

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115195.D
 Acq On : 25 Jun 2019 18:50
 Operator : HP/JU
 Sample : K3470-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:34 PM

Quant Time: Jun 26 07:11:12 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	273395	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	988365	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	400189	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	662779	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	554318	20.00	ng	-0.02
87) Perylene-d12	15.09	264	672582	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1475227	83.27	ng	0.01
7) Phenol-d6	6.25	99	1860220	86.51	ng	0.00
23) Nitrobenzene-d5	7.17	82	1097494	68.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	344610	81.66	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1749299	74.25	ng	-0.01
79) Terphenyl-d14	12.69	244	1544794	59.25	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.26	88	192267	22.995	ng	100
3) Pyridine	2.91	79	484819	20.573	ng	99
4) n-Nitrosodimethylamine	2.85	42	223650	24.208	ng	96
6) Aniline	6.27	93	297367	10.062	ng	# 1
8) 2-Chlorophenol	6.40	128	531442	26.677	ng	99
9) Benzaldehyde	6.15	77	353646	25.208	ng	97
10) Phenol	6.27	94	628553	24.954	ng	97
11) bis(2-Chloroethyl)ether	6.35	93	486099	26.180	ng	98
12) 1,3-Dichlorobenzene	6.55	146	585198	26.469	ng	98
13) 1,4-Dichlorobenzene	6.63	146	595315	26.852	ng	98
14) 1,2-Dichlorobenzene	6.78	146	551379	26.856	ng	98
15) Benzyl Alcohol	6.75	79	364943	23.307	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	669719	24.869	ng	94
17) 2-Methylphenol	6.87	107	465301	28.297	ng	98
18) Hexachloroethane	7.12	117	203749	25.492	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	331064	24.048	ng	98
20) 3+4-Methylphenols	7.02	107	505613	26.630	ng	91
22) Acetophenone	7.02	105	696519	30.783	ng	# 96
24) Nitrobenzene	7.19	77	514064	29.042	ng	100
25) Isophorone	7.44	82	890205	27.047	ng	99
26) 2-Nitrophenol	7.51	139	274606	31.415	ng	98
27) 2,4-Dimethylphenol	7.55	122	446579	31.203	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	576482	27.712	ng	99
29) 2,4-Dichlorophenol	7.75	162	404367	27.378	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	478918	29.355	ng	99
31) Naphthalene	7.91	128	1456641	30.024	ng	99
32) Benzoic acid	7.61	122	115293m	11.285	ng	
33) 4-Chloroaniline	7.96	127	233199	10.517	ng	100
34) Hexachlorobutadiene	8.04	225	258893	28.957	ng	98
35) Caprolactam	8.32	113	102041m	20.549	ng	
36) 4-Chloro-3-methylphenol	8.45	107	381344	25.494	ng	98
37) 2-Methylnaphthalene	8.60	142	933300	28.531	ng	98
38) 1-Methylnaphthalene	8.70	142	872126	27.915	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	394755	34.907	ng	99

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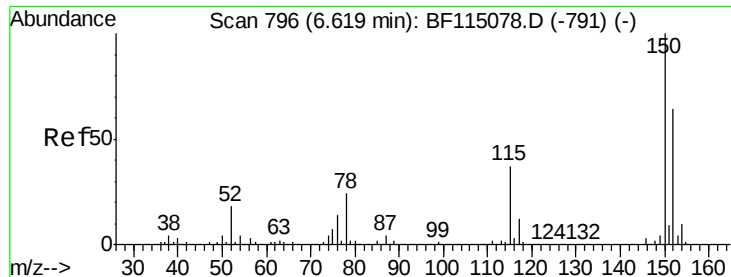
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	311766	46.493	nq	98
43) 2,4,6-Trichlorophenol	8.88	196	244883	28.049	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	261618	29.098	nq	96
46) 1,1'-Biphenyl	9.07	154	1057709	33.032	nq	99
47) 2-Chloronaphthalene	9.09	162	823842	31.718	nq	99
48) 2-Nitroaniline	9.18	65	218528	28.858	nq	96
49) Acenaphthylene	9.50	152	1240516	30.654	nq	99
50) Dimethylphthalate	9.37	163	1280671	43.497	nq	99
51) 2,6-Dinitrotoluene	9.42	165	195418	28.749	nq	93
52) Acenaphthene	9.67	154	771421	30.463	nq	99
53) 3-Nitroaniline	9.58	138	142810	17.216	nq	99
54) 2,4-Dinitrophenol	9.69	184	93464	31.612	nq	95
55) Dibenzofuran	9.84	168	1055297	29.035	nq	97
56) 4-Nitrophenol	9.75	139	303860	45.692	nq	96
57) 2,4-Dinitrotoluene	9.82	165	241866	27.557	nq	92
58) Fluorene	10.18	166	742165	28.213	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	184059	24.414	nq	98
60) Diethylphthalate	10.07	149	797364	26.942	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	360360	28.904	nq	97
62) 4-Nitroaniline	10.19	138	192110	23.086	nq	98
63) Azobenzene	10.34	77	737602	26.682	nq	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	79446	25.160	nq	96
66) n-Nitrosodiphenylamine	10.30	169	667005	32.302	nq	100
67) 4-Bromophenyl-phenylether	10.67	248	222264	30.931	nq	94
68) Hexachlorobenzene	10.72	284	240030	30.774	nq	93
69) Atrazine	10.82	200	186299	28.047	nq	99
70) Pentachlorophenol	10.92	266	271861	54.711	nq	99
71) Phenanthrene	11.13	178	1075664	30.143	nq	98
72) Anthracene	11.18	178	1103625	30.638	nq	100
73) Carbazole	11.34	167	969348	30.136	nq	99
74) Di-n-butylphthalate	11.69	149	1096667	29.504	nq	99
75) Fluoranthene	12.31	202	1114898	31.313	nq	96
77) Benzidine	12.44	184	330102	13.411	nq	# 94
78) Pyrene	12.54	202	1150864	27.016	nq	100
80) Butylbenzylphthalate	13.17	149	503046	26.758	nq	96
81) Benzo(a)anthracene	13.72	228	1105172	27.786	nq	99
82) 3,3'-Dichlorobenzidine	13.68	252	274055	19.080	nq	99
83) Chrysene	13.75	228	1055905	28.981	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	689572	27.993	nq	100
85) Di-n-octyl phthalate	14.35	149	1250825	30.222	nq	100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1187299	27.540	nq	99
88) Benzo(b)fluoranthene	14.72	252	1216433	28.985	nq	100
89) Benzo(k)fluoranthene	14.74	252	1103730	29.327	nq	98
90) Benzo(a)pyrene	15.04	252	1155510	30.548	nq	99
91) Dibenzo(a,h)anthracene	16.38	278	1007999	28.545	nq	97
92) Benzo(g,h,i)perylene	16.74	276	955011	26.721	nq	98

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



#1

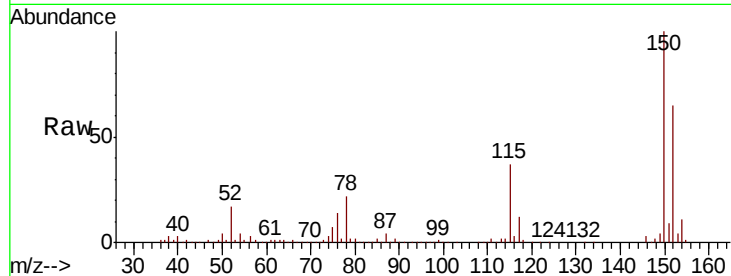
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.2
115	55.9	46.1	69.1

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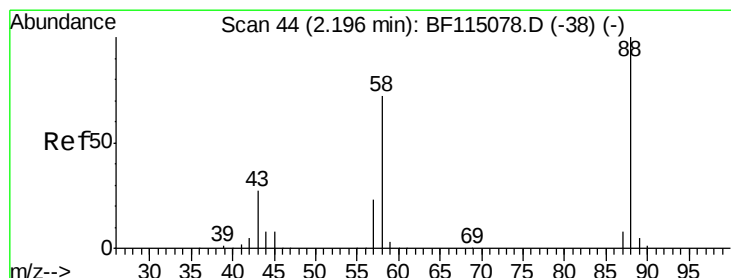
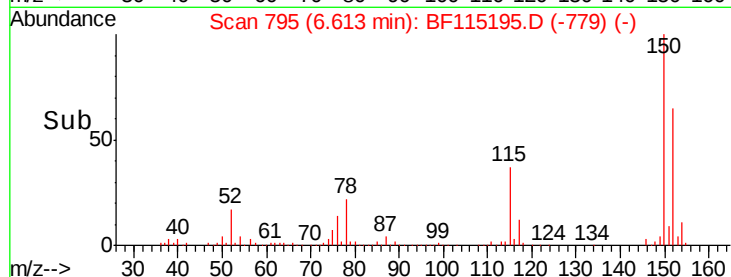
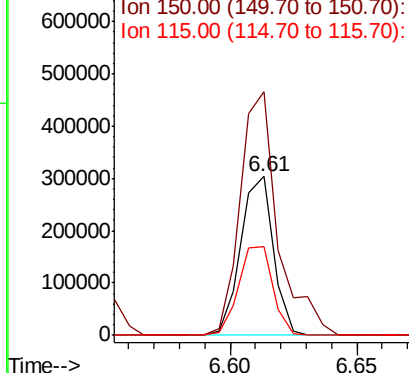


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

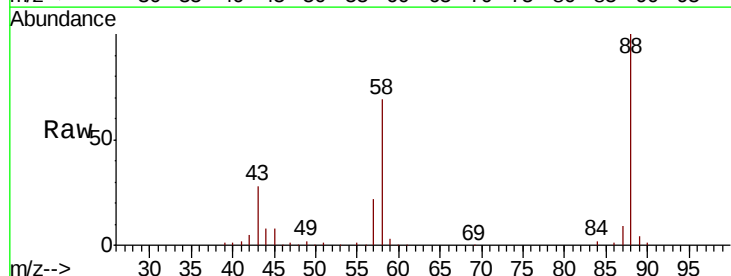
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.995 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.06 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	56.1	84.1
43	26.9	21.3	31.9

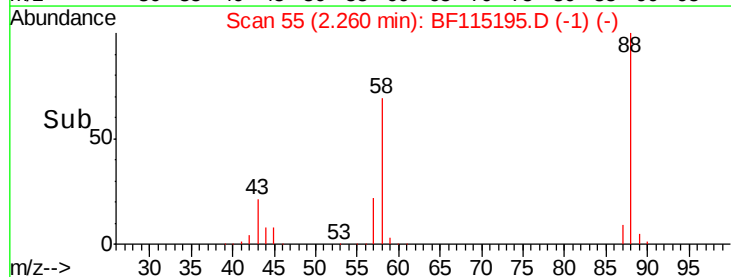
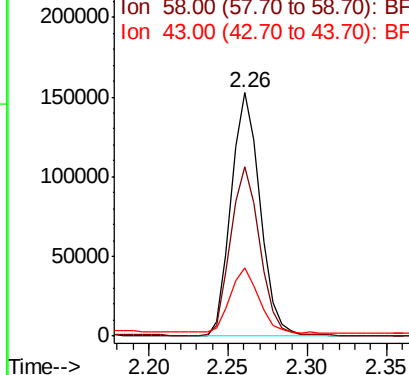


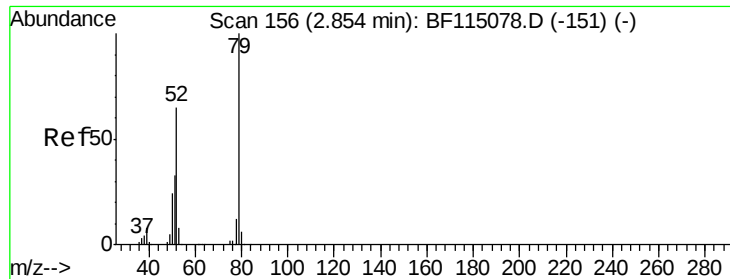
Abundance

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: 20.573 ng

RT: 2.91 min Scan# 166

Delta R.T. 0.06 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

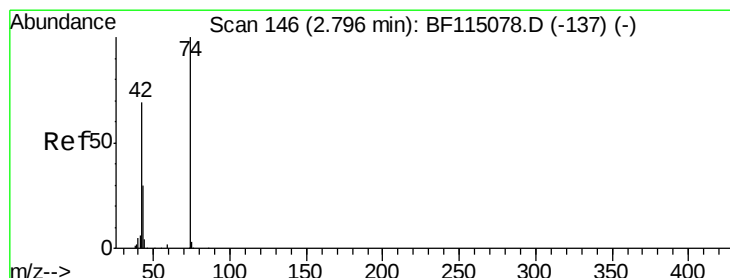
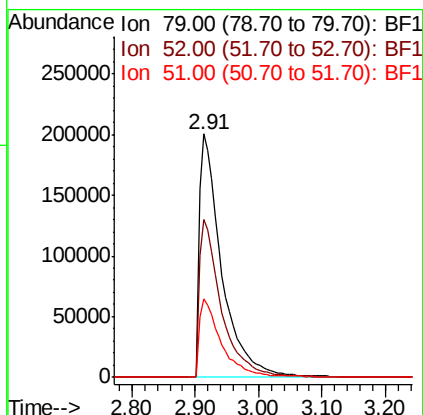
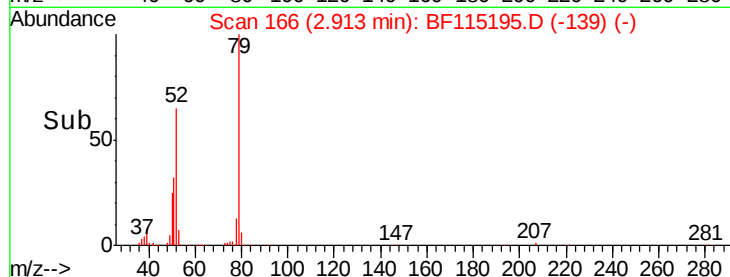
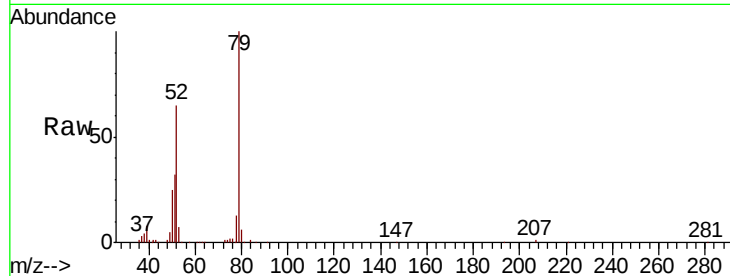
ClientSampleId :

SAMPLE-4MSD

Tot Ion:	79	Resp:	484819
Ion	Ratio	Lower	Upper
79	100		
52	65.1	52.3	78.5
51	32.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 24.208 ng

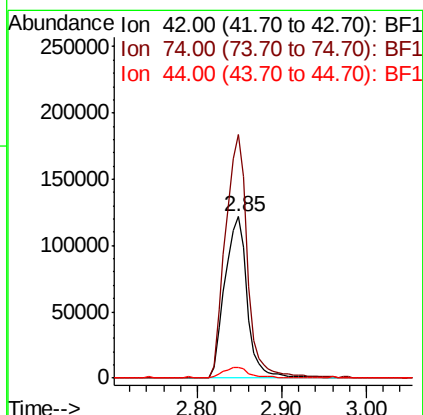
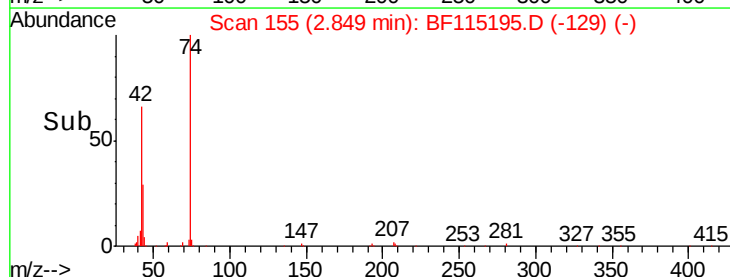
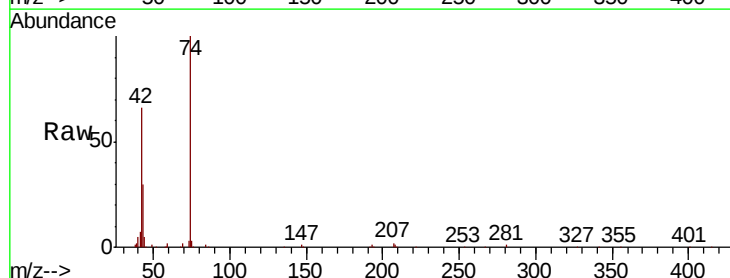
RT: 2.85 min Scan# 155

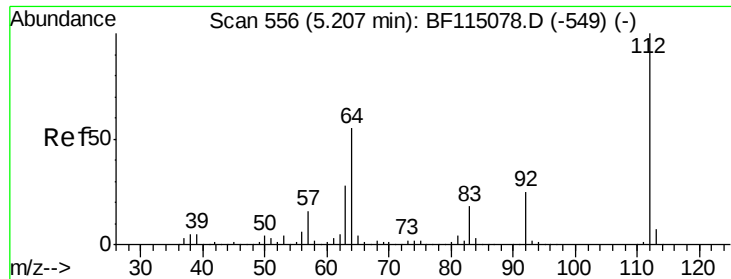
Delta R.T. 0.05 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion:	42	Resp:	223650
Ion	Ratio	Lower	Upper
42	100		
74	150.6	116.6	175.0
44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 83.269 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion:112 Resp: 1475227

Ion Ratio Lower Upper

112 100

64 52.1 43.8 65.6

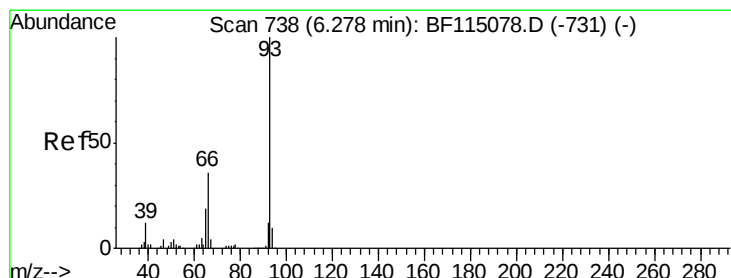
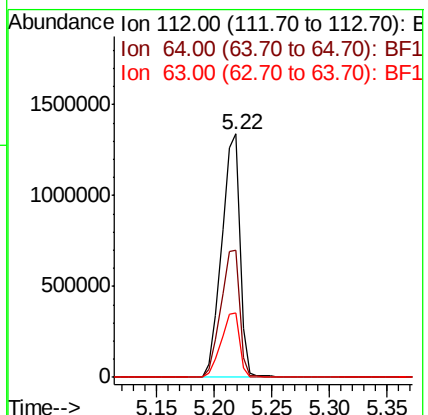
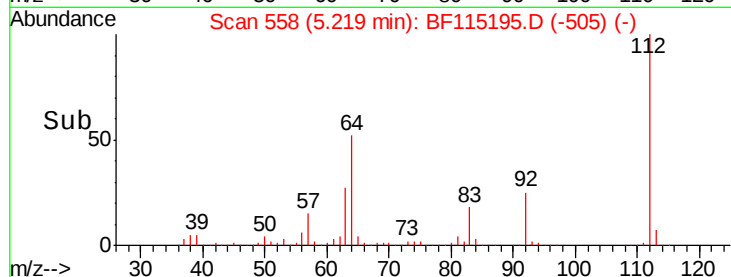
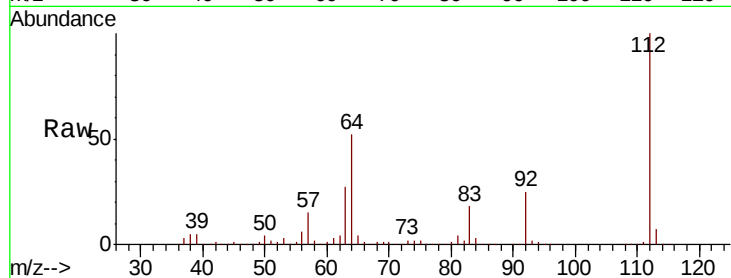
63 26.7 22.2 33.4

Manual Integrations

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#6

Aniline

Concen: 10.062 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

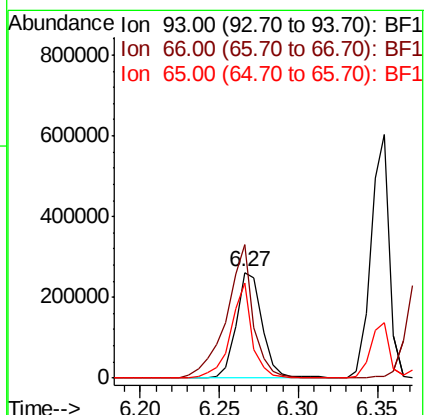
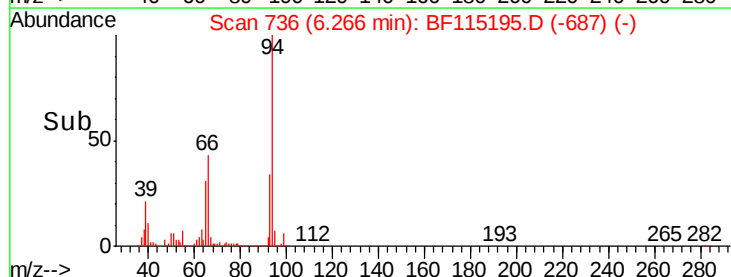
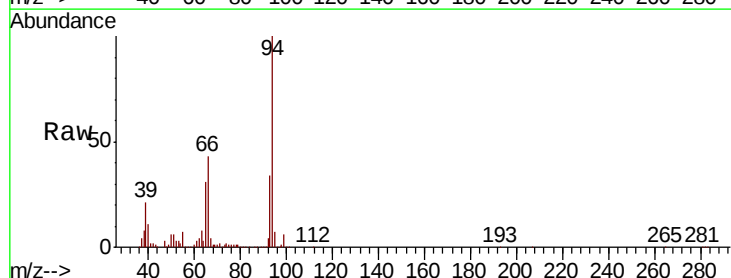
Tgt Ion: 93 Resp: 297367

Ion Ratio Lower Upper

93 100

66 125.9 30.0 45.0#

65 89.7 15.6 23.4#





#7

Phenol-d6

Concen: 86.508 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion: 99 Resp: 1860220

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

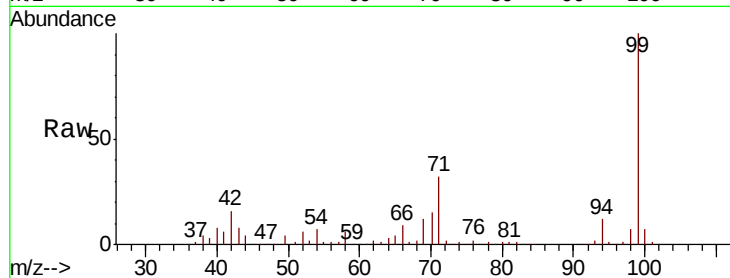
71 32.0 25.5 38.3

Manual Integrations

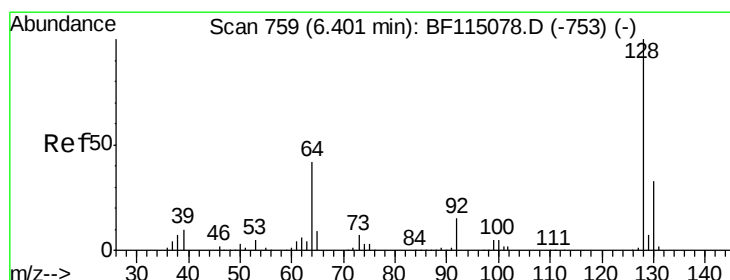
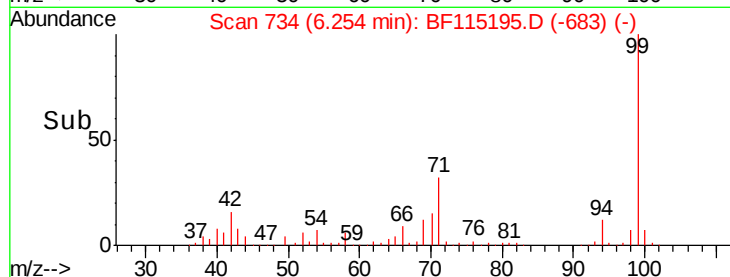
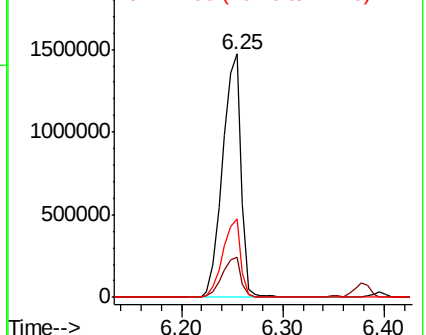
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.677 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

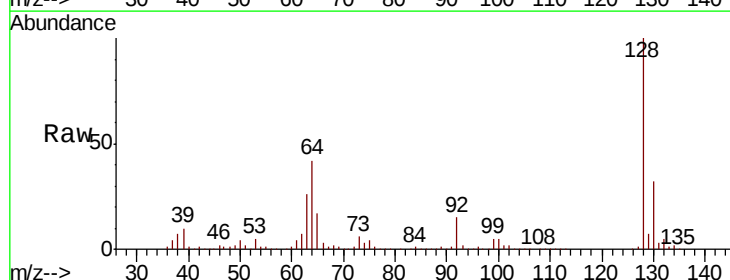
Tgt Ion:128 Resp: 531442

Ion Ratio Lower Upper

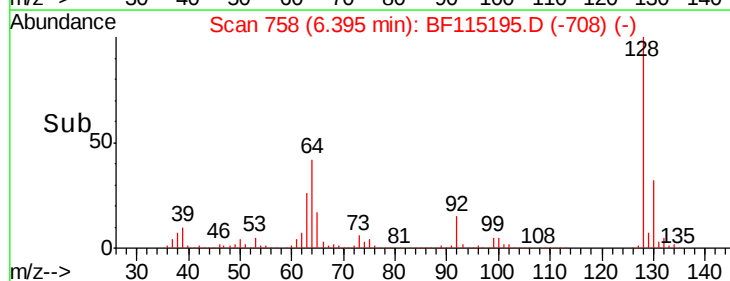
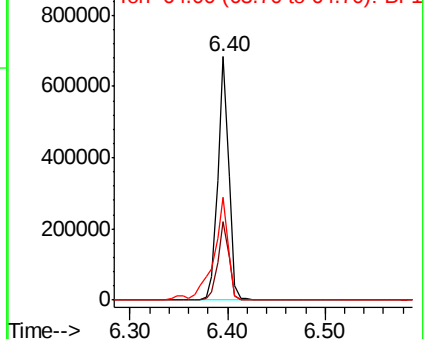
128 100

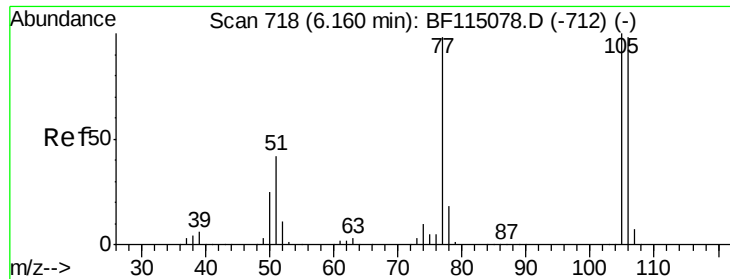
130 32.1 12.9 52.9

64 42.0 22.9 62.9



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





#9

Benzaldehyde

Concen: 25.208 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

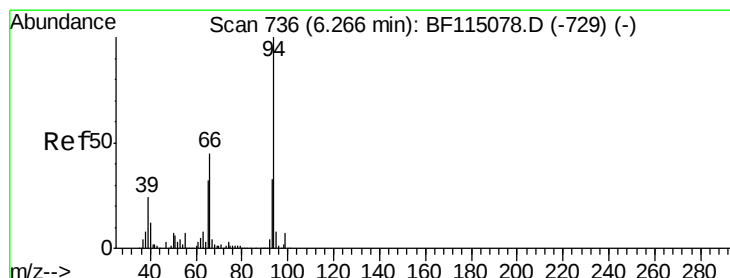
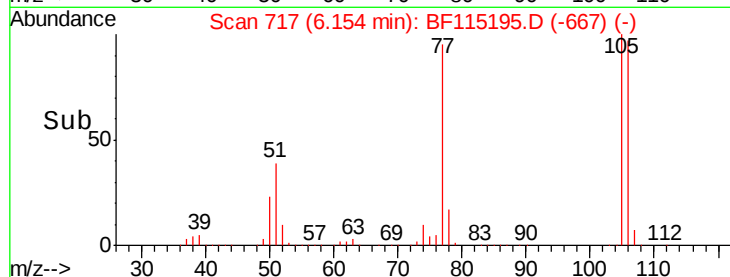
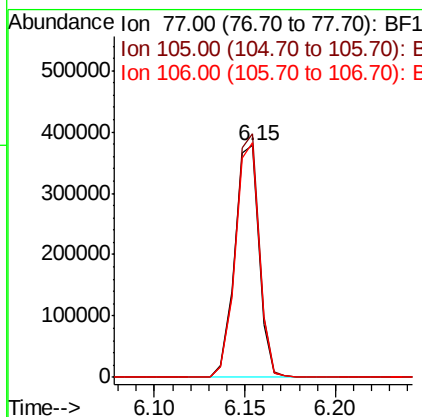
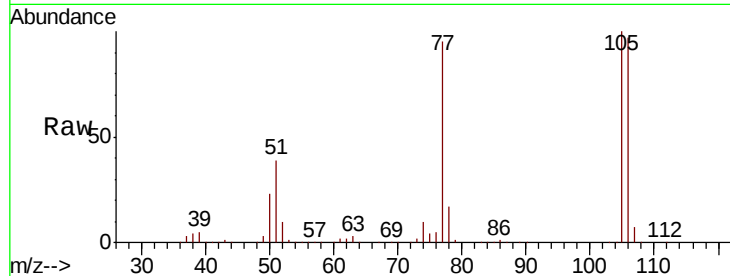
ClientSampleId :

