

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115224.D
 Acq On : 26 Jun 2019 17:40
 Operator : HP/JU
 Sample : K3309-09MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MSD

Manual Integrations
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mohammad
 6/27/2019 8:32:22 AM

Quant Time: Jun 27 01:37:07 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	300565	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1151567	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	551040	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	959405	20.00	ng	0.00
76) Chrysene-d12	13.87	240	646091	20.00	ng	0.12
87) Perylene-d12	15.41	264	671671	20.00	ng	0.30

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1075271	55.21	ng	0.00
7) Phenol-d6	6.25	99	868595	36.74	ng	0.00
23) Nitrobenzene-d5	7.18	82	1666502	89.02	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	669332	115.19	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2923197	90.11	ng	0.00
79) Terphenyl-d14	12.73	244	2639997	86.88	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	174429	18.976	ng	98
3) Pyridine	2.91	79	343696	13.266	ng	99
4) n-Nitrosodimethylamine	2.84	42	157338	15.491	ng	95
6) Aniline	6.27	93	461105	14.192	ng	# 91
8) 2-Chlorophenol	6.40	128	703517	32.123	ng	97
9) Benzaldehyde	6.15	77	173663	11.260	ng	97
10) Phenol	6.27	94	353932	12.781	ng	89
11) bis(2-Chloroethyl)ether	6.35	93	787697	38.589	ng	100
12) 1,3-Dichlorobenzene	6.55	146	935442	38.486	ng	99
13) 1,4-Dichlorobenzene	6.63	146	991437	40.677	ng	99
14) 1,2-Dichlorobenzene	6.78	146	874134	38.728	ng	98
15) Benzyl Alcohol	6.76	79	436601	25.363	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1127037	38.068	ng	97
17) 2-Methylphenol	6.88	107	493341	27.290	ng	98
18) Hexachloroethane	7.13	117	336851	38.335	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	570905	37.721	ng	98
20) 3+4-Methylphenols	7.03	107	498907	23.901	ng	# 81
22) Acetophenone	7.02	105	1161301	44.050	ng	# 94
24) Nitrobenzene	7.20	77	877184	42.533	ng	100
25) Isophorone	7.44	82	1589495	41.449	ng	99
26) 2-Nitrophenol	7.51	139	459489	45.115	ng	99
27) 2,4-Dimethylphenol	7.56	122	670127	40.186	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	1005626	41.490	ng	99
29) 2,4-Dichlorophenol	7.75	162	682392	39.654	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	808169	42.516	ng	99
31) Naphthalene	7.92	128	2362067	41.786	ng	100
32) Benzoic acid	7.65	122	126575	10.634	ng	97
33) 4-Chloroaniline	7.97	127	406340	15.729	ng	98
34) Hexachlorobutadiene	8.04	225	437534	42.003	ng	98
35) Caprolactam	8.34	113	35437	6.125	ng	96
36) 4-Chloro-3-methylphenol	8.45	107	642584	36.871	ng	99
37) 2-Methylnaphthalene	8.61	142	1624698	42.627	ng	99
38) 1-Methylnaphthalene	8.71	142	1595301	43.825	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	726325	46.645	ng	99

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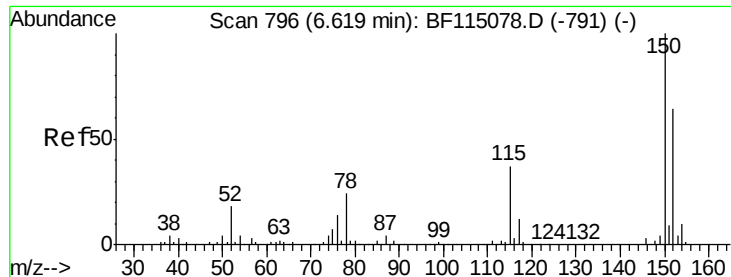
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	378456	40.988	nq	100
43) 2,4,6-Trichlorophenol	8.88	196	505419	42.042	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	521300	42.108	nq	97
46) 1,1'-Biphenyl	9.07	154	1887497	42.809	nq	98
47) 2-Chloronaphthalene	9.09	162	1511127	42.252	nq	97
48) 2-Nitroaniline	9.18	65	450987	43.252	nq	96
49) Acenaphthylene	9.51	152	2297657	41.234	nq	99
50) Dimethylphthalate	9.38	163	1771218	43.689	nq	100
51) 2,6-Dinitrotoluene	9.43	165	416616	44.512	nq	98
52) Acenaphthene	9.68	154	1688768	48.433	nq	99
53) 3-Nitroaniline	9.59	138	218066	19.092	nq	98
54) 2,4-Dinitrophenol	9.70	184	254527	55.341	nq	96
55) Dibenzofuran	9.85	168	2008004	40.124	nq	99
56) 4-Nitrophenol	9.76	139	252962	27.625	nq	95
57) 2,4-Dinitrotoluene	9.83	165	531457	43.975	nq	96
58) Fluorene	10.19	166	1542972	46.532	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	438058	42.198	nq	98
60) Diethylphthalate	10.08	149	1727196	42.383	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	671552	41.950	nq	97
62) 4-Nitroaniline	10.20	138	387317	33.802	nq	96
63) Azobenzene	10.34	77	1521428	39.970	nq	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	172490	35.258	nq	95
66) n-Nitrosodiphenylamine	10.30	169	1396392	46.718	nq	100
67) 4-Bromophenyl-phenylether	10.67	248	475187	45.683	nq	93
68) Hexachlorobenzene	10.74	284	500665	44.343	nq	97
69) Atrazine	10.84	200	431528	44.880	nq	99
70) Pentachlorophenol	10.92	266	562447	78.194	nq	96
71) Phenanthrene	11.14	178	2138862	41.406	nq	99
72) Anthracene	11.19	178	2188597	41.973	nq	100
73) Carbazole	11.34	167	1900798	40.823	nq	99
74) Di-n-butylphthalate	11.70	149	2378698	44.210	nq	99
75) Fluoranthene	12.34	202	2031797	39.422	nq	98
77) Benzidine	12.46	184	196484	6.849	nq	97
78) Pyrene	12.57	202	2032153	40.928	nq	99
80) Butylbenzylphthalate	13.25	149	980239	44.735	nq	97
81) Benzo(a)anthracene	13.85	228	1878923	40.530	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	512107	30.590	nq	98
83) Chrysene	13.89	228	1639565	38.609	nq	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	1240895	43.219	nq	100
85) Di-n-octyl phthalate	14.60	149	2241353	46.462	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1702056	33.872	nq	99
88) Benzo(b)fluoranthene	15.02	252	1891160m	45.124	nq	
89) Benzo(k)fluoranthene	15.05	252	1827545	48.625	nq	99
90) Benzo(a)pyrene	15.36	252	1722694	45.605	nq	100
91) Dibenzo(a,h)anthracene	16.74	278	1463737	41.507	nq	98
92) Benzo(g,h,i)perylene	17.11	276	1343383	37.638	nq	99

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



#1

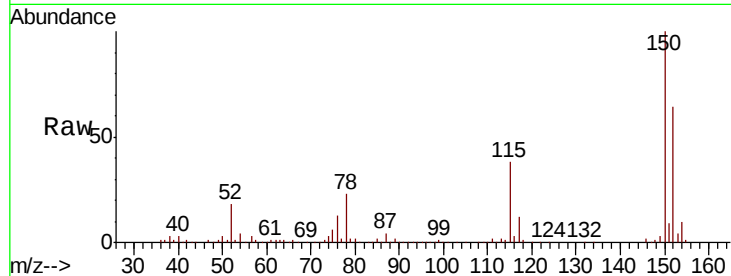
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	59.2	46.1	69.1

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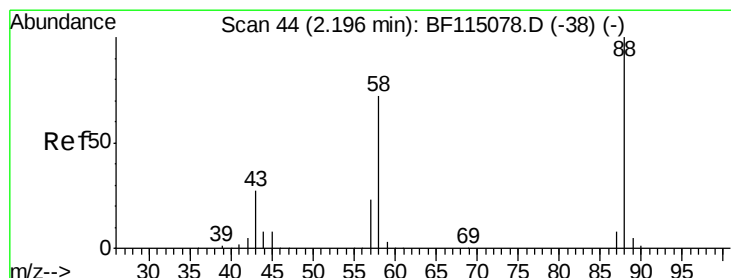
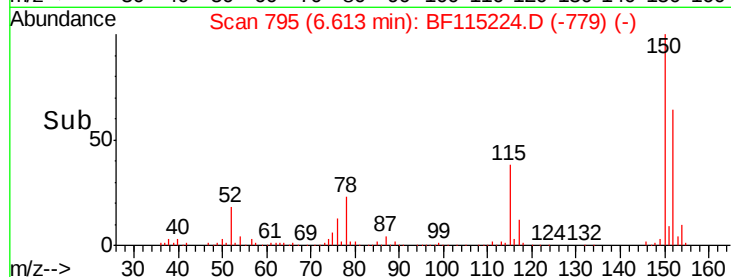
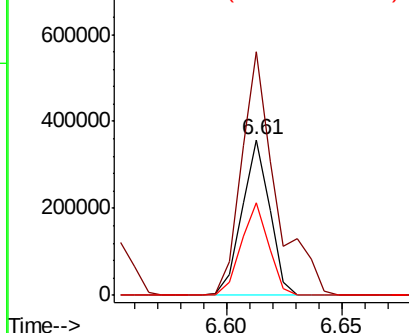


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

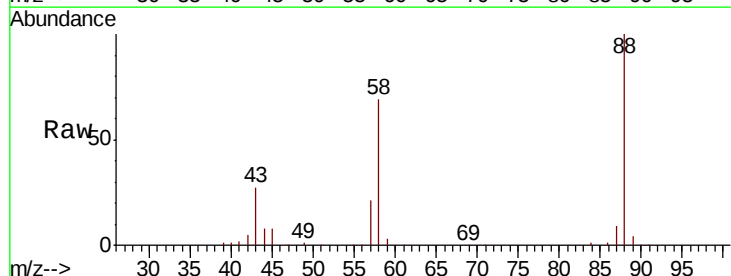
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.976 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.06 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	56.1	84.1
43	26.6	21.3	31.9

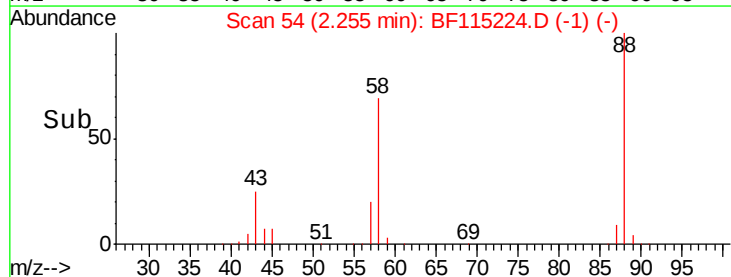
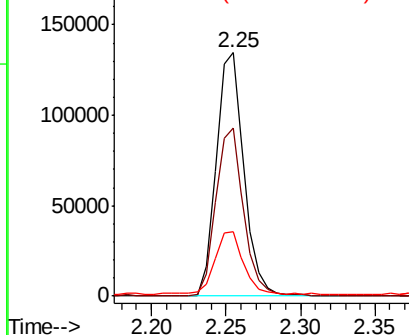


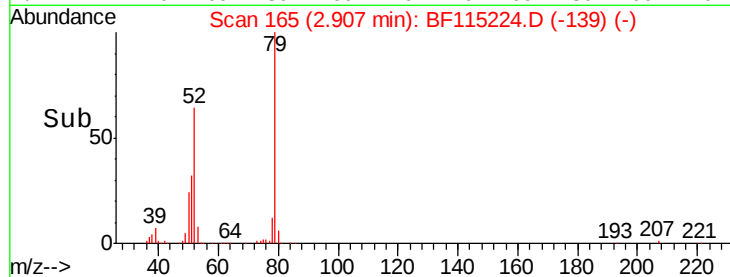
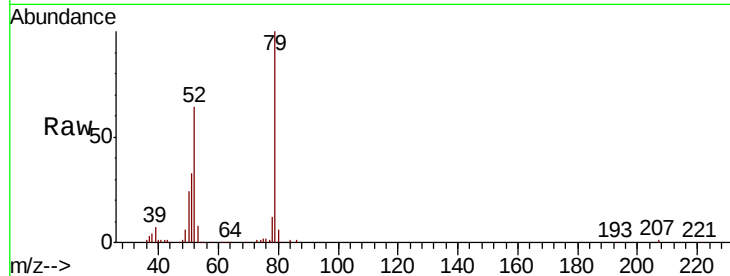
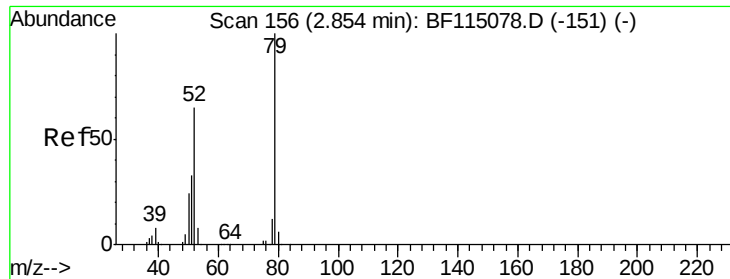
Abundance

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





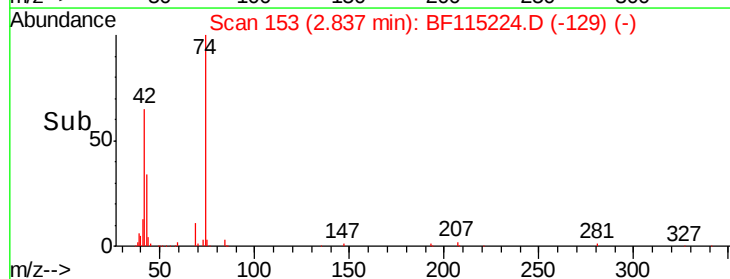
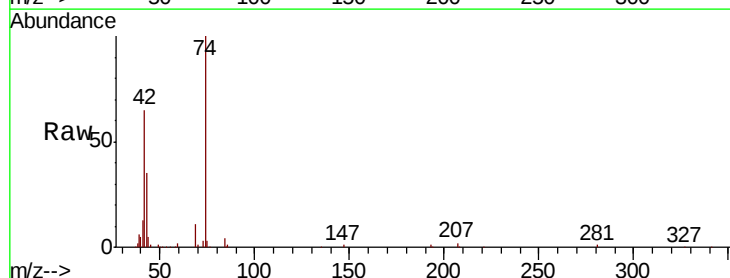
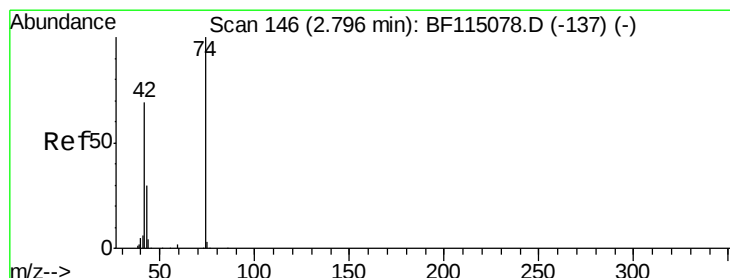
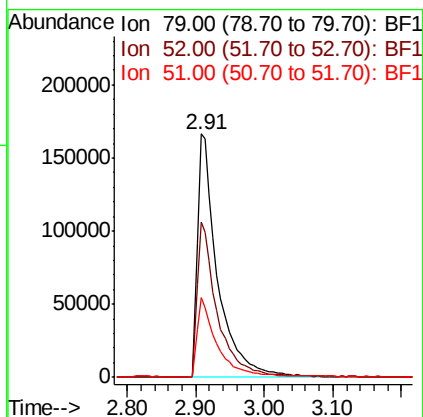
#3
Pvridine
Concen: 13.266 ng
RT: 2.91 min Scan# 165
Delta R.T. 0.05 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.0	52.3	78.5
51	32.5	26.1	39.1

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ClientSampleId :
SS043MW010-190611MSD

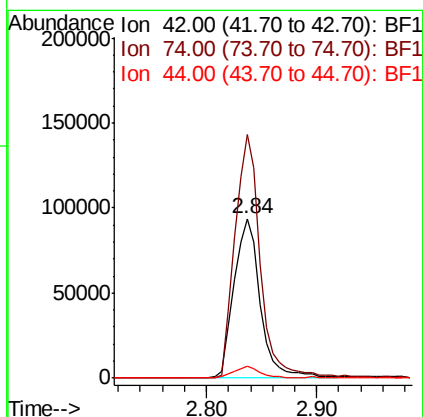
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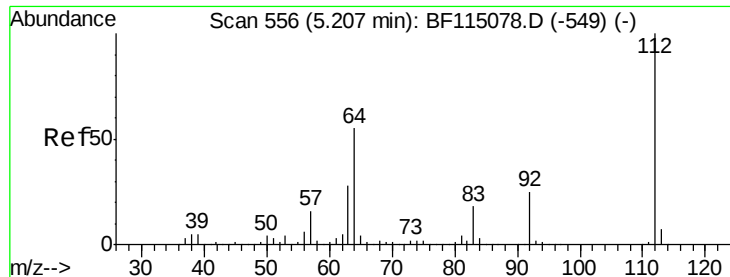
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#4
n-Nitrosodimethylamine
Concen: 15.491 ng
RT: 2.84 min Scan# 153
Delta R.T. 0.04 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.8	116.6	175.0
44	7.2	5.3	7.9





#5

2-Fluorophenol

Concen: 55.207 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

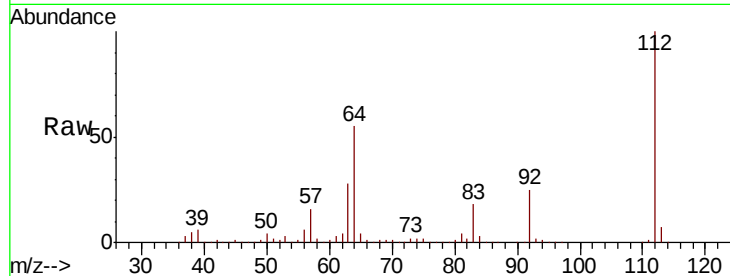
ClientSampleId :

SS043MW010-190611MSD

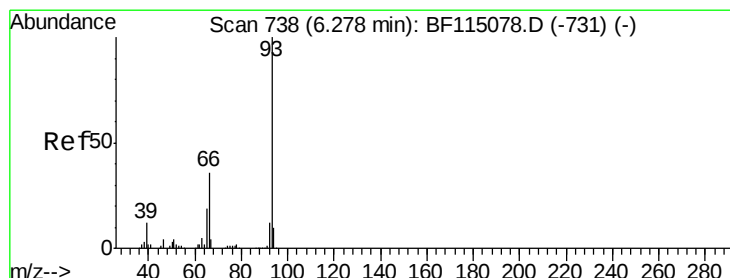
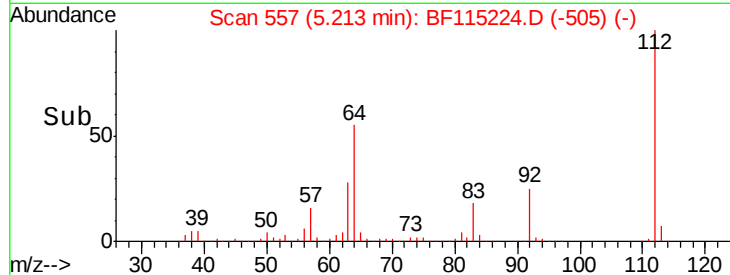
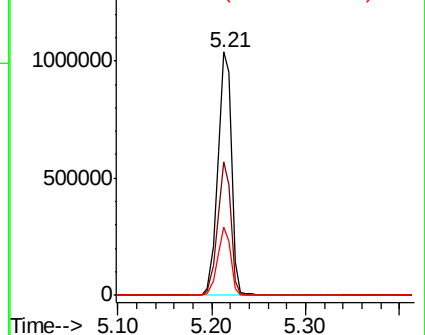
Tot Ion:	112	Resp:	1075271
Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.8	65.6
63	27.8	22.2	33.4

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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: 14.192 ng

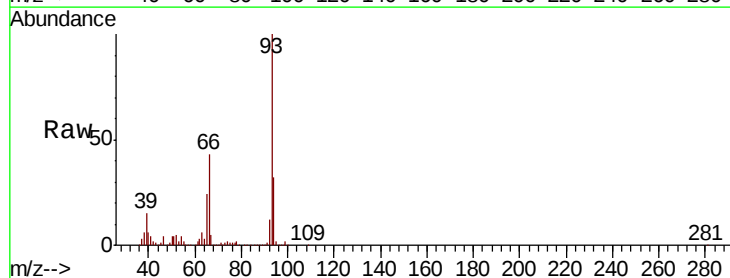
RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

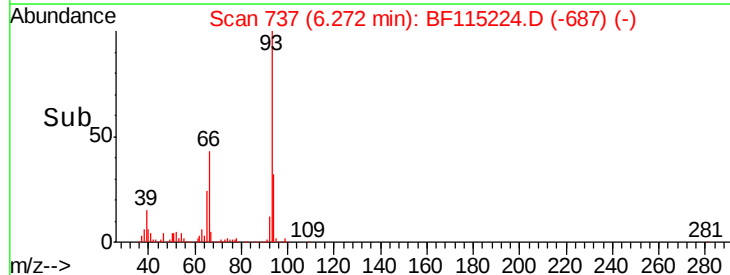
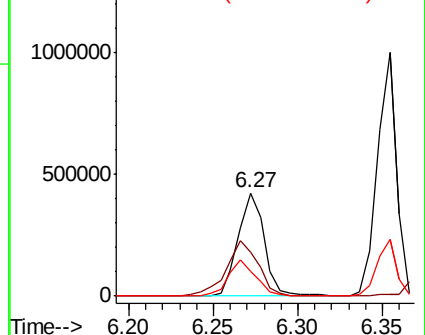
Lab File: BF115224.D

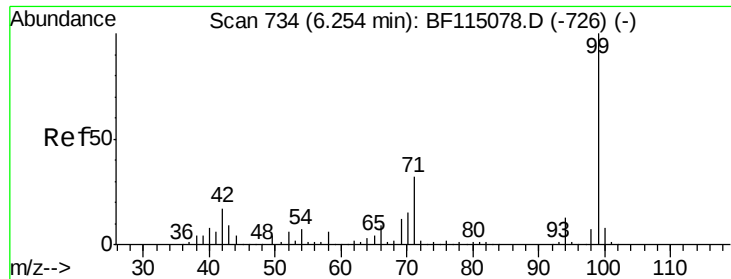
Acq: 26 Jun 2019 17:40

Tgt Ion:	93	Resp:	461105
Ion	Ratio	Lower	Upper
93	100		
66	43.0	30.0	45.0
65	23.9	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: 36.742 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

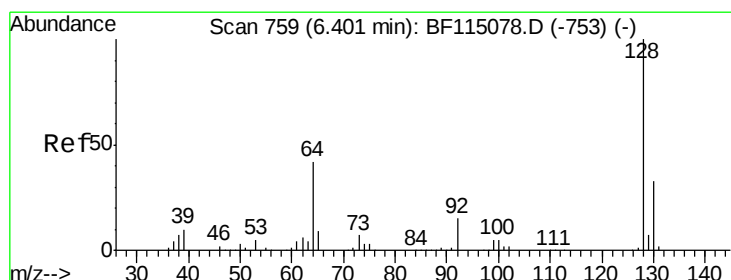
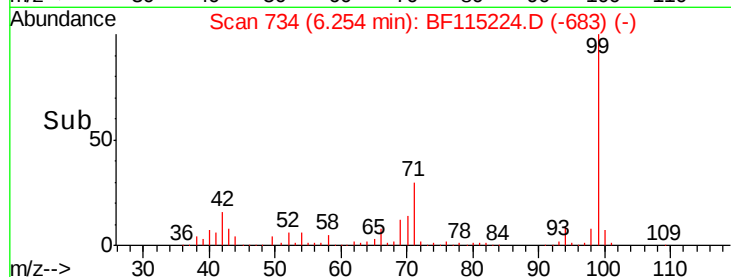
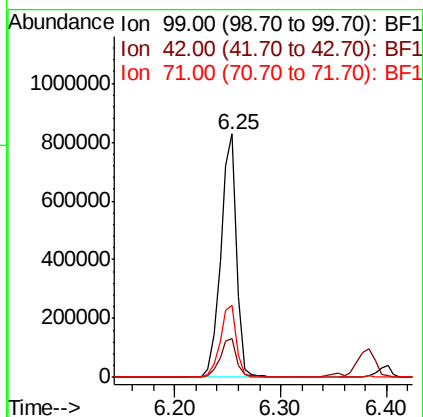
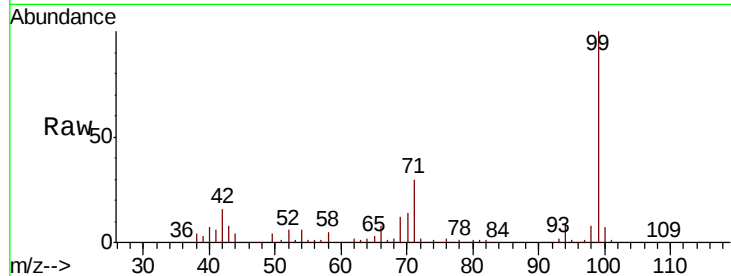
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	99	Resp:	868595
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.6	20.4
71	29.9	25.5	38.3

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#8

2-Chlorophenol

Concen: 32.123 ng

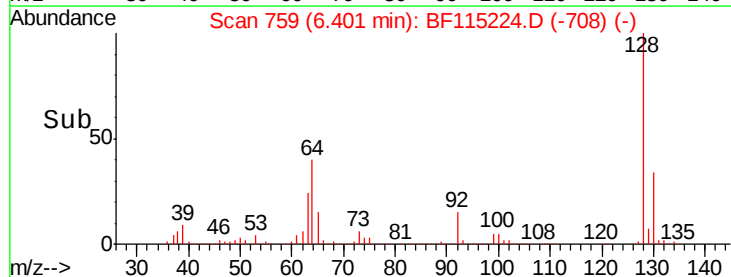
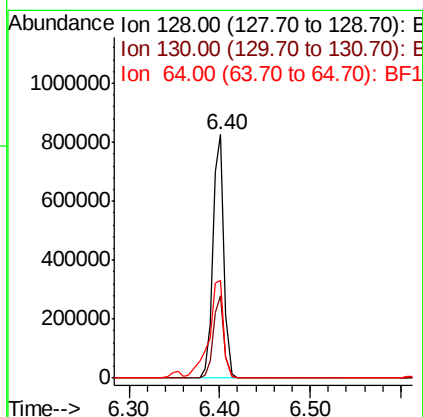
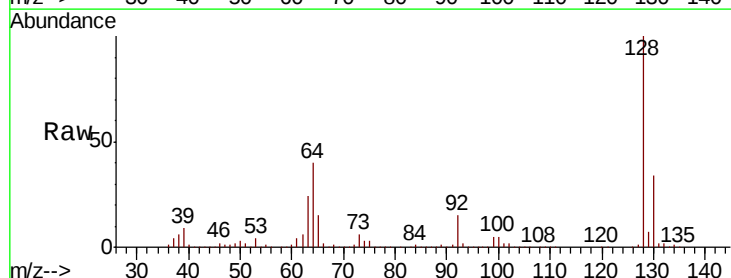
RT: 6.40 min Scan# 759

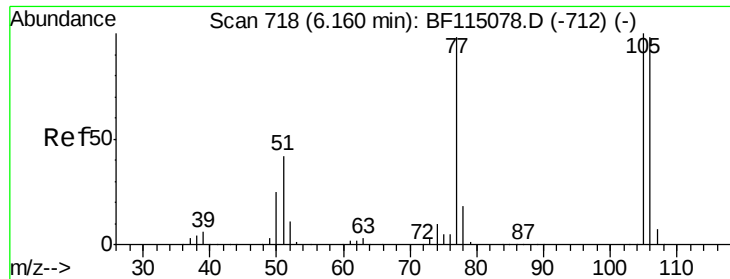
Delta R.T. 0.00 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	128	Resp:	703517
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.9	52.9
64	40.0	22.9	62.9





#9

Benzaldehyde

Concen: 11.260 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

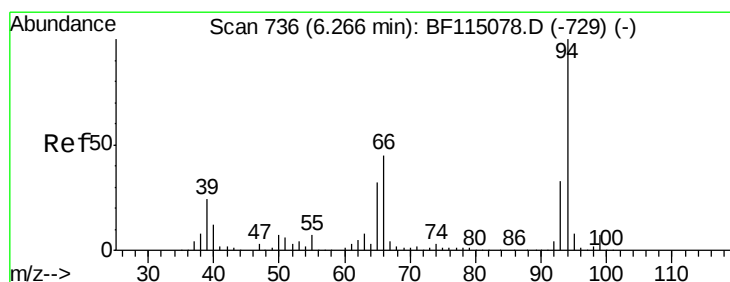
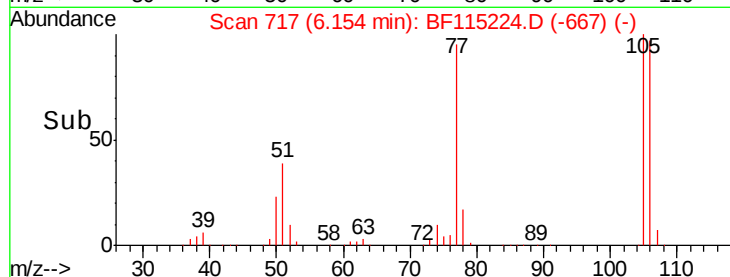
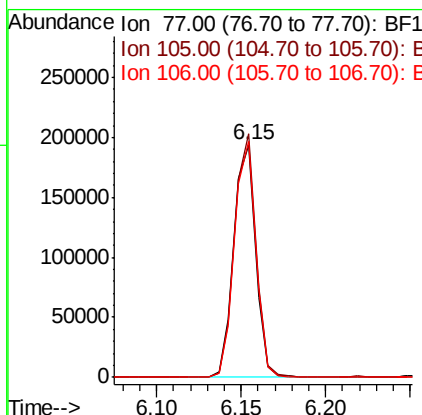
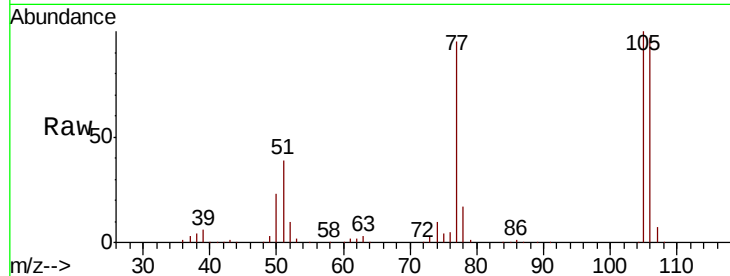
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	77	Resp:	173663
Ion	Ratio	Lower	Upper
77	100		
105	104.9	81.5	121.5
106	101.7	79.7	119.7

