

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119840.D
 Acq On : 8 Apr 2020 22:56
 Operator : MA/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Manual Integrations
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mohammad
 4/10/2020 9:57:11 AM

Quant Time: Apr 09 01:24:46 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	6.77	152	192298	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	681373	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	364468	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	698592	20.00	ng	0.00
76) Chrysene-d12	13.94	240	462794	20.00	ng	0.00
87) Perylene-d12	15.37	264	441483	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	830076	74.60	ng	0.00
7) Phenol-d6	6.40	99	1135721	79.21	ng	0.00
23) Nitrobenzene-d5	7.34	82	1028098	78.06	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	336622	75.44	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1896167	73.87	ng	0.00
79) Terphenyl-d14	12.89	244	2242621	81.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	190668	38.472	ng	99
3) Pyridine	3.16	79	444282	32.673	ng	97
4) n-Nitrosodimethylamine	3.12	42	274192	39.466	ng	99
6) Aniline	6.43	93	775317	41.199	ng	99
8) 2-Chlorophenol	6.56	128	511544	41.145	ng	100
9) Benzaldehyde	6.32	77	342167	48.946	ng	100
10) Phenol	6.42	94	666201	40.956	ng	99
11) bis(2-Chloroethyl)ether	6.51	93	503497	40.089	ng	99
12) 1,3-Dichlorobenzene	6.71	146	533234	39.176	ng	99
13) 1,4-Dichlorobenzene	6.79	146	540161	38.958	ng	99
14) 1,2-Dichlorobenzene	6.94	146	512524	40.110	ng	98
15) Benzyl Alcohol	6.92	79	454260	40.791	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	950815	38.904	ng	99
17) 2-Methylphenol	7.03	107	410910	37.035	ng	99
18) Hexachloroethane	7.29	117	206996	39.947	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	368237	39.939	ng	99
20) 3+4-Methylphenols	7.18	107	509617	37.556	ng	97
22) Acetophenone	7.19	105	735274	46.083	ng	98
24) Nitrobenzene	7.36	77	549547	41.477	ng	99
25) Isophorone	7.60	82	983435	38.734	ng	99
26) 2-Nitrophenol	7.67	139	265153	40.057	ng	92
27) 2,4-Dimethylphenol	7.71	122	408241	40.893	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	598266	40.044	ng	100
29) 2,4-Dichlorophenol	7.92	162	404172	39.497	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	439945	37.943	ng	99
31) Naphthalene	8.08	128	1397637	38.987	ng	99
32) Benzoic acid	7.85	122	346571m	39.528	ng	
33) 4-Chloroaniline	8.13	127	579886	37.157	ng	99
34) Hexachlorobutadiene	8.20	225	259643	37.408	ng	99
35) Caprolactam	8.51	113	125598	40.124	ng	# 86
36) 4-Chloro-3-methylphenol	8.61	107	435998	39.354	ng	99
37) 2-Methylnaphthalene	8.77	142	961000	39.540	ng	99
38) 1-Methylnaphthalene	8.87	142	879423	38.389	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	460817	40.031	ng	100

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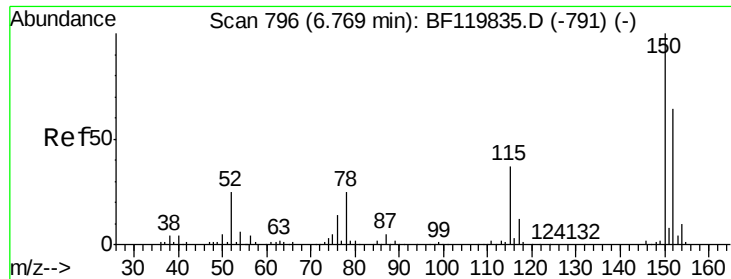
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	264187	40.359	nq	96
43) 2,4,6-Trichlorophenol	9.05	196	306134	38.511	nq	98
44) 2,4,5-Trichlorophenol	9.09	196	316194	35.317	nq	98
46) 1,1'-Biphenyl	9.24	154	1219046	39.627	nq	99
47) 2-Chloronaphthalene	9.26	162	894395	37.741	nq	98
48) 2-Nitroaniline	9.36	65	318476	37.084	nq	99
49) Acenaphthylene	9.67	152	1431646	39.723	nq	100
50) Dimethylphthalate	9.55	163	1060937	37.634	nq	99
51) 2,6-Dinitrotoluene	9.60	165	236286	38.275	nq #	83
52) Acenaphthene	9.85	154	958639m	39.874	nq	
53) 3-Nitroaniline	9.77	138	260970	37.014	nq	97
54) 2,4-Dinitrophenol	9.87	184	140965	38.140	nq	94
55) Dibenzofuran	10.02	168	1332701	40.396	nq	99
56) 4-Nitrophenol	9.93	139	213640	40.724	nq	98
57) 2,4-Dinitrotoluene	10.00	165	329403	40.500	nq	98
58) Fluorene	10.36	166	1062866	40.284	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	293317	42.836	nq	98
60) Diethylphthalate	10.24	149	1197349	40.980	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	507351	37.518	nq	99
62) 4-Nitroaniline	10.39	138	291160	43.332	nq	99
63) Azobenzene	10.52	77	1101523	42.067	nq	100
65) 4,6-Dinitro-2-methylphenol	10.42	198	191802	41.674	nq	93
66) n-Nitrosodiphenylamine	10.47	169	964738	41.524	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	316602	36.443	nq	98
68) Hexachlorobenzene	10.91	284	336150	38.141	nq	97
69) Atrazine	11.00	200	270488	41.844	nq	97
70) Pentachlorophenol	11.10	266	199362	39.253	nq	98
71) Phenanthrene	11.33	178	1494971	40.209	nq	99
72) Anthracene	11.38	178	1552834	40.884	nq	100
73) Carbazole	11.53	167	1452998	40.453	nq	100
74) Di-n-butylphthalate	11.87	149	1803926	38.205	nq	99
75) Fluoranthene	12.52	202	1668934	41.602	nq	97
77) Benzidine	12.63	184	611716	39.103	nq	99
78) Pyrene	12.74	202	1679735	43.054	nq	99
80) Butylbenzylphthalate	13.36	149	772787	40.821	nq	100
81) Benzo(a)anthracene	13.93	228	1217090	39.976	nq	100
82) 3,3'-Dichlorobenzidine	13.90	252	464540	40.893	nq	98
83) Chrysene	13.97	228	1224893	39.595	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	1030038	40.178	nq	99
85) Di-n-octyl phthalate	14.54	149	1793580	41.089	nq	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1080765	39.633	nq	99
88) Benzo(b)fluoranthene	14.96	252	1225592	38.590	nq	99
89) Benzo(k)fluoranthene	15.00	252	1081835	39.480	nq	98
90) Benzo(a)pyrene	15.32	252	1153344	43.191	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	893627	37.780	nq	99
92) Benzo(g,h,i)perylene	17.23	276	869224	37.229	nq	100

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



#1

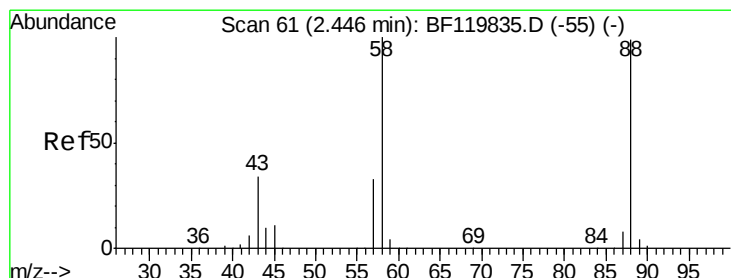
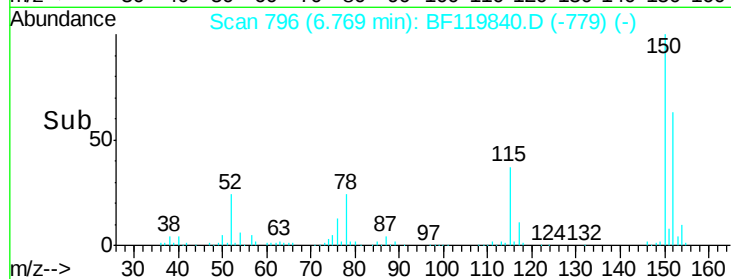
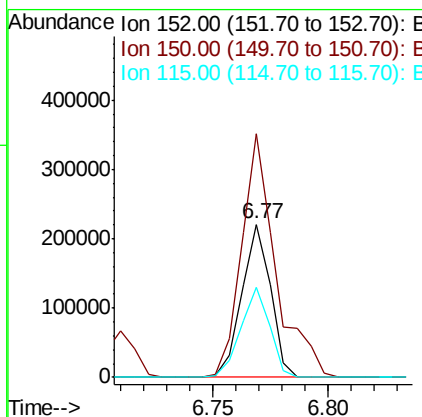
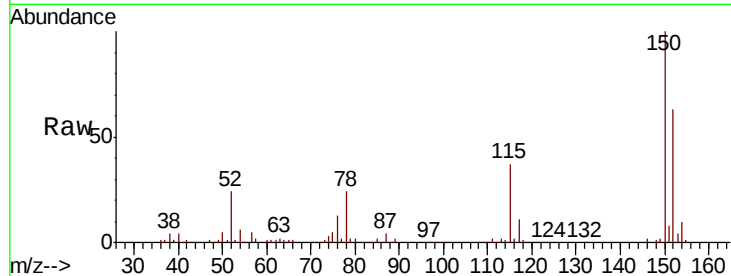
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.8	187.2
115	58.9	46.5	69.7

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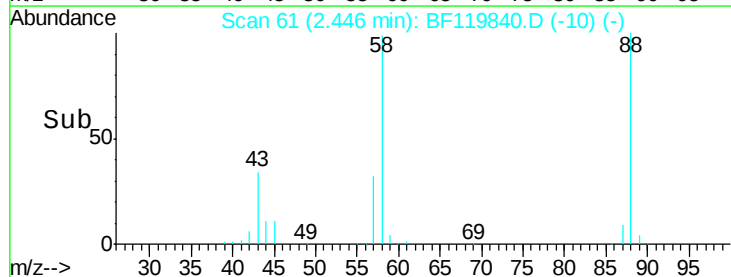
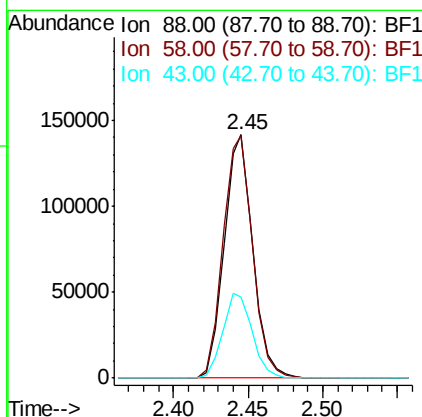
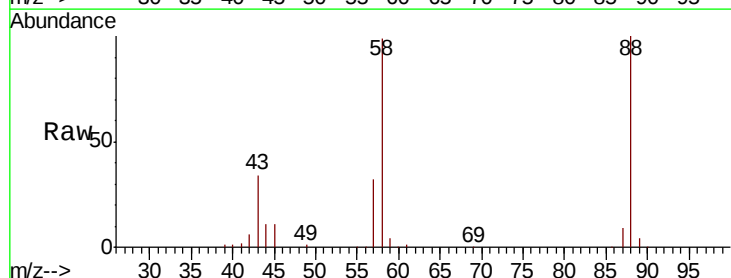
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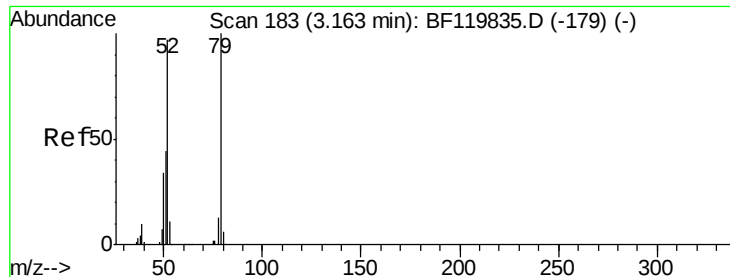


#2

1,4-Dioxane
Concen: 38.472 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	82.6	123.8
43	35.8	28.6	42.8





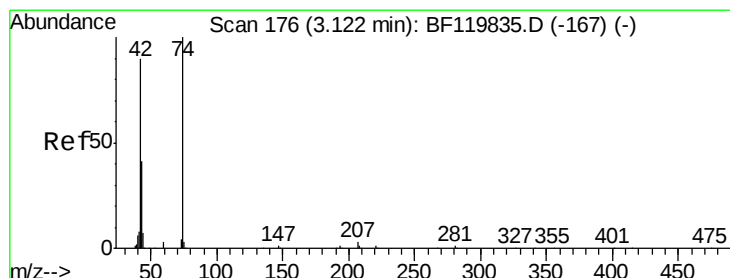
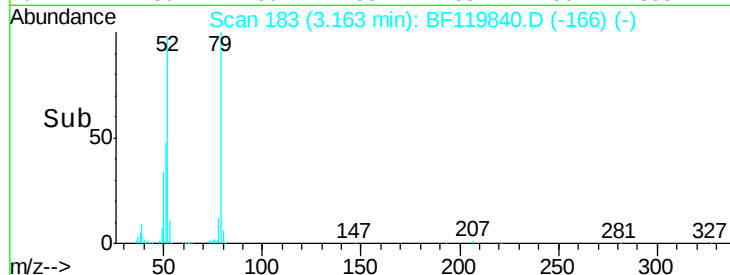
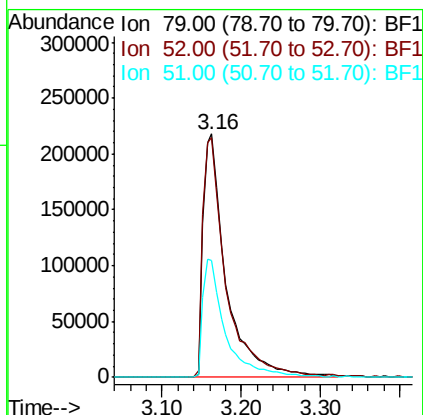
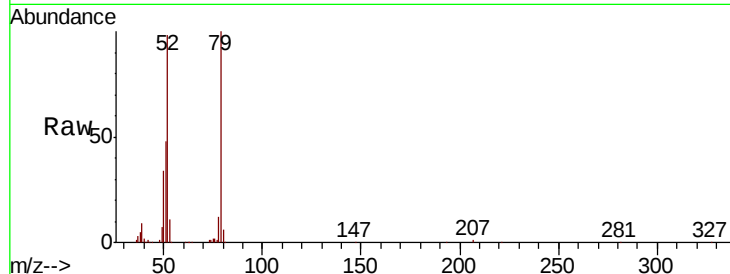
#3
 Pvridine
 Concen: 32.673 ng
 RT: 3.16 min Scan# 183
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	98.3	77.4	116.0
51	51	47.8	35.3	52.9

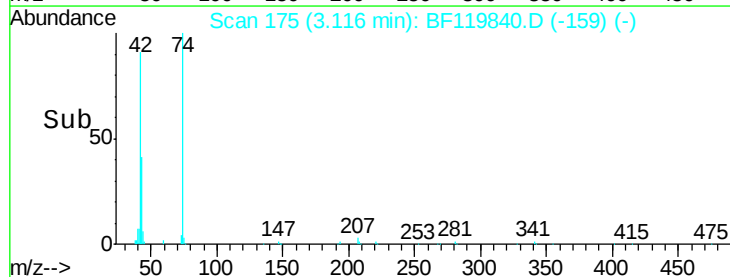
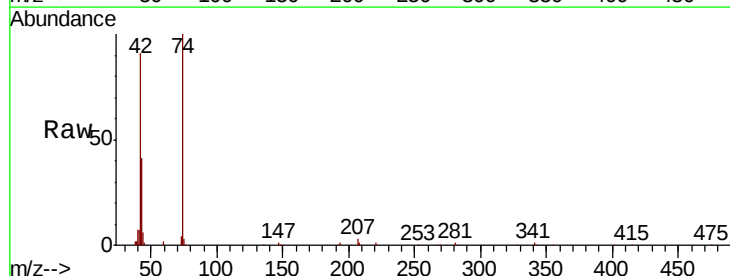
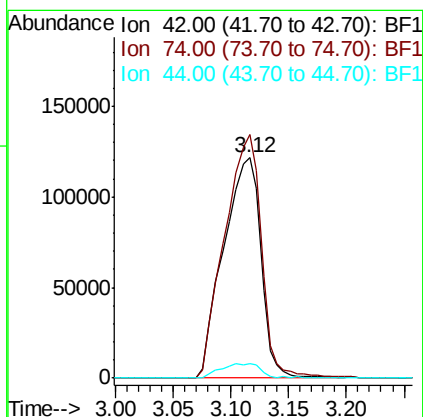
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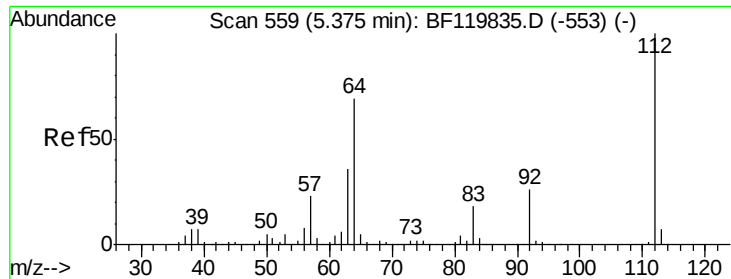
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#4
 n-Nitrosodimethylamine
 Concen: 39.466 ng
 RT: 3.12 min Scan# 175
 Delta R.T. -0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	110.5	89.0	133.4
44	44	6.7	6.2	9.4





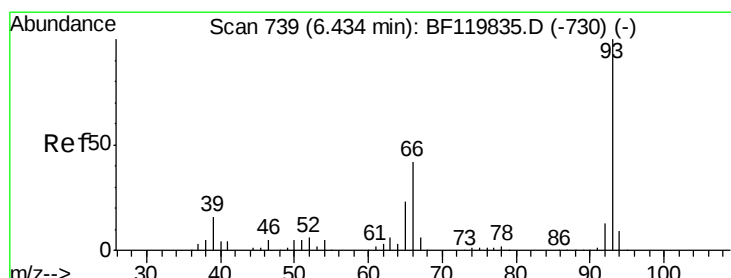
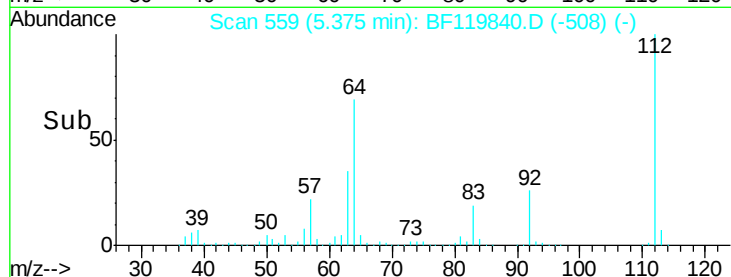
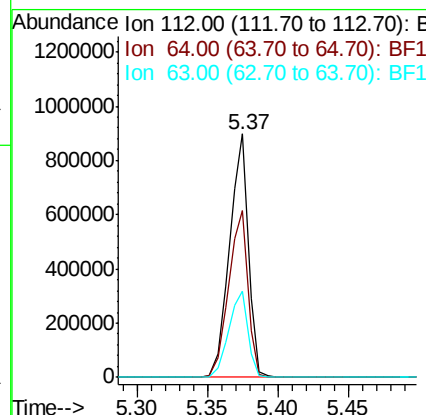
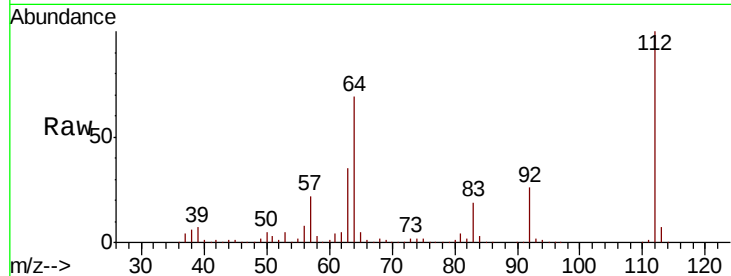
#5
2-Fluorophenol
Concen: 74.599 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion:	112	Resp:	830076
Ion Ratio	Lower	Upper	
112	100		
64	68.7	55.5	83.3
63	35.1	29.1	43.7

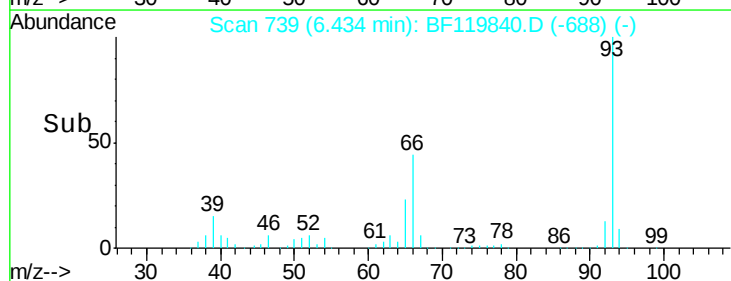
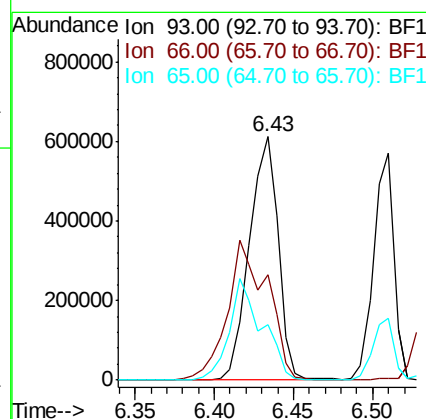
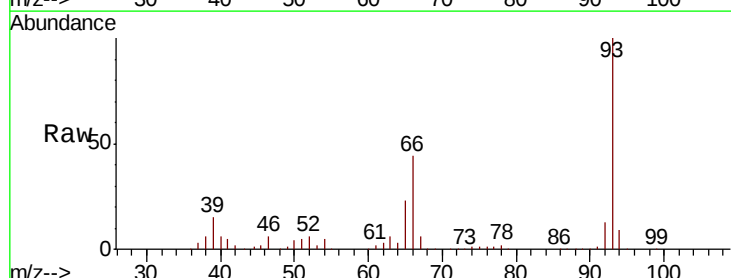
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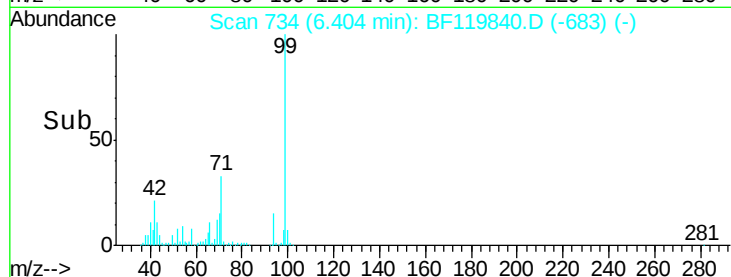
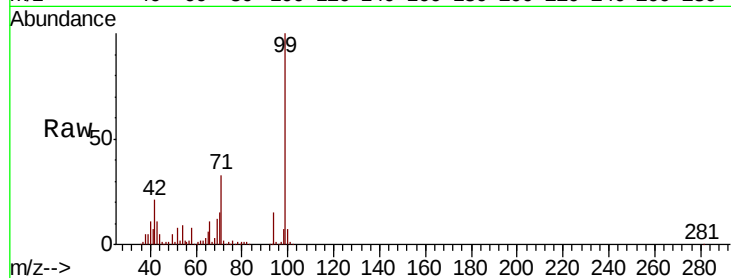
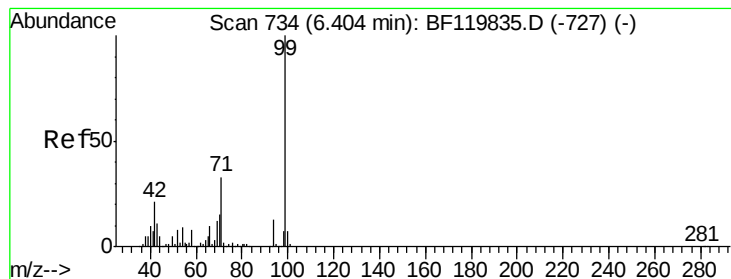
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#6
Aniline
Concen: 41.199 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	93	Resp:	775317
Ion Ratio	Lower	Upper	
93	100		
66	43.5	34.2	51.2
65	23.0	18.3	27.5





#7

Phenol-d6

Concen: 79.211 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Tot Ion: 99 Resp: 1135721

Ion Ratio Lower Upper

99 100

42 20.9 16.9 25.3

71 32.7 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

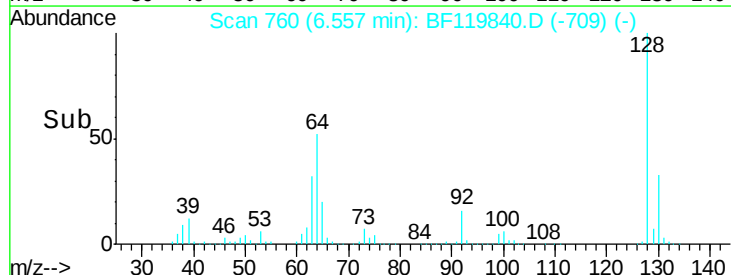
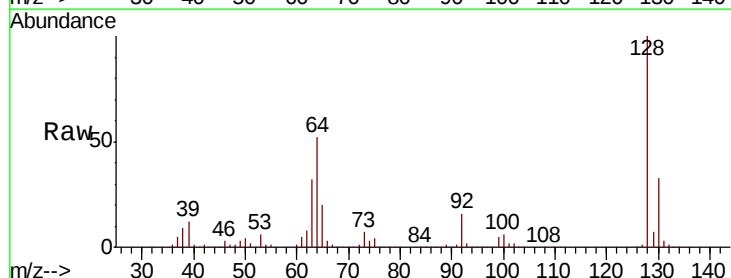
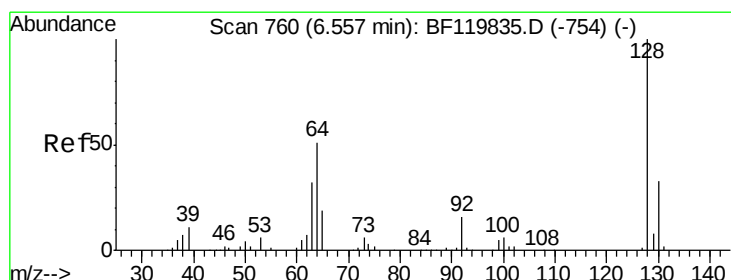
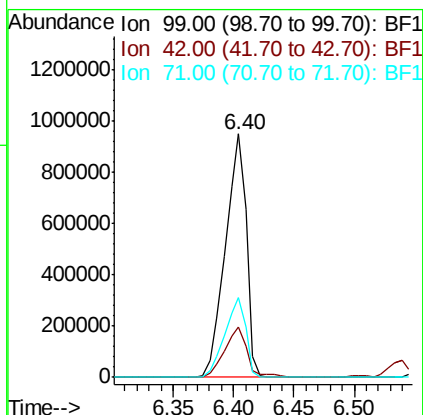
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#8

2-Chlorophenol

Concen: 41.145 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

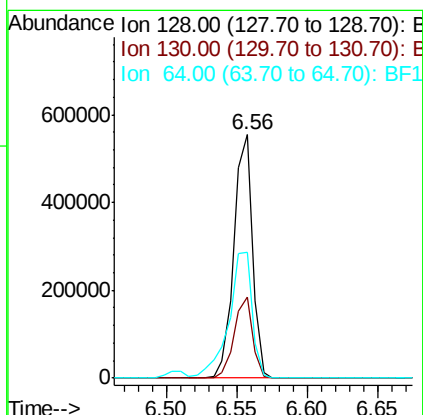
Tgt Ion: 128 Resp: 511544

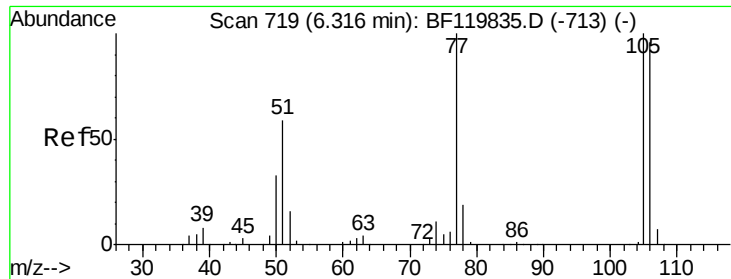
Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

64 51.9 32.0 72.0





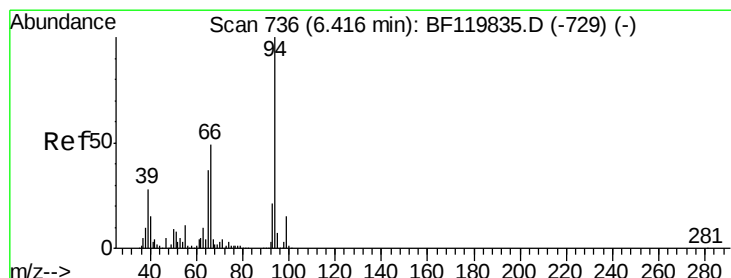
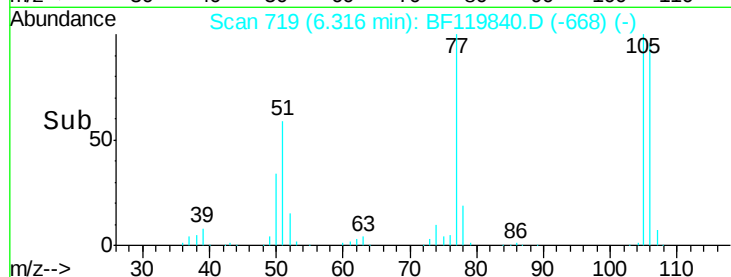
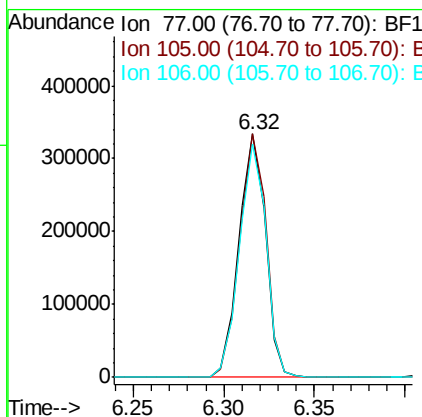
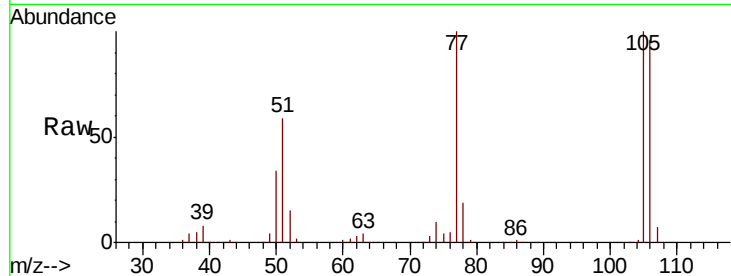
#9
Benzaldehyde
Concen: 48.946 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	79.9	119.9
106	95.8	76.4	116.4

