

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115896.D
 Acq On : 1 Aug 2019 10:03
 Operator : HP/JU
 Sample : PB121854BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Manual Integrations
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mohammad
 8/5/2019 1:47:46 PM

Quant Time: Aug 01 13:52:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146853	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	600475	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	322551	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	550458	20.00	ng	0.00
76) Chrysene-d12	14.03	240	377514	20.00	ng	0.00
87) Perylene-d12	15.50	264	332976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1003752	114.42	ng	0.02
7) Phenol-d6	6.50	99	1290826	116.63	ng	0.01
23) Nitrobenzene-d5	7.42	82	844421	81.17	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	356677	114.06	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1489716	86.51	ng	0.00
79) Terphenyl-d14	12.97	244	1538836	85.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	185891	41.946	ng	99
3) Pyridine	3.47	79	478152	38.624	ng	99
4) n-Nitrosodimethylamine	3.43	42	210108	43.007	ng	96
6) Aniline	6.52	93	506662	31.965	ng	# 89
8) 2-Chlorophenol	6.65	128	442436	45.610	ng	100
9) Benzaldehyde	6.40	77	257220	33.683	ng	99
10) Phenol	6.51	94	560754	43.024	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	424236	44.273	ng	97
12) 1,3-Dichlorobenzene	6.80	146	475575	42.422	ng	99
13) 1,4-Dichlorobenzene	6.87	146	481941	42.935	ng	98
14) 1,2-Dichlorobenzene	7.03	146	444625	43.018	ng	100
15) Benzyl Alcohol	7.00	79	387732	46.163	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	559240	42.787	ng	95
17) 2-Methylphenol	7.11	107	377904	46.009	ng	99
18) Hexachloroethane	7.37	117	177209	42.879	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	302953	44.172	ng	98
20) 3+4-Methylphenols	7.26	107	443971	45.676	ng	# 88
22) Acetophenone	7.26	105	597115	45.342	ng	97
24) Nitrobenzene	7.43	77	493558	43.940	ng	100
25) Isophorone	7.67	82	885546	44.519	ng	100
26) 2-Nitrophenol	7.75	139	245563	46.378	ng	100
27) 2,4-Dimethylphenol	7.79	122	400609	50.290	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	544423	44.158	ng	99
29) 2,4-Dichlorophenol	8.00	162	388653	46.208	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	411868	42.958	ng	99
31) Naphthalene	8.16	128	1281333	45.346	ng	99
32) Benzoic acid	7.93	122	237010	42.201	ng	99
33) 4-Chloroaniline	8.20	127	336437	26.647	ng	100
34) Hexachlorobutadiene	8.27	225	232075	42.024	ng	99
35) Caprolactam	8.59	113	118582m	43.591	ng	
36) 4-Chloro-3-methylphenol	8.70	107	406371	46.442	ng	96
37) 2-Methylnaphthalene	8.86	142	862640	46.354	ng	98
38) 1-Methylnaphthalene	8.95	142	807794	45.883	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	383160	44.434	ng	98

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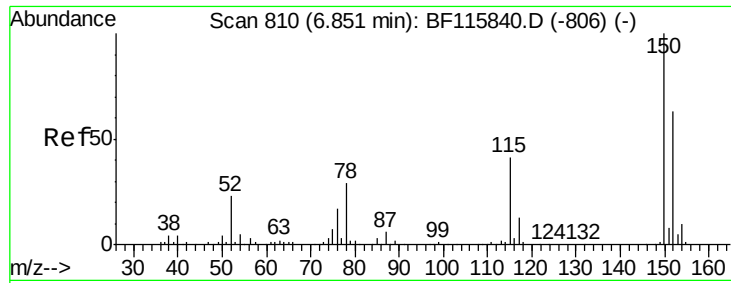
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	260235	68.170	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	257600	43.401	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	275524	44.907	ng	97
46) 1,1'-Biphenyl	9.32	154	1022132	44.885	ng	99
47) 2-Chloronaphthalene	9.35	162	804548	42.450	ng	98
48) 2-Nitroaniline	9.44	65	258635	41.285	ng	91
49) Acenaphthylene	9.76	152	1249888	45.203	ng	100
50) Dimethylphthalate	9.62	163	948138	43.172	ng	99
51) 2,6-Dinitrotoluene	9.68	165	212391	44.501	ng	# 85
52) Acenaphthene	9.93	154	746845	44.027	ng	99
53) 3-Nitroaniline	9.85	138	166040	28.155	ng	92
54) 2,4-Dinitrophenol	9.97	184	165160	69.206	ng	95
55) Dibenzofuran	10.10	168	1098319	44.522	ng	97
56) 4-Nitrophenol	10.03	139	302115	79.970	ng	98
57) 2,4-Dinitrotoluene	10.09	165	281679	44.327	ng	95
58) Fluorene	10.45	166	841605	44.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	223120	43.225	ng	99
60) Diethylphthalate	10.32	149	882415	43.035	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	420247	43.720	ng	99
62) 4-Nitroaniline	10.47	138	227640	37.351	ng	96
63) Azobenzene	10.60	77	936095	44.386	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	130702	44.806	ng	88
66) n-Nitrosodiphenylamine	10.56	169	758739	45.795	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	259696	44.071	ng	96
68) Hexachlorobenzene	11.00	284	289127	42.432	ng	98
69) Atrazine	11.09	200	237081	43.496	ng	99
70) Pentachlorophenol	11.20	266	285755	86.380	ng	98
71) Phenanthrene	11.41	178	1240724	44.090	ng	99
72) Anthracene	11.46	178	1271758	44.655	ng	98
73) Carbazole	11.62	167	1121221	43.394	ng	100
74) Di-n-butylphthalate	11.94	149	1334011	44.259	ng	100
75) Fluoranthene	12.60	202	1272190	43.183	ng	99
77) Benzidine	12.72	184	514004	40.301	ng	98
78) Pyrene	12.83	202	1290219	45.338	ng	100
80) Butylbenzylphthalate	13.44	149	551529	45.817	ng	97
81) Benzo(a)anthracene	14.02	228	1052046	43.600	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	285029	34.001	ng	# 98
83) Chrysene	14.06	228	1013761	43.275	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	729301	46.622	ng	100
85) Di-n-octyl phthalate	14.61	149	1129800	45.471	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	817444	41.547	ng	99
88) Benzo(b)fluoranthene	15.07	252	945886	49.129	ng	# 97
89) Benzo(k)fluoranthene	15.10	252	834268	44.488	ng	100
90) Benzo(a)pyrene	15.44	252	821174	47.713	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	663095	44.510	ng	98
92) Benzo(g,h,i)perylene	17.43	276	685937	46.882	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

PB121854BSD

Tot Ion:152 Resp: 146853

Ion Ratio Lower Upper

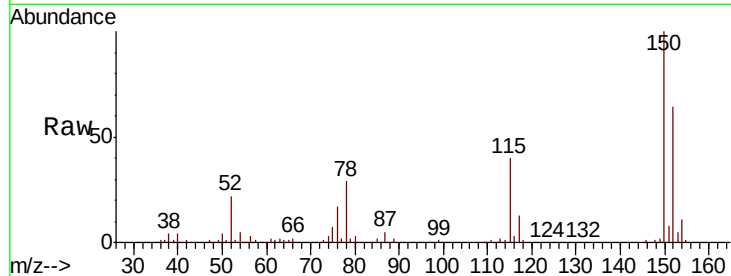
152 100

150 156.9 127.4 191.0

115 63.2 51.8 77.8

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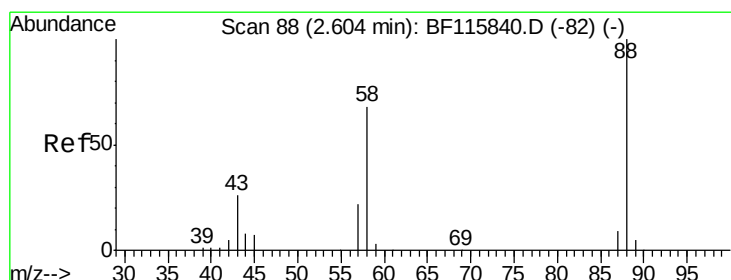
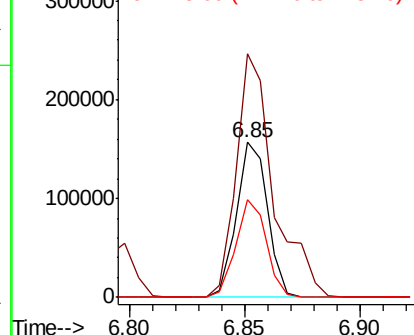
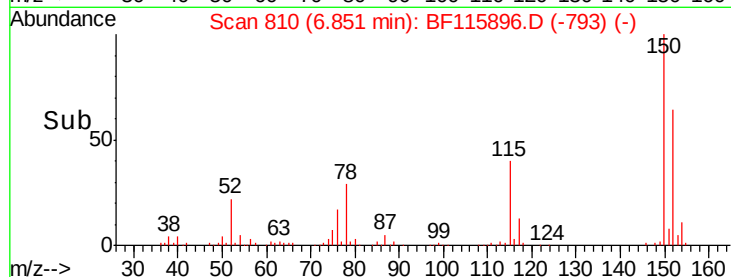


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.946 ng

RT: 2.74 min Scan# 111

Delta R.T. 0.14 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

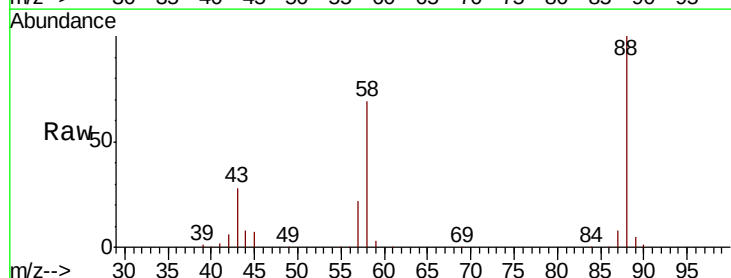
Tgt Ion: 88 Resp: 185891

Ion Ratio Lower Upper

88 100

58 67.9 54.1 81.1

43 26.5 20.7 31.1

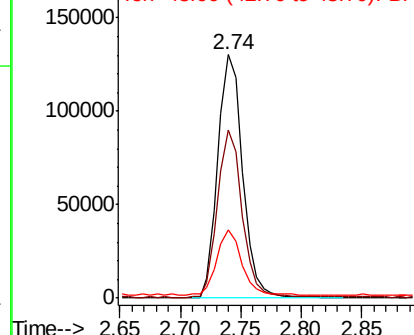
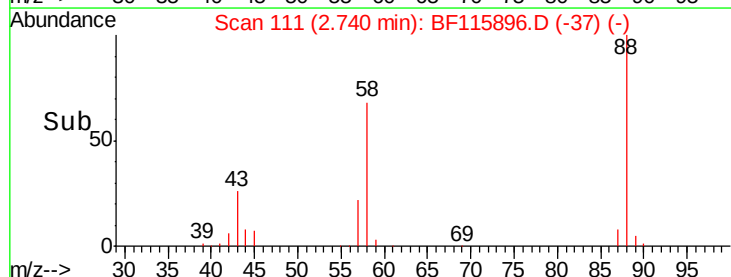


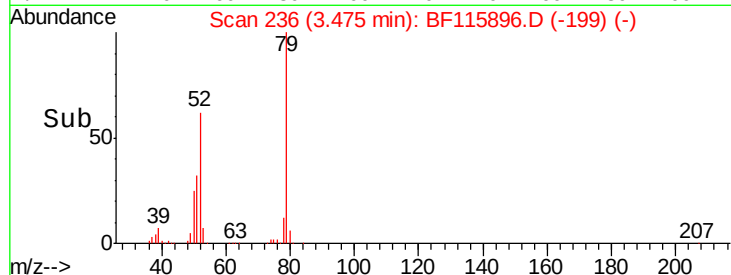
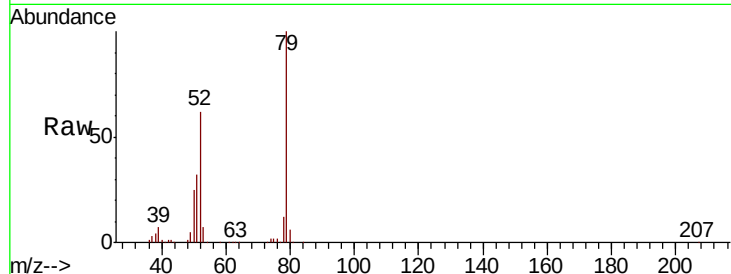
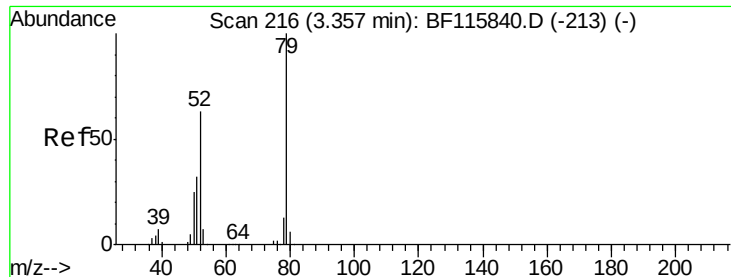
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





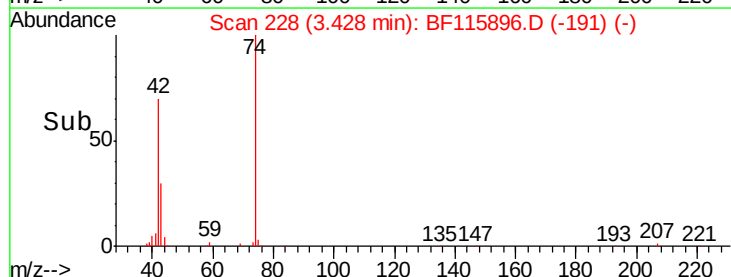
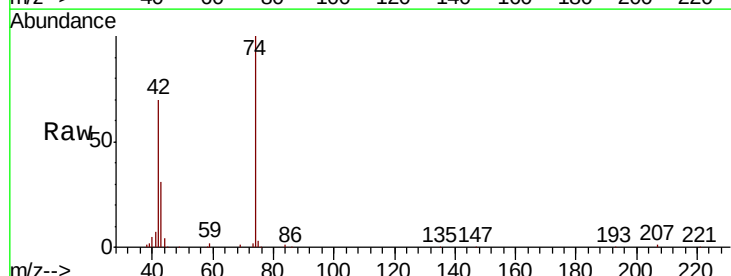
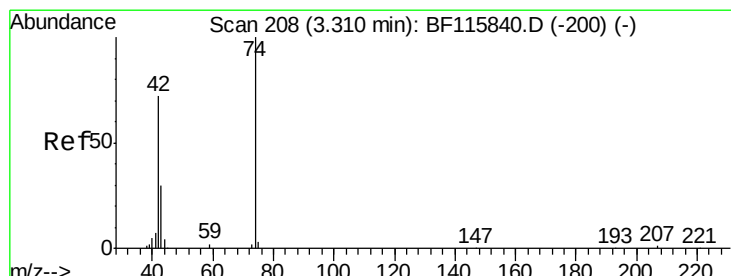
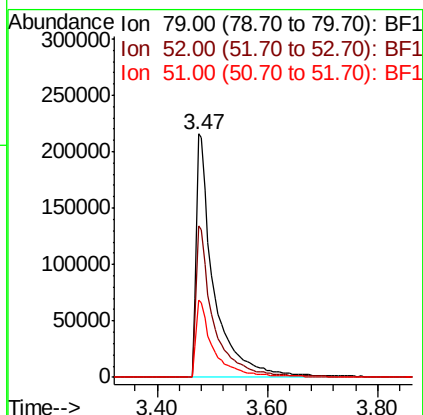
#3
 Pvridine
 Concen: 38.624 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.12 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100	478152		
52	62.4		50.2	75.4
51	31.7		25.8	38.6

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

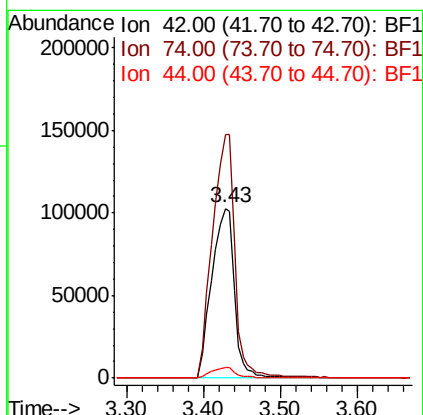
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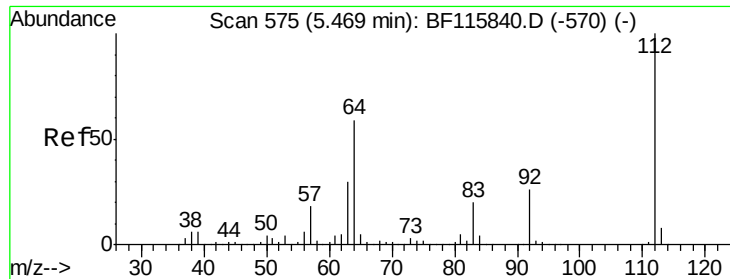
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#4
 n-Nitrosodimethylamine
 Concen: 43.007 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.12 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	210108		
74	143.5		111.0	166.4
44	6.3		4.7	7.1





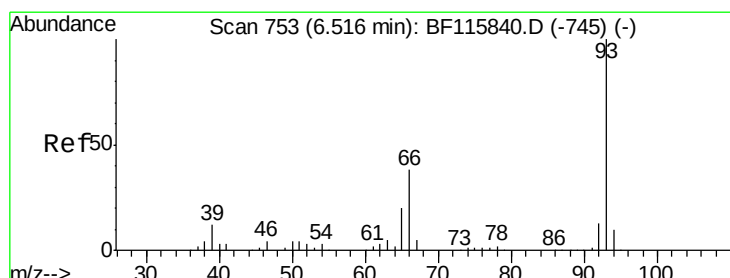
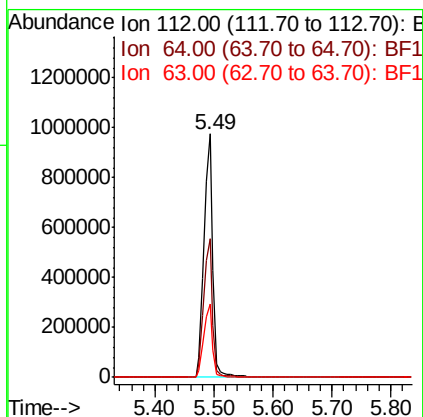
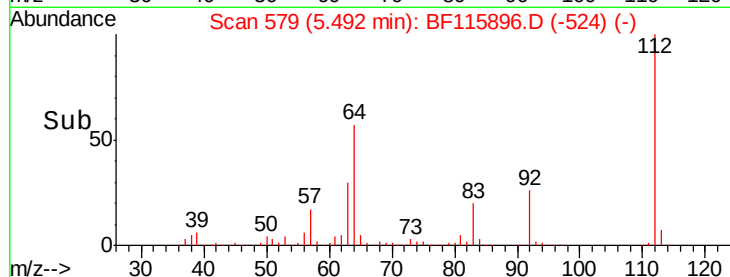
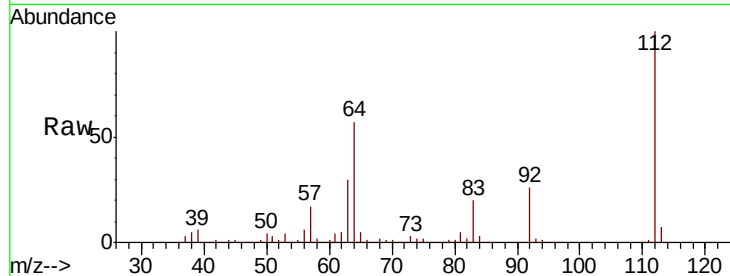
#5
2-Fluorophenol
Concen: 114.423 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.8	70.2
63	30.0	24.2	36.2

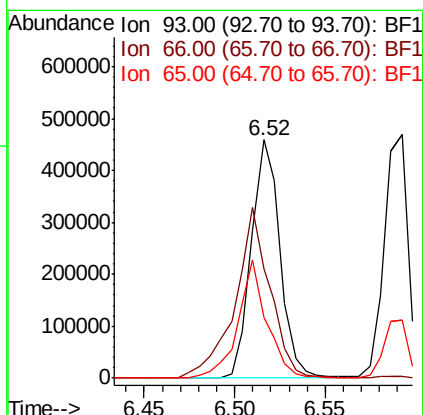
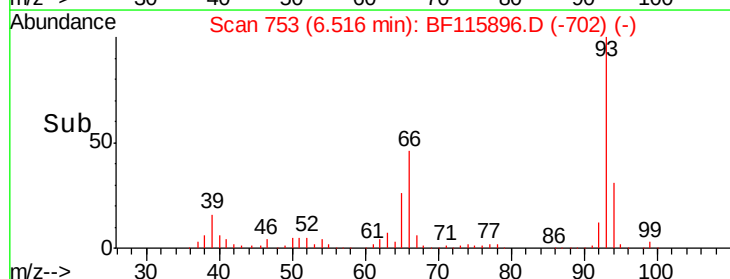
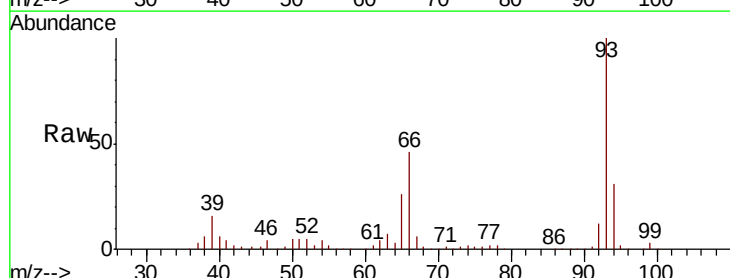
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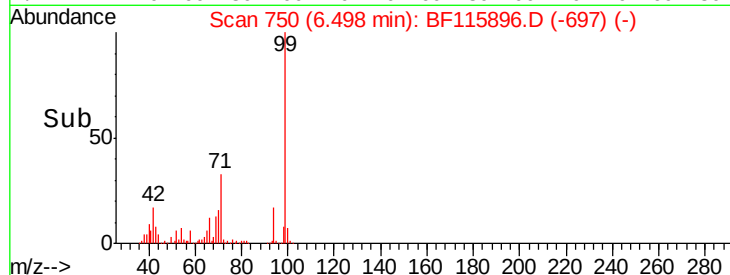
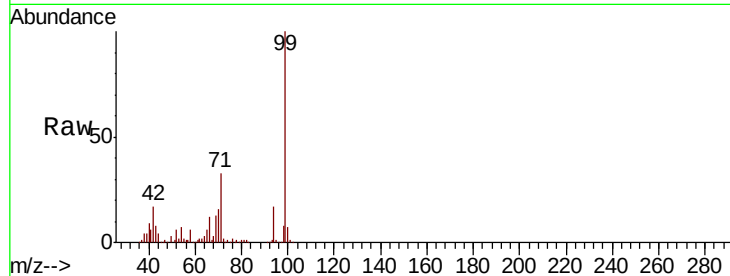
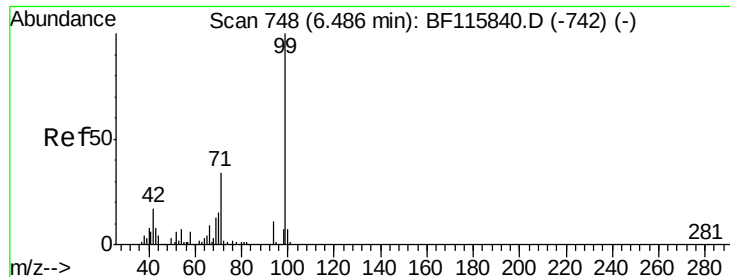
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#6
Aniline
Concen: 31.965 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.6	31.4	47.0
65	25.6	16.5	24.7





#7

Phenol-d6

Concen: 116.629 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tot Ion:	99	Resp:	1290826
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.2	27.1	40.7

Instrument :

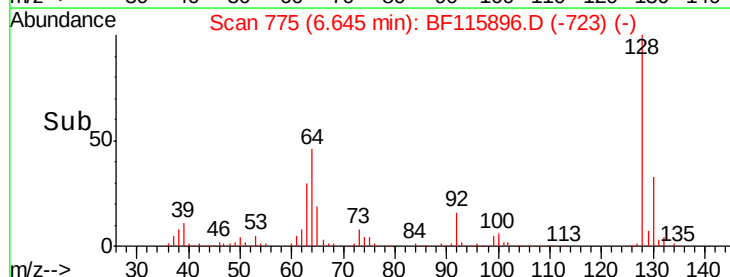
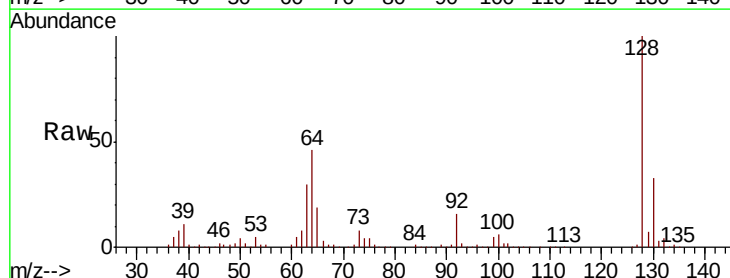
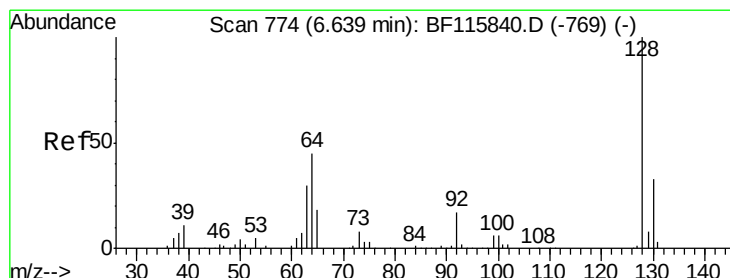
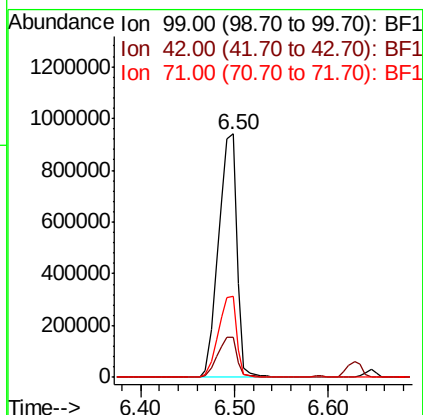
BNA_F

ClientSampleId :

PB121854BSD

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#8

2-Chlorophenol

Concen: 45.610 ng

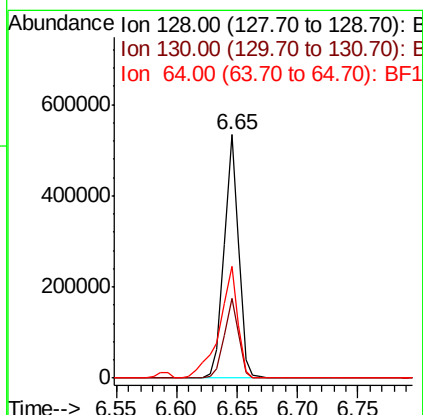
RT: 6.65 min Scan# 775

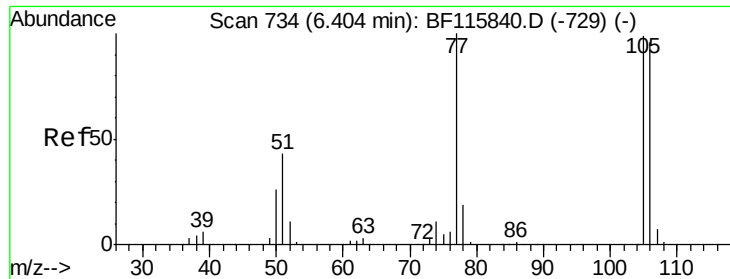
Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion:	128	Resp:	442436
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	46.1	26.1	66.1





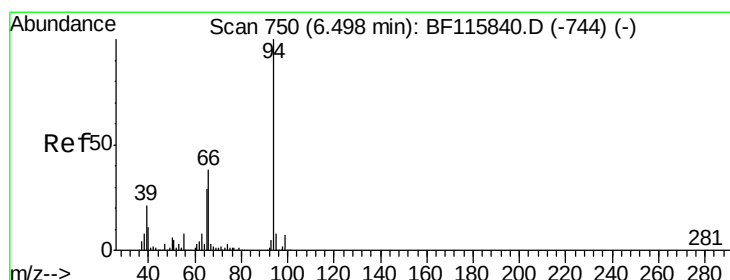
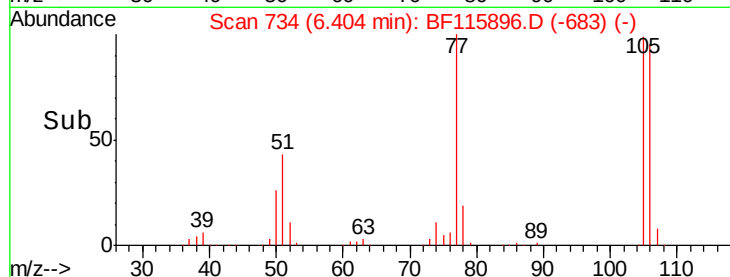
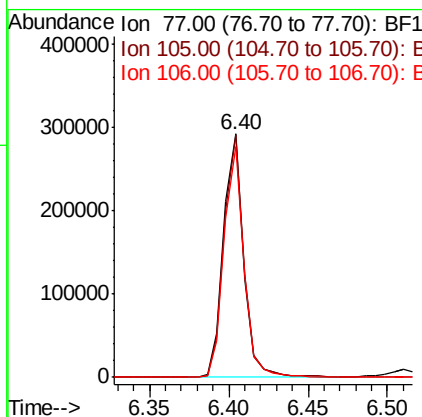
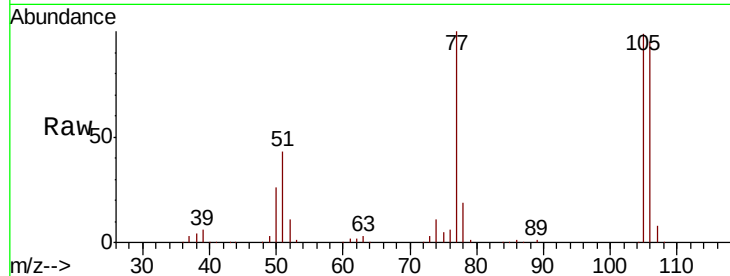
#9
Benzaldehyde
Concen: 33.683 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.3	79.0	119.0		
106	94.7	76.2	116.2		

