

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115178.D
 Acq On : 25 Jun 2019 9:44
 Operator : HP/JU
 Sample : PB120877BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Manual Integrations
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mohammad
 6/26/2019 2:03:04 PM

Quant Time: Jun 26 06:33:22 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	270863	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1072494	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	534430	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1060499	20.00	ng	0.00
76) Chrysene-d12	13.74	240	716126	20.00	ng	-0.01
87) Perylene-d12	15.09	264	785761	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1979472	112.78	ng	0.02
7) Phenol-d6	6.26	99	2409416	113.10	ng	0.00
23) Nitrobenzene-d5	7.18	82	1500611	86.07	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	699134	124.05	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2775780	88.22	ng	0.00
79) Terphenyl-d14	12.70	244	2880767	85.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	305993	36.939	ng	99
3) Pyridine	2.94	79	834801	35.755	ng	99
4) n-Nitrosodimethylamine	2.88	42	344335	37.620	ng	96
6) Aniline	6.27	93	721940	24.656	ng	# 1
8) 2-Chlorophenol	6.40	128	828485	41.977	ng	99
9) Benzaldehyde	6.15	77	118557	8.530	ng	98
10) Phenol	6.27	94	948861	38.023	ng	91
11) bis(2-Chloroethyl)ether	6.36	93	747733	40.648	ng	98
12) 1,3-Dichlorobenzene	6.55	146	874717	39.934	ng	99
13) 1,4-Dichlorobenzene	6.63	146	881616	40.138	ng	99
14) 1,2-Dichlorobenzene	6.78	146	820206	40.323	ng	98
15) Benzyl Alcohol	6.76	79	578292	37.278	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1067598	40.014	ng	95
17) 2-Methylphenol	6.88	107	737561	45.274	ng	98
18) Hexachloroethane	7.12	117	316648	39.987	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	531975	39.003	ng	99
20) 3+4-Methylphenols	7.03	107	819155	43.546	ng	96
22) Acetophenone	7.02	105	1087916	44.309	ng	# 97
24) Nitrobenzene	7.20	77	841000	43.785	ng	99
25) Isophorone	7.44	82	1551850	43.450	ng	99
26) 2-Nitrophenol	7.51	139	474748	50.050	ng	100
27) 2,4-Dimethylphenol	7.56	122	782685	50.397	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	962958	42.658	ng	99
29) 2,4-Dichlorophenol	7.75	162	733143	45.744	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	776031	43.835	ng	100
31) Naphthalene	7.92	128	2310931	43.896	ng	100
32) Benzoic acid	7.70	122	627187	56.576	ng	99
33) 4-Chloroaniline	7.97	127	557305	23.163	ng	98
34) Hexachlorobutadiene	8.04	225	419581	43.249	ng	98
35) Caprolactam	8.34	113	243538m	45.196	ng	
36) 4-Chloro-3-methylphenol	8.46	107	746693	46.004	ng	97
37) 2-Methylnaphthalene	8.61	142	1608834	45.323	ng	99
38) 1-Methylnaphthalene	8.71	142	1515973	44.717	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	682626	45.201	ng	99

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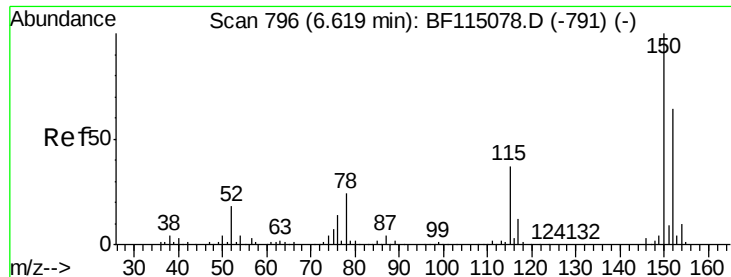
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	714065	79.739	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	530604	45.509	nq	100
44) 2,4,5-Trichlorophenol	8.93	196	580386	48.338	nq	99
46) 1,1'-Biphenyl	9.07	154	1869302	43.714	nq	99
47) 2-Chloronaphthalene	9.09	162	1496647	43.148	nq	97
48) 2-Nitroaniline	9.18	65	455355	45.029	nq	98
49) Acenaphthylene	9.51	152	2307644	42.700	nq	98
50) Dimethylphthalate	9.38	163	1734105	44.103	nq	100
51) 2,6-Dinitrotoluene	9.43	165	419090	46.168	nq	99
52) Acenaphthene	9.68	154	1420681	42.011	nq	99
53) 3-Nitroaniline	9.60	138	318964	28.794	nq	97
54) 2,4-Dinitrophenol	9.70	184	469859	98.700	nq	93
55) Dibenzofuran	9.85	168	2039923	42.028	nq	98
56) 4-Nitrophenol	9.77	139	778672	87.679	nq	97
57) 2,4-Dinitrotoluene	9.83	165	558887	47.682	nq	92
58) Fluorene	10.19	166	1402240	43.116	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	493102	48.977	nq	98
60) Diethylphthalate	10.08	149	1701757	43.056	nq	100
61) 4-Chlorophenyl-phenylether	10.18	204	680728	44.207	nq	97
62) 4-Nitroaniline	10.21	138	472721	42.538	nq	97
63) Azobenzene	10.34	77	1557638	42.193	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	275354	48.715	nq	84
66) n-Nitrosodiphenylamine	10.31	169	1427117	43.194	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	490619	42.670	nq	96
68) Hexachlorobenzene	10.74	284	536971	43.025	nq	99
69) Atrazine	10.84	200	458395	43.130	nq	100
70) Pentachlorophenol	10.92	266	679538	85.467	nq	98
71) Phenanthrene	11.14	178	2277861	39.893	nq	99
72) Anthracene	11.20	178	2361336	40.969	nq	99
73) Carbazole	11.34	167	2176101	42.281	nq	98
74) Di-n-butylphthalate	11.70	149	2464624	41.440	nq	99
75) Fluoranthene	12.32	202	2380191	41.780	nq	99
77) Benzidine	12.44	184	836217	26.297	nq	100
78) Pyrene	12.54	202	2435213	44.249	nq	98
80) Butylbenzylphthalate	13.18	149	1136955	46.813	nq	97
81) Benzo(a)anthracene	13.72	228	2254401	43.873	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	730904	39.390	nq	99
83) Chrysene	13.77	228	2103701	44.694	nq	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1458043	45.816	nq	# 98
85) Di-n-octyl phthalate	14.35	149	2520347	47.136	nq	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2617693	46.999	nq	99
88) Benzo(b)fluoranthene	14.73	252	2573519	52.490	nq	99
89) Benzo(k)fluoranthene	14.75	252	1991525	45.294	nq	100
90) Benzo(a)pyrene	15.05	252	2275550	51.494	nq	99
91) Dibenzo(a,h)anthracene	16.40	278	2132177	51.683	nq	98
92) Benzo(g,h,i)perylene	16.76	276	2209156	52.908	nq	99

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



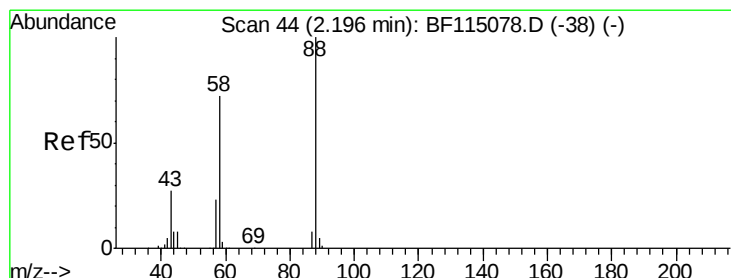
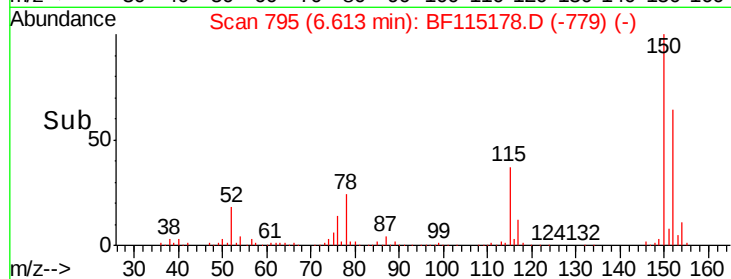
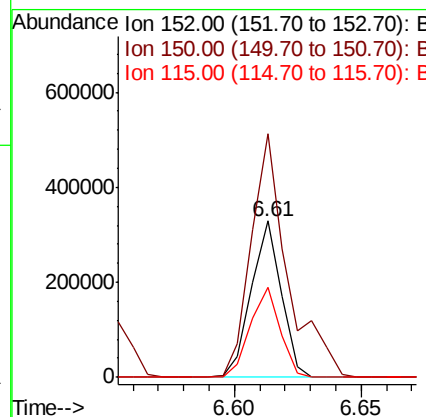
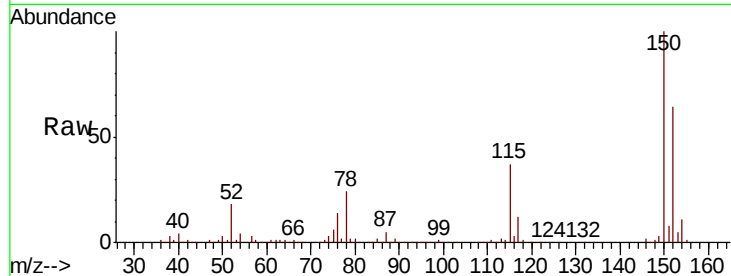
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	57.8	46.1	69.1

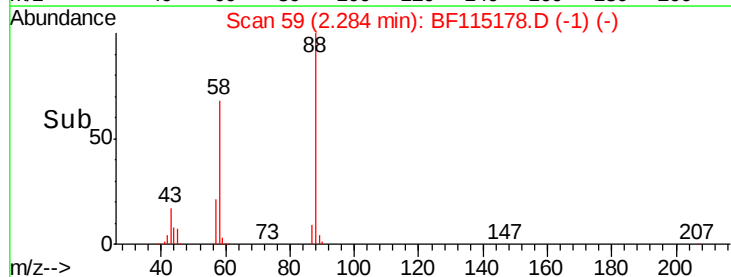
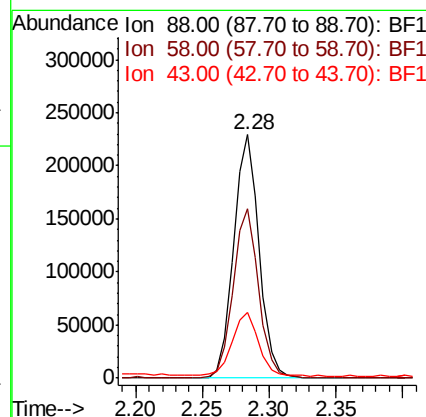
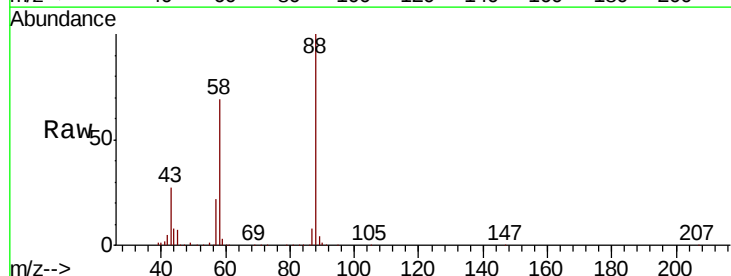
Manual Integrations
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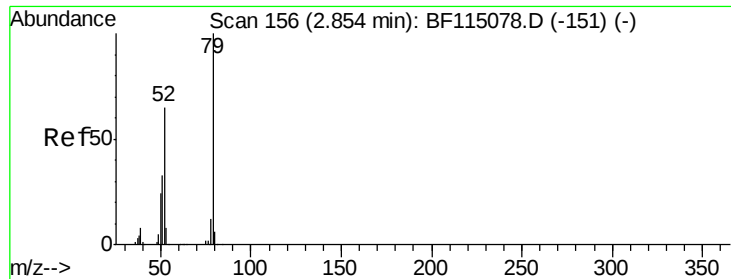
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#2
 1,4-Dioxane
 Concen: 36.939 ng
 RT: 2.28 min Scan# 59
 Delta R.T. 0.09 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	56.1	84.1
43	27.2	21.3	31.9





#3

Pvridine

Concen: 35.755 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

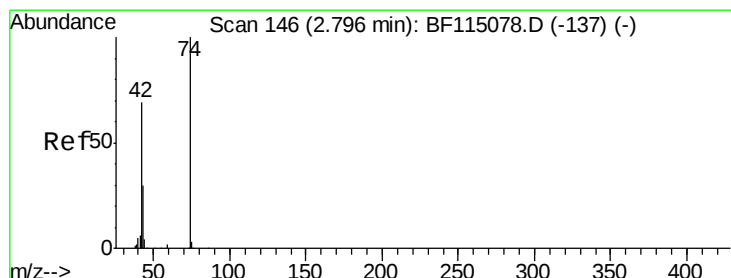
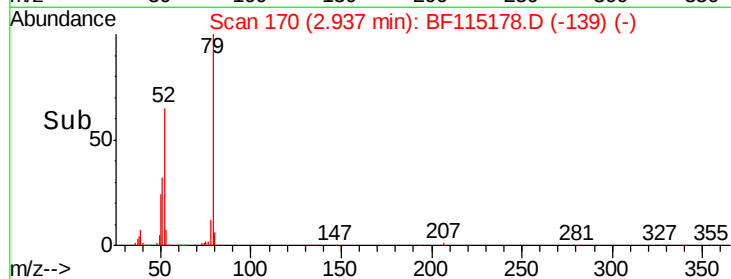
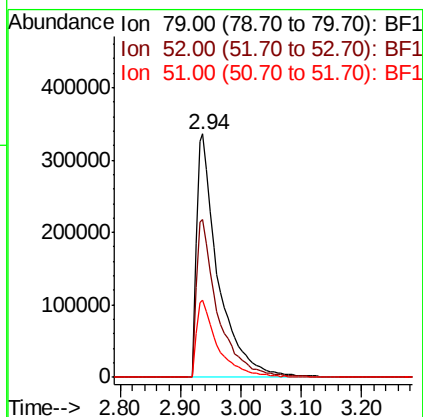
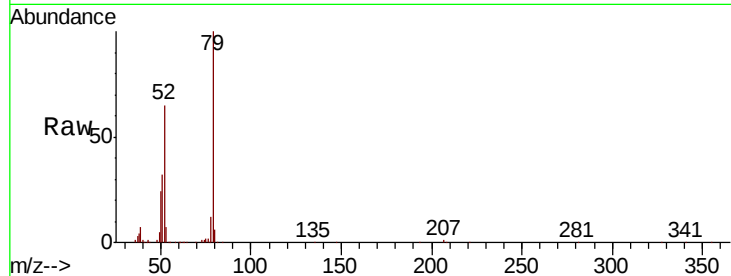
ClientSampleId :

PB120877BS

Tot Ion:	79	Resp:	834801
Ion Ratio	Lower	Upper	
79	100		
52	64.8	52.3	78.5
51	31.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 37.620 ng

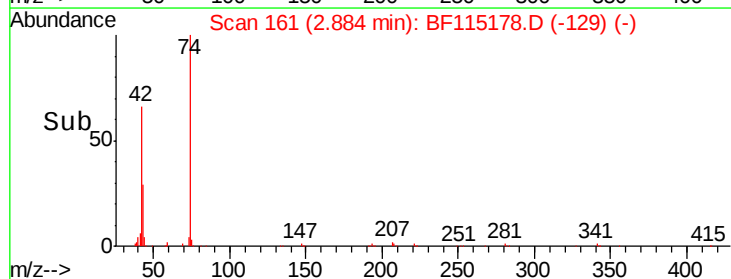
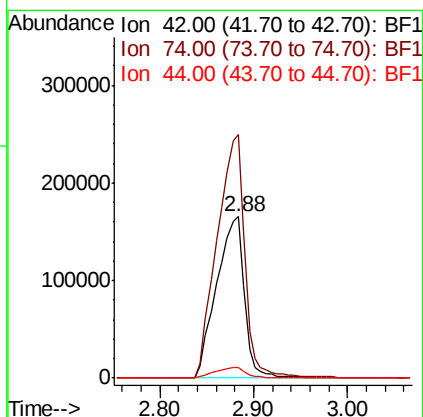
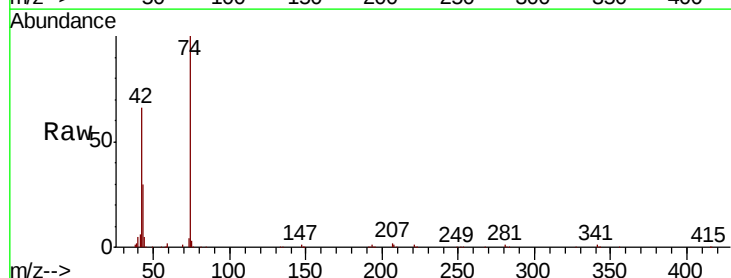
RT: 2.88 min Scan# 161

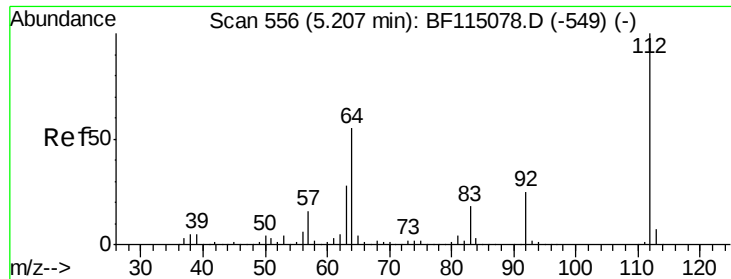
Delta R.T. 0.09 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Tgt Ion:	42	Resp:	344335
Ion Ratio	Lower	Upper	
42	100		
74	151.0	116.6	175.0
44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 112.775 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

Tot Ion:112 Resp: 1979472

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

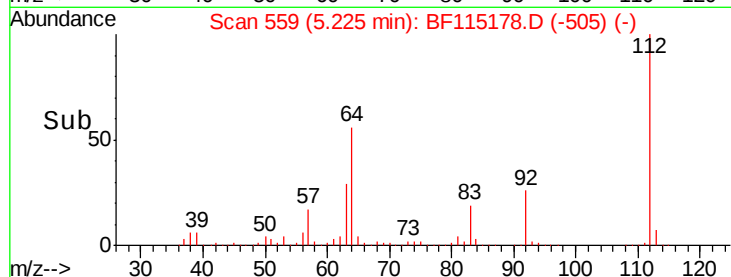
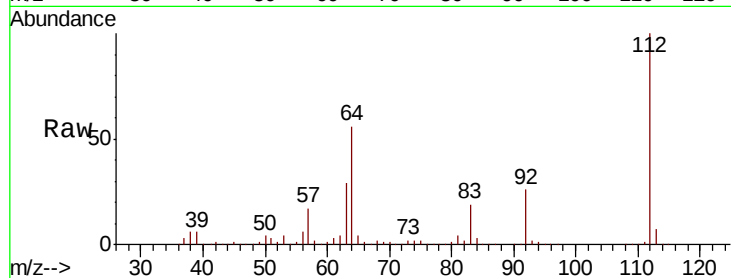
63 29.0 22.2 33.4

Manual Integrations

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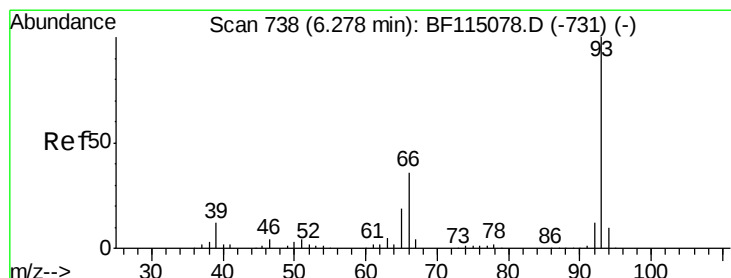
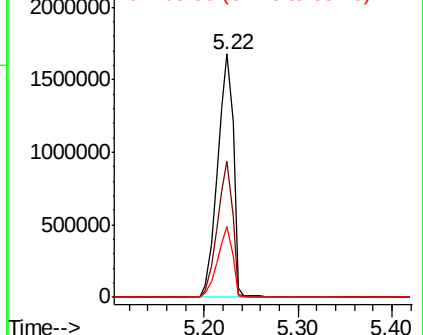
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.656 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

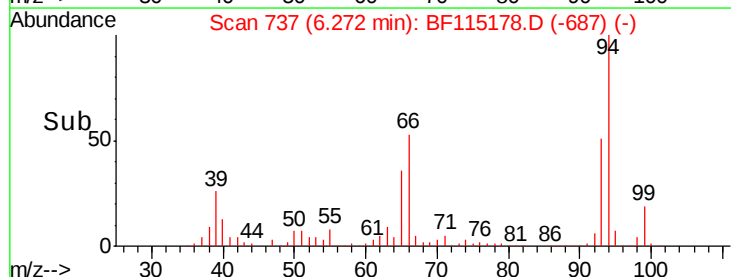
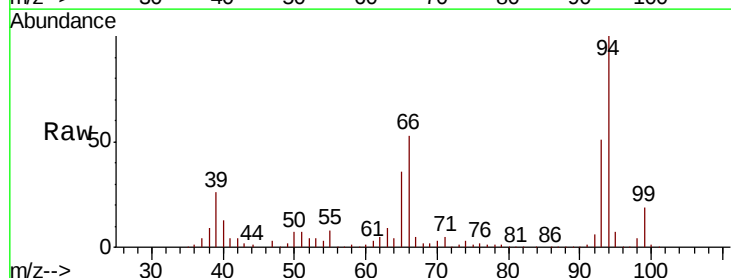
Tgt Ion: 93 Resp: 721940

Ion Ratio Lower Upper

93 100

66 102.9 30.0 45.0#

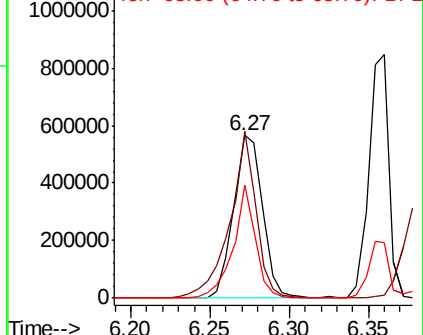
65 69.9 15.6 23.4#

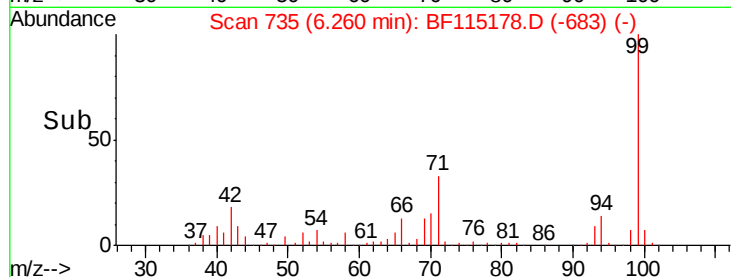
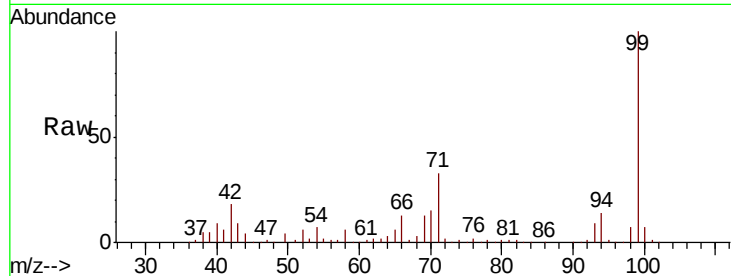
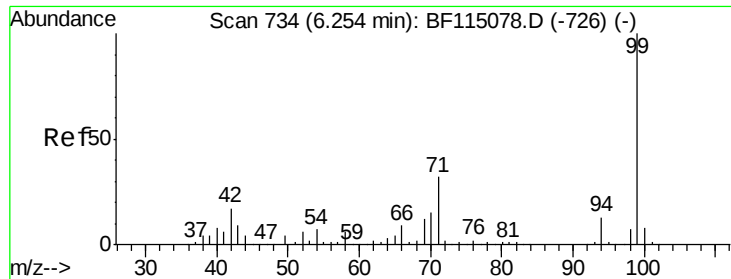


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.095 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Tot Ion:	99	Resp:	2409416
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.6	20.4
71	33.4	25.5	38.3

Instrument :

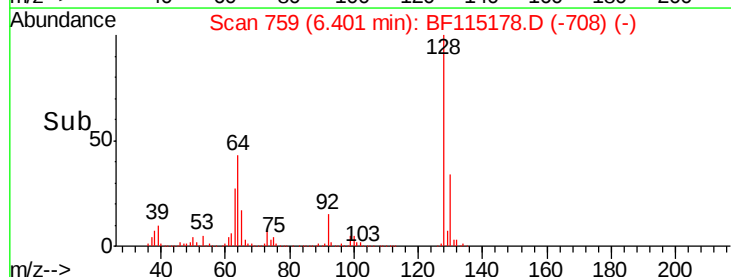
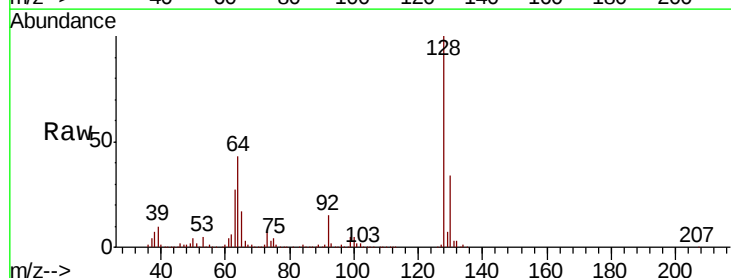
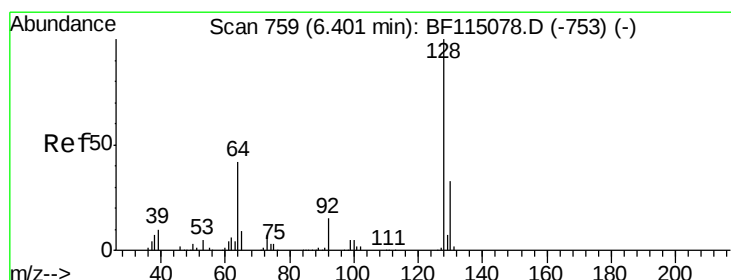
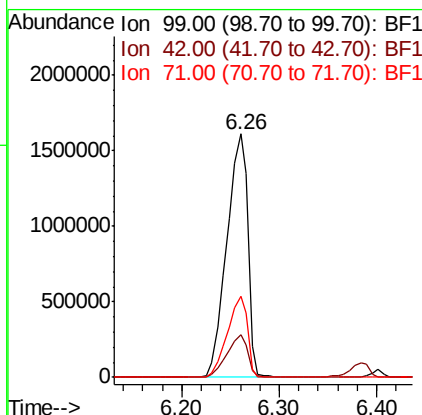
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#8

2-Chlorophenol

Concen: 41.977 ng

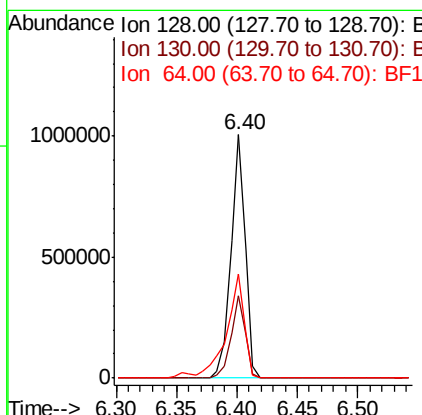
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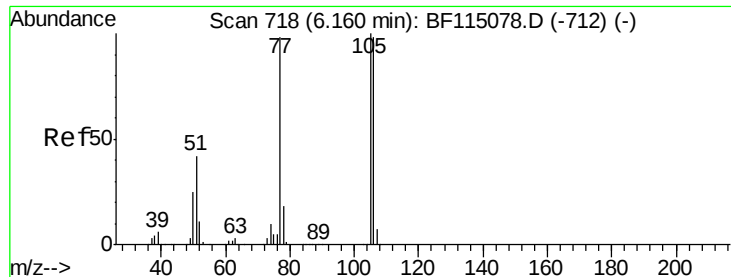
Delta R.T. 0.00 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Tgt Ion:	128	Resp:	828485
Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.9	52.9
64	42.7	22.9	62.9





#9

Benzaldehyde

Concen: 8.530 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

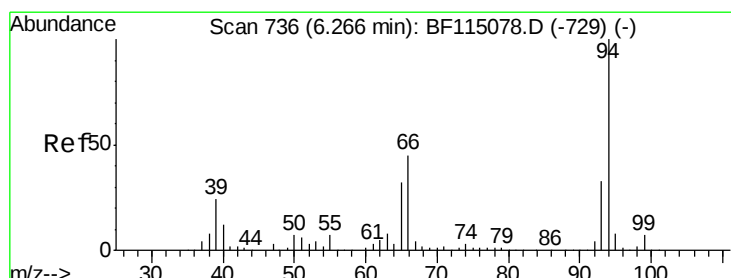
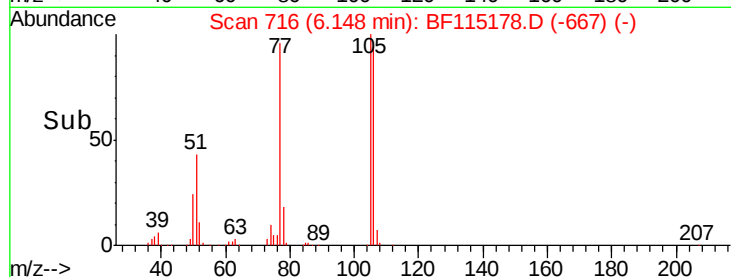
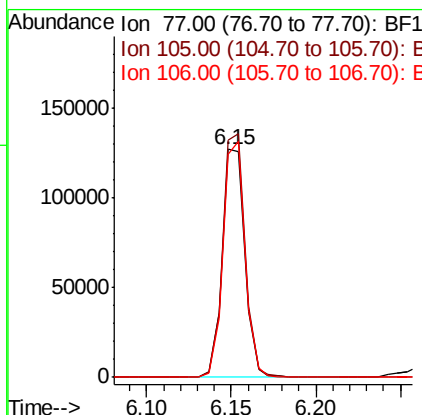
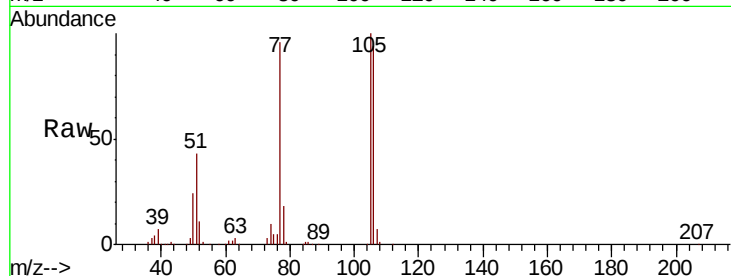
ClientSampleId :