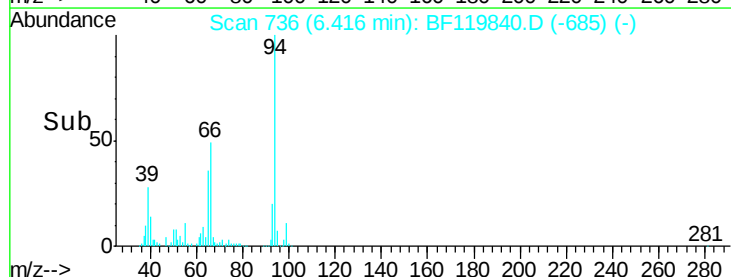
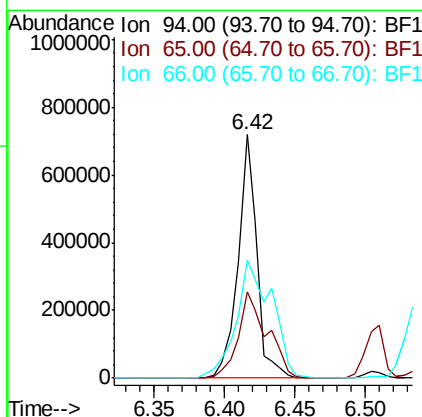
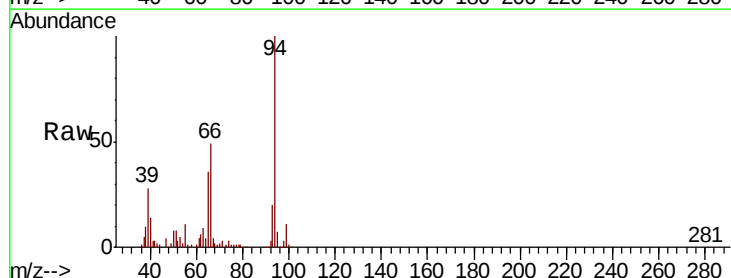
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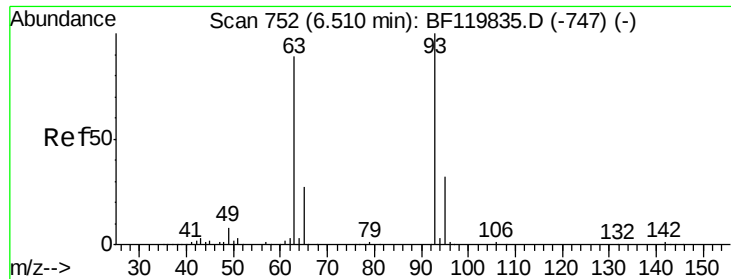
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#10
Phenol
Concen: 40.956 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	16.6	56.6
66	48.8	29.3	69.3





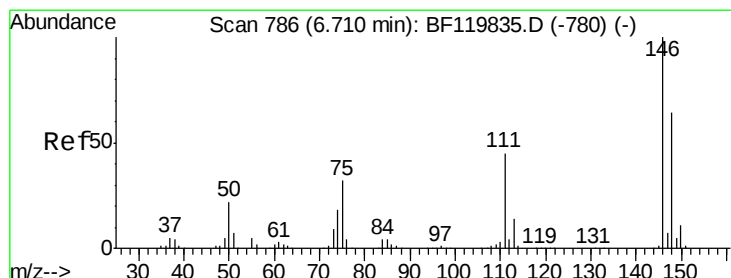
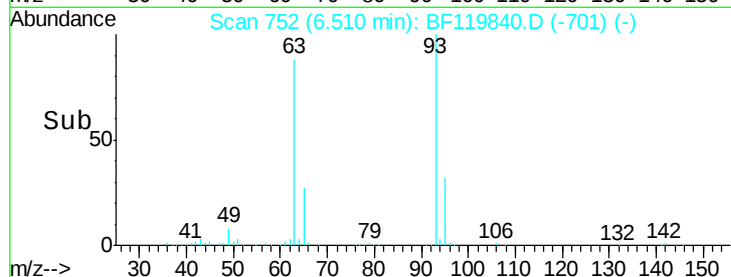
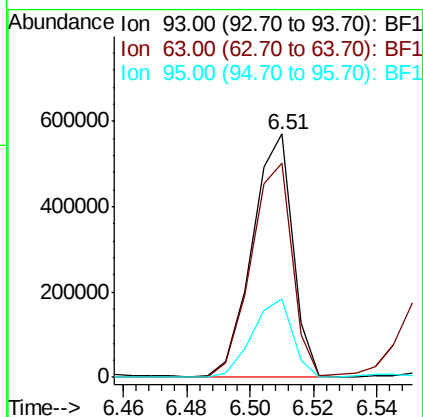
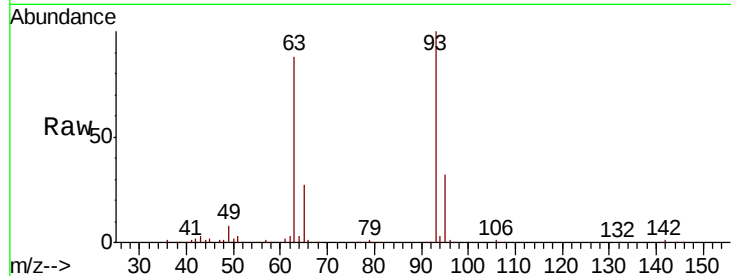
#11
bis(2-Chloroethyl)ether
Concen: 40.089 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion:	93	Resp:	503497
Ion Ratio	Lower	Upper	
93	100		
63	88.2	69.1	109.1
95	32.3	12.3	52.3

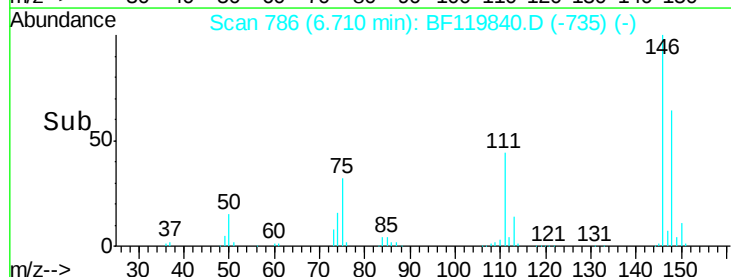
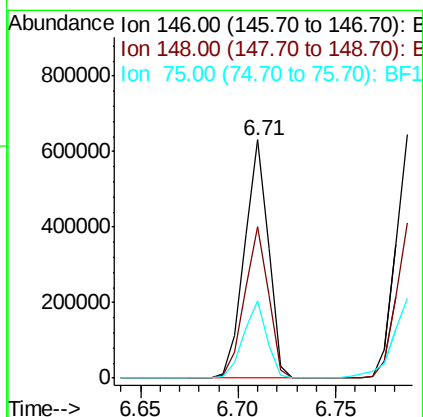
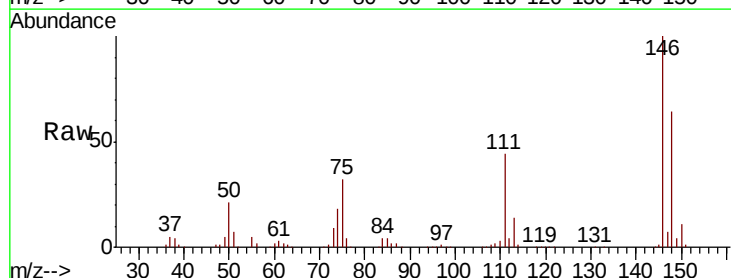
Manual Integrations
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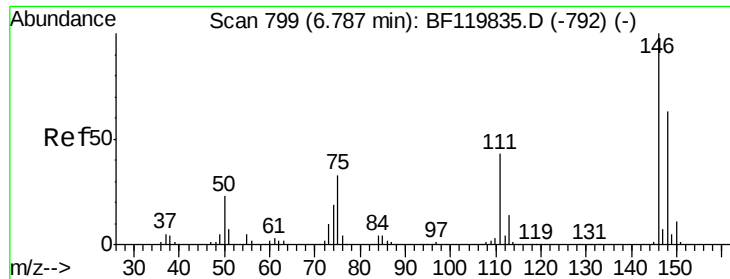
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#12
1,3-Dichlorobenzene
Concen: 39.176 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	146	Resp:	533234
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.3	76.9
75	32.5	25.3	37.9





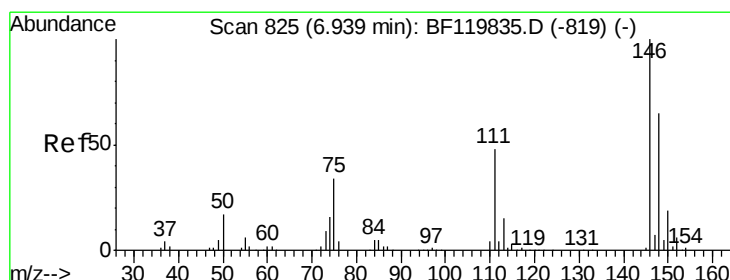
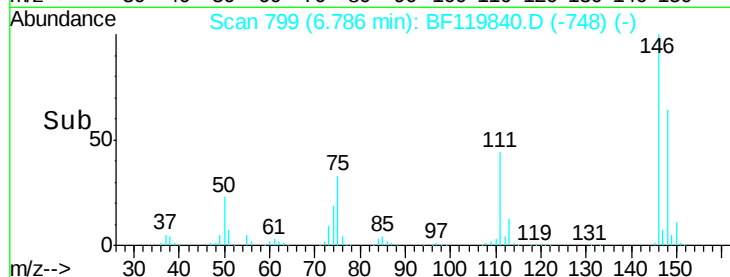
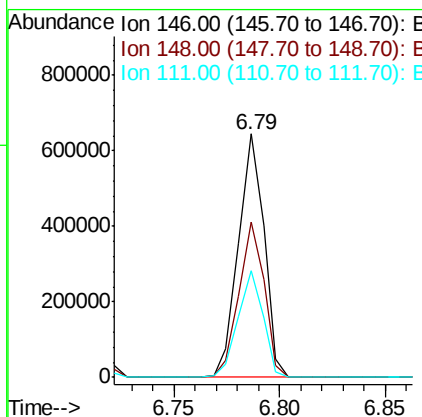
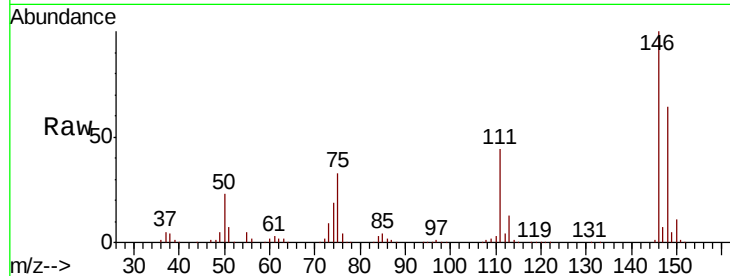
#13
 1,4-Dichlorobenzene
 Concen: 38.958 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	43.8	34.7	52.1

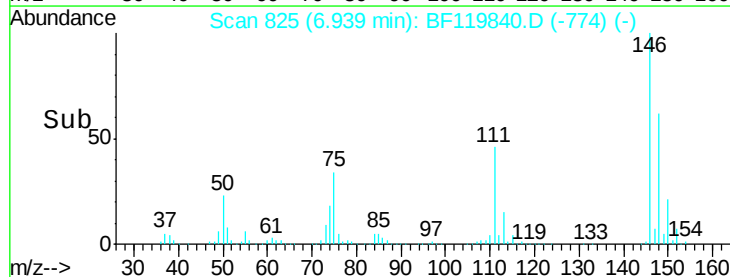
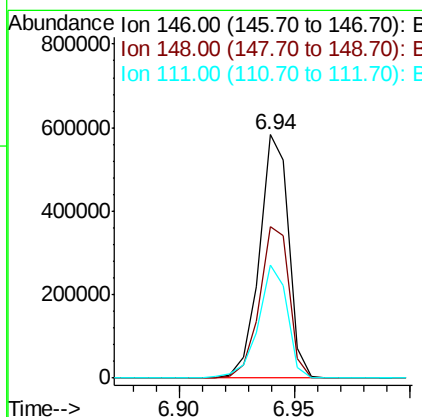
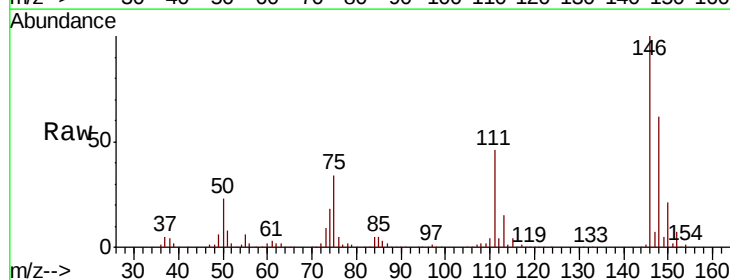
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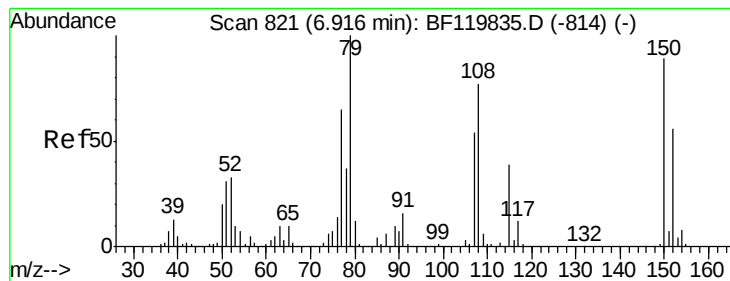
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.110 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.8
111	46.3	38.0	57.0





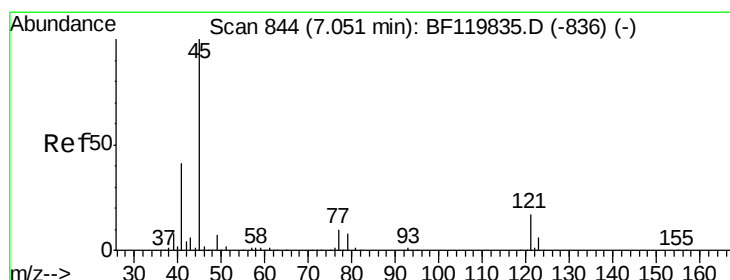
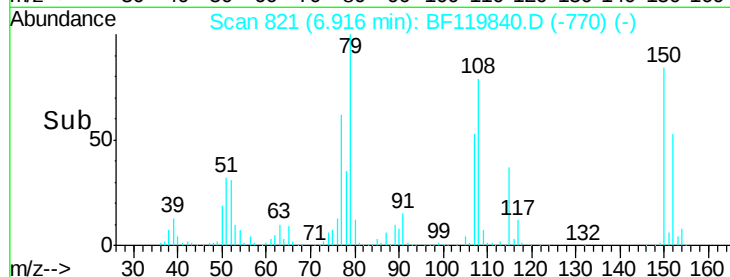
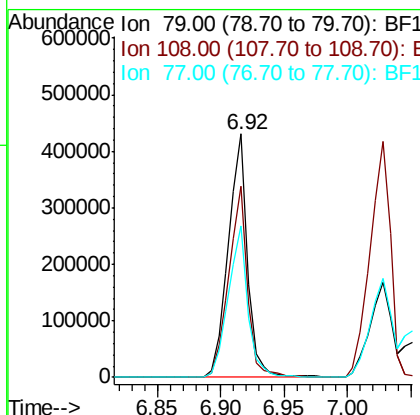
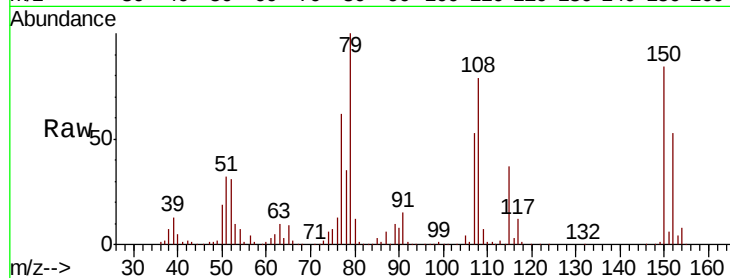
#15
Benzyl Alcohol
Concen: 40.791 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	62.0	93.0
77	62.2	51.8	77.6

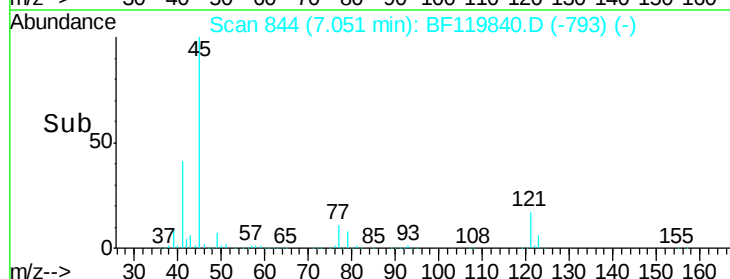
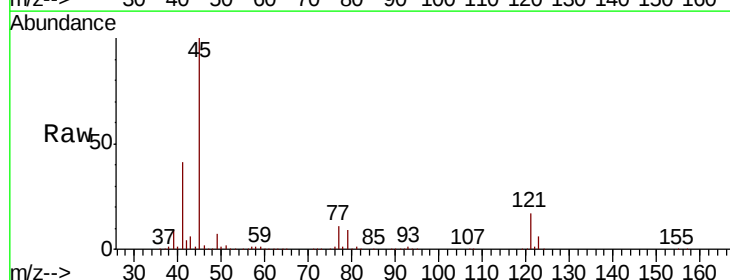
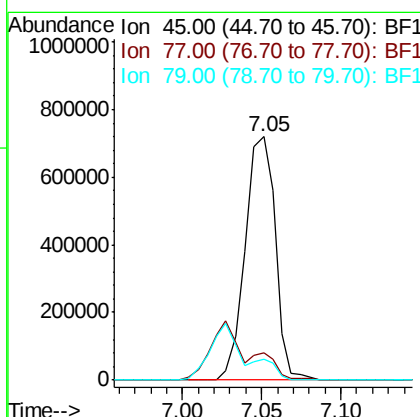
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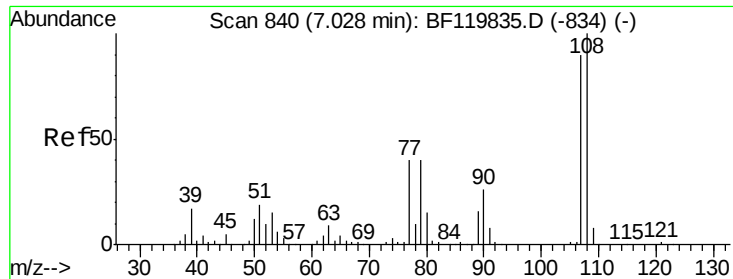
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.904 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.7
79	8.5	0.0	28.6





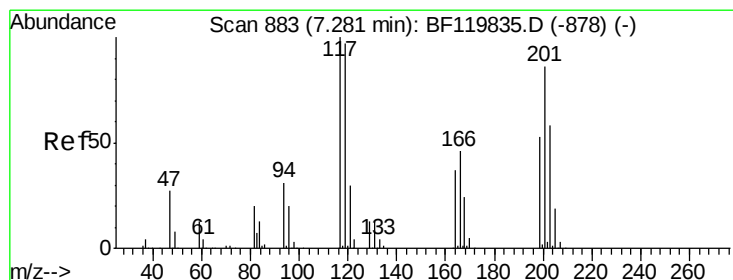
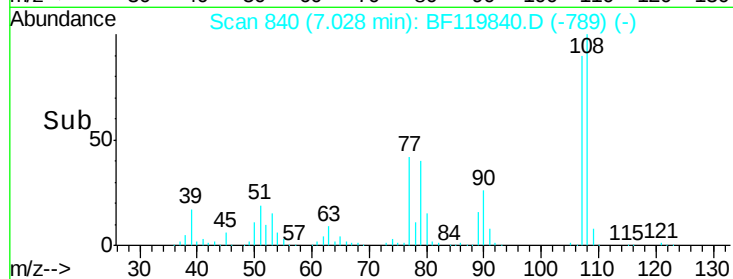
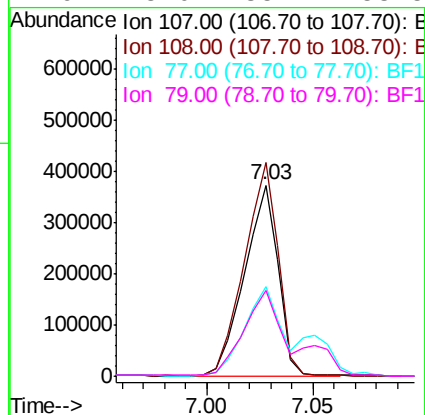
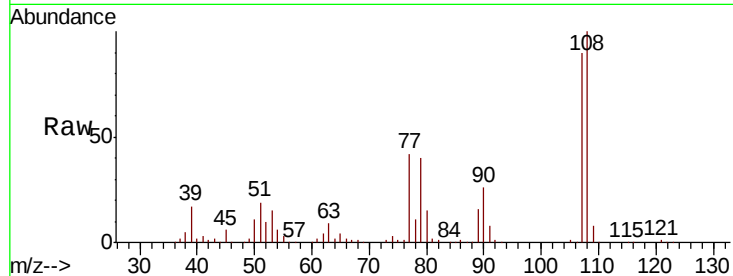
#17
2-Methylphenol
Concen: 37.035 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion:	107	Resp:	410910
Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.8	133.2
77	46.7	36.0	54.0
79	45.0	35.7	53.5

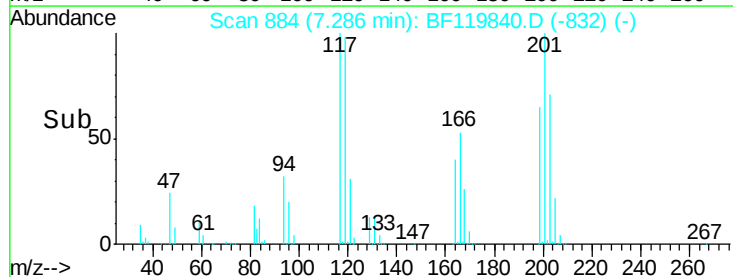
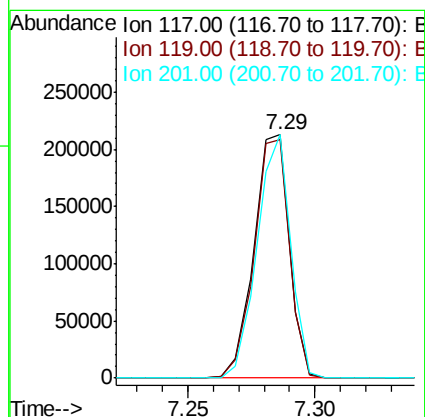
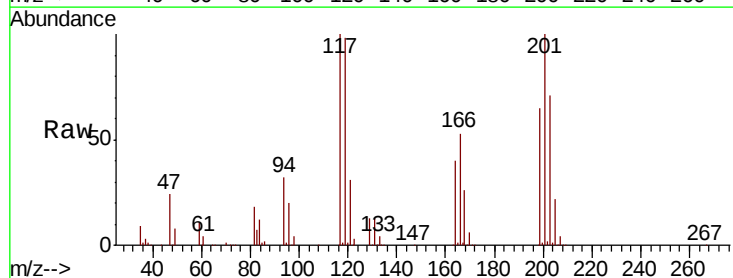
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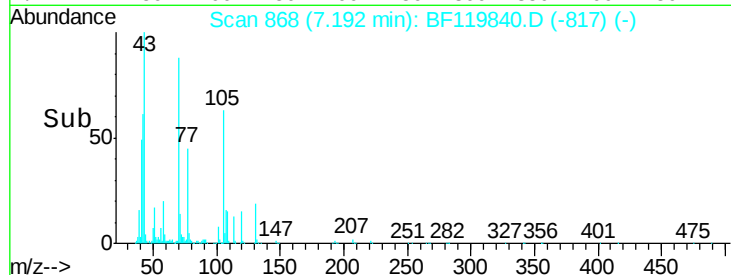
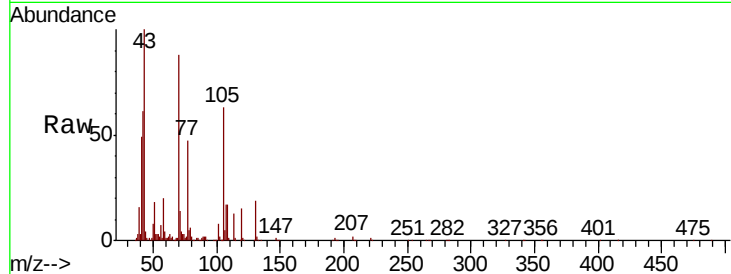
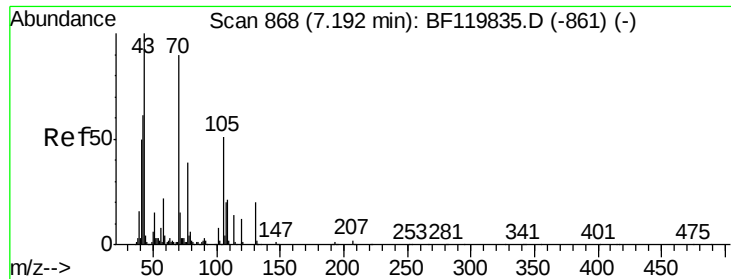
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#18
Hexachloroethane
Concen: 39.947 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	117	Resp:	206996
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	100.1	68.4	102.6





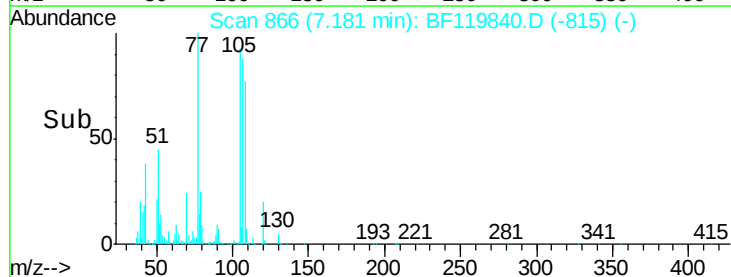
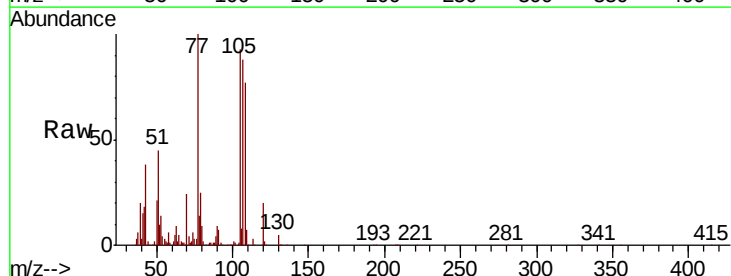
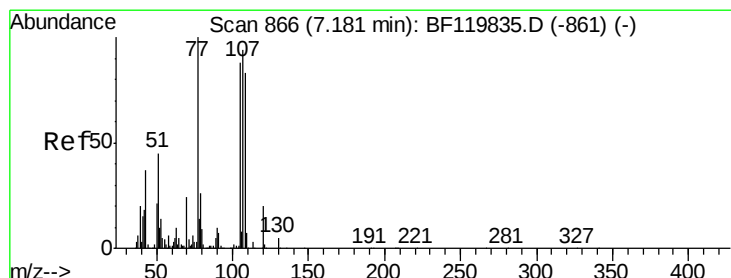
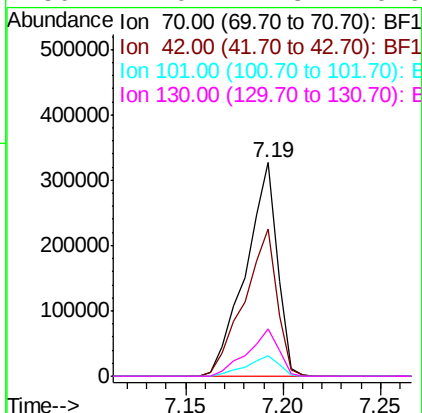
#19
n-Nitroso-di-n-propylamine
Concen: 39.939 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.1	54.2	81.4		
101	9.5	7.4	11.2		
130	22.0	17.8	26.6		

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

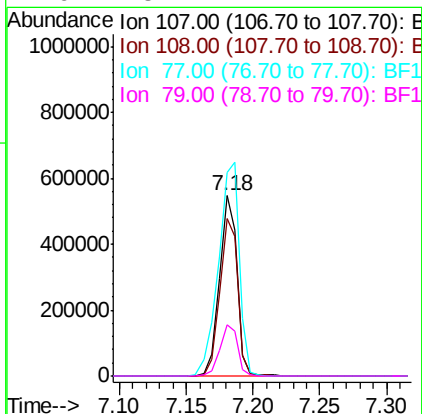
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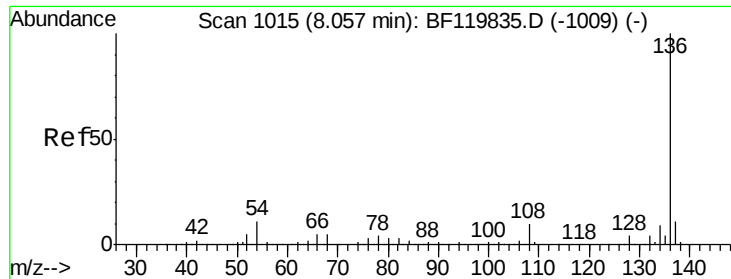
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#20
3+4-Methylphenols
Concen: 37.556 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.8	68.2	108.2		
77	113.5	86.6	126.6		
79	28.2	7.7	47.7		





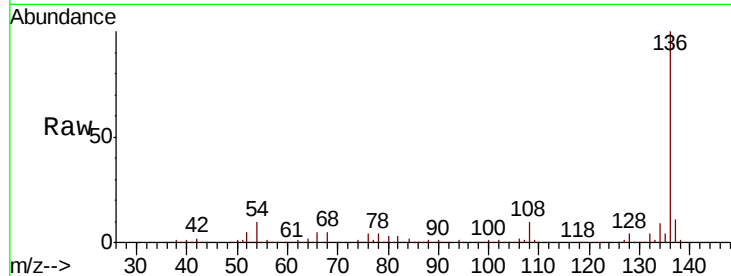
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Resp	Lower	Upper
136	100	681373		
137	10.8		8.7	13.1
54	10.2		8.5	12.7
68	5.2		3.9	5.9

