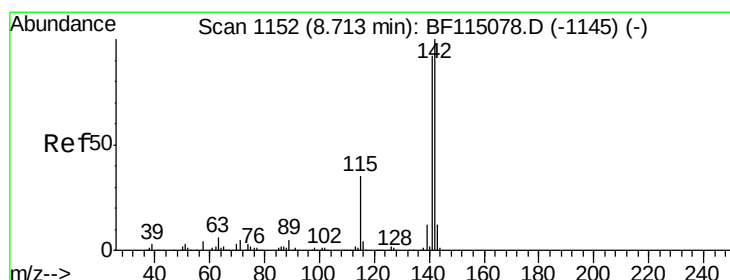
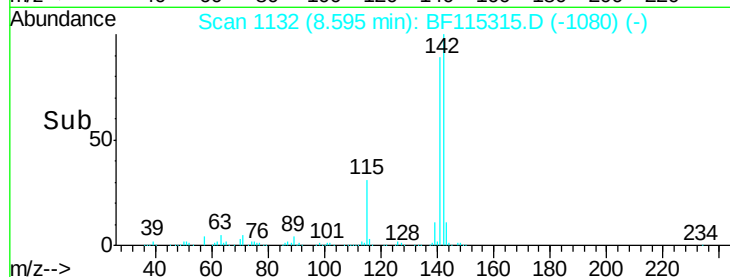
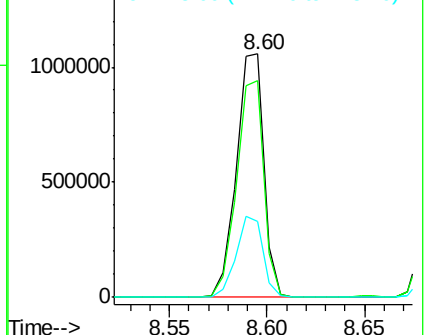
115 31.4 26.7 40.1

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.596 ng

RT: 8.69 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

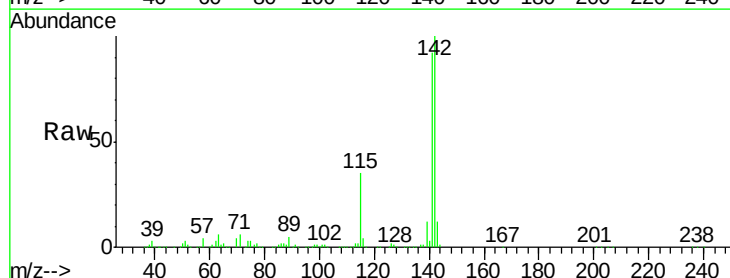
Tgt Ion:142 Resp: 976407

Ion Ratio Lower Upper

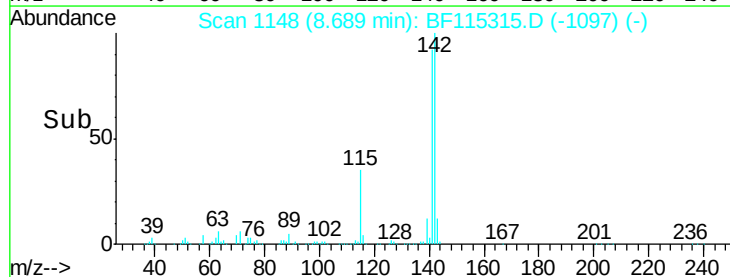
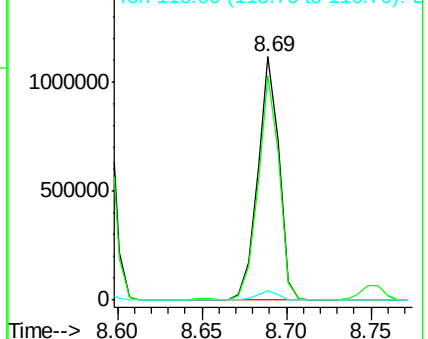
142 100

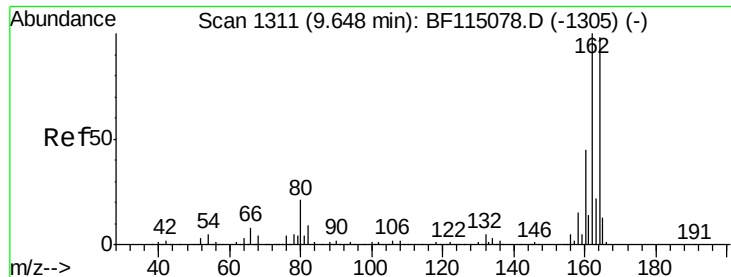
141 92.3 73.8 110.8

116 3.7 2.8 4.2



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





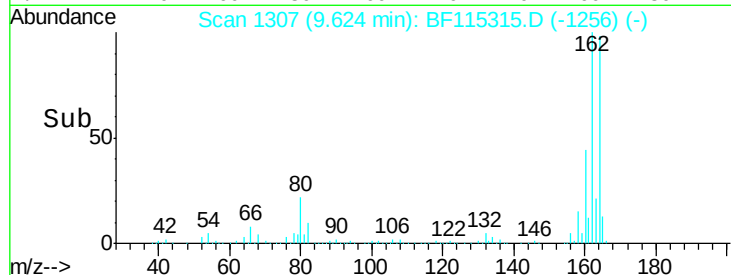
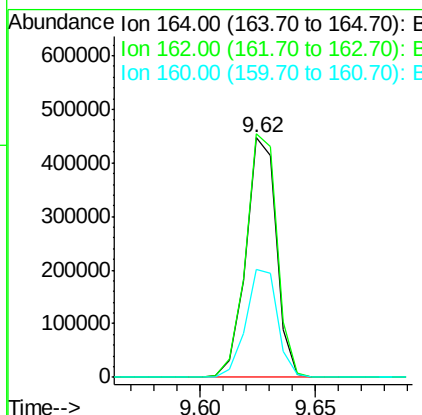
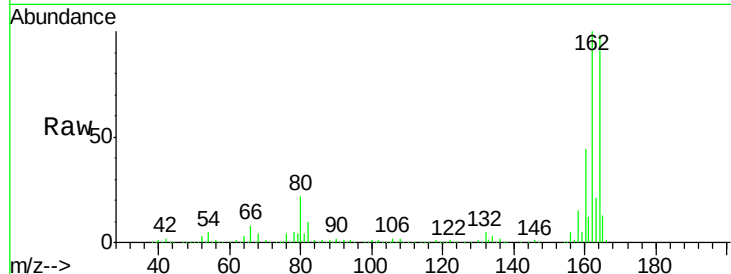
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	413387	81.7	122.5
160	45.0		37.0	55.4

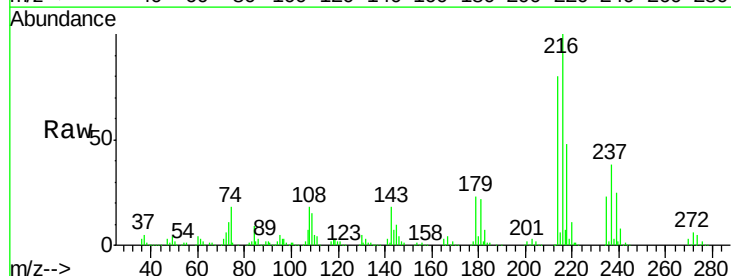
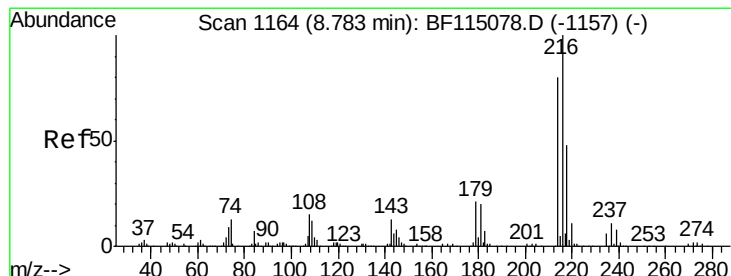
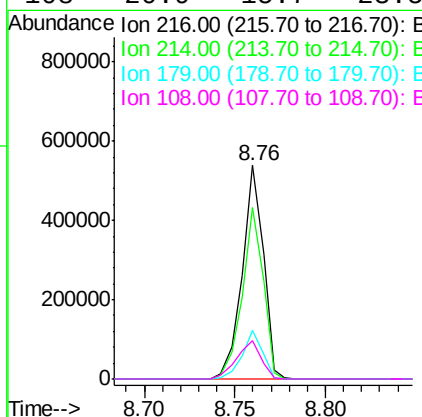
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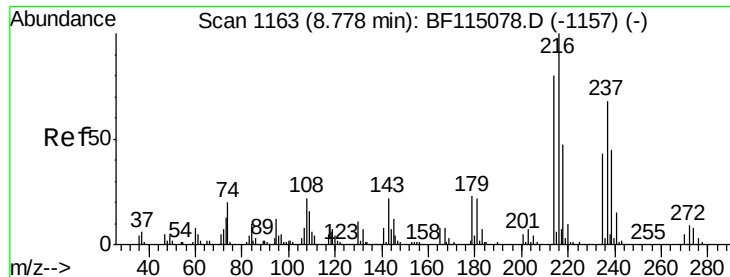
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.276 ng
 RT: 8.76 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	435438		
214	79.6		63.8	95.6
179	21.9		17.6	26.4
108	20.9		15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 73.359 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

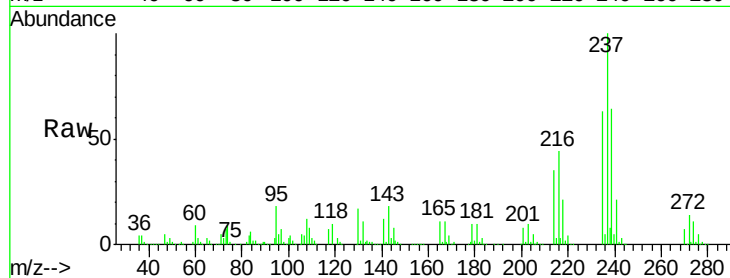
ClientSampleId :

SAMPLE-14MS

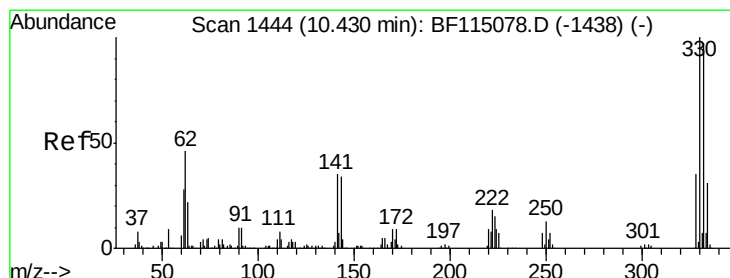
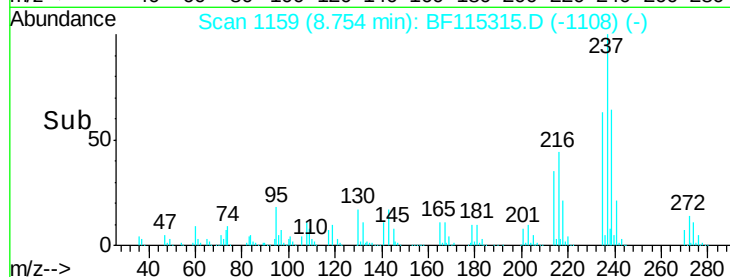
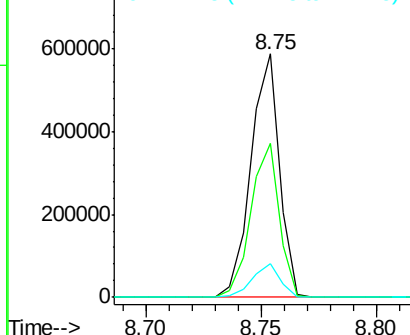
Tgt Ion:	237	Resp:	508140
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.9	83.9
272	13.6	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 124.071 ng

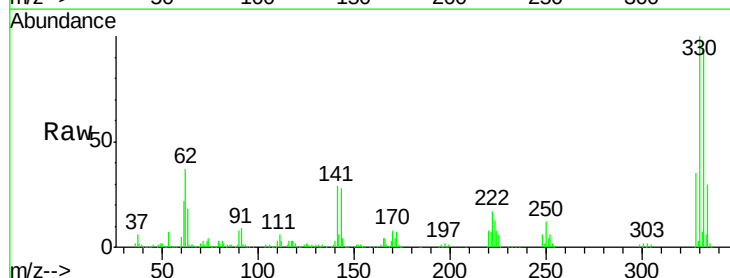
RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

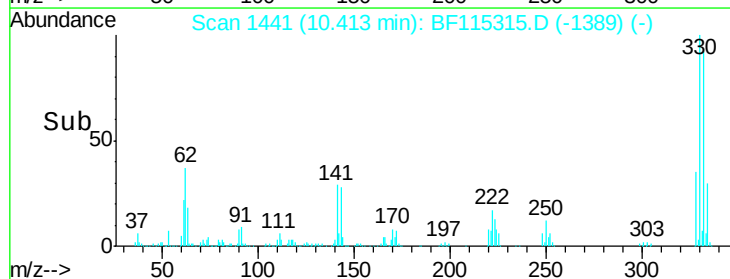
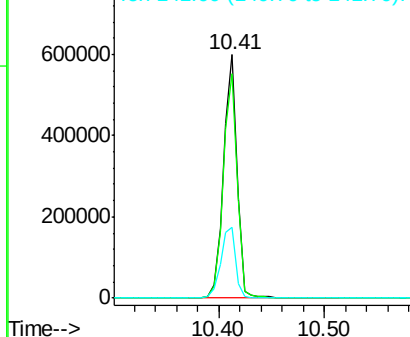
Lab File: BF115315.D

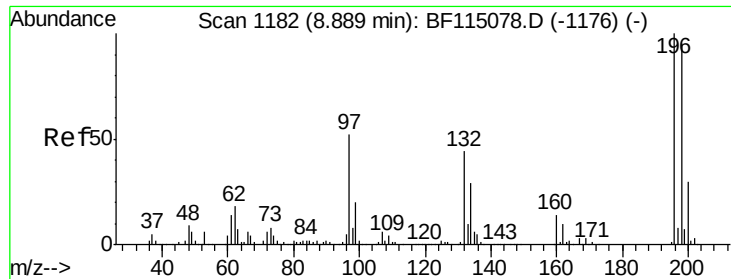
Acq: 29 Jun 2019 11:45

Tgt Ion:	330	Resp:	540866
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.3	115.9
141	32.0	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





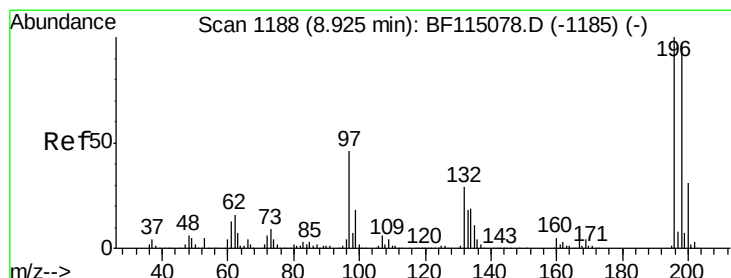
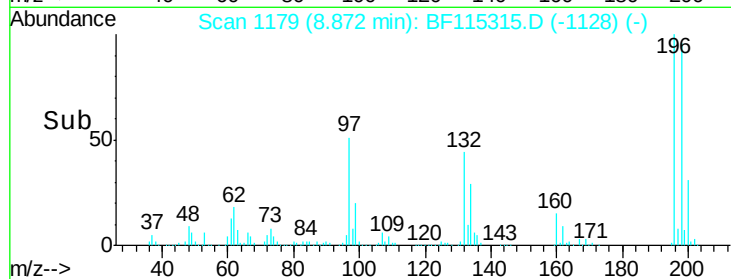
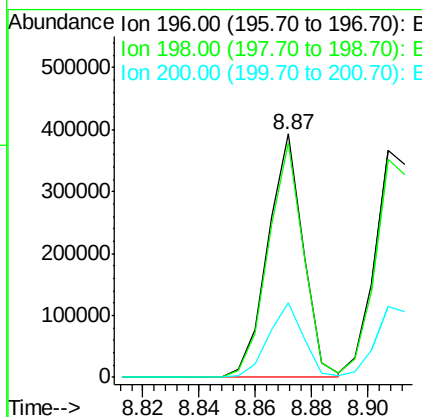
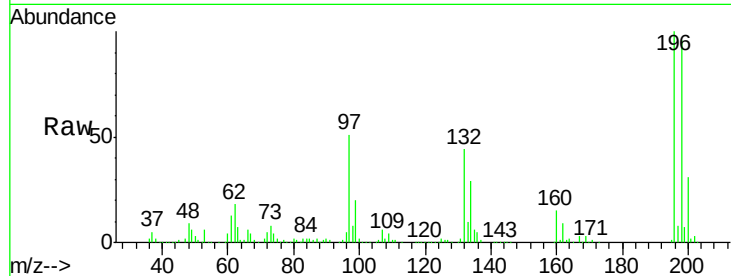
#43
 2,4,6-Trichlorophenol
 Concen: 37.760 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	340544		
198	96.4	76.3	114.5	
200	30.7	24.2	36.4	

