

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119216.D
 Acq On : 5 Mar 2020 16:04
 Operator : CG/JU
 Sample : PB127285BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:27:03 AM

Quant Time: Mar 06 06:55:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123102	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	485003	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	279746	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	534385	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	381629	20.00	ng	-0.01
87) Perylene-d12	15.31	264	321297	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	939780	127.58	ng	0.00
7) Phenol-d6	6.39	99	1129866	126.12	ng	-0.01
23) Nitrobenzene-d5	7.29	82	687872	74.89	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	448787	122.63	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1426542	75.12	ng	-0.02
79) Terphenyl-d14	12.83	244	1750153	78.96	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.49	88	131464	40.085 ng	99
3) Pyridine	3.23	79	315870	35.266 ng	98
4) n-Nitrosodimethylamine	3.16	42	127680	47.057 ng	94
6) Aniline	6.39	93	344311	31.147 ng	# 81
8) 2-Chlorophenol	6.52	128	385440	48.486 ng	98
9) Benzaldehyde	6.27	77	167647	28.009 ng	98
10) Phenol	6.40	94	457279	47.211 ng	82
11) bis(2-Chloroethyl)ether	6.47	93	348336	47.002 ng	99
12) 1,3-Dichlorobenzene	6.67	146	416551	43.719 ng	99
13) 1,4-Dichlorobenzene	6.75	146	425586	44.636 ng	98
14) 1,2-Dichlorobenzene	6.90	146	391587	45.033 ng	99
15) Benzyl Alcohol	6.88	79	322930	49.876 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	278355	43.358 ng	# 18
17) 2-Methylphenol	7.00	107	317924	49.328 ng	94
18) Hexachloroethane	7.23	117	151945	44.544 ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	266403	51.033 ng	98
20) 3+4-Methylphenols	7.16	107	417253	52.843 ng	# 86
22) Acetophenone	7.14	105	525255	46.807 ng	# 95
24) Nitrobenzene	7.31	77	405725	44.665 ng	96
25) Isophorone	7.55	82	732680	45.928 ng	98
26) 2-Nitrophenol	7.63	139	218544	45.407 ng	97
27) 2,4-Dimethylphenol	7.68	122	340796	52.173 ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	447840	43.130 ng	98
29) 2,4-Dichlorophenol	7.88	162	350986	45.643 ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	379865	41.664 ng	97
31) Naphthalene	8.03	128	1126620	44.790 ng	99
32) Benzoic acid	7.85	122	180067	39.202 ng	97
33) 4-Chloroaniline	8.09	127	290083	26.814 ng	98
34) Hexachlorobutadiene	8.15	225	230356	40.561 ng	97
35) Caprolactam	8.47	113	105836m	44.698 ng	
36) 4-Chloro-3-methylphenol	8.59	107	375911	48.302 ng	98
37) 2-Methylnaphthalene	8.72	142	788727	46.595 ng	98
38) 1-Methylnaphthalene	8.82	142	736307	46.252 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	387642	41.099 ng	100

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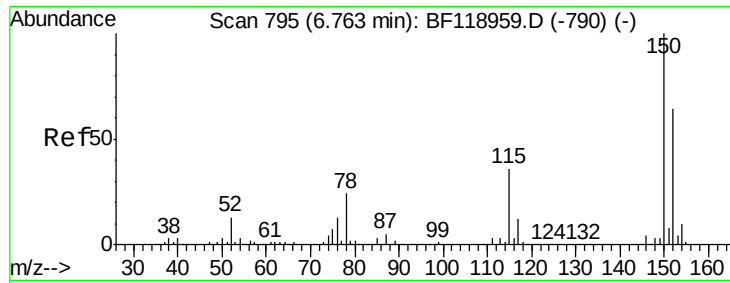
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	197310	60.117	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	244652	41.075	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	255215	40.833	nq	99
46) 1,1'-Biphenyl	9.19	154	956009	42.284	nq	99
47) 2-Chloronaphthalene	9.22	162	769675	42.244	nq	97
48) 2-Nitroaniline	9.32	65	222766	43.836	nq	98
49) Acenaphthylene	9.63	152	1173108	44.580	nq	99
50) Dimethylphthalate	9.49	163	953071	44.554	nq	99
51) 2,6-Dinitrotoluene	9.56	165	213252	44.871	nq #	86
52) Acenaphthene	9.80	154	691472	43.579	nq	99
53) 3-Nitroaniline	9.73	138	144374	27.402	nq	94
54) 2,4-Dinitrophenol	9.85	184	163620	71.692	nq #	91
55) Dibenzofuran	9.97	168	1033429	43.635	nq	99
56) 4-Nitrophenol	9.92	139	196923	62.207	nq	94
57) 2,4-Dinitrotoluene	9.97	165	265966	43.175	nq	91
58) Fluorene	10.32	166	845331	45.934	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	228685	43.362	nq	97
60) Diethylphthalate	10.19	149	914216	45.350	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	440078	45.177	nq	95
62) 4-Nitroaniline	10.35	138	186553	34.607	nq	97
63) Azobenzene	10.46	77	814118	46.461	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	148301	45.862	nq	96
66) n-Nitrosodiphenylamine	10.43	169	767848	43.883	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	289391	41.430	nq	94
68) Hexachlorobenzene	10.87	284	331658	41.182	nq	98
69) Atrazine	10.96	200	271065	44.339	nq	98
70) Pentachlorophenol	11.07	266	222571	68.607	nq	98
71) Phenanthrene	11.27	178	1257308	43.143	nq	98
72) Anthracene	11.33	178	1279051	43.926	nq	98
73) Carbazole	11.49	167	1124650	43.354	nq	98
74) Di-n-butylphthalate	11.81	149	1402121	44.633	nq	98
75) Fluoranthene	12.46	202	1332355	43.071	nq	99
77) Benzidine	12.58	184	487147	31.387	nq	99
78) Pyrene	12.69	202	1336717	43.620	nq	99
80) Butylbenzylphthalate	13.30	149	589231	45.686	nq	94
81) Benzo(a)anthracene	13.88	228	1170049	44.997	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	325907	32.277	nq	99
83) Chrysene	13.92	228	1112054	42.920	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	812538	49.867	nq	99
85) Di-n-octyl phthalate	14.47	149	1291744	49.757	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	891594	35.539	nq	100
88) Benzo(b)fluoranthene	14.91	252	1020352	48.179	nq	98
89) Benzo(k)fluoranthene	14.94	252	956675	48.745	nq	99
90) Benzo(a)pyrene	15.26	252	848708	44.403	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	748640	44.514	nq	99
92) Benzo(g,h,i)perylene	17.14	276	735047	44.235	nq	100

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



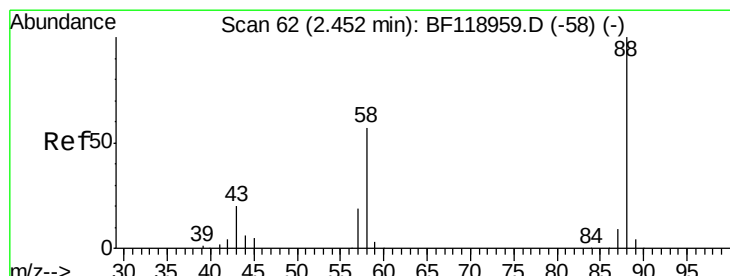
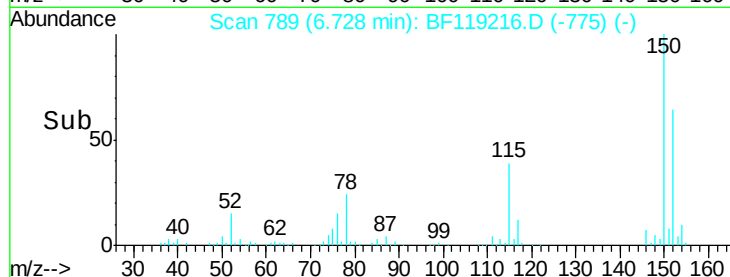
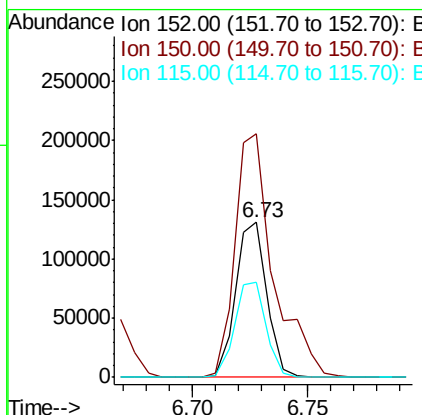
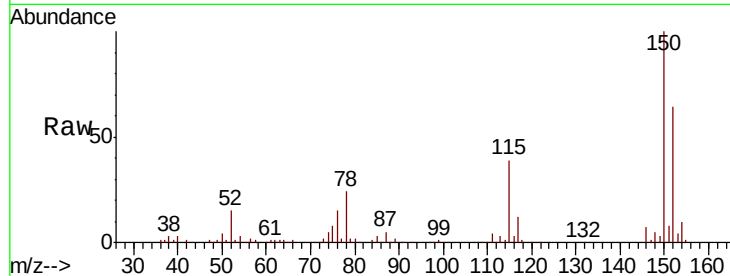
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.6
115	61.0	49.5	74.3

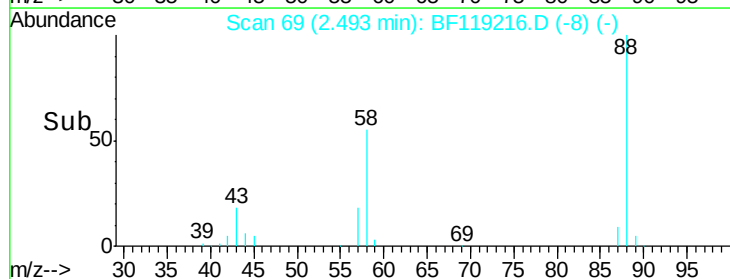
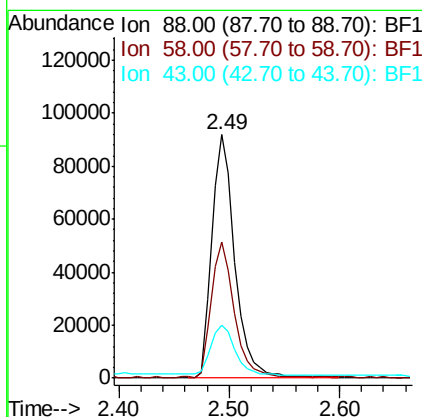
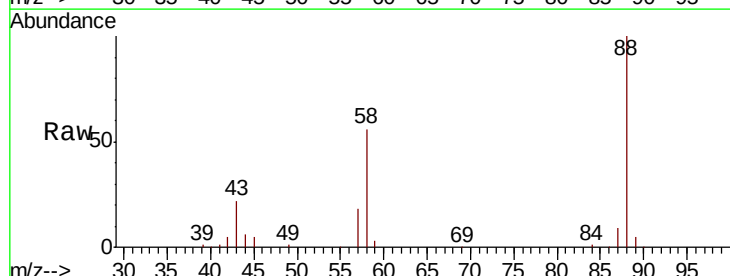
Manual Integrations
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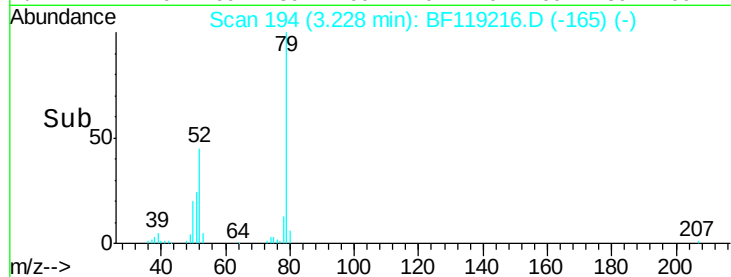
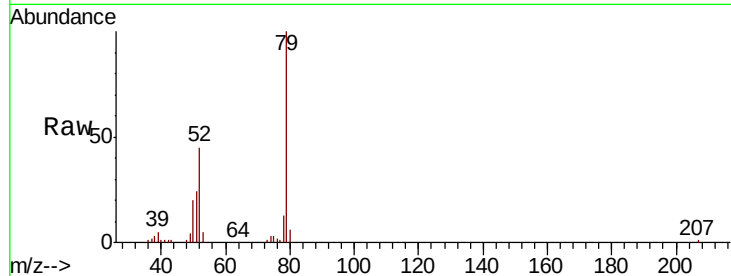
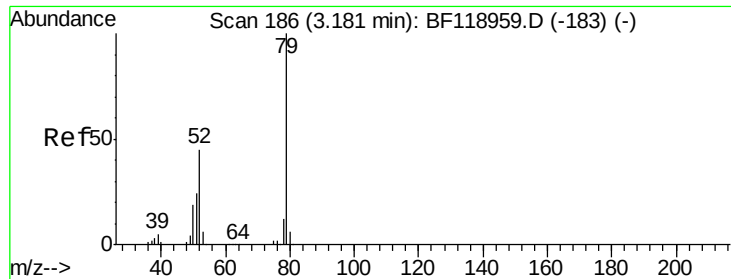
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#2
 1,4-Dioxane
 Concen: 40.085 ng
 RT: 2.49 min Scan# 69
 Delta R.T. 0.06 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.3	43.8	65.6
43	20.7	16.2	24.4





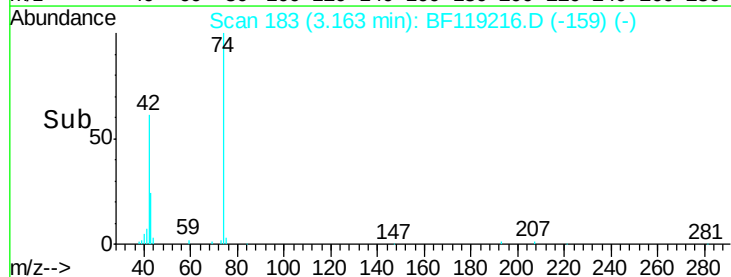
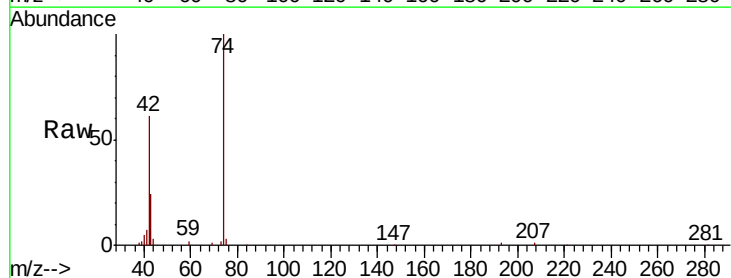
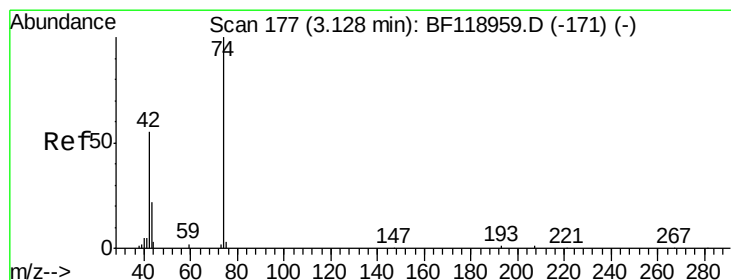
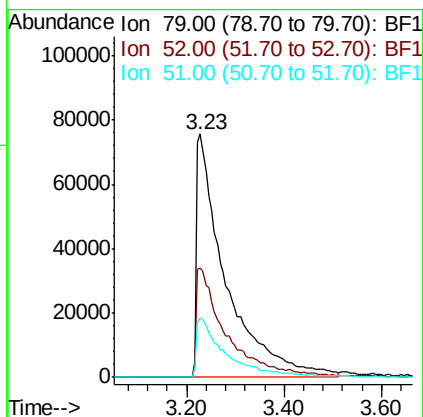
#3
 Pvridine
 Concen: 35.266 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100	315870		
52	44.7		37.4	56.0
51	24.5		19.8	29.6

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

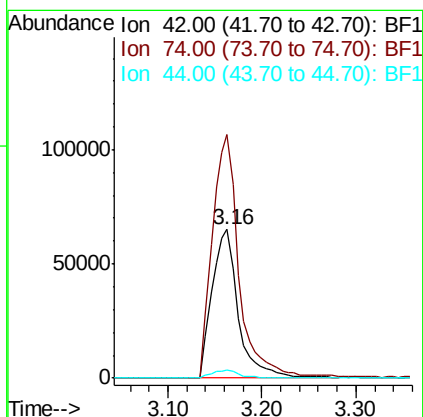
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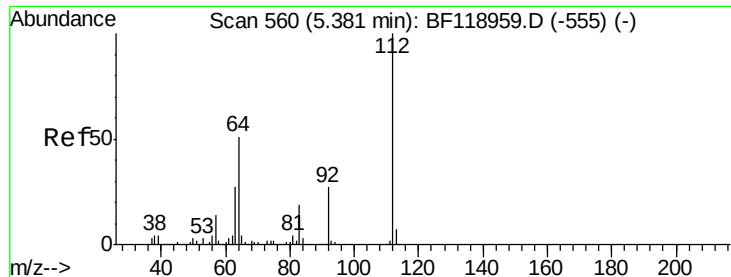
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#4
 n-Nitrosodimethylamine
 Concen: 47.057 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.04 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	127680		
74	163.9		137.7	206.5
44	5.4		4.5	6.7





#5

2-Fluorophenol

Concen: 127.580 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

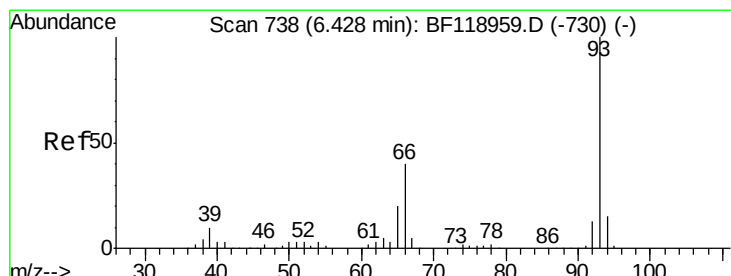
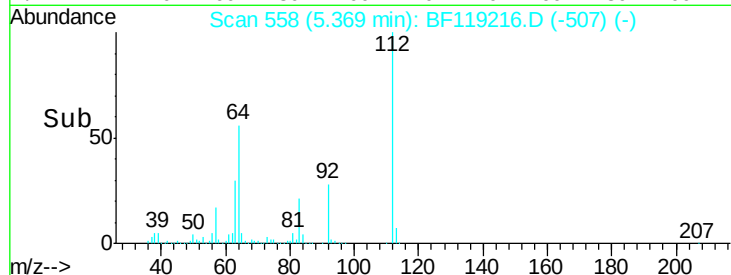
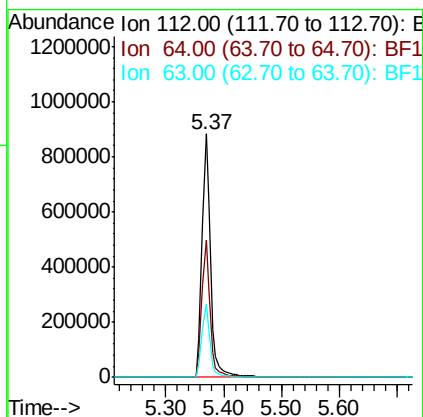
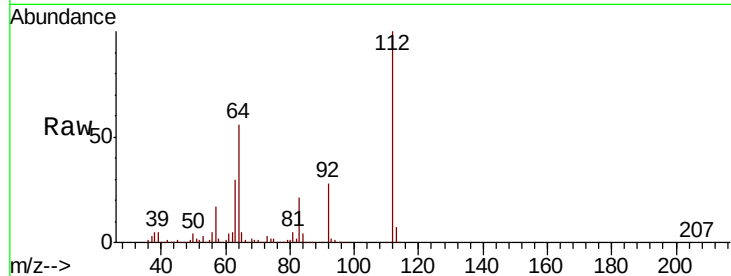
ClientSampleId :

PB127285BS

Tot Ion:	112	Resp:	939780
Ion Ratio	Lower	Upper	
112	100		
64	56.3	45.0	67.4
63	30.1	24.2	36.4

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#6

Aniline

Concen: 31.147 ng

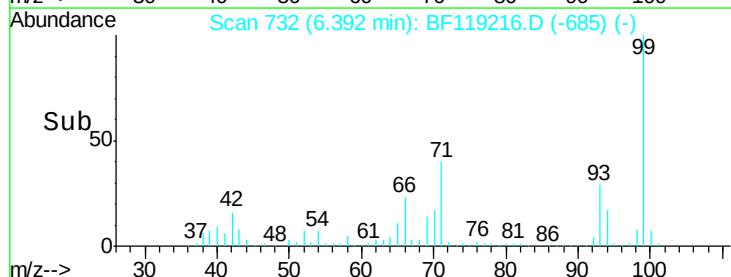
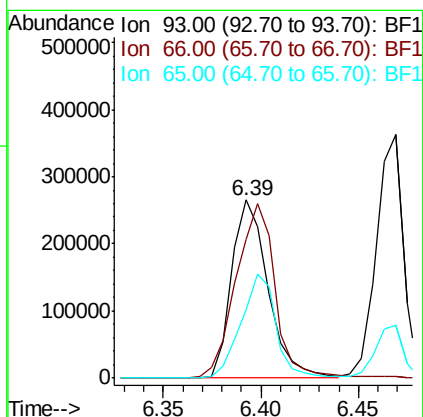
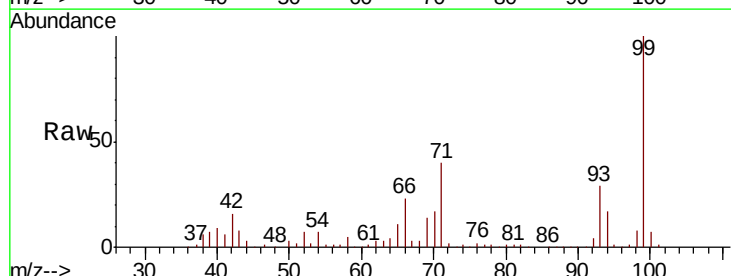
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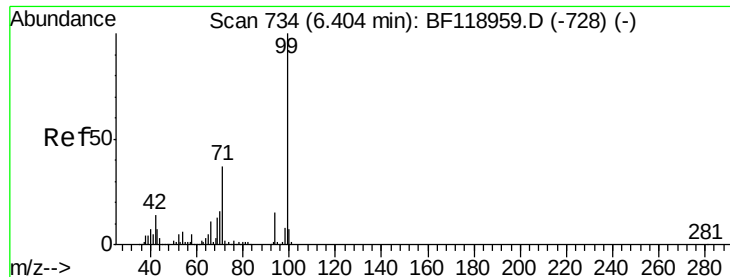
Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Tgt Ion:	93	Resp:	344311
Ion Ratio	Lower	Upper	
93	100		
66	77.9	74.5	111.7
65	38.6	45.3	67.9#





#7

Phenol-d6

Concen: 126.120 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

ClientSampleId :

PB127285BS

Tot Ion: 99 Resp: 1129866

Ion Ratio Lower Upper

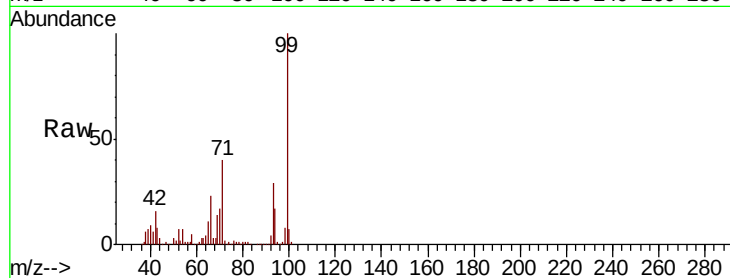
99 100

42 15.9 12.6 18.8

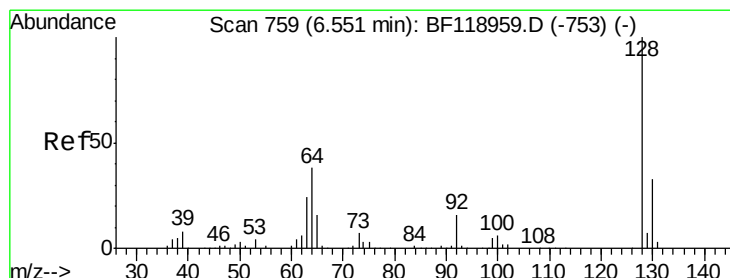
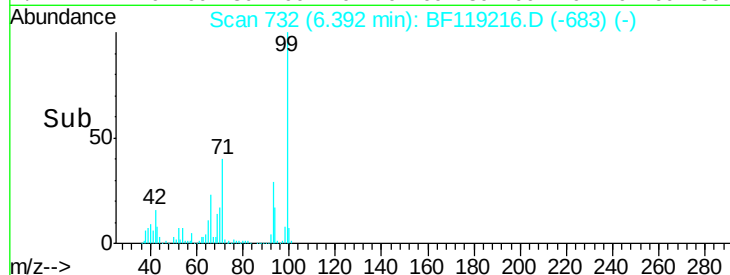
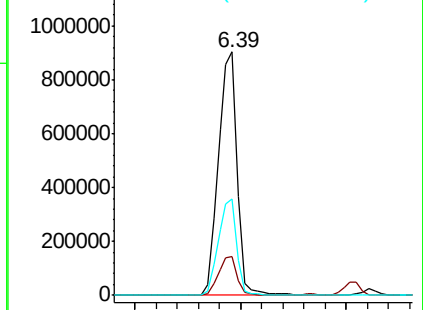
71 39.8 31.0 46.4

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.486 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

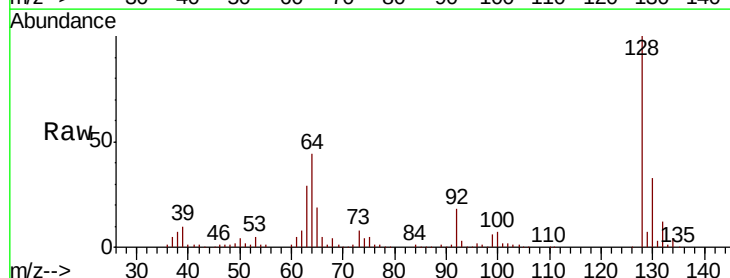
Tgt Ion: 128 Resp: 385440

Ion Ratio Lower Upper

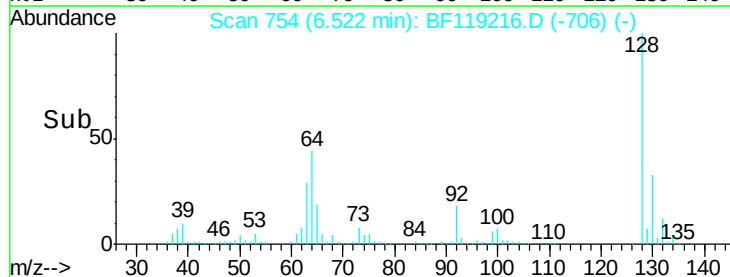
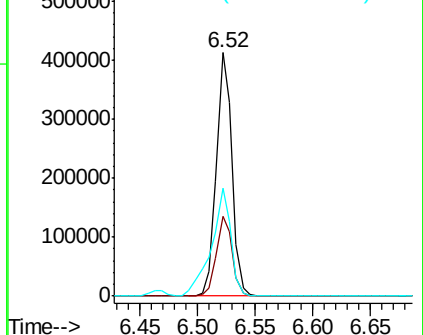
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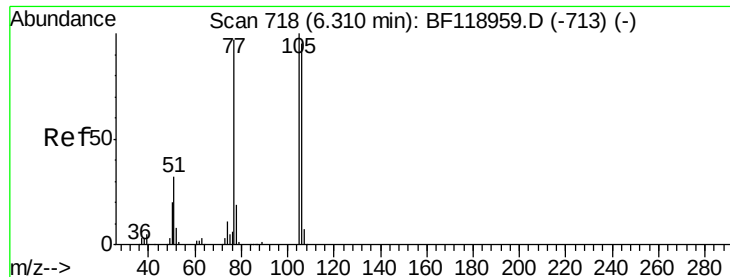
130 32.8 12.7 52.7

64 44.2 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.009 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

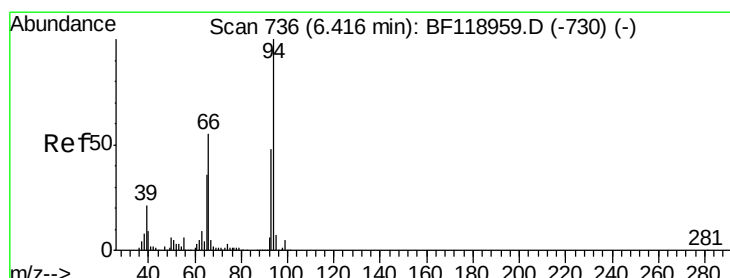
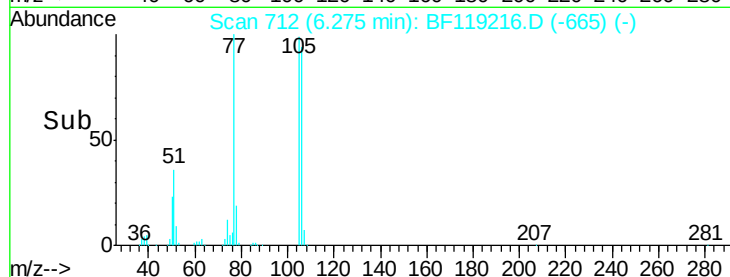
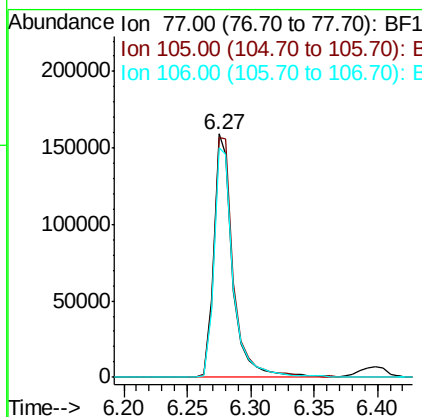
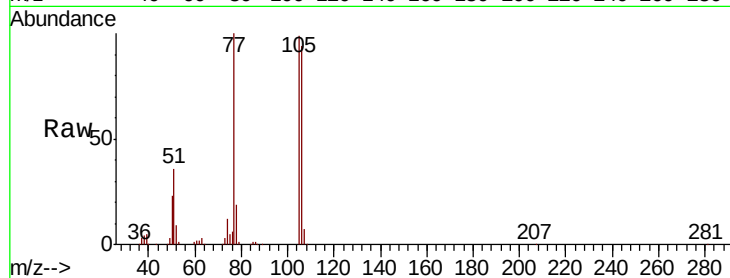
ClientSampleId :

PB127285BS

Tot Ion:	77	Resp:	167647
Ion Ratio	Lower	Upper	
77	100		
105	98.5	80.1	120.1
106	94.1	75.9	115.9