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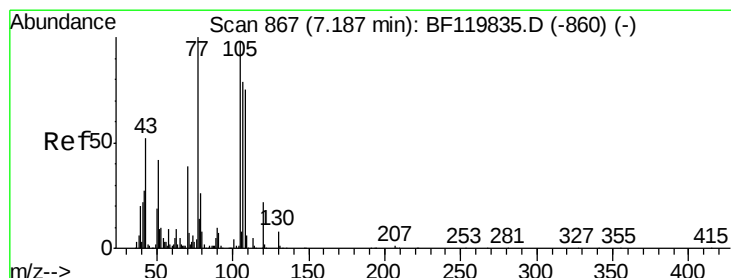
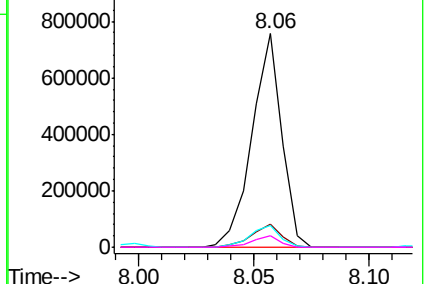
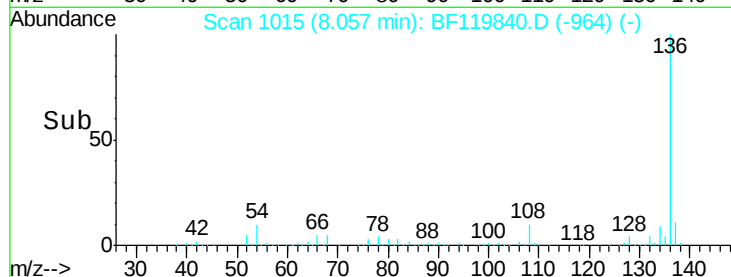
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

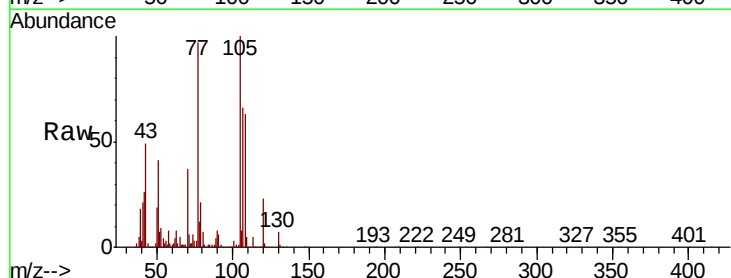
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.083 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	735274		
71	5.8		5.6	8.4
51	40.5		33.9	50.9
120	22.6		17.8	26.8



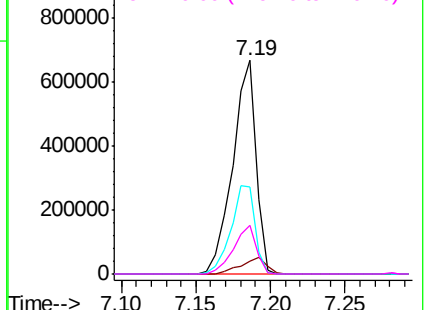
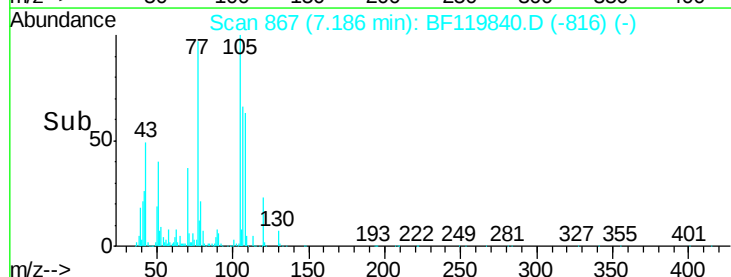
Abundance

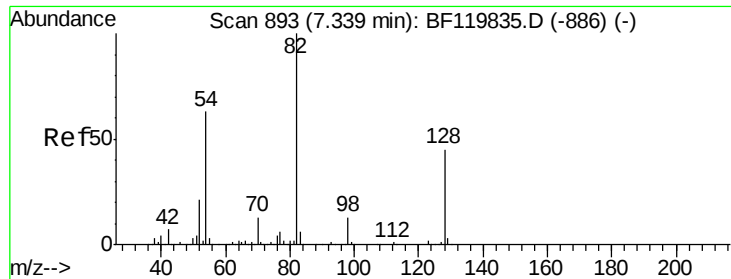
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





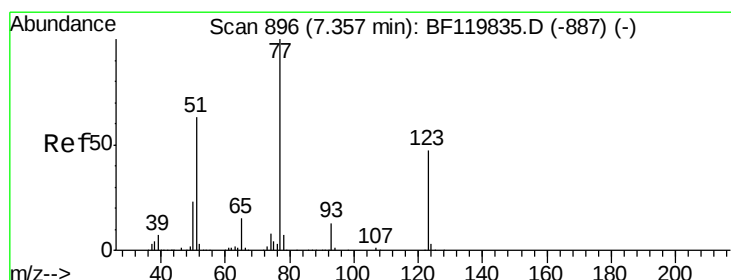
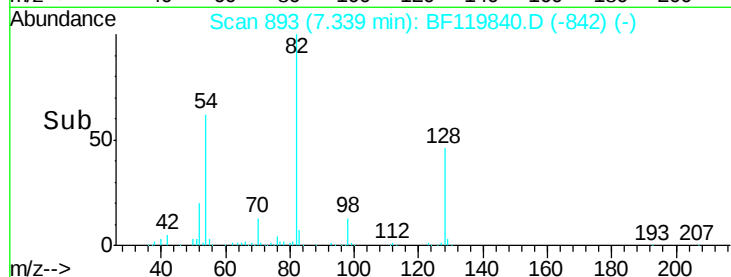
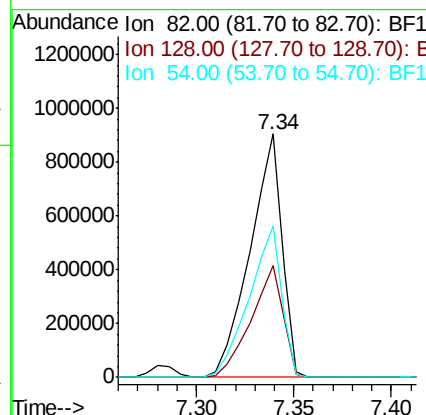
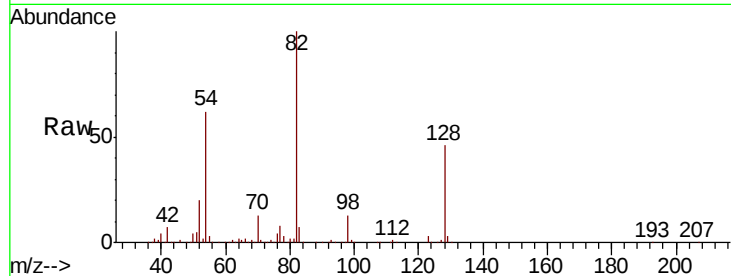
#23
 Nitrobenzene-d5
 Concen: 78.059 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.2	54.4
54	62.3	50.4	75.6

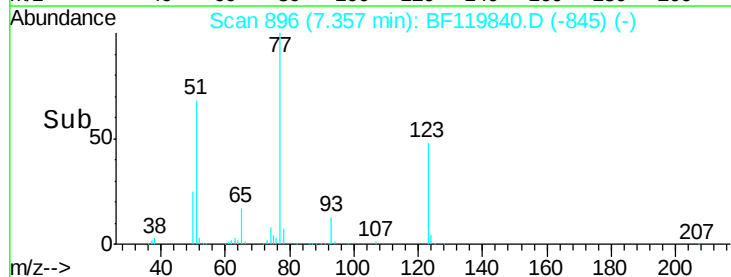
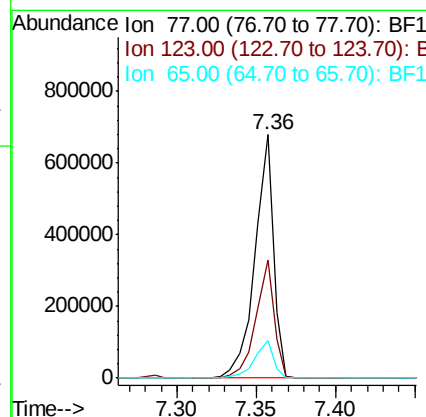
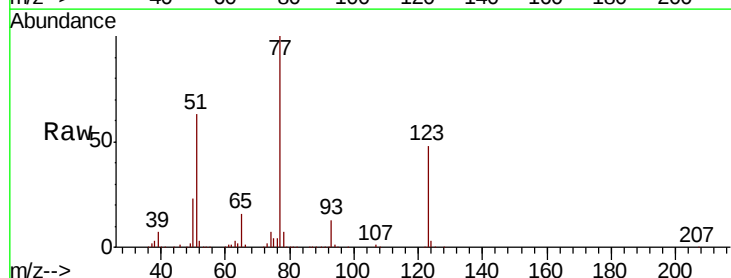
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#24
 Nitrobenzene
 Concen: 41.477 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.8	56.8
65	15.5	12.2	18.2





#25

Isophorone

Concen: 38.734 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

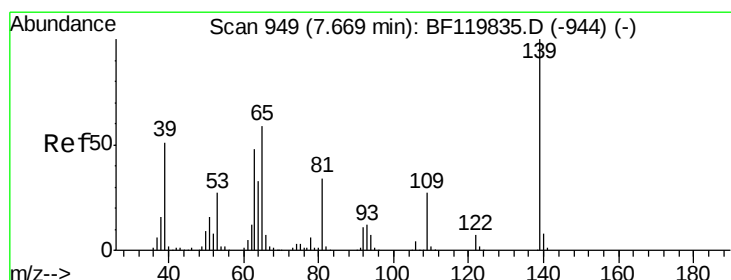
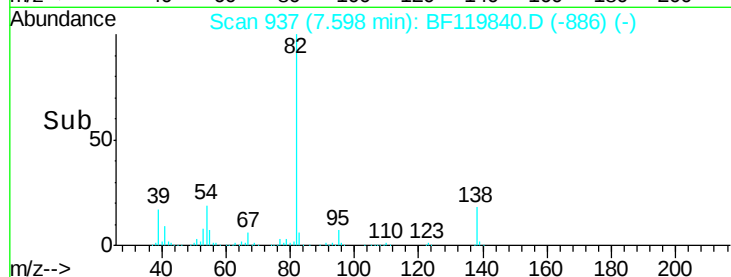
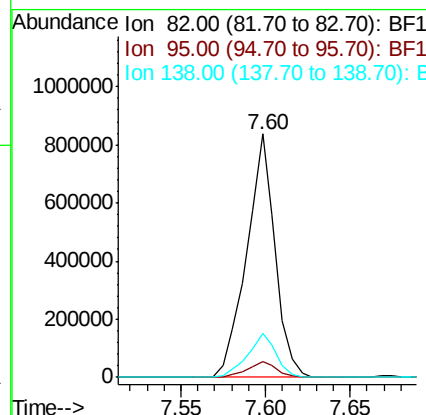
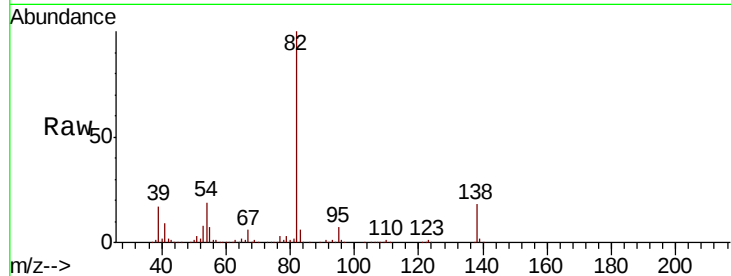
ClientSampleId :

ICVBF040820

Tot Ion:	82	Resp:	983435
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	17.8	14.5	21.7

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#26

2-Nitrophenol

Concen: 40.057 ng

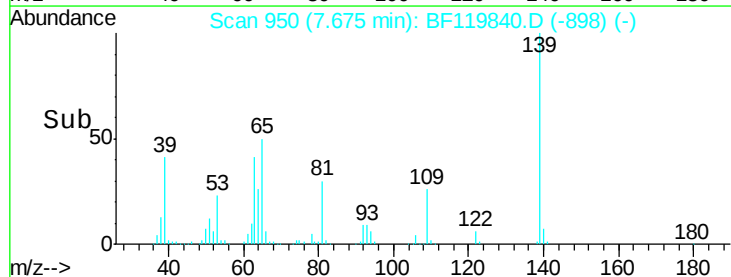
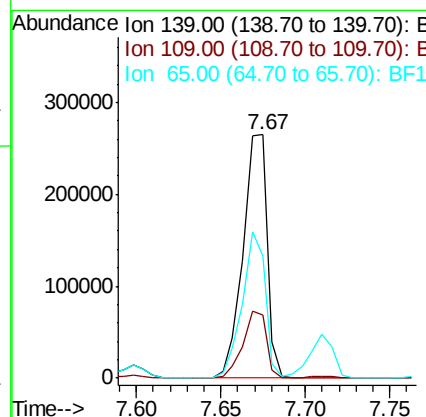
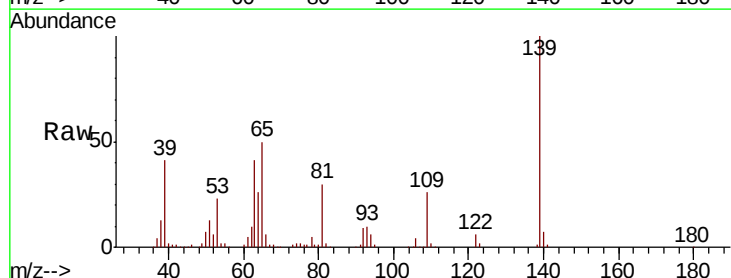
RT: 7.67 min Scan# 950

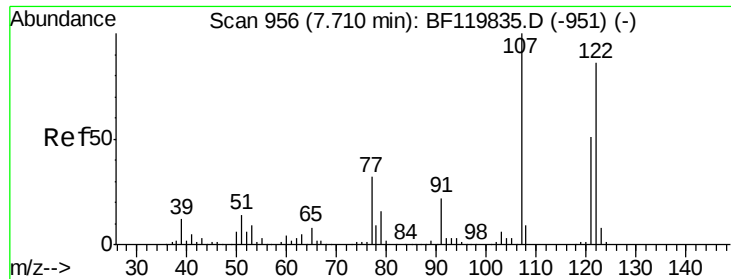
Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Tgt Ion:	139	Resp:	265153
Ion Ratio	Lower	Upper	
139	100		
109	26.0	21.8	32.6
65	50.2	47.0	70.4





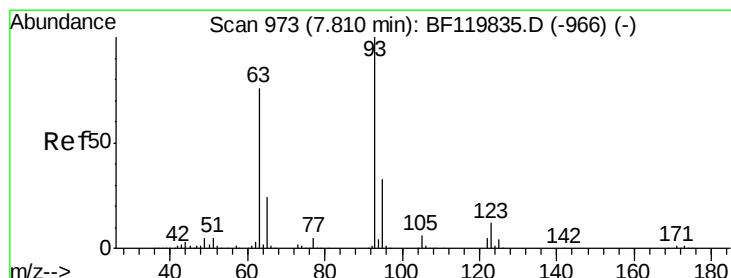
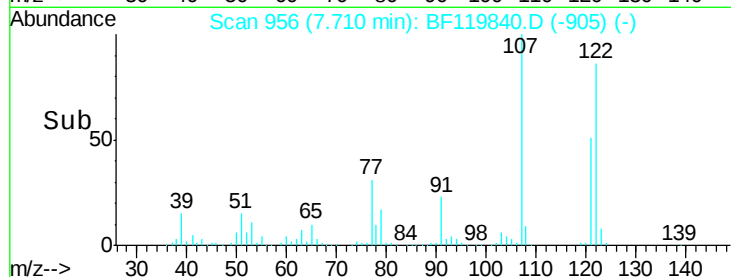
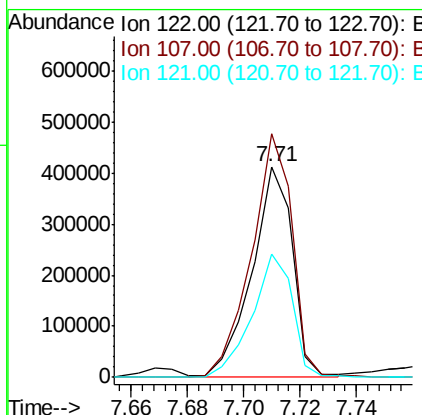
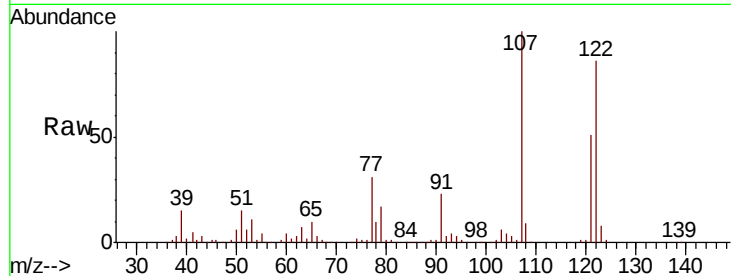
#27
2,4-Dimethylphenol
Concen: 40.893 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		408241		
107	115.6	92.3	138.5		
121	58.6	46.6	70.0		

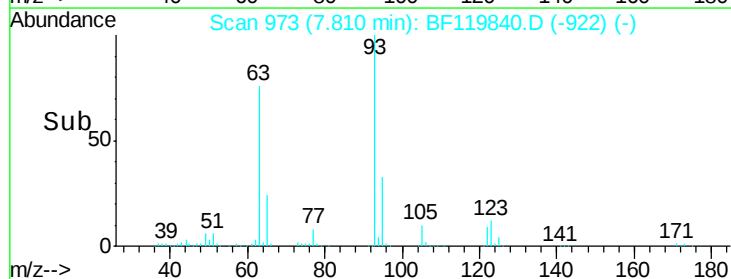
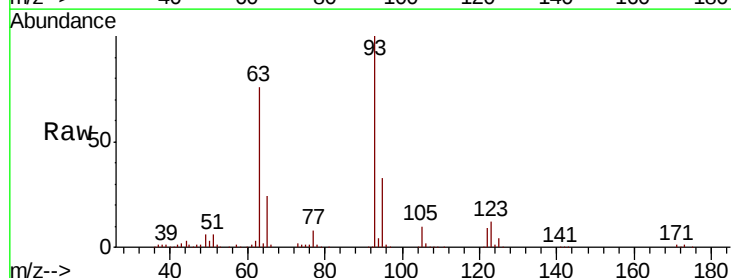
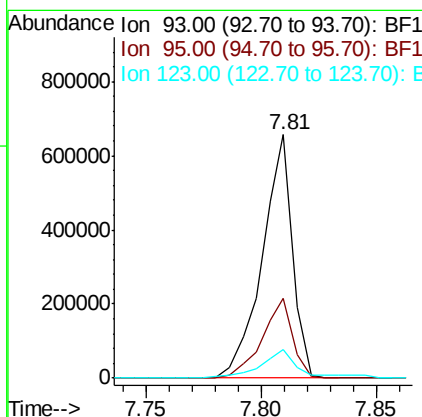
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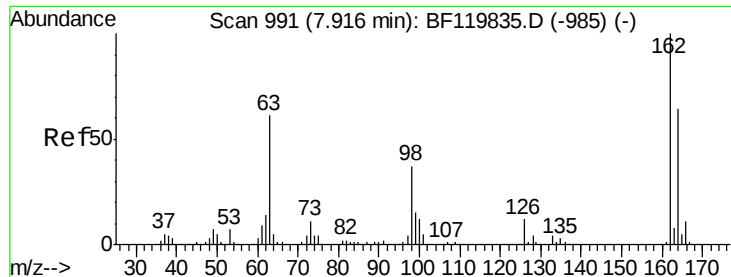
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.044 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		598266		
95	32.7	26.4	39.6		
123	11.9	9.7	14.5		





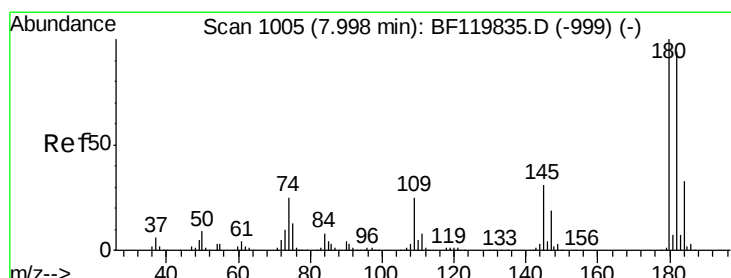
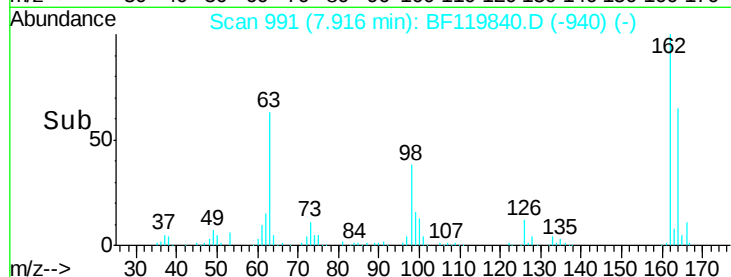
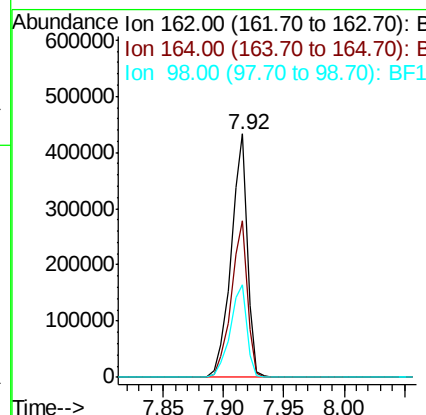
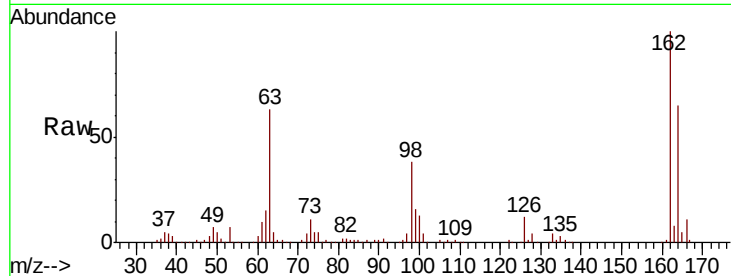
#29
2,4-Dichlorophenol
Concen: 39.497 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampled :
ICVBF040820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		404172		
164	64.5	44.4	84.4		
98	38.0	17.3	57.3		

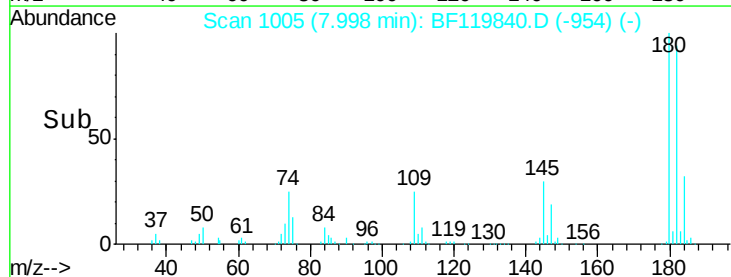
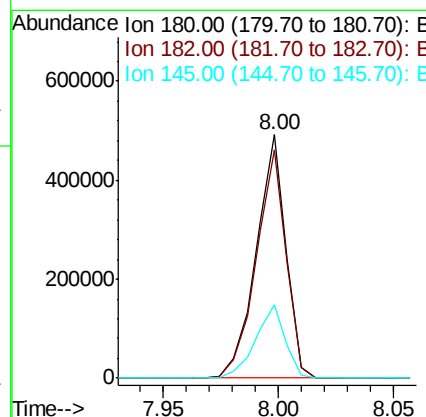
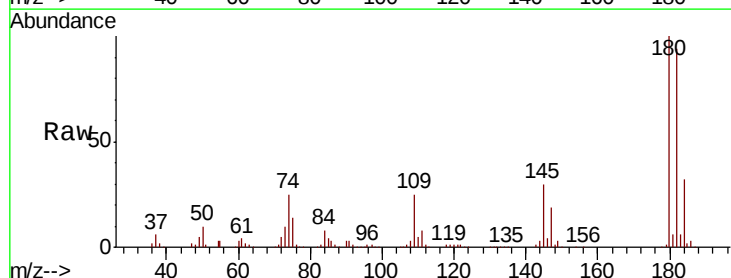
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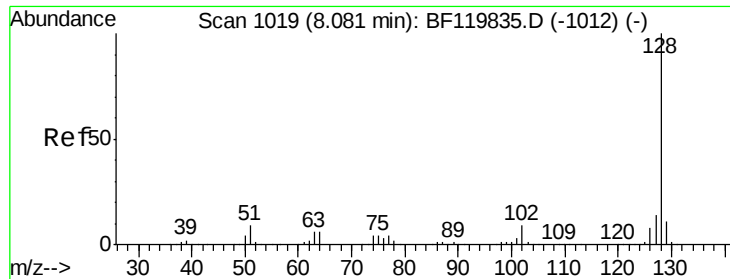
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#30
1,2,4-Trichlorobenzene
Concen: 37.943 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		439945		
182	93.5	75.4	113.0		
145	30.4	24.6	37.0		





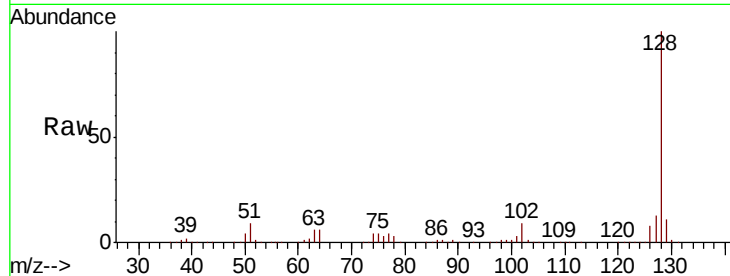
#31
Naphthalene
Concen: 38.987 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

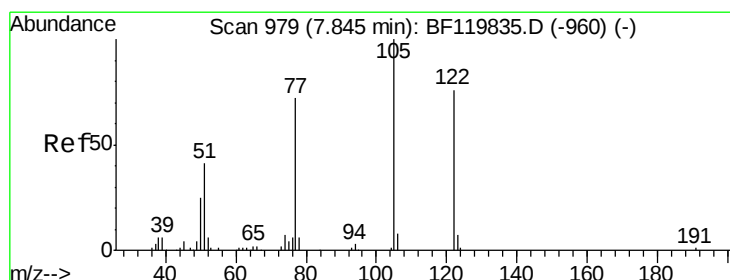
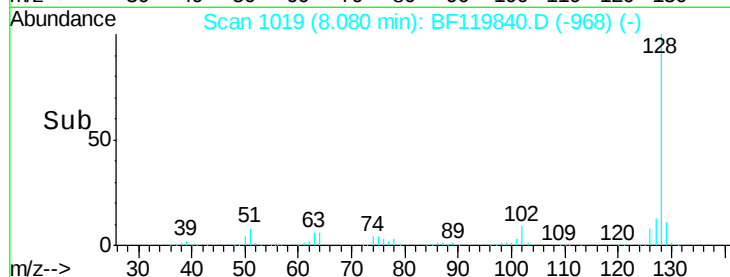
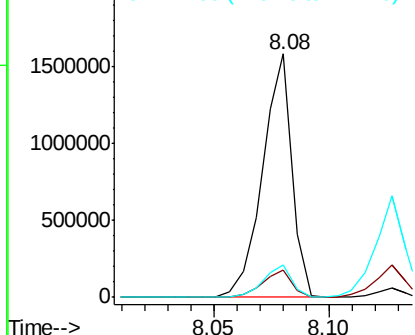
Tot Ion:128 Resp: 1397637
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 11.0 16.4

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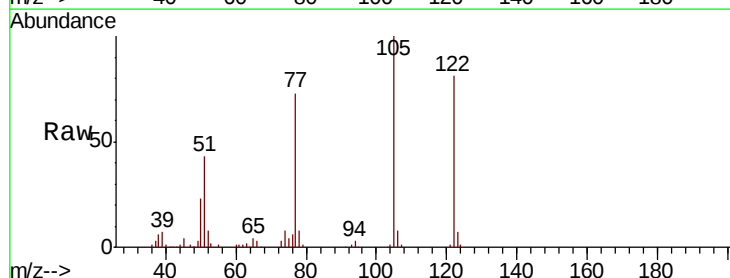


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

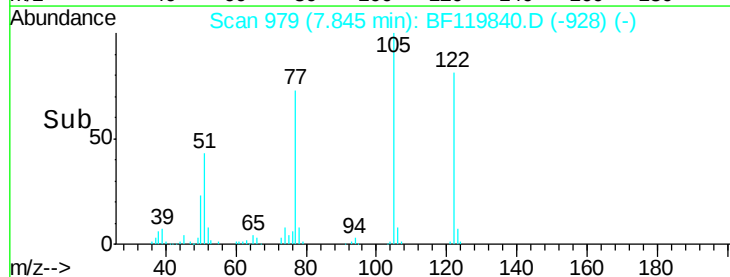
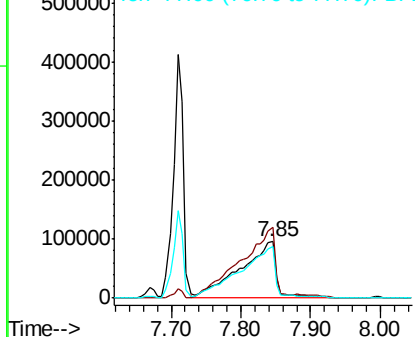


#32
Benzoic acid
Concen: 39.528 ng m
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:122 Resp: 346571
Ion Ratio Lower Upper
122 100
105 124.0 106.7 146.7
77 90.3 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





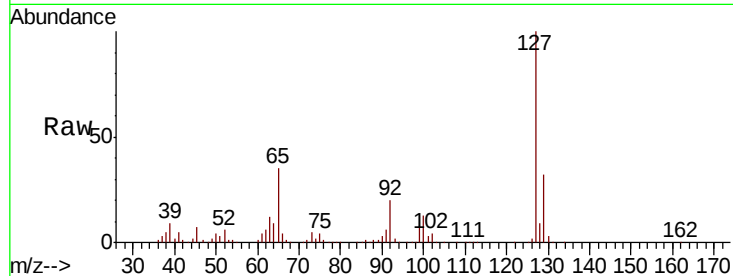
#33
4-Chloroaniline
Concen: 37.157 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

