

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115223.D
 Acq On : 26 Jun 2019 17:04
 Operator : HP/JU
 Sample : K3309-08MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Manual Integrations
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mohammad
 6/27/2019 8:32:19 AM

Quant Time: Jun 27 01:34:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	294115	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1138999	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	556646	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1044760	20.00	ng	0.00
76) Chrysene-d12	13.74	240	609966	20.00	ng	-0.01
87) Perylene-d12	15.10	264	651610	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1053114	55.26	ng	0.01
7) Phenol-d6	6.25	99	847419	36.63	ng	0.00
23) Nitrobenzene-d5	7.18	82	1637509	88.44	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	712601	121.40	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2884214	88.01	ng	0.00
79) Terphenyl-d14	12.70	244	2725870	95.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	167655	18.639	ng	99
3) Pyridine	2.91	79	335515	13.234	ng	99
4) n-Nitrosodimethylamine	2.84	42	155272	15.623	ng	100
6) Aniline	6.27	93	459602	14.456	ng	# 88
8) 2-Chlorophenol	6.40	128	684863	31.957	ng	98
9) Benzaldehyde	6.15	77	168200	11.145	ng	97
10) Phenol	6.27	94	348219	12.851	ng	90
11) bis(2-Chloroethyl)ether	6.35	93	770713	38.585	ng	100
12) 1,3-Dichlorobenzene	6.55	146	909069	38.221	ng	99
13) 1,4-Dichlorobenzene	6.63	146	966021	40.503	ng	99
14) 1,2-Dichlorobenzene	6.79	146	861617	39.010	ng	98
15) Benzyl Alcohol	6.76	79	423356	25.133	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1092167	37.699	ng	97
17) 2-Methylphenol	6.88	107	479120	27.085	ng	97
18) Hexachloroethane	7.13	117	329323	38.300	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	563227	38.030	ng	99
20) 3+4-Methylphenols	7.03	107	487930	23.888	ng	# 82
22) Acetophenone	7.02	105	1141331	43.770	ng	# 94
24) Nitrobenzene	7.20	77	858344	42.079	ng	98
25) Isophorone	7.44	82	1557753	41.069	ng	98
26) 2-Nitrophenol	7.51	139	447776	44.450	ng	98
27) 2,4-Dimethylphenol	7.56	122	653549	39.625	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	983791	41.037	ng	100
29) 2,4-Dichlorophenol	7.75	162	666048	39.131	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	800785	42.592	ng	99
31) Naphthalene	7.92	128	2321331	41.519	ng	99
32) Benzoic acid	7.65	122	135947	11.547	ng	97
33) 4-Chloroaniline	7.97	127	382413	14.966	ng	99
34) Hexachlorobutadiene	8.04	225	433299	42.055	ng	98
35) Caprolactam	8.34	113	36582	6.393	ng	91
36) 4-Chloro-3-methylphenol	8.45	107	647334	37.553	ng	99
37) 2-Methylnaphthalene	8.61	142	1615742	42.860	ng	99
38) 1-Methylnaphthalene	8.71	142	1588143	44.110	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	728513	46.314	ng	100

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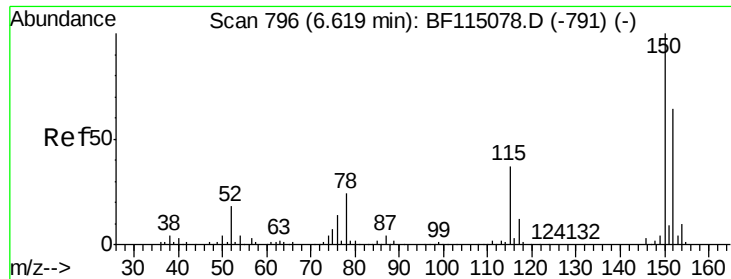
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	342156	36.684	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	500459	41.210	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	535066	42.785	ng	99
46) 1,1'-Biphenyl	9.07	154	1871108	42.010	ng	98
47) 2-Chloronaphthalene	9.10	162	1524775	42.204	ng	99
48) 2-Nitroaniline	9.19	65	462192	43.881	ng	87
49) Acenaphthylene	9.51	152	2311408	41.063	ng	99
50) Dimethylphthalate	9.38	163	1769709	43.212	ng	100
51) 2,6-Dinitrotoluene	9.43	165	425940	45.050	ng	99
52) Acenaphthene	9.68	154	1698834	48.231	ng	99
53) 3-Nitroaniline	9.59	138	232260	20.130	ng	97
54) 2,4-Dinitrophenol	9.70	184	201632	44.983	ng	94
55) Dibenzofuran	9.85	168	2026286	40.081	ng	98
56) 4-Nitrophenol	9.76	139	279186	30.182	ng	95
57) 2,4-Dinitrotoluene	9.83	165	558640	45.759	ng	94
58) Fluorene	10.19	166	1559864	46.574	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	456500	43.532	ng	99
60) Diethylphthalate	10.08	149	1765506	42.887	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	684565	42.406	ng	96
62) 4-Nitroaniline	10.21	138	411674	35.566	ng	100
63) Azobenzene	10.34	77	1574794	40.956	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	141826	27.836	ng	92
66) n-Nitrosodiphenylamine	10.30	169	1443562	44.350	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	497955	43.961	ng	94
68) Hexachlorobenzene	10.74	284	536702	43.652	ng	98
69) Atrazine	10.84	200	464188	44.333	ng	99
70) Pentachlorophenol	10.92	266	604259	77.144	ng	97
71) Phenanthrene	11.14	178	2315197	41.158	ng	99
72) Anthracene	11.19	178	2329151	41.019	ng	98
73) Carbazole	11.35	167	2059777	40.623	ng	99
74) Di-n-butylphthalate	11.70	149	2506615	42.781	ng	99
75) Fluoranthene	12.32	202	2131120	37.971	ng	98
77) Benzidine	12.44	184	194673m	7.188	ng	
78) Pyrene	12.54	202	2112505	45.066	ng	99
80) Butylbenzylphthalate	13.18	149	1018056	49.212	ng	94
81) Benzo(a)anthracene	13.72	228	1843561	42.122	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	509168	32.216	ng	98
83) Chrysene	13.76	228	1757612	43.840	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1355179	49.995	ng	100
85) Di-n-octyl phthalate	14.35	149	2215119	48.637	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	1567589	33.043	ng	99
88) Benzo(b)fluoranthene	14.73	252	1810761	44.536	ng	99
89) Benzo(k)fluoranthene	14.76	252	1749065	47.970	ng	98
90) Benzo(a)pyrene	15.05	252	1667252	45.496	ng	97
91) Dibenzo(a,h)anthracene	16.39	278	1320595	38.601	ng	98
92) Benzo(g,h,i)perylene	16.76	276	1236357	35.706	ng	98

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



#1

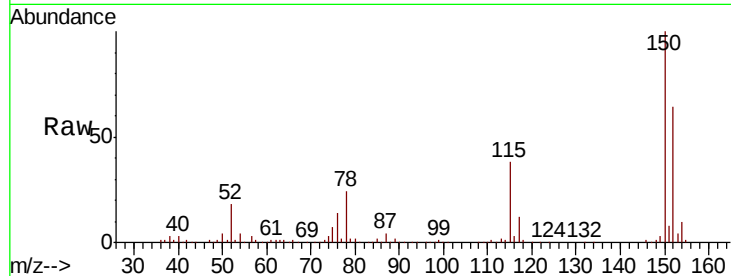
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	58.8	46.1	69.1

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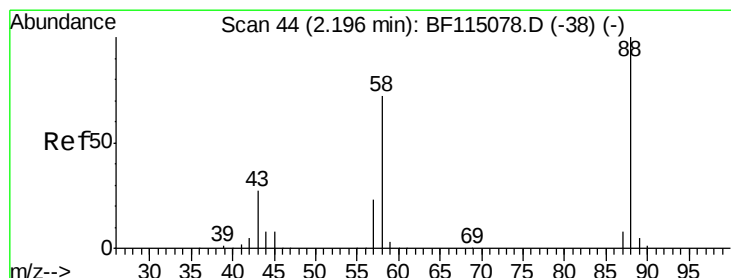
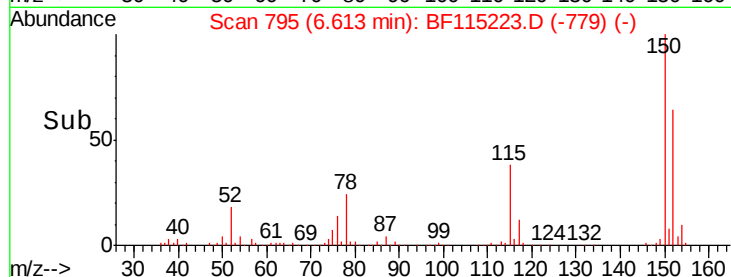
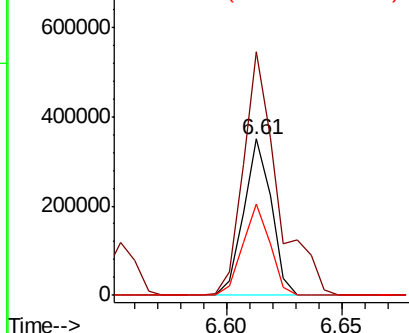


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

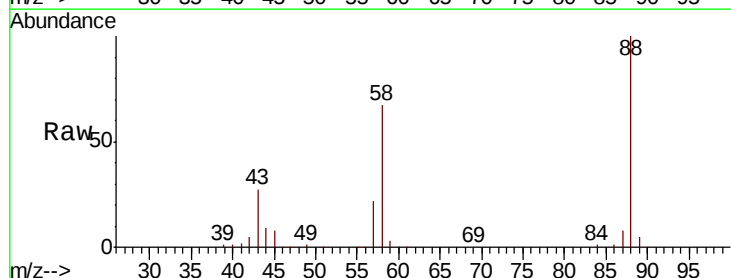
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.639 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.05 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.1	84.1
43	27.0	21.3	31.9

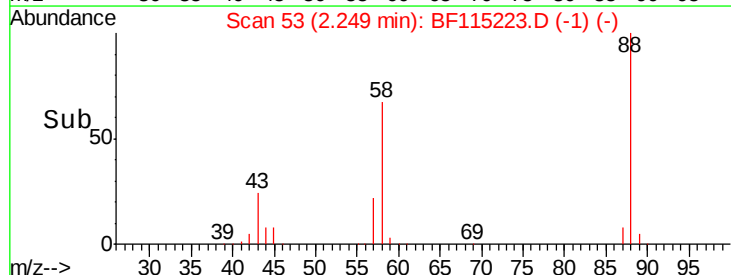
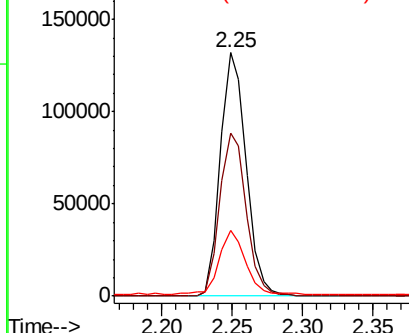


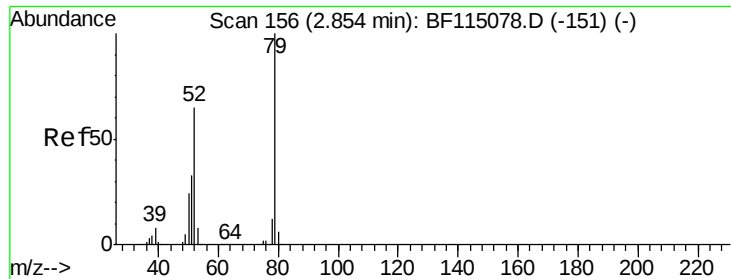
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





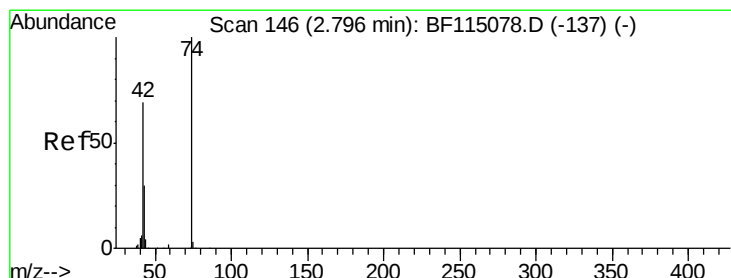
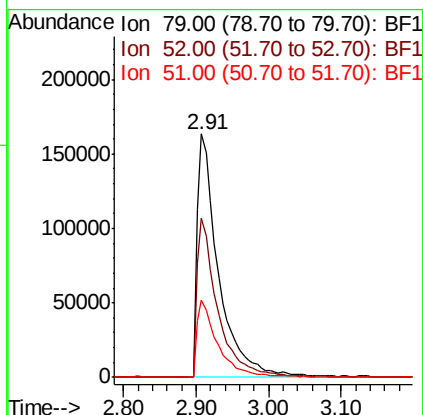
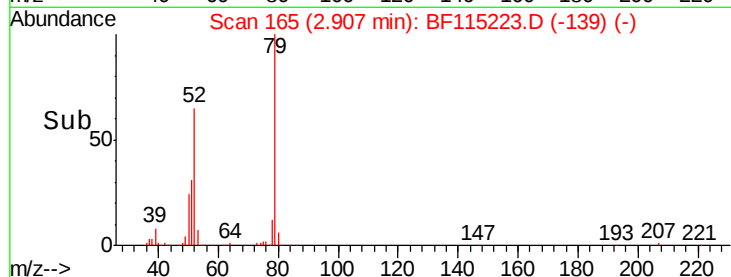
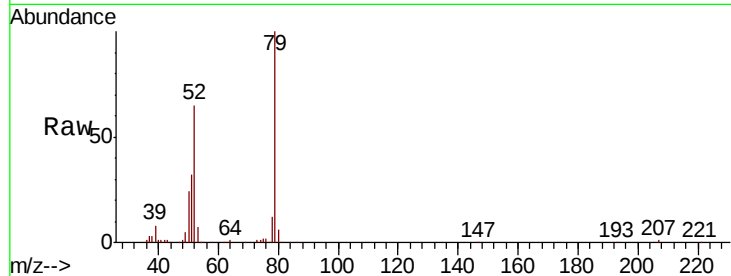
#3
 Pvridine
 Concen: 13.234 ng
 RT: 2.91 min Scan# 165
 Delta R.T. 0.05 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.3	78.5
51	31.6	26.1	39.1

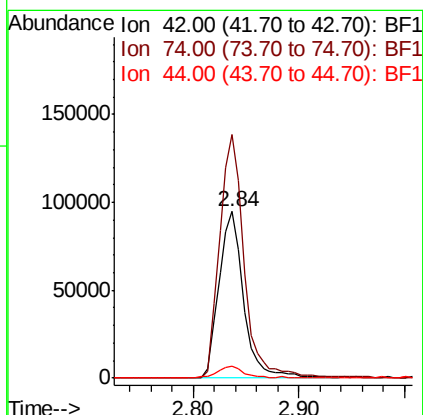
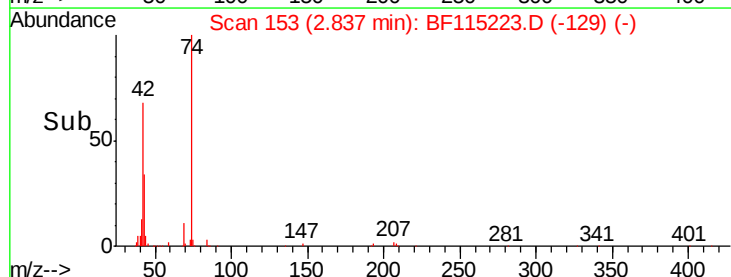
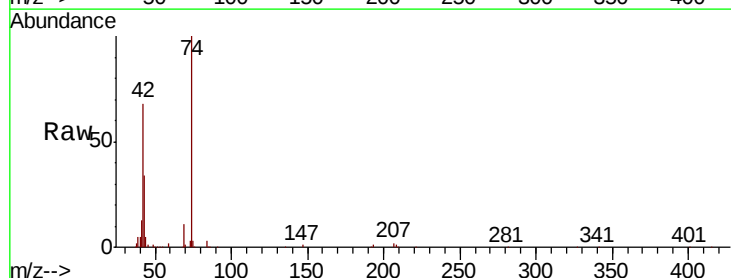
Manual Integrations
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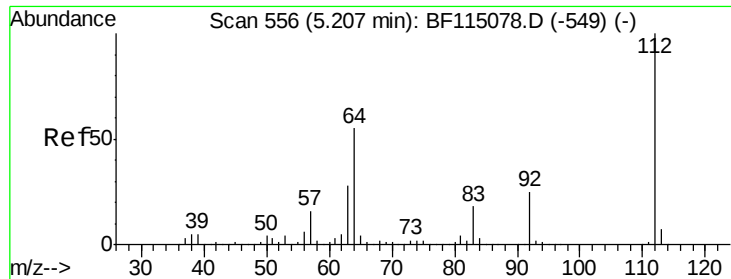
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#4
 n-Nitrosodimethylamine
 Concen: 15.623 ng
 RT: 2.84 min Scan# 153
 Delta R.T. 0.04 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.2	116.6	175.0
44	7.4	5.3	7.9





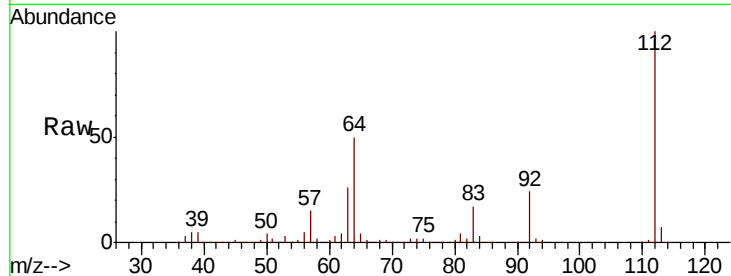
#5
2-Fluorophenol
Concen: 55.255 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

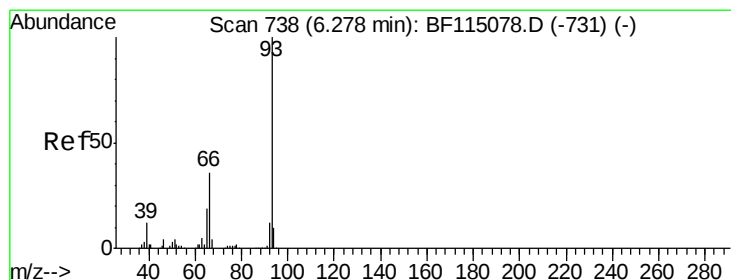
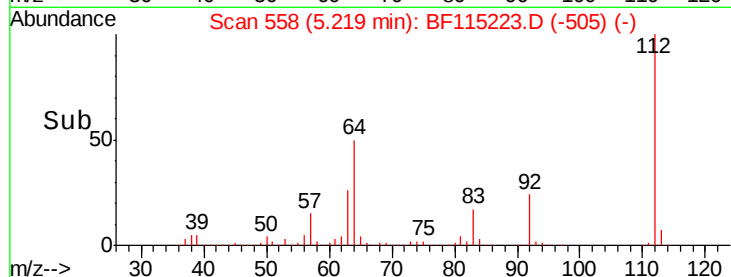
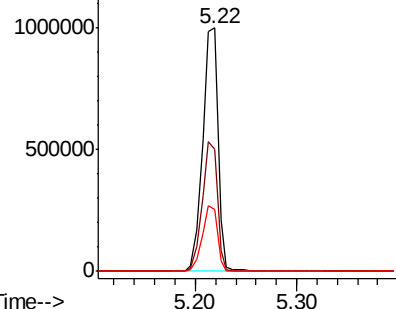
Tot Ion	Ratio	Lower	Upper
112	100		
64	50.3	43.8	65.6
63	25.6	22.2	33.4

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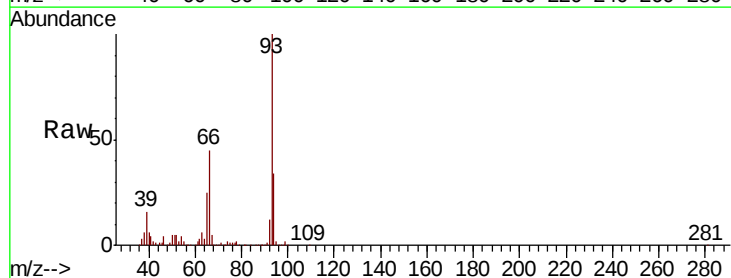


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

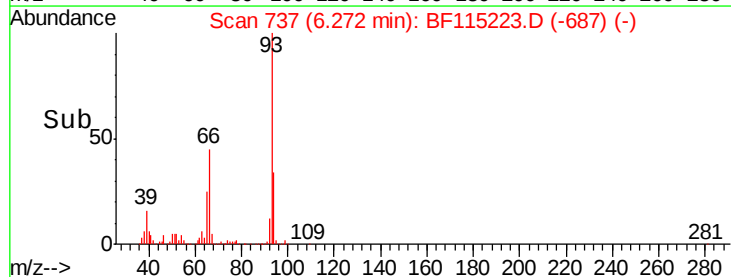
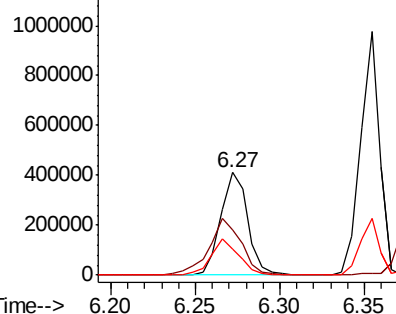


#6
Aniline
Concen: 14.456 ng
RT: 6.27 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.6	30.0	45.0
65	25.1	15.6	23.4



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





#7

Phenol-d6

Concen: 36.632 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

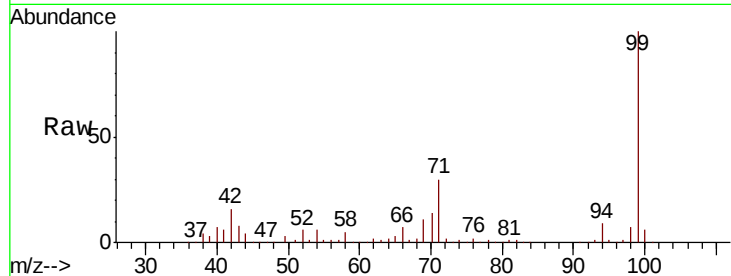
ClientSampleId :

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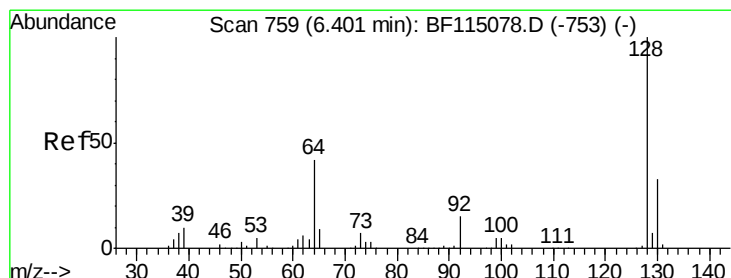
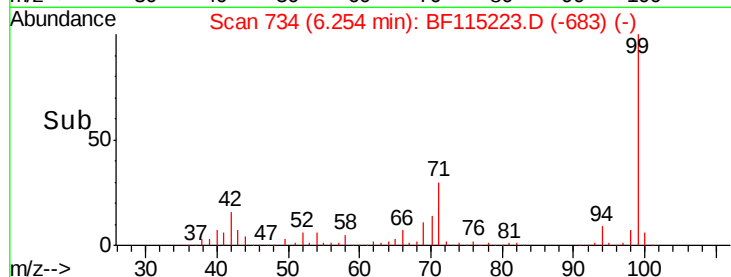
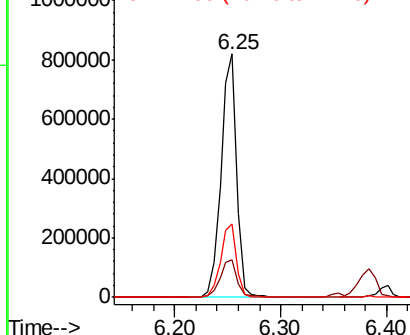
Tot Ion:	99	Resp:	847419
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.6	20.4
71	30.1	25.5	38.3

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



#8

2-Chlorophenol

Concen: 31.957 ng

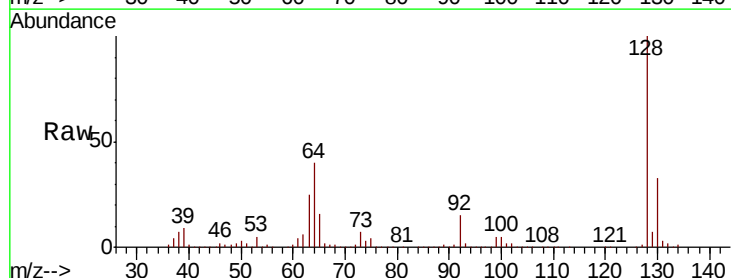
RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

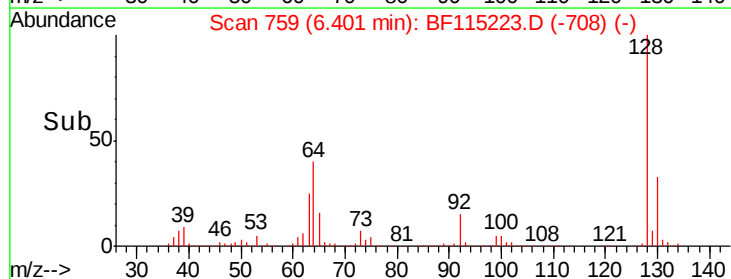
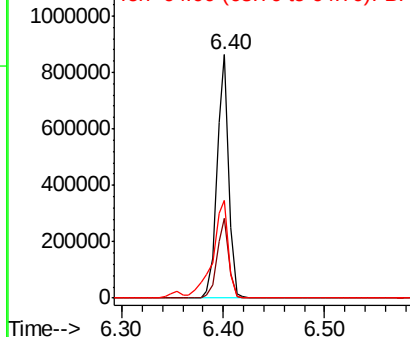
Lab File: BF115223.D

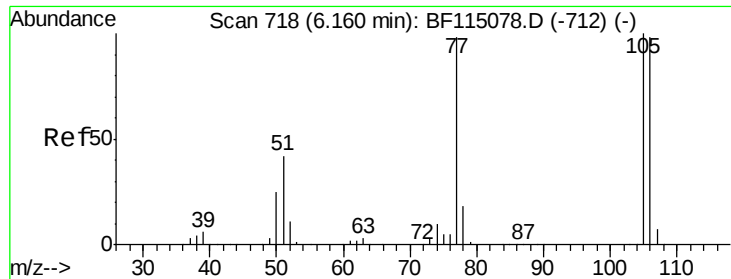
Acq: 26 Jun 2019 17:04

Tgt Ion:	128	Resp:	684863
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	40.1	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: 11.145 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

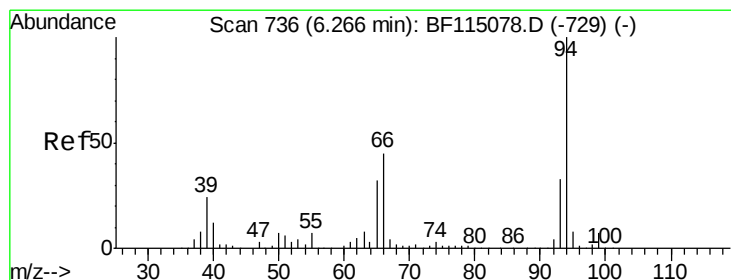
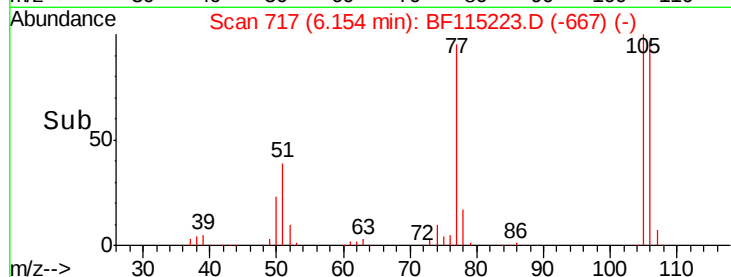
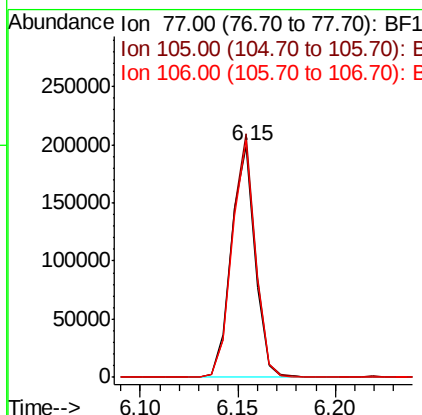
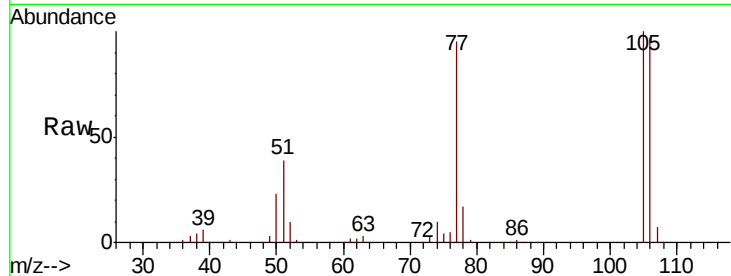
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	77	Resp:	168200
Ion	Ratio	Lower	Upper
77	100		
105	105.4	81.5	121.5
106	102.6	79.7	119.7