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#10

Phenol

Concen: 47.211 ng

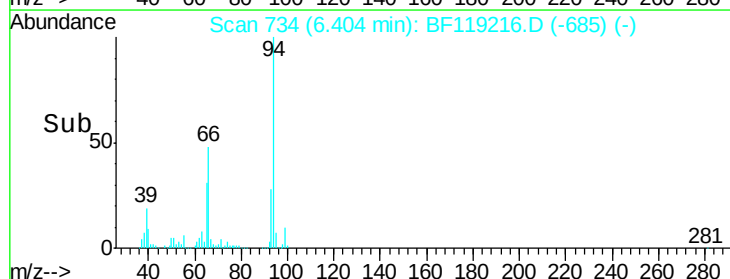
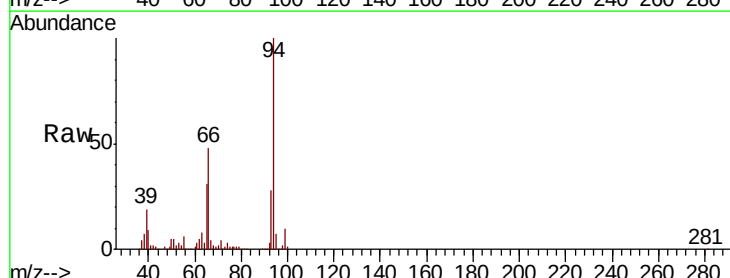
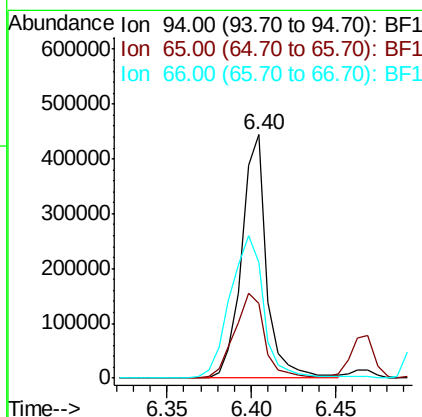
RT: 6.40 min Scan# 734

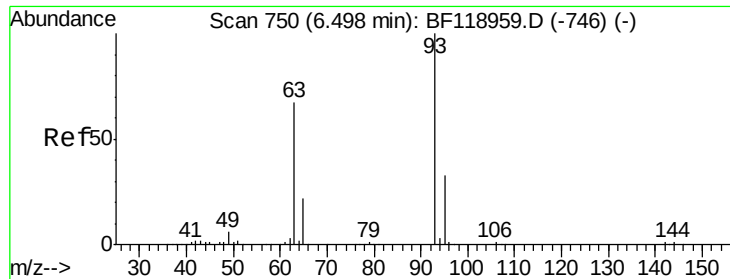
Delta R.T. -0.01 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Tgt Ion:	94	Resp:	457279
Ion Ratio	Lower	Upper	
94	100		
65	30.8	19.2	59.2
66	47.7	44.4	84.4





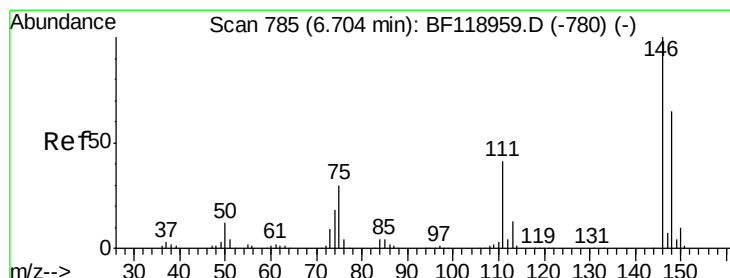
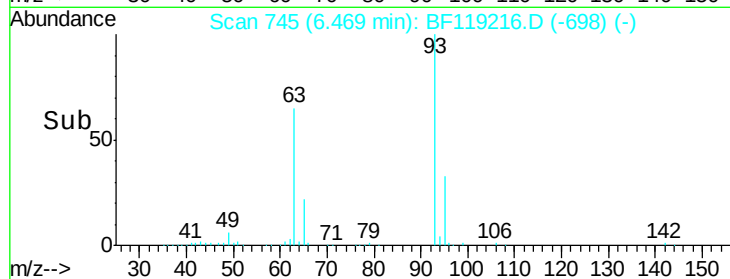
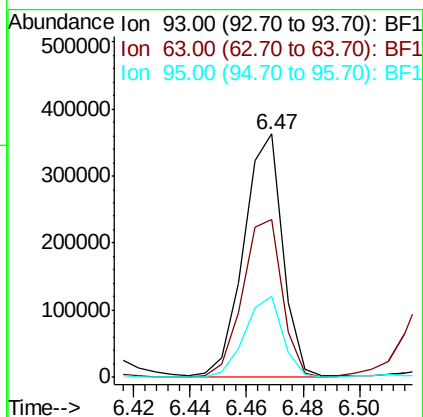
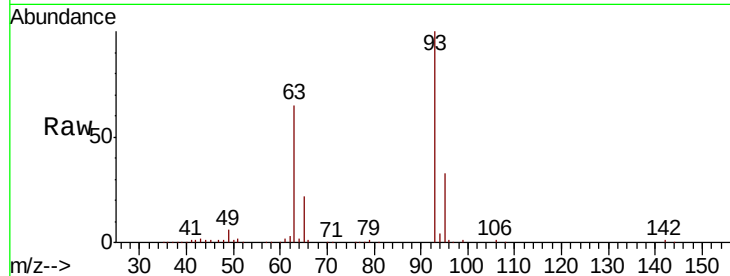
#11
bis(2-Chloroethyl)ether
Concen: 47.002 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	348336		
63	64.9		45.4	85.4
95	33.0		13.5	53.5

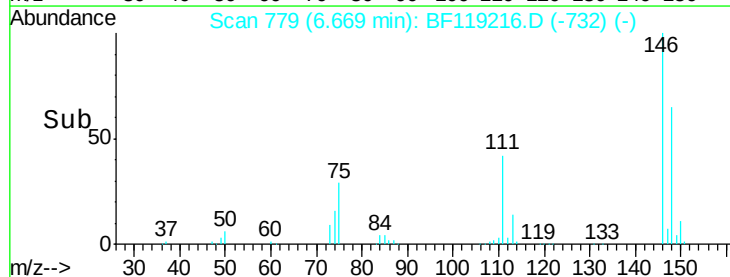
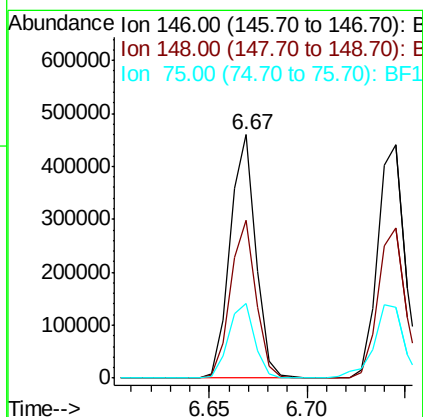
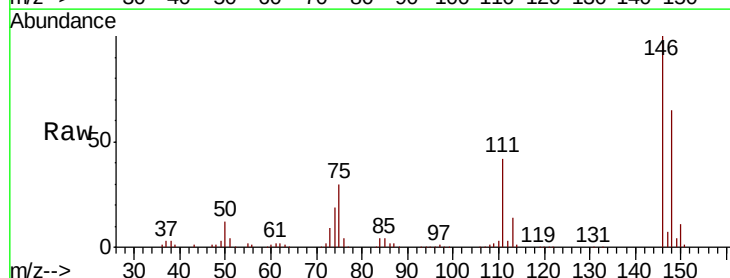
Manual Integrations
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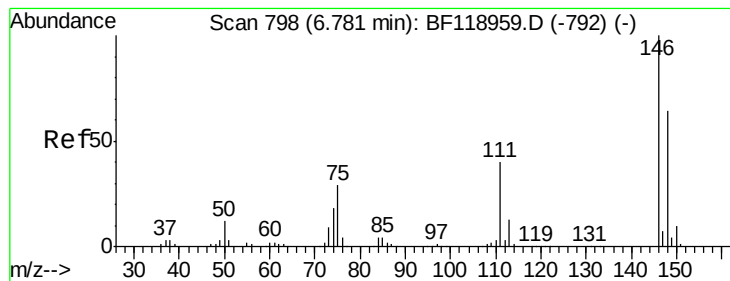
mohammad
3/9/2020 8:27:03 AM



#12
1,3-Dichlorobenzene
Concen: 43.719 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	416551		
148	65.0		52.5	78.7
75	30.4		23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 44.636 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

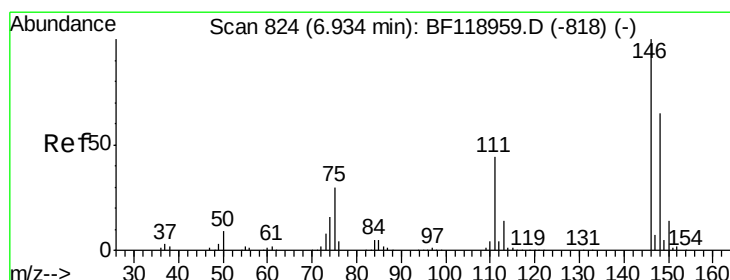
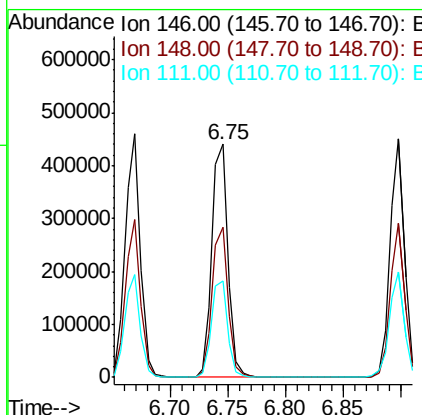
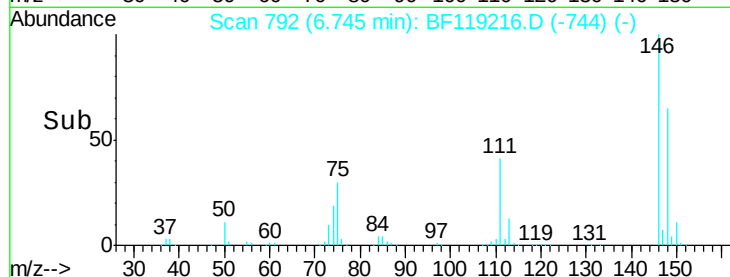
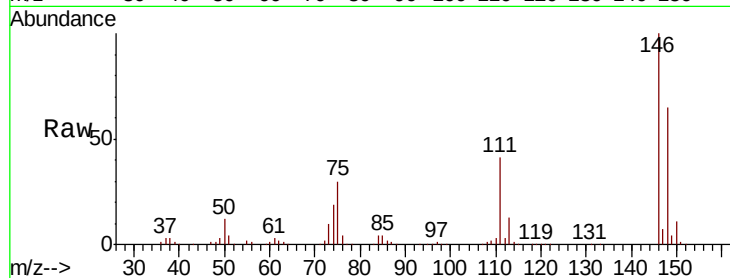
ClientSampleId :

PB127285BS

Tot Ion:	146	Resp:	425586
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.1	76.7
111	41.3	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 45.033 ng

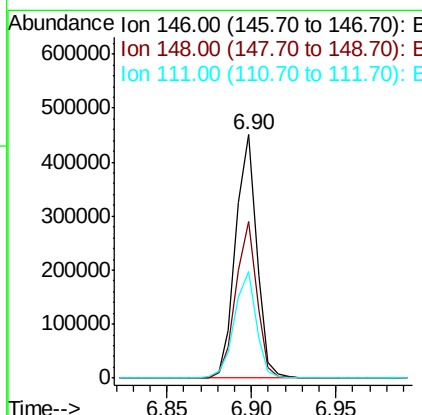
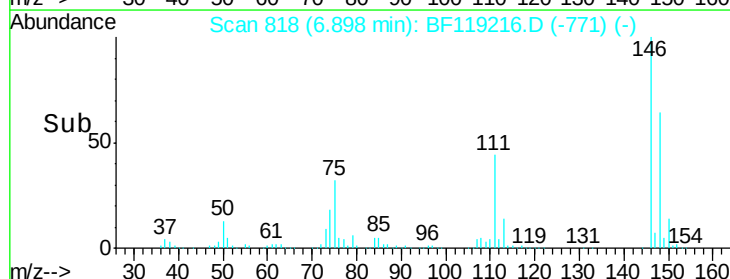
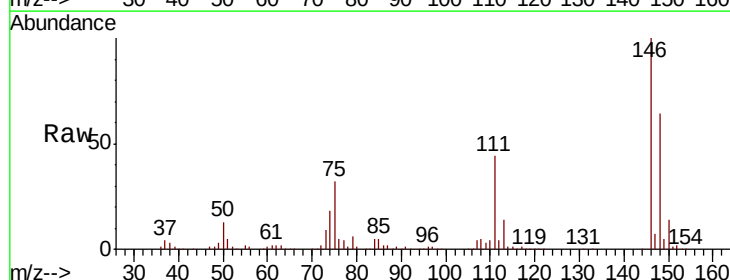
RT: 6.90 min Scan# 818

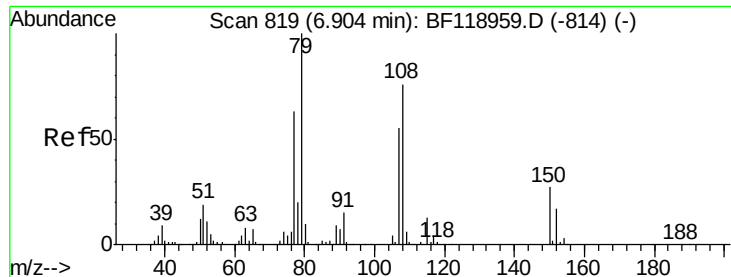
Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Tgt Ion:	146	Resp:	391587
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.9	77.9
111	43.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 49.876 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

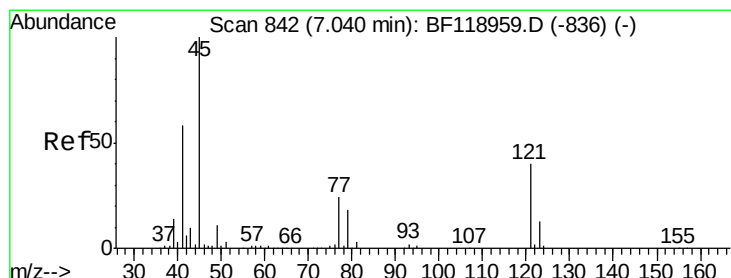
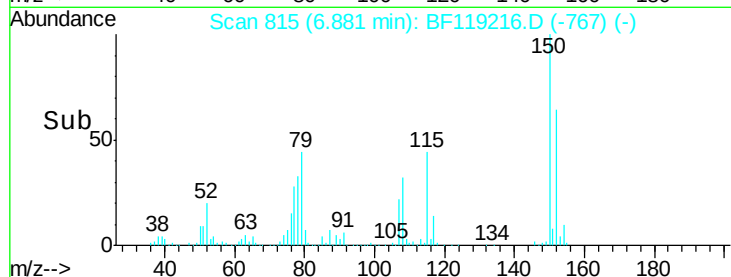
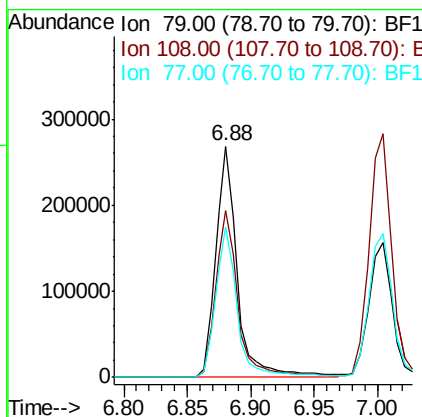
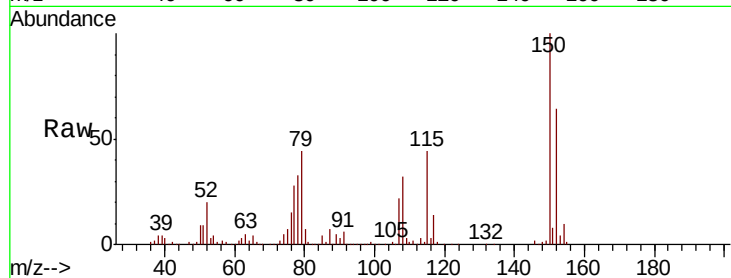
ClientSampleID :

PB127285BS

Tot Ion:	79	Resp:	322930
Ion Ratio	Lower	Upper	
79	100		
108	71.8	58.2	87.2
77	64.8	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.358 ng

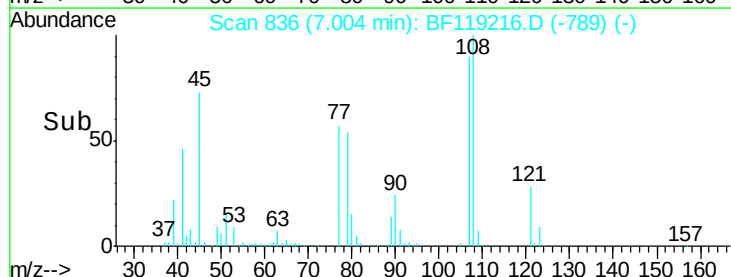
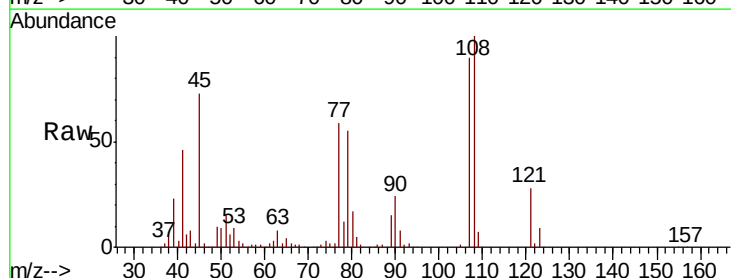
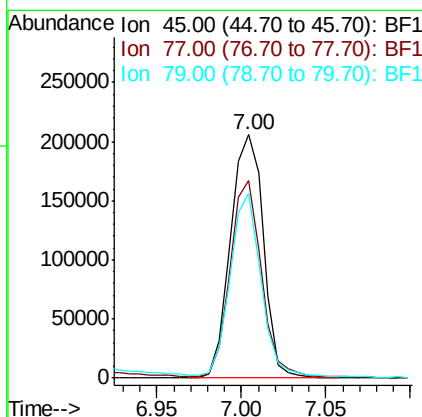
RT: 7.00 min Scan# 836

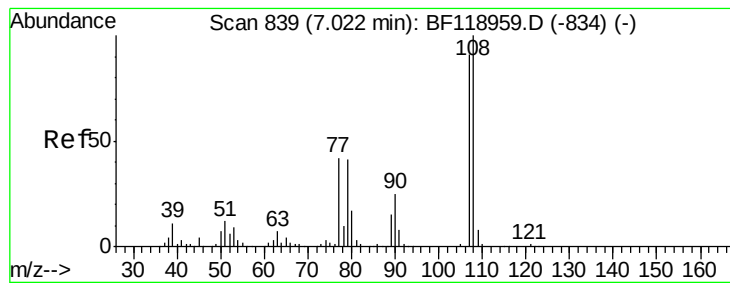
Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Tgt Ion:	45	Resp:	278355
Ion Ratio	Lower	Upper	
45	100		
77	80.9	15.0	55.0#
79	75.8	9.4	49.4#





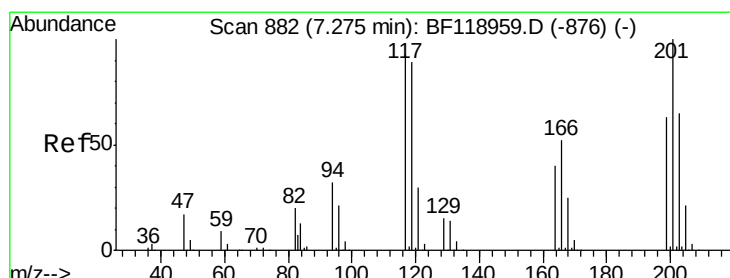
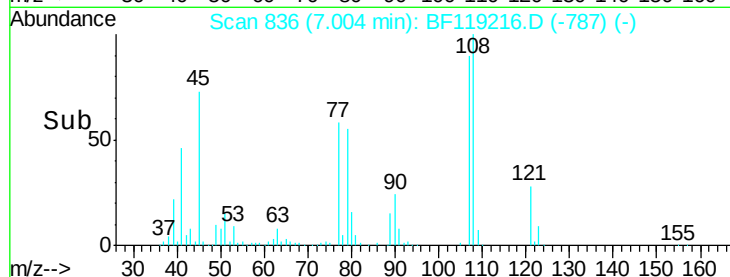
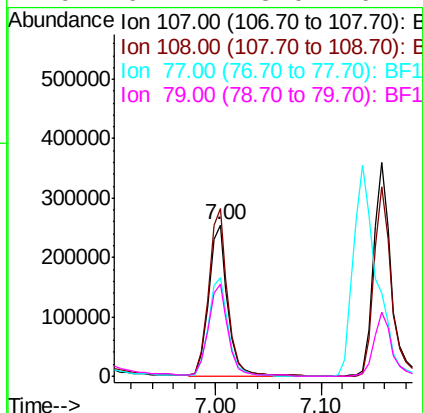
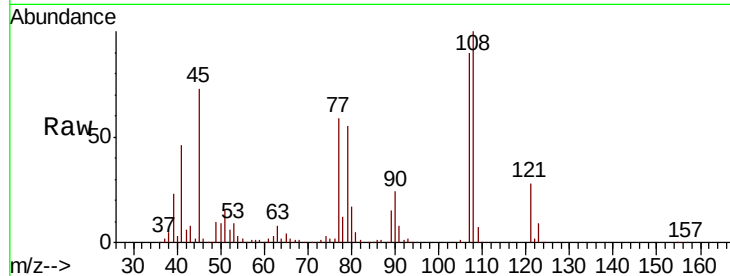
#17
2-Methylphenol
Concen: 49.328 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.9	131.9
77	65.3	45.3	67.9
79	61.1	43.0	64.4

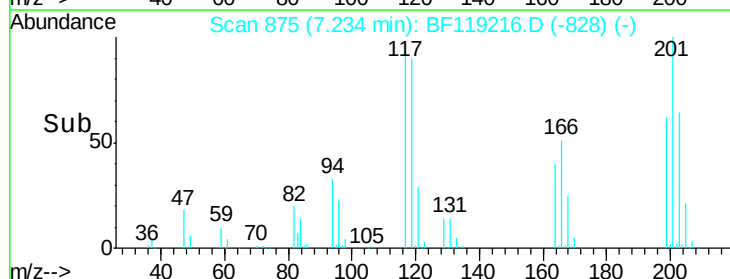
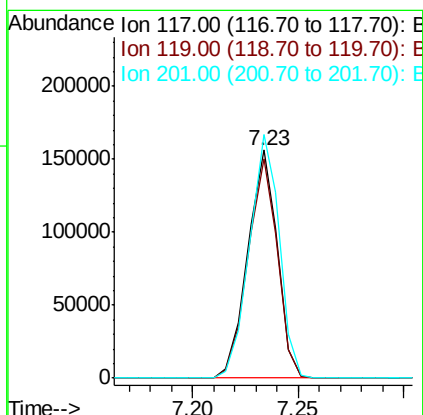
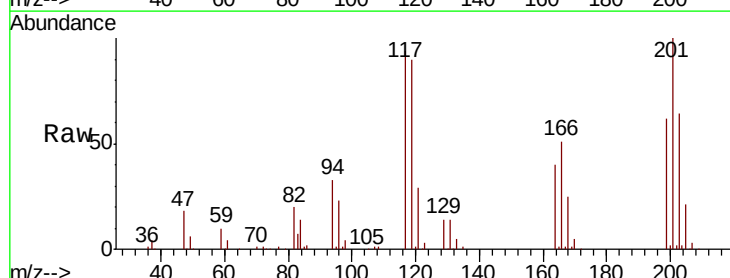
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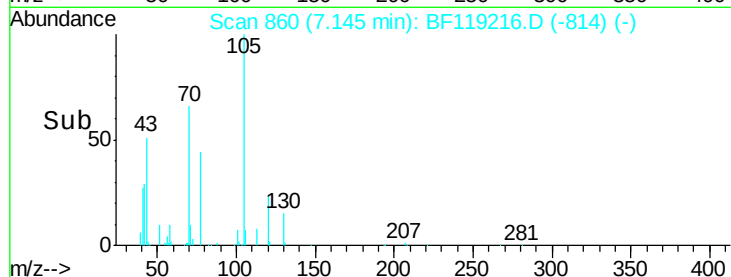
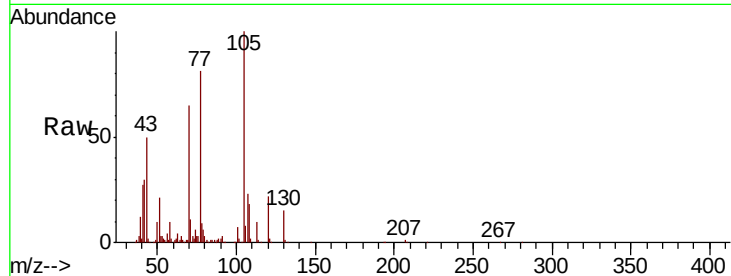
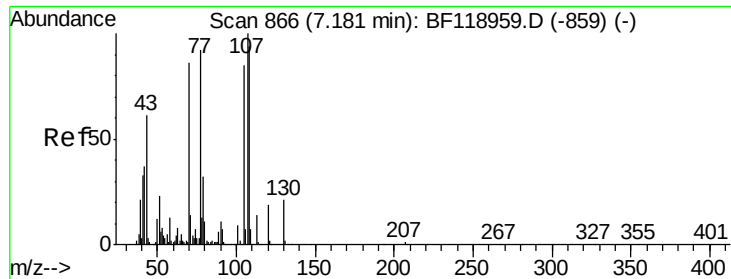
mohammad
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#18
Hexachloroethane
Concen: 44.544 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.5	116.3
201	106.8	82.6	123.8





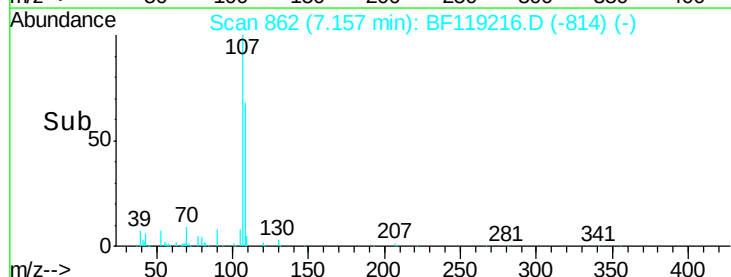
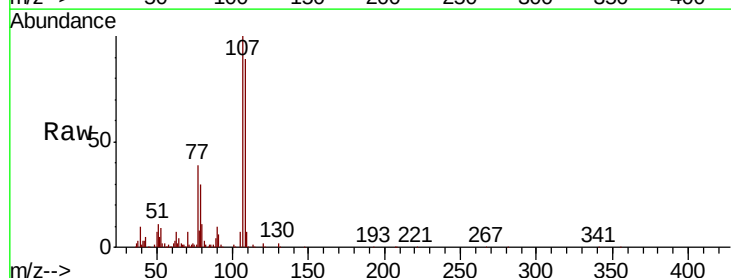
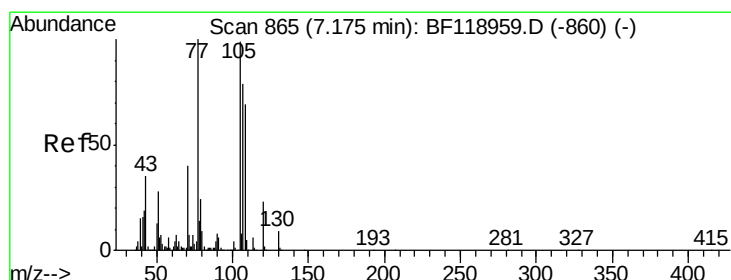
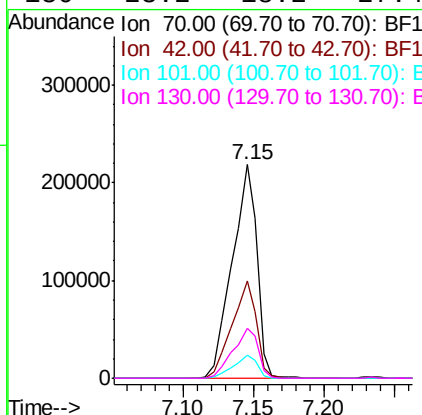
#19
n-Nitroso-di-n-propylamine
Concen: 51.033 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.9	38.0	57.0
101	10.6	8.2	12.4
130	23.2	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
PB127285BS

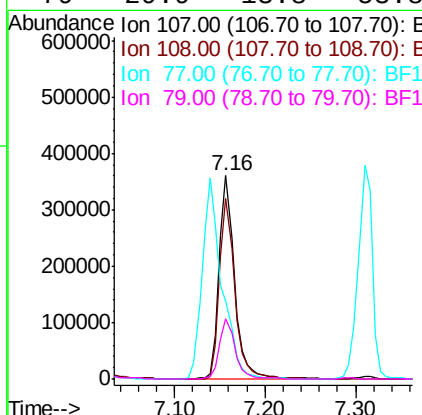
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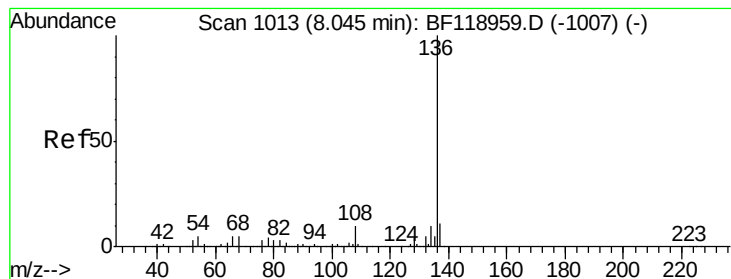
mohammad
3/9/2020 8:27:03 AM



#20
3+4-Methylphenols
Concen: 52.843 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.5	111.5
77	38.8	45.9	85.9#
79	29.9	13.8	53.8