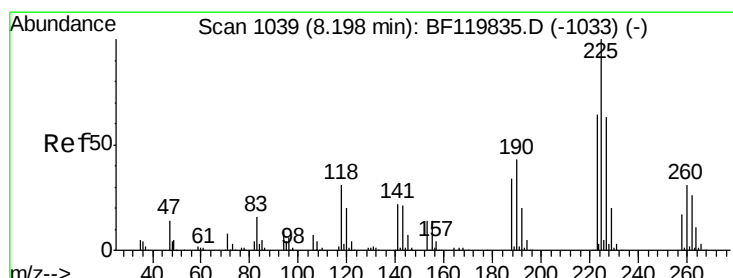
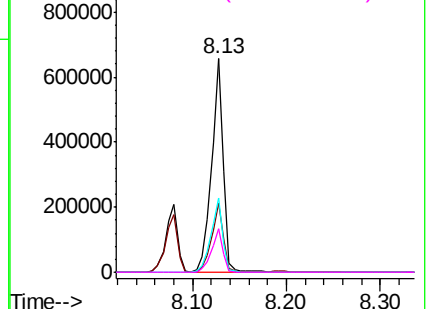
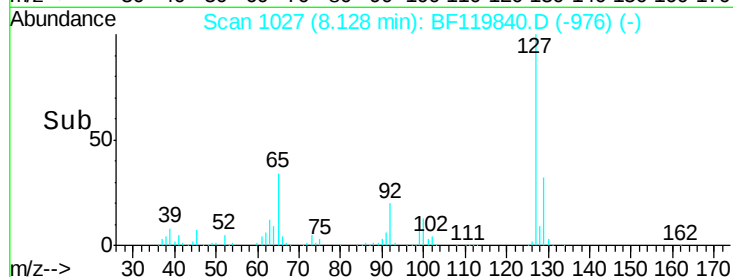
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.2		
65	34.7	28.3	42.5		
92	20.3	15.4	23.2		

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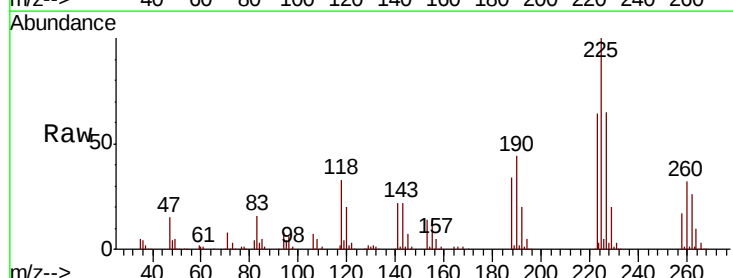


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

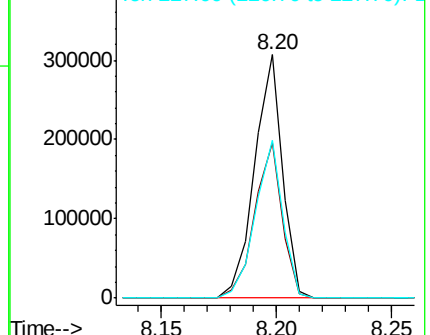
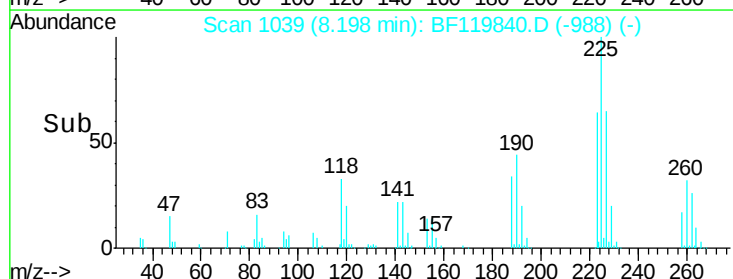


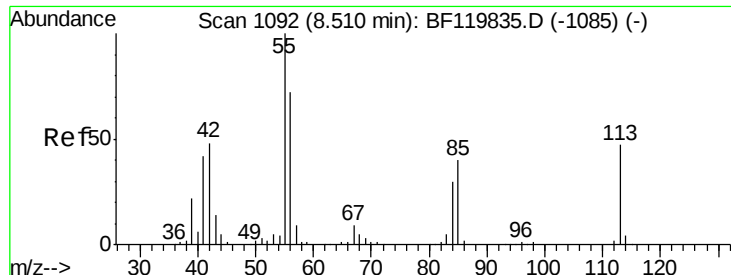
#34
Hexachlorobutadiene
Concen: 37.408 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	51.0	76.6		
227	65.0	50.4	75.6		



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





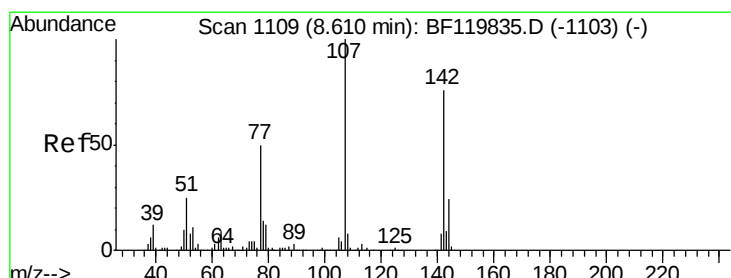
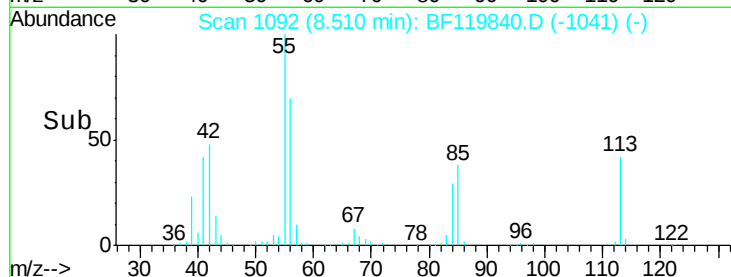
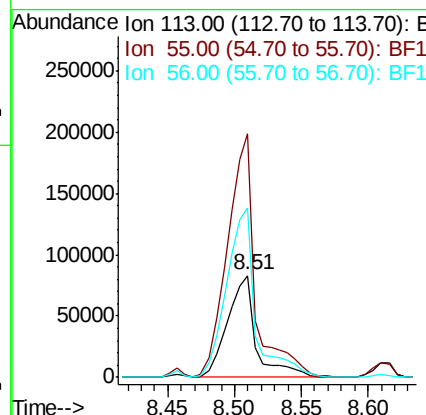
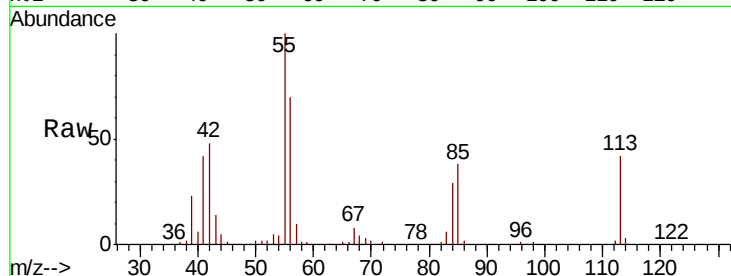
#35
Caprolactam
Concen: 40.124 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	238.6	192.7	232.7#		
56	166.3	133.3	173.3		

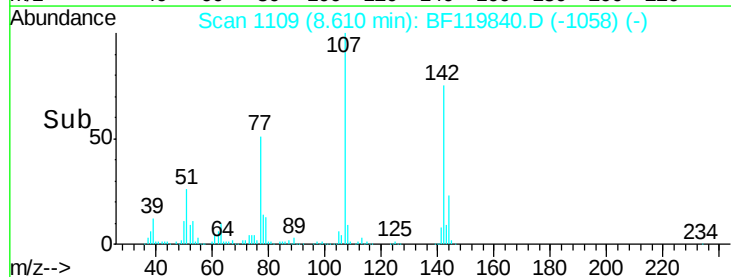
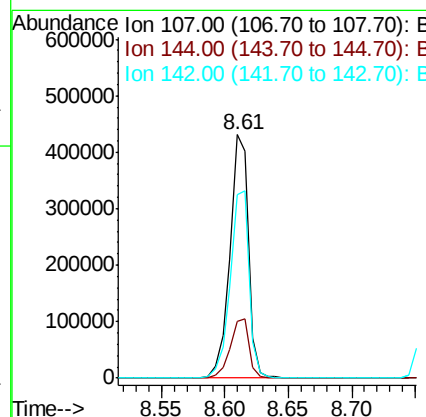
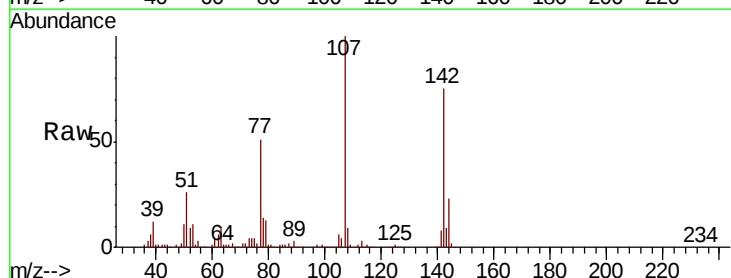
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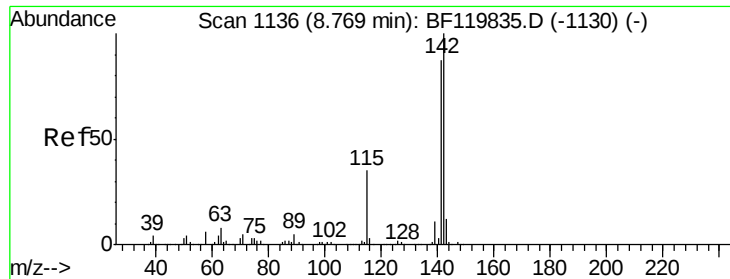
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#36
4-Chloro-3-methylphenol
Concen: 39.354 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.5	19.5	29.3		
142	75.4	60.5	90.7		





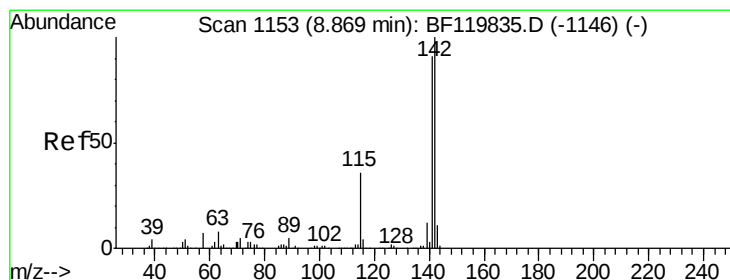
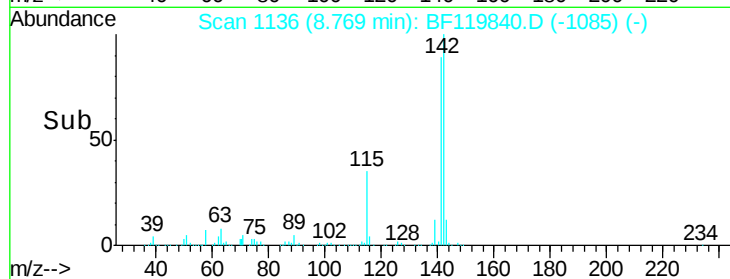
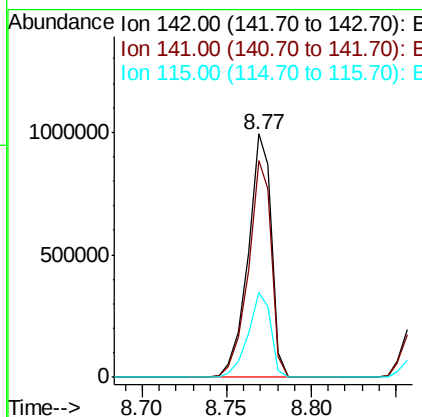
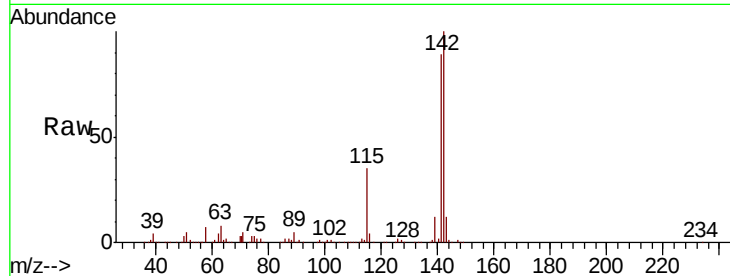
#37
 2-Methylnaphthalene
 Concen: 39.540 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.9	104.9
115	34.8	28.0	42.0

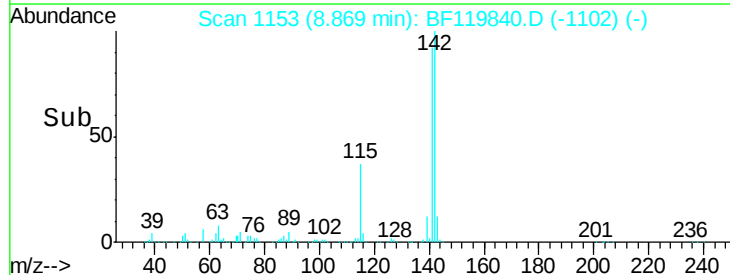
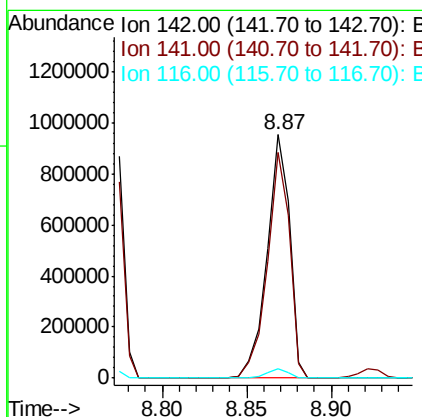
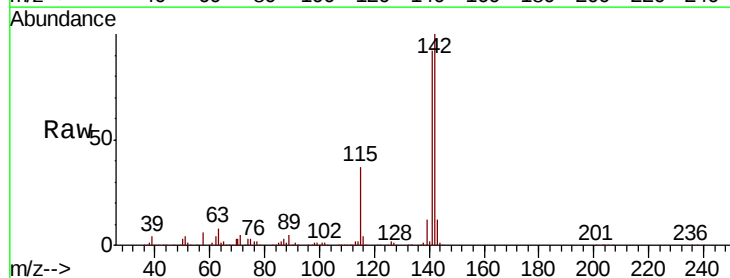
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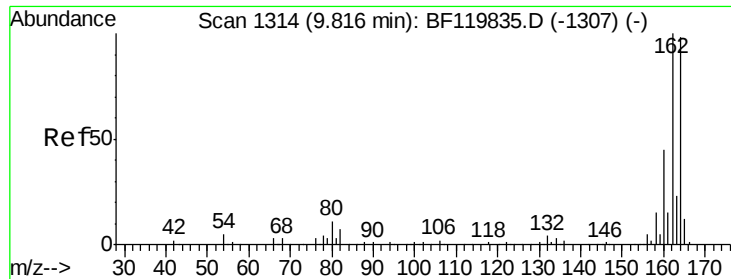
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#38
 1-Methylnaphthalene
 Concen: 38.389 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.9	109.3
116	3.8	3.0	4.6





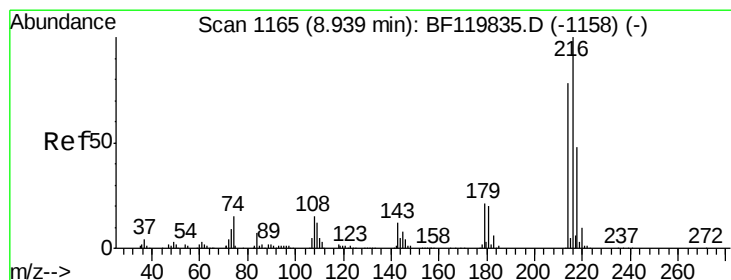
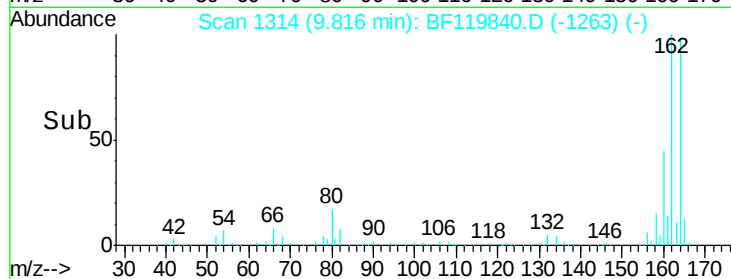
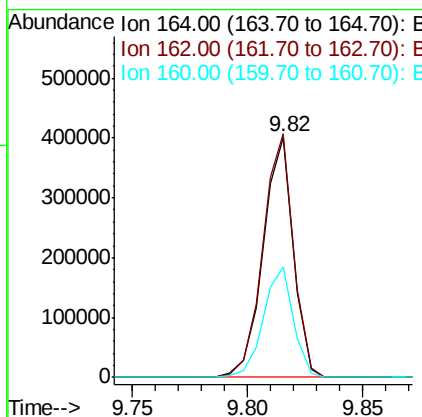
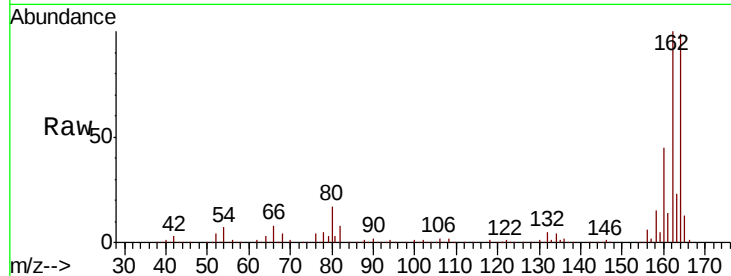
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.9	122.9	
160	45.8	36.6	54.8	

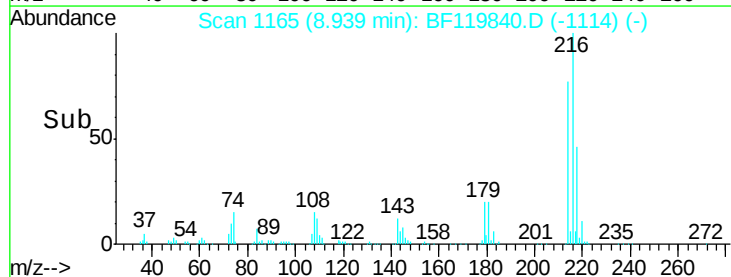
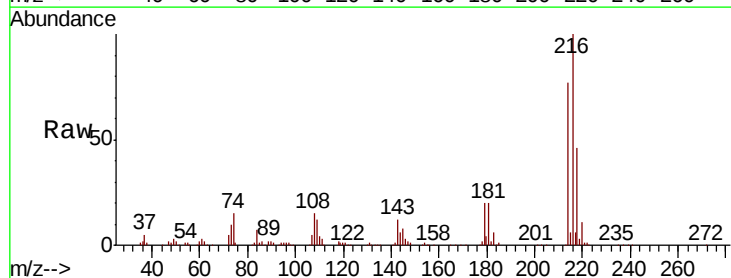
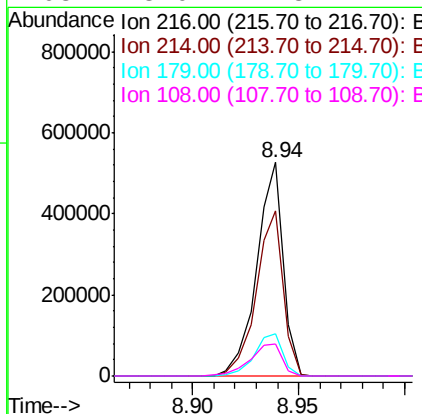
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.031 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.1	94.7	
179	21.0	17.0	25.4	
108	18.0	14.8	22.2	





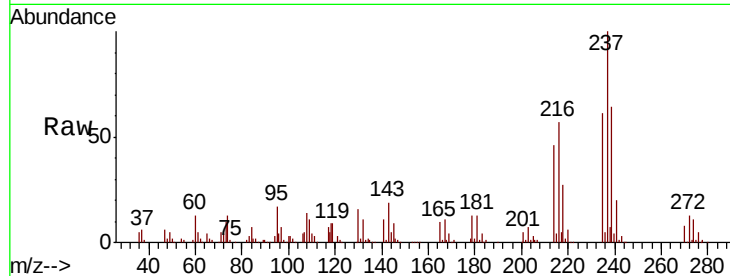
#41
Hexachlorocyclopentadiene
Concen: 40.359 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

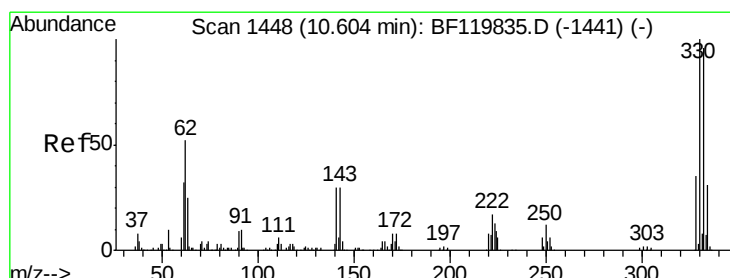
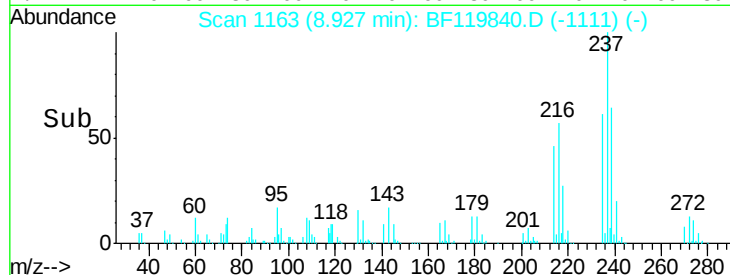
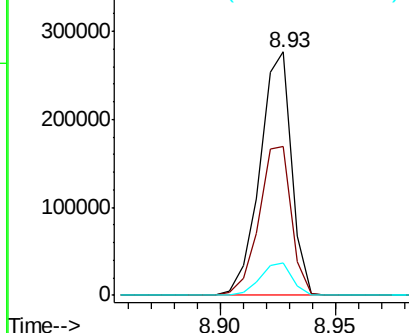
Tot Ion	Ratio	Resp	Lower	Upper
237	100	264187		
235	61.3	44.9	84.9	
272	13.4	0.0	33.6	

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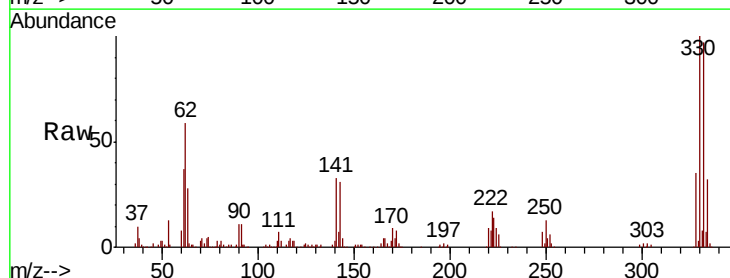


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

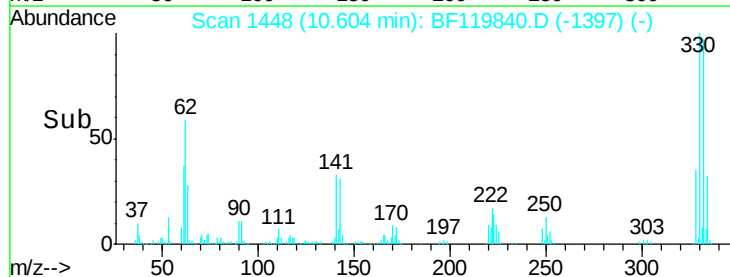
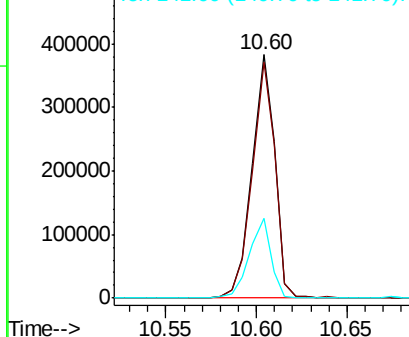


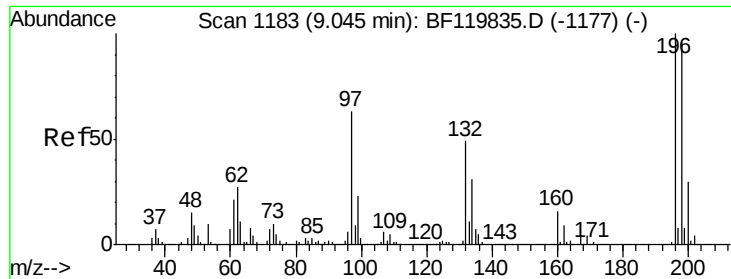
#42
2,4,6-Tribromophenol
Concen: 75.436 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336622		
332	97.1	76.8	115.2	
141	31.4	25.1	37.7	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





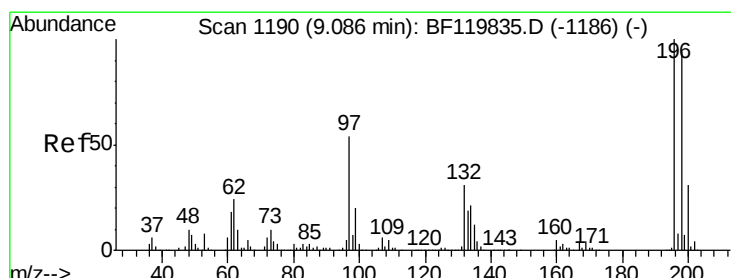
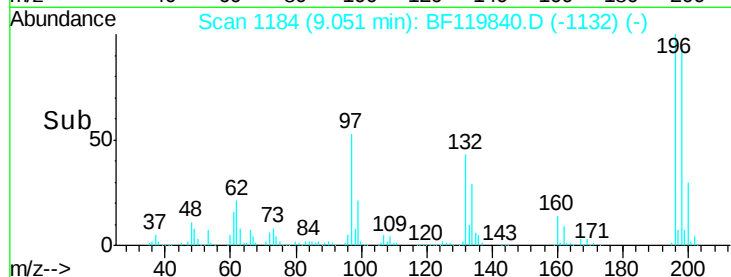
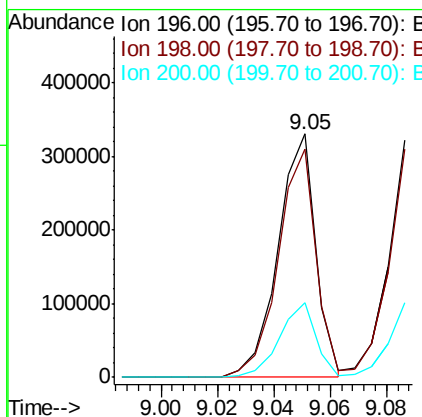
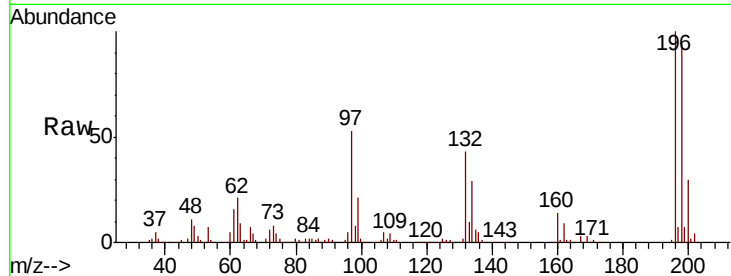
#43
 2,4,6-Trichlorophenol
 Concen: 38.511 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Resp	Lower	Upper
196	100	306134		
198	93.9	76.6	115.0	
200	30.4	24.2	36.2	

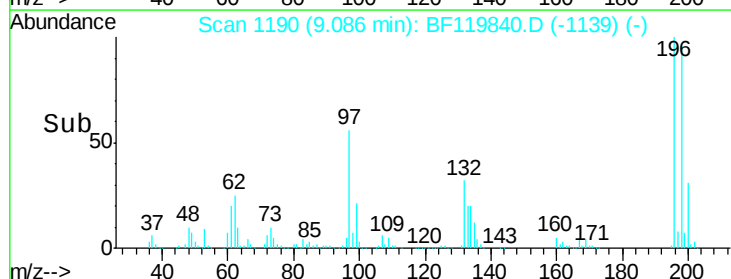
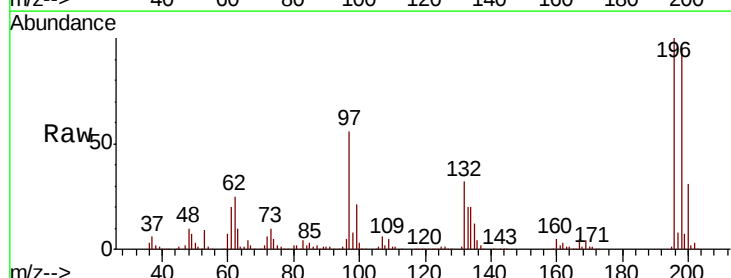
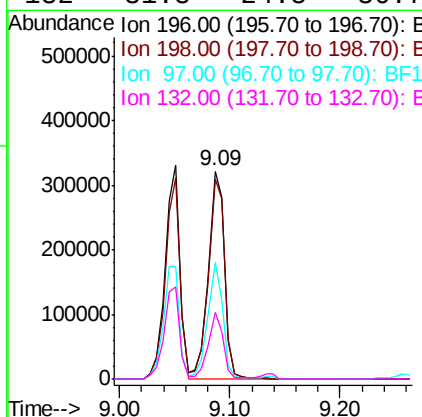
Manual Integrations
 APPROVED

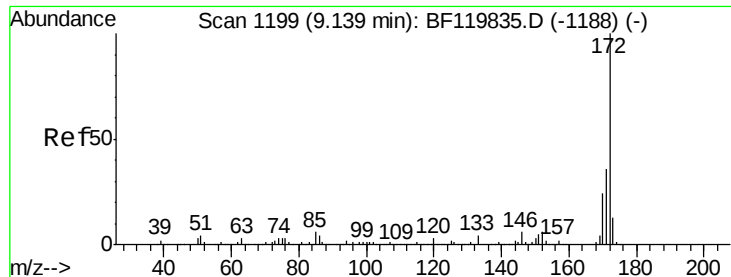
mohammad
 4/10/2020 9:57:11 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.317 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316194		
198	96.3	75.1	112.7	
97	55.8	43.4	65.2	
132	31.8	24.5	36.7	





