

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119845.D
 Acq On : 9 Apr 2020 1:11
 Operator : MA/SJ
 Sample : PB128073BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:18 AM

Quant Time: Apr 09 02:43:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	143453	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	521144	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	276618	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	621758	20.00	ng	0.00
76) Chrysene-d12	13.94	240	464627	20.00	ng	0.00
87) Perylene-d12	15.37	264	428529	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1070254	128.93	ng	0.01
7) Phenol-d6	6.40	99	1334139	124.73	ng	0.00
23) Nitrobenzene-d5	7.33	82	816896	81.09	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	447764	132.21	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1757821	90.22	ng	0.00
79) Terphenyl-d14	12.89	244	2191242	79.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	144134	38.985	ng	97
3) Pyridine	3.25	79	393126	38.755	ng	96
4) n-Nitrosodimethylamine	3.20	42	232447	44.850	ng	98
6) Aniline	6.43	93	432485	30.807	ng	99
8) 2-Chlorophenol	6.55	128	443408	47.808	ng	97
9) Benzaldehyde	6.31	77	175503	26.179	ng	97
10) Phenol	6.42	94	538554	44.382	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	382467	40.821	ng	99
12) 1,3-Dichlorobenzene	6.70	146	443047	43.633	ng	99
13) 1,4-Dichlorobenzene	6.78	146	447273	43.242	ng	99
14) 1,2-Dichlorobenzene	6.94	146	410675	43.082	ng	97
15) Benzyl Alcohol	6.91	79	350895m	42.238	ng	
16) 2,2'-oxybis(1-Chloropropan	7.05	45	714713	39.201	ng	99
17) 2-Methylphenol	7.03	107	322635	38.980	ng	96
18) Hexachloroethane	7.28	117	159720	41.319	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	295138	42.910	ng	98
20) 3+4-Methylphenols	7.17	107	432698	42.744	ng	94
22) Acetophenone	7.17	105	570355	46.737	ng	96
24) Nitrobenzene	7.35	77	445205	43.933	ng	100
25) Isophorone	7.59	82	797619	41.074	ng	100
26) 2-Nitrophenol	7.67	139	233686	46.158	ng	94
27) 2,4-Dimethylphenol	7.71	122	377773	49.475	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	536795	46.976	ng	99
29) 2,4-Dichlorophenol	7.91	162	367198	46.916	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	369900	41.710	ng	99
31) Naphthalene	8.07	128	1180000	43.036	ng	99
32) Benzoic acid	7.83	122	307591	45.868	ng	97
33) 4-Chloroaniline	8.12	127	292136	24.474	ng	98
34) Hexachlorobutadiene	8.19	225	215224	40.542	ng	98
35) Caprolactam	8.49	113	108716m	45.409	ng	
36) 4-Chloro-3-methylphenol	8.61	107	398826	47.066	ng	98
37) 2-Methylnaphthalene	8.77	142	864128	46.486	ng	99
38) 1-Methylnaphthalene	8.87	142	775183	44.243	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	380709	43.575	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	481502	96.919	nq	97
43) 2,4,6-Trichlorophenol	9.05	196	259841	43.069	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	292929	43.109	nq	97
46) 1,1'-Biphenyl	9.23	154	1070753	45.860	nq	99
47) 2-Chloronaphthalene	9.26	162	819541	45.565	nq	98
48) 2-Nitroaniline	9.35	65	302050	46.341	nq	95
49) Acenaphthylene	9.67	152	1314860	48.069	nq	99
50) Dimethylphthalate	9.54	163	998353	46.661	nq	99
51) 2,6-Dinitrotoluene	9.60	165	222030	47.388	nq	88
52) Acenaphthene	9.85	154	888597m	48.699	nq	
53) 3-Nitroaniline	9.76	138	149679	27.971	nq	99
54) 2,4-Dinitrophenol	9.87	184	264524	94.300	nq	92
55) Dibenzofuran	10.02	168	1204249	48.095	nq	98
56) 4-Nitrophenol	9.93	139	389334	97.785	nq	98
57) 2,4-Dinitrotoluene	10.00	165	301216	48.795	nq	98
58) Fluorene	10.36	166	911336	45.510	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	266936	51.363	nq	96
60) Diethylphthalate	10.24	149	1019171	45.959	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	442074	43.073	nq	95
62) 4-Nitroaniline	10.39	138	231454	45.386	nq	95
63) Azobenzene	10.52	77	946662	47.635	nq	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	167795	40.964	nq	77
66) n-Nitrosodiphenylamine	10.47	169	847401	40.981	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	297281	38.447	nq	95
68) Hexachlorobenzene	10.91	284	329632	42.023	nq	96
69) Atrazine	11.00	200	266889	46.389	nq	98
70) Pentachlorophenol	11.10	266	380099	84.087	nq	99
71) Phenanthrene	11.32	178	1455799	43.994	nq	98
72) Anthracene	11.37	178	1485175	43.935	nq	100
73) Carbazole	11.53	167	1316964	41.197	nq	99
74) Di-n-butylphthalate	11.86	149	1685408	40.105	nq	99
75) Fluoranthene	12.51	202	1555117	43.555	nq	98
77) Benzidine	12.63	184	628798	40.036	nq	96
78) Pyrene	12.74	202	1563686	39.922	nq	99
80) Butylbenzylphthalate	13.36	149	745564	39.228	nq	99
81) Benzo(a)anthracene	13.93	228	1258104	41.160	nq	100
82) 3,3'-Dichlorobenzidine	13.89	252	345727	30.314	nq	96
83) Chrysene	13.97	228	1253813	40.370	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1004633	39.033	nq	100
85) Di-n-octyl phthalate	14.54	149	1794261	40.943	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	1174234	42.891	nq	99
88) Benzo(b)fluoranthene	14.96	252	1499974	48.657	nq	99
89) Benzo(k)fluoranthene	14.99	252	1212135	45.572	nq	99
90) Benzo(a)pyrene	15.32	252	1141817	44.052	nq	99
91) Dibenzo(a,h)anthracene	16.81	278	989324	43.090	nq	99
92) Benzo(g,h,i)perylene	17.22	276	915131	40.380	nq	99

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

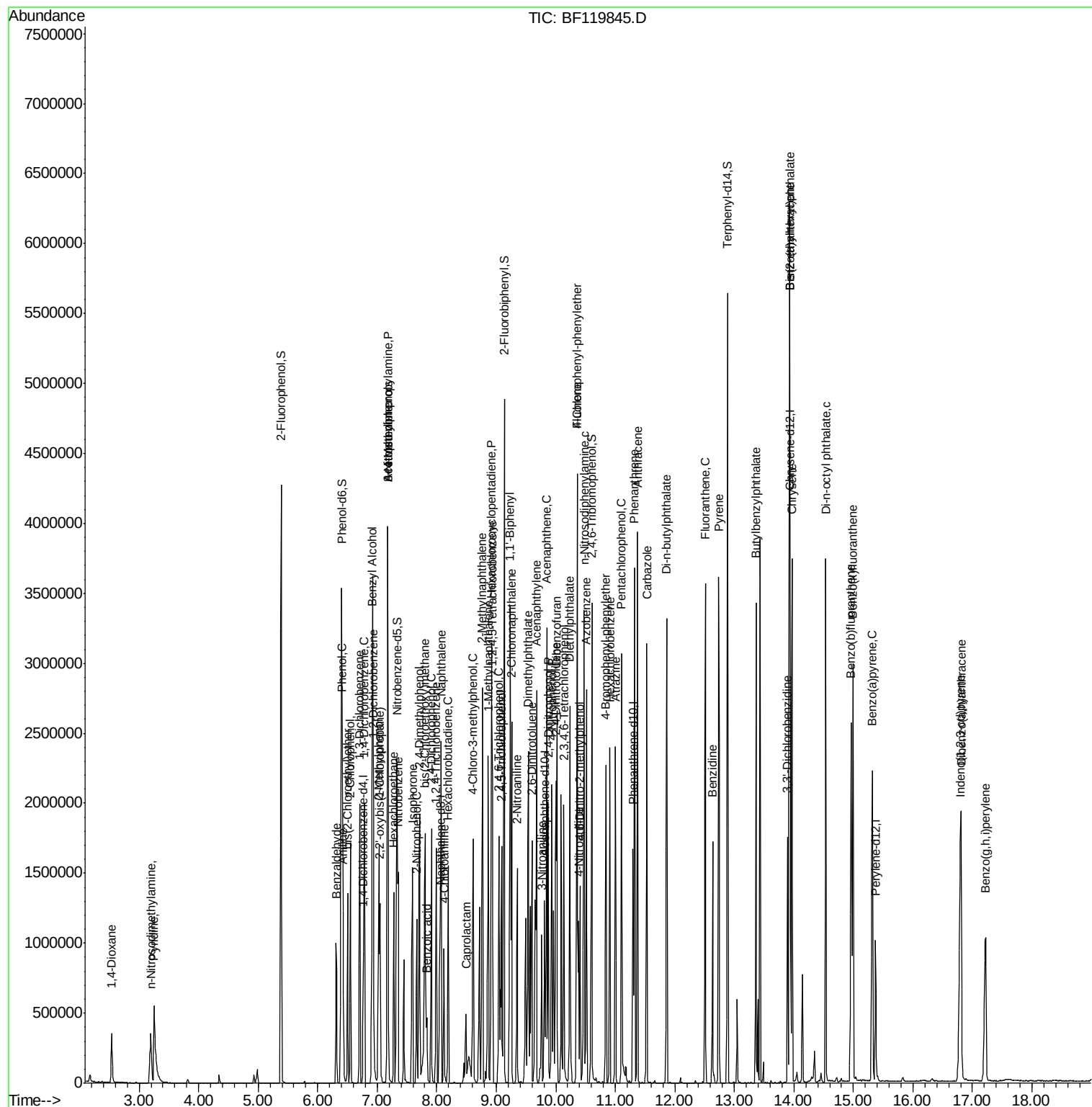
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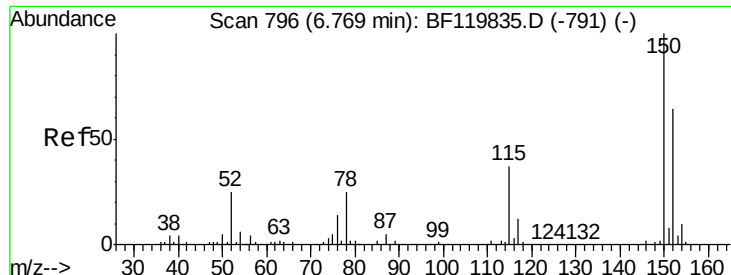
Instrument :
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 ClientSampleId :
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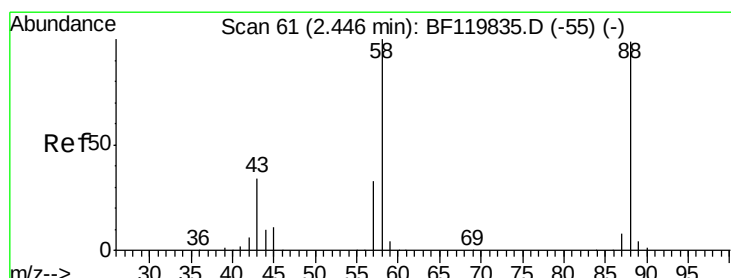
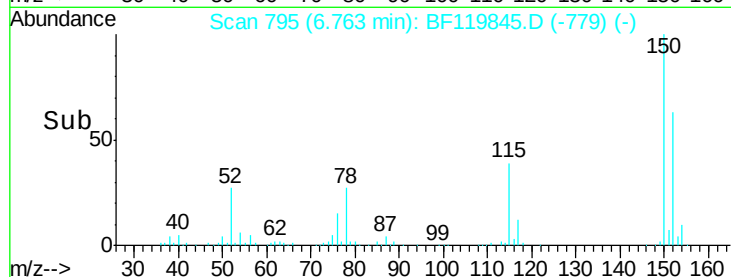
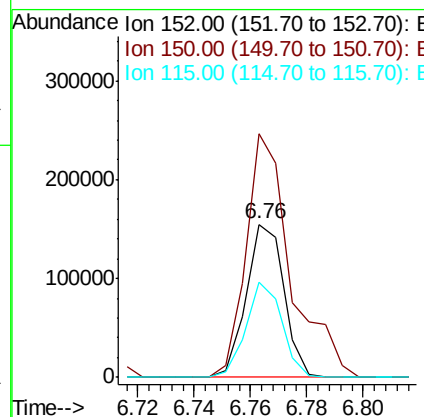
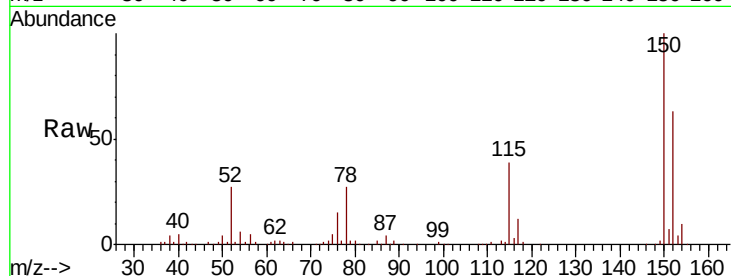
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.8	187.2
115	62.2	46.5	69.7

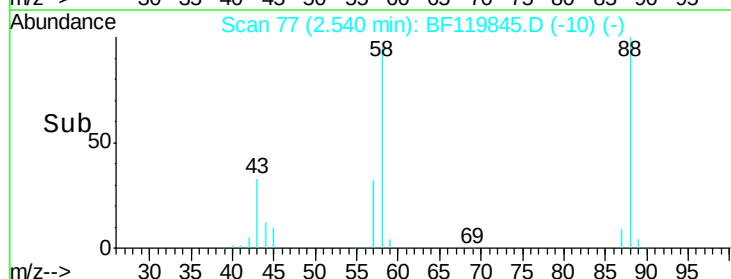
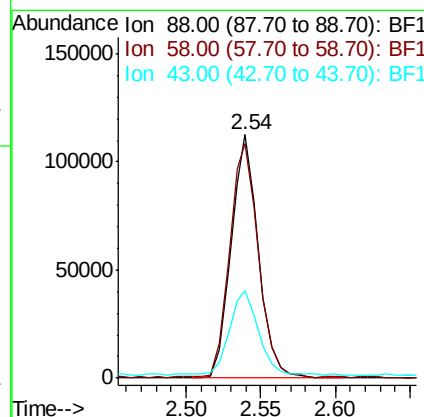
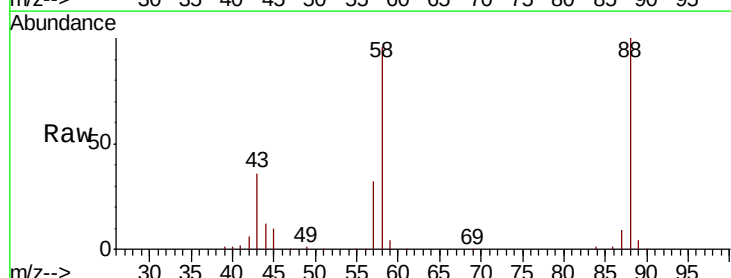
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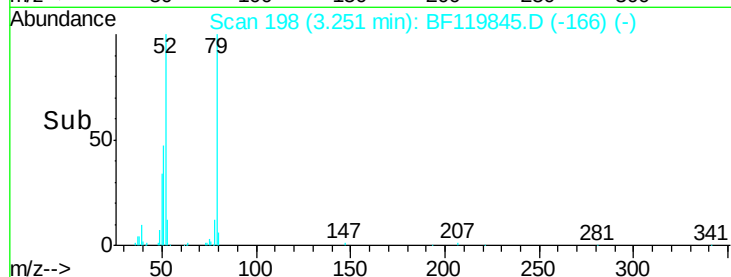
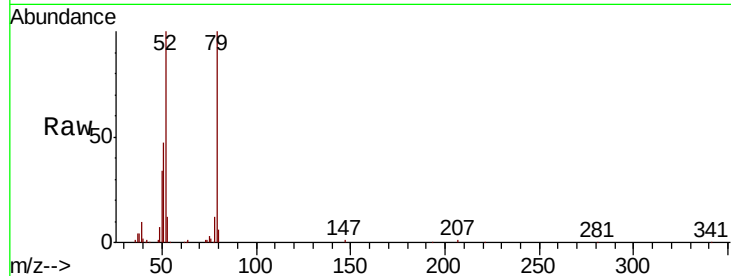
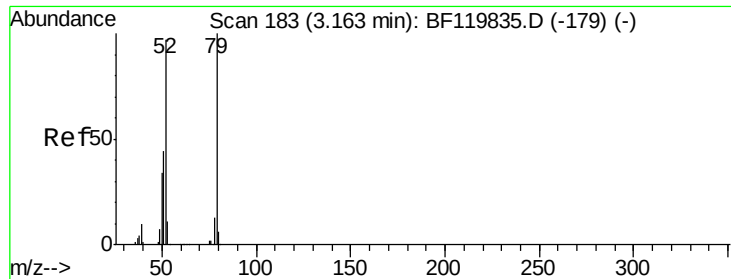
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#2
 1,4-Dioxane
 Concen: 38.985 ng
 RT: 2.54 min Scan# 77
 Delta R.T. 0.09 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	82.6	123.8
43	37.9	28.6	42.8





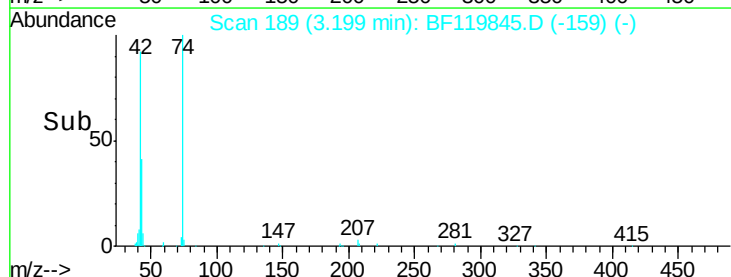
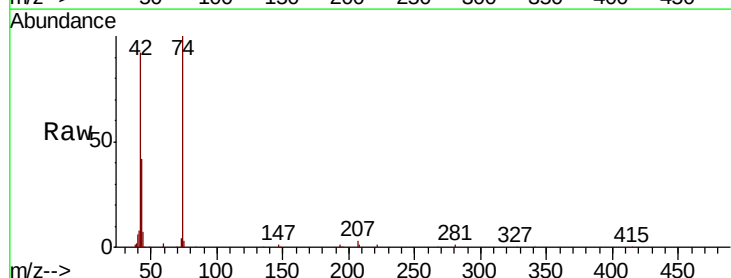
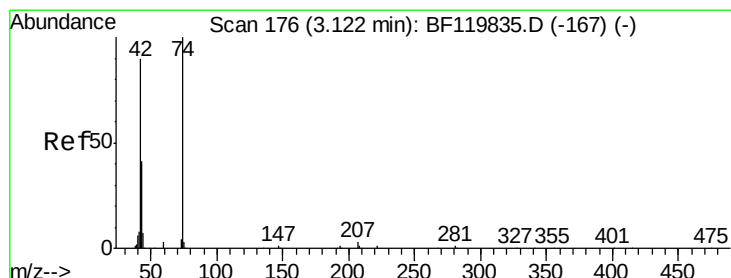
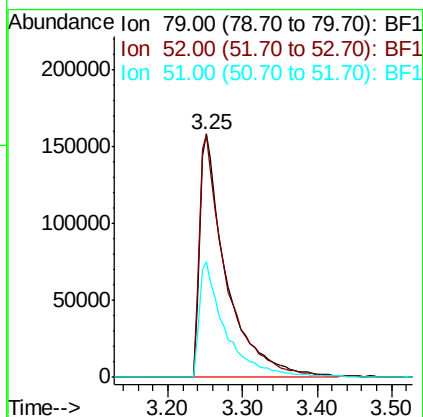
#3
Pvridine
Concen: 38.755 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.09 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	99.5	77.4	116.0		
51	47.3	35.3	52.9		

Instrument :
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PB128073BS

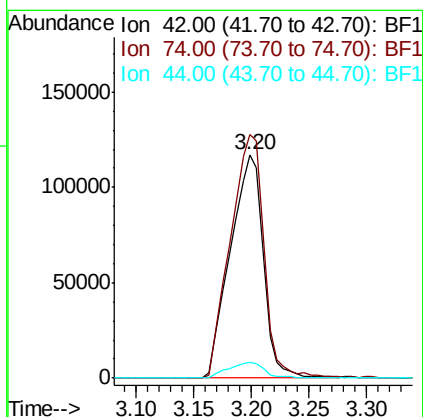
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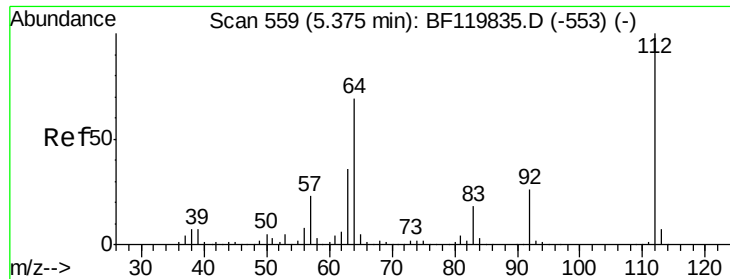
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#4
n-Nitrosodimethylamine
Concen: 44.850 ng
RT: 3.20 min Scan# 189
Delta R.T. 0.08 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	108.8	89.0	133.4		
44	7.2	6.2	9.4		





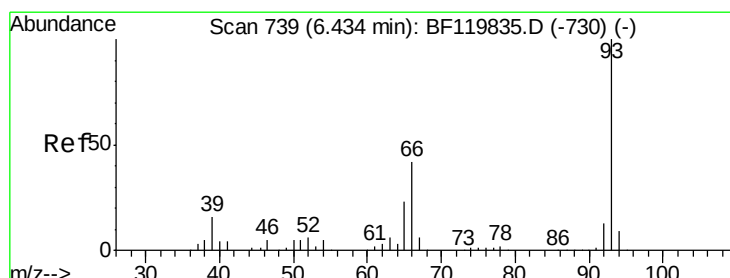
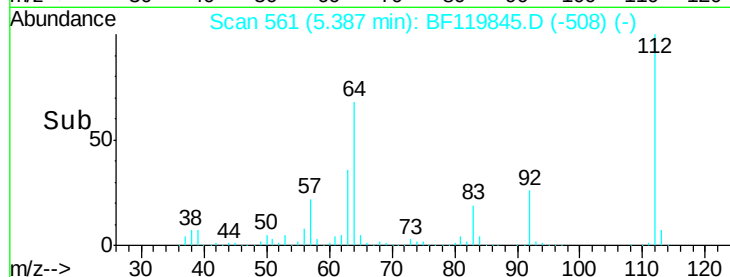
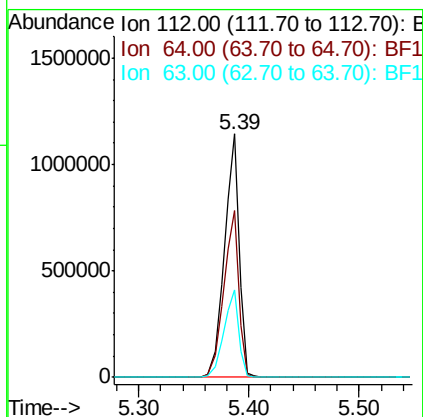
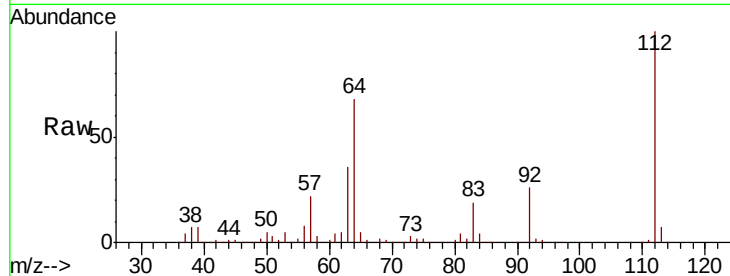
#5
2-Fluorophenol
Concen: 128.934 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion: 112 Resp: 1070254
Ion Ratio Lower Upper
112 100
64 68.5 55.5 83.3
63 35.8 29.1 43.7

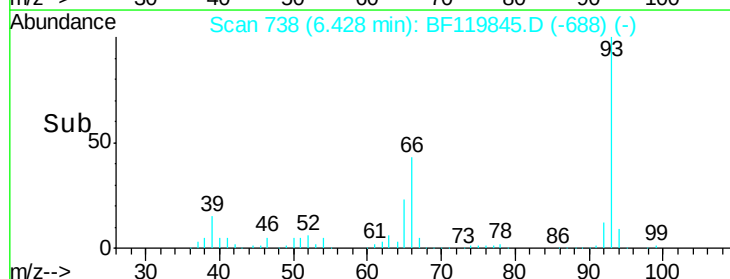
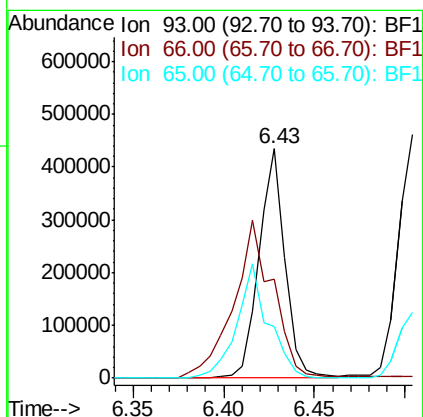
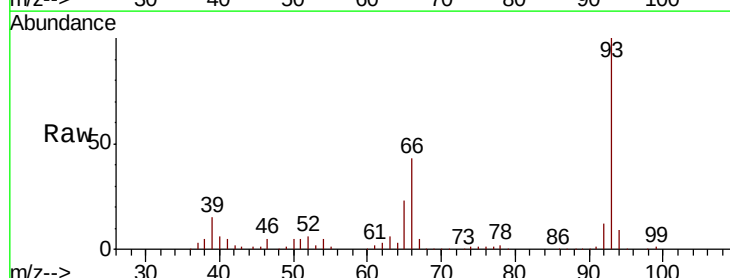
Manual Integrations
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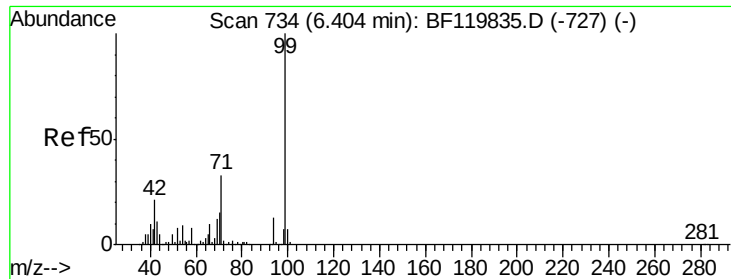
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#6
Aniline
Concen: 30.807 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion: 93 Resp: 432485
Ion Ratio Lower Upper
93 100
66 43.2 34.2 51.2
65 22.5 18.3 27.5





#7

Phenol-d6

Concen: 124.733 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

PB128073BS

Tot Ion: 99 Resp: 1334139

Ion Ratio Lower Upper

99 100

42 20.5 16.9 25.3

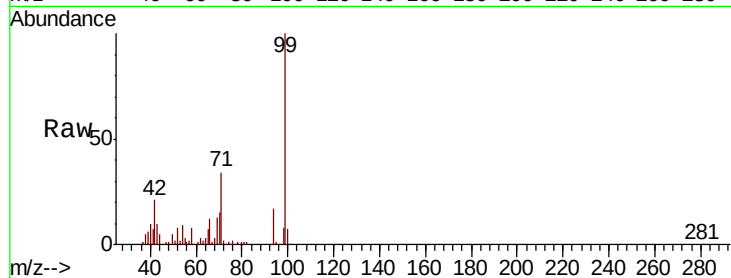
71 33.6 26.3 39.5

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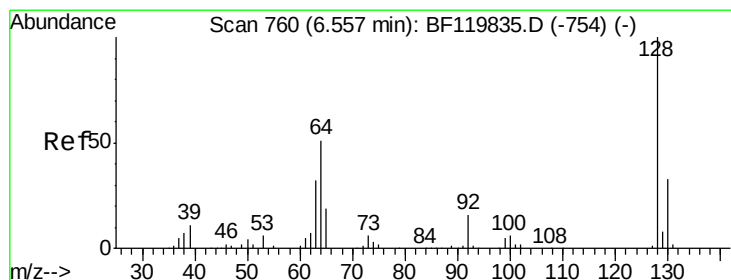
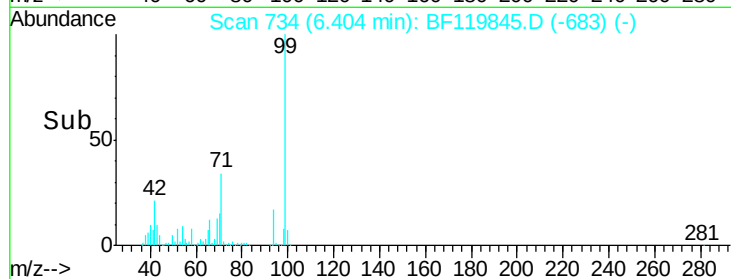
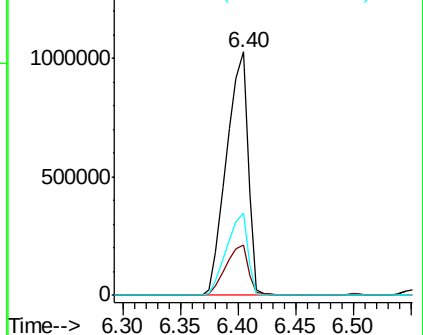
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.808 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF119845.D

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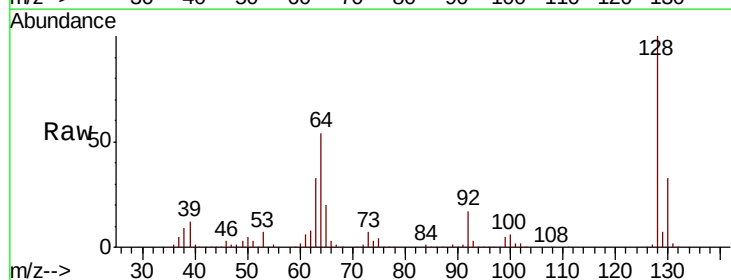
Tgt Ion: 128 Resp: 443408

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

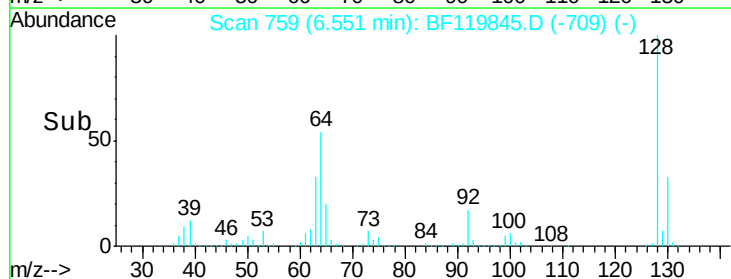
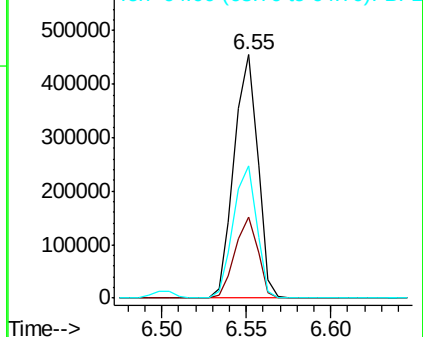
64 54.3 32.0 72.0