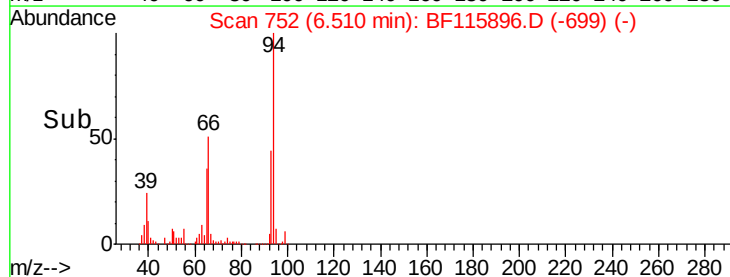
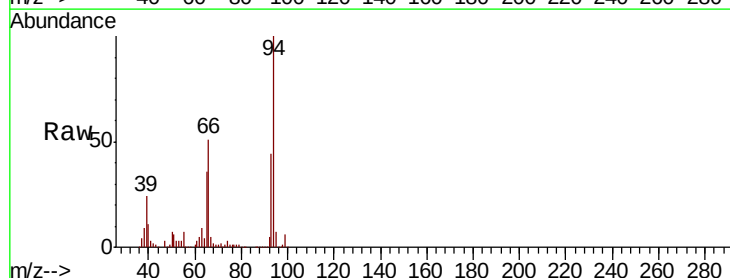
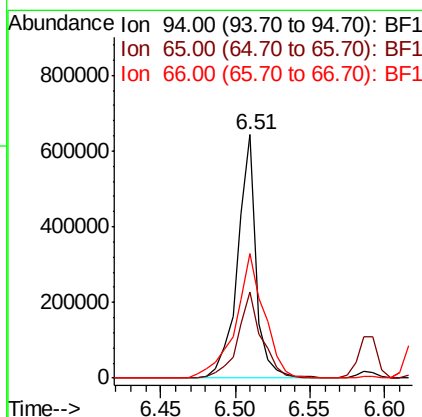
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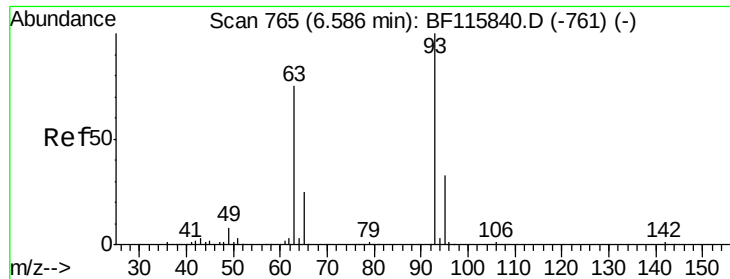
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#10
Phenol
Concen: 43.024 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.5	8.9	48.9		
66	51.0	18.0	58.0		





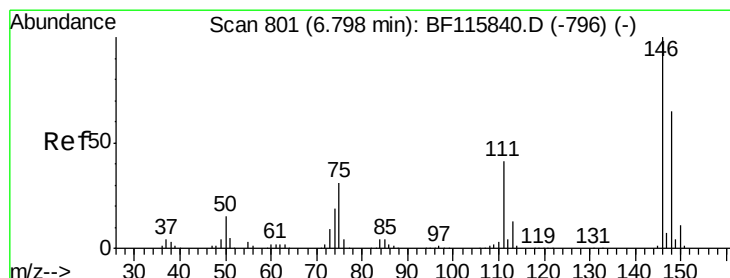
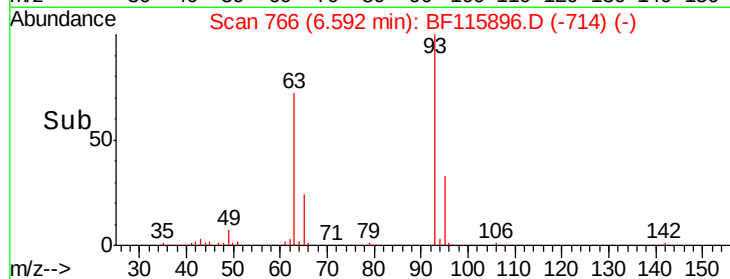
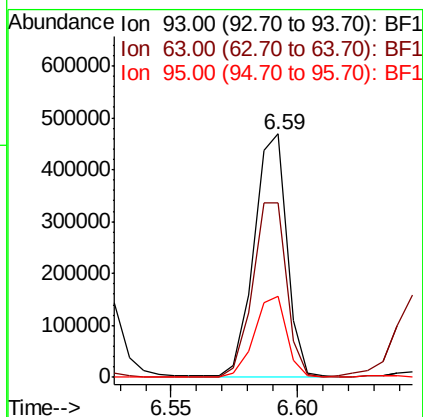
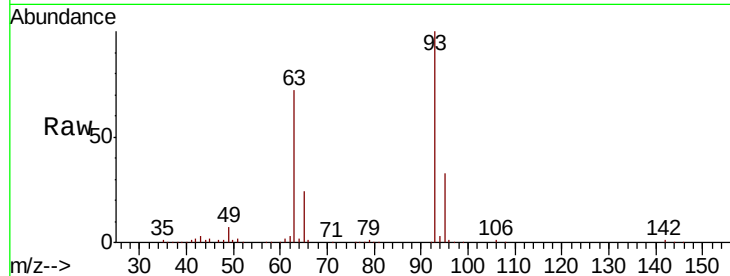
#11
bis(2-Chloroethyl)ether
Concen: 44.273 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion:	93	Resp:	424236
Ion Ratio	Lower	Upper	
93	100		
63	71.6	54.9	94.9
95	33.1	13.3	53.3

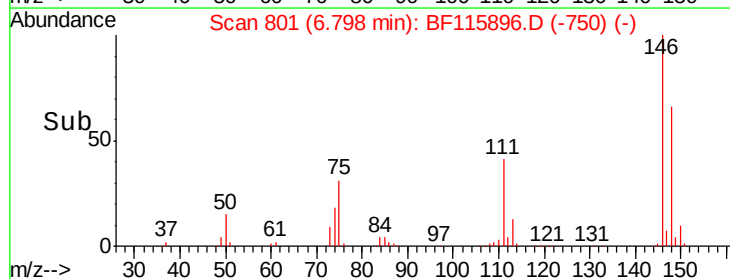
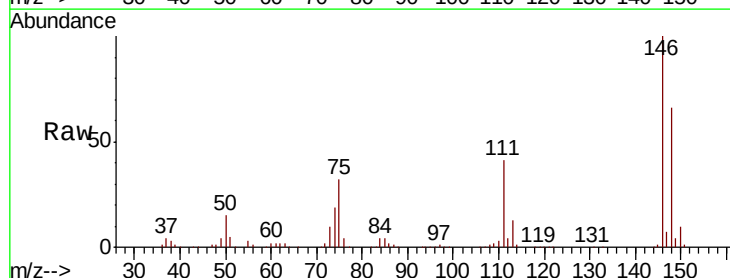
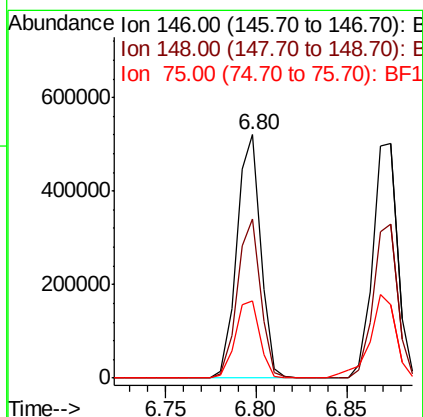
Manual Integrations
APPROVED

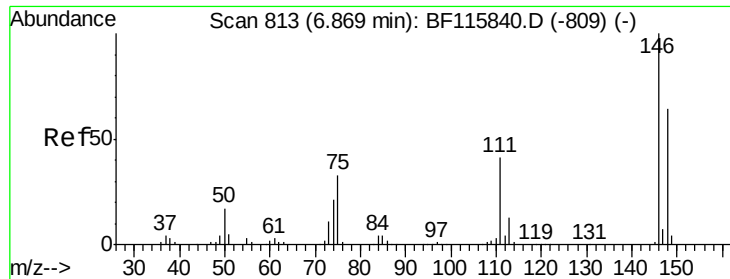
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.422 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:	146	Resp:	475575
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.1	78.1
75	31.8	25.0	37.6





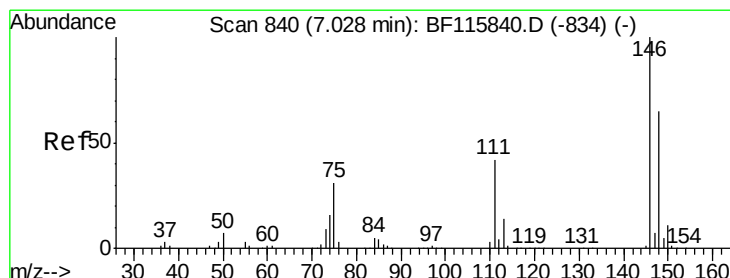
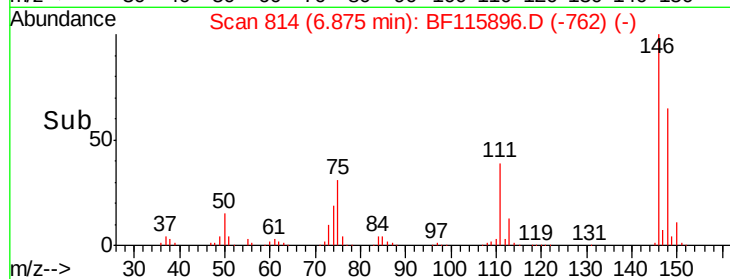
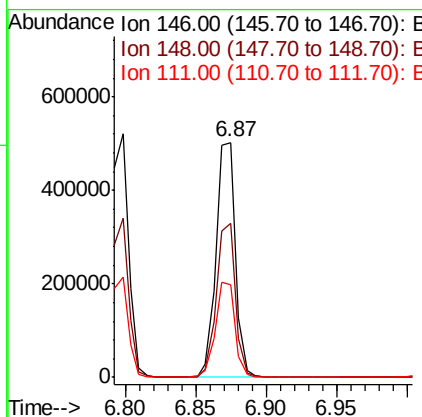
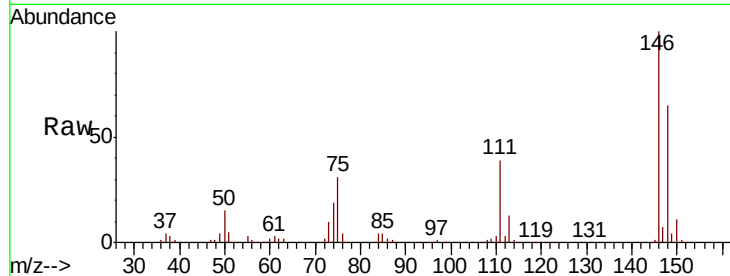
#13
 1,4-Dichlorobenzene
 Concen: 42.935 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	39.3	33.2	49.8

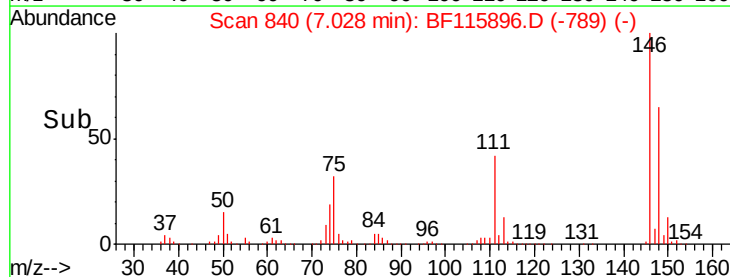
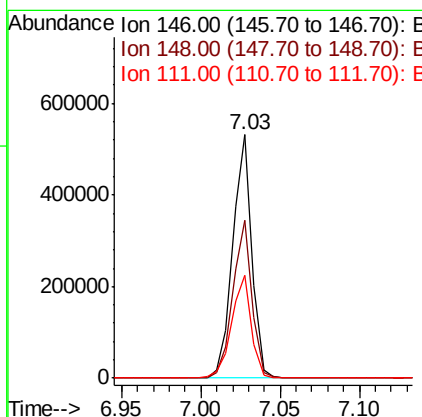
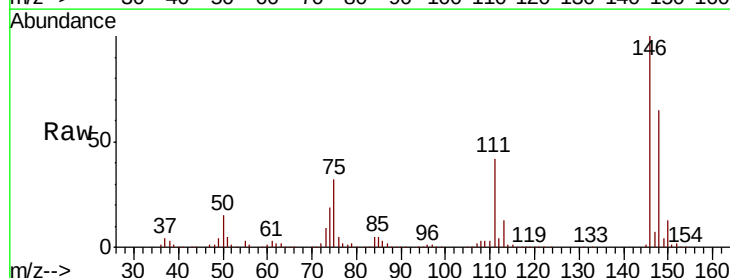
Manual Integrations
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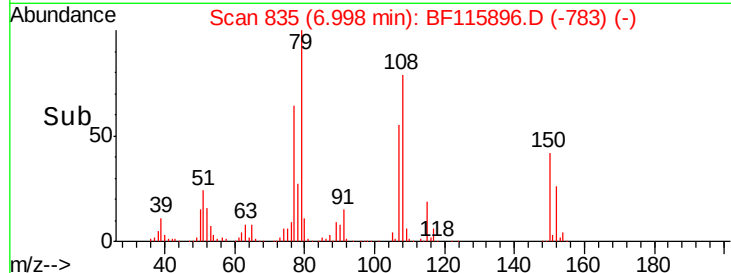
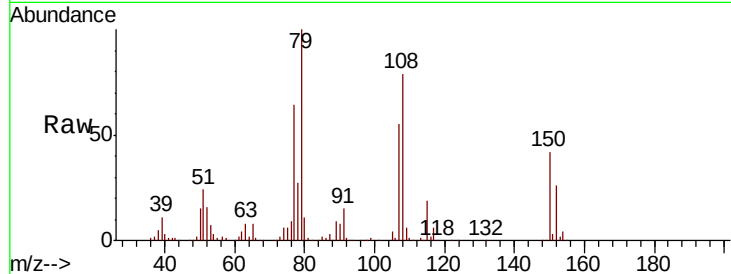
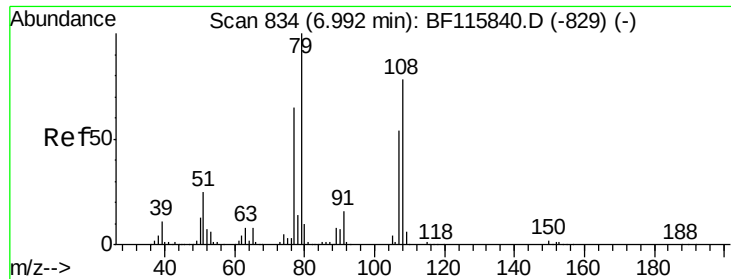
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#14
 1,2-Dichlorobenzene
 Concen: 43.018 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	42.3	33.6	50.4





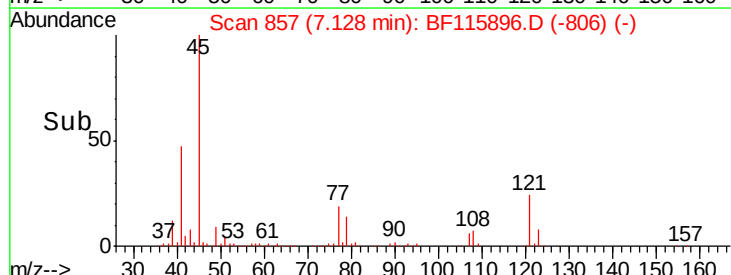
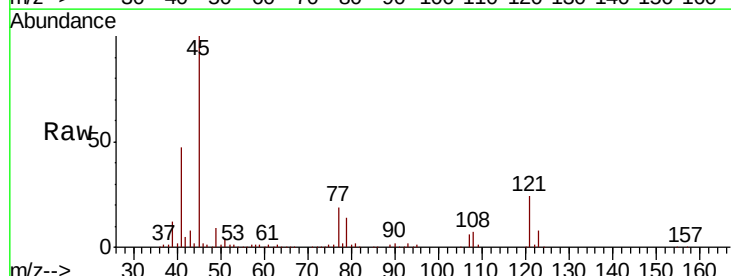
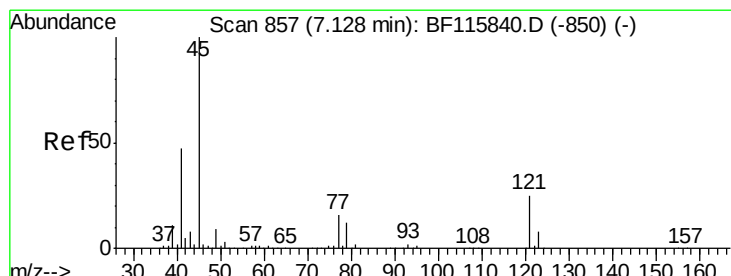
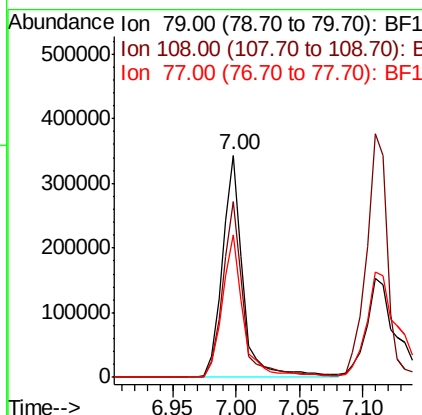
#15
Benzyl Alcohol
Concen: 46.163 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.3	62.8	94.2	
77	64.4	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

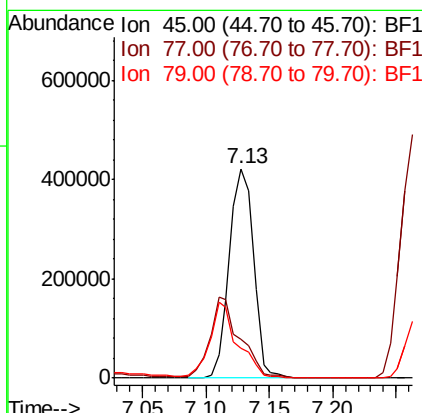
Manual Integrations
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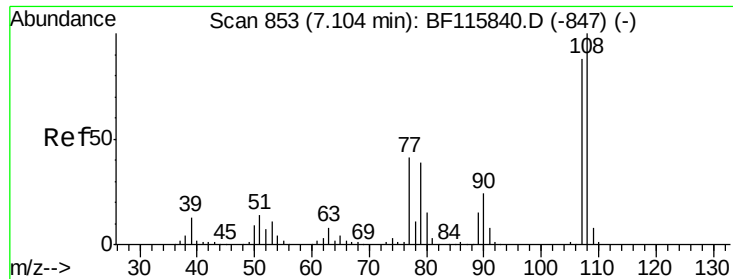
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.787 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.8	0.0	36.3	
79	14.5	0.0	32.5	





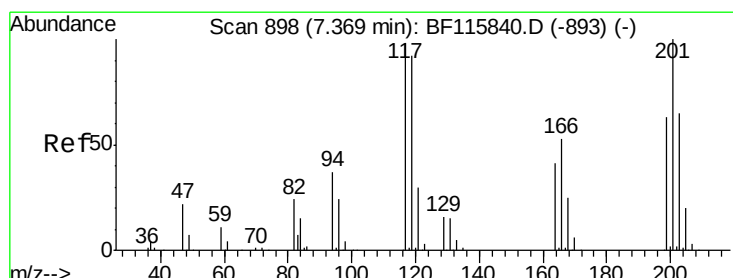
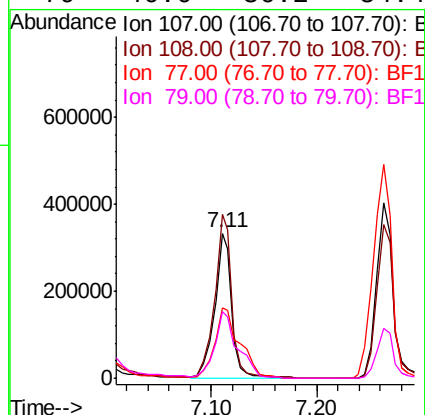
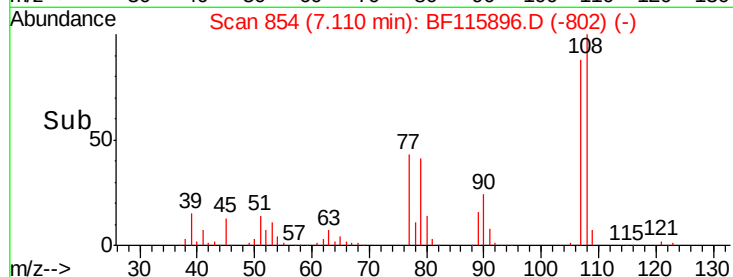
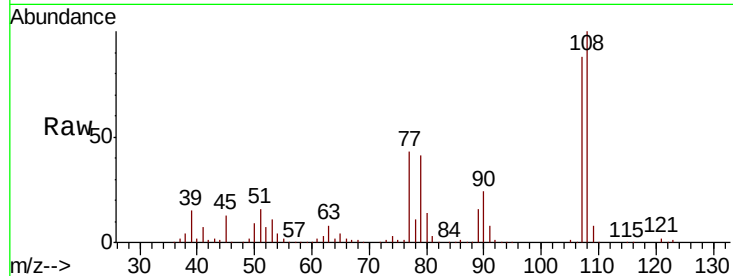
#17
2-Methylphenol
Concen: 46.009 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion:	107	Resp:	377904
Ion Ratio	Lower	Upper	
107	100		
108	113.1	91.4	137.0
77	48.9	37.6	56.4
79	46.0	36.2	54.4

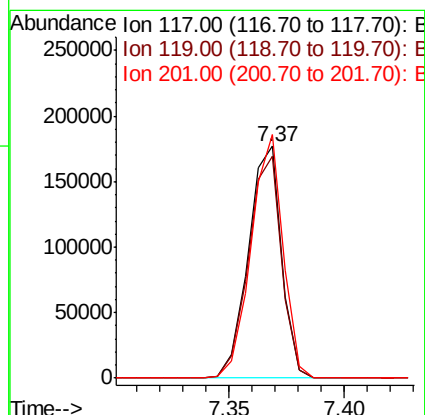
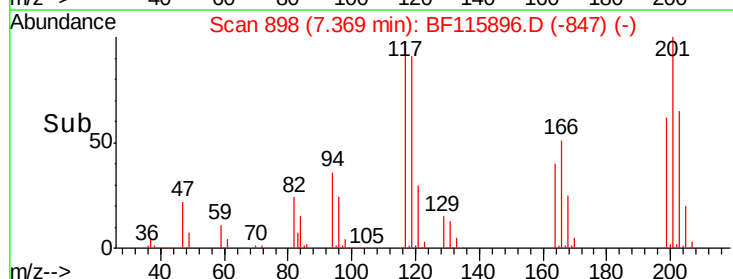
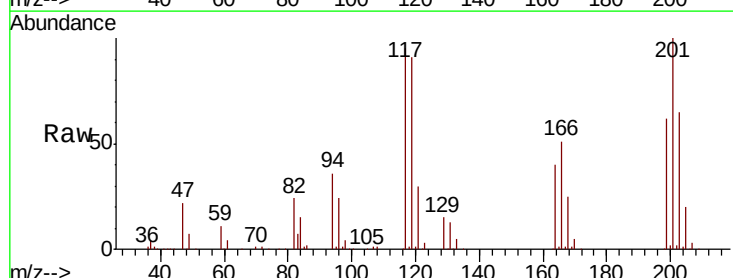
Manual Integrations
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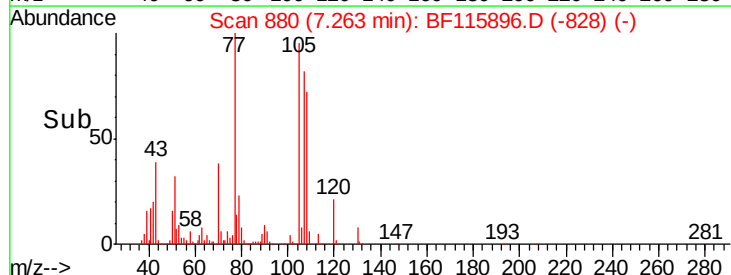
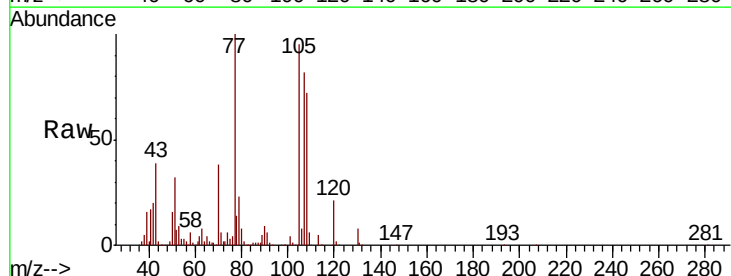
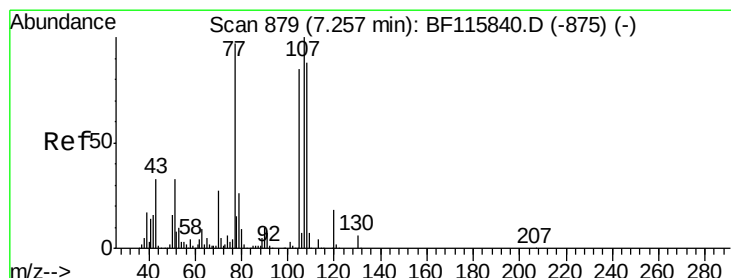
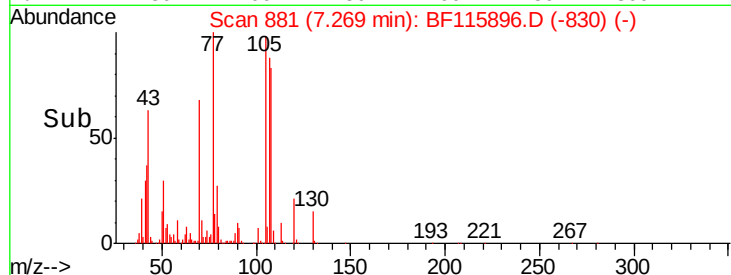
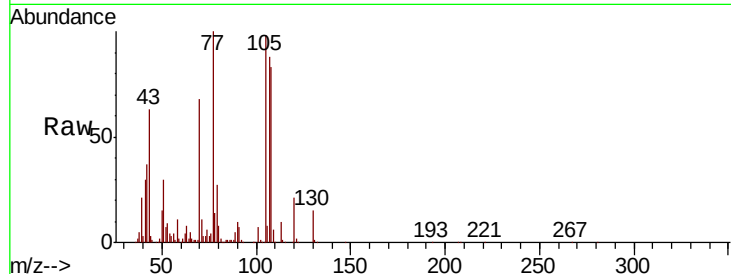
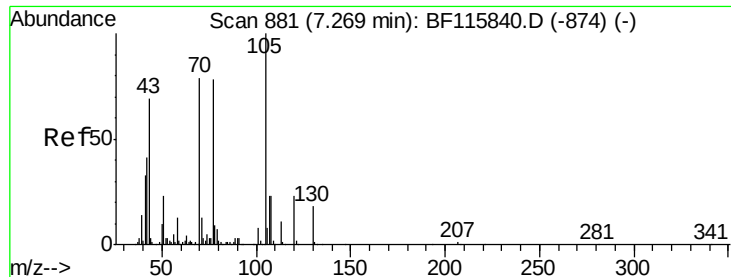
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#18
Hexachloroethane
Concen: 42.879 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

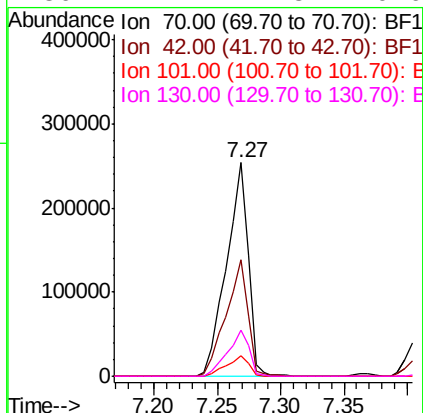
Tgt Ion:	117	Resp:	177209
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.8	113.6
201	105.0	82.0	123.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.172 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	54.7	41.8	62.8	
101	9.7	7.7	11.5	
130	21.7	17.8	26.6	



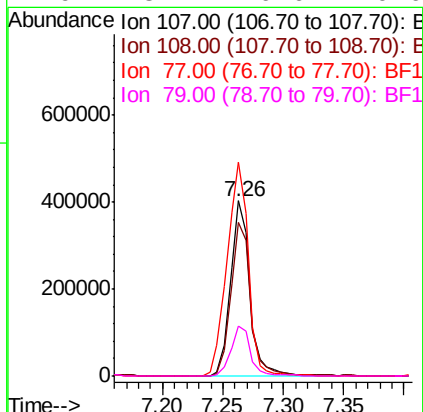
Instrument :
BNA_F
ClientSampleId :
PB121854BSD

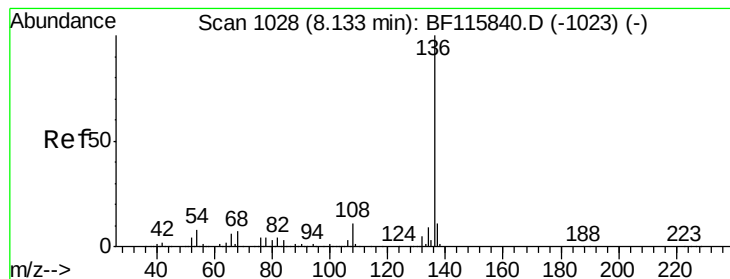
Manual Integrations
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#20
3+4-Methylphenols
Concen: 45.676 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.8	67.9	107.9	
77	122.0	77.3	117.3#	
79	28.4	6.6	46.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

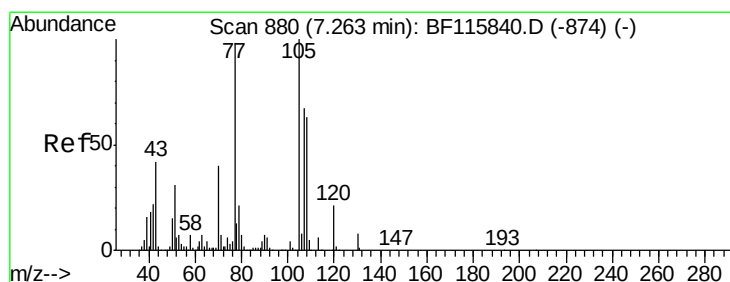
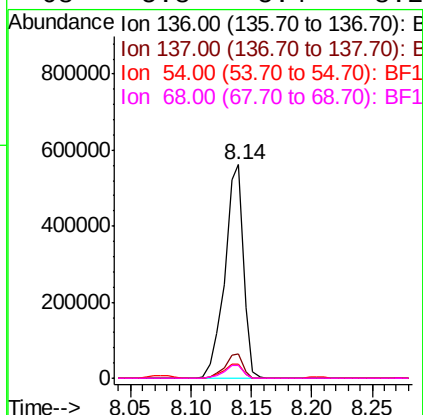
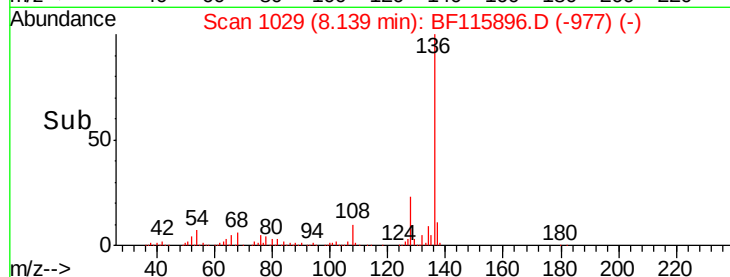
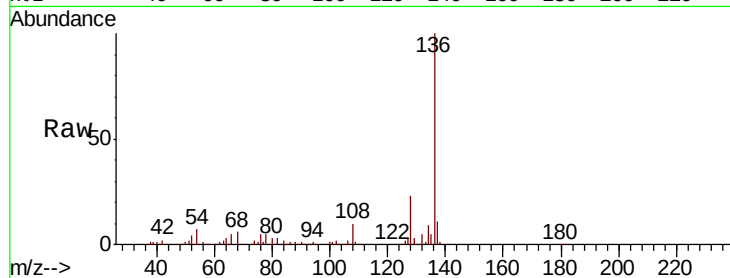
ClientSampleId :

