

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116185.D
 Acq On : 12 Aug 2019 12:11
 Operator : HP/JU
 Sample : PB122104BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:24 AM

Quant Time: Aug 12 15:20:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134968	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	563996	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	310599	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	537513	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	372096	20.00	ng	0.00
87) Perylene-d12	15.46	264	299970	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	876914	108.77	ng	0.00
7) Phenol-d6	6.48	99	1095678	107.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	724982	74.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	328359	109.04	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1284652	77.47	ng	-0.01
79) Terphenyl-d14	12.94	244	1463814	82.90	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	154533	37.941	ng	99
3) Pyridine	3.43	79	344138	30.247	ng	99
4) n-Nitrosodimethylamine	3.38	42	154288	34.363	ng	100
6) Aniline	6.50	93	416615	28.599	ng	# 86
8) 2-Chlorophenol	6.63	128	374342	41.989	ng	99
9) Benzaldehyde	6.39	77	112404	16.015	ng	98
10) Phenol	6.49	94	466552	38.949	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	358638	40.723	ng	98
12) 1,3-Dichlorobenzene	6.77	146	392736	38.117	ng	99
13) 1,4-Dichlorobenzene	6.85	146	401832	38.951	ng	99
14) 1,2-Dichlorobenzene	7.00	146	376316	39.615	ng	99
15) Benzyl Alcohol	6.98	79	305666	39.597	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	473997	39.459	ng	98
17) 2-Methylphenol	7.09	107	313434	41.520	ng	99
18) Hexachloroethane	7.34	117	148070	38.984	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	259488	41.167	ng	99
20) 3+4-Methylphenols	7.25	107	382706	42.840	ng	92
22) Acetophenone	7.25	105	508548	41.114	ng	99
24) Nitrobenzene	7.42	77	414600	39.298	ng	98
25) Isophorone	7.66	82	764709	40.931	ng	99
26) 2-Nitrophenol	7.73	139	208424	41.910	ng	97
27) 2,4-Dimethylphenol	7.77	122	336944	45.034	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	472972	40.844	ng	100
29) 2,4-Dichlorophenol	7.98	162	330609	41.849	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	350037	38.870	ng	99
31) Naphthalene	8.13	128	1091837	41.139	ng	99
32) Benzoic acid	7.93	122	192492	36.491	ng	94
33) 4-Chloroaniline	8.19	127	317931	26.810	ng	99
34) Hexachlorobutadiene	8.25	225	196124	37.811	ng	99
35) Caprolactam	8.56	113	101451m	39.706	ng	
36) 4-Chloro-3-methylphenol	8.68	107	347790	42.318	ng	98
37) 2-Methylnaphthalene	8.83	142	729939	41.760	ng	100
38) 1-Methylnaphthalene	8.93	142	686318	41.505	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	336314	40.502	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	130995	38.461	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	219532	38.410	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	230523	39.018	nq	98
46) 1,1'-Biphenyl	9.29	154	891569	40.659	nq	98
47) 2-Chloronaphthalene	9.32	162	707453	38.763	nq	97
48) 2-Nitroaniline	9.42	65	222721	36.920	nq	99
49) Acenaphthylene	9.73	152	1064756	39.989	nq	99
50) Dimethylphthalate	9.59	163	846004	40.003	nq	100
51) 2,6-Dinitrotoluene	9.66	165	184420	40.127	nq	98
52) Acenaphthene	9.90	154	644535	39.458	nq	100
53) 3-Nitroaniline	9.83	138	146797	25.850	nq	96
54) 2,4-Dinitrophenol	9.95	184	153922	67.230	nq	99
55) Dibenzofuran	10.08	168	925567	38.963	nq	100
56) 4-Nitrophenol	10.01	139	235778	64.812	nq	95
57) 2,4-Dinitrotoluene	10.07	165	235631	38.508	nq	95
58) Fluorene	10.42	166	753859	41.248	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	200653	40.368	nq	99
60) Diethylphthalate	10.29	149	818943	41.477	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	378835	40.928	nq	98
62) 4-Nitroaniline	10.45	138	197990	33.736	nq	99
63) Azobenzene	10.57	77	832112	40.973	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	120956	42.464	nq	90
66) n-Nitrosodiphenylamine	10.53	169	667770	41.275	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	235517	40.931	nq	99
68) Hexachlorobenzene	10.97	284	257910	38.762	nq	98
69) Atrazine	11.06	200	208026	39.085	nq	100
70) Pentachlorophenol	11.17	266	241648	74.806	nq	98
71) Phenanthrene	11.39	178	1107451	40.302	nq	99
72) Anthracene	11.43	178	1145197	41.180	nq	99
73) Carbazole	11.59	167	1042231	41.309	nq	99
74) Di-n-butylphthalate	11.91	149	1267877	43.078	nq	99
75) Fluoranthene	12.57	202	1164827	40.491	nq	99
77) Benzidine	12.69	184	332313	26.435	nq	98
78) Pyrene	12.80	202	1174150	41.860	nq	100
80) Butylbenzylphthalate	13.40	149	520536	43.872	nq	94
81) Benzo(a)anthracene	13.99	228	956765	40.229	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	285513	34.555	nq	98
83) Chrysene	14.03	228	952419	41.249	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	719694	46.678	nq	99
85) Di-n-octyl phthalate	14.57	149	1119286	45.704	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	769963	39.703	nq	100
88) Benzo(b)fluoranthene	15.04	252	789815	45.537	nq	99
89) Benzo(k)fluoranthene	15.07	252	839190	49.674	nq	99
90) Benzo(a)pyrene	15.40	252	771911	49.785	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	651180	48.519	nq	99
92) Benzo(g,h,i)perylene	17.38	276	639811	48.541	nq	98

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

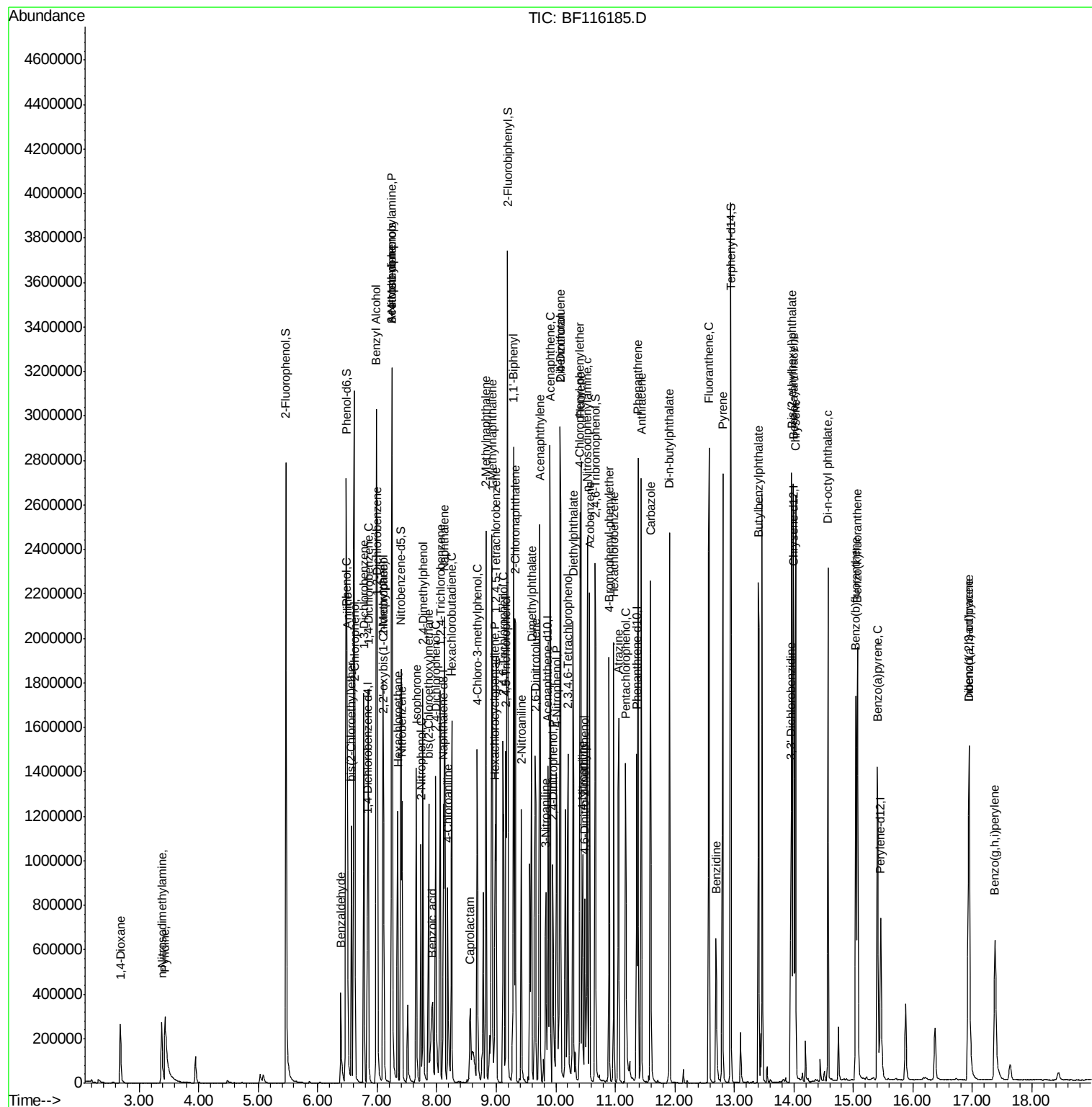
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

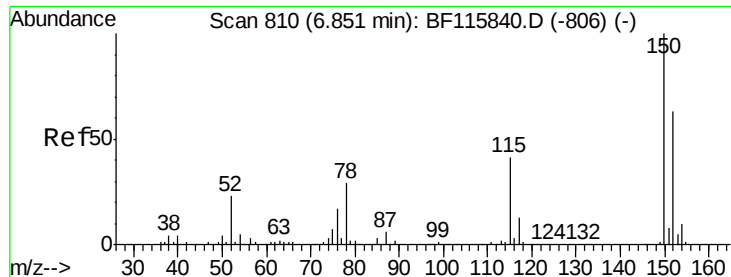
Instrument :
BNA_F
ClientSampled :
PB122104BS

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#1

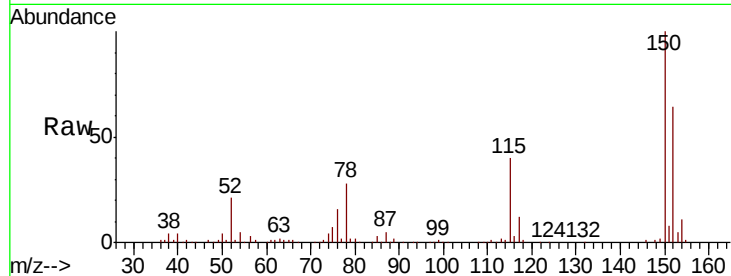
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	62.0	49.9	74.9

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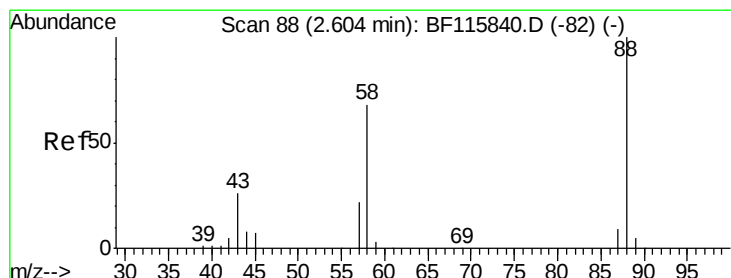
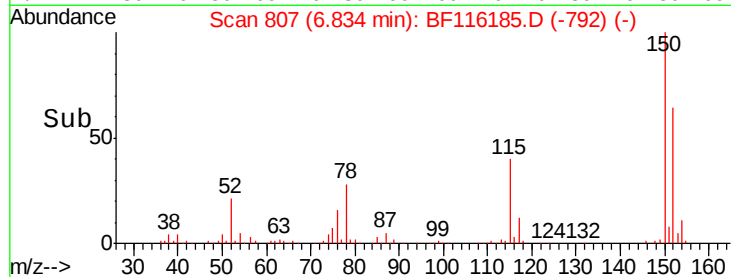
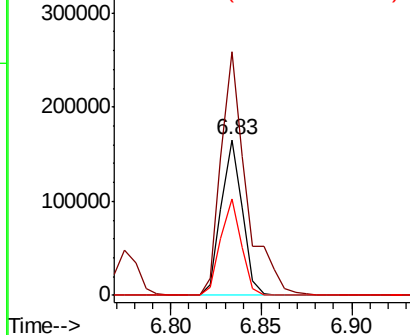


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

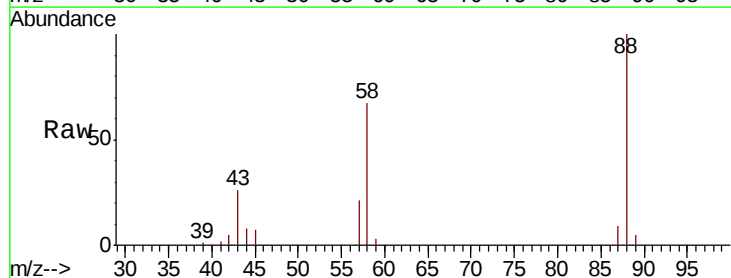
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.941 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.08 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	53.7	80.5
43	25.8	21.0	31.4

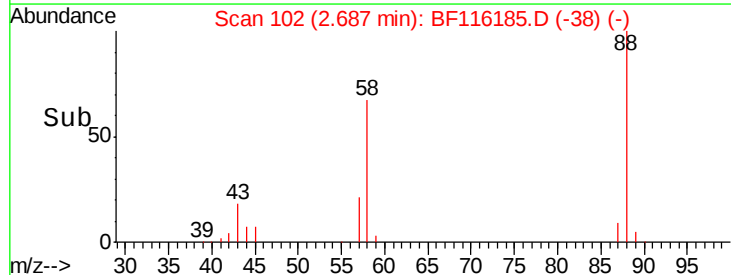
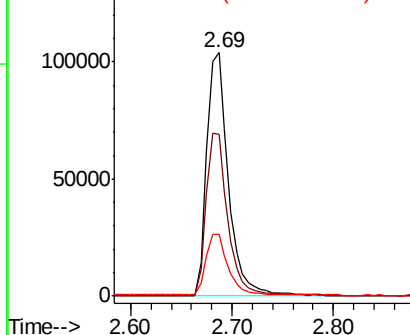


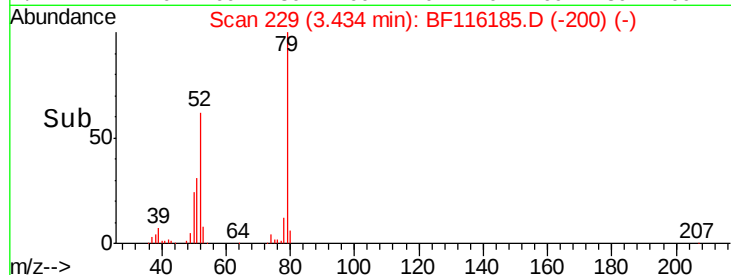
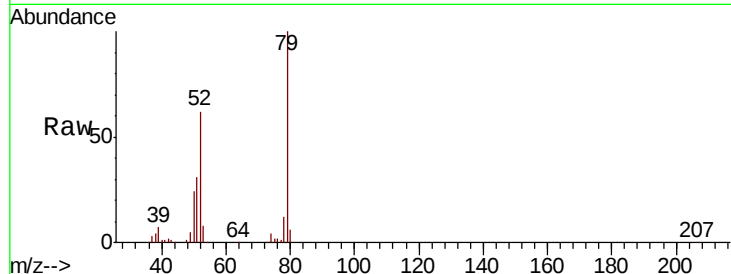
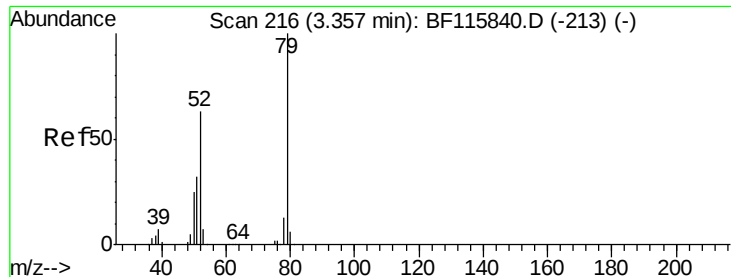
Abundance

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





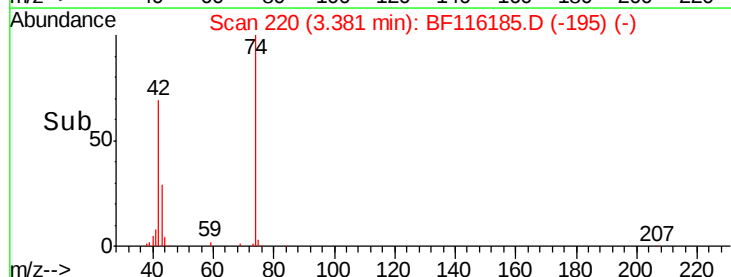
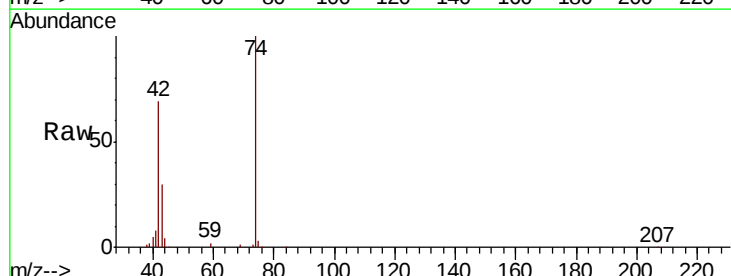
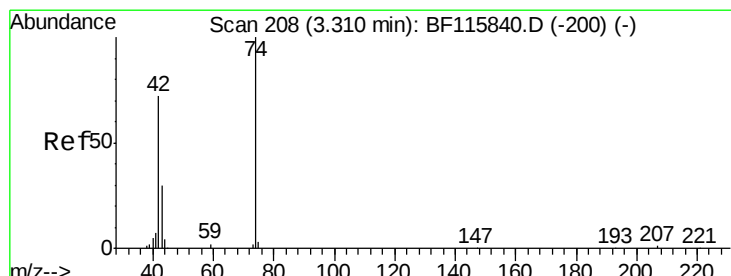
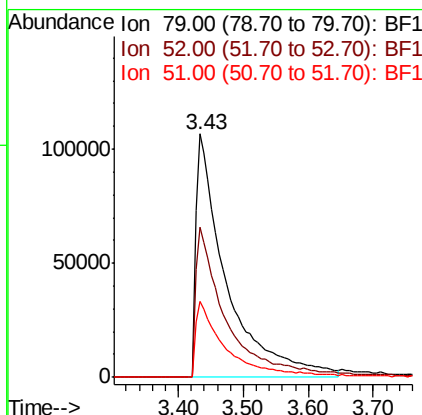
#3
Pvridine
Concen: 30.247 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.07 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tot Ion	Ratio	Resp	Lower	Upper
79	100	344138		
52	61.8		49.8	74.8
51	31.3		25.2	37.8

Instrument :
BNA_F
ClientSampleId :
PB122104BS

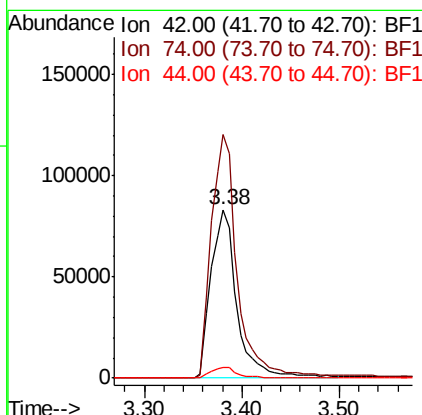
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#4
n-Nitrosodimethylamine
Concen: 34.363 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.05 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	154288		
74	144.8		116.0	174.0
44	6.4		4.6	7.0





#5

2-Fluorophenol

Concen: 108.767 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

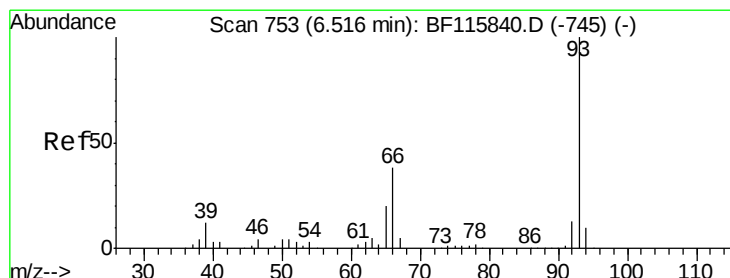
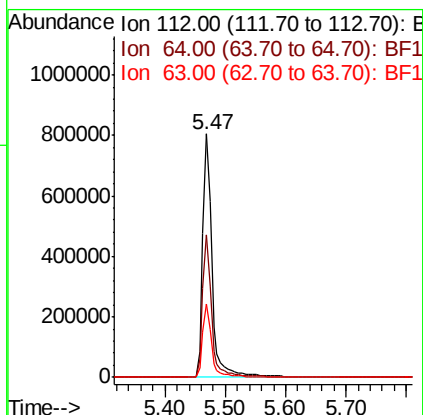
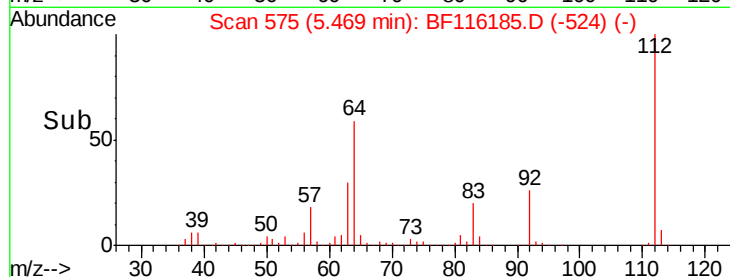
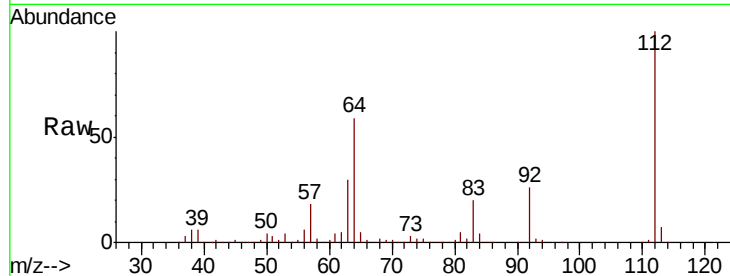
ClientSampleId :

PB122104BS

Tot Ion:	112	Resp:	876914
Ion Ratio	Lower	Upper	
112	100		
64	58.6	45.4	68.2
63	30.3	23.7	35.5

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#6

Aniline

Concen: 28.599 ng

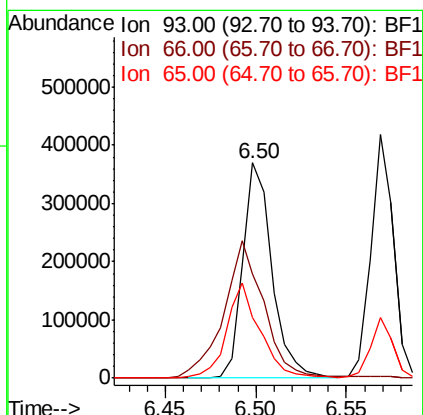
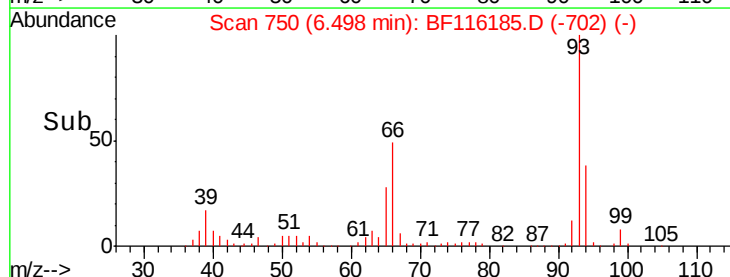
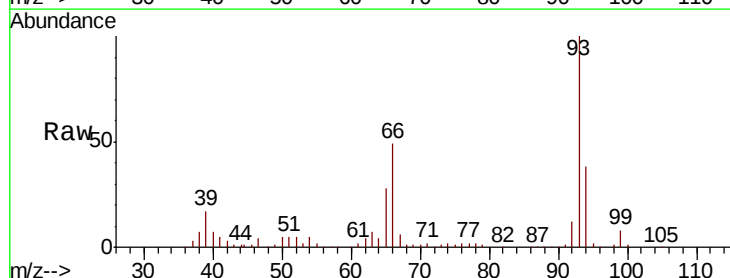
RT: 6.50 min Scan# 750

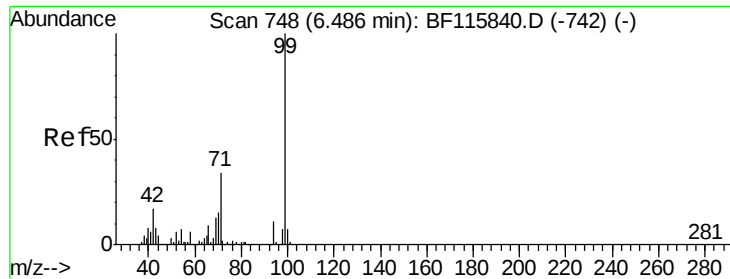
Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Tgt Ion:	93	Resp:	416615
Ion Ratio	Lower	Upper	
93	100		
66	48.5	32.2	48.4#
65	28.0	17.0	25.6#





#7

Phenol-d6

Concen: 107.715 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tot Ion: 99 Resp: 1095678

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

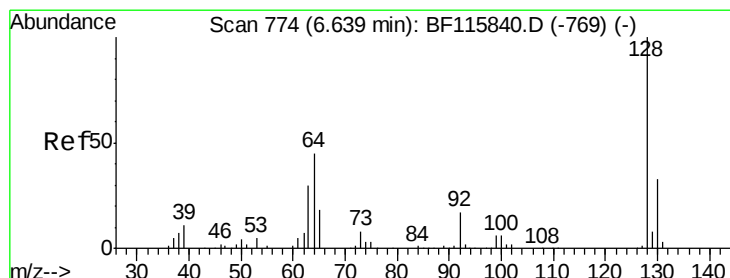
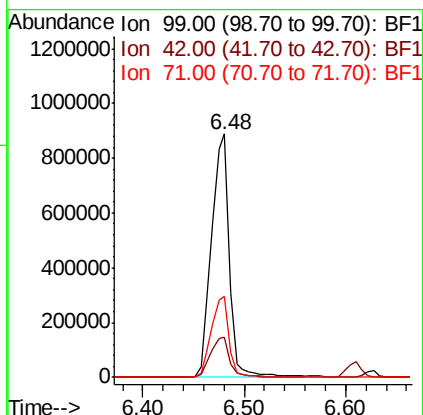
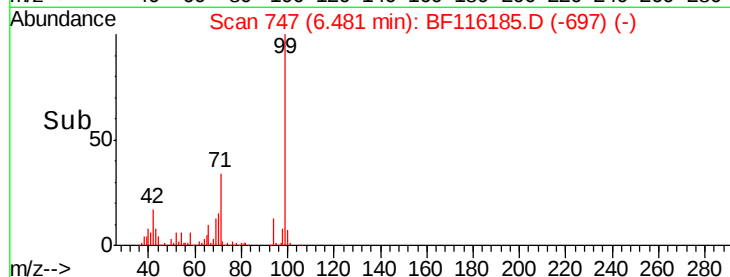
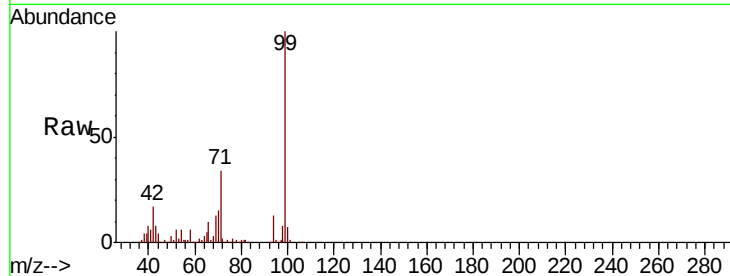
71 33.5 27.3 40.9

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#8

2-Chlorophenol

Concen: 41.989 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

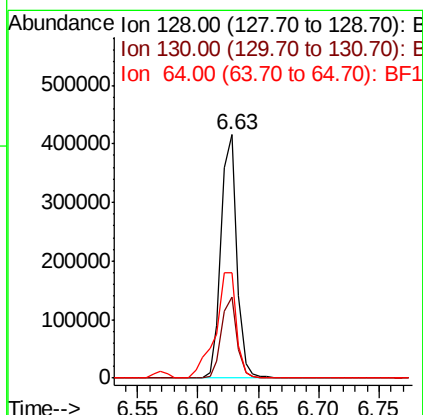
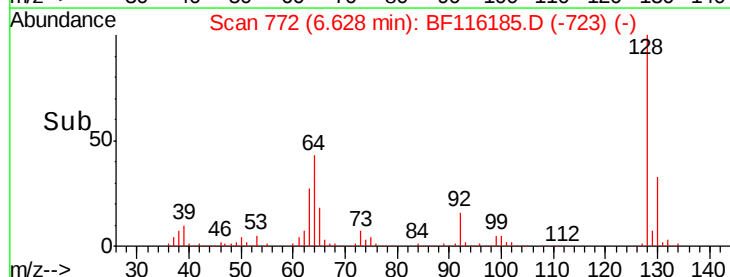
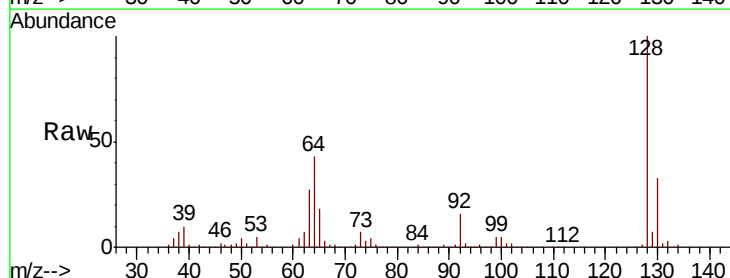
Tgt Ion: 128 Resp: 374342