PB120877BS

Tot Ion:	77	Resp:	118557
Ion	Ratio	Lower	Upper
77	100		
105	104.0	81.5	121.5
106	97.9	79.7	119.7

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#10

Phenol

Concen: 38.023 ng

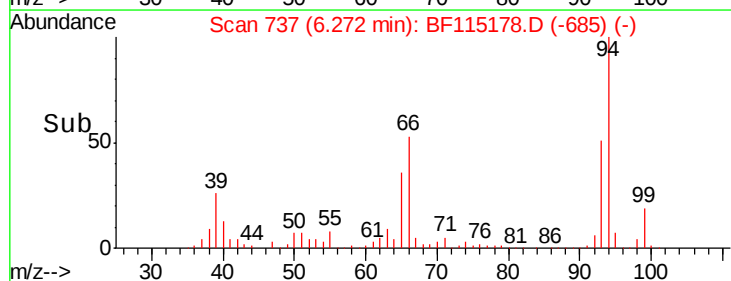
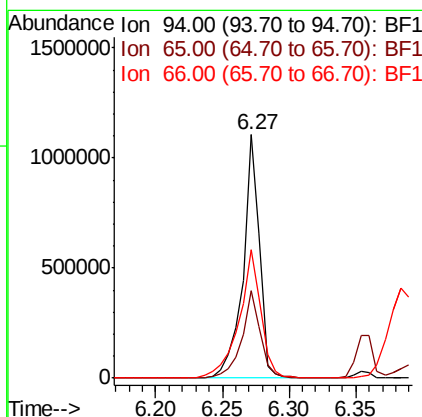
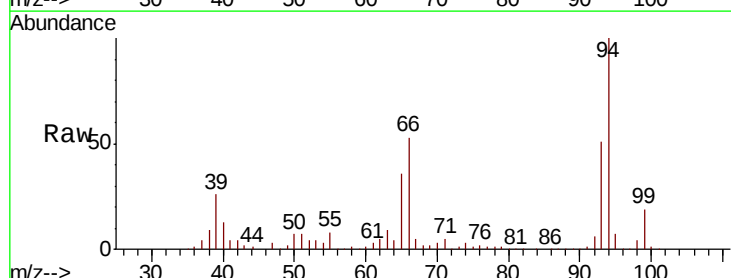
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Tgt Ion:	94	Resp:	948861
Ion	Ratio	Lower	Upper
94	100		
65	35.7	11.9	51.9
66	52.5	25.2	65.2





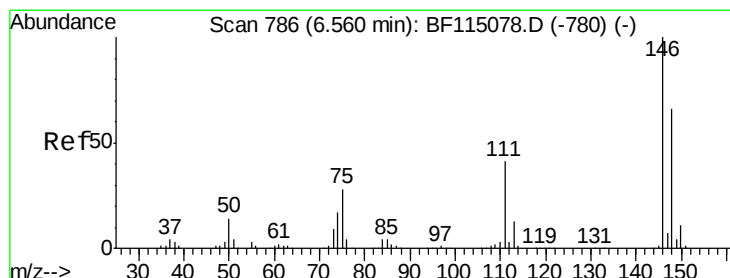
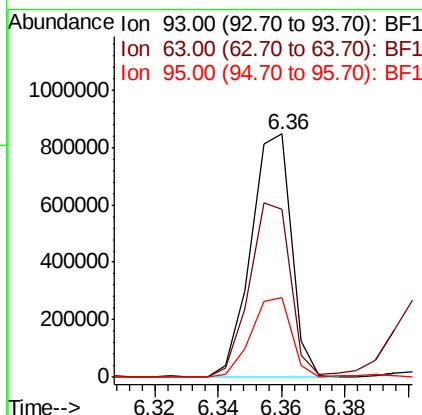
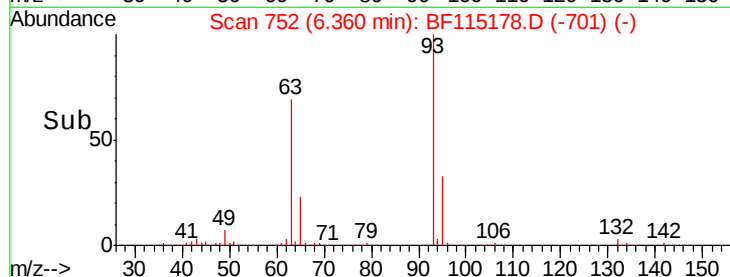
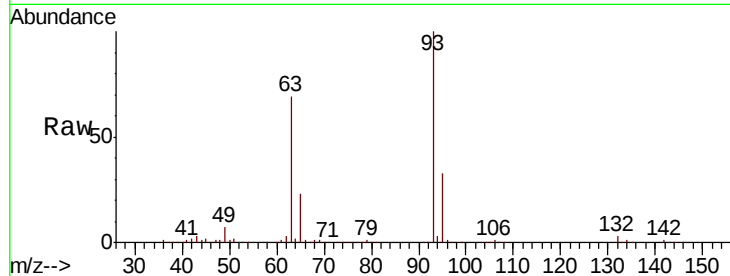
#11
bis(2-Chloroethyl)ether
Concen: 40.648 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		747733		
63	69.1	51.5	91.5		
95	32.9	13.4	53.4		

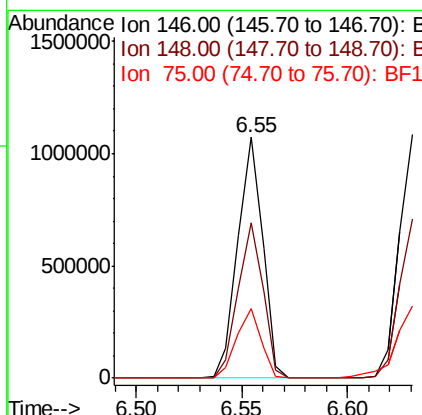
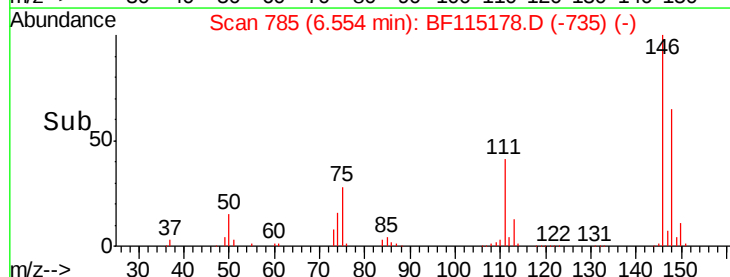
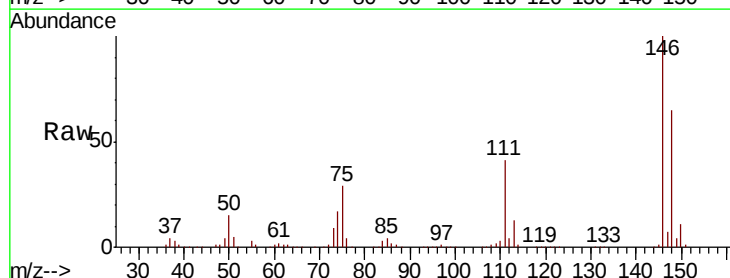
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 39.934 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		874717		
148	64.7	52.6	78.8		
75	28.7	22.6	34.0		





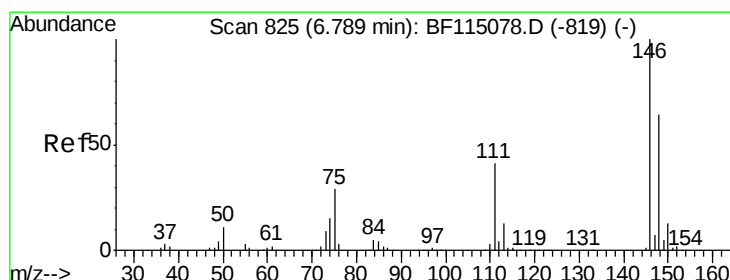
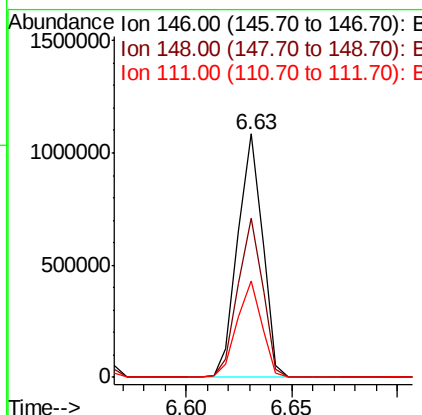
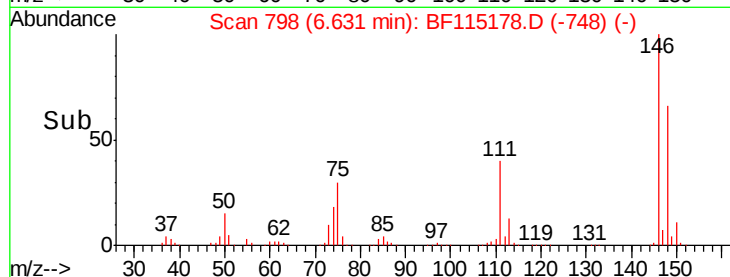
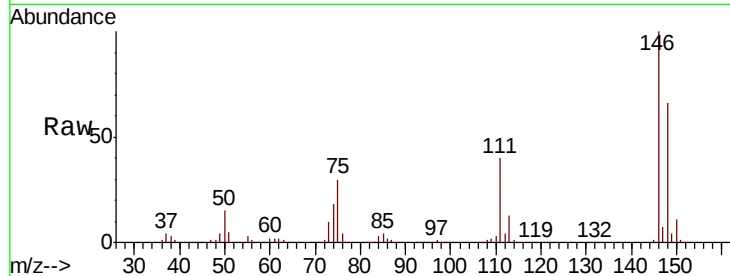
#13
1,4-Dichlorobenzene
Concen: 40.138 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampled :
PB120877BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	39.6	31.4	47.0

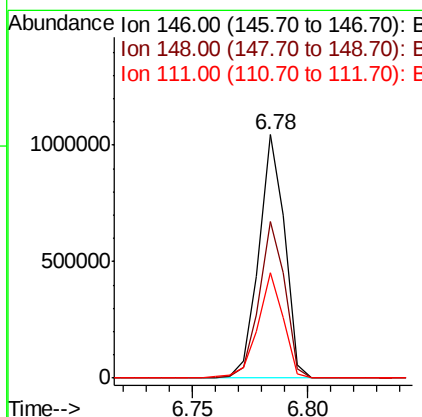
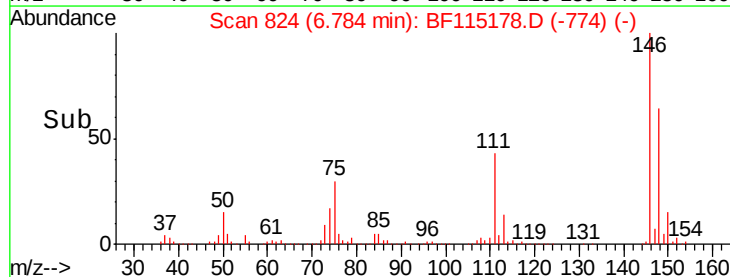
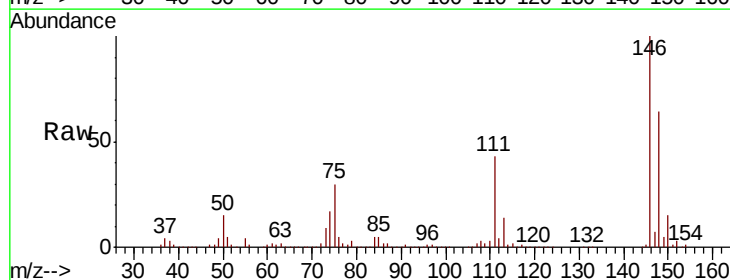
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 40.323 ng
RT: 6.78 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	43.3	33.2	49.8





#15

Benzyl Alcohol

Concen: 37.278 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

Tot Ion: 79 Resp: 578292

Ion Ratio Lower Upper

79 100

108 82.6 68.7 103.1

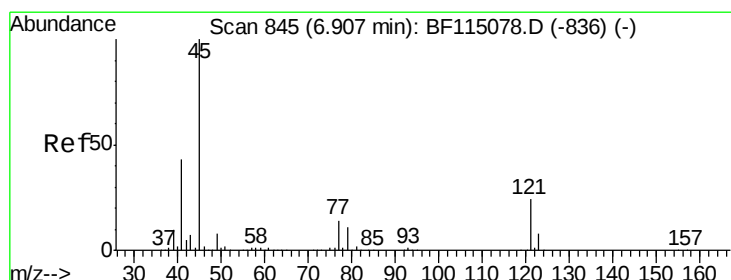
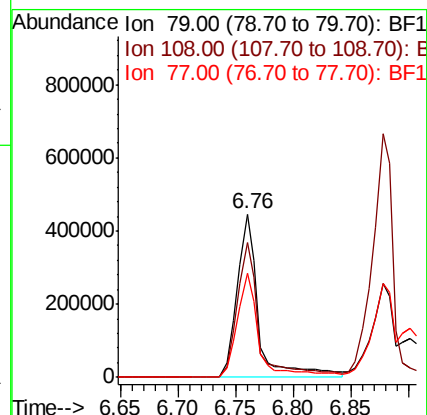
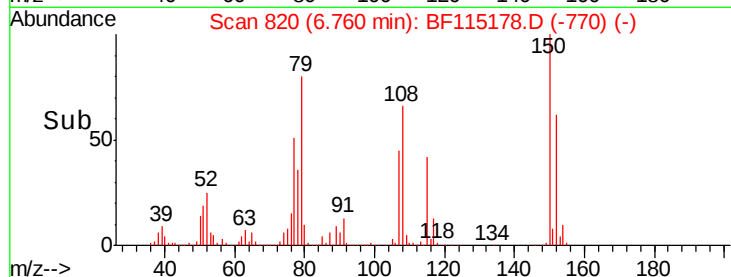
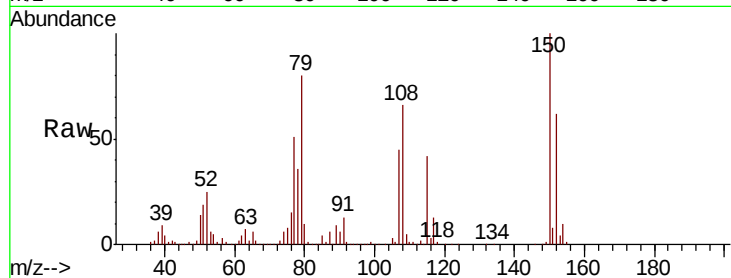
77 64.0 51.7 77.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.014 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

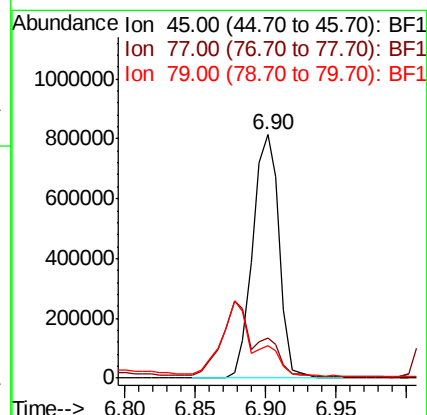
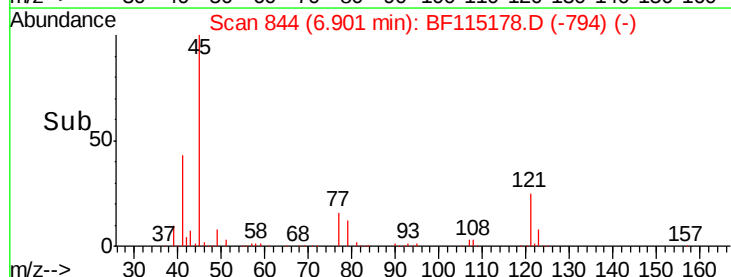
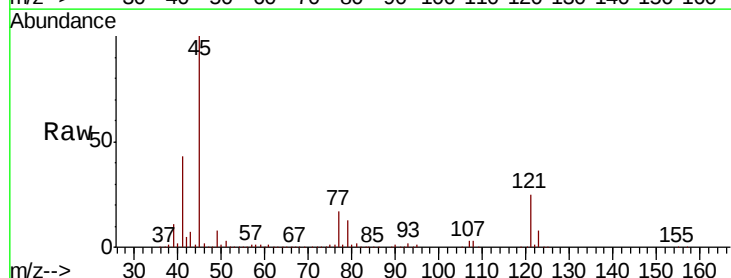
Tgt Ion: 45 Resp: 1067598

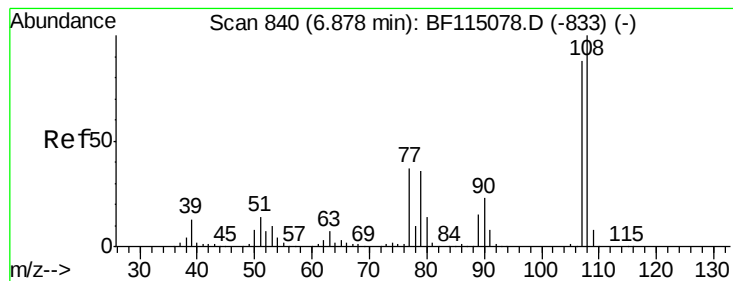
Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.6

79 13.1 0.0 31.2





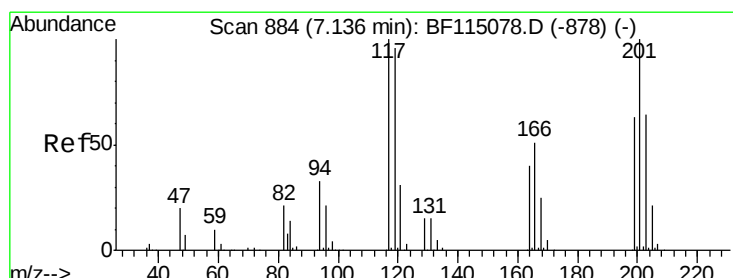
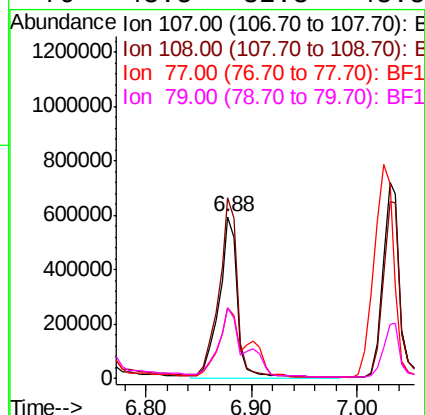
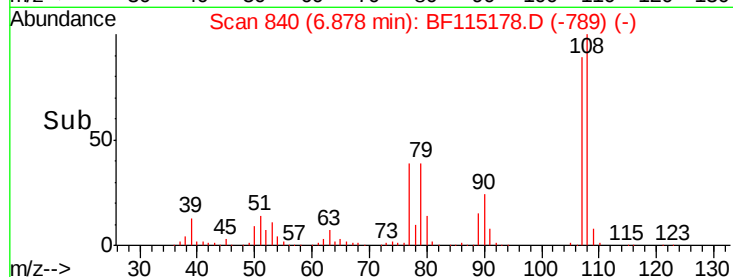
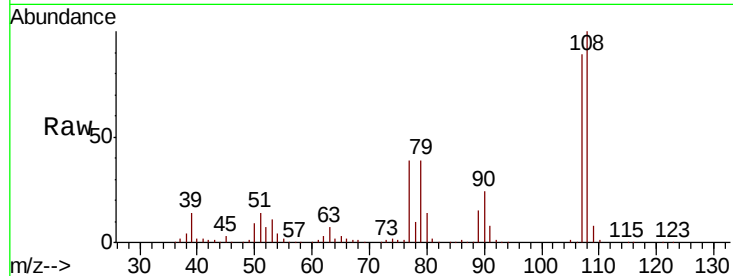
#17
2-Methylphenol
Concen: 45.274 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	90.9	136.3	
77	43.5	33.4	50.2	
79	43.5	32.3	48.5	

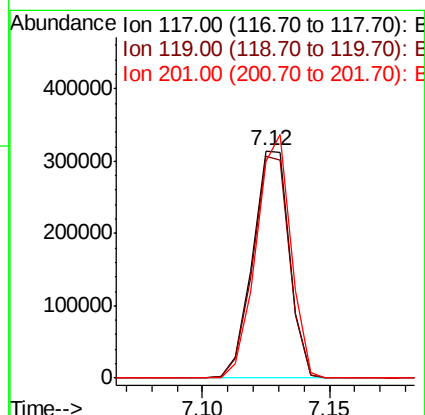
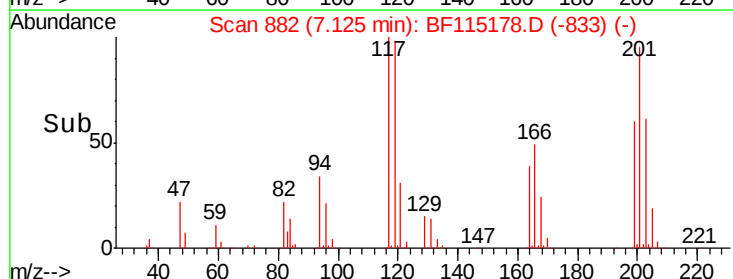
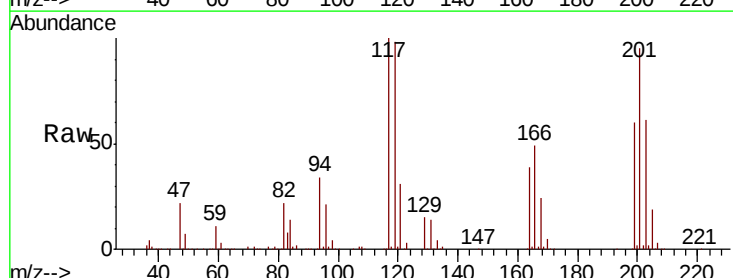
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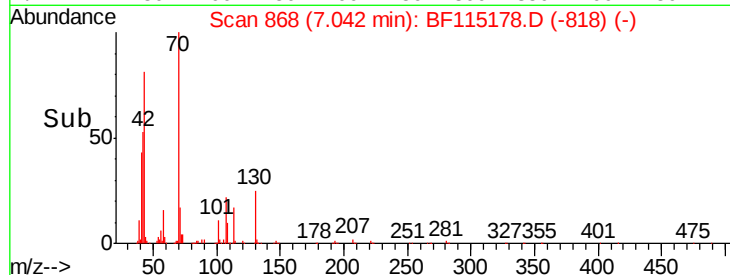
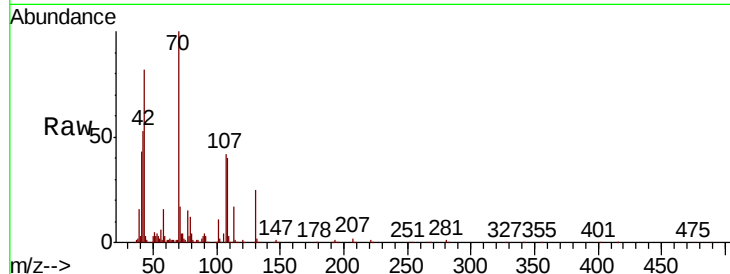
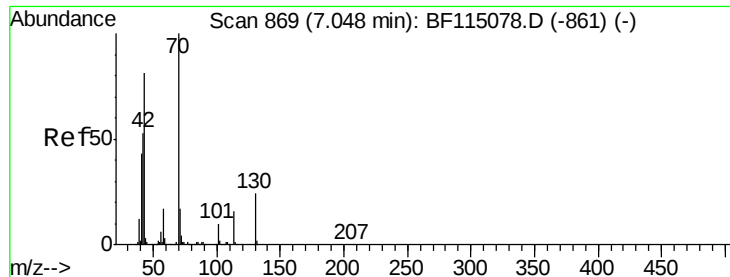
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#18
Hexachloroethane
Concen: 39.987 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.6	114.8	
201	95.3	80.2	120.2	





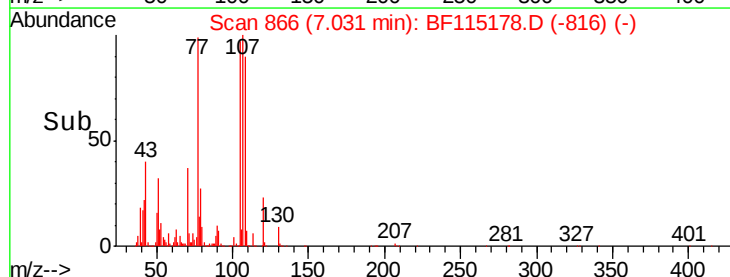
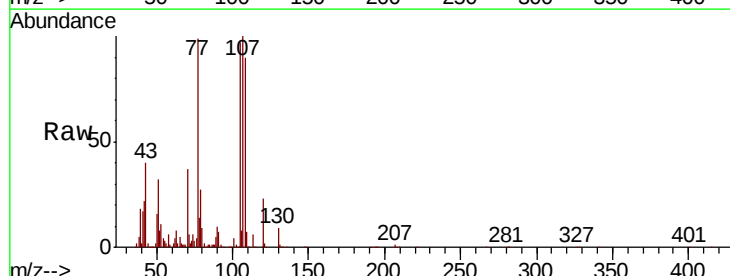
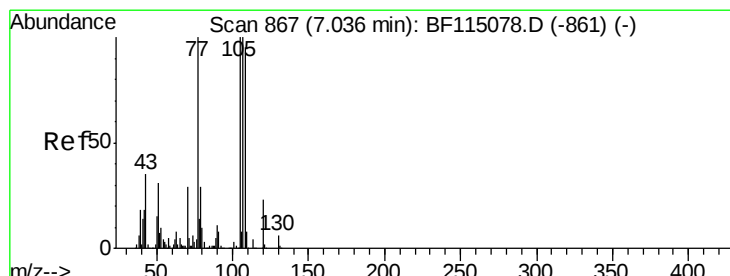
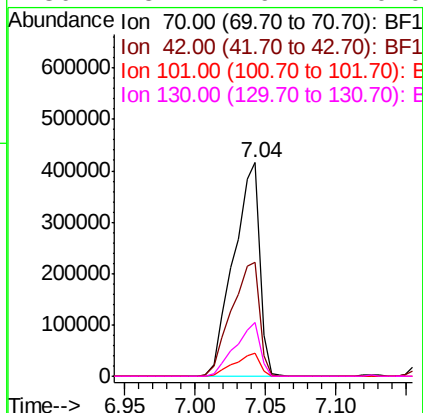
#19
n-Nitroso-di-n-propylamine
Concen: 39.003 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.2	42.6	63.8		
101	10.6	8.0	12.0		
130	25.4	19.4	29.0		

Instrument :
BNA_F
ClientSampleId :
PB120877BS

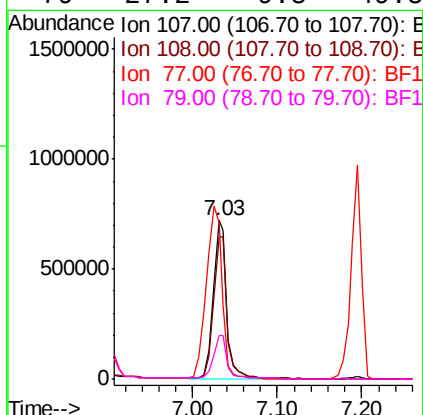
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#20
3+4-Methylphenols
Concen: 43.546 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.6	75.5	115.5		
77	98.8	80.2	120.2		
79	27.2	9.5	49.5		





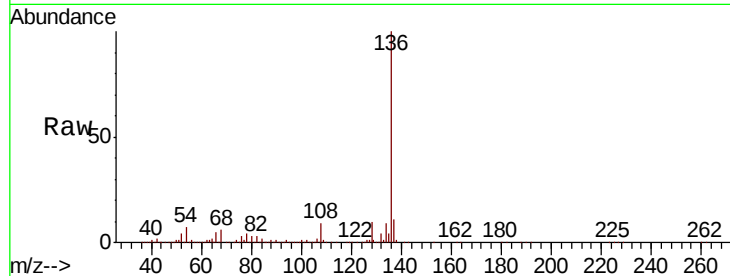
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	136	Resp	1072494
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.6	8.4
68	5.7	4.8	7.2

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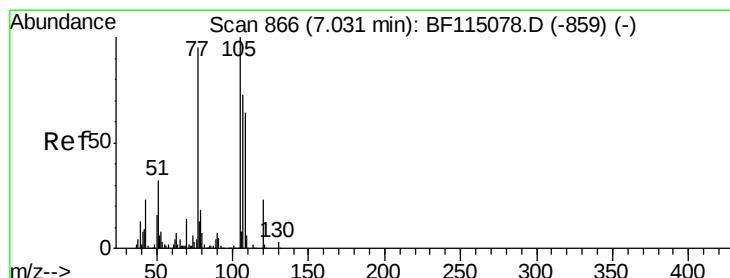
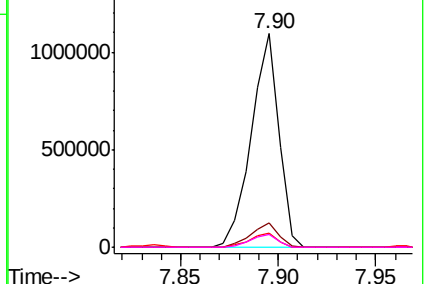
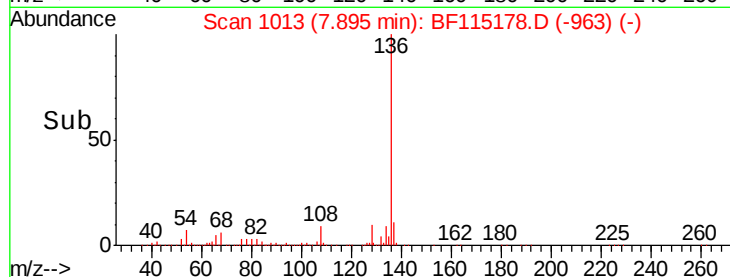
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

