

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116049.D
 Acq On : 7 Aug 2019 15:01
 Operator : HP/JU
 Sample : K4164-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Manual Integrations
 APPROVED

mohammad
 8/8/2019 4:46:48 PM

Quant Time: Aug 08 07:57:59 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	134496	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	532631	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	286111	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	483604	20.00	ng	0.00
76) Chrysene-d12	14.00	240	270411	20.00	ng	0.00
87) Perylene-d12	15.47	264	316523	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	924665	115.09	ng	0.00
7) Phenol-d6	6.49	99	1245070	122.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	780715	84.61	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	298418	107.58	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1131548	74.08	ng	0.00
79) Terphenyl-d14	12.95	244	1258650	98.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	129460	31.897	ng	99
3) Pyridine	3.42	79	339109	29.910	ng	100
4) n-Nitrosodimethylamine	3.36	42	158724	35.475	ng	97
6) Aniline	6.51	93	424617	29.250	ng	98
8) 2-Chlorophenol	6.63	128	357004	40.185	ng	97
9) Benzaldehyde	6.39	77	188476	26.948	ng	97
10) Phenol	6.50	94	461144	38.632	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	349155	39.785	ng	99
12) 1,3-Dichlorobenzene	6.79	146	385796	37.575	ng	98
13) 1,4-Dichlorobenzene	6.86	146	394754	38.399	ng	97
14) 1,2-Dichlorobenzene	7.02	146	366877	38.757	ng	100
15) Benzyl Alcohol	6.99	79	310880	40.413	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	462572	38.643	ng	98
17) 2-Methylphenol	7.10	107	303343	40.324	ng	99
18) Hexachloroethane	7.36	117	142718	37.706	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	251104	39.976	ng	97
20) 3+4-Methylphenols	7.26	107	374754	42.097	ng	95
22) Acetophenone	7.25	105	490102	41.956	ng	99
24) Nitrobenzene	7.43	77	401510	40.299	ng	99
25) Isophorone	7.67	82	729186	41.327	ng	100
26) 2-Nitrophenol	7.75	139	197544	42.061	ng	95
27) 2,4-Dimethylphenol	7.78	122	327396	46.335	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	446188	40.800	ng	99
29) 2,4-Dichlorophenol	7.99	162	316351	42.403	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	337666	39.705	ng	99
31) Naphthalene	8.15	128	1047691	41.800	ng	99
32) Benzoic acid	7.89	122	27917	5.604	ng	# 87
33) 4-Chloroaniline	8.19	127	305128	27.246	ng	99
34) Hexachlorobutadiene	8.26	225	189054	38.594	ng	99
35) Caprolactam	8.56	113	86722m	35.940	ng	
36) 4-Chloro-3-methylphenol	8.69	107	331150	42.666	ng	97
37) 2-Methylnaphthalene	8.84	142	702158	42.537	ng	98
38) 1-Methylnaphthalene	8.93	142	656988	42.070	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	322037	42.102	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	148509	45.969	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	204557	38.853	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	219072	40.254	nq	99
46) 1,1'-Biphenyl	9.30	154	855509	42.353	nq	99
47) 2-Chloronaphthalene	9.33	162	672023	39.973	nq	99
48) 2-Nitroaniline	9.42	65	217174	39.082	nq	90
49) Acenaphthylene	9.74	152	1036139	42.245	nq	98
50) Dimethylphthalate	9.60	163	1039238	53.346	nq	100
51) 2,6-Dinitrotoluene	9.66	165	177089	41.830	nq	# 83
52) Acenaphthene	9.92	154	614415	40.833	nq	100
53) 3-Nitroaniline	9.83	138	155651	29.755	nq	97
54) 2,4-Dinitrophenol	9.96	184	35777	22.805	nq	94
55) Dibenzofuran	10.09	168	910427	41.606	nq	99
56) 4-Nitrophenol	10.01	139	230126	68.673	nq	91
57) 2,4-Dinitrotoluene	10.07	165	226780	40.233	nq	97
58) Fluorene	10.43	166	710570	42.207	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	166314	36.324	nq	98
60) Diethylphthalate	10.30	149	768904	42.275	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	355013	41.637	nq	98
62) 4-Nitroaniline	10.45	138	196482	36.345	nq	99
63) Azobenzene	10.57	77	786704	42.053	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	59232	23.112	nq	84
66) n-Nitrosodiphenylamine	10.54	169	634598	43.597	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	219885	42.474	nq	97
68) Hexachlorobenzene	10.98	284	243482	40.673	nq	98
69) Atrazine	11.06	200	193995	40.511	nq	99
70) Pentachlorophenol	11.18	266	137901	47.448	nq	98
71) Phenanthrene	11.39	178	1032352	41.757	nq	100
72) Anthracene	11.45	178	1069994	42.764	nq	99
73) Carbazole	11.60	167	950706	41.882	nq	99
74) Di-n-butylphthalate	11.92	149	1172292	44.270	nq	99
75) Fluoranthene	12.58	202	1027622	39.704	nq	99
77) Benzidine	12.70	184	374080	40.947	nq	98
78) Pyrene	12.81	202	1025711	50.319	nq	100
80) Butylbenzylphthalate	13.42	149	430019	49.872	nq	96
81) Benzo(a)anthracene	14.00	228	741708	42.914	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	218443	36.379	nq	99
83) Chrysene	14.03	228	714306	42.569	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	574384	51.262	nq	98
85) Di-n-octyl phthalate	14.58	149	854644	48.021	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	921333	65.374	nq	100
88) Benzo(b)fluoranthene	15.04	252	706870	38.623	nq	99
89) Benzo(k)fluoranthene	15.07	252	677431	38.002	nq	100
90) Benzo(a)pyrene	15.41	252	705127	43.100	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	771903	54.507	nq	99
92) Benzo(g,h,i)perylene	17.39	276	789405	56.759	nq	99

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

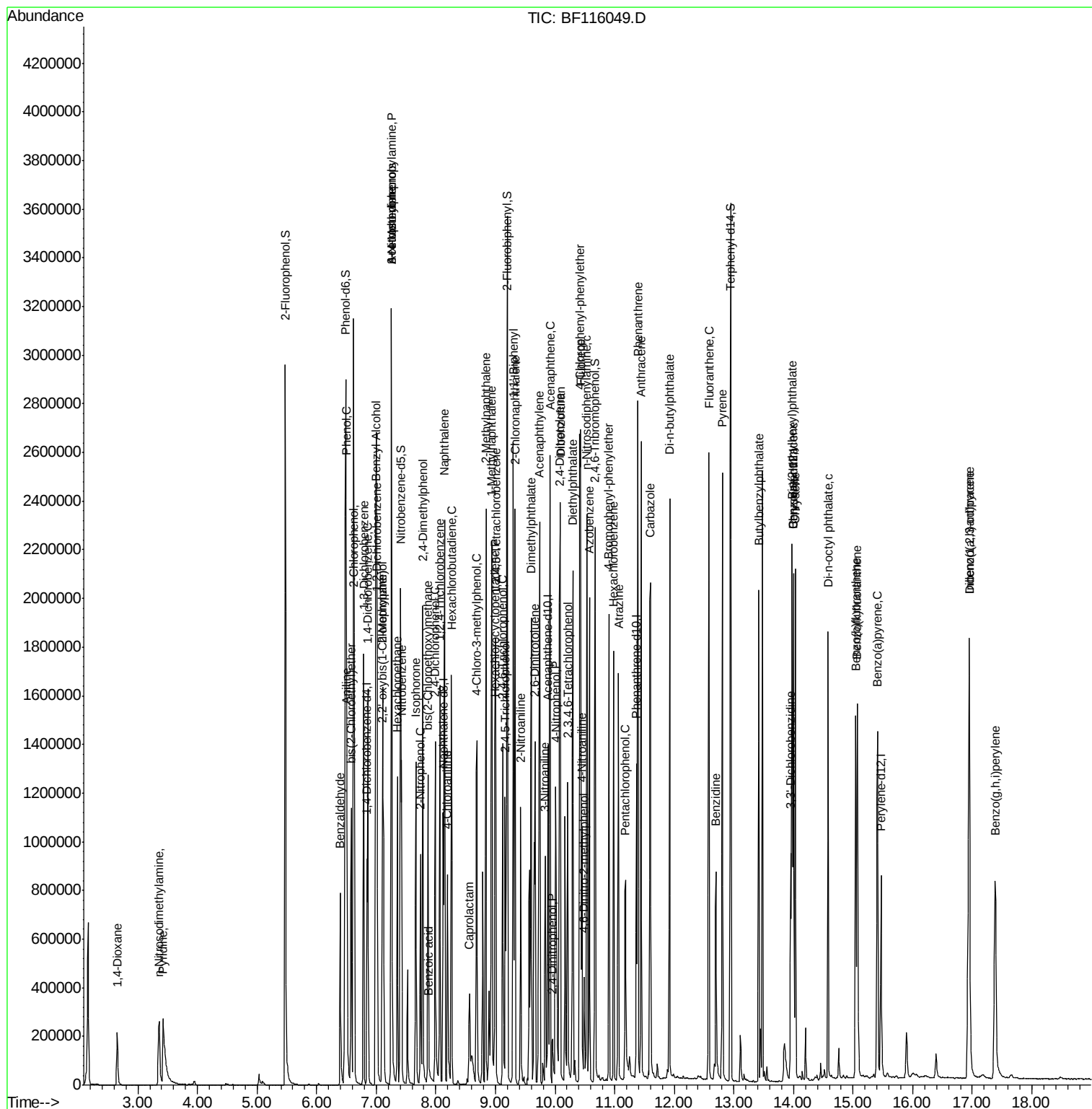
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#1

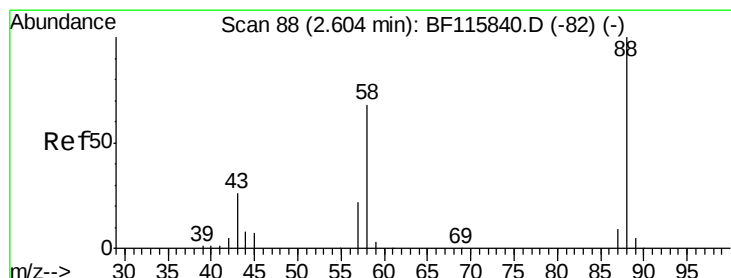
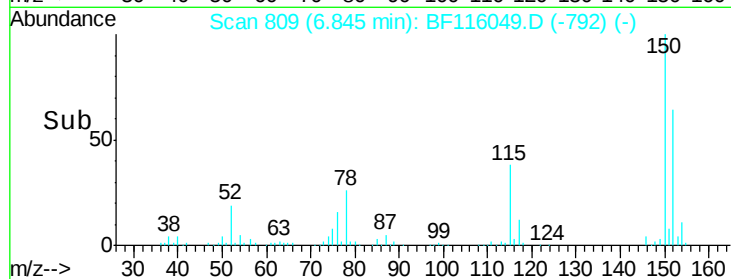
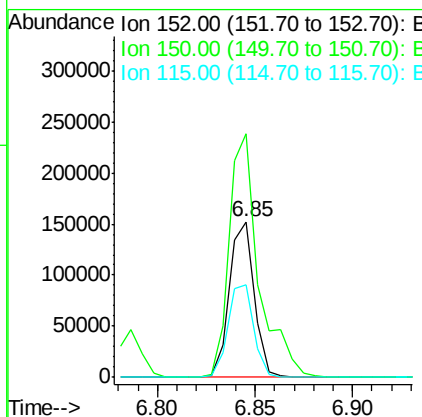
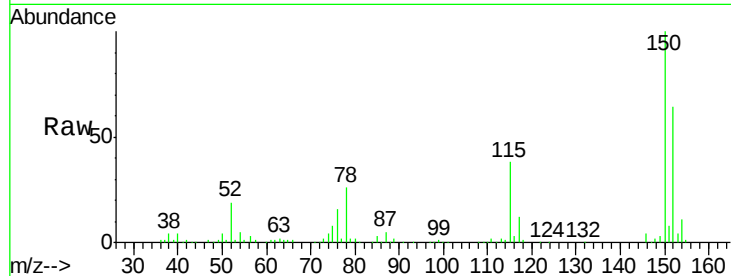
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	59.5	49.9	74.9

Manual Integrations
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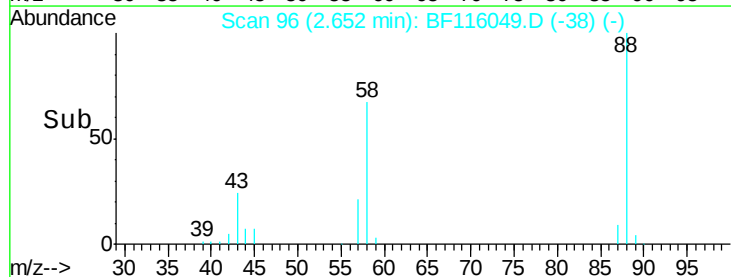
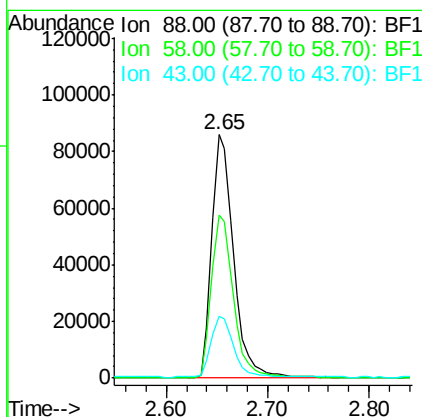
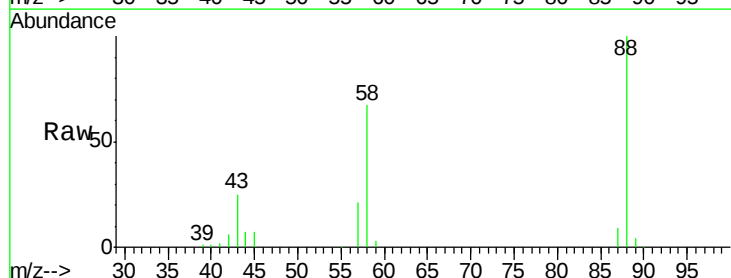
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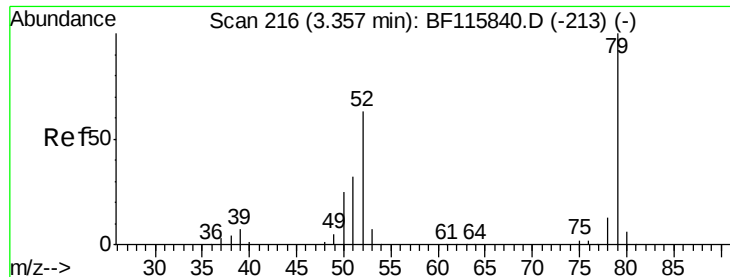


#2

1,4-Dioxane
Concen: 31.897 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.04 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	53.7	80.5
43	25.9	21.0	31.4





#3

Pvridine

Concen: 29.910 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

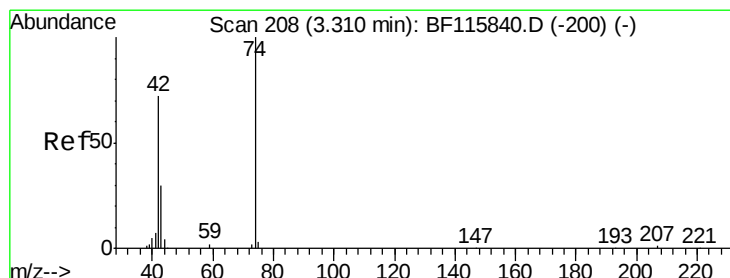
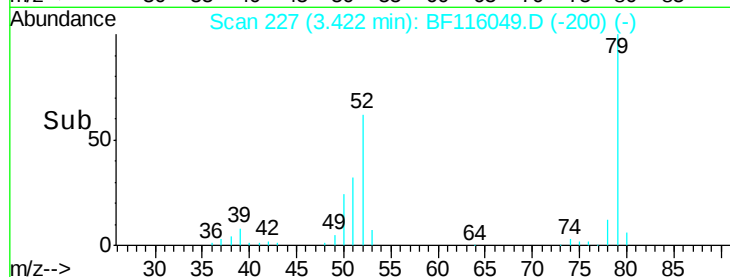
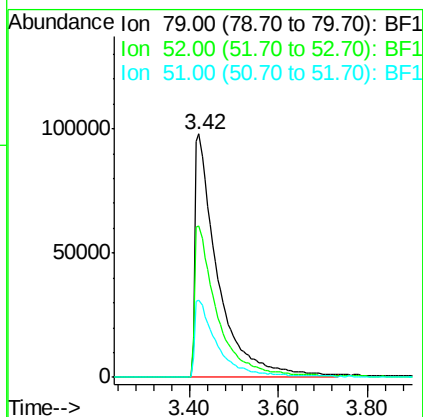
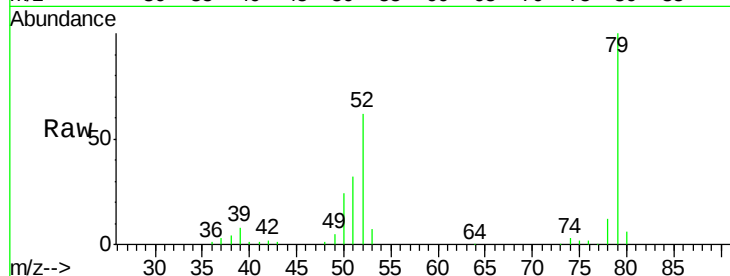
ClientSampled :

RBR-200051MS

Tot Ion:	79	Resp:	339109
Ion Ratio	Lower	Upper	
79	100		
52	62.0	49.8	74.8
51	31.5	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.475 ng

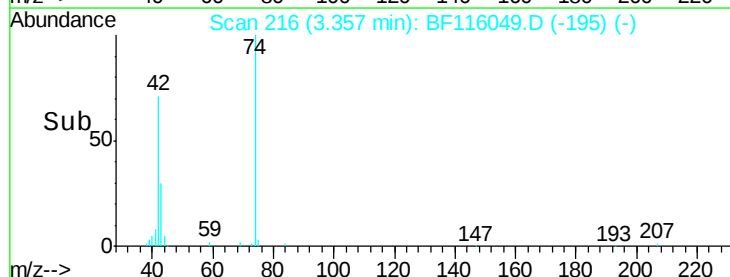
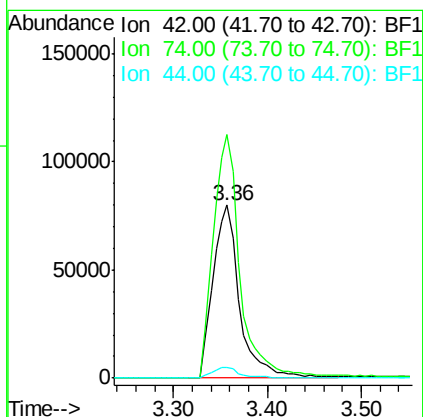
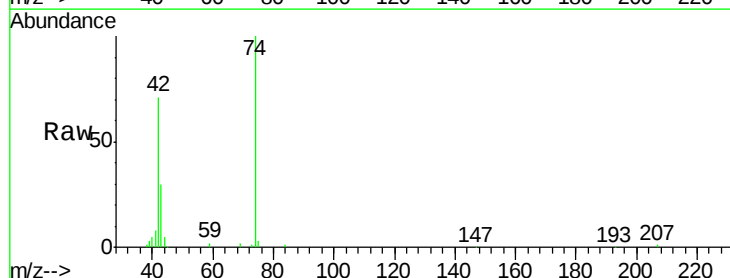
RT: 3.36 min Scan# 216

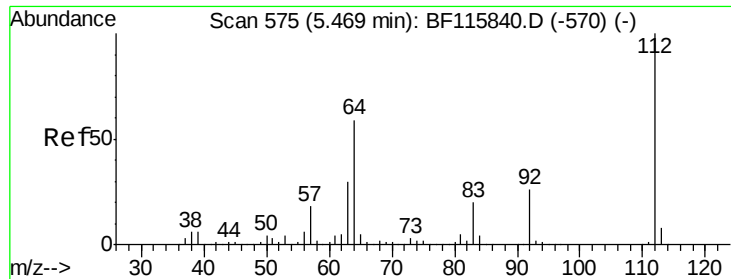
Delta R.T. 0.02 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Tgt Ion:	42	Resp:	158724
Ion Ratio	Lower	Upper	
42	100		
74	141.0	116.0	174.0
44	6.5	4.6	7.0





#5

2-Fluorophenol

Concen: 115.092 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

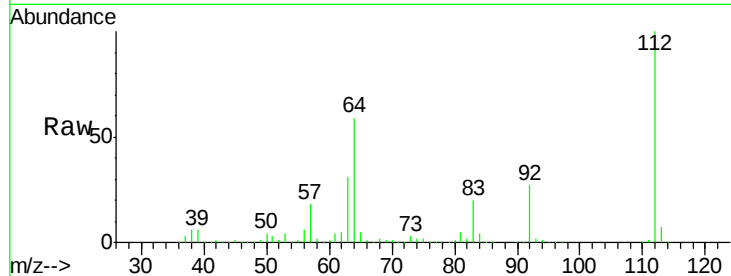
ClientSampleId :

RBR-200051MS

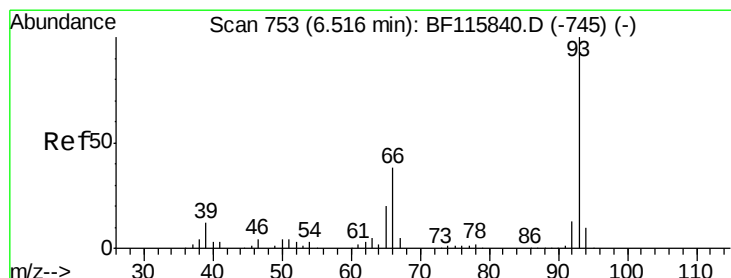
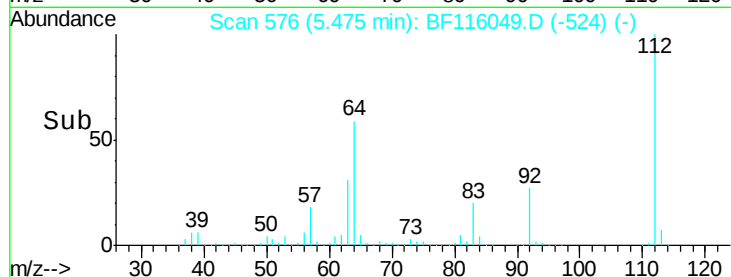
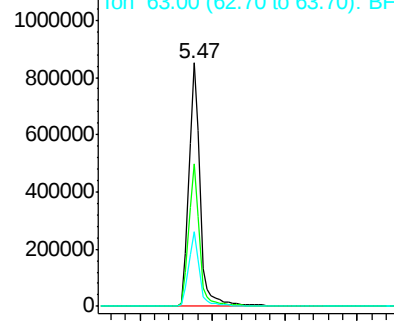
Tot Ion:	112	Resp:	924665
Ion Ratio	Lower	Upper	
112	100		
64	58.5	45.4	68.2
63	30.6	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF116049.D (-524) (-)



#6

Aniline

Concen: 29.250 ng

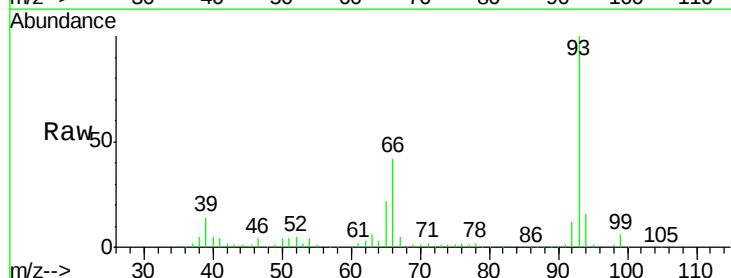
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

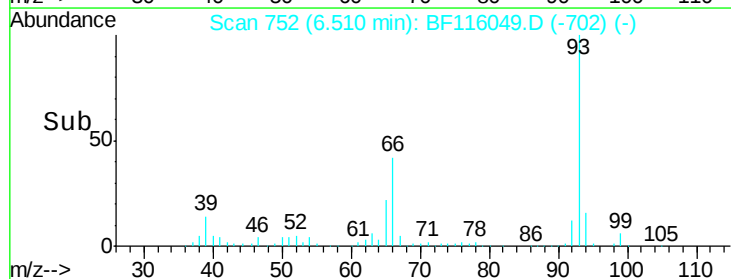
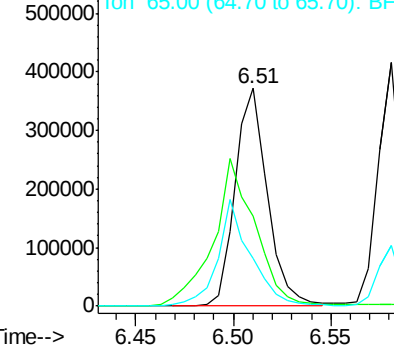
Lab File: BF116049.D

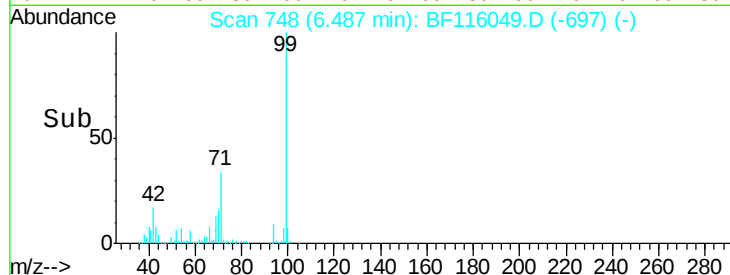
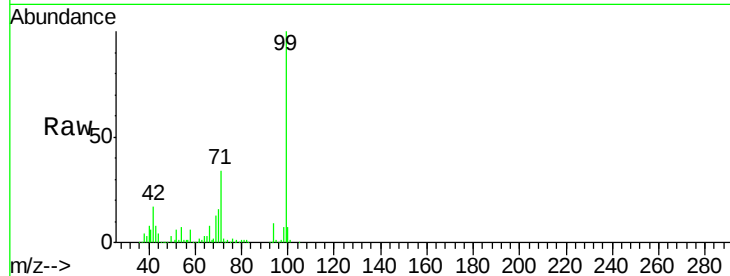
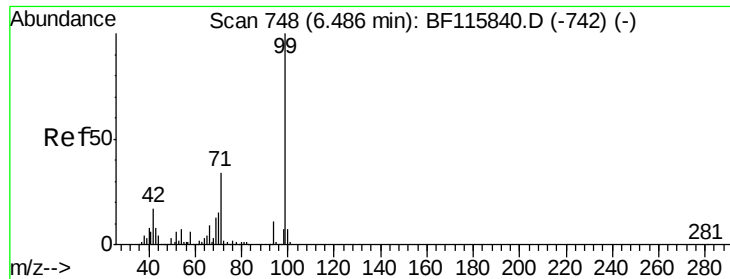
Acq: 7 Aug 2019 15:01

Tgt Ion:	93	Resp:	424617
Ion Ratio	Lower	Upper	
93	100		
66	41.5	32.2	48.4
65	22.2	17.0	25.6



Abundance Ion 93.00 (92.70 to 93.70): BF116049.D (-702) (-)





#7

Phenol-d6

Concen: 122.831 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Tot Ion: 99 Resp: 1245070

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

71 34.3 27.3 40.9

Instrument :

BNA_F

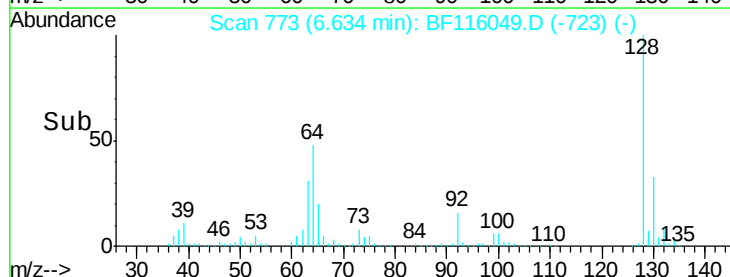
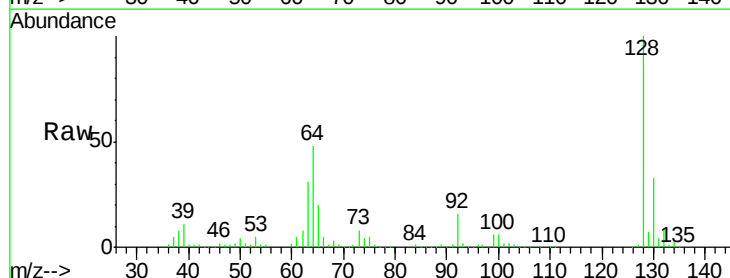
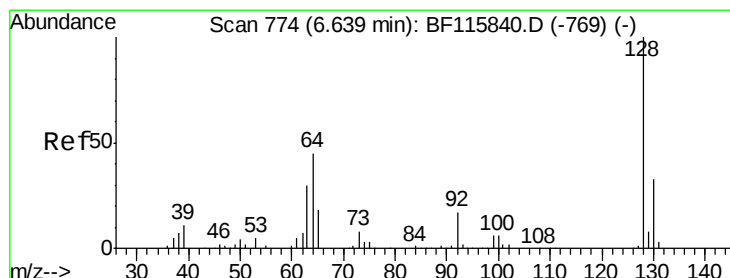
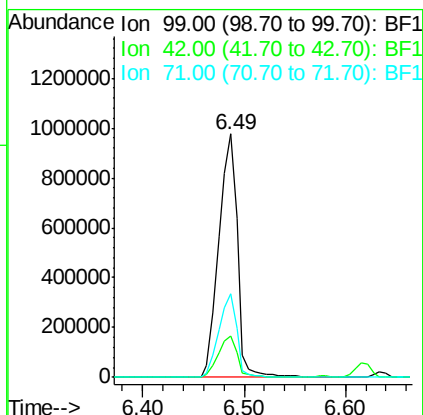
ClientSampleId :

RBR-200051MS

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.185 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

