

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115270.D
 Acq On : 28 Jun 2019 10:07
 Operator : HP/JU
 Sample : PB120885BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120885BS

Manual Integrations
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mohammad
 7/1/2019 3:05:34 PM

Quant Time: Jun 29 04:18:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	262536	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1010404	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	505571	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	980135	20.00	ng	0.00
76) Chrysene-d12	13.72	240	633729	20.00	ng	0.00
87) Perylene-d12	15.10	264	801526	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1948853	114.55	ng	0.02
7) Phenol-d6	6.25	99	2383498	115.43	ng	0.01
23) Nitrobenzene-d5	7.17	82	1532116	93.28	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	709677	133.11	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2803648	94.20	ng	0.00
79) Terphenyl-d14	12.69	244	2902535	97.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	261926	32.622	ng	99
3) Pyridine	2.88	79	756053	33.409	ng	98
4) n-Nitrosodimethylamine	2.83	42	330068	37.205	ng	98
6) Aniline	6.27	93	703849	24.801	ng	# 10
8) 2-Chlorophenol	6.39	128	803786	42.017	ng	100
9) Benzaldehyde	6.14	77	159735	11.857	ng	96
10) Phenol	6.27	94	909380	37.596	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	735467	41.249	ng	99
12) 1,3-Dichlorobenzene	6.54	146	860236	40.518	ng	99
13) 1,4-Dichlorobenzene	6.62	146	866887	40.719	ng	99
14) 1,2-Dichlorobenzene	6.77	146	805710	40.867	ng	99
15) Benzyl Alcohol	6.75	79	597493	39.737	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1066585	41.244	ng	98
17) 2-Methylphenol	6.87	107	688348	43.593	ng	98
18) Hexachloroethane	7.11	117	312339	40.694	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	514898	38.948	ng	98
20) 3+4-Methylphenols	7.02	107	762105	41.799	ng	# 81
22) Acetophenone	7.01	105	1054428	45.584	ng	# 95
24) Nitrobenzene	7.18	77	808841	44.699	ng	99
25) Isophorone	7.43	82	1519195	45.150	ng	100
26) 2-Nitrophenol	7.50	139	464638	51.995	ng	99
27) 2,4-Dimethylphenol	7.55	122	756791	51.724	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	966030	45.424	ng	100
29) 2,4-Dichlorophenol	7.75	162	715527	47.388	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	776118	46.534	ng	99
31) Naphthalene	7.91	128	2259705	45.560	ng	100
32) Benzoic acid	7.70	122	575843	55.136	ng	96
33) 4-Chloroaniline	7.95	127	417812	18.432	ng	99
34) Hexachlorobutadiene	8.03	225	422717	46.250	ng	99
35) Caprolactam	8.33	113	235348m	46.360	ng	
36) 4-Chloro-3-methylphenol	8.45	107	713358	46.651	ng	98
37) 2-Methylnaphthalene	8.60	142	1576635	47.146	ng	99
38) 1-Methylnaphthalene	8.70	142	1484099	46.466	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	663519	46.444	ng	99

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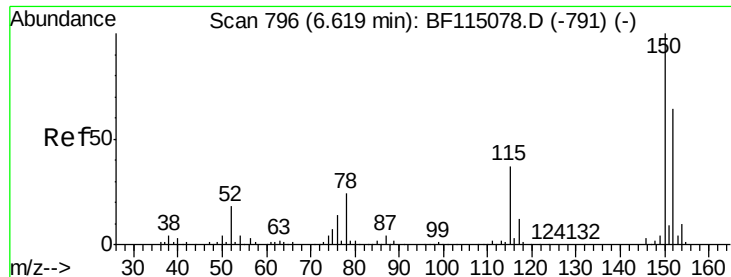
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	800438	94.487	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	536239	48.618	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	540173	47.557	ng	98
46) 1,1'-Biphenyl	9.06	154	1837362	45.420	ng	98
47) 2-Chloronaphthalene	9.08	162	1470521	44.814	ng	99
48) 2-Nitroaniline	9.18	65	427139	44.649	ng	90
49) Acenaphthylene	9.50	152	2270230	44.406	ng	99
50) Dimethylphthalate	9.37	163	1737044	46.700	ng	99
51) 2,6-Dinitrotoluene	9.42	165	409285	47.661	ng #	87
52) Acenaphthene	9.67	154	1360049	42.513	ng	99
53) 3-Nitroaniline	9.58	138	270017	25.766	ng	99
54) 2,4-Dinitrophenol	9.70	184	470991	104.147	ng	96
55) Dibenzofuran	9.84	168	1989726	43.334	ng	98
56) 4-Nitrophenol	9.76	139	723059	86.064	ng	95
57) 2,4-Dinitrotoluene	9.82	165	532354	48.011	ng	95
58) Fluorene	10.18	166	1375071	44.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	477721	50.158	ng	98
60) Diethylphthalate	10.07	149	1700310	45.475	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	681772	47.273	ng	96
62) 4-Nitroaniline	10.20	138	440867	41.936	ng	97
63) Azobenzene	10.33	77	1540191	44.102	ng	97
65) 4,6-Dinitro-2-methylphenol	10.23	198	280259	53.146	ng	91
66) n-Nitrosodiphenylamine	10.30	169	1410806	46.202	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	499445	46.999	ng	94
68) Hexachlorobenzene	10.72	284	540655	46.872	ng	97
69) Atrazine	10.82	200	469157	47.762	ng	99
70) Pentachlorophenol	10.92	266	650338	88.501	ng	97
71) Phenanthrene	11.13	178	2247631	42.591	ng	100
72) Anthracene	11.18	178	2334411	43.823	ng	99
73) Carbazole	11.34	167	2101892	44.187	ng	99
74) Di-n-butylphthalate	11.68	149	2550540	46.401	ng	100
75) Fluoranthene	12.31	202	2311746	43.905	ng	99
77) Benzidine	12.42	184	834488	29.655	ng	100
78) Pyrene	12.53	202	2395140	49.179	ng	98
80) Butylbenzylphthalate	13.17	149	1151563	53.579	ng	93
81) Benzo(a)anthracene	13.71	228	2136719	46.990	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	587980	35.807	ng	99
83) Chrysene	13.75	228	2052567	49.277	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1525790	54.178	ng	99
85) Di-n-octyl phthalate	14.35	149	2577603	54.474	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2607701	52.907	ng	98
88) Benzo(b)fluoranthene	14.74	252	2373502	47.458	ng	99
89) Benzo(k)fluoranthene	14.77	252	1961535m	43.735	ng	
90) Benzo(a)pyrene	15.05	252	2174881	48.248	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	2098079	49.856	ng	98
92) Benzo(g,h,i)perylene	16.77	276	2230576	52.370	ng	99

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



#1

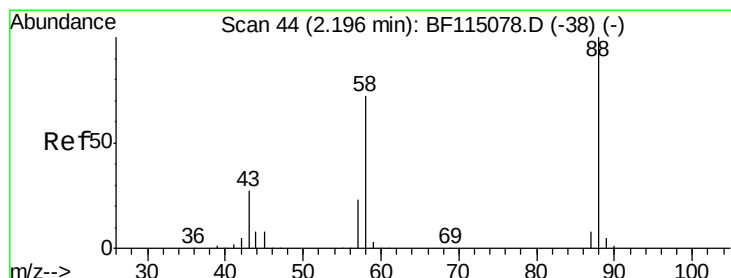
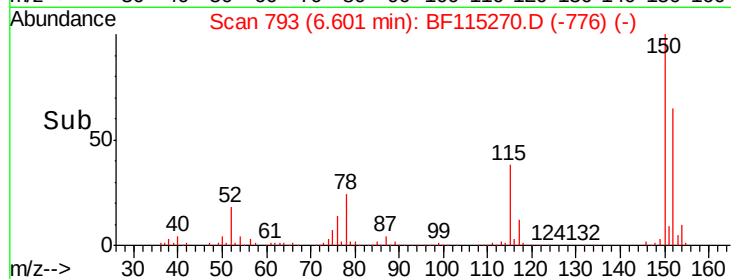
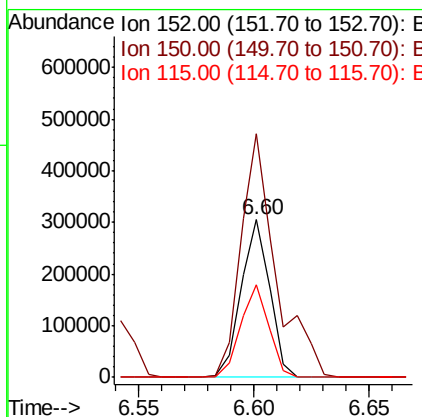
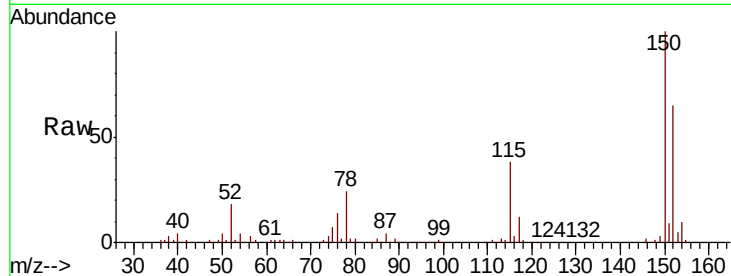
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.2	186.2
115	58.8	46.1	69.1

Manual Integrations
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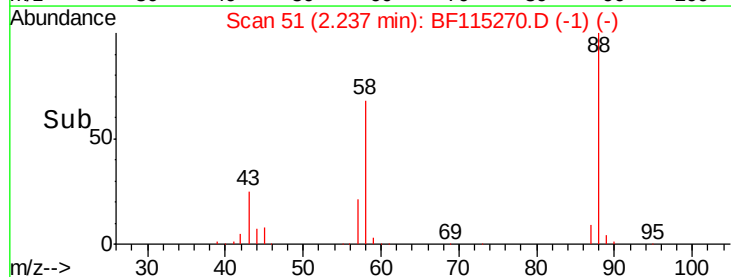
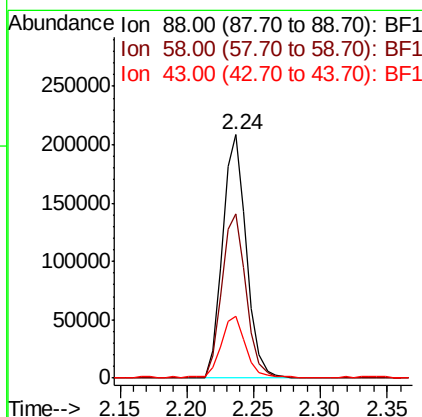
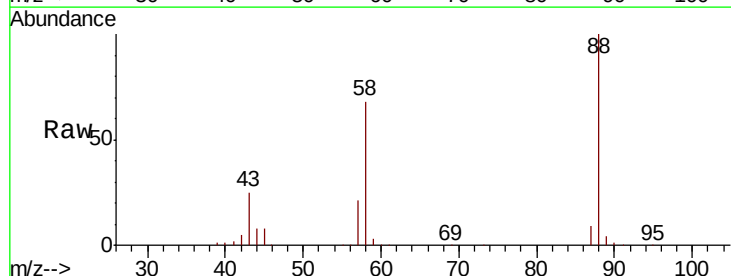
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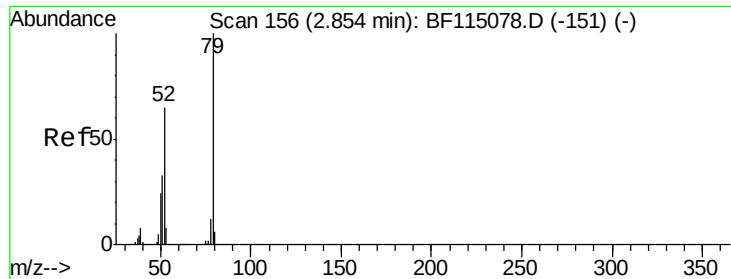


#2

1,4-Dioxane
Concen: 32.622 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	56.1	84.1
43	25.6	21.3	31.9





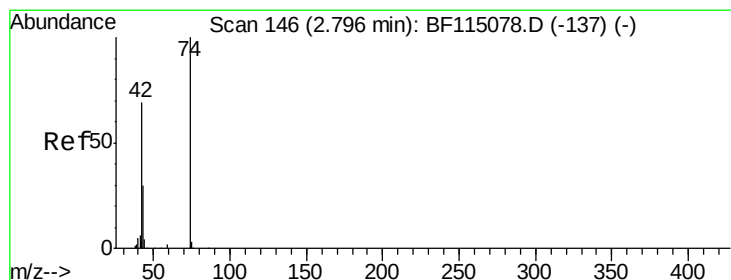
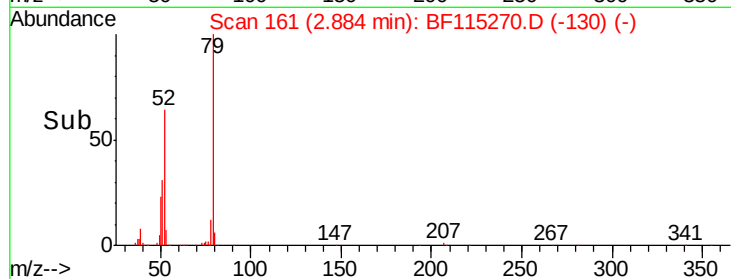
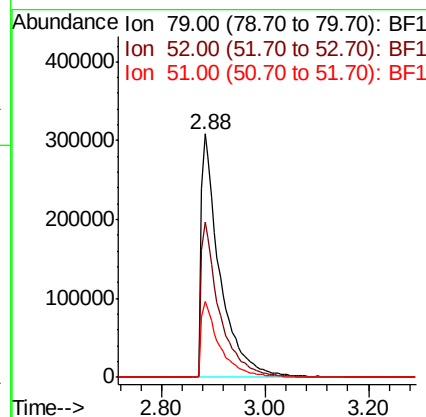
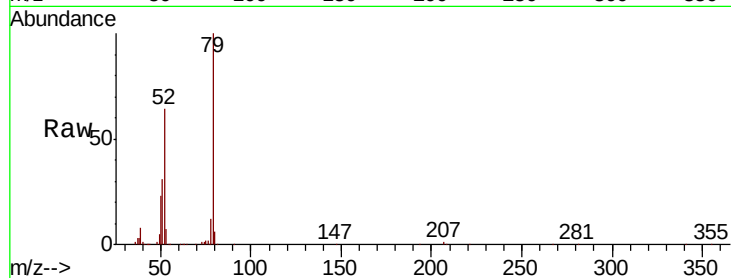
#3
 Pvridine
 Concen: 33.409 ng
 RT: 2.88 min Scan# 161
 Delta R.T. 0.08 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120885BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.7	52.3	78.5
51	31.2	26.1	39.1

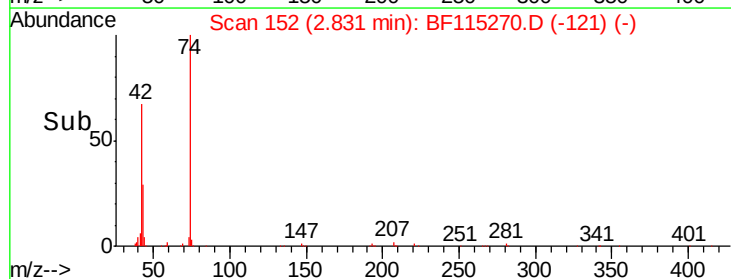
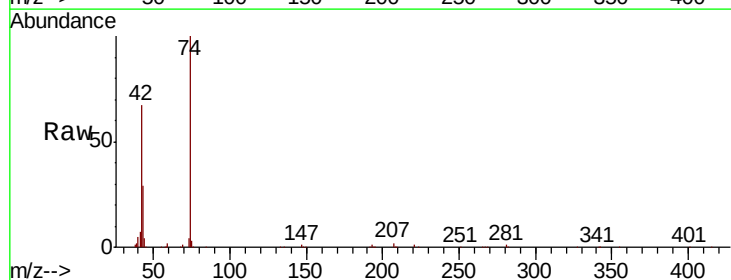
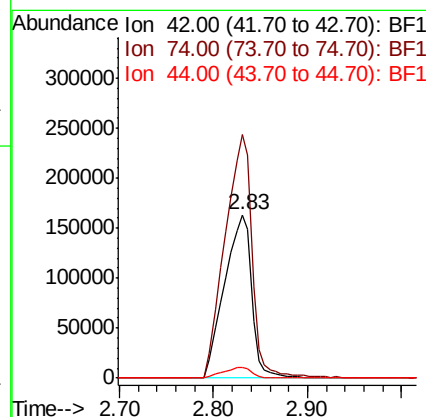
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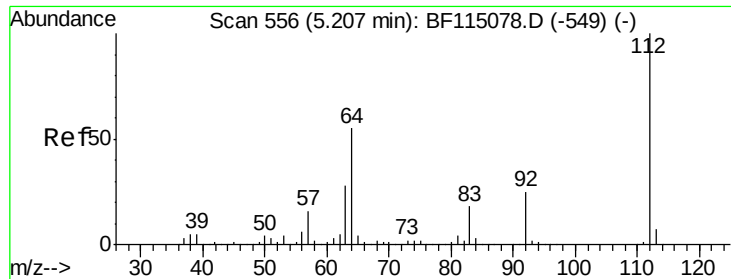
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#4
 n-Nitrosodimethylamine
 Concen: 37.205 ng
 RT: 2.83 min Scan# 152
 Delta R.T. 0.08 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.0	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 114.552 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

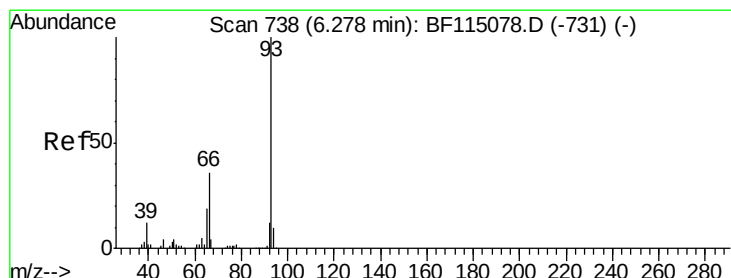
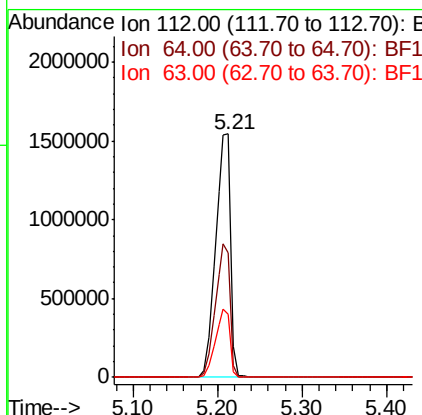
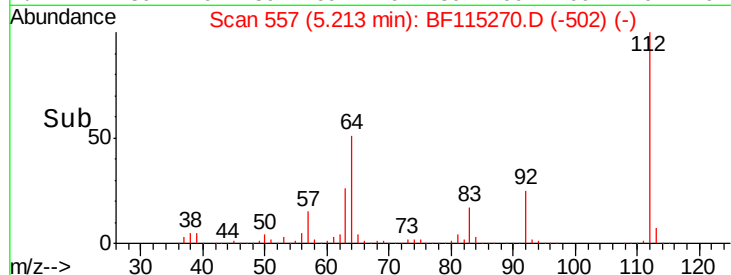
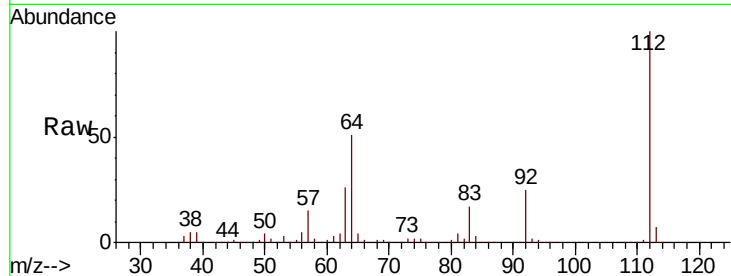
ClientSampleId :

PB120885BS

Tot Ion:	112	Resp:	1948853
Ion	Ratio	Lower	Upper
112	100		
64	51.2	43.8	65.6
63	26.1	22.2	33.4

Manual Integrations
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#6

Aniline

Concen: 24.801 ng

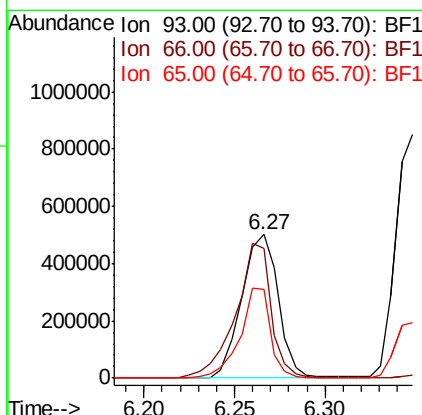
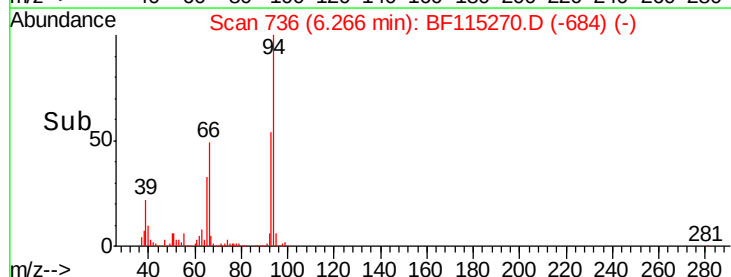
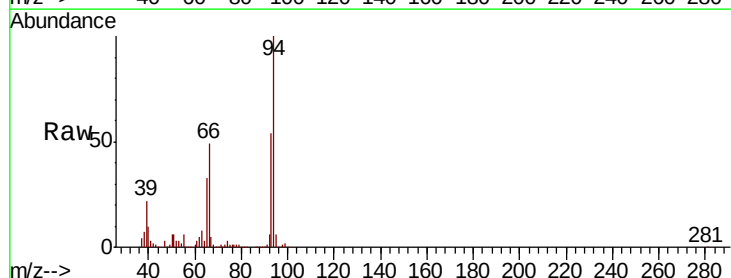
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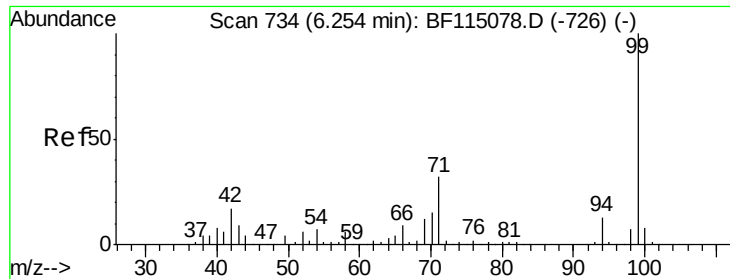
Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Tgt Ion:	93	Resp:	703849
Ion	Ratio	Lower	Upper
93	100		
66	90.5	30.0	45.0#
65	61.7	15.6	23.4#





#7

Phenol-d6

Concen: 115.427 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120885BS

Tot Ion: 99 Resp: 2383498

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

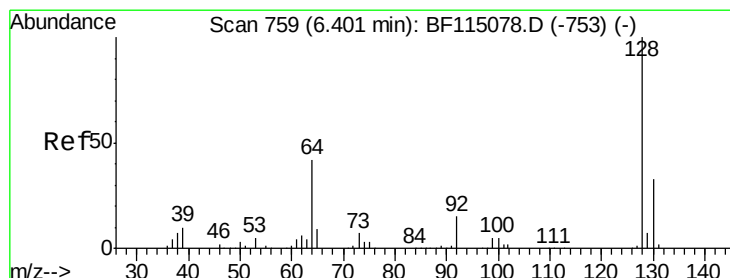
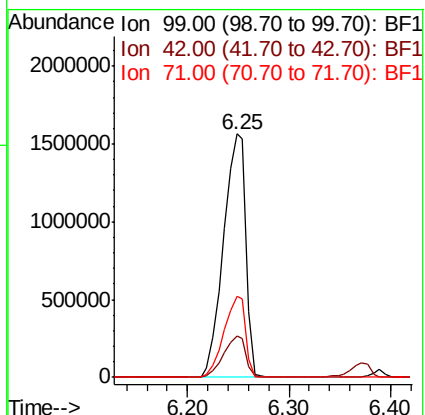
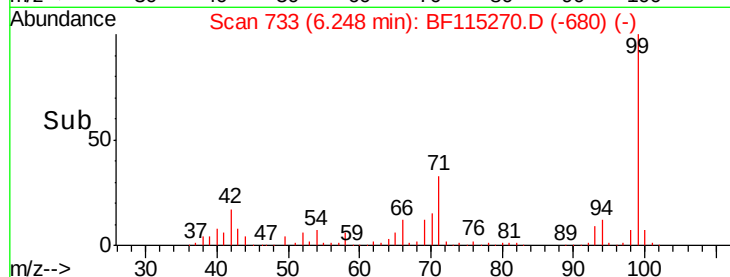
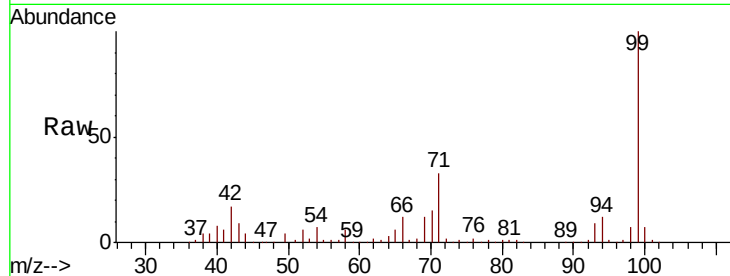
71 33.1 25.5 38.3

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#8

2-Chlorophenol

Concen: 42.017 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

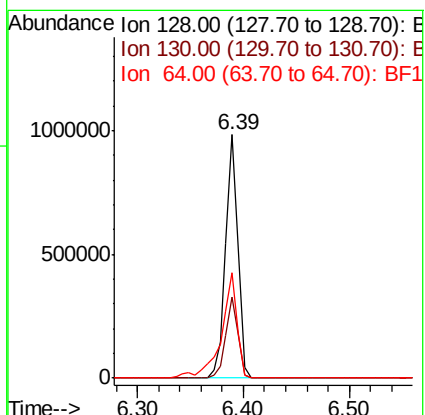
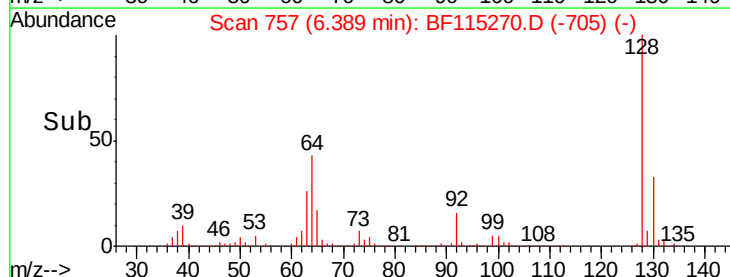
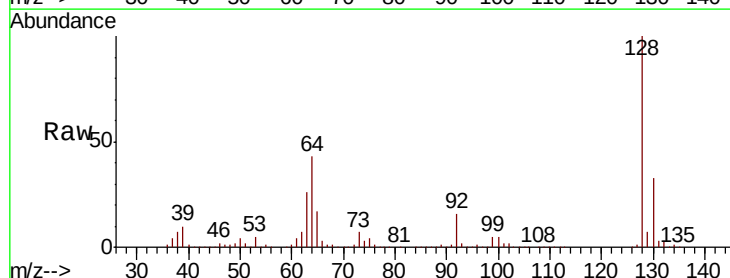
Tgt Ion: 128 Resp: 803786

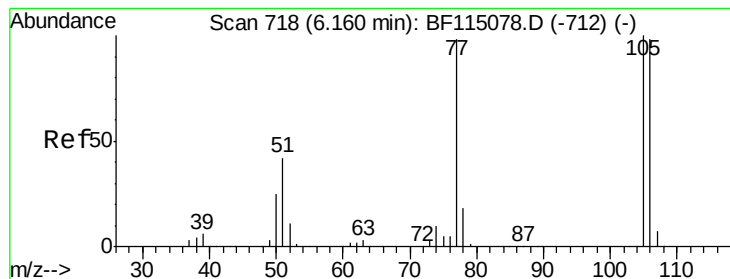
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 43.1 22.9 62.9





#9

Benzaldehyde

Concen: 11.857 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

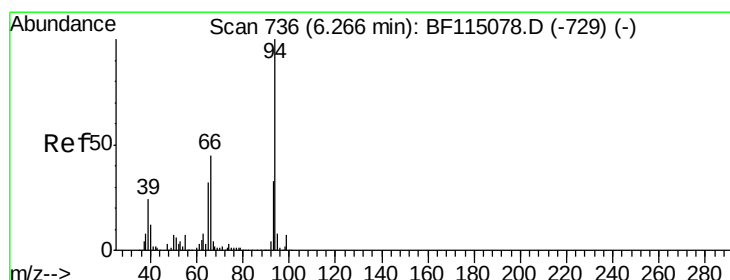
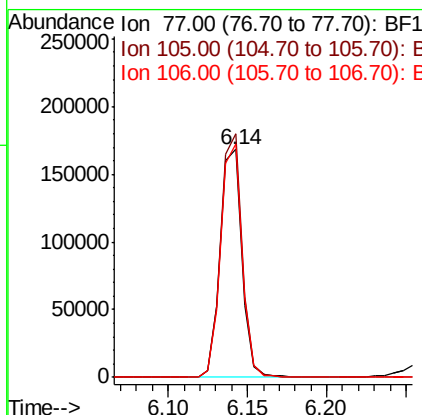
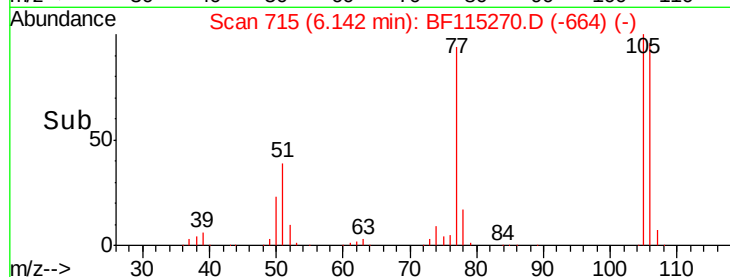
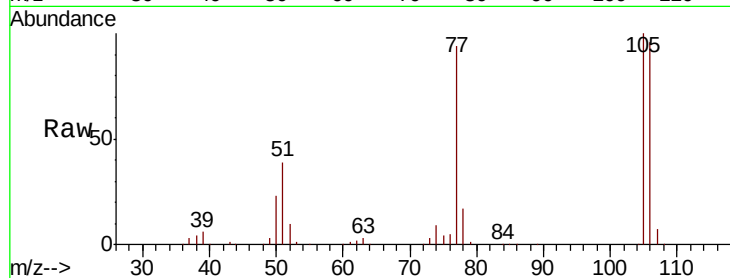
ClientSampleId :

PB120885BS

Tot Ion:	77	Resp:	159735
Ion Ratio	Lower	Upper	
77	100		
105	106.9	81.5	121.5
106	102.6	79.7	119.7