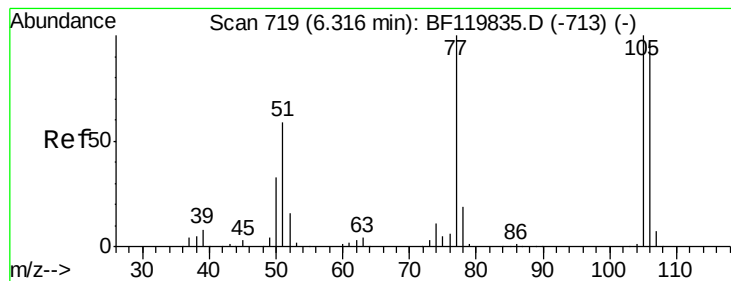


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.179 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampled :

PB128073BS

Tot Ion: 77 Resp: 175503

Ion Ratio Lower Upper

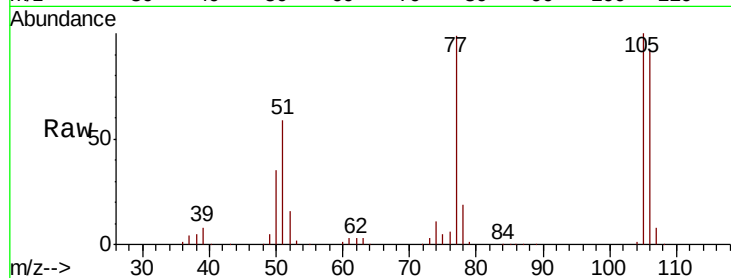
77 100

105 101.4 79.9 119.9

106 92.9 76.4 116.4

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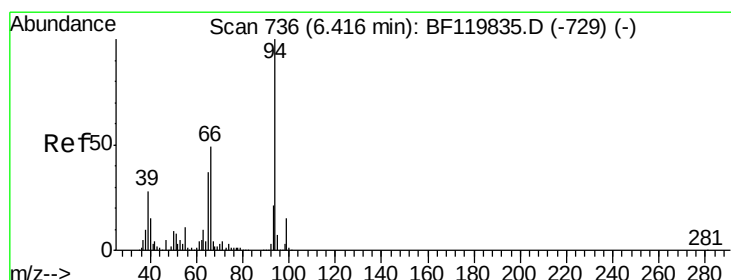
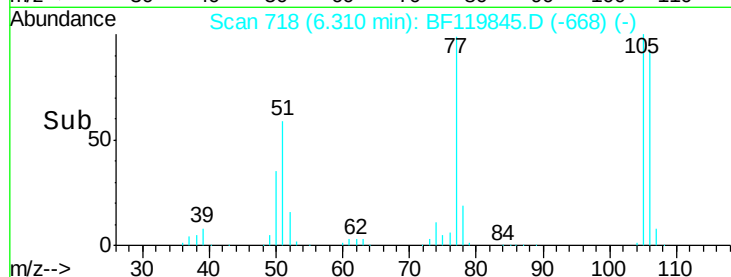
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.31

Time-->



#10

Phenol

Concen: 44.382 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

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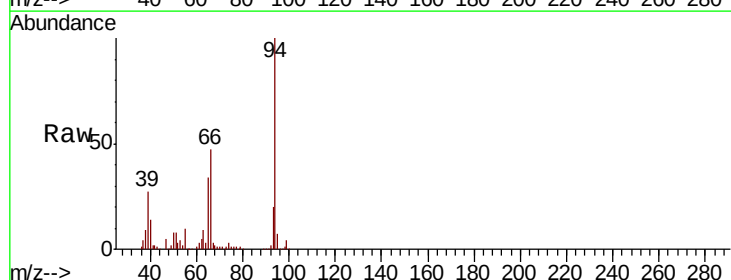
Tgt Ion: 94 Resp: 538554

Ion Ratio Lower Upper

94 100

65 34.2 16.6 56.6

66 47.2 29.3 69.3



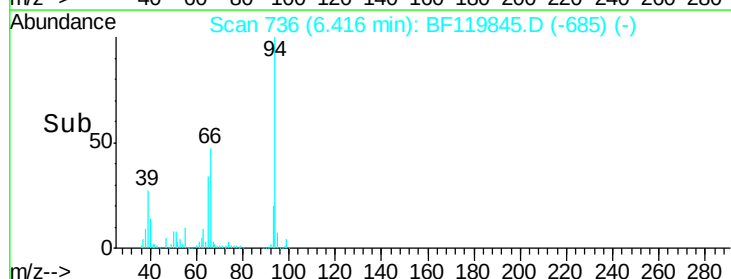
Abundance Ion 94.00 (93.70 to 94.70): BF1

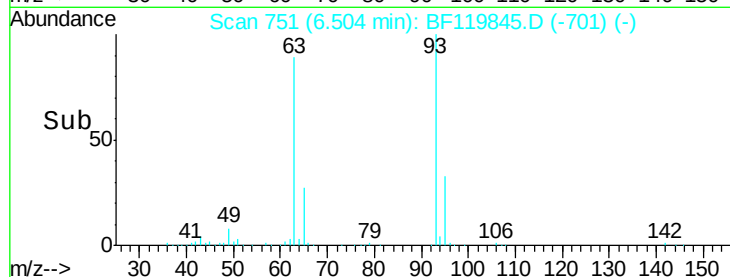
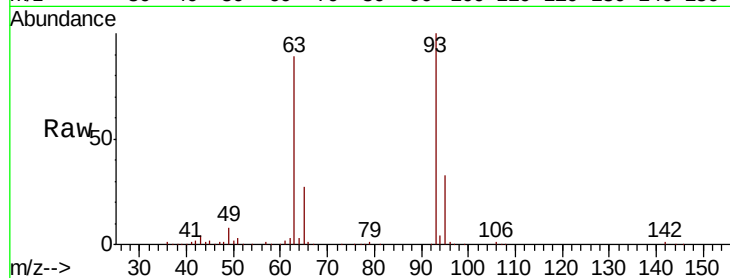
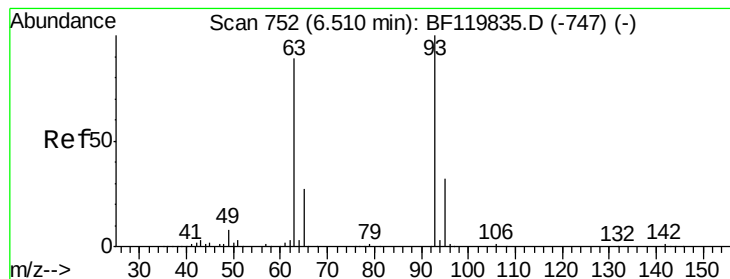
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.42

Time-->





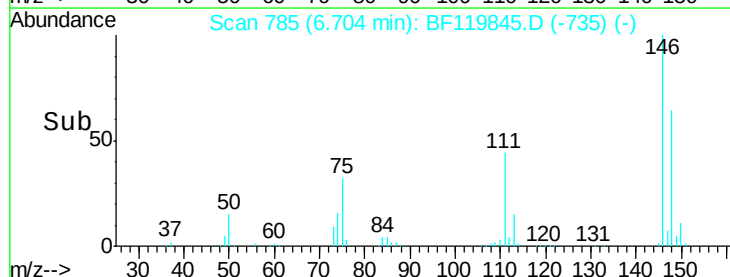
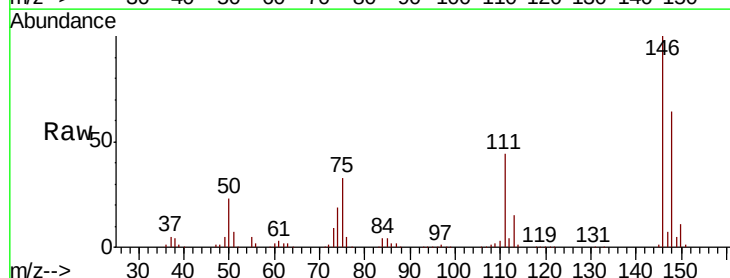
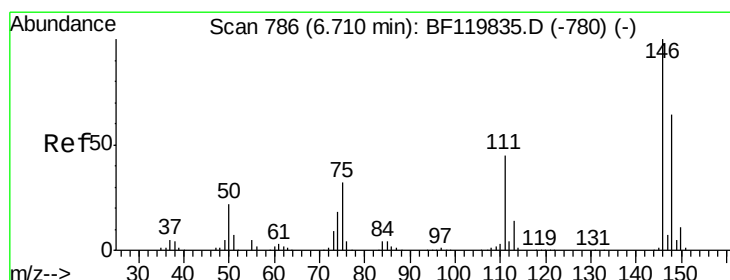
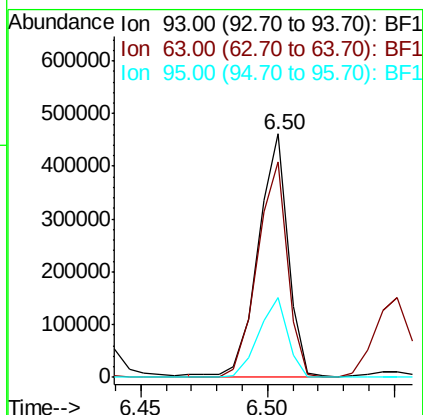
#11
bis(2-Chloroethyl)ether
Concen: 40.821 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	88.5	69.1	109.1	
95	32.7	12.3	52.3	

Instrument :
BNA_F
ClientSampleId :
PB128073BS

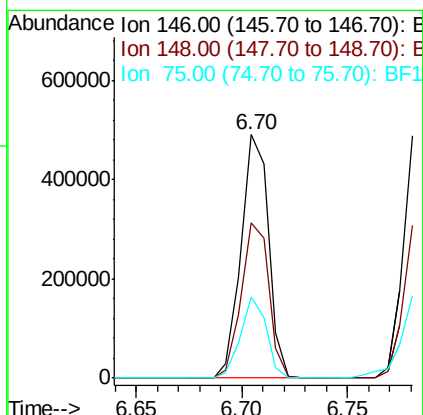
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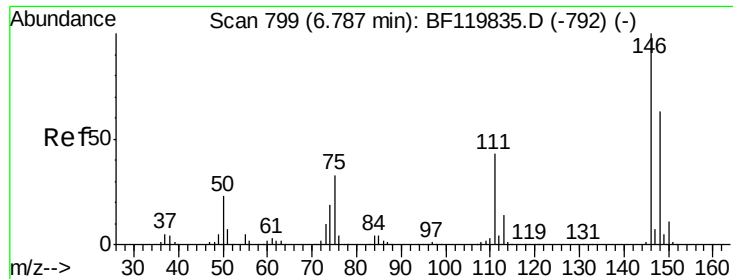
mohammad
4/10/2020 9:57:18 AM



#12
1,3-Dichlorobenzene
Concen: 43.633 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.7	51.3	76.9	
75	33.2	25.3	37.9	





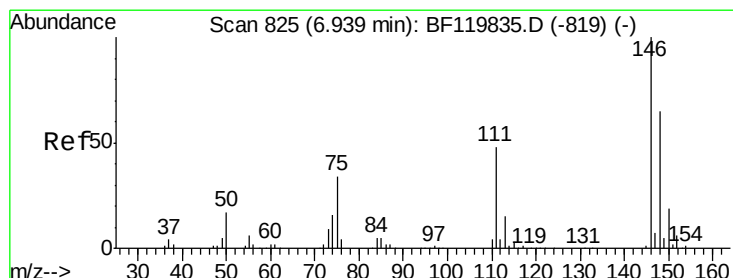
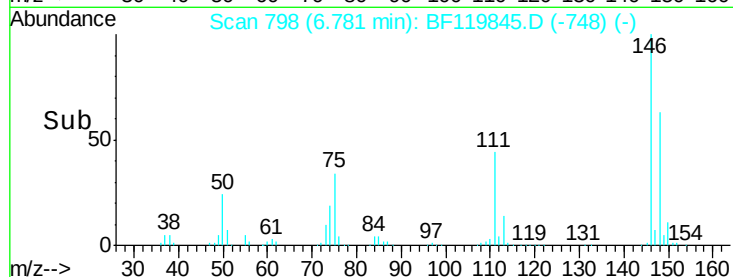
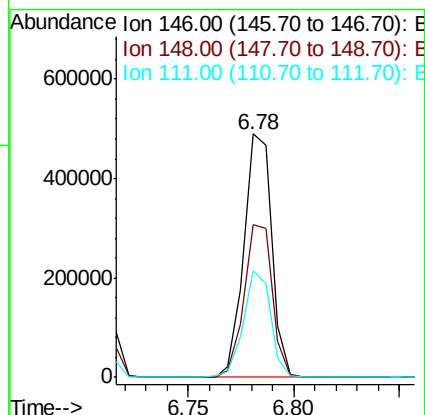
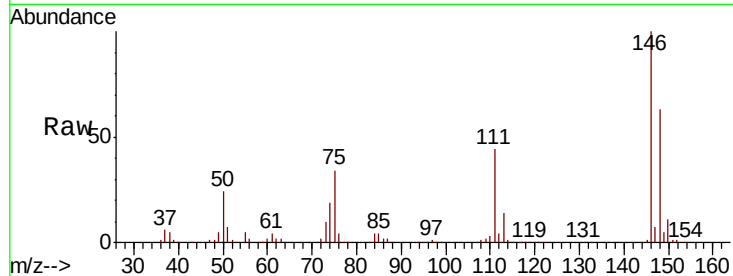
#13
1,4-Dichlorobenzene
Concen: 43.242 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.8	50.5	75.7	
111	44.0	34.7	52.1	

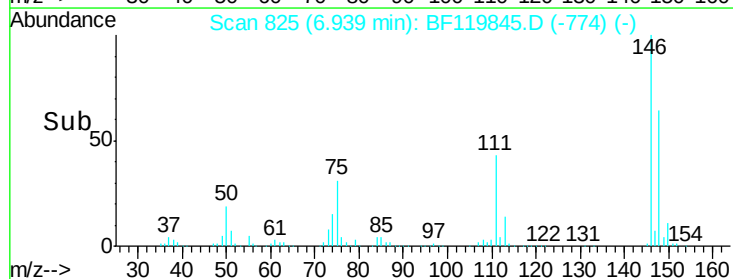
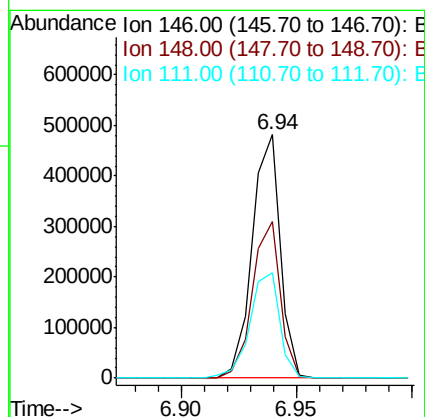
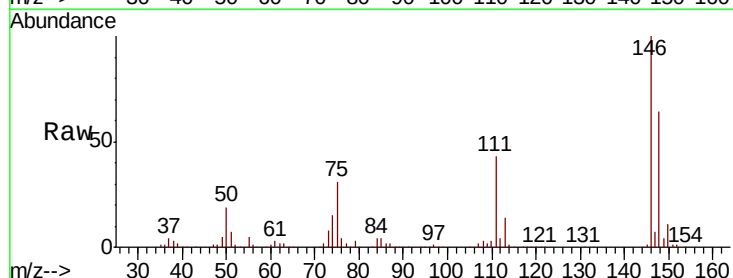
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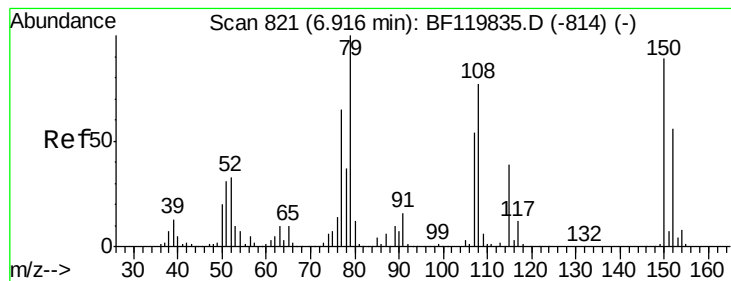
mohammad
4/10/2020 9:57:18 AM



#14
1,2-Dichlorobenzene
Concen: 43.082 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.4	51.8	77.8	
111	43.2	38.0	57.0	





#15

Benzyl Alcohol

Concen: 42.238 ng/mL

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

PB128073BS

Tot Ion: 79 Resp: 350895

Ion Ratio Lower Upper

79 100

108 76.9 62.0 93.0

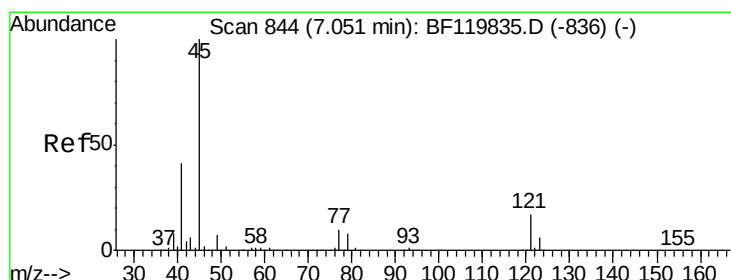
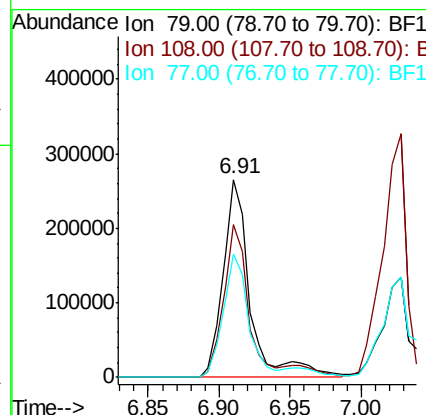
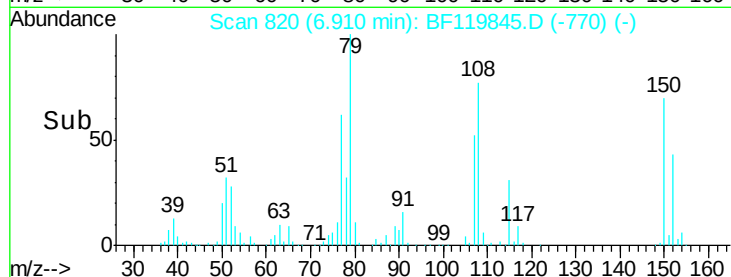
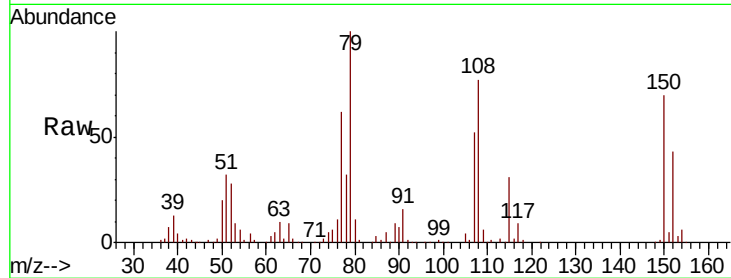
77 62.4 51.8 77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.201 ng/mL

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

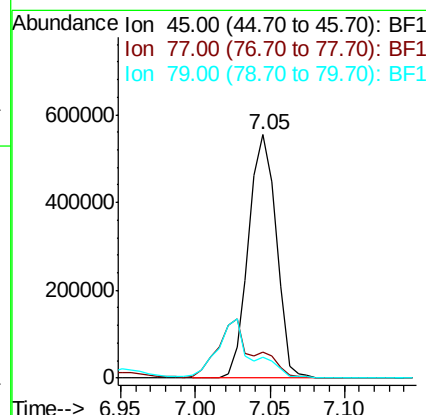
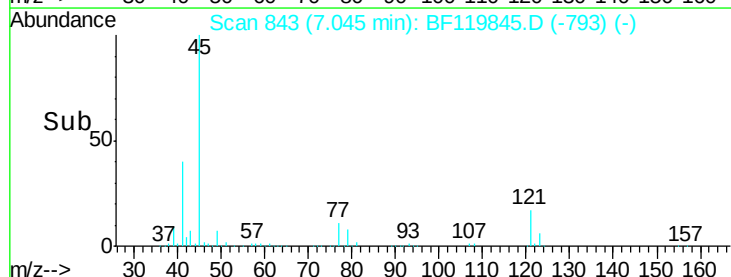
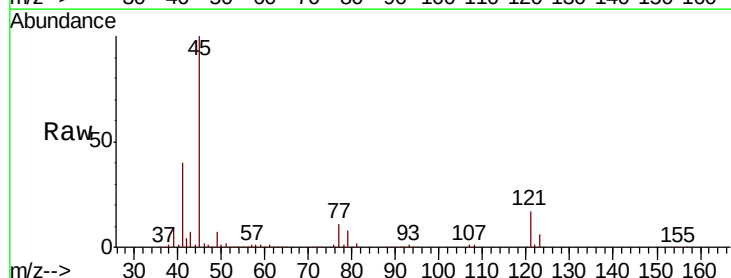
Tgt Ion: 45 Resp: 714713

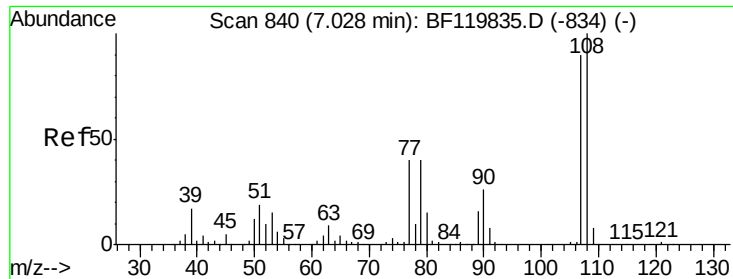
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.7

79 8.3 0.0 28.6





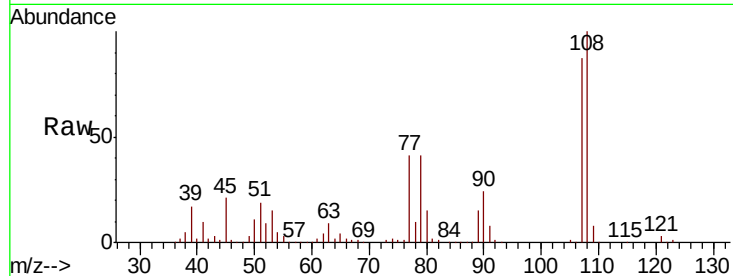
#17
2-Methylphenol
Concen: 38.980 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

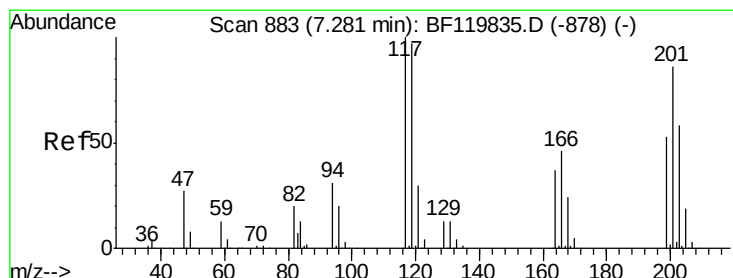
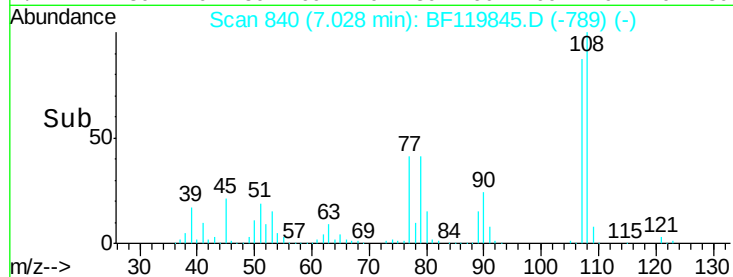
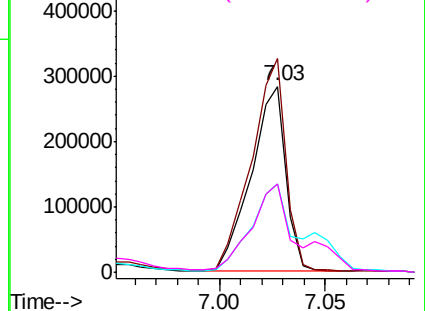
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	88.8	133.2	
77	47.3	36.0	54.0	
79	47.3	35.7	53.5	

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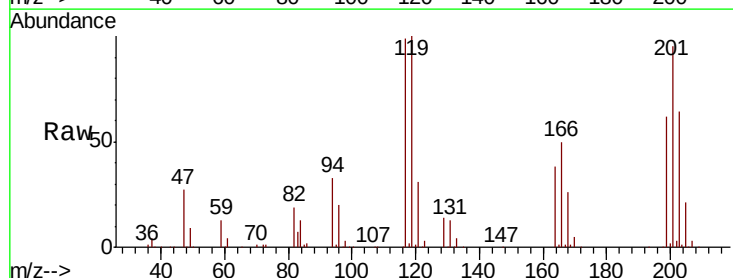


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

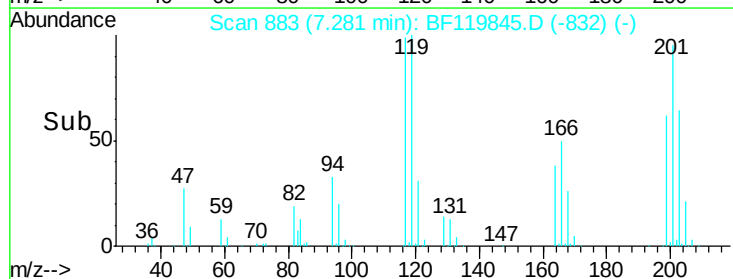
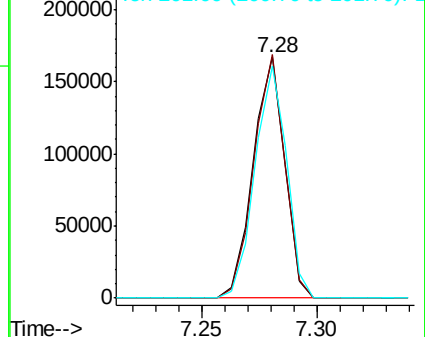


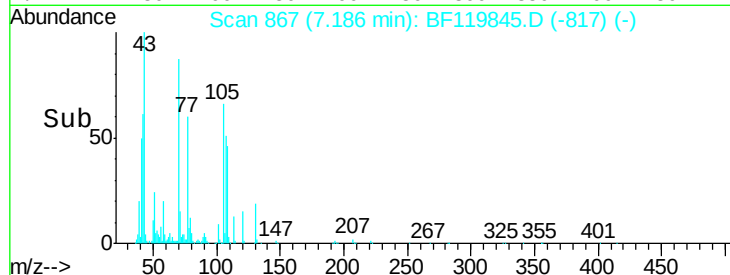
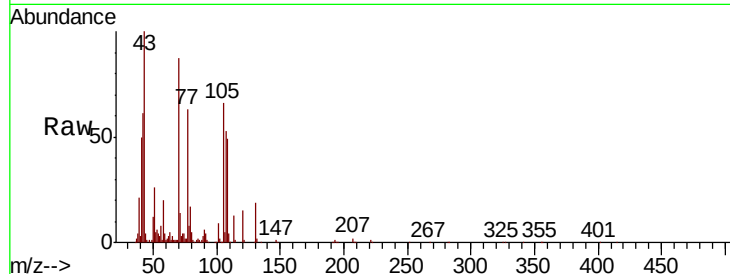
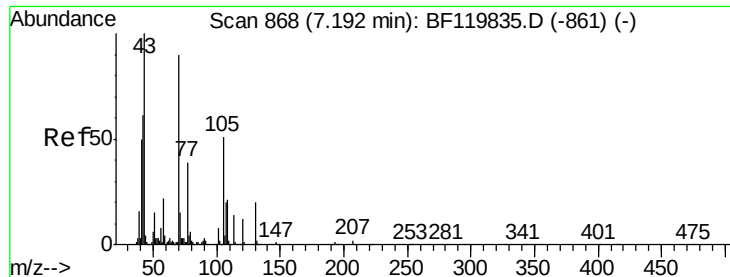
#18
Hexachloroethane
Concen: 41.319 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.2	77.4	116.0	
201	96.5	68.4	102.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





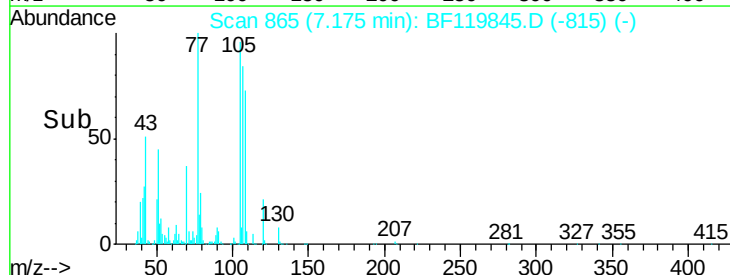
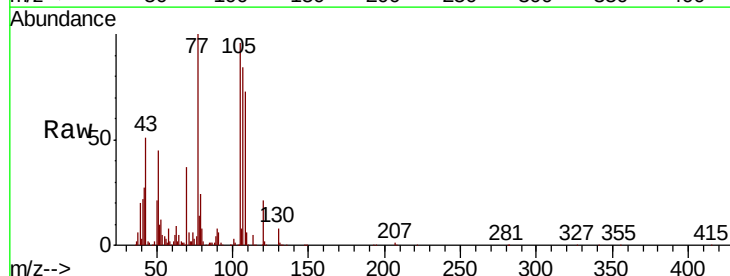
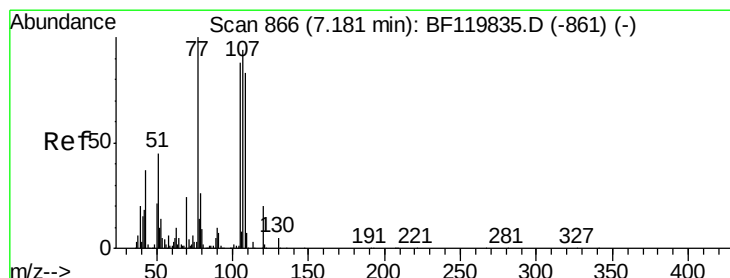
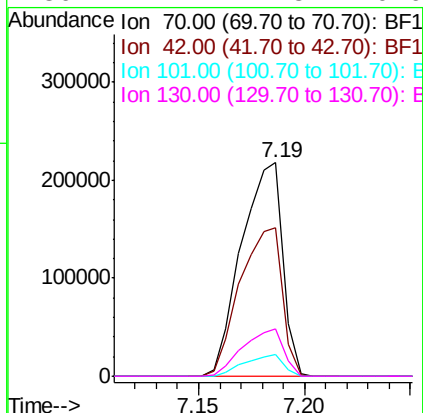
#19
n-Nitroso-di-n-propylamine
Concen: 42.910 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.8	54.2	81.4
101	10.0	7.4	11.2
130	22.2	17.8	26.6

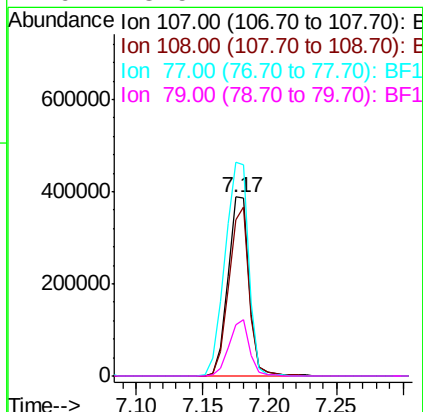
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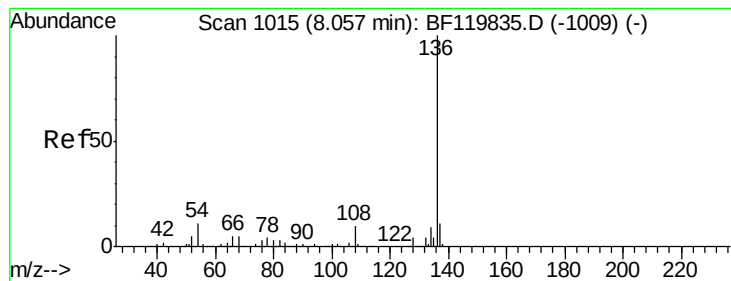
mohammad
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#20
3+4-Methylphenols
Concen: 42.744 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	119.2	86.6	126.6
79	28.5	7.7	47.7