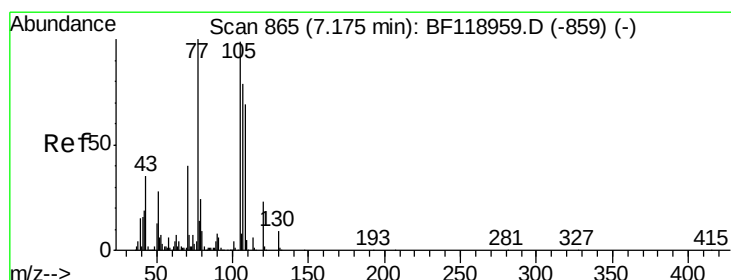
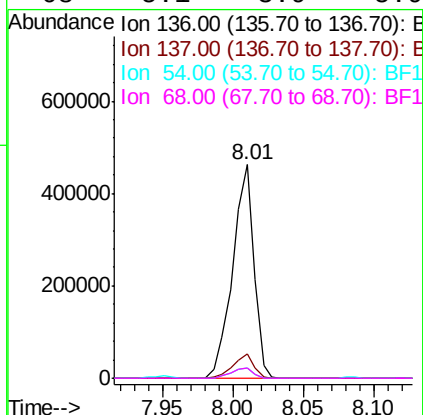
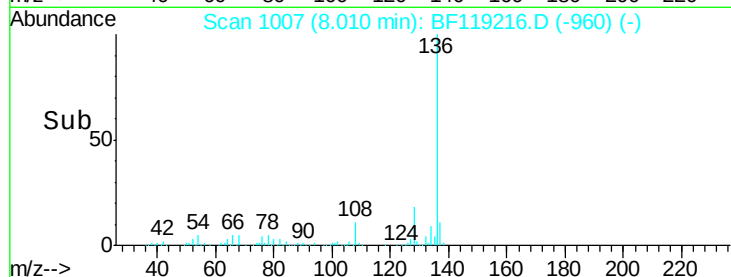
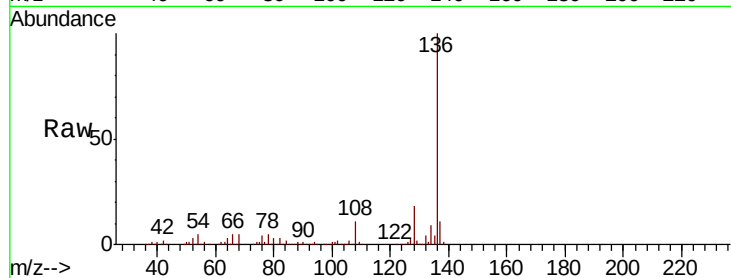
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		485003		
137	11.1		8.8	13.2	
54	4.5		3.8	5.6	
68	5.1		3.9	5.9	

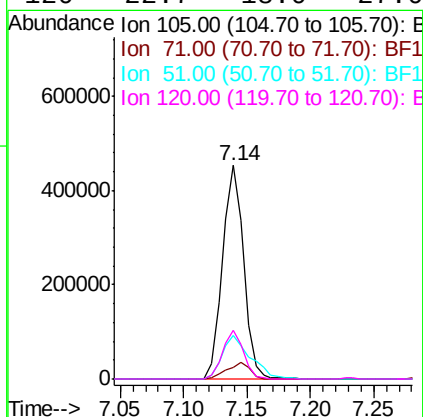
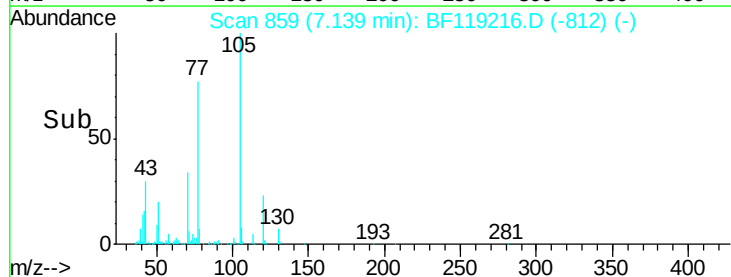
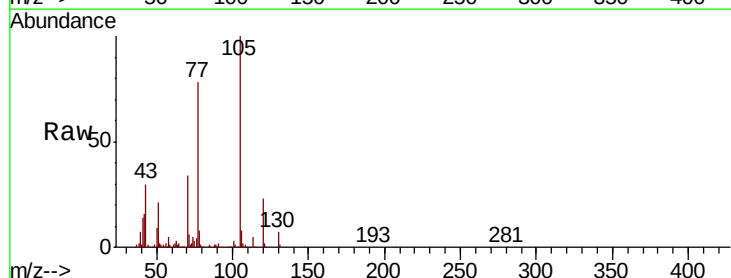
Manual Integrations
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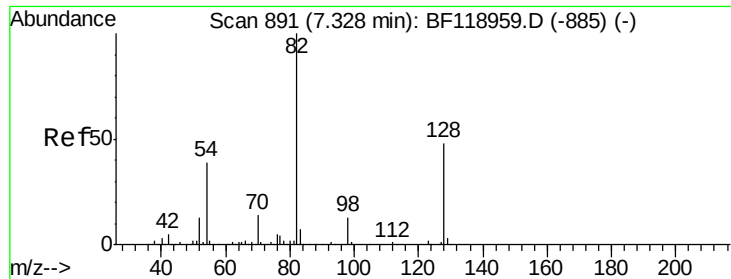
mohammad
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#22
Acetophenone
Concen: 46.807 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		525255		
71	5.7		3.0	4.4#	
51	20.6		20.1	30.1	
120	22.7		18.0	27.0	





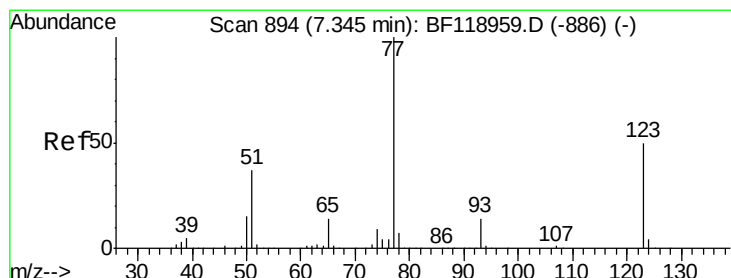
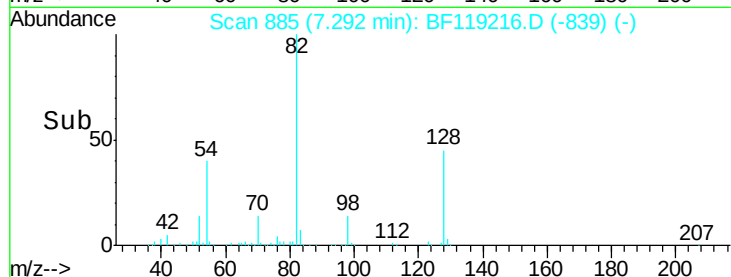
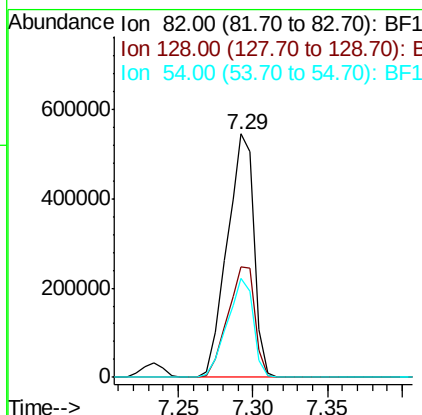
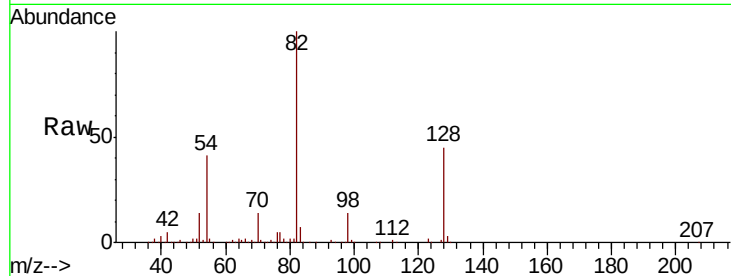
#23
 Nitrobenzene-d5
 Concen: 74.885 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.9	56.9
54	40.6	33.4	50.2

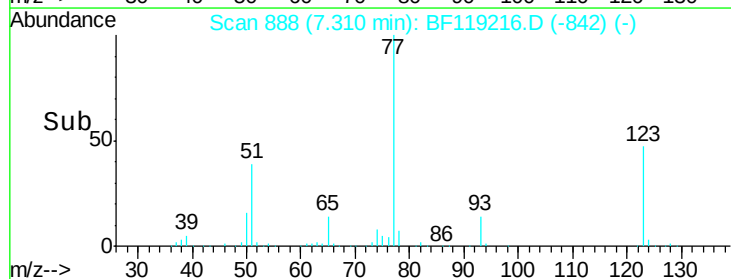
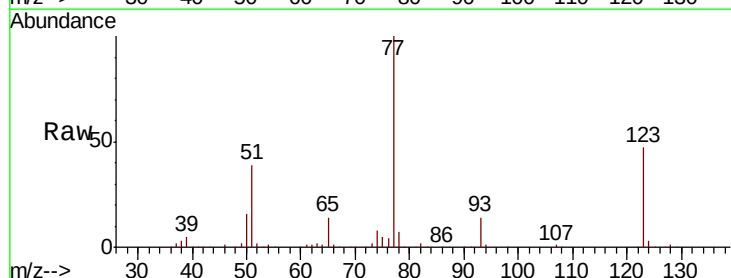
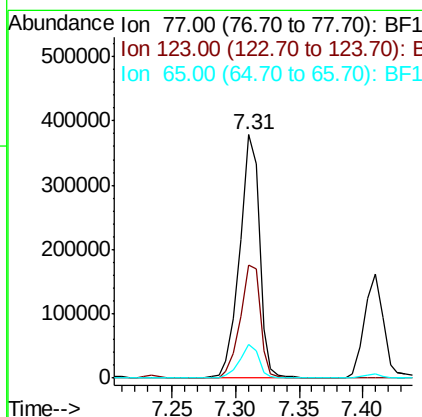
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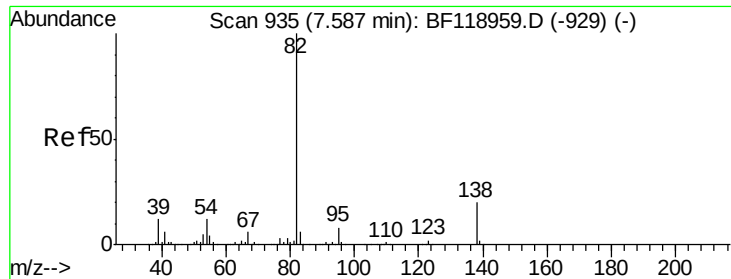
mohammad
 3/9/2020 8:27:03 AM



#24
 Nitrobenzene
 Concen: 44.665 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	40.2	60.2
65	13.8	10.8	16.2





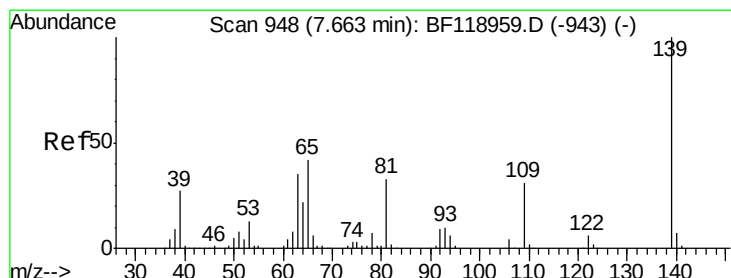
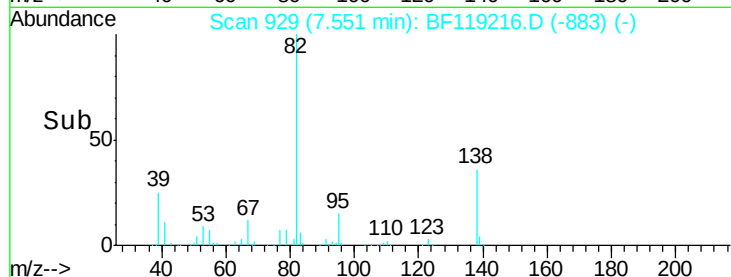
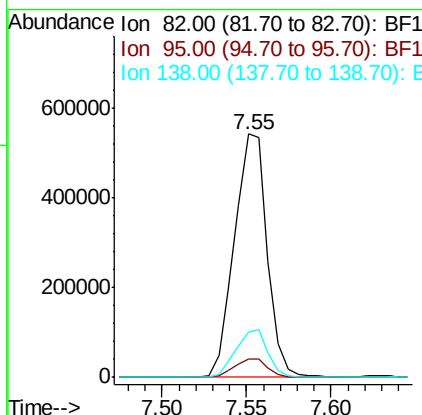
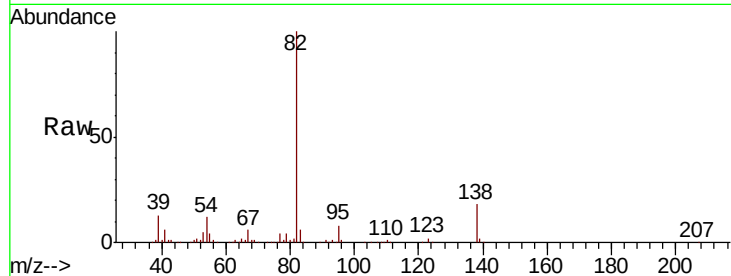
#25
Isophorone
Concen: 45.928 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.03 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	732680		
95	7.8		6.4	9.6
138	18.5		15.7	23.5

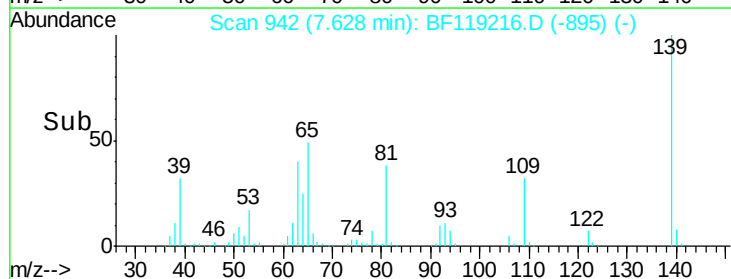
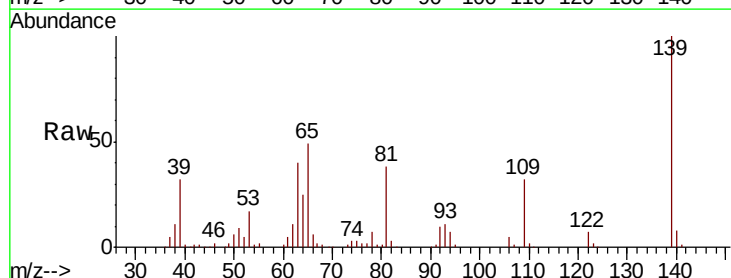
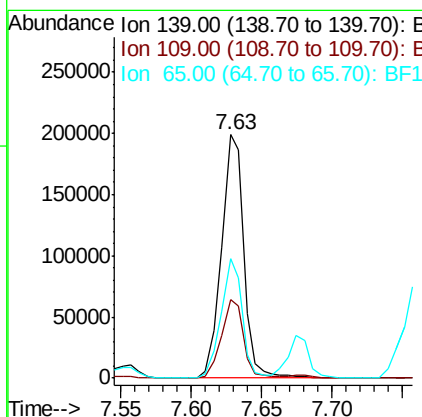
Manual Integrations
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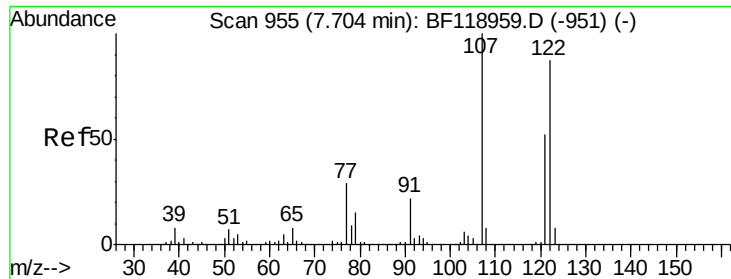
mohammad
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#26
2-Nitrophenol
Concen: 45.407 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	218544		
109	32.4		25.7	38.5
65	49.2		37.1	55.7





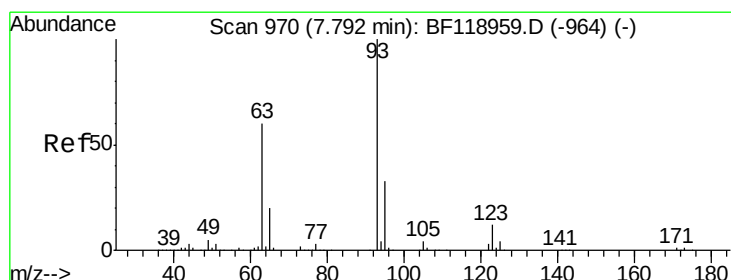
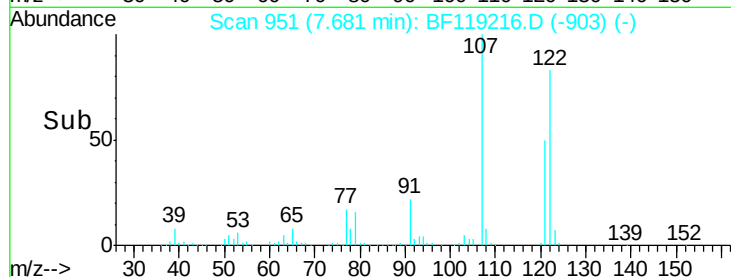
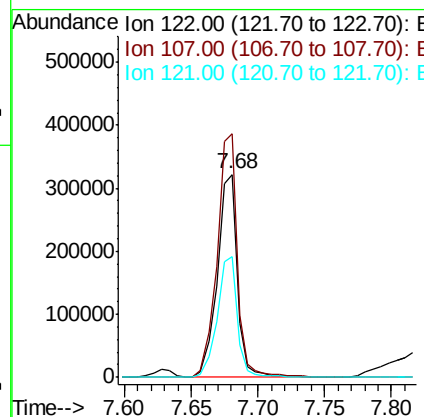
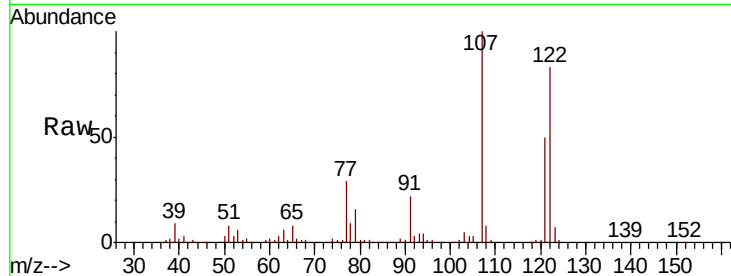
#27
2,4-Dimethylphenol
Concen: 52.173 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampled :
PB127285BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	93.8	140.6
121	59.7	48.2	72.2

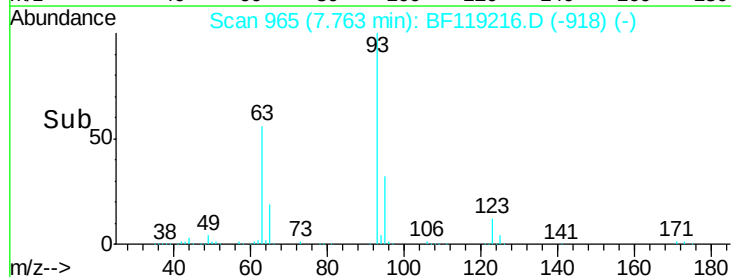
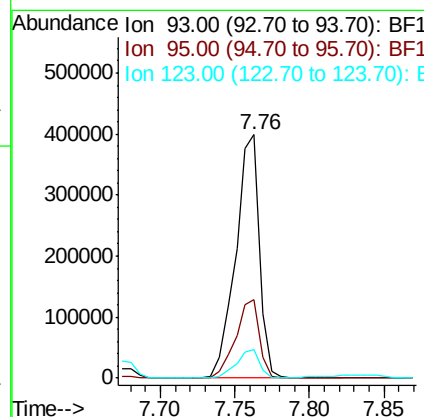
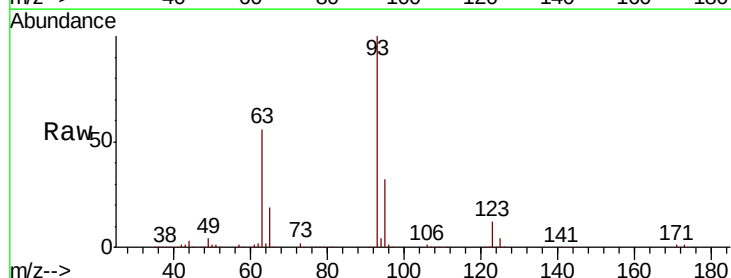
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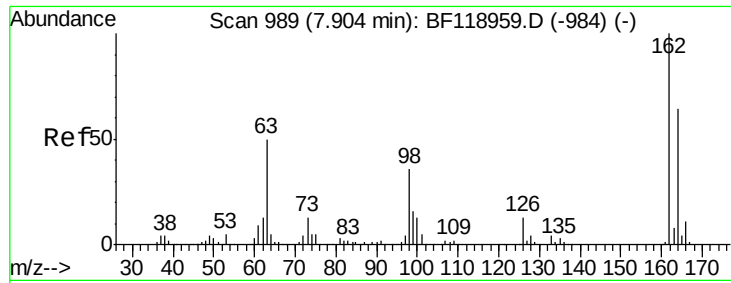
mohammad
3/9/2020 8:27:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.130 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	12.0	10.2	15.2





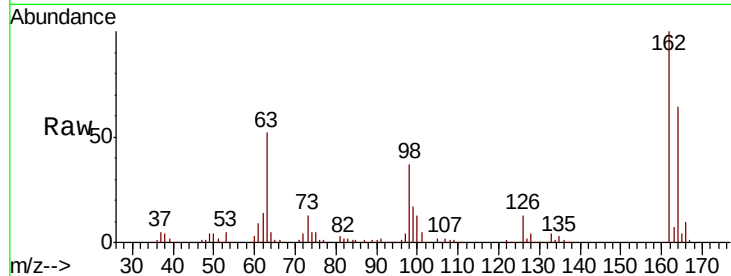
#29
2,4-Dichlorophenol
Concen: 45.643 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	45.2	85.2	
98	37.1	17.4	57.4	

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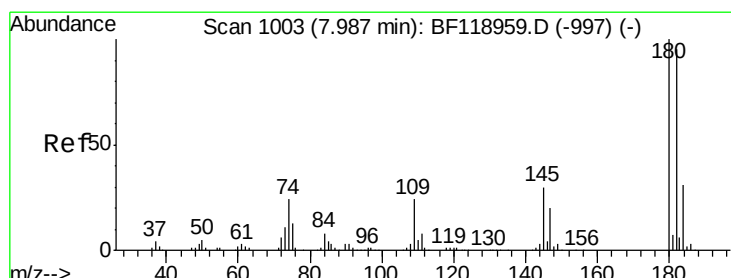
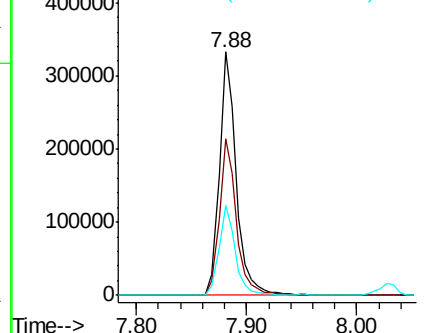
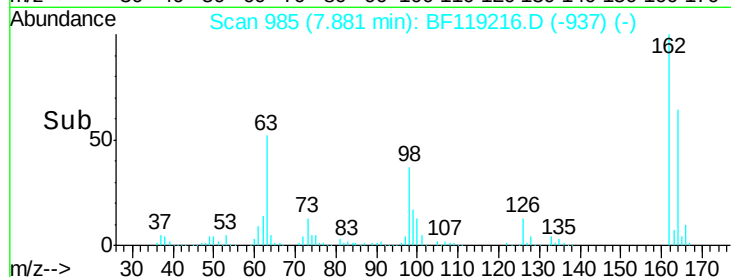


Abundance

Ion 162.00 (161.70 to 162.70): E

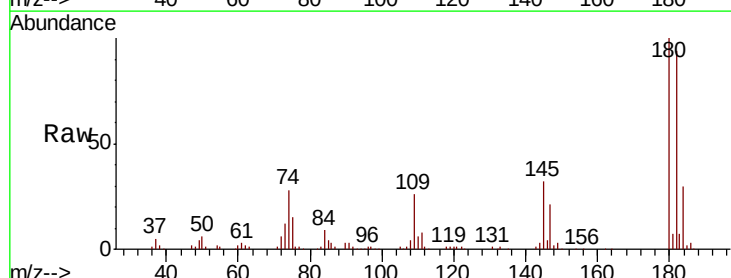
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.664 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.0	77.8	116.6	
145	32.0	25.2	37.8	

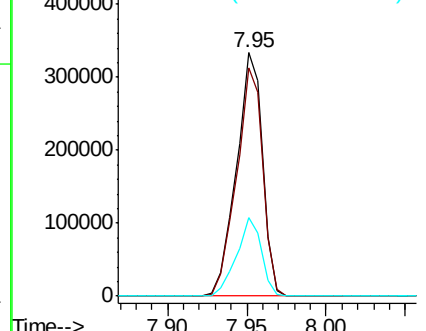
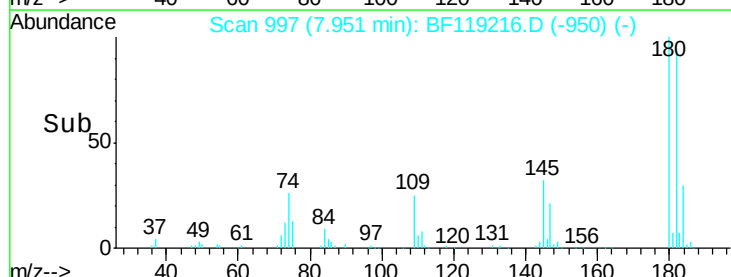


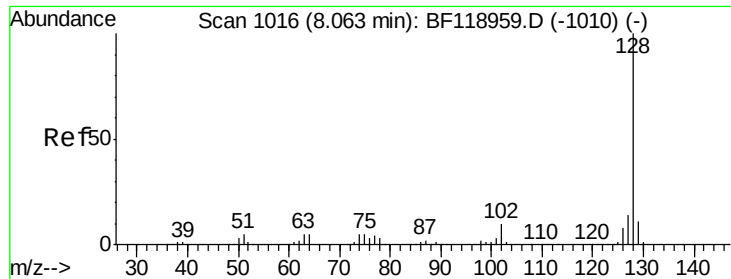
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





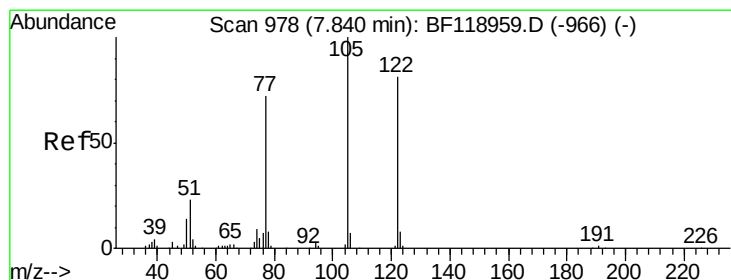
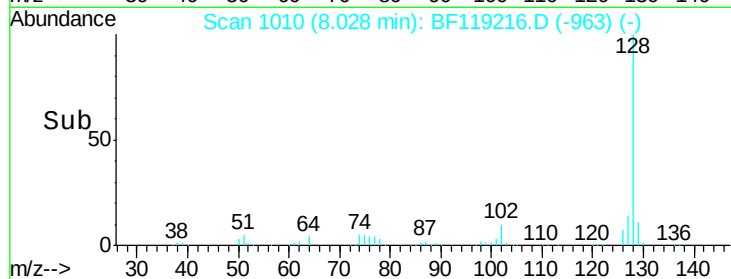
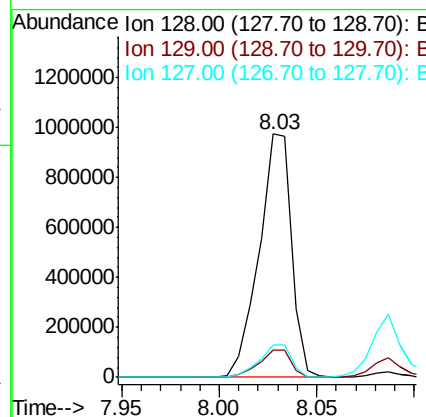
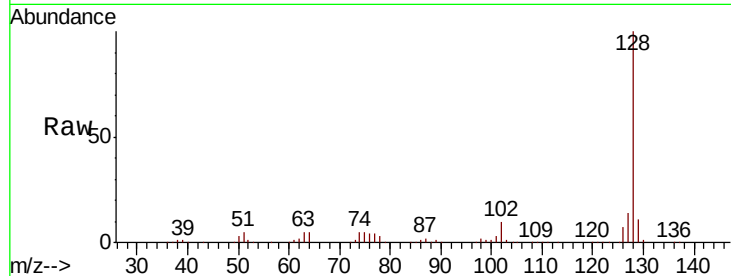
#31
Naphthalene
Concen: 44.790 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion:128 Resp: 1126620
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.5 11.4 17.2

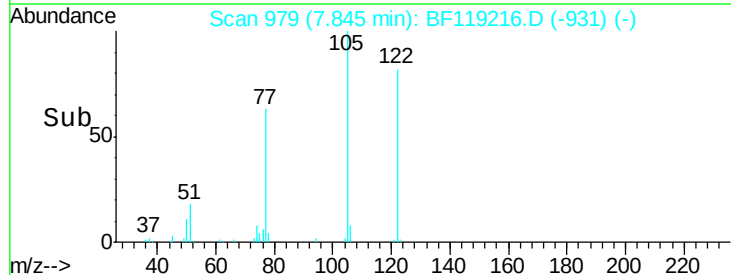
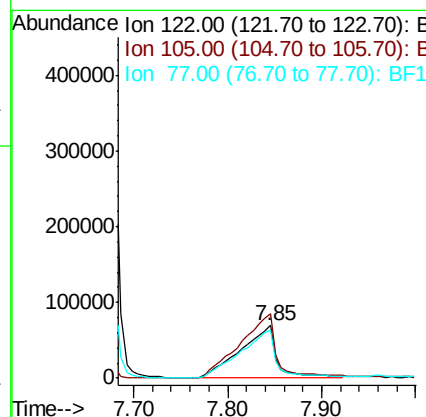
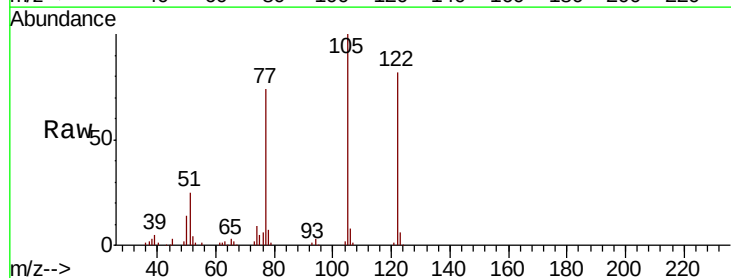
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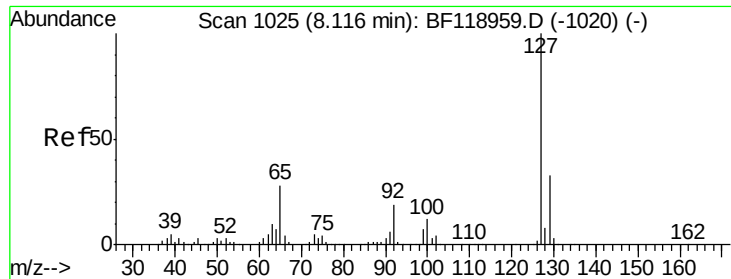
mohammad
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#32
Benzoic acid
Concen: 39.202 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion:122 Resp: 180067
Ion Ratio Lower Upper
122 100
105 122.7 106.3 146.3
77 91.0 73.1 113.1