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#10

Phenol

Concen: 37.596 ng

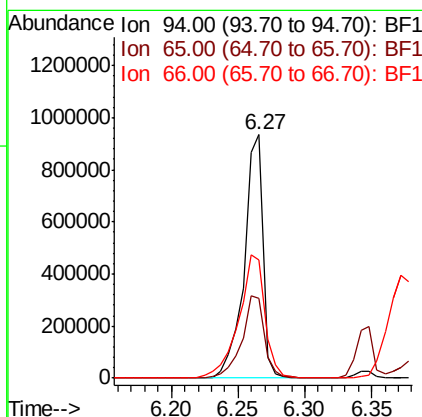
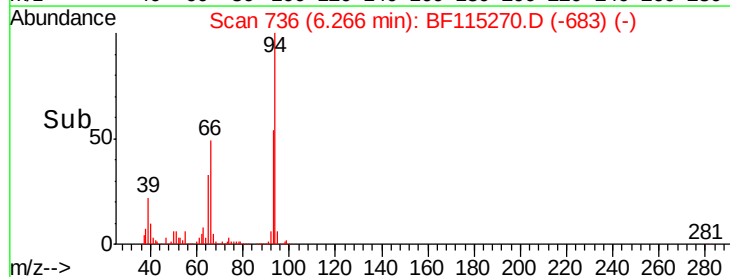
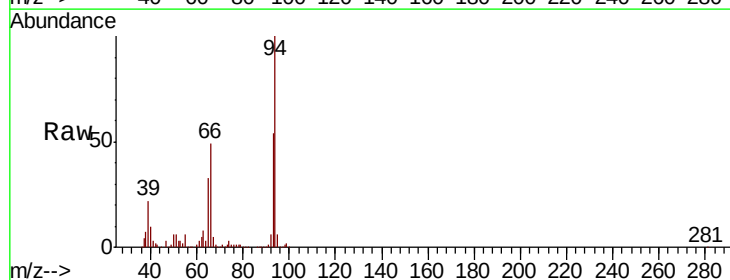
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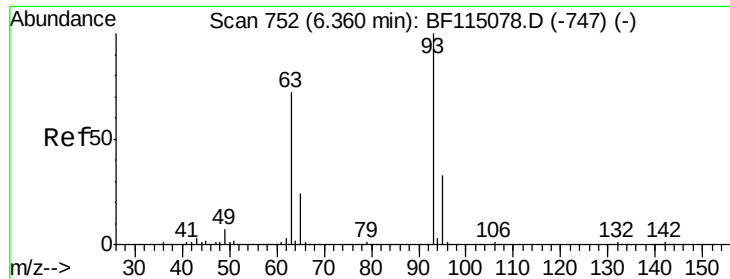
Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Tgt Ion:	94	Resp:	909380
Ion Ratio	Lower	Upper	
94	100		
65	33.0	11.9	51.9
66	48.5	25.2	65.2





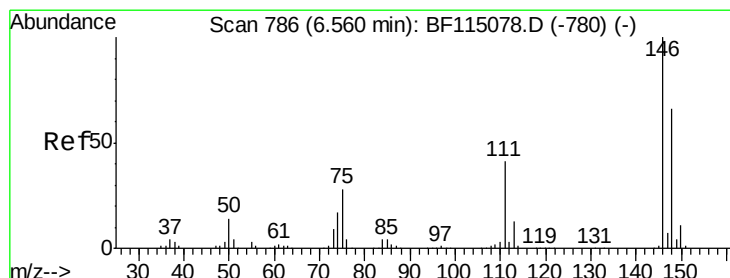
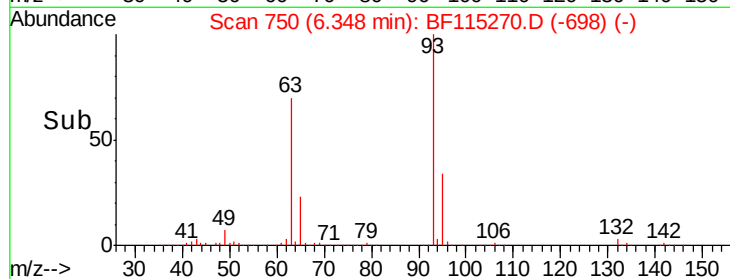
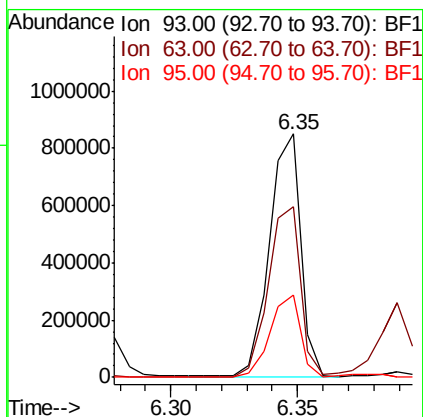
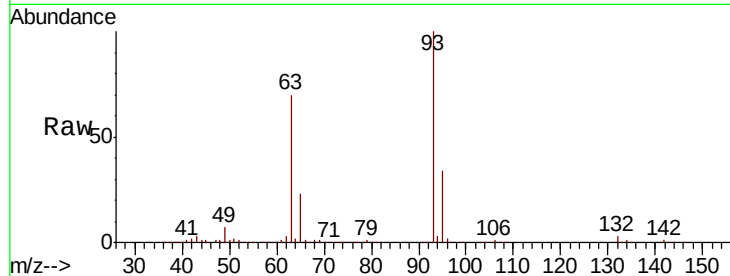
#11
bis(2-Chloroethyl)ether
Concen: 41.249 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion:	93	Resp:	735467
Ion Ratio	Lower	Upper	
93	100		
63	69.9	51.5	91.5
95	33.7	13.4	53.4

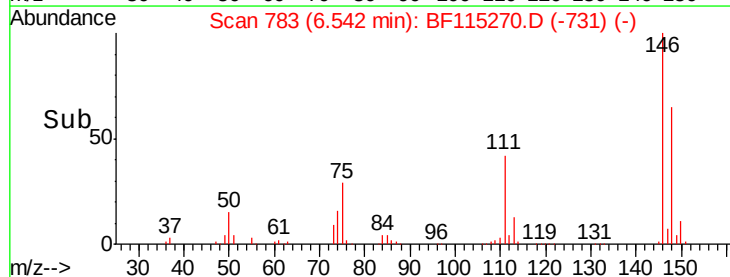
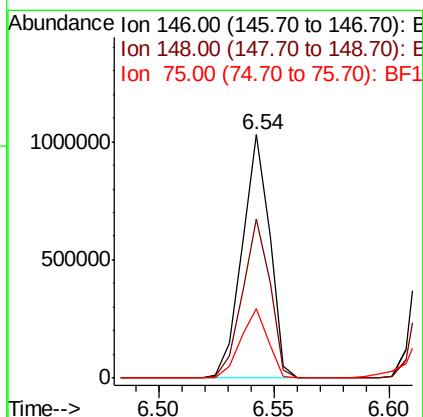
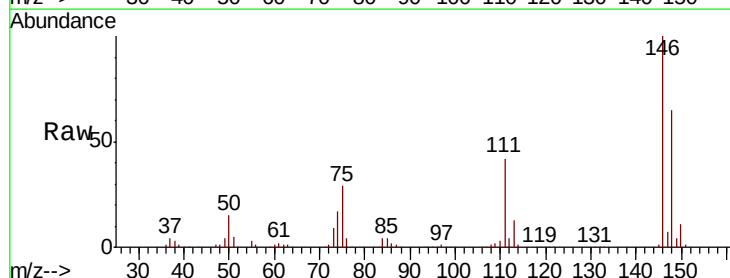
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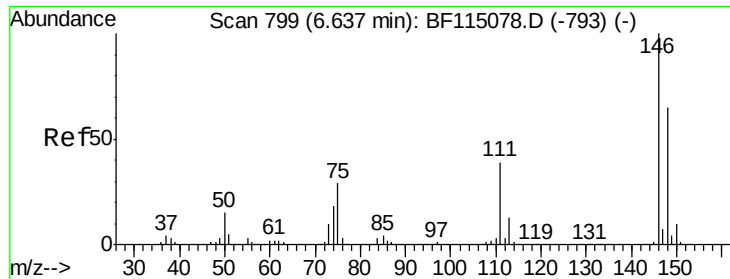
mohammad
7/1/2019 3:05:34 PM



#12
1,3-Dichlorobenzene
Concen: 40.518 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion:	146	Resp:	860236
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.6	78.8
75	28.8	22.6	34.0





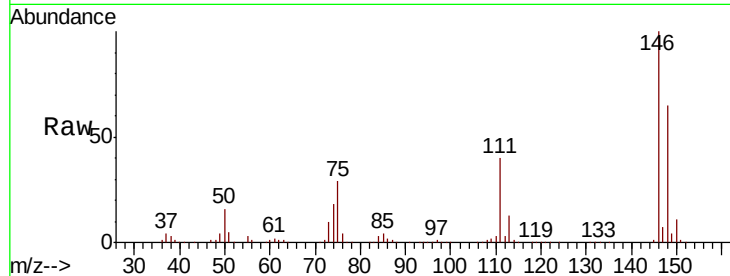
#13
 1,4-Dichlorobenzene
 Concen: 40.719 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampled :
 PB120885BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	866887		
148	65.3		51.9	77.9
111	40.4		31.4	47.0

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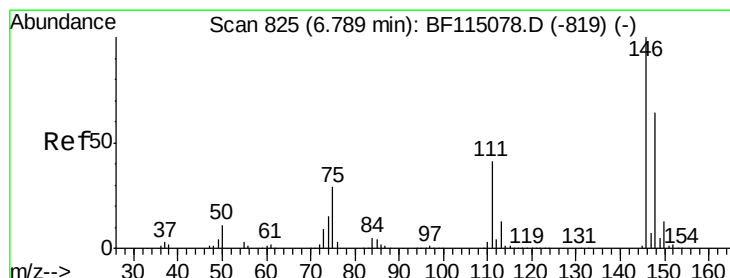
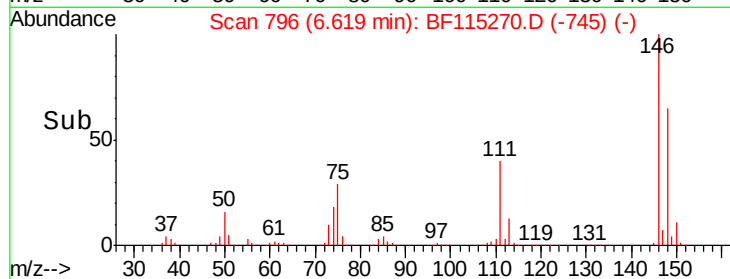
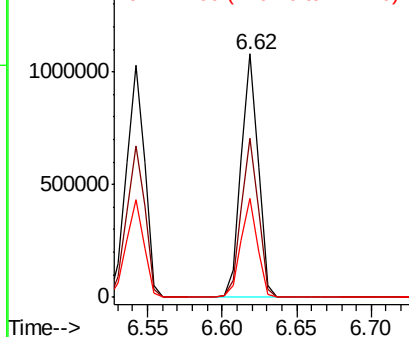


Abundance

Ion 146.00 (145.70 to 146.70): E

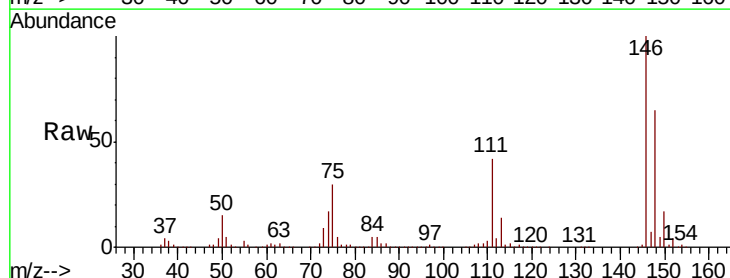
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.867 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	805710		
148	64.9		51.1	76.7
111	42.2		33.2	49.8

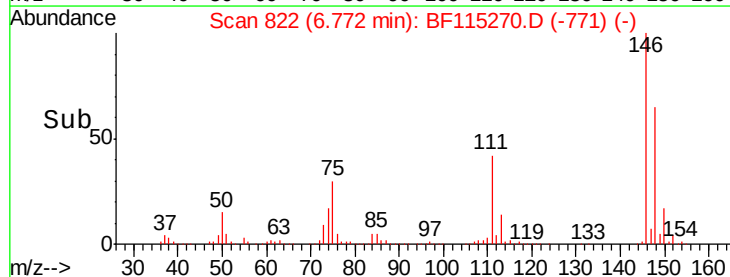
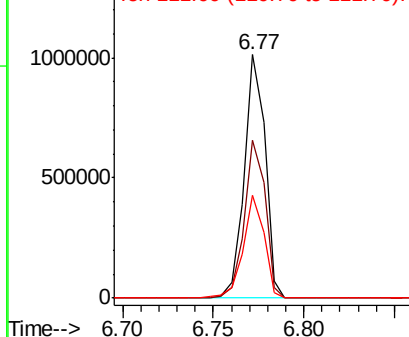


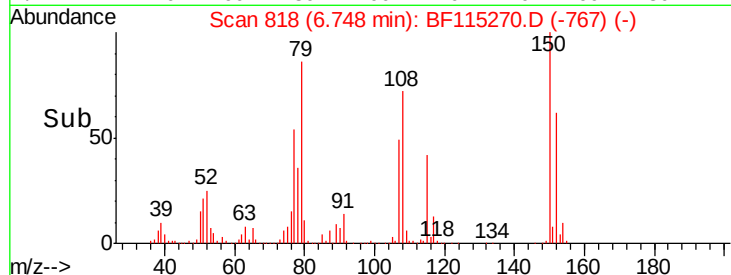
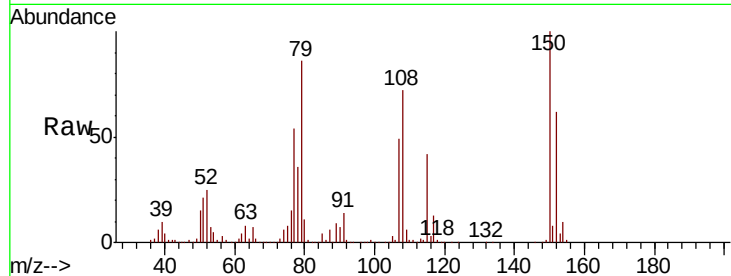
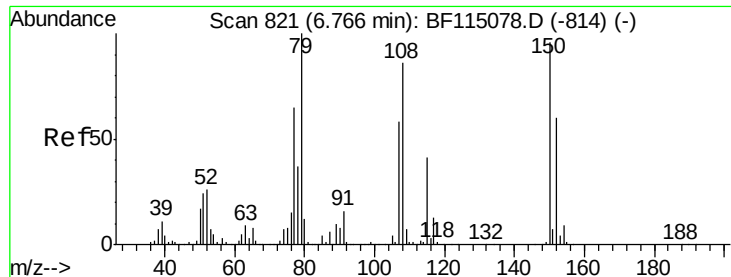
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





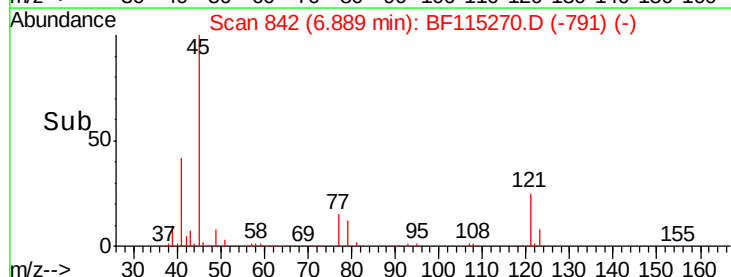
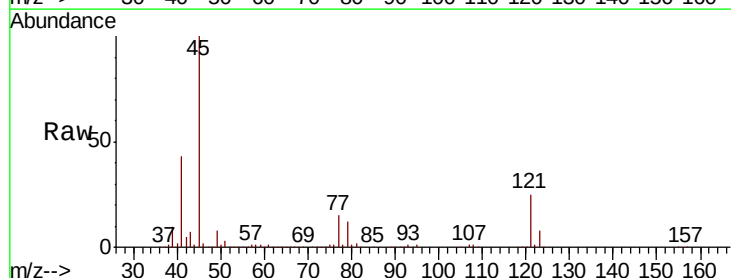
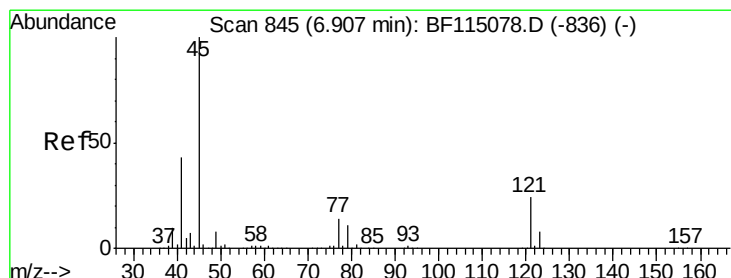
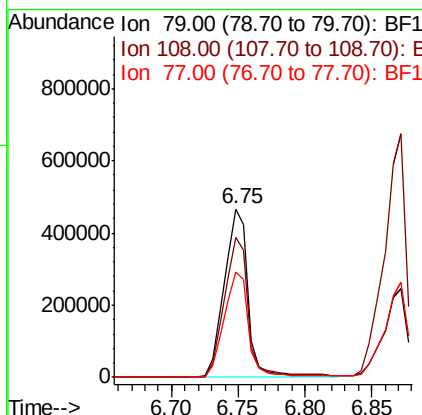
#15
Benzyl Alcohol
Concen: 39.737 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tot Ion: 79 Resp: 597493
Ion Ratio Lower Upper
79 100
108 83.5 68.7 103.1
77 62.6 51.7 77.5

Instrument :
BNA_F
ClientSampleId :
PB120885BS

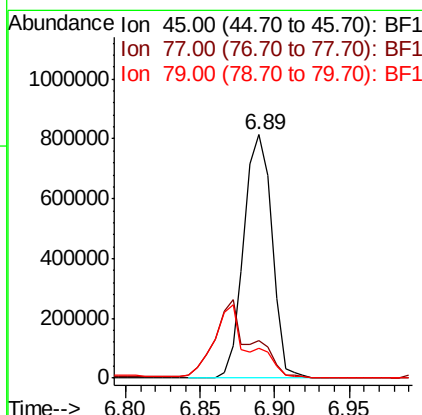
Manual Integrations
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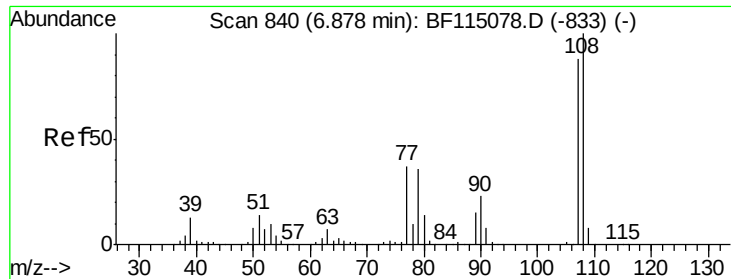
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.244 ng
RT: 6.89 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion: 45 Resp: 1066585
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.6
79 12.3 0.0 31.2





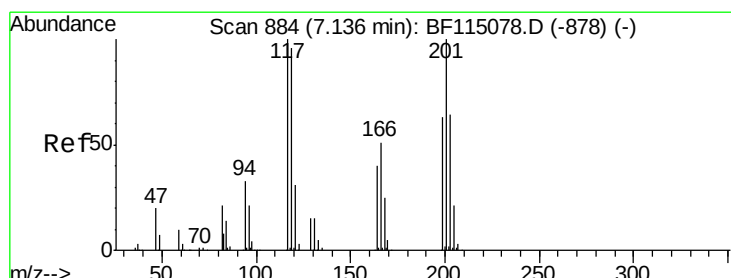
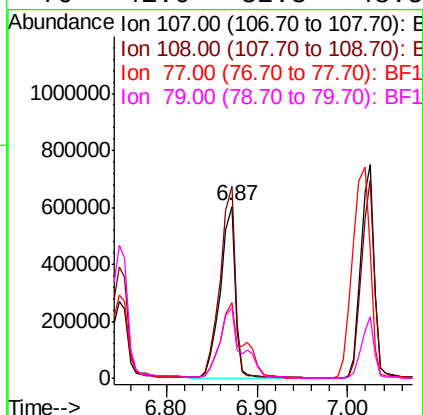
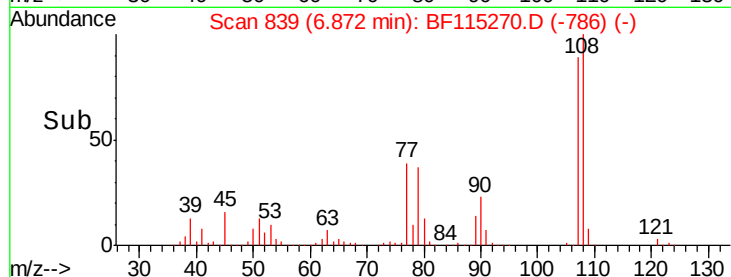
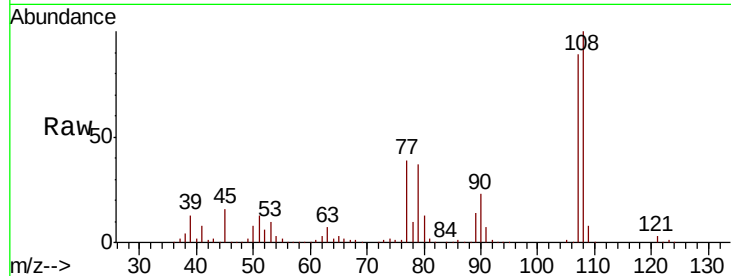
#17
2-Methylphenol
Concen: 43.593 ng
RT: 6.87 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	107	Resp	688348
Ion Ratio	Lower	Upper	
107	100		
108	112.0	90.9	136.3
77	43.8	33.4	50.2
79	41.0	32.3	48.5

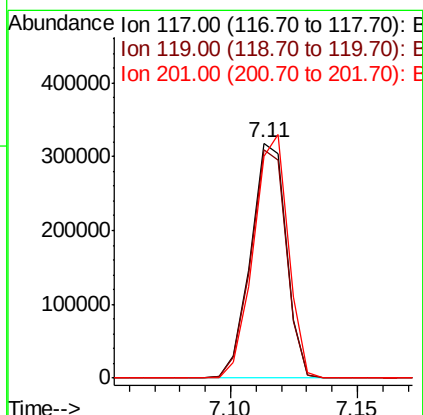
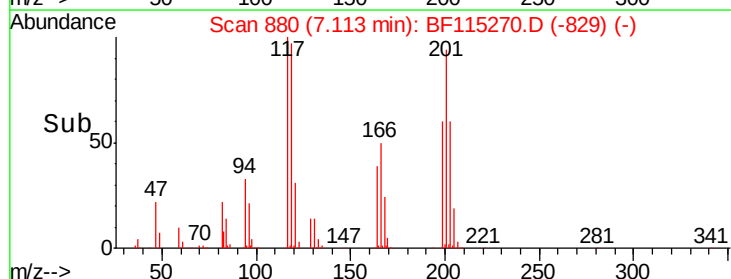
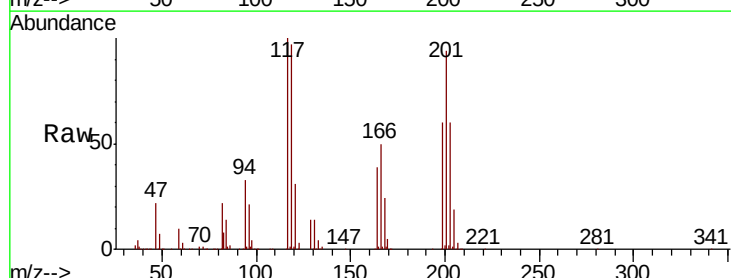
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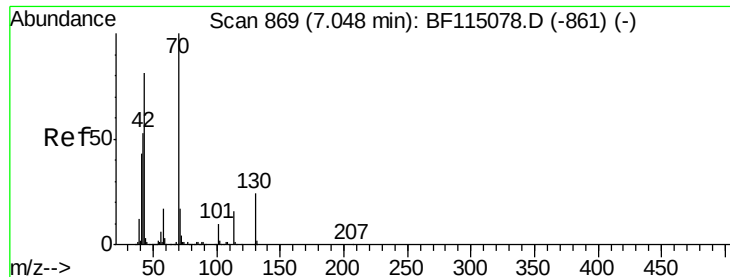
mohammad
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#18
Hexachloroethane
Concen: 40.694 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	117	Resp	312339
Ion Ratio	Lower	Upper	
117	100		
119	97.3	76.6	114.8
201	94.5	80.2	120.2





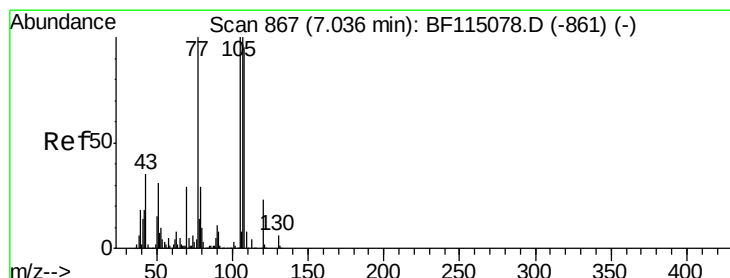
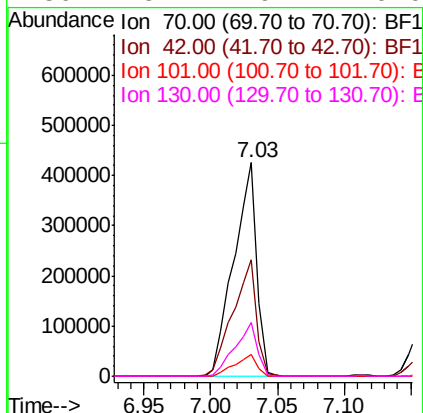
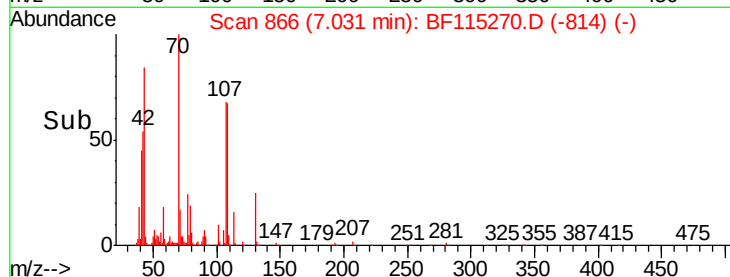
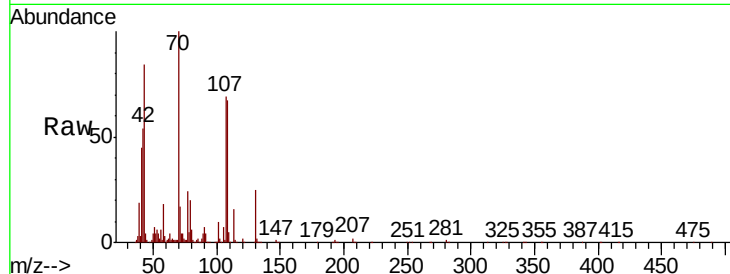
#19
n-Nitroso-di-n-propylamine
Concen: 38.948 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	42.6	63.8	
101	10.2	8.0	12.0	
130	25.1	19.4	29.0	

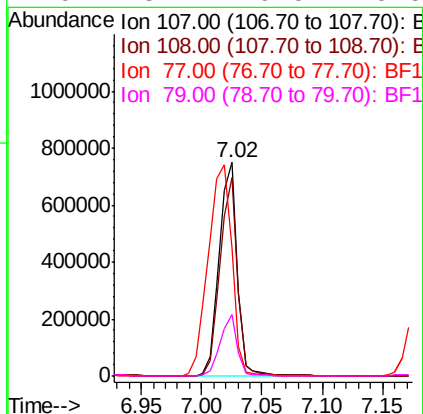
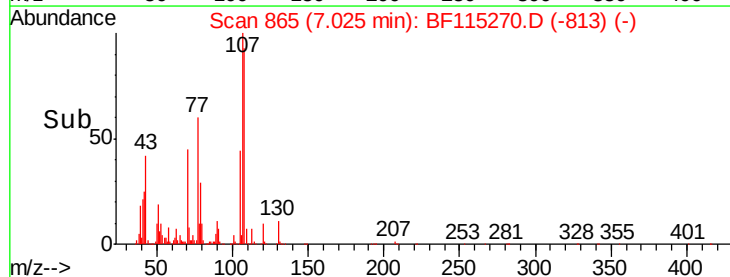
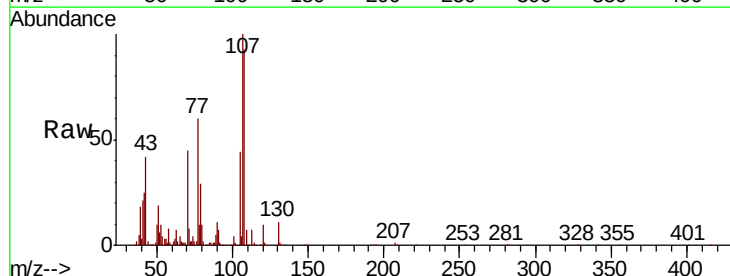
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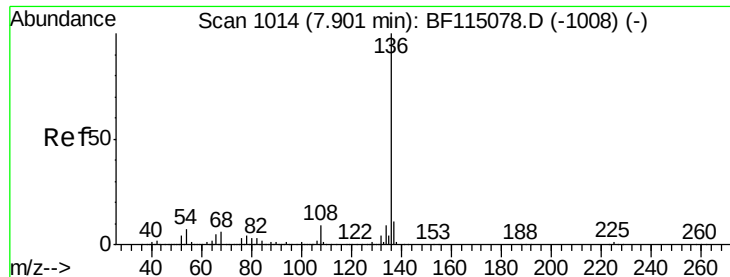
mohammad
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#20
3+4-Methylphenols
Concen: 41.799 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	75.5	115.5	
77	59.9	80.2	120.2	
79	28.7	9.5	49.5	





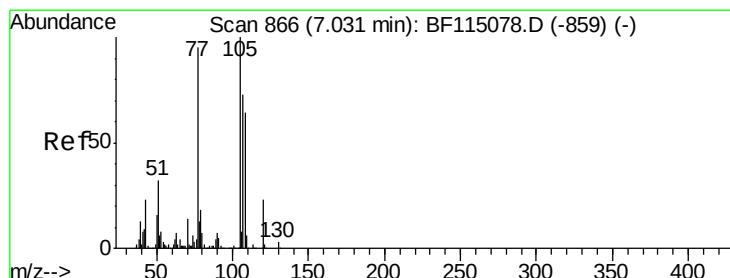
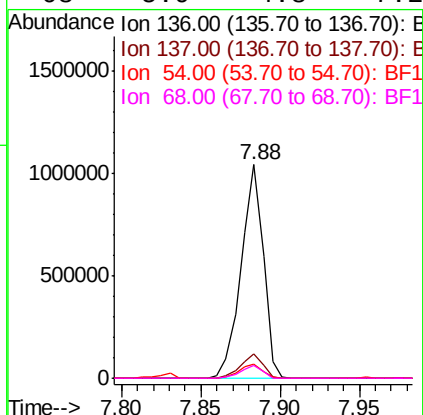
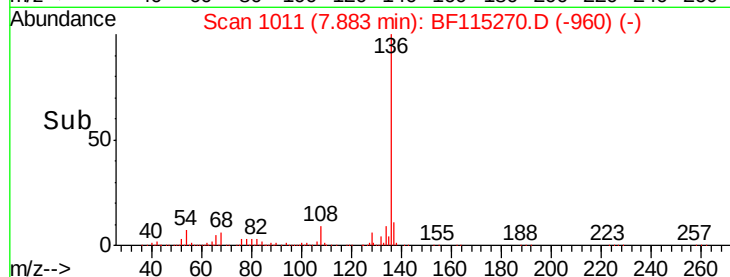
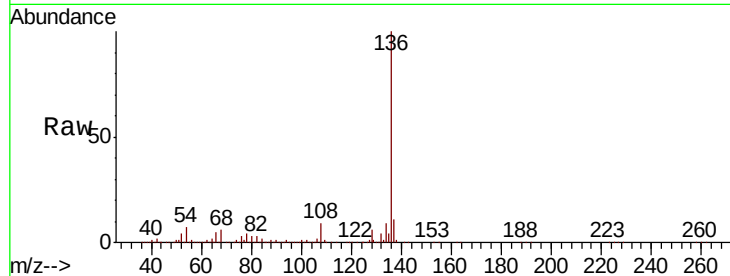
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	136	Resp	1010404
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.7	5.6	8.4
68	5.9	4.8	7.2

