

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119963.D
 Acq On : 14 Apr 2020 20:18
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 4/16/2020 12:51:26 PM

Quant Time: Apr 15 02:55:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	213640	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	805417	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	410475	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	795069	20.00	ng	0.00
76) Chrysene-d12	13.90	240	568028	20.00	ng	0.00
87) Perylene-d12	15.33	264	486443	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	996697	80.63	ng	0.00
7) Phenol-d6	6.37	99	1273629	79.96	ng	0.00
23) Nitrobenzene-d5	7.31	82	1166260	74.91	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	339408	67.54	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2156793	74.60	ng	0.00
79) Terphenyl-d14	12.86	244	2215297	65.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	222677	40.442	ng	96
3) Pyridine	3.09	79	606440	40.144	ng	98
4) n-Nitrosodimethylamine	3.05	42	285467	36.984	ng	90
6) Aniline	6.40	93	842101	40.278	ng	100
8) 2-Chlorophenol	6.52	128	549311	39.769	ng	98
9) Benzaldehyde	6.29	77	348562	41.410	ng	97
10) Phenol	6.39	94	715668	39.602	ng	100
11) bis(2-Chloroethyl)ether	6.47	93	541438	38.803	ng	97
12) 1,3-Dichlorobenzene	6.67	146	590108	39.023	ng	99
13) 1,4-Dichlorobenzene	6.76	146	588514	38.205	ng	96
14) 1,2-Dichlorobenzene	6.91	146	554038	39.027	ng	97
15) Benzyl Alcohol	6.88	79	460168	37.194	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	985351	36.290	ng	98
17) 2-Methylphenol	7.00	107	484484	39.304	ng	98
18) Hexachloroethane	7.25	117	221621	38.497	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	384264	37.514	ng	98
20) 3+4-Methylphenols	7.15	107	594278	39.420	ng	95
22) Acetophenone	7.15	105	701284	37.183	ng	# 96
24) Nitrobenzene	7.33	77	592590	37.838	ng	94
25) Isophorone	7.57	82	1101594	36.706	ng	99
26) 2-Nitrophenol	7.64	139	297948	38.079	ng	98
27) 2,4-Dimethylphenol	7.68	122	440804	37.354	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	662182	37.496	ng	100
29) 2,4-Dichlorophenol	7.88	162	456389	37.731	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	507468	37.026	ng	97
31) Naphthalene	8.05	128	1586922	37.449	ng	100
32) Benzoic acid	7.81	122	331440	31.980	ng	96
33) 4-Chloroaniline	8.10	127	694251	37.634	ng	97
34) Hexachlorobutadiene	8.16	225	297814	36.299	ng	99
35) Caprolactam	8.47	113	137749	37.228	ng	# 86
36) 4-Chloro-3-methylphenol	8.58	107	491089	37.499	ng	99
37) 2-Methylnaphthalene	8.74	142	1056012	36.757	ng	98
38) 1-Methylnaphthalene	8.84	142	990890	36.593	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	478606	36.916	ng	100

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

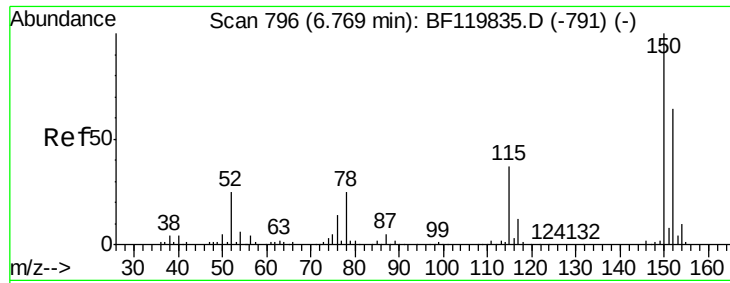
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Quant Time: Apr 15 02:55:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	310215	42.079	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	331797	37.061	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	383320	38.015	nq	96
46) 1,1'-Biphenyl	9.20	154	1312049	37.870	nq	99
47) 2-Chloronaphthalene	9.23	162	1005715	37.682	nq	98
48) 2-Nitroaniline	9.32	65	367100	37.955	nq	97
49) Acenaphthylene	9.64	152	1563307	38.515	nq	99
50) Dimethylphthalate	9.51	163	1174114	36.980	nq	100
51) 2,6-Dinitrotoluene	9.57	165	258500	37.180	nq	93
52) Acenaphthene	9.82	154	1014538m	37.470	nq	
53) 3-Nitroaniline	9.74	138	306460	38.594	nq	97
54) 2,4-Dinitrophenol	9.85	184	134470	32.305	nq	98
55) Dibenzofuran	9.99	168	1398508	37.639	nq	98
56) 4-Nitrophenol	9.90	139	216236	36.599	nq	95
57) 2,4-Dinitrotoluene	9.97	165	348200	38.012	nq	95
58) Fluorene	10.33	166	1067890	35.938	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	291223	37.763	nq	97
60) Diethylphthalate	10.21	149	1201450	36.511	nq	100
61) 4-Chlorophenyl-phenylether	10.32	204	534907	35.122	nq	96
62) 4-Nitroaniline	10.35	138	304184	40.196	nq	98
63) Azobenzene	10.48	77	1126779	38.209	nq	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	170616	32.573	nq	88
66) n-Nitrosodiphenylamine	10.45	169	988897	37.399	nq	98
67) 4-Bromophenyl-phenylether	10.82	248	342526	34.642	nq	95
68) Hexachlorobenzene	10.88	284	350869	34.980	nq	93
69) Atrazine	10.97	200	271774	36.941	nq	98
70) Pentachlorophenol	11.07	266	186490	32.263	nq	99
71) Phenanthrene	11.29	178	1561656	36.906	nq	99
72) Anthracene	11.34	178	1584374	36.653	nq	99
73) Carbazole	11.50	167	1513814	37.032	nq	99
74) Di-n-butylphthalate	11.83	149	1894289	35.250	nq	99
75) Fluoranthene	12.48	202	1689226	36.998	nq	98
77) Benzidine	12.60	184	654321	34.077	nq	99
78) Pyrene	12.71	202	1726448	36.053	nq	99
80) Butylbenzylphthalate	13.33	149	812054	34.948	nq	95
81) Benzo(a)anthracene	13.90	228	1368953	36.634	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	507363	36.388	nq	97
83) Chrysene	13.93	228	1442452	37.990	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1064434	33.828	nq	98
85) Di-n-octyl phthalate	14.50	149	1916209	35.766	nq	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	1126231	33.649	nq	97
88) Benzo(b)fluoranthene	14.92	252	1338136	38.240	nq	99
89) Benzo(k)fluoranthene	14.95	252	1141866m	37.819	nq	
90) Benzo(a)pyrene	15.27	252	1102898	37.485	nq	100
91) Dibenzo(a,h)anthracene	16.74	278	937620	35.976	nq	97
92) Benzo(g,h,i)perylene	17.14	276	908575	35.317	nq	96

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



#1

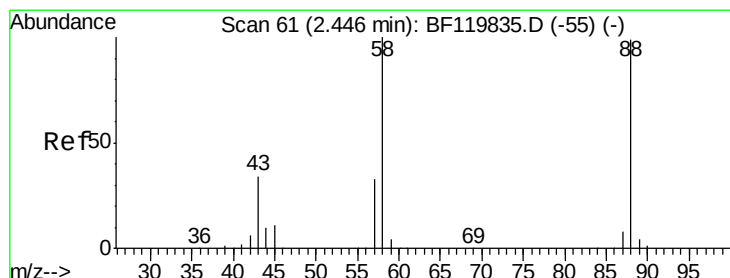
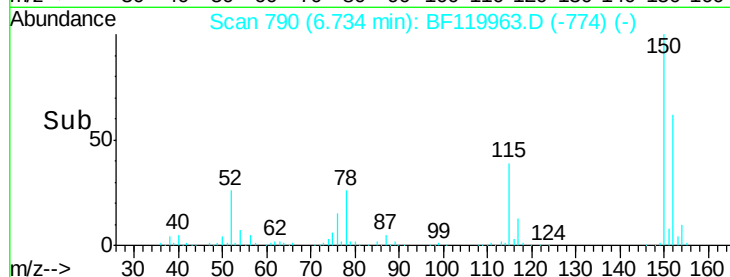
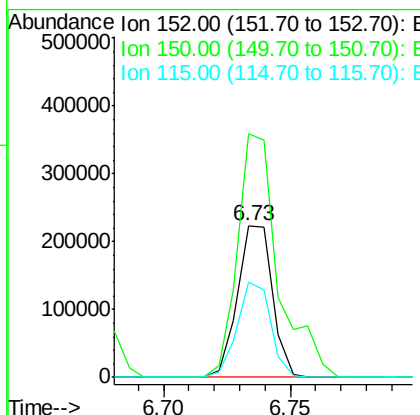
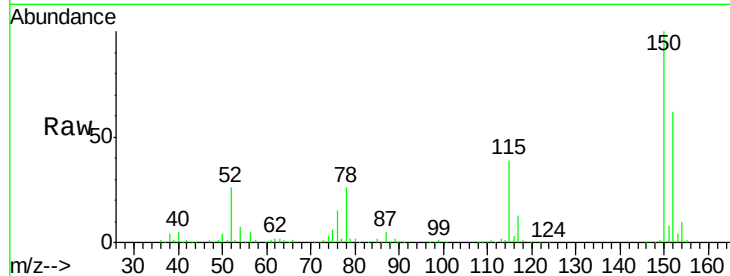
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.8	187.2
115	62.9	46.5	69.7

Manual Integrations
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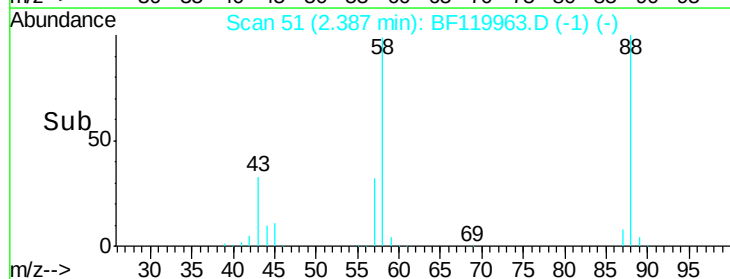
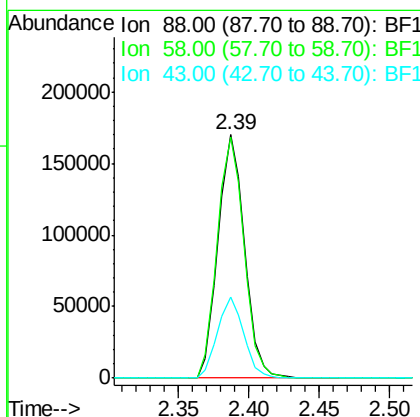
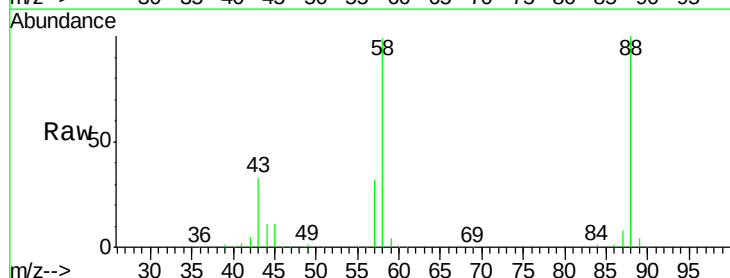
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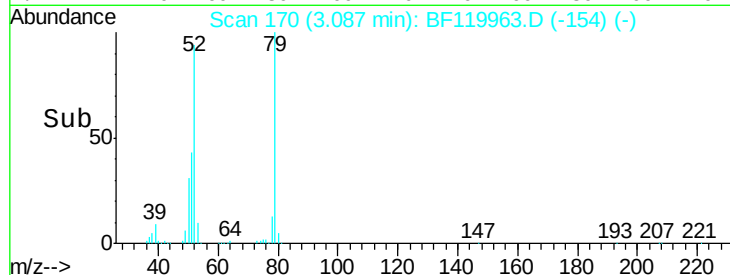
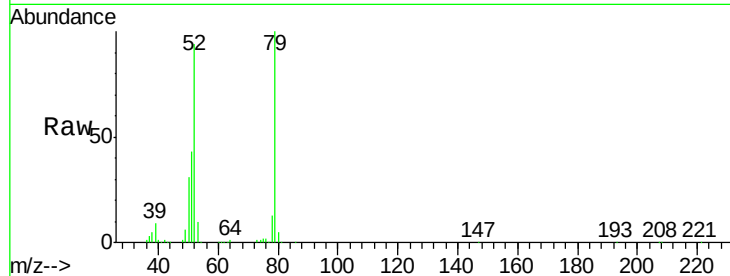
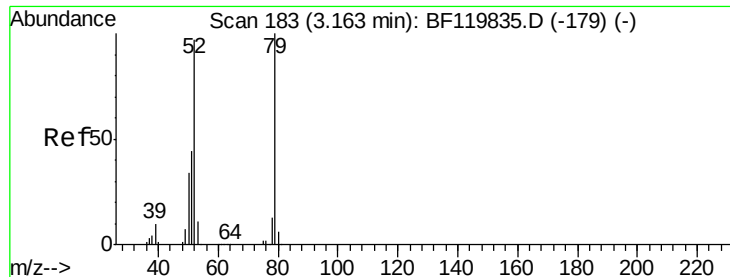


#2

1,4-Dioxane
Concen: 40.442 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.7	82.6	123.8
43	33.2	28.6	42.8





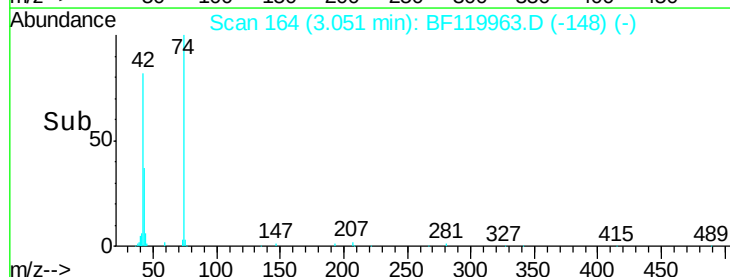
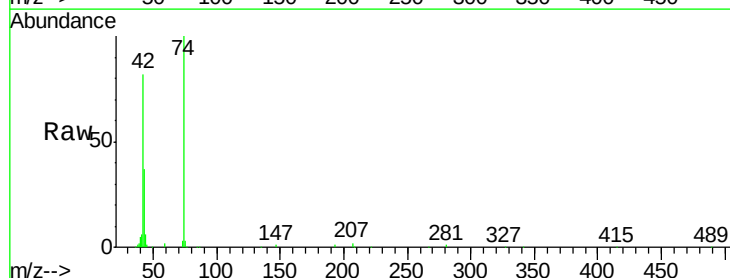
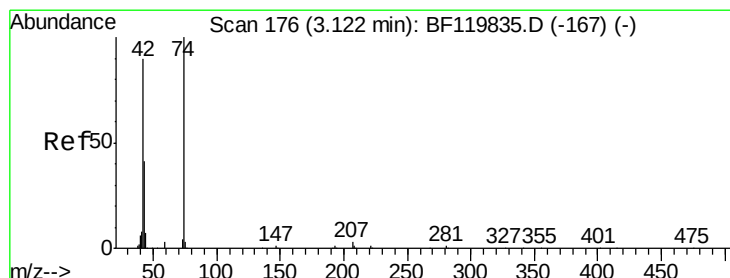
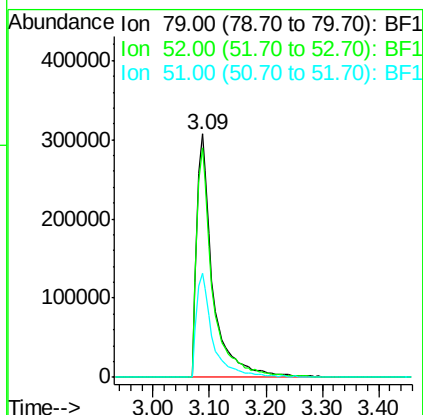
#3
 Pvridine
 Concen: 40.144 ng
 RT: 3.09 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.2	77.4	116.0
51	42.9	35.3	52.9

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

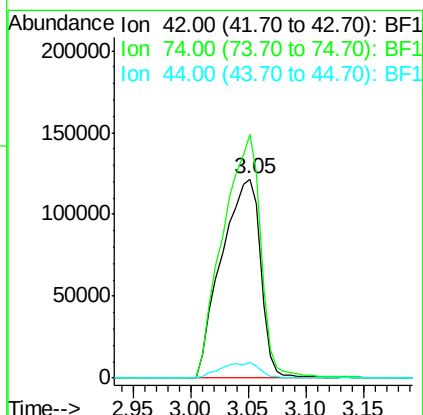
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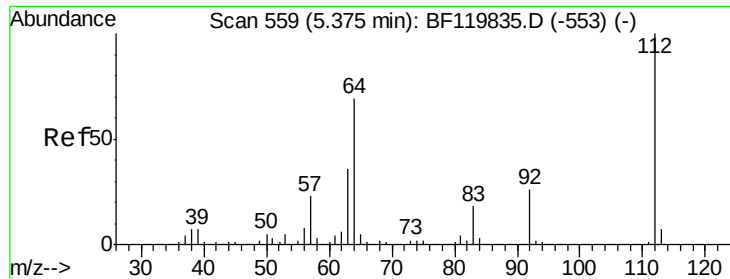
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#4
 n-Nitrosodimethylamine
 Concen: 36.984 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.01 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.4	89.0	133.4
44	7.6	6.2	9.4