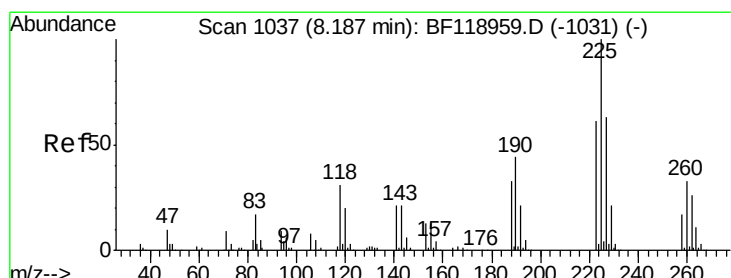
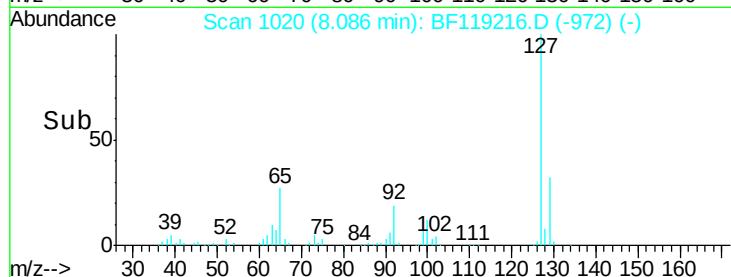
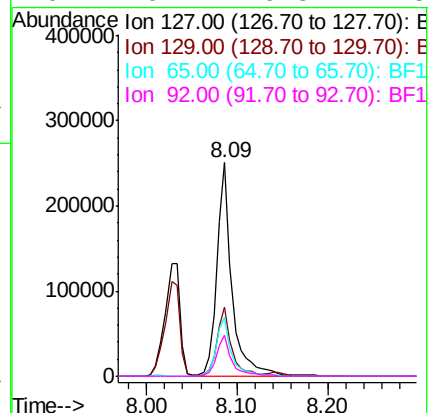
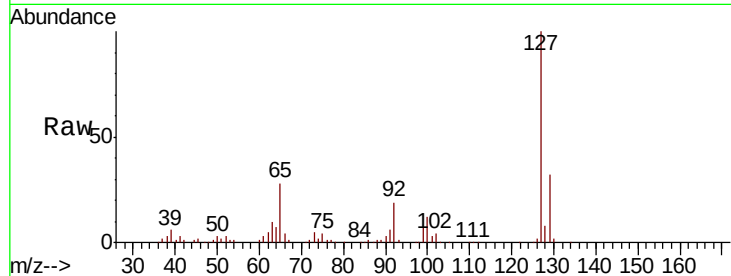
#33
4-Chloroaniline
Concen: 26.814 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	290083		
129	32.2		25.9	38.9
65	27.6		23.9	35.9
92	19.4		16.3	24.5

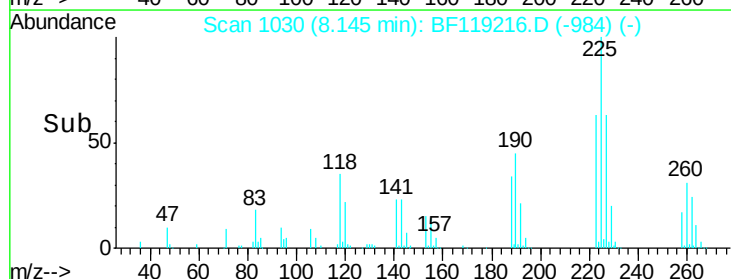
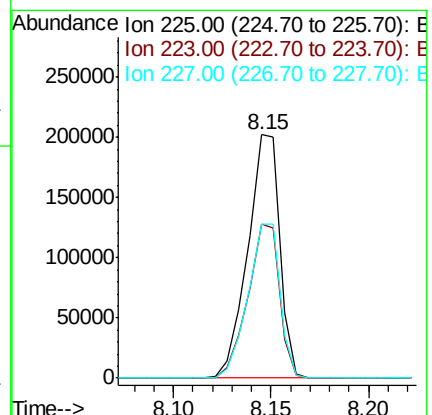
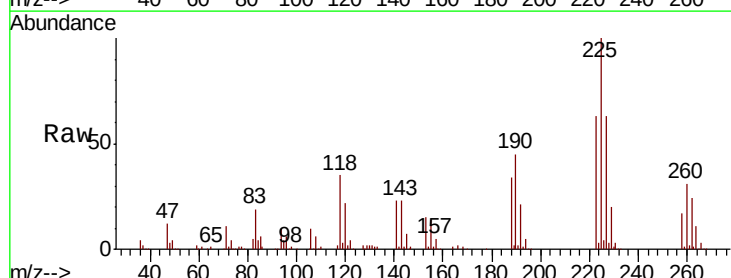
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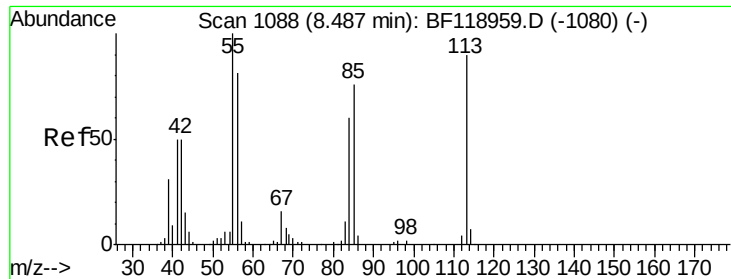
mohammad
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#34
Hexachlorobutadiene
Concen: 40.561 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	230356		
223	63.4		49.4	74.2
227	63.3		52.9	79.3





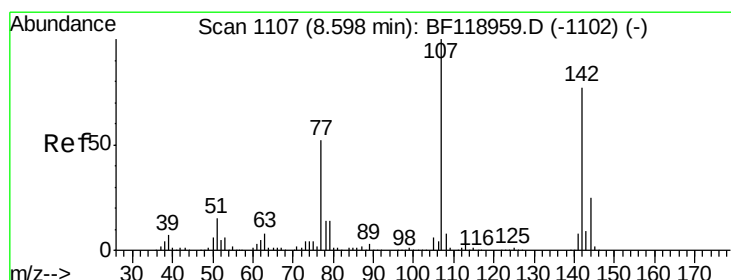
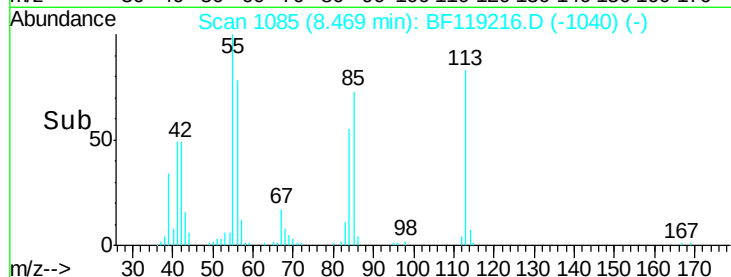
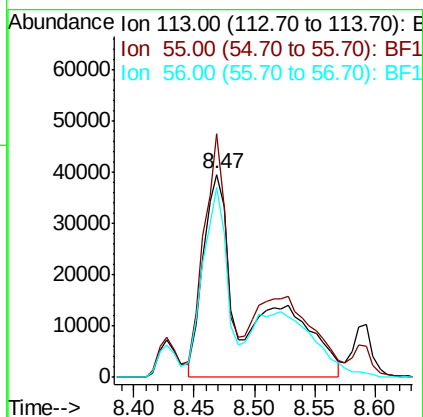
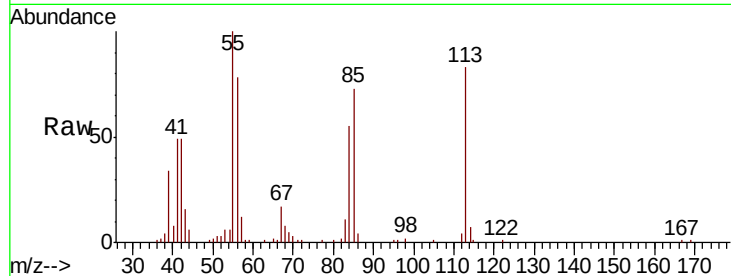
#35
 Caprolactam
 Concen: 44.698 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	120.1	95.7	135.7
56	93.9	73.1	113.1

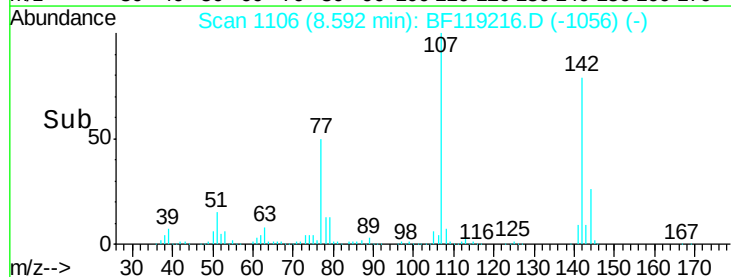
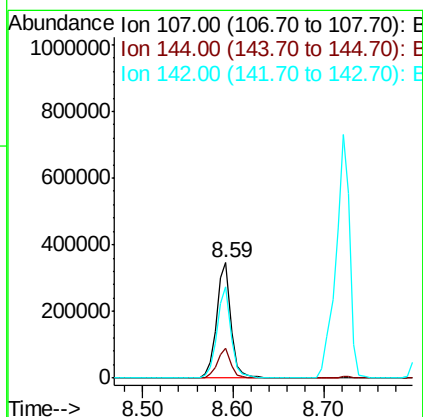
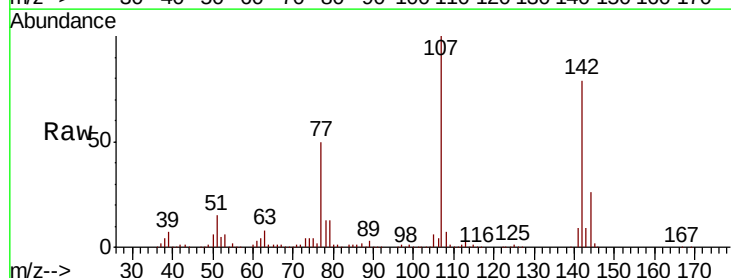
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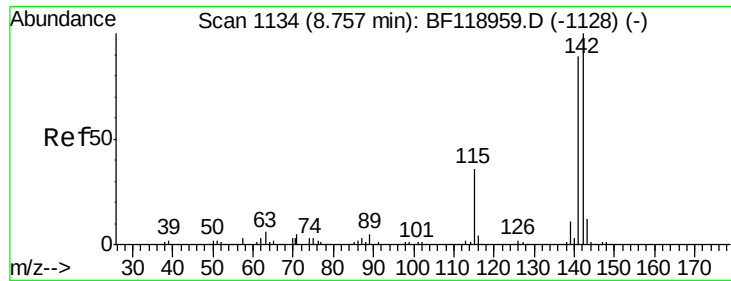
mohammad
 3/9/2020 8:27:03 AM



#36
 4-Chloro-3-methylphenol
 Concen: 48.302 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.1	30.1
142	78.7	61.4	92.2





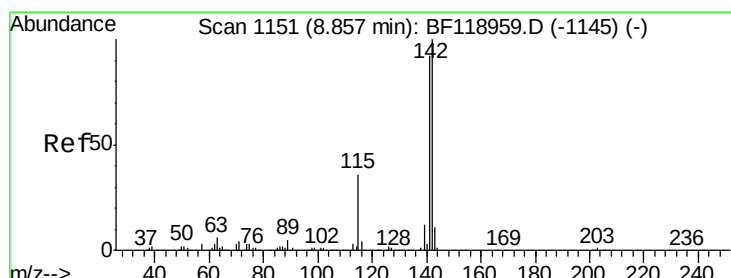
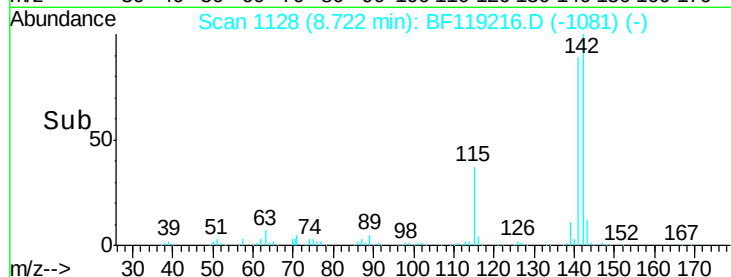
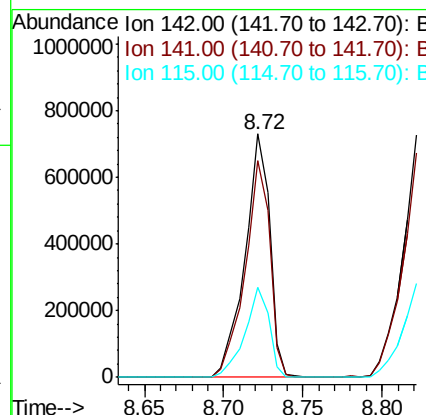
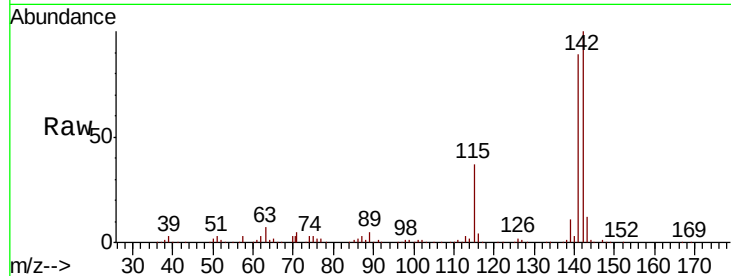
#37
2-Methylnaphthalene
Concen: 46.595 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	37.2	30.6	45.8

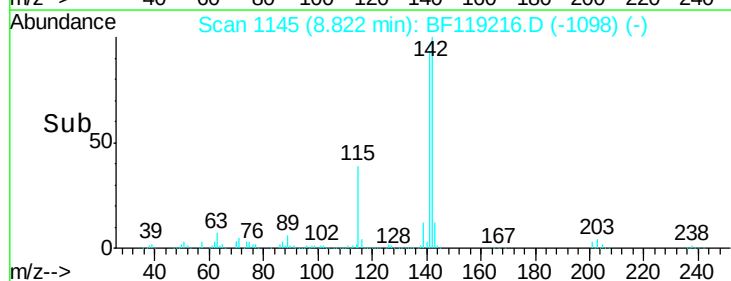
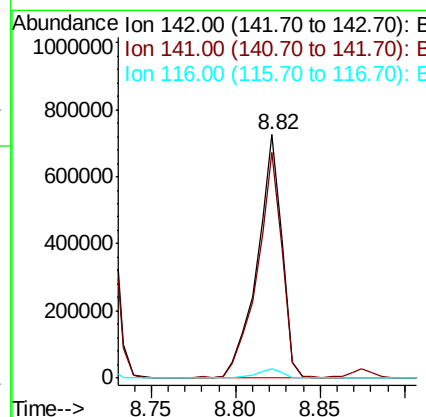
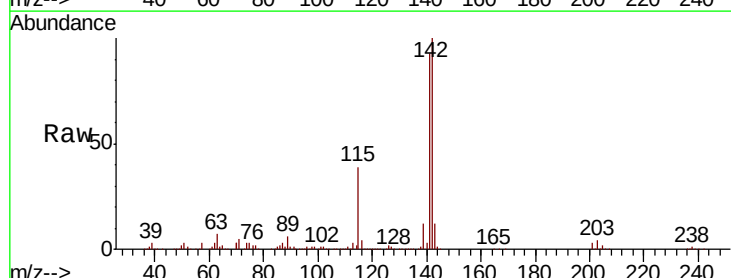
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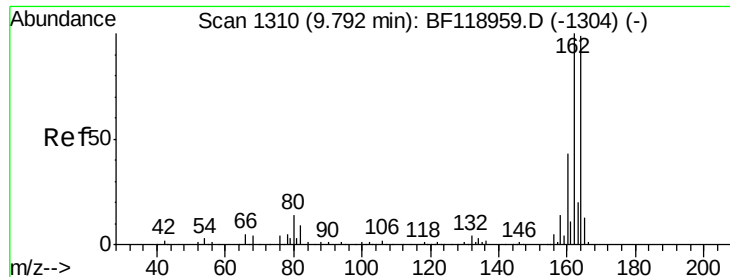
mohammad
3/9/2020 8:27:03 AM



#38
1-Methylnaphthalene
Concen: 46.252 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.6
116	4.1	3.1	4.7





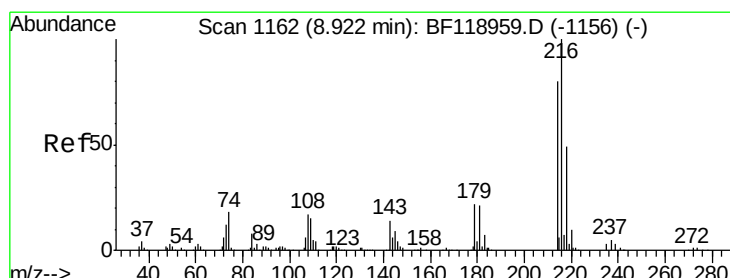
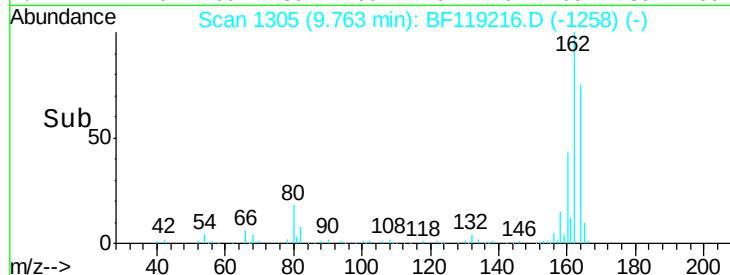
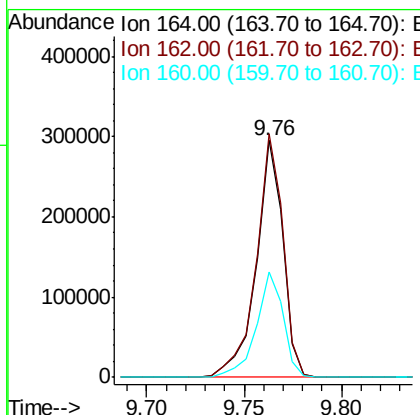
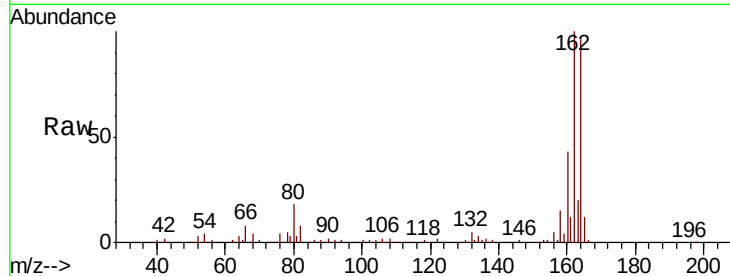
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.8
160	44.7	36.0	54.0

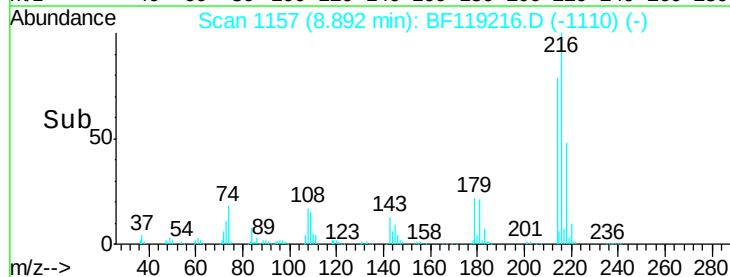
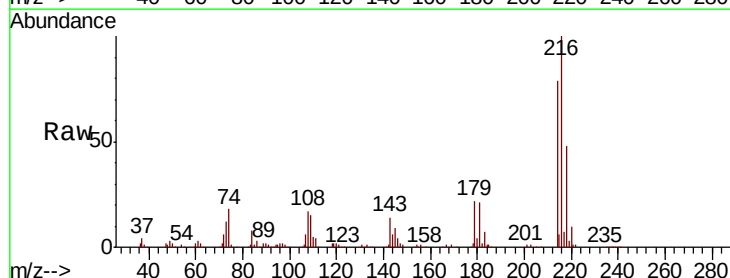
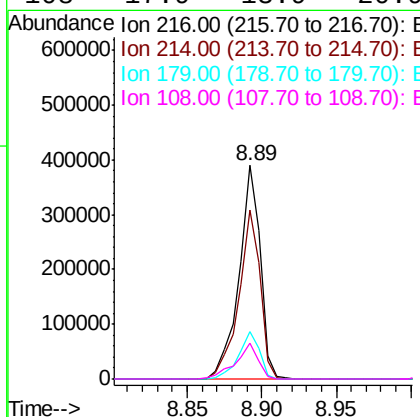
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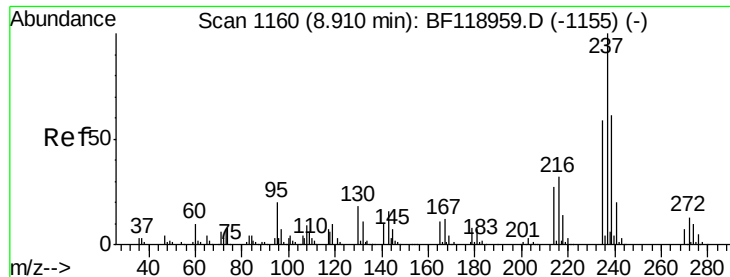
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.099 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	22.1	17.7	26.5
108	17.9	13.9	20.9





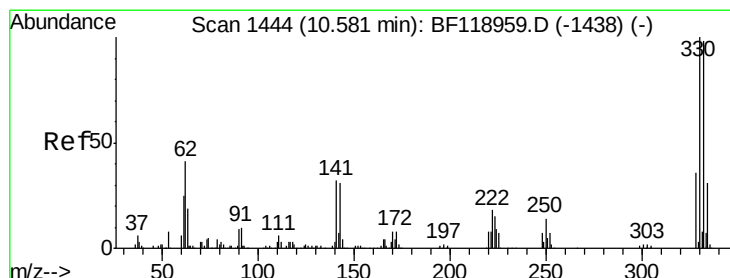
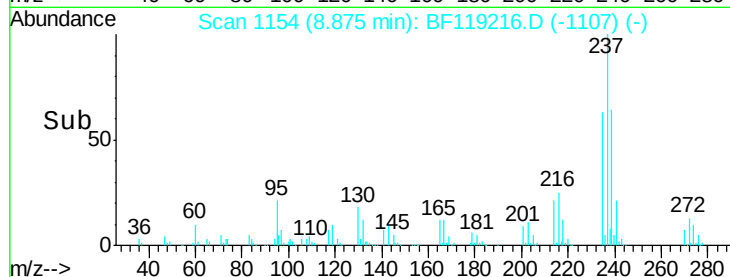
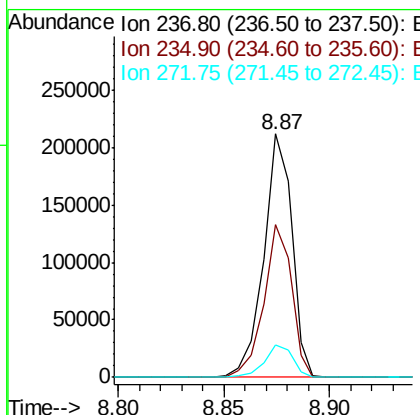
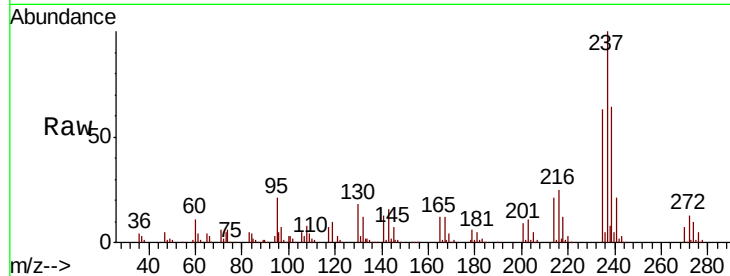
#41
Hexachlorocyclopentadiene
Concen: 60.117 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	197310		
235	62.9	42.3	82.3	
272	13.1	0.0	33.5	

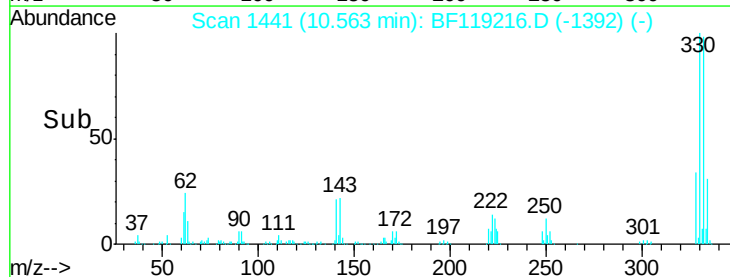
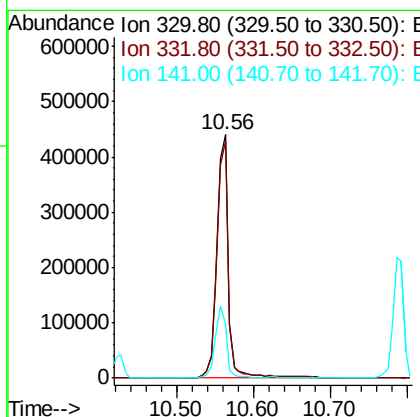
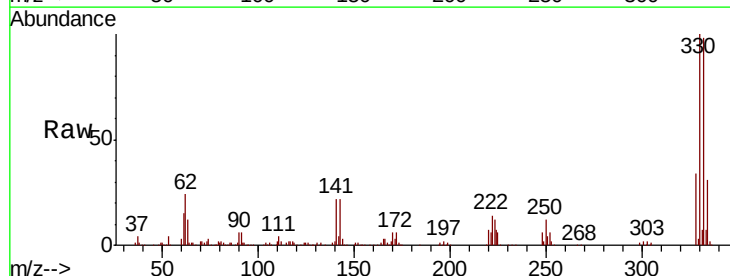
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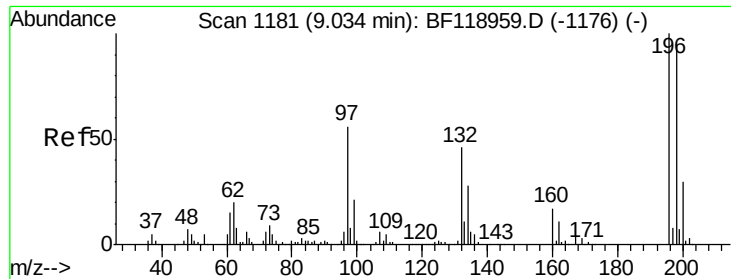
mohammad
3/9/2020 8:27:03 AM



#42
2,4,6-Tribromophenol
Concen: 122.635 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	448787		
332	97.0	76.0	114.0	
141	28.8	22.9	34.3	





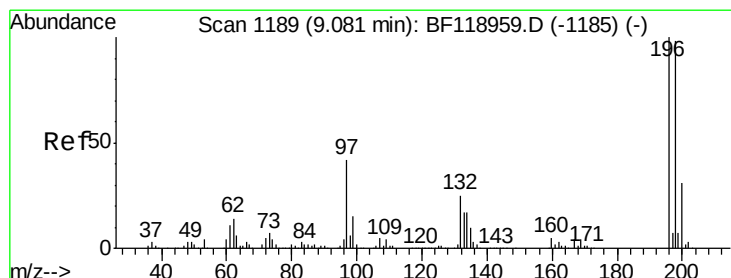
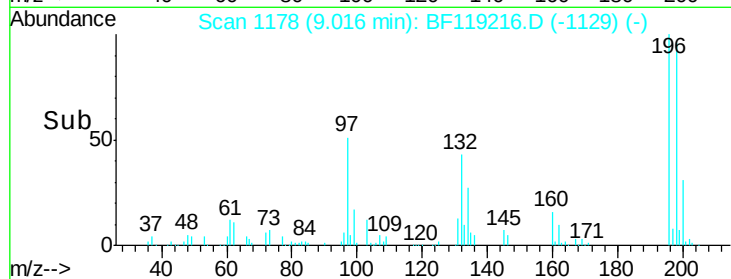
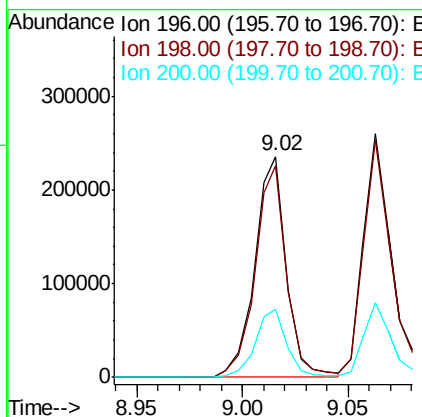
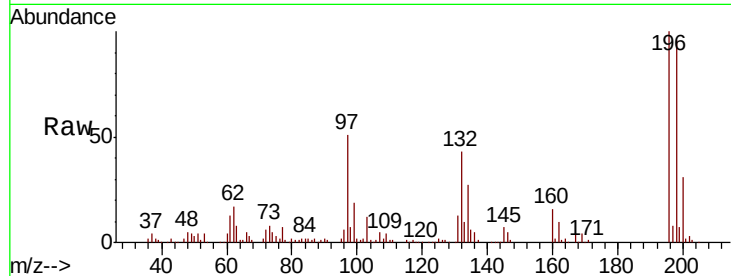
#43
 2,4,6-Trichlorophenol
 Concen: 41.075 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244652		
198	95.6	77.1	115.7	
200	31.0	25.0	37.6	

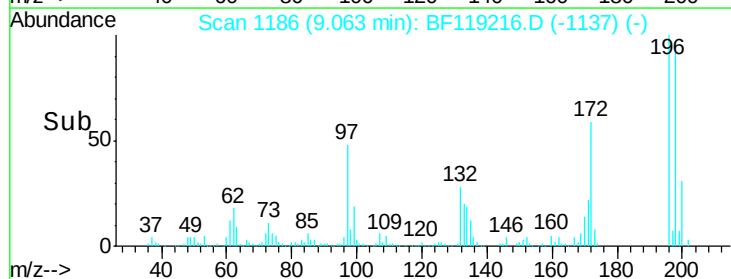
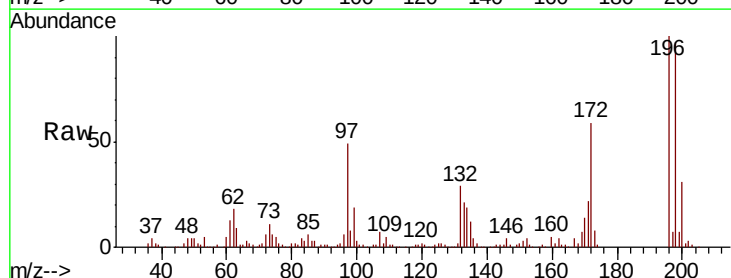
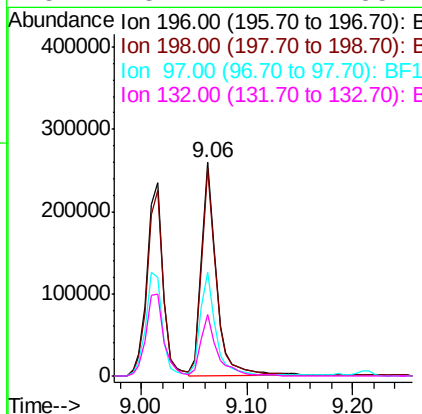
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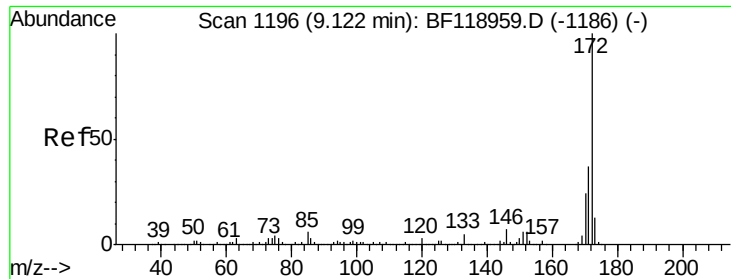
mohammad
 3/9/2020 8:27:03 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.833 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255215		
198	97.2	76.8	115.2	
97	48.5	38.5	57.7	
132	28.7	22.2	33.4	