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#10

Phenol

Concen: 12.851 ng

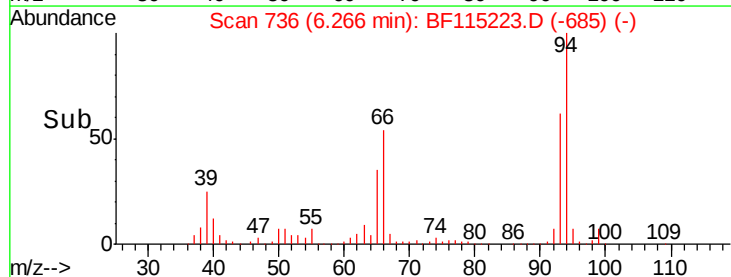
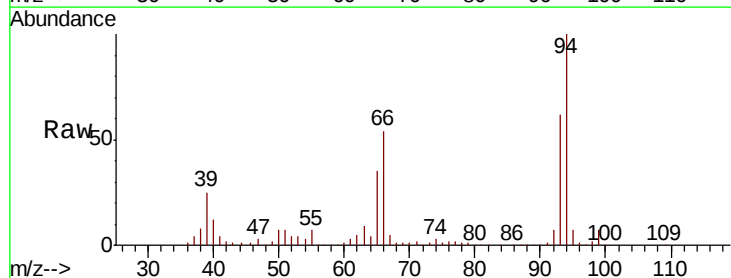
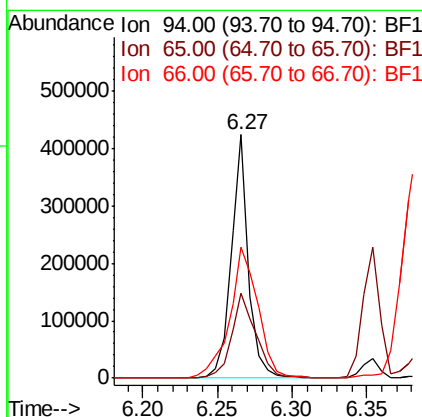
RT: 6.27 min Scan# 736

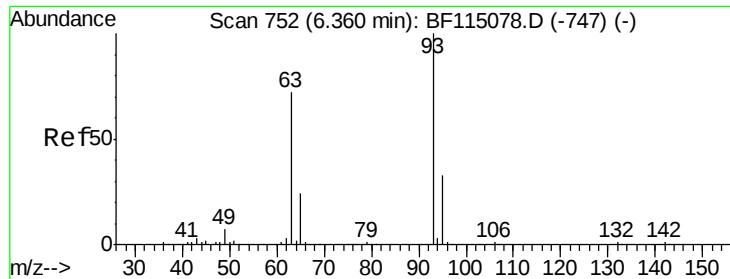
Delta R.T. 0.00 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion:	94	Resp:	348219
Ion	Ratio	Lower	Upper
94	100		
65	34.7	11.9	51.9
66	53.6	25.2	65.2





#11

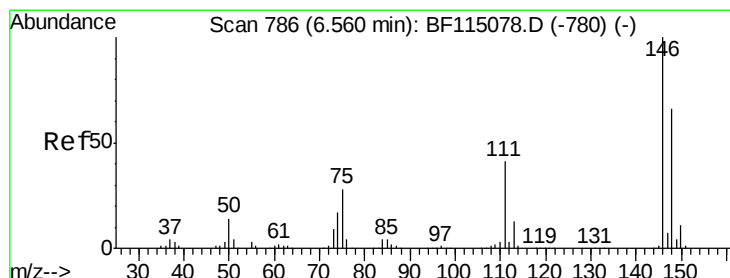
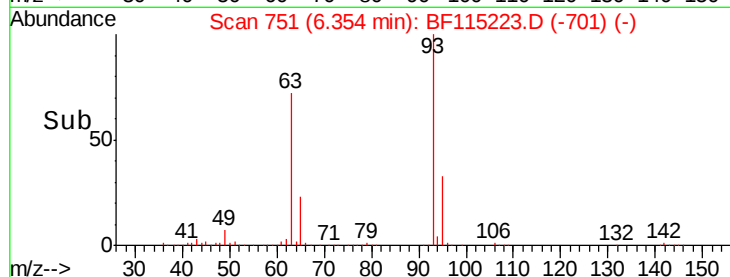
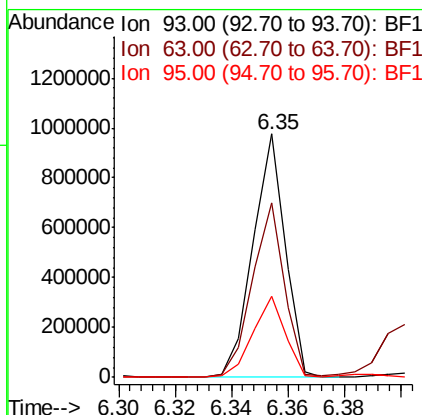
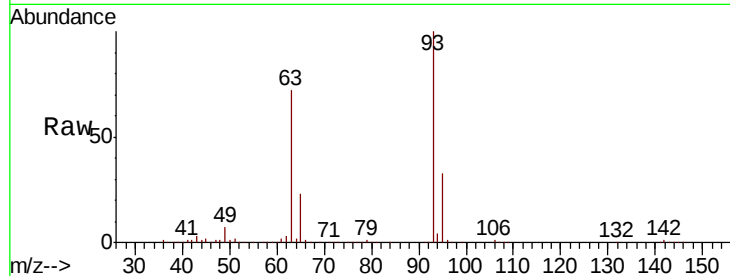
bis(2-Chloroethyl)ether
 Concen: 38.585 ng
 RT: 6.35 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		770713		
63	71.9	51.5	91.5		
95	33.1	13.4	53.4		

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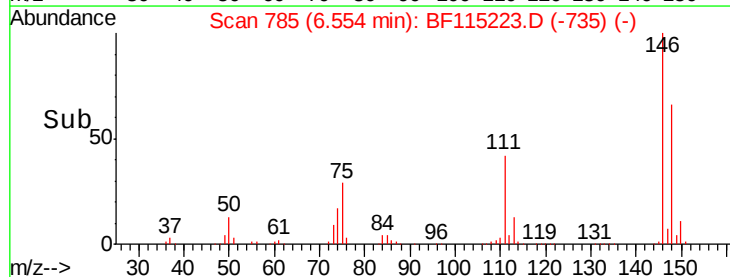
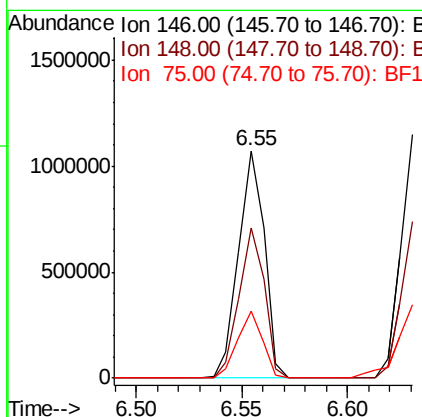
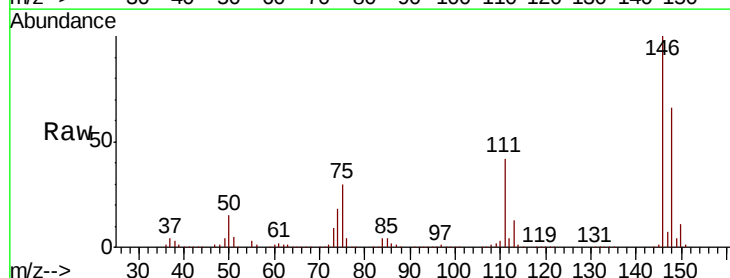
mohammad
 6/27/2019 8:32:19 AM



#12

1,3-Dichlorobenzene
 Concen: 38.221 ng
 RT: 6.55 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		909069		
148	66.0	52.6	78.8		
75	29.5	22.6	34.0		





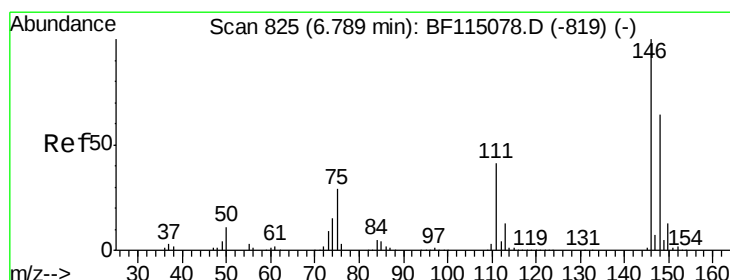
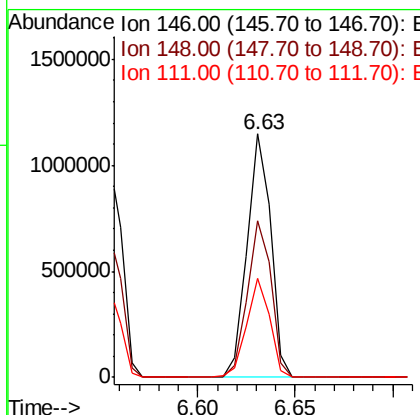
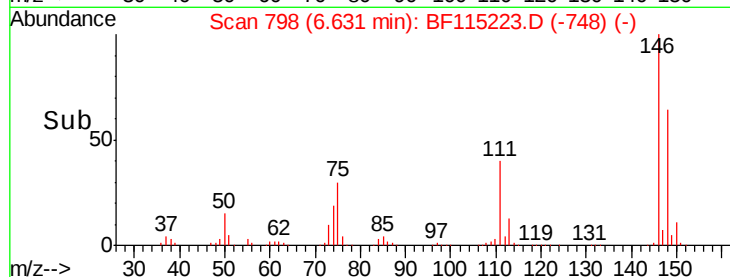
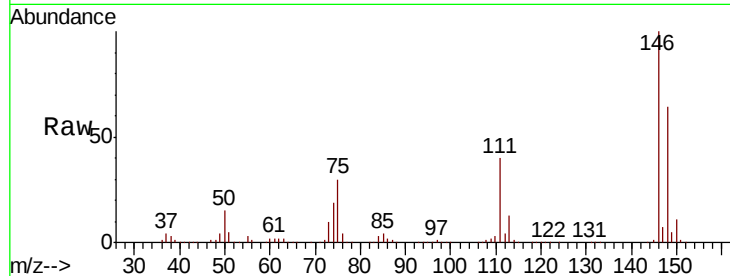
#13
 1,4-Dichlorobenzene
 Concen: 40.503 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	40.4	31.4	47.0

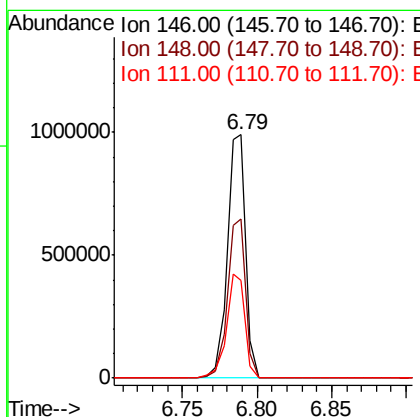
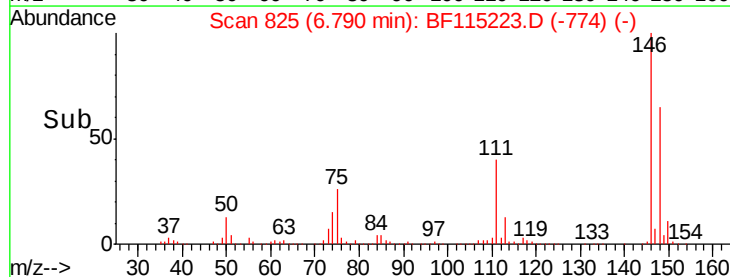
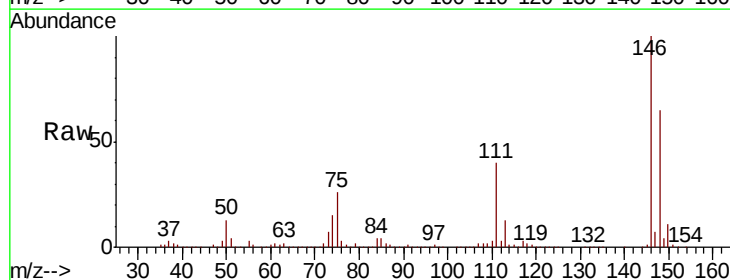
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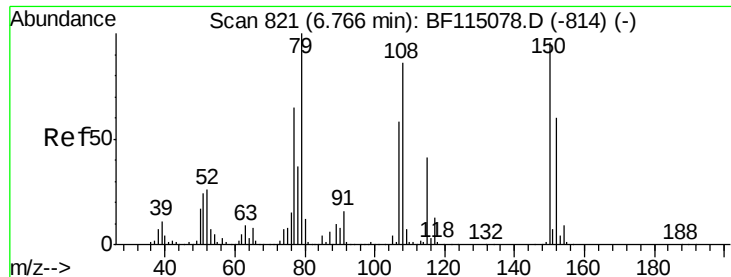
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.010 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	39.9	33.2	49.8





#15

Benzyl Alcohol

Concen: 25.133 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

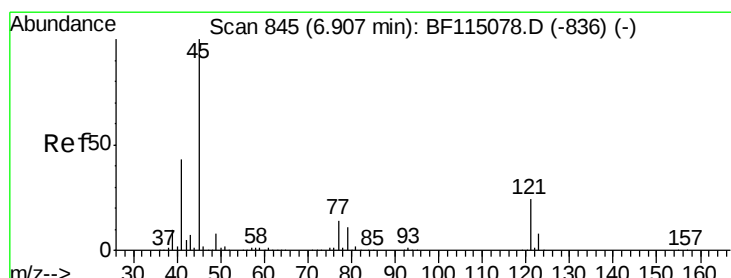
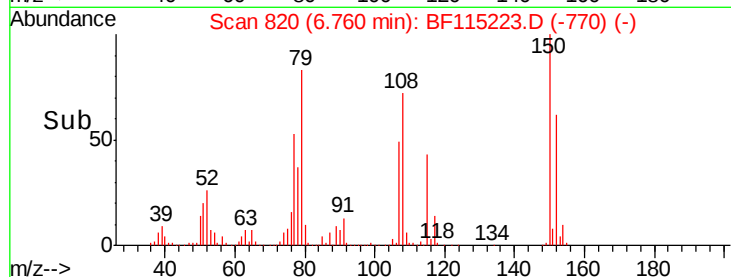
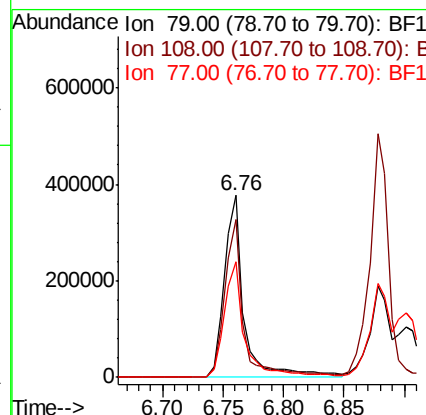
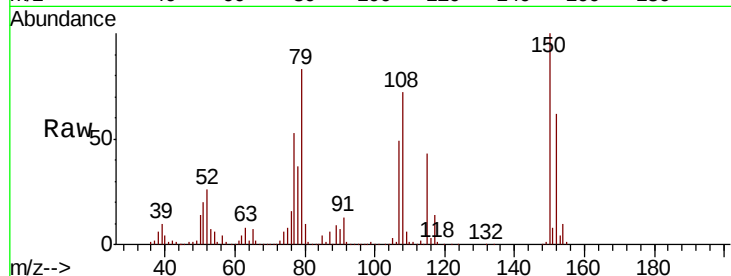
SS043MW010-190611MS

Tot Ion: 79 Resp: 423356

Ion	Ratio	Lower	Upper
79	100		
108	86.7	68.7	103.1
77	64.0	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.699 ng

RT: 6.90 min Scan# 844

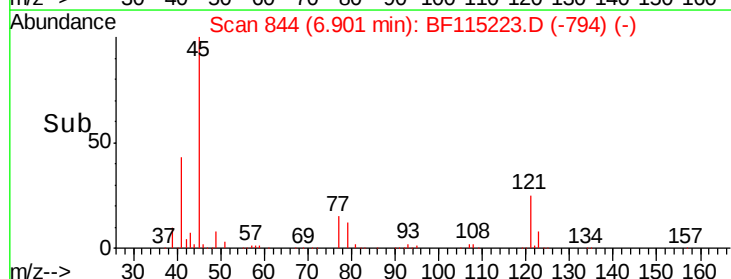
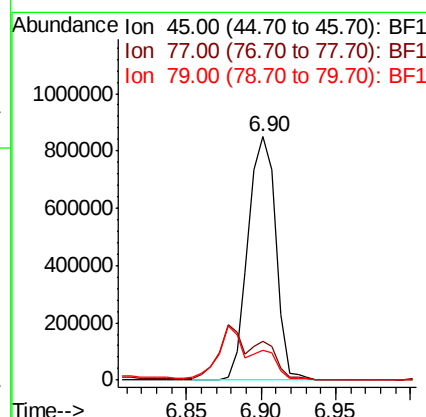
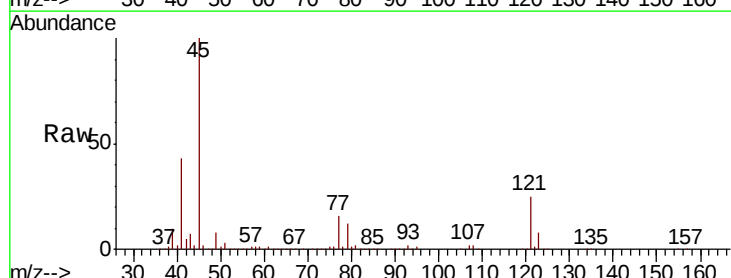
Delta R.T. -0.01 min

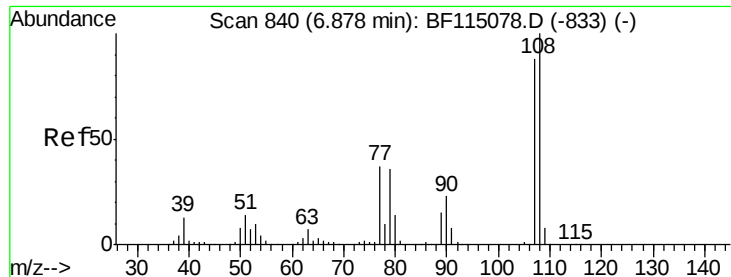
Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion: 45 Resp: 1092167

Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	34.6
79	12.2	0.0	31.2





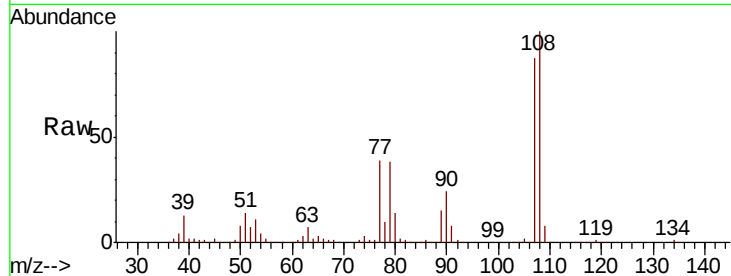
#17
2-Methylphenol
Concen: 27.085 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleID :
SS043MW010-190611MS

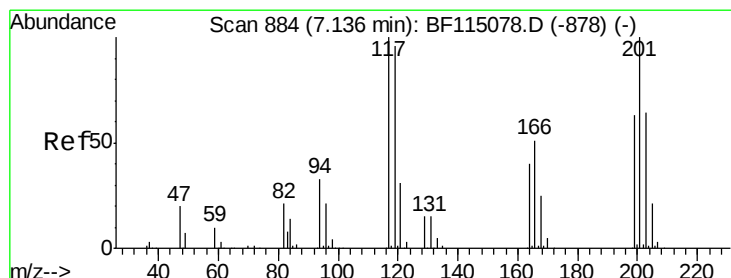
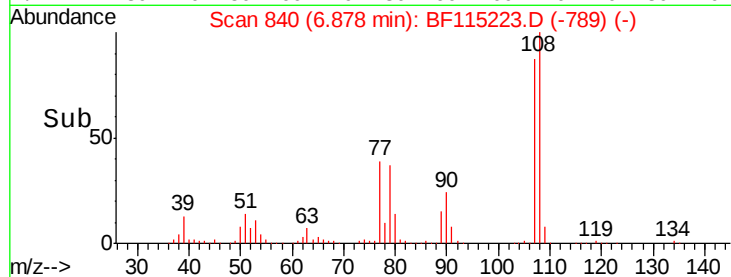
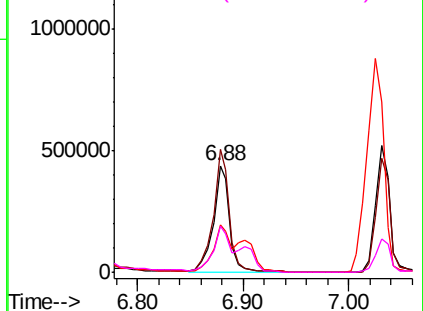
Tot Ion:	107	Resp:	479120
Ion Ratio	Lower	Upper	
107	100		
108	115.3	90.9	136.3
77	44.7	33.4	50.2
79	43.3	32.3	48.5

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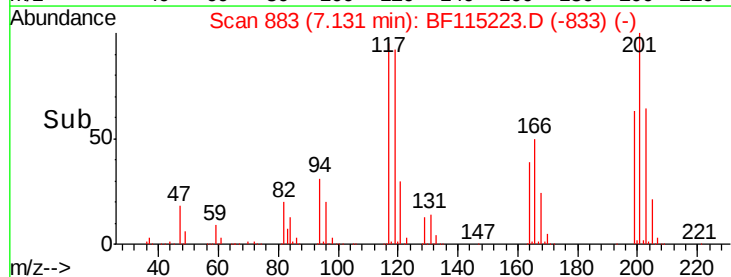
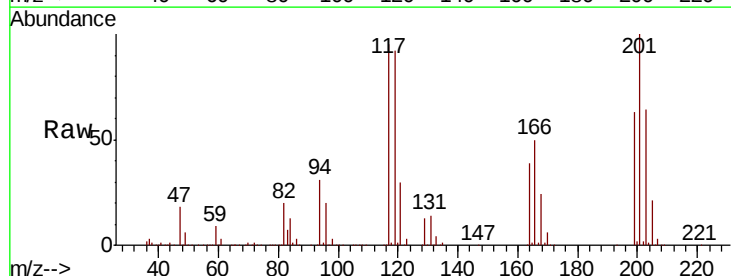
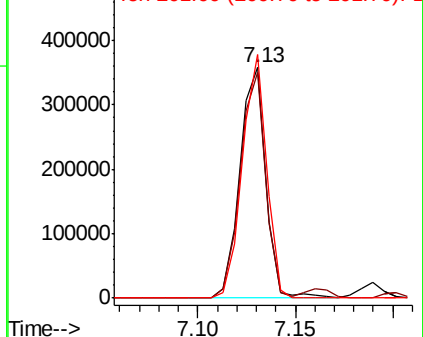
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

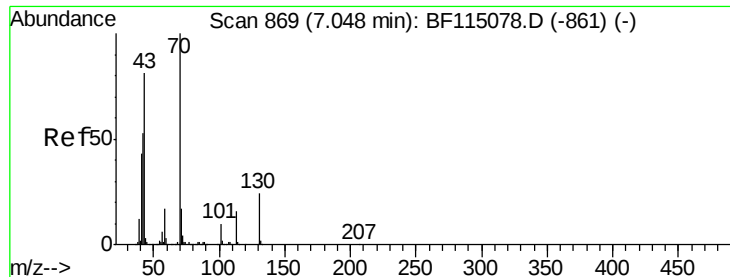


#18
Hexachloroethane
Concen: 38.300 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:	117	Resp:	329323
Ion Ratio	Lower	Upper	
117	100		
119	97.7	76.6	114.8
201	105.7	80.2	120.2

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.030 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

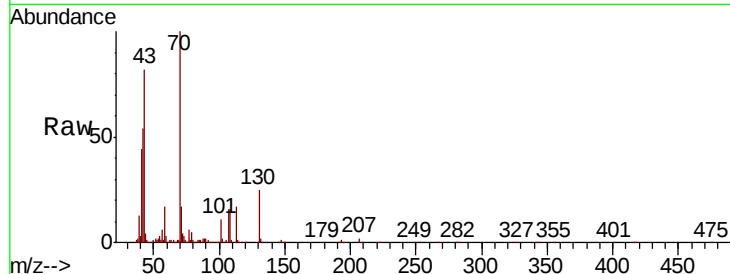
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	70	Resp:	563227
Ion Ratio	Lower	Upper	
70	100		
42	53.8	42.6	63.8
101	10.7	8.0	12.0
130	25.3	19.4	29.0

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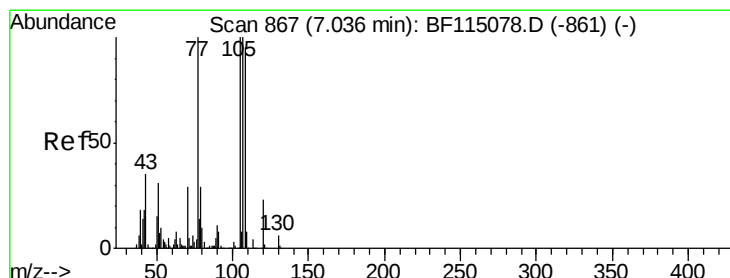
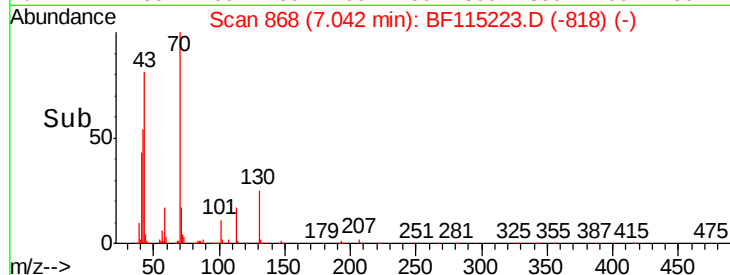
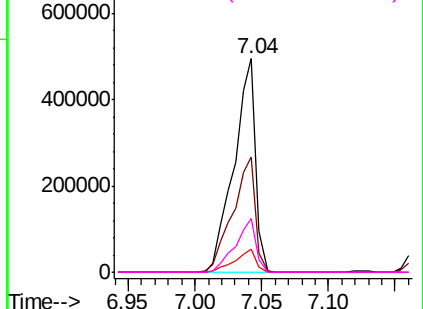


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 23.888 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

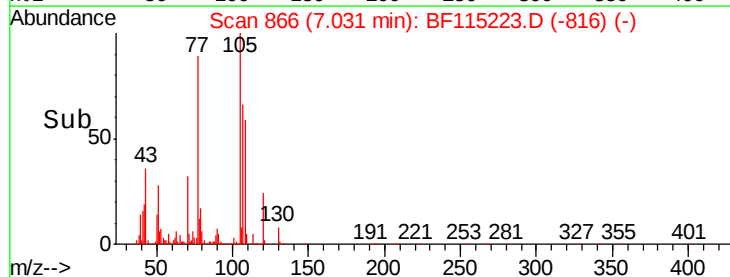
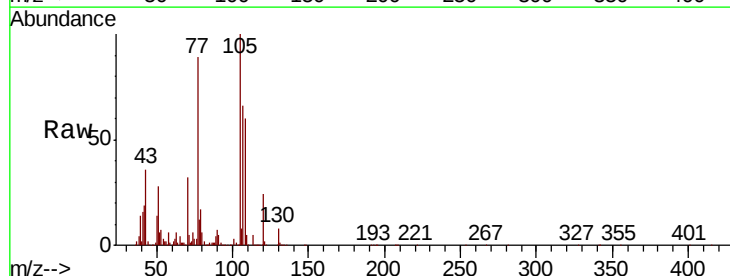
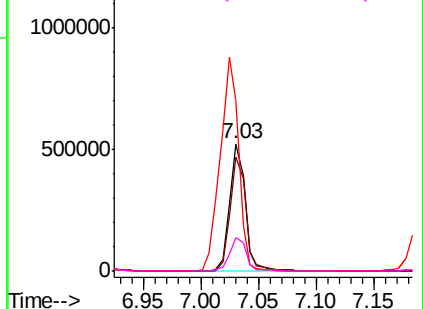
Tgt Ion:	107	Resp:	487930
Ion Ratio	Lower	Upper	
107	100		
108	89.9	75.5	115.5
77	134.4	80.2	120.2#
79	26.3	9.5	49.5

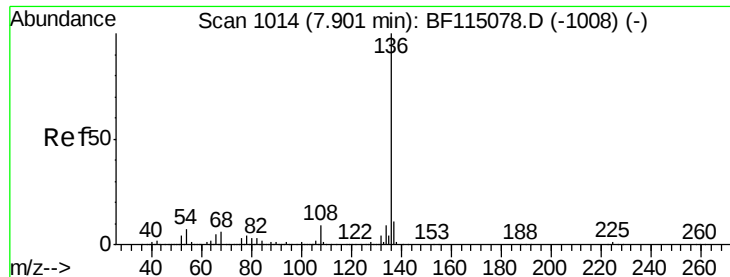
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





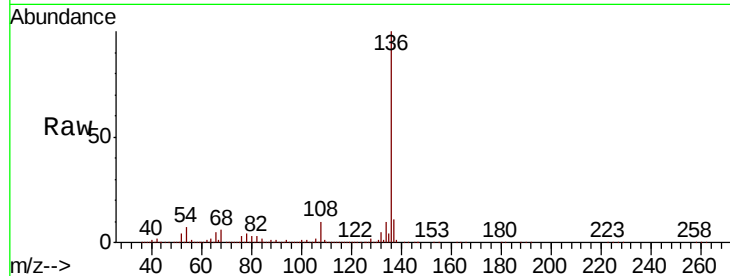
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	136	Resp	1138999
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.8	5.6	8.4
68	6.0	4.8	7.2

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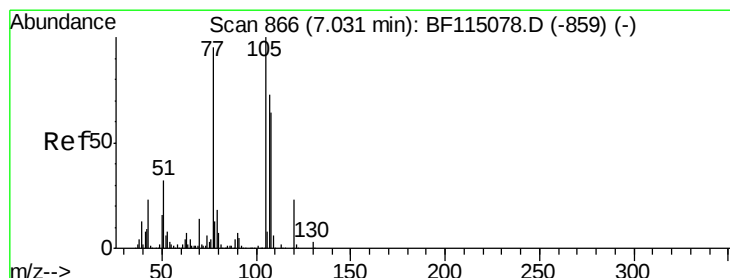
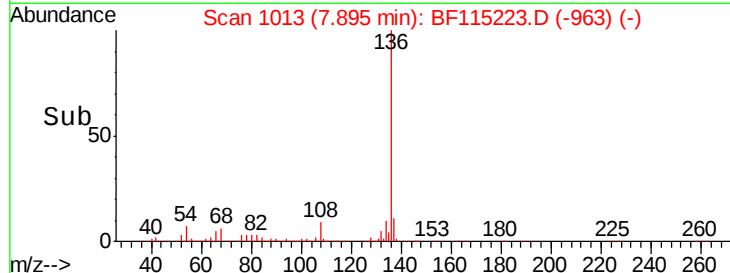
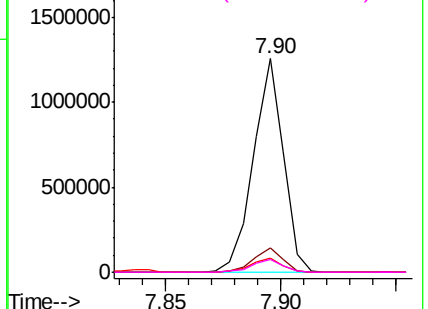
Abundance