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 43.4 24.3 64.3





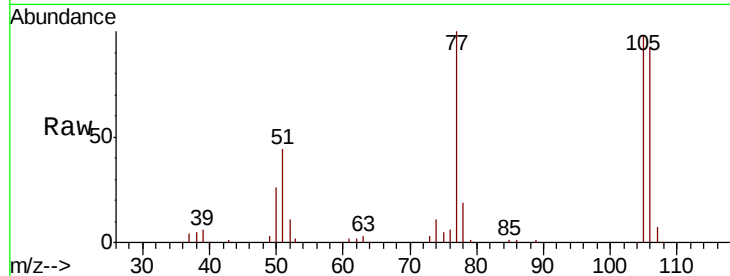
#9
Benzaldehyde
Concen: 16.015 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.6	79.2	119.2
106	91.8	74.3	114.3

Manual Integrations
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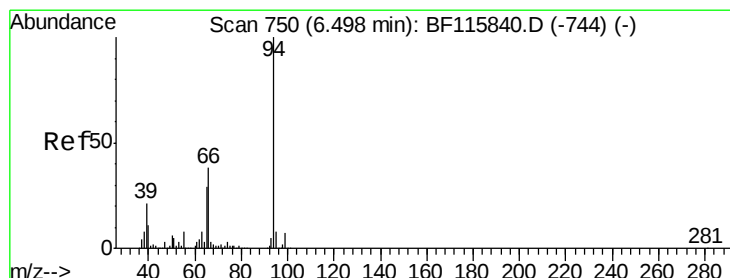
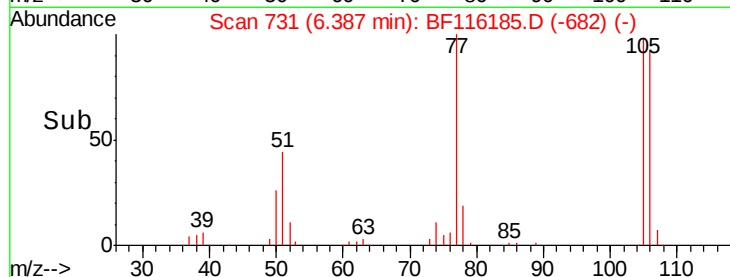
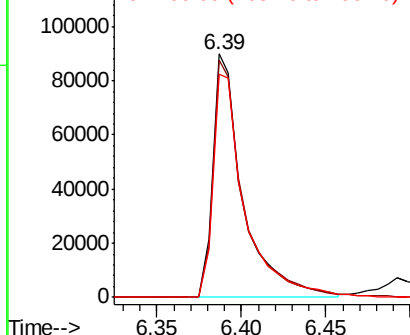


Abundance

Ion 77.00 (76.70 to 77.70): BF1

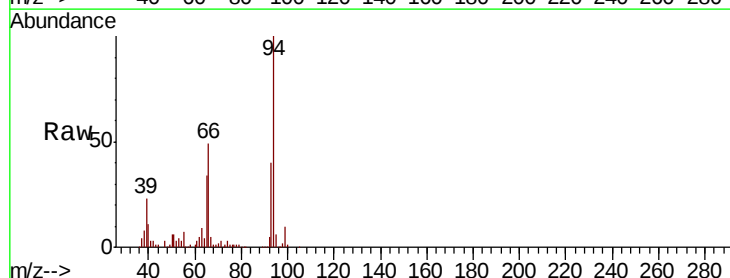
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10
Phenol
Concen: 38.949 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	16.8	56.8
66	48.7	34.2	74.2

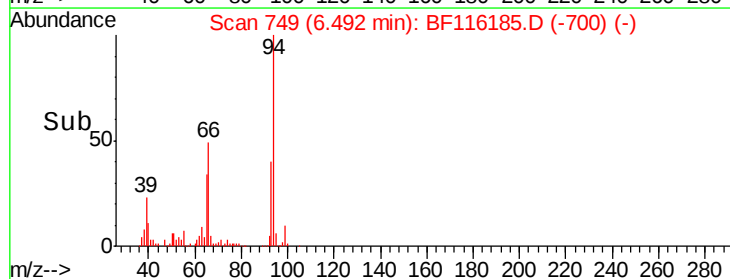
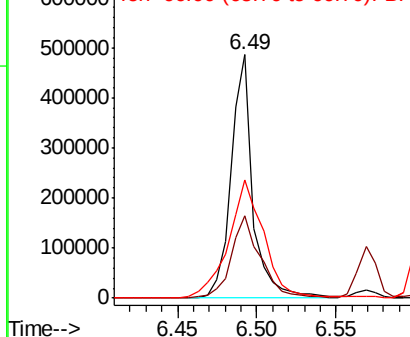


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

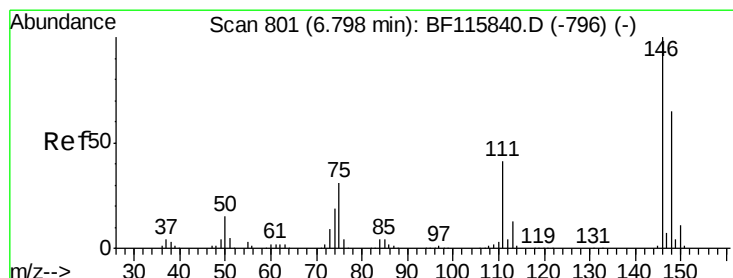
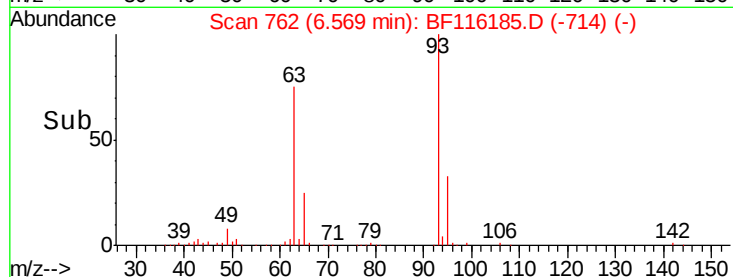
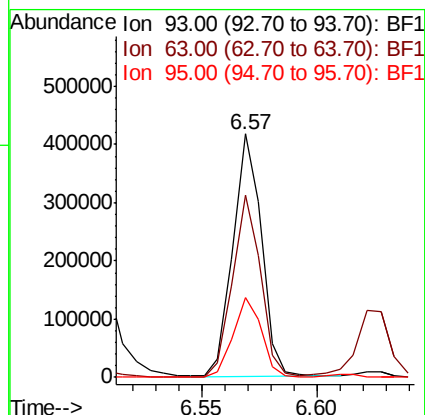
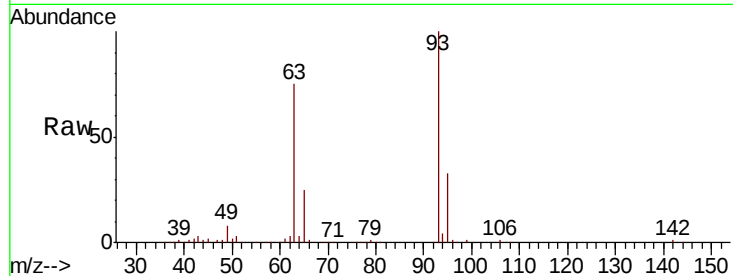
bis(2-Chloroethyl)ether
Concen: 40.723 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion:	93	Resp:	358638
Ion Ratio	Lower	Upper	
93	100		
63	74.6	51.9	91.9
95	32.9	13.0	53.0

Manual Integrations
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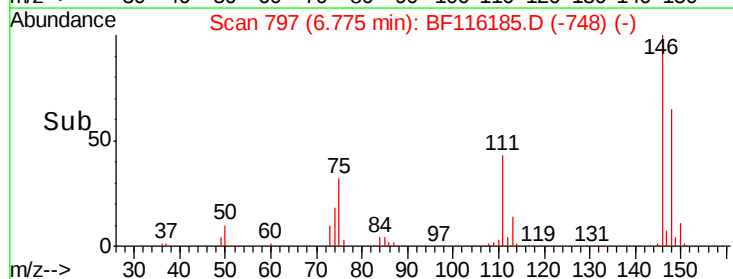
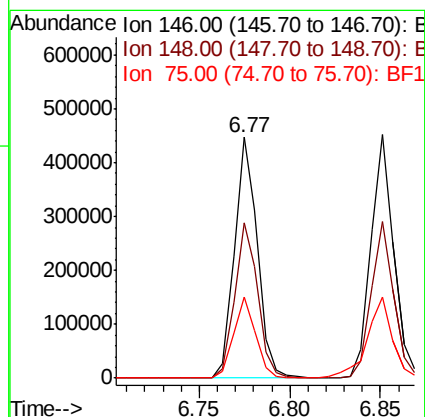
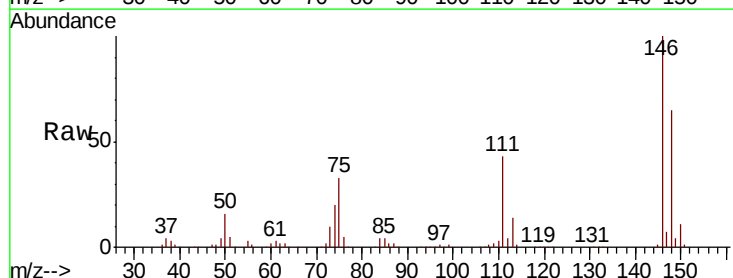
mohammad
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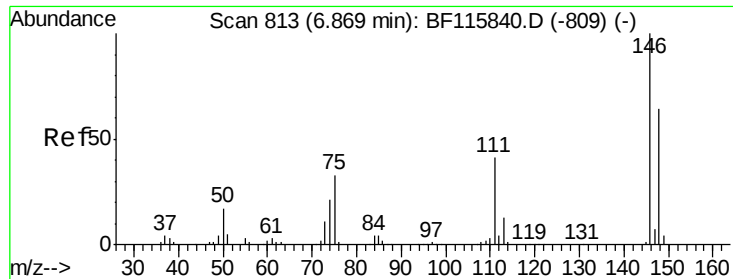


#12

1,3-Dichlorobenzene
Concen: 38.117 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:	146	Resp:	392736
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.3	76.9
75	33.5	27.4	41.2





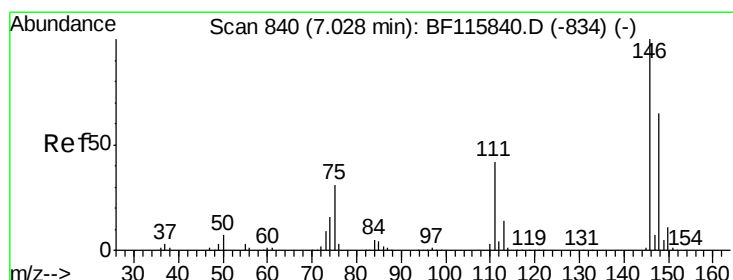
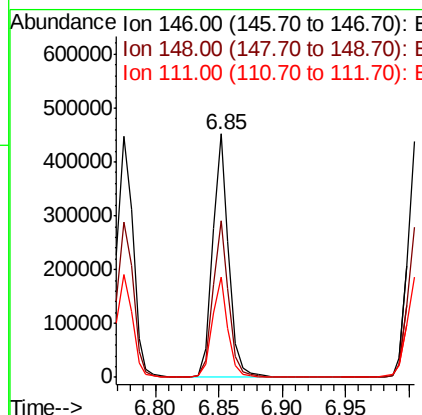
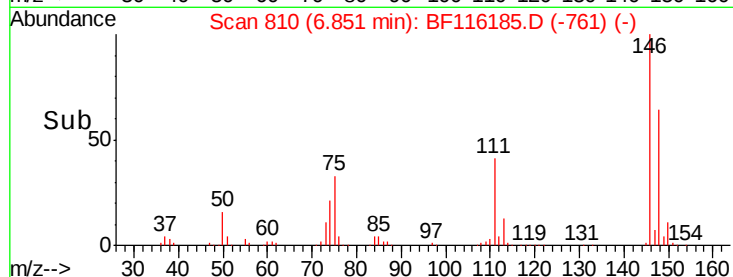
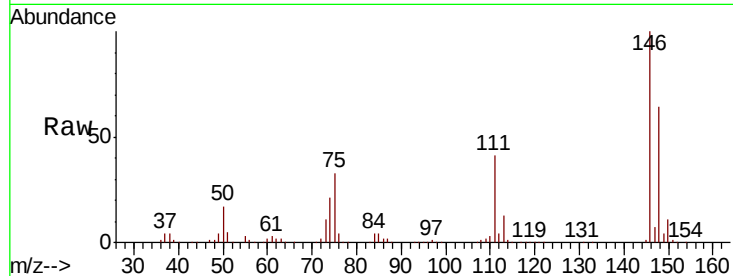
#13
 1,4-Dichlorobenzene
 Concen: 38.951 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	41.0	34.0	51.0

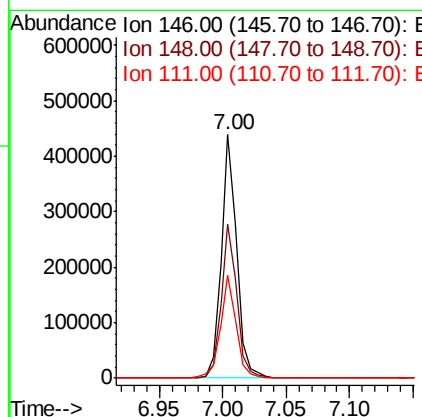
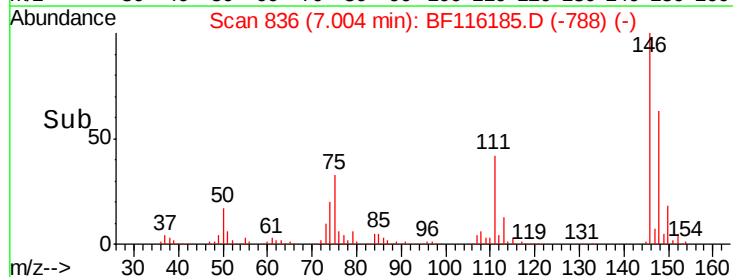
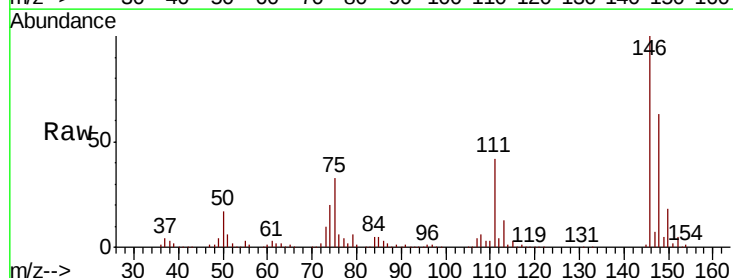
Manual Integrations
 APPROVED

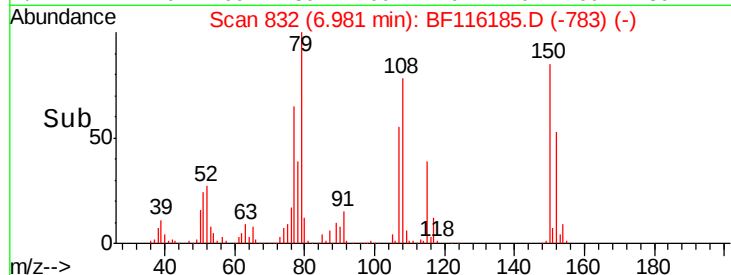
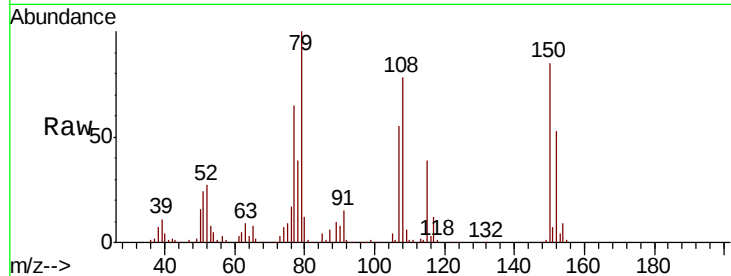
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.615 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
111	42.2	33.5	50.3





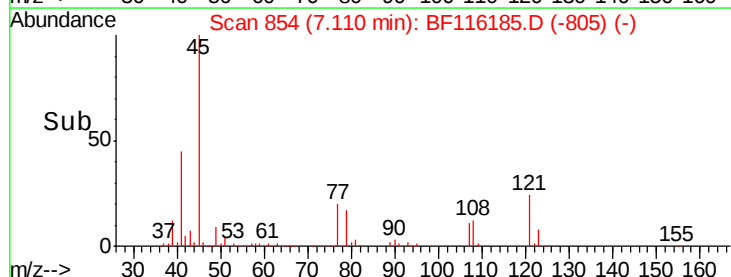
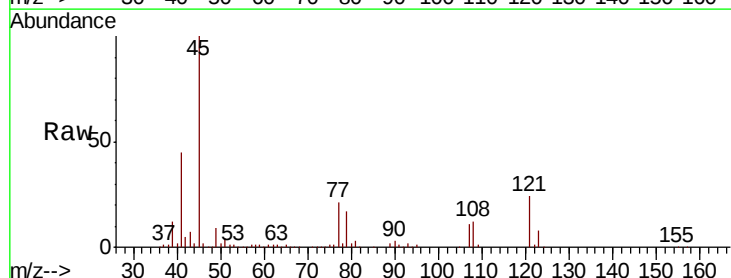
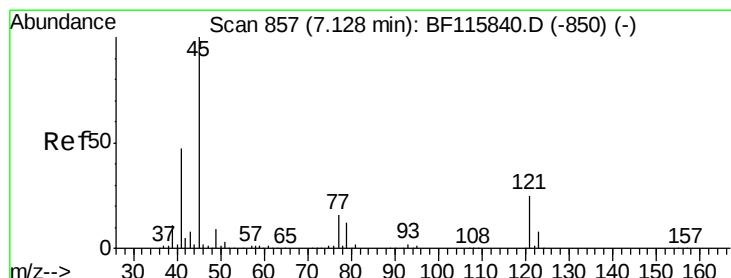
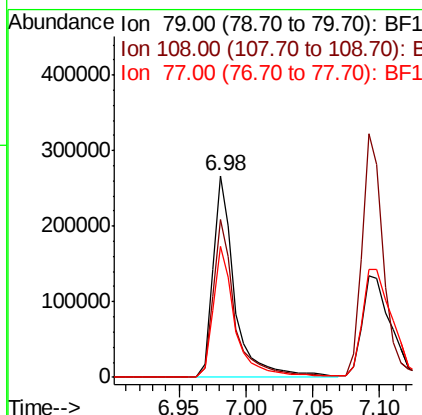
#15
Benzyl Alcohol
Concen: 39.597 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tot Ion	Ratio	Resp	Lower	Upper
79	100	305666		
108	78.4	62.7	94.1	
77	64.9	52.2	78.2	

Instrument :
BNA_F
ClientSampleId :
PB122104BS

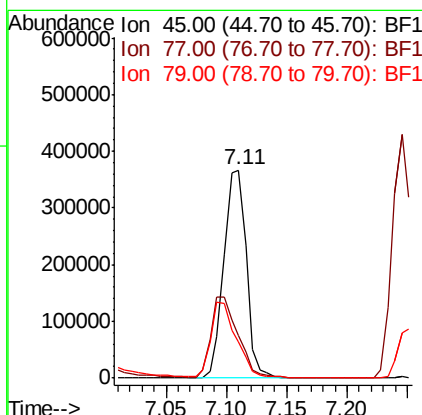
Manual Integrations
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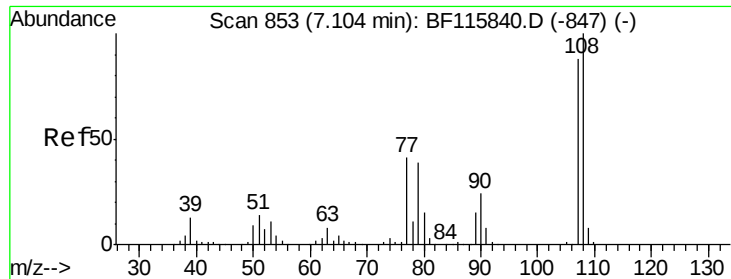
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.459 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	473997		
77	20.6	0.0	40.0	
79	17.3	0.0	35.9	





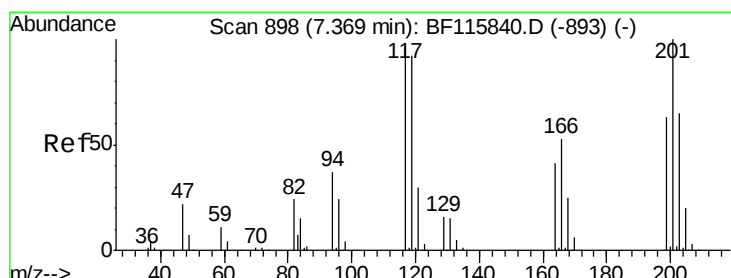
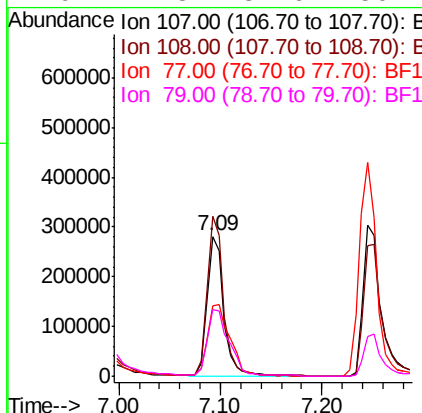
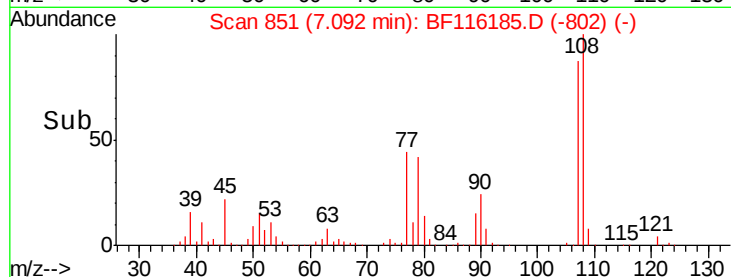
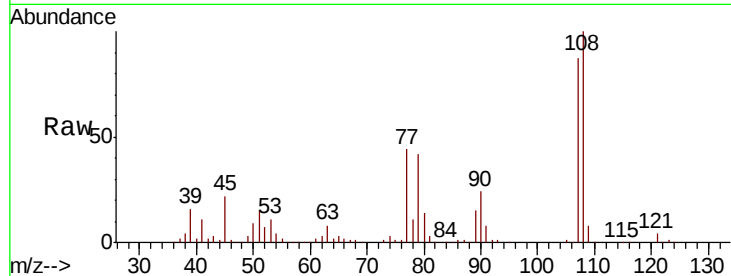
#17
2-Methylphenol
Concen: 41.520 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	114.8	91.2	136.8	
77	77	50.9	40.3	60.5	
79	79	47.8	37.6	56.4	

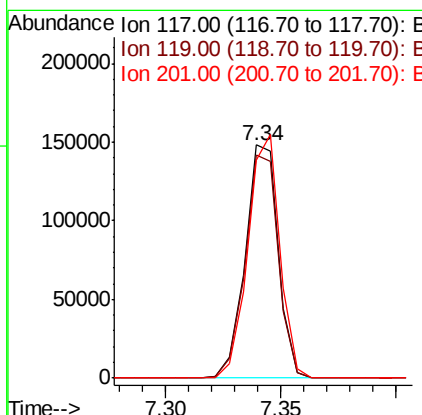
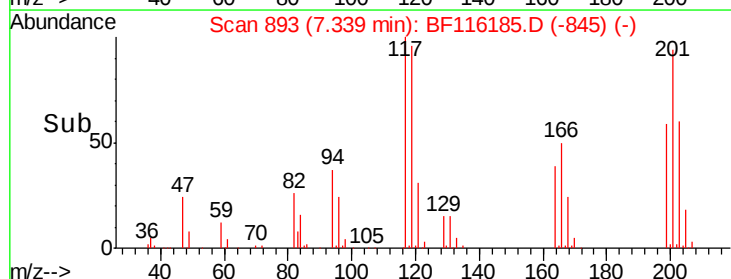
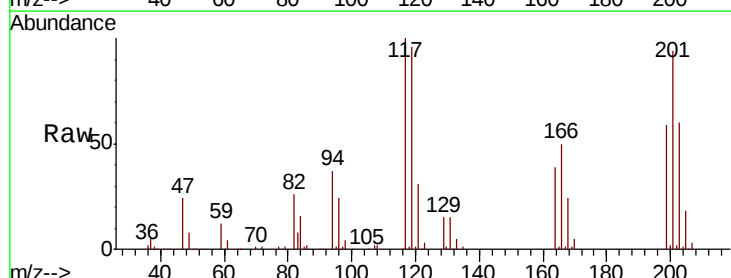
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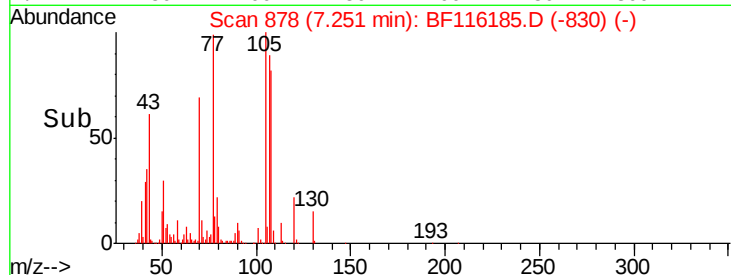
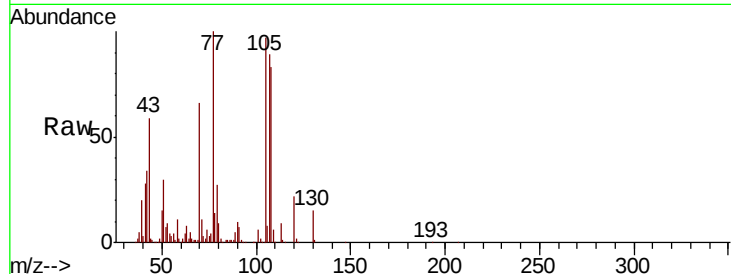
mohammad
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#18
Hexachloroethane
Concen: 38.984 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.9	76.1	114.1	
201	201	93.8	77.0	115.4	





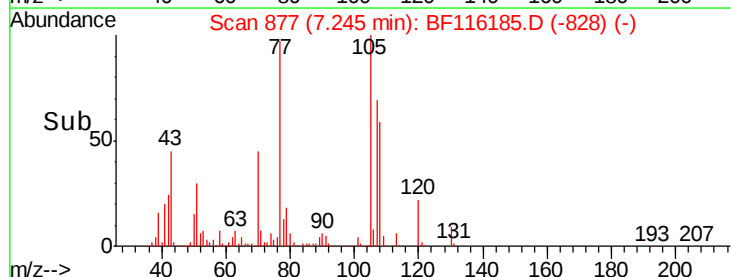
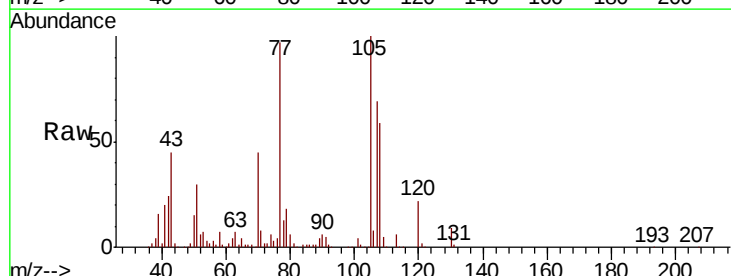
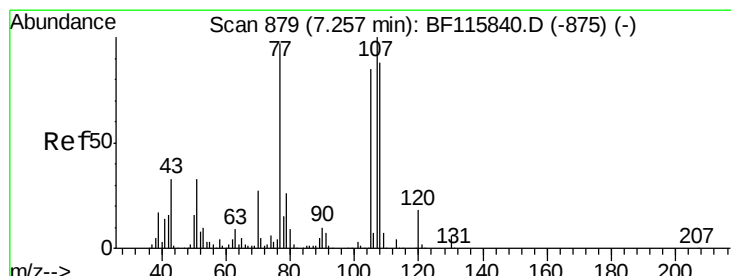
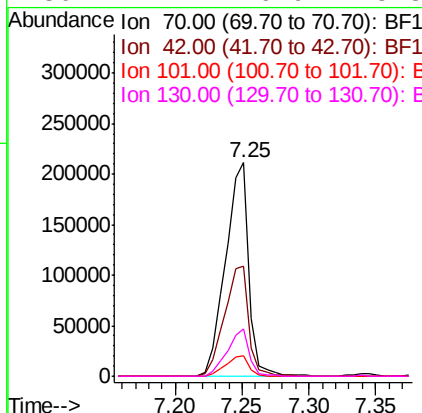
#19
n-Nitroso-di-n-propylamine
Concen: 41.167 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.6	40.9	61.3	
101	9.7	7.9	11.9	
130	22.1	16.9	25.3	

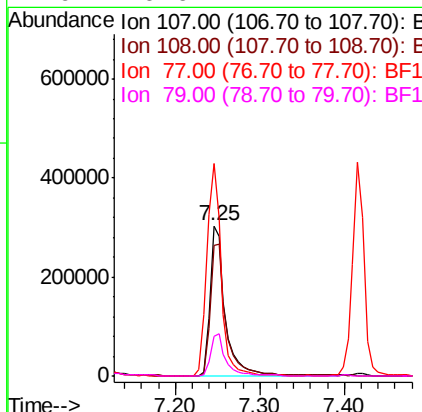
Manual Integrations
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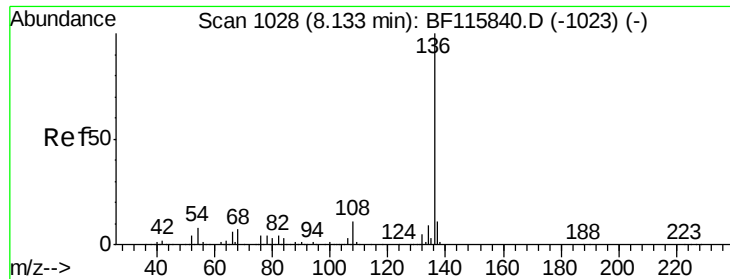
mohammad
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#20
3+4-Methylphenols
Concen: 42.840 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	67.6	107.6	
77	141.7	104.4	144.4	
79	26.6	7.4	47.4	