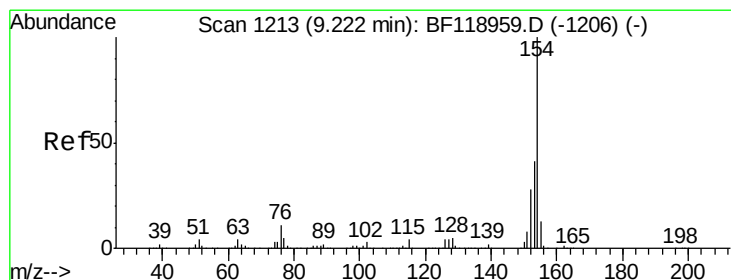
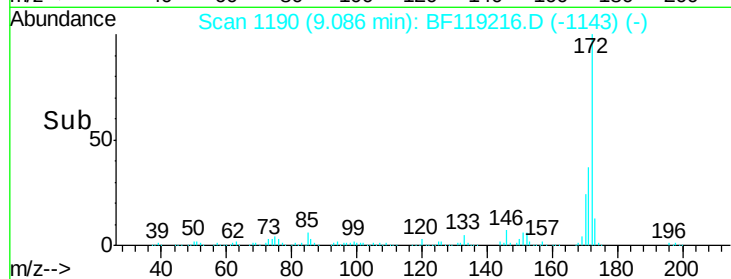
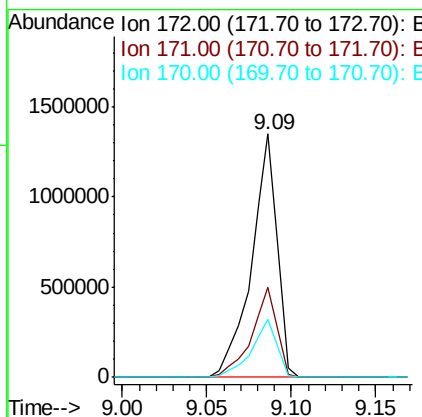
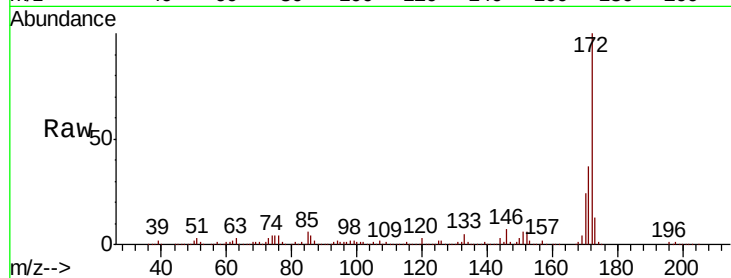
#45
2-Fluorobiphenyl
Concen: 75.123 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.1	20.2	30.2

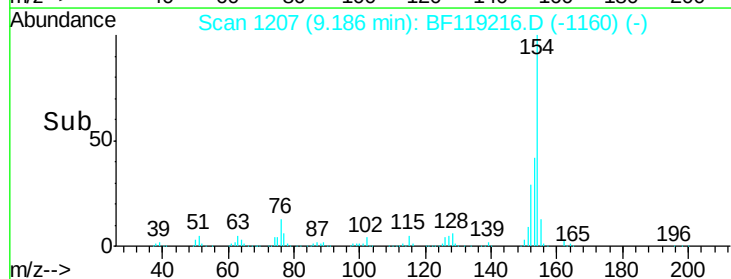
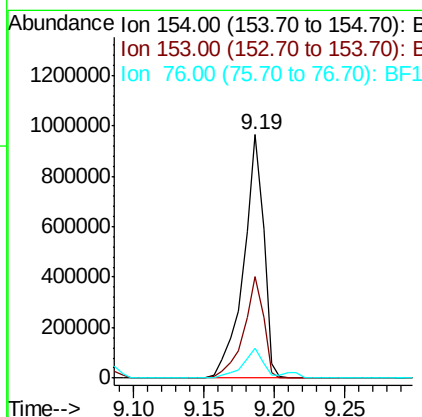
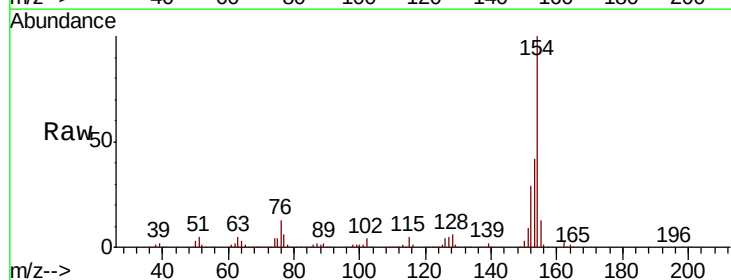
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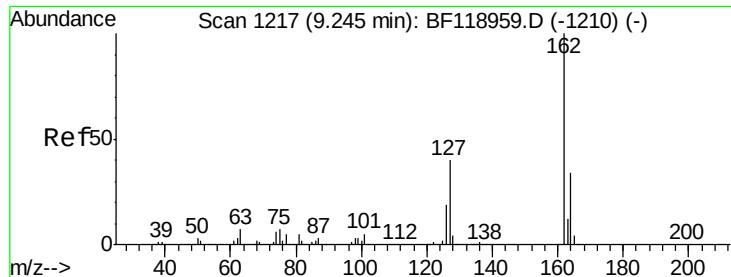
mohammad
3/9/2020 8:27:03 AM



#46
1,1'-Biphenyl
Concen: 42.284 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.8	62.8
76	12.5	0.0	32.2





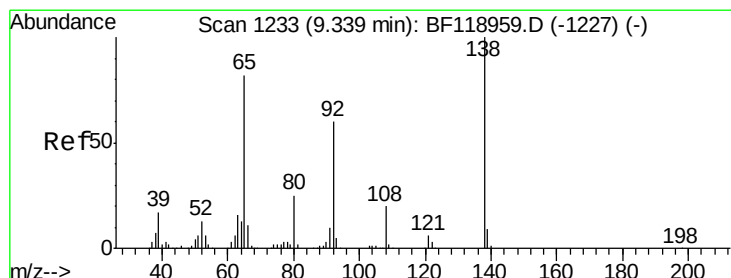
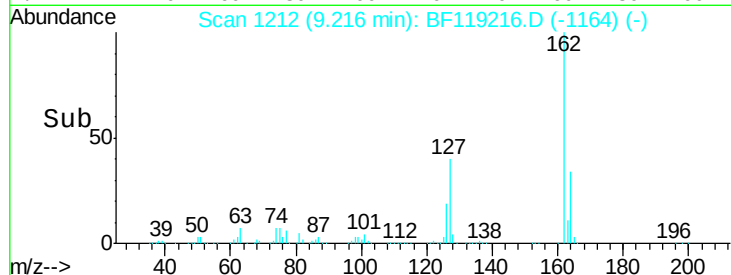
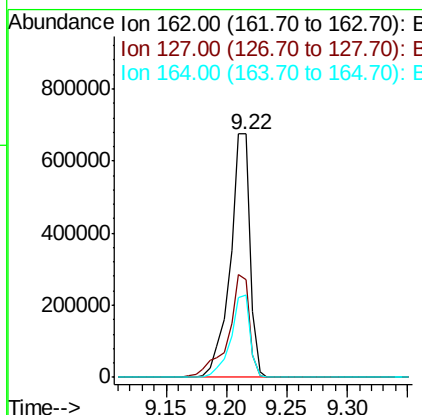
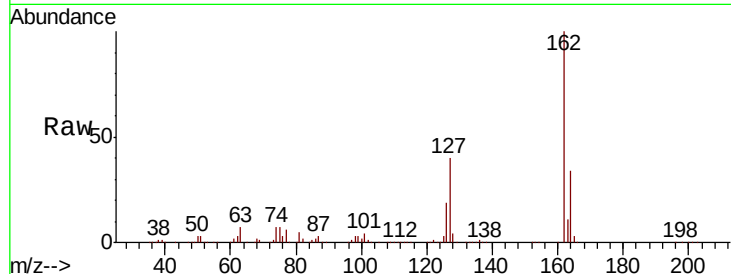
#47
2-Chloronaphthalene
Concen: 42.244 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	769675		
127	40.1		35.0	52.4
164	33.9		27.2	40.8

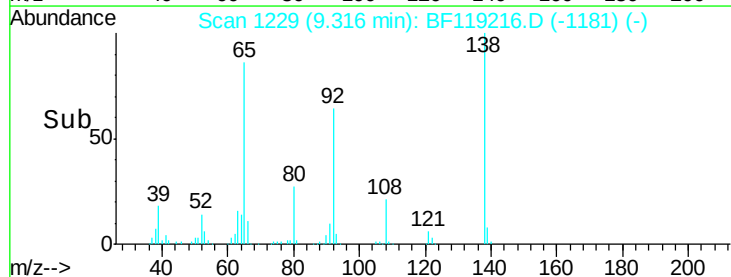
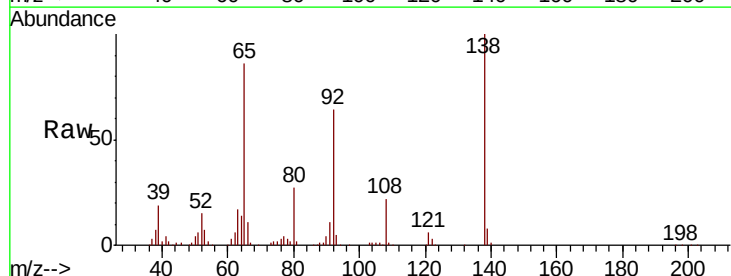
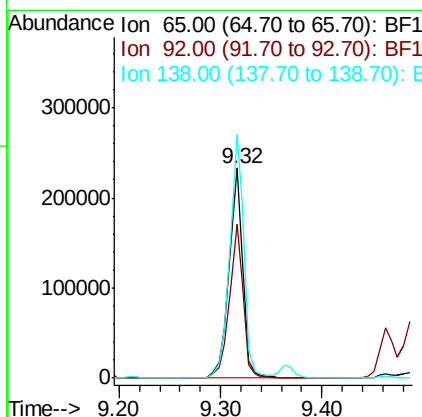
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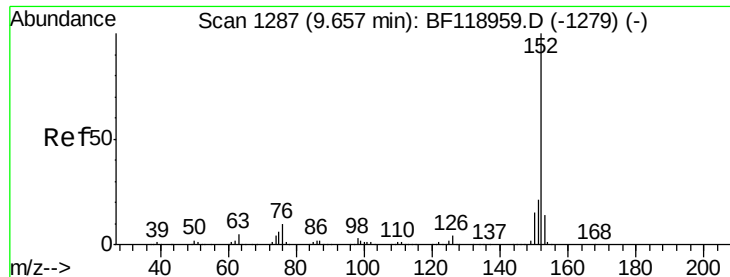
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#48
2-Nitroaniline
Concen: 43.836 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	222766		
92	73.6		58.2	87.2
138	115.9		95.6	143.4





#49

Acenaphthylene

Concen: 44.580 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

ClientSampleId :

PB127285BS

Tot Ion:152 Resp: 1173108

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

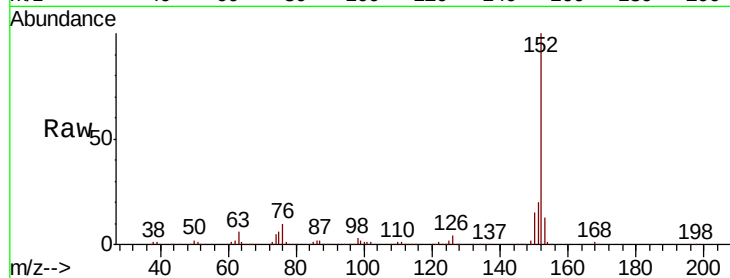
153 13.3 11.0 16.6

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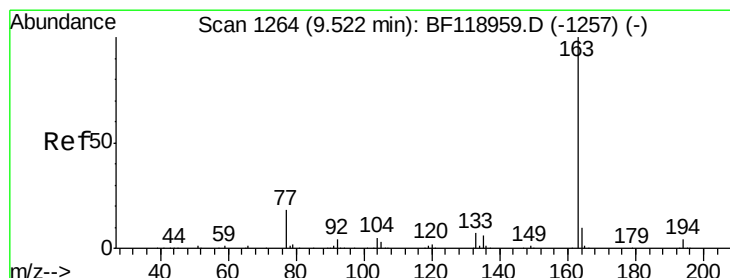
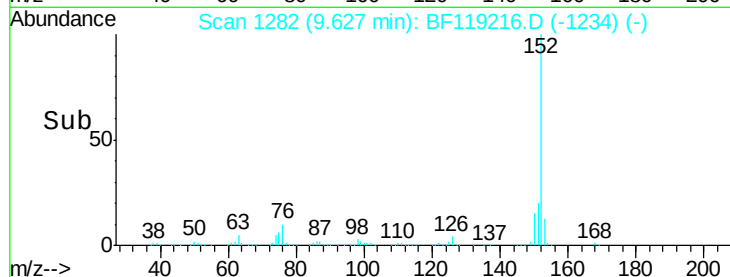
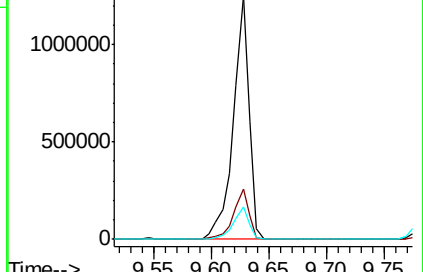
3/9/2020 8:27:03 AM



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: 44.554 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

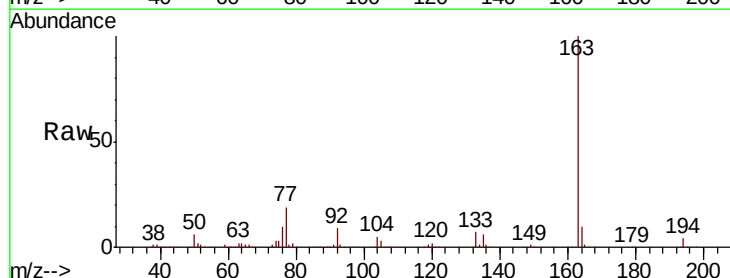
Tgt Ion:163 Resp: 953071

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

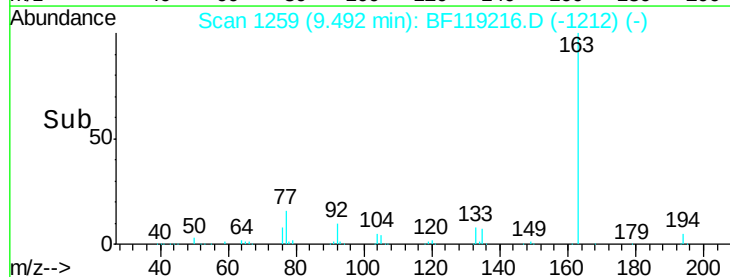
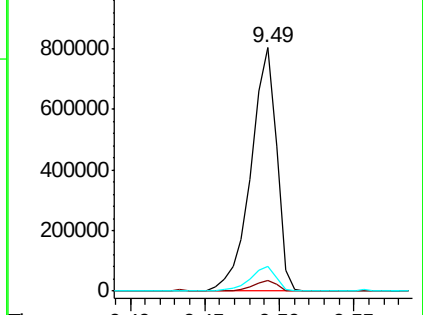
164 10.2 8.4 12.6

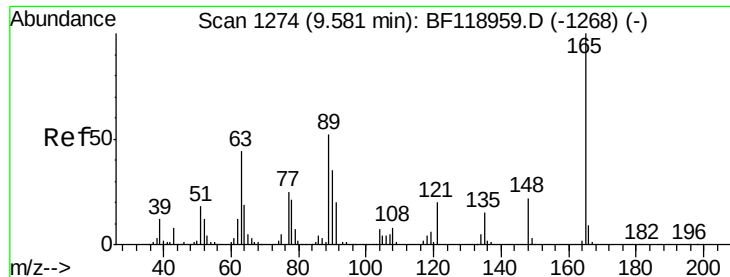


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.871 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

ClientSampleId :

PB127285BS

Tot Ion:165 Resp: 213252

Ion Ratio Lower Upper

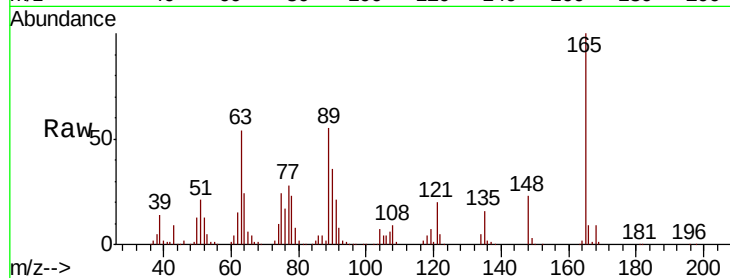
165 100

63 53.9 34.3 51.5#

89 55.2 38.3 57.5

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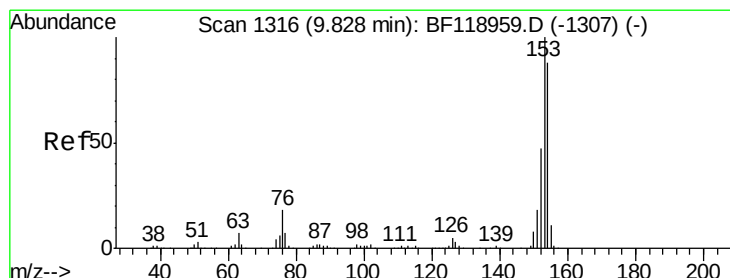
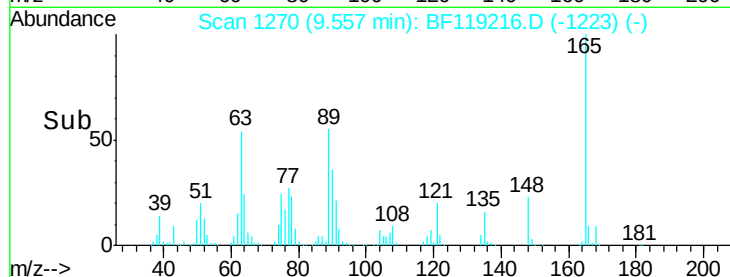
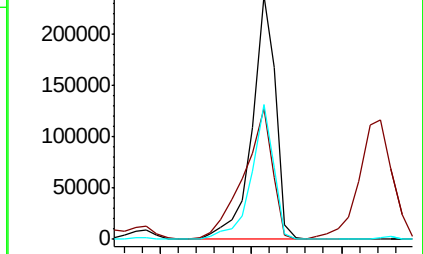
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.579 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

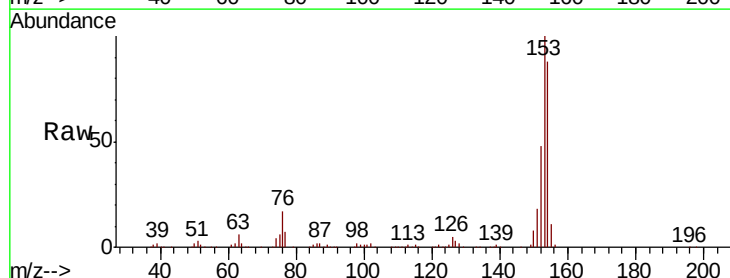
Tgt Ion:154 Resp: 691472

Ion Ratio Lower Upper

154 100

153 113.2 90.3 135.5

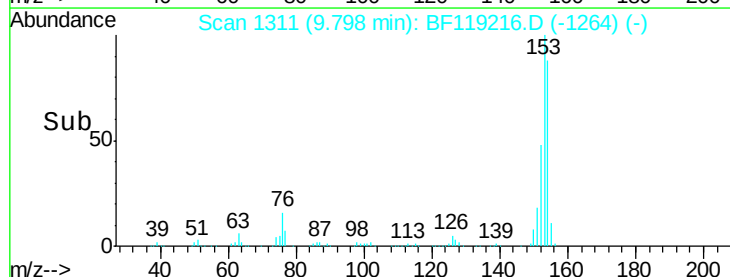
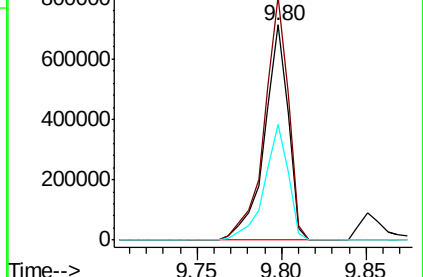
152 53.9 43.8 65.8

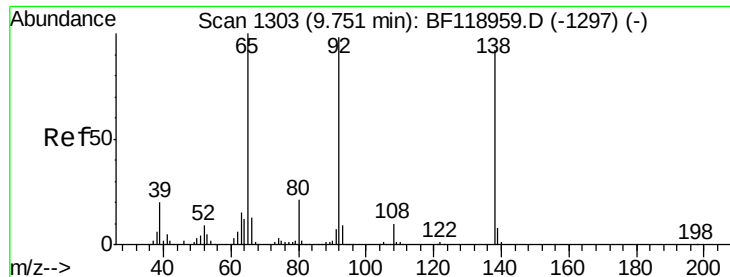


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





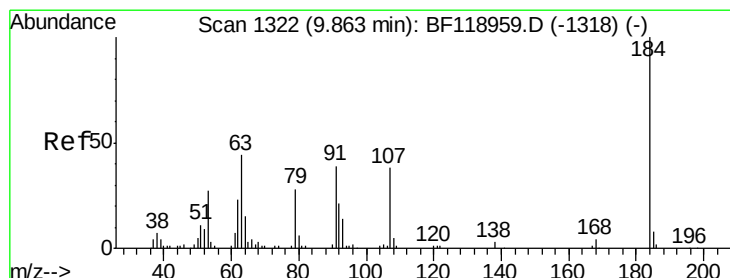
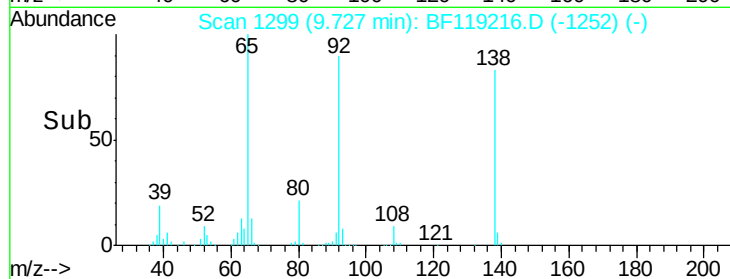
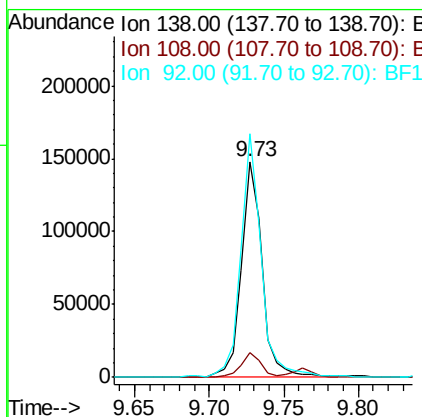
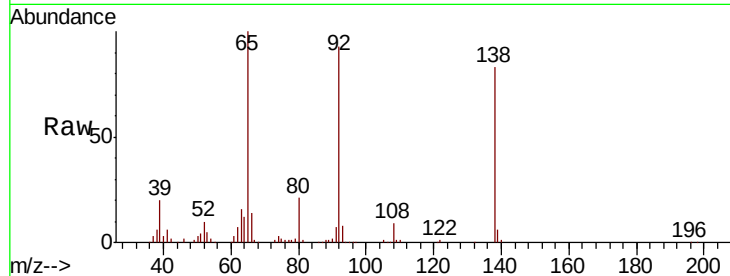
#53
3-Nitroaniline
Concen: 27.402 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.8	13.2
92	113.0	84.8	127.2

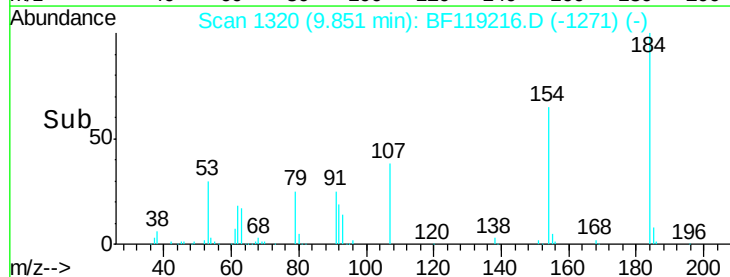
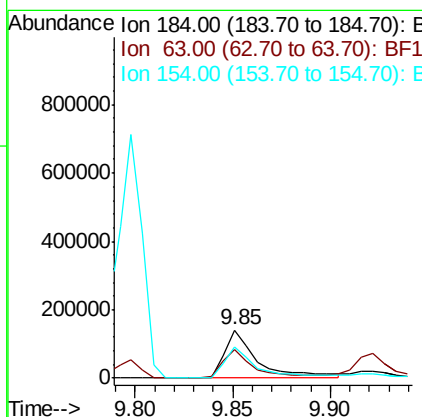
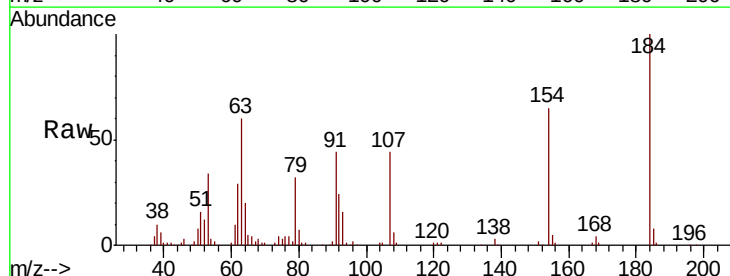
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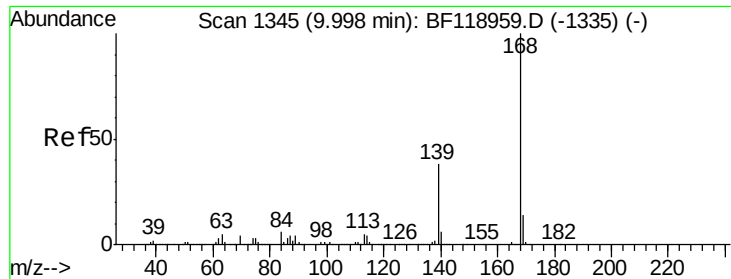
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#54
2,4-Dinitrophenol
Concen: 71.692 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	38.7	58.1#
154	65.1	49.7	74.5





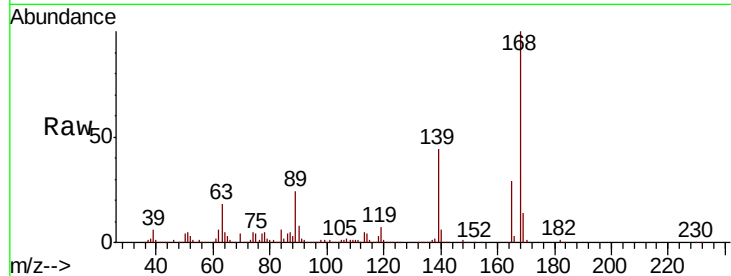
#55
Dibenzenofuran
Concen: 43.635 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	34.0	51.0
169	13.7	11.0	16.4

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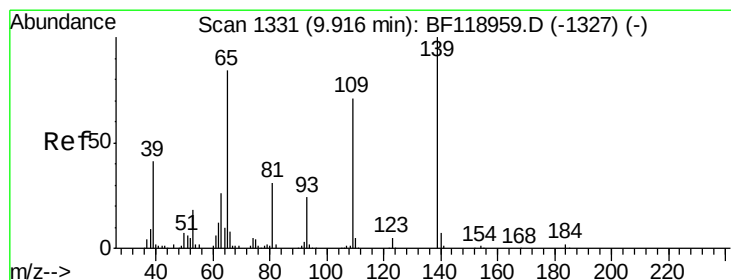
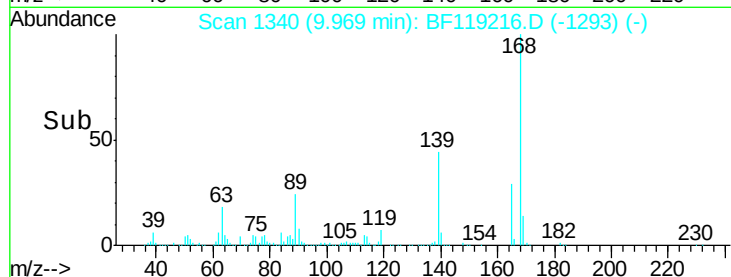
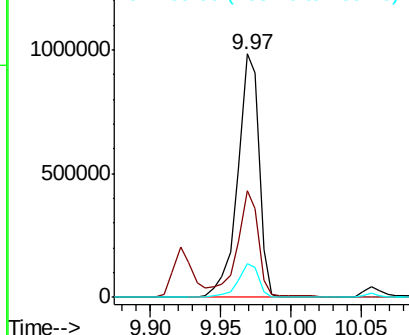


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 62.207 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

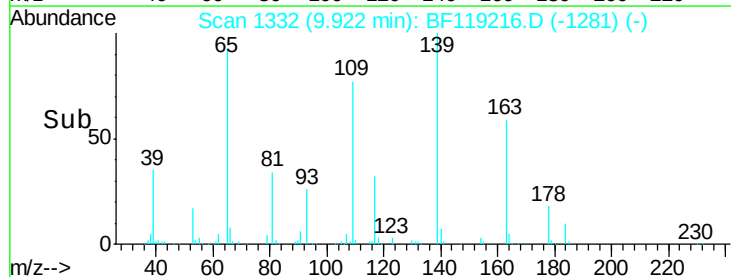
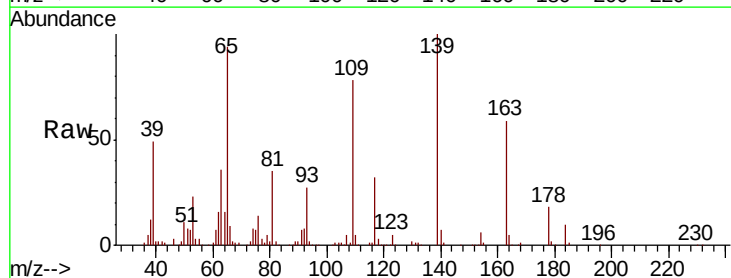
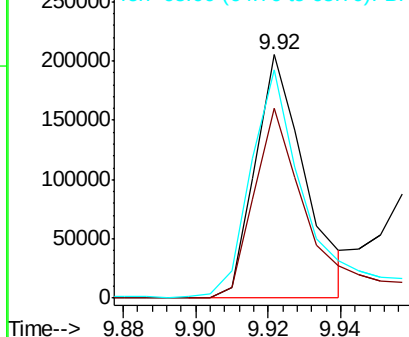
Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.8	56.7	96.7
65	93.8	65.0	105.0