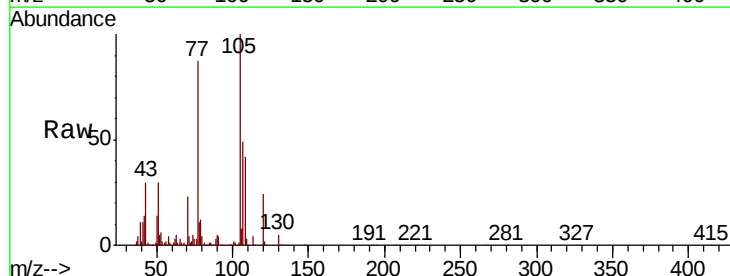
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.309 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	105	Resp	1087916
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	29.9	25.8	38.8
120	23.8	18.5	27.7



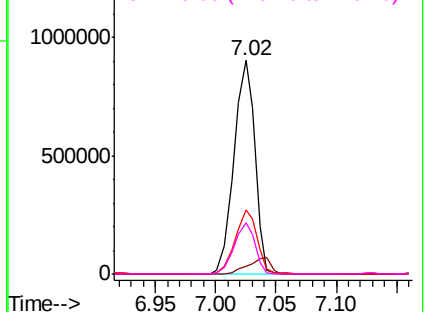
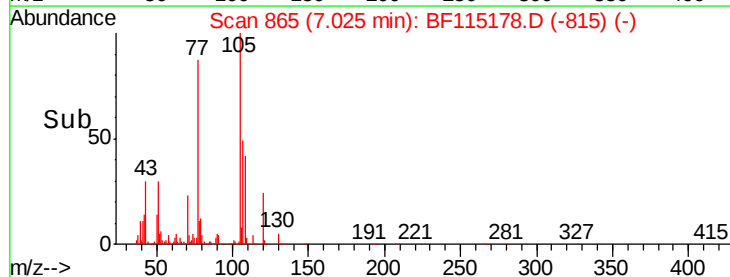
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





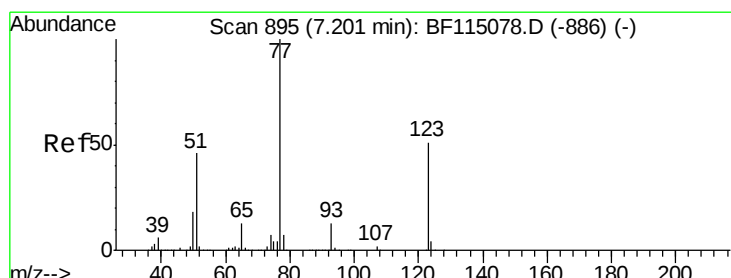
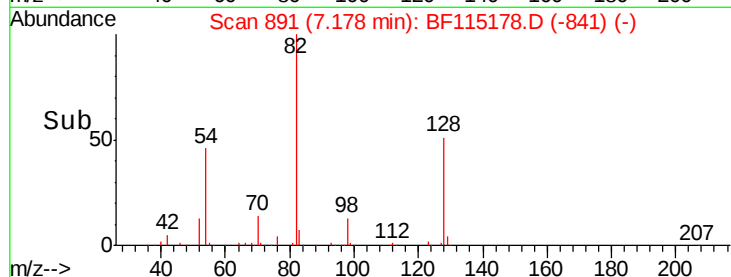
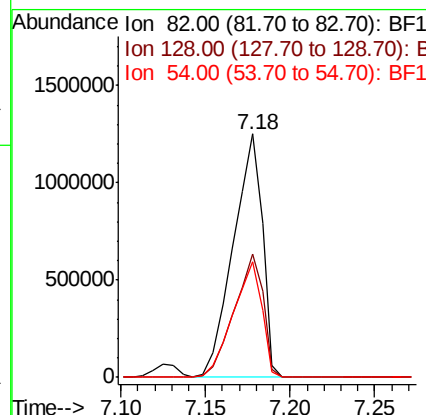
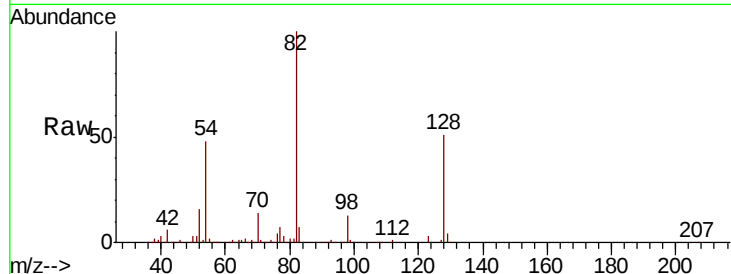
#23
Nitrobenzene-d5
Concen: 86.071 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.4	60.6
54	47.5	37.5	56.3

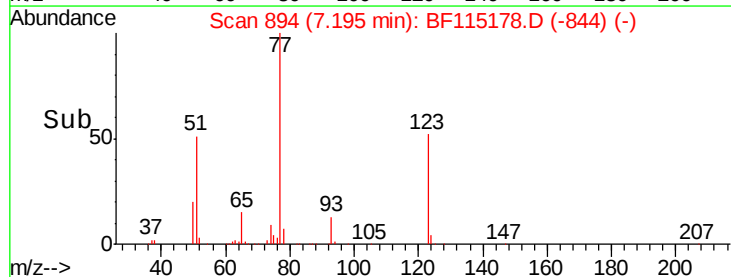
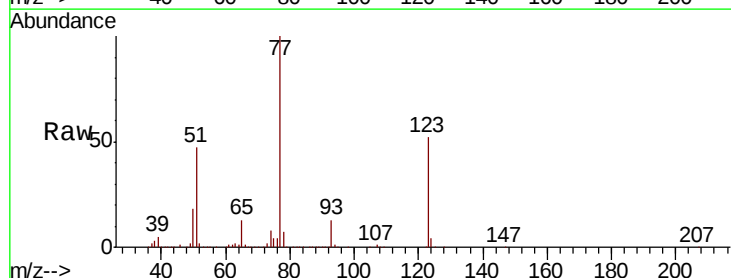
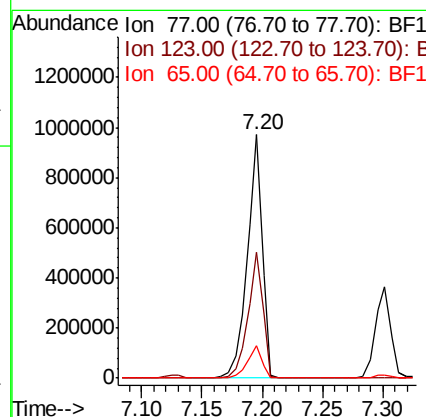
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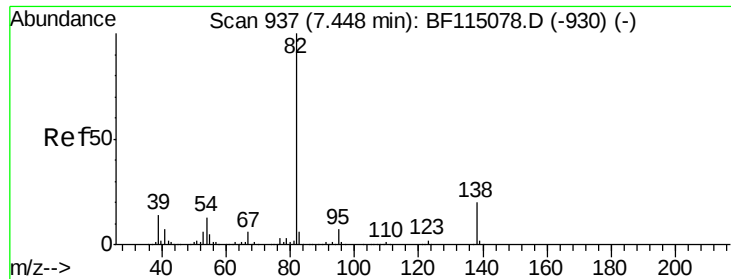
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#24
Nitrobenzene
Concen: 43.785 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	41.0	61.6
65	13.4	10.5	15.7





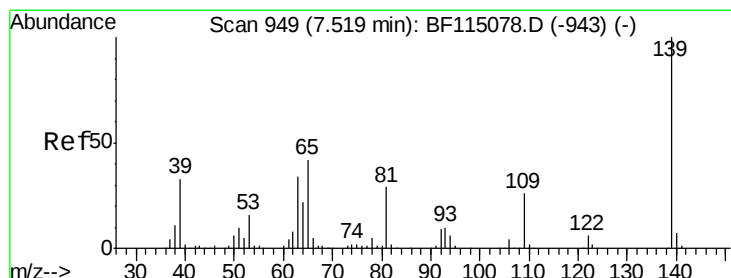
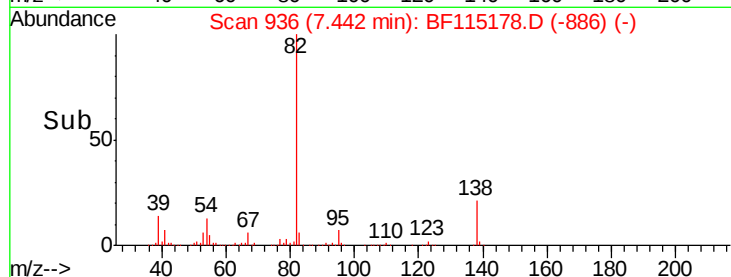
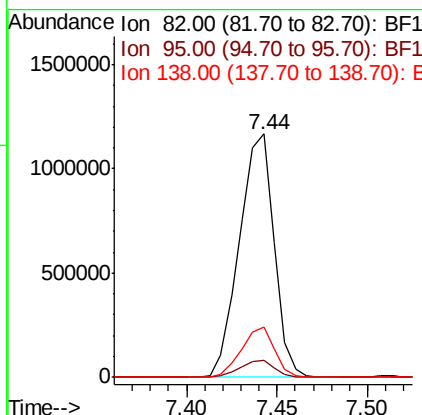
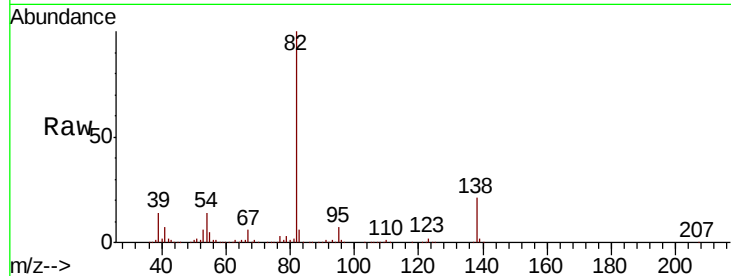
#25
Isophorone
Concen: 43.450 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion: 82 Resp: 1551850
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 20.7 15.9 23.9

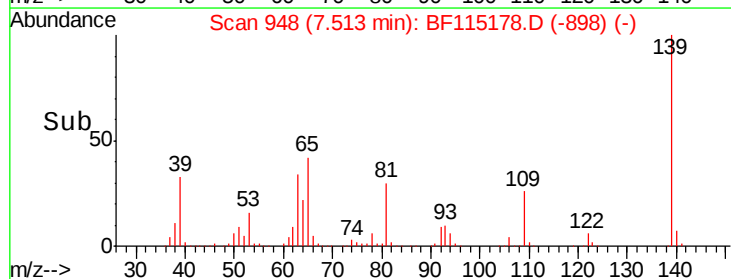
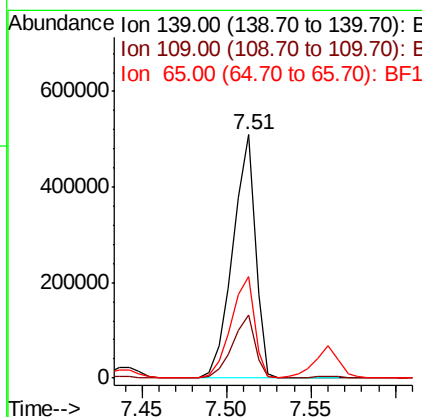
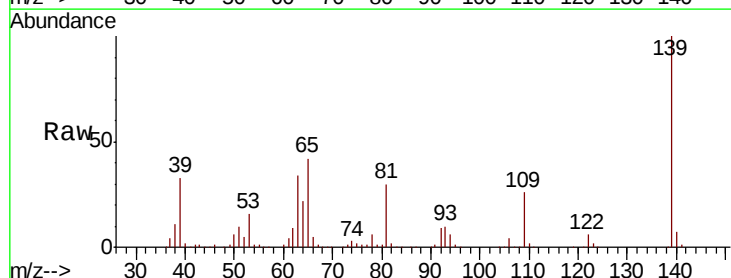
Manual Integrations
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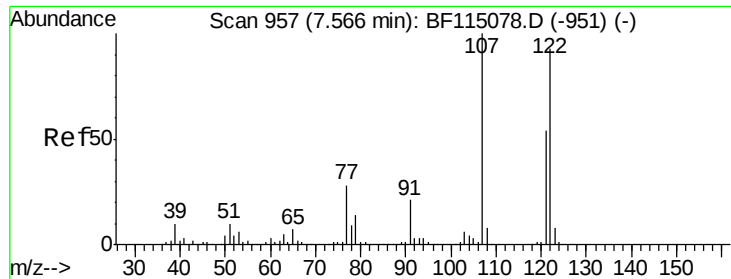
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#26
2-Nitrophenol
Concen: 50.050 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion: 139 Resp: 474748
Ion Ratio Lower Upper
139 100
109 25.8 20.4 30.6
65 41.8 33.6 50.4





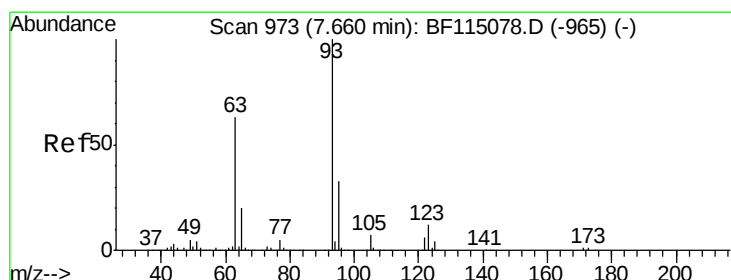
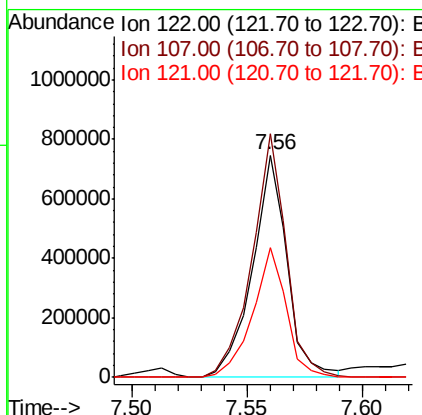
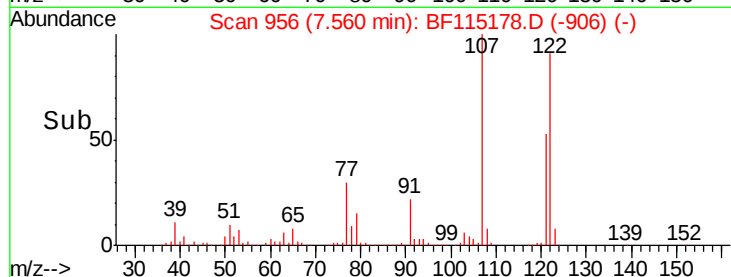
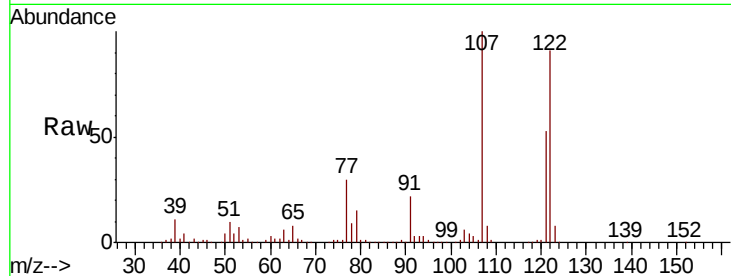
#27
 2,4-Dimethylphenol
 Concen: 50.397 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	85.8	128.6
121	58.4	46.3	69.5

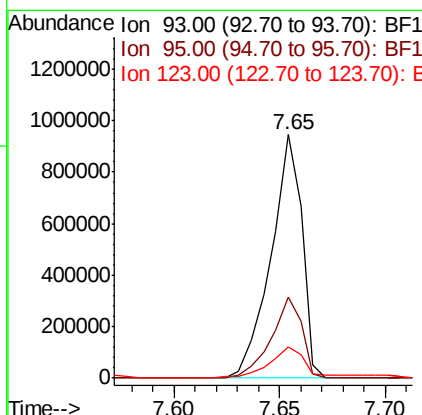
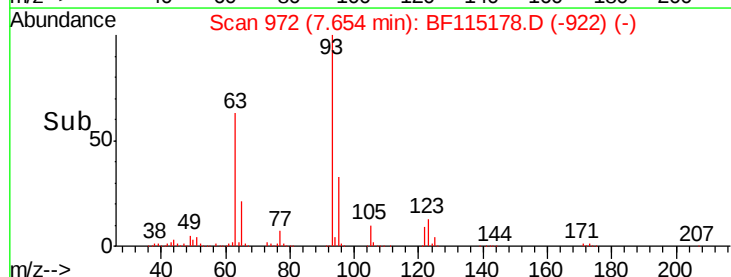
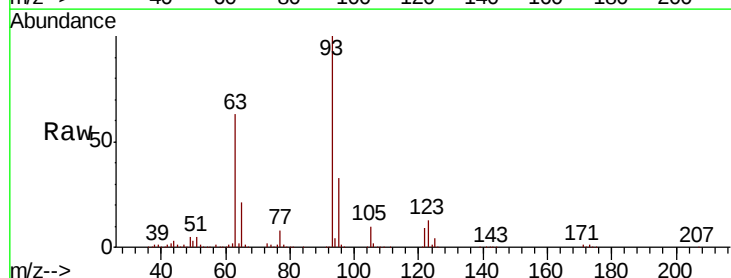
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.658 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.7	9.7	14.5





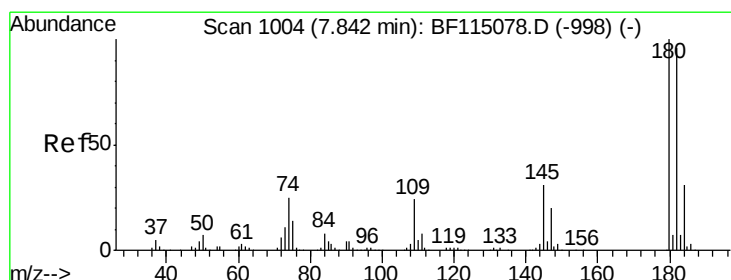
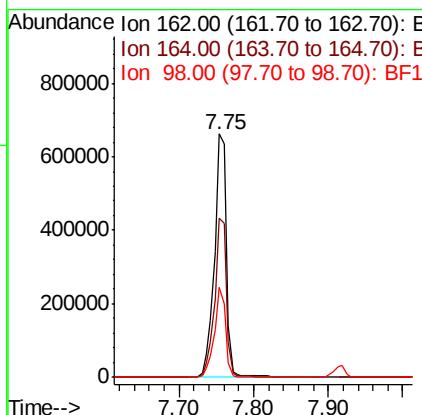
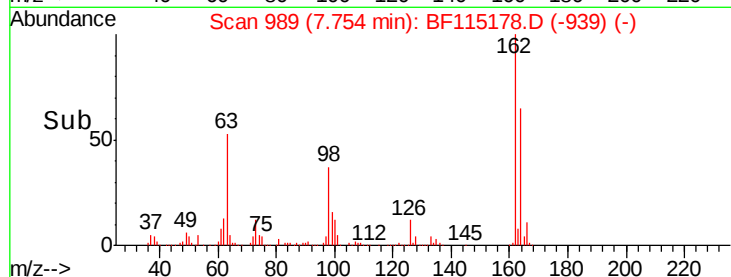
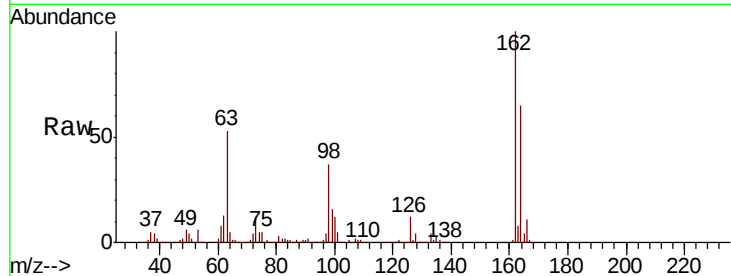
#29
2,4-Dichlorophenol
Concen: 45.744 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	733143		
164	65.2	45.3	85.3	
98	37.0	12.5	52.5	

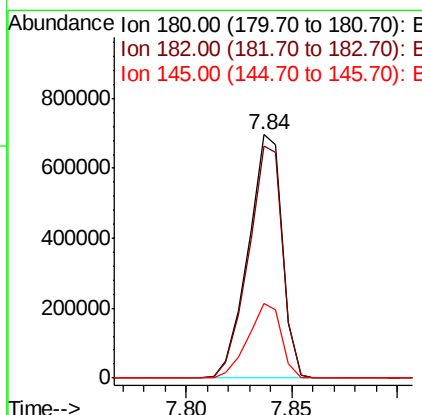
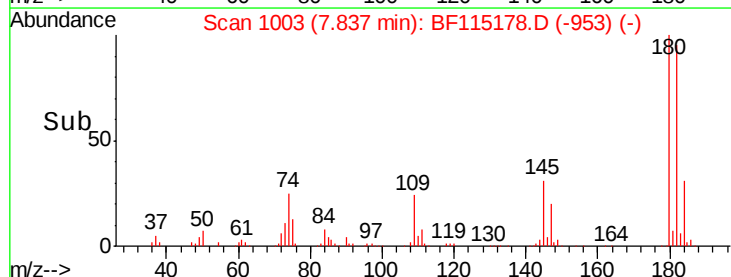
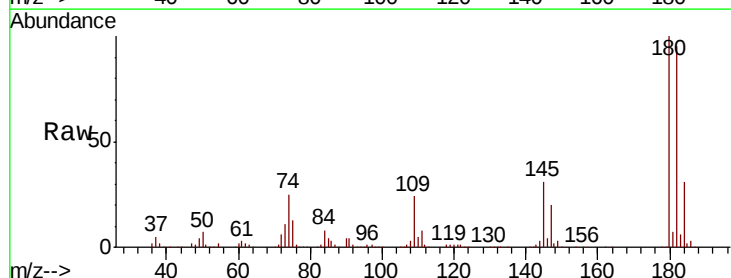
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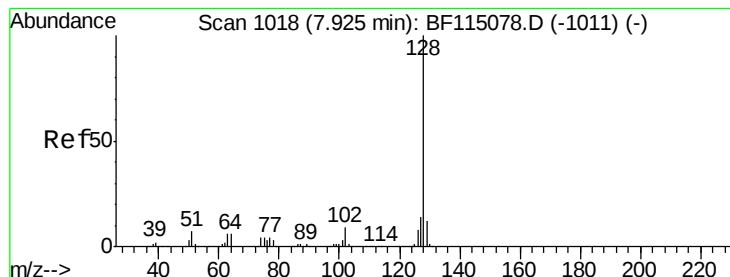
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.835 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	776031		
182	95.4	76.4	114.6	
145	30.8	24.8	37.2	





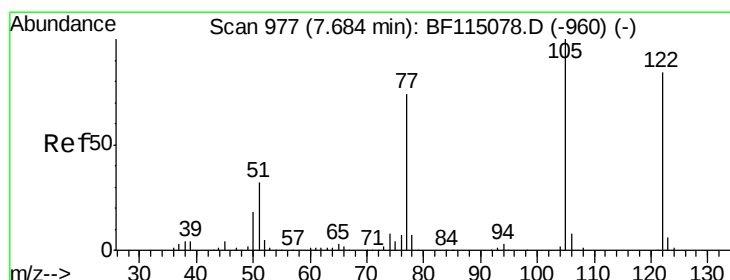
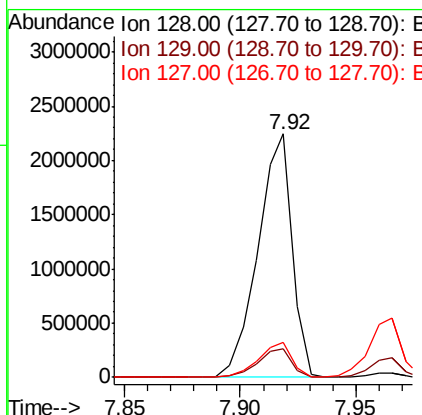
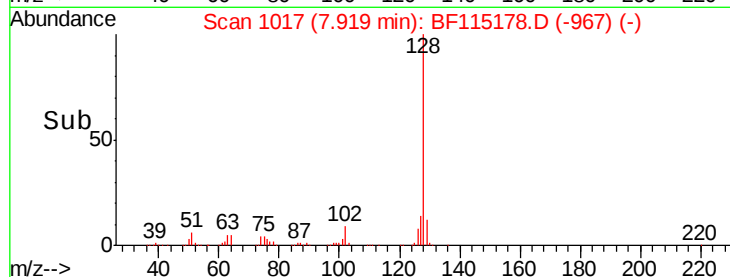
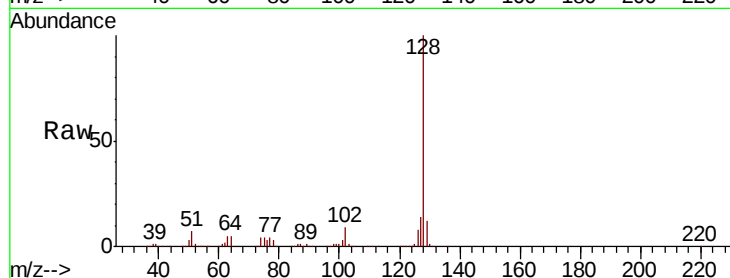
#31
Naphthalene
Concen: 43.896 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.2	11.4	17.0

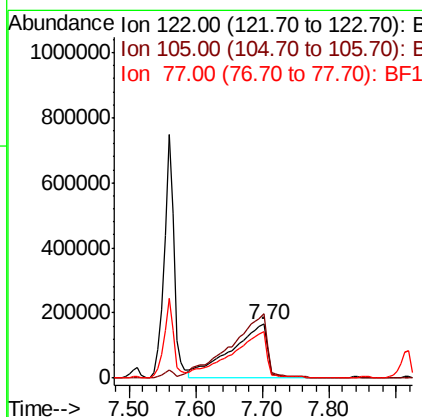
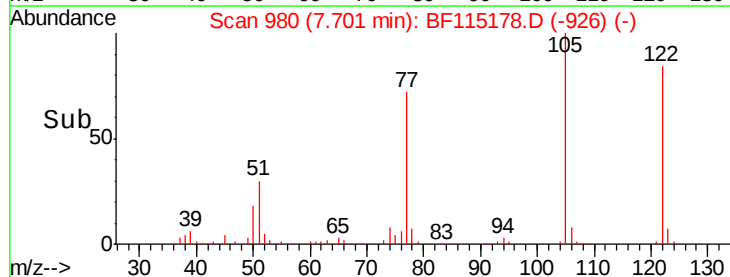
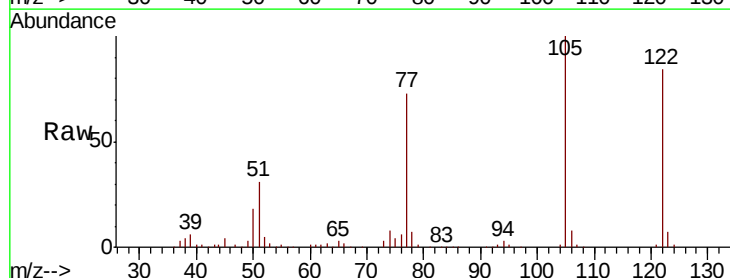
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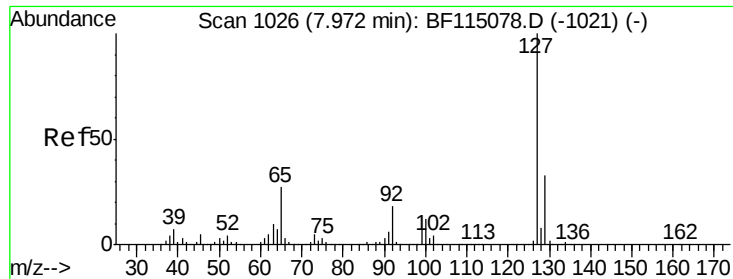
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#32
Benzoic acid
Concen: 56.576 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	98.2	138.2
77	87.3	67.0	107.0





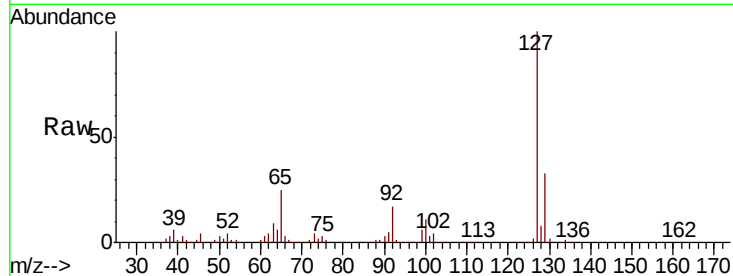
#33
4-Chloroaniline
Concen: 23.163 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	24.7	21.4	32.2		
92	17.0	14.1	21.1		