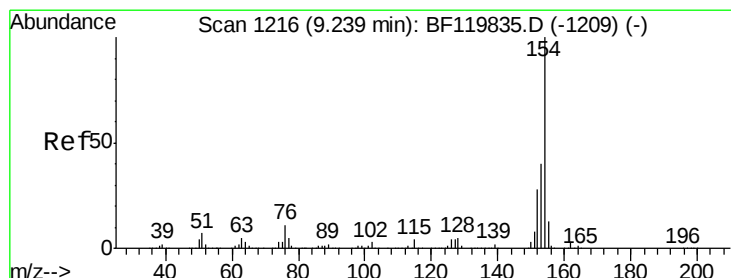
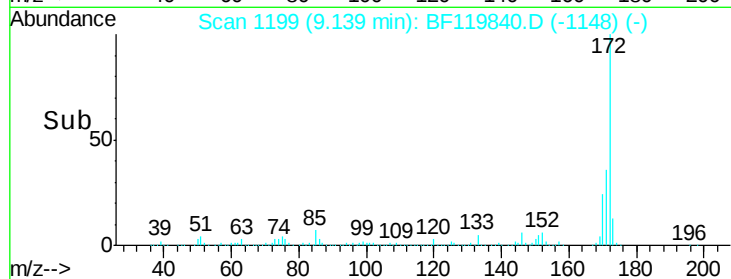
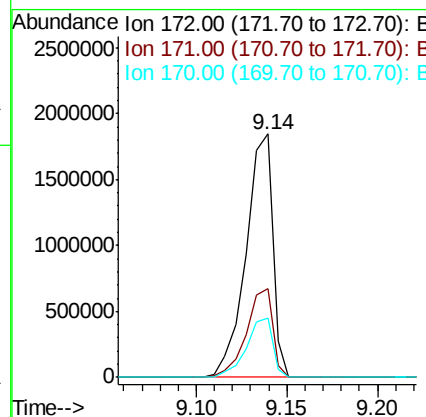
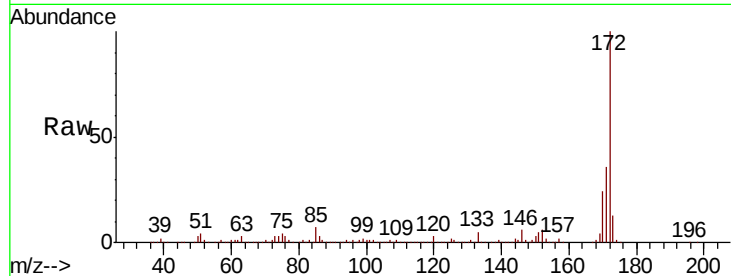
#45
2-Fluorobiphenyl
Concen: 73.865 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.4	19.4	29.2

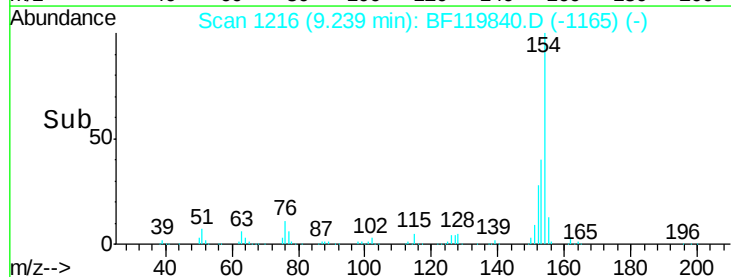
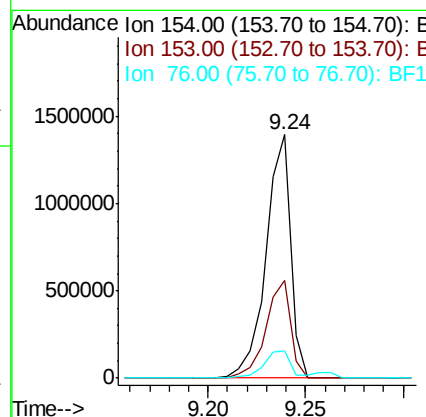
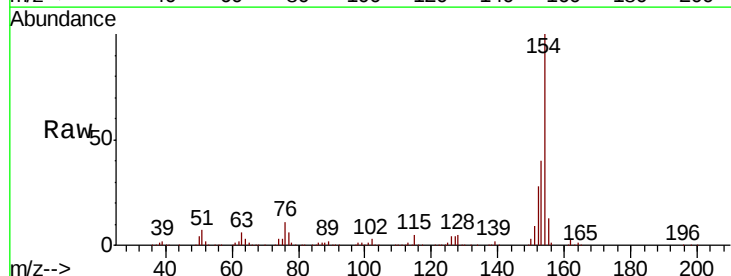
Manual Integrations
APPROVED

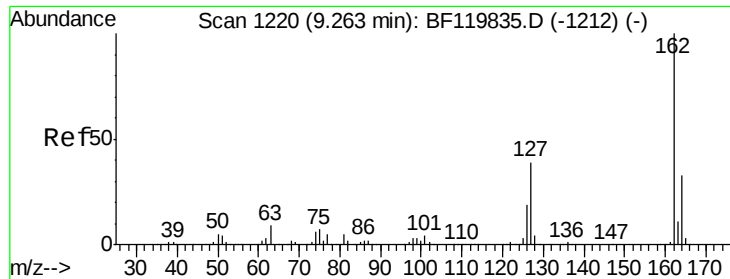
mohammad
4/10/2020 9:57:11 AM



#46
1,1'-Biphenyl
Concen: 39.627 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	11.1	0.0	30.6





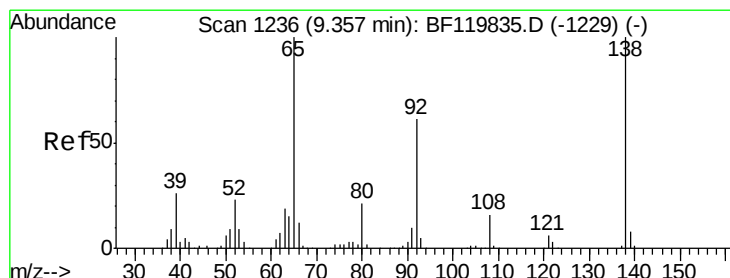
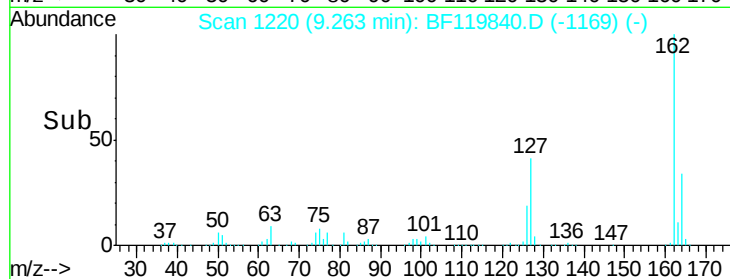
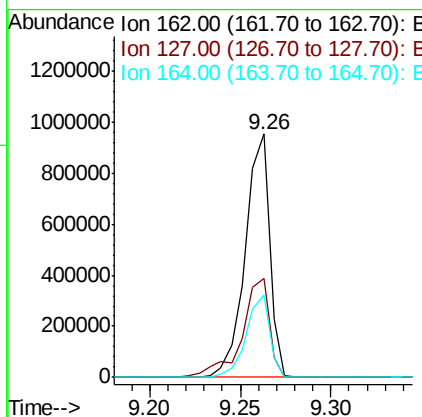
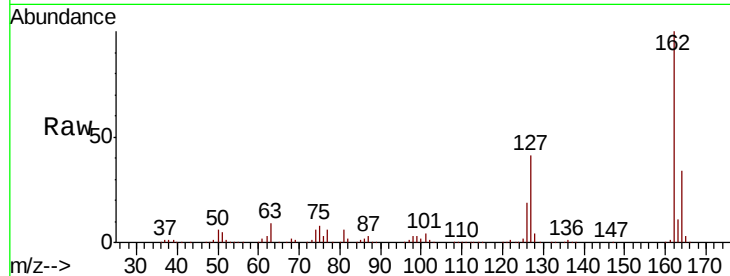
#47
 2-Chloronaphthalene
 Concen: 37.741 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		894395		
127	40.6	31.2	46.8		
164	33.9	26.3	39.5		

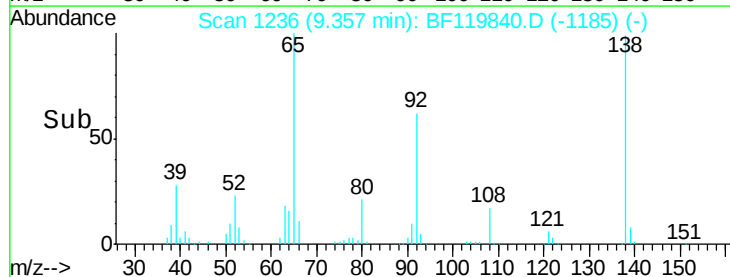
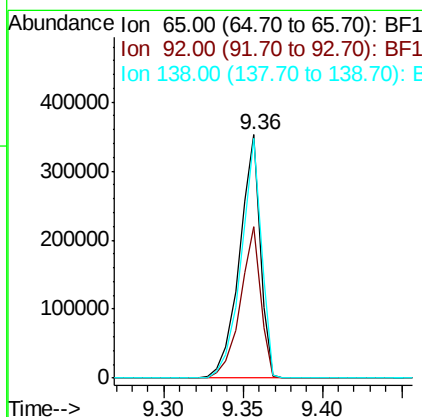
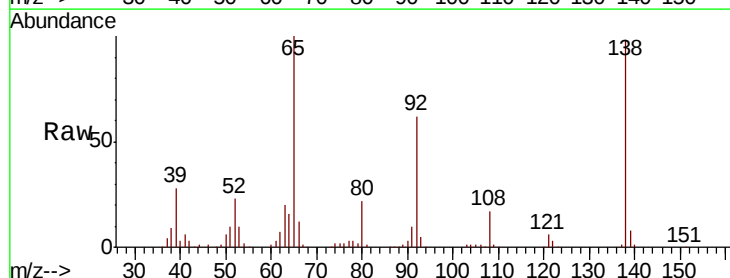
Manual Integrations
 APPROVED

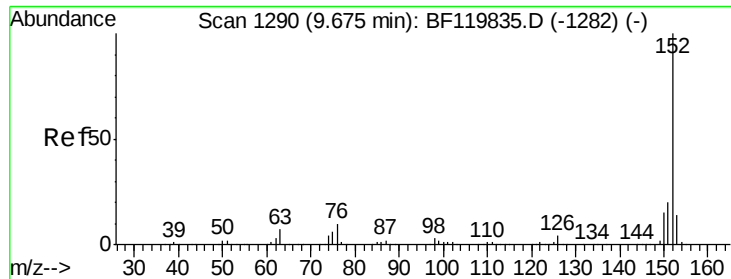
mohammad
 4/10/2020 9:57:11 AM



#48
 2-Nitroaniline
 Concen: 37.084 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		318476		
92	62.1	49.0	73.6		
138	98.4	79.7	119.5		





#49

Acenaphthylene

Concen: 39.723 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

ICVBF040820

Tot Ion:152 Resp: 1431646

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

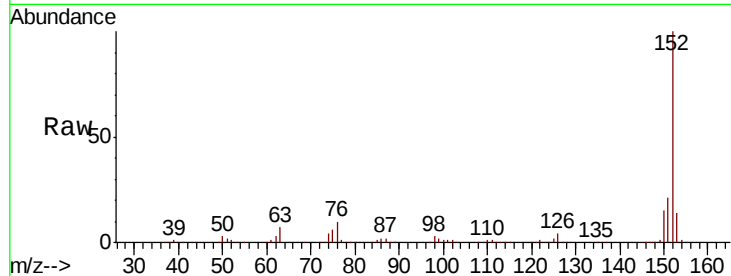
153 13.5 10.9 16.3

Manual Integrations

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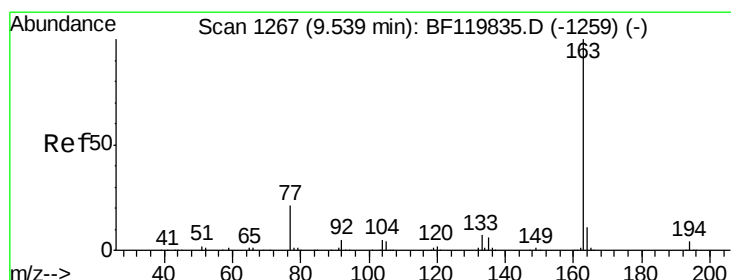
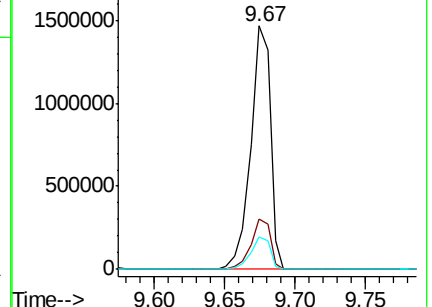
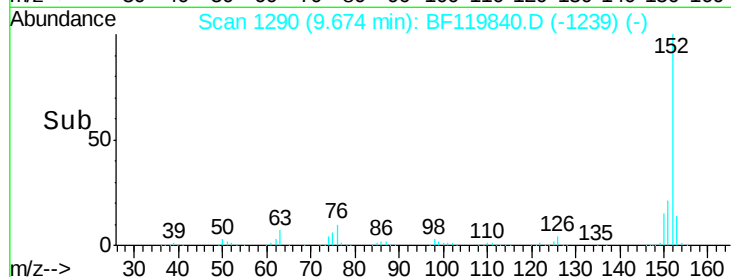
4/10/2020 9:57:11 AM



Abundance Ion 152.00 (151.70 to 152.70): E

2000000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.634 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

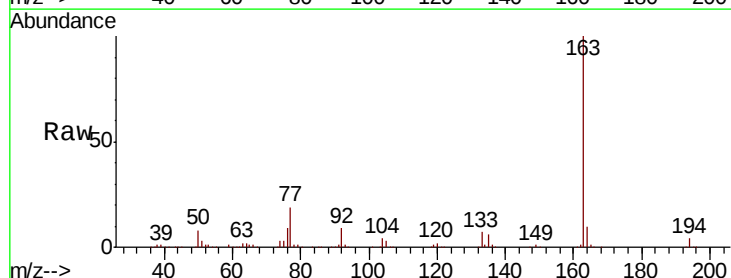
Tgt Ion:163 Resp: 1060937

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

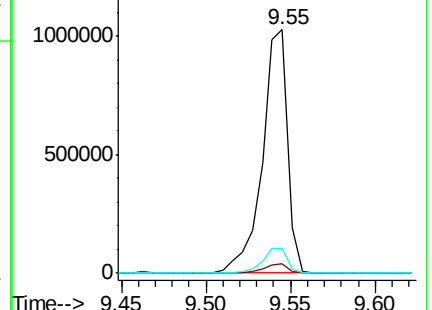
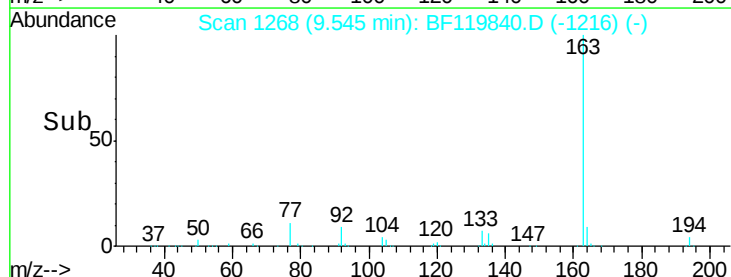
164 10.0 8.4 12.6

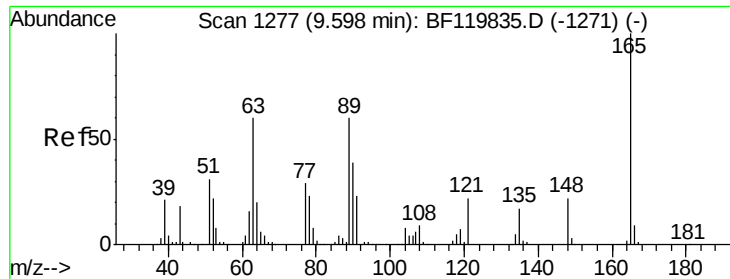


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





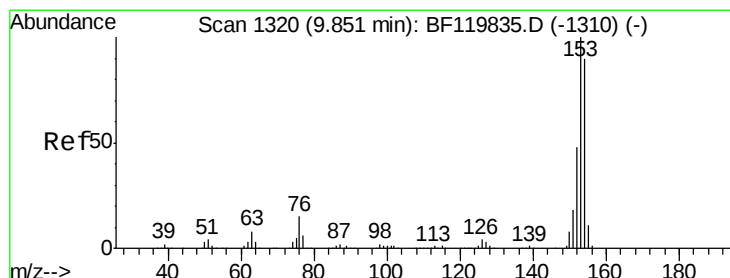
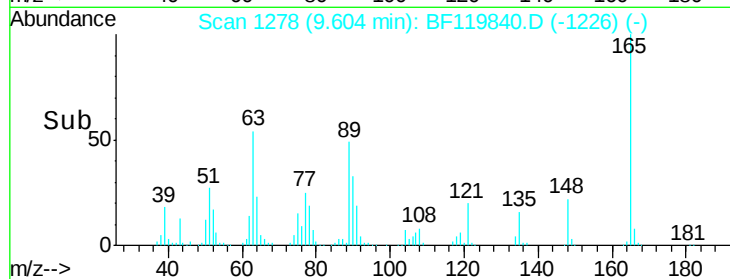
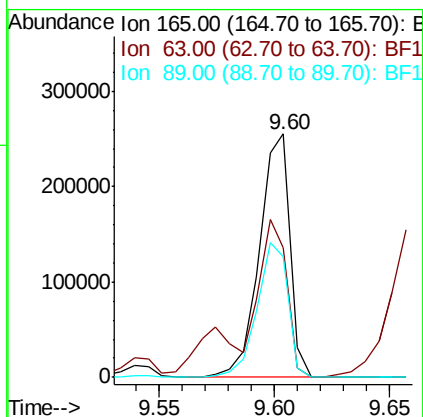
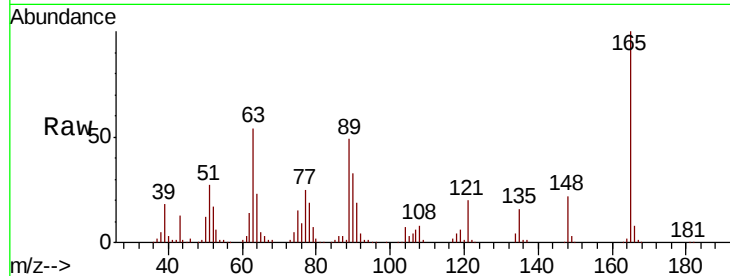
#51
2,6-Dinitrotoluene
Concen: 38.275 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Resp	Lower	Upper
165	100	236286		
63	53.5		55.6	83.4#
89	49.5		47.9	71.9

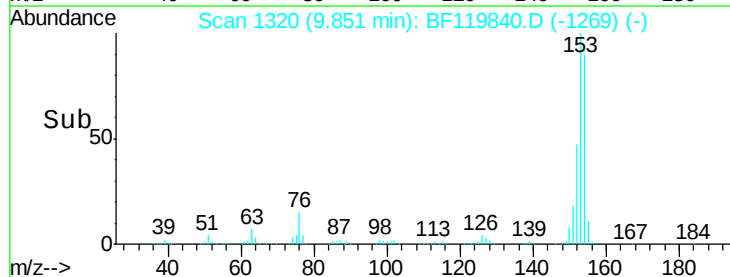
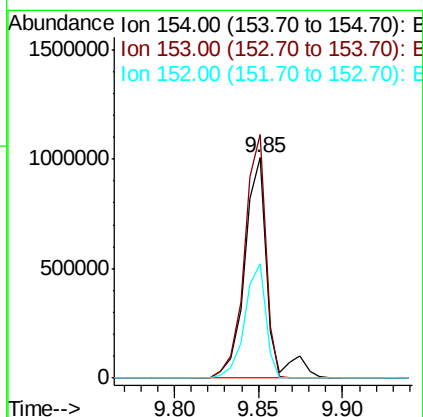
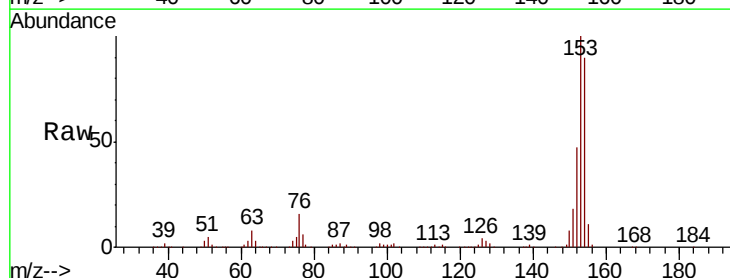
Manual Integrations
APPROVED

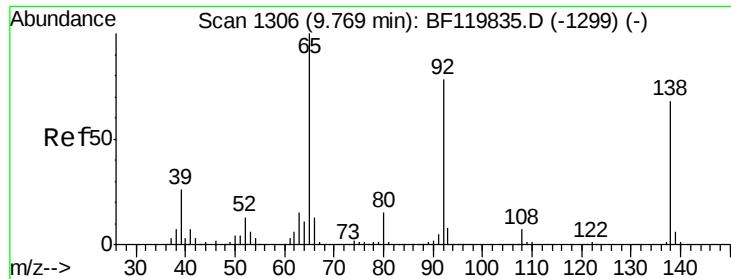
mohammad
4/10/2020 9:57:11 AM



#52
Acenaphthene
Concen: 39.874 ng m
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	958639		
153	110.6		88.8	133.2
152	51.9		42.4	63.6





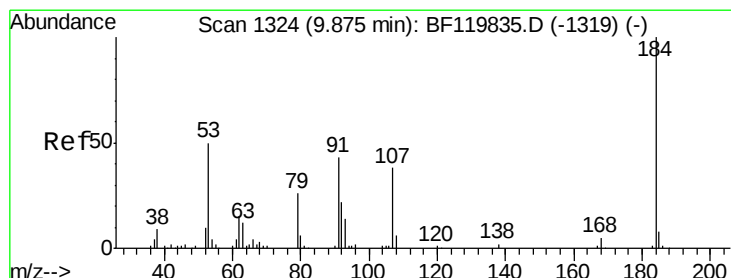
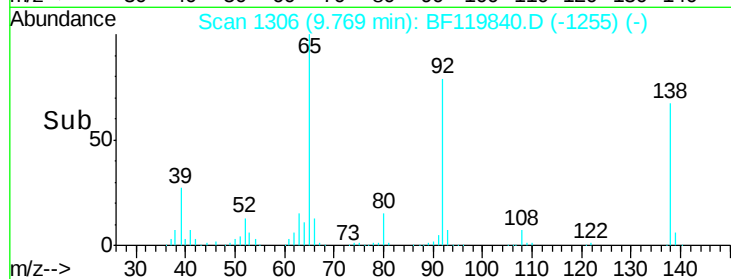
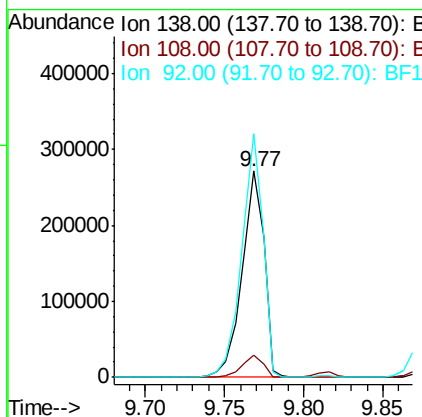
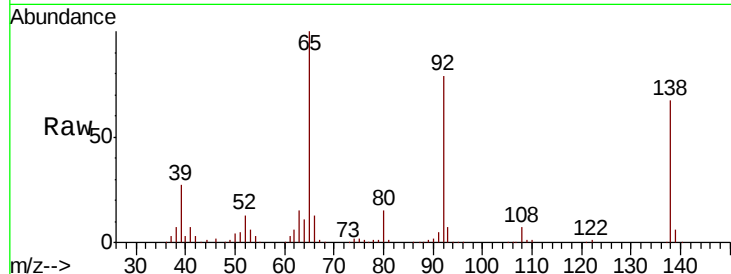
#53
3-Nitroaniline
Concen: 37.014 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.0	12.0
92	118.1	92.1	138.1

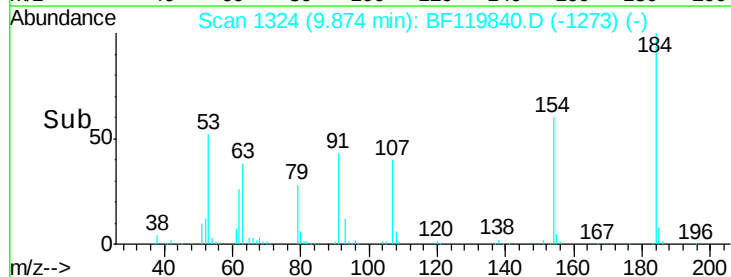
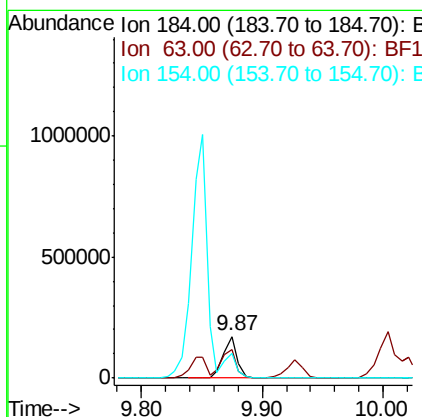
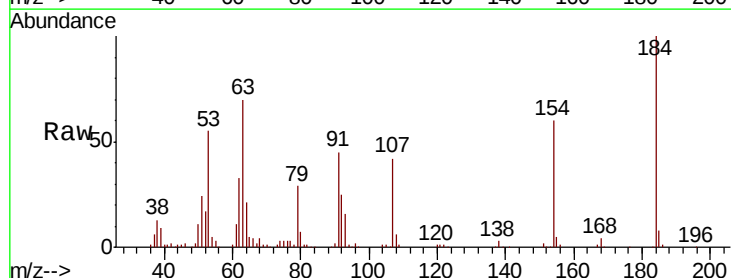
Manual Integrations
APPROVED

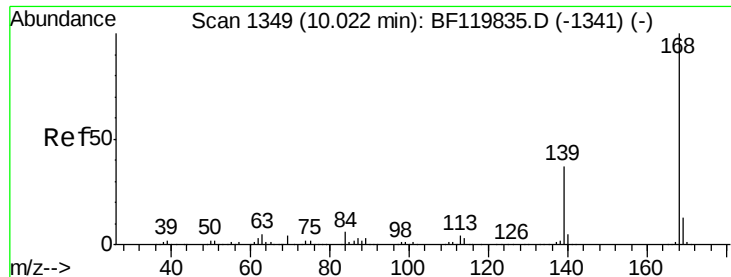
mohammad
4/10/2020 9:57:11 AM



#54
2,4-Dinitrophenol
Concen: 38.140 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.5	49.8	74.6
154	60.1	46.5	69.7





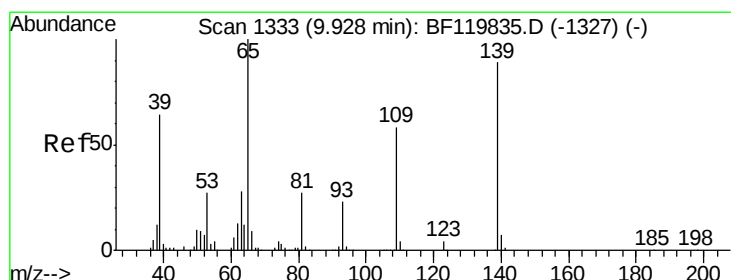
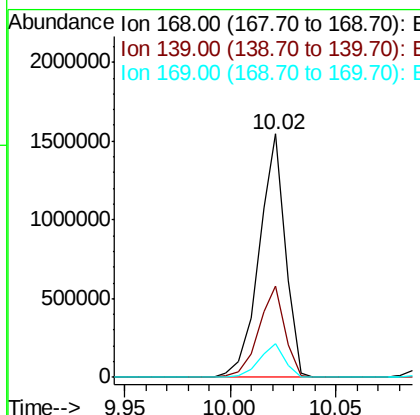
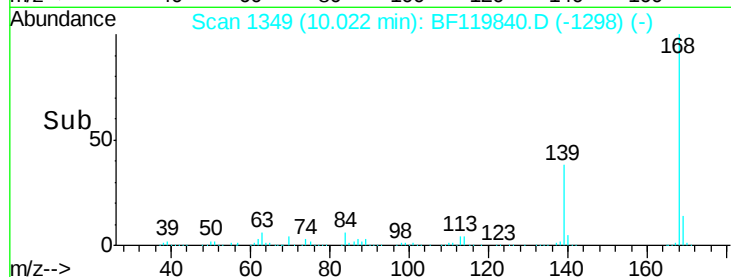
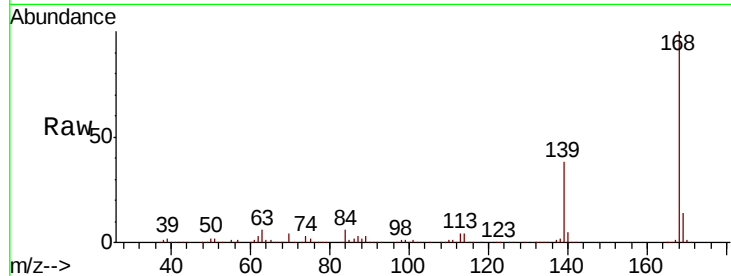
#55
Dibenzofuran
Concen: 40.396 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	13.7	10.6	15.8

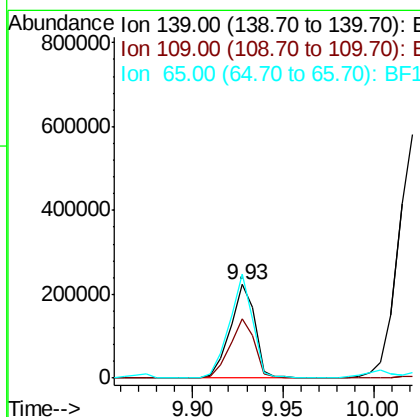
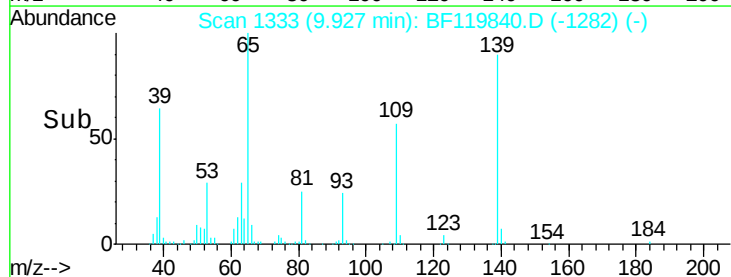
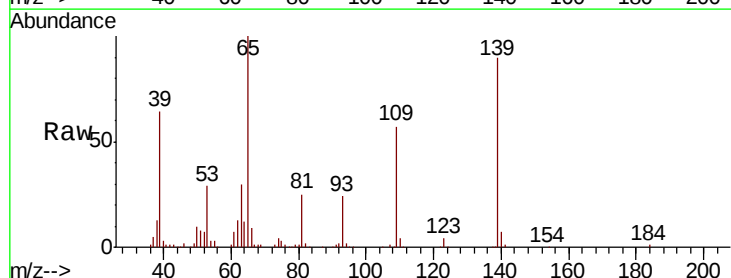
Manual Integrations
APPROVED