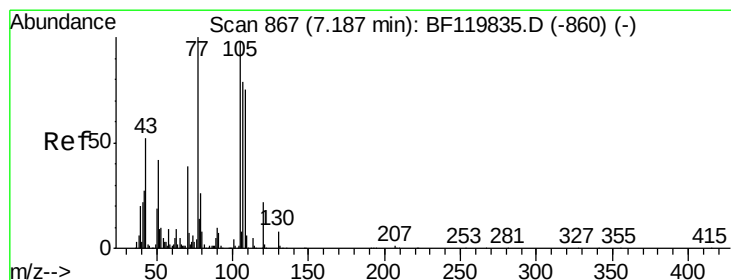
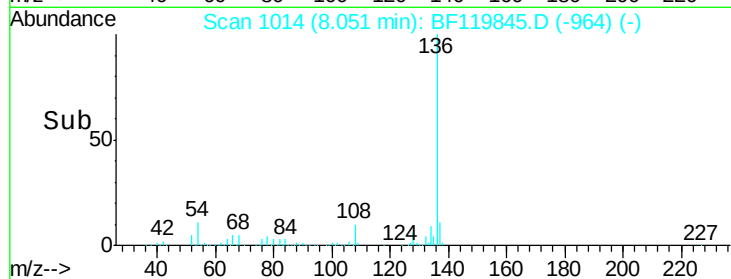
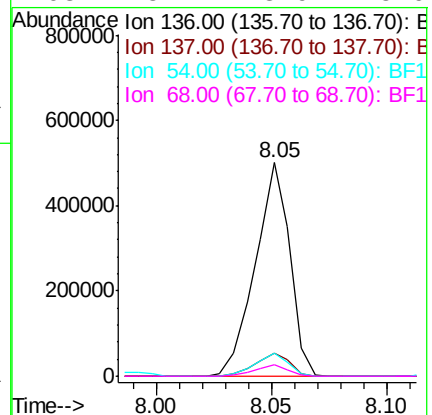
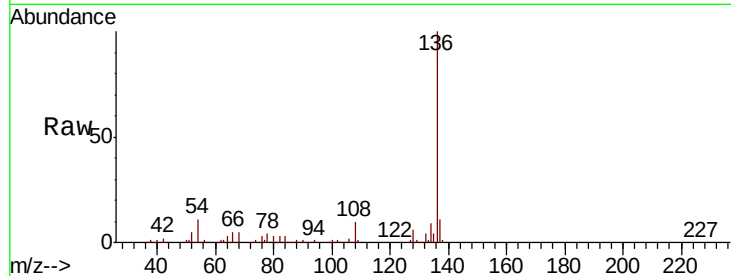
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	521144		
137	11.0	8.7	13.1	
54	10.6	8.5	12.7	
68	5.1	3.9	5.9	

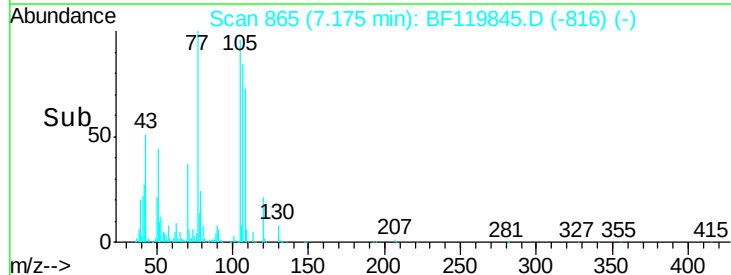
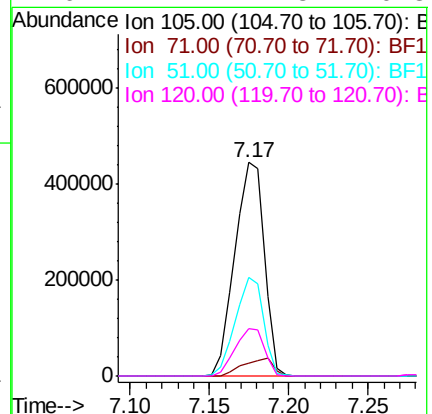
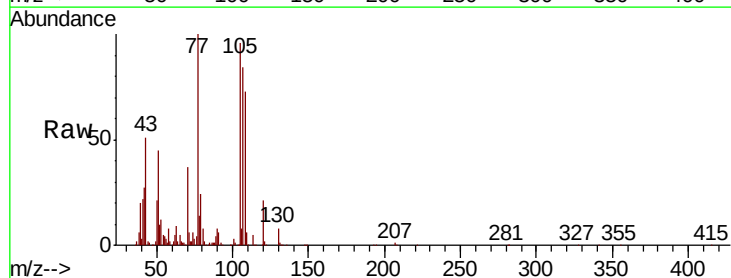
Manual Integrations
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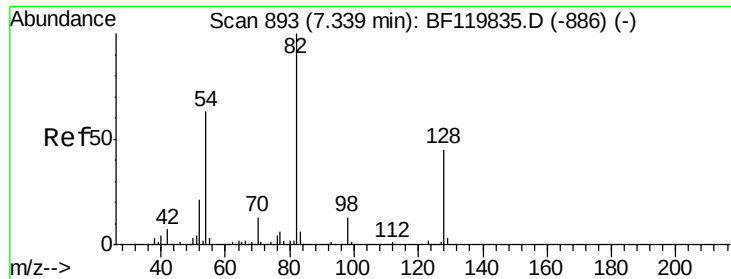
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#22
Acetophenone
Concen: 46.737 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	570355		
71	6.2	5.6	8.4	
51	46.4	33.9	50.9	
120	22.4	17.8	26.8	





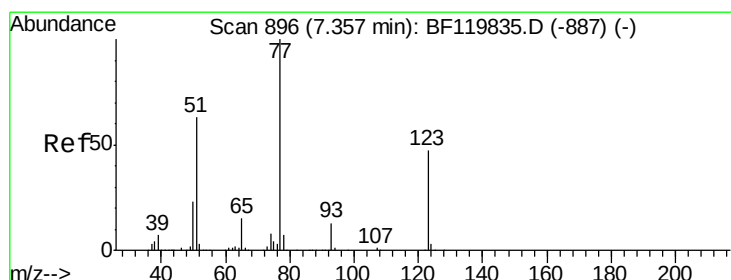
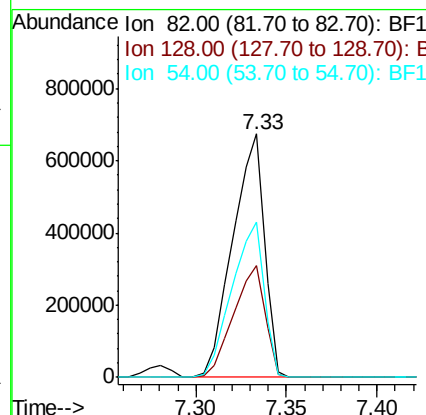
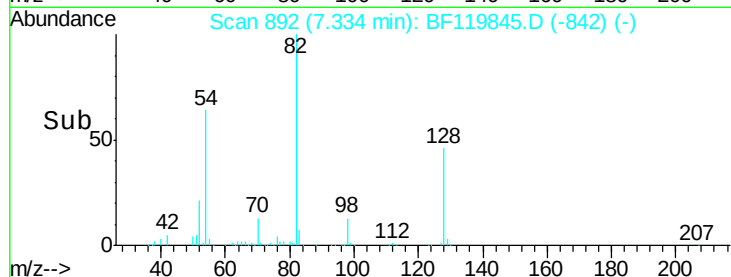
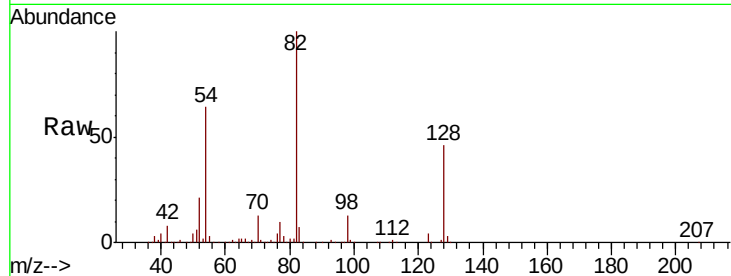
#23
 Nitrobenzene-d5
 Concen: 81.093 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	82	Resp	816896
Ion Ratio	100	Lower	Upper
128	46.1	36.2	54.4
54	63.7	50.4	75.6

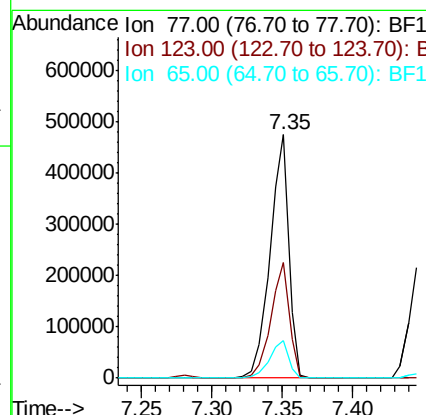
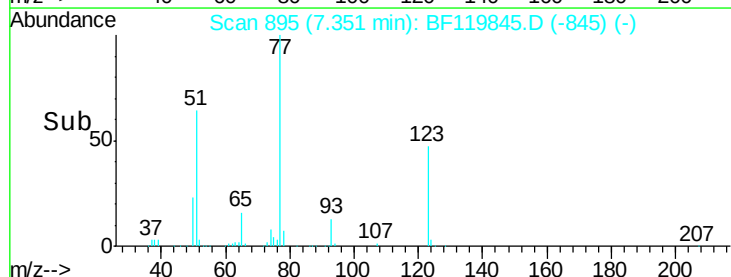
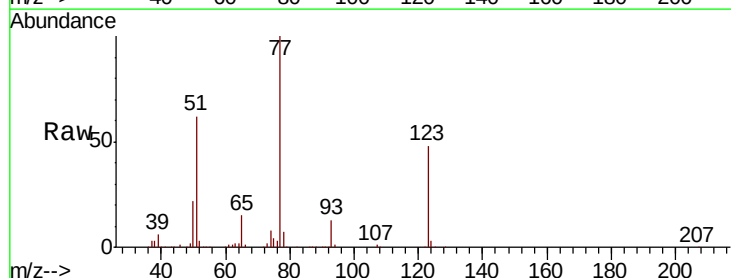
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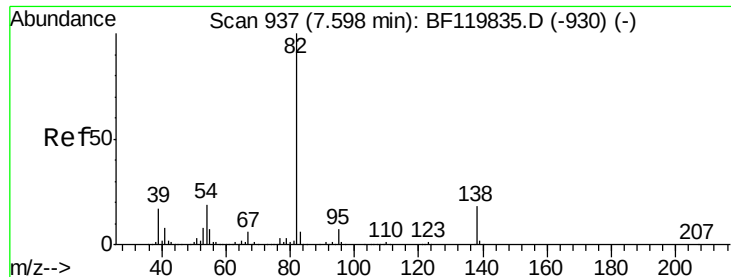
mohammad
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#24
 Nitrobenzene
 Concen: 43.933 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	77	Resp	445205
Ion Ratio	100	Lower	Upper
123	47.6	37.8	56.8
65	15.2	12.2	18.2





#25

Isophorone

Concen: 41.074 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

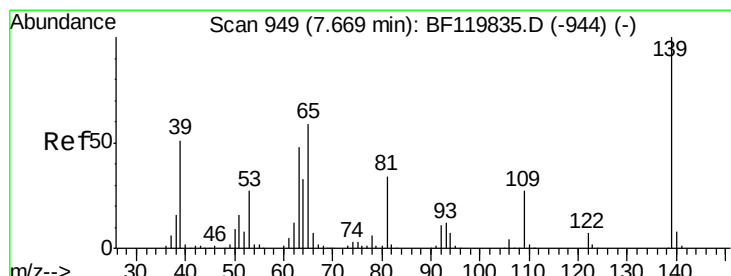
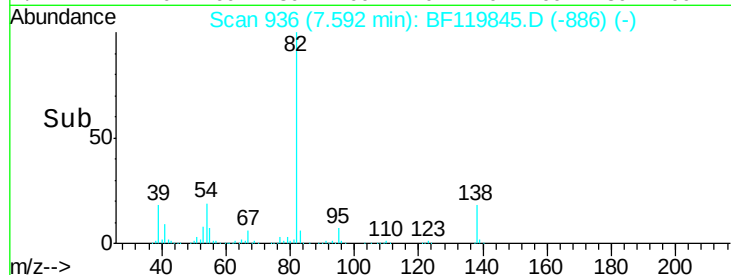
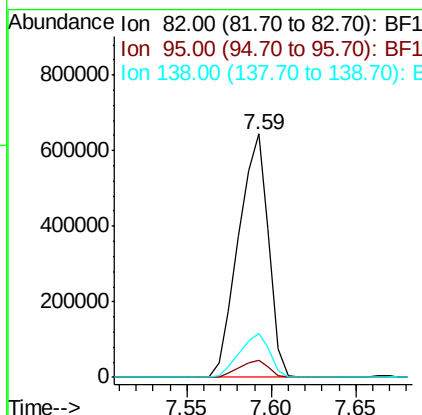
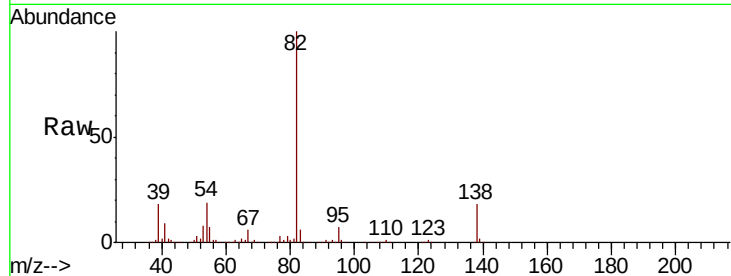
ClientSampleId :

PB128073BS

Tot Ion:	82	Resp:	797619
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	18.2	14.5	21.7

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#26

2-Nitrophenol

Concen: 46.158 ng

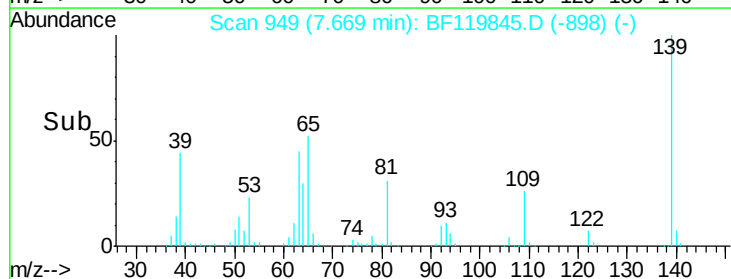
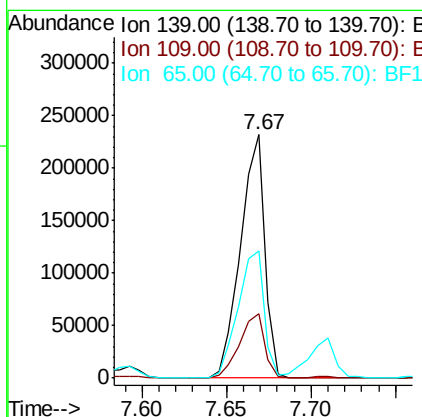
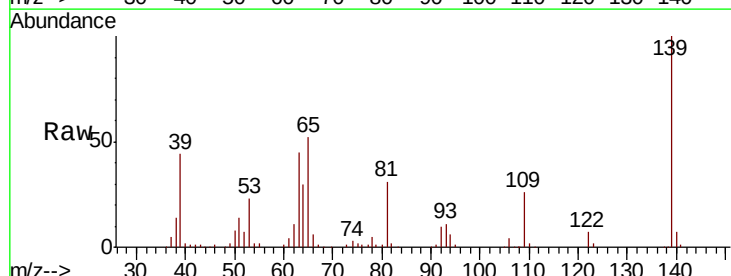
RT: 7.67 min Scan# 949

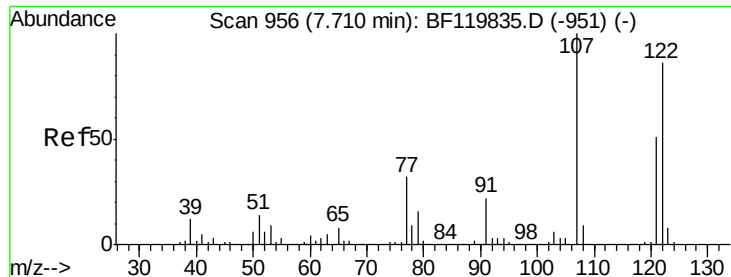
Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:	139	Resp:	233686
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.8	32.6
65	52.3	47.0	70.4





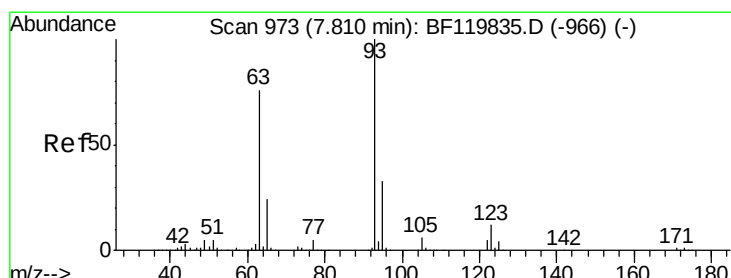
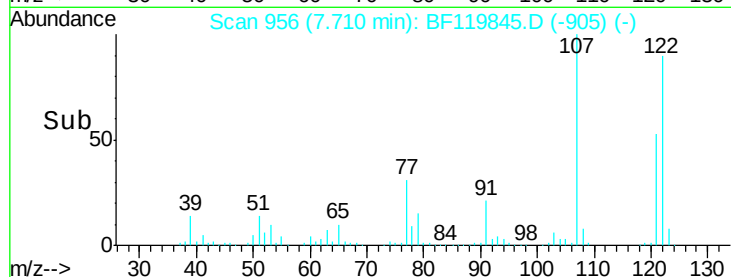
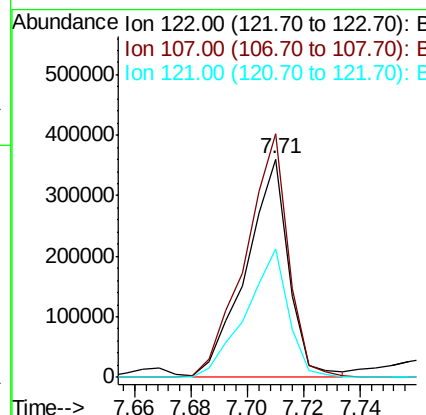
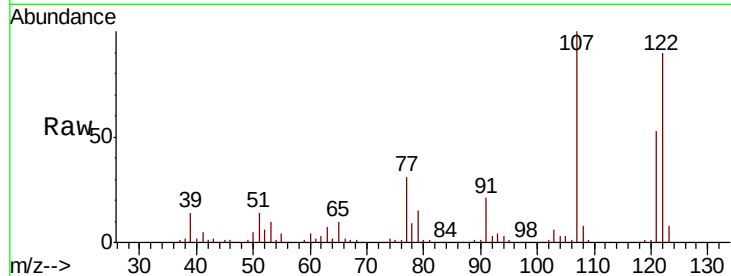
#27
2,4-Dimethylphenol
Concen: 49.475 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	92.3	138.5
121	58.8	46.6	70.0

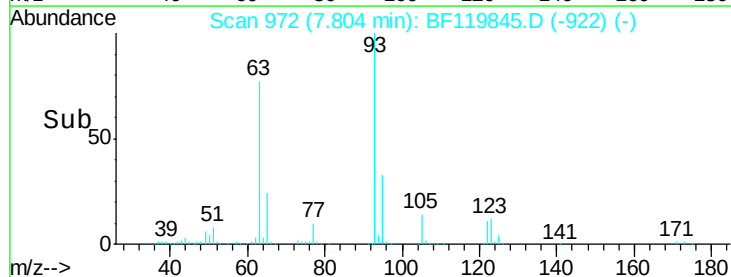
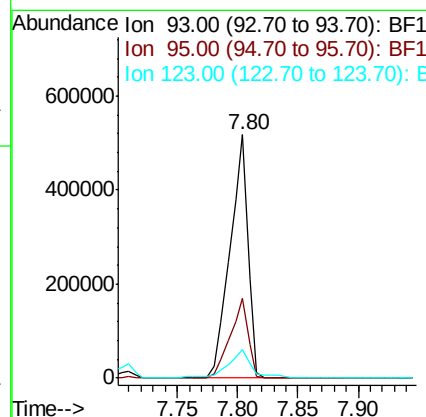
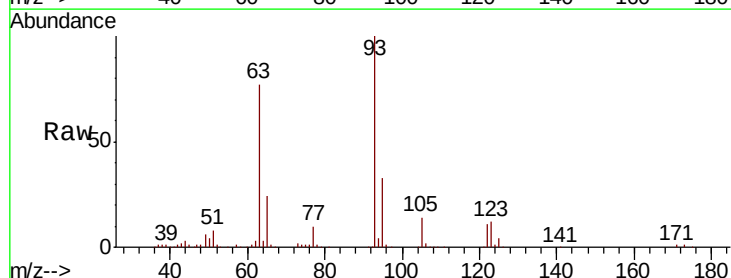
Manual Integrations
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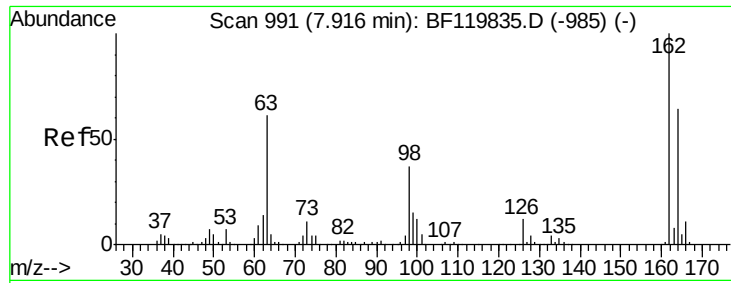
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.976 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.8	9.7	14.5





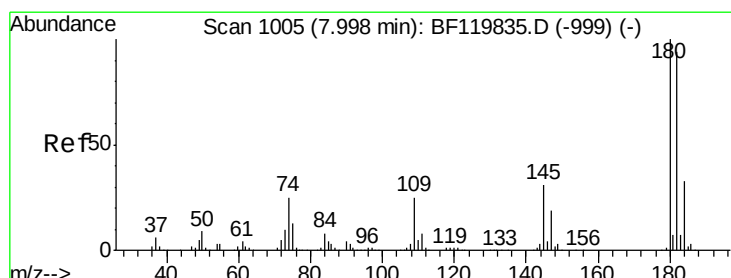
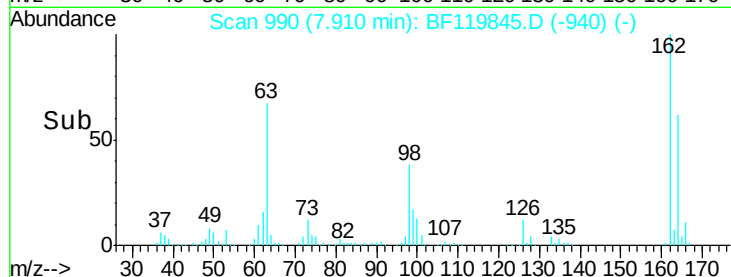
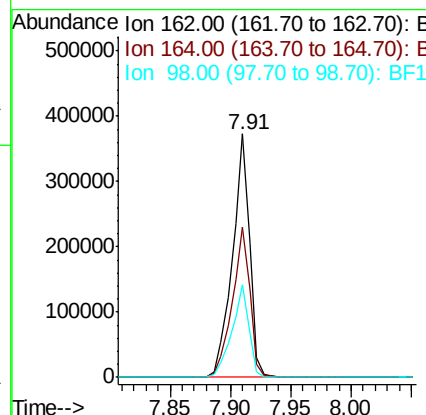
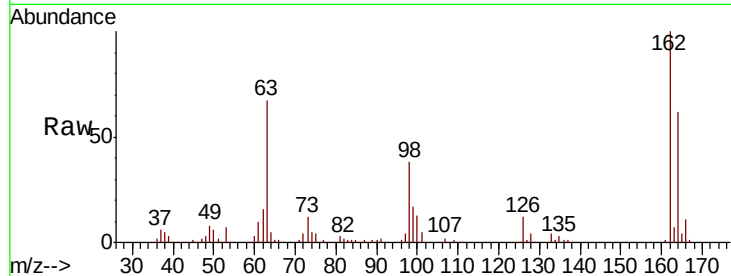
#29
2,4-Dichlorophenol
Concen: 46.916 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		367198		
164	61.9	44.4	84.4		
98	38.1	17.3	57.3		

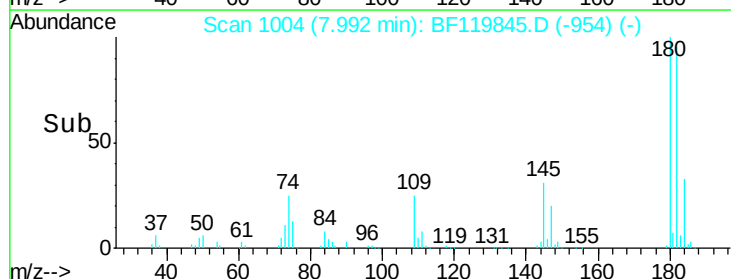
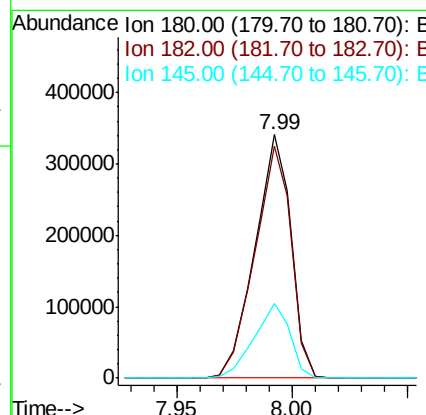
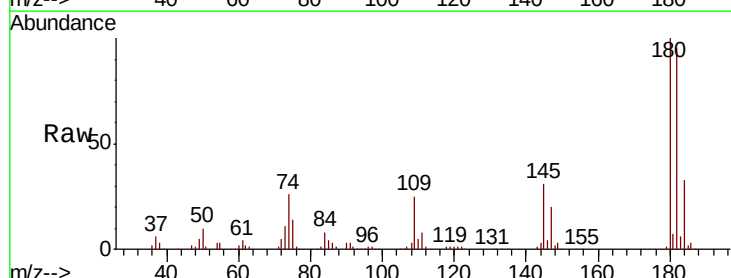
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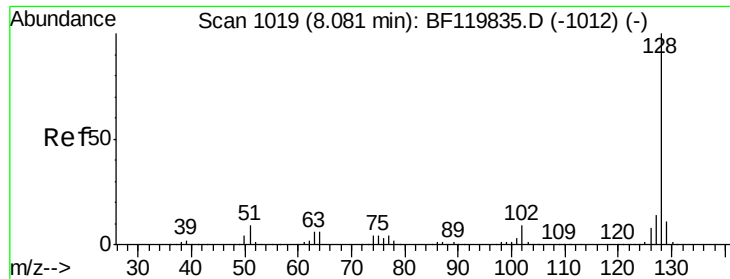
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.710 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		369900		
182	95.4	75.4	113.0		
145	30.5	24.6	37.0		





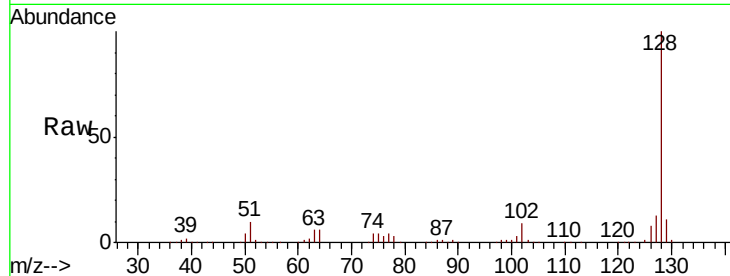
#31
Naphthalene
Concen: 43.036 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	11.0	16.4

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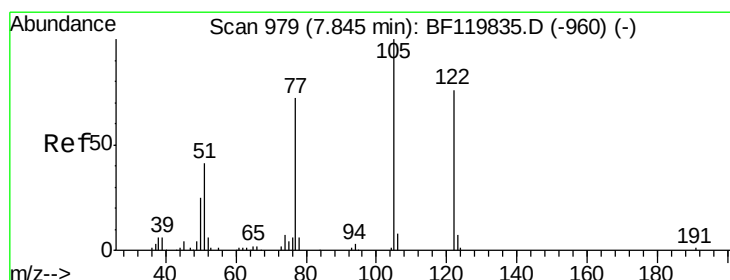
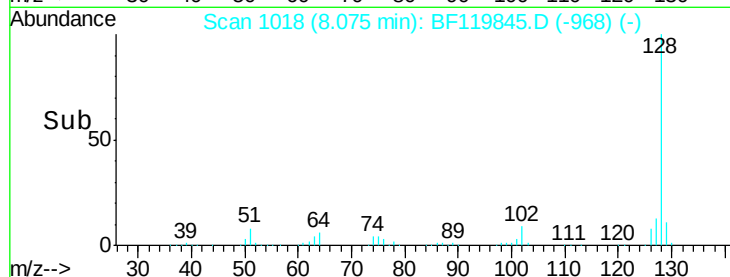
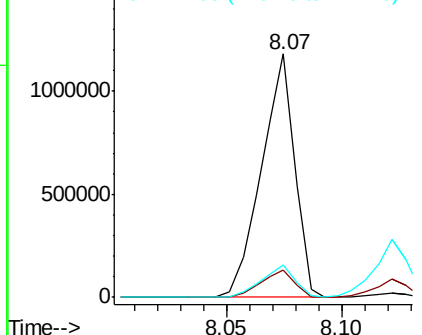


Abundance

Ion 128.00 (127.70 to 128.70): E

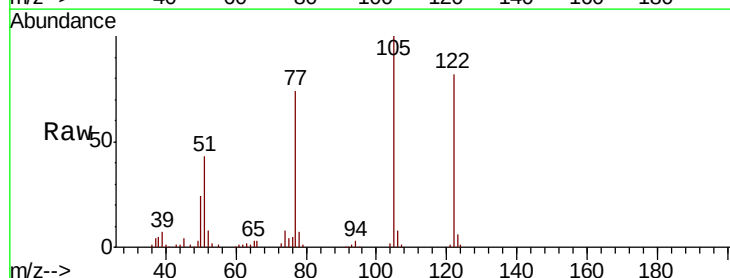
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 45.868 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	106.7	146.7
77	90.4	72.1	112.1

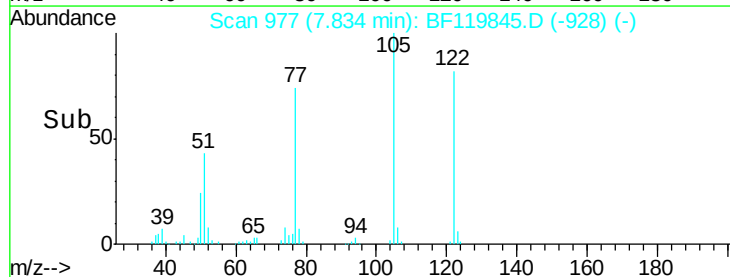
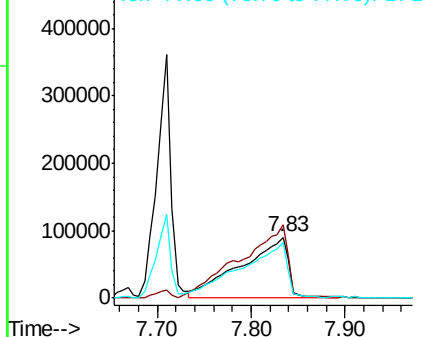