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#10

Phenol

Concen: 12.781 ng

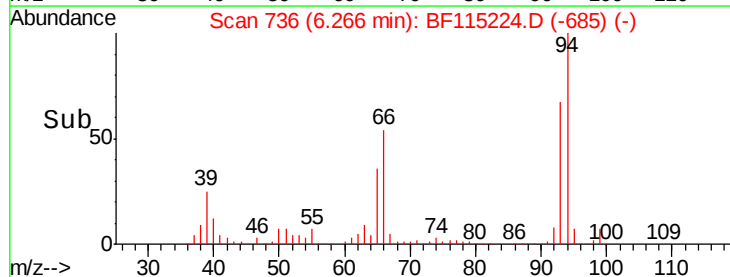
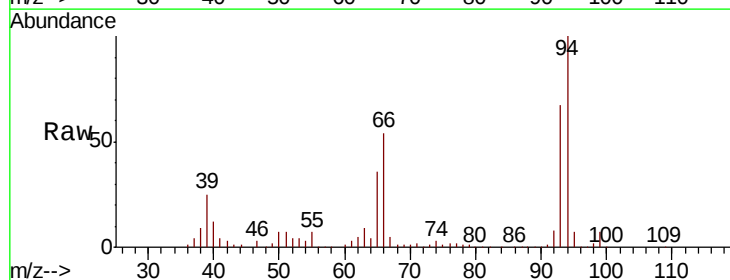
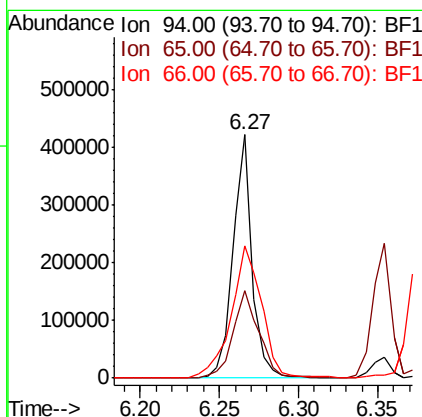
RT: 6.27 min Scan# 736

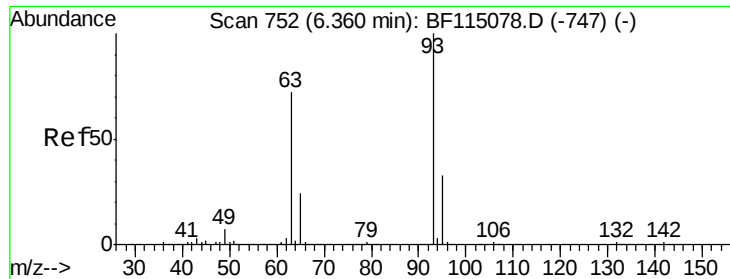
Delta R.T. 0.00 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	94	Resp:	353932
Ion	Ratio	Lower	Upper
94	100		
65	35.8	11.9	51.9
66	54.1	25.2	65.2





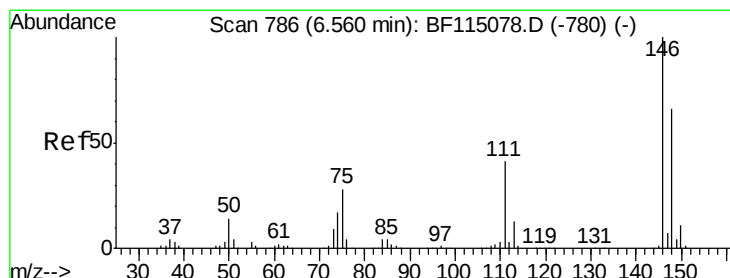
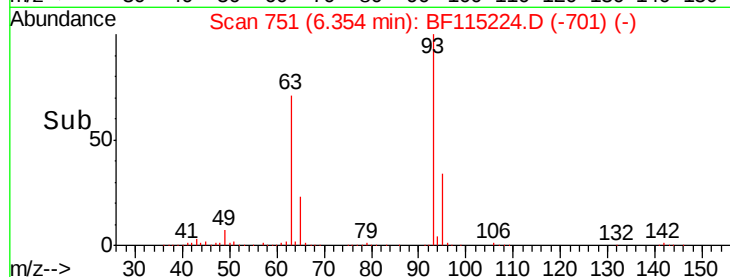
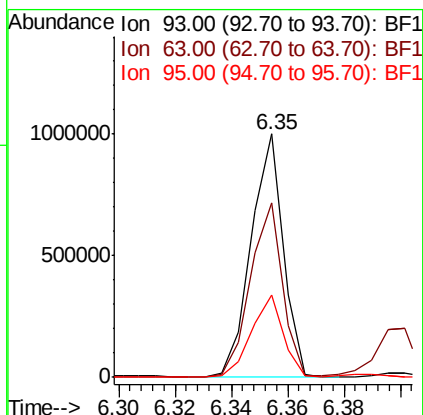
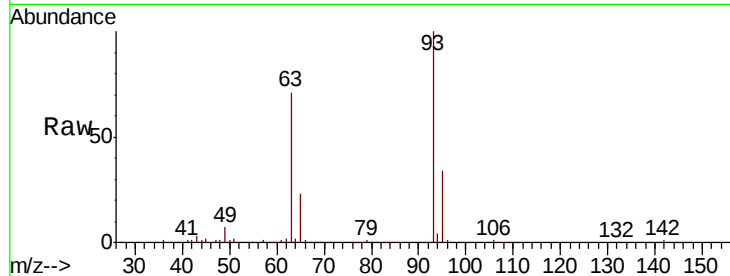
#11
bis(2-Chloroethyl)ether
Concen: 38.589 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion:	93	Resp:	787697
Ion Ratio	Lower	Upper	
93	100		
63	71.4	51.5	91.5
95	33.6	13.4	53.4

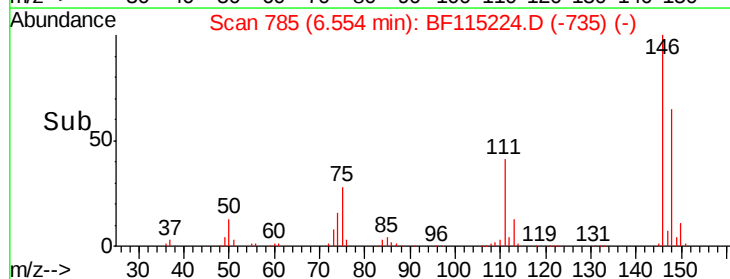
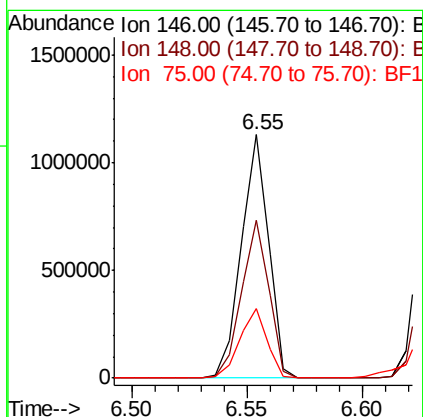
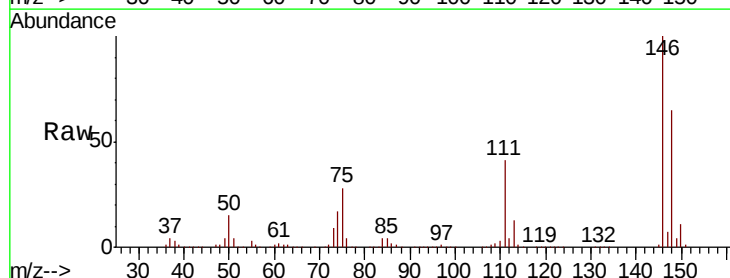
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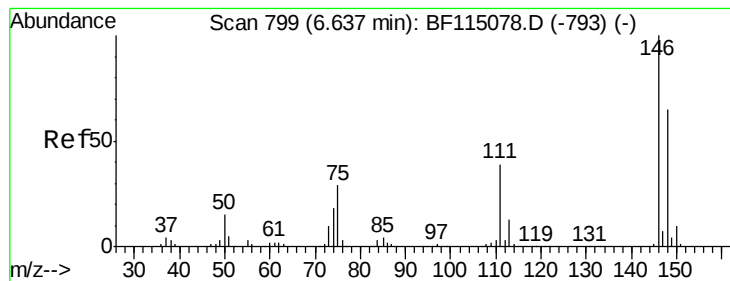
mohammad
6/27/2019 8:32:22 AM



#12
1,3-Dichlorobenzene
Concen: 38.486 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:	146	Resp:	935442
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.6	78.8
75	28.4	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 40.677 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

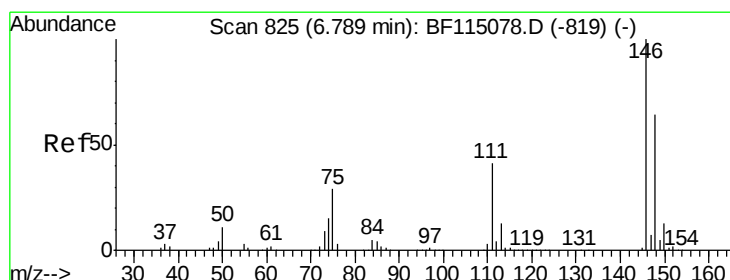
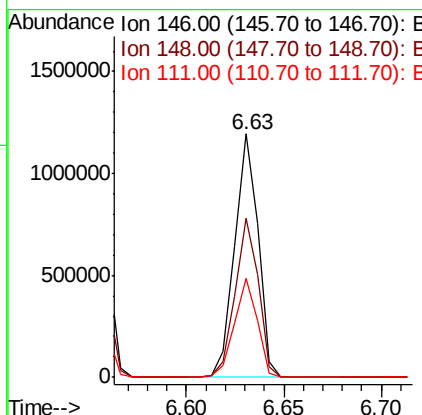
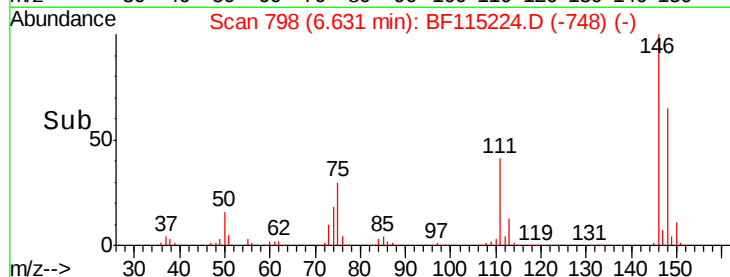
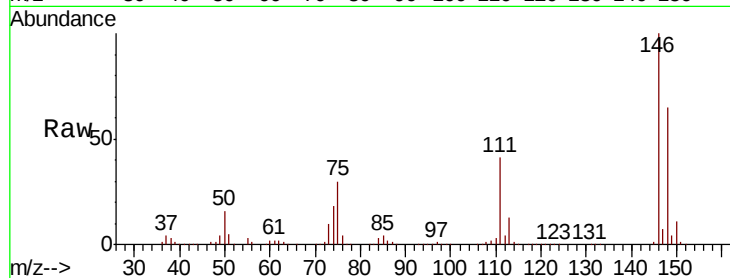
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	146	Resp:	991437
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.9	77.9
111	40.6	31.4	47.0

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#14

1,2-Dichlorobenzene

Concen: 38.728 ng

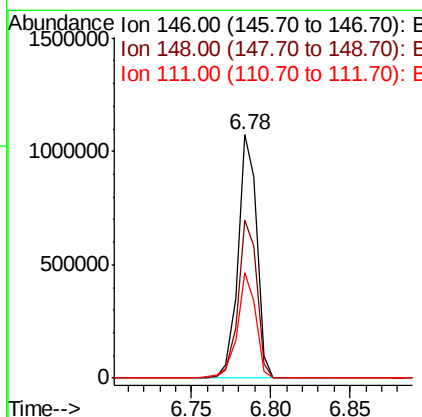
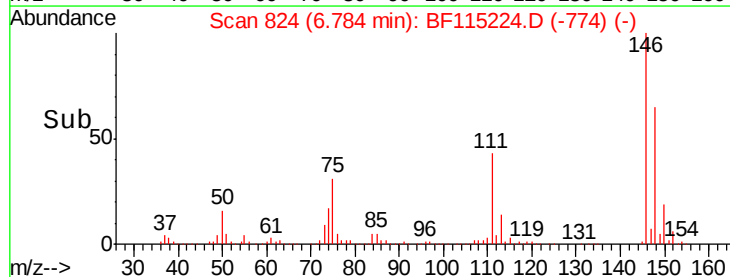
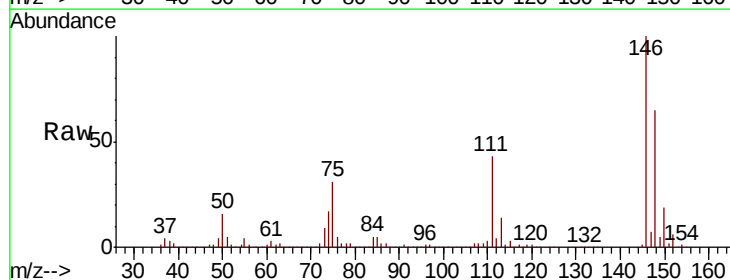
RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	146	Resp:	874134
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.1	76.7
111	43.3	33.2	49.8





#15

Benzyl Alcohol

Concen: 25.363 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

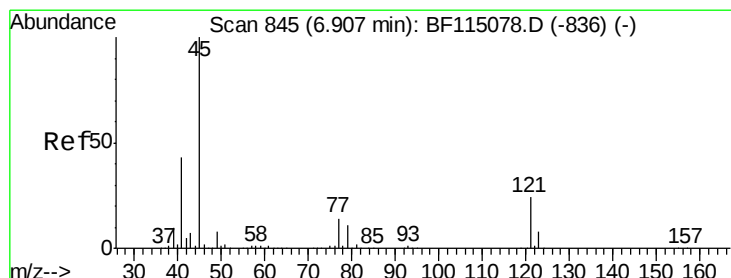
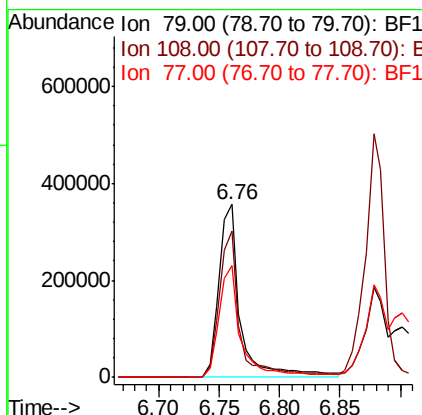
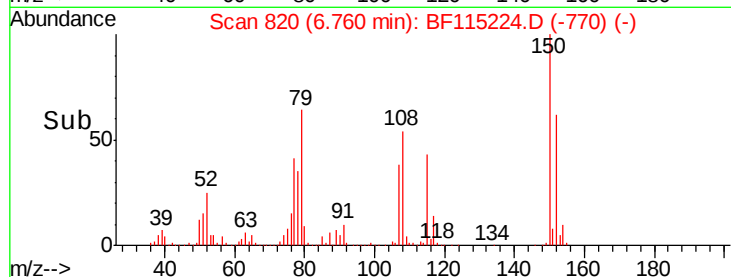
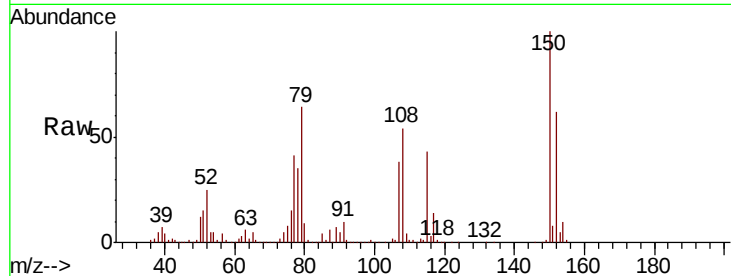
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	79	Resp:	436601
Ion	Ratio	Lower	Upper
79	100		
108	84.6	68.7	103.1
77	64.5	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.068 ng

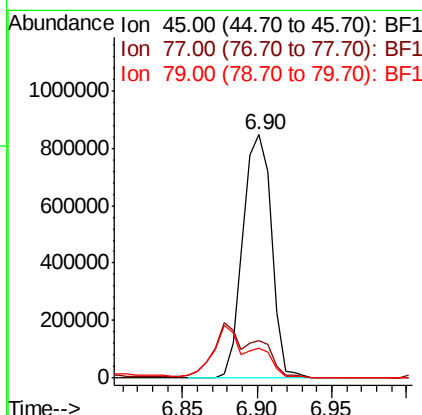
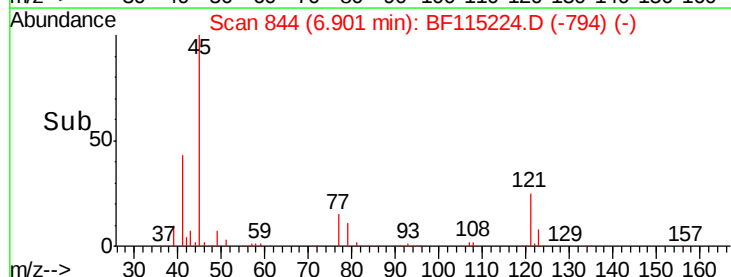
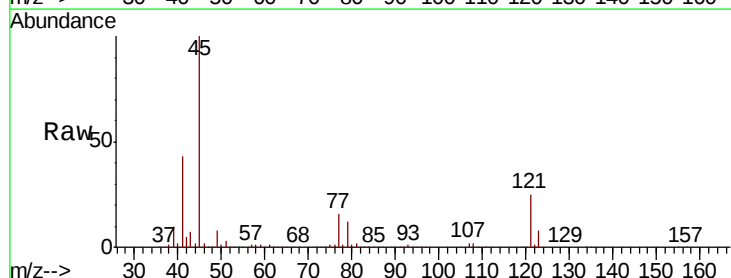
RT: 6.90 min Scan# 844

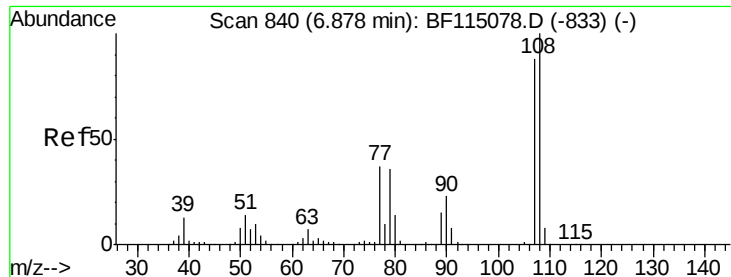
Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	45	Resp:	1127037
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	34.6
79	12.3	0.0	31.2





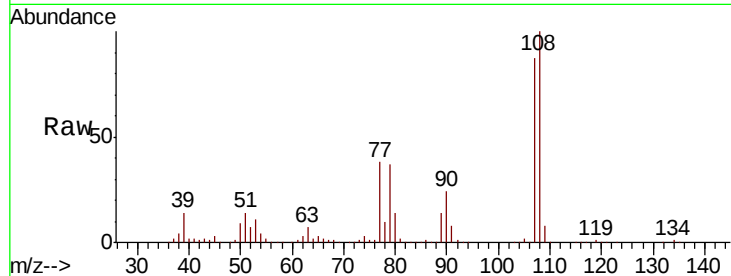
#17
2-Methylphenol
Concen: 27.290 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleID :
SS043MW010-190611MSD

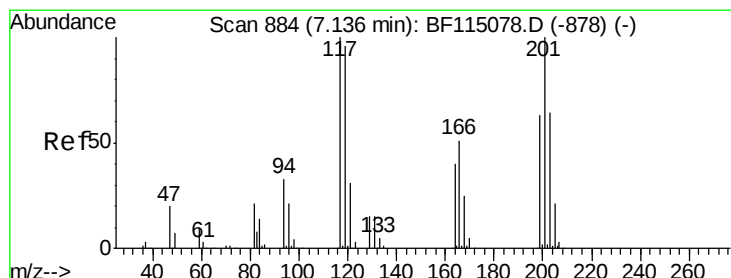
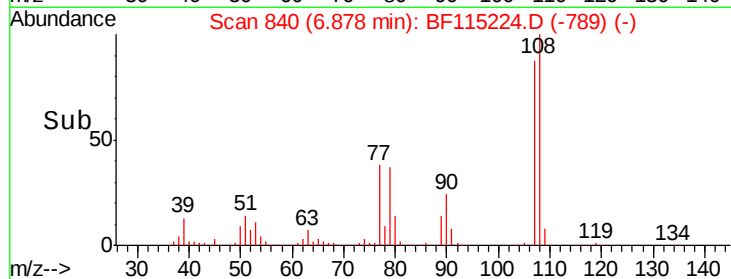
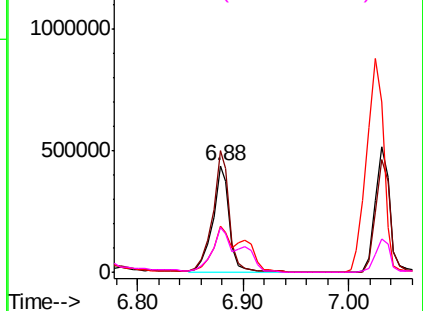
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	90.9	136.3	
77	43.7	33.4	50.2	
79	42.4	32.3	48.5	

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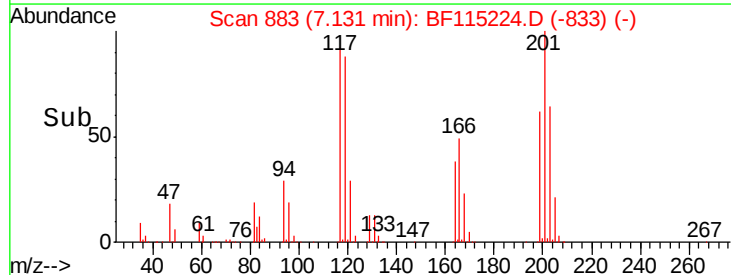
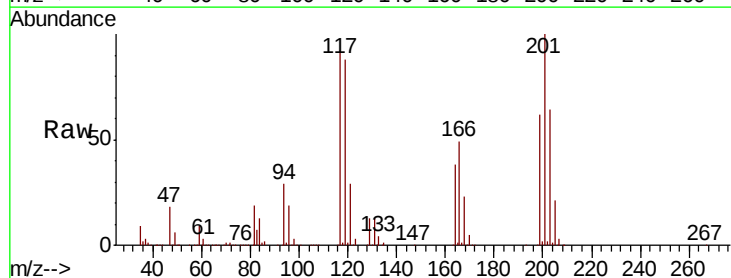
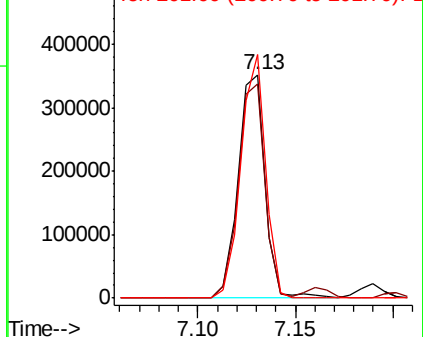
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

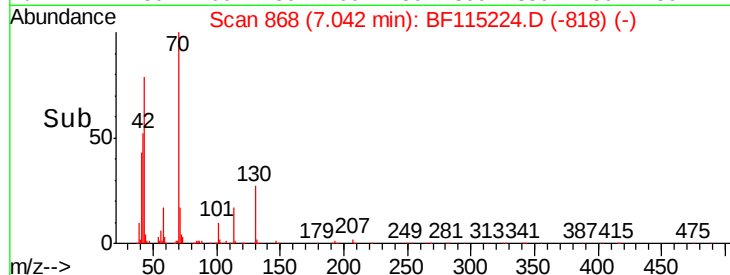
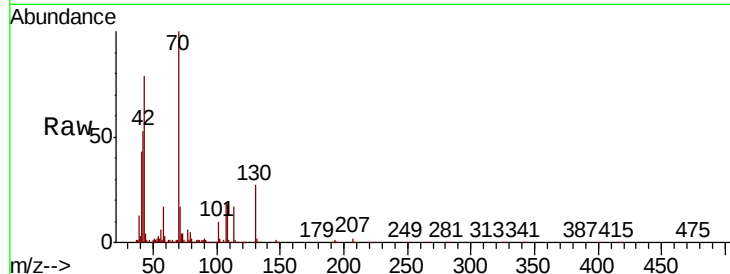
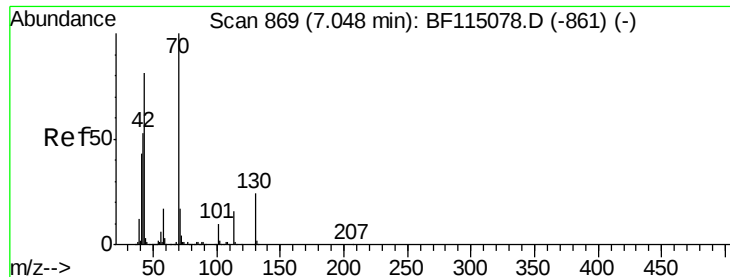


#18
Hexachloroethane
Concen: 38.335 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.6	114.8	
201	108.9	80.2	120.2	

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





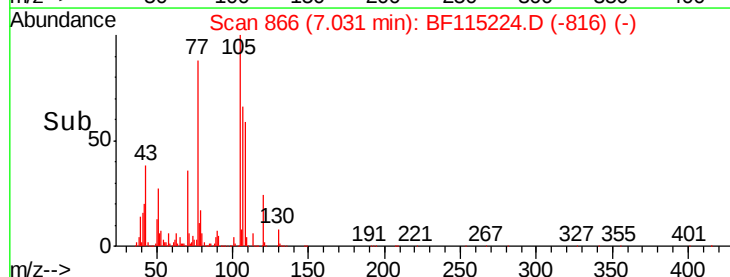
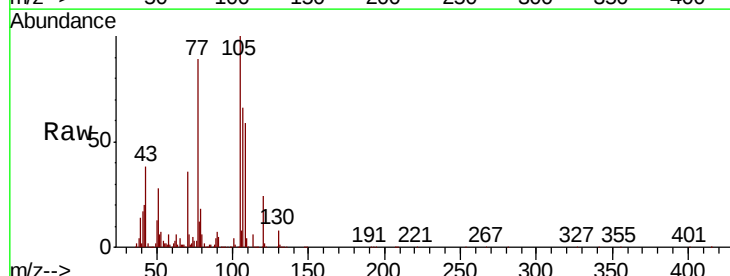
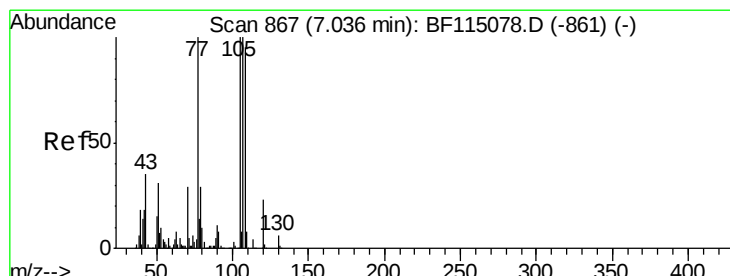
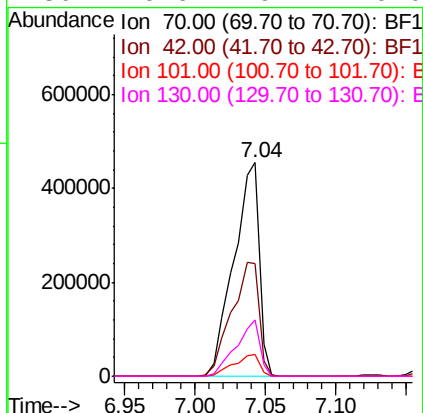
#19
n-Nitroso-di-n-propylamine
Concen: 37.721 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	42.6	63.8	
101	10.4	8.0	12.0	
130	26.6	19.4	29.0	

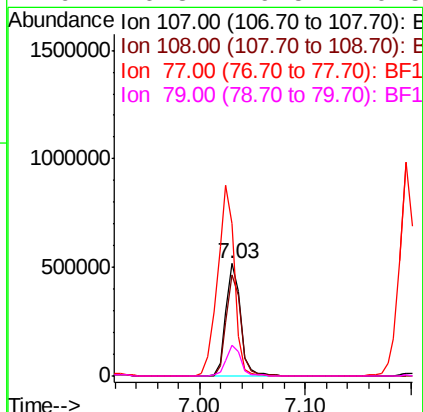
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#20
3+4-Methylphenols
Concen: 23.901 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	75.5	115.5	
77	134.9	80.2	120.2	
79	26.8	9.5	49.5	





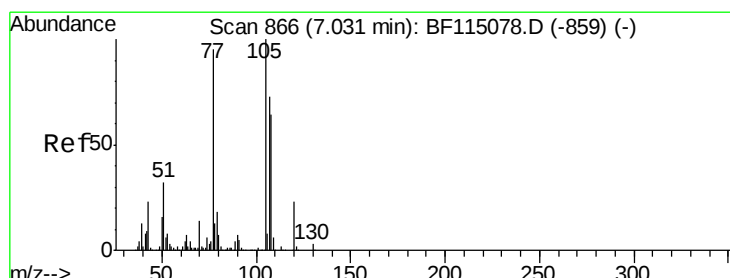
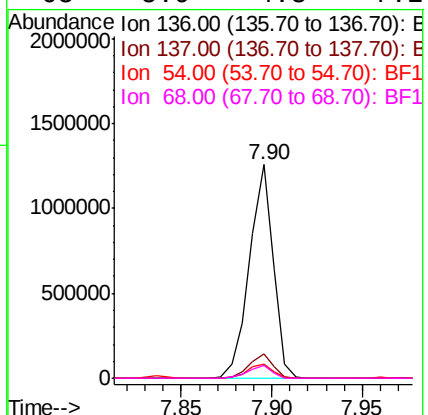
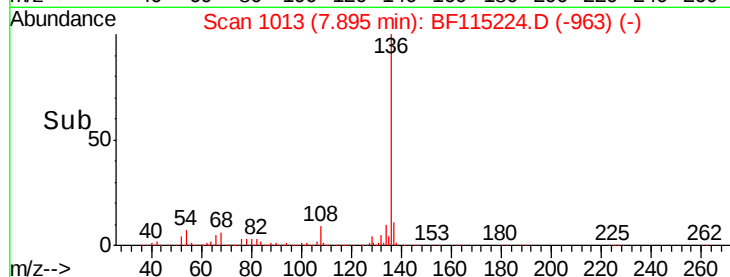
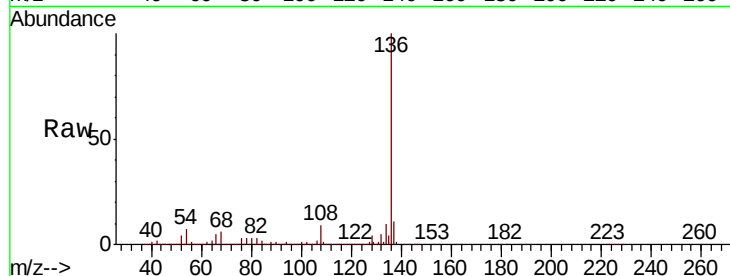
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.8	5.6	8.4
68	5.9	4.8	7.2