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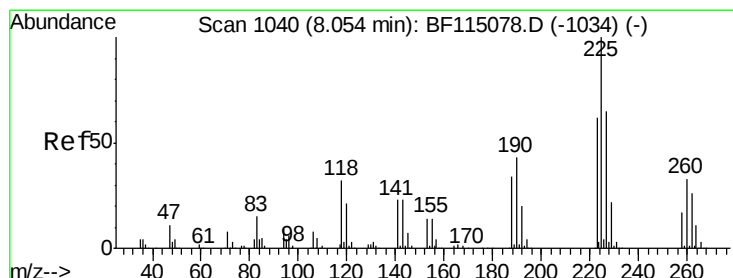
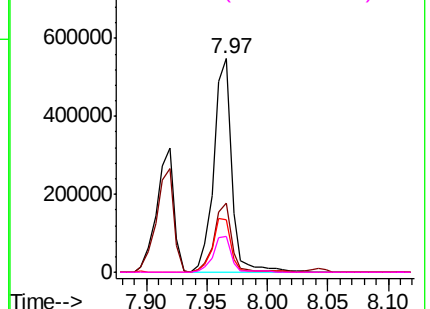
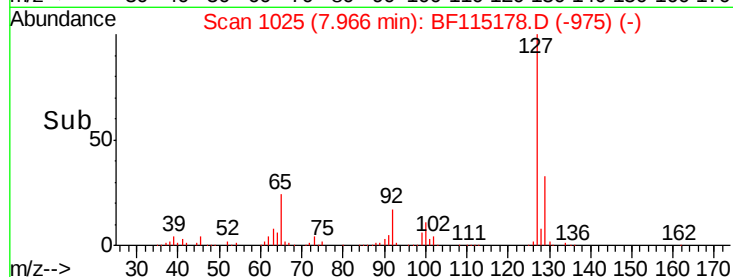
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

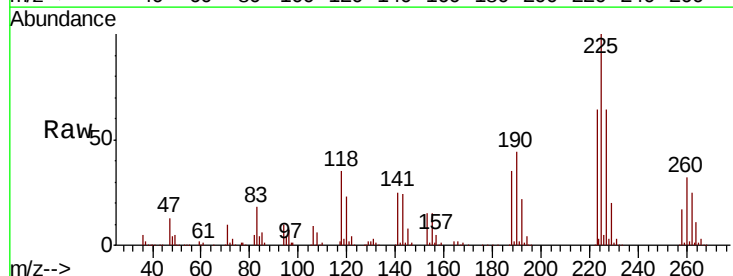
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.249 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	49.4	74.2		
227	64.2	51.8	77.8		

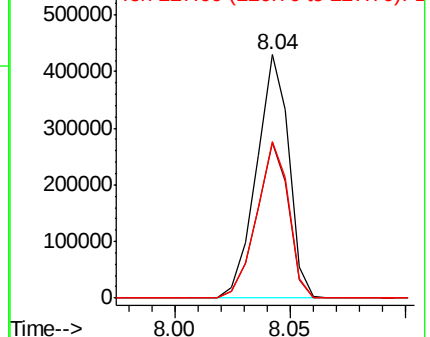
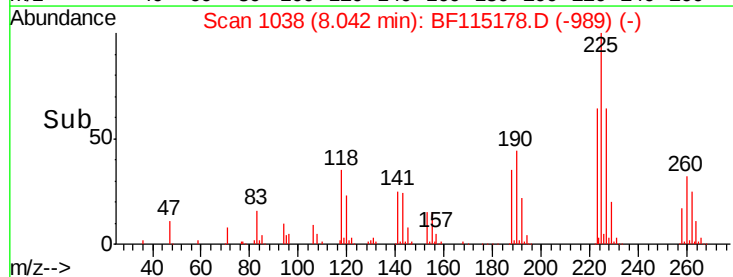


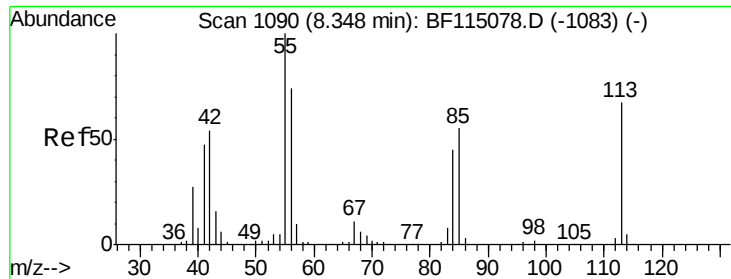
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





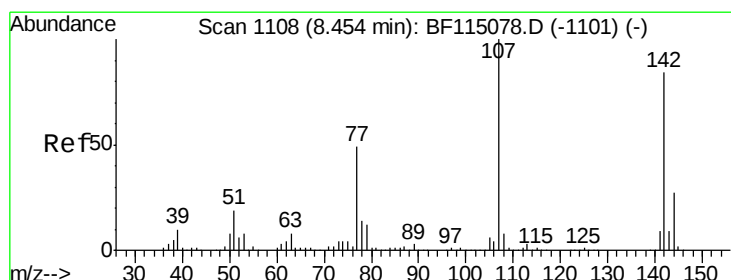
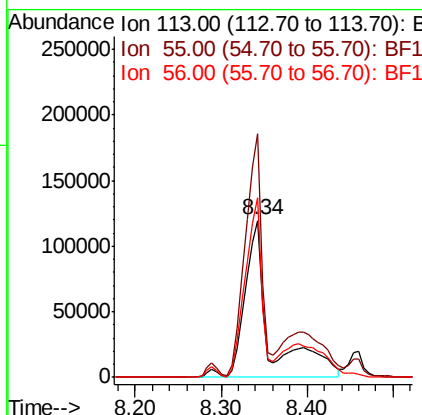
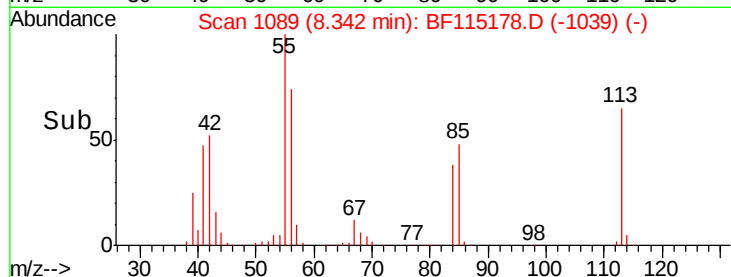
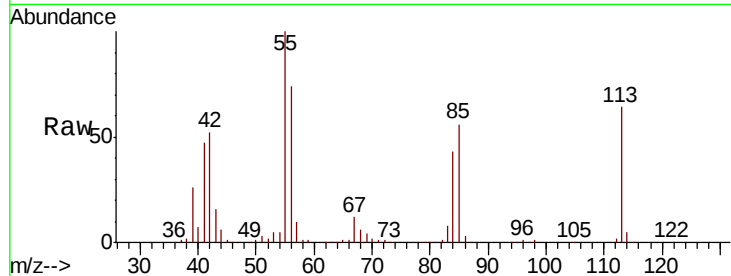
#35
Caprolactam
Concen: 45.196 ng/ml
RT: 8.34 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleID :
PB120877BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		243538		
55	155.1	130.2	170.2		
56	114.0	91.6	131.6		

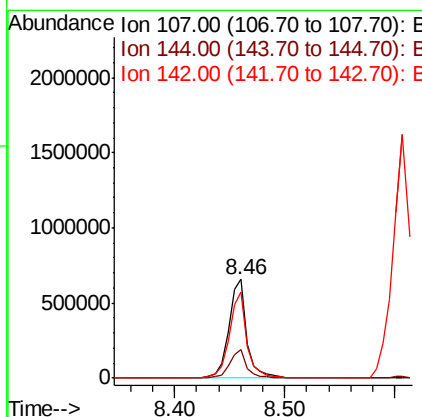
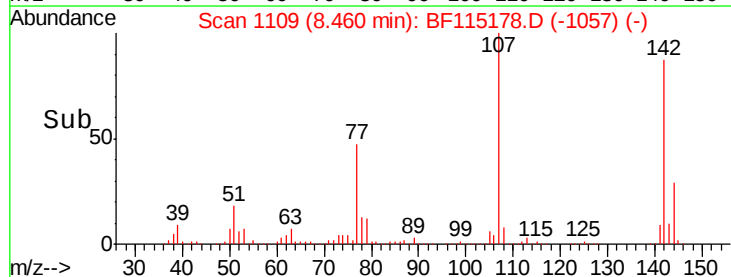
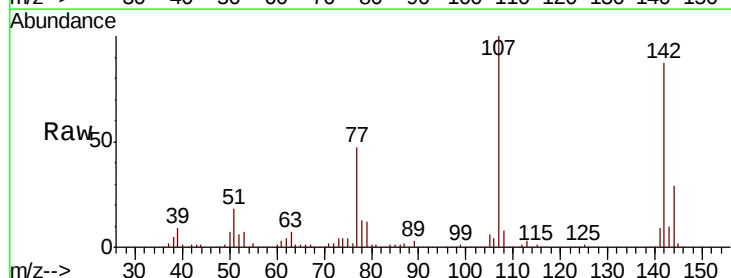
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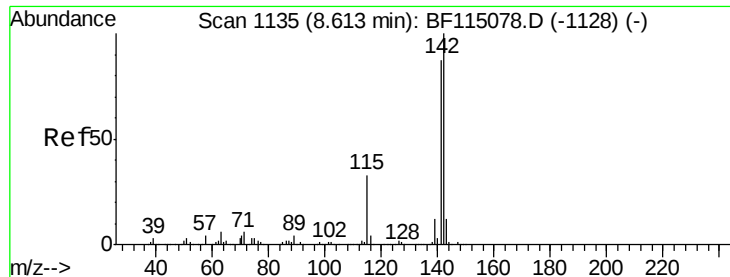
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#36
4-Chloro-3-methylphenol
Concen: 46.004 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		746693		
144	28.6	21.7	32.5		
142	87.0	67.0	100.4		





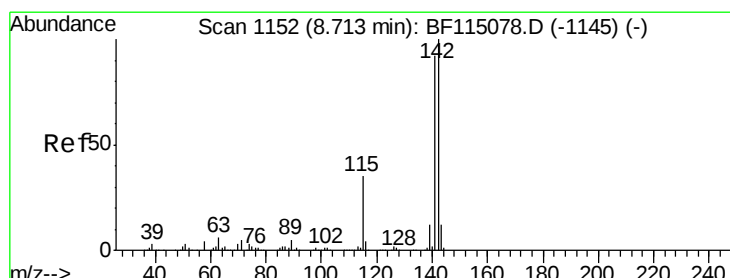
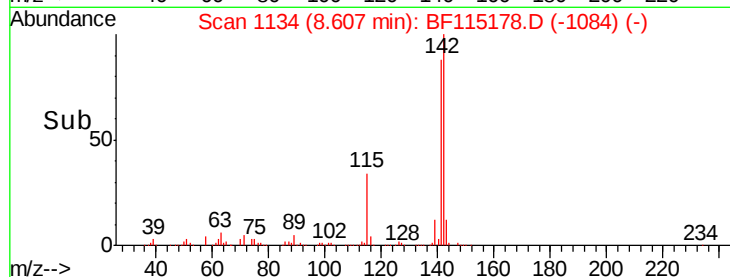
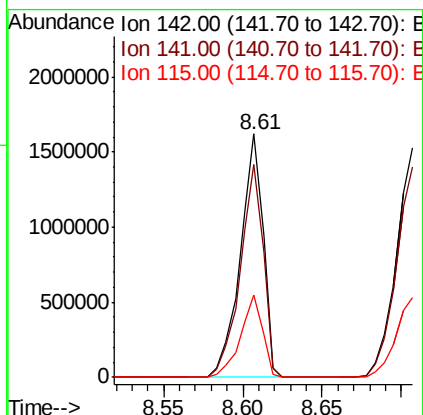
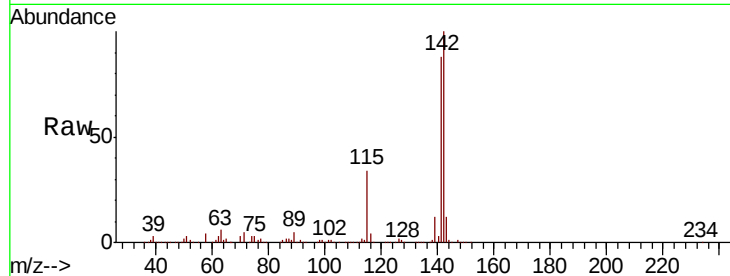
#37
2-Methylnaphthalene
Concen: 45.323 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.6
115	34.0	26.7	40.1

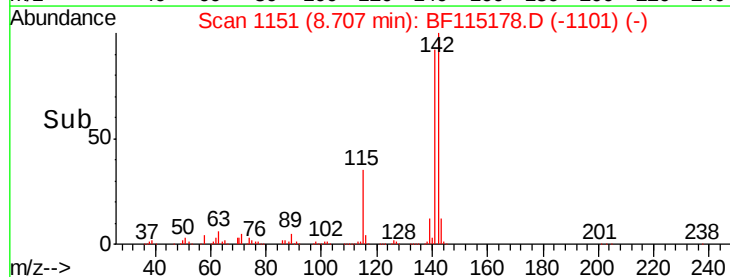
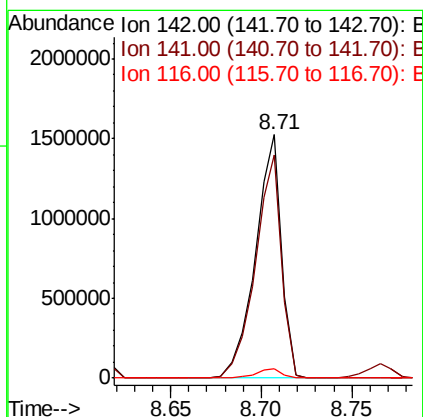
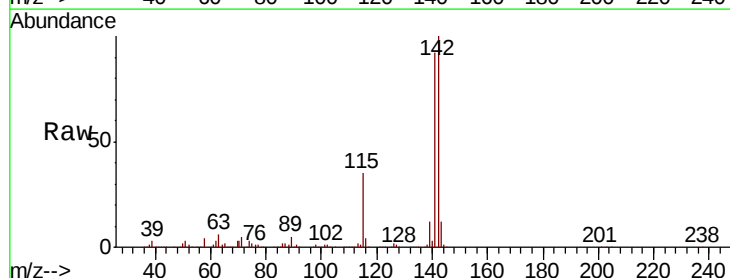
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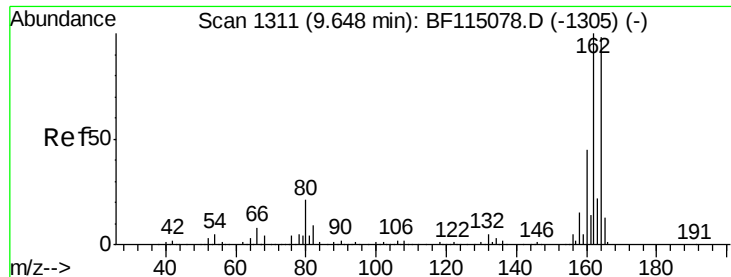
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#38
1-Methylnaphthalene
Concen: 44.717 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.7	2.8	4.2





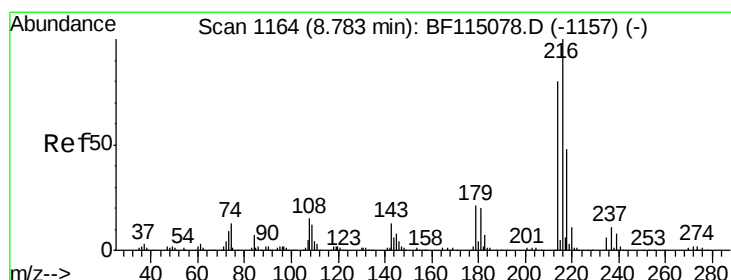
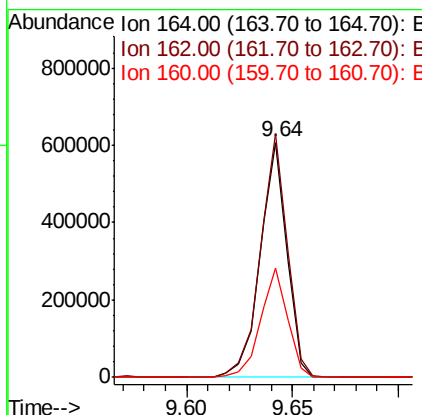
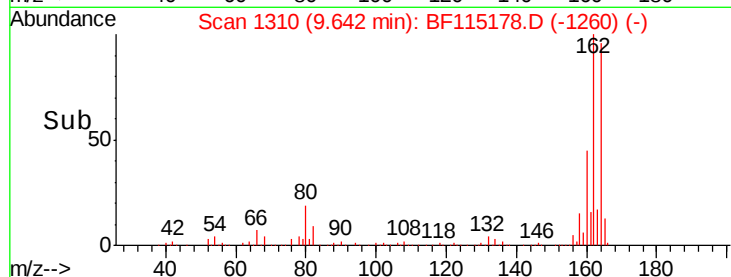
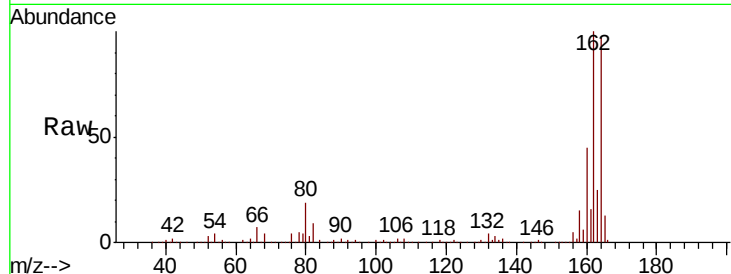
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	81.7	122.5	
160	46.5	37.0	55.4	

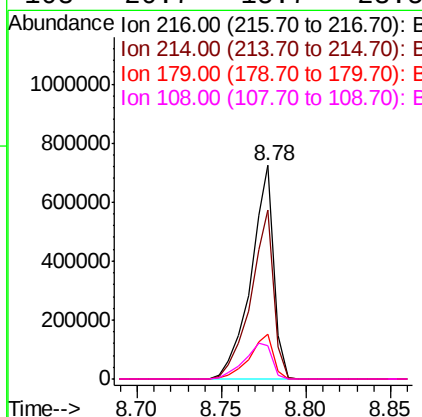
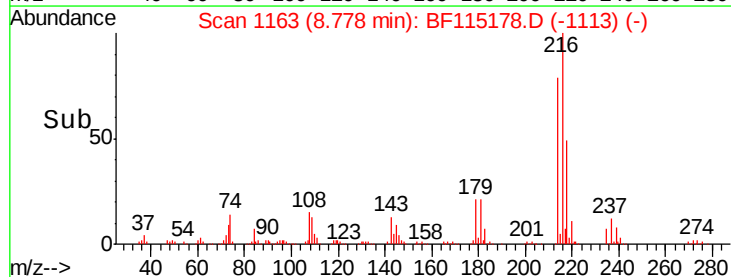
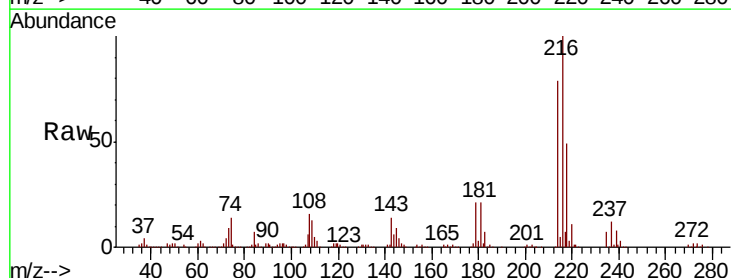
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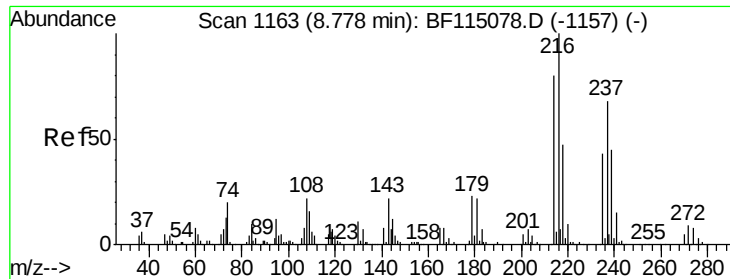
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.201 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.6	
179	21.8	17.6	26.4	
108	20.7	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 79.739 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

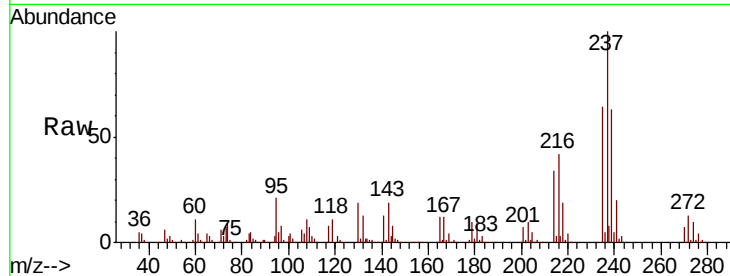
ClientSampled :

PB120877BS

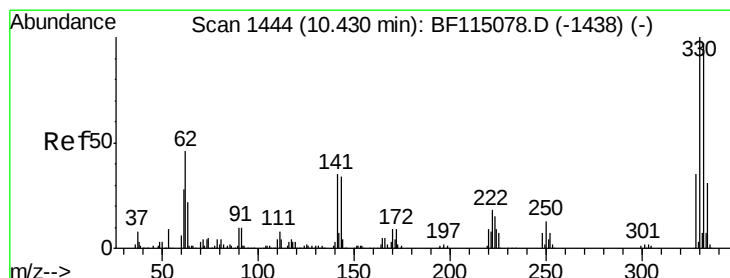
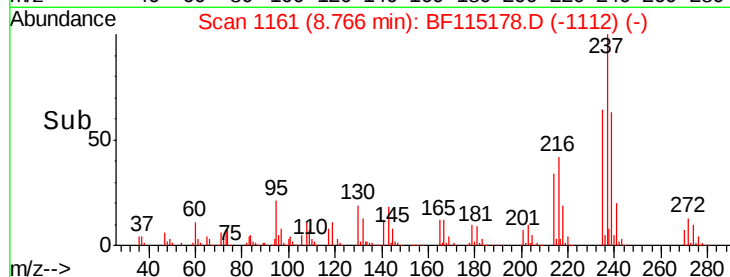
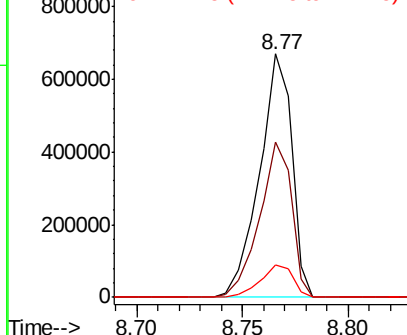
Tot Ion:	237	Resp:	714065
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.9	83.9
272	13.1	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 124.053 ng

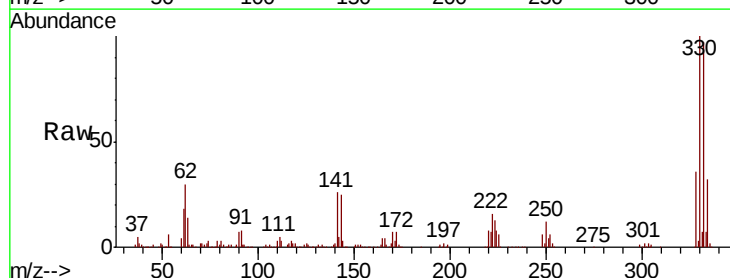
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

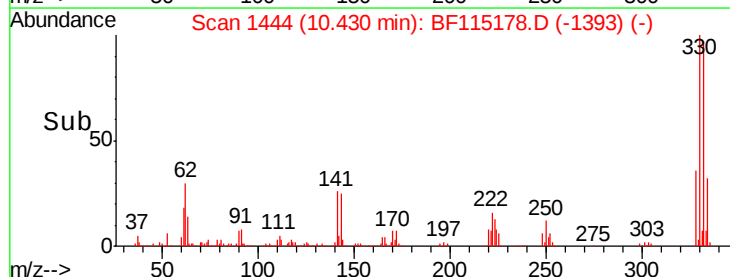
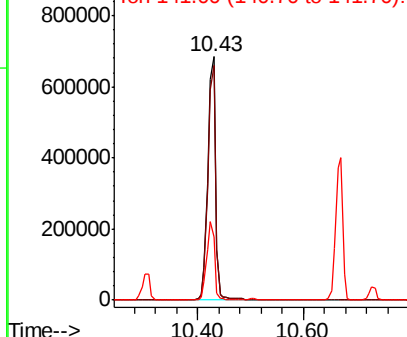
Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Tgt Ion:	330	Resp:	699134
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.3	115.9
141	32.3	28.2	42.2



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





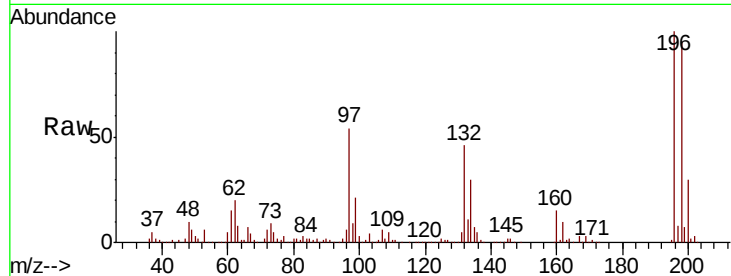
#43
 2,4,6-Trichlorophenol
 Concen: 45.509 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	530604		
198	95.1	76.3	114.5	
200	30.1	24.2	36.4	

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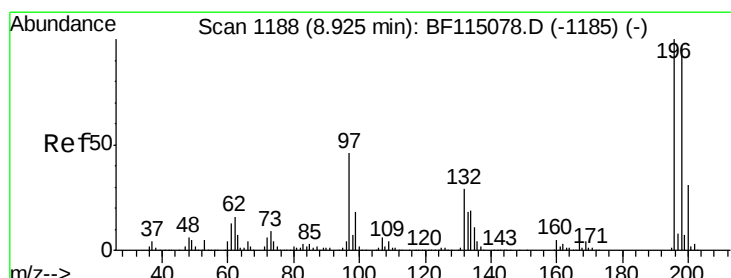
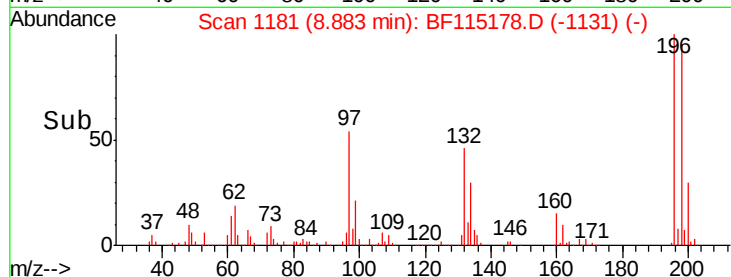
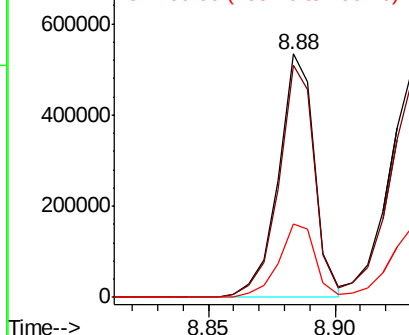


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.338 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	580386		
198	95.9	77.1	115.7	
97	45.6	37.7	56.5	
132	28.2	23.1	34.7	

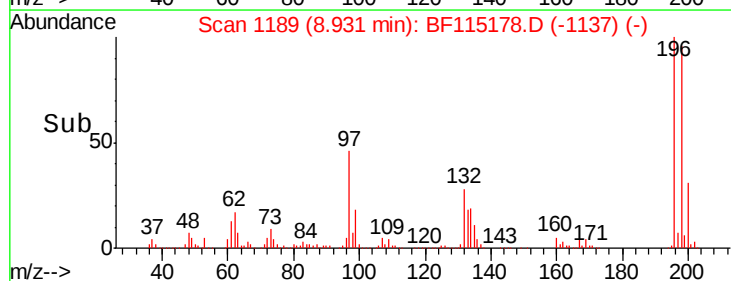
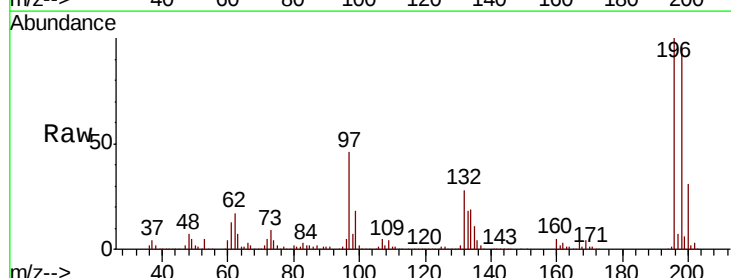
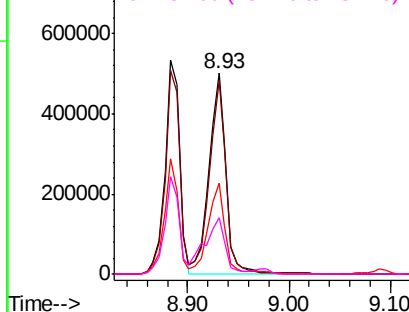
Abundance

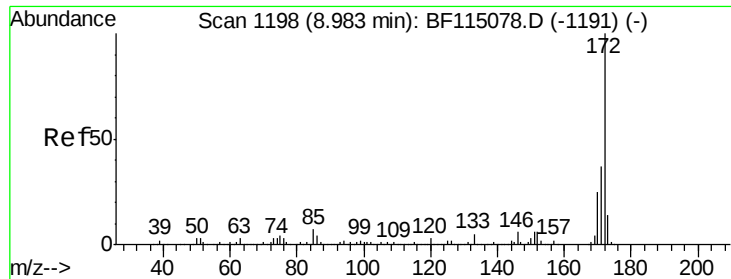
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