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: 43.770 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	105	Resp	1141331
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.9	2.9#
51	26.4	25.8	38.8
120	23.5	18.5	27.7

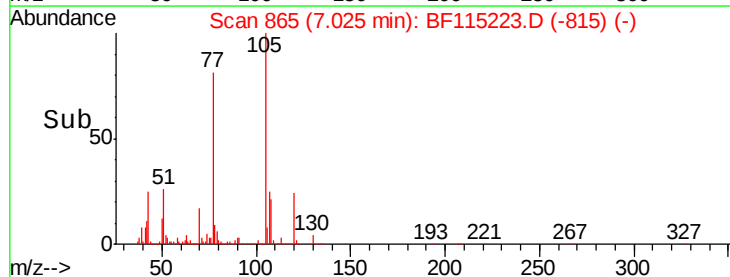
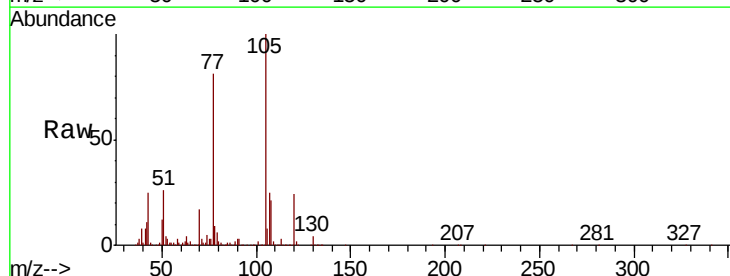
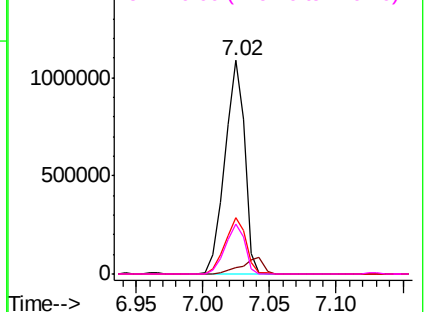
Abundance

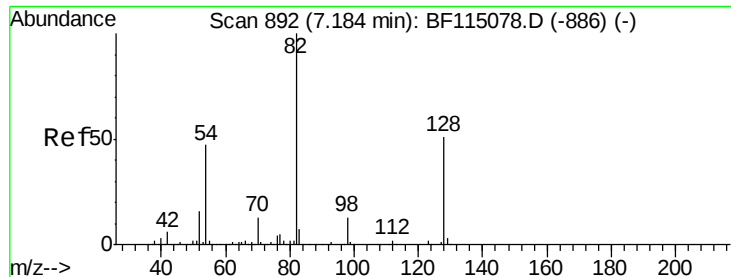
Ion 105.00 (104.70 to 105.70): E

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





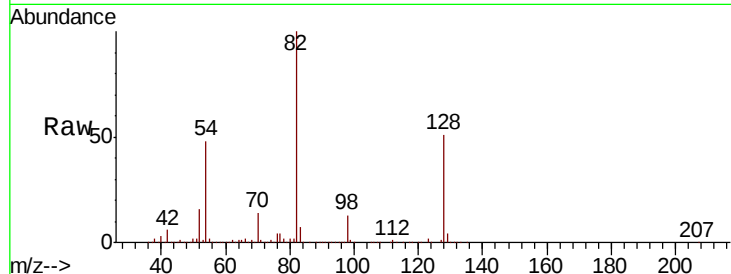
#23
 Nitrobenzene-d5
 Concen: 88.439 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

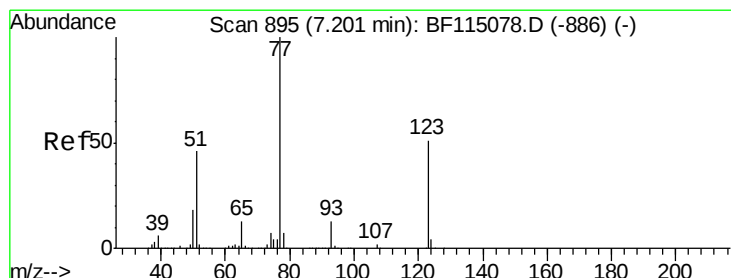
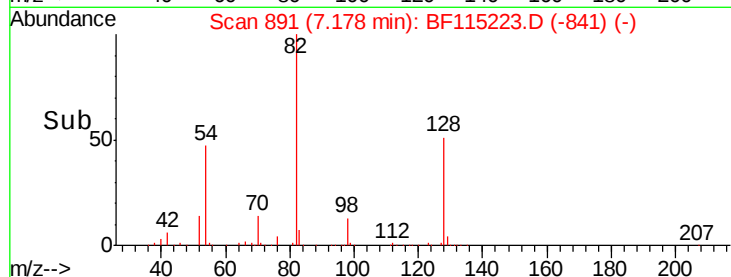
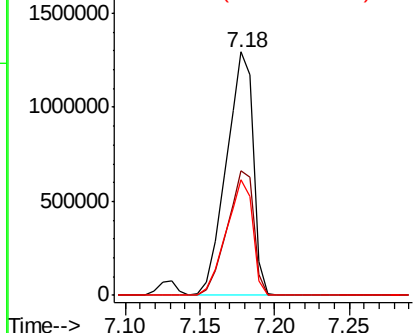
Tot Ion: 82 Resp: 1637509
 Ion Ratio Lower Upper
 82 100
 128 51.0 40.4 60.6
 54 47.7 37.5 56.3

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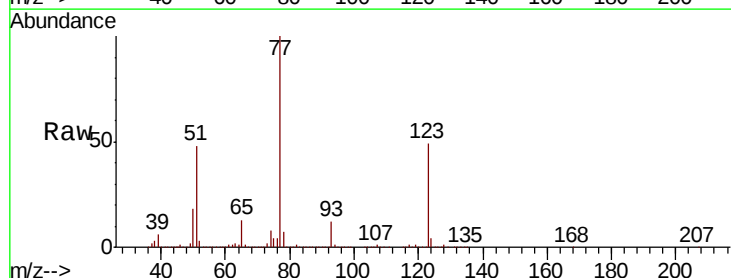


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

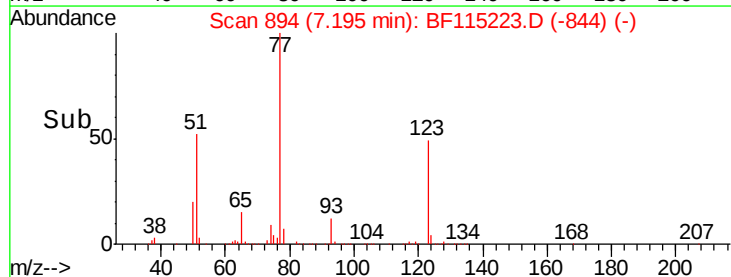
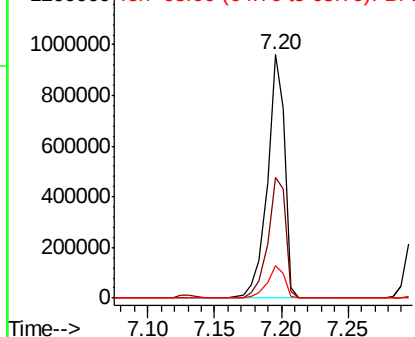


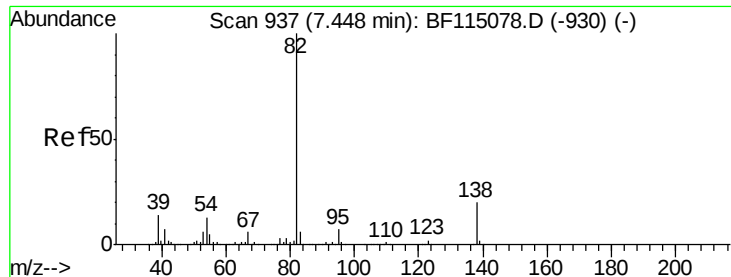
#24
 Nitrobenzene
 Concen: 42.079 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion: 77 Resp: 858344
 Ion Ratio Lower Upper
 77 100
 123 49.4 41.0 61.6
 65 13.2 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: 41.069 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MS

Tot Ion: 82 Resp: 1557753

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

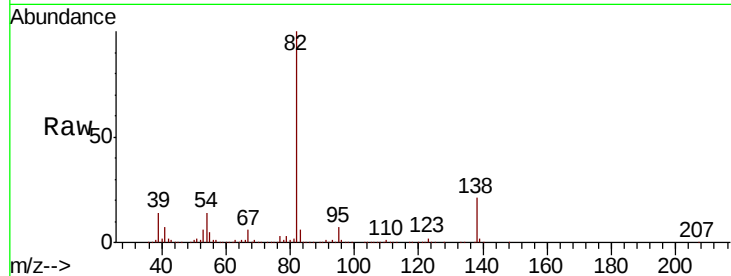
138 20.9 15.9 23.9

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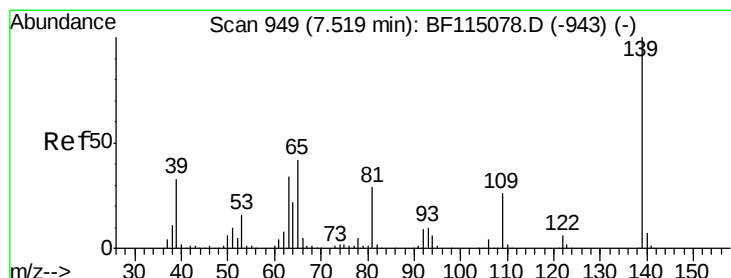
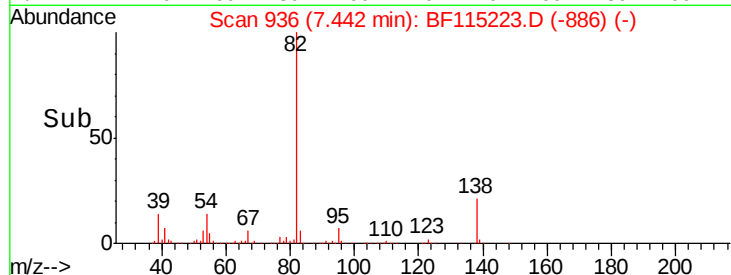
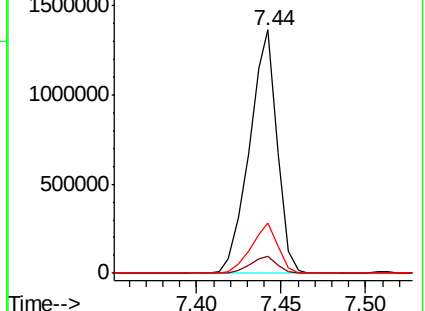
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.450 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

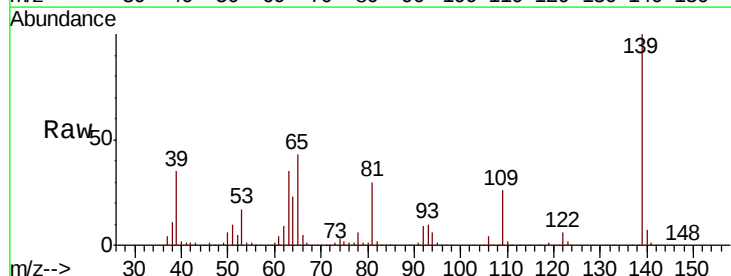
Tgt Ion: 139 Resp: 447776

Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

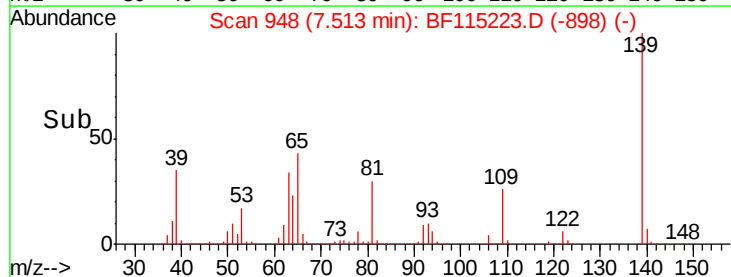
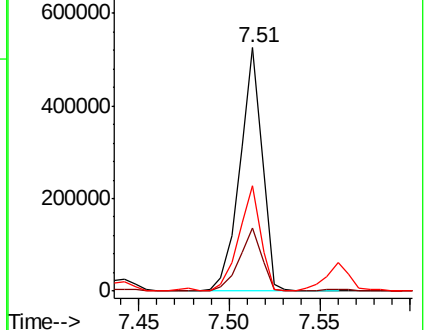
65 43.5 33.6 50.4

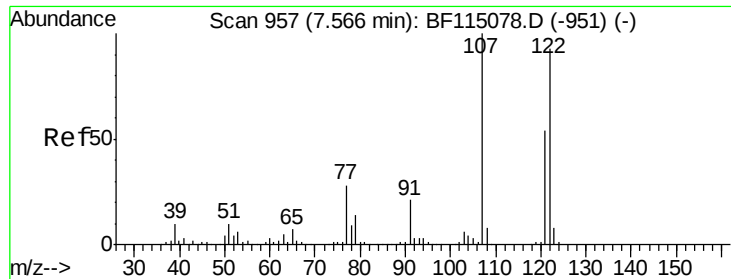


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.625 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

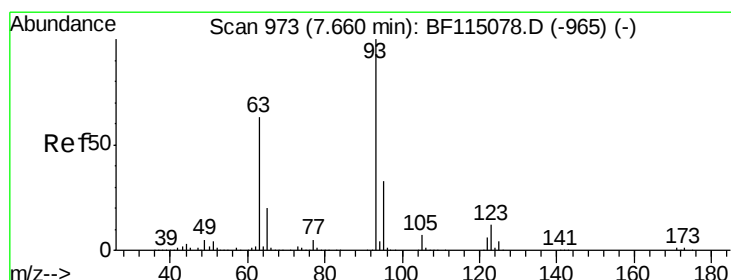
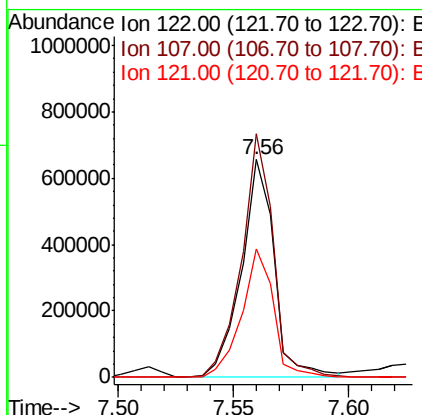
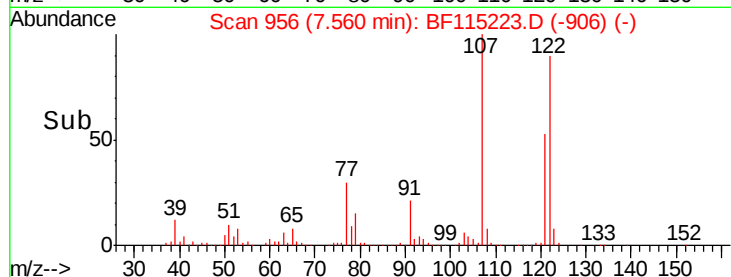
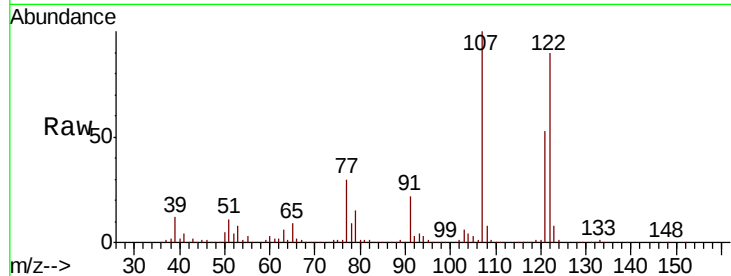
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	122	Resp:	653549
Ion Ratio	Lower	Upper	
122	100		
107	111.7	85.8	128.6
121	58.9	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.037 ng

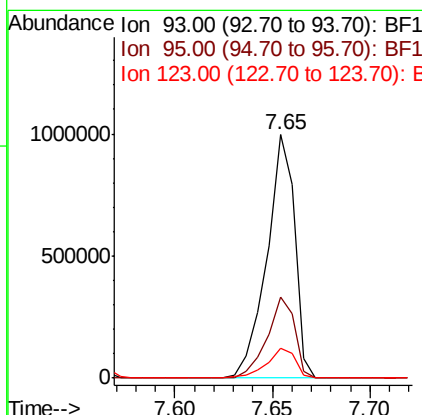
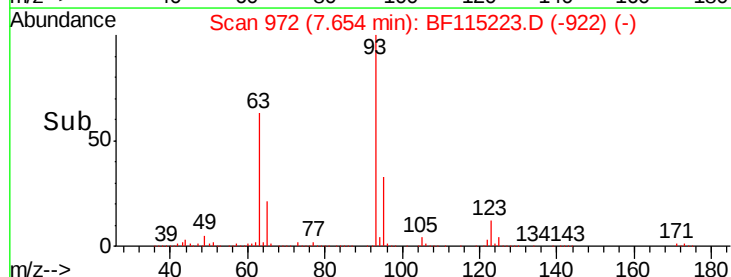
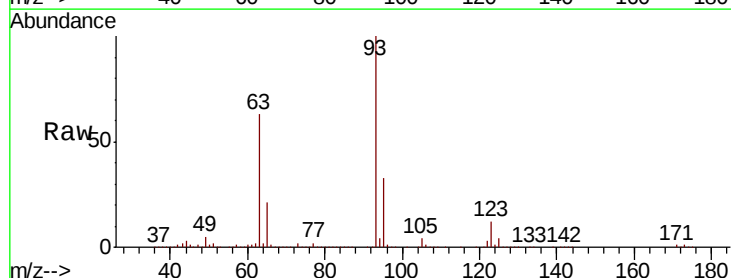
RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion:	93	Resp:	983791
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.4
123	12.2	9.7	14.5





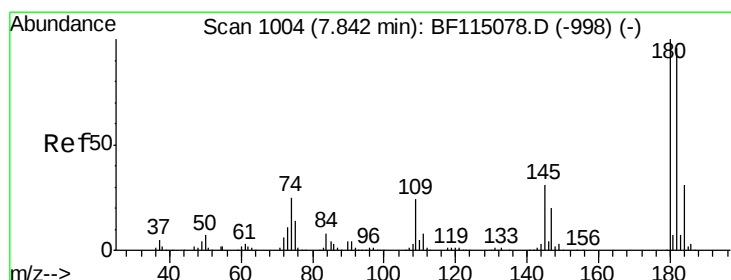
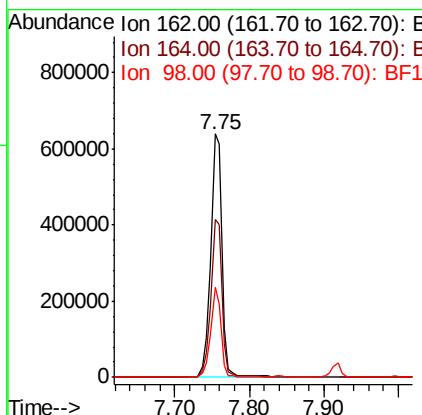
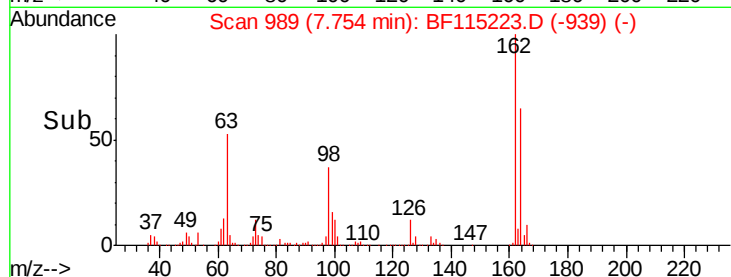
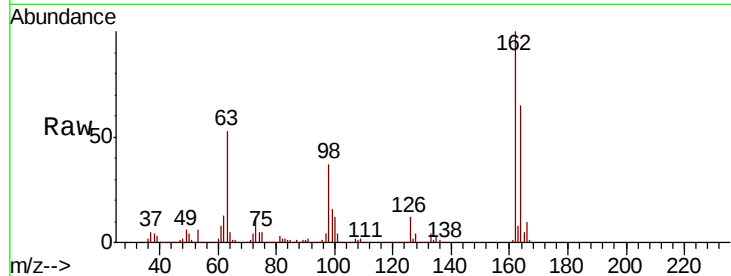
#29
2,4-Dichlorophenol
Concen: 39.131 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.3	85.3
98	36.9	12.5	52.5

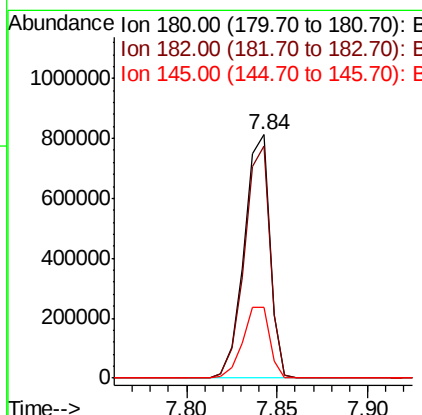
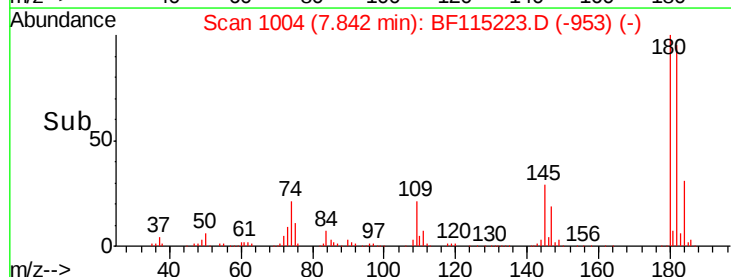
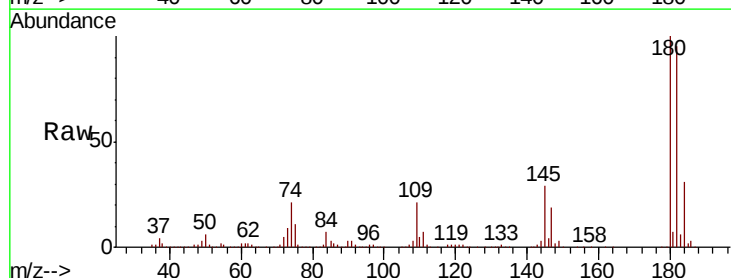
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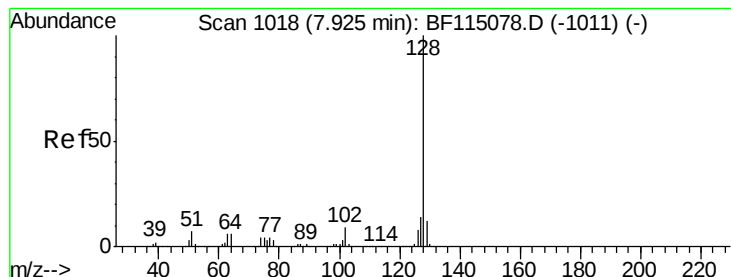
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#30
1,2,4-Trichlorobenzene
Concen: 42.592 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	28.9	24.8	37.2





#31

Naphthalene

Concen: 41.519 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MS

Tot Ion:128 Resp: 2321331

Ion Ratio Lower Upper

128 100

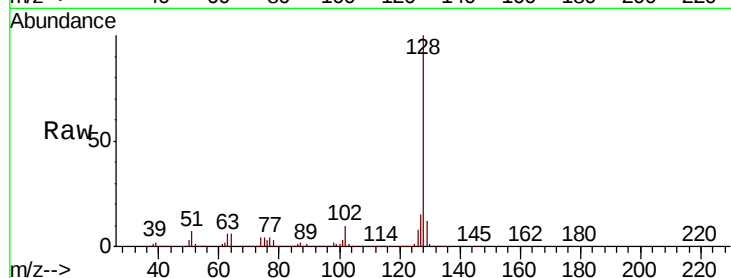
129 12.3 9.6 14.4

127 14.7 11.4 17.0

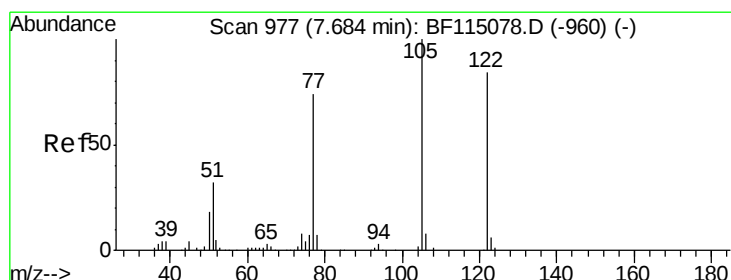
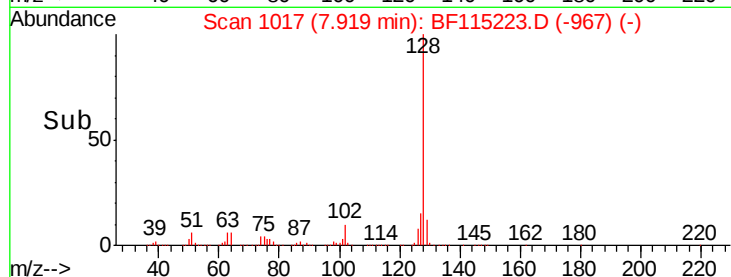
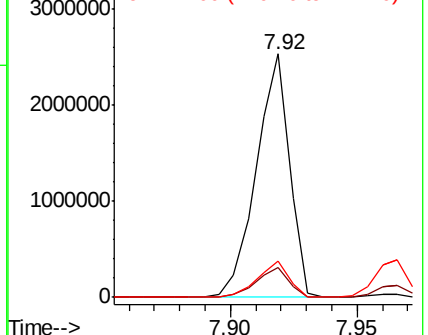
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.547 ng

RT: 7.65 min Scan# 971

Delta R.T. -0.04 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

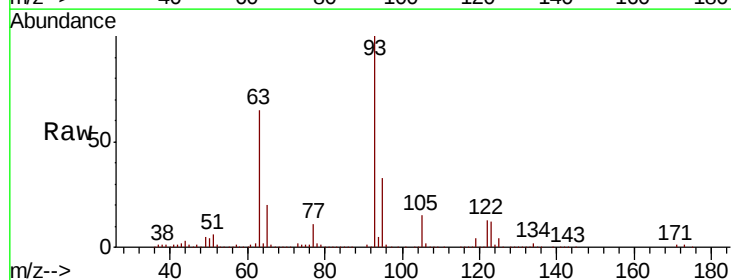
Tgt Ion:122 Resp: 135947

Ion Ratio Lower Upper

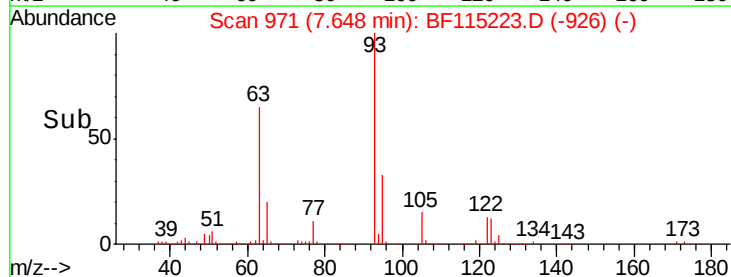
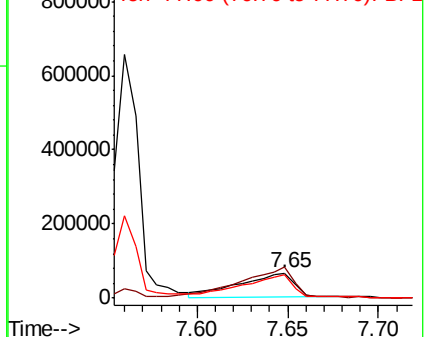
122 100

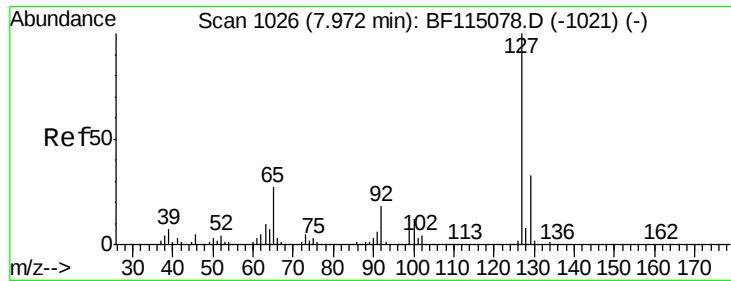
105 120.8 98.2 138.2

77 90.9 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





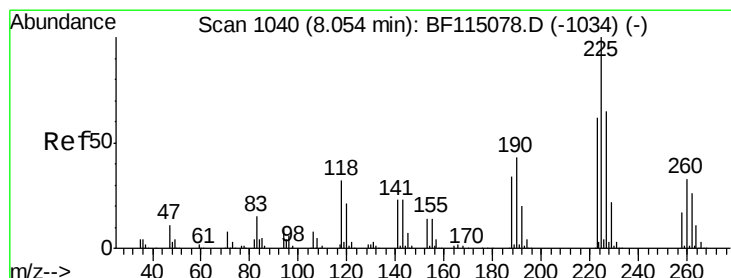
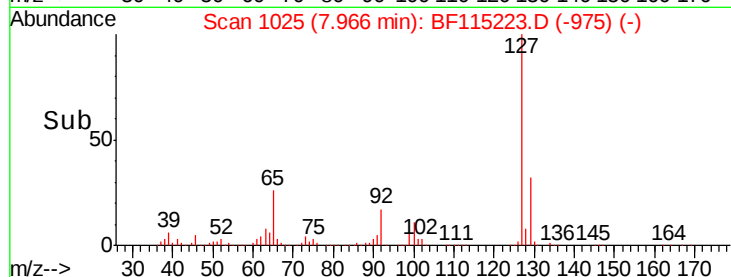
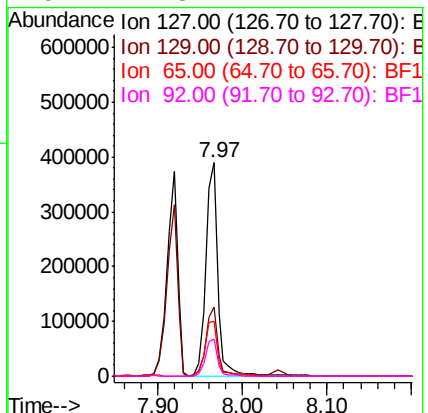
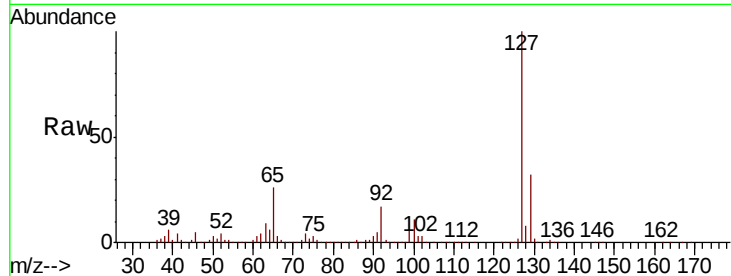
#33
4-Chloroaniline
Concen: 14.966 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	25.9	21.4	32.2
92	17.3	14.1	21.1