SAMPLE-4MSD

Tot Ion:	77	Resp:	353646
Ion	Ratio	Lower	Upper
77	100		
105	105.1	81.5	121.5
106	101.5	79.7	119.7

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#10

Phenol

Concen: 24.954 ng

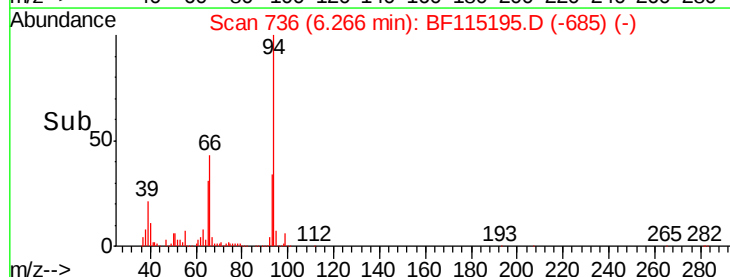
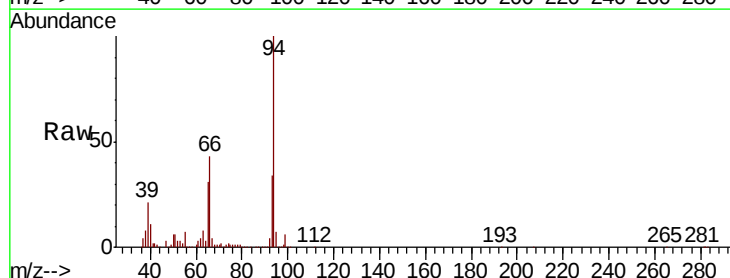
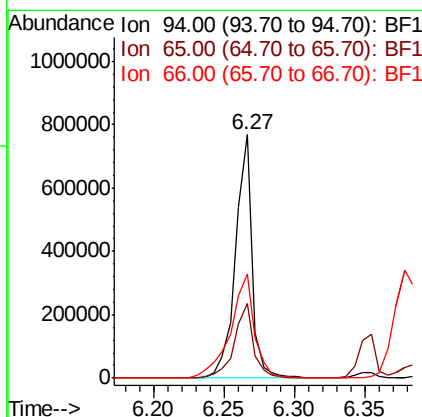
RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion:	94	Resp:	628553
Ion	Ratio	Lower	Upper
94	100		
65	30.6	11.9	51.9
66	43.0	25.2	65.2





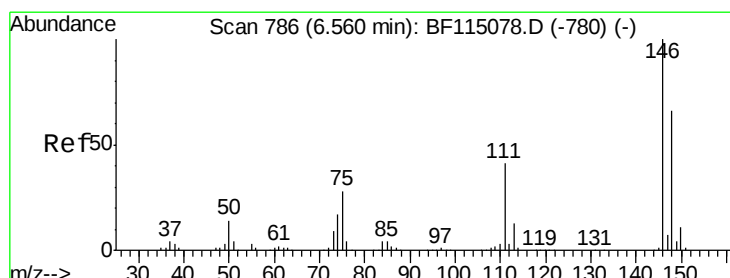
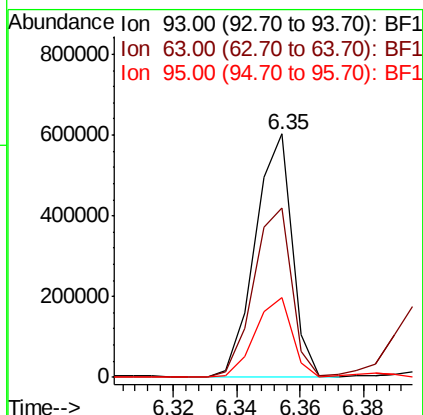
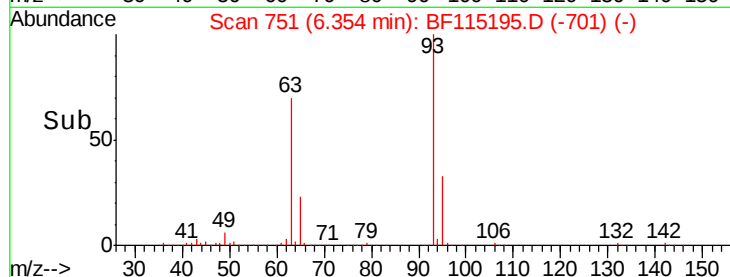
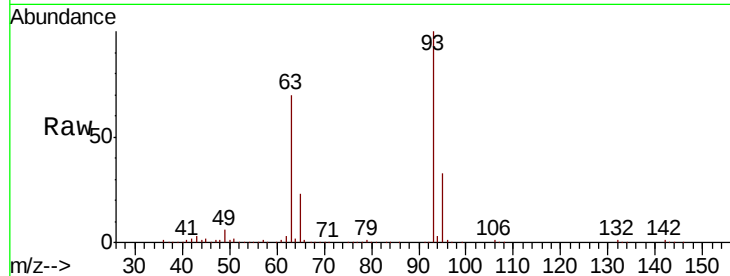
#11
bis(2-Chloroethyl)ether
Concen: 26.180 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:	93	Resp:	486099
Ion	Ratio	Lower	Upper
93	100		
63	69.5	51.5	91.5
95	32.9	13.4	53.4

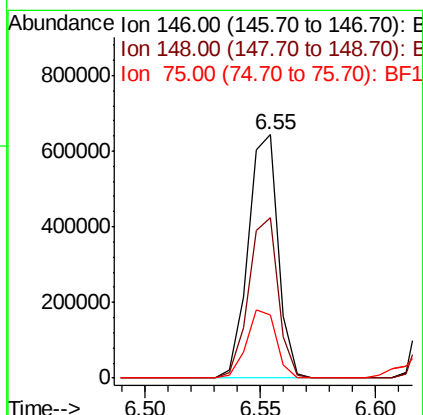
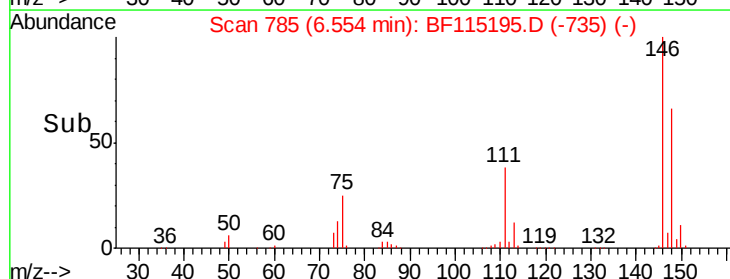
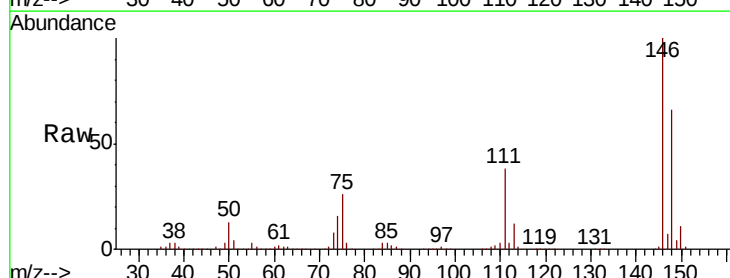
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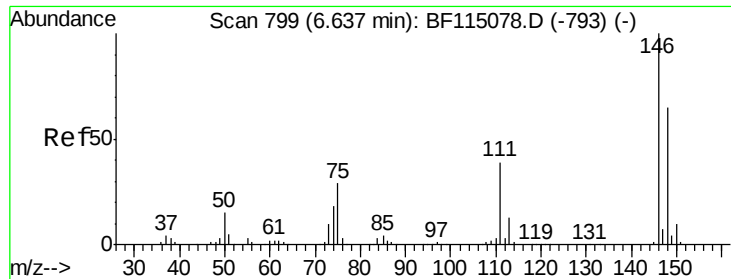
mohammad
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#12
1,3-Dichlorobenzene
Concen: 26.469 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:	146	Resp:	585198
Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	25.7	22.6	34.0





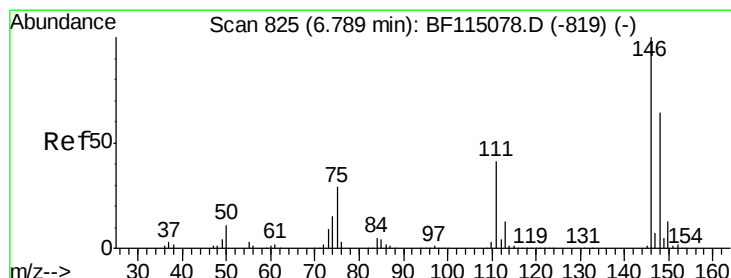
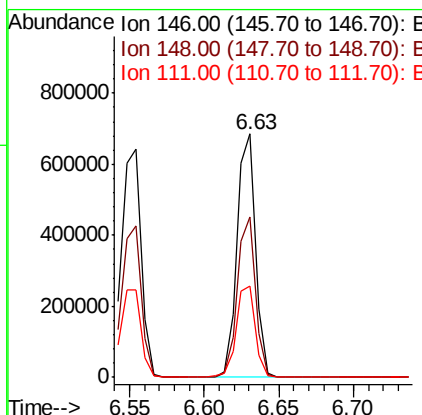
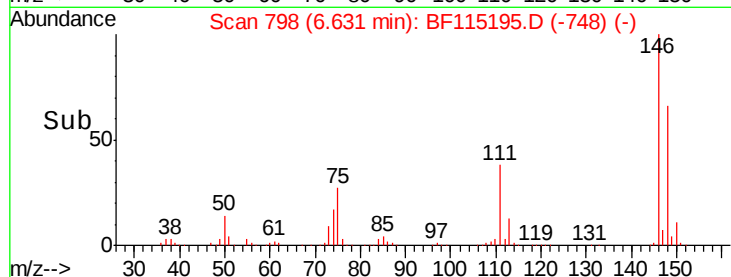
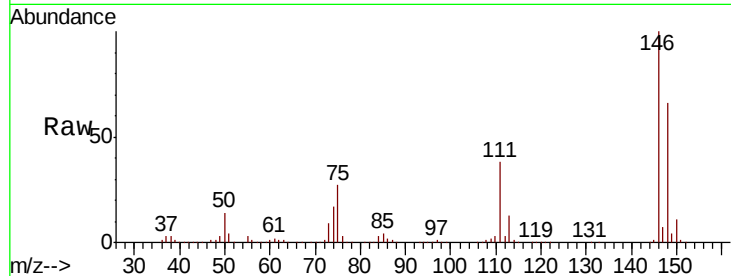
#13
 1,4-Dichlorobenzene
 Concen: 26.852 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
111	37.7	31.4	47.0

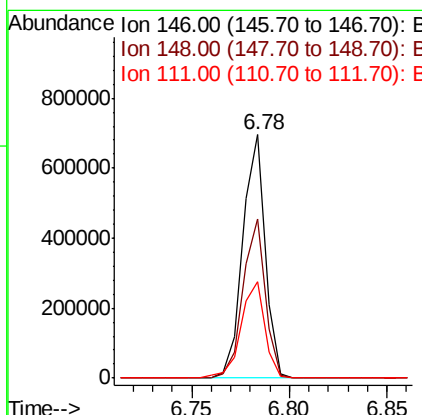
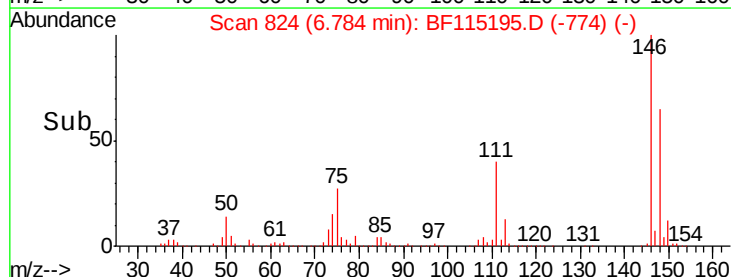
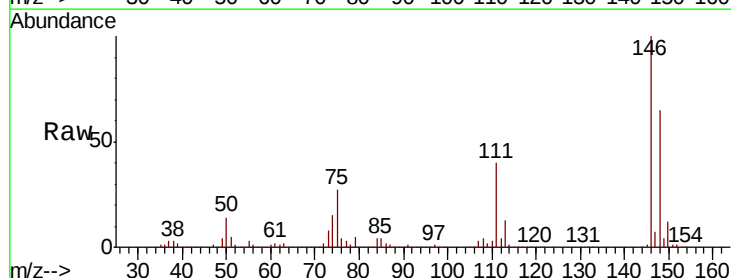
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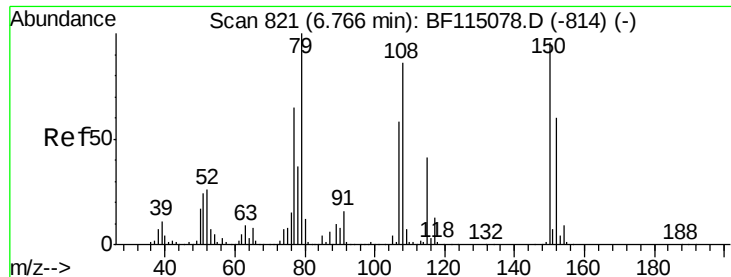
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 26.856 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	39.8	33.2	49.8





#15

Benzyl Alcohol

Concen: 23.307 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

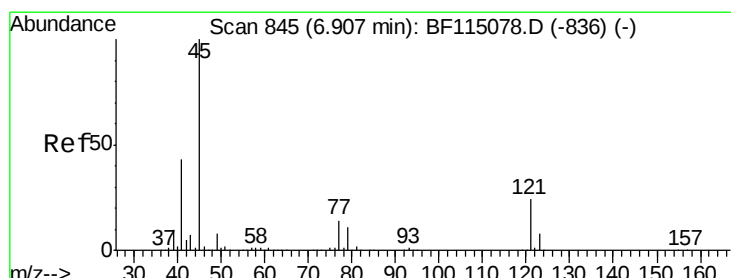
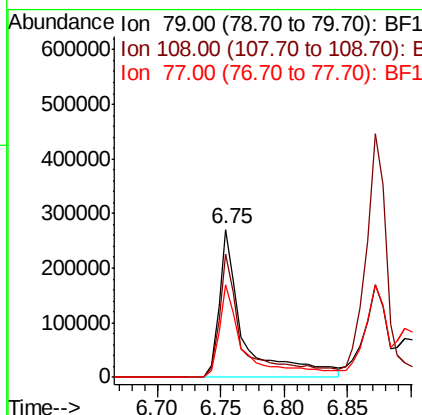
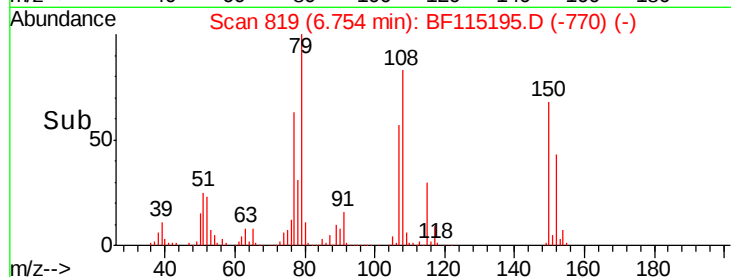
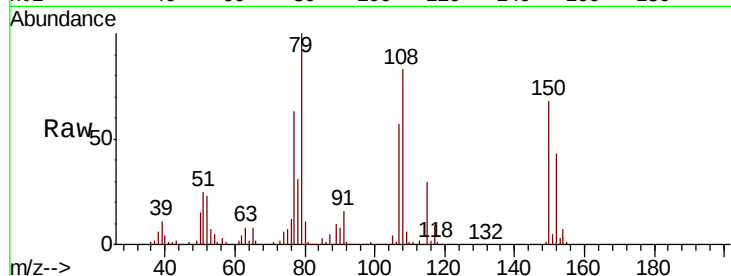
ClientSampleId :

SAMPLE-4MSD

Tot Ion:	79	Resp:	364943
Ion	Ratio	Lower	Upper
79	100		
108	83.3	68.7	103.1
77	62.7	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 24.869 ng

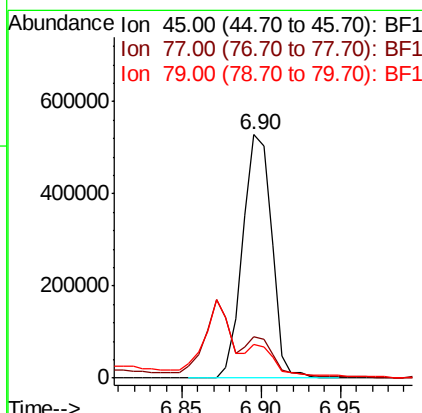
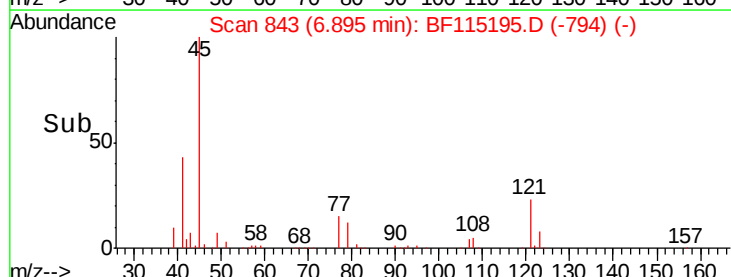
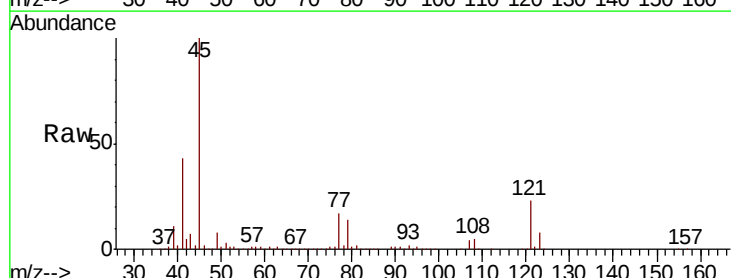
RT: 6.90 min Scan# 843

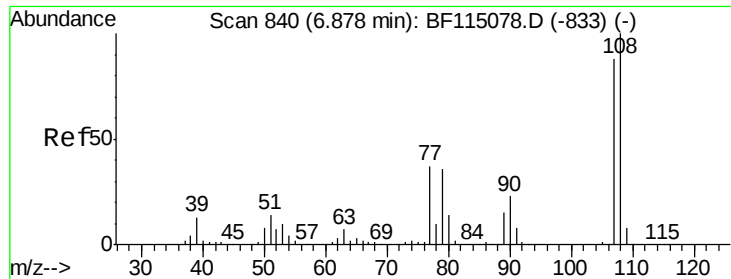
Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion:	45	Resp:	669719
Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	34.6
79	13.6	0.0	31.2





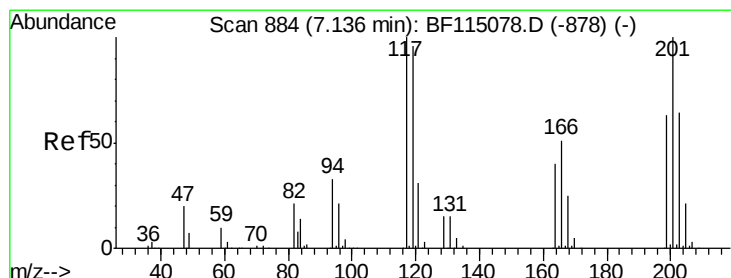
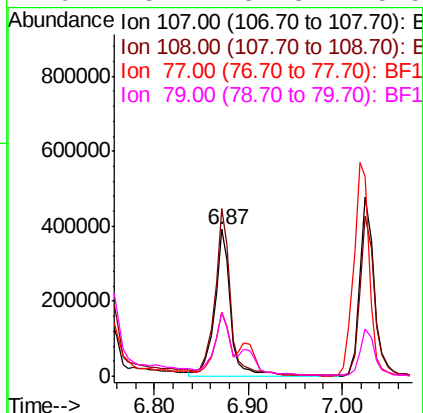
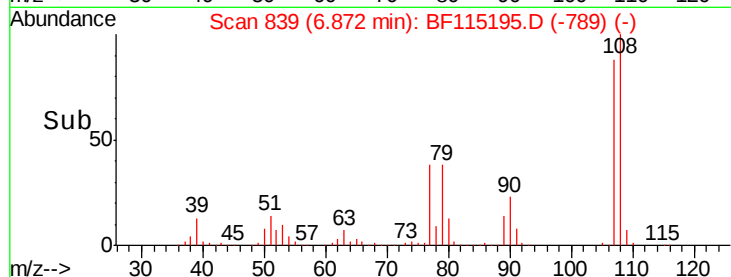
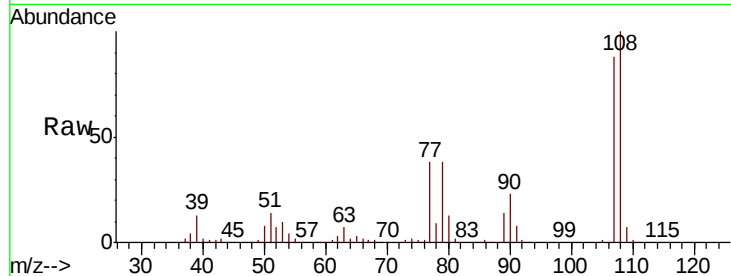
#17
2-Methylphenol
Concen: 28.297 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.9	136.3	
77	43.3	33.4	50.2	
79	43.4	32.3	48.5	

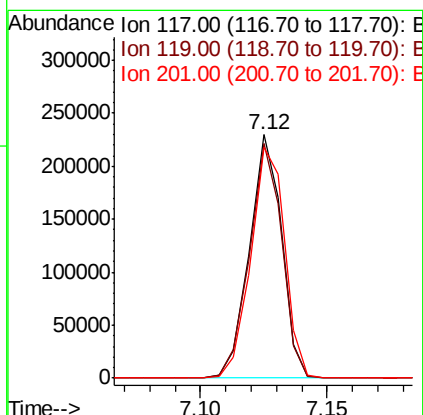
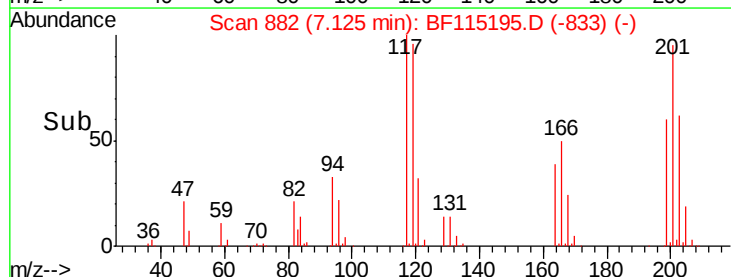
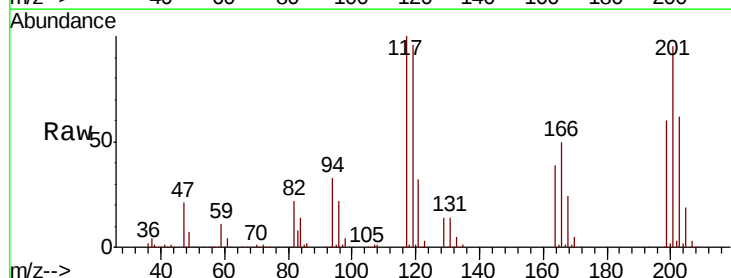
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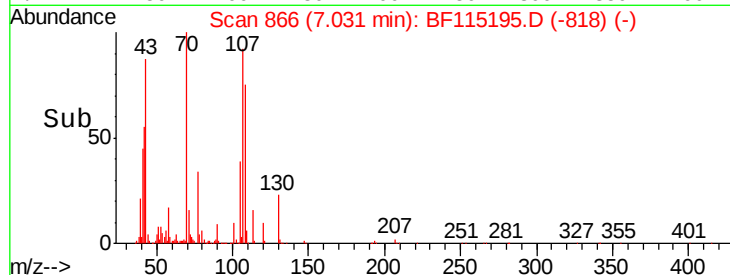
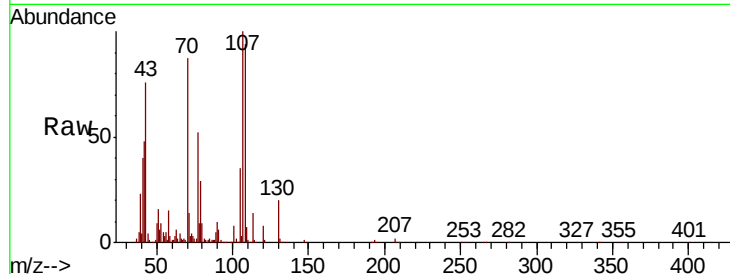
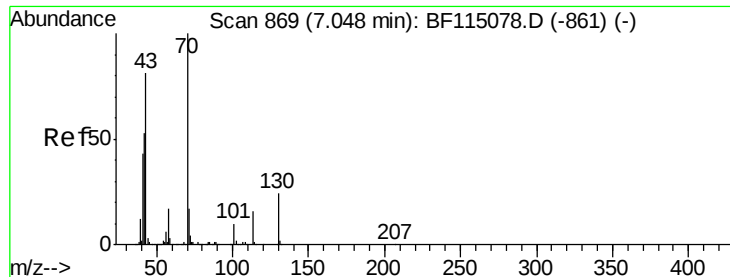
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#18
Hexachloroethane
Concen: 25.492 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.6	114.8	
201	94.6	80.2	120.2	





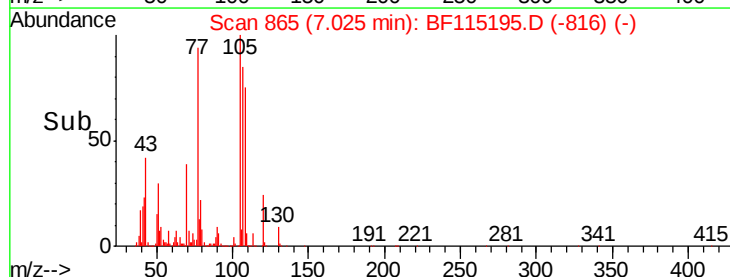
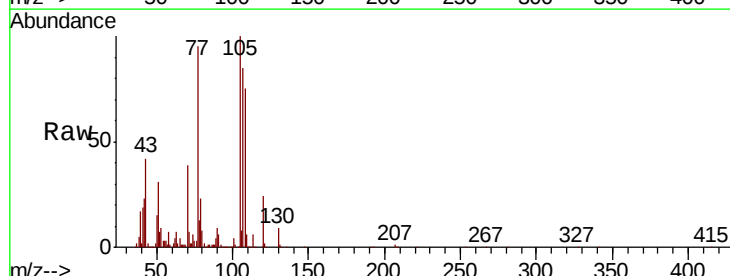
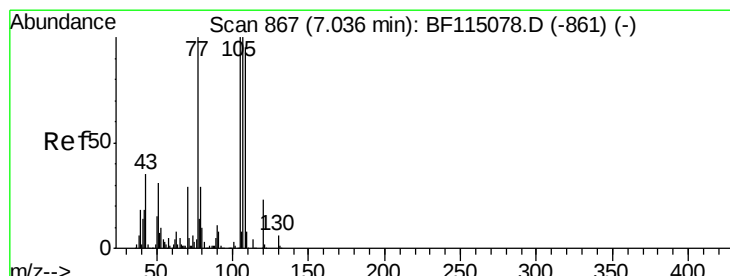
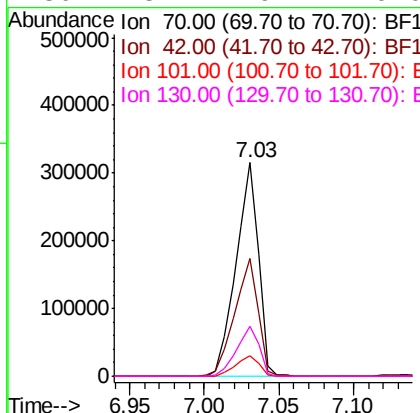
#19
n-Nitroso-di-n-propylamine
Concen: 24.048 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	42.6	63.8
101	9.7	8.0	12.0
130	23.4	19.4	29.0

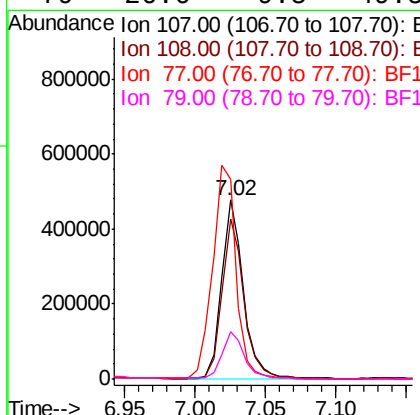
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#20
3+4-Methylphenols
Concen: 26.630 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	75.5	115.5
77	111.7	80.2	120.2
79	26.6	9.5	49.5





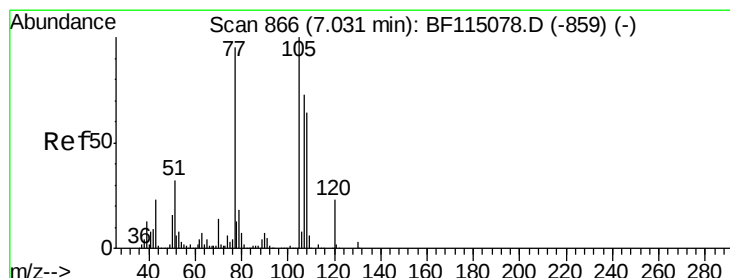
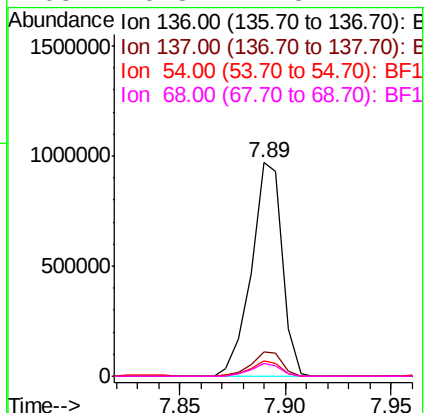
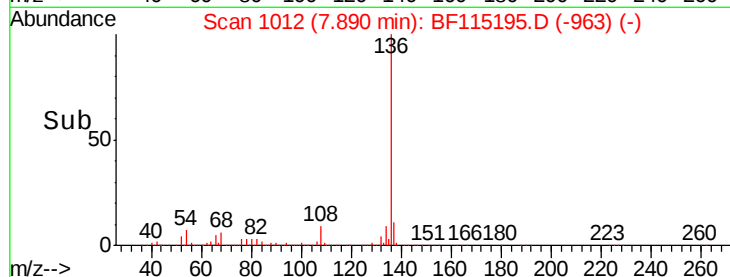
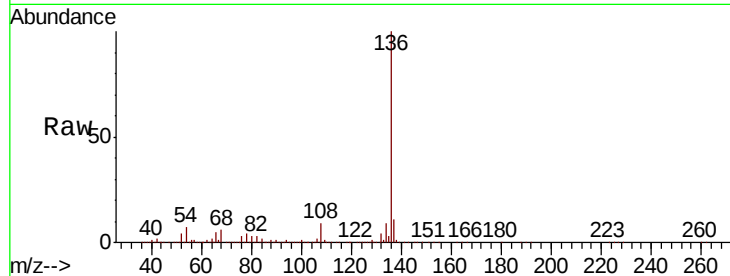
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	5.6	8.4
68	6.3	4.8	7.2