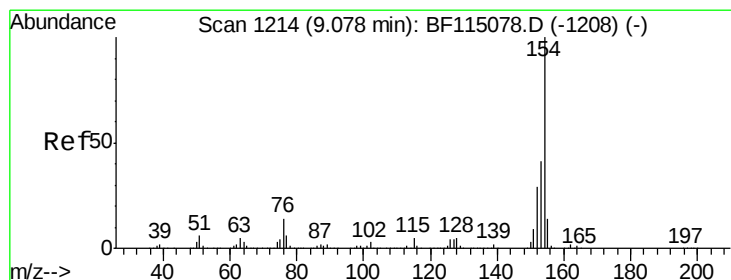
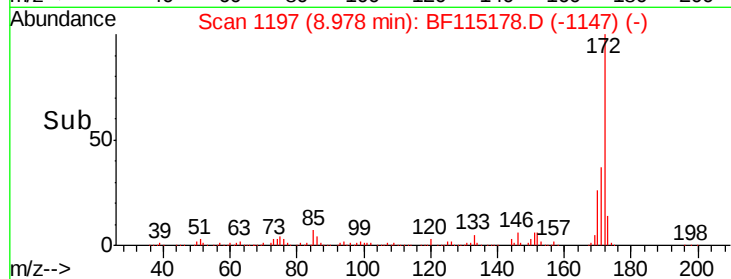
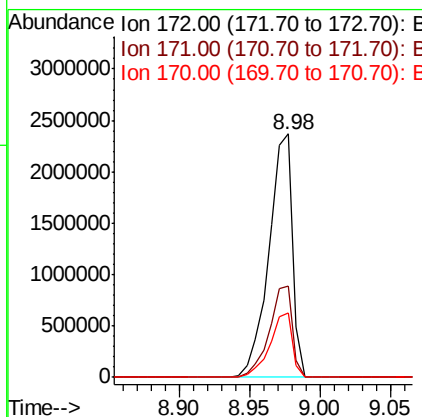
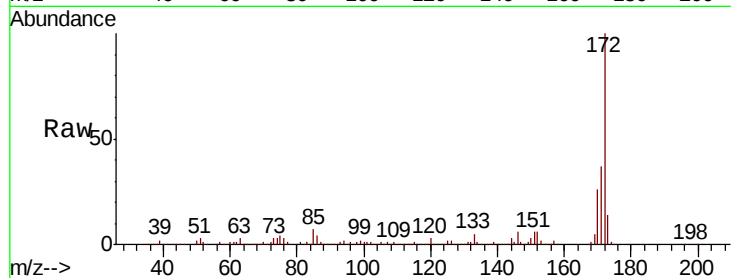
#45
2-Fluorobiphenyl
Concen: 88.225 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	26.2	20.3	30.5

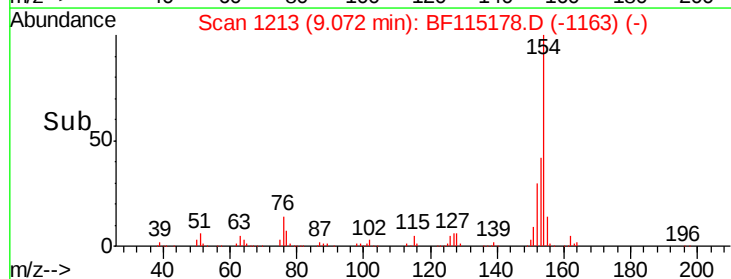
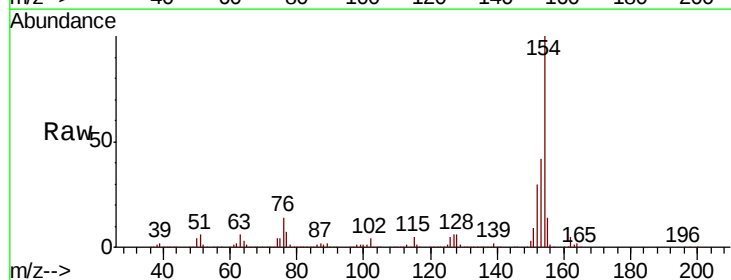
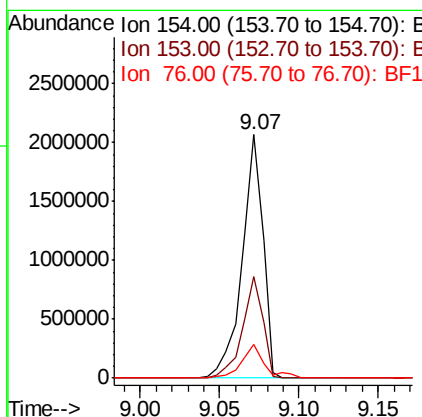
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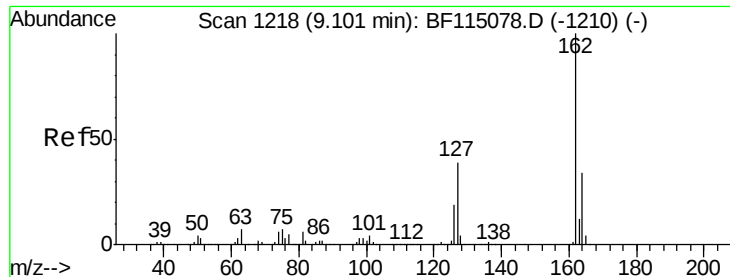
mohammad
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#46
1,1'-Biphenyl
Concen: 43.714 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.9	60.9
76	13.8	0.0	34.1





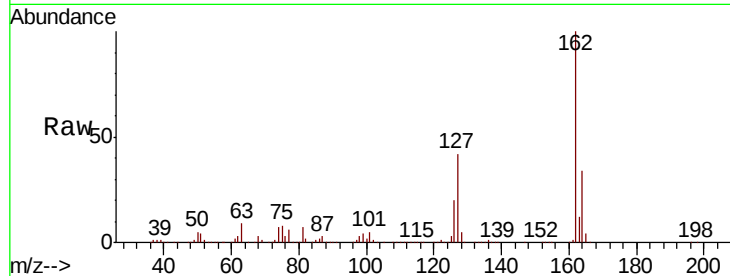
#47
 2-Chloronaphthalene
 Concen: 43.148 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

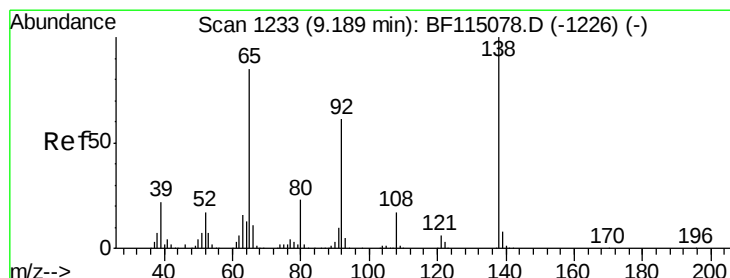
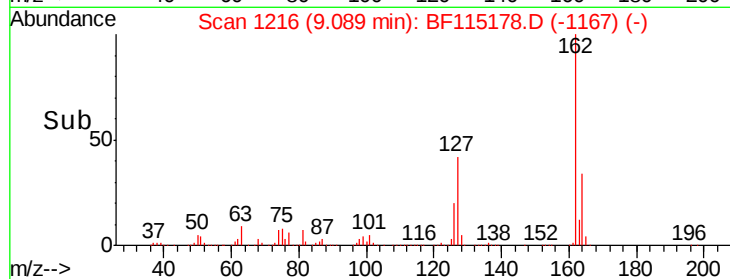
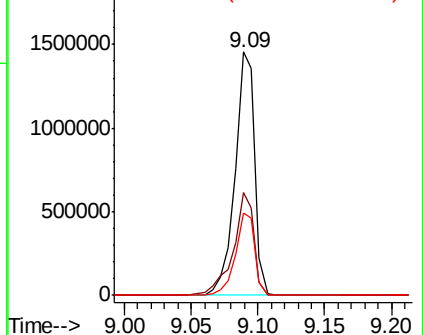
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	30.8	46.2
164	33.7	27.0	40.4

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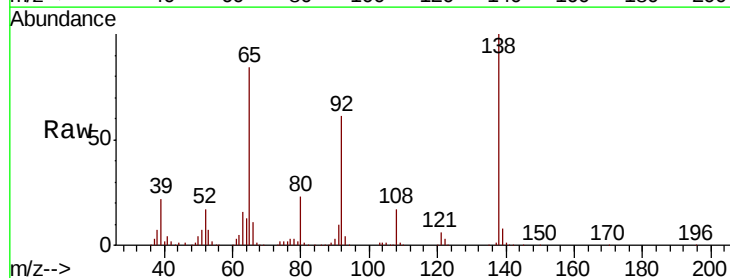


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

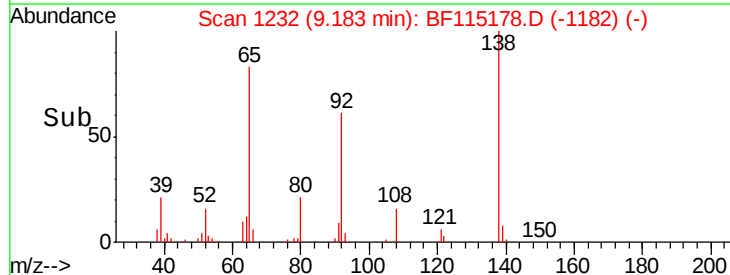
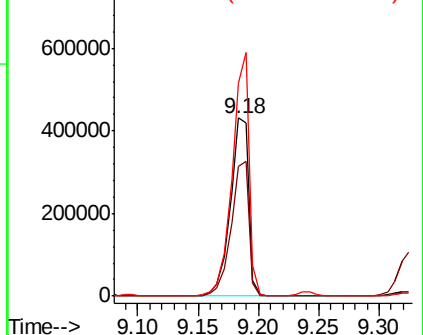


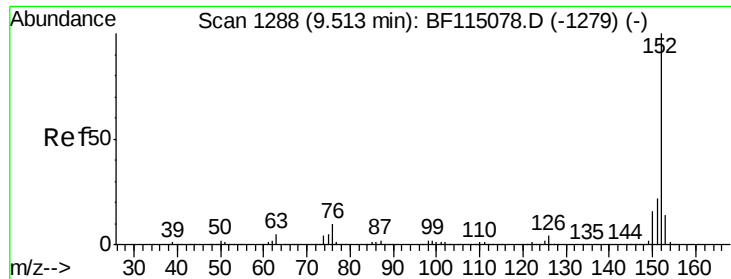
#48
 2-Nitroaniline
 Concen: 45.029 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.4	86.2
138	119.4	94.1	141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 800000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





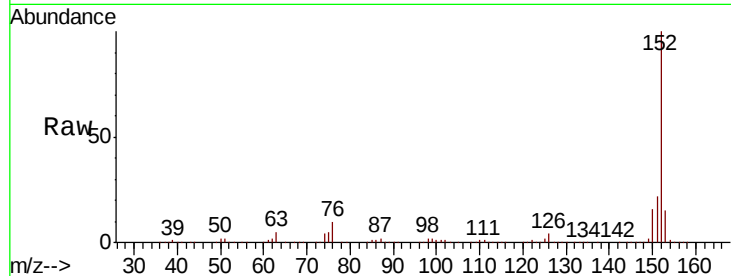
#49
Acenaphthylene
Concen: 42.700 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	14.5	11.0	16.6

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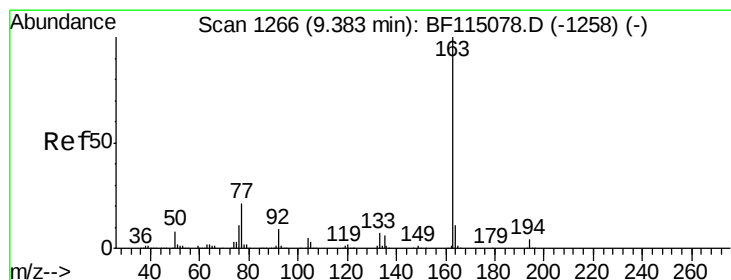
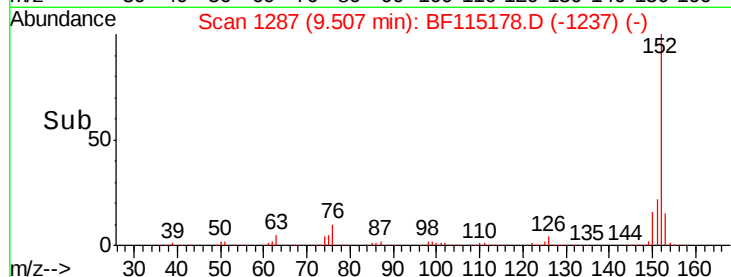
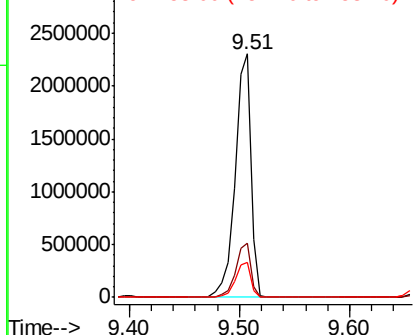


Abundance

Ion 152.00 (151.70 to 152.70): E

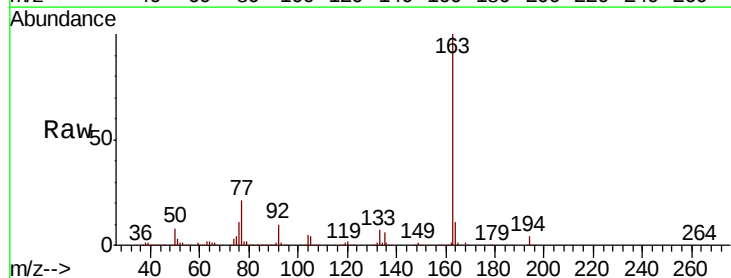
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 44.103 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.8	8.6	13.0

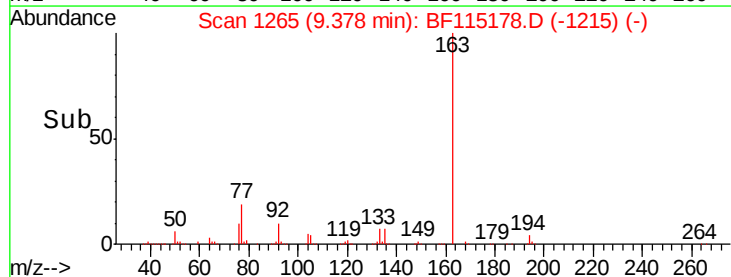
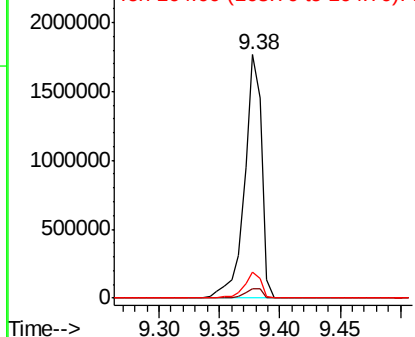


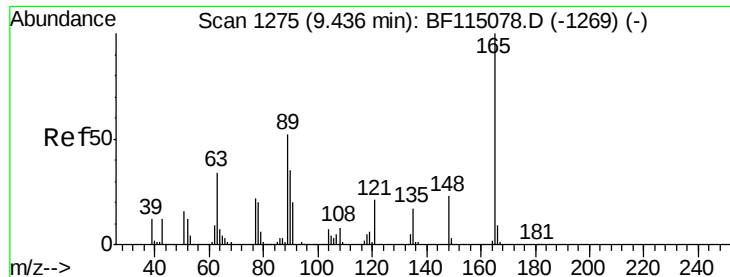
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.168 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

Tot Ion:165 Resp: 419090

Ion Ratio Lower Upper

165 100

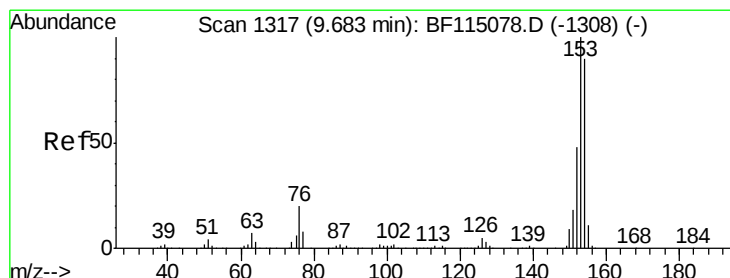
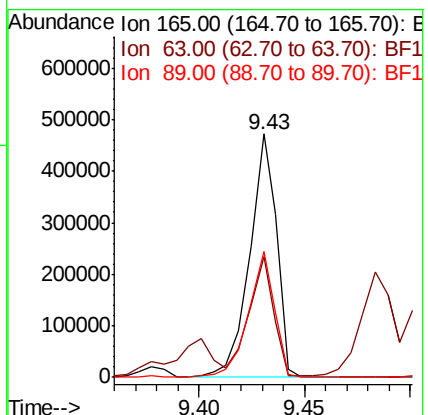
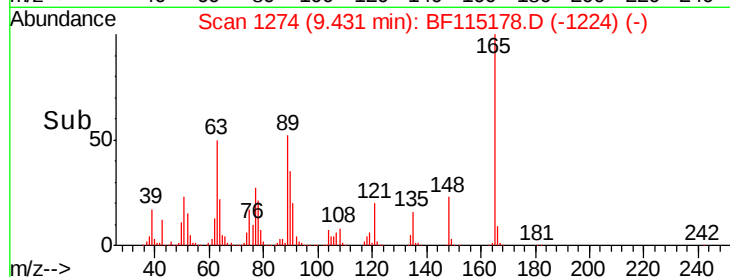
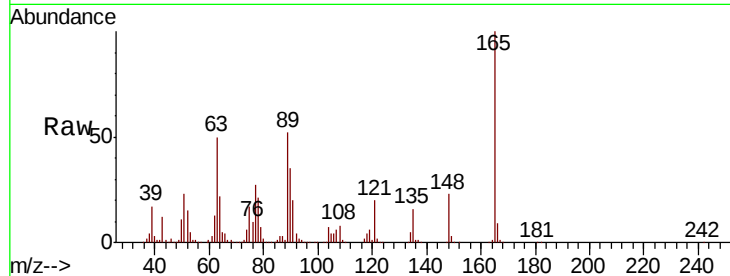
63 49.6 39.4 59.2

89 51.9 42.0 63.0

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#52

Acenaphthene

Concen: 42.011 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

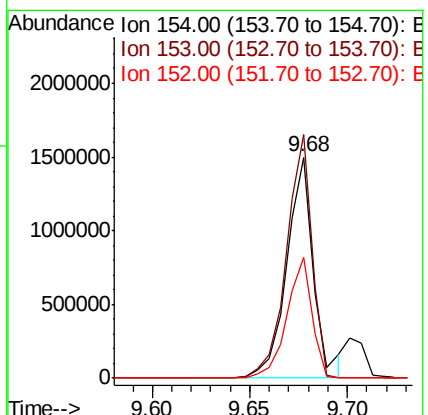
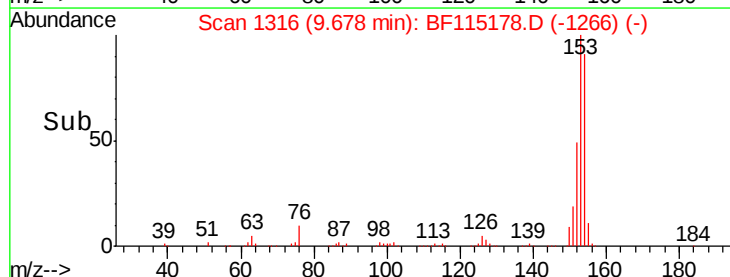
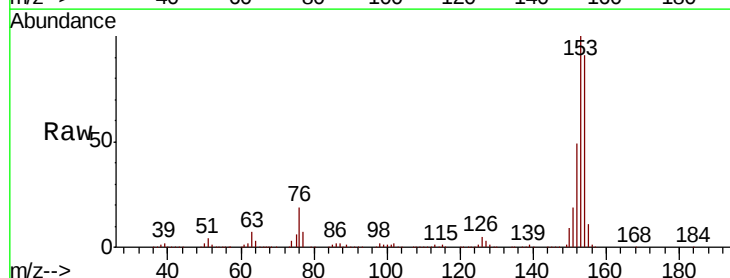
Tgt Ion:154 Resp: 1420681

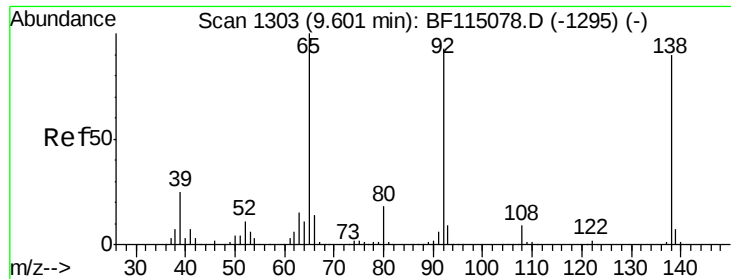
Ion Ratio Lower Upper

154 100

153 110.2 88.7 133.1

152 54.5 42.6 64.0





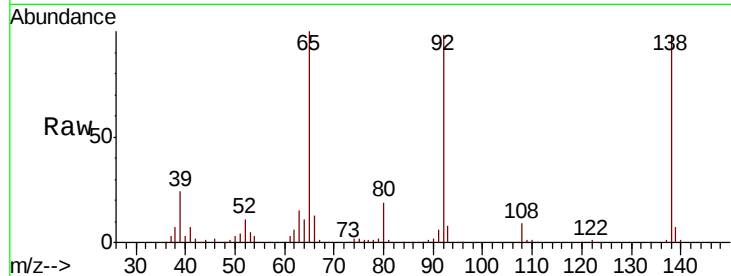
#53
3-Nitroaniline
Concen: 28.794 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	99.9	82.9	124.3

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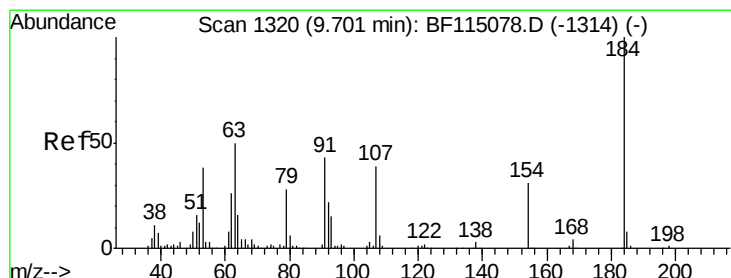
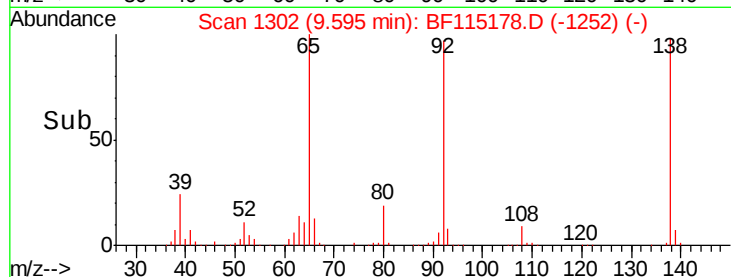
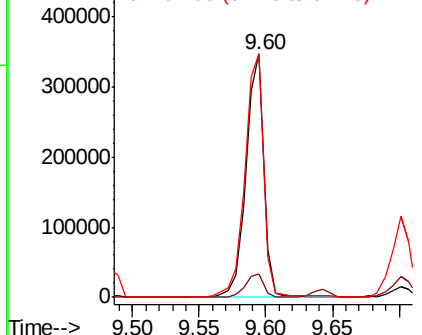


Abundance

Ion 138.00 (137.70 to 138.70): E

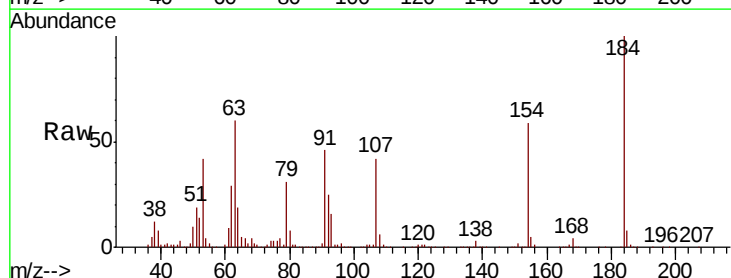
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 98.700 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	41.9	62.9
154	58.8	44.7	67.1

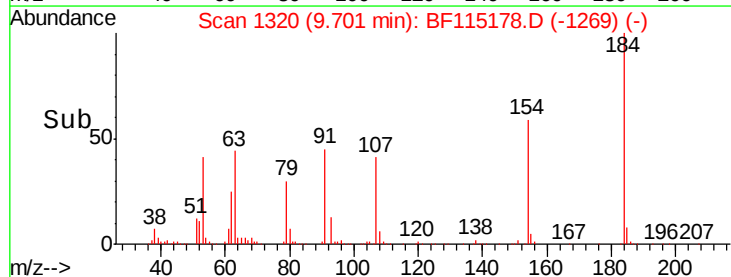
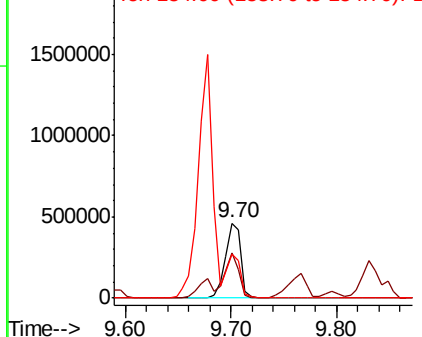


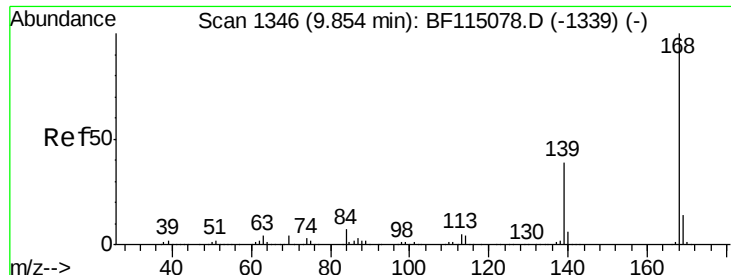
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





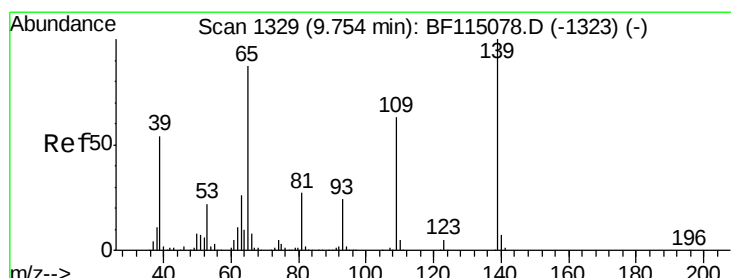
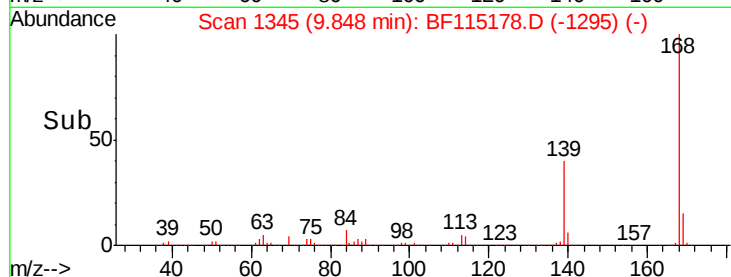
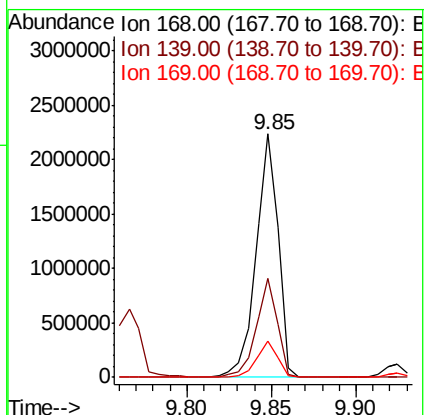
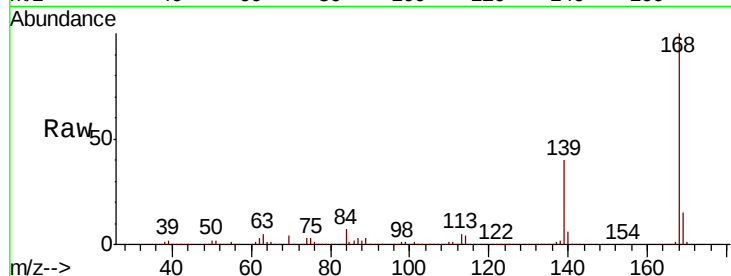
#55
Dibenzofuran
Concen: 42.028 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.1	46.7
169	14.8	11.3	16.9

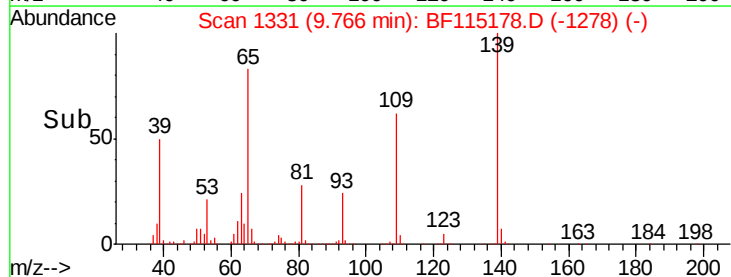
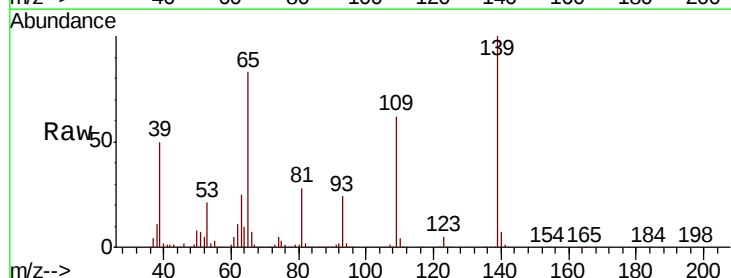
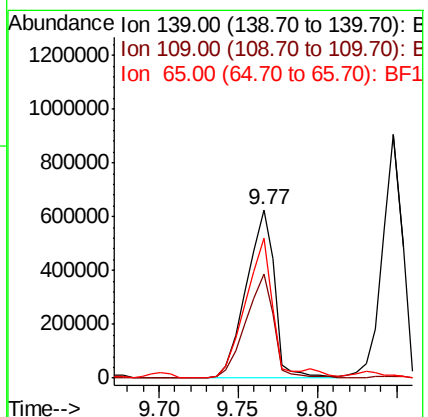
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#56
4-Nitrophenol
Concen: 87.679 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	43.0	83.0
65	83.1	67.0	107.0