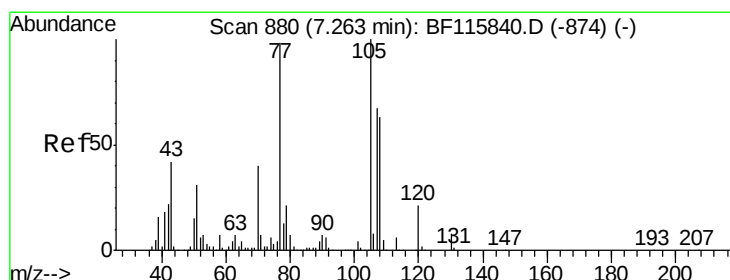
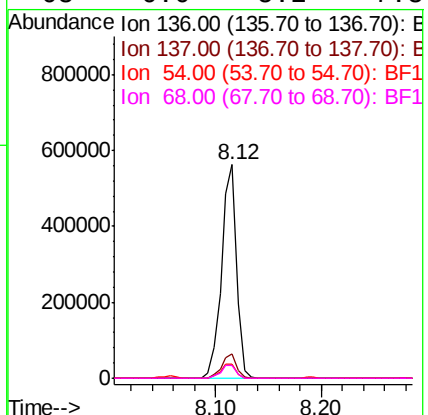
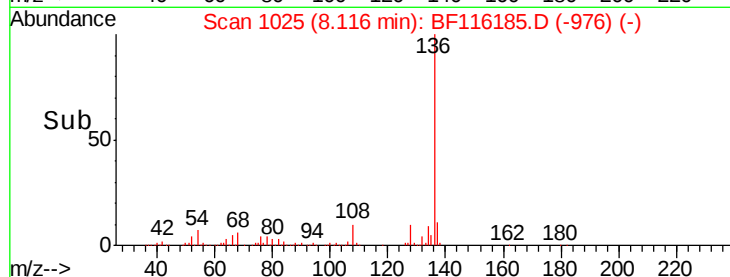
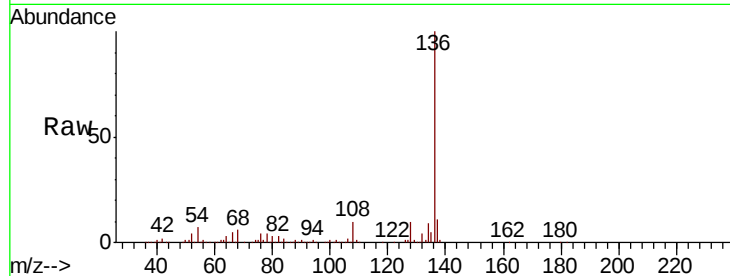
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		563996		
137	11.1		9.0	13.4	
54	6.7		5.8	8.6	
68	6.0		5.2	7.8	

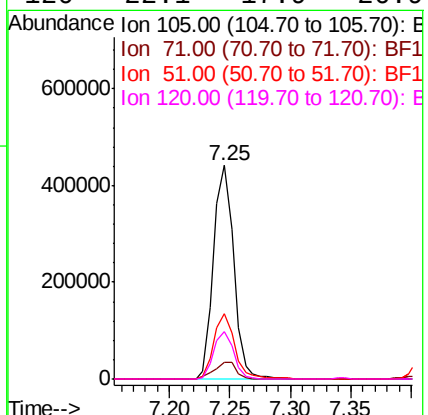
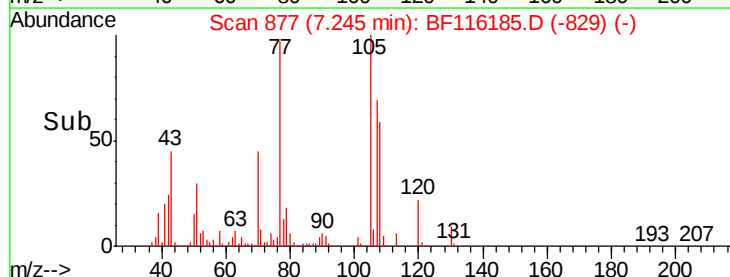
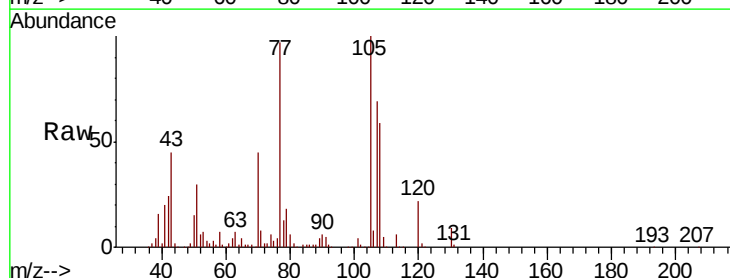
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#22
Acetophenone
Concen: 41.114 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		508548		
71	7.6		5.9	8.9	
51	30.4		25.3	37.9	
120	22.1		17.9	26.9	





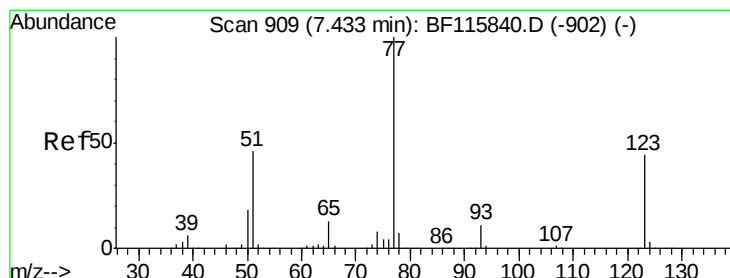
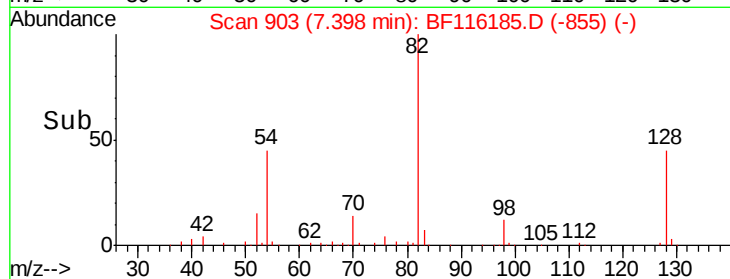
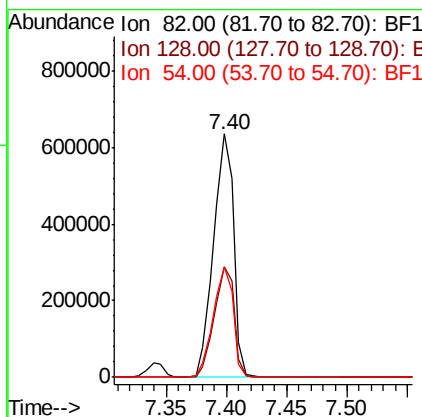
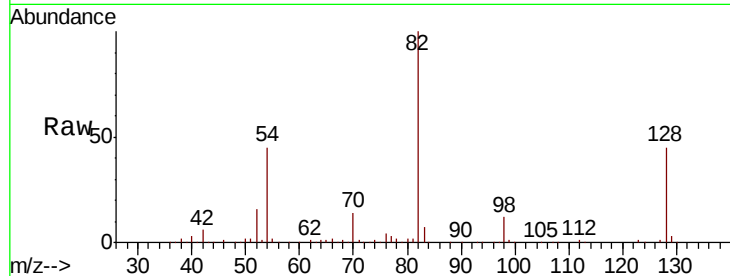
#23
 Nitrobenzene-d5
 Concen: 74.199 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.5	54.7
54	45.3	36.0	54.0

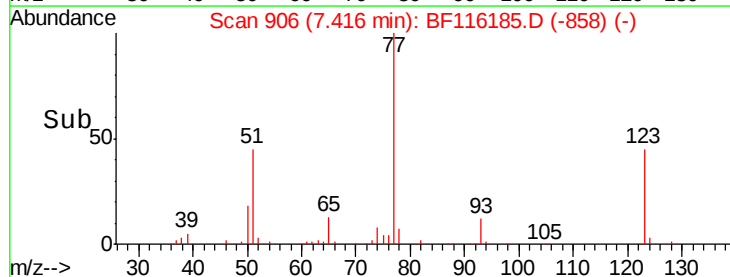
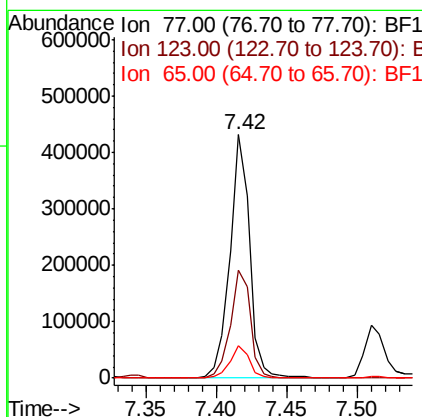
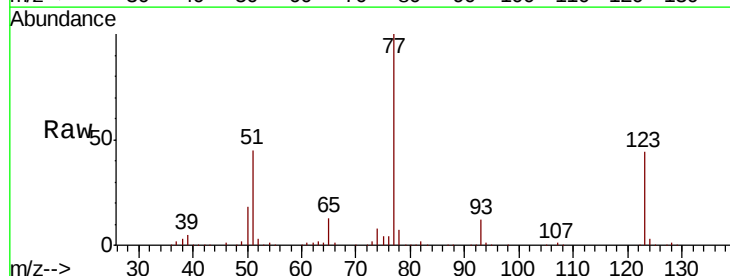
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#24
 Nitrobenzene
 Concen: 39.298 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.7	55.1
65	13.3	10.6	16.0





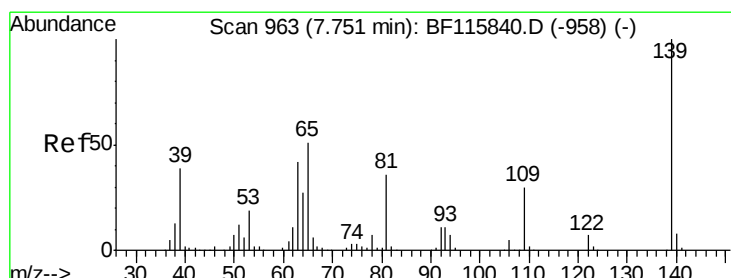
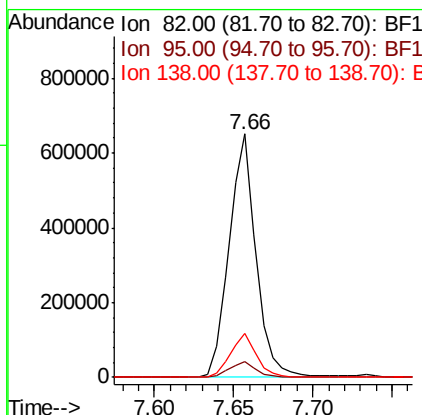
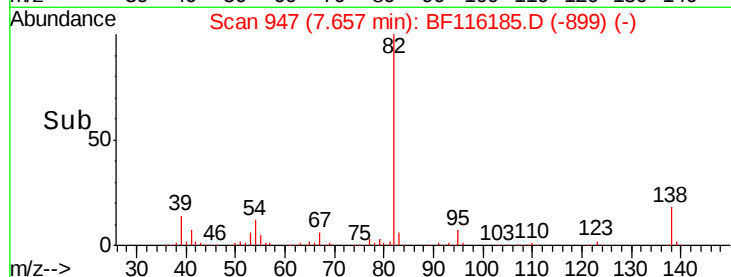
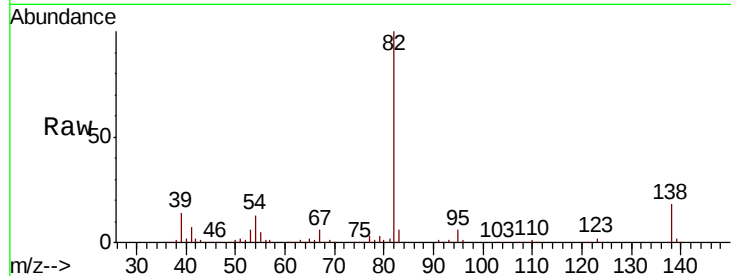
#25
Isophorone
Concen: 40.931 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	764709		
95	6.5		5.4	8.0
138	17.8		14.5	21.7

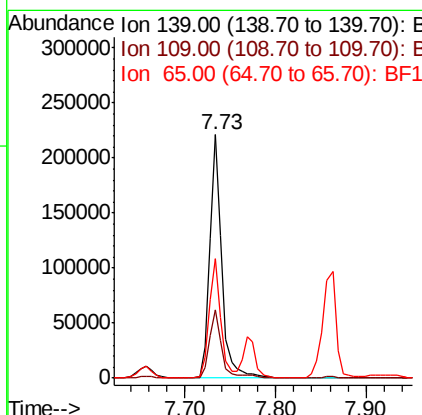
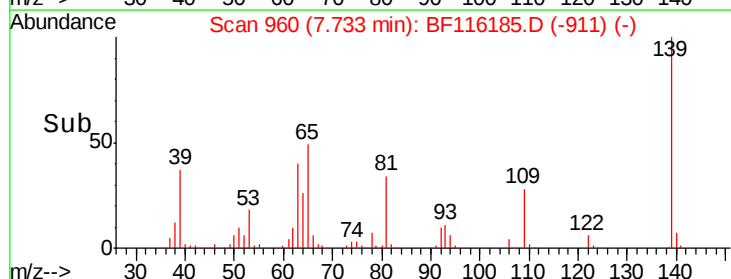
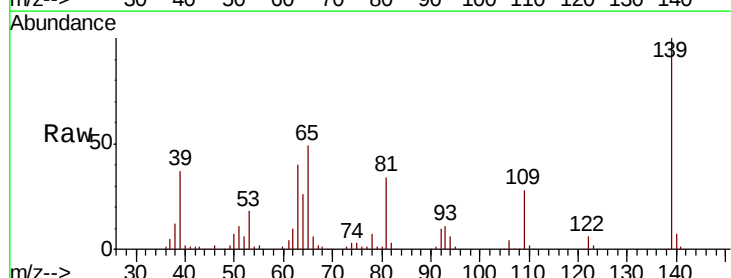
Manual Integrations
APPROVED

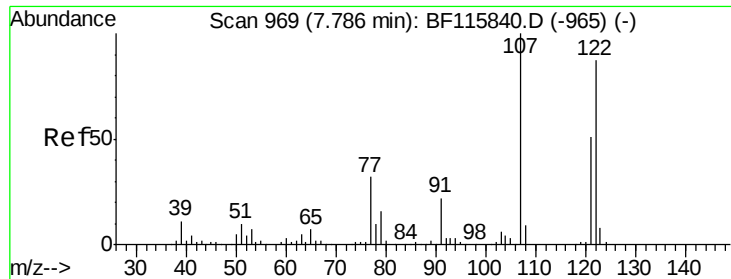
mohammad
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#26
2-Nitrophenol
Concen: 41.910 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	208424		
109	28.2		23.4	35.2
65	49.3		41.1	61.7





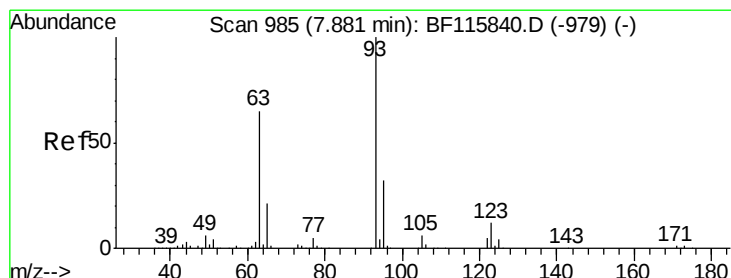
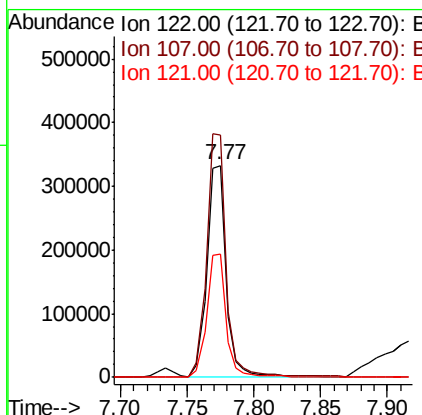
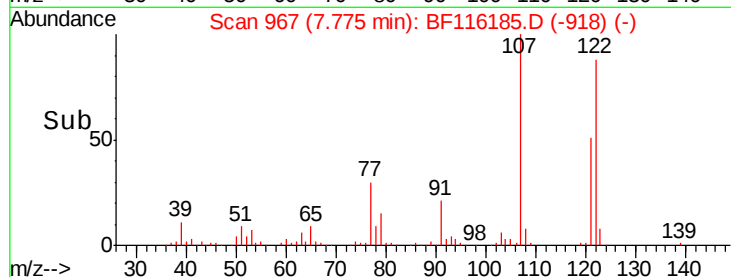
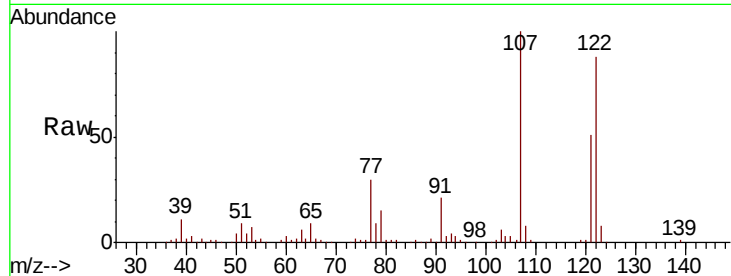
#27
 2,4-Dimethylphenol
 Concen: 45.034 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	336944		
107	114.2	93.0	139.6	
121	58.4	47.6	71.4	

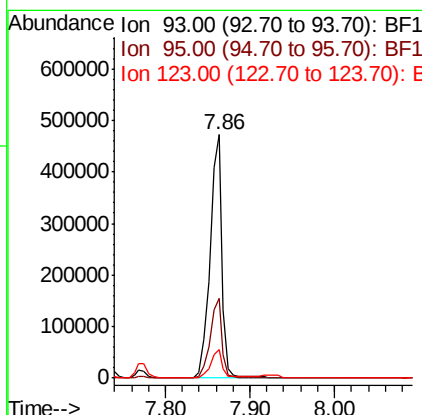
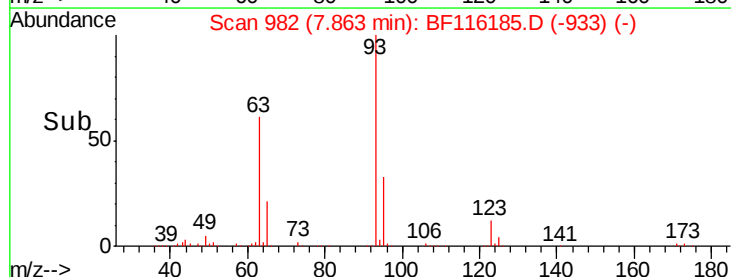
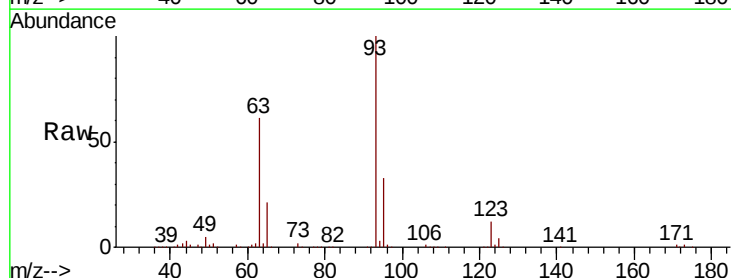
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.844 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	472972		
95	32.8	26.2	39.4	
123	11.9	9.2	13.8	





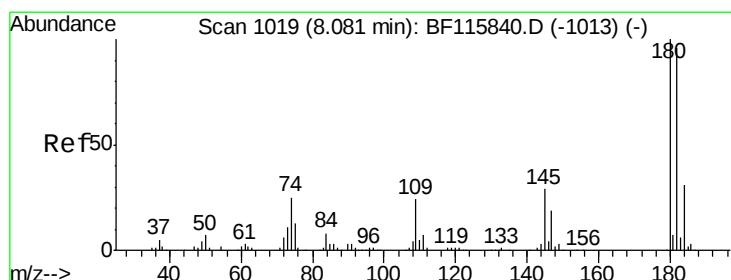
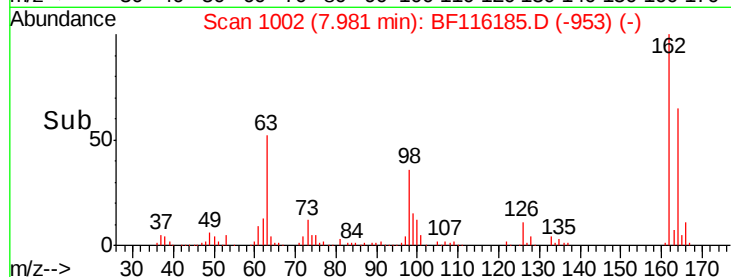
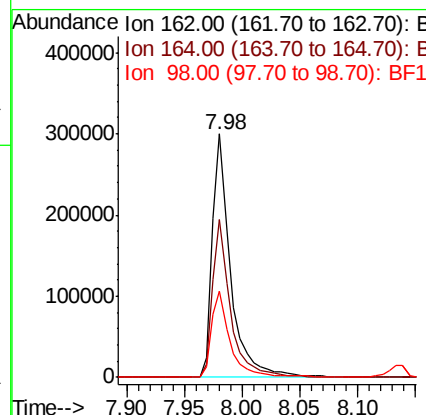
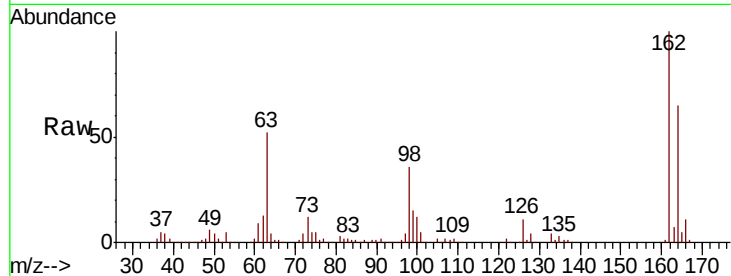
#29
2,4-Dichlorophenol
Concen: 41.849 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	45.1	85.1
98	35.5	15.8	55.8

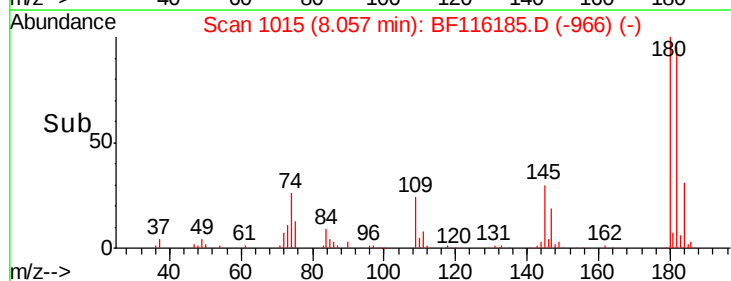
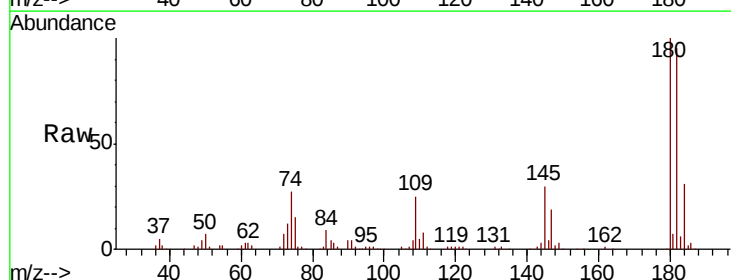
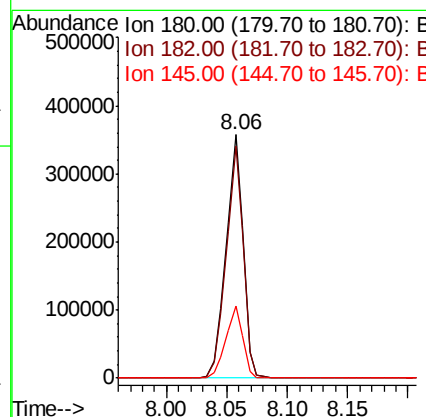
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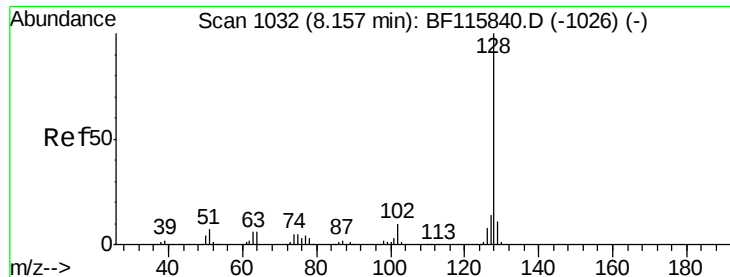
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#30
1,2,4-Trichlorobenzene
Concen: 38.870 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	75.7	113.5
145	29.5	24.3	36.5





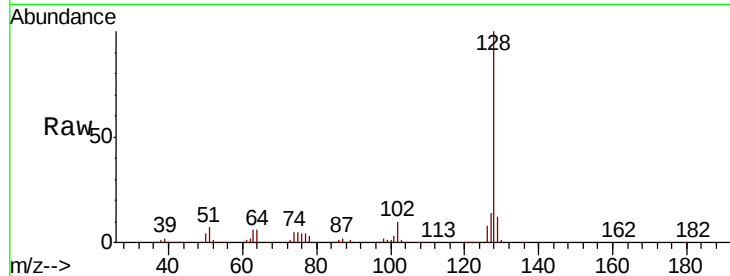
#31
Naphthalene
Concen: 41.139 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.7	11.4	17.0

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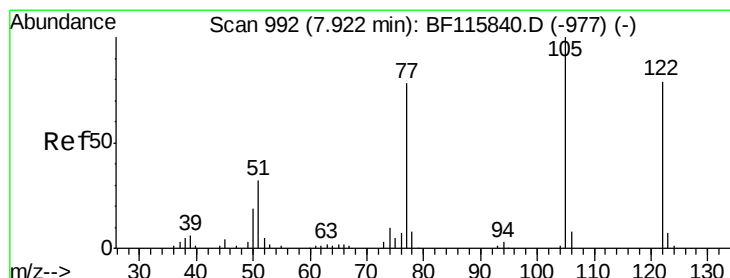
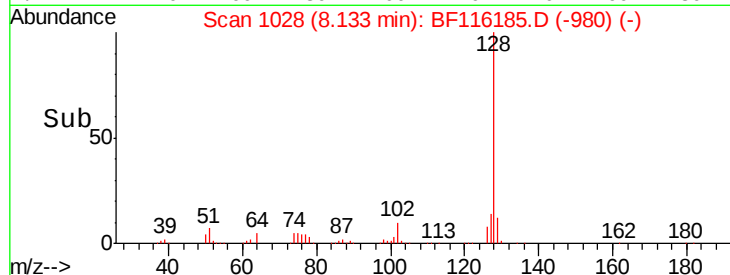
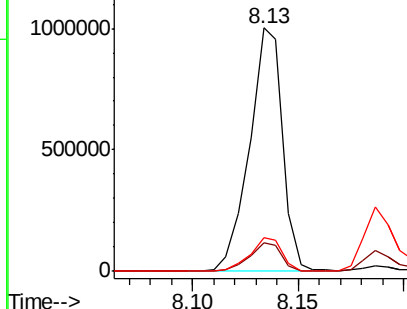


Abundance

Ion 128.00 (127.70 to 128.70): E

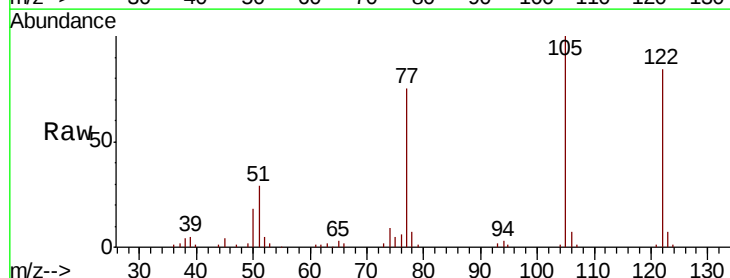
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.491 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	106.1	146.1
77	89.8	76.7	116.7

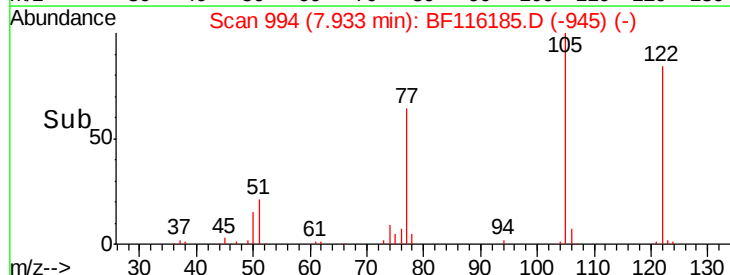
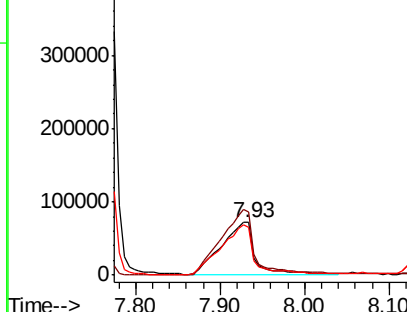