#5

2-Fluorophenol

Concen: 80.625 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

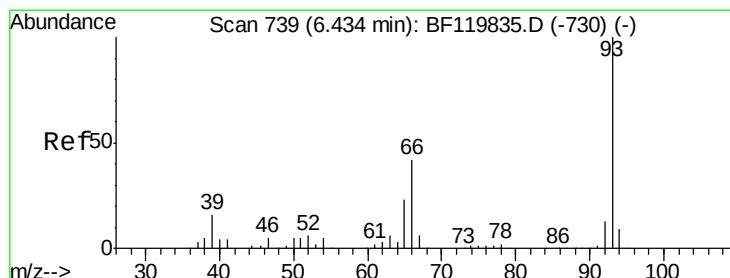
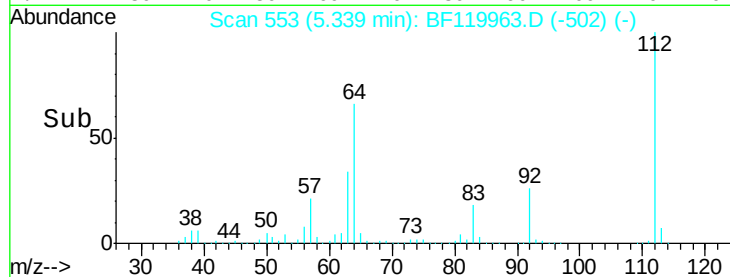
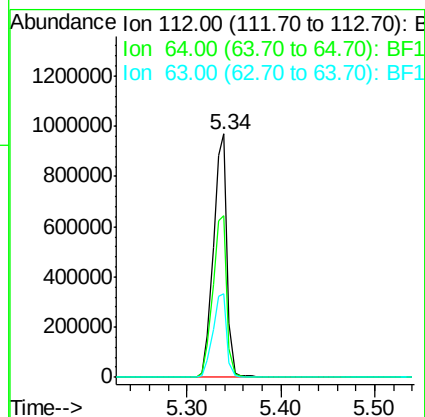
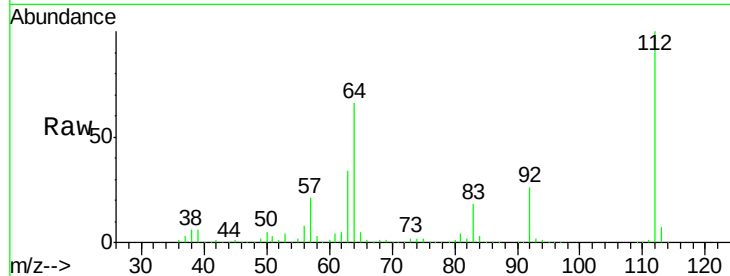
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	996697
Ion Ratio	Lower	Upper	
112	100		
64	66.4	55.5	83.3
63	34.2	29.1	43.7

Manual Integrations
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#6

Aniline

Concen: 40.278 ng

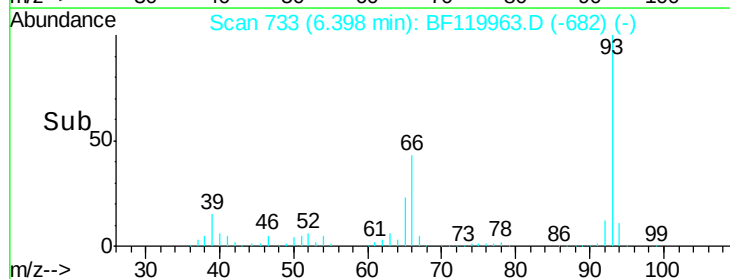
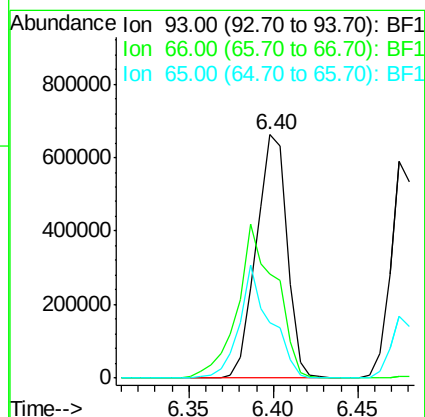
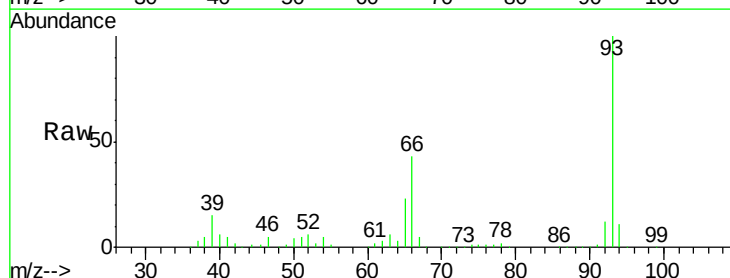
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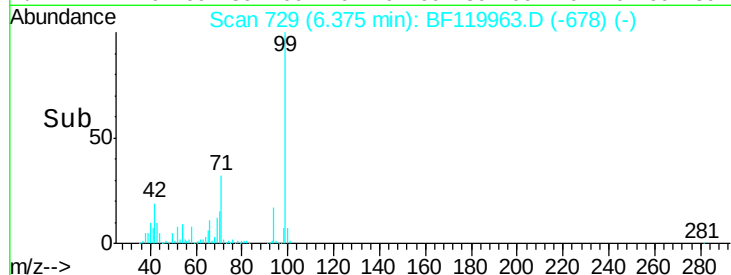
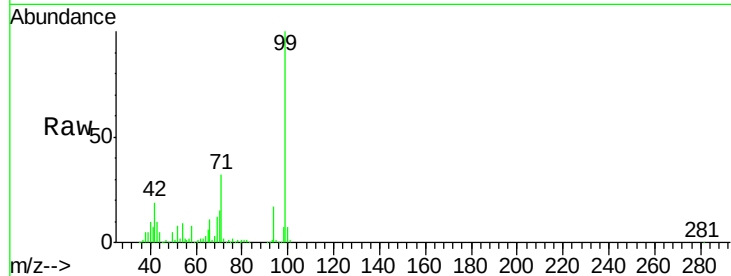
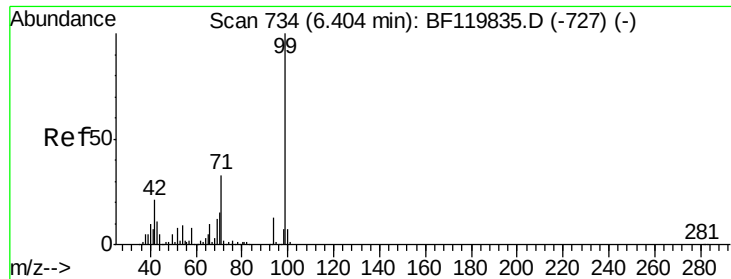
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	93	Resp:	842101
Ion Ratio	Lower	Upper	
93	100		
66	42.6	34.2	51.2
65	22.6	18.3	27.5





#7

Phenol-d6

Concen: 79.956 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tot Ion:	99	Resp:	1273629
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.9	25.3
71	31.8	26.3	39.5

Instrument :

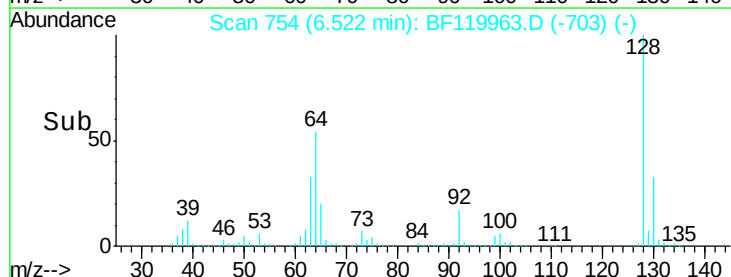
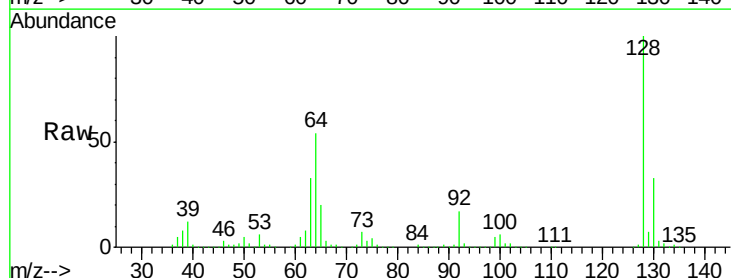
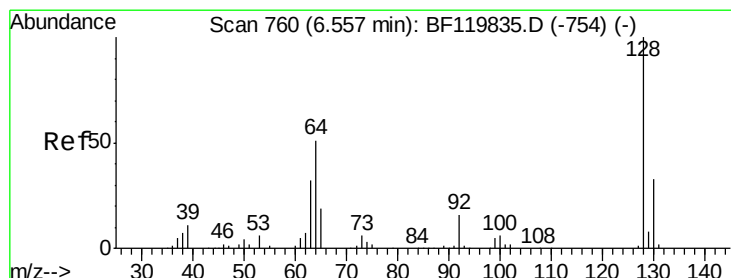
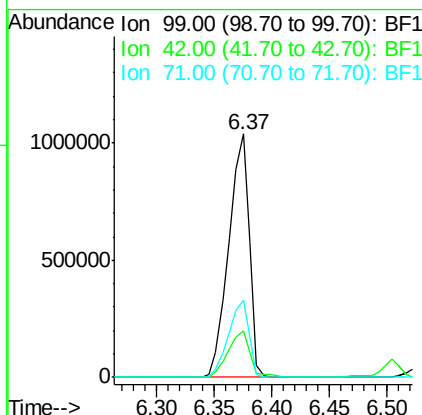
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.769 ng

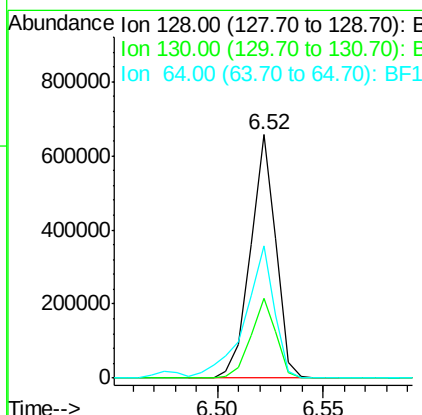
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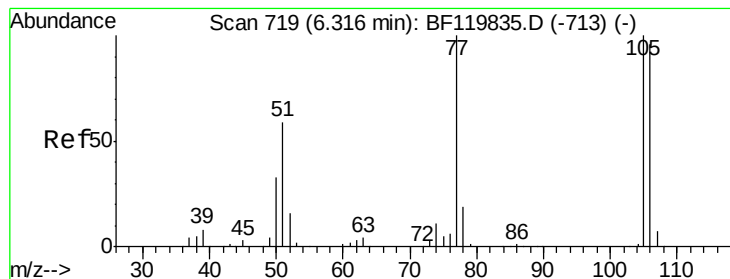
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	128	Resp:	549311
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	54.4	32.0	72.0





#9

Benzaldehyde

Concen: 41.410 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

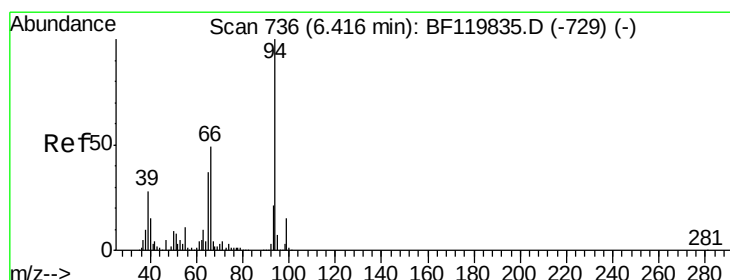
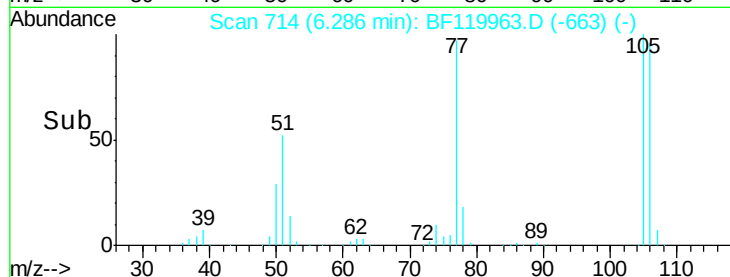
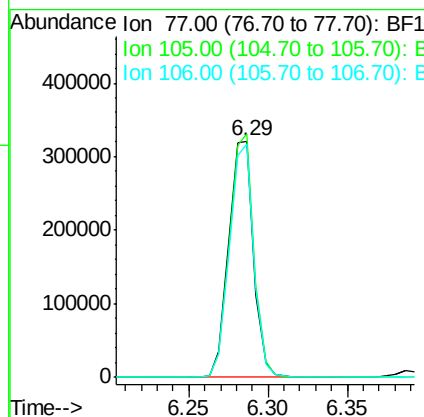
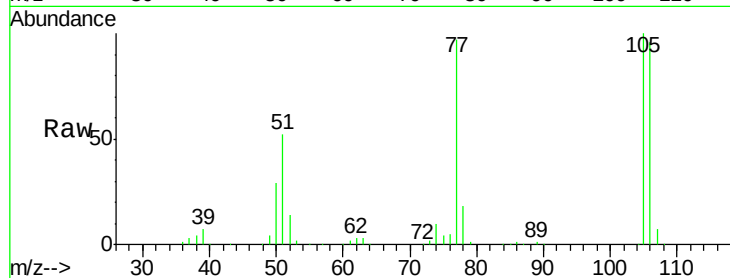
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	348562
Ion	Ratio	Lower	Upper
77	100		
105	103.0	79.9	119.9
106	99.0	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 39.602 ng

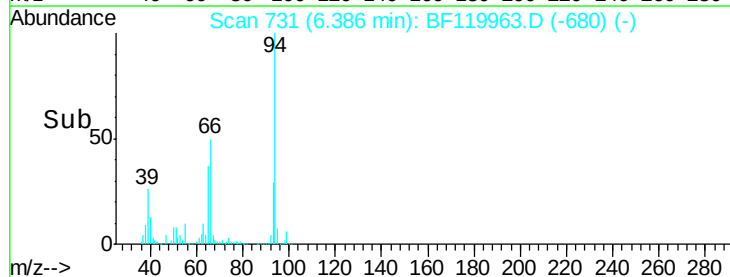
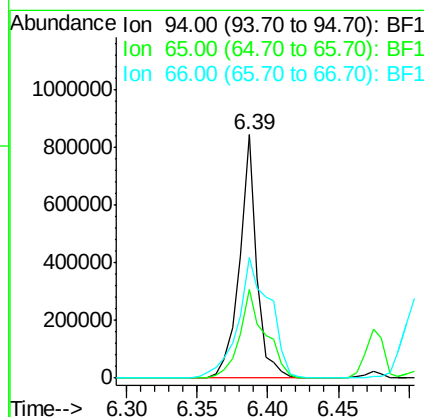
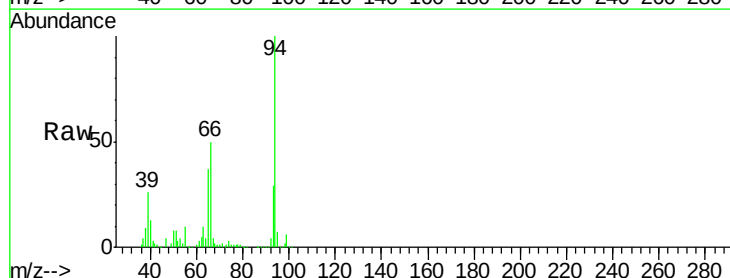
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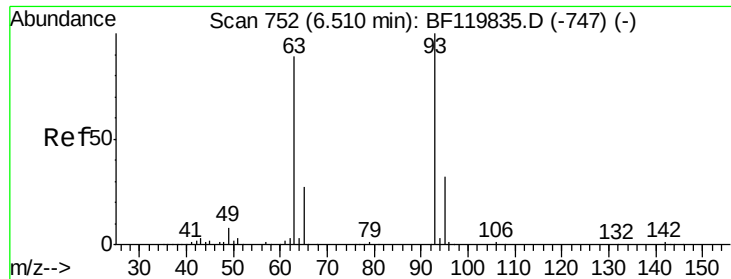
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	94	Resp:	715668
Ion	Ratio	Lower	Upper
94	100		
65	36.6	16.6	56.6
66	49.6	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 38.803 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