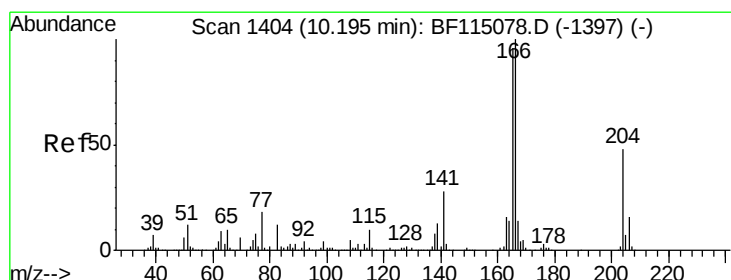
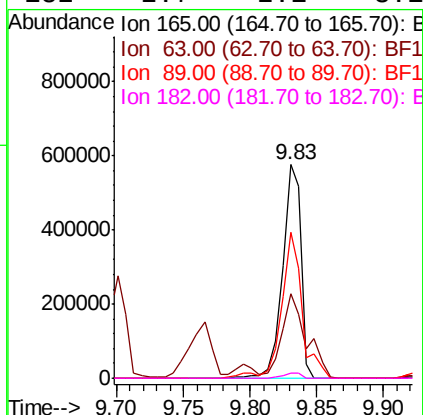
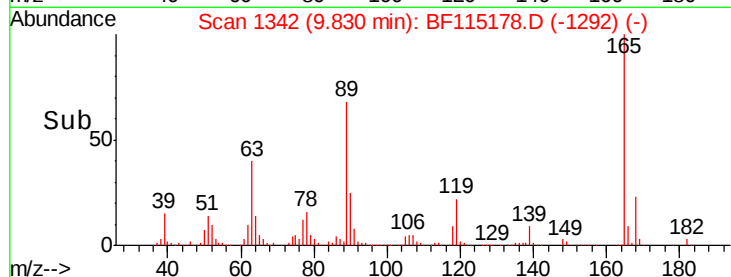
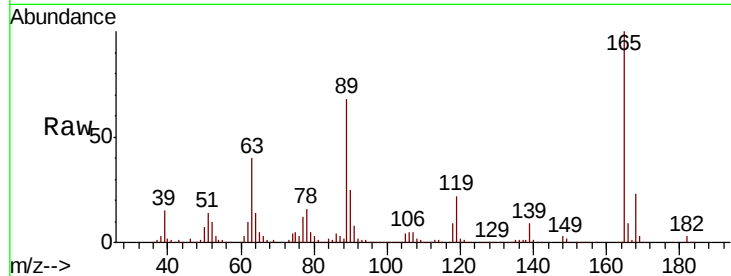
#57
2,4-Dinitrotoluene
Concen: 47.682 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.8	27.5	41.3	
89	68.4	49.9	74.9	
182	2.7	2.1	3.1	

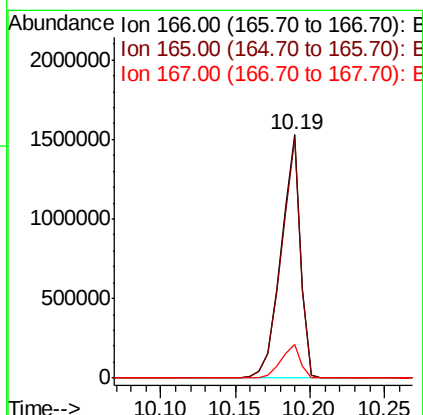
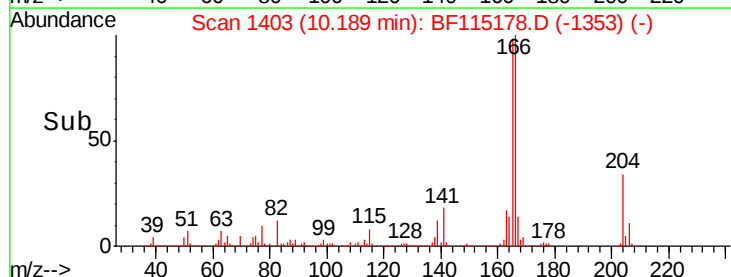
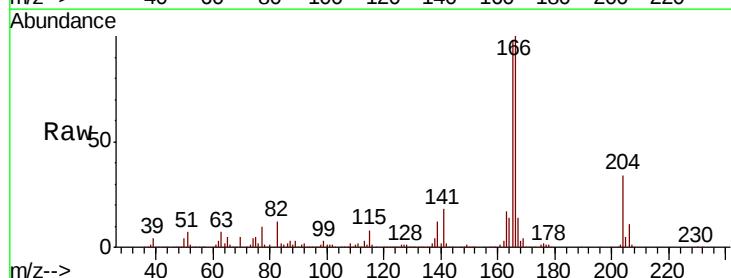
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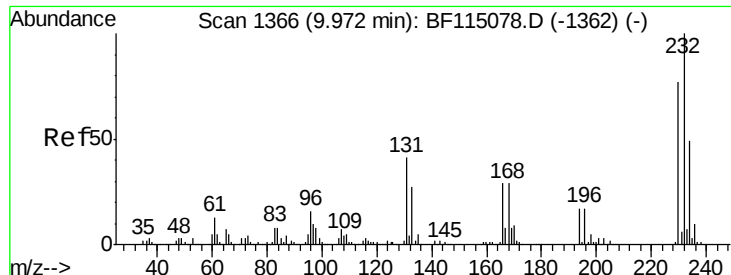
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#58
Fluorene
Concen: 43.116 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	76.5	114.7	
167	13.9	11.0	16.4	





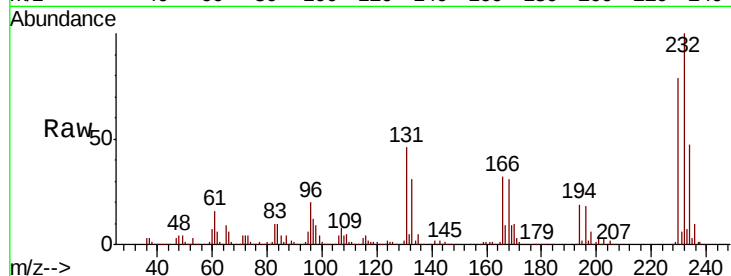
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.977 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

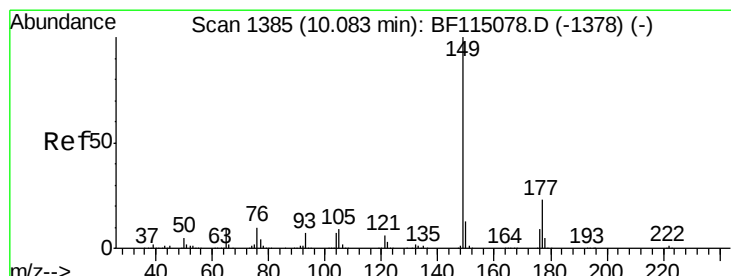
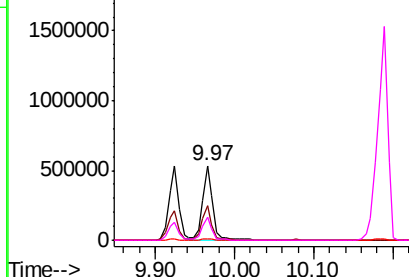
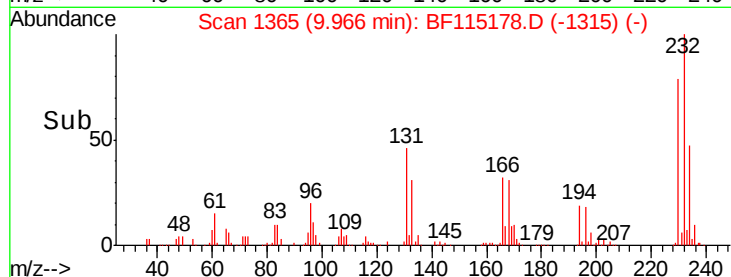
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.4	56.0
130	2.2	1.8	2.6
166	29.8	24.6	36.8

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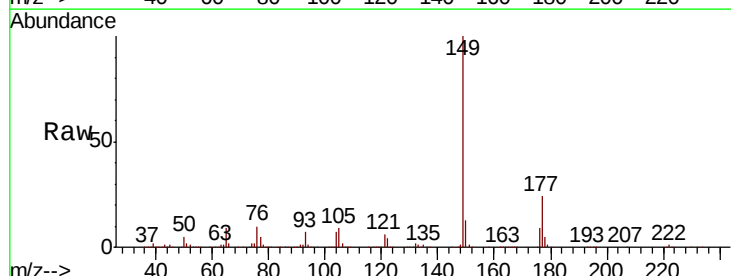


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

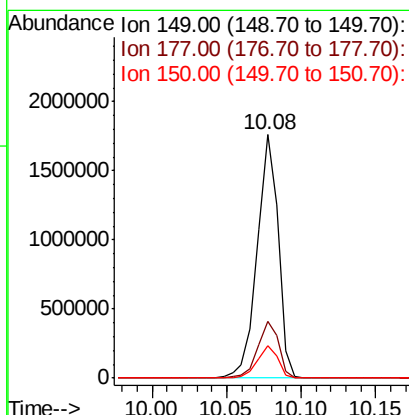
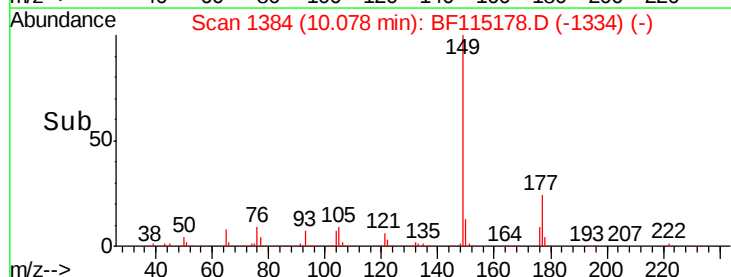


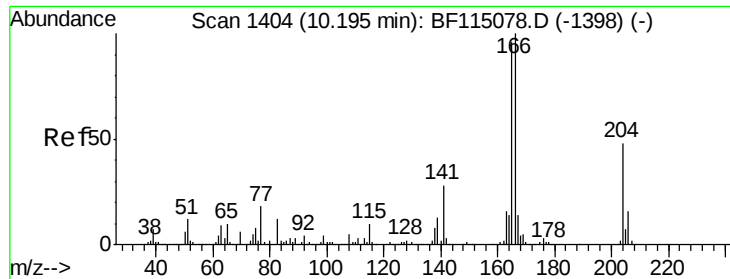
#60
 Diethylphthalate
 Concen: 43.056 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.2	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





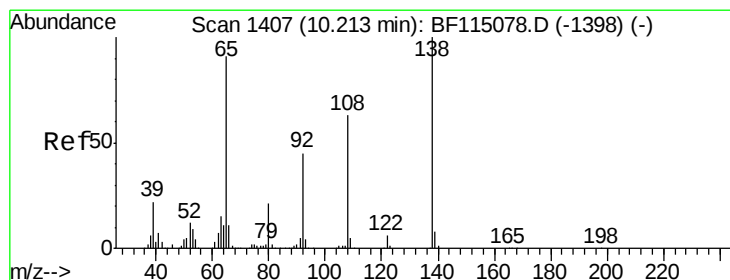
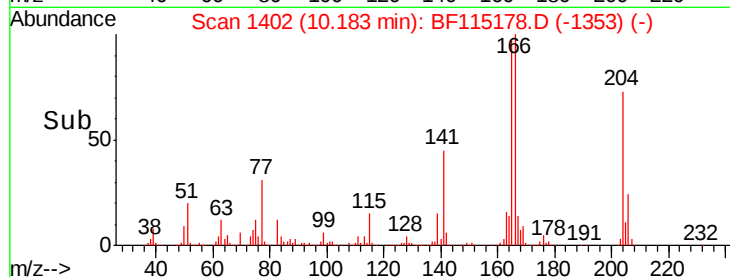
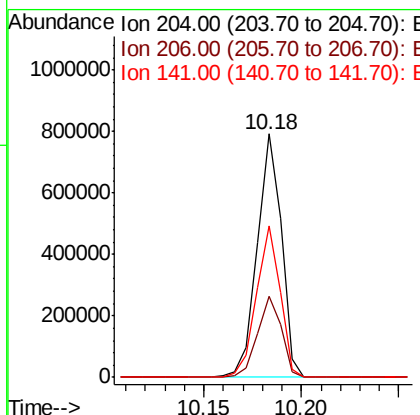
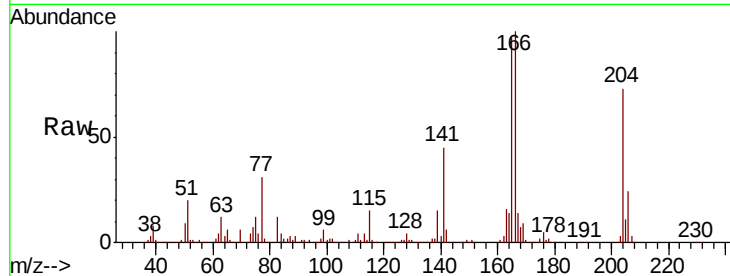
#61
4-Chlorophenyl-phenylether
Concen: 44.207 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampled :
PB120877BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	62.0	46.7	70.1

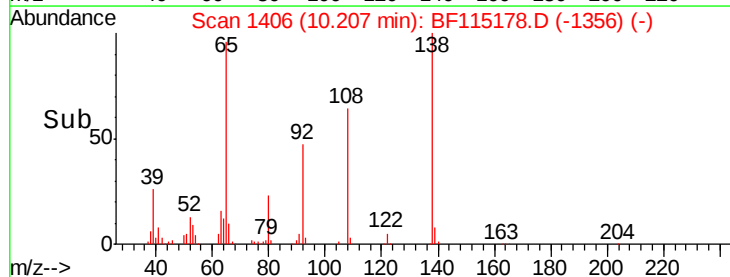
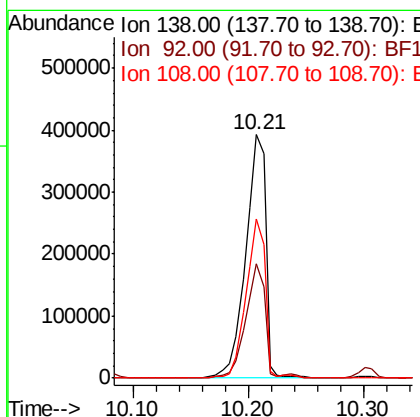
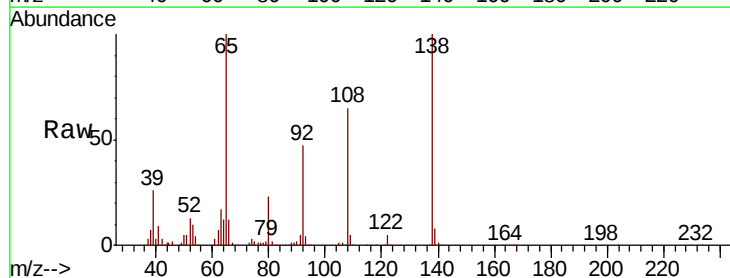
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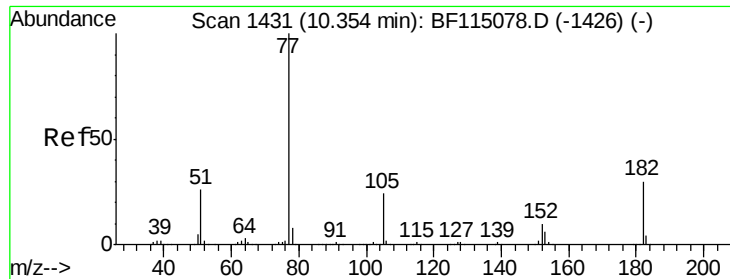
mohammad
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#62
4-Nitroaniline
Concen: 42.538 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	24.8	64.8
108	65.4	43.3	83.3





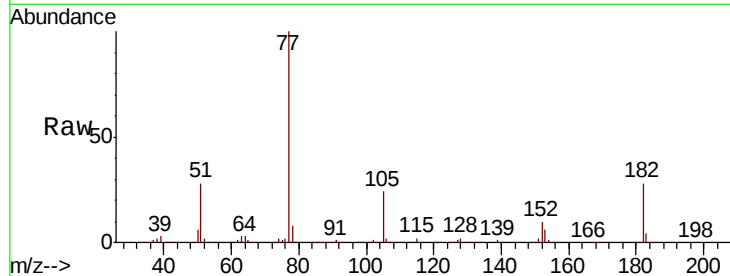
#63
Azobenzene
Concen: 42.193 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	10.1	50.1	
105	24.2	4.5	44.5	
51	27.7	6.4	46.4	

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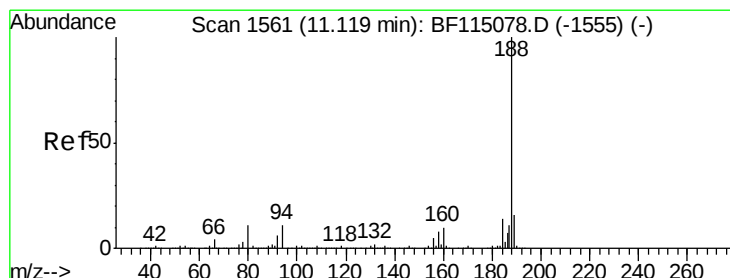
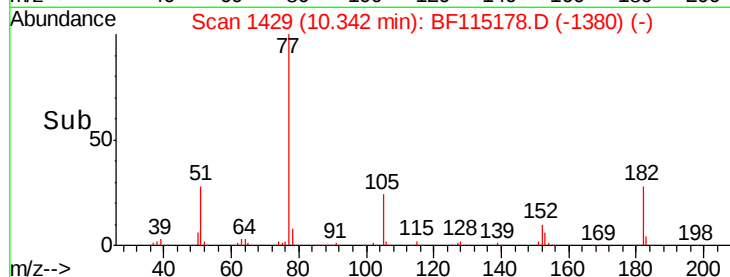
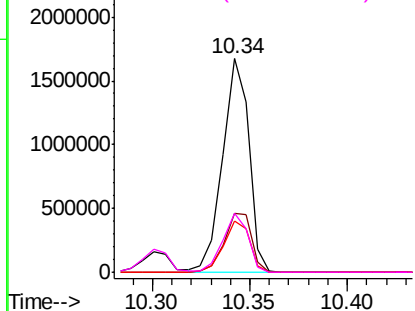
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

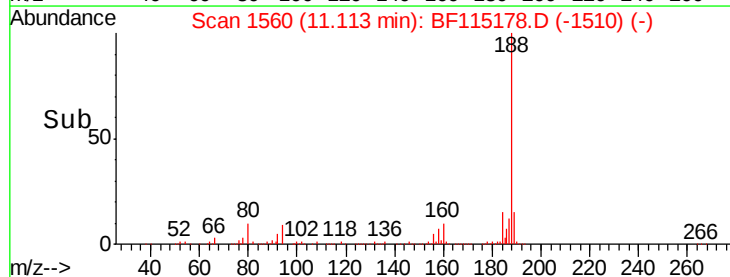
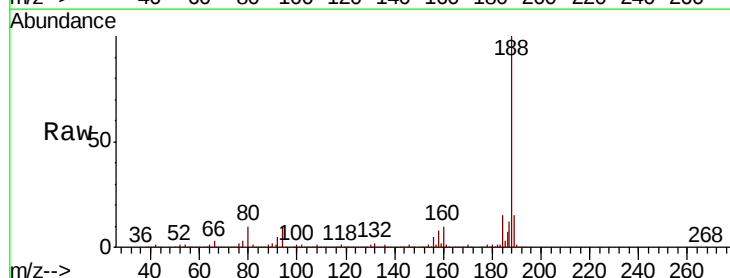
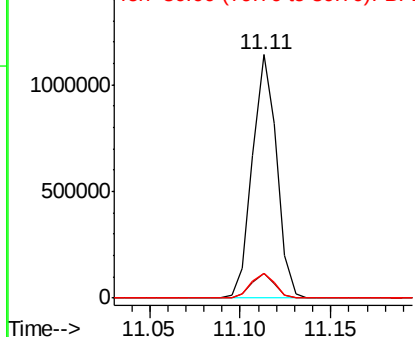
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.6	12.8	
80	10.3	8.8	13.2	

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





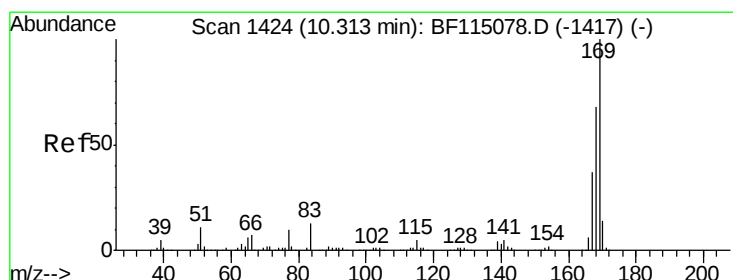
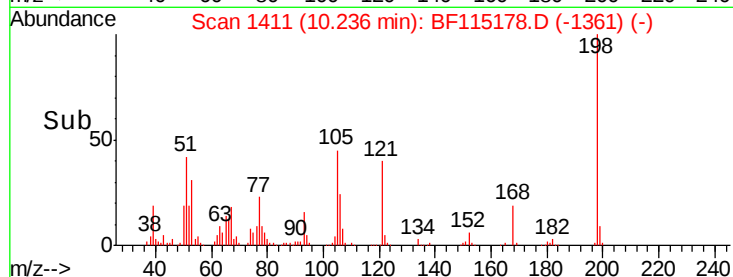
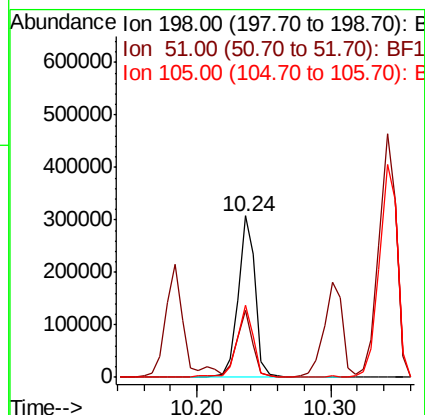
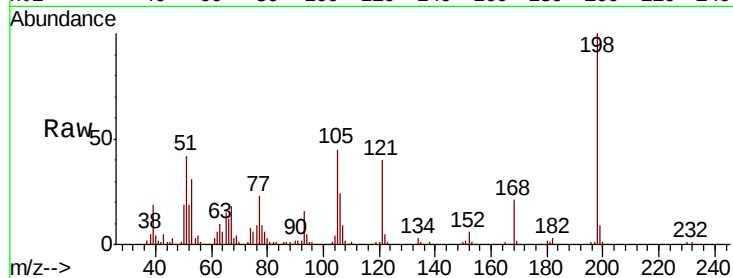
#65
4,6-Dinitro-2-methylphenol
Concen: 48.715 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	275354		
51	41.8	11.0	51.0	
105	44.9	17.3	57.3	

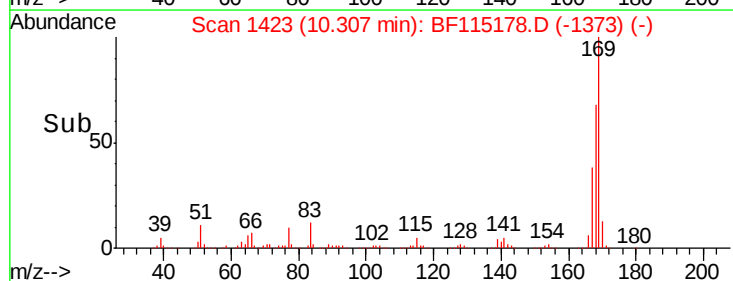
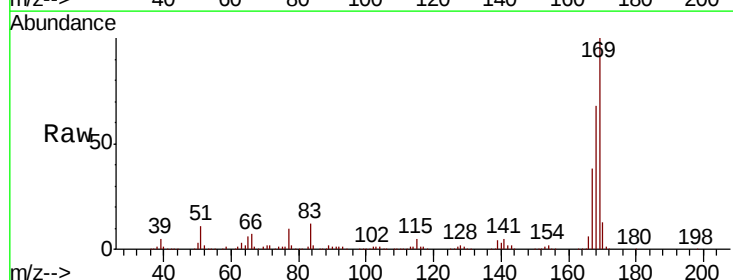
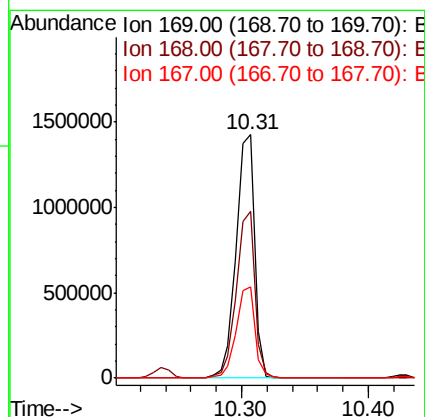
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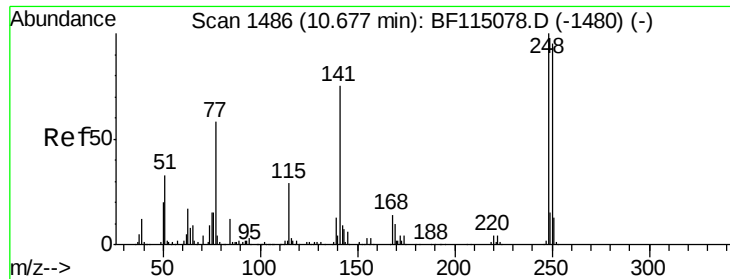
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.194 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1427117		
168	68.3	54.2	81.4	
167	37.6	29.4	44.0	





#67

4-Bromophenyl-phenylether

Concen: 42.670 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

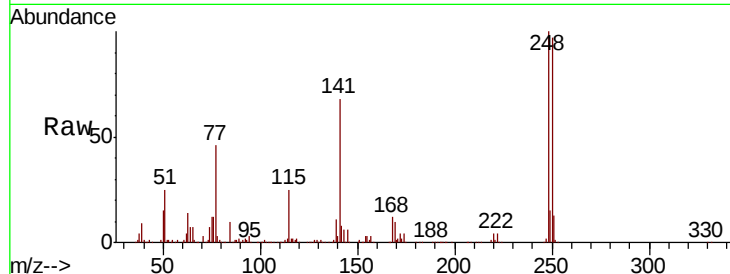
ClientSampleId :

PB120877BS

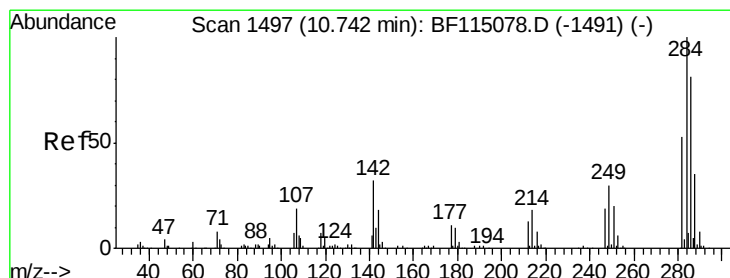
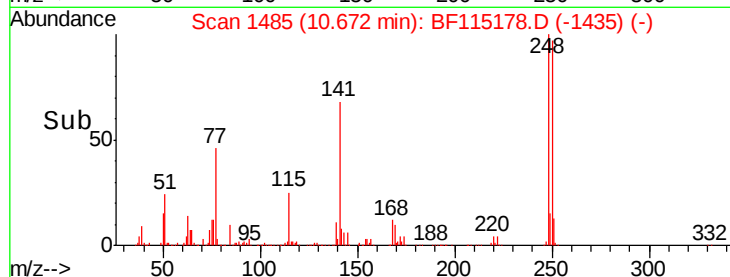
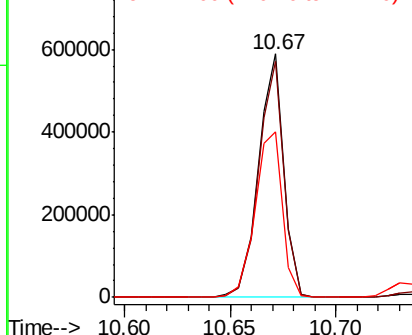
Tot Ion:	248	Resp:	490619
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.2	114.2
141	68.0	59.6	89.4

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Abundance Ion 248.00 (247.70 to 248.70): E
800000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.025 ng

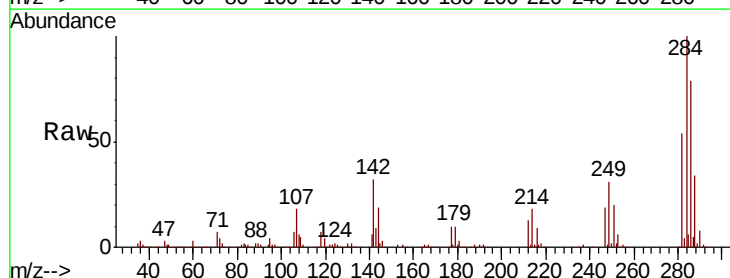
RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

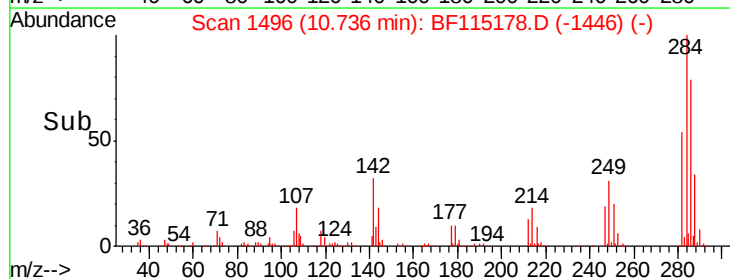
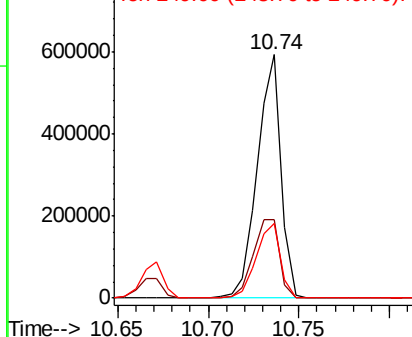
Lab File: BF115178.D