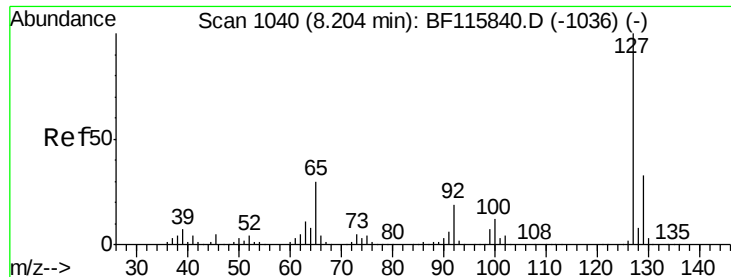
Abundance

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





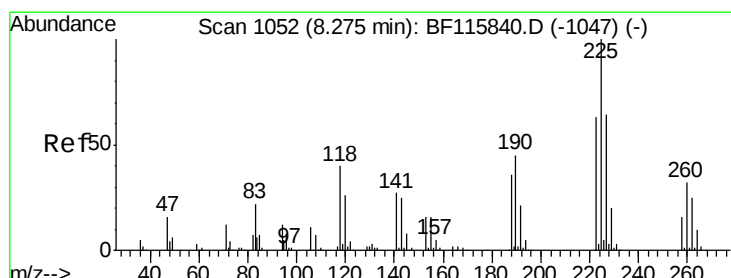
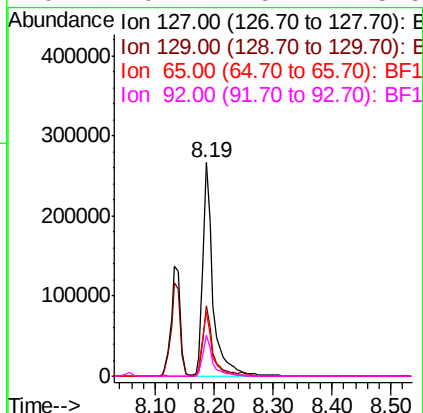
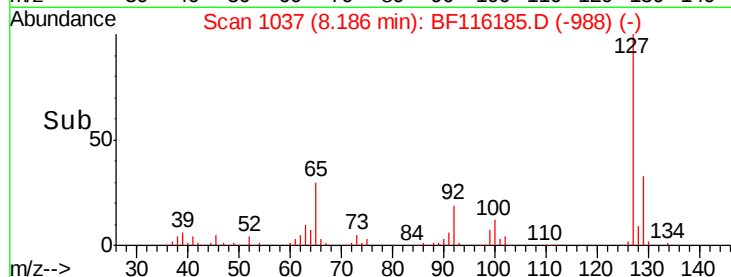
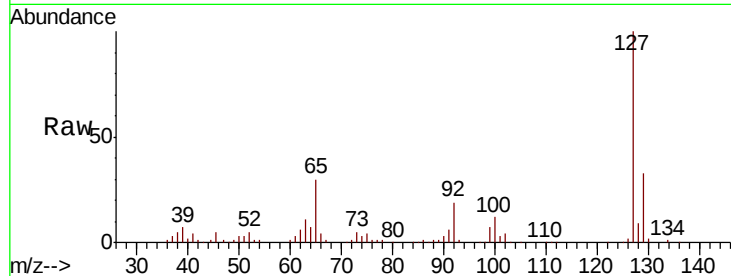
#33
 4-Chloroaniline
 Concen: 26.810 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.1	39.1		
65	30.2	24.9	37.3		
92	19.1	15.7	23.5		

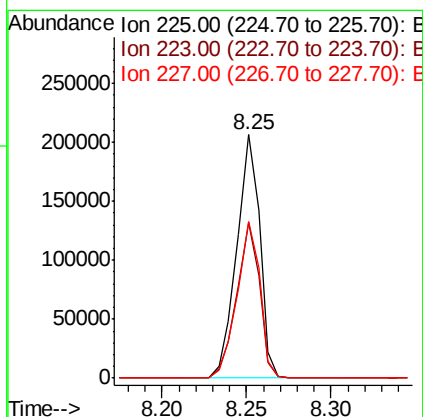
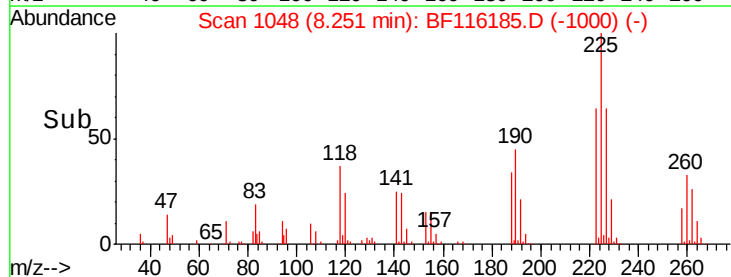
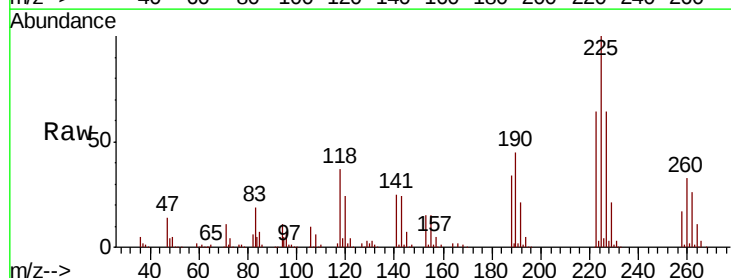
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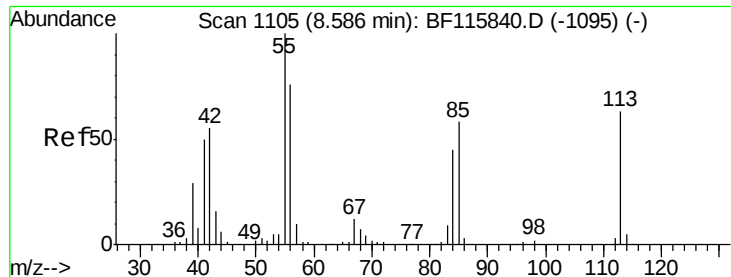
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#34
 Hexachlorobutadiene
 Concen: 37.811 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.0	75.0		
227	64.3	51.0	76.4		





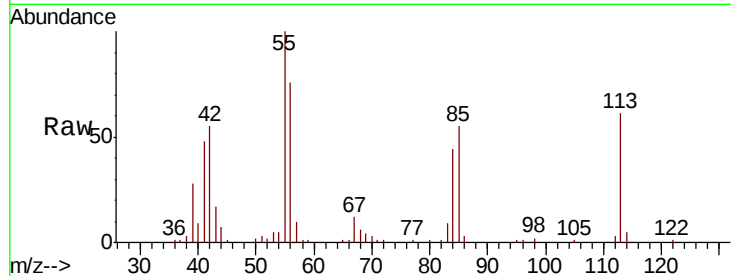
#35
 Caprolactam
 Concen: 39.706 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

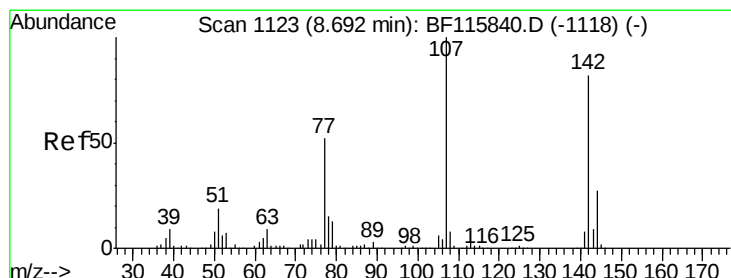
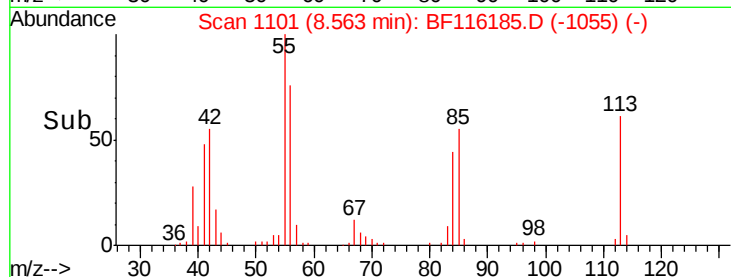
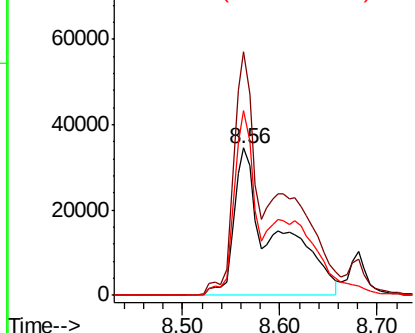
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	165.1		144.3	184.3	
56	125.4		97.1	137.1	

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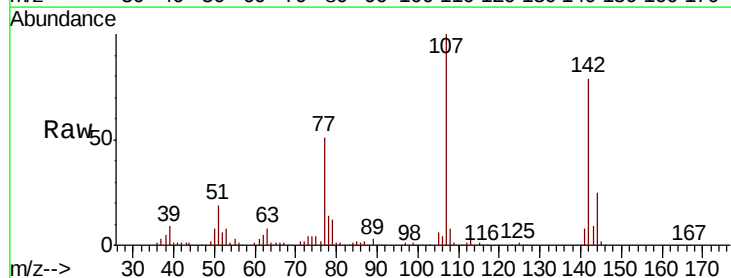


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

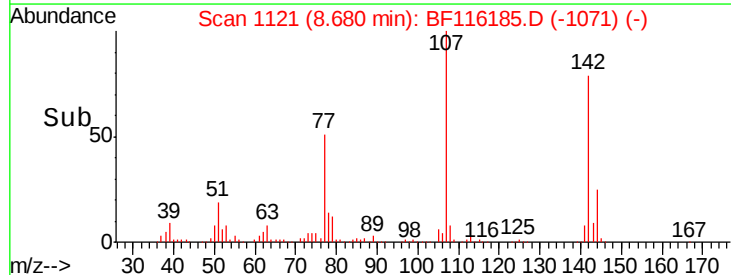
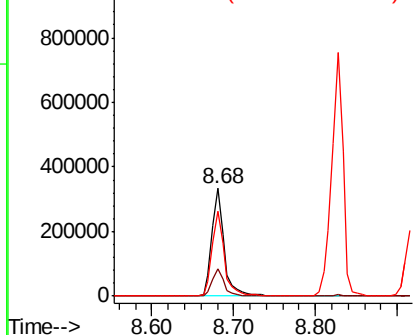


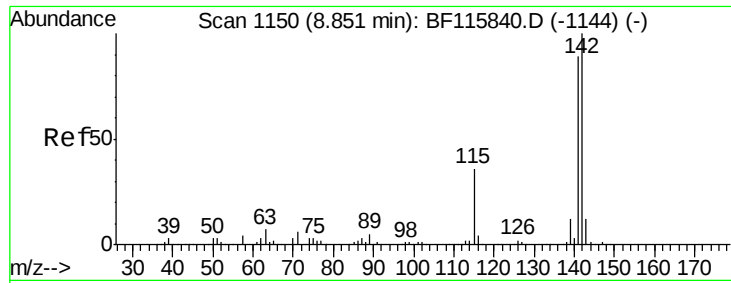
#36
 4-Chloro-3-methylphenol
 Concen: 42.318 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1		20.2	30.2	
142	79.3		61.7	92.5	



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





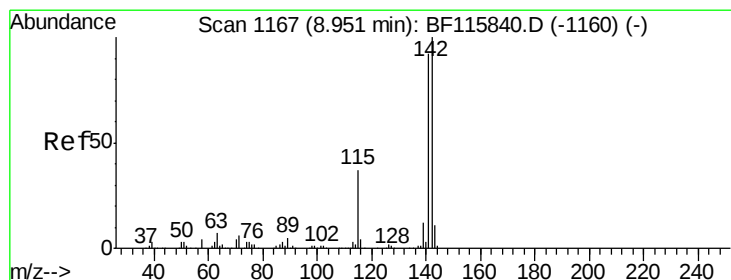
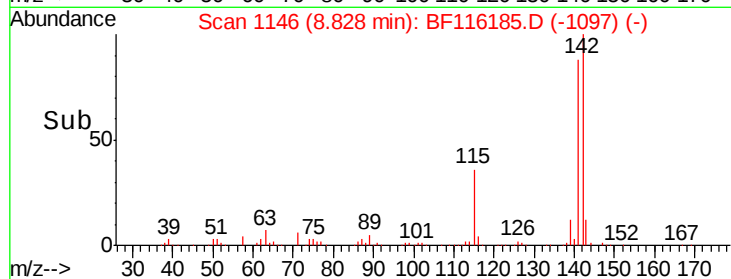
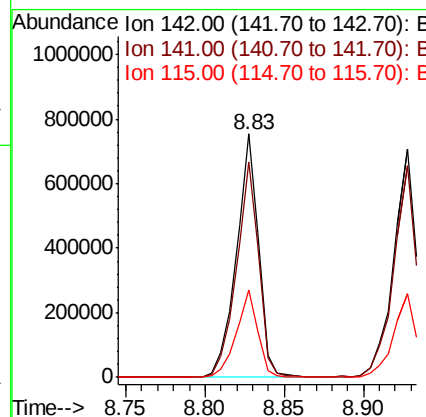
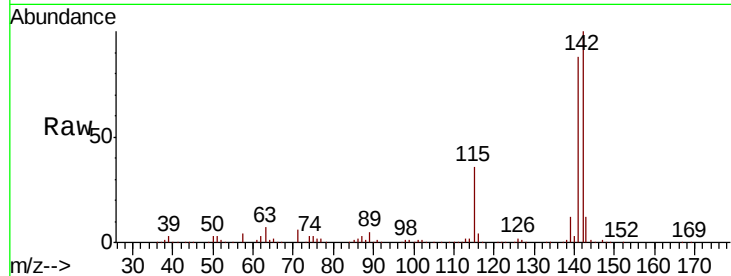
#37
2-Methylnaphthalene
Concen: 41.760 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3
115	35.7	29.0	43.6

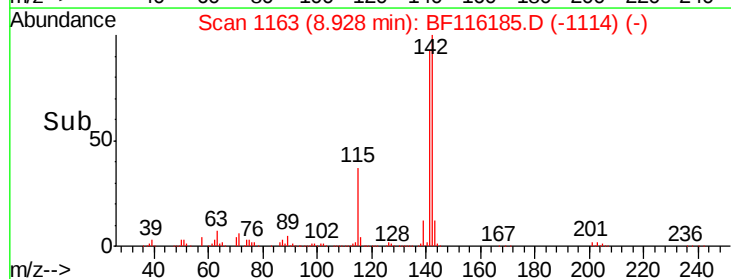
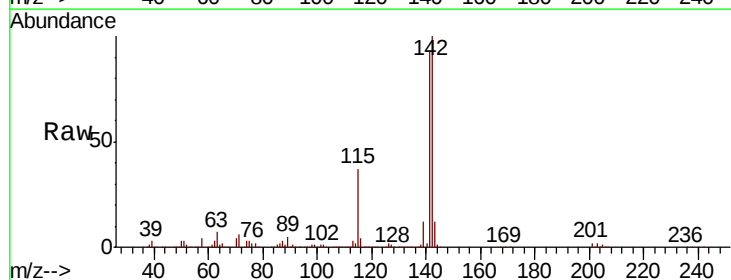
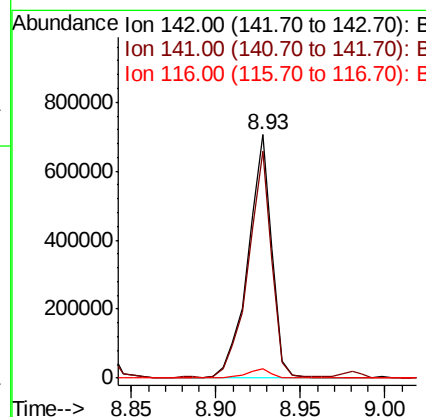
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#38
1-Methylnaphthalene
Concen: 41.505 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.4	111.6
116	3.8	3.1	4.7





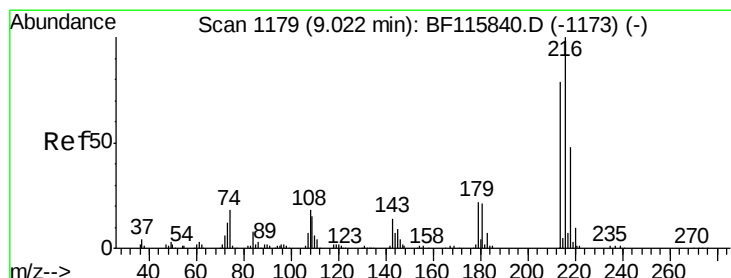
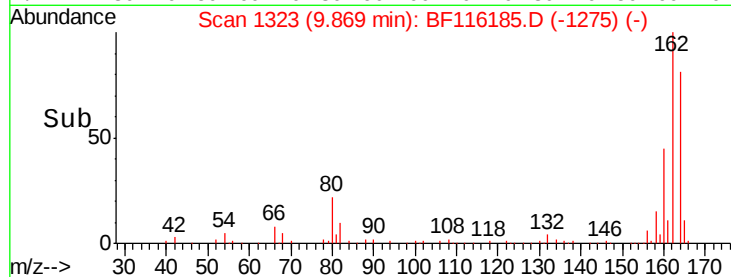
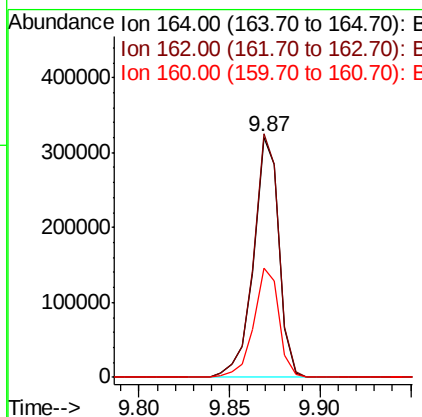
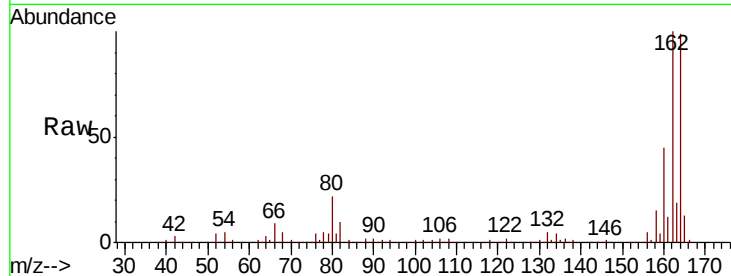
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	82.6	124.0	
160	45.6	37.6	56.4	

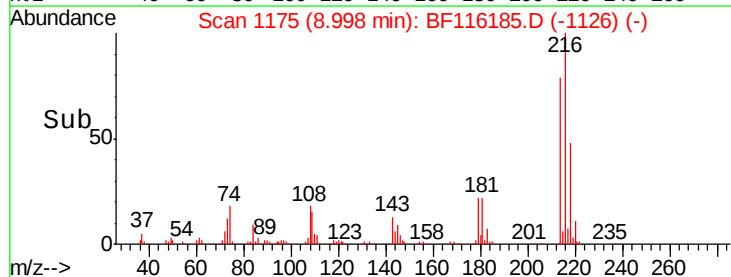
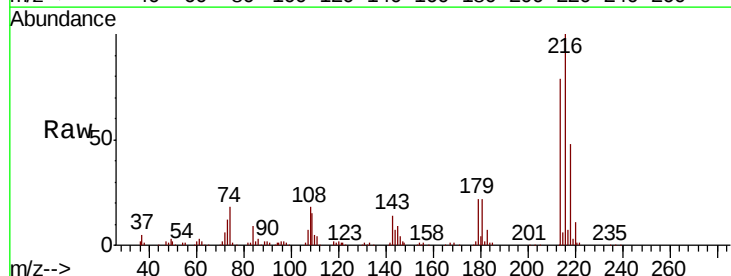
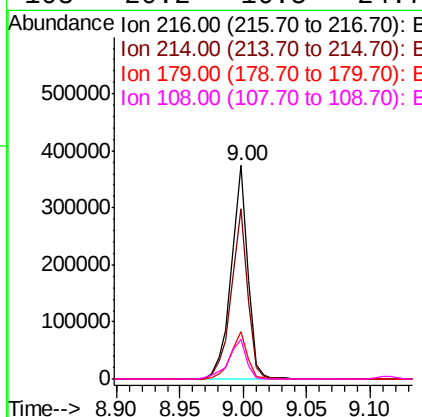
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.502 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.6	95.4	
179	22.1	17.8	26.8	
108	20.2	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 38.461 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

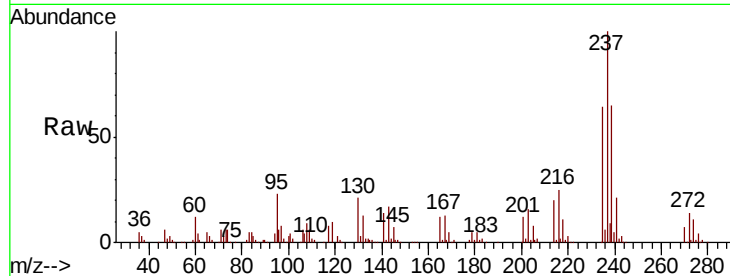
ClientSampleId :

PB122104BS

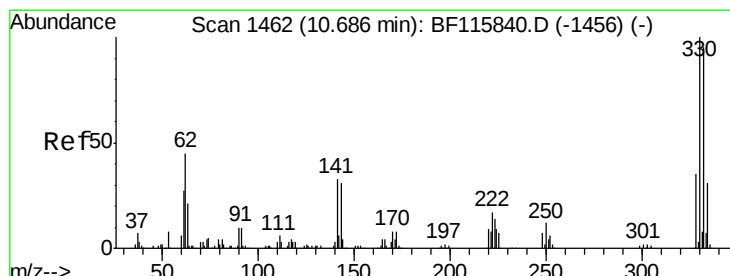
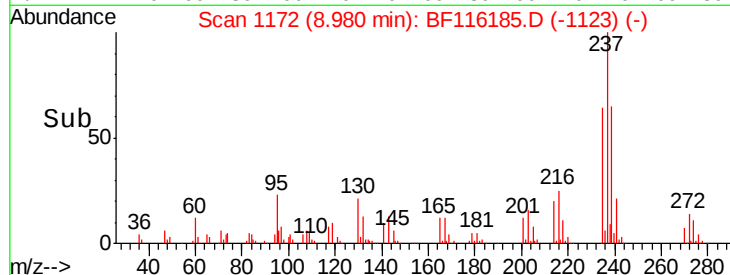
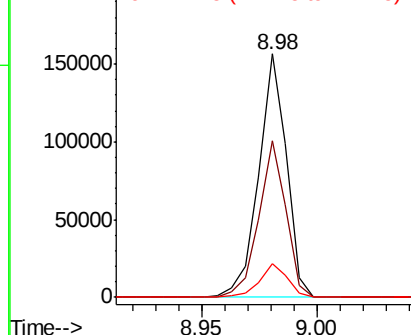
Tot Ion:	237	Resp:	130995
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.4	83.4
272	13.9	0.0	33.2

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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: 109.041 ng

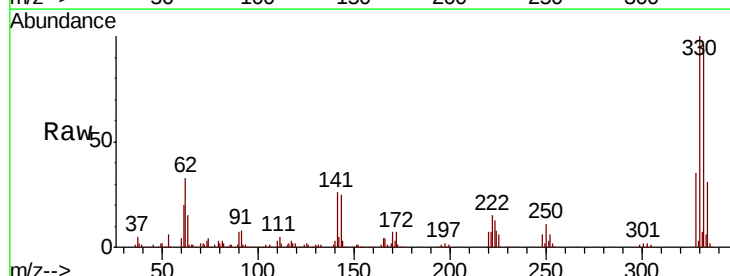
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

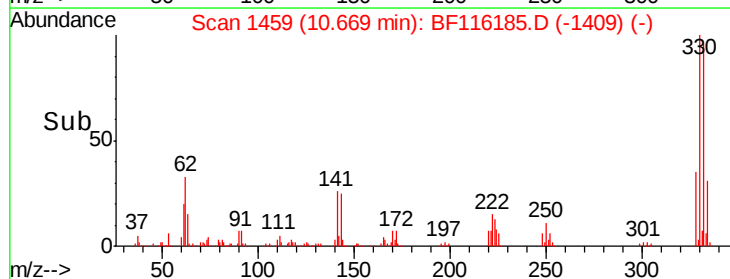
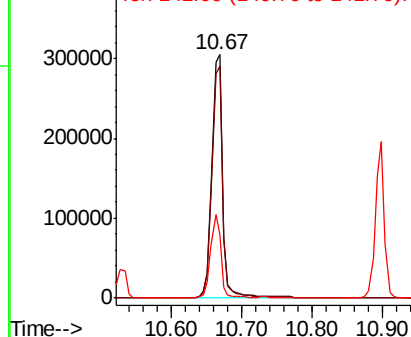
Lab File: BF116185.D

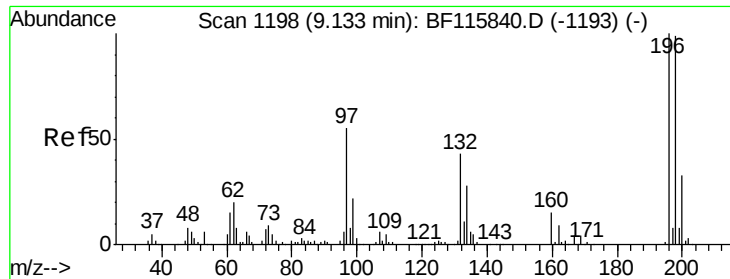
Acq: 12 Aug 2019 12:11

Tgt Ion:	330	Resp:	328359
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.8	115.2
141	32.6	26.3	39.5



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





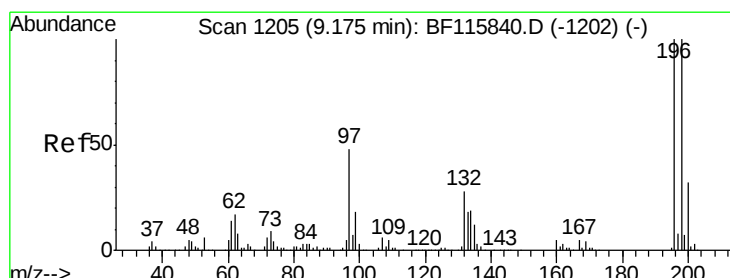
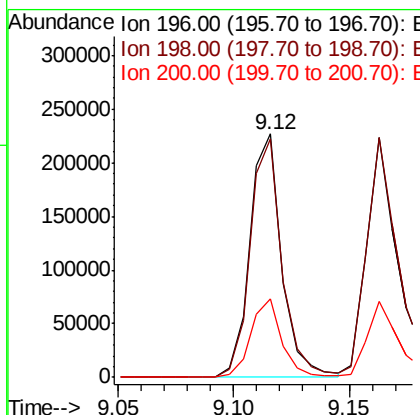
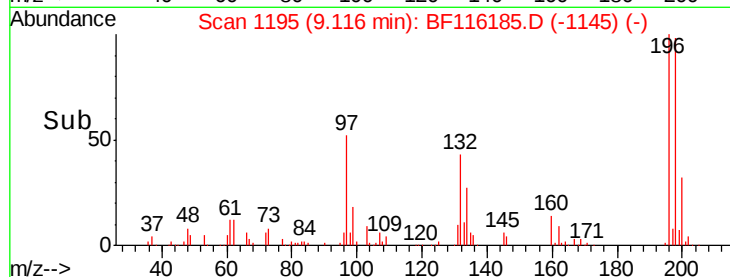
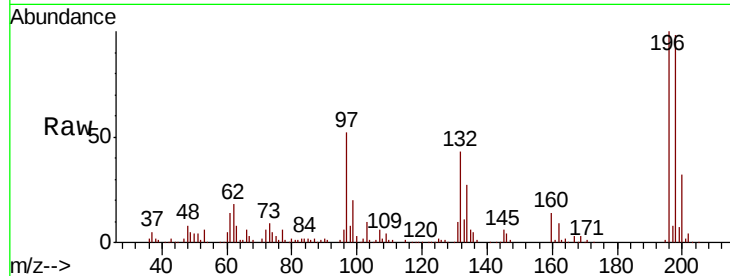
#43
 2,4,6-Trichlorophenol
 Concen: 38.410 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion:	196	Resp:	219532
Ion Ratio	Lower	Upper	
196	100		
198	97.7	79.2	118.8
200	32.2	25.2	37.8

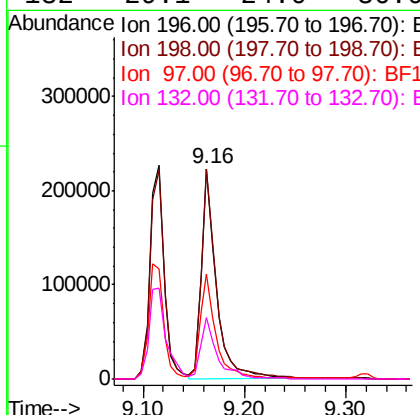
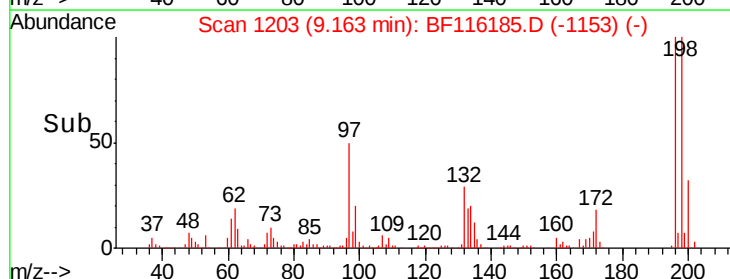
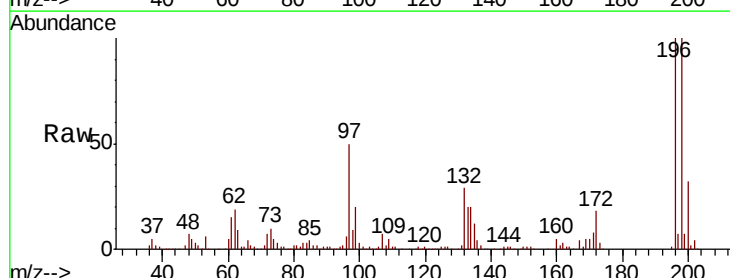
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#44
 2,4,5-Trichlorophenol
 Concen: 39.018 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:	196	Resp:	230523
Ion Ratio	Lower	Upper	
196	100		
198	99.9	78.8	118.2
97	50.2	42.2	63.4
132	29.1	24.0	36.0