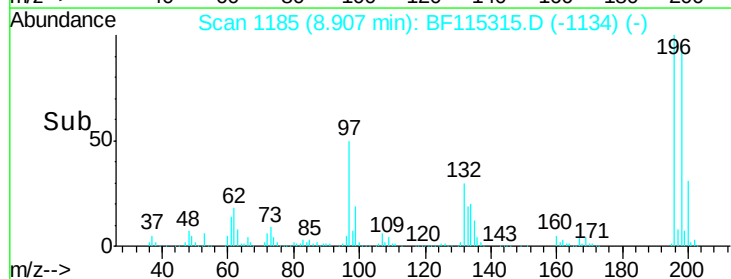
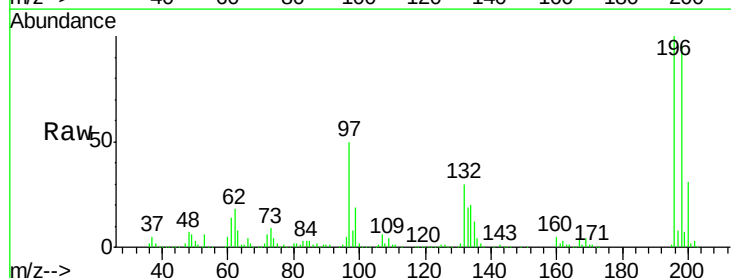
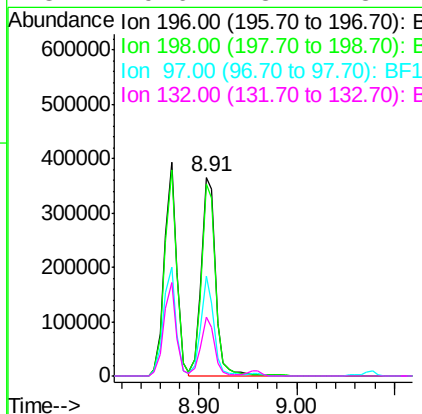
Manual Integrations
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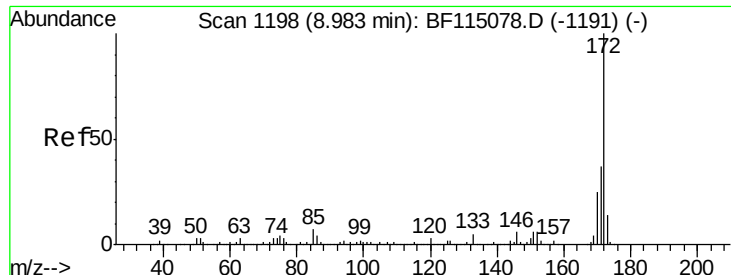
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.079 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	372232		
198	96.5	77.1	115.7	
97	50.1	37.7	56.5	
132	29.6	23.1	34.7	





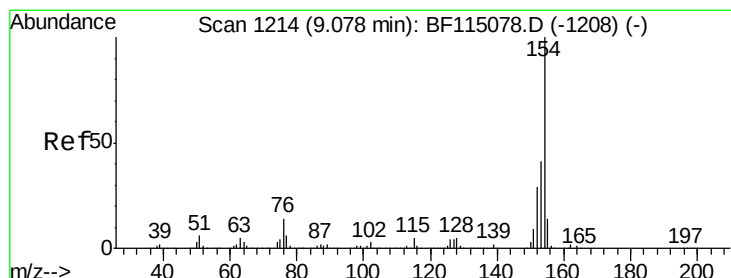
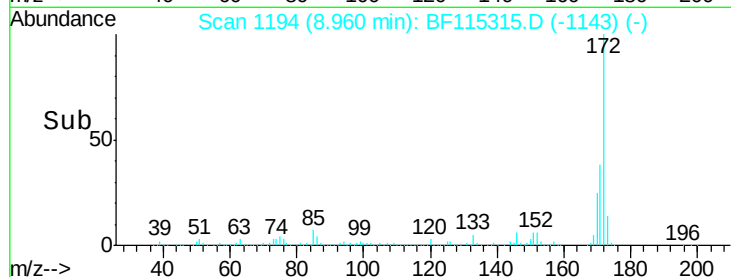
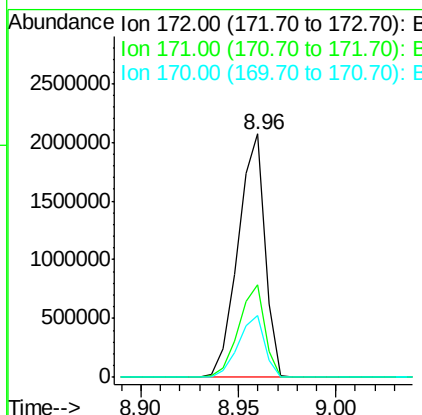
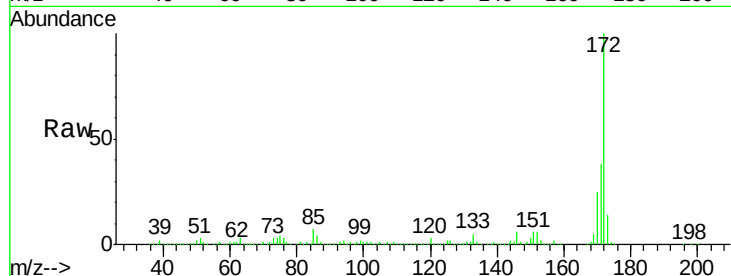
#45
2-Fluorobiphenyl
Concen: 81.095 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion:172 Resp: 1973575
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 25.3 20.3 30.5

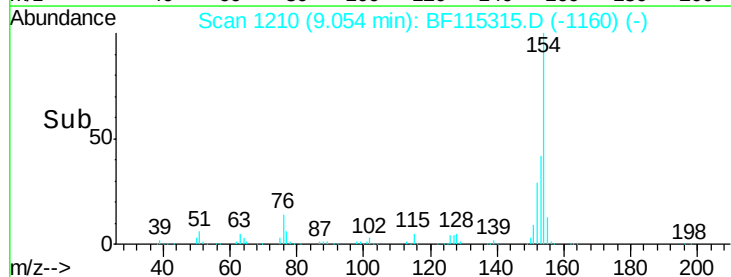
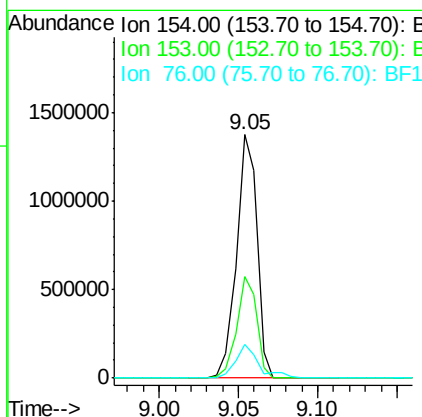
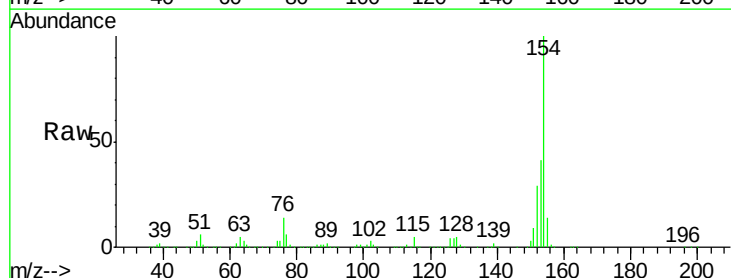
Manual Integrations
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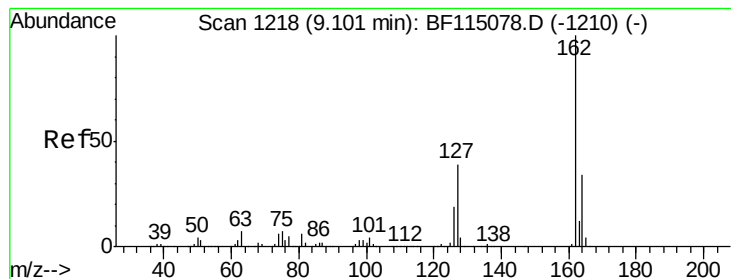
mohammad
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#46
1,1'-Biphenyl
Concen: 37.147 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:154 Resp: 1228690
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 13.9 0.0 34.1





#47

2-Chloronaphthalene

Concen: 36.750 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

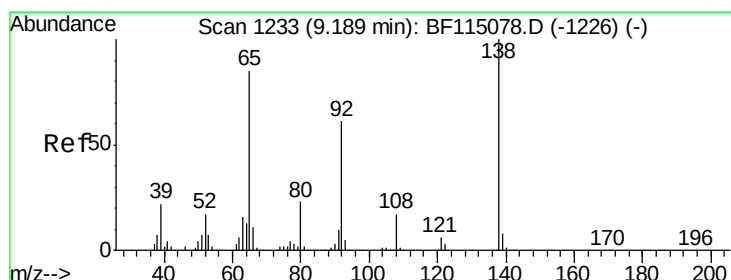
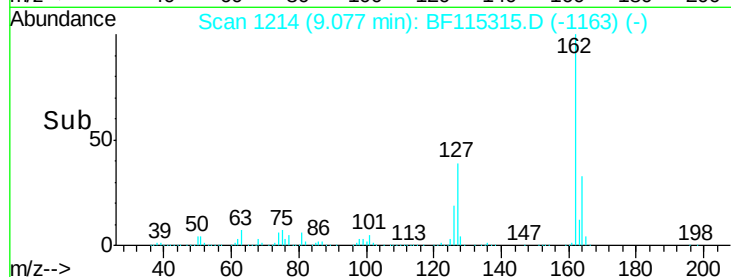
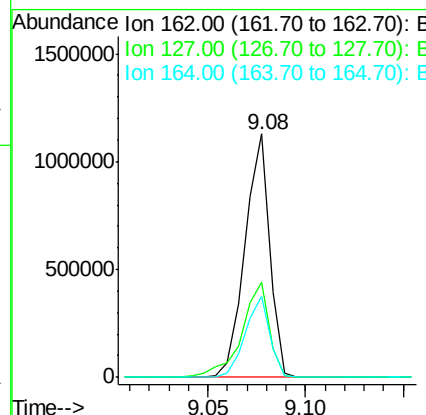
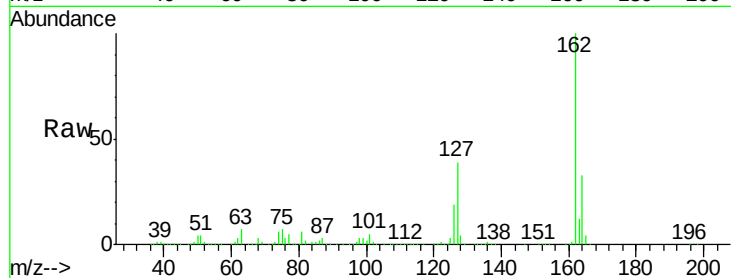
ClientSampleId :

SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	986029		
127	39.1	30.8	46.2	
164	33.4	27.0	40.4	

Manual Integrations
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#48

2-Nitroaniline

Concen: 38.035 ng

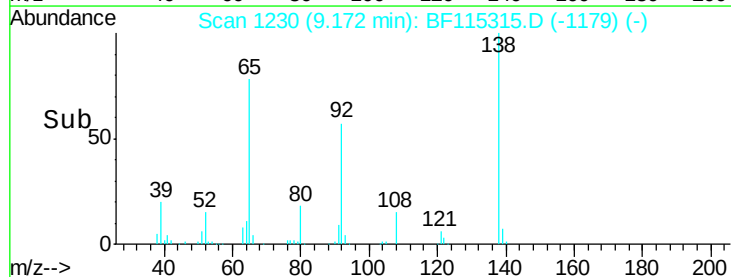
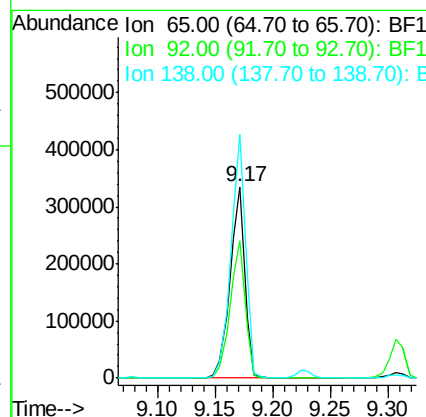
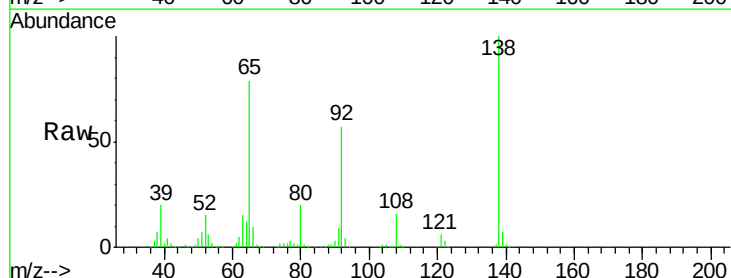
RT: 9.17 min Scan# 1230

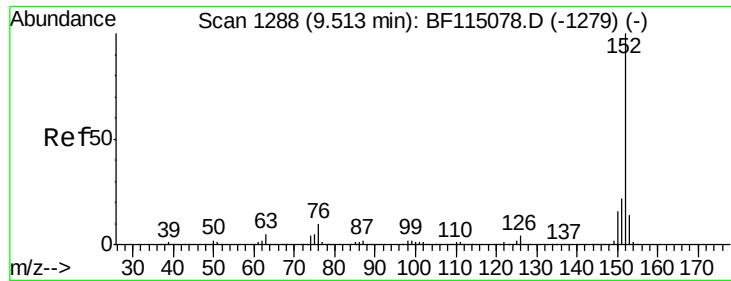
Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	297519		
92	72.1	57.4	86.2	
138	127.2	94.1	141.1	





#49

Acenaphthylene

Concen: 37.675 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:152 Resp: 1574926

Ion Ratio Lower Upper

152 100

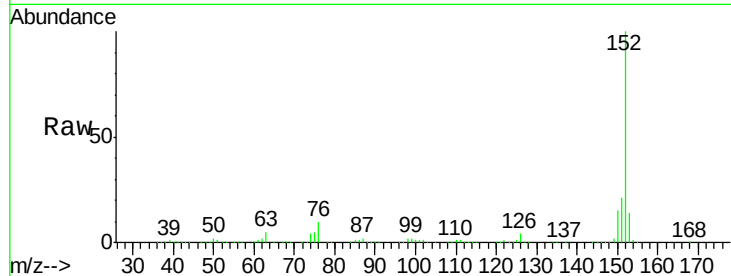
151 21.3 17.2 25.8

153 13.8 11.0 16.6

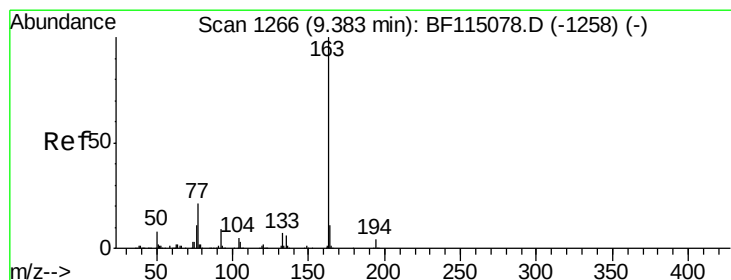
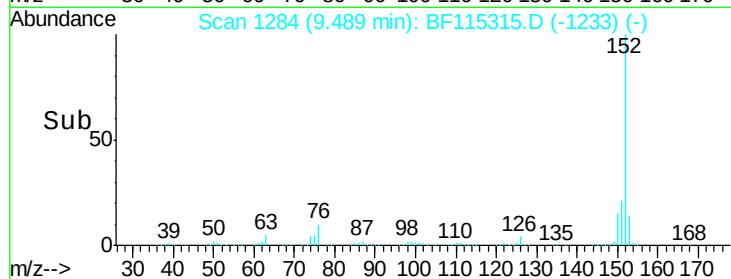
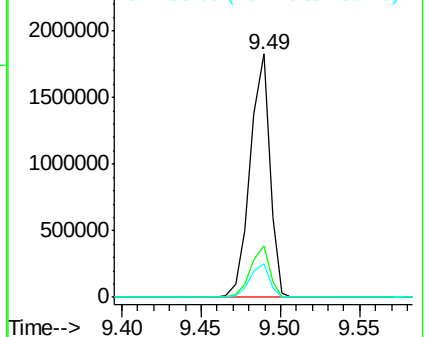
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.120 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

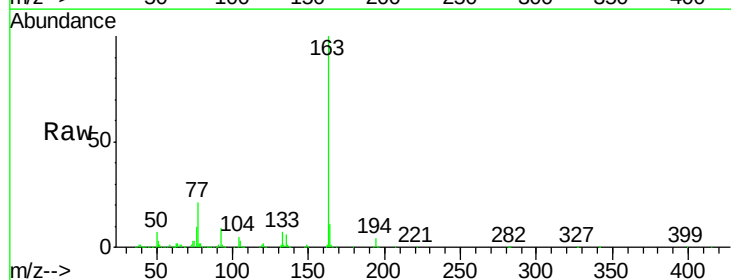
Tgt Ion:163 Resp: 1493913

Ion Ratio Lower Upper

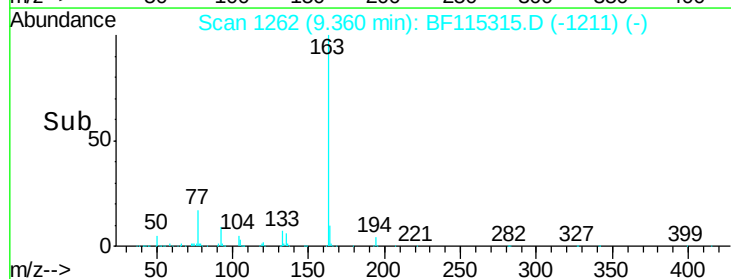
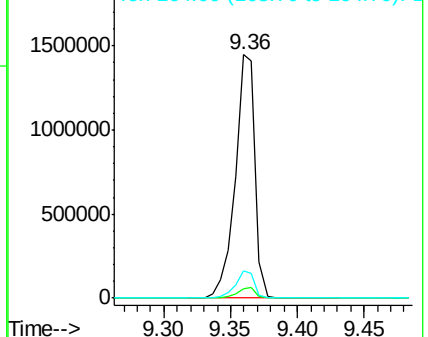
163 100