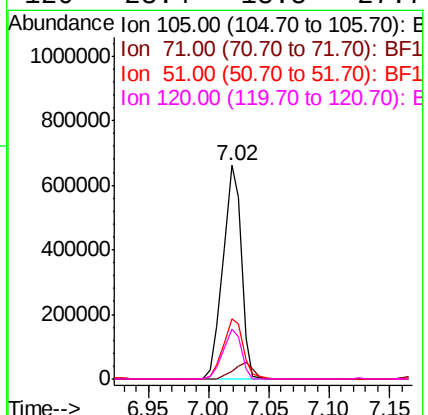
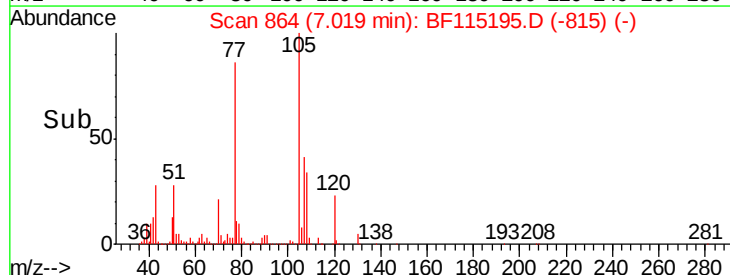
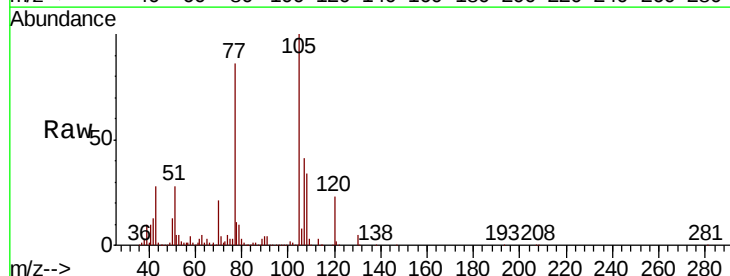
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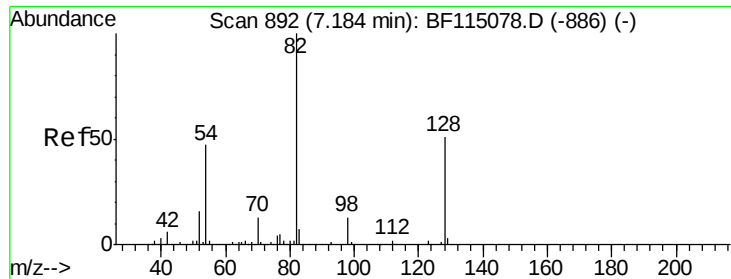
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#22
Acetophenone
Concen: 30.783 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.7	1.9	2.9#
51	28.3	25.8	38.8
120	23.4	18.5	27.7





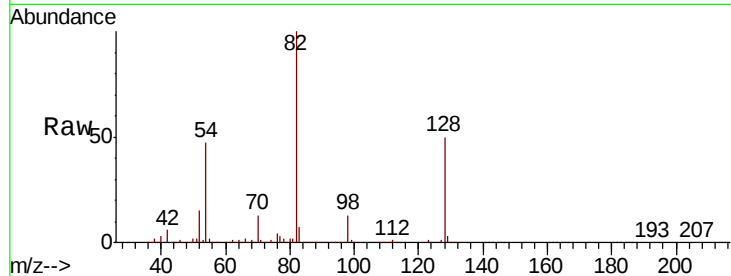
#23
Nitrobenzene-d5
Concen: 68.308 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampled :
SAMPLE-4MSD

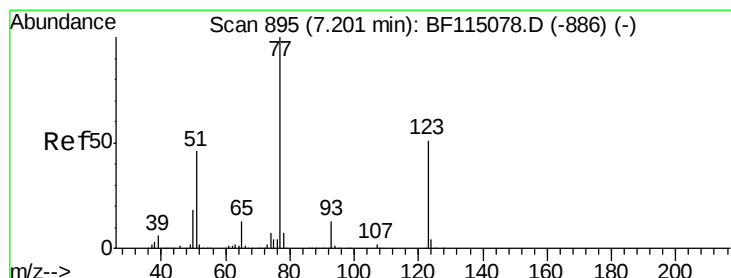
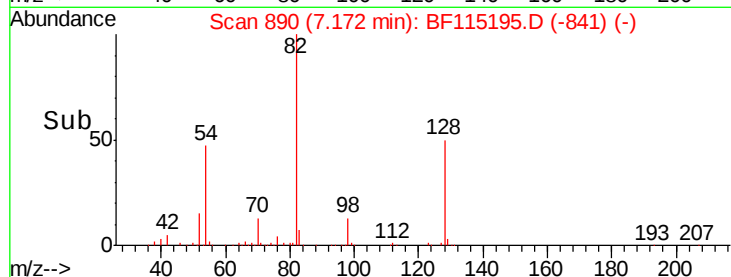
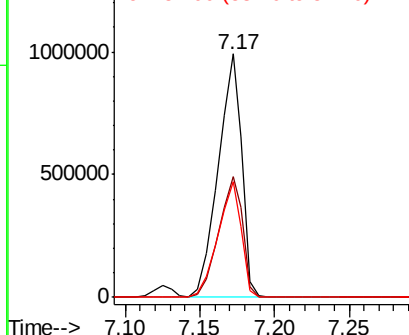
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.4	60.6
54	47.3	37.5	56.3

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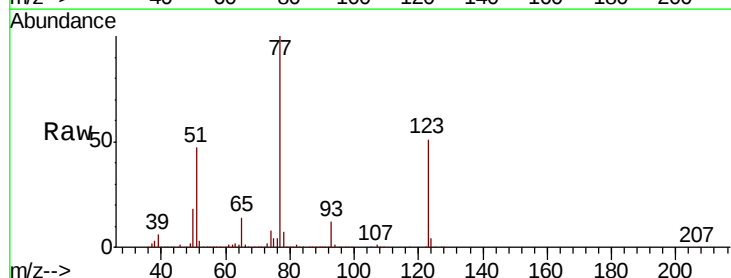


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

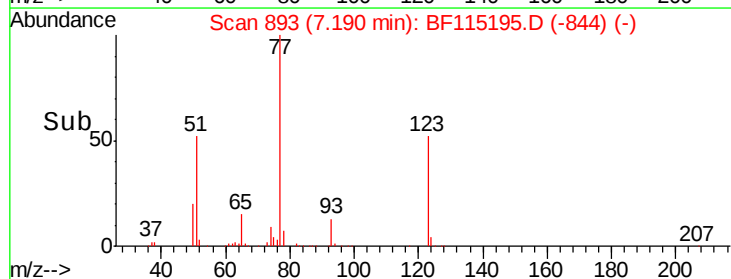
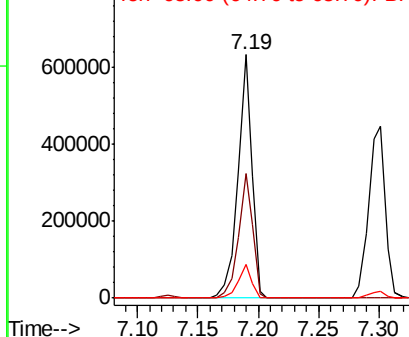


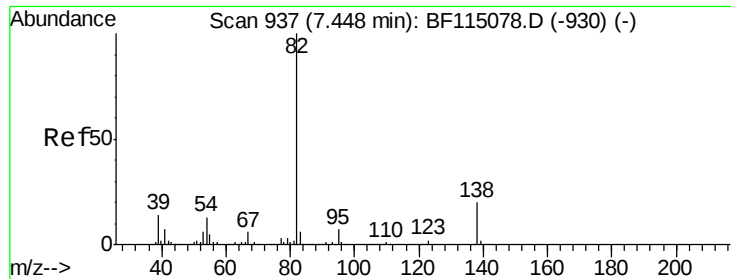
#24
Nitrobenzene
Concen: 29.042 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	41.0	61.6
65	13.6	10.5	15.7



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





#25

Isophorone

Concen: 27.047 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

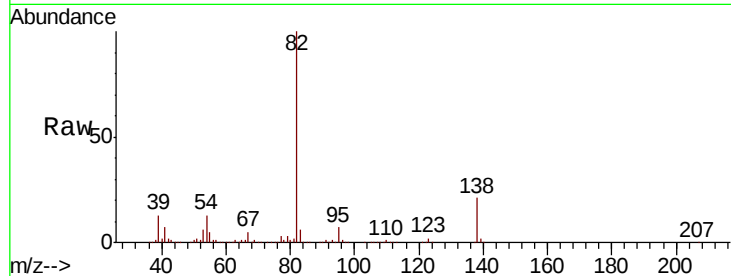
ClientSampleId :

SAMPLE-4MSD

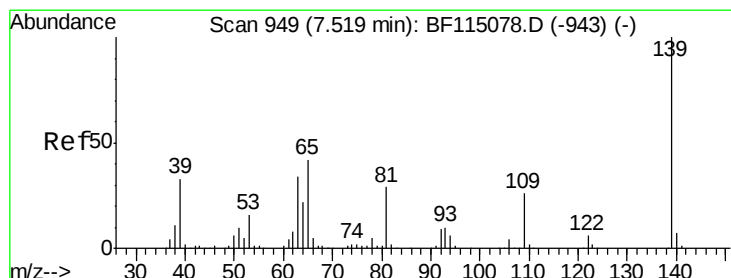
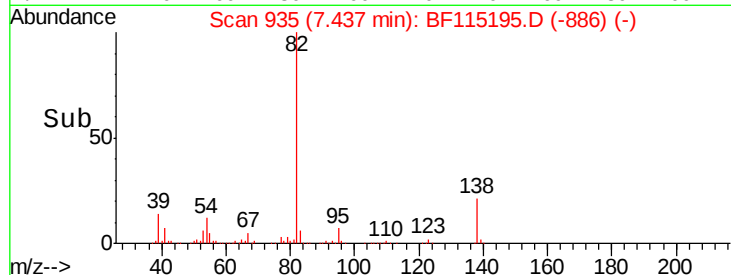
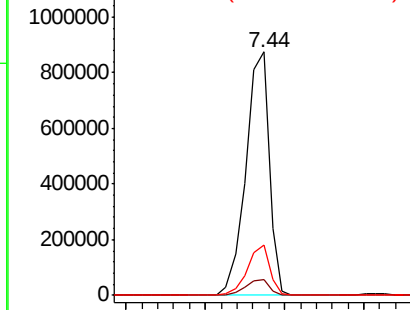
Tot Ion:	82	Resp:	890205
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.2
138	20.5	15.9	23.9

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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): BF1



#26

2-Nitrophenol

Concen: 31.415 ng

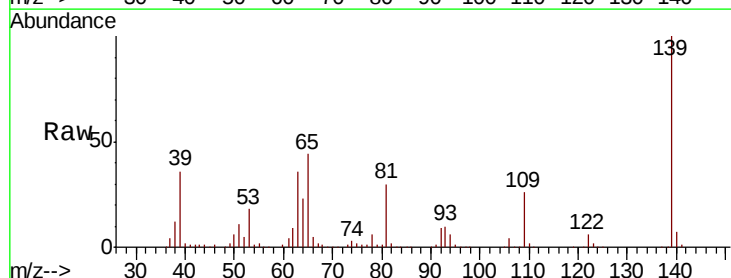
RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

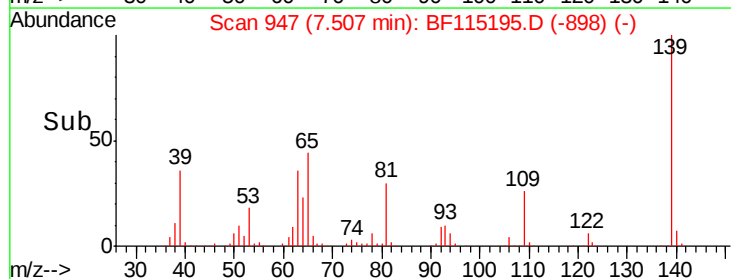
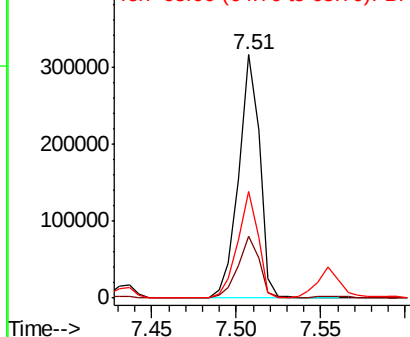
Lab File: BF115195.D

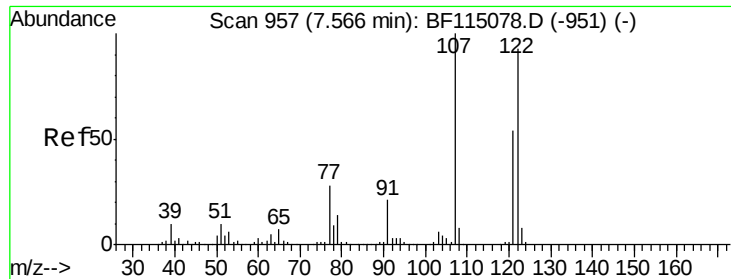
Acq: 25 Jun 2019 18:50

Tgt Ion:	139	Resp:	274606
Ion Ratio		Lower	Upper
139	100		
109	25.6	20.4	30.6
65	43.9	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





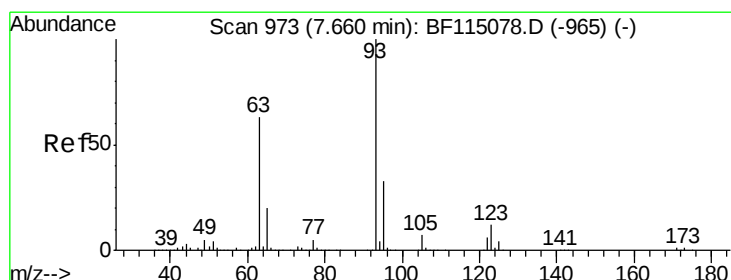
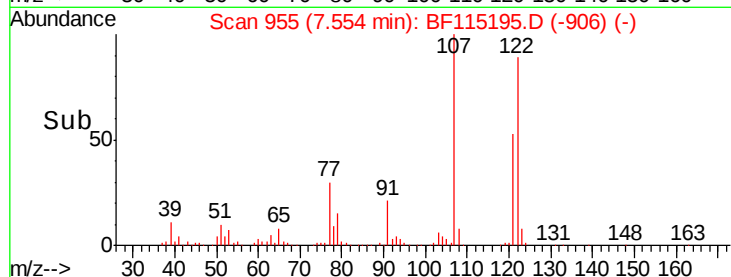
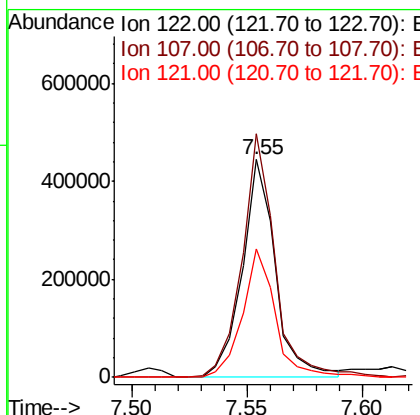
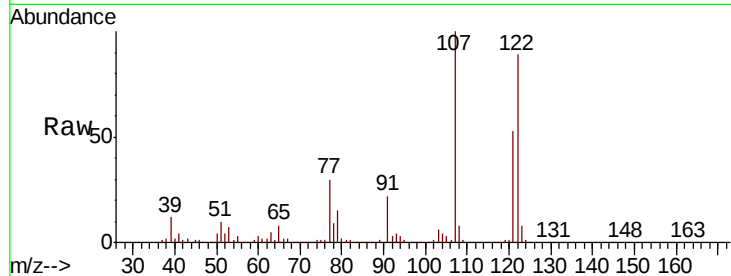
#27
2,4-Dimethylphenol
Concen: 31.203 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	85.8	128.6
121	58.8	46.3	69.5

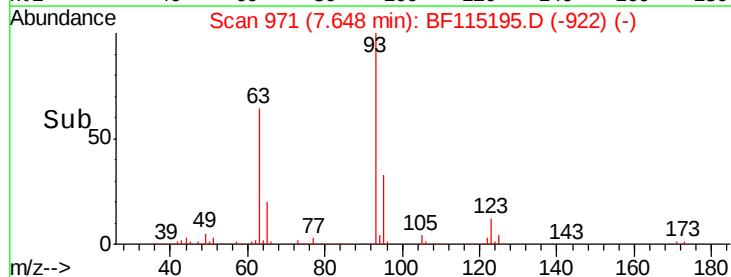
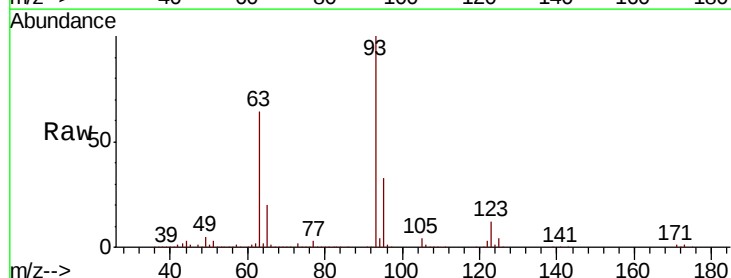
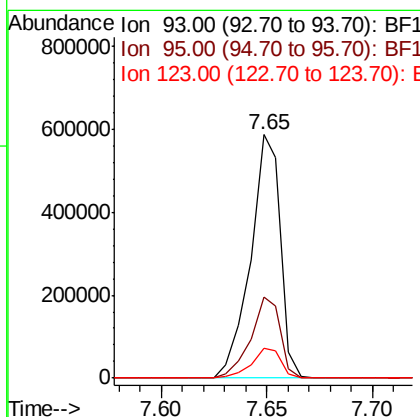
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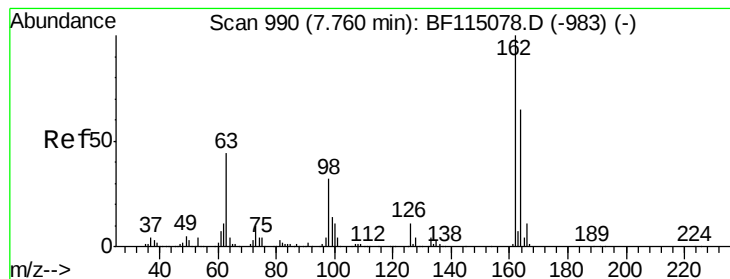
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 27.712 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.1	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 27.378 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

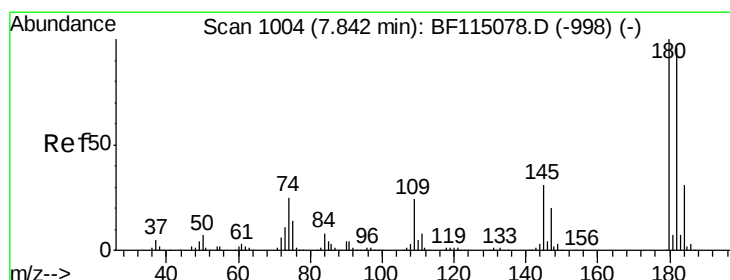
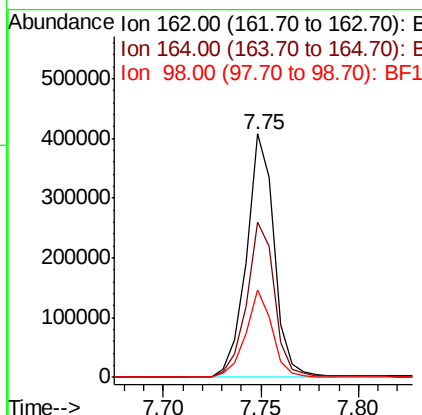
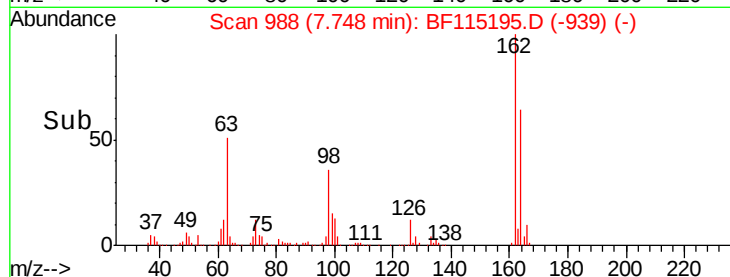
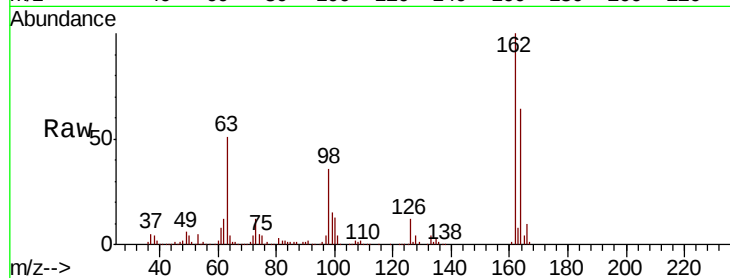
ClientSampleId :

SAMPLE-4MSD

Tot Ion:	162	Resp:	404367
Ion Ratio	Lower	Upper	
162	100		
164	63.7	45.3	85.3
98	35.7	12.5	52.5

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#30

1,2,4-Trichlorobenzene

Concen: 29.355 ng

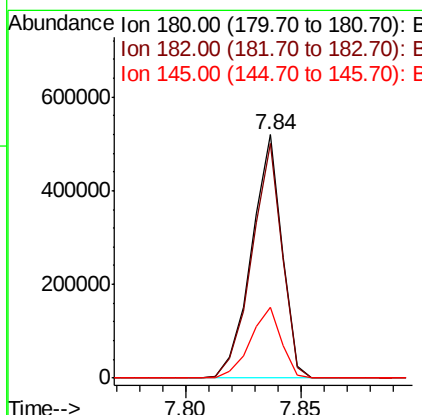
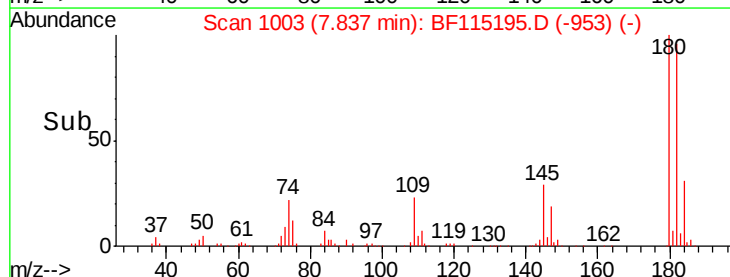
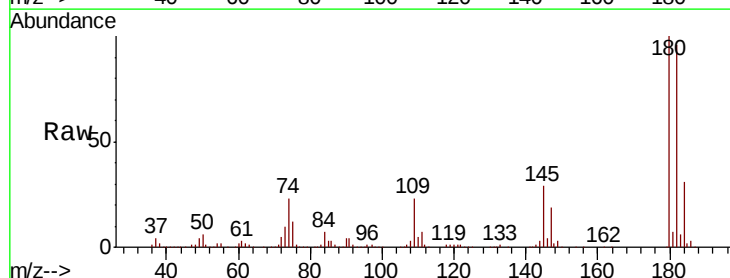
RT: 7.84 min Scan# 1003

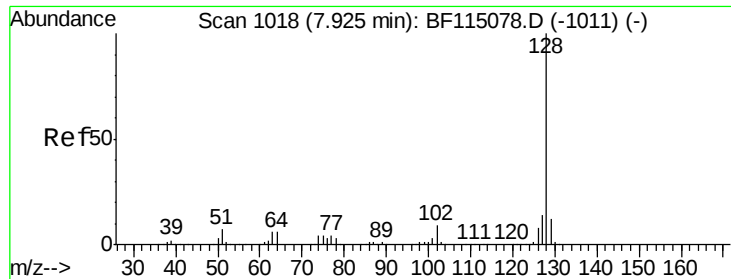
Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion:	180	Resp:	478918
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.4	114.6
145	29.3	24.8	37.2





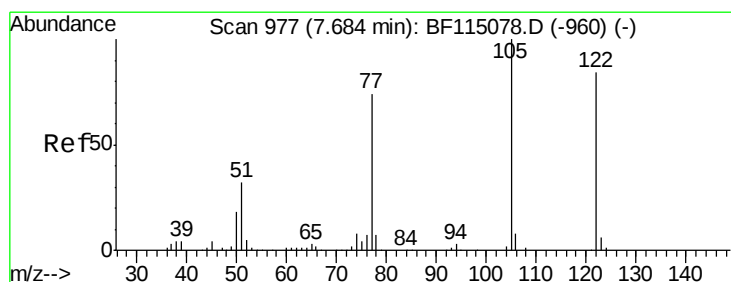
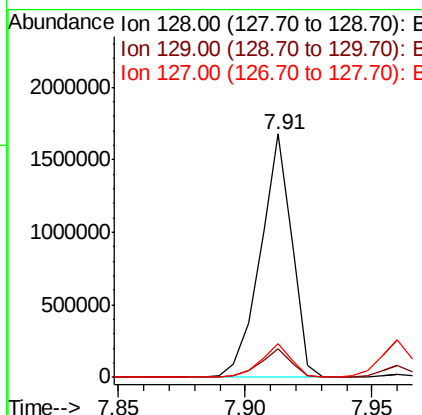
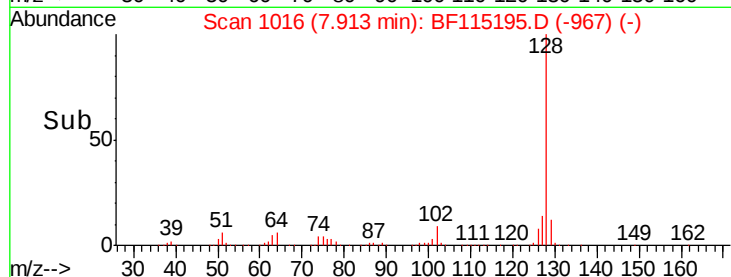
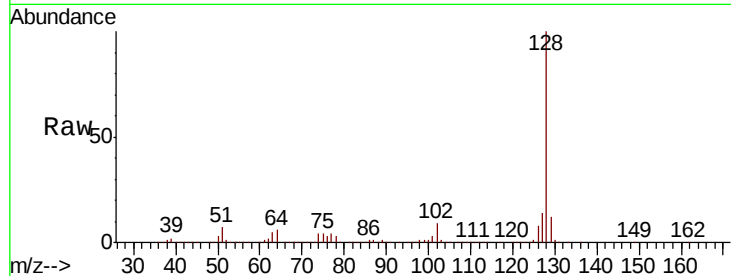
#31
Naphthalene
Concen: 30.024 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:128 Resp: 1456641
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.7 11.4 17.0

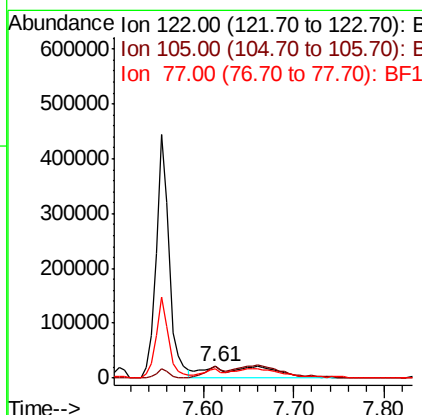
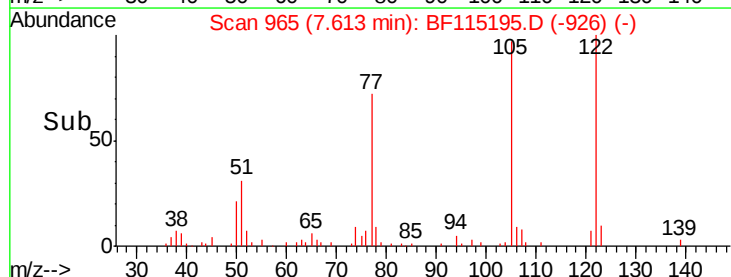
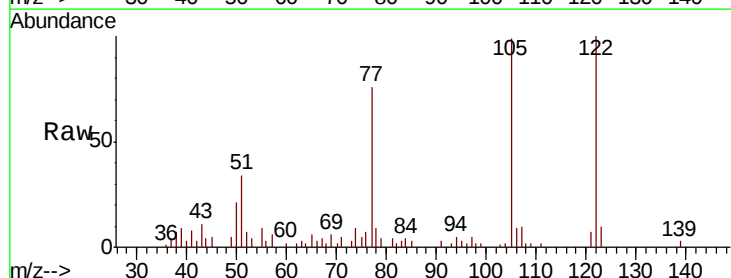
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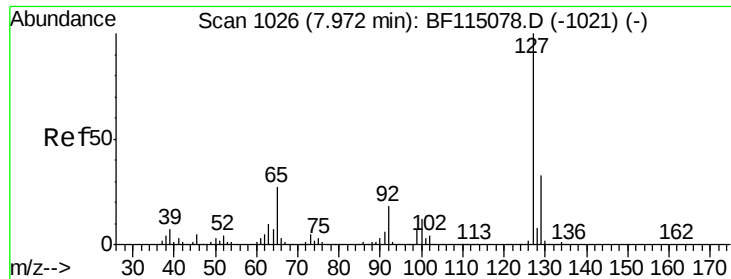
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#32
Benzoic acid
Concen: 11.285 ng m
RT: 7.61 min Scan# 965
Delta R.T. -0.07 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:122 Resp: 115293
Ion Ratio Lower Upper
122 100
105 98.7 98.2 138.2
77 76.1 67.0 107.0