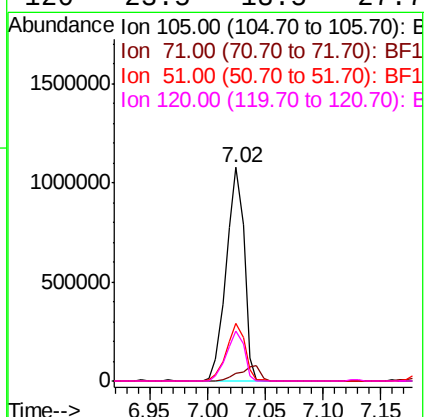
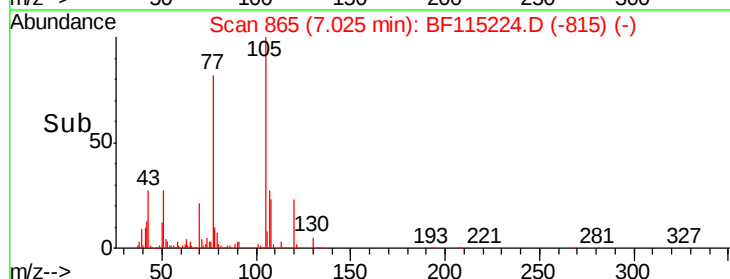
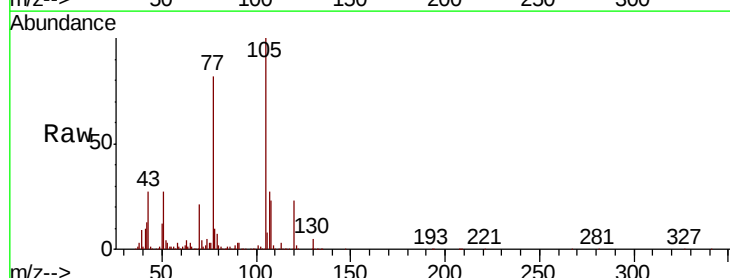
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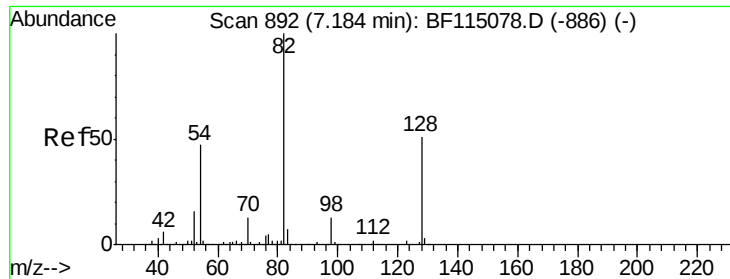
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#22
Acetophenone
Concen: 44.050 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.7	1.9	2.9#
51	26.9	25.8	38.8
120	23.5	18.5	27.7





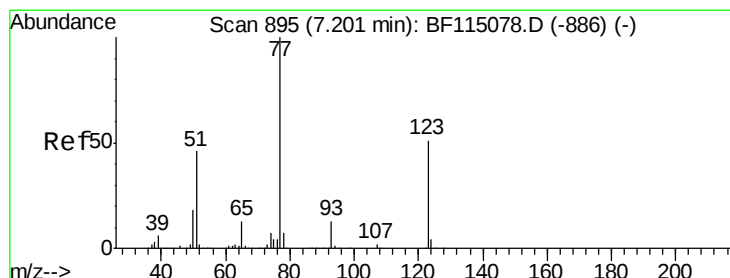
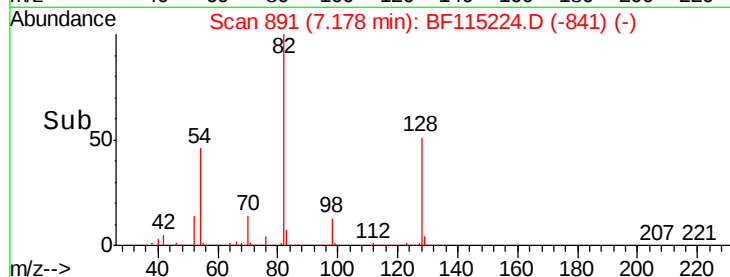
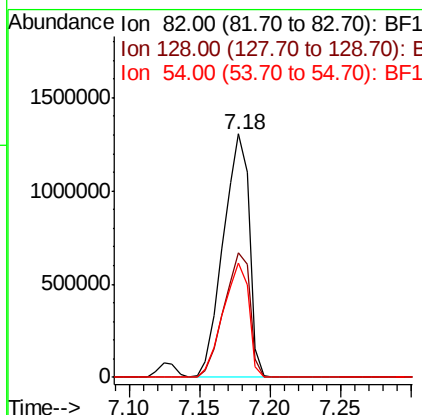
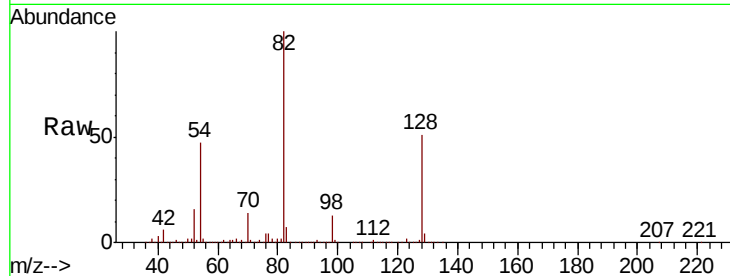
#23
 Nitrobenzene-d5
 Concen: 89.023 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MSD

Tot Ion: 82 Resp: 1666502
 Ion Ratio Lower Upper
 82 100
 128 51.2 40.4 60.6
 54 46.8 37.5 56.3

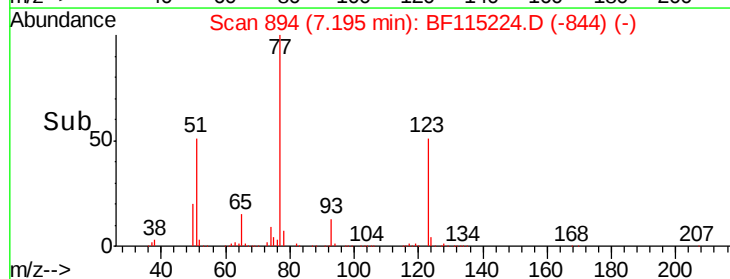
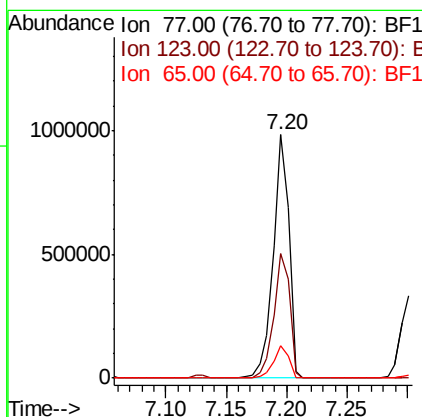
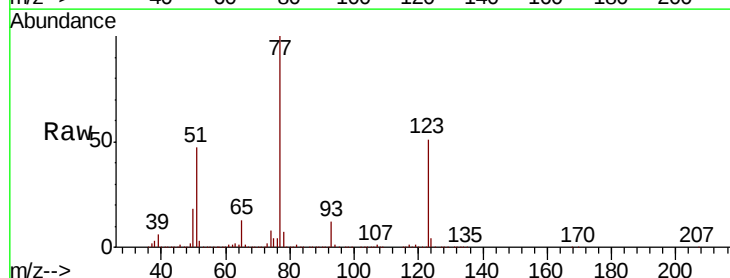
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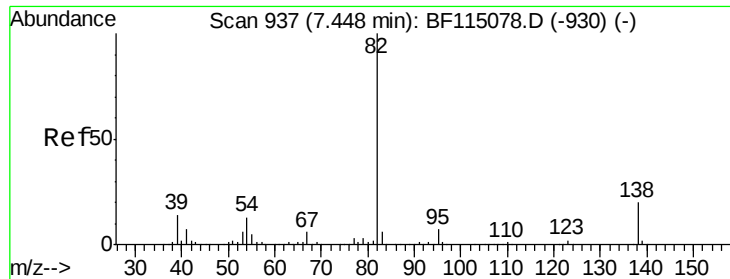
mohammad
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#24
 Nitrobenzene
 Concen: 42.533 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion: 77 Resp: 877184
 Ion Ratio Lower Upper
 77 100
 123 50.9 41.0 61.6
 65 13.2 10.5 15.7





#25

Isophorone

Concen: 41.449 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MSD

Tot Ion: 82 Resp: 1589495

Ion Ratio Lower Upper

82 100

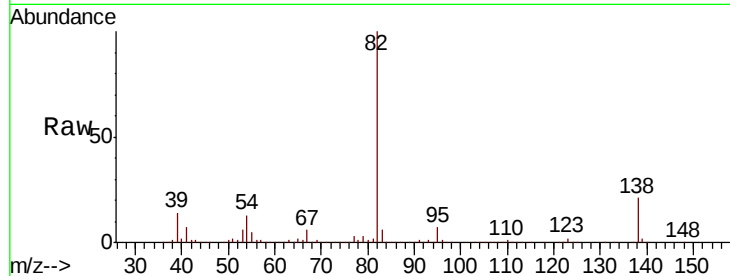
95 7.1 5.4 8.2

138 20.6 15.9 23.9

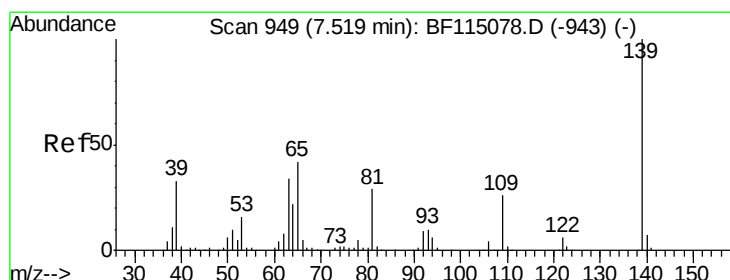
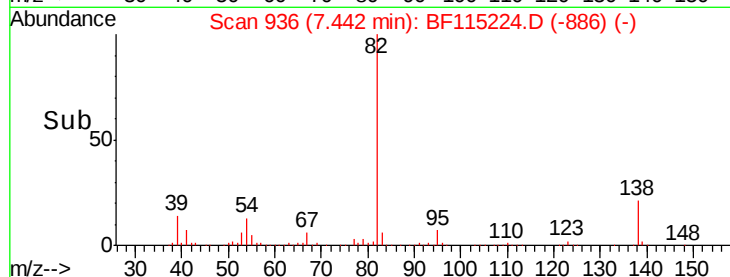
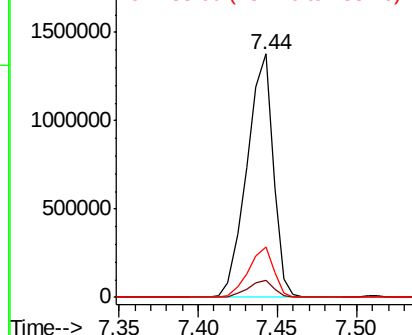
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 45.115 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

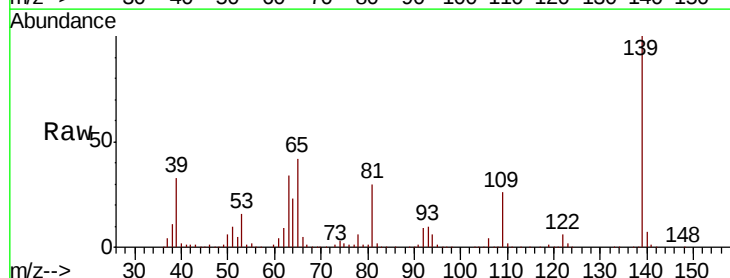
Tgt Ion: 139 Resp: 459489

Ion Ratio Lower Upper

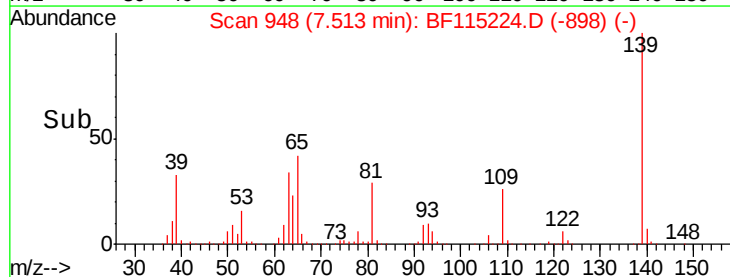
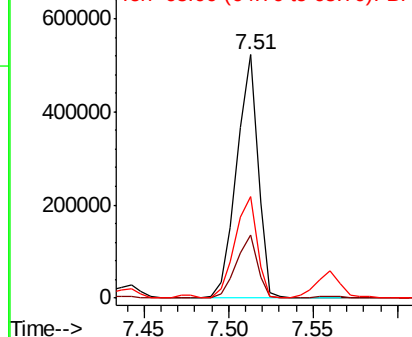
139 100

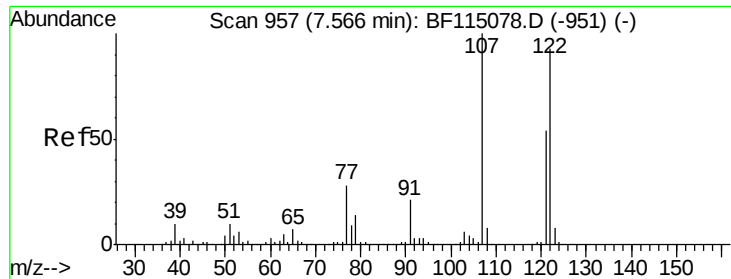
109 25.9 20.4 30.6

65 41.8 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: 40.186 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

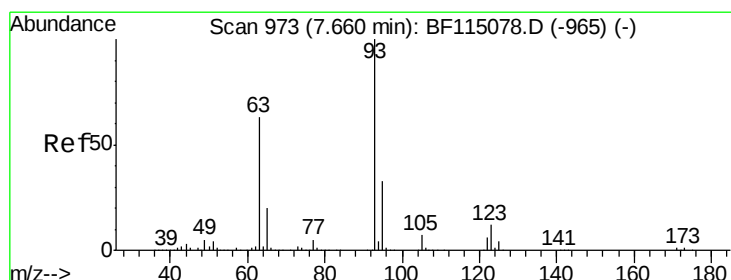
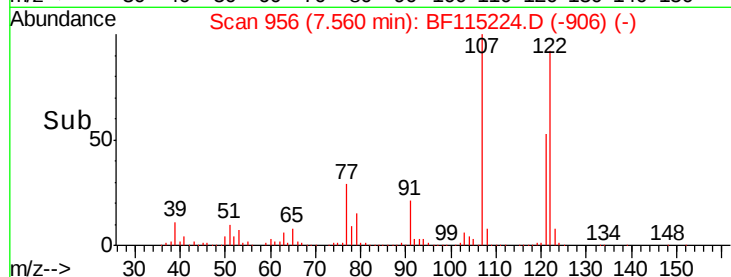
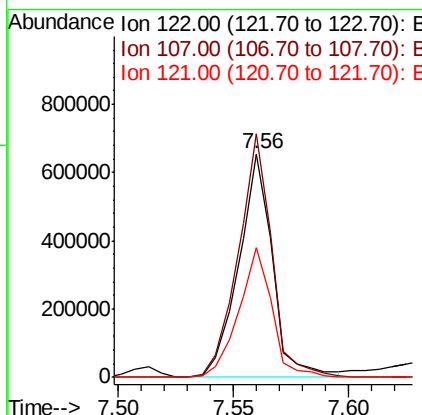
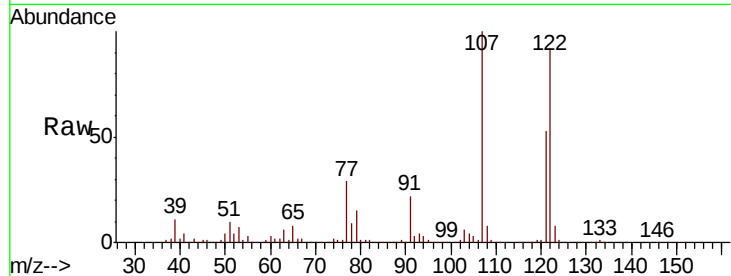
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	122	Resp:	670127
Ion Ratio	Lower	Upper	
122	100		
107	109.1	85.8	128.6
121	58.1	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.490 ng

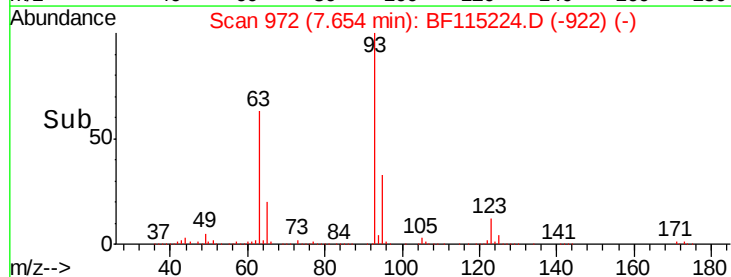
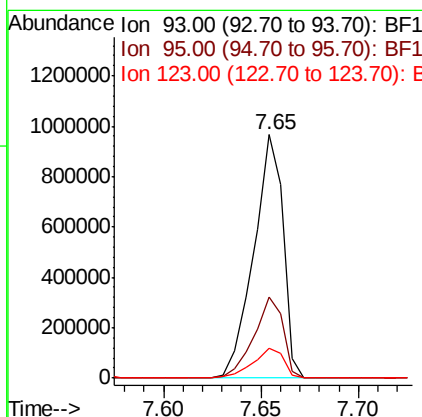
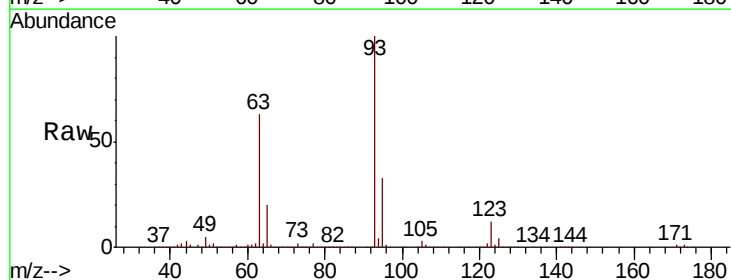
RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	93	Resp:	1005626
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.4
123	12.1	9.7	14.5





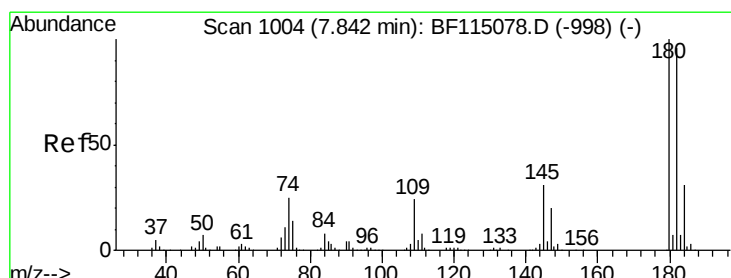
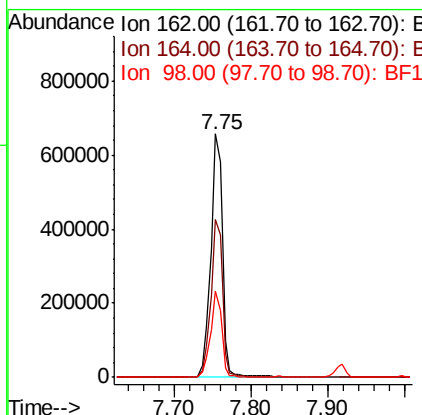
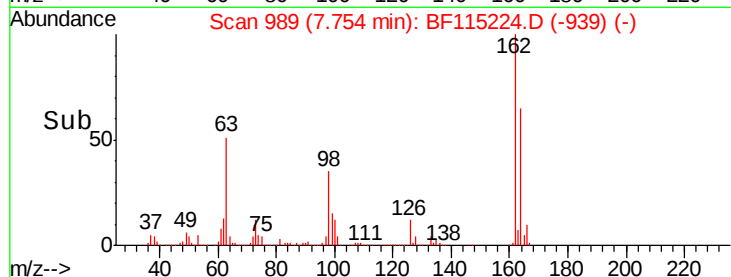
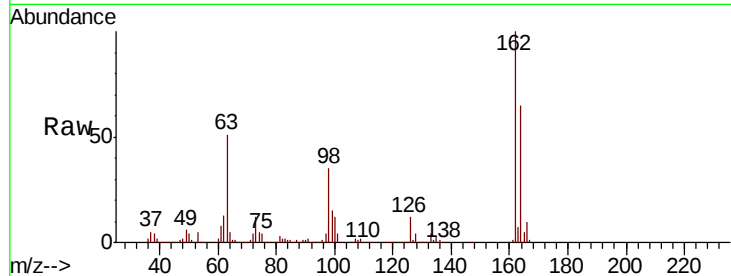
#29
 2,4-Dichlorophenol
 Concen: 39.654 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	682392		
164	64.6	45.3	85.3	
98	35.4	12.5	52.5	

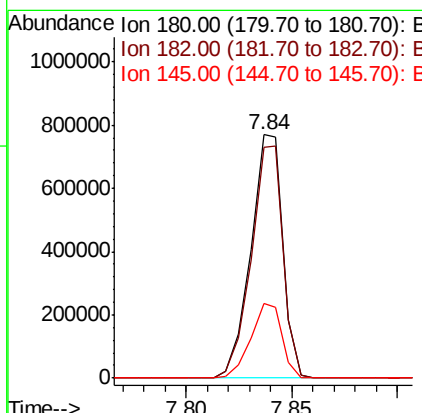
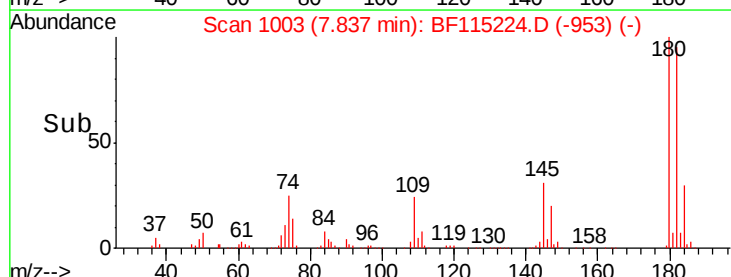
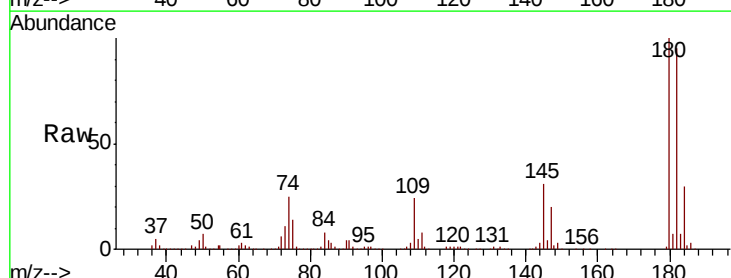
Manual Integrations
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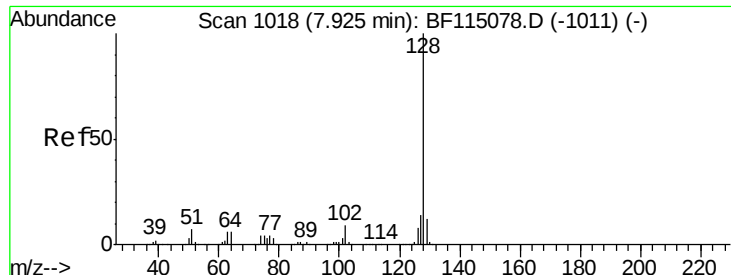
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.516 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	808169		
182	95.0	76.4	114.6	
145	30.7	24.8	37.2	





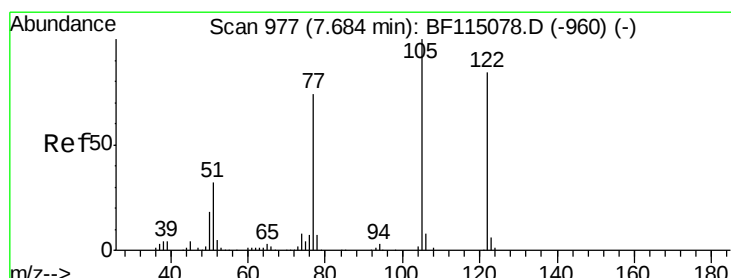
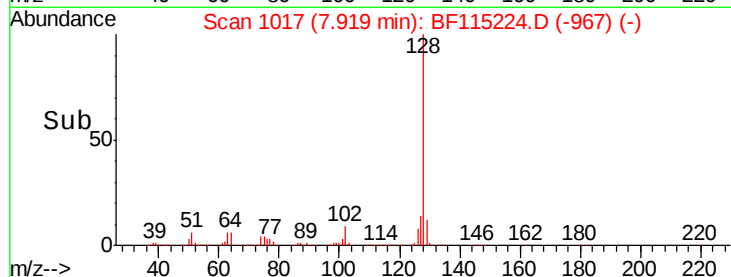
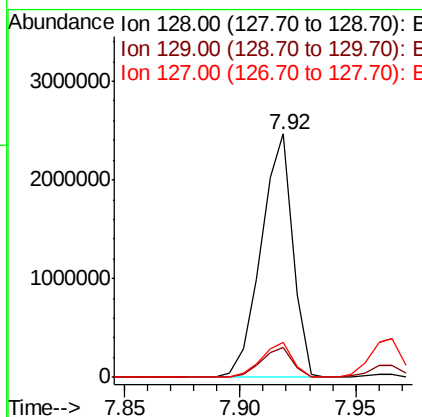
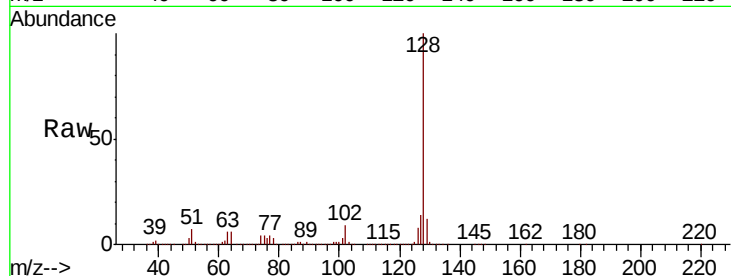
#31
Naphthalene
Concen: 41.786 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.3	11.4	17.0

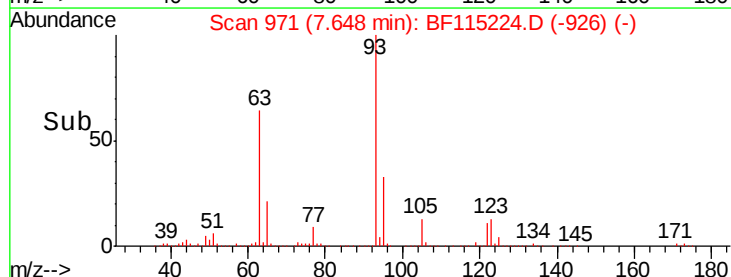
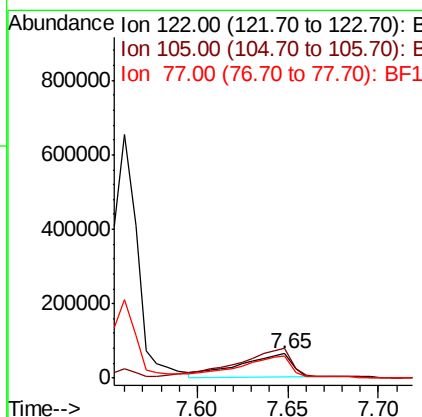
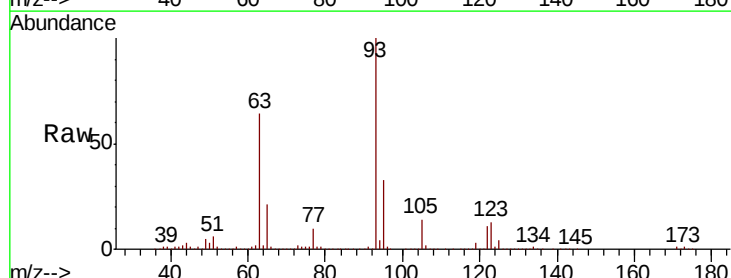
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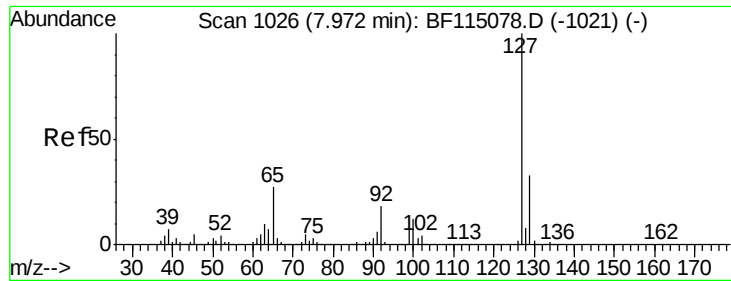
mohammad
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#32
Benzoic acid
Concen: 10.634 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	98.2	138.2
77	89.6	67.0	107.0