PB121854BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		600475		
137	11.1		9.1	13.7	
54	6.6		6.1	9.1	
68	5.8		5.4	8.2	

Manual Integrations
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#22

Acetophenone

Concen: 45.342 ng

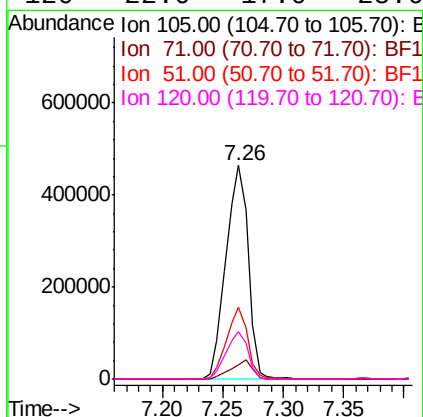
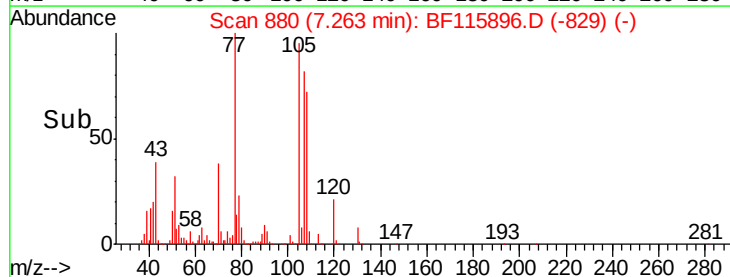
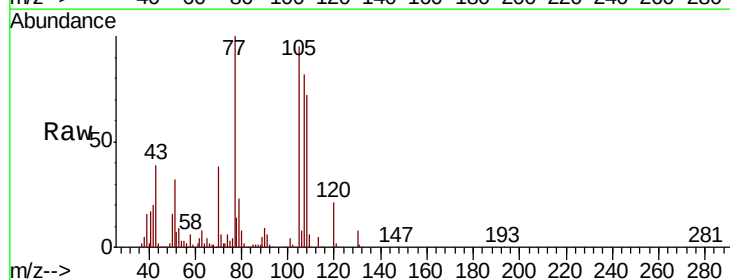
RT: 7.26 min Scan# 880

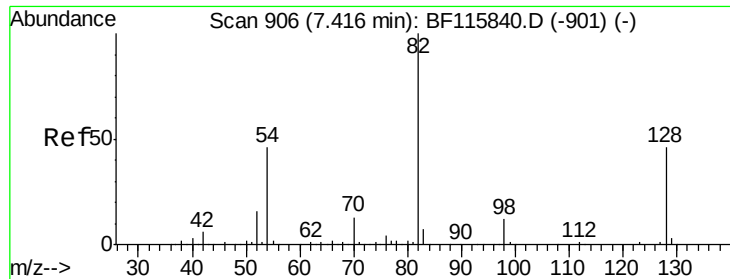
Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		597115		
71	6.7		5.4	8.0	
51	33.7		24.6	36.8	
120	22.0		17.0	25.6	





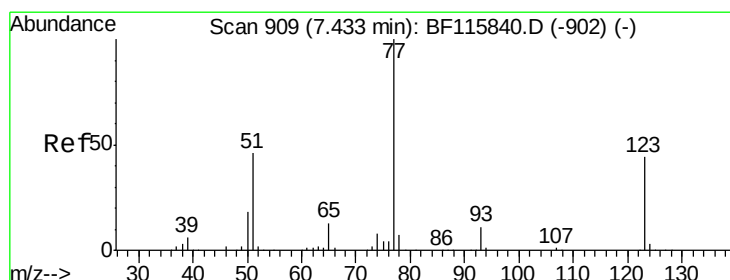
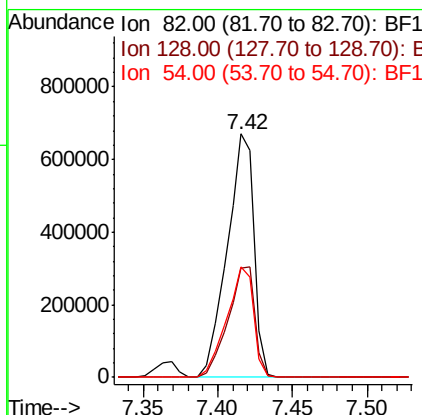
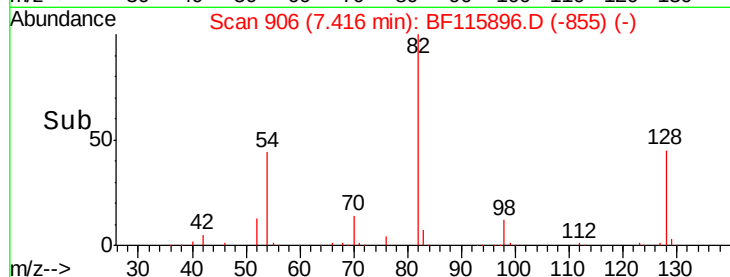
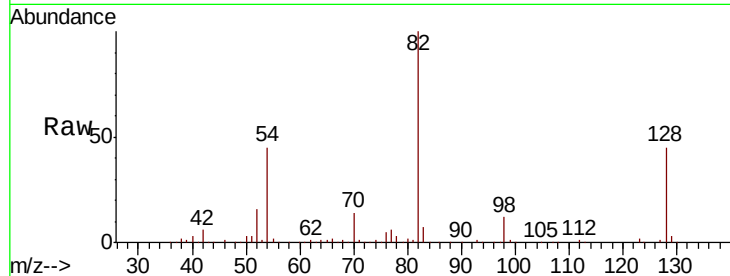
#23
 Nitrobenzene-d5
 Concen: 81.173 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	844421		
128	45.0	36.6	55.0	
54	45.4	36.6	55.0	

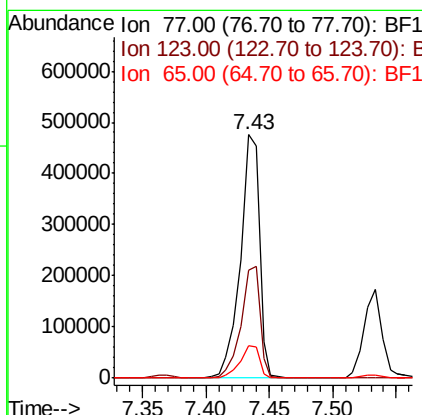
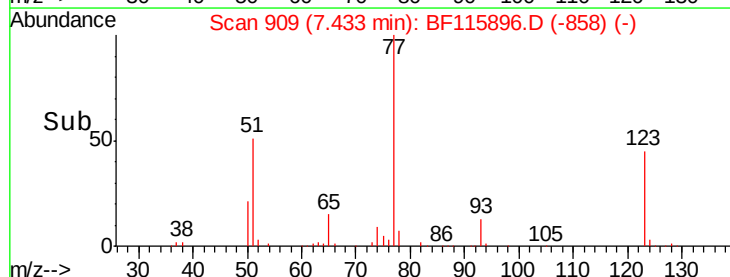
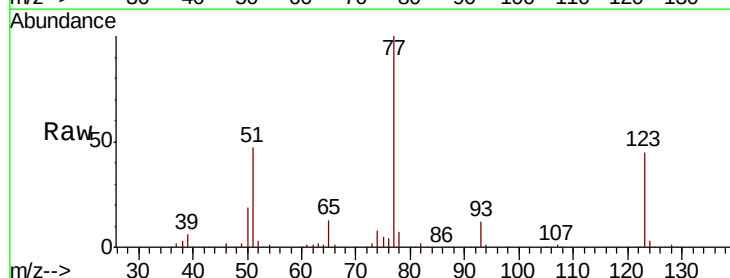
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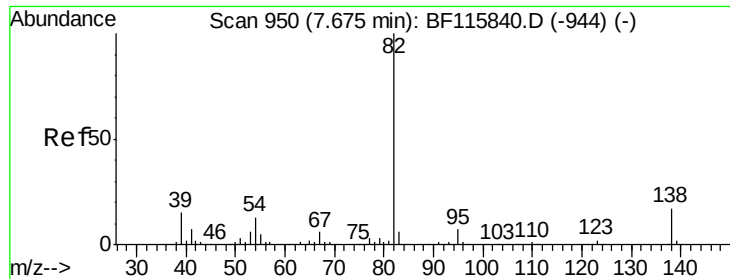
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#24
 Nitrobenzene
 Concen: 43.940 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	493558		
123	44.6	35.5	53.3	
65	13.3	10.6	15.8	





#25

Isophorone

Concen: 44.519 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

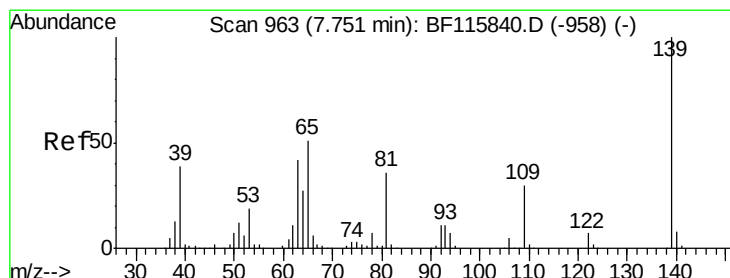
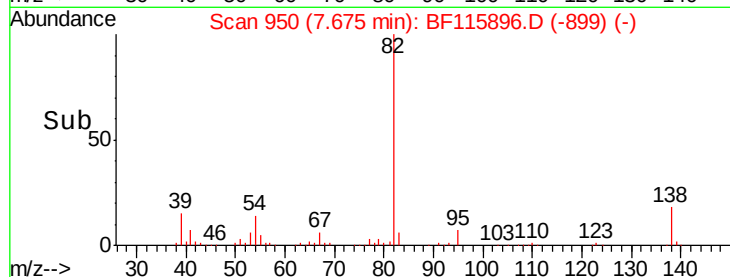
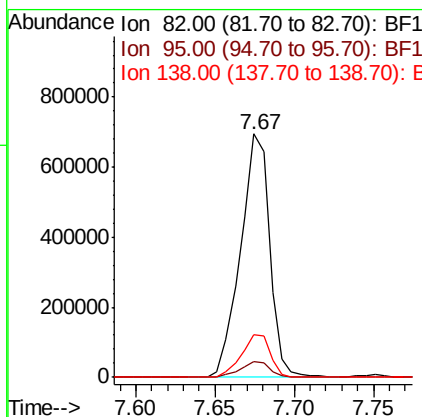
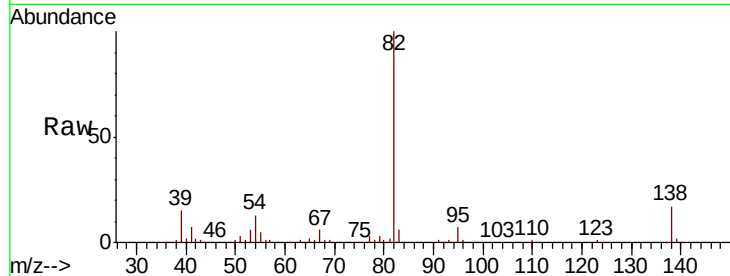
ClientSampleId :

PB121854BSD

Tot Ion:	82	Resp:	885546
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	17.3	13.9	20.9

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#26

2-Nitrophenol

Concen: 46.378 ng

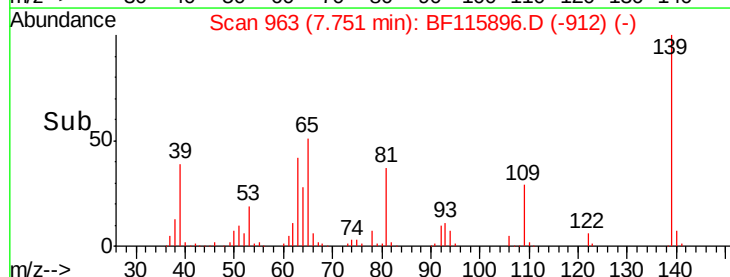
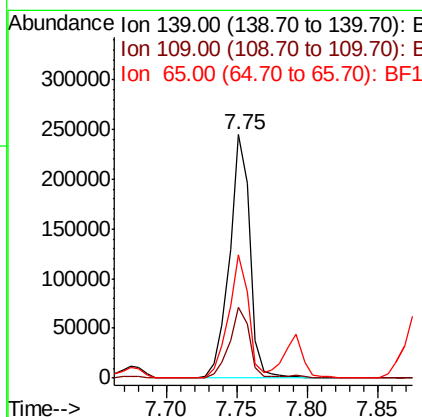
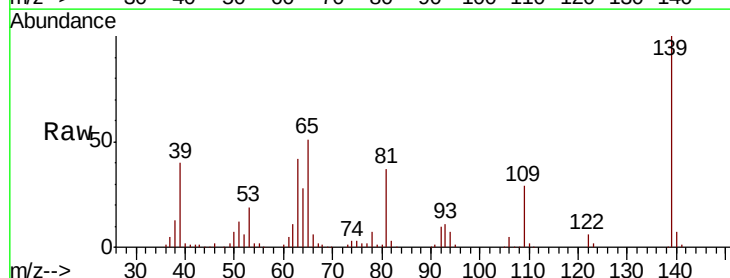
RT: 7.75 min Scan# 963

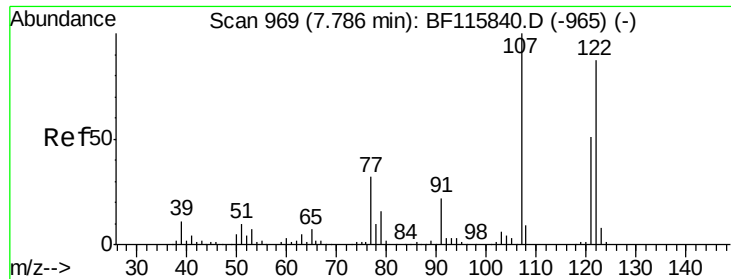
Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion:	139	Resp:	245563
Ion Ratio	Lower	Upper	
139	100		
109	29.1	23.6	35.4
65	50.9	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 50.290 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

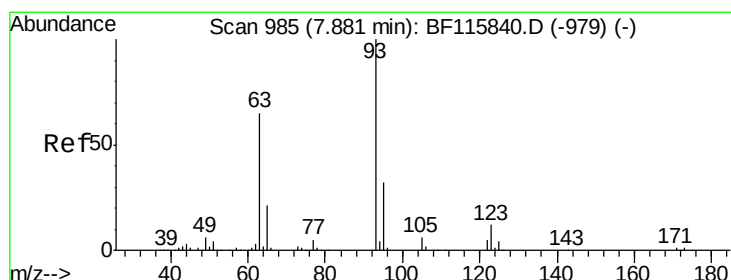
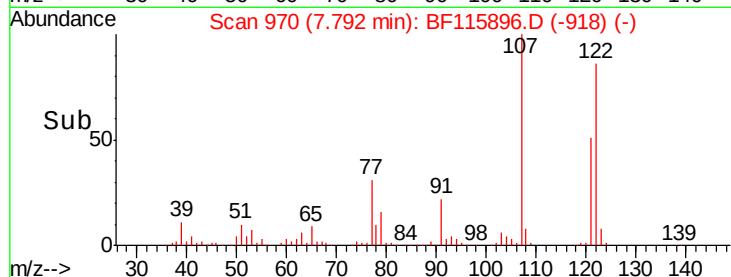
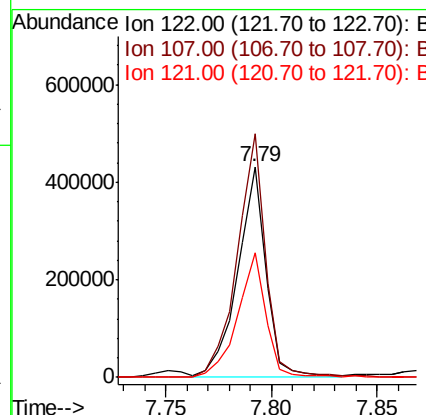
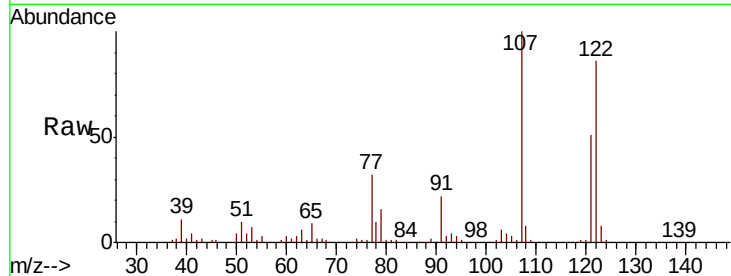
ClientSampleId :

PB121854BSD

Tot Ion:	122	Resp:	400609
Ion Ratio	Lower	Upper	
122	100		
107	115.8	91.7	137.5
121	59.5	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 44.158 ng

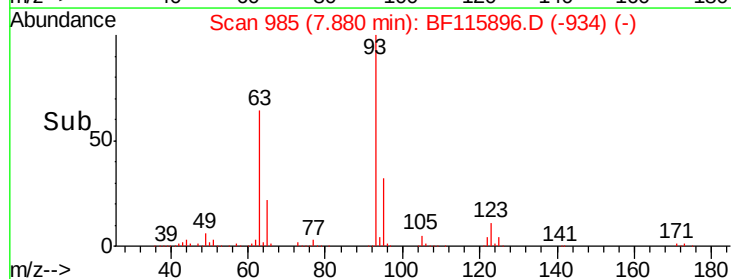
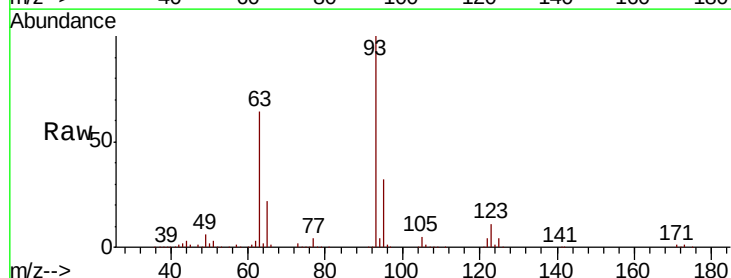
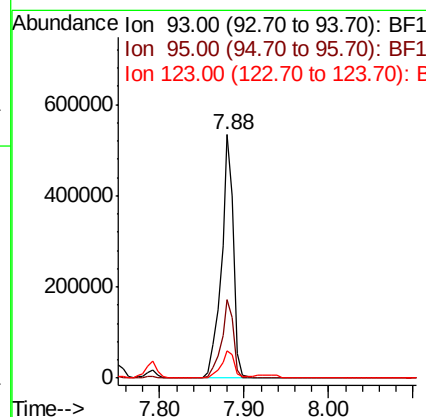
RT: 7.88 min Scan# 985

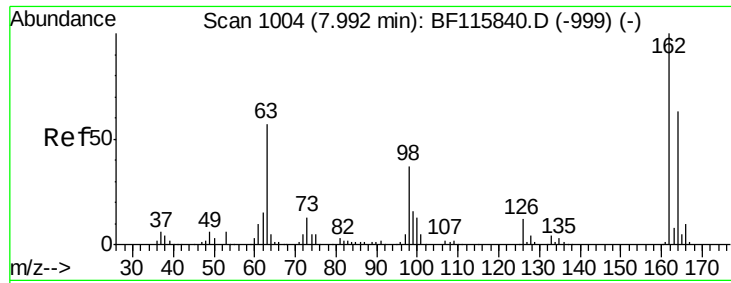
Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion:	93	Resp:	544423
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.0	39.0
123	11.4	9.5	14.3





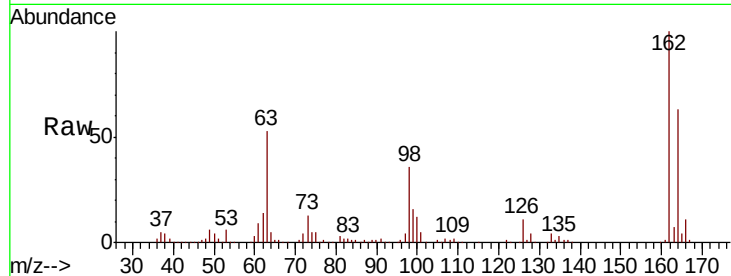
#29
 2,4-Dichlorophenol
 Concen: 46.208 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388653		
164	63.4	43.2	83.2	
98	36.2	17.3	57.3	

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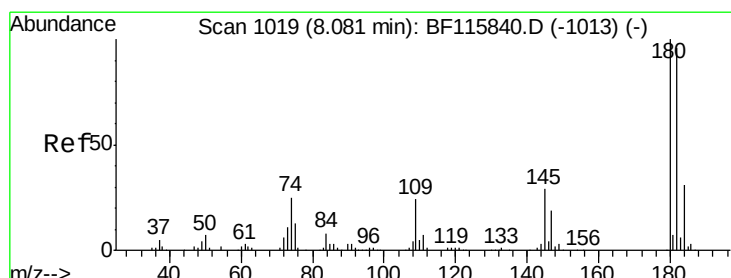
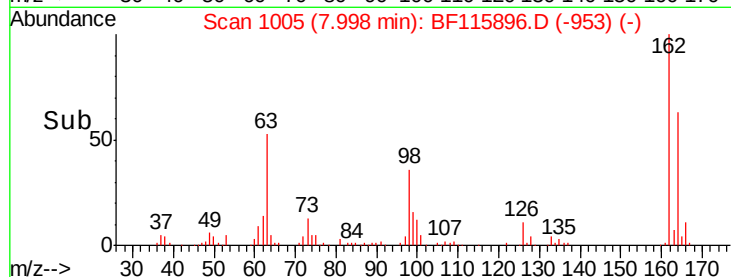
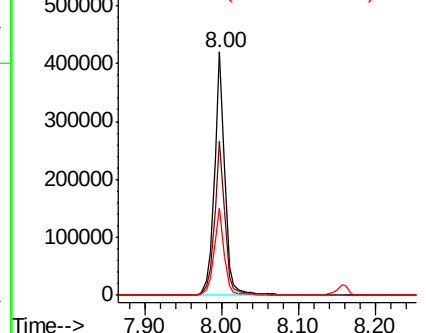


Abundance

Ion 162.00 (161.70 to 162.70): E

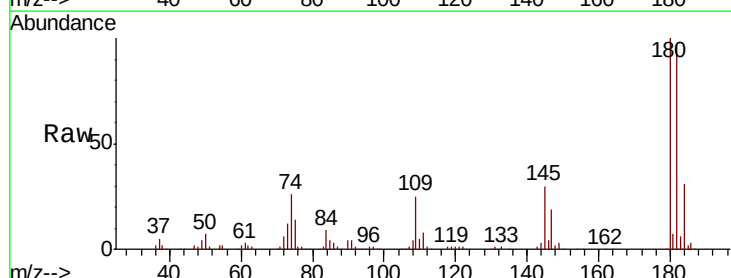
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.958 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	411868		
182	97.0	76.6	114.8	
145	29.8	23.2	34.8	

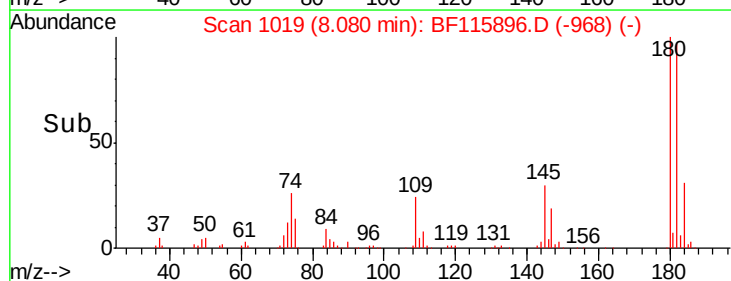
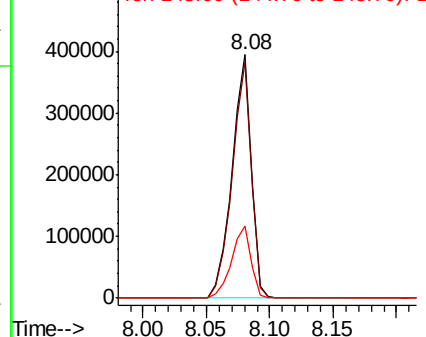


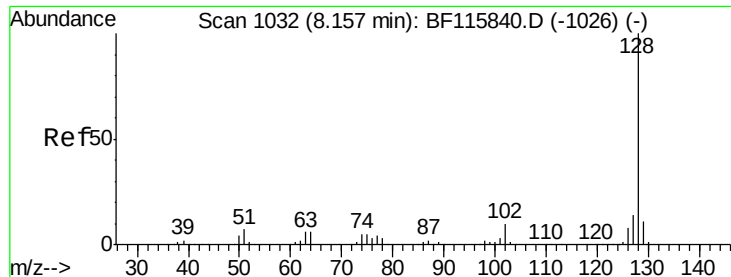
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





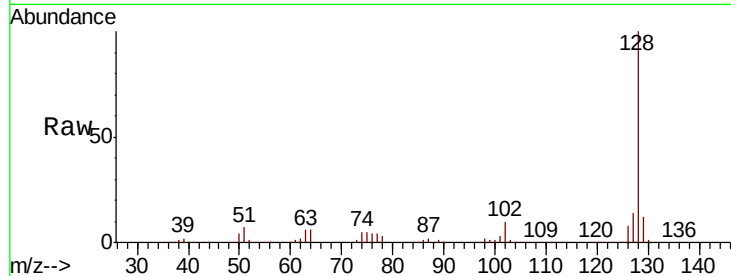
#31
Naphthalene
Concen: 45.346 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	13.8	11.0	16.4

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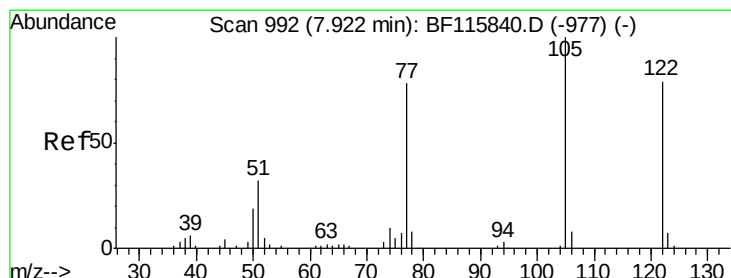
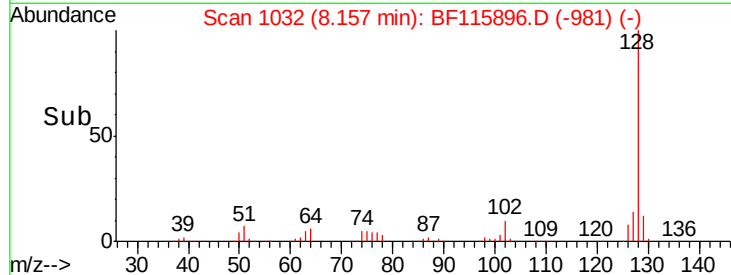
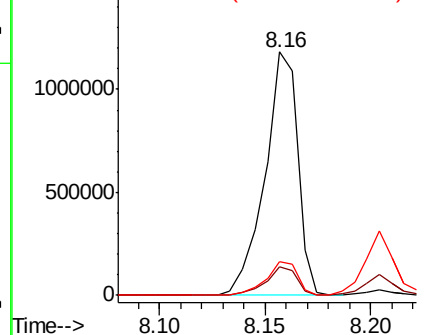


Abundance

Ion 128.00 (127.70 to 128.70): E

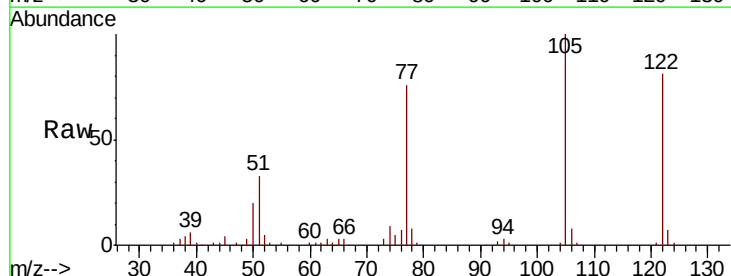
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.201 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	103.1	143.1
77	94.6	76.8	116.8

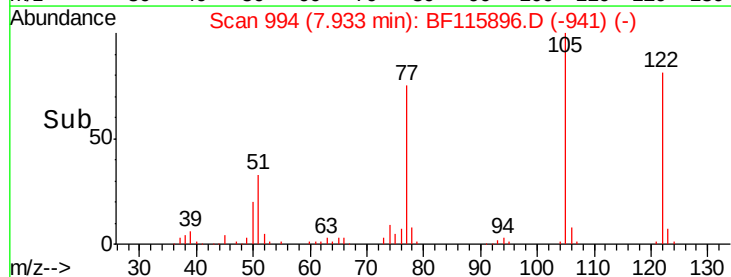
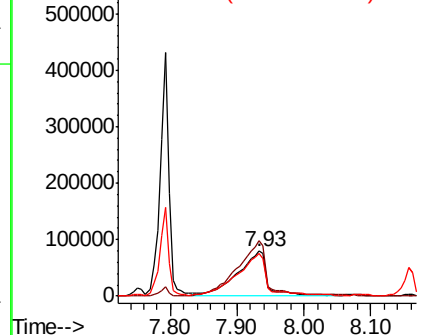


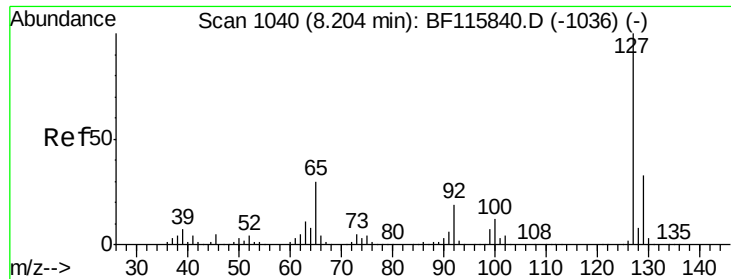
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