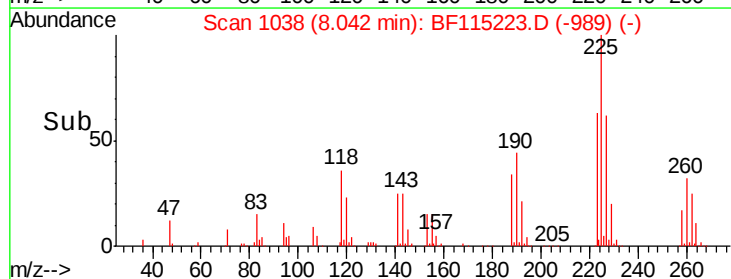
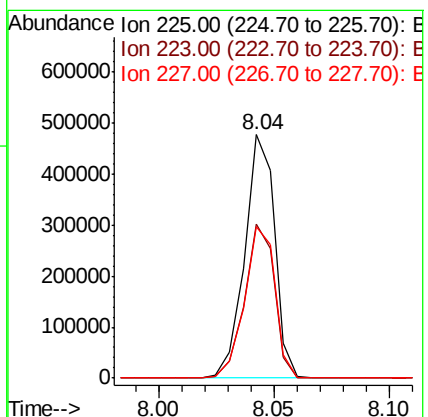
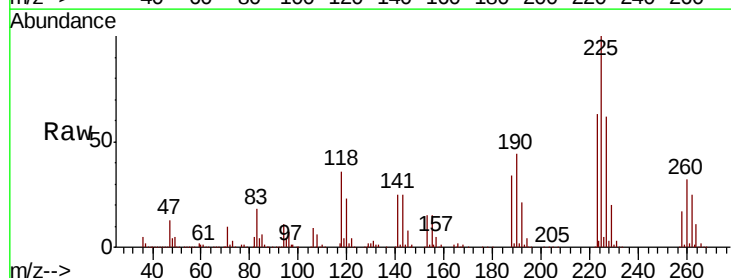
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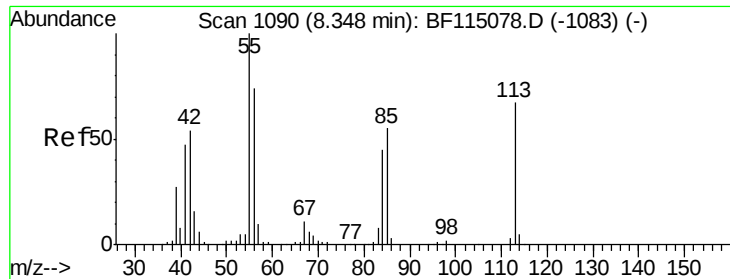
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#34
Hexachlorobutadiene
Concen: 42.055 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	62.3	51.8	77.8





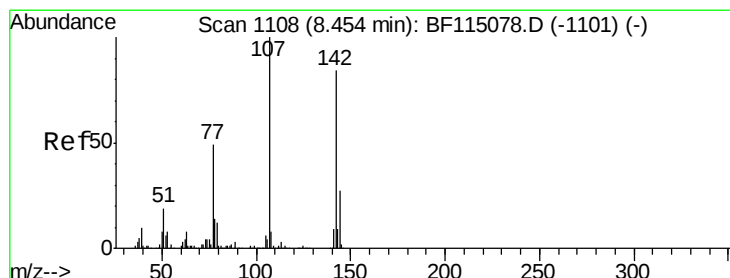
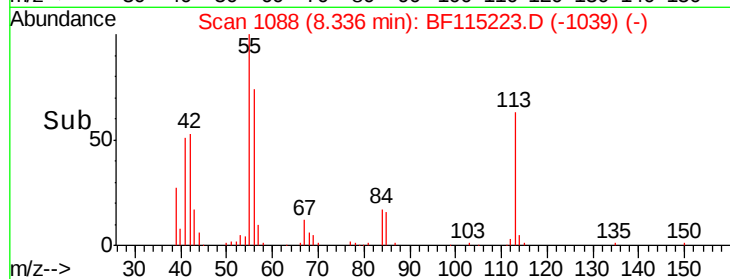
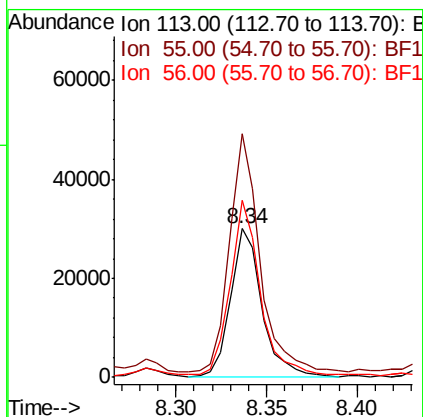
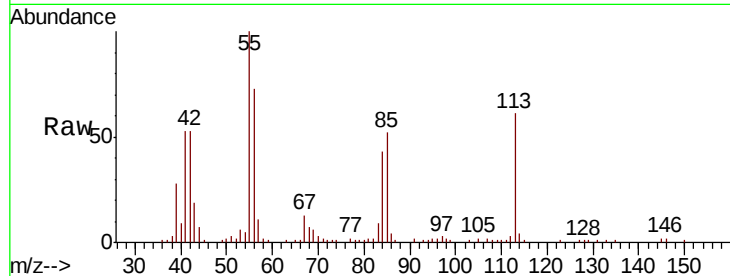
#35
 Caprolactam
 Concen: 6.393 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion:113 Resp: 36582
 Ion Ratio Lower Upper
 113 100
 55 163.8 130.2 170.2
 56 118.9 91.6 131.6

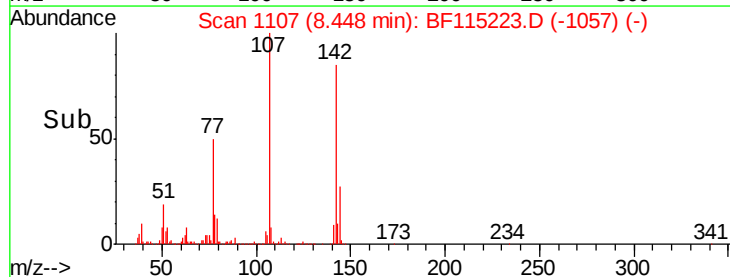
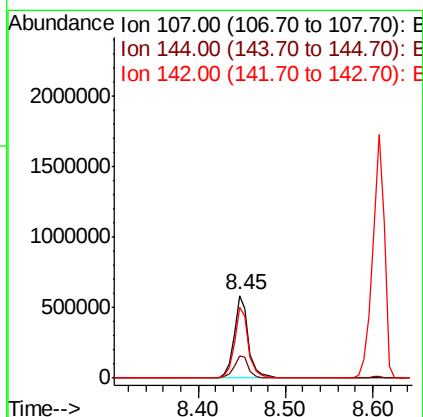
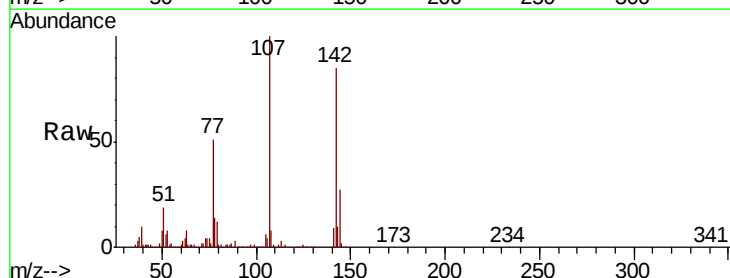
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#36
 4-Chloro-3-methylphenol
 Concen: 37.553 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion:107 Resp: 647334
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.7 32.5
 142 85.4 67.0 100.4





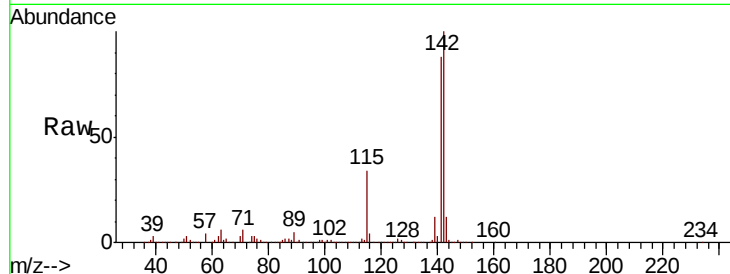
#37
2-Methylnaphthalene
Concen: 42.860 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	88.5	69.8	104.6	
115	34.4	26.7	40.1	

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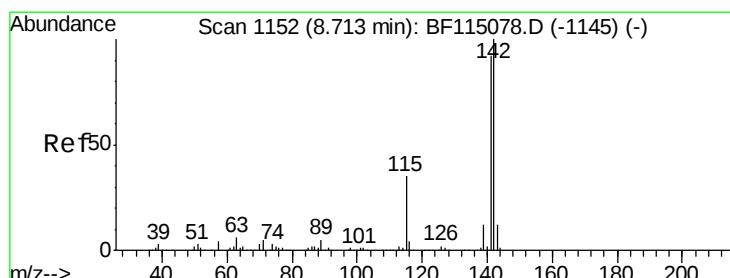
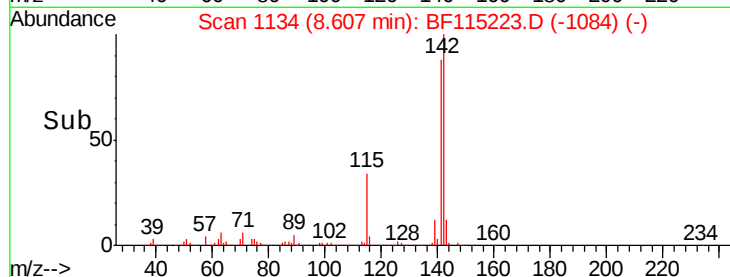
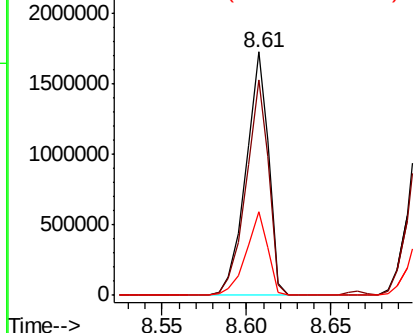


Abundance

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: 44.110 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

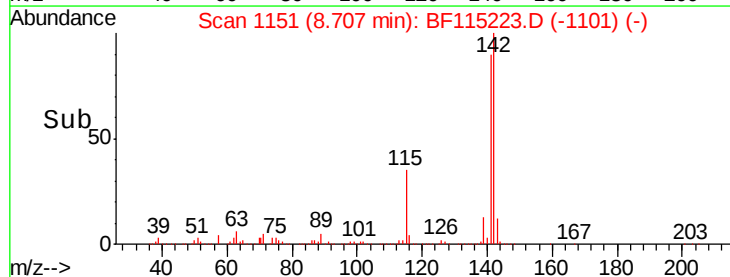
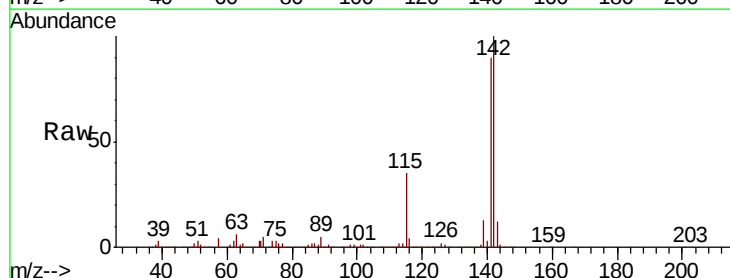
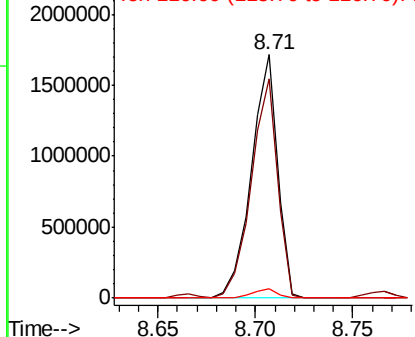
Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	90.0	73.8	110.8	
116	3.6	2.8	4.2	

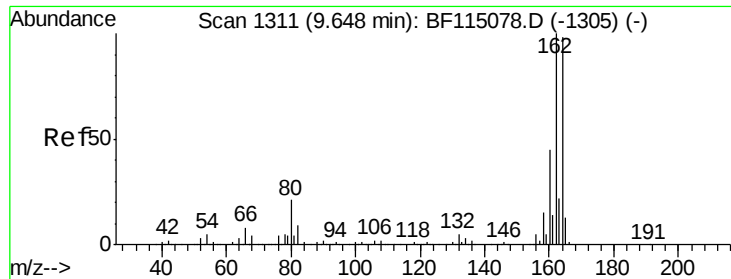
Abundance

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





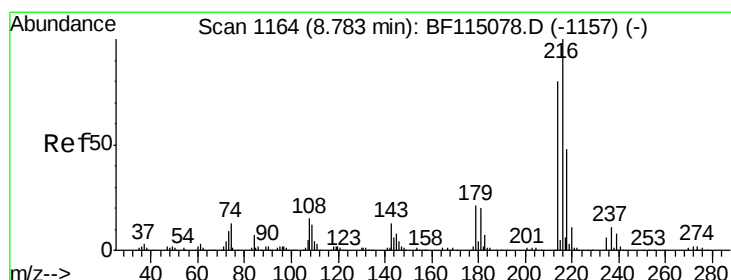
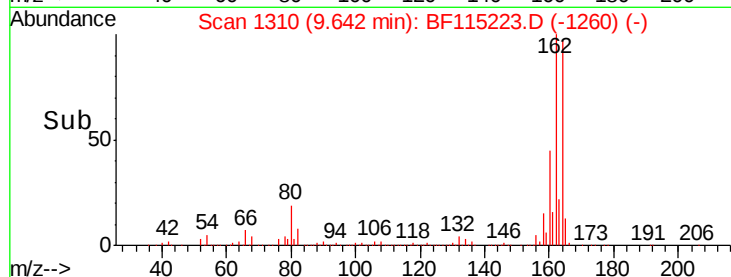
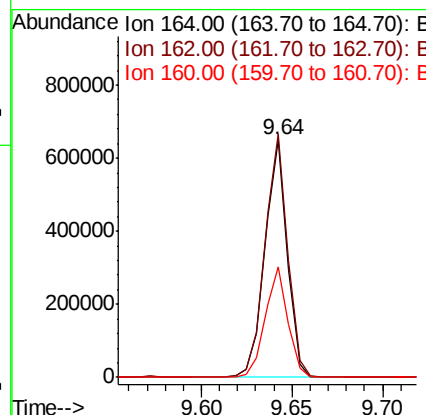
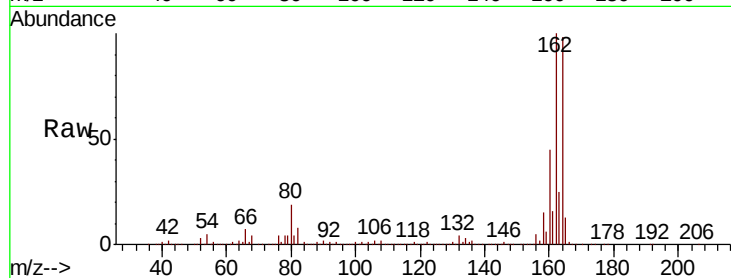
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	81.7	122.5	
160	46.3	37.0	55.4	

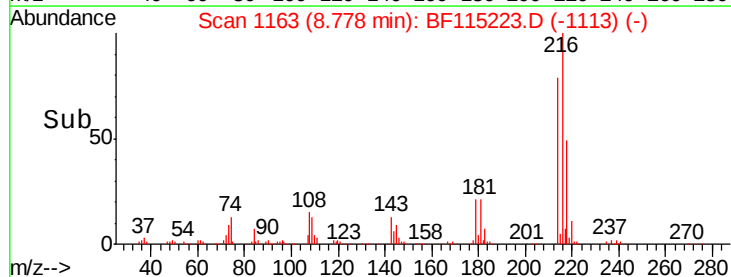
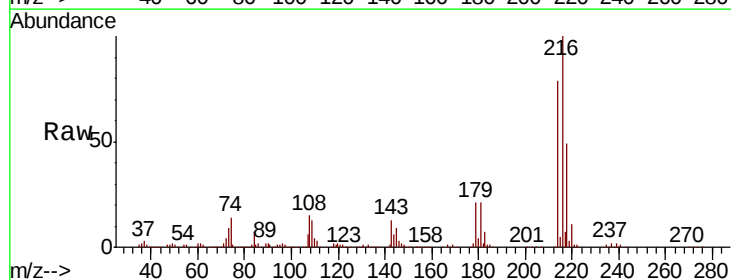
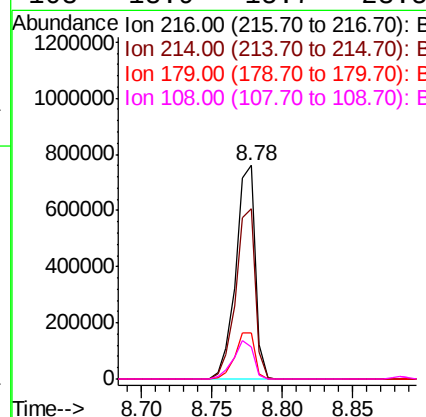
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.314 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.8	95.6	
179	22.1	17.6	26.4	
108	18.9	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 36.684 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

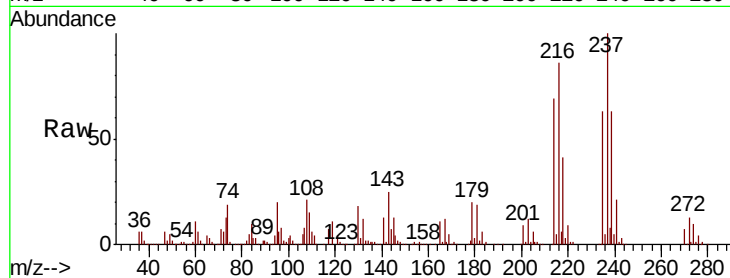
ClientSampleId :

SS043MW010-190611MS

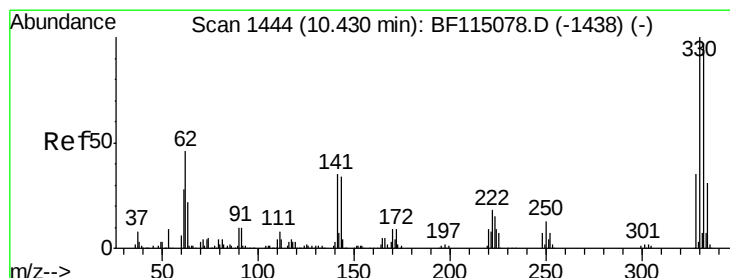
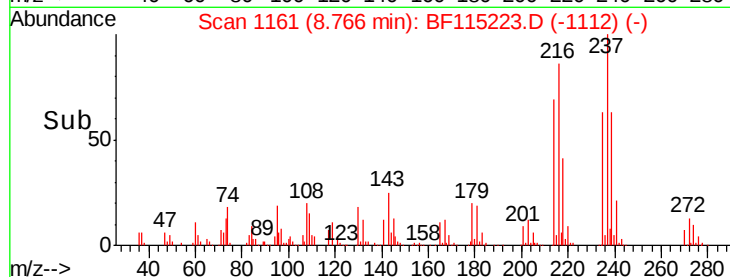
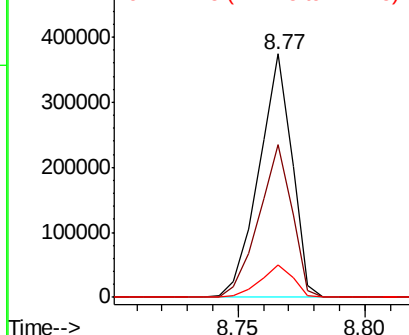
Tot Ion:	237	Resp:	342156
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.9	83.9
272	13.3	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 121.396 ng

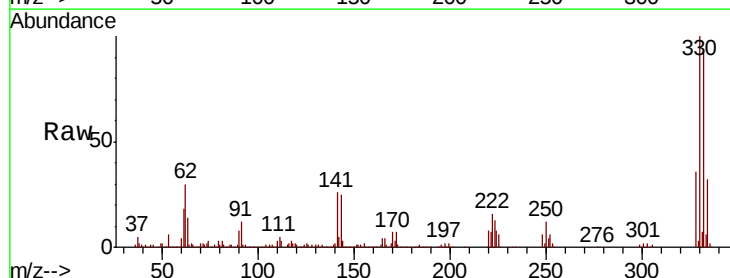
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

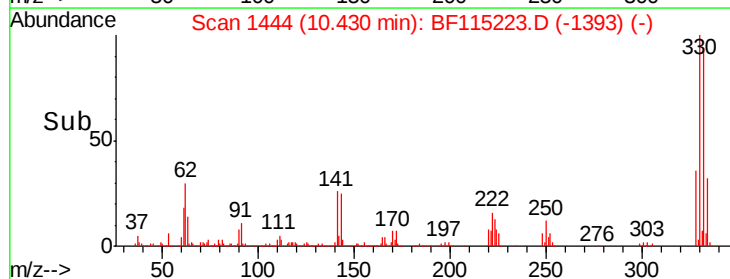
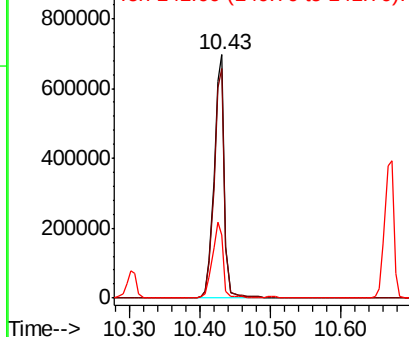
Lab File: BF115223.D

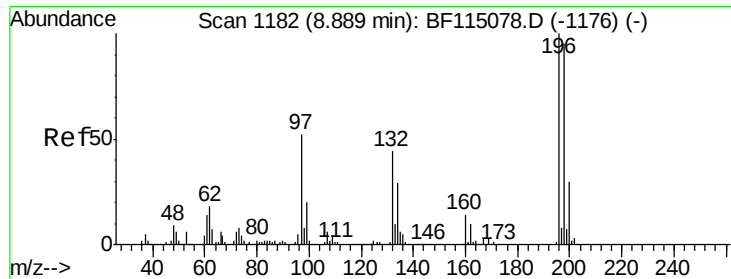
Acq: 26 Jun 2019 17:04

Tgt Ion:	330	Resp:	712601
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.3	115.9
141	32.6	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





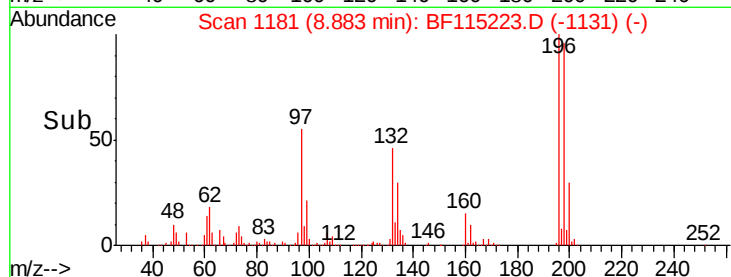
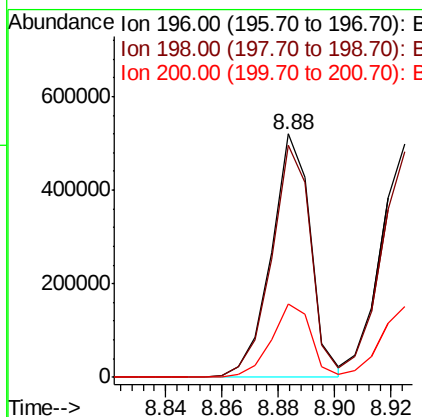
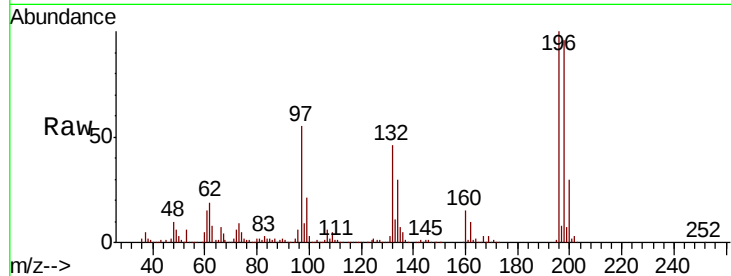
#43
 2,4,6-Trichlorophenol
 Concen: 41.210 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.3	114.5
200	30.1	24.2	36.4

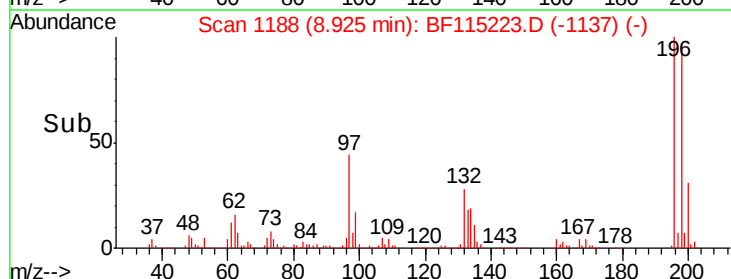
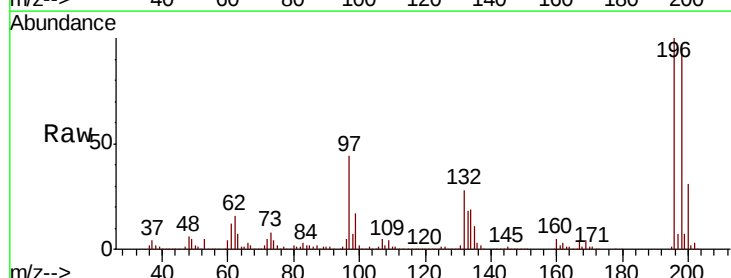
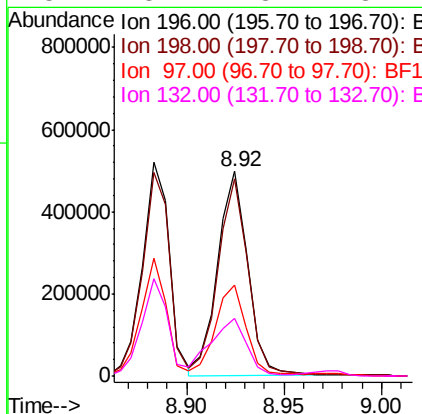
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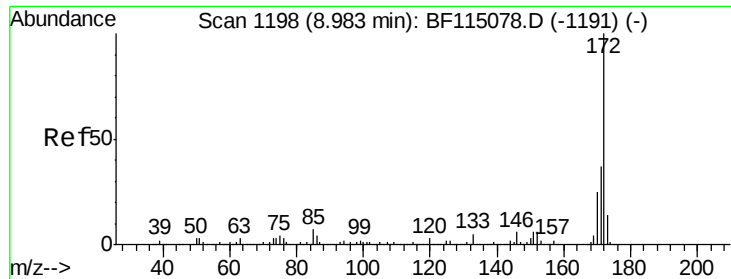
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#44
 2,4,5-Trichlorophenol
 Concen: 42.785 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
97	44.4	37.7	56.5
132	28.1	23.1	34.7





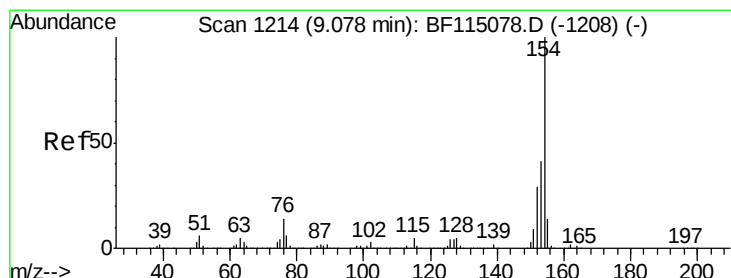
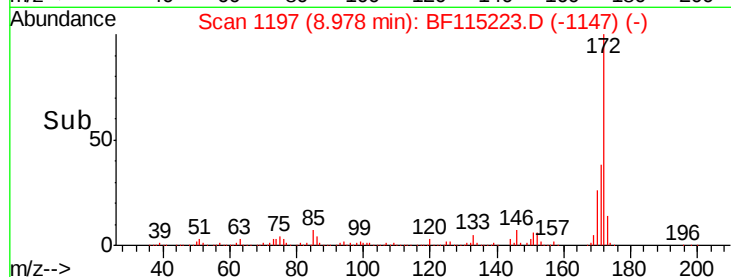
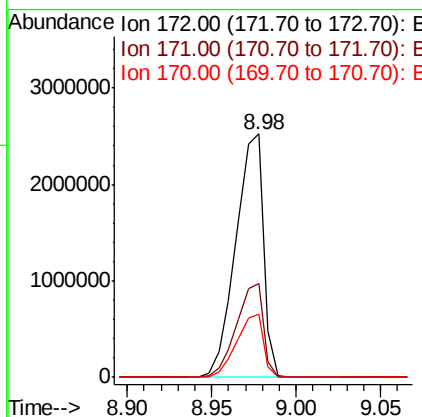
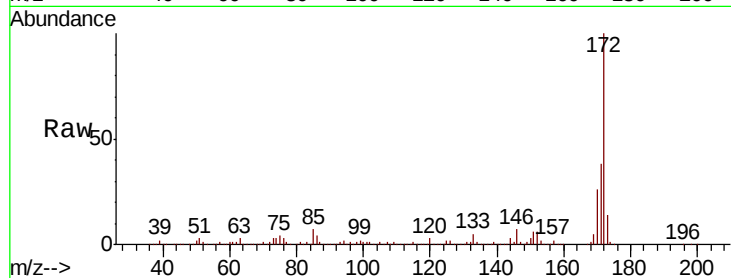
#45
2-Fluorobiphenyl
Concen: 88.013 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion:172 Resp: 2884214
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.6
170 26.0 20.3 30.5