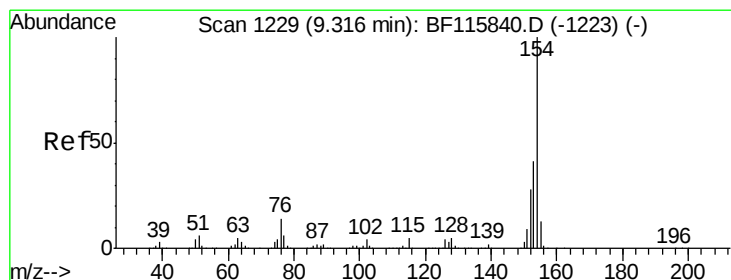
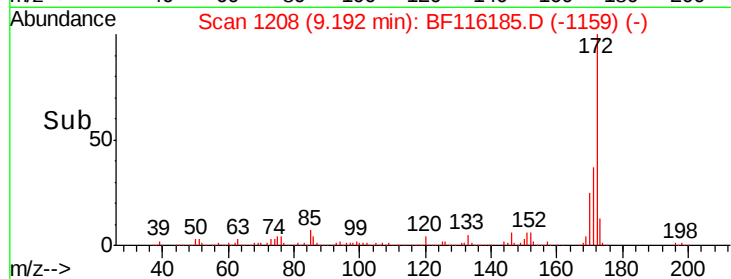
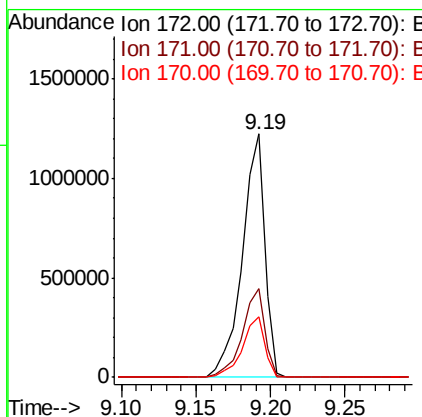
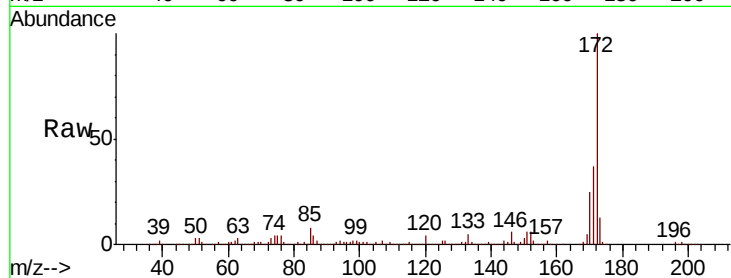
#45
2-Fluorobiphenyl
Concen: 77.471 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.1	20.1	30.1

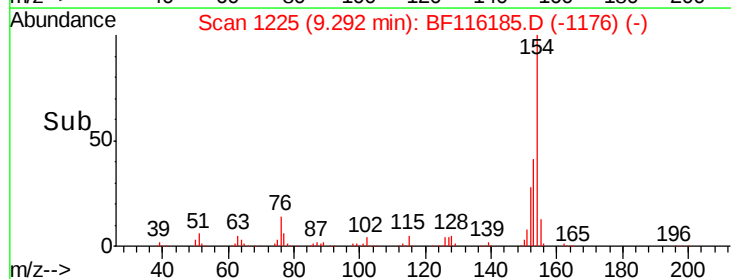
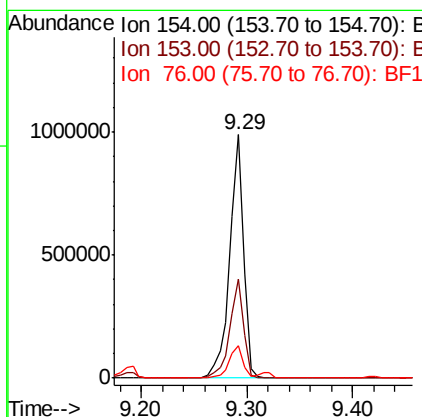
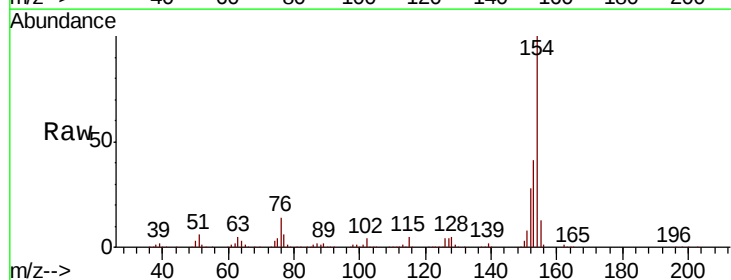
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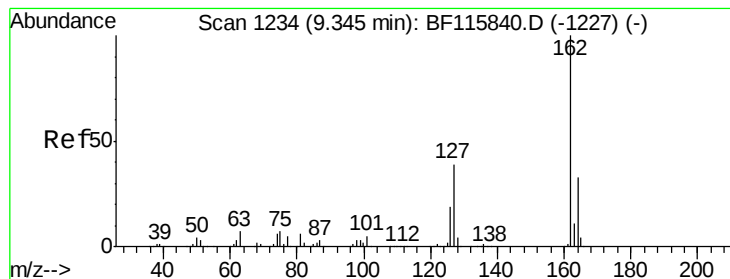
mohammad
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#46
1,1'-Biphenyl
Concen: 40.659 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	13.5	0.0	35.2





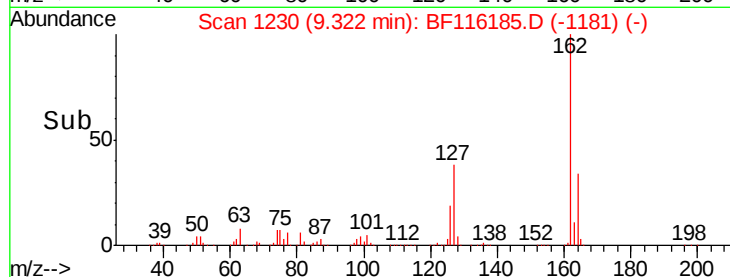
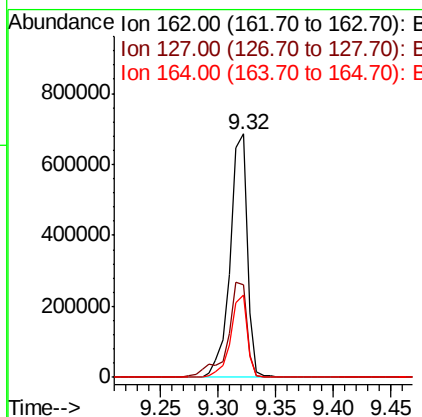
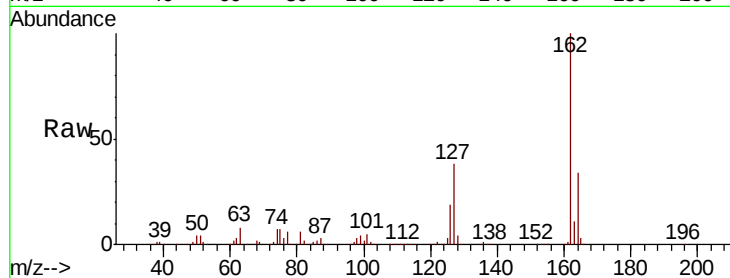
#47
 2-Chloronaphthalene
 Concen: 38.763 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	707453		
127	38.3		32.8	49.2
164	33.6		26.6	39.8

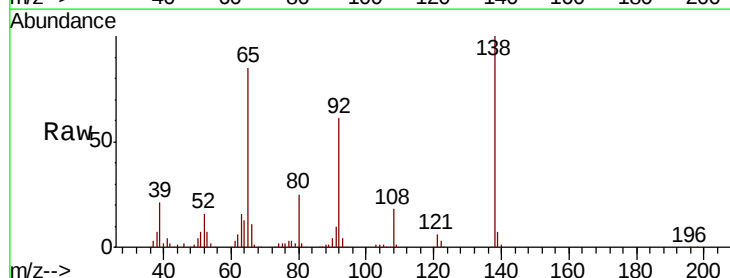
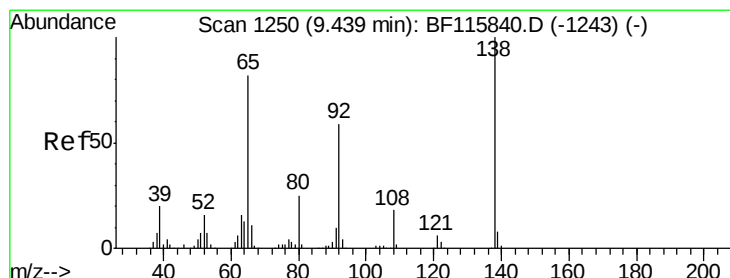
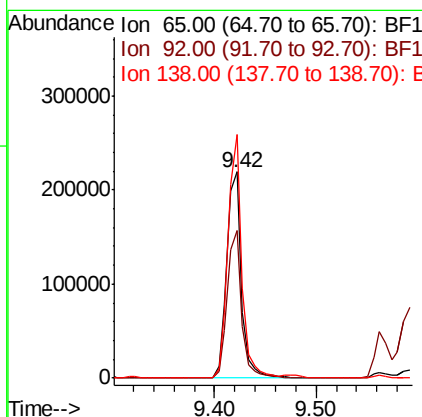
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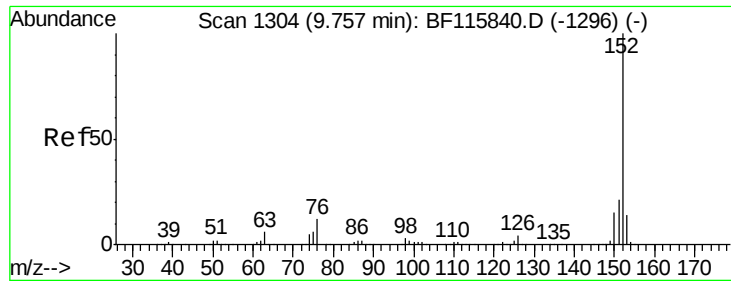
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#48
 2-Nitroaniline
 Concen: 36.920 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	222721		
92	71.9		57.8	86.8
138	118.1		94.0	141.0





#49

Acenaphthylene

Concen: 39.989 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tot Ion:152 Resp: 1064756

Ion Ratio Lower Upper

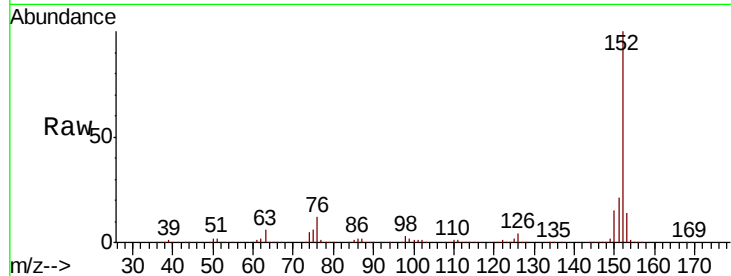
152 100

151 21.0 17.2 25.8

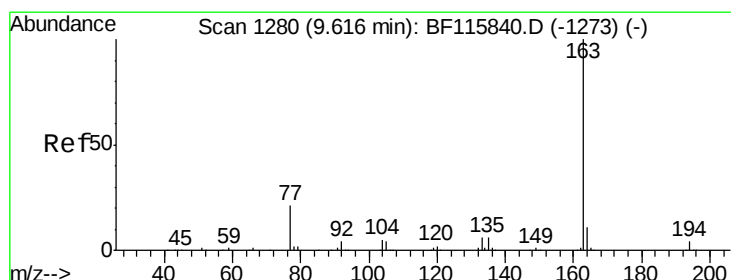
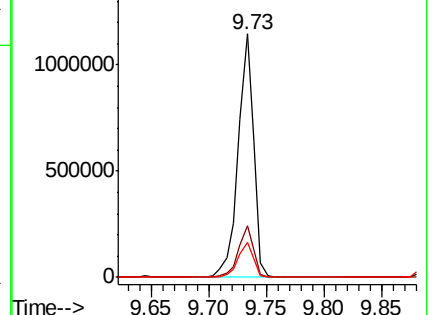
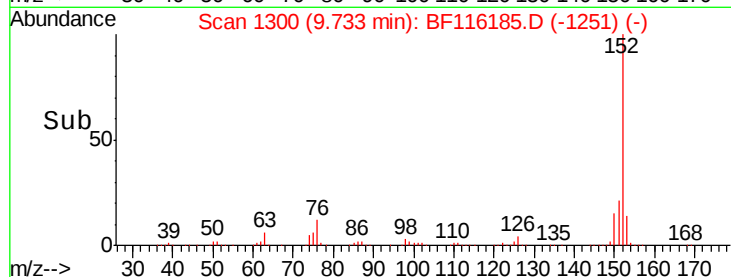
153 14.1 11.8 17.8

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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: 40.003 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

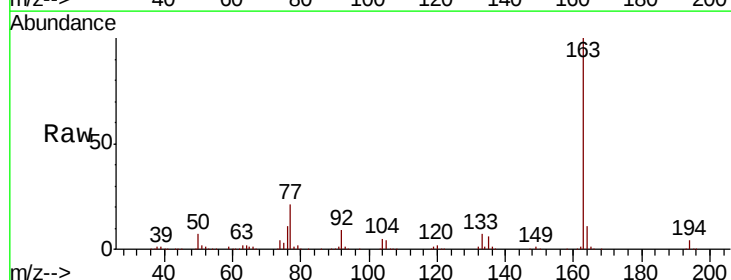
Tgt Ion:163 Resp: 846004

Ion Ratio Lower Upper

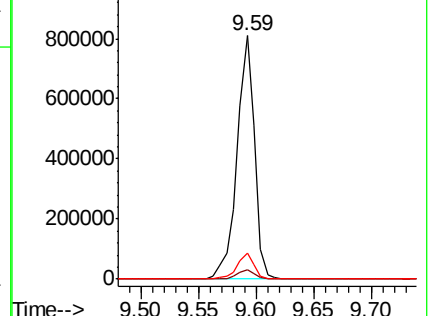
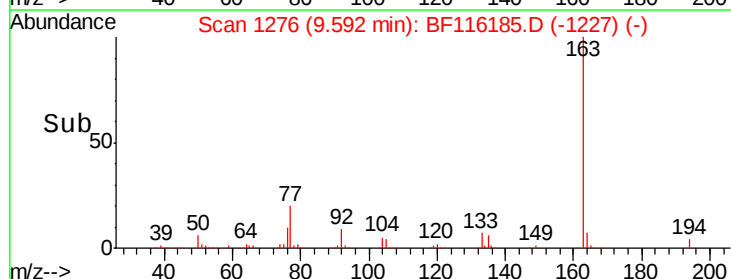
163 100

194 3.9 3.0 4.6

164 10.5 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





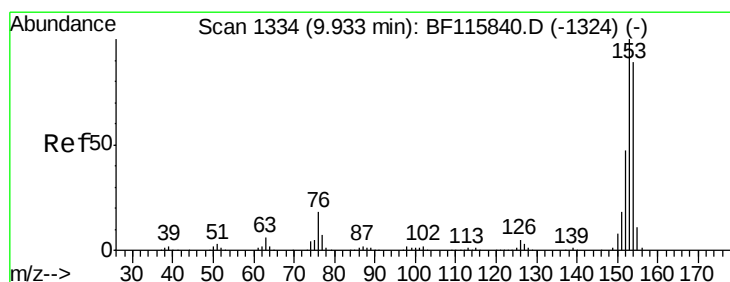
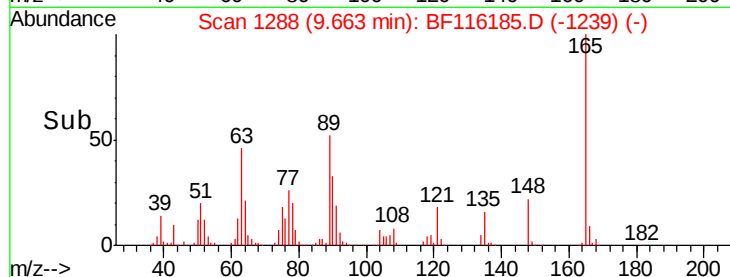
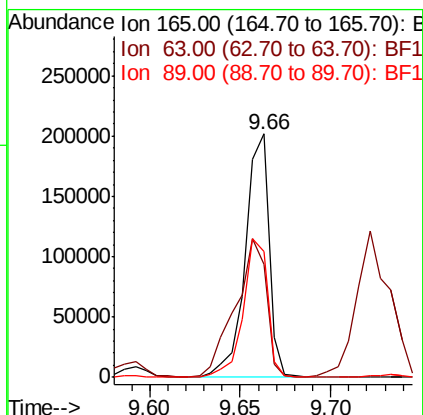
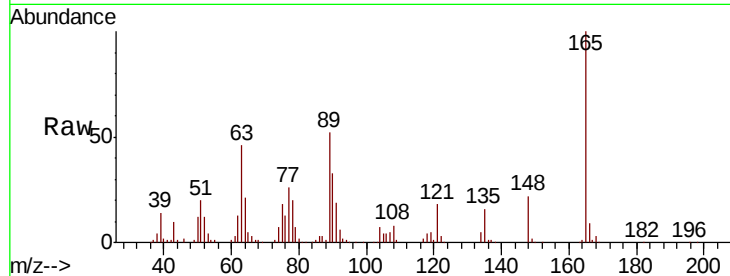
#51
 2,6-Dinitrotoluene
 Concen: 40.127 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184420		
63	46.4		38.2	57.2
89	51.9		42.9	64.3

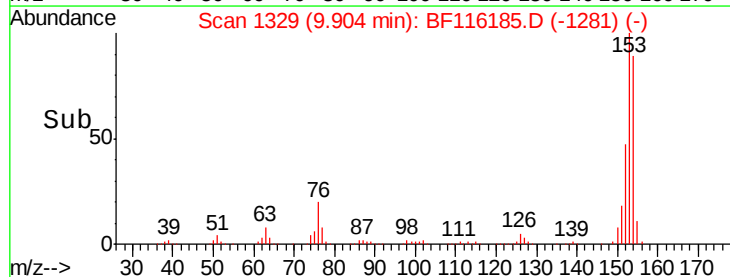
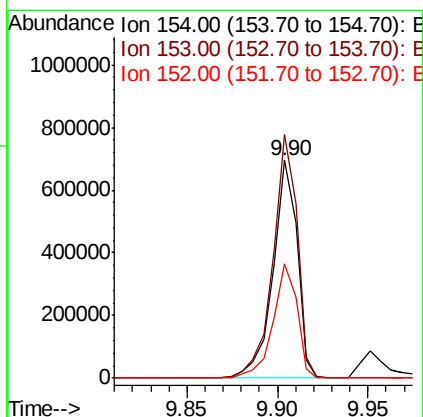
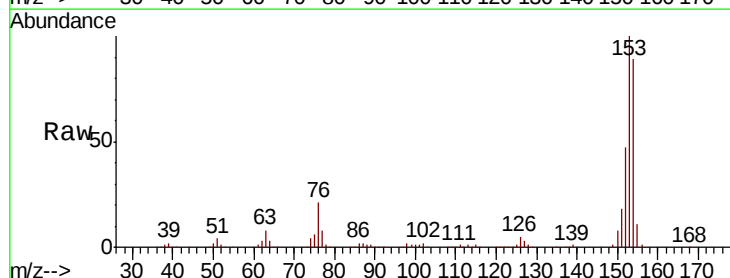
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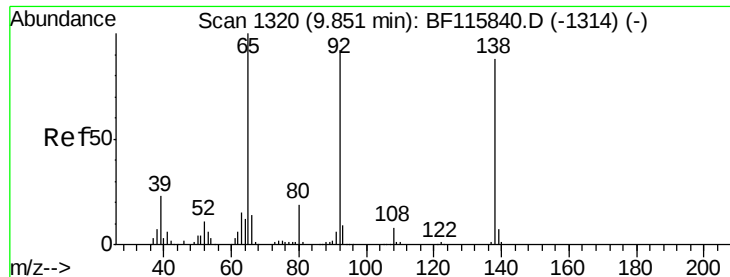
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#52
 Acenaphthene
 Concen: 39.458 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	644535		
153	111.9		89.4	134.0
152	52.8		42.3	63.5





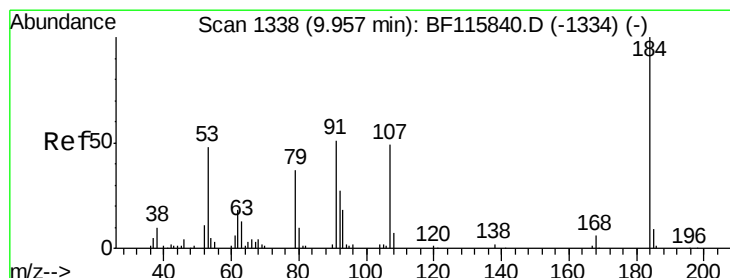
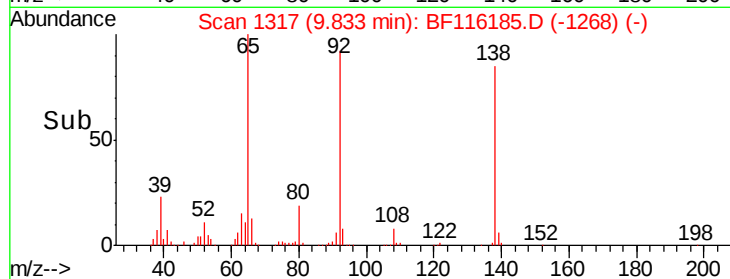
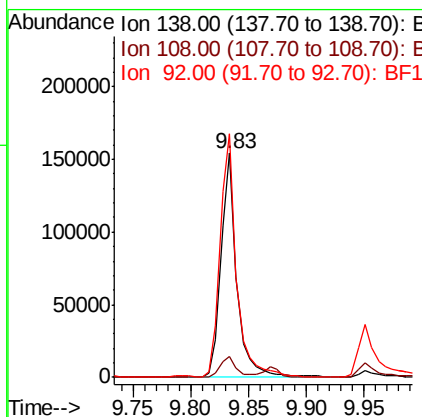
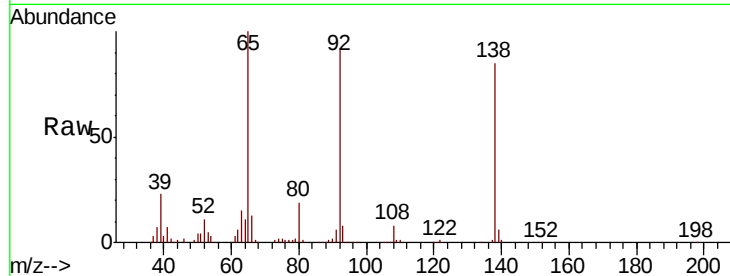
#53
 3-Nitroaniline
 Concen: 25.850 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	146797		
108	9.3	8.0	12.0	
92	108.8	91.0	136.6	

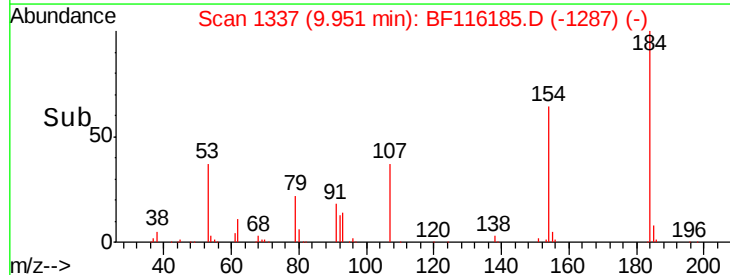
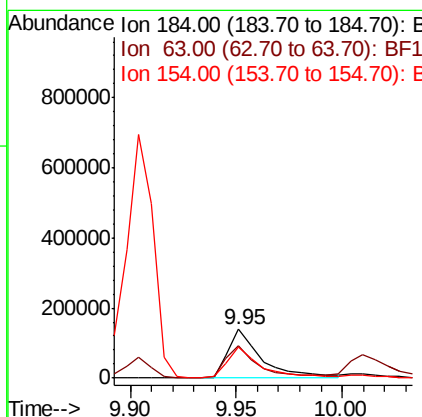
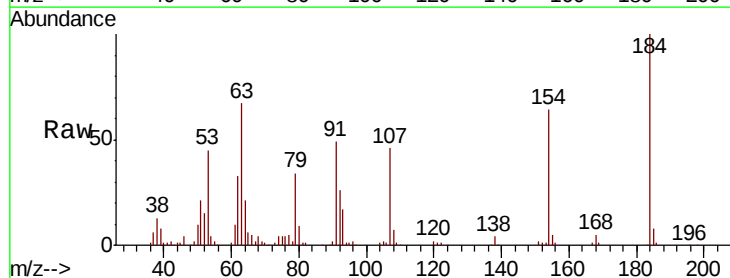
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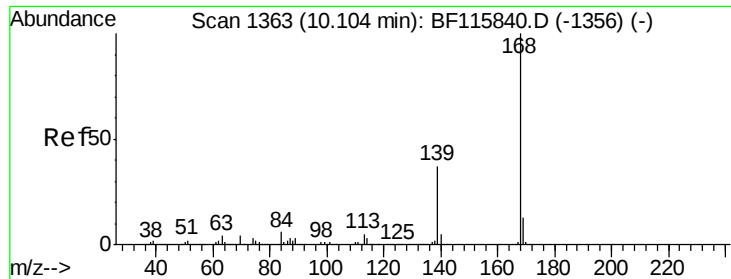
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#54
 2,4-Dinitrophenol
 Concen: 67.230 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	153922		
63	66.7	53.0	79.4	
154	63.8	50.1	75.1	





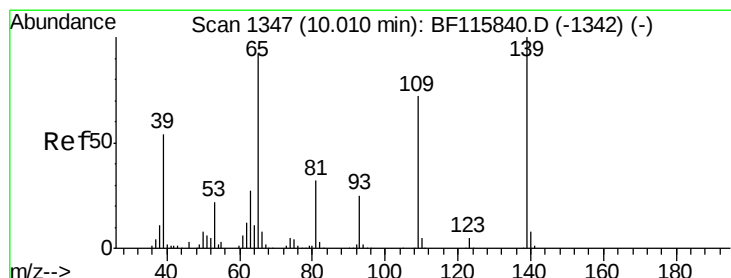
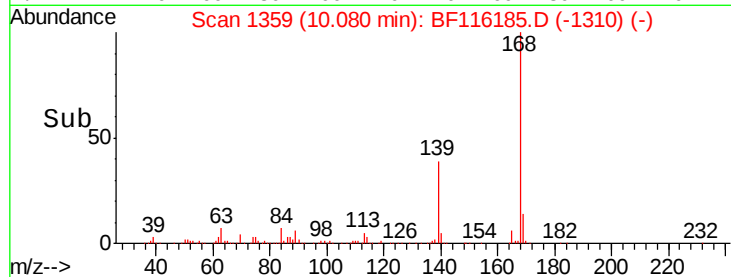
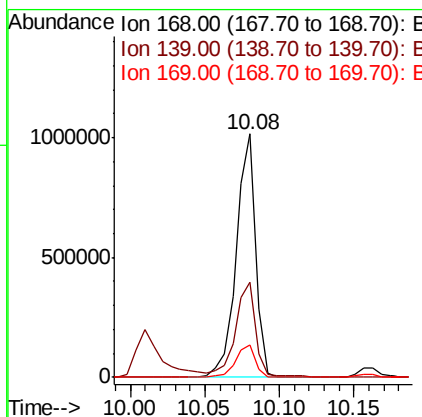
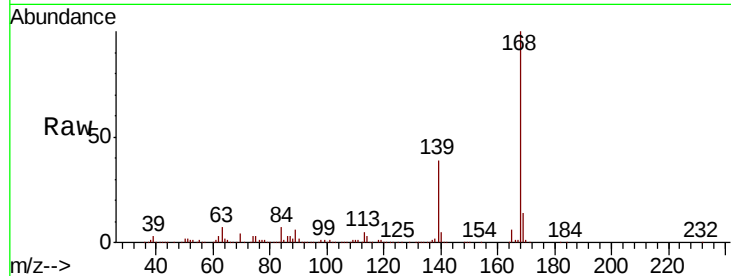
#55
Dibenzofuran
Concen: 38.963 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	925567		
139	39.1		31.4	47.2
169	13.6		10.9	16.3

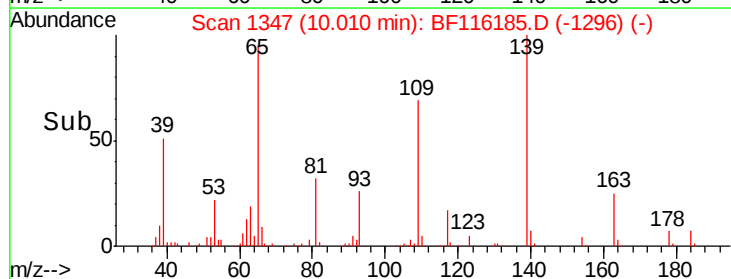
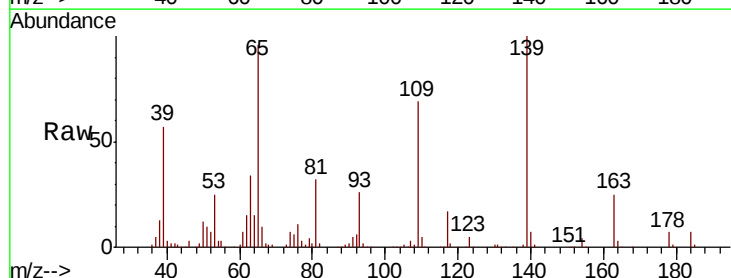
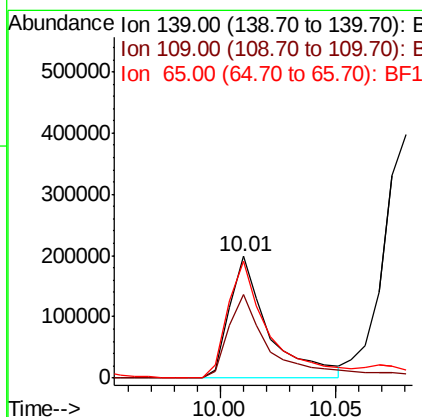
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#56
4-Nitrophenol
Concen: 64.812 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	235778		
109	69.1		54.4	94.4
65	96.0		80.6	120.6