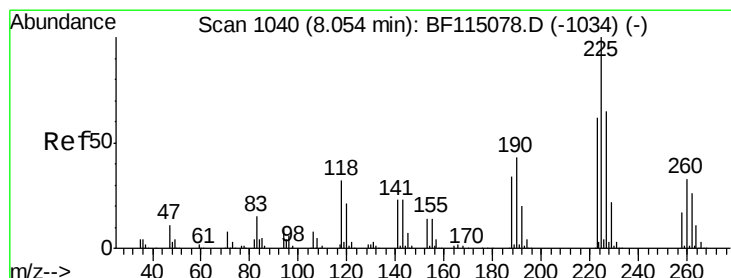
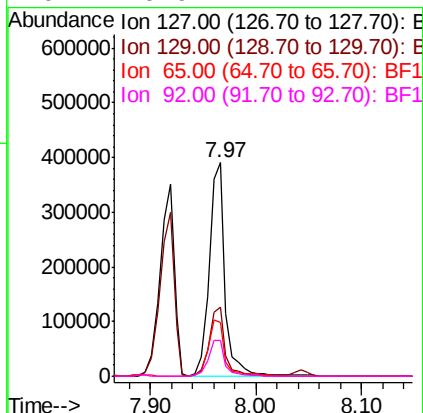
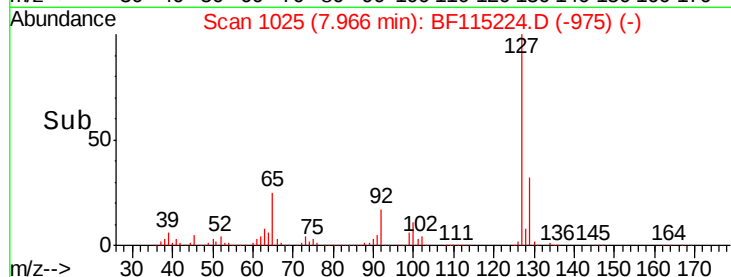
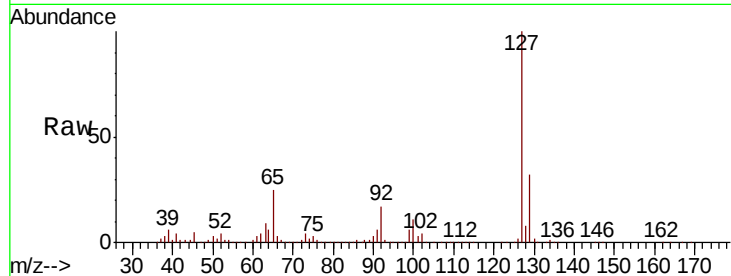
#33
4-Chloroaniline
Concen: 15.729 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.1	39.1		
65	24.9	21.4	32.2		
92	16.9	14.1	21.1		

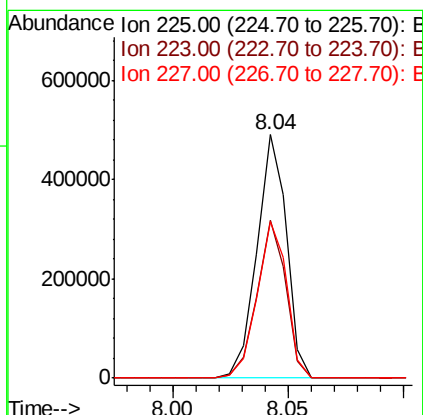
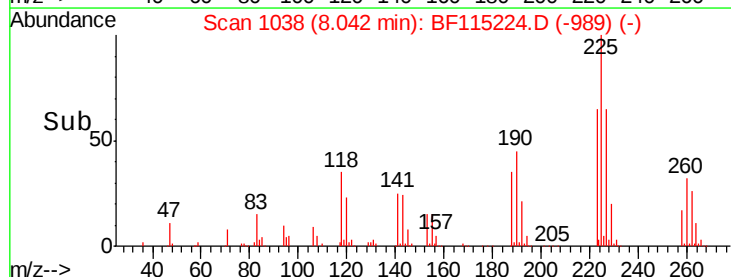
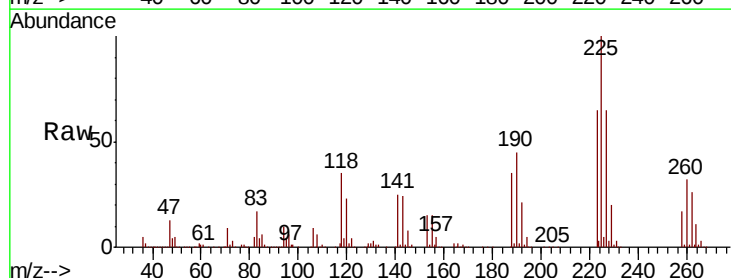
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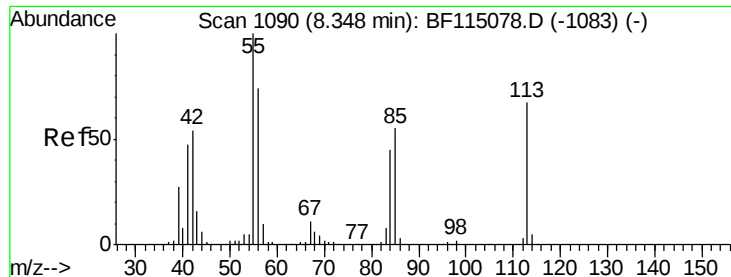
mohammad
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#34
Hexachlorobutadiene
Concen: 42.003 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	49.4	74.2		
227	64.6	51.8	77.8		





#35

Caprolactam

Concen: 6.125 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

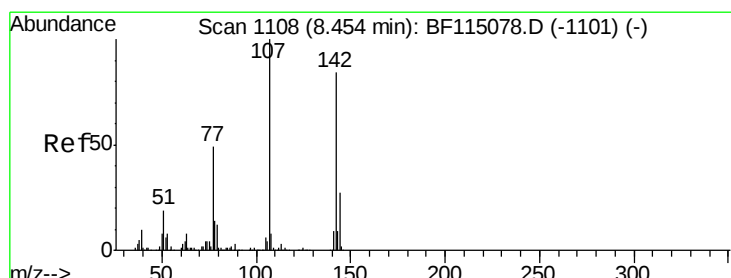
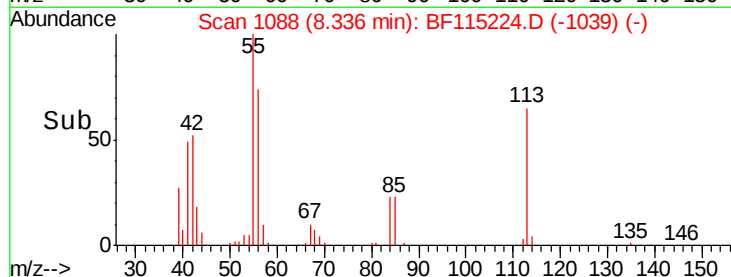
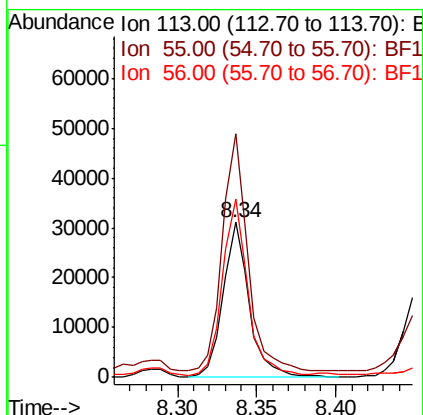
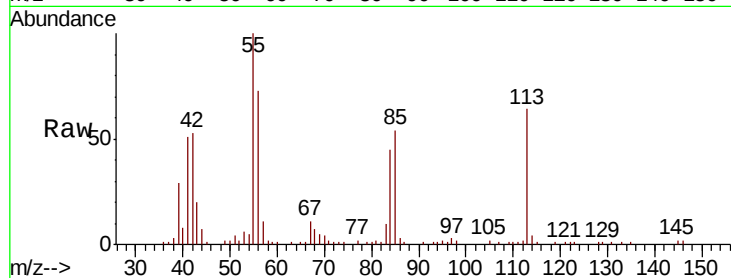
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	113	Resp:	35437
Ion Ratio	Lower	Upper	
113	100		
55	156.8	130.2	170.2
56	114.7	91.6	131.6

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#36

4-Chloro-3-methylphenol

Concen: 36.871 ng

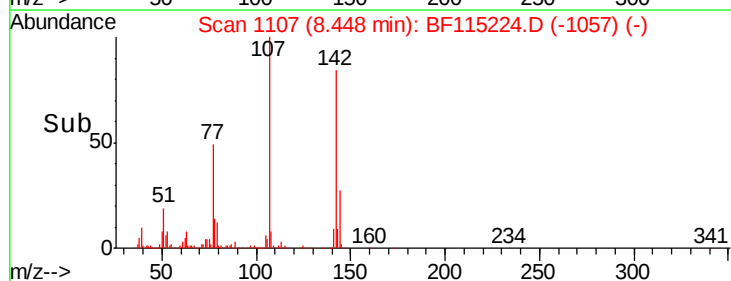
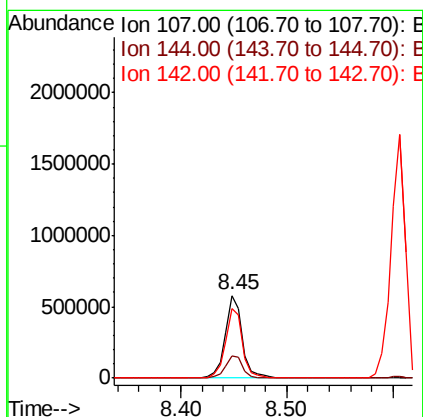
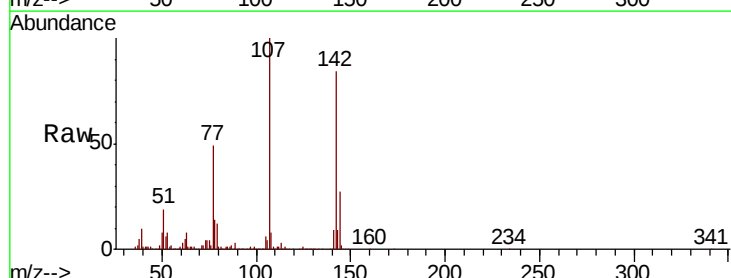
RT: 8.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	107	Resp:	642584
Ion Ratio	Lower	Upper	
107	100		
144	26.8	21.7	32.5
142	84.5	67.0	100.4





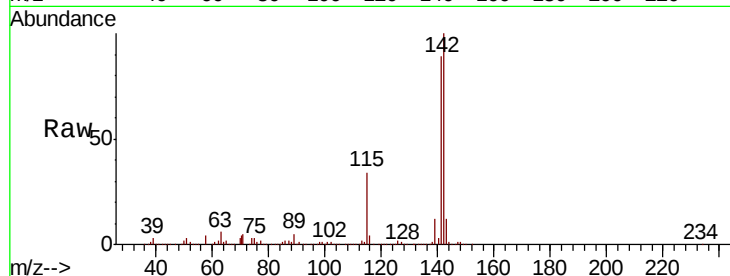
#37
2-Methylnaphthalene
Concen: 42.627 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

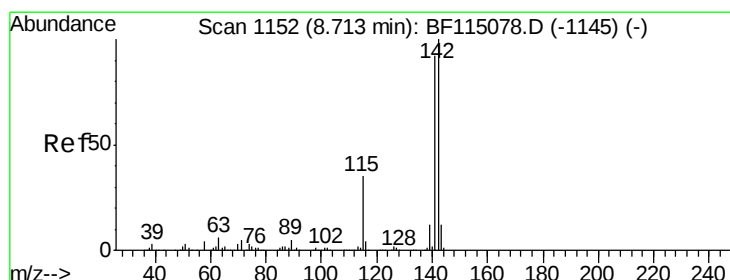
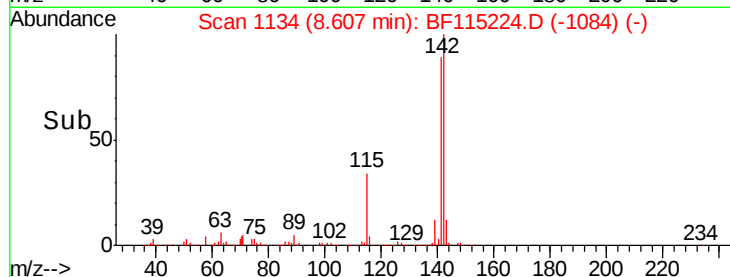
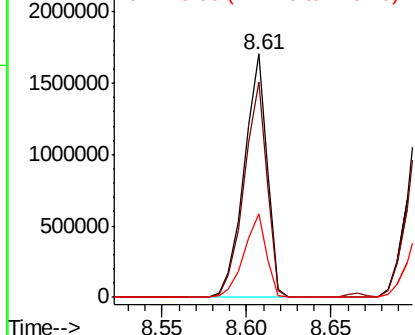
Tot Ion:142 Resp: 1624698
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6
115 34.4 26.7 40.1

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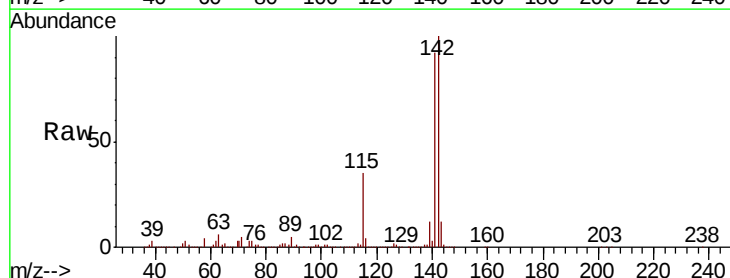


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

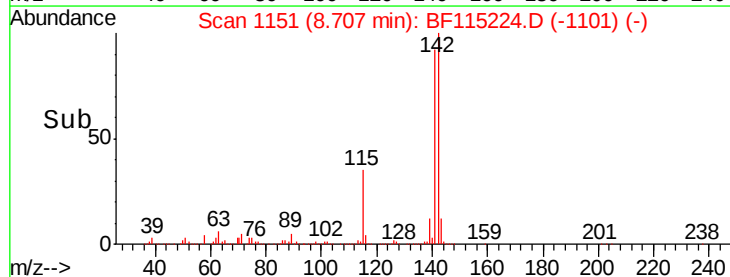
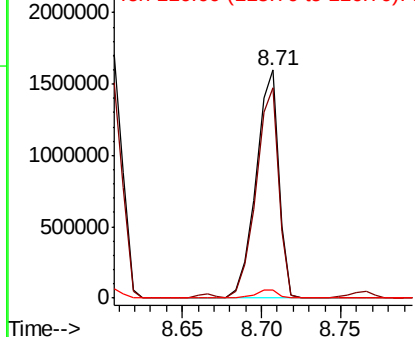


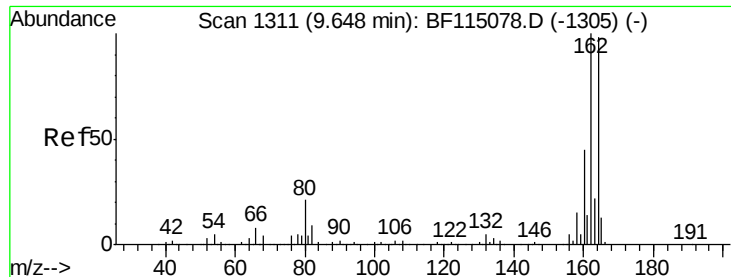
#38
1-Methylnaphthalene
Concen: 43.825 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:142 Resp: 1595301
Ion Ratio Lower Upper
142 100
141 92.3 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





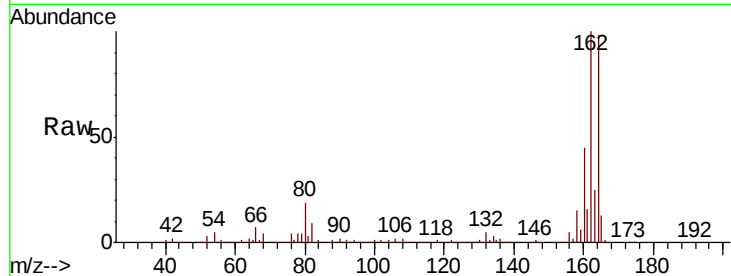
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.7	122.5
160	45.4	37.0	55.4

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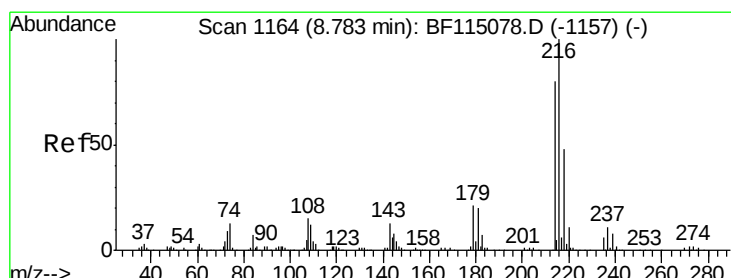
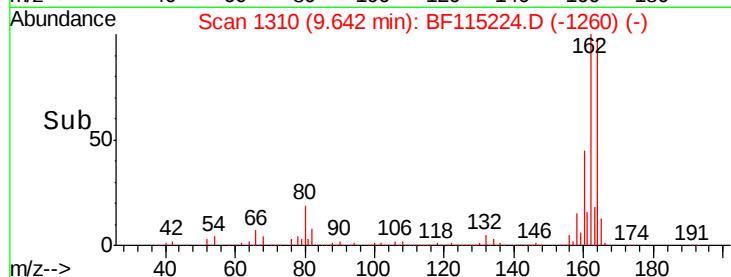
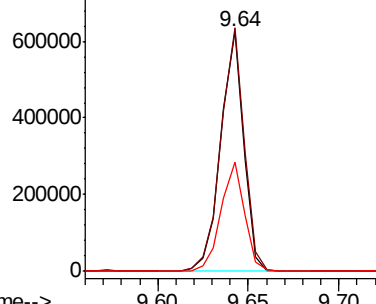


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.645 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	22.1	17.6	26.4
108	18.8	15.7	23.5

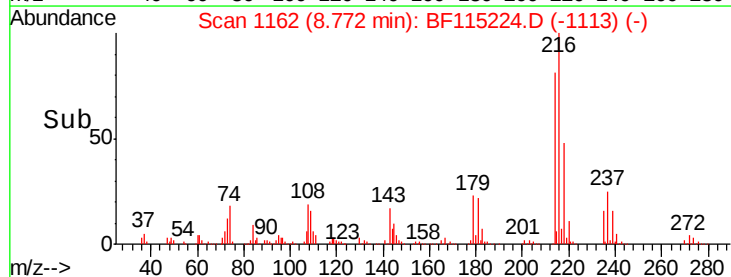
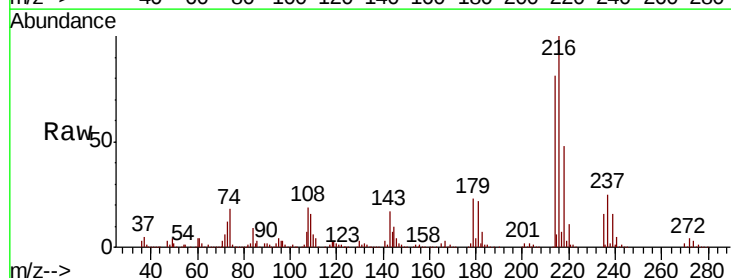
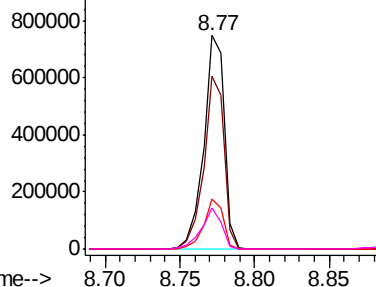
Abundance

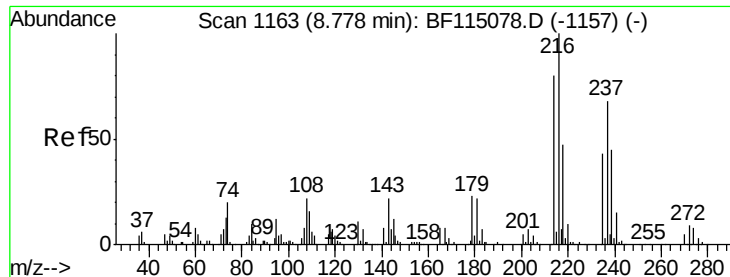
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.988 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

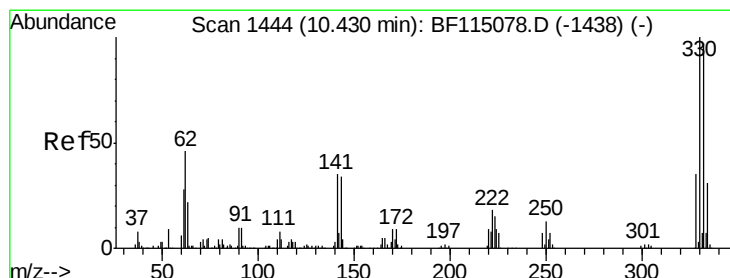
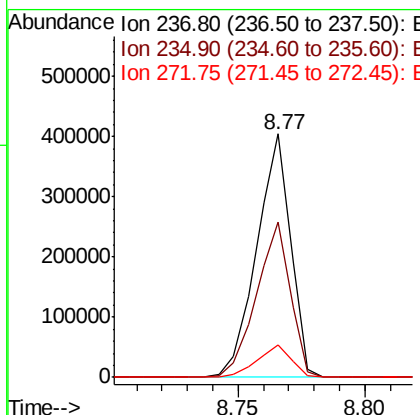
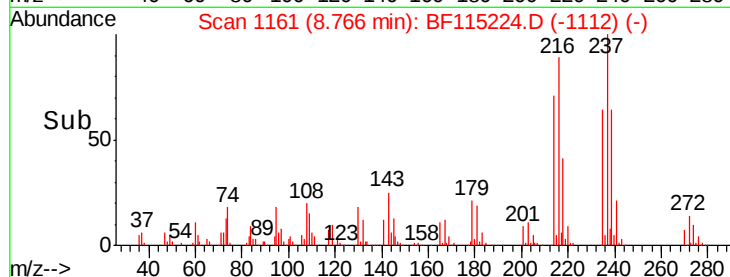
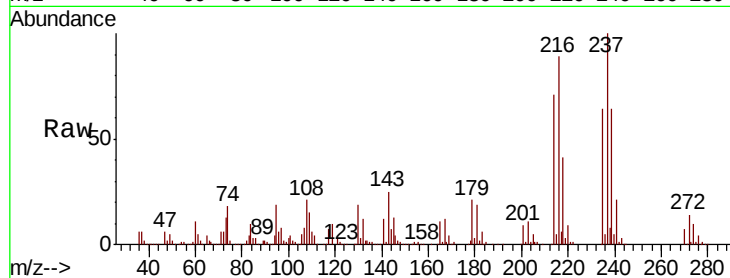
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	237	Resp:	378456
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.9	83.9
272	13.6	0.0	33.8

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#42

2,4,6-Tribromophenol

Concen: 115.185 ng

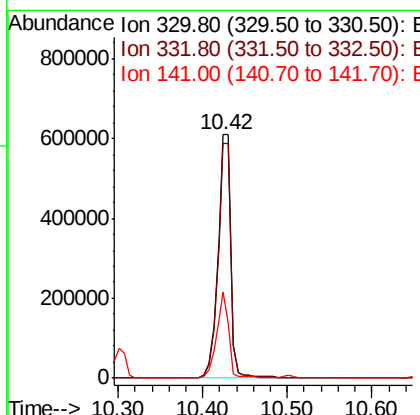
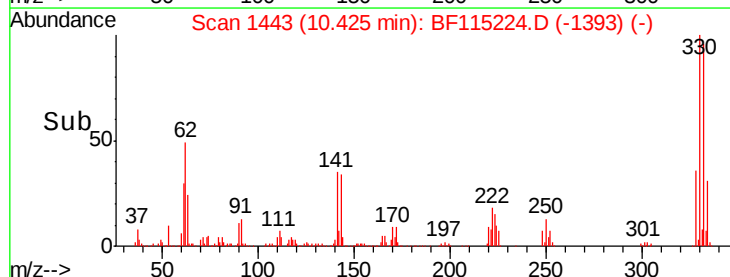
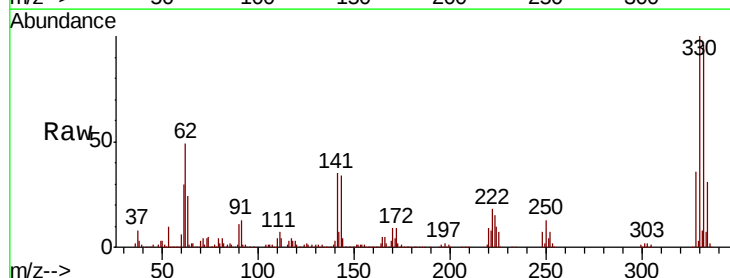
RT: 10.42 min Scan# 1443

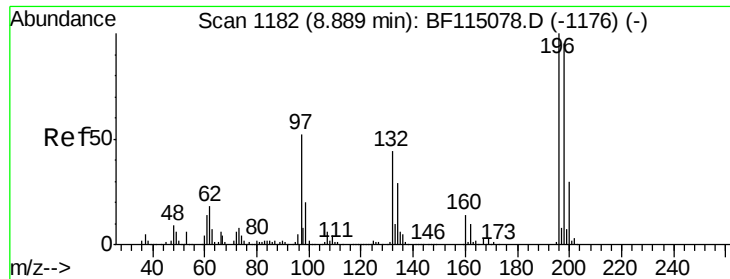
Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	330	Resp:	669332
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.3	115.9
141	33.1	28.2	42.2





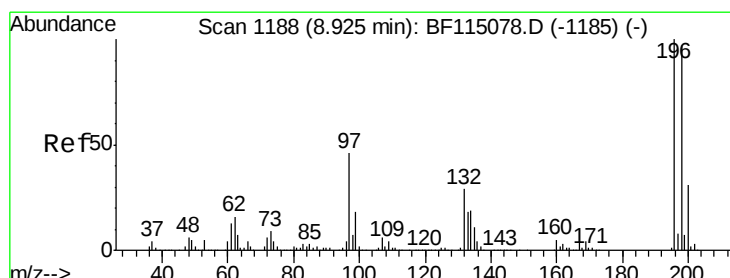
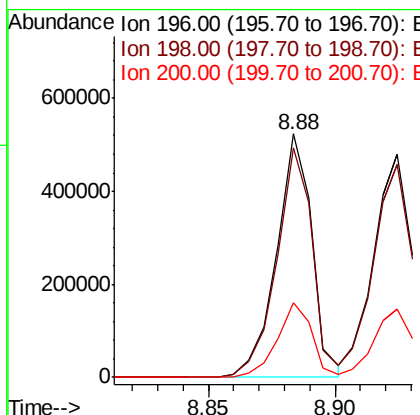
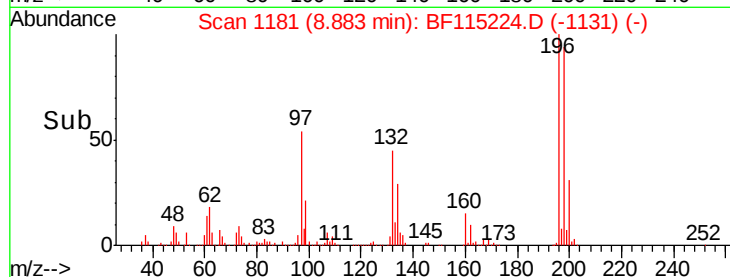
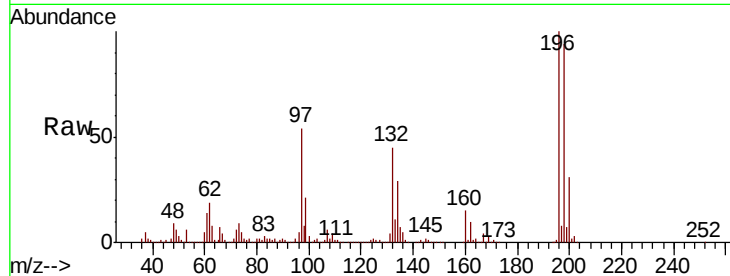
#43
 2,4,6-Trichlorophenol
 Concen: 42.042 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	505419		
198	94.3	76.3	114.5	
200	30.5	24.2	36.4	

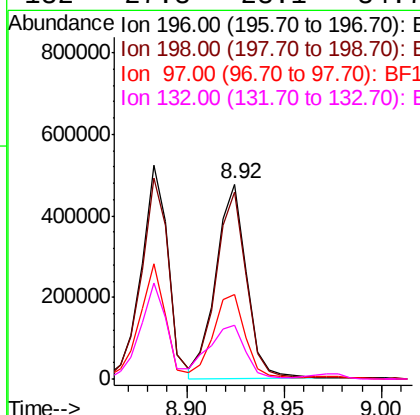
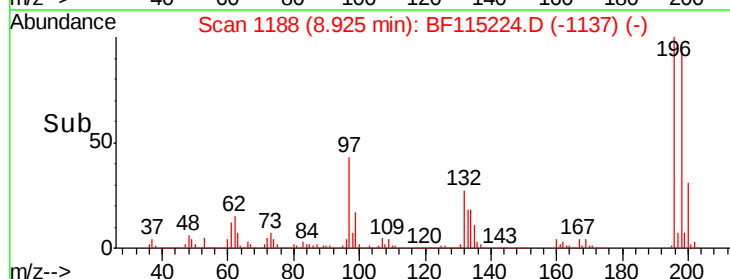
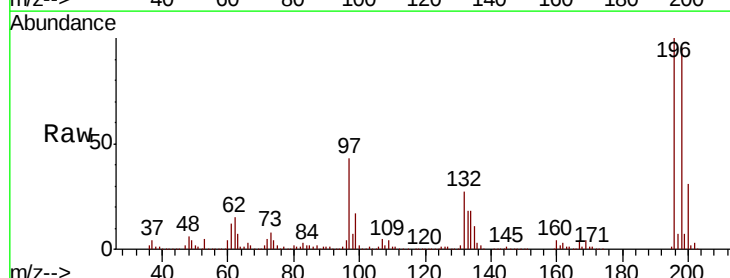
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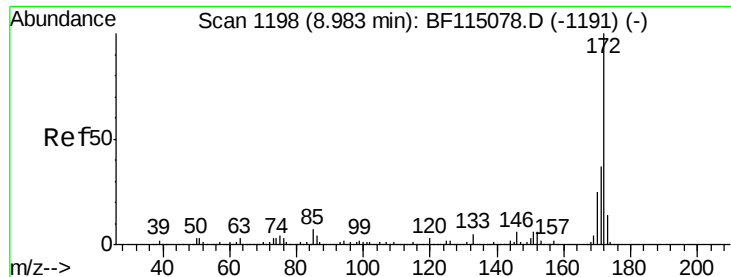
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#44
 2,4,5-Trichlorophenol
 Concen: 42.108 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	521300		
198	95.5	77.1	115.7	
97	43.1	37.7	56.5	
132	27.3	23.1	34.7	