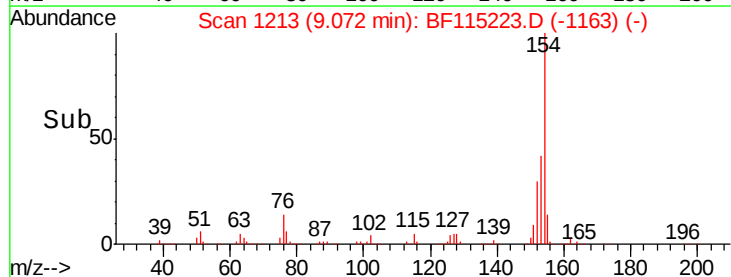
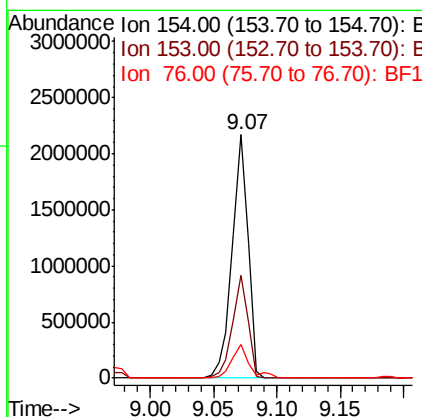
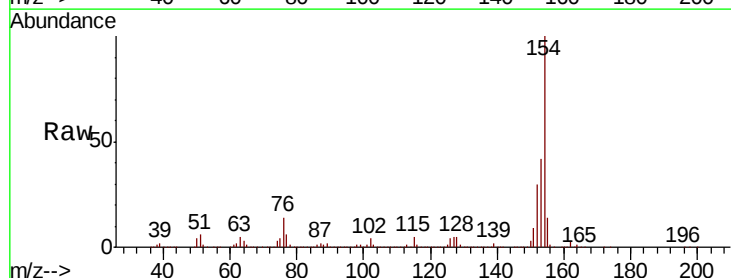
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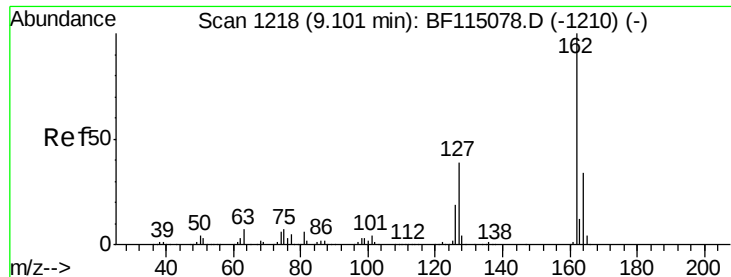
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#46
1,1'-Biphenyl
Concen: 42.010 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:154 Resp: 1871108
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 13.7 0.0 34.1





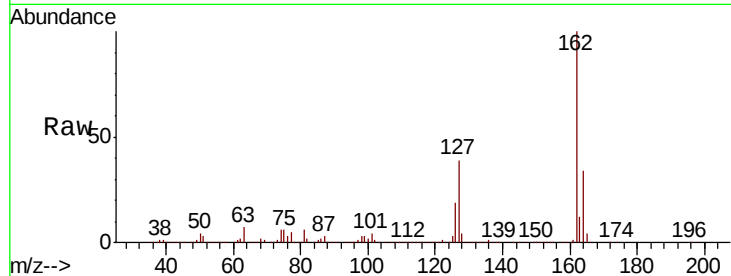
#47
2-Chloronaphthalene
Concen: 42.204 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

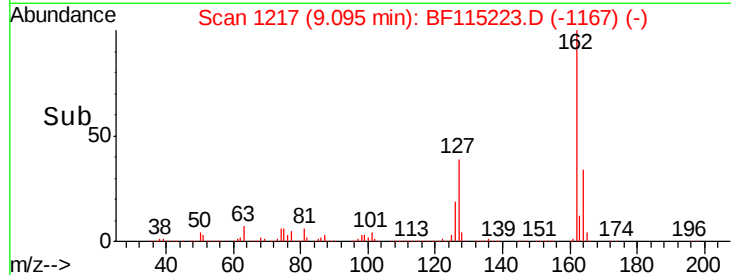
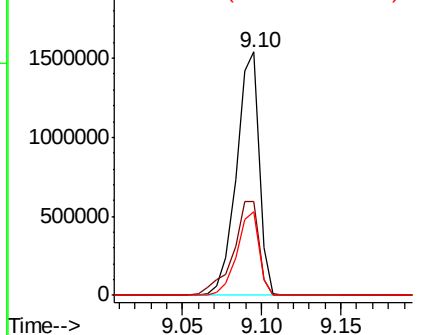
Tot Ion: 162 Resp: 1524775
Ion Ratio Lower Upper
162 100
127 38.7 30.8 46.2
164 34.3 27.0 40.4

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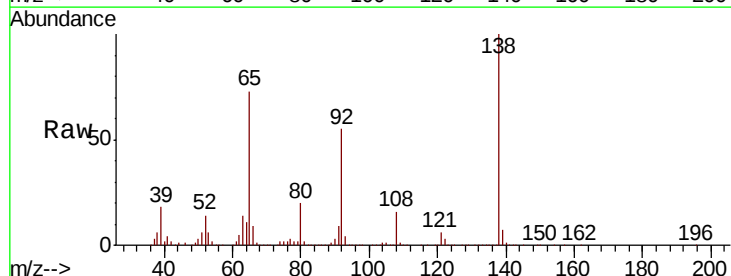
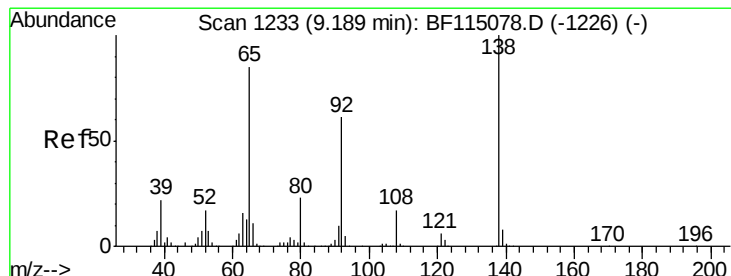
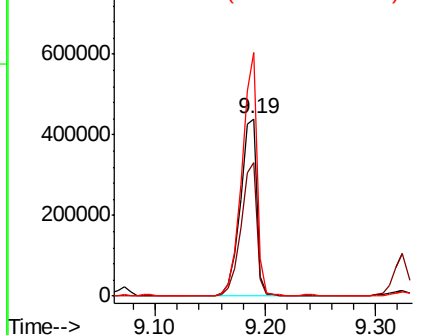
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

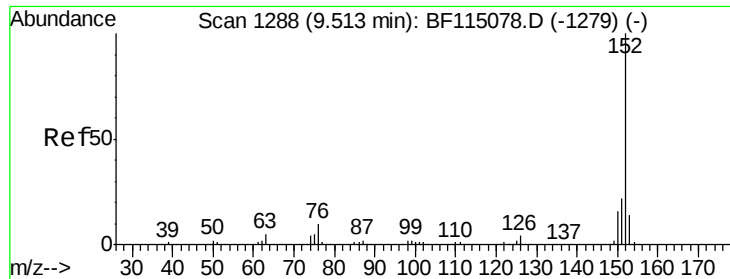


#48
2-Nitroaniline
Concen: 43.881 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion: 65 Resp: 462192
Ion Ratio Lower Upper
65 100
92 75.5 57.4 86.2
138 137.1 94.1 141.1

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





#49

Acenaphthylene

Concen: 41.063 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MS

Tot Ion:152 Resp: 2311408

Ion Ratio Lower Upper

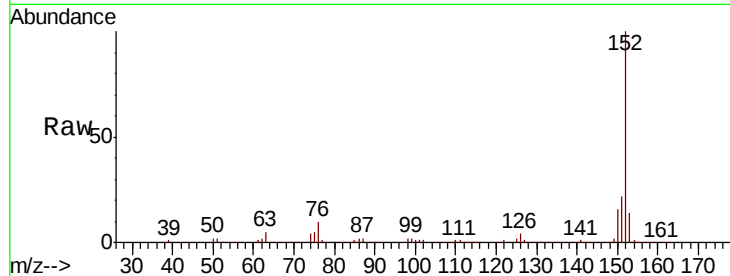
152 100

151 21.8 17.2 25.8

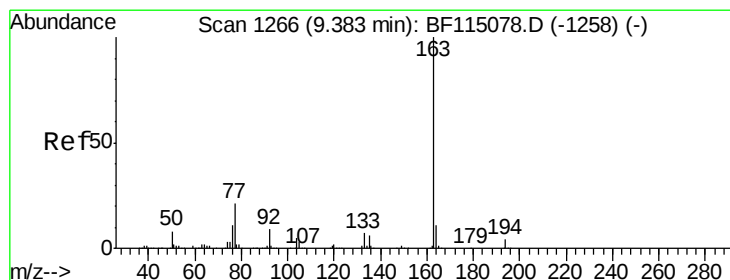
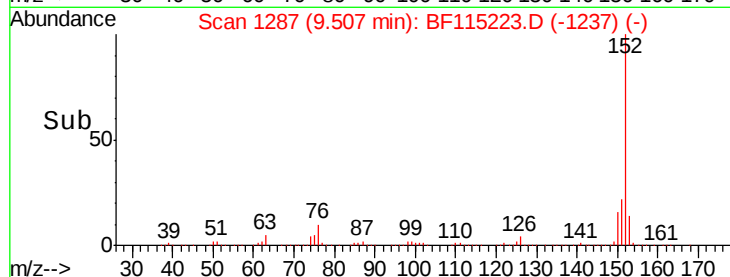
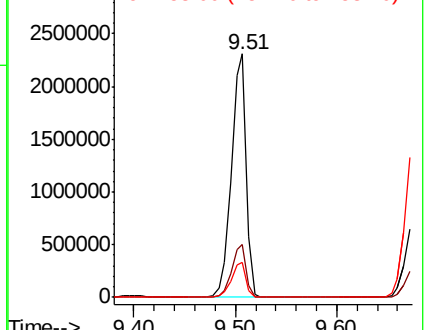
153 14.2 11.0 16.6

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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: 43.212 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

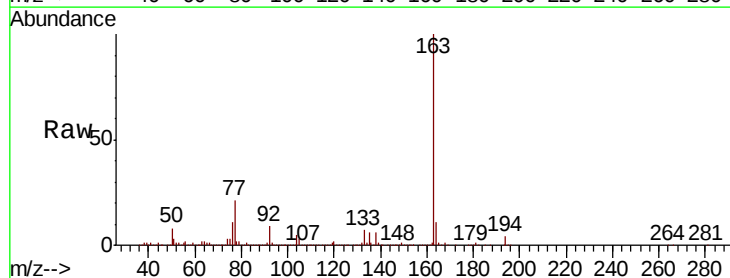
Tgt Ion:163 Resp: 1769709

Ion Ratio Lower Upper

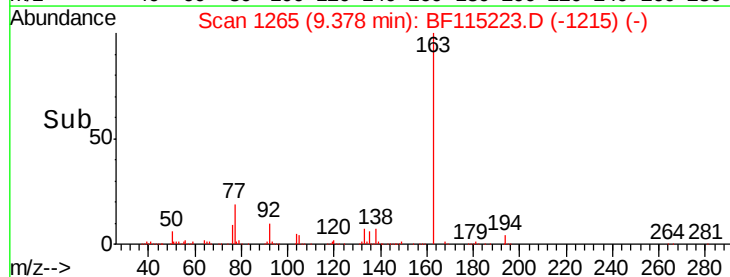
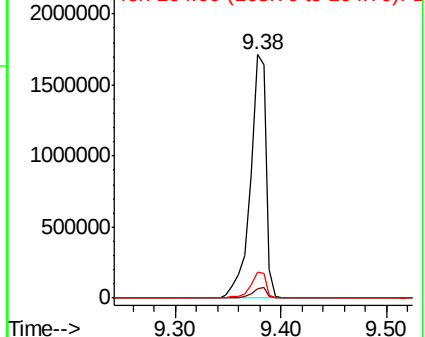
163 100

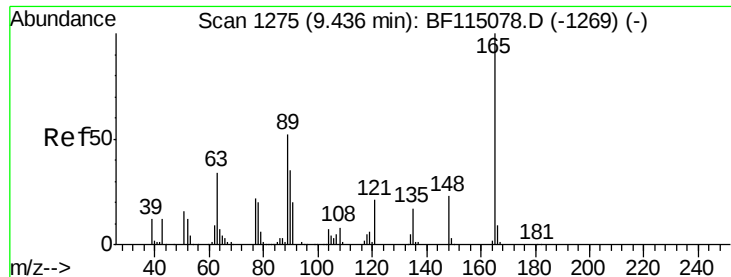
194 4.0 3.2 4.8

164 10.8 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





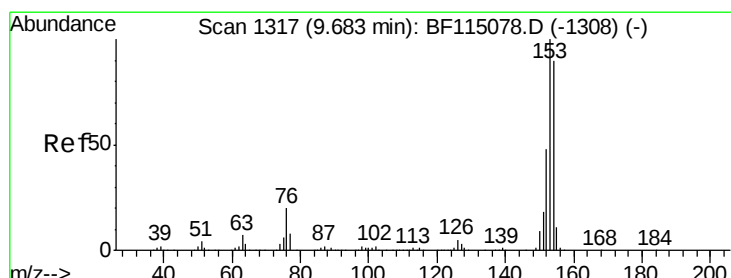
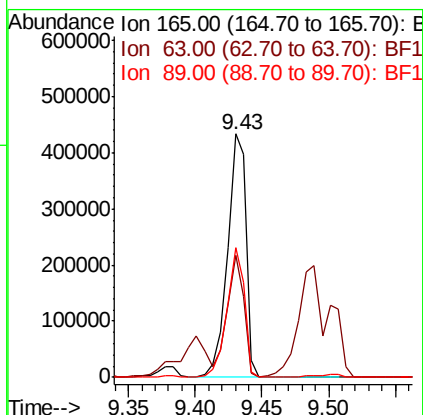
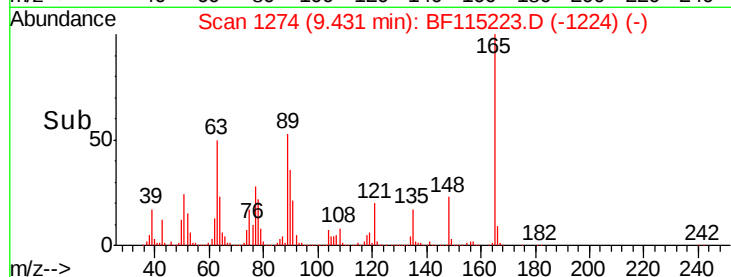
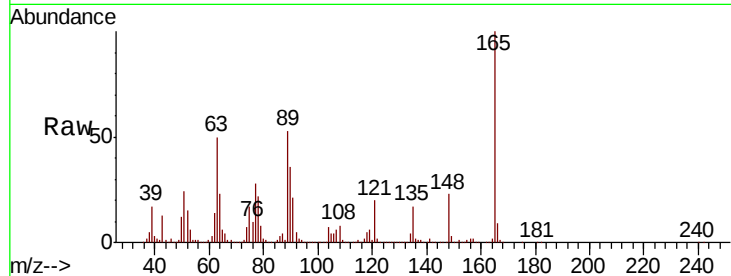
#51
 2,6-Dinitrotoluene
 Concen: 45.050 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	39.4	59.2
89	53.4	42.0	63.0

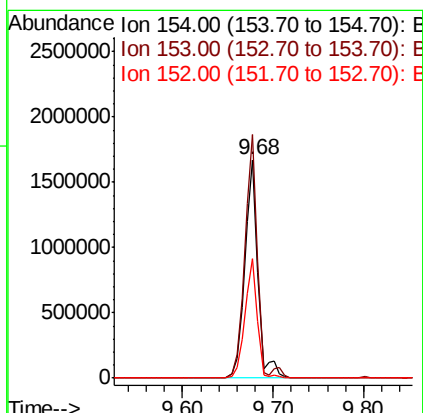
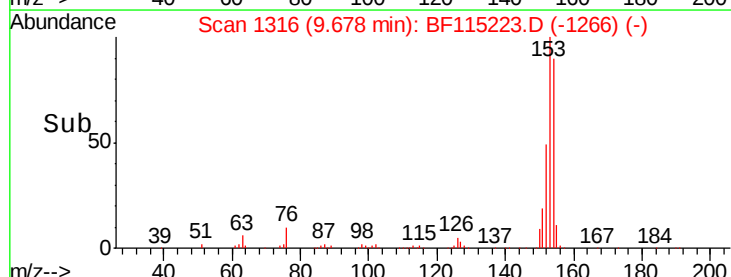
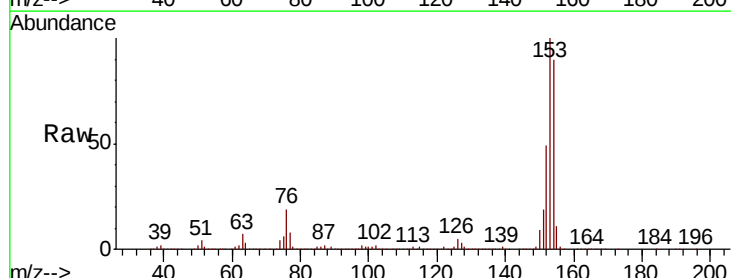
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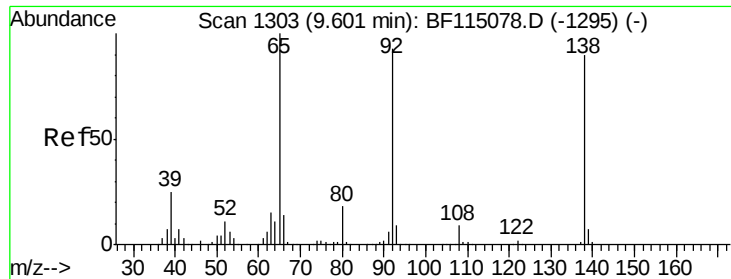
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#52
 Acenaphthene
 Concen: 48.231 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	88.7	133.1
152	54.7	42.6	64.0





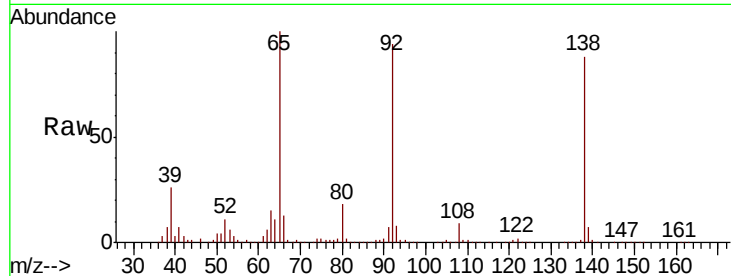
#53
3-Nitroaniline
Concen: 20.130 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	107.3	82.9	124.3

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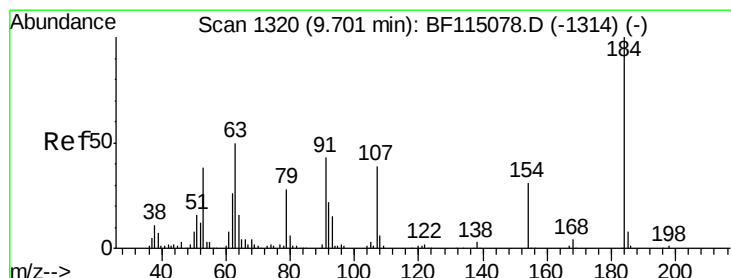
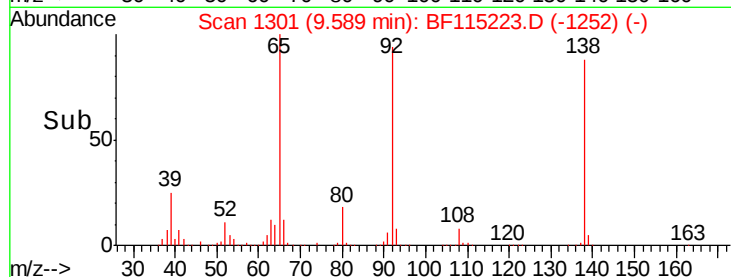
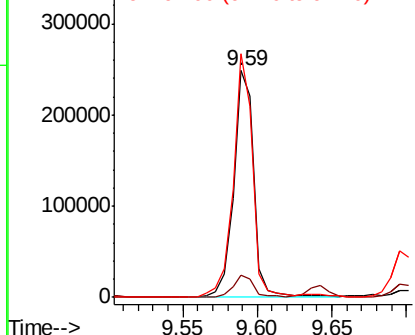


Abundance

Ion 138.00 (137.70 to 138.70): E

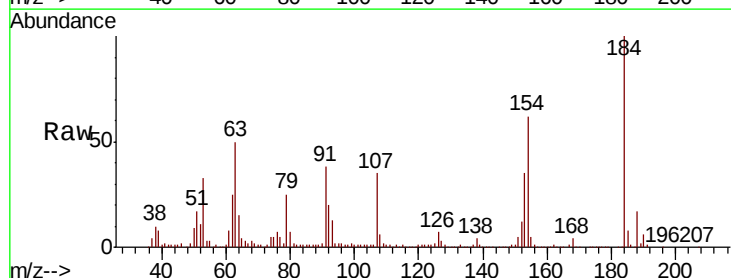
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 44.983 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.7	41.9	62.9
154	61.7	44.7	67.1

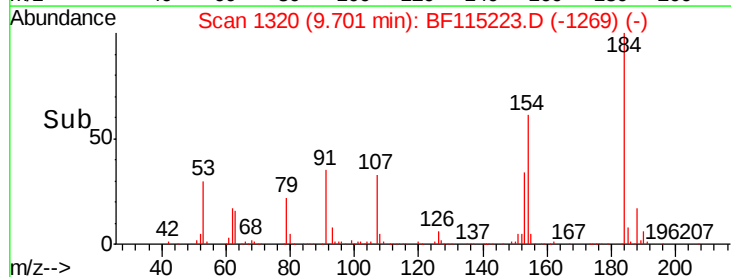
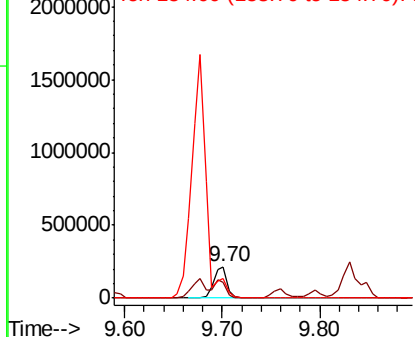


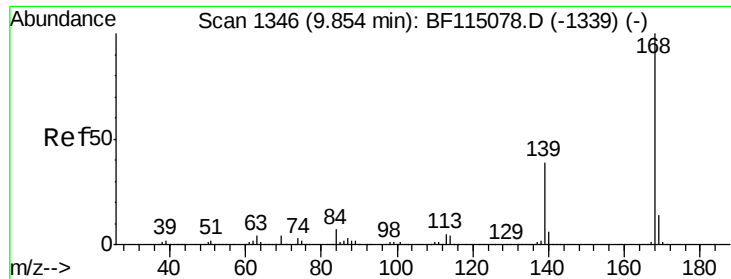
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





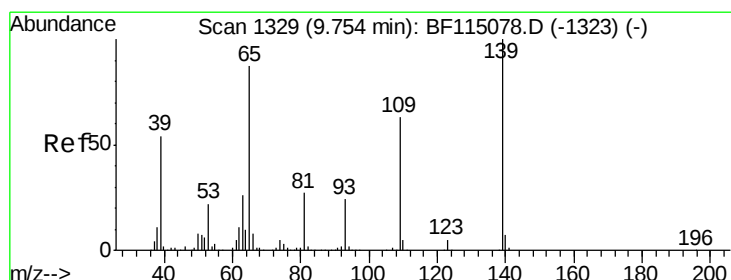
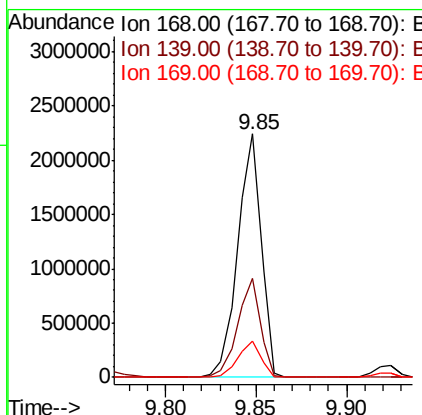
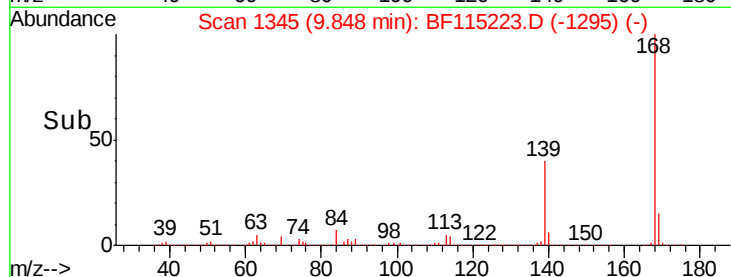
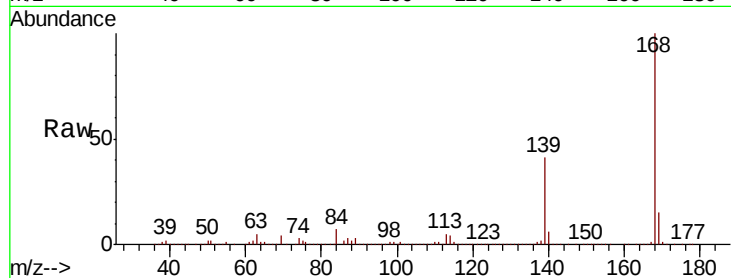
#55
Dibenzofuran
Concen: 40.081 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.1	46.7
169	14.7	11.3	16.9

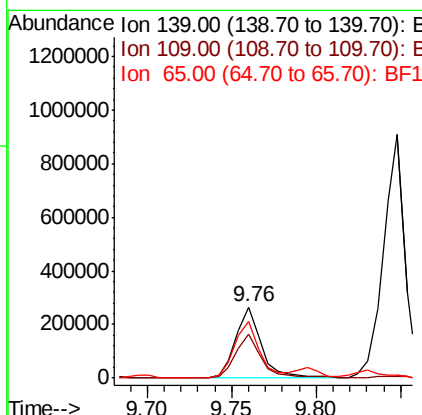
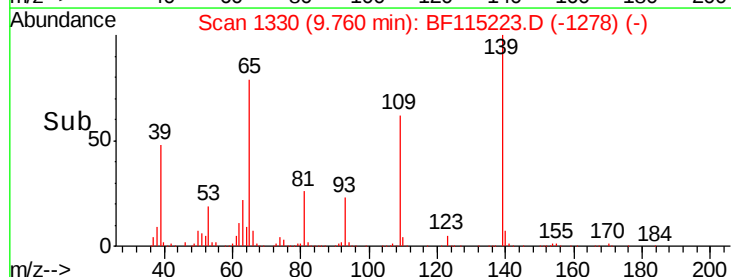
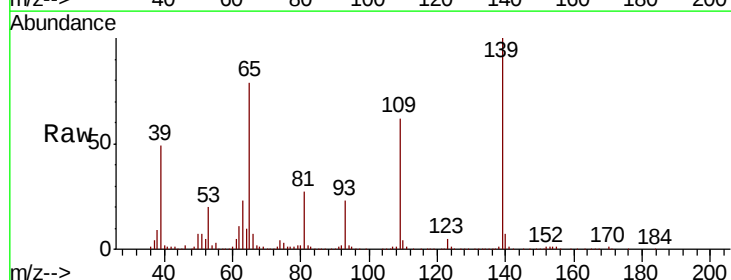
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#56
4-Nitrophenol
Concen: 30.182 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	43.0	83.0
65	79.3	67.0	107.0





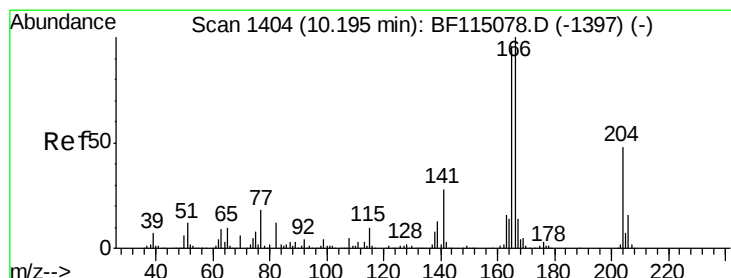
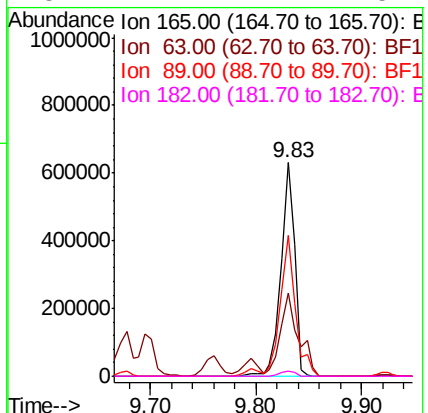
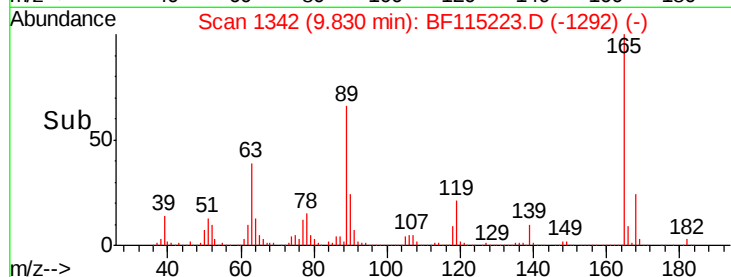
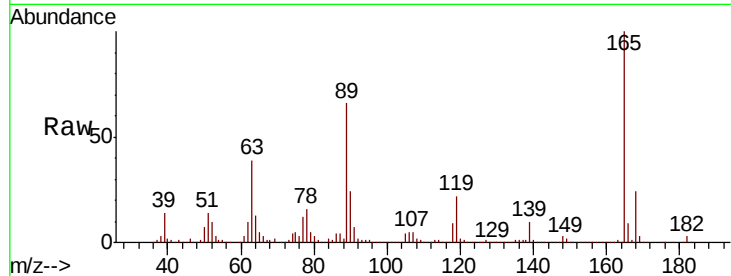
#57
 2,4-Dinitrotoluene
 Concen: 45.759 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	558640		
63	39.0	27.5	41.3	
89	66.0	49.9	74.9	
182	2.7	2.1	3.1	