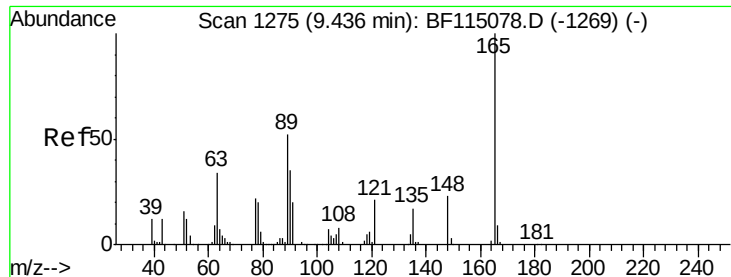
194 4.0 3.2 4.8

164 11.1 8.6 13.0



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





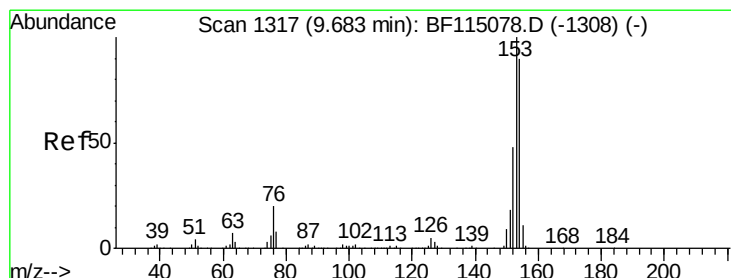
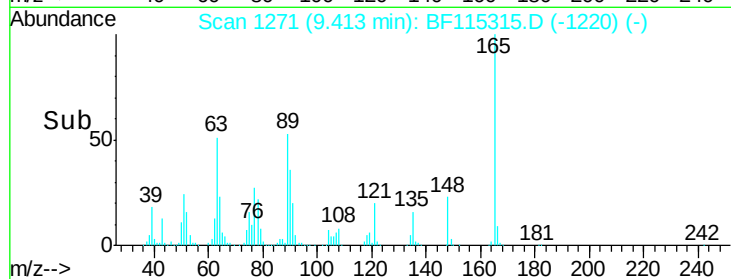
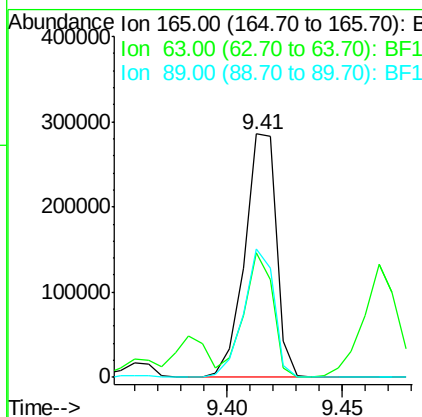
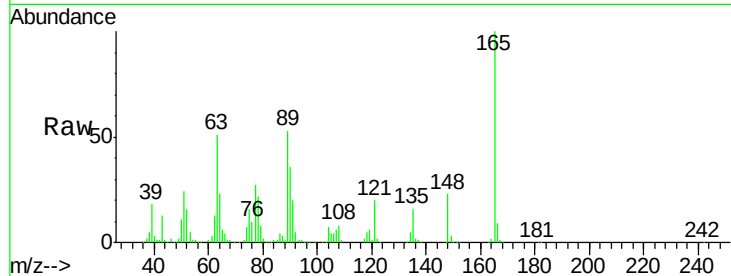
#51
 2,6-Dinitrotoluene
 Concen: 39.255 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	275632		
63	50.9	39.4	59.2	
89	53.0	42.0	63.0	

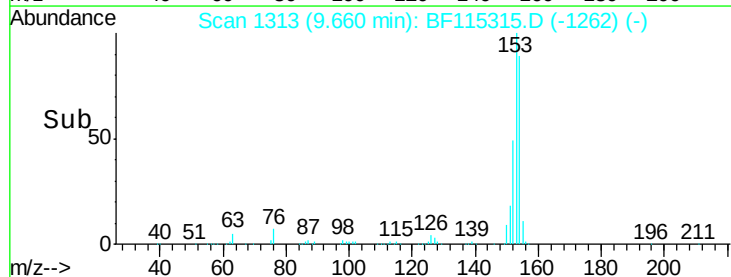
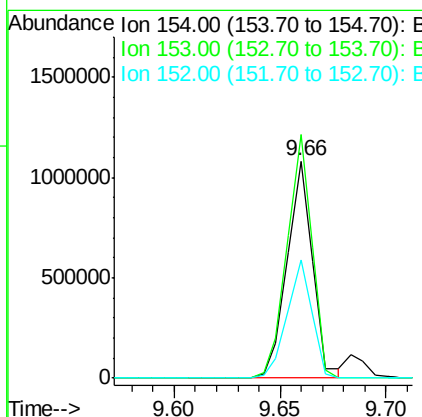
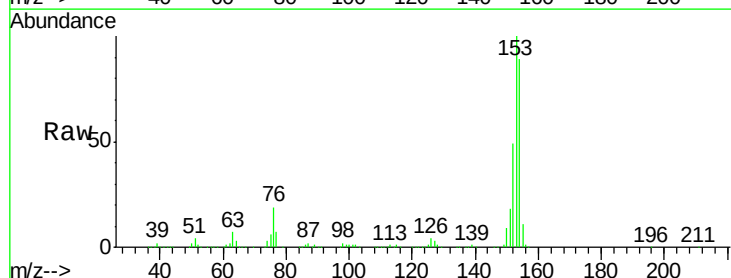
Manual Integrations
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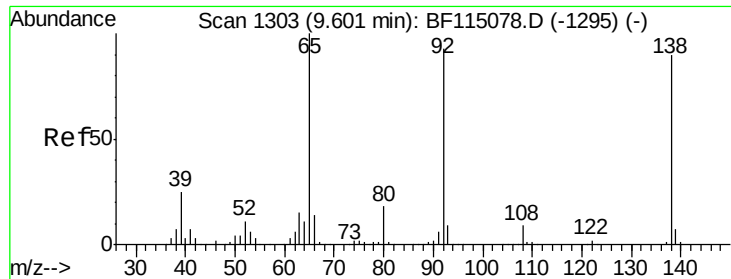
mohammad
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#52
 Acenaphthene
 Concen: 35.041 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	916600		
153	112.2	88.7	133.1	
152	54.6	42.6	64.0	





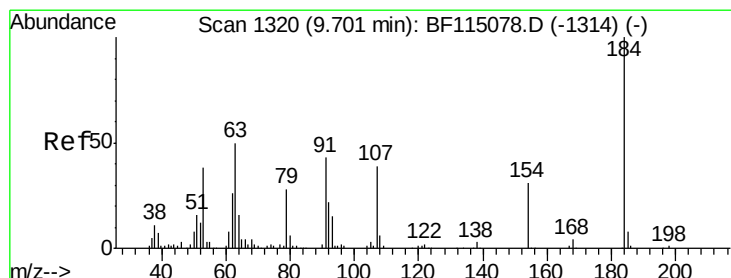
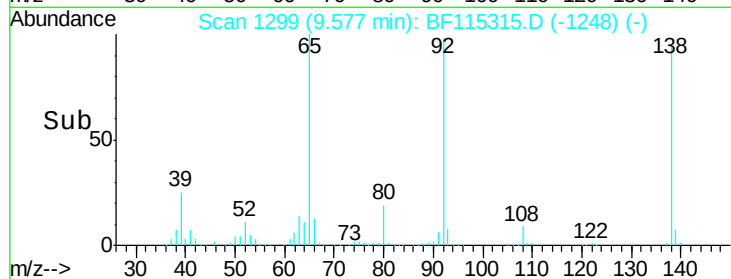
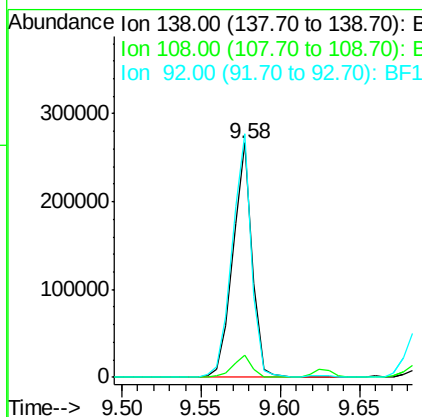
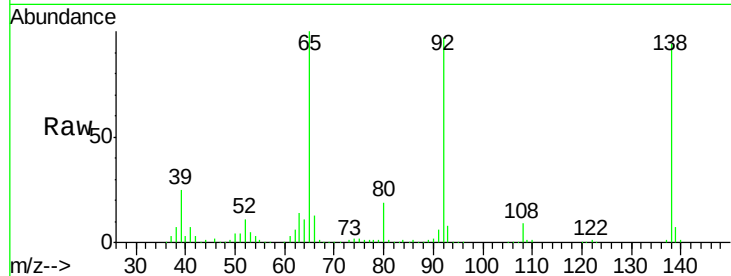
#53
 3-Nitroaniline
 Concen: 26.148 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	104.0	82.9	124.3

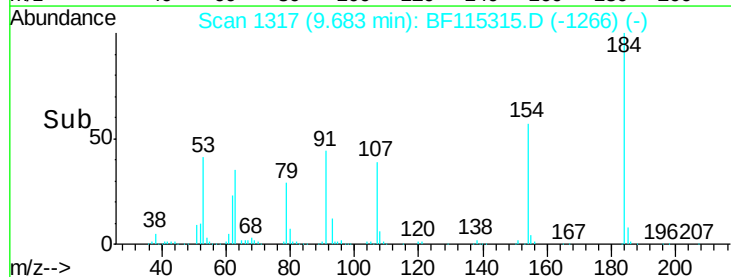
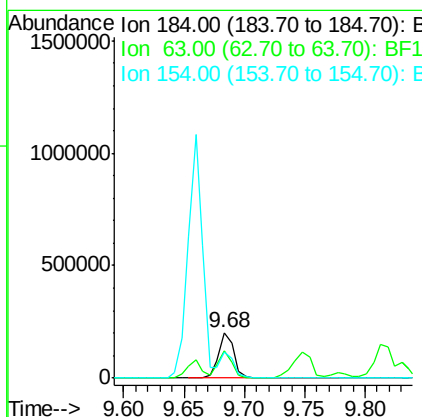
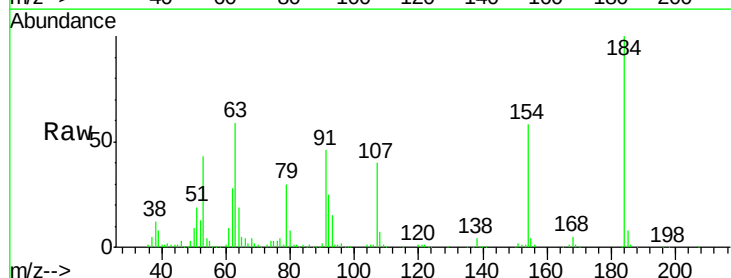
Manual Integrations
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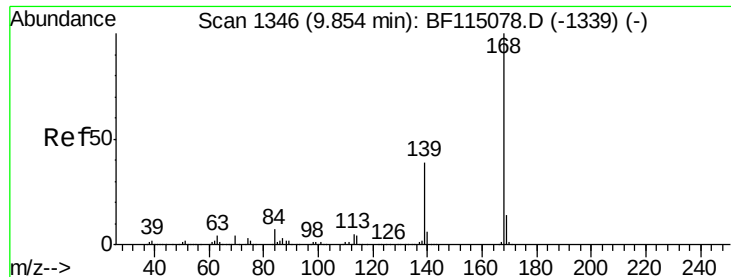
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 51.870 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	41.9	62.9
154	57.6	44.7	67.1





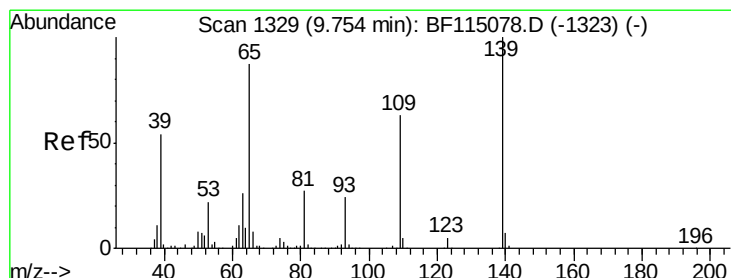
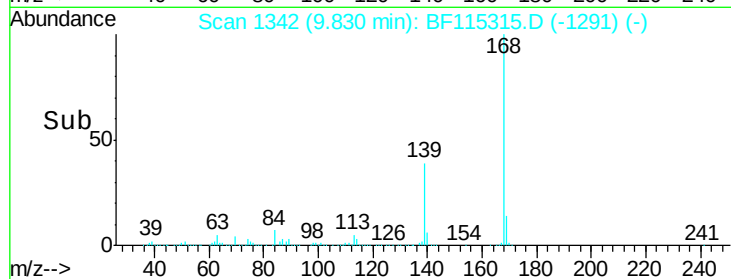
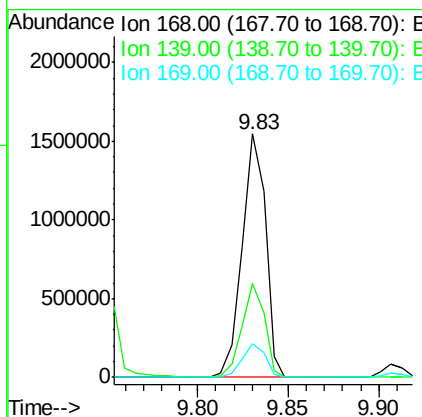
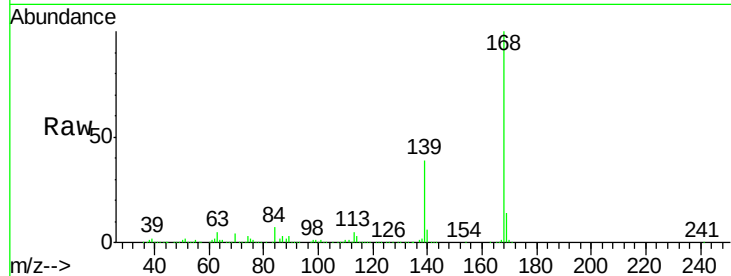
#55
Dibenzofuran
Concen: 36.958 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.1	46.7
169	14.0	11.3	16.9

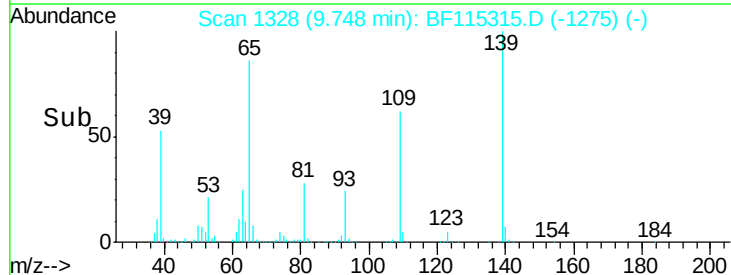
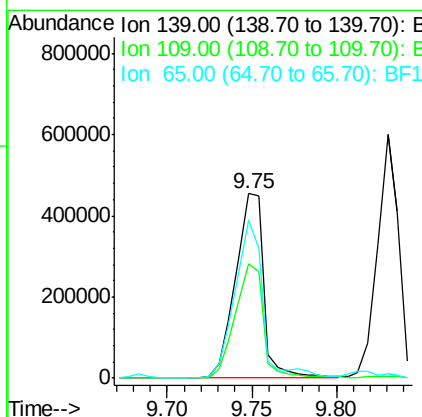
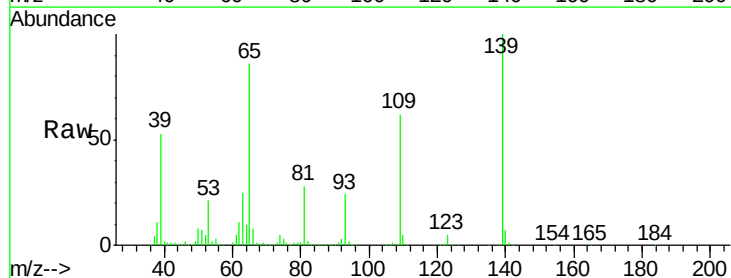
Manual Integrations
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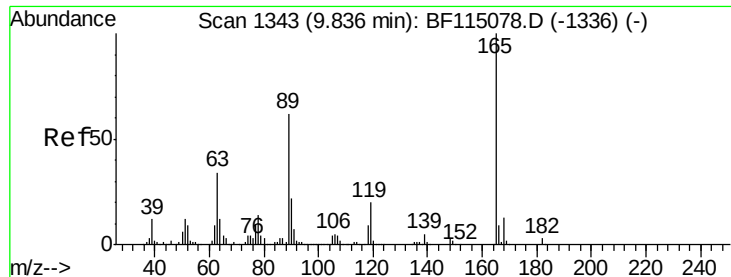
mohammad
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#56
4-Nitrophenol
Concen: 77.485 ng
RT: 9.75 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.0	83.0
65	85.6	67.0	107.0





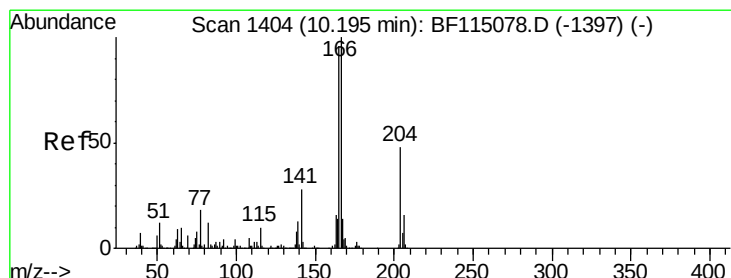
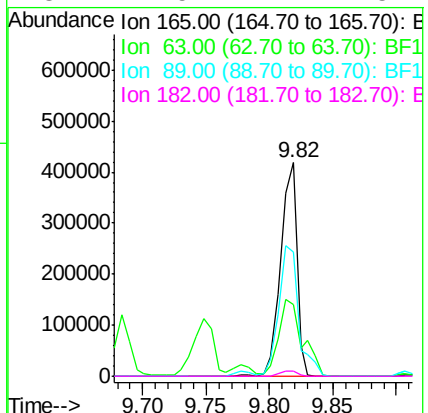
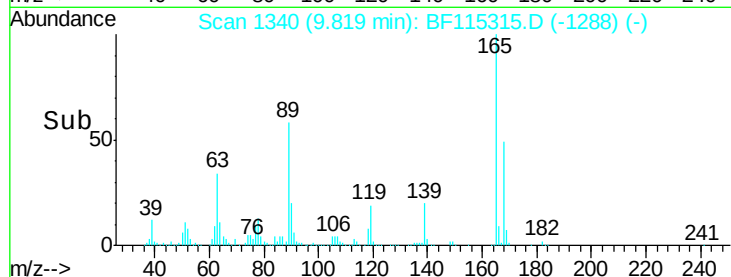
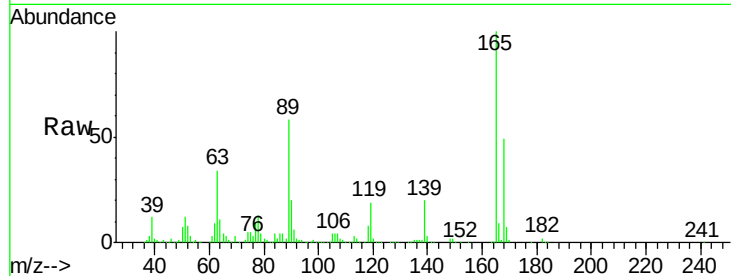
#57
 2,4-Dinitrotoluene
 Concen: 41.033 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	372020		
63	33.6	27.5	41.3	
89	58.1	49.9	74.9	
182	2.5	2.1	3.1	