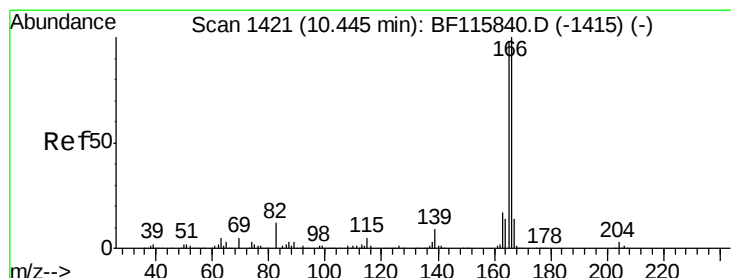
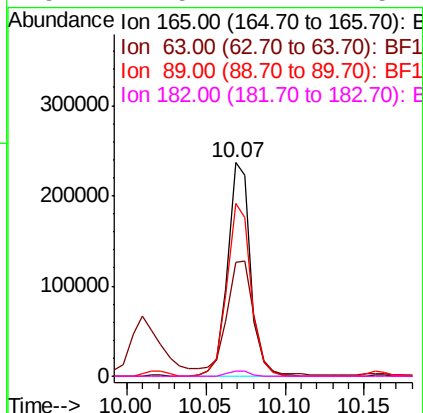
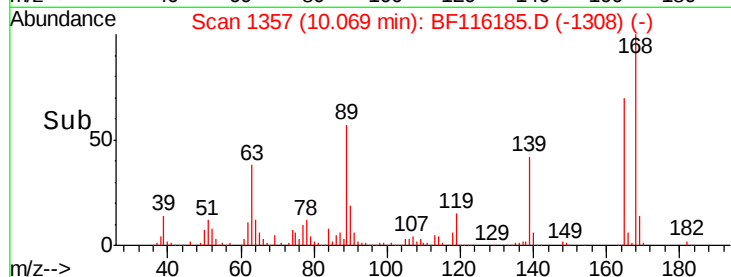
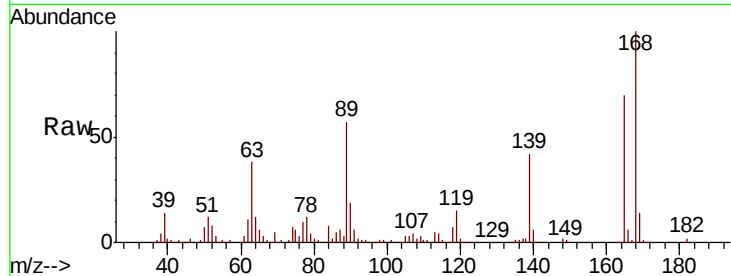
#57
2,4-Dinitrotoluene
Concen: 38.508 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		235631		
63	53.6	39.6	59.4		
89	80.9	62.2	93.2		
182	2.5	2.1	3.1		

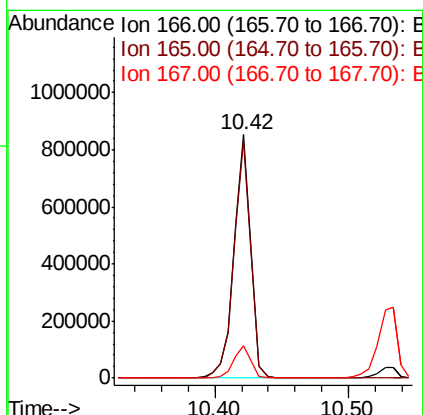
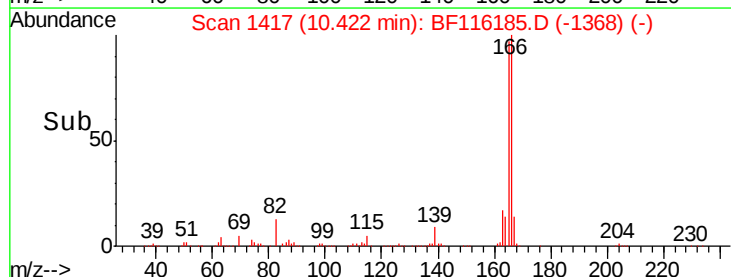
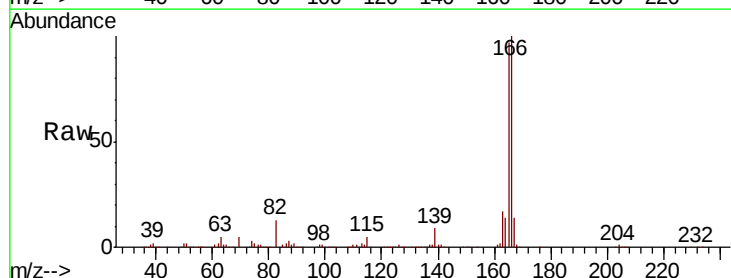
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#58
Fluorene
Concen: 41.248 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		753859		
165	97.4	78.4	117.6		
167	13.6	11.0	16.4		





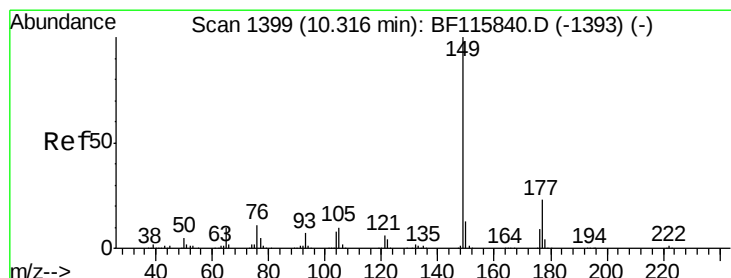
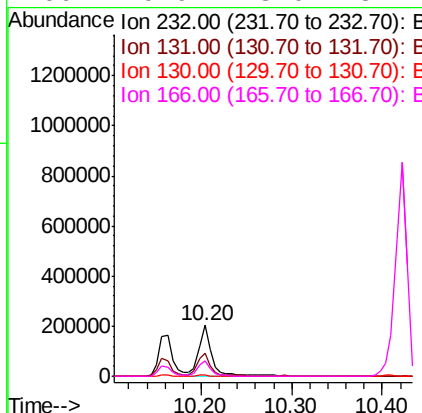
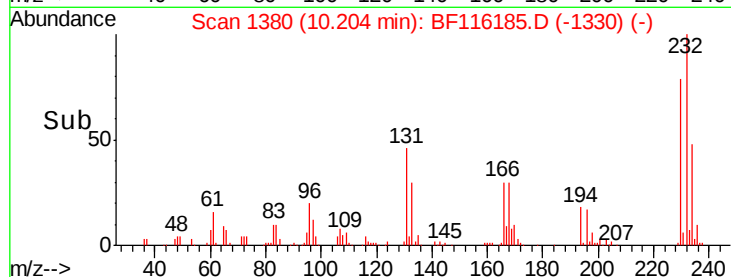
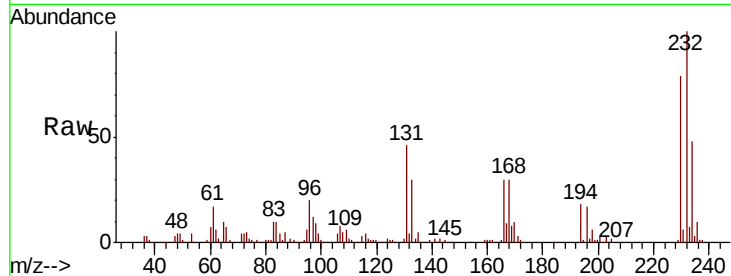
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.368 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		200653		
131	45.6	36.2	54.2		
130	2.4	1.9	2.9		
166	29.9	23.0	34.4		

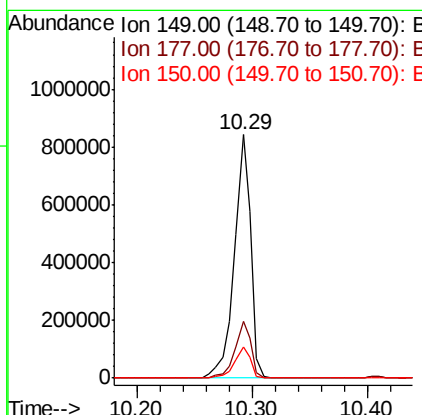
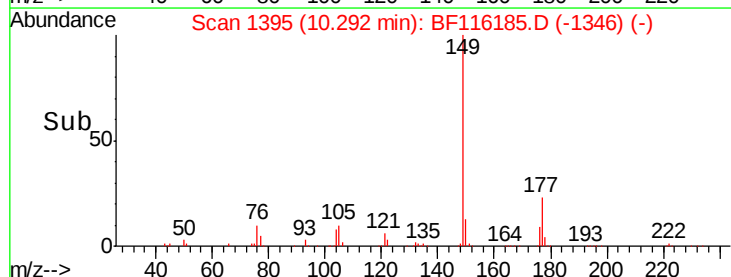
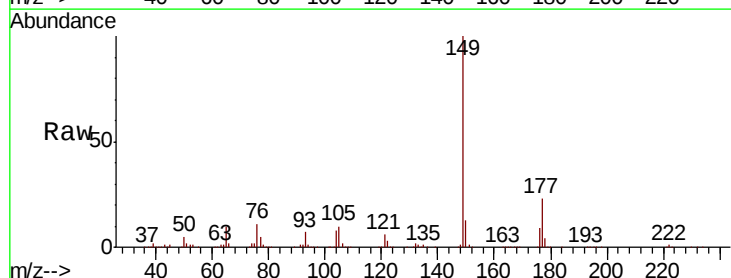
Manual Integrations
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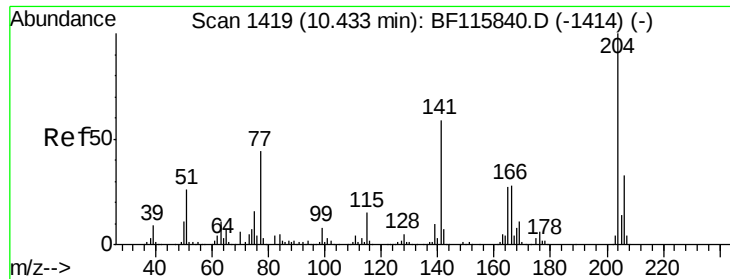
mohammad
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#60
Diethylphthalate
Concen: 41.477 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		818943		
177	23.1	18.8	28.2		
150	12.7	10.2	15.4		





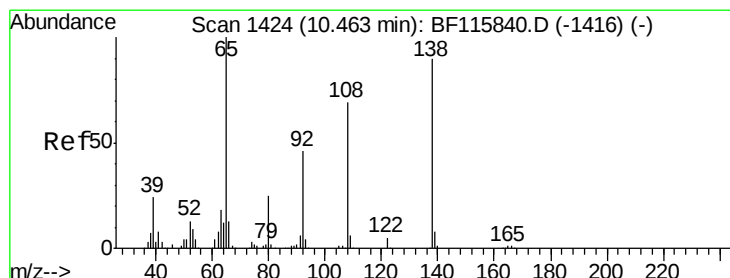
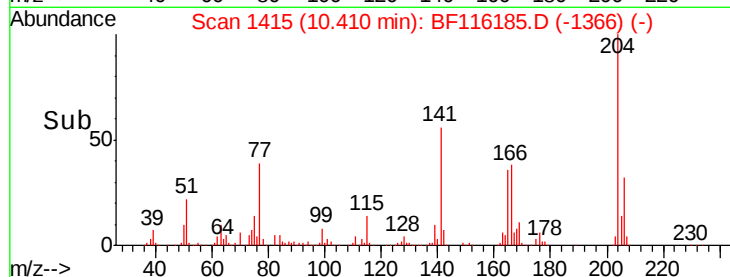
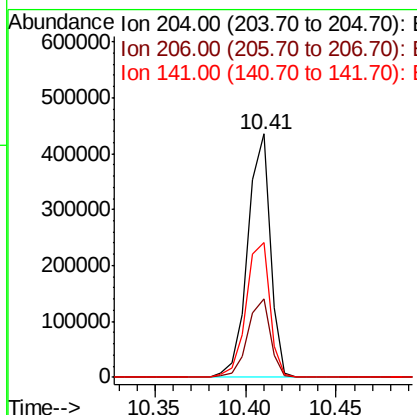
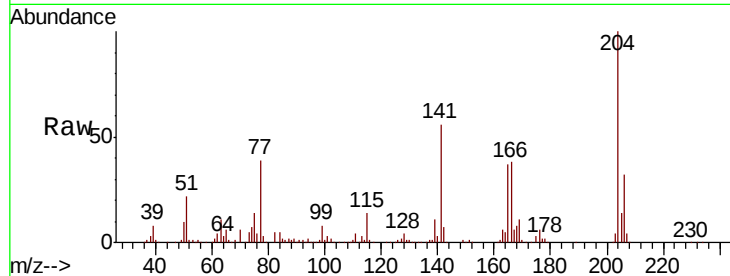
#61
 4-Chlorophenyl-phenylether
 Concen: 40.928 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleID :
 PB122104BS

Tot Ion:	204	Resp:	378835
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.4	39.6
141	55.6	46.4	69.6

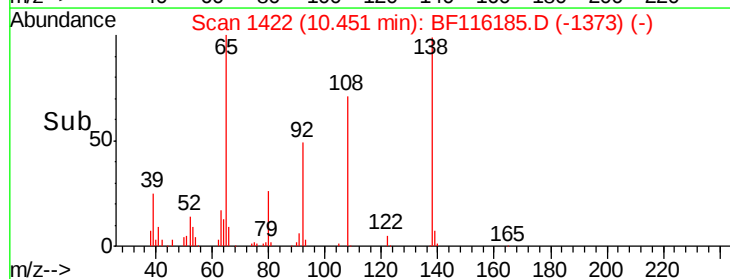
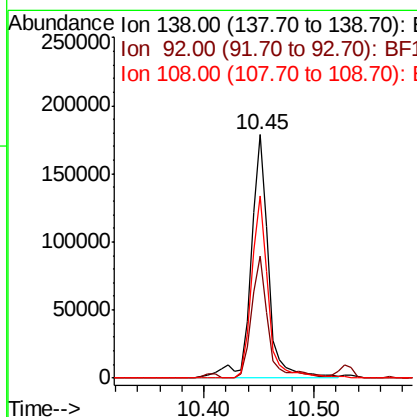
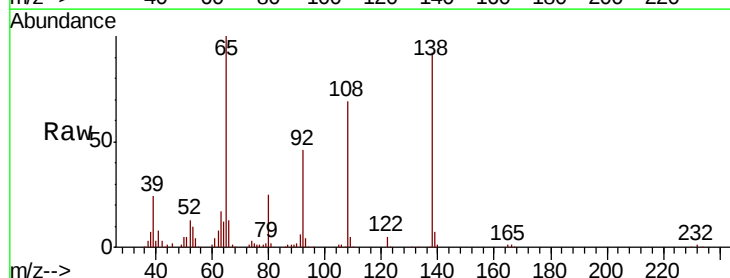
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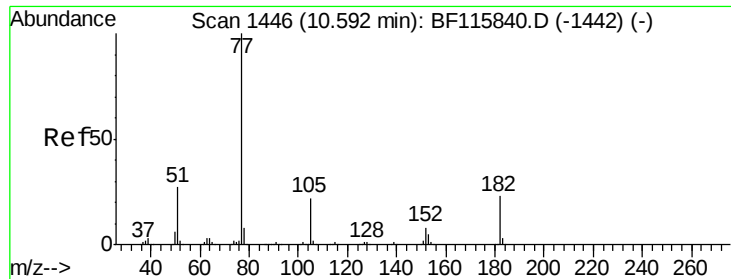
mohammad
 8/14/2019 2:53:24 AM



#62
 4-Nitroaniline
 Concen: 33.736 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:	138	Resp:	197990
Ion Ratio	Lower	Upper	
138	100		
92	50.1	29.0	69.0
108	74.9	54.7	94.7





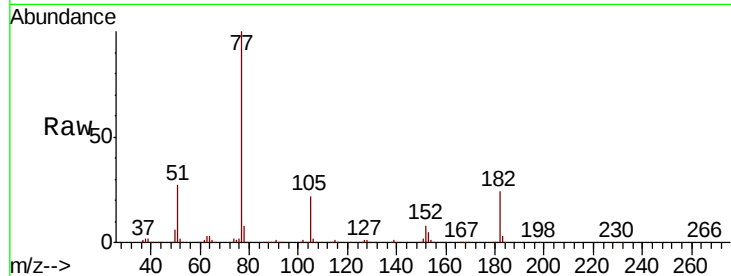
#63
Azobenzene
Concen: 40.973 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

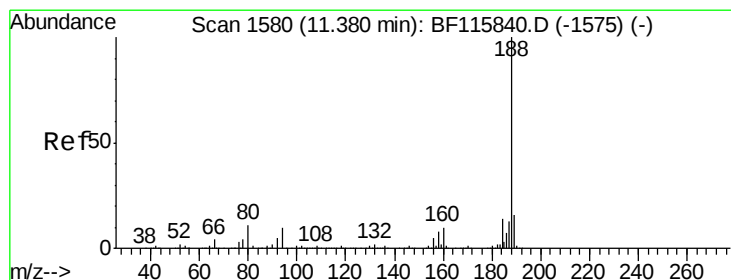
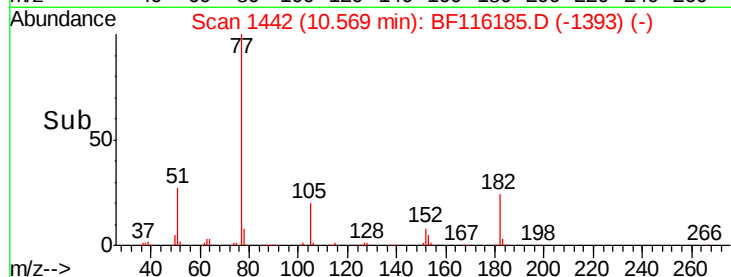
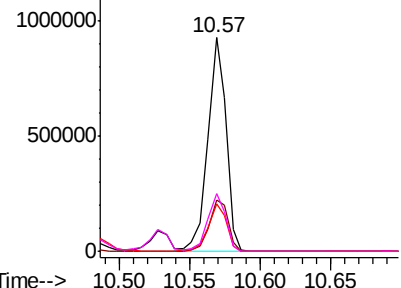
Tot Ion	Ratio	Resp	Lower	Upper
77	100	832112		
182	23.7	4.0	44.0	
105	22.1	2.0	42.0	
51	26.8	7.5	47.5	

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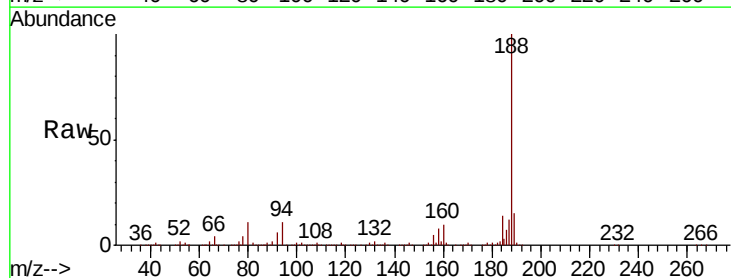


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

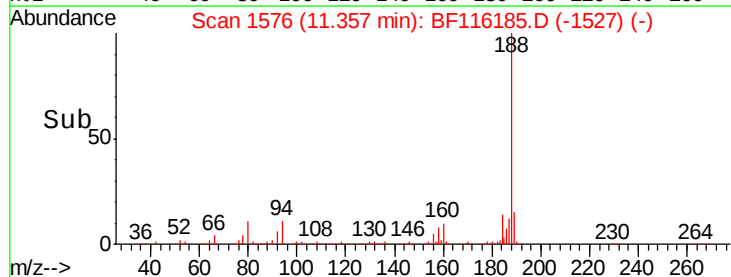
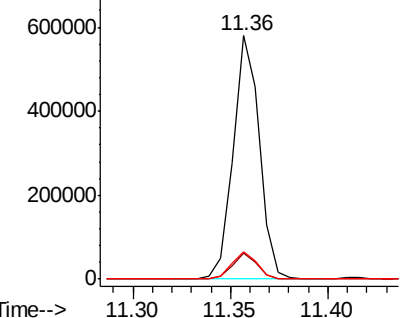


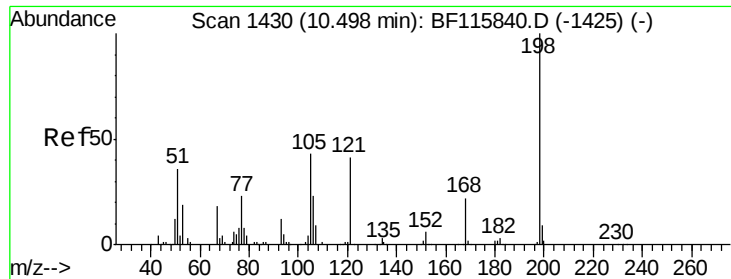
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	537513		
94	10.6	8.1	12.1	
80	11.2	8.7	13.1	



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: 42.464 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tot Ion:198 Resp: 120956

Ion Ratio Lower Upper

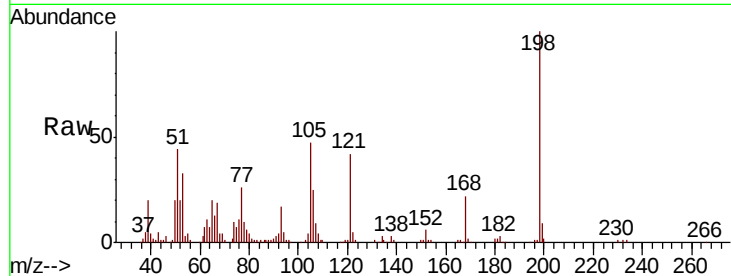
198 100

51 43.6 17.0 57.0

105 47.1 21.6 61.6

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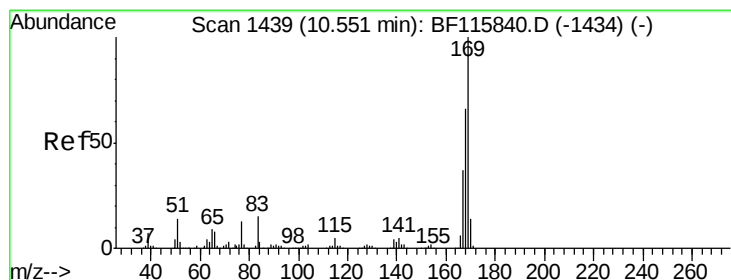
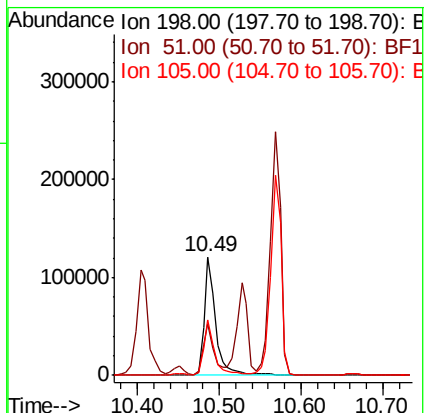
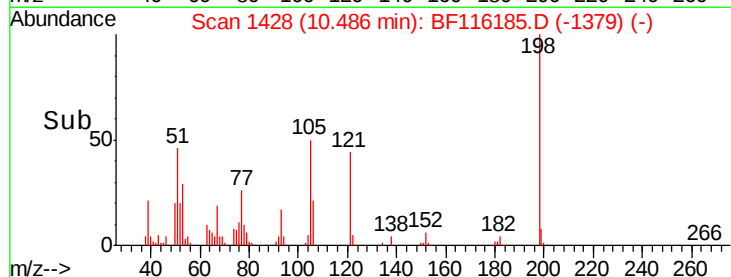
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.275 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

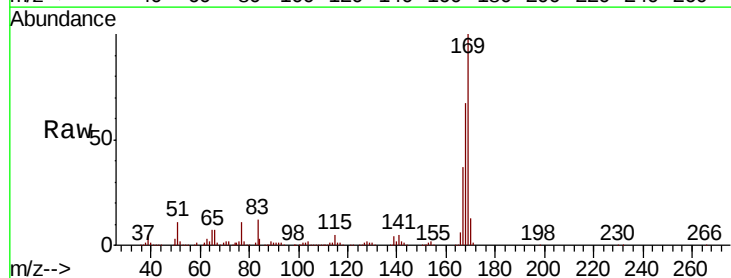
Tgt Ion:169 Resp: 667770

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

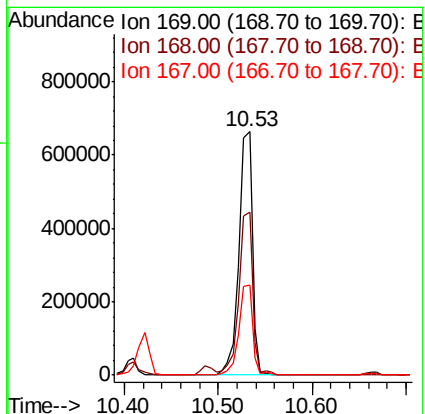
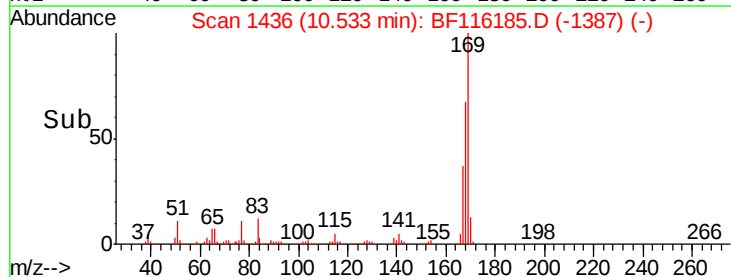
167 37.2 29.6 44.4

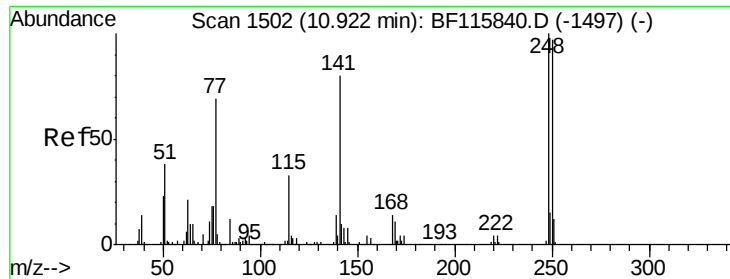


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





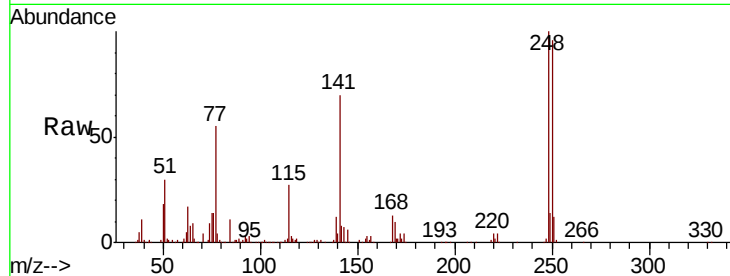
#67
4-Bromophenyl-phenylether
Concen: 40.931 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	69.7	56.8	85.2

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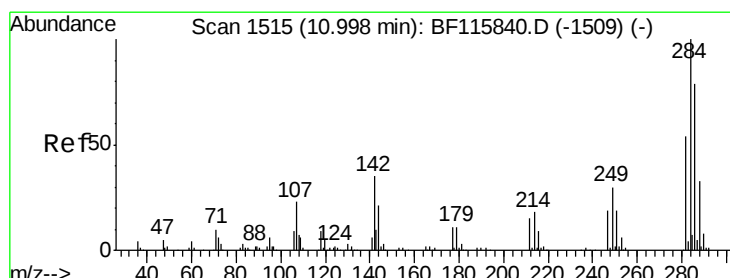
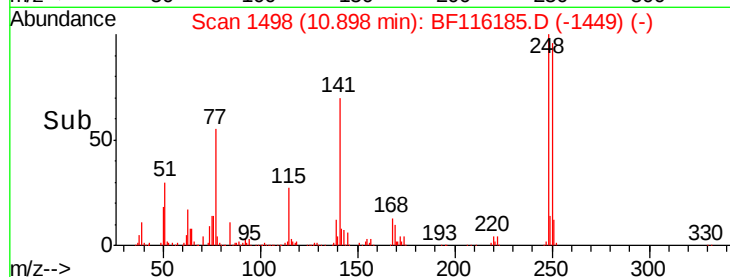
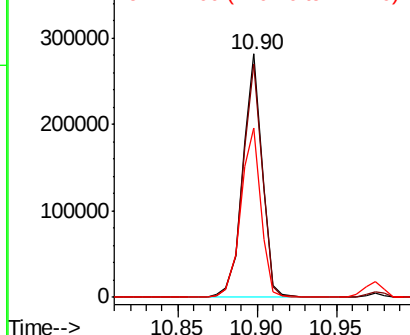


Abundance

Ion 248.00 (247.70 to 248.70): E

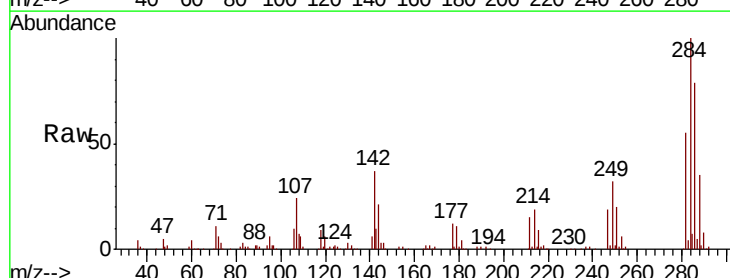
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.762 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	28.4	42.6
249	31.6	24.5	36.7

