

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116050.D
 Acq On : 7 Aug 2019 15:38
 Operator : HP/JU
 Sample : K4164-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Manual Integrations
 APPROVED

mohammad
 8/8/2019 4:46:51 PM

Quant Time: Aug 08 07:59:26 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	6.85	152	138386	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	553553	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	296523	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	507989	20.00	ng	0.00
76) Chrysene-d12	14.01	240	285961	20.00	ng	0.00
87) Perylene-d12	15.47	264	325482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	949505	114.86	ng	0.00
7) Phenol-d6	6.49	99	1282704	122.99	ng	0.00
23) Nitrobenzene-d5	7.41	82	805699	84.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	315016	109.58	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1188909	75.10	ng	0.00
79) Terphenyl-d14	12.95	244	1313175	96.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	133122	31.877	ng	98
3) Pyridine	3.42	79	352624	30.227	ng	99
4) n-Nitrosodimethylamine	3.36	42	166494	36.165	ng	97
6) Aniline	6.51	93	440395	29.485	ng	97
8) 2-Chlorophenol	6.63	128	367833	40.240	ng	96
9) Benzaldehyde	6.40	77	196717	27.336	ng	99
10) Phenol	6.50	94	470846	38.336	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	361554	40.040	ng	98
12) 1,3-Dichlorobenzene	6.79	146	395907	37.476	ng	99
13) 1,4-Dichlorobenzene	6.86	146	403537	38.150	ng	97
14) 1,2-Dichlorobenzene	7.02	146	375509	38.554	ng	99
15) Benzyl Alcohol	6.99	79	319587	40.377	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	481237	39.072	ng	97
17) 2-Methylphenol	7.10	107	314439	40.624	ng	99
18) Hexachloroethane	7.36	117	148489	38.128	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	262169	40.565	ng	97
20) 3+4-Methylphenols	7.26	107	384398	41.967	ng	99
22) Acetophenone	7.25	105	506140	41.691	ng	99
24) Nitrobenzene	7.43	77	413137	39.898	ng	97
25) Isophorone	7.67	82	761067	41.504	ng	100
26) 2-Nitrophenol	7.75	139	205989	42.202	ng	95
27) 2,4-Dimethylphenol	7.78	122	338165	46.050	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	468085	41.184	ng	99
29) 2,4-Dichlorophenol	7.99	162	327184	42.197	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	352898	39.927	ng	98
31) Naphthalene	8.15	128	1073086	41.195	ng	99
32) Benzoic acid	7.89	122	37530	7.249	ng	92
33) 4-Chloroaniline	8.19	127	321832	27.651	ng	98
34) Hexachlorobutadiene	8.26	225	196669	38.631	ng	99
35) Caprolactam	8.57	113	92871m	37.034	ng	
36) 4-Chloro-3-methylphenol	8.69	107	343280	42.557	ng	98
37) 2-Methylnaphthalene	8.84	142	732631	42.705	ng	98
38) 1-Methylnaphthalene	8.94	142	683918	42.140	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	335528	42.326	ng	99

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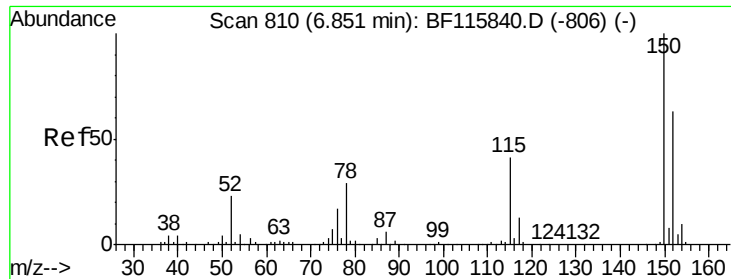
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	162469	48.196	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	215294	39.457	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	227942	40.413	nq	95
46) 1,1'-Biphenyl	9.30	154	896935	42.845	nq	99
47) 2-Chloronaphthalene	9.33	162	700105	40.181	nq	100
48) 2-Nitroaniline	9.43	65	226445	39.319	nq	97
49) Acenaphthylene	9.75	152	1074013	42.252	nq	99
50) Dimethylphthalate	9.60	163	1096968	54.333	nq	99
51) 2,6-Dinitrotoluene	9.67	165	185954	42.382	nq	98
52) Acenaphthene	9.92	154	642536	41.203	nq	98
53) 3-Nitroaniline	9.84	138	161036	29.703	nq	94
54) 2,4-Dinitrophenol	9.96	184	44598	25.846	nq	98
55) Dibenzofuran	10.09	168	950537	41.914	nq	99
56) 4-Nitrophenol	10.01	139	240957	69.380	nq	99
57) 2,4-Dinitrotoluene	10.07	165	237602	40.673	nq	100
58) Fluorene	10.43	166	741955	42.523	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	183445	38.658	nq	99
60) Diethylphthalate	10.30	149	812966	43.129	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	376065	42.557	nq	98
62) 4-Nitroaniline	10.46	138	203004	36.233	nq	98
63) Azobenzene	10.58	77	826867	42.648	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	68951	25.613	nq	99
66) n-Nitrosodiphenylamine	10.54	169	669491	43.786	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	230501	42.387	nq	96
68) Hexachlorobenzene	10.99	284	254636	40.494	nq	93
69) Atrazine	11.06	200	203788	40.514	nq	99
70) Pentachlorophenol	11.18	266	157133	51.470	nq	98
71) Phenanthrene	11.39	178	1082874	41.698	nq	100
72) Anthracene	11.45	178	1125539	42.825	nq	99
73) Carbazole	11.60	167	992106	41.607	nq	100
74) Di-n-butylphthalate	11.92	149	1262231	45.378	nq	99
75) Fluoranthene	12.58	202	1080081	39.727	nq	98
77) Benzidine	12.70	184	399226	41.324	nq	98
78) Pyrene	12.81	202	1054282	48.909	nq	99
80) Butylbenzylphthalate	13.42	149	465935	51.099	nq	94
81) Benzo(a)anthracene	14.00	228	762938	41.742	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	227582	35.840	nq	98
83) Chrysene	14.03	228	751087	42.327	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	634061	53.511	nq	99
85) Di-n-octyl phthalate	14.59	149	945892	50.258	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	946037	63.477	nq	100
88) Benzo(b)fluoranthene	15.04	252	762278	40.504	nq	99
89) Benzo(k)fluoranthene	15.07	252	679735	37.082	nq	98
90) Benzo(a)pyrene	15.42	252	726898	43.207	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	779074	53.499	nq	99
92) Benzo(g,h,i)perylene	17.39	276	807227	56.443	nq	97

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



#1

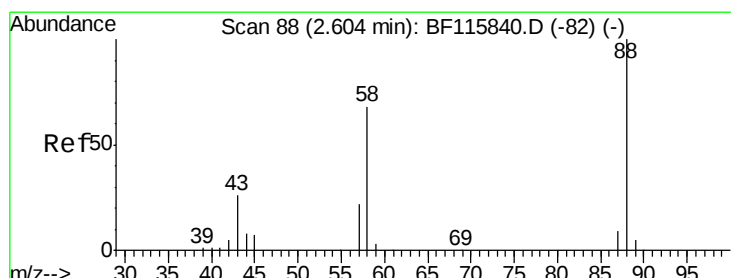
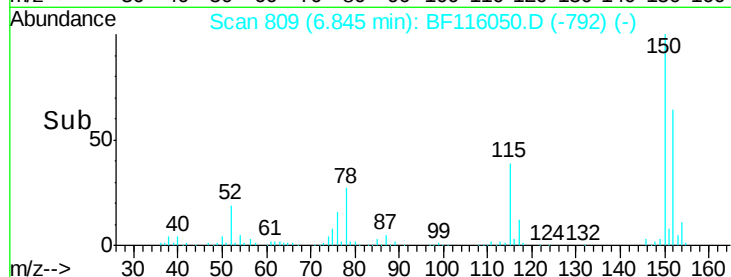
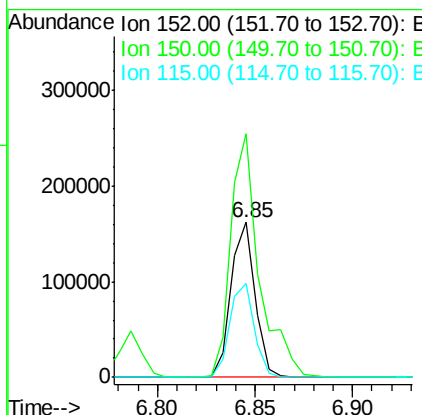
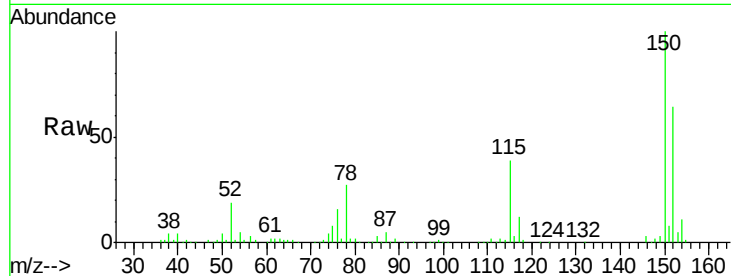
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	60.9	49.9	74.9

Manual Integrations
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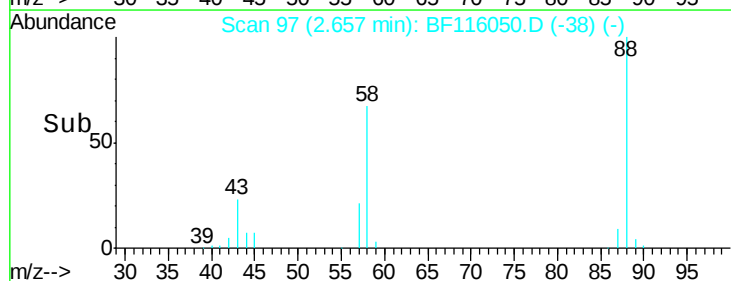
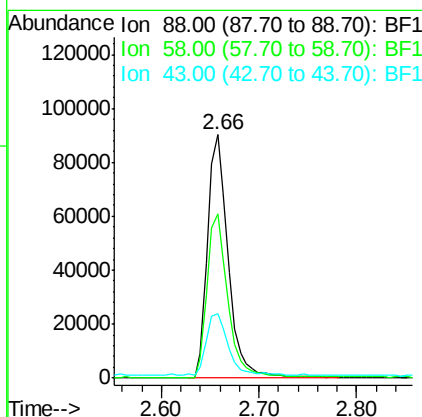
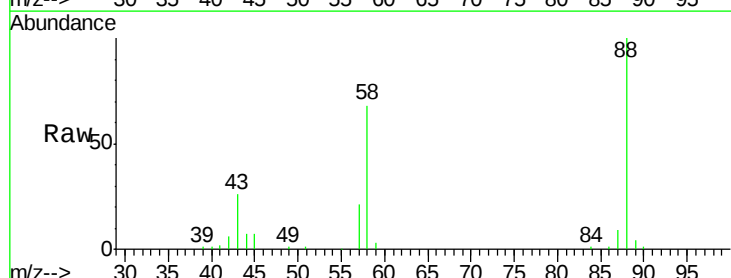
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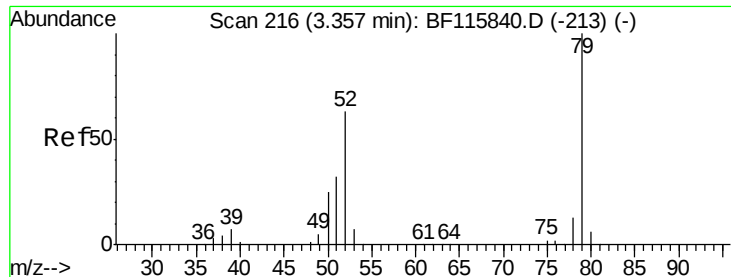


#2

1,4-Dioxane
Concen: 31.877 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	53.7	80.5
43	25.6	21.0	31.4





#3

Pvridine

Concen: 30.227 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

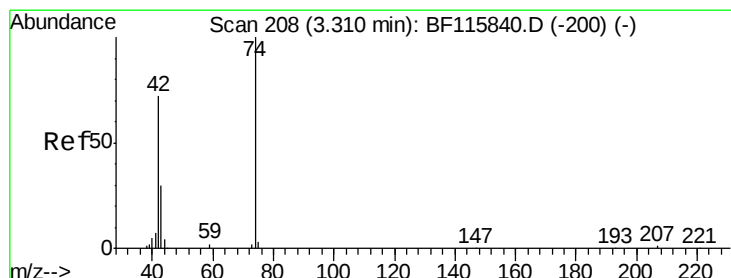
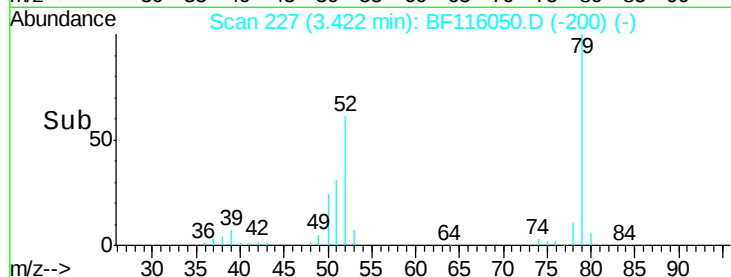
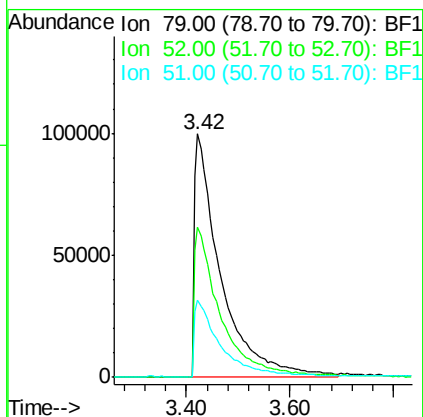
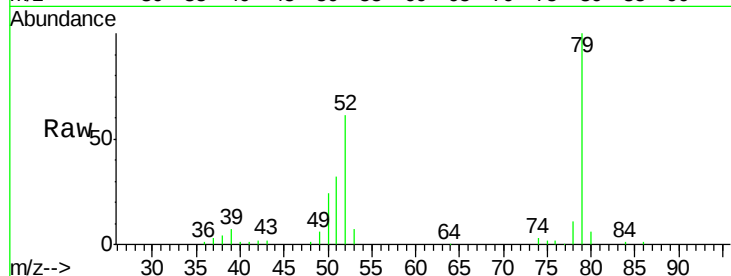
ClientSampleId :

RBR-200051MSD

Tot Ion:	79	Resp:	352624
Ion	Ratio	Lower	Upper
79	100		
52	61.5	49.8	74.8
51	31.8	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.165 ng

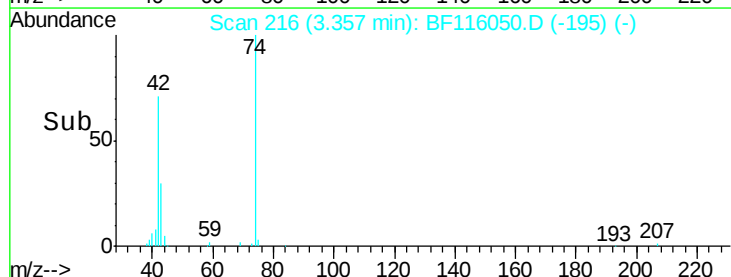
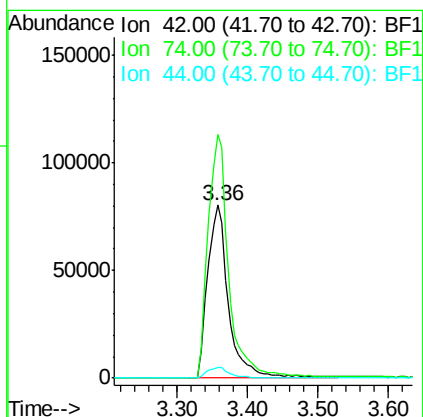
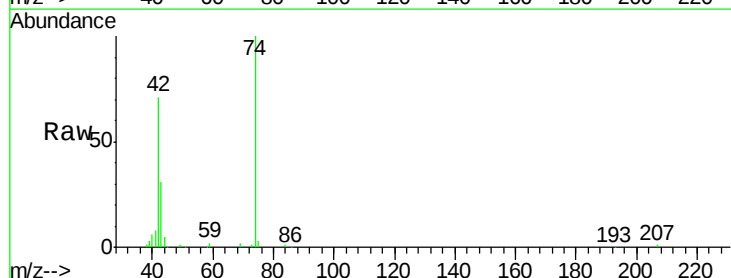
RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:	42	Resp:	166494
Ion	Ratio	Lower	Upper
42	100		
74	140.6	116.0	174.0
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 114.862 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

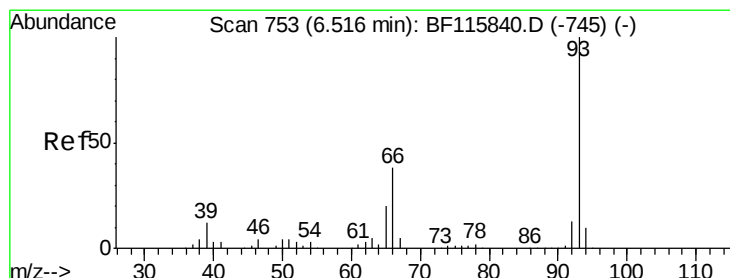
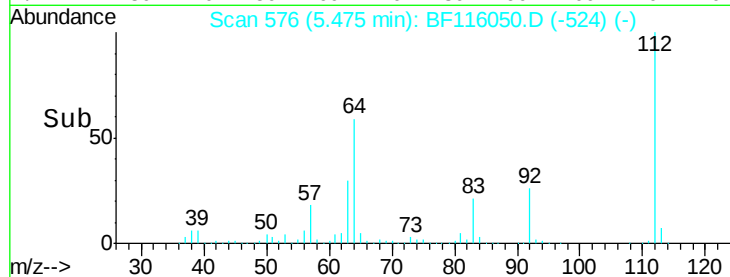
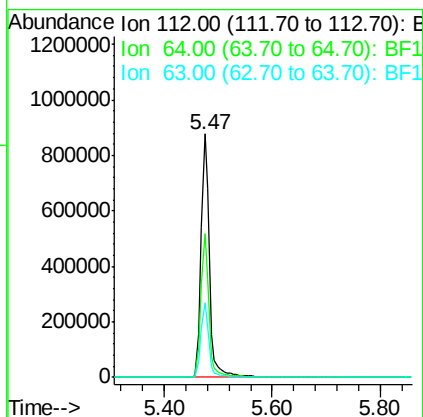
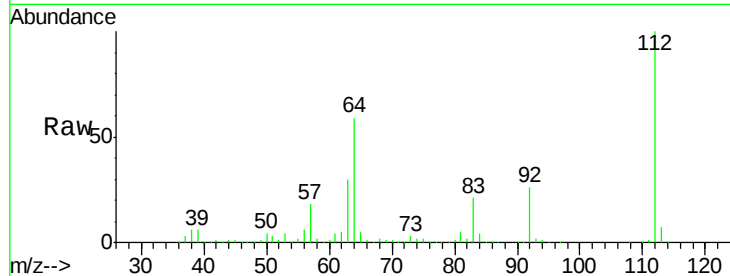
ClientSampleId :

RBR-200051MSD

Tot Ion:	112	Resp:	949505
Ion Ratio	Lower	Upper	
112	100		
64	59.0	45.4	68.2
63	30.5	23.7	35.5

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#6

Aniline

Concen: 29.485 ng

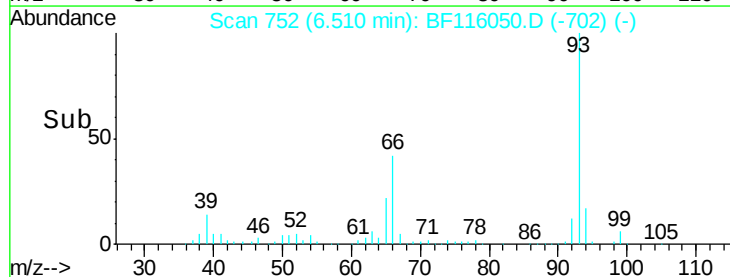
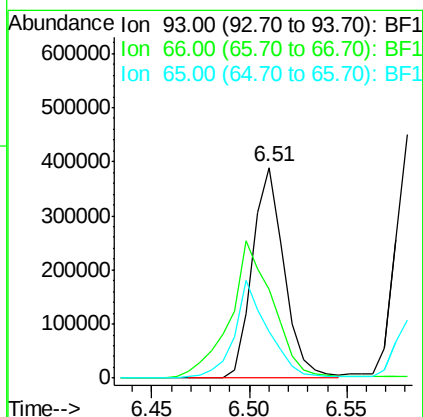
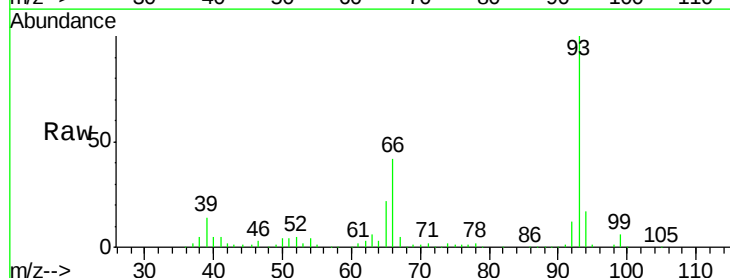
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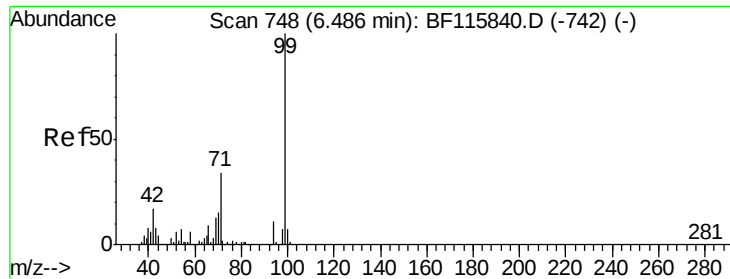
Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:	93	Resp:	440395
Ion Ratio	Lower	Upper	
93	100		
66	42.3	32.2	48.4
65	22.3	17.0	25.6





#7

Phenol-d6

Concen: 122.987 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

Tot Ion: 99 Resp: 1282704

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

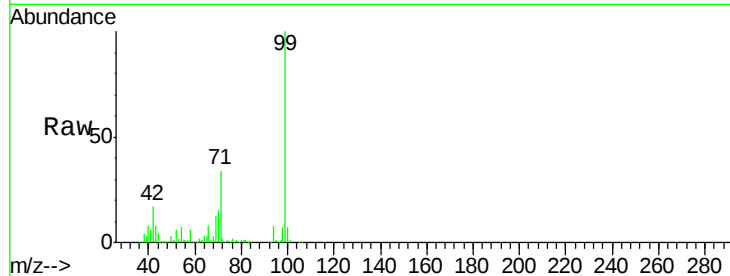
71 34.1 27.3 40.9

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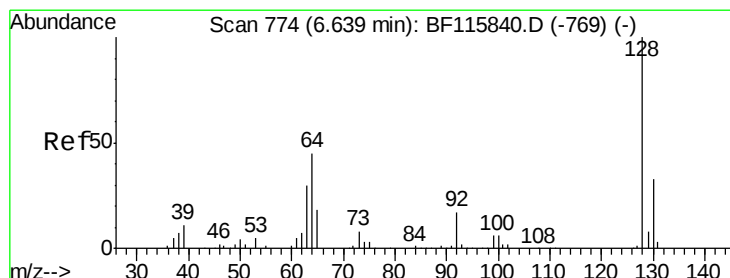
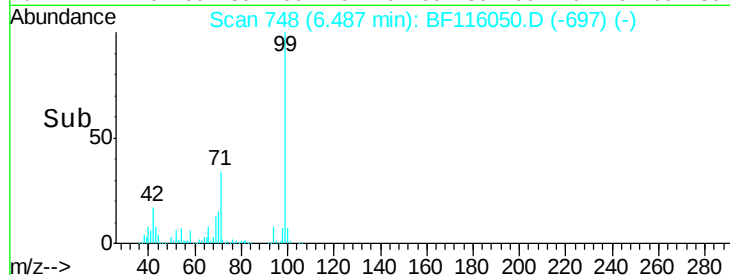
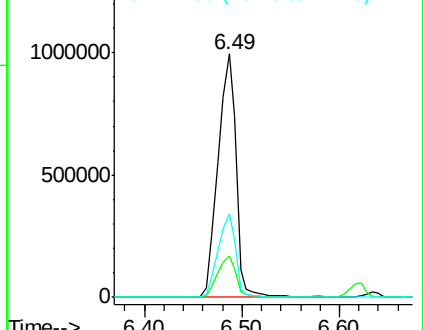
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.240 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

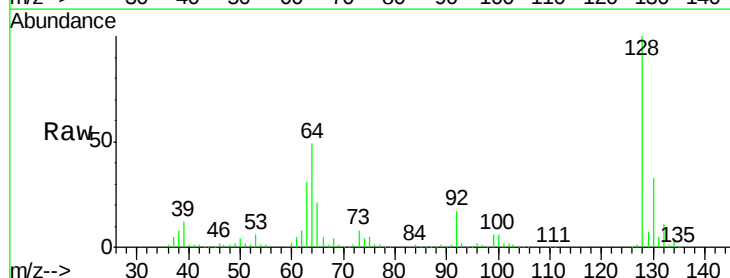
Tgt Ion: 128 Resp: 367833

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

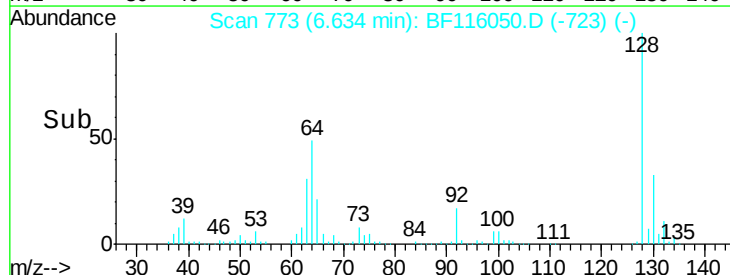
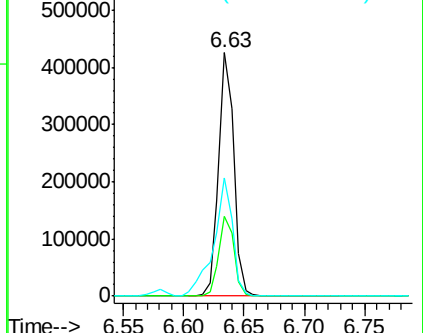
64 48.6 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





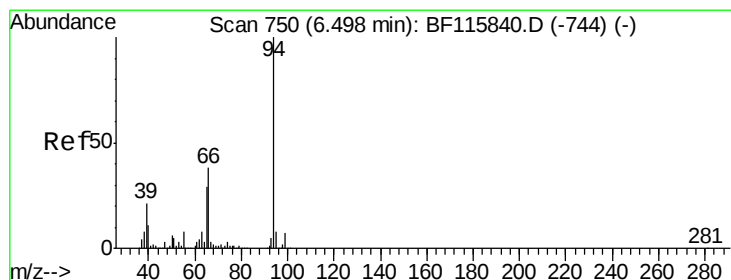
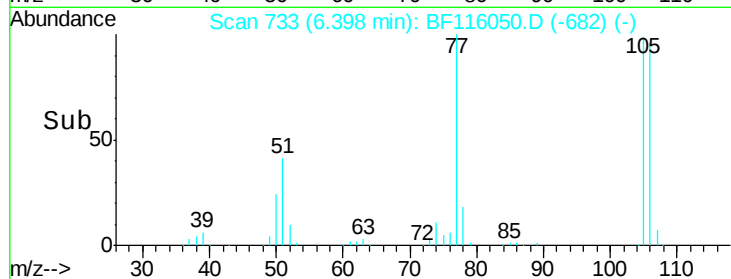
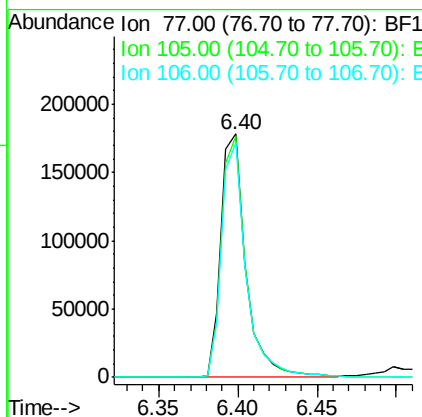
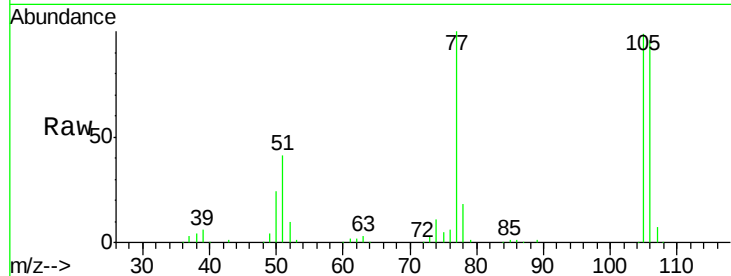
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Benzaldehyde
Concen: 27.336 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.1	79.2	119.2
106	96.4	74.3	114.3

