

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115194.D
 Acq On : 25 Jun 2019 18:24
 Operator : HP/JU
 Sample : K3470-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:27 PM

Quant Time: Jun 26 07:12:10 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	195251	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	721848	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	337115	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	682592	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	576353	20.00	ng	-0.02
87) Perylene-d12	15.09	264	688560	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1092295	86.33	ng	0.00
7) Phenol-d6	6.25	99	1351040	87.97	ng	0.00
23) Nitrobenzene-d5	7.17	82	798163	68.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	371819	104.59	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1407785	70.93	ng	-0.02
79) Terphenyl-d14	12.69	244	1681754	62.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	140602	23.546	ng	99
3) Pyridine	2.86	79	342415	20.345	ng	99
4) n-Nitrosodimethylamine	2.79	42	157824	23.920	ng	98
6) Aniline	6.27	93	215219	10.197	ng	# 61
8) 2-Chlorophenol	6.39	128	382497	26.885	ng	97
9) Benzaldehyde	6.15	77	255108	25.462	ng	98
10) Phenol	6.26	94	456085	25.354	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	350125	26.404	ng	99
12) 1,3-Dichlorobenzene	6.55	146	423336	26.811	ng	98
13) 1,4-Dichlorobenzene	6.62	146	431247	27.237	ng	98
14) 1,2-Dichlorobenzene	6.78	146	402663	27.462	ng	97
15) Benzyl Alcohol	6.75	79	233033	20.839	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	485288	25.233	ng	92
17) 2-Methylphenol	6.87	107	340789	29.020	ng	98
18) Hexachloroethane	7.12	117	148399	25.998	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	242400	24.655	ng	95
20) 3+4-Methylphenols	7.02	107	371392	27.389	ng	90
22) Acetophenone	7.02	105	509423	30.827	ng	# 95
24) Nitrobenzene	7.19	77	375890	29.077	ng	97
25) Isophorone	7.43	82	655636	27.274	ng	99
26) 2-Nitrophenol	7.51	139	199213	31.204	ng	97
27) 2,4-Dimethylphenol	7.55	122	329199	31.494	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	415896	27.374	ng	99
29) 2,4-Dichlorophenol	7.75	162	304171	28.197	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	350828	29.443	ng	98
31) Naphthalene	7.91	128	1084406	30.604	ng	98
32) Benzoic acid	7.65	122	90566m	12.138	ng	
33) 4-Chloroaniline	7.96	127	191558	11.829	ng	99
34) Hexachlorobutadiene	8.04	225	189697	29.052	ng	99
35) Caprolactam	8.32	113	99182m	27.347	ng	
36) 4-Chloro-3-methylphenol	8.45	107	304064	27.833	ng	98
37) 2-Methylnaphthalene	8.60	142	721503	30.199	ng	98
38) 1-Methylnaphthalene	8.70	142	663528	29.079	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	306505	32.175	ng	99

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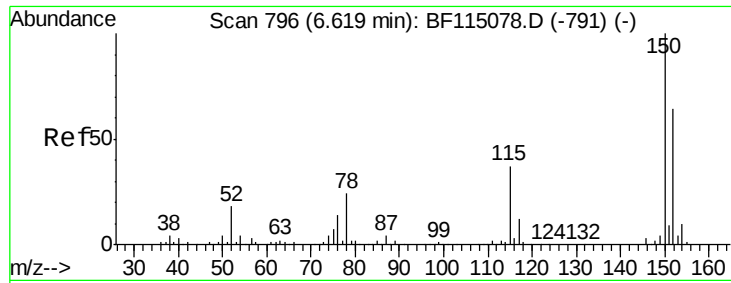
Manual Integrations
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 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	275823	48.829	nq	98
43) 2,4,6-Trichlorophenol	8.88	196	210512	28.623	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	242110	31.966	nq	96
46) 1,1'-Biphenyl	9.07	154	843988	31.289	nq	99
47) 2-Chloronaphthalene	9.08	162	664066	30.350	nq	98
48) 2-Nitroaniline	9.18	65	185433	29.070	nq	95
49) Acenaphthylene	9.50	152	1053941	30.917	nq	98
50) Dimethylphthalate	9.37	163	1092977	44.068	nq	99
51) 2,6-Dinitrotoluene	9.42	165	169301	29.567	nq	89
52) Acenaphthene	9.67	154	658085	30.850	nq	99
53) 3-Nitroaniline	9.58	138	140320	20.081	nq	100
54) 2,4-Dinitrophenol	9.69	184	92994	36.008	nq	98
55) Dibenzofuran	9.84	168	917835	29.978	nq	97
56) 4-Nitrophenol	9.75	139	333873	59.598	nq	98
57) 2,4-Dinitrotoluene	9.82	165	225382	30.484	nq	94
58) Fluorene	10.18	166	676870	31.182	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	205336	32.332	nq	98
60) Diethylphthalate	10.07	149	728531	29.221	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	323599	31.340	nq	98
62) 4-Nitroaniline	10.19	138	194611	27.762	nq	98
63) Azobenzene	10.34	77	679834	29.194	nq	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	90006	27.181	nq	96
66) n-Nitrosodiphenylamine	10.30	169	624674	29.374	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	212128	28.663	nq	93
68) Hexachlorobenzene	10.72	284	233370	29.051	nq	95
69) Atrazine	10.82	200	196422	28.713	nq	100
70) Pentachlorophenol	10.92	266	296113	57.862	nq	99
71) Phenanthrene	11.13	178	1096032	29.823	nq	99
72) Anthracene	11.18	178	1144875	30.861	nq	99
73) Carbazole	11.34	167	1033745	31.205	nq	99
74) Di-n-butylphthalate	11.69	149	1199167	31.326	nq	99
75) Fluoranthene	12.31	202	1210561	33.013	nq	96
77) Benzidine	12.44	184	343071	13.405	nq	# 93
78) Pyrene	12.54	202	1239192	27.977	nq	100
80) Butylbenzylphthalate	13.17	149	562480	28.776	nq	95
81) Benzo(a)anthracene	13.72	228	1165062	28.172	nq	100
82) 3,3'-Dichlorobenzidine	13.68	252	265594	17.784	nq	97
83) Chrysene	13.75	228	1106736	29.215	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	781721	30.521	nq	99
85) Di-n-octyl phthalate	14.35	149	1334618	31.013	nq	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	1360325	30.347	nq	99
88) Benzo(b)fluoranthene	14.72	252	1237794	28.810	nq	100
89) Benzo(k)fluoranthene	14.74	252	1139778	29.582	nq	98
90) Benzo(a)pyrene	15.04	252	1186829	30.648	nq	98
91) Dibenzo(a,h)anthracene	16.38	278	1136320	31.432	nq	99
92) Benzo(g,h,i)perylene	16.74	276	1114468	30.459	nq	99

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



#1

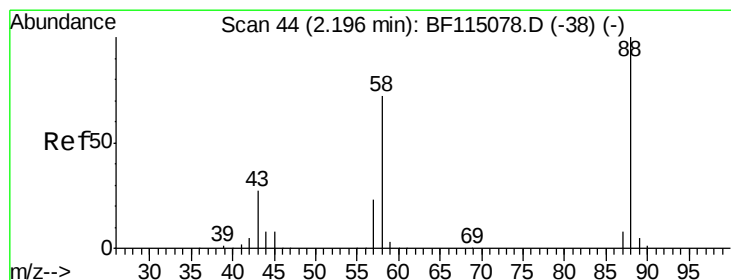
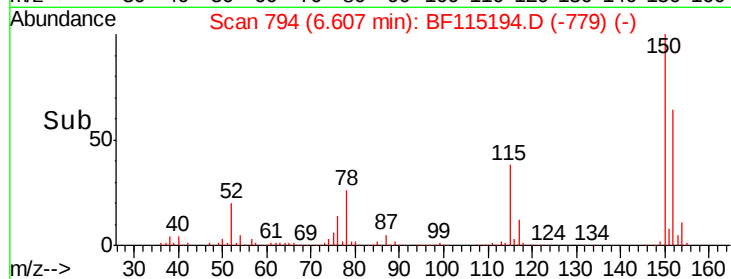
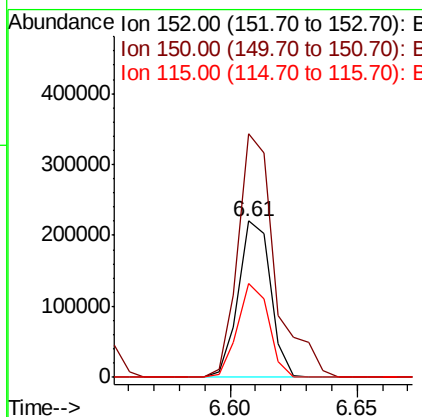
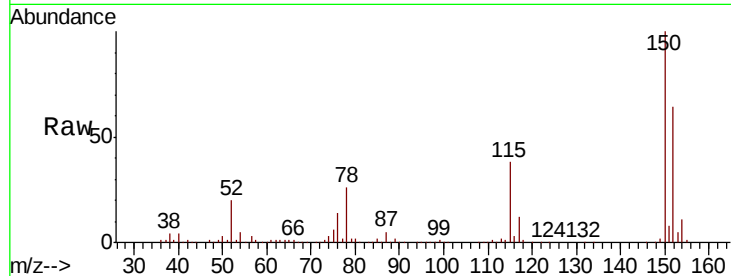
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	59.9	46.1	69.1

Manual Integrations
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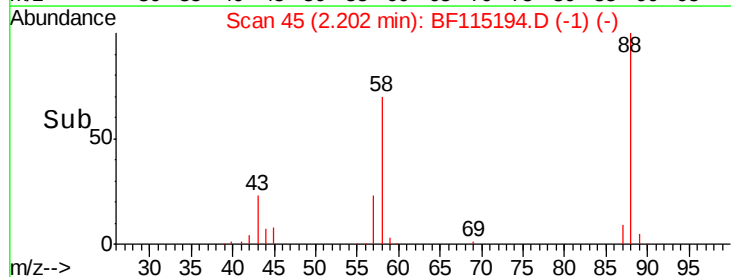
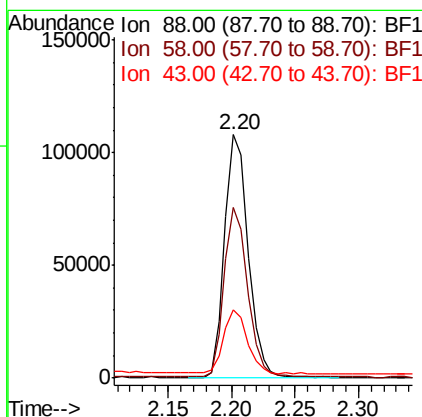
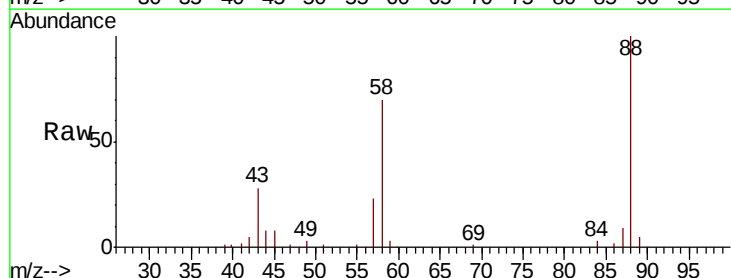
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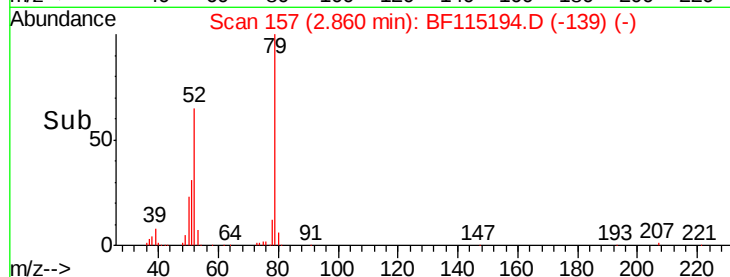
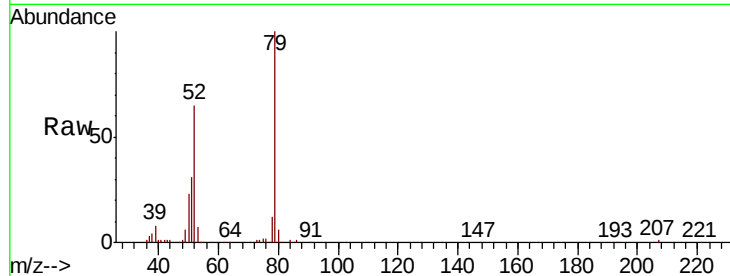
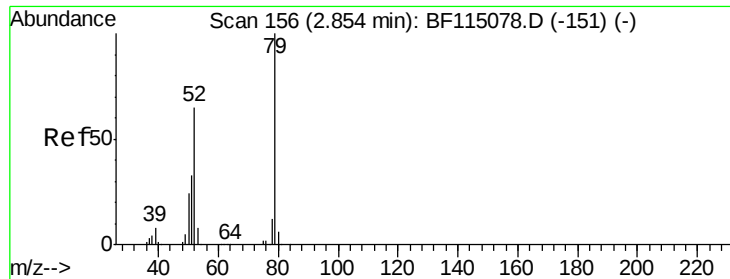


#2

1,4-Dioxane
Concen: 23.546 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	56.1	84.1
43	26.7	21.3	31.9





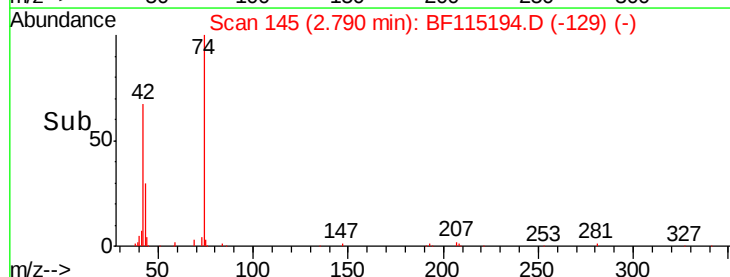
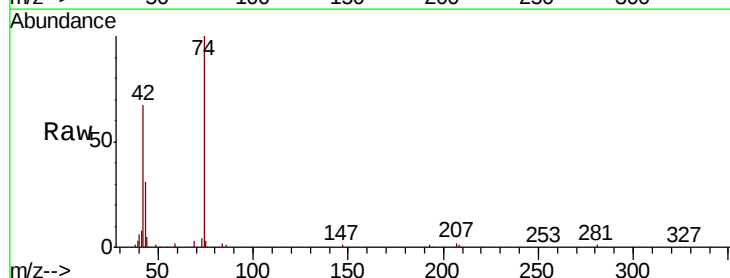
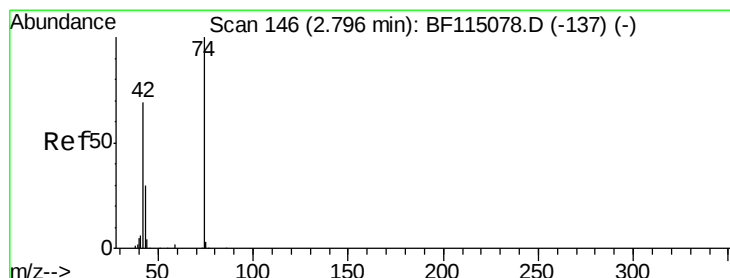
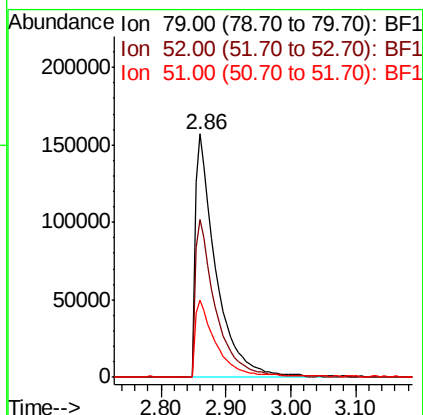
#3
Pvridine
Concen: 20.345 ng
RT: 2.86 min Scan# 157
Delta R.T. 0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.3	78.5
51	31.5	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

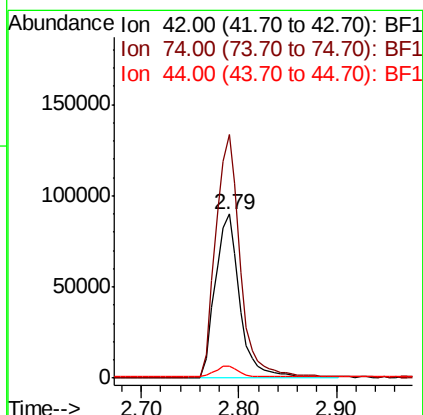
Manual Integrations
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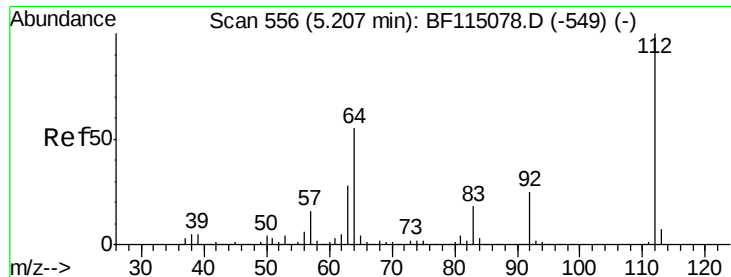
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#4
n-Nitrosodimethylamine
Concen: 23.920 ng
RT: 2.79 min Scan# 145
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.5	116.6	175.0
44	7.3	5.3	7.9





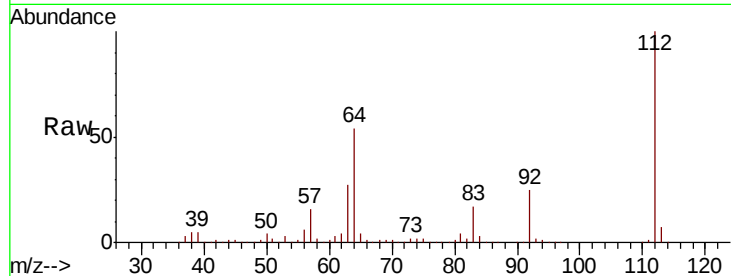
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2-Fluorophenol
Concen: 86.330 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

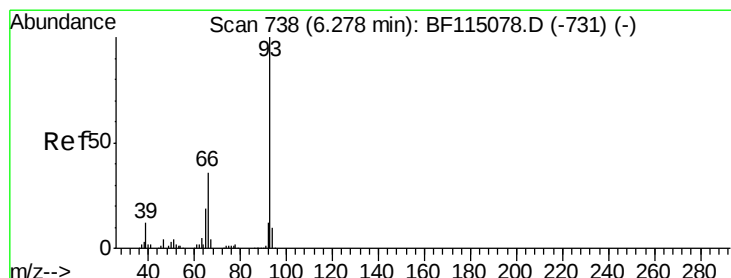
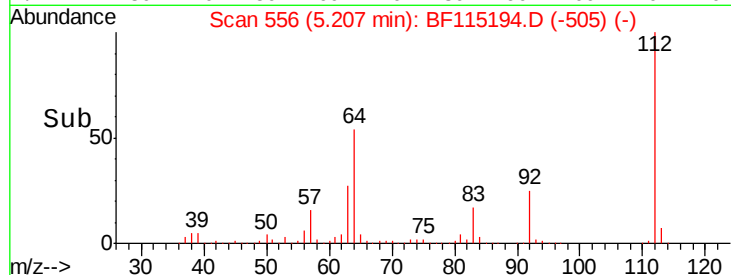
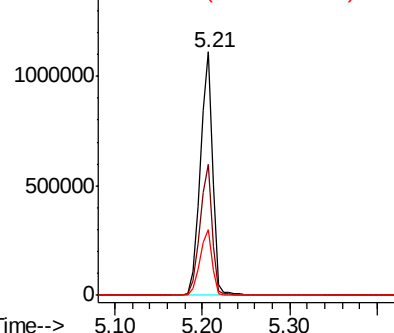
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.8	65.6
63	26.9	22.2	33.4

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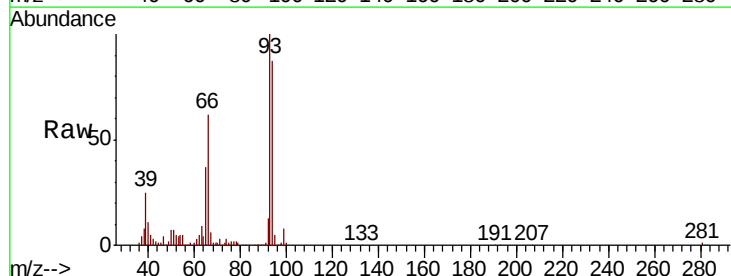


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

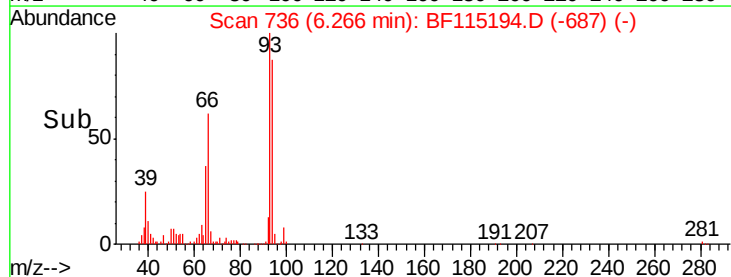
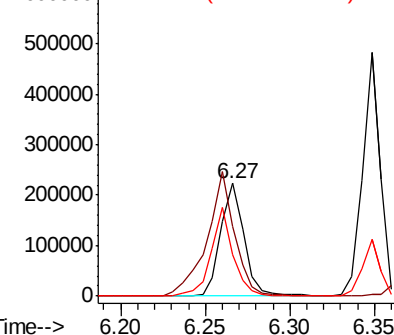


#6
Aniline
Concen: 10.197 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
93	100		
66	61.5	30.0	45.0#
65	36.5	15.6	23.4#



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





#7

Phenol-d6

Concen: 87.975 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

Tot Ion: 99 Resp: 1351040

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

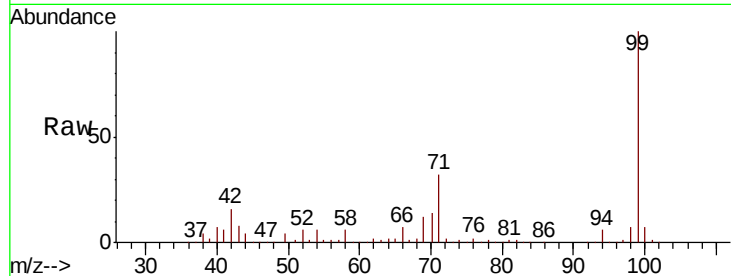
71 31.6 25.5 38.3

Manual Integrations

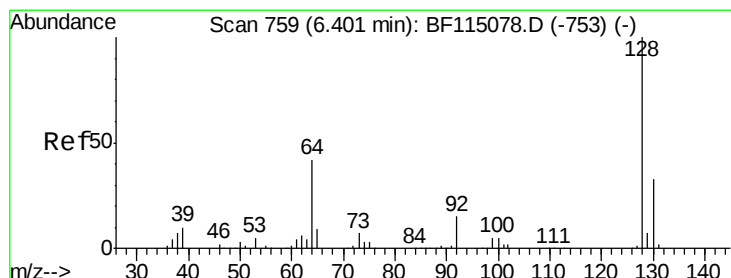
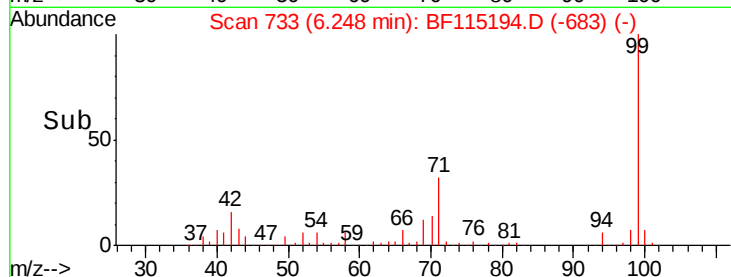
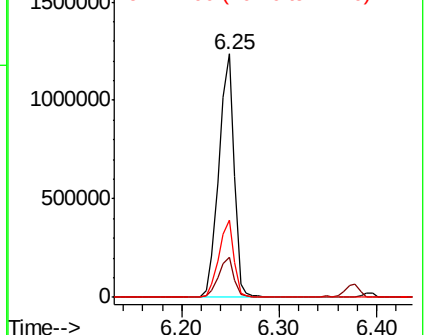
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.885 ng

RT: 6.39 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

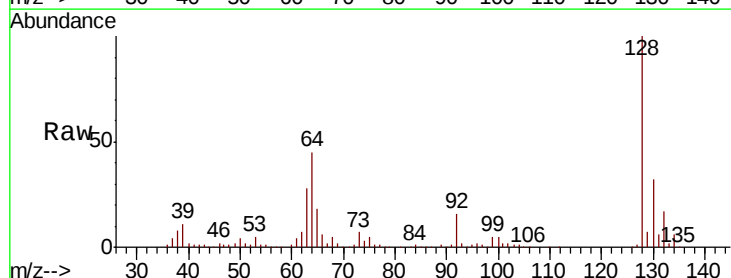
Tgt Ion:128 Resp: 382497

Ion Ratio Lower Upper

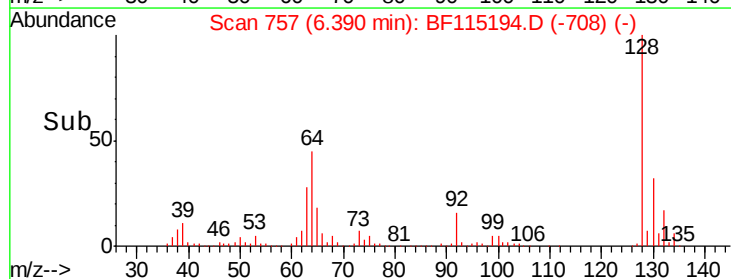
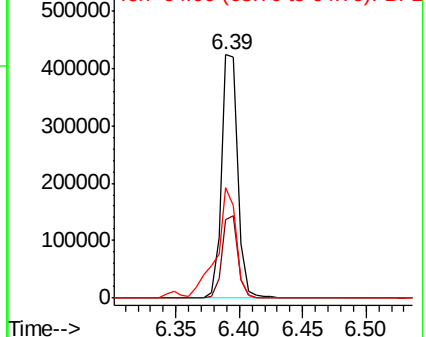
128 100

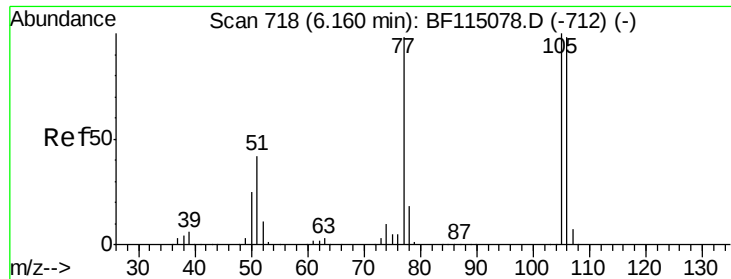
130 32.4 12.9 52.9

64 45.4 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: 25.462 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

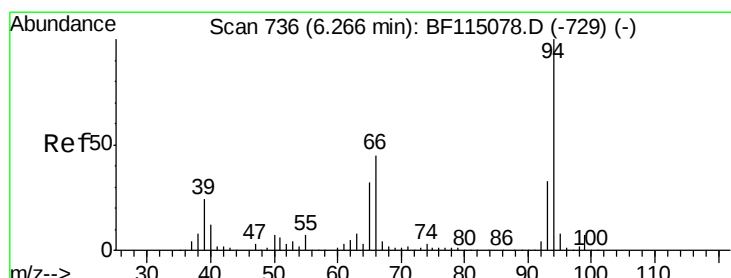
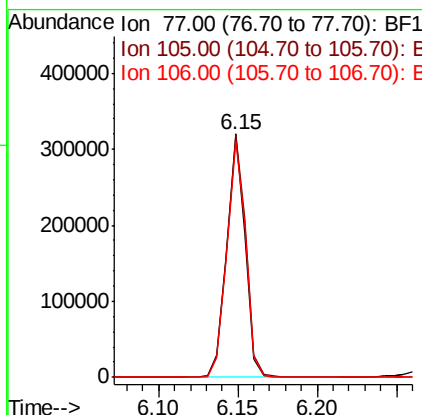
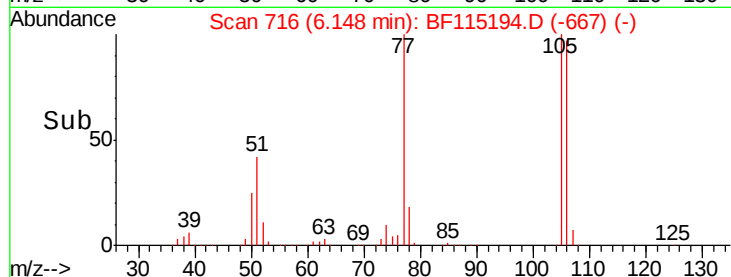
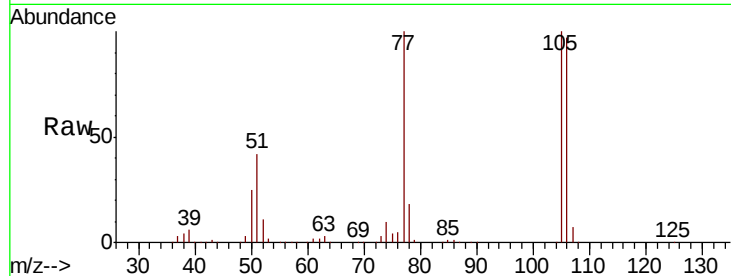
ClientSampleId :

SAMPLE-4MS

Tot Ion:	77	Resp:	255108
Ion	Ratio	Lower	Upper
77	100		
105	99.5	81.5	121.5
106	96.9	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 25.354 ng