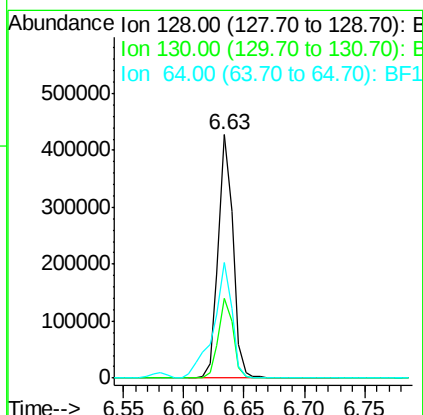
Tgt Ion: 128 Resp: 357004

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 47.7 24.3 64.3





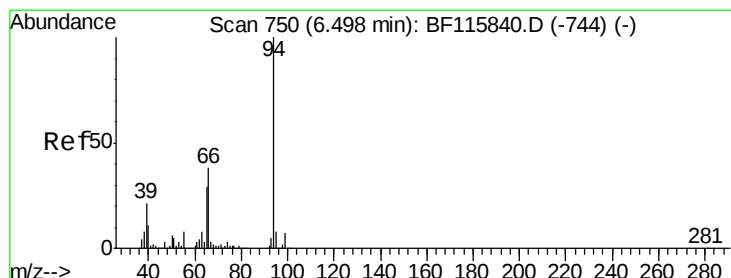
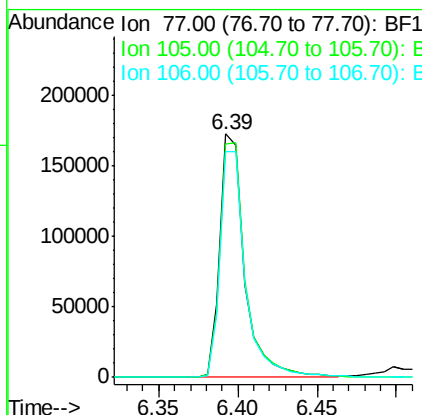
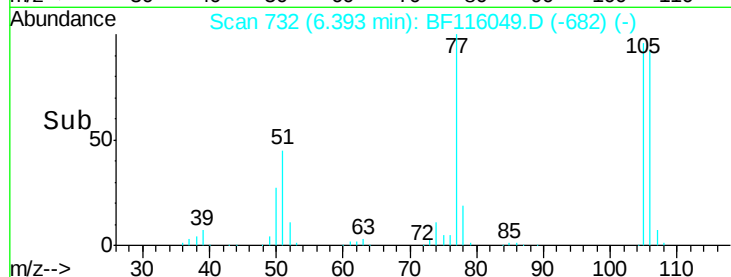
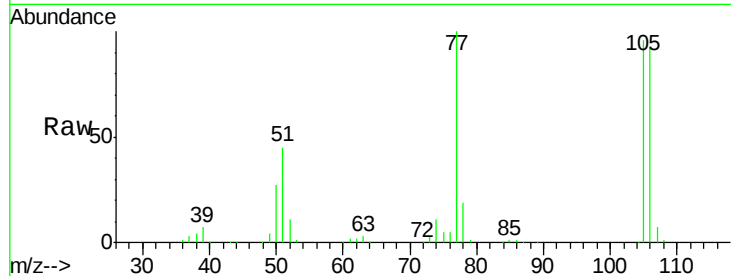
#9
Benzaldehyde
Concen: 26.948 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	95.8	79.2	119.2		
106	92.5	74.3	114.3		

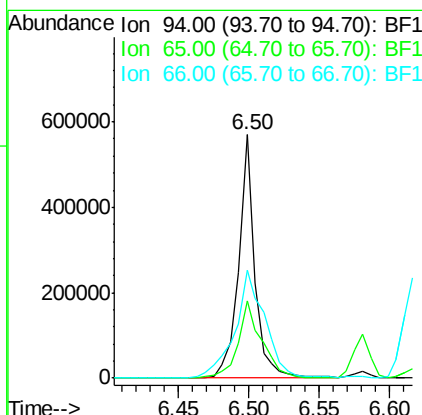
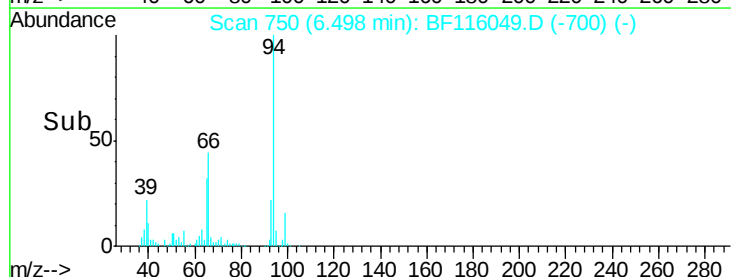
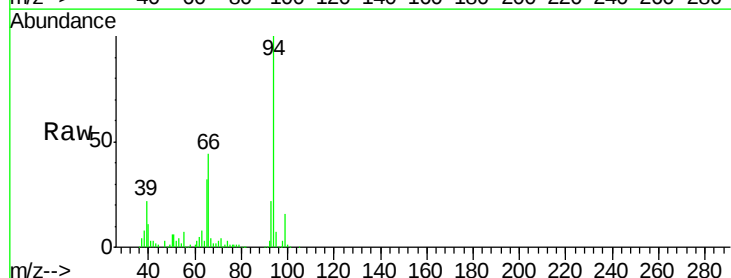
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#10
Phenol
Concen: 38.632 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.9	16.8	56.8		
66	44.4	34.2	74.2		





#11

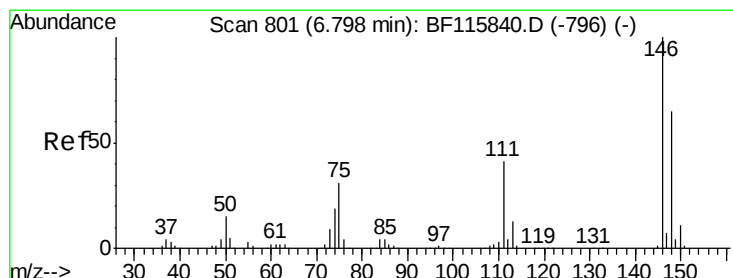
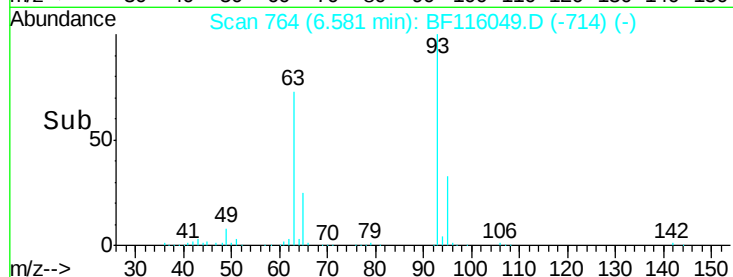
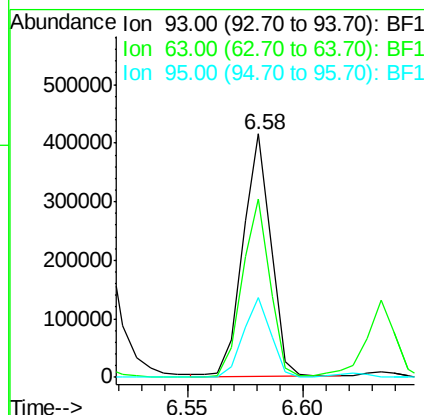
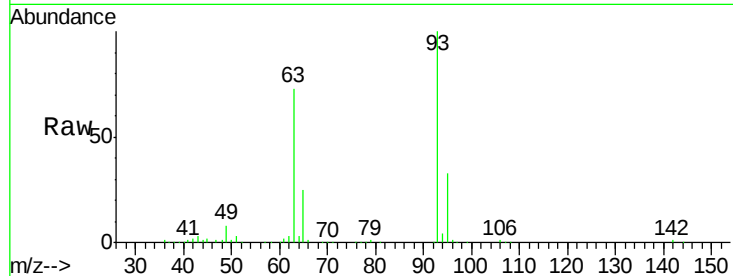
bis(2-Chloroethyl)ether
Concen: 39.785 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion:	93	Resp:	349155
Ion	Ratio	Lower	Upper
93	100		
63	73.4	51.9	91.9
95	32.8	13.0	53.0

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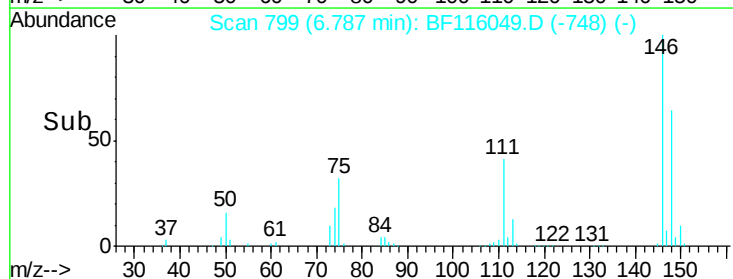
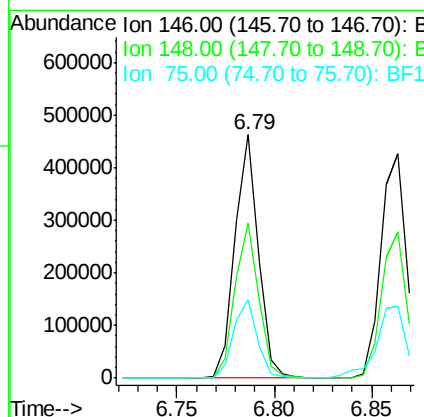
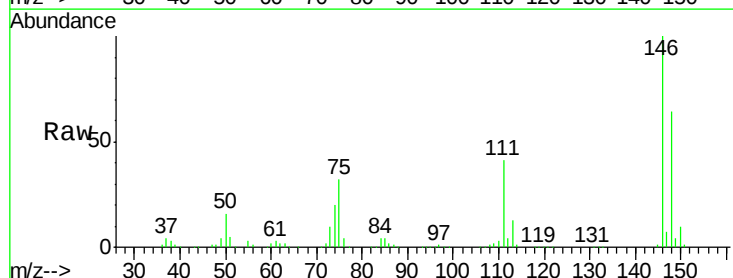
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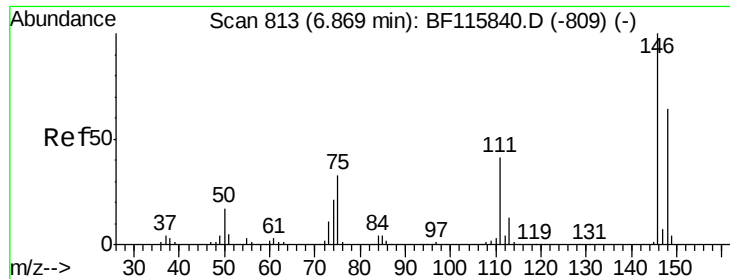


#12

1,3-Dichlorobenzene
Concen: 37.575 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion:	146	Resp:	385796
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	32.2	27.4	41.2





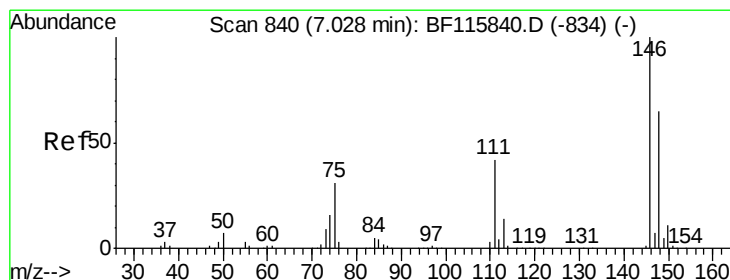
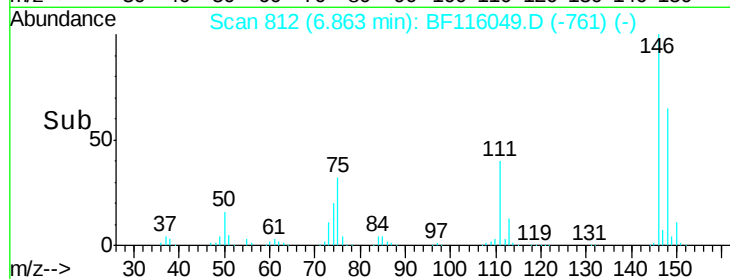
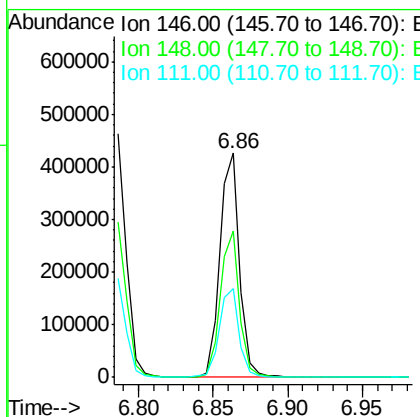
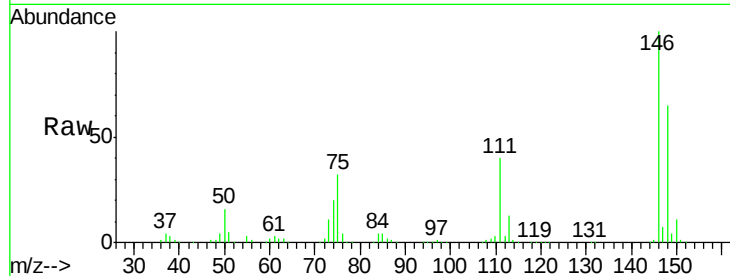
#13
 1,4-Dichlorobenzene
 Concen: 38.399 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.3	76.9
111	39.6	34.0	51.0

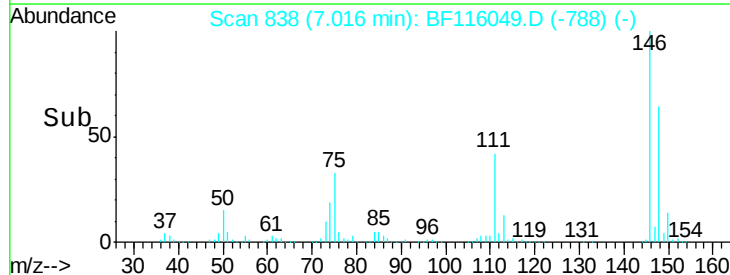
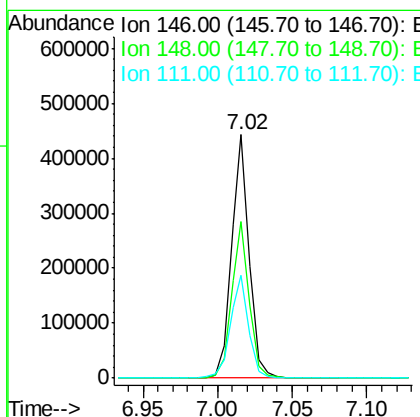
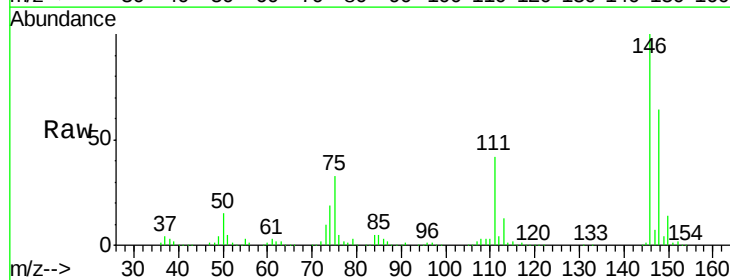
Manual Integrations
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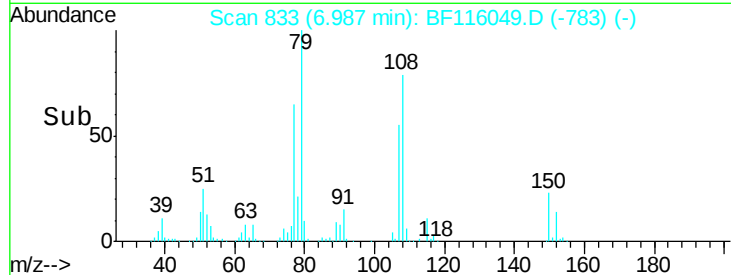
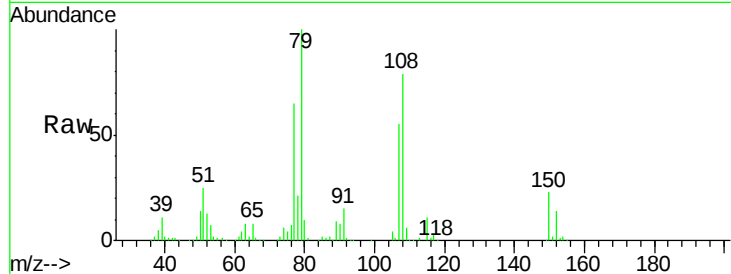
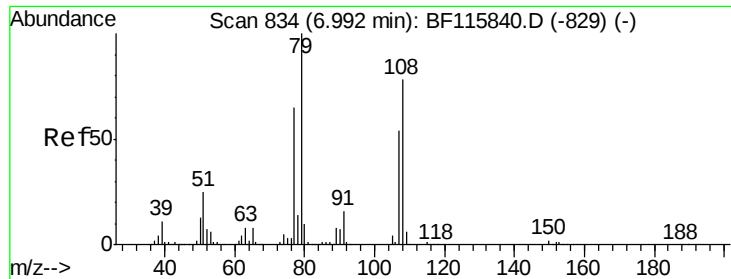
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#14
 1,2-Dichlorobenzene
 Concen: 38.757 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	42.1	33.5	50.3





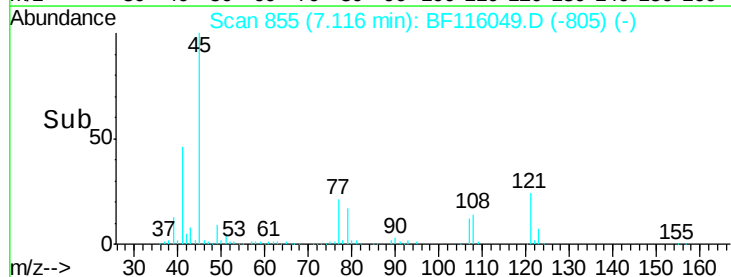
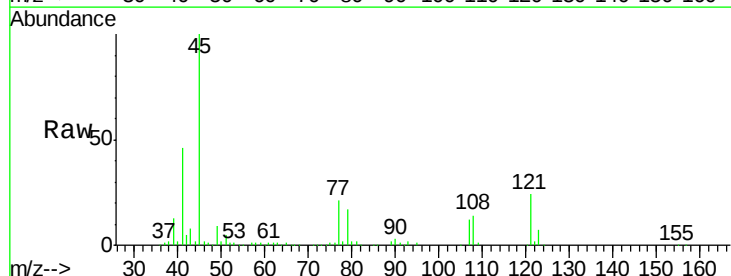
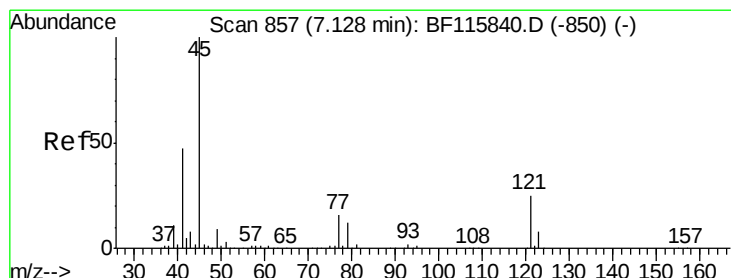
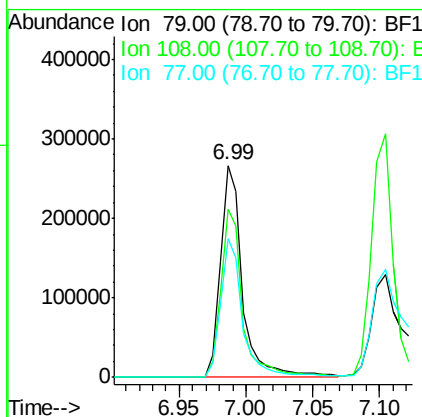
#15
Benzyl Alcohol
Concen: 40.413 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.1	62.7	94.1	
77	65.5	52.2	78.2	

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

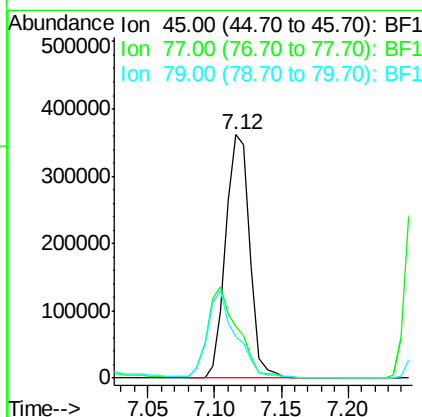
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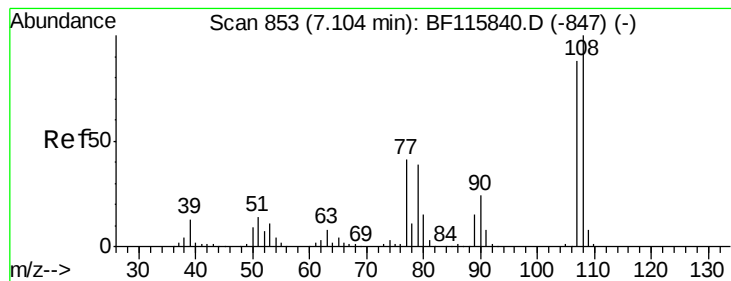
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.643 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	20.9	0.0	40.0	
79	17.0	0.0	35.9	





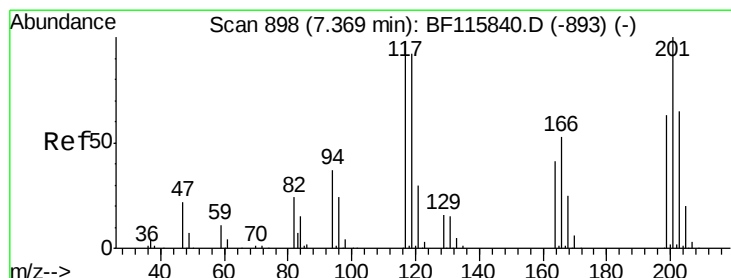
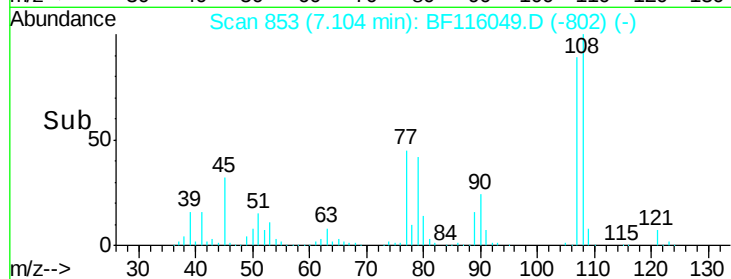
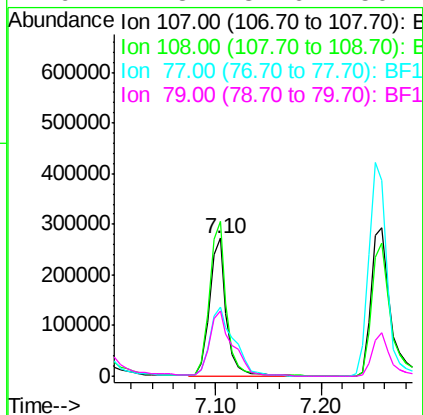
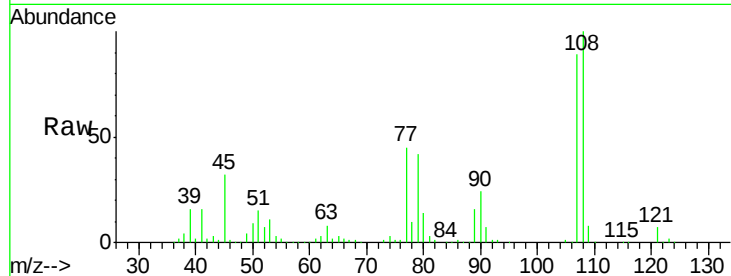
#17
2-Methylphenol
Concen: 40.324 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	107	Resp	303343
Ion Ratio	Lower	Upper	
107	100		
108	112.5	91.2	136.8
77	50.1	40.3	60.5
79	47.8	37.6	56.4

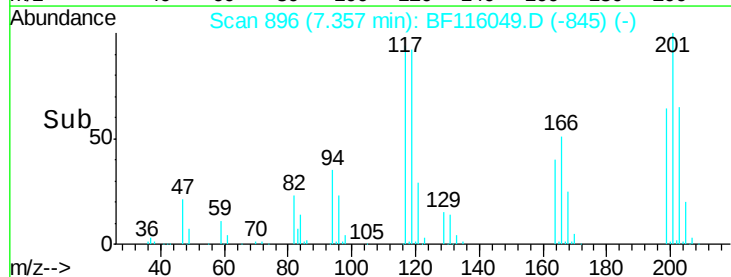
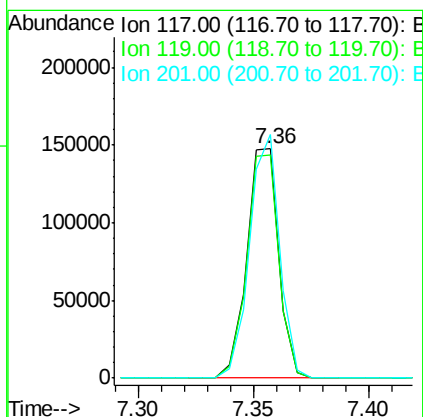
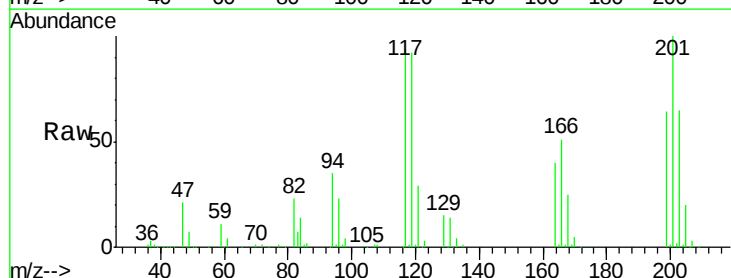
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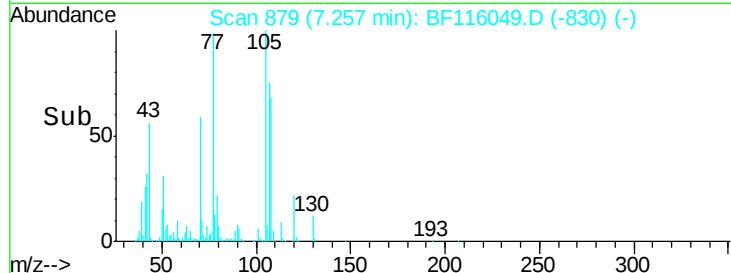
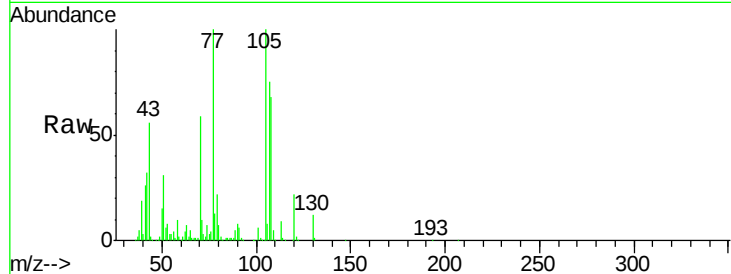
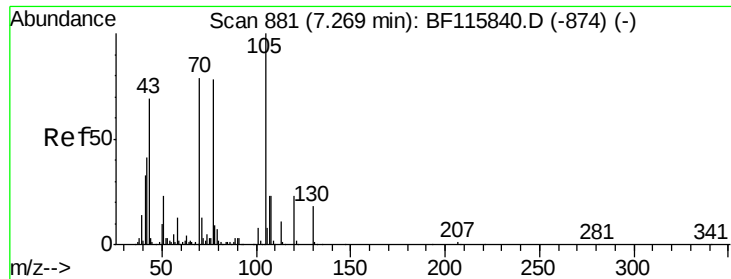
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#18
Hexachloroethane
Concen: 37.706 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	117	Resp	142718
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.1	114.1
201	106.2	77.0	115.4





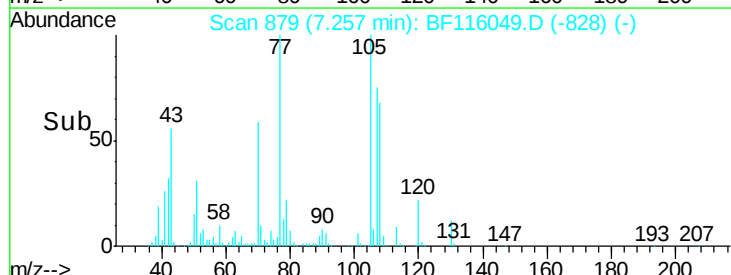
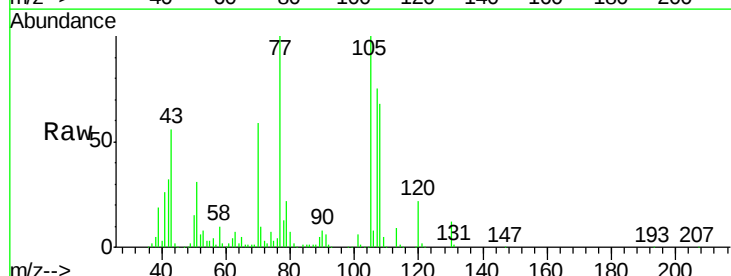
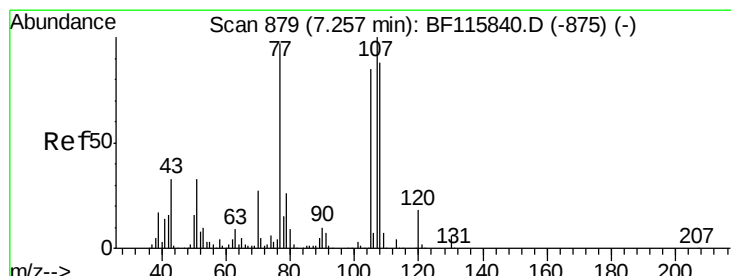
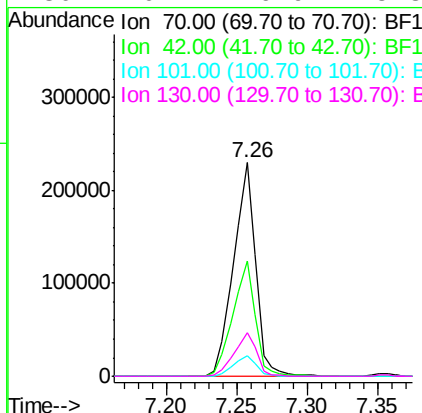
#19
n-Nitroso-di-n-propylamine
Concen: 39.976 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	40.9	61.3
101	9.4	7.9	11.9
130	20.7	16.9	25.3