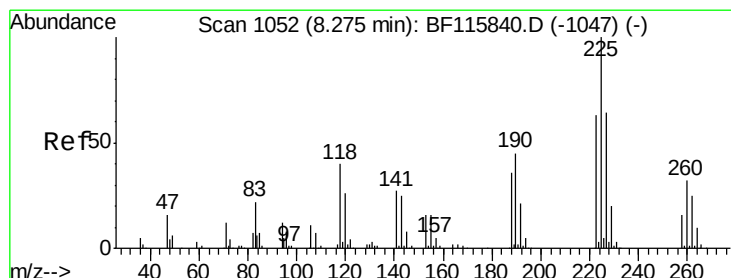
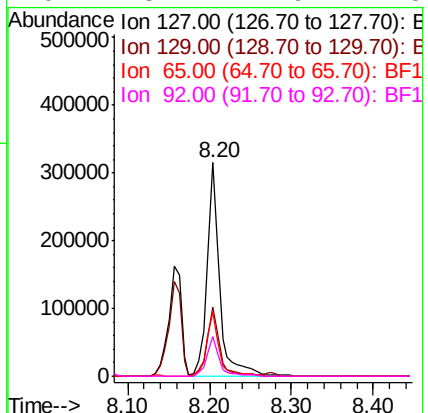
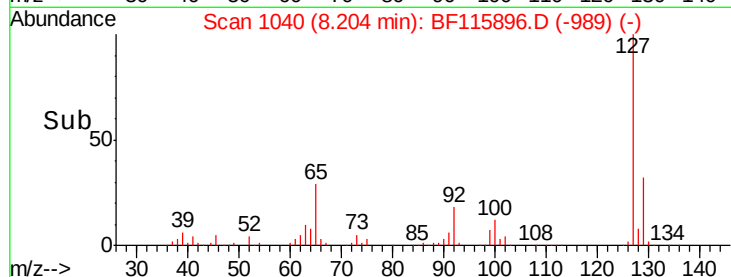
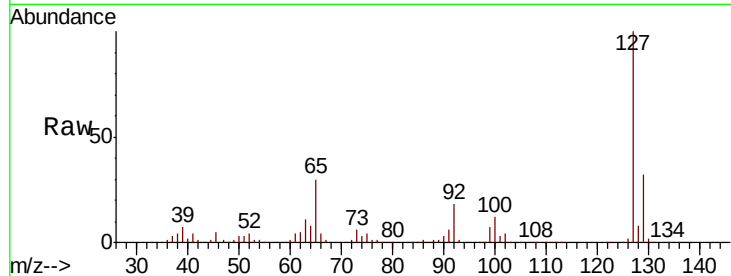
#33
4-Chloroaniline
Concen: 26.647 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.0	39.0	
65	30.2	23.9	35.9	
92	18.4	14.9	22.3	

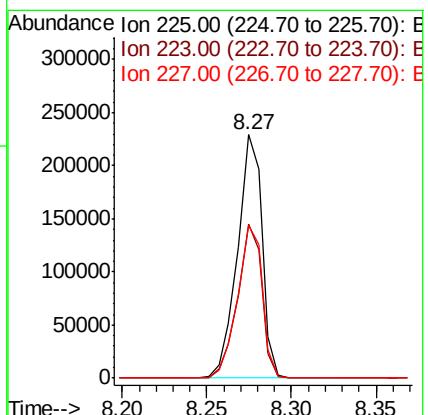
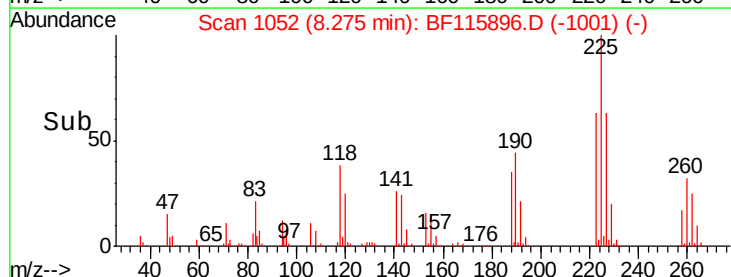
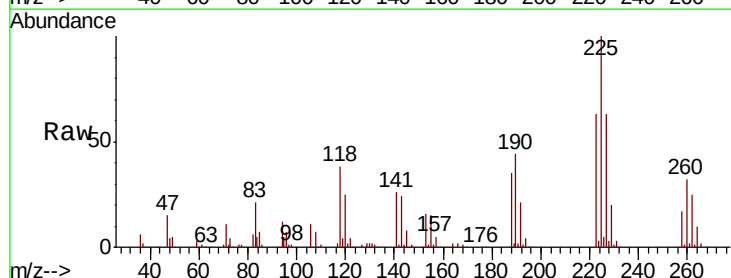
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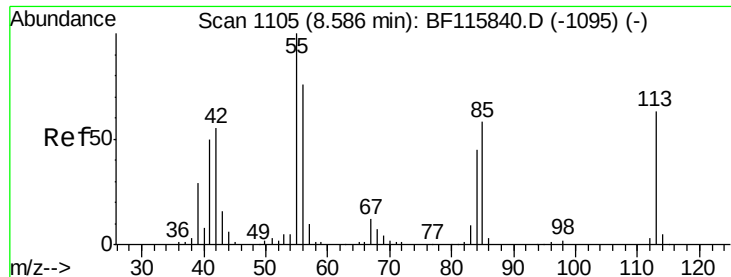
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#34
Hexachlorobutadiene
Concen: 42.024 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.4	75.6	
227	62.8	51.6	77.4	





#35

Caprolactam

Concen: 43.591 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

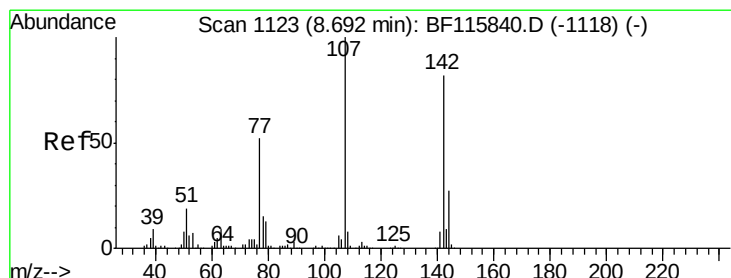
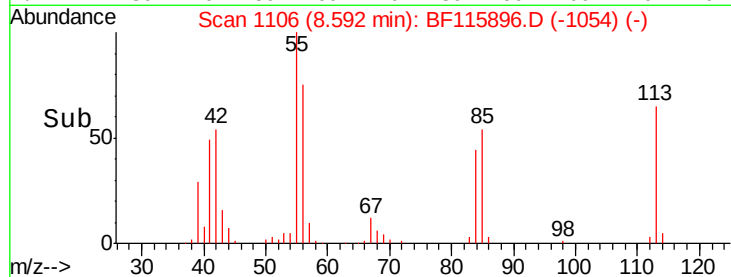
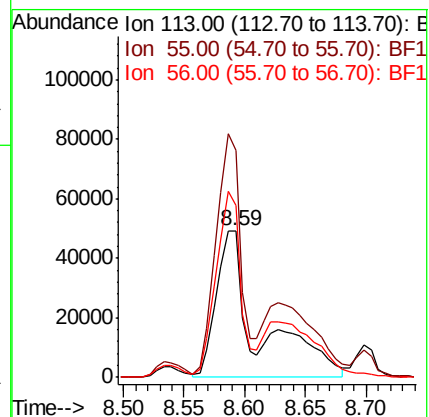
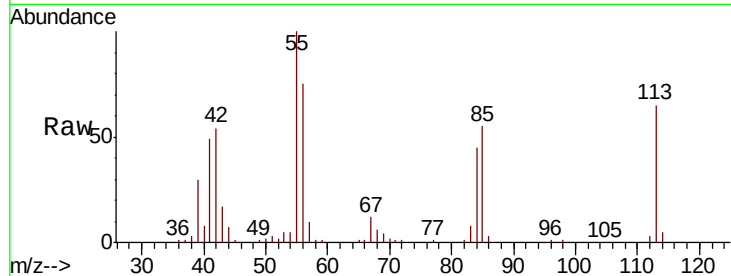
ClientSampleID :

PB121854BSD

Tot Ion:	113	Resp:	118582
Ion Ratio	Lower	Upper	
113	100		
55	154.7	138.1	178.1
56	116.7	100.6	140.6

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#36

4-Chloro-3-methylphenol

Concen: 46.442 ng/mL

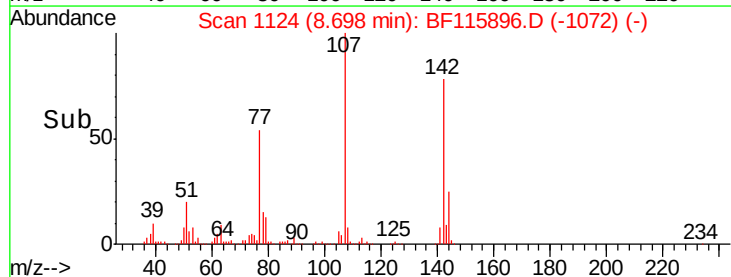
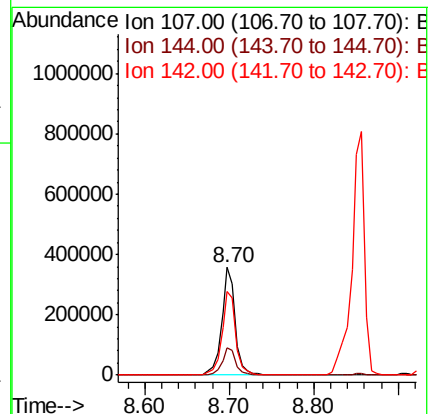
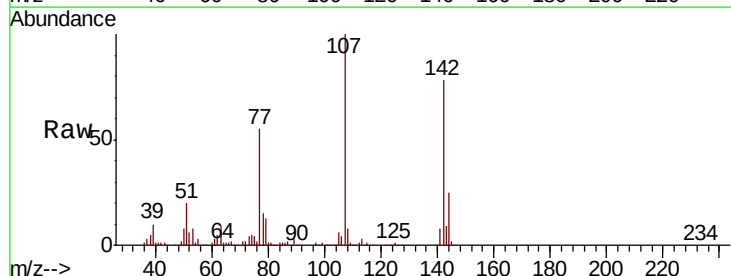
RT: 8.70 min Scan# 1124

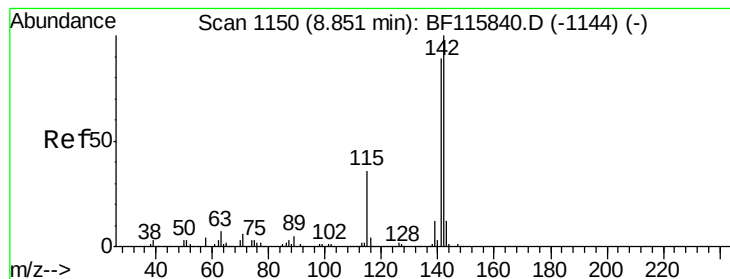
Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion:	107	Resp:	406371
Ion Ratio	Lower	Upper	
107	100		
144	25.5	21.4	32.0
142	78.4	65.5	98.3





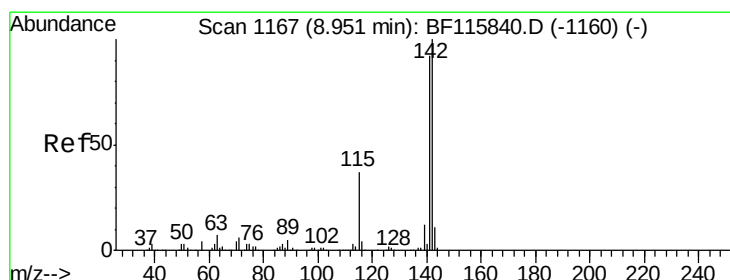
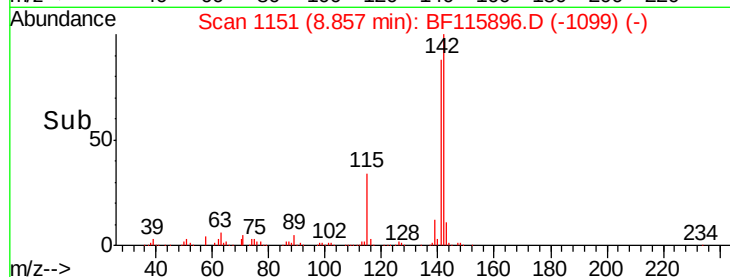
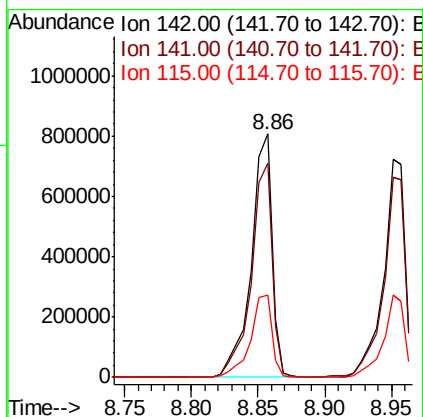
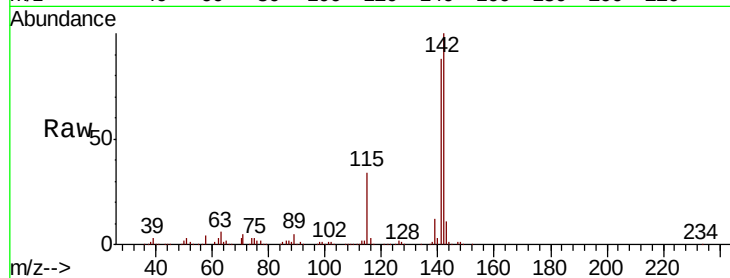
#37
2-Methylnaphthalene
Concen: 46.354 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	34.1	28.9	43.3

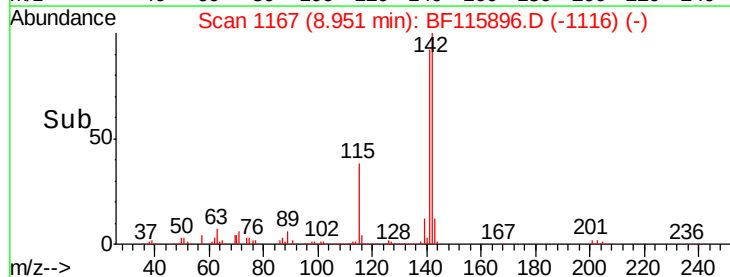
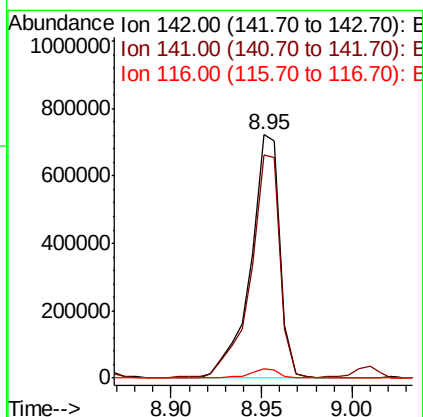
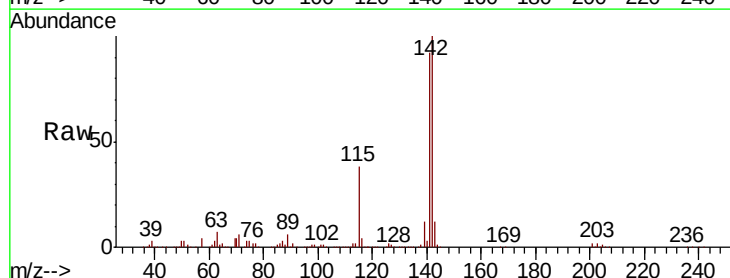
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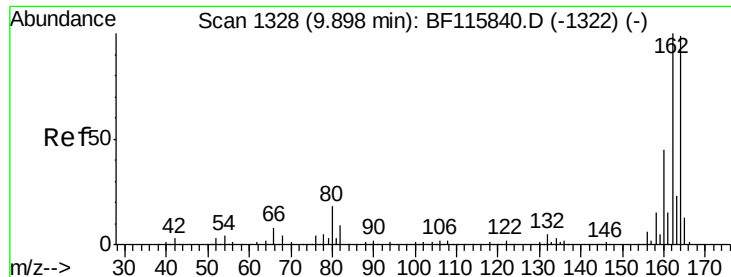
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#38
1-Methylnaphthalene
Concen: 45.883 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.6
116	4.1	3.1	4.7





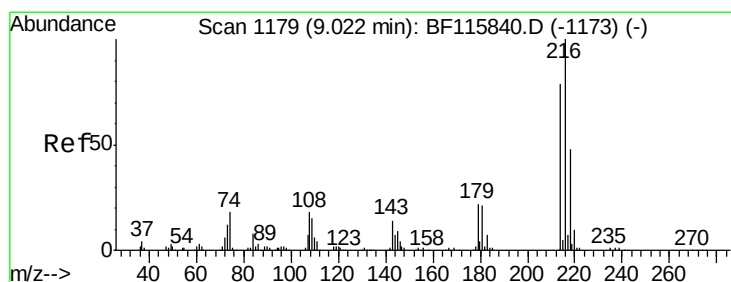
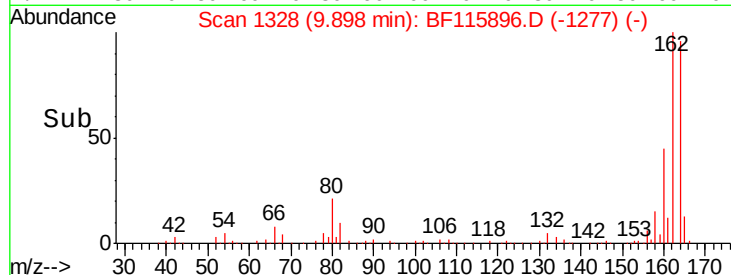
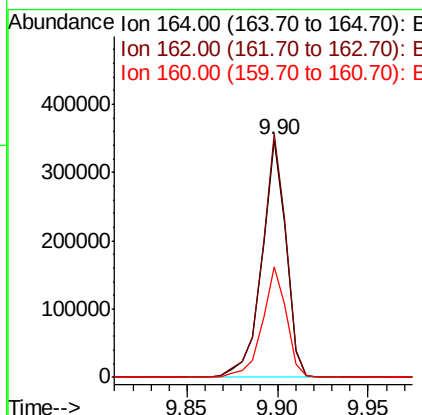
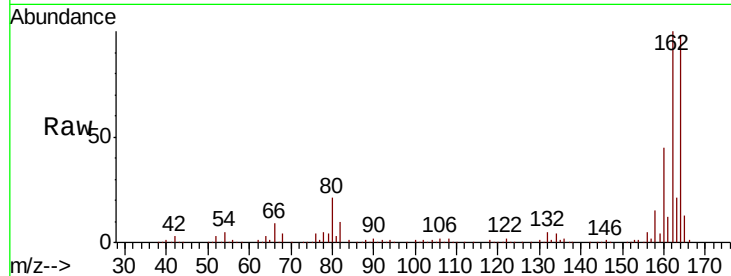
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	80.8	121.2	
160	46.5	36.2	54.4	

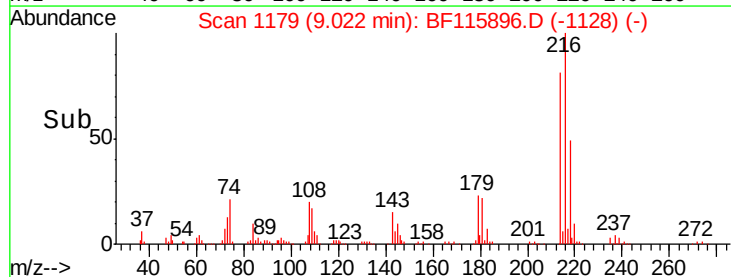
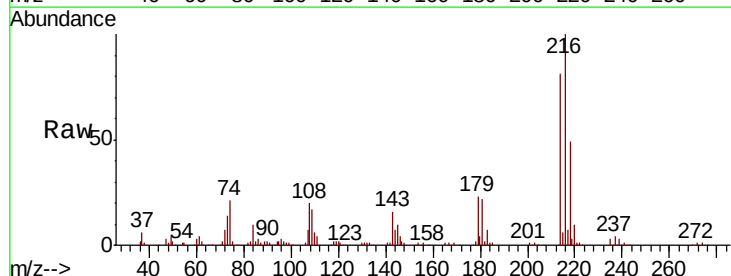
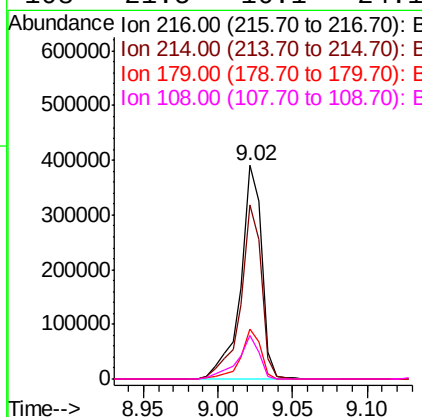
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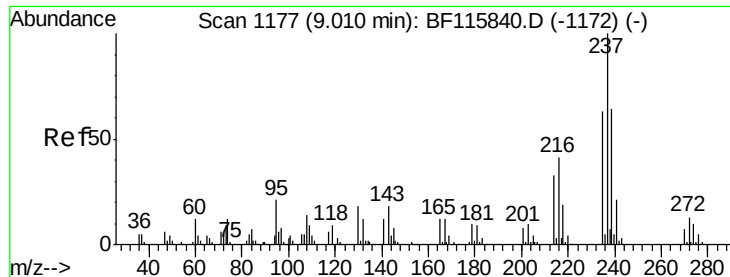
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.434 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	62.8	94.2	
179	22.1	17.6	26.4	
108	21.5	16.1	24.1	





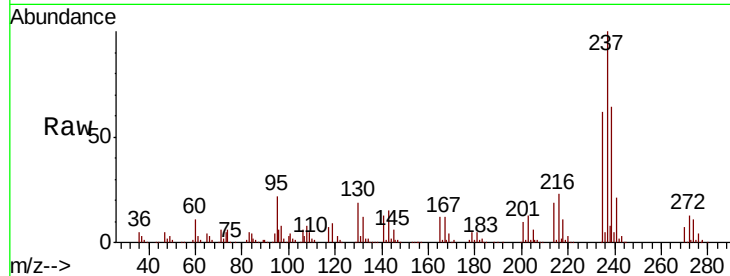
#41
Hexachlorocyclopentadiene
Concen: 68.170 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

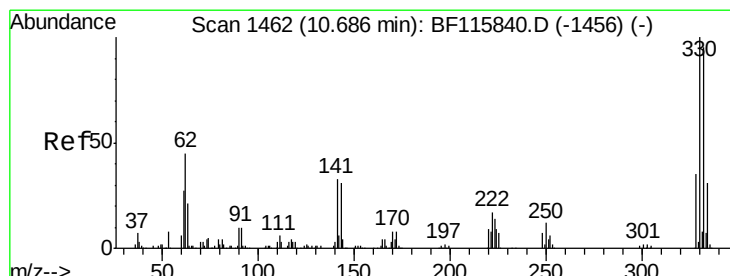
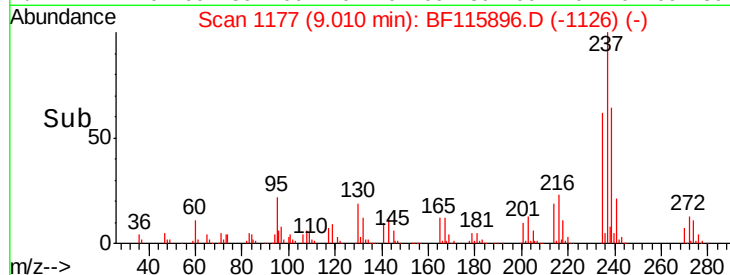
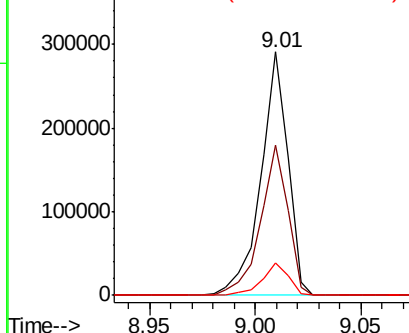
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	42.5	82.5
272	13.3	0.0	33.3

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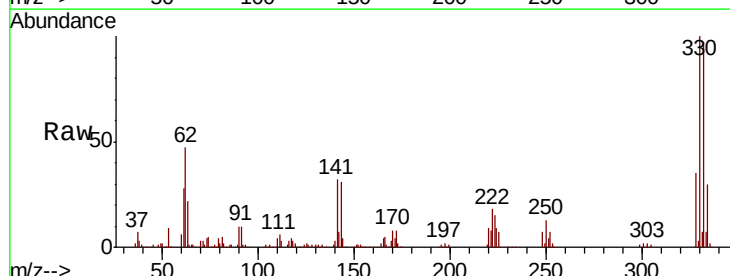


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

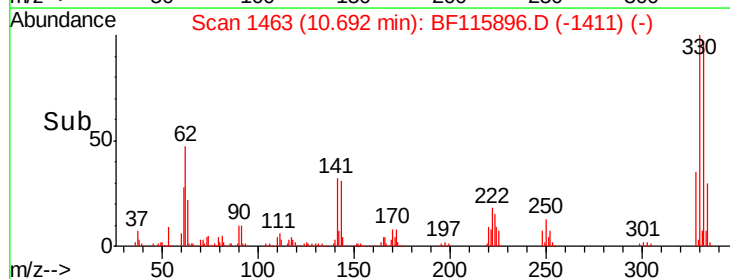
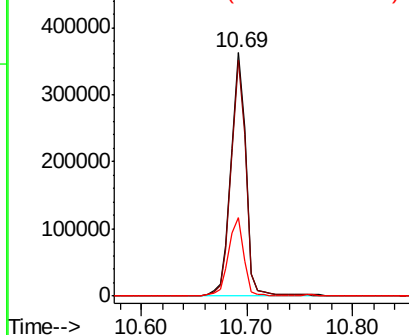


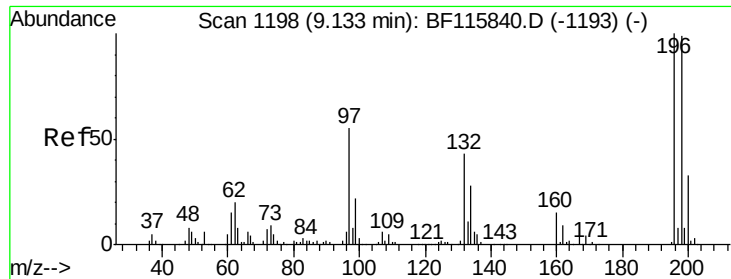
#42
2,4,6-Tribromophenol
Concen: 114.056 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	77.7	116.5
141	33.5	28.1	42.1



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





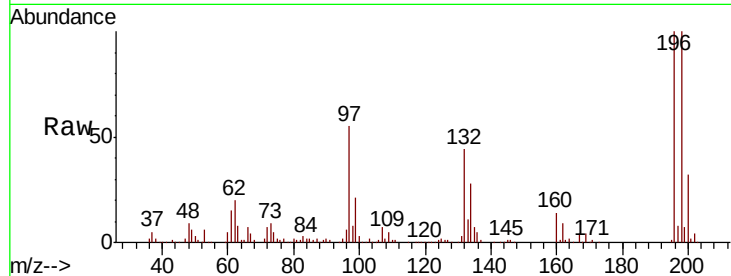
#43
 2,4,6-Trichlorophenol
 Concen: 43.401 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257600		
198	99.9	79.1	118.7	
200	31.9	26.0	39.0	

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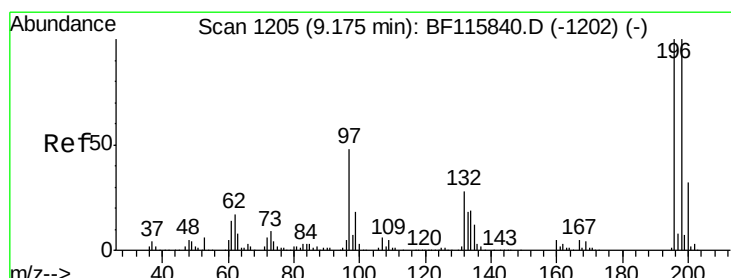
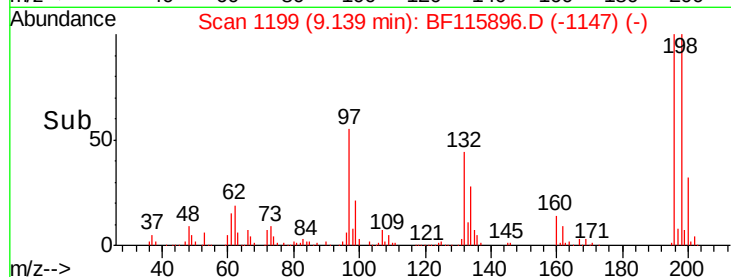
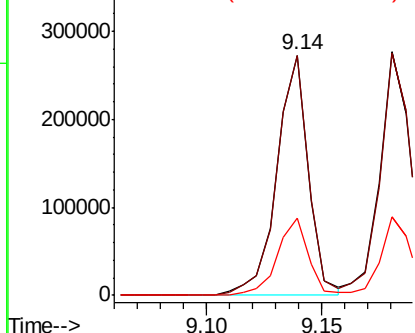


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.907 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275524		
198	99.5	80.1	120.1	
97	53.5	38.9	58.3	
132	29.9	22.6	33.8	

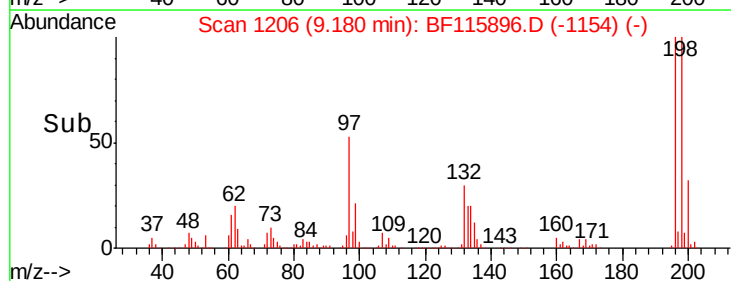
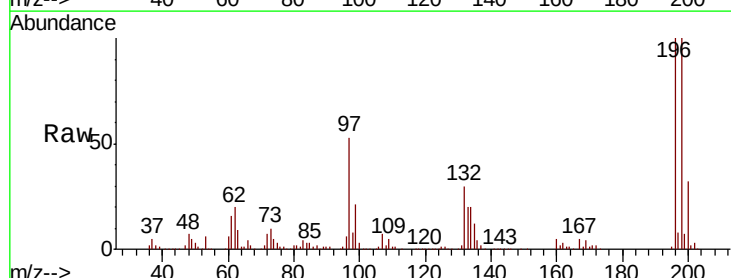
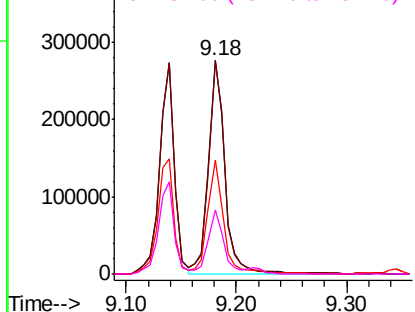
Abundance

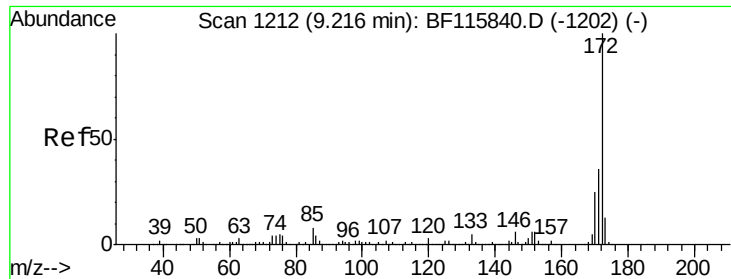
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