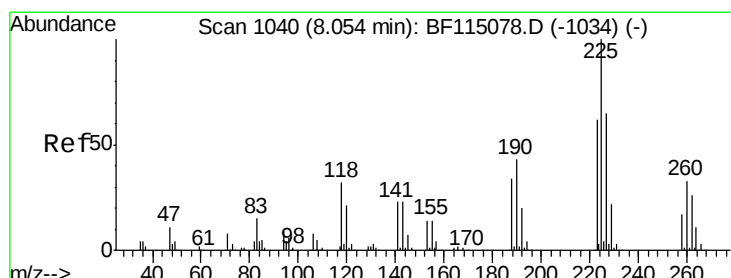
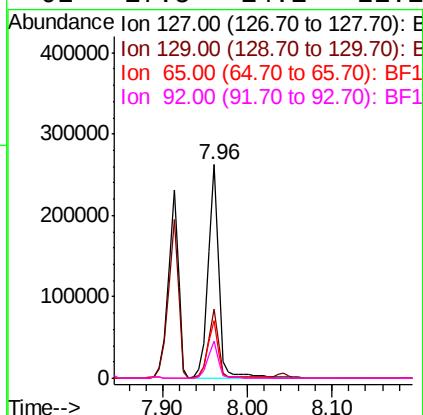
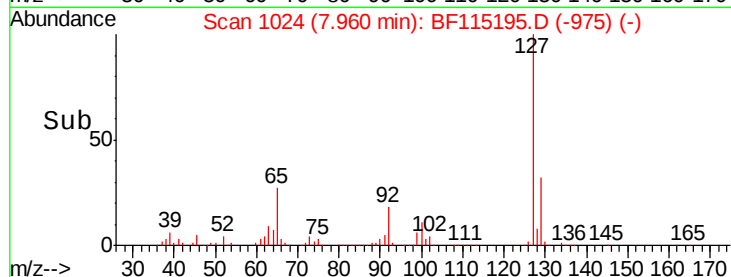
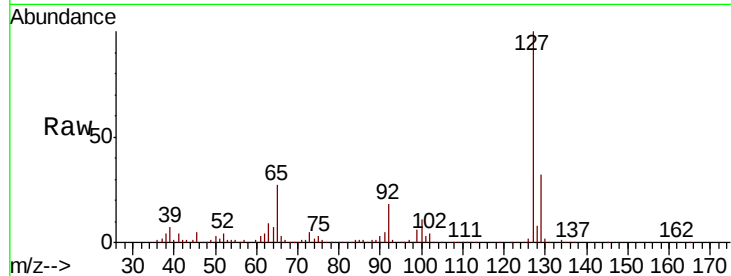
#33
4-Chloroaniline
Concen: 10.517 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.1	39.1		
65	27.0	21.4	32.2		
92	17.5	14.1	21.1		

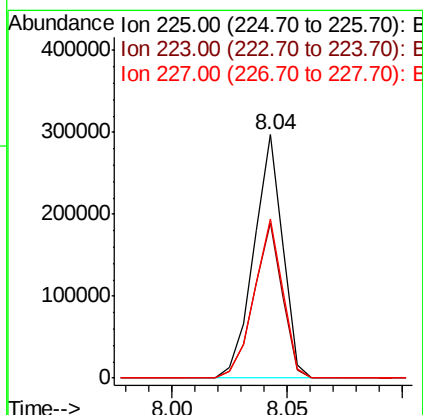
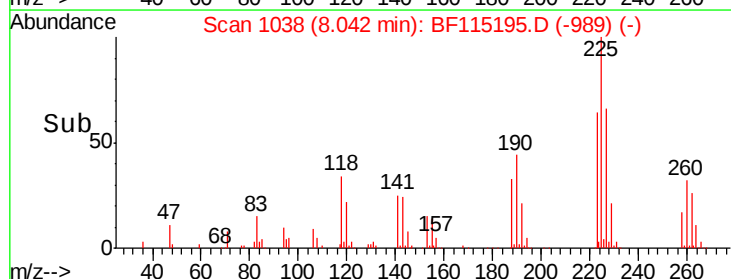
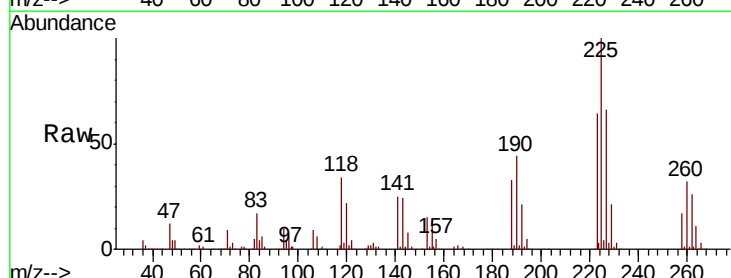
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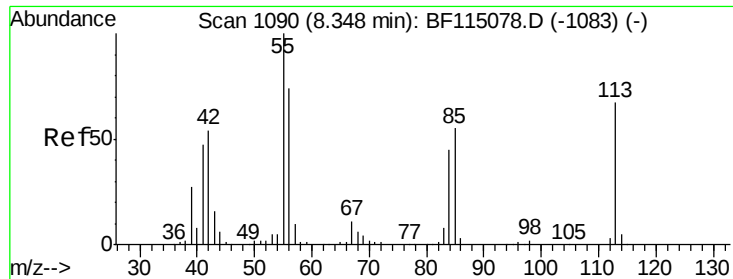
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#34
Hexachlorobutadiene
Concen: 28.957 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	49.4	74.2		
227	65.6	51.8	77.8		





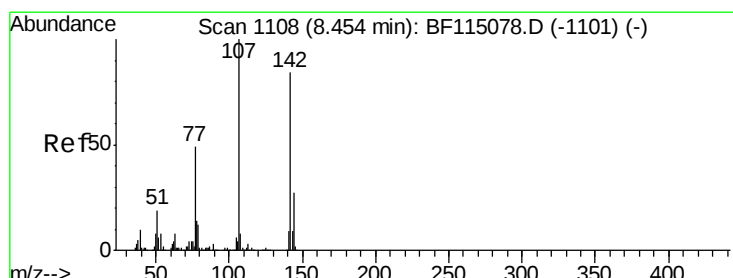
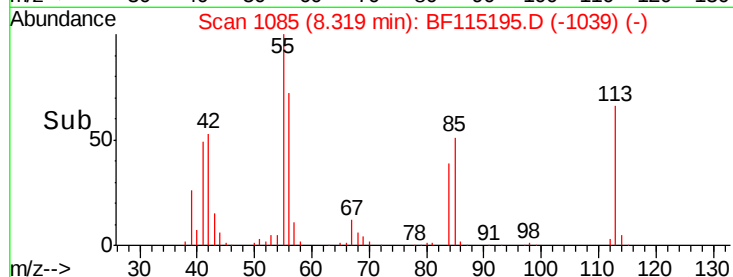
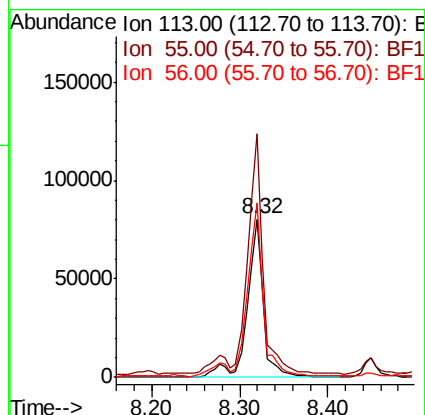
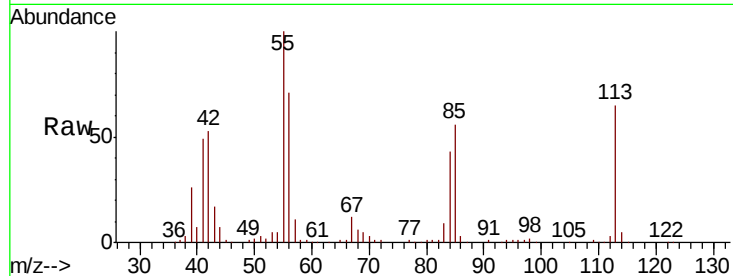
#35
Caprolactam
Concen: 20.549 ng/ml
RT: 8.32 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	153.6	130.2	170.2	
56	109.8	91.6	131.6	

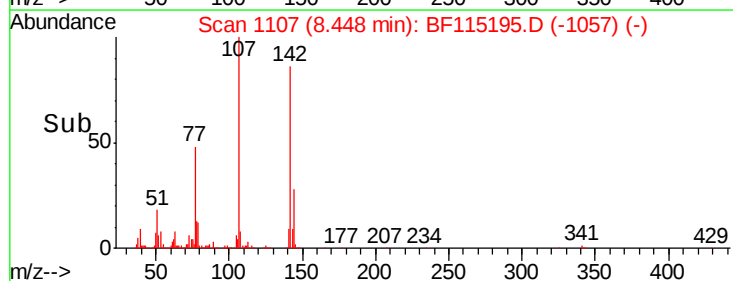
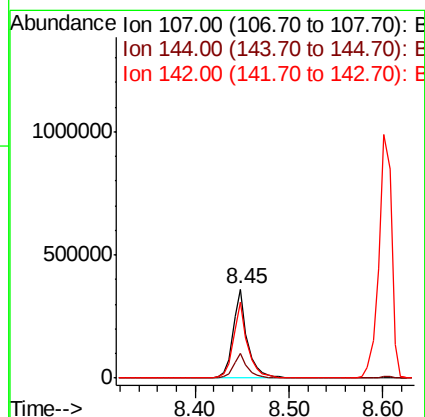
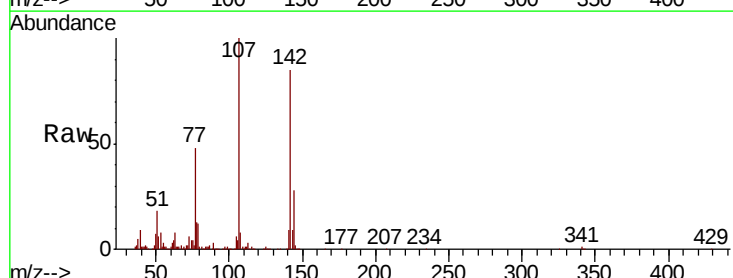
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#36
4-Chloro-3-methylphenol
Concen: 25.494 ng/ml
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.3	21.7	32.5	
142	85.5	67.0	100.4	





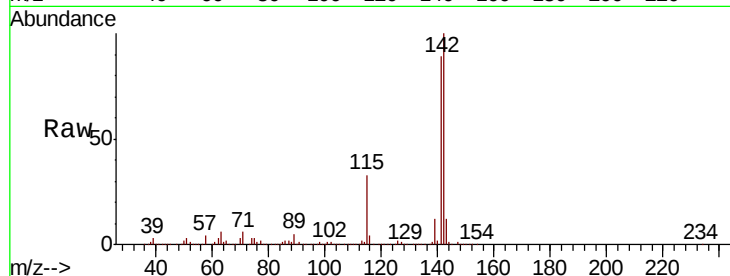
#37
2-Methylnaphthalene
Concen: 28.531 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	33.3	26.7	40.1

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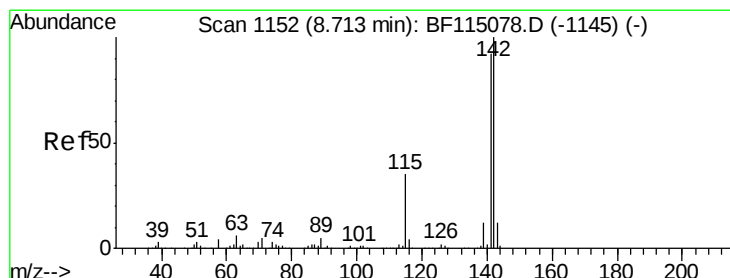
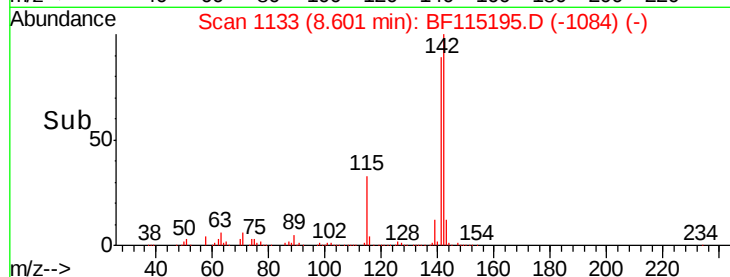
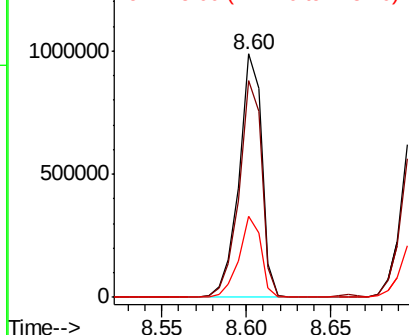


Abundance

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: 27.915 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

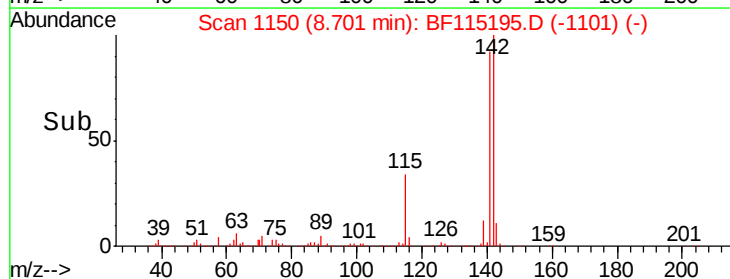
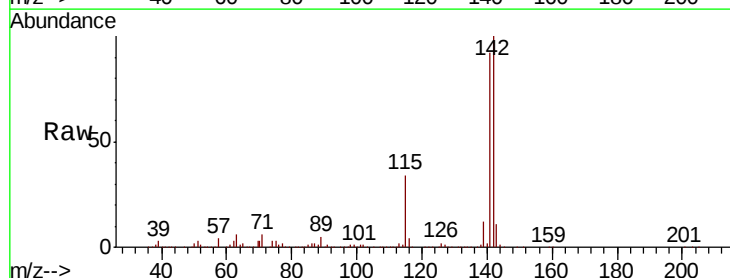
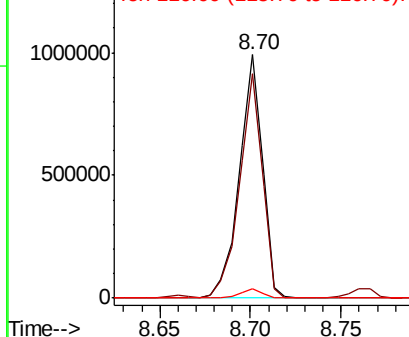
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.6	2.8	4.2

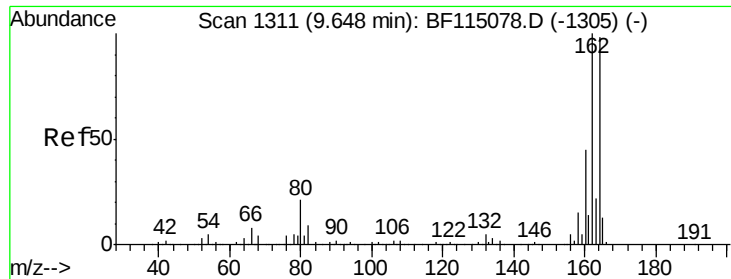
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





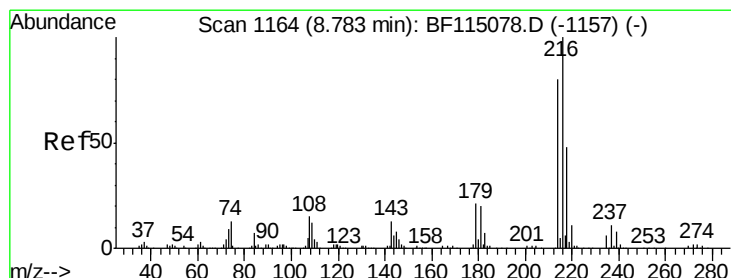
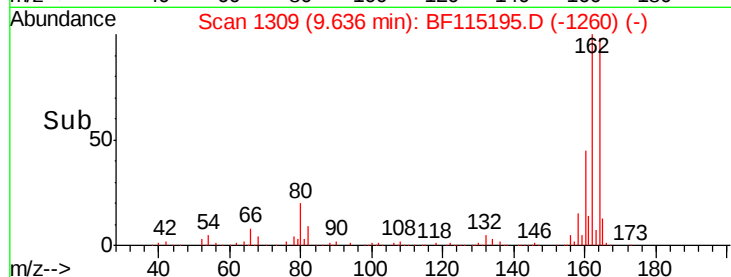
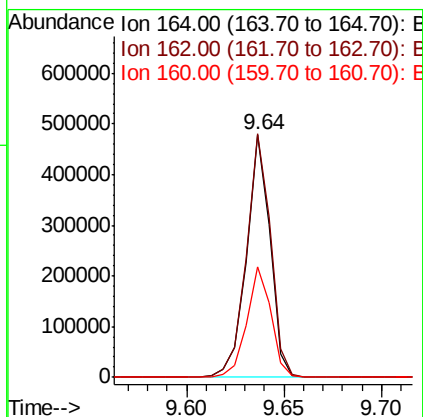
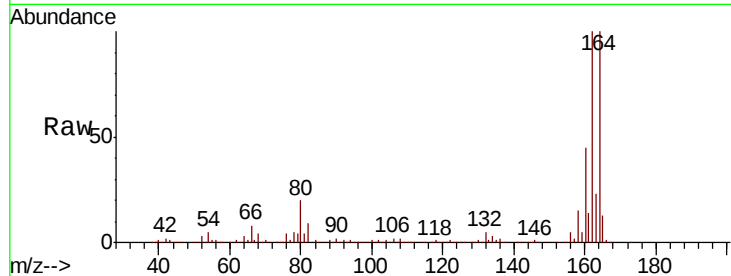
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.7	122.5
160	45.3	37.0	55.4

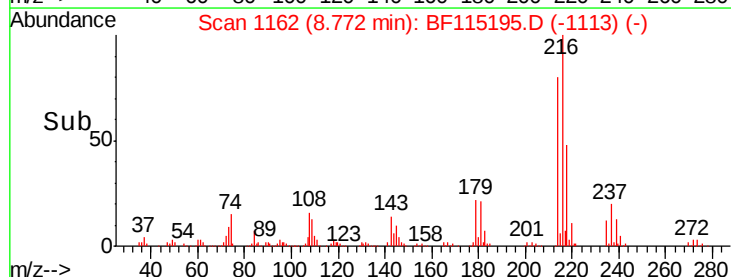
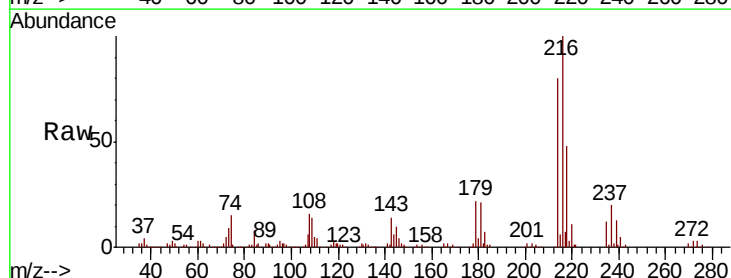
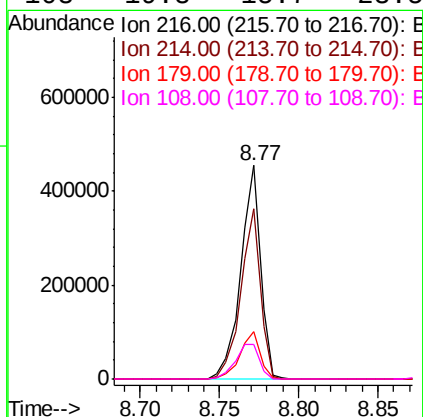
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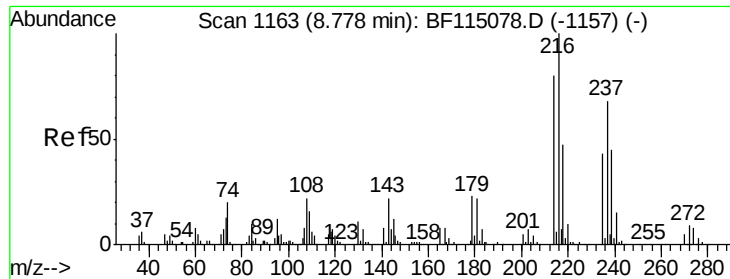
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.907 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.2	17.6	26.4
108	19.8	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 46.493 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

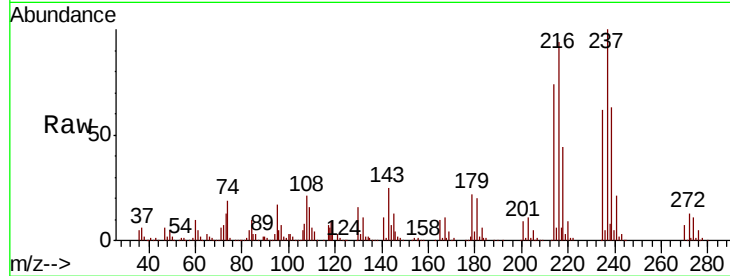
ClientSampleId :

SAMPLE-4MSD

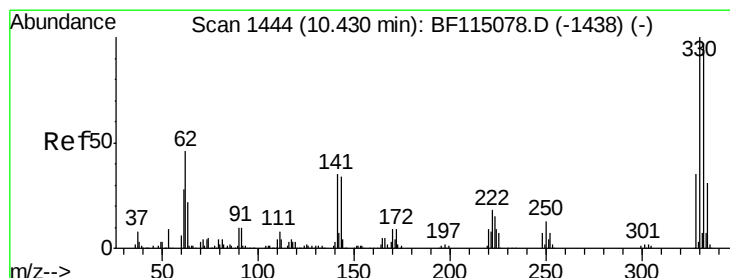
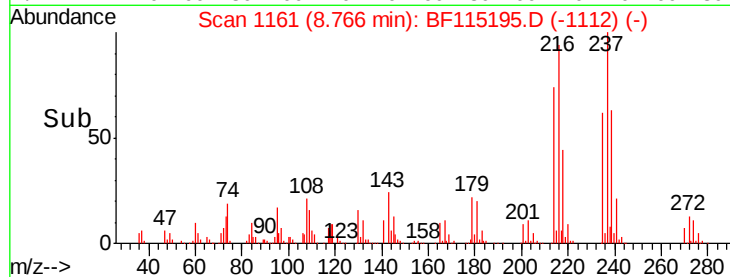
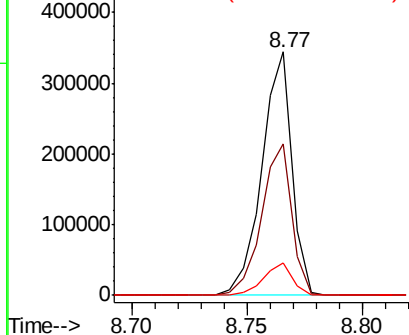
Tot Ion:	237	Resp:	311766
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.9	83.9
272	13.3	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 81.659 ng

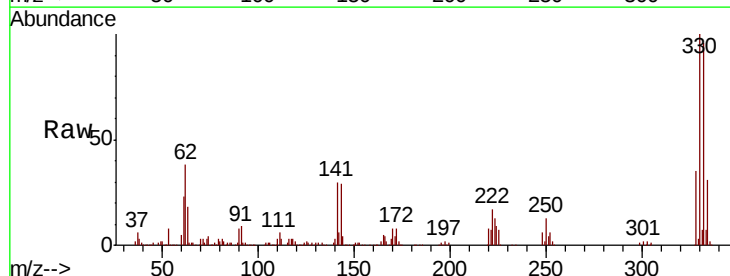
RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

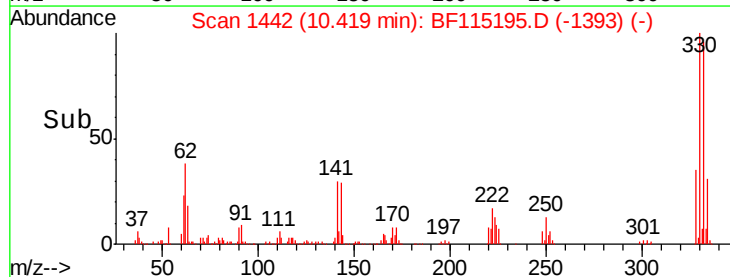
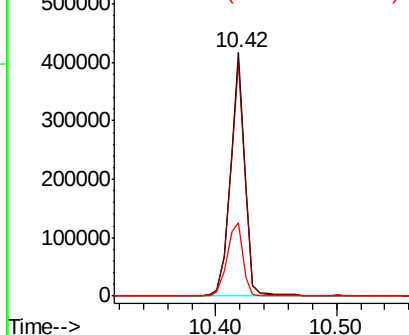
Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion:	330	Resp:	344610
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	33.8	28.2	42.2



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





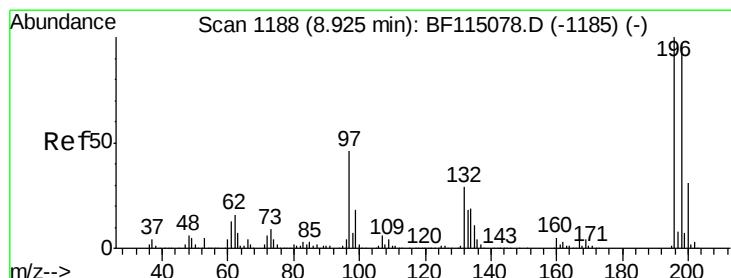
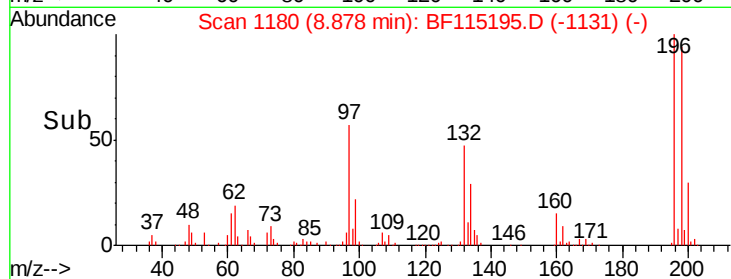
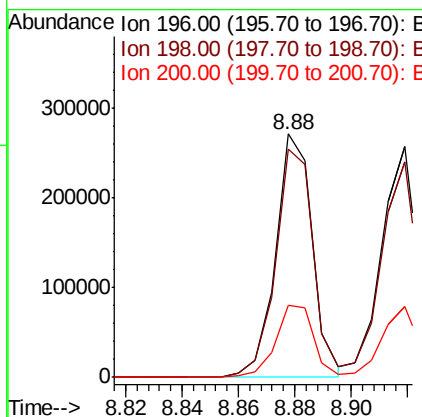
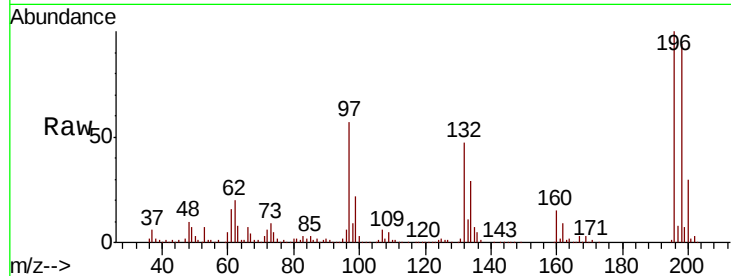
#43
 2,4,6-Trichlorophenol
 Concen: 28.049 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244883		
198	93.9	76.3	114.5	
200	29.8	24.2	36.4	

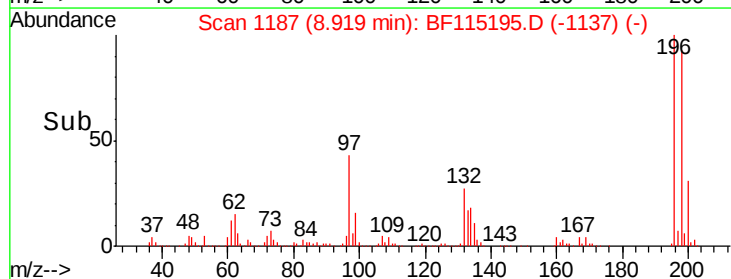
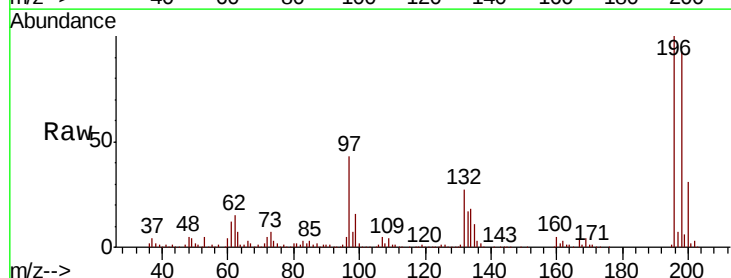
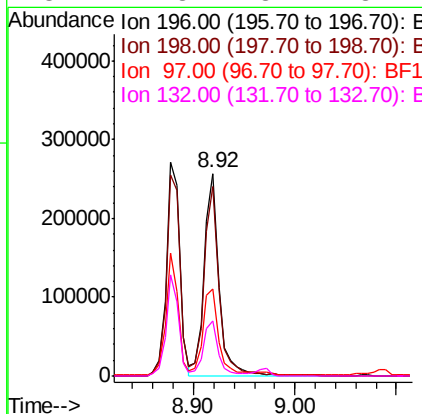
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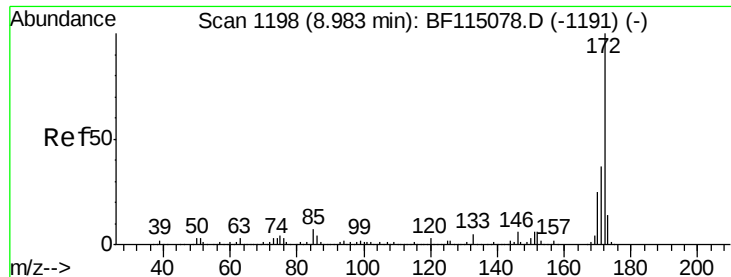
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#44
 2,4,5-Trichlorophenol
 Concen: 29.098 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261618		
198	93.2	77.1	115.7	
97	43.3	37.7	56.5	
132	27.3	23.1	34.7	