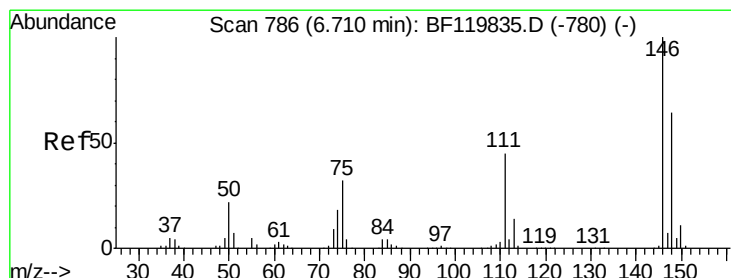
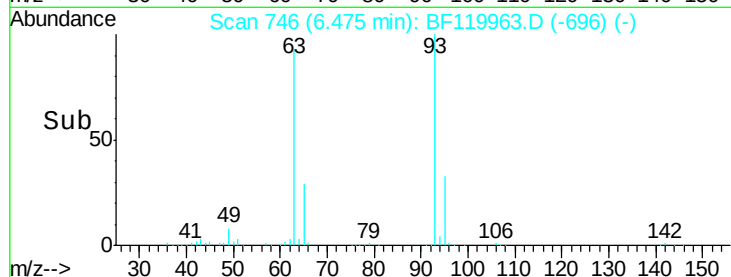
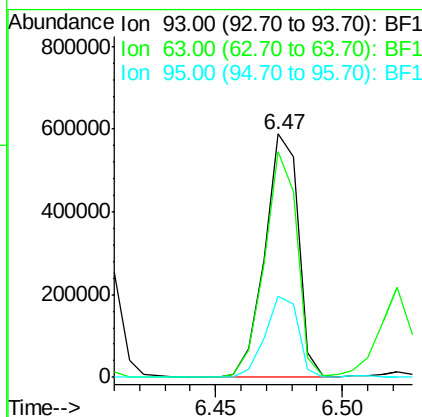
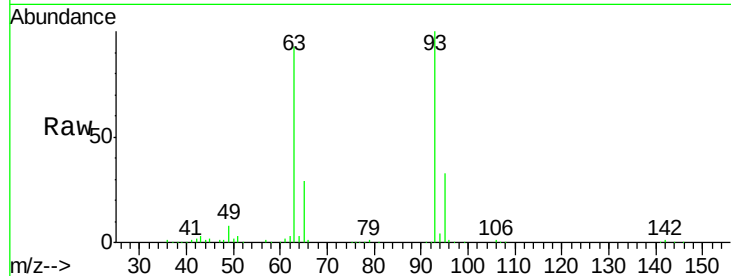
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	541438
Ion Ratio	Lower	Upper	
93	100		
63	92.5	69.1	109.1
95	33.2	12.3	52.3

Manual Integrations
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mohammad
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#12

1,3-Dichlorobenzene

Concen: 39.023 ng

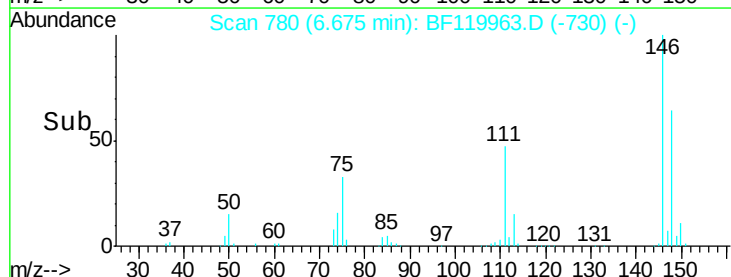
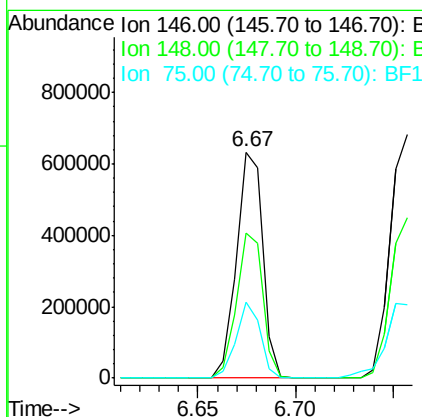
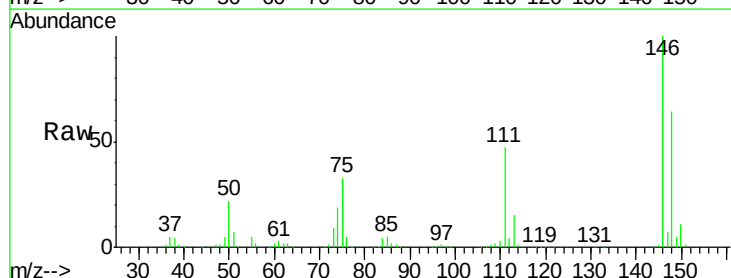
RT: 6.67 min Scan# 780

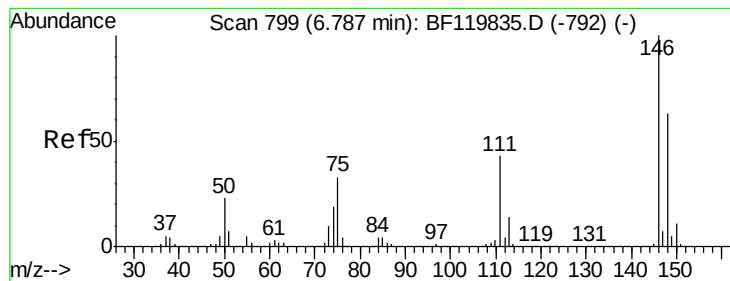
Delta R.T. -0.01 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	146	Resp:	590108
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.3	76.9
75	33.5	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 38.205 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

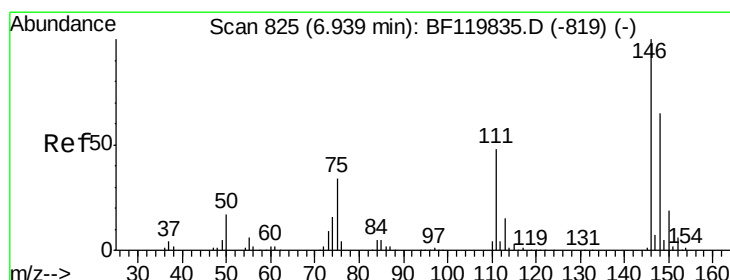
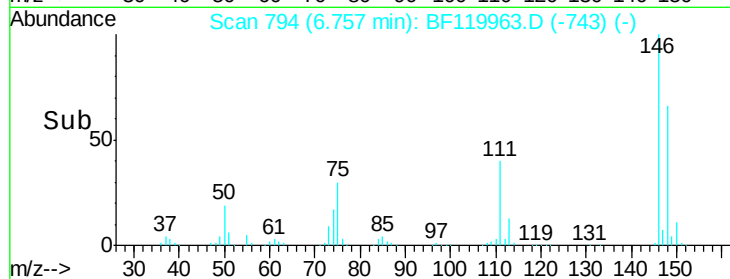
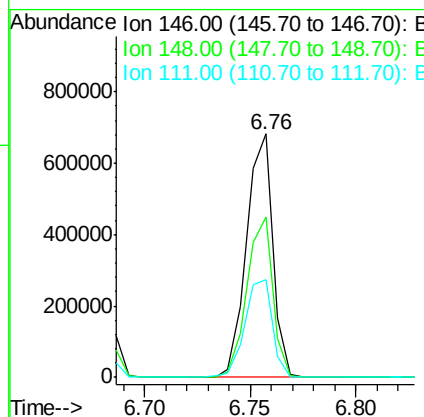
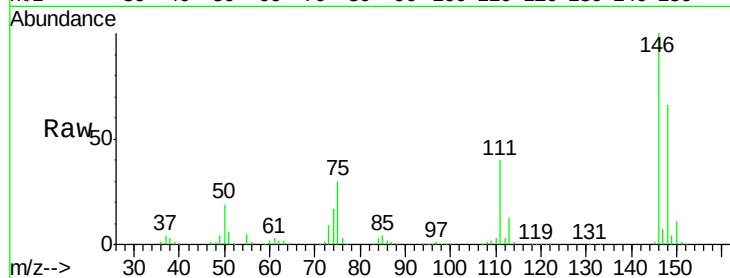
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	588514
Ion Ratio	Lower	Upper	
146	100		
148	65.8	50.5	75.7
111	40.4	34.7	52.1

Manual Integrations
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4/16/2020 12:51:26 PM



#14

1,2-Dichlorobenzene

Concen: 39.027 ng

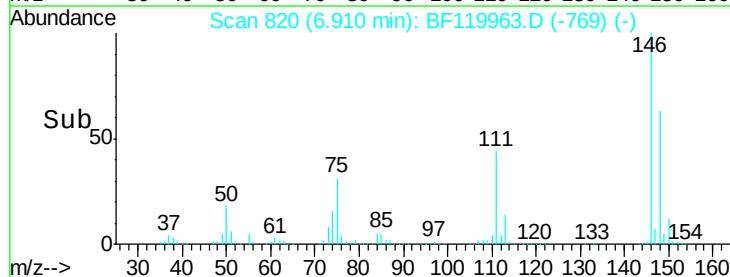
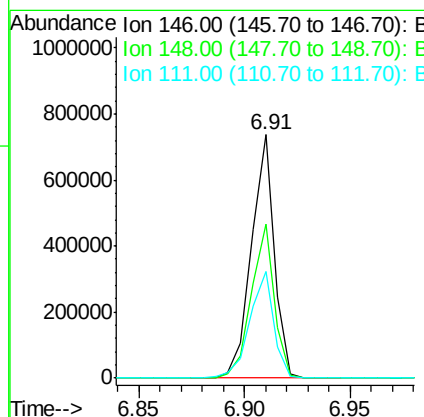
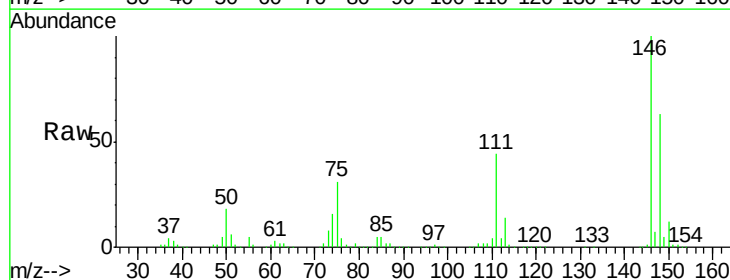
RT: 6.91 min Scan# 820

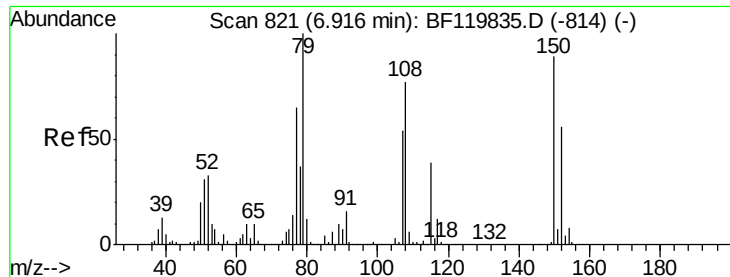
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	146	Resp:	554038
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
111	43.6	38.0	57.0





#15

Benzyl Alcohol

Concen: 37.194 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

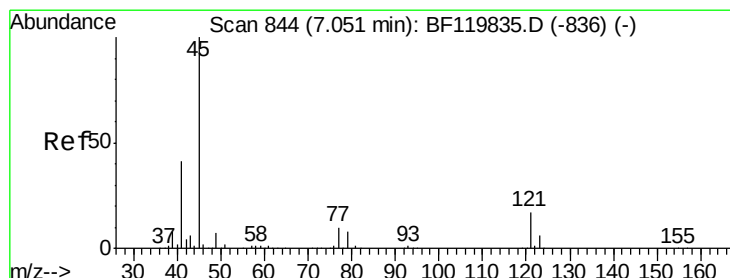
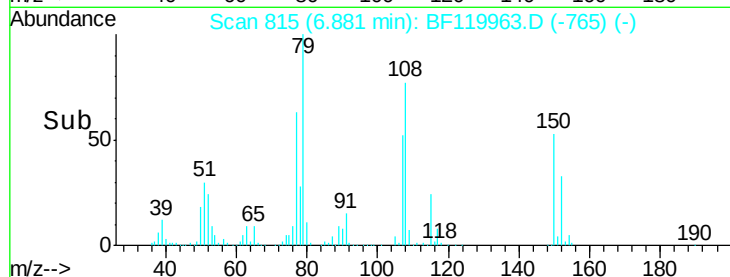
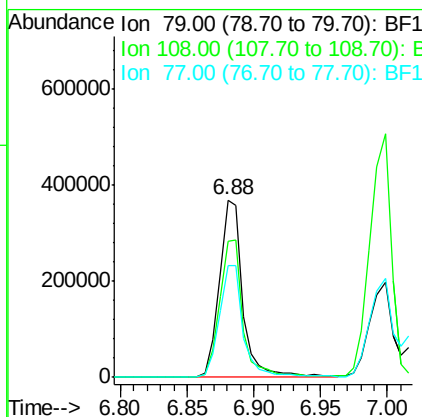
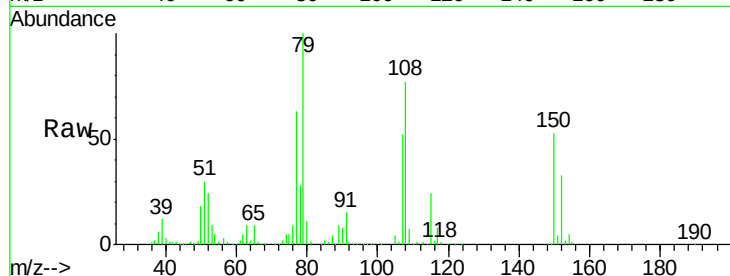
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	460168
Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.0	93.0
77	62.9	51.8	77.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.290 ng

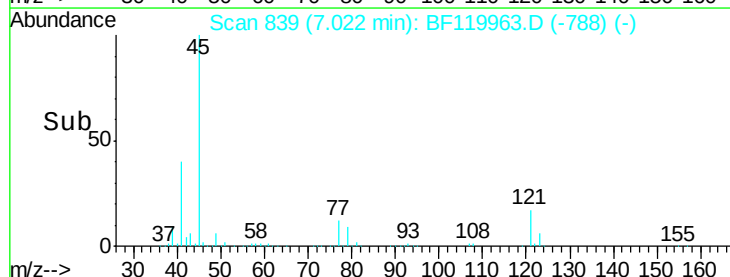
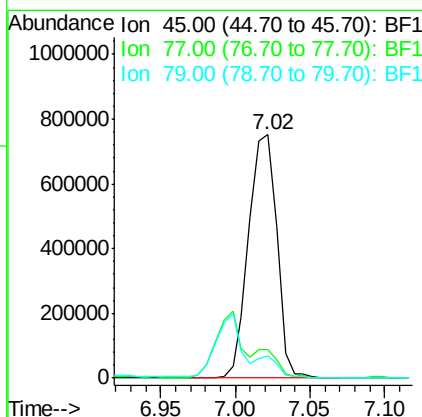
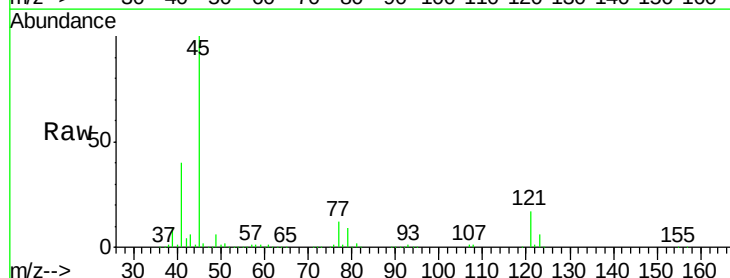
RT: 7.02 min Scan# 839

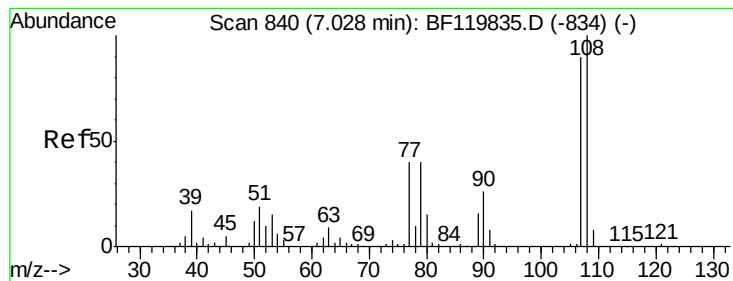
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	45	Resp:	985351
Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	30.7
79	9.1	0.0	28.6