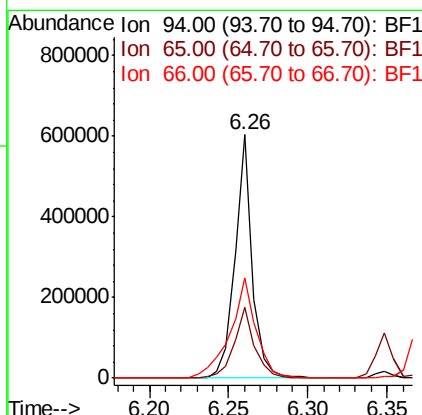
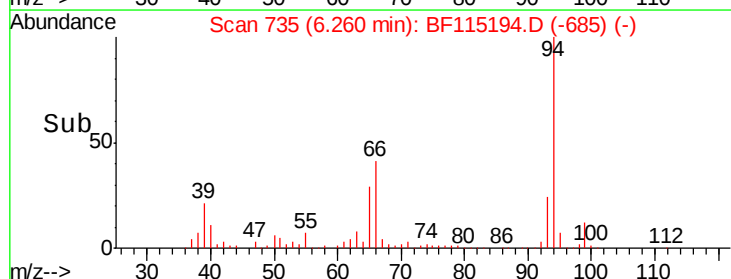
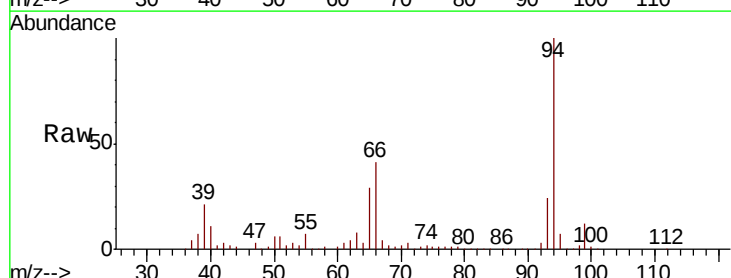
RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Tgt Ion:	94	Resp:	456085
Ion	Ratio	Lower	Upper
94	100		
65	29.1	11.9	51.9
66	41.0	25.2	65.2





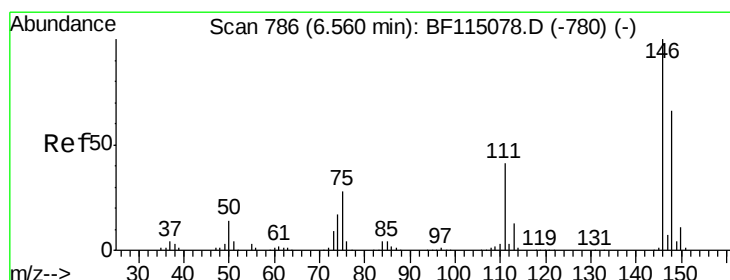
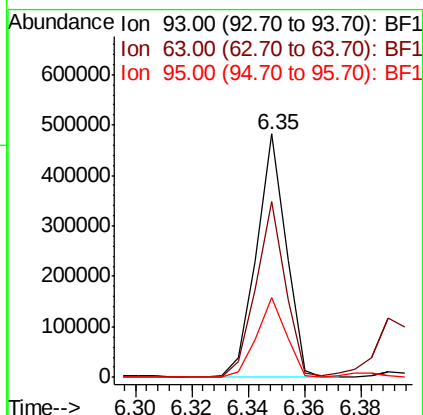
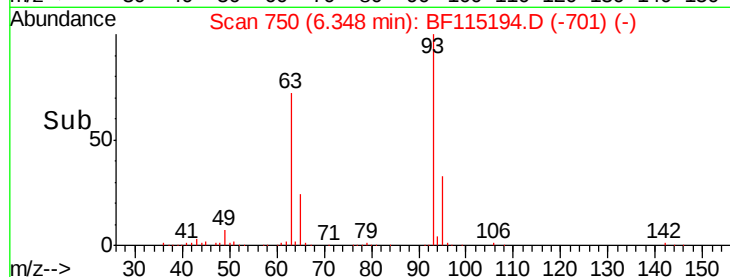
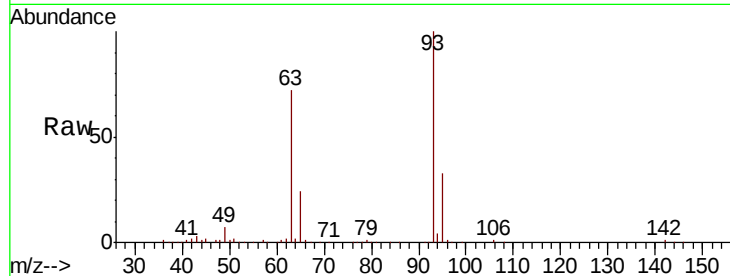
#11
bis(2-Chloroethyl)ether
Concen: 26.404 ng
RT: 6.35 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	51.5	91.5
95	32.5	13.4	53.4

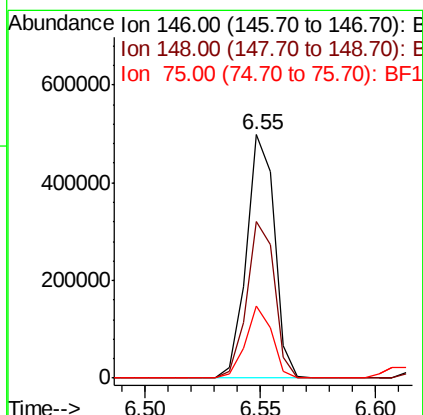
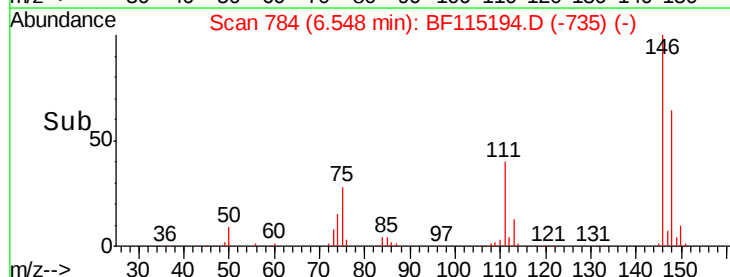
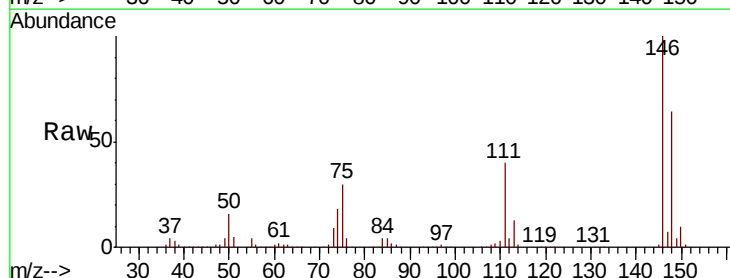
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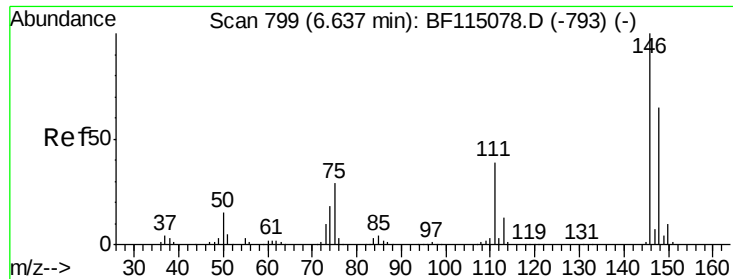
mohammad
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#12
1,3-Dichlorobenzene
Concen: 26.811 ng
RT: 6.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
75	29.7	22.6	34.0





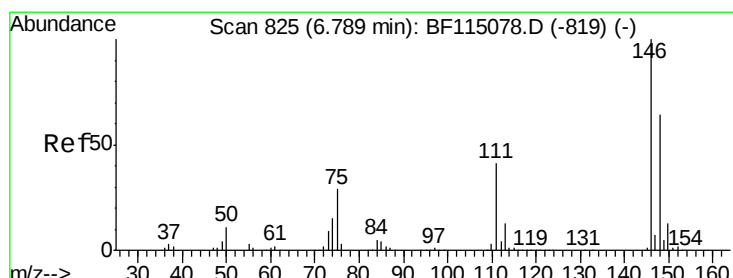
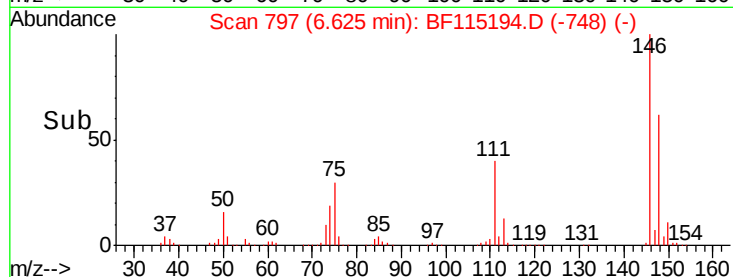
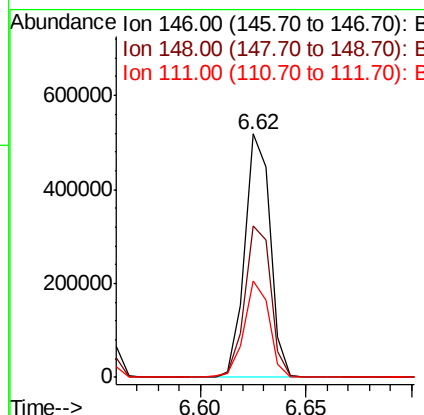
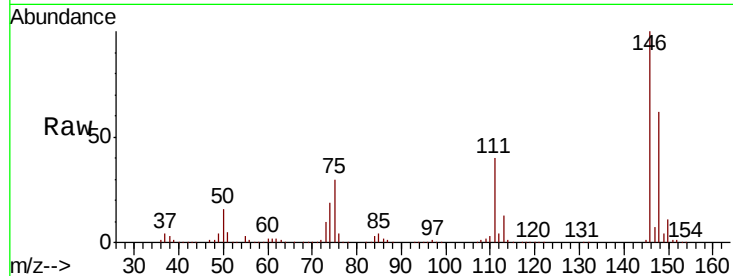
#13
 1,4-Dichlorobenzene
 Concen: 27.237 ng
 RT: 6.62 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.9	77.9
111	39.5	31.4	47.0

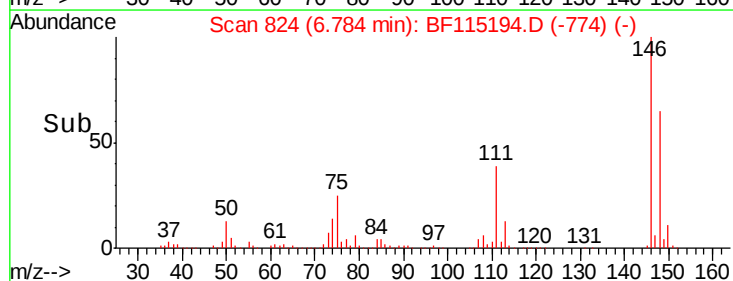
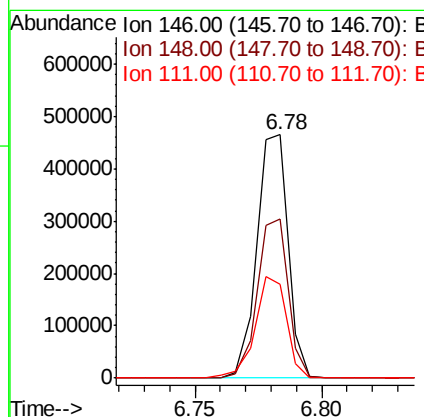
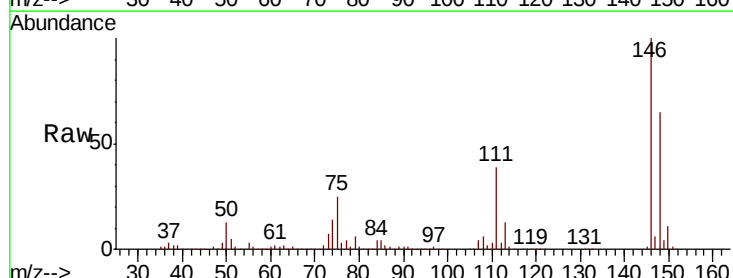
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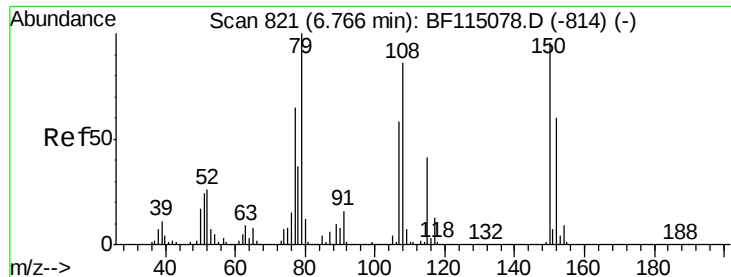
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#14
 1,2-Dichlorobenzene
 Concen: 27.462 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	38.7	33.2	49.8





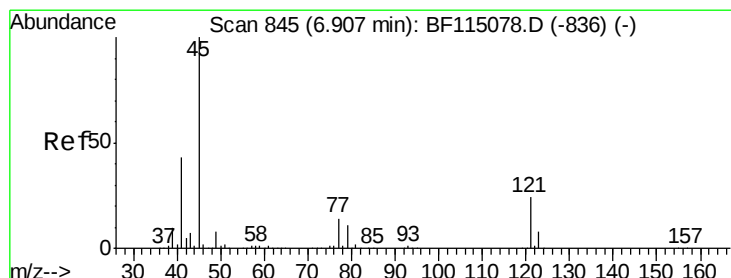
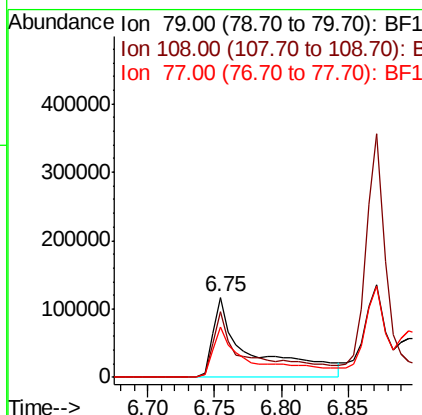
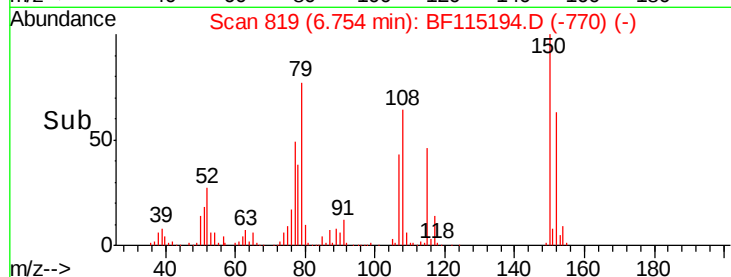
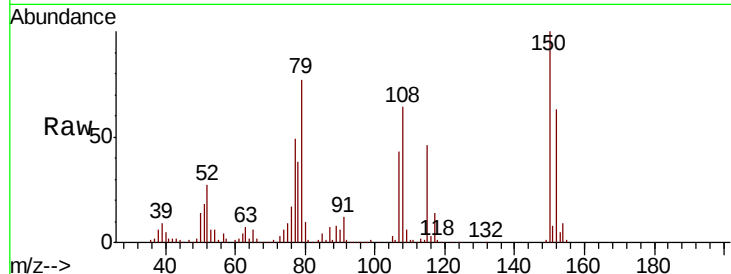
#15
Benzyl Alcohol
Concen: 20.839 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	68.7	103.1
77	62.7	51.7	77.5

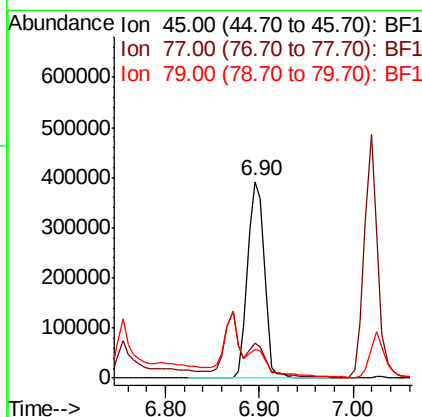
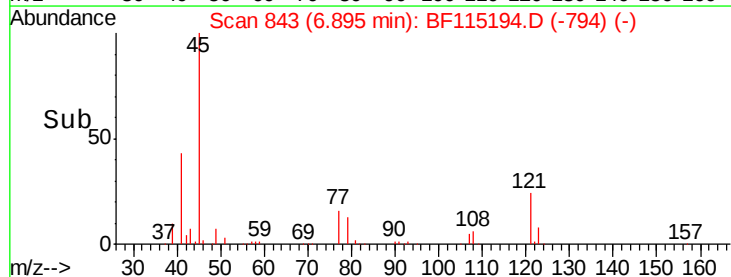
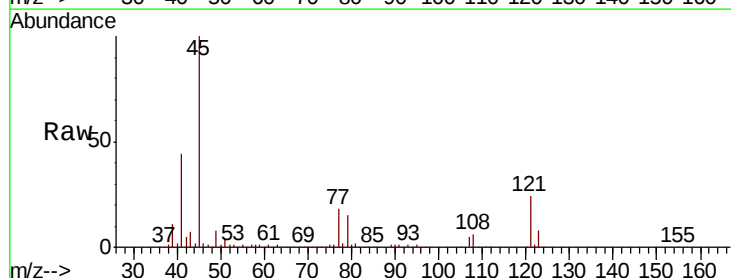
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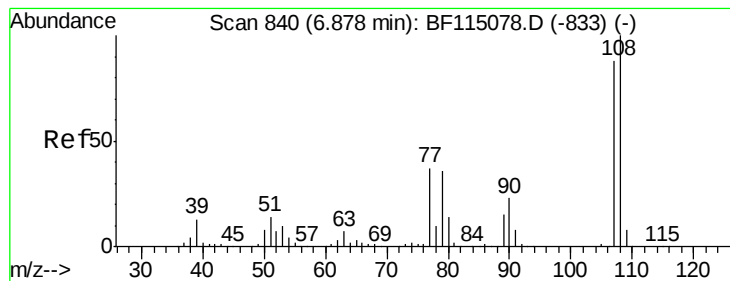
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#16
2,2'-oxybis(1-chloropropane)
Concen: 25.233 ng
RT: 6.90 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	34.6
79	14.7	0.0	31.2





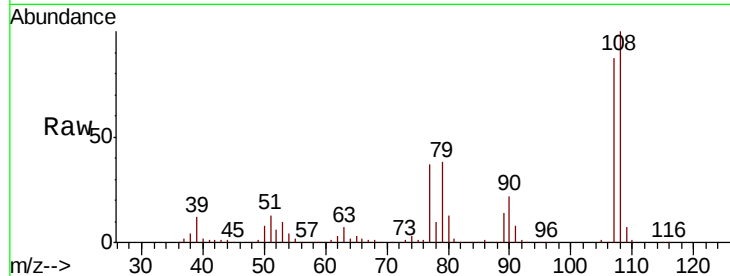
#17
2-Methylphenol
Concen: 29.020 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	340789		
108	114.7	90.9	136.3	
77	42.9	33.4	50.2	
79	43.3	32.3	48.5	

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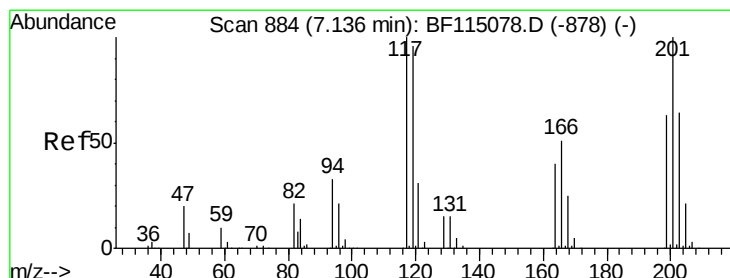
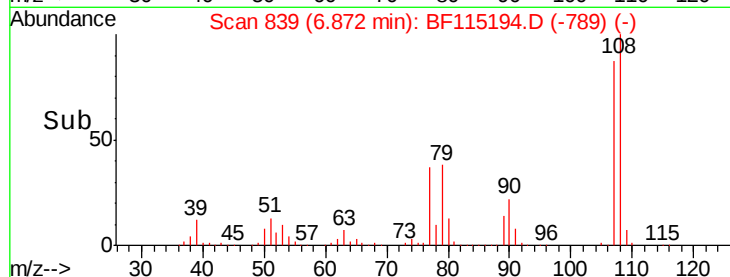
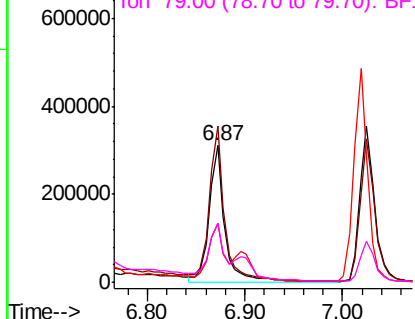
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

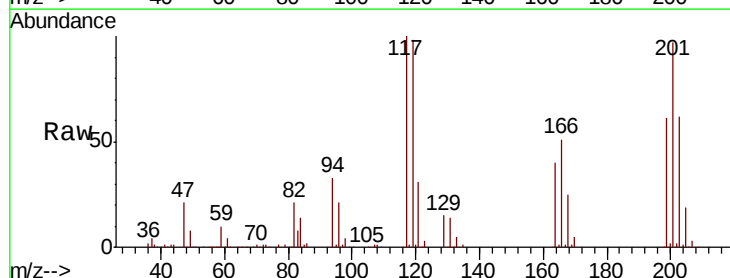
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 25.998 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	148399		
119	97.9	76.6	114.8	
201	97.1	80.2	120.2	

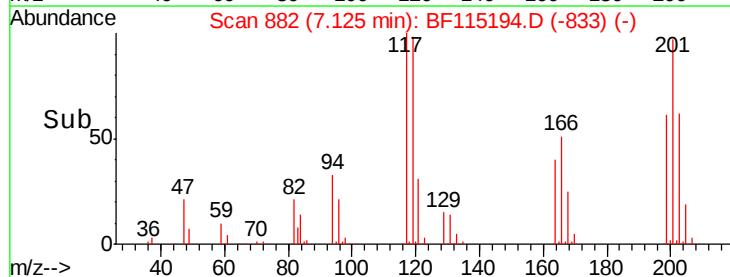
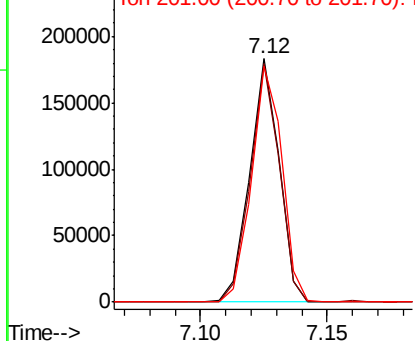


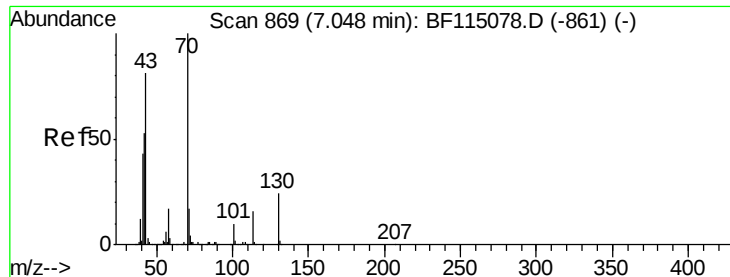
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





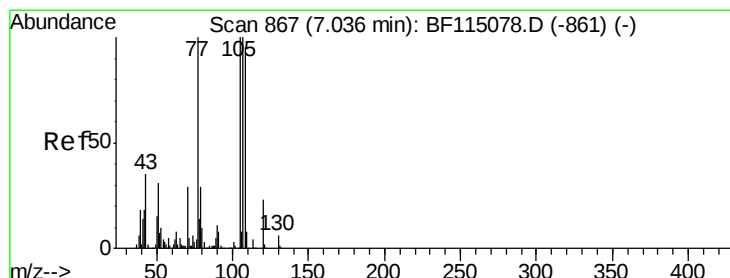
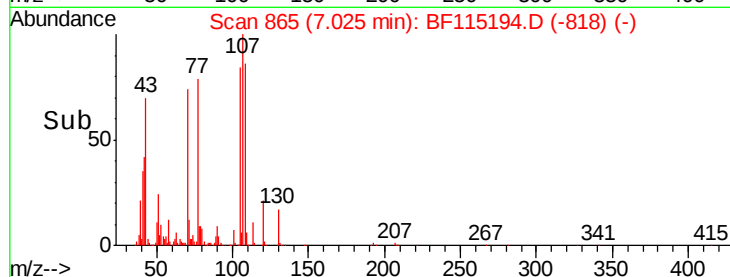
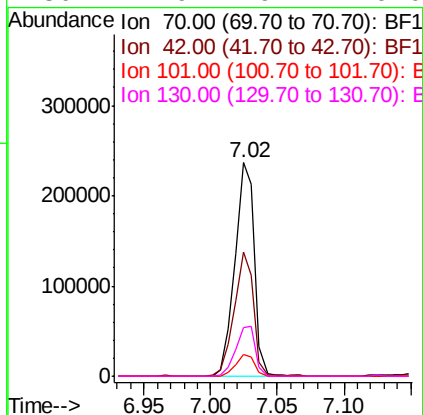
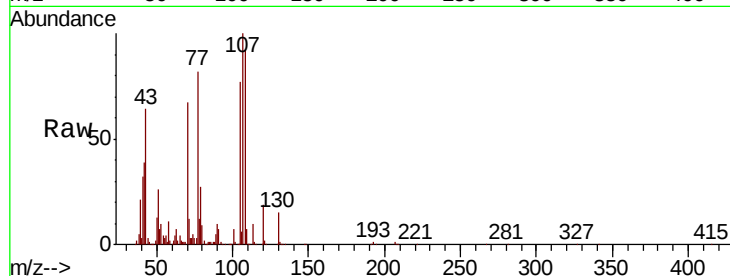
#19
n-Nitroso-di-n-propylamine
Concen: 24.655 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.9	42.6	63.8		
101	10.0	8.0	12.0		
130	22.9	19.4	29.0		

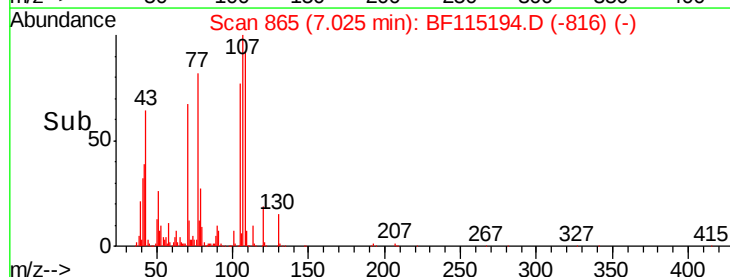
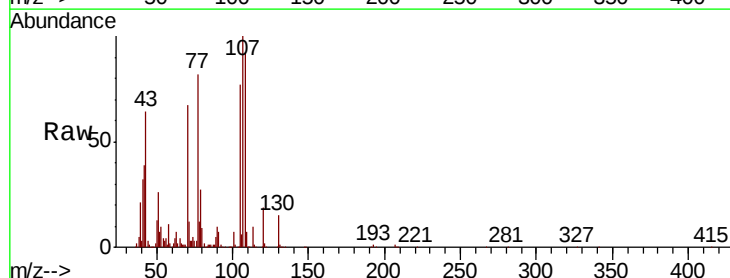
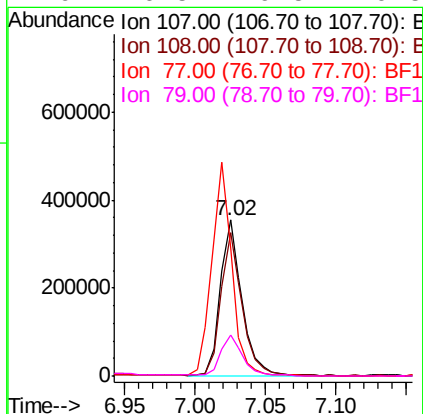
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#20
3+4-Methylphenols
Concen: 27.389 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.7	75.5	115.5		
77	82.5	80.2	120.2		
79	26.5	9.5	49.5		





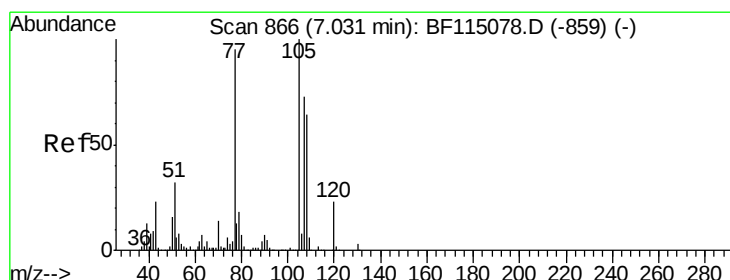
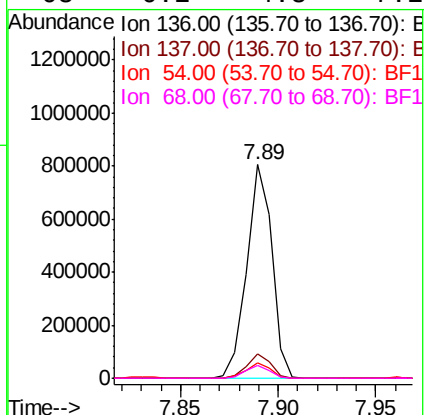
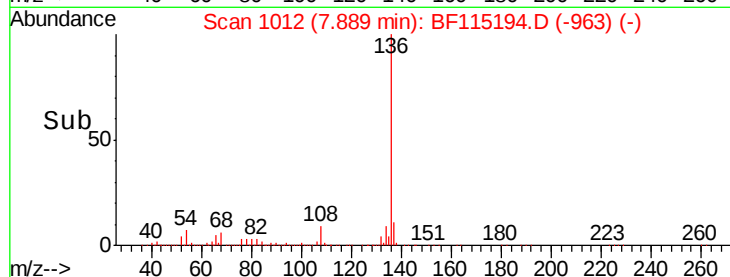
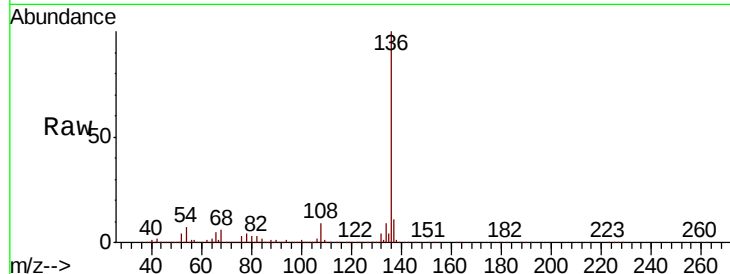
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		721848		
137	11.4		8.9	13.3	
54	7.3		5.6	8.4	
68	6.2		4.8	7.2	