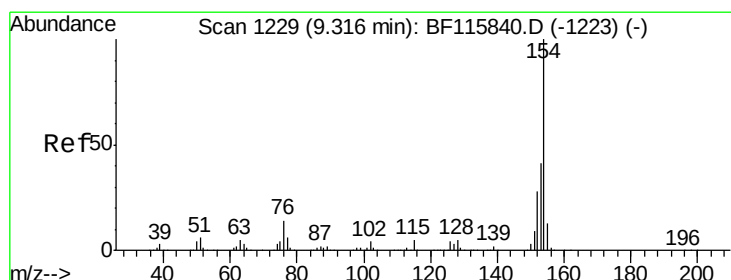
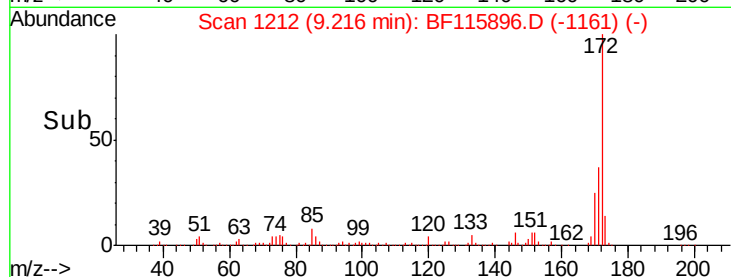
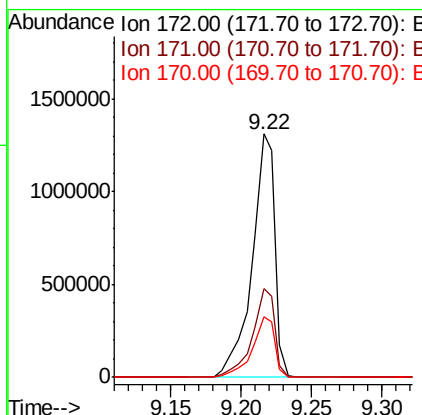
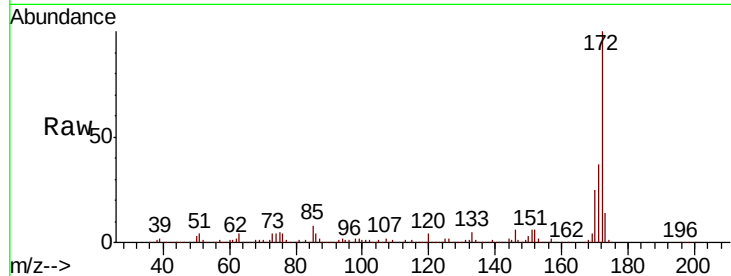
#45
2-Fluorobiphenyl
Concen: 86.509 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	25.0	20.1	30.1

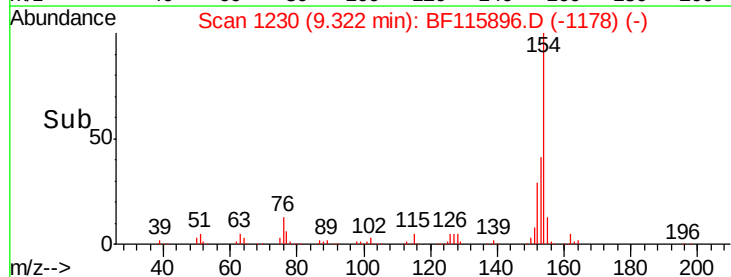
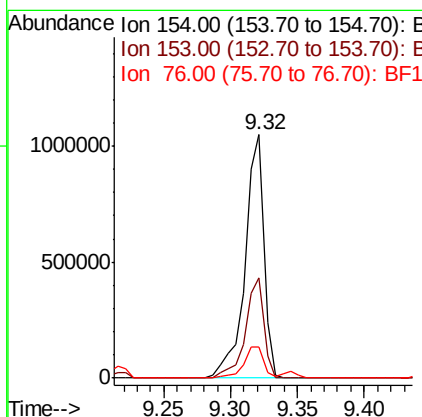
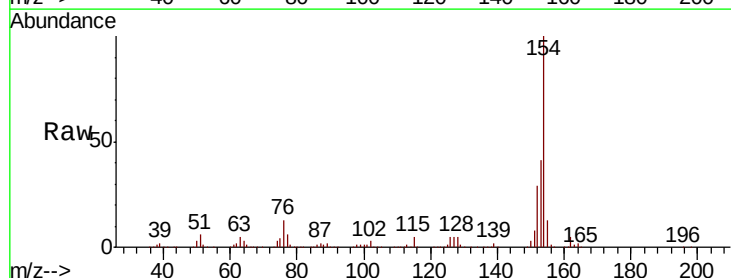
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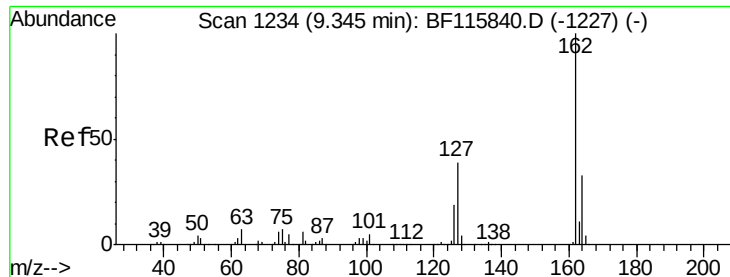
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#46
1,1'-Biphenyl
Concen: 44.885 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.9	60.9
76	13.0	0.0	34.3





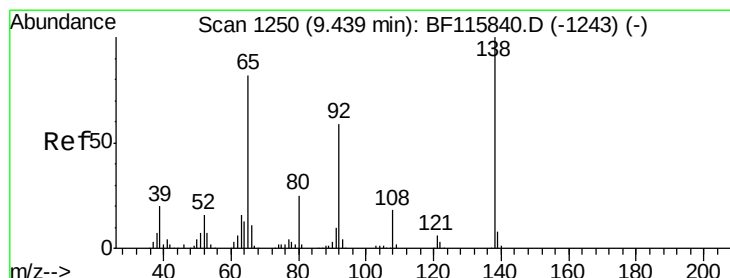
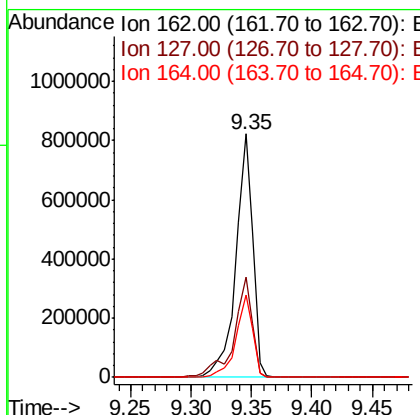
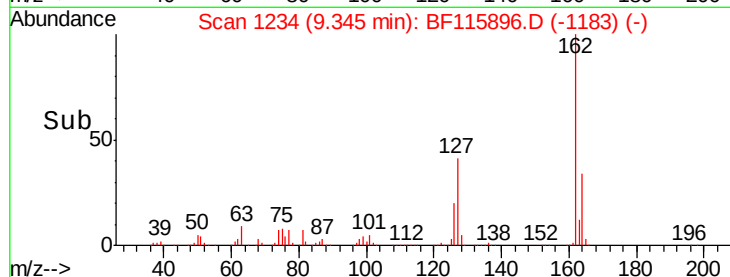
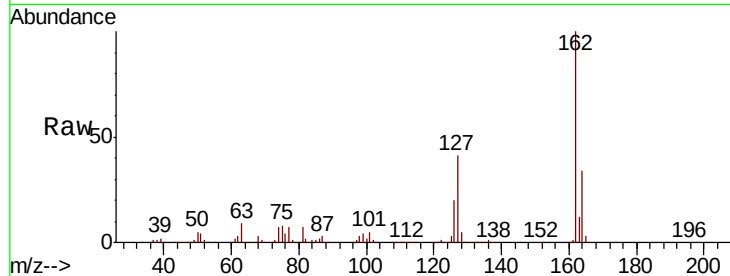
#47
 2-Chloronaphthalene
 Concen: 42.450 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.0	31.3	46.9	
164	33.6	26.6	40.0	

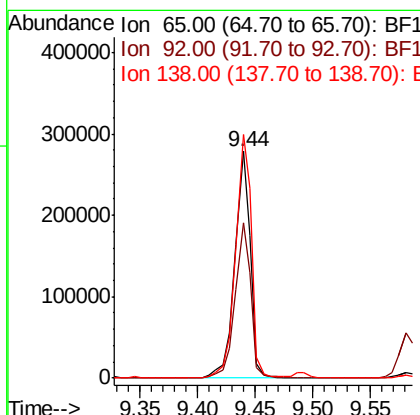
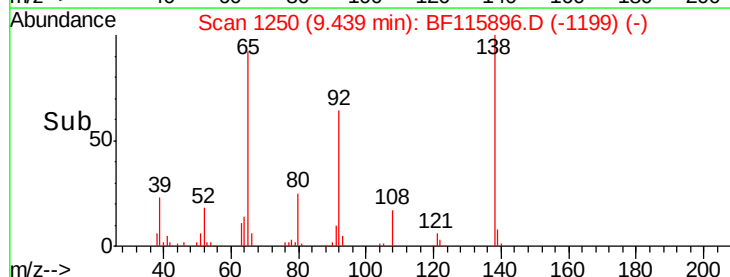
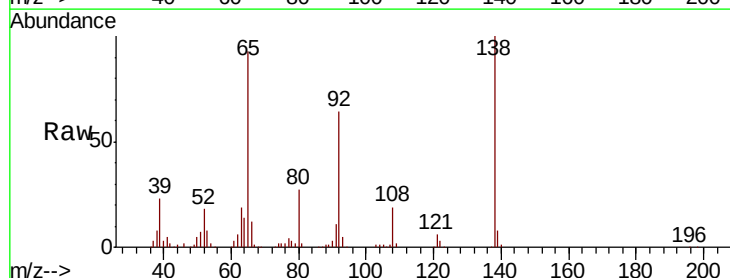
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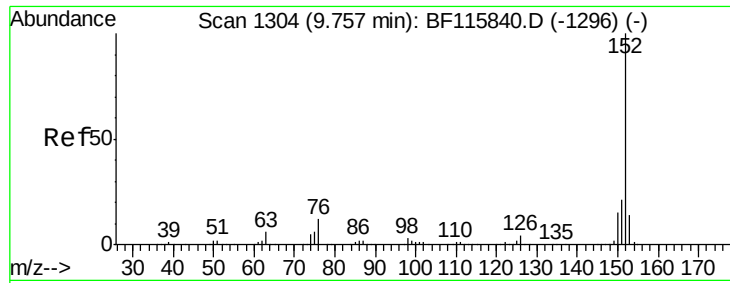
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#48
 2-Nitroaniline
 Concen: 41.285 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.6	57.1	85.7	
138	107.4	97.1	145.7	





#49

Acenaphthylene

Concen: 45.203 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

PB121854BSD

Tot Ion:152 Resp: 1249888

Ion Ratio Lower Upper

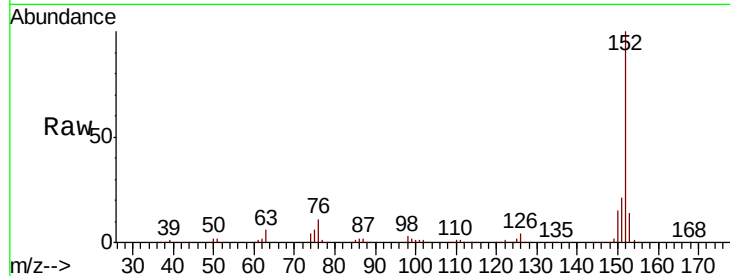
152 100

151 21.1 16.8 25.2

153 14.2 11.6 17.4

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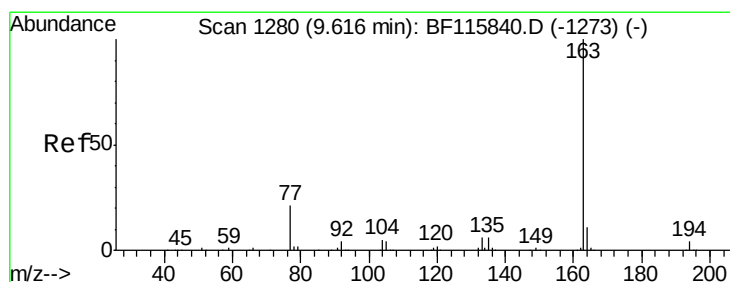
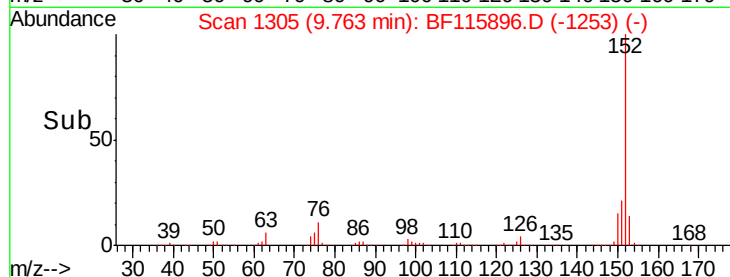
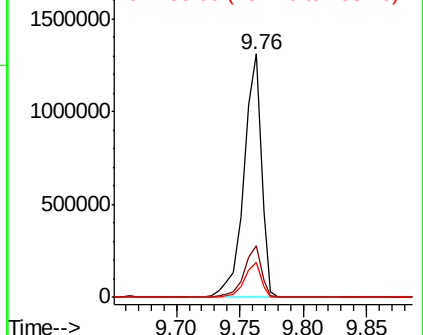


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.172 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

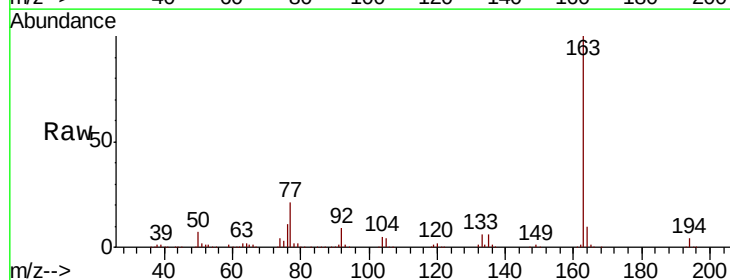
Tgt Ion:163 Resp: 948138

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.0 8.4 12.6

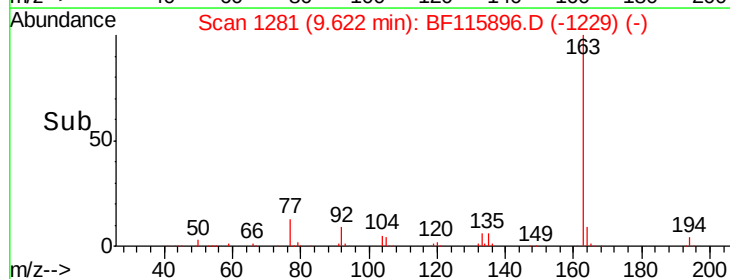
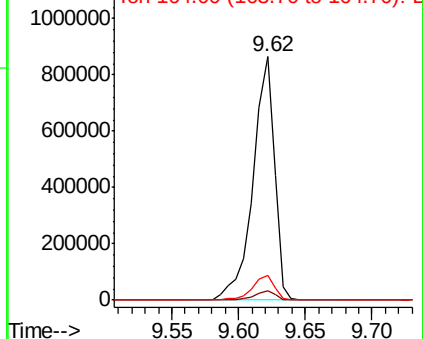


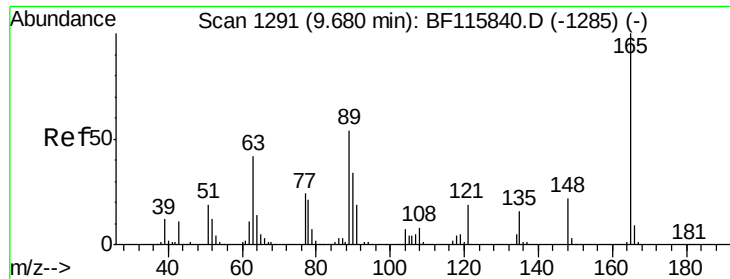
Abundance

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: 44.501 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

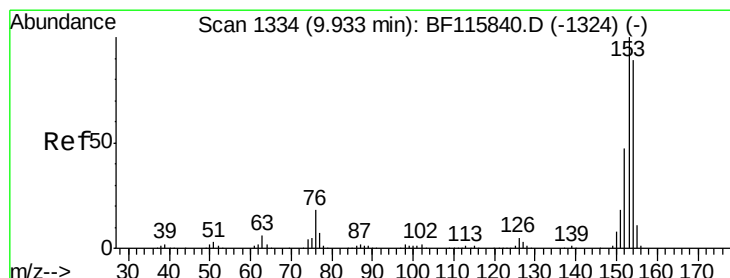
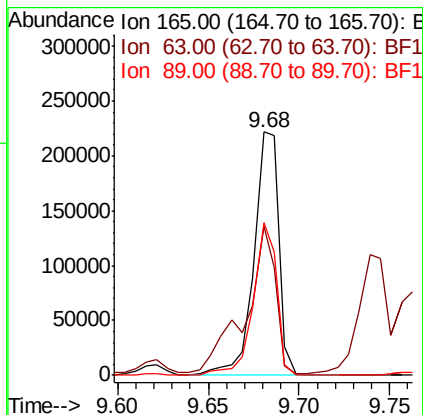
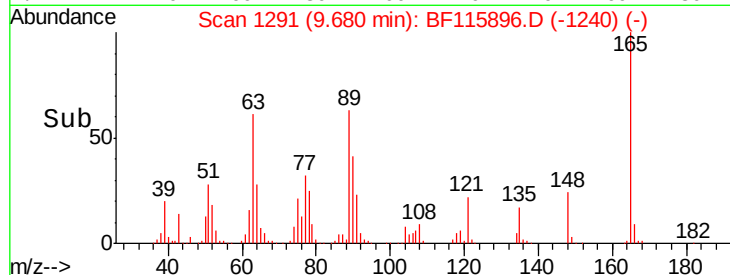
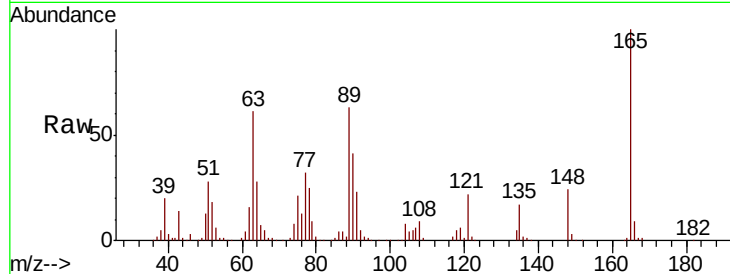
ClientSampleId :

PB121854BSD

Tot Ion:	165	Resp:	212391
Ion Ratio	Lower	Upper	
165	100		
63	61.3	39.4	59.2#
89	62.9	43.0	64.6

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#52

Acenaphthene

Concen: 44.027 ng

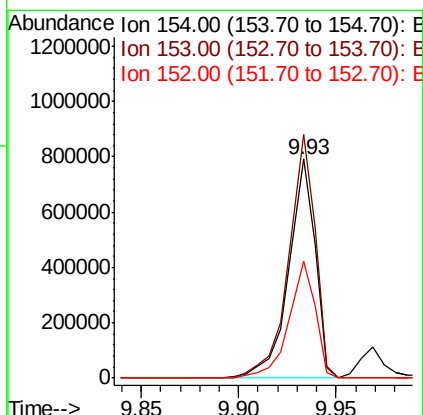
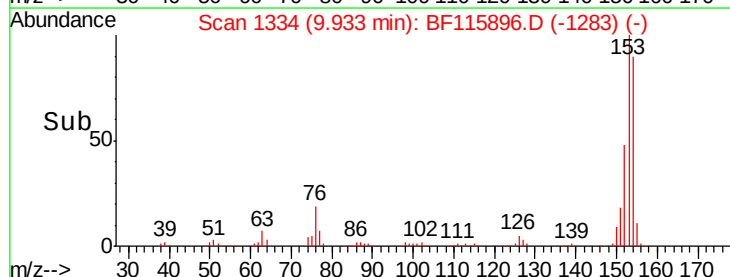
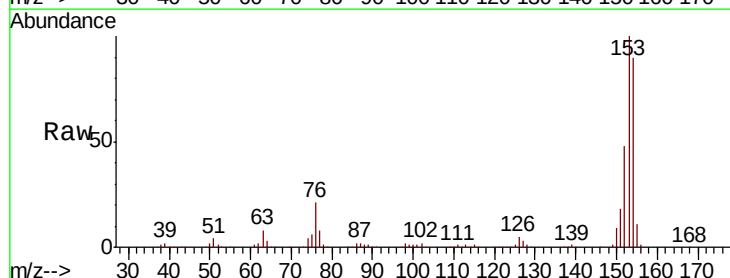
RT: 9.93 min Scan# 1334

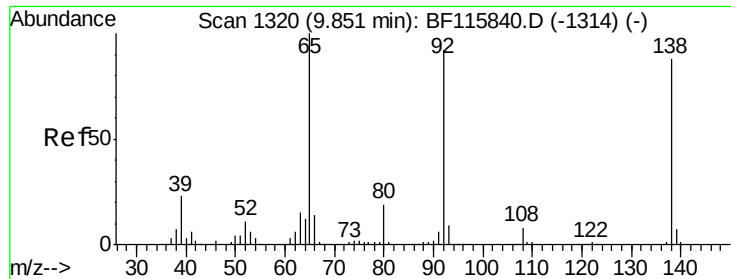
Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion:	154	Resp:	746845
Ion Ratio	Lower	Upper	
154	100		
153	111.1	90.1	135.1
152	53.3	42.6	63.8





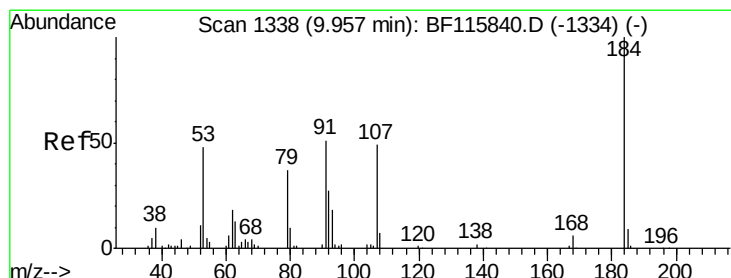
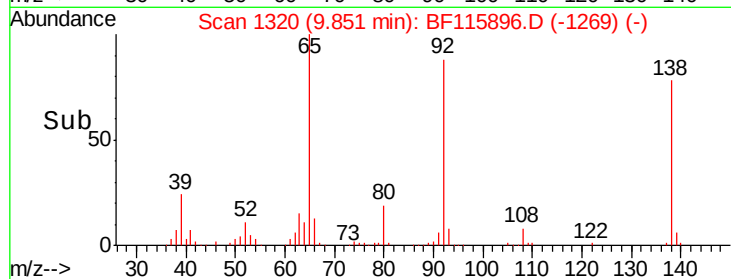
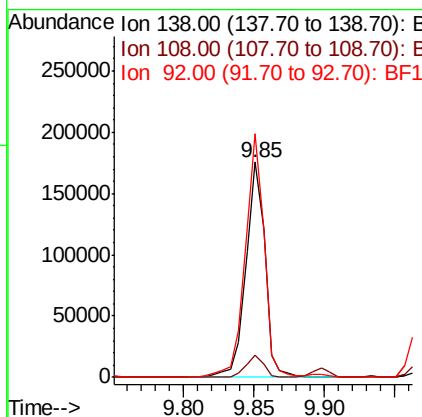
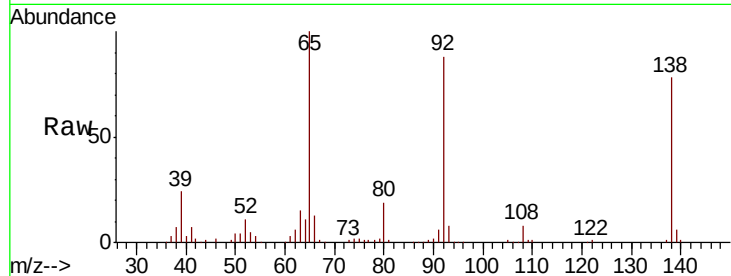
#53
 3-Nitroaniline
 Concen: 28.155 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	113.1	83.9	125.9

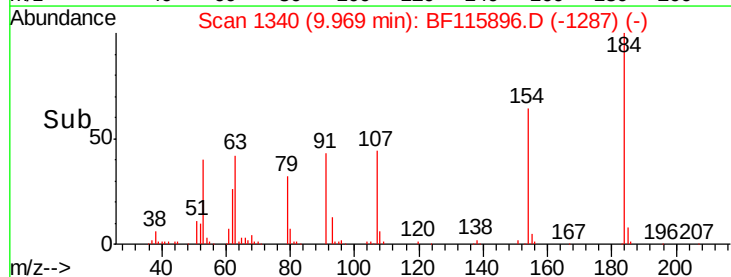
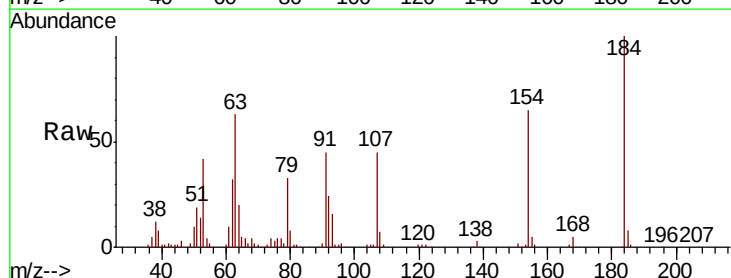
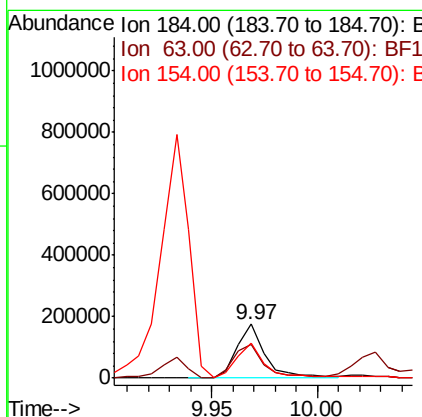
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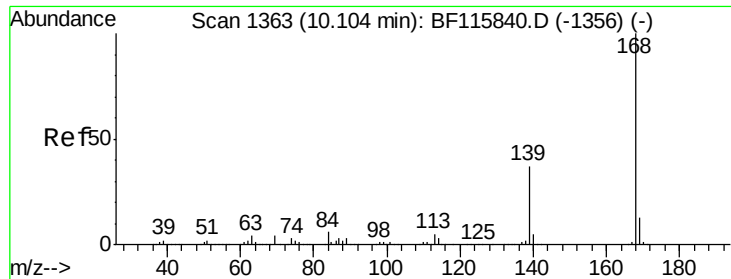
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#54
 2,4-Dinitrophenol
 Concen: 69.206 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.9	56.7	85.1
154	64.5	51.9	77.9





#55

Dibenzofuran

Concen: 44.522 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

PB121854BSD

Tot Ion:168 Resp: 1098319

Ion Ratio Lower Upper

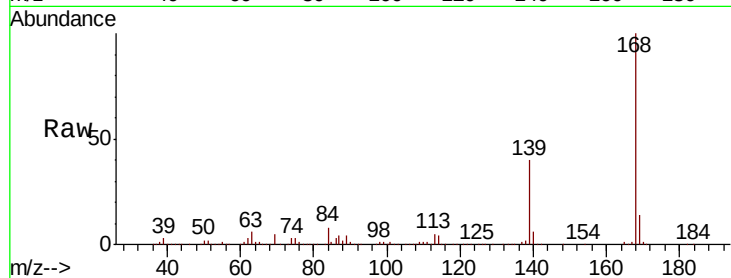
168 100

139 39.9 30.2 45.2

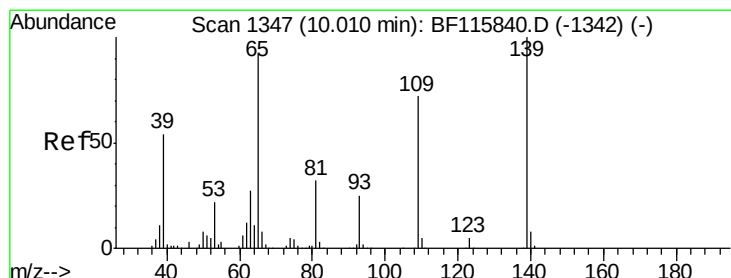
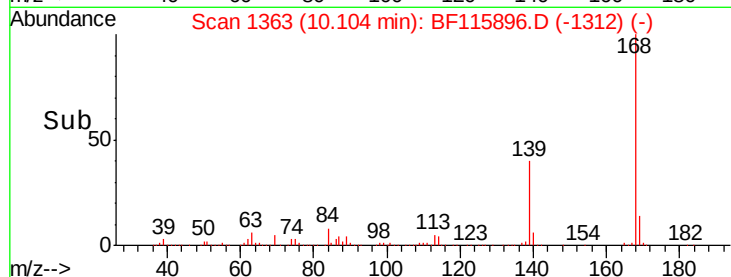
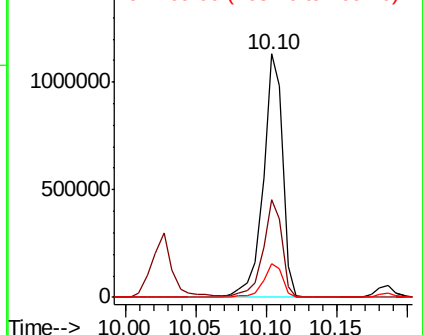
169 14.1 10.8 16.2

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



#56

4-Nitrophenol

Concen: 79.970 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.02 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

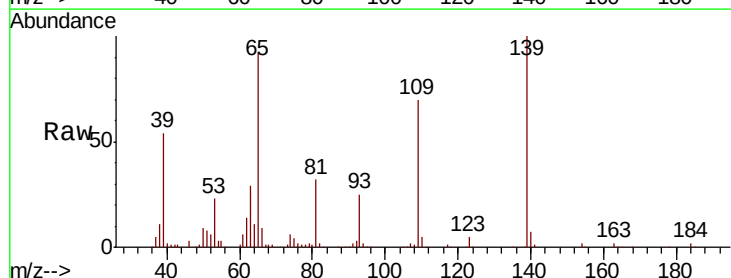
Tgt Ion:139 Resp: 302115

Ion Ratio Lower Upper

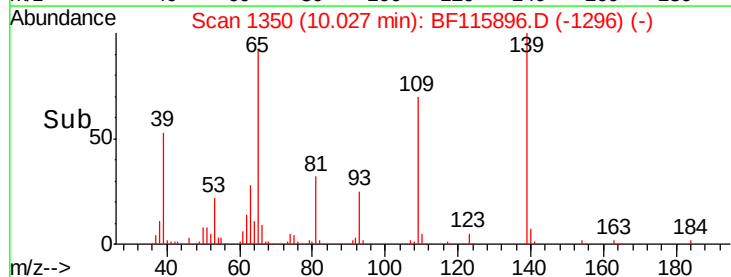
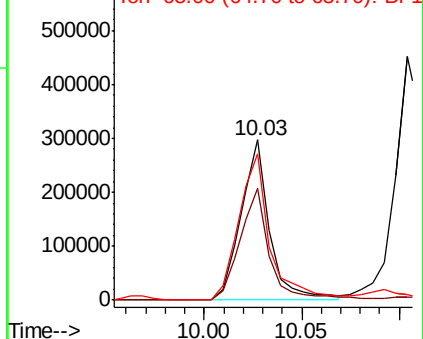
139 100