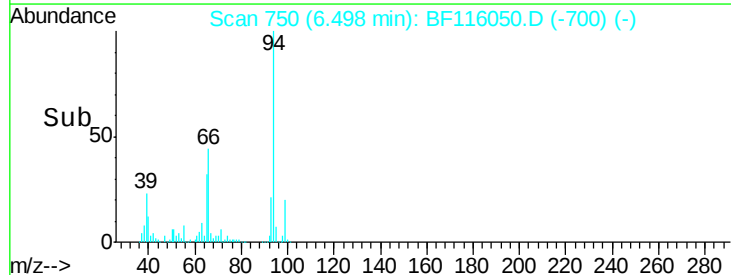
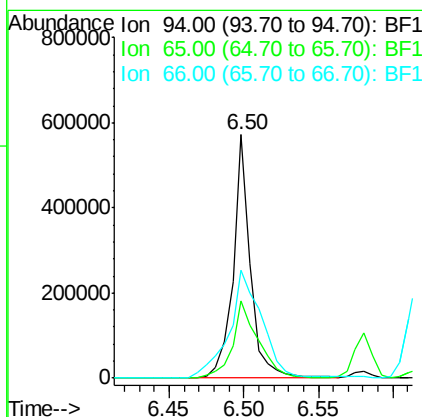
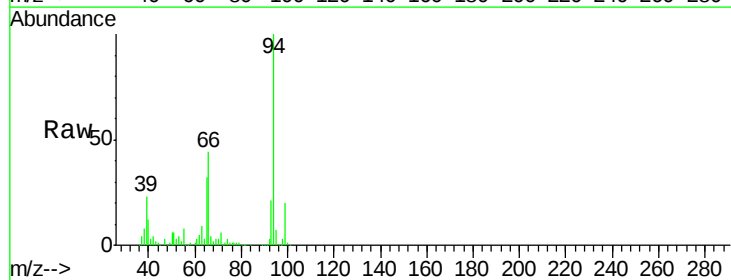
Manual Integrations
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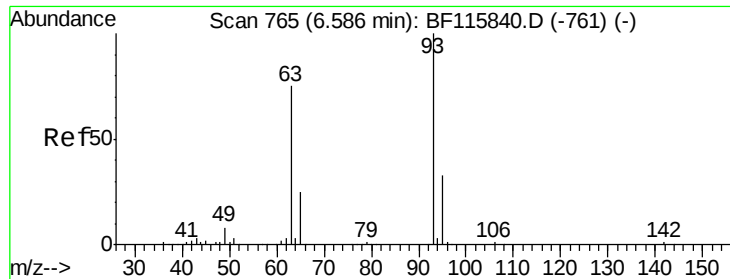
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#10
Phenol
Concen: 38.336 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	16.8	56.8
66	44.5	34.2	74.2





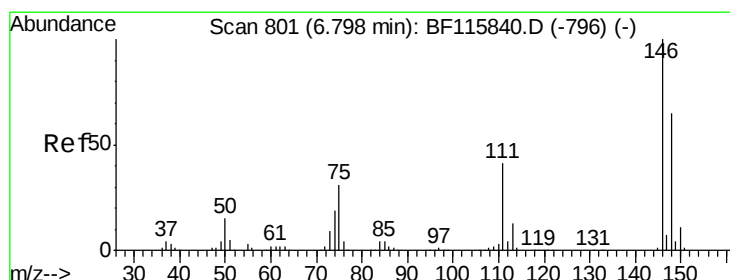
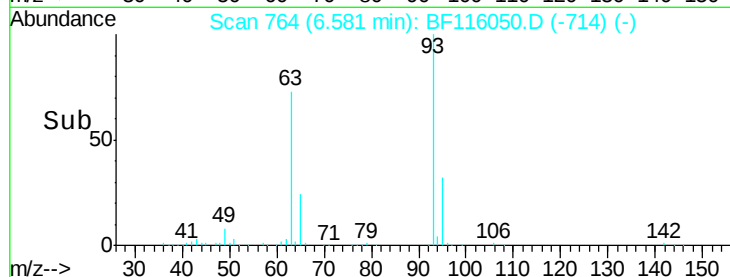
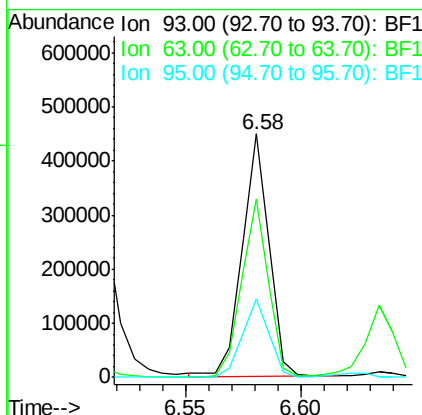
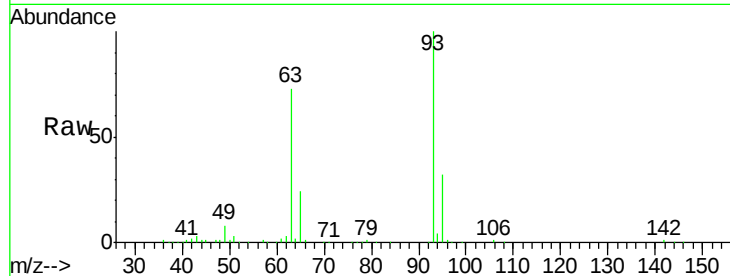
#11
bis(2-Chloroethyl)ether
Concen: 40.040 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion:	93	Resp:	361554
Ion Ratio	Lower	Upper	
93	100		
63	73.3	51.9	91.9
95	32.3	13.0	53.0

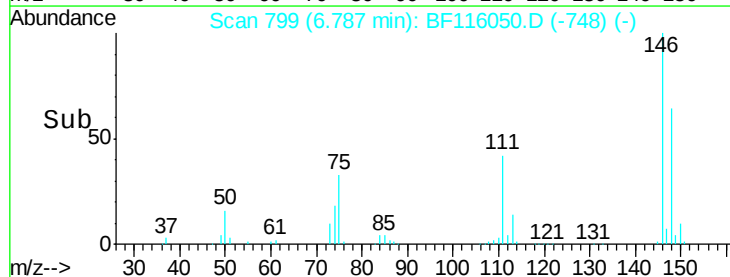
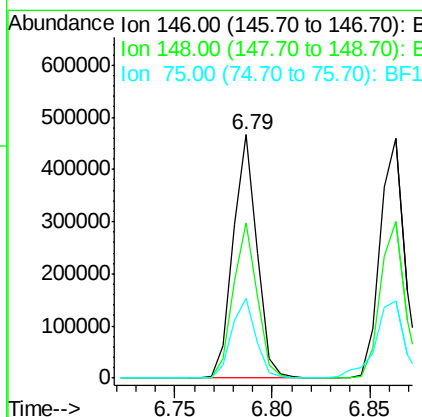
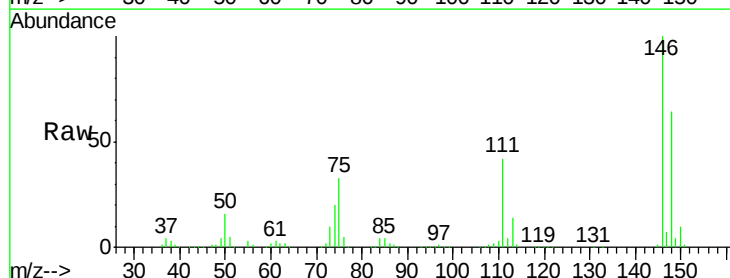
Manual Integrations
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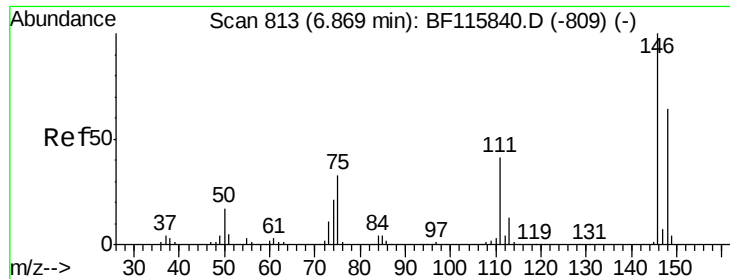
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.476 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion:	146	Resp:	395907
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.3	76.9
75	32.9	27.4	41.2





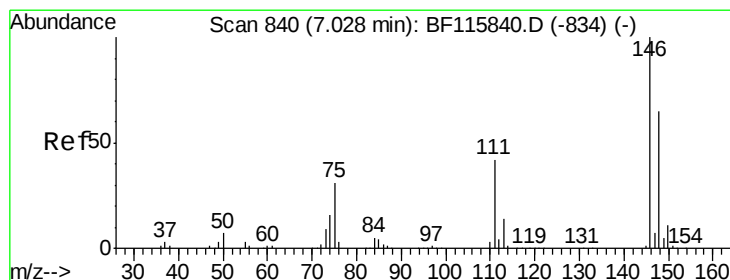
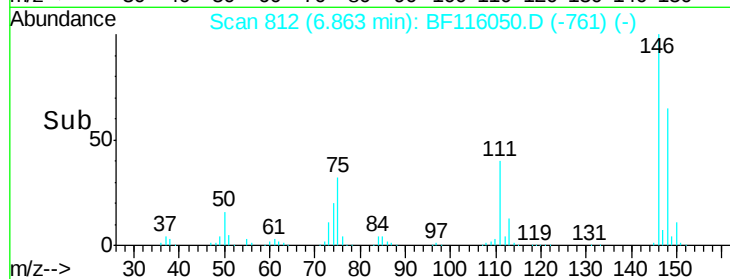
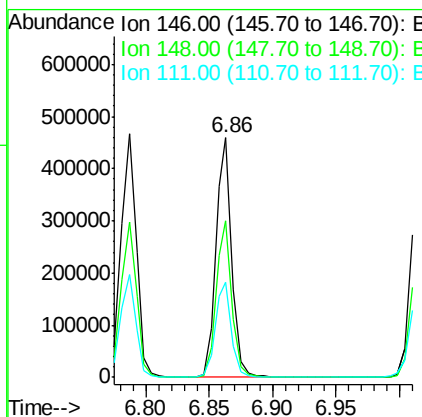
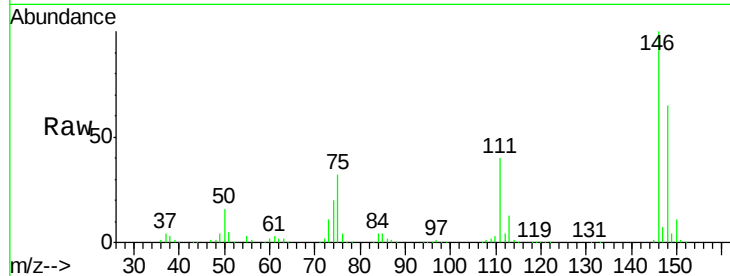
#13
 1,4-Dichlorobenzene
 Concen: 38.150 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		403537		
148	65.5	51.3	76.9		
111	39.8	34.0	51.0		

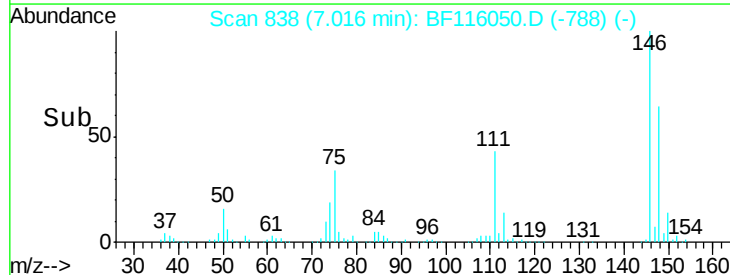
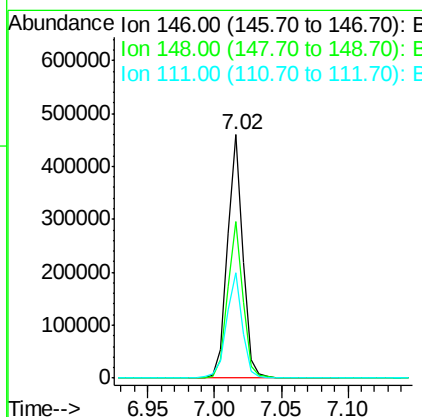
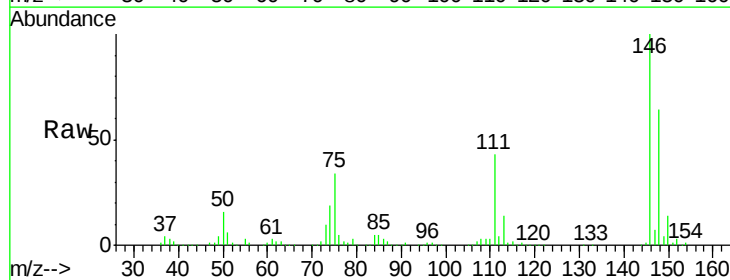
Manual Integrations
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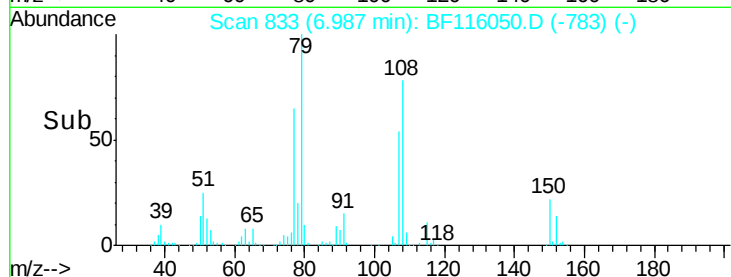
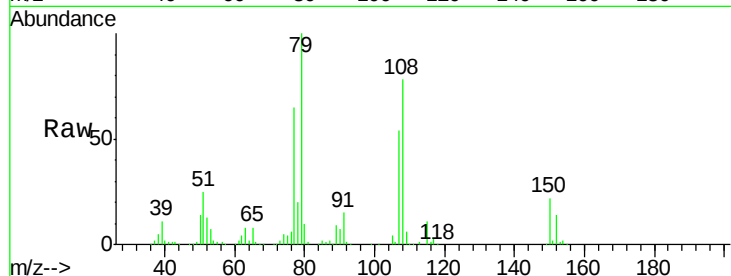
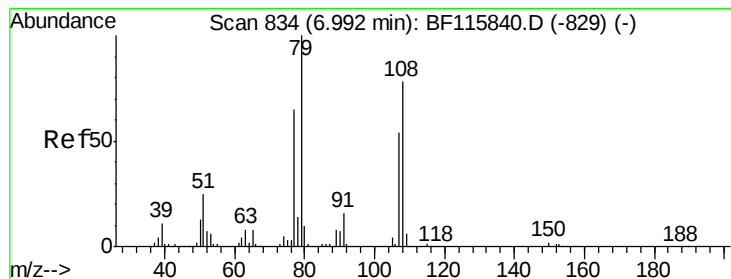
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.554 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		375509		
148	64.1	51.2	76.8		
111	43.0	33.5	50.3		





#15

Benzyl Alcohol

Concen: 40.377 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tot Ion:	79	Resp:	319587
Ion Ratio	Lower	Upper	
79	100		
108	78.2	62.7	94.1
77	64.6	52.2	78.2

Instrument :

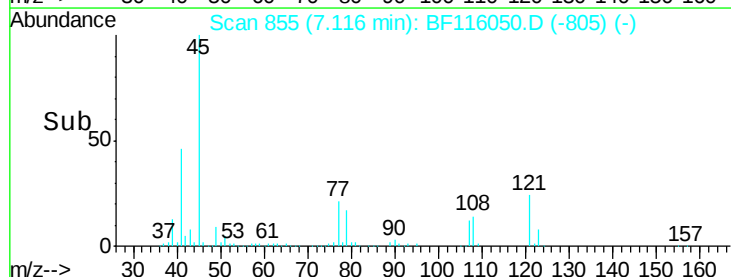
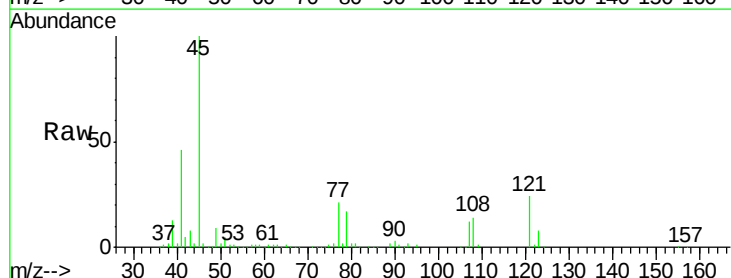
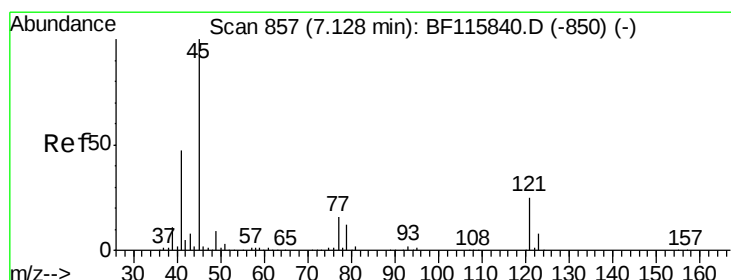
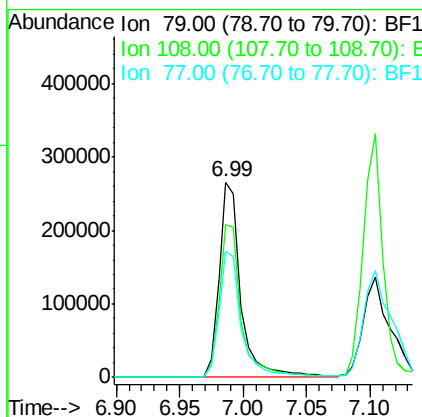
BNA_F

ClientSampleId :

RBR-200051MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.072 ng

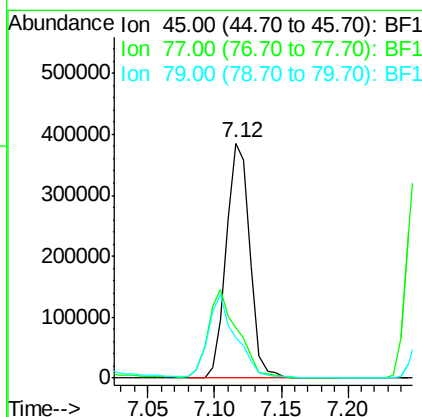
RT: 7.12 min Scan# 855

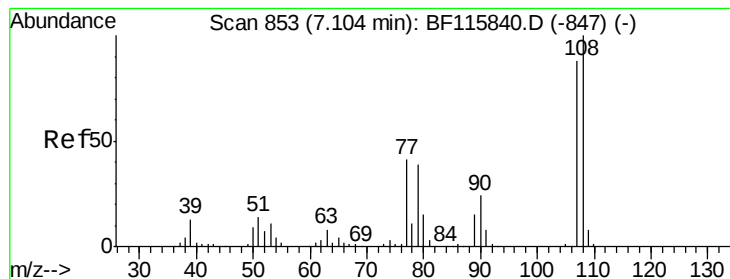
Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:	45	Resp:	481237
Ion Ratio	Lower	Upper	
45	100		
77	21.3	0.0	40.0
79	16.9	0.0	35.9





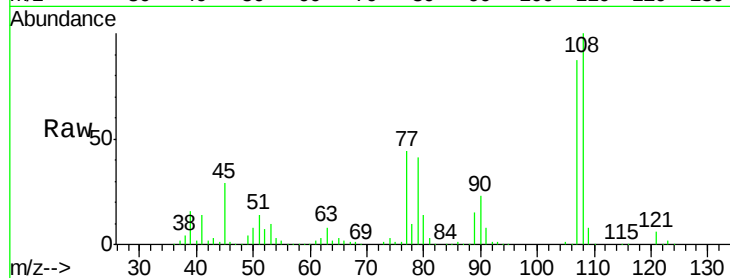
#17
2-Methylphenol
Concen: 40.624 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	91.2	136.8	
77	50.4	40.3	60.5	
79	47.6	37.6	56.4	

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Abundance

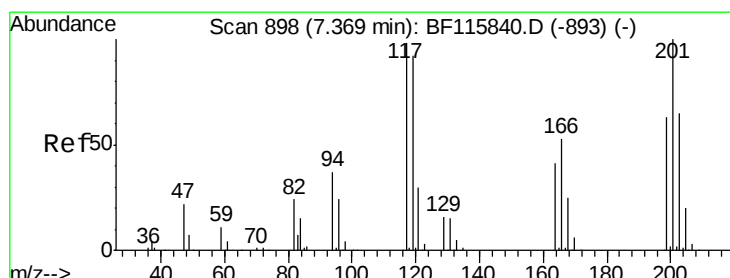
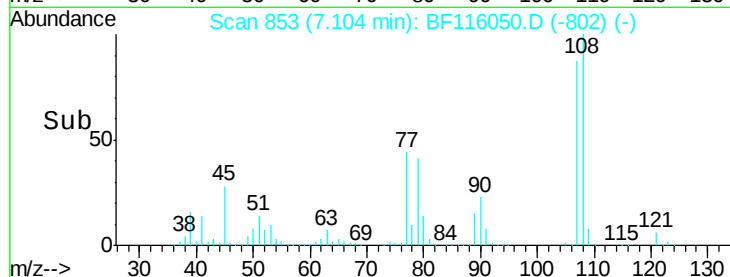
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

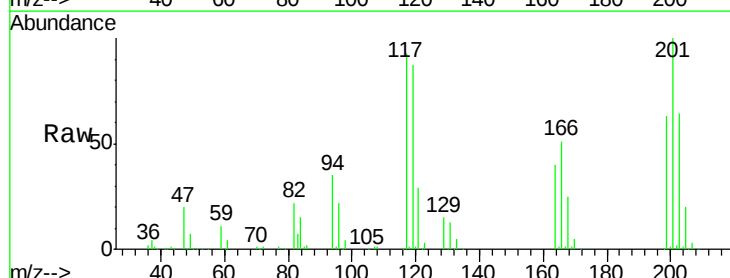
Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18
Hexachloroethane
Concen: 38.128 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	76.1	114.1	
201	107.5	77.0	115.4	



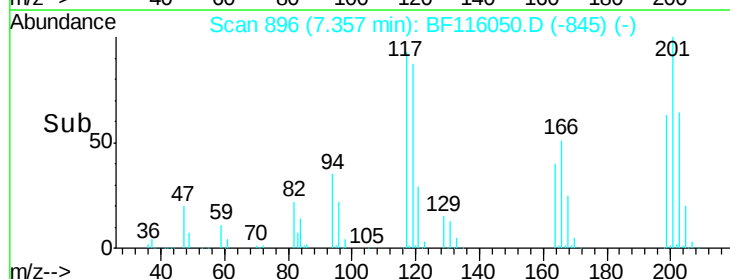
Abundance

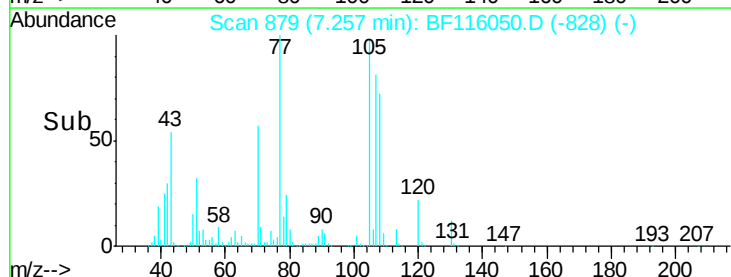
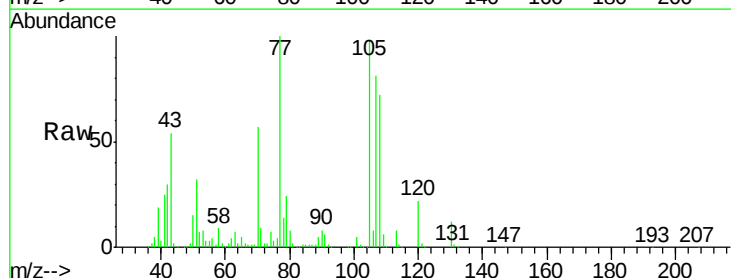
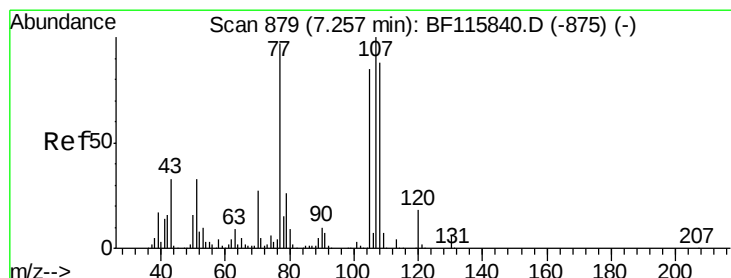
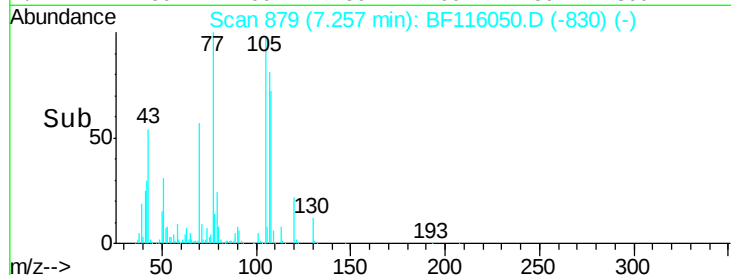
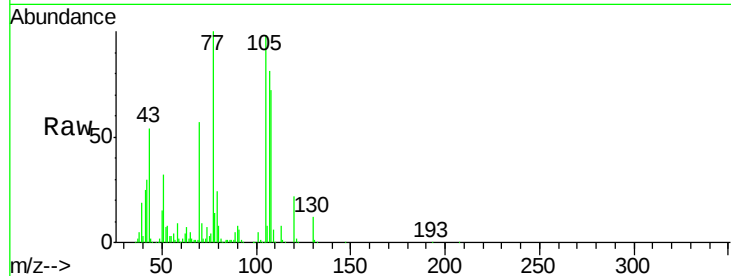
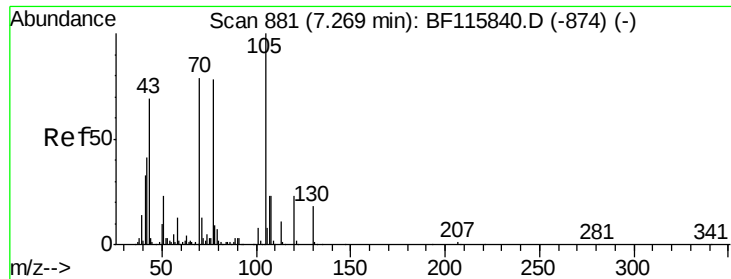
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





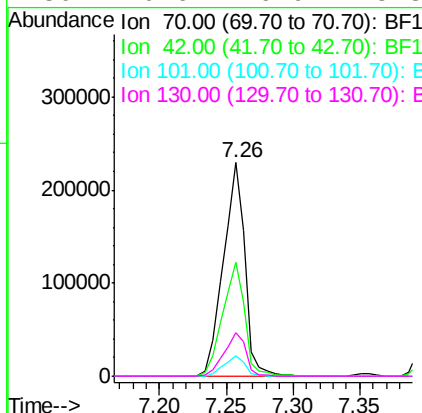
#19
n-Nitroso-di-n-propylamine
Concen: 40.565 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	40.9	61.3
101	9.5	7.9	11.9
130	20.6	16.9	25.3

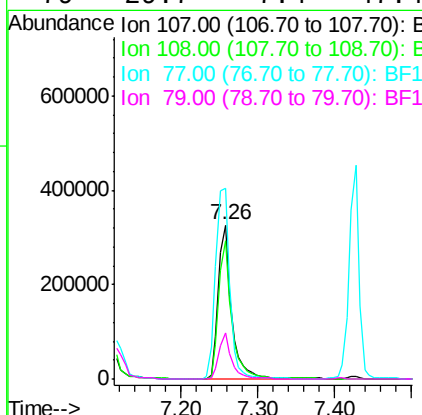
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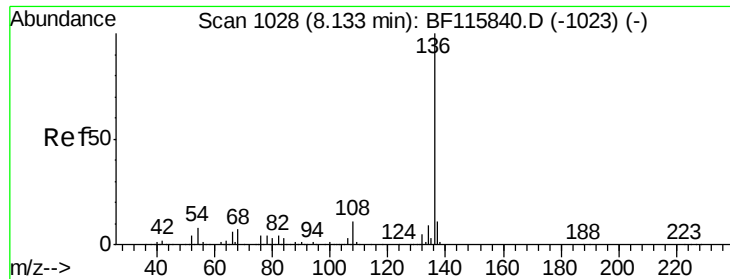
mohammad
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#20
3+4-Methylphenols
Concen: 41.967 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.6	107.6
77	124.1	104.4	144.4
79	29.7	7.4	47.4





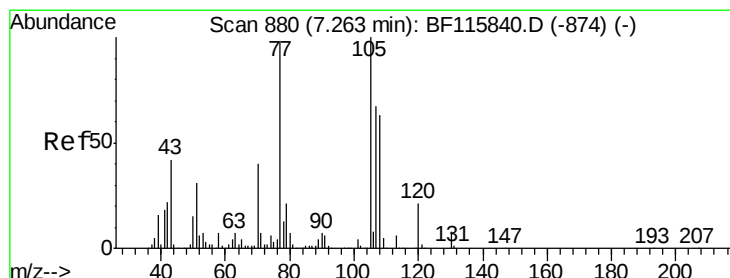
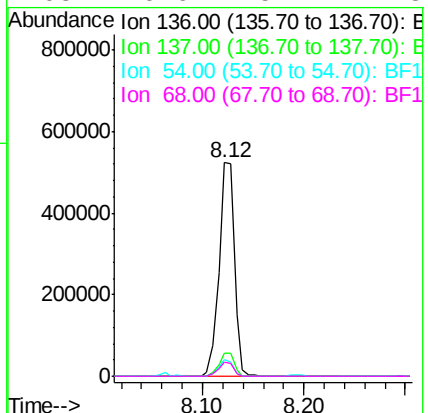
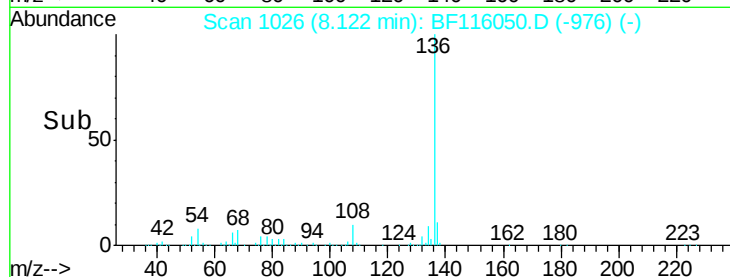
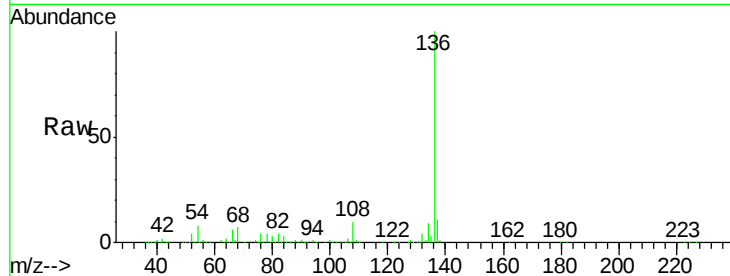
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	553553		
137	11.1		9.0	13.4
54	7.8		5.8	8.6
68	6.6		5.2	7.8