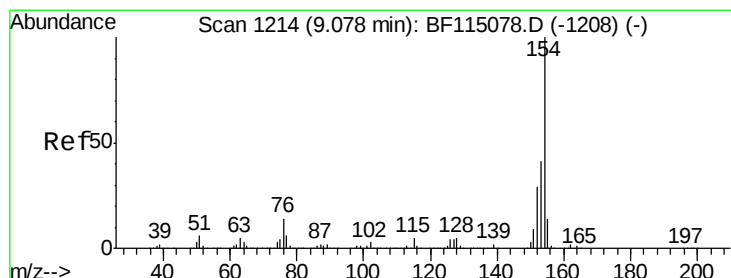
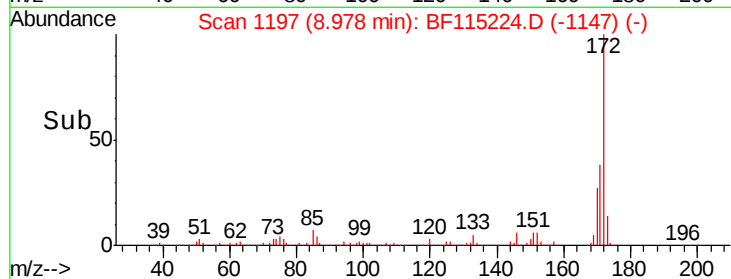
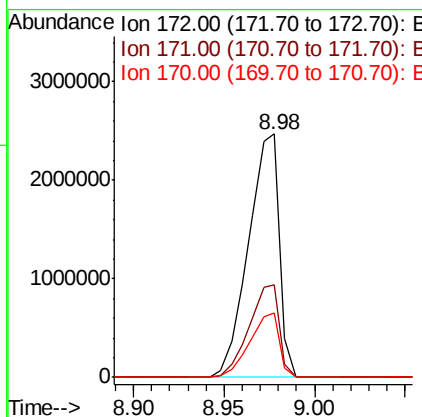
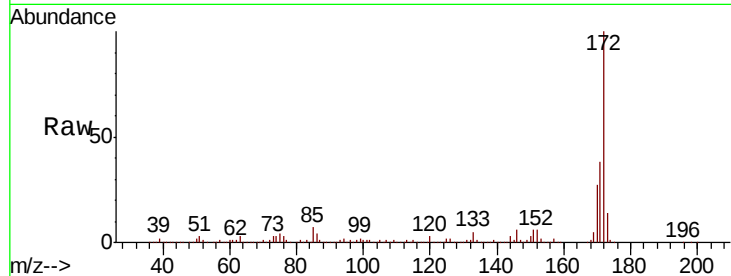
#45
2-Fluorobiphenyl
Concen: 90.110 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	26.6	20.3	30.5

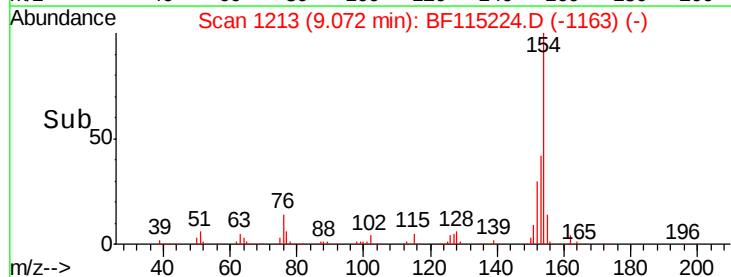
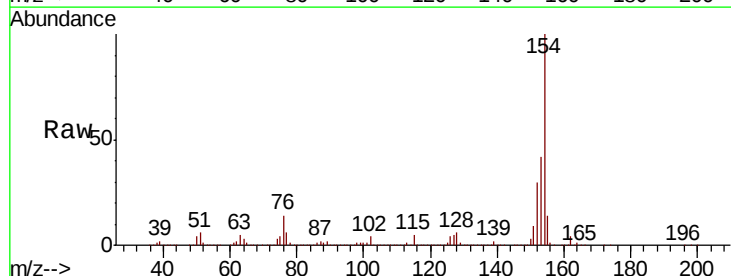
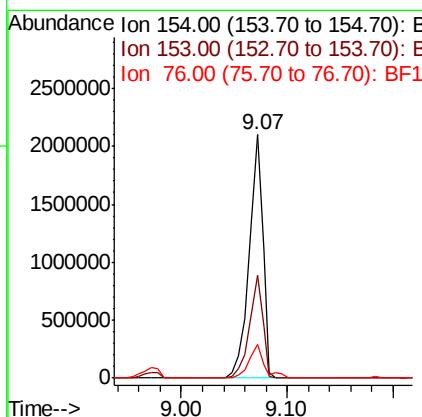
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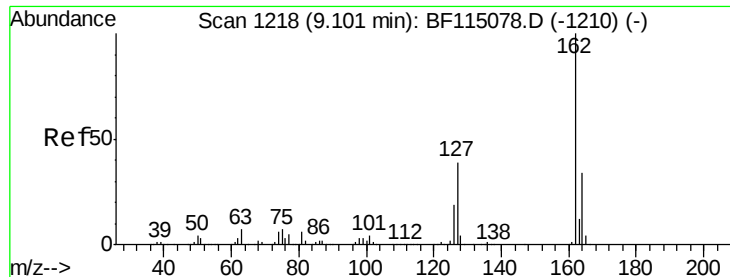
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#46
1,1'-Biphenyl
Concen: 42.809 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.9	60.9
76	13.8	0.0	34.1





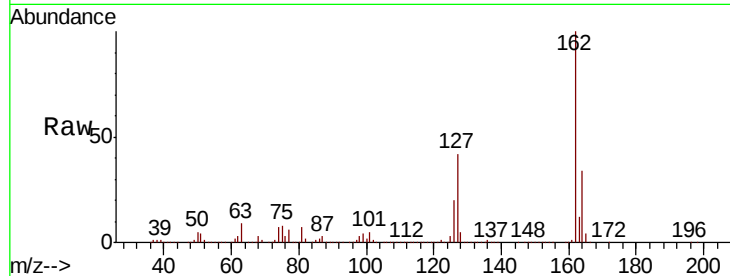
#47
 2-Chloronaphthalene
 Concen: 42.252 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MSD

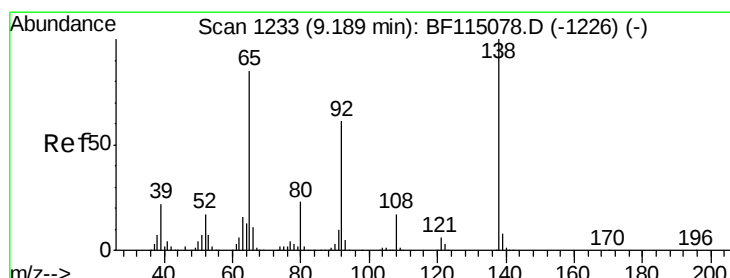
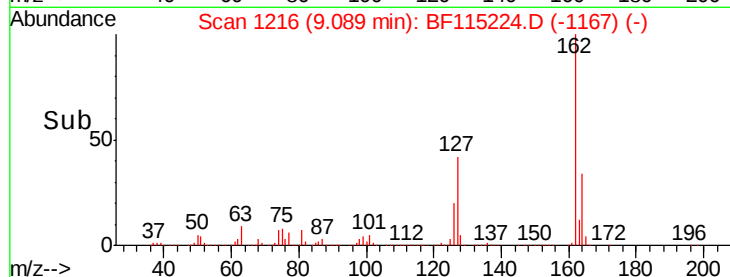
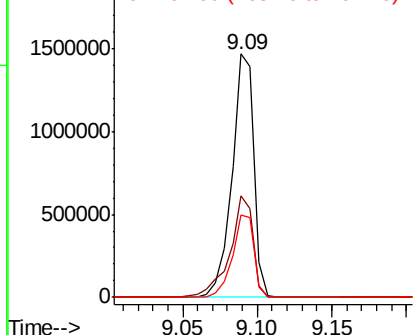
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	30.8	46.2
164	33.9	27.0	40.4

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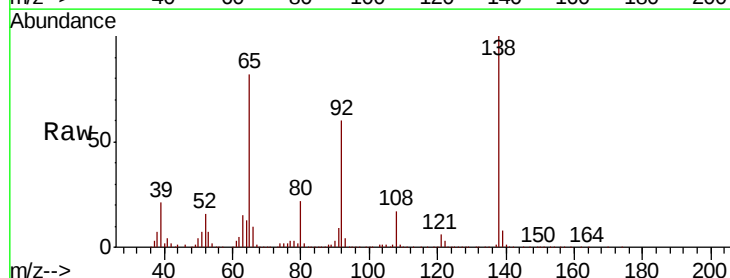


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

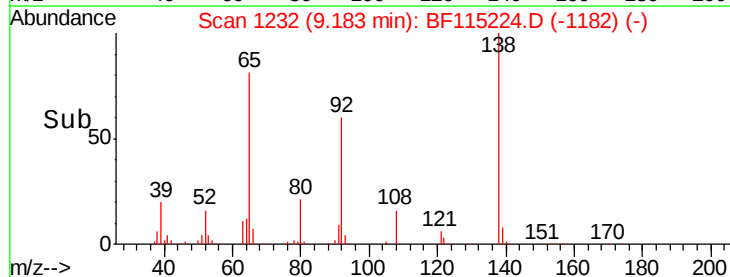
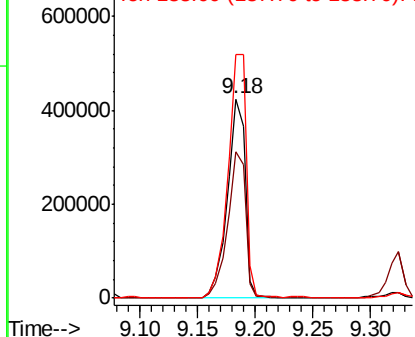


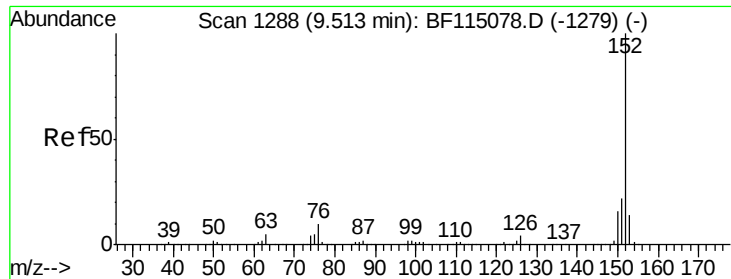
#48
 2-Nitroaniline
 Concen: 43.252 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	57.4	86.2
138	122.5	94.1	141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.234 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

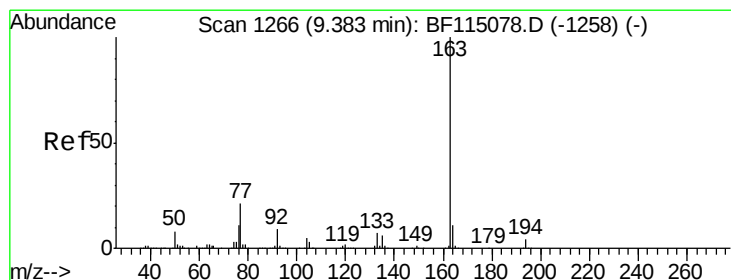
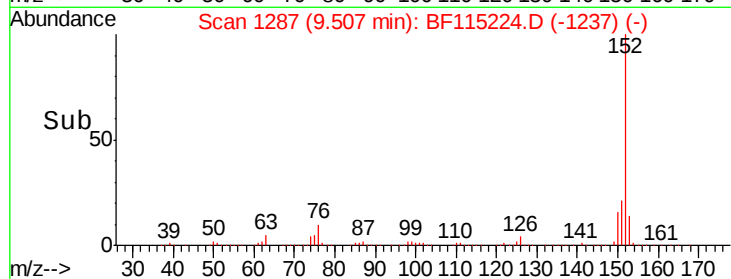
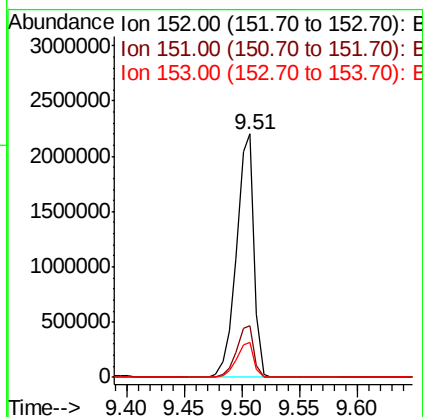
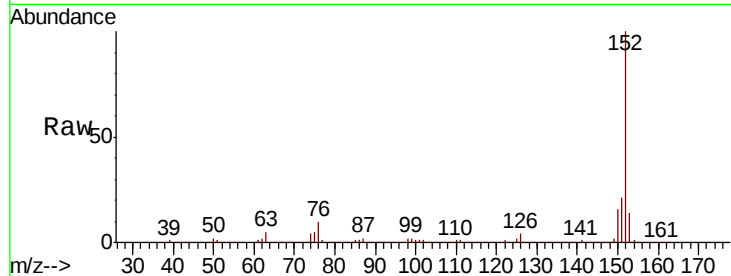
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	152	Resp:	2297657
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	14.2	11.0	16.6

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#50

Dimethylphthalate

Concen: 43.689 ng

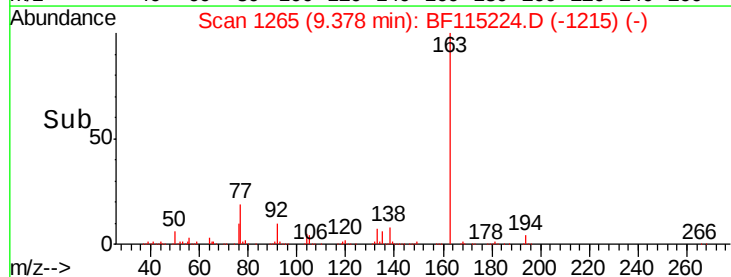
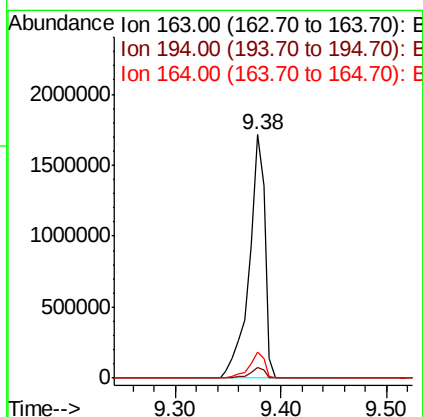
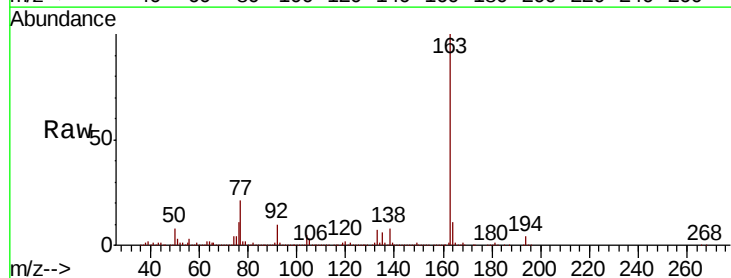
RT: 9.38 min Scan# 1265

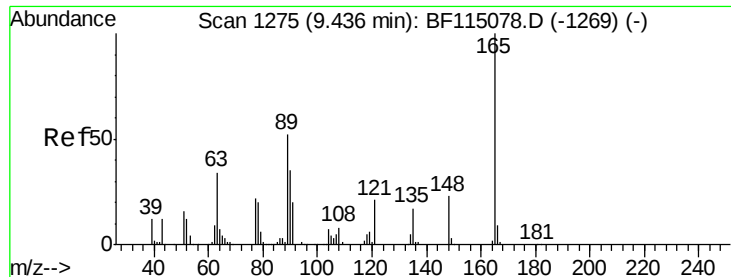
Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	163	Resp:	1771218
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.9	8.6	13.0





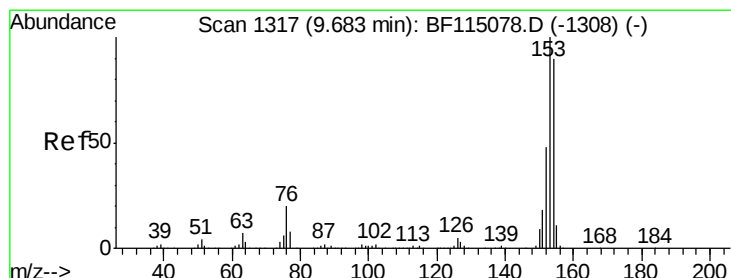
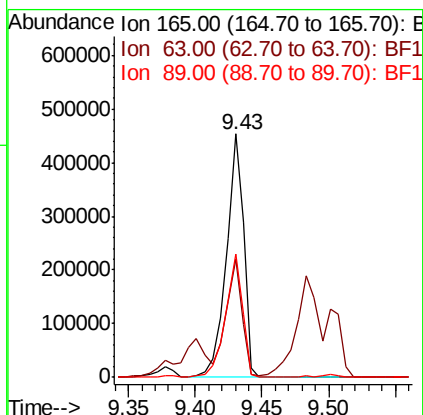
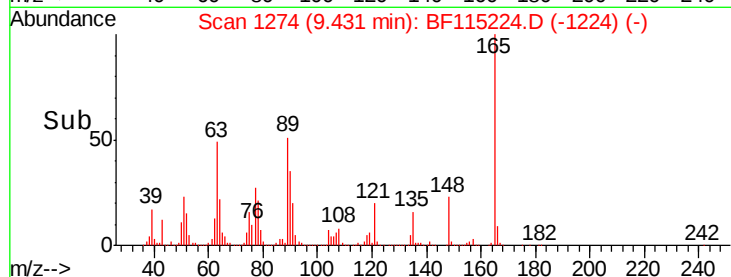
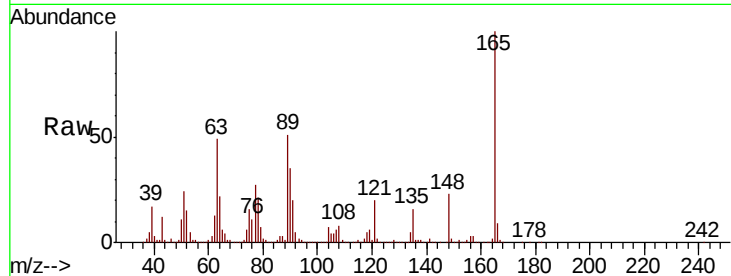
#51
2,6-Dinitrotoluene
Concen: 44.512 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	416616		
63	48.6	39.4	59.2	
89	50.7	42.0	63.0	

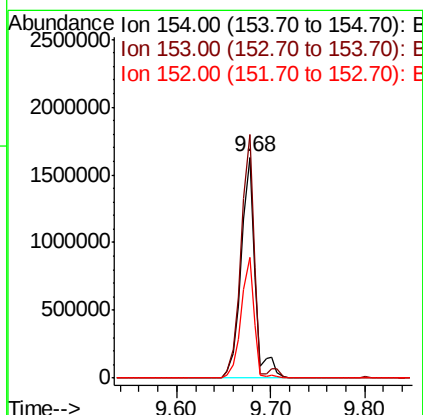
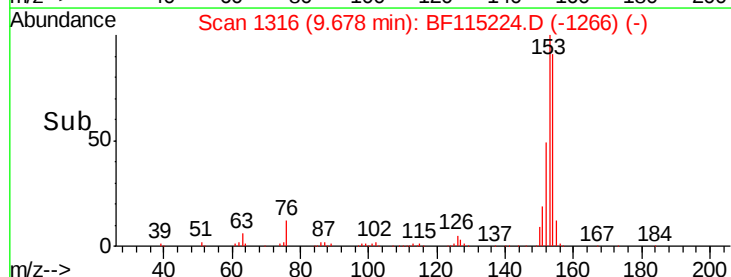
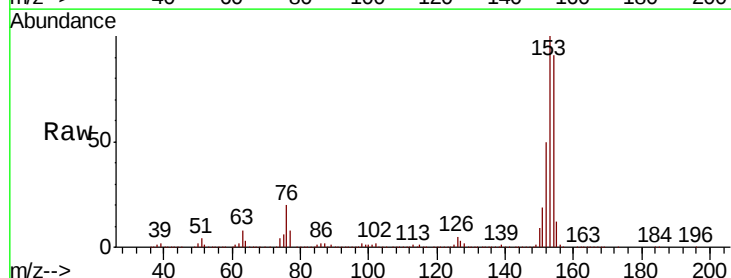
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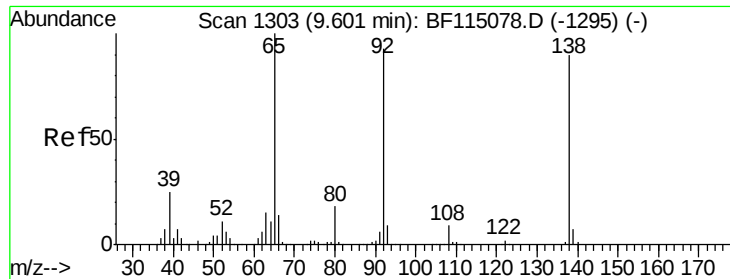
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#52
Acenaphthene
Concen: 48.433 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1688768		
153	110.3	88.7	133.1	
152	55.0	42.6	64.0	





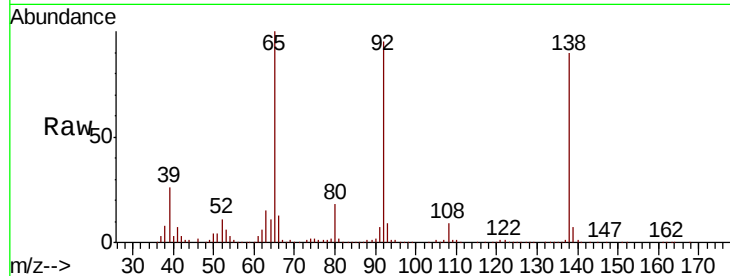
#53
3-Nitroaniline
Concen: 19.092 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

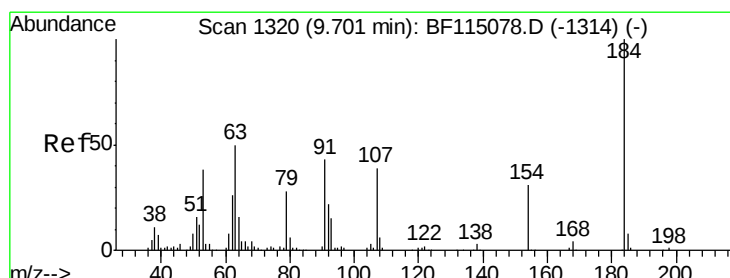
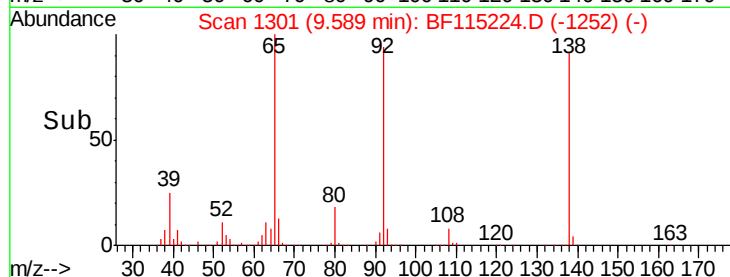
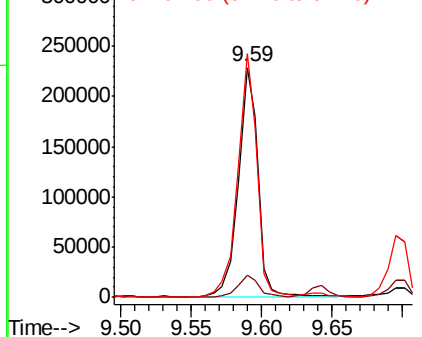
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.6
92	105.8	82.9	124.3

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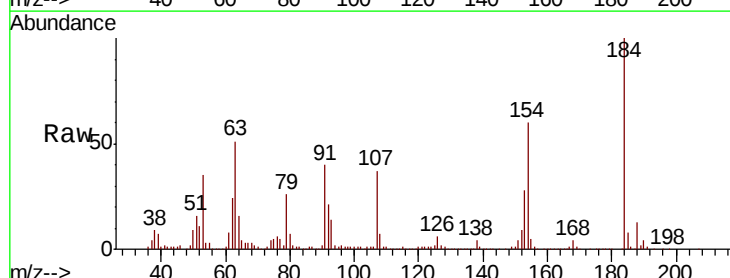


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

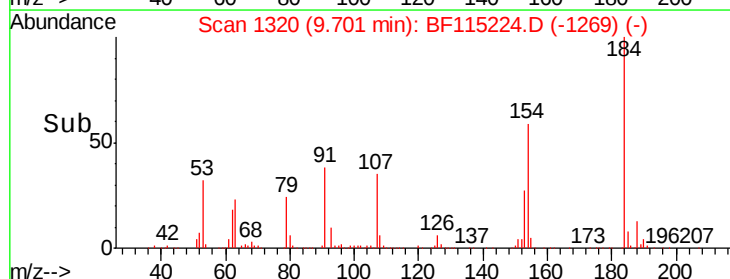
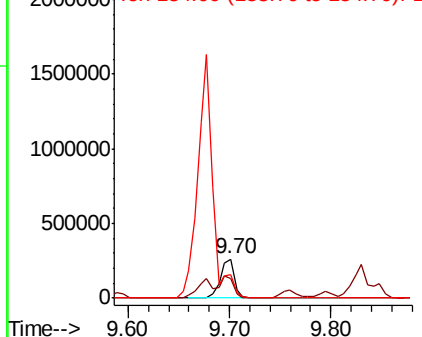


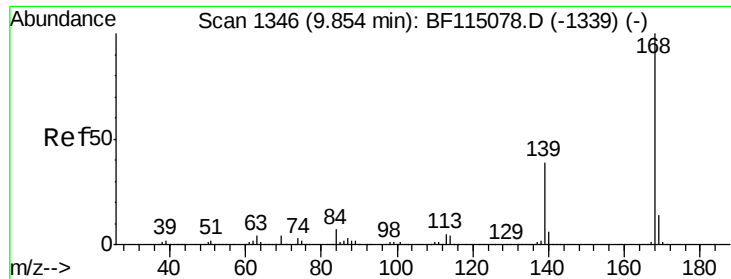
#54
2,4-Dinitrophenol
Concen: 55.341 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.5	41.9	62.9
154	59.8	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





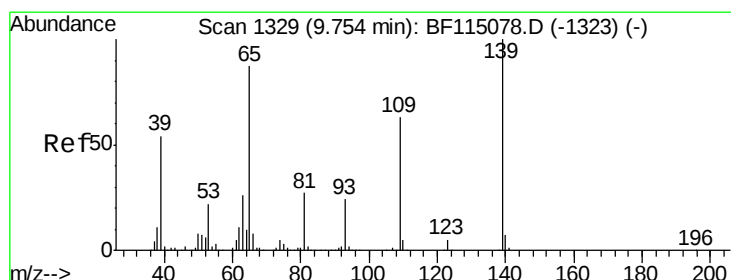
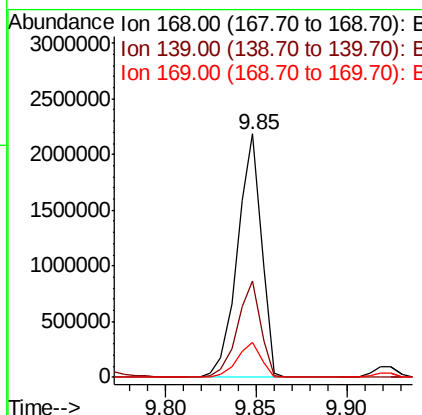
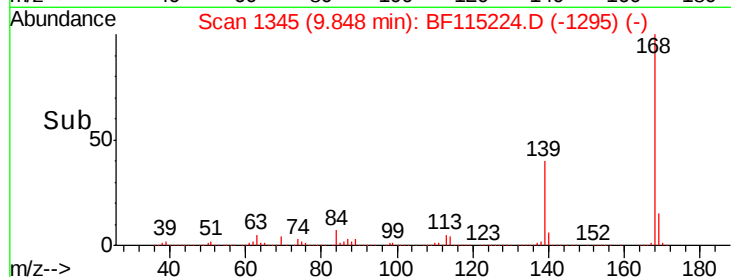
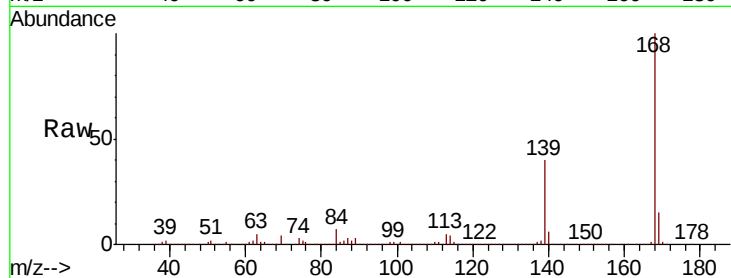
#55
Dibenzofuran
Concen: 40.124 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion:168 Resp: 2008004
Ion Ratio Lower Upper
168 100
139 39.7 31.1 46.7
169 14.6 11.3 16.9

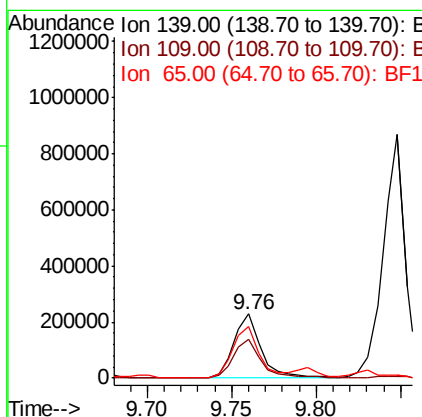
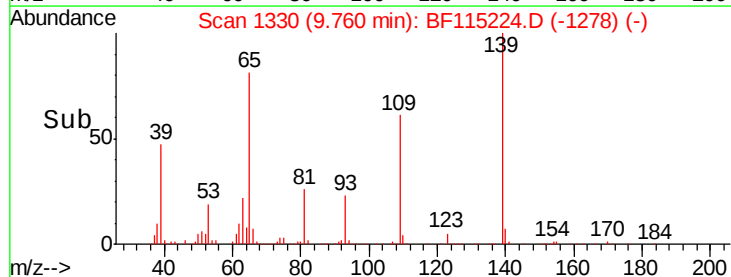
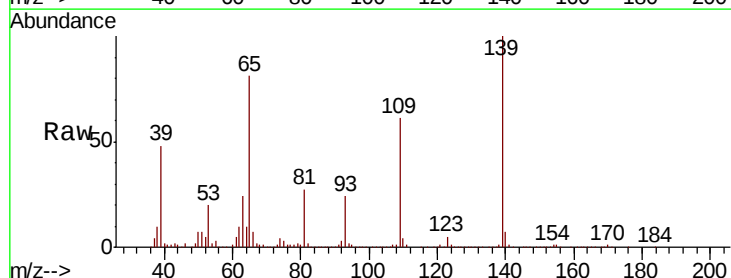
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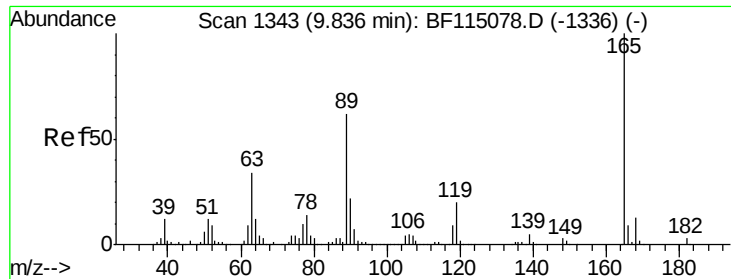
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#56
4-Nitrophenol
Concen: 27.625 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:139 Resp: 252962
Ion Ratio Lower Upper
139 100
109 61.2 43.0 83.0
65 80.8 67.0 107.0