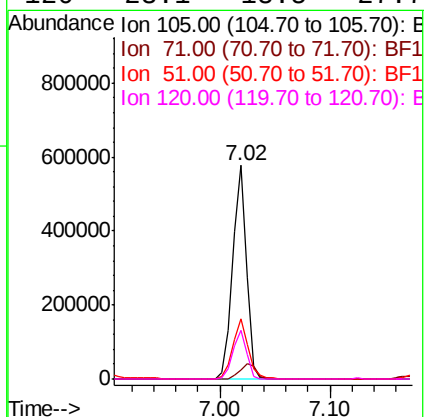
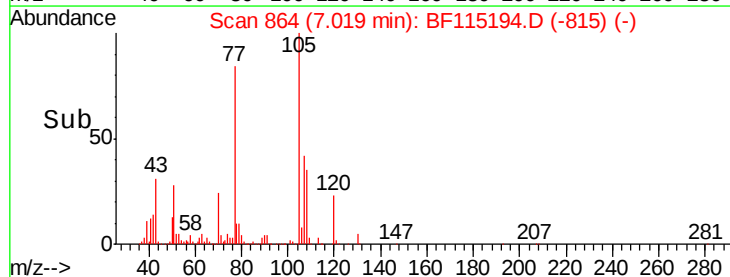
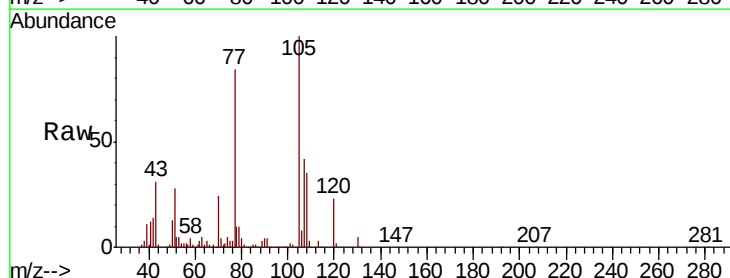
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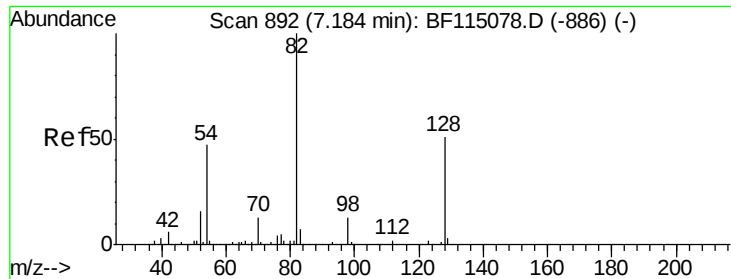
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#22
Acetophenone
Concen: 30.827 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		509423		
71	4.2		1.9	2.9#	
51	28.0		25.8	38.8	
120	23.1		18.5	27.7	





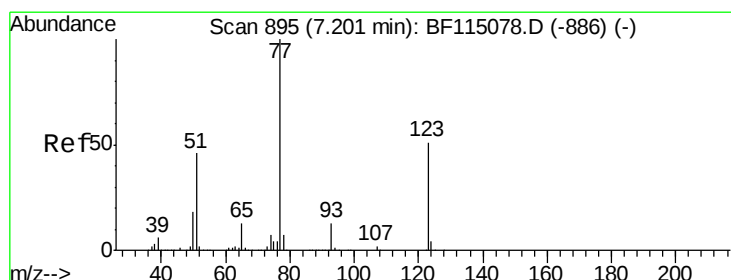
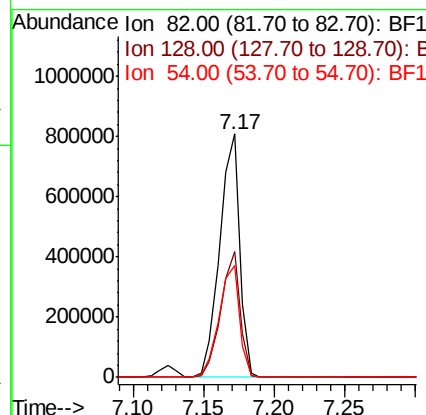
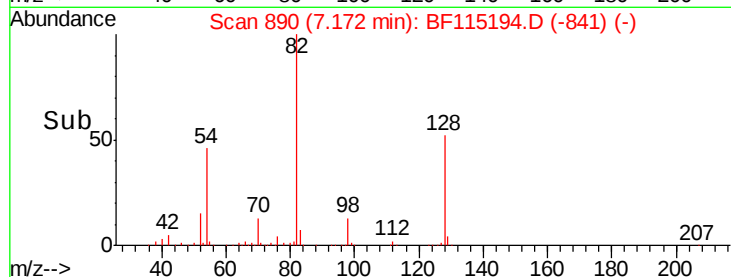
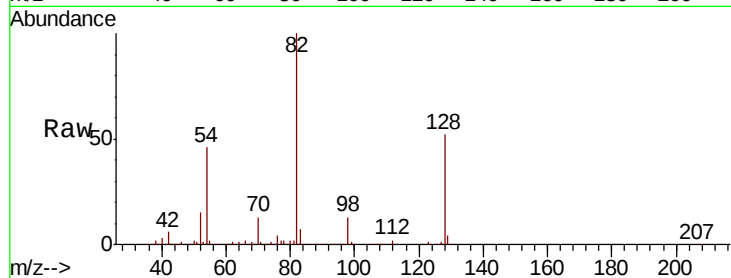
#23
 Nitrobenzene-d5
 Concen: 68.019 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.4	60.6
54	46.1	37.5	56.3

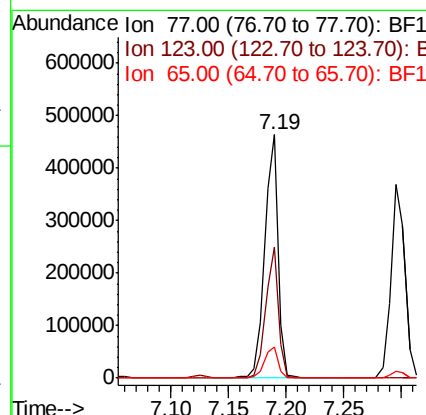
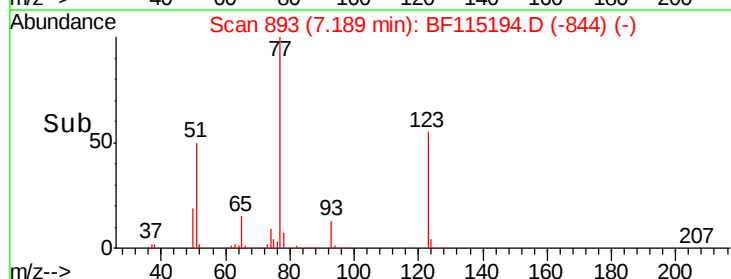
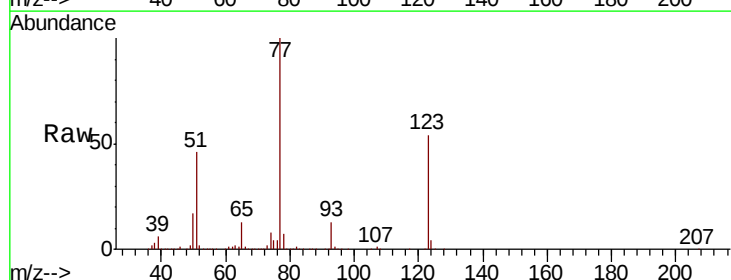
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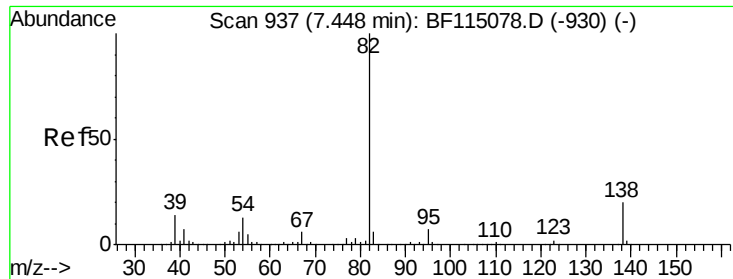
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#24
 Nitrobenzene
 Concen: 29.077 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.6	41.0	61.6
65	13.0	10.5	15.7





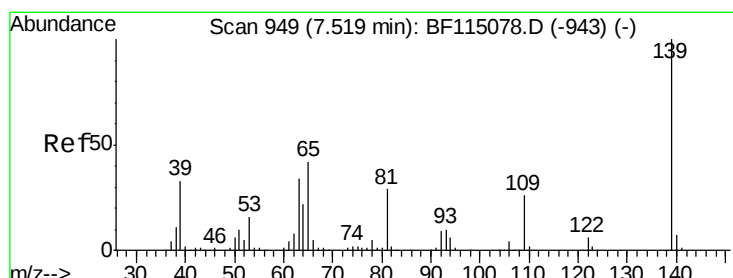
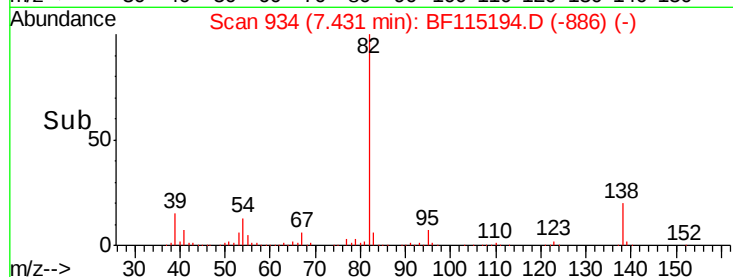
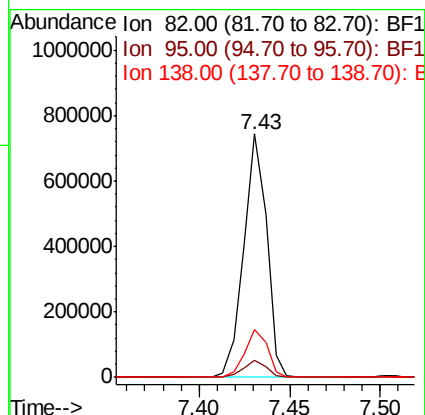
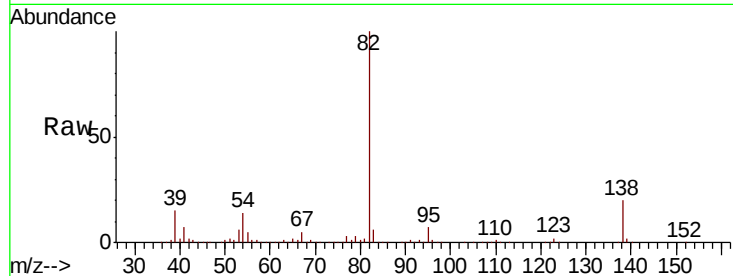
#25
Isophorone
Concen: 27.274 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	655636		
95	6.8	5.4	8.2	
138	19.5	15.9	23.9	

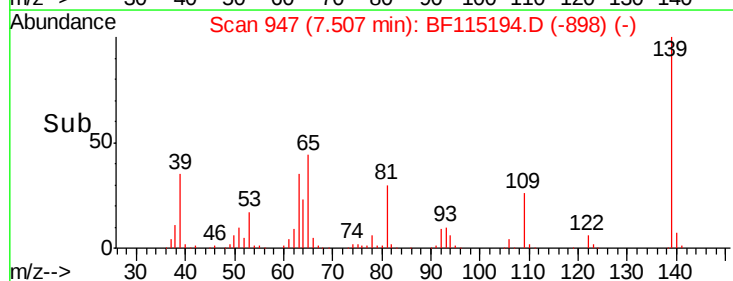
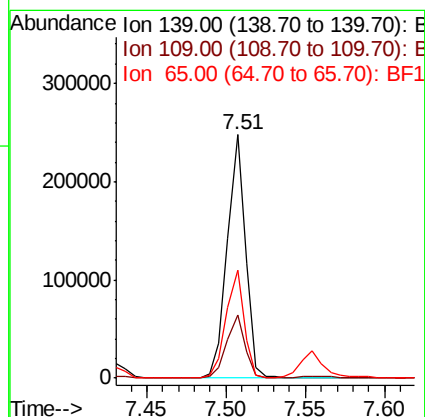
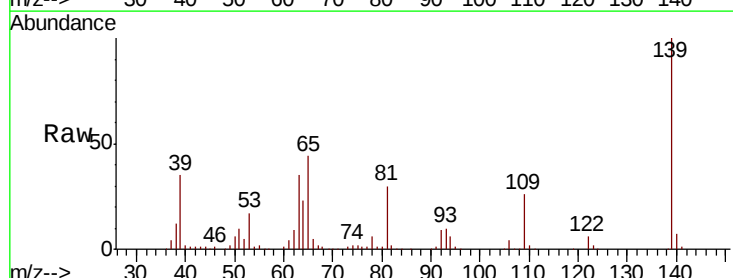
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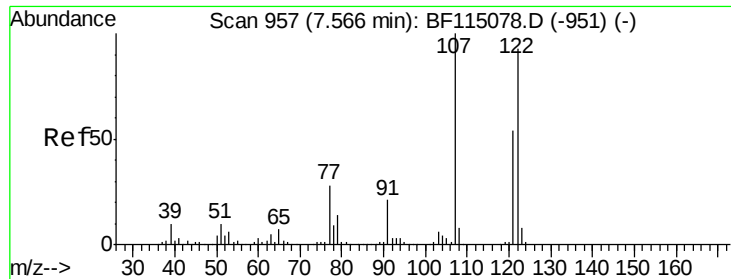
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#26
2-Nitrophenol
Concen: 31.204 ng
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	199213		
109	26.0	20.4	30.6	
65	44.4	33.6	50.4	





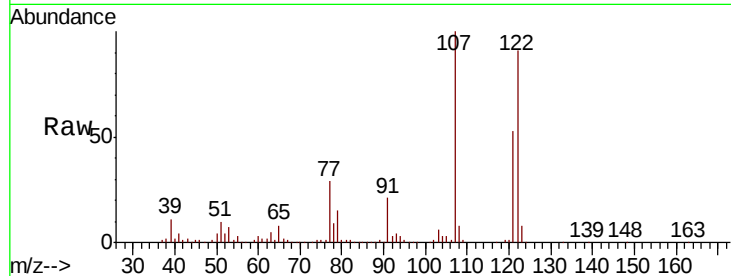
#27
 2,4-Dimethylphenol
 Concen: 31.494 ng
 RT: 7.55 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	85.8	128.6
121	58.5	46.3	69.5

Manual Integrations
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 6/26/2019 2:03:27 PM

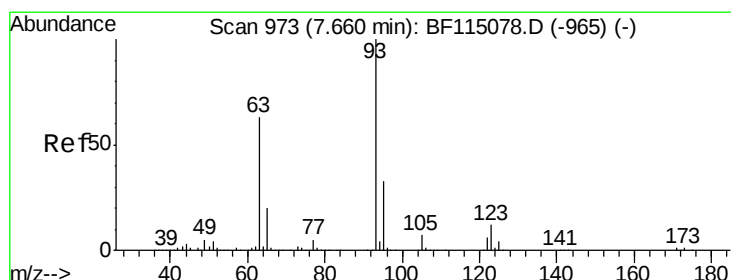
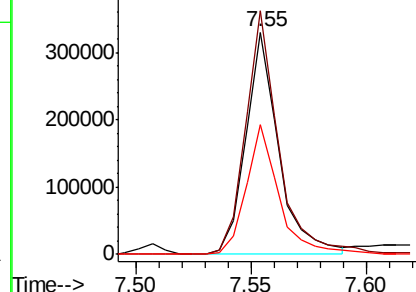
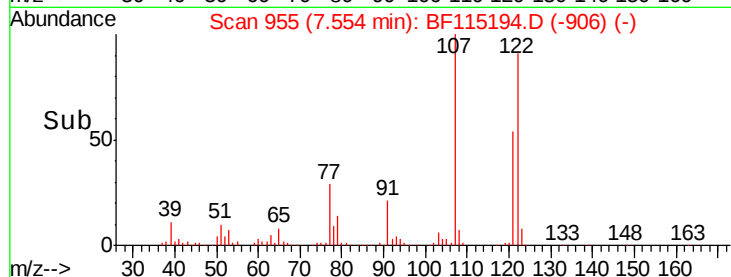


Abundance

Ion 122.00 (121.70 to 122.70): E

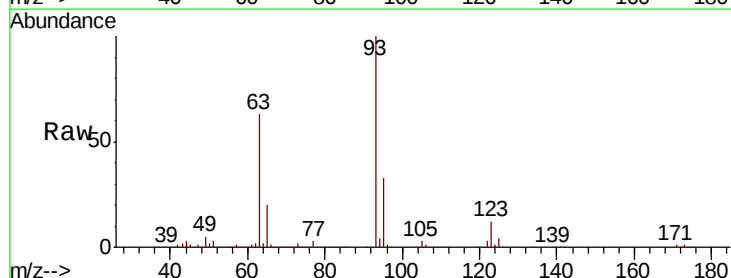
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.374 ng
 RT: 7.65 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.0	9.7	14.5

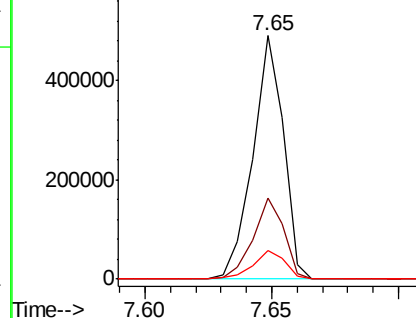
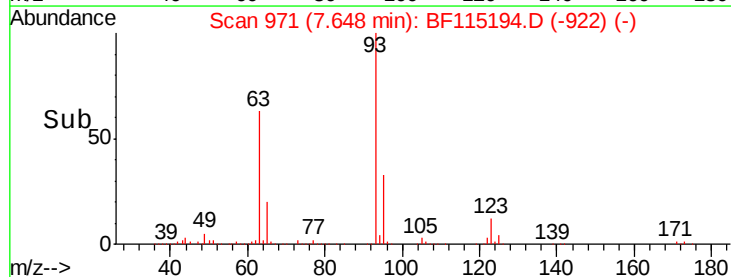


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





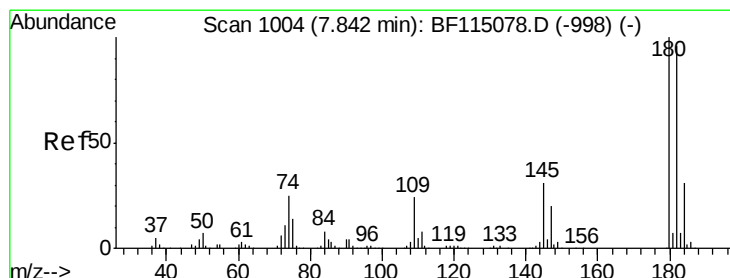
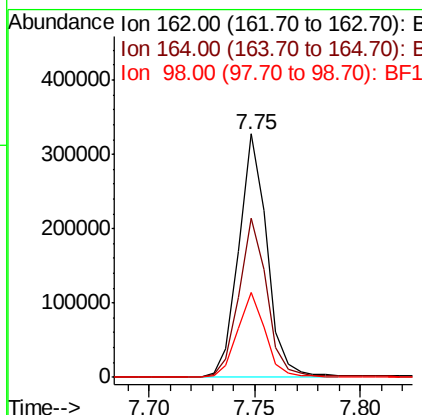
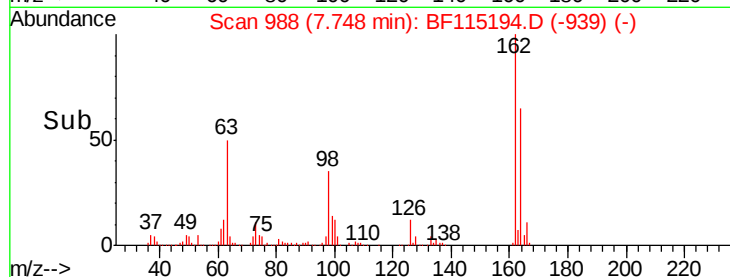
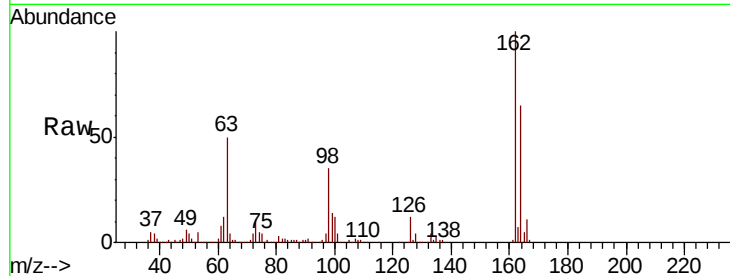
#29
2,4-Dichlorophenol
Concen: 28.197 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	304171		
164	65.2	45.3	85.3	
98	34.9	12.5	52.5	

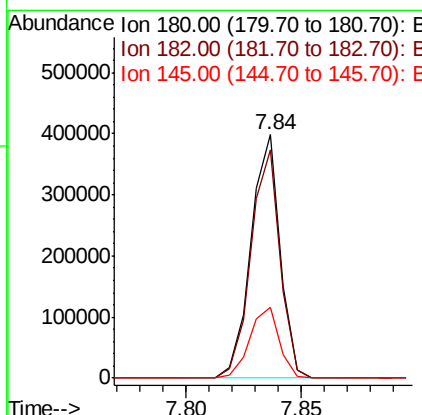
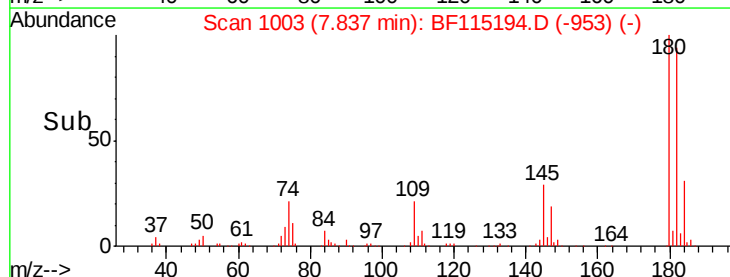
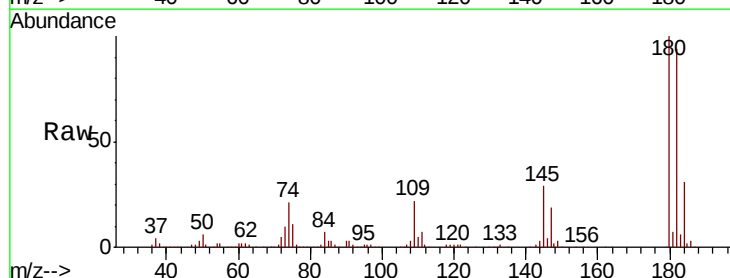
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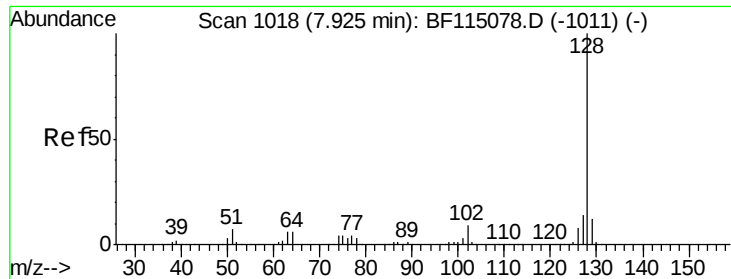
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6/26/2019 2:03:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 29.443 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	350828		
182	93.8	76.4	114.6	
145	28.9	24.8	37.2	





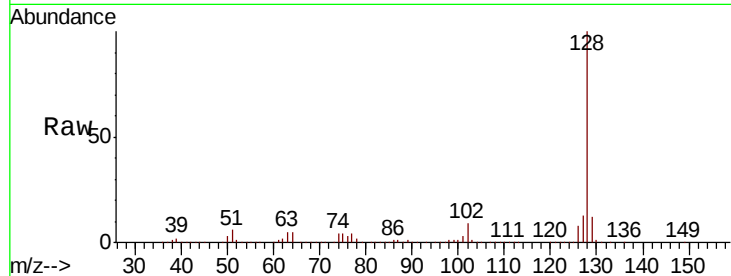
#31
Naphthalene
Concen: 30.604 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

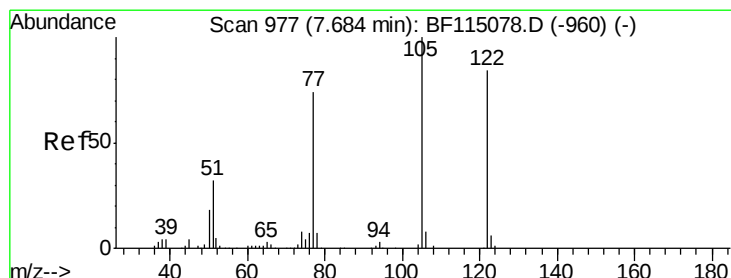
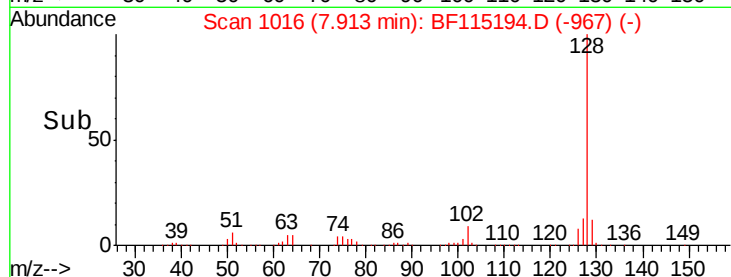
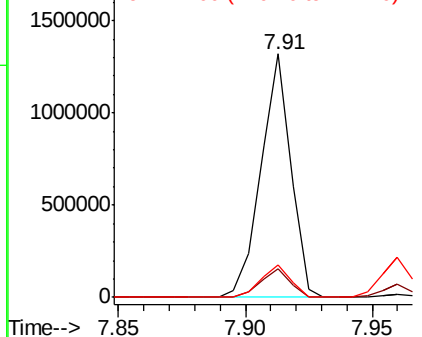
Tot Ion:128 Resp: 1084406
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.4 11.4 17.0

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6/26/2019 2:03:27 PM

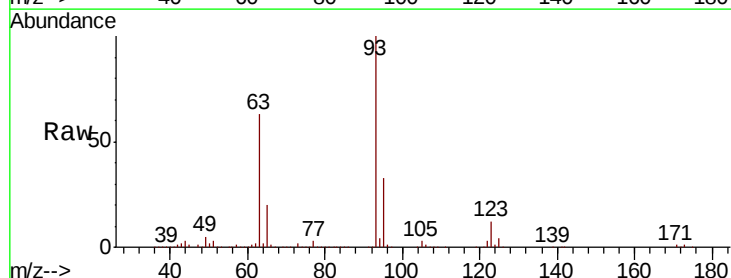


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

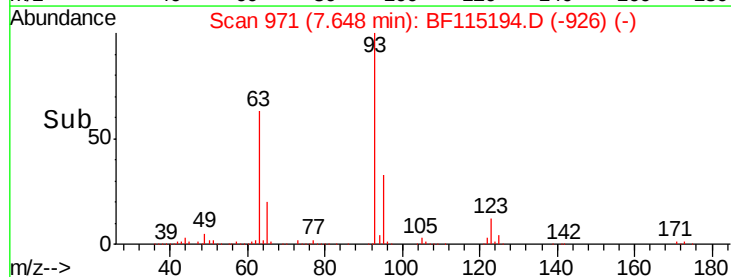
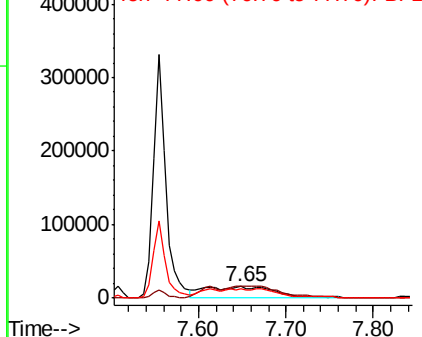


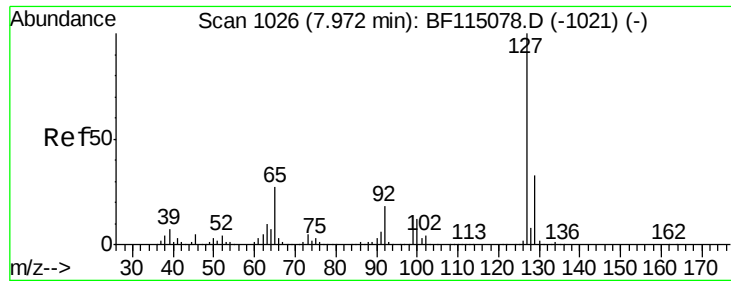
#32
Benzoic acid
Concen: 12.138 ng m
RT: 7.65 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:122 Resp: 90566
Ion Ratio Lower Upper
122 100
105 102.7 98.2 138.2
77 82.1 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





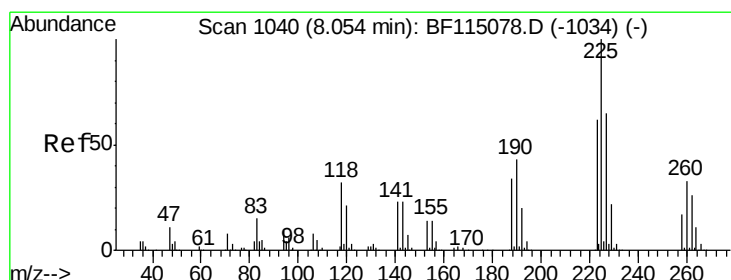
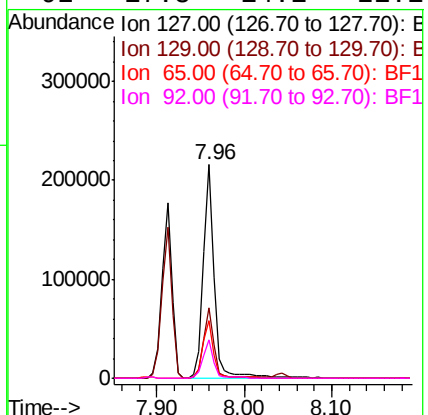
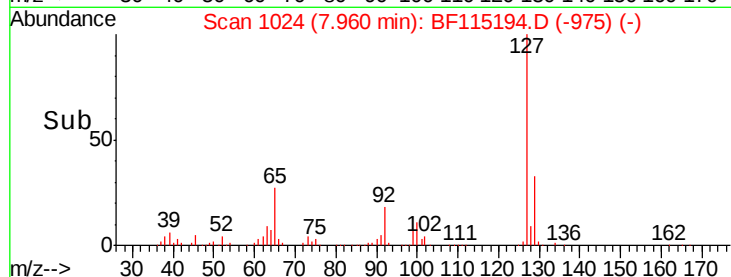
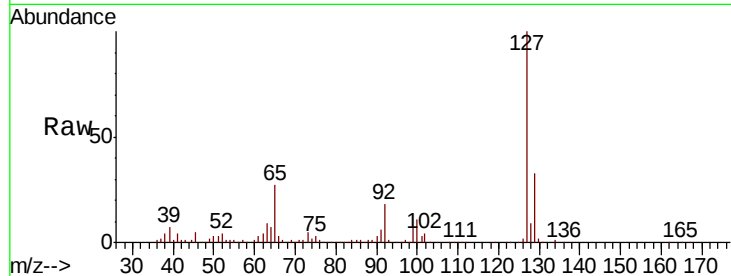
#33
4-Chloroaniline
Concen: 11.829 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.1	39.1	
65	26.9	21.4	32.2	
92	17.8	14.1	21.1	