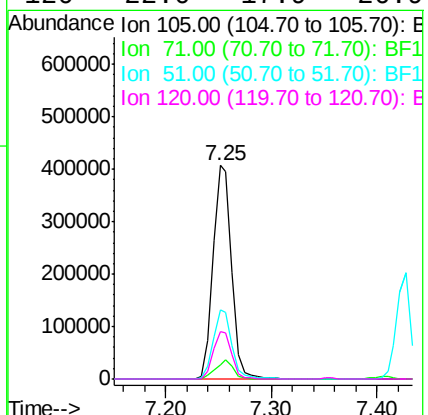
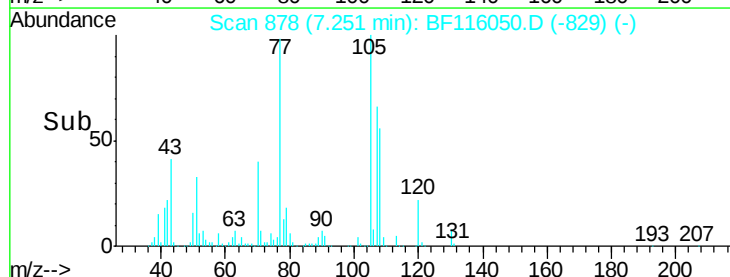
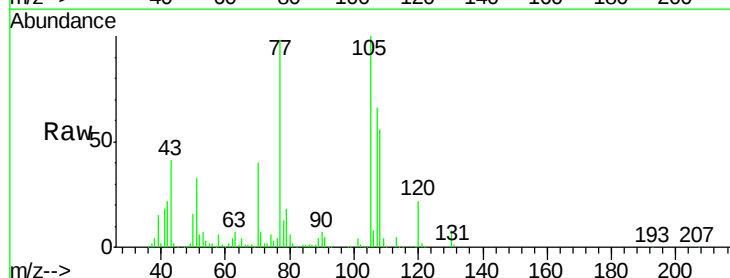
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#22
Acetophenone
Concen: 41.691 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	506140		
71	6.7		5.9	8.9
51	32.5		25.3	37.9
120	22.0		17.9	26.9





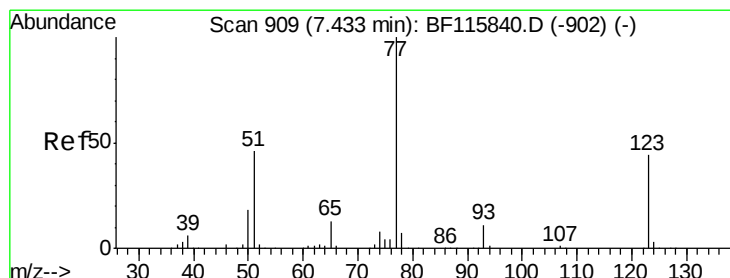
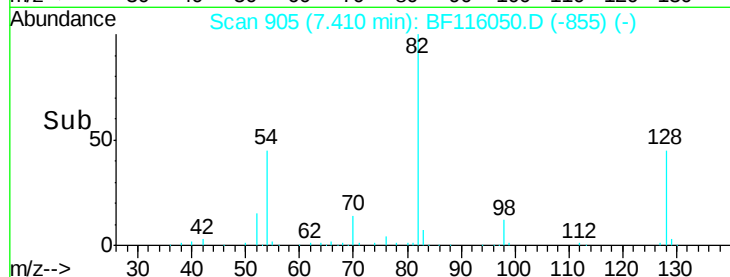
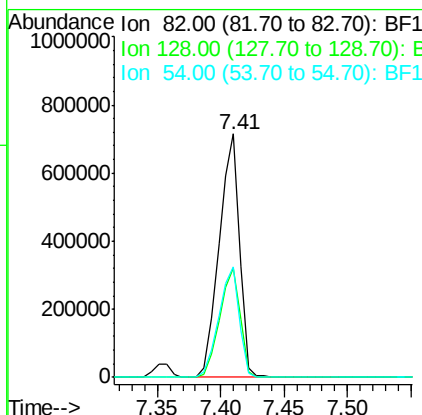
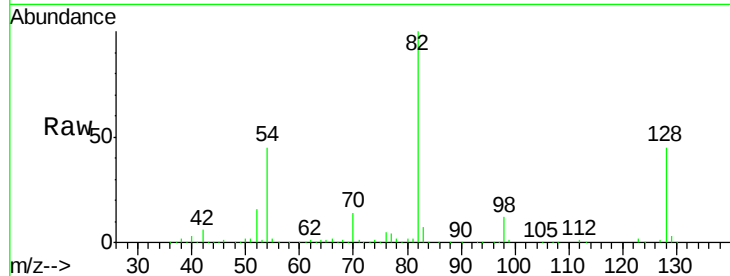
#23
 Nitrobenzene-d5
 Concen: 84.016 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	805699		
128	44.9		36.5	54.7
54	45.1		36.0	54.0

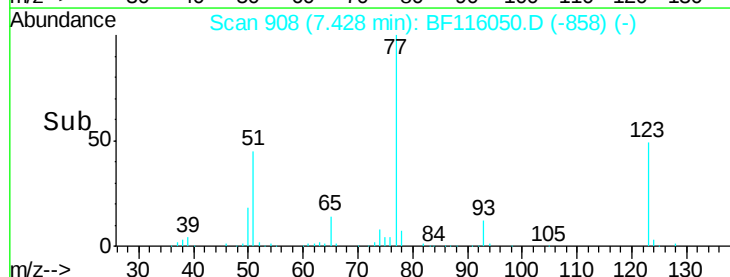
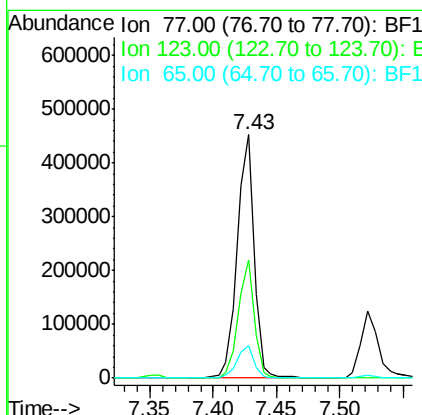
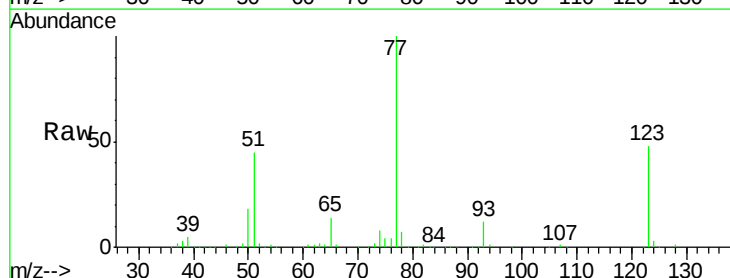
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#24
 Nitrobenzene
 Concen: 39.898 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	413137		
123	48.3		36.7	55.1
65	13.6		10.6	16.0





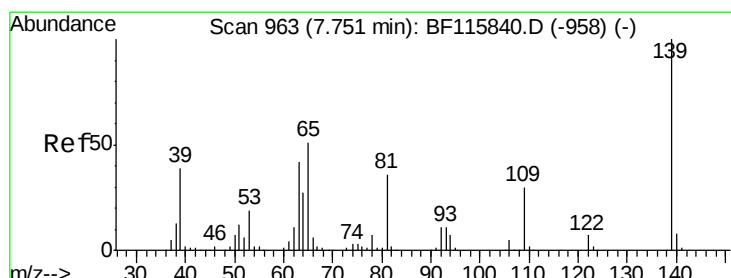
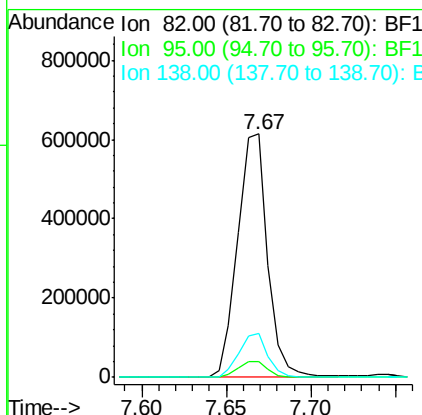
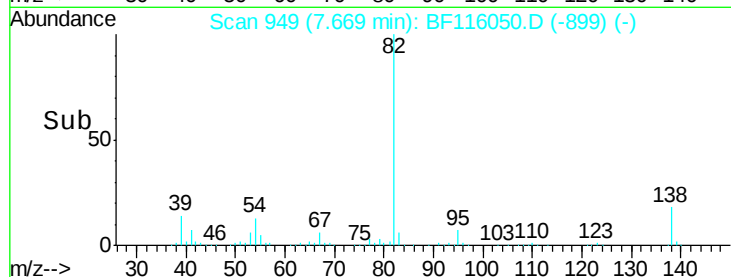
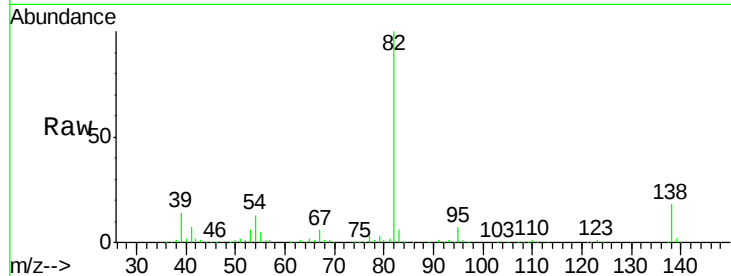
#25
Isophorone
Concen: 41.504 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	761067		
95	6.6	5.4	8.0	
138	18.1	14.5	21.7	

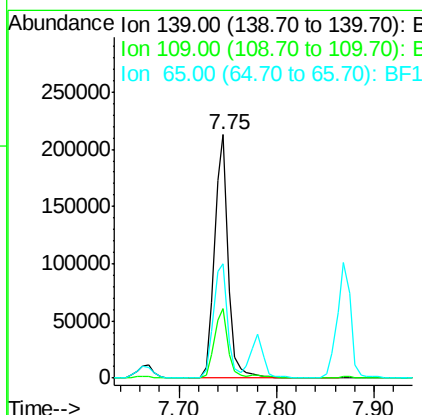
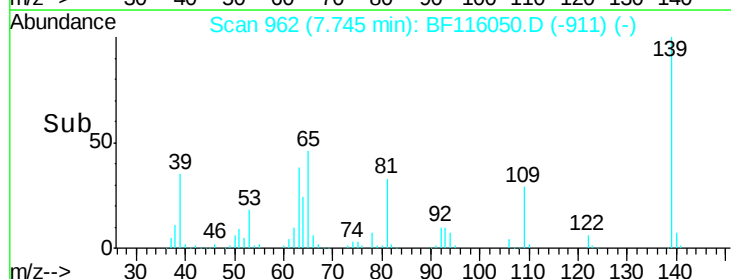
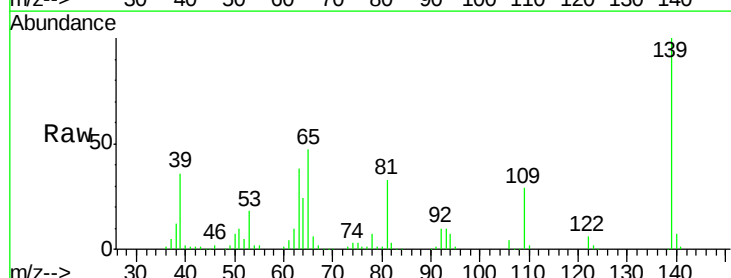
Manual Integrations
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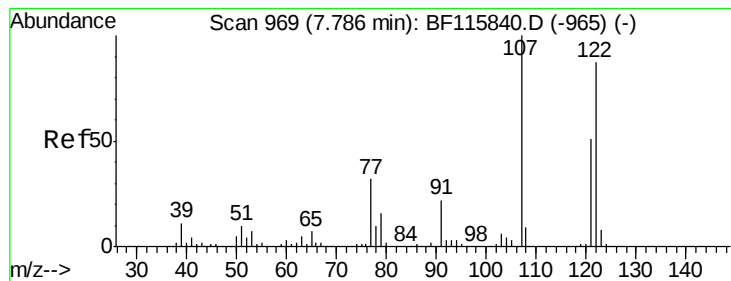
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#26
2-Nitrophenol
Concen: 42.202 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	205989		
109	28.5	23.4	35.2	
65	46.9	41.1	61.7	





#27

2,4-Dimethylphenol

Concen: 46.050 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

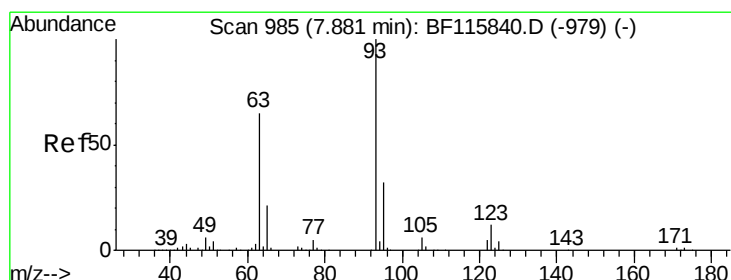
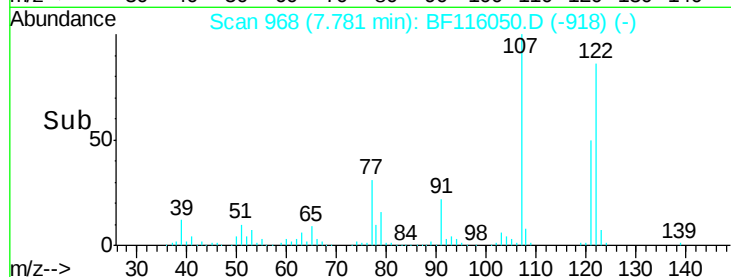
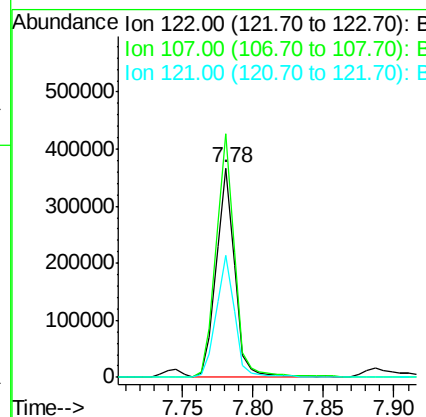
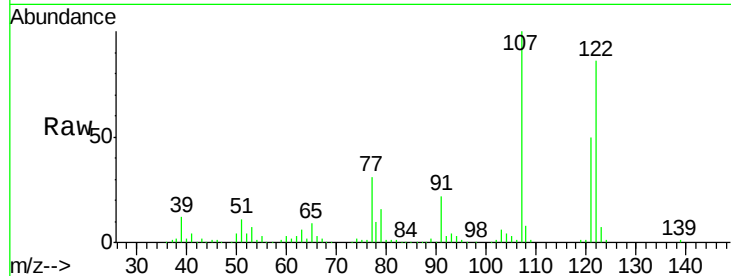
ClientSampleId :

RBR-200051MSD

Tot Ion:	122	Resp:	338165
Ion Ratio	Lower	Upper	
122	100		
107	116.2	93.0	139.6
121	58.3	47.6	71.4

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#28

bis(2-Chloroethoxy)methane

Concen: 41.184 ng

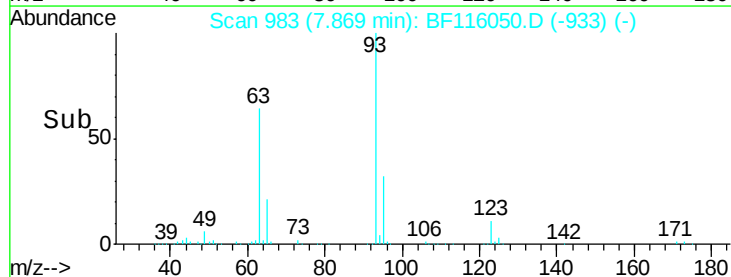
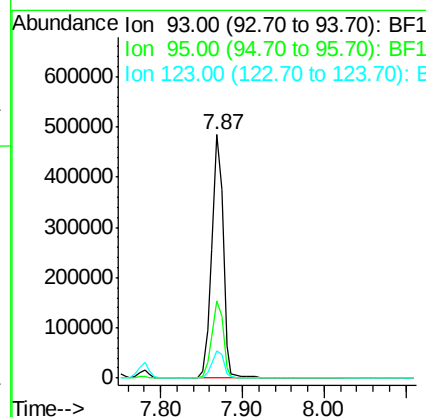
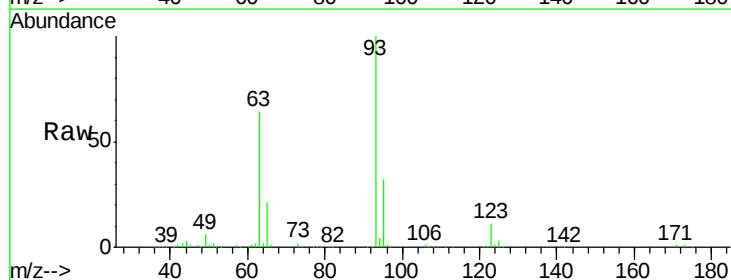
RT: 7.87 min Scan# 983

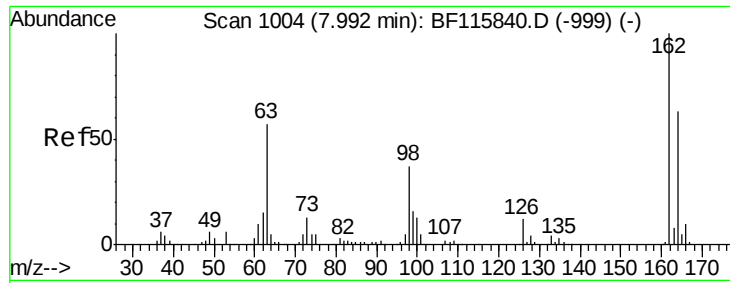
Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:	93	Resp:	468085
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.2	39.4
123	11.2	9.2	13.8





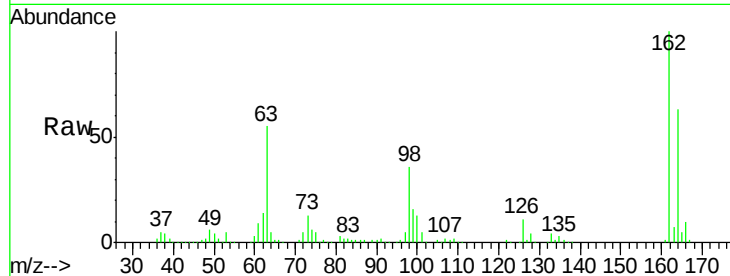
#29
 2,4-Dichlorophenol
 Concen: 42.197 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

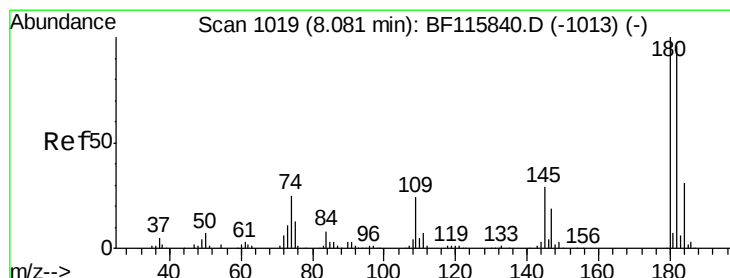
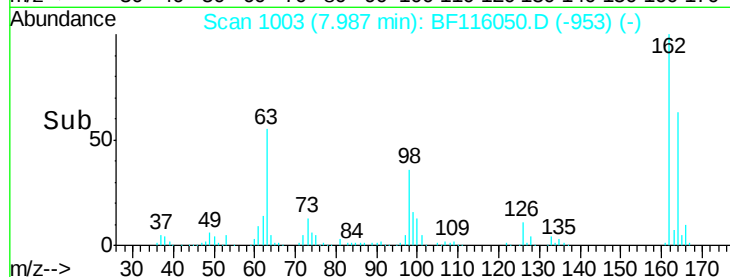
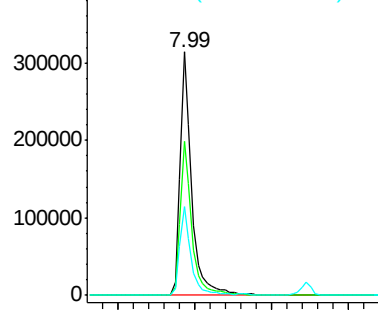
Tot Ion	Ratio	Resp	Lower	Upper
162	100	327184		
164	63.1	45.1	85.1	
98	36.4	15.8	55.8	

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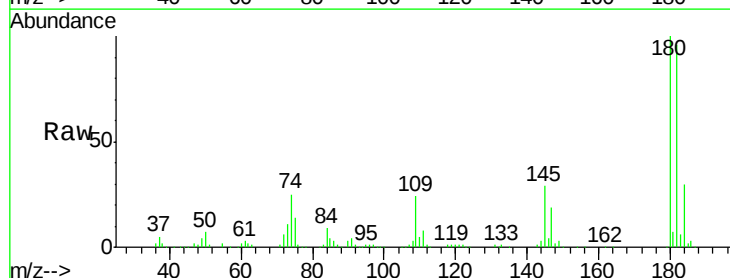


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

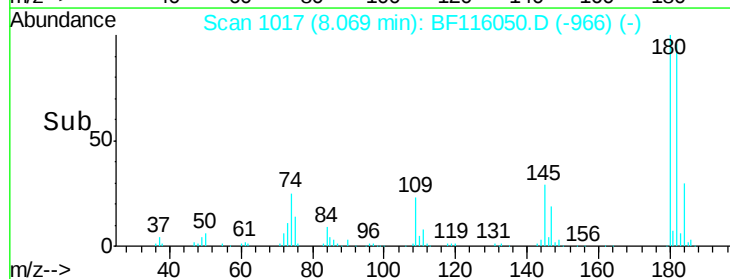
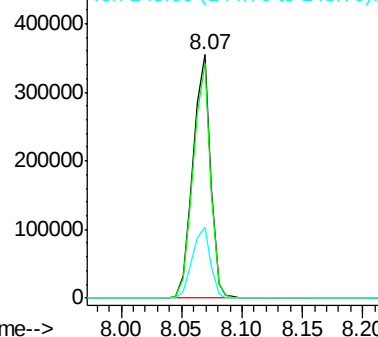


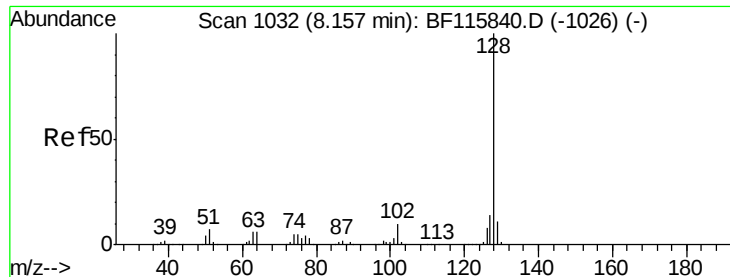
#30
 1,2,4-Trichlorobenzene
 Concen: 39.927 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	352898		
182	96.5	75.7	113.5	
145	29.1	24.3	36.5	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





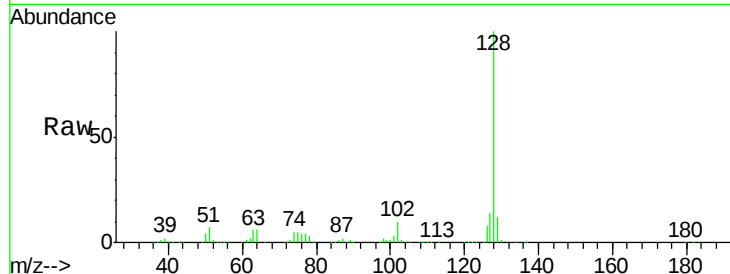
#31
Naphthalene
Concen: 41.195 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	11.4	17.0

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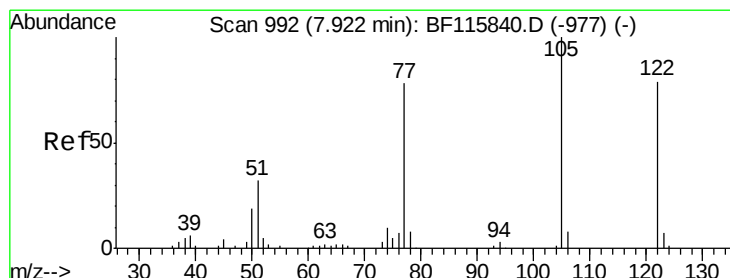
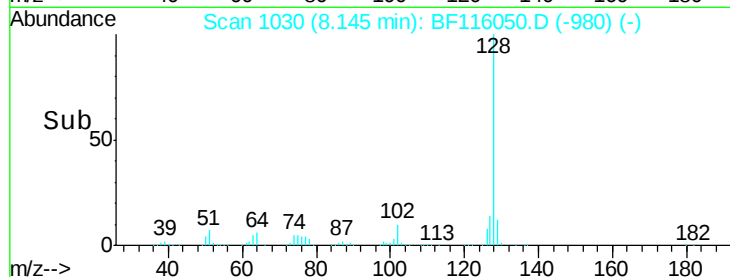
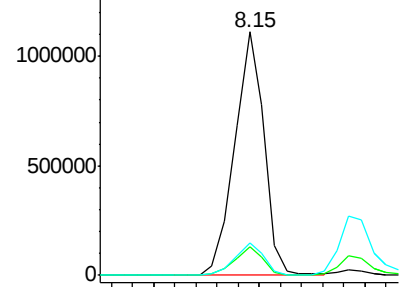


Abundance

Ion 128.00 (127.70 to 128.70): E

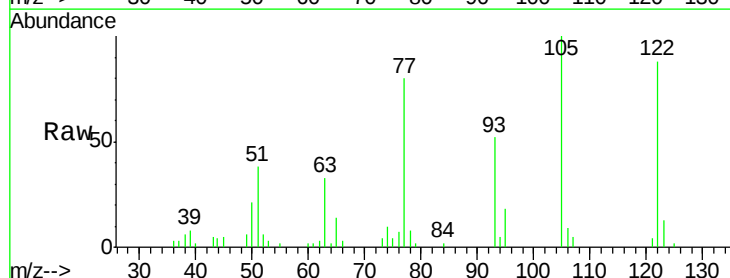
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 7.249 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.2	106.1	146.1
77	91.7	76.7	116.7

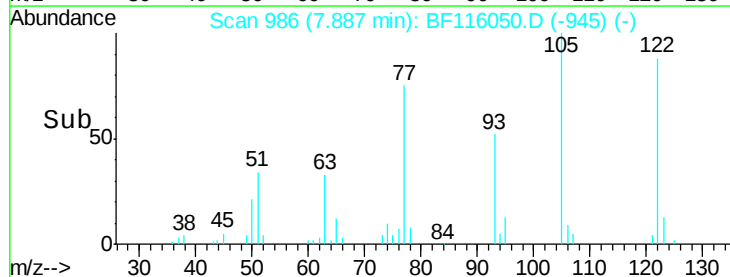
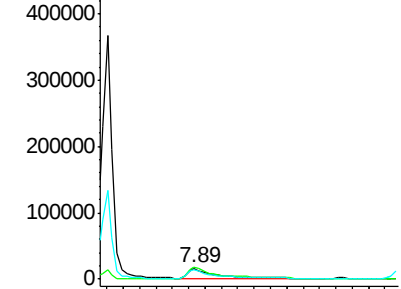


Abundance

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





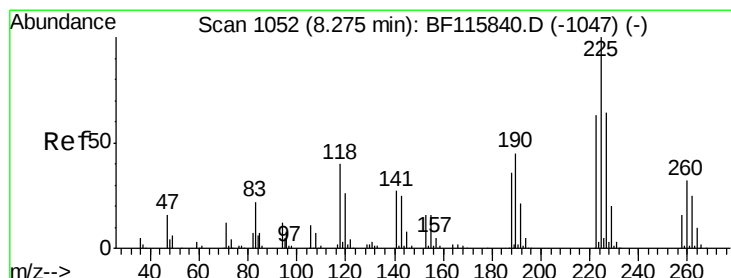
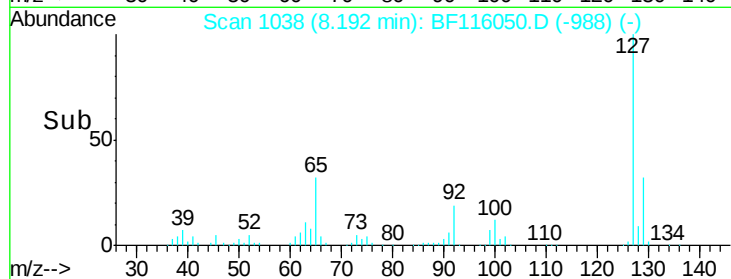
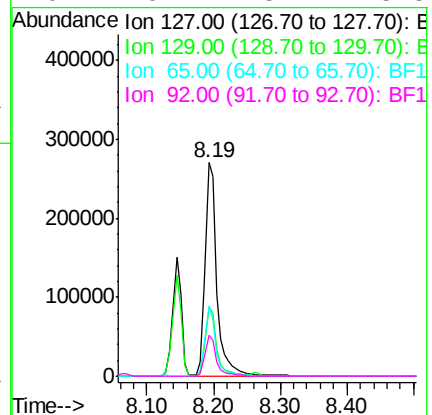
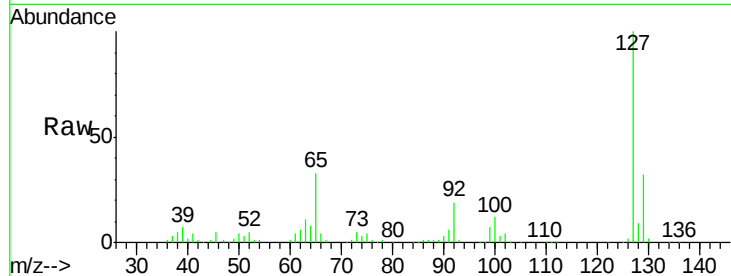
#33
4-Chloroaniline
Concen: 27.651 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.1	39.1		
65	32.7	24.9	37.3		
92	19.4	15.7	23.5		