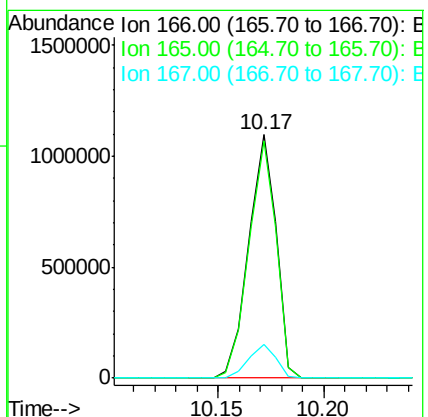
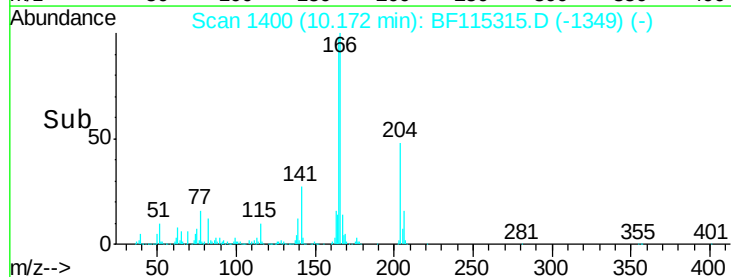
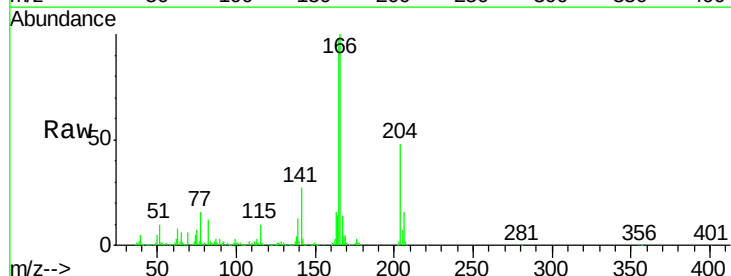
Manual Integrations
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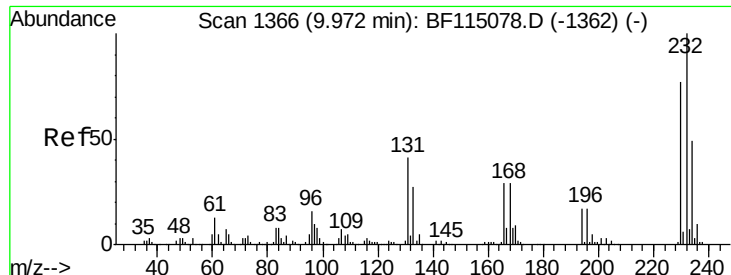
mohammad
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#58
 Fluorene
 Concen: 38.839 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	993370		
165	97.6	76.5	114.7	
167	14.0	11.0	16.4	





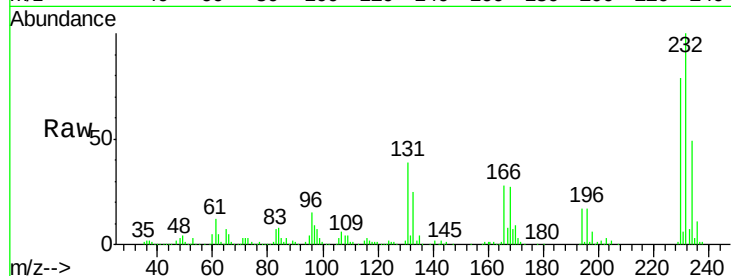
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.067 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

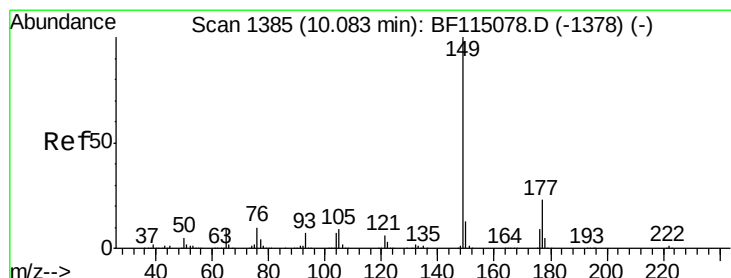
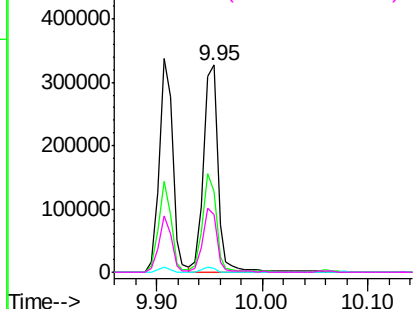
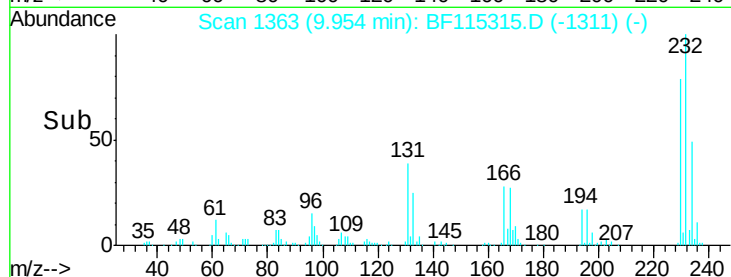
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.9	37.4	56.0
130	2.1	1.8	2.6
166	30.0	24.6	36.8

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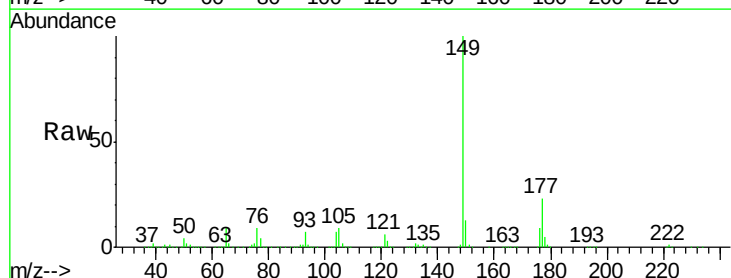


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

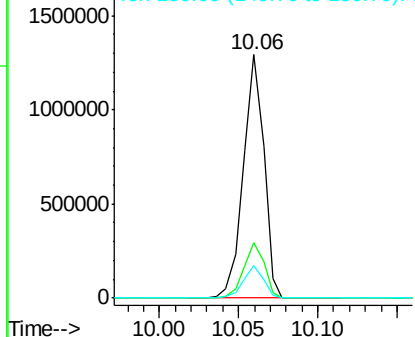
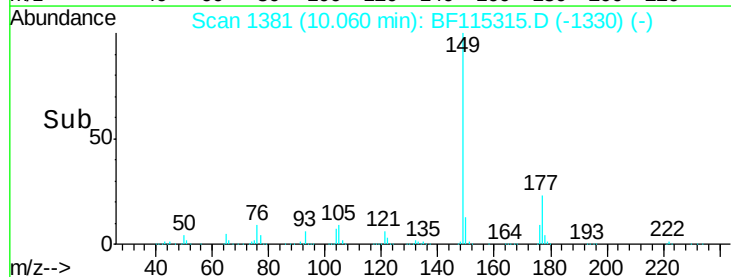


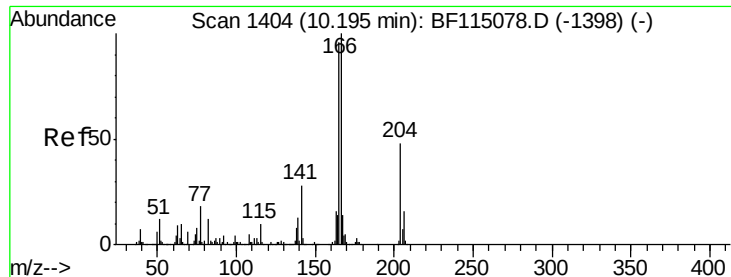
#60
 Diethylphthalate
 Concen: 37.998 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115315.D
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Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.7	28.1
150	13.1	10.4	15.6



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





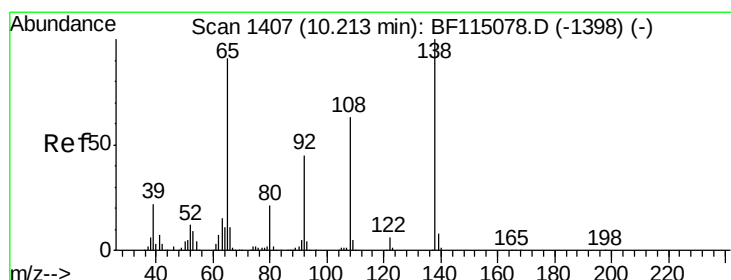
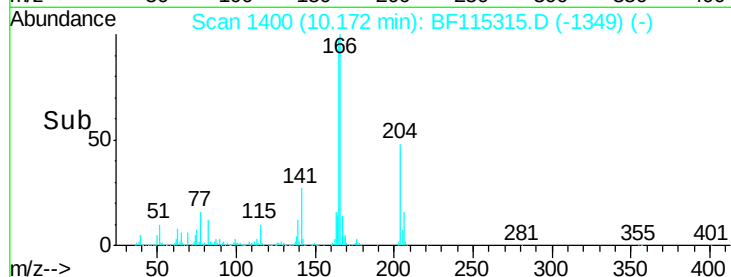
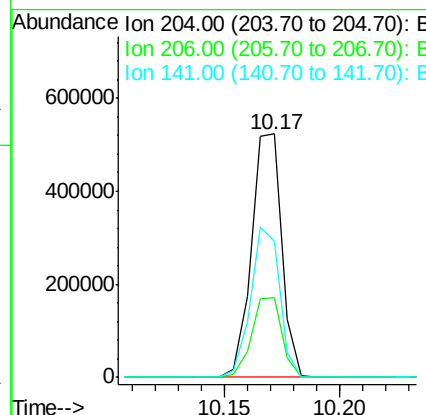
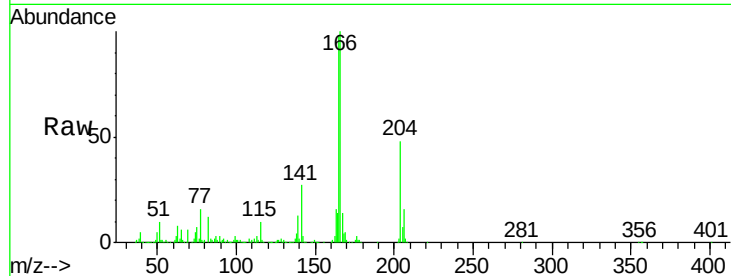
#61
4-Chlorophenyl-phenylether
Concen: 39.714 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	481244		
206	33.0	26.6	40.0	
141	56.0	46.7	70.1	

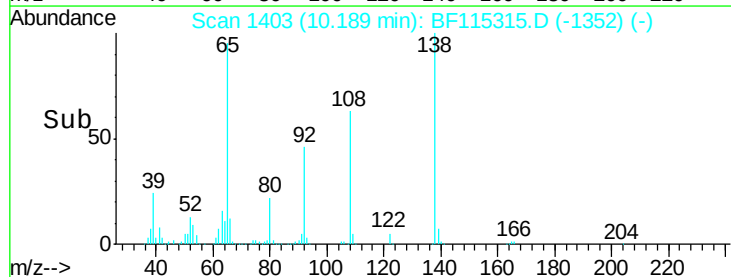
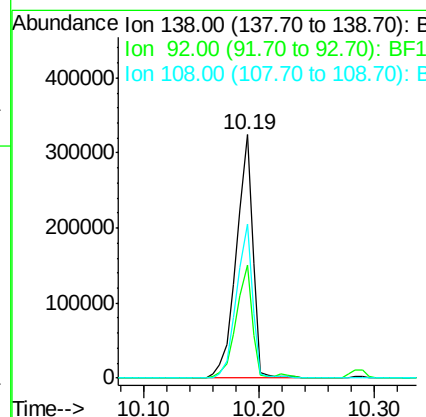
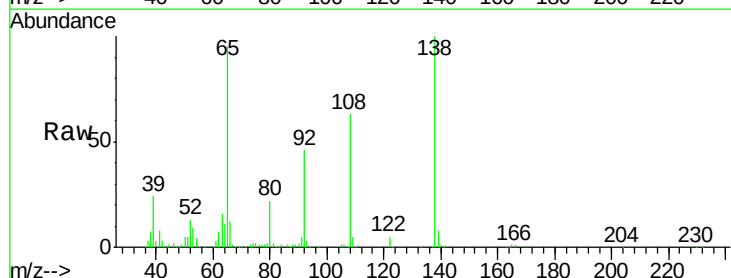
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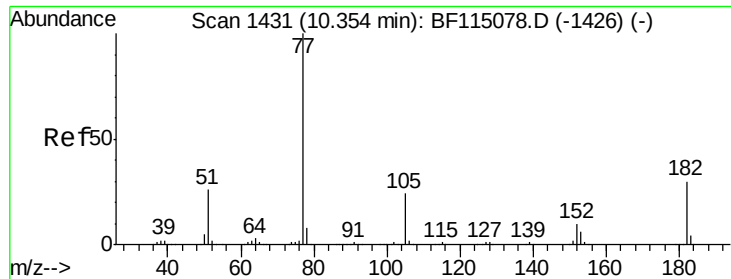
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#62
4-Nitroaniline
Concen: 37.856 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	325410		
92	46.2	24.8	64.8	
108	63.3	43.3	83.3	





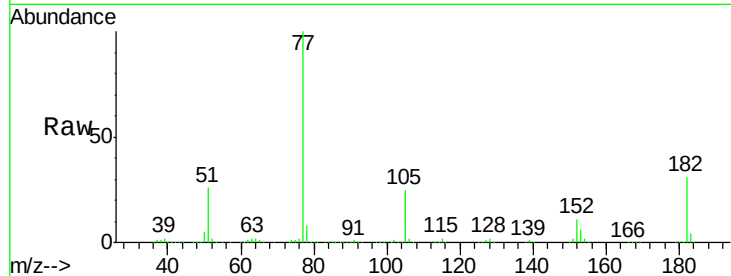
#63
Azobenzene
Concen: 36.776 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

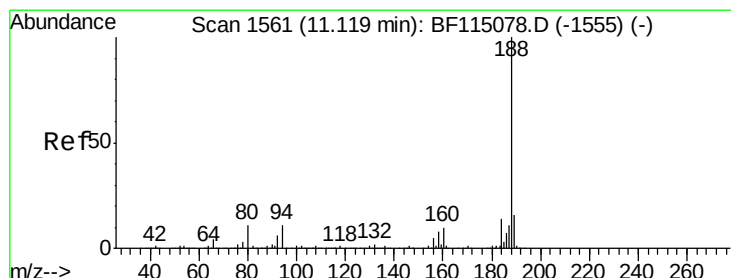
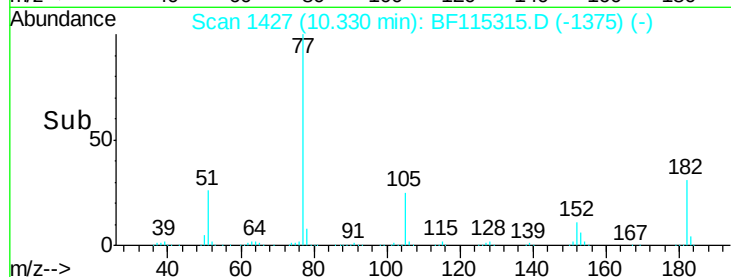
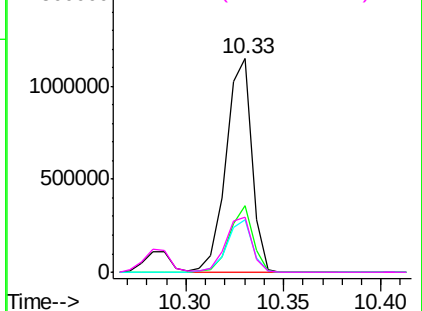
Tgt Ion: 77 Resp: 1050160
Ion Ratio Lower Upper
77 100
182 31.0 10.1 50.1
105 24.5 4.5 44.5
51 25.8 6.4 46.4

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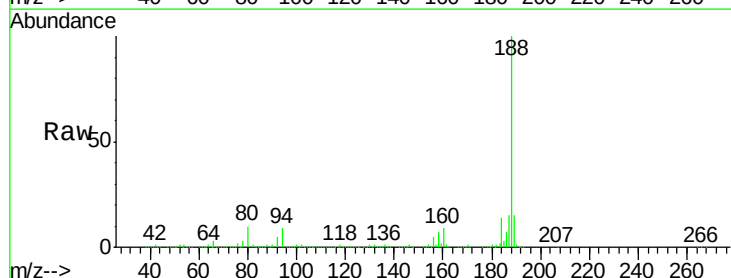


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

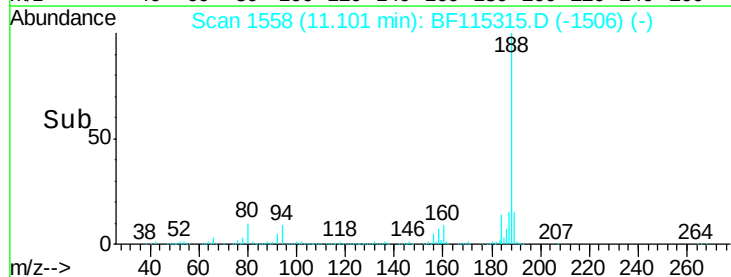
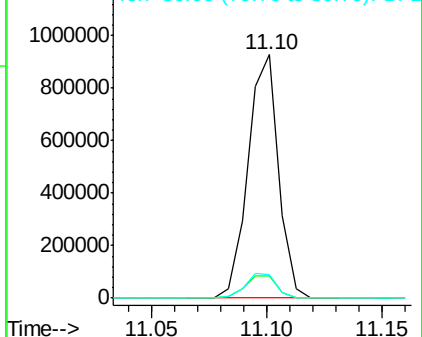