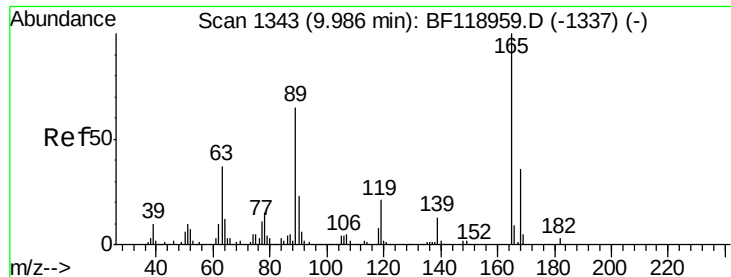
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.175 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

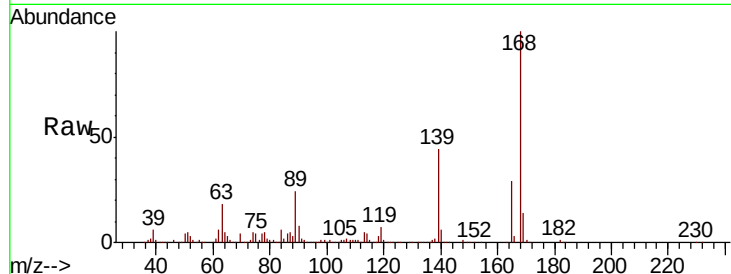
ClientSampleId :

PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	265966		
63	60.3	42.3	63.5	
89	82.0	60.2	90.4	
182	2.9	2.3	3.5	

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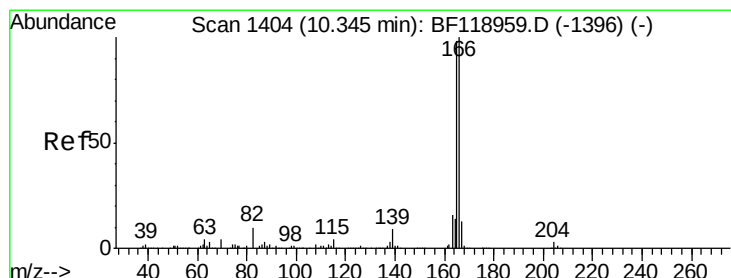
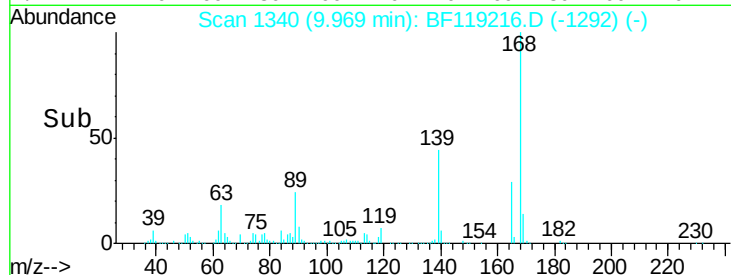
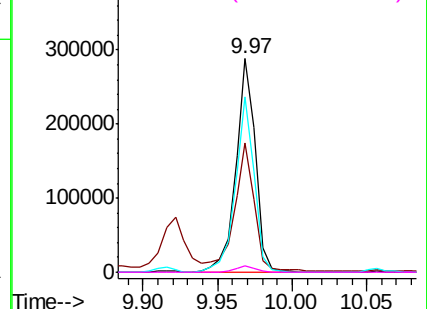


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.934 ng

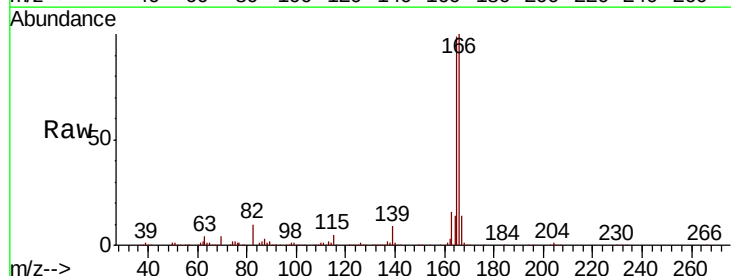
RT: 10.32 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

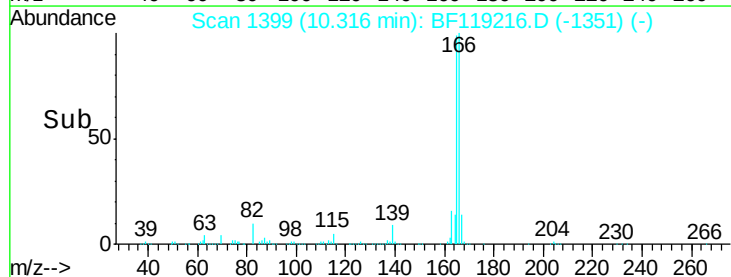
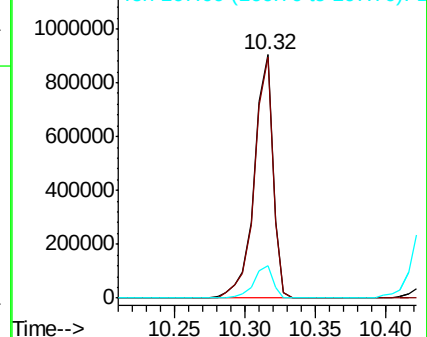
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	845331		
165	99.0	78.5	117.7	
167	13.6	11.0	16.4	

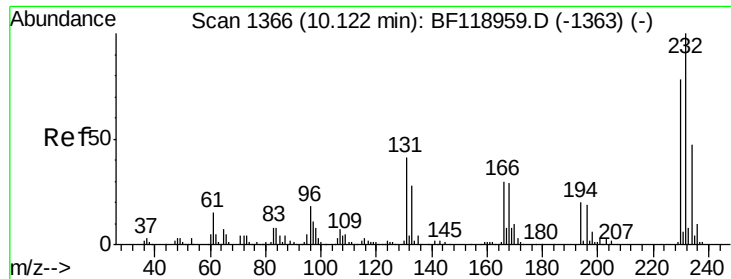


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





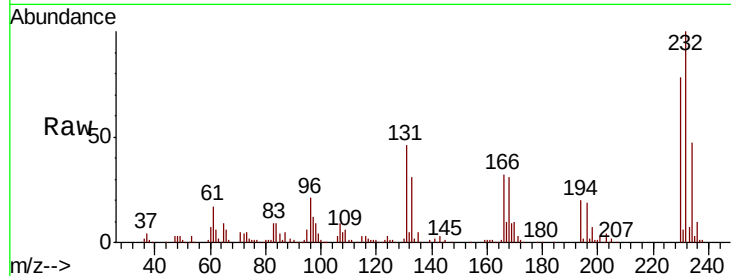
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.362 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

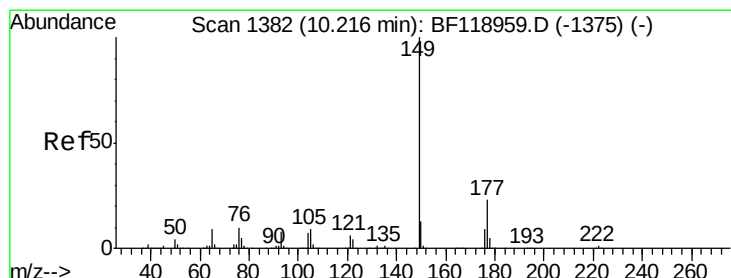
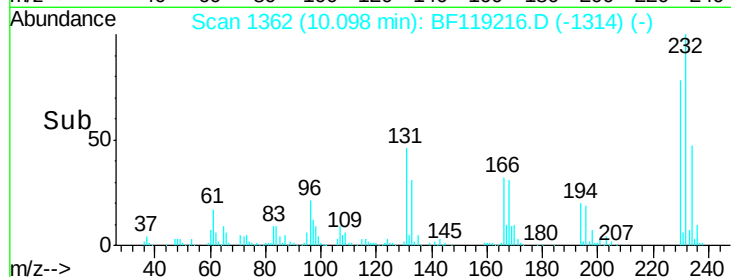
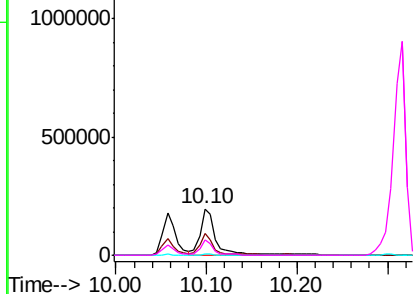
Tot Ion	Ratio	Resp	Lower	Upper
232	100	228685		
131	39.8		33.8	50.8
130	2.2		1.8	2.6
166	28.0		23.0	34.4

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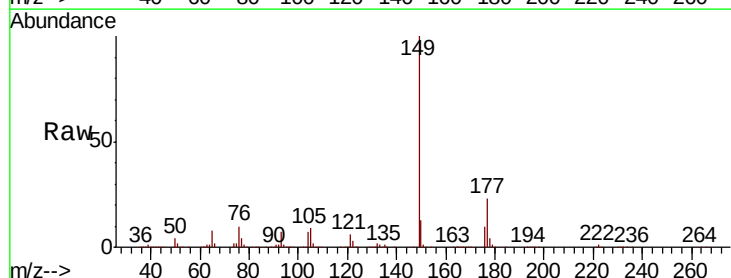


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

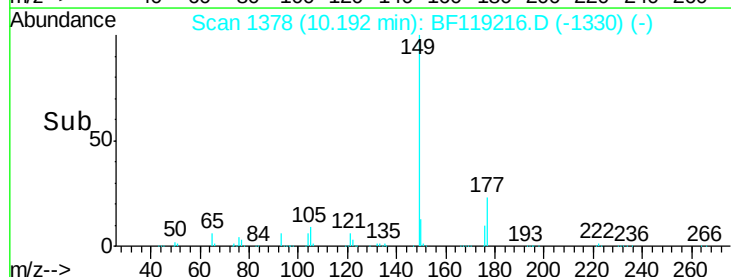
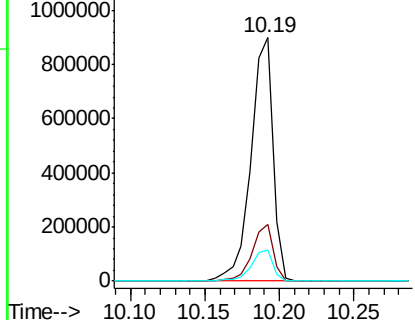


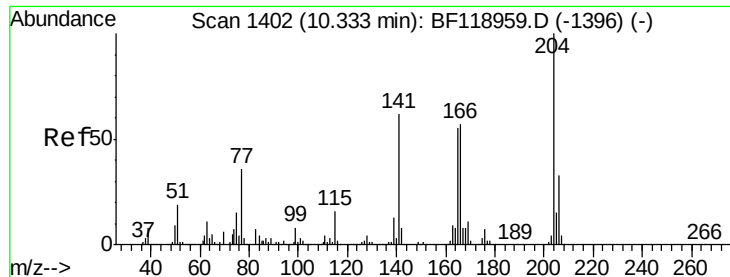
#60
 Diethylphthalate
 Concen: 45.350 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	914216		
177	23.1		18.2	27.2
150	12.6		10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





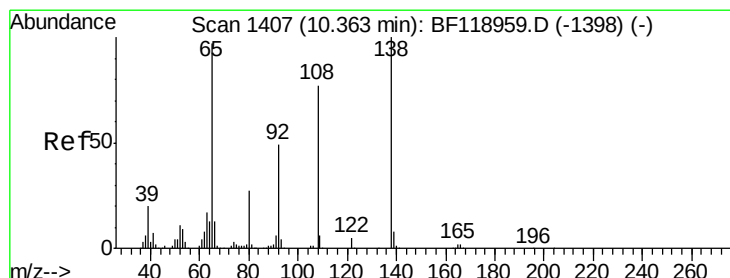
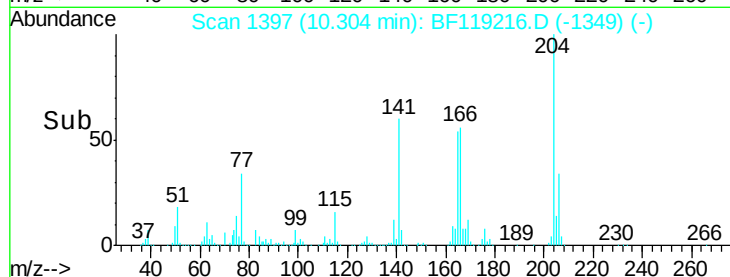
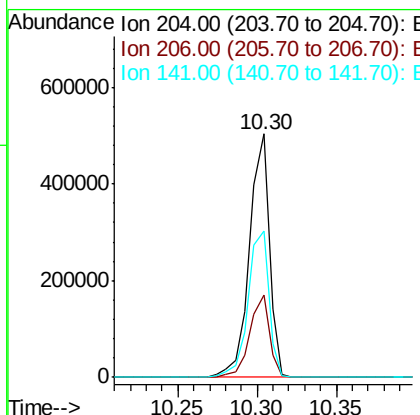
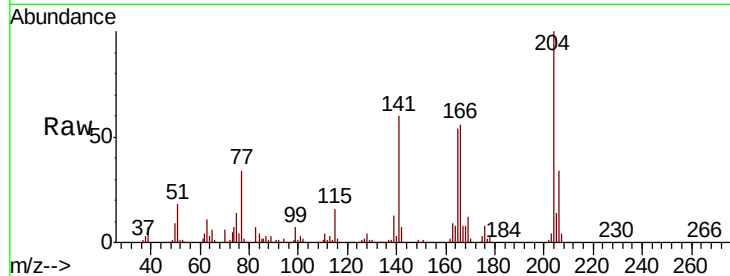
#61
4-Chlorophenyl-phenylether
Concen: 45.177 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.1	40.7
141	60.4	52.9	79.3

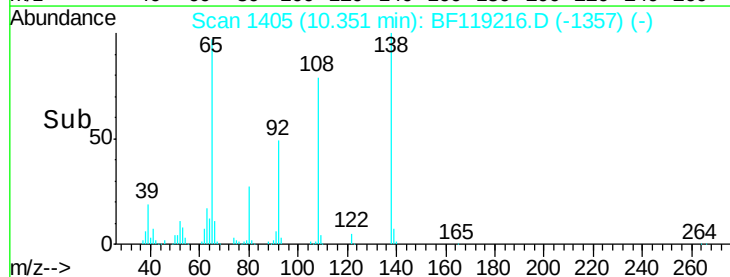
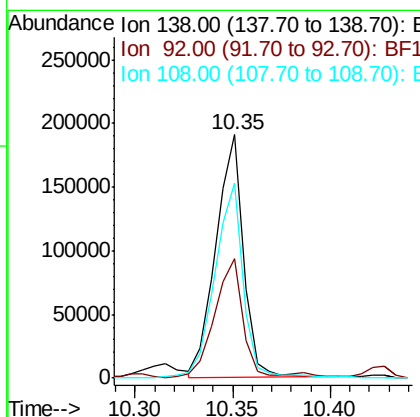
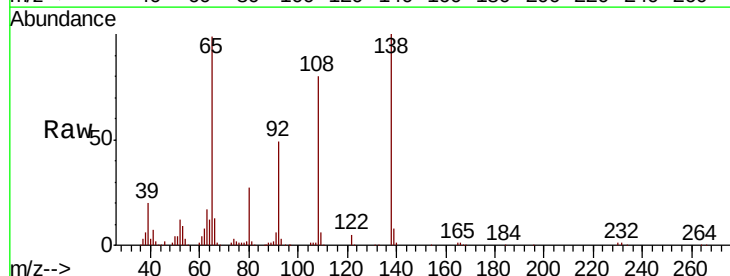
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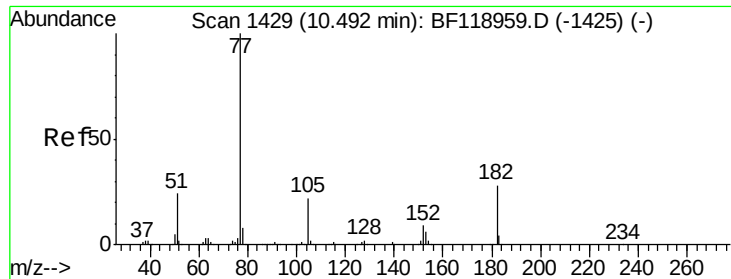
mohammad
3/9/2020 8:27:03 AM



#62
4-Nitroaniline
Concen: 34.607 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.3	67.3
108	79.9	57.0	97.0





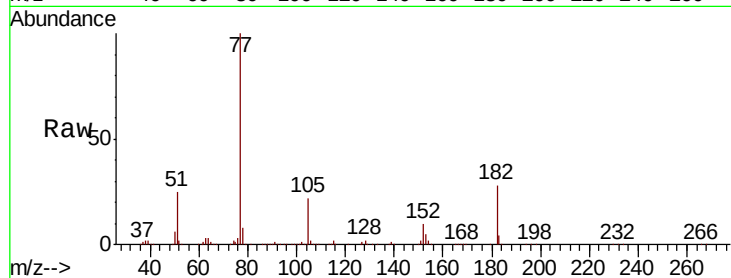
#63
Azobenzene
Concen: 46.461 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

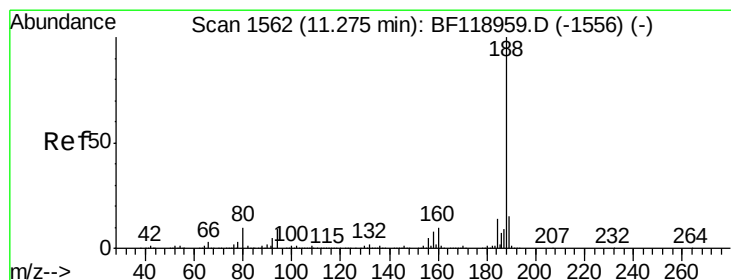
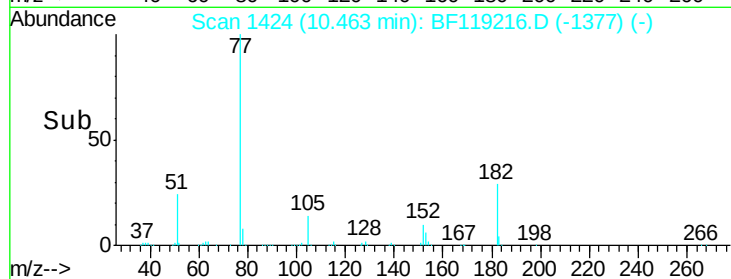
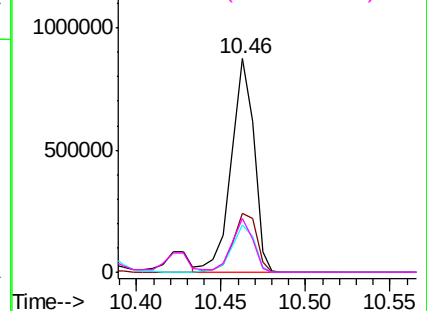
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	11.4	51.4	
105	22.1	3.4	43.4	
51	25.1	5.1	45.1	

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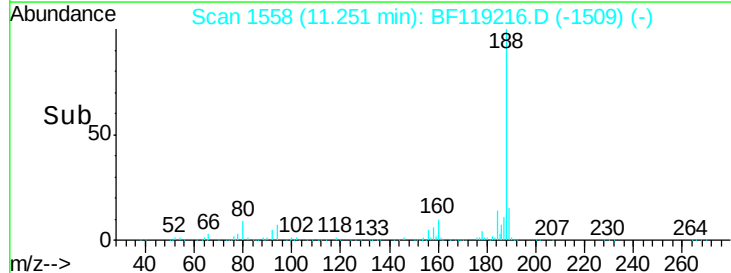
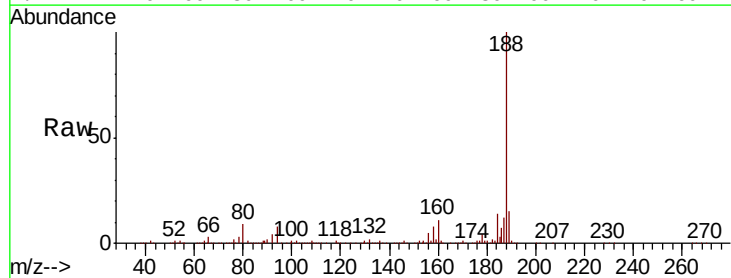
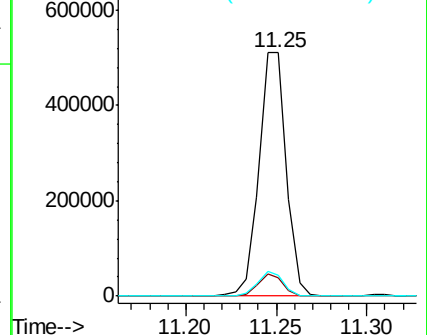
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

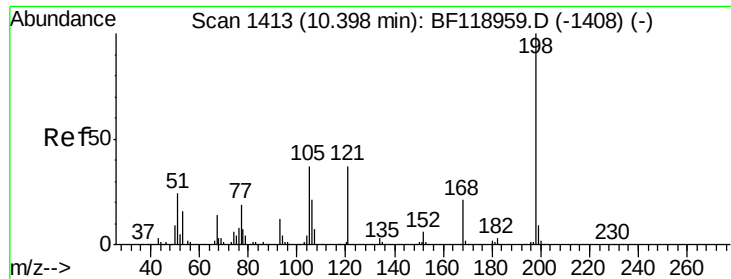


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	7.1	10.7	
80	8.6	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.862 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

ClientSampleId :

PB127285BS

Tot Ion:198 Resp: 148301

Ion Ratio Lower Upper

198 100

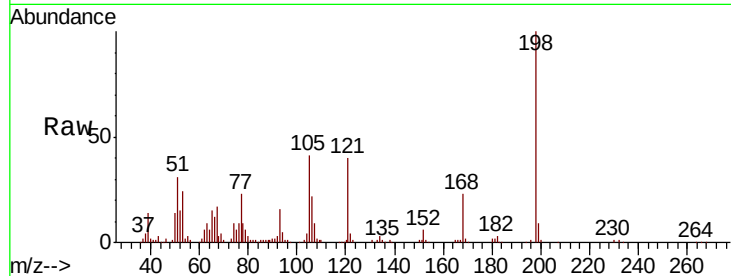
51 31.3 14.2 54.2

105 41.0 22.7 62.7

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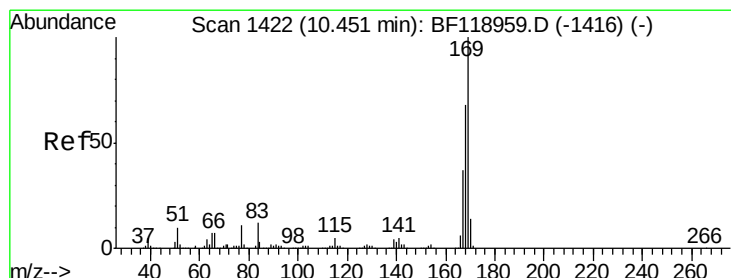
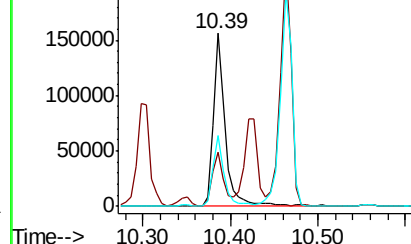
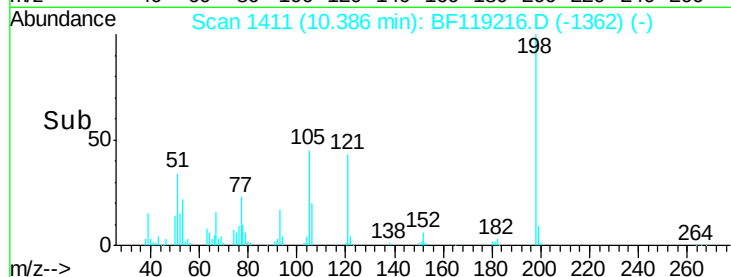
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.883 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

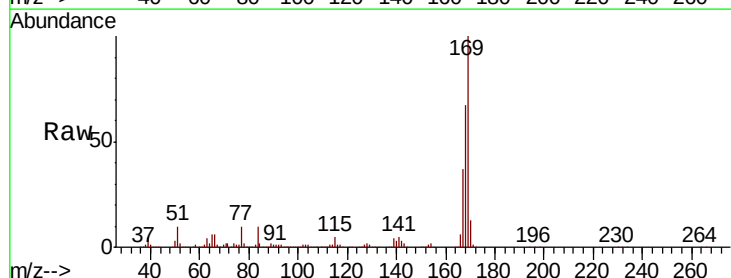
Tgt Ion:169 Resp: 767848

Ion Ratio Lower Upper

169 100

168 66.5 54.1 81.1

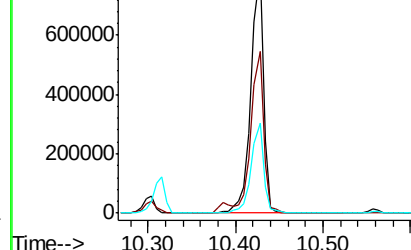
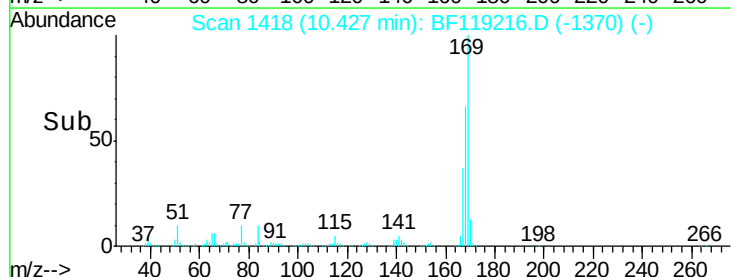
167 37.2 29.4 44.0

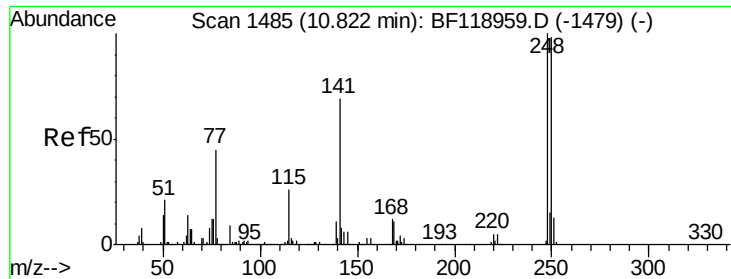


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





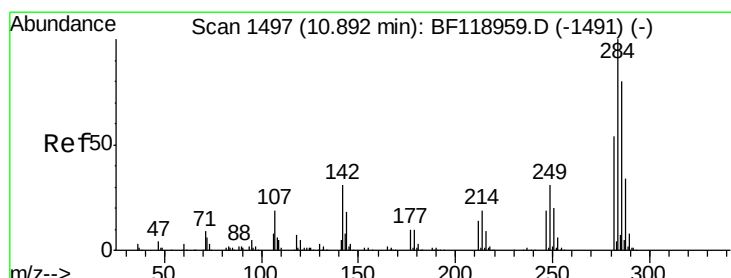
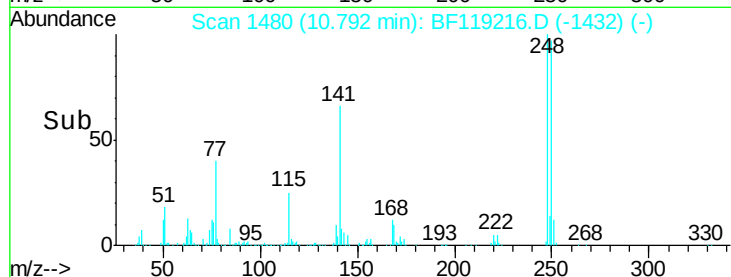
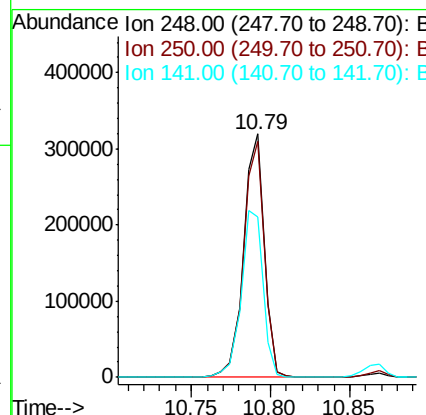
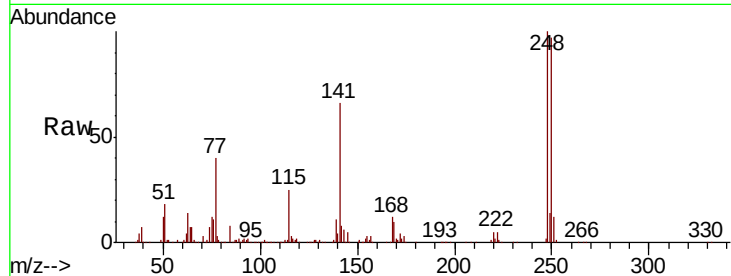
#67
4-Bromophenyl-phenylether
Concen: 41.430 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	66.1	60.7	91.1

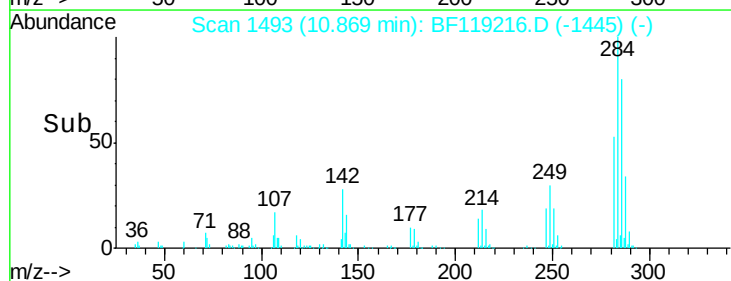
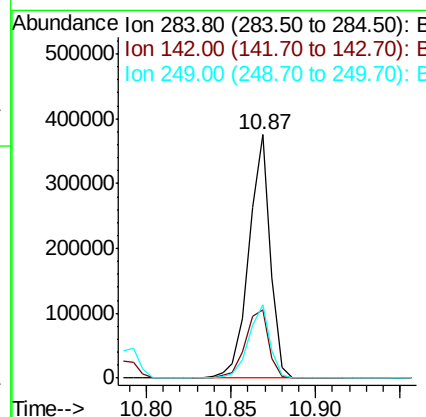
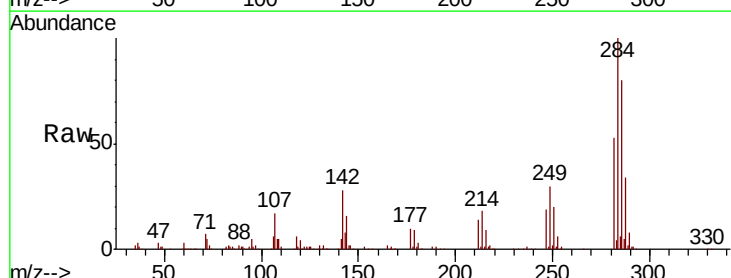
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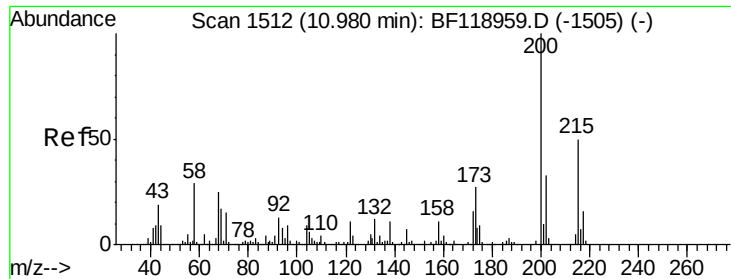
mohammad
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#68
Hexachlorobenzene
Concen: 41.182 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	23.7	35.5
249	30.1	25.0	37.6