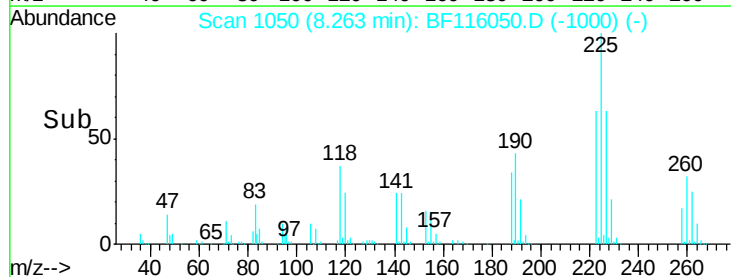
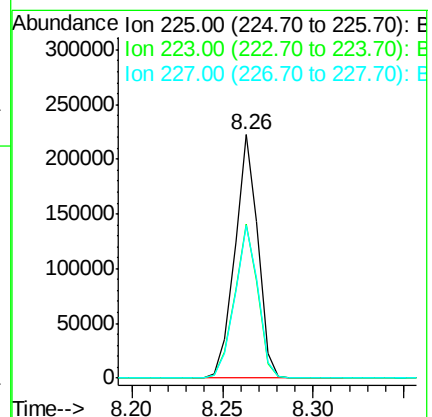
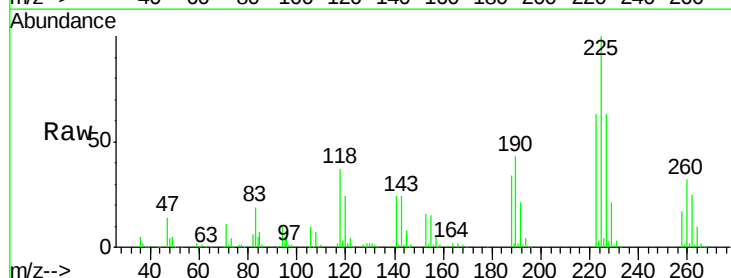
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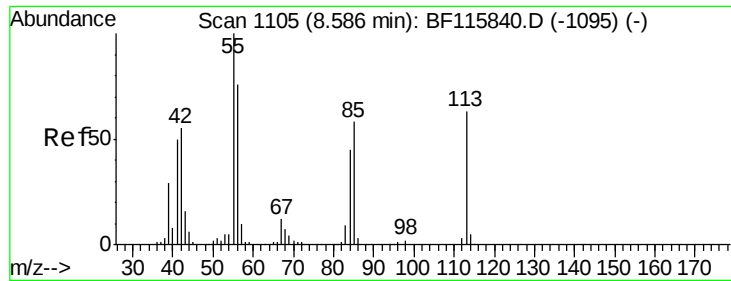
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#34
Hexachlorobutadiene
Concen: 38.631 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.0	75.0		
227	62.9	51.0	76.4		





#35

Caprolactam

Concen: 37.034 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

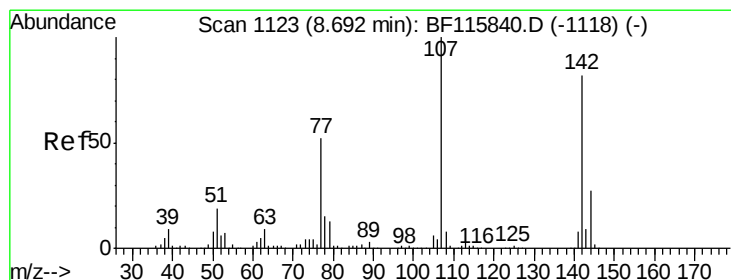
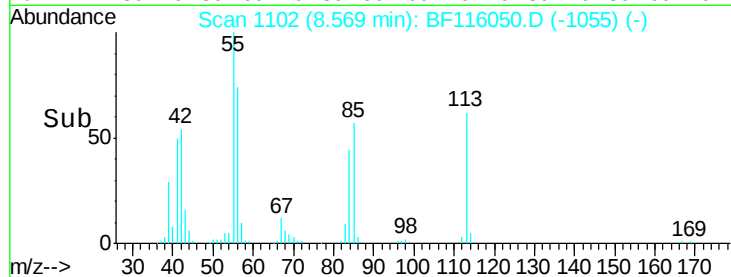
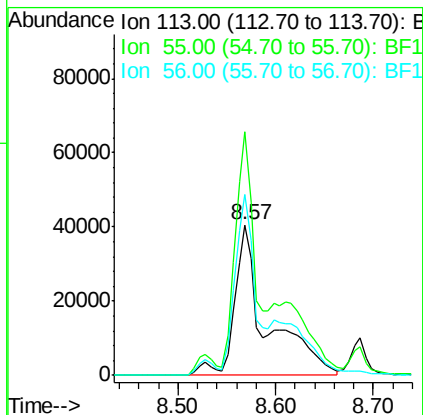
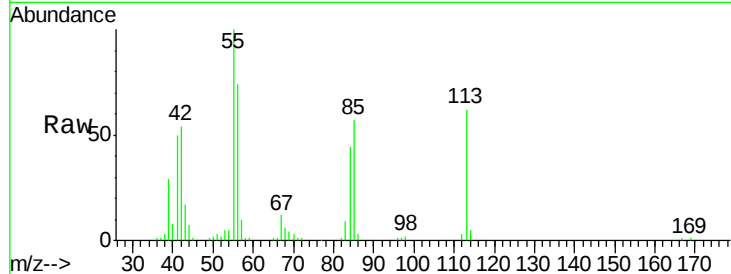
ClientSampleId :

RBR-200051MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	161.5	144.3	184.3		
56	120.0	97.1	137.1		

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#36

4-Chloro-3-methylphenol

Concen: 42.557 ng/mL

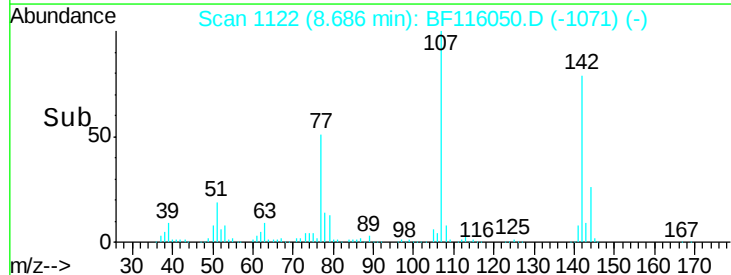
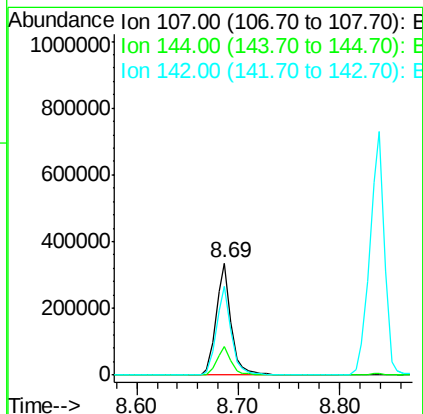
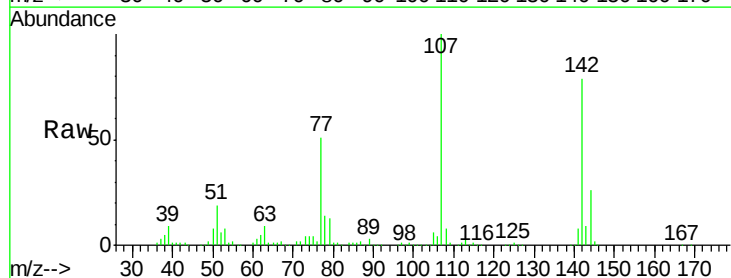
RT: 8.69 min Scan# 1122

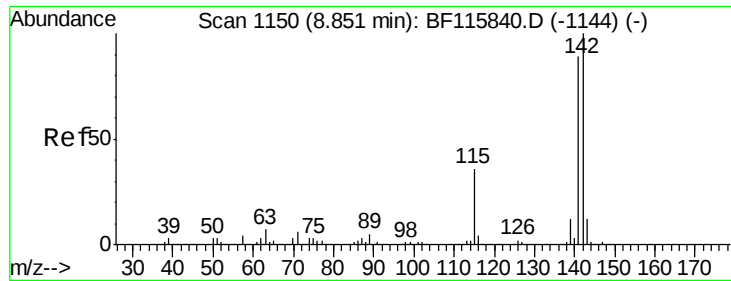
Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.8	20.2	30.2		
142	79.4	61.7	92.5		





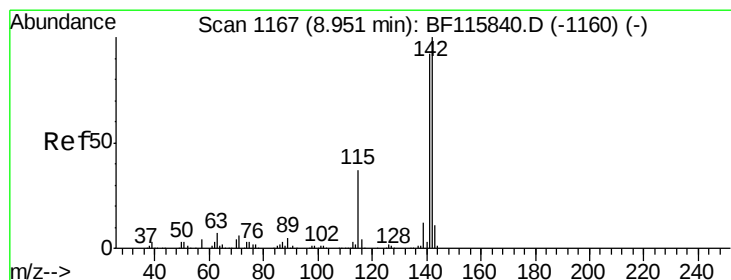
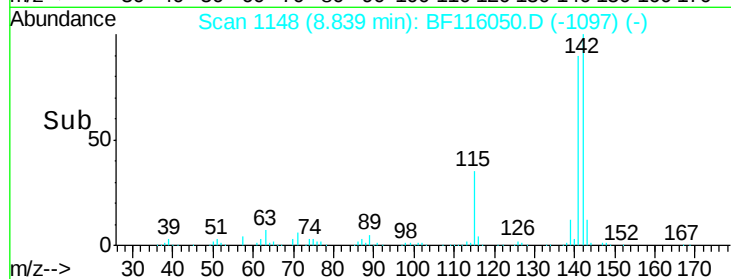
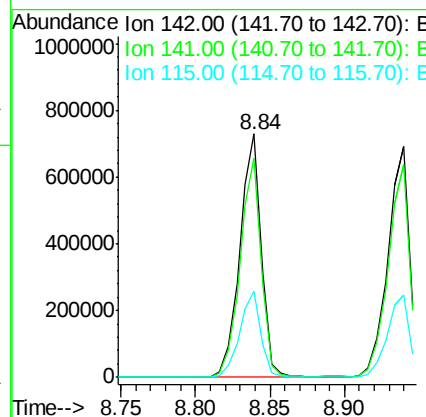
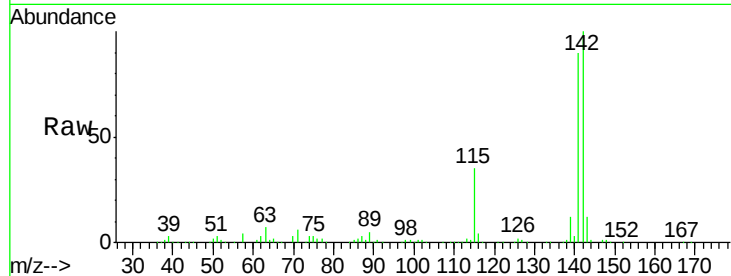
#37
2-Methylnaphthalene
Concen: 42.705 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
115	35.1	29.0	43.6

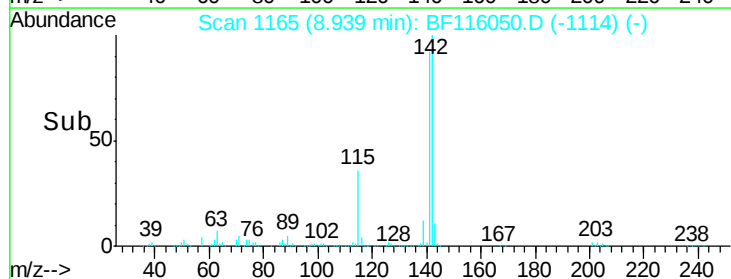
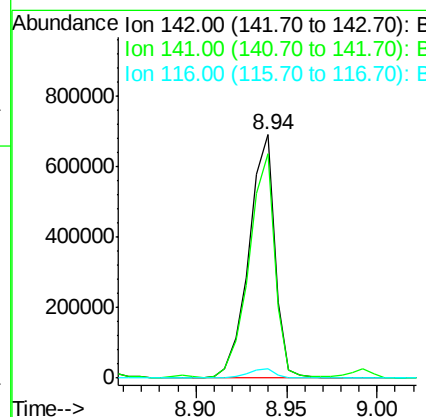
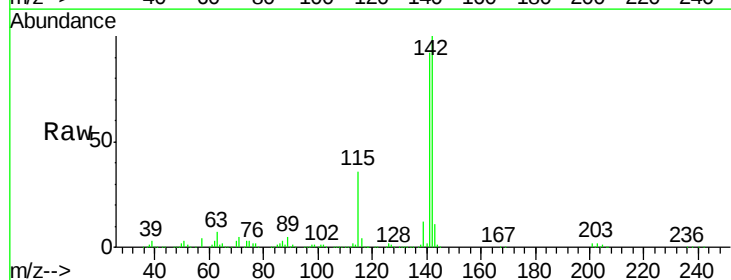
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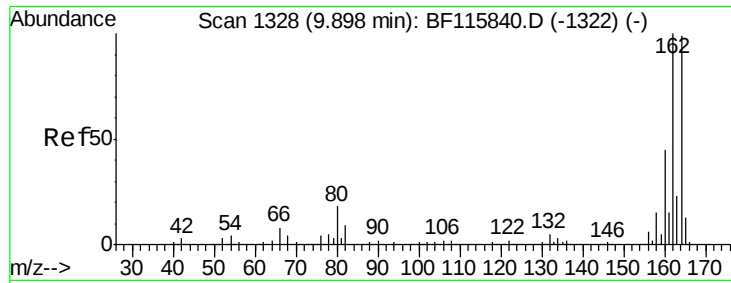
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#38
1-Methylnaphthalene
Concen: 42.140 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.4	111.6
116	3.7	3.1	4.7





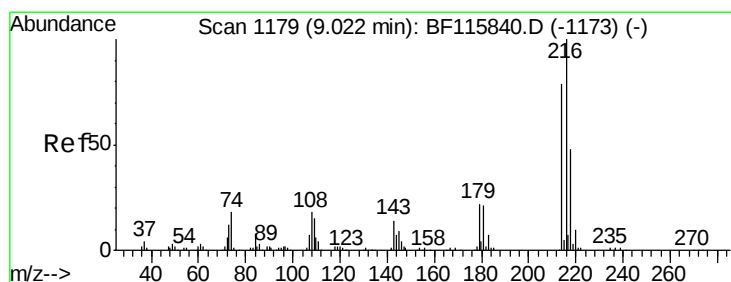
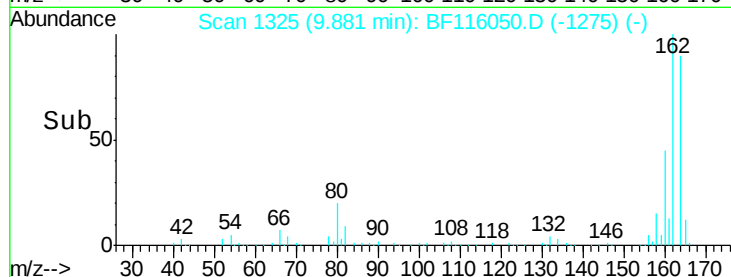
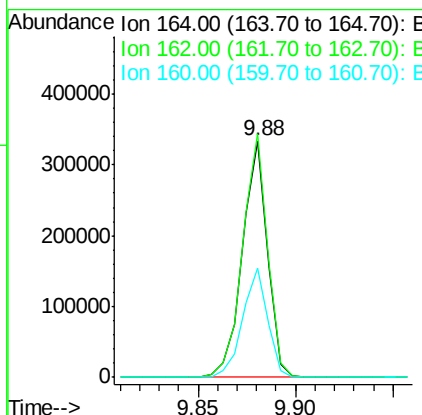
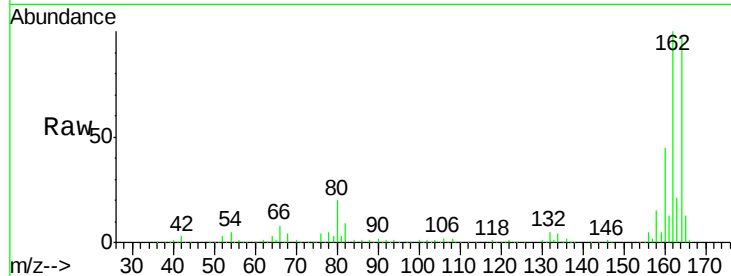
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.0	37.6	56.4

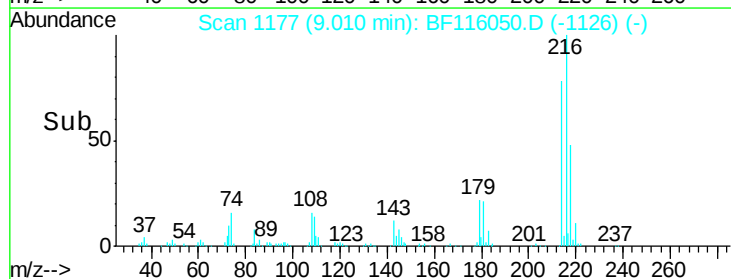
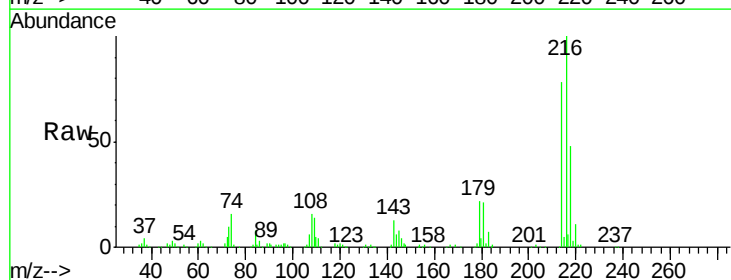
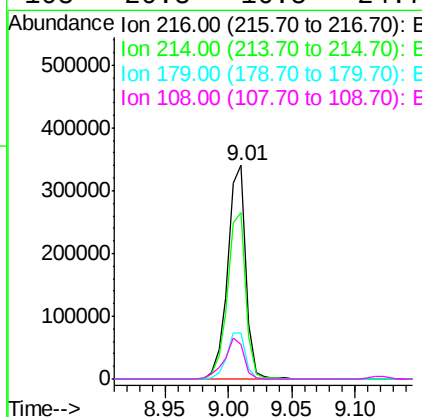
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.326 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.6	95.4
179	22.1	17.8	26.8
108	20.8	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 48.196 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

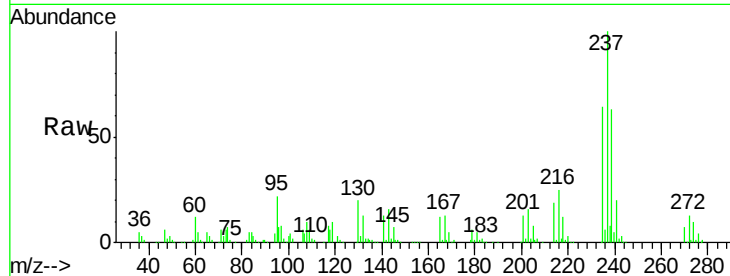
ClientSampleId :

RBR-200051MSD

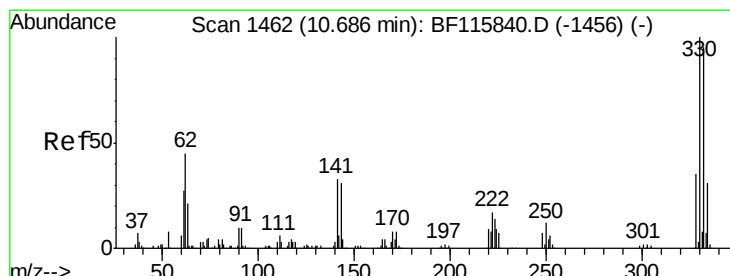
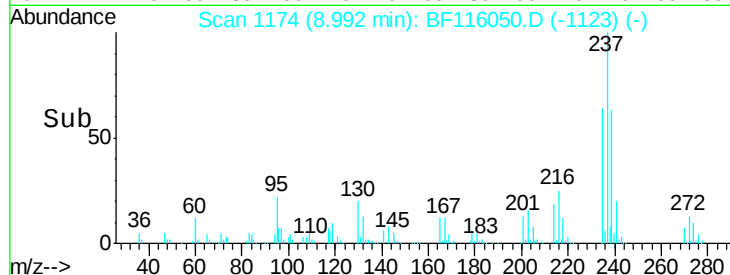
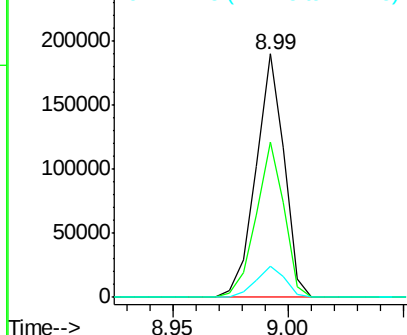
Tot Ion:	237	Resp:	162469
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.4	83.4
272	13.0	0.0	33.2

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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: 109.576 ng

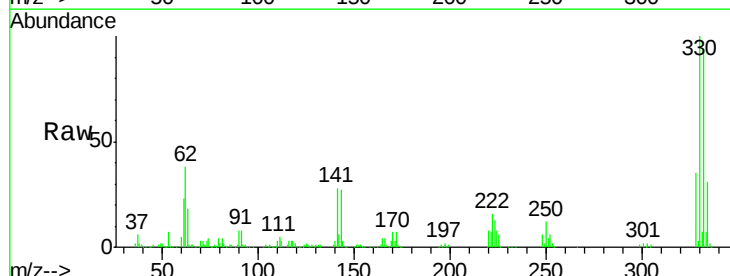
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

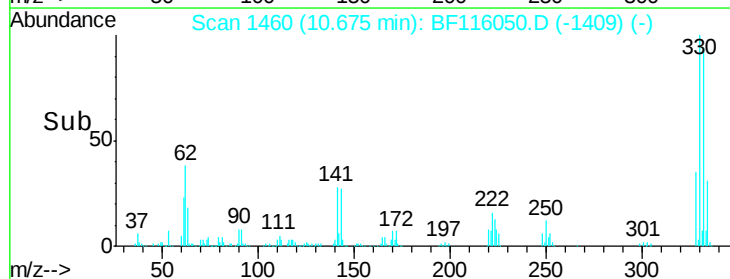
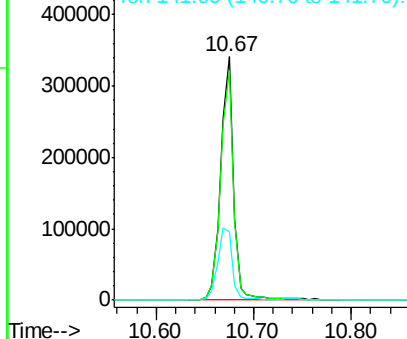
Lab File: BF116050.D

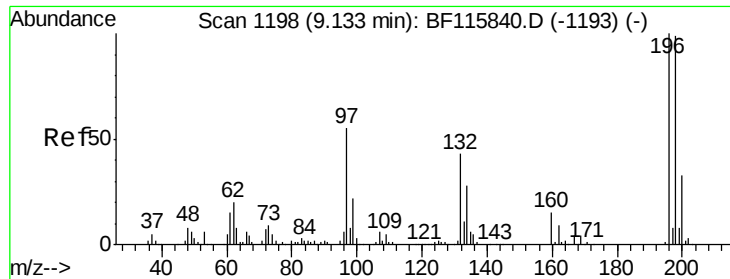
Acq: 7 Aug 2019 15:38

Tgt Ion:	330	Resp:	315016
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.8	115.2
141	33.8	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





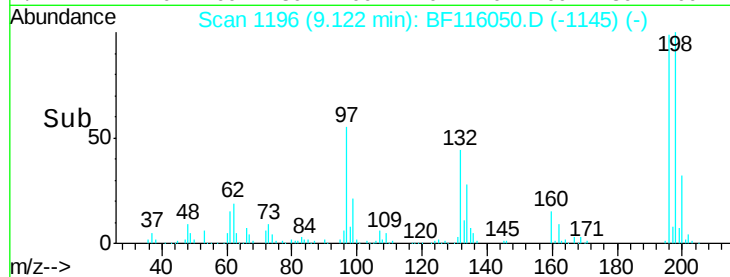
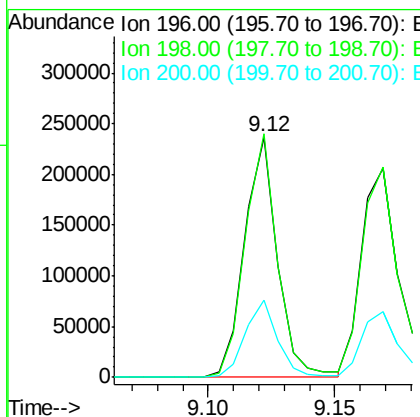
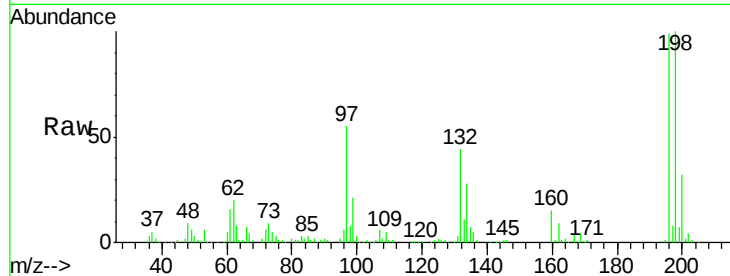
#43
 2,4,6-Trichlorophenol
 Concen: 39.457 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215294		
198	101.3	79.2	118.8	
200	32.2	25.2	37.8	

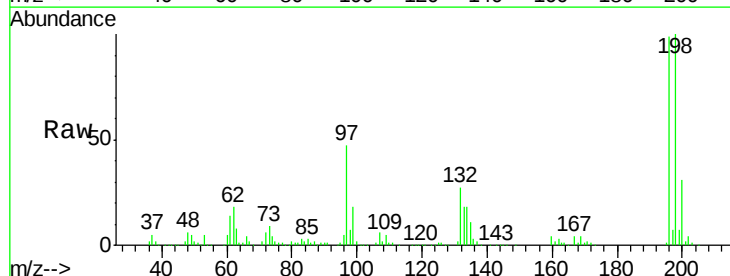
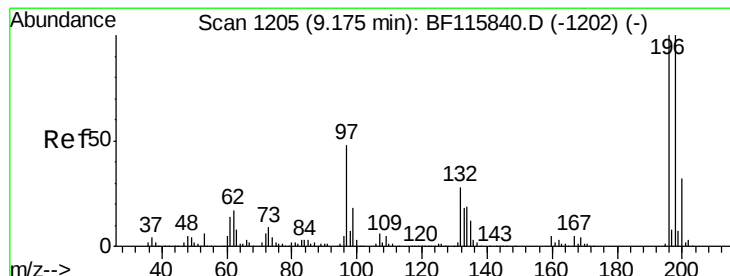
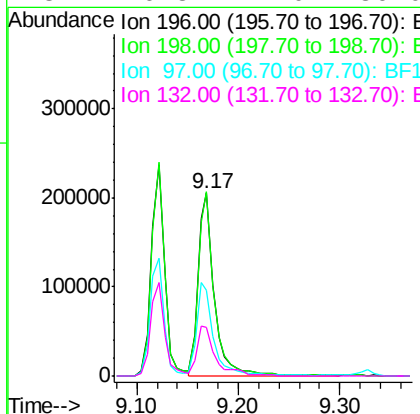
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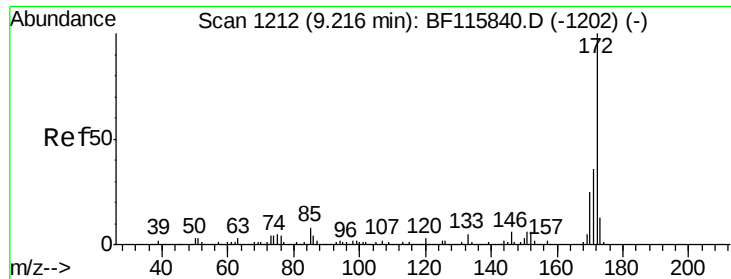
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.413 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227942		
198	100.7	78.8	118.2	
97	47.1	42.2	63.4	
132	26.8	24.0	36.0	