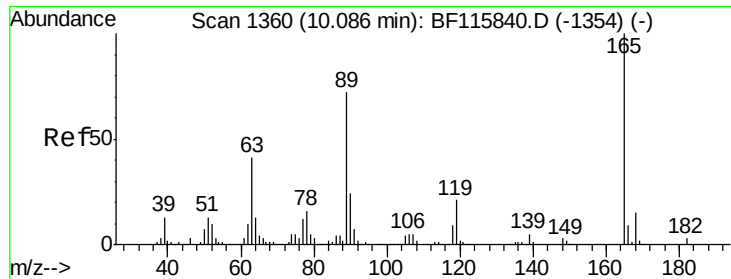
109 69.9 52.0 92.0

65 91.6 72.6 112.6



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





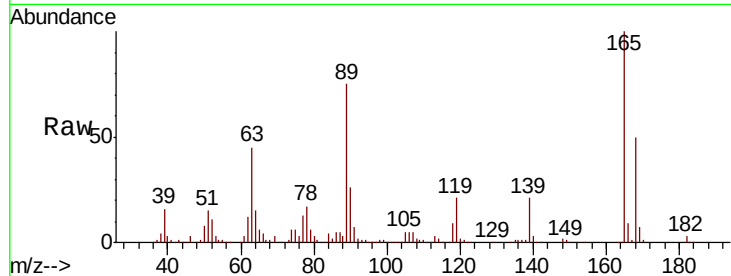
#57
2,4-Dinitrotoluene
Concen: 44.327 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	281679		
63	45.3		33.2	49.8
89	75.1		57.3	85.9
182	2.6		2.1	3.1

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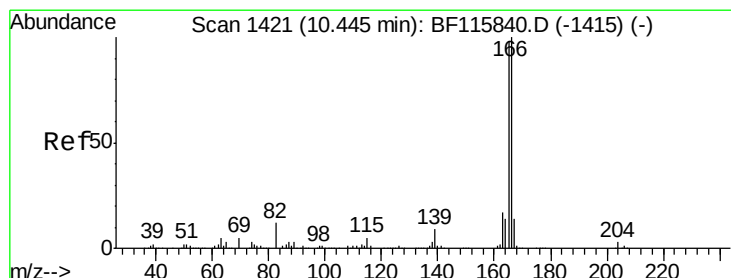
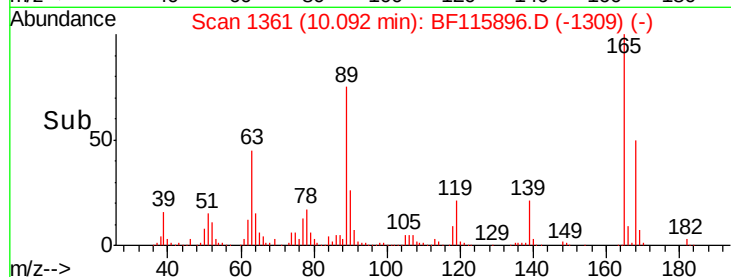
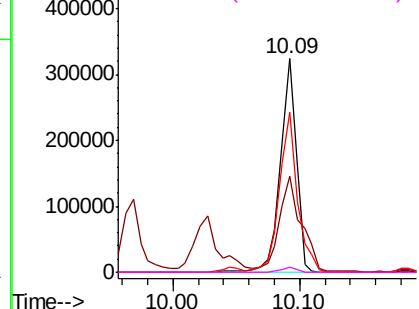
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

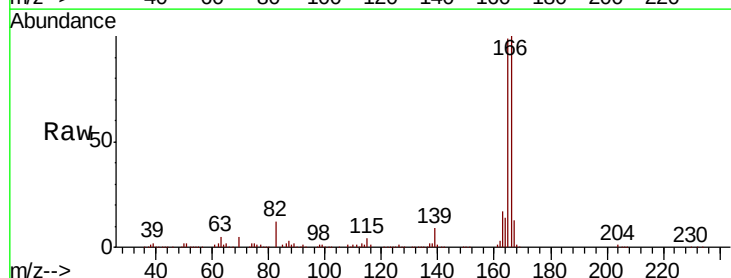
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.342 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	841605		
165	99.2		78.6	118.0
167	13.4		10.9	16.3

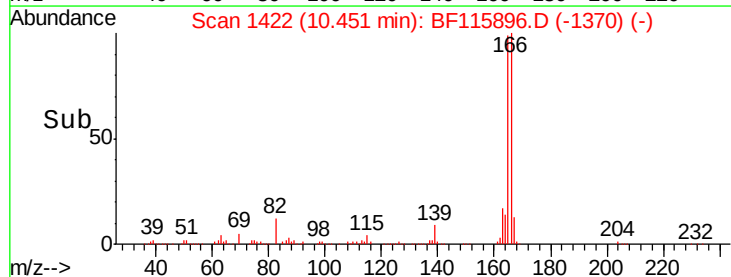
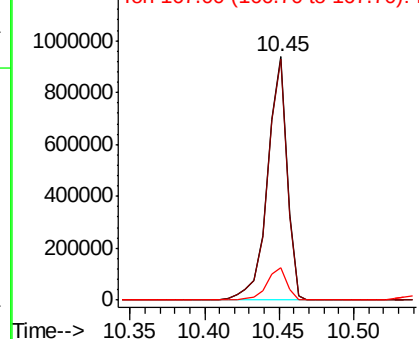


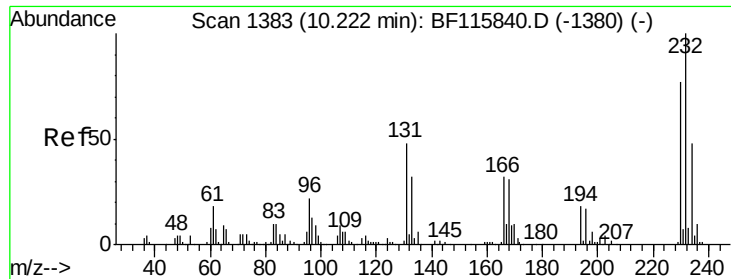
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





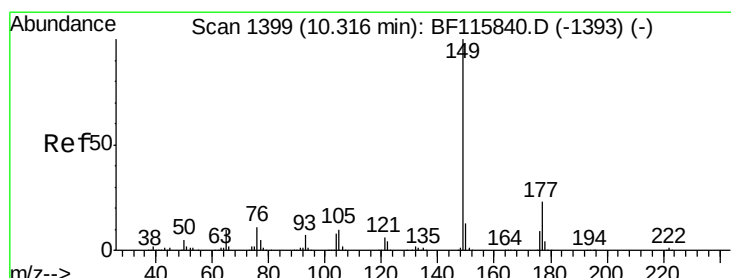
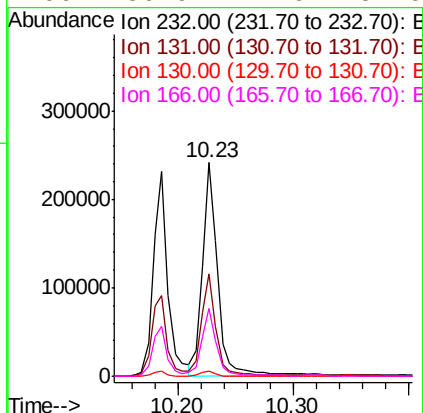
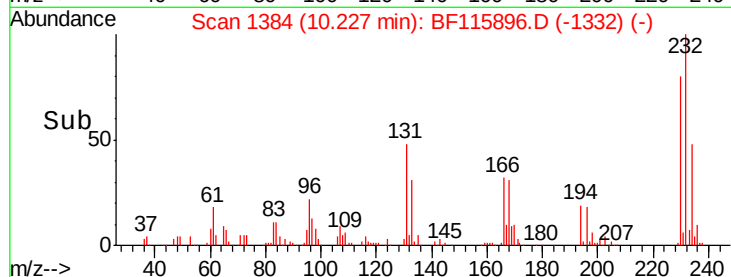
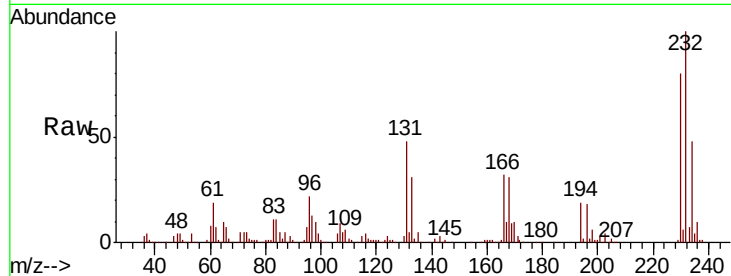
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.225 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	223120		
131	46.5		37.6	56.4
130	2.5		1.8	2.8
166	30.9		24.6	37.0

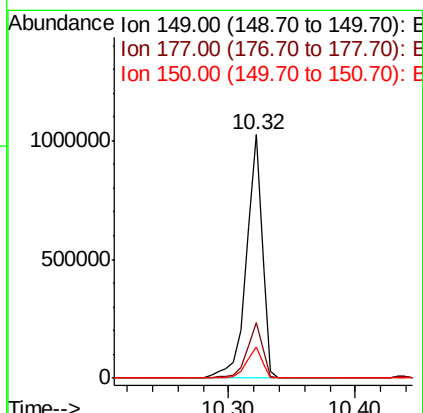
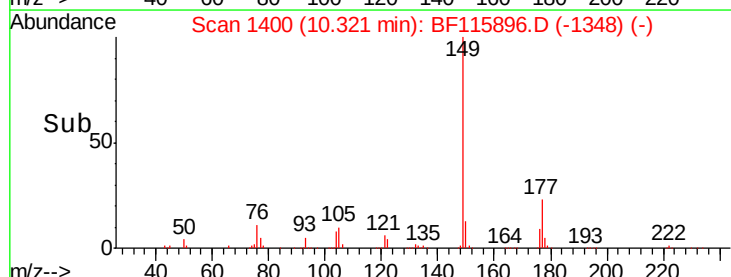
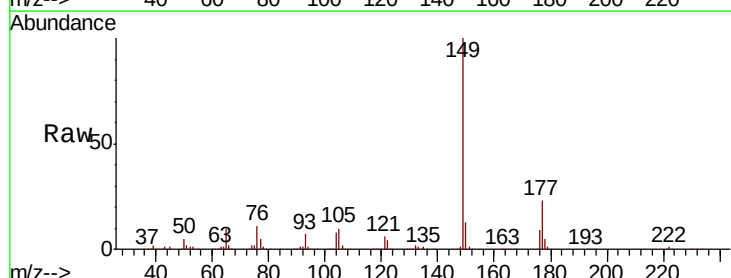
Manual Integrations
APPROVED

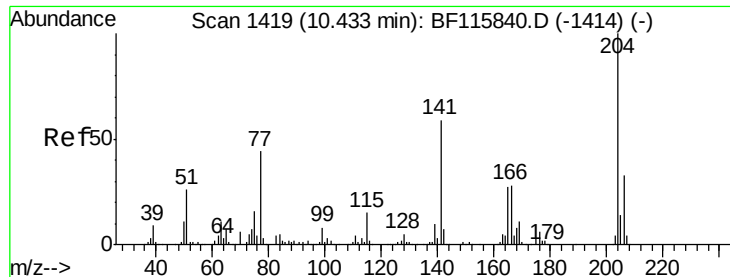
mohammad
8/5/2019 1:47:46 PM



#60
Diethylphthalate
Concen: 43.035 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	882415		
177	23.0		18.4	27.6
150	12.8		10.1	15.1





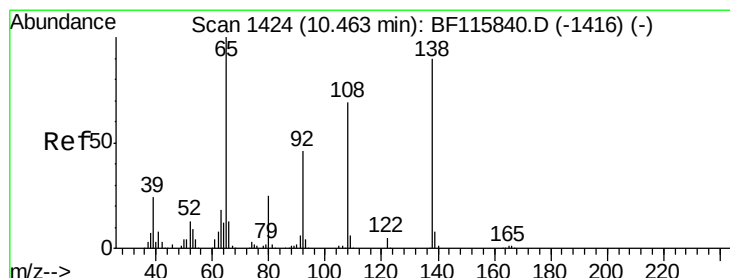
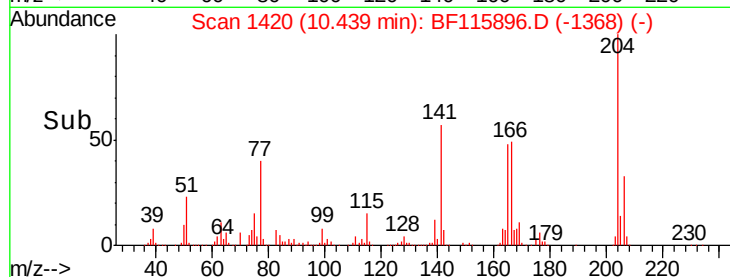
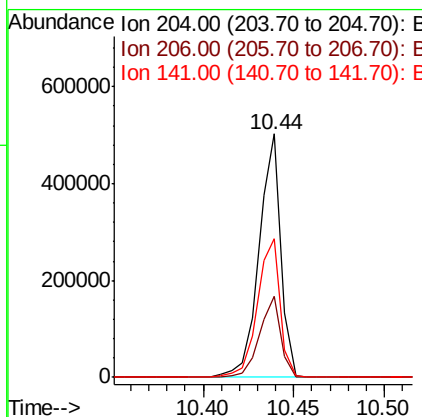
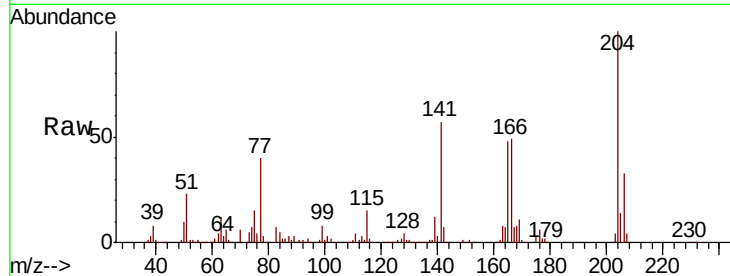
#61
4-Chlorophenyl-phenylether
Concen: 43.720 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	57.1	47.0	70.4

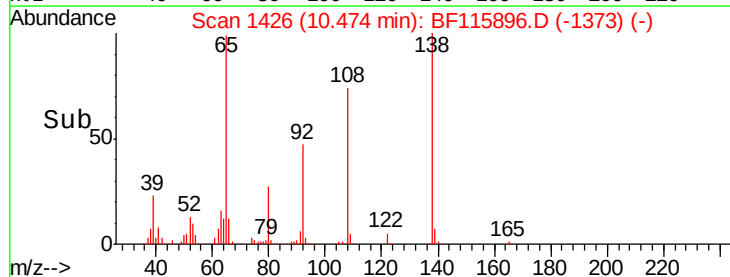
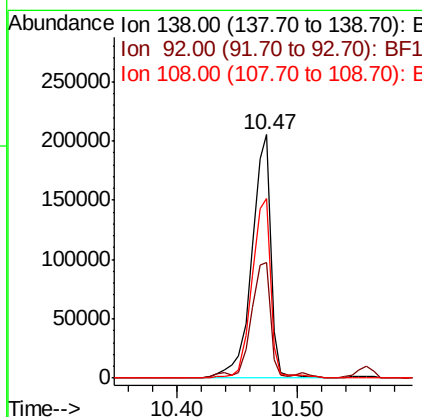
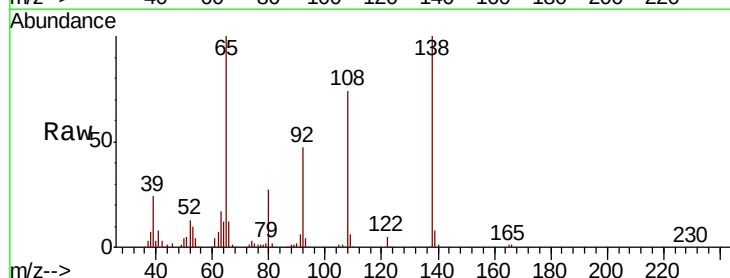
Manual Integrations
APPROVED

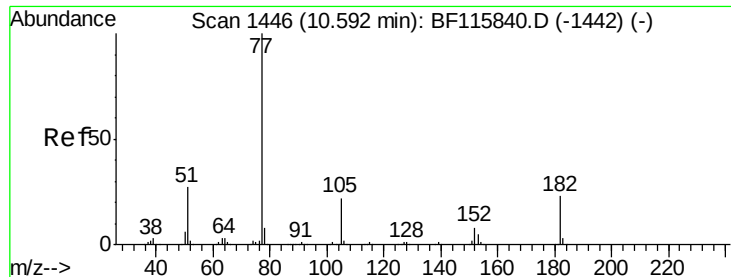
mohammad
8/5/2019 1:47:46 PM



#62
4-Nitroaniline
Concen: 37.351 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.0	71.0
108	73.8	56.7	96.7





#63

Azobenzene

Concen: 44.386 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

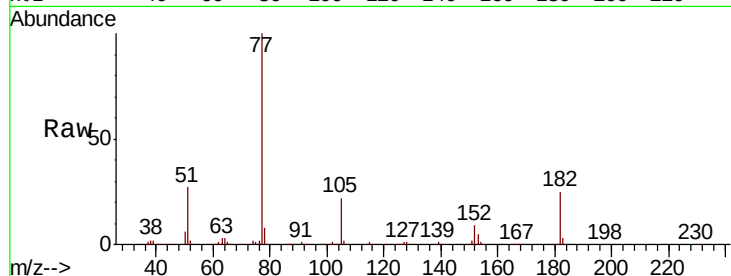
ClientSampleId :

PB121854BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		936095		
182	25.1	2.6	42.6		
105	22.4	1.6	41.6		
51	27.1	7.4	47.4		

Manual Integrations
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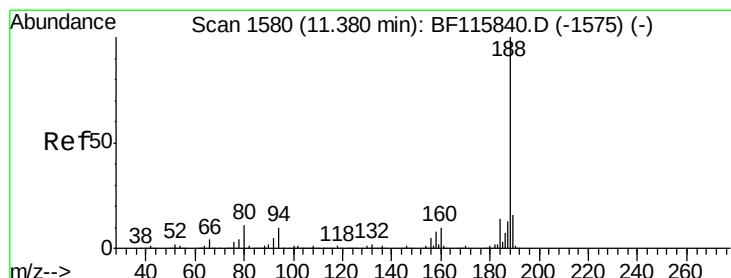
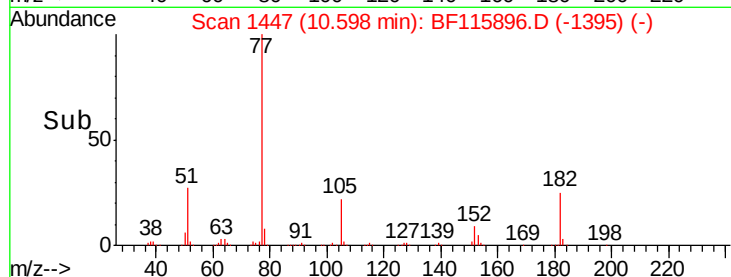
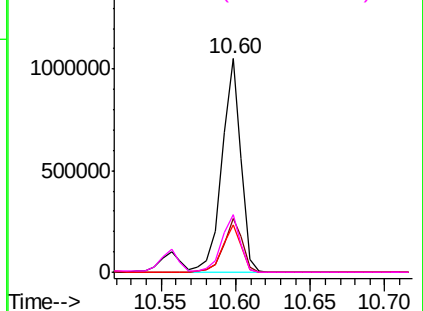


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

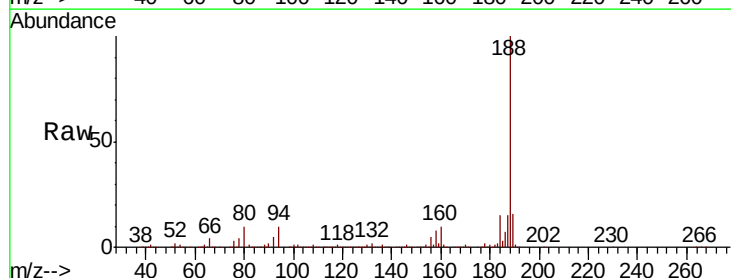
RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

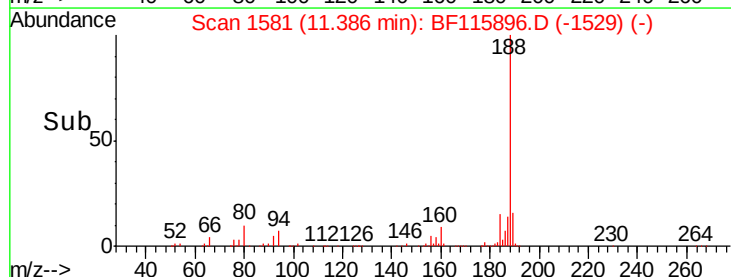
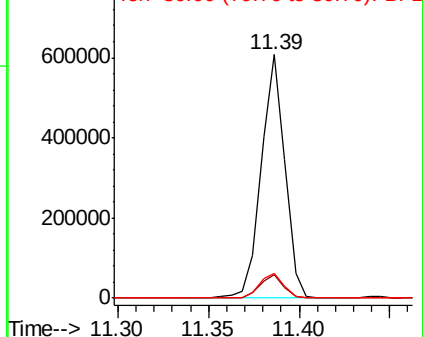
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		550458		
94	9.9	8.0	12.0		
80	10.4	8.6	12.8		

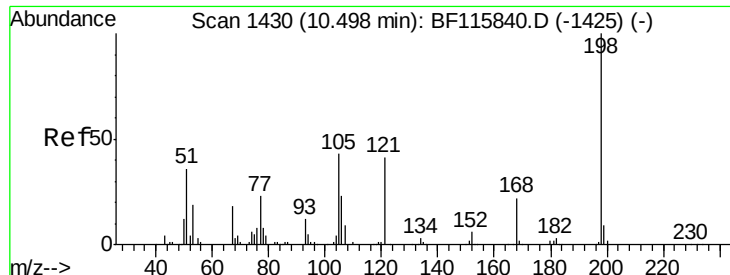


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.806 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

PB121854BSD

Tot Ion:198 Resp: 130702

Ion Ratio Lower Upper

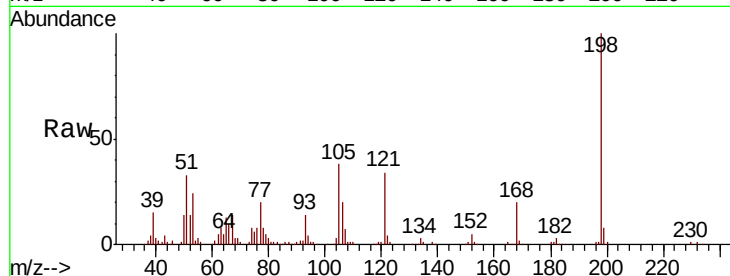
198 100

51 32.9 21.1 61.1

105 37.7 24.5 64.5

Manual Integrations
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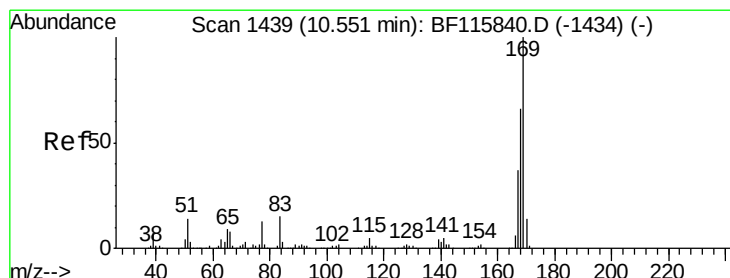
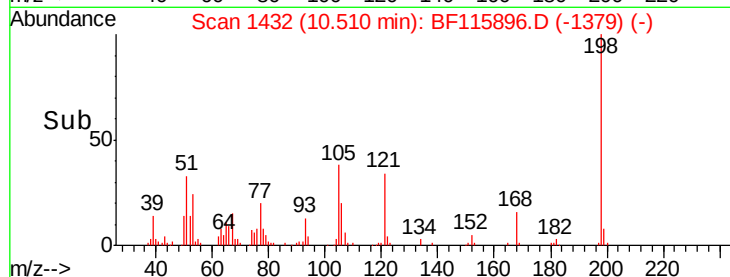
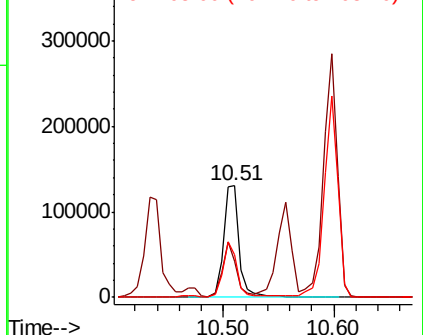
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.795 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

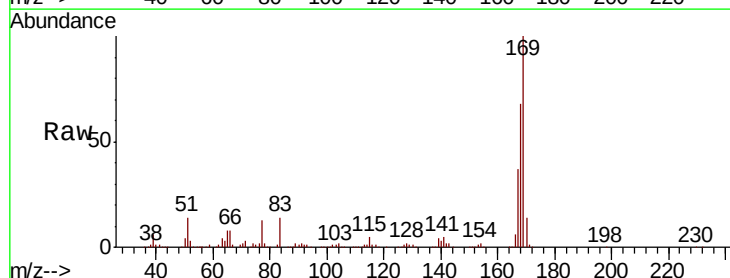
Tgt Ion:169 Resp: 758739

Ion Ratio Lower Upper

169 100

168 67.6 53.0 79.6

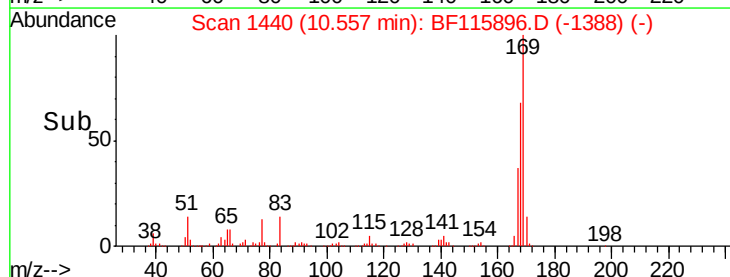
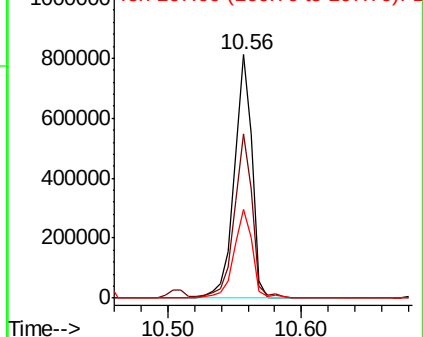
167 36.7 29.9 44.9

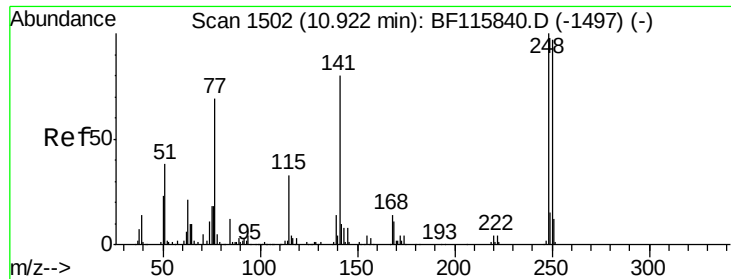


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





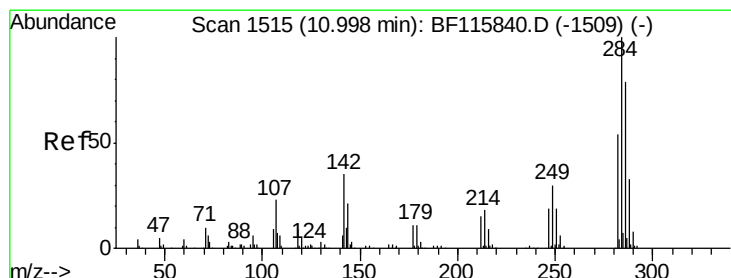
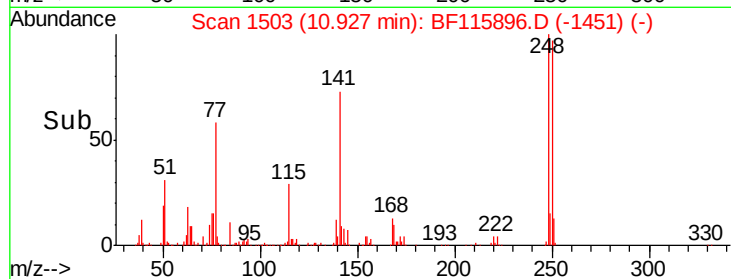
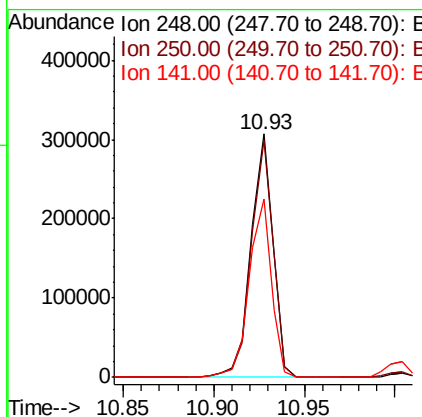
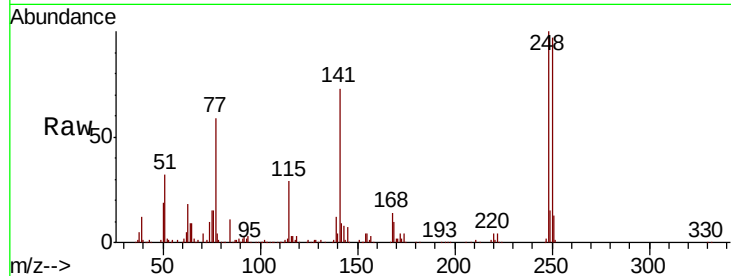
#67
 4-Bromophenyl-phenylether
 Concen: 44.071 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion:	248	Resp:	259696
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.8	116.6
141	73.3	64.3	96.5

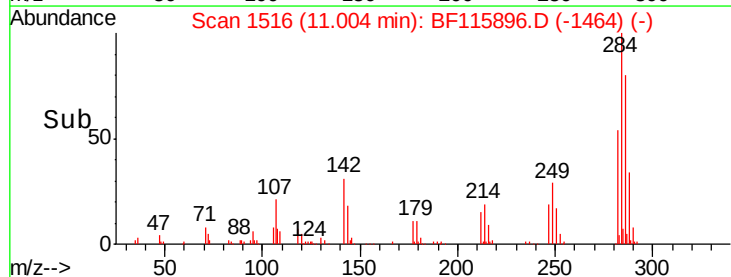
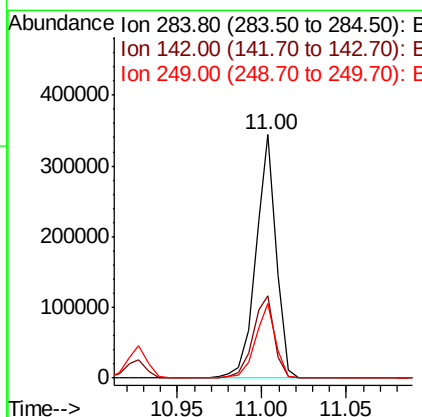
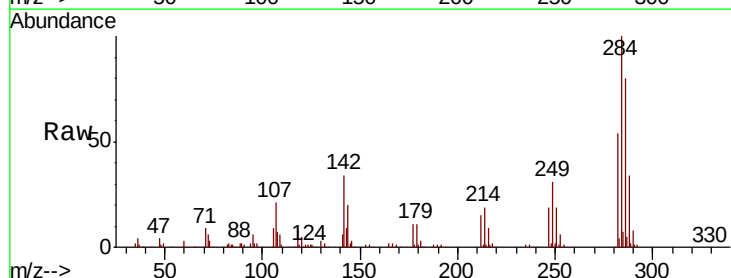
Manual Integrations
 APPROVED