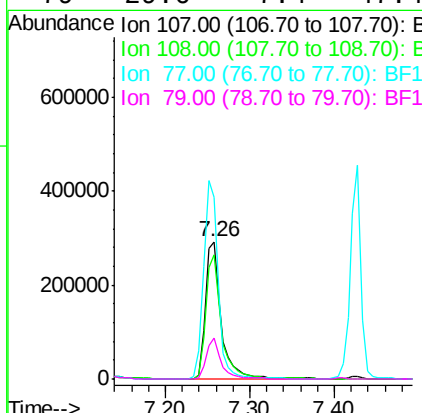
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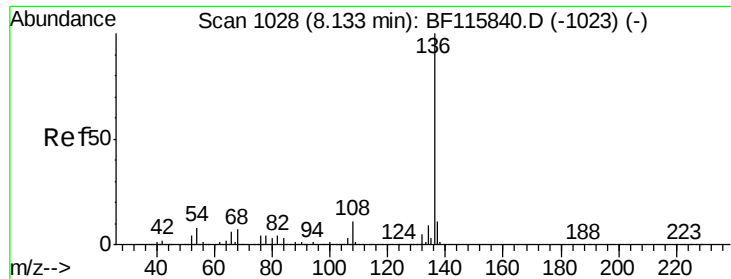
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#20
3+4-Methylphenols
Concen: 42.097 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.6	107.6
77	132.4	104.4	144.4
79	29.6	7.4	47.4





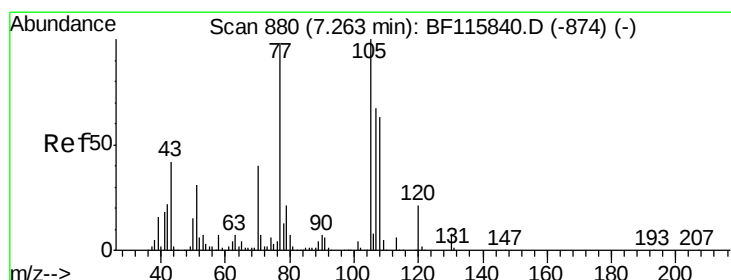
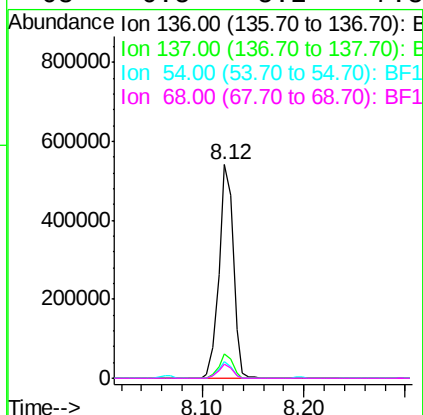
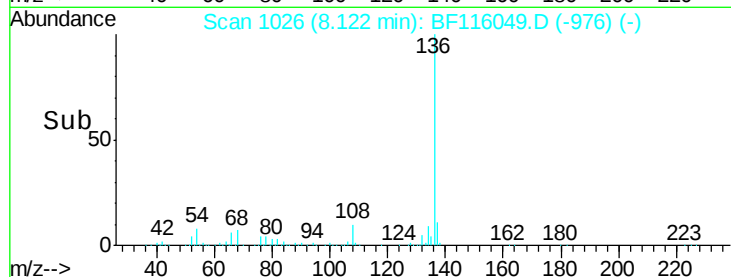
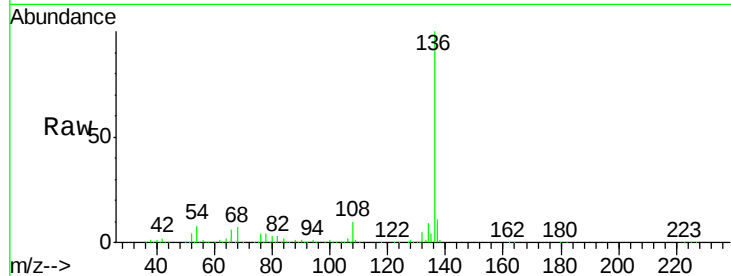
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	532631		
137	11.3		9.0	13.4
54	7.5		5.8	8.6
68	6.5		5.2	7.8

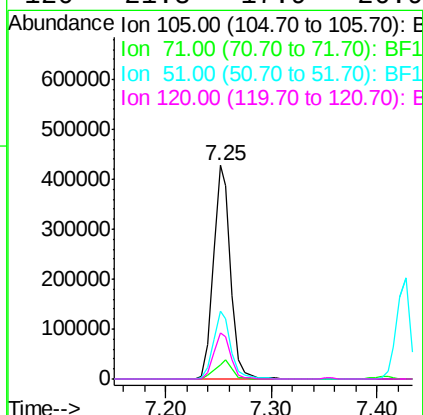
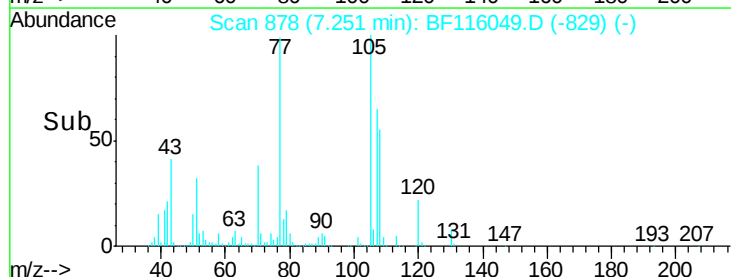
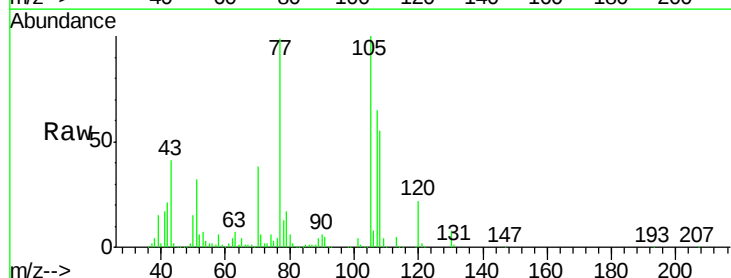
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#22
Acetophenone
Concen: 41.956 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	490102		
71	6.4		5.9	8.9
51	31.9		25.3	37.9
120	21.8		17.9	26.9





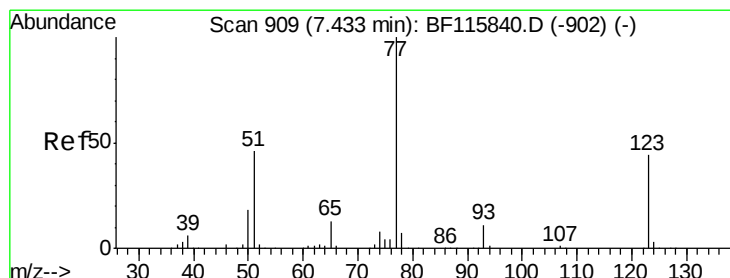
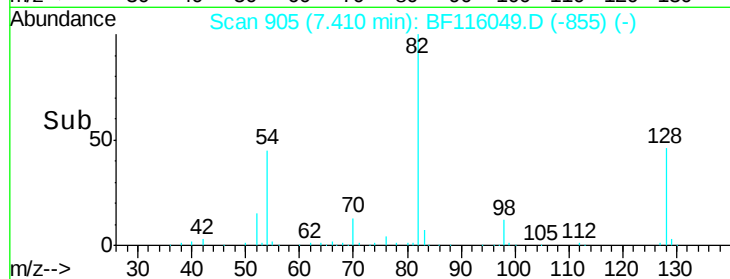
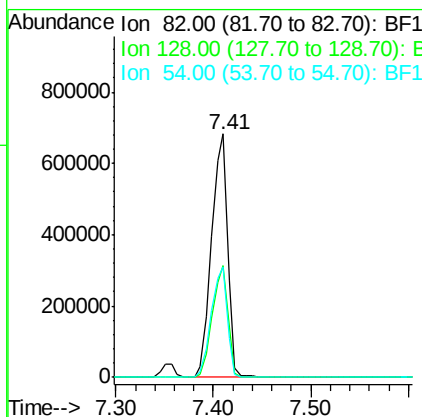
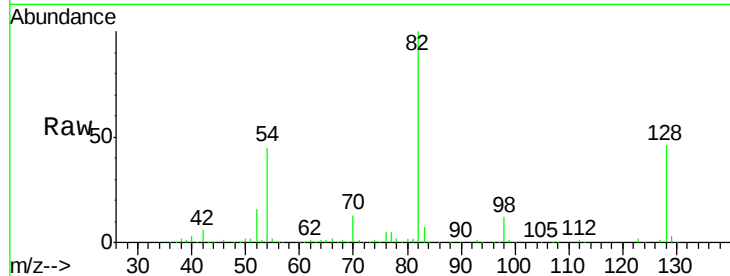
#23
 Nitrobenzene-d5
 Concen: 84.609 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	780715		
128	46.1		36.5	54.7
54	45.3		36.0	54.0

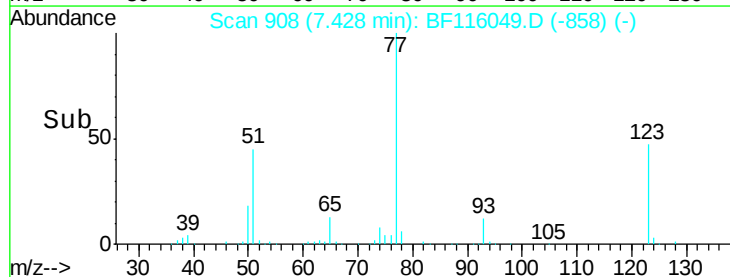
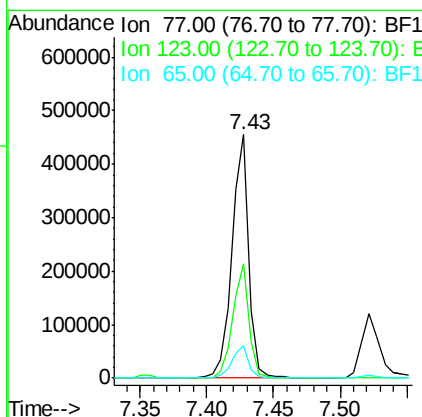
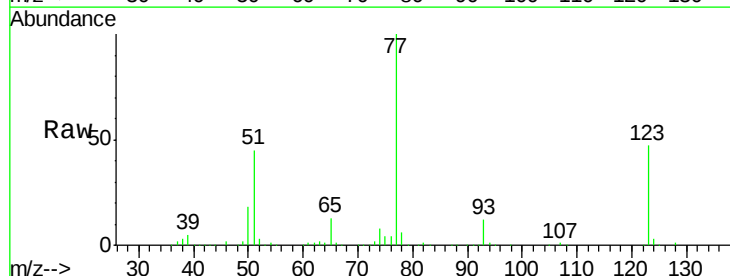
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#24
 Nitrobenzene
 Concen: 40.299 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	401510		
123	46.9		36.7	55.1
65	13.2		10.6	16.0





#25

Isophorone

Concen: 41.327 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

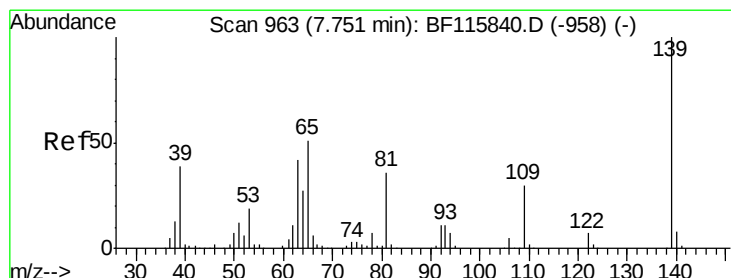
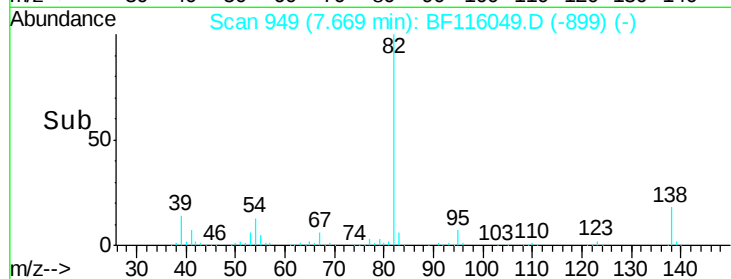
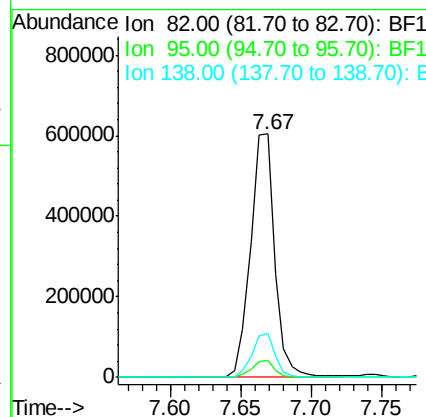
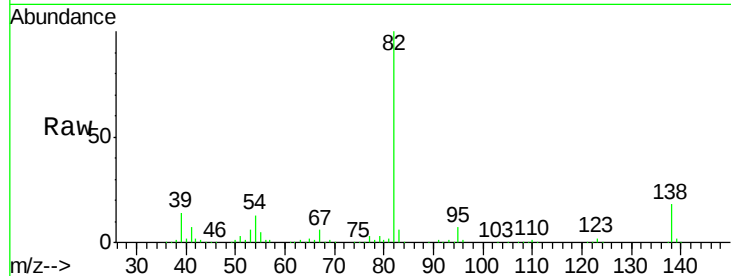
ClientSampleId :

RBR-200051MS

Tot Ion:	82	Resp:	729186
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	18.3	14.5	21.7

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#26

2-Nitrophenol

Concen: 42.061 ng

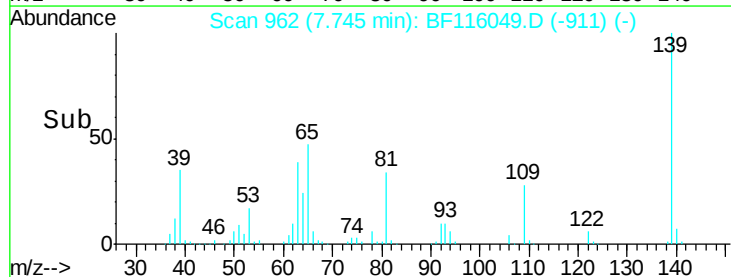
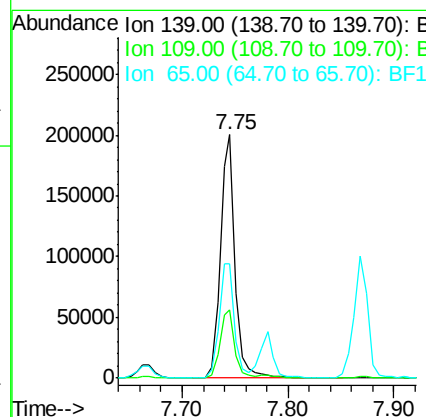
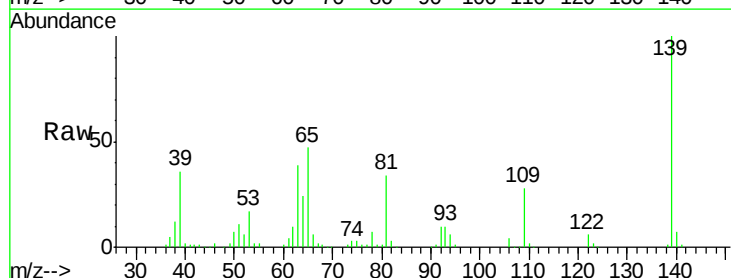
RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Tgt Ion:	139	Resp:	197544
Ion Ratio	Lower	Upper	
139	100		
109	28.1	23.4	35.2
65	46.9	41.1	61.7





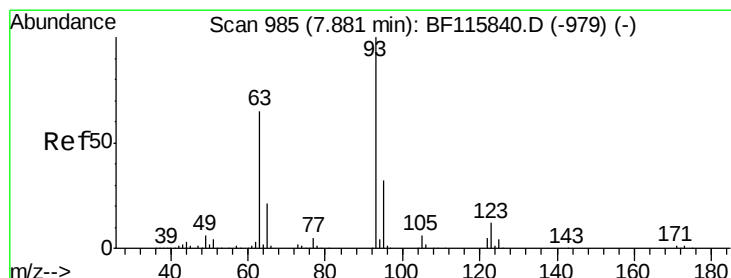
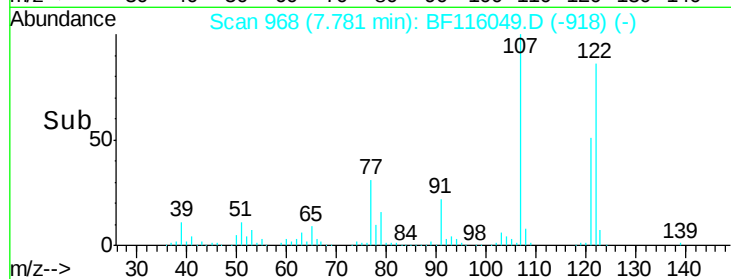
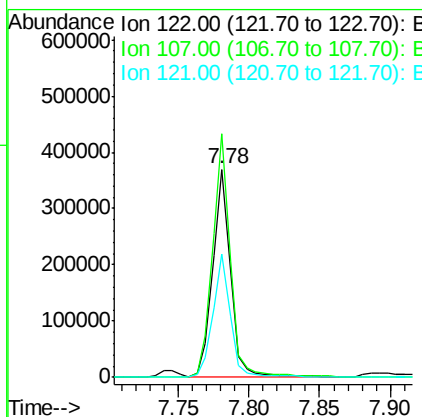
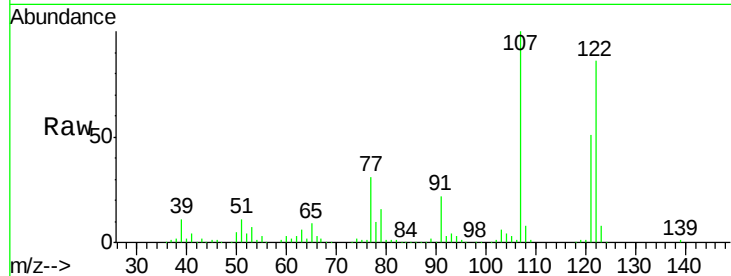
#27
 2,4-Dimethylphenol
 Concen: 46.335 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	327396		
107	116.8	93.0	139.6	
121	59.1	47.6	71.4	

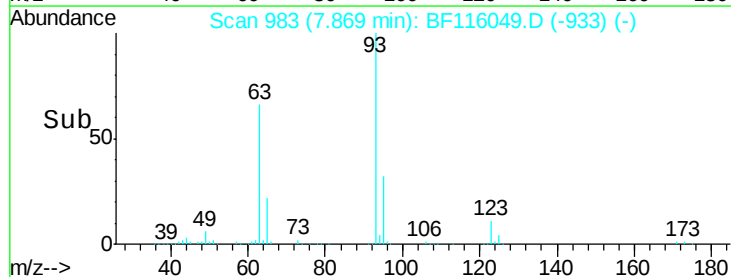
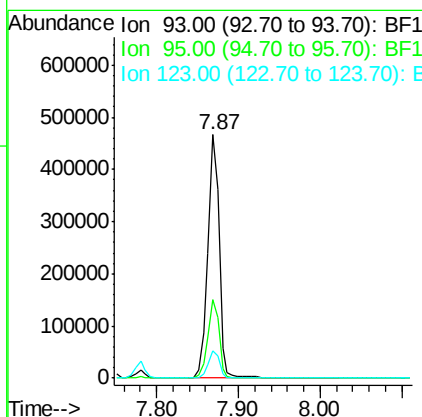
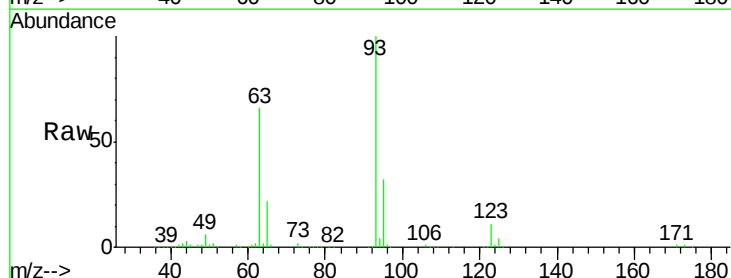
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.800 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	446188		
95	32.4	26.2	39.4	
123	11.0	9.2	13.8	





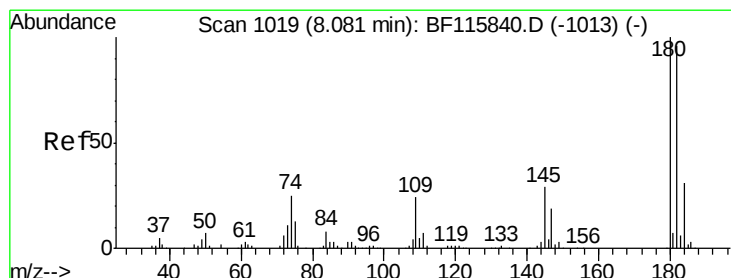
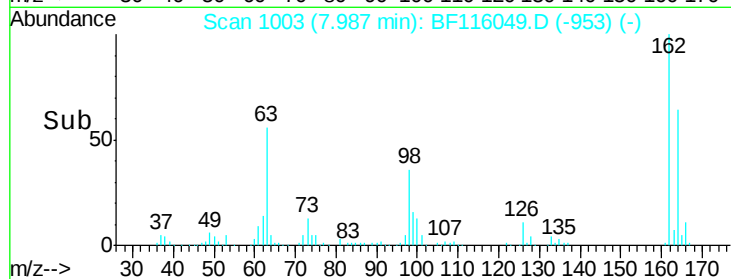
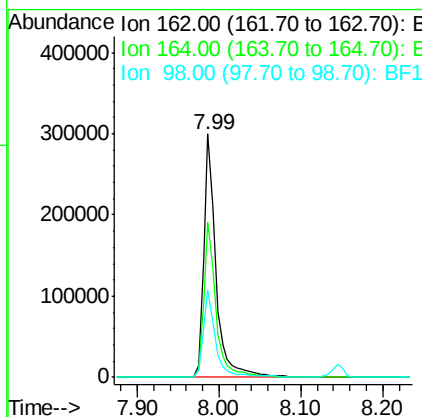
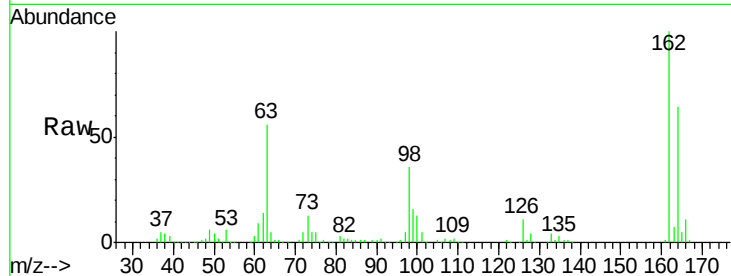
#29
 2,4-Dichlorophenol
 Concen: 42.403 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	316351		
164	64.0	45.1	85.1	
98	36.0	15.8	55.8	

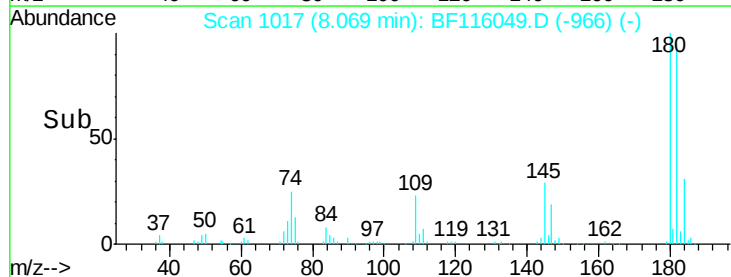
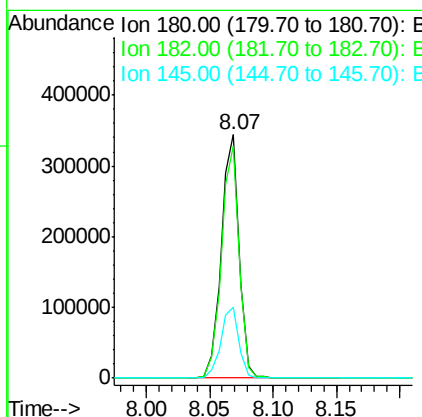
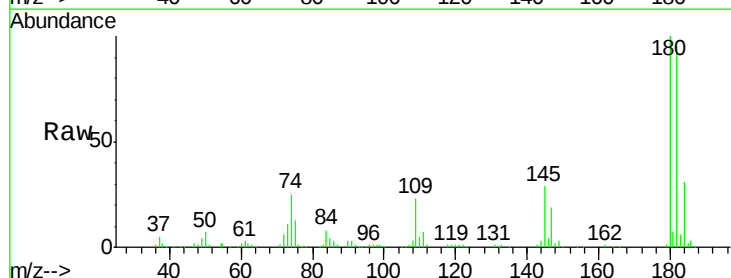
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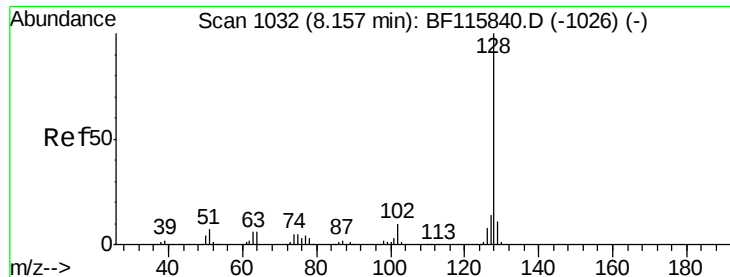
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.705 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337666		
182	95.3	75.7	113.5	
145	29.3	24.3	36.5	





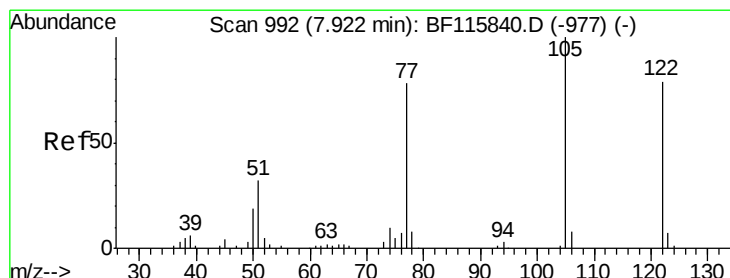
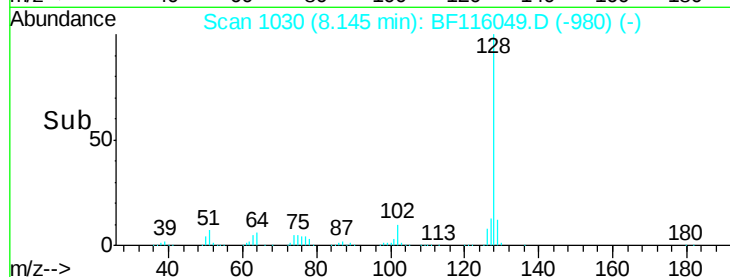
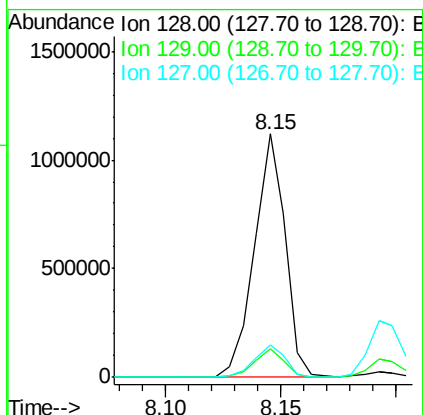
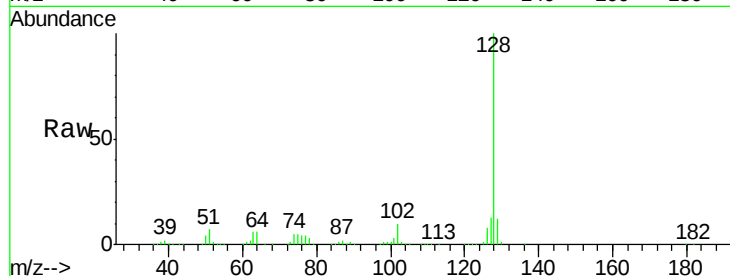
#31
Naphthalene
Concen: 41.800 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.4	11.4	17.0