#45

2-Fluorobiphenyl

Concen: 75.101 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

Tot Ion:172 Resp: 1188909

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

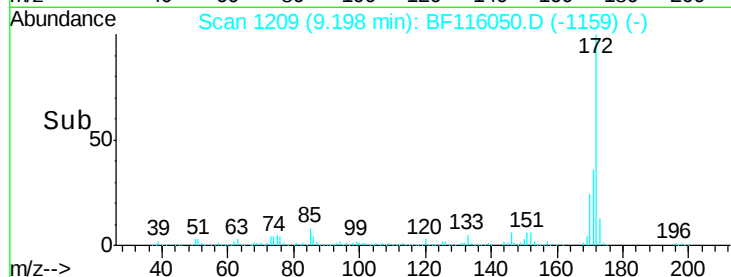
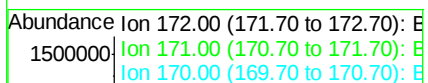
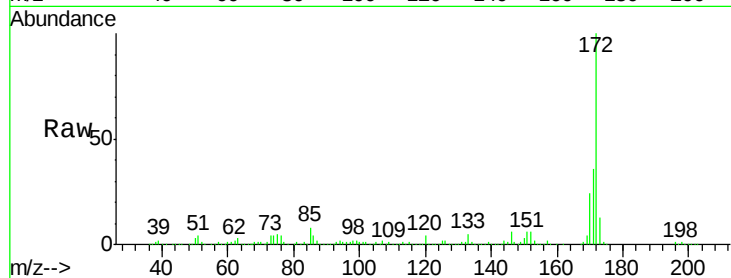
170 24.4 20.1 30.1

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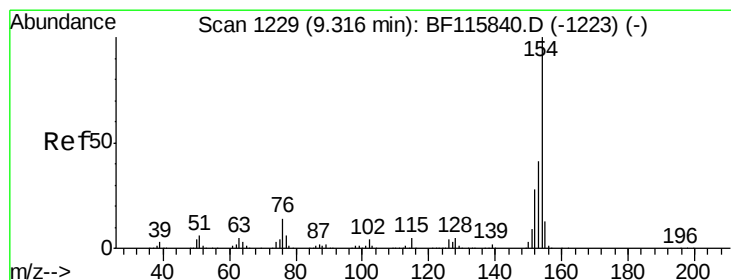
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Time-->



#46

1,1'-Biphenyl

Concen: 42.845 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

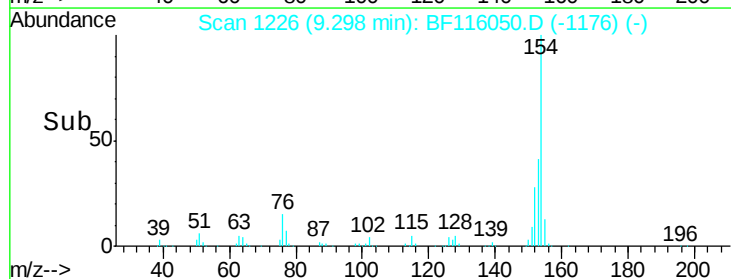
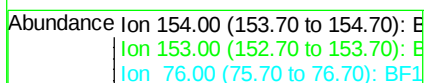
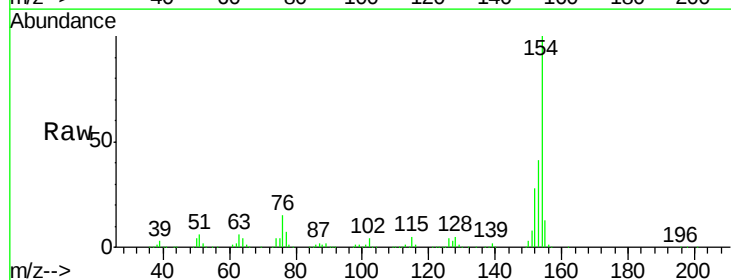
Tgt Ion:154 Resp: 896935

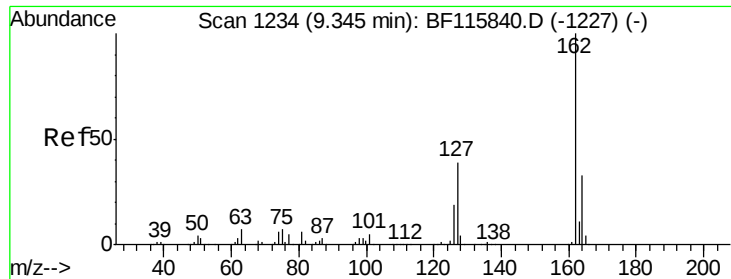
Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

76 14.7 0.0 35.2





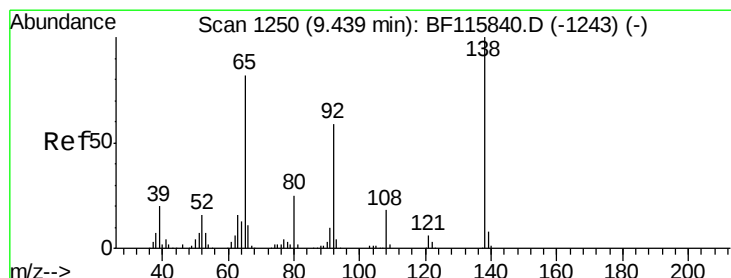
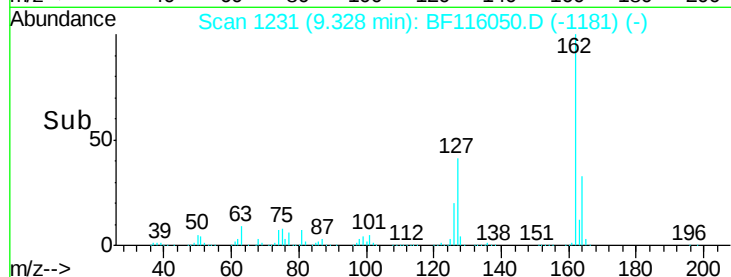
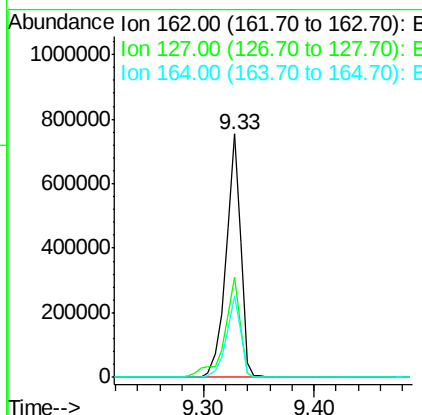
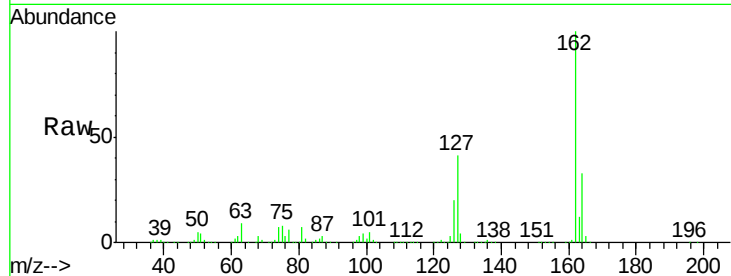
#47
2-Chloronaphthalene
Concen: 40.181 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.9		32.8	49.2	
164	33.2		26.6	39.8	

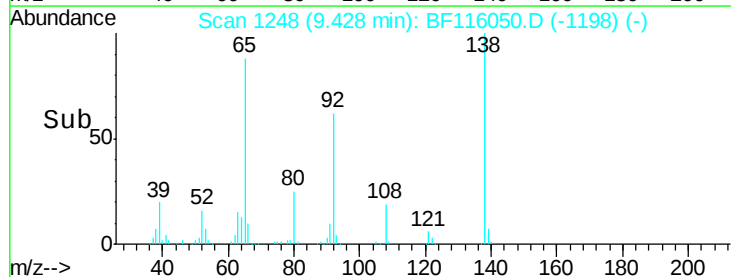
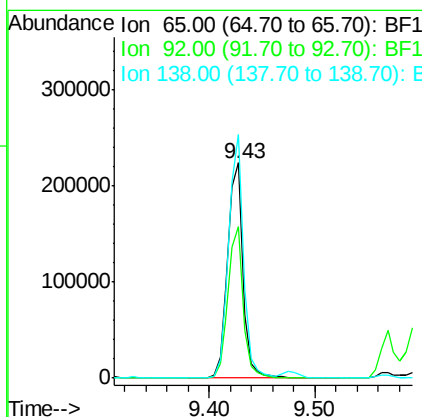
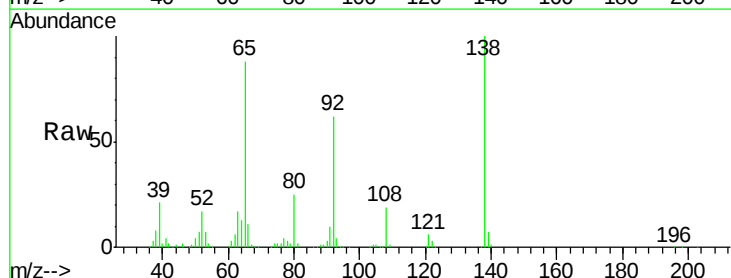
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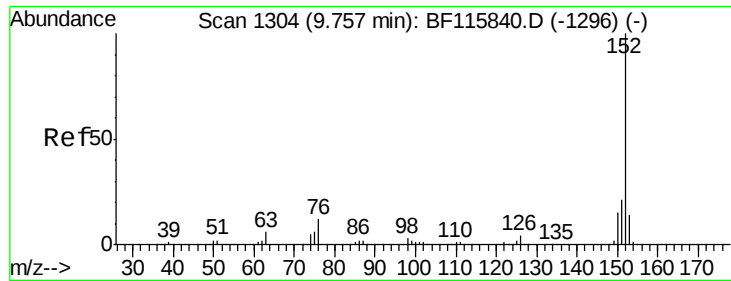
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#48
2-Nitroaniline
Concen: 39.319 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.5		57.8	86.8	
138	113.3		94.0	141.0	





#49

Acenaphthylene

Concen: 42.252 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

Tot Ion:152 Resp: 1074013

Ion Ratio Lower Upper

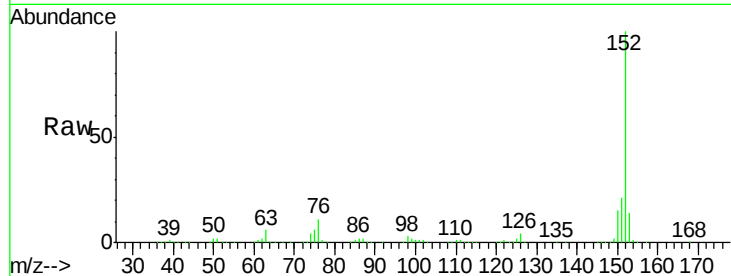
152 100

151 21.1 17.2 25.8

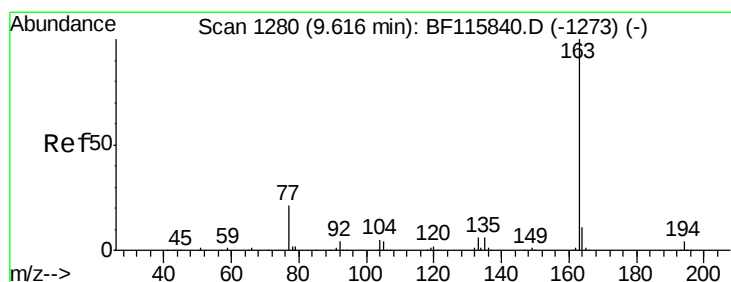
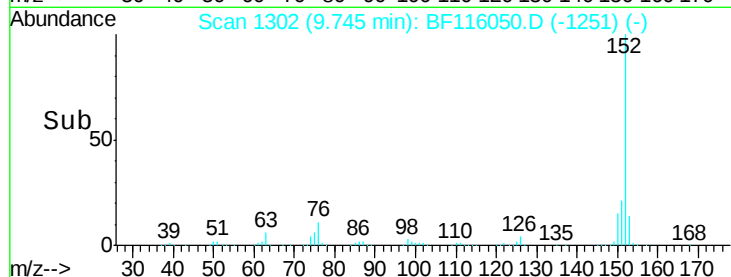
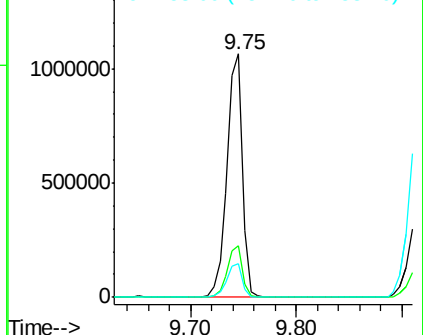
153 14.1 11.8 17.8

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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: 54.333 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

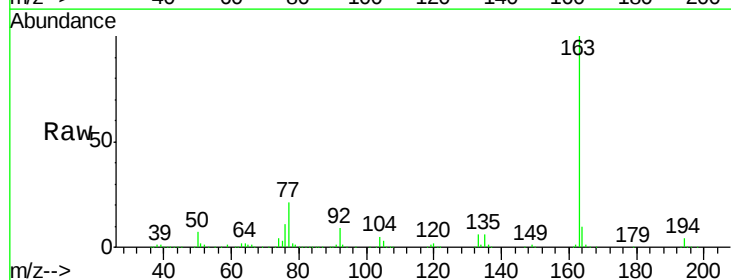
Tgt Ion:163 Resp: 1096968

Ion Ratio Lower Upper

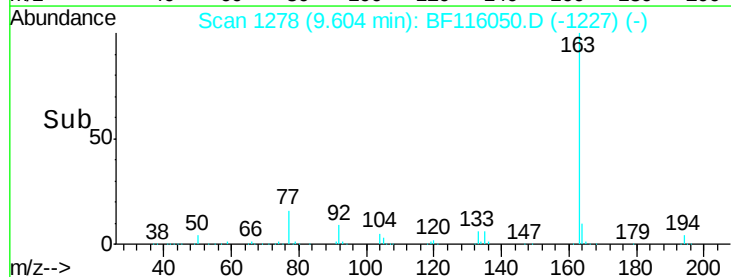
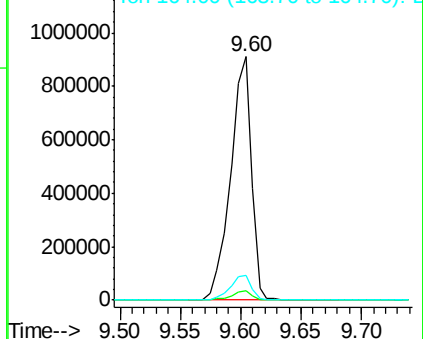
163 100

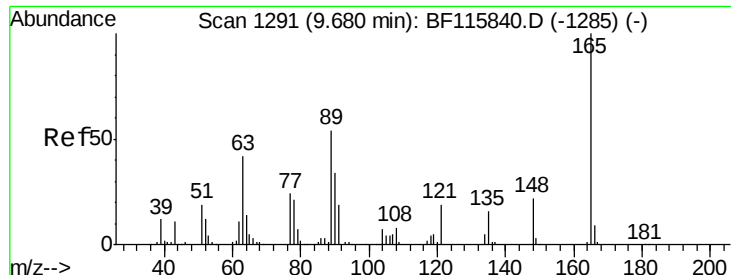
194 3.9 3.0 4.6

164 10.2 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





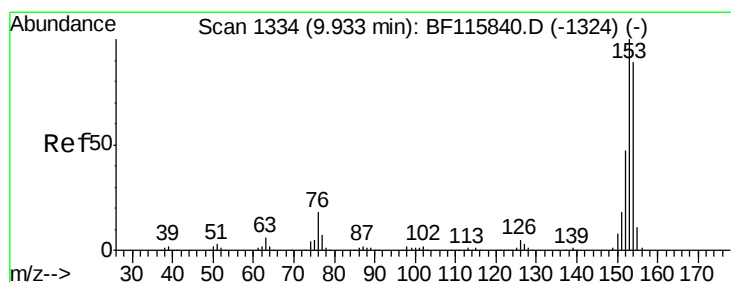
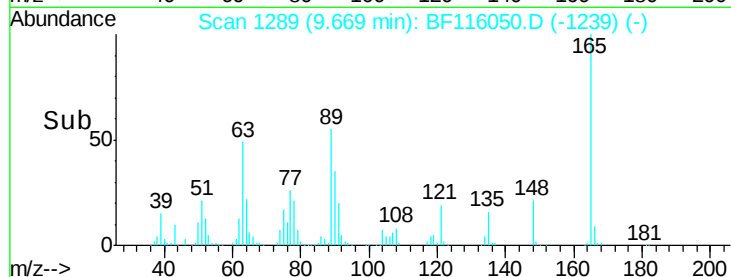
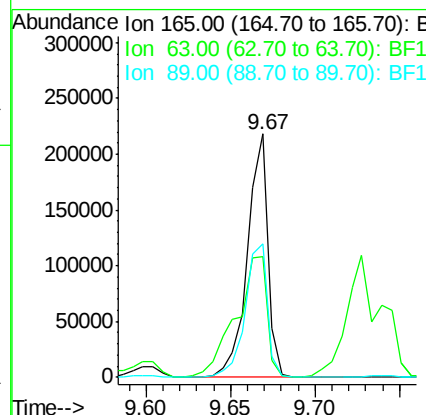
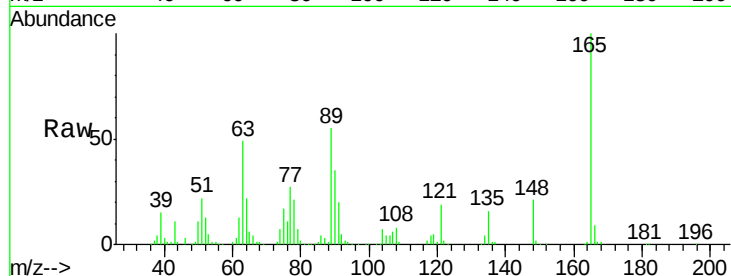
#51
 2,6-Dinitrotoluene
 Concen: 42.382 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	185954		
63	49.4		38.2	57.2
89	55.0		42.9	64.3

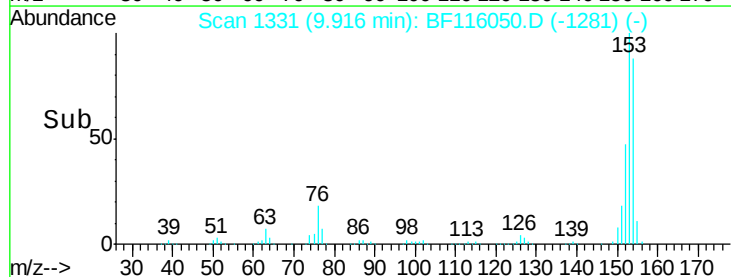
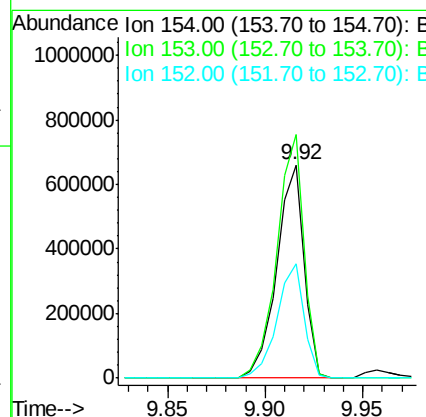
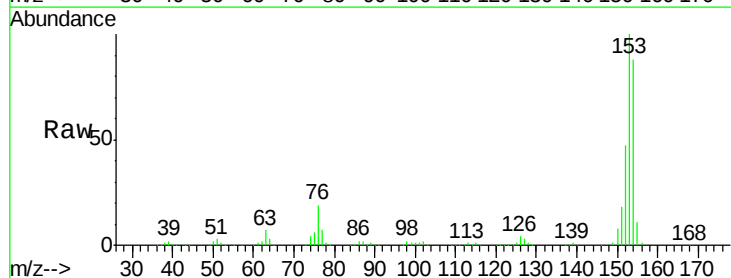
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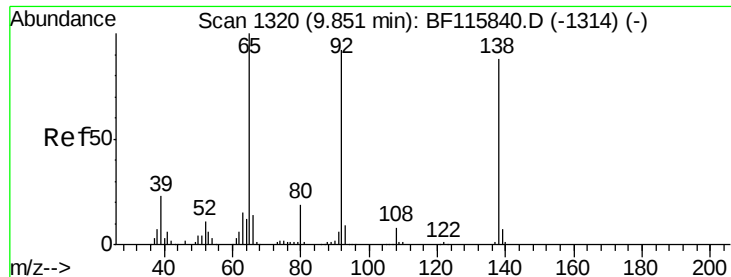
mohammad
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#52
 Acenaphthene
 Concen: 41.203 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	642536		
153	114.1		89.4	134.0
152	53.6		42.3	63.5





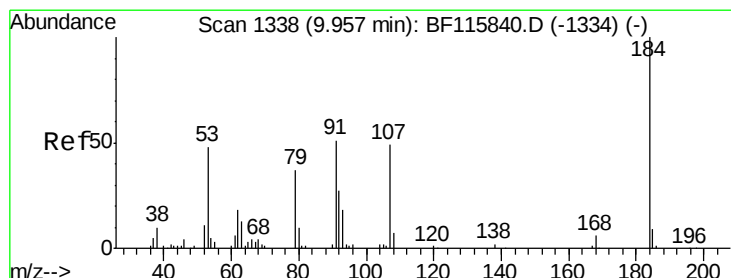
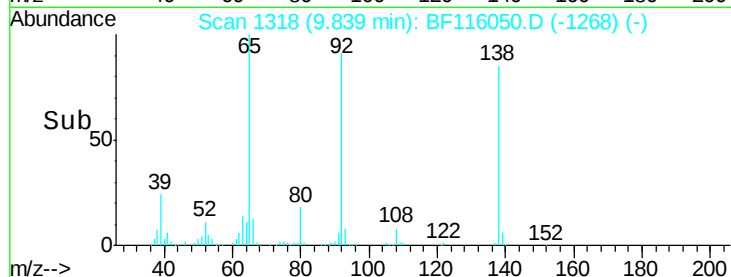
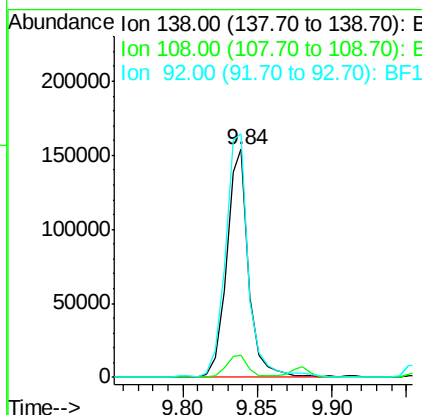
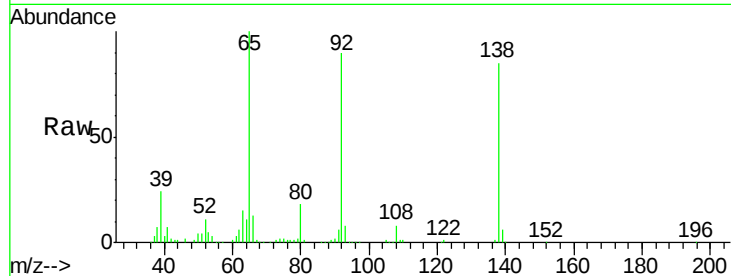
#53
 3-Nitroaniline
 Concen: 29.703 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	106.8	91.0	136.6

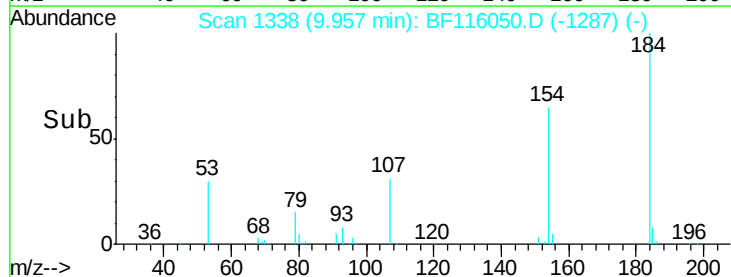
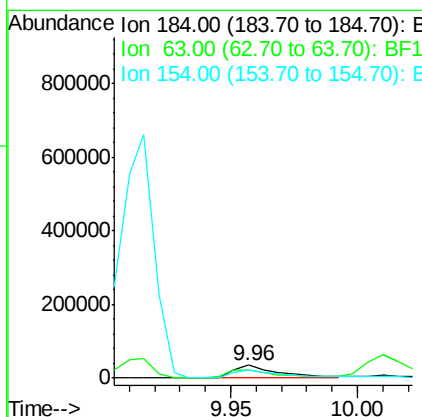
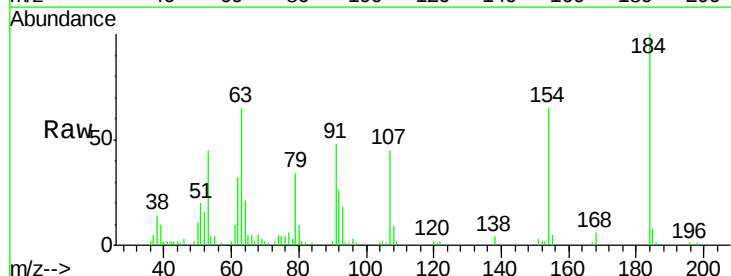
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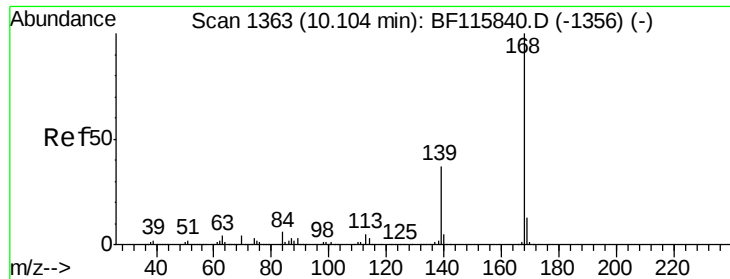
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 25.846 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	53.0	79.4
154	65.1	50.1	75.1





#55

Dibenzenofuran

Concen: 41.914 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

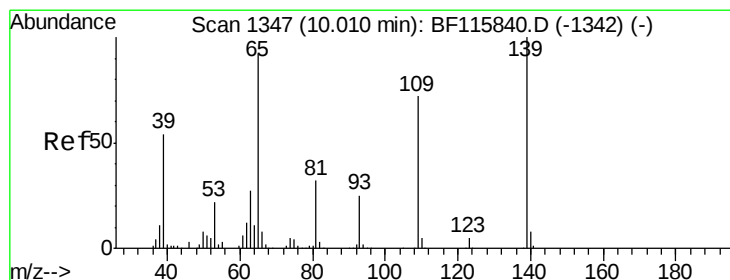
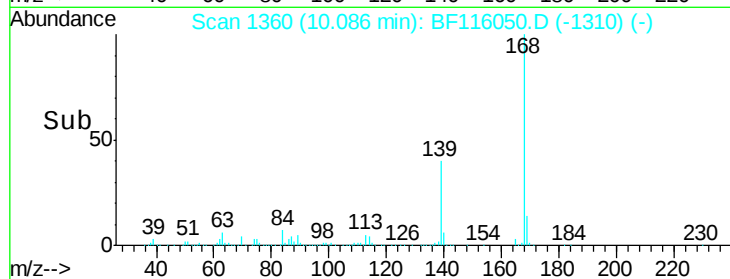
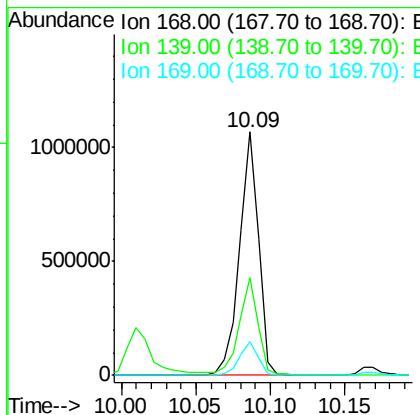
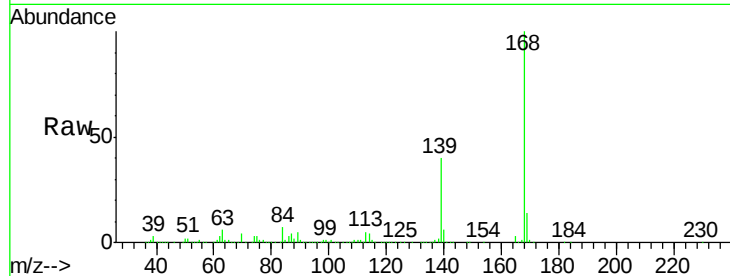
ClientSampleId :

RBR-200051MSD

Tot Ion:	168	Resp:	950537
Ion Ratio	Lower	Upper	
168	100		
139	39.9	31.4	47.2
169	13.7	10.9	16.3

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#56

4-Nitrophenol

Concen: 69.380 ng

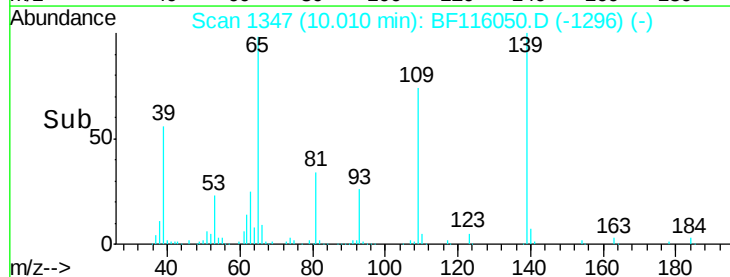
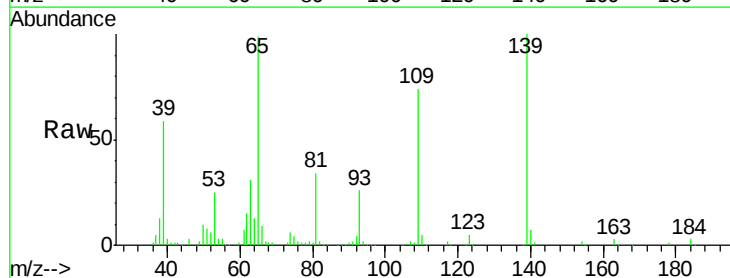
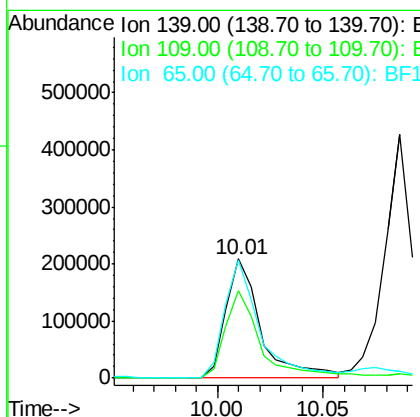
RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:	139	Resp:	240957
Ion Ratio	Lower	Upper	
139	100		
109	73.5	54.4	94.4
65	99.0	80.6	120.6