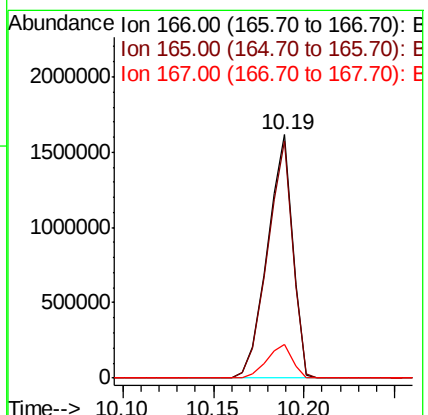
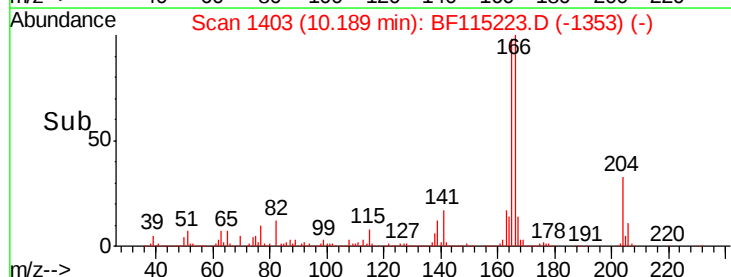
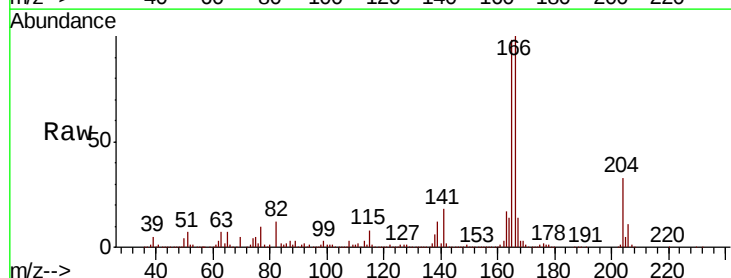
Manual Integrations
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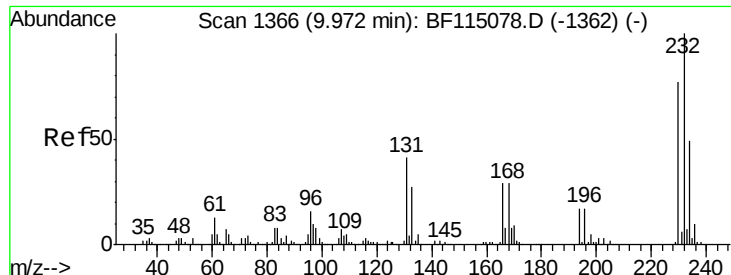
mohammad
 6/27/2019 8:32:19 AM



#58
 Fluorene
 Concen: 46.574 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1559864		
165	97.6	76.5	114.7	
167	13.8	11.0	16.4	





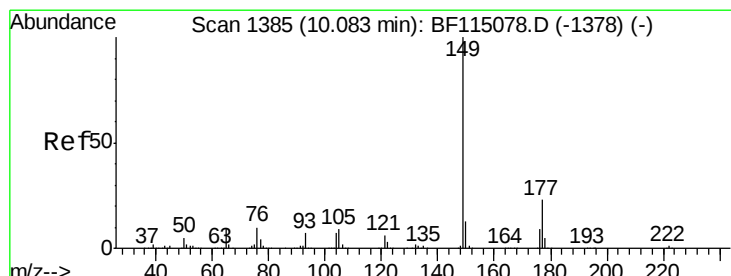
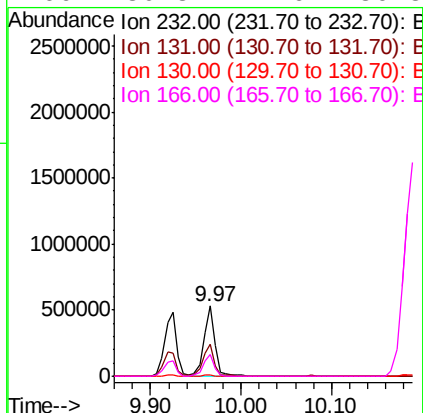
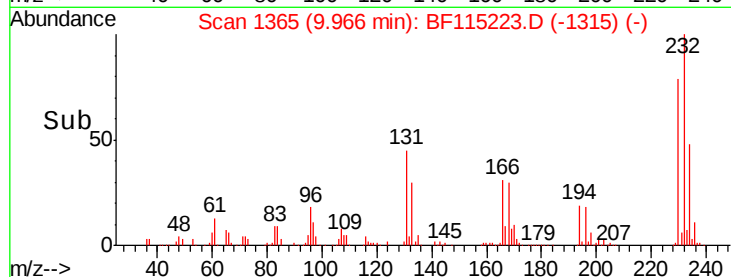
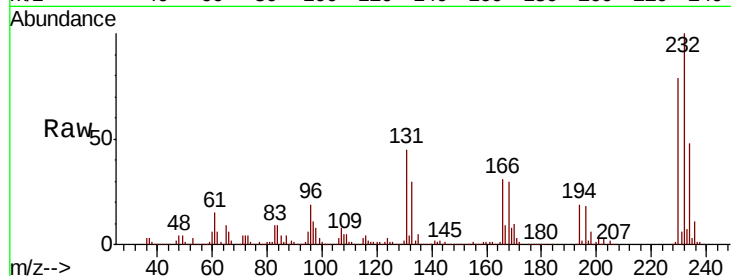
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.532 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.4	56.0
130	2.5	1.8	2.6
166	30.3	24.6	36.8

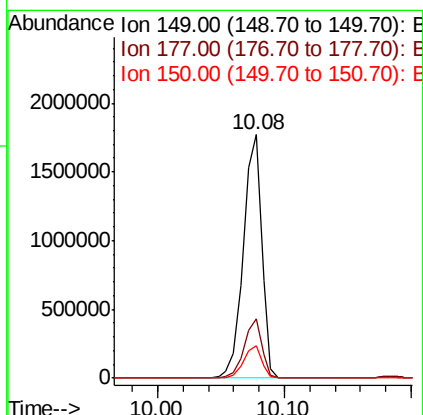
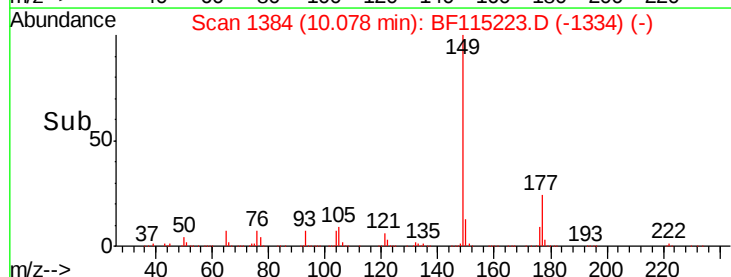
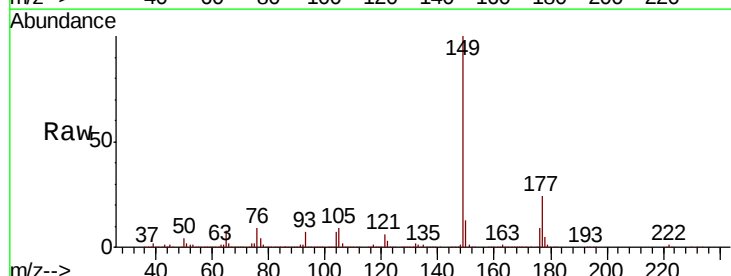
Manual Integrations
 APPROVED

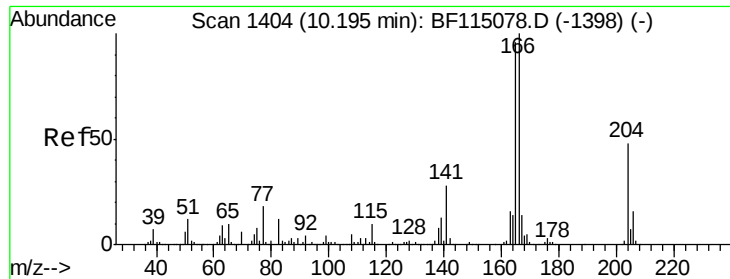
mohammad
 6/27/2019 8:32:19 AM



#60
 Diethylphthalate
 Concen: 42.887 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.7	28.1
150	13.2	10.4	15.6





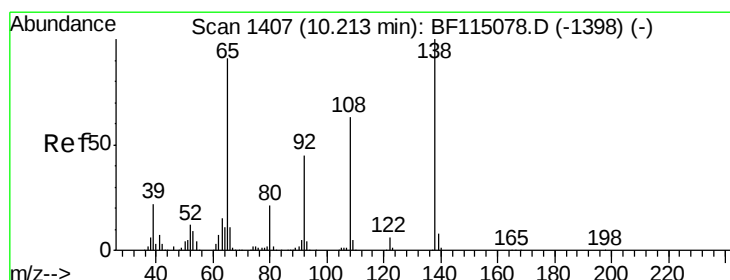
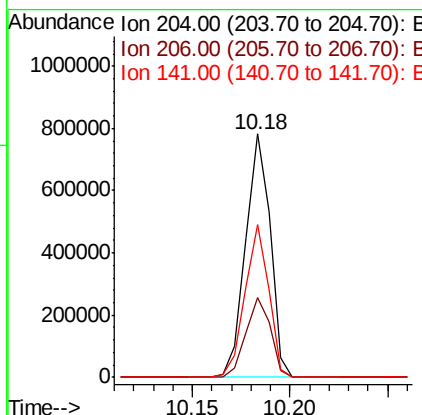
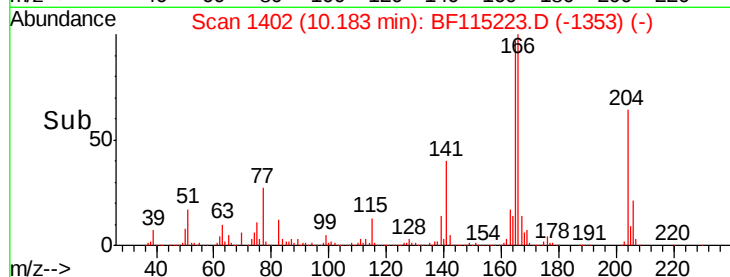
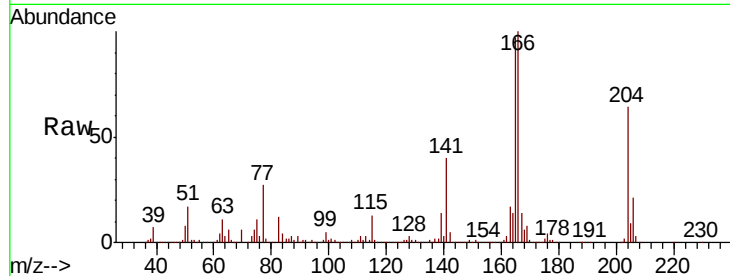
#61
4-Chlorophenyl-phenylether
Concen: 42.406 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleID :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	63.0	46.7	70.1

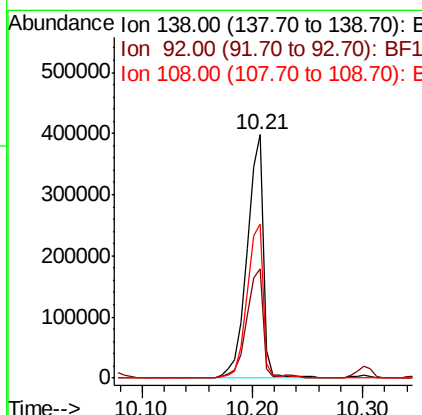
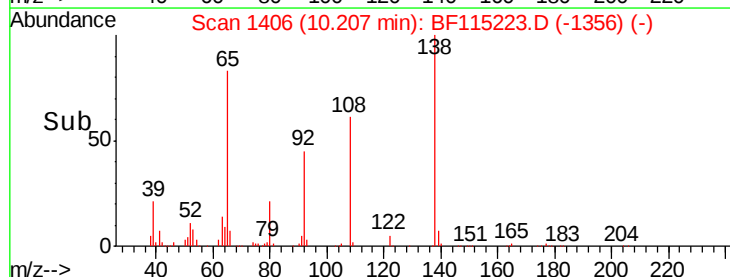
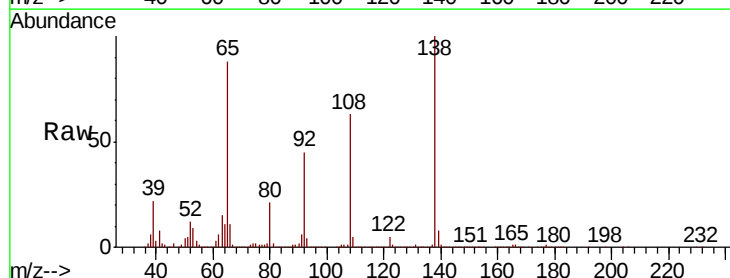
Manual Integrations
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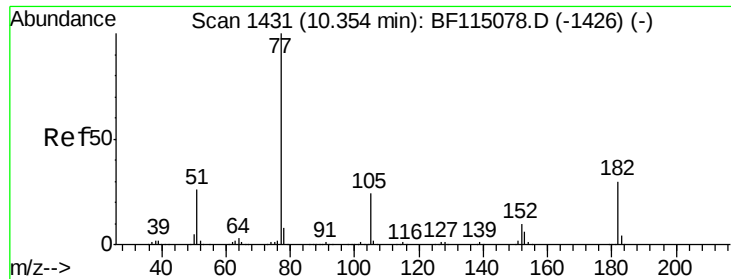
mohammad
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#62
4-Nitroaniline
Concen: 35.566 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.7	24.8	64.8
108	63.1	43.3	83.3





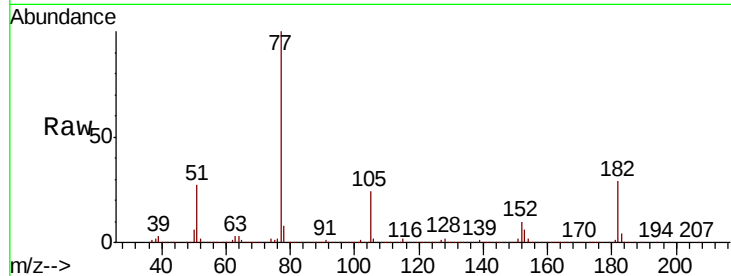
#63
Azobenzene
Concen: 40.956 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	10.1	50.1
105	24.4	4.5	44.5
51	27.4	6.4	46.4

Manual Integrations
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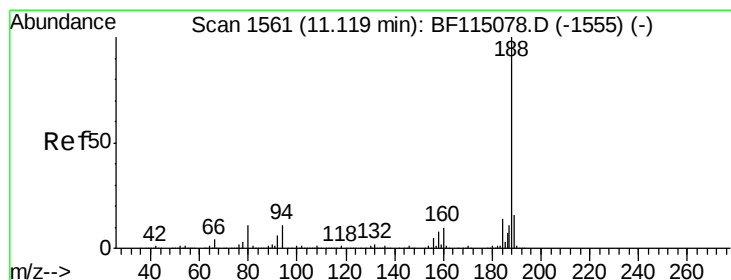
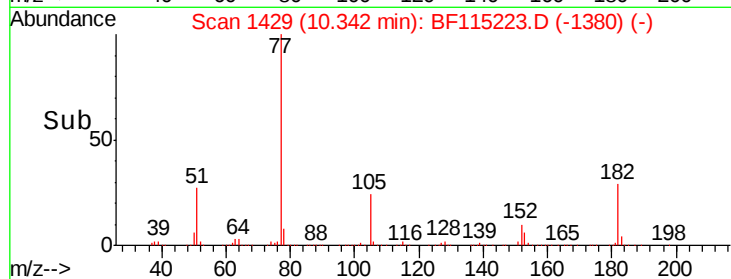
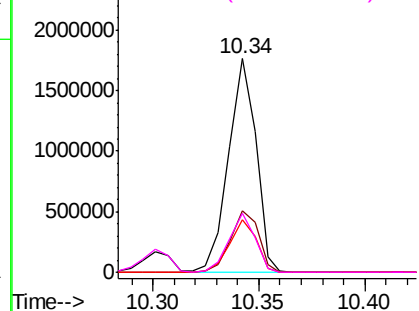
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

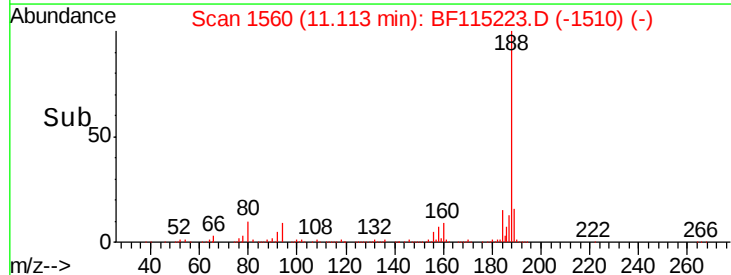
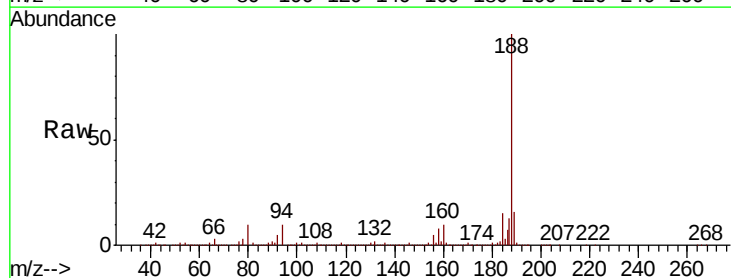
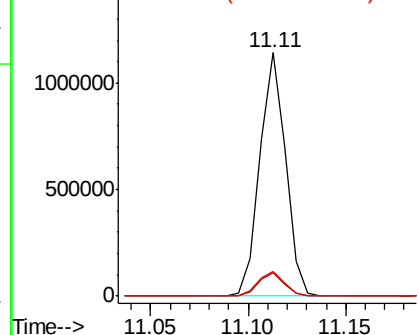
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.1	8.8	13.2

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





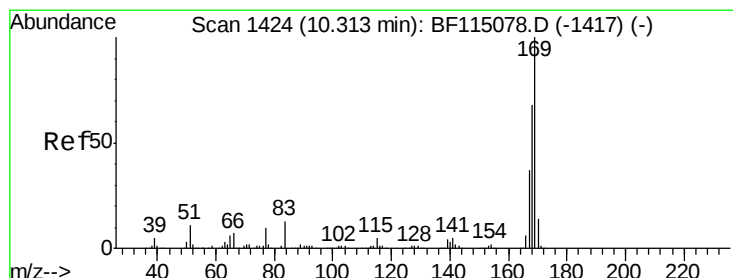
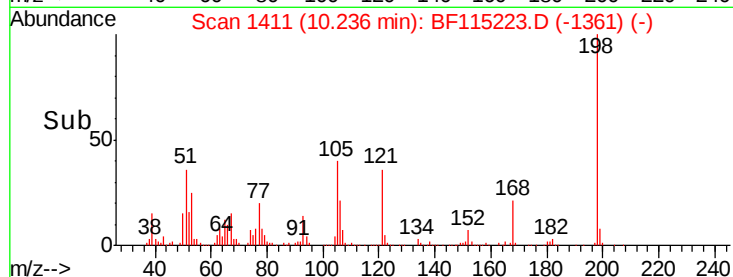
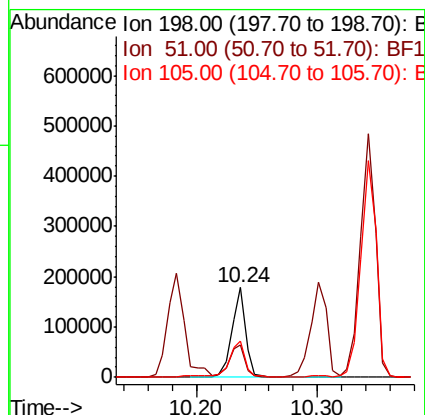
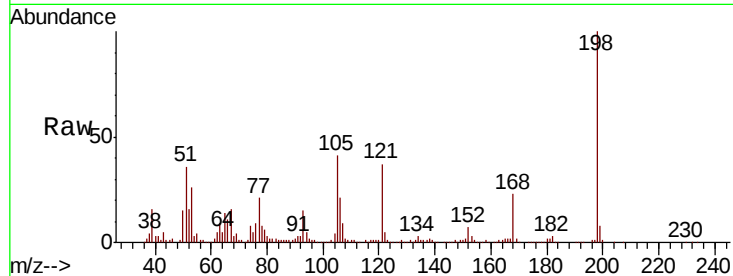
#65
4,6-Dinitro-2-methylphenol
Concen: 27.836 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.3	11.0	51.0
105	40.8	17.3	57.3

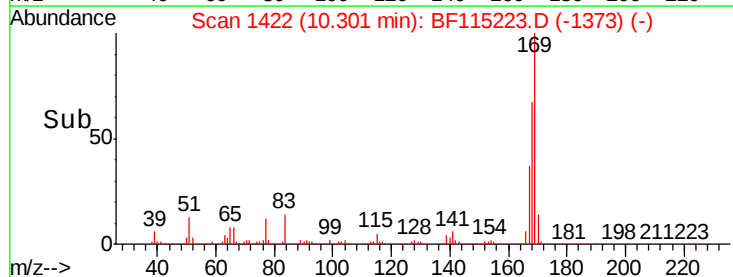
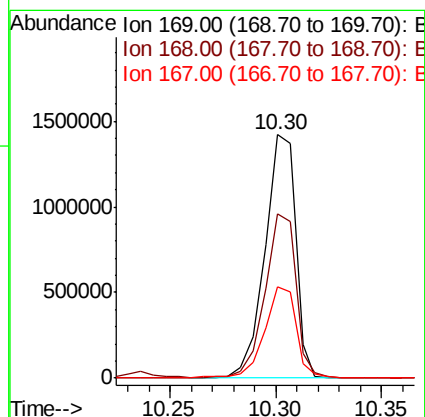
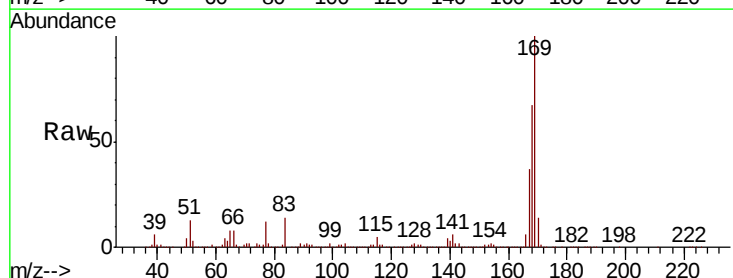
Manual Integrations
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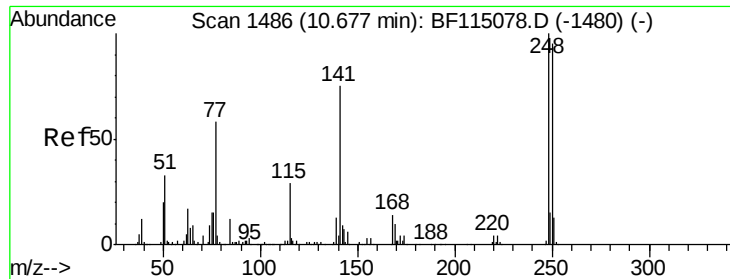
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 44.350 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.2	81.4
167	37.3	29.4	44.0





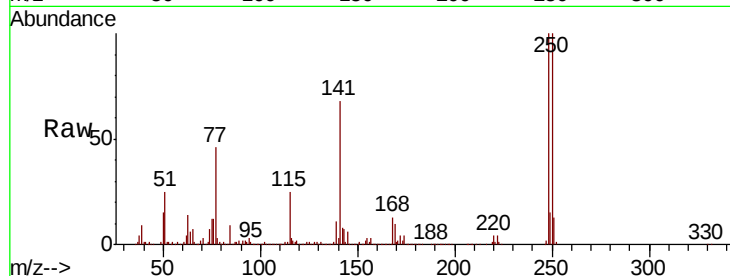
#67
4-Bromophenyl-phenylether
Concen: 43.961 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

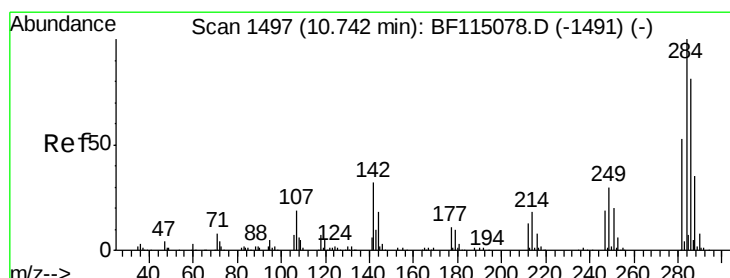
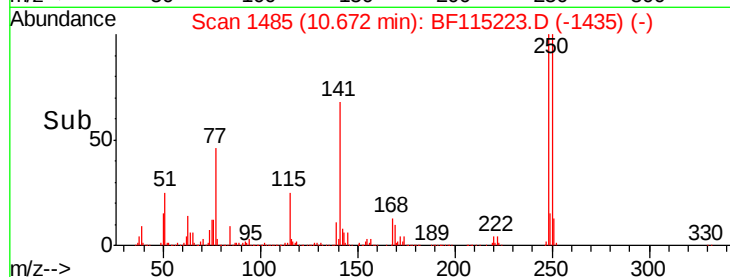
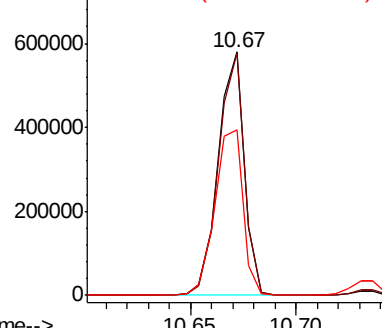
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.2	114.2
141	68.0	59.6	89.4

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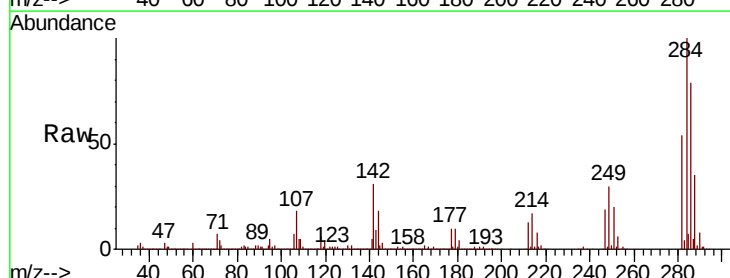


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

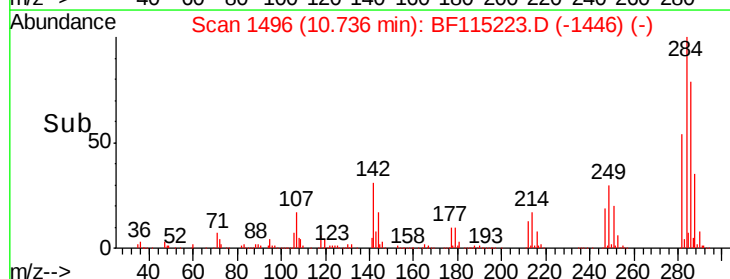
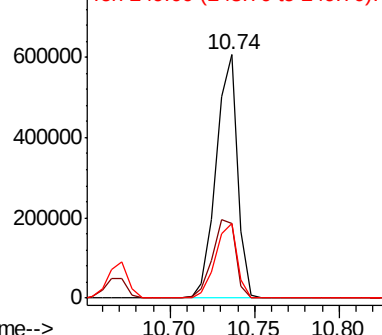


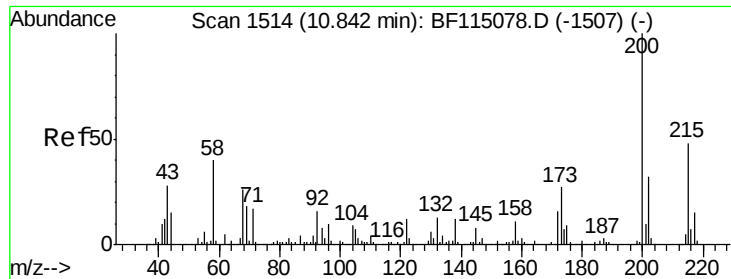
#68
Hexachlorobenzene
Concen: 43.652 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.8	38.8
249	30.4	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