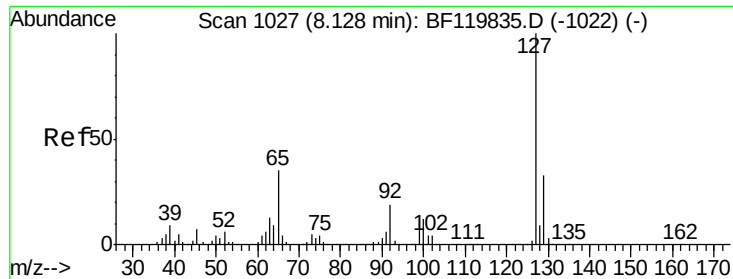
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





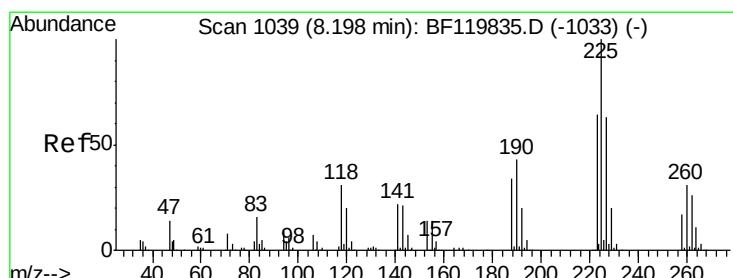
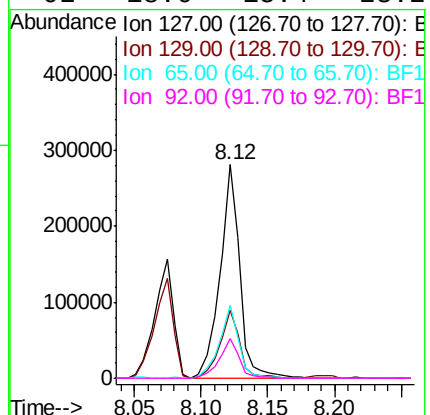
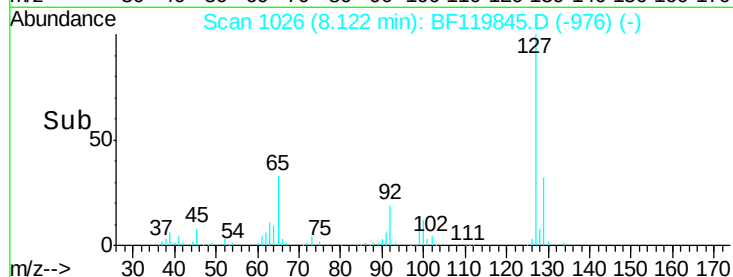
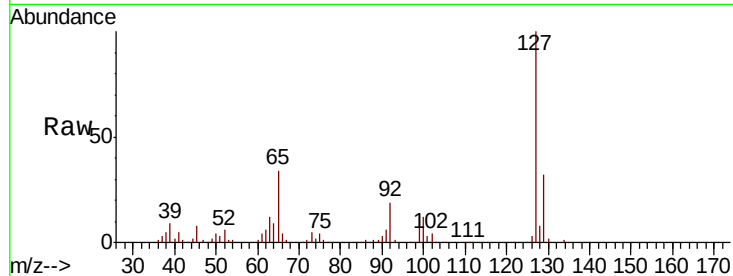
#33
4-Chloroaniline
Concen: 24.474 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
292136	127	100			
	129	31.9	26.2	39.2	
	65	34.4	28.3	42.5	
	92	18.6	15.4	23.2	

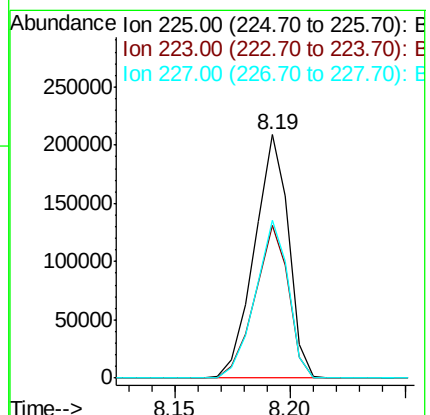
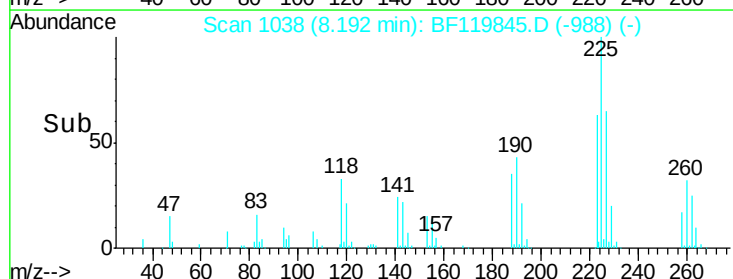
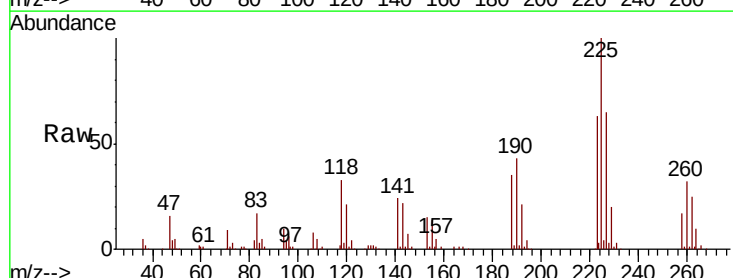
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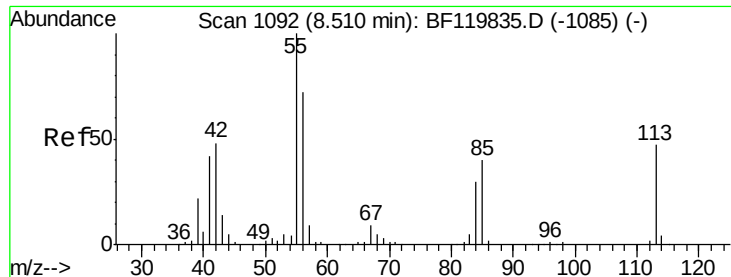
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#34
Hexachlorobutadiene
Concen: 40.542 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
215224	225	100			
	223	62.8	51.0	76.6	
	227	64.7	50.4	75.6	





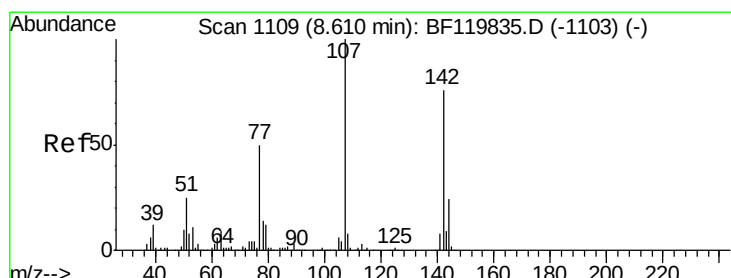
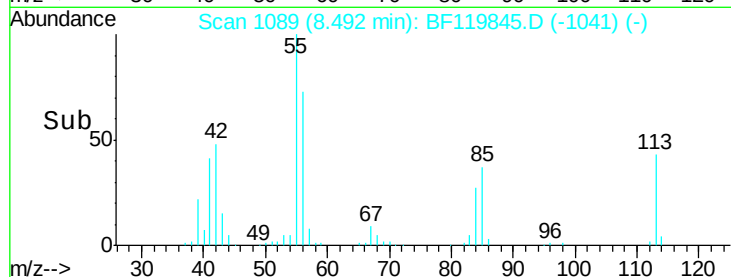
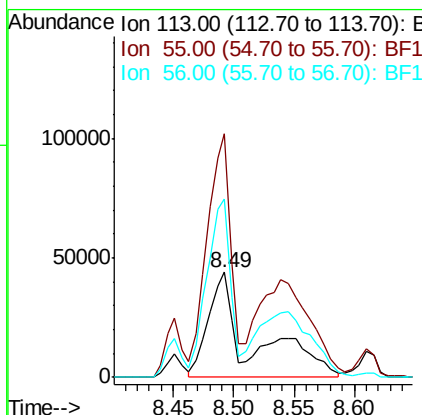
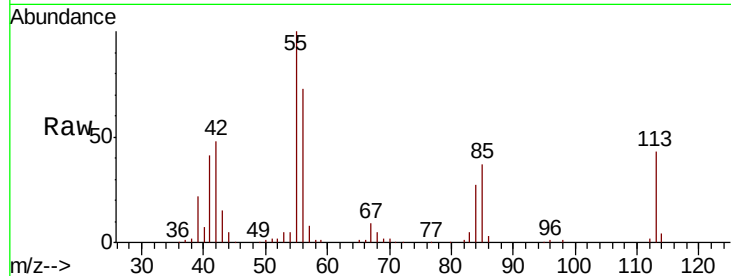
#35
 Caprolactam
 Concen: 45.409 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	231.9	192.7	232.7
56	170.4	133.3	173.3

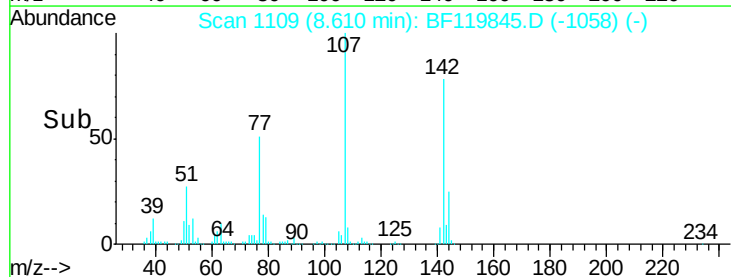
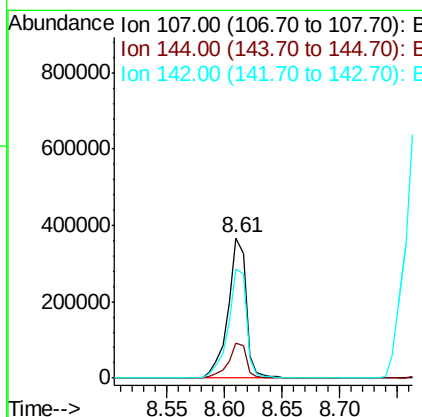
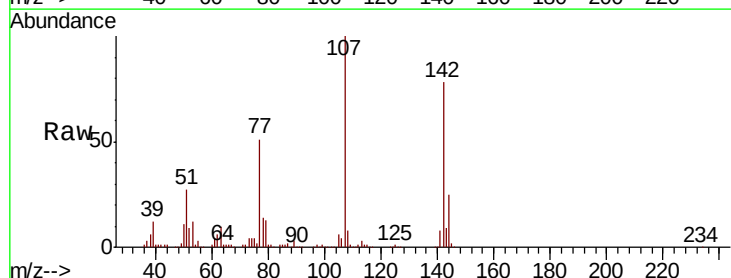
Manual Integrations
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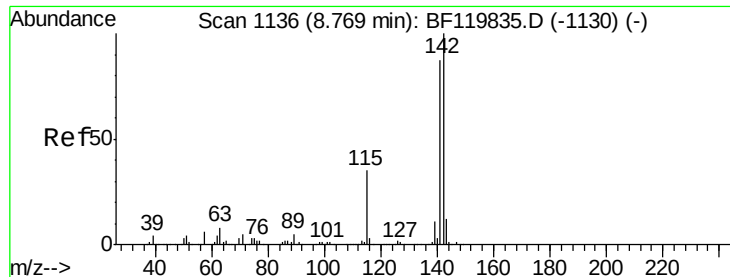
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.066 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.5	29.3
142	77.7	60.5	90.7





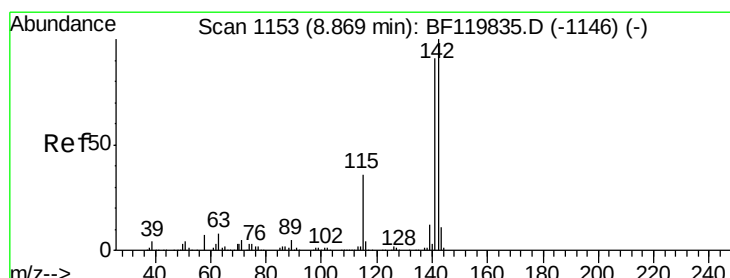
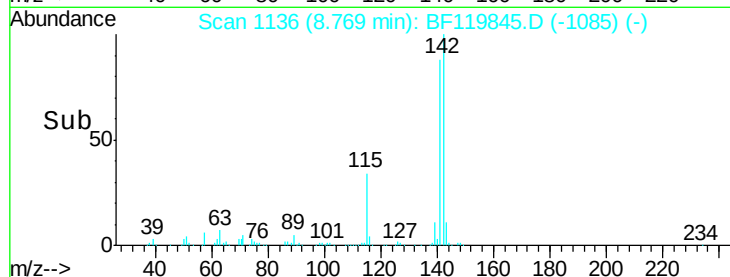
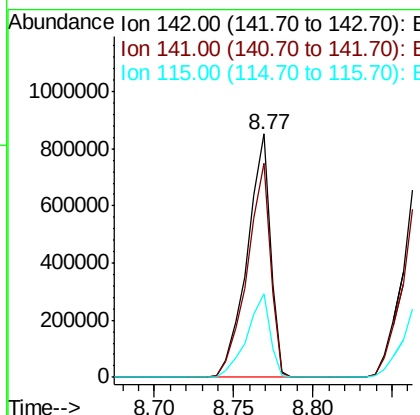
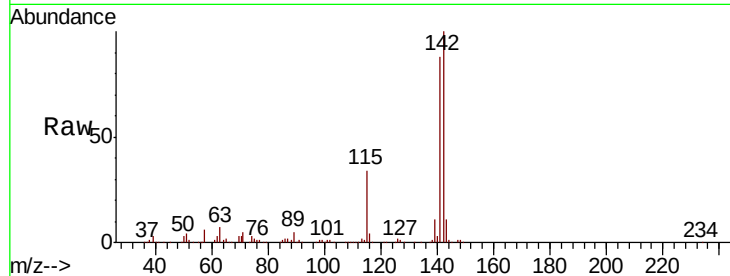
#37
 2-Methylnaphthalene
 Concen: 46.486 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.9	104.9
115	34.3	28.0	42.0

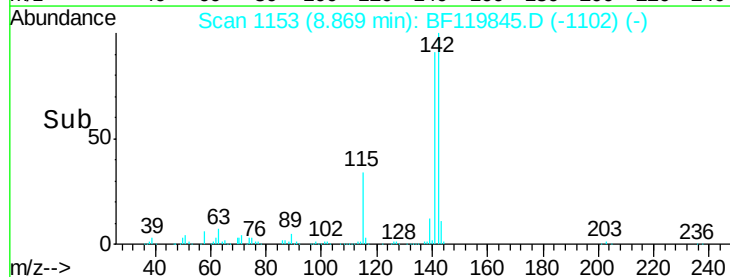
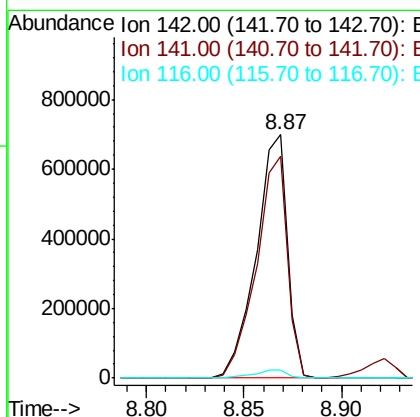
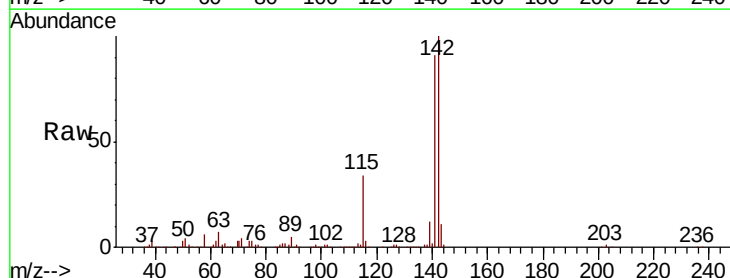
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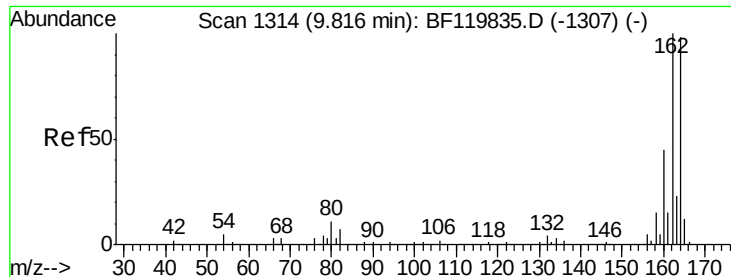
mohammad
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#38
 1-Methylnaphthalene
 Concen: 44.243 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.9	109.3
116	3.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

PB128073BS

Tot Ion:164 Resp: 276618

Ion Ratio Lower Upper

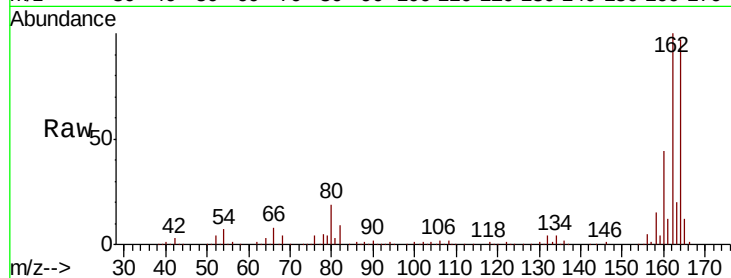
164 100

162 102.9 81.9 122.9

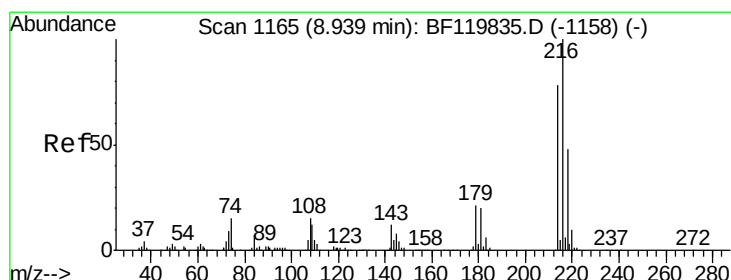
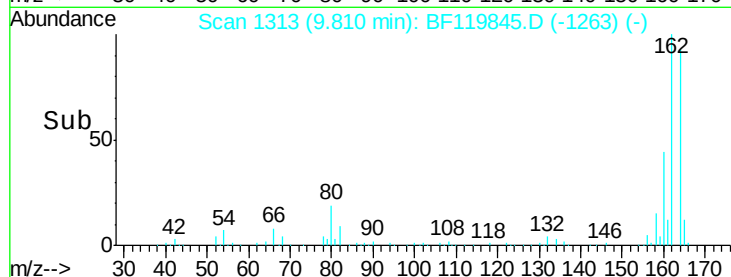
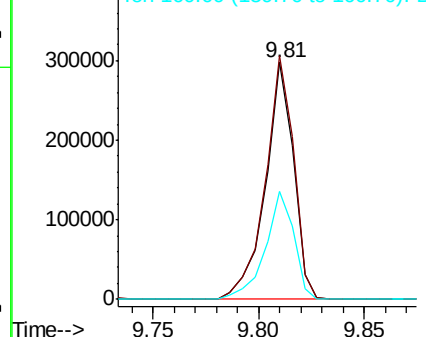
160 45.6 36.6 54.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.575 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:216 Resp: 380709

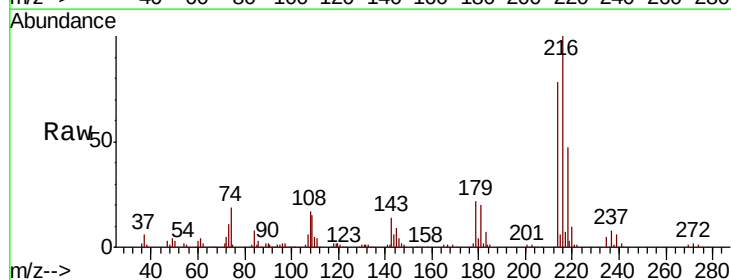
Ion Ratio Lower Upper

216 100

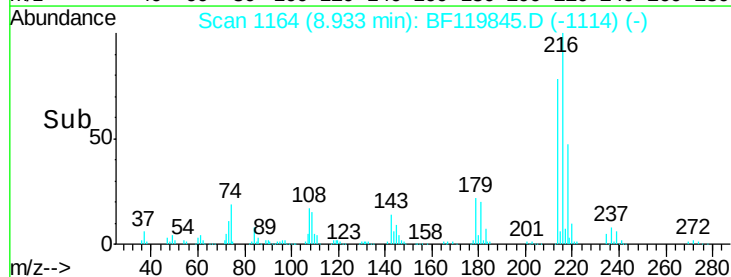
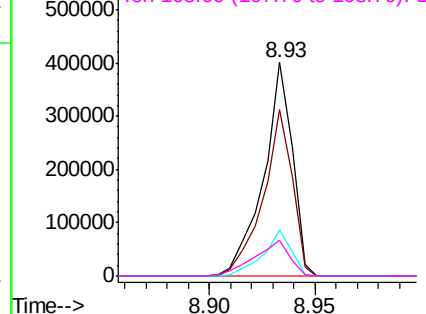
214 78.8 63.1 94.7

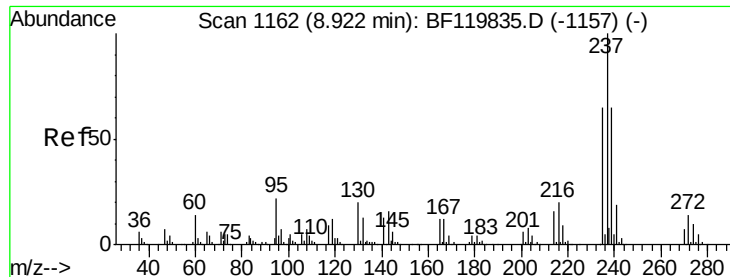
179 21.1 17.0 25.4

108 20.3 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.919 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

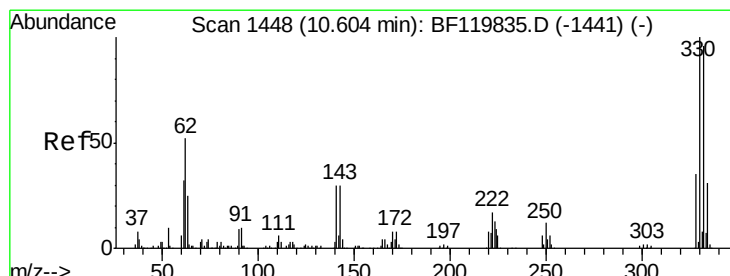
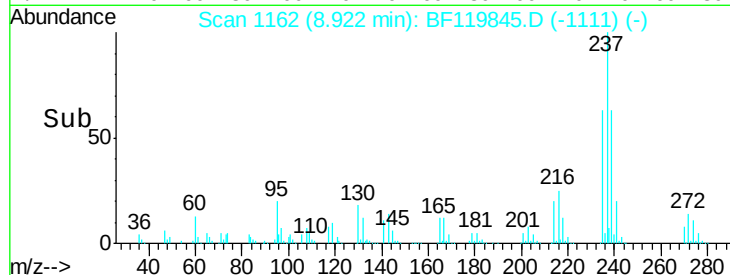
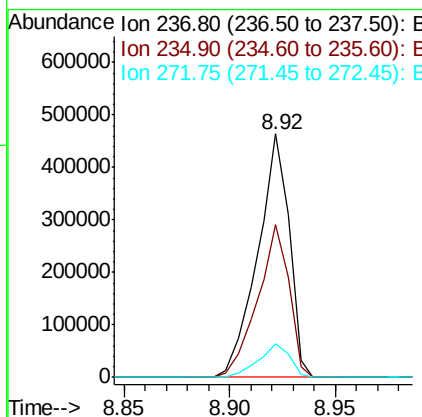
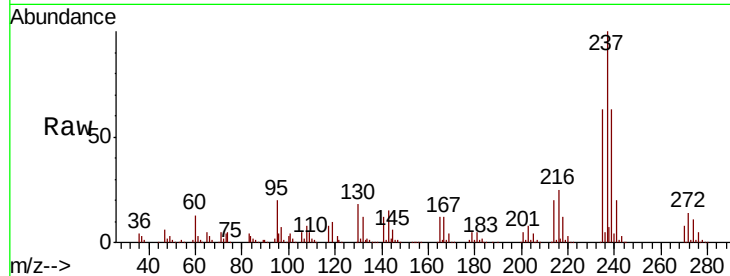
ClientSampleId :

PB128073BS

Tot Ion:	237	Resp:	481502
Ion Ratio		Lower	Upper
237	100		
235	62.6	44.9	84.9
272	13.8	0.0	33.6

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#42

2,4,6-Tribromophenol

Concen: 132.211 ng

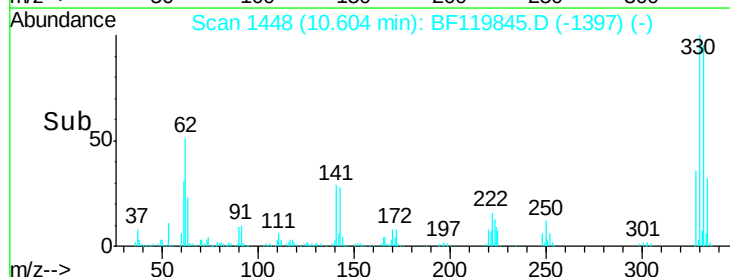
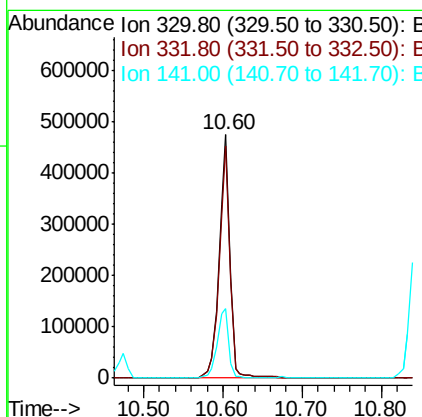
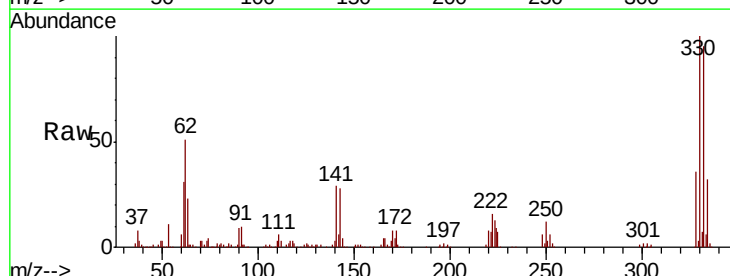
RT: 10.60 min Scan# 1448

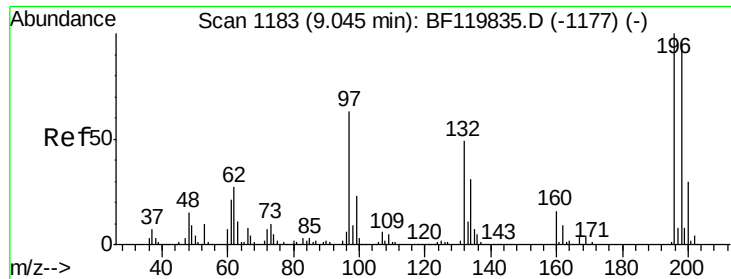
Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:	330	Resp:	447764
Ion Ratio		Lower	Upper
330	100		
332	95.2	76.8	115.2
141	31.0	25.1	37.7





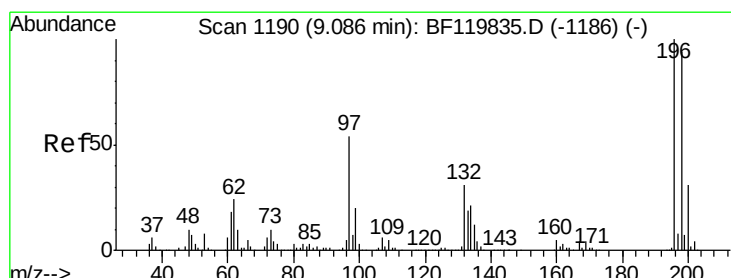
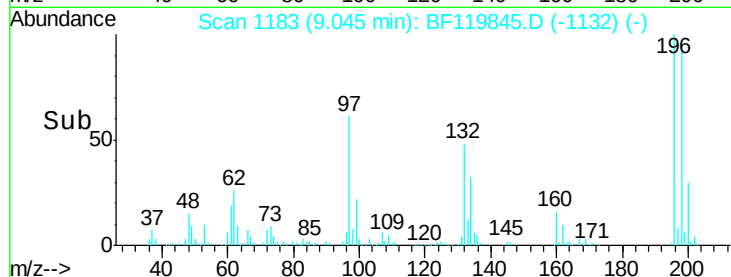
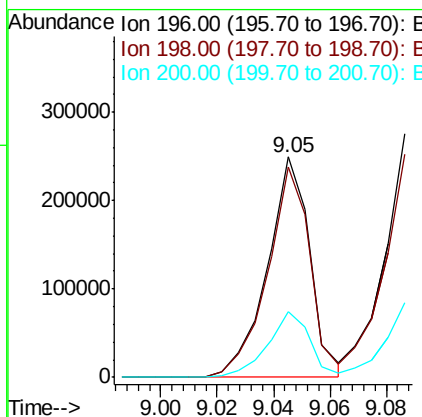
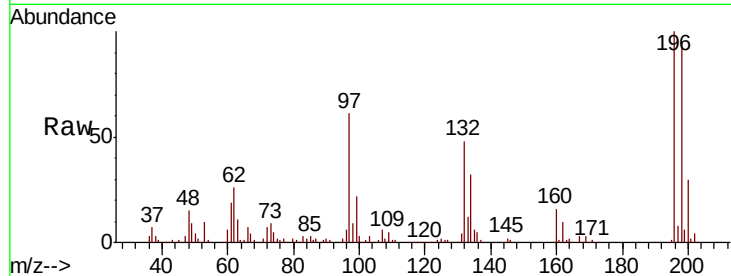
#43
 2,4,6-Trichlorophenol
 Concen: 43.069 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259841		
198	95.3	76.6	115.0	
200	30.0	24.2	36.2	