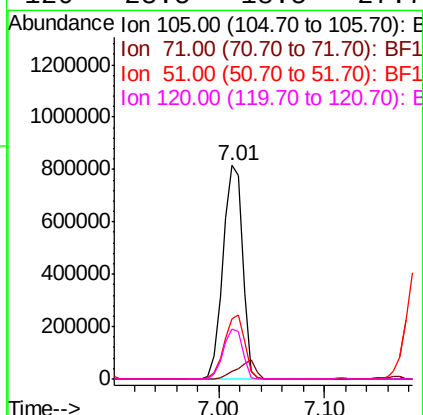
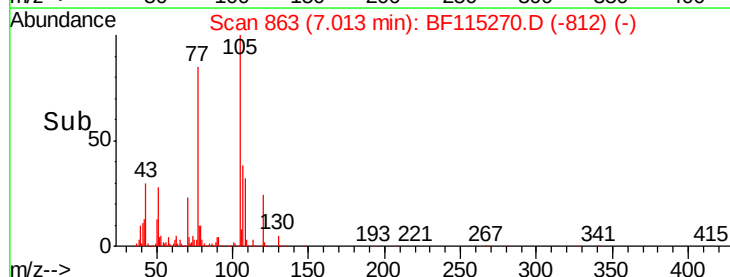
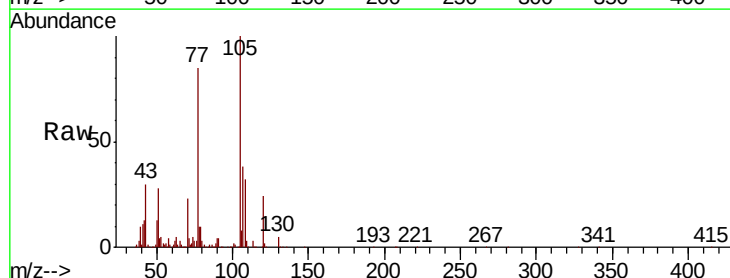
Manual Integrations
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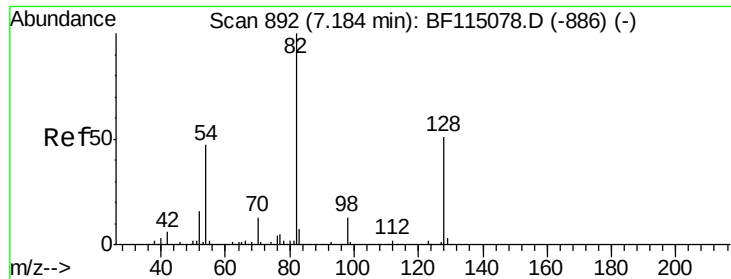
mohammad
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#22
Acetophenone
Concen: 45.584 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	105	Resp	1054428
Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.9	2.9#
51	27.9	25.8	38.8
120	23.5	18.5	27.7





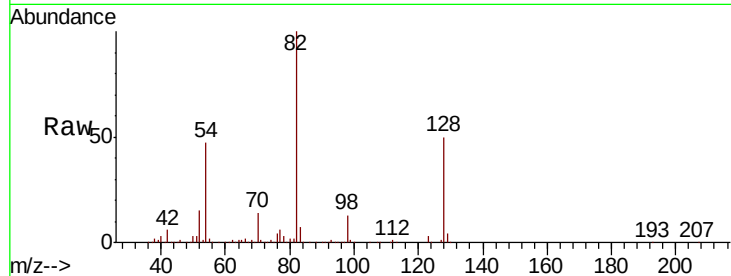
#23
 Nitrobenzene-d5
 Concen: 93.278 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120885BS

Tot Ion	82	Resp	1532116
Ion Ratio	100	Lower	Upper
128	50.4	40.4	60.6
54	47.0	37.5	56.3

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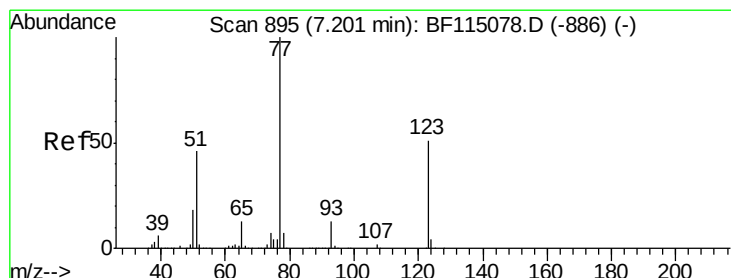
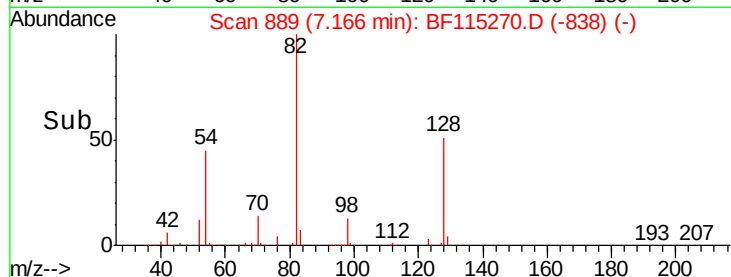
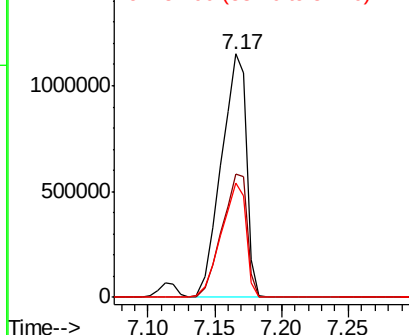


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 44.699 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

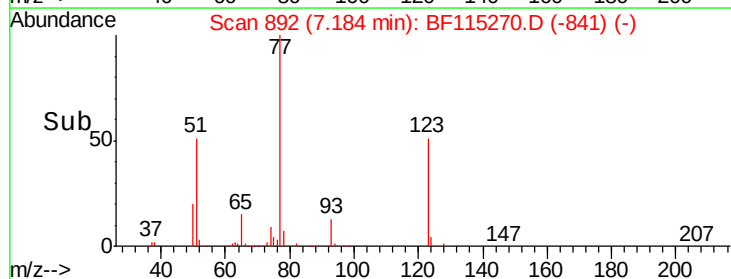
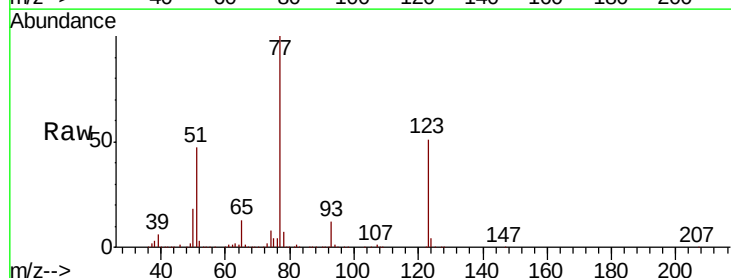
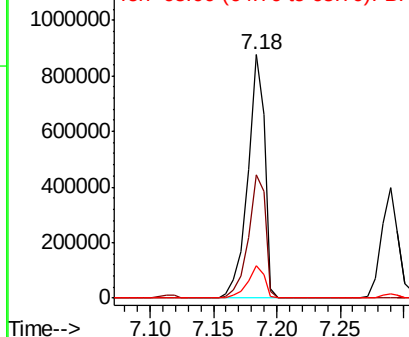
Tgt Ion	77	Resp	808841
Ion Ratio	100	Lower	Upper
123	50.5	41.0	61.6
65	13.2	10.5	15.7

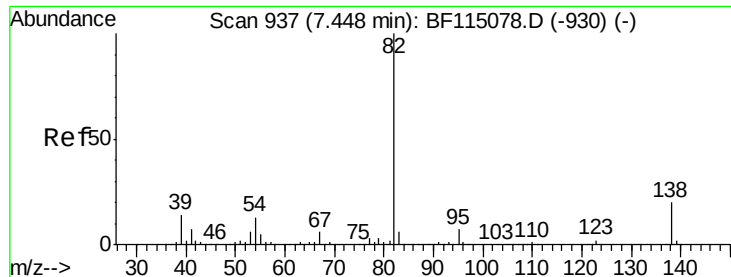
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





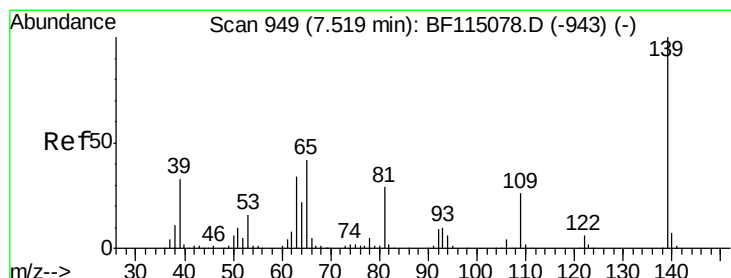
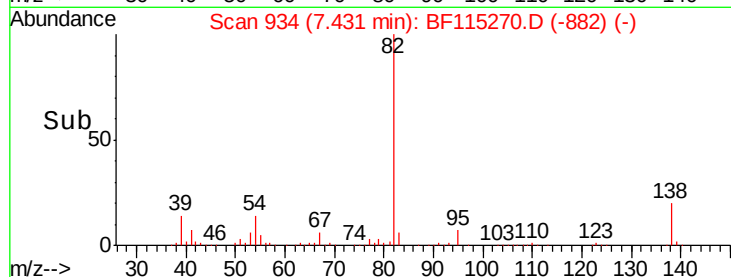
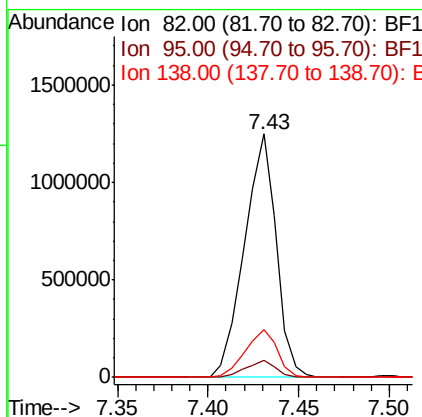
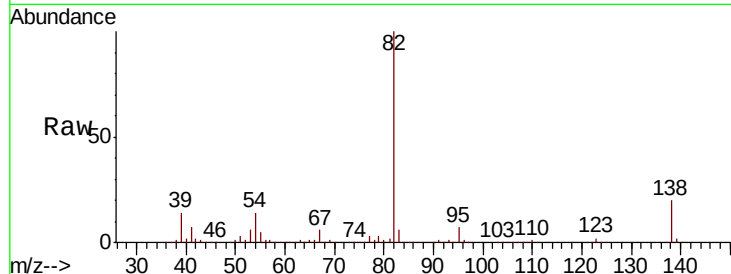
#25
Isophorone
Concen: 45.150 ng
RT: 7.43 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	19.9	15.9	23.9

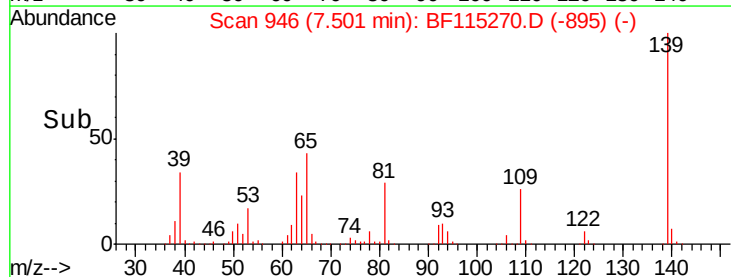
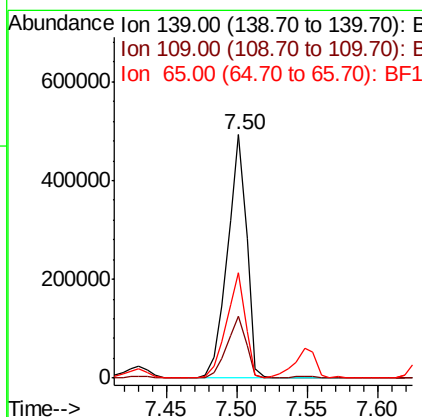
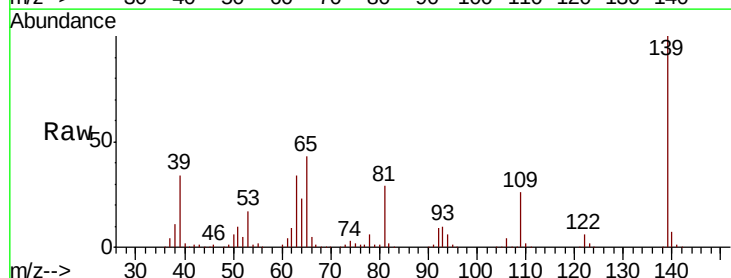
Manual Integrations
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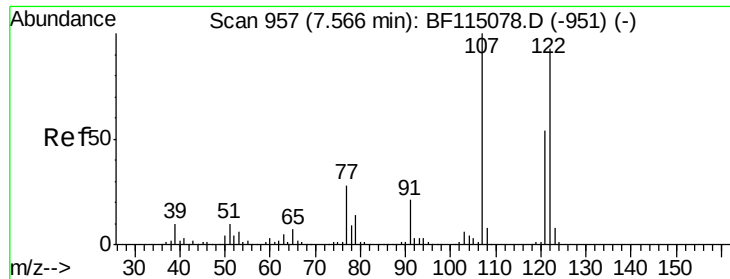
mohammad
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#26
2-Nitrophenol
Concen: 51.995 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.6	20.4	30.6
65	43.3	33.6	50.4





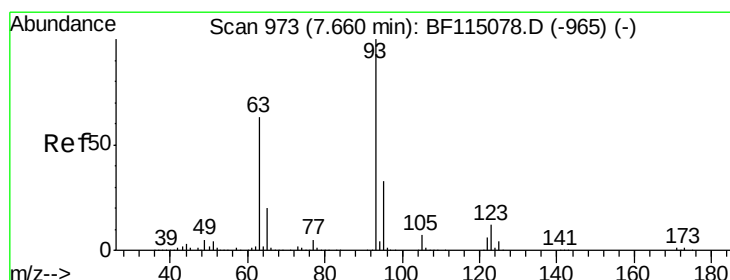
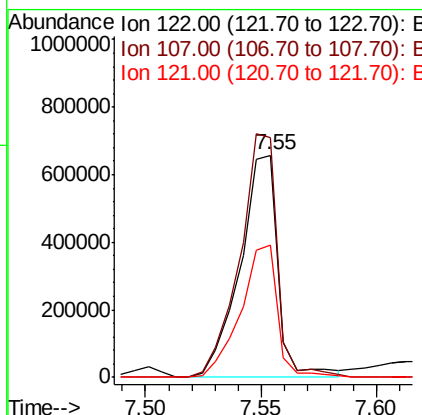
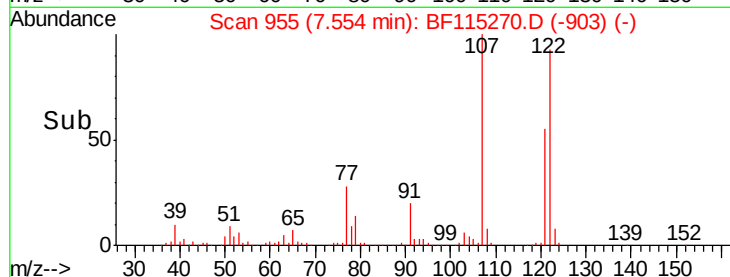
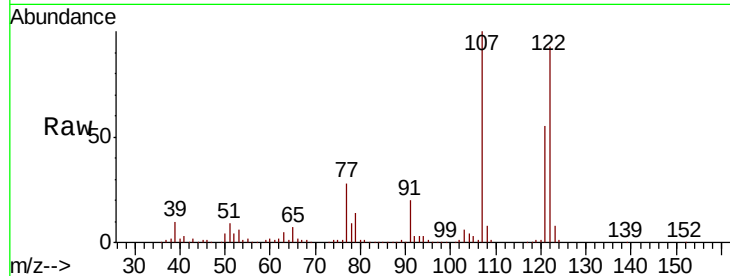
#27
 2,4-Dimethylphenol
 Concen: 51.724 ng
 RT: 7.55 min Scan# 955
 Delta R.T. 0.01 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120885BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	756791		
107	108.1	85.8	128.6	
121	59.4	46.3	69.5	

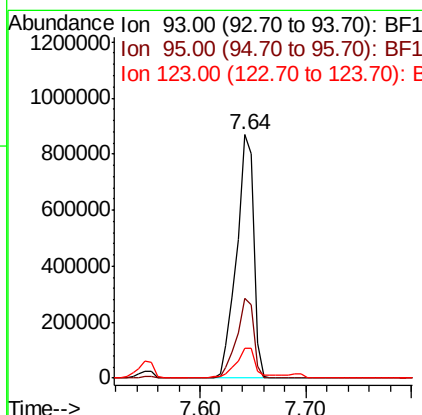
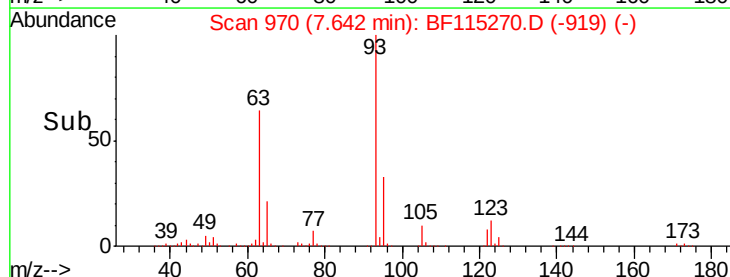
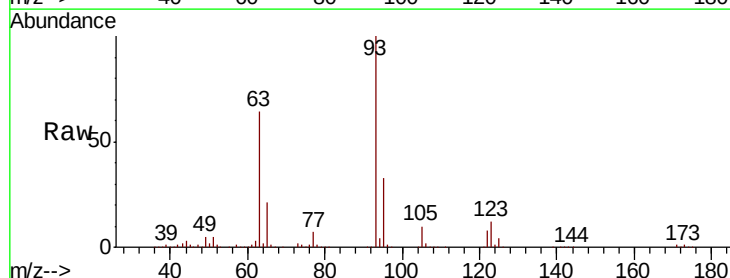
Manual Integrations
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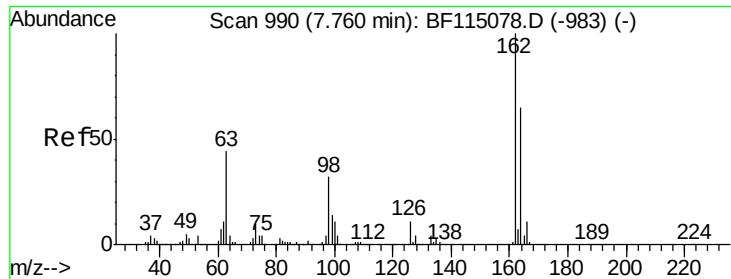
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.424 ng
 RT: 7.64 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	966030		
95	32.8	26.2	39.4	
123	12.5	9.7	14.5	





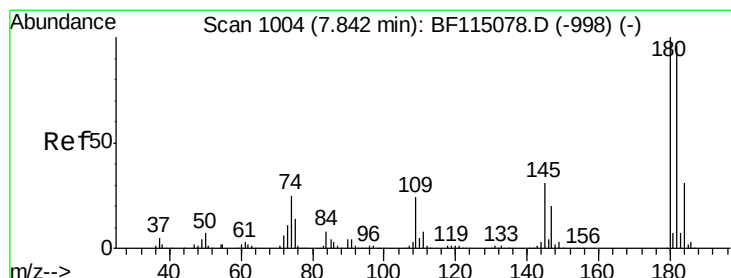
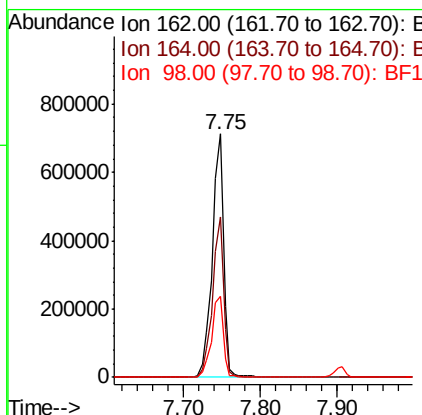
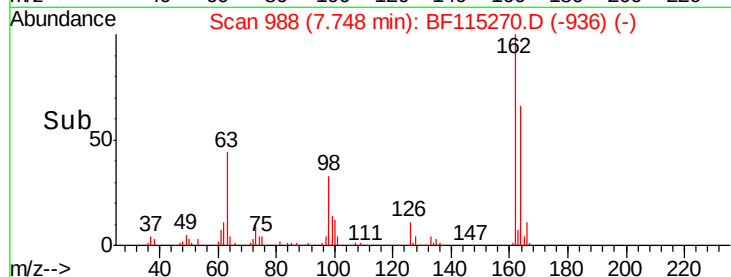
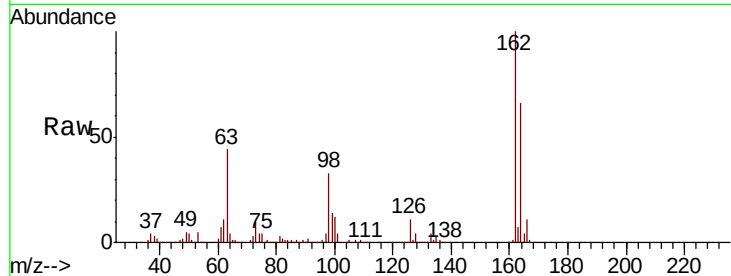
#29
2,4-Dichlorophenol
Concen: 47.388 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.9	45.3	85.3
98	33.0	12.5	52.5

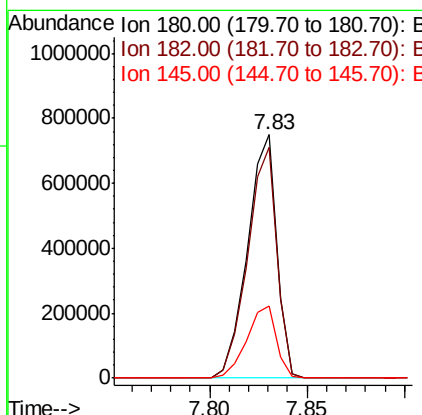
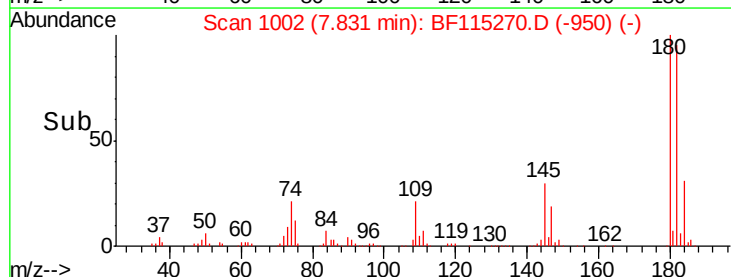
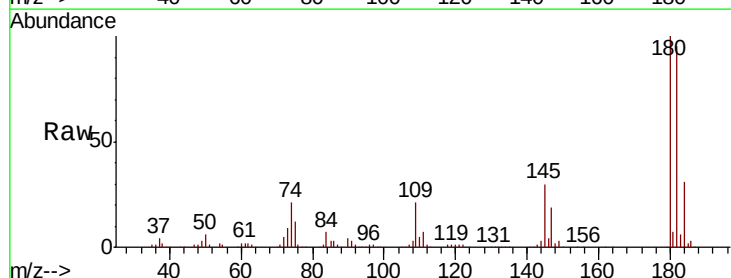
Manual Integrations
APPROVED

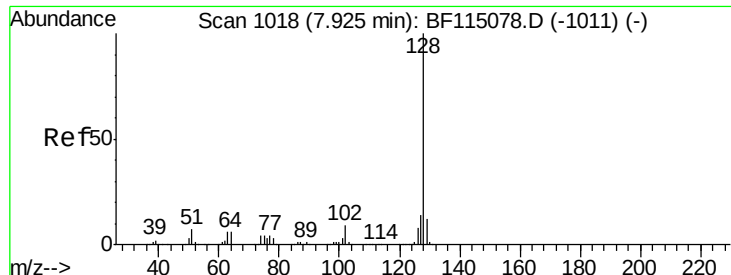
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.534 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	76.4	114.6
145	29.8	24.8	37.2





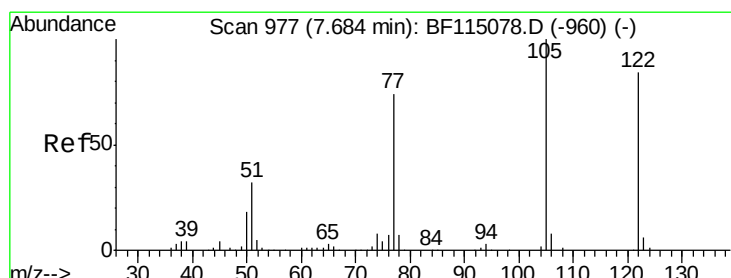
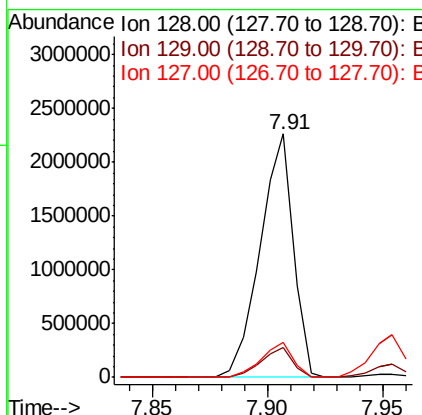
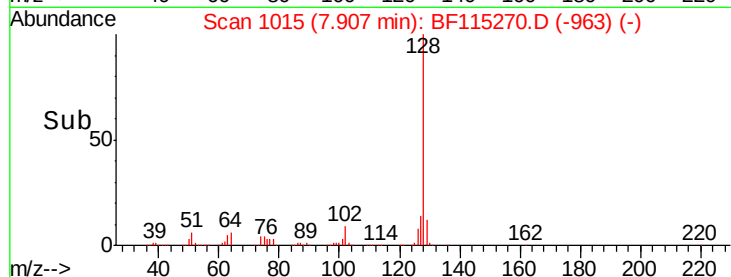
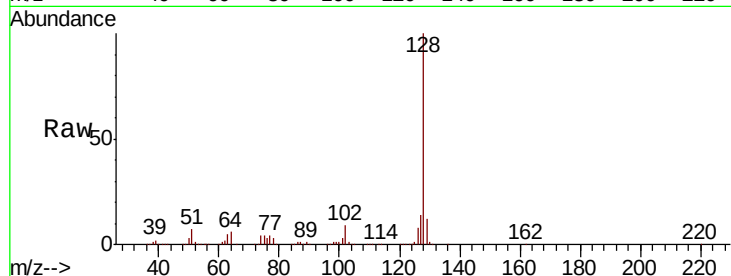
#31
Naphthalene
Concen: 45.560 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

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

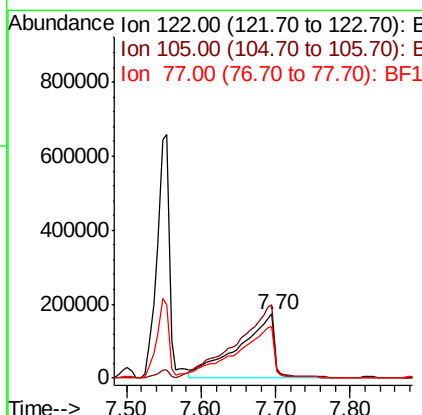
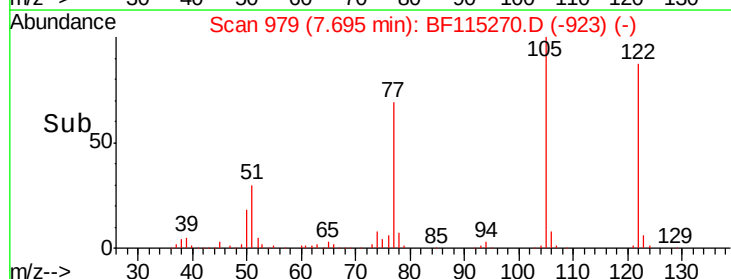
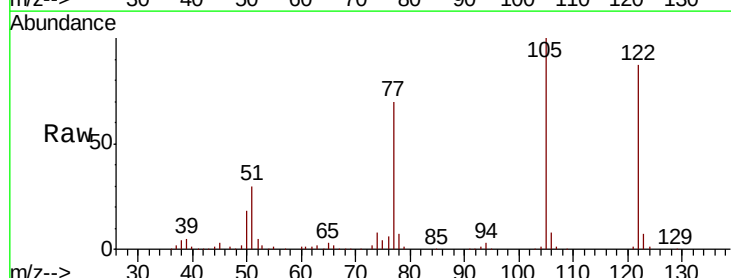
Manual Integrations
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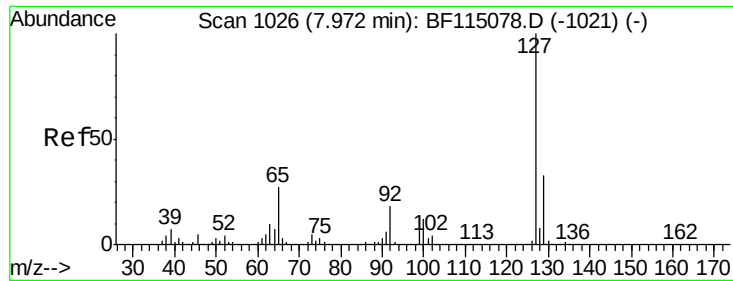
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#32
Benzoic acid
Concen: 55.136 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.03 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.1	98.2	138.2
77	80.9	67.0	107.0