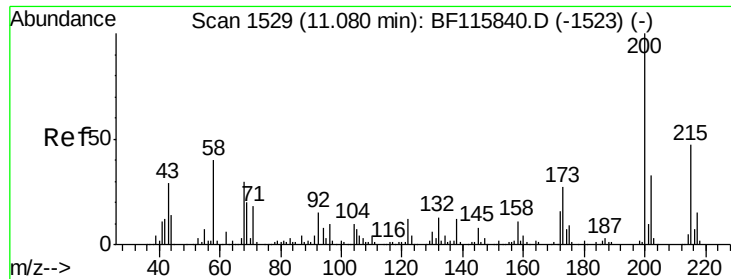
mohammad
 8/5/2019 1:47:46 PM



#68
 Hexachlorobenzene
 Concen: 42.432 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion:	284	Resp:	289127
Ion Ratio	Lower	Upper	
284	100		
142	33.8	28.2	42.2
249	30.6	24.0	36.0





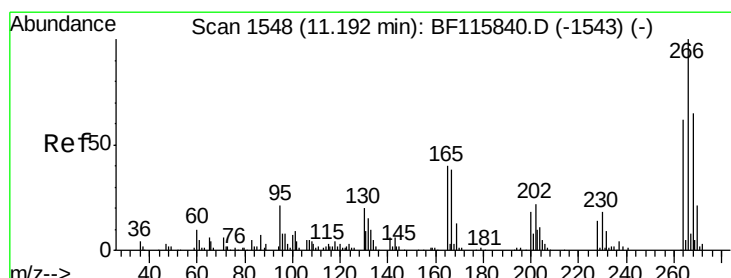
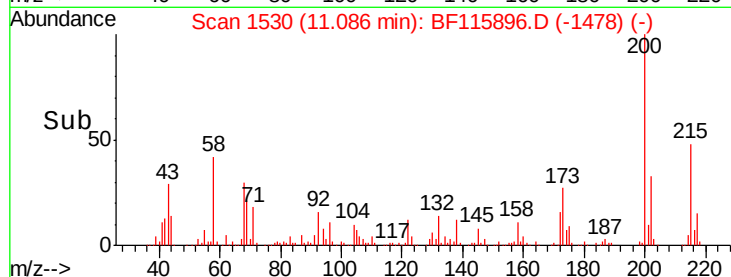
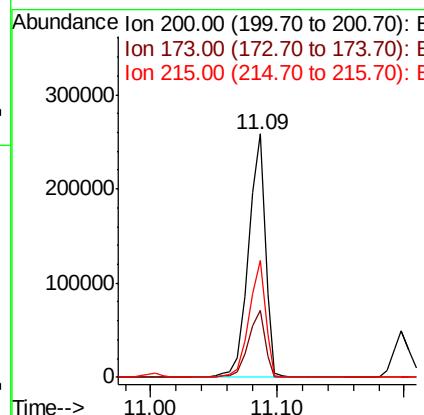
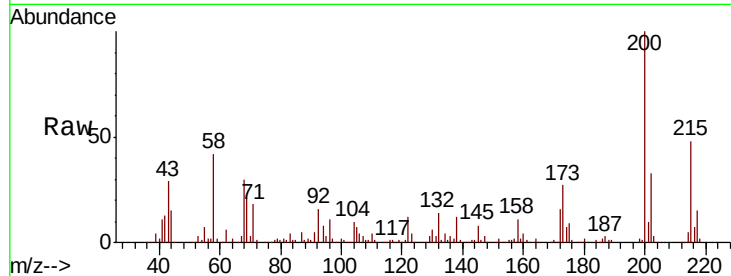
#69
 Atrazine
 Concen: 43.496 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	7.3	47.3
215	48.0	26.9	66.9

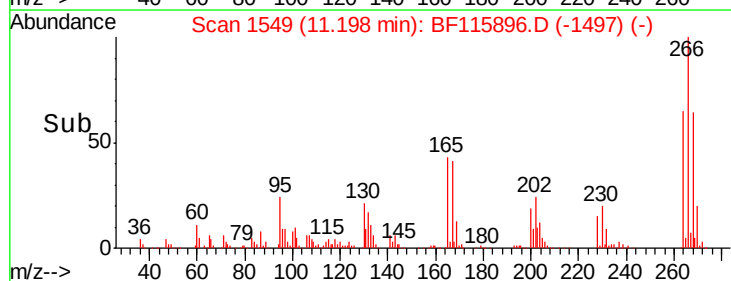
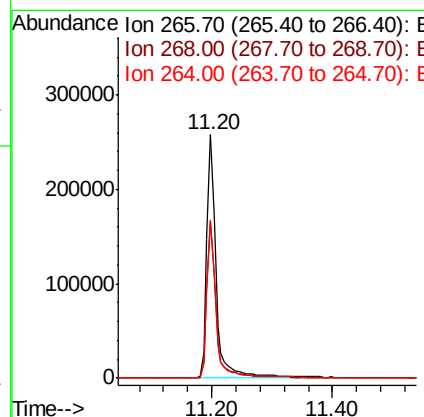
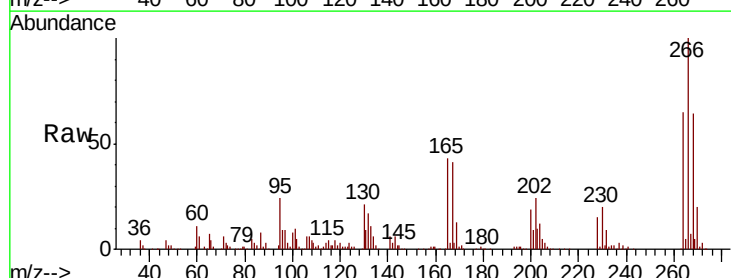
Manual Integrations
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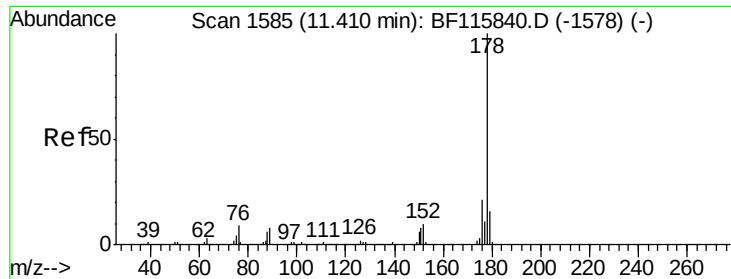
mohammad
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#70
 Pentachlorophenol
 Concen: 86.380 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	51.6	77.4
264	65.0	49.4	74.0





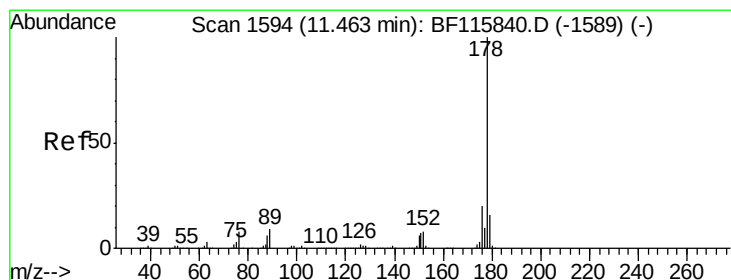
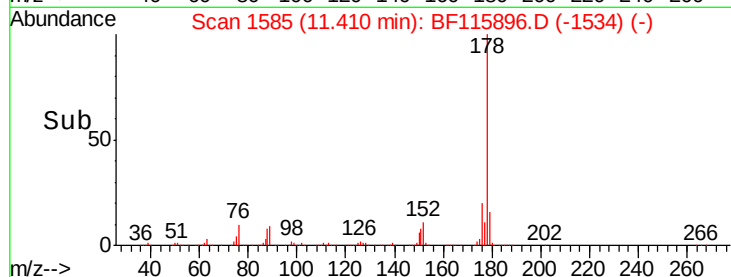
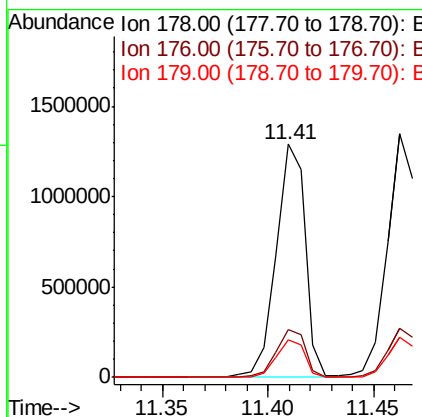
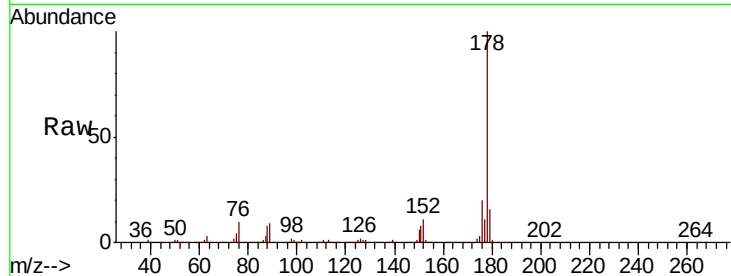
#71
 Phenanthrene
 Concen: 44.090 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	16.0	12.6	18.8

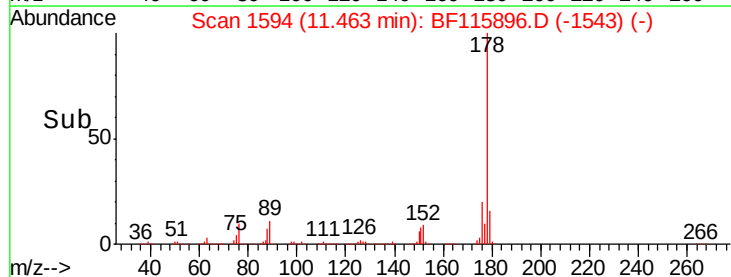
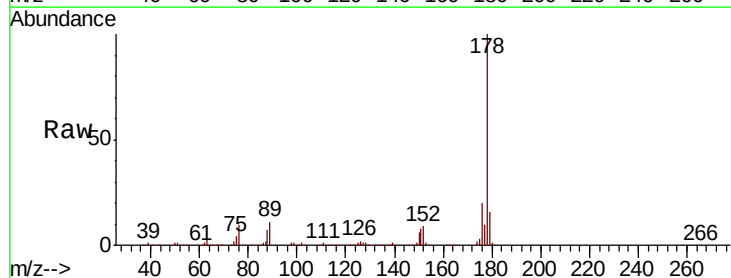
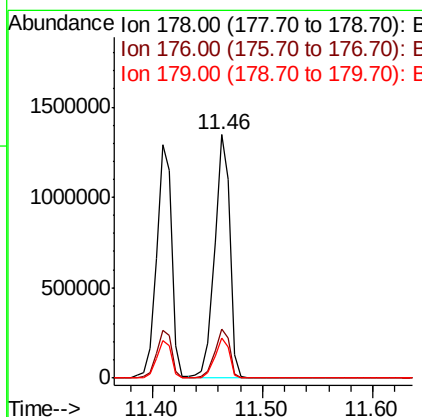
Manual Integrations
 APPROVED

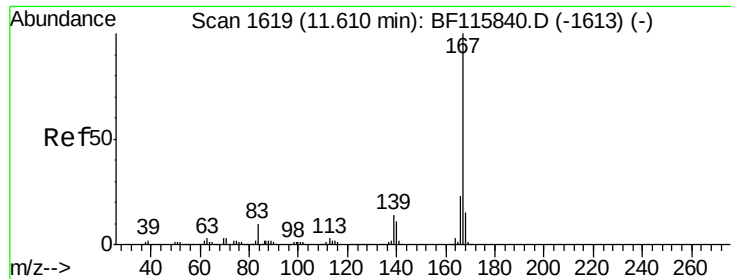
mohammad
 8/5/2019 1:47:46 PM



#72
 Anthracene
 Concen: 44.655 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.3	12.4	18.6





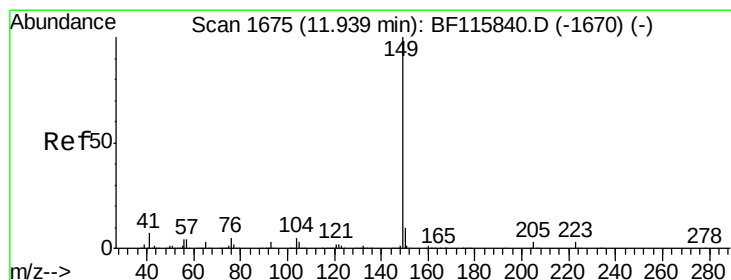
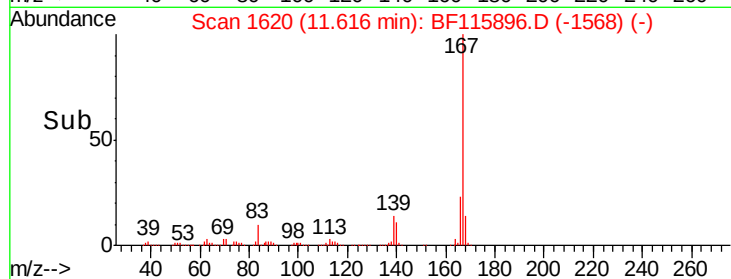
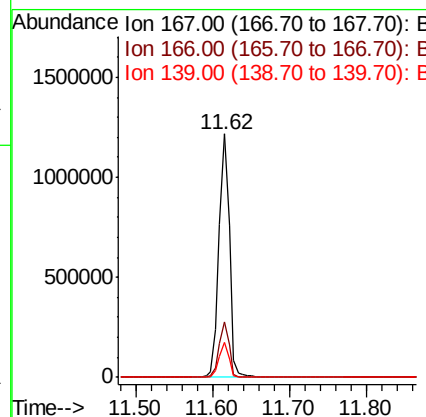
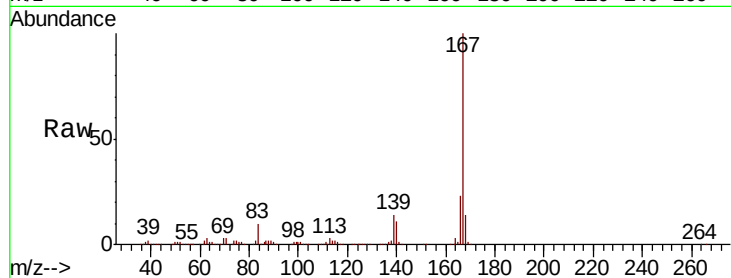
#73
 Carbazole
 Concen: 43.394 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	14.3	11.4	17.2

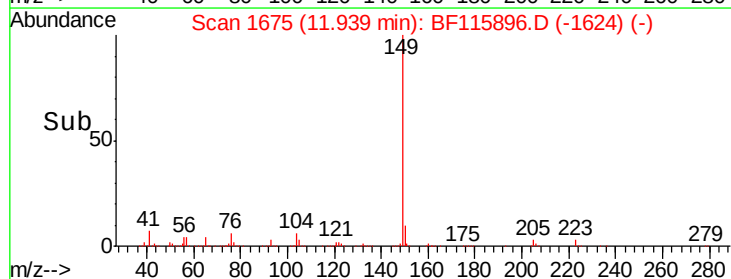
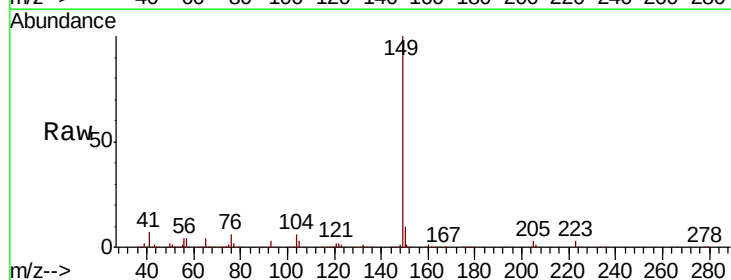
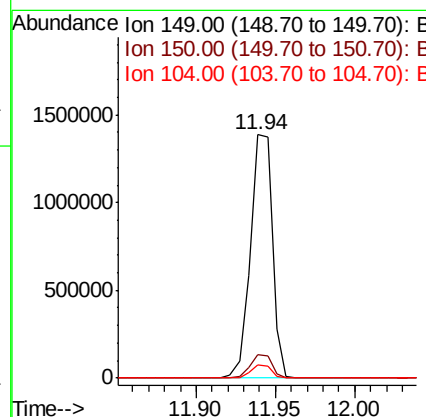
Manual Integrations
 APPROVED

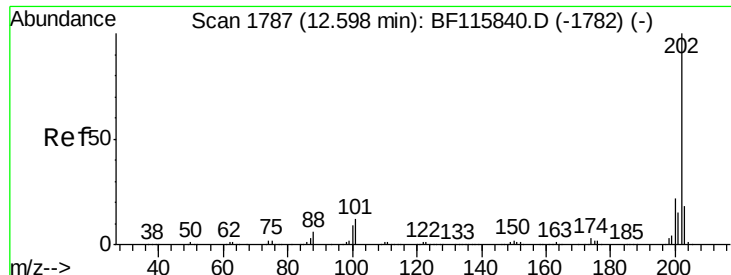
mohammad
 8/5/2019 1:47:46 PM



#74
 Di-n-butylphthalate
 Concen: 44.259 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.5	4.3	6.5





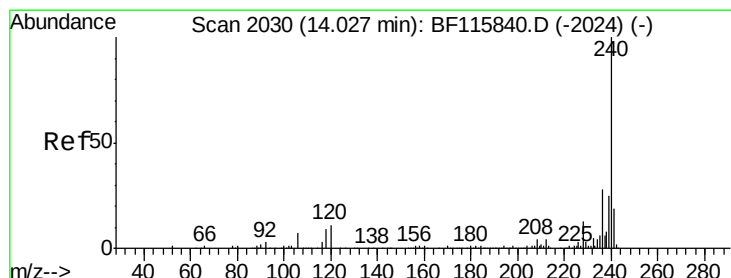
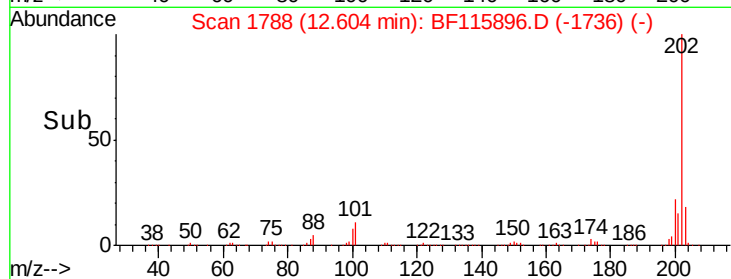
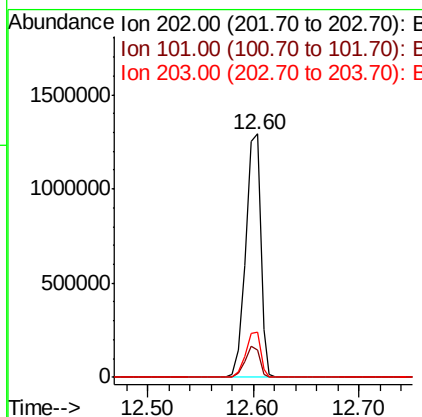
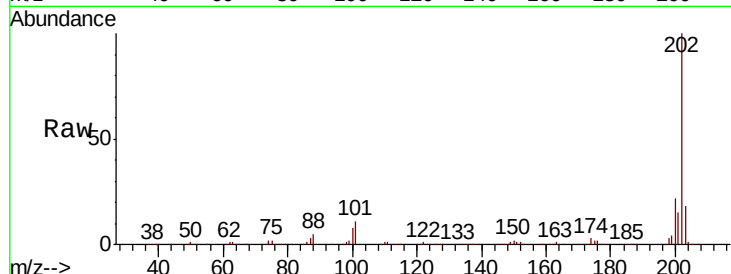
#75
 Fluoranthene
 Concen: 43.183 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1272190		
101	11.2		0.0	31.5
203	18.4		0.0	37.9

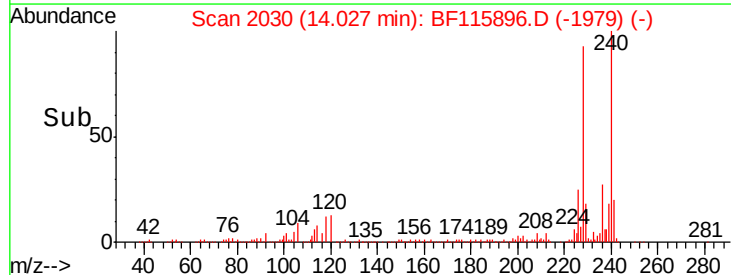
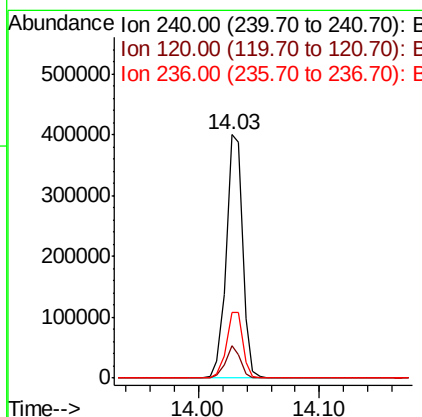
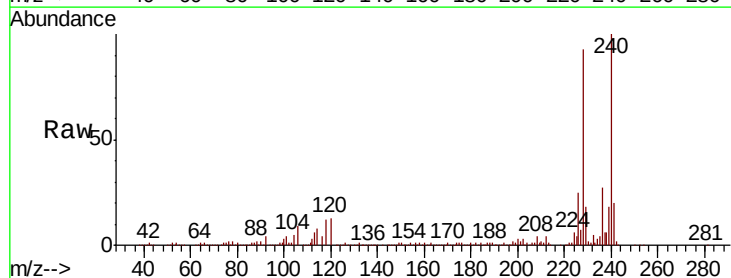
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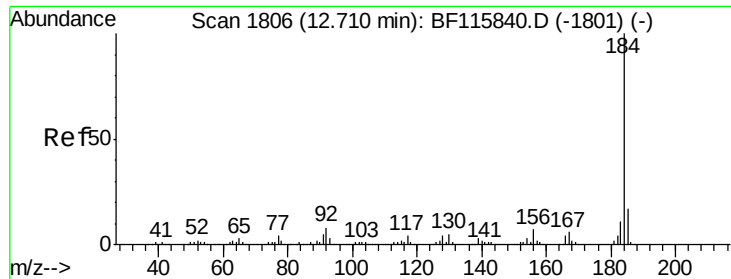
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	377514		
120	13.2		8.5	12.7#
236	27.2		22.2	33.2





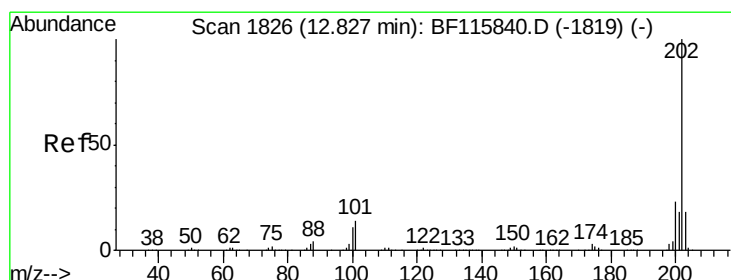
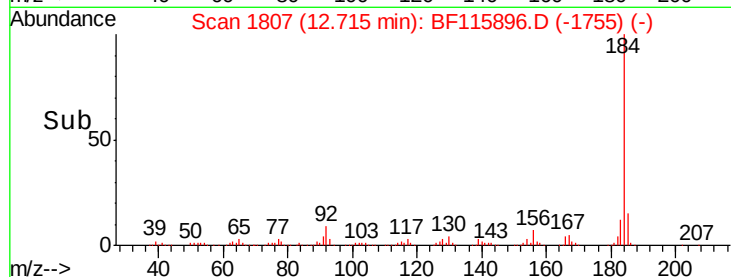
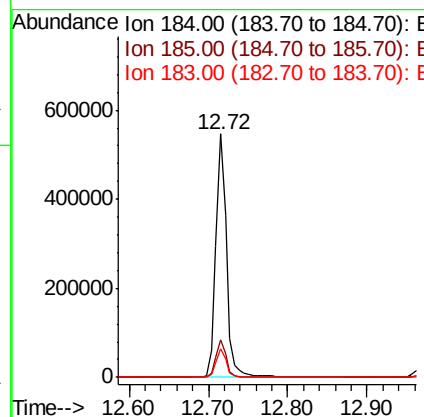
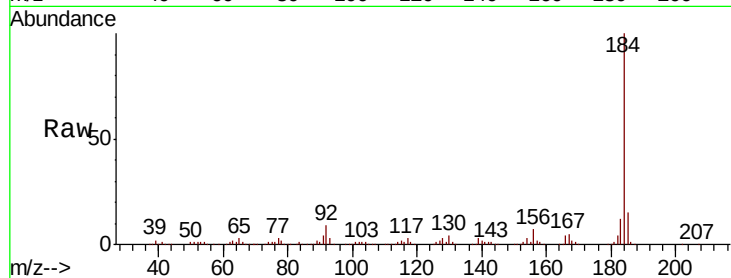
#77
Benzidine
Concen: 40.301 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.2
183	11.6	9.1	13.7

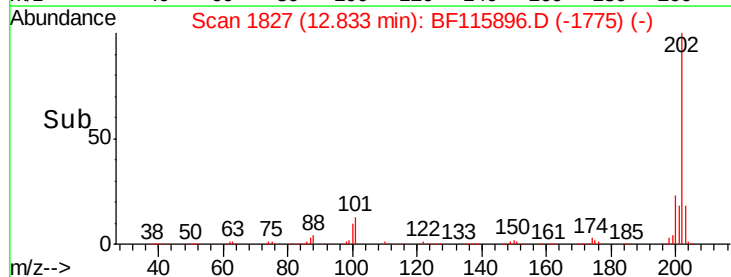
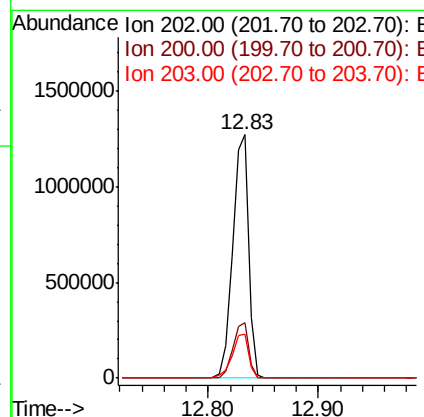
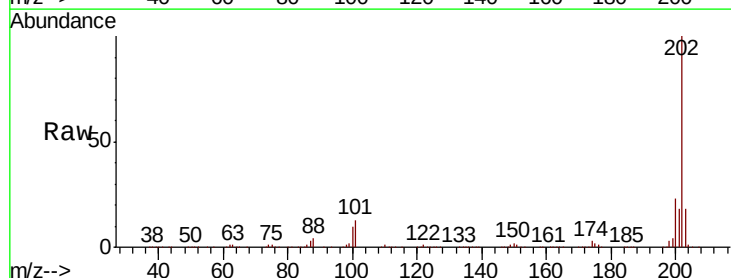
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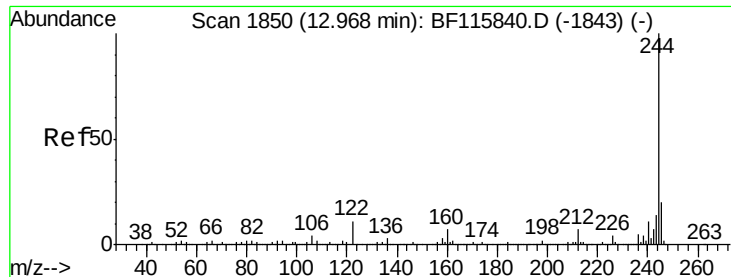
mohammad
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#78
Pyrene
Concen: 45.338 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	18.0	14.3	21.5





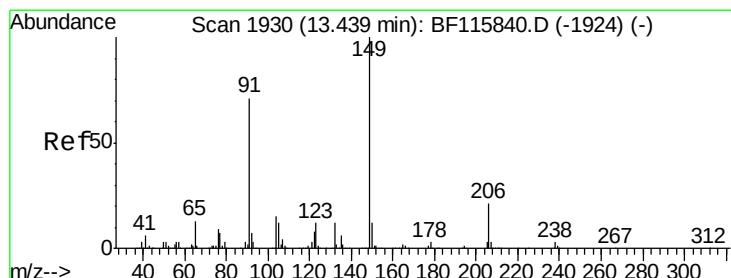
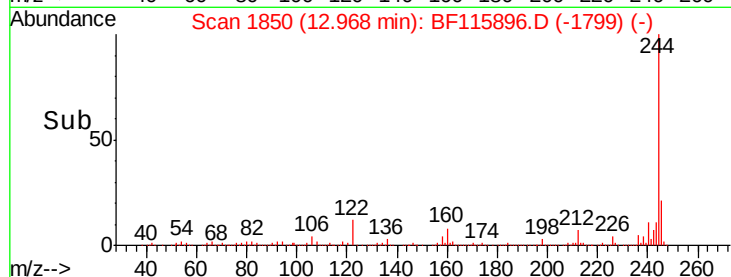
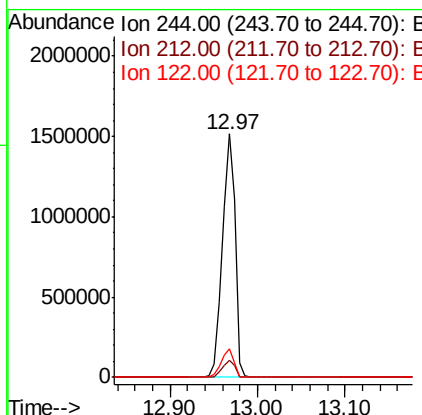
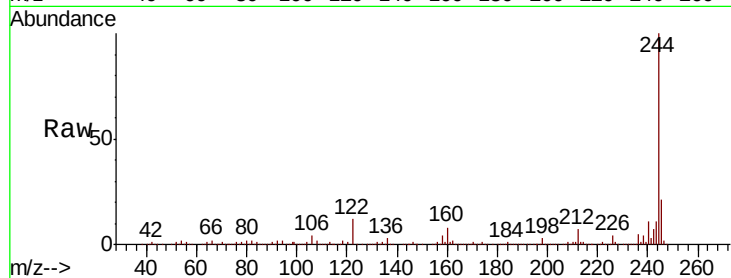
#79
 Terphenyl-d14
 Concen: 85.893 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.9	8.6	13.0