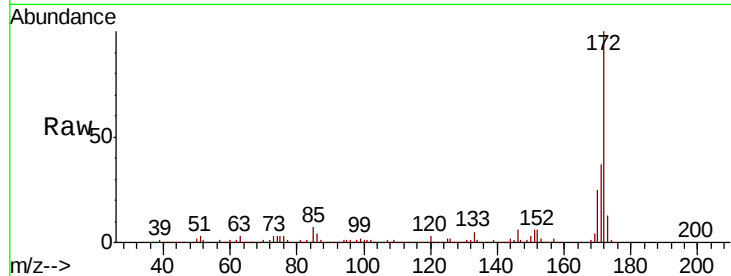
#45
2-Fluorobiphenyl
Concen: 74.250 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.1	20.3	30.5

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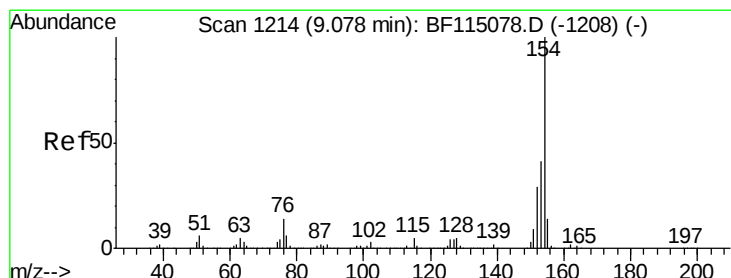
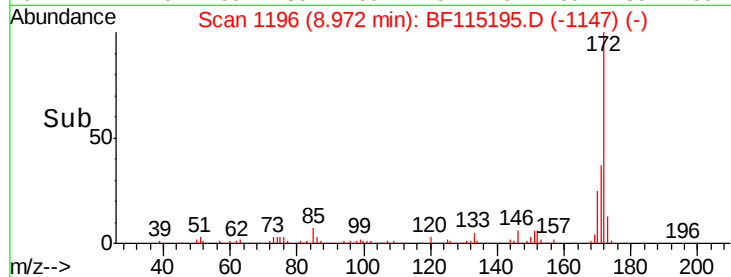
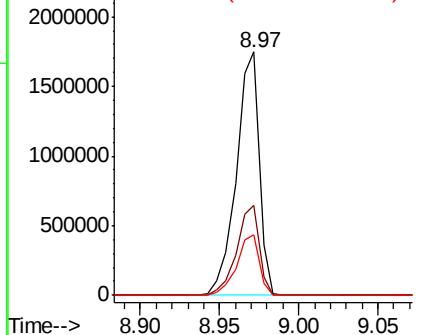


Abundance

Ion 172.00 (171.70 to 172.70): E

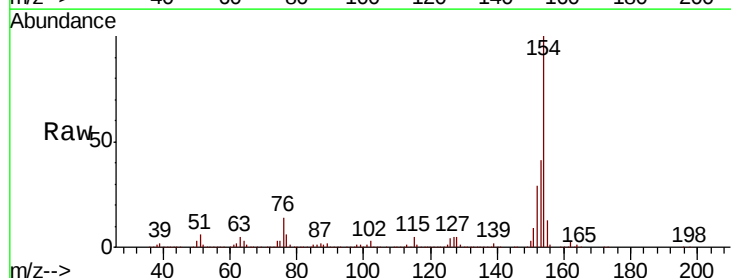
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 33.032 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	13.5	0.0	34.1

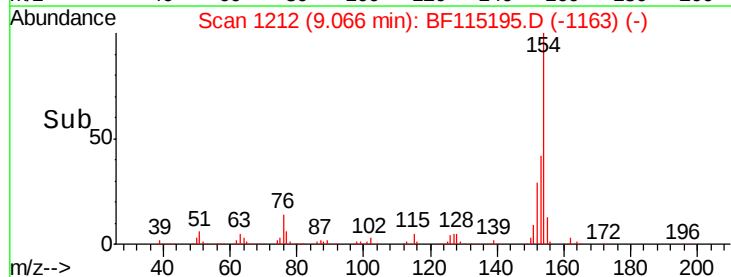
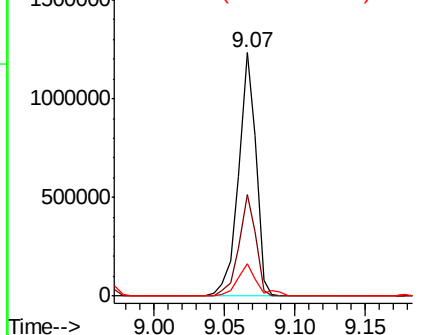


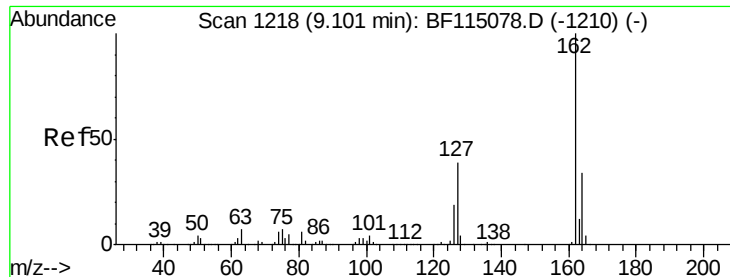
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





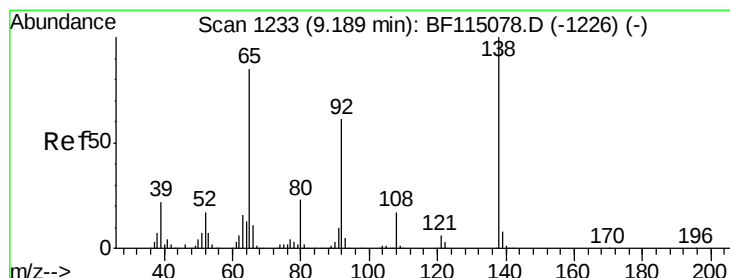
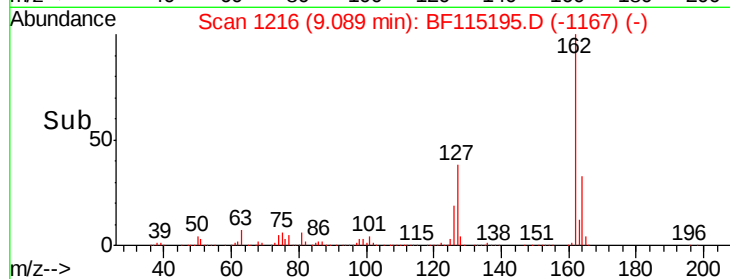
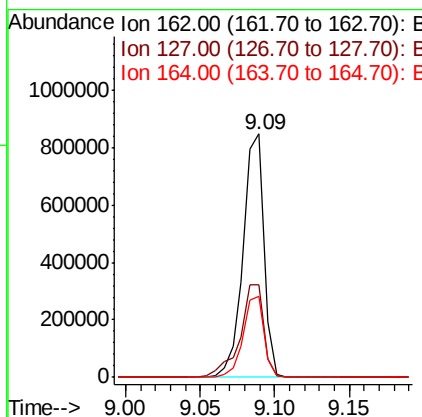
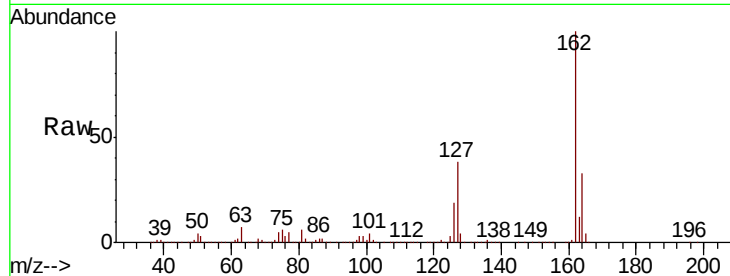
#47
2-Chloronaphthalene
Concen: 31.718 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.8	46.2
164	33.3	27.0	40.4

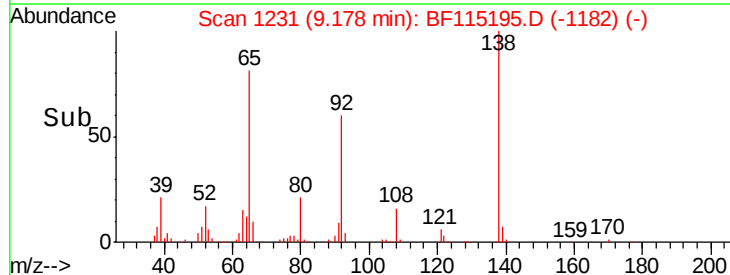
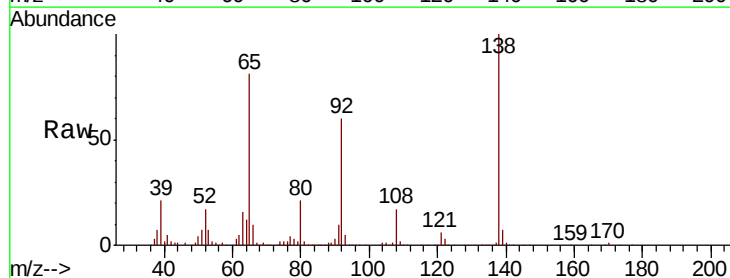
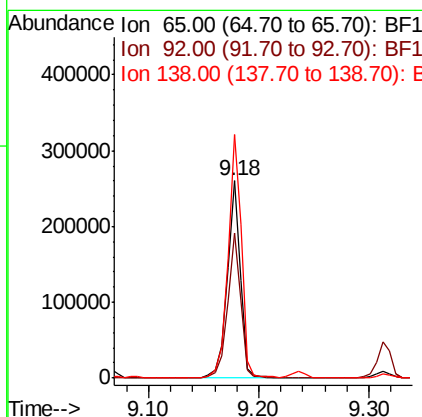
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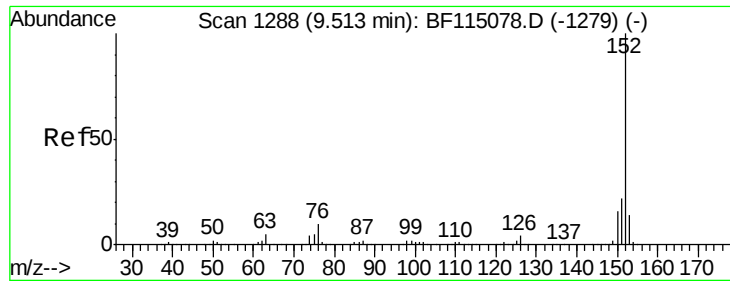
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#48
2-Nitroaniline
Concen: 28.858 ng
RT: 9.18 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.4	86.2
138	123.6	94.1	141.1





#49

Acenaphthylene

Concen: 30.654 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion:152 Resp: 1240516

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

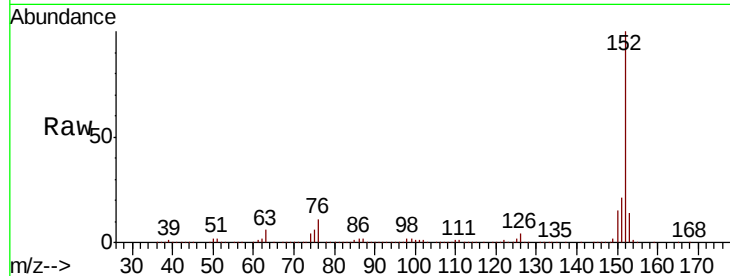
153 14.0 11.0 16.6

Manual Integrations

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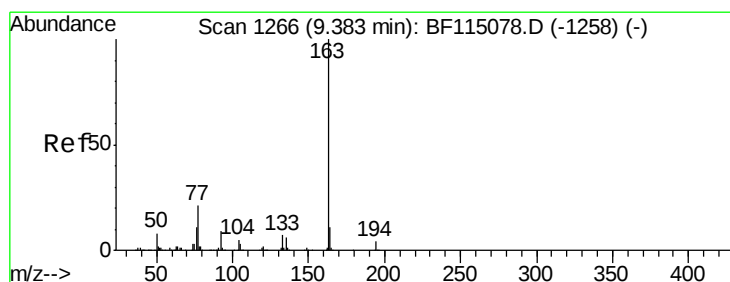
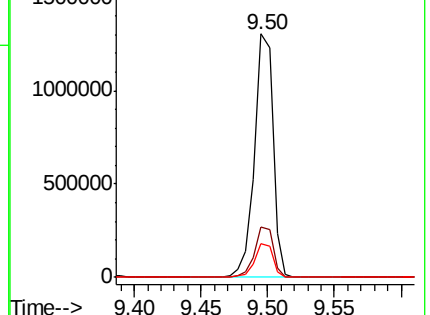
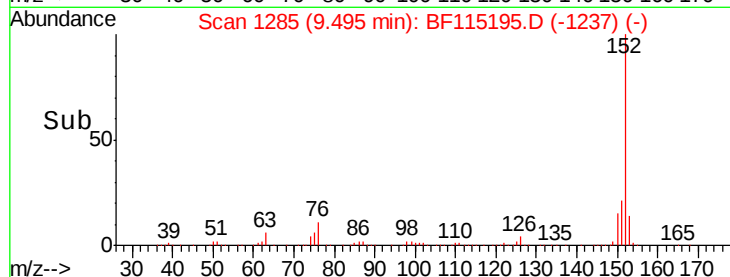
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.497 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

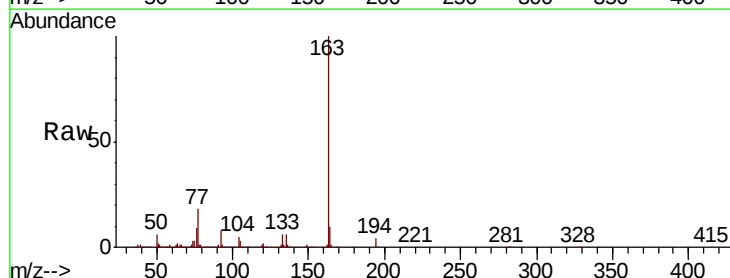
Tgt Ion:163 Resp: 1280671

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

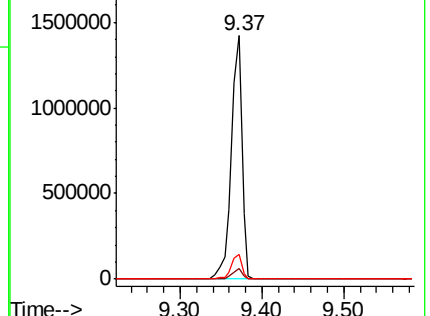
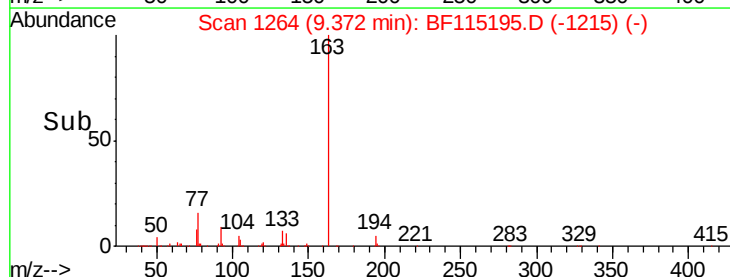
164 10.3 8.6 13.0

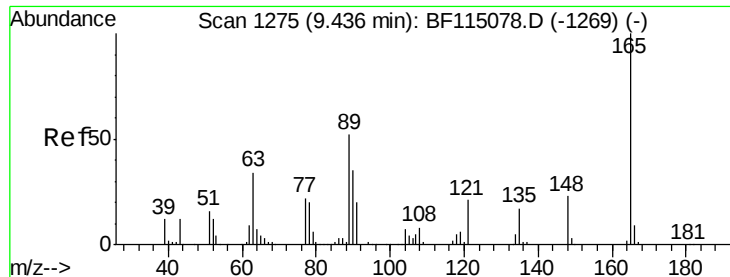


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 28.749 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

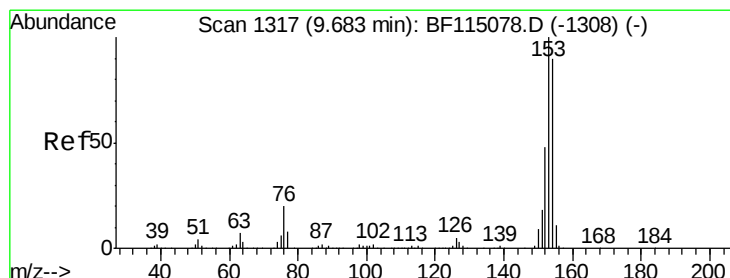
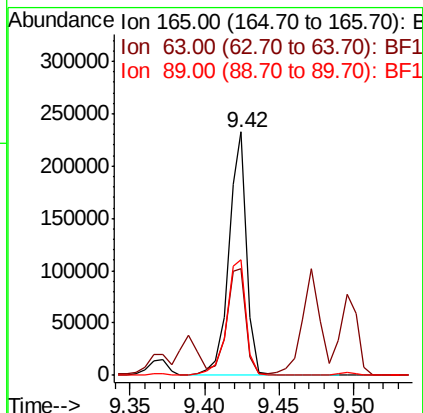
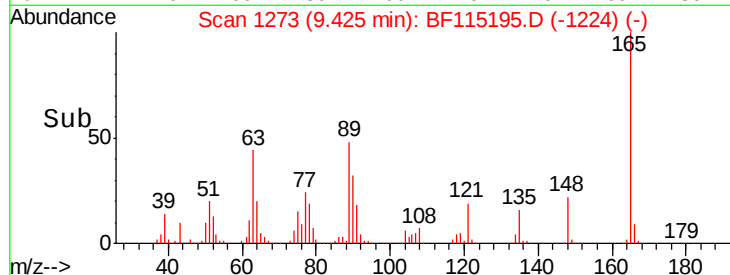
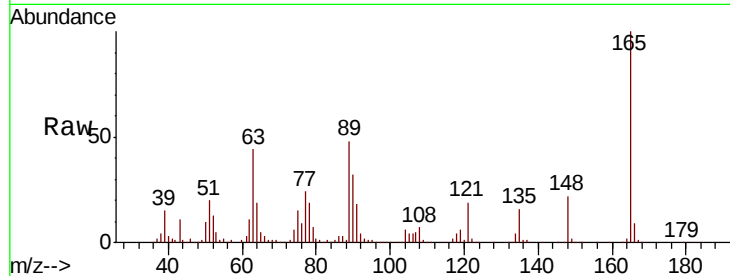
ClientSampleId :

SAMPLE-4MSD

Tot Ion:	165	Resp:	195418
Ion Ratio	Lower	Upper	
165	100		
63	43.8	39.4	59.2
89	47.7	42.0	63.0

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#52

Acenaphthene

Concen: 30.463 ng

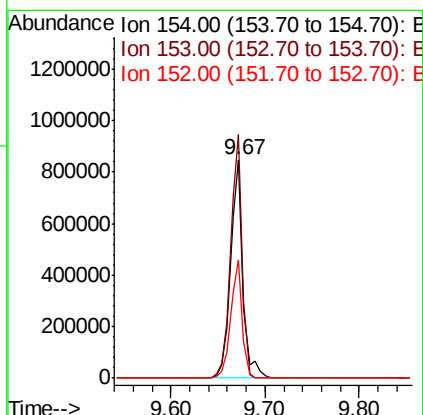
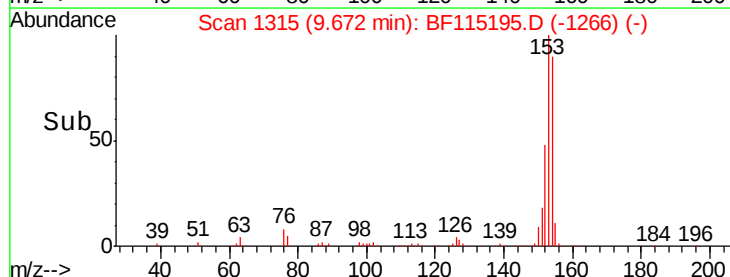
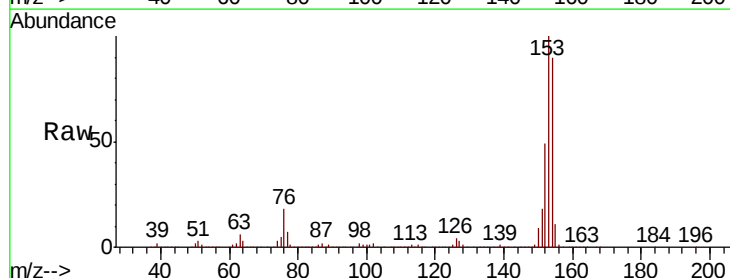
RT: 9.67 min Scan# 1315

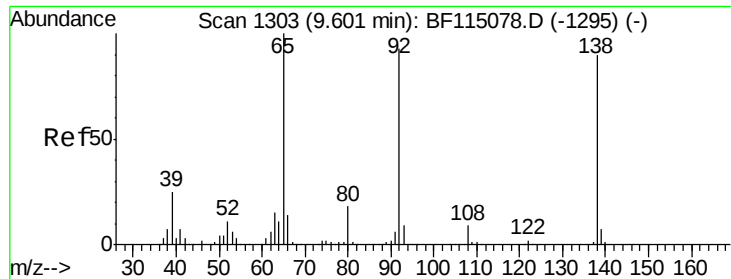
Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion:	154	Resp:	771421
Ion Ratio	Lower	Upper	
154	100		
153	111.6	88.7	133.1
152	54.4	42.6	64.0





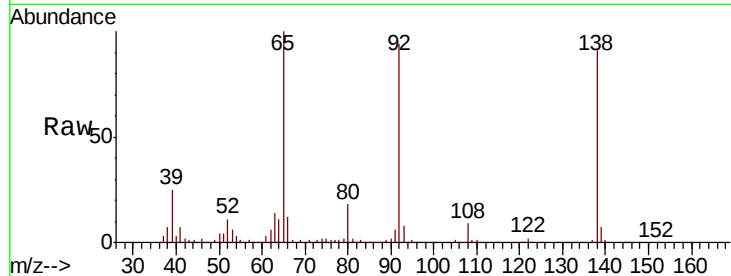
#53
3-Nitroaniline
Concen: 17.216 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	102.5	82.9	124.3

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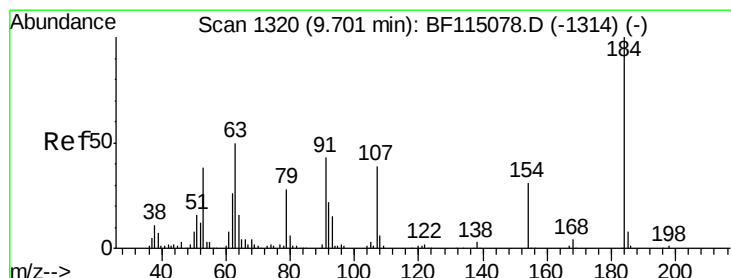
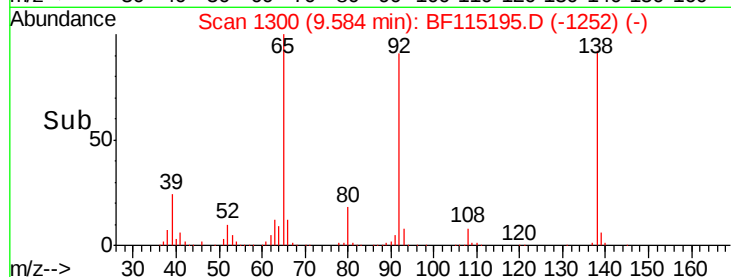
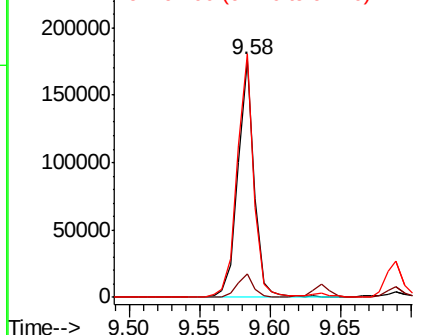


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 31.612 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

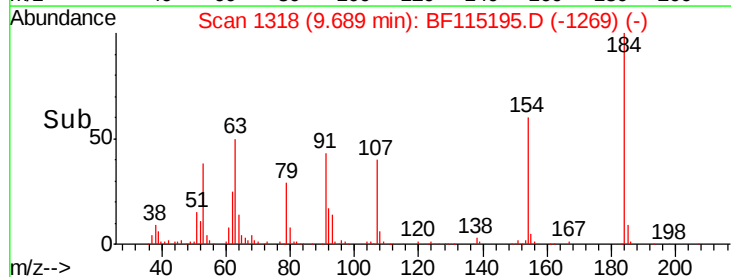
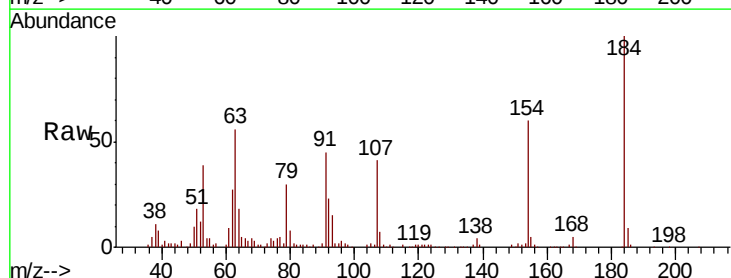
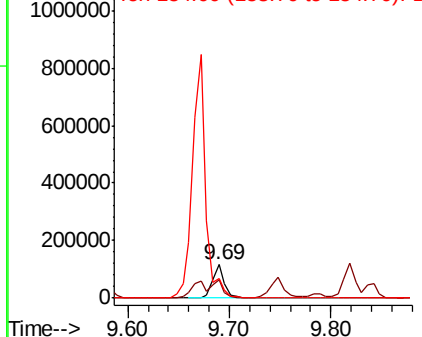
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	41.9	62.9
154	59.6	44.7	67.1

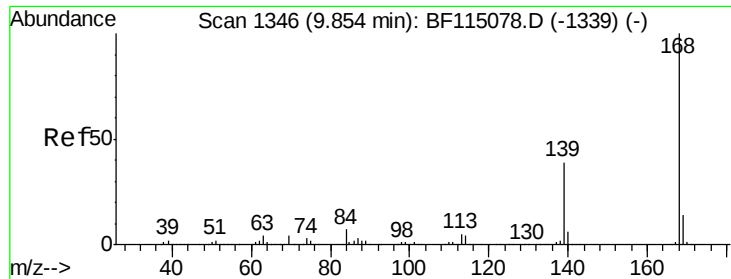
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





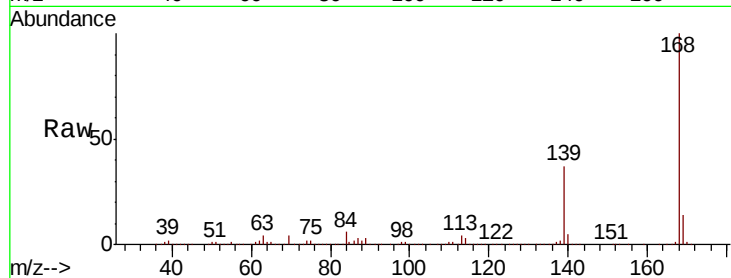
#55
Dibenzofuran
Concen: 29.035 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

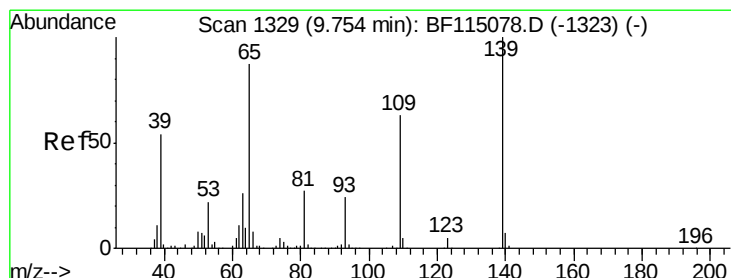
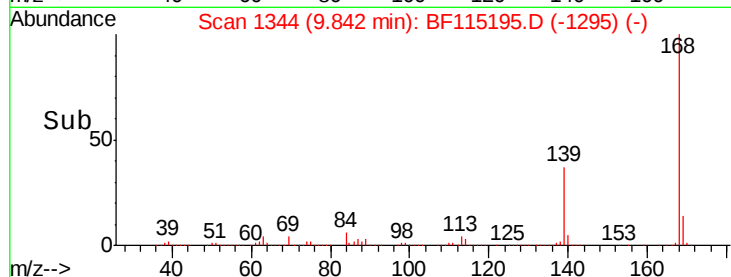
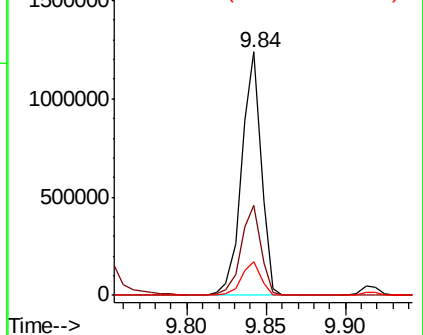
Tot Ion:168 Resp: 1055297
Ion Ratio Lower Upper
168 100
139 36.8 31.1 46.7
169 13.7 11.3 16.9

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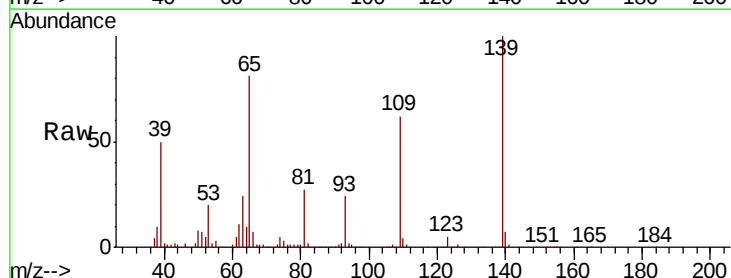