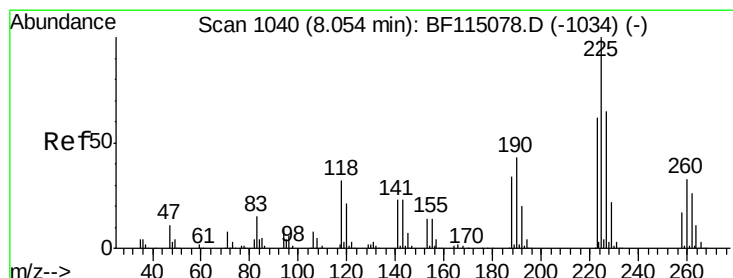
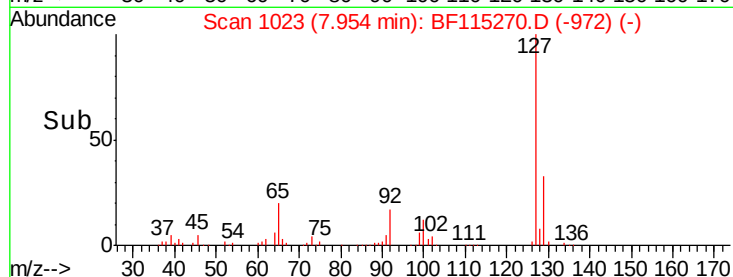
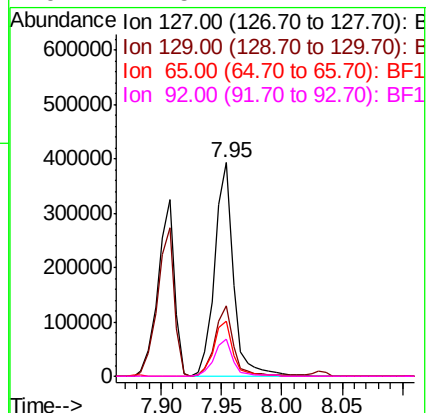
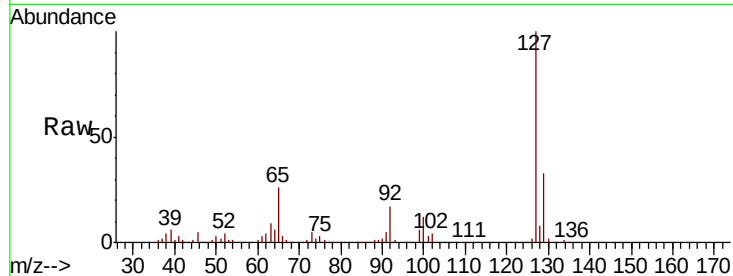
#33
4-Chloroaniline
Concen: 18.432 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
417812	127	100			
	129	32.7	26.1	39.1	
	65	26.1	21.4	32.2	
	92	17.5	14.1	21.1	

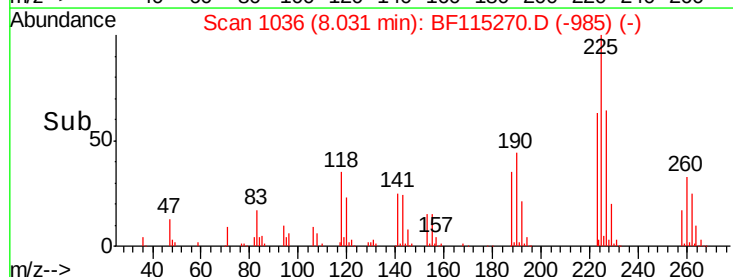
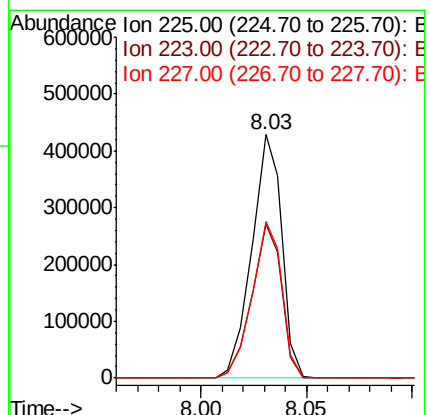
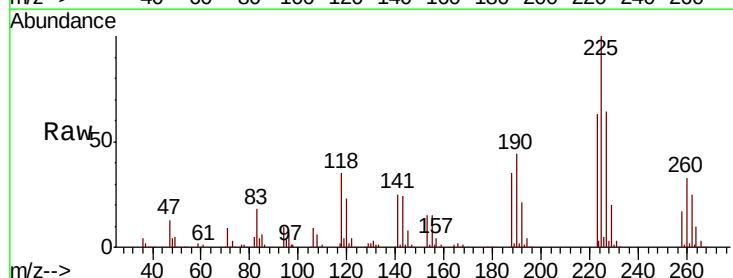
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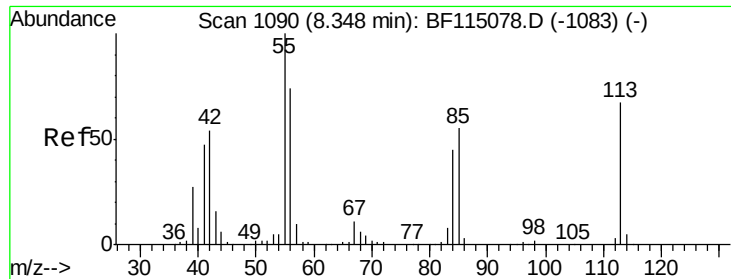
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#34
Hexachlorobutadiene
Concen: 46.250 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
422717	225	100			
	223	63.0	49.4	74.2	
	227	64.1	51.8	77.8	





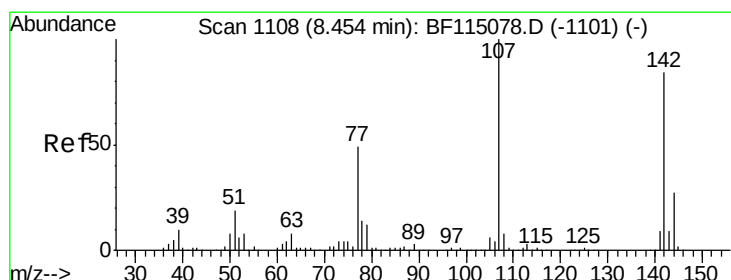
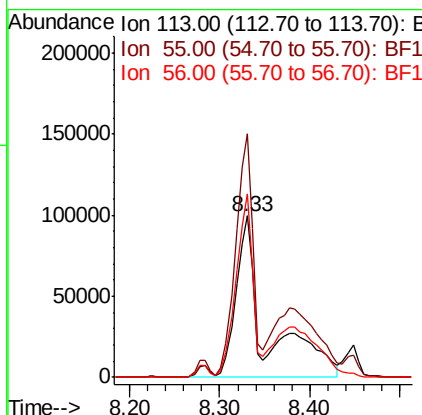
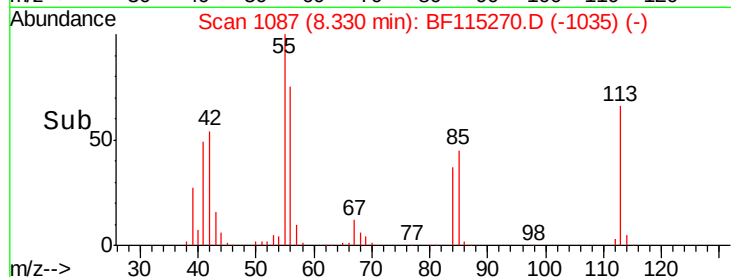
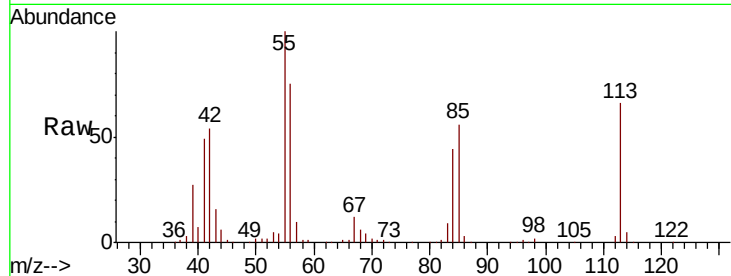
#35
Caprolactam
Concen: 46.360 ng/ml
RT: 8.33 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	150.7	130.2	170.2	
56	113.2	91.6	131.6	

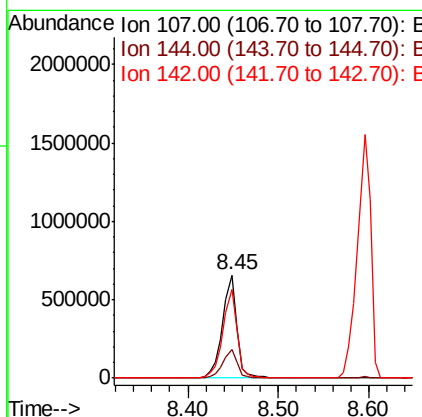
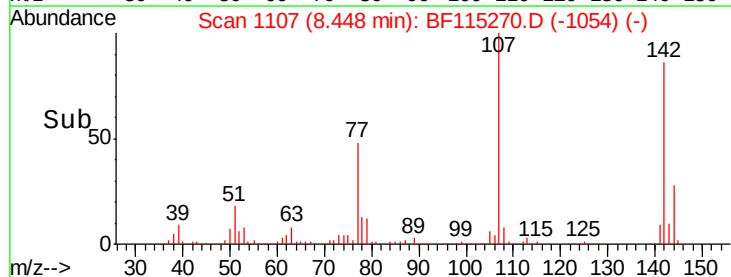
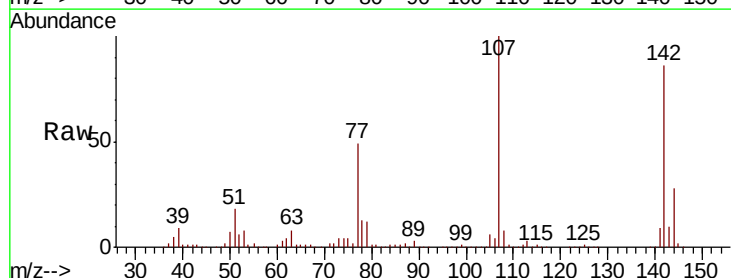
Manual Integrations
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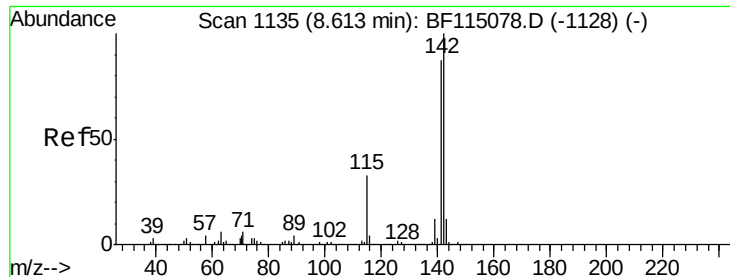
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#36
4-Chloro-3-methylphenol
Concen: 46.651 ng/ml
RT: 8.45 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.9	21.7	32.5	
142	86.1	67.0	100.4	





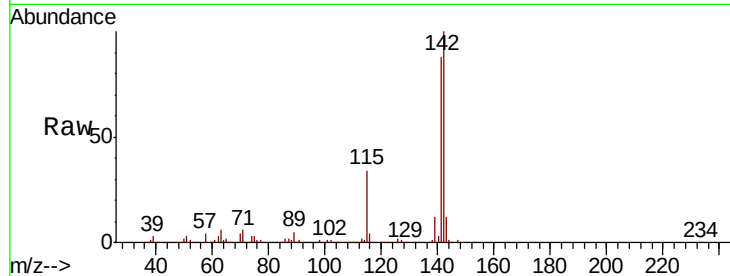
#37
2-Methylnaphthalene
Concen: 47.146 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.6
115	34.4	26.7	40.1

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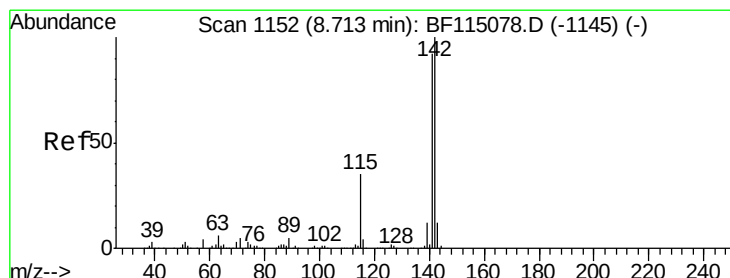
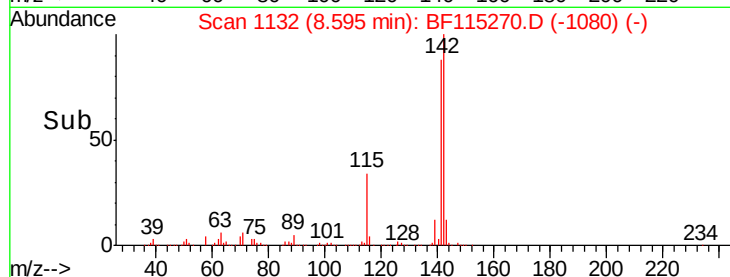
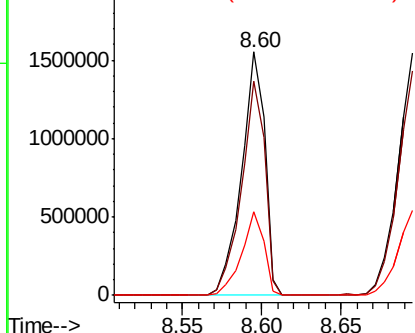


Abundance

Ion 142.00 (141.70 to 142.70): E

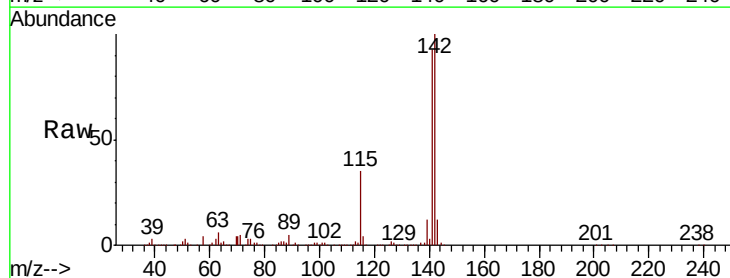
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.466 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.8	110.8
116	3.6	2.8	4.2

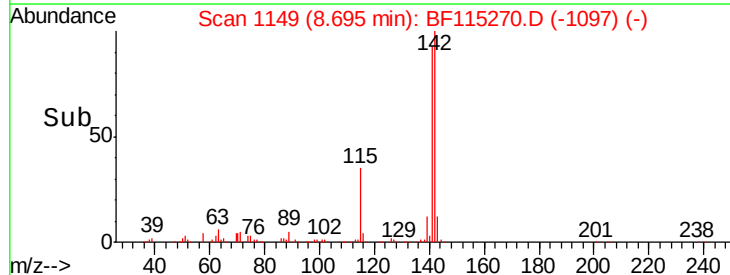
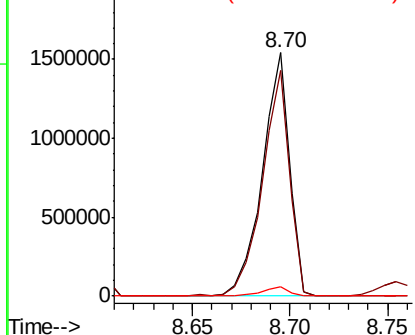


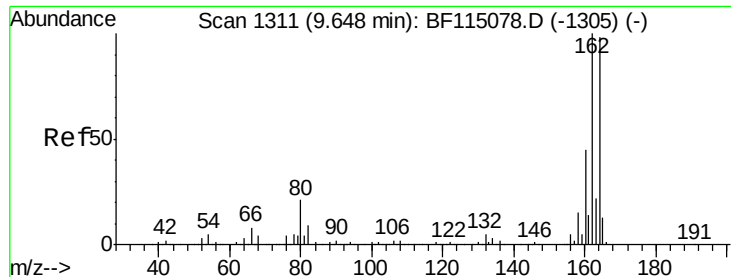
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





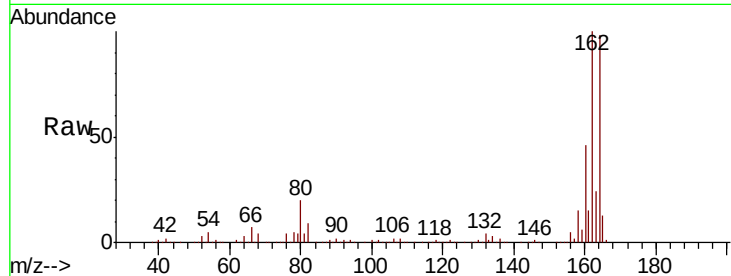
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

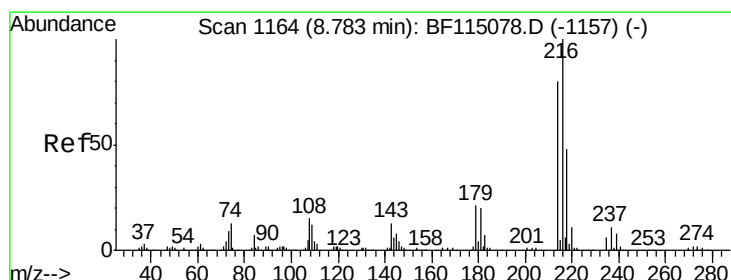
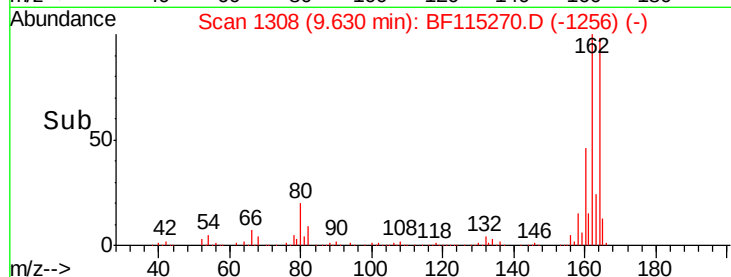
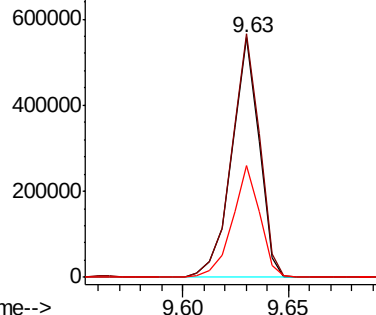
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	46.6	37.0	55.4

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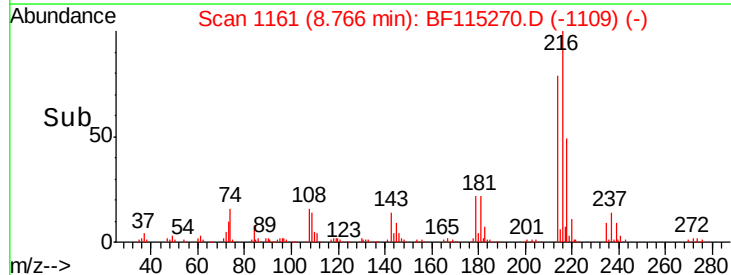
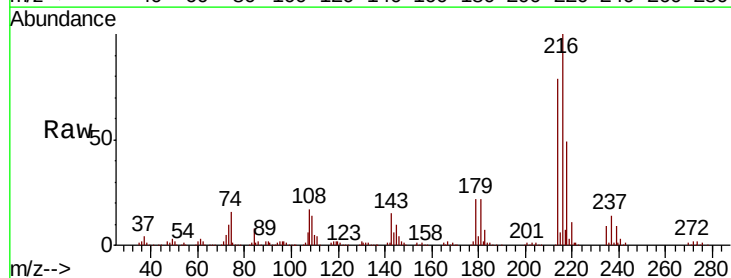
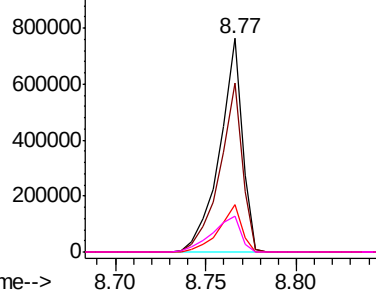
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

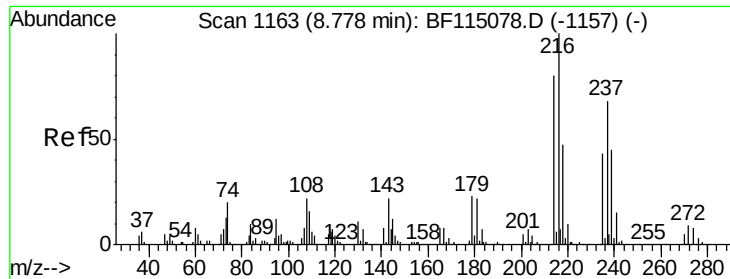


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.444 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	22.0	17.6	26.4
108	20.8	15.7	23.5

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.487 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

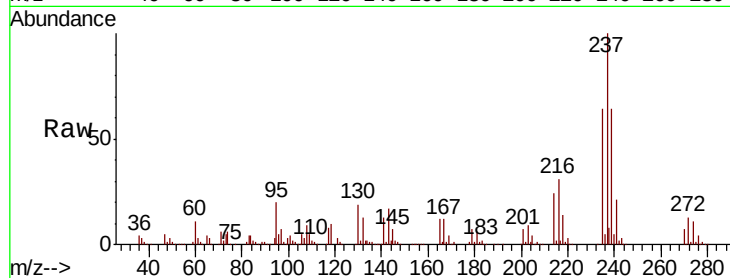
ClientSampleId :

PB120885BS

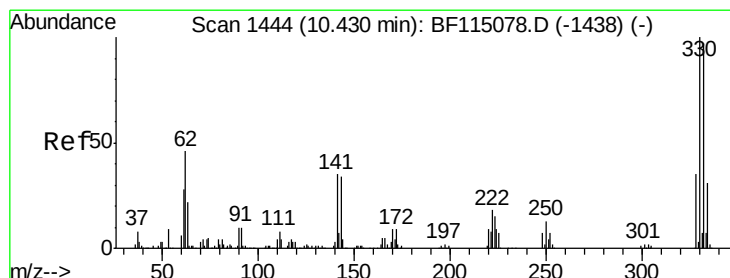
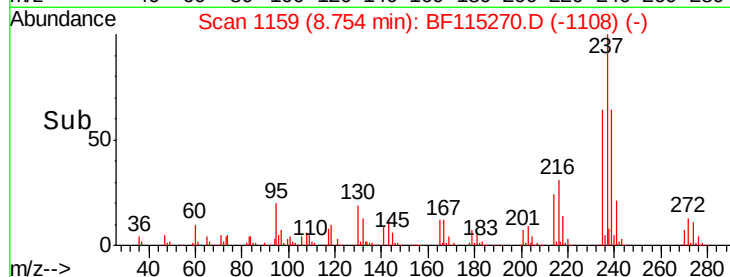
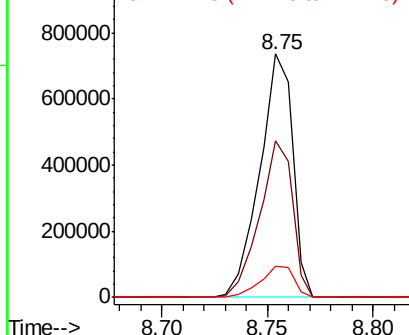
Tot Ion:	237	Resp:	800438
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.9	83.9
272	12.9	0.0	33.8

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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: 133.112 ng

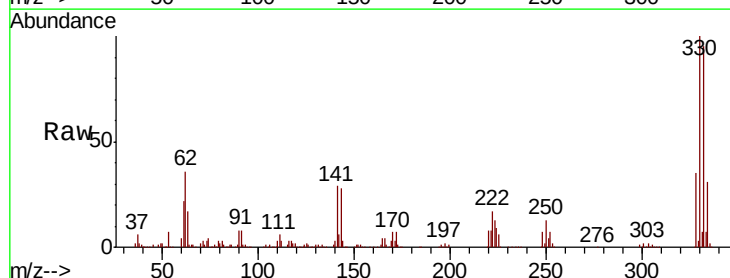
RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

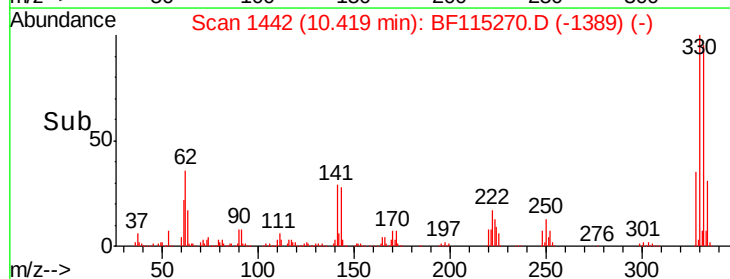
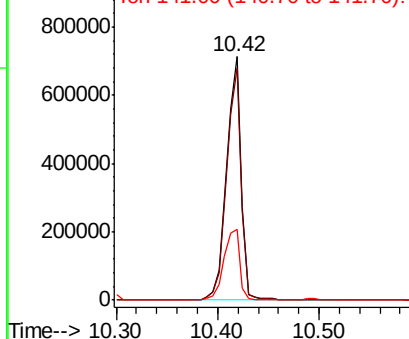
Lab File: BF115270.D

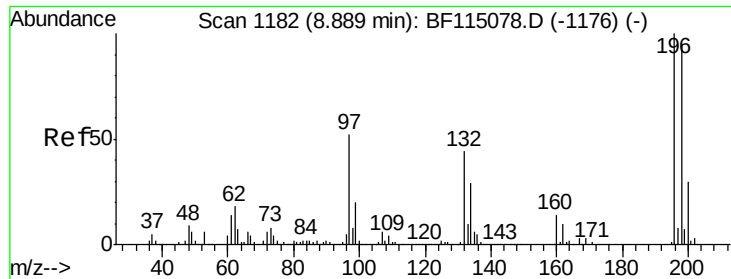
Acq: 28 Jun 2019 10:07

Tgt Ion:	330	Resp:	709677
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	31.9	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





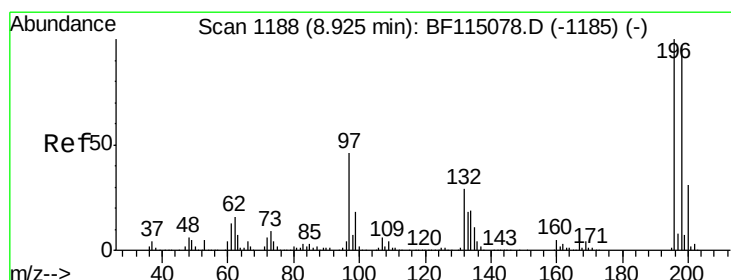
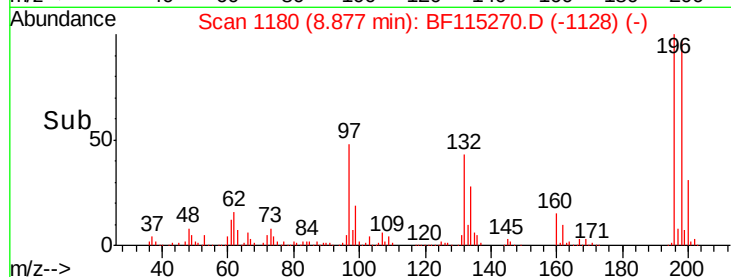
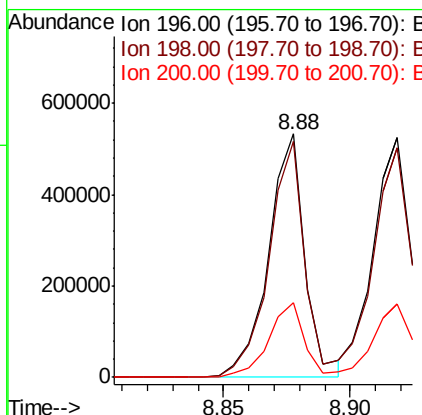
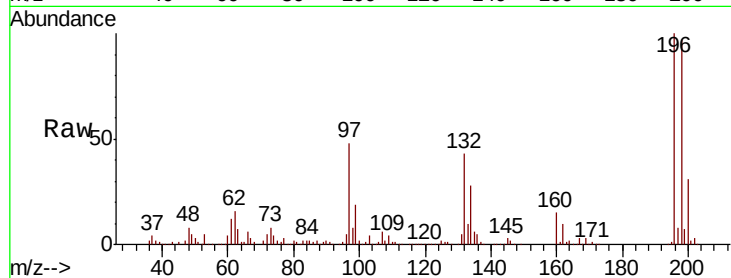
#43
 2,4,6-Trichlorophenol
 Concen: 48.618 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120885BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	536239		
198	96.7	76.3	114.5	
200	30.9	24.2	36.4	

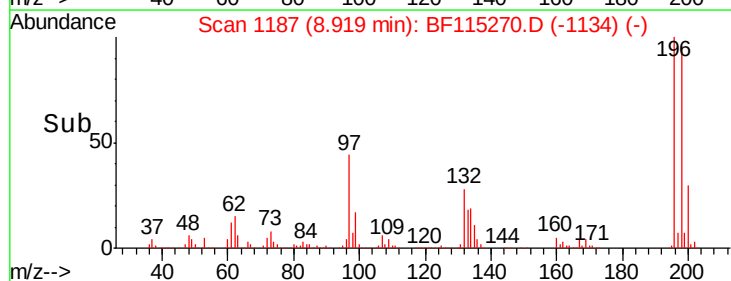
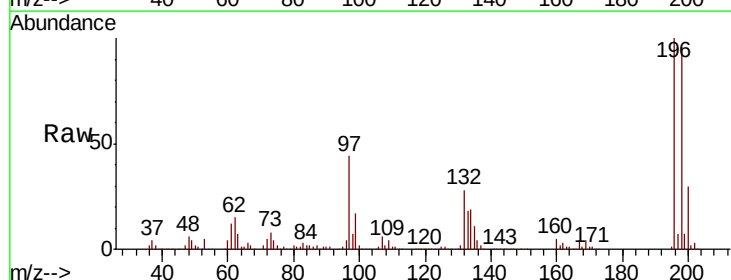
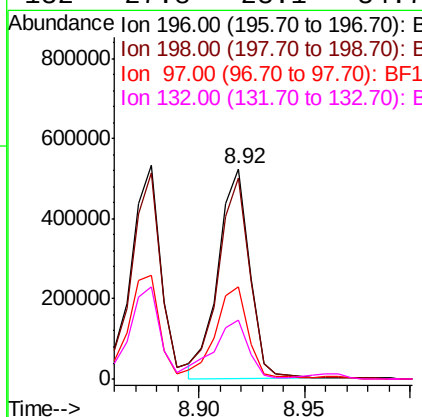
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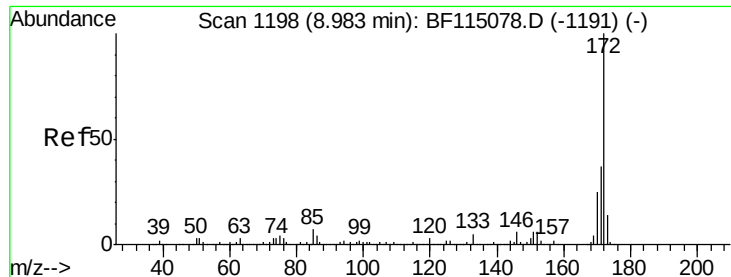
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.557 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	540173		
198	95.5	77.1	115.7	
97	43.5	37.7	56.5	
132	27.8	23.1	34.7	