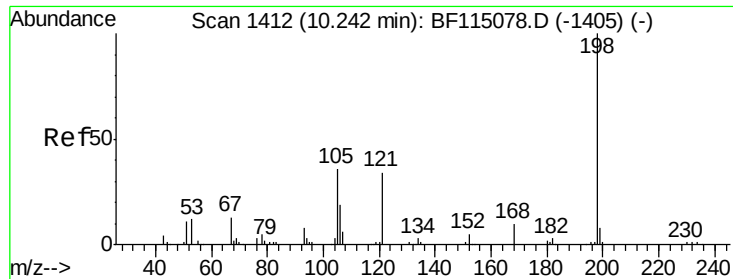
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion: 188 Resp: 853118
Ion Ratio Lower Upper
188 100
94 8.9 8.6 12.8
80 9.6 8.8 13.2



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





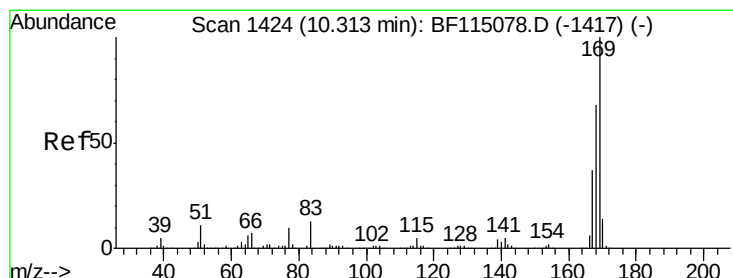
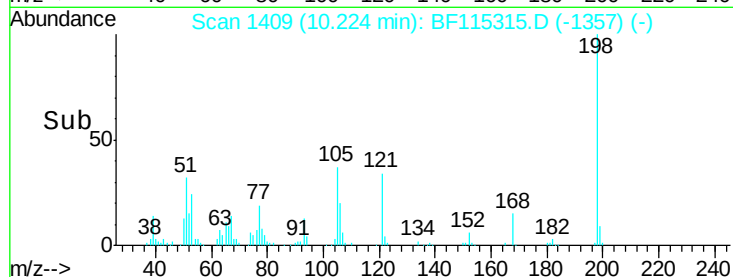
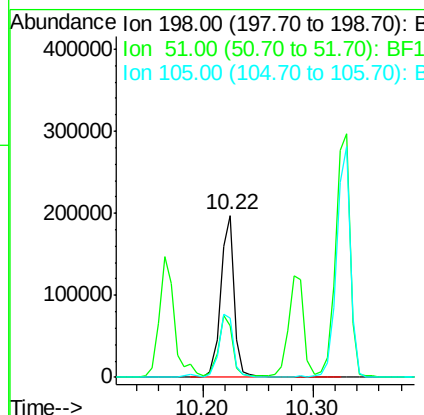
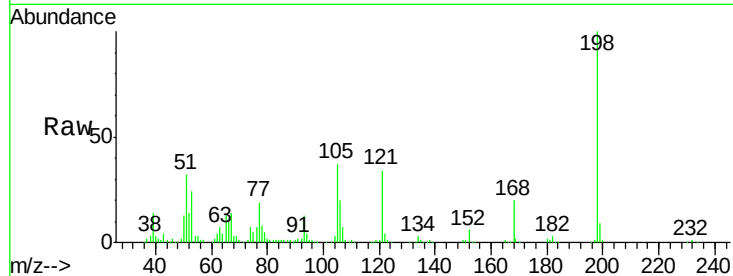
#65
4,6-Dinitro-2-methylphenol
Concen: 38.161 ng
RT: 10.22 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	168077		
51	32.0	11.0	51.0	
105	36.9	17.3	57.3	

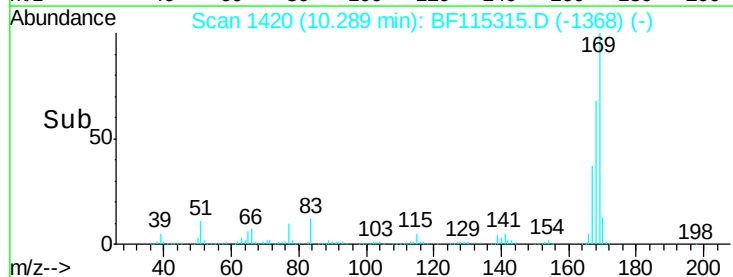
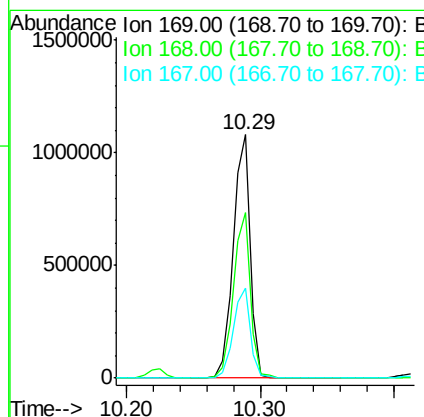
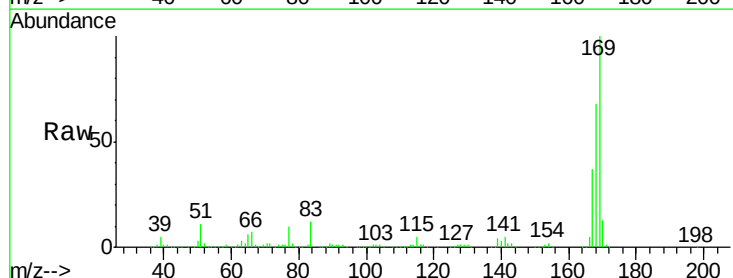
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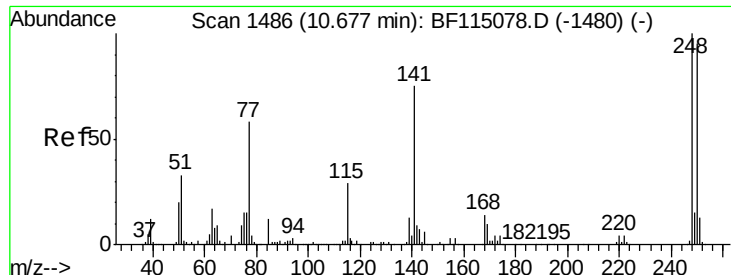
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#66
n-Nitrosodiphenylamine
Concen: 36.558 ng
RT: 10.29 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	971673		
168	67.8	54.2	81.4	
167	37.1	29.4	44.0	





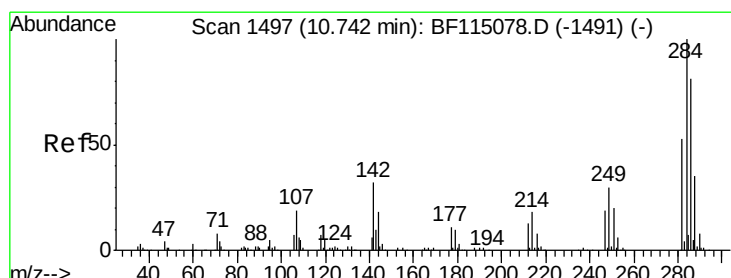
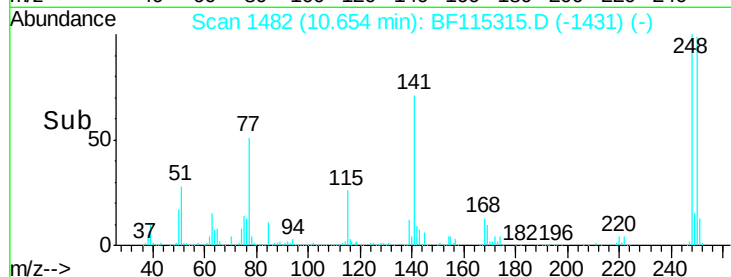
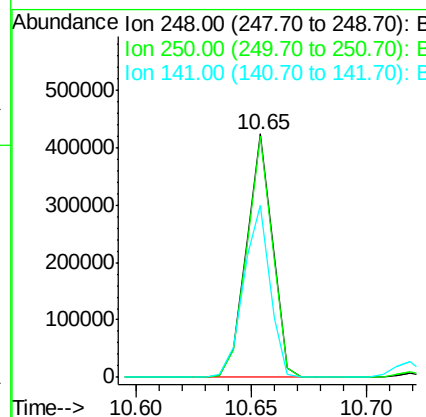
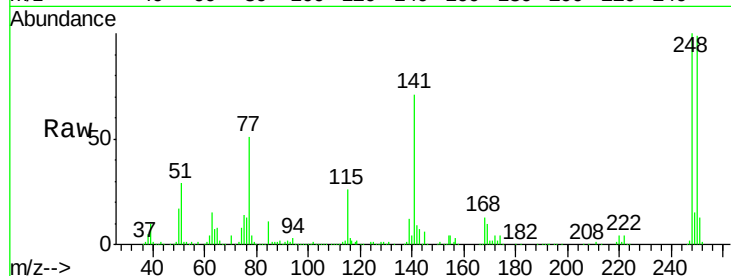
#67
 4-Bromophenyl-phenylether
 Concen: 36.069 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.2	114.2
141	70.6	59.6	89.4

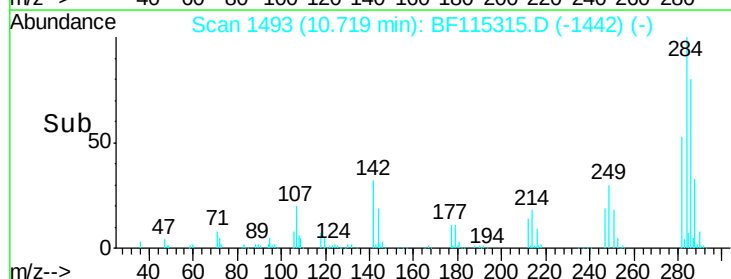
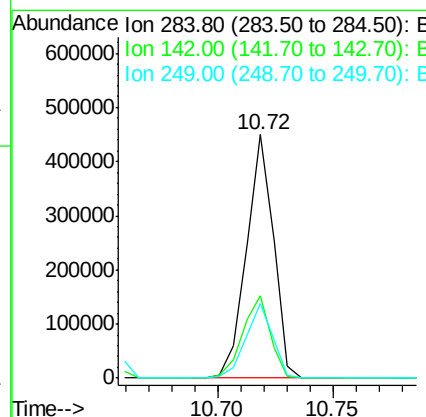
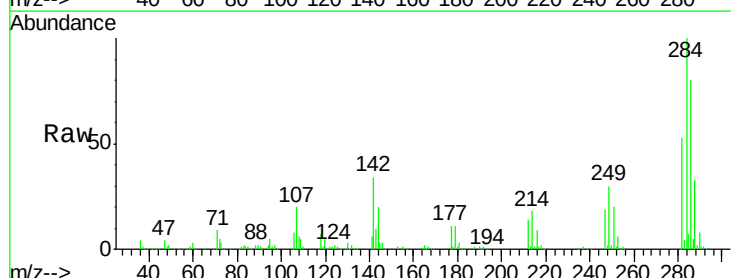
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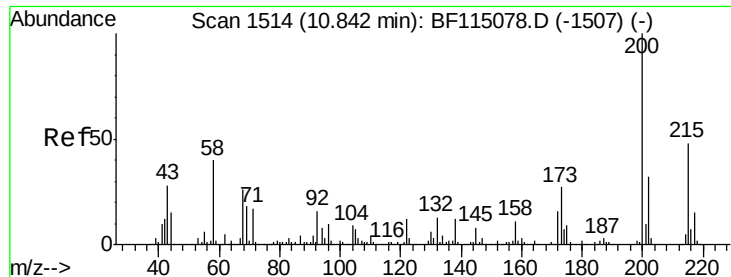
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#68
 Hexachlorobenzene
 Concen: 36.667 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.8	38.8
249	30.4	24.2	36.4





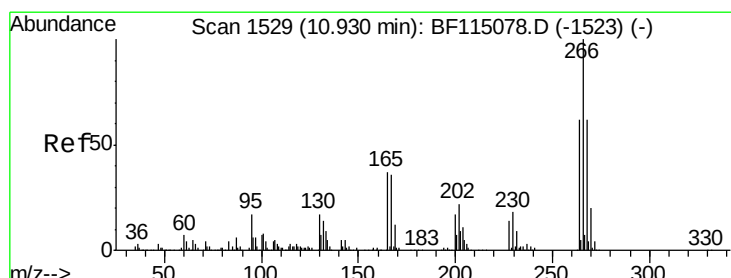
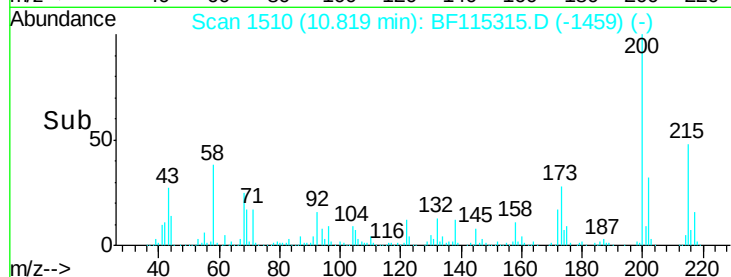
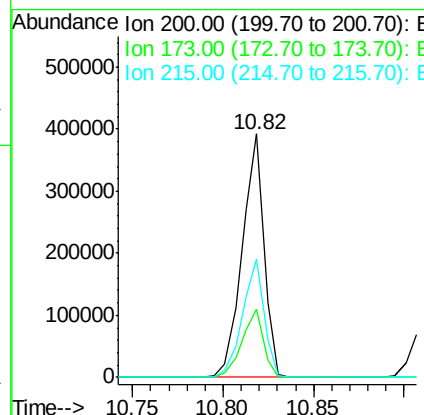
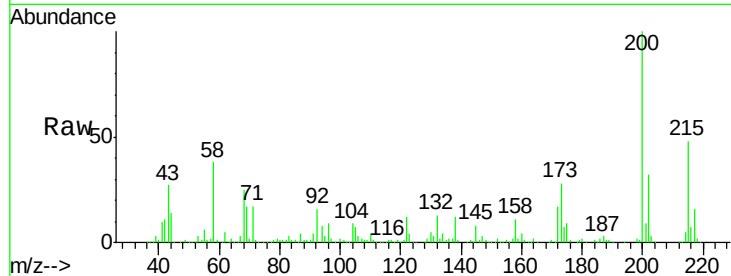
#69
 Atrazine
 Concen: 38.214 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	7.4	47.4
215	48.3	27.8	67.8

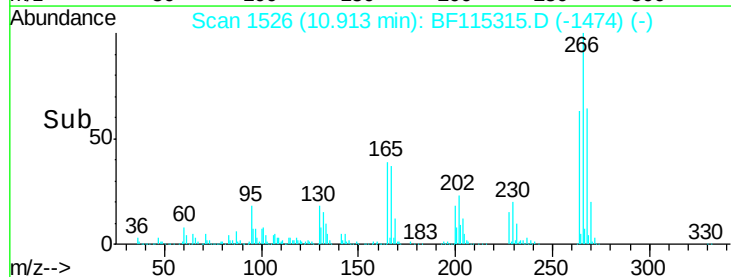
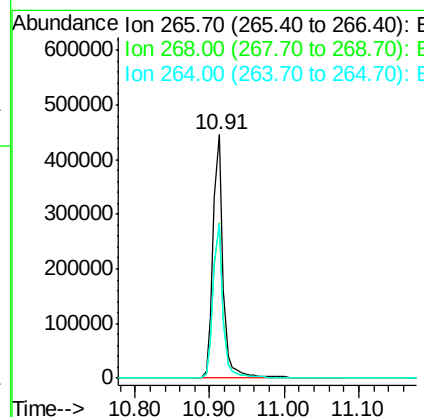
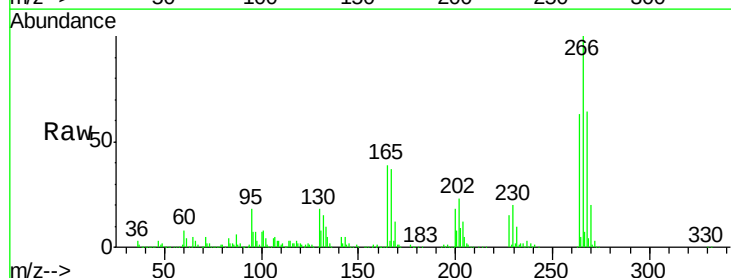
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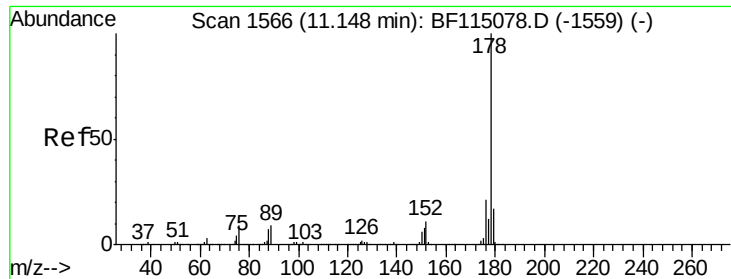
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#70
 Pentachlorophenol
 Concen: 66.121 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	49.5	74.3
264	63.1	49.3	73.9





#71

Phenanthrene

Concen: 35.217 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:178 Resp: 1617611

Ion Ratio Lower Upper

178 100

176 20.4 16.9 25.3

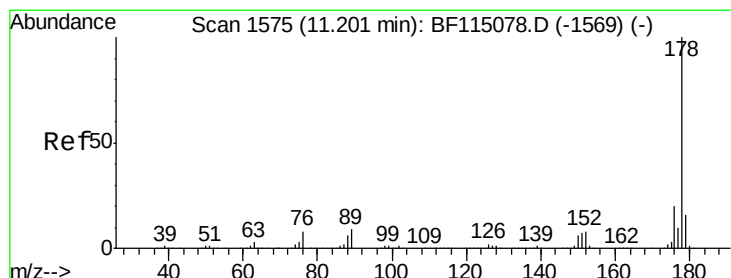
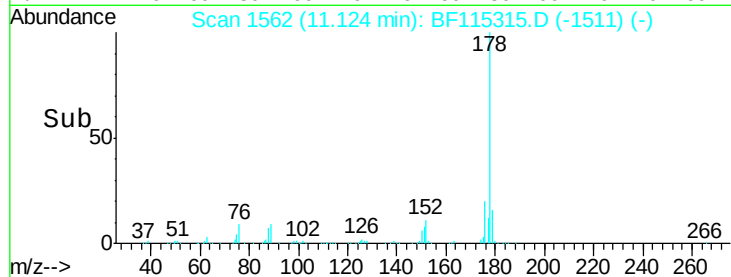
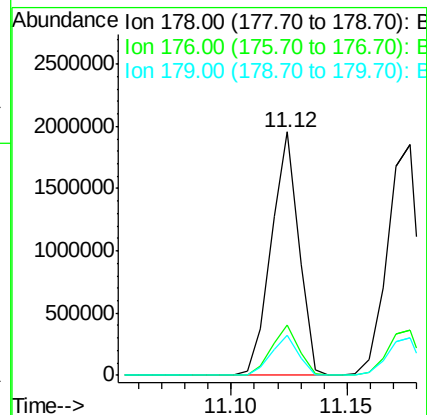
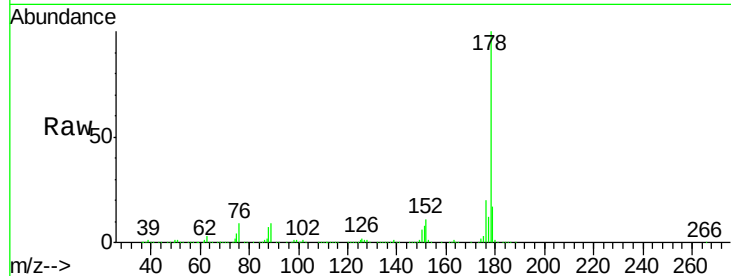
179 16.6 13.2 19.8