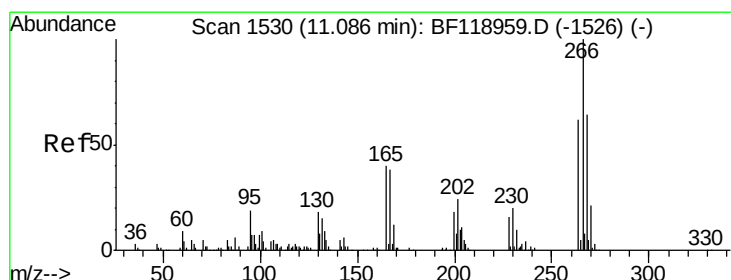
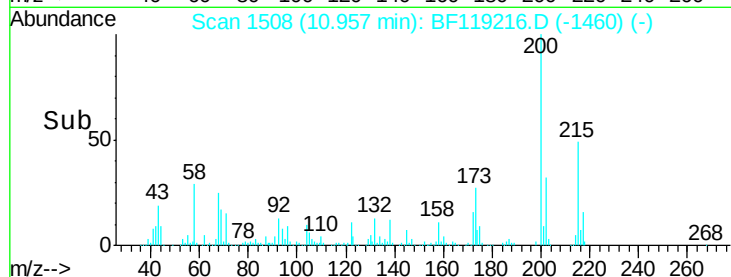
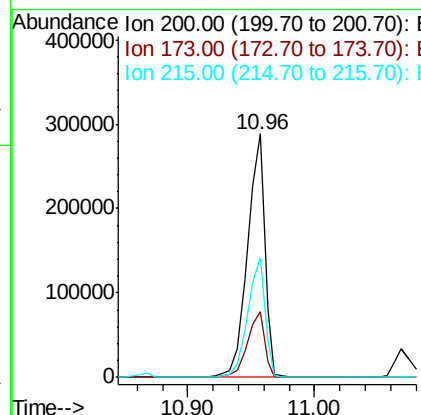
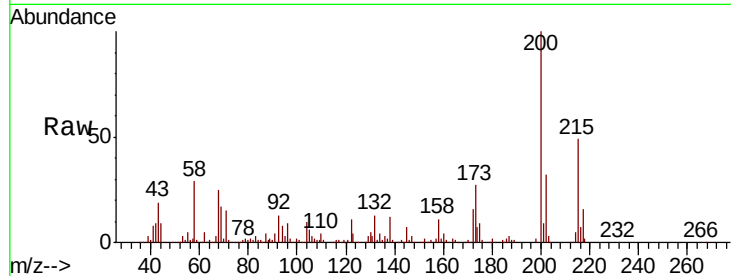
#69
Atrazine
Concen: 44.339 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.4	46.4
215	49.1	27.4	67.4

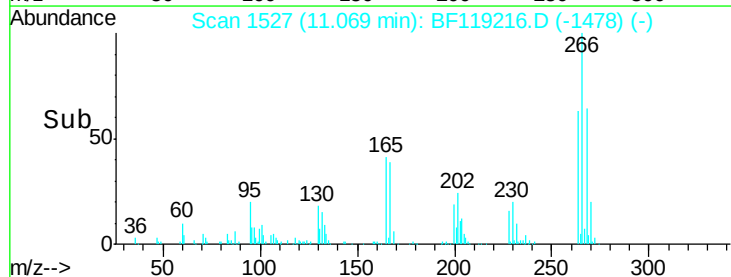
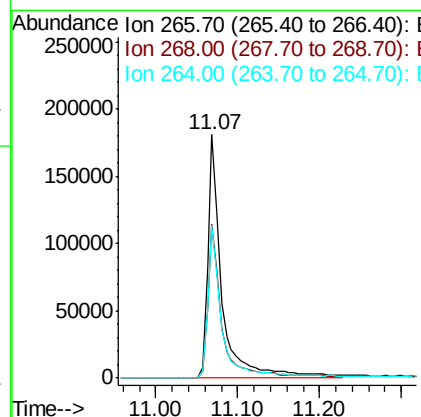
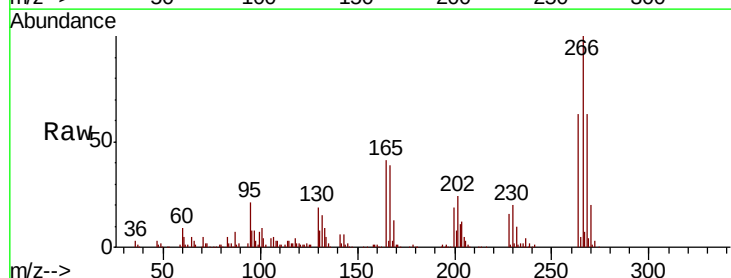
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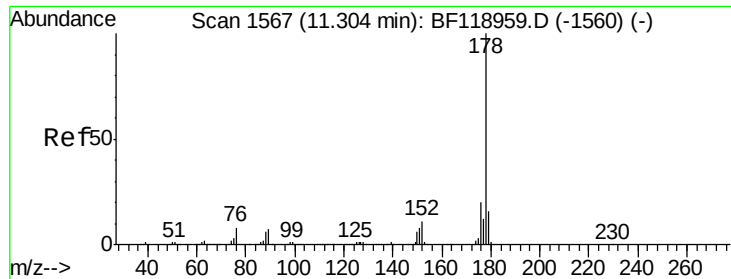
mohammad
3/9/2020 8:27:03 AM



#70
Pentachlorophenol
Concen: 68.607 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	51.9	77.9
264	62.7	51.0	76.4





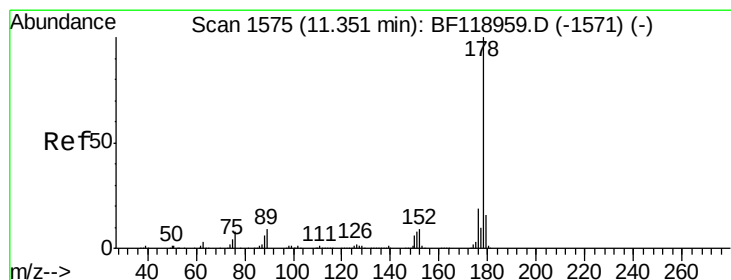
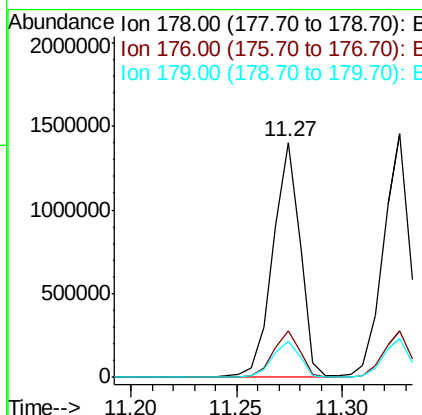
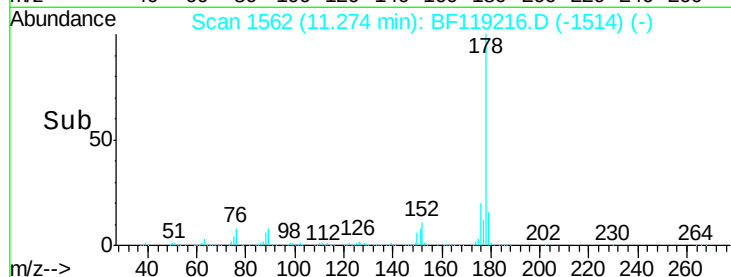
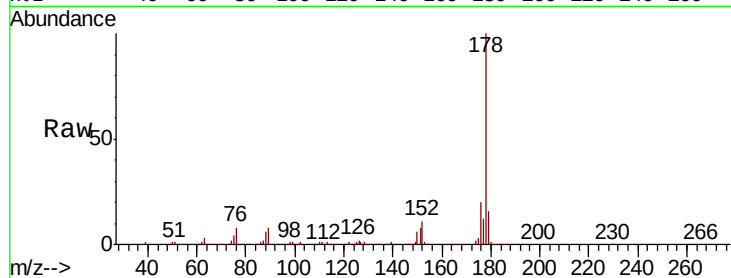
#71
Phenanthrene
Concen: 43.143 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion:178 Resp: 1257308
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.6 13.0 19.6

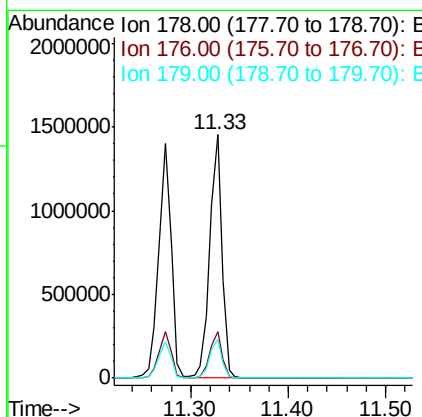
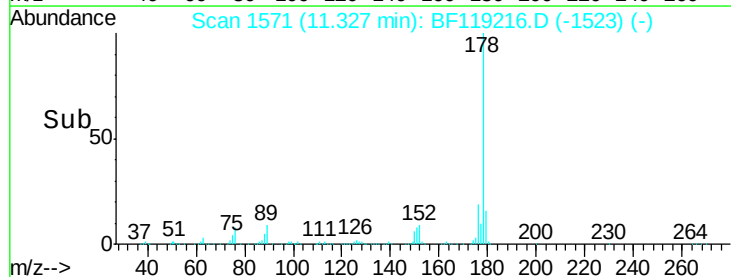
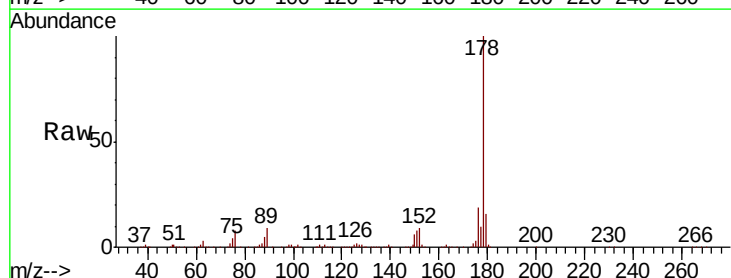
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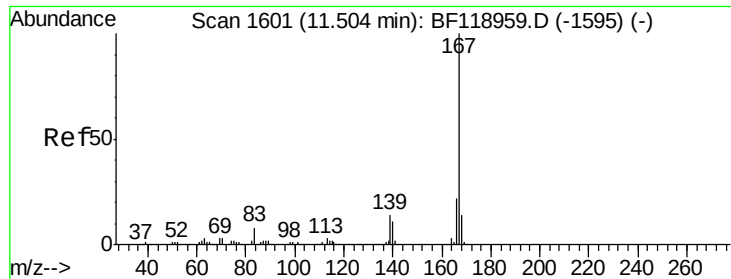
mohammad
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#72
Anthracene
Concen: 43.926 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion:178 Resp: 1279051
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.7 13.1 19.7





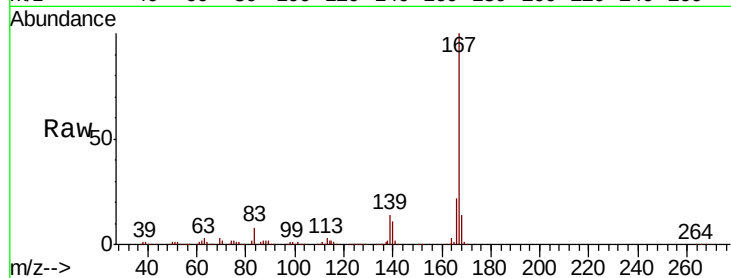
#73
 Carbazole
 Concen: 43.354 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	13.5	11.7	17.5

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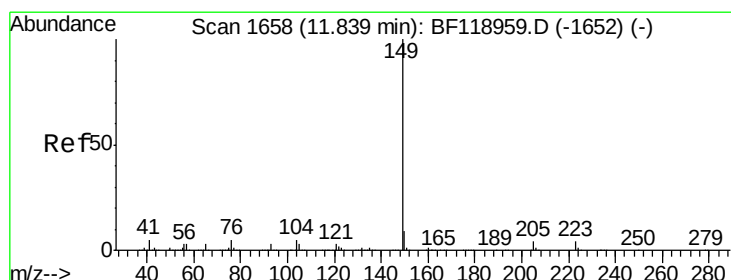
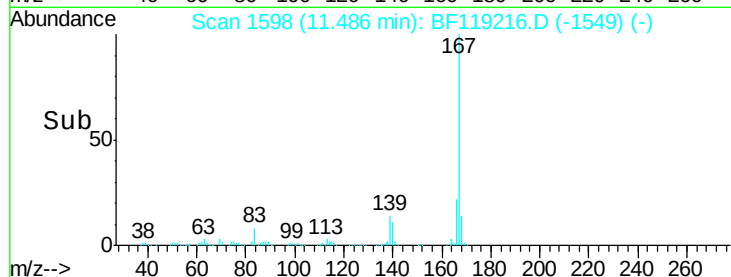
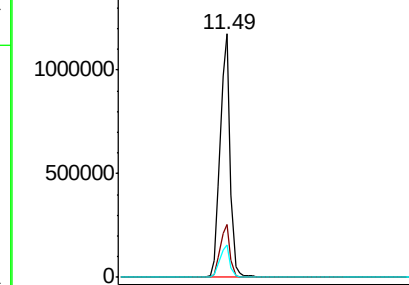


Abundance

Ion 167.00 (166.70 to 167.70): E

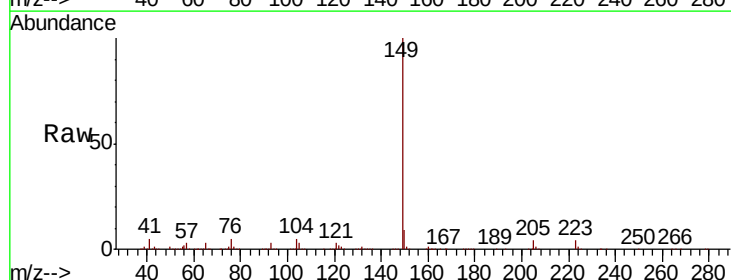
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.633 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.1	4.6	6.8

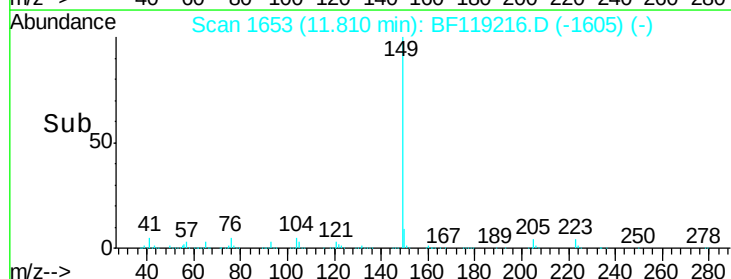
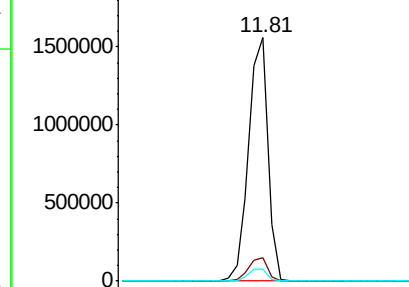


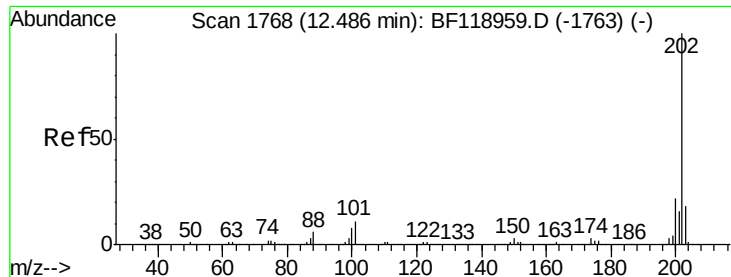
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





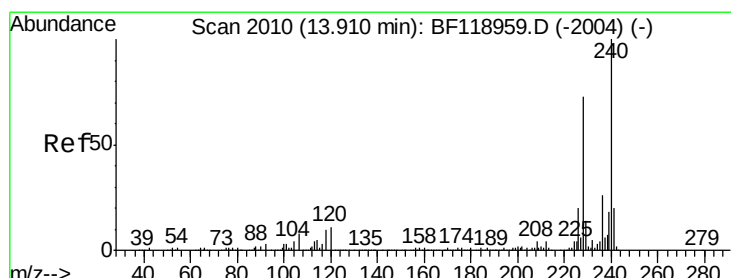
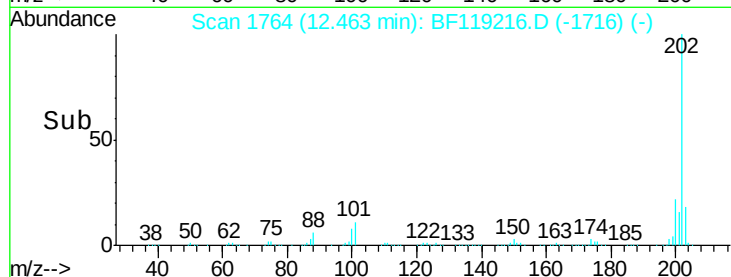
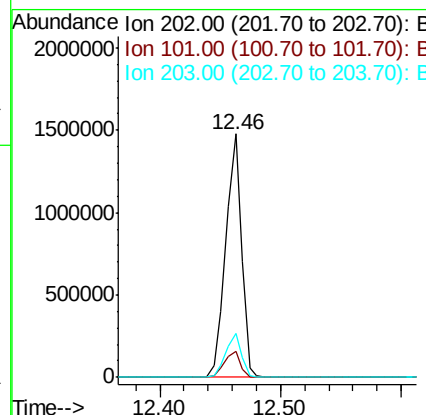
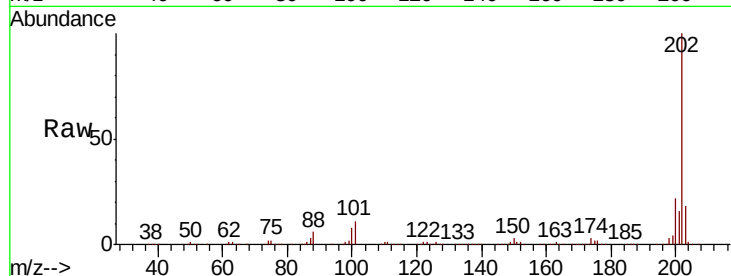
#75
 Fluoranthene
 Concen: 43.071 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1332355		
101	10.6	0.0	30.3	
203	18.1	0.0	38.4	

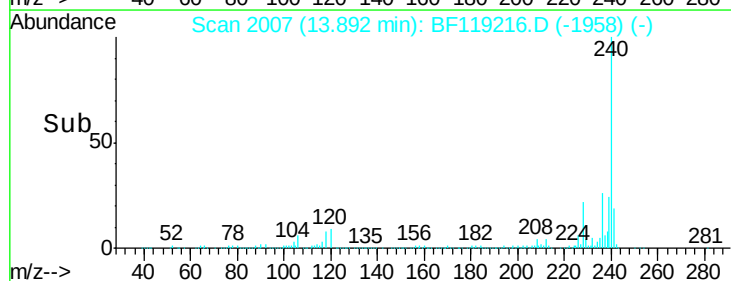
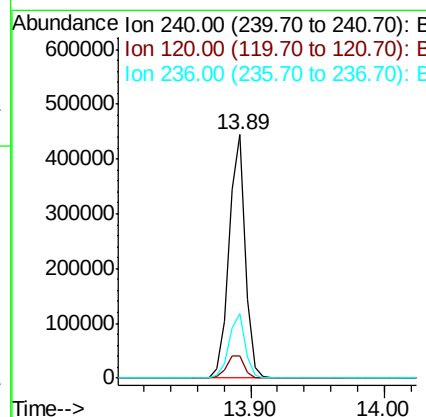
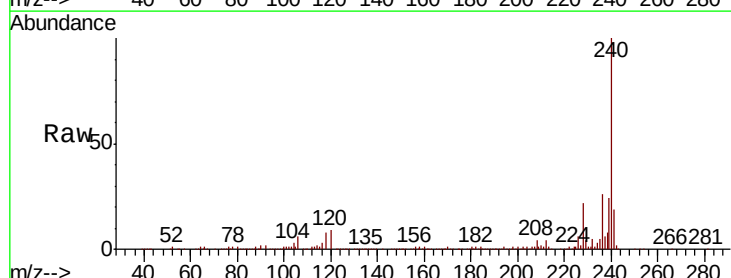
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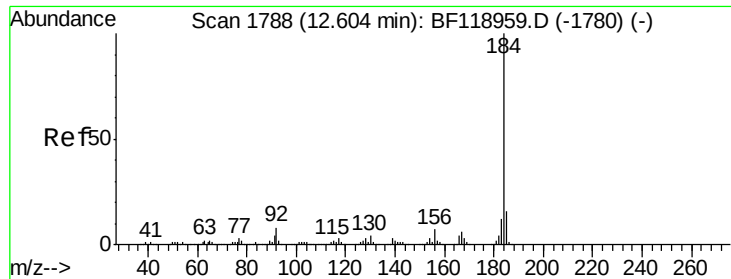
mohammad
 3/9/2020 8:27:03 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	381629		
120	9.1	8.4	12.6	
236	26.4	21.0	31.4	





#77

Benzidine

Concen: 31.387 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

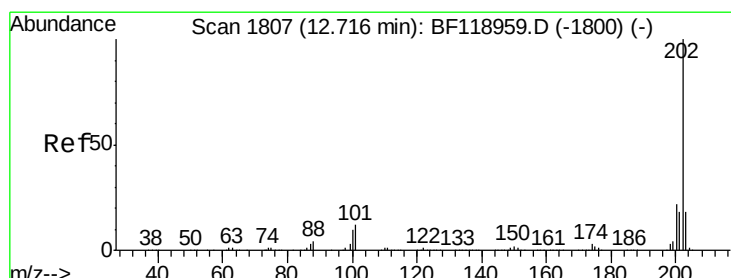
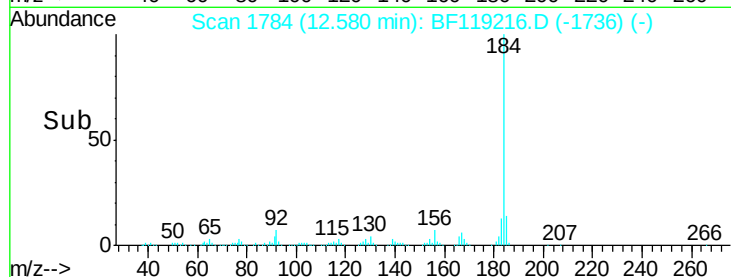
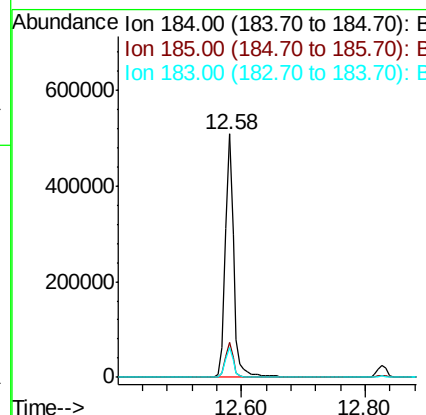
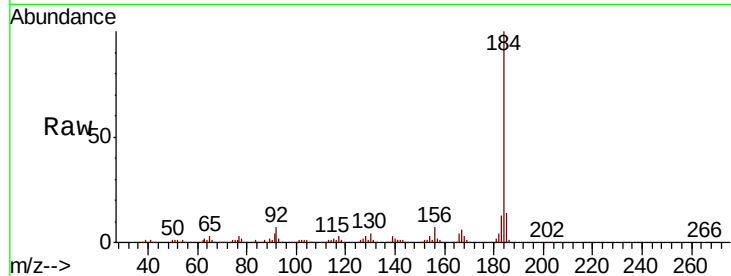
ClientSampleId :

PB127285BS

Tot Ion:	184	Resp:	487147
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	12.5	9.9	14.9

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#78

Pyrene

Concen: 43.620 ng

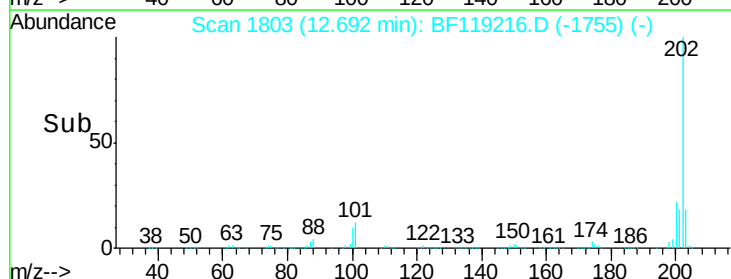
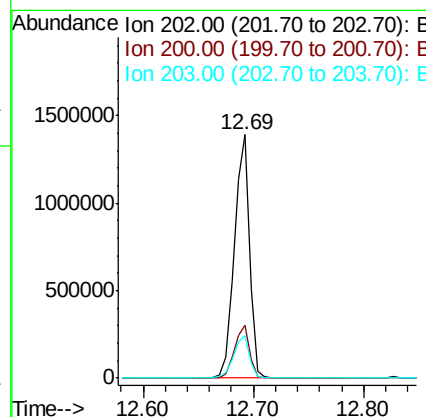
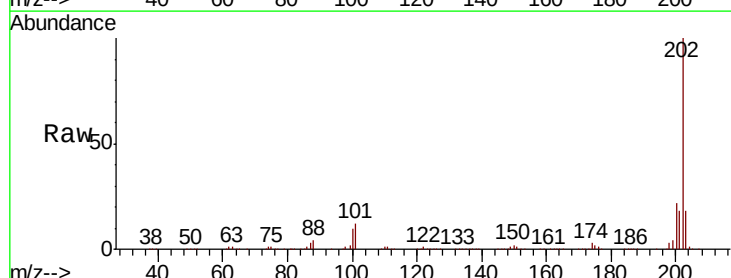
RT: 12.69 min Scan# 1803

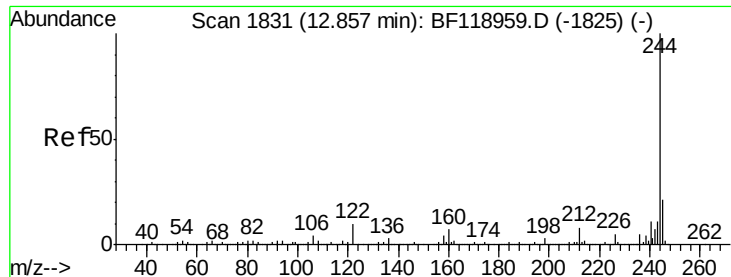
Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Tgt Ion:	202	Resp:	1336717
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.0	27.0
203	17.7	14.6	22.0





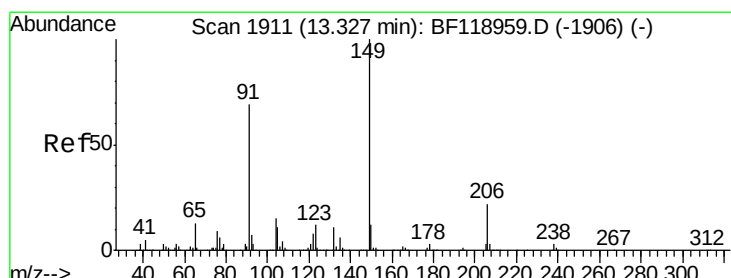
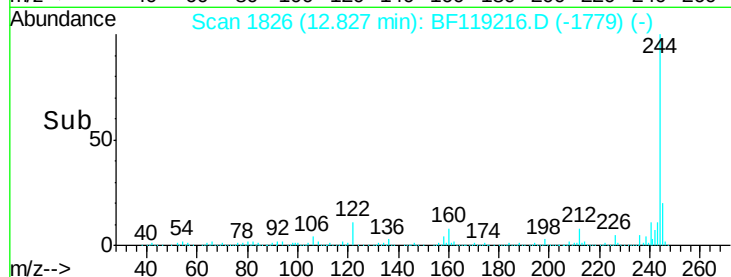
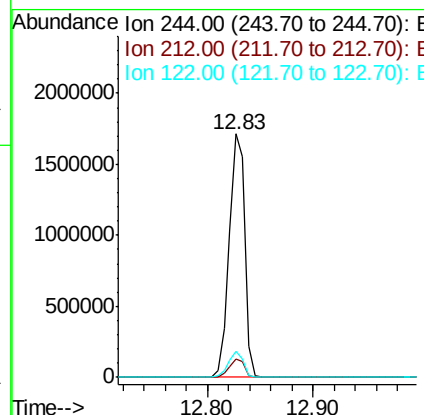
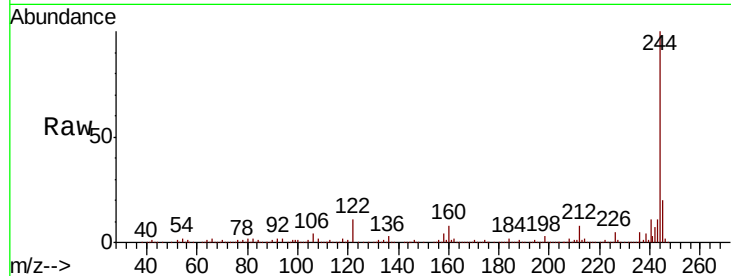
#79
 Terphenyl-d14
 Concen: 78.956 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion:244 Resp: 1750153
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.6 8.2 12.2