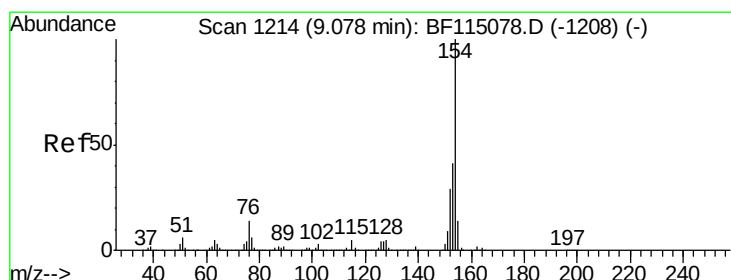
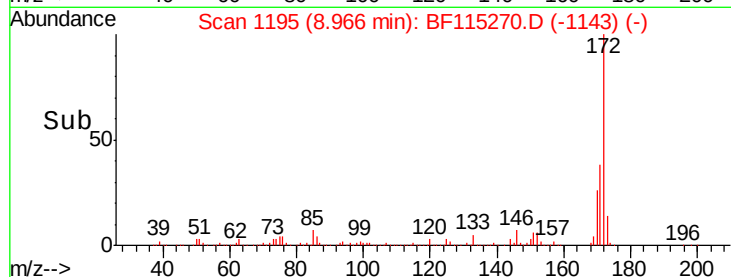
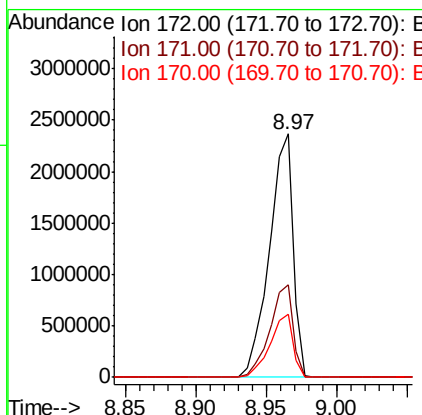
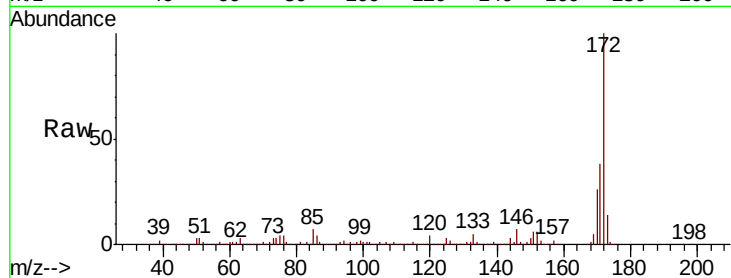
#45
2-Fluorobiphenyl
Concen: 94.197 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.1	29.8	44.6	
170	26.0	20.3	30.5	

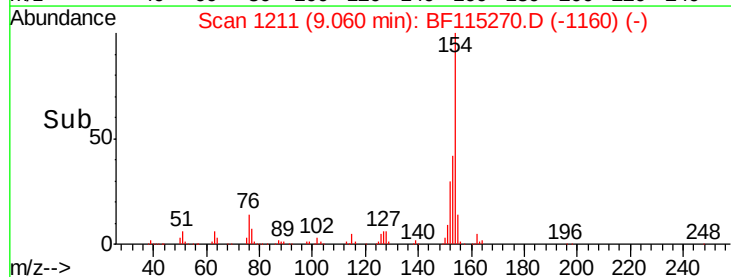
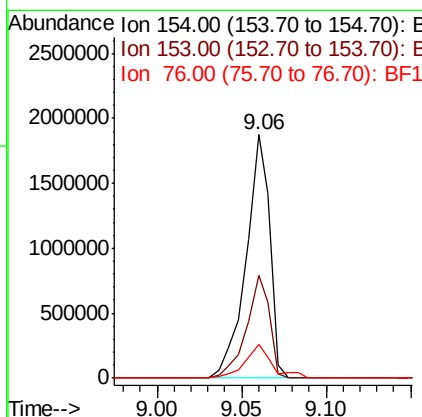
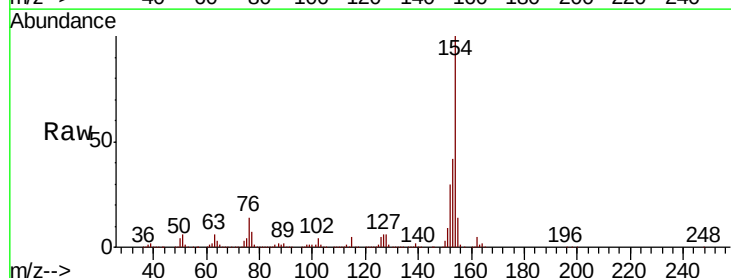
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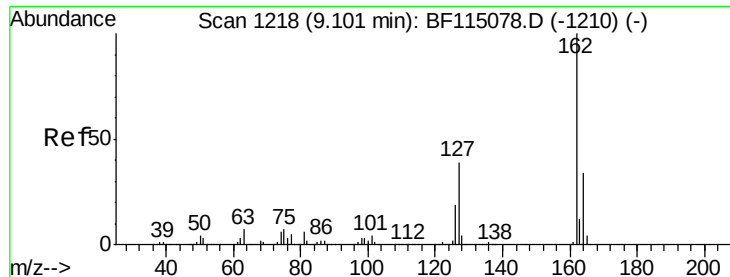
mohammad
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#46
1,1'-Biphenyl
Concen: 45.420 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.4	20.9	60.9	
76	13.8	0.0	34.1	





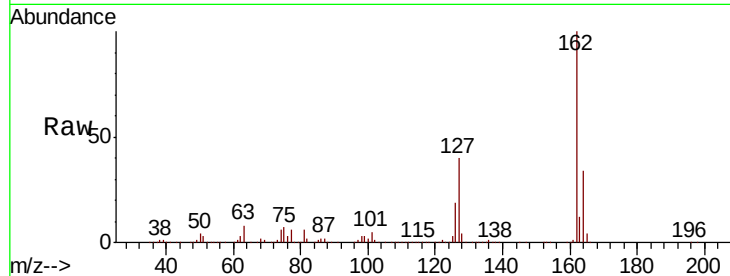
#47
2-Chloronaphthalene
Concen: 44.814 ng
RT: 9.08 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

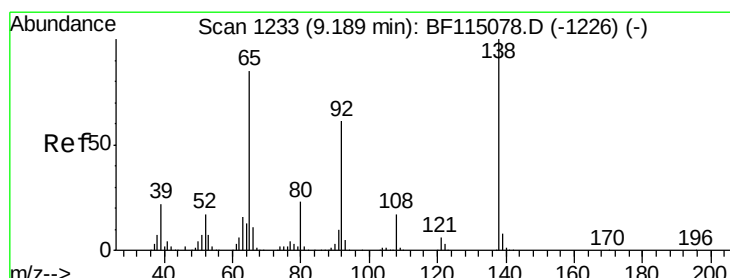
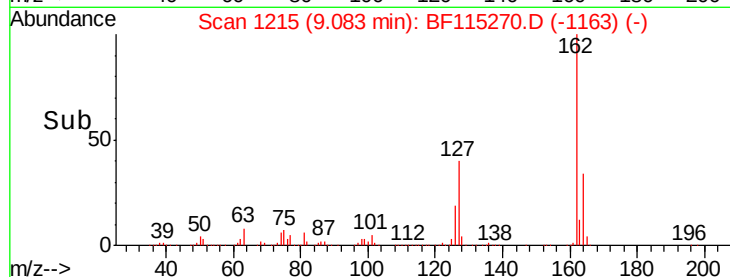
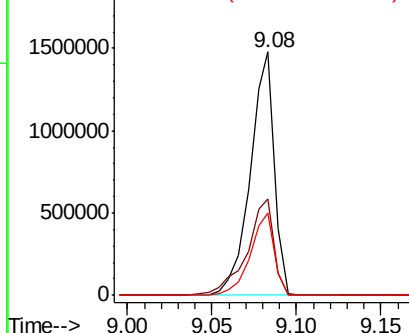
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.8	46.2
164	34.0	27.0	40.4

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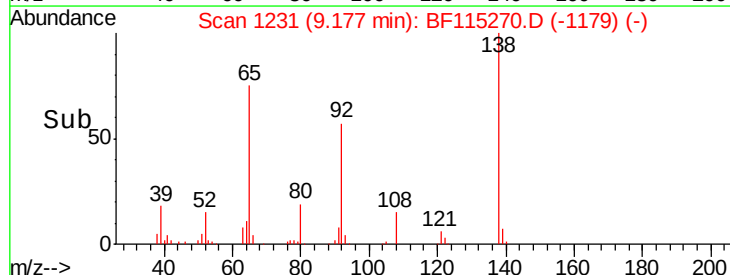
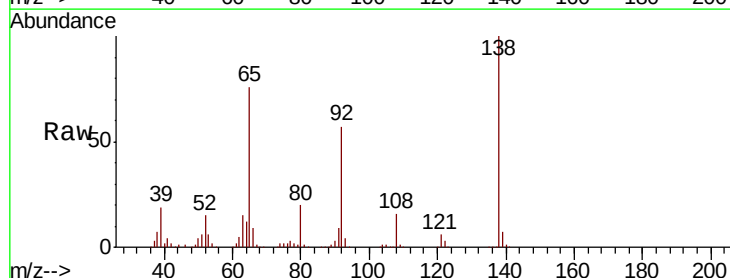
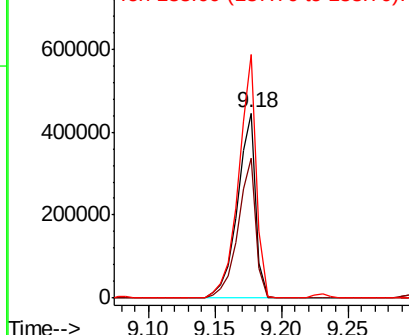
Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

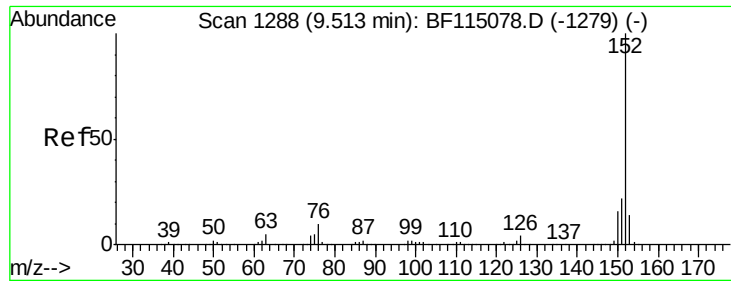


#48
2-Nitroaniline
Concen: 44.649 ng
RT: 9.18 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.4	86.2
138	131.4	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: 44.406 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120885BS

Tot Ion:152 Resp: 2270230

Ion Ratio Lower Upper

152 100

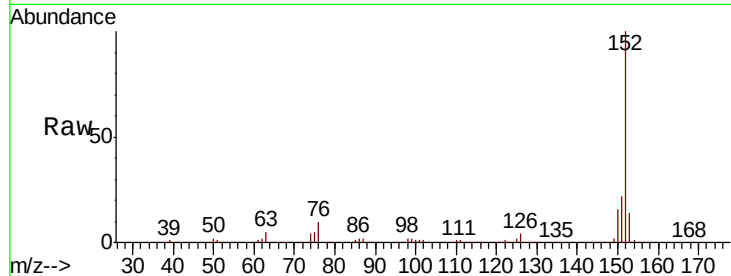
151 21.7 17.2 25.8

153 14.2 11.0 16.6

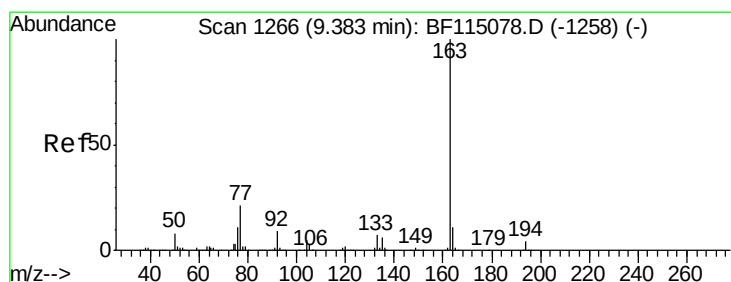
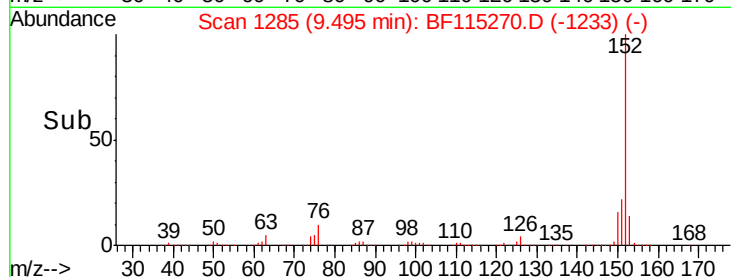
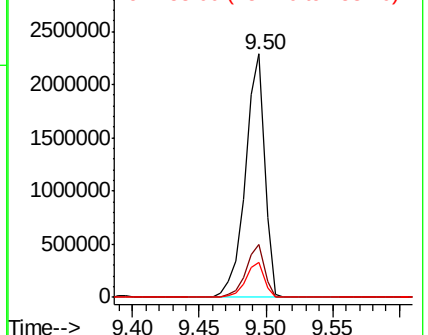
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.700 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

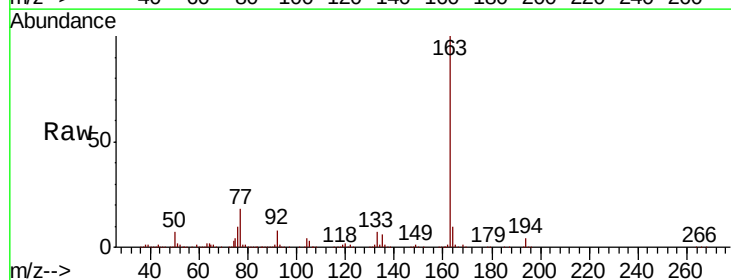
Tgt Ion:163 Resp: 1737044

Ion Ratio Lower Upper

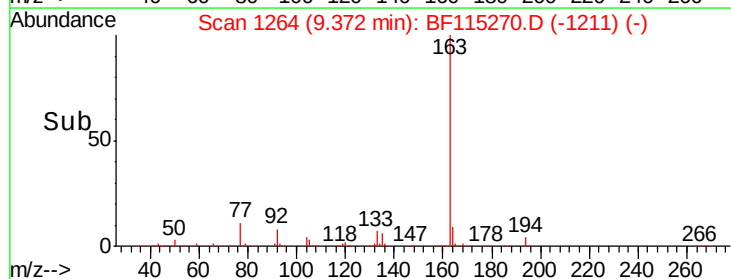
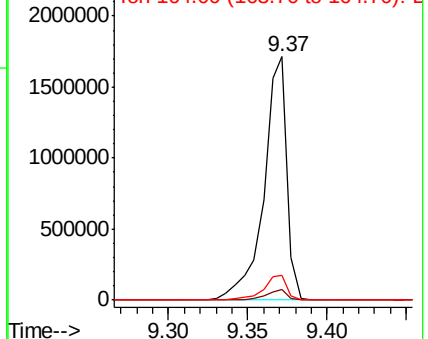
163 100

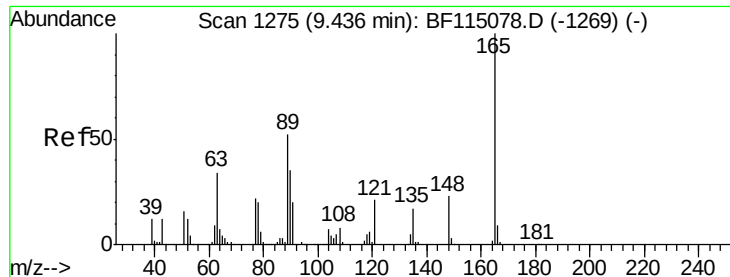
194 4.3 3.2 4.8

164 10.4 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: 47.661 ng

RT: 9.42 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

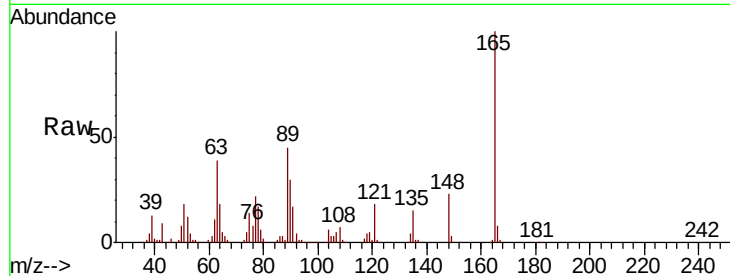
PB120885BS

Tot Ion:165 Resp: 409285
Ion Ratio Lower Upper

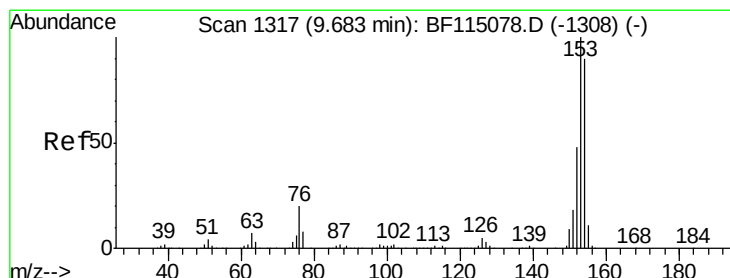
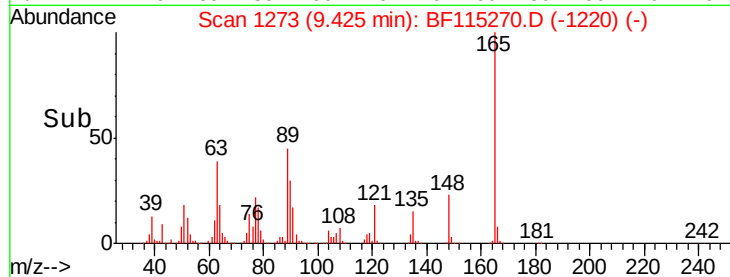
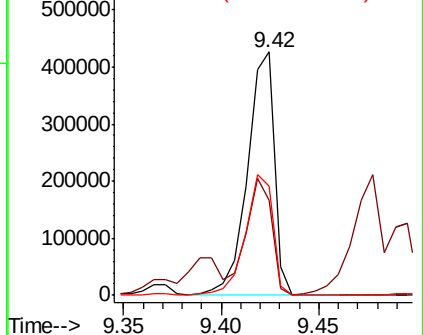
165	100		
63	39.1	39.4	59.2#
89	44.9	42.0	63.0

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.513 ng

RT: 9.67 min Scan# 1314

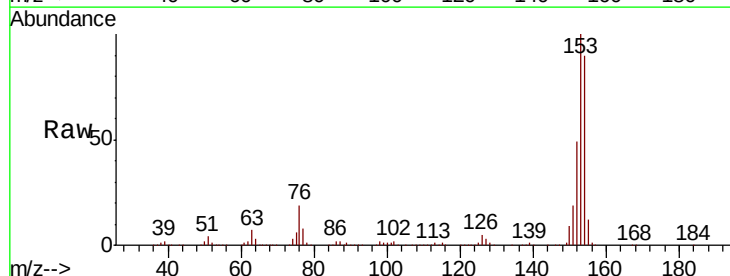
Delta R.T. 0.01 min

Lab File: BF115270.D

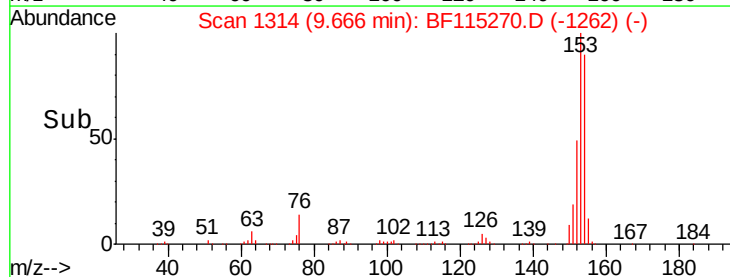
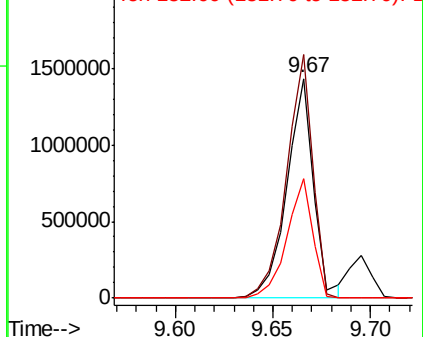
Acq: 28 Jun 2019 10:07

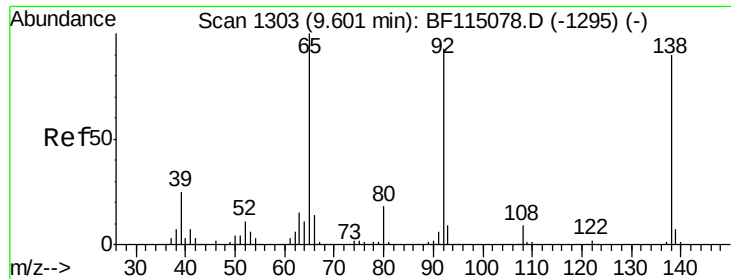
Tgt Ion:154 Resp: 1360049
Ion Ratio Lower Upper

154	100		
153	110.8	88.7	133.1
152	54.5	42.6	64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





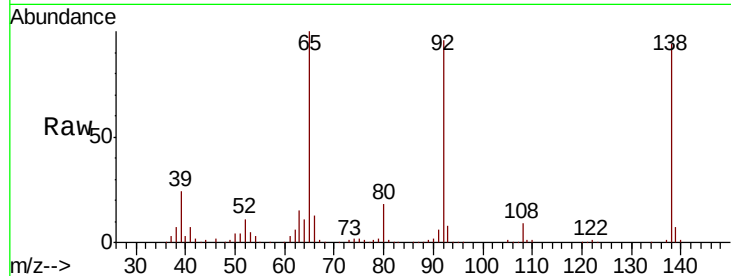
#53
3-Nitroaniline
Concen: 25.766 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	102.4	82.9	124.3

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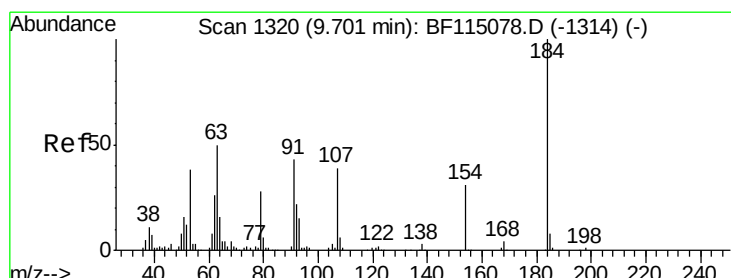
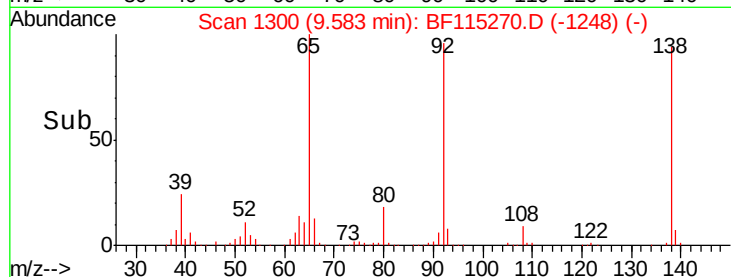
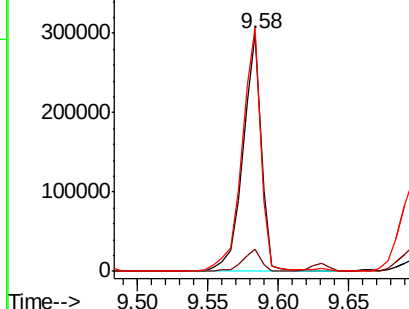


Abundance

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: 104.147 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

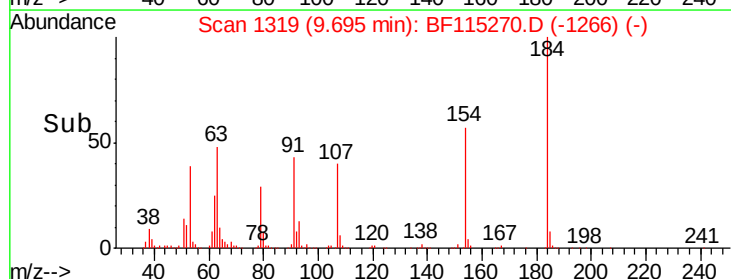
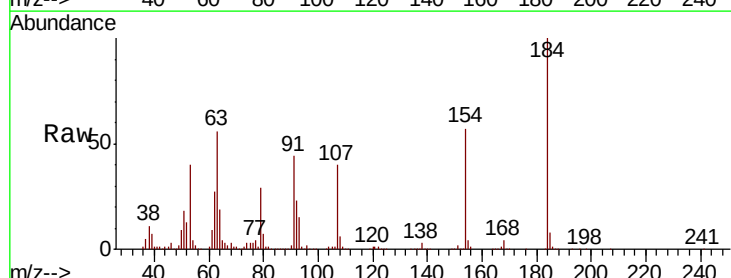
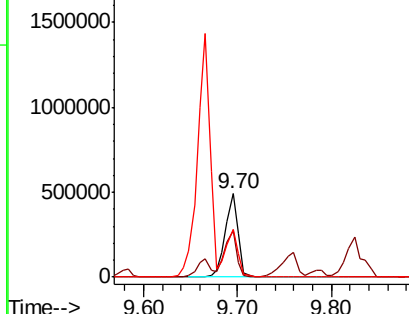
Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	41.9	62.9
154	57.3	44.7	67.1

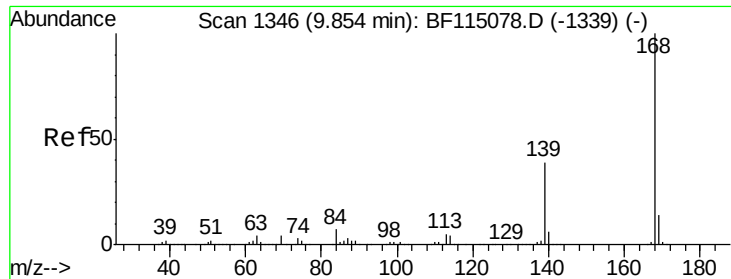
Abundance

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





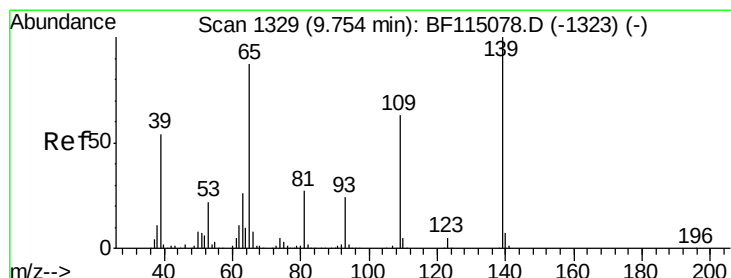
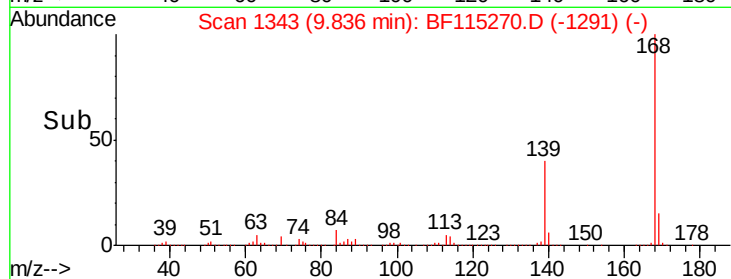
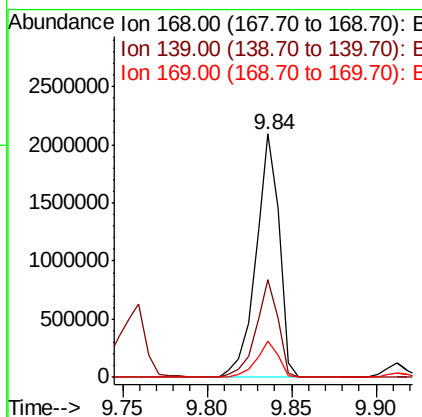
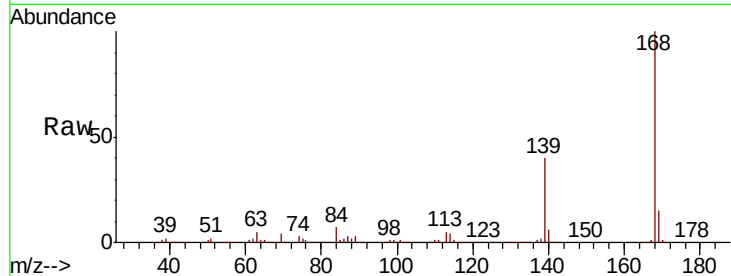
#55
Dibenzofuran
Concen: 43.334 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	14.7	11.3	16.9

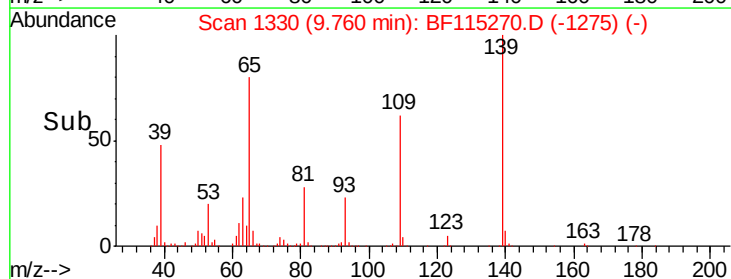
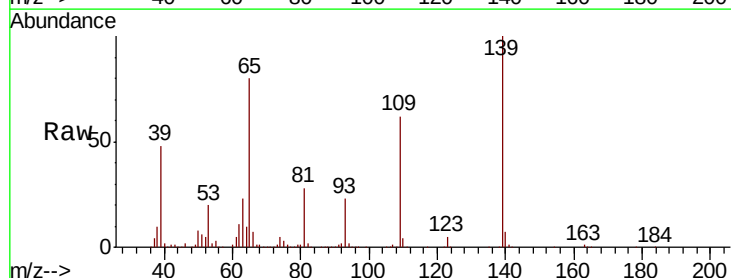
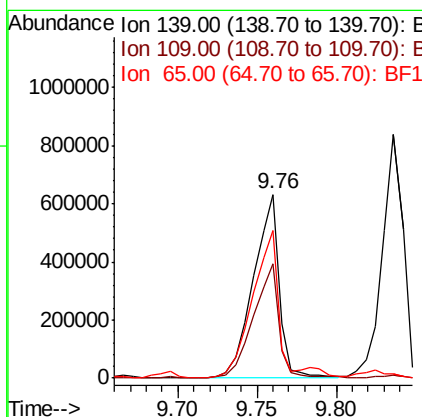
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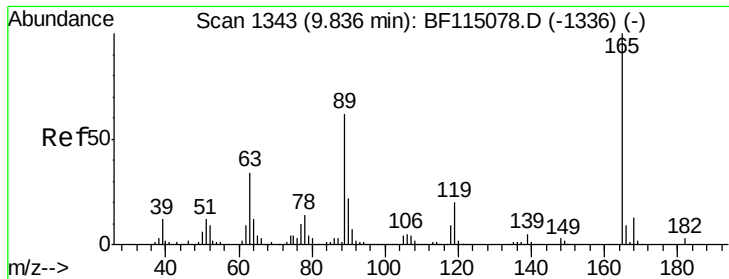
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#56
4-Nitrophenol
Concen: 86.064 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	43.0	83.0
65	80.3	67.0	107.0