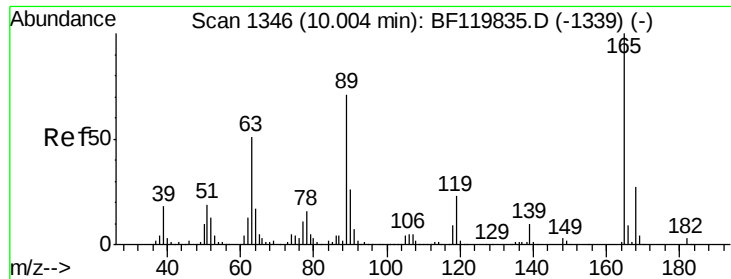
mohammad
4/10/2020 9:57:11 AM



#56
4-Nitrophenol
Concen: 40.724 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.2	45.5	85.5
65	111.4	92.3	132.3





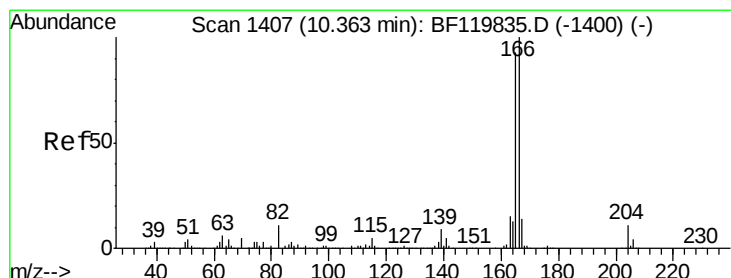
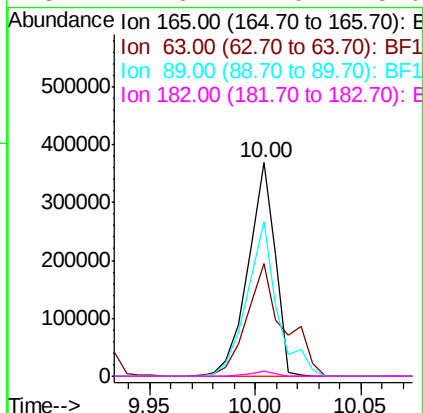
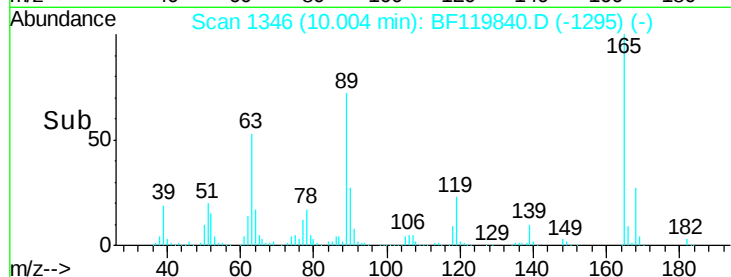
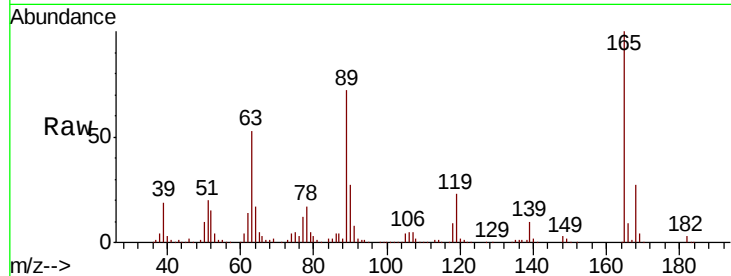
#57
2,4-Dinitrotoluene
Concen: 40.500 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.6	40.8	61.2
89	72.3	56.9	85.3
182	2.6	2.0	3.0

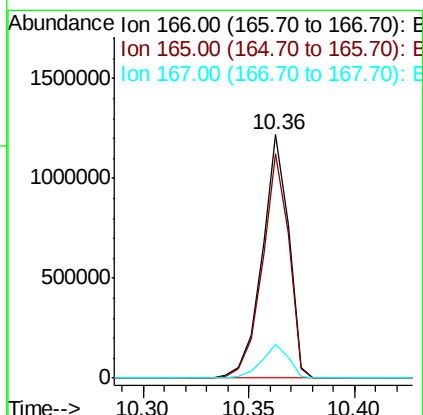
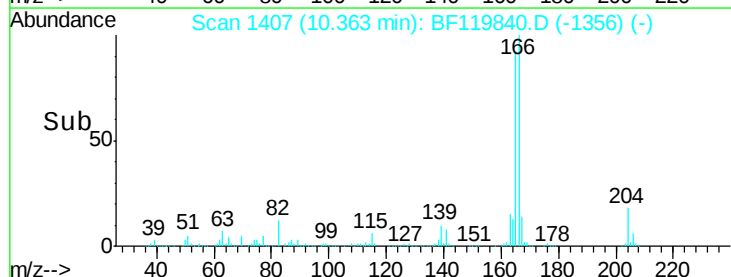
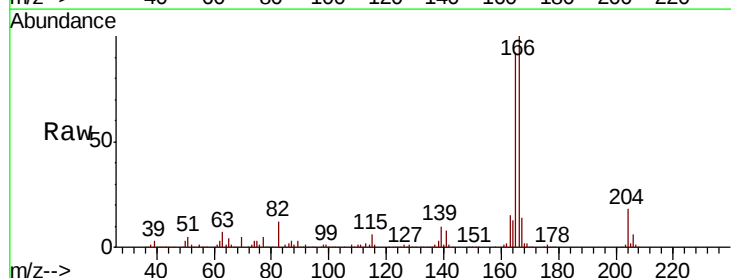
Manual Integrations
APPROVED

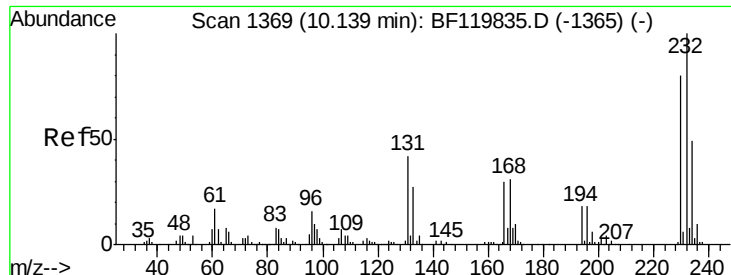
mohammad
4/10/2020 9:57:11 AM



#58
Fluorene
Concen: 40.284 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.4	74.2	111.2
167	13.6	10.8	16.2





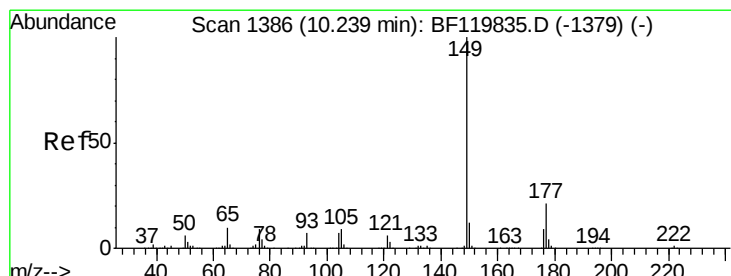
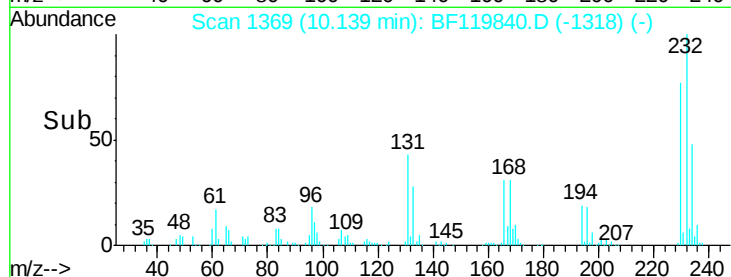
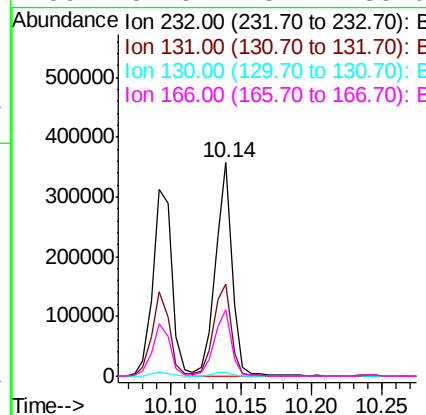
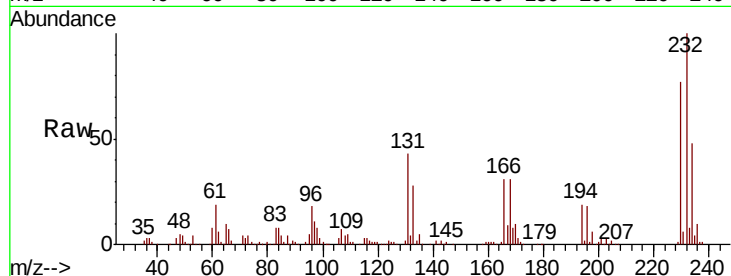
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.836 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		293317		
131	45.6	37.9	56.9		
130	2.2	1.8	2.6		
166	31.5	25.4	38.0		

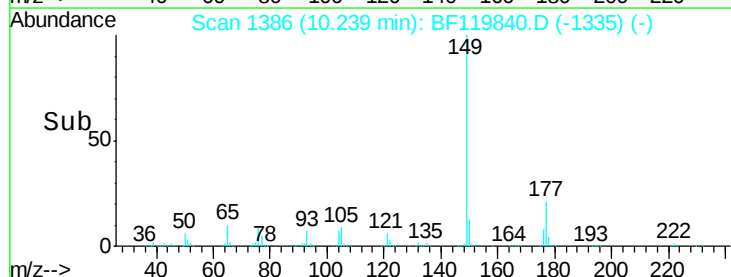
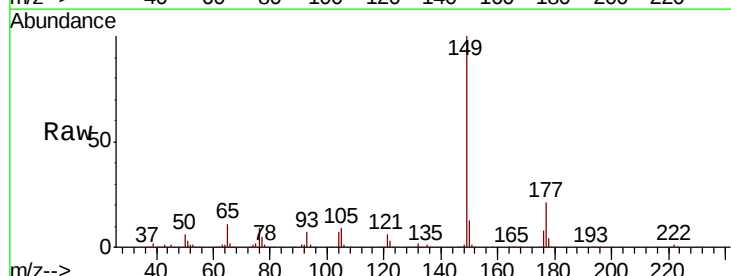
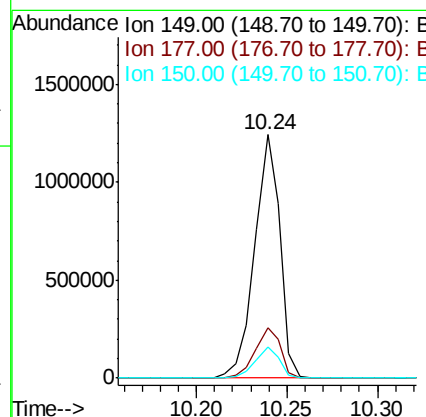
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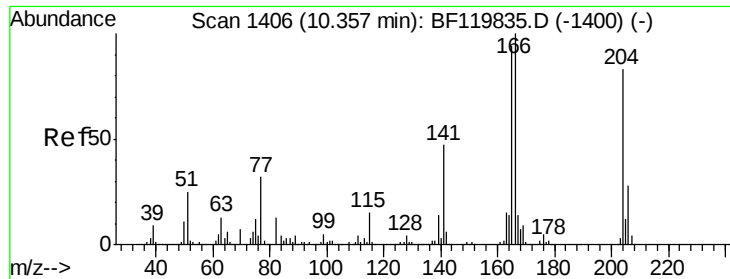
mohammad
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#60
 Diethylphthalate
 Concen: 40.980 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1197349		
177	20.8	16.8	25.2		
150	12.6	9.8	14.6		





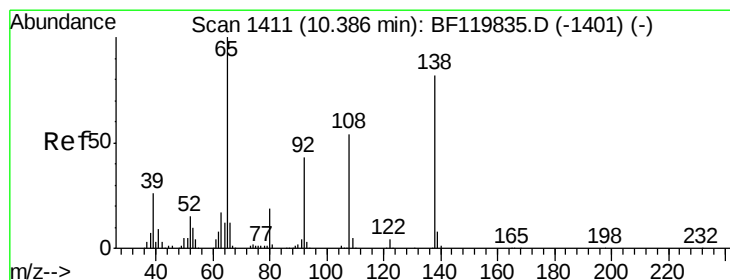
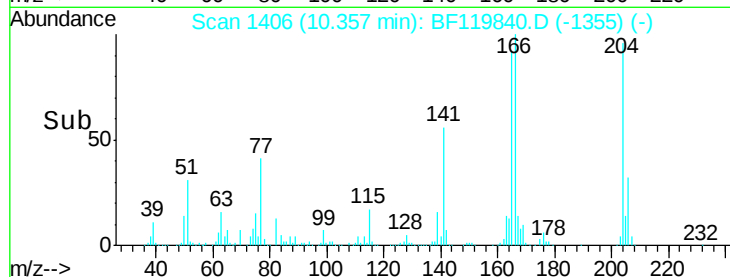
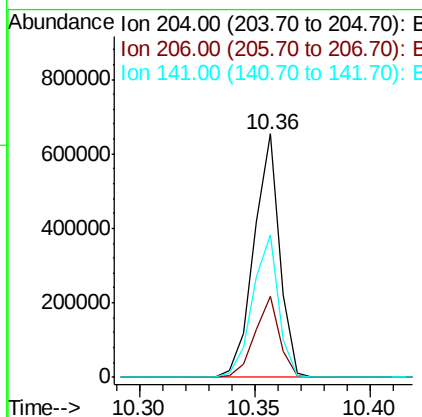
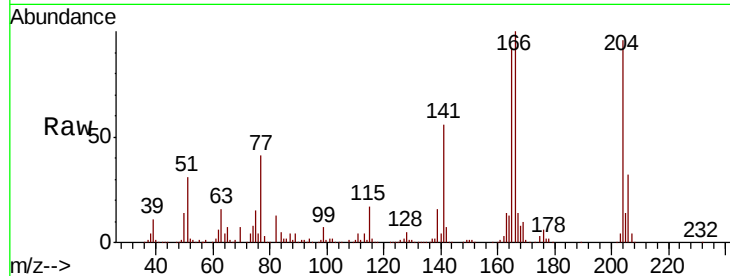
#61
 4-Chlorophenyl-phenylether
 Concen: 37.518 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion:	204	Resp:	507351
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.7	40.1
141	58.6	45.8	68.8

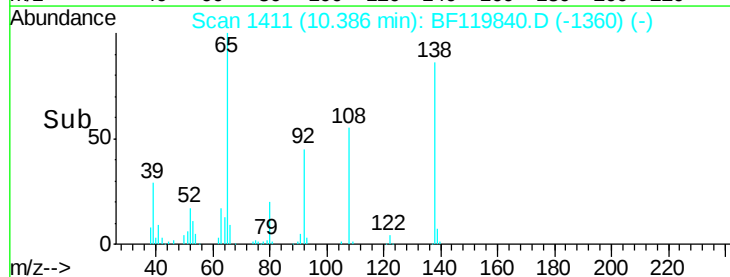
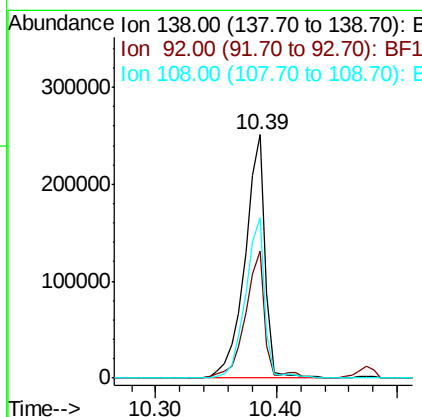
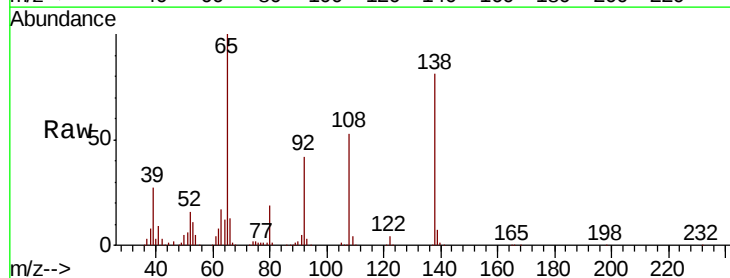
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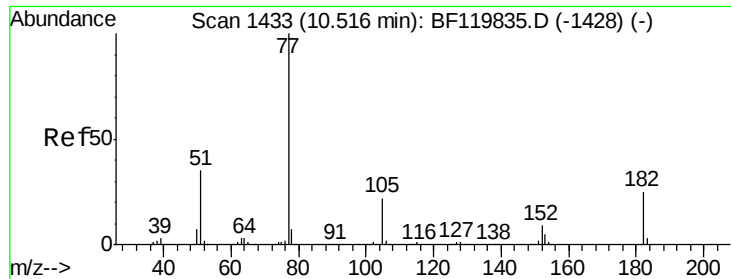
mohammad
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#62
 4-Nitroaniline
 Concen: 43.332 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:	138	Resp:	291160
Ion Ratio	Lower	Upper	
138	100		
92	52.4	31.6	71.6
108	65.8	45.2	85.2





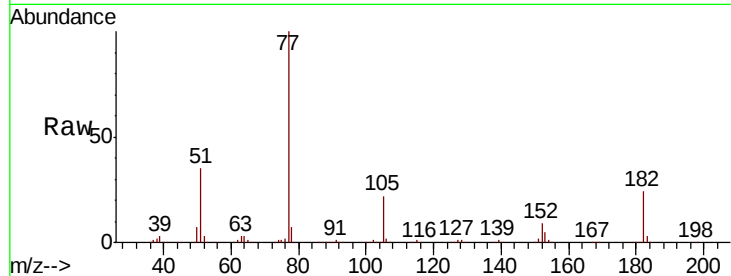
#63
Azobenzene
Concen: 42.067 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

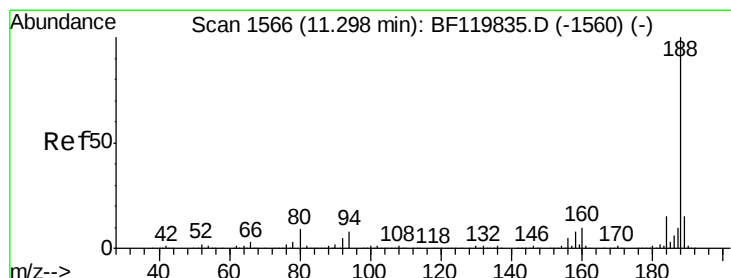
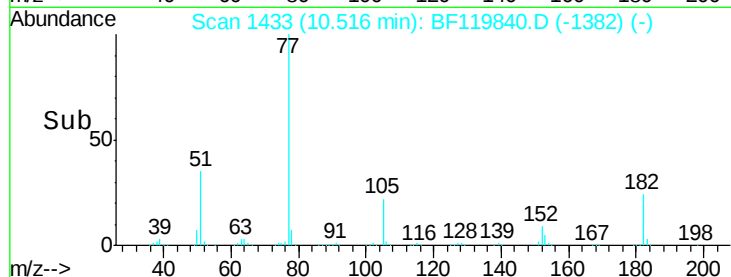
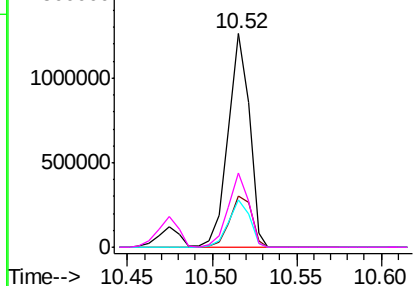
Tot Ion:	77	Resp:	1101523
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.5	44.5
105	22.3	2.2	42.2
51	34.9	15.1	55.1

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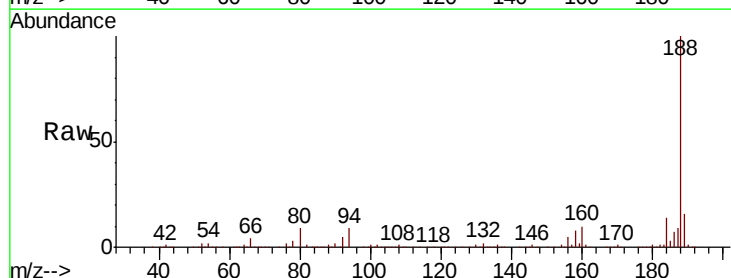


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

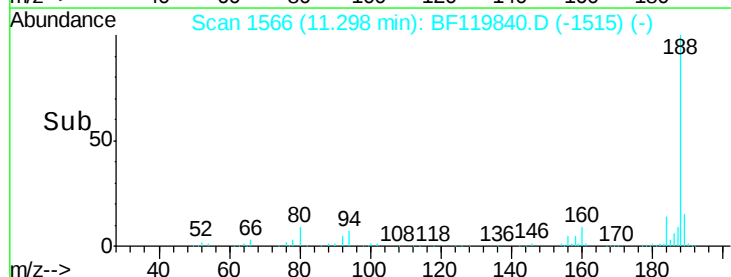
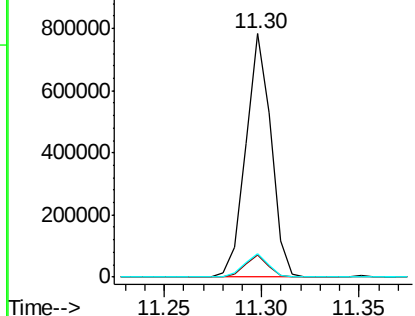


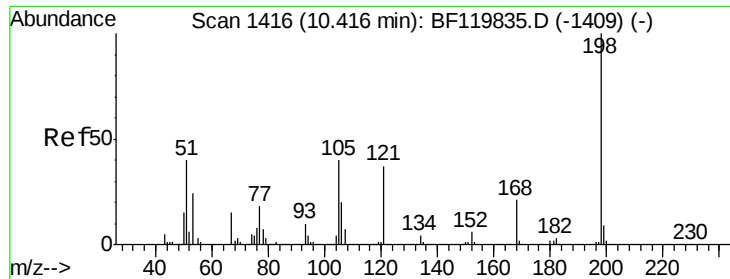
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	188	Resp:	698592
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	9.4	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): BF1
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





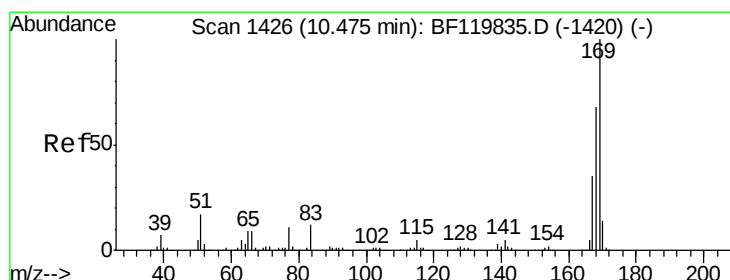
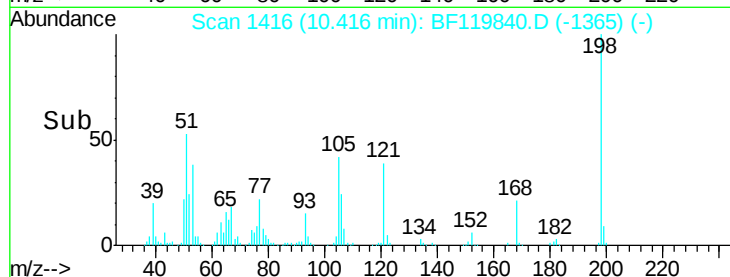
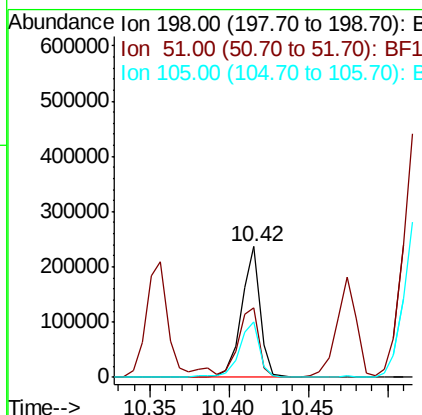
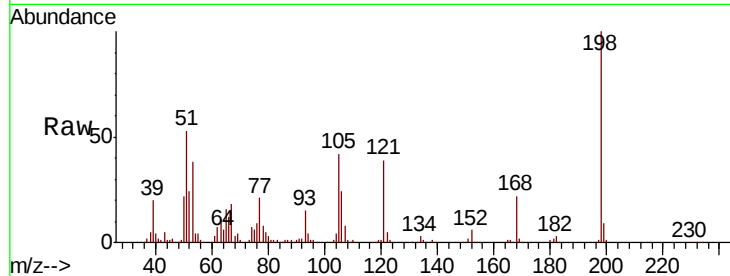
#65
4,6-Dinitro-2-methylphenol
Concen: 41.674 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Resp	Lower	Upper
198	100	191802		
51	52.9	25.2	65.2	
105	42.0	20.8	60.8	

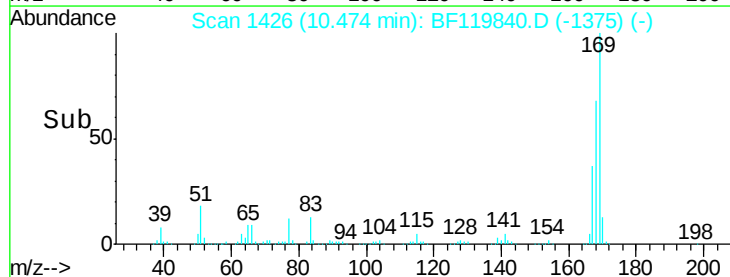
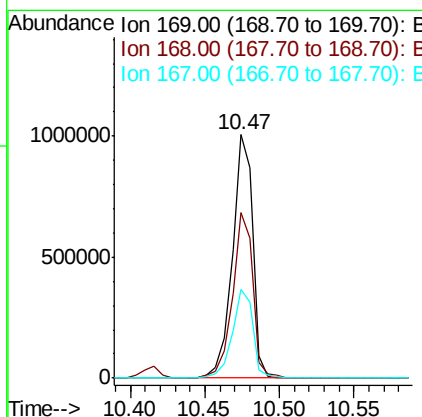
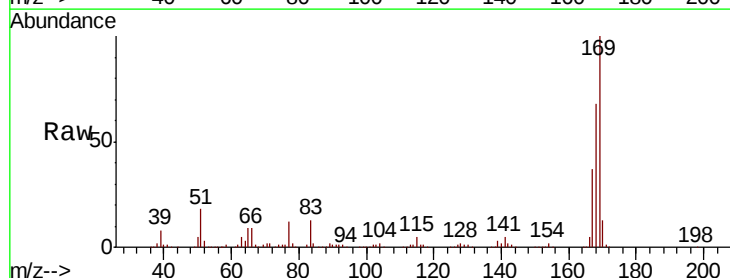
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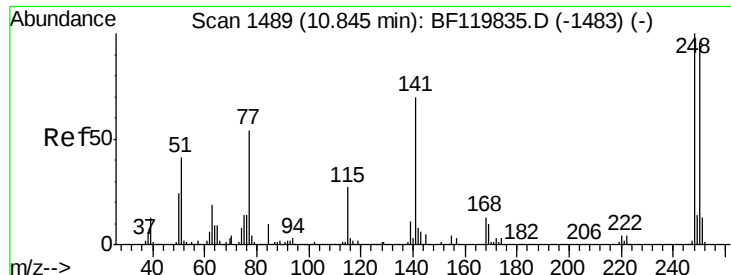
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#66
n-Nitrosodiphenylamine
Concen: 41.524 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	964738		
168	68.0	54.2	81.4	
167	36.6	28.3	42.5	





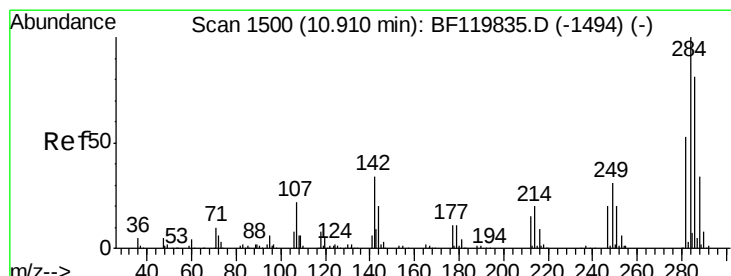
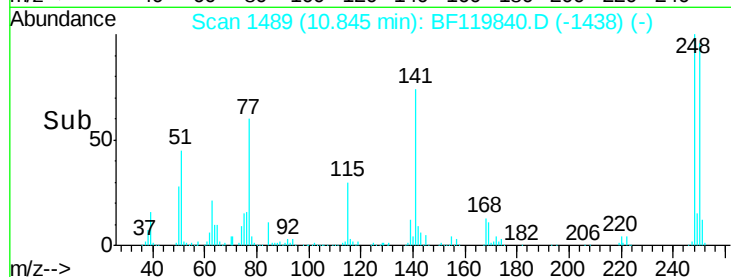
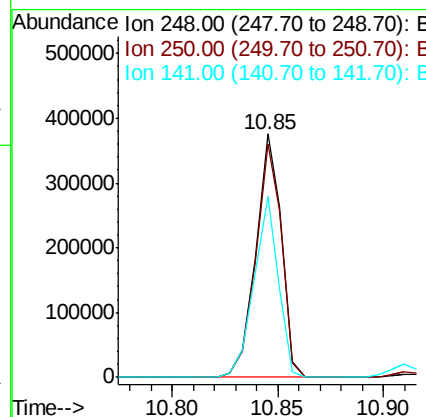
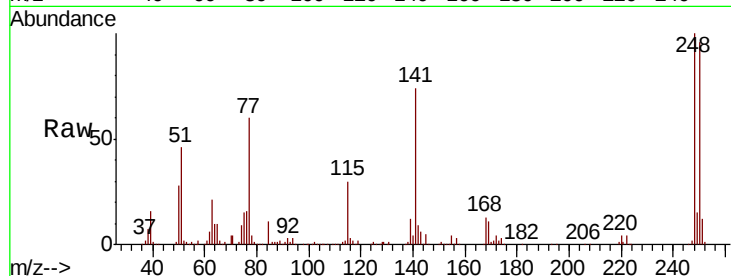
#67
 4-Bromophenyl-phenylether
 Concen: 36.443 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.6	114.8
141	74.2	55.9	83.9