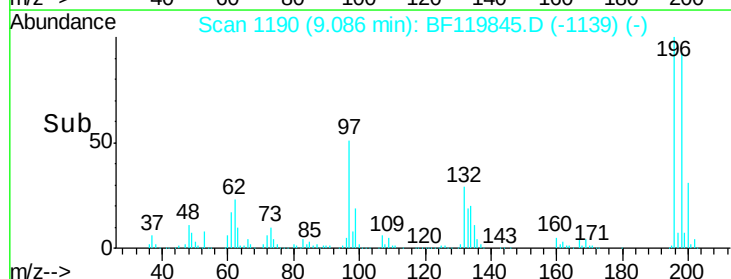
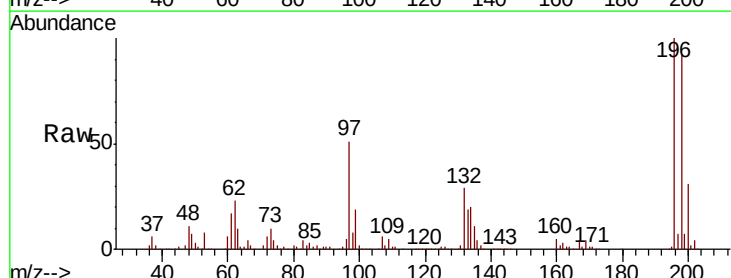
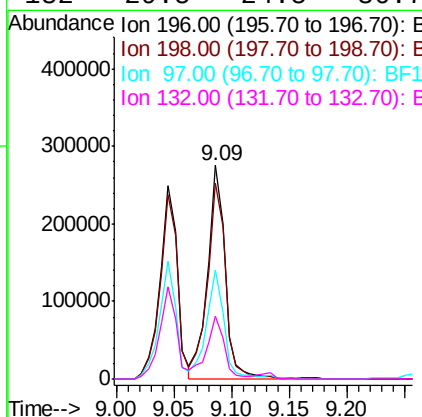
Manual Integrations
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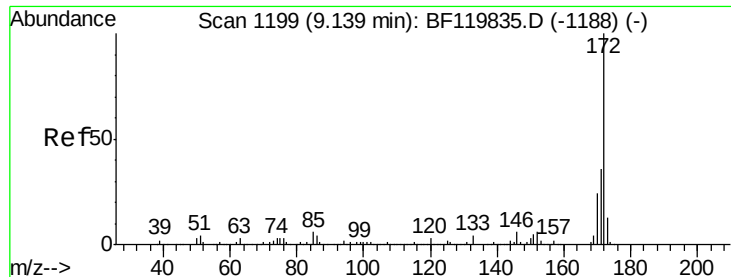
mohammad
 4/10/2020 9:57:18 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.109 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292929		
198	91.9	75.1	112.7	
97	51.0	43.4	65.2	
132	29.5	24.5	36.7	





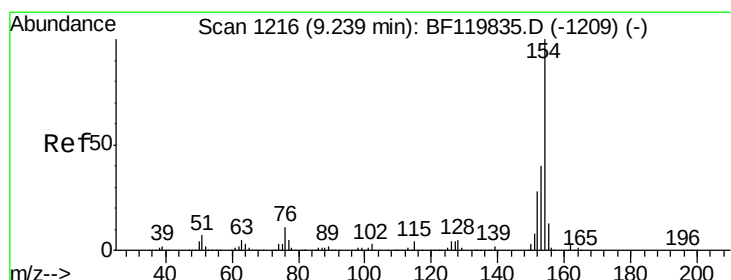
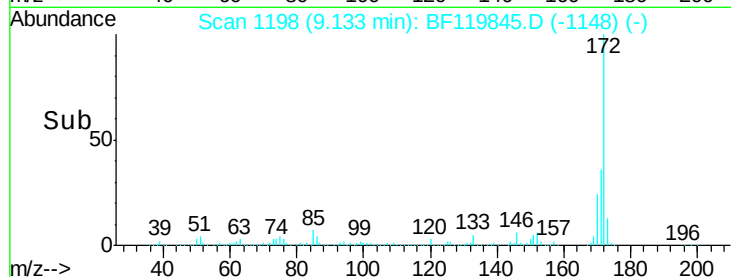
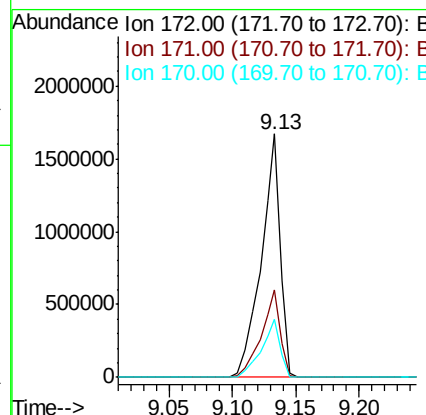
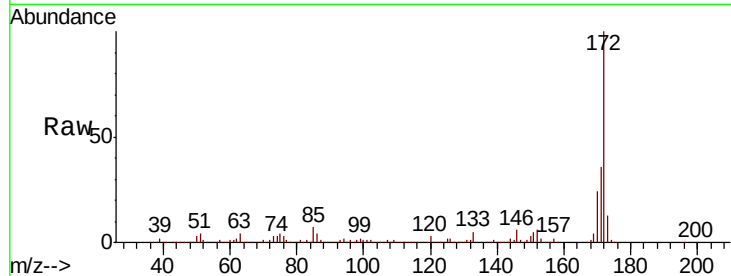
#45
2-Fluorobiphenyl
Concen: 90.223 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.1	19.4	29.2

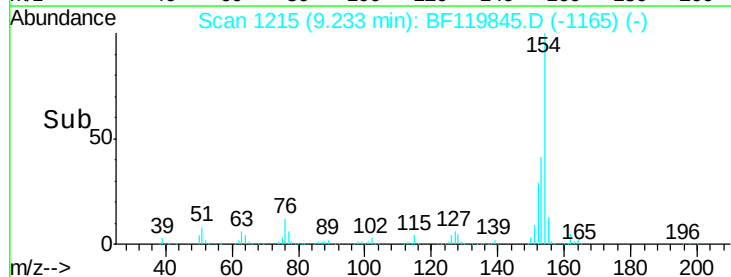
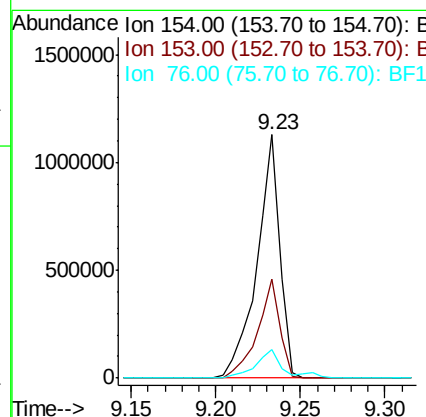
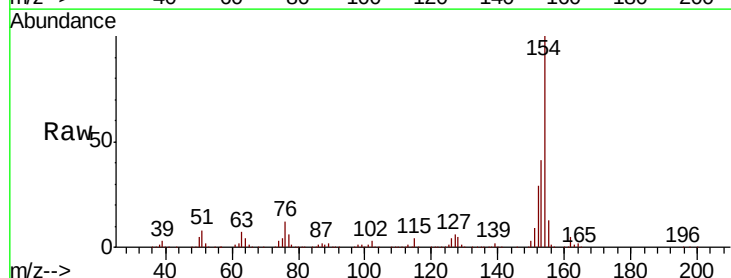
Manual Integrations
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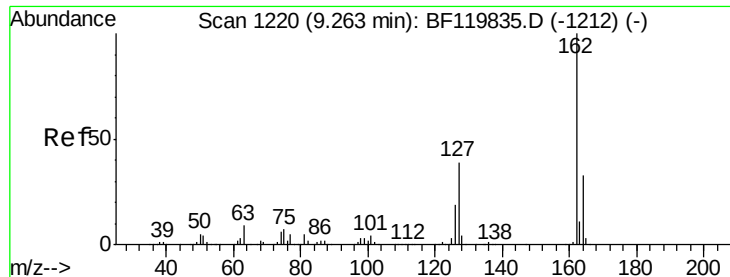
mohammad
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#46
1,1'-Biphenyl
Concen: 45.860 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.0	0.0	30.6





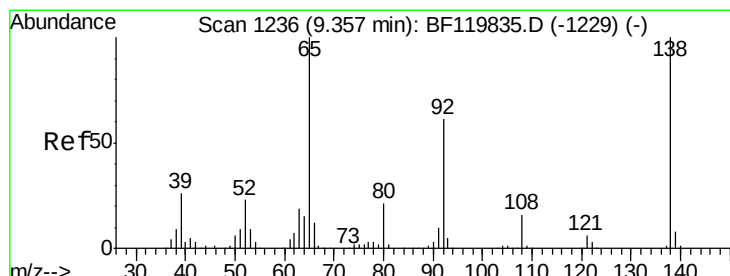
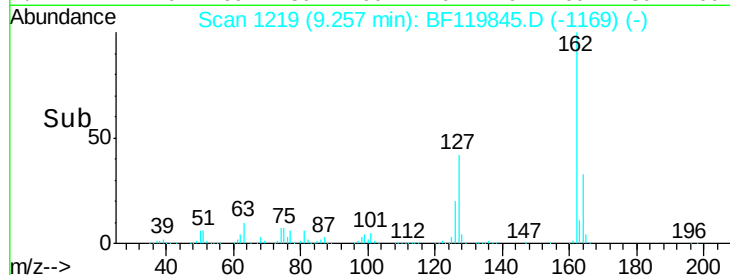
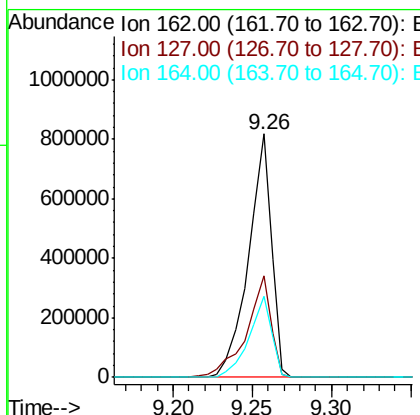
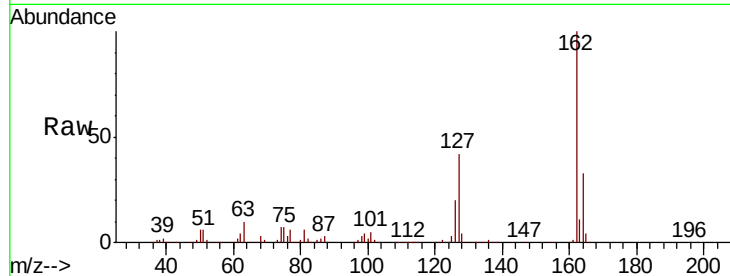
#47
 2-Chloronaphthalene
 Concen: 45.565 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	31.2	46.8
164	33.2	26.3	39.5

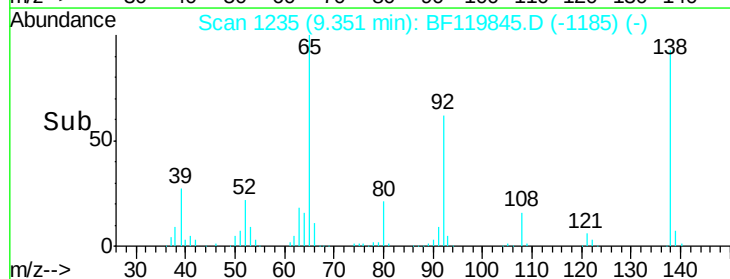
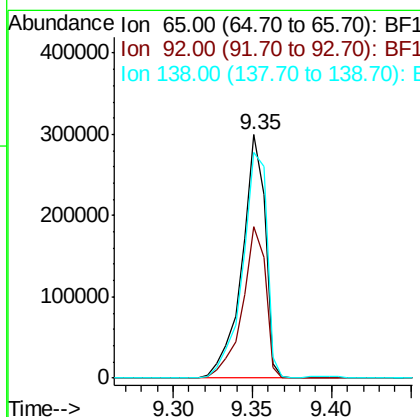
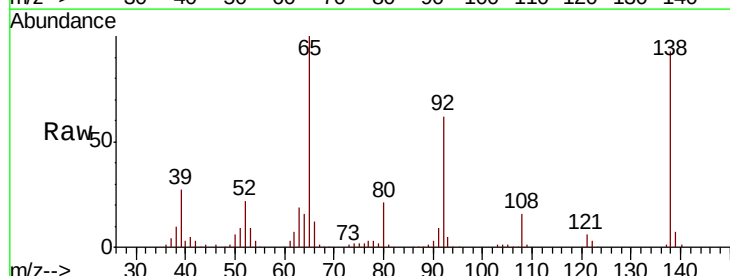
Manual Integrations
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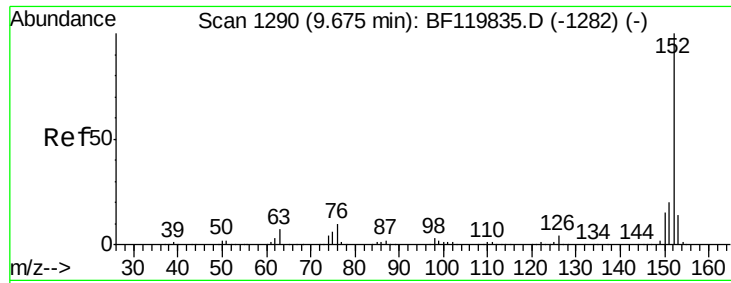
mohammad
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#48
 2-Nitroaniline
 Concen: 46.341 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	49.0	73.6
138	92.6	79.7	119.5





#49

Acenaphthylene

Concen: 48.069 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

PB128073BS

Tot Ion:152 Resp: 1314860

Ion Ratio Lower Upper

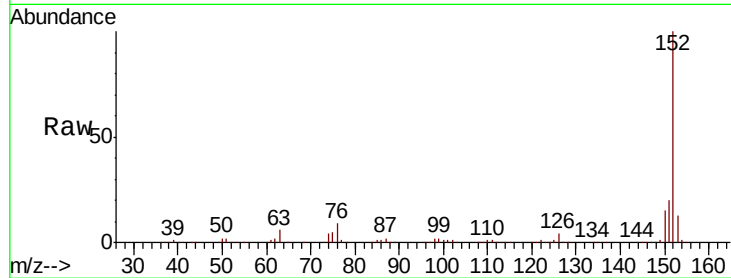
152 100

151 19.9 16.2 24.4

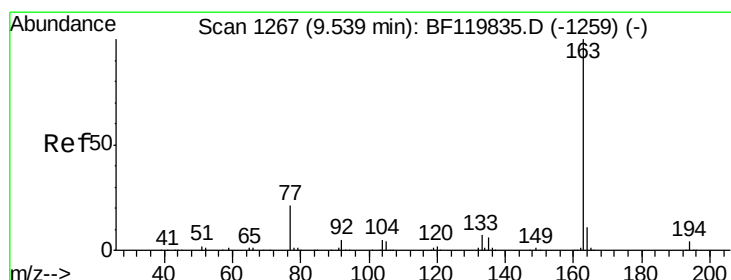
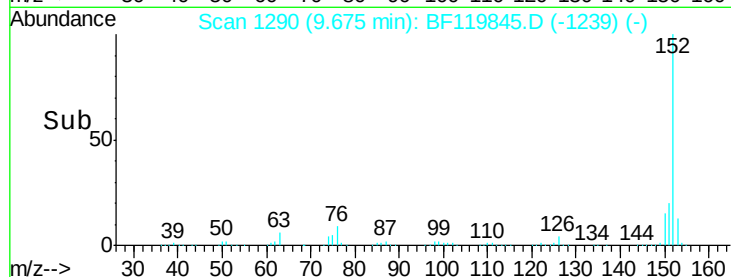
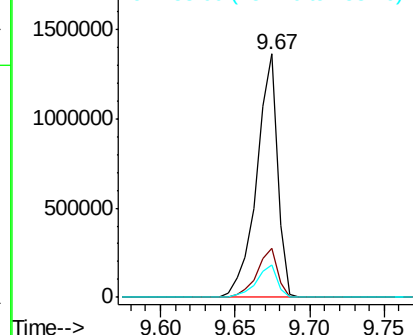
153 13.1 10.9 16.3

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.661 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

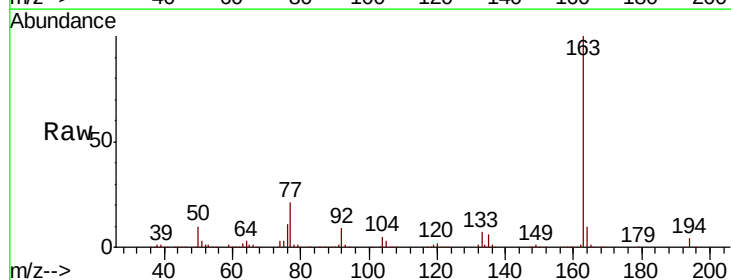
Tgt Ion:163 Resp: 998353

Ion Ratio Lower Upper

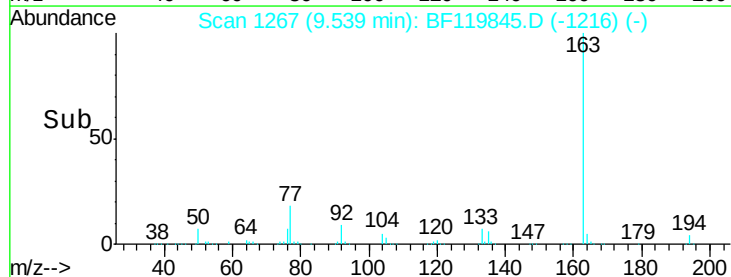
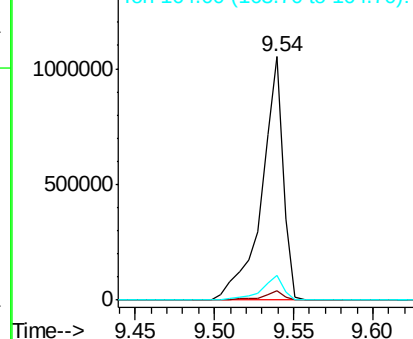
163 100

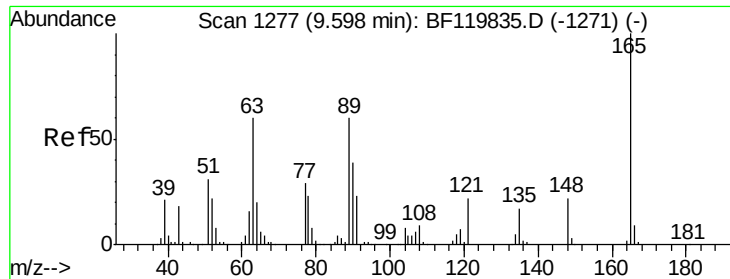
194 3.9 3.0 4.4

164 10.1 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





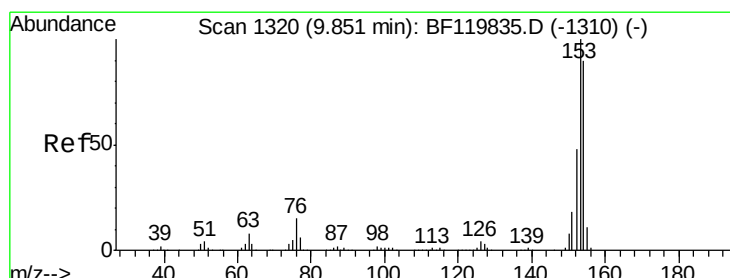
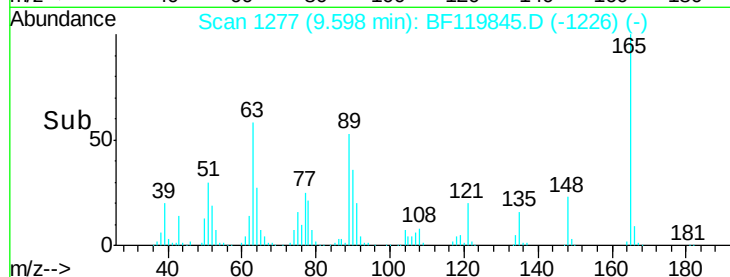
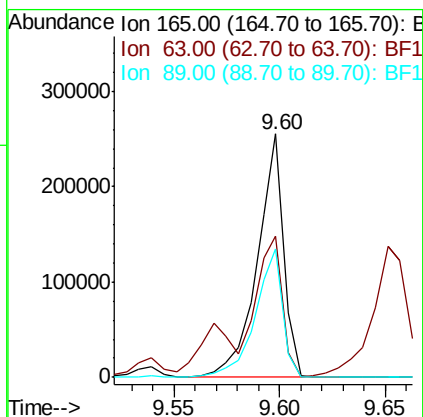
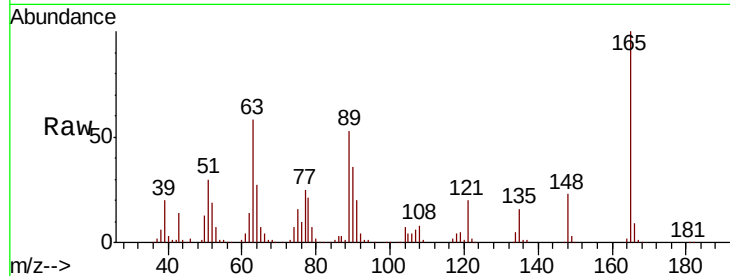
#51
2,6-Dinitrotoluene
Concen: 47.388 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.9	55.6	83.4
89	52.7	47.9	71.9

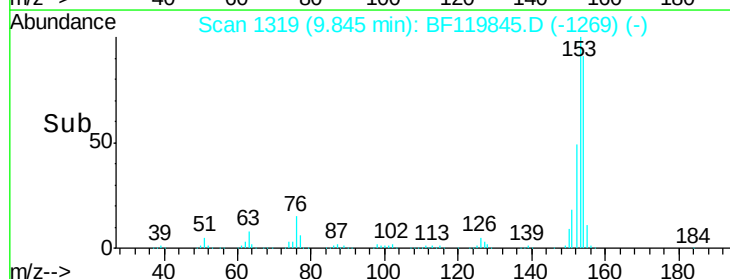
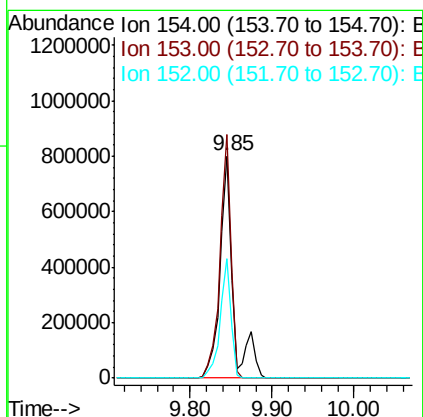
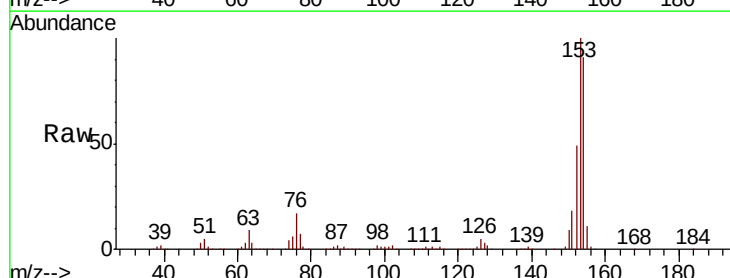
Manual Integrations
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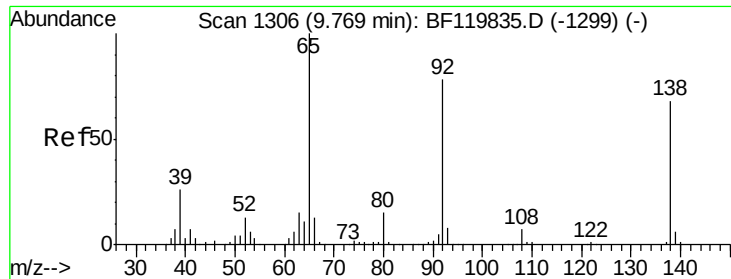
mohammad
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#52
Acenaphthene
Concen: 48.699 ng m
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.4	88.8	133.2
152	53.4	42.4	63.6





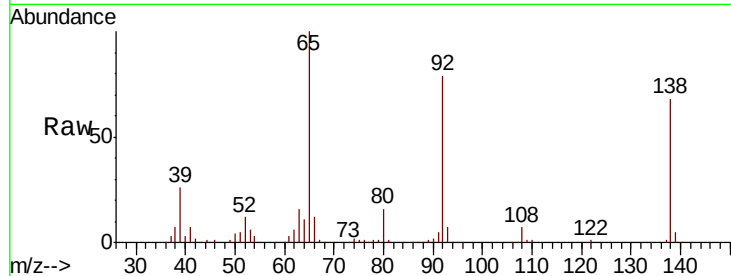
#53
 3-Nitroaniline
 Concen: 27.971 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.0	12.0
92	116.7	92.1	138.1

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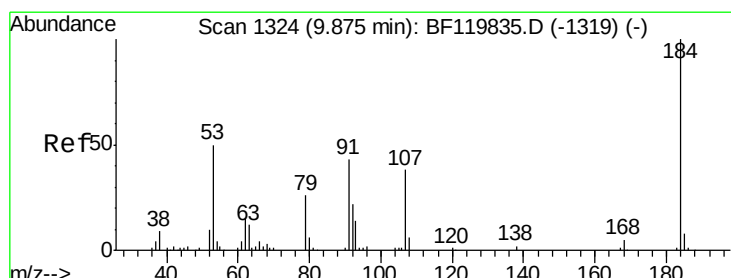
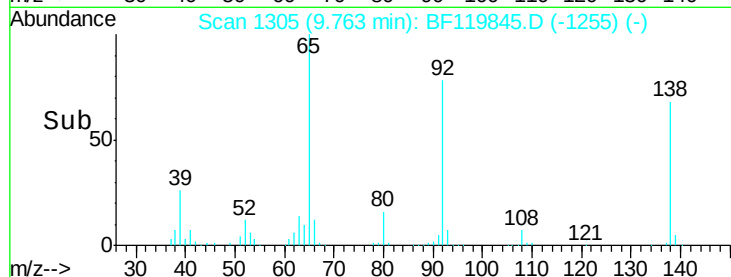
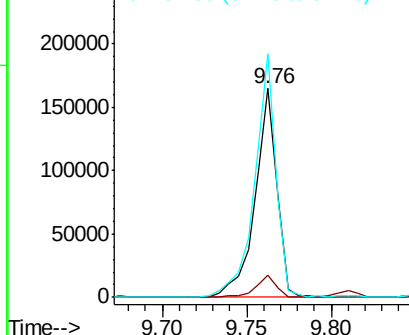


Abundance

Ion 138.00 (137.70 to 138.70): E

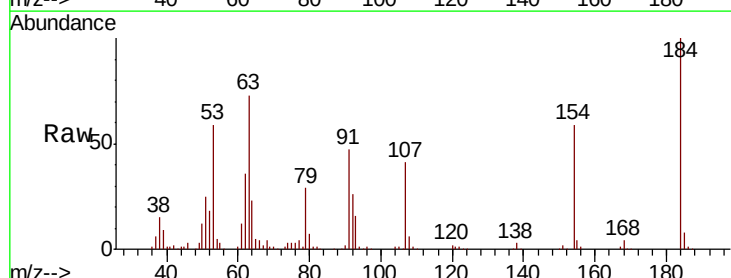
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 94.300 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.9	49.8	74.6
154	58.8	46.5	69.7

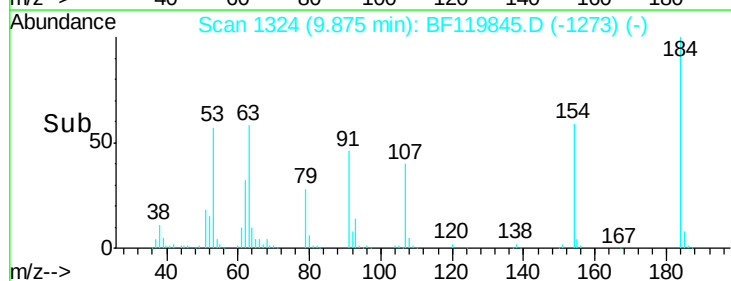
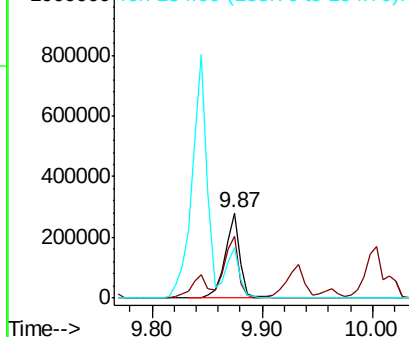


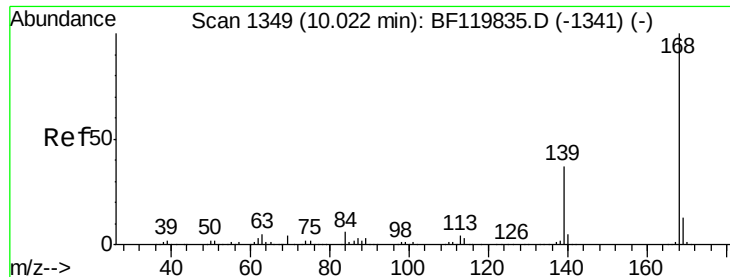
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





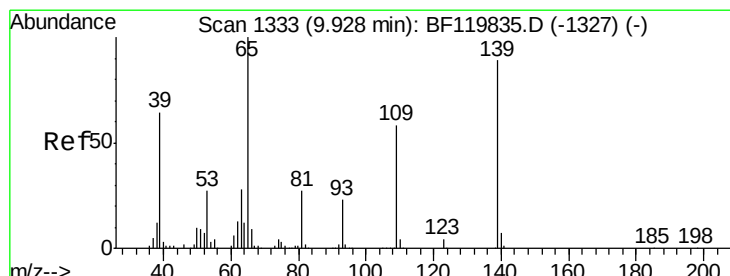
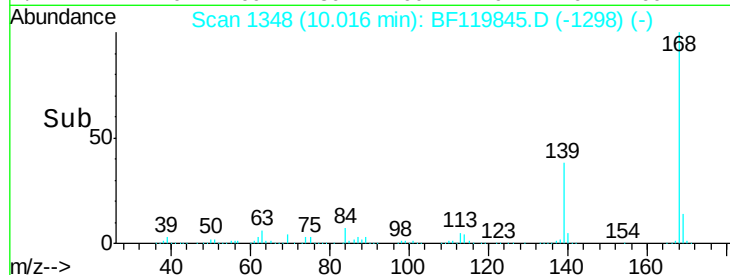
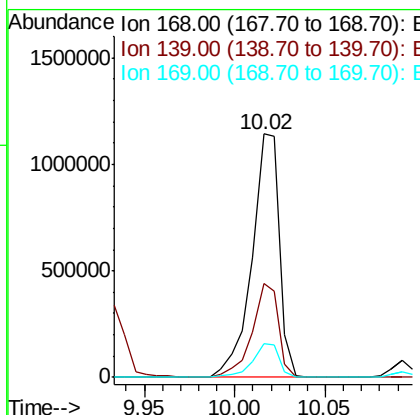
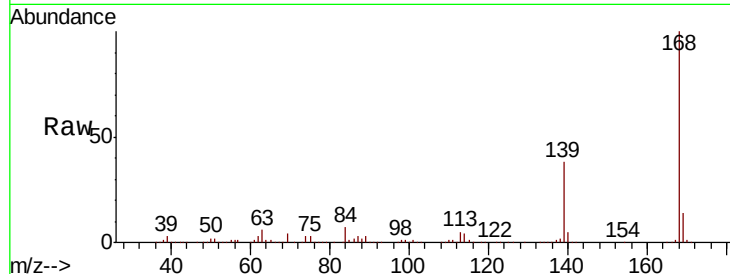
#55
Dibenzofuran
Concen: 48.095 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampled :
PB128073BS

Tot Ion:168 Resp: 1204249
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.6
169 14.0 10.6 15.8