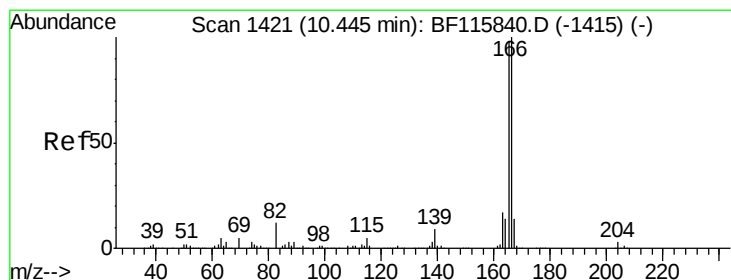
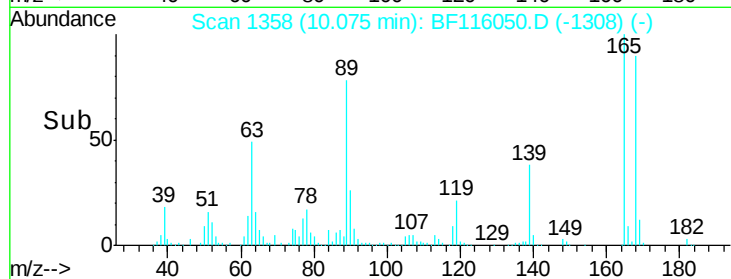
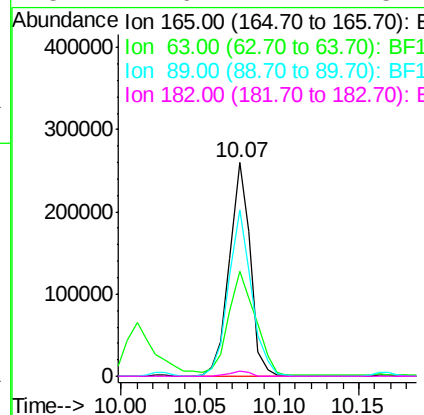
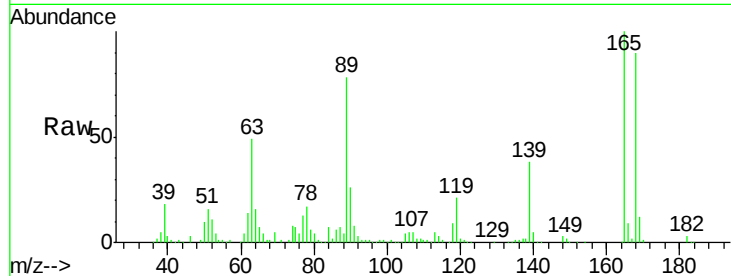
#57
2,4-Dinitrotoluene
Concen: 40.673 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237602		
63	49.1	39.6	59.4	
89	77.8	62.2	93.2	
182	2.6	2.1	3.1	

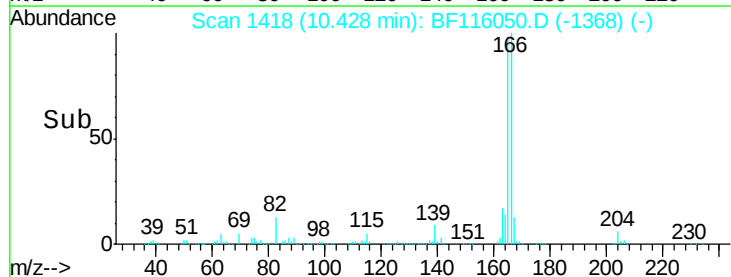
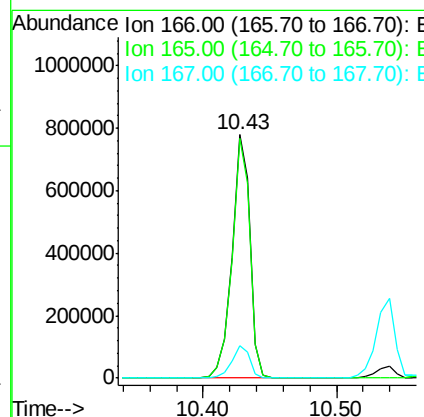
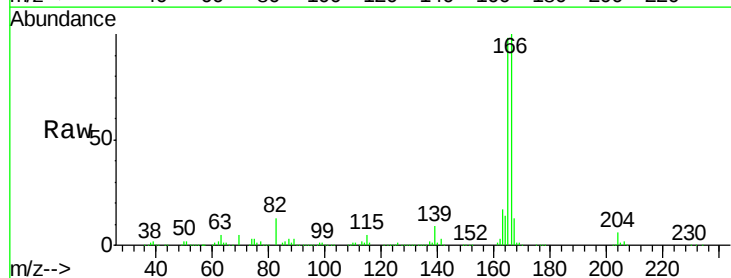
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#58
Fluorene
Concen: 42.523 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	741955		
165	98.4	78.4	117.6	
167	13.4	11.0	16.4	





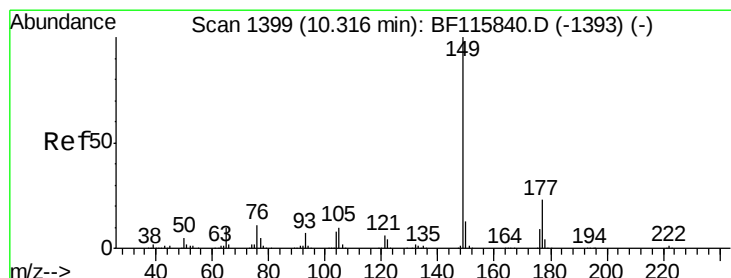
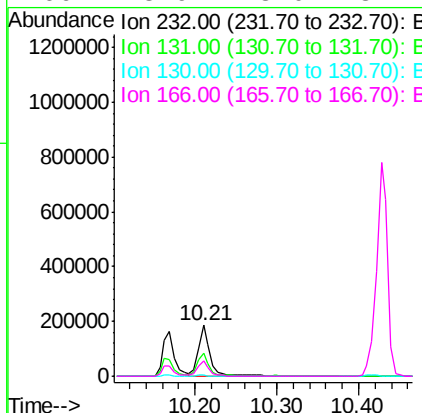
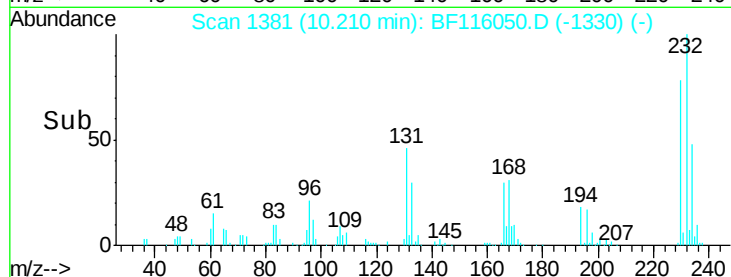
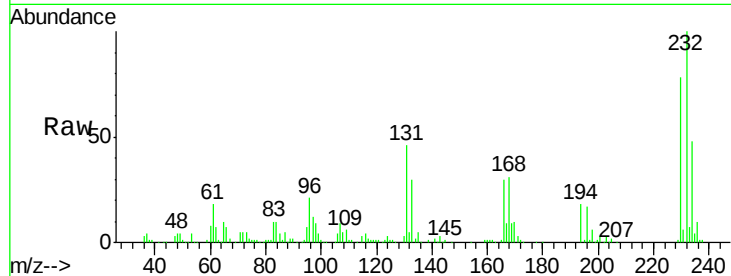
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.658 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		183445		
131	44.5	36.2	54.2		
130	2.4	1.9	2.9		
166	28.9	23.0	34.4		

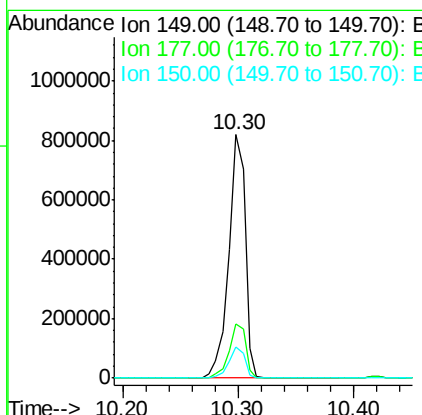
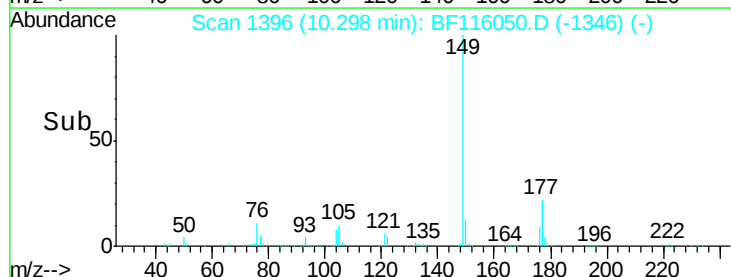
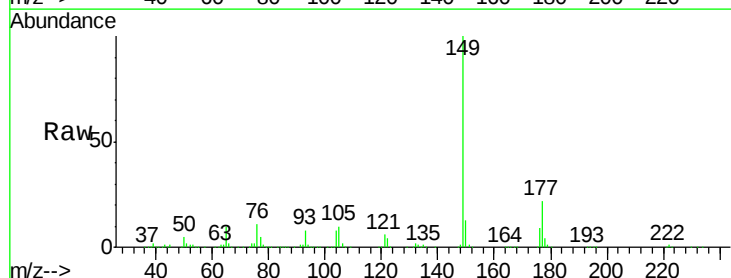
Manual Integrations
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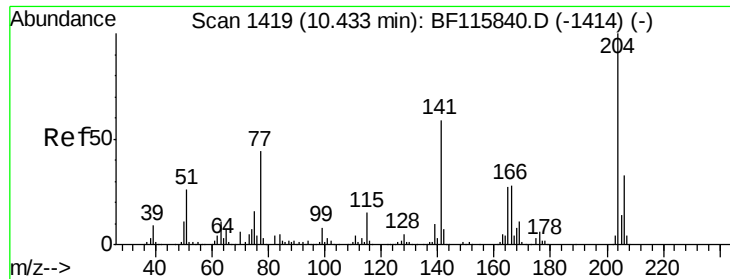
mohammad
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#60
 Diethylphthalate
 Concen: 43.129 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		812966		
177	22.3	18.8	28.2		
150	12.9	10.2	15.4		





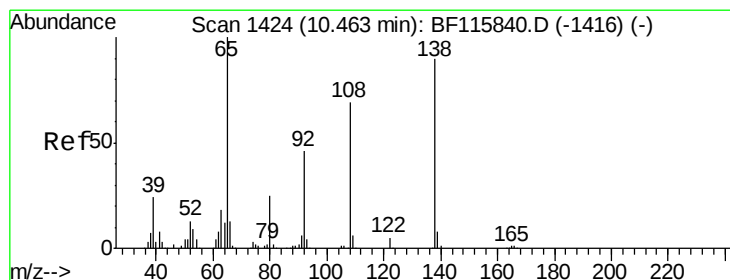
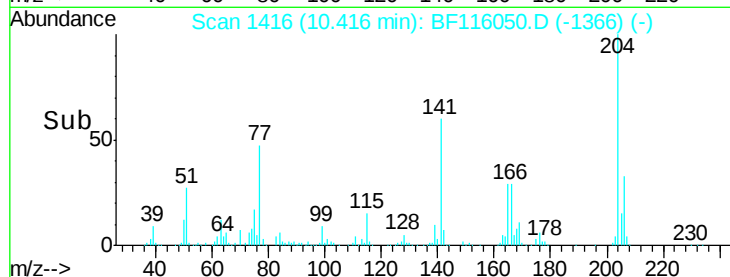
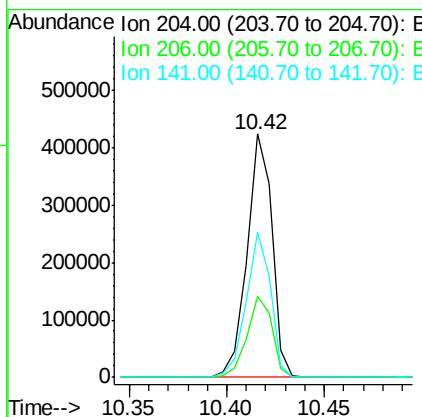
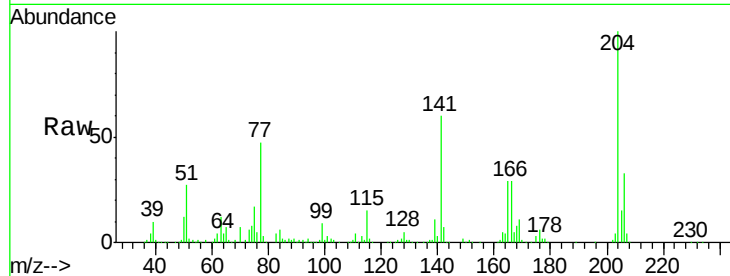
#61
 4-Chlorophenyl-phenylether
 Concen: 42.557 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	59.7	46.4	69.6

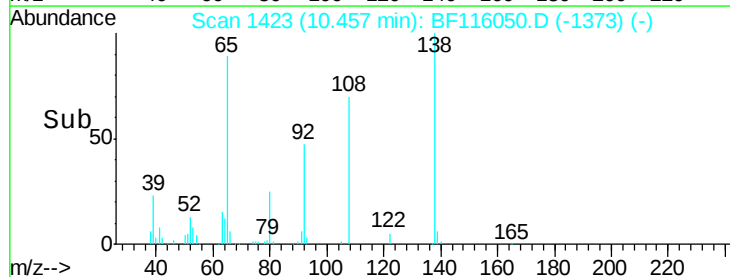
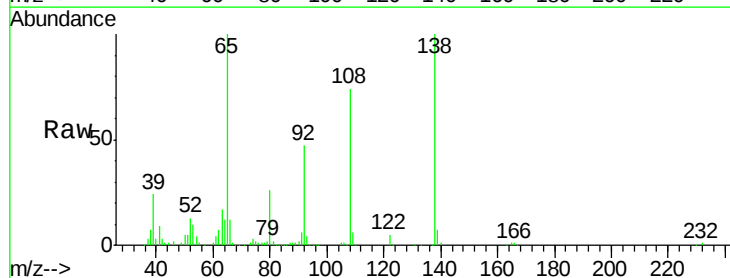
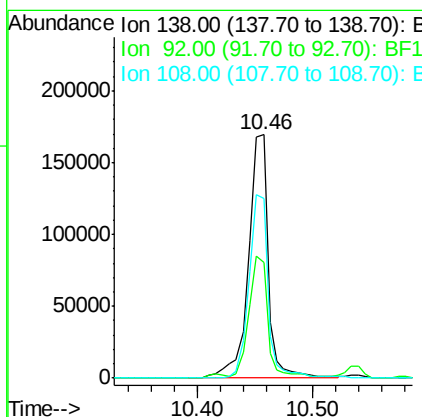
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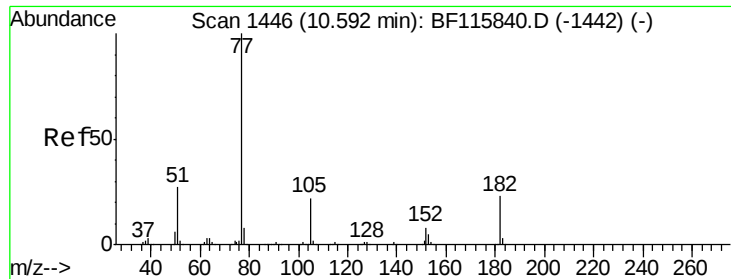
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#62
 4-Nitroaniline
 Concen: 36.233 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.0	69.0
108	73.6	54.7	94.7





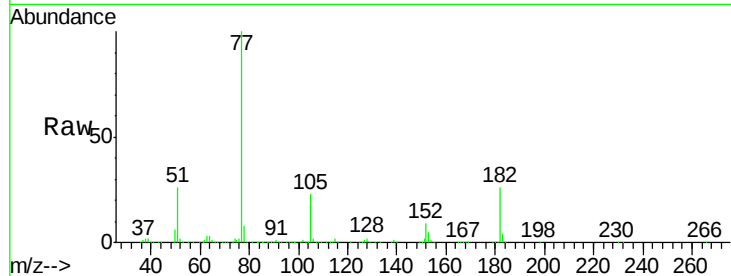
#63
Azobenzene
Concen: 42.648 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

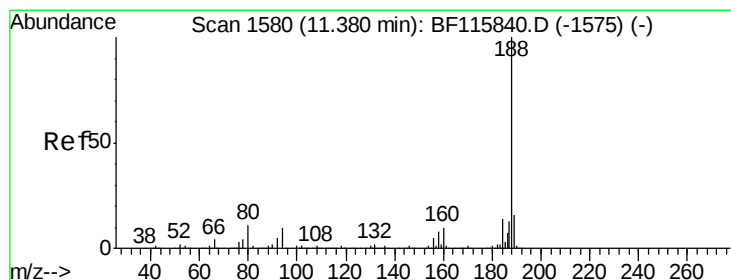
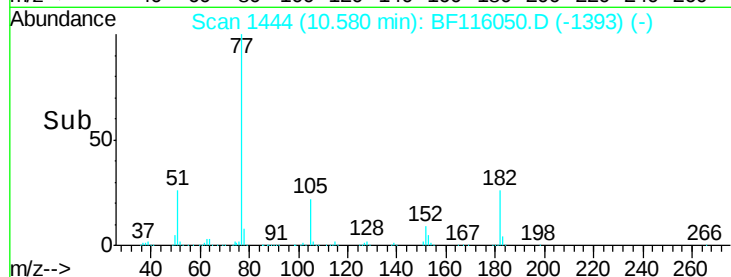
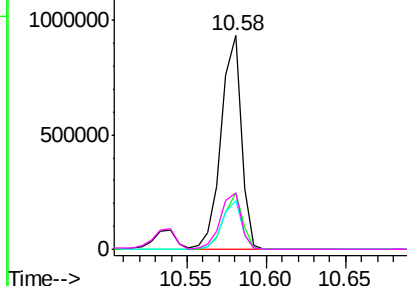
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.3	4.0	44.0		
105	22.6	2.0	42.0		
51	26.2	7.5	47.5		

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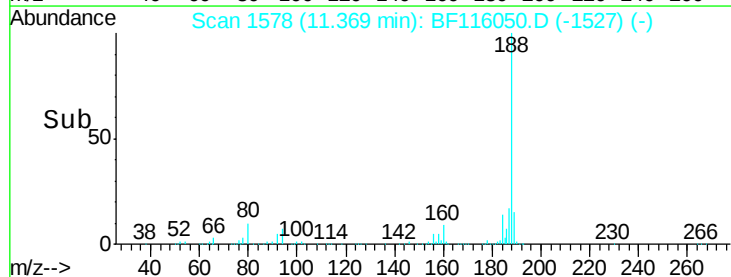
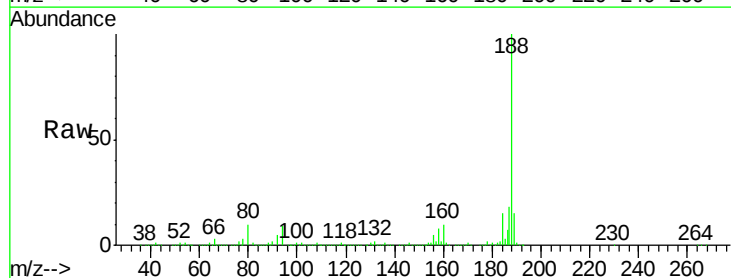
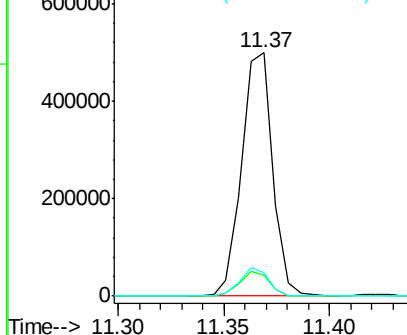
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

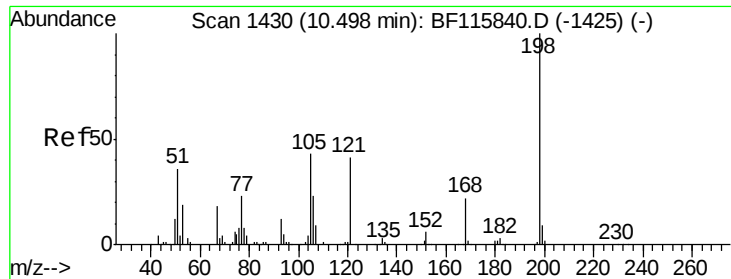


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.8	8.1	12.1		
80	9.8	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: 25.613 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

Tot Ion:198 Resp: 68951

Ion Ratio Lower Upper

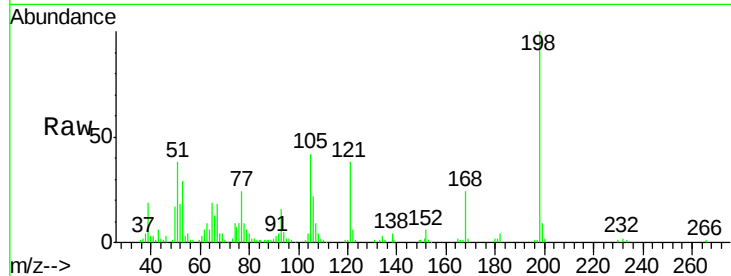
198 100

51 37.7 17.0 57.0

105 42.2 21.6 61.6

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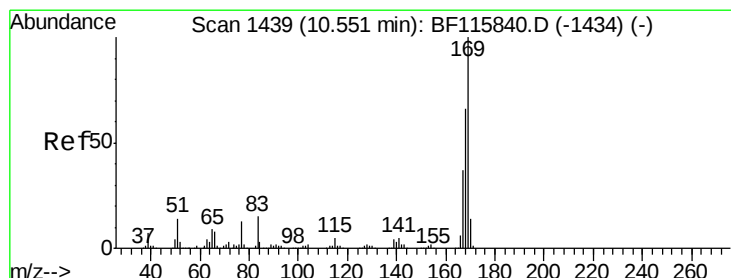
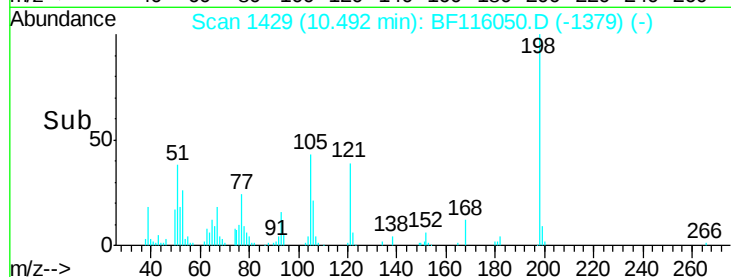
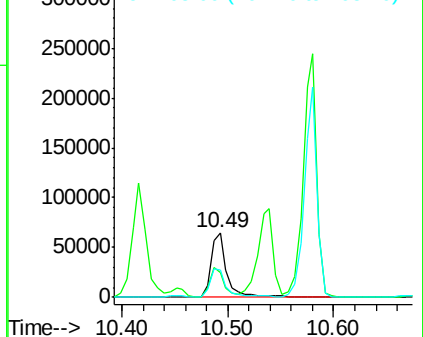
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.786 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:169 Resp: 669491

Ion Ratio Lower Upper

169 100

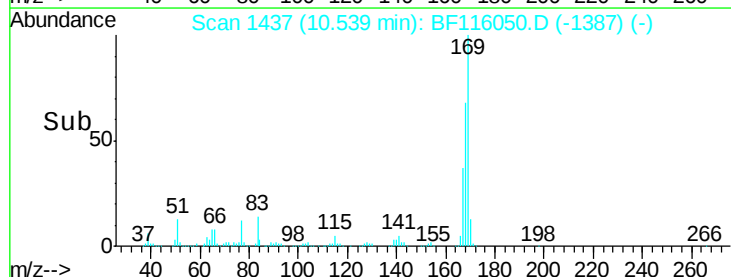
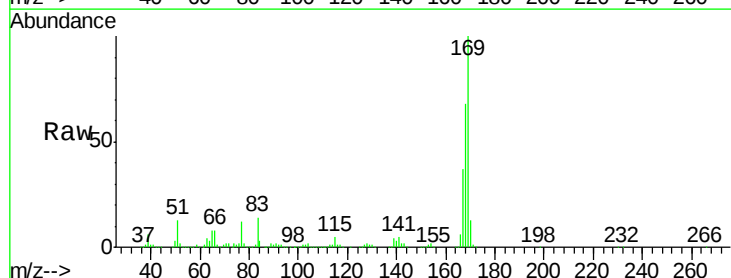
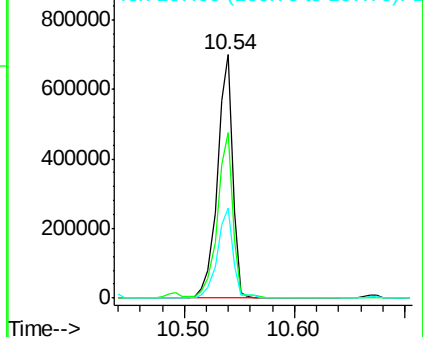
168 67.8 53.8 80.6

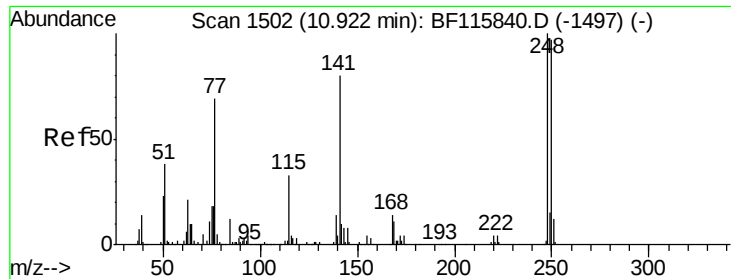
167 36.8 29.6 44.4

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





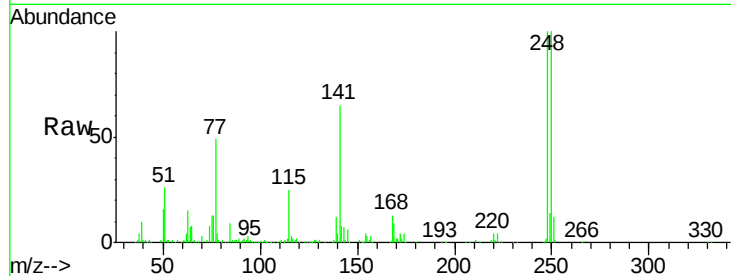
#67
4-Bromophenyl-phenylether
Concen: 42.387 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

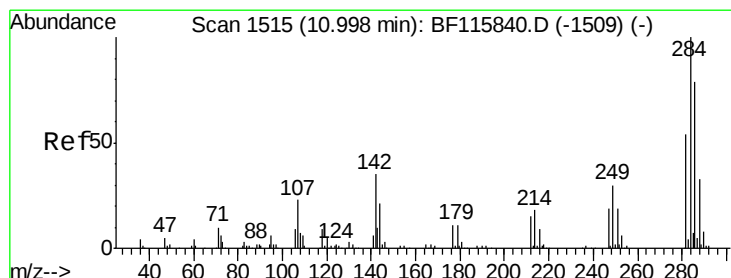
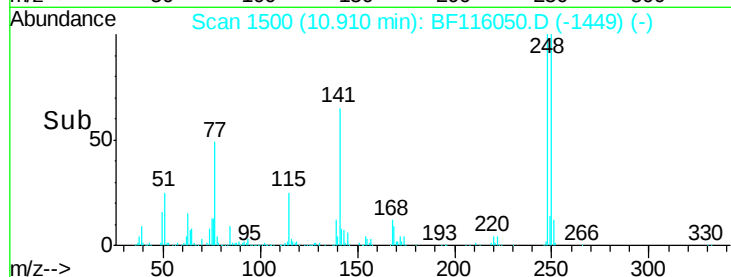
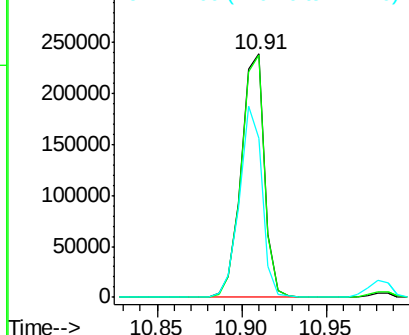
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.4	116.2
141	65.5	56.8	85.2

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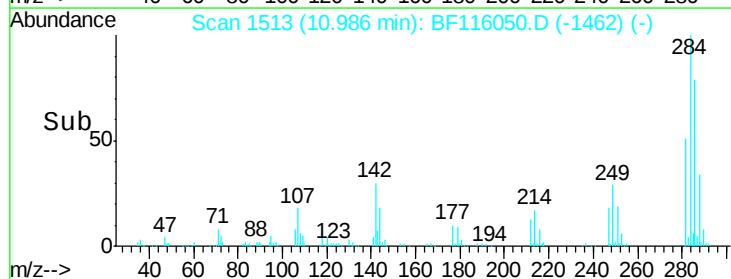
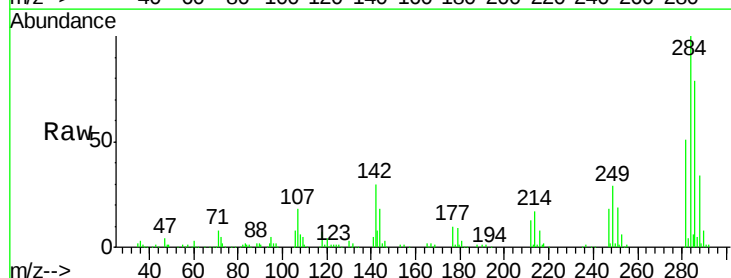
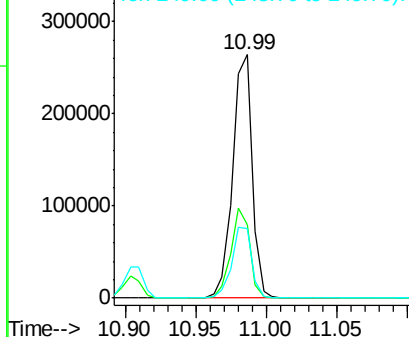
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