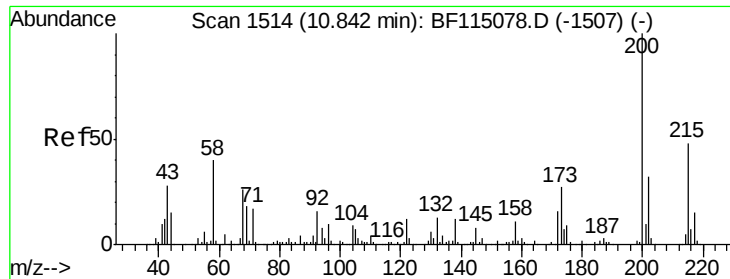
Acq: 25 Jun 2019 9:44

Tgt Ion:	284	Resp:	536971
Ion Ratio	Lower	Upper	
284	100		
142	32.1	25.8	38.8
249	30.7	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
800000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





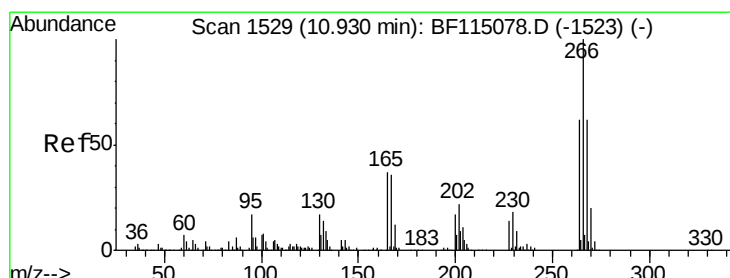
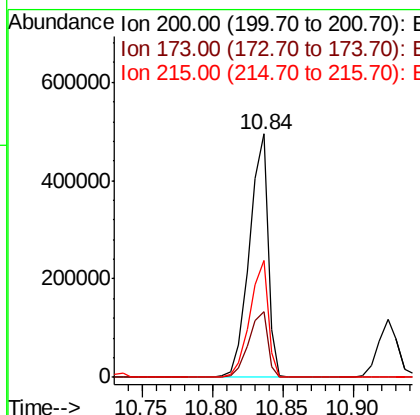
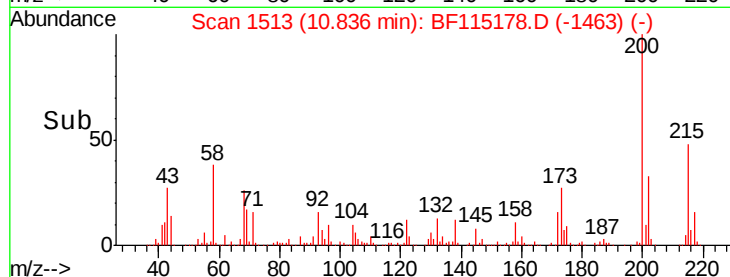
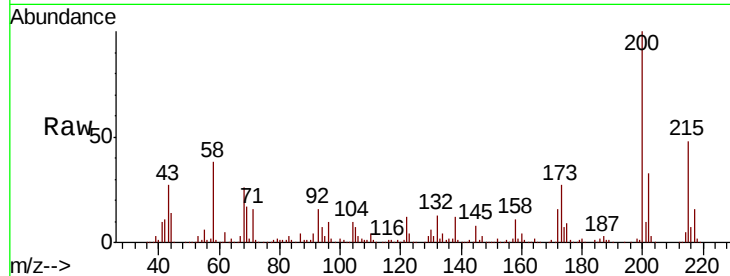
#69
Atrazine
Concen: 43.130 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	7.4	47.4
215	48.1	27.8	67.8

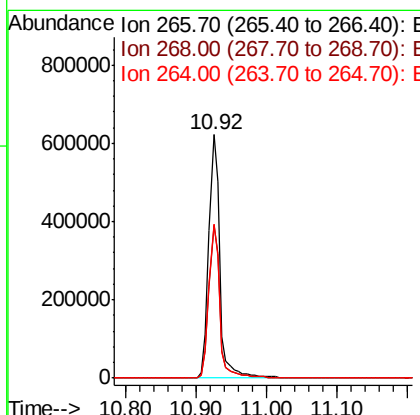
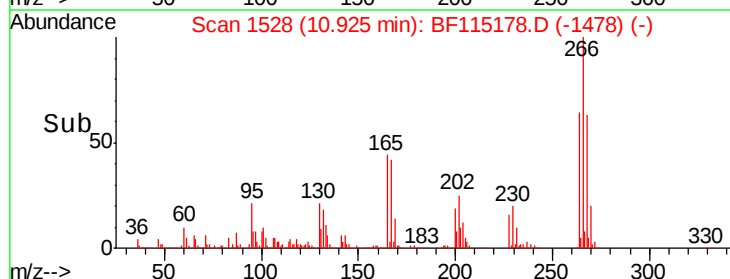
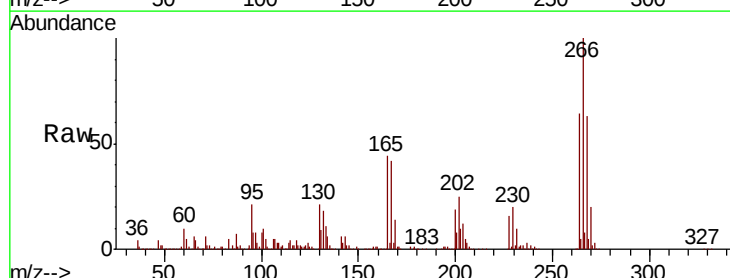
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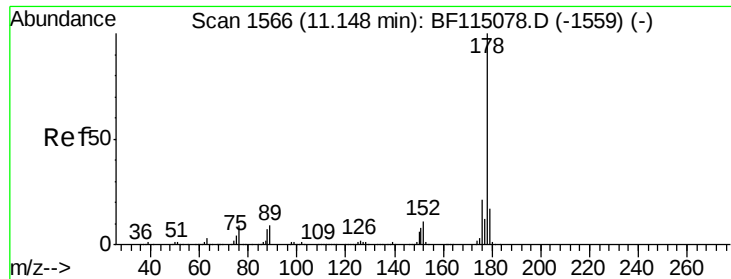
mohammad
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#70
Pentachlorophenol
Concen: 85.467 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	49.5	74.3
264	63.5	49.3	73.9





#71

Phenanthrene

Concen: 39.893 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

Tot Ion:178 Resp: 2277861

Ion Ratio Lower Upper

178 100

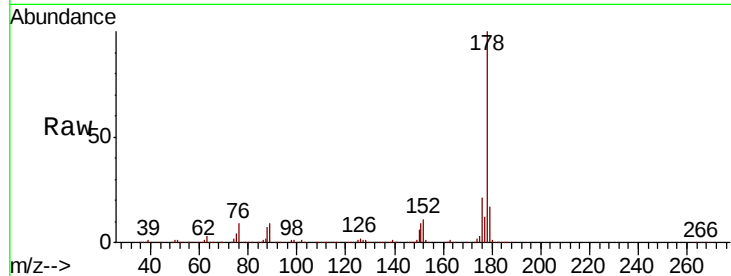
176 21.4 16.9 25.3

179 16.8 13.2 19.8

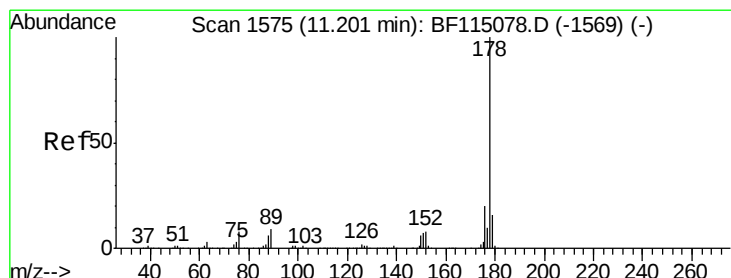
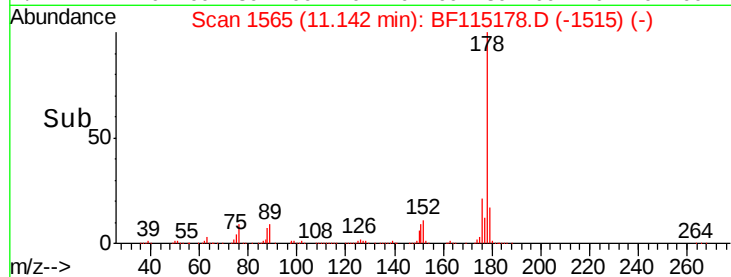
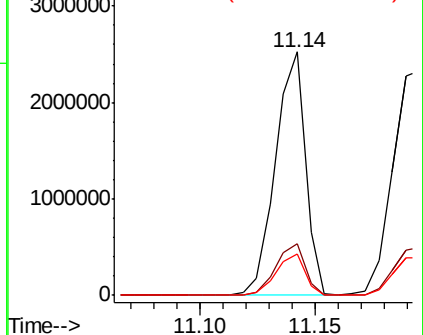
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.969 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Tgt Ion:178 Resp: 2361336

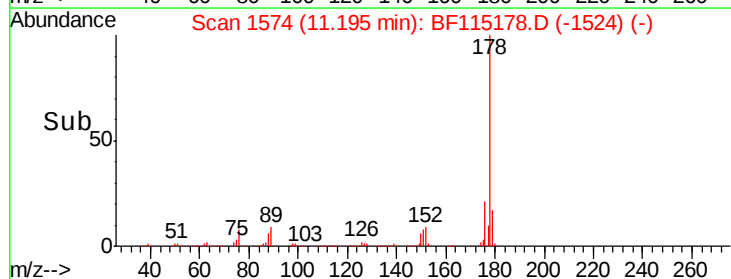
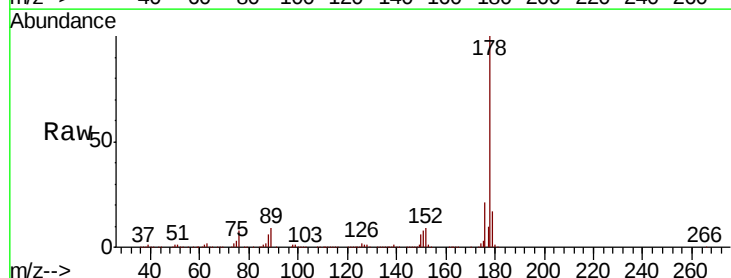
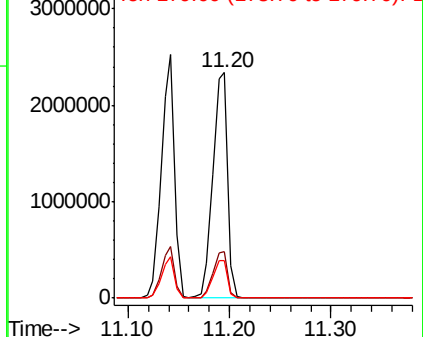
Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

179 16.6 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





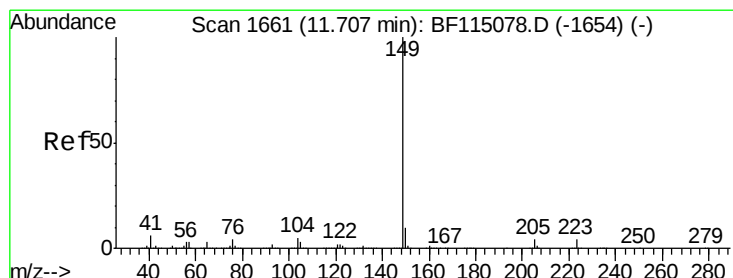
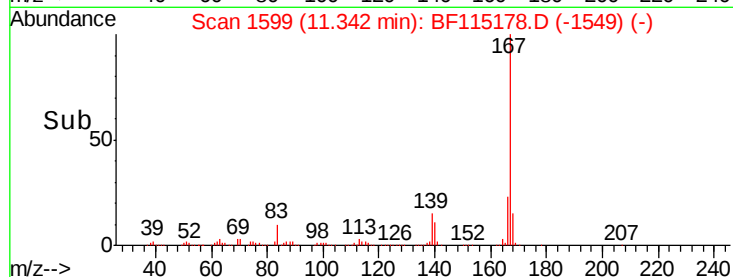
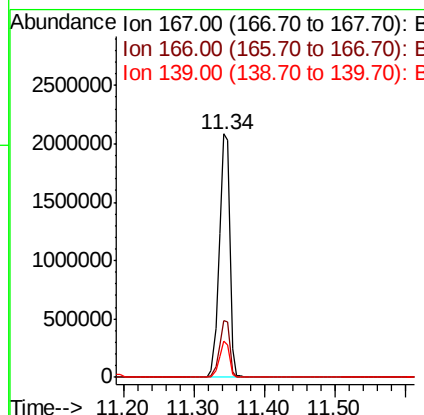
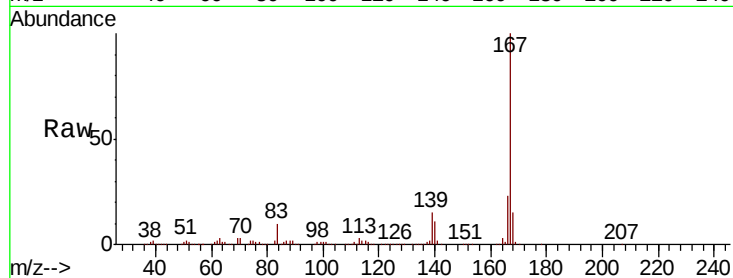
#73
 Carbazole
 Concen: 42.281 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampled :
 PB120877BS

Tot Ion:167 Resp: 2176101
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.0 27.0
 139 14.8 11.1 16.7

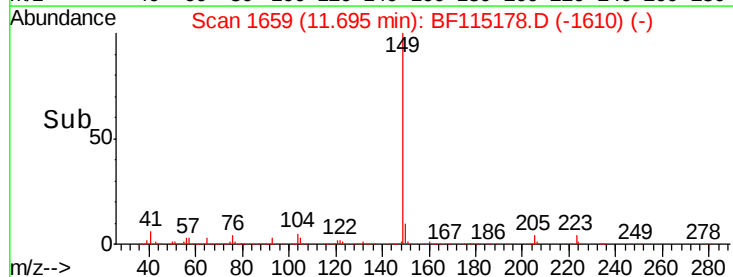
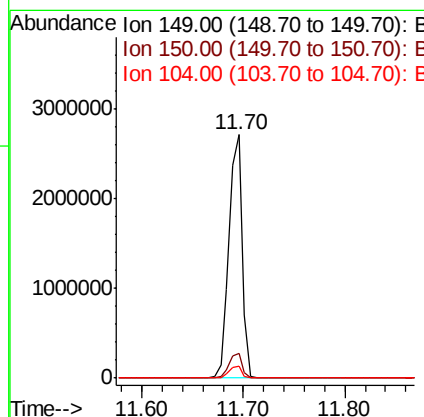
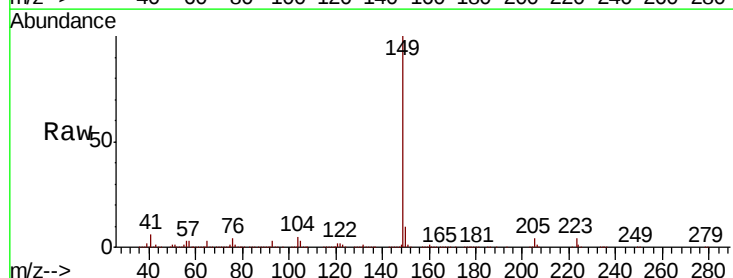
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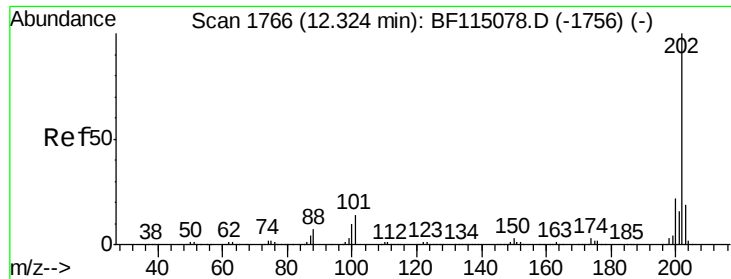
mohammad
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#74
 Di-n-butylphthalate
 Concen: 41.440 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:149 Resp: 2464624
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.8 11.8
 104 4.9 3.7 5.5





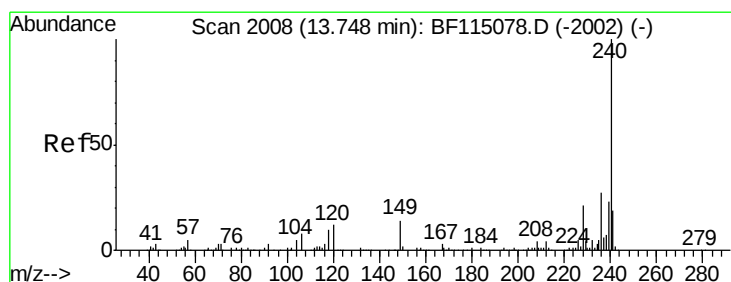
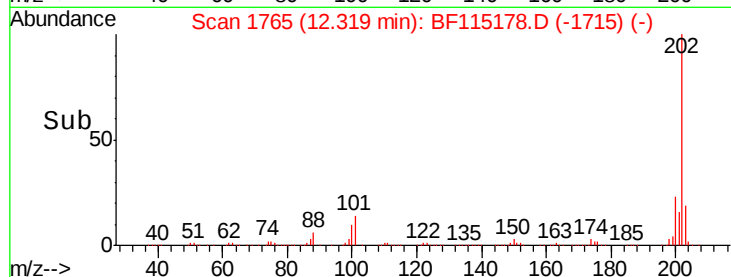
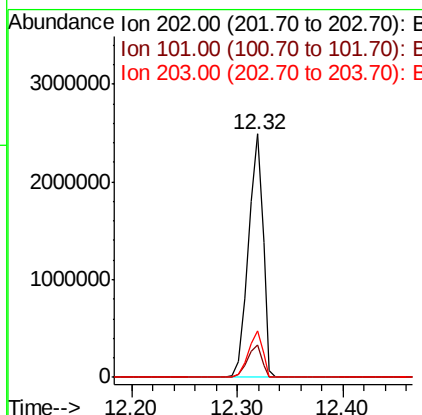
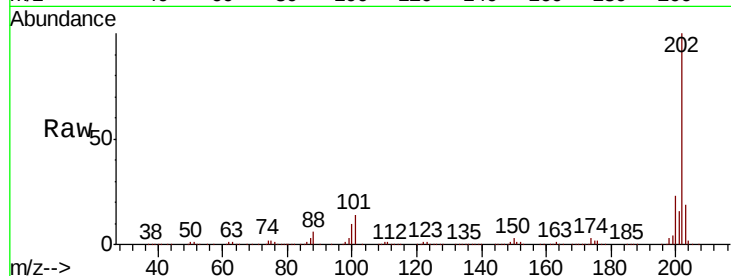
#75
 Fluoranthene
 Concen: 41.780 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.0
203	19.2	0.0	38.8

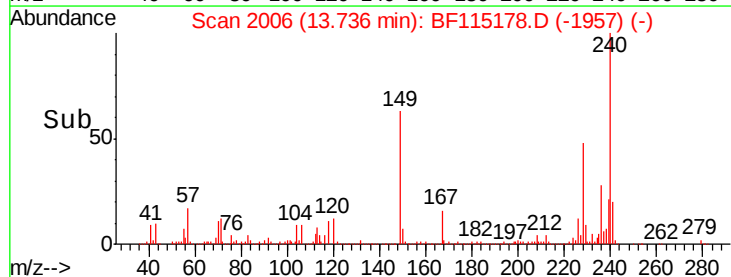
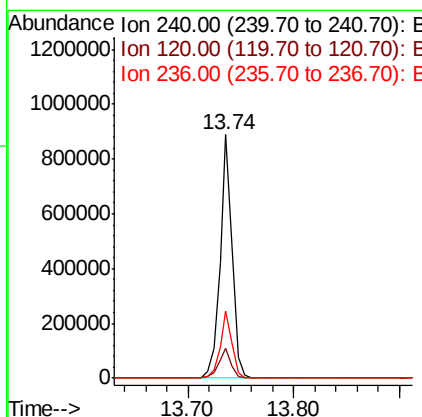
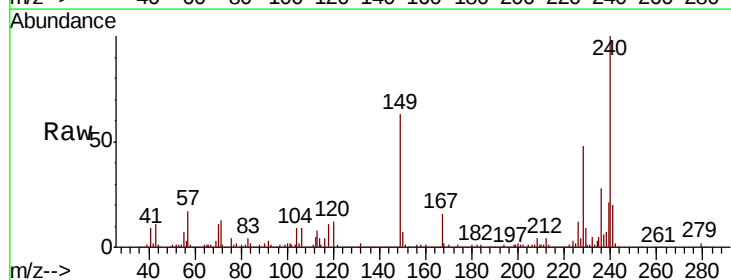
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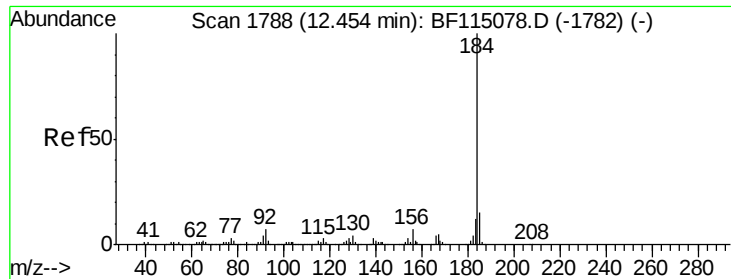
mohammad
 6/26/2019 2:03:04 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.4	14.2
236	27.6	21.7	32.5





#77

Benzidine

Concen: 26.297 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

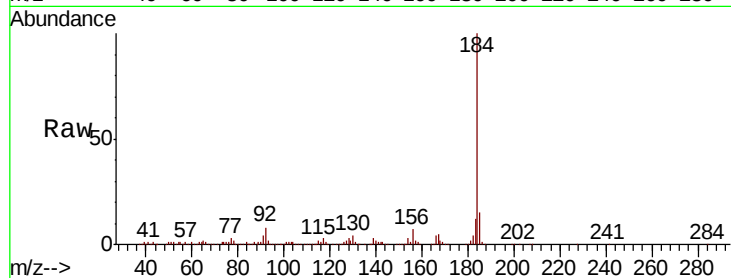
ClientSampleId :

PB120877BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	12.0	9.6	14.4

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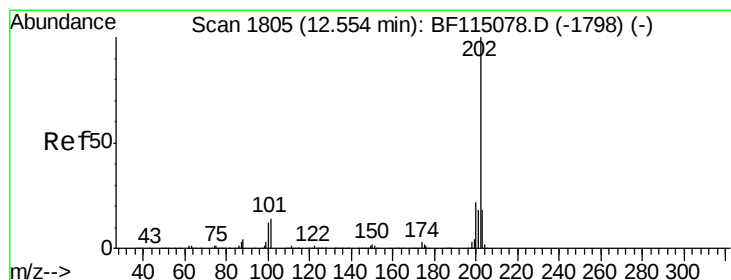
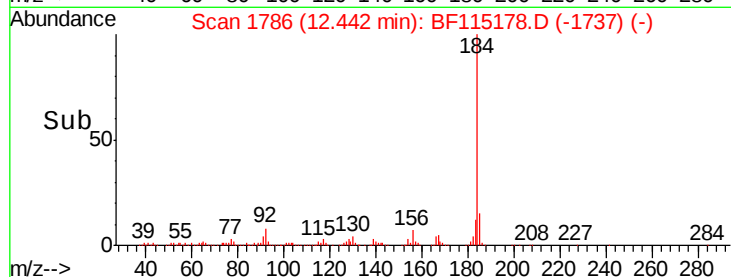
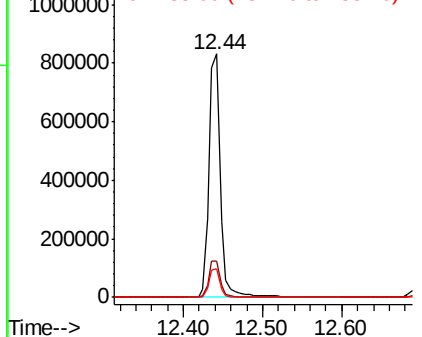


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.249 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

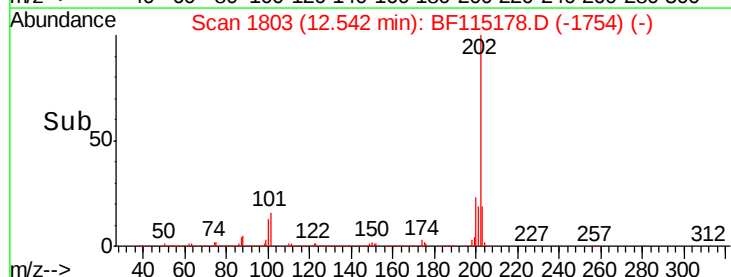
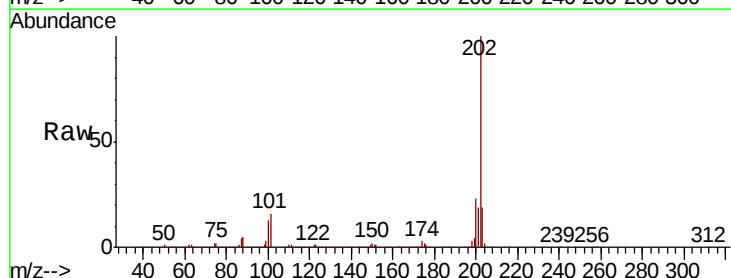
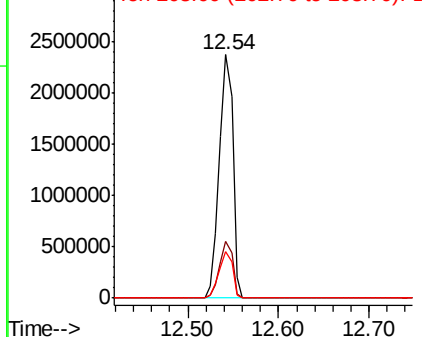
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.9	26.9
203	19.2	14.6	21.8

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





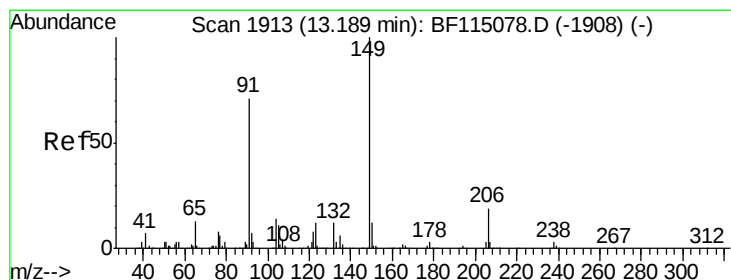
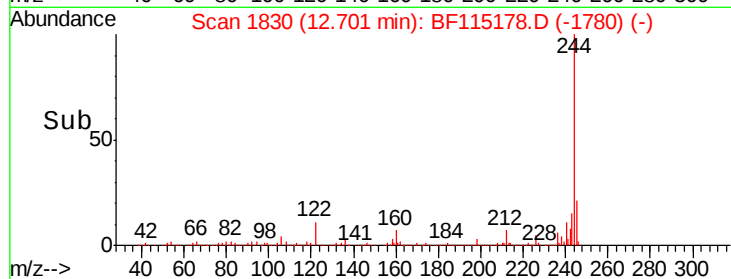
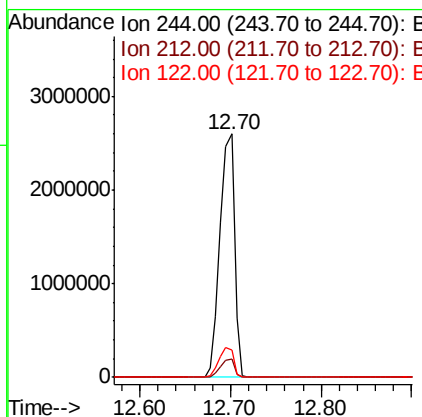
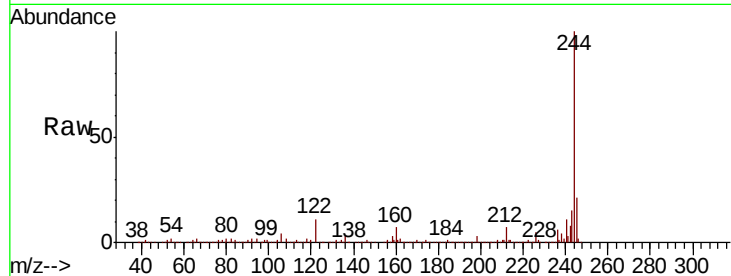
#79
 Terphenyl-d14
 Concen: 85.529 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tot Ion:244 Resp: 2880767
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 11.5 10.4 15.6