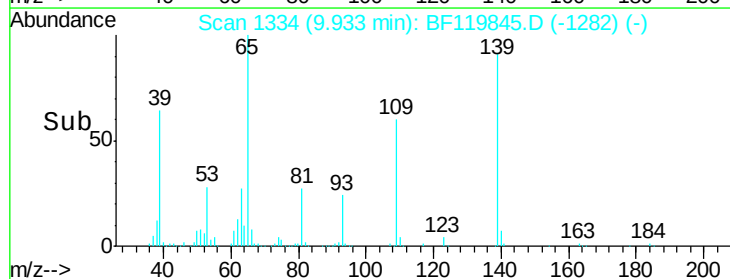
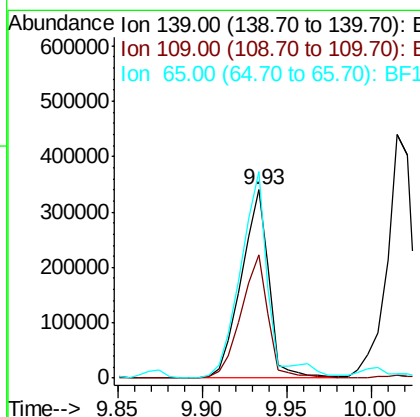
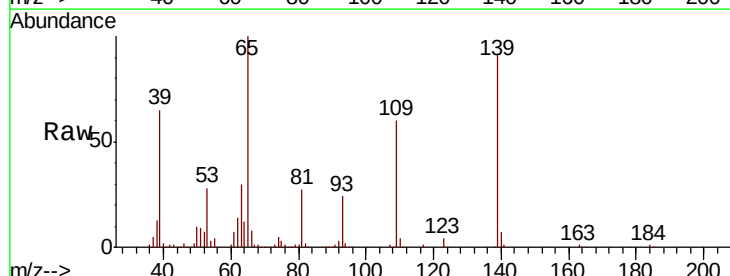
Manual Integrations
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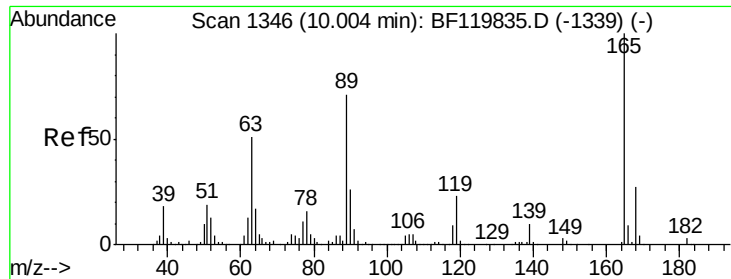
mohammad
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#56
4-Nitrophenol
Concen: 97.785 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:139 Resp: 389334
Ion Ratio Lower Upper
139 100
109 65.7 45.5 85.5
65 109.4 92.3 132.3





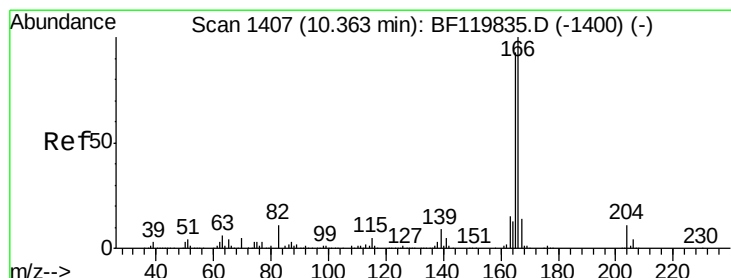
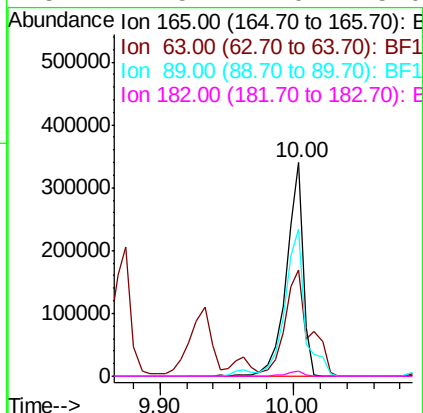
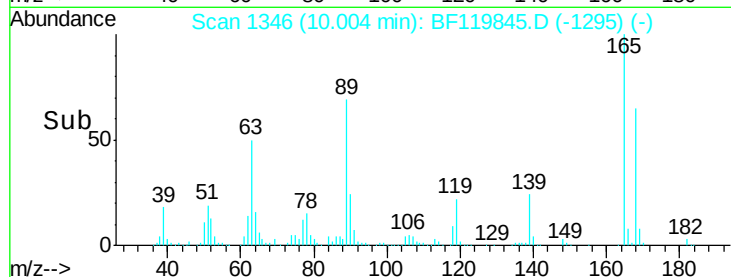
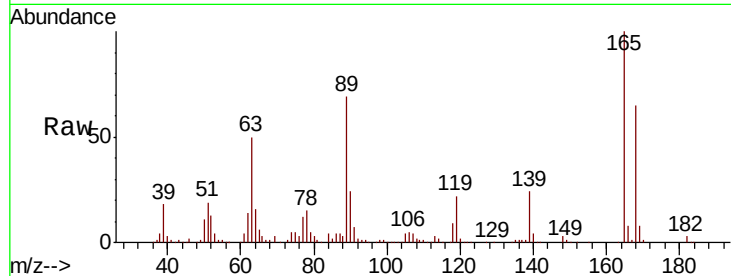
#57
2,4-Dinitrotoluene
Concen: 48.795 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.8	40.8	61.2
89	69.1	56.9	85.3
182	2.5	2.0	3.0

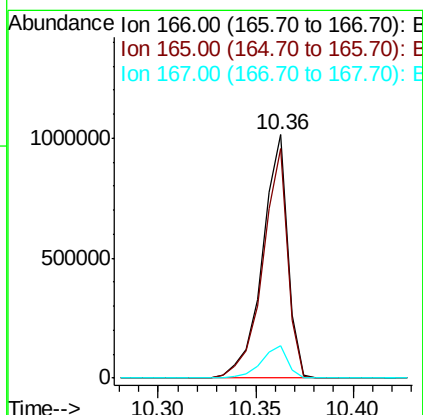
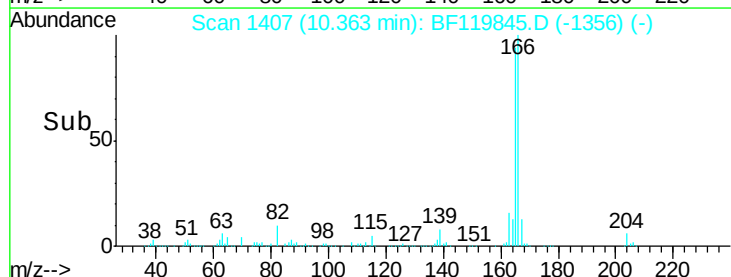
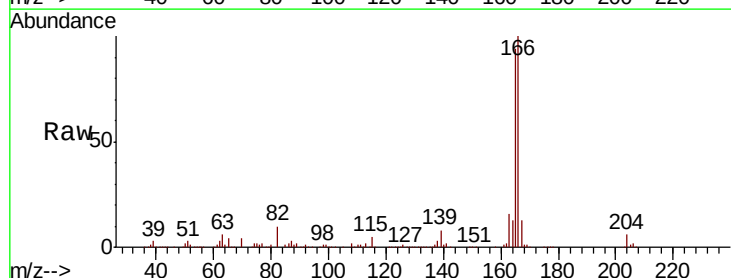
Manual Integrations
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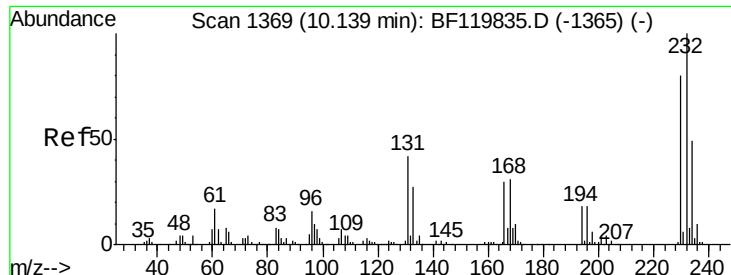
mohammad
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#58
Fluorene
Concen: 45.510 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	94.1	74.2	111.2
167	13.5	10.8	16.2





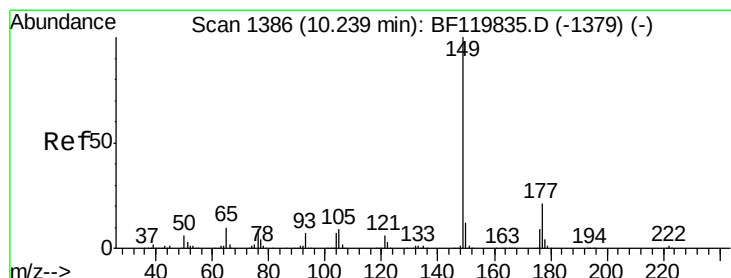
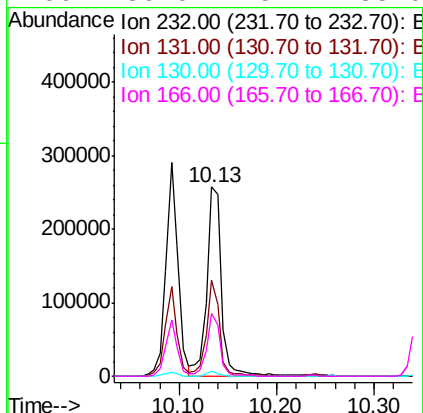
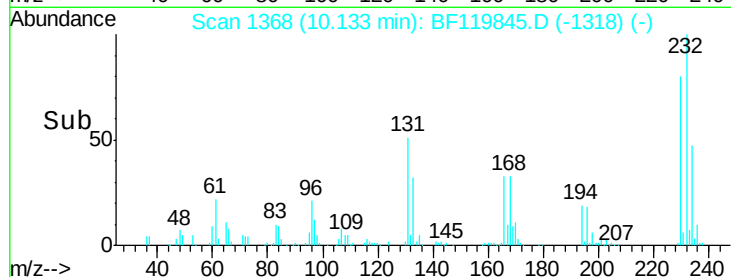
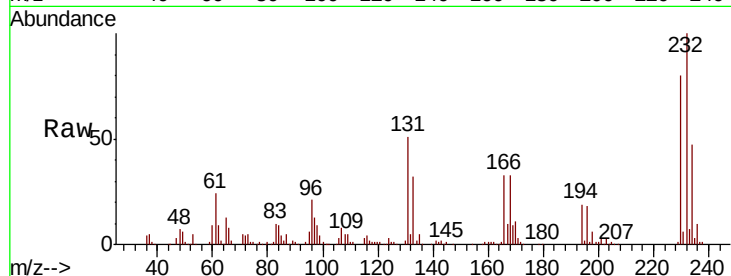
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.363 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.9	56.9
130	1.9	1.8	2.6
166	30.0	25.4	38.0

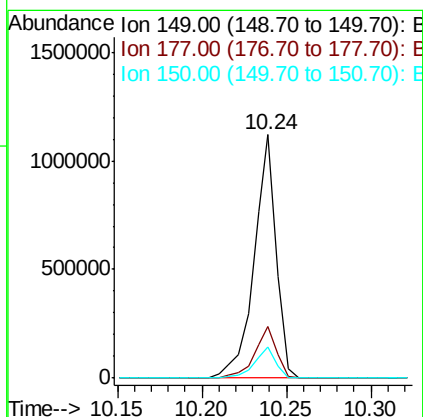
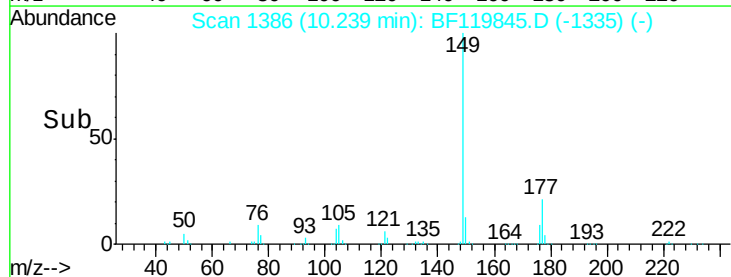
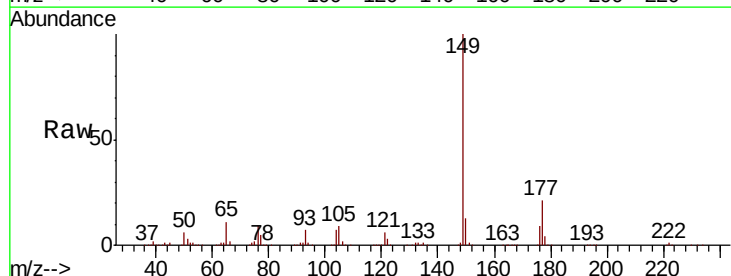
Manual Integrations
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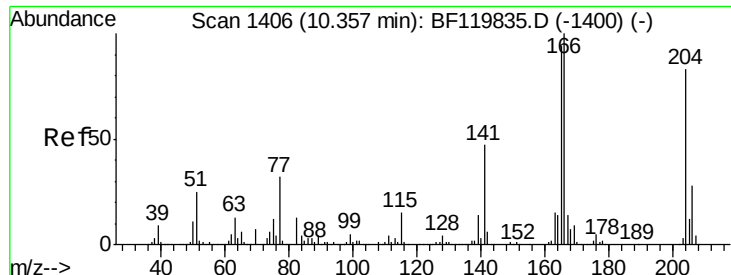
mohammad
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#60
 Diethylphthalate
 Concen: 45.959 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.8	9.8	14.6





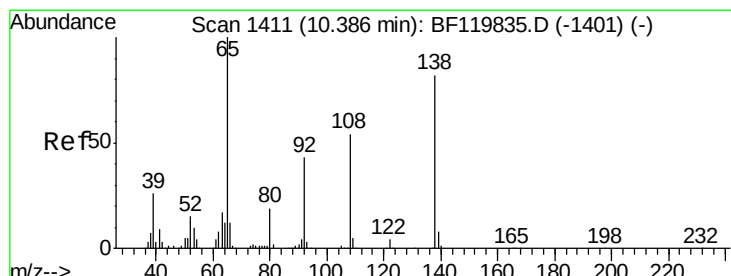
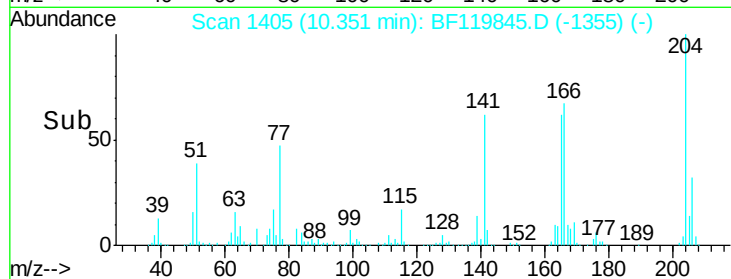
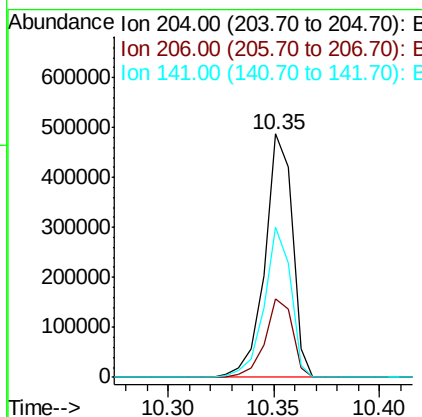
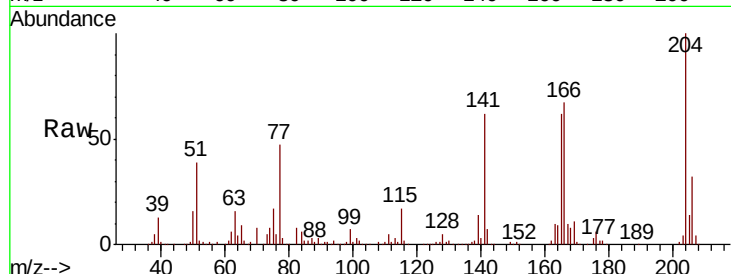
#61
 4-Chlorophenyl-phenylether
 Concen: 43.073 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion:	204	Resp:	442074
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.7	40.1
141	61.8	45.8	68.8

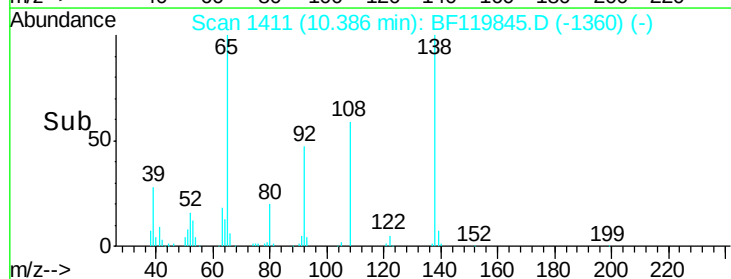
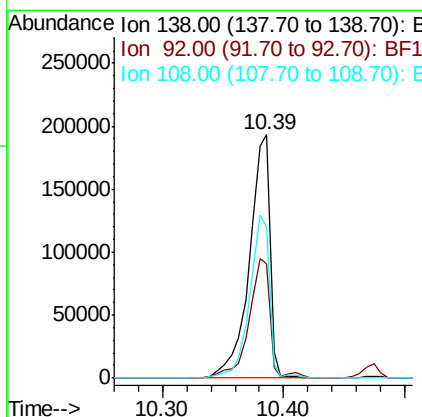
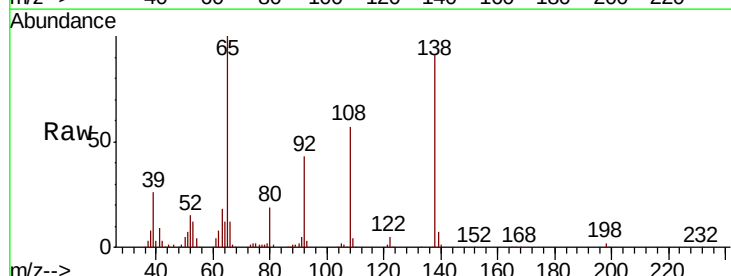
Manual Integrations
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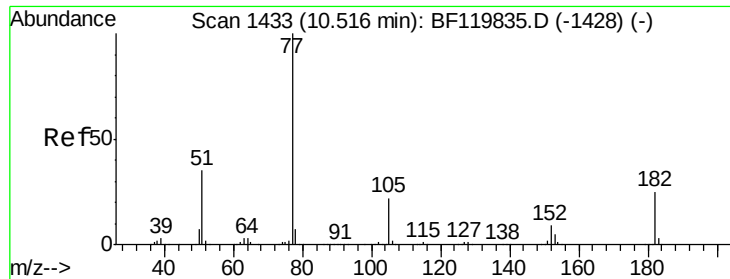
mohammad
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#62
 4-Nitroaniline
 Concen: 45.386 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion:	138	Resp:	231454
Ion Ratio	Lower	Upper	
138	100		
92	46.8	31.6	71.6
108	62.3	45.2	85.2





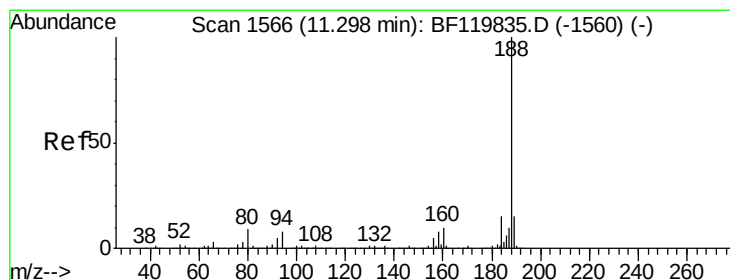
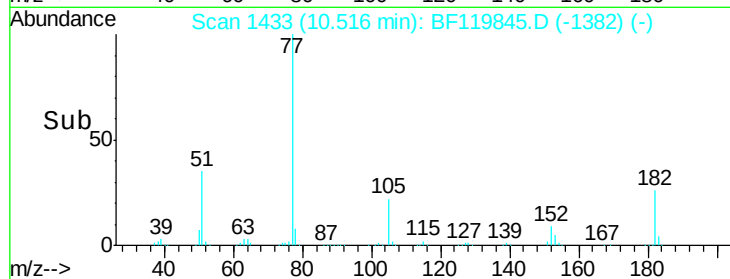
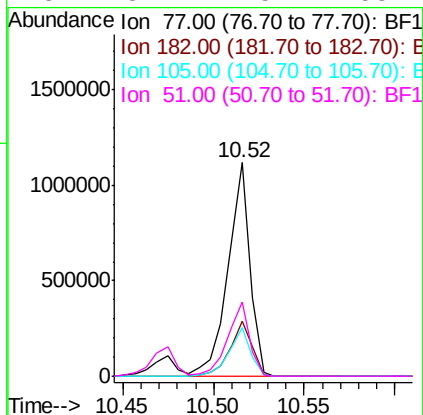
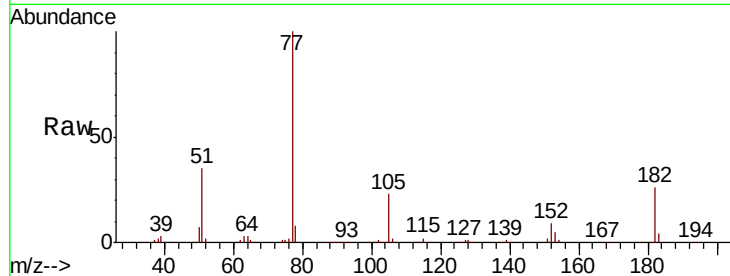
#63
Azobenzene
Concen: 47.635 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.5	44.5
105	22.7	2.2	42.2
51	34.7	15.1	55.1

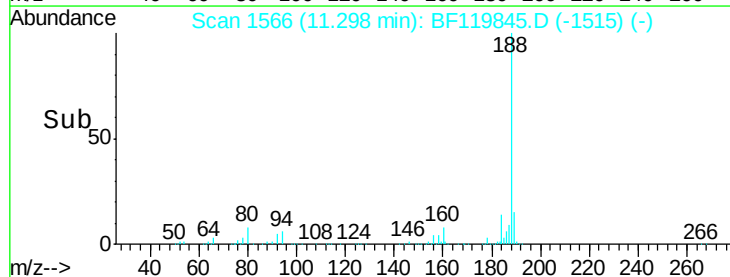
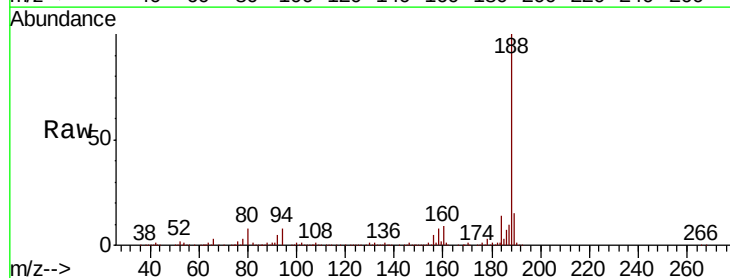
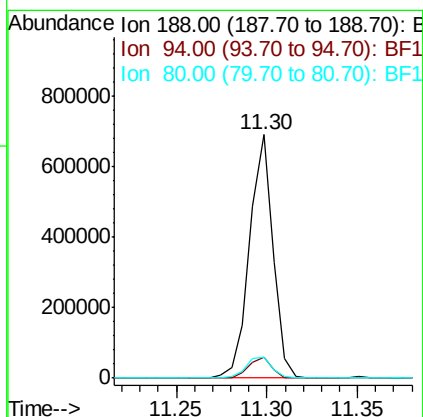
Manual Integrations
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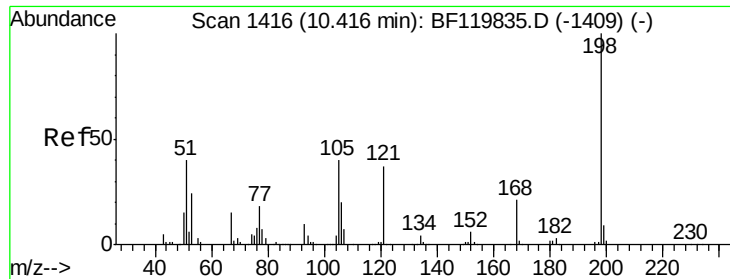
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.4	7.4	11.2





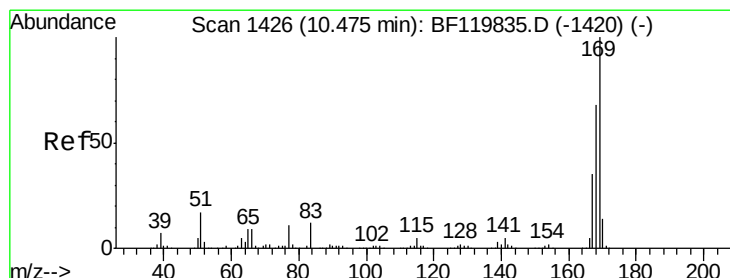
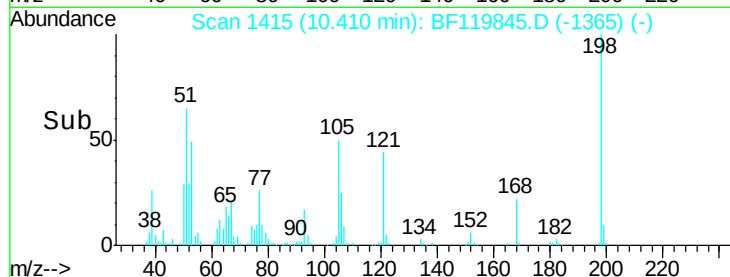
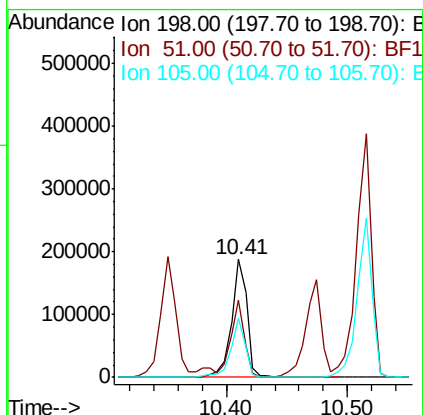
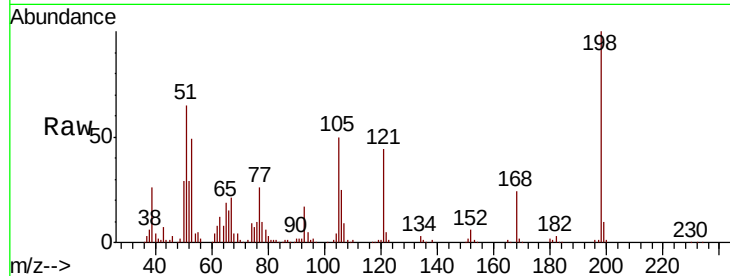
#65
4,6-Dinitro-2-methylphenol
Concen: 40.964 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	167795		
51	65.1	25.2	65.2	
105	49.9	20.8	60.8	

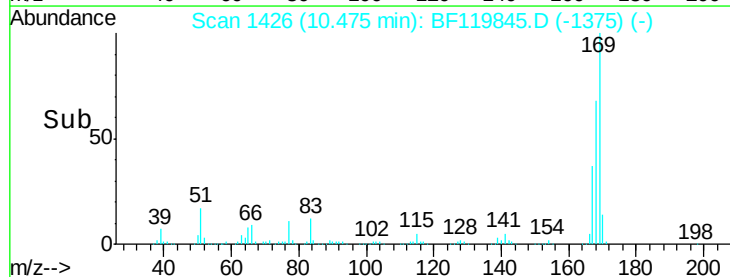
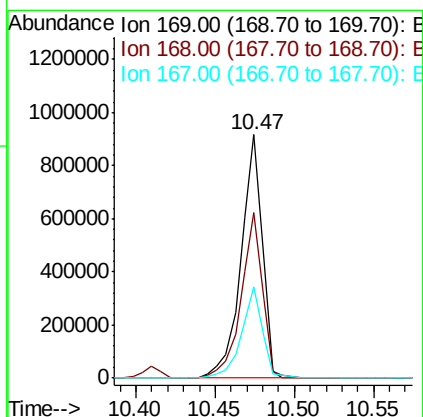
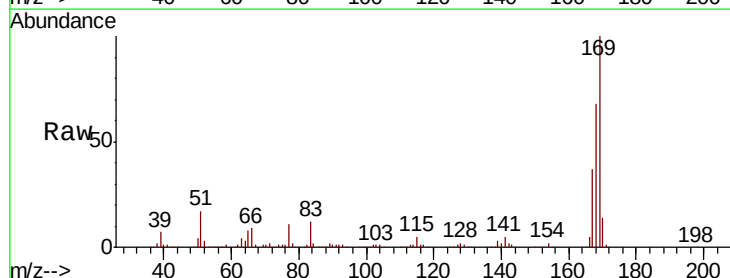
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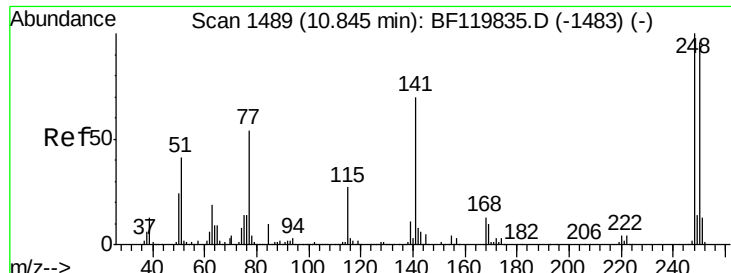
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#66
n-Nitrosodiphenylamine
Concen: 40.981 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	847401		
168	68.1	54.2	81.4	
167	37.3	28.3	42.5	





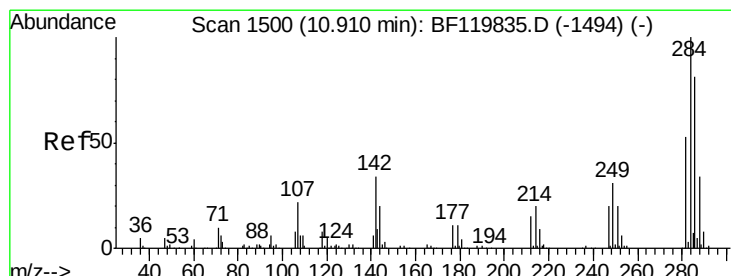
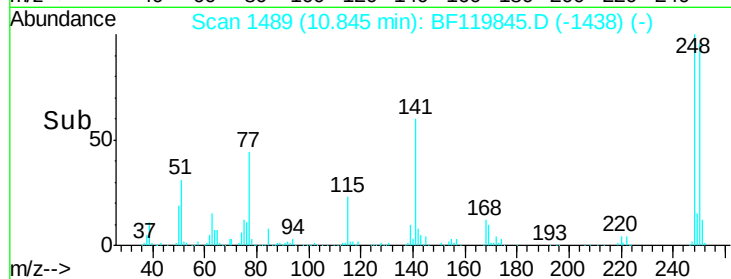
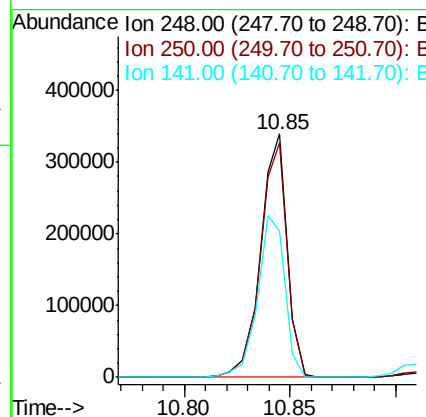
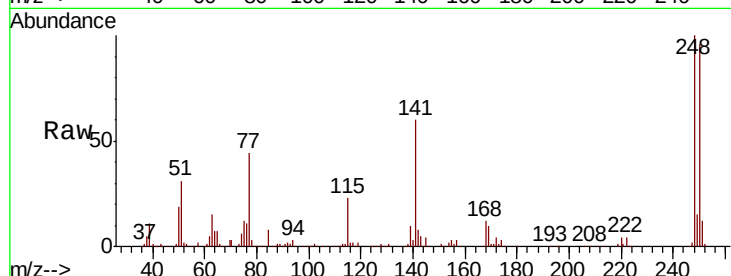
#67
 4-Bromophenyl-phenylether
 Concen: 38.447 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	297281		
250	96.2	76.6	114.8	
141	60.3	55.9	83.9	