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#72

Anthracene

Concen: 36.432 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

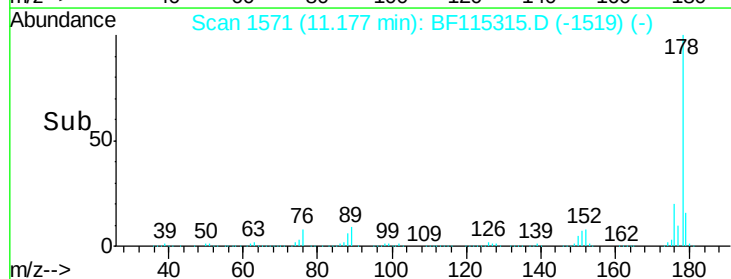
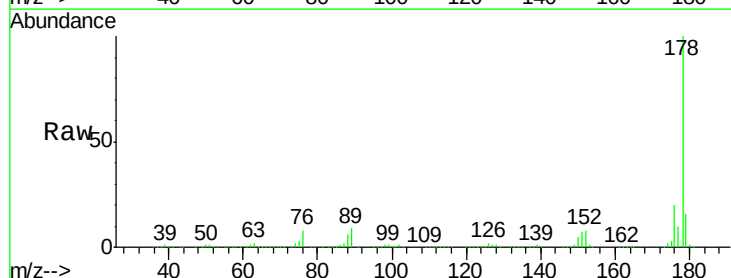
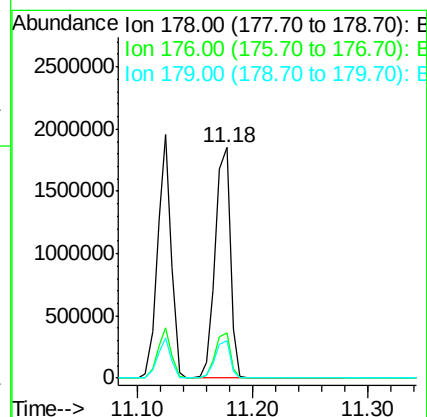
Tgt Ion:178 Resp: 1689226

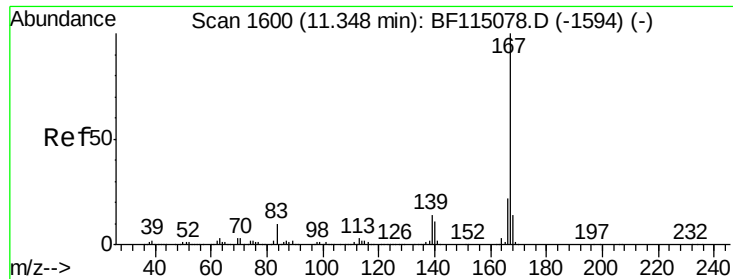
Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

179 16.2 12.9 19.3





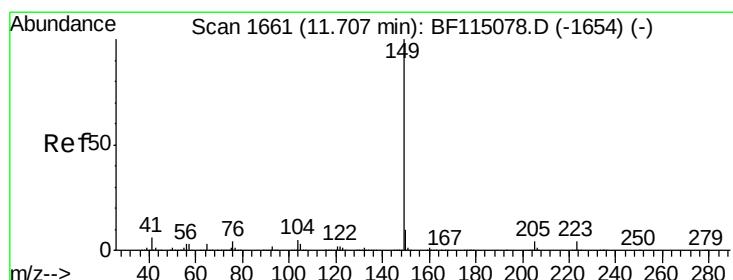
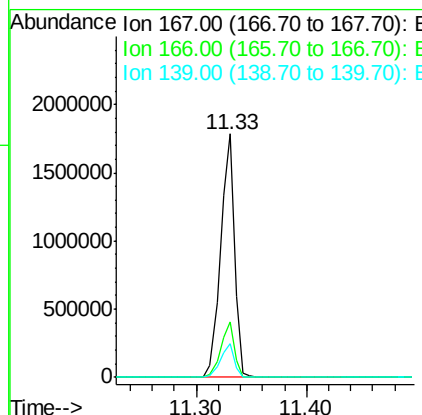
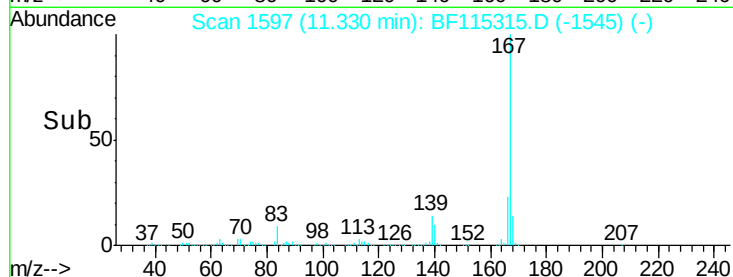
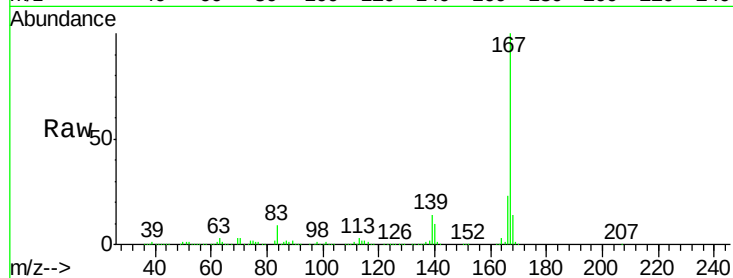
#73
 Carbazole
 Concen: 37.816 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:167 Resp: 1565698
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.7 11.1 16.7

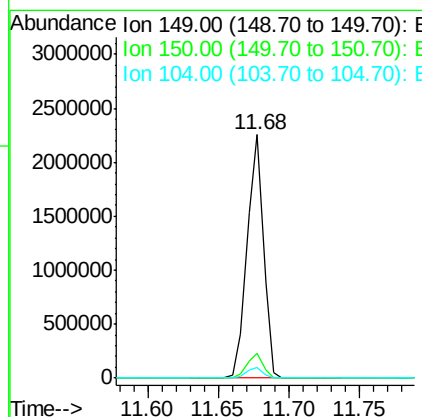
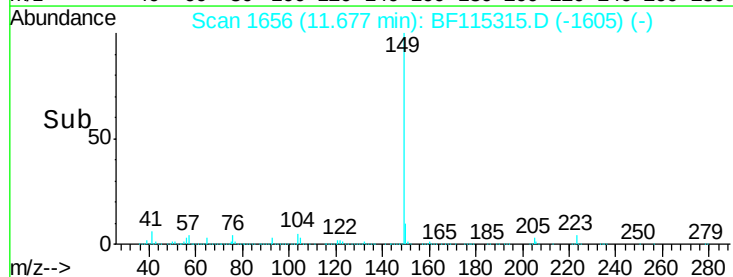
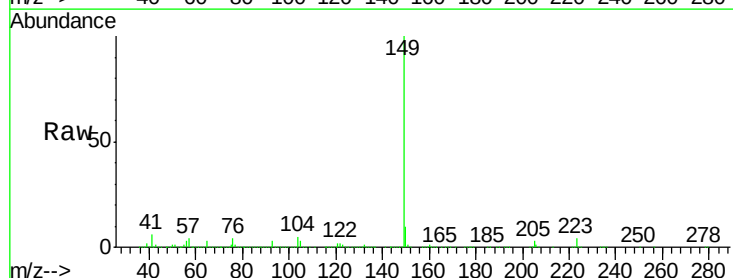
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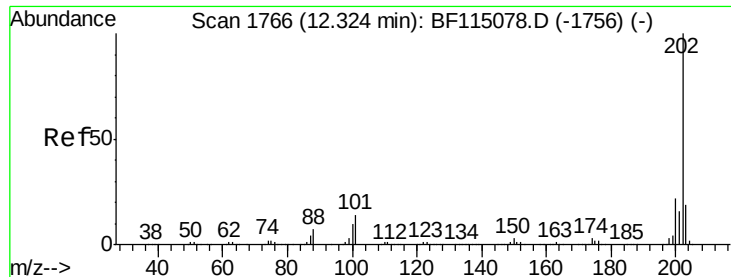
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#74
 Di-n-butylphthalate
 Concen: 38.160 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:149 Resp: 1825747
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.6 3.7 5.5





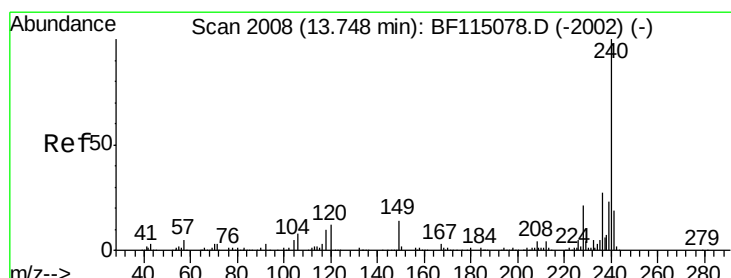
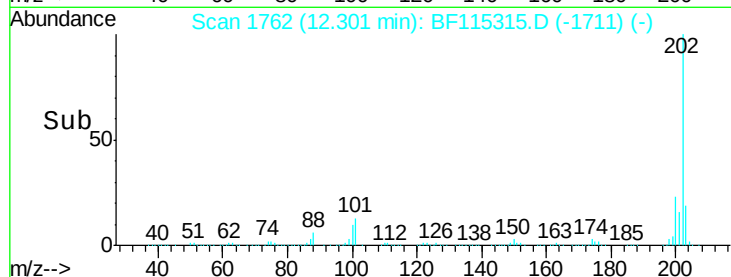
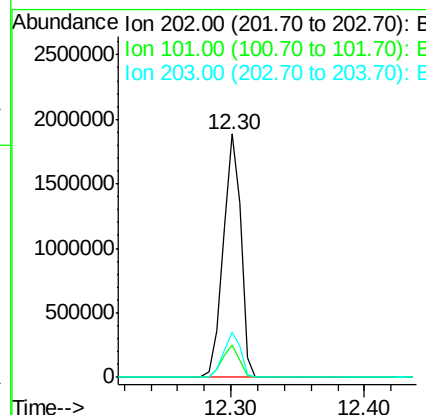
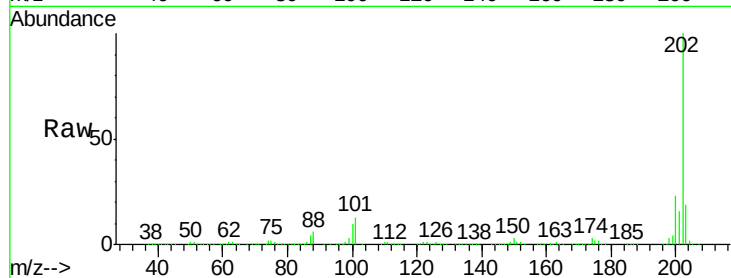
#75
Fluoranthene
Concen: 38.269 ng
RT: 12.30 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.0
203	18.8	0.0	38.8

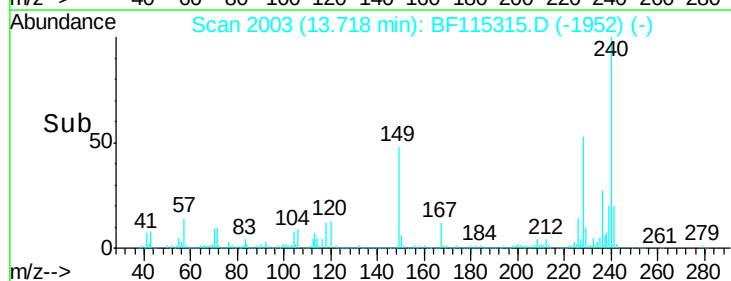
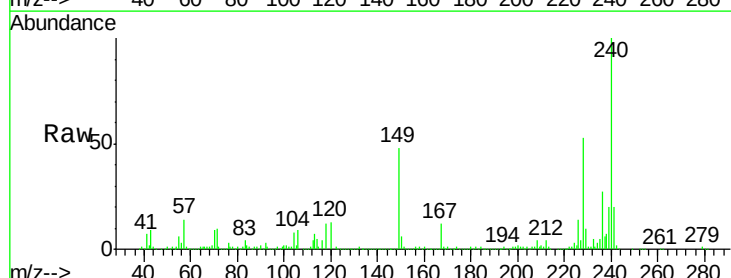
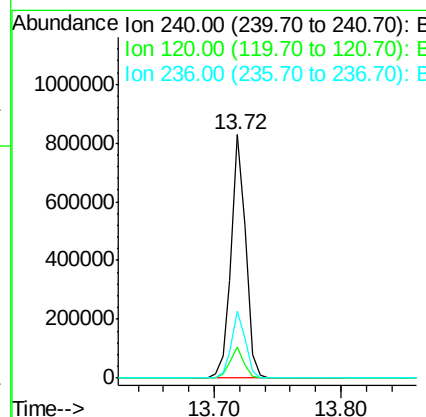
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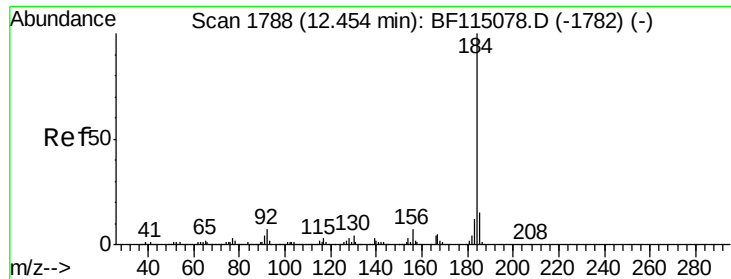
mohammad
7/1/2019 5:58:56 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.4	14.2
236	27.5	21.7	32.5





#77

Benzidine

Concen: 10.520 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:184 Resp: 307738

Ion Ratio Lower Upper

184 100

185 17.7 12.2 18.2

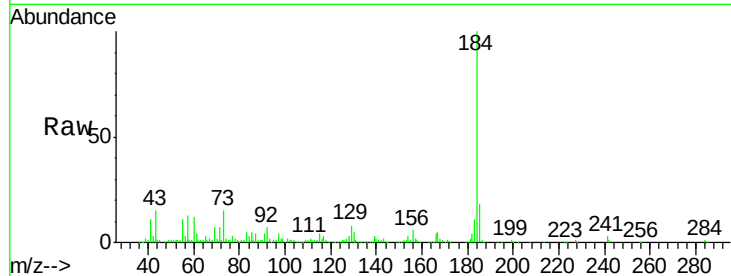
183 10.9 9.6 14.4

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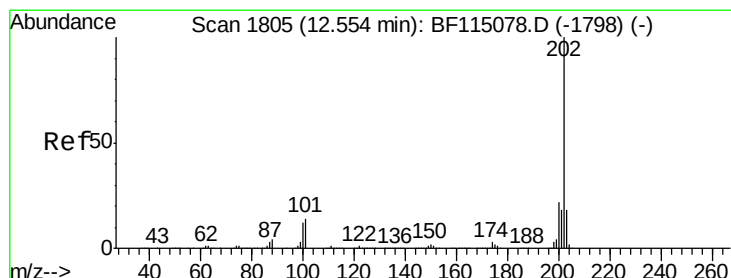
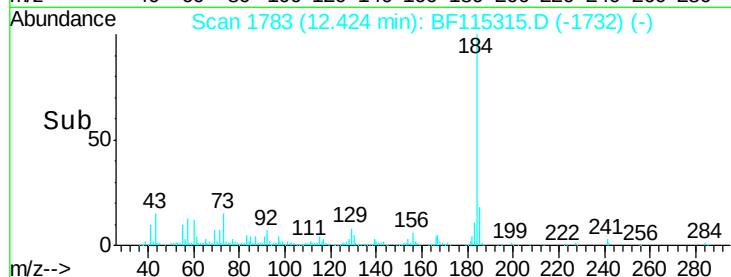
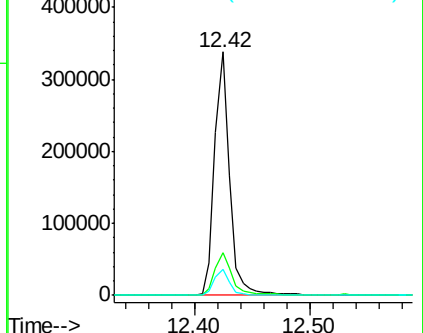
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.657 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

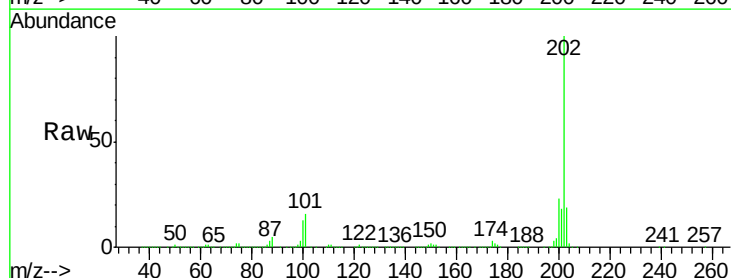
Tgt Ion:202 Resp: 1805185

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

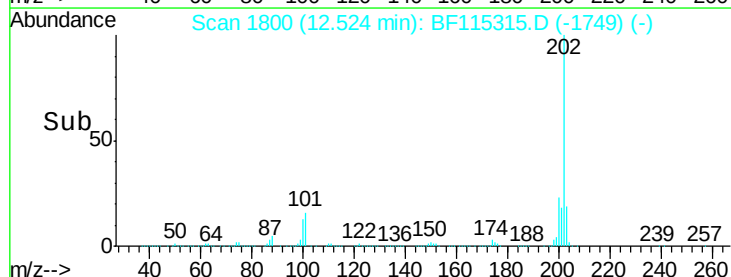
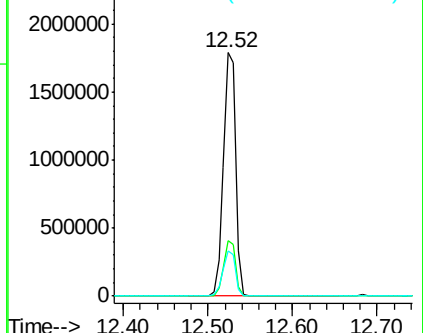
203 18.5 14.6 21.8