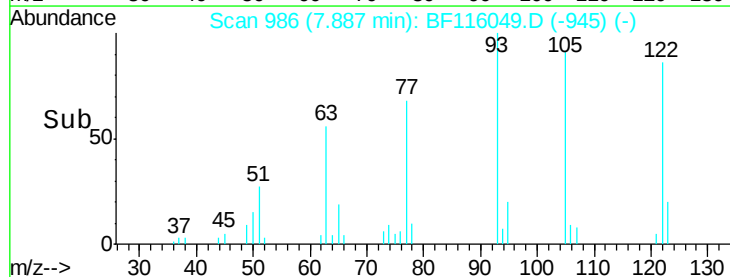
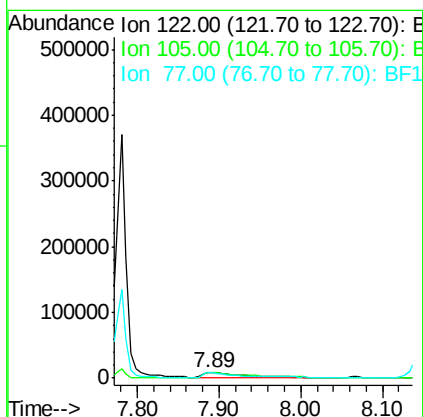
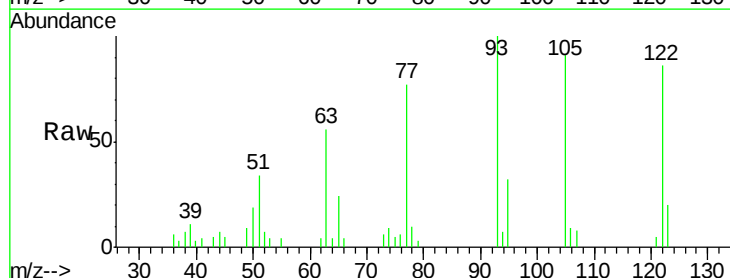
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#32
Benzoic acid
Concen: 5.604 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.4	106.1	146.1#
77	89.9	76.7	116.7





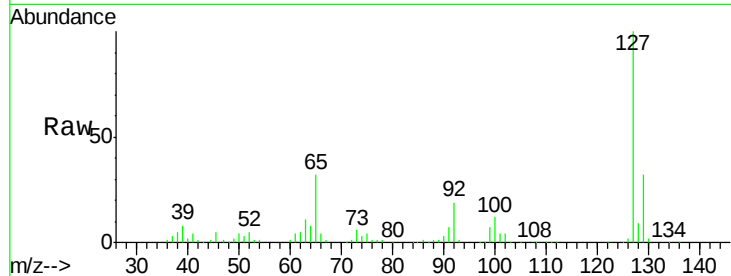
#33
4-Chloroaniline
Concen: 27.246 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

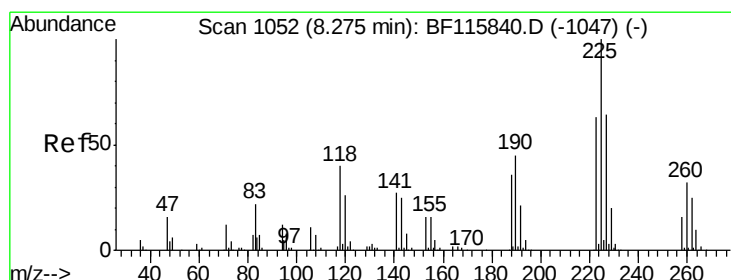
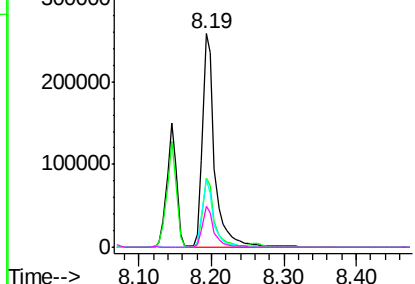
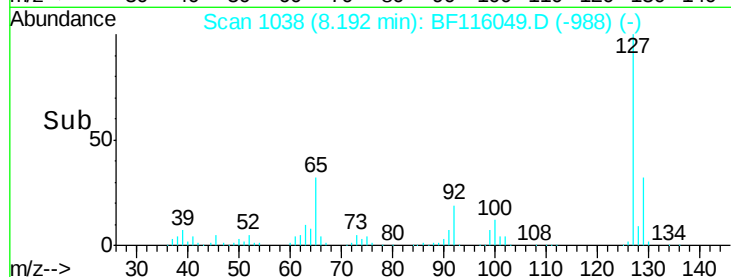
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.1	39.1		
65	32.0	24.9	37.3		
92	18.9	15.7	23.5		

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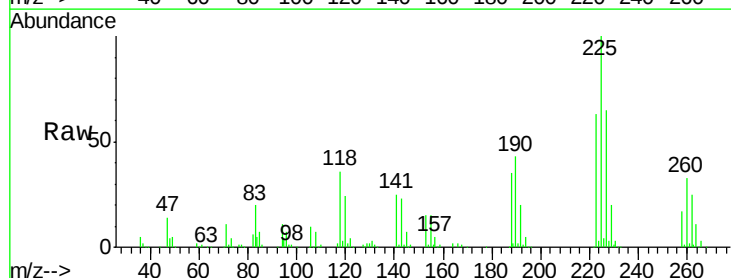


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

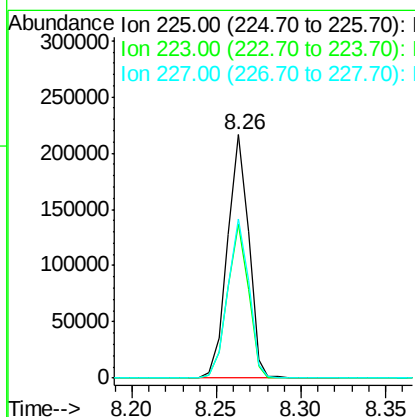
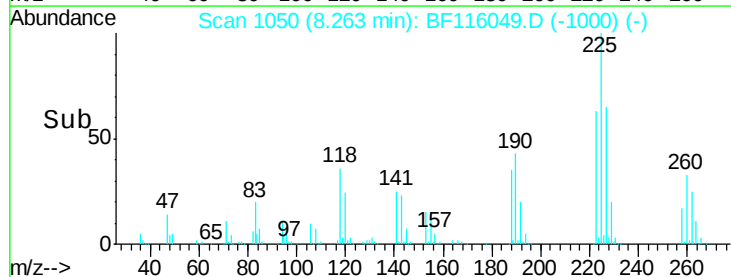


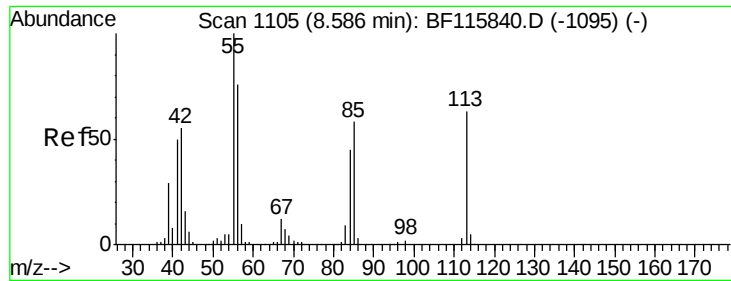
#34
Hexachlorobutadiene
Concen: 38.594 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.0	75.0		
227	65.2	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





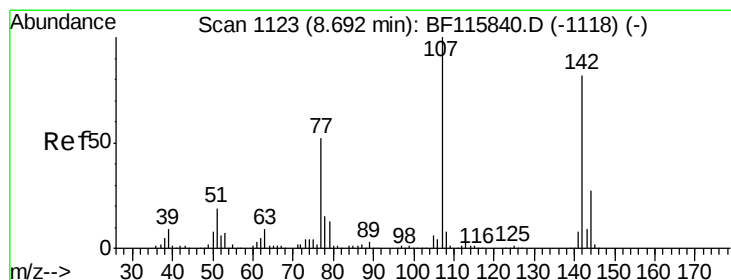
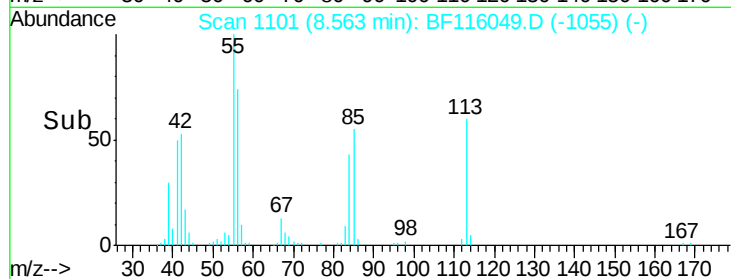
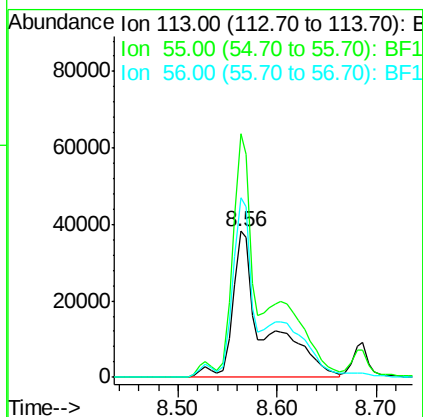
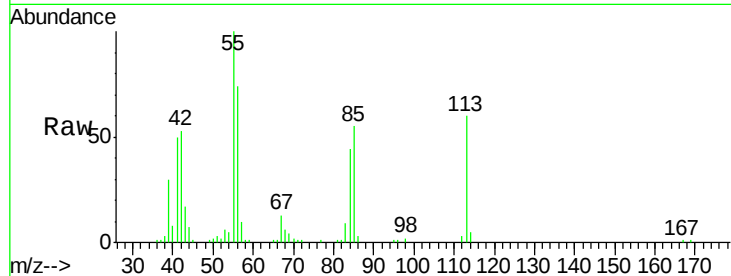
#35
 Caprolactam
 Concen: 35.940 ng/mL
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion: 113 Resp: 86722
 Ion Ratio Lower Upper
 113 100
 55 167.0 144.3 184.3
 56 123.0 97.1 137.1

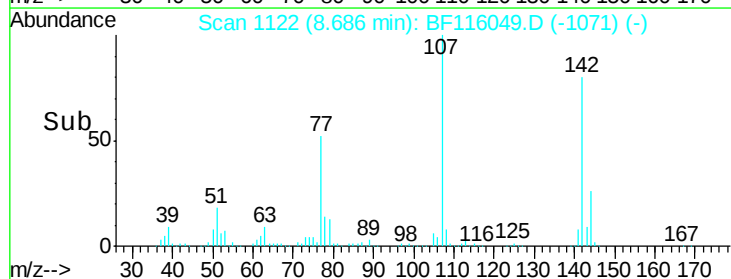
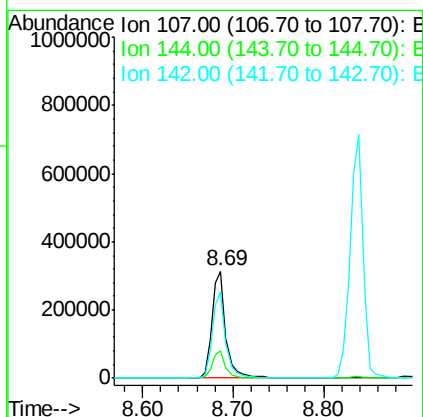
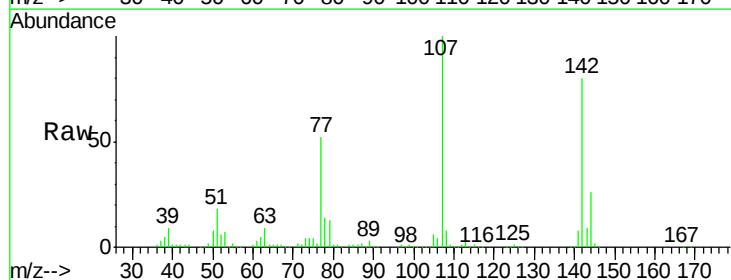
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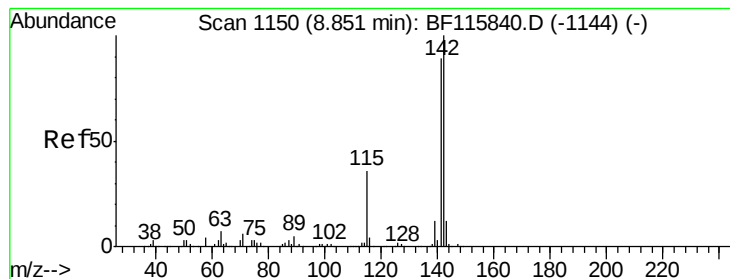
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#36
 4-Chloro-3-methylphenol
 Concen: 42.666 ng/mL
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion: 107 Resp: 331150
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 80.4 61.7 92.5





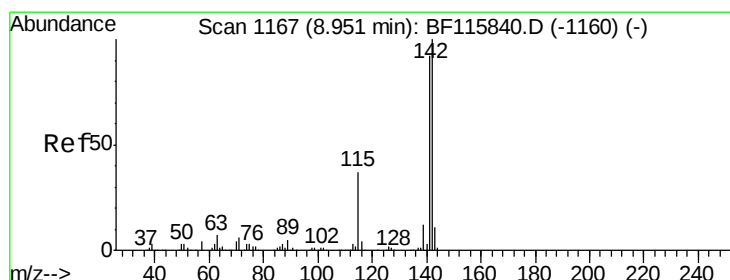
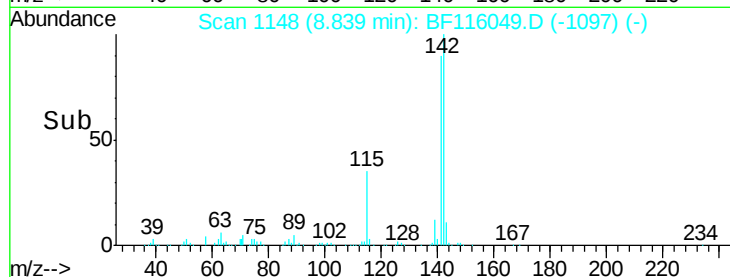
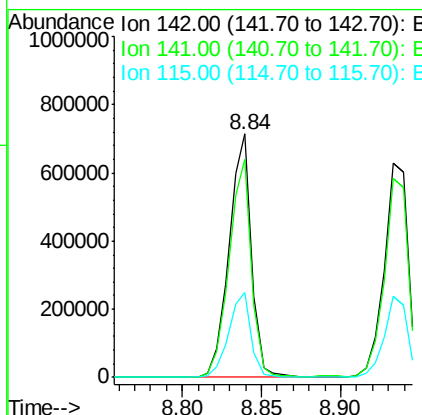
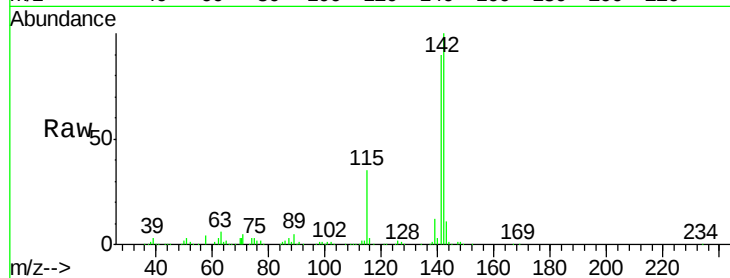
#37
2-Methylnaphthalene
Concen: 42.537 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3
115	34.6	29.0	43.6

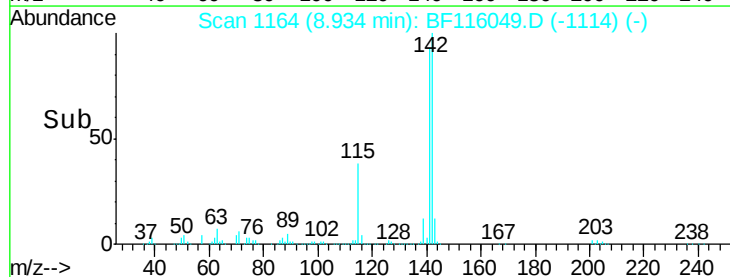
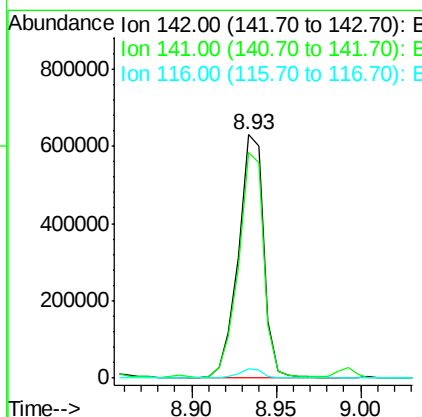
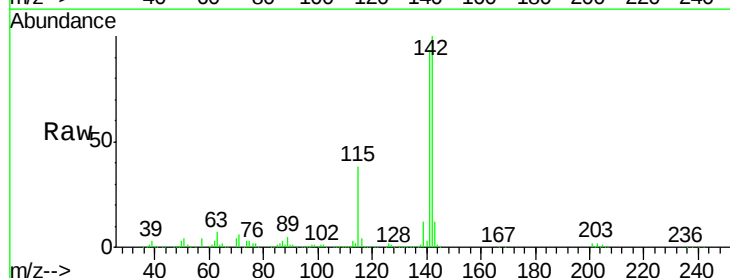
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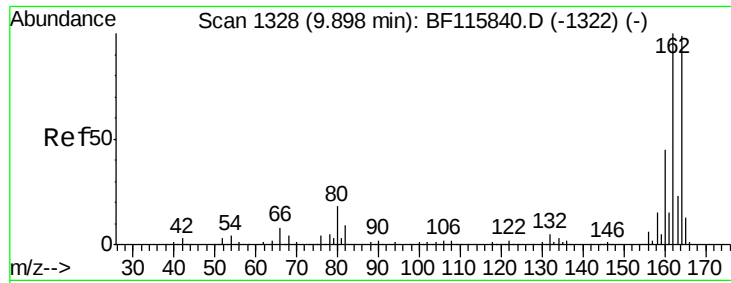
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#38
1-Methylnaphthalene
Concen: 42.070 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.4	111.6
116	3.9	3.1	4.7





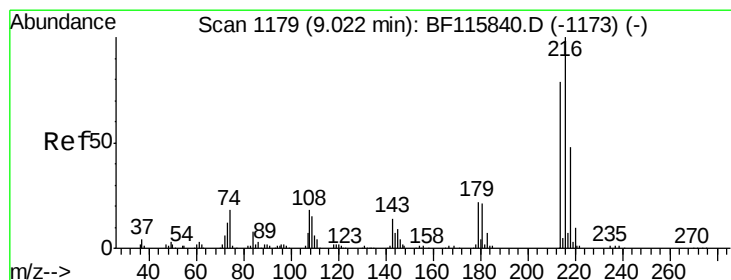
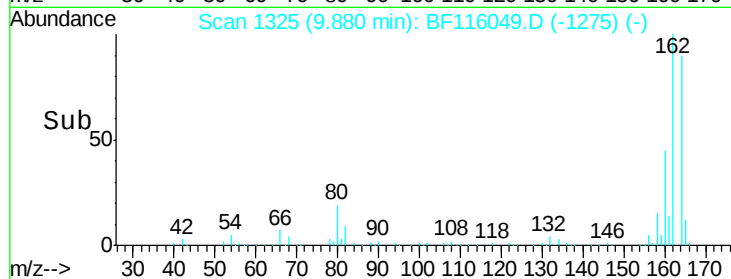
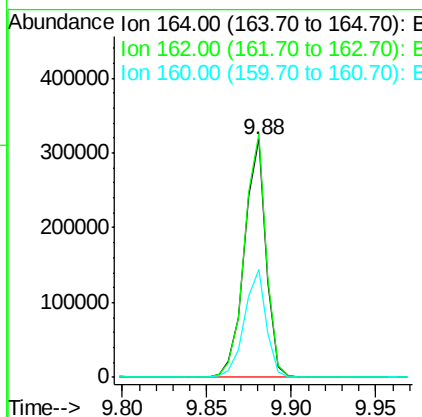
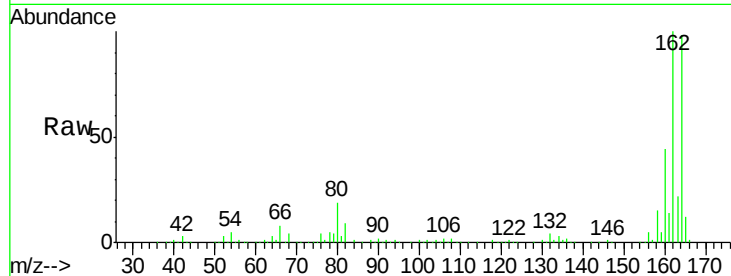
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	82.6	124.0	
160	45.4	37.6	56.4	

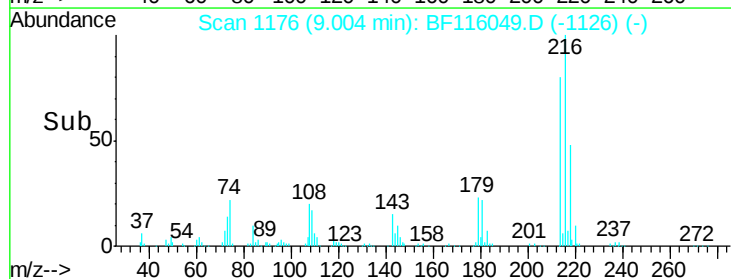
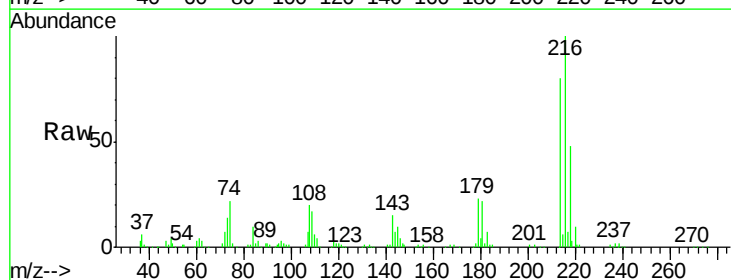
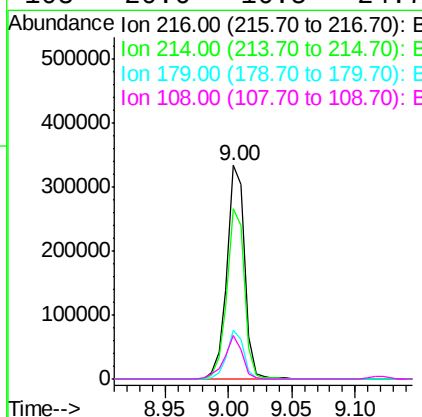
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.102 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.6	95.4	
179	21.8	17.8	26.8	
108	20.6	16.5	24.7	





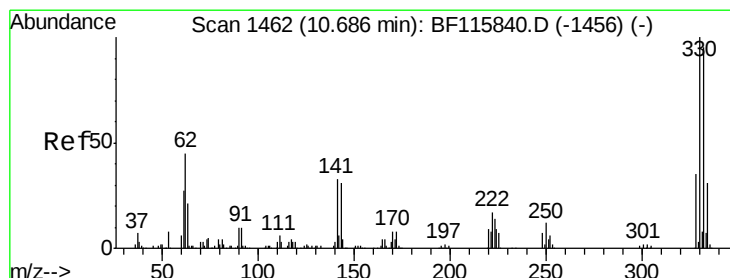
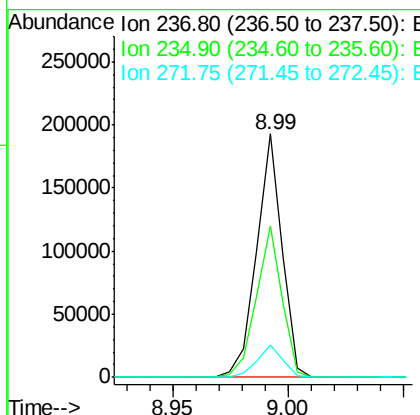
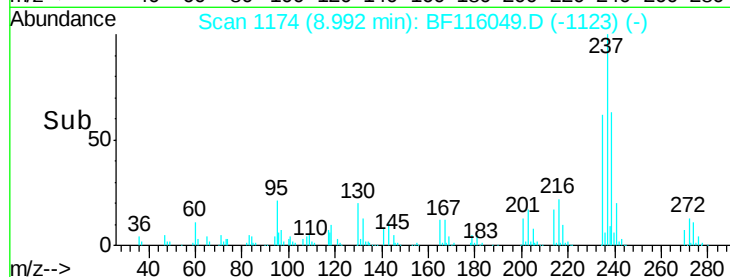
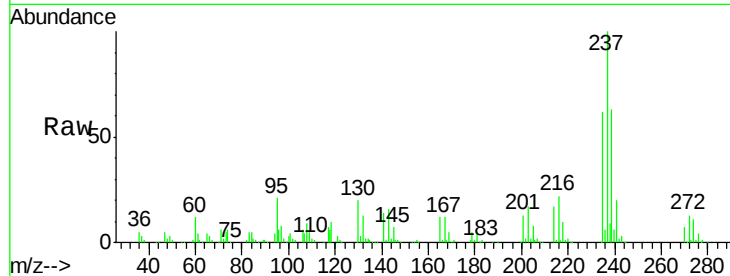
#41
Hexachlorocyclopentadiene
Concen: 45.969 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2		43.4	83.4	
272	13.1		0.0	33.2	

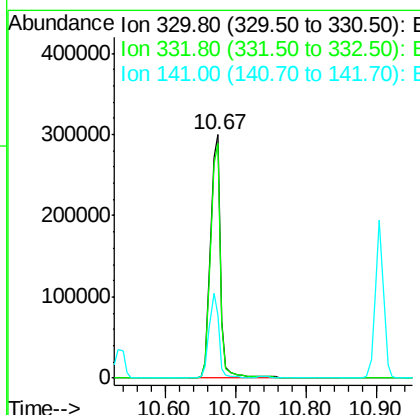
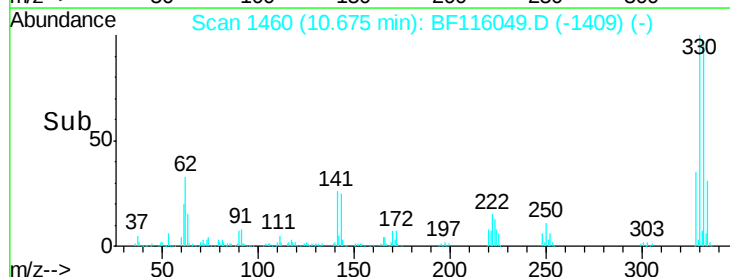
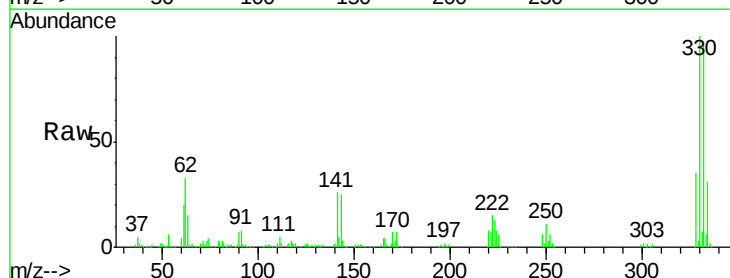
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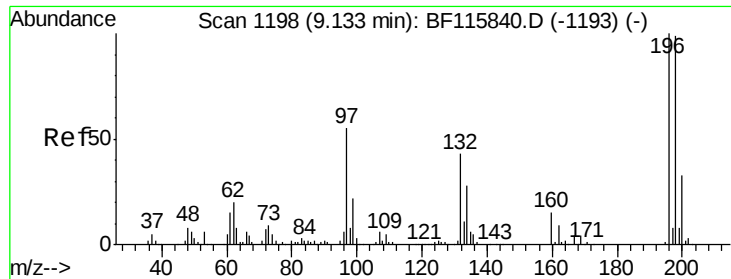
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#42
2,4,6-Tribromophenol
Concen: 107.580 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.7		76.8	115.2	
141	33.6		26.3	39.5	





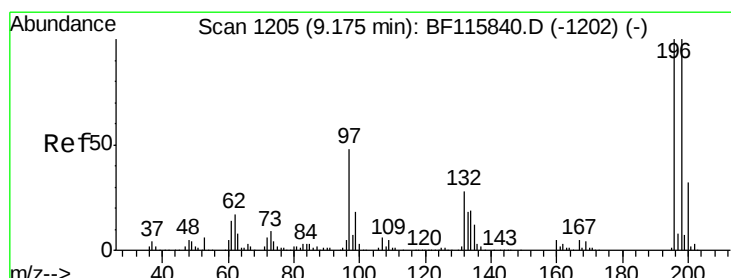
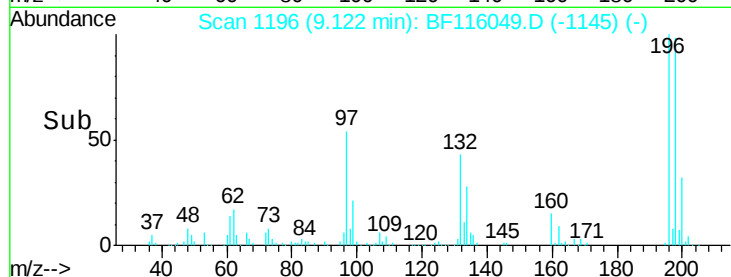
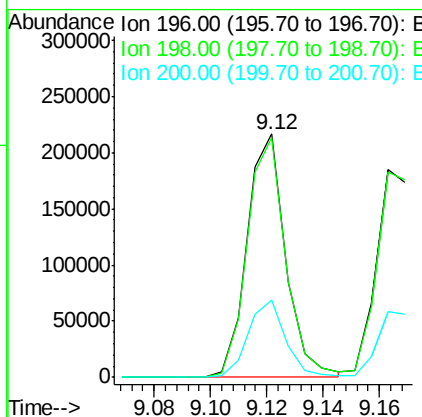
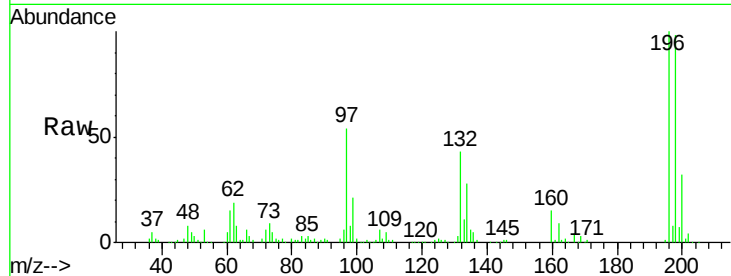
#43
 2,4,6-Trichlorophenol
 Concen: 38.853 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	204557		
198	98.5	79.2	118.8	
200	31.8	25.2	37.8	