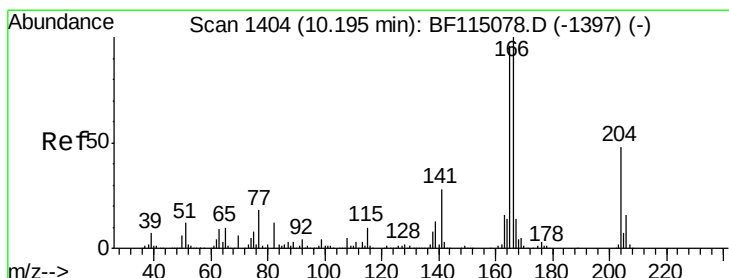
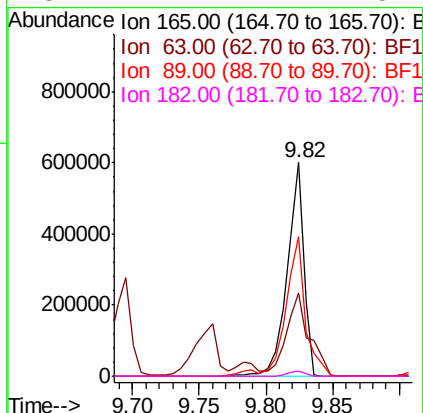
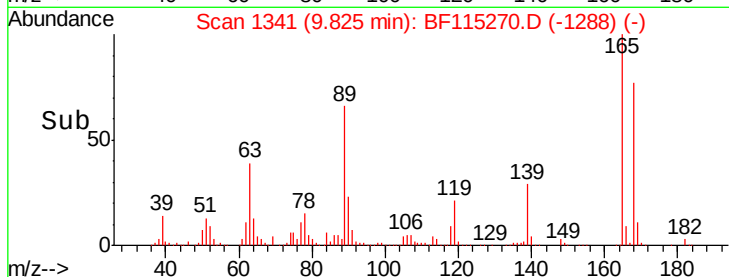
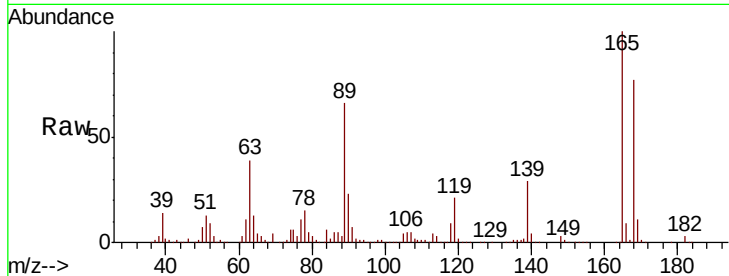
#57
2,4-Dinitrotoluene
Concen: 48.011 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	532354		
63	39.0	27.5	41.3	
89	65.6	49.9	74.9	
182	2.7	2.1	3.1	

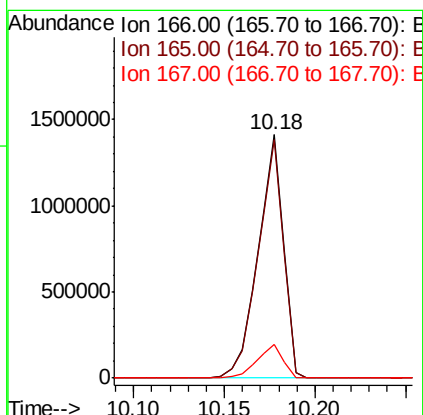
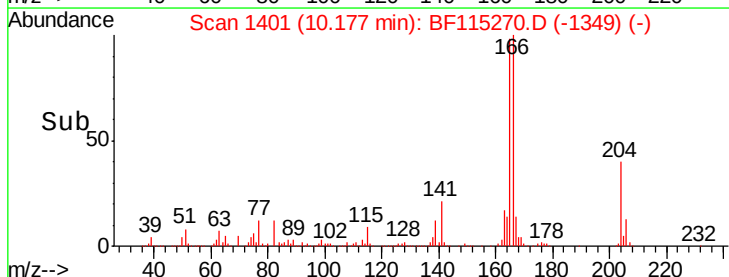
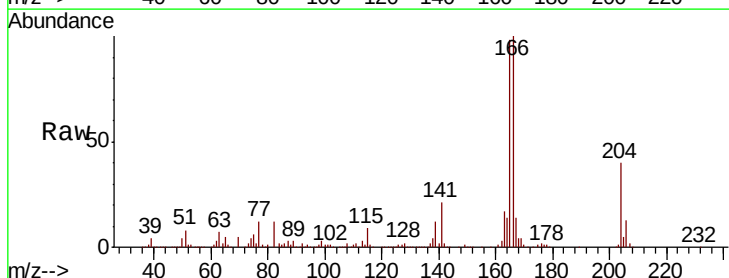
Manual Integrations
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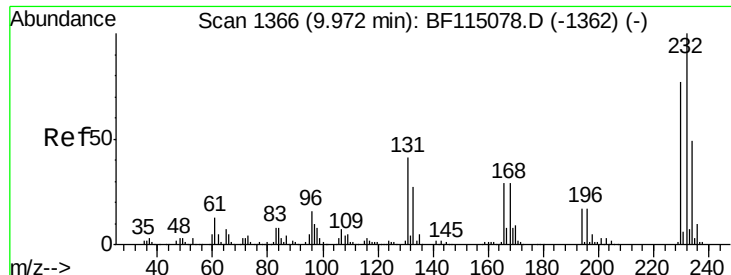
mohammad
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#58
Fluorene
Concen: 44.977 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1375071		
165	97.8	76.5	114.7	
167	13.9	11.0	16.4	





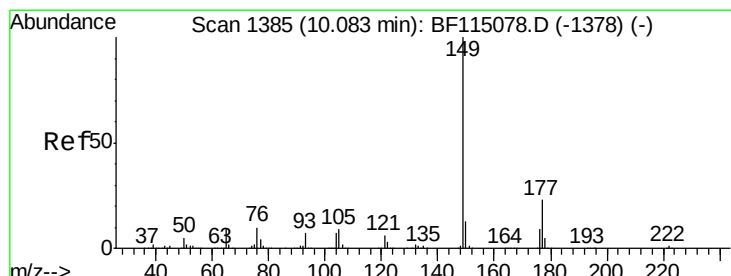
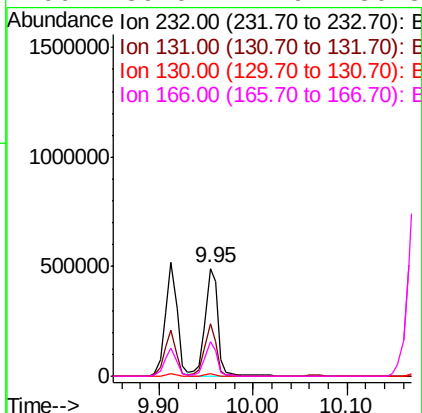
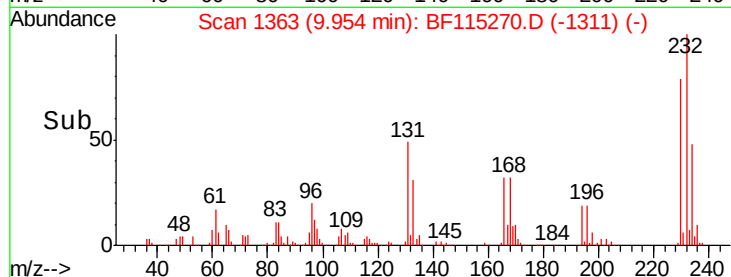
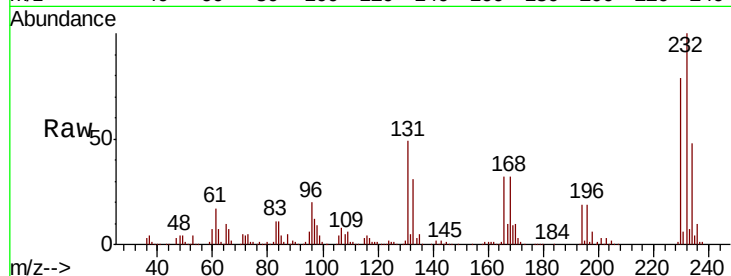
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.158 ng
RT: 9.95 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.4	56.0
130	2.1	1.8	2.6
166	30.0	24.6	36.8

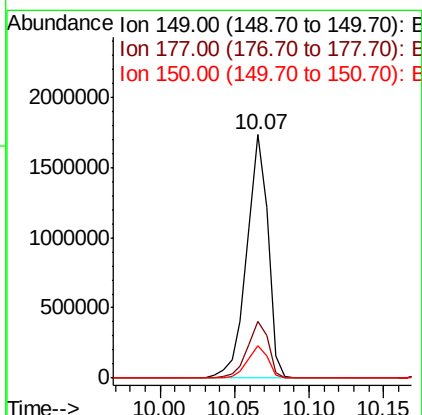
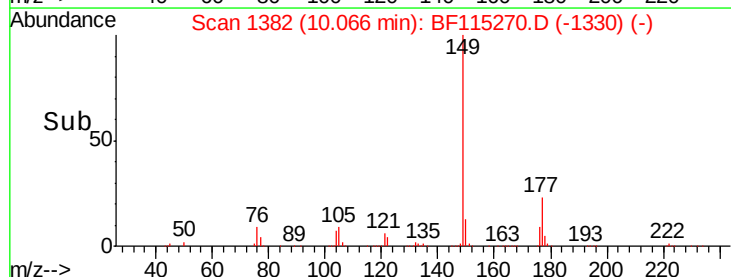
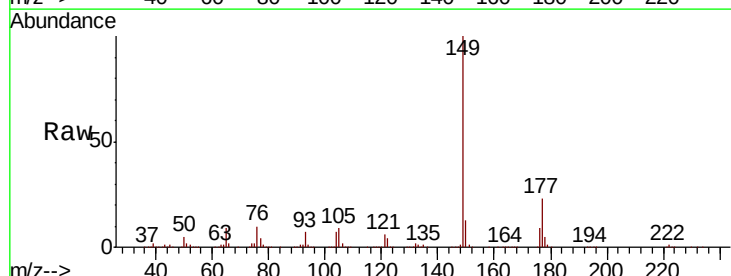
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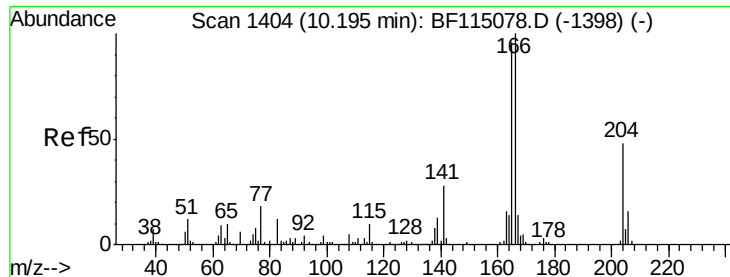
mohammad
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#60
Diethylphthalate
Concen: 45.475 ng
RT: 10.07 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.2	10.4	15.6





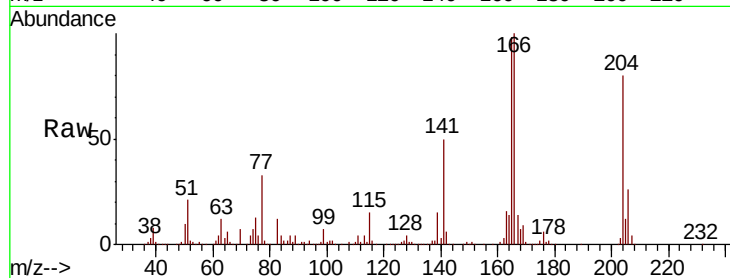
#61
4-Chlorophenyl-phenylether
Concen: 47.273 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampled :
PB120885BS

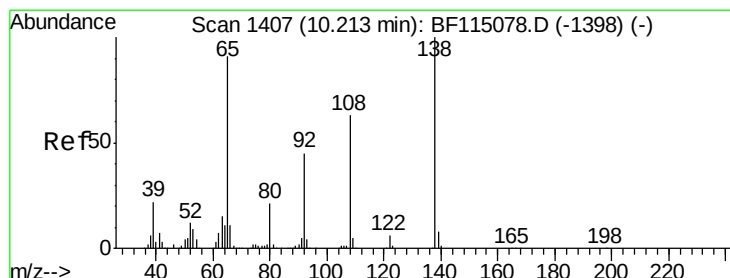
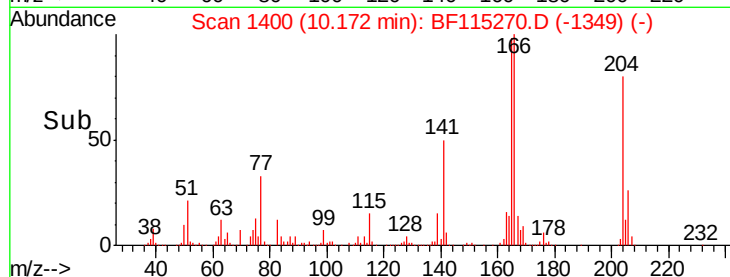
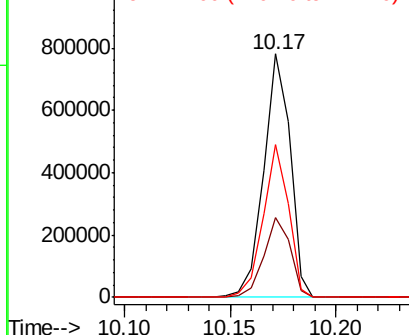
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	62.5	46.7	70.1

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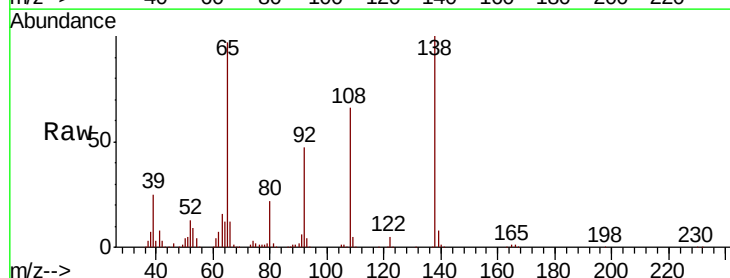


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

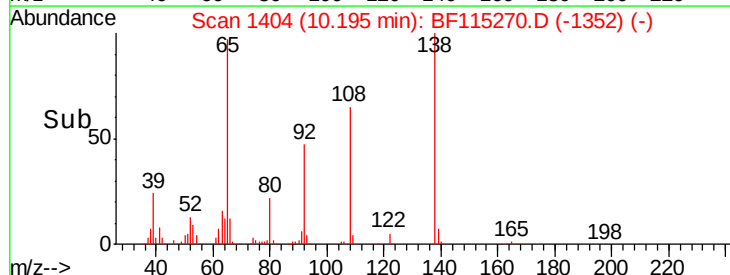
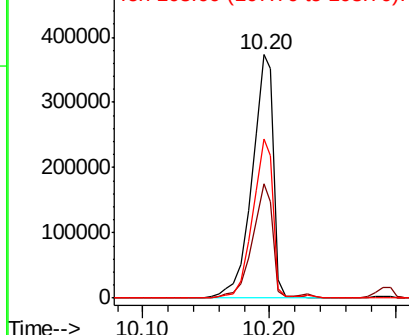


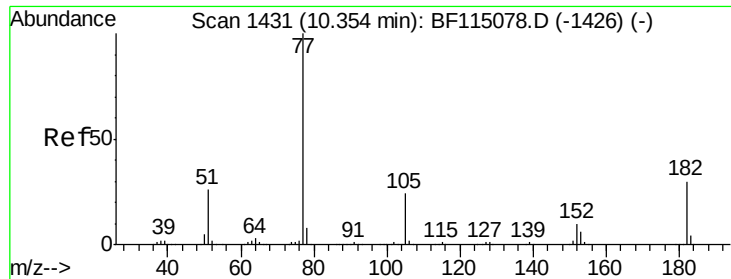
#62
4-Nitroaniline
Concen: 41.936 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	24.8	64.8
108	65.6	43.3	83.3



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





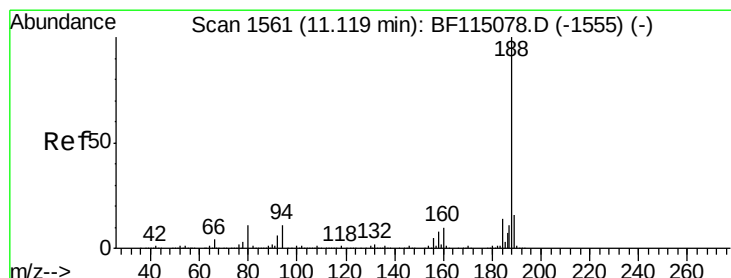
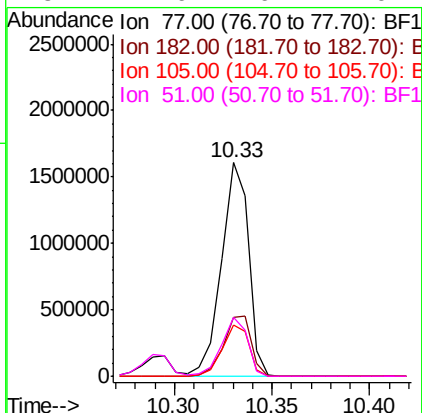
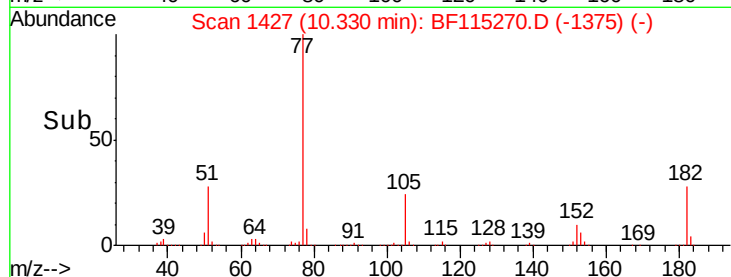
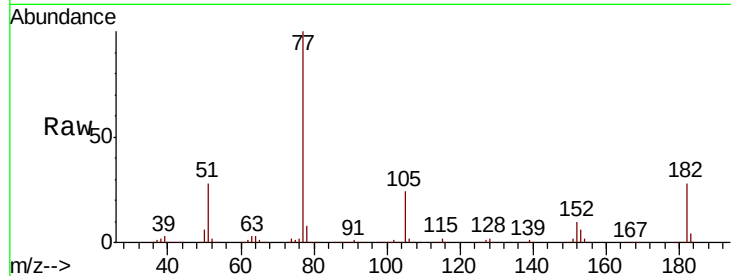
#63
Azobenzene
Concen: 44.102 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	77	Resp	1540191
Ion	Ratio	Lower	Upper
77	100		
182	27.6	10.1	50.1
105	24.1	4.5	44.5
51	27.6	6.4	46.4

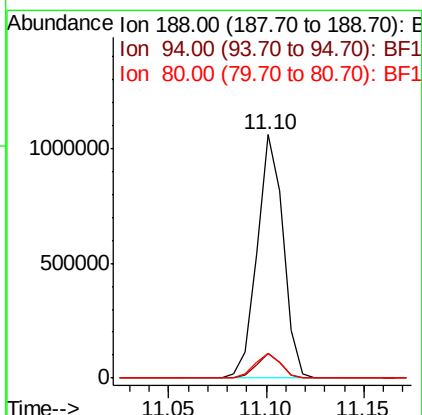
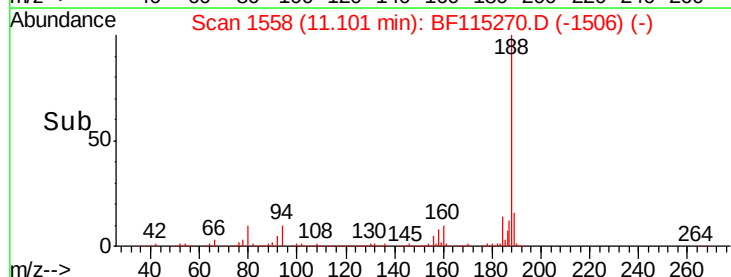
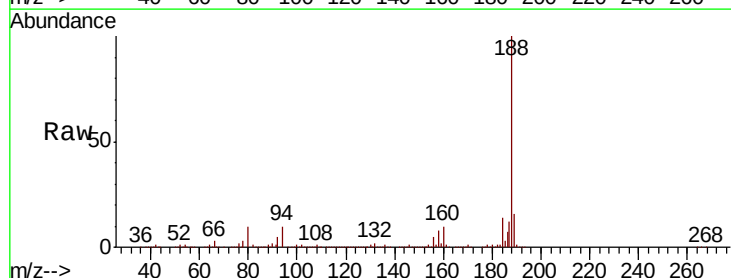
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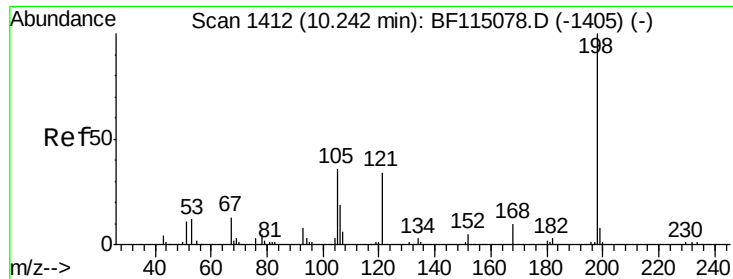
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	188	Resp	980135
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.3	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 53.146 ng

RT: 10.23 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

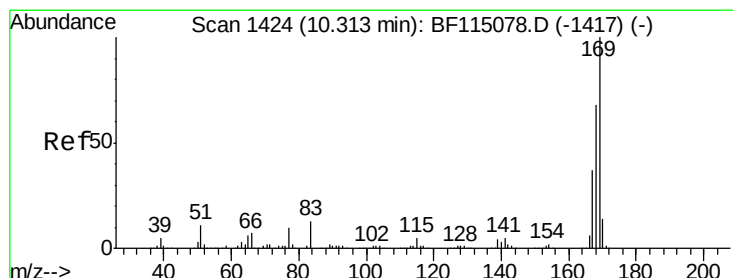
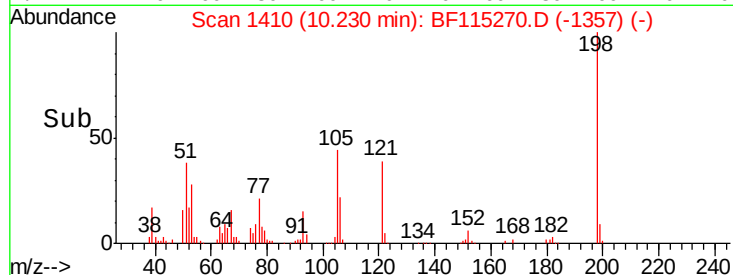
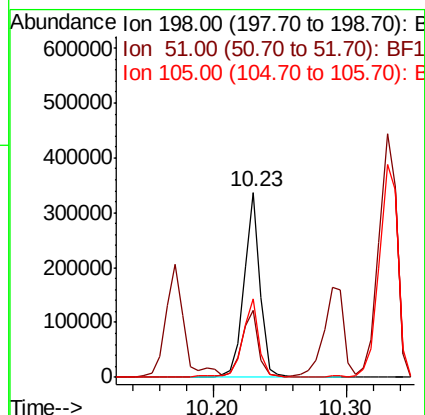
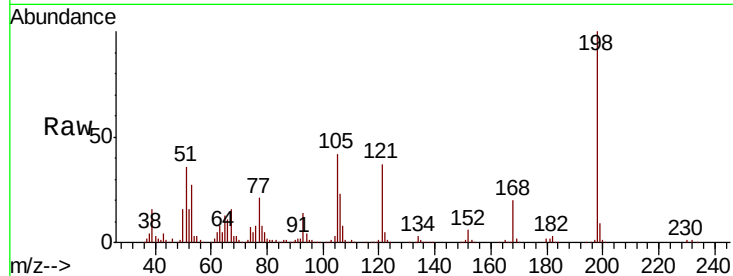
ClientSampleId :

PB120885BS

Tot Ion:	198	Resp:	280259
Ion Ratio	Lower	Upper	
198	100		
51	36.3	11.0	51.0
105	42.3	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 46.202 ng

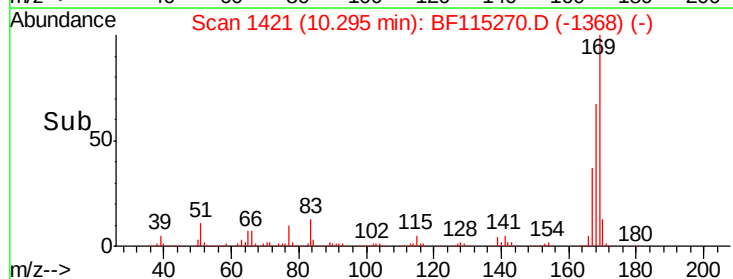
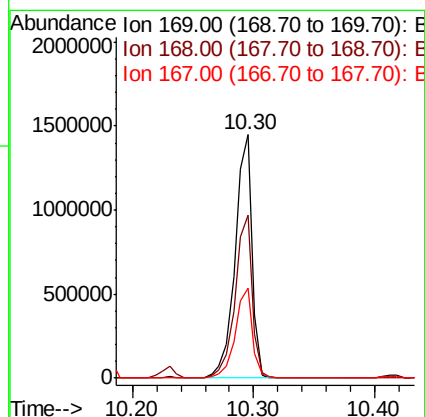
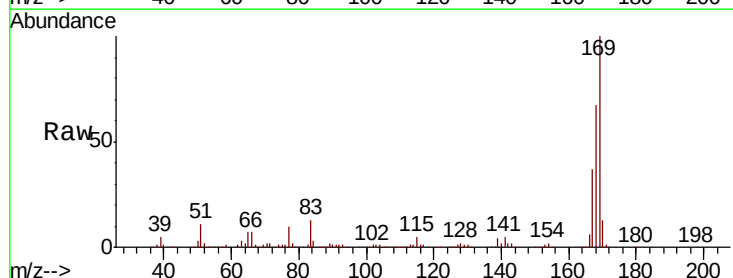
RT: 10.30 min Scan# 1421

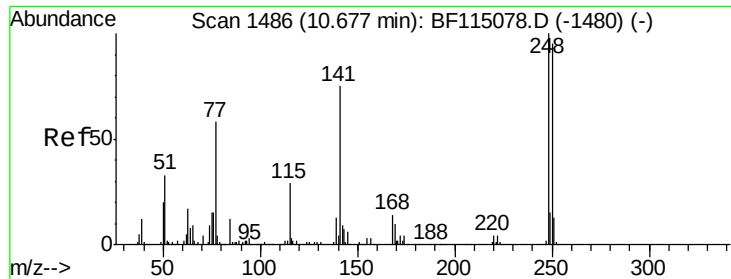
Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Tgt Ion:	169	Resp:	1410806
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.2	81.4
167	37.0	29.4	44.0





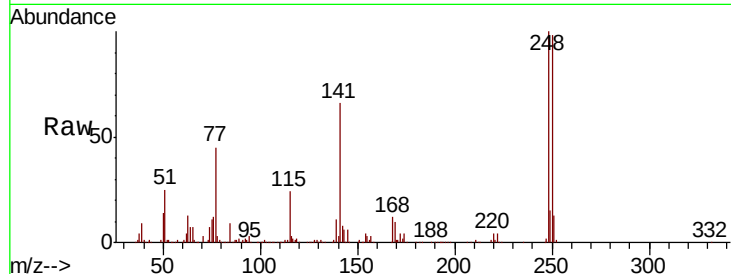
#67
4-Bromophenyl-phenylether
Concen: 46.999 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.2	114.2
141	66.2	59.6	89.4

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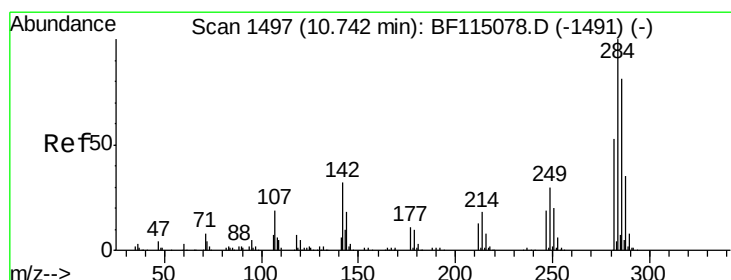
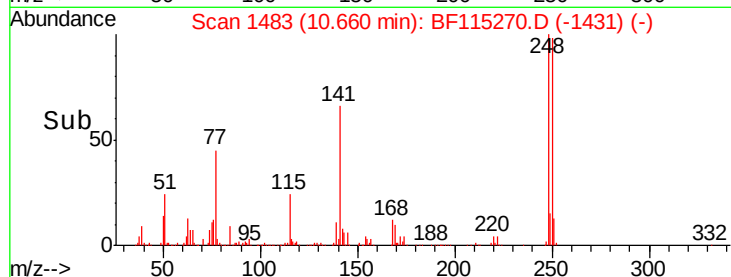
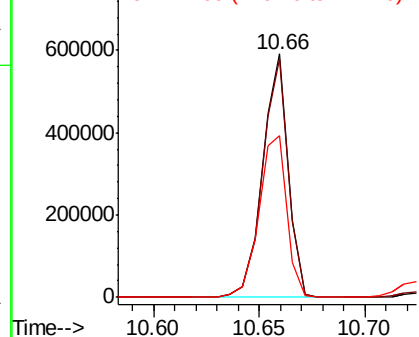


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.872 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

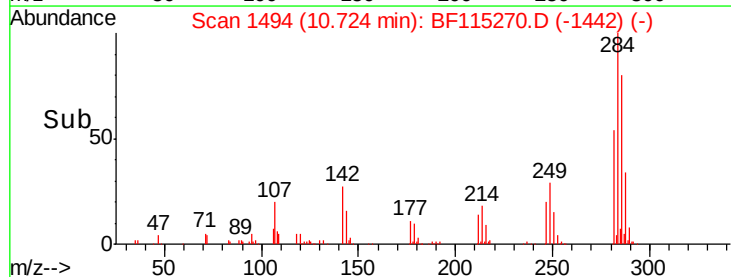
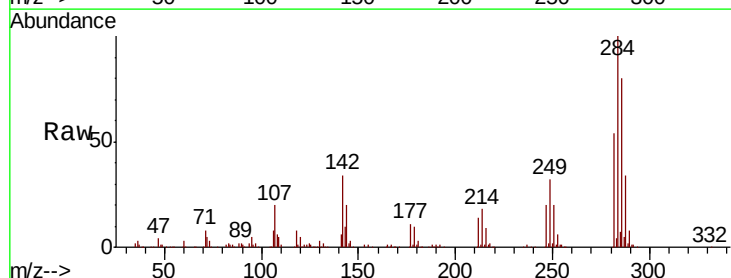
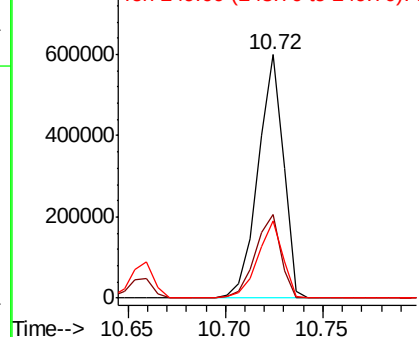
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.8	38.8
249	31.9	24.2	36.4