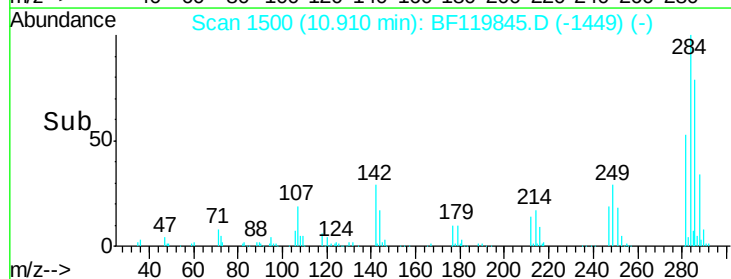
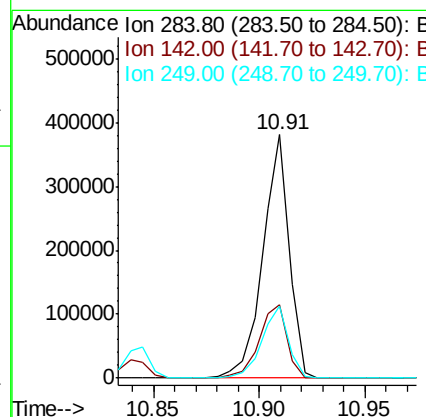
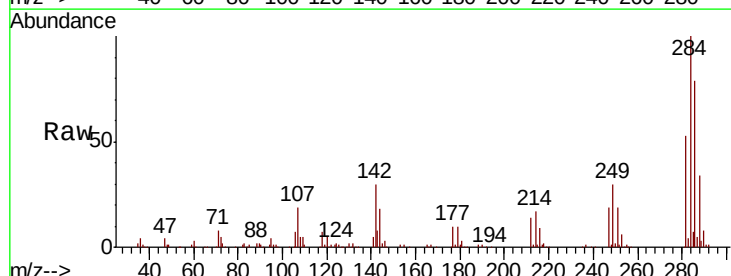
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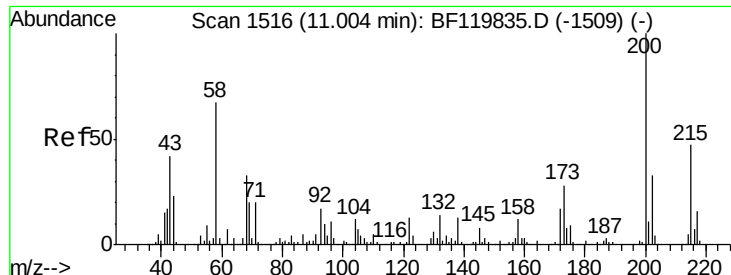
mohammad
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#68
 Hexachlorobenzene
 Concen: 42.023 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	329632		
142	30.1	26.9	40.3	
249	29.8	24.6	37.0	





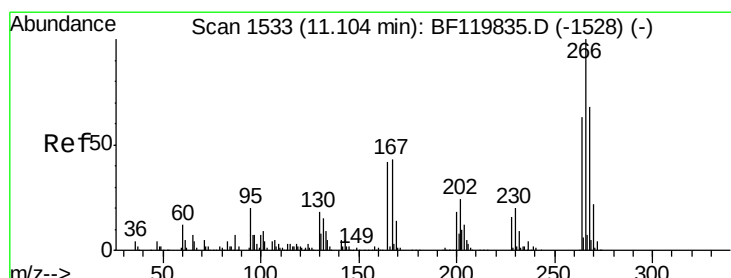
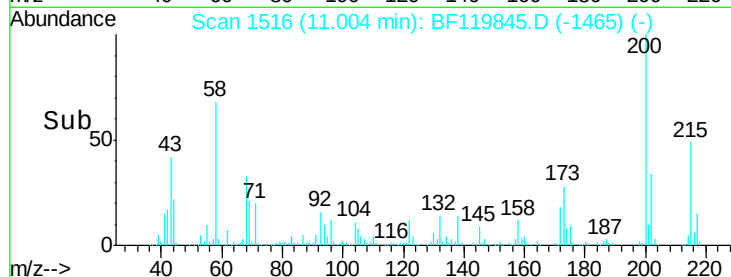
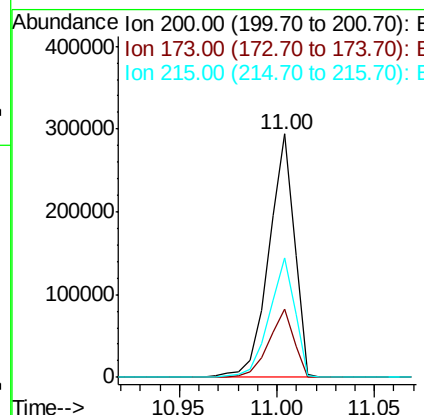
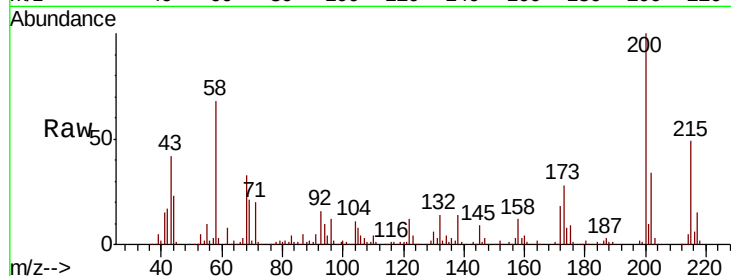
#69
Atrazine
Concen: 46.389 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	8.0	48.0
215	49.1	27.1	67.1

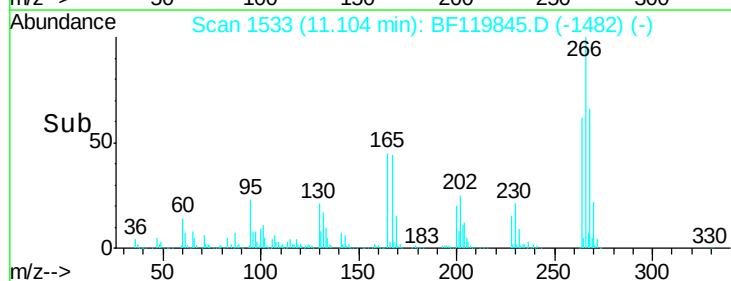
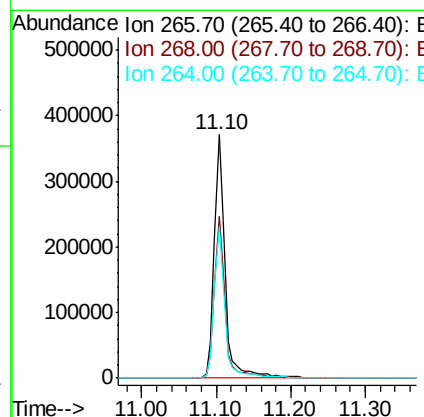
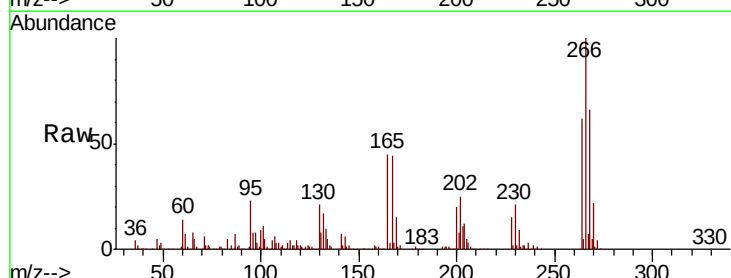
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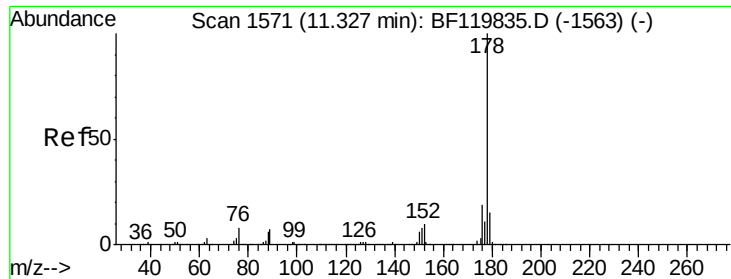
mohammad
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#70
Pentachlorophenol
Concen: 84.087 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.5	54.2	81.4
264	62.4	50.6	76.0





#71

Phenanthrene

Concen: 43.994 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

PB128073BS

Tot Ion:178 Resp: 1455799

Ion Ratio Lower Upper

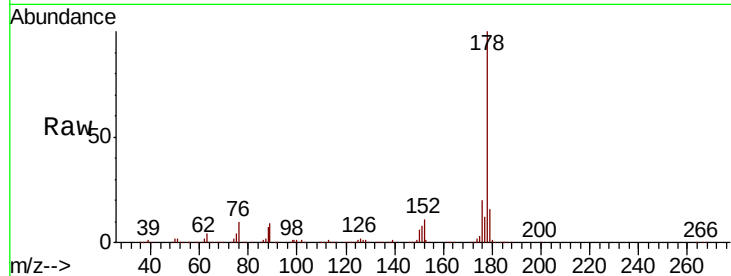
178 100

176 19.9 15.1 22.7

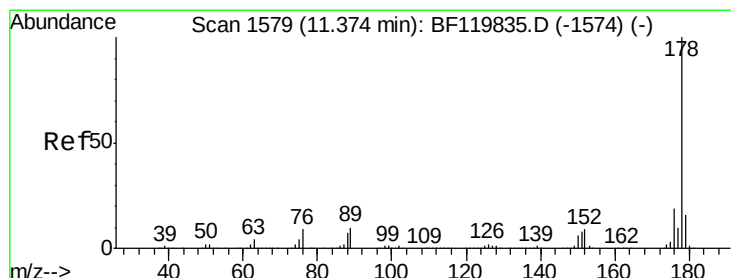
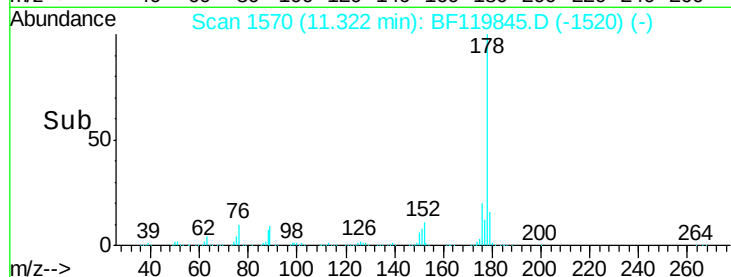
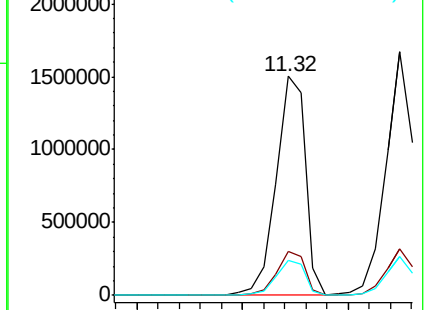
179 15.9 12.2 18.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.935 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:178 Resp: 1485175

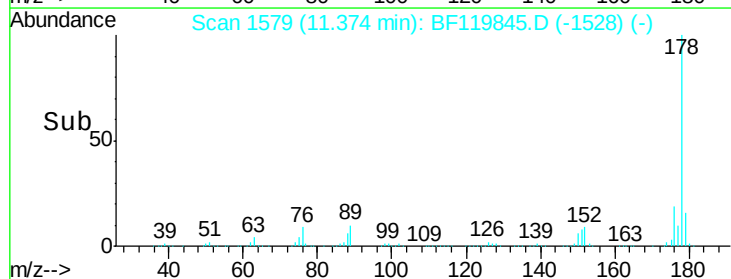
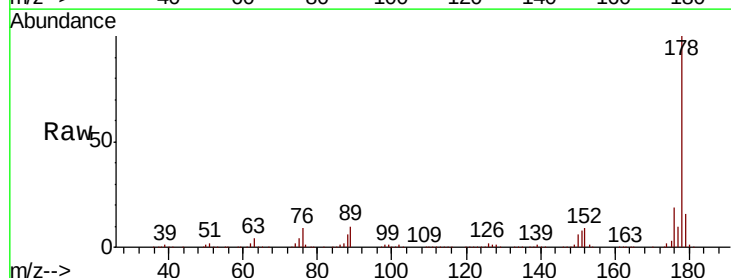
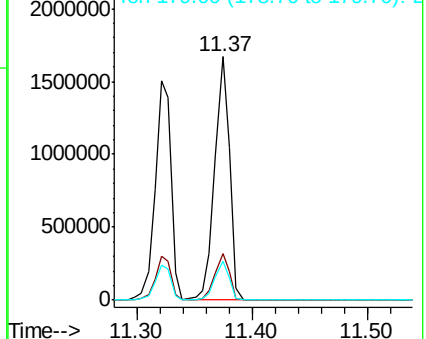
Ion Ratio Lower Upper

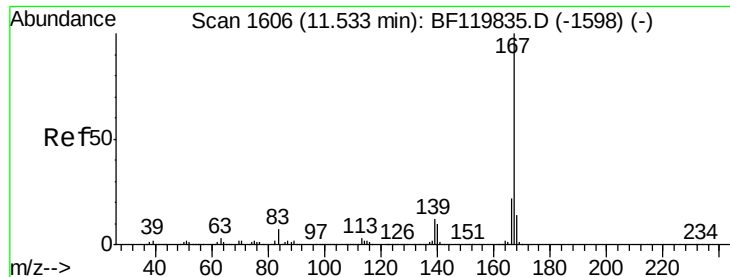
178 100

176 19.3 15.4 23.2

179 16.2 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





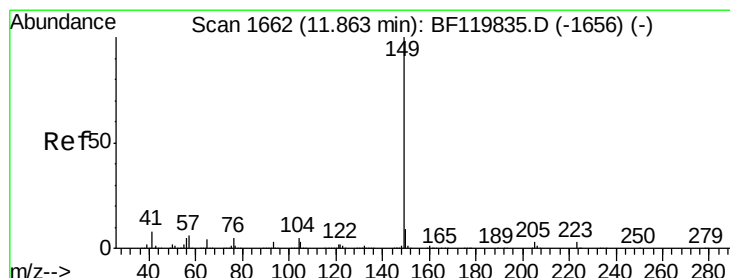
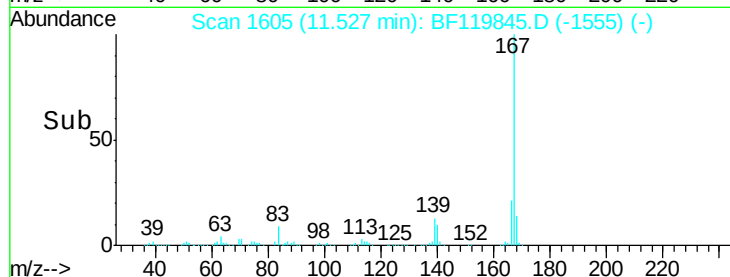
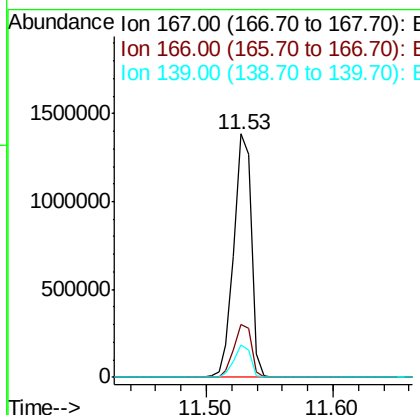
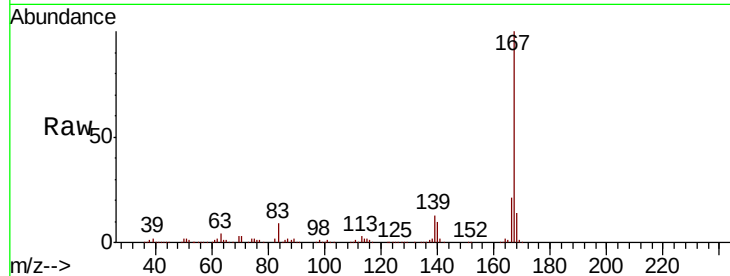
#73
 Carbazole
 Concen: 41.197 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion:167 Resp: 1316964
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.4 9.8 14.8

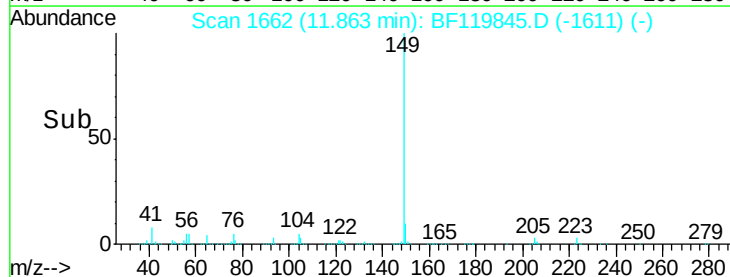
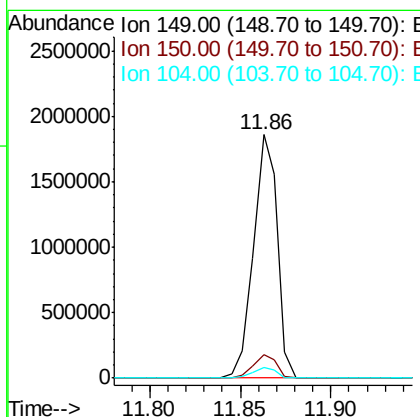
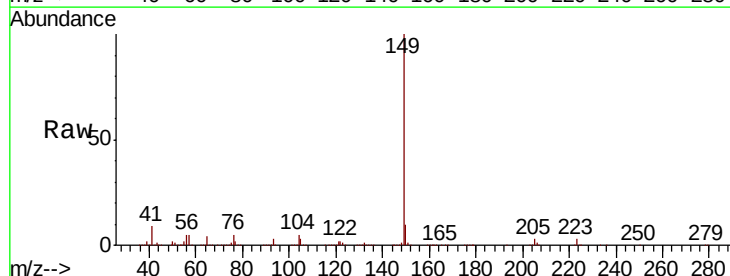
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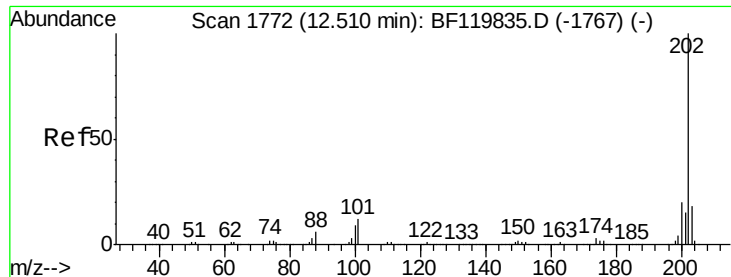
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.105 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion:149 Resp: 1685408
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 43.555 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

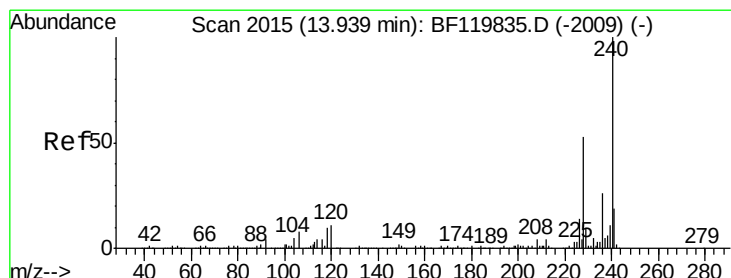
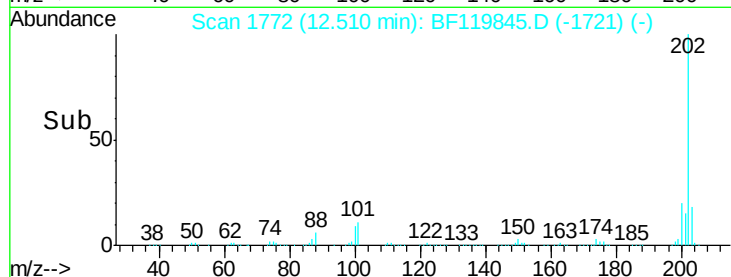
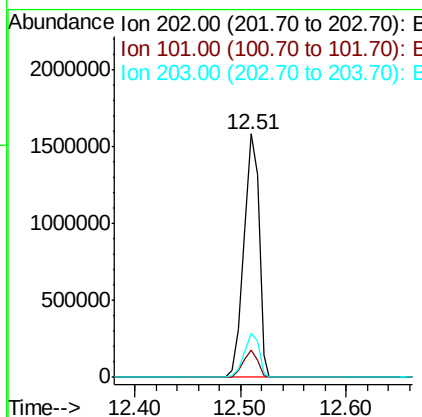
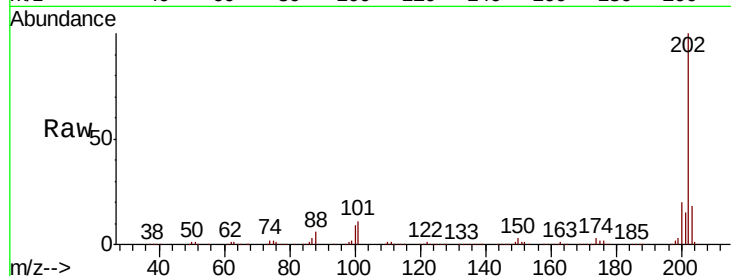
ClientSampleId :

PB128073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1555117		
101	11.2	0.0	32.3		
203	18.1	0.0	37.6		

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#76

Chrysene-d12

Concen: 20.000 ng

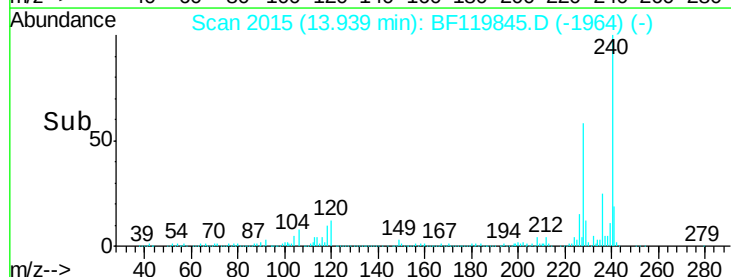
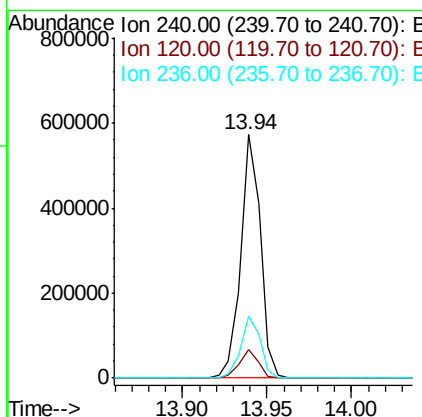
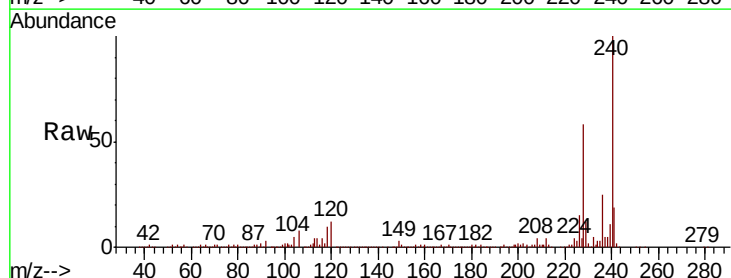
RT: 13.94 min Scan# 1515

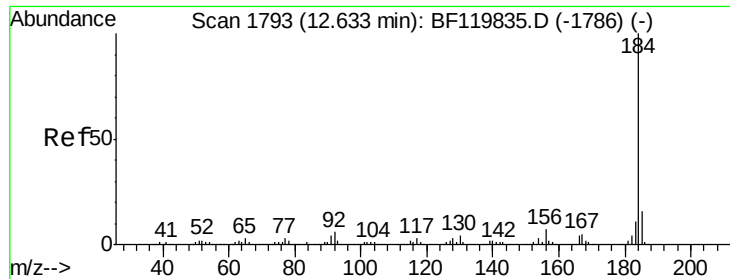
Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		464627		
120	11.6	9.0	13.6		
236	25.2	20.7	31.1		





#77

Benzidine

Concen: 40.036 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

PB128073BS

Tot Ion:184 Resp: 628798

Ion Ratio Lower Upper

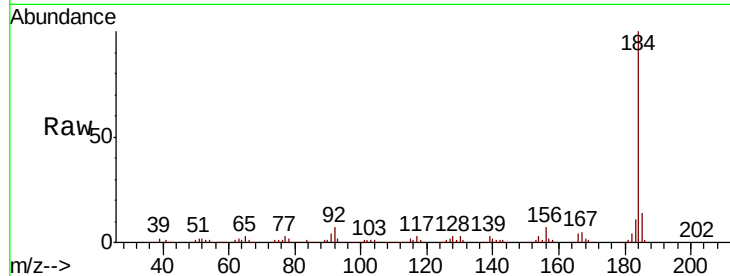
184 100

185 14.4 13.2 19.8

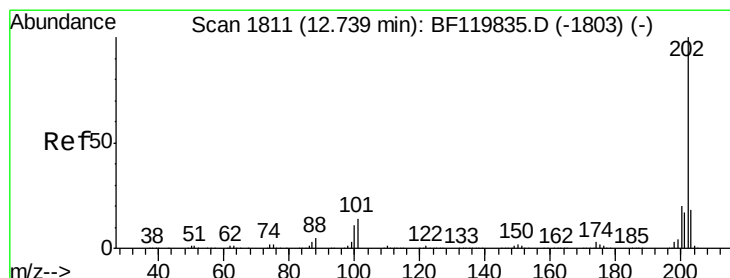
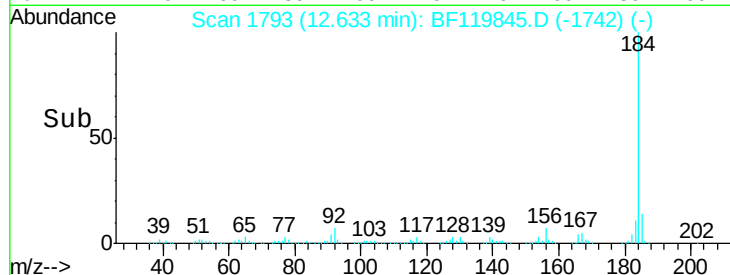
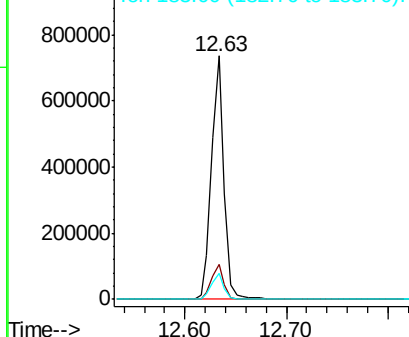
183 10.7 9.1 13.7

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Abundance Ion 184.00 (183.70 to 184.70): E
1000000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.922 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

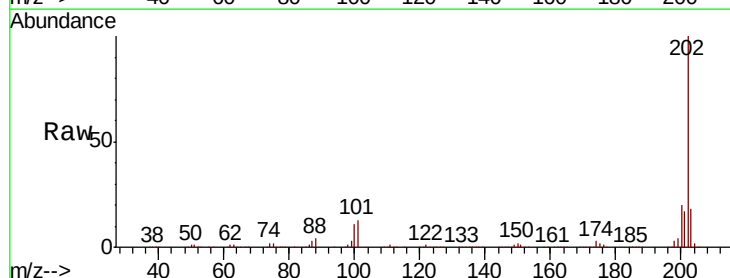
Tgt Ion:202 Resp: 1563686

Ion Ratio Lower Upper

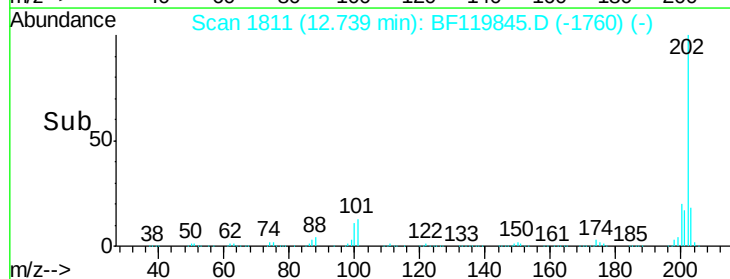
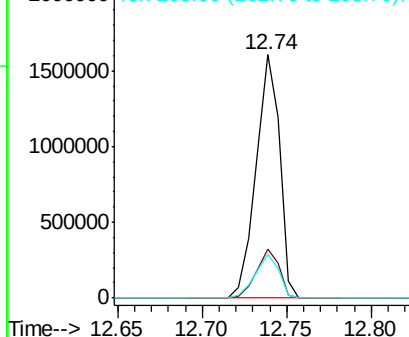
202 100

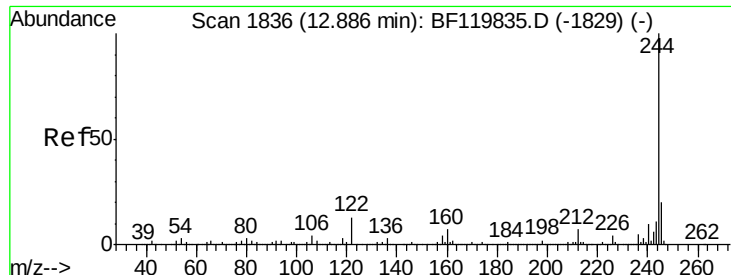
200 20.4 16.2 24.2

203 18.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





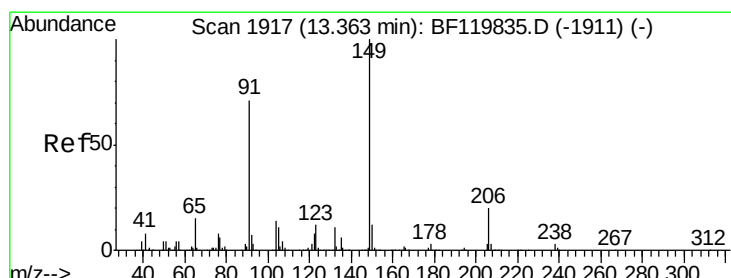
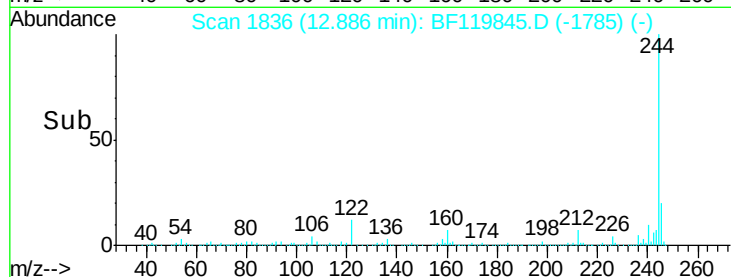
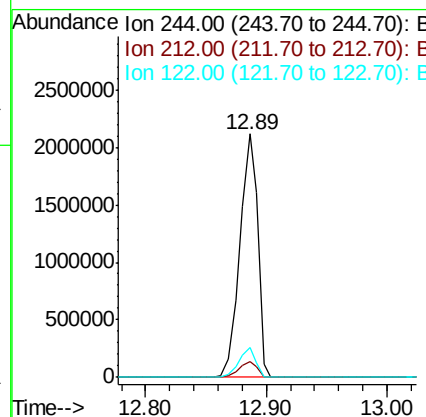
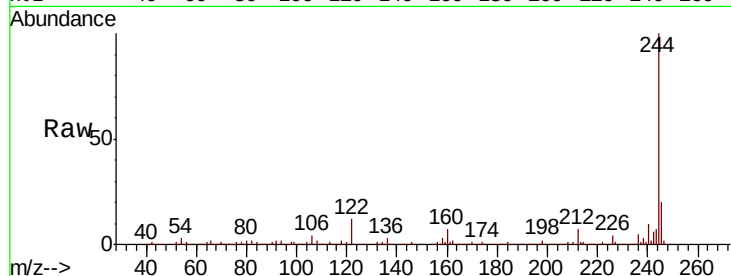
#79
 Terphenyl-d14
 Concen: 79.356 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.5	10.3	15.5