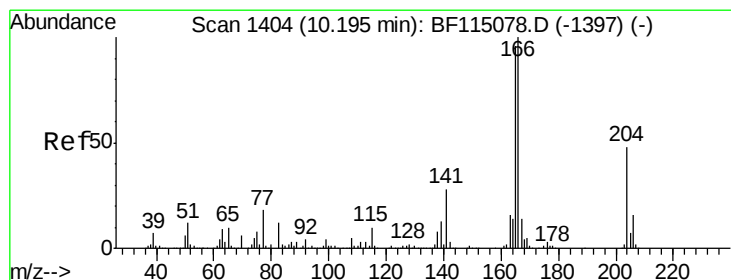
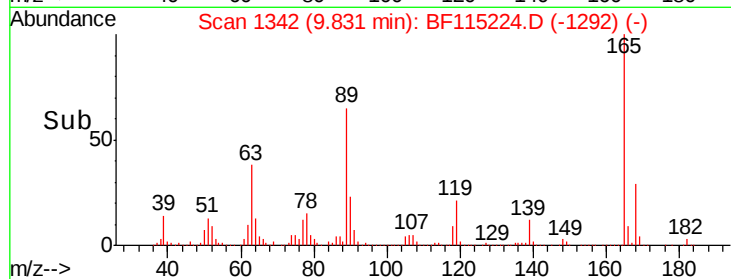
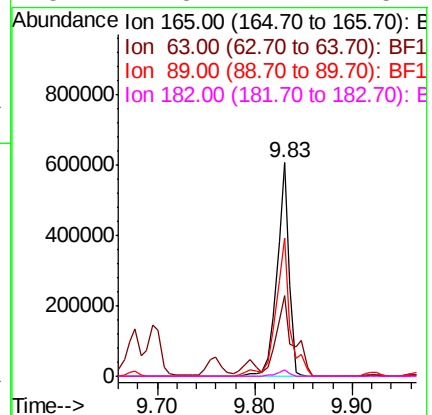
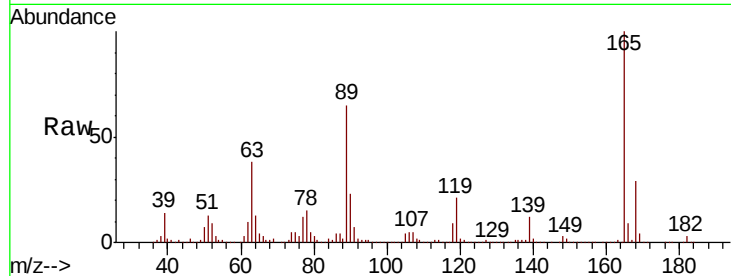
#57
2,4-Dinitrotoluene
Concen: 43.975 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		531457		
63	37.7	27.5	41.3		
89	64.9	49.9	74.9		
182	2.8	2.1	3.1		

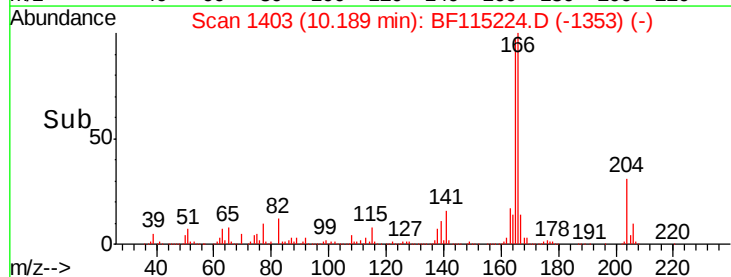
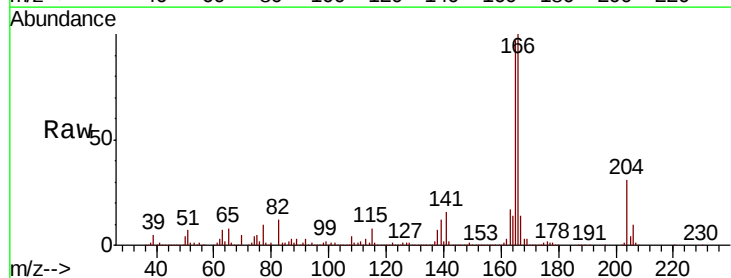
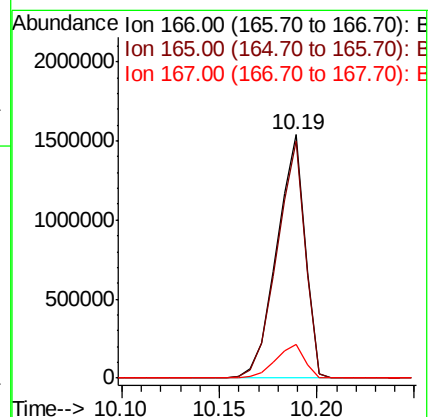
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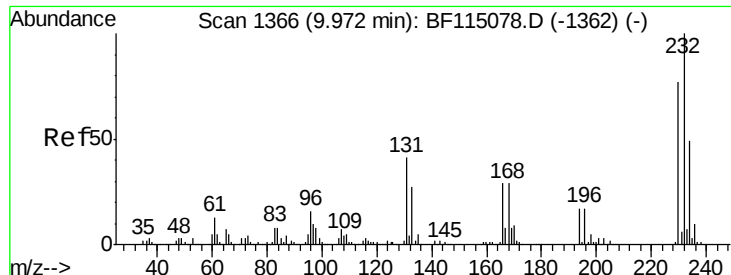
mohammad
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#58
Fluorene
Concen: 46.532 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1542972		
165	97.2	76.5	114.7		
167	13.9	11.0	16.4		





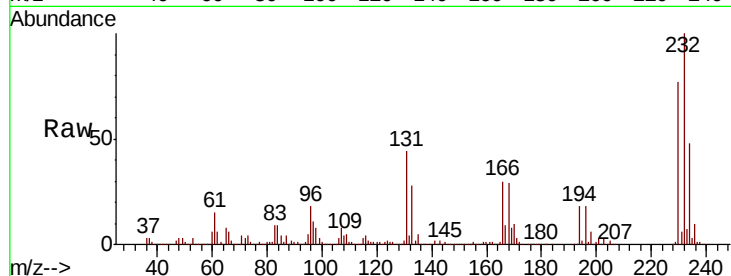
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.198 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MSD

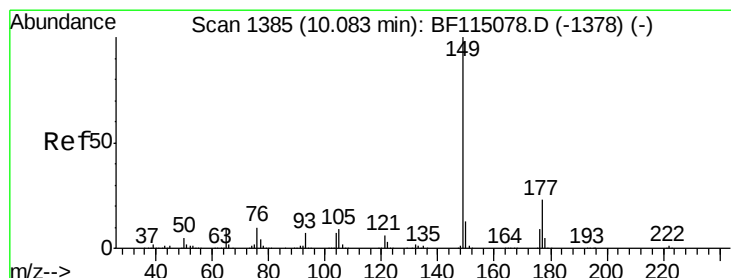
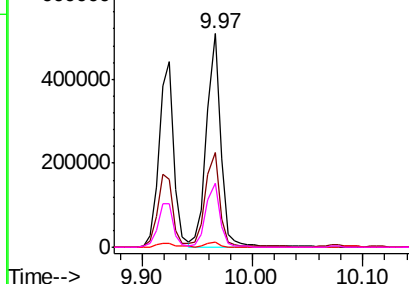
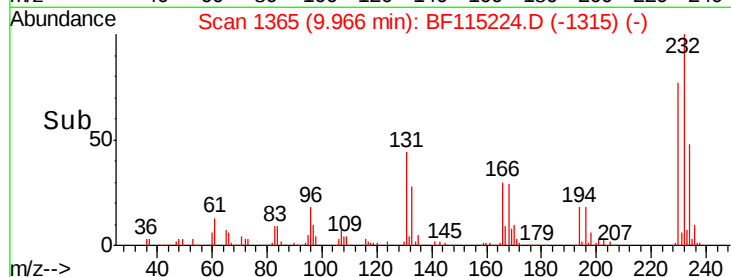
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.4	56.0
130	2.3	1.8	2.6
166	29.4	24.6	36.8

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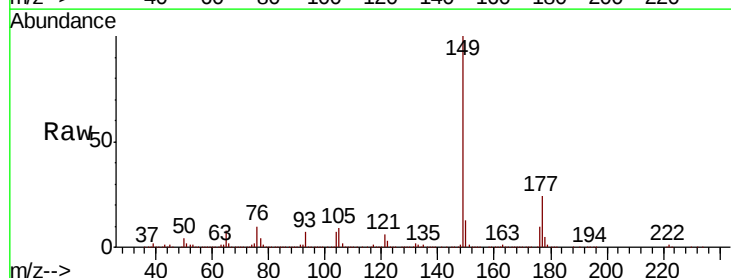


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

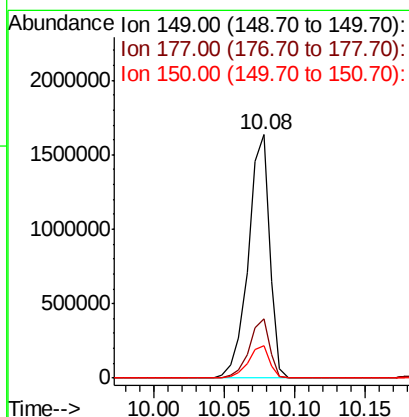
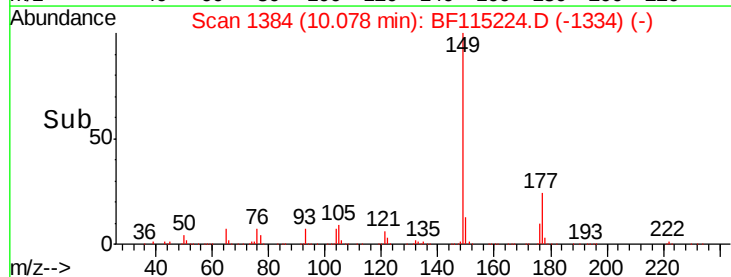


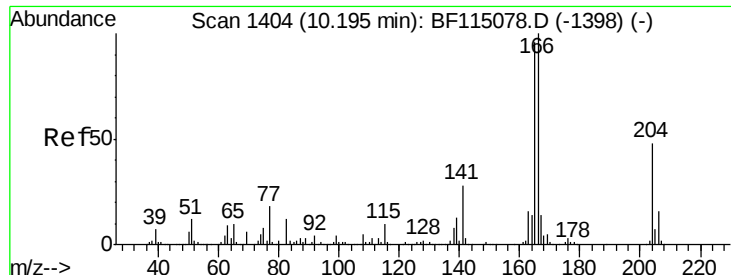
#60
 Diethylphthalate
 Concen: 42.383 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.7	28.1
150	13.1	10.4	15.6



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





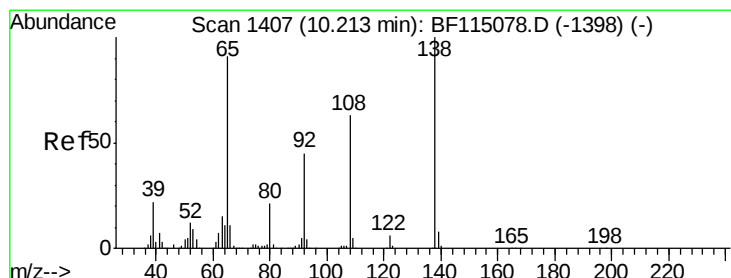
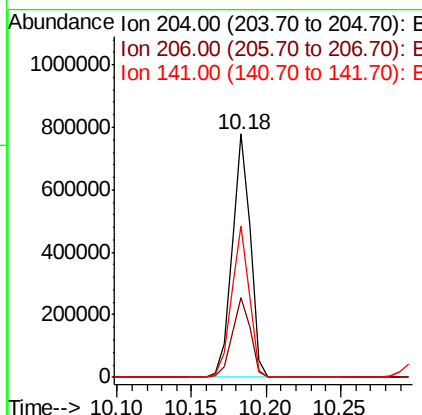
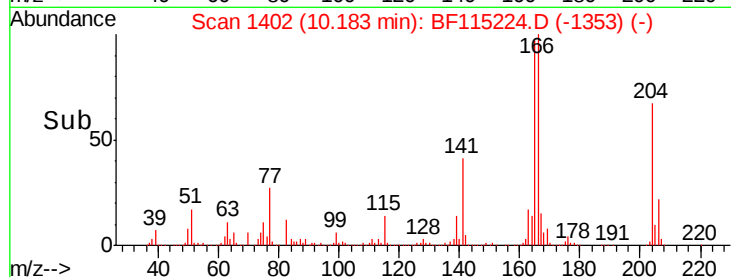
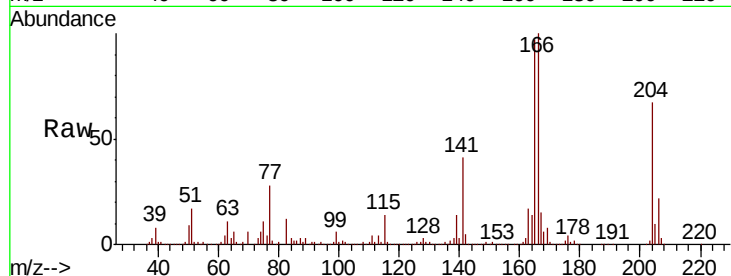
#61
4-Chlorophenyl-phenylether
Concen: 41.950 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	62.0	46.7	70.1

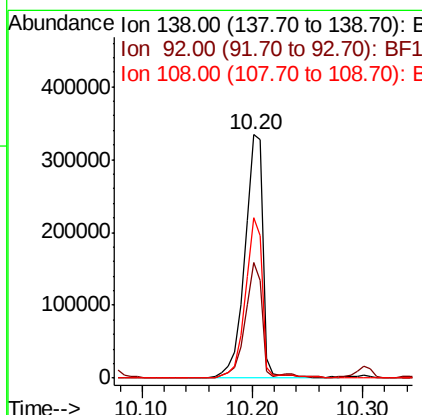
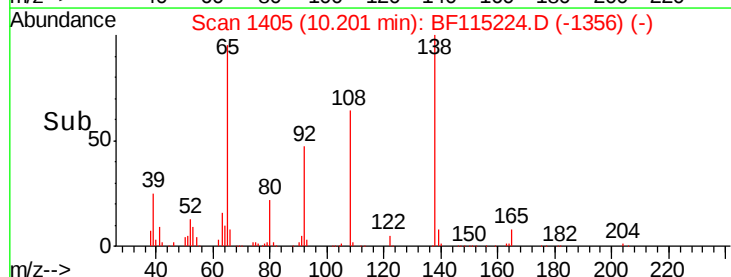
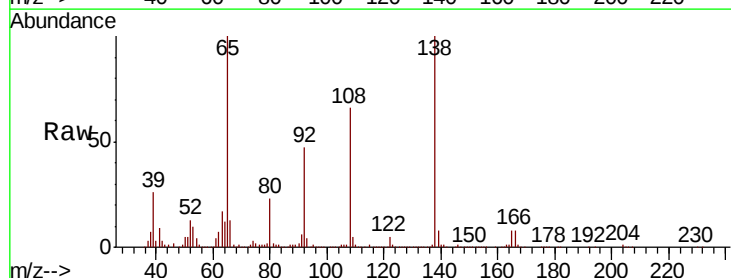
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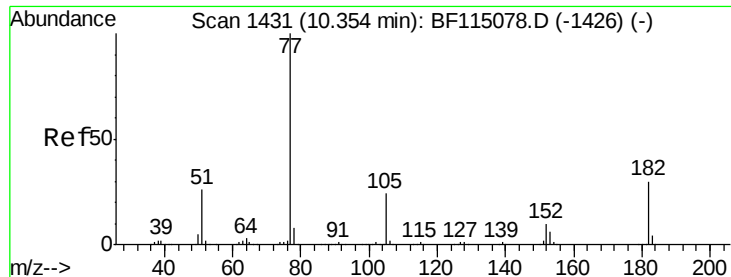
mohammad
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#62
4-Nitroaniline
Concen: 33.802 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	24.8	64.8
108	66.0	43.3	83.3





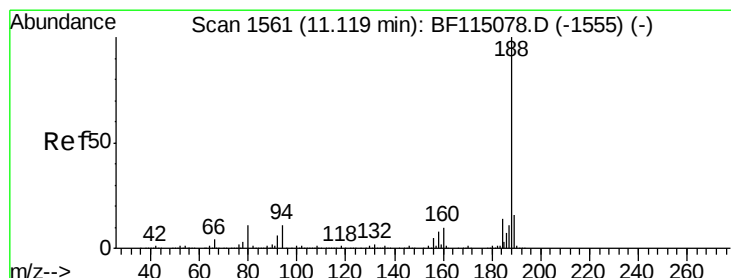
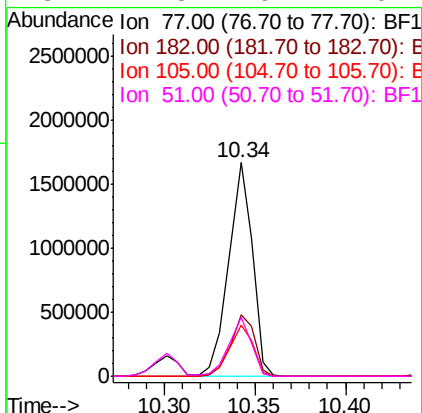
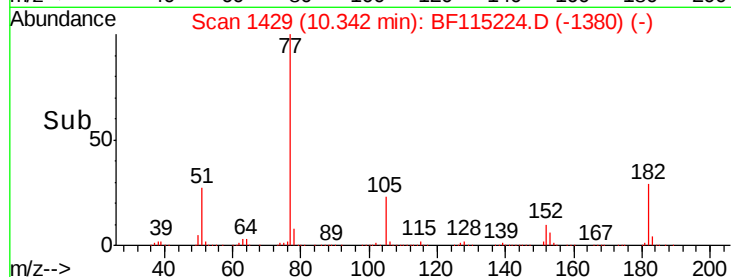
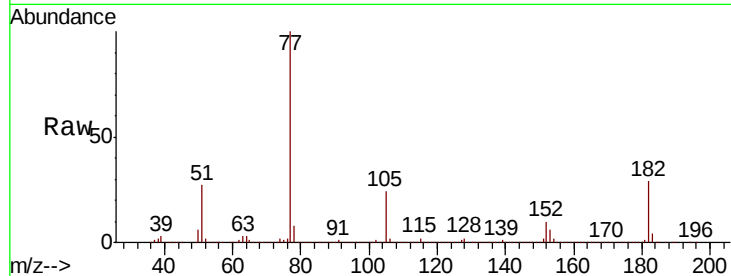
#63
Azobenzene
Concen: 39.970 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	10.1	50.1
105	23.8	4.5	44.5
51	27.3	6.4	46.4

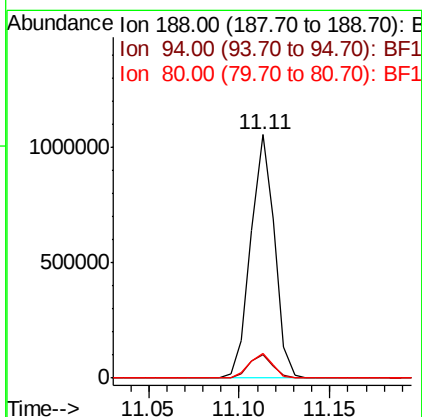
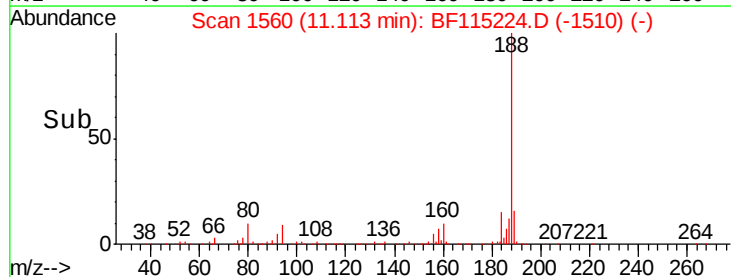
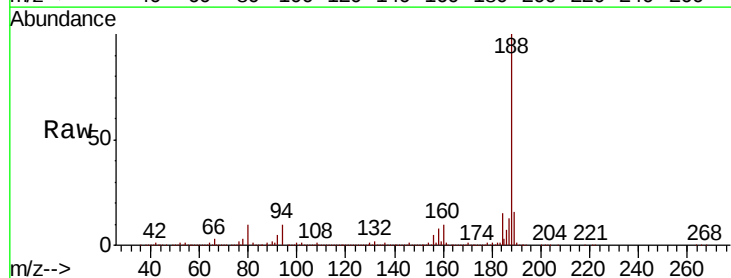
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.2	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 35.258 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MSD

Tot Ion:198 Resp: 172490

Ion Ratio Lower Upper

198 100

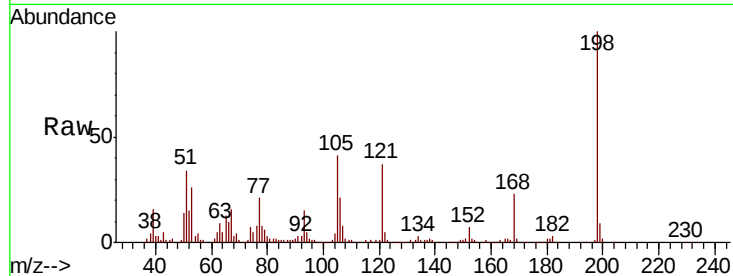
51 34.0 11.0 51.0

105 40.5 17.3 57.3

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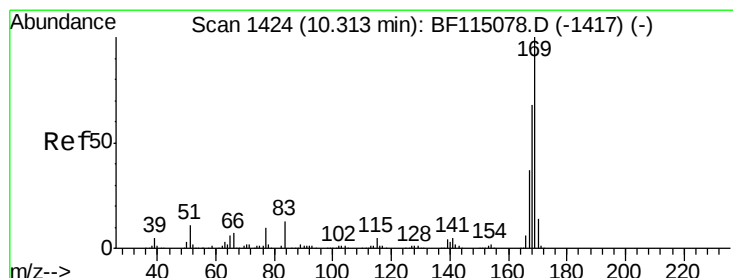
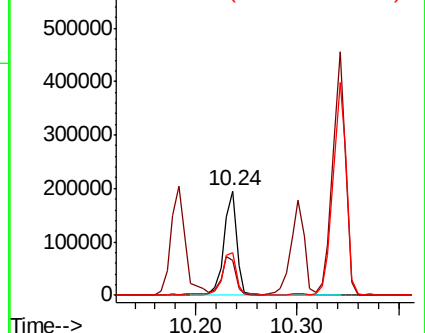
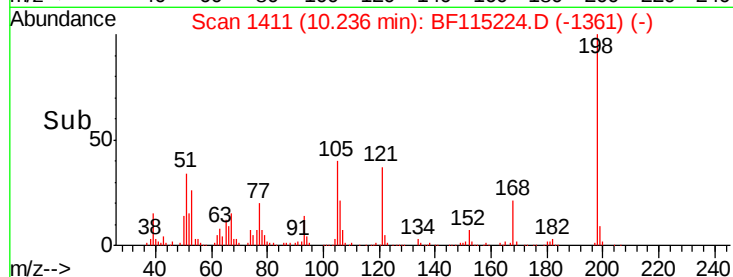
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.718 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

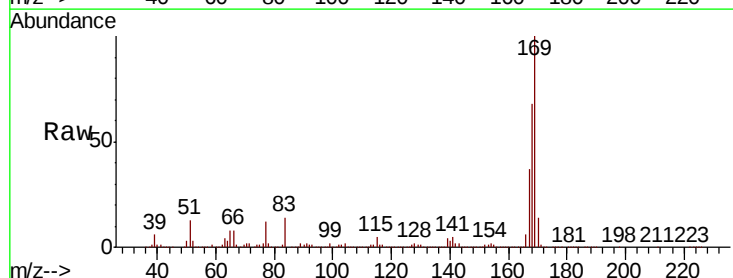
Tgt Ion:169 Resp: 1396392

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

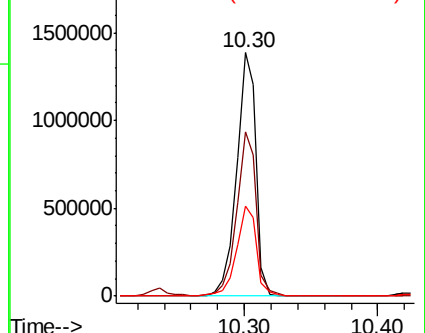
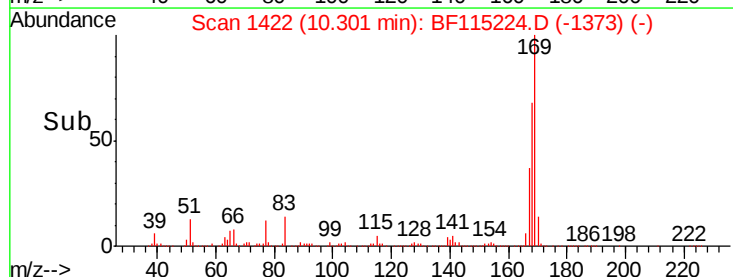
167 37.1 29.4 44.0

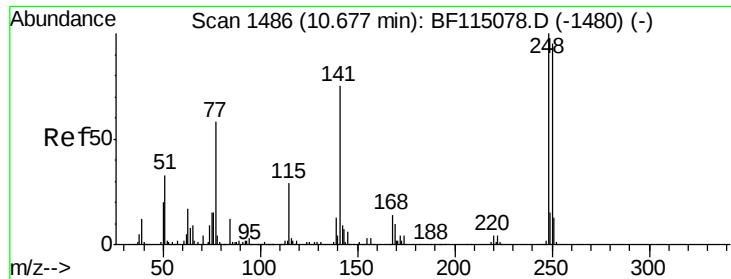


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





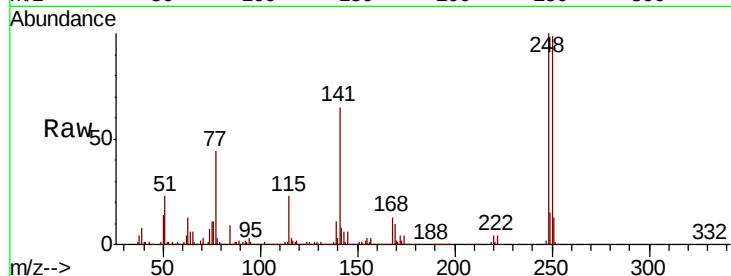
#67
4-Bromophenyl-phenylether
Concen: 45.683 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.2	114.2
141	65.0	59.6	89.4

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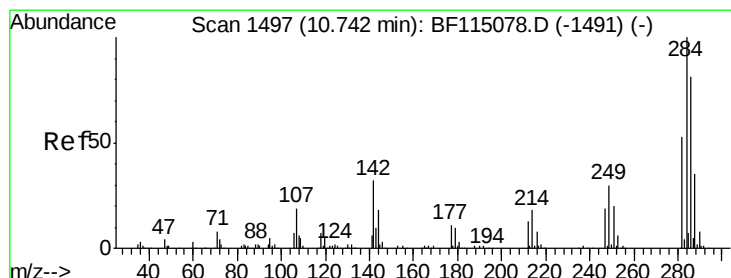
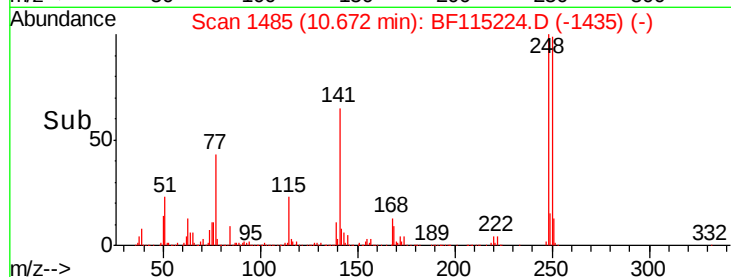
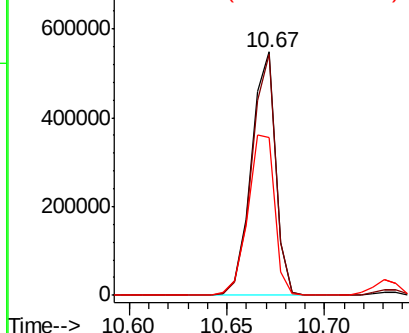


Abundance

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: 44.343 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

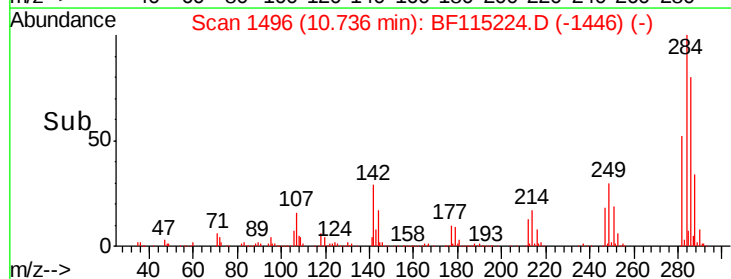
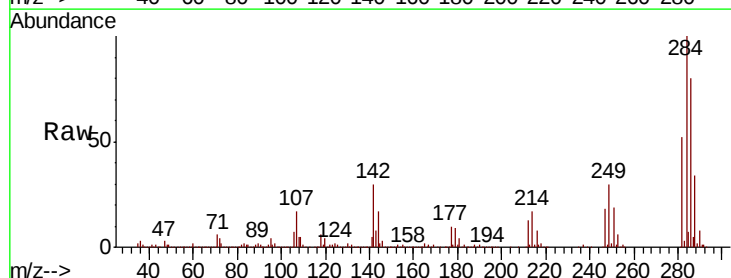
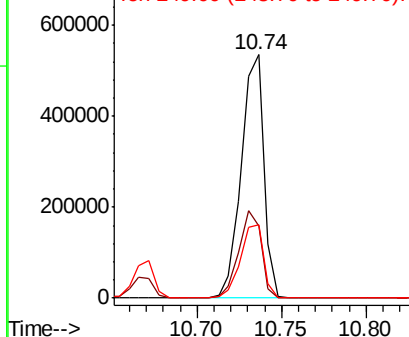
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	25.8	38.8
249	29.9	24.2	36.4