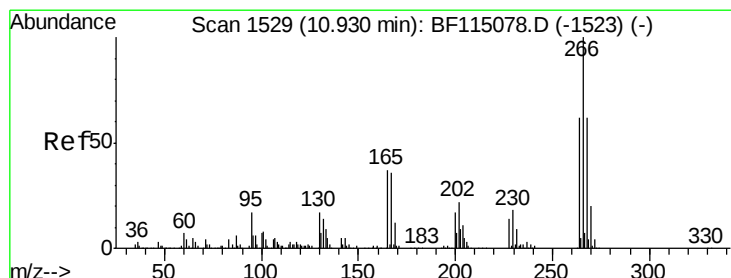
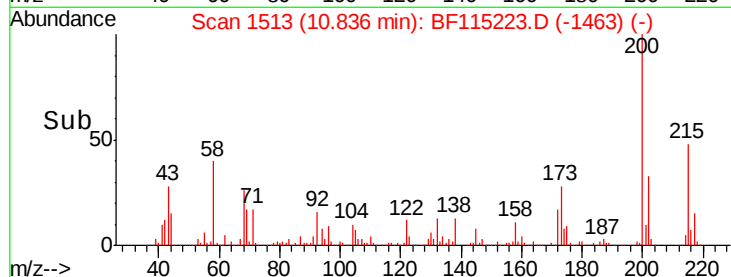
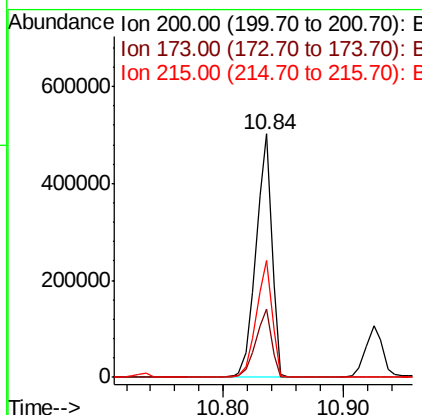
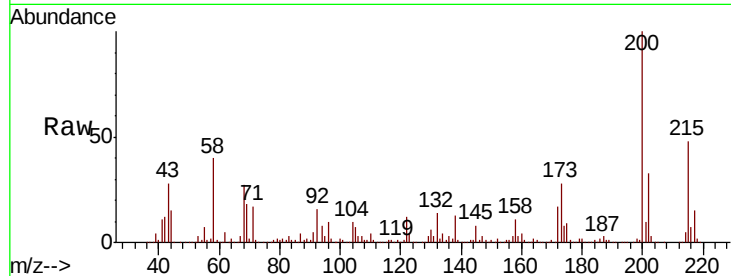
#69
Atrazine
Concen: 44.333 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.4	47.4
215	48.1	27.8	67.8

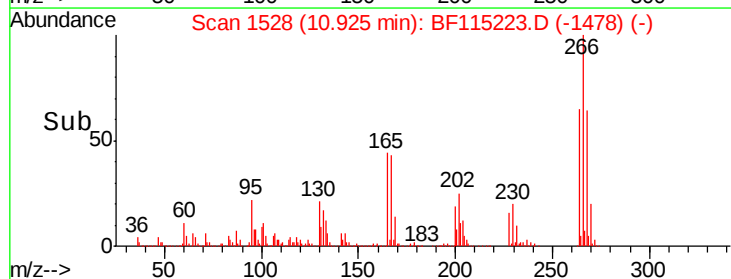
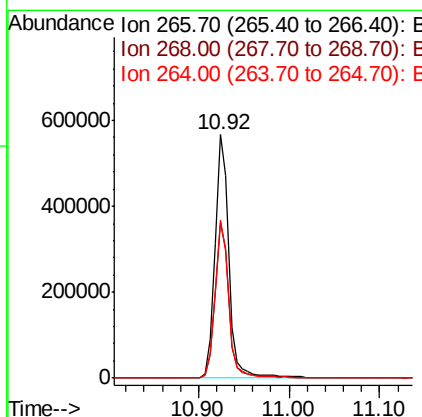
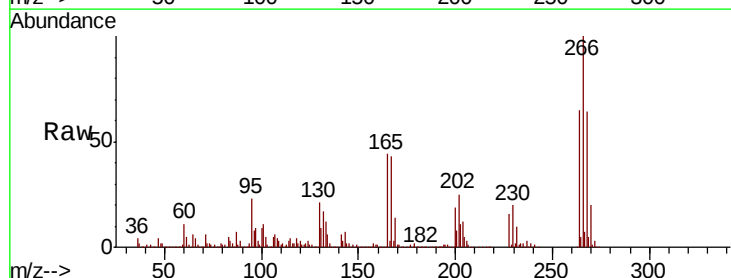
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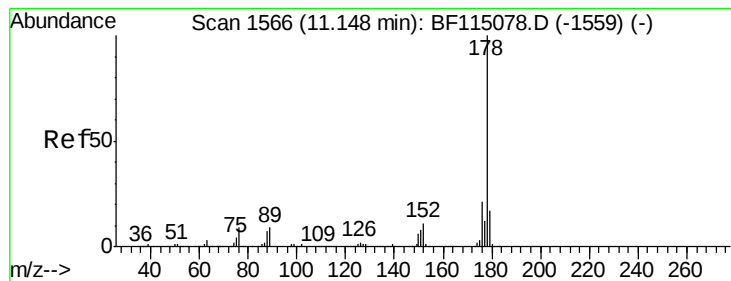
mohammad
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#70
Pentachlorophenol
Concen: 77.144 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.5	74.3
264	65.0	49.3	73.9





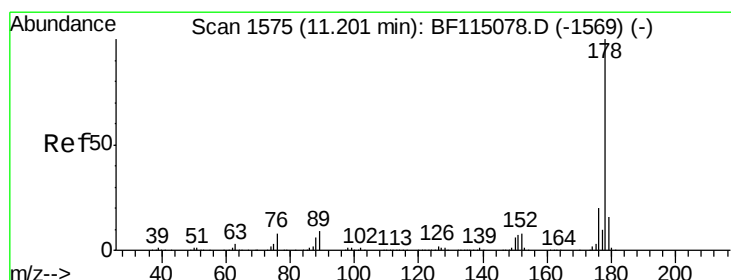
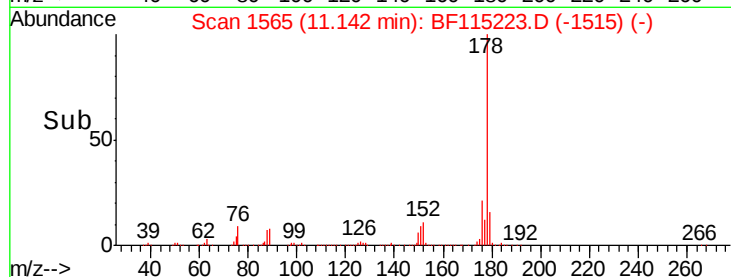
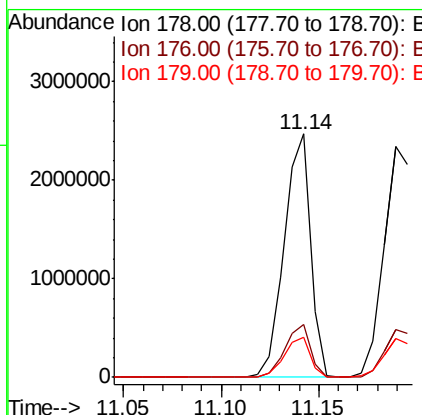
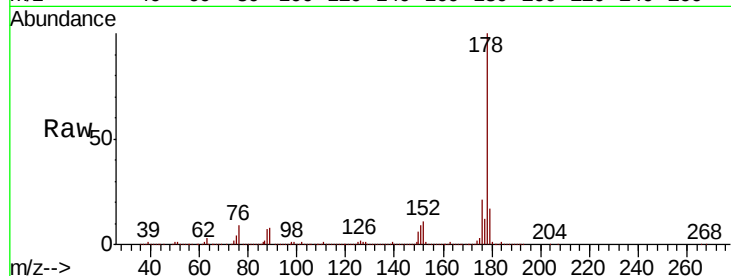
#71
Phenanthrene
Concen: 41.158 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion:178 Resp: 2315197
Ion Ratio Lower Upper
178 100
176 21.5 16.9 25.3
179 16.7 13.2 19.8

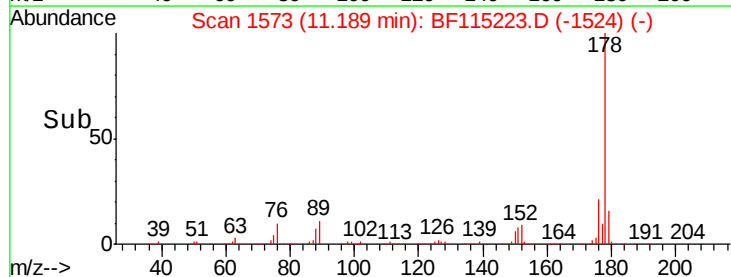
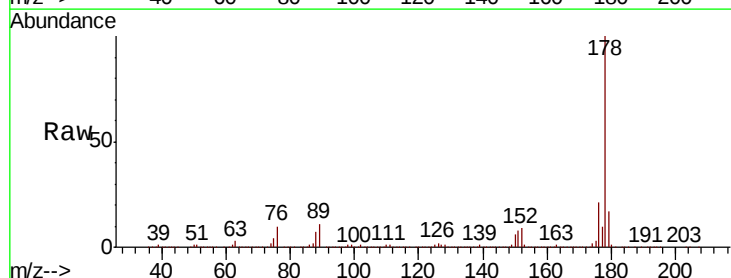
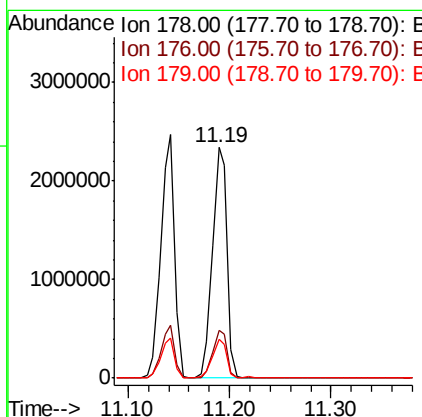
Manual Integrations
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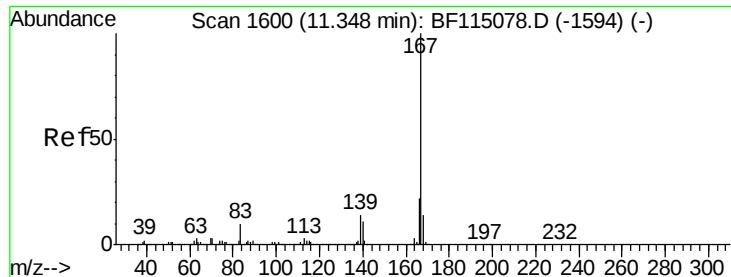
mohammad
6/27/2019 8:32:19 AM



#72
Anthracene
Concen: 41.019 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:178 Resp: 2329151
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 16.8 12.9 19.3





#73
 Carbazole
 Concen: 40.623 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

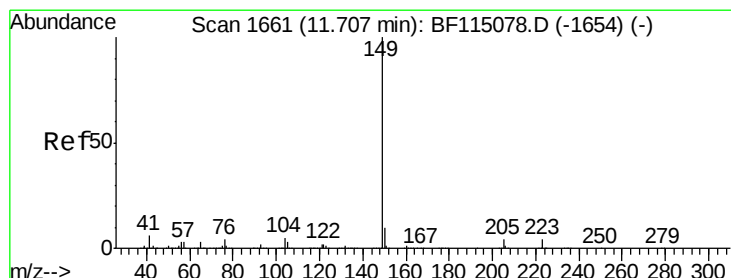
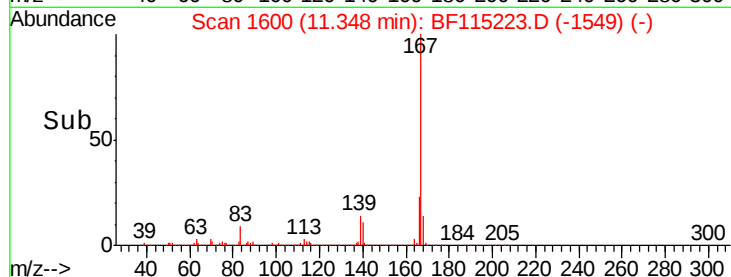
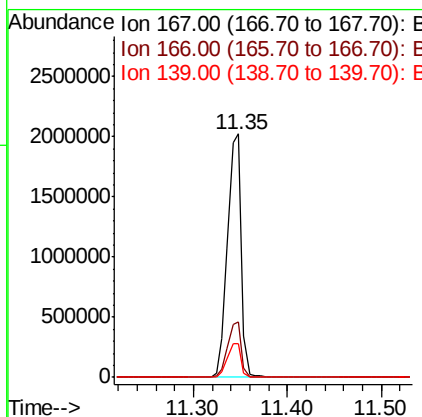
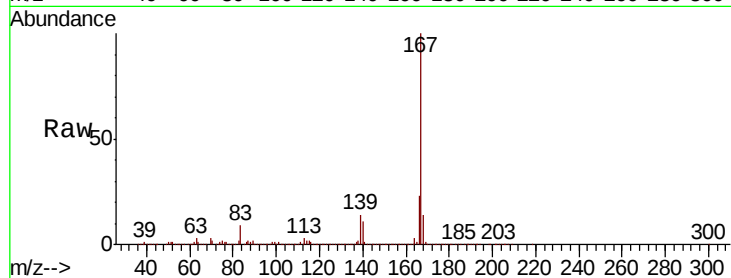
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion:167 Resp: 2059777

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	13.7	11.1	16.7

Manual Integrations
 APPROVED

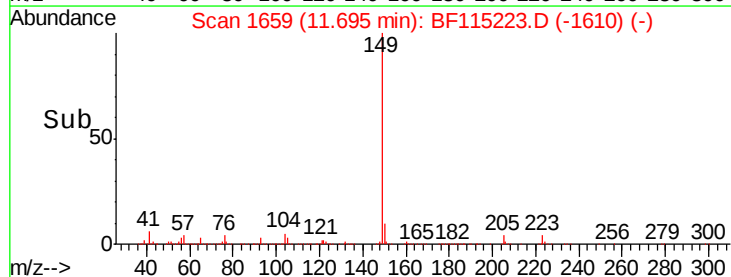
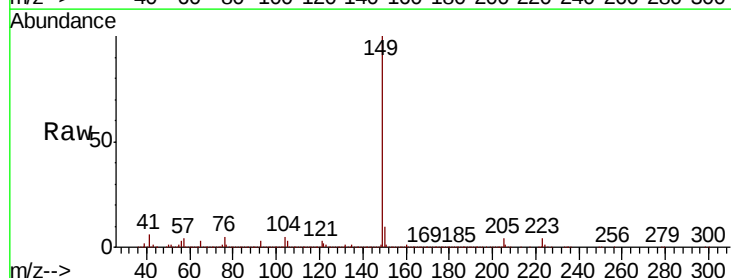
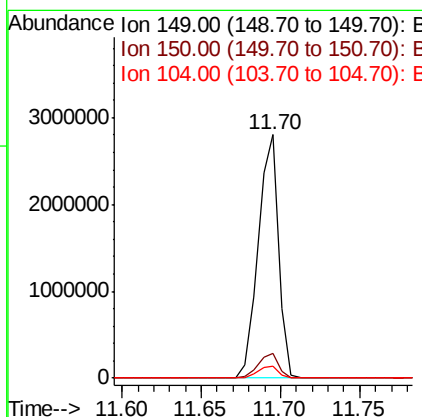
mohammad
 6/27/2019 8:32:19 AM

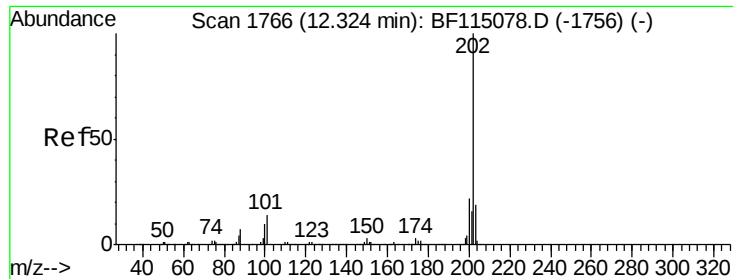


#74
 Di-n-butylphthalate
 Concen: 42.781 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion:149 Resp: 2506615

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.0	3.7	5.5





#75

Fluoranthene

Concen: 37.971 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

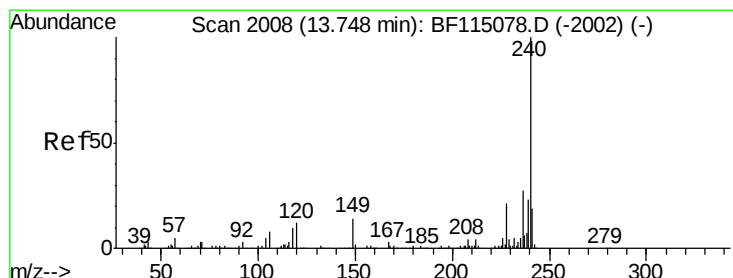
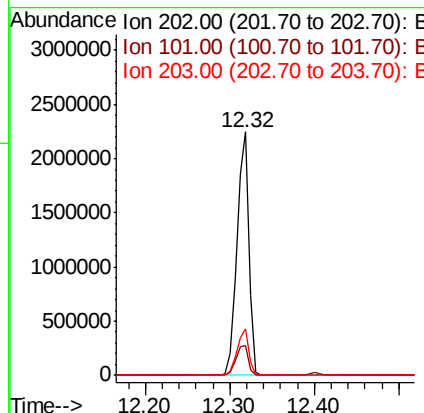
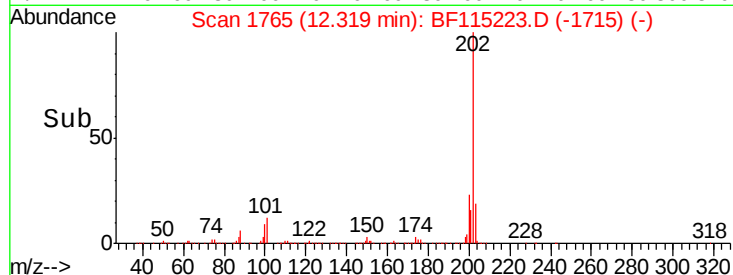
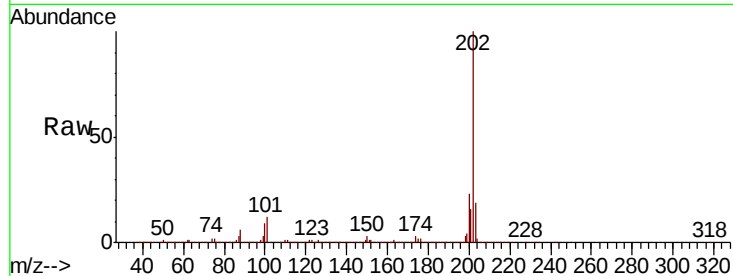
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	202	Resp:	2131120
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.0
203	19.1	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

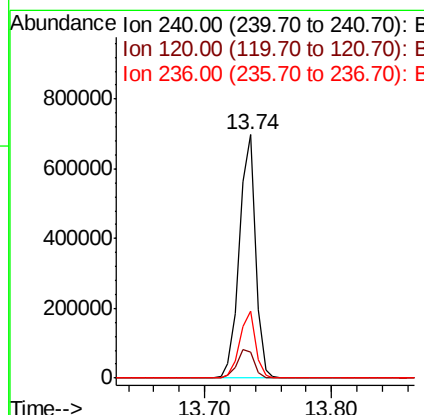
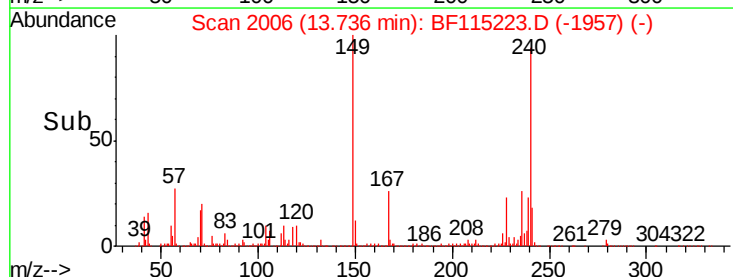
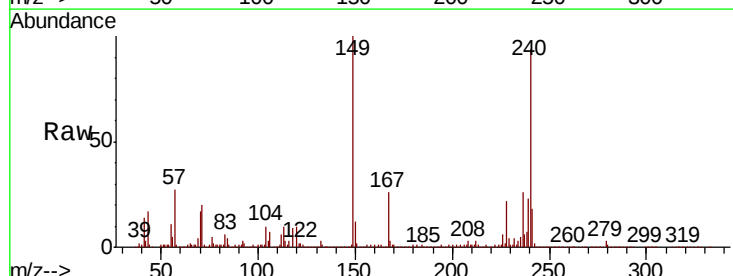
RT: 13.74 min Scan# 2006

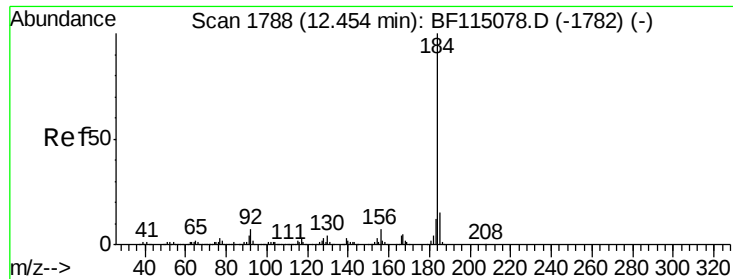
Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion:	240	Resp:	609966
Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.2
236	27.4	21.7	32.5





#77

Benzidine

Concen: 7.188 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

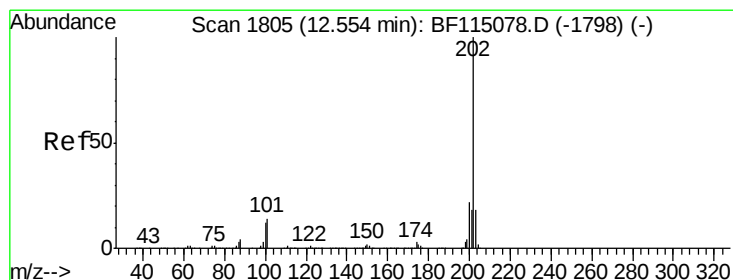
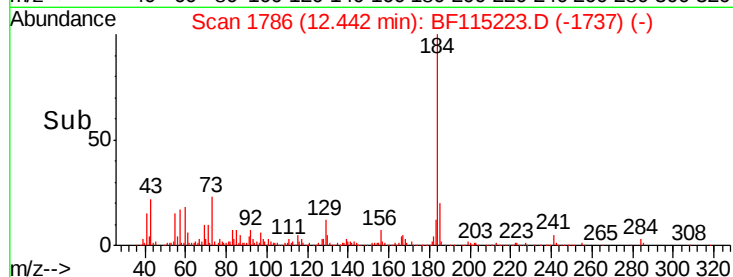
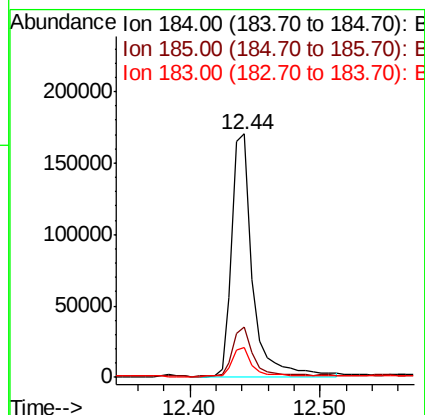
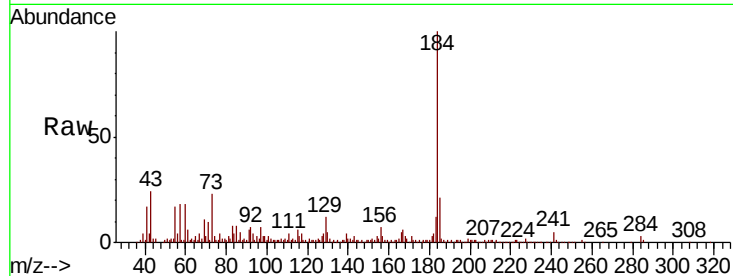
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	184	Resp:	194673
Ion Ratio	Lower	Upper	
184	100		
185	20.7	12.2	18.2#
183	12.4	9.6	14.4

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#78

Pyrene

Concen: 45.066 ng

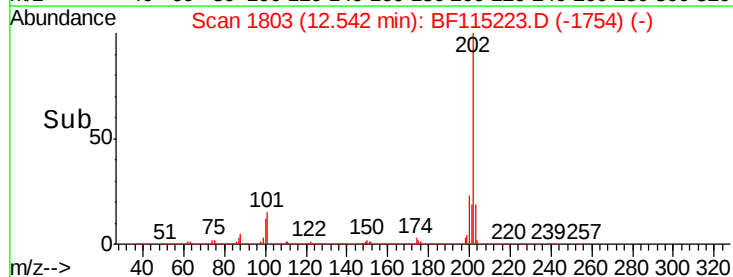
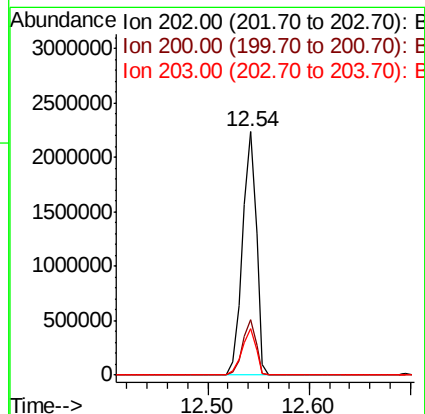
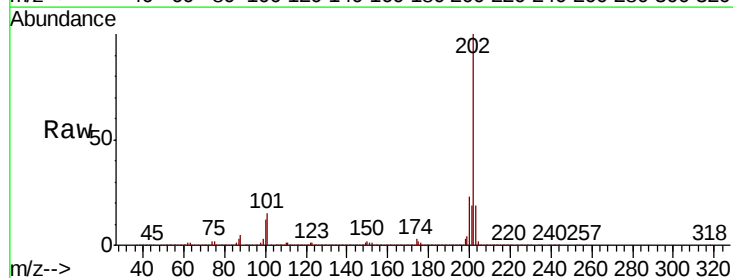
RT: 12.54 min Scan# 1803

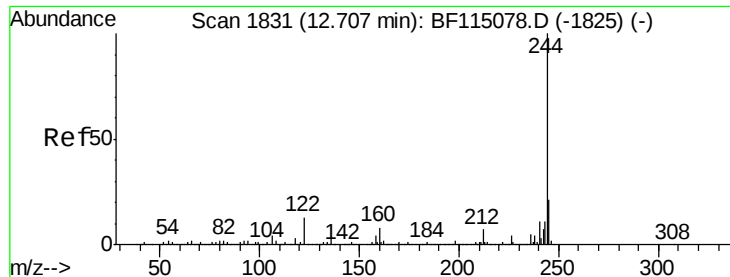
Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion:	202	Resp:	2112505
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.9	26.9
203	18.9	14.6	21.8





#79

Terphenyl-d14

Concen: 95.016 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MS

Tot Ion:244 Resp: 2725870

Ion Ratio Lower Upper

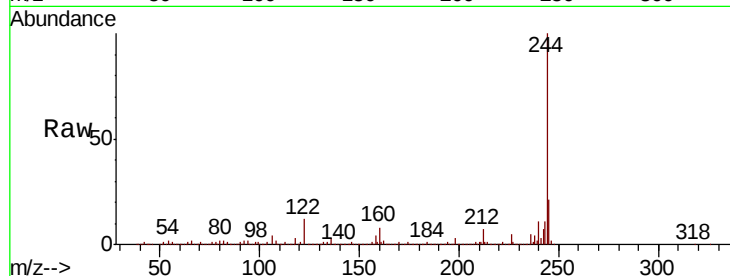
244 100

212 7.4 5.8 8.6

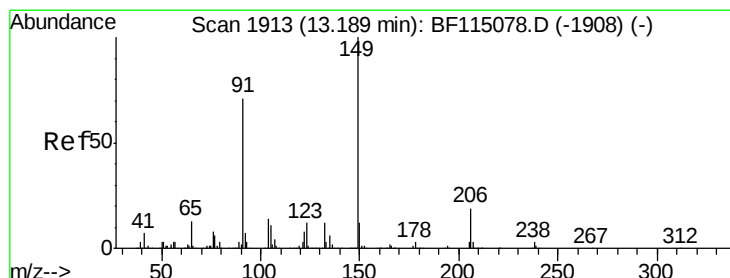
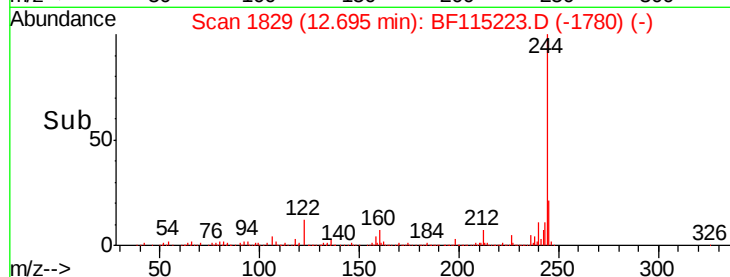
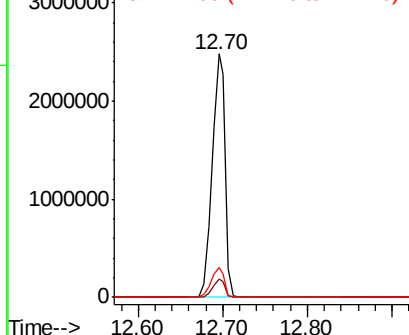
122 12.4 10.4 15.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.212 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

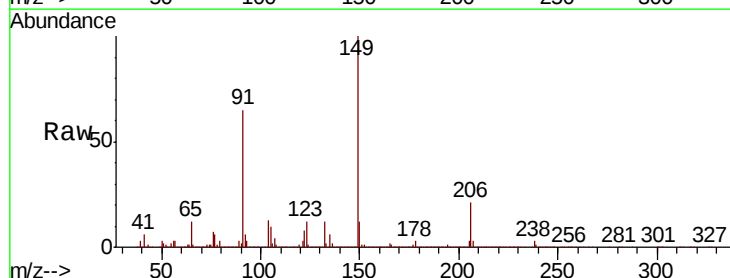
Tgt Ion:149 Resp: 1018056

Ion Ratio Lower Upper

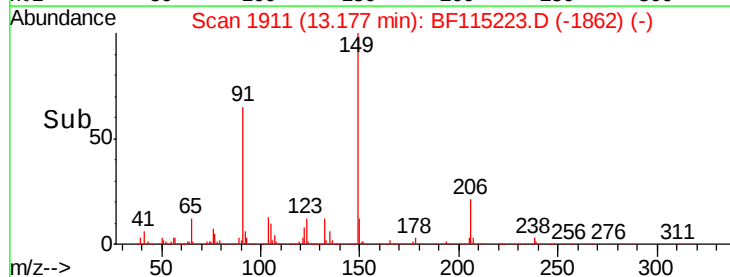
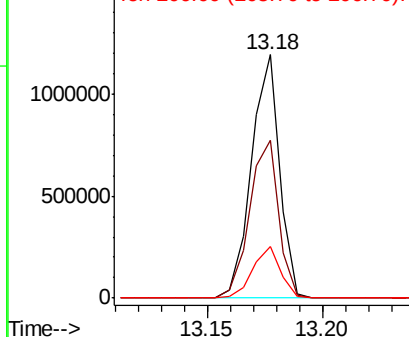
149 100