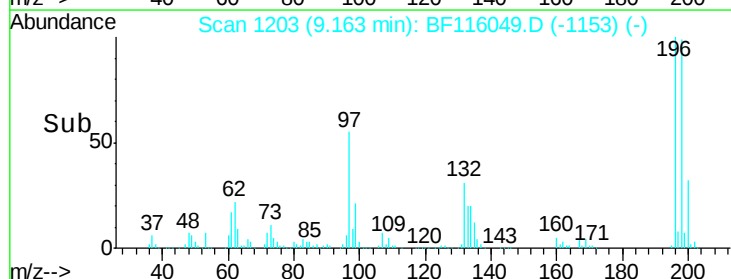
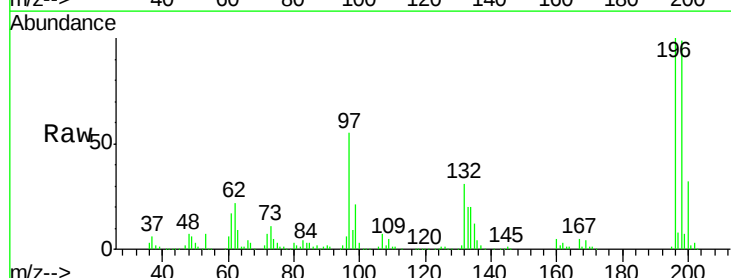
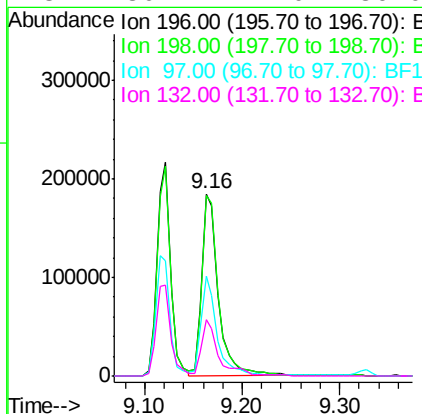
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 40.254 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219072		
198	99.2	78.8	118.2	
97	54.7	42.2	63.4	
132	30.7	24.0	36.0	





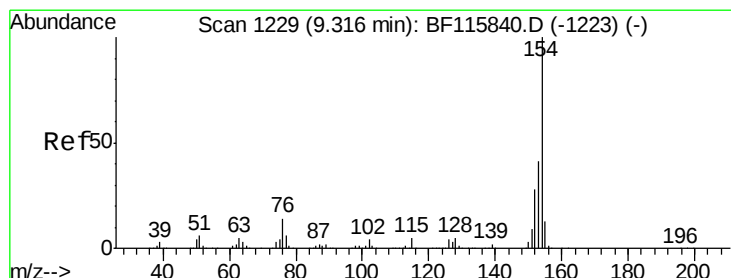
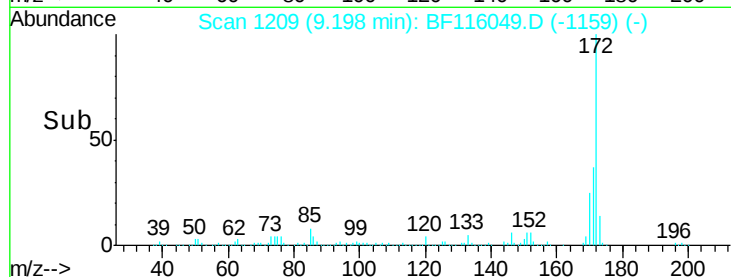
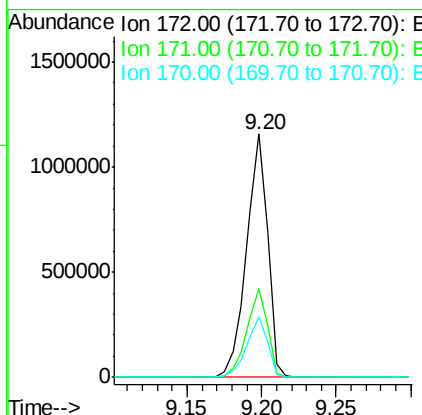
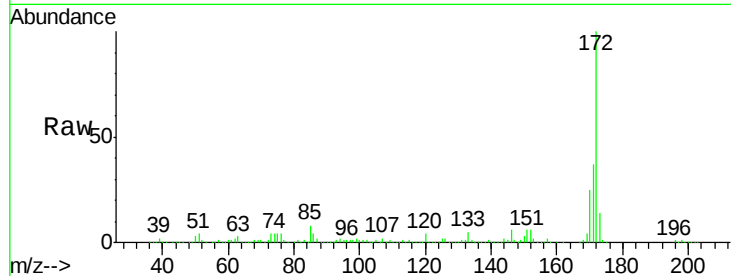
#45
2-Fluorobiphenyl
Concen: 74.079 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.9	20.1	30.1

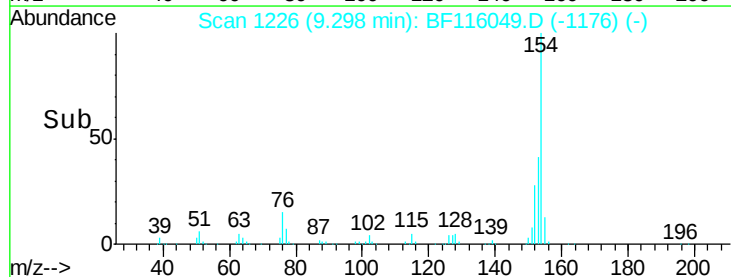
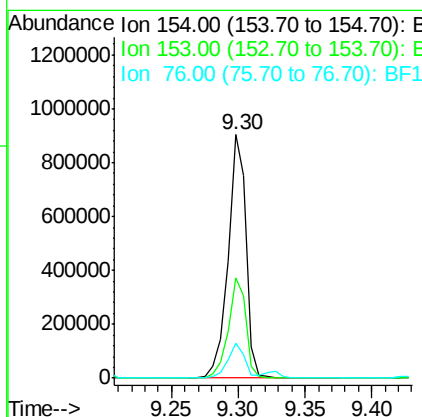
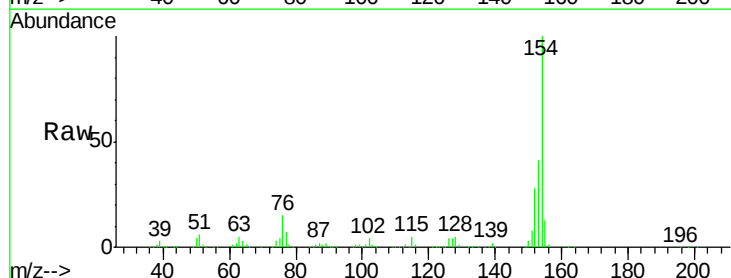
Manual Integrations
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#46
1,1'-Biphenyl
Concen: 42.353 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	14.5	0.0	35.2





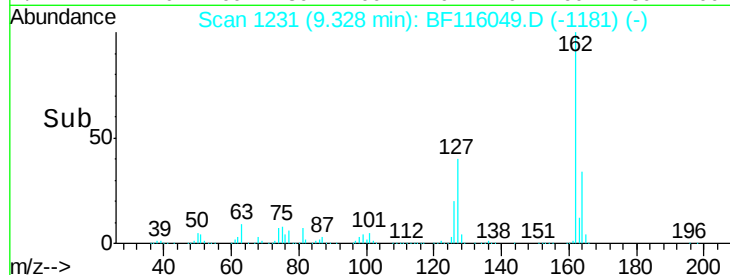
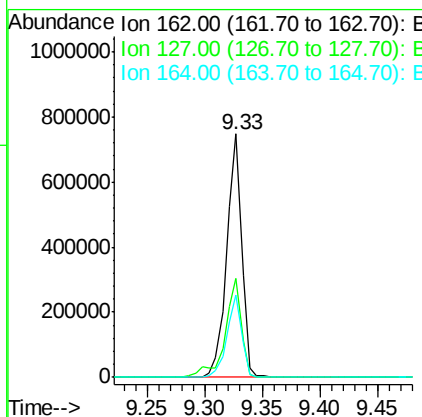
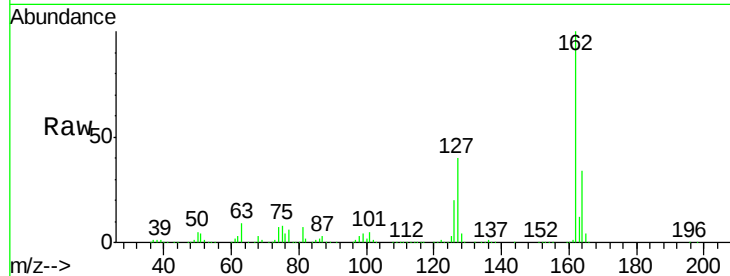
#47
 2-Chloronaphthalene
 Concen: 39.973 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	672023		
127	40.5		32.8	49.2
164	34.0		26.6	39.8

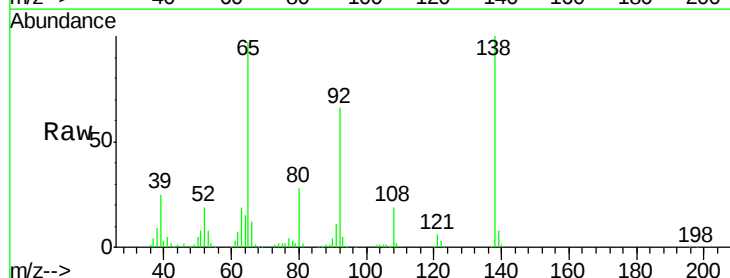
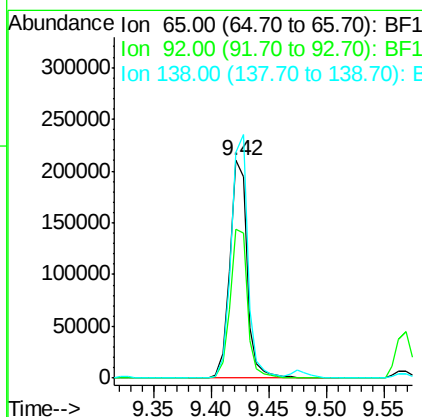
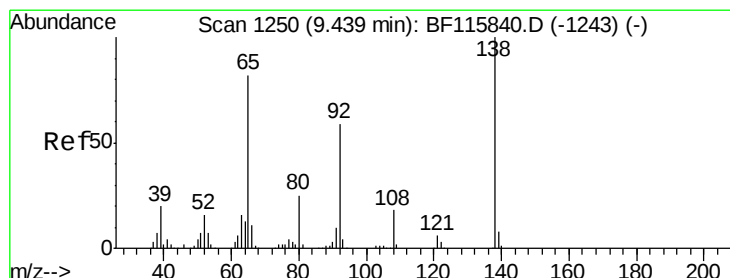
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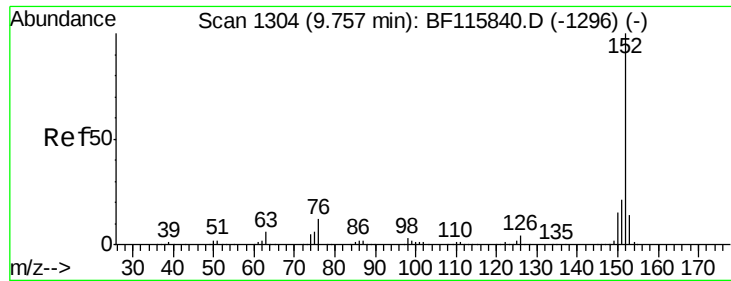
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#48
 2-Nitroaniline
 Concen: 39.082 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	217174		
92	68.2		57.8	86.8
138	103.6		94.0	141.0





#49

Acenaphthylene

Concen: 42.245 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

Tot Ion:152 Resp: 1036139

Ion Ratio Lower Upper

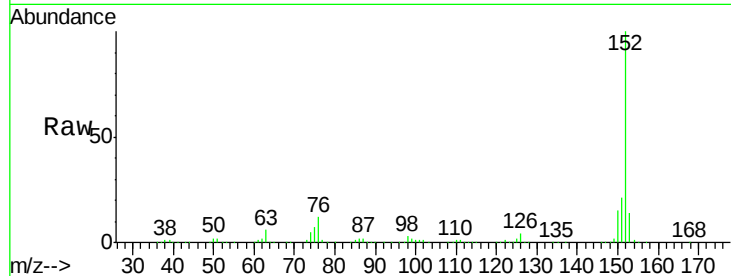
152 100

151 20.7 17.2 25.8

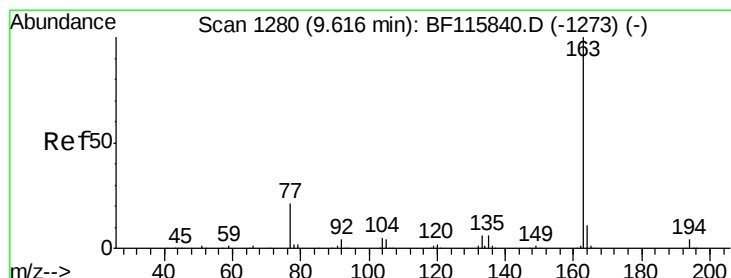
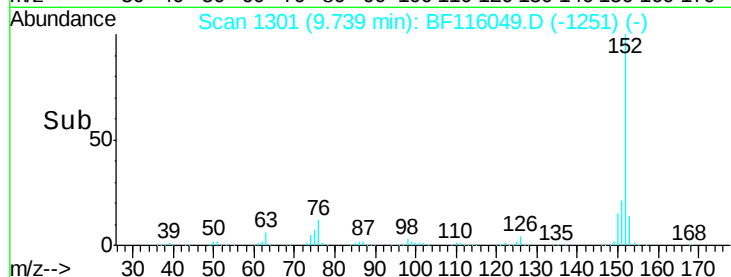
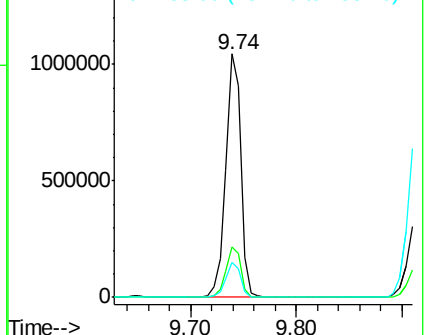
153 14.3 11.8 17.8

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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: 53.346 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

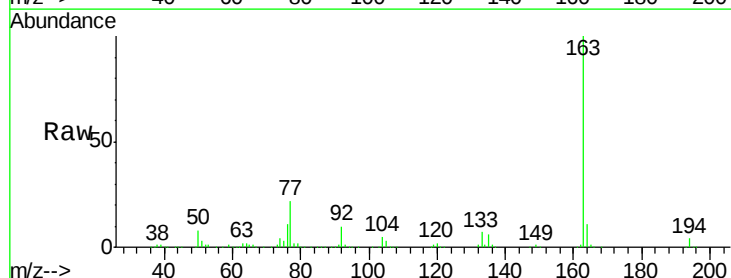
Tgt Ion:163 Resp: 1039238

Ion Ratio Lower Upper

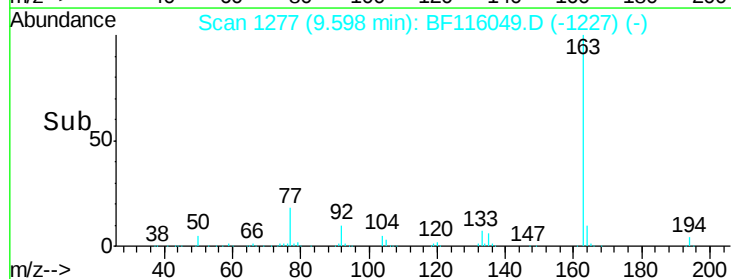
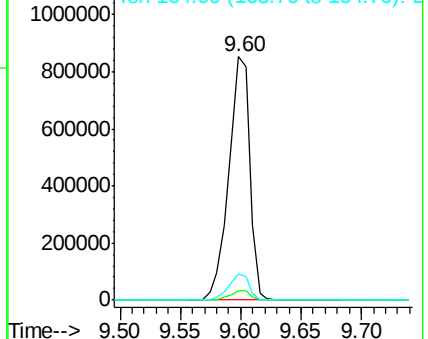
163 100

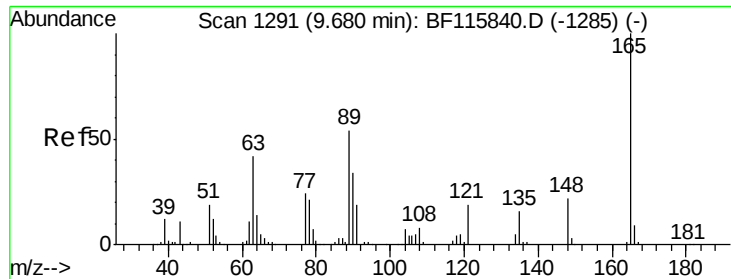
194 3.7 3.0 4.6

164 10.6 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





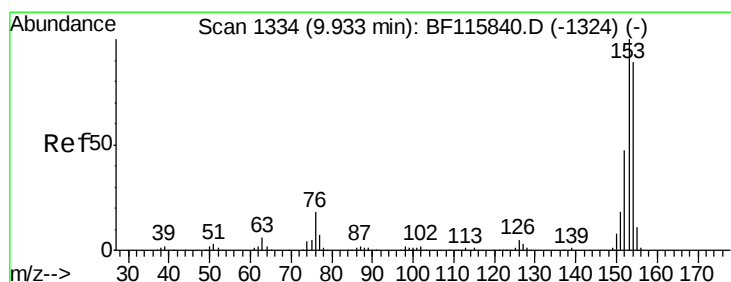
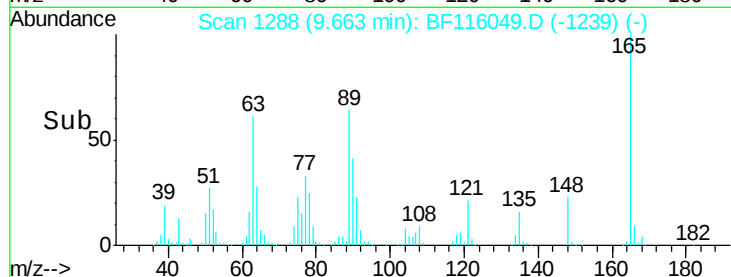
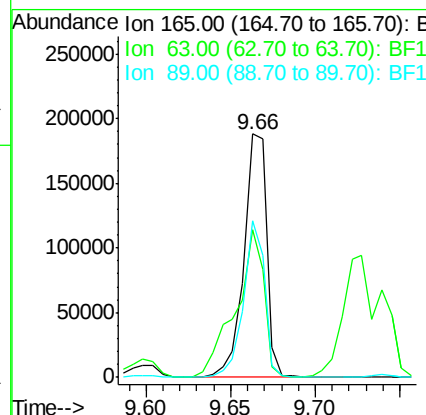
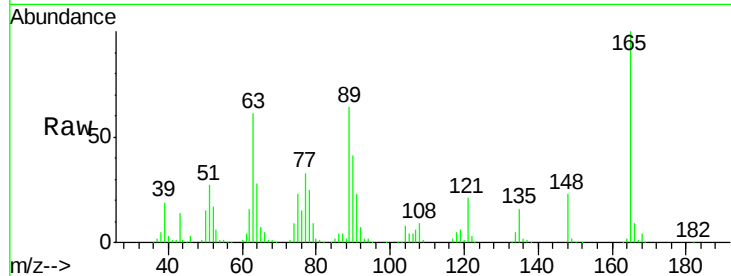
#51
2,6-Dinitrotoluene
Concen: 41.830 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	177089		
63	60.7	38.2	57.2#	
89	64.1	42.9	64.3	

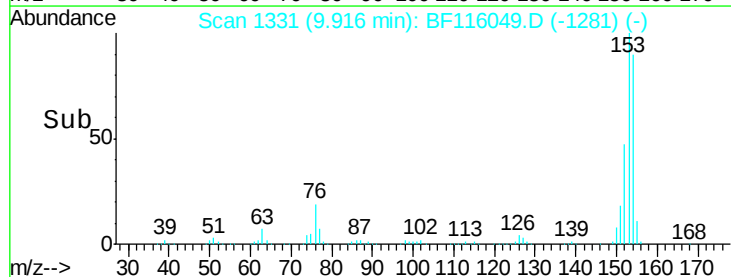
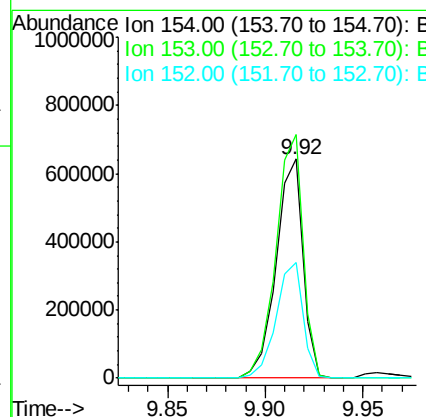
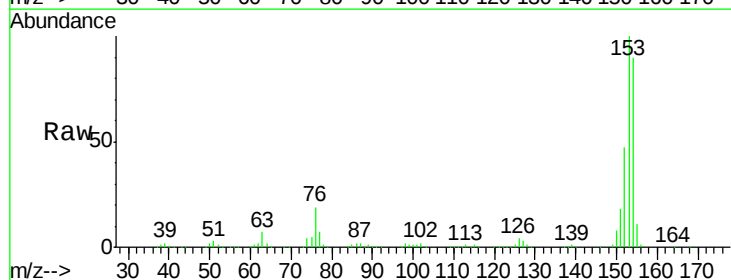
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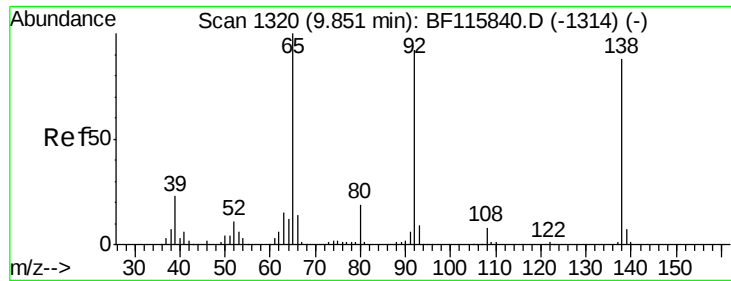
mohammad
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#52
Acenaphthene
Concen: 40.833 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	614415		
153	111.3	89.4	134.0	
152	52.6	42.3	63.5	





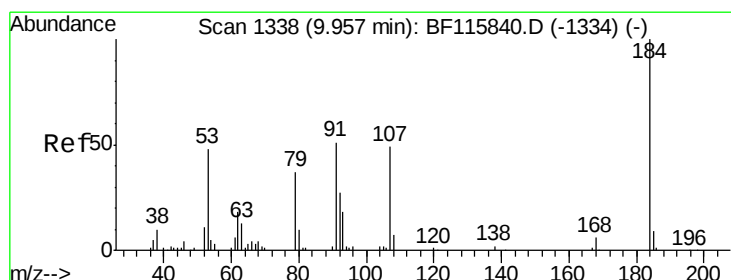
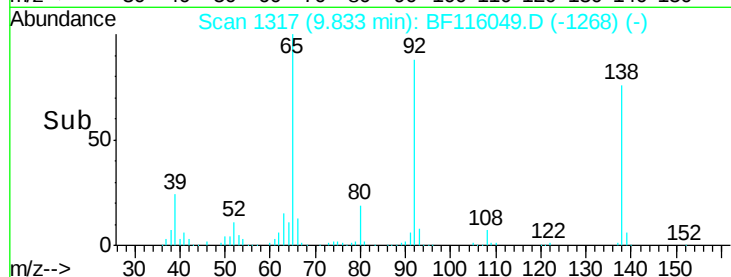
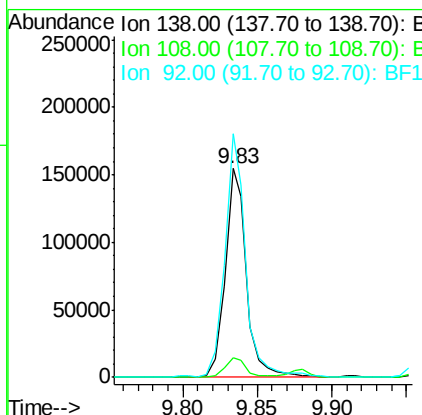
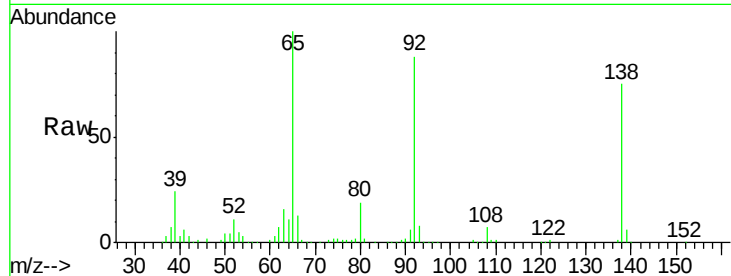
#53
3-Nitroaniline
Concen: 29.755 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	116.7	91.0	136.6

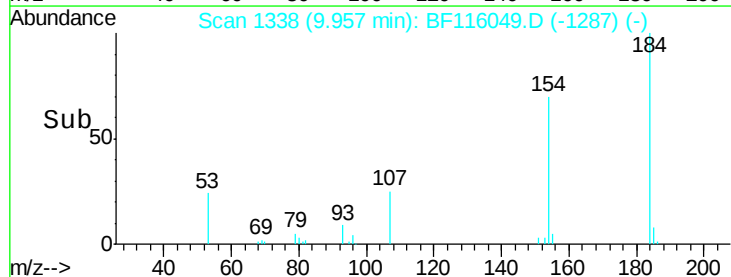
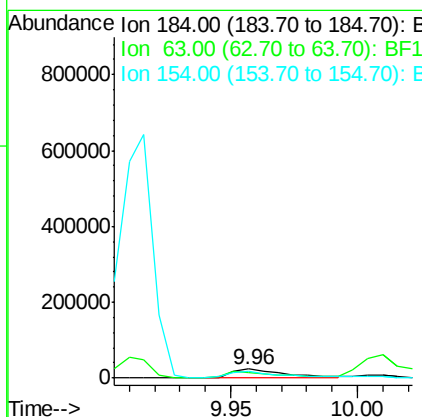
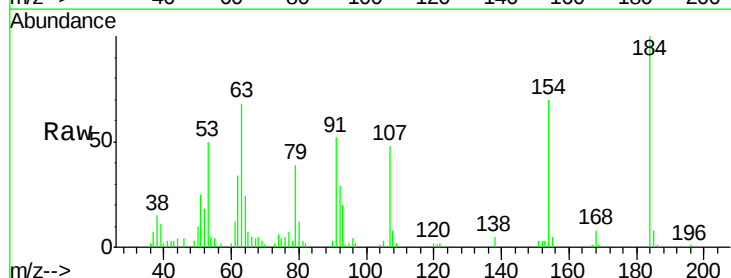
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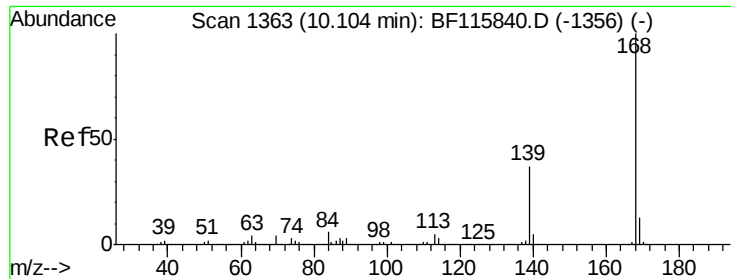
mohammad
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#54
2,4-Dinitrophenol
Concen: 22.805 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	53.0	79.4
154	70.2	50.1	75.1





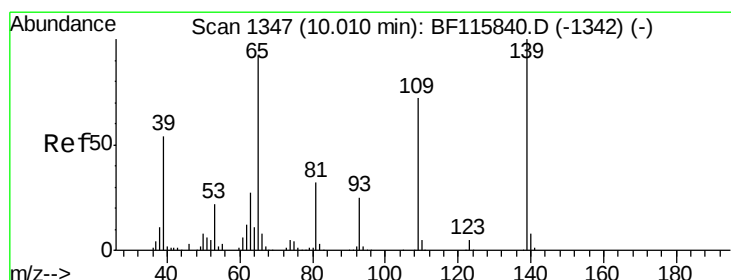
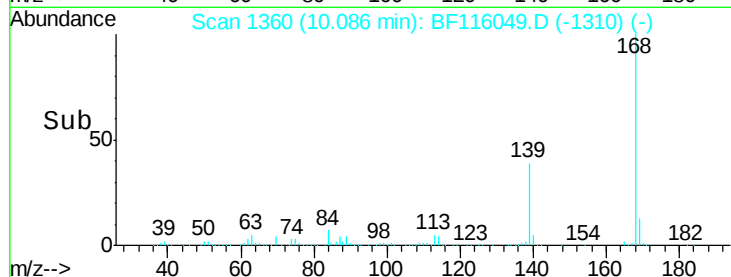
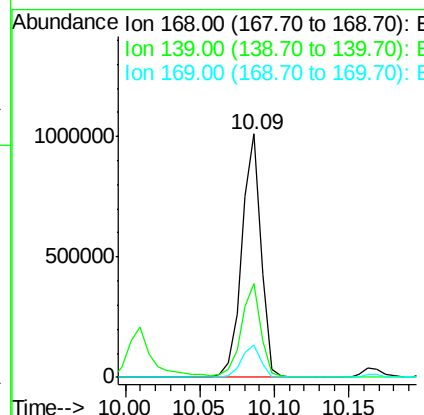
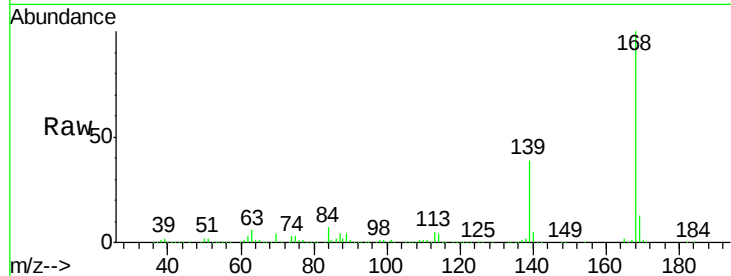
#55
Dibenzofuran
Concen: 41.606 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.6	31.4	47.2	
169	13.5	10.9	16.3	