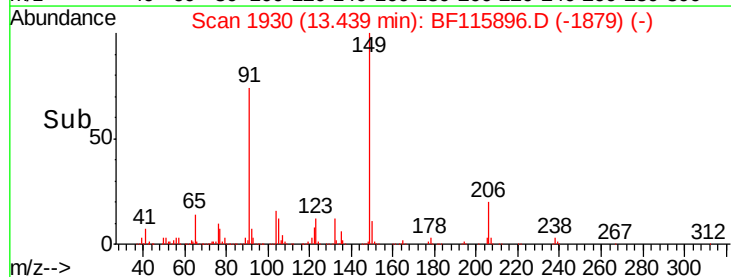
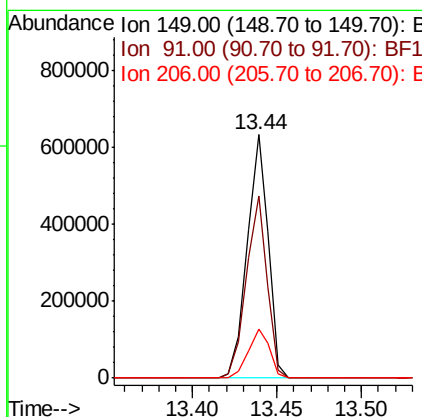
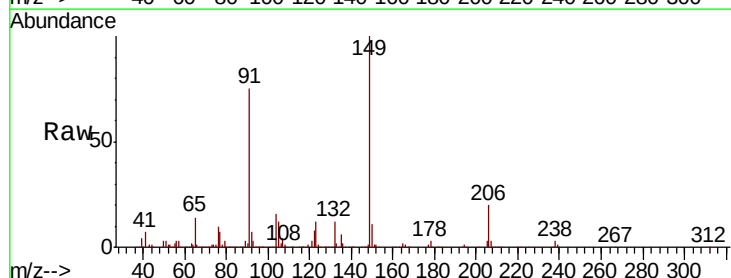
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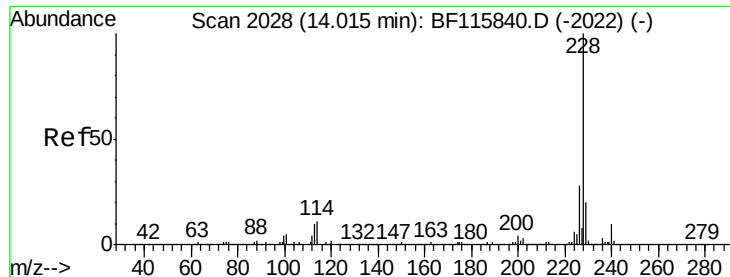
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#80
 Butylbenzylphthalate
 Concen: 45.817 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	57.0	85.6
206	20.4	16.9	25.3





#81

Benzo(a)anthracene

Concen: 43.600 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

PB121854BSD

Tot Ion:228 Resp: 1052046

Ion Ratio Lower Upper

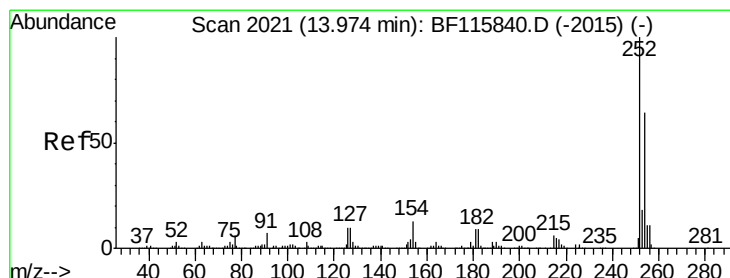
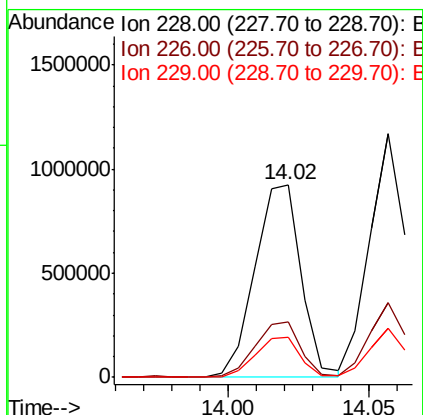
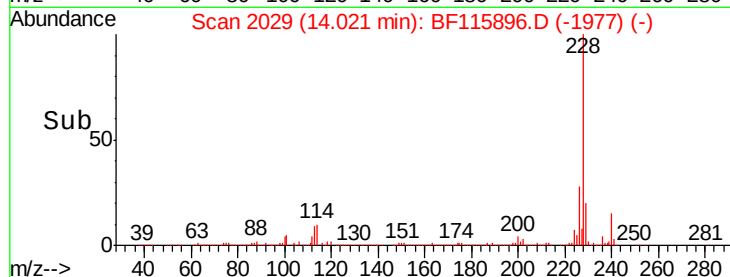
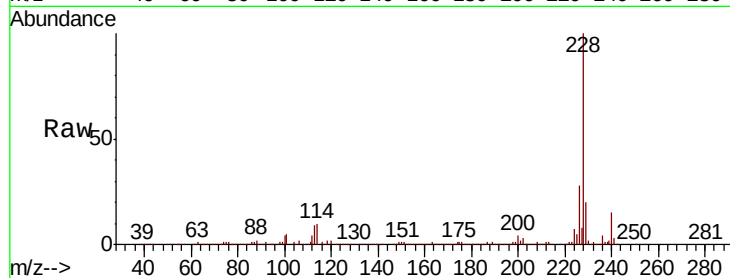
228 100

226 28.5 22.5 33.7

229 20.5 16.1 24.1

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#82

3,3'-Dichlorobenzidine

Concen: 34.001 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

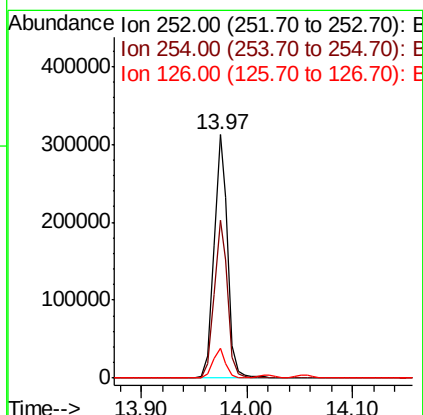
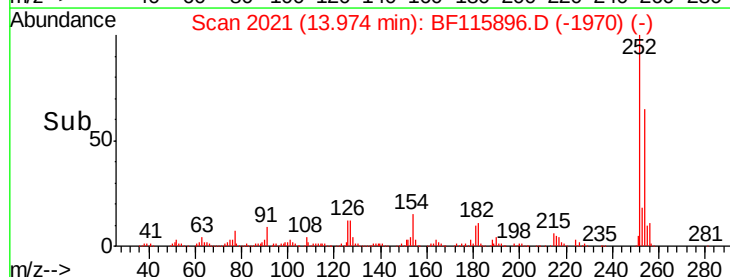
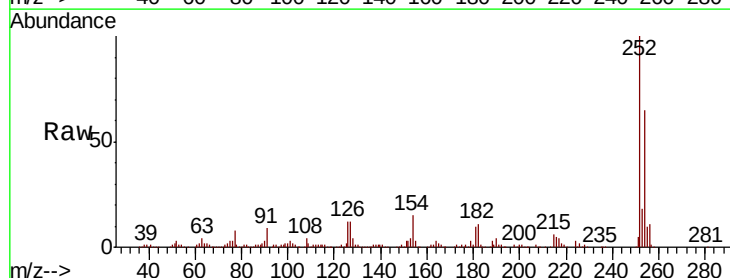
Tgt Ion:252 Resp: 285029

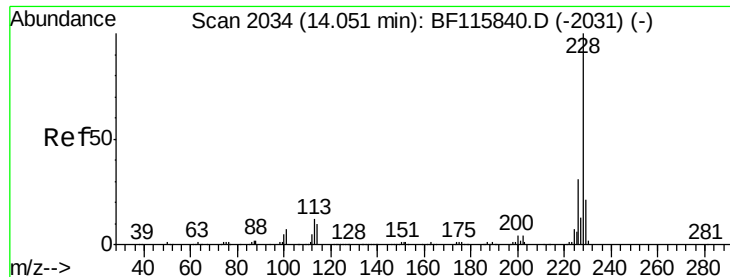
Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

126 12.3 8.1 12.1#





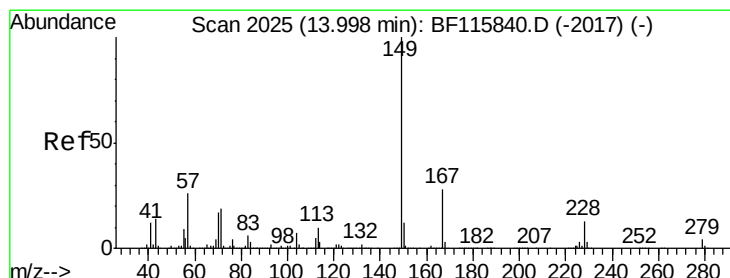
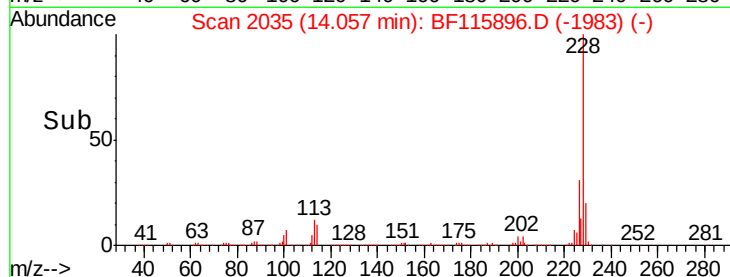
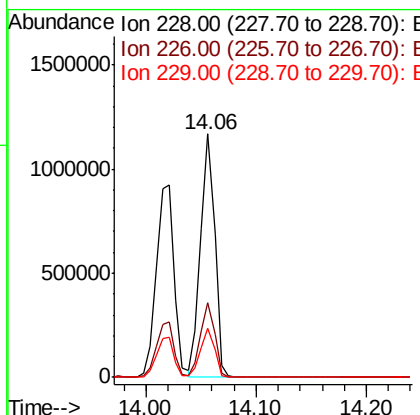
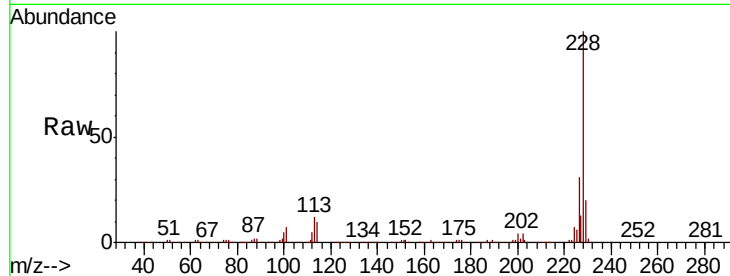
#83
 Chrysene
 Concen: 43.275 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	20.3	16.4	24.6

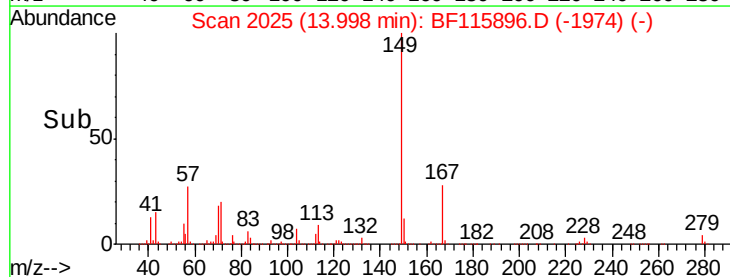
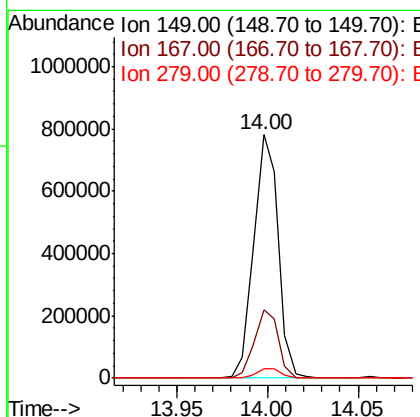
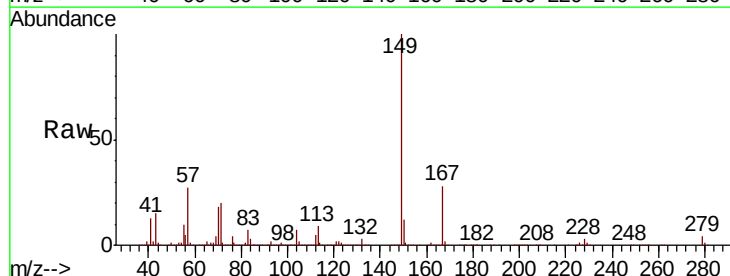
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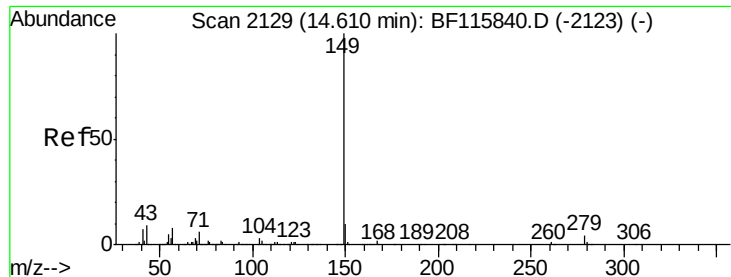
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.622 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	3.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 45.471 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

PB121854BSD

Tot Ion:149 Resp: 1129800

Ion Ratio Lower Upper

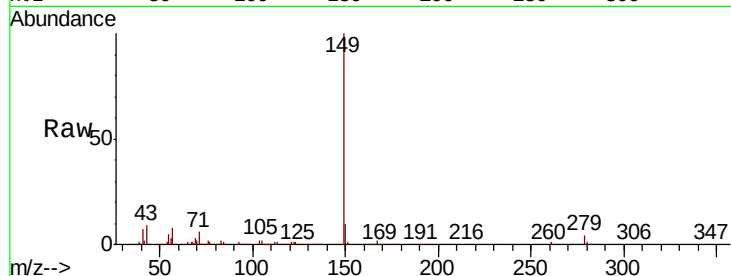
149 100

167 1.6 1.2 1.8

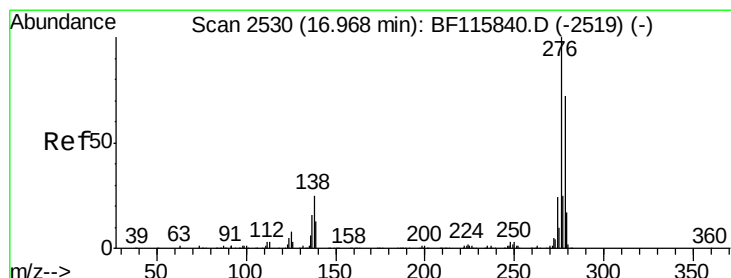
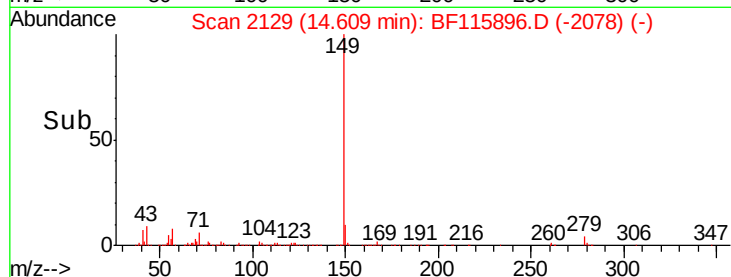
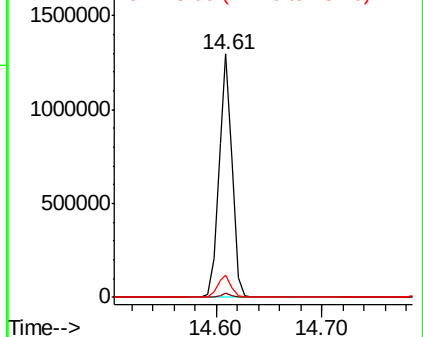
43 9.0 7.4 11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.547 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

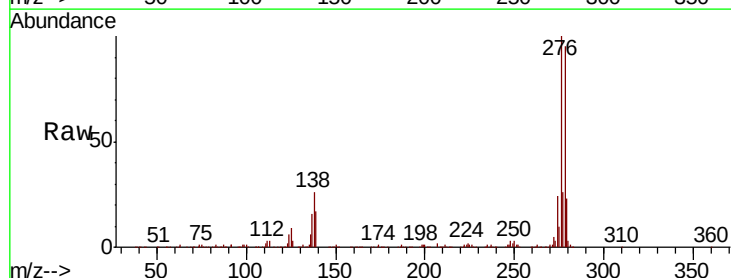
Tgt Ion:276 Resp: 817444

Ion Ratio Lower Upper

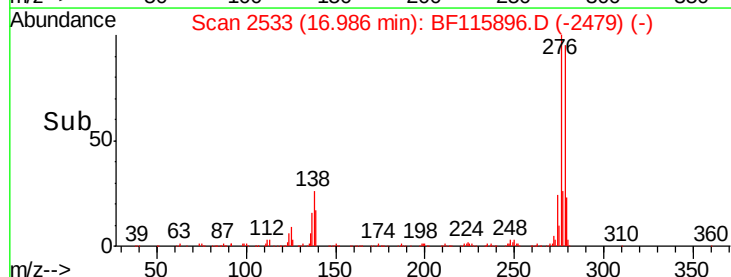
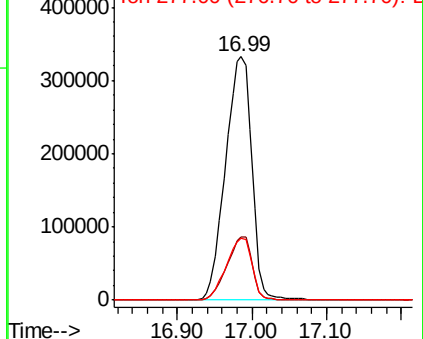
276 100

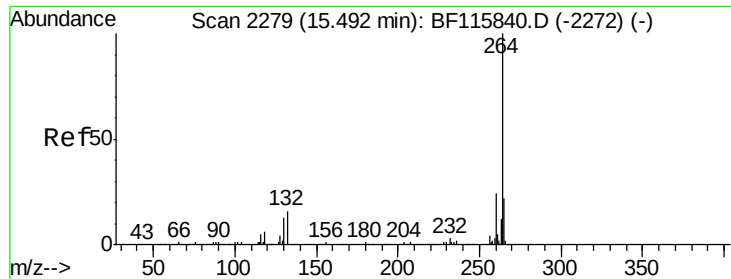
138 25.0 19.6 29.4

277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





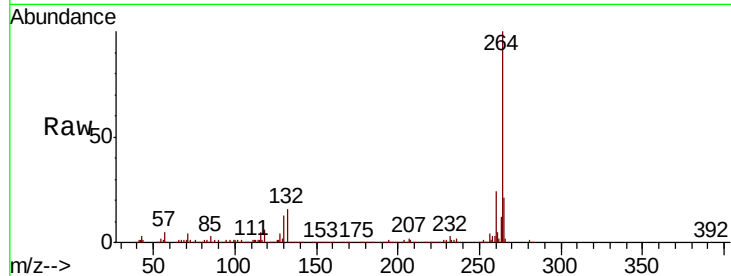
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.5	26.3

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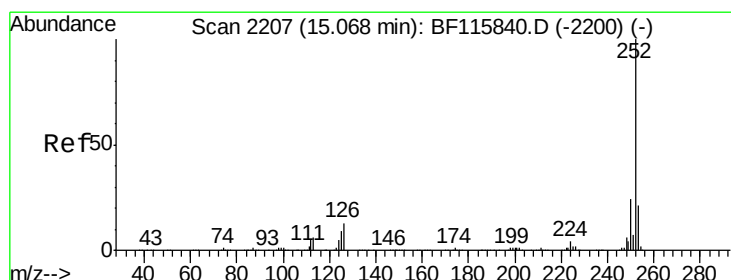
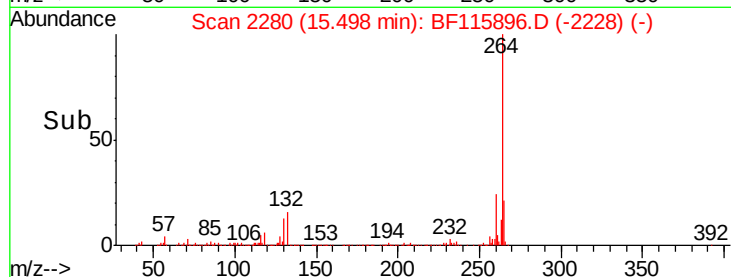
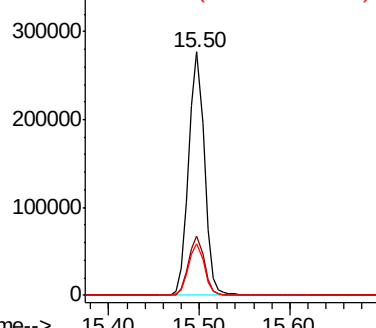


Abundance

Ion 264.00 (263.70 to 264.70): E

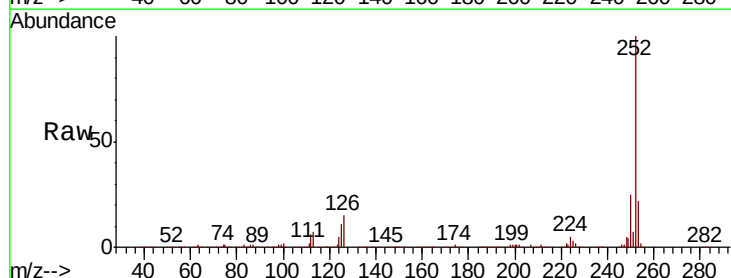
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 49.129 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.4	7.4	11.0

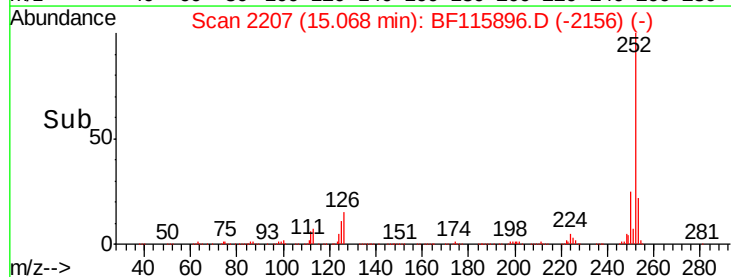
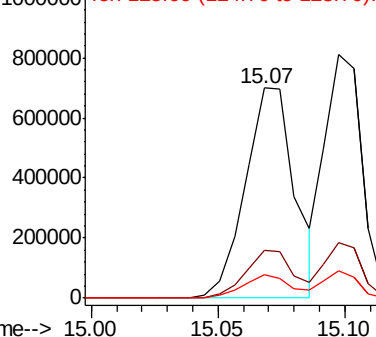


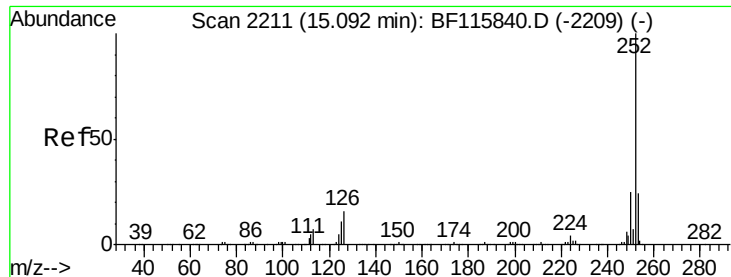
Abundance

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





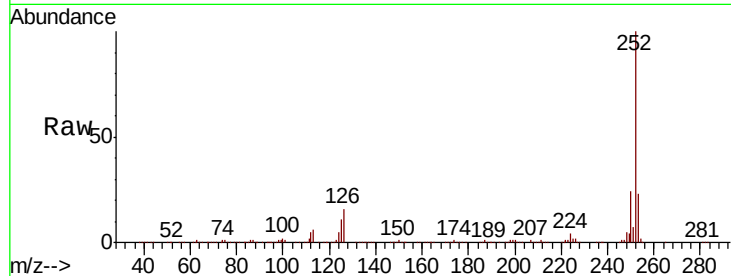
#89
Benzo(k)fluoranthene
Concen: 44.488 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.0	8.9	13.3

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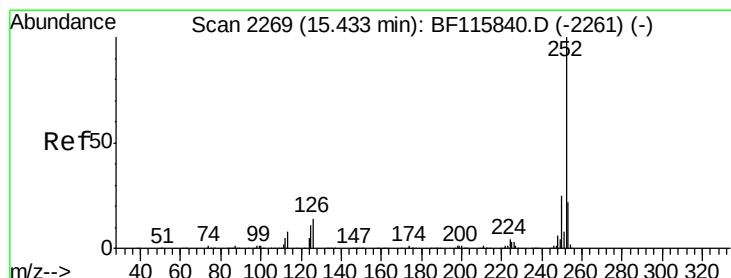
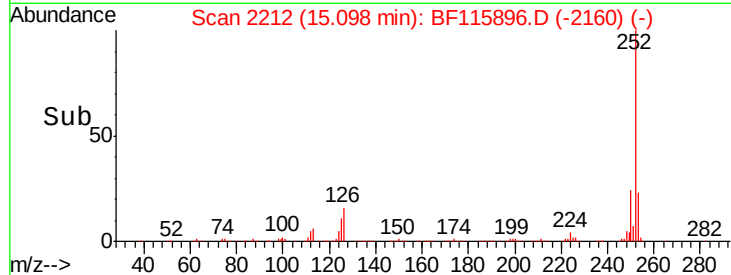
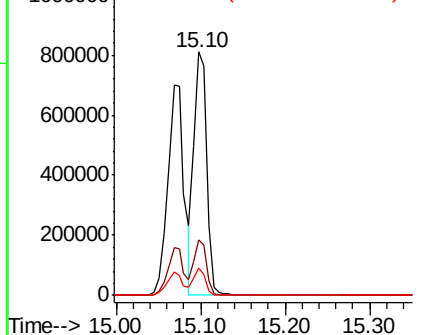


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 47.713 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

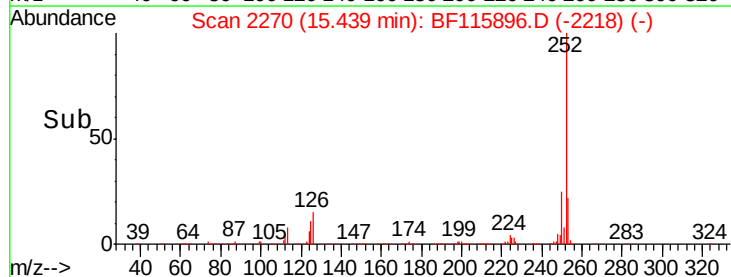
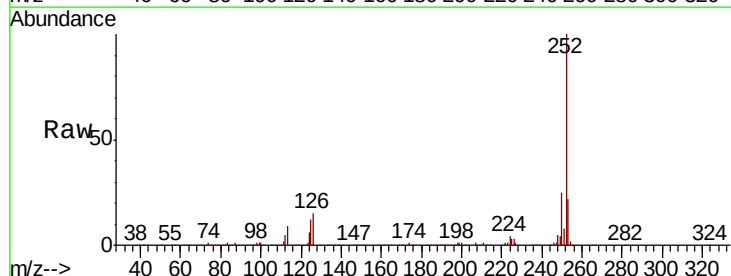
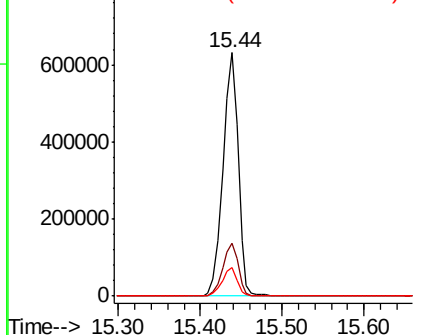
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.5	8.8	13.2

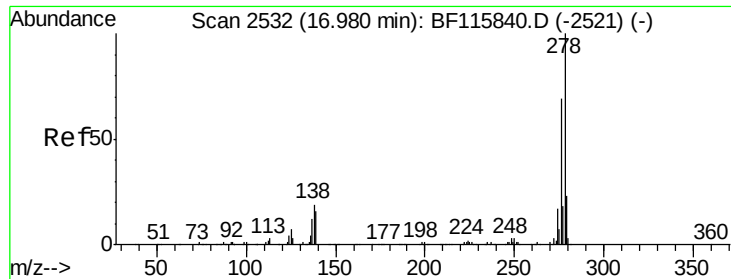
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





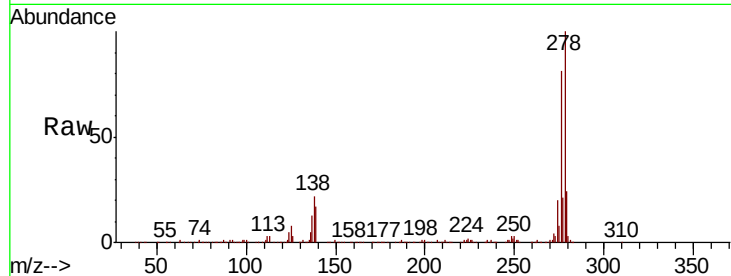
#91
Dibenzo(a,h)anthracene
Concen: 44.510 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :
PB121854BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.4	18.8	28.2

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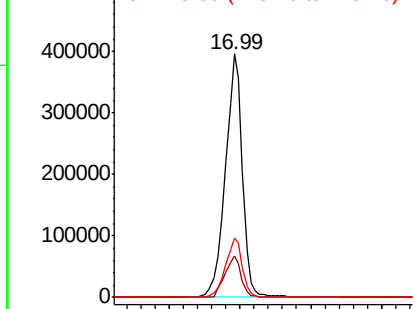


Abundance

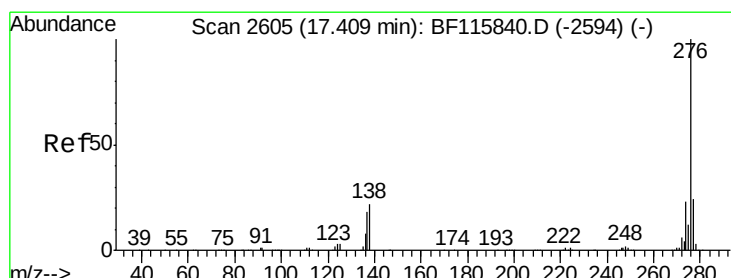
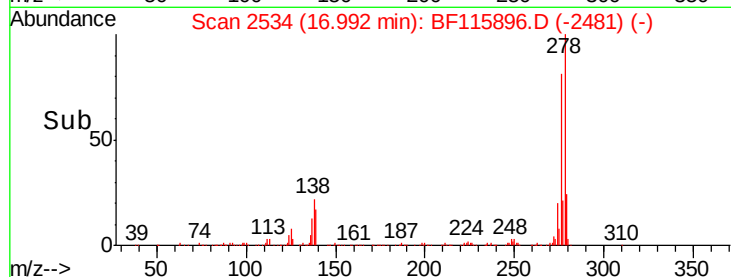
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92
Benzo(g,h,i)perylene
Concen: 46.882 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

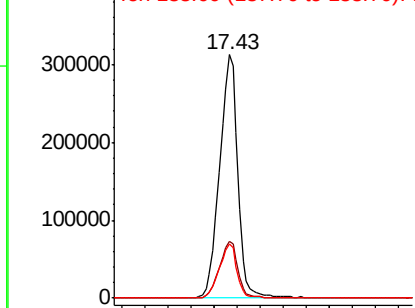
Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.5	29.3
138	22.0	17.8	26.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