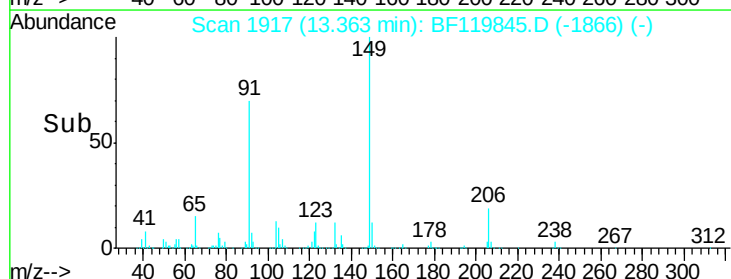
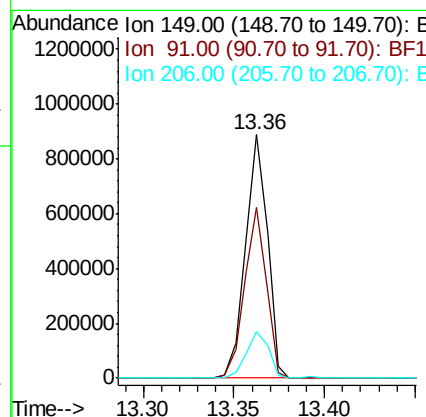
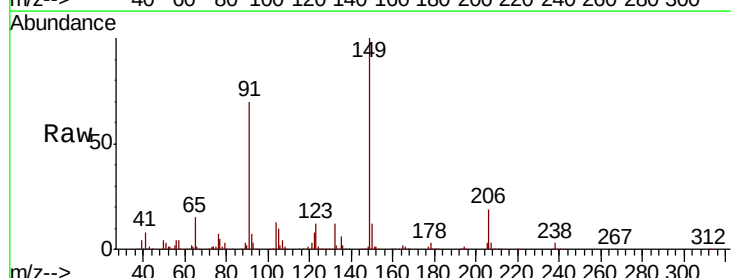
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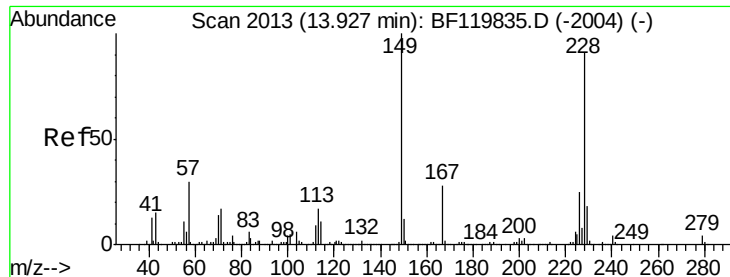
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.228 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.7	85.1
206	19.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 41.160 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

PB128073BS

Tot Ion:228 Resp: 1258104

Ion Ratio Lower Upper

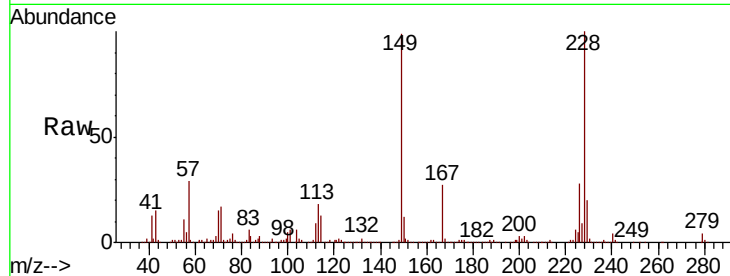
228 100

226 27.5 21.9 32.9

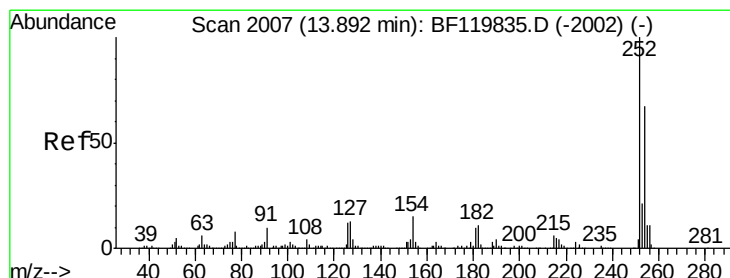
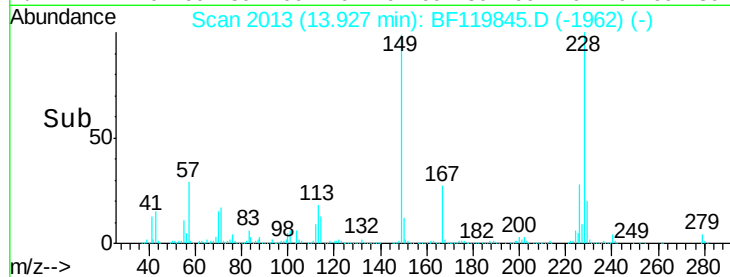
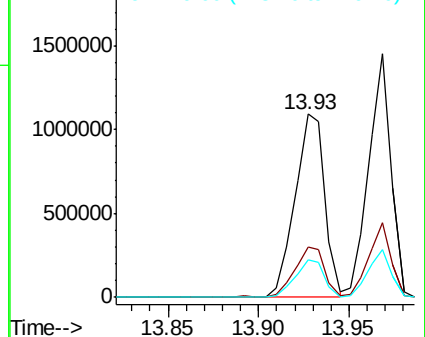
229 20.2 15.9 23.9

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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.314 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

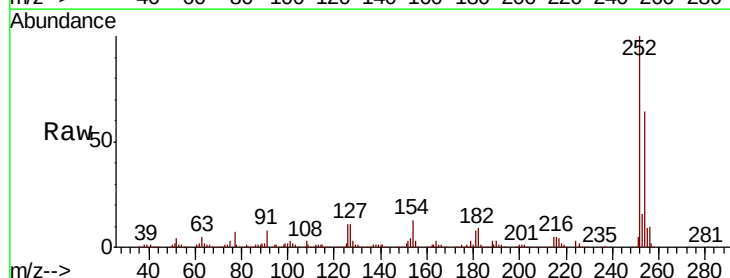
Tgt Ion:252 Resp: 345727

Ion Ratio Lower Upper

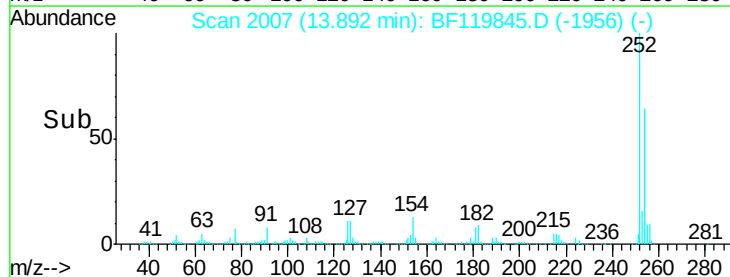
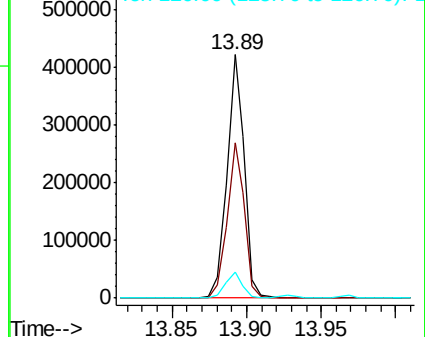
252 100

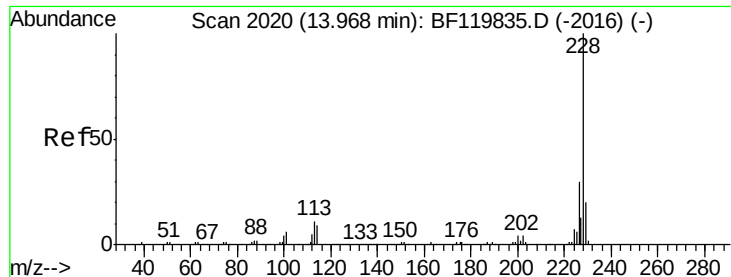
254 64.0 53.9 80.9

126 10.7 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
500000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





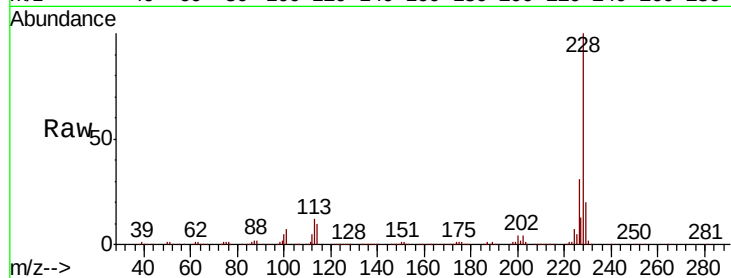
#83
Chrysene
Concen: 40.370 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.7	24.2	36.2	
229	19.7	15.9	23.9	

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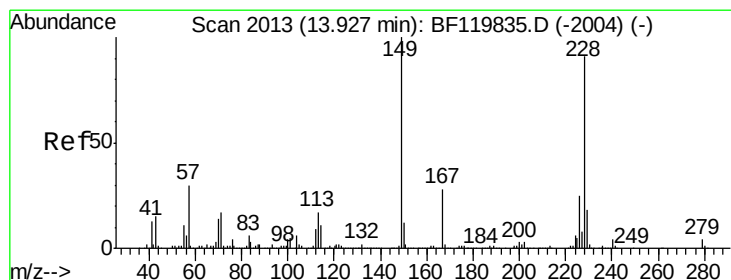
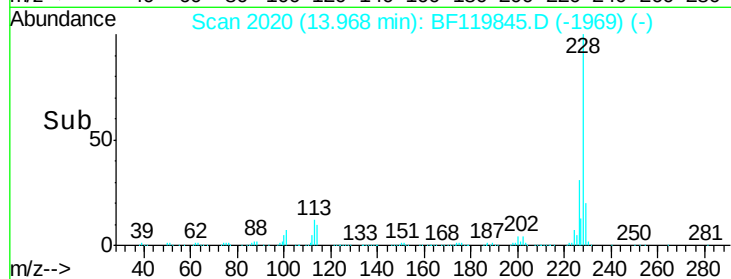
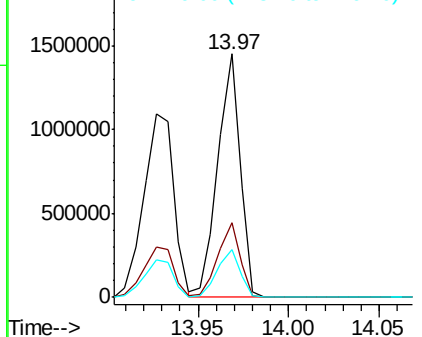


Abundance

Ion 228.00 (227.70 to 228.70): E

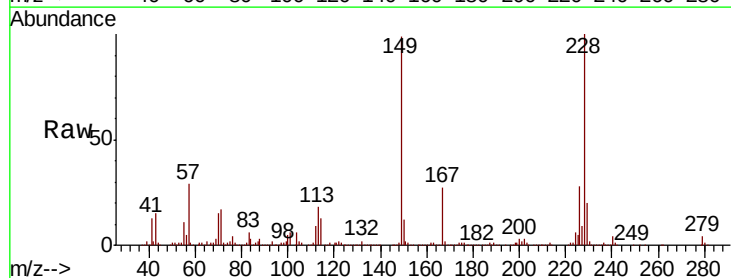
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.033 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.4	22.2	33.2	
279	4.1	3.4	5.0	

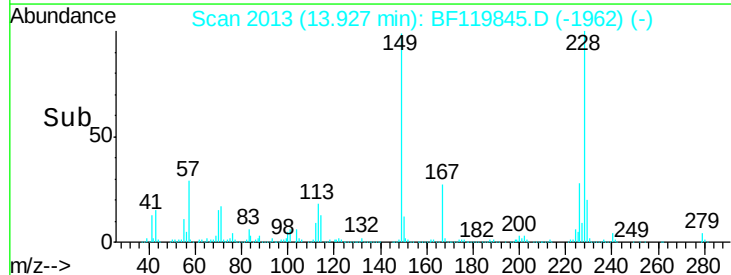
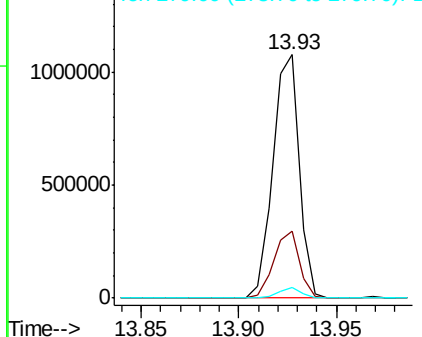


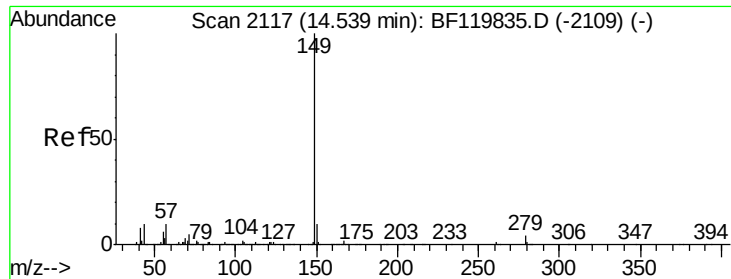
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





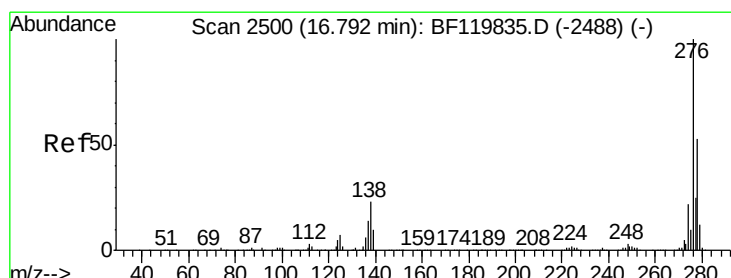
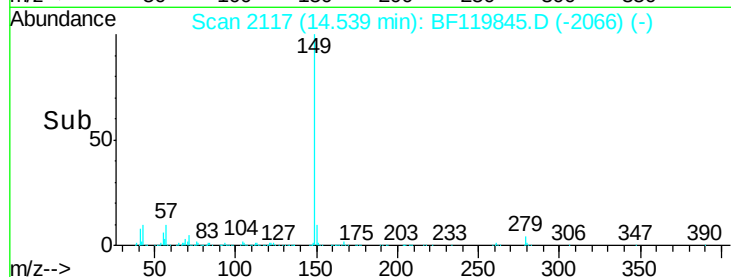
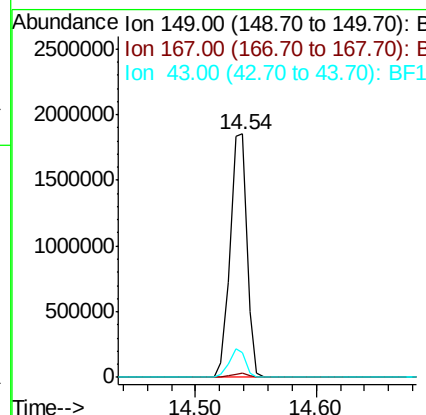
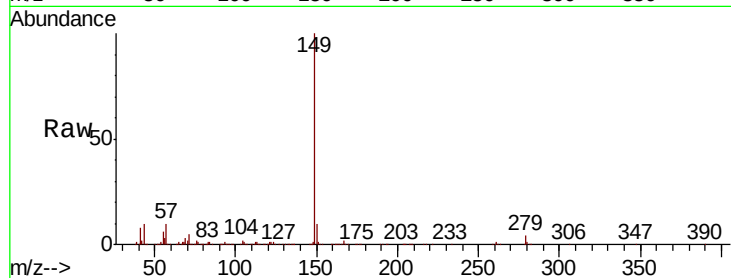
#85
Di-n-octyl phthalate
Concen: 40.943 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	9.2	13.8

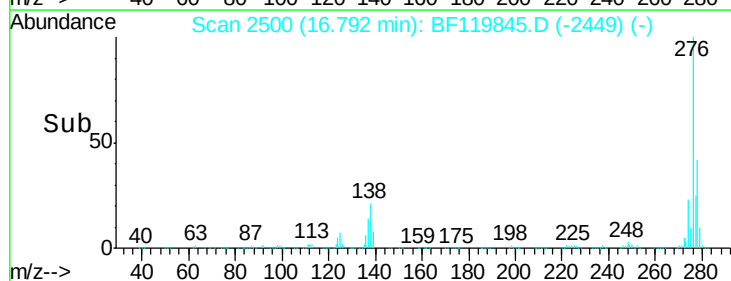
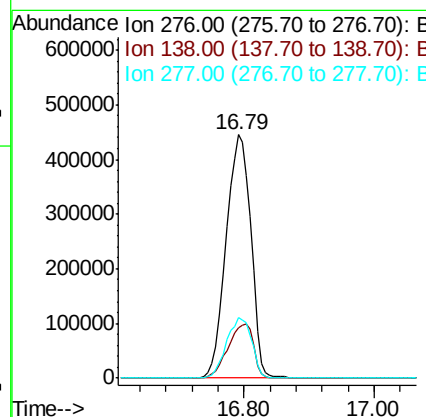
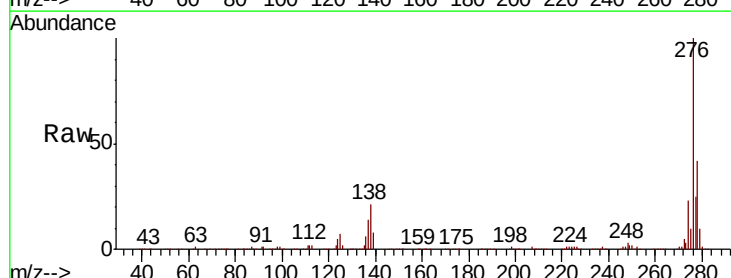
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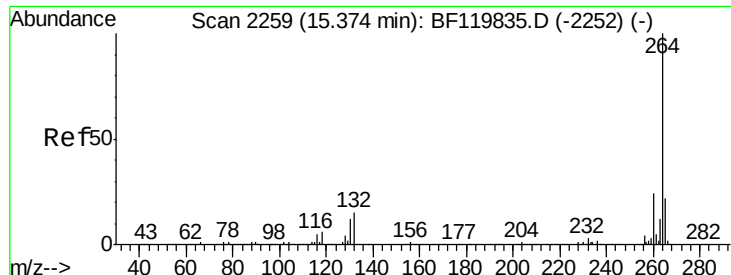
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.891 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.0	27.0
277	25.3	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

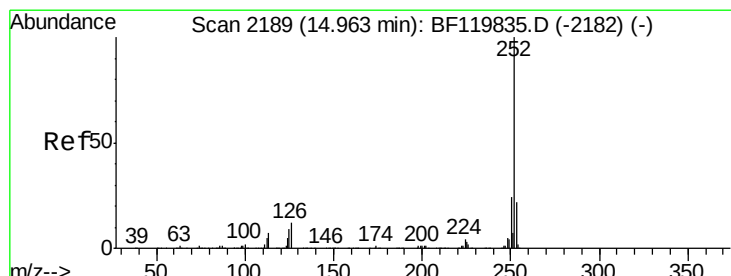
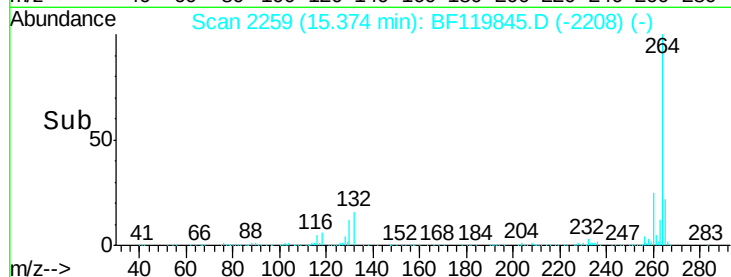
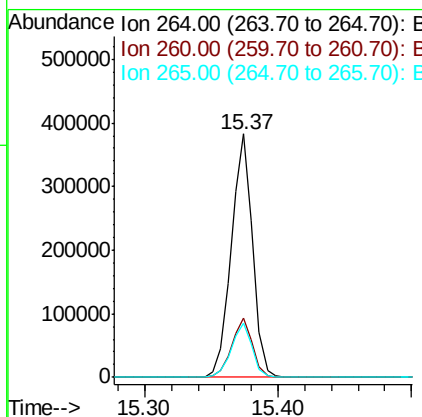
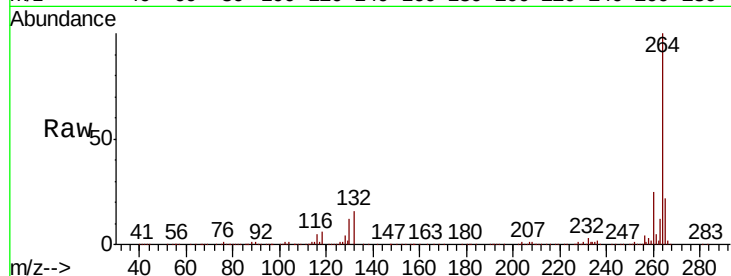
ClientSampled :

PB128073BS

Tot Ion:	264	Resp:	428529
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.3	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 48.657 ng

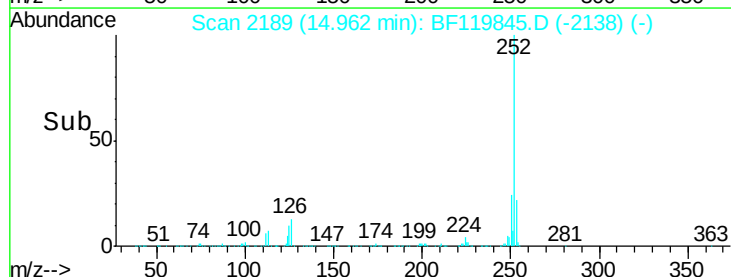
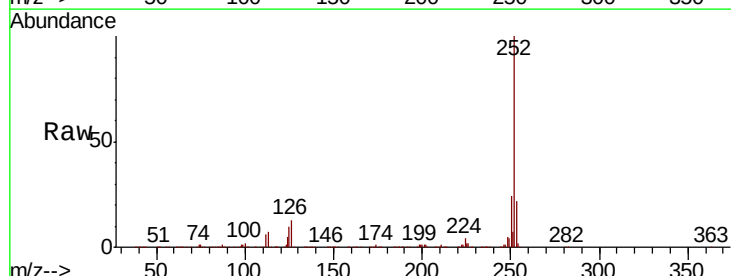
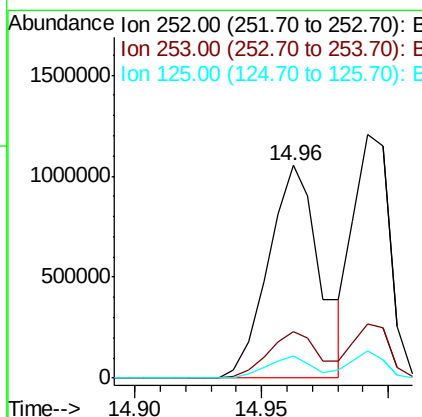
RT: 14.96 min Scan# 2189

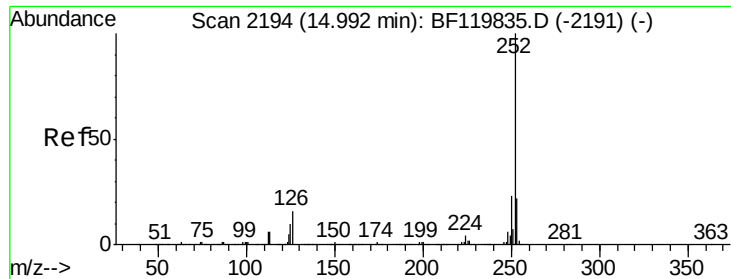
Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:	252	Resp:	1499974
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.4	7.4	11.2





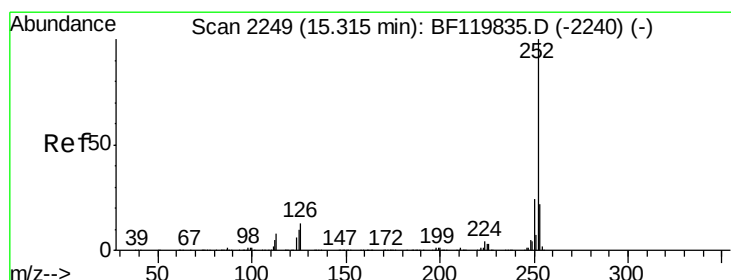
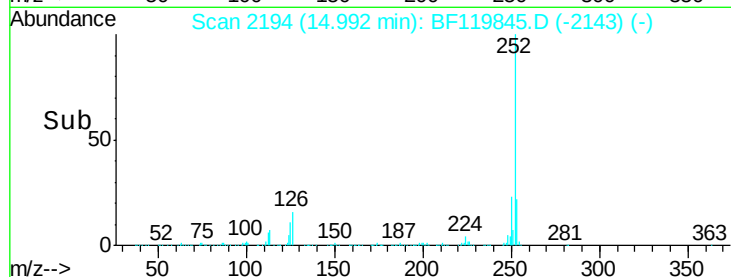
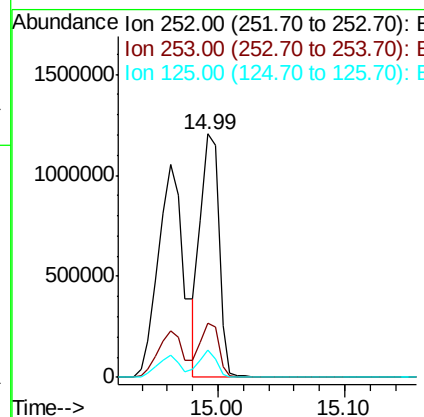
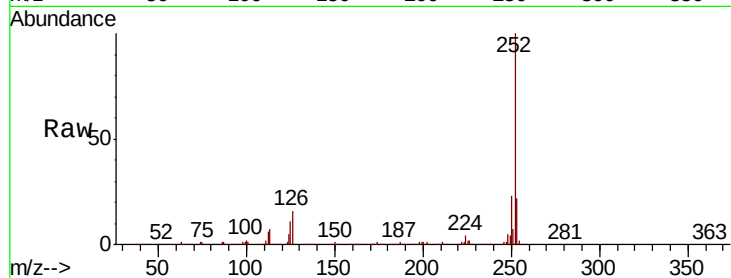
#89
Benzo(k)fluoranthene
Concen: 45.572 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.1	7.7	11.5

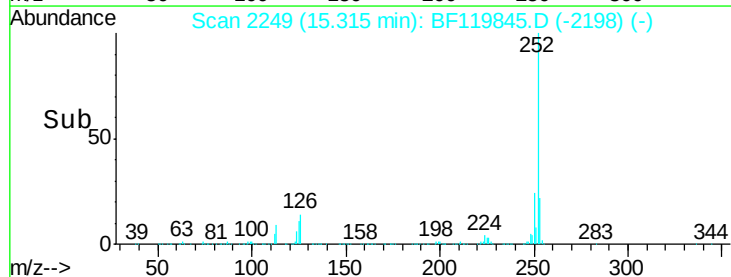
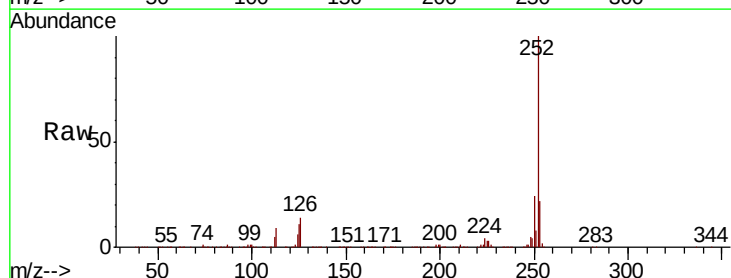
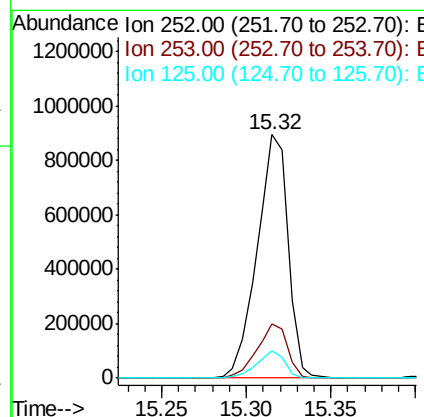
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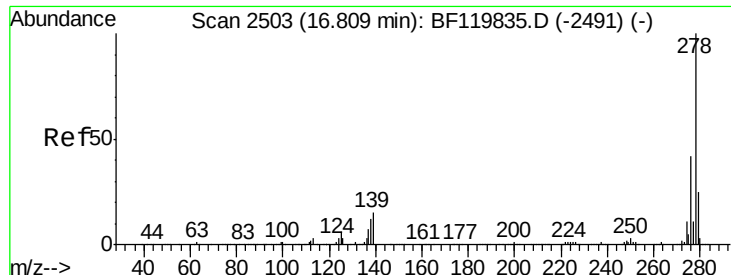
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#90
Benzo(a)pyrene
Concen: 44.052 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.3	8.3	12.5





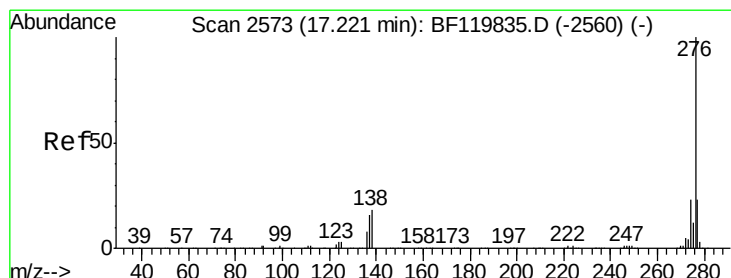
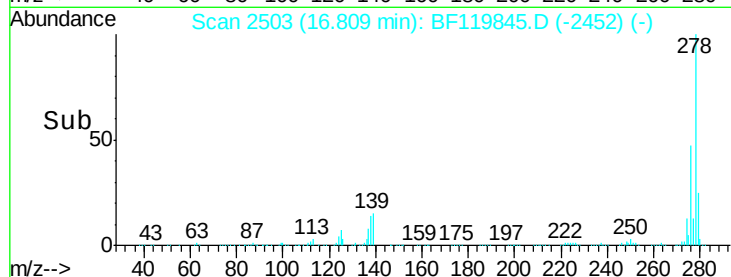
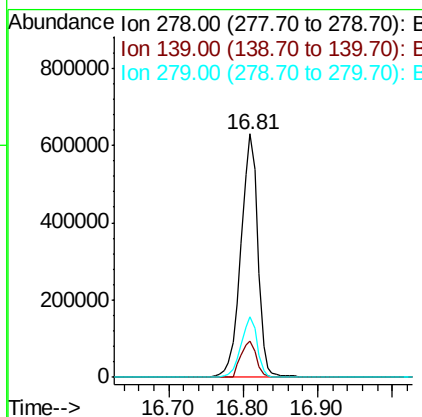
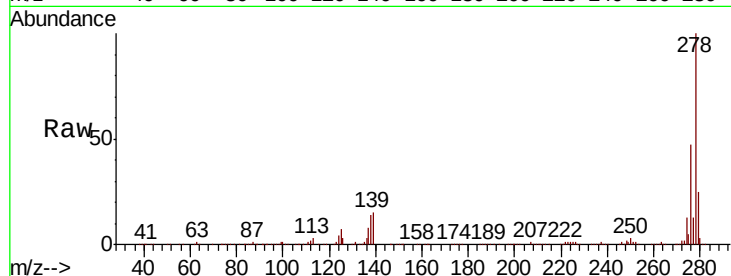
#91
Dibenzo(a,h)anthracene
Concen: 43.090 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :
PB128073BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.6	17.4
279	24.8	19.7	29.5

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#92
Benzo(g,h,i)perylene
Concen: 40.380 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	18.6	14.6	22.0