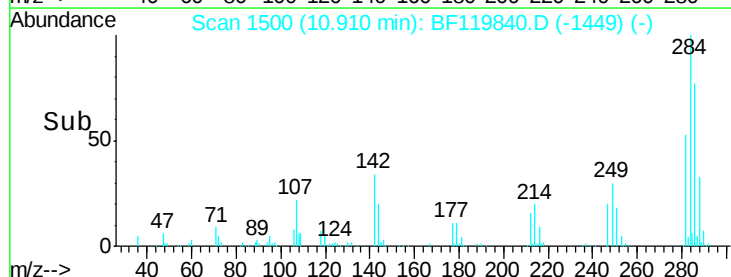
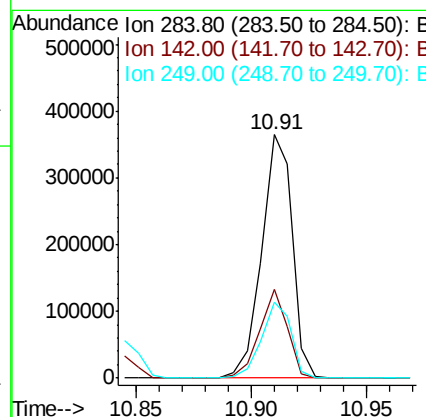
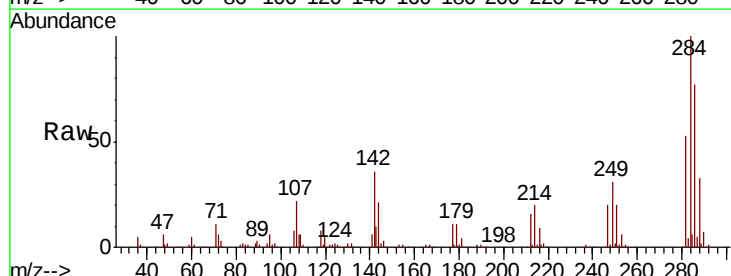
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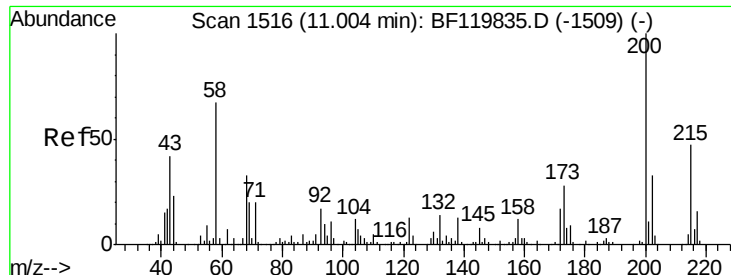
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#68
 Hexachlorobenzene
 Concen: 38.141 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	26.9	40.3
249	31.1	24.6	37.0





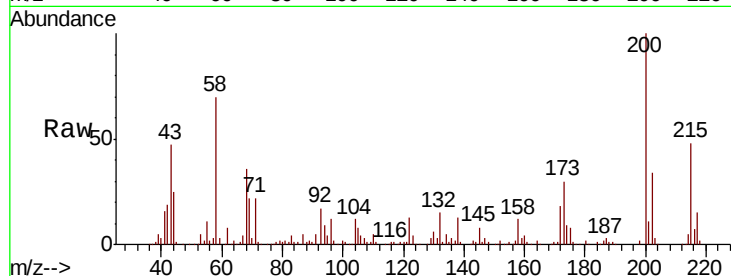
#69
Atrazine
Concen: 41.844 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

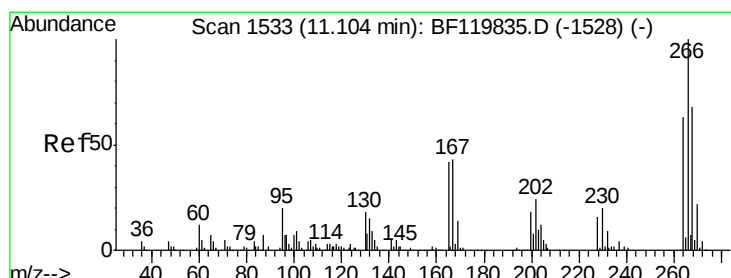
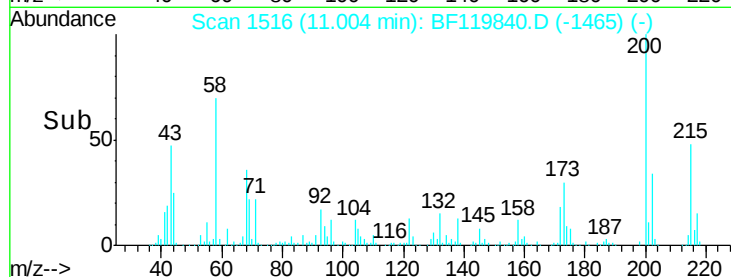
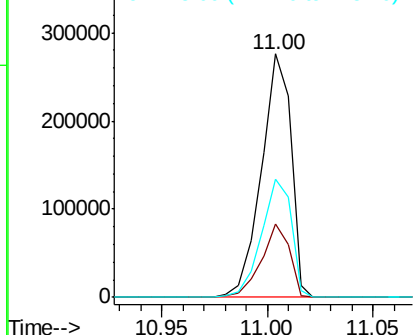
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.3	8.0	48.0
215	48.5	27.1	67.1

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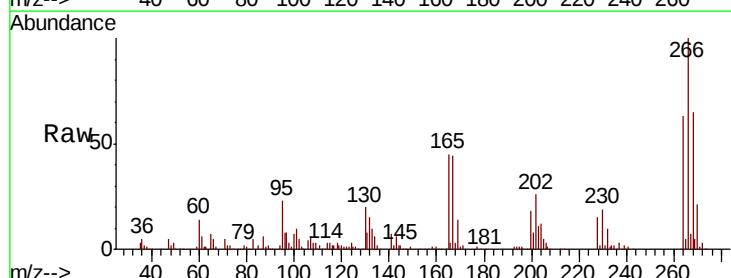


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

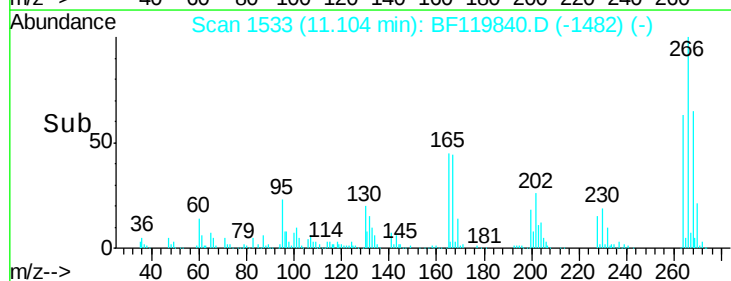
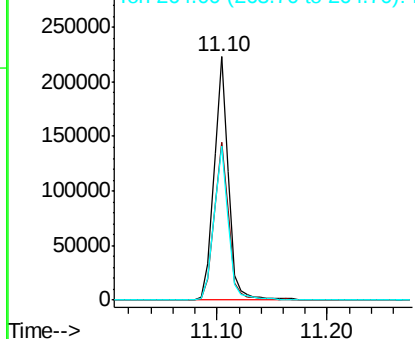


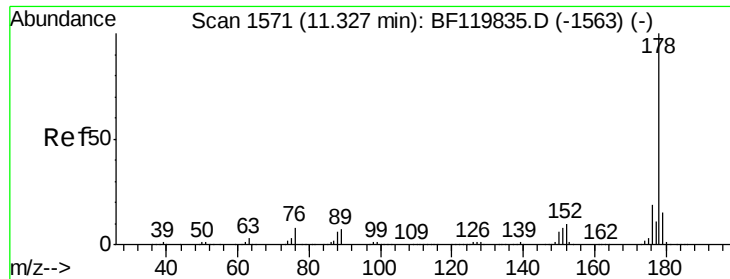
#70
Pentachlorophenol
Concen: 39.253 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	54.2	81.4
264	63.3	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.209 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

ICVBF040820

Tot Ion:178 Resp: 1494971

Ion Ratio Lower Upper

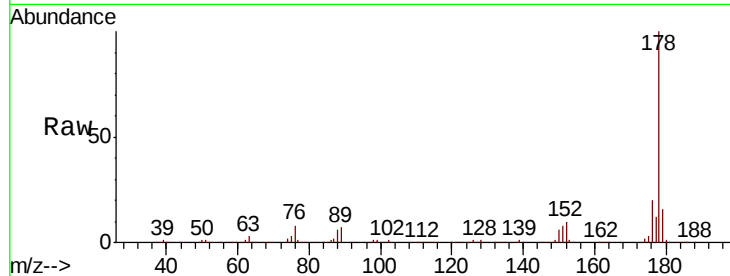
178 100

176 19.6 15.1 22.7

179 15.5 12.2 18.4

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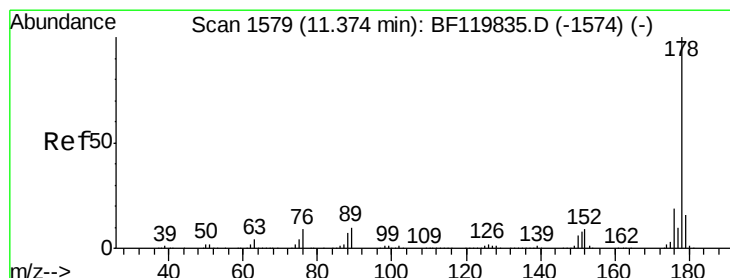
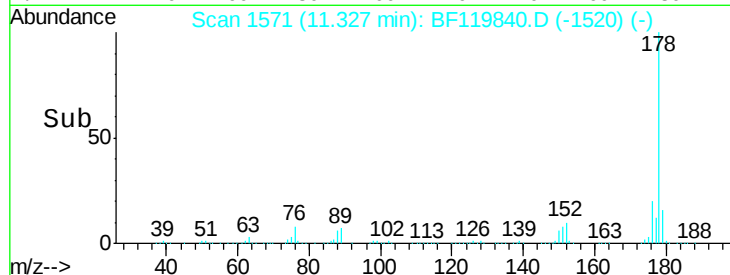
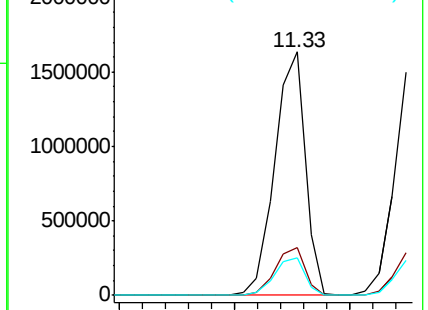
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.884 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Tgt Ion:178 Resp: 1552834

Ion Ratio Lower Upper

178 100

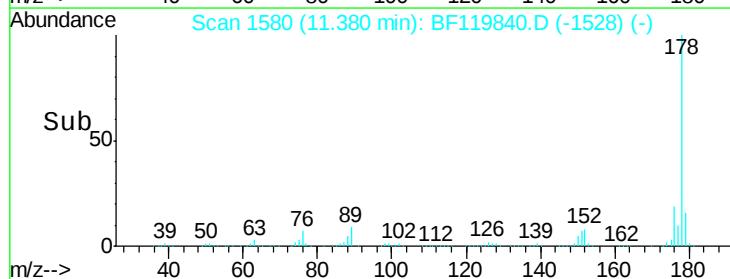
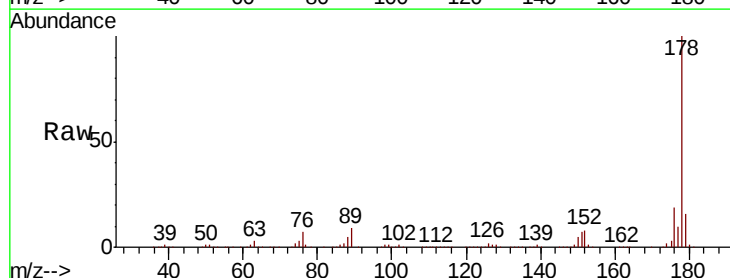
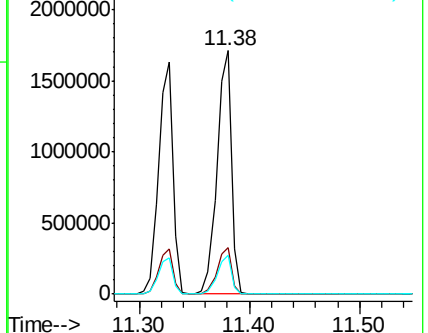
176 19.1 15.4 23.2

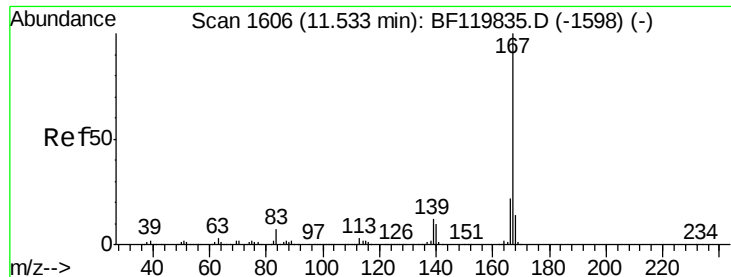
179 15.7 12.8 19.2

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





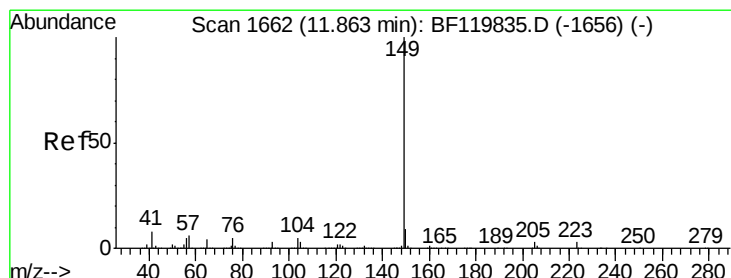
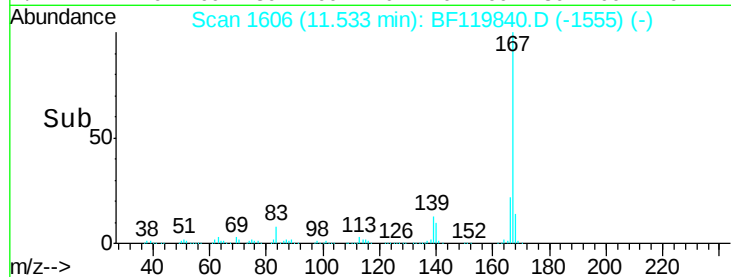
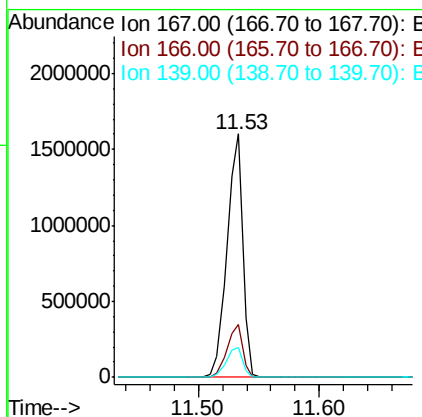
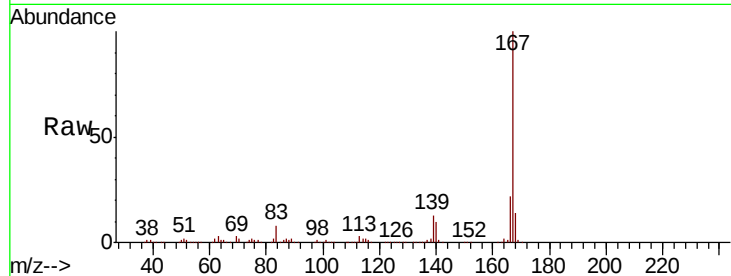
#73
 Carbazole
 Concen: 40.453 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.5	9.8	14.8

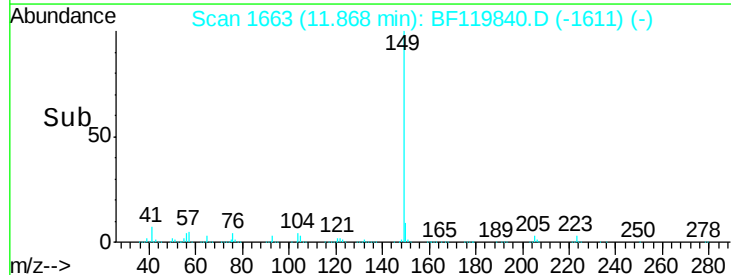
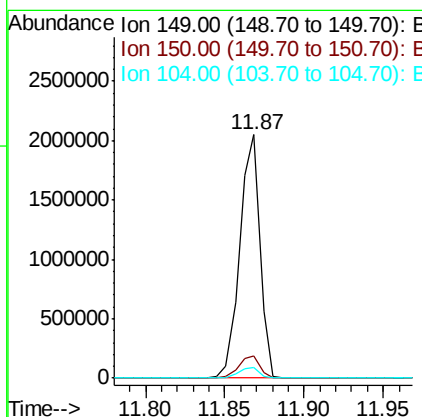
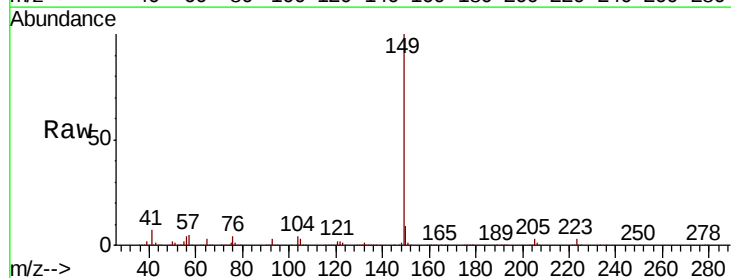
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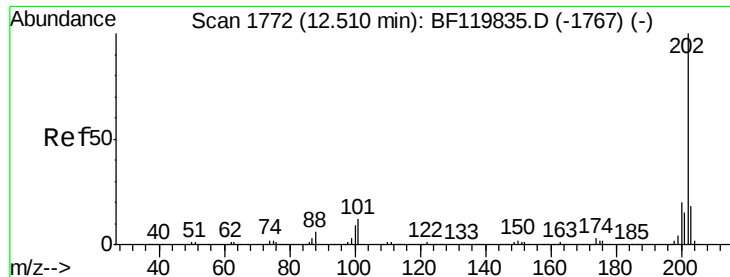
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#74
 Di-n-butylphthalate
 Concen: 38.205 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.5	3.8	5.6





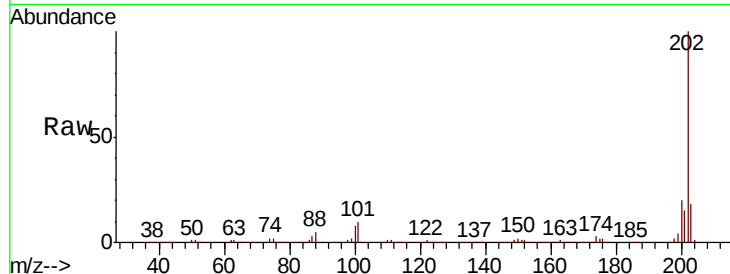
#75
Fluoranthene
 Concen: 41.602 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.3
203	18.1	0.0	37.6

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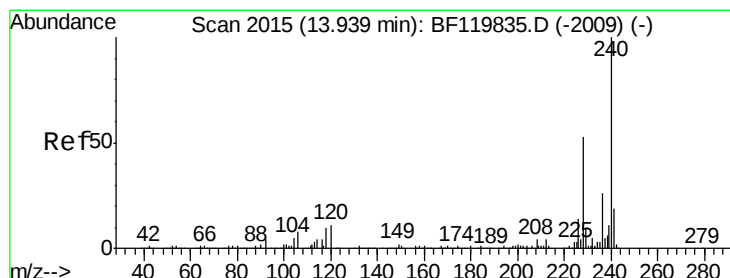
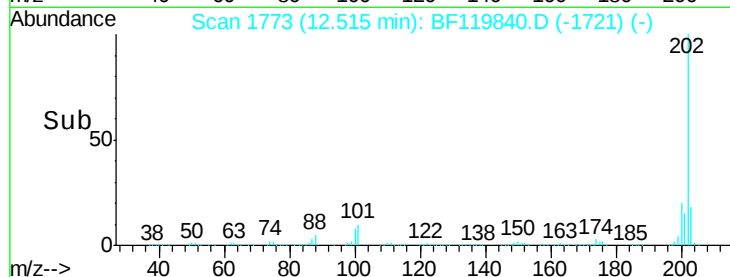
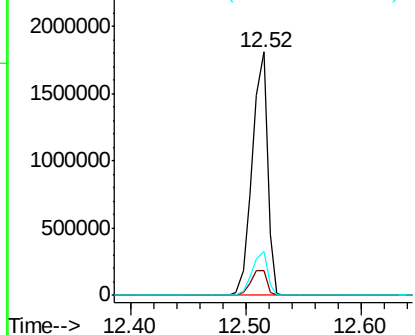


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

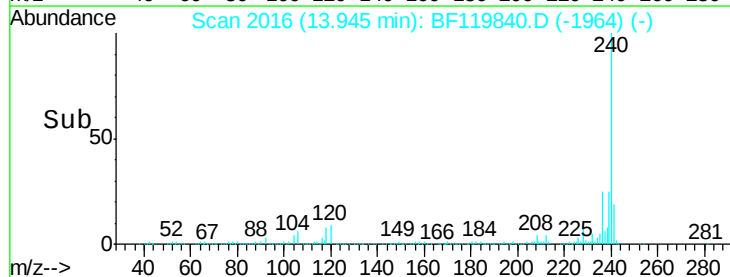
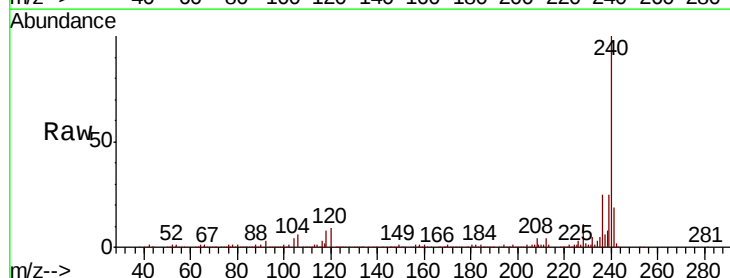
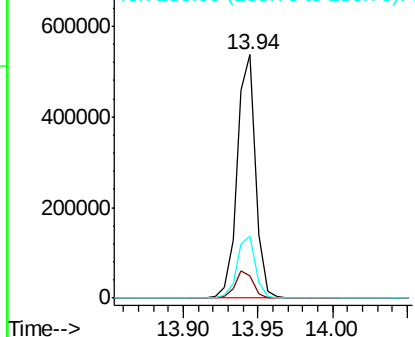
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.0	13.6
236	25.2	20.7	31.1

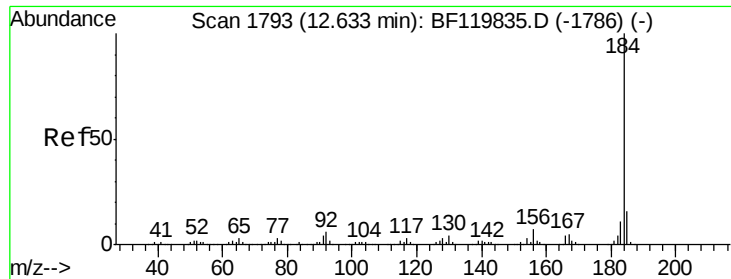
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.103 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

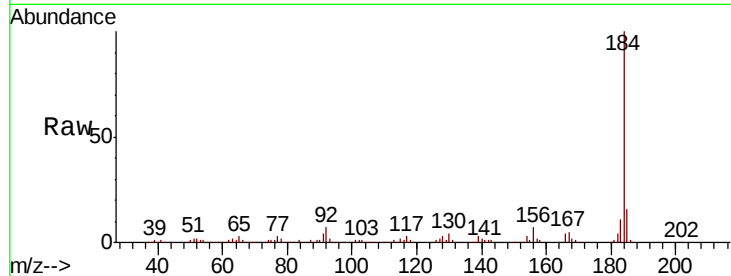
ClientSampleId :

ICVBF040820

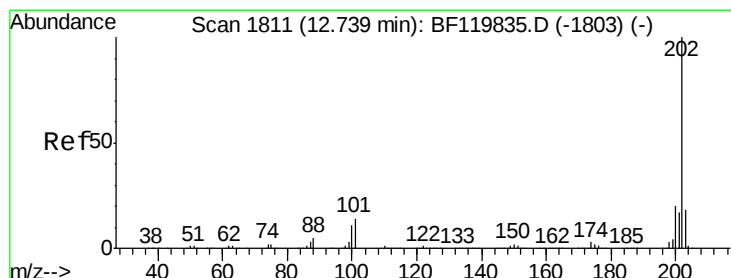
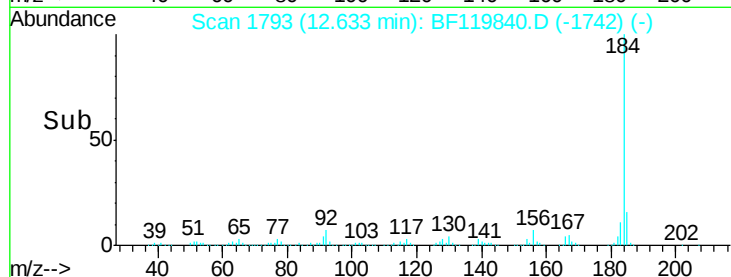
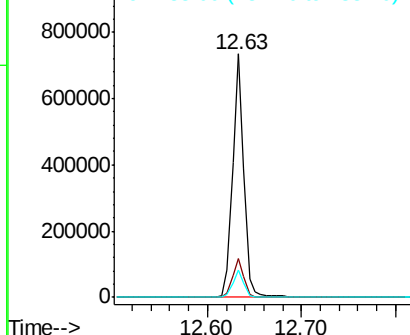
Tot Ion:	184	Resp:	611716
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.2	19.8
183	11.3	9.1	13.7

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



#78

Pyrene

Concen: 43.054 ng

RT: 12.74 min Scan# 1812

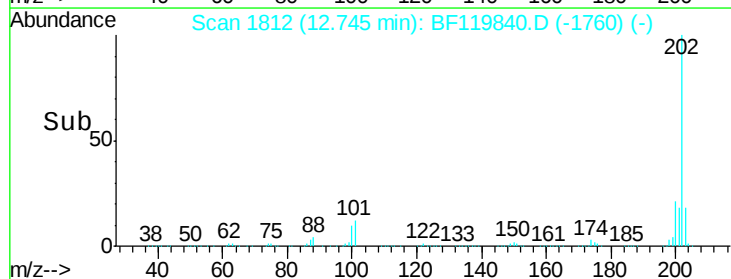
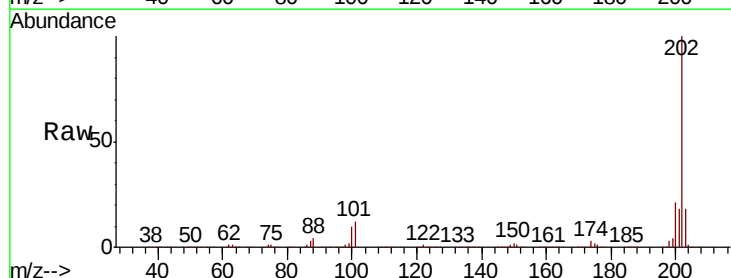
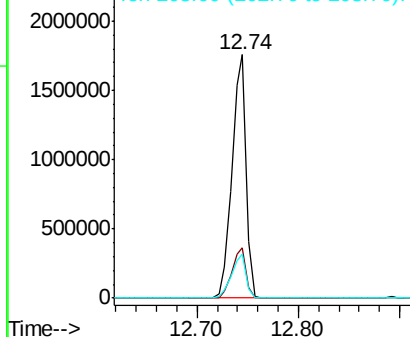
Delta R.T. 0.01 min

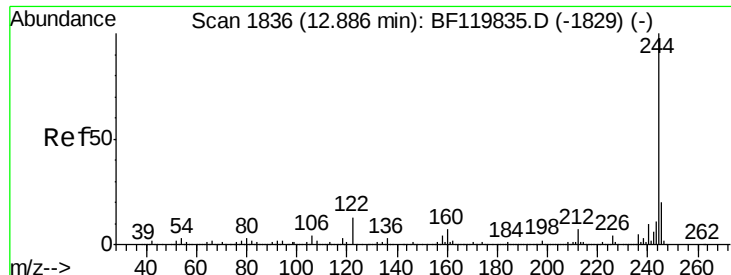
Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Tgt Ion:	202	Resp:	1679735
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.2	24.2
203	17.8	14.1	21.1

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





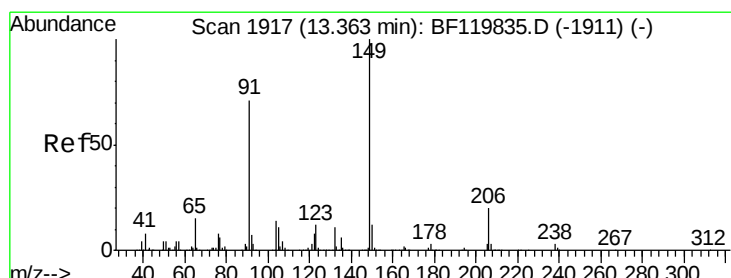
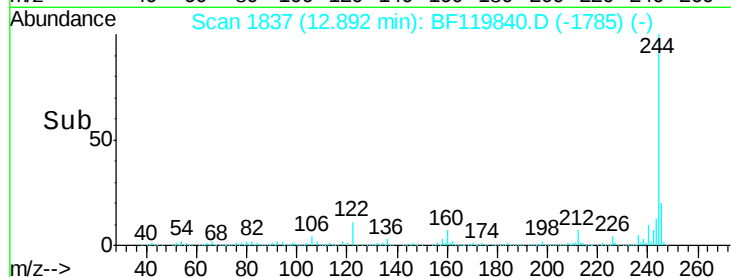
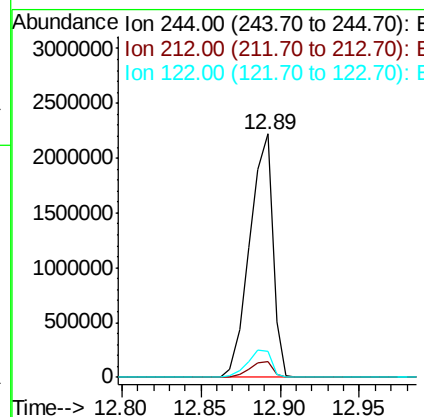
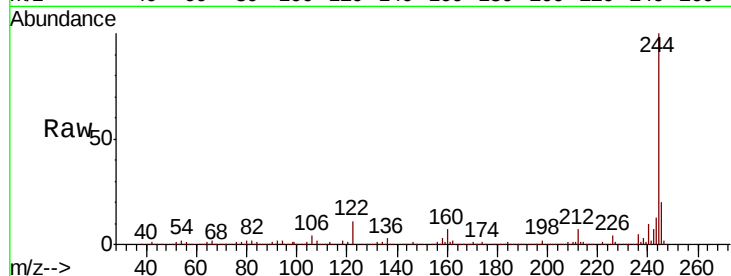
#79
 Terphenyl-d14
 Concen: 81.539 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040820