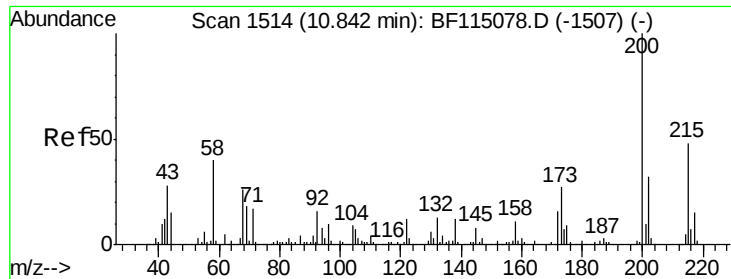
Abundance

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





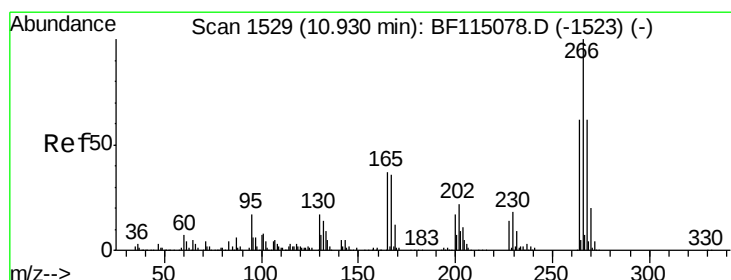
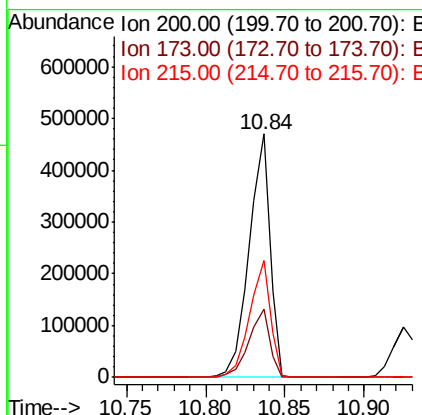
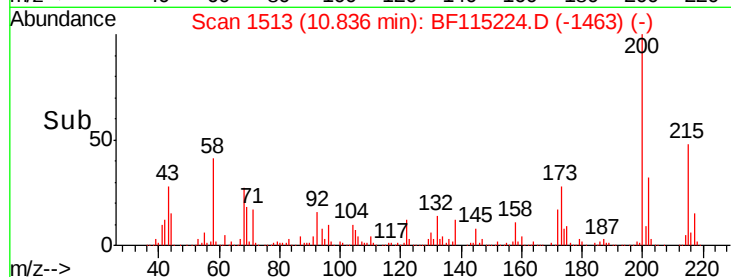
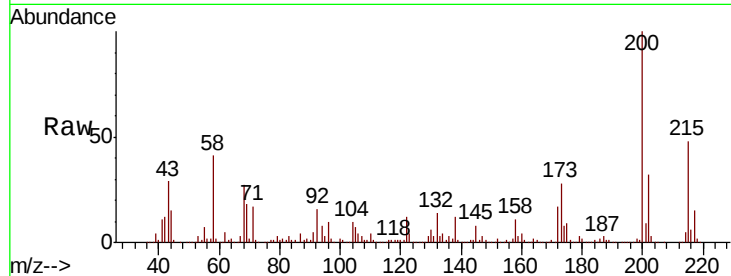
#69
Atrazine
Concen: 44.880 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	47.9	27.8	67.8

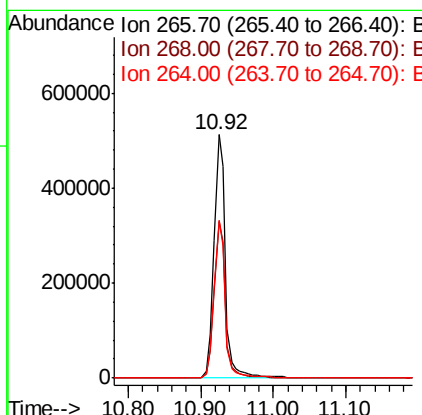
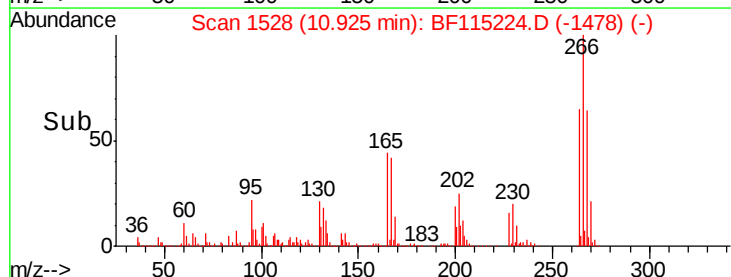
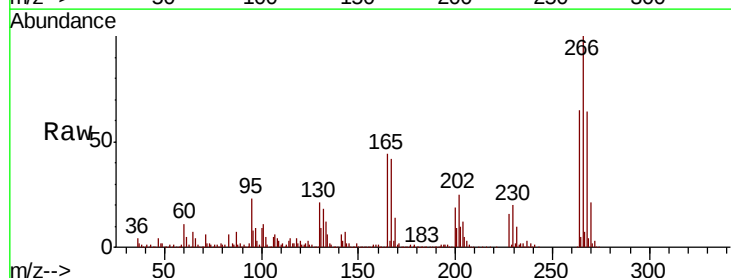
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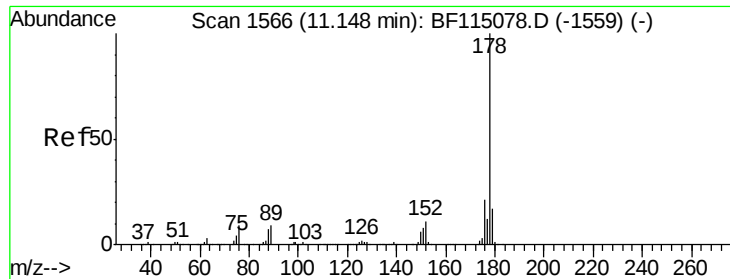
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#70
Pentachlorophenol
Concen: 78.194 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.5	74.3
264	64.9	49.3	73.9





#71

Phenanthrene

Concen: 41.406 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MSD

Tot Ion:178 Resp: 2138862

Ion Ratio Lower Upper

178 100

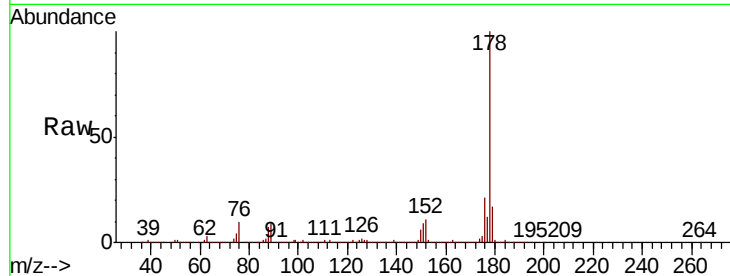
176 20.9 16.9 25.3

179 16.9 13.2 19.8

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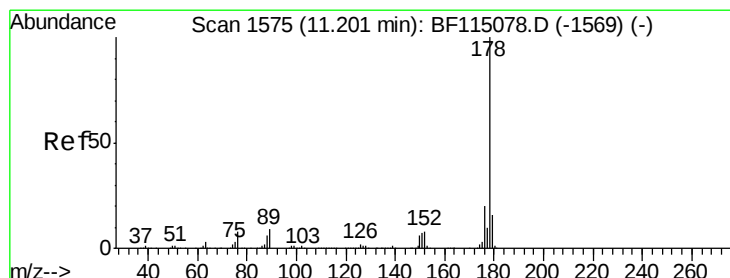
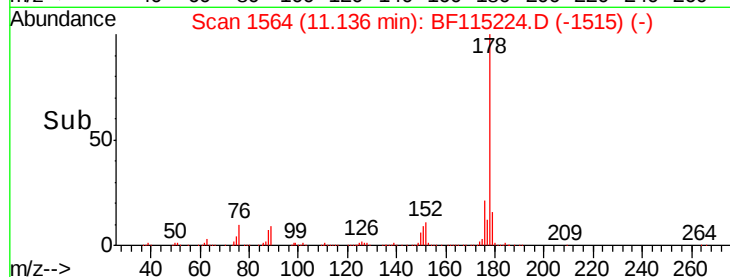
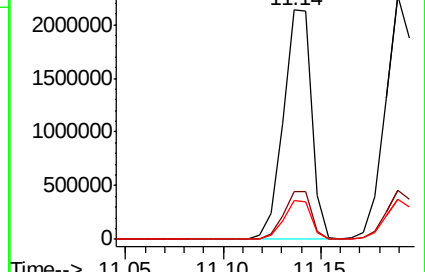
6/27/2019 8:32:22 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.973 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:178 Resp: 2188597

Ion Ratio Lower Upper

178 100

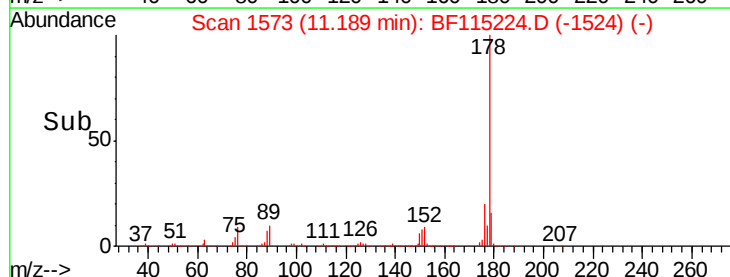
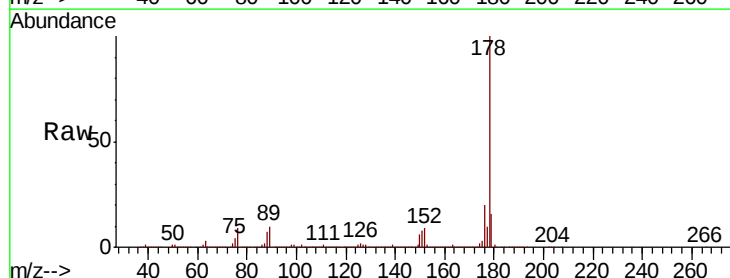
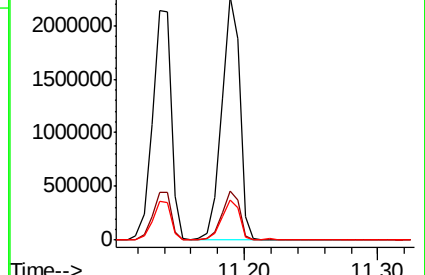
176 20.1 16.1 24.1

179 16.4 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





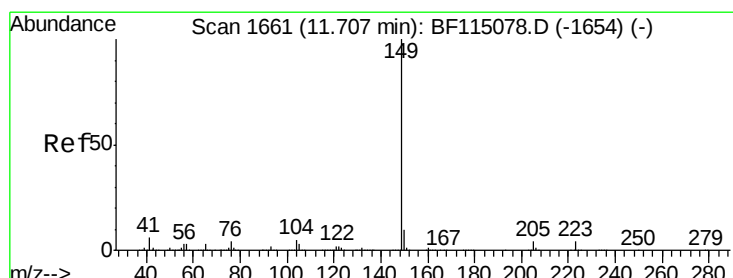
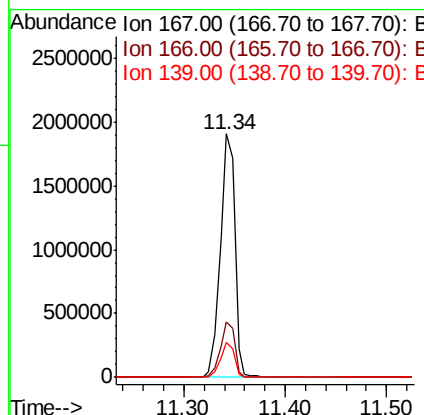
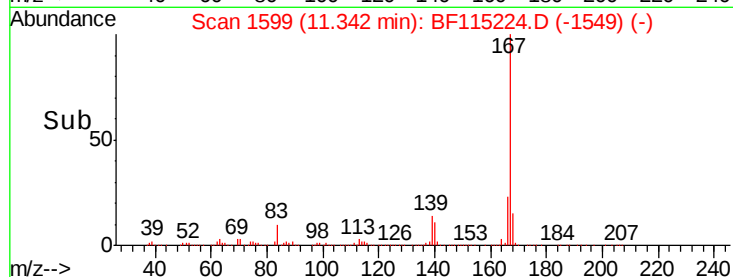
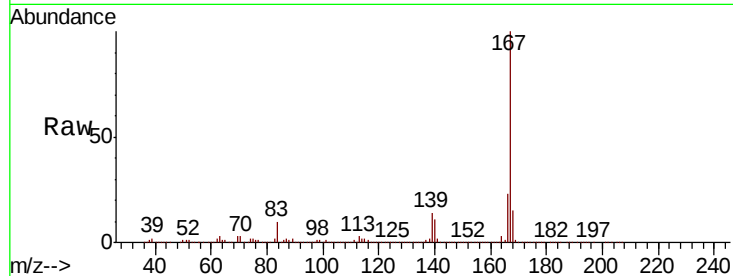
#73
 Carbazole
 Concen: 40.823 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611MSD

Tot Ion:167 Resp: 1900798
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.4 11.1 16.7

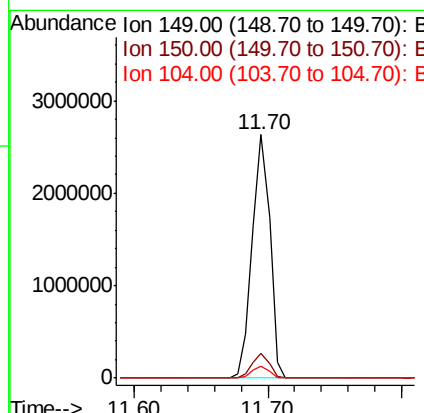
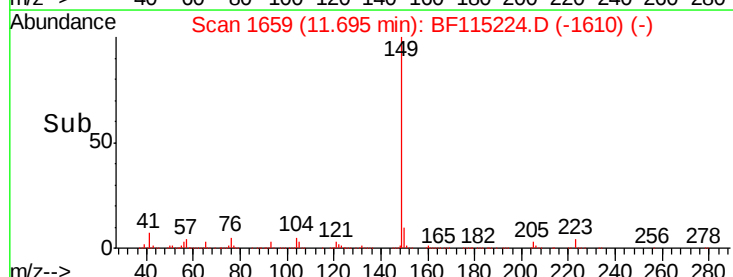
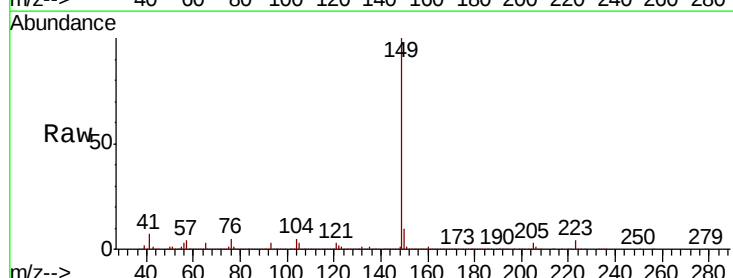
Manual Integrations
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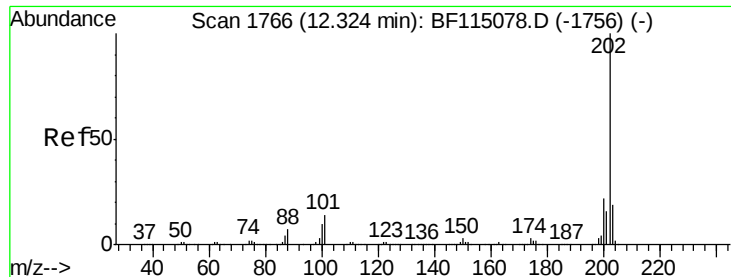
mohammad
 6/27/2019 8:32:22 AM



#74
 Di-n-butylphthalate
 Concen: 44.210 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion:149 Resp: 2378698
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.0 3.7 5.5





#75

Fluoranthene

Concen: 39.422 ng

RT: 12.34 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MSD

Tot Ion:202 Resp: 2031797

Ion Ratio Lower Upper

202 100

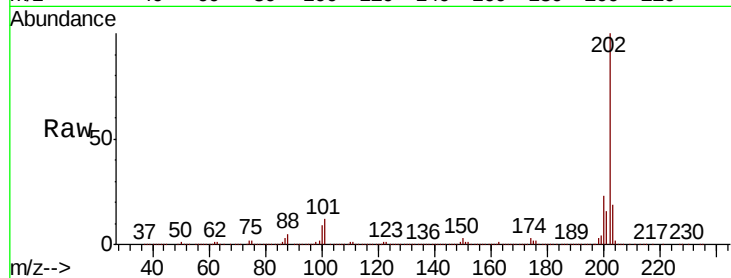
101 11.8 0.0 34.0

203 18.7 0.0 38.8

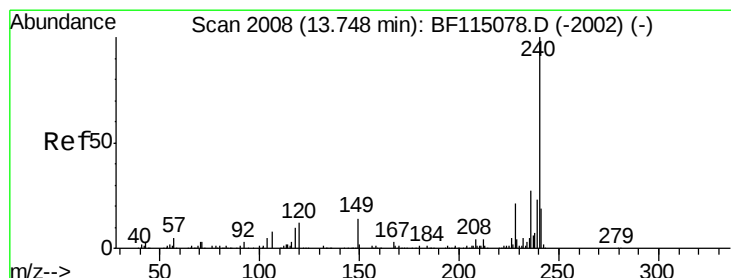
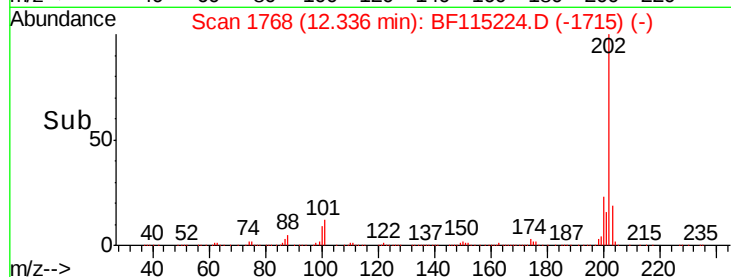
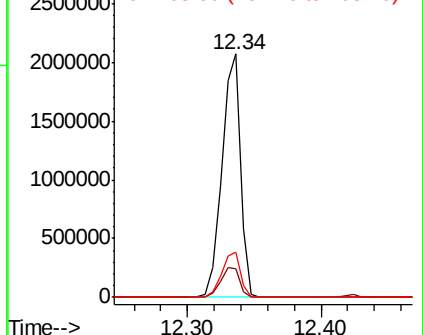
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2028

Delta R.T. 0.12 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:240 Resp: 646091

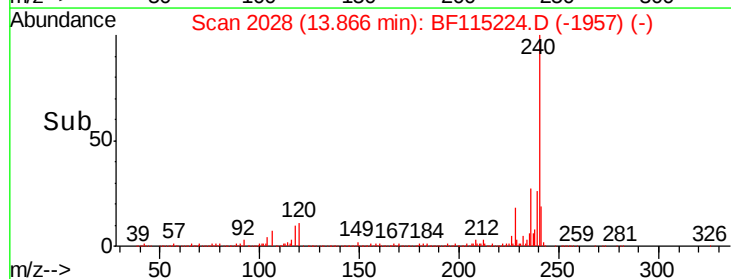
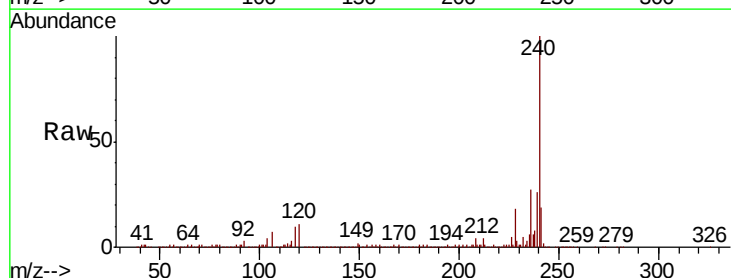
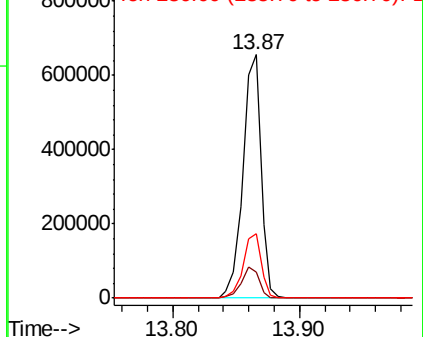
Ion Ratio Lower Upper

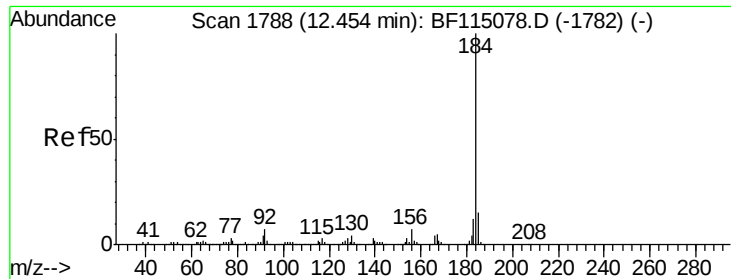
240 100

120 10.8 9.4 14.2

236 26.7 21.7 32.5

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





#77

Benzidine

Concen: 6.849 ng

RT: 12.46 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

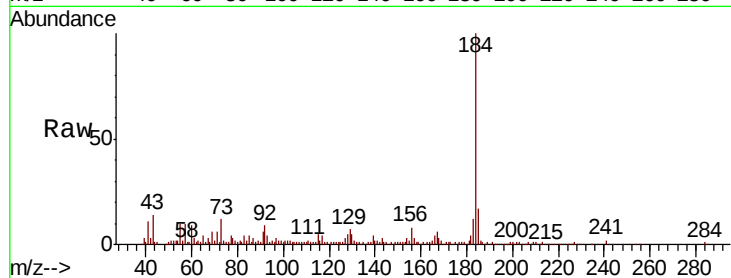
ClientSampleId :

SS043MW010-190611MSD

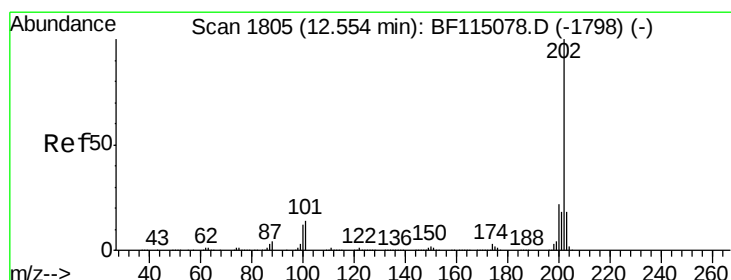
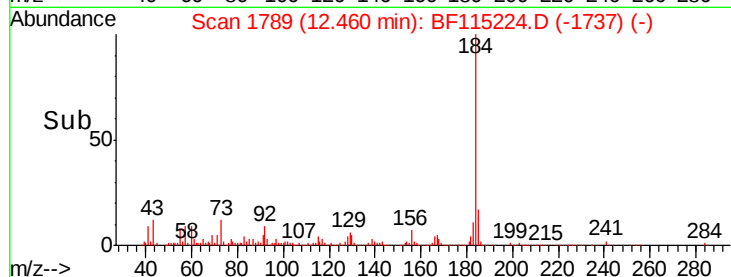
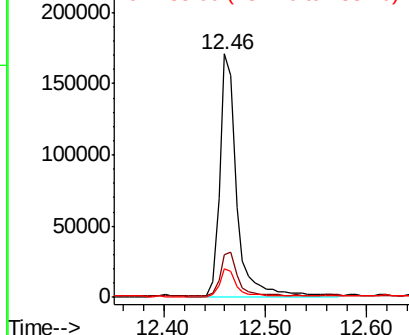
Tot Ion:	184	Resp:	196484
Ion Ratio	Lower	Upper	
184	100		
185	17.5	12.2	18.2
183	11.8	9.6	14.4

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



#78

Pyrene

Concen: 40.928 ng

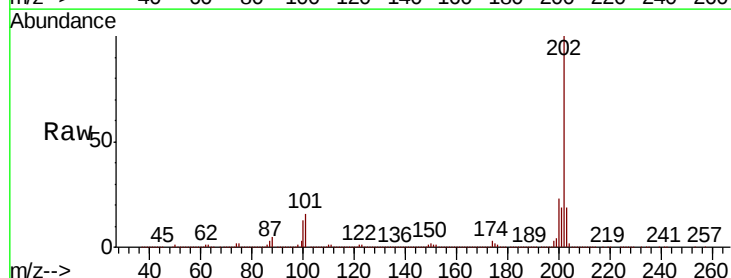
RT: 12.57 min Scan# 1807

Delta R.T. 0.01 min

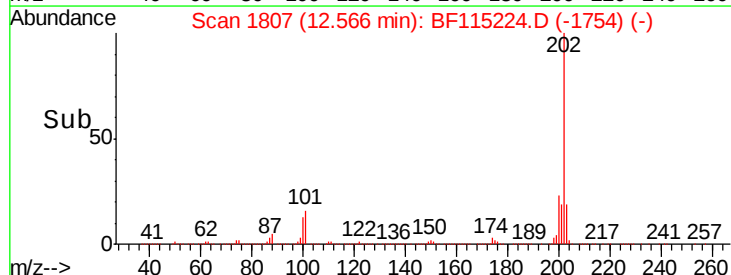
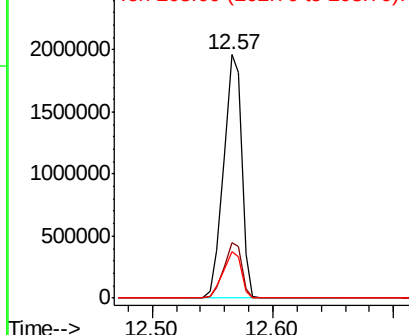
Lab File: BF115224.D

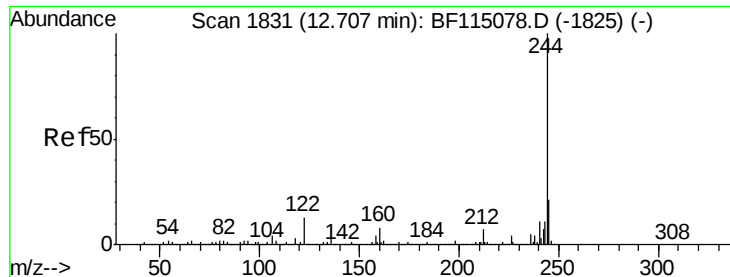
Acq: 26 Jun 2019 17:40

Tgt Ion:	202	Resp:	2032153
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.9	26.9
203	18.9	14.6	21.8



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





#79

Terphenyl-d14

Concen: 86.877 ng

RT: 12.73 min Scan# 1835

Delta R.T. 0.02 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MSD

Tot Ion:244 Resp: 2639997

Ion Ratio Lower Upper

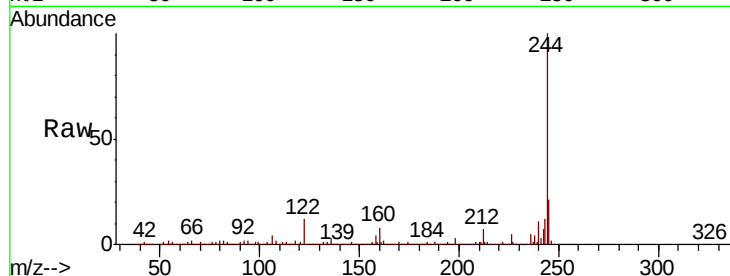
244 100

212 7.3 5.8 8.6

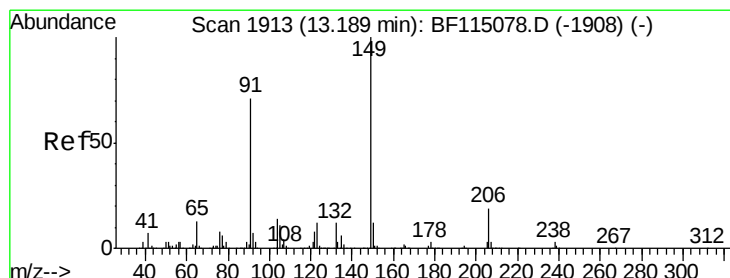
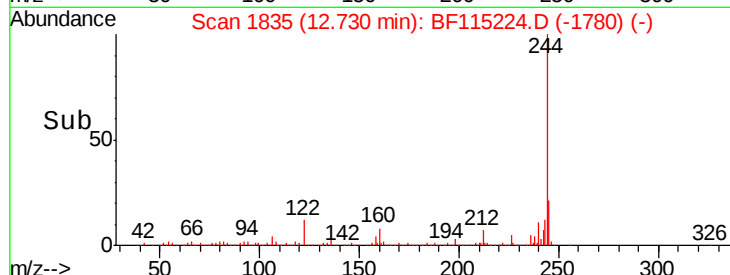
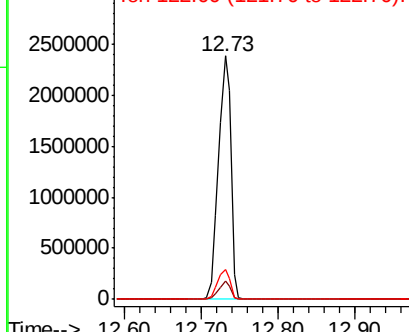
122 12.5 10.4 15.6

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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: 44.735 ng

RT: 13.25 min Scan# 1923

Delta R.T. 0.06 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

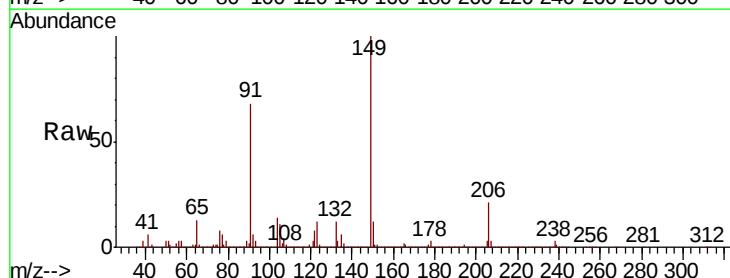
Tgt Ion:149 Resp: 980239

Ion Ratio Lower Upper

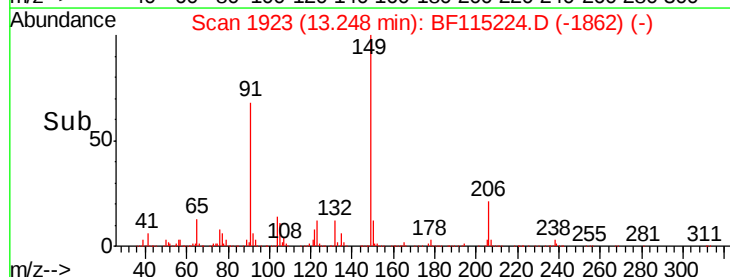
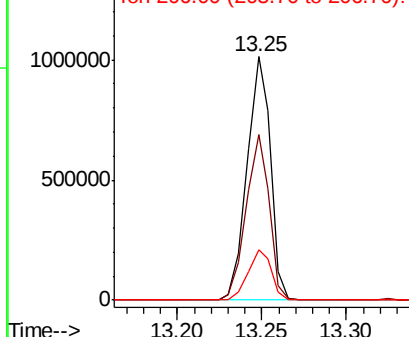
149 100