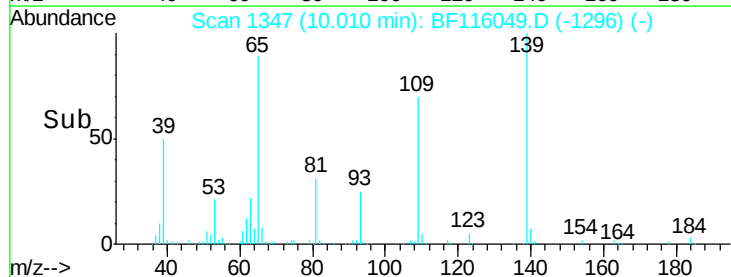
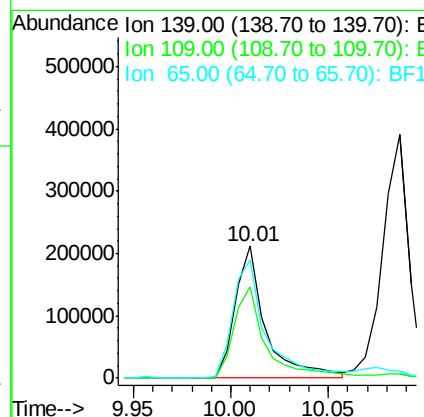
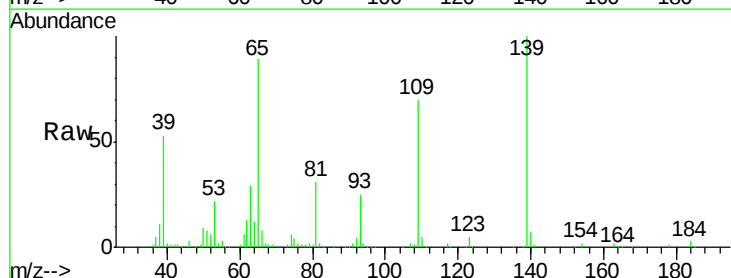
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#56
4-Nitrophenol
Concen: 68.673 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.7	54.4	94.4	
65	89.3	80.6	120.6	





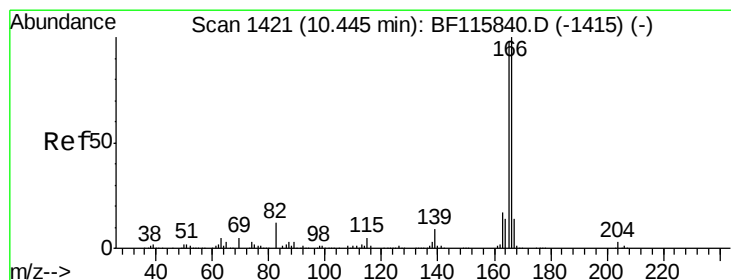
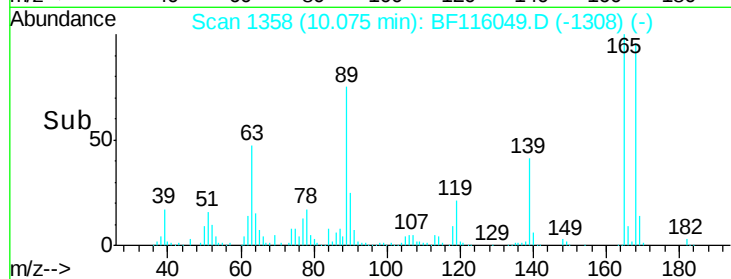
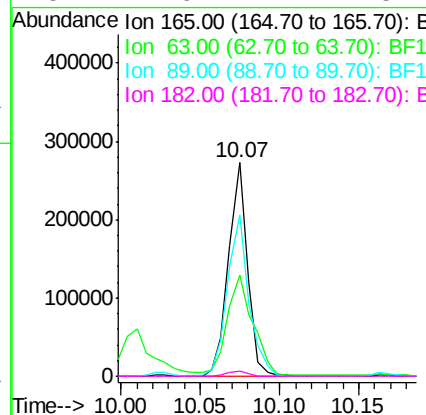
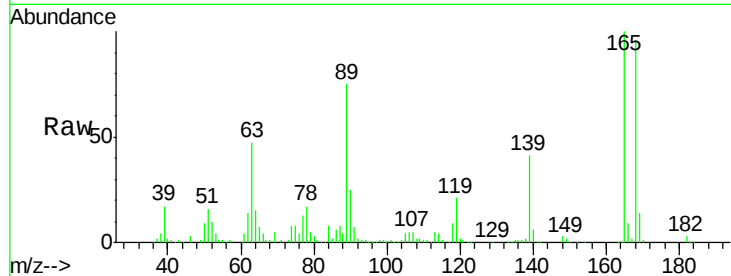
#57
2,4-Dinitrotoluene
Concen: 40.233 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	226780		
63	47.1	39.6	59.4	
89	75.4	62.2	93.2	
182	2.6	2.1	3.1	

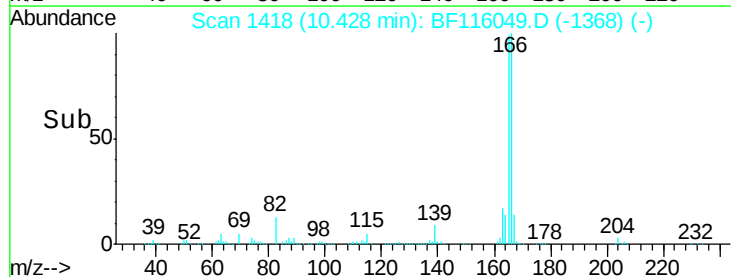
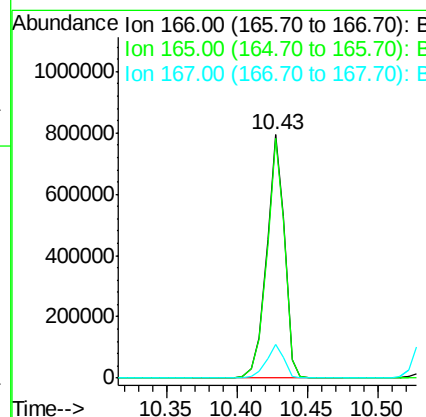
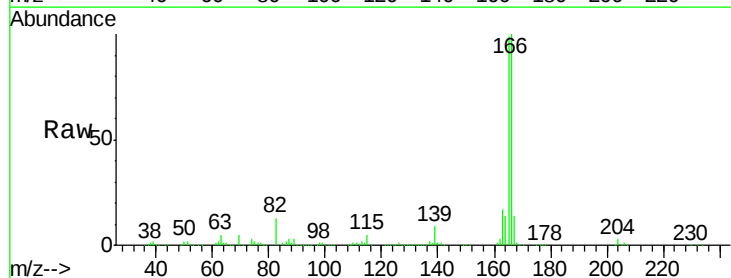
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#58
Fluorene
Concen: 42.207 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	710570		
165	98.5	78.4	117.6	
167	13.7	11.0	16.4	





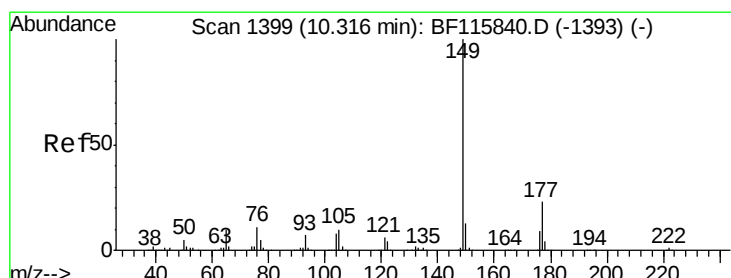
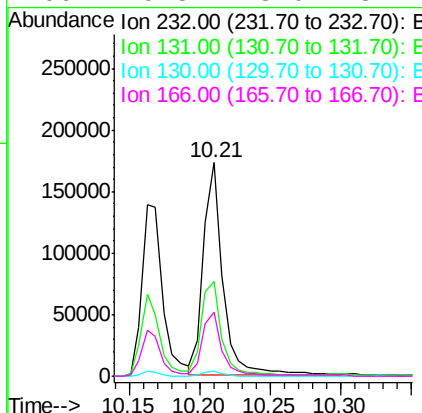
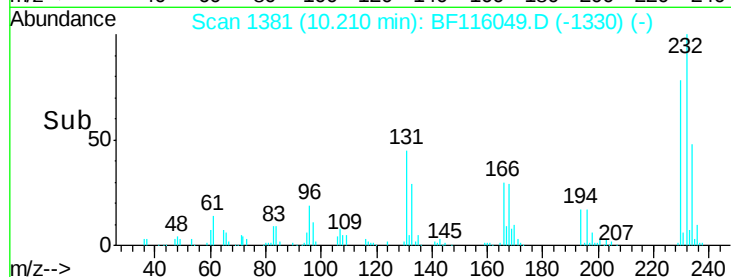
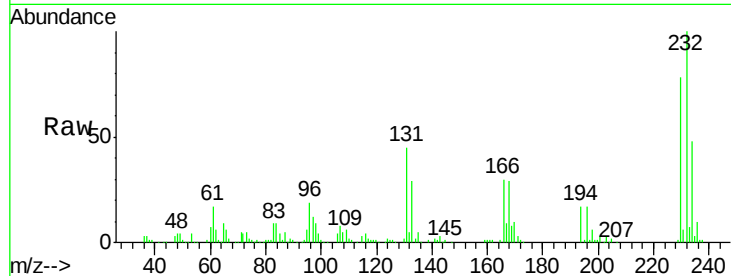
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.324 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		166314		
131	46.1	36.2	54.2		
130	2.4	1.9	2.9		
166	29.8	23.0	34.4		

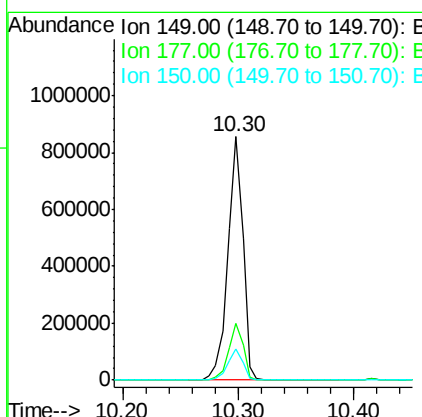
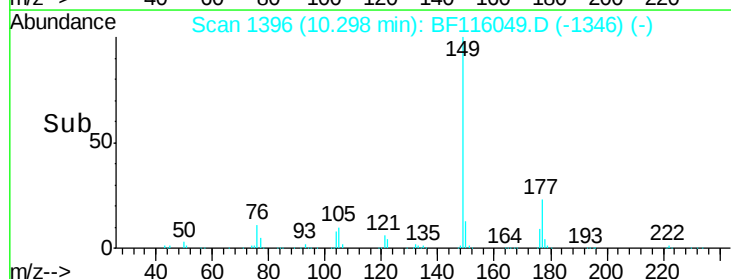
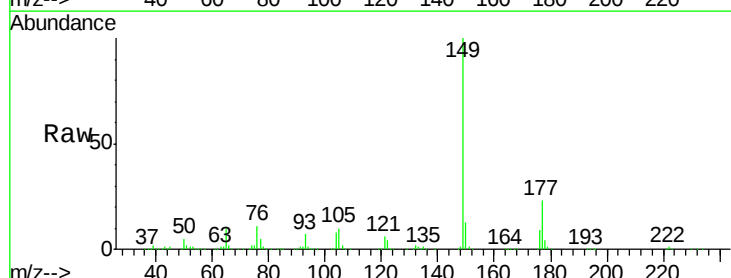
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#60
 Diethylphthalate
 Concen: 42.275 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		768904		
177	23.2	18.8	28.2		
150	13.0	10.2	15.4		





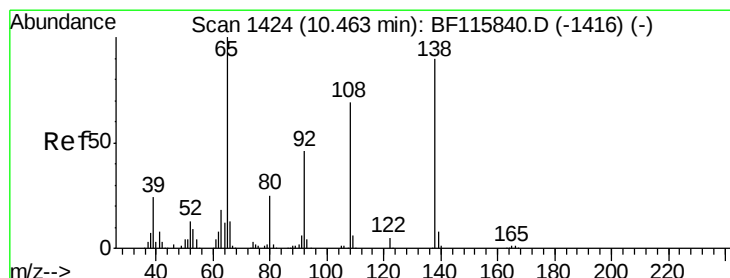
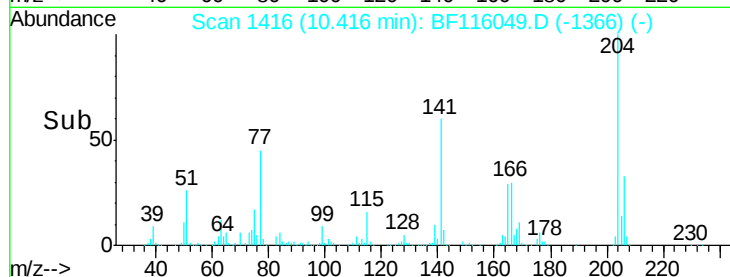
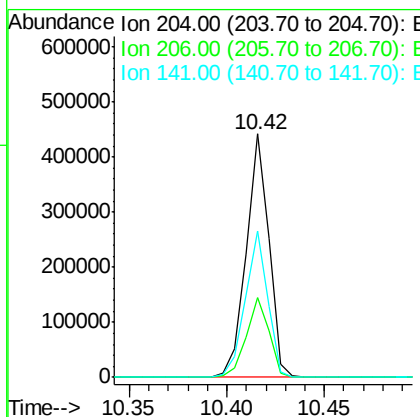
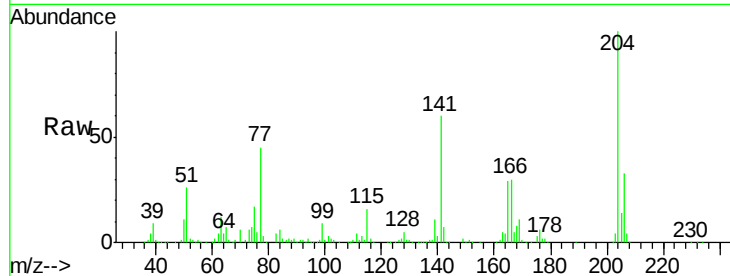
#61
4-Chlorophenyl-phenylether
Concen: 41.637 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	60.3	46.4	69.6

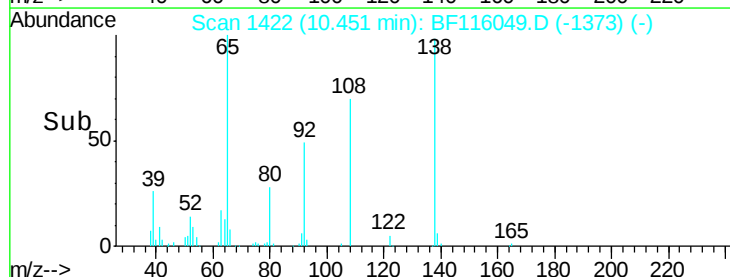
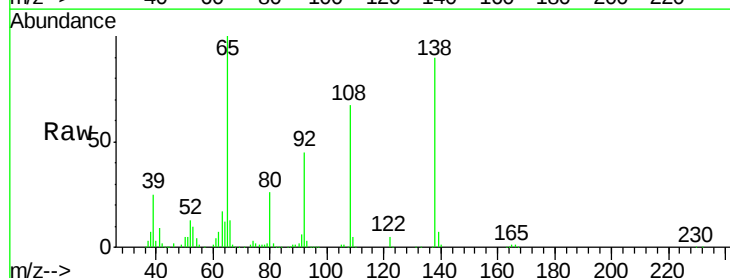
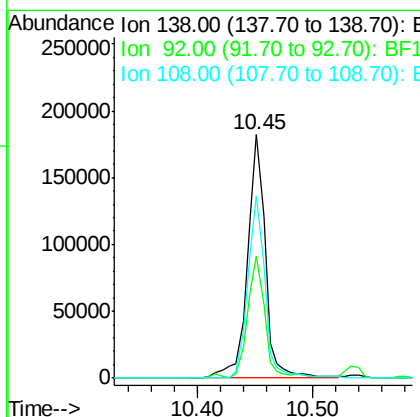
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#62
4-Nitroaniline
Concen: 36.345 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.0	69.0
108	74.9	54.7	94.7





#63

Azobenzene

Concen: 42.053 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

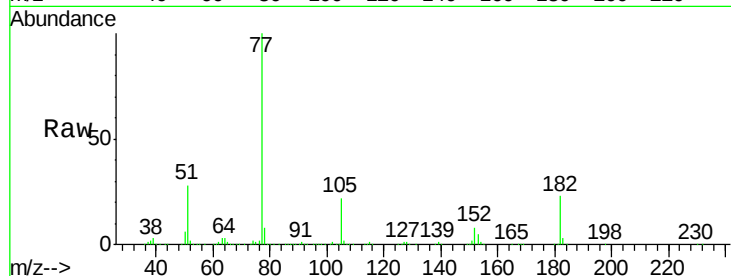
ClientSampleId :

RBR-200051MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.9	4.0	44.0	
105	21.7	2.0	42.0	
51	27.9	7.5	47.5	

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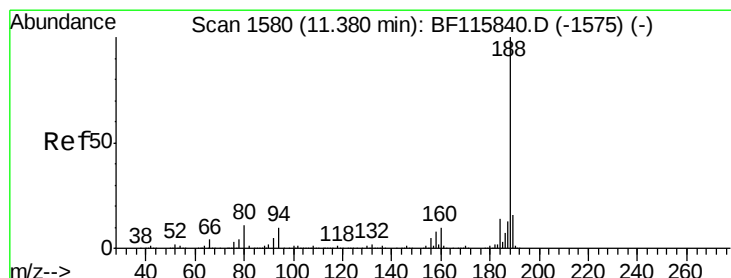
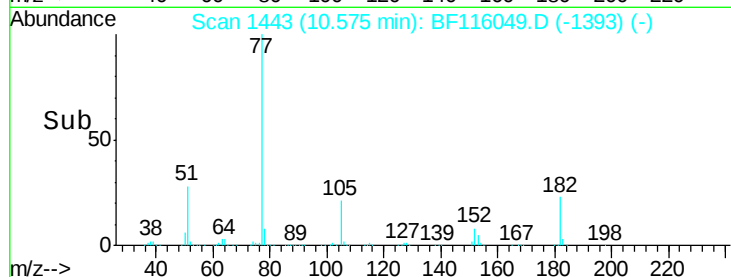
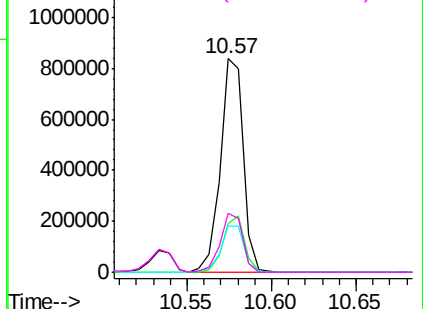


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116049.D

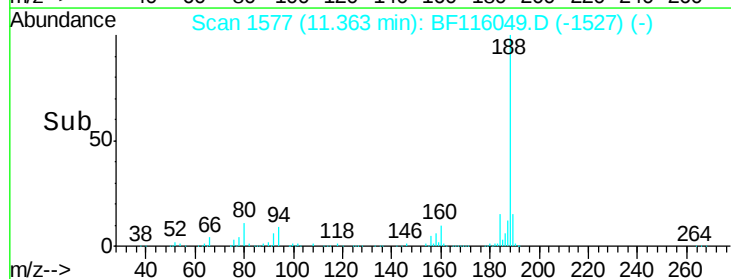
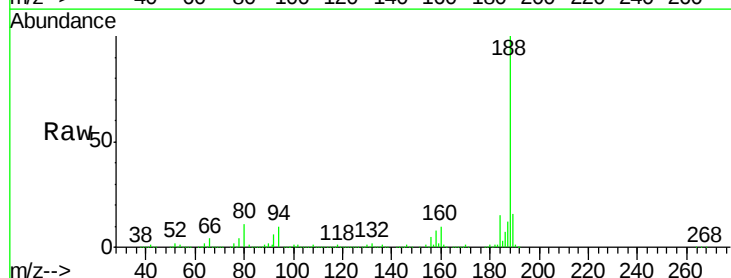
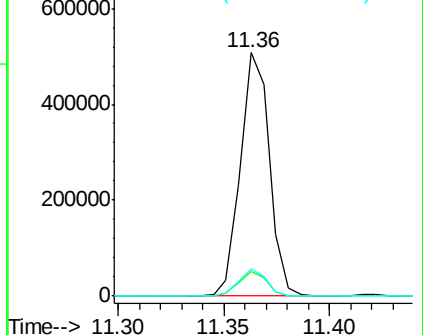
Acq: 7 Aug 2019 15:01

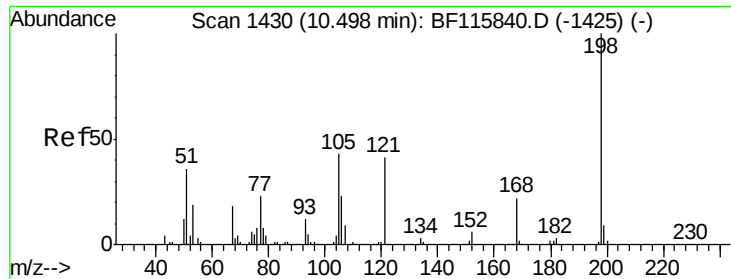
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	8.1	12.1	
80	11.1	8.7	13.1	

Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 23.112 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

ClientSampleId :

RBR-200051MS

Tot Ion:198 Resp: 59232

Ion Ratio Lower Upper

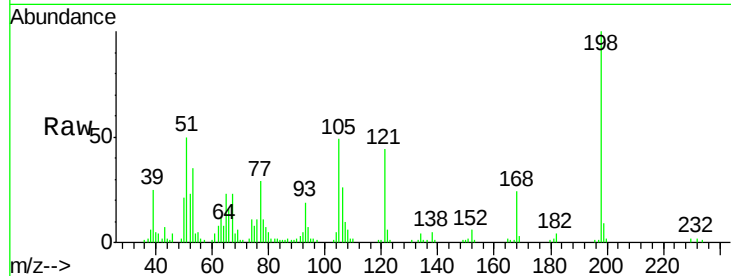
198 100

51 49.9 17.0 57.0

105 48.6 21.6 61.6

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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

300000

250000

200000

150000

100000

50000

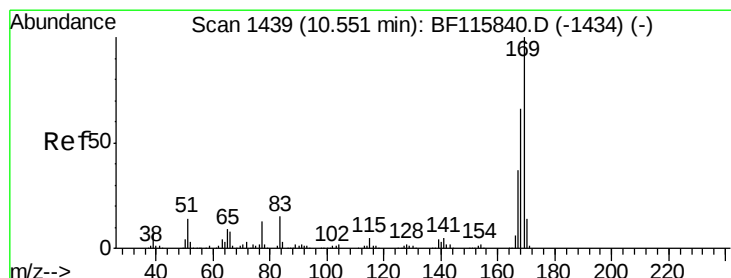
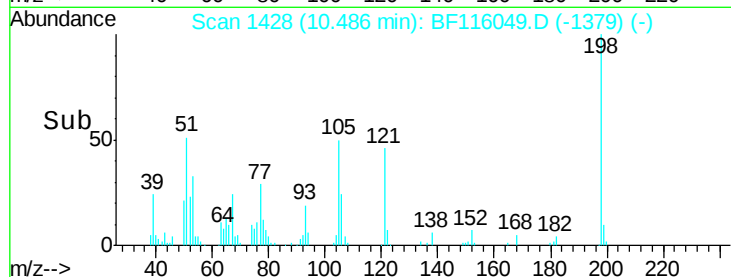
0

10.40

10.50

10.60

Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.597 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

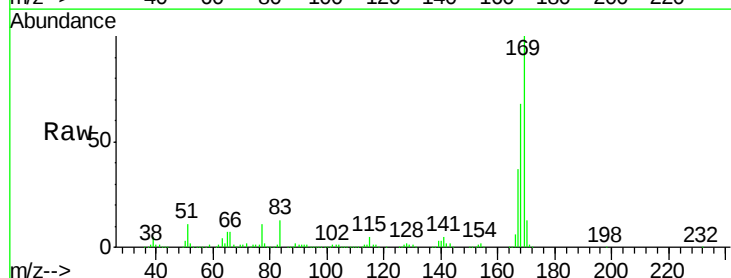
Tgt Ion:169 Resp: 634598

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

167 36.9 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

800000

600000

400000

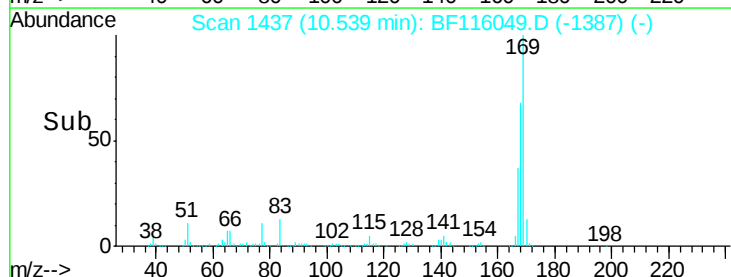
200000

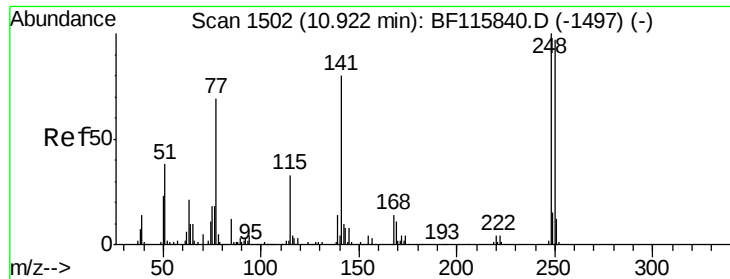
0

10.50

10.60

Time-->





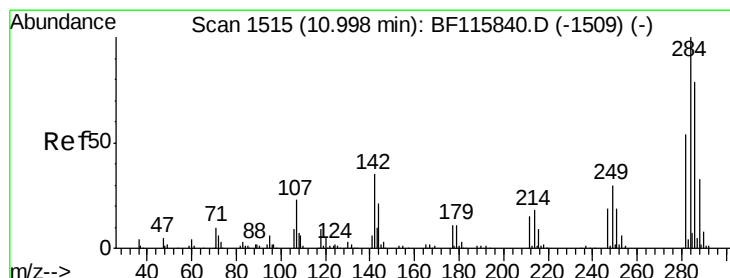
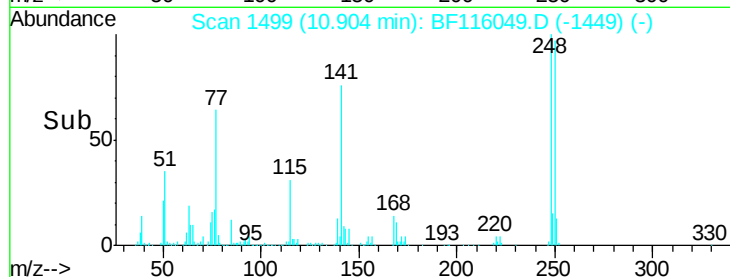
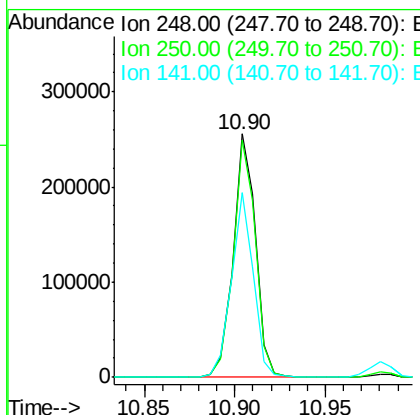
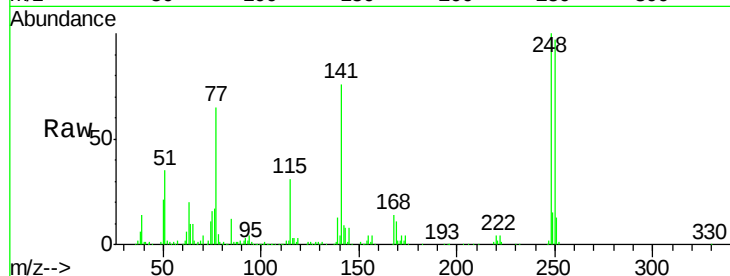
#67
4-Bromophenyl-phenylether
Concen: 42.474 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.2
141	76.0	56.8	85.2