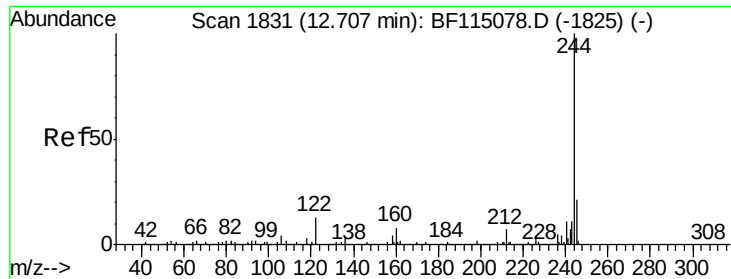


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.607 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:244 Resp: 243555

Ion Ratio Lower Upper

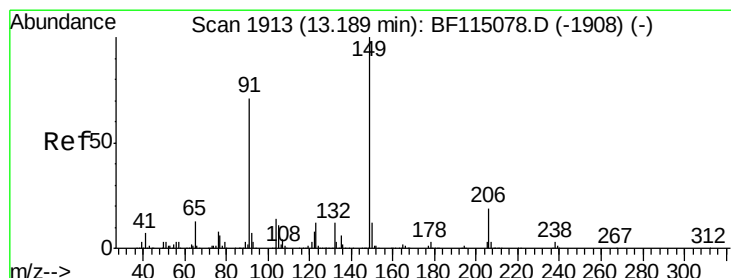
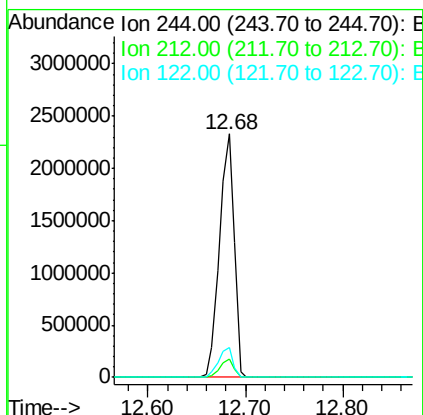
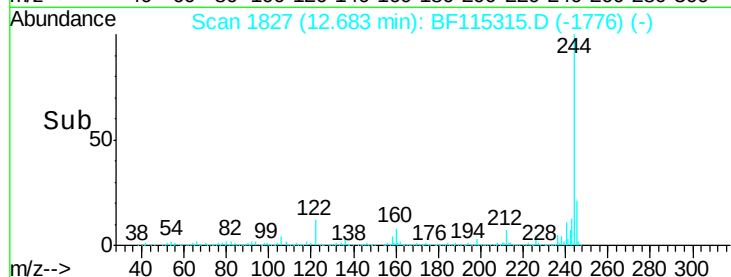
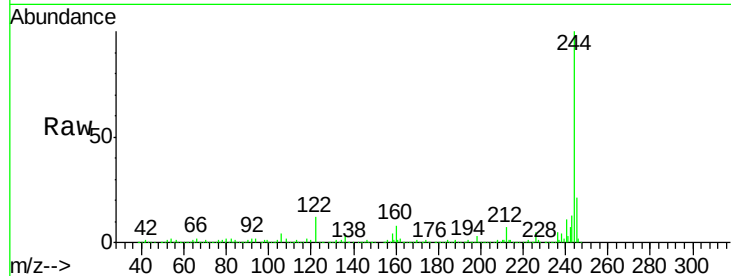
244 100

212 7.4 5.8 8.6

122 12.1 10.4 15.6

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#80

Butylbenzylphthalate

Concen: 37.638 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

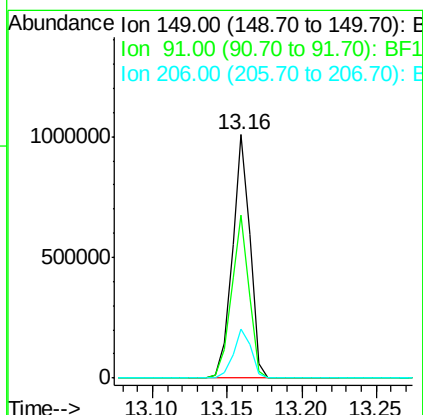
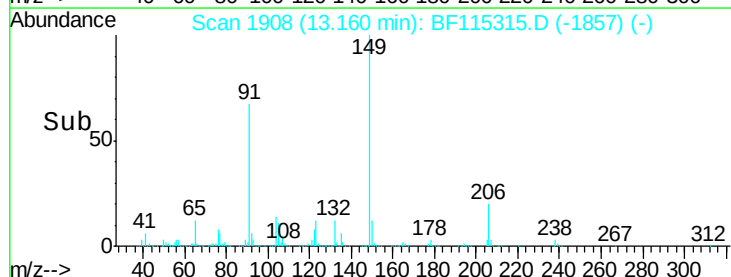
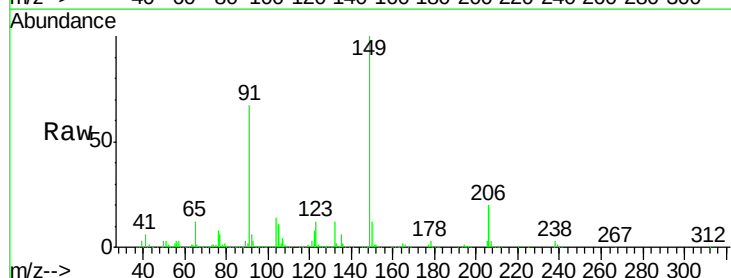
Tgt Ion:149 Resp: 840914

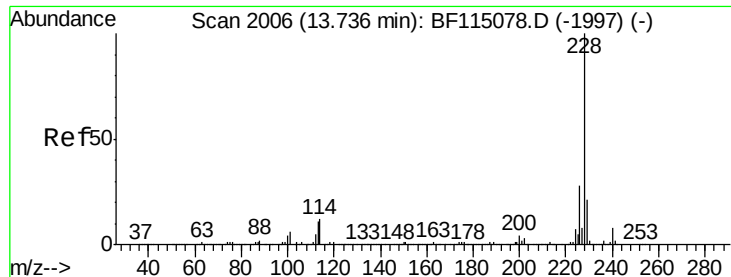
Ion Ratio Lower Upper

149 100

91 66.7 56.5 84.7

206 20.4 15.3 22.9





#81

Benzo(a)anthracene

Concen: 35.947 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:228 Resp: 1699144

Ion Ratio Lower Upper

228 100

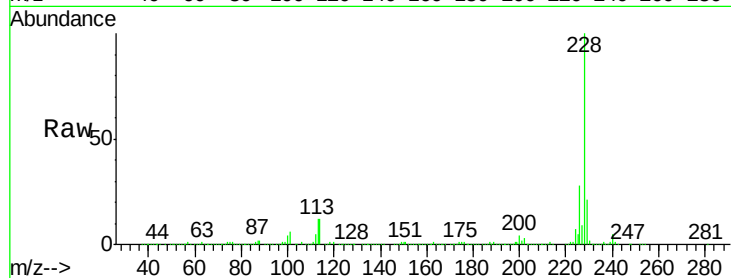
226 28.0 22.5 33.7

229 20.6 16.6 24.8

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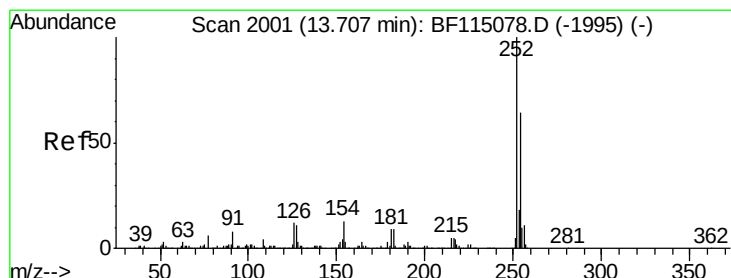
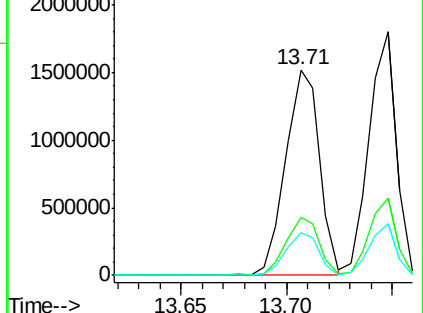
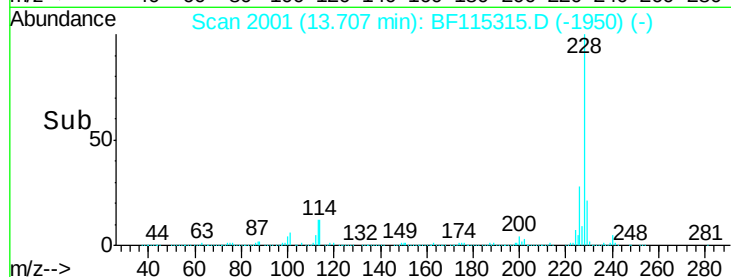
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.011 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

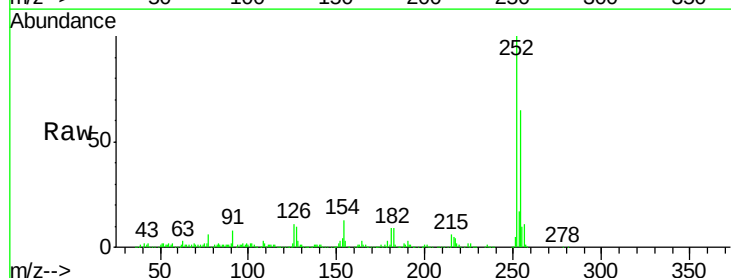
Tgt Ion:252 Resp: 495204

Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

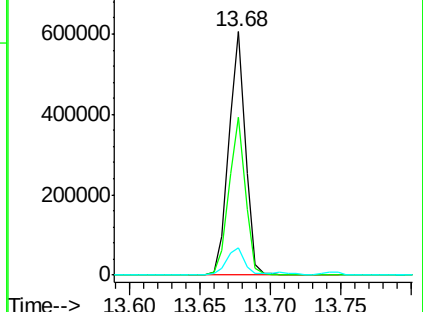
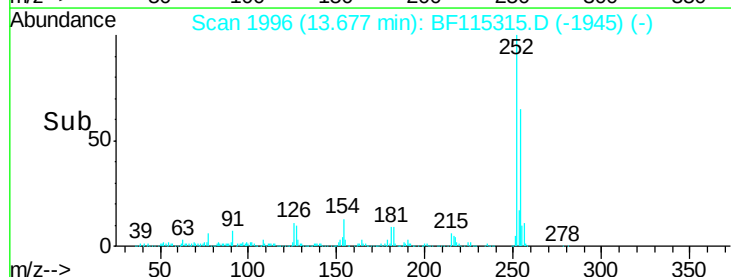
126 11.3 9.4 14.0

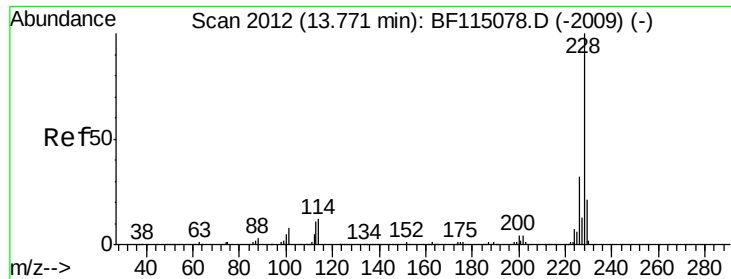


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





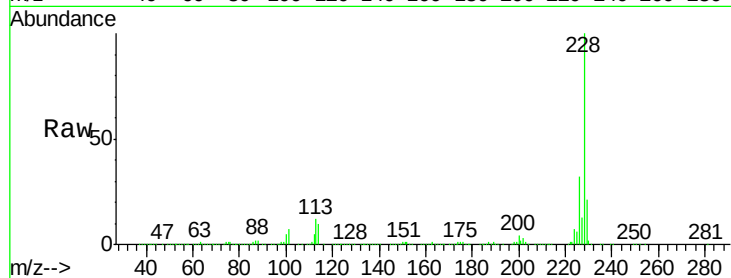
#83
Chrysene
Concen: 37.691 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

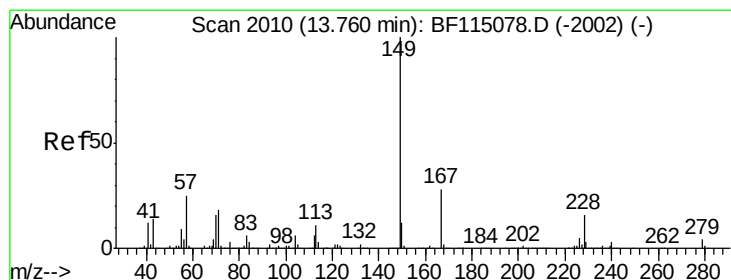
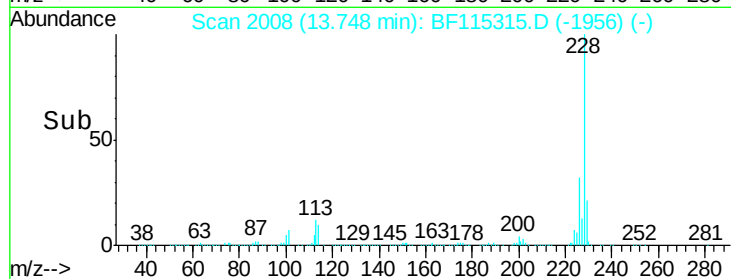
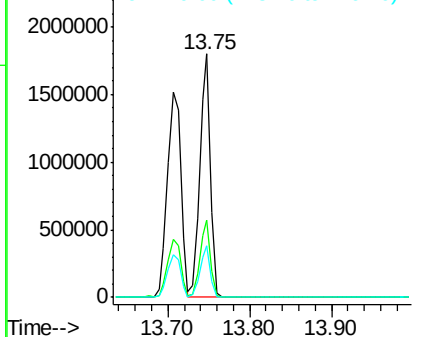
Tgt Ion:228 Resp: 1631989
Ion Ratio Lower Upper
228 100
226 31.9 25.4 38.0
229 21.0 16.5 24.7

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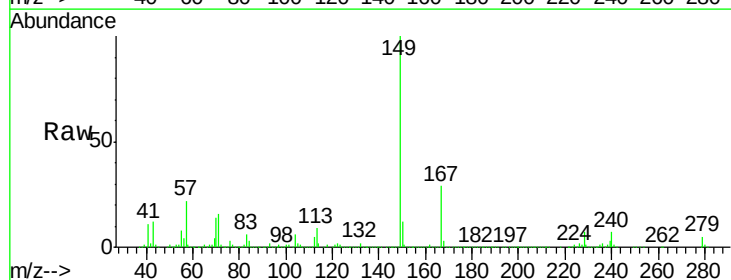


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

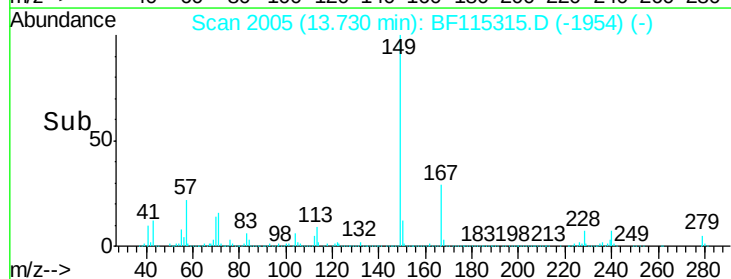
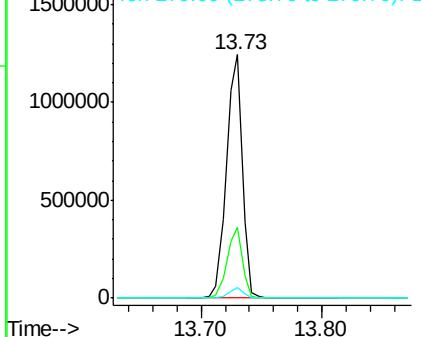


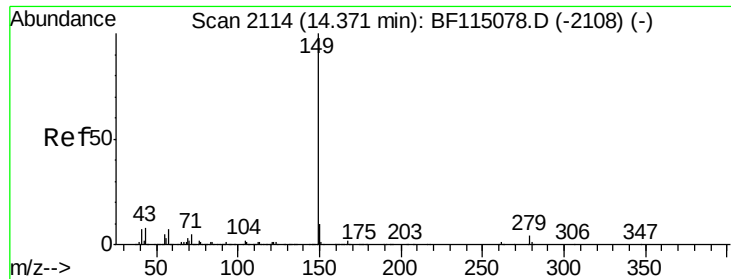
#84
Bis(2-ethylhexyl)phthalate
Concen: 38.643 ng
RT: 13.73 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:149 Resp: 1131267
Ion Ratio Lower Upper
149 100
167 29.0 22.2 33.4
279 4.6 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