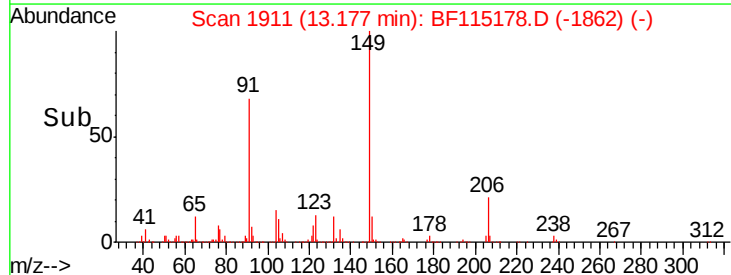
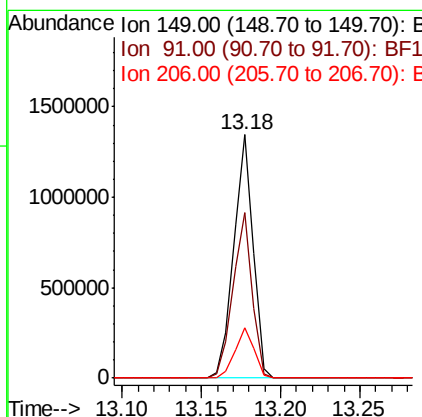
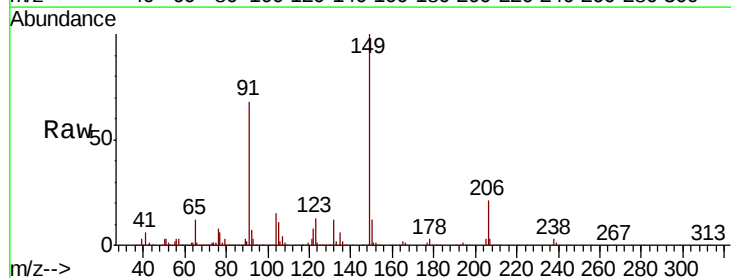
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#80
 Butylbenzylphthalate
 Concen: 46.813 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:149 Resp: 1136955
 Ion Ratio Lower Upper
 149 100
 91 68.1 56.5 84.7
 206 20.9 15.3 22.9





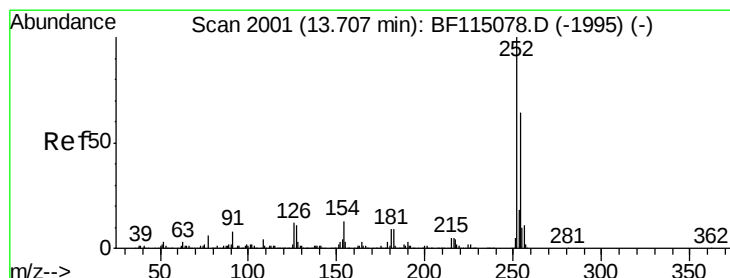
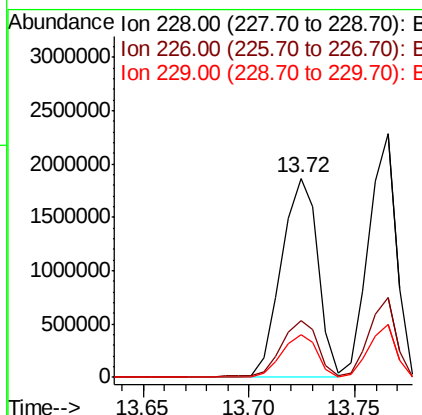
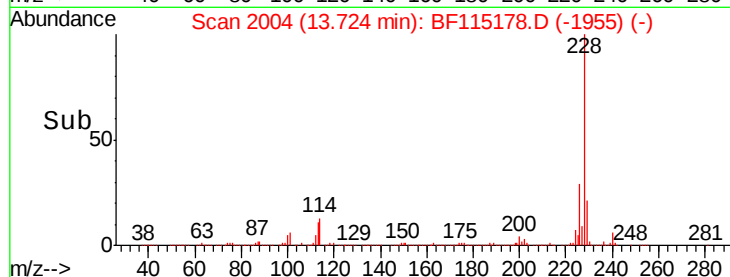
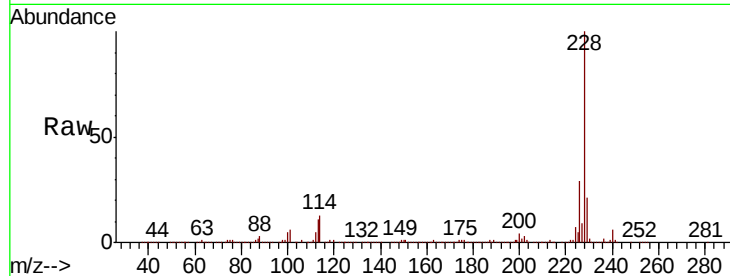
#81
Benzo(a)anthracene
Concen: 43.873 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	21.2	16.6	24.8

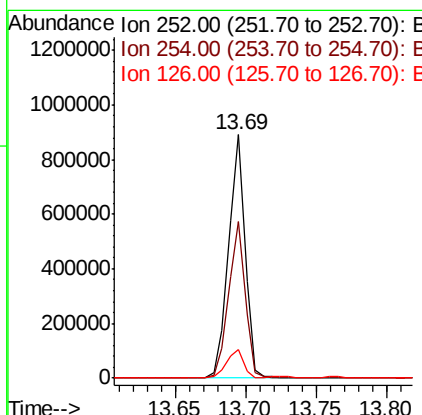
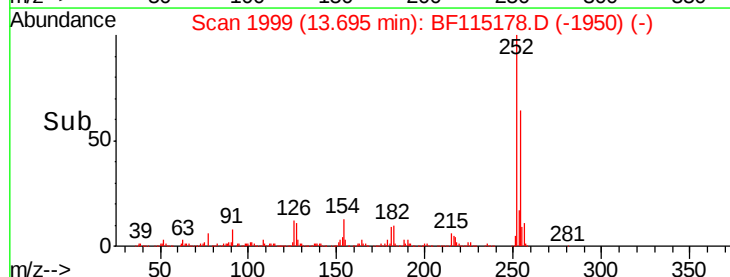
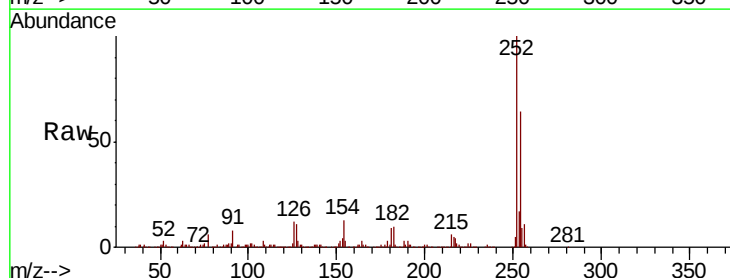
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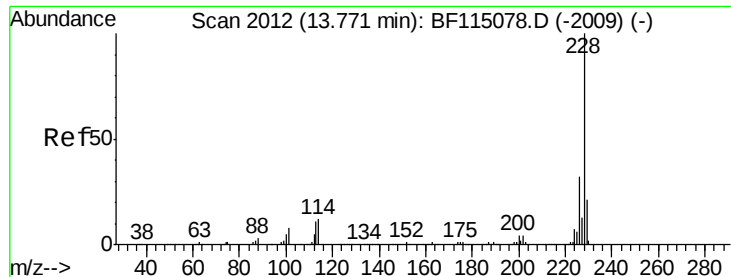
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#82
3,3'-Dichlorobenzidine
Concen: 39.390 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	11.6	9.4	14.0





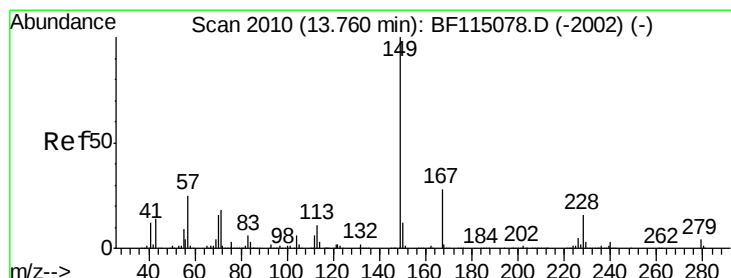
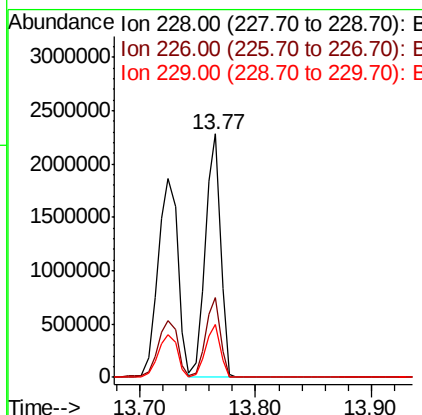
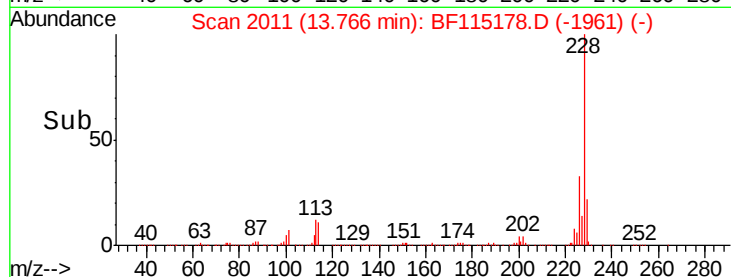
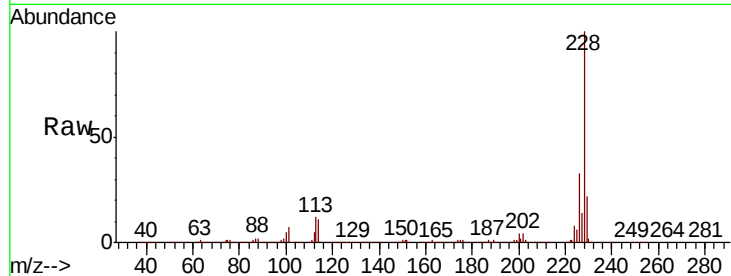
#83
 Chrvsene
 Concen: 44.694 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tot Ion:228 Resp: 2103701
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.4 38.0
 229 21.6 16.5 24.7

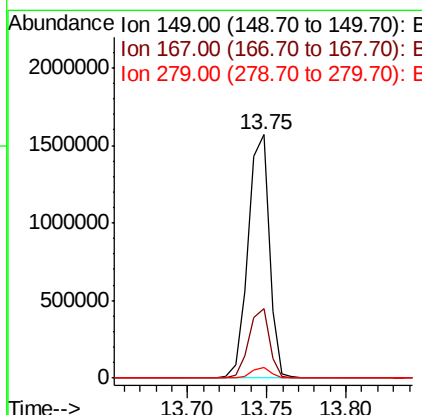
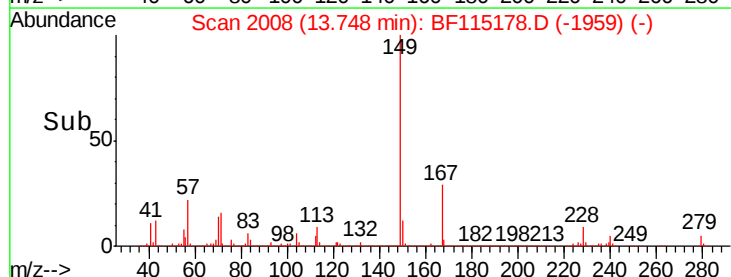
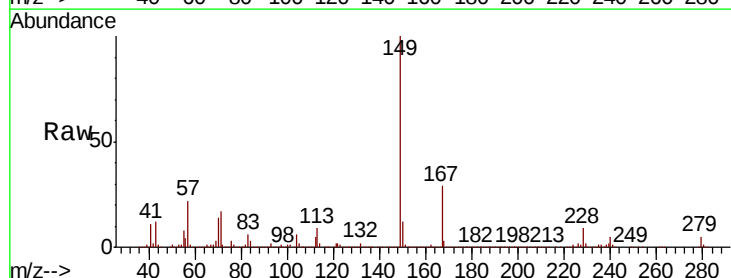
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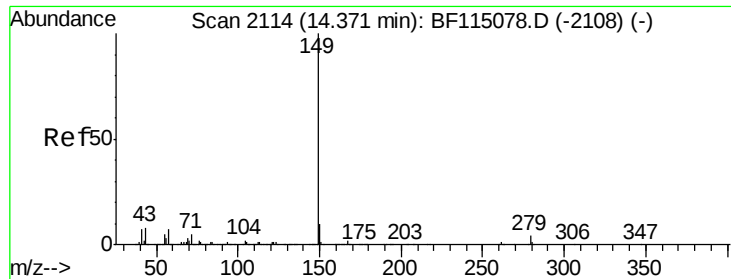
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.816 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:149 Resp: 1458043
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.2 33.4
 279 4.6 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 47.136 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

Tot Ion:149 Resp: 2520347

Ion Ratio Lower Upper

149 100

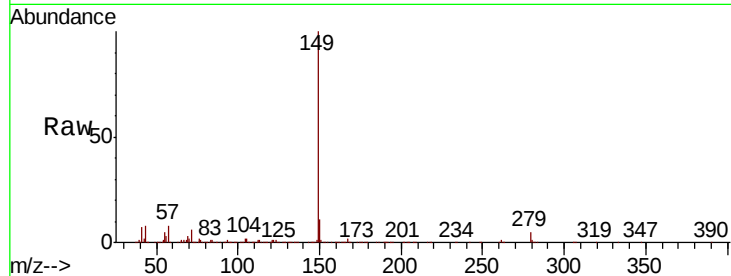
167 1.6 1.2 1.8

43 8.7 7.0 10.6

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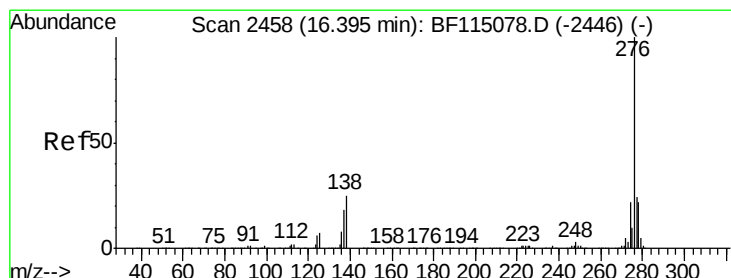
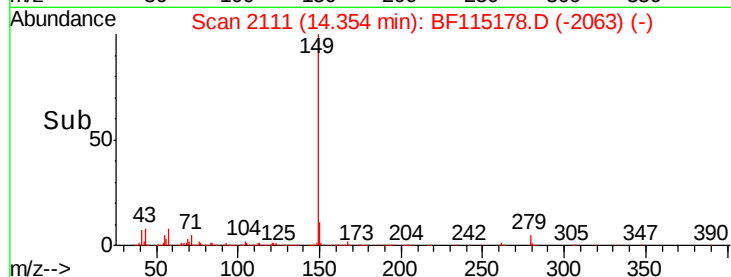
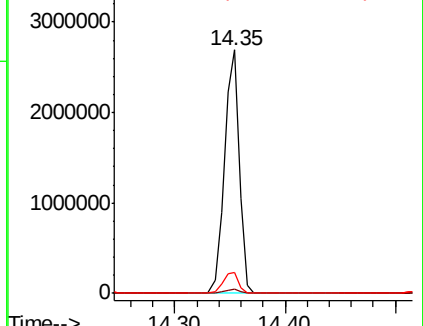
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.999 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

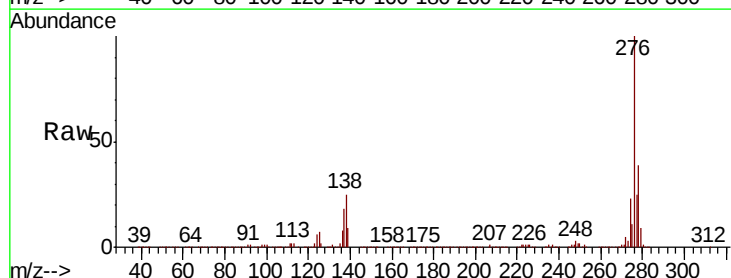
Tgt Ion:276 Resp: 2617693

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

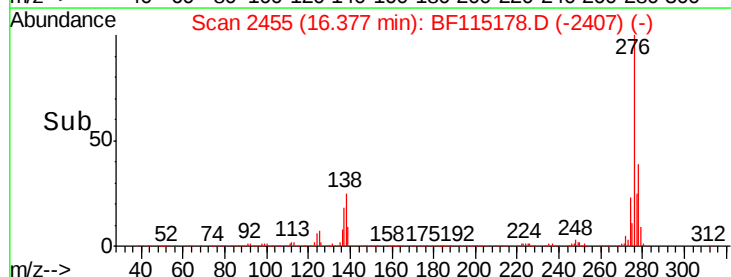
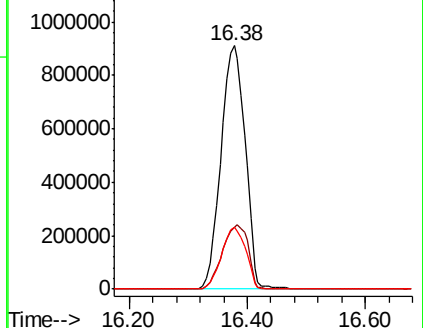
277 25.5 20.1 30.1

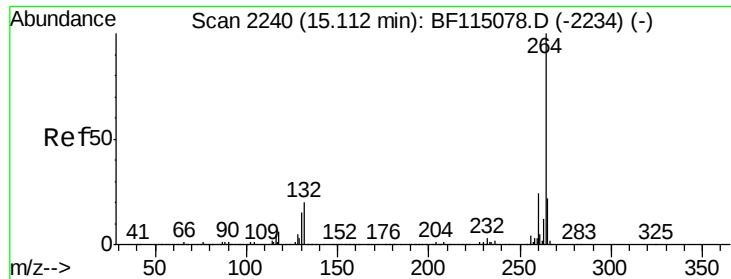


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





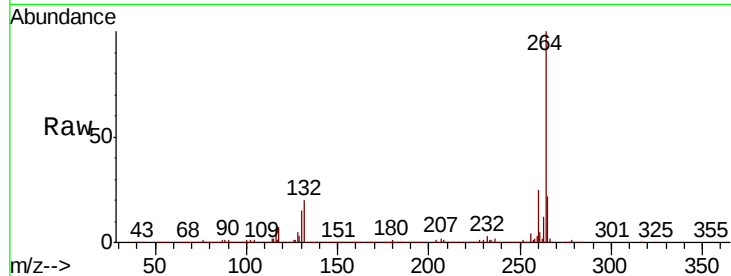
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.9	17.3	25.9

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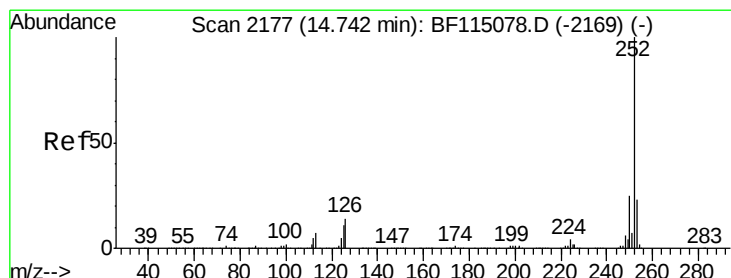
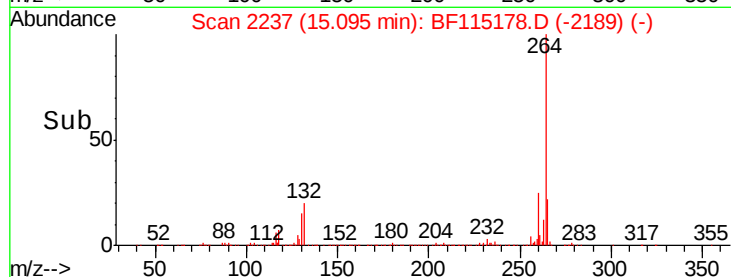
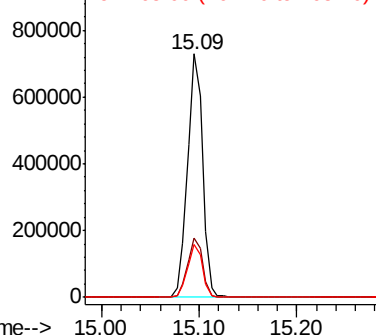


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 52.490 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

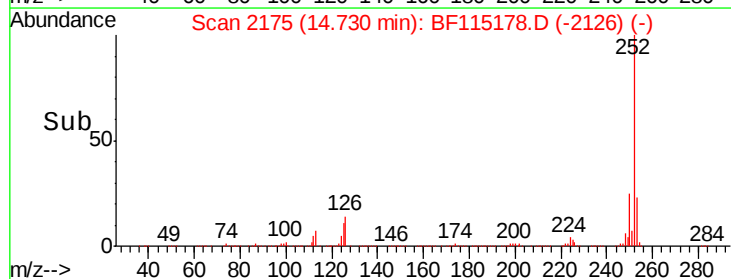
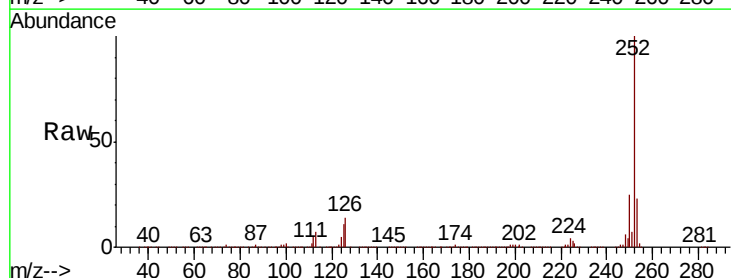
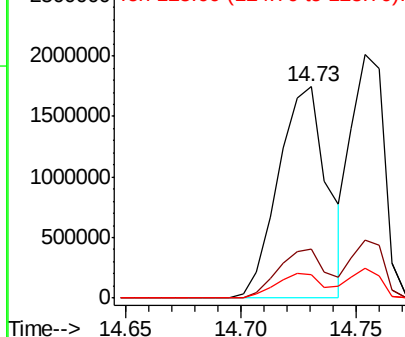
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.9	8.7	13.1

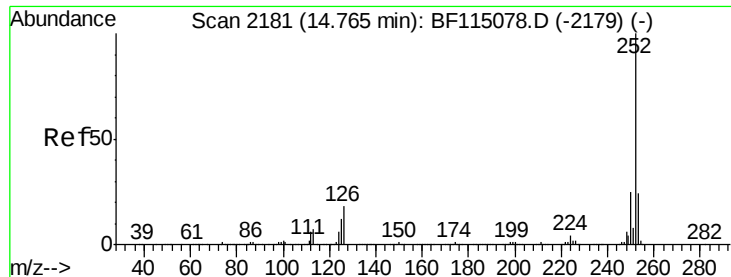
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





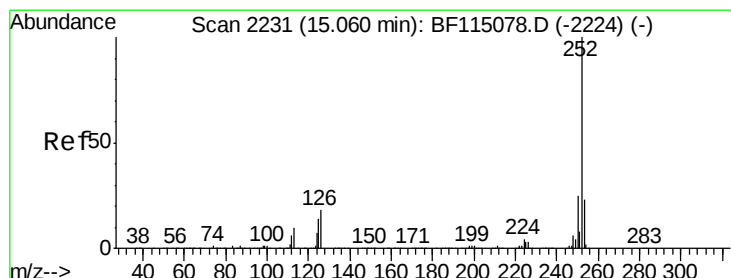
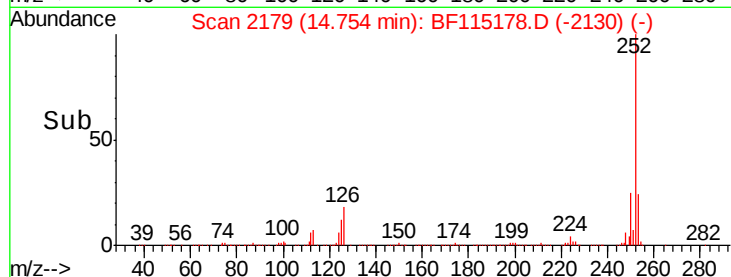
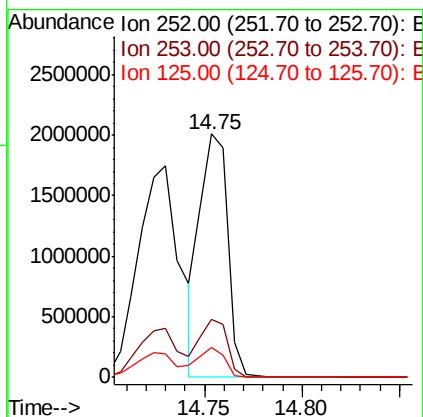
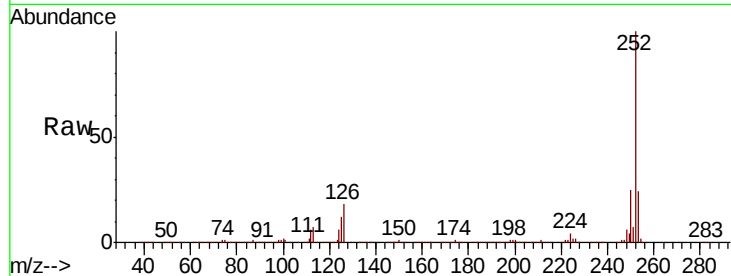
#89
Benzo(k)fluoranthene
Concen: 45.294 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	12.4	10.2	15.2

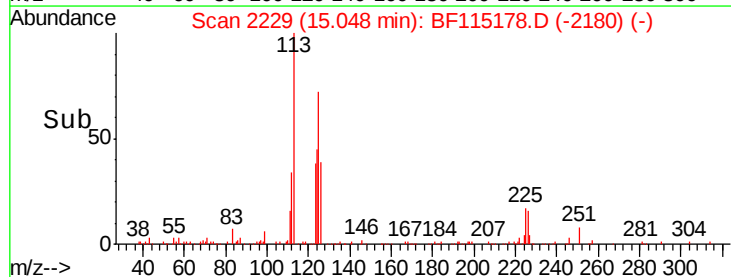
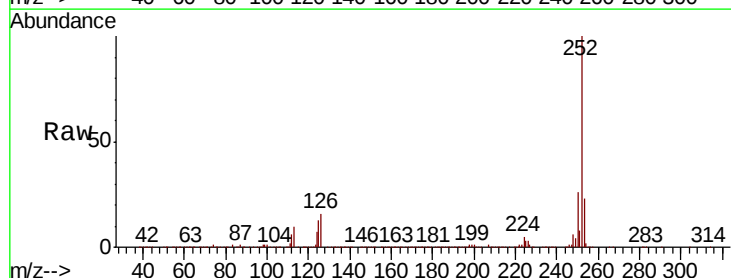
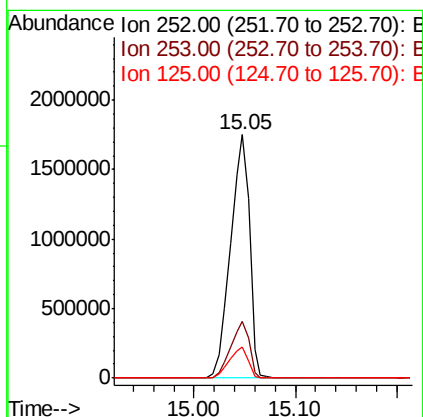
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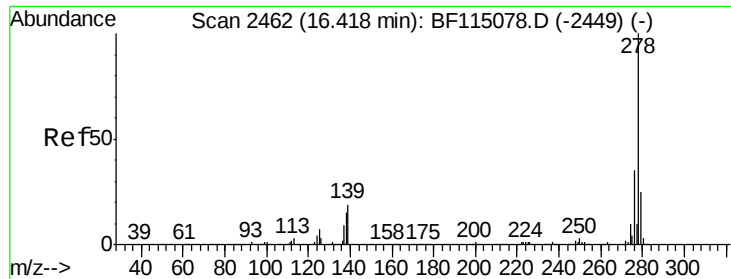
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#90
Benzo(a)pyrene
Concen: 51.494 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	12.8	10.9	16.3





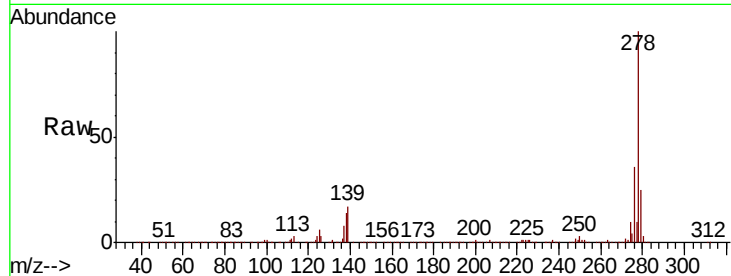
#91
Dibenzo(a,h)anthracene
Concen: 51.683 ng
RT: 16.40 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.4	23.2
279	24.6	19.9	29.9

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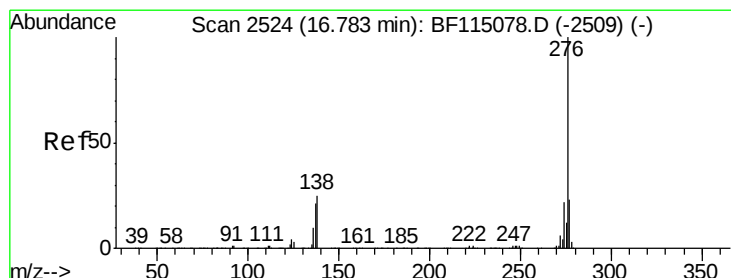
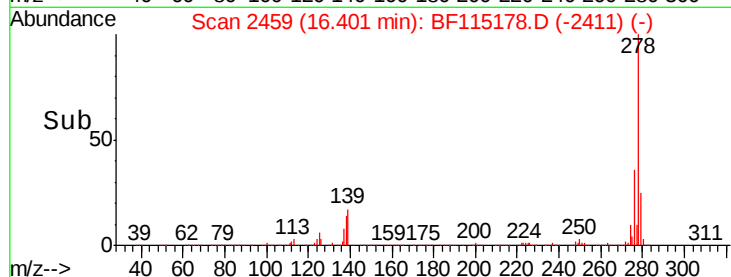
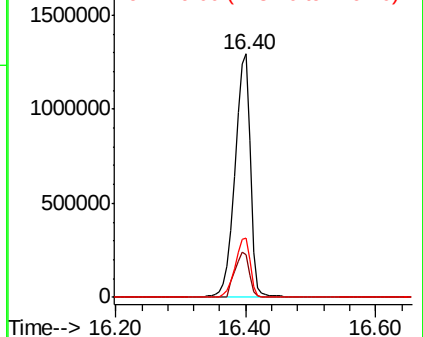


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.908 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	25.0	19.8	29.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