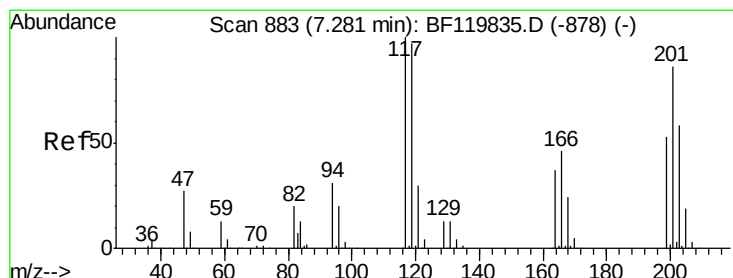
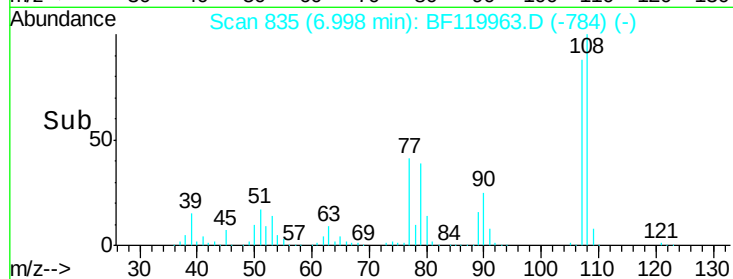
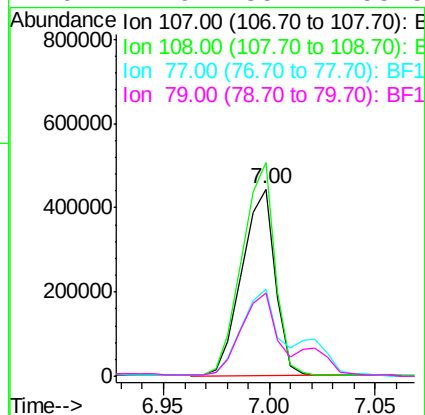
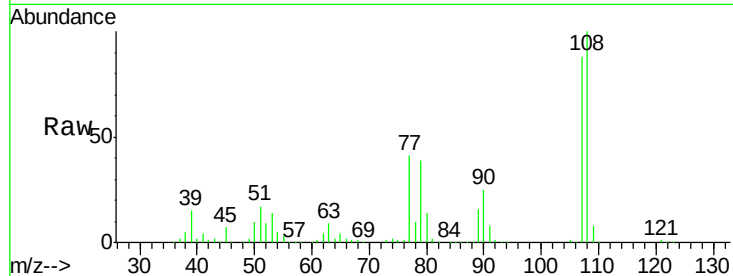
#17
2-Methylphenol
Concen: 39.304 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	484484
Ion Ratio	Lower	Upper	
107	100		
108	113.9	88.8	133.2
77	46.5	36.0	54.0
79	44.6	35.7	53.5

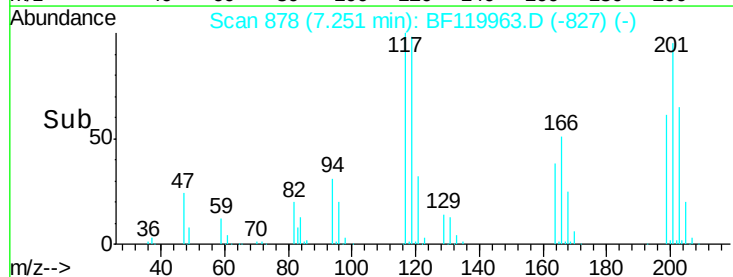
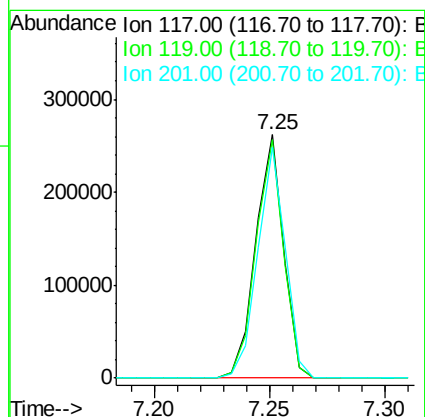
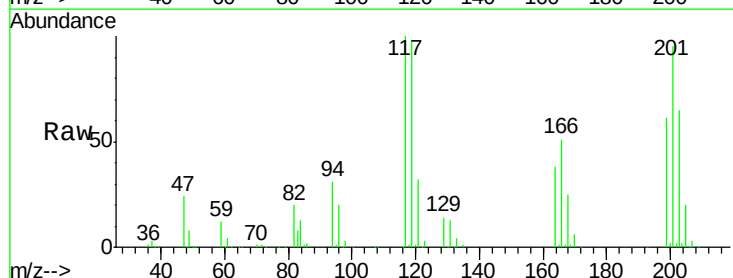
Manual Integrations
APPROVED

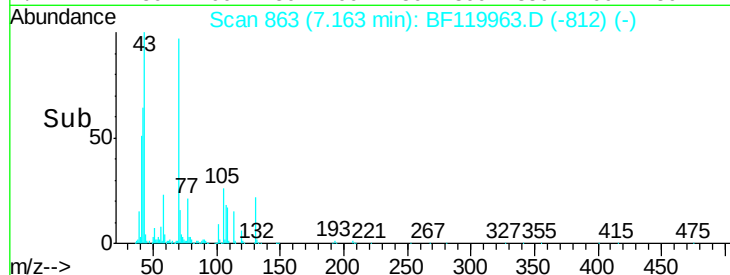
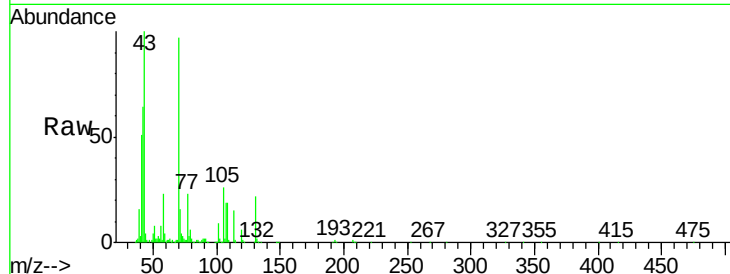
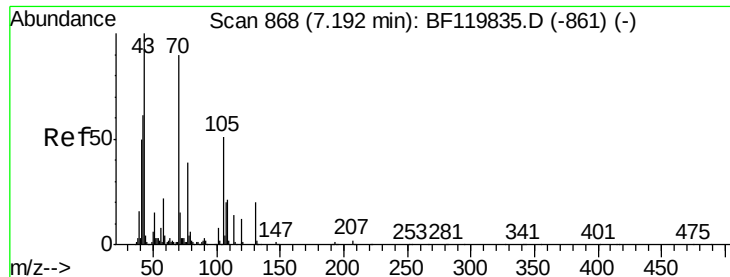
mohammad
4/16/2020 12:51:26 PM



#18
Hexachloroethane
Concen: 38.497 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion:	117	Resp:	221621
Ion Ratio	Lower	Upper	
117	100		
119	98.1	77.4	116.0
201	94.7	68.4	102.6





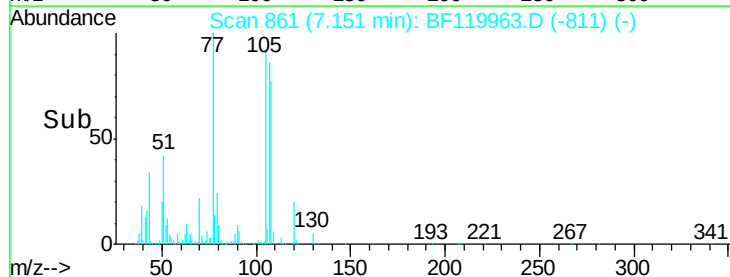
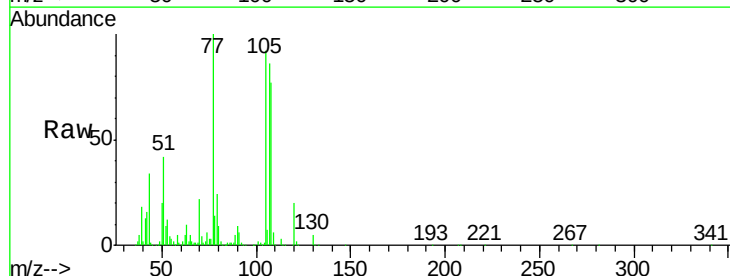
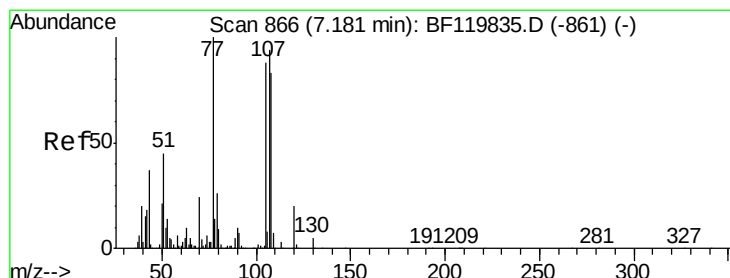
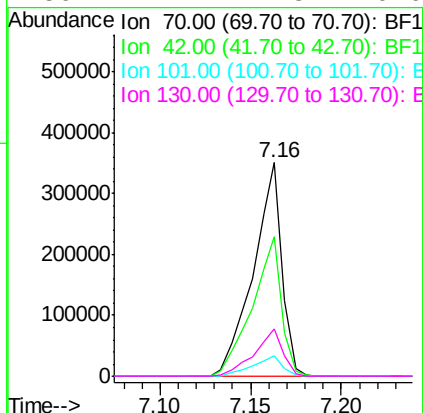
#19
n-Nitroso-di-n-propylamine
Concen: 37.514 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.6	54.2	81.4
101	9.5	7.4	11.2
130	22.4	17.8	26.6

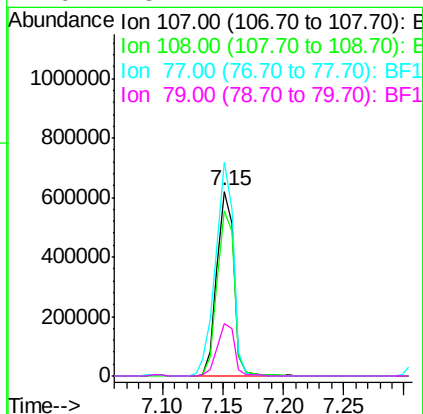
Manual Integrations
APPROVED

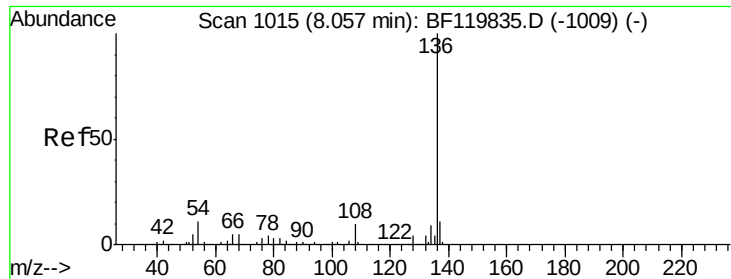
mohammad
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#20
3+4-Methylphenols
Concen: 39.420 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	115.8	86.6	126.6
79	28.2	7.7	47.7





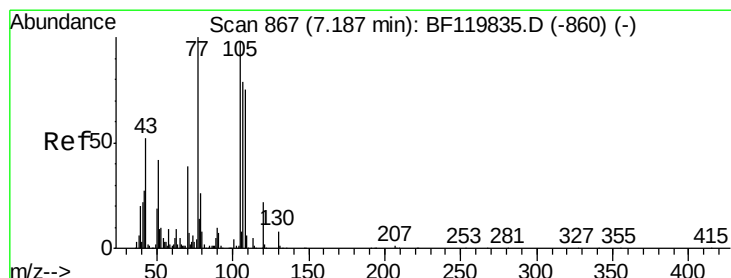
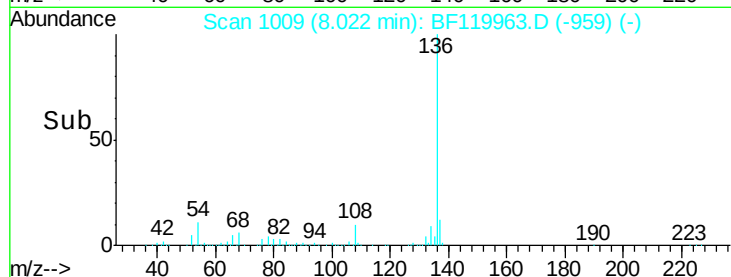
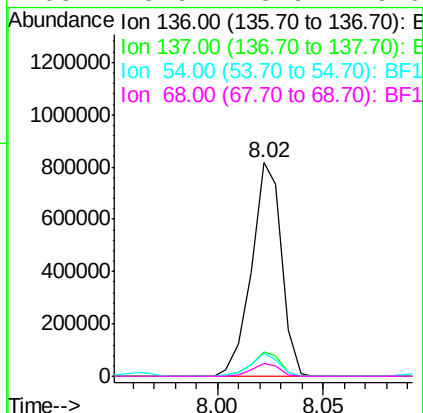
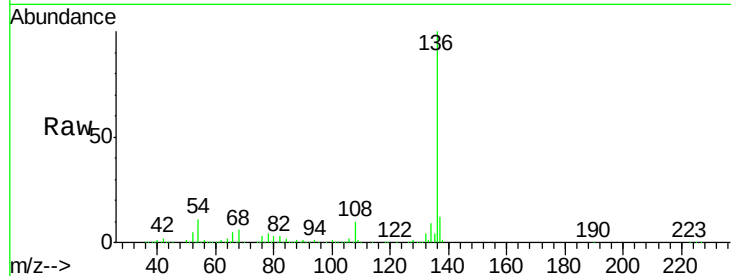
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	805417		
137	11.6	8.7	13.1	
54	10.9	8.5	12.7	
68	5.9	3.9	5.9#	

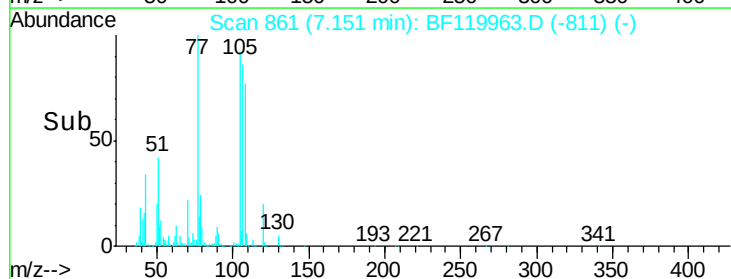
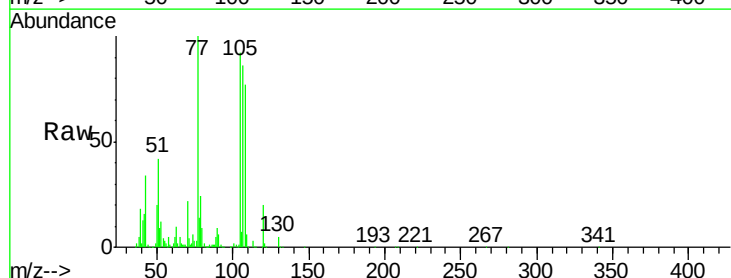
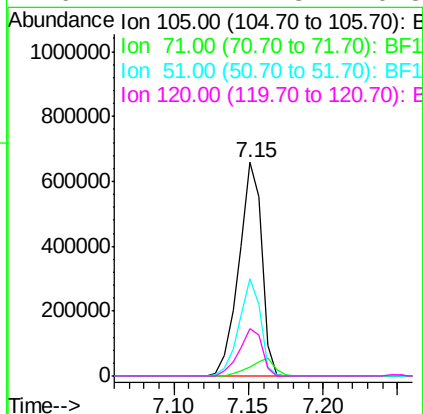
Manual Integrations
APPROVED

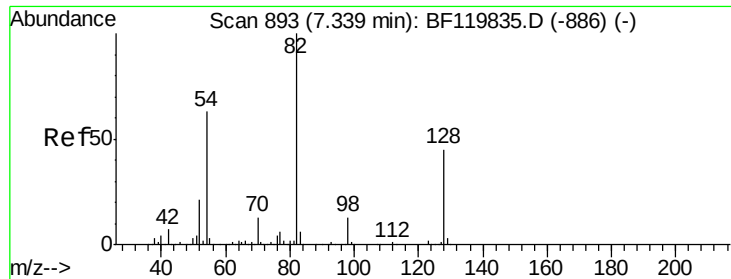
mohammad
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#22
Acetophenone
Concen: 37.183 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	701284		
71	4.2	5.6	8.4#	
51	45.6	33.9	50.9	
120	22.2	17.8	26.8	