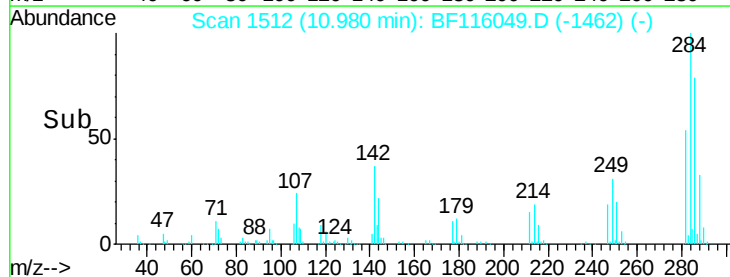
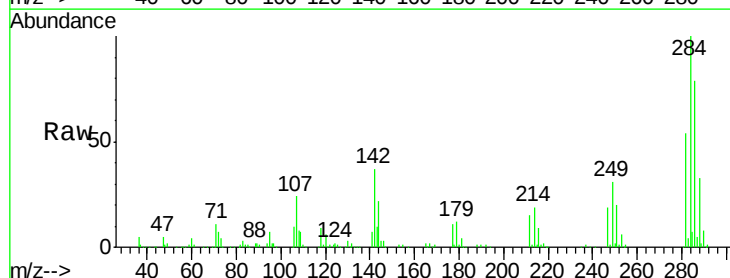
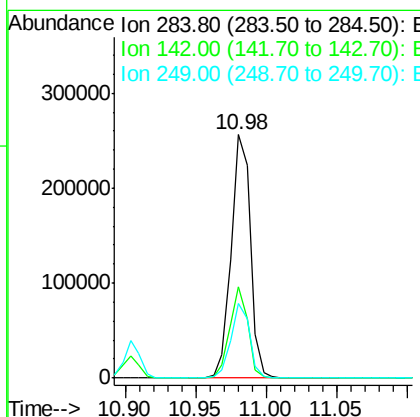
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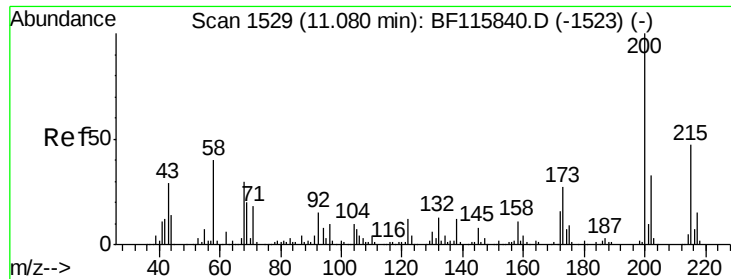
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#68
Hexachlorobenzene
Concen: 40.673 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.4	28.4	42.6
249	30.5	24.5	36.7





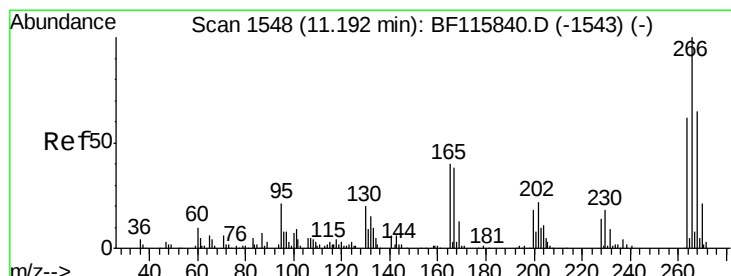
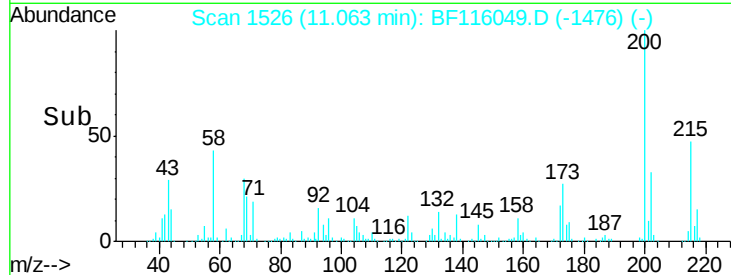
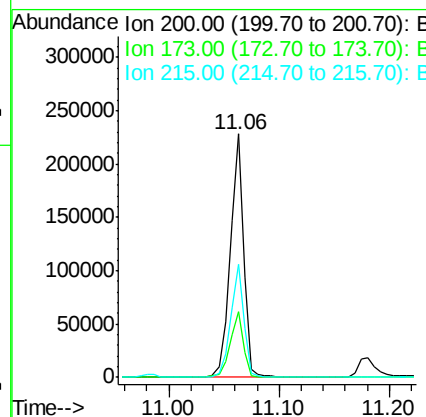
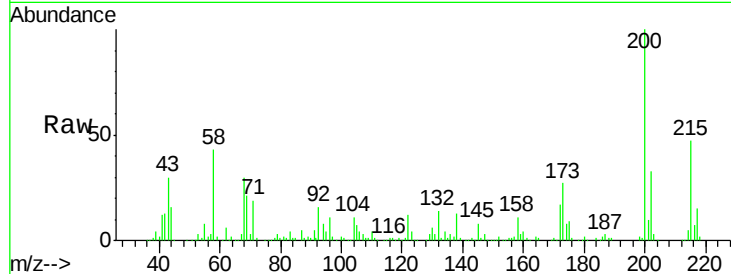
#69
 Atrazine
 Concen: 40.511 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.8	46.8
215	46.6	27.5	67.5

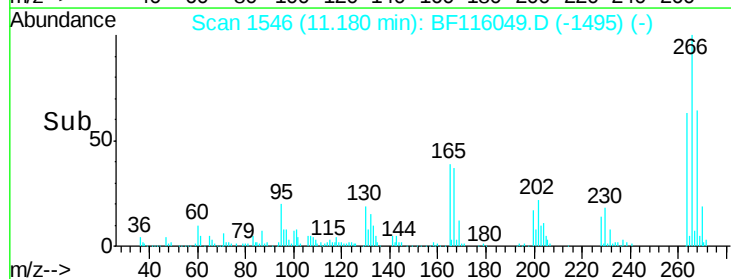
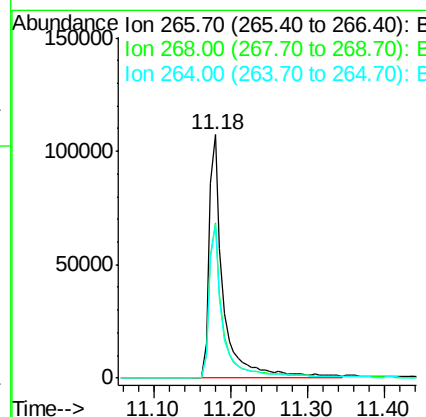
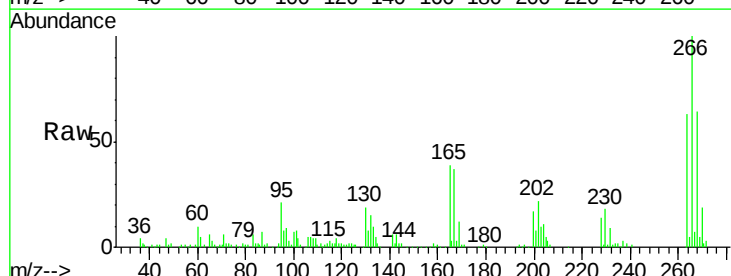
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#70
 Pentachlorophenol
 Concen: 47.448 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	48.8	73.2
264	63.3	50.6	76.0





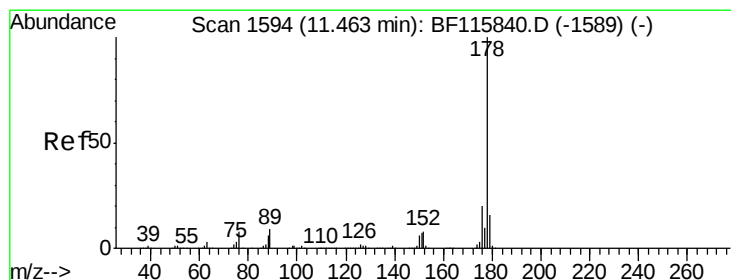
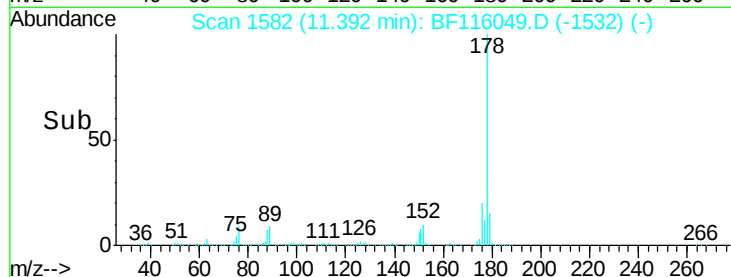
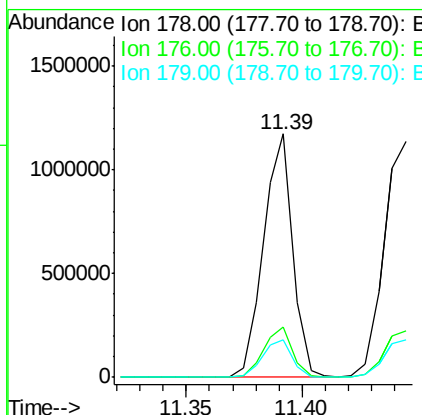
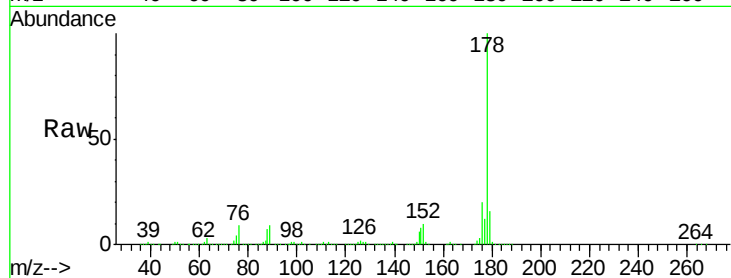
#71
Phenanthrene
Concen: 41.757 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion:178 Resp: 1032352
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 15.5 12.5 18.7

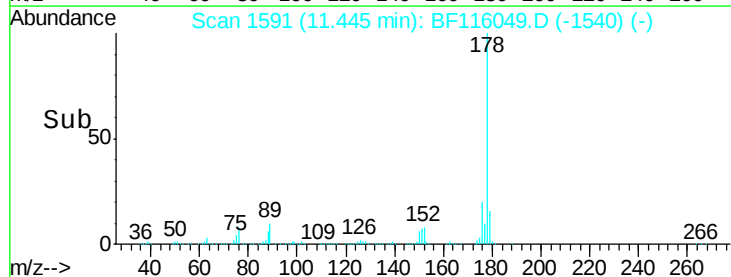
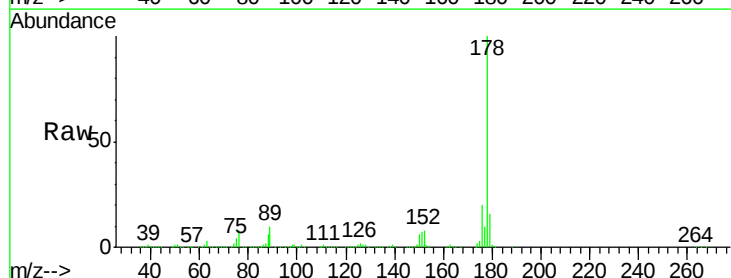
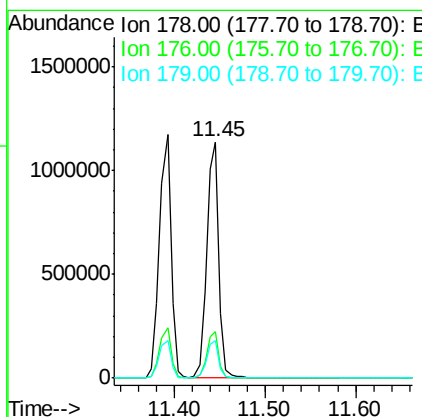
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#72
Anthracene
Concen: 42.764 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion:178 Resp: 1069994
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.7 13.0 19.6





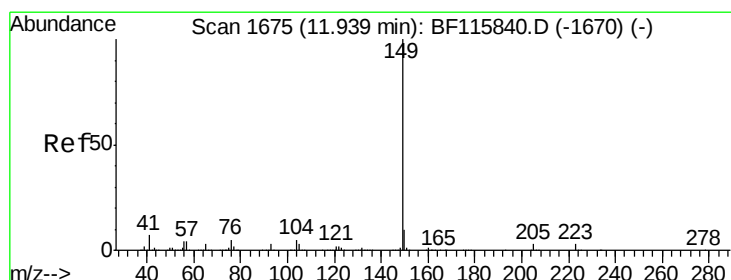
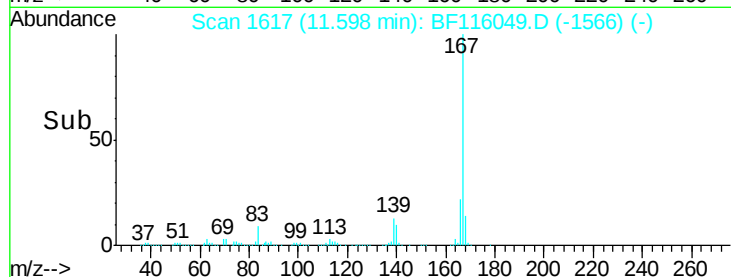
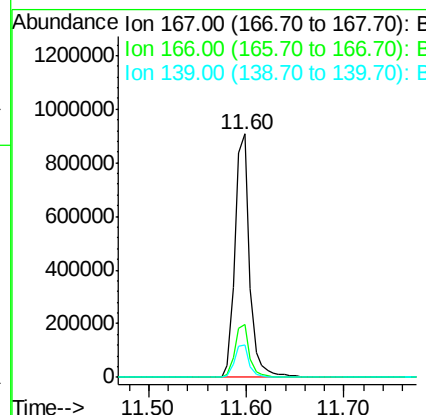
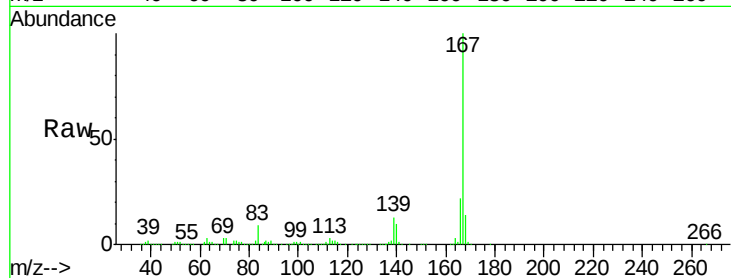
#73
 Carbazole
 Concen: 41.882 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.5	11.4	17.0

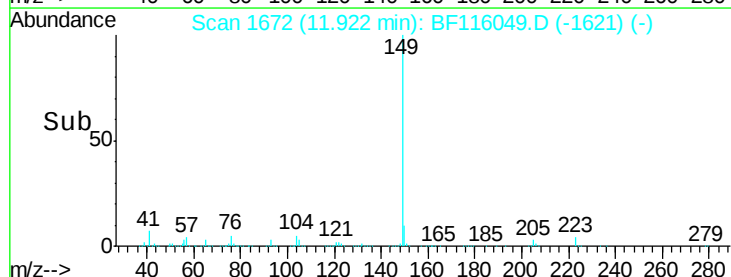
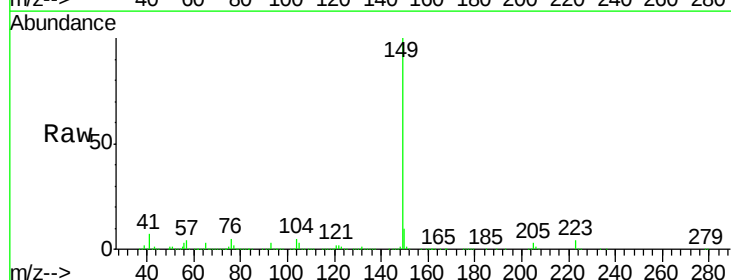
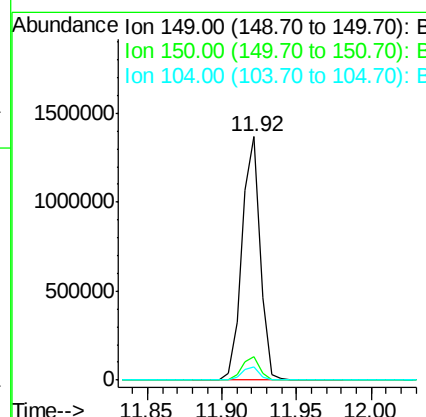
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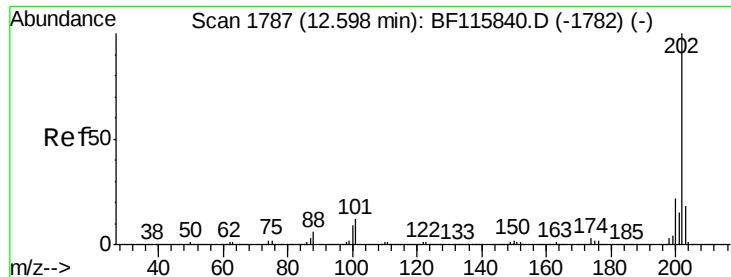
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#74
 Di-n-butylphthalate
 Concen: 44.270 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.3	4.5	6.7





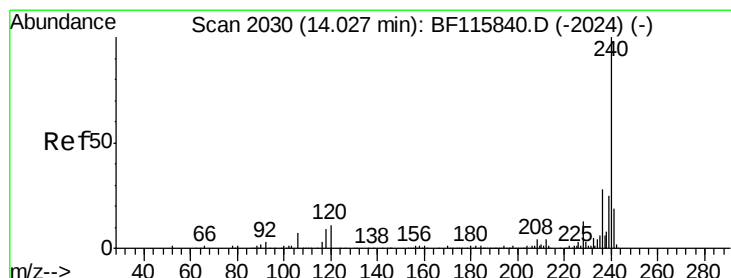
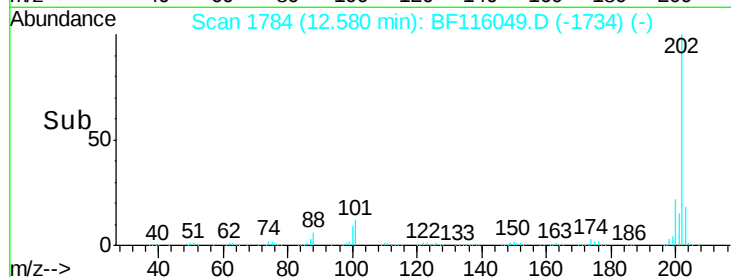
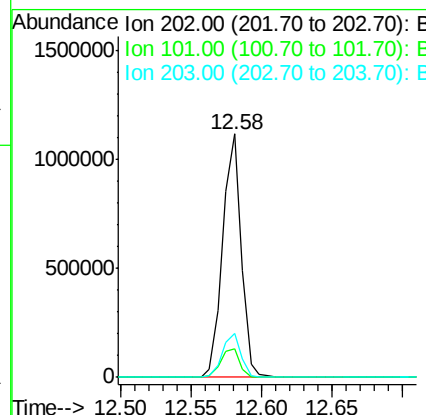
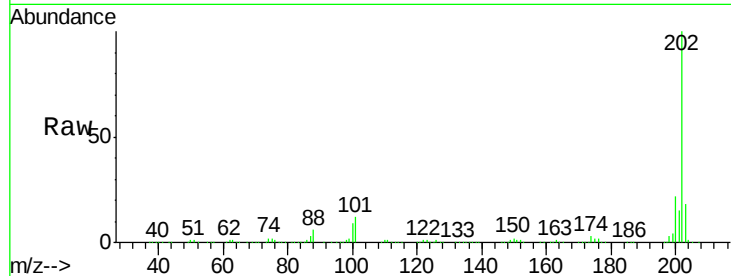
#75
 Fluoranthene
 Concen: 39.704 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1027622		
101	12.0		0.0	31.2
203	17.8		0.0	37.8

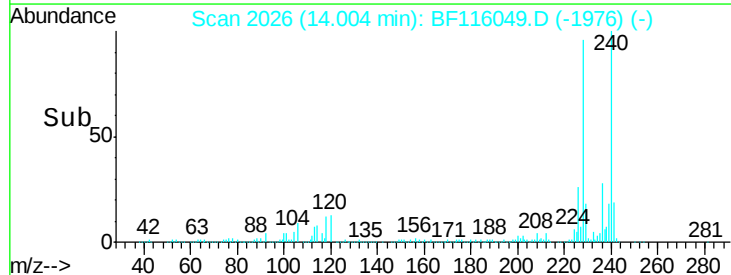
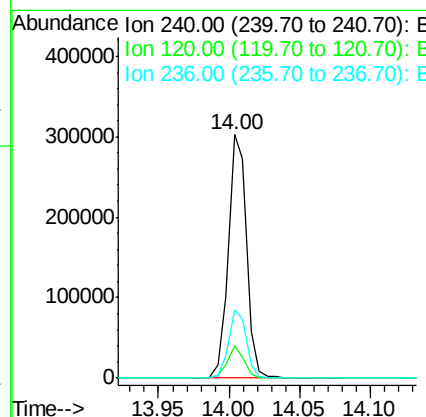
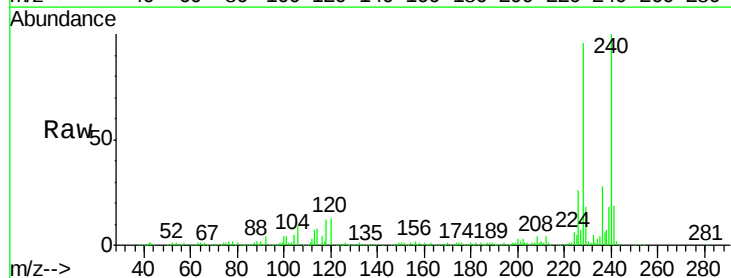
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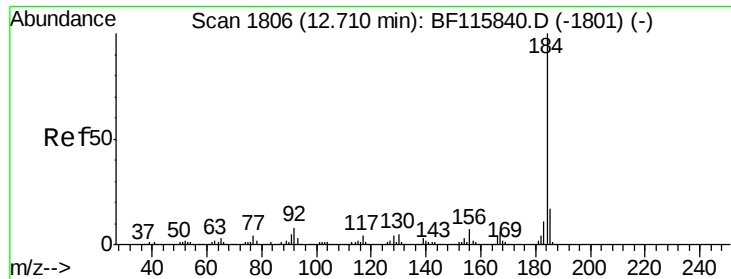
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	270411		
120	13.4		10.7	16.1
236	27.9		22.2	33.2





#77

Benzidine

Concen: 40.947 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

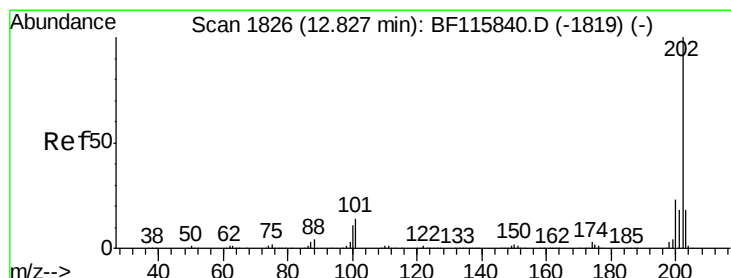
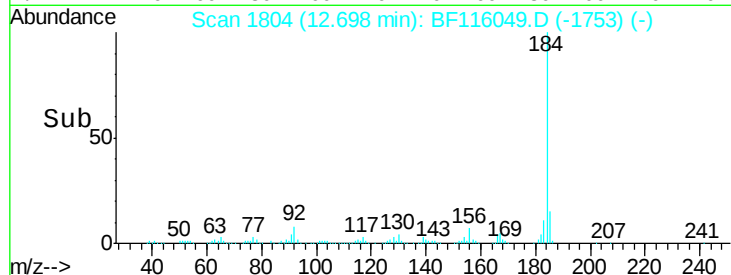
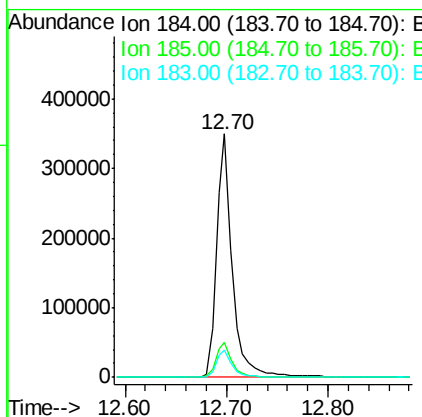
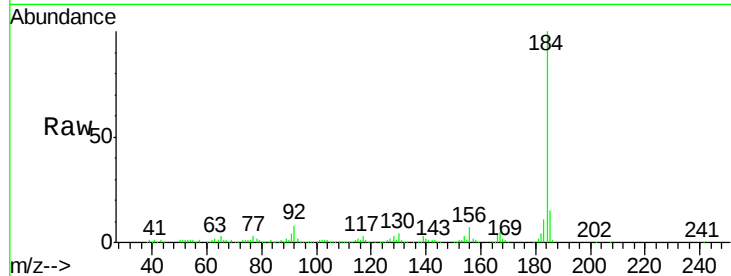
ClientSampleId :

RBR-200051MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.8	19.2
183	11.5	9.4	14.0

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#78

Pyrene

Concen: 50.319 ng

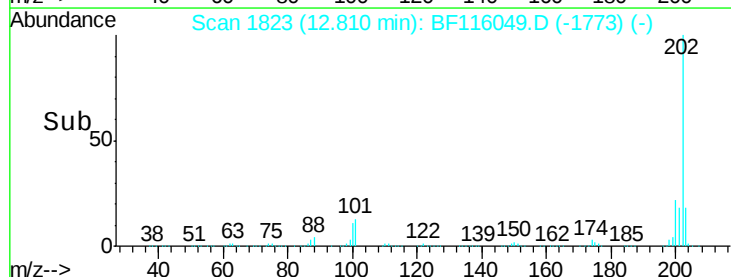
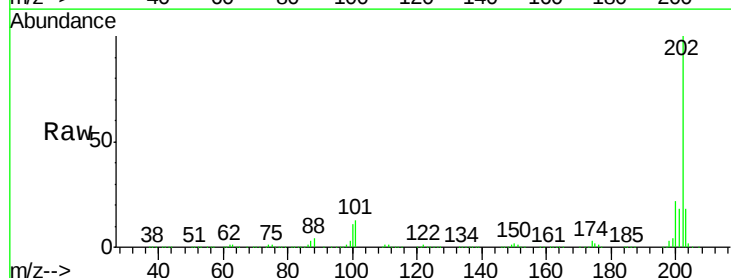
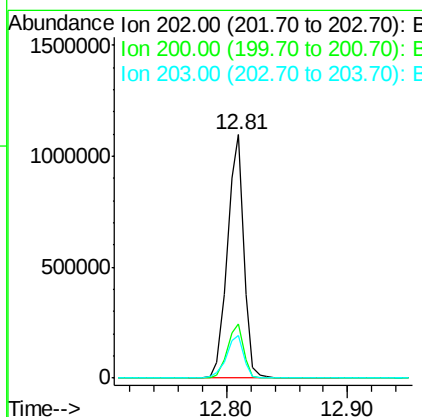
RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.0	27.0
203	17.7	14.1	21.1





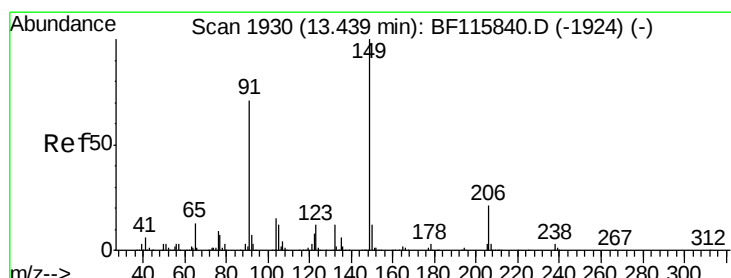
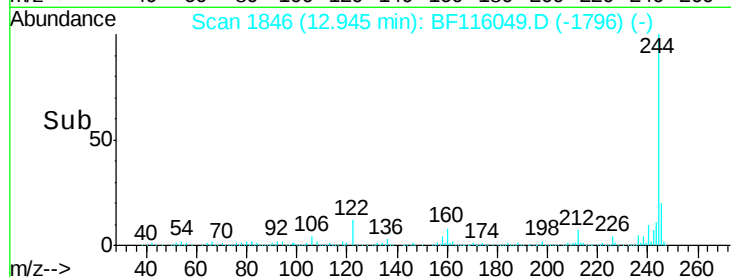
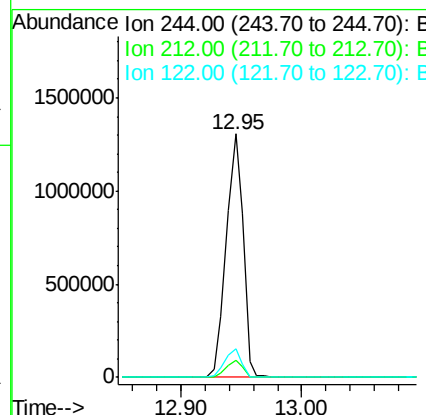
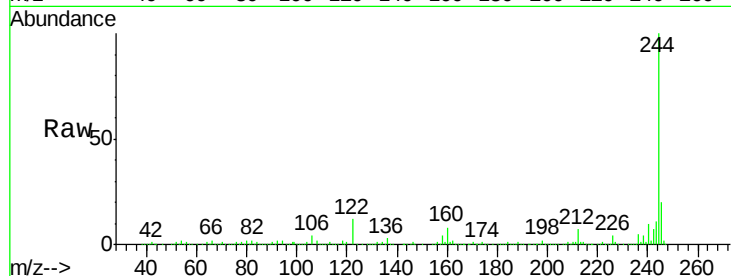
#79
 Terphenyl-d14
 Concen: 98.080 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.0	9.0	13.4