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

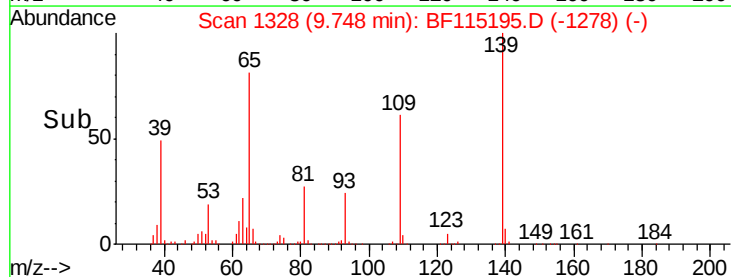
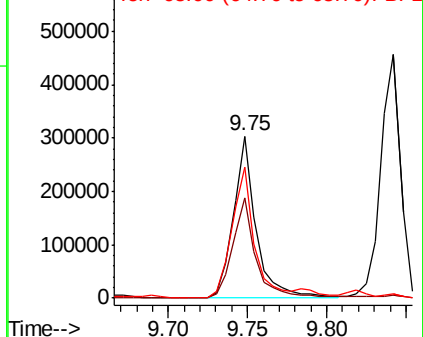


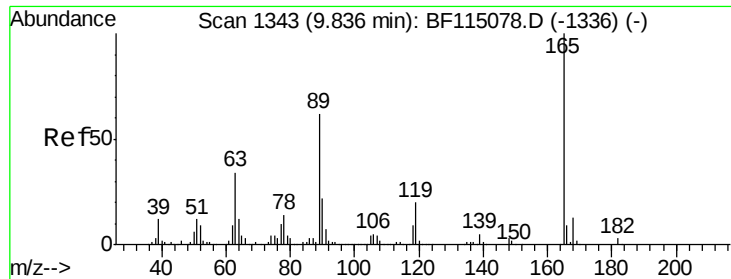
#56
4-Nitrophenol
Concen: 45.692 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:139 Resp: 303860
Ion Ratio Lower Upper
139 100
109 61.7 43.0 83.0
65 81.1 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





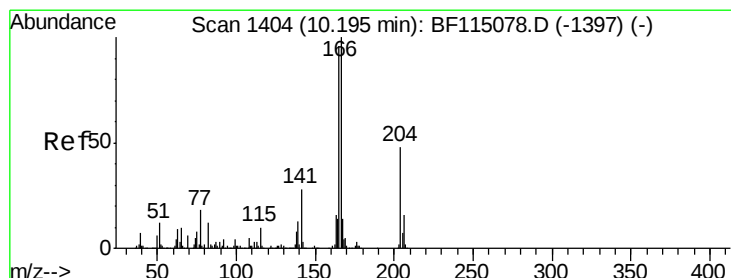
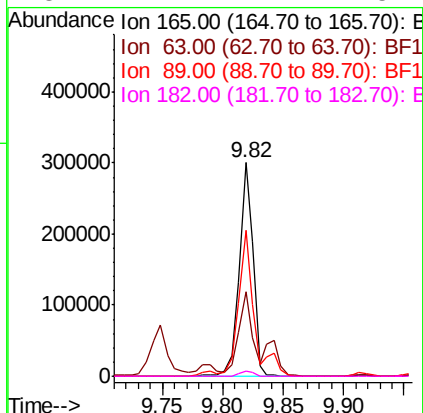
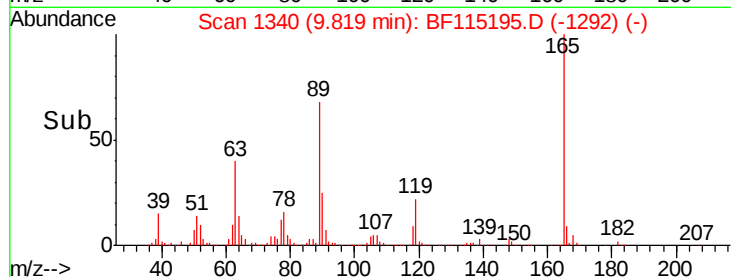
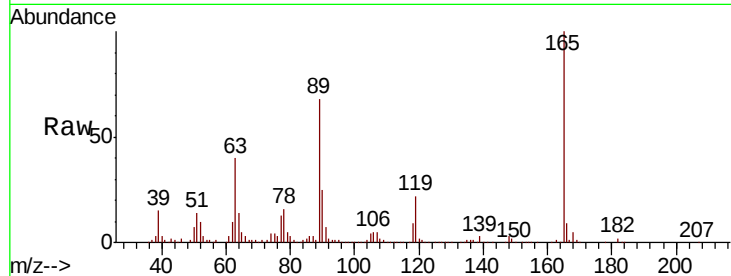
#57
 2,4-Dinitrotoluene
 Concen: 27.557 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.8	27.5	41.3	
89	68.1	49.9	74.9	
182	2.4	2.1	3.1	

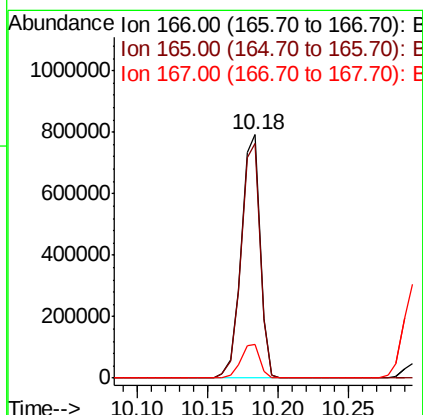
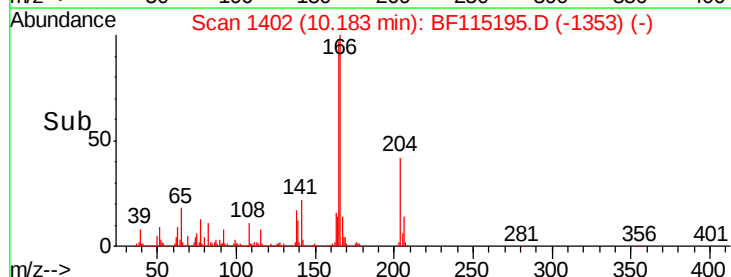
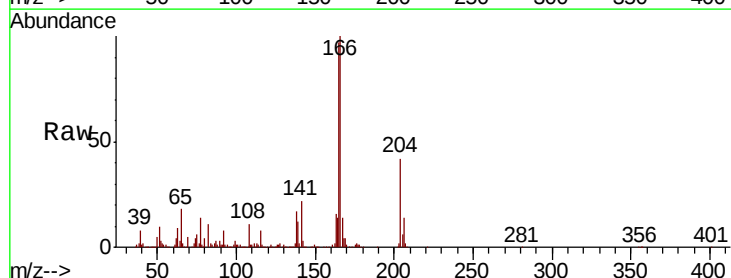
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#58
 Fluorene
 Concen: 28.213 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.6	76.5	114.7	
167	13.8	11.0	16.4	





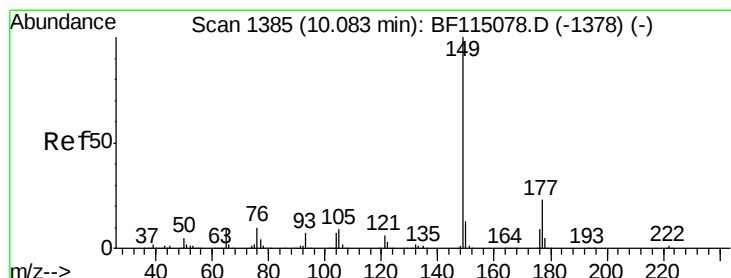
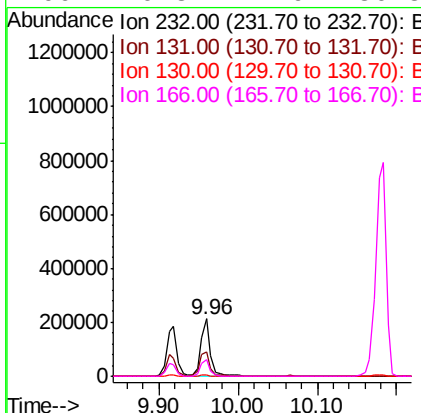
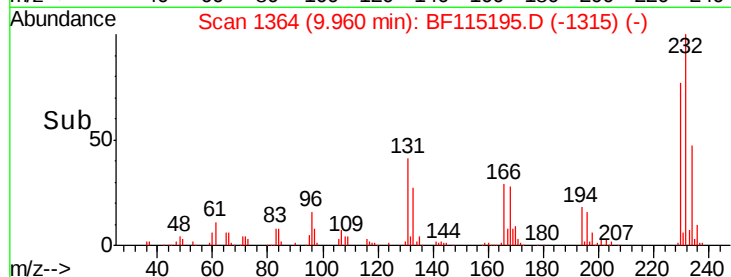
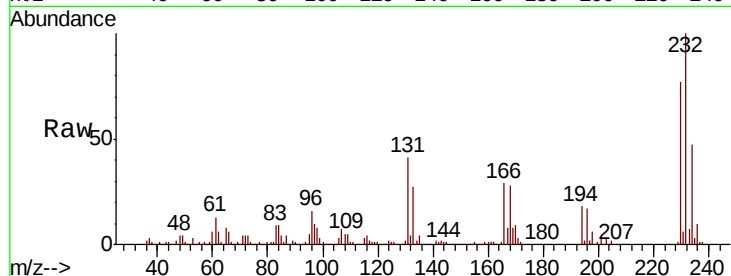
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 24.414 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.4	56.0
130	2.2	1.8	2.6
166	29.3	24.6	36.8

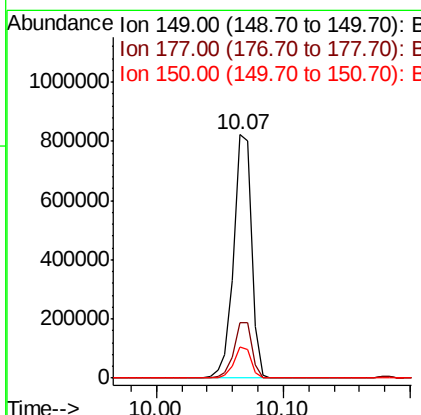
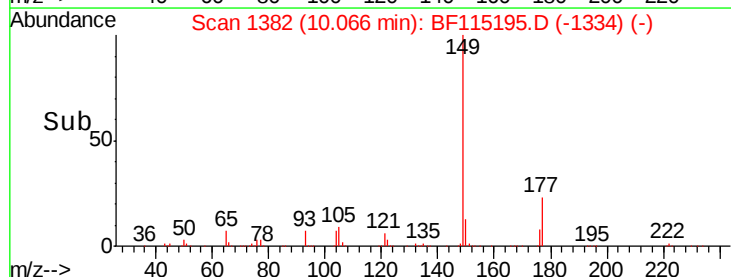
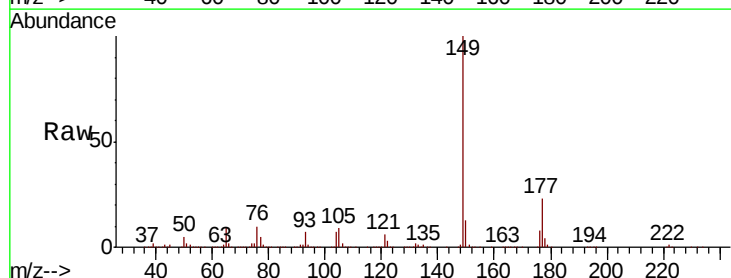
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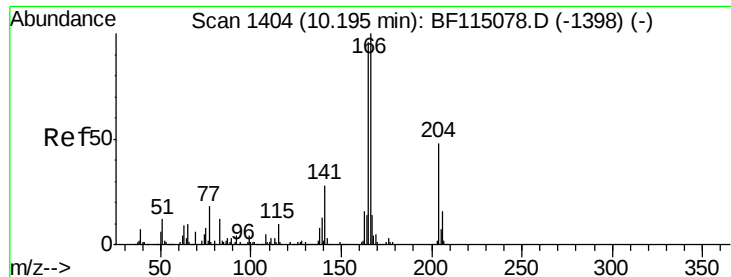
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#60
 Diethylphthalate
 Concen: 26.942 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.7	28.1
150	12.8	10.4	15.6





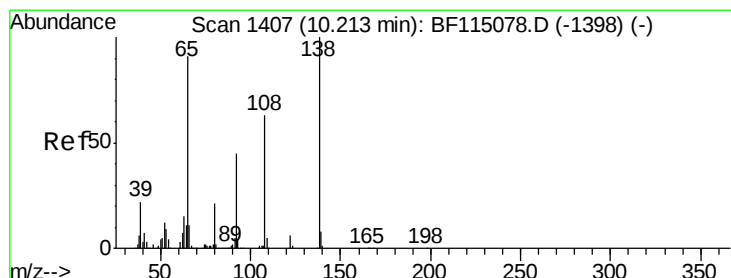
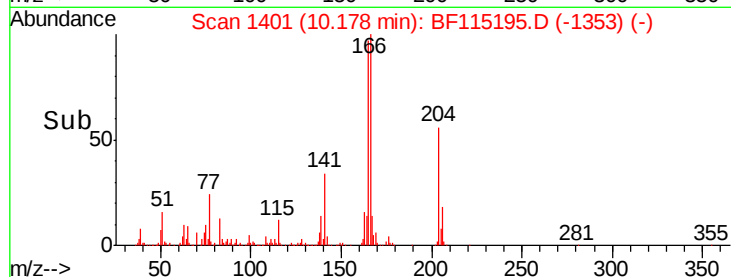
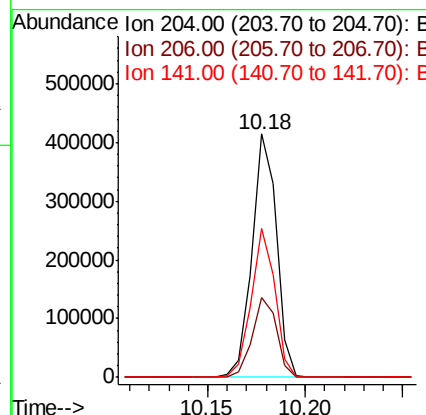
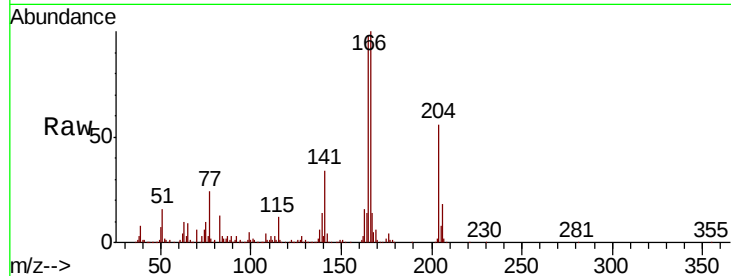
#61
 4-Chlorophenyl-phenylether
 Concen: 28.904 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.7	26.6	40.0	
141	61.0	46.7	70.1	

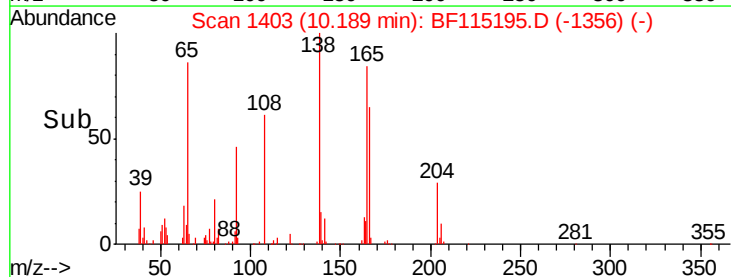
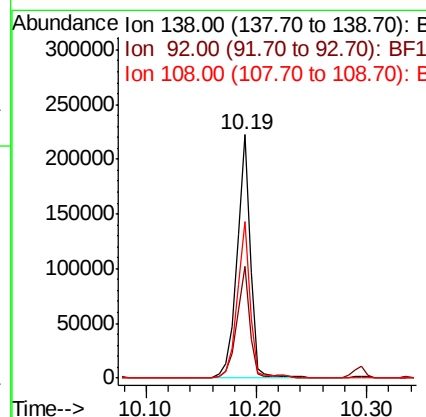
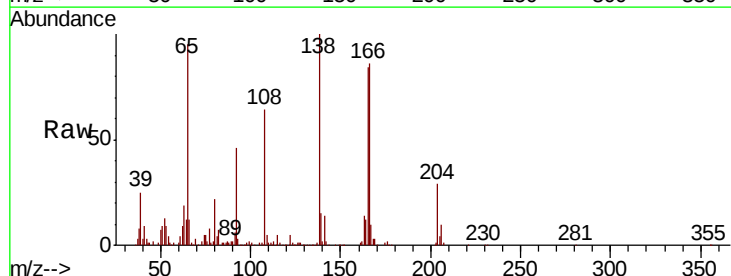
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#62
 4-Nitroaniline
 Concen: 23.086 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.0	24.8	64.8	
108	64.4	43.3	83.3	





#63

Azobenzene

Concen: 26.682 ng

RT: 10.34 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion: 77 Resp: 737602

Ion Ratio Lower Upper

77 100

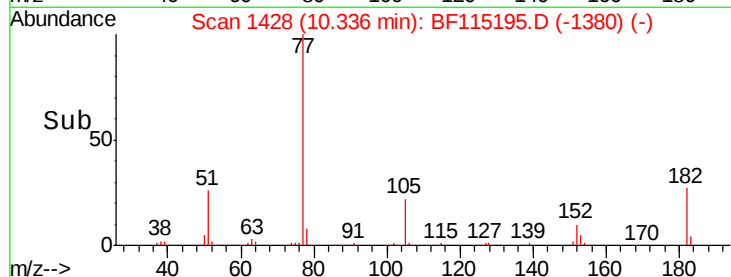
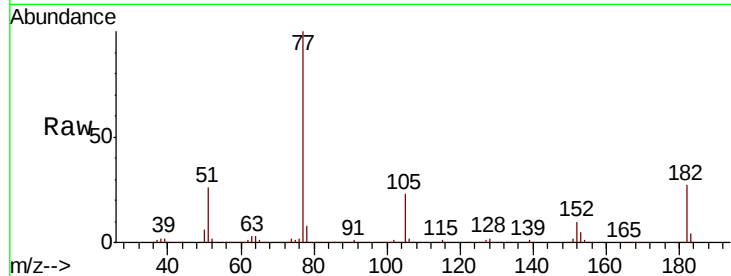
182 27.0 10.1 50.1

105 23.1 4.5 44.5

51 26.3 6.4 46.4

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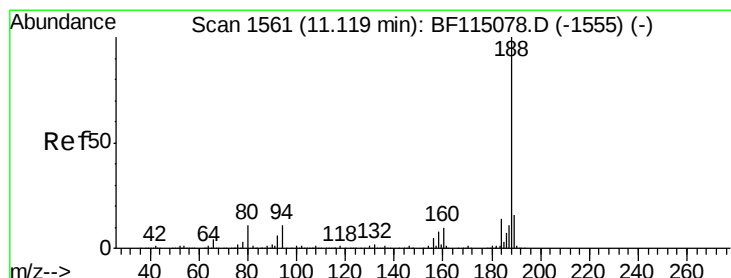
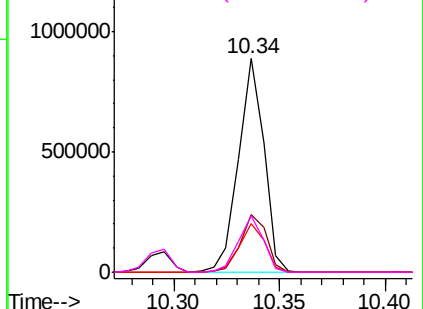


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

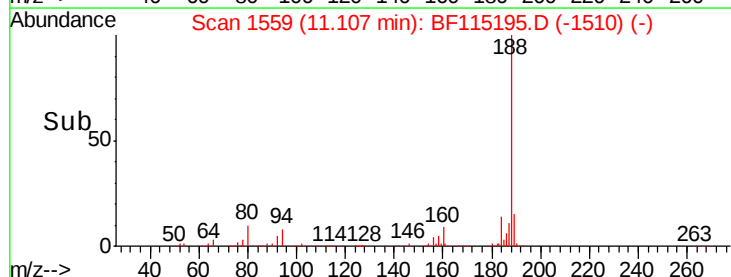
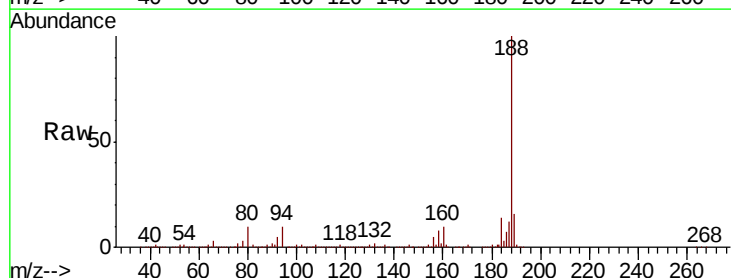
Tgt Ion: 188 Resp: 662779

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

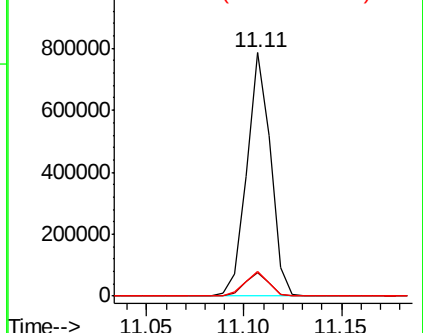
80 10.1 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 25.160 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

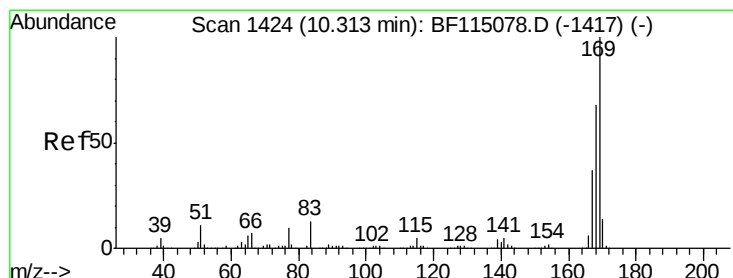
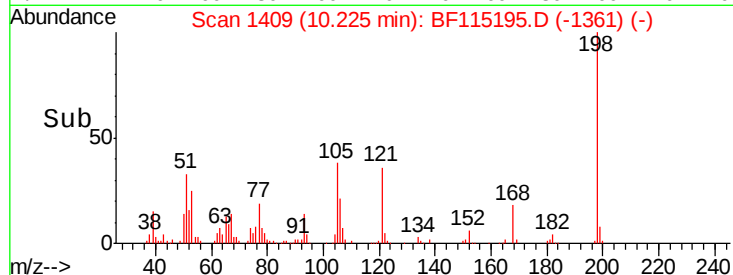
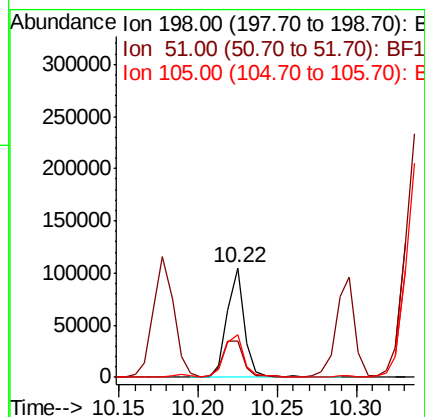
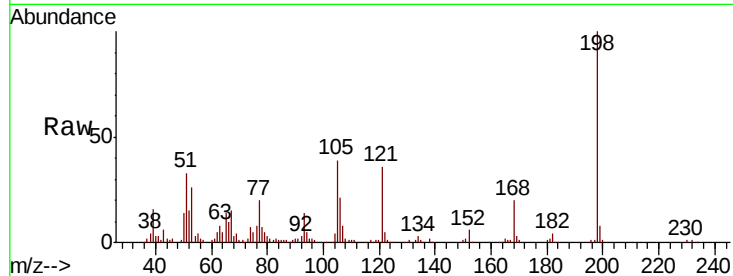
ClientSampleId :

SAMPLE-4MSD

Tot Ion:	198	Resp:	79446
Ion	Ratio	Lower	Upper
198	100		
51	33.2	11.0	51.0
105	39.3	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 32.302 ng

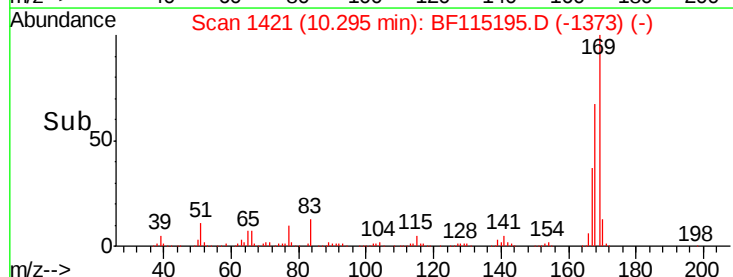
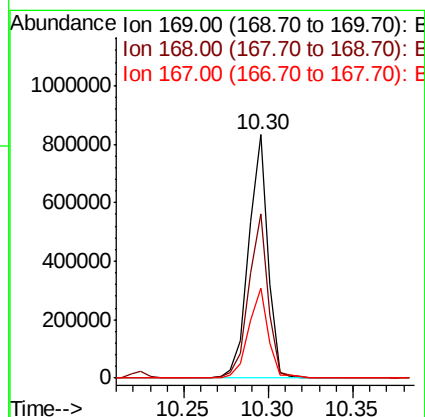
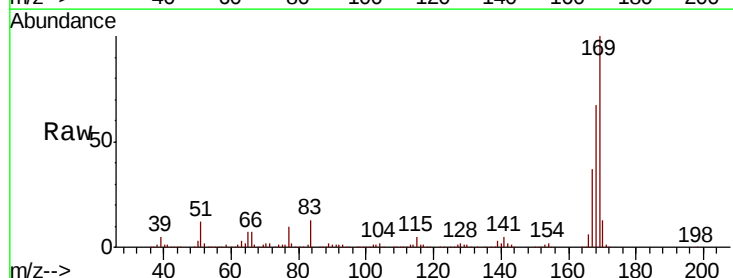
RT: 10.30 min Scan# 1421

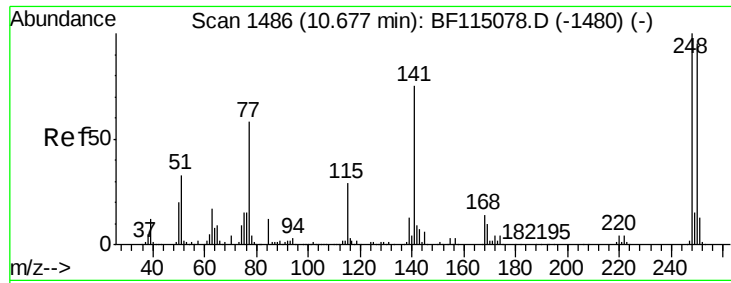
Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion:	169	Resp:	667005
Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.2	81.4
167	36.9	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 30.931 ng

RT: 10.67 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

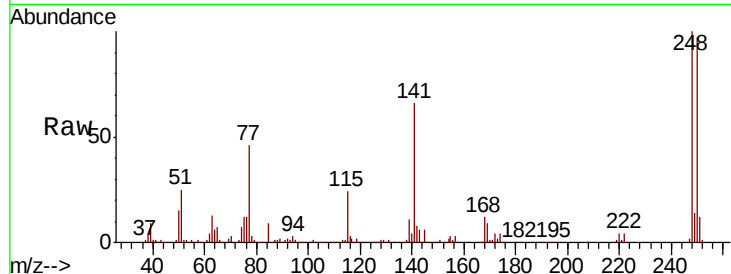
ClientSampleId :

SAMPLE-4MSD

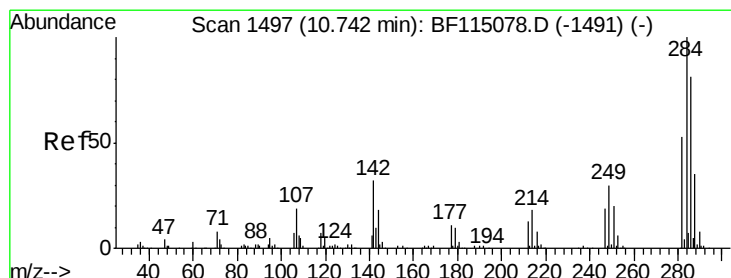
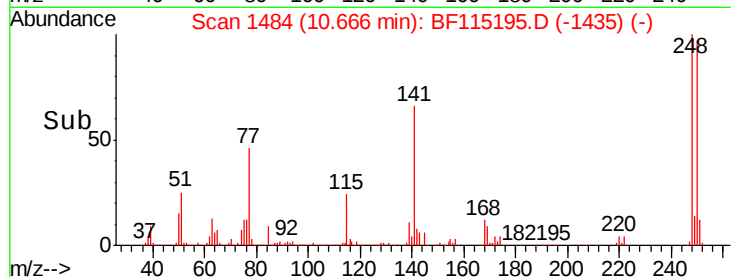
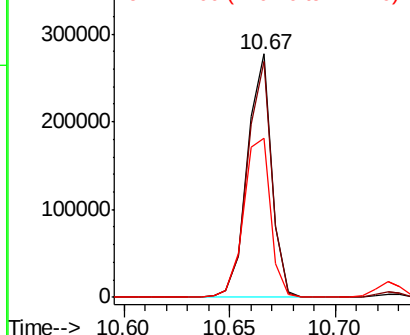
Tot Ion:	248	Resp:	222264
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.2	114.2
141	65.5	59.6	89.4

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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: 30.774 ng

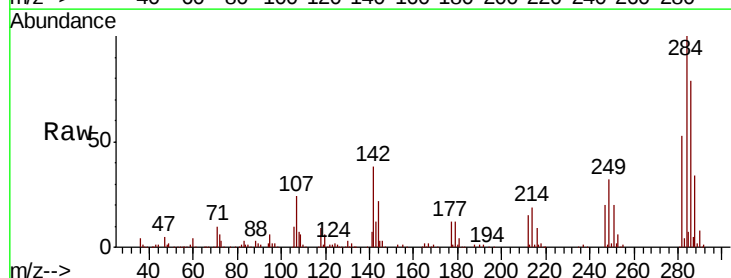
RT: 10.72 min Scan# 1494

Delta R.T. -0.02 min

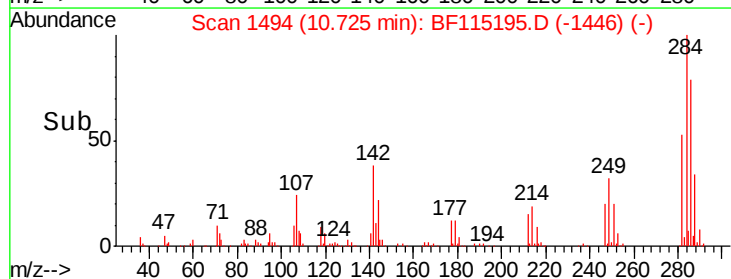
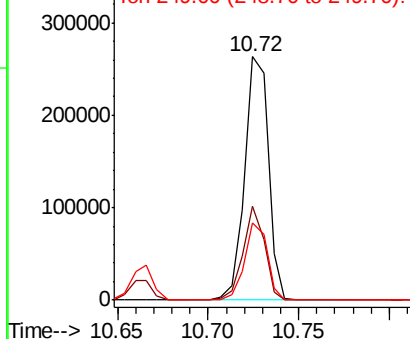
Lab File: BF115195.D