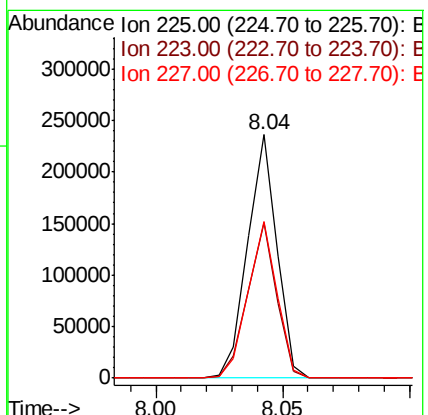
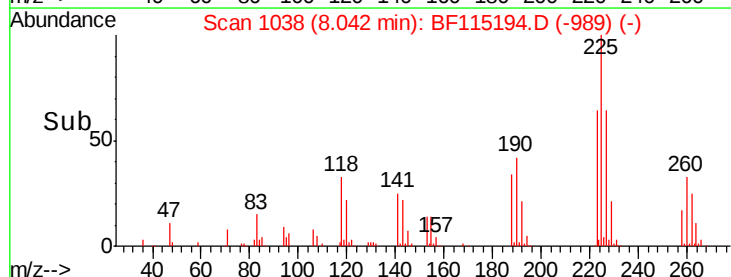
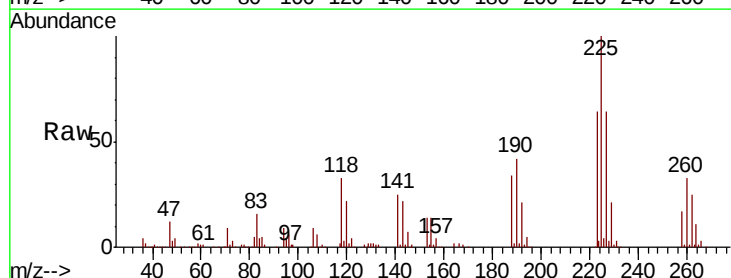
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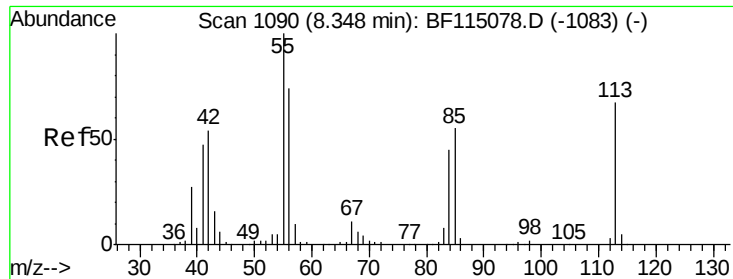
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6/26/2019 2:03:27 PM



#34
Hexachlorobutadiene
Concen: 29.052 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	49.4	74.2	
227	64.5	51.8	77.8	





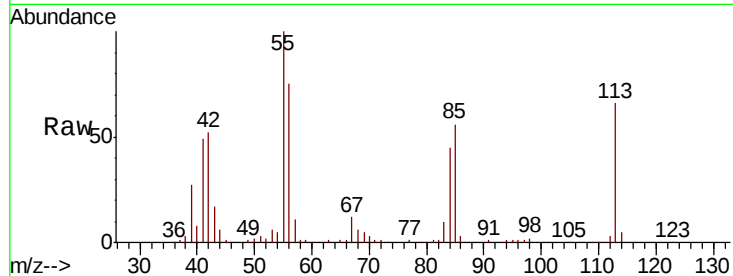
#35
Caprolactam
Concen: 27.347 ng/ml
RT: 8.32 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	150.7	130.2	170.2	
56	113.0	91.6	131.6	

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6/26/2019 2:03:27 PM

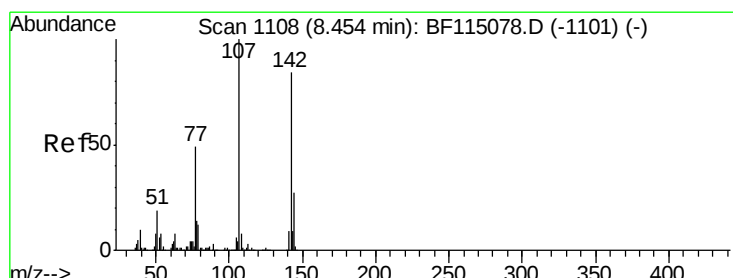
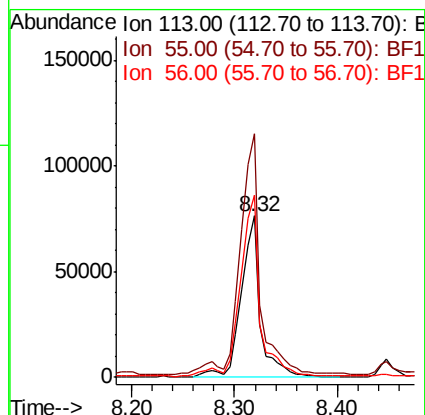
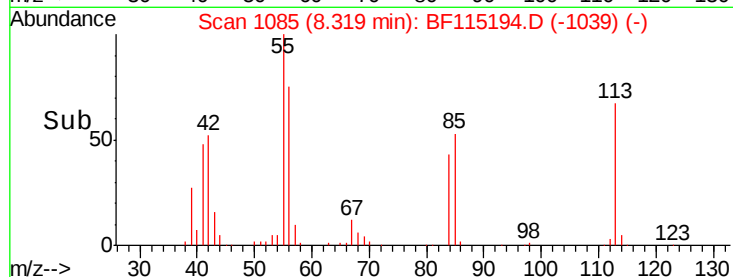


Abundance

Ion 113.00 (112.70 to 113.70): E

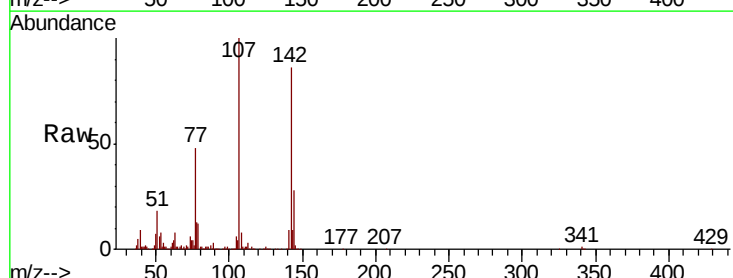
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 27.833 ng/ml
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.5	21.7	32.5	
142	86.4	67.0	100.4	

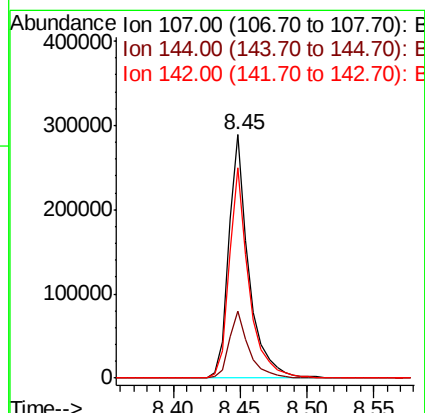
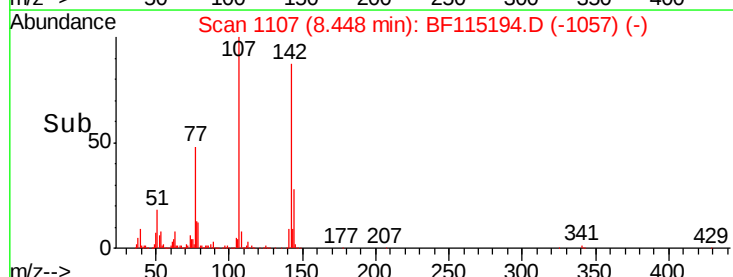


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





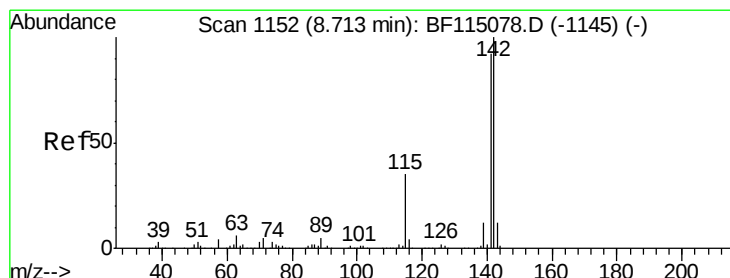
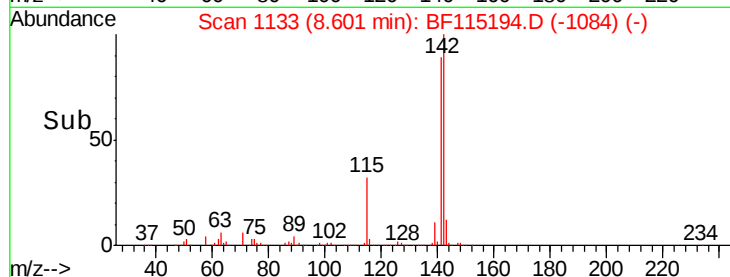
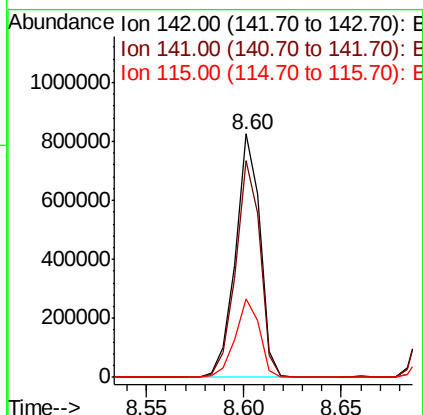
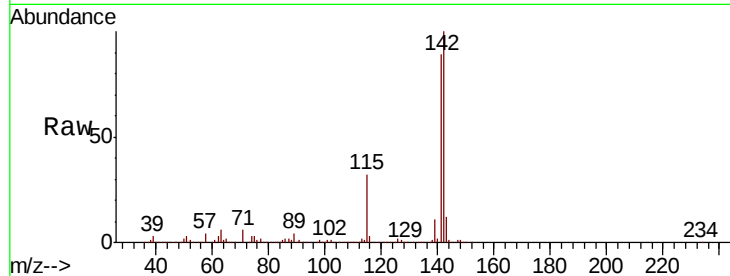
#37
2-Methylnaphthalene
Concen: 30.199 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6
115	32.4	26.7	40.1

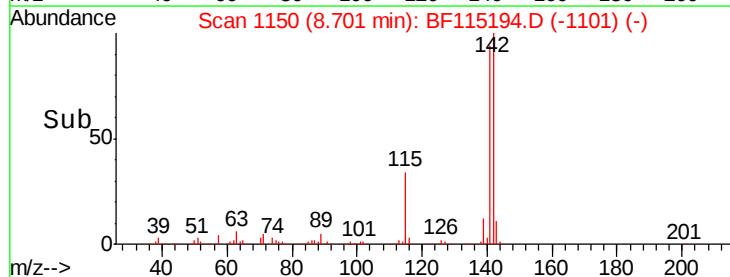
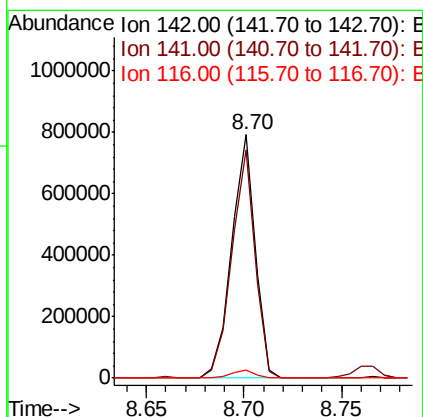
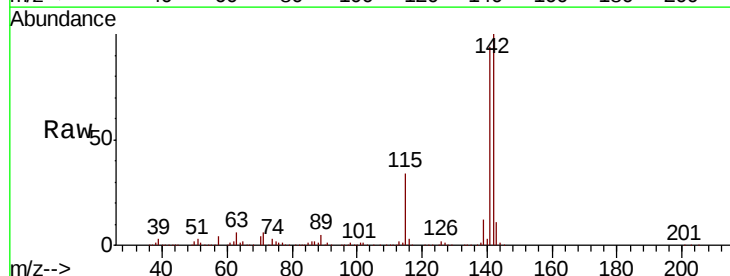
Manual Integrations
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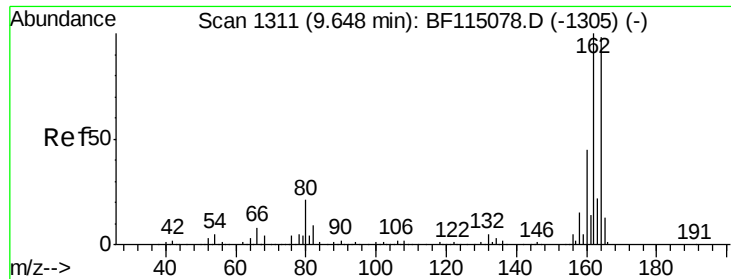
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6/26/2019 2:03:27 PM



#38
1-Methylnaphthalene
Concen: 29.079 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.8	110.8
116	3.5	2.8	4.2





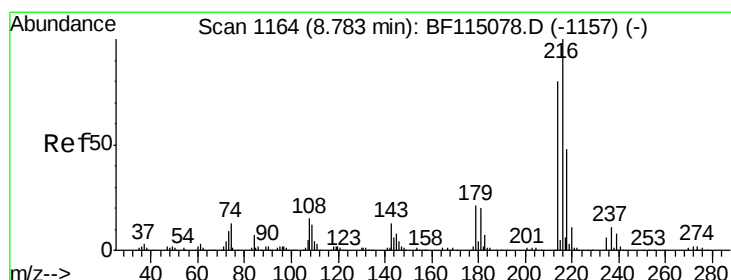
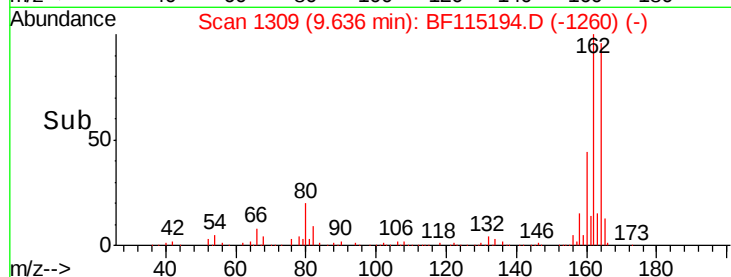
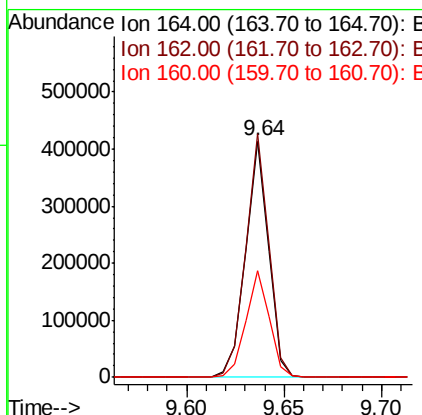
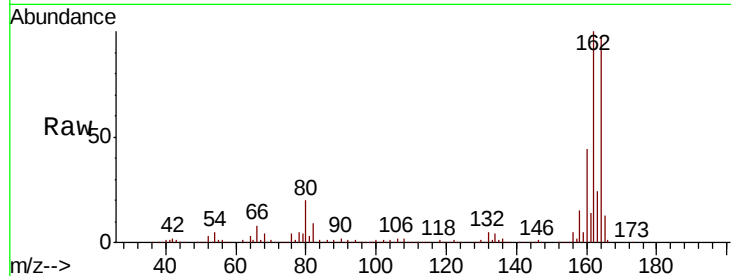
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	81.7	122.5	
160	45.4	37.0	55.4	

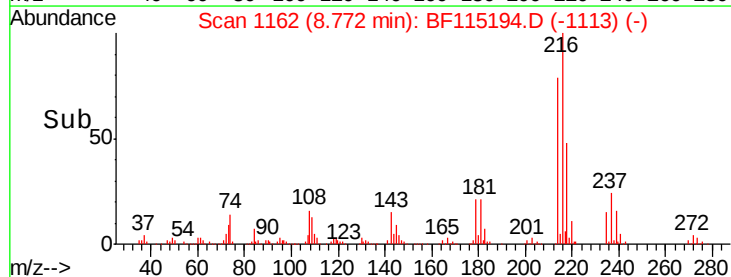
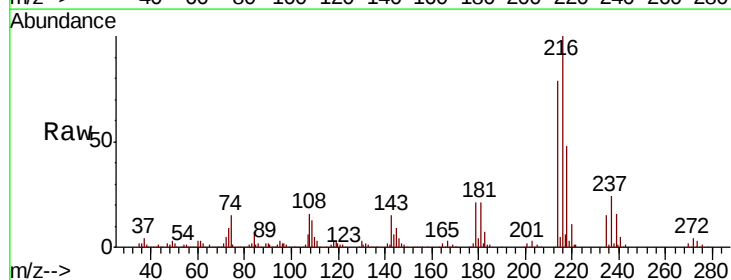
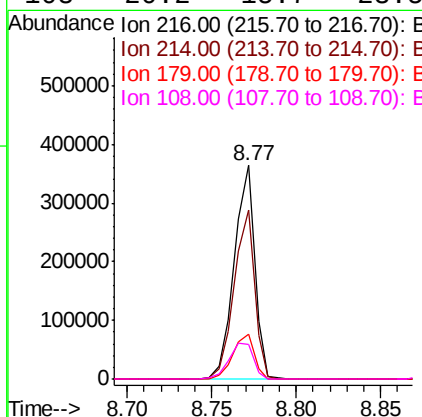
Manual Integrations
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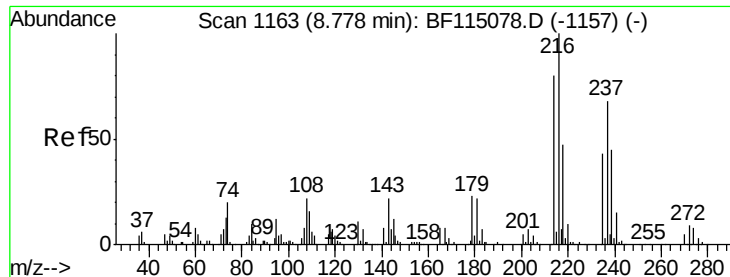
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6/26/2019 2:03:27 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.175 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.8	95.6	
179	21.7	17.6	26.4	
108	20.2	15.7	23.5	





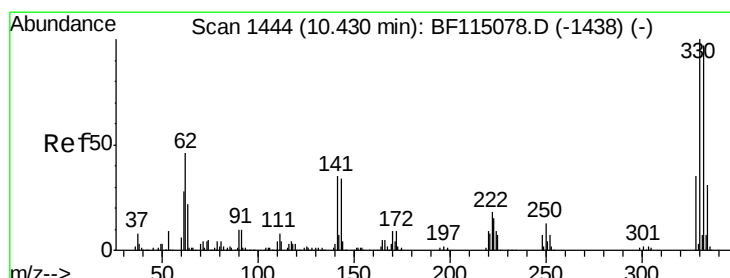
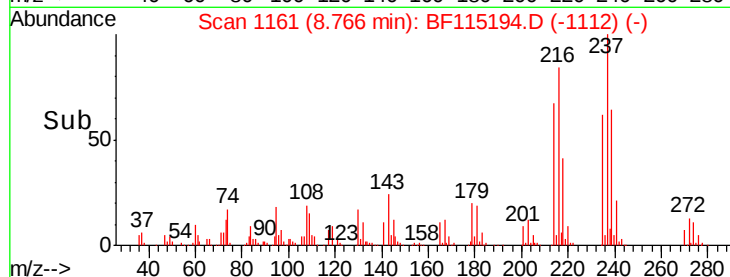
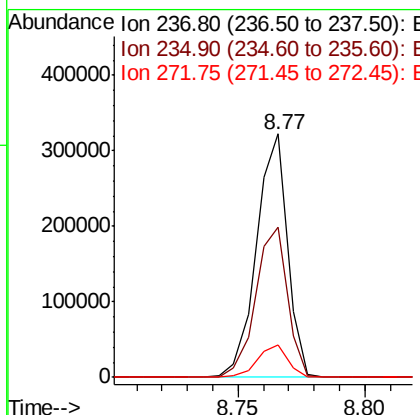
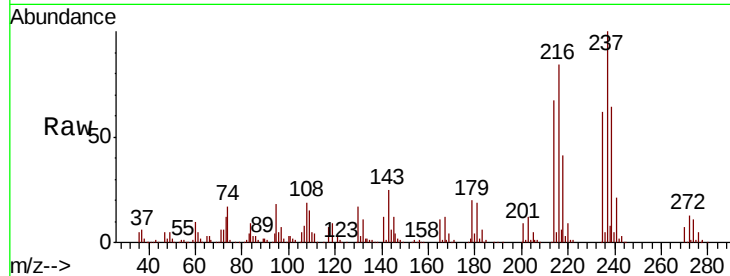
#41
Hexachlorocyclopentadiene
Concen: 48.829 ng
RT: 8.77 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	275823		
235	61.9	43.9	83.9	
272	13.3	0.0	33.8	

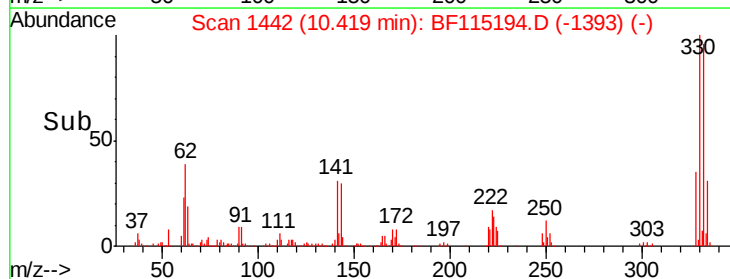
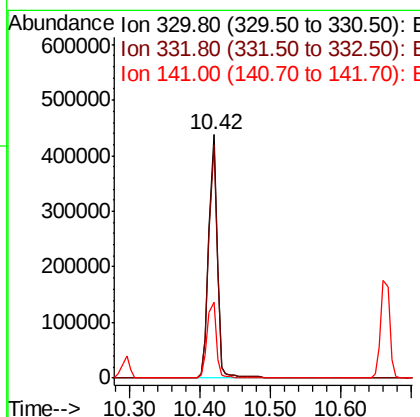
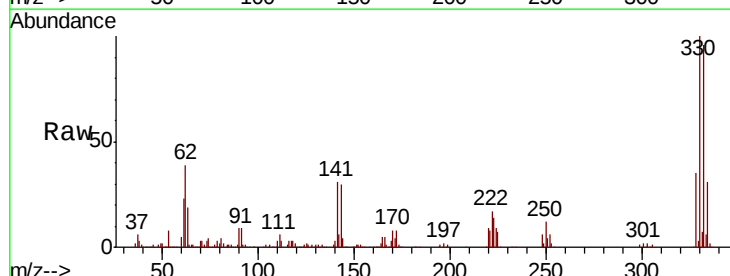
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6/26/2019 2:03:27 PM



#42
2,4,6-Tribromophenol
Concen: 104.590 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	371819		
332	95.9	77.3	115.9	
141	33.5	28.2	42.2	





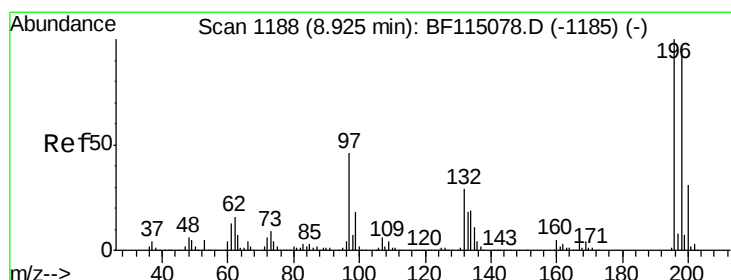
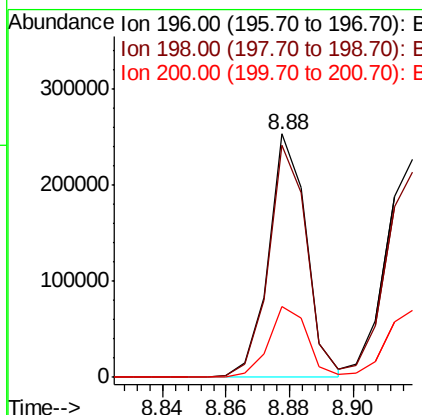
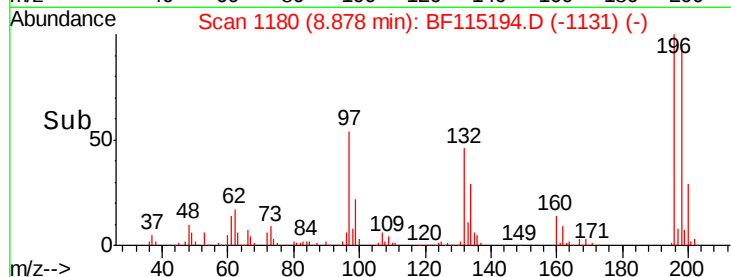
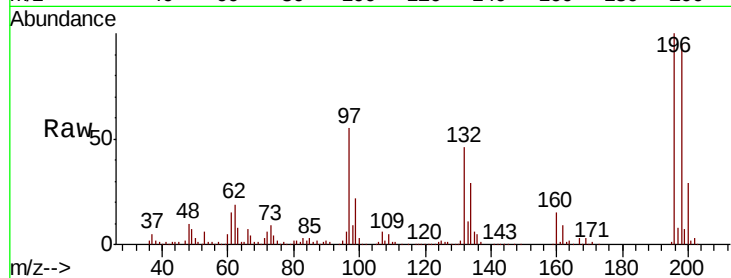
#43
 2,4,6-Trichlorophenol
 Concen: 28.623 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion:	196	Resp:	210512
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.3	114.5
200	29.2	24.2	36.4

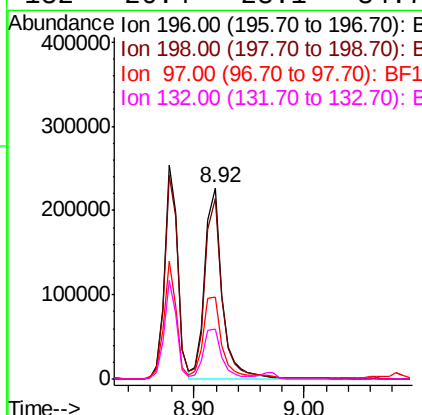
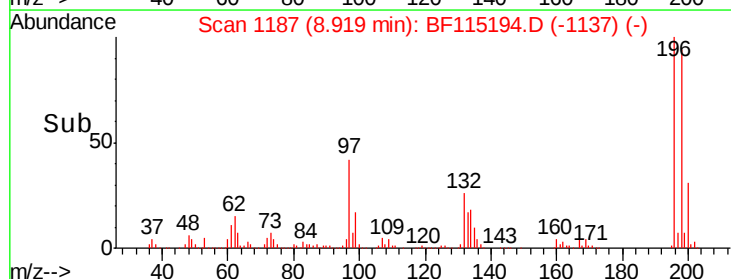
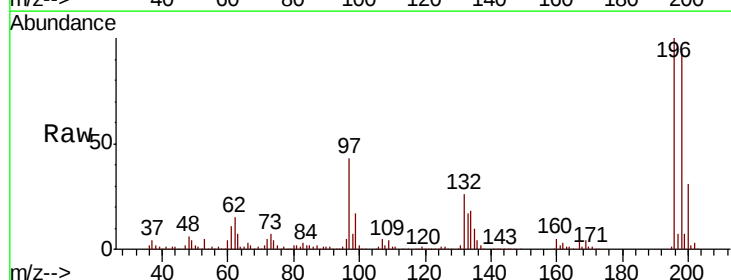
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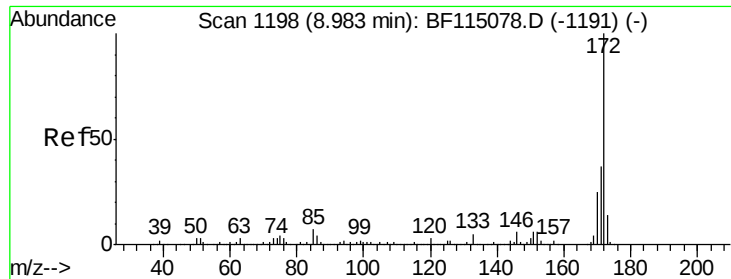
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 6/26/2019 2:03:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 31.966 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:	196	Resp:	242110
Ion Ratio	Lower	Upper	
196	100		
198	94.2	77.1	115.7
97	42.6	37.7	56.5
132	26.4	23.1	34.7





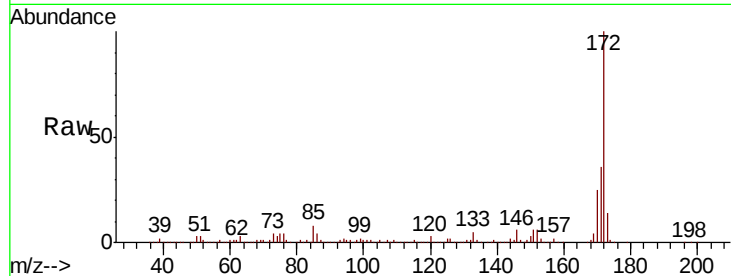
#45
2-Fluorobiphenyl
Concen: 70.934 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.5	20.3	30.5