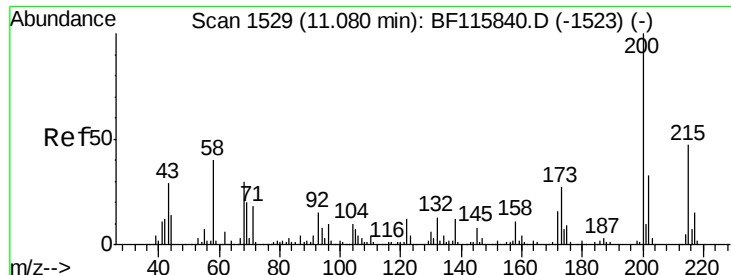


#68
Hexachlorobenzene
Concen: 40.494 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	28.4	42.6
249	28.7	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





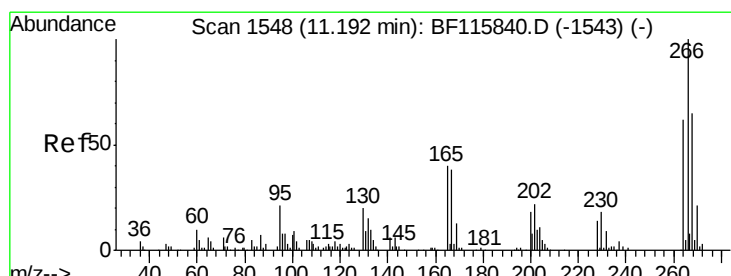
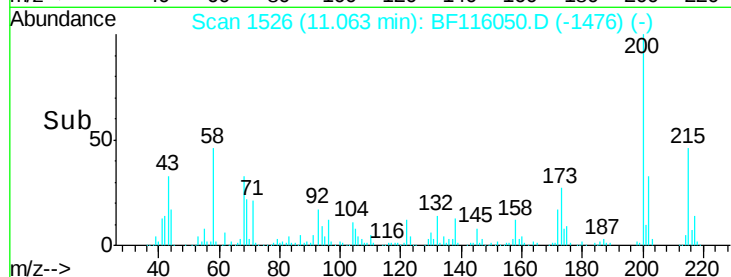
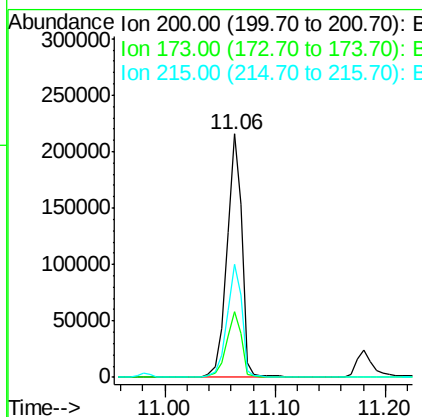
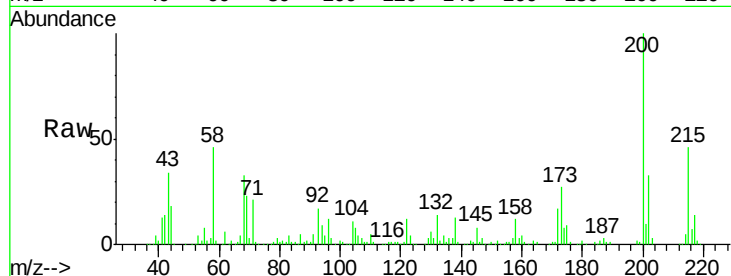
#69
Atrazine
Concen: 40.514 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	203788		
173	27.2	6.8	46.8	
215	46.3	27.5	67.5	

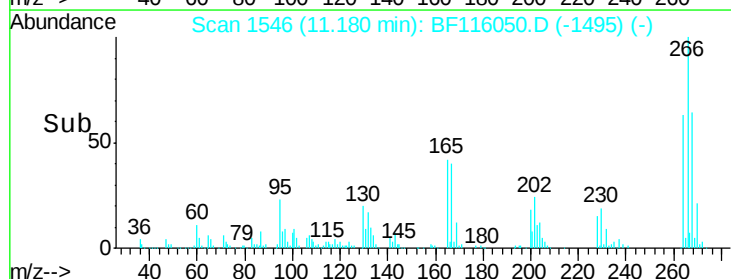
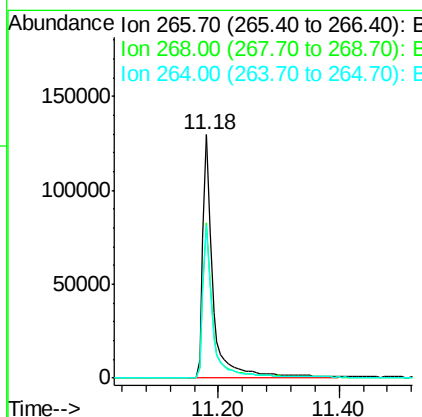
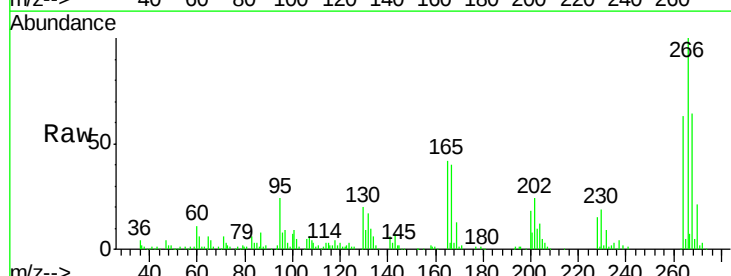
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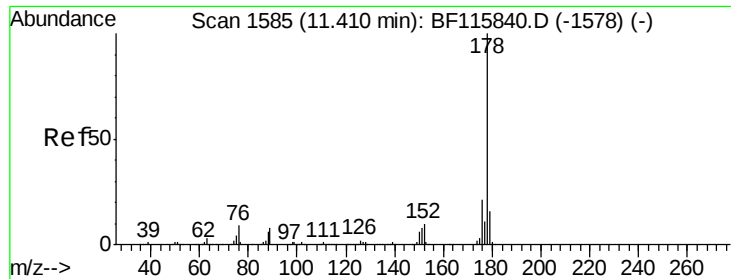
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#70
Pentachlorophenol
Concen: 51.470 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	157133		
268	63.9	48.8	73.2	
264	62.7	50.6	76.0	





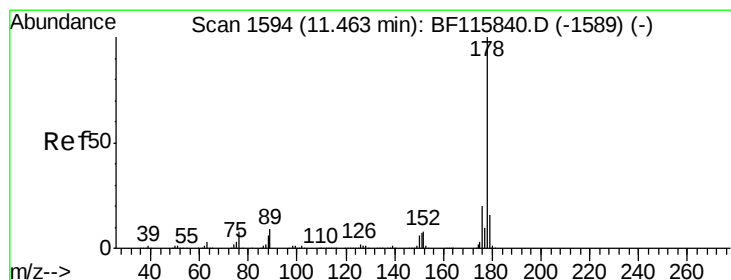
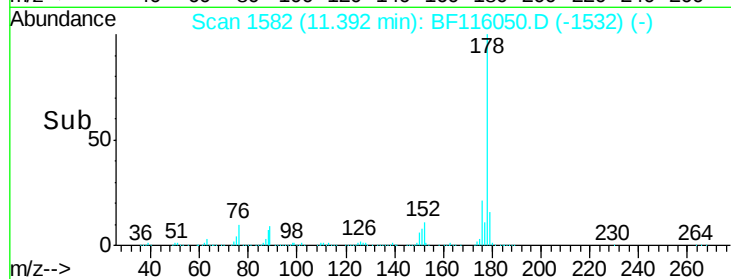
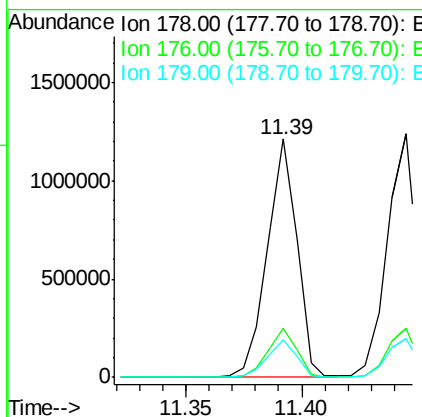
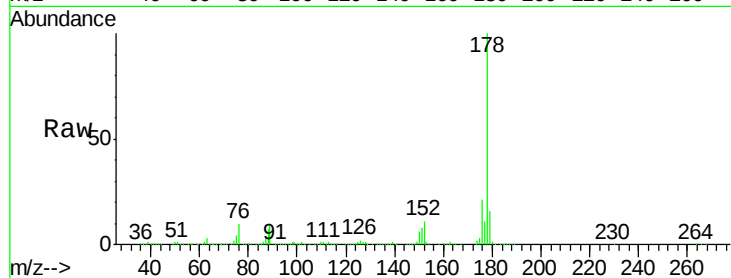
#71
Phenanthrene
Concen: 41.698 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion:178 Resp: 1082874
Ion Ratio Lower Upper
178 100
176 20.8 16.6 24.8
179 15.9 12.5 18.7

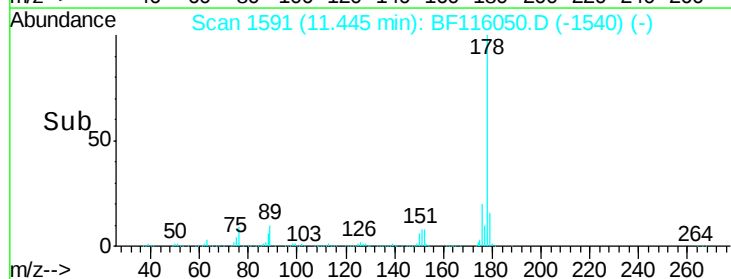
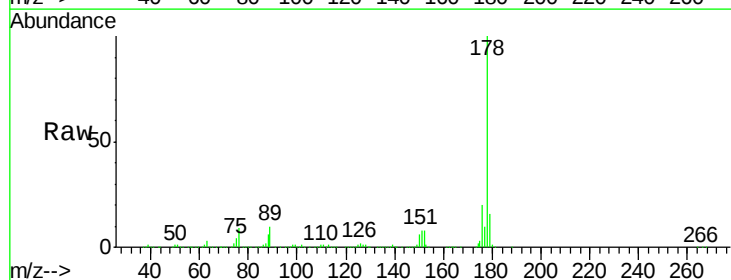
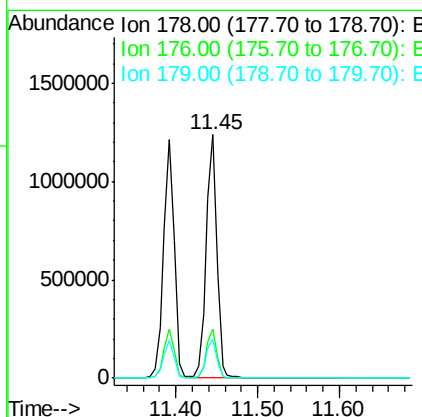
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#72
Anthracene
Concen: 42.825 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion:178 Resp: 1125539
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.0 13.0 19.6





#73

Carbazole

Concen: 41.607 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

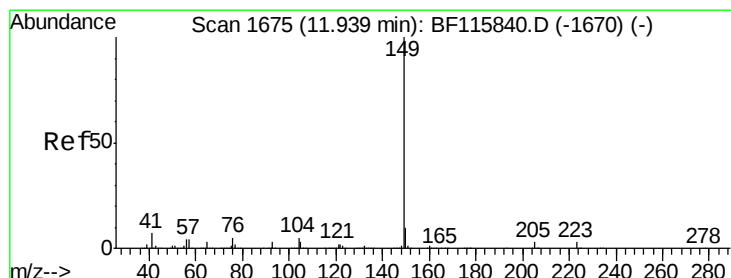
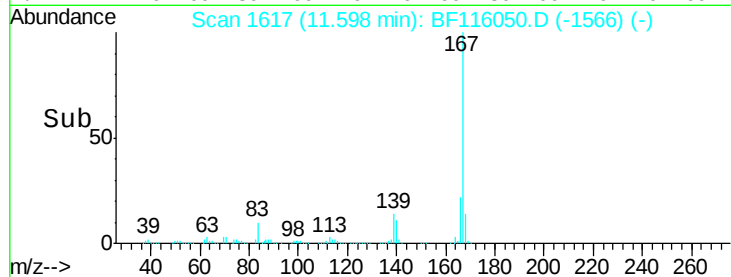
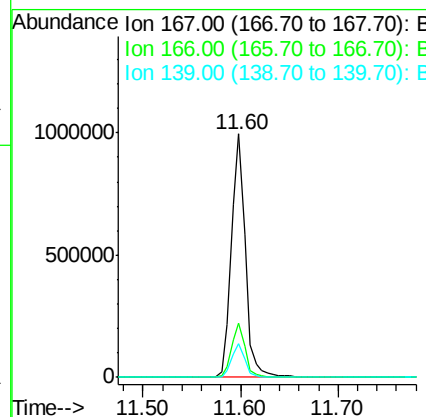
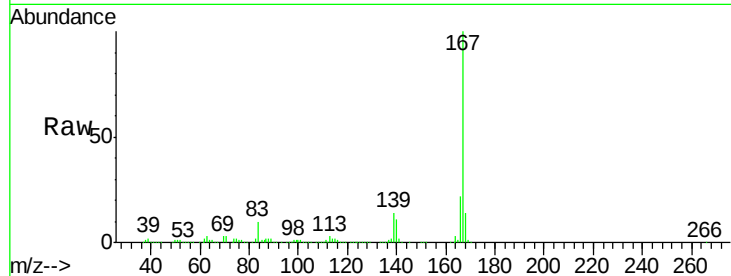
ClientSampleId :

RBR-200051MSD

Tot Ion:	167	Resp:	992106
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.8	26.6
139	13.9	11.4	17.0

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#74

Di-n-butylphthalate

Concen: 45.378 ng

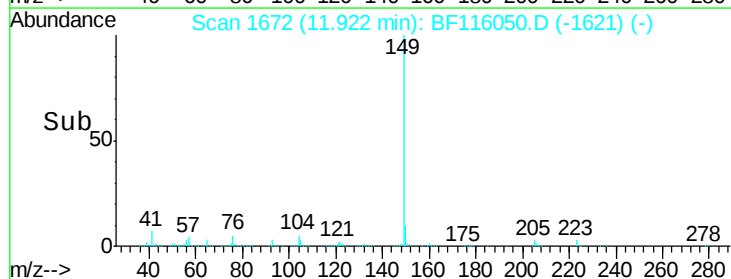
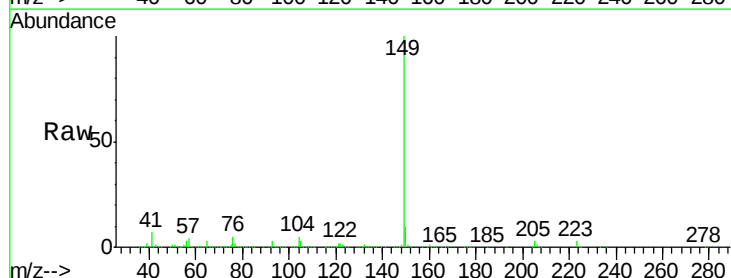
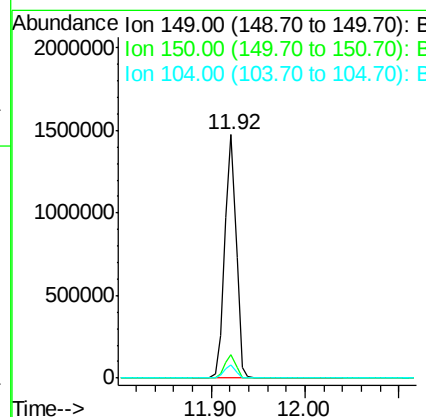
RT: 11.92 min Scan# 1672

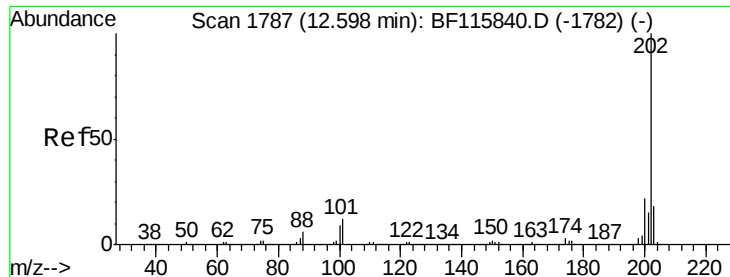
Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:	149	Resp:	1262231
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.0	12.0
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 39.727 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

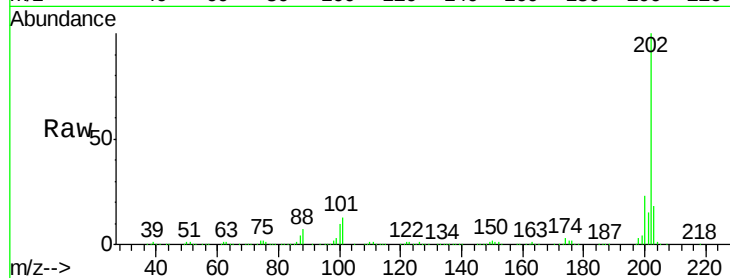
ClientSampleId :

RBR-200051MSD

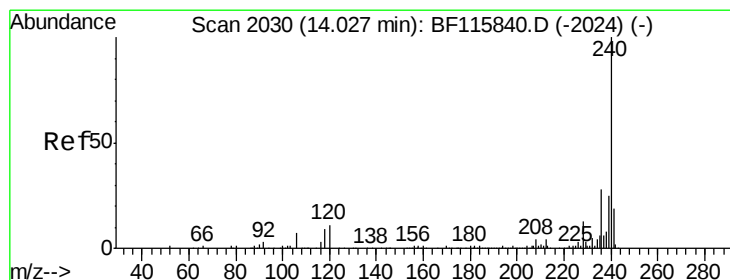
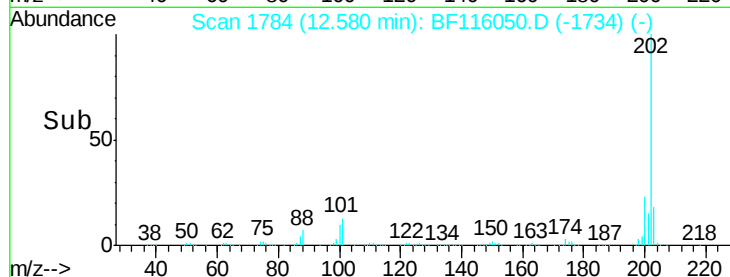
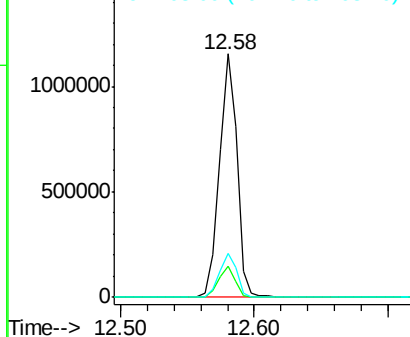
Tot Ion:	202	Resp:	1080081
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	31.2
203	18.2	0.0	37.8

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



#76

Chrysene-d12

Concen: 20.000 ng

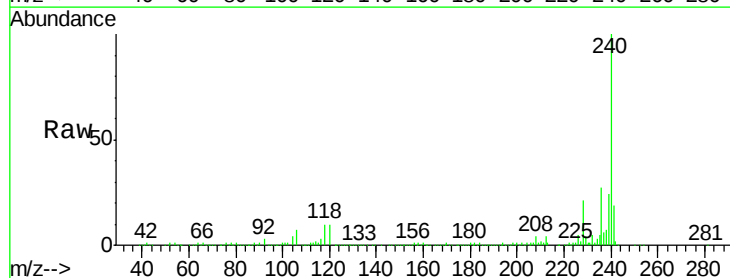
RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

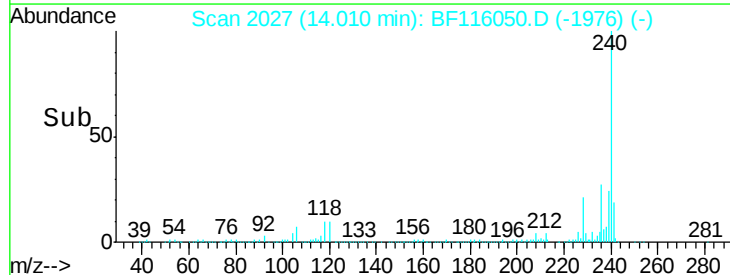
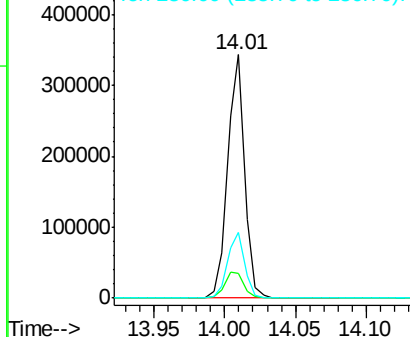
Lab File: BF116050.D

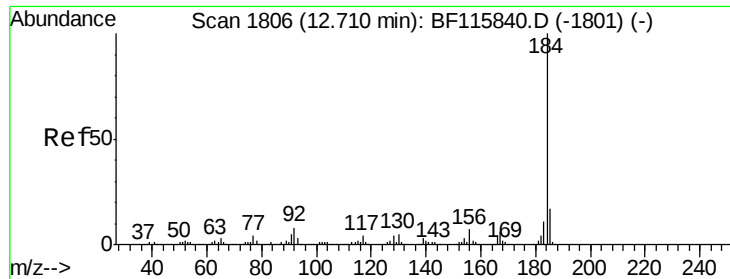
Acq: 7 Aug 2019 15:38

Tgt Ion:	240	Resp:	285961
Ion Ratio	Lower	Upper	
240	100		
120	10.2	10.7	16.1#
236	27.2	22.2	33.2



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





#77

Benzidine

Concen: 41.324 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

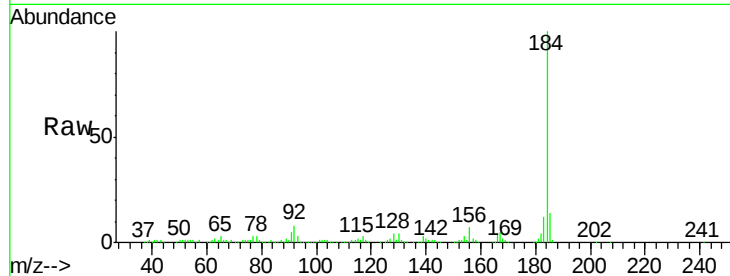
ClientSampleId :

RBR-200051MSD

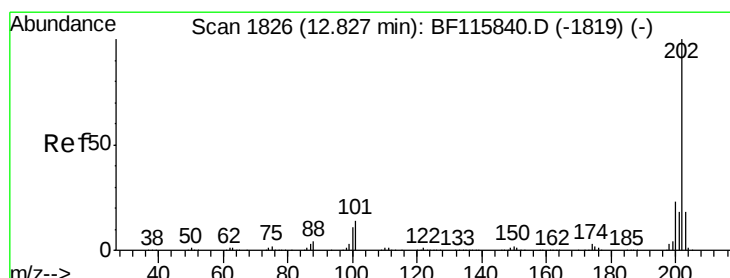
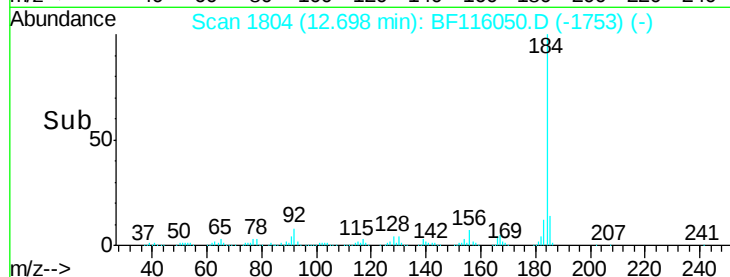
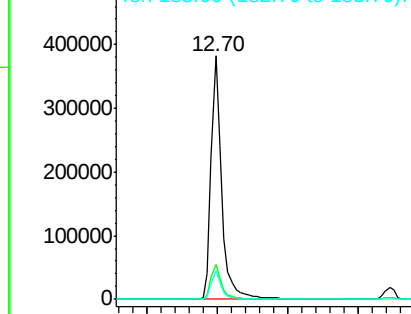
Tot Ion:	184	Resp:	399226
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.8	19.2
183	11.5	9.4	14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.909 ng

RT: 12.81 min Scan# 1823

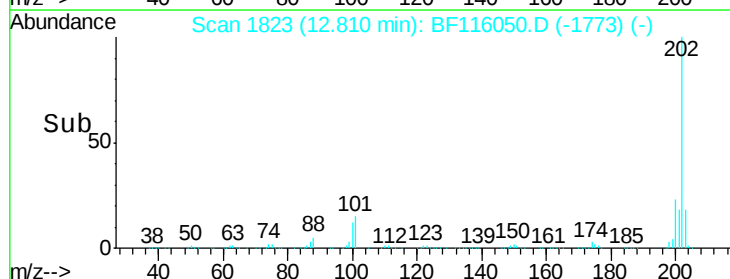
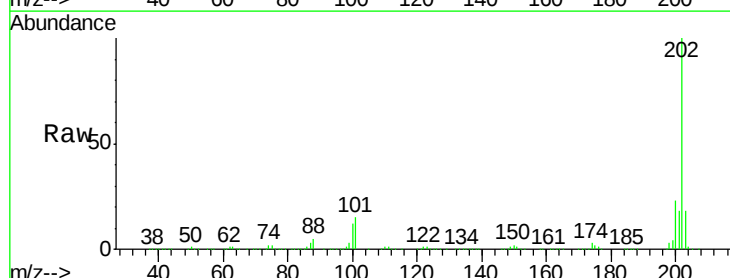
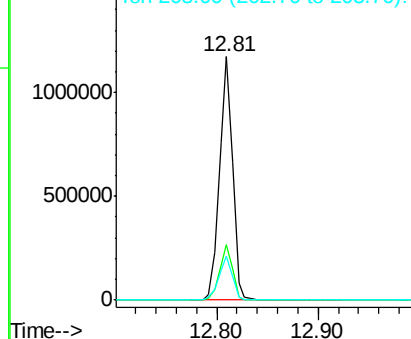
Delta R.T. -0.01 min

Lab File: BF116050.D

Acq: 7 Aug 2019 15:38

Tgt Ion:	202	Resp:	1054282
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.0	27.0
203	18.1	14.1	21.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





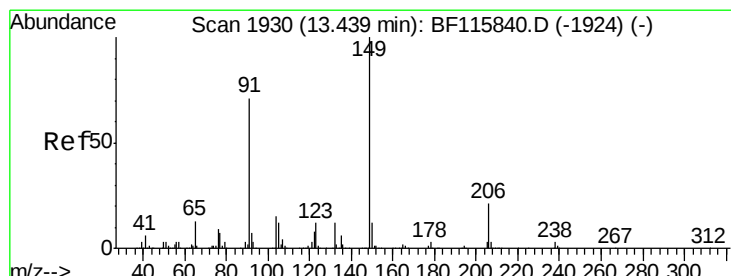
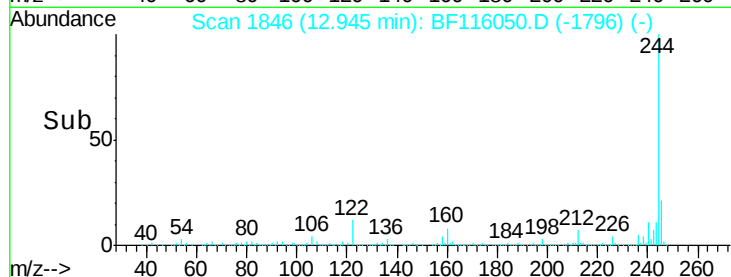
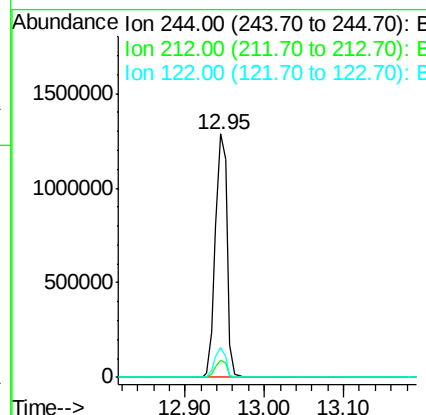
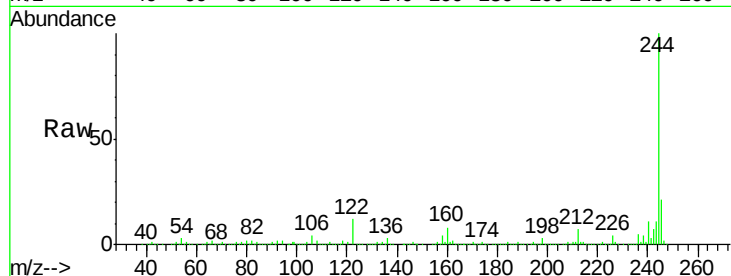
#79
 Terphenyl-d14
 Concen: 96.764 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.4	9.0	13.4