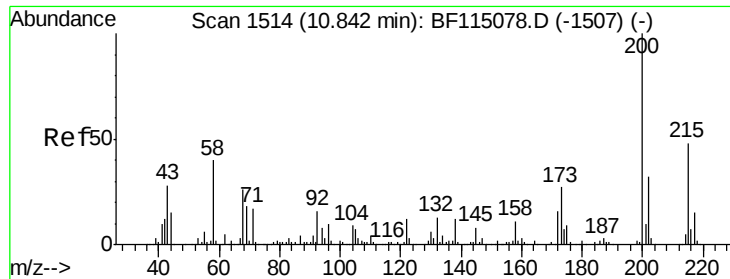
Acq: 25 Jun 2019 18:50

Tgt Ion:	284	Resp:	240030
Ion Ratio	Lower	Upper	
284	100		
142	38.5	25.8	38.8
249	31.8	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





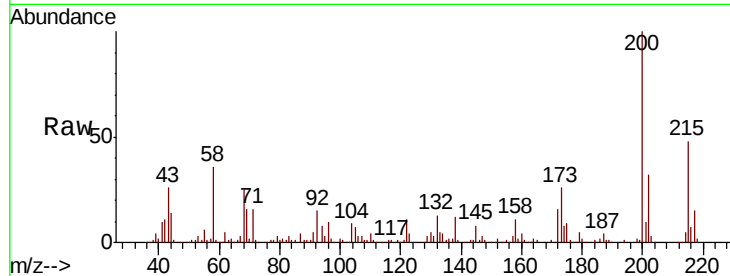
#69
Atrazine
Concen: 28.047 ng
RT: 10.82 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	7.4	47.4
215	47.9	27.8	67.8

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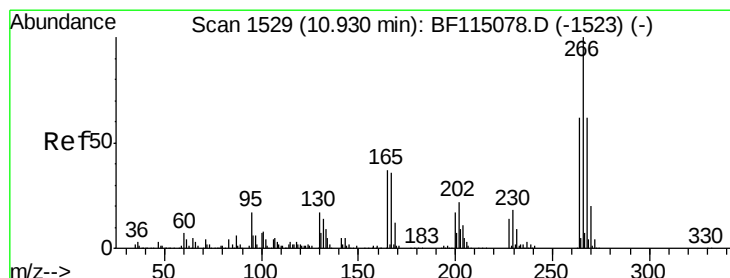
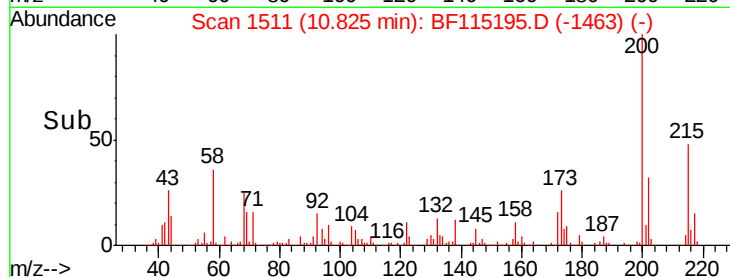
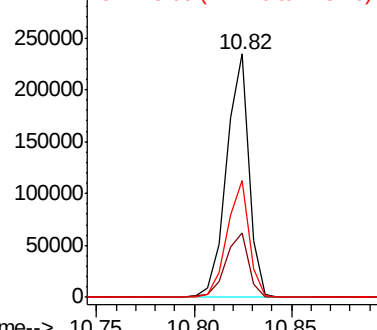


Abundance

Ion 200.00 (199.70 to 200.70): E

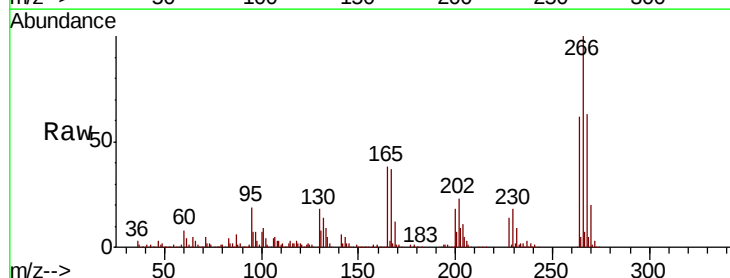
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 54.711 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	49.5	74.3
264	62.2	49.3	73.9

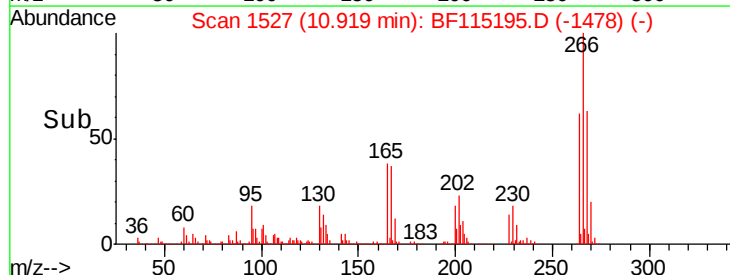
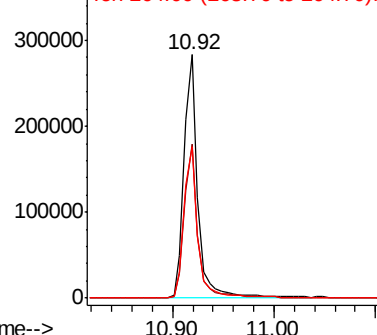


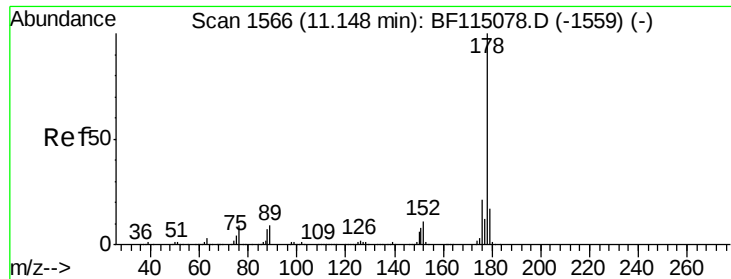
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





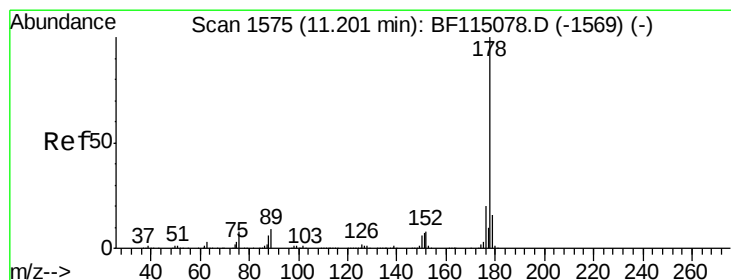
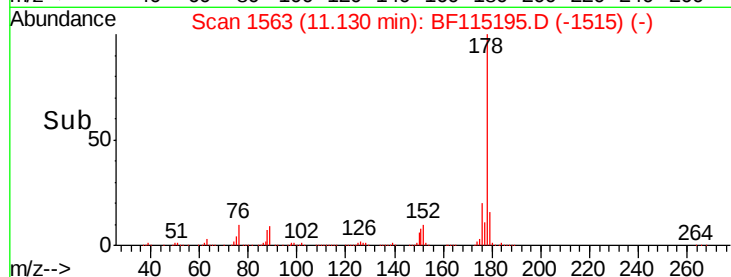
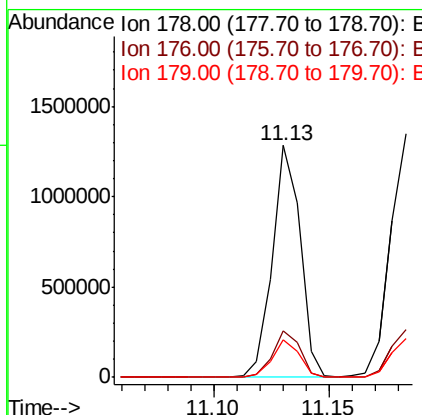
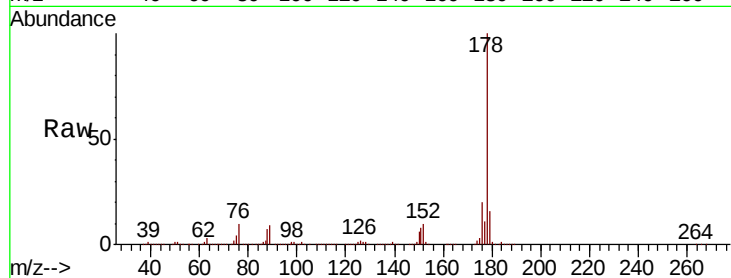
#71
Phenanthrene
Concen: 30.143 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:178 Resp: 1075664
Ion Ratio Lower Upper
178 100
176 20.1 16.9 25.3
179 16.1 13.2 19.8

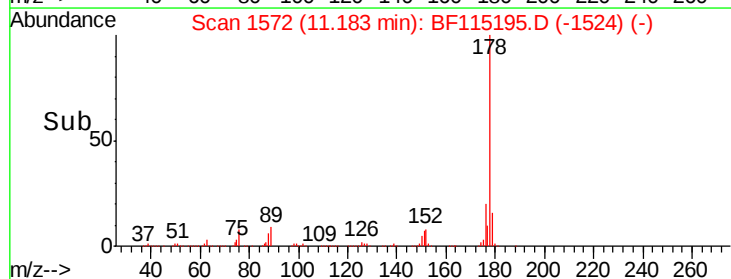
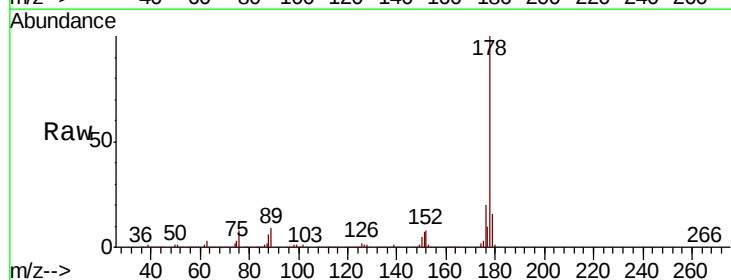
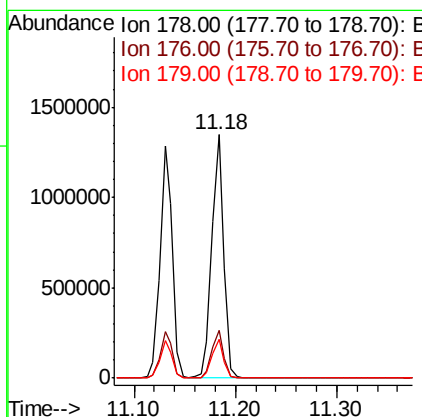
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#72
Anthracene
Concen: 30.638 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:178 Resp: 1103625
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.0 12.9 19.3





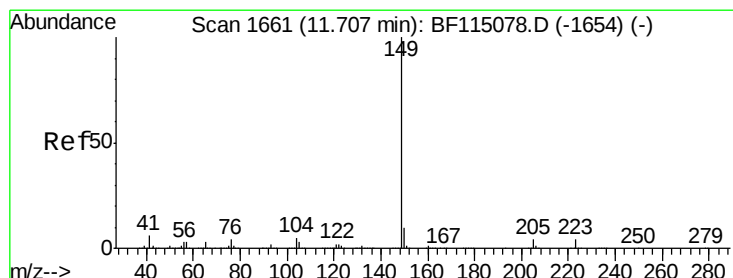
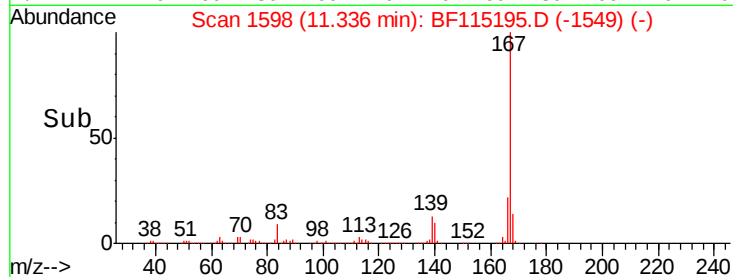
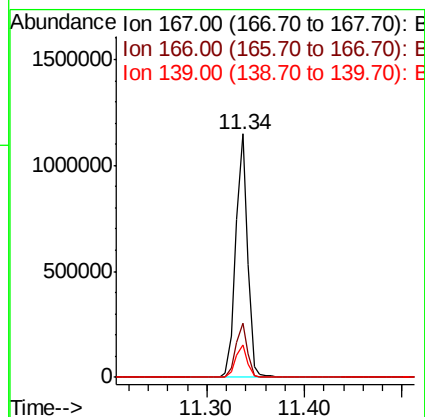
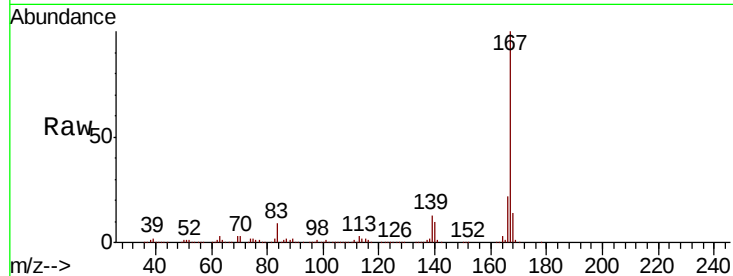
#73
 Carbazole
 Concen: 30.136 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.4	11.1	16.7

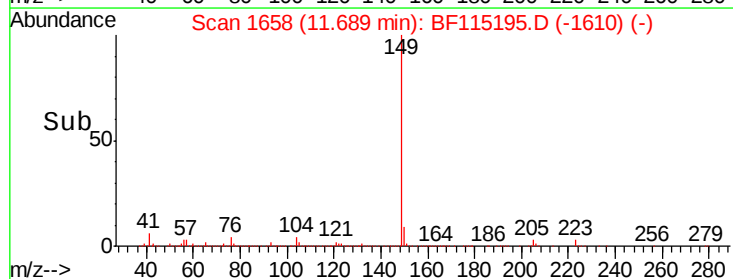
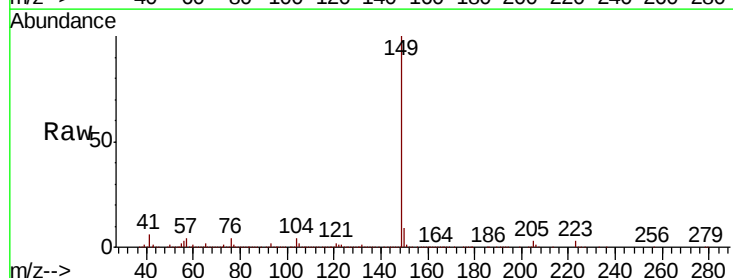
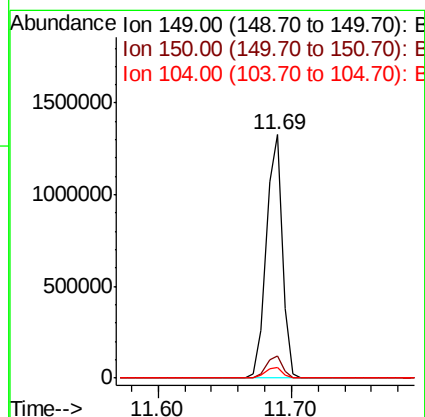
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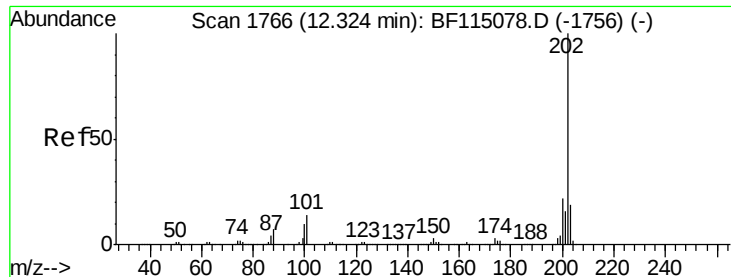
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#74
 Di-n-butylphthalate
 Concen: 29.504 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.8
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 31.313 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion:202 Resp: 1114898

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.0

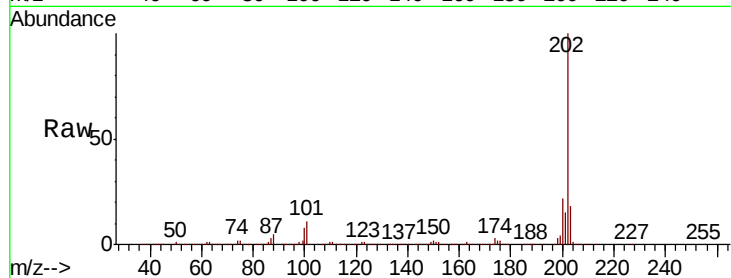
203 18.1 0.0 38.8

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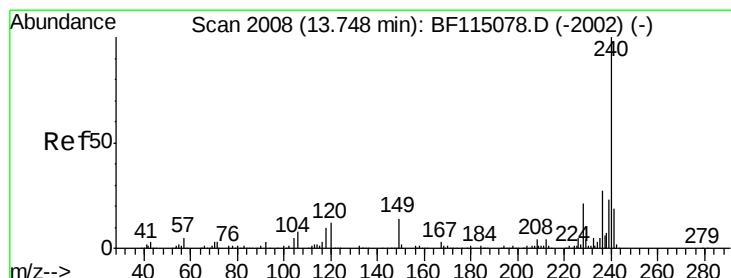
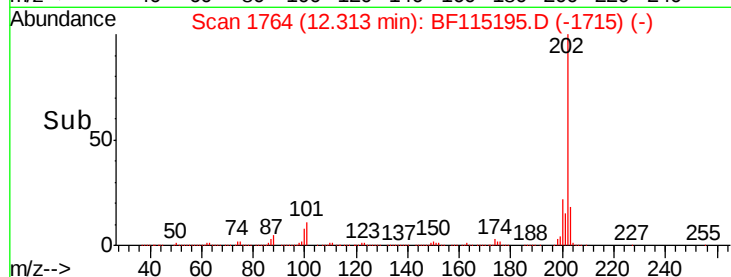
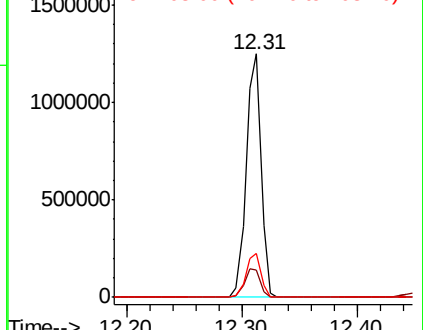


Abundance

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: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

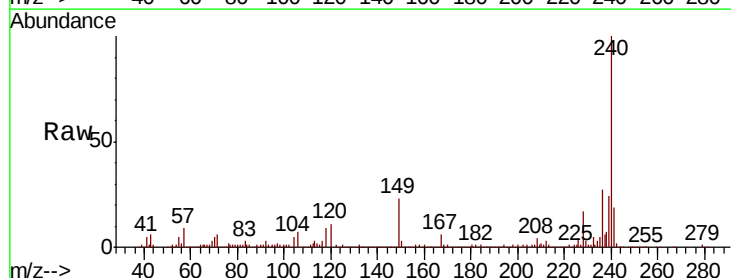
Tgt Ion:240 Resp: 554318

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 27.3 21.7 32.5

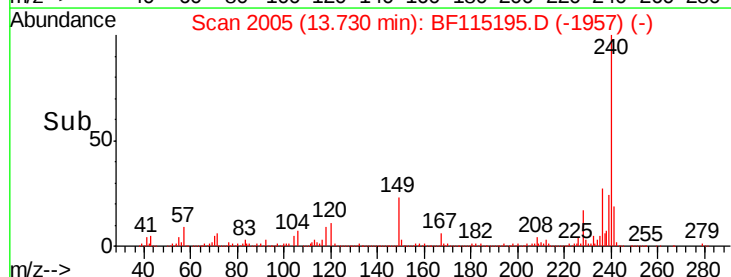
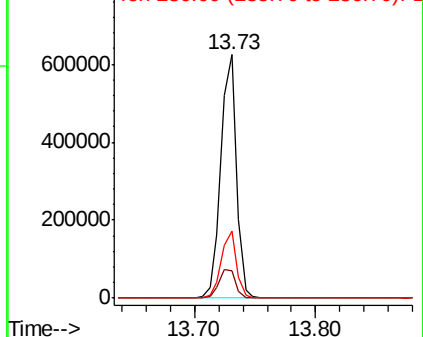


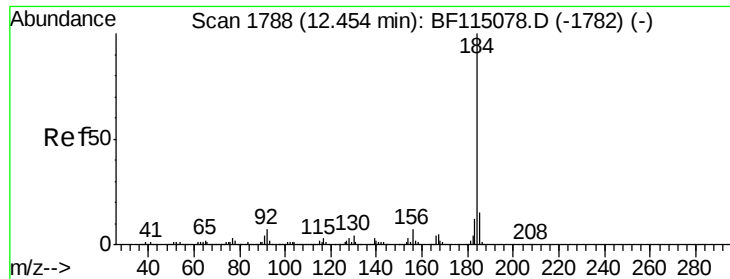
Abundance

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: 13.411 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

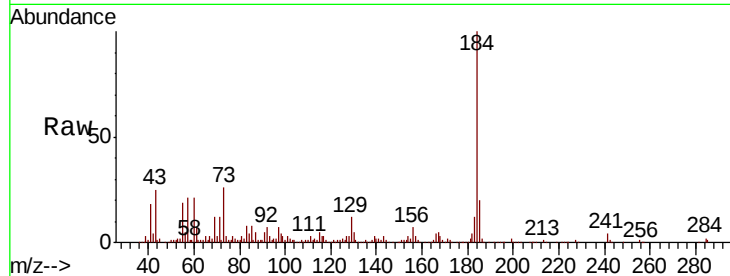
ClientSampleId :

SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	19.6	12.2	18.2#
183	12.0	9.6	14.4

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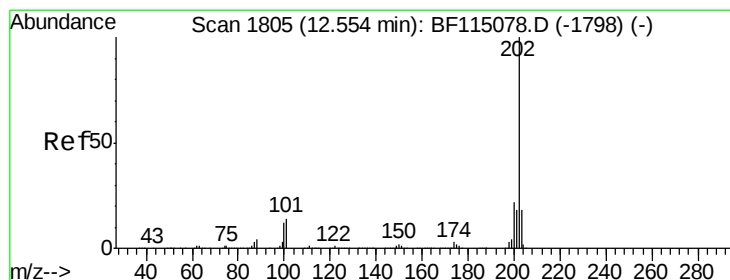
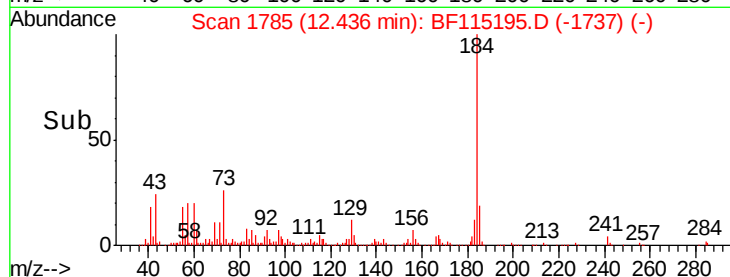
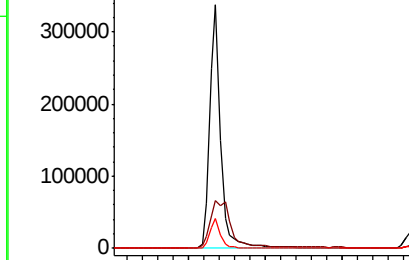
Abundance

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

12.44



#78

Pyrene

Concen: 27.016 ng

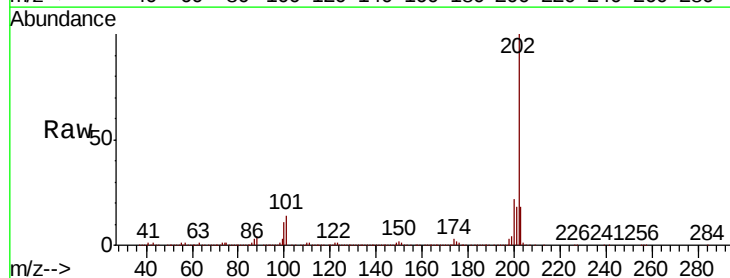
RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.9	26.9
203	17.9	14.6	21.8



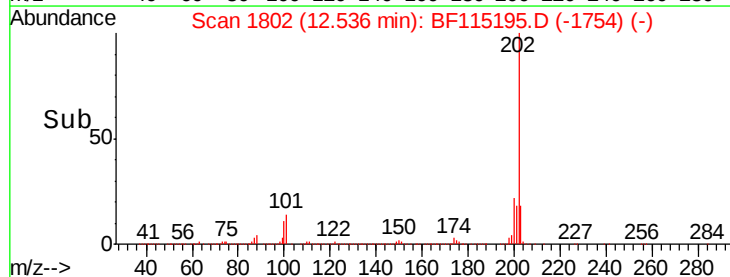
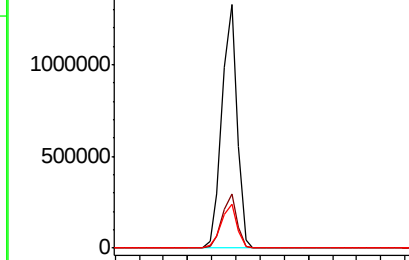
Abundance

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

12.54





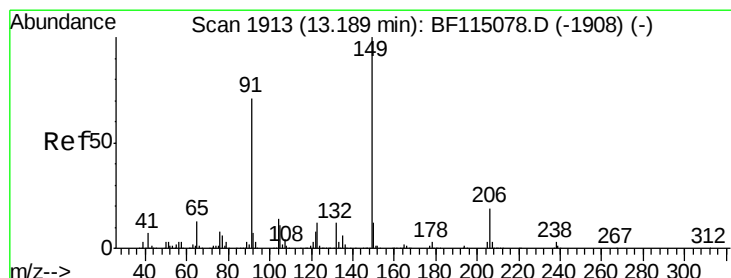
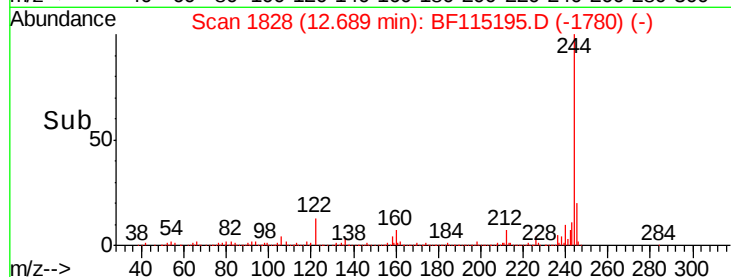
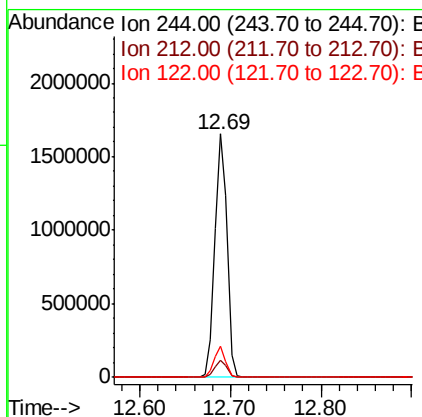
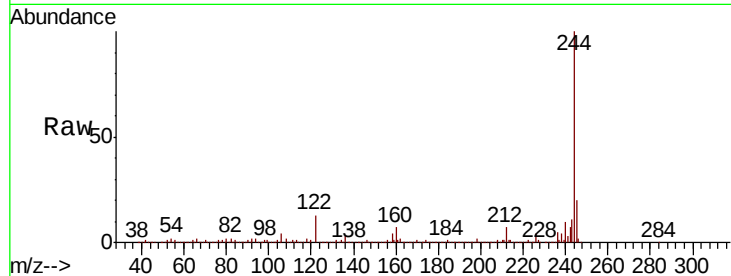
#79
 Terphenyl-d14
 Concen: 59.252 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion:244 Resp: 1544794
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.7 10.4 15.6