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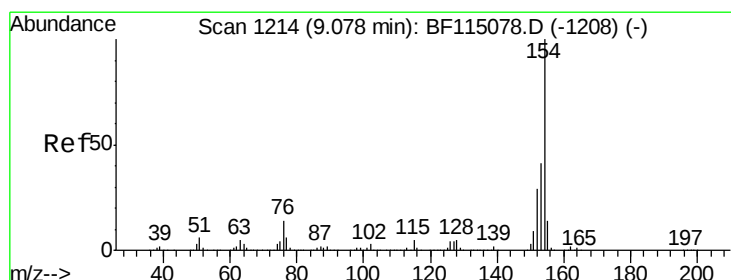
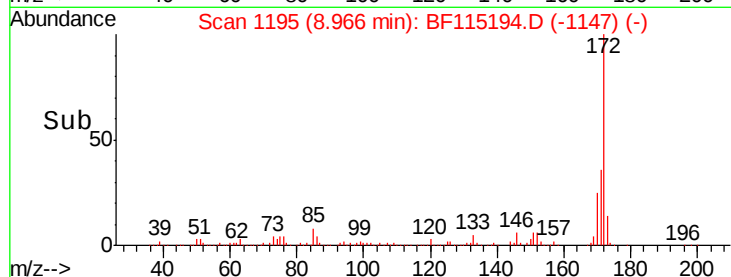
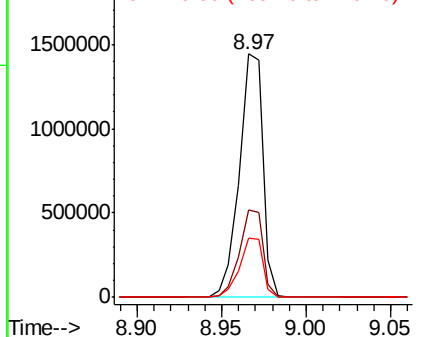


Abundance

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: 31.289 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

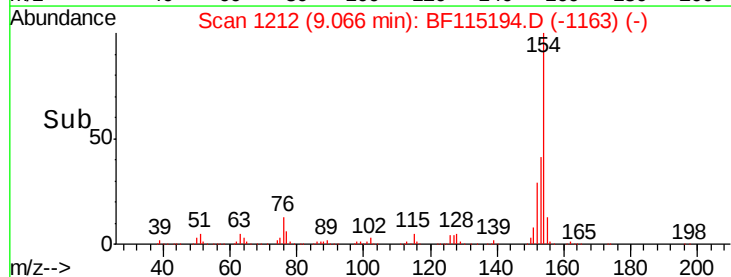
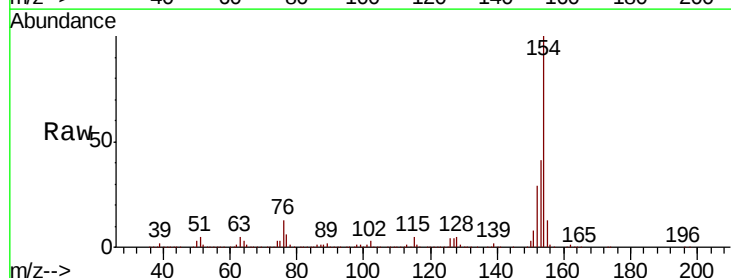
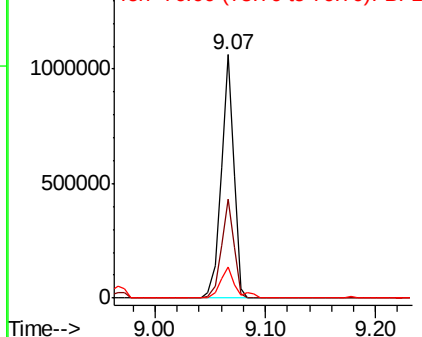
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	12.7	0.0	34.1

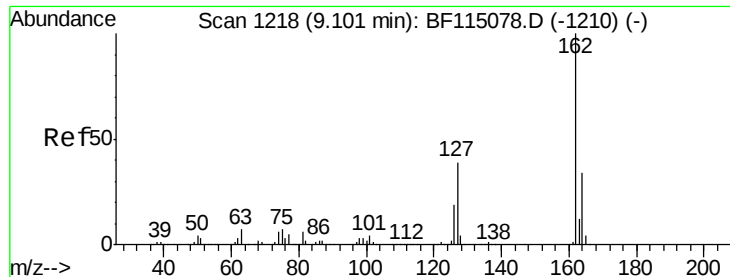
Abundance

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





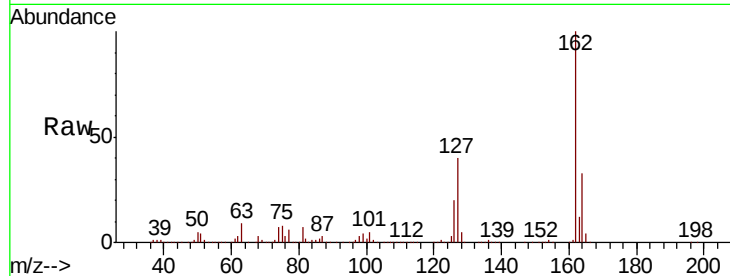
#47
2-Chloronaphthalene
Concen: 30.350 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

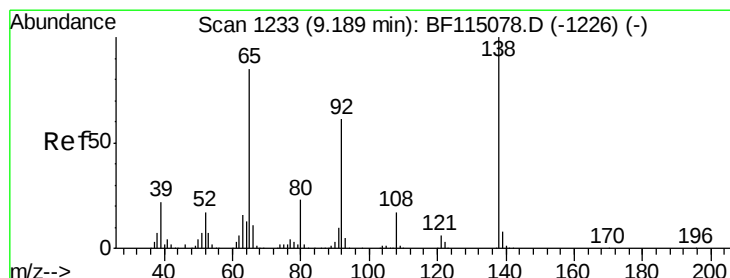
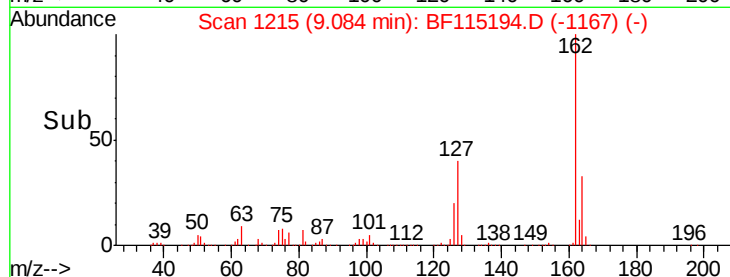
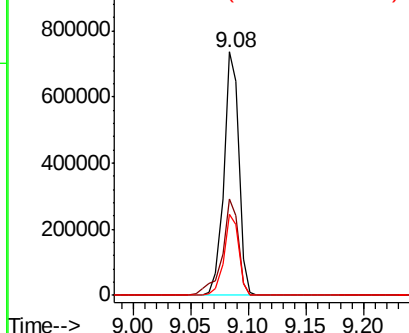
Tot Ion	Ratio	Resp	Lower	Upper
162	100	664066		
127	39.8		30.8	46.2
164	33.1		27.0	40.4

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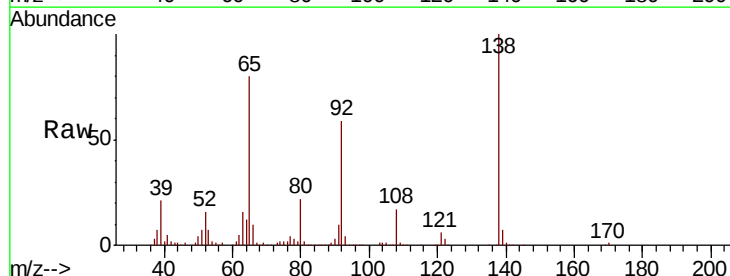


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

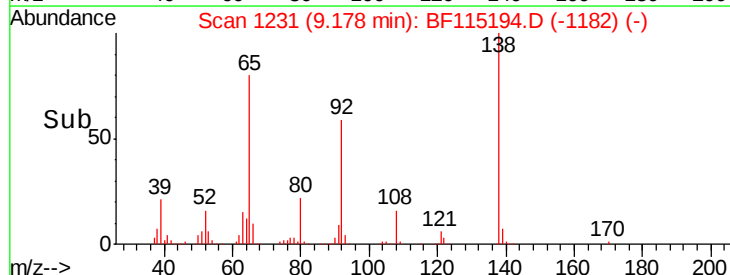
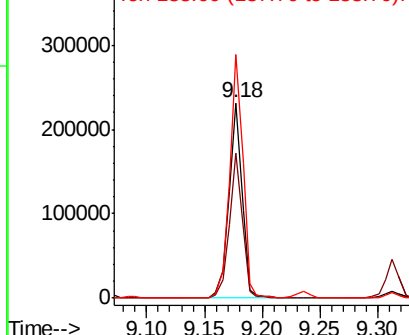


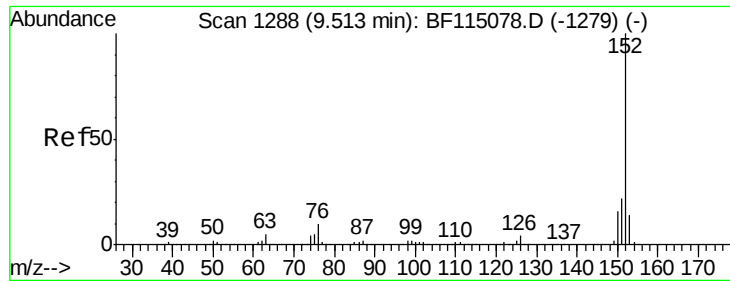
#48
2-Nitroaniline
Concen: 29.070 ng
RT: 9.18 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	185433		
92	73.9		57.4	86.2
138	124.6		94.1	141.1



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





#49

Acenaphthylene

Concen: 30.917 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

Tot Ion:152 Resp: 1053941

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

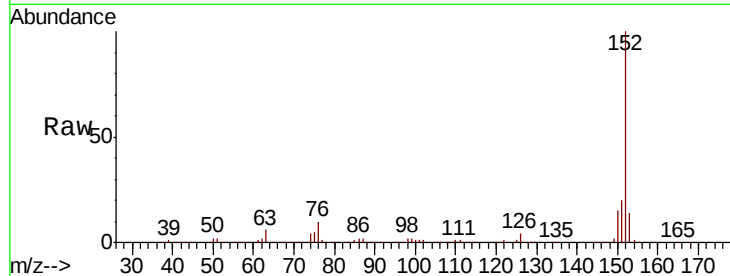
153 13.6 11.0 16.6

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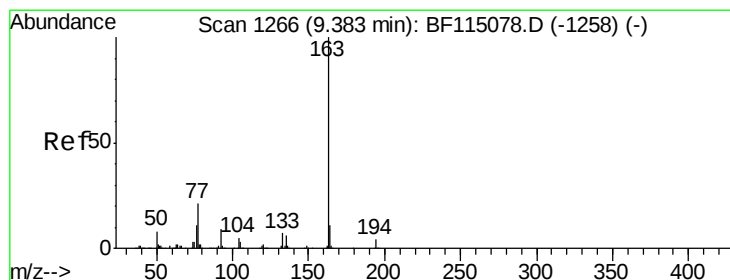
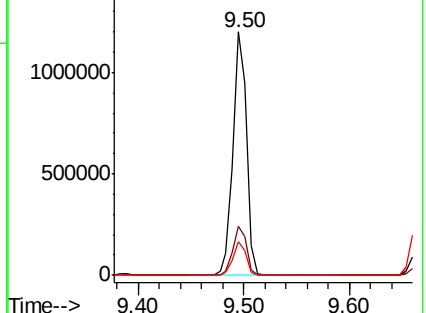
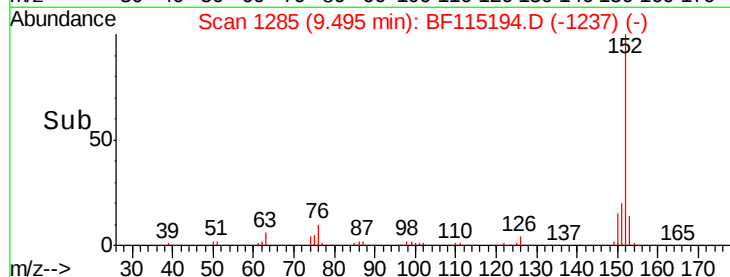
6/26/2019 2:03:27 PM



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: 44.068 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

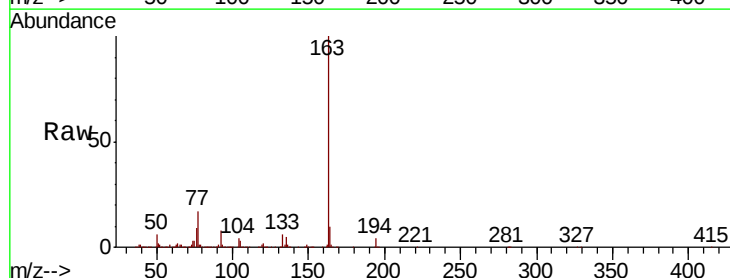
Tgt Ion:163 Resp: 1092977

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

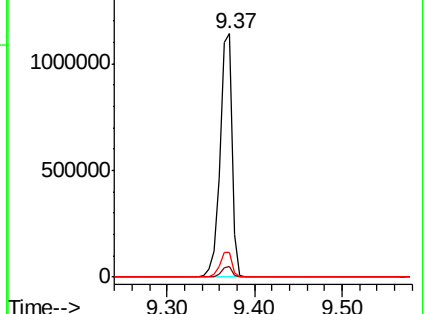
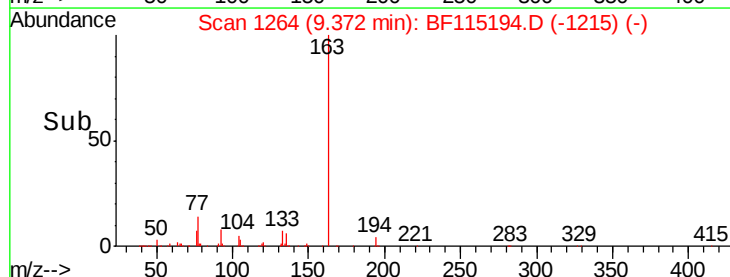
164 10.1 8.6 13.0

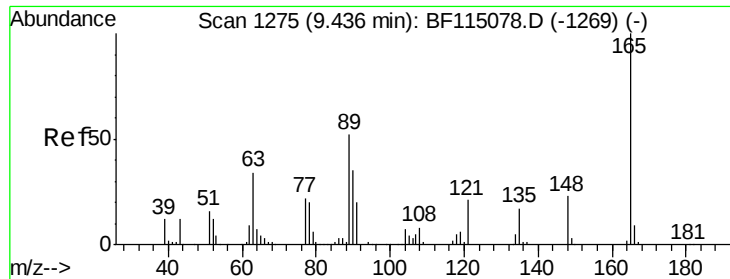


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.567 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

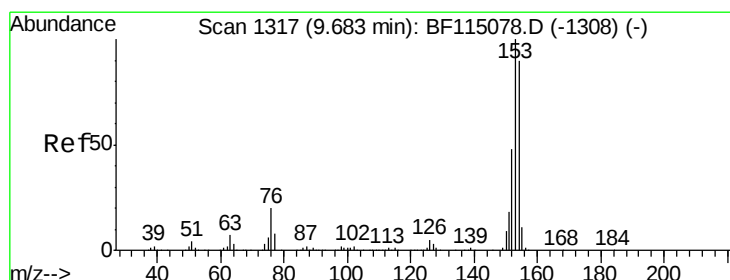
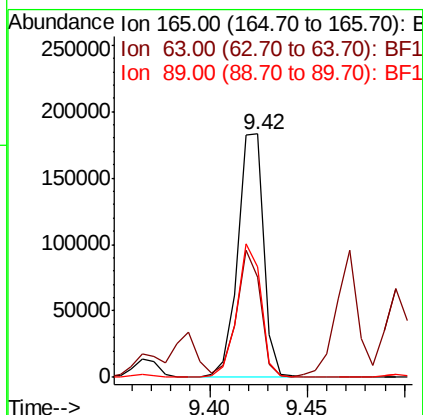
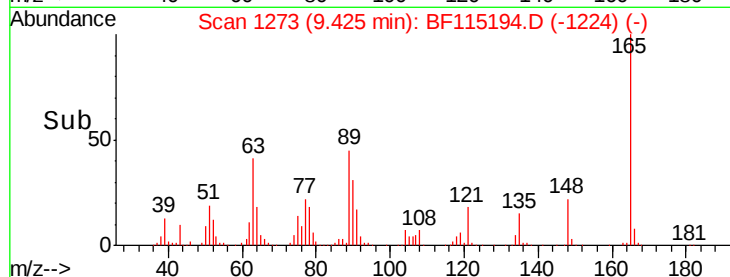
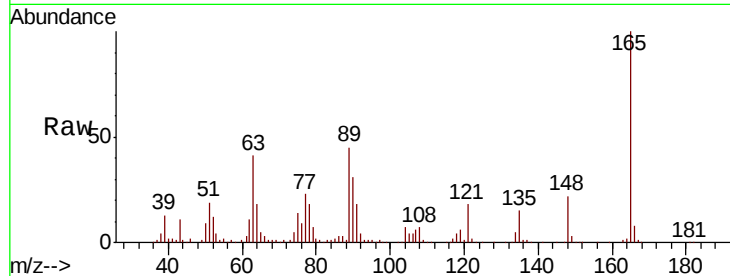
ClientSampleId :

SAMPLE-4MS

Tot Ion:	165	Resp:	169301
Ion Ratio	Lower	Upper	
165	100		
63	41.2	39.4	59.2
89	45.2	42.0	63.0

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6/26/2019 2:03:27 PM



#52

Acenaphthene

Concen: 30.850 ng

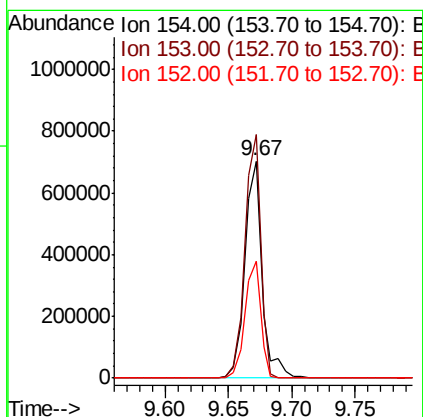
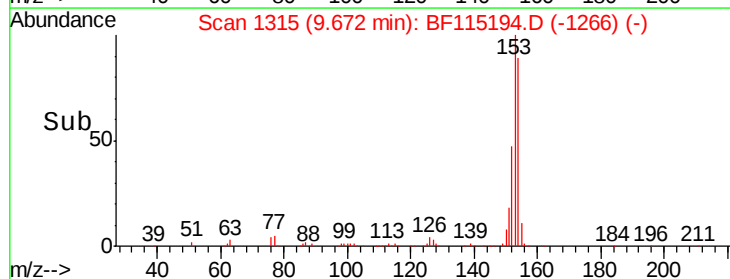
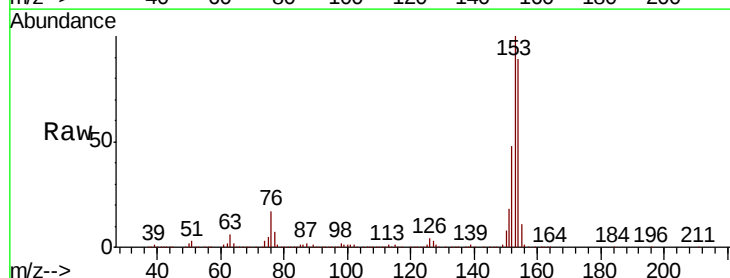
RT: 9.67 min Scan# 1315

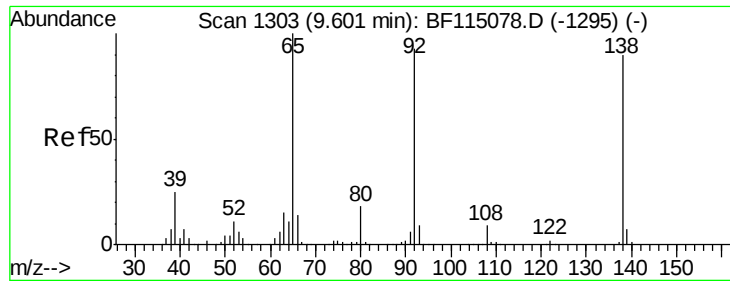
Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Tgt Ion:	154	Resp:	658085
Ion Ratio	Lower	Upper	
154	100		
153	112.2	88.7	133.1
152	53.6	42.6	64.0





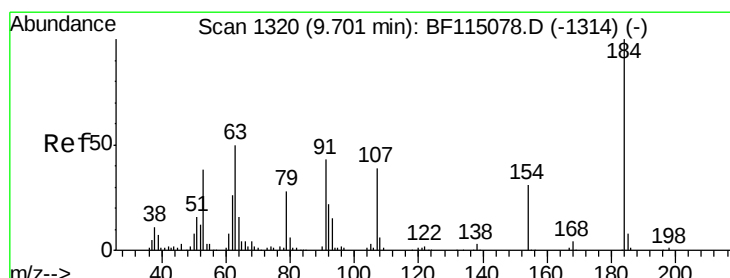
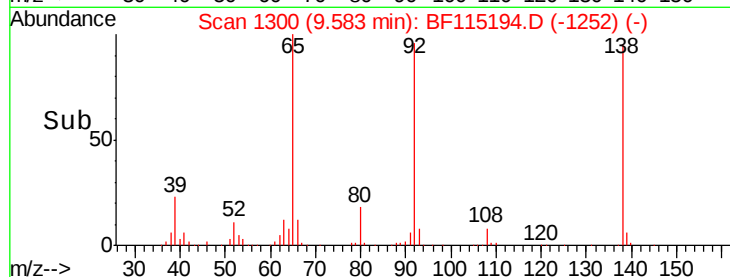
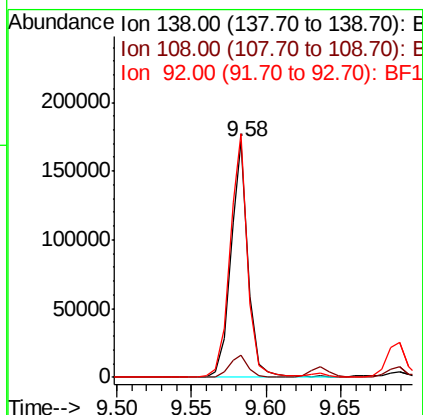
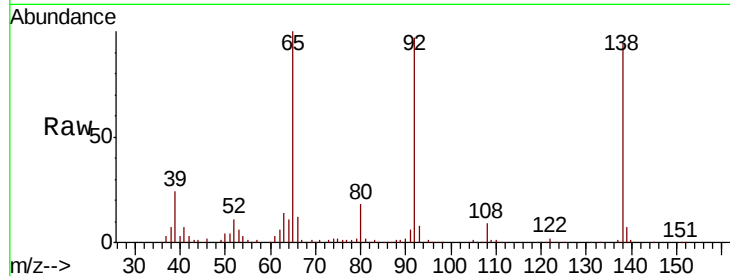
#53
3-Nitroaniline
Concen: 20.081 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	103.2	82.9	124.3

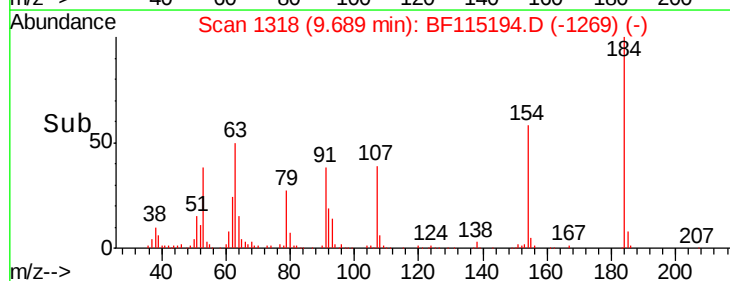
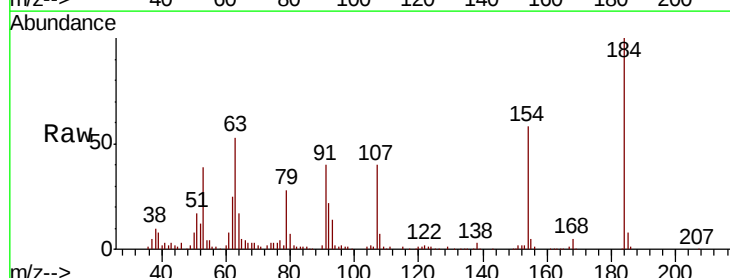
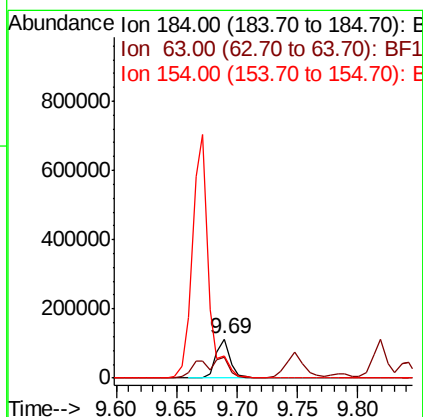
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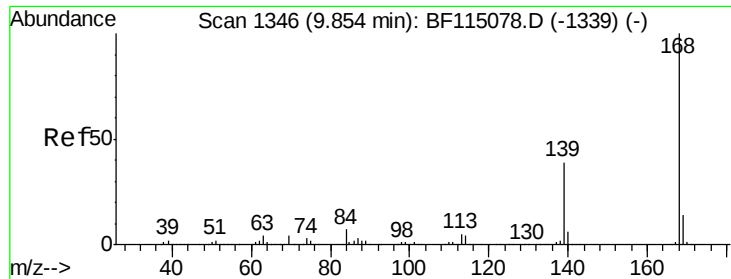
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6/26/2019 2:03:27 PM



#54
2,4-Dinitrophenol
Concen: 36.008 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	41.9	62.9
154	57.5	44.7	67.1





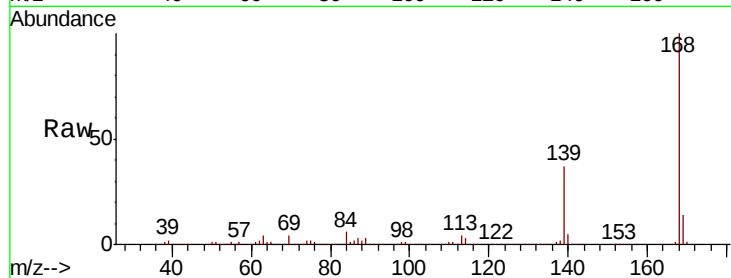
#55
Dibenzenofuran
Concen: 29.978 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampled :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.1	46.7
169	13.6	11.3	16.9

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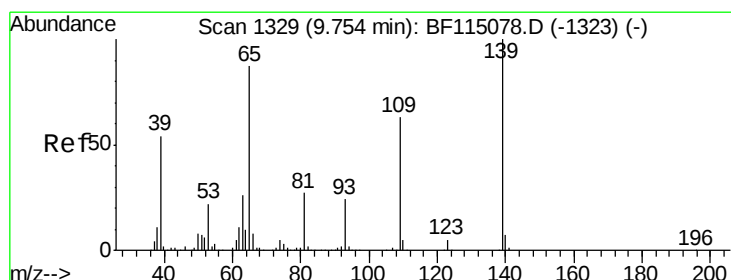
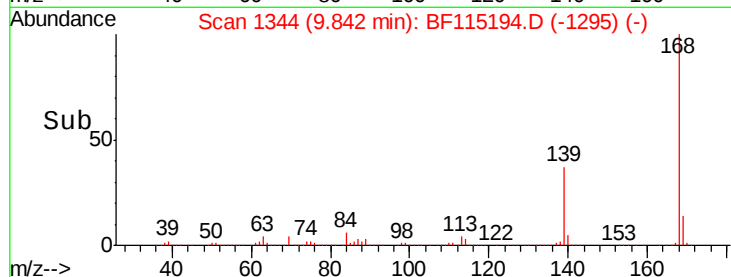
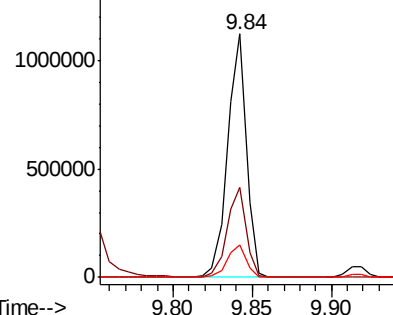


Abundance

Ion 168.00 (167.70 to 168.70): E

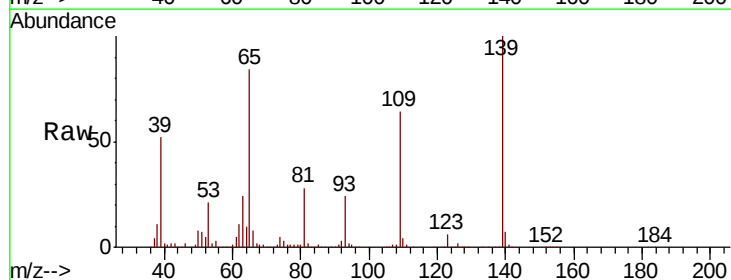
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 59.598 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.6	43.0	83.0
65	83.9	67.0	107.0

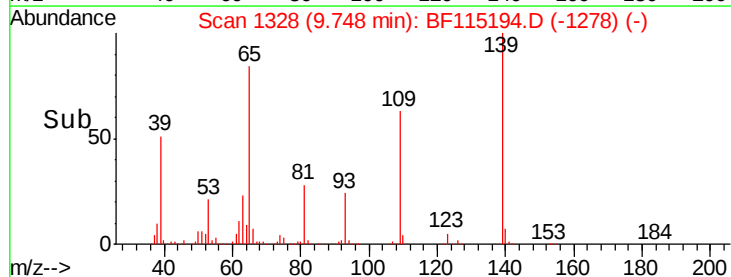
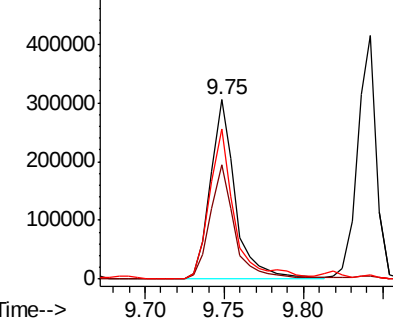