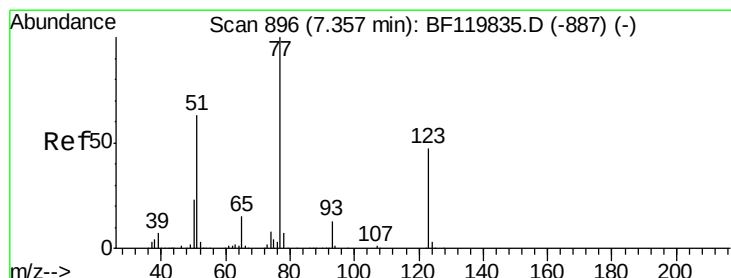
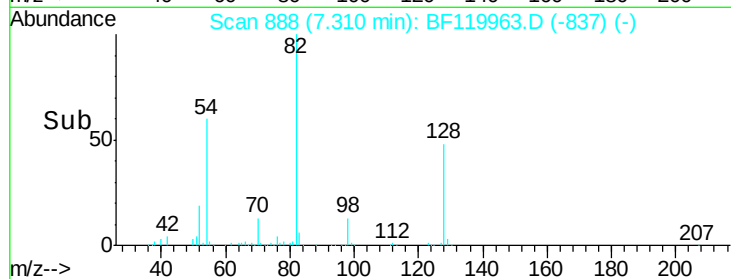
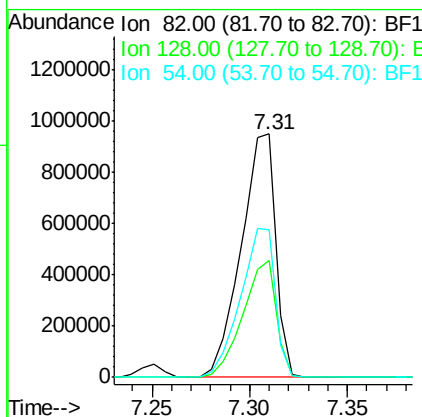
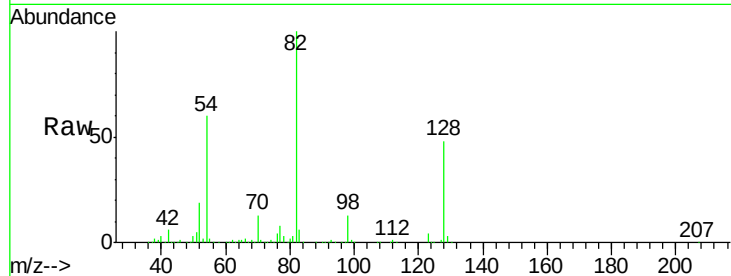
#23
Nitrobenzene-d5
Concen: 74.911 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1166260
Ion Ratio Lower Upper
82 100
128 47.8 36.2 54.4
54 60.5 50.4 75.6

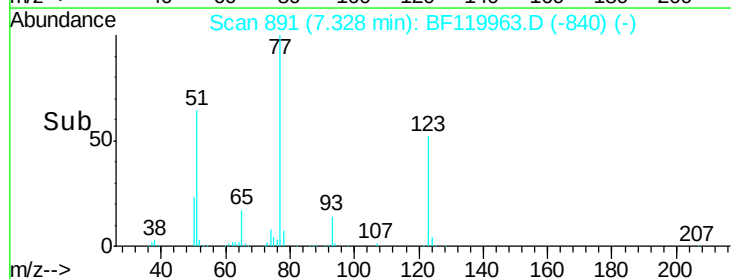
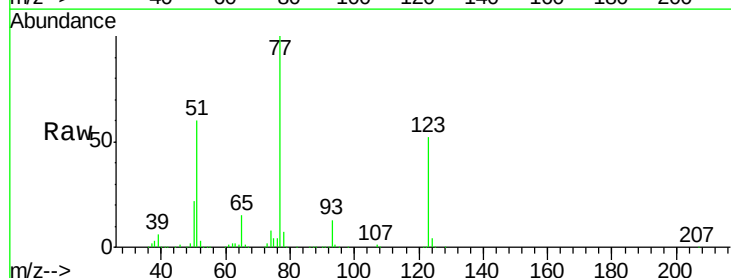
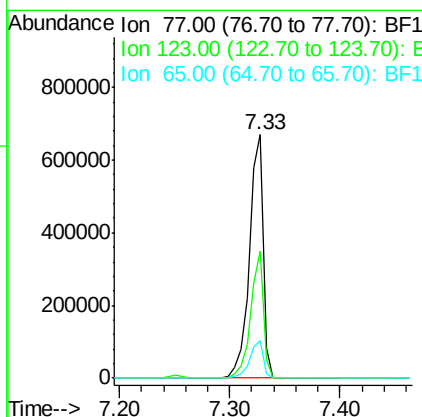
Manual Integrations
APPROVED

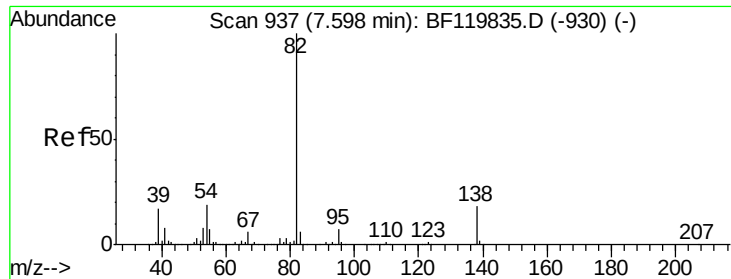
mohammad
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#24
Nitrobenzene
Concen: 37.838 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion: 77 Resp: 592590
Ion Ratio Lower Upper
77 100
123 52.2 37.8 56.8
65 15.4 12.2 18.2





#25

Isophorone

Concen: 36.706 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1101594

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

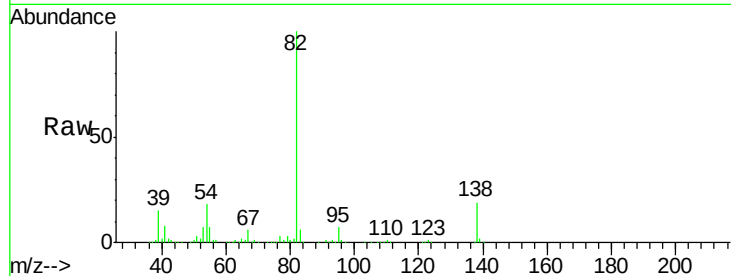
138 18.7 14.5 21.7

Manual Integrations

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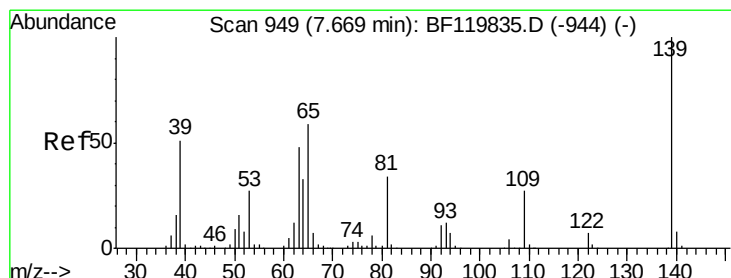
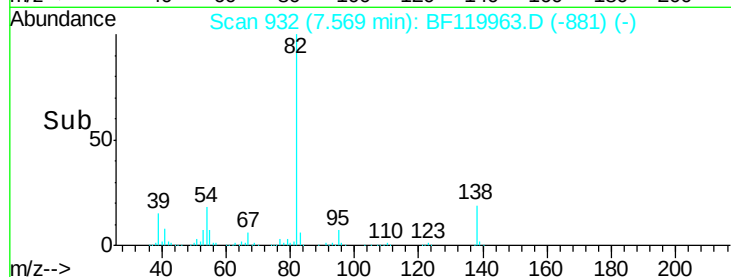
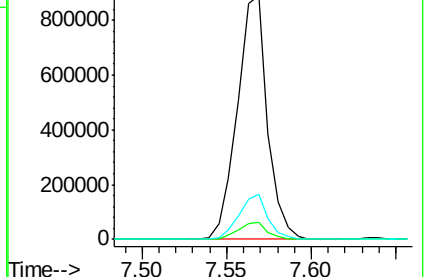
4/16/2020 12:51:26 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.079 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

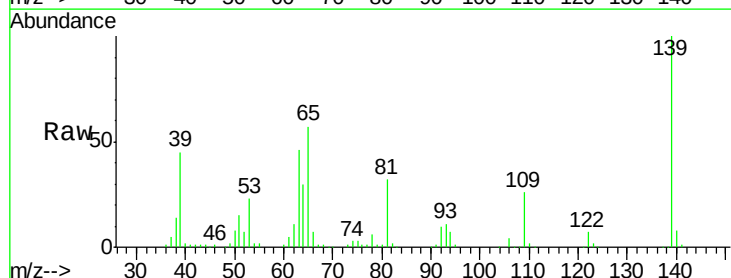
Tgt Ion: 139 Resp: 297948

Ion Ratio Lower Upper

139 100

109 26.4 21.8 32.6

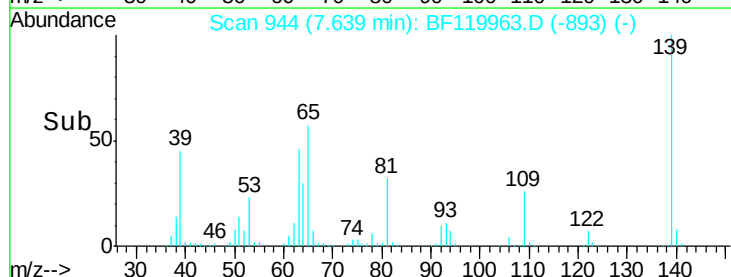
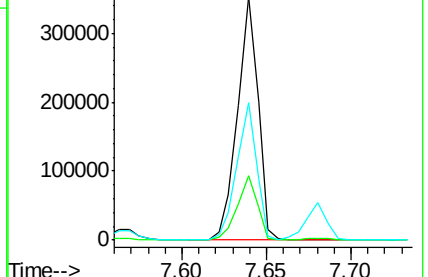
65 56.5 47.0 70.4

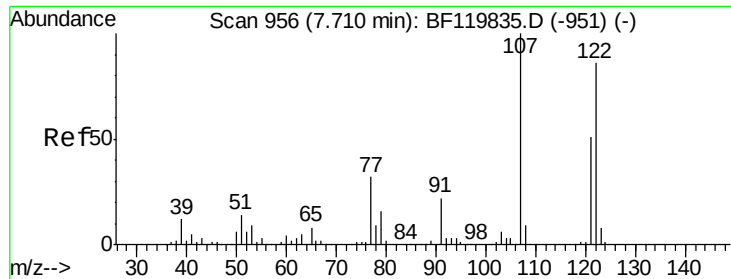


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.354 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

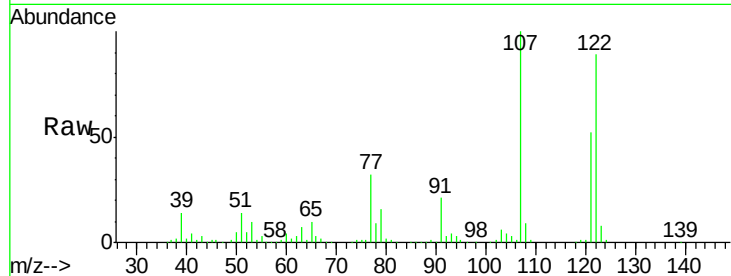
ClientSampleId :

SSTDCCC040

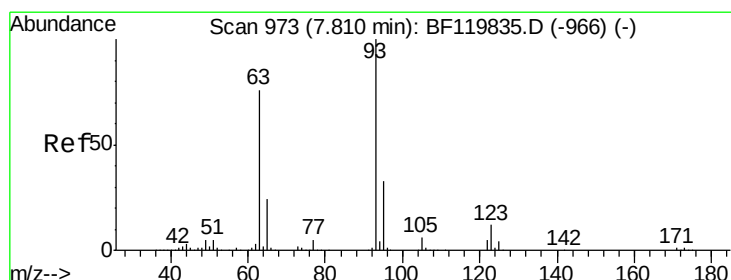
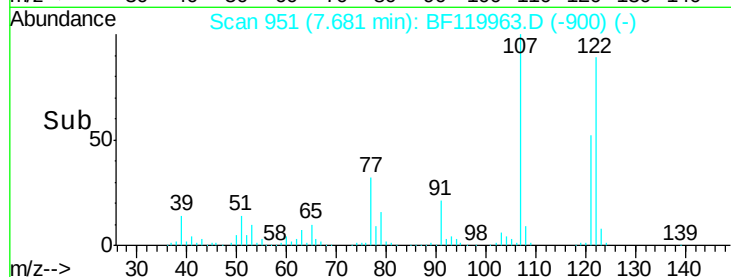
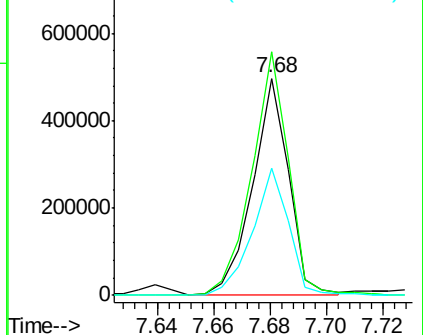
Tot Ion:	122	Resp:	440804
Ion Ratio	Lower	Upper	
122	100		
107	112.0	92.3	138.5
121	58.3	46.6	70.0

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.496 ng

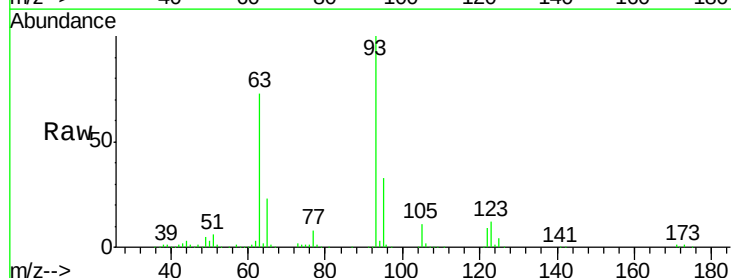
RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

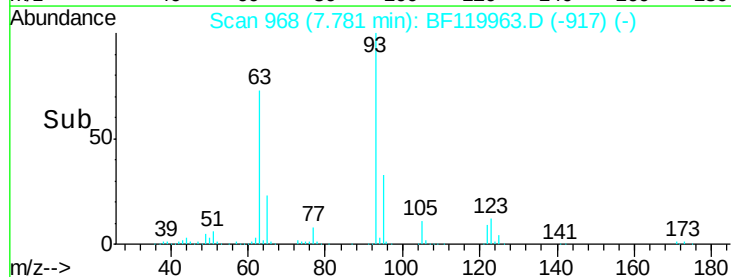
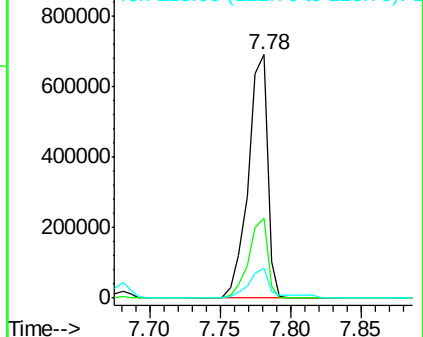
Lab File: BF119963.D

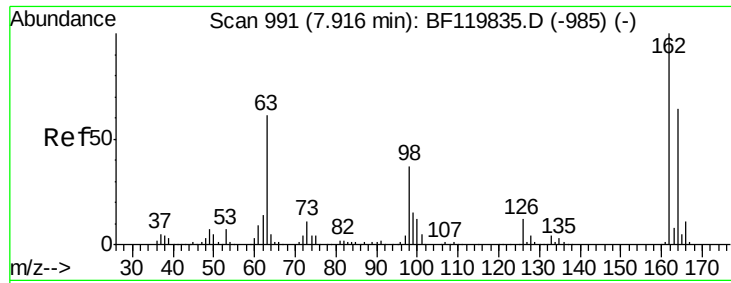
Acq: 14 Apr 2020 20:18

Tgt Ion:	93	Resp:	662182
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.4	39.6
123	12.2	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





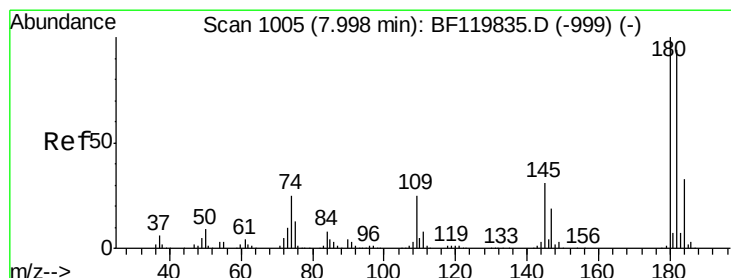
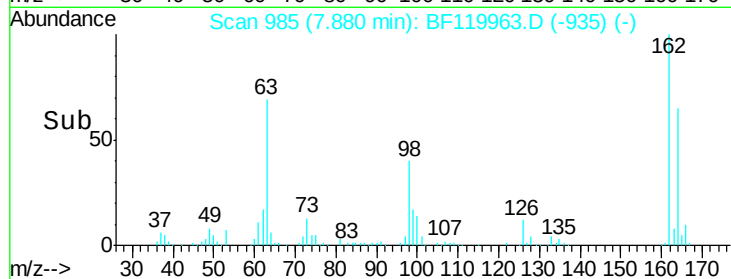
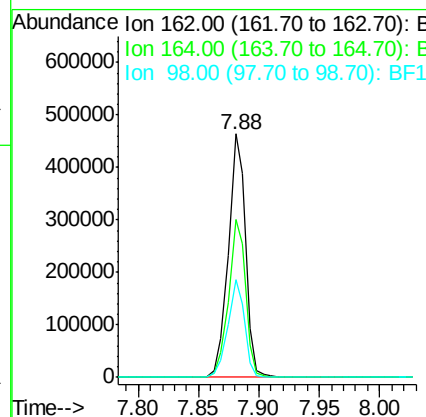
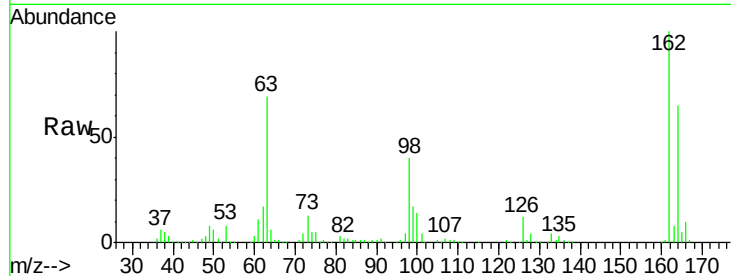
#29
2,4-Dichlorophenol
Concen: 37.731 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	44.4	84.4
98	40.0	17.3	57.3