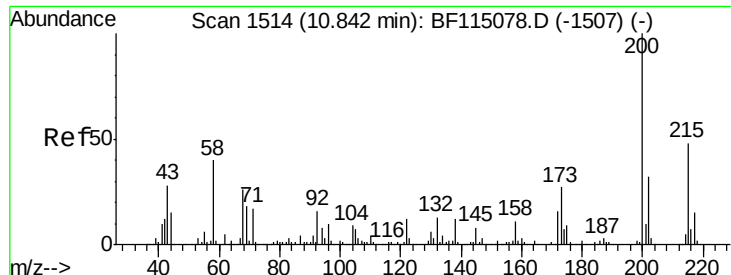
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





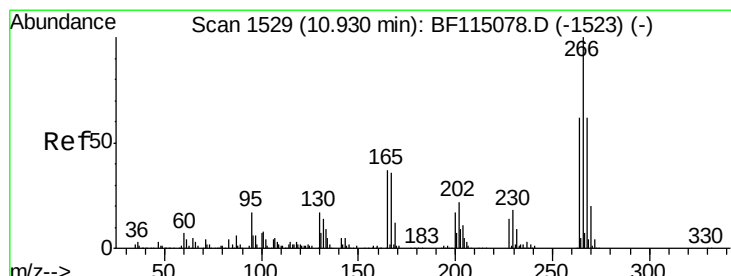
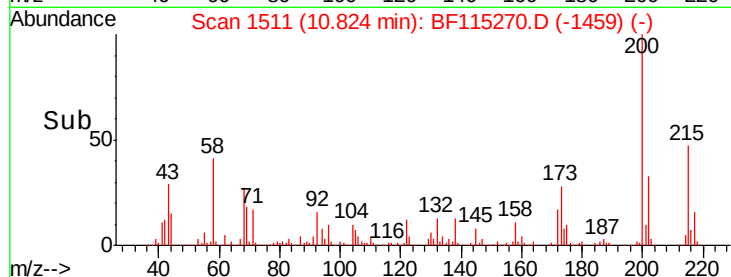
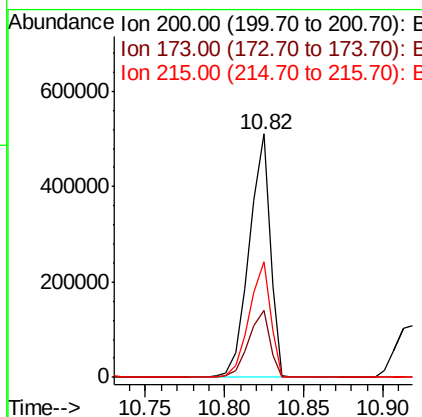
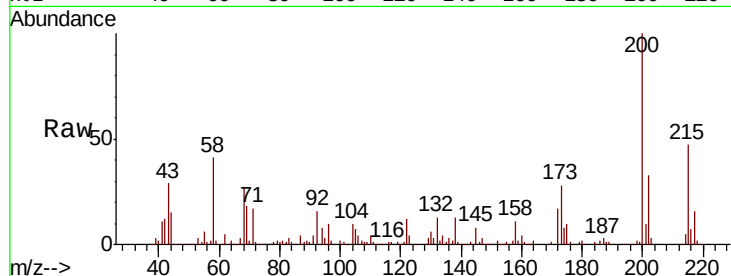
#69
Atrazine
Concen: 47.762 ng
RT: 10.82 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	47.4	27.8	67.8

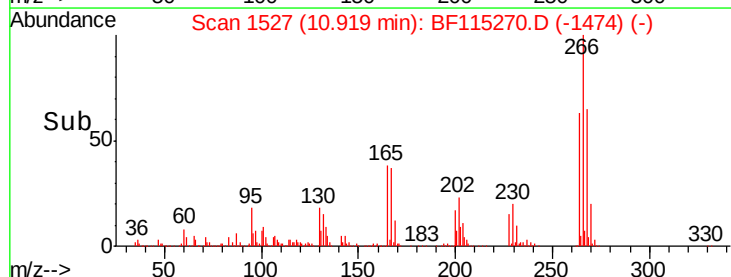
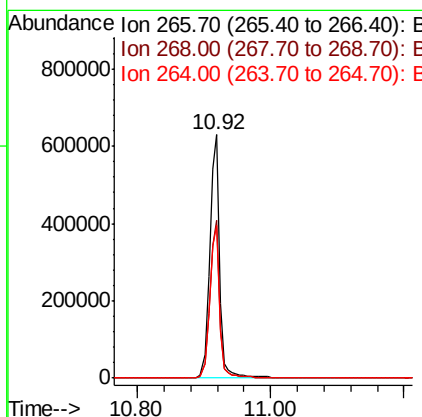
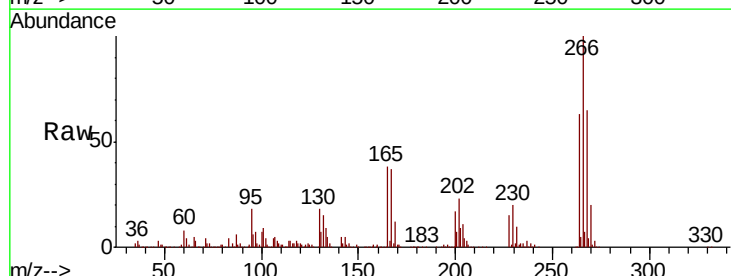
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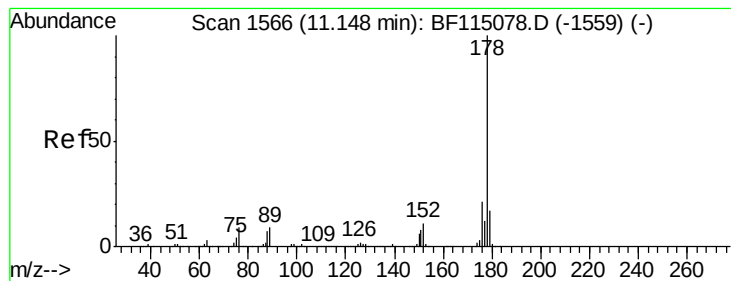
mohammad
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#70
Pentachlorophenol
Concen: 88.501 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	49.5	74.3
264	62.7	49.3	73.9





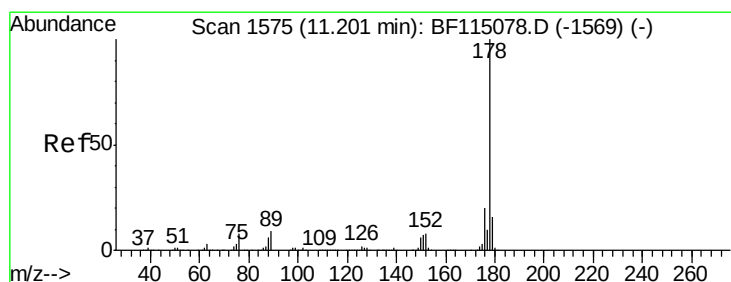
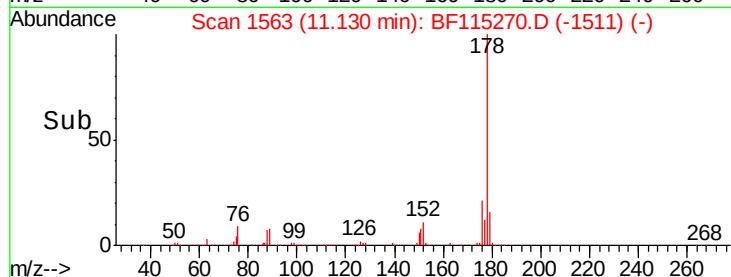
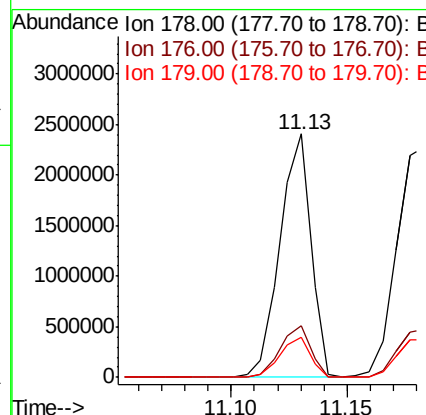
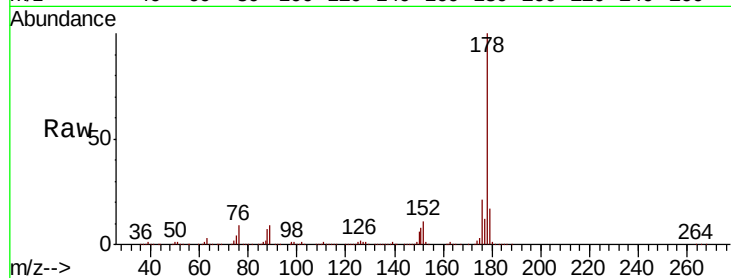
#71
Phenanthrene
Concen: 42.591 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.9	25.3
179	16.6	13.2	19.8

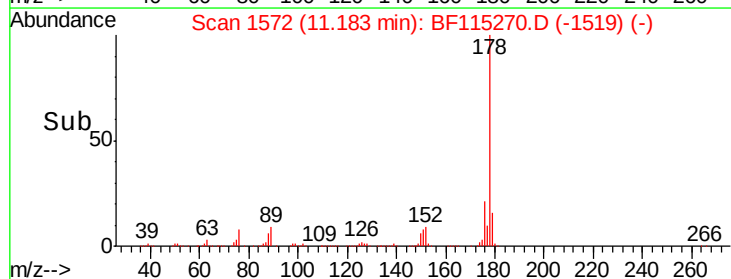
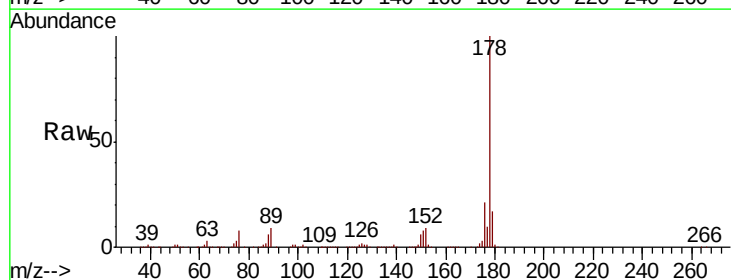
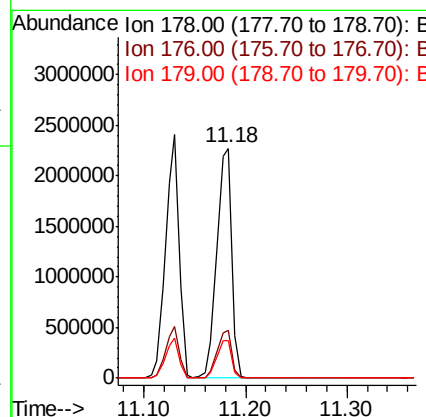
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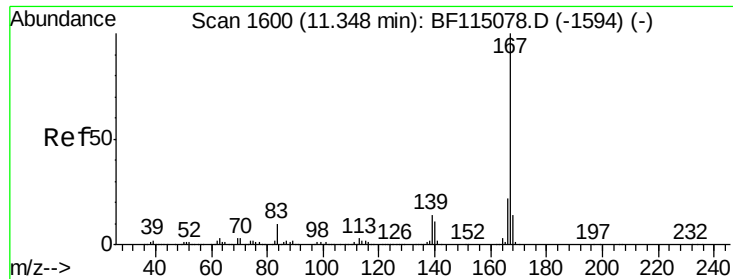
mohammad
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#72
Anthracene
Concen: 43.823 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.1	24.1
179	16.5	12.9	19.3





#73

Carbazole

Concen: 44.187 ng

RT: 11.34 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120885BS

Tot Ion:167 Resp: 2101892

Ion Ratio Lower Upper

167 100

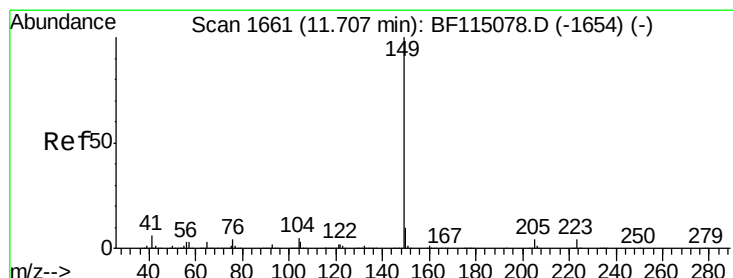
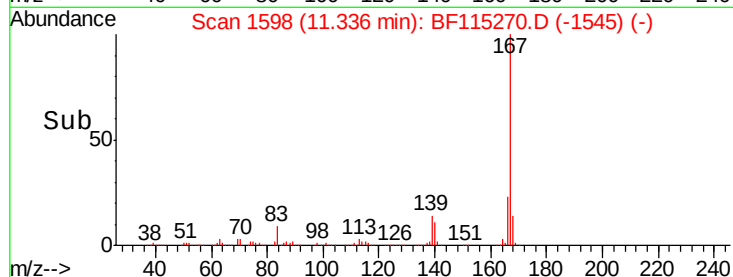
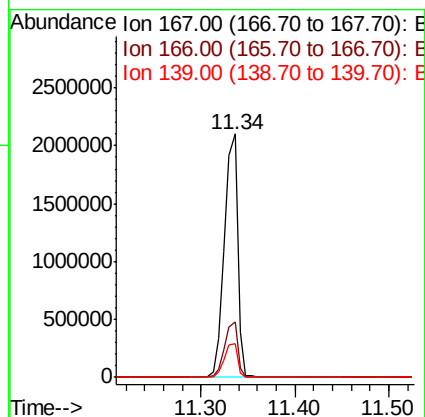
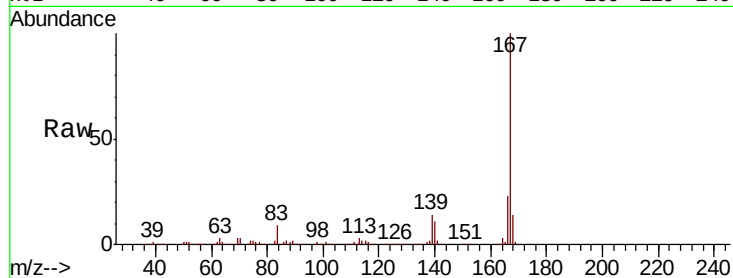
166 23.0 18.0 27.0

139 14.1 11.1 16.7

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#74

Di-n-butylphthalate

Concen: 46.401 ng

RT: 11.68 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

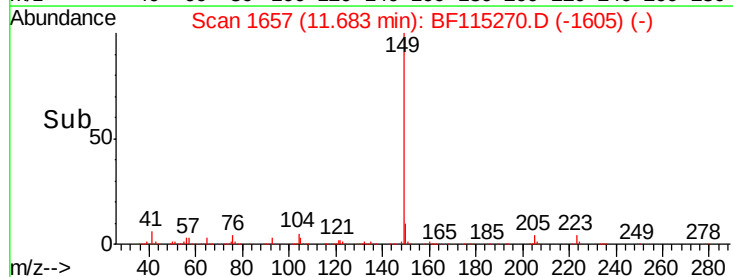
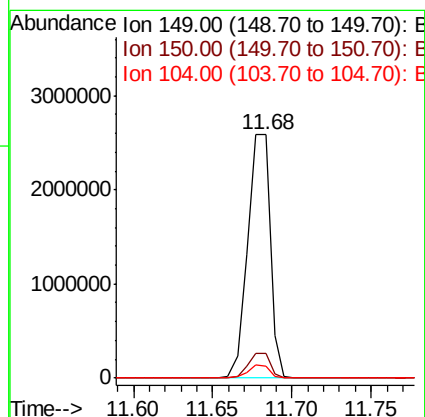
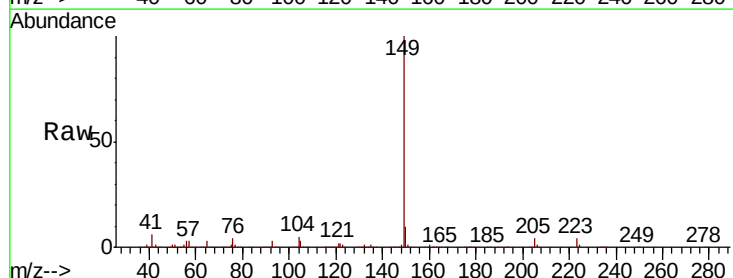
Tgt Ion:149 Resp: 2550540

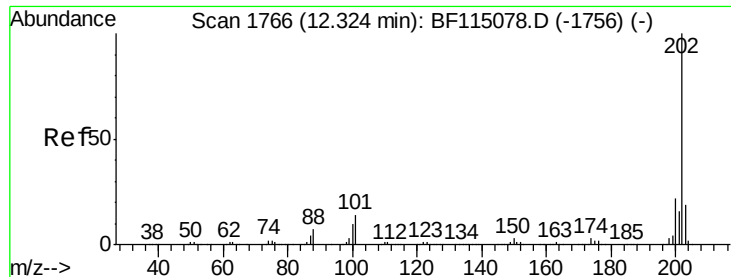
Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 43.905 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120885BS

Tot Ion:202 Resp: 2311746

Ion Ratio Lower Upper

202 100

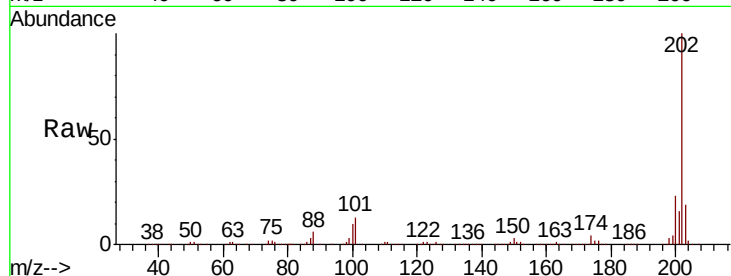
101 13.4 0.0 34.0

203 18.9 0.0 38.8

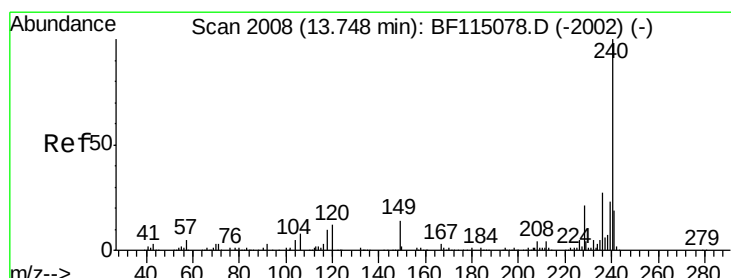
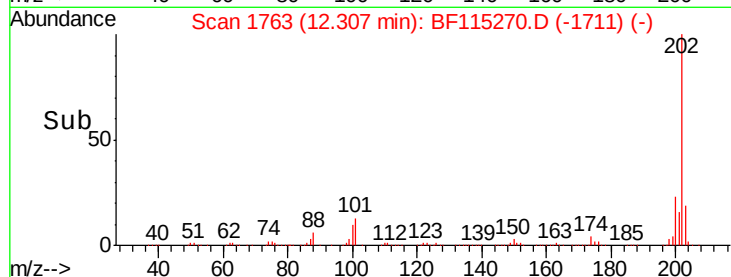
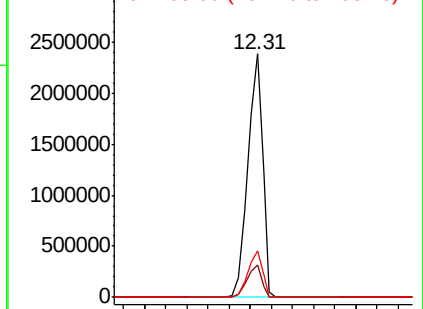
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

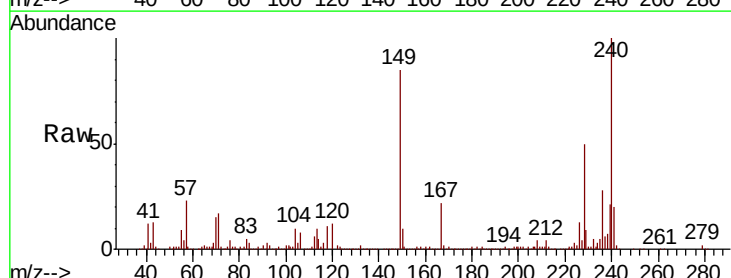
Tgt Ion:240 Resp: 633729

Ion Ratio Lower Upper

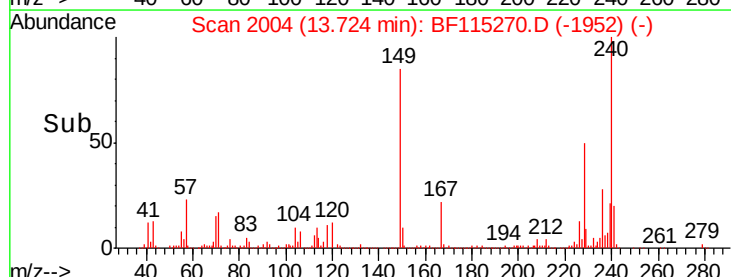
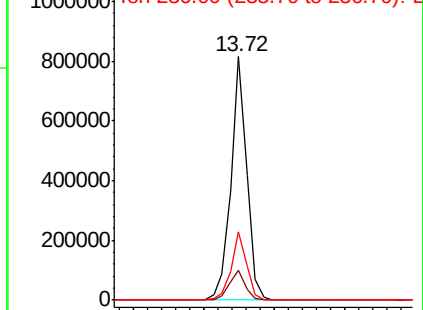
240 100

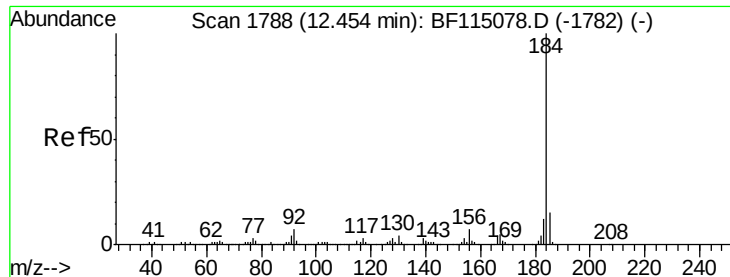
120 12.3 9.4 14.2

236 28.0 21.7 32.5



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





#77

Benzidine

Concen: 29.655 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120885BS

Tot Ion:184 Resp: 834488

Ion Ratio Lower Upper

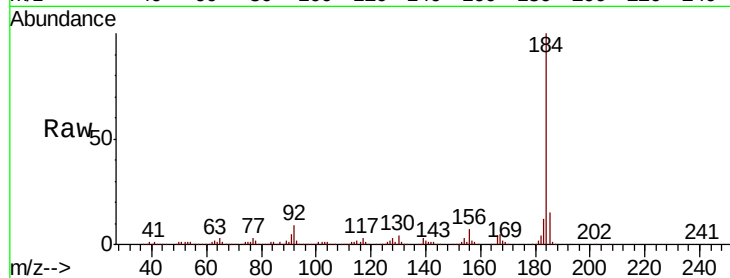
184 100

185 15.1 12.2 18.2

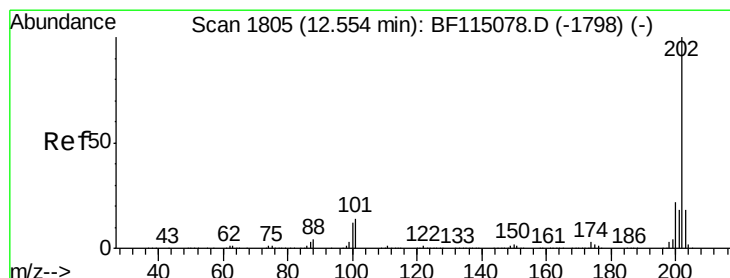
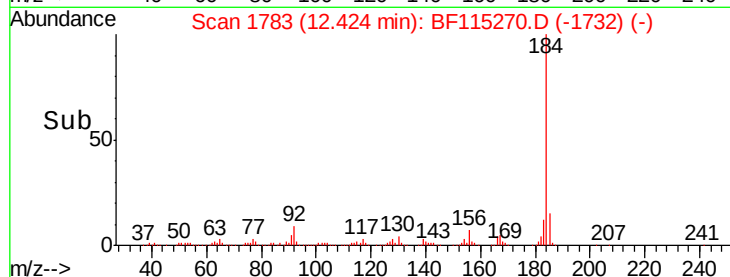
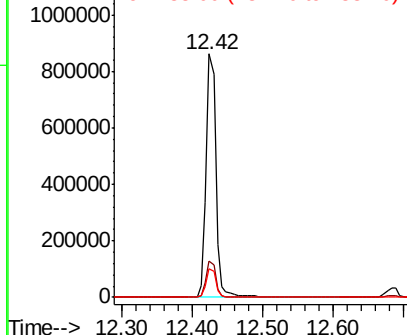
183 11.7 9.6 14.4

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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: 49.179 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

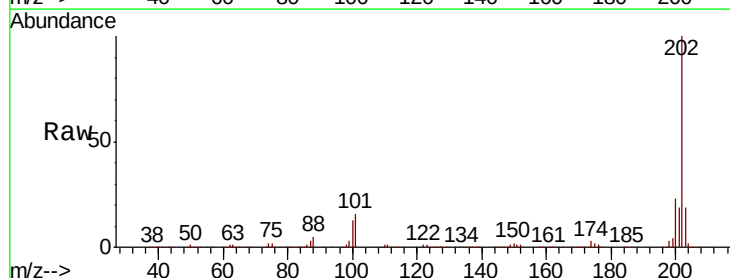
Tgt Ion:202 Resp: 2395140

Ion Ratio Lower Upper

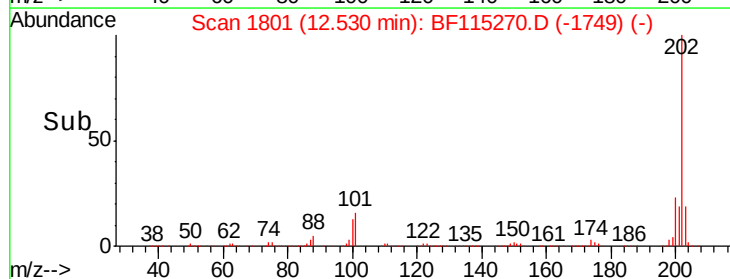
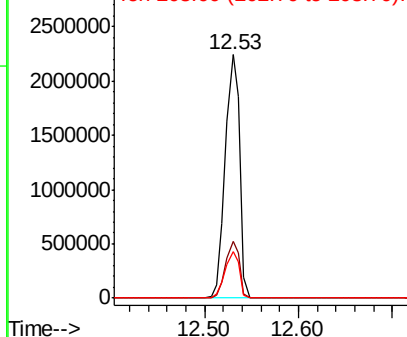
202 100

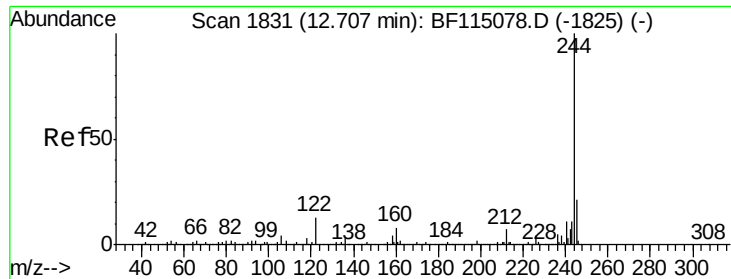
200 23.2 17.9 26.9

203 19.0 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: 97.380 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120885BS

Tot Ion:244 Resp: 2902535

Ion Ratio Lower Upper

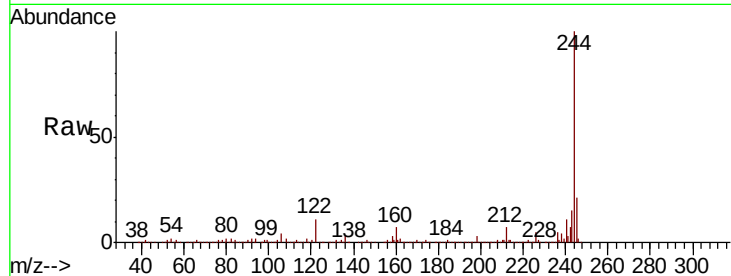
244 100

212 7.3 5.8 8.6

122 11.4 10.4 15.6

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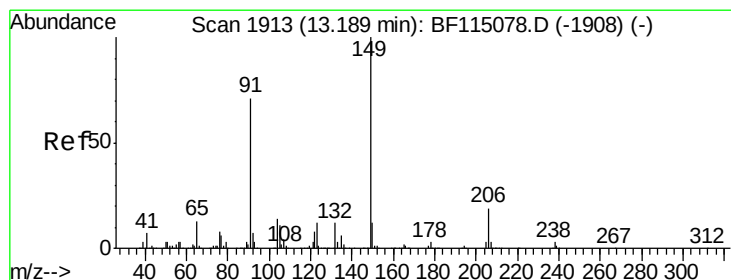
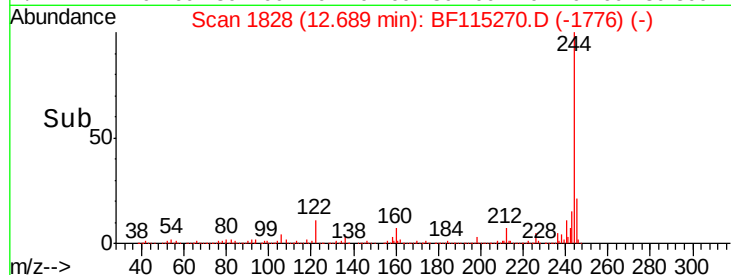
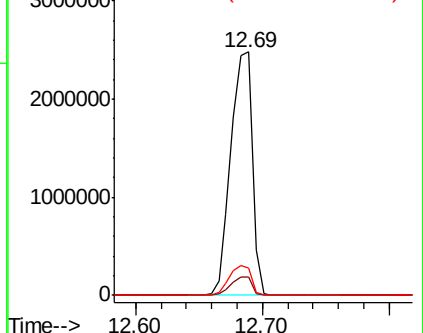
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.579 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

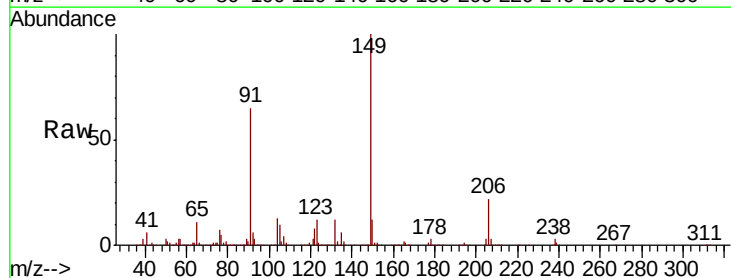
Tgt Ion:149 Resp: 1151563

Ion Ratio Lower Upper

149 100

91 64.7 56.5 84.7

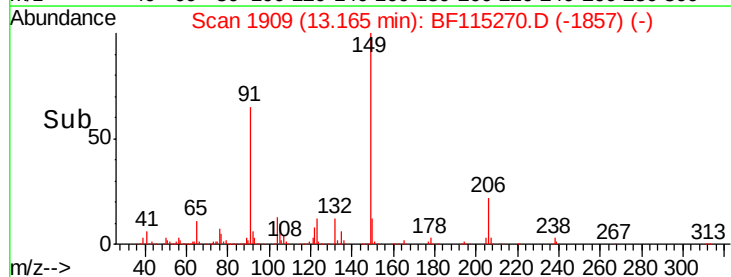
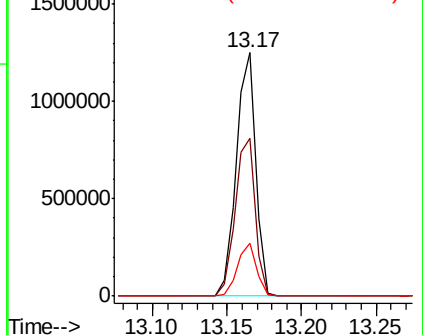
206 21.8 15.3 22.9