Abundance

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





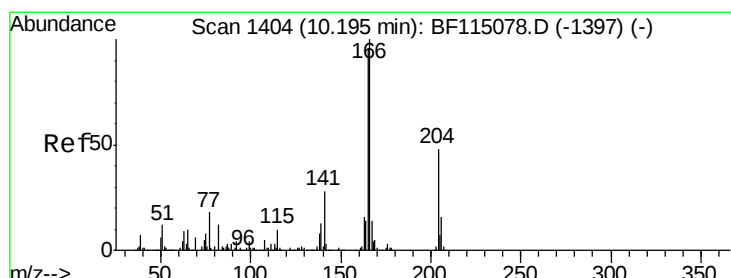
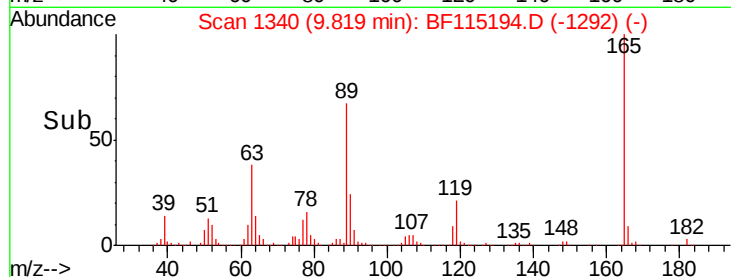
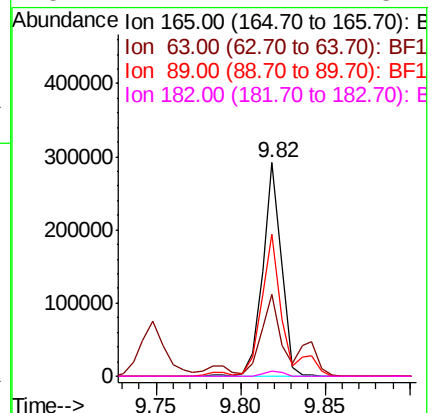
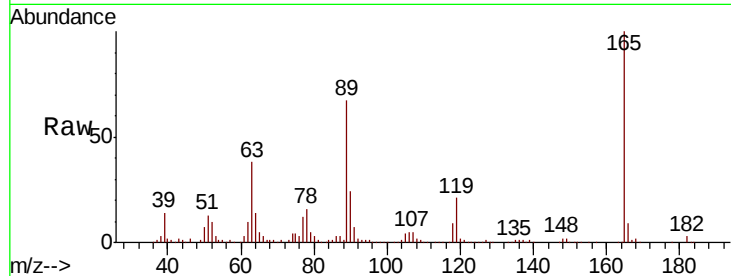
#57
 2,4-Dinitrotoluene
 Concen: 30.484 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		225382		
63	38.2	27.5	41.3		
89	66.7	49.9	74.9		
182	2.7	2.1	3.1		

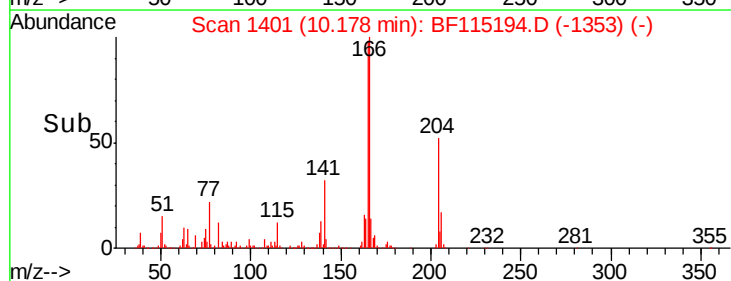
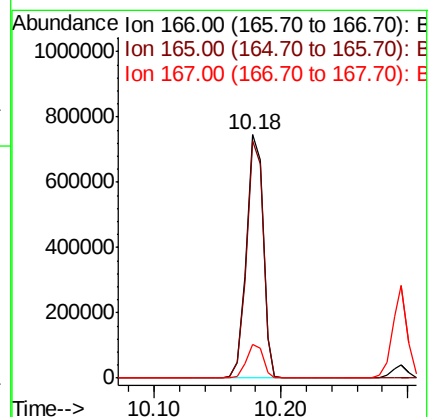
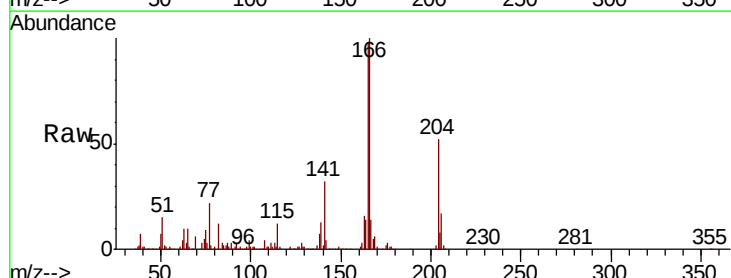
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#58
 Fluorene
 Concen: 31.182 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		676870		
165	97.7	76.5	114.7		
167	13.7	11.0	16.4		





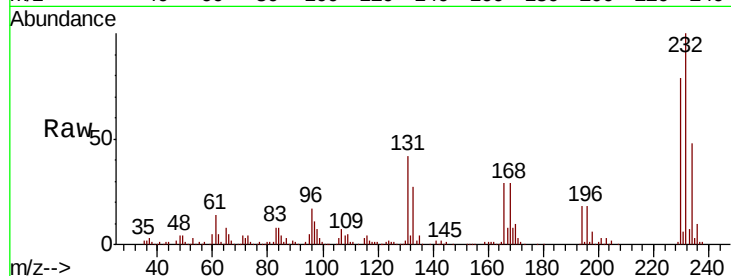
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.332 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

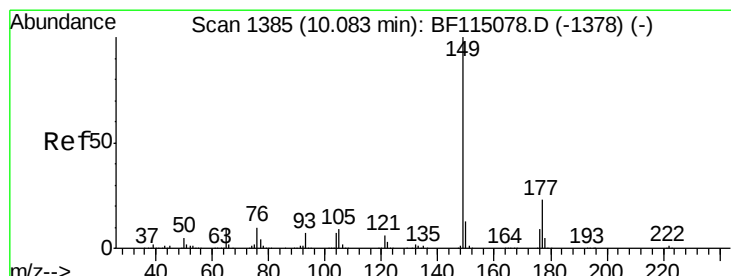
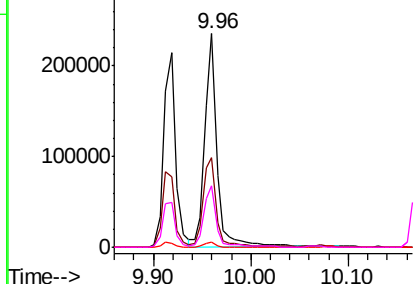
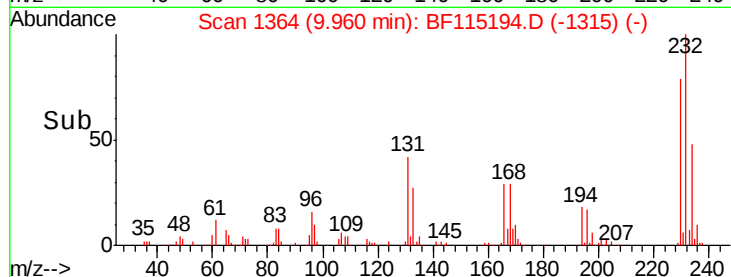
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.2	1.8	2.6
166	29.5	24.6	36.8

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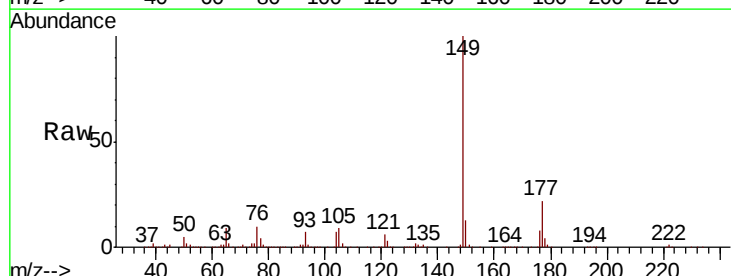


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

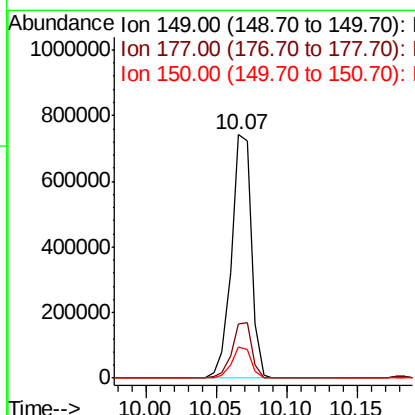
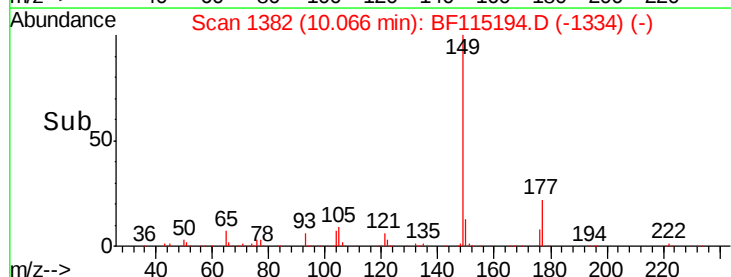


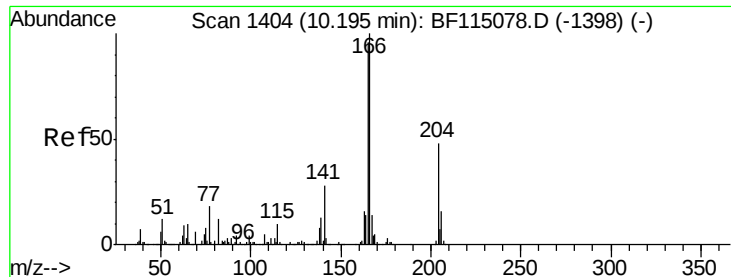
#60
 Diethylphthalate
 Concen: 29.221 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.7	28.1
150	12.9	10.4	15.6



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





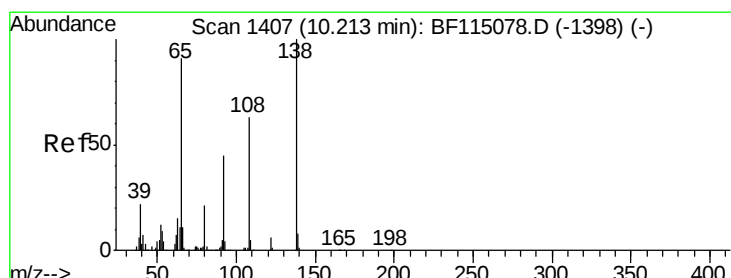
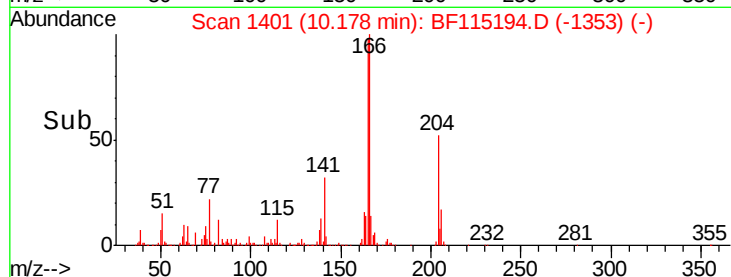
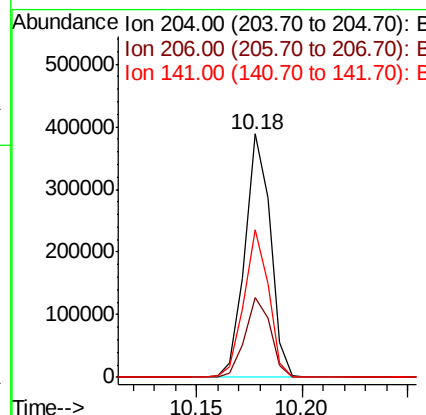
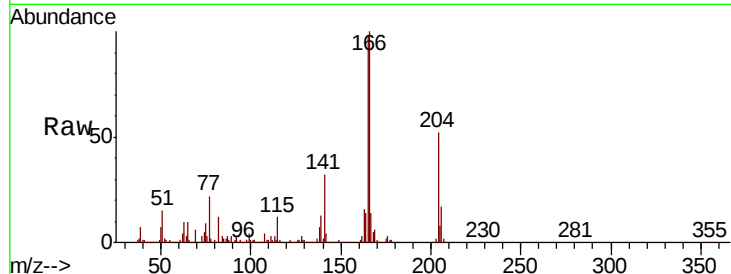
#61
4-Chlorophenyl-phenylether
Concen: 31.340 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	60.9	46.7	70.1

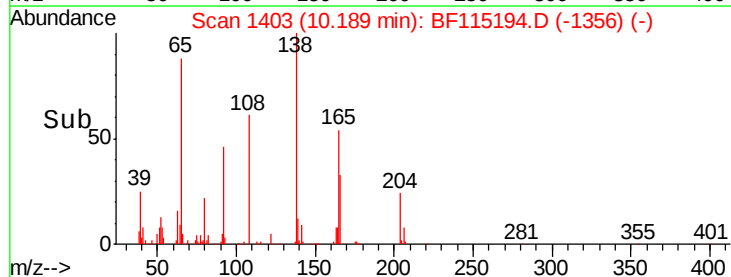
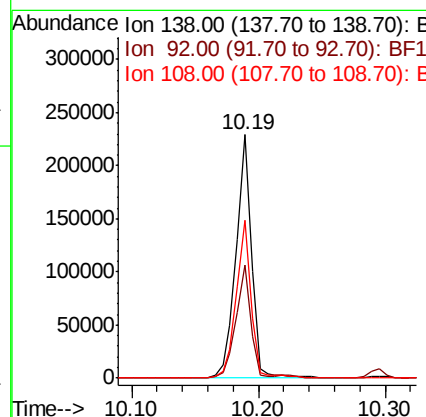
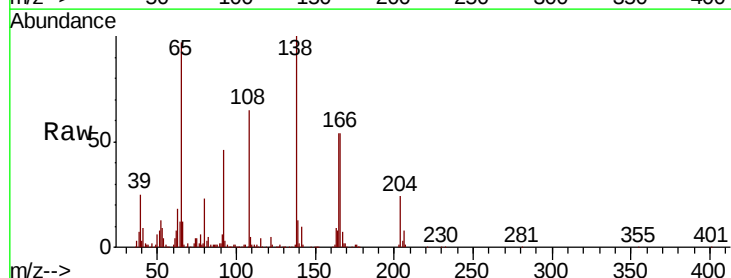
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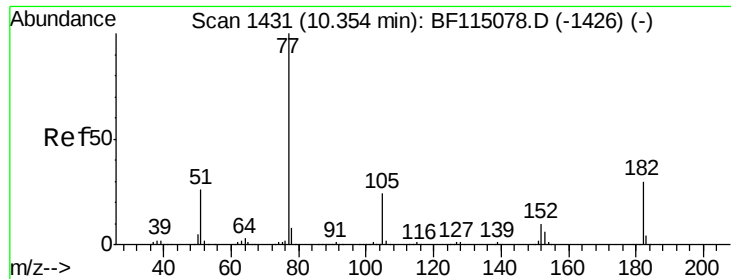
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6/26/2019 2:03:27 PM



#62
4-Nitroaniline
Concen: 27.762 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	24.8	64.8
108	64.6	43.3	83.3





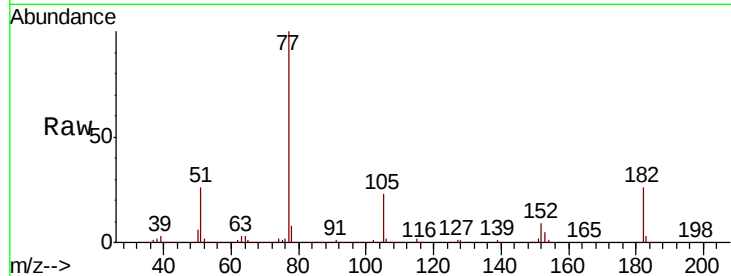
#63
Azobenzene
Concen: 29.194 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

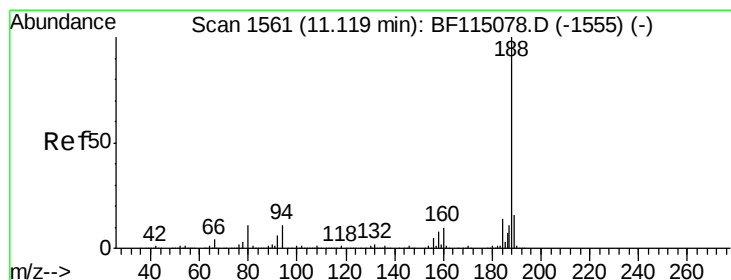
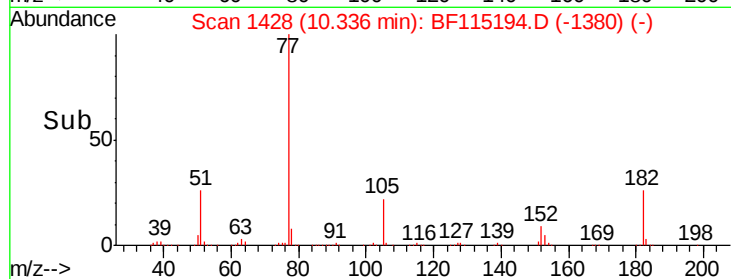
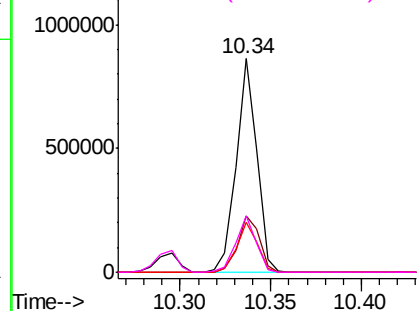
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	10.1	50.1
105	23.2	4.5	44.5
51	26.5	6.4	46.4

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6/26/2019 2:03:27 PM

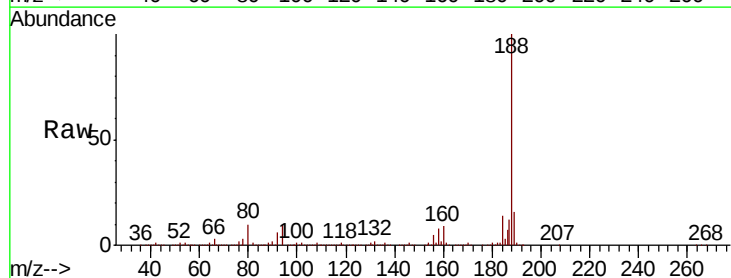


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

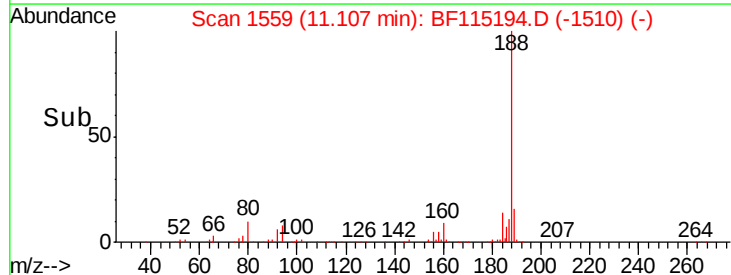
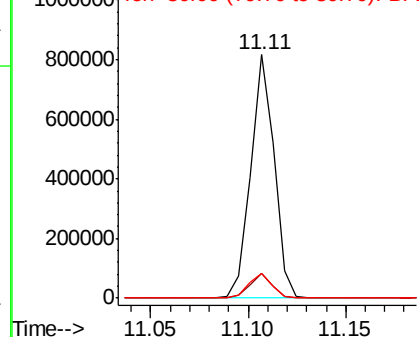


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.3	8.8	13.2



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





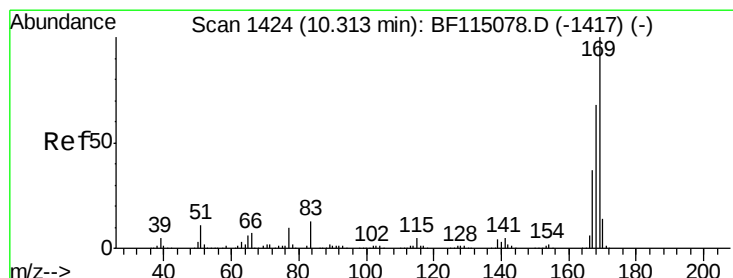
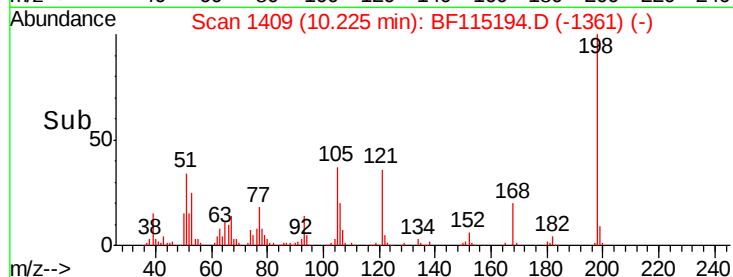
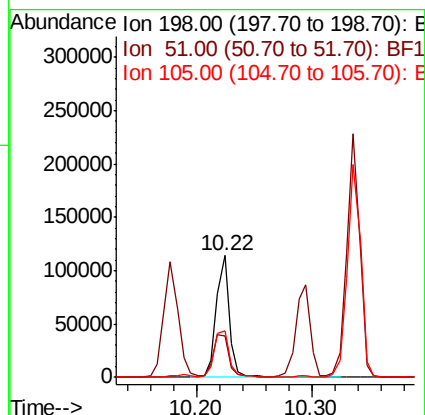
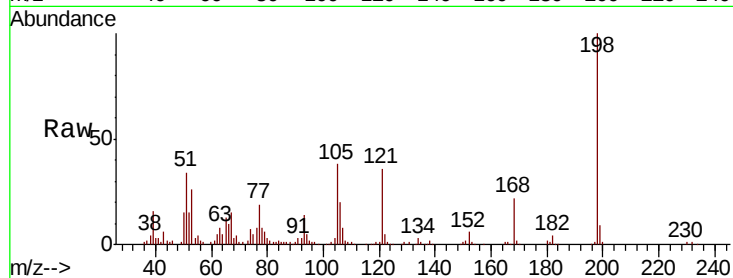
#65
4,6-Dinitro-2-methylphenol
Concen: 27.181 ng
RT: 10.22 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampled :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.2	11.0	51.0
105	38.3	17.3	57.3

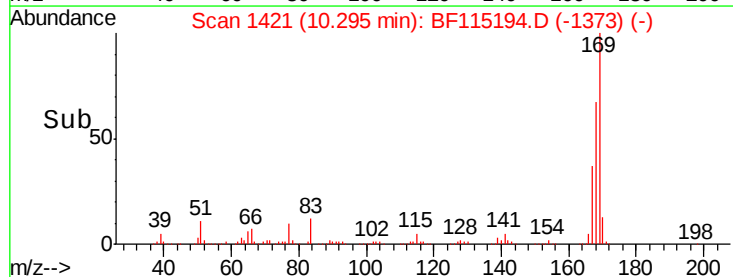
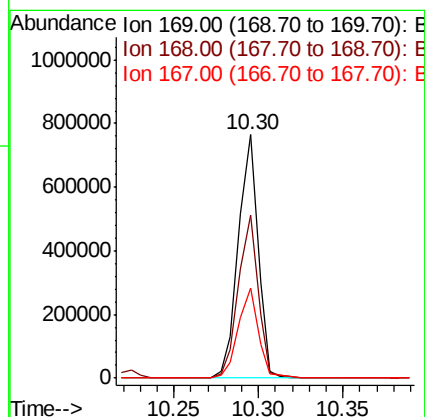
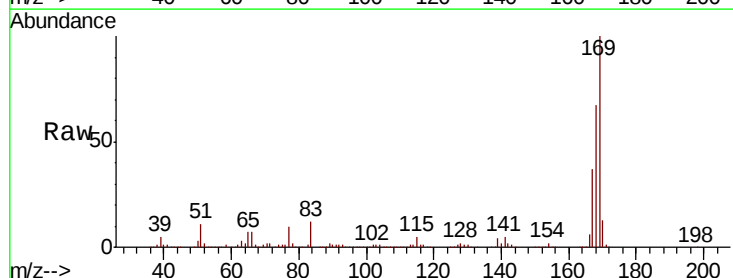
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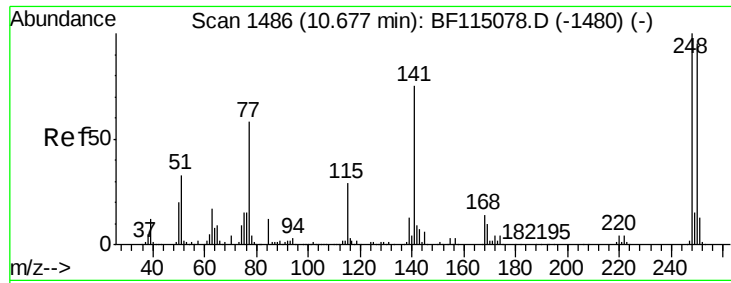
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6/26/2019 2:03:27 PM



#66
n-Nitrosodiphenylamine
Concen: 29.374 ng
RT: 10.30 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.2	81.4
167	36.9	29.4	44.0





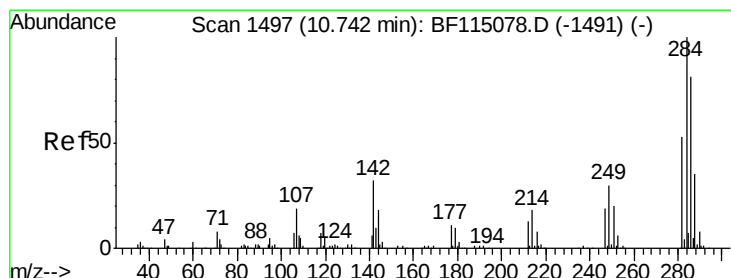
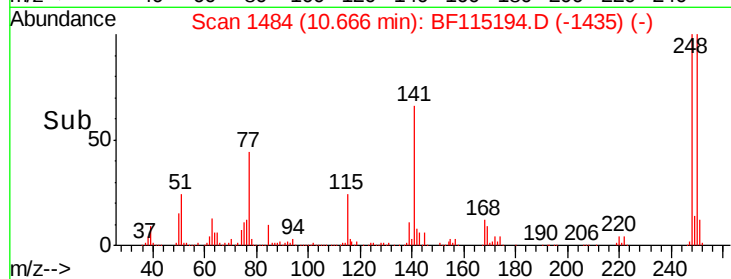
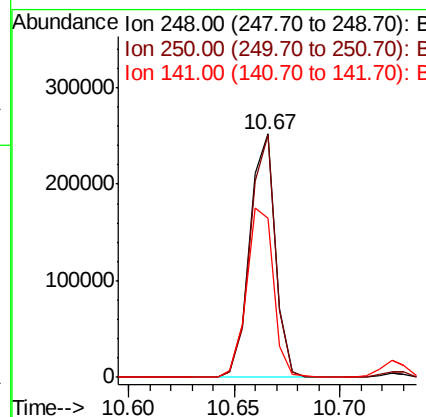
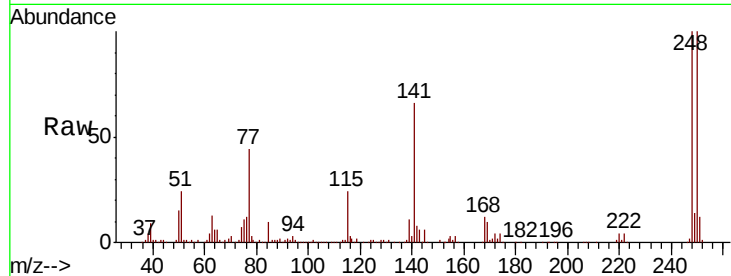
#67
4-Bromophenyl-phenylether
Concen: 28.663 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.2	114.2
141	65.5	59.6	89.4

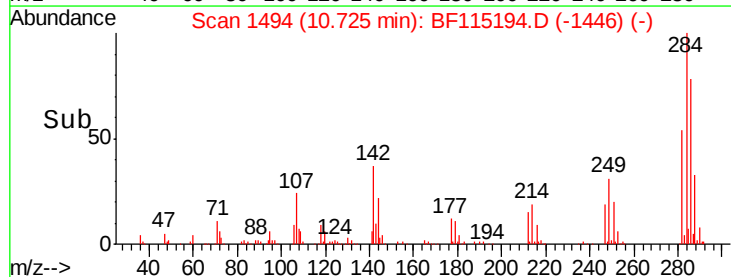
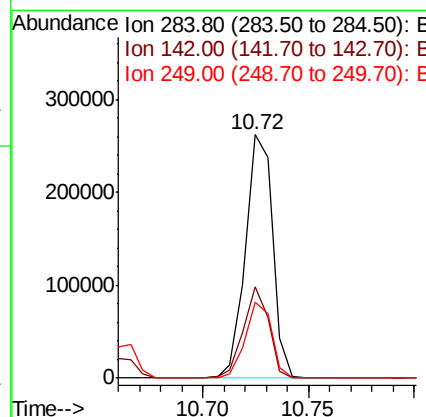
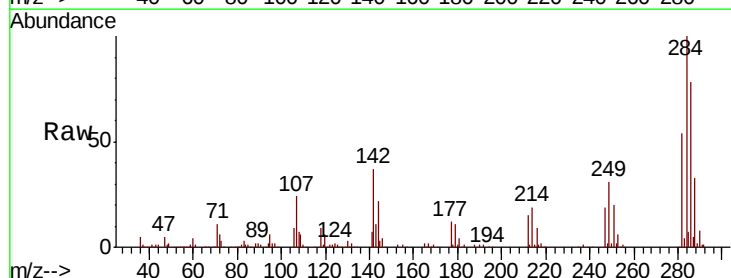
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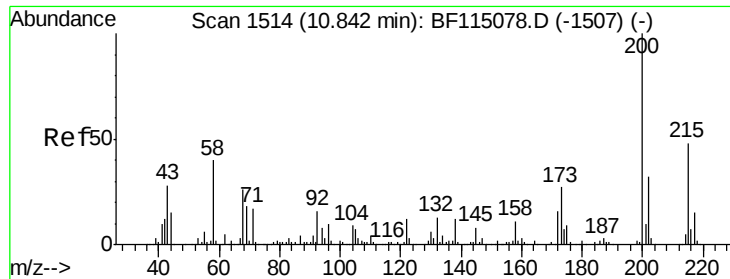
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6/26/2019 2:03:27 PM