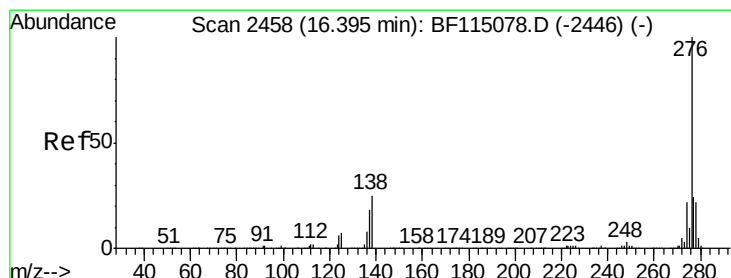
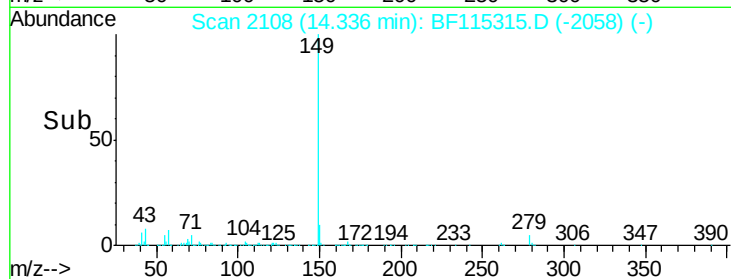
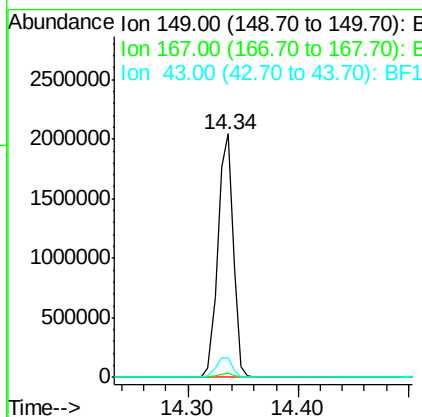
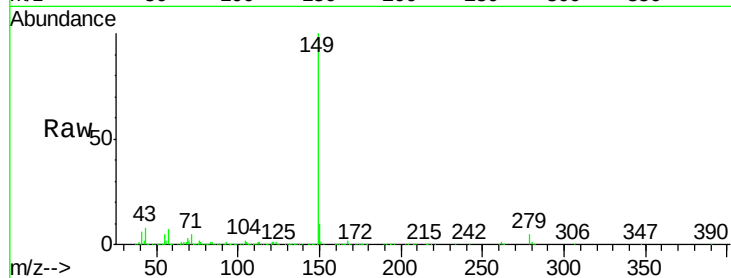
#85
 Di-n-octyl phthalate
 Concen: 40.216 ng
 RT: 14.34 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:	149	Resp:	1978093
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	7.0	10.6

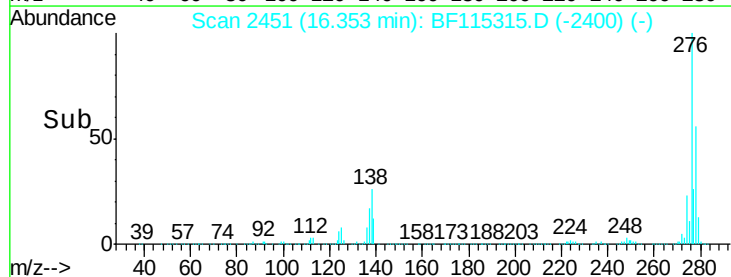
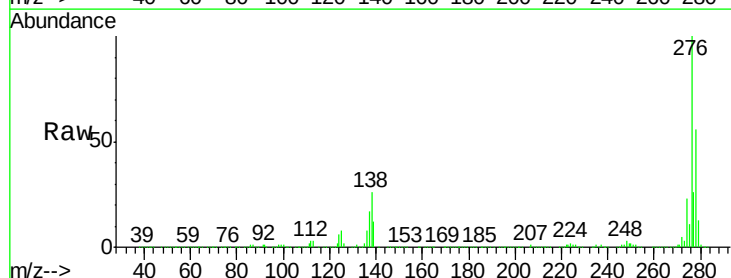
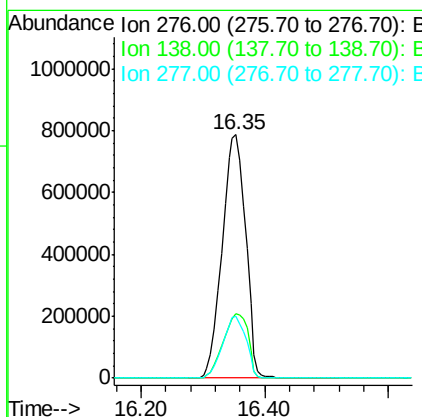
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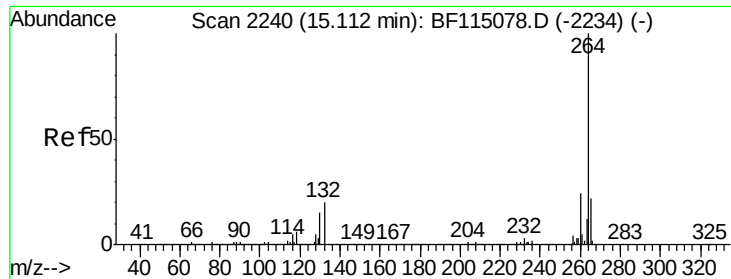
mohammad
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.430 ng
 RT: 16.35 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:	276	Resp:	2071474
Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.2	34.8
277	25.3	20.1	30.1





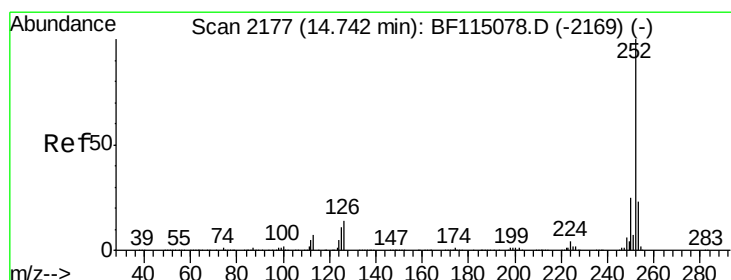
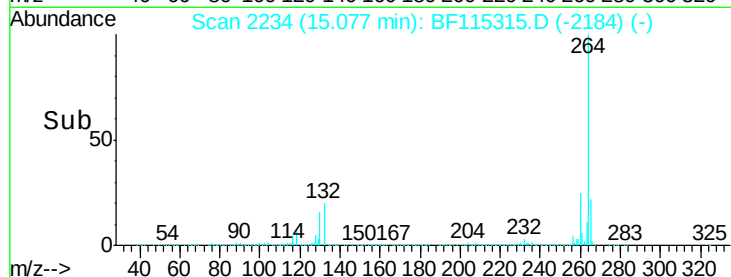
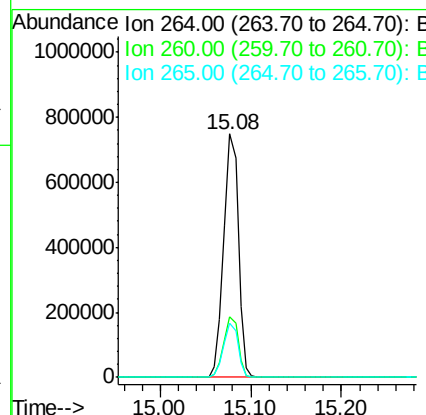
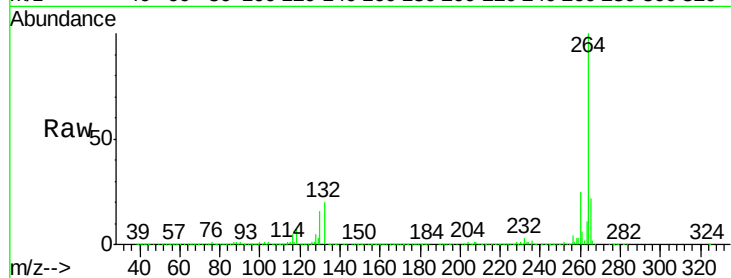
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	837892		
260	24.8	19.6	29.4	
265	22.1	17.3	25.9	

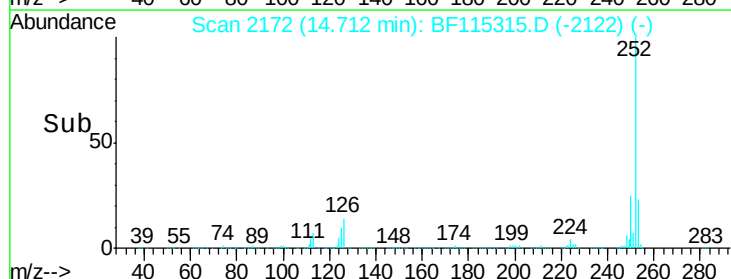
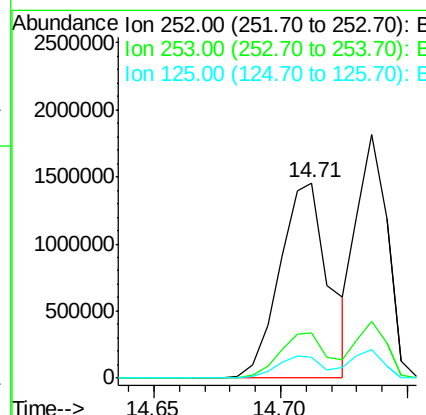
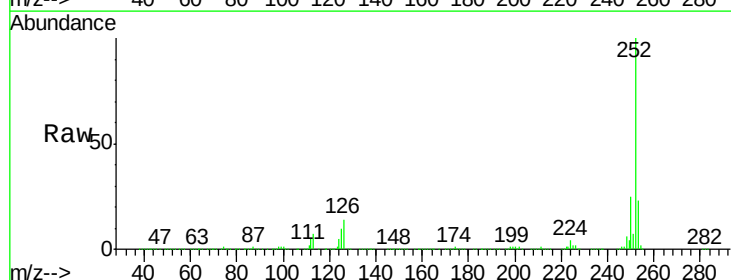
Manual Integrations
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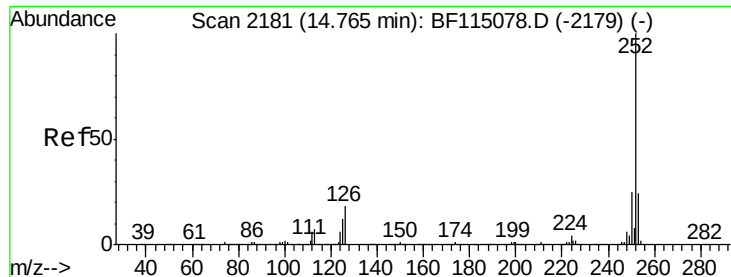
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.517 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1961447		
253	22.8	18.1	27.1	
125	10.4	8.7	13.1	





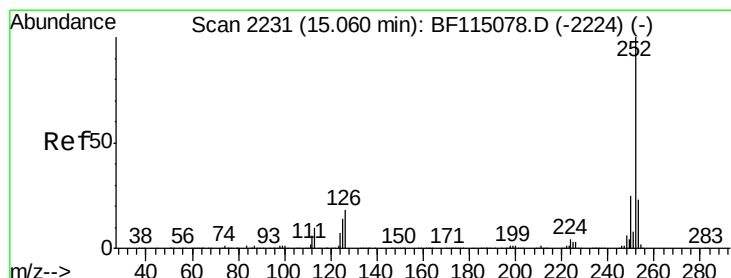
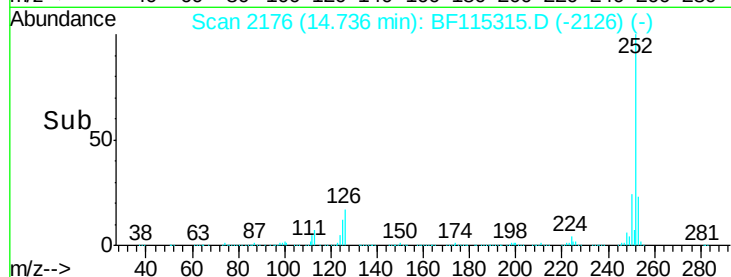
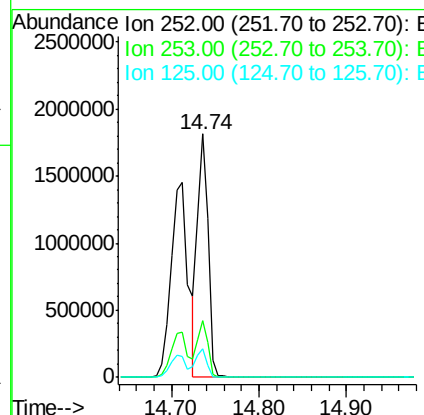
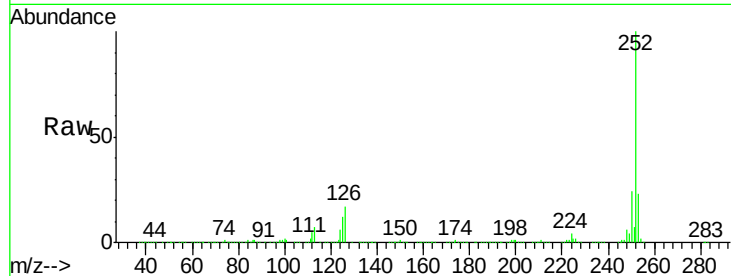
#89
Benzo(k)fluoranthene
Concen: 32.966 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	11.6	10.2	15.2

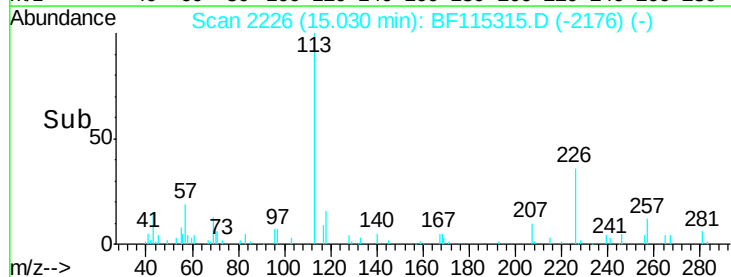
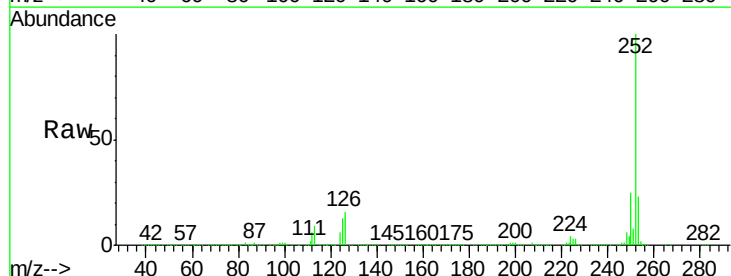
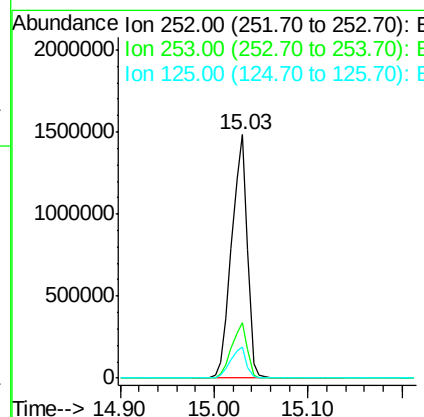
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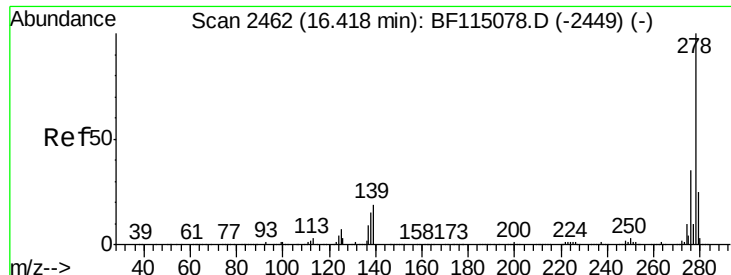
mohammad
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#90
Benzo(a)pyrene
Concen: 36.761 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	12.6	10.9	16.3





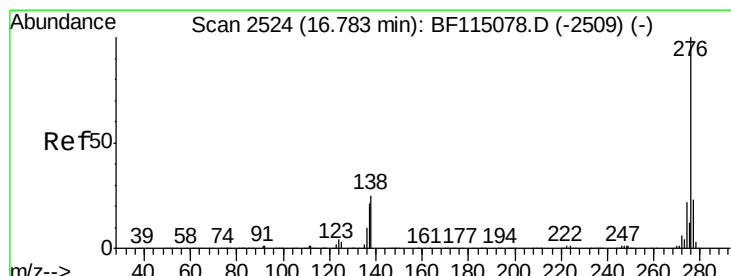
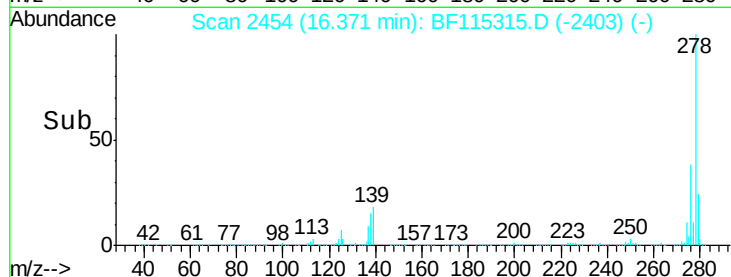
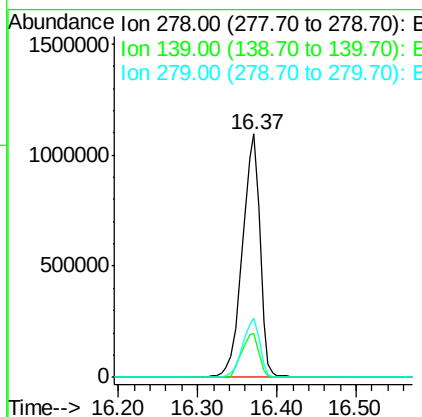
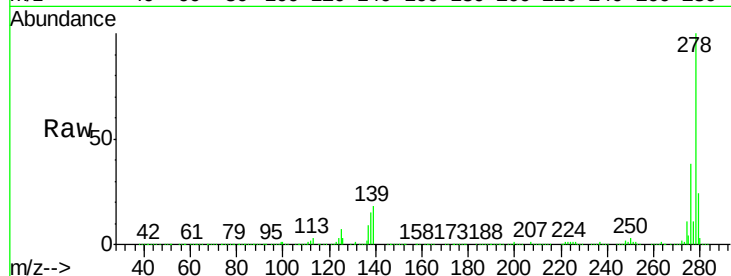
#91
Dibenzo(a,h)anthracene
Concen: 38.305 ng
RT: 16.37 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.4	23.2
279	24.3	19.9	29.9

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#92
Benzo(g,h,i)perylene
Concen: 38.947 ng
RT: 16.74 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	23.9	19.8	29.6