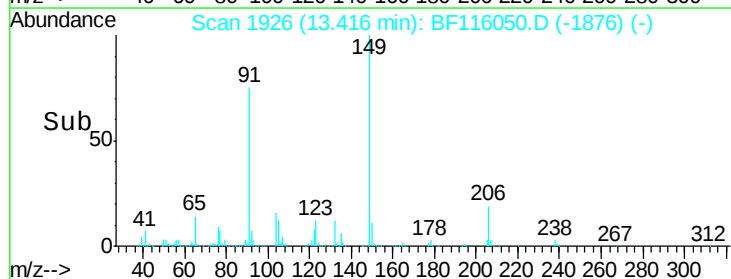
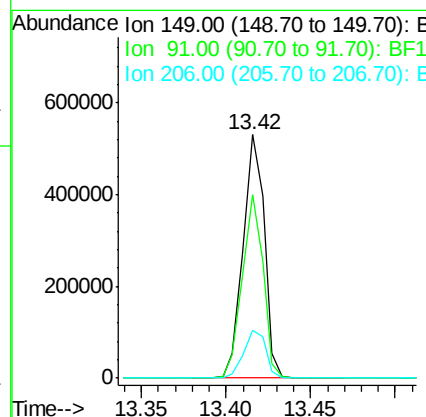
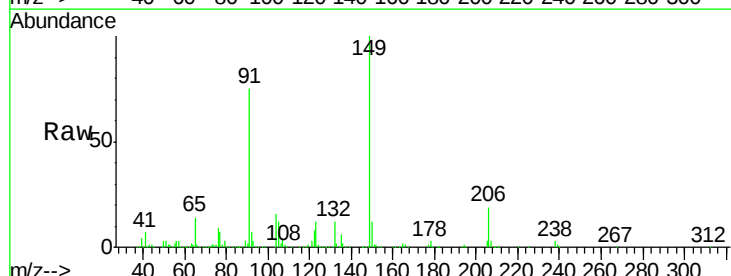
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#80
 Butylbenzylphthalate
 Concen: 51.099 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.3	84.5
206	19.5	18.0	27.0





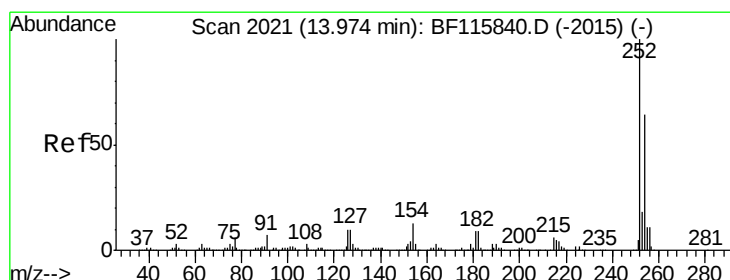
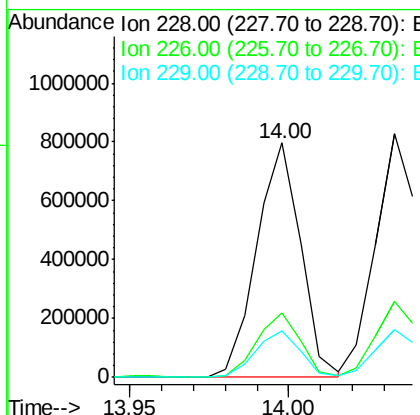
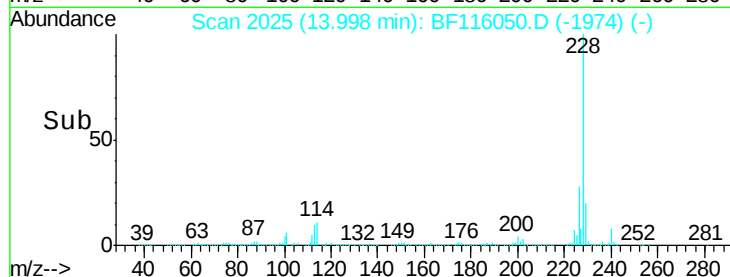
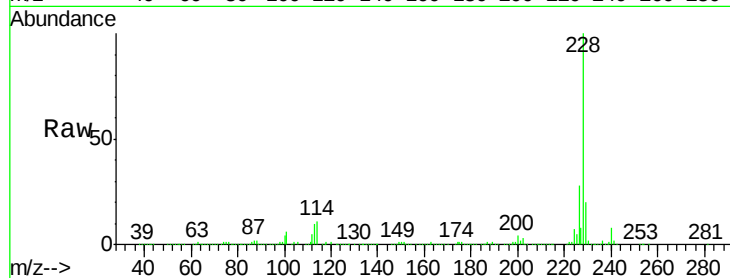
#81
Benzo(a)anthracene
Concen: 41.742 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	20.1	16.2	24.4

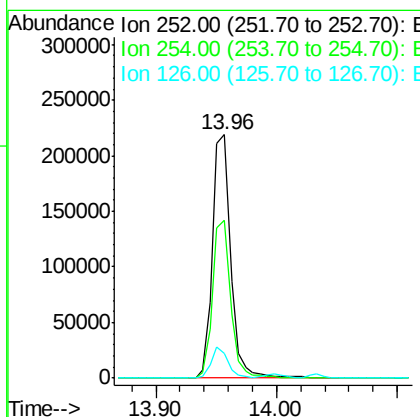
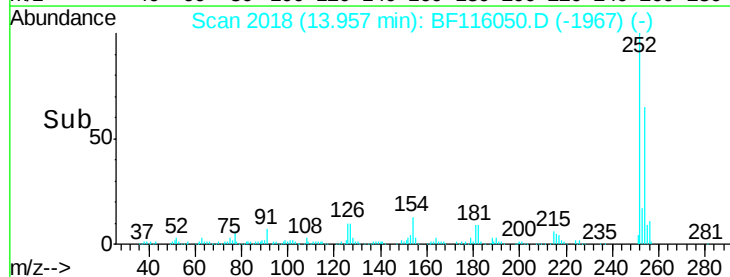
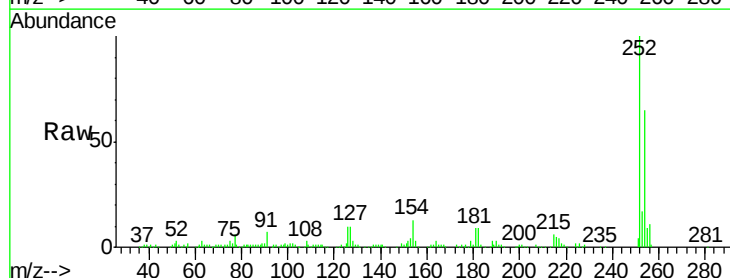
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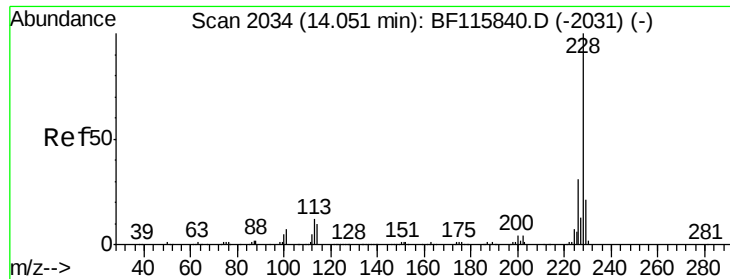
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#82
3,3'-Dichlorobenzidine
Concen: 35.840 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.9	76.3
126	10.4	9.8	14.8





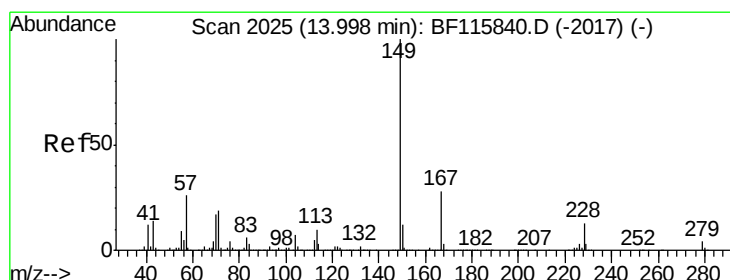
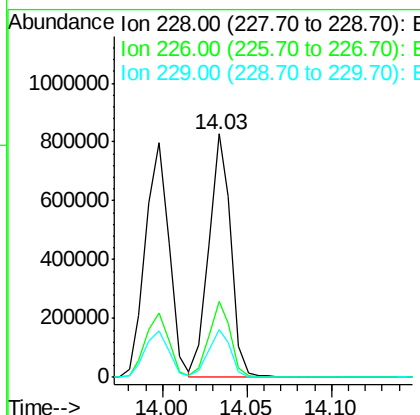
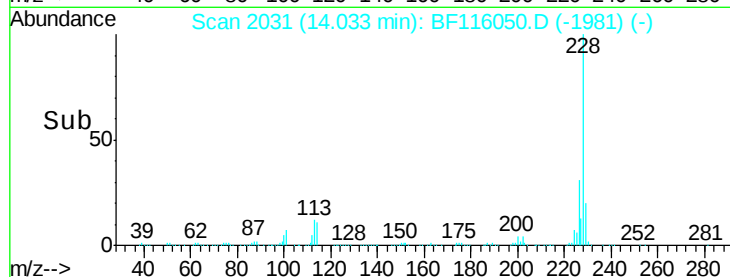
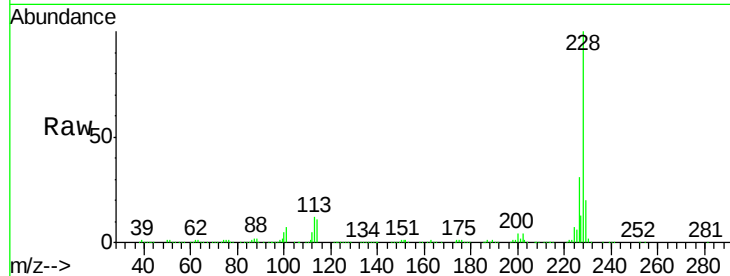
#83
 Chrvsene
 Concen: 42.327 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	19.8	16.6	24.8

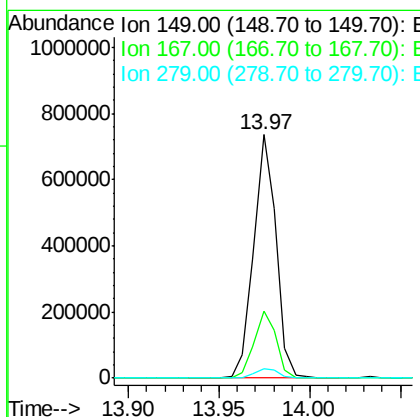
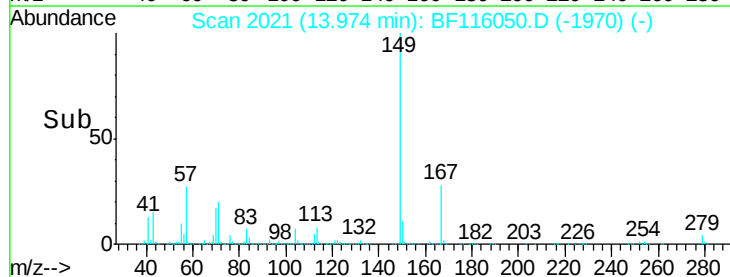
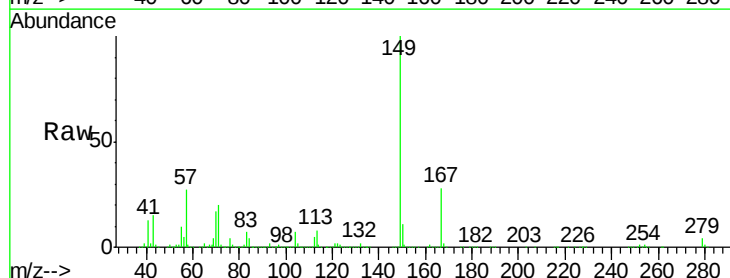
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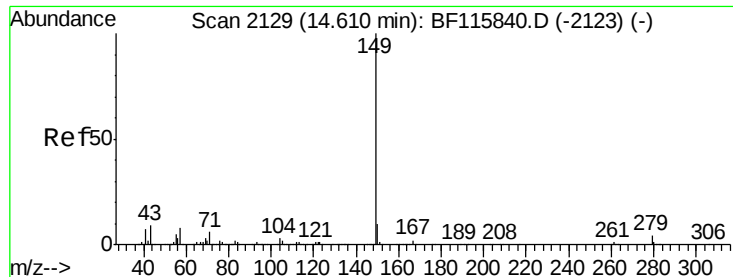
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.511 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF116050.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.6	32.4
279	3.8	3.0	4.4





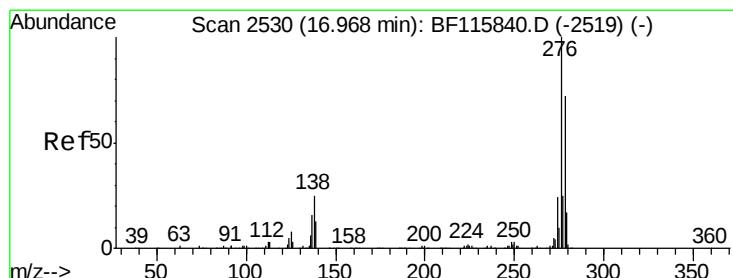
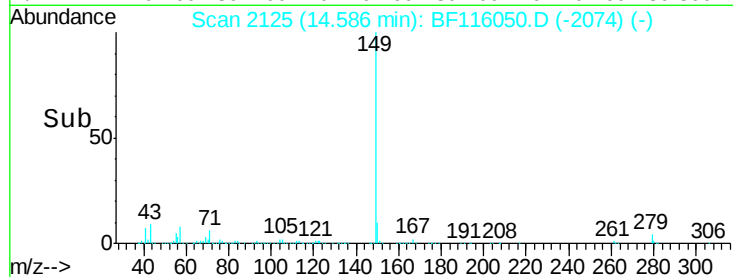
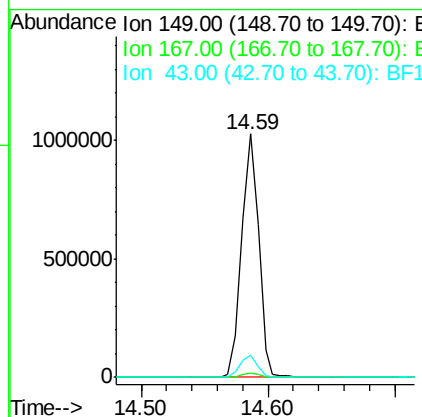
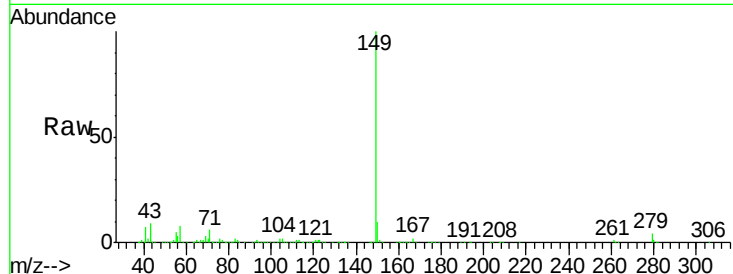
#85
Di-n-octyl phthalate
Concen: 50.258 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

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

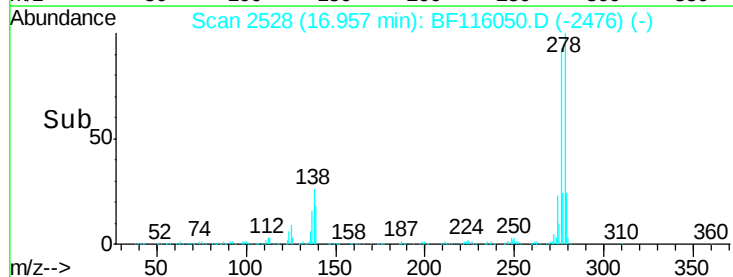
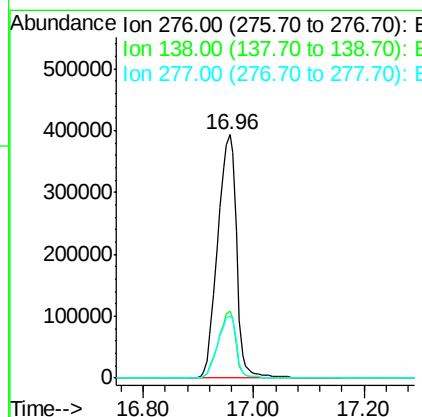
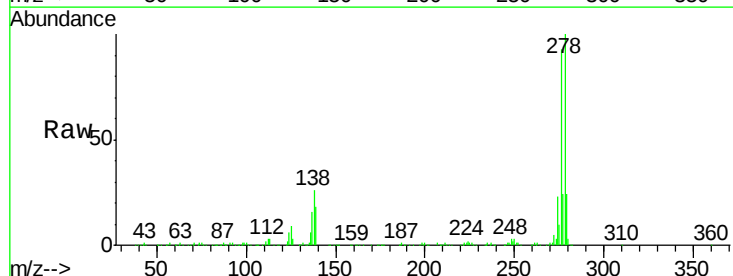
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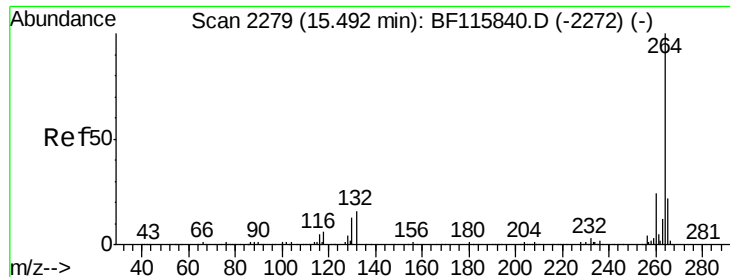
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#86
Indeno(1,2,3-cd)pyrene
Concen: 63.477 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.4	20.4	30.6
277	25.1	20.0	30.0





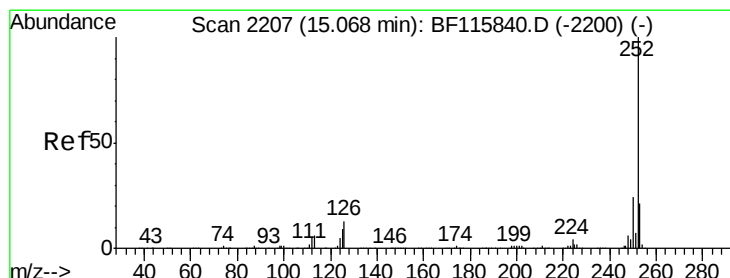
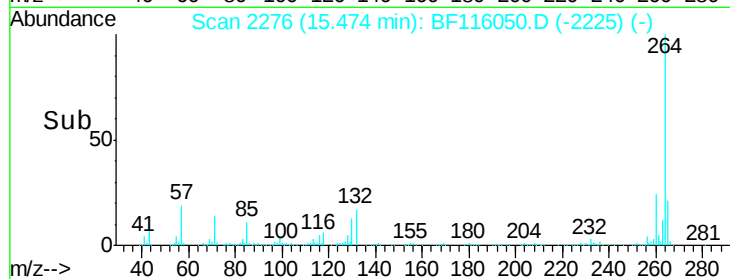
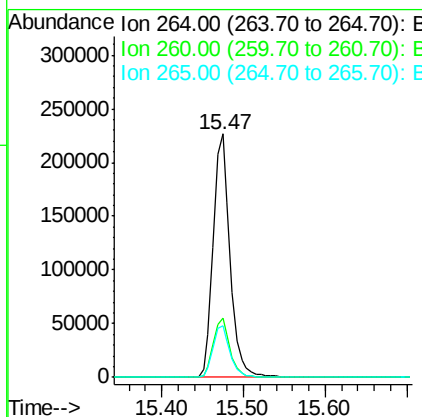
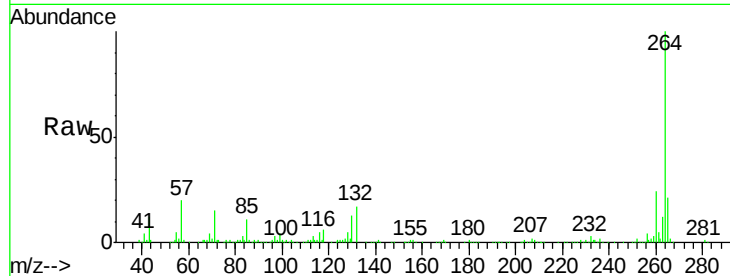
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.0	17.4	26.0

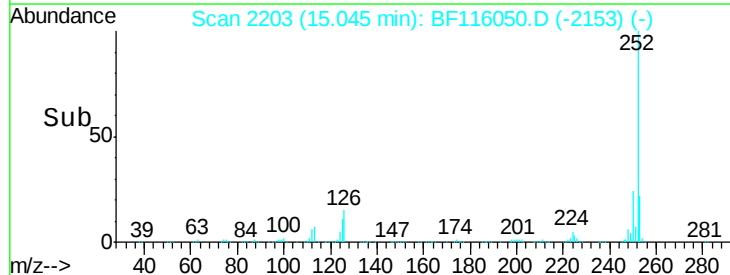
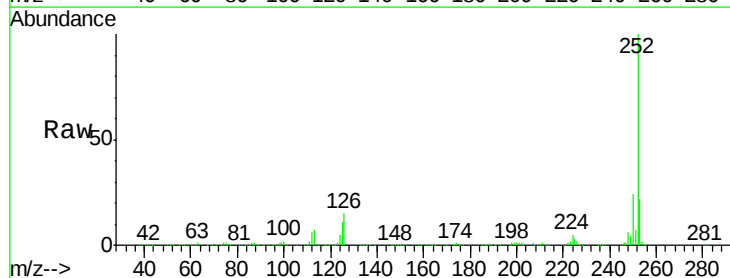
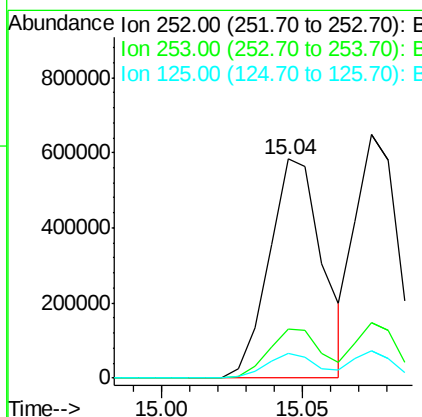
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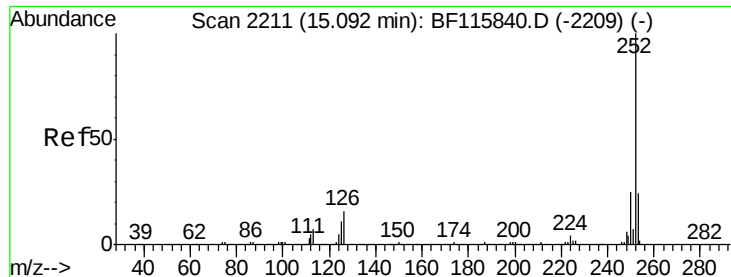
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#88
Benzo(b)fluoranthene
Concen: 40.504 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.2	8.4	12.6





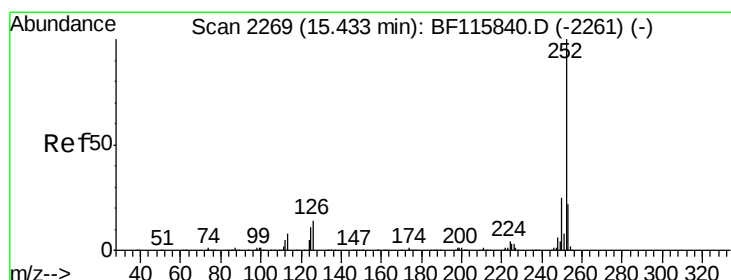
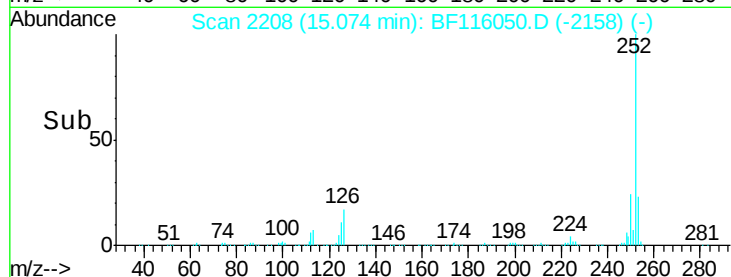
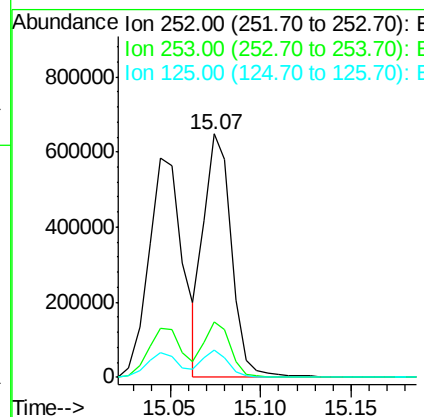
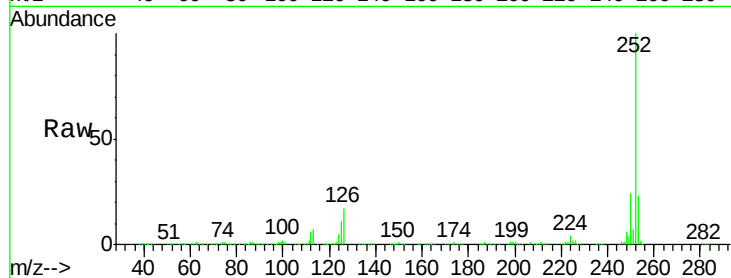
#89
Benzo(k)fluoranthene
Concen: 37.082 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.3	7.7	11.5

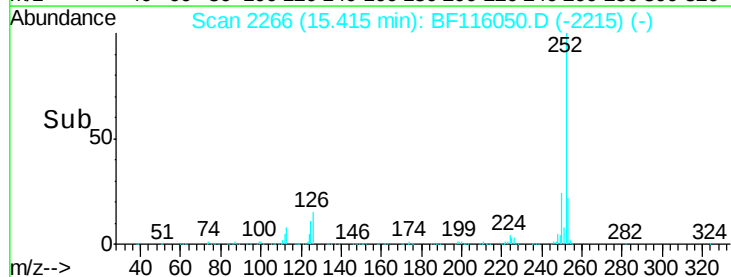
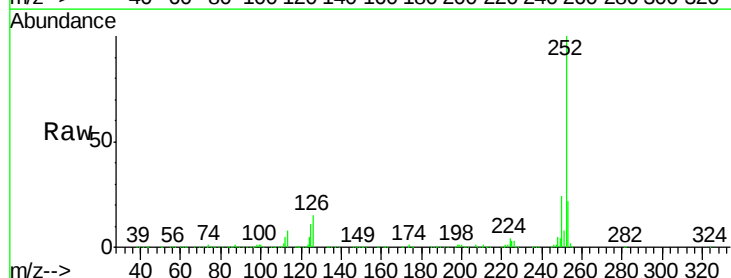
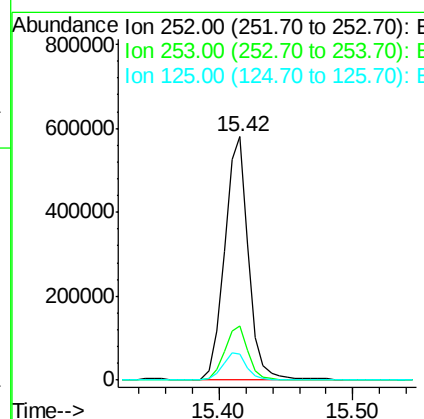
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#90
Benzo(a)pyrene
Concen: 43.207 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.9	8.9	13.3





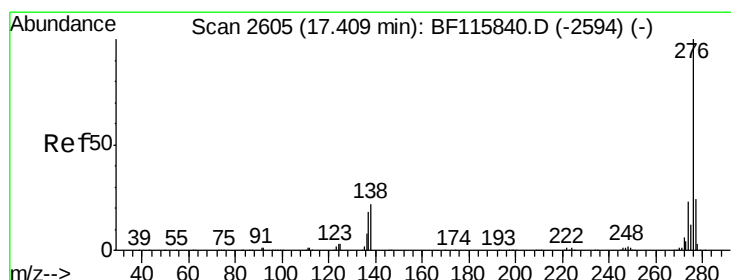
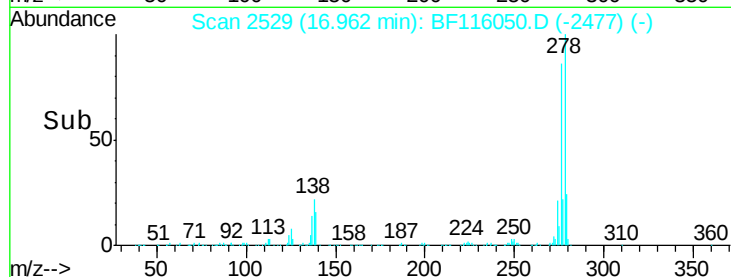
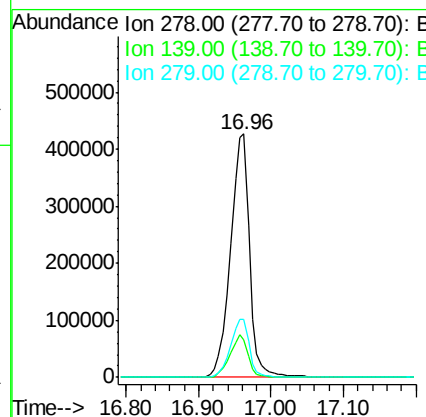
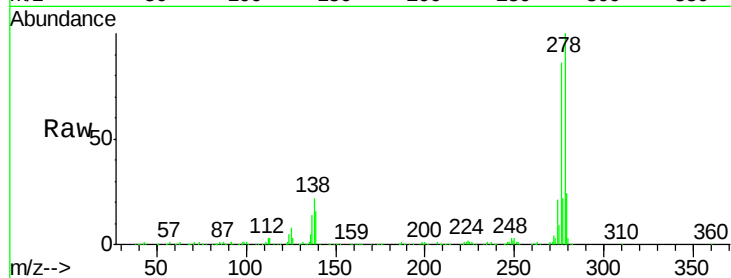
#91
Dibenzo(a,h)anthracene
Concen: 53.499 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.8	19.2
279	23.9	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 56.443 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BF116050.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.9	17.0	25.6