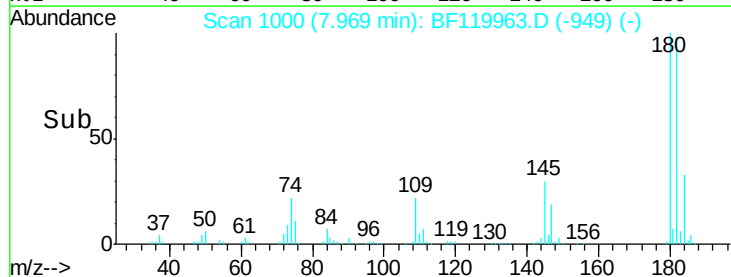
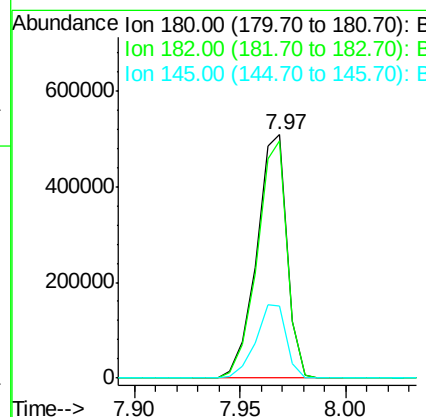
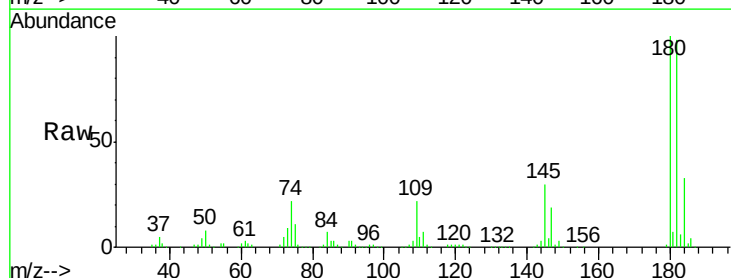
Manual Integrations
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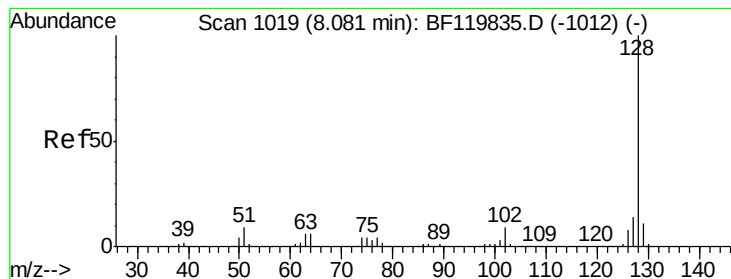
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.026 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.6	75.4	113.0
145	29.7	24.6	37.0





#31

Naphthalene

Concen: 37.449 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1586922

Ion Ratio Lower Upper

128 100

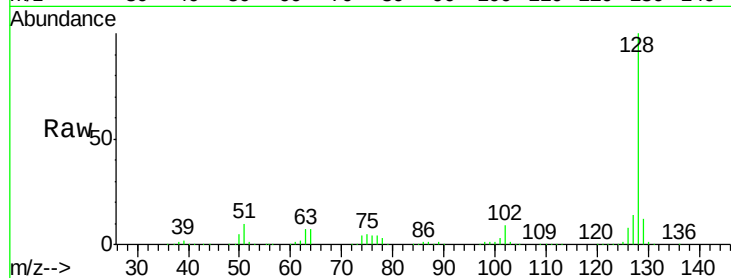
129 11.6 9.0 13.6

127 13.7 11.0 16.4

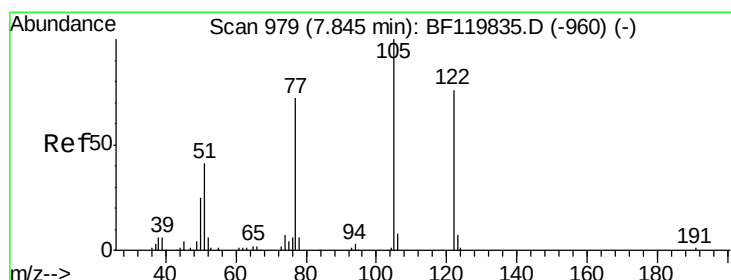
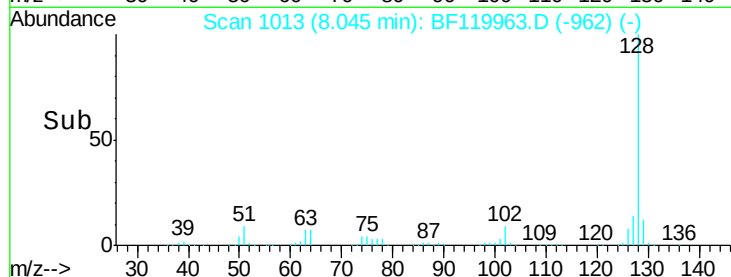
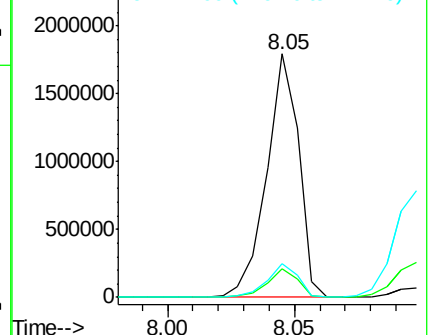
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.980 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

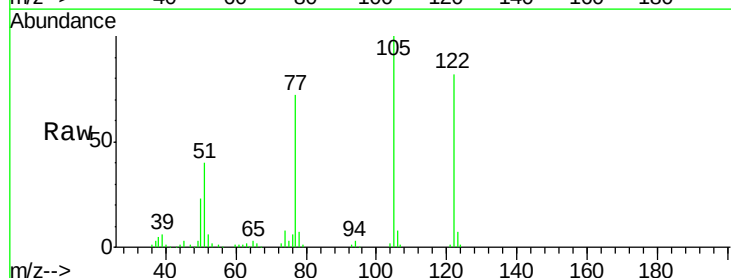
Tgt Ion:122 Resp: 331440

Ion Ratio Lower Upper

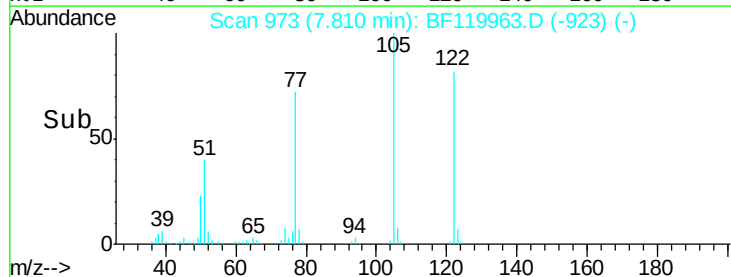
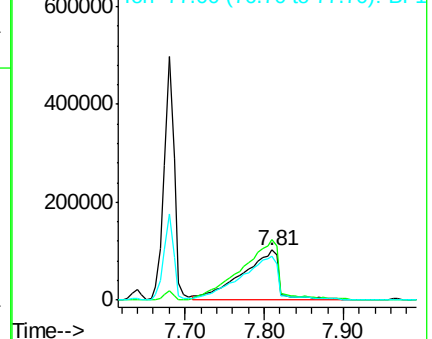
122 100

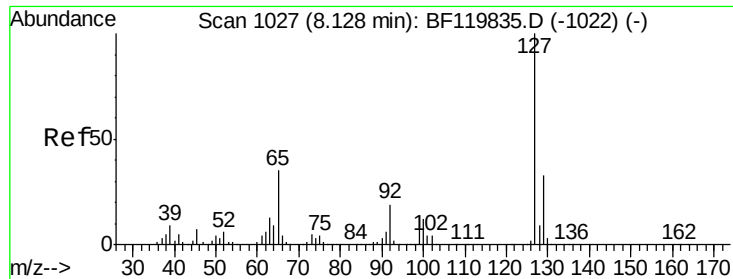
105 122.1 106.7 146.7

77 88.3 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





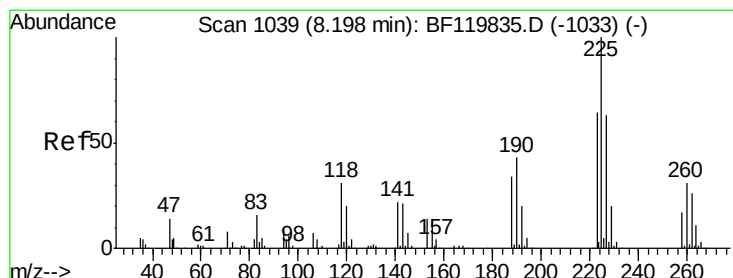
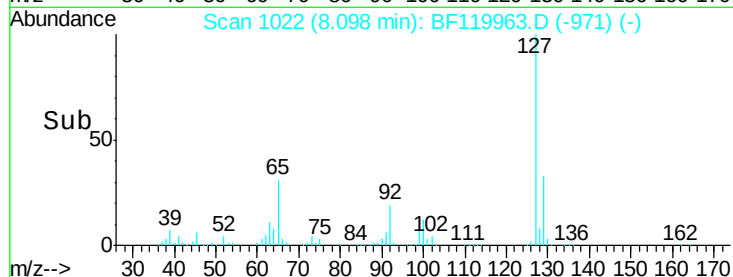
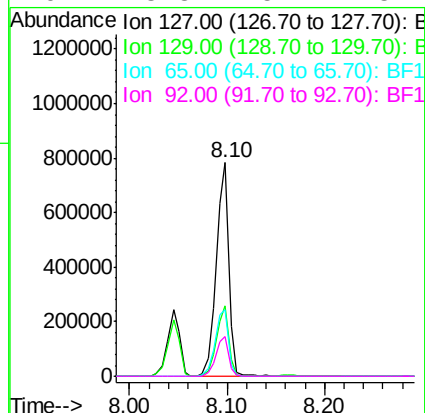
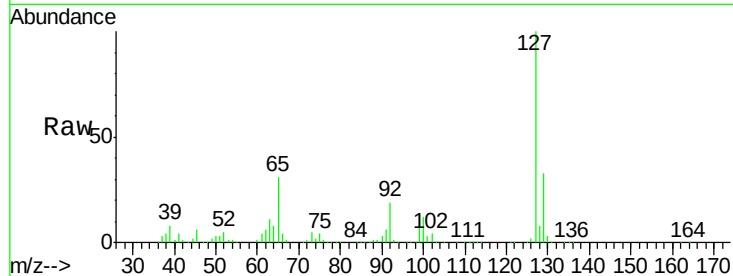
#33
4-Chloroaniline
Concen: 37.634 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		694251		
129	33.0	26.2	39.2		
65	31.5	28.3	42.5		
92	18.8	15.4	23.2		

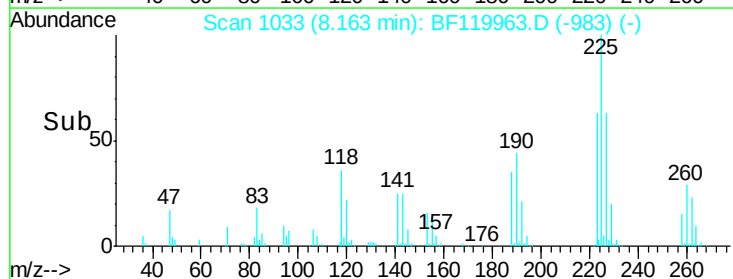
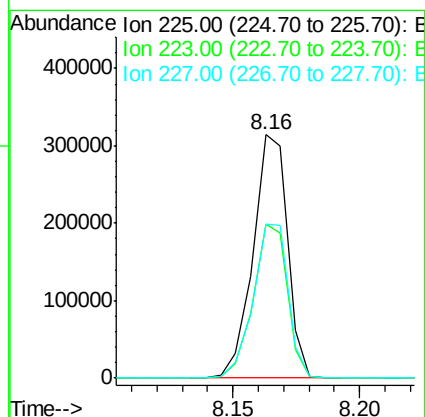
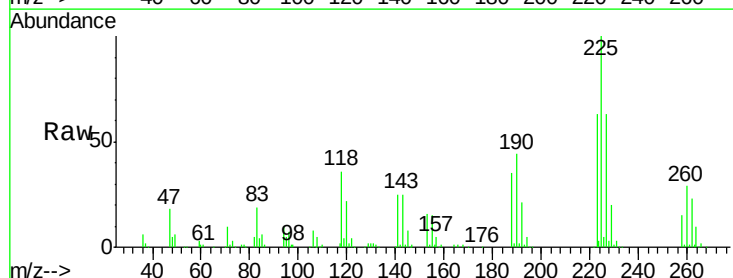
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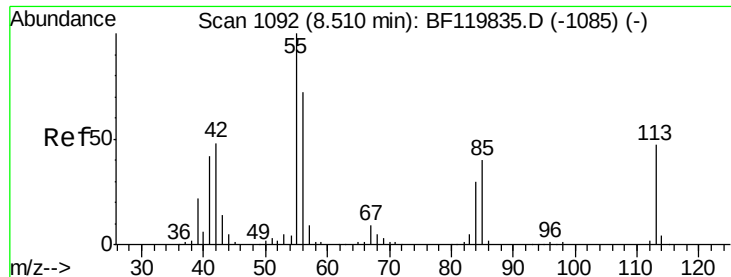
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#34
Hexachlorobutadiene
Concen: 36.299 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		297814		
223	63.0	51.0	76.6		
227	63.4	50.4	75.6		





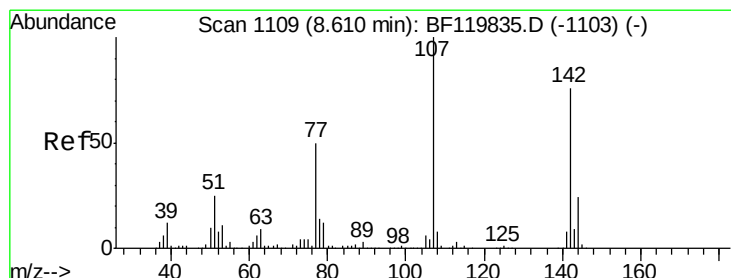
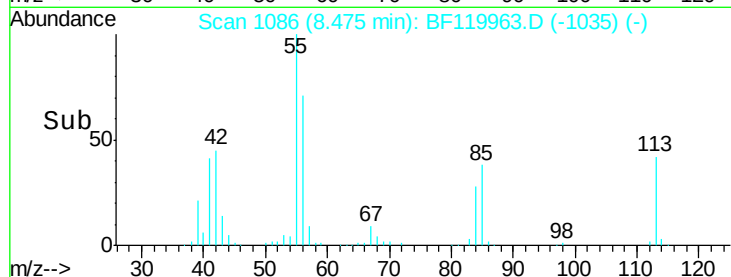
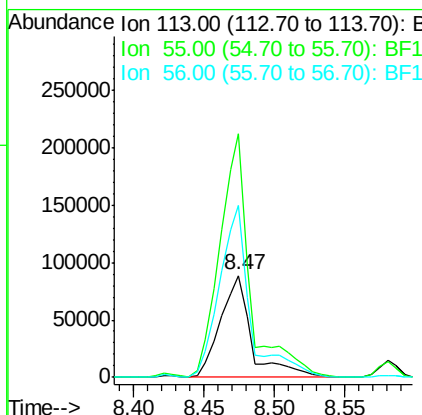
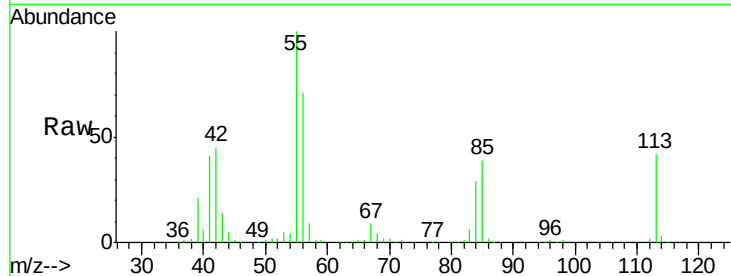
#35
 Caprolactam
 Concen: 37.228 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	238.4	192.7	232.7#
56	168.4	133.3	173.3