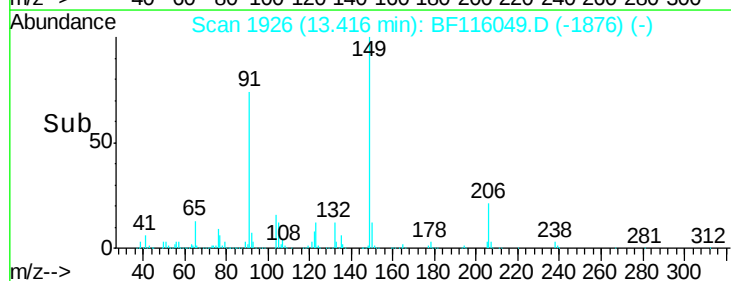
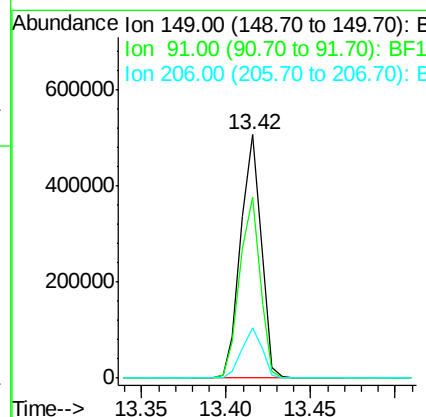
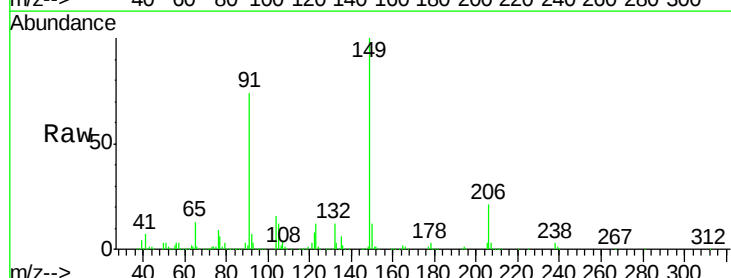
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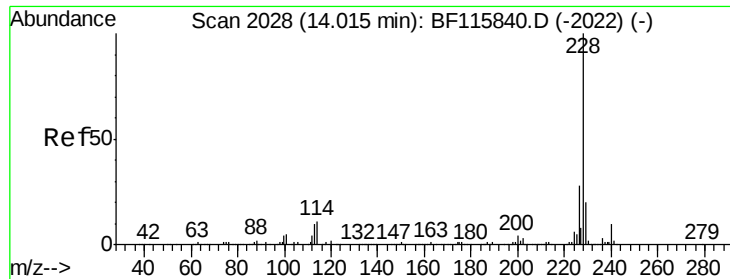
mohammad
 8/8/2019 4:46:48 PM



#80
 Butylbenzylphthalate
 Concen: 49.872 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.2	56.3	84.5
206	20.7	18.0	27.0





#81

Benzo(a)anthracene

Concen: 42.914 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Instrument :

BNA_F

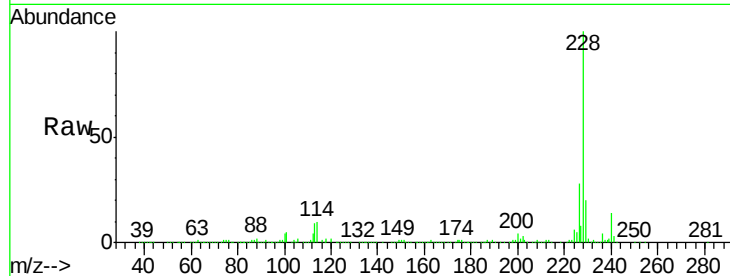
ClientSampleId :

RBR-200051MS

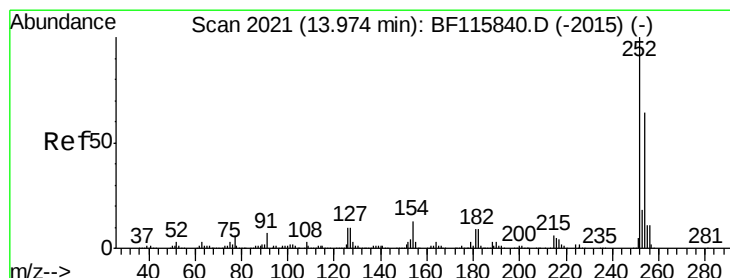
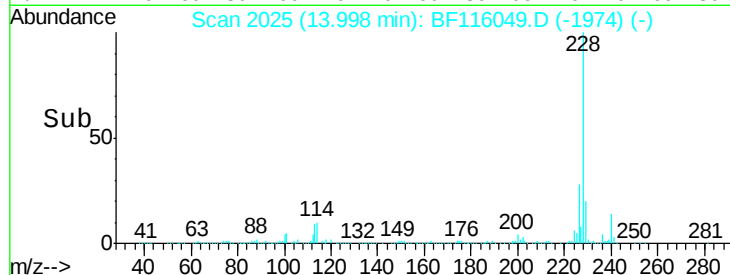
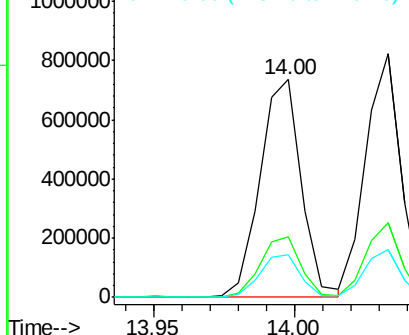
Tot Ion:	228	Resp:	741708
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.7	34.1
229	19.8	16.2	24.4

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



#82

3,3'-Dichlorobenzidine

Concen: 36.379 ng

RT: 13.95 min Scan# 2017

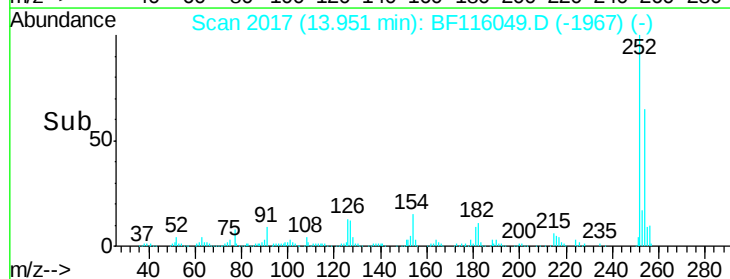
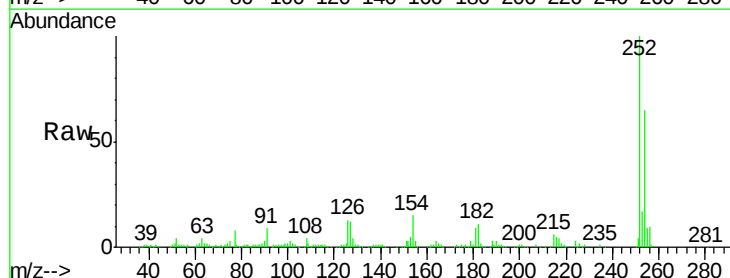
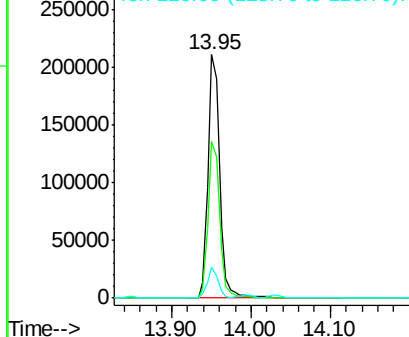
Delta R.T. -0.01 min

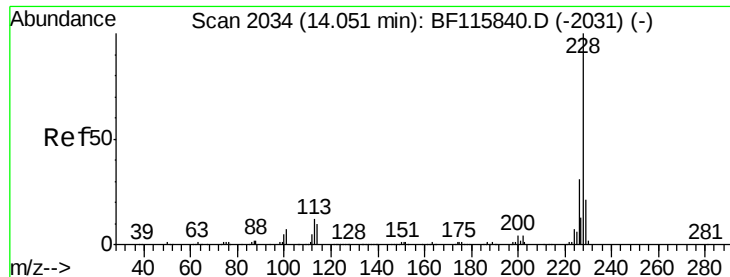
Lab File: BF116049.D

Acq: 7 Aug 2019 15:01

Tgt Ion:	252	Resp:	218443
Ion Ratio	Lower	Upper	
252	100		
254	64.5	50.9	76.3
126	12.8	9.8	14.8

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





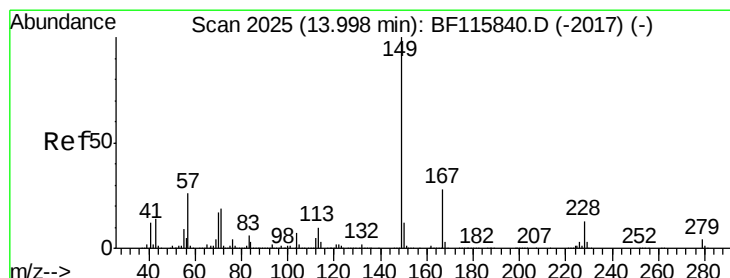
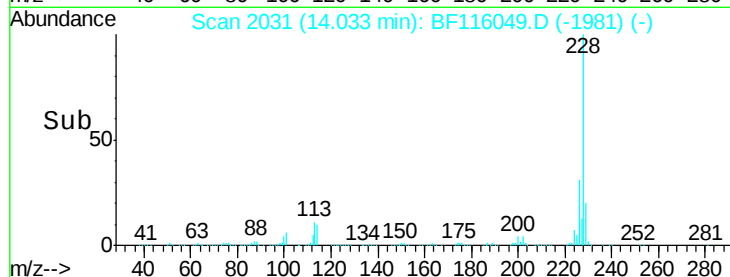
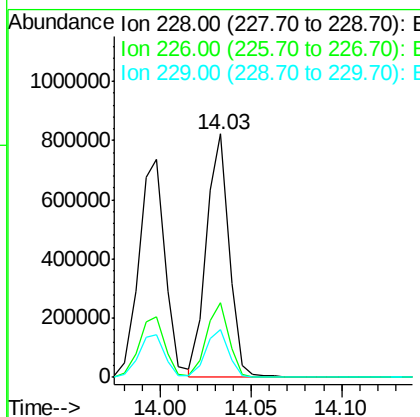
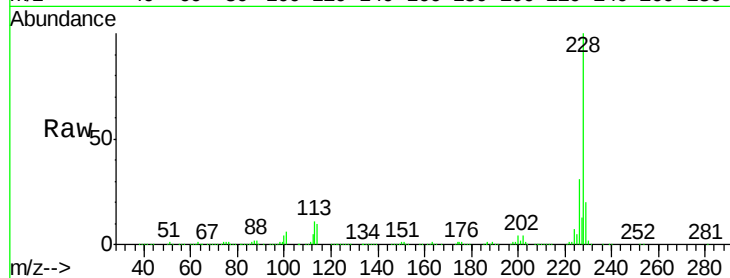
#83
 Chrvsene
 Concen: 42.569 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	19.7	16.6	24.8

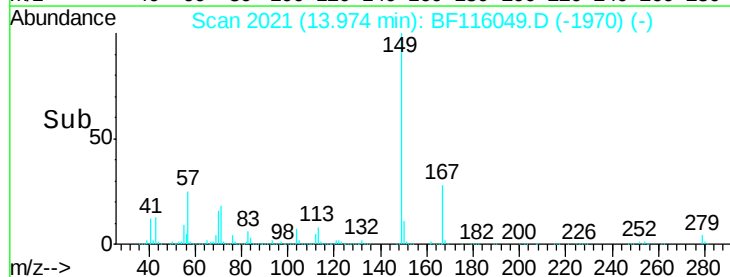
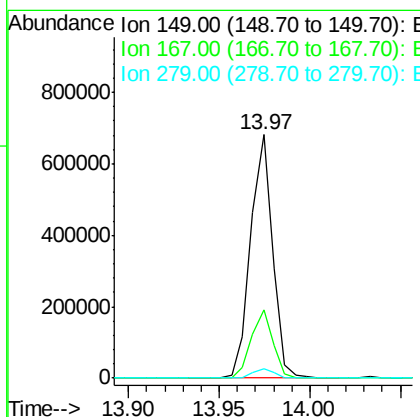
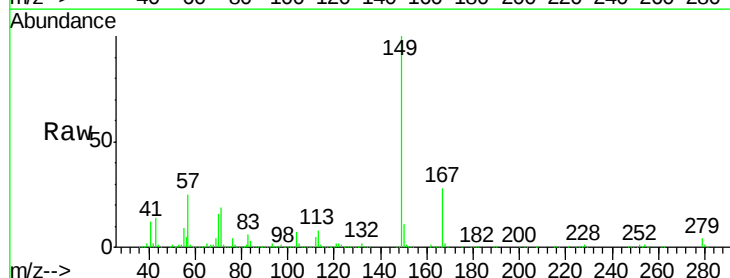
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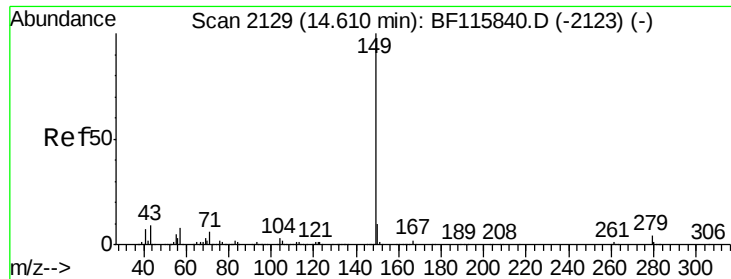
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.262 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF116049.D
 Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.6	32.4
279	4.0	3.0	4.4





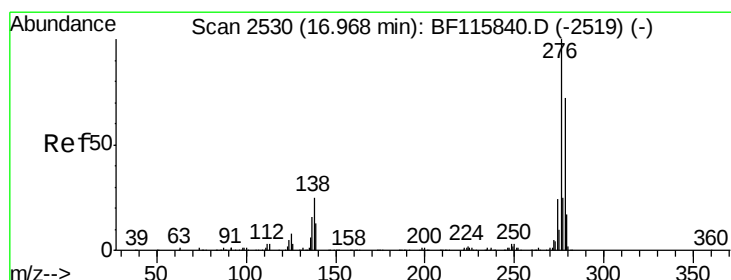
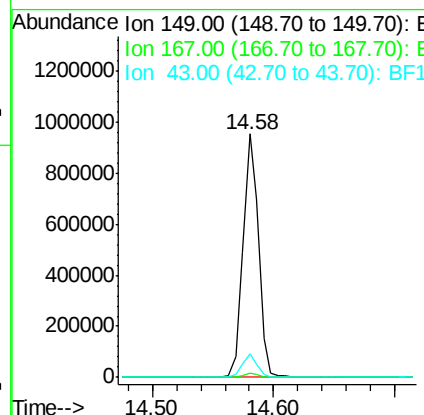
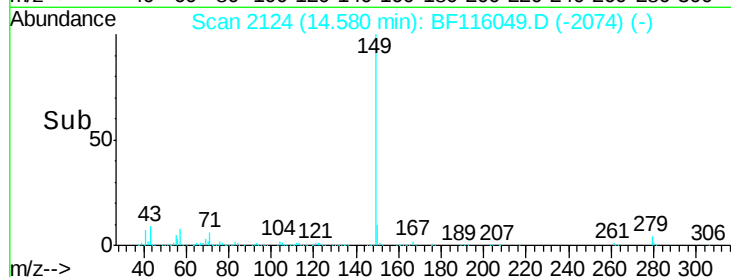
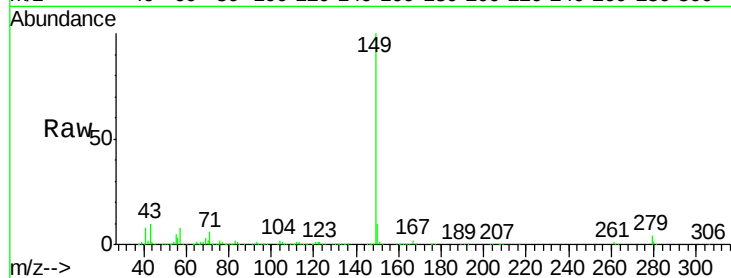
#85
Di-n-octyl phthalate
Concen: 48.021 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	854644		
167	1.6		1.4	2.0
43	8.9		7.5	11.3

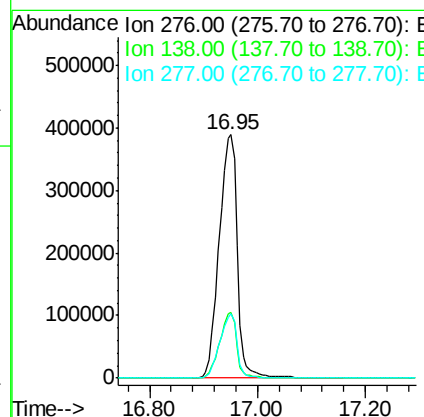
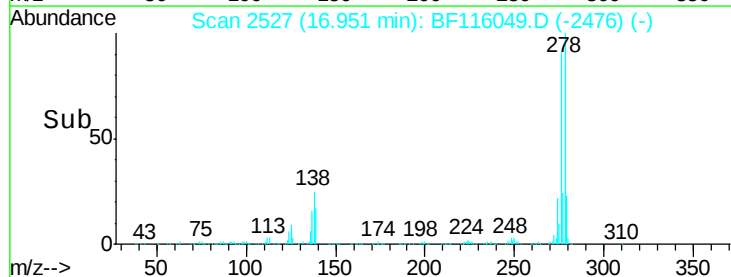
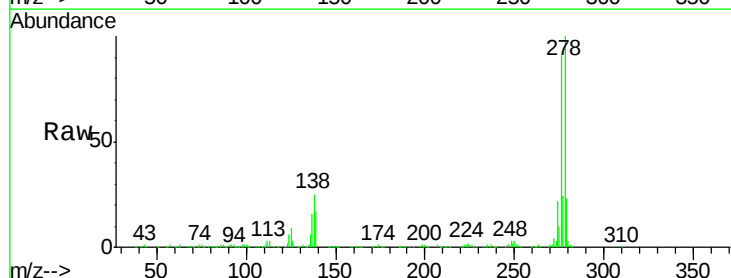
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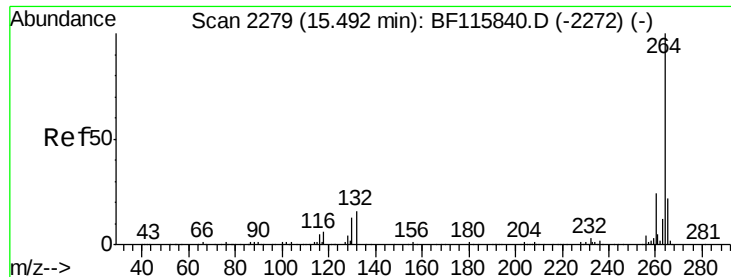
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#86
Indeno(1,2,3-cd)pyrene
Concen: 65.374 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	921333		
138	25.4		20.4	30.6
277	25.3		20.0	30.0





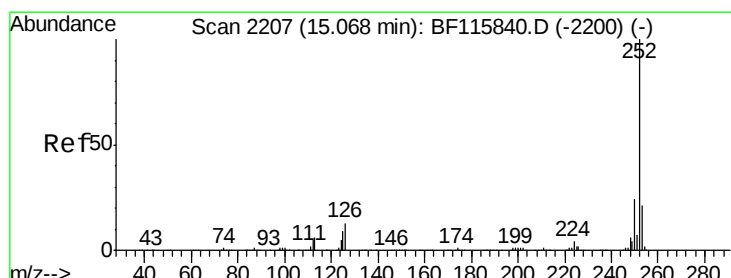
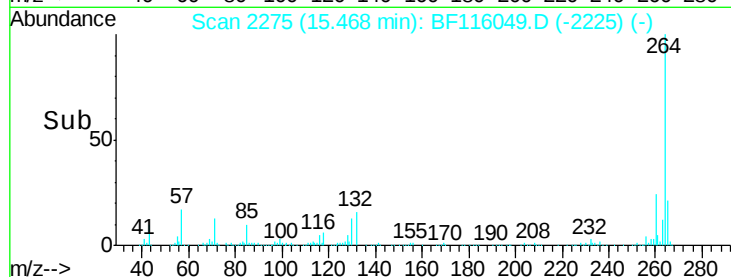
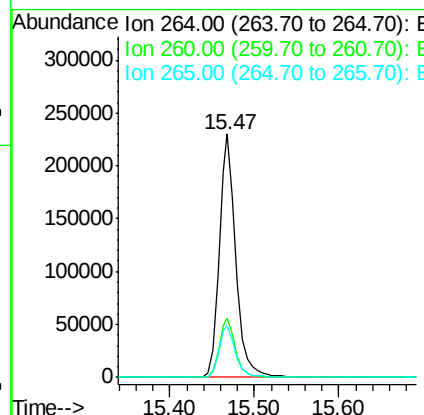
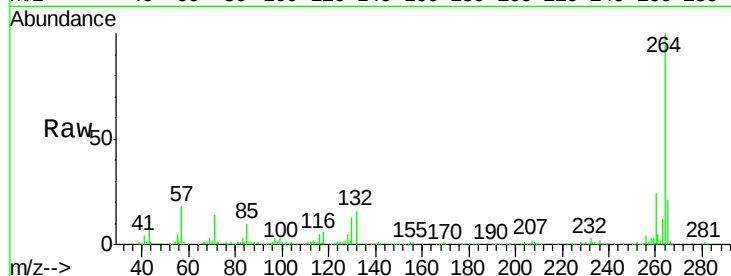
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.1	17.4	26.0

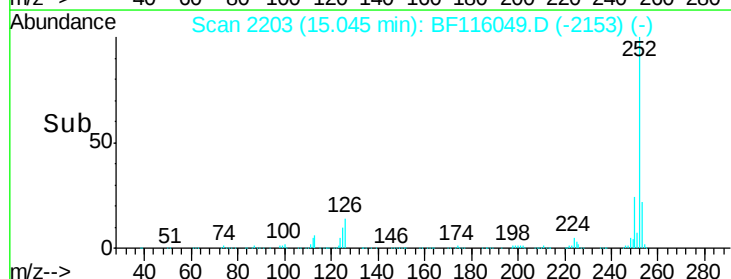
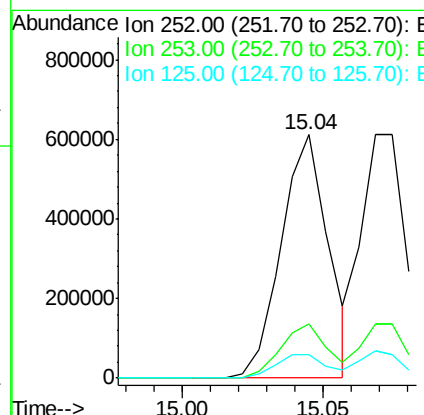
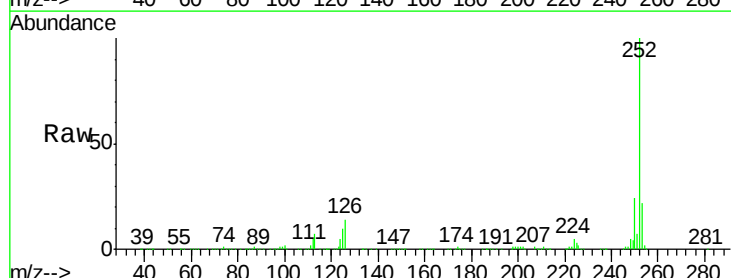
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#88
Benzo(b)fluoranthene
Concen: 38.623 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.9	8.4	12.6





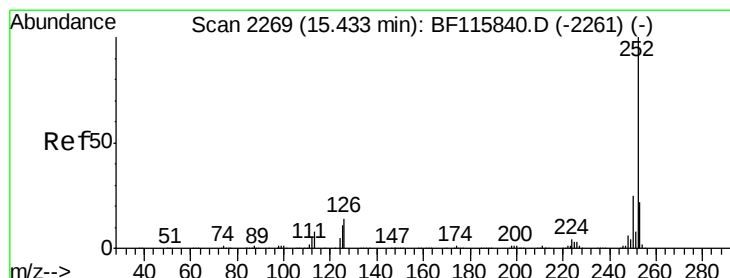
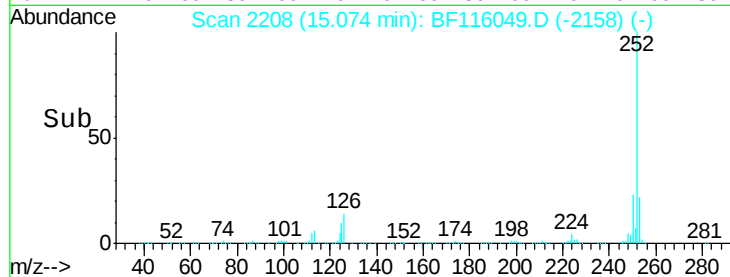
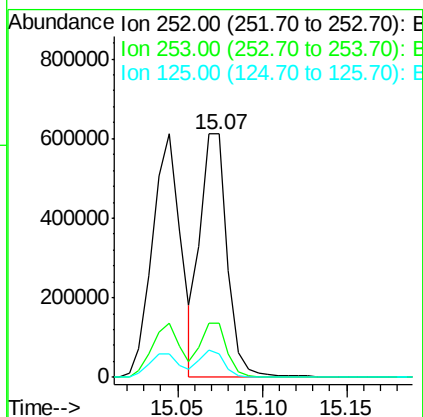
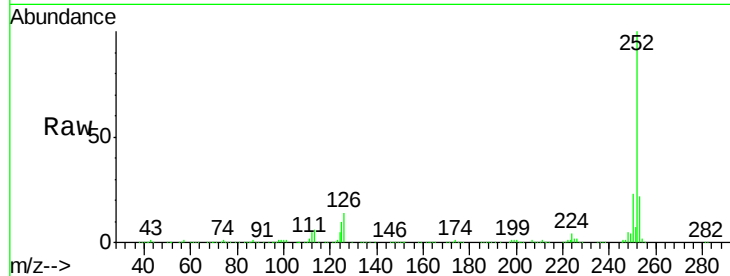
#89
Benzo(k)fluoranthene
Concen: 38.002 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.5	7.7	11.5

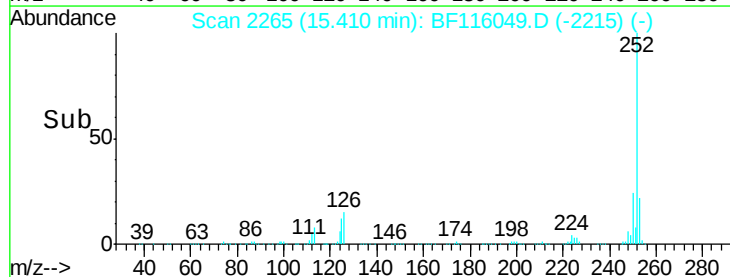
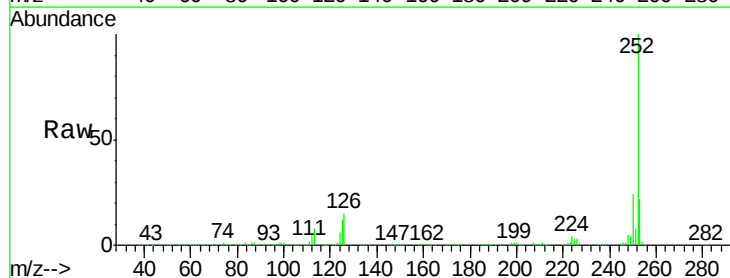
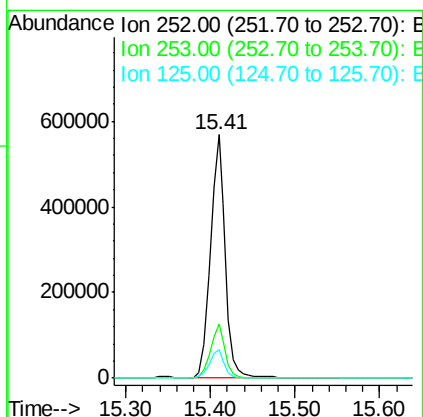
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#90
Benzo(a)pyrene
Concen: 43.100 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.5	8.9	13.3





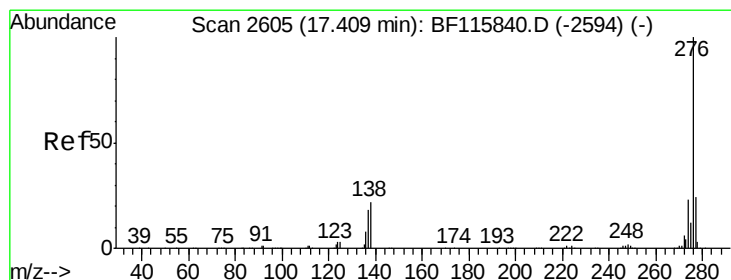
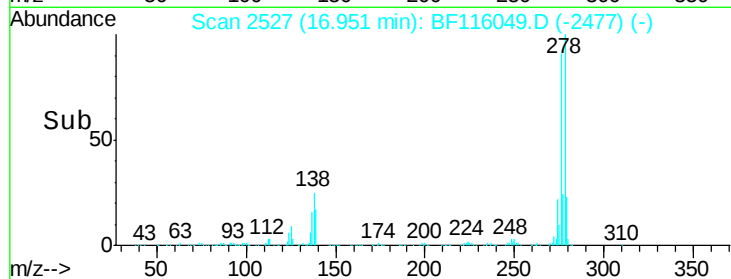
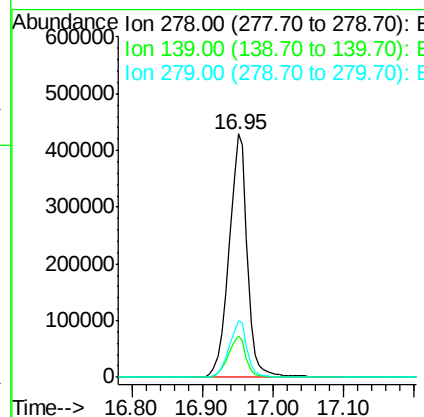
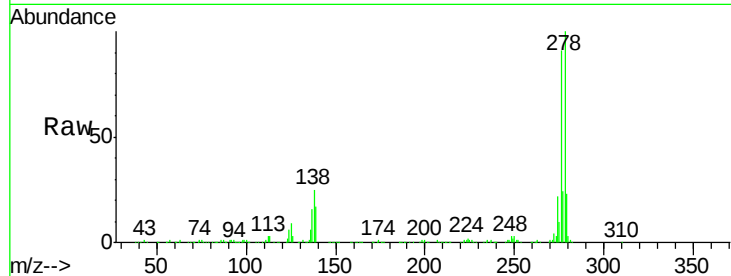
#91
Dibenzo(a,h)anthracene
Concen: 54.507 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.8	19.2
279	23.3	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 56.759 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BF116049.D
Acq: 7 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	22.2	17.0	25.6