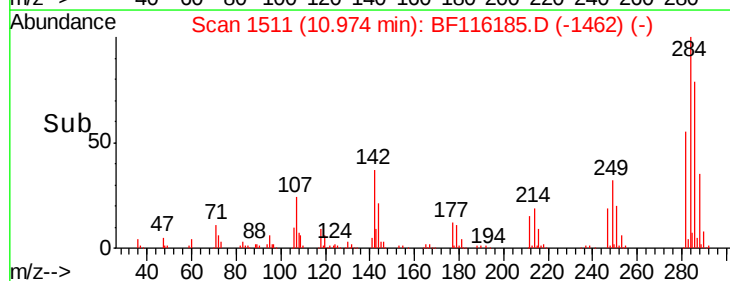
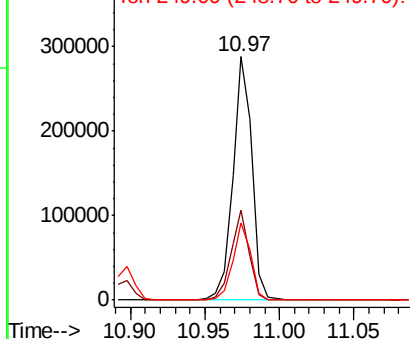


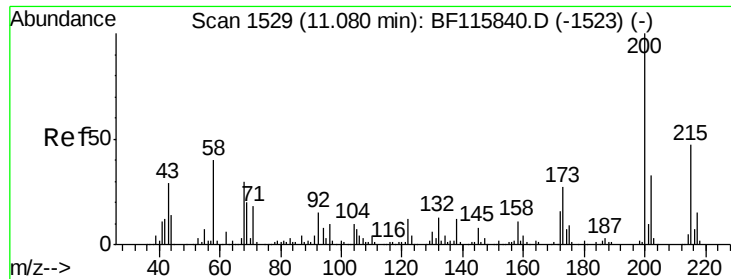
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





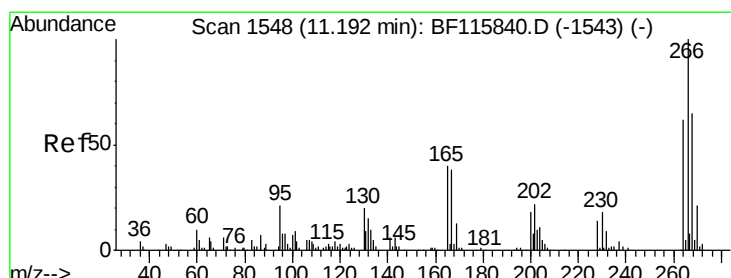
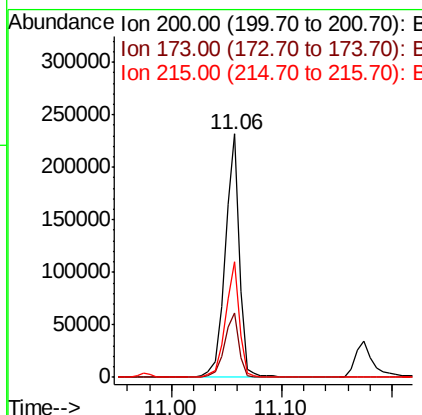
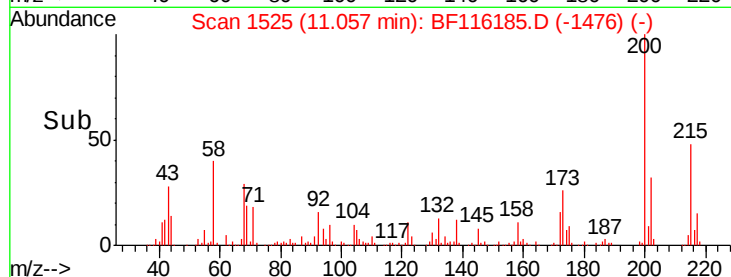
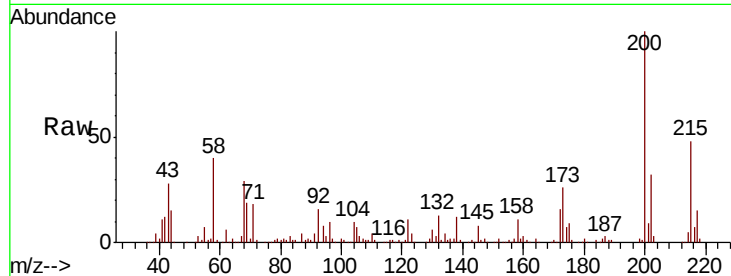
#69
 Atrazine
 Concen: 39.085 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	6.8	46.8
215	47.5	27.5	67.5

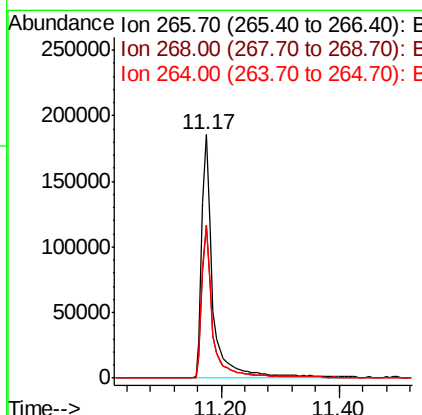
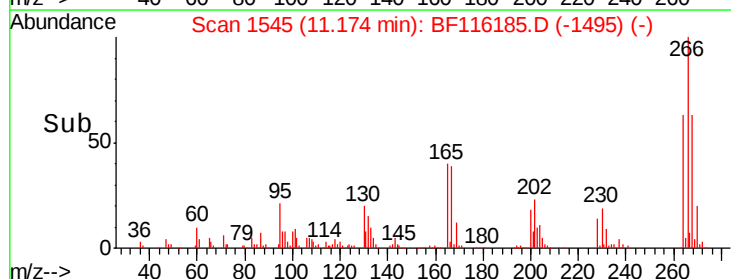
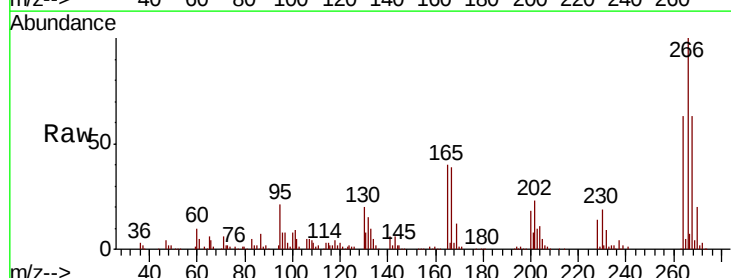
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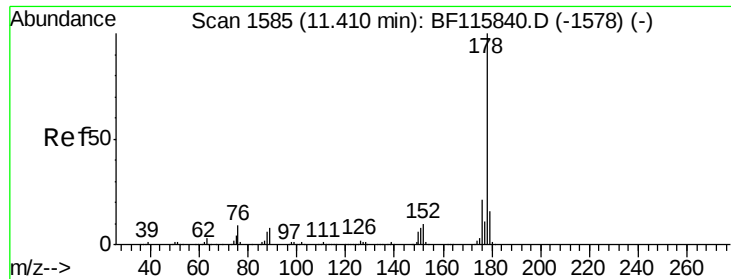
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#70
 Pentachlorophenol
 Concen: 74.806 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	48.8	73.2
264	62.6	50.6	76.0





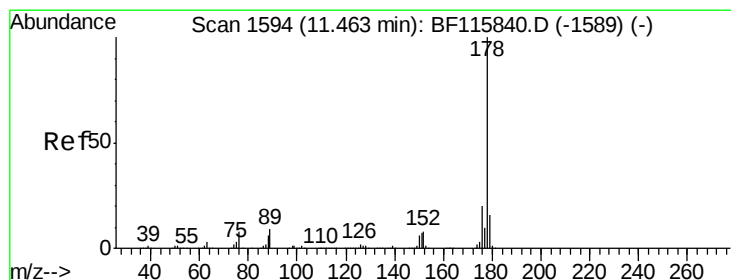
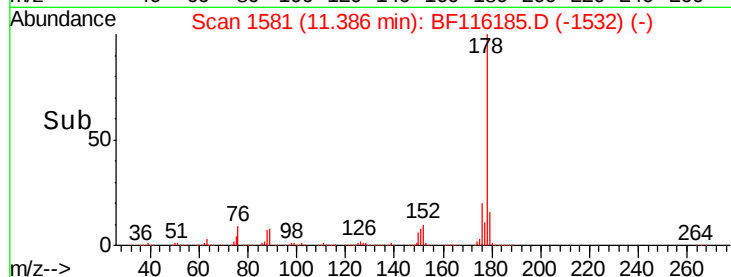
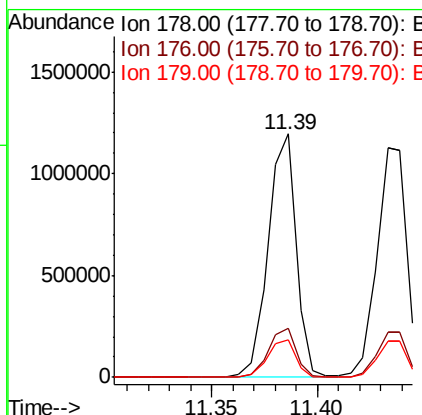
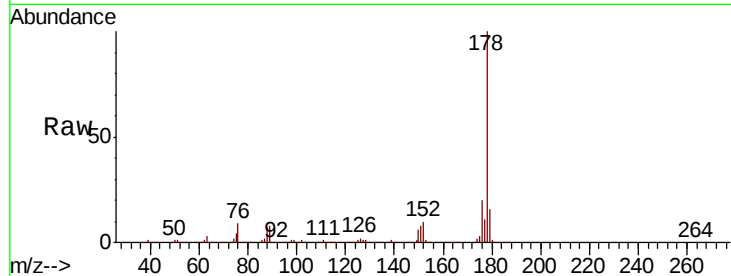
#71
Phenanthrene
Concen: 40.302 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	24.8
179	15.6	12.5	18.7

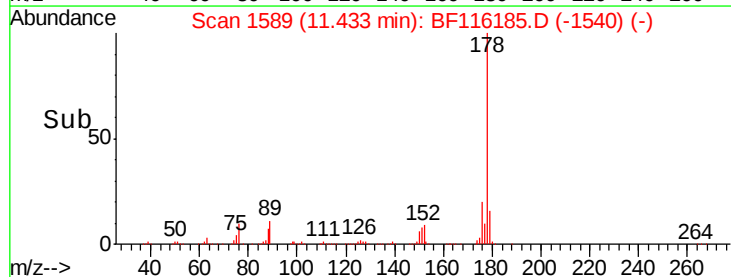
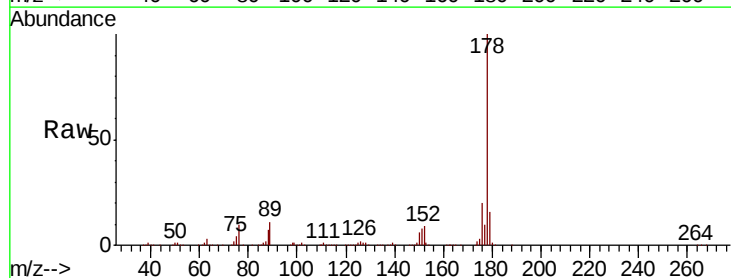
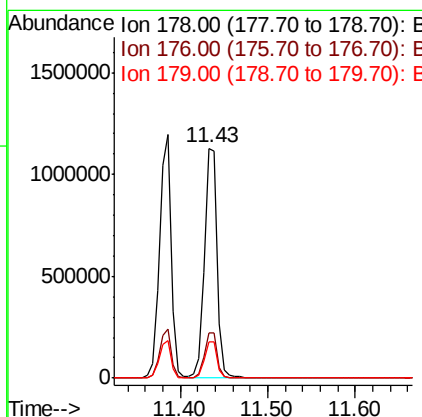
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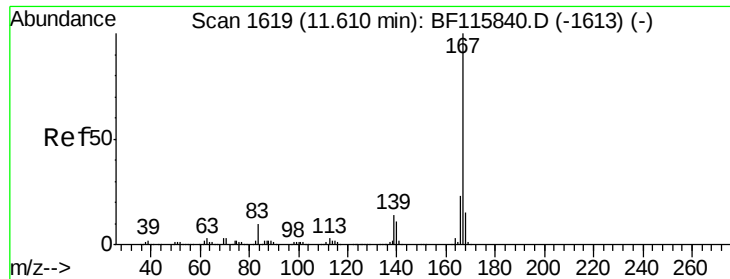
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#72
Anthracene
Concen: 41.180 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.0	13.0	19.6





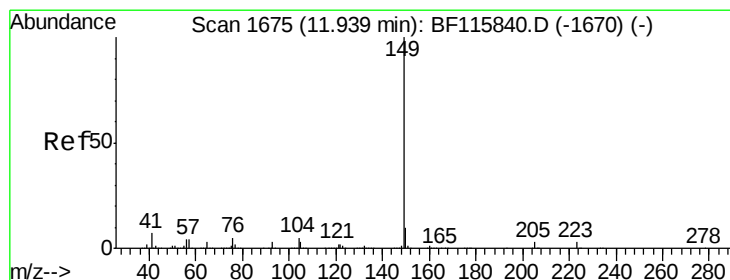
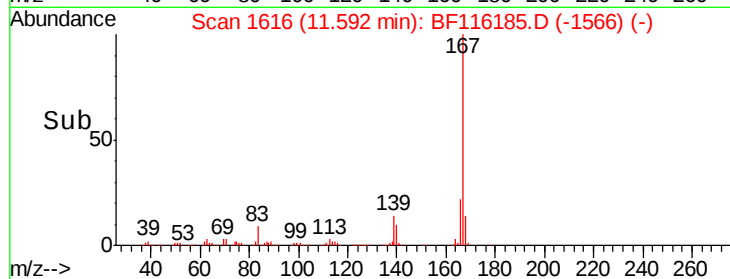
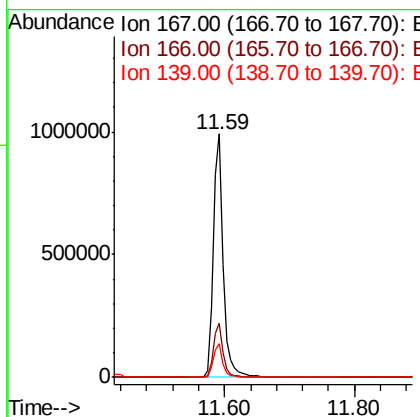
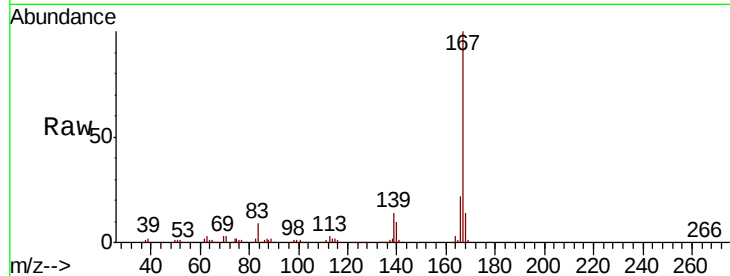
#73
 Carbazole
 Concen: 41.309 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.9	11.4	17.0

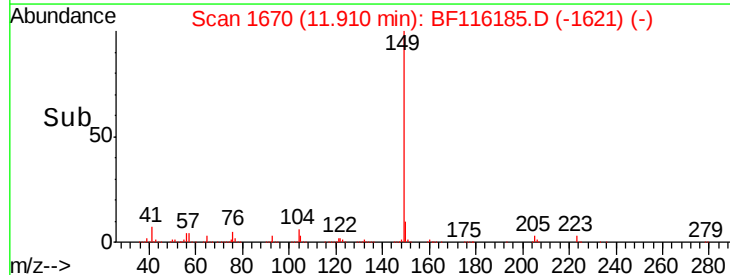
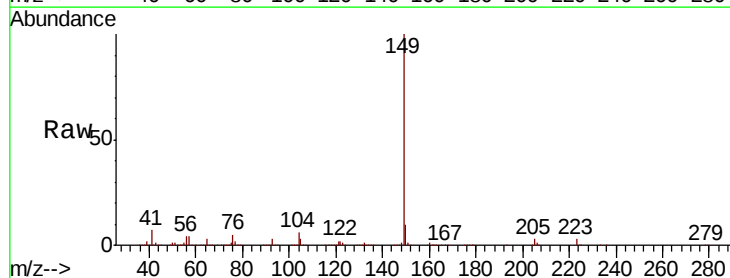
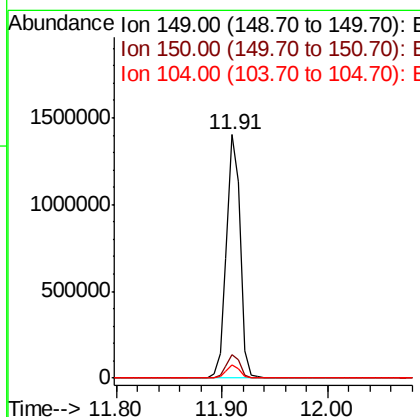
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#74
 Di-n-butylphthalate
 Concen: 43.078 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.5	4.5	6.7





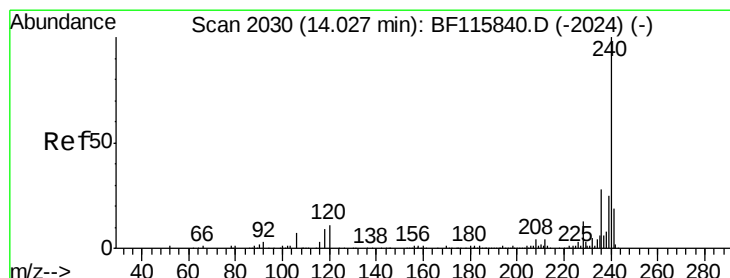
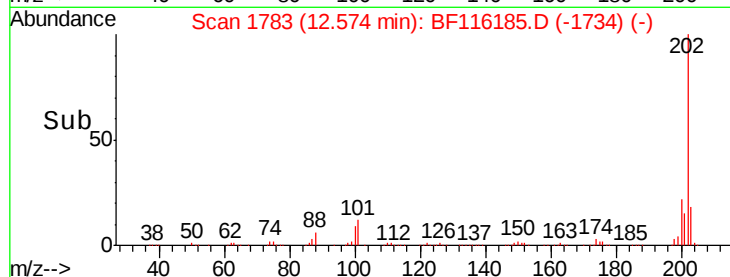
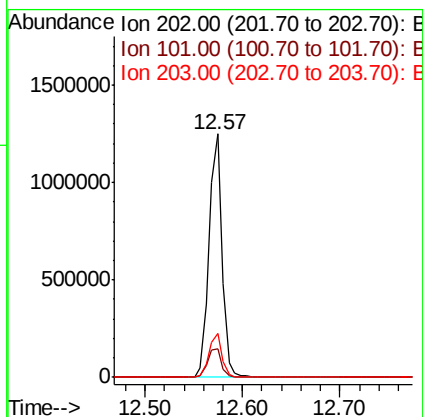
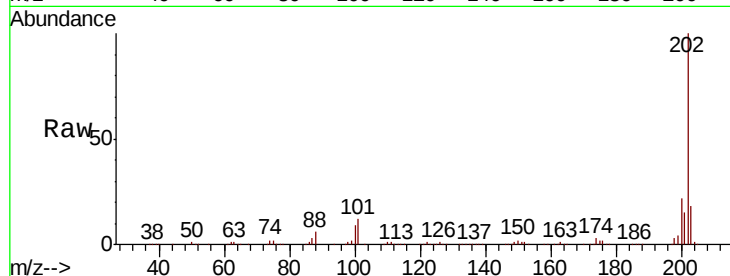
#75
Fluoranthene
Concen: 40.491 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1164827		
101	11.8	0.0	31.2	
203	18.0	0.0	37.8	

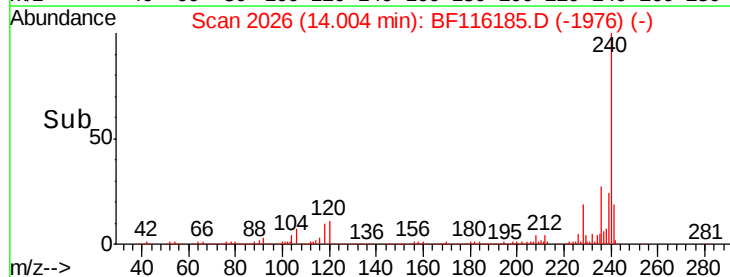
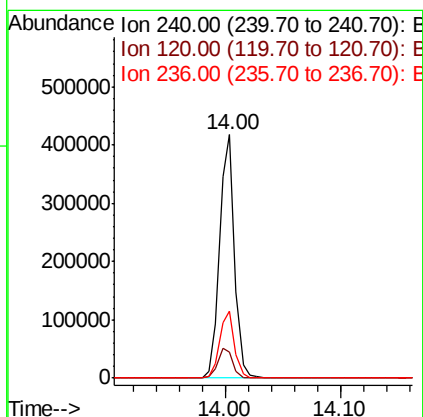
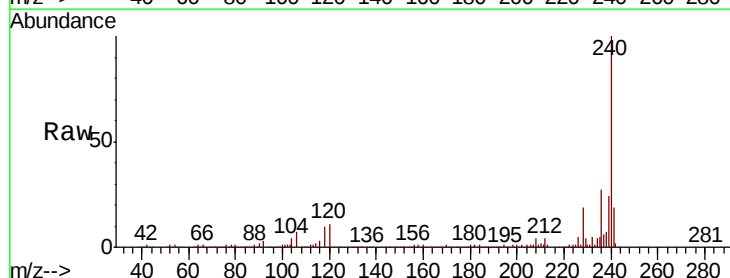
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	372096		
120	10.5	10.7	16.1#	
236	27.4	22.2	33.2	





#77

Benzidine

Concen: 26.435 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

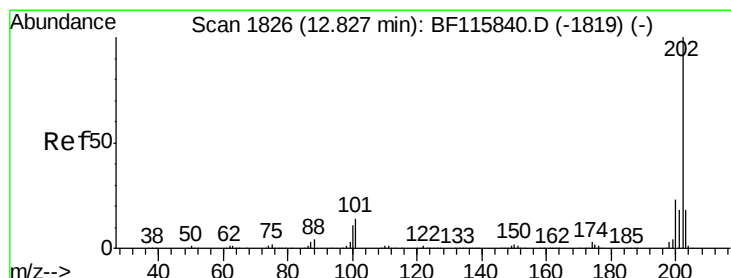
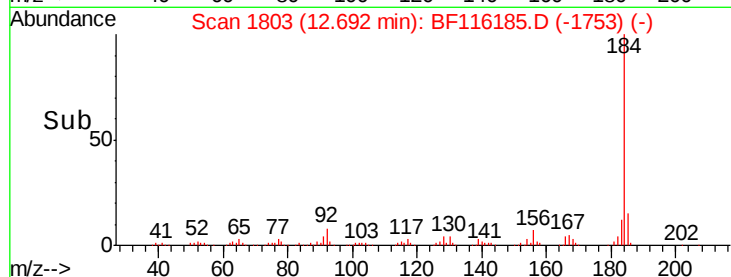
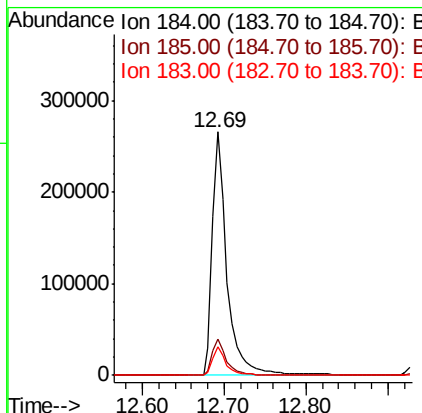
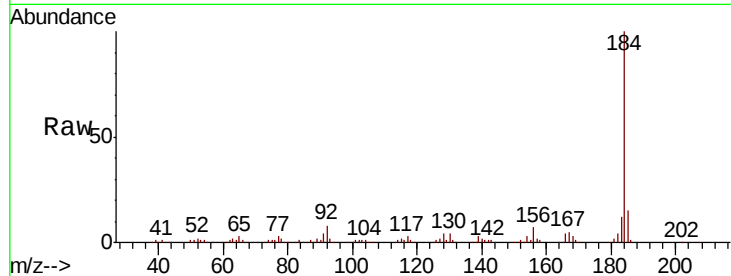
ClientSampleId :

PB122104BS

Tot Ion:	184	Resp:	332313
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.8	19.2
183	11.6	9.4	14.0

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#78

Pyrene

Concen: 41.860 ng

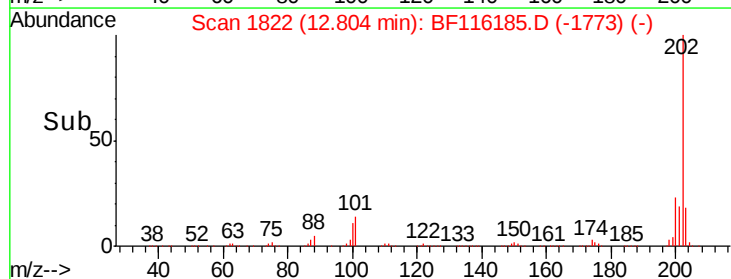
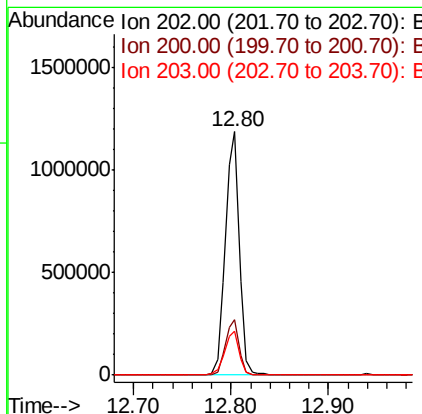
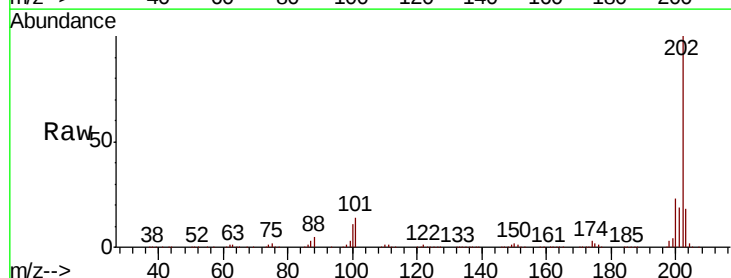
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Tgt Ion:	202	Resp:	1174150
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.0	27.0
203	17.9	14.1	21.1





#79

Terphenyl-d14

Concen: 82.895 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tot Ion:244 Resp: 1463814

Ion Ratio Lower Upper

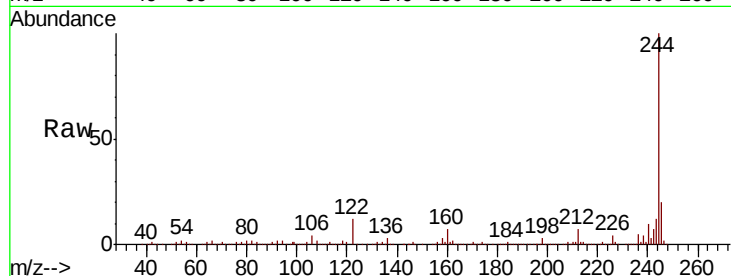
244 100

212 7.2 5.8 8.8

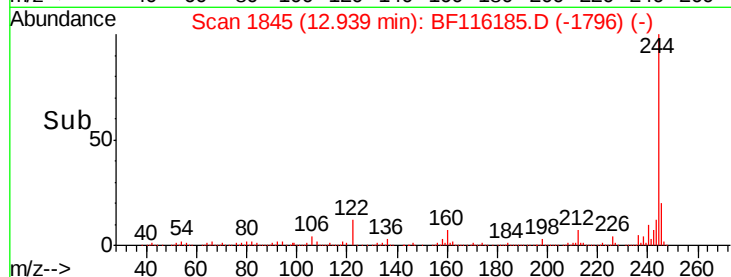
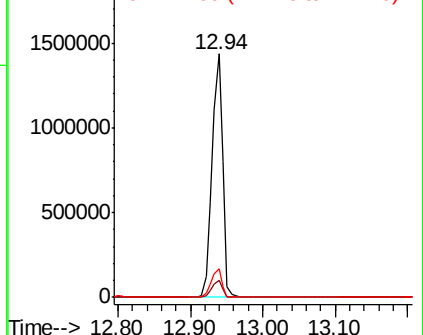
122 11.6 9.0 13.4

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



#80

Butylbenzylphthalate

Concen: 43.872 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

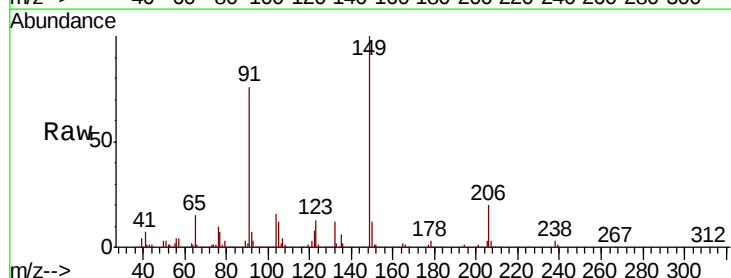
Tgt Ion:149 Resp: 520536

Ion Ratio Lower Upper

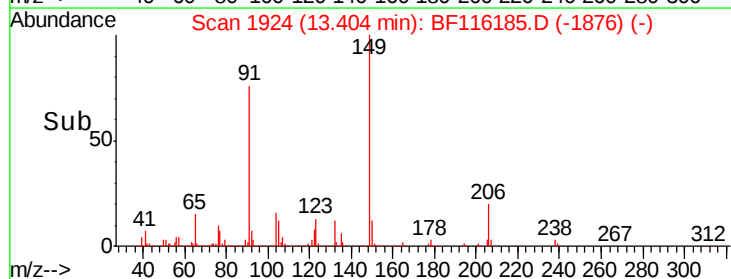
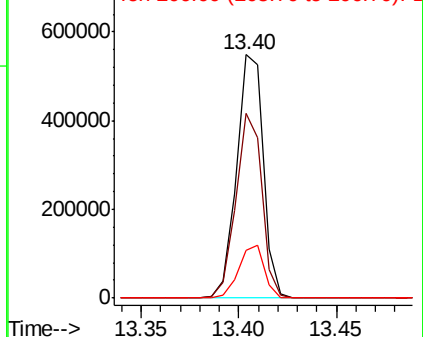
149 100