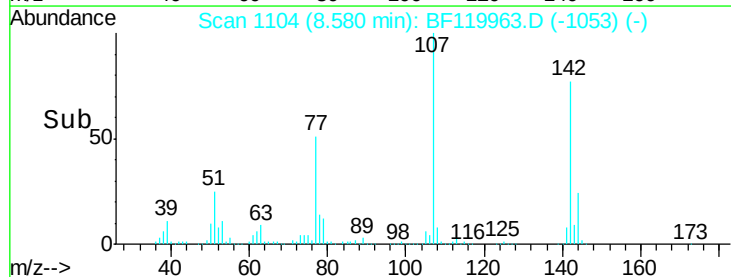
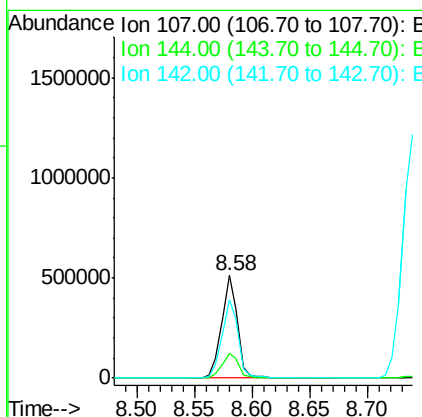
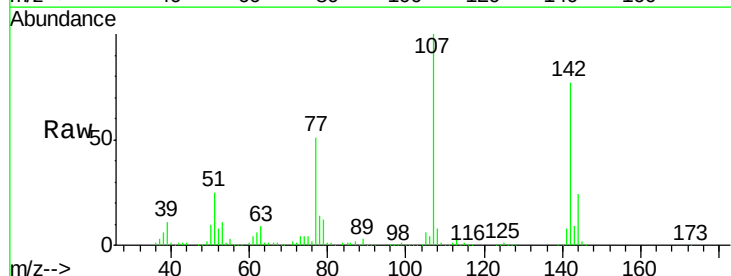
Manual Integrations
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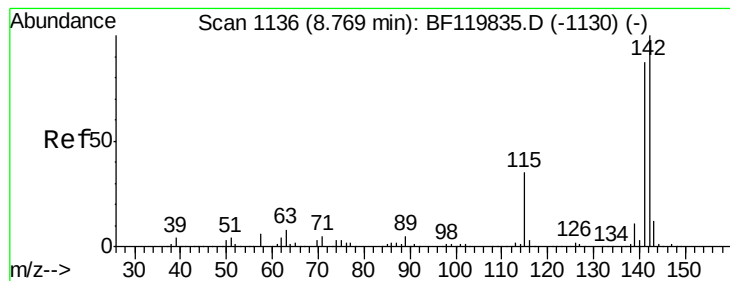
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#36
 4-Chloro-3-methylphenol
 Concen: 37.499 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.5	29.3
142	76.8	60.5	90.7





#37

2-Methylnaphthalene

Concen: 36.757 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1056012

Ion Ratio Lower Upper

142 100

141 89.0 69.9 104.9

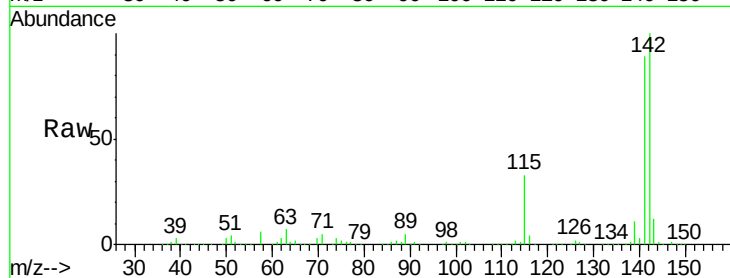
115 33.2 28.0 42.0

Manual Integrations

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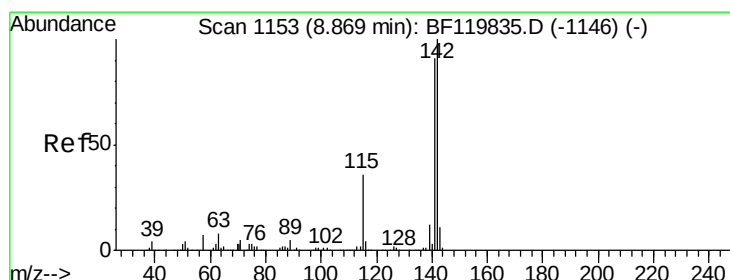
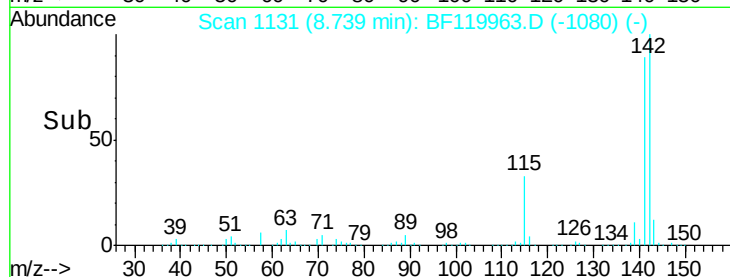
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.74

Time-->



#38

1-Methylnaphthalene

Concen: 36.593 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

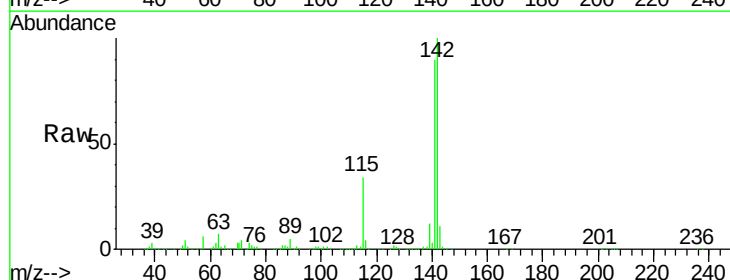
Tgt Ion:142 Resp: 990890

Ion Ratio Lower Upper

142 100

141 90.5 72.9 109.3

116 3.7 3.0 4.6



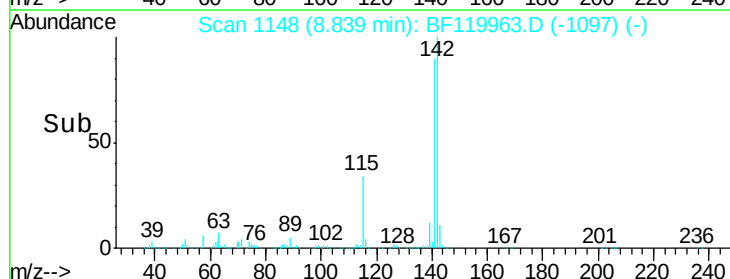
Abundance Ion 142.00 (141.70 to 142.70): E

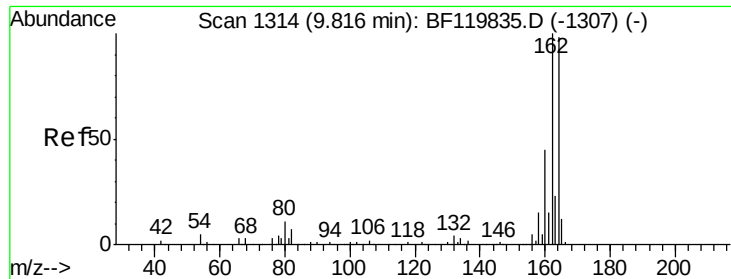
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.84

Time-->





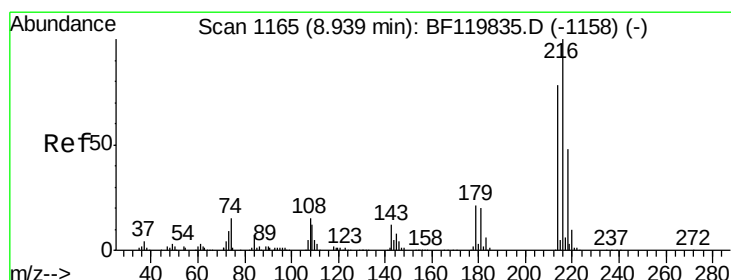
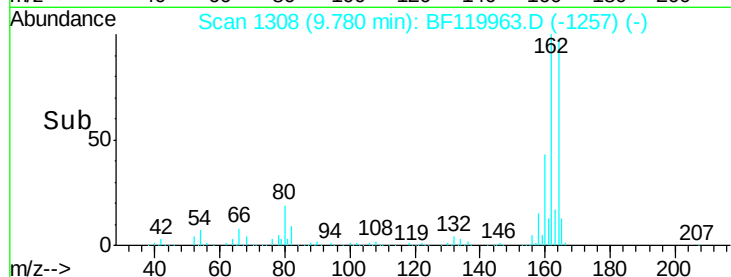
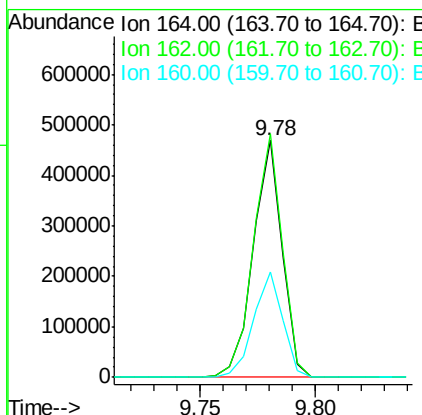
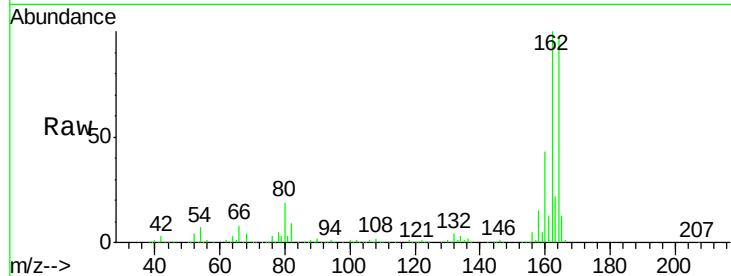
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.9	122.9
160	44.7	36.6	54.8

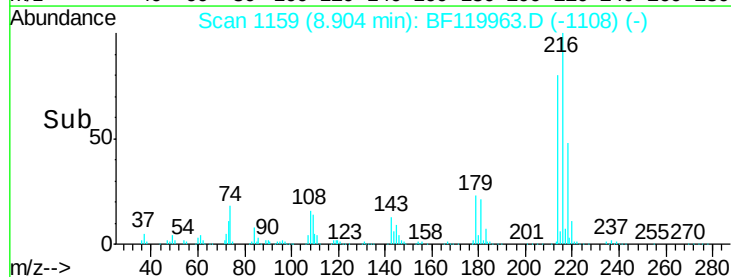
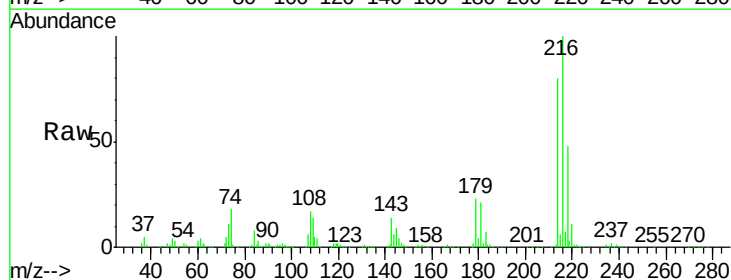
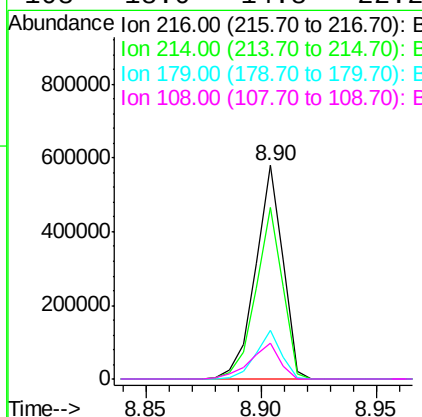
Manual Integrations
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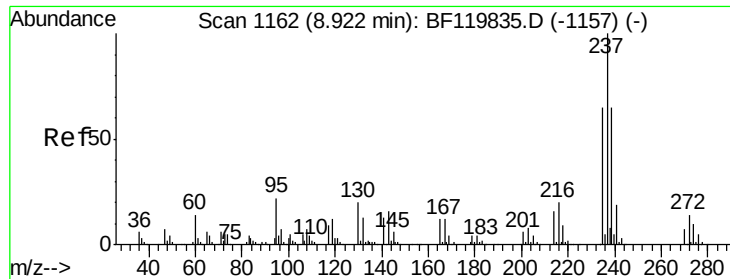
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.916 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	21.5	17.0	25.4
108	18.0	14.8	22.2





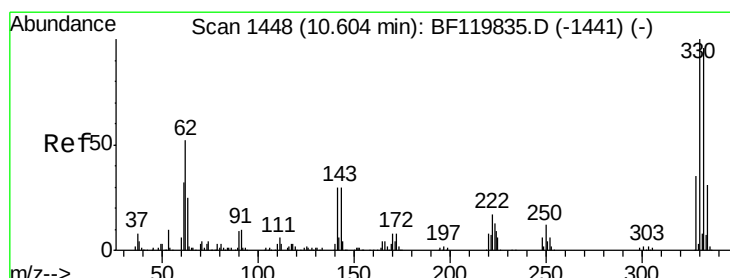
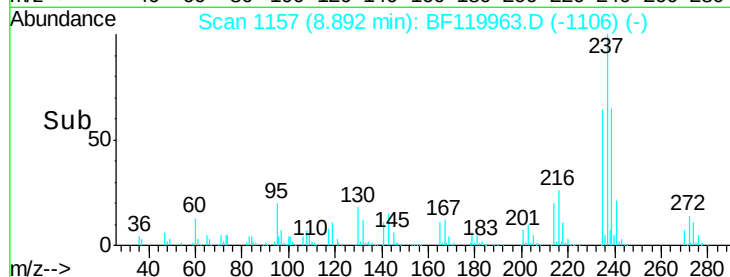
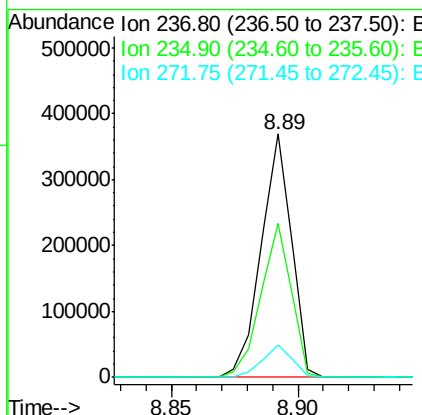
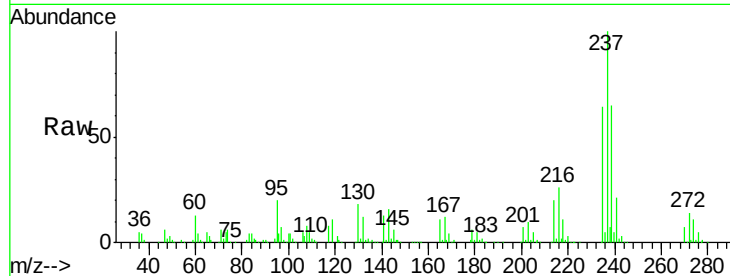
#41
Hexachlorocyclopentadiene
Concen: 42.079 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	44.9	84.9	
272	13.5	0.0	33.6	

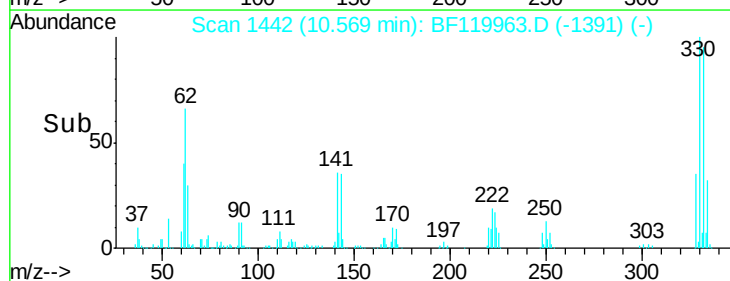
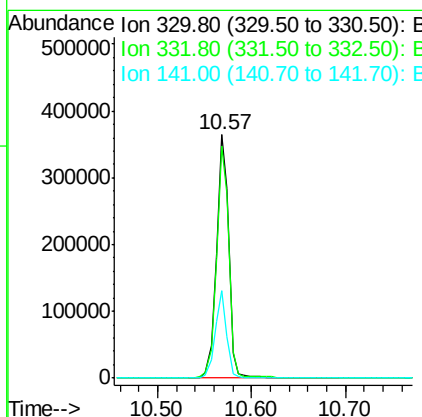
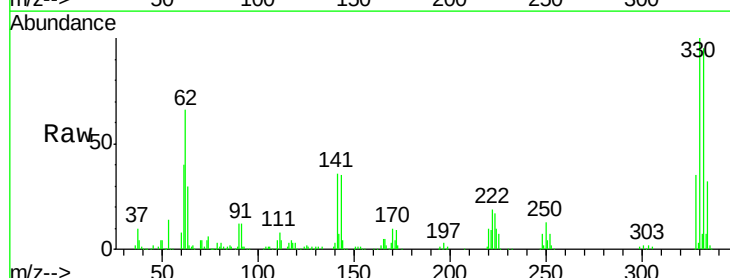
Manual Integrations
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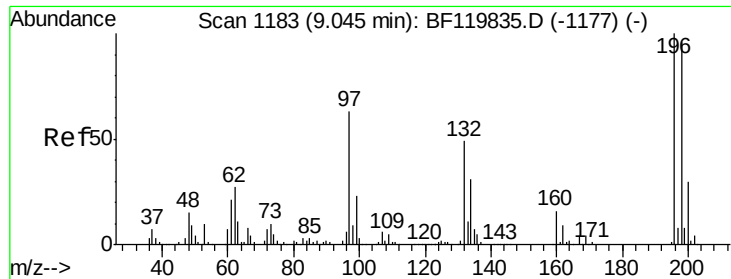
mohammad
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#42
2,4,6-Tribromophenol
Concen: 67.536 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.8	115.2	
141	33.5	25.1	37.7	