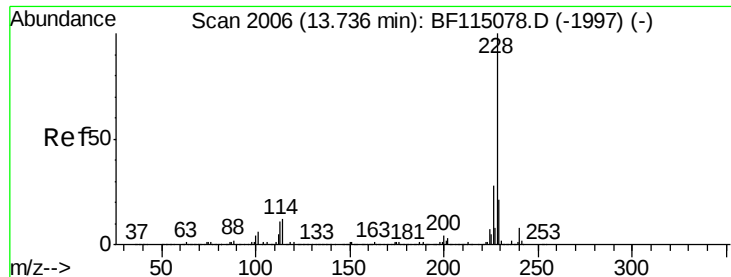
91 65.0 56.5 84.7

206 21.2 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





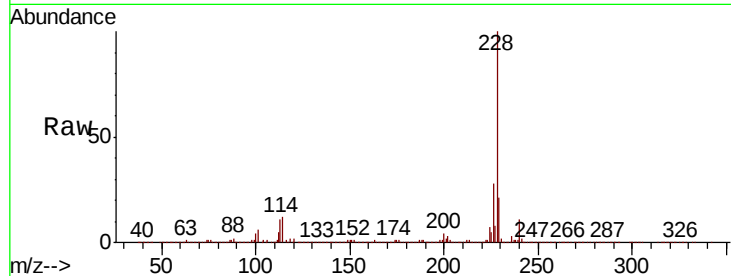
#81
Benzo(a)anthracene
Concen: 42.122 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.9	16.6	24.8

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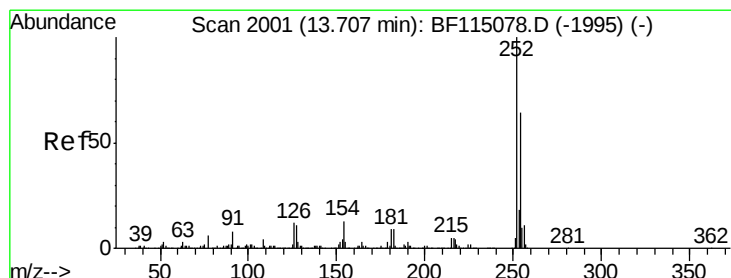
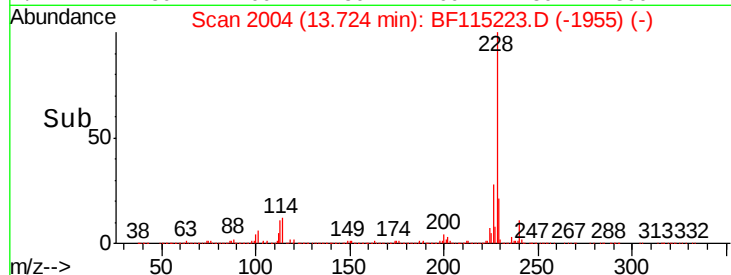
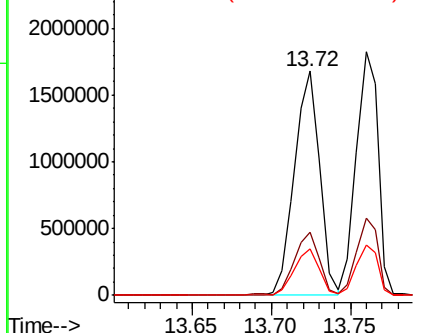


Abundance

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: 32.216 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

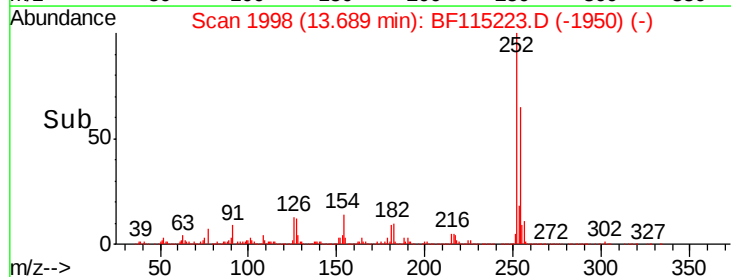
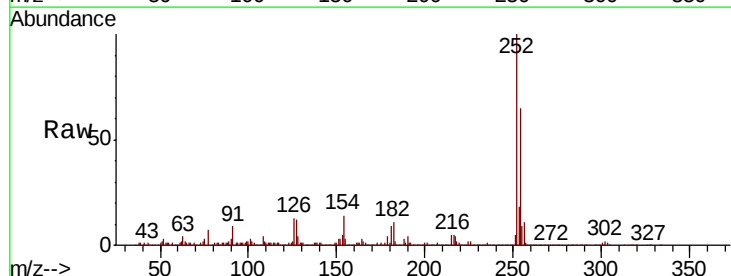
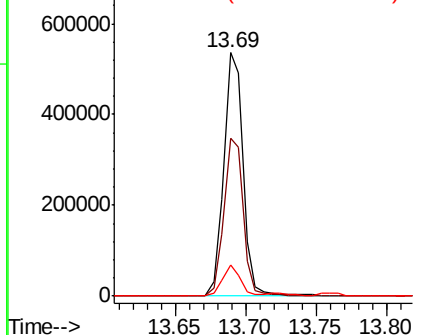
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	12.9	9.4	14.0

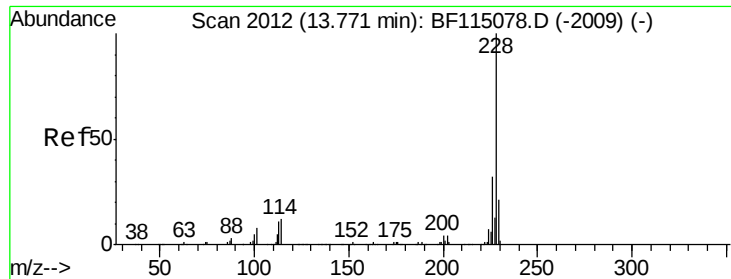
Abundance

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





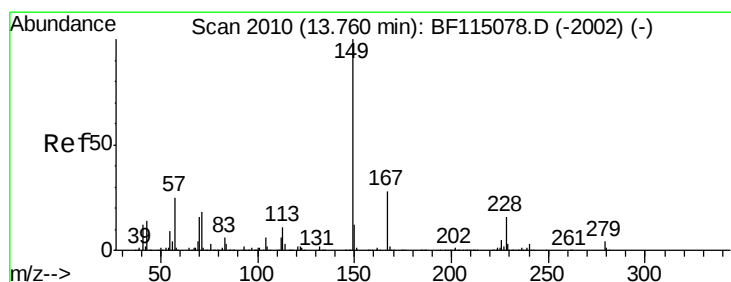
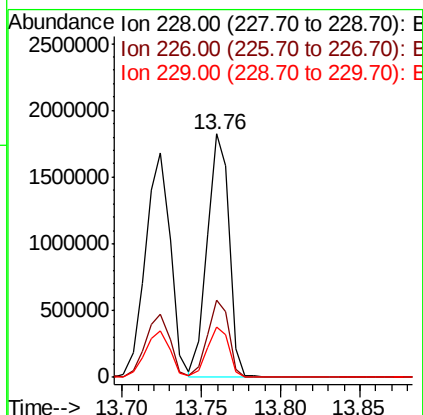
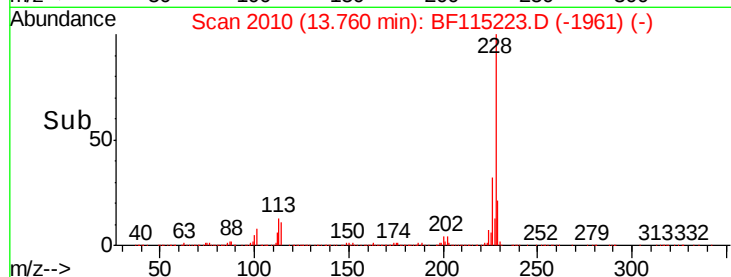
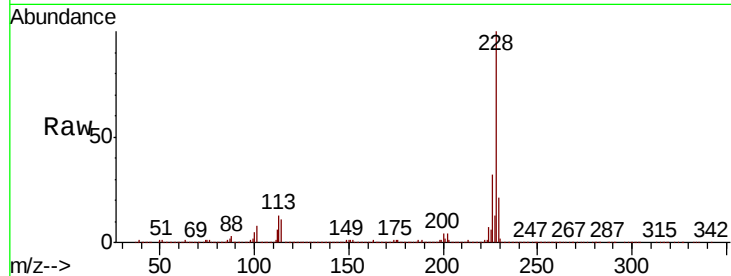
#83
Chrysene
Concen: 43.840 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion:228 Resp: 1757612
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.0
229 20.9 16.5 24.7

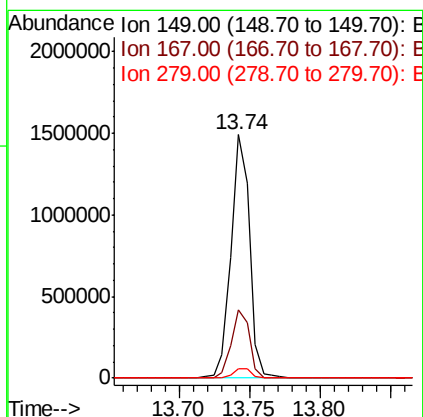
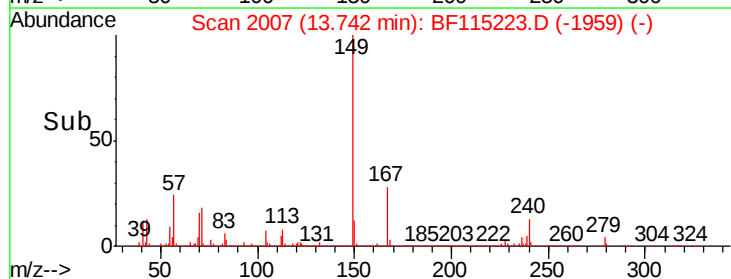
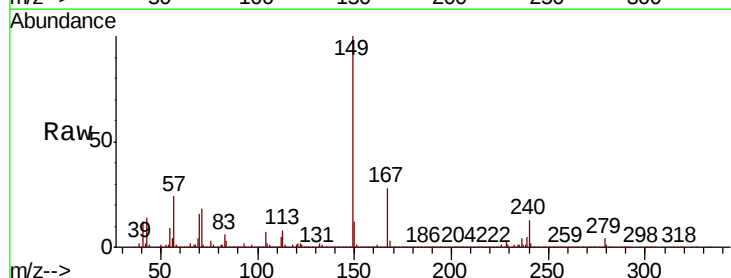
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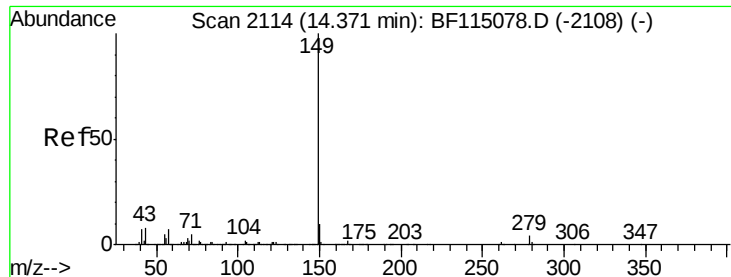
mohammad
6/27/2019 8:32:19 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.995 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:149 Resp: 1355179
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 48.637 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MS

Tot Ion:149 Resp: 2215119

Ion Ratio Lower Upper

149 100

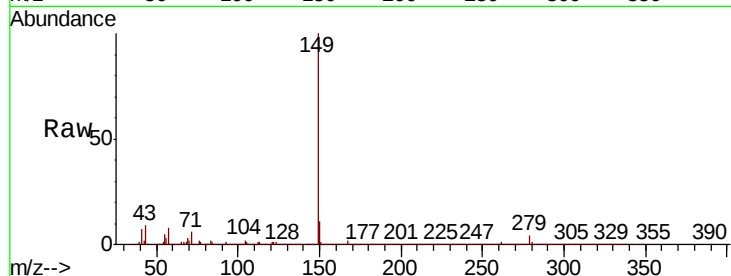
167 1.6 1.2 1.8

43 8.7 7.0 10.6

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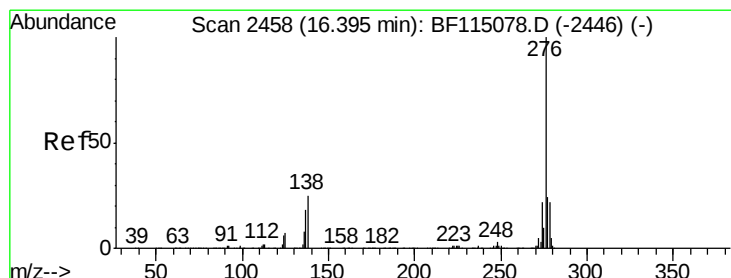
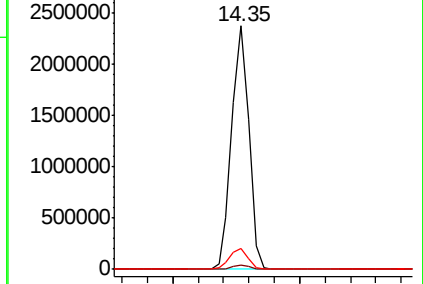
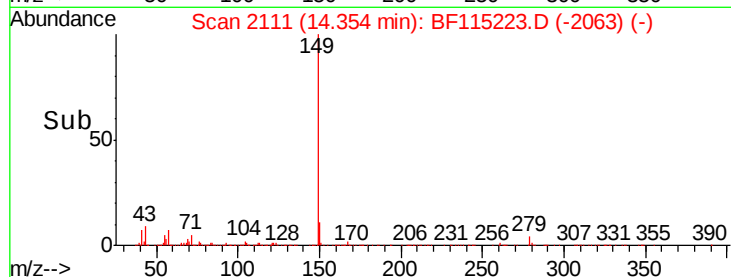
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.043 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

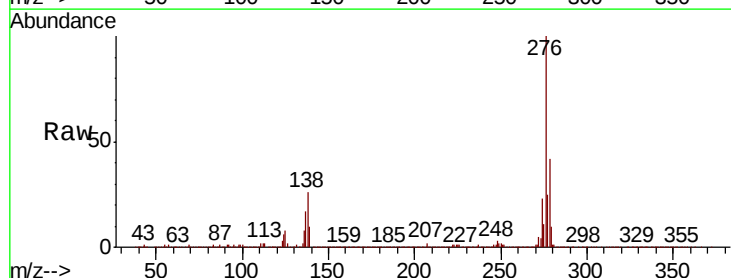
Tgt Ion:276 Resp: 1567589

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

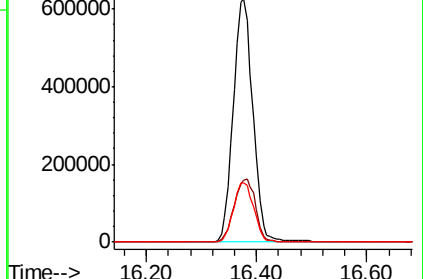
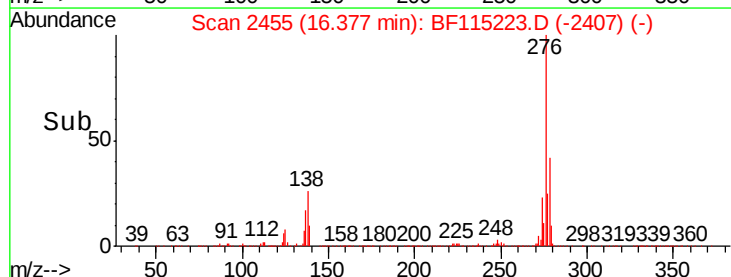
277 25.3 20.1 30.1

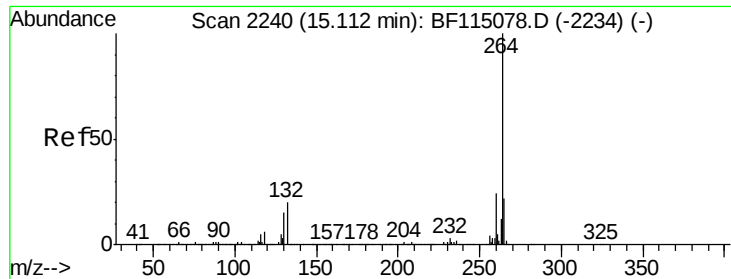


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

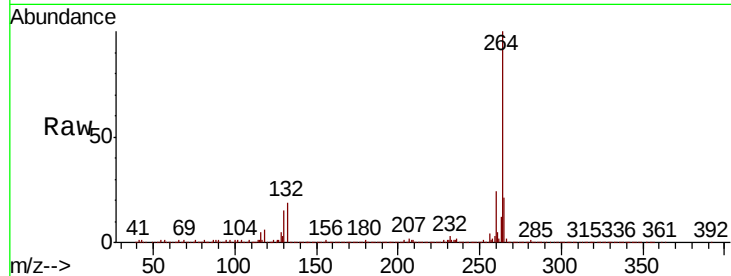
ClientSampleId :

SS043MW010-190611MS

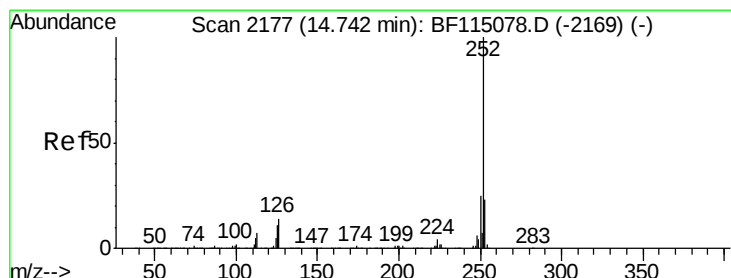
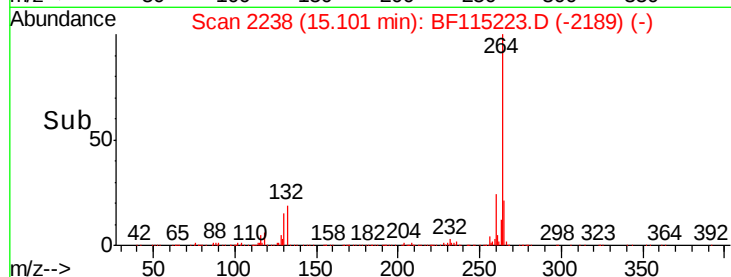
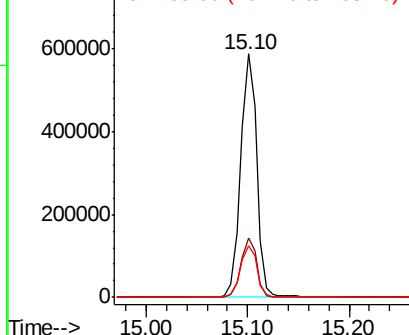
Tot Ion:	264	Resp:	651610
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.5	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
800000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.536 ng

RT: 14.73 min Scan# 2175

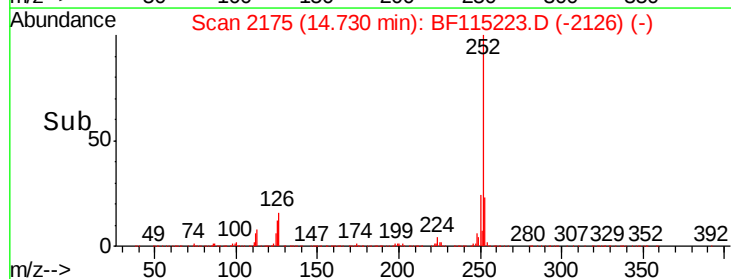
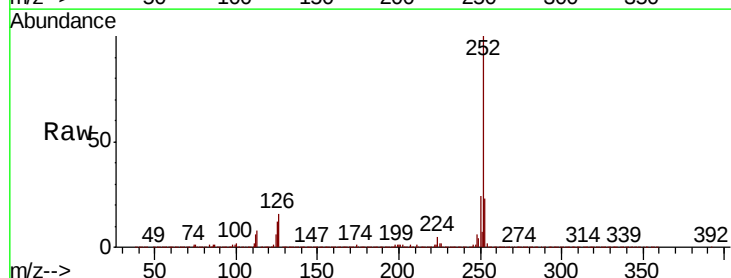
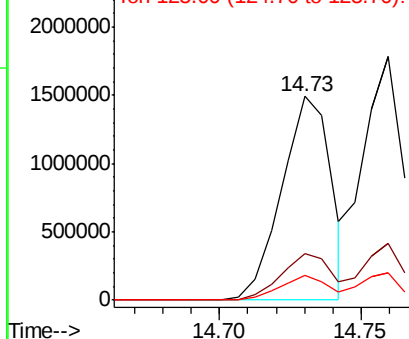
Delta R.T. -0.01 min

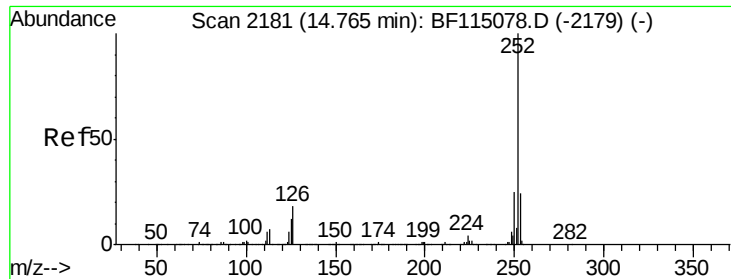
Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion:	252	Resp:	1810761
Ion Ratio		Lower	Upper
252	100		
253	22.7	18.1	27.1
125	12.0	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
2000000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





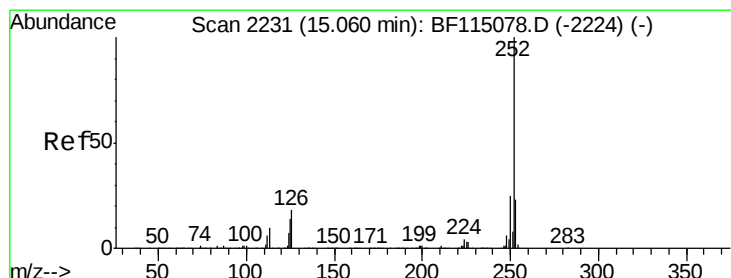
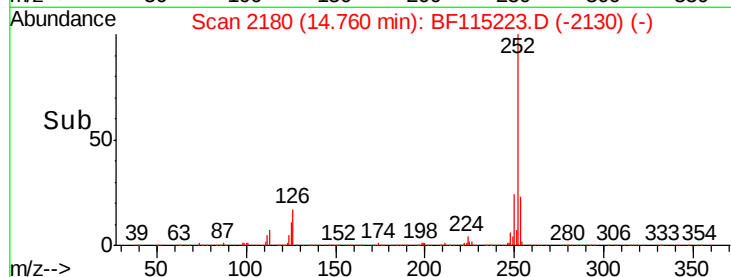
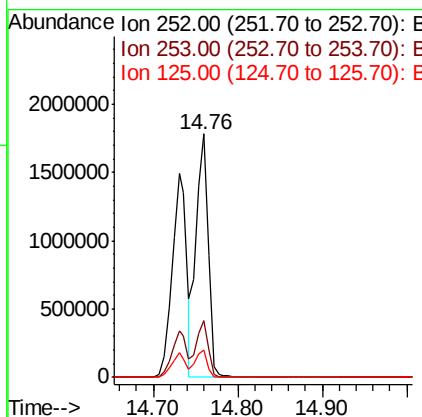
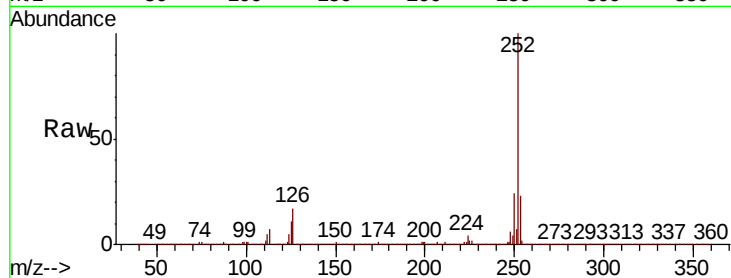
#89
Benzo(k)fluoranthene
Concen: 47.970 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion:252 Resp: 1749065
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 11.4 10.2 15.2

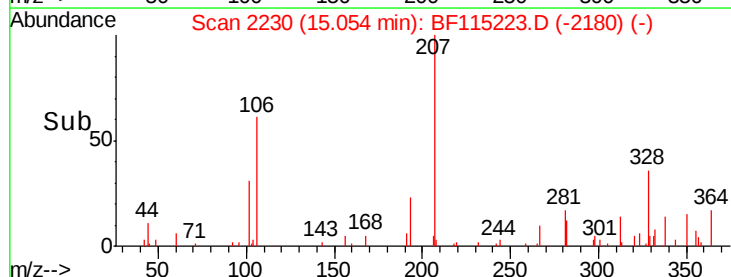
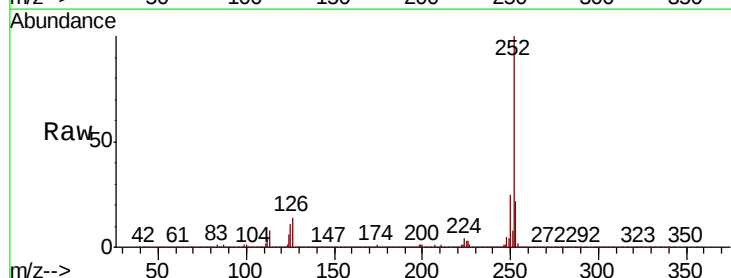
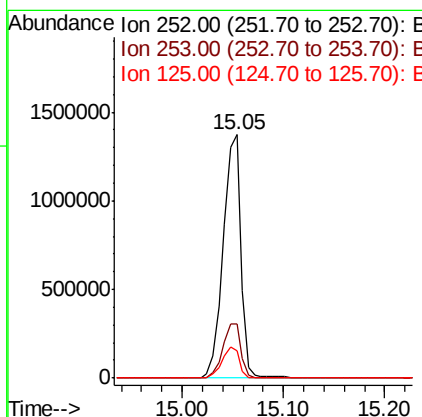
Manual Integrations
APPROVED

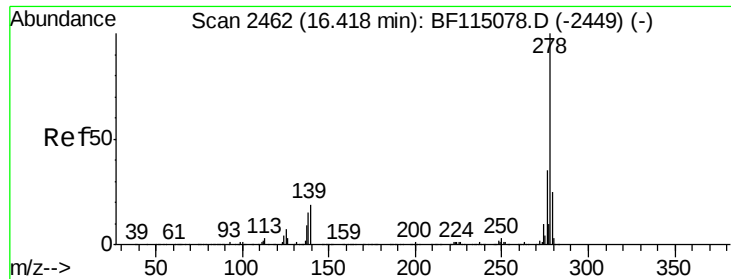
mohammad
6/27/2019 8:32:19 AM



#90
Benzo(a)pyrene
Concen: 45.496 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:252 Resp: 1667252
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 11.2 10.9 16.3





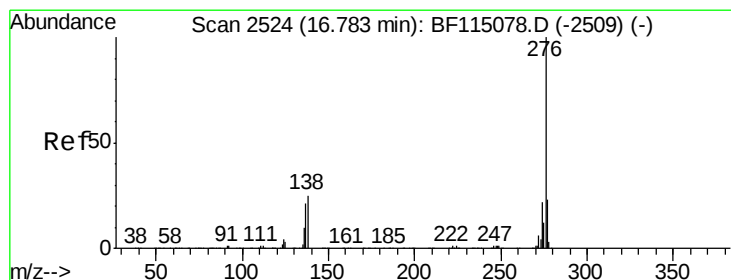
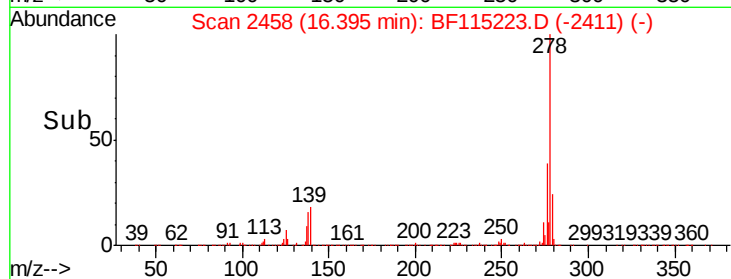
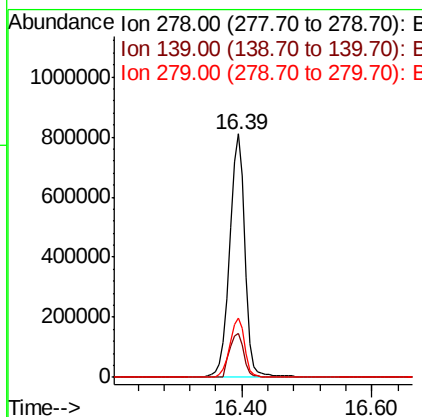
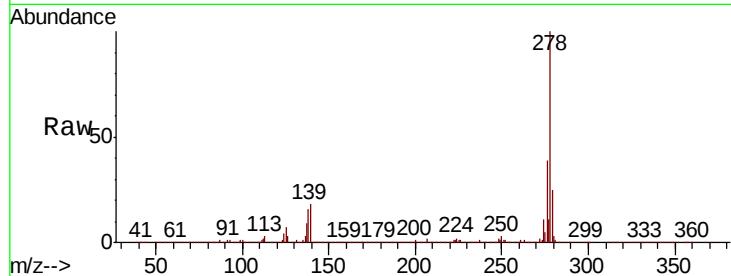
#91
Dibenzo(a,h)anthracene
Concen: 38.601 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.5	19.9	29.9

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 35.706 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	23.1	19.8	29.6