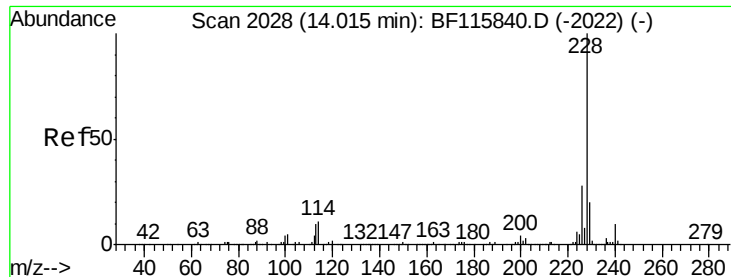
91 75.8 56.3 84.5

206 19.8 18.0 27.0



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





#81

Benzo(a)anthracene

Concen: 40.229 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

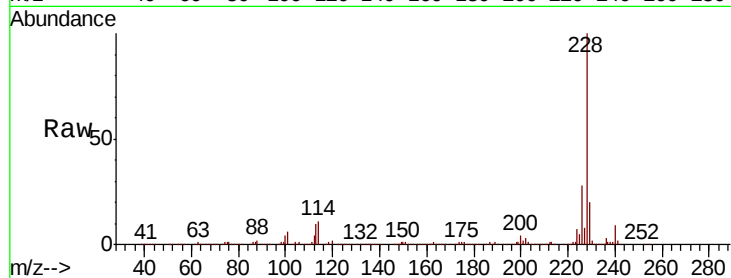
ClientSampleId :

PB122104BS

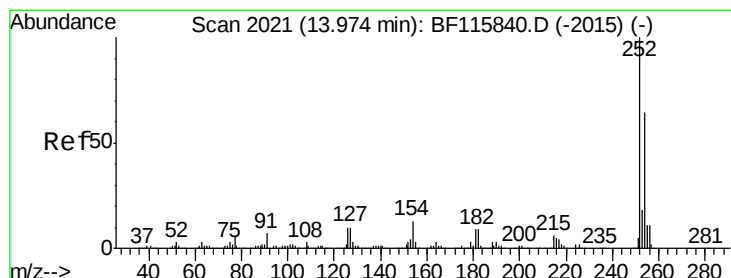
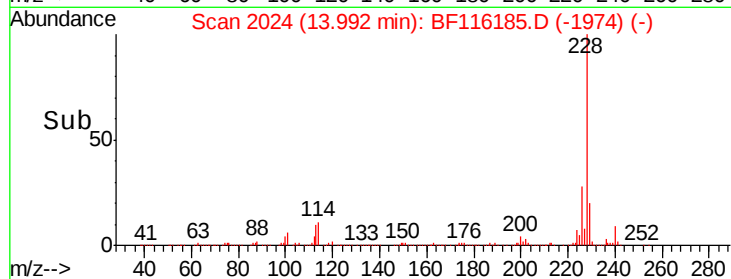
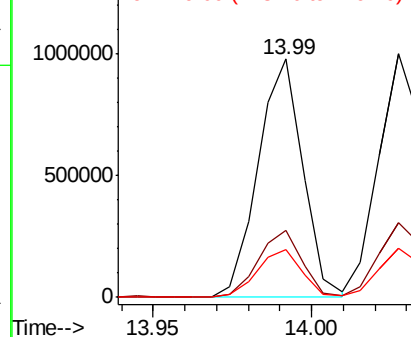
Tot Ion:	228	Resp:	956765
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.7	34.1
229	20.3	16.2	24.4

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



#82

3,3'-Dichlorobenzidine

Concen: 34.555 ng

RT: 13.94 min Scan# 2016

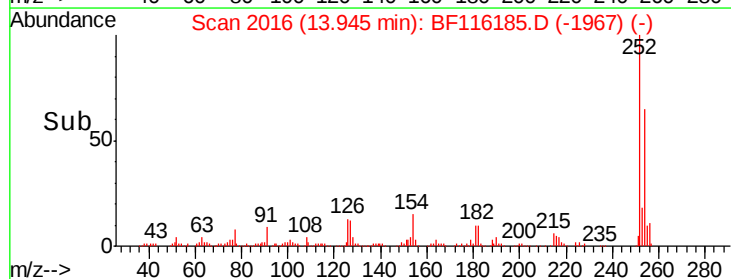
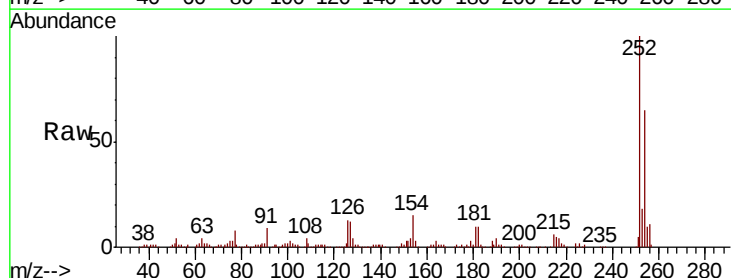
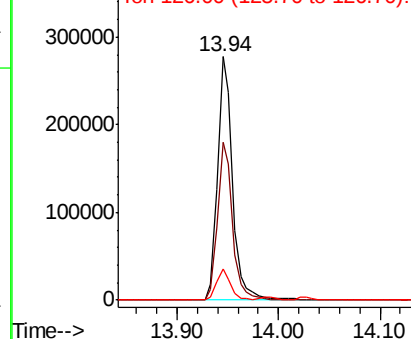
Delta R.T. -0.01 min

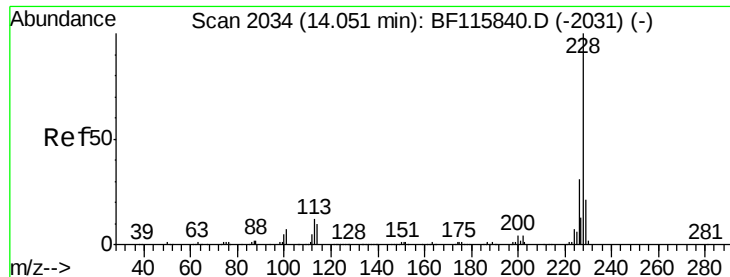
Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Tgt Ion:	252	Resp:	285513
Ion Ratio	Lower	Upper	
252	100		
254	64.8	50.9	76.3
126	12.9	9.8	14.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





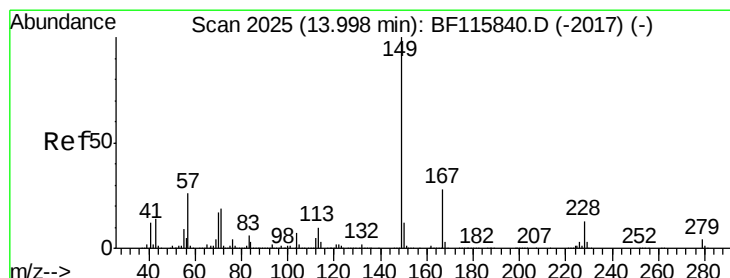
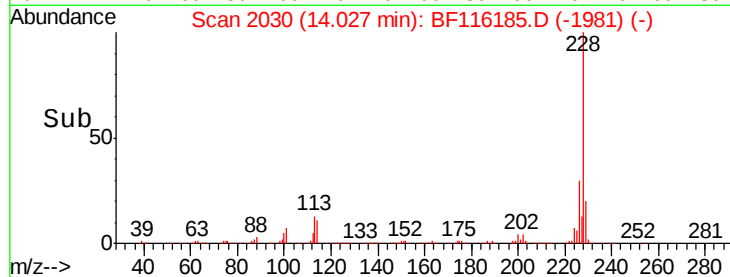
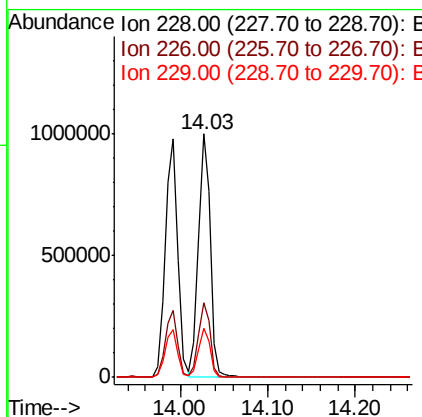
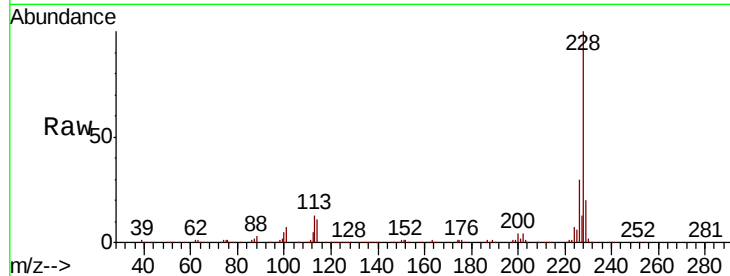
#83
 Chrvsene
 Concen: 41.249 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	20.0	16.6	24.8

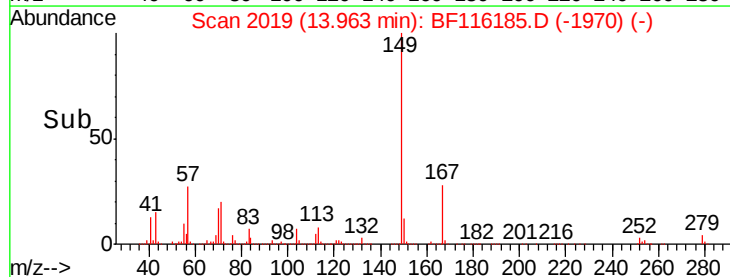
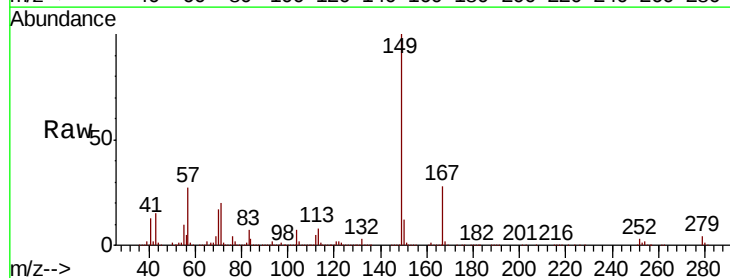
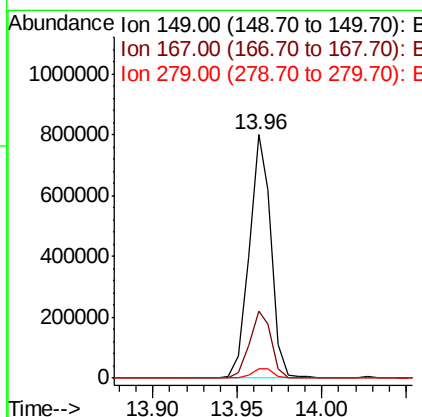
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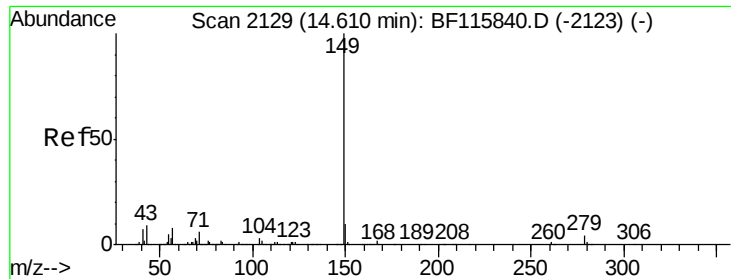
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.678 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	3.7	3.0	4.4





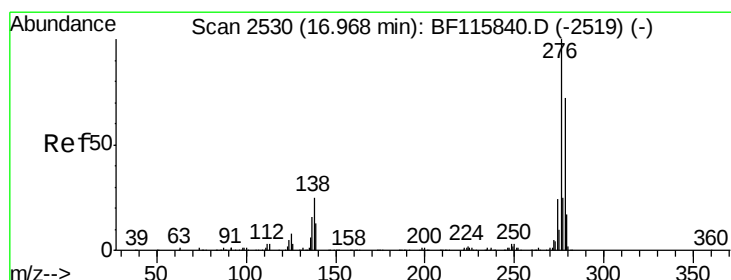
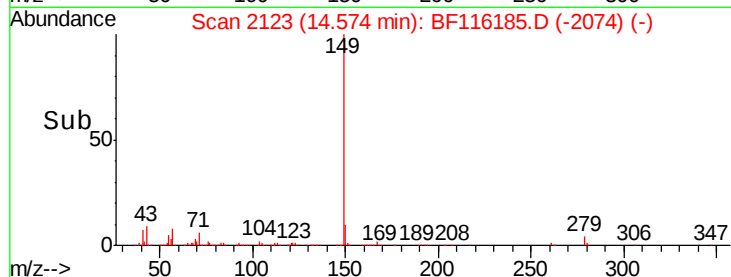
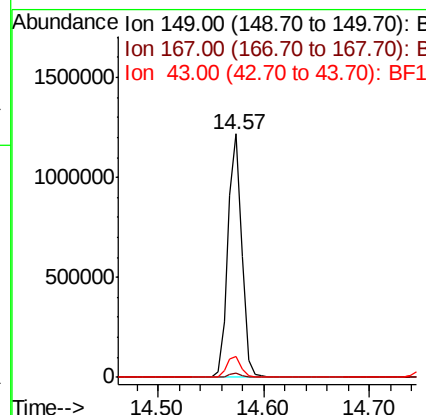
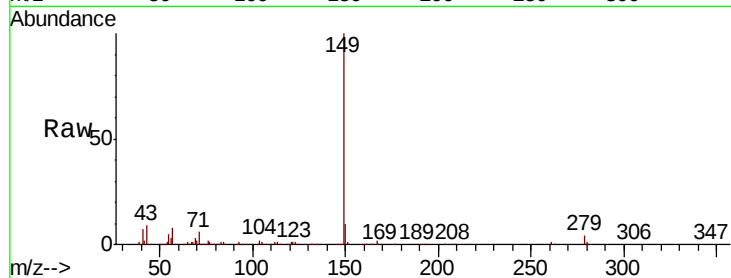
#85
Di-n-octyl phthalate
Concen: 45.704 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3

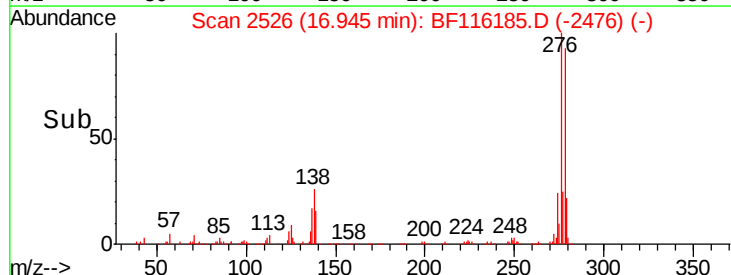
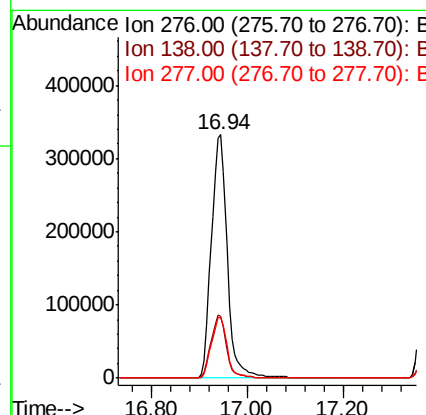
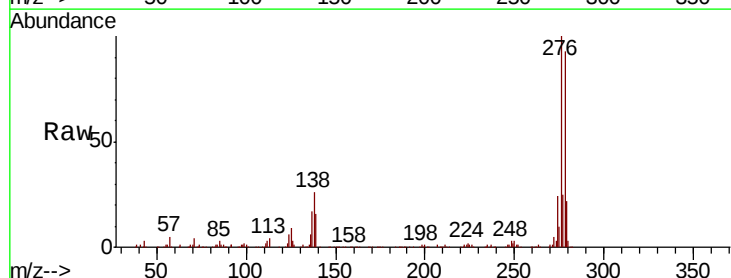
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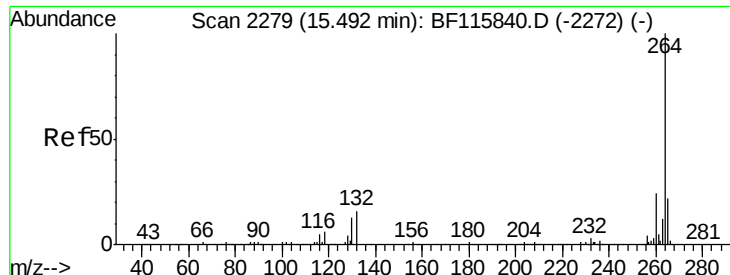
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.703 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.4	30.6
277	24.8	20.0	30.0





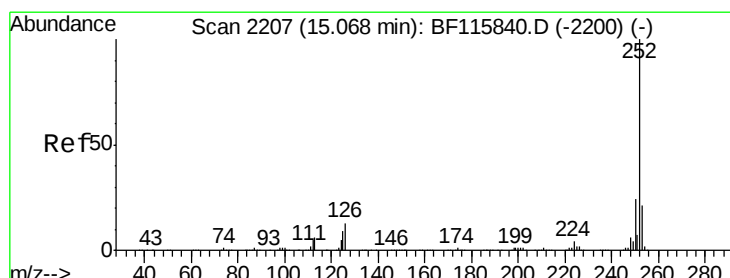
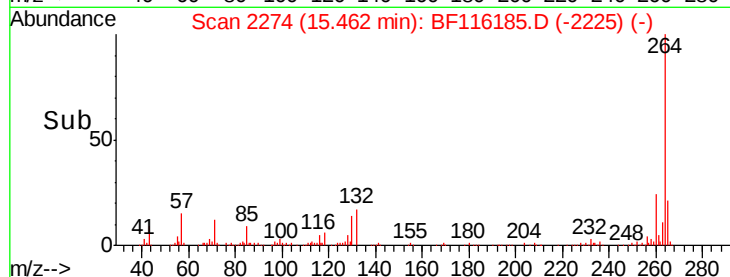
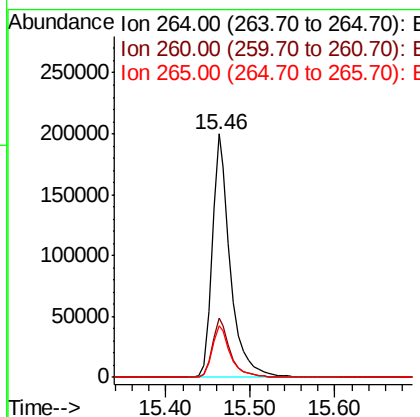
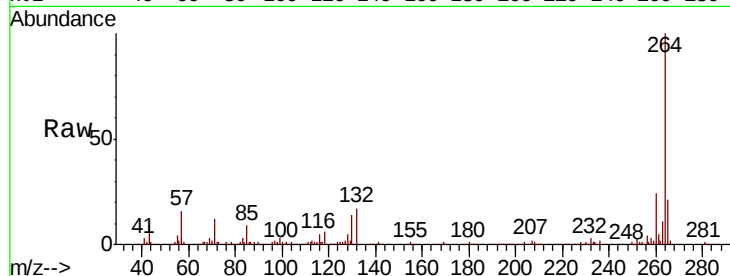
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampled :
PB122104BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.3	17.4	26.0

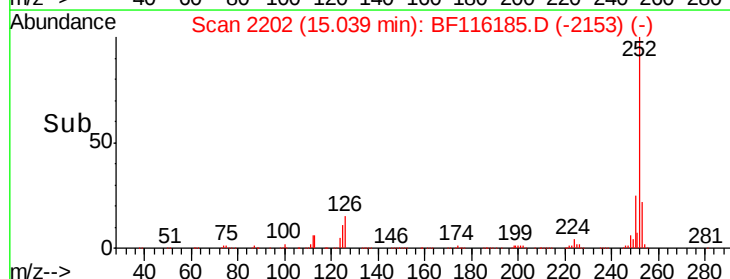
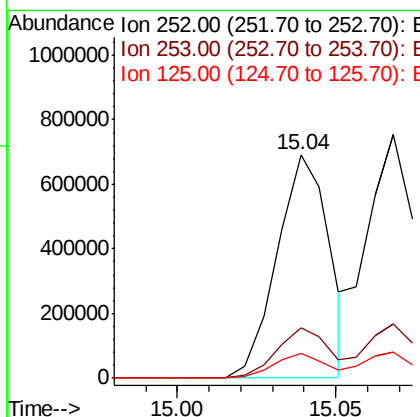
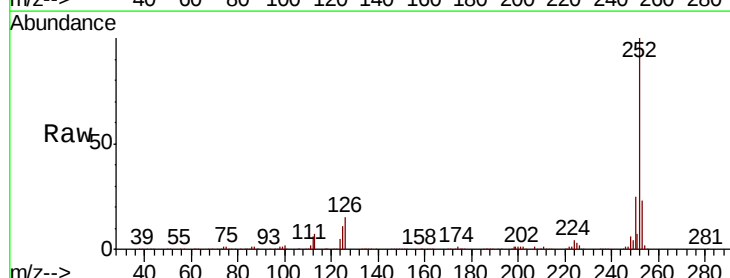
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#88
Benzo(b)fluoranthene
Concen: 45.537 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.9	8.4	12.6





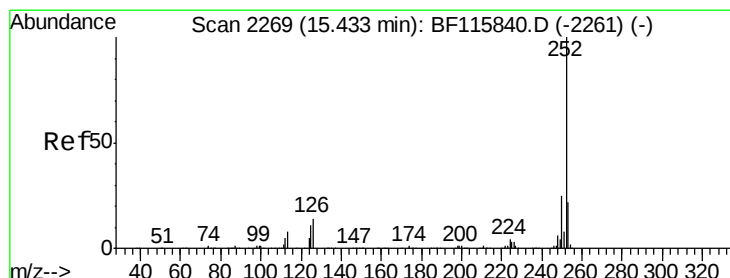
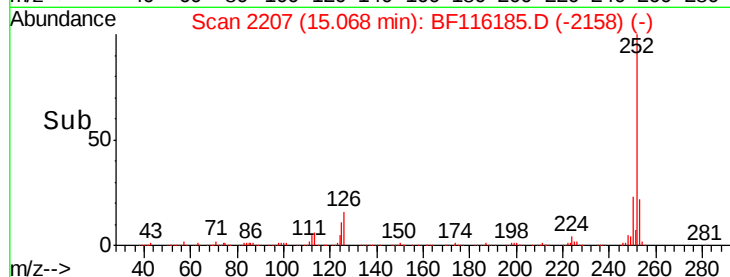
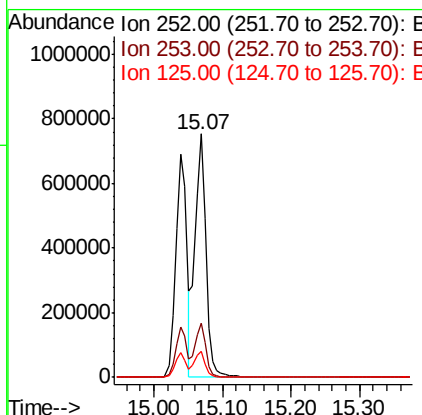
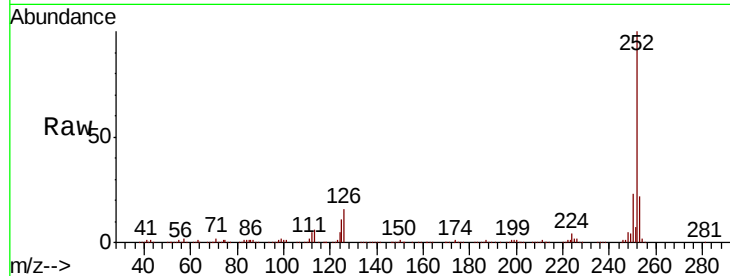
#89
Benzo(k)fluoranthene
Concen: 49.674 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.7	7.7	11.5

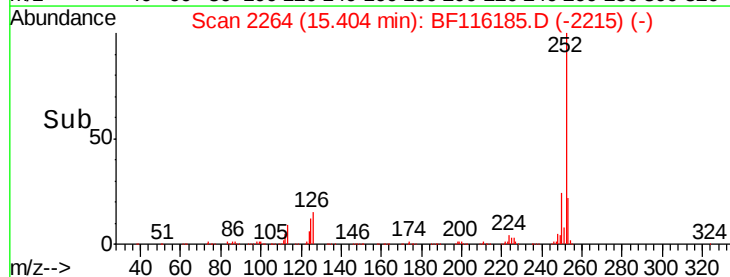
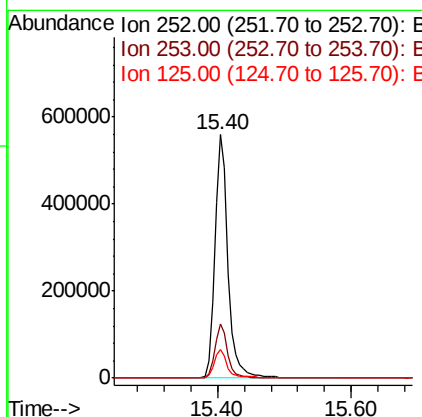
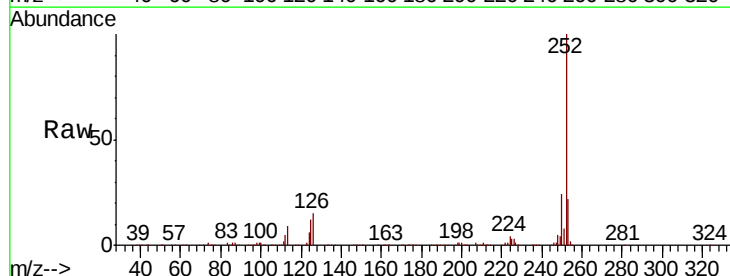
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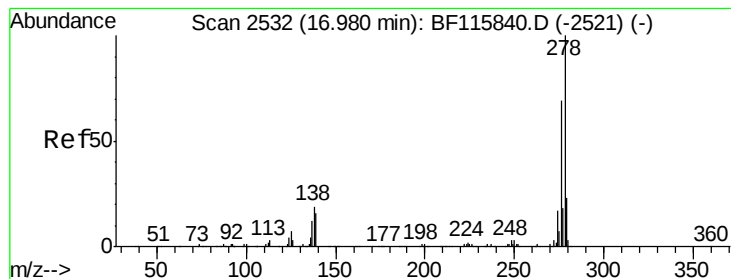
mohammad
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#90
Benzo(a)pyrene
Concen: 49.785 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.7	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 48.519 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

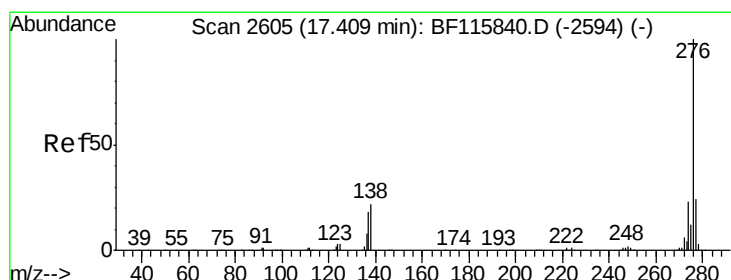
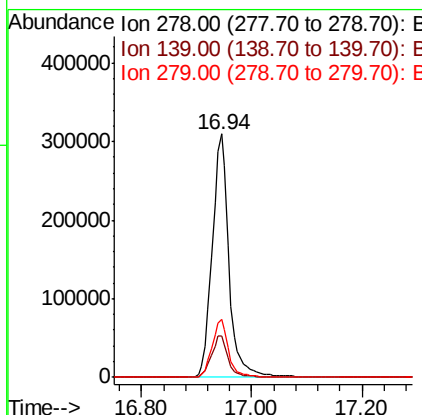
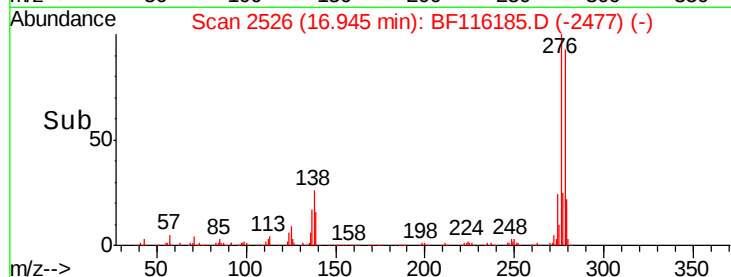
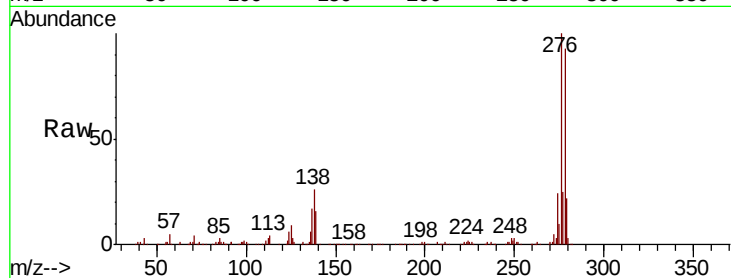
ClientSampleId :

PB122104BS

Tot Ion:278	Resp:	651180
Ion Ratio	Lower	Upper
278	100	
139	16.8	12.8 19.2
279	23.8	18.8 28.2

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#92

Benzo(g,h,i)perylene

Concen: 48.541 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Tgt Ion:276	Resp:	639811
Ion Ratio	Lower	Upper
276	100	
277	23.5	18.4 27.6
138	22.9	17.0 25.6