#68
Hexachlorobenzene
Concen: 29.051 ng
RT: 10.72 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	25.8	38.8
249	31.0	24.2	36.4





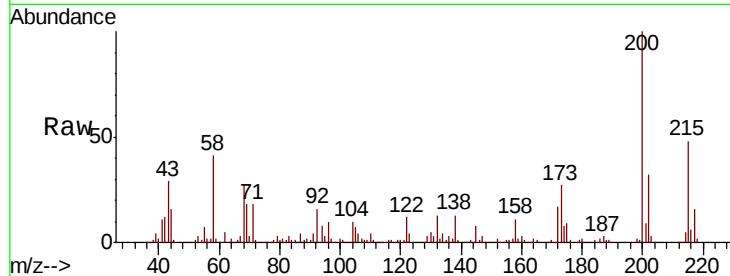
#69
Atrazine
Concen: 28.713 ng
RT: 10.82 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	7.4	47.4
215	47.9	27.8	67.8

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6/26/2019 2:03:27 PM

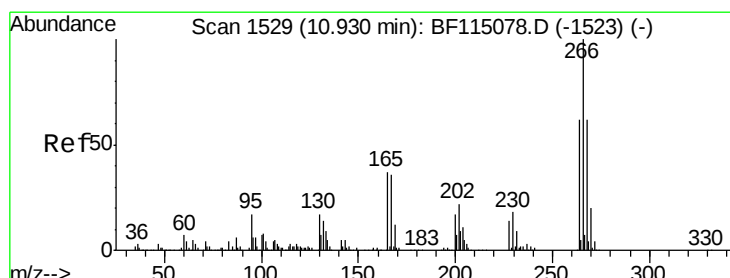
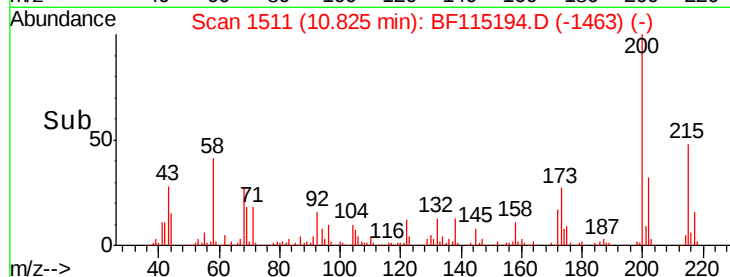
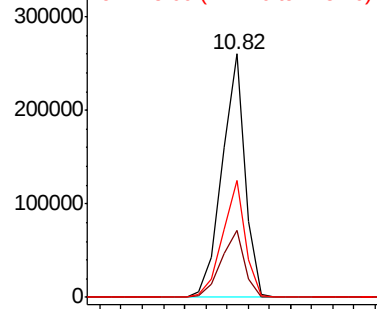


Abundance

Ion 200.00 (199.70 to 200.70): E

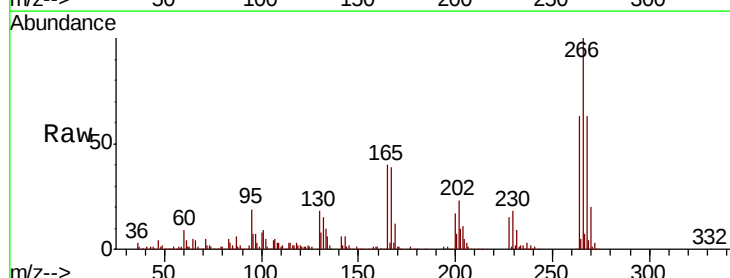
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.862 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	49.5	74.3
264	62.6	49.3	73.9

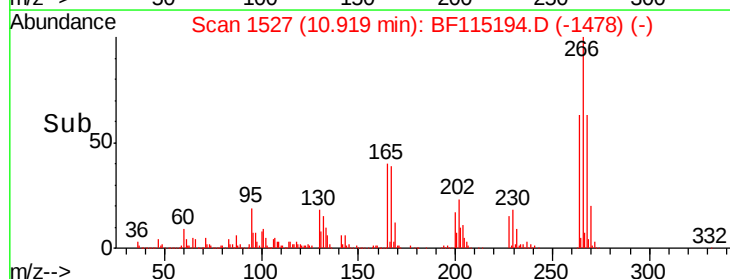
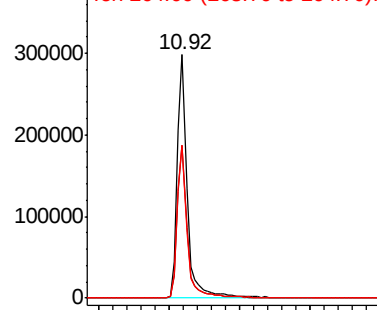


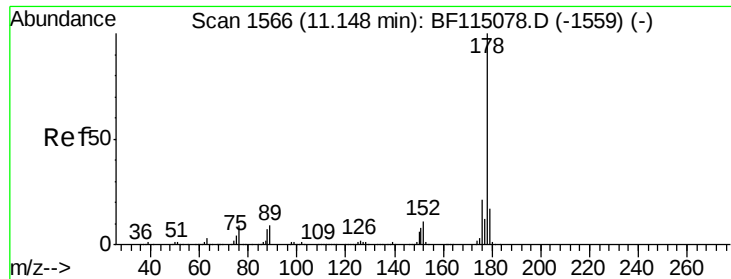
Abundance

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





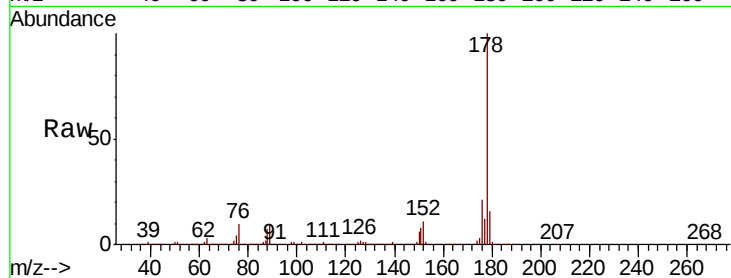
#71
Phenanthrene
Concen: 29.823 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

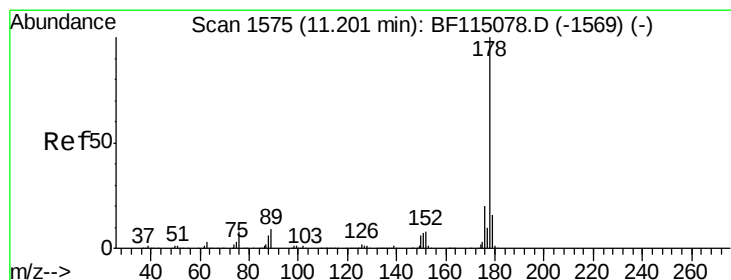
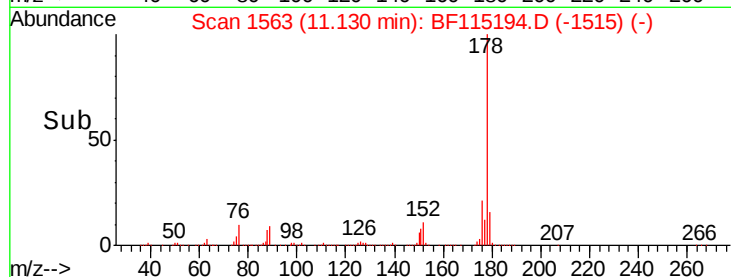
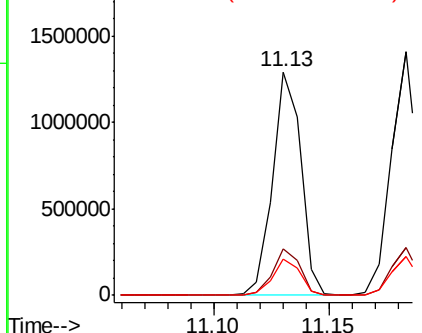
Tot Ion:178 Resp: 1096032
Ion Ratio Lower Upper
178 100
176 20.6 16.9 25.3
179 16.0 13.2 19.8

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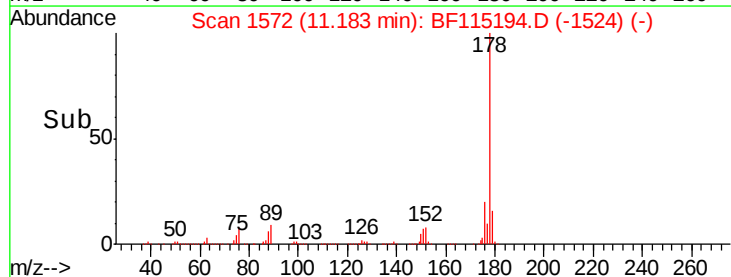
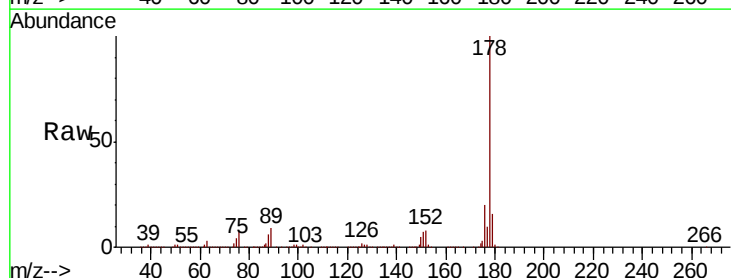
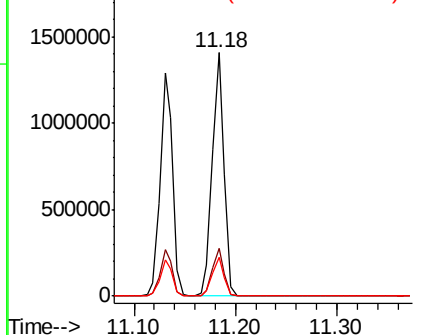
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

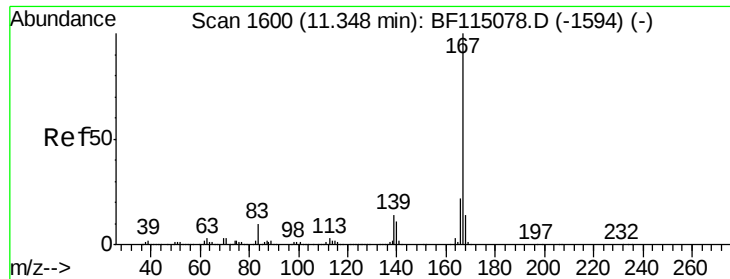


#72
Anthracene
Concen: 30.861 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:178 Resp: 1144875
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.0 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





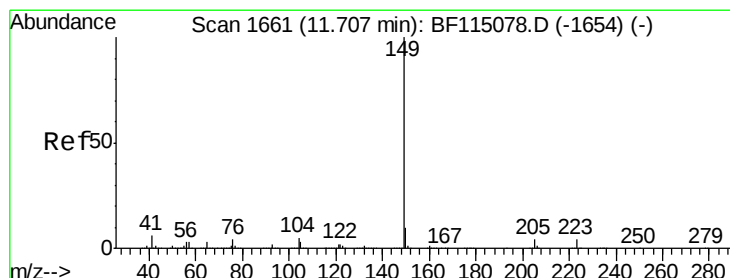
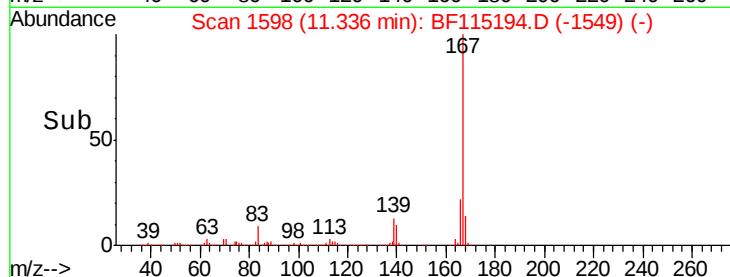
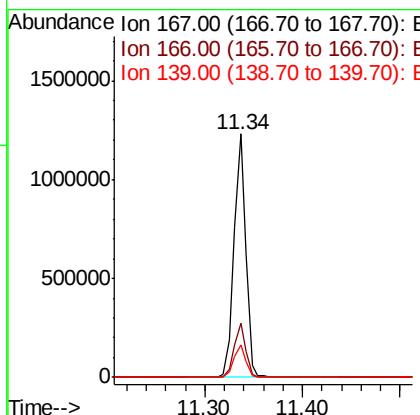
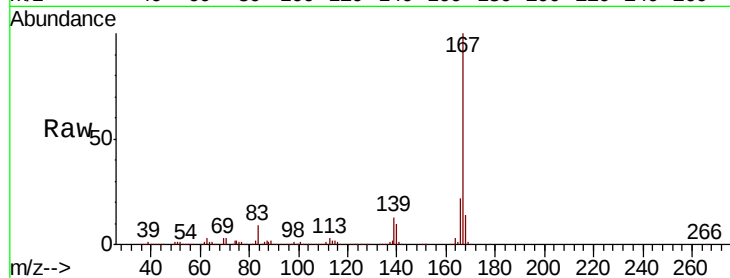
#73
 Carbazole
 Concen: 31.205 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.2	11.1	16.7

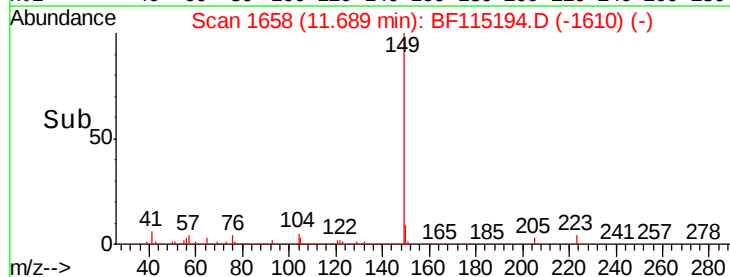
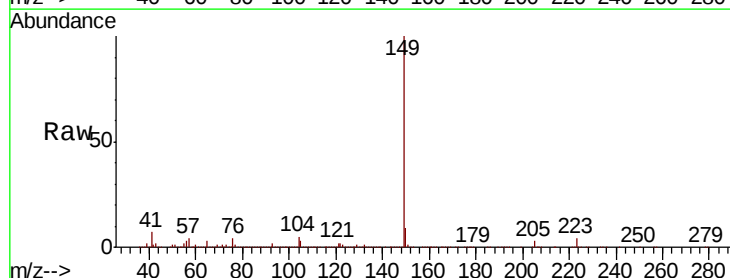
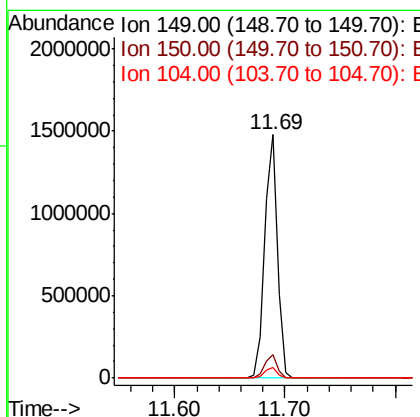
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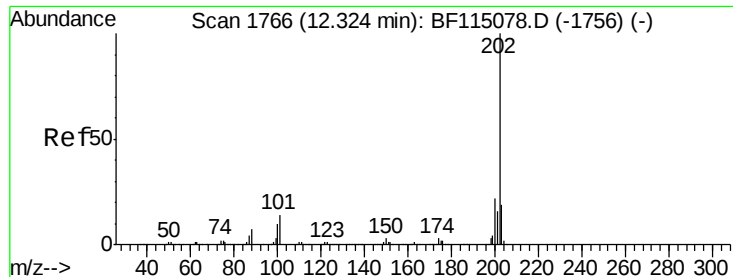
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#74
 Di-n-butylphthalate
 Concen: 31.326 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 33.013 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

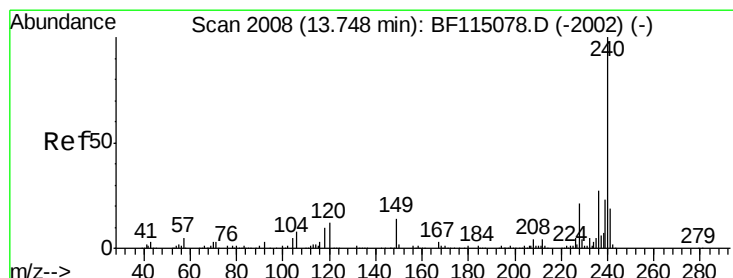
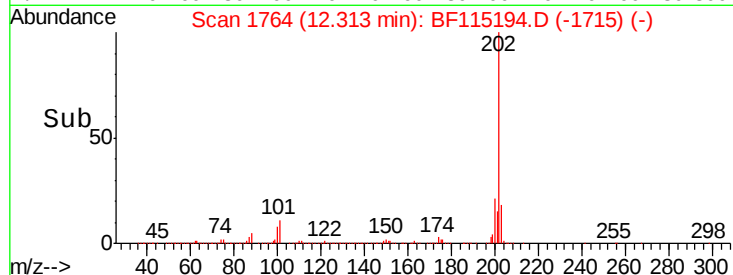
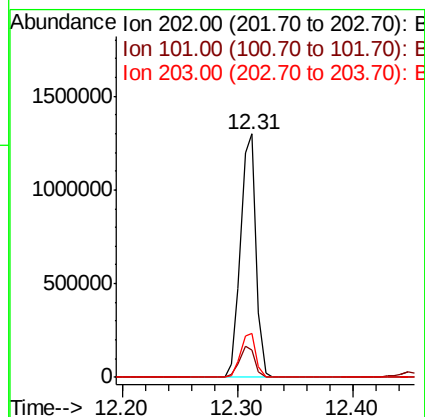
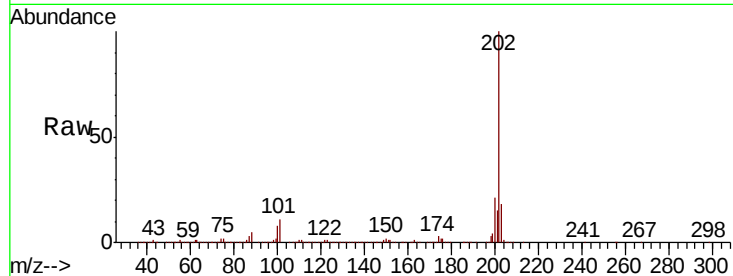
ClientSampleId :

SAMPLE-4MS

Tot Ion:	202	Resp:	1210561
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.0
203	18.0	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

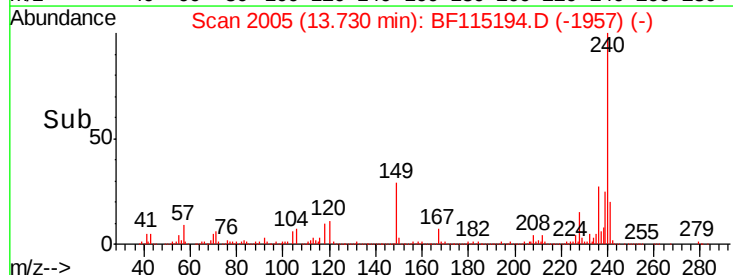
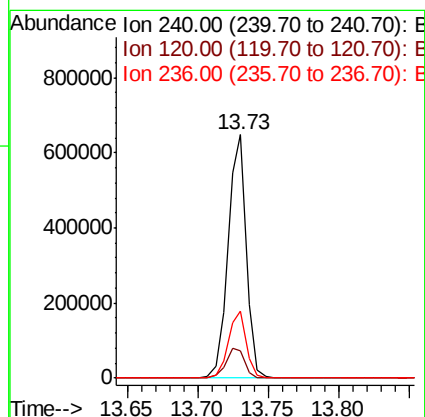
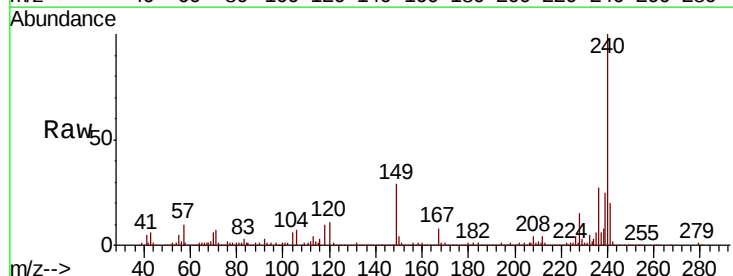
RT: 13.73 min Scan# 2005

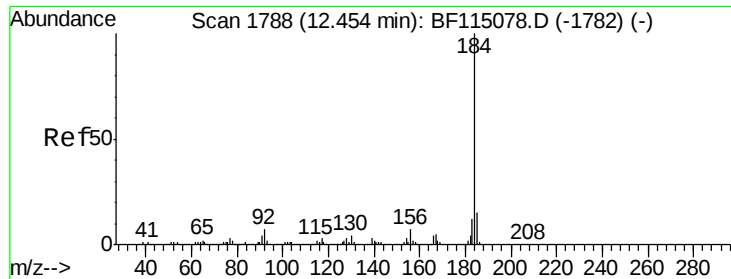
Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Tgt Ion:	240	Resp:	576353
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.4	14.2
236	27.3	21.7	32.5





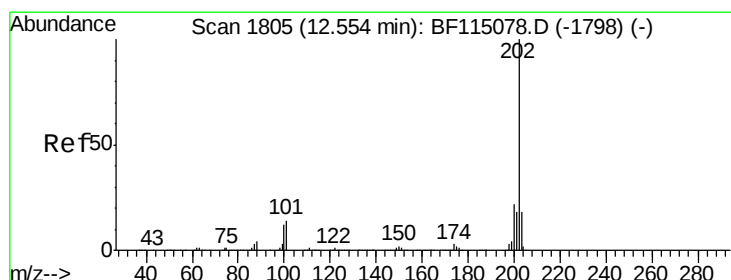
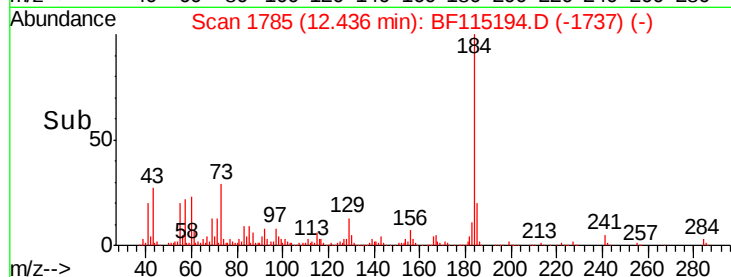
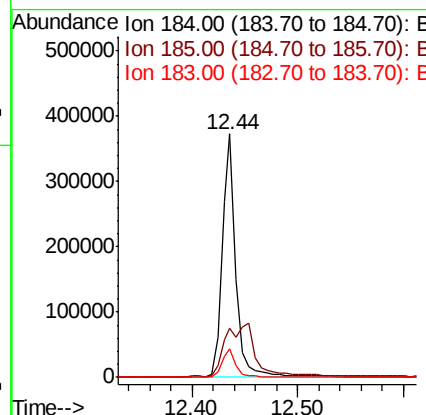
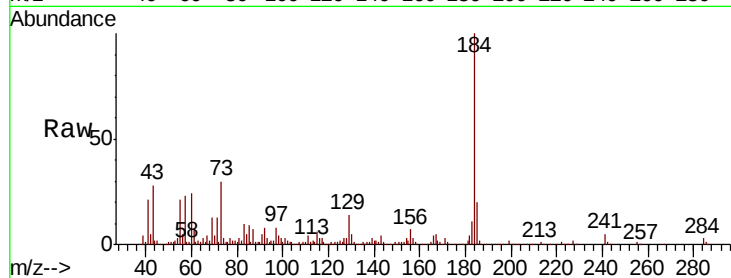
#77
Benzidine
Concen: 13.405 ng
RT: 12.44 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampled :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	20.3	12.2	18.2#
183	11.5	9.6	14.4

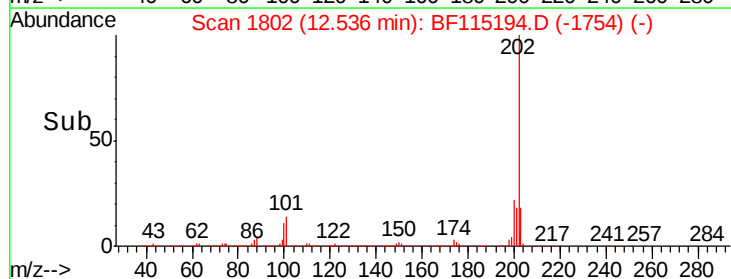
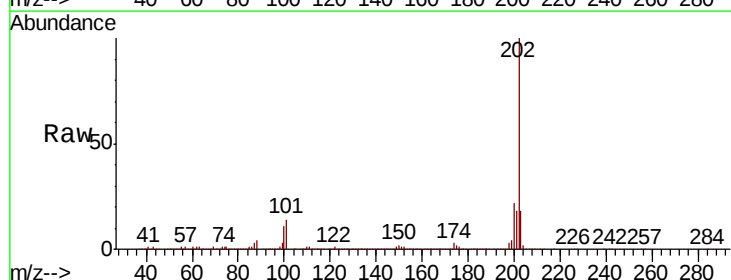
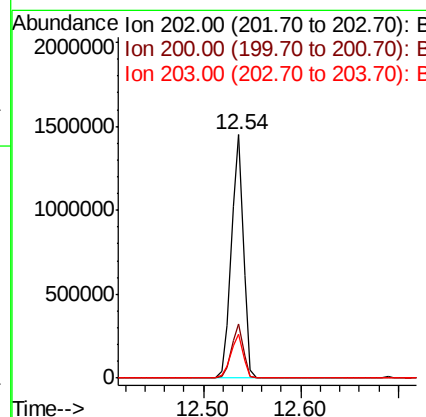
Manual Integrations
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#78
Pyrene
Concen: 27.977 ng
RT: 12.54 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.9	26.9
203	18.1	14.6	21.8





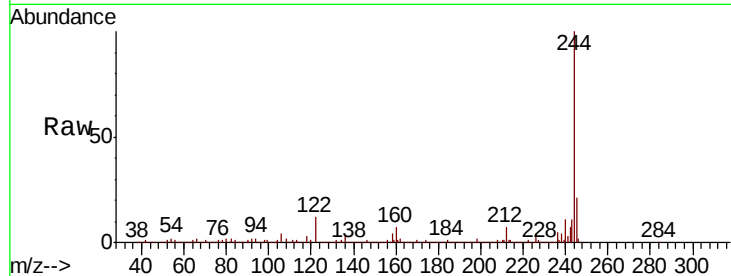
#79
Terphenyl-d14
Concen: 62.040 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

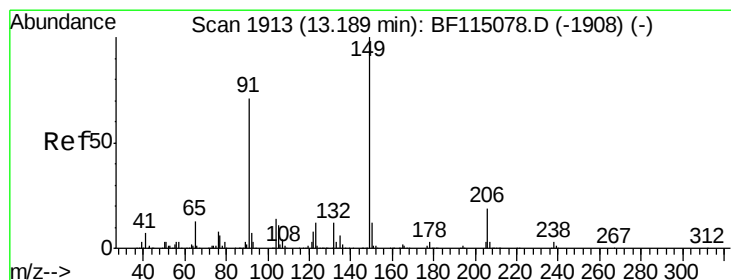
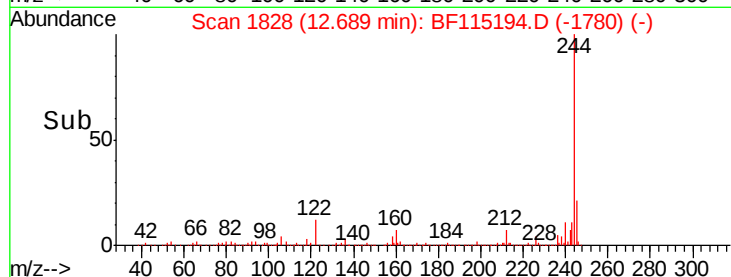
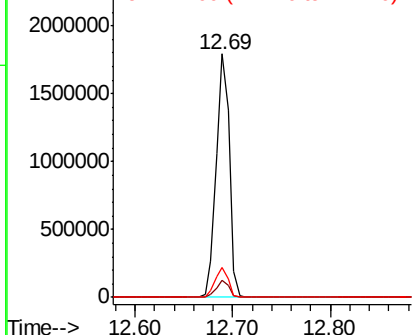
Tot Ion:244 Resp: 1681754
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 12.5 10.4 15.6

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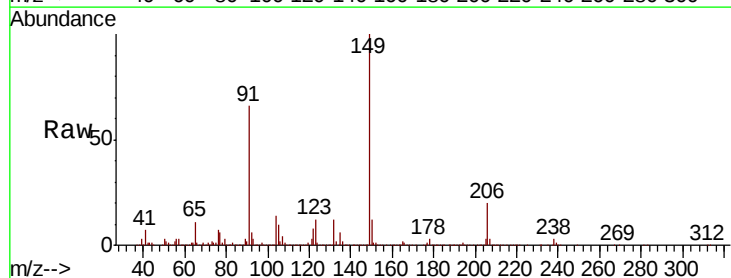


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

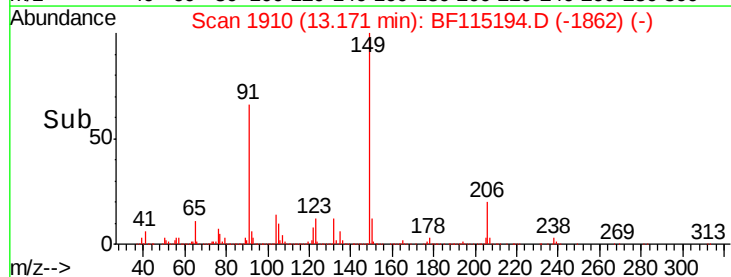
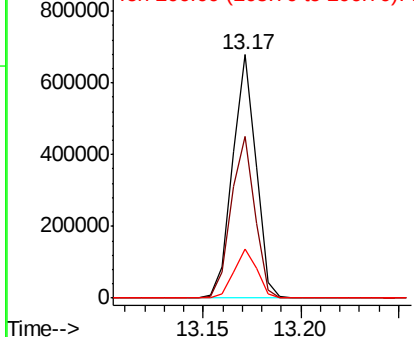