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	10.3	15.5

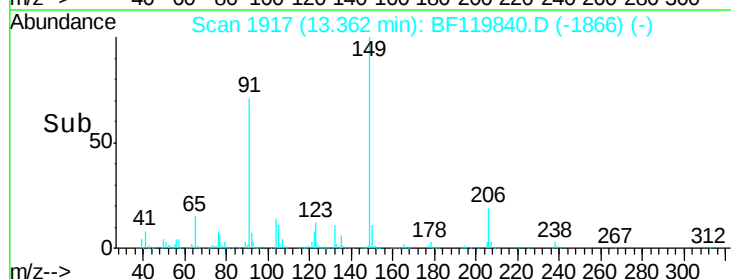
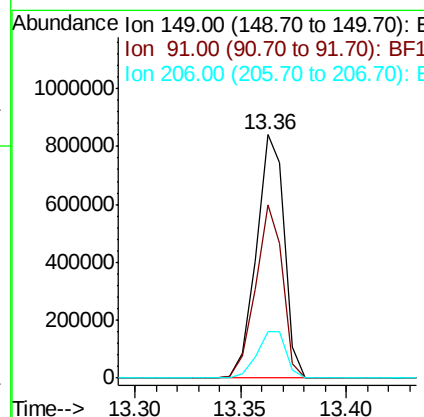
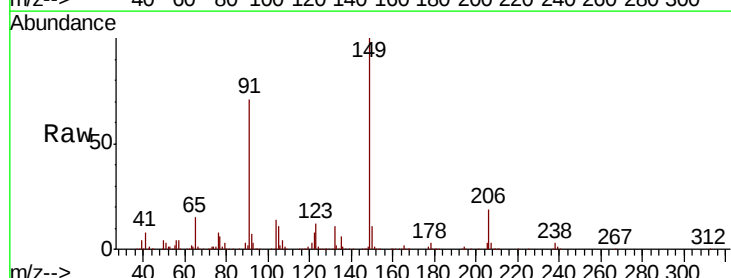
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#80
 Butylbenzylphthalate
 Concen: 40.821 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.7	85.1
206	19.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.976 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

ICVBF040820

Tot Ion:228 Resp: 1217090

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

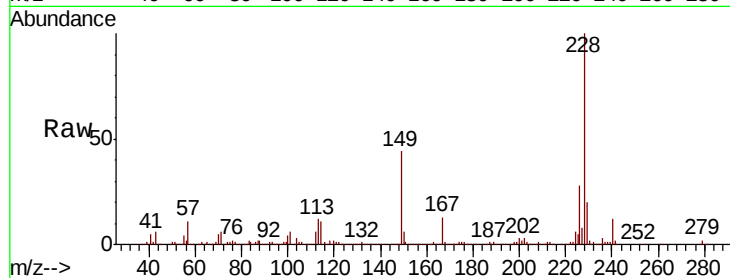
229 19.9 15.9 23.9

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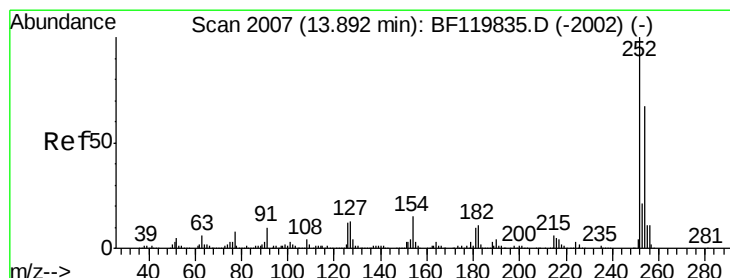
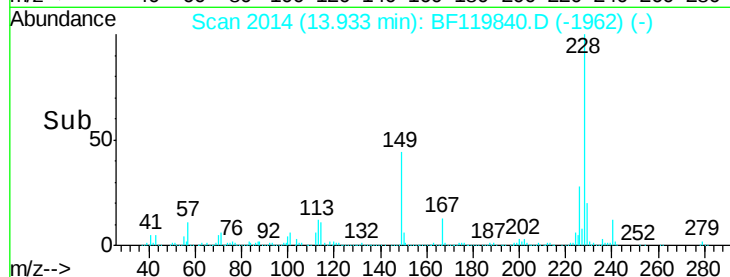
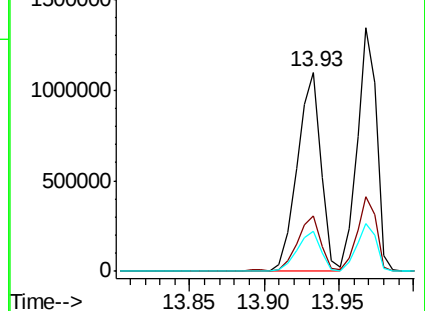
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.893 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Tgt Ion:252 Resp: 464540

Ion Ratio Lower Upper

252 100

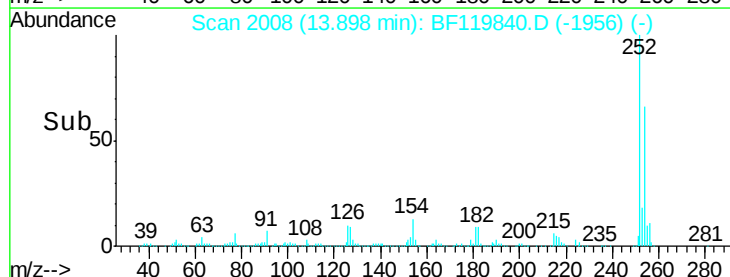
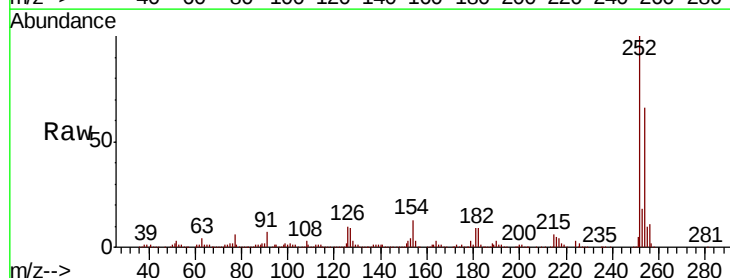
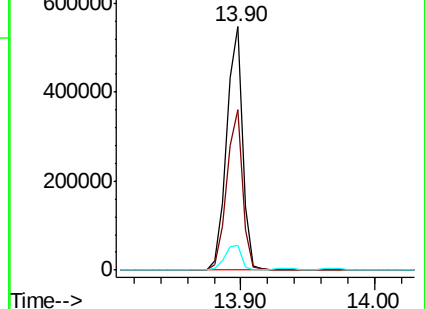
254 66.0 53.9 80.9

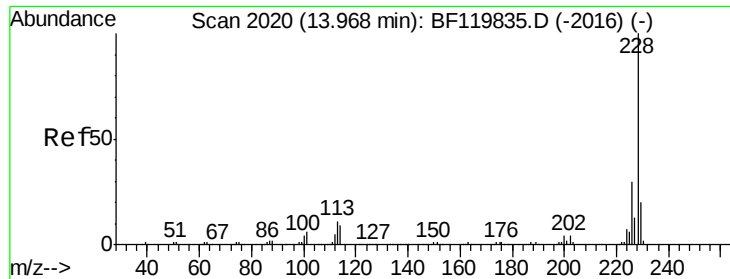
126 9.9 9.7 14.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





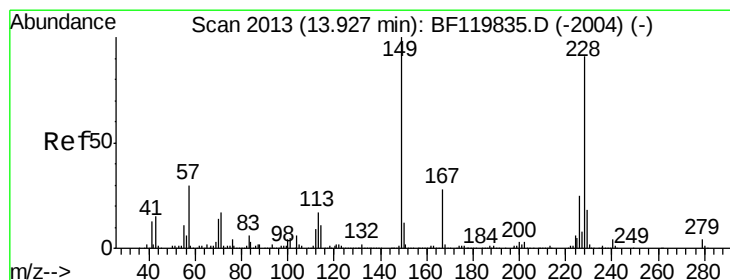
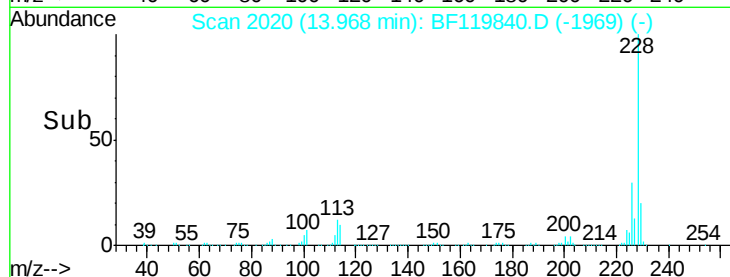
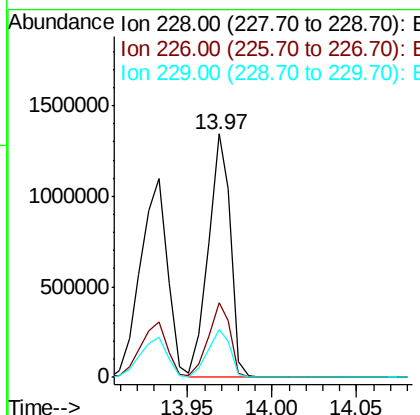
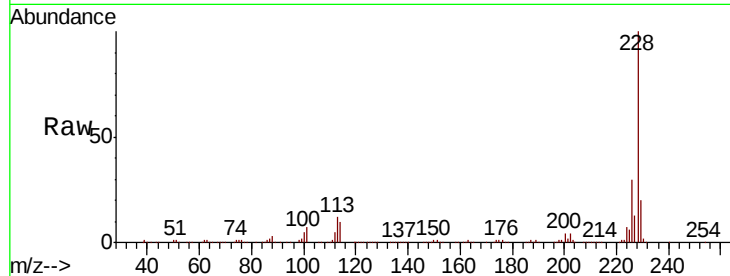
#83
Chrysene
Concen: 39.595 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.5	24.2	36.2	
229	19.8	15.9	23.9	

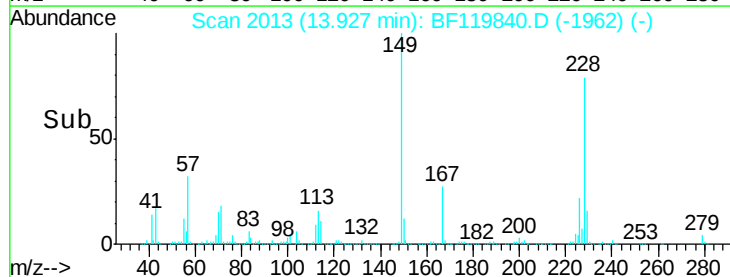
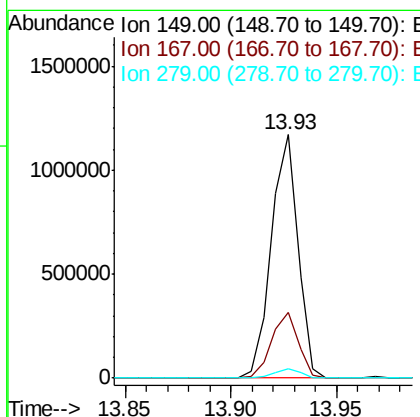
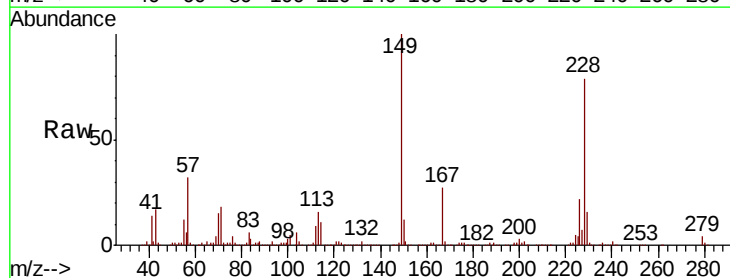
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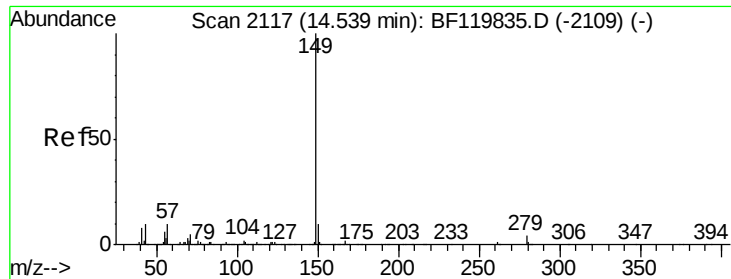
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.178 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.2	22.2	33.2	
279	4.0	3.4	5.0	





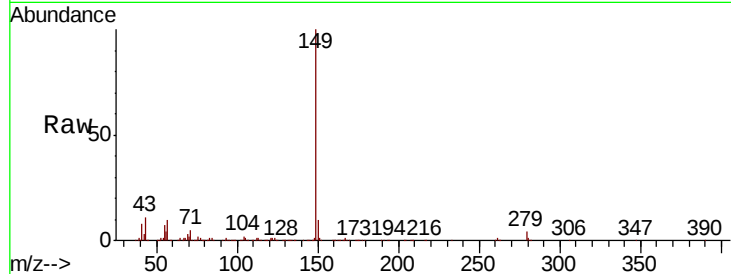
#85
Di-n-octyl phthalate
Concen: 41.089 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

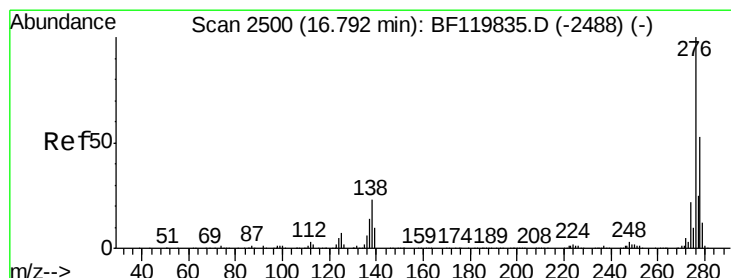
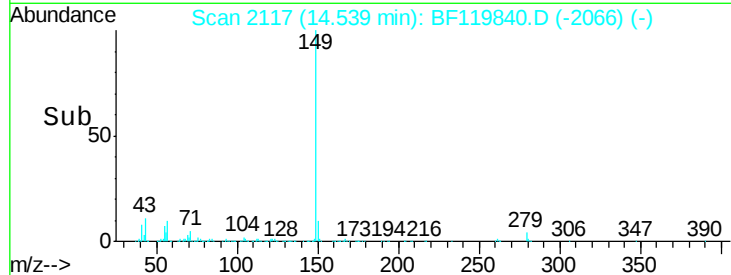
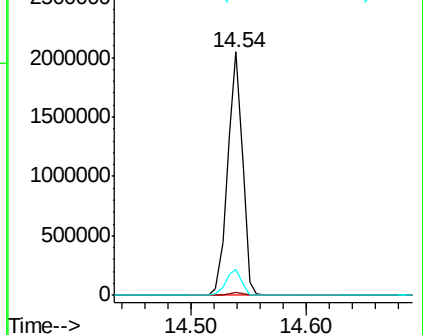
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.3	9.2	13.8

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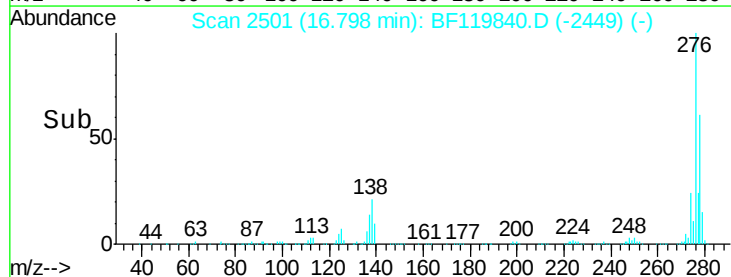
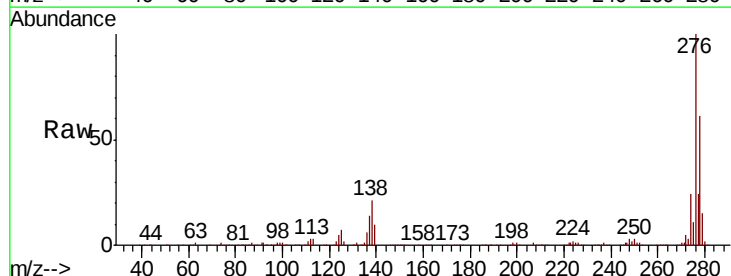
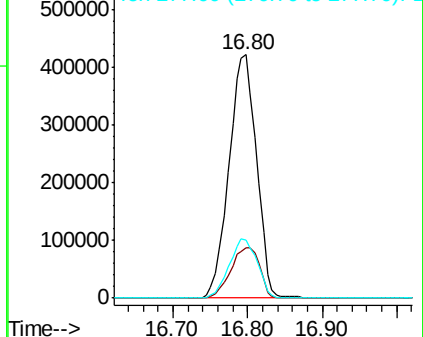
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

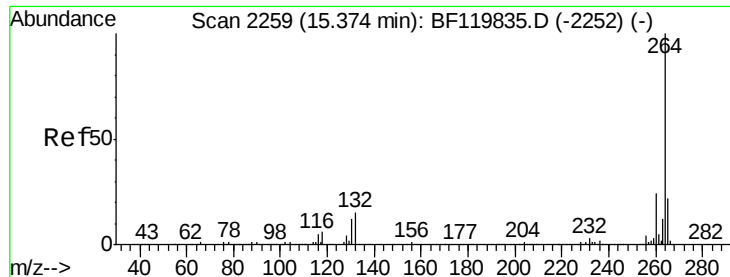


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.633 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.0	27.0
277	24.9	20.1	30.1

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





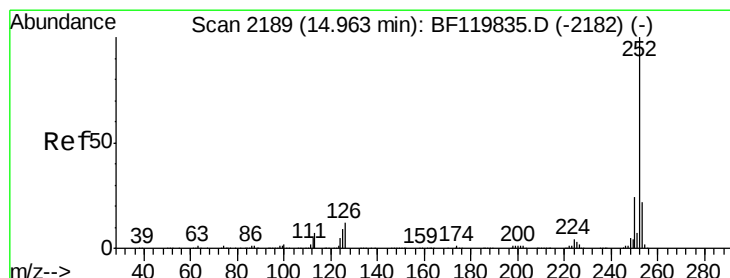
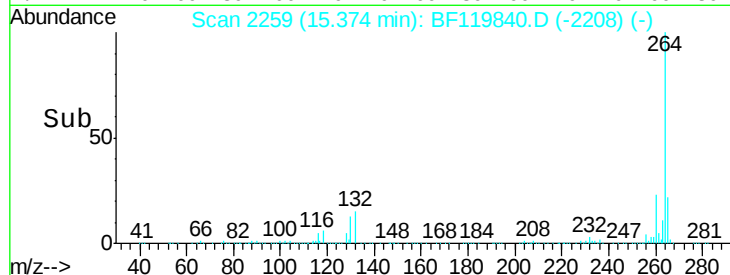
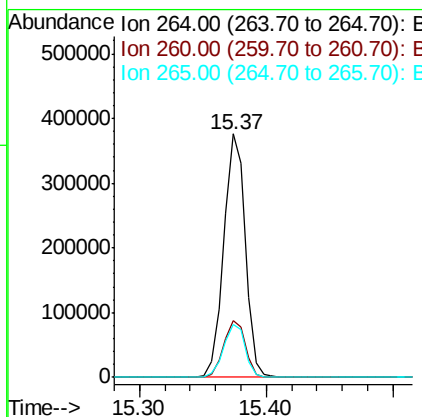
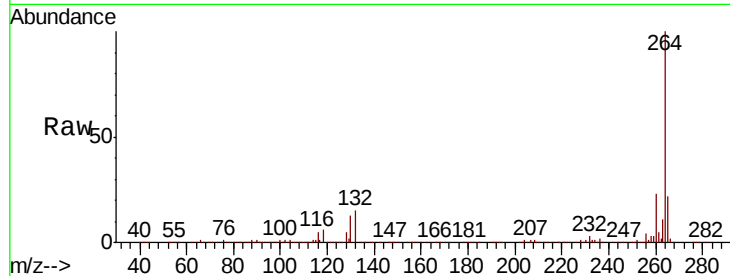
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion:	264	Resp:	441483
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.3	28.9
265	21.7	17.6	26.4

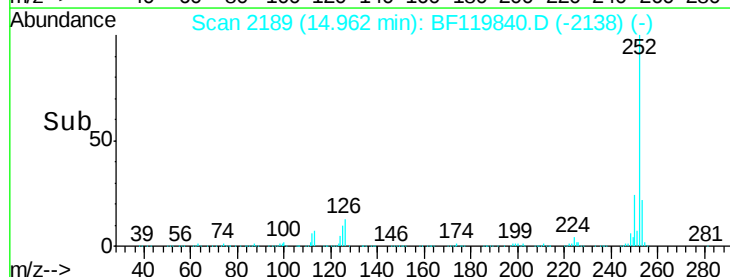
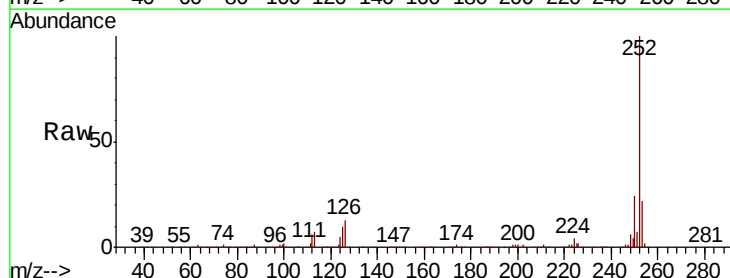
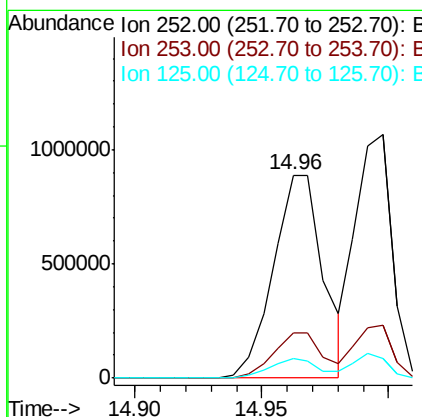
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#88
Benzo(b)fluoranthene
Concen: 38.590 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	252	Resp:	1225592
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	9.7	7.4	11.2





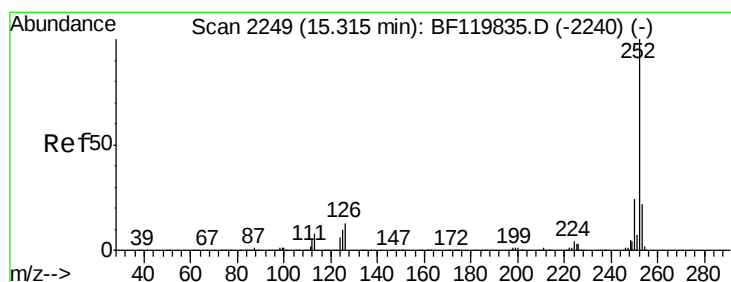
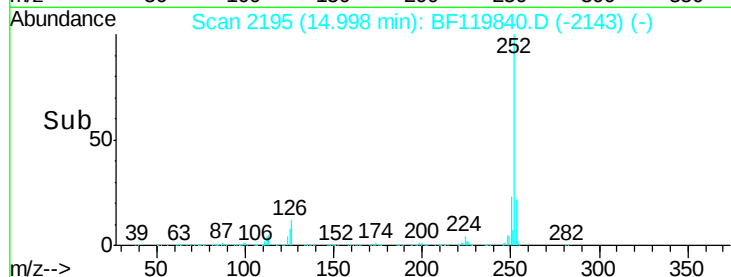
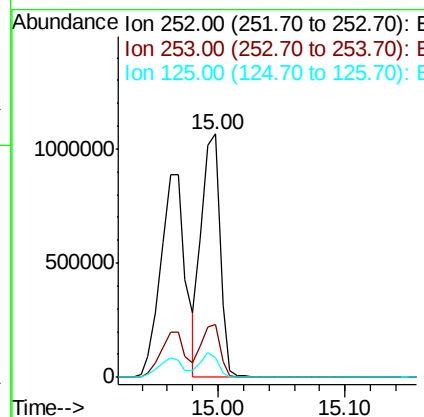
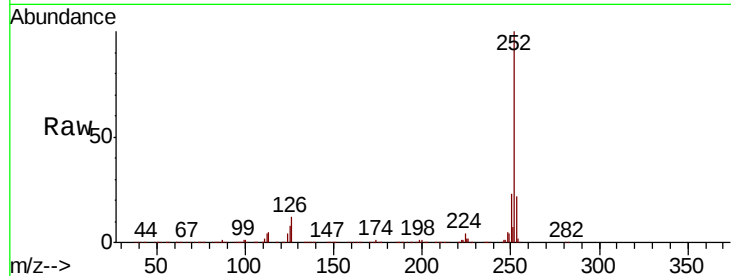
#89
Benzo(k)fluoranthene
Concen: 39.480 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampled :
ICVBF040820

Tot Ion:252 Resp: 1081835
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 8.2 7.7 11.5

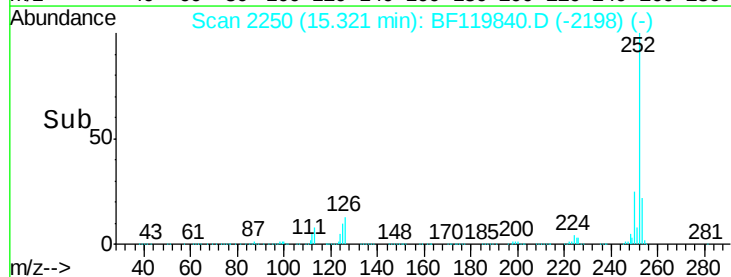
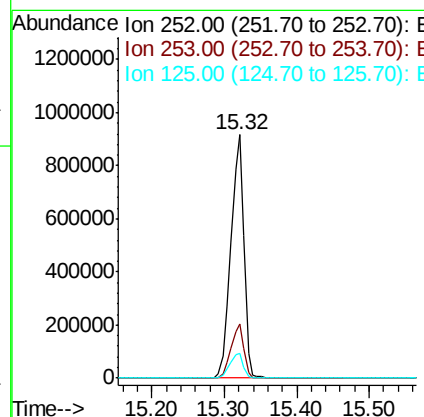
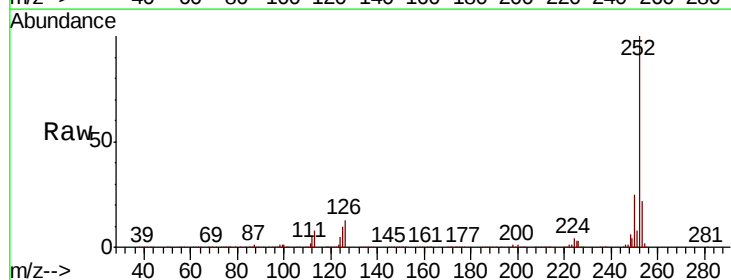
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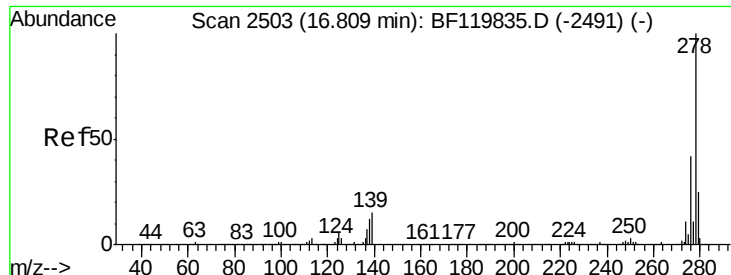
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#90
Benzo(a)pyrene
Concen: 43.191 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:252 Resp: 1153344
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.2 8.3 12.5





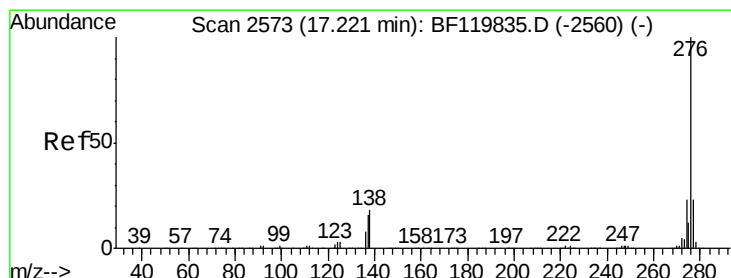
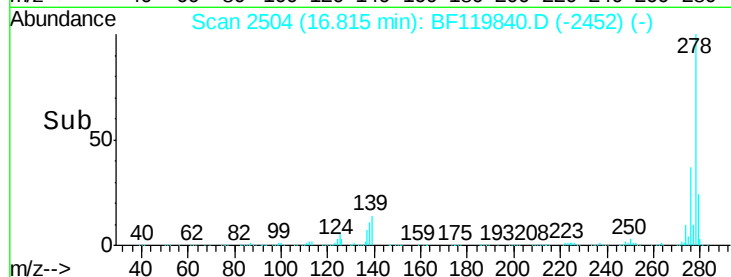
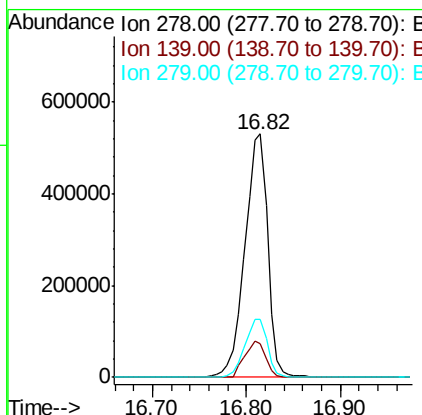
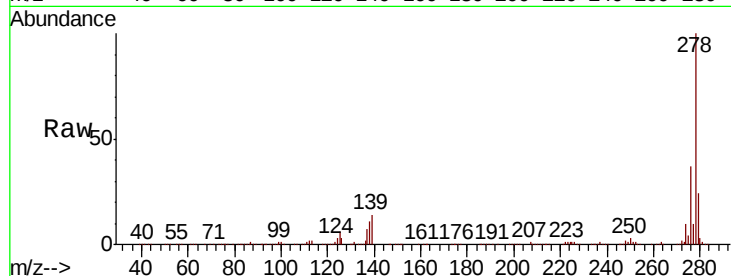
#91
Dibenzo(a,h)anthracene
Concen: 37.780 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :
ICVBF040820

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.6	17.4
279	24.0	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:11 AM



#92
Benzo(g,h,i)perylene
Concen: 37.229 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	18.7	14.6	22.0