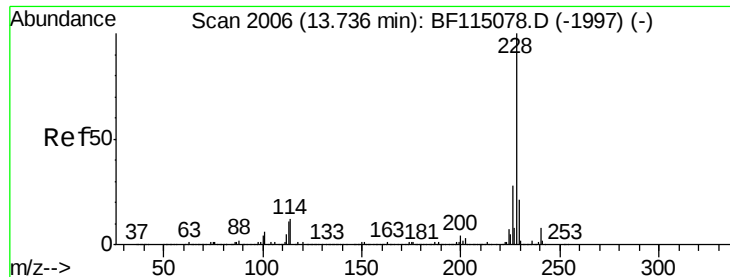
91 67.9 56.5 84.7

206 20.7 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: 40.530 ng

RT: 13.85 min Scan# 2026

Delta R.T. 0.12 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611MSD

Tot Ion:228 Resp: 1878923

Ion Ratio Lower Upper

228 100

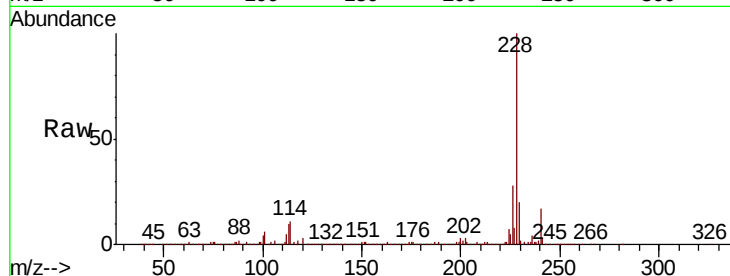
226 28.1 22.5 33.7

229 20.1 16.6 24.8

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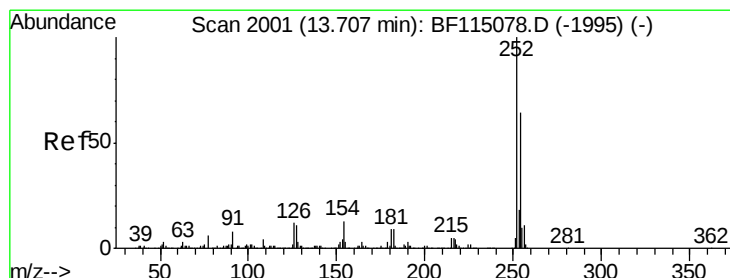
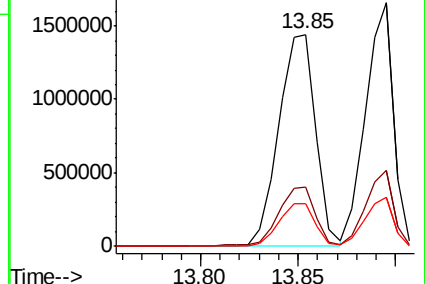
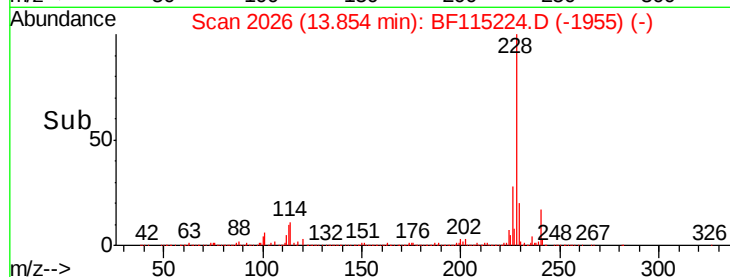
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.590 ng

RT: 13.82 min Scan# 2020

Delta R.T. 0.11 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

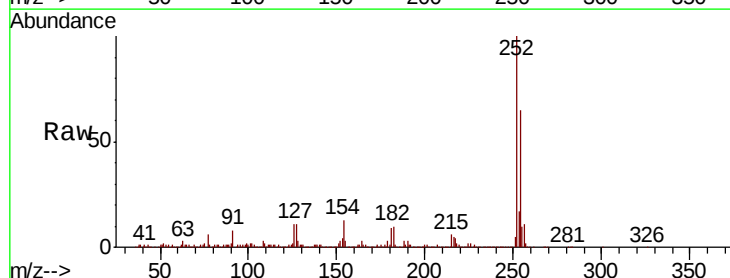
Tgt Ion:252 Resp: 512107

Ion Ratio Lower Upper

252 100

254 65.5 51.1 76.7

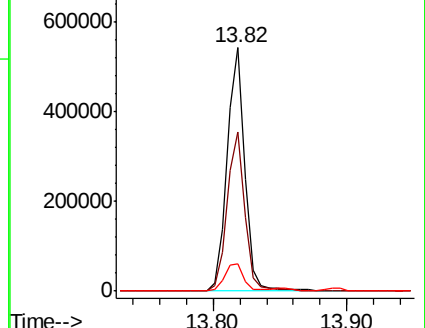
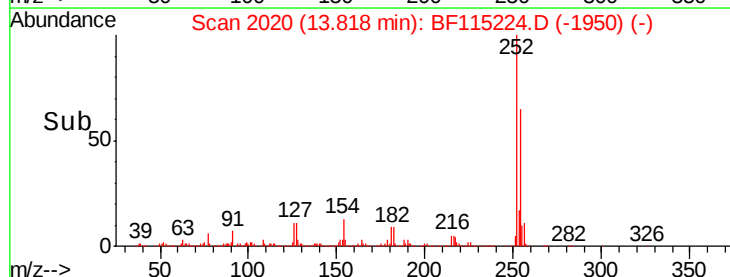
126 11.4 9.4 14.0

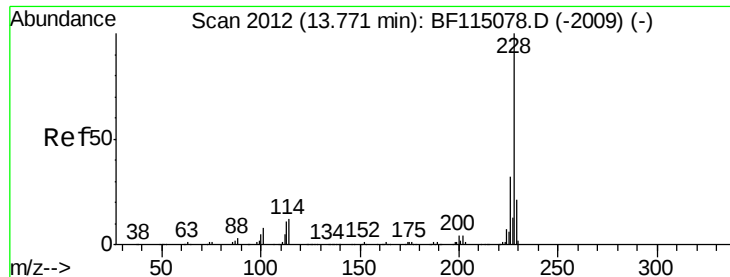


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.609 ng

RT: 13.89 min Scan# 2033

Delta R.T. 0.12 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

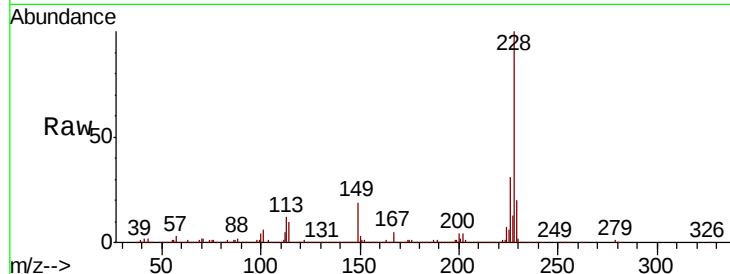
ClientSampleId :

SS043MW010-190611MSD

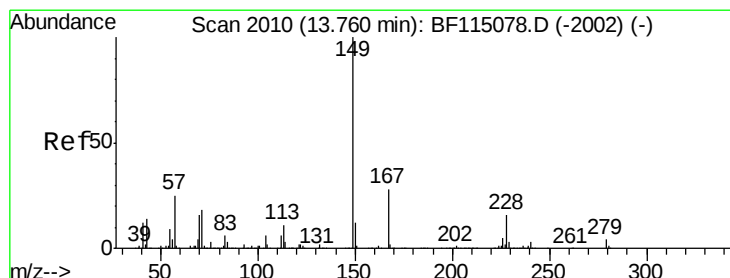
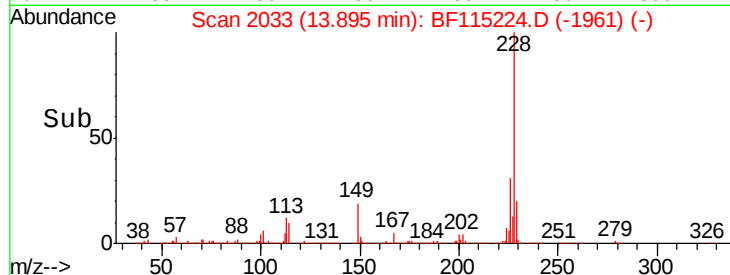
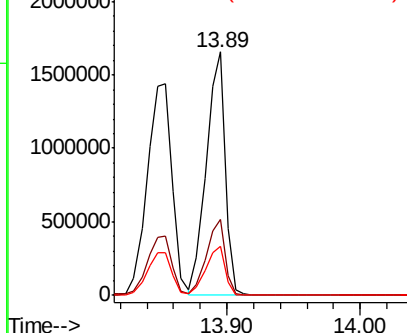
Tot Ion:	228	Resp:	1639565
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.3	16.5	24.7

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.219 ng

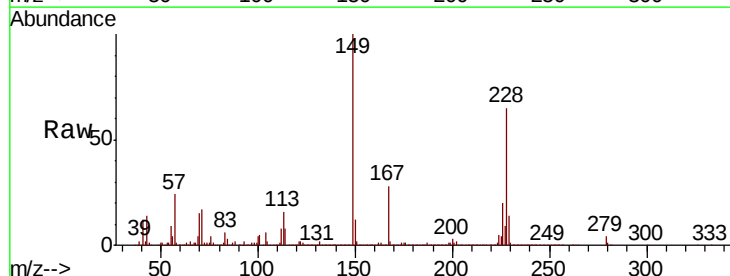
RT: 13.88 min Scan# 2031

Delta R.T. 0.12 min

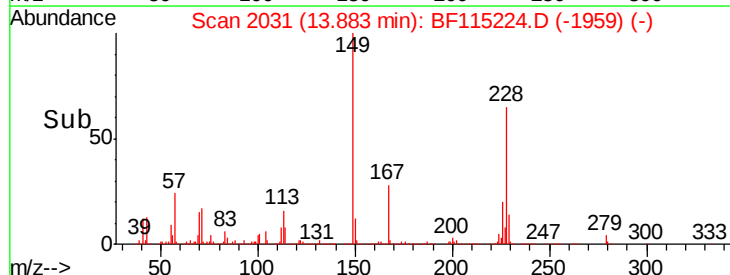
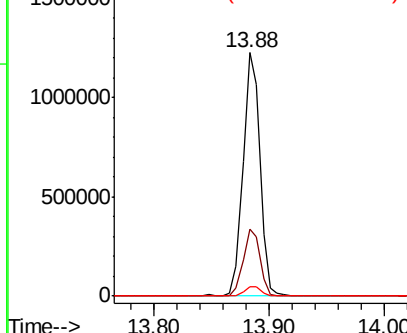
Lab File: BF115224.D

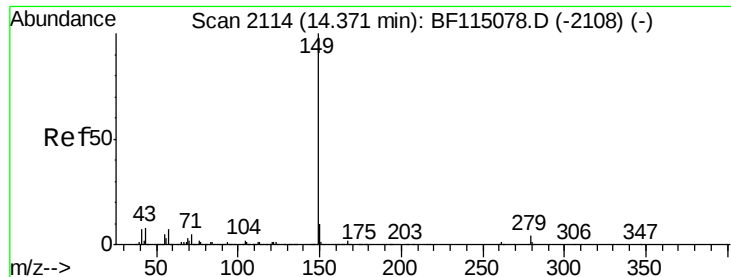
Acq: 26 Jun 2019 17:40

Tgt Ion:	149	Resp:	1240895
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	3.8	2.9	4.3



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





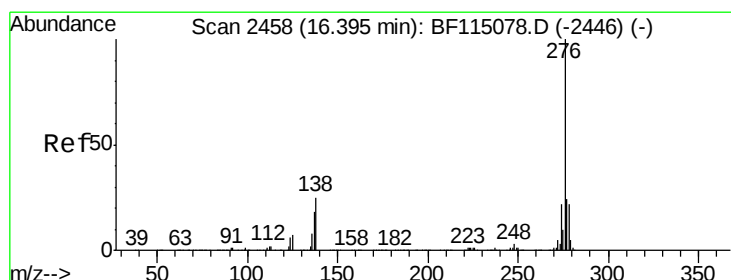
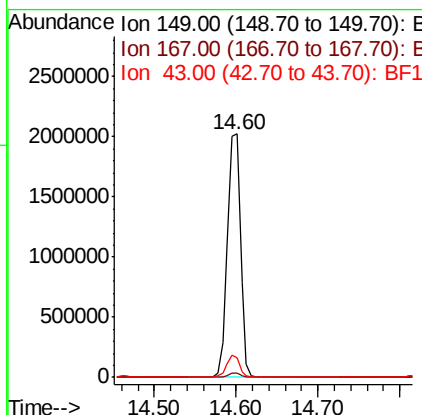
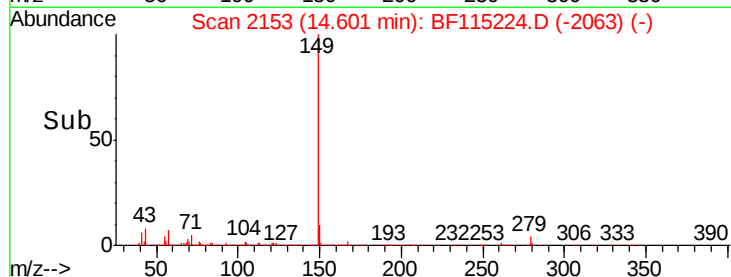
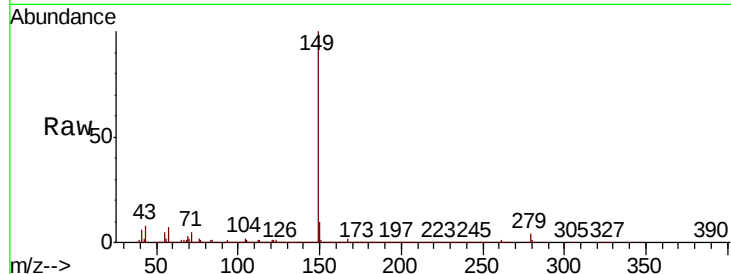
#85
Di-n-octyl phthalate
Concen: 46.462 ng
RT: 14.60 min Scan# 2153
Delta R.T. 0.23 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	7.0	10.6

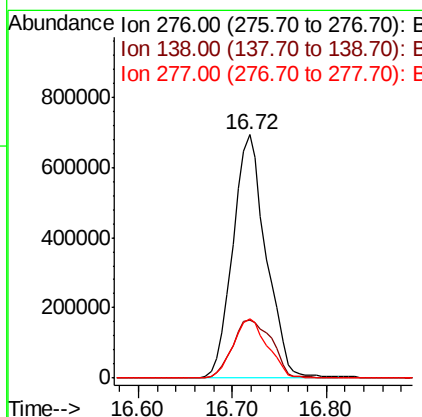
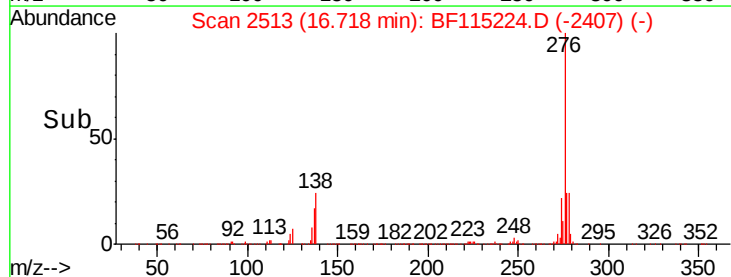
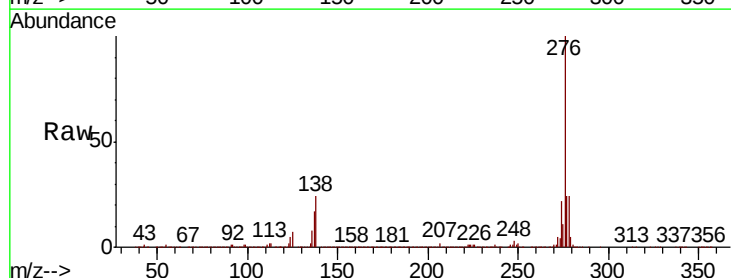
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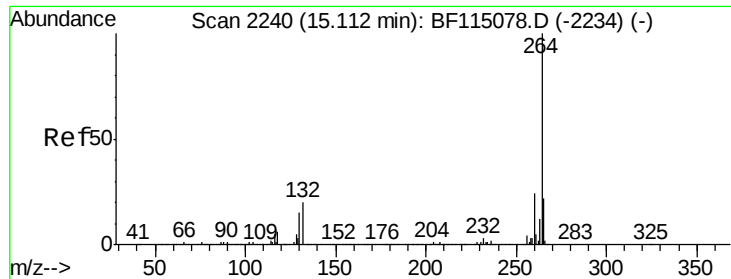
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.872 ng
RT: 16.72 min Scan# 2513
Delta R.T. 0.32 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.2	34.8
277	25.7	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2291

Delta R.T. 0.30 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

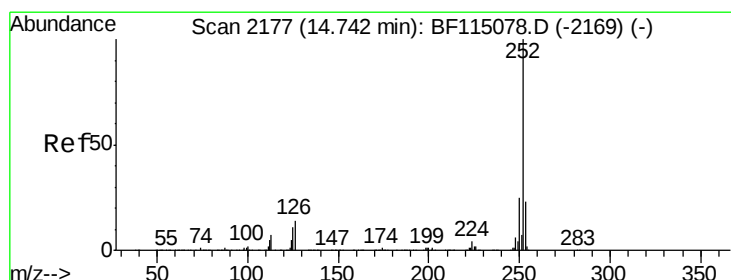
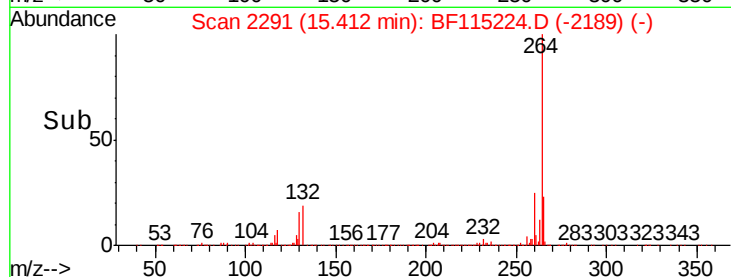
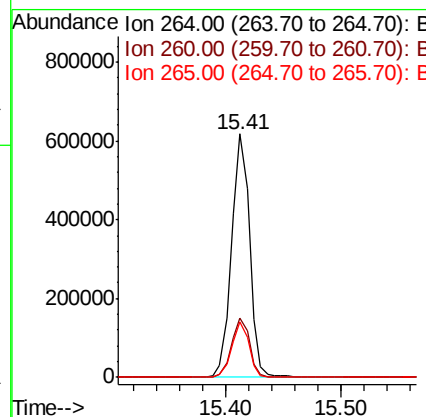
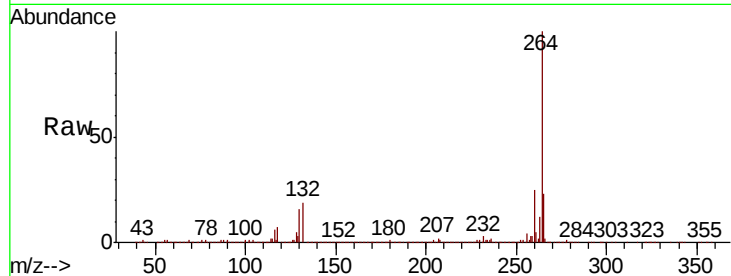
ClientSampleId :

SS043MW010-190611MSD

Tot Ion:	264	Resp:	671671
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.7	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 45.124 ng m

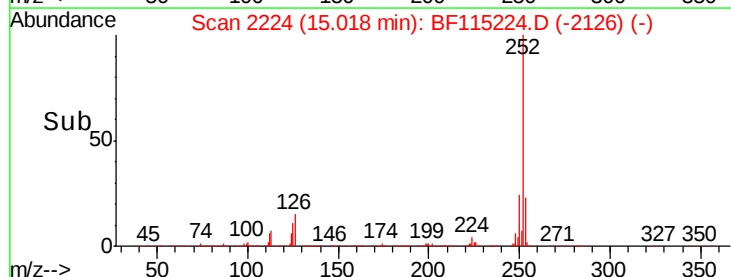
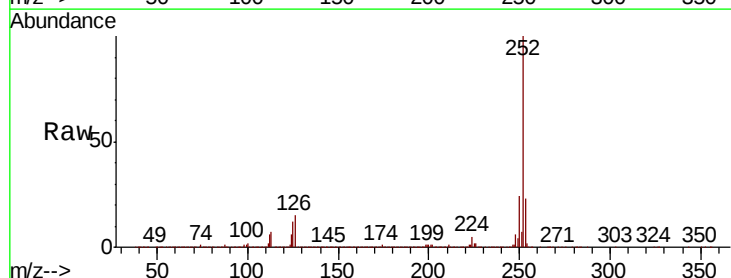
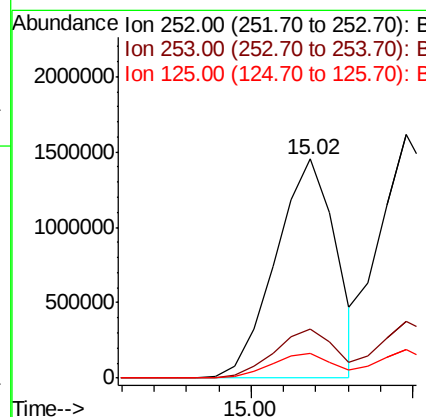
RT: 15.02 min Scan# 2224

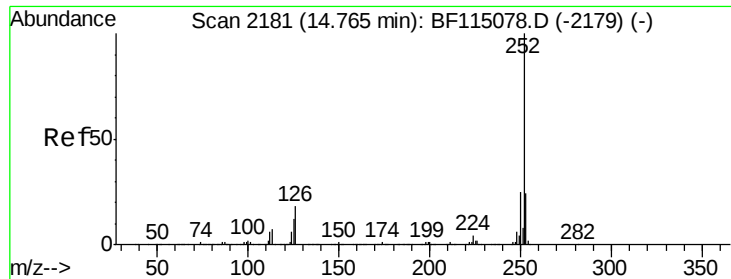
Delta R.T. 0.28 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:	252	Resp:	1891160
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.5	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 48.625 ng

RT: 15.05 min Scan# 2229

Delta R.T. 0.28 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

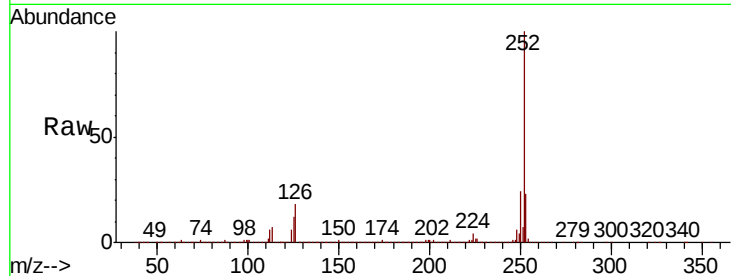
SS043MW010-190611MSD

Tot Ion:252 Resp: 1827545

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	11.9	10.2	15.2

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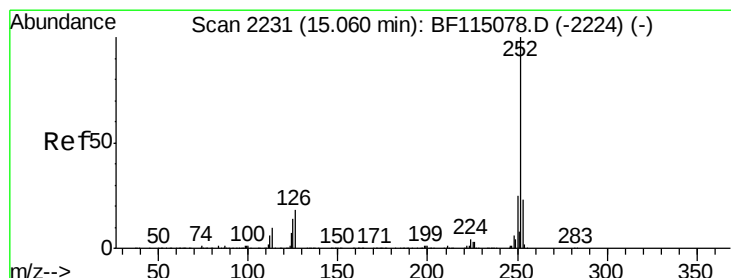
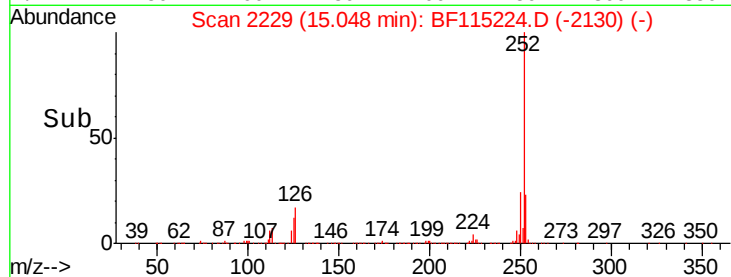
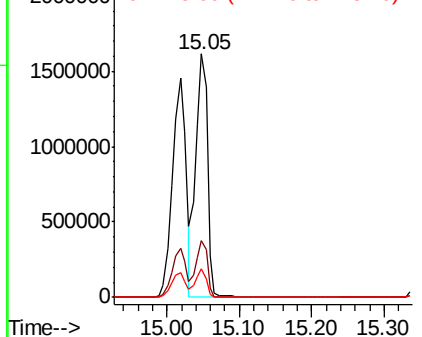


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.605 ng

RT: 15.36 min Scan# 2282

Delta R.T. 0.30 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:252 Resp: 1722694

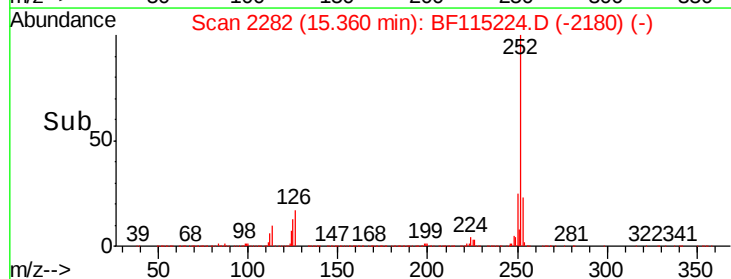
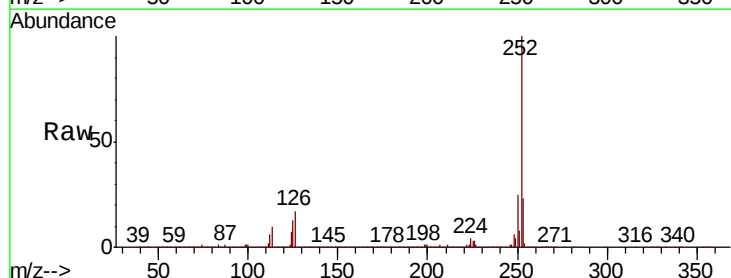
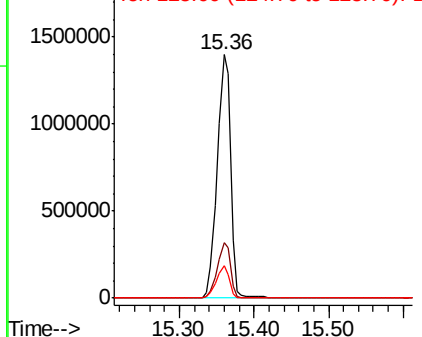
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	13.3	10.9	16.3

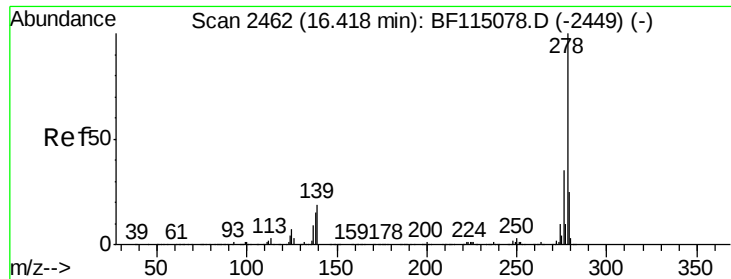
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





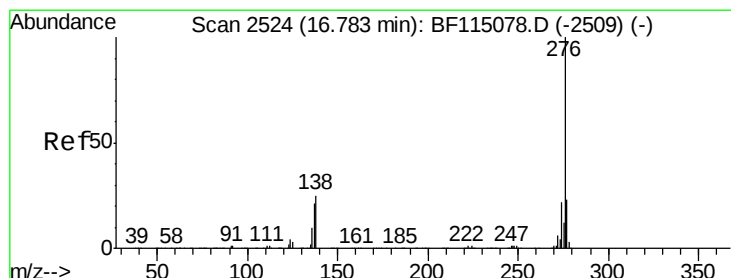
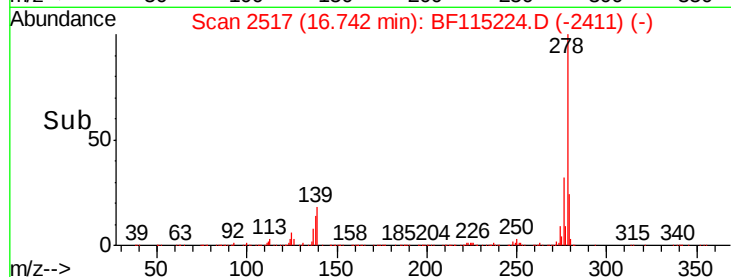
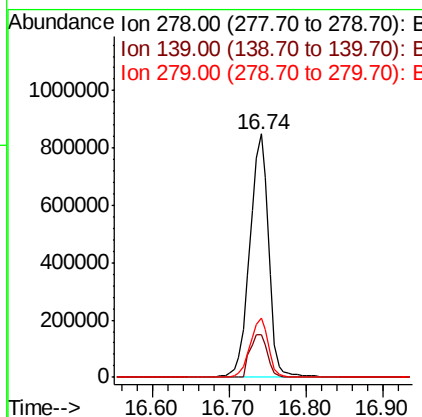
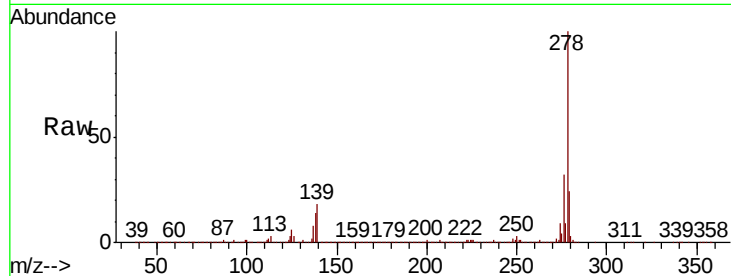
#91
Dibenzo(a,h)anthracene
Concen: 41.507 ng
RT: 16.74 min Scan# 2517
Delta R.T. 0.32 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Tot Ion:278 Resp: 1463737
Ion Ratio Lower Upper
278 100
139 17.6 15.4 23.2
279 24.4 19.9 29.9

Manual Integrations
APPROVED

mohammad
6/27/2019 8:32:22 AM



#92
Benzo(g,h,i)perylene
Concen: 37.638 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.32 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:276 Resp: 1343383
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 24.1 19.8 29.6