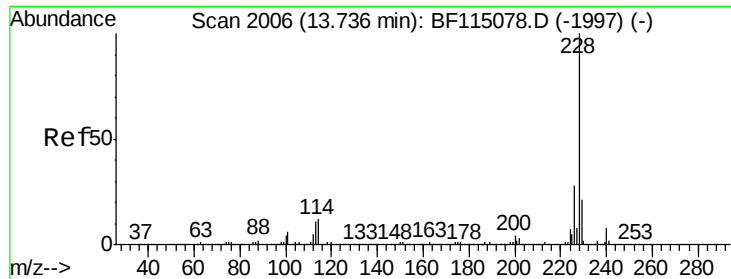
#80
Butylbenzylphthalate
Concen: 28.776 ng
RT: 13.17 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:149 Resp: 562480
Ion Ratio Lower Upper
149 100
91 66.3 56.5 84.7
206 20.3 15.3 22.9



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





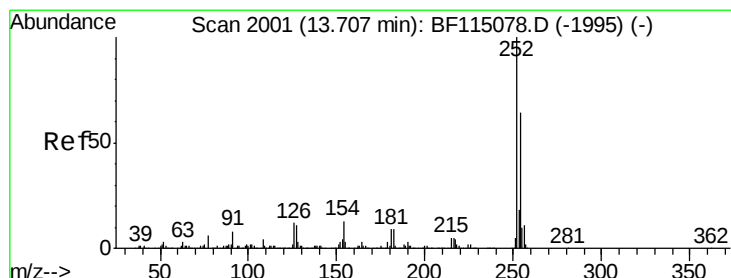
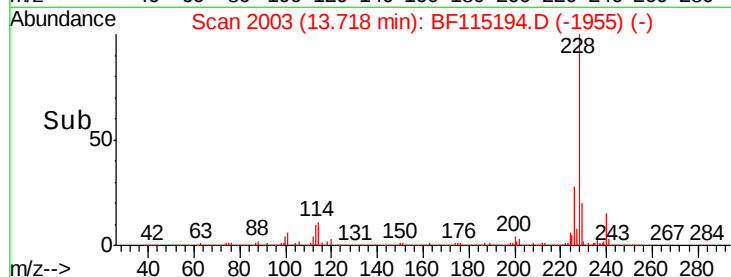
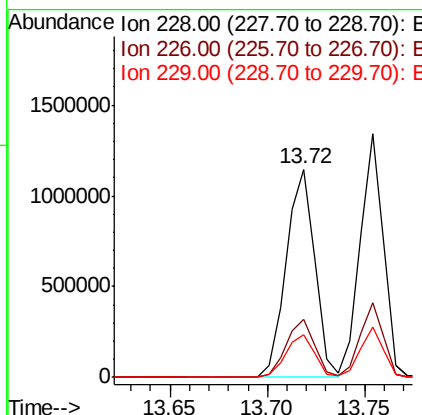
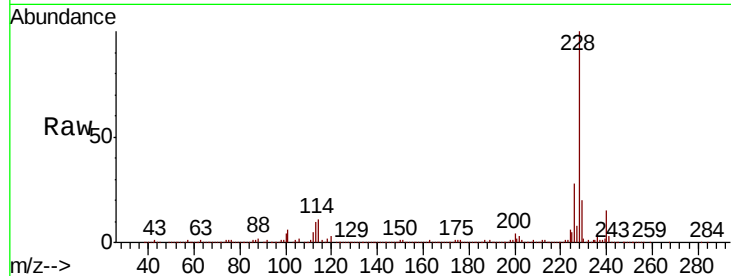
#81
Benzo(a)anthracene
Concen: 28.172 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.4	16.6	24.8

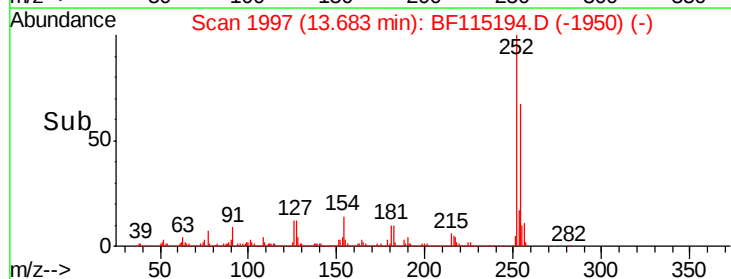
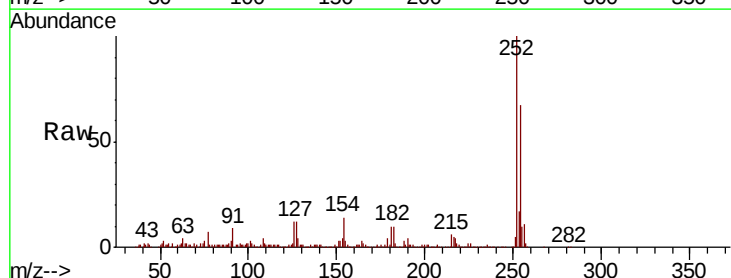
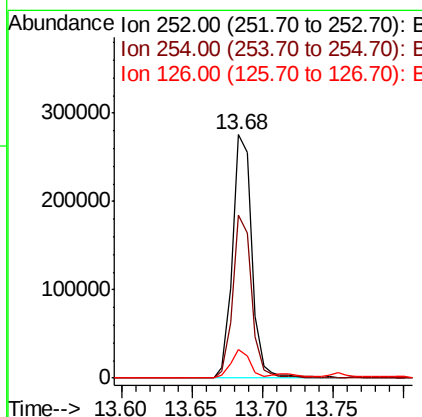
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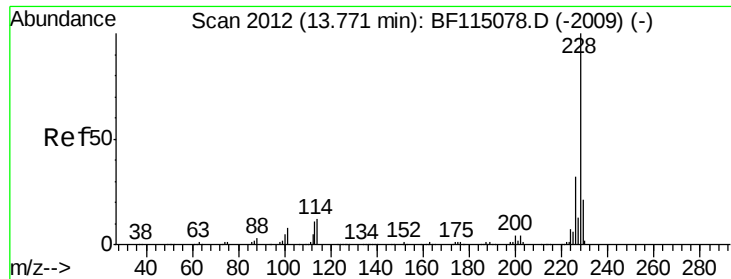
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#82
3,3'-Dichlorobenzidine
Concen: 17.784 ng
RT: 13.68 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.1	76.7
126	12.0	9.4	14.0





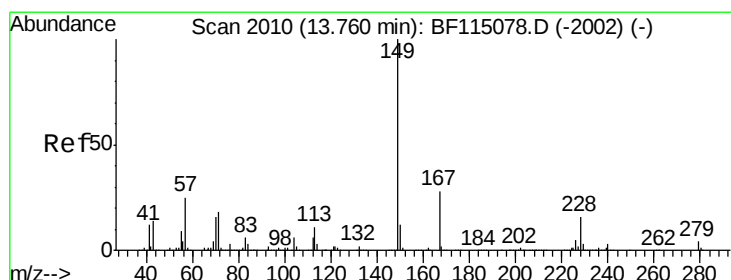
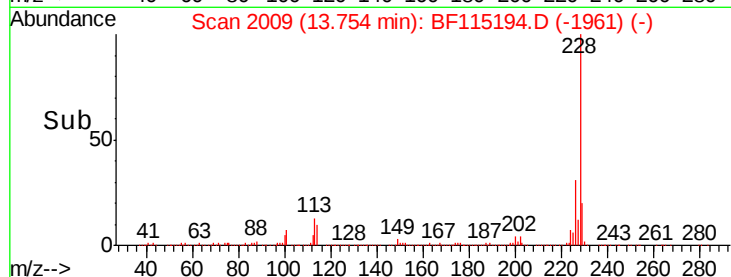
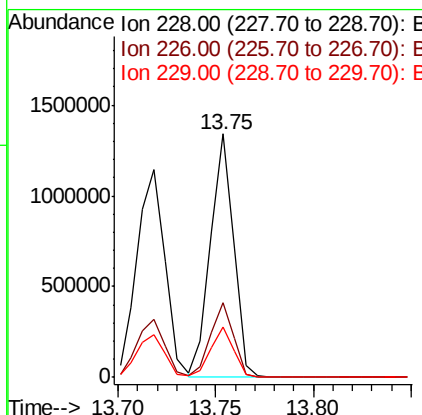
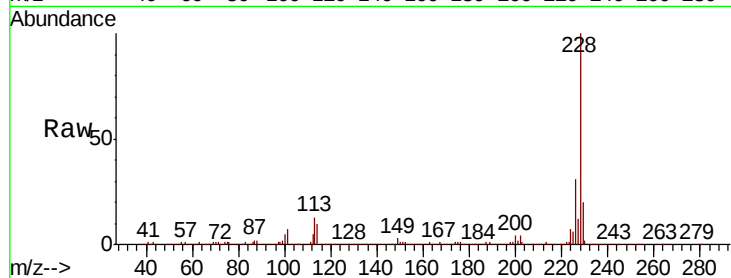
#83
Chrysene
Concen: 29.215 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:228 Resp: 1106736
Ion Ratio Lower Upper
228 100
226 30.8 25.4 38.0
229 20.5 16.5 24.7

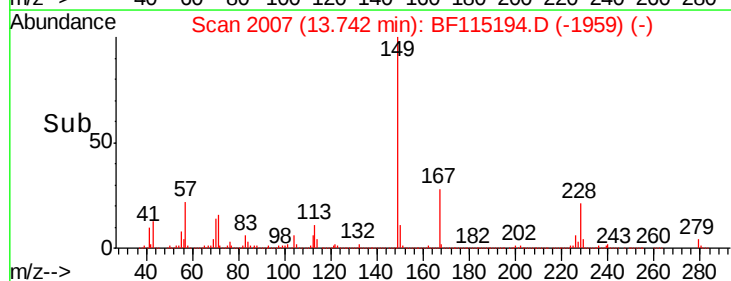
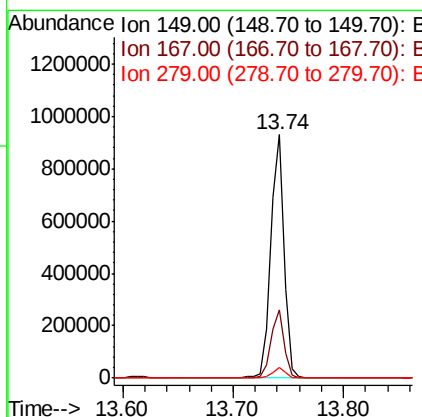
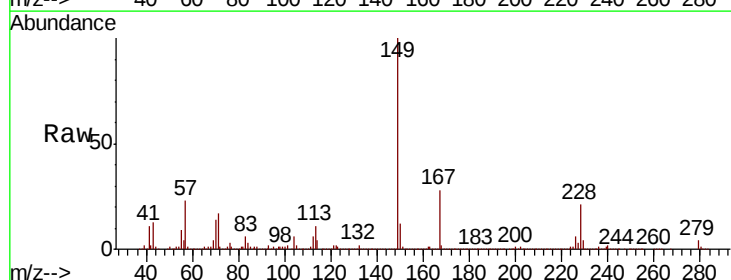
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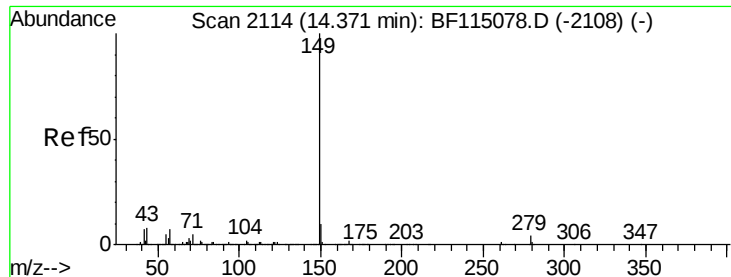
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 30.521 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:149 Resp: 781721
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 31.013 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

Tot Ion:149 Resp: 1334618

Ion Ratio Lower Upper

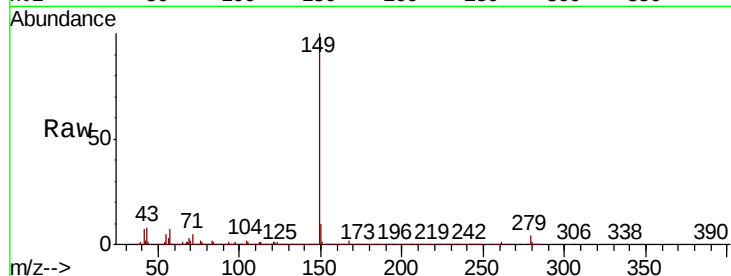
149 100

167 1.6 1.2 1.8

43 8.5 7.0 10.6

Manual Integrations
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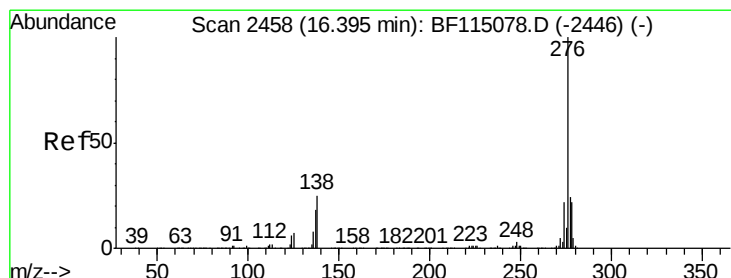
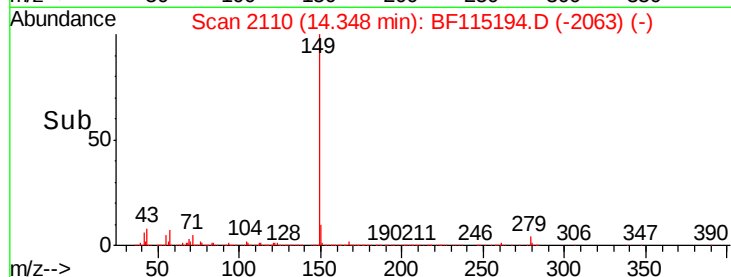
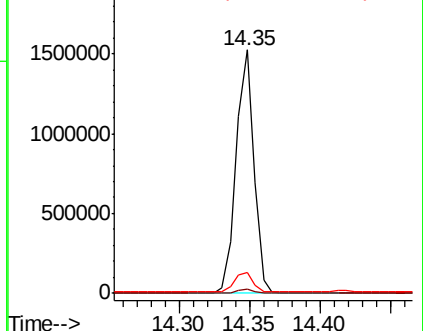
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.347 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.04 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

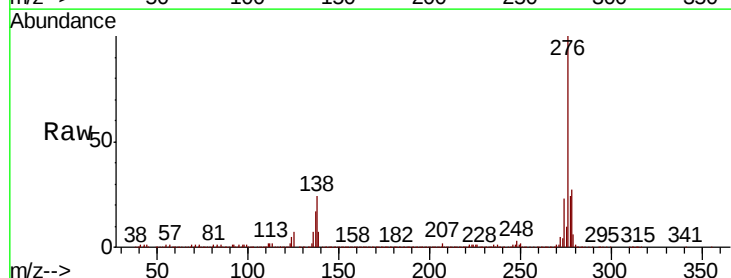
Tgt Ion:276 Resp: 1360325

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

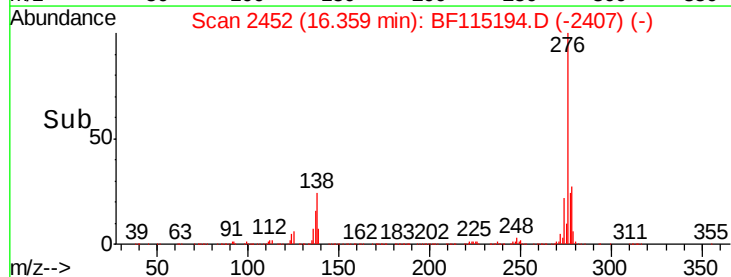
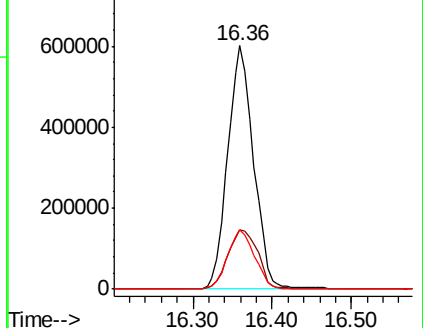
277 25.4 20.1 30.1

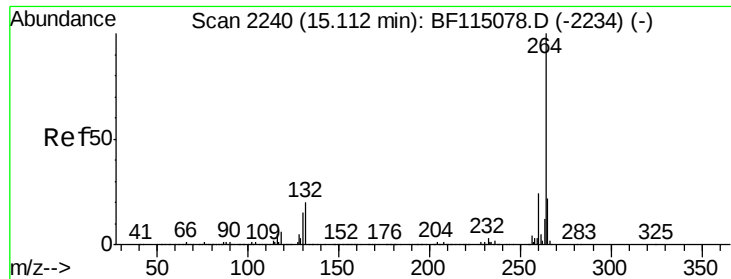


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





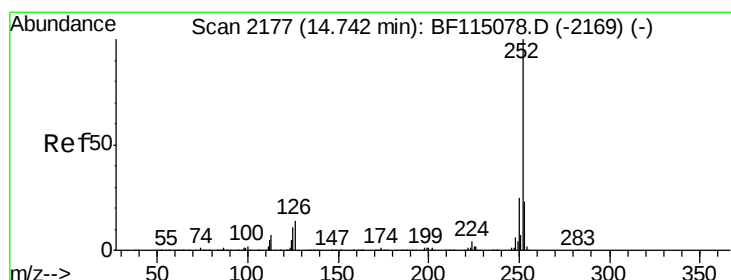
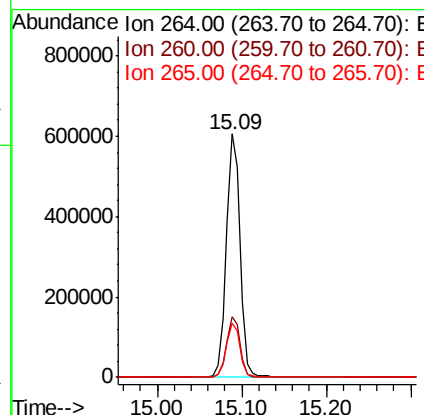
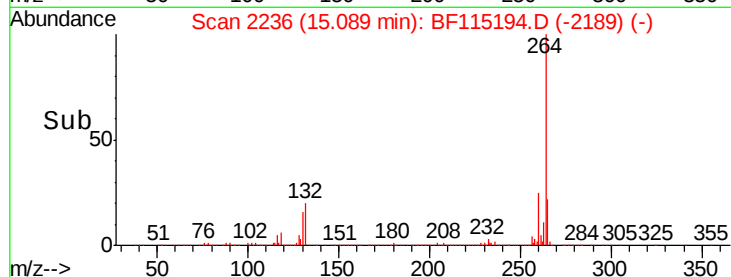
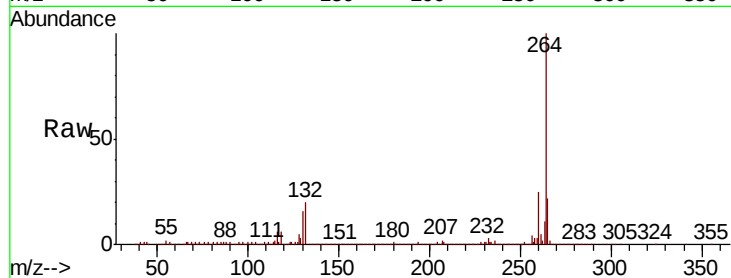
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.8	19.6	29.4		
265	22.2	17.3	25.9		

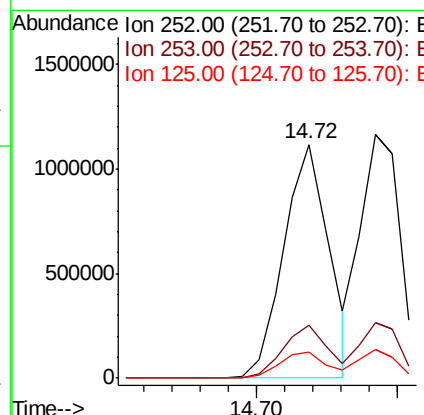
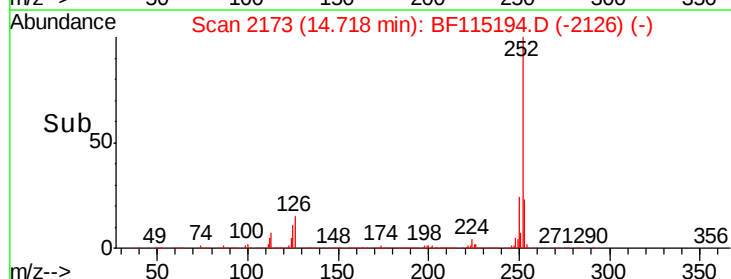
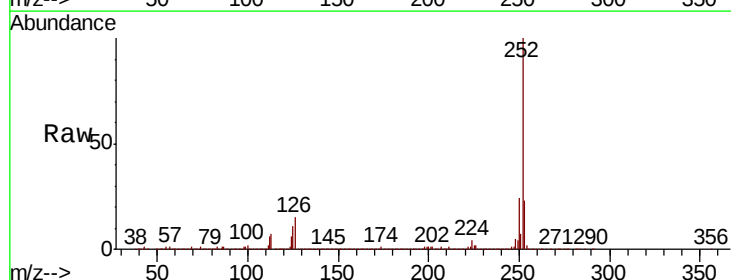
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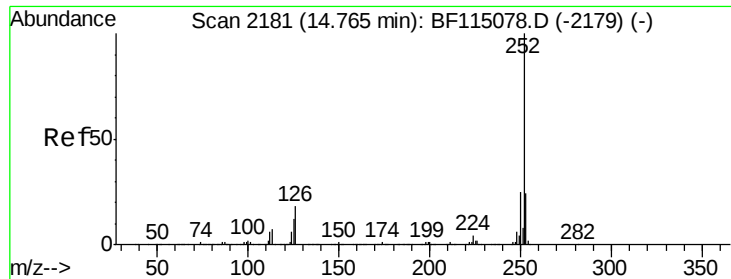
mohammad
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#88
Benzo(b)fluoranthene
Concen: 28.810 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.6	18.1	27.1		
125	11.4	8.7	13.1		





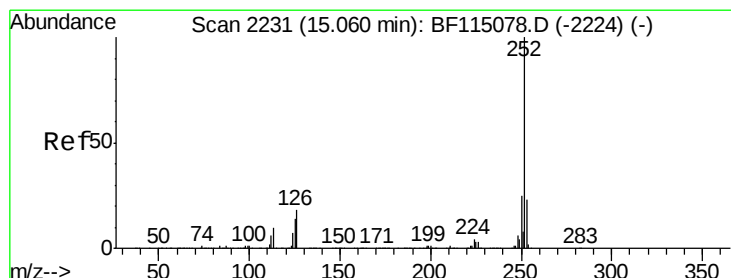
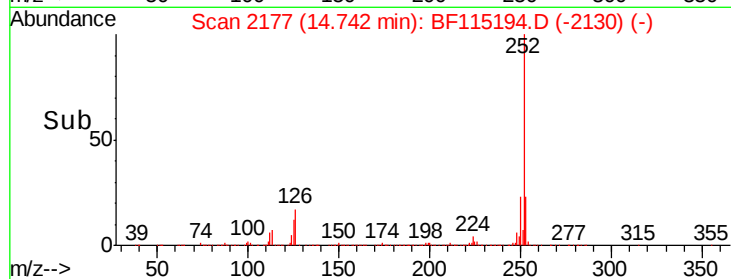
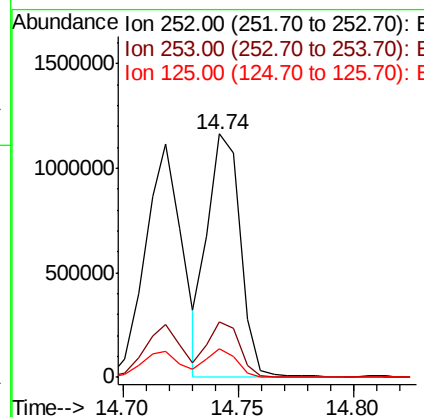
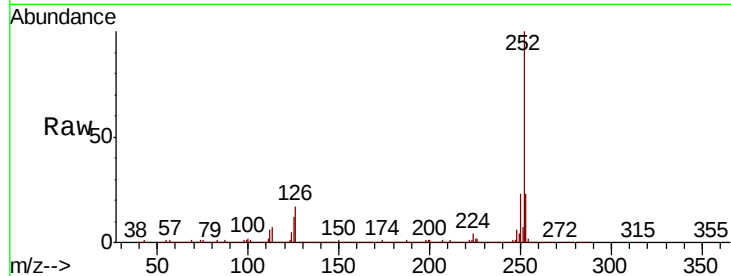
#89
Benzo(k)fluoranthene
Concen: 29.582 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	11.8	10.2	15.2

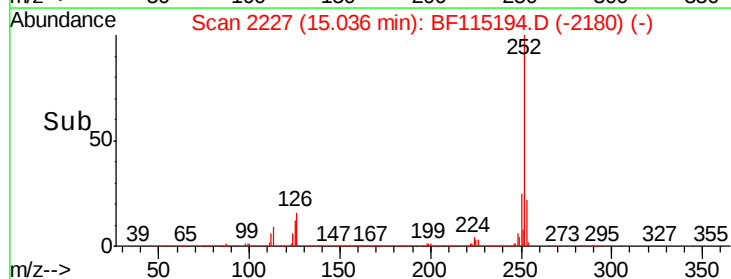
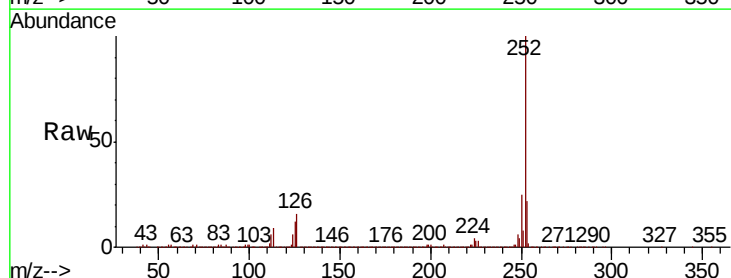
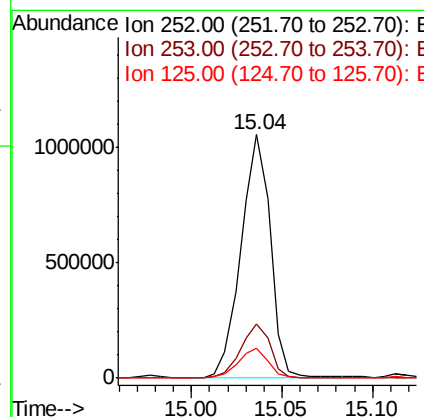
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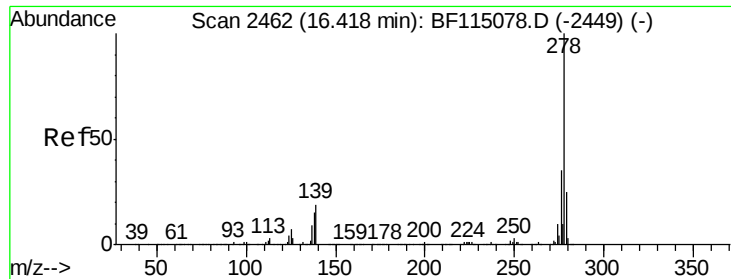
mohammad
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#90
Benzo(a)pyrene
Concen: 30.648 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	12.4	10.9	16.3





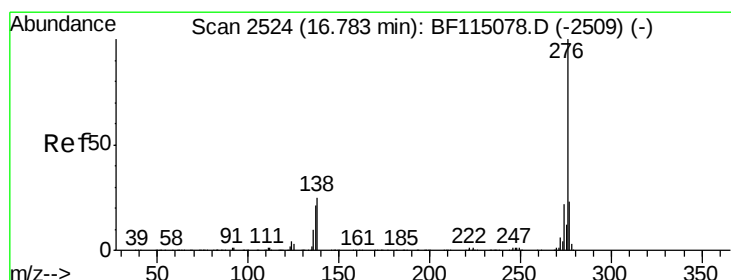
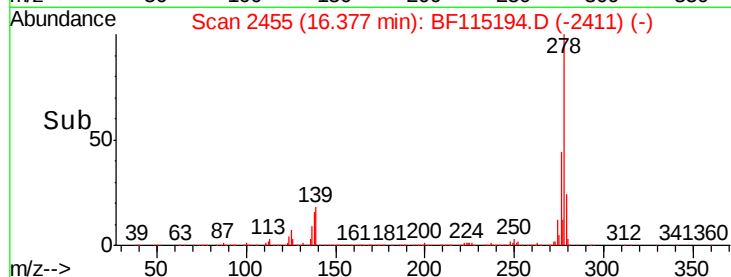
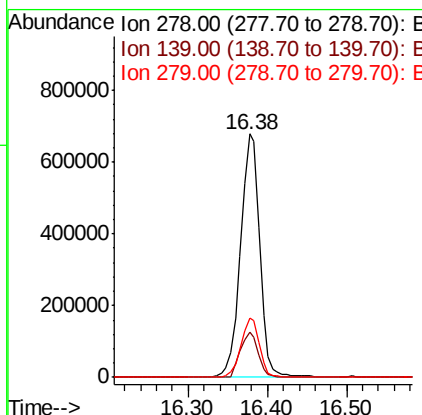
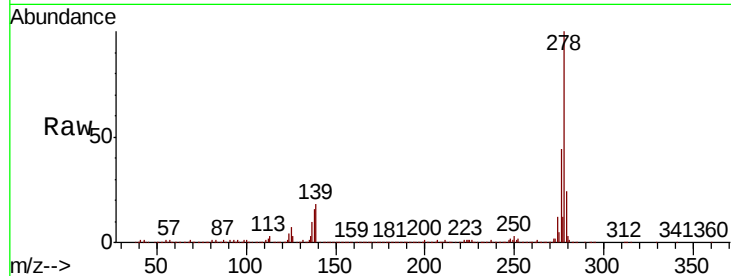
#91
Dibenzo(a,h)anthracene
Concen: 31.432 ng
RT: 16.38 min Scan# 2455
Delta R.T. -0.04 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.4	23.2
279	24.3	19.9	29.9

Manual Integrations
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6/26/2019 2:03:27 PM



#92
Benzo(g,h,i)perylene
Concen: 30.459 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	23.8	19.8	29.6