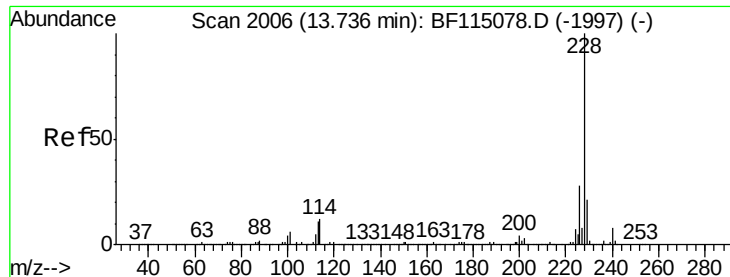


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.990 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

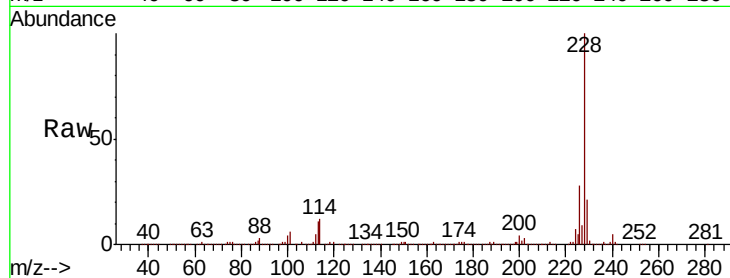
ClientSampleId :

PB120885BS

Tot Ion:	228	Resp:	2136719
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.7	16.6	24.8

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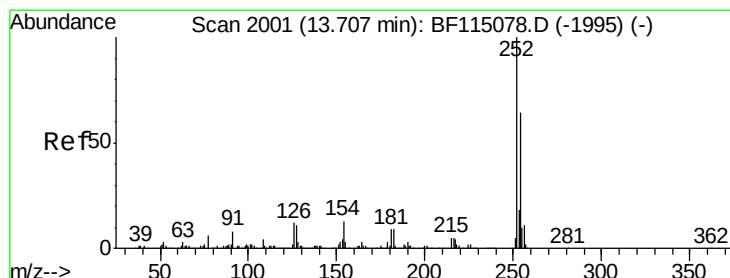
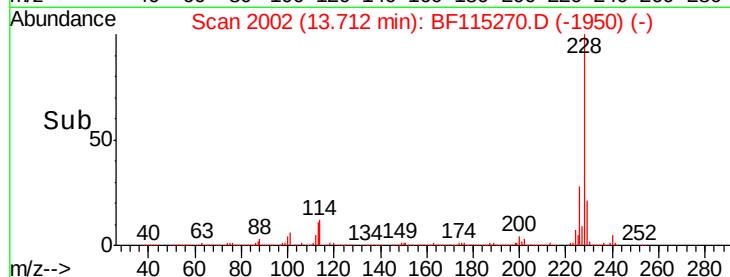
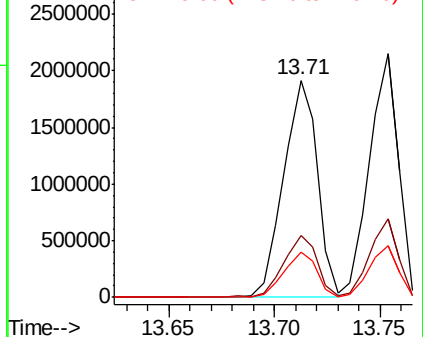


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.807 ng

RT: 13.68 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

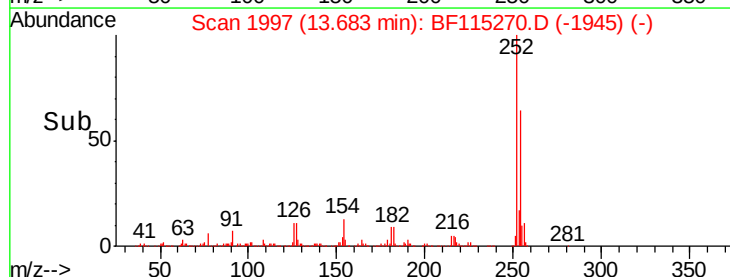
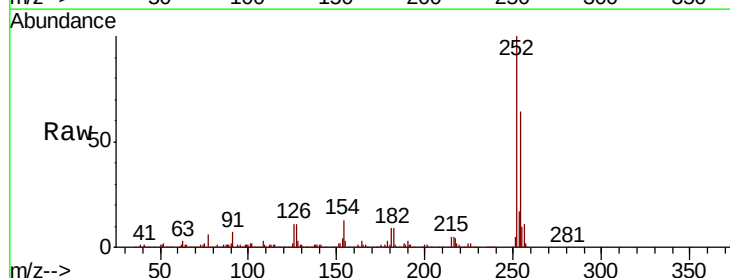
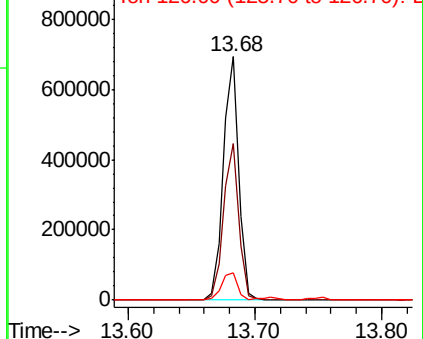
Tgt Ion:	252	Resp:	587980
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.1	76.7
126	11.0	9.4	14.0

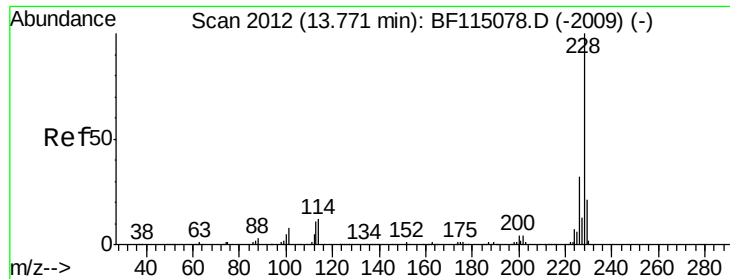
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





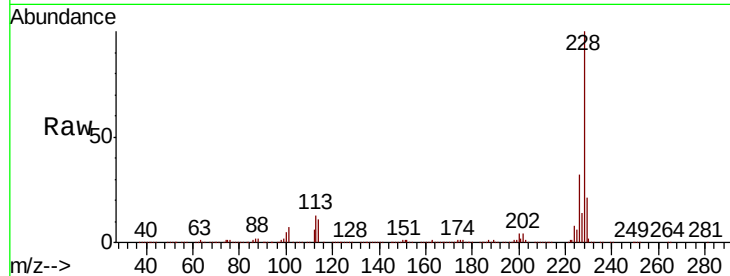
#83
 Chrvsene
 Concen: 49.277 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120885BS

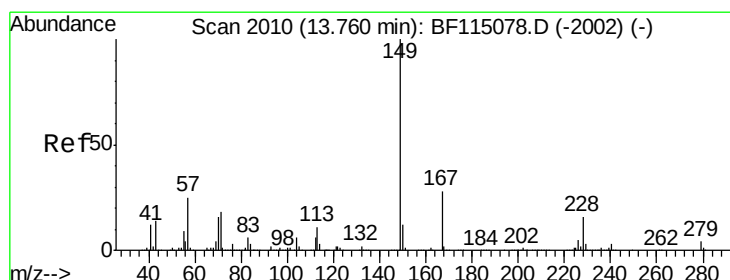
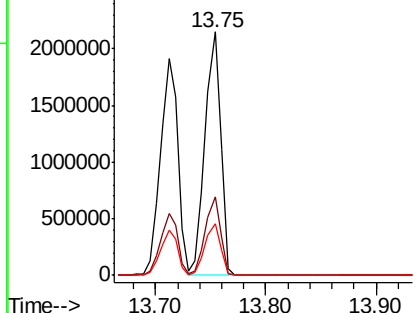
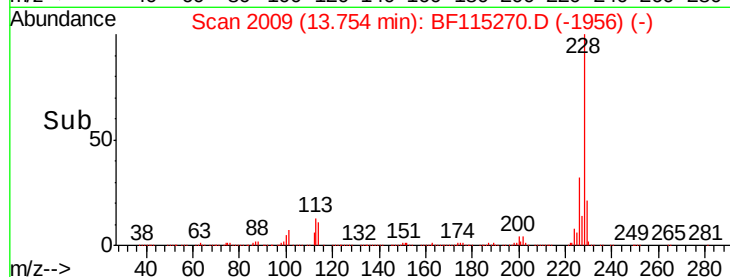
Tot Ion:228 Resp: 2052567
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.4 38.0
 229 21.3 16.5 24.7

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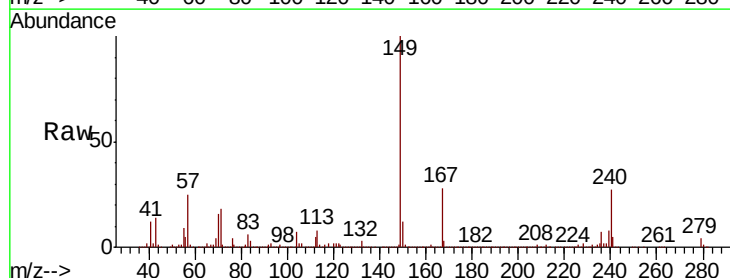


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

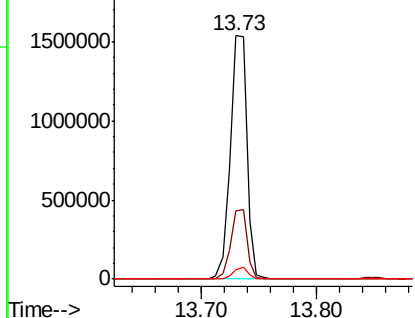
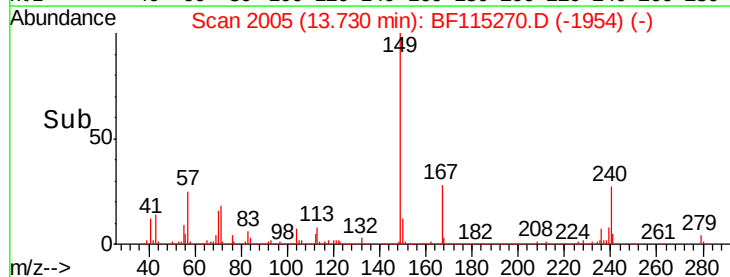


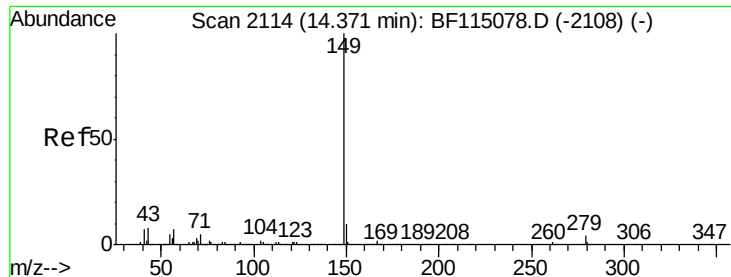
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.178 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115270.D
 Acq: 28 Jun 2019 10:07

Tgt Ion:149 Resp: 1525790
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.4
 279 3.9 2.9 4.3



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





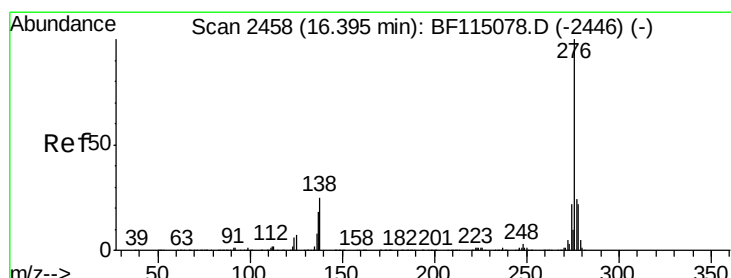
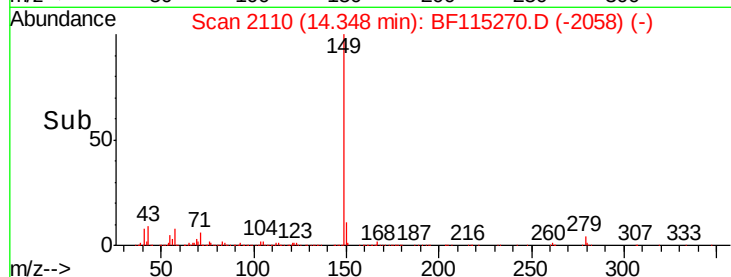
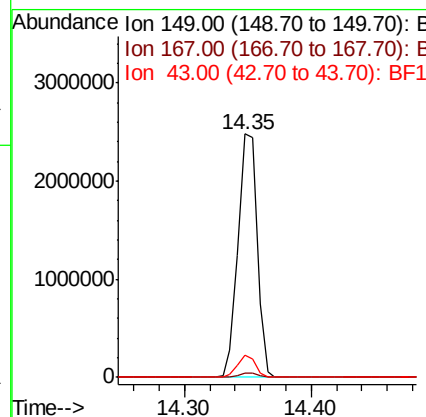
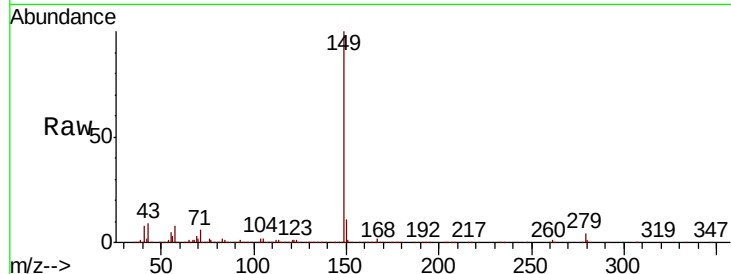
#85
Di-n-octyl phthalate
Concen: 54.474 ng
RT: 14.35 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.6	7.0	10.6

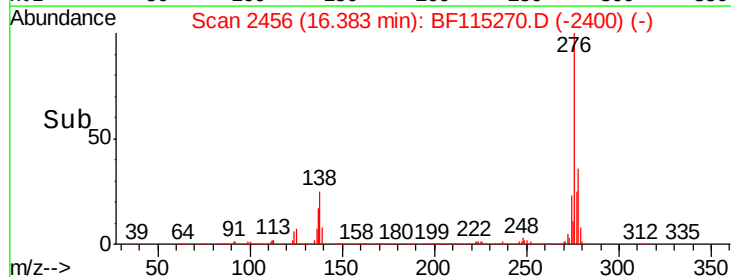
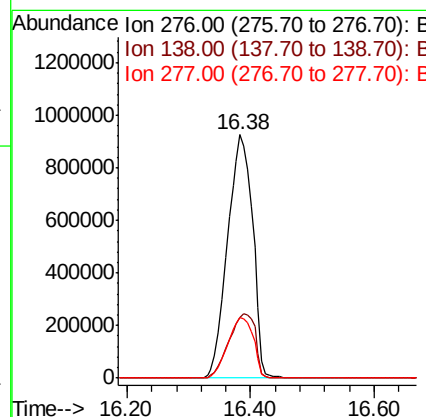
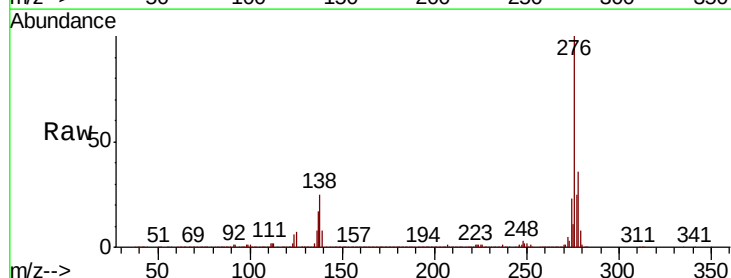
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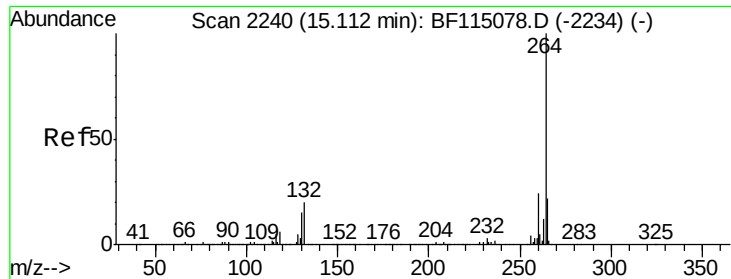
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.907 ng
RT: 16.38 min Scan# 2456
Delta R.T. 0.03 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.2	34.8
277	25.6	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. 0.02 min

Lab File: BF115270.D

Acq: 28 Jun 2019 10:07

Instrument :

BNA_F

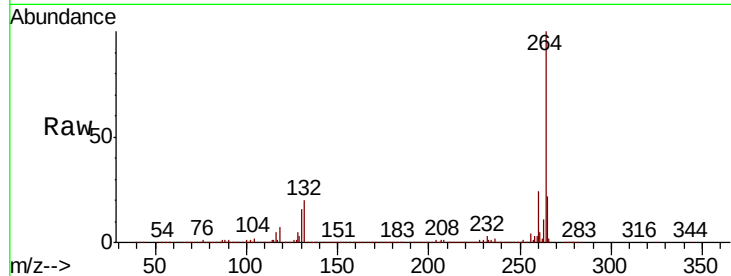
ClientSampleId :

PB120885BS

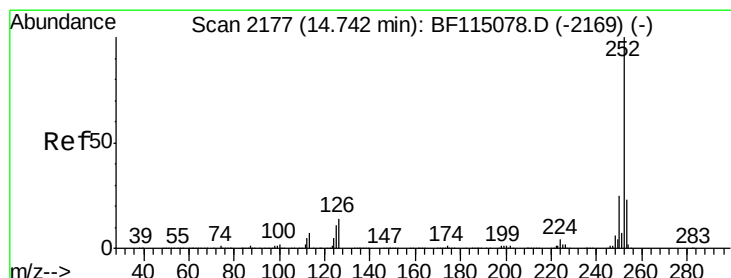
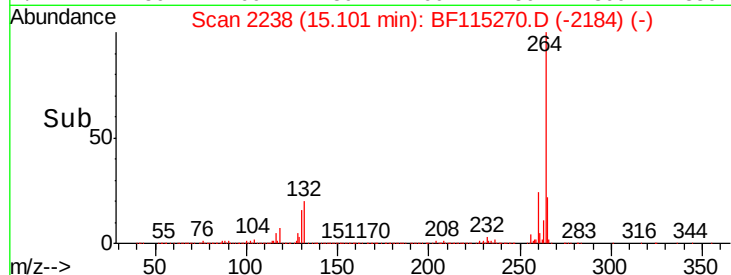
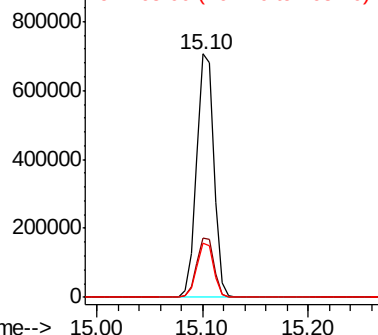
Tot Ion:	264	Resp:	801526
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.6	29.4
265	22.1	17.3	25.9

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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: 47.458 ng

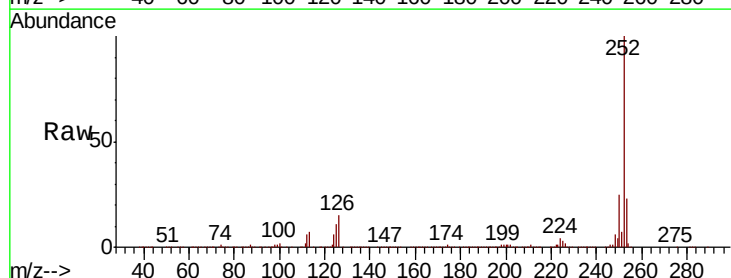
RT: 14.74 min Scan# 2176

Delta R.T. 0.02 min

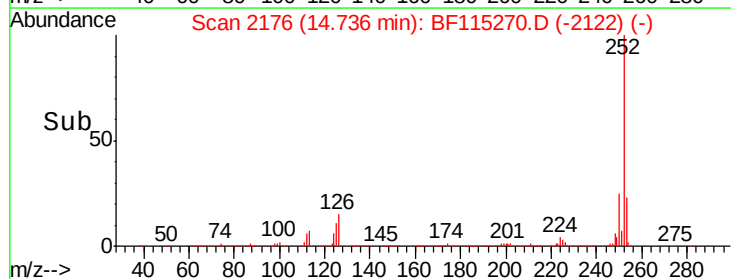
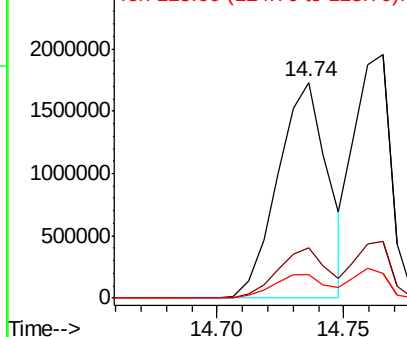
Lab File: BF115270.D

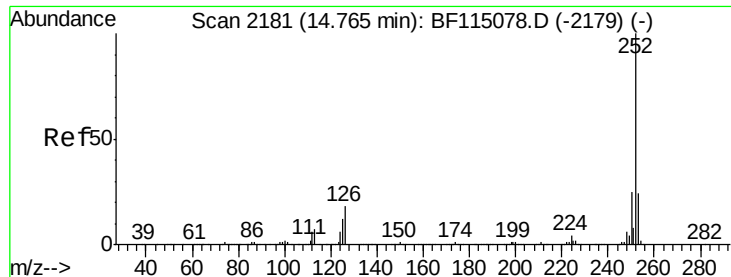
Acq: 28 Jun 2019 10:07

Tgt Ion:	252	Resp:	2373502
Ion Ratio	Lower	Upper	
252	100		
253	23.2	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





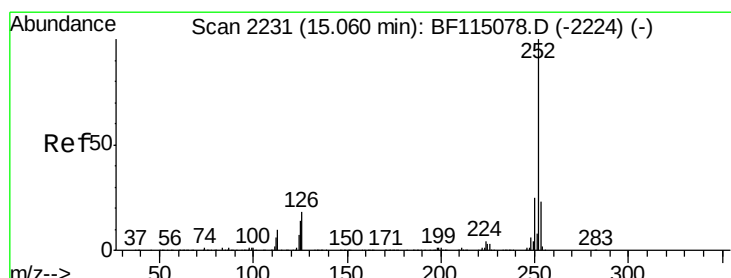
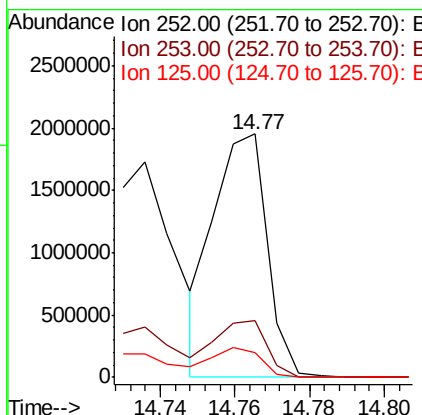
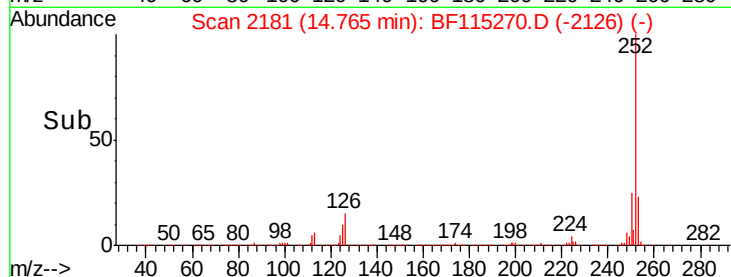
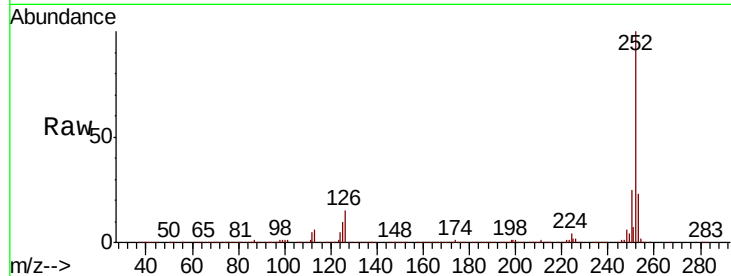
#89
Benzo(k)fluoranthene
Concen: 43.735 ng m
RT: 14.77 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	10.1	10.2	15.2

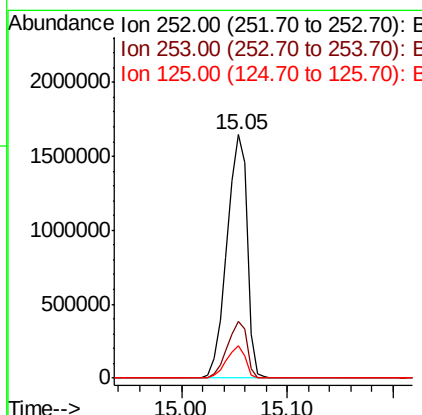
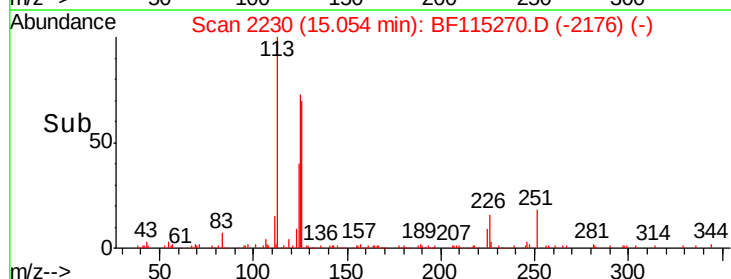
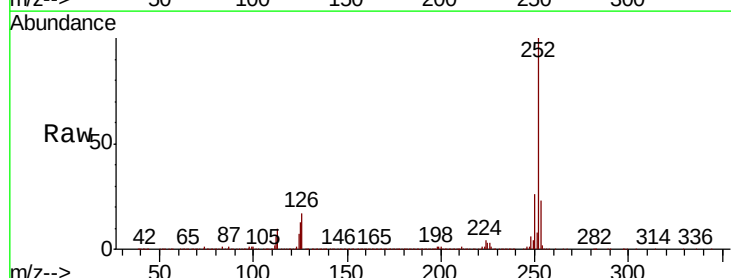
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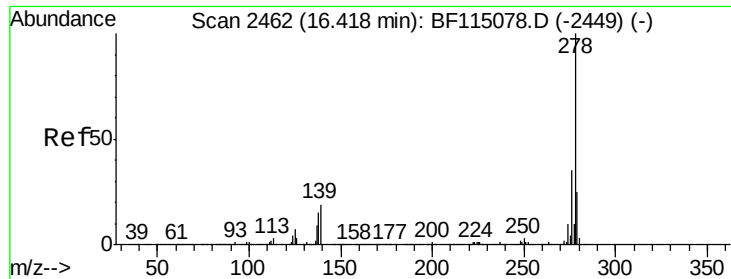
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#90
Benzo(a)pyrene
Concen: 48.248 ng
RT: 15.05 min Scan# 2230
Delta R.T. 0.02 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	13.2	10.9	16.3





#91
Dibenzo(a,h)anthracene
Concen: 49.856 ng
RT: 16.41 min Scan# 2460
Delta R.T. 0.04 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

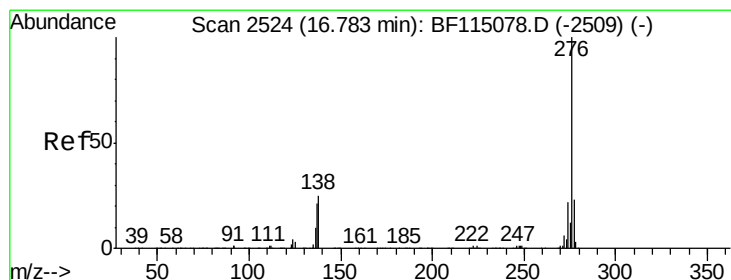
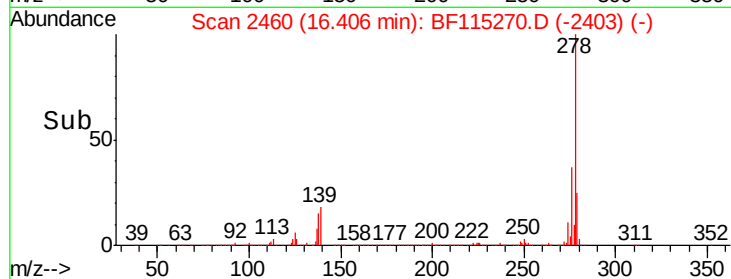
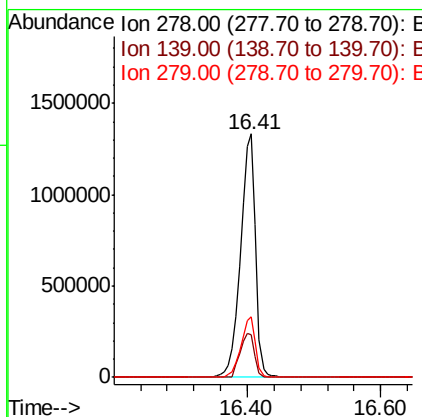
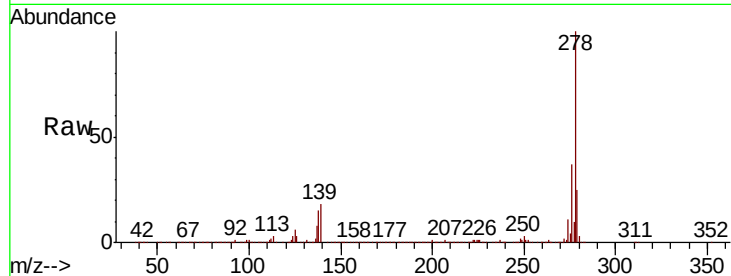
Instrument :
BNA_F
ClientSampleId :
PB120885BS

Tot Ion:278 Resp: 2098079

Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.4	23.2
279	24.7	19.9	29.9

Manual Integrations
APPROVED

mohammad
7/1/2019 3:05:34 PM



#92
Benzo(g,h,i)perylene
Concen: 52.370 ng
RT: 16.77 min Scan# 2522
Delta R.T. 0.04 min
Lab File: BF115270.D
Acq: 28 Jun 2019 10:07

Tgt Ion:276 Resp: 2230576

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	23.9	19.8	29.6