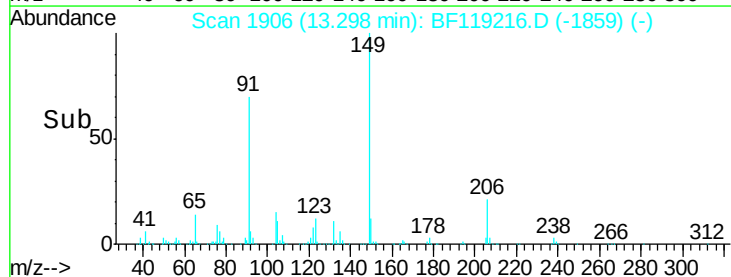
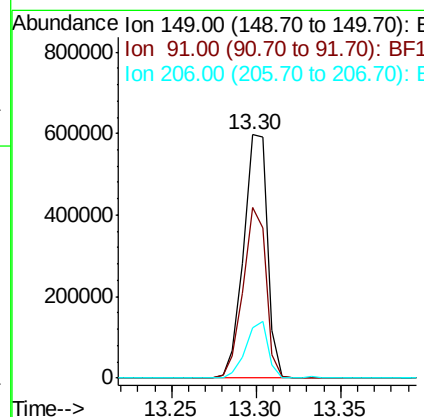
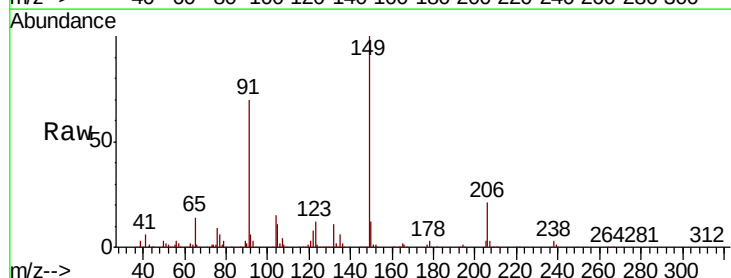
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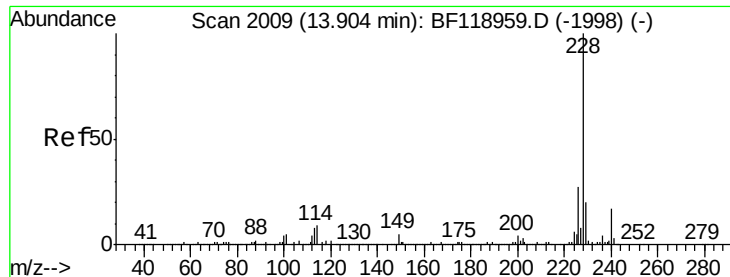
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#80
 Butylbenzylphthalate
 Concen: 45.686 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion:149 Resp: 589231
 Ion Ratio Lower Upper
 149 100
 91 70.2 52.3 78.5
 206 20.9 18.5 27.7





#81

Benzo(a)anthracene

Concen: 44.997 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

ClientSampleId :

PB127285BS

Tot Ion:228 Resp: 1170049

Ion Ratio Lower Upper

228 100

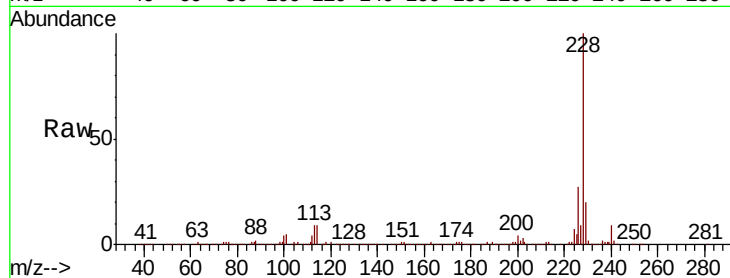
226 27.4 22.6 33.8

229 19.9 16.6 24.8

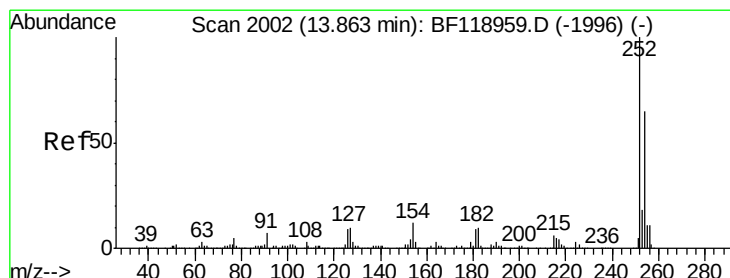
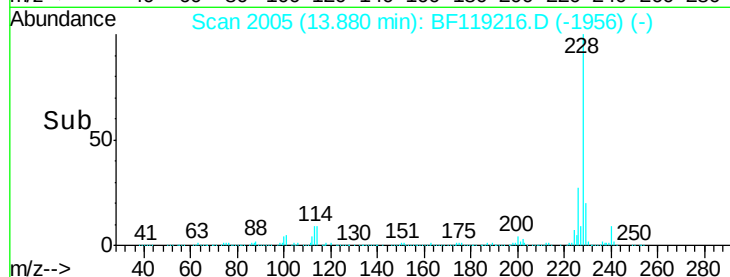
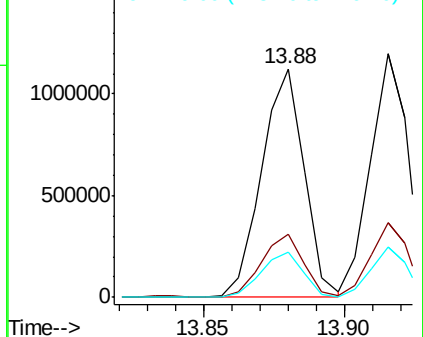
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.277 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

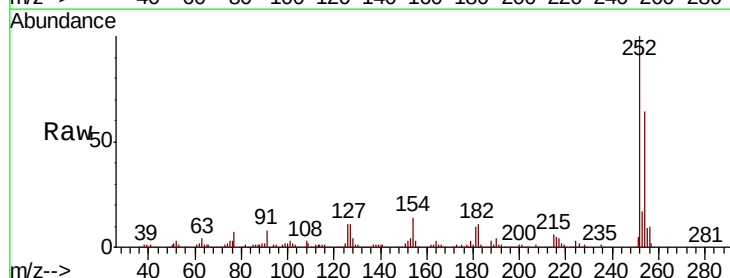
Tgt Ion:252 Resp: 325907

Ion Ratio Lower Upper

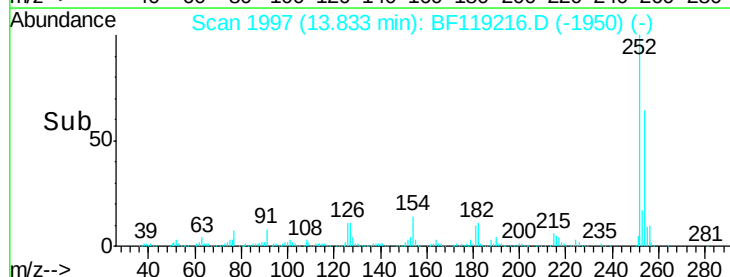
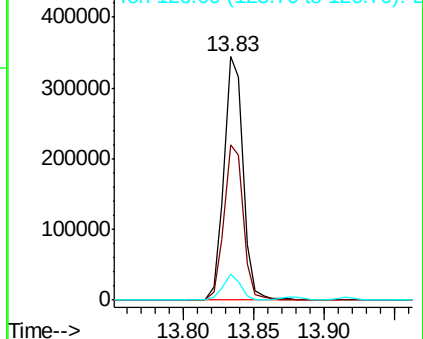
252 100

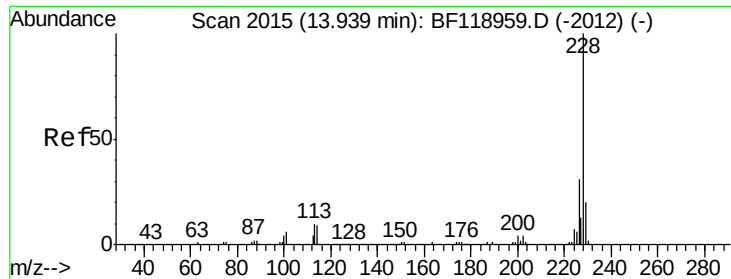
254 63.9 51.6 77.4

126 10.8 7.4 11.0



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





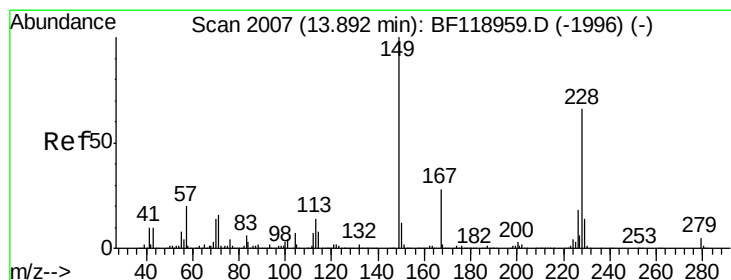
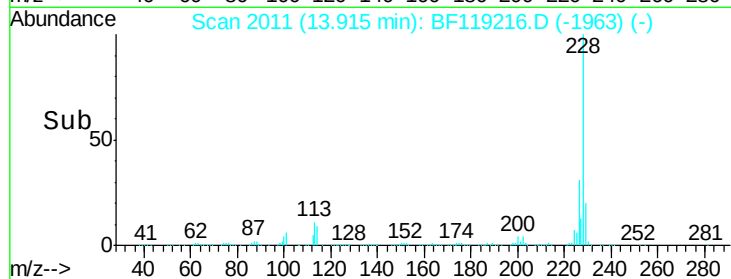
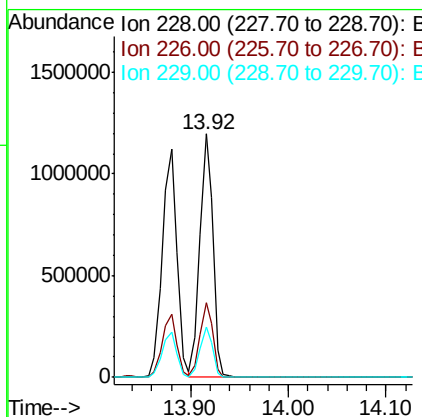
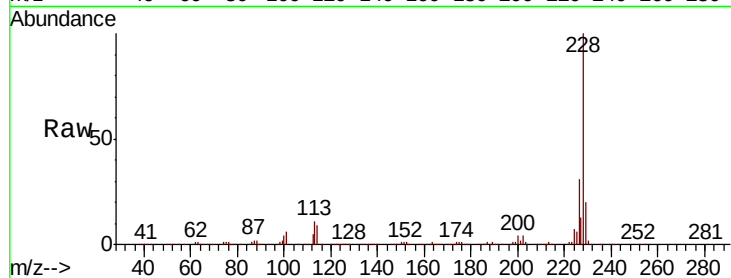
#83
 Chrysene
 Concen: 42.920 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.9	25.1	37.7	
229	20.4	16.3	24.5	

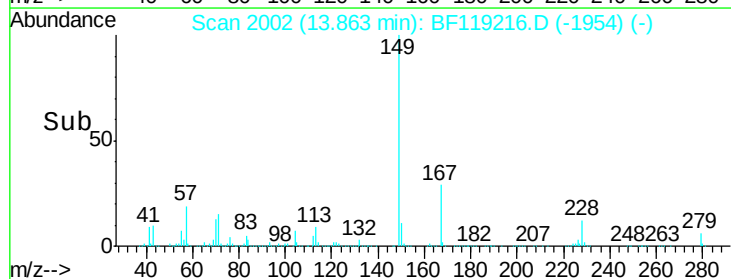
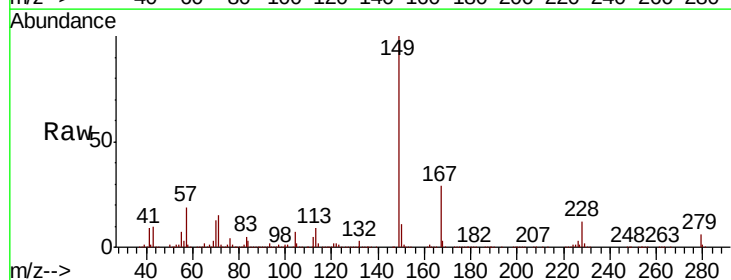
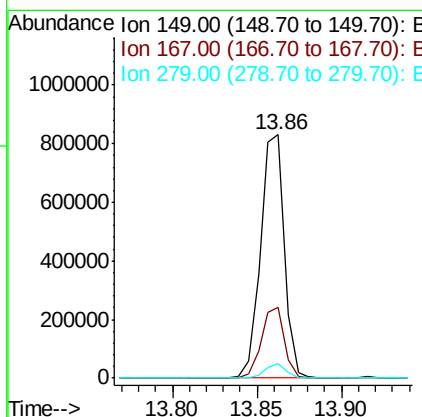
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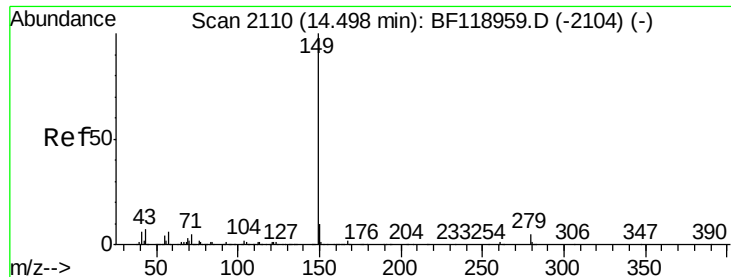
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.867 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119216.D
 Acq: 5 Mar 2020 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	29.0	22.8	34.2	
279	6.0	4.6	6.8	





#85

Di-n-octyl phthalate

Concen: 49.757 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

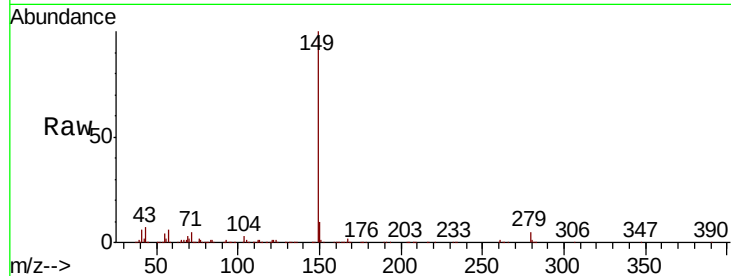
ClientSampleId :

PB127285BS

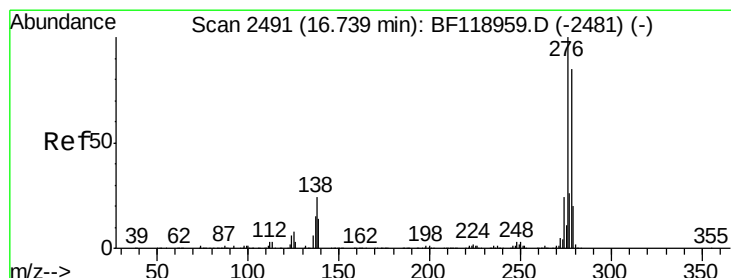
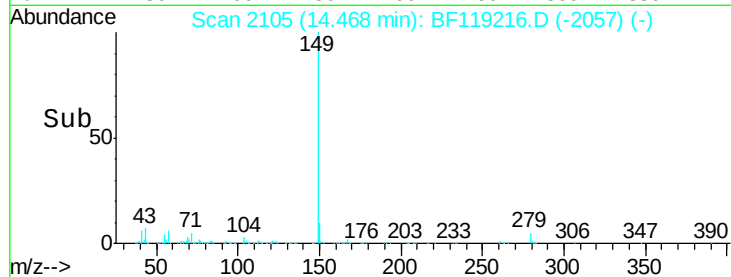
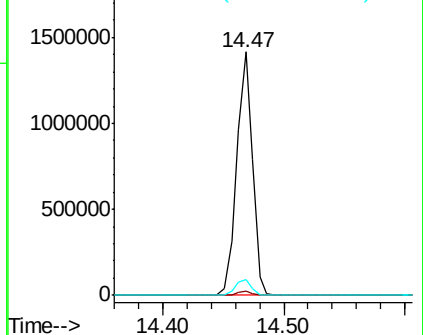
Tot Ion:	149	Resp:	1291744
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.6	5.7	8.5

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.539 ng

RT: 16.72 min Scan# 2488

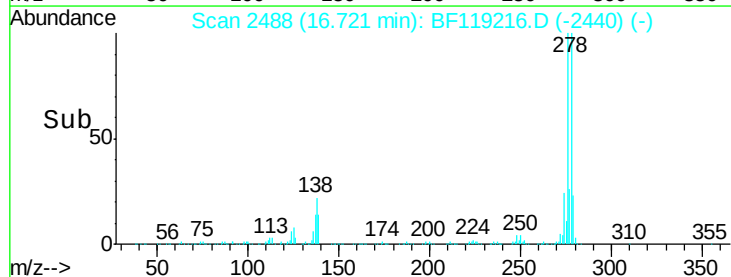
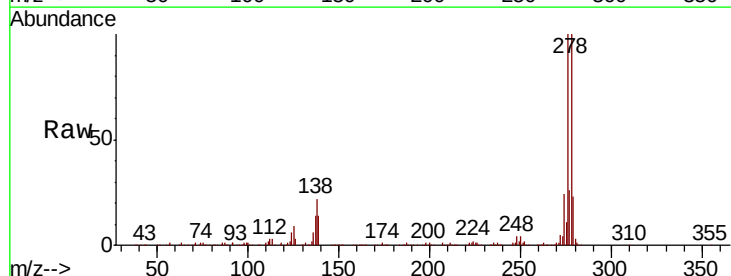
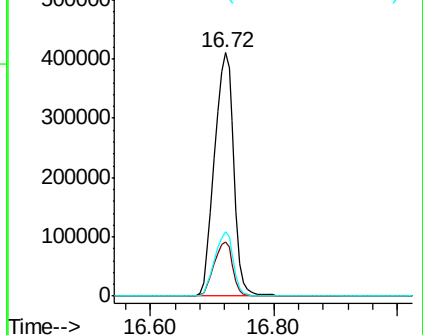
Delta R.T. -0.02 min

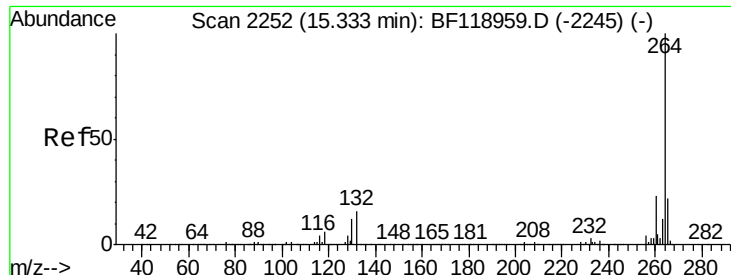
Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Tgt Ion:	276	Resp:	891594
Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.4	26.0
277	25.4	20.3	30.5

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





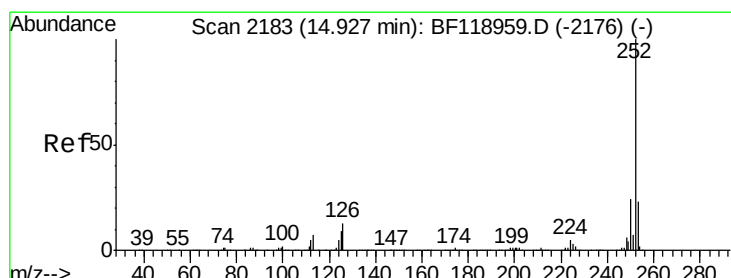
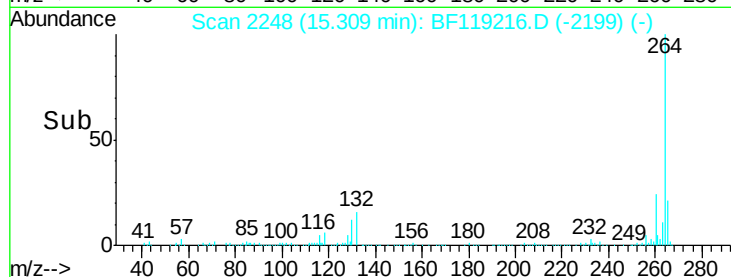
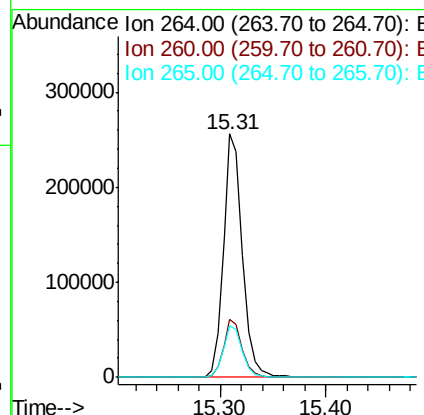
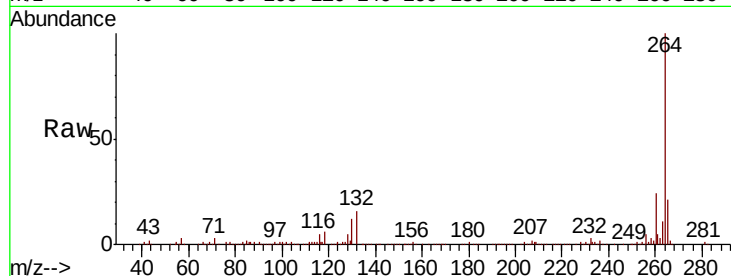
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.4	17.7	26.5

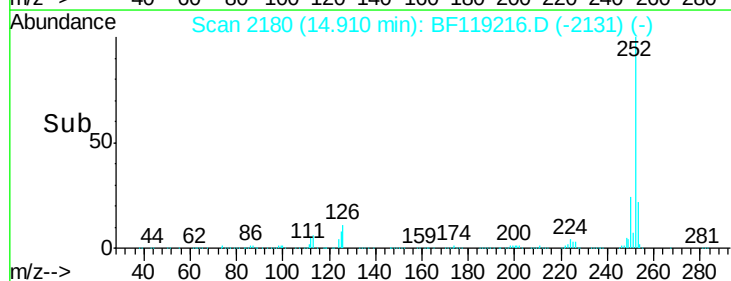
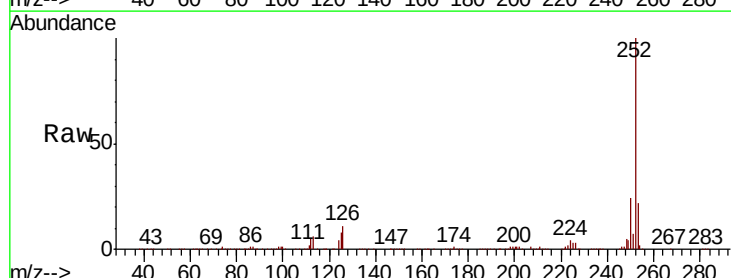
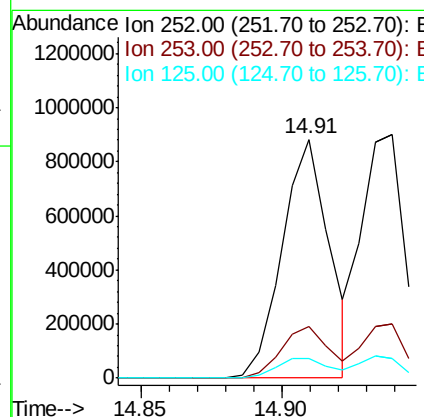
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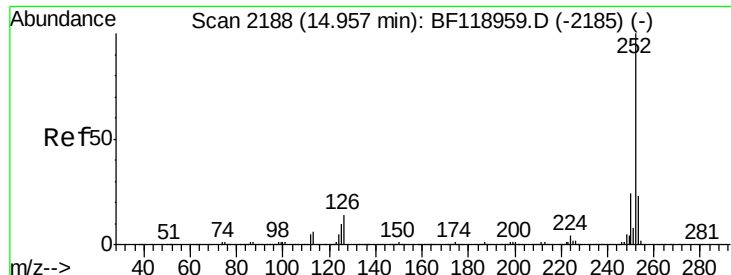
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.179 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	8.5	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 48.745 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Instrument :

BNA_F

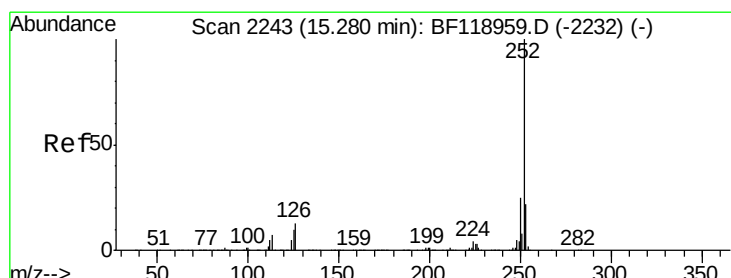
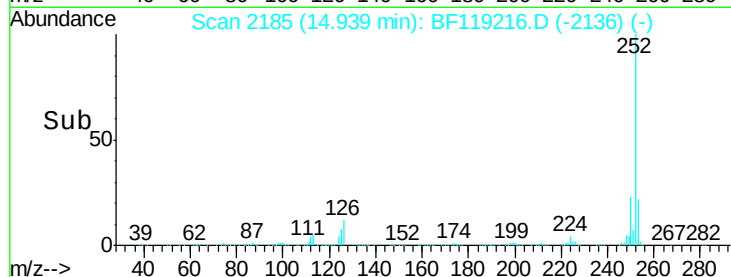
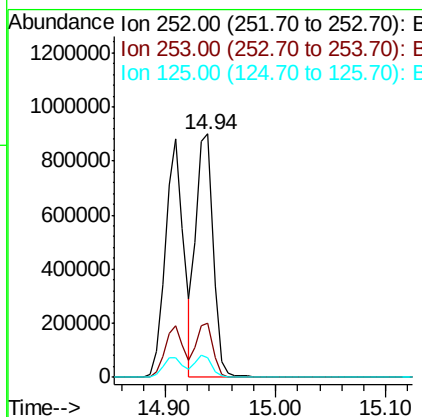
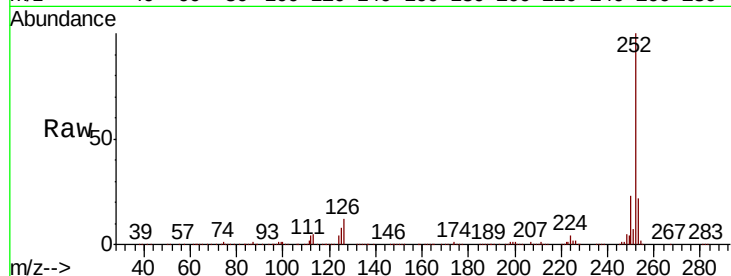
ClientSampleId :

PB127285BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.1	7.5	11.3

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#90

Benzo(a)pyrene

Concen: 44.403 ng

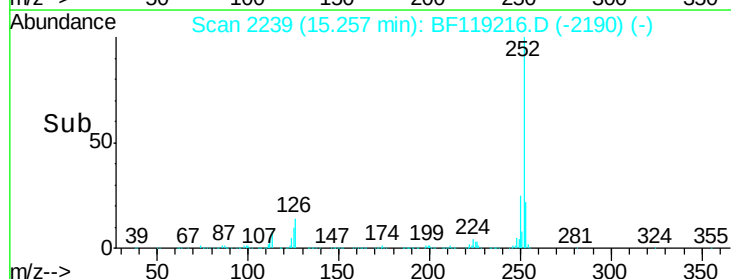
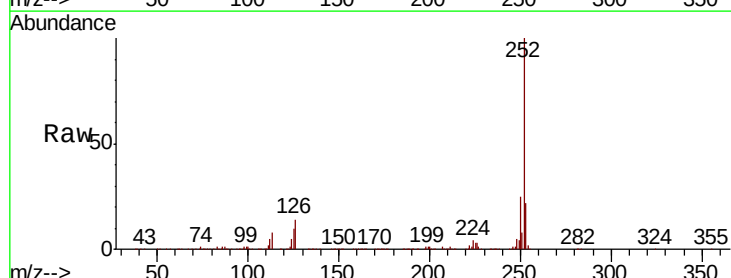
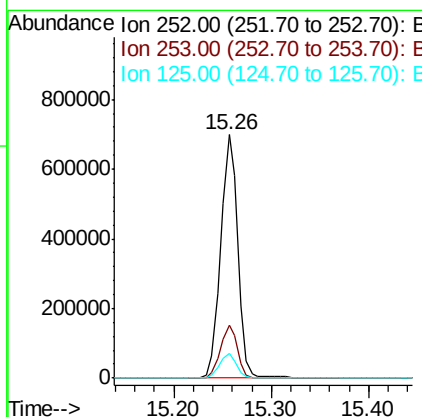
RT: 15.26 min Scan# 2239

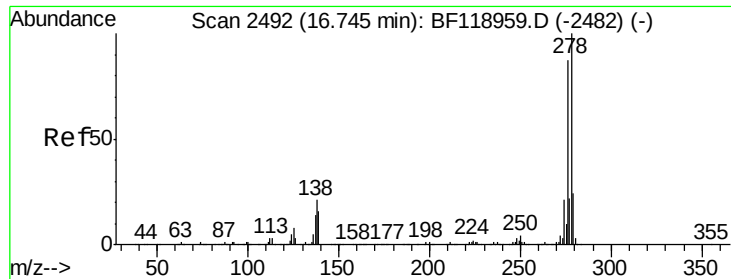
Delta R.T. -0.01 min

Lab File: BF119216.D

Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.4	8.6	12.8





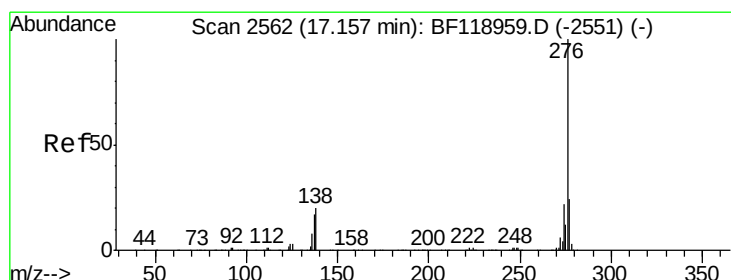
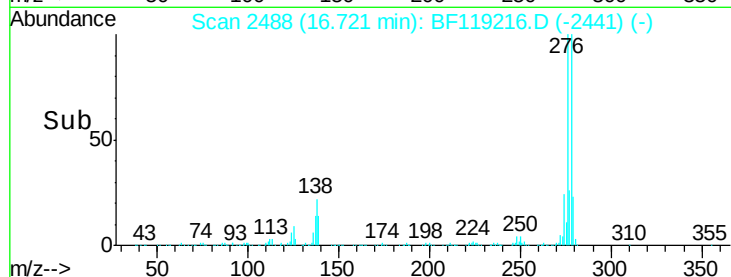
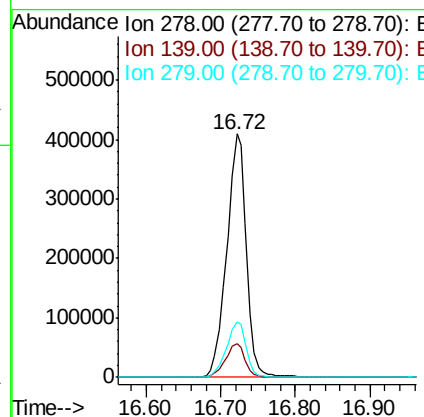
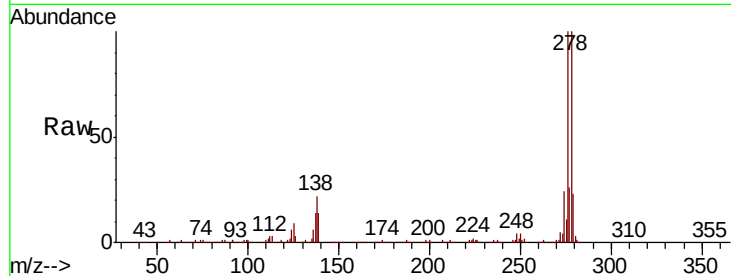
#91
Dibenzo(a,h)anthracene
Concen: 44.514 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Instrument :
BNA_F
ClientSampleId :
PB127285BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.0	16.4
279	22.9	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 44.235 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119216.D
Acq: 5 Mar 2020 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.0	14.3	21.5