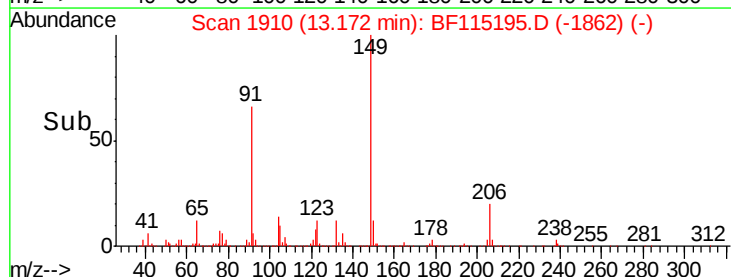
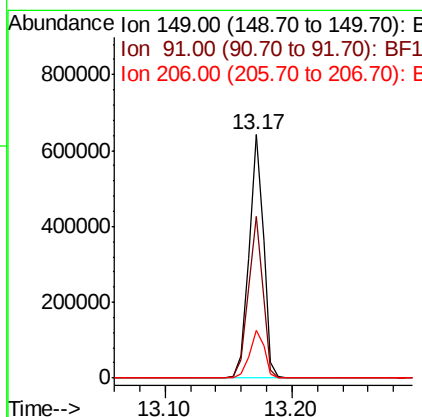
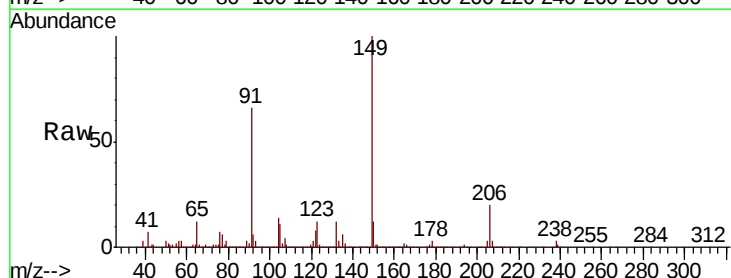
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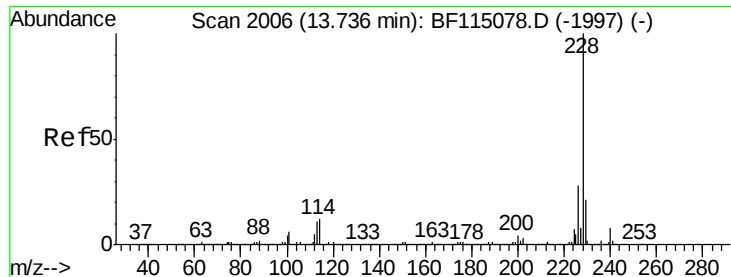
mohammad
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#80
 Butylbenzylphthalate
 Concen: 26.758 ng
 RT: 13.17 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:149 Resp: 503046
 Ion Ratio Lower Upper
 149 100
 91 66.3 56.5 84.7
 206 19.6 15.3 22.9





#81

Benzo(a)anthracene

Concen: 27.786 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

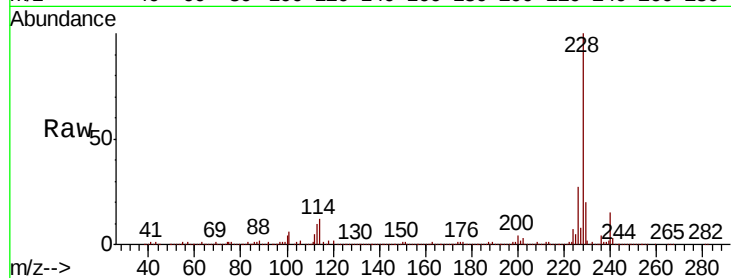
ClientSampleId :

SAMPLE-4MSD

Tot Ion:	228	Resp:	1105172
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	20.2	16.6	24.8

Manual Integrations
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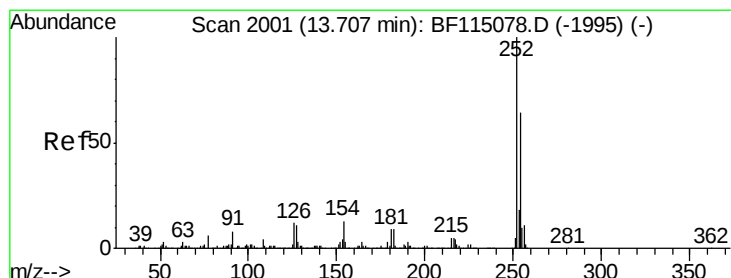
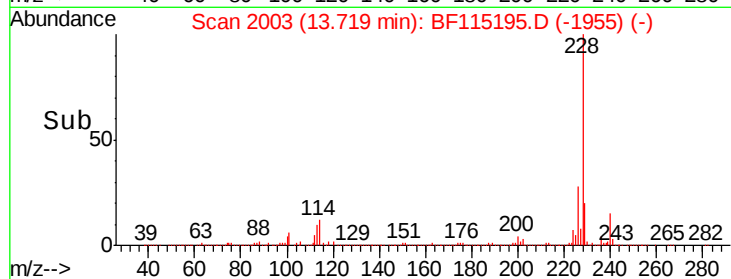
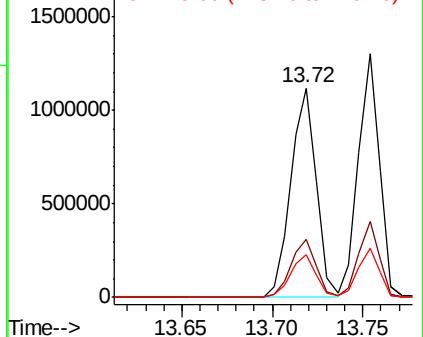


Abundance

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: 19.080 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

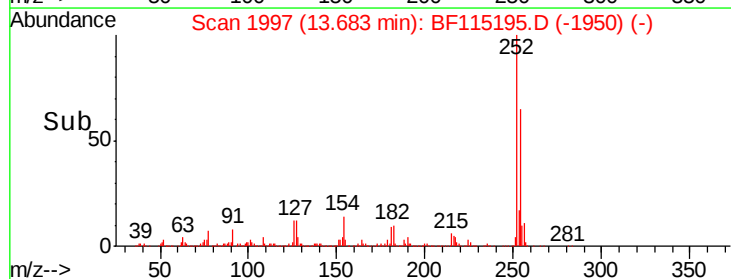
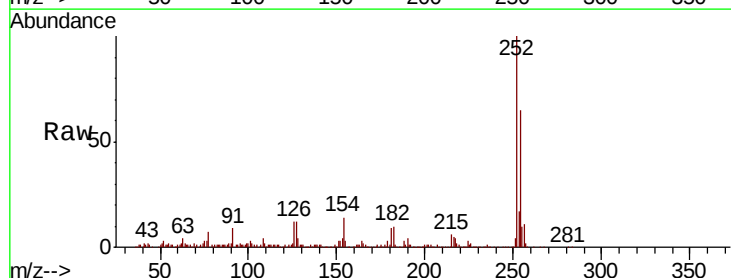
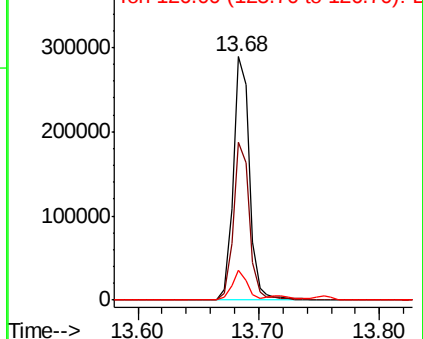
Tgt Ion:	252	Resp:	274055
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.1	76.7
126	12.4	9.4	14.0

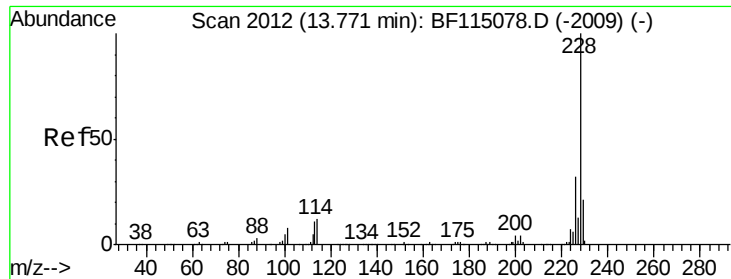
Abundance

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





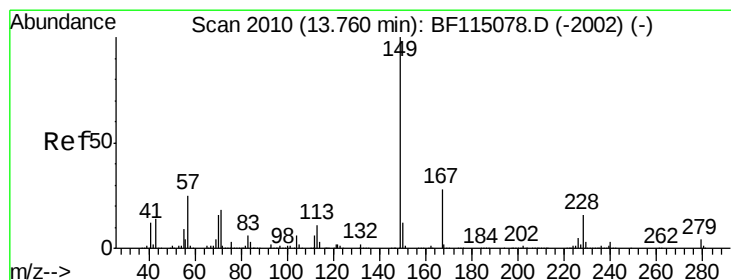
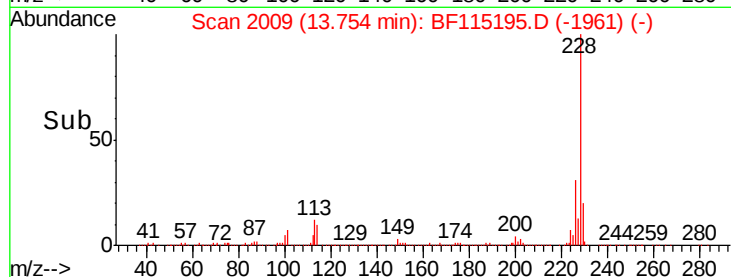
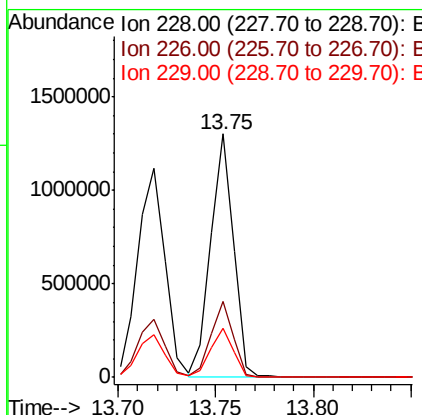
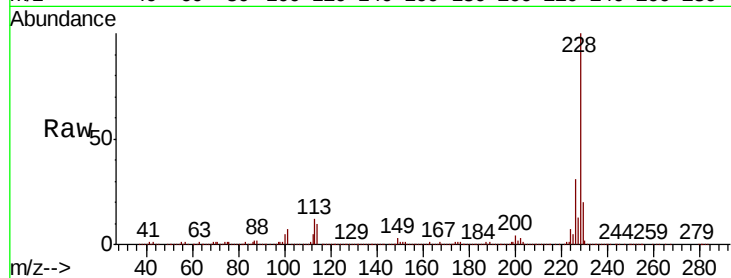
#83
 Chrvsene
 Concen: 28.981 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion:228 Resp: 1055905
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 20.4 16.5 24.7

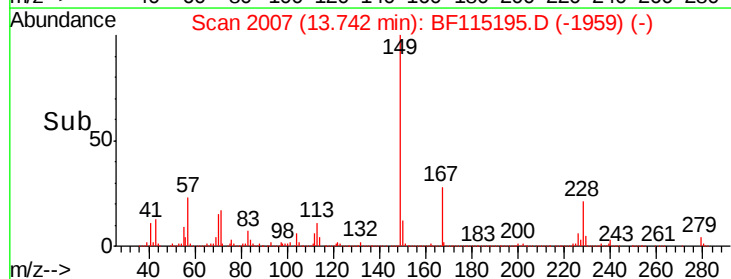
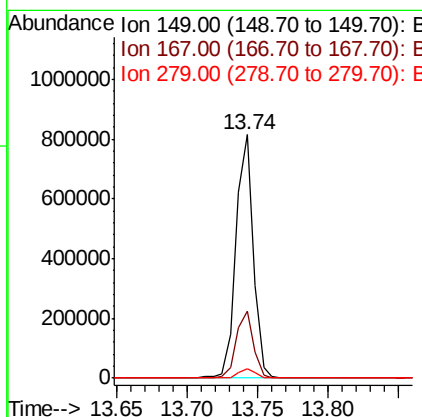
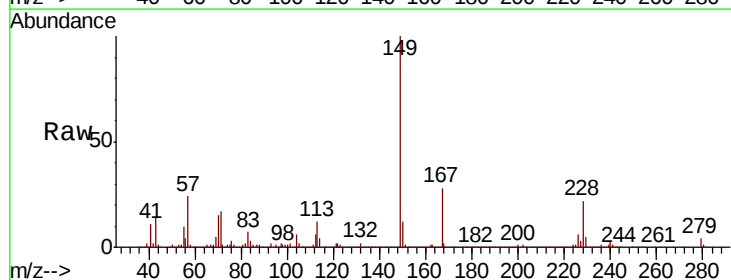
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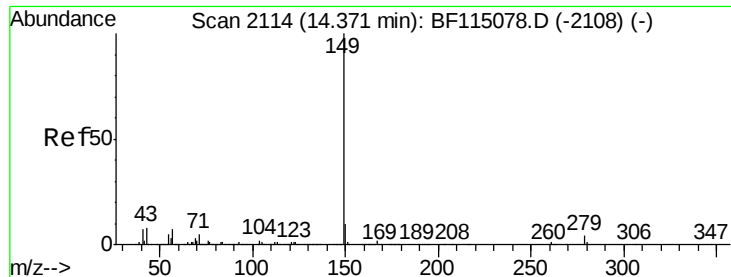
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.993 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:149 Resp: 689572
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 4.1 2.9 4.3





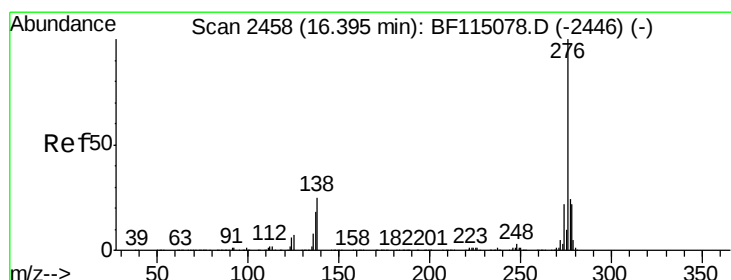
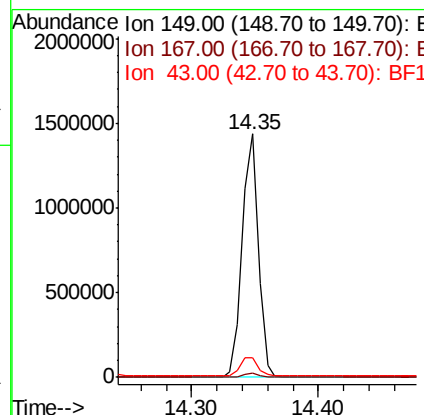
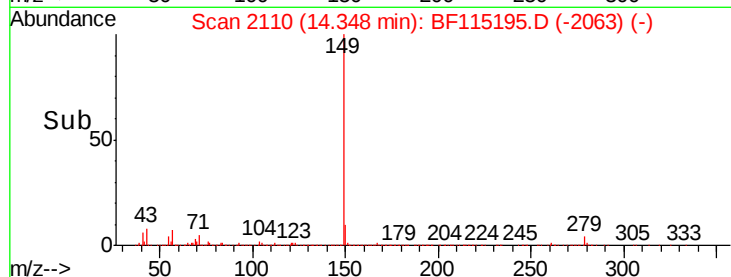
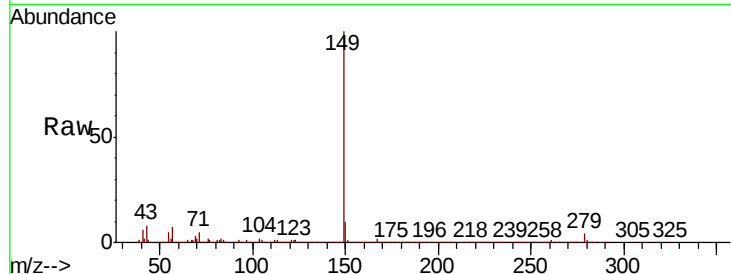
#85
Di-n-octyl phthalate
Concen: 30.222 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.0	10.6

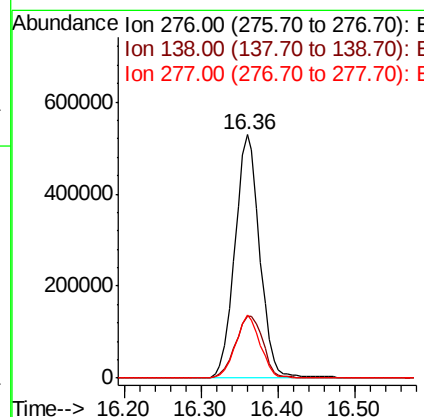
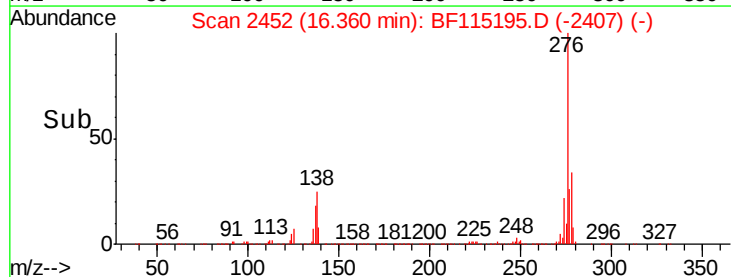
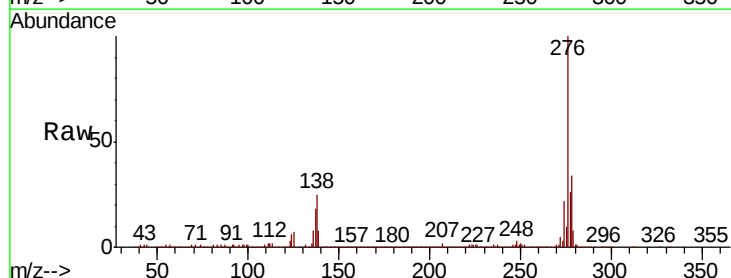
Manual Integrations
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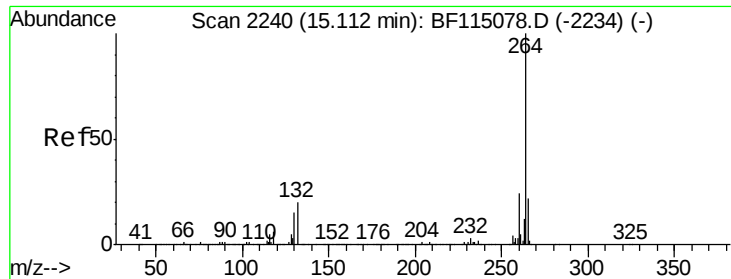
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 27.540 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.04 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.2	34.8
277	25.7	20.1	30.1





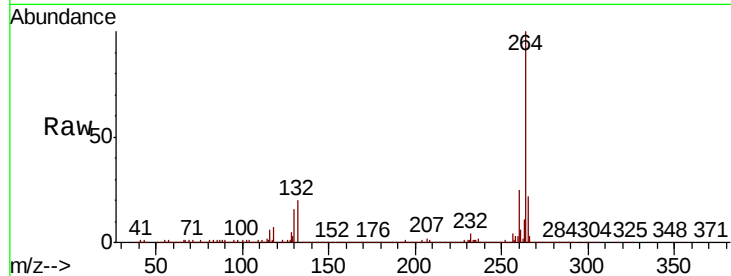
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.0	17.3	25.9

Manual Integrations
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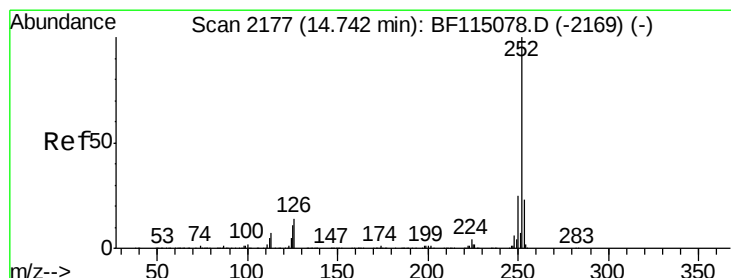
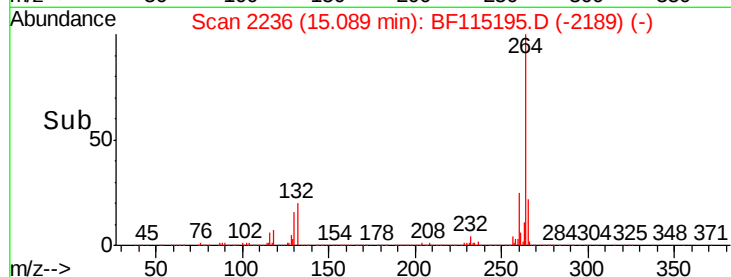
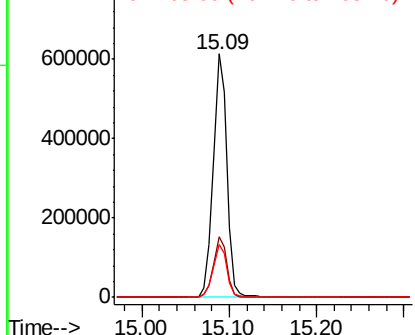


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 28.985 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

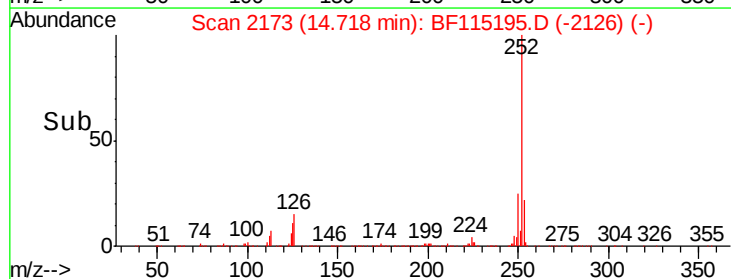
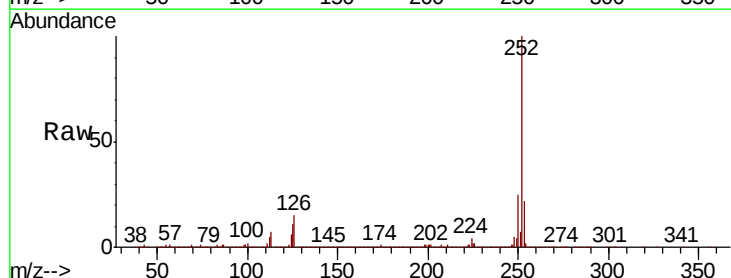
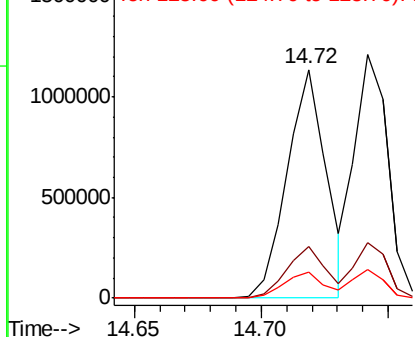
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.2	8.7	13.1

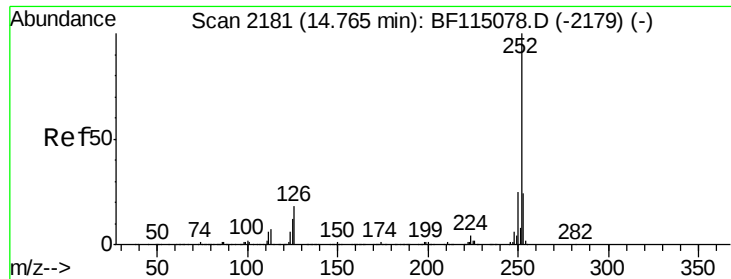
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 29.327 ng

RT: 14.74 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion:252 Resp: 1103730

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

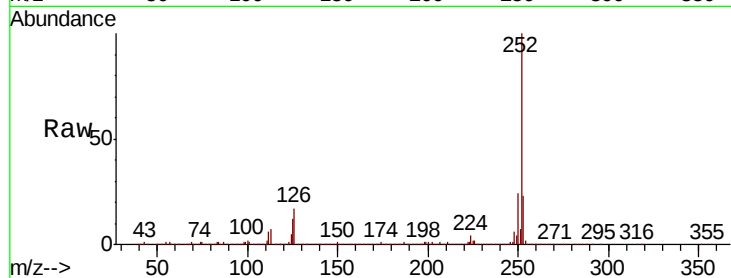
125 11.9 10.2 15.2

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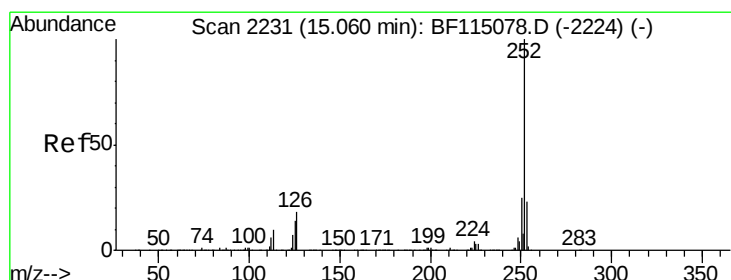
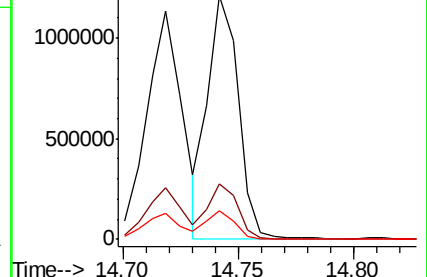
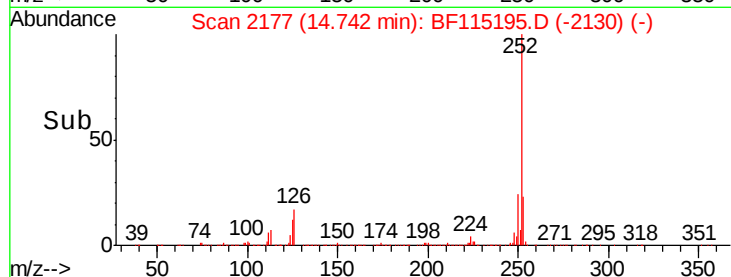
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 30.548 ng

RT: 15.04 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

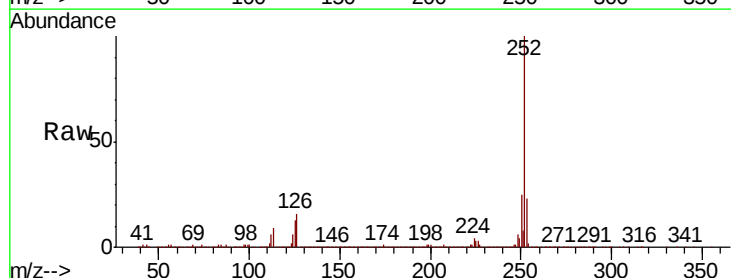
Tgt Ion:252 Resp: 1155510

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

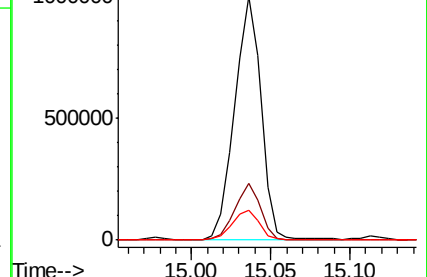
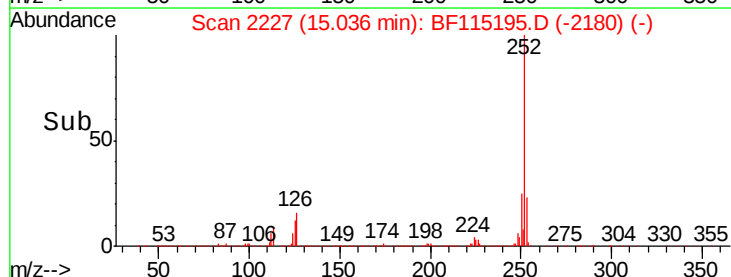
125 12.5 10.9 16.3

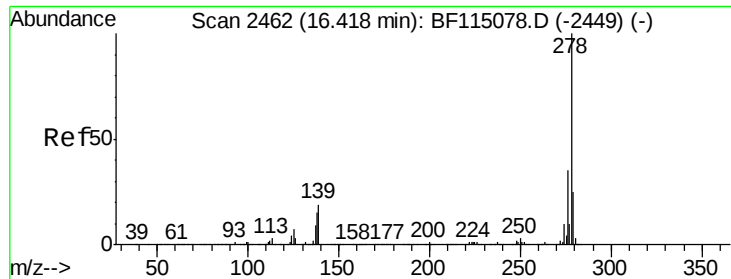


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





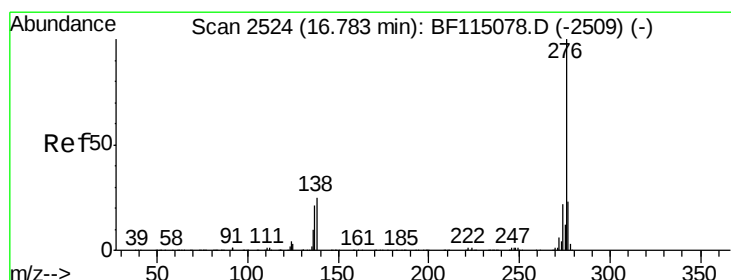
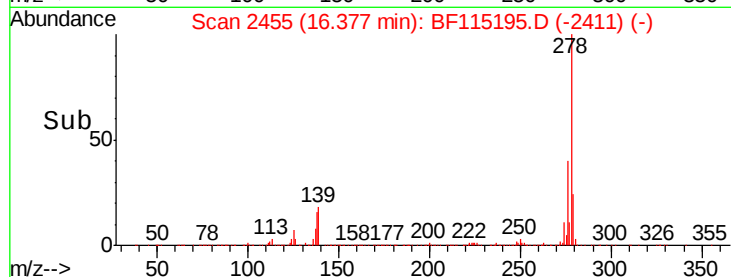
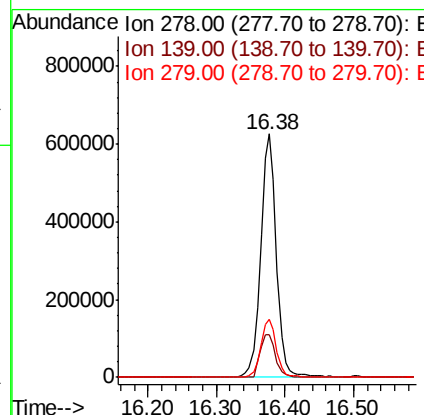
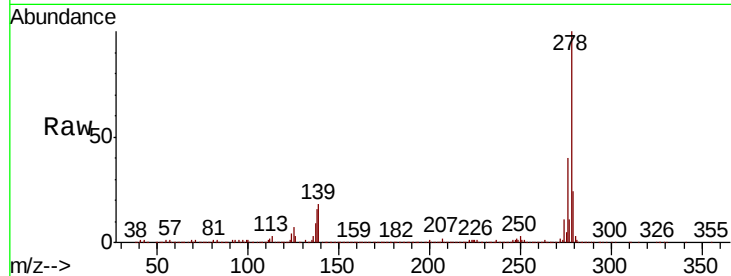
#91
Dibenzo(a,h)anthracene
Concen: 28.545 ng
RT: 16.38 min Scan# 2455
Delta R.T. -0.04 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.4	23.2
279	24.0	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:34 PM



#92
Benzo(g,h,i)perylene
Concen: 26.721 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	23.3	19.8	29.6