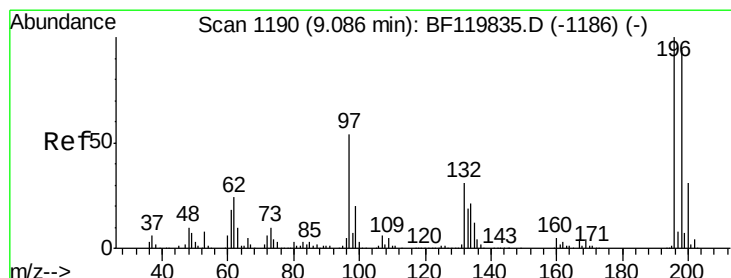
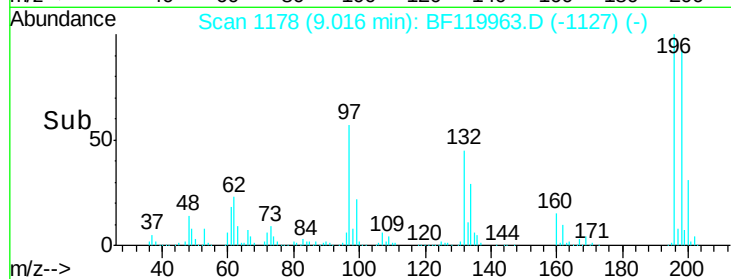
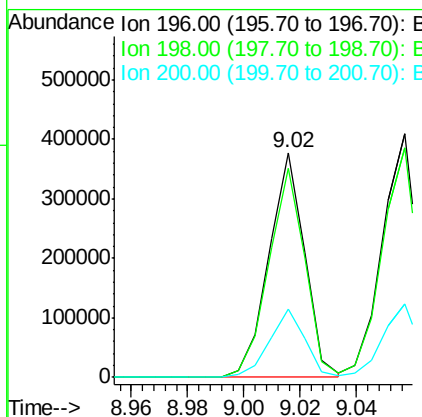
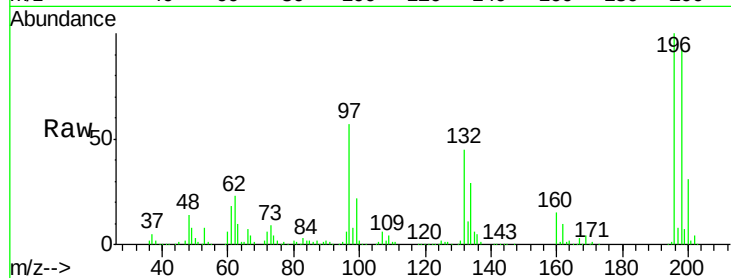
#43
 2,4,6-Trichlorophenol
 Concen: 37.061 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	331797
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.6	115.0
200	30.6	24.2	36.2

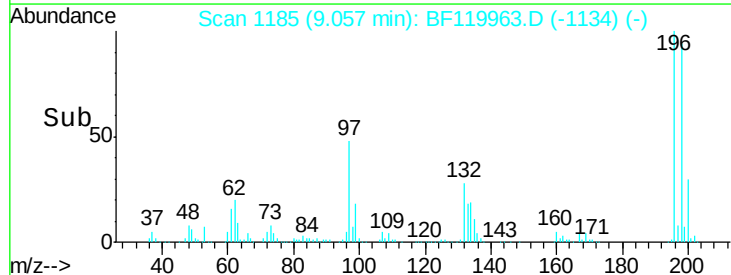
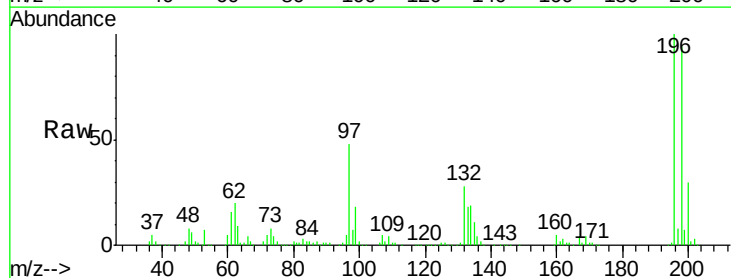
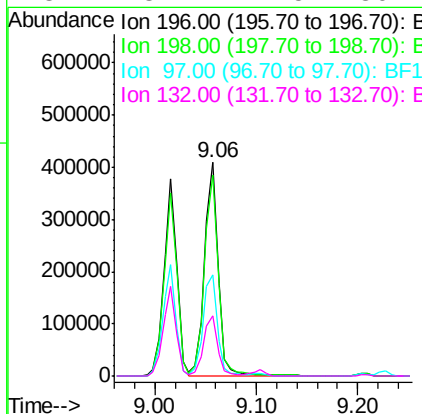
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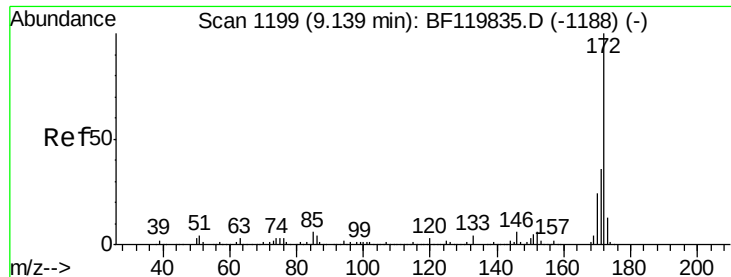
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.015 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion:	196	Resp:	383320
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.1	112.7
97	47.6	43.4	65.2
132	28.4	24.5	36.7





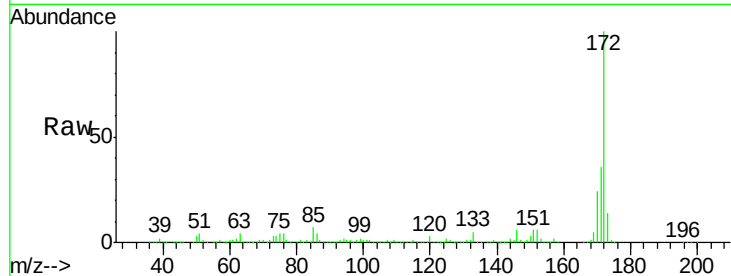
#45
2-Fluorobiphenyl
Concen: 74.601 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

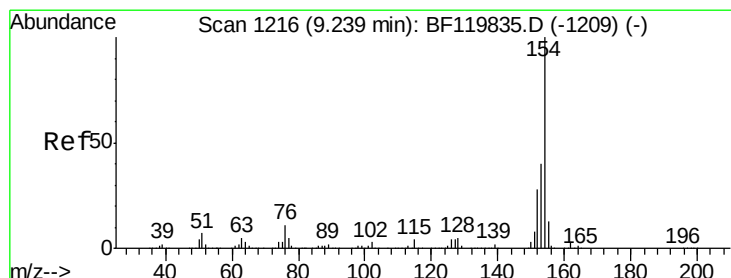
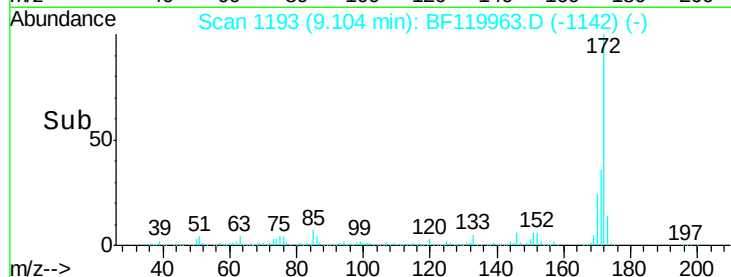
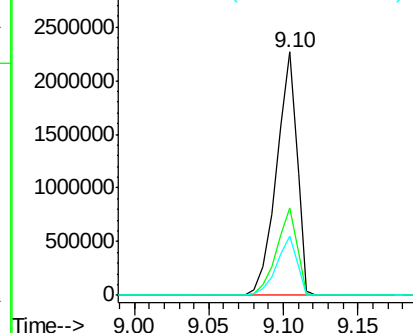
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.2	19.4	29.2

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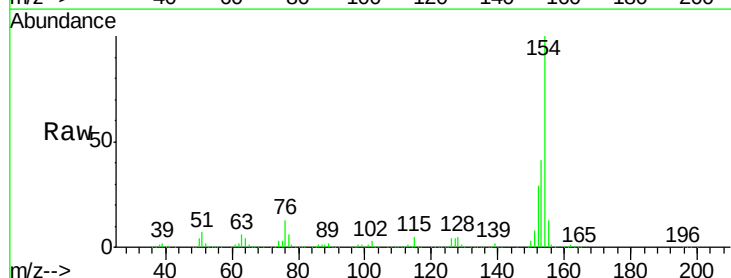


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

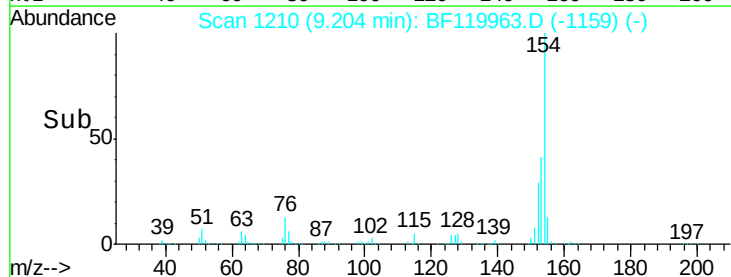
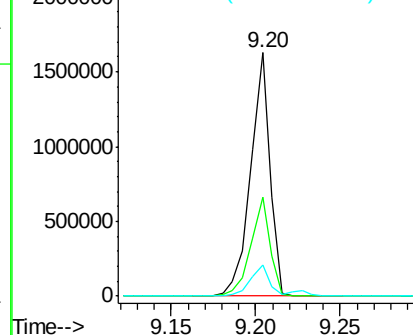


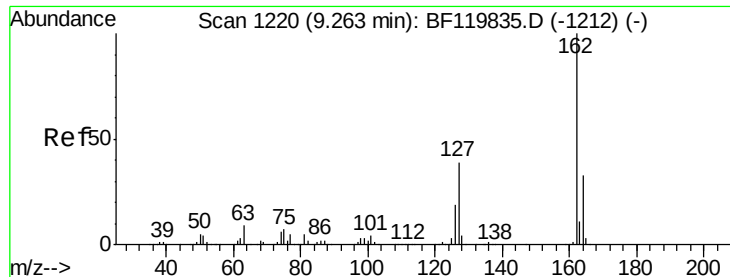
#46
1,1'-Biphenyl
Concen: 37.870 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.6	0.0	30.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





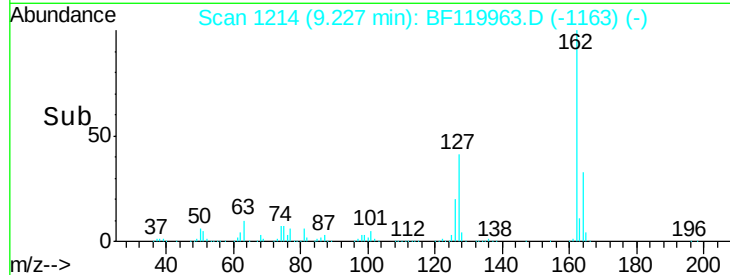
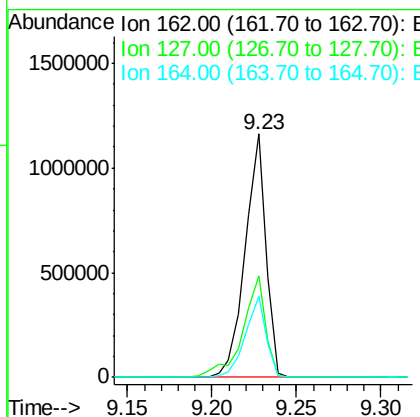
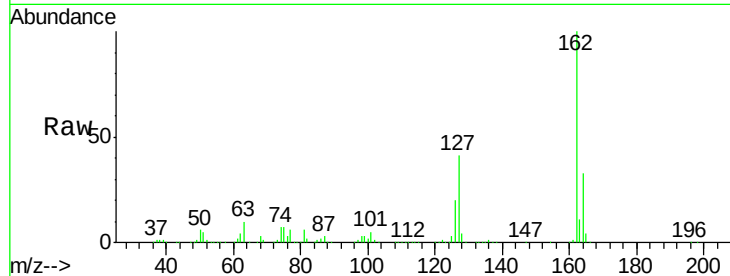
#47
 2-Chloronaphthalene
 Concen: 37.682 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.2	46.8
164	33.2	26.3	39.5

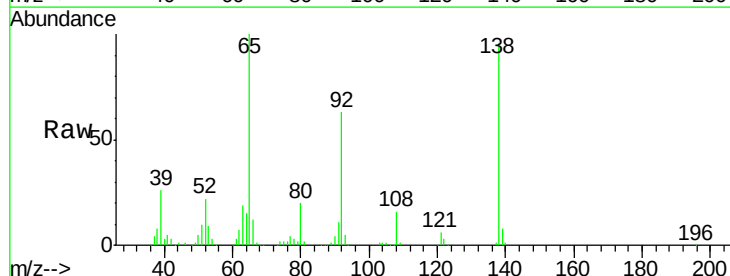
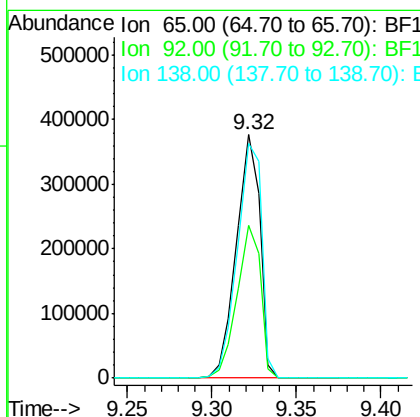
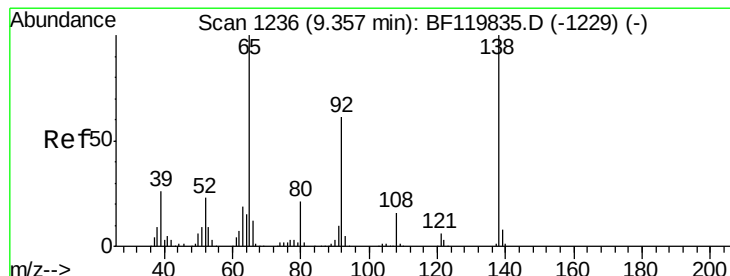
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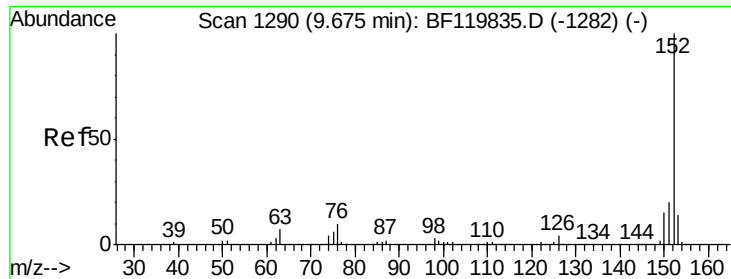
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#48
 2-Nitroaniline
 Concen: 37.955 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	49.0	73.6
138	96.5	79.7	119.5





#49

Acenaphthylene

Concen: 38.515 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

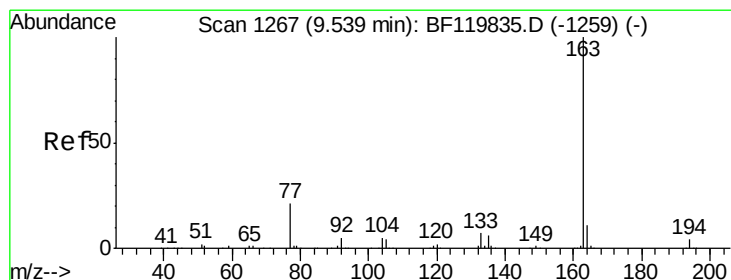
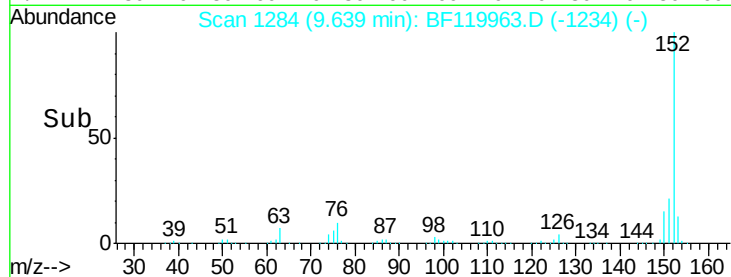
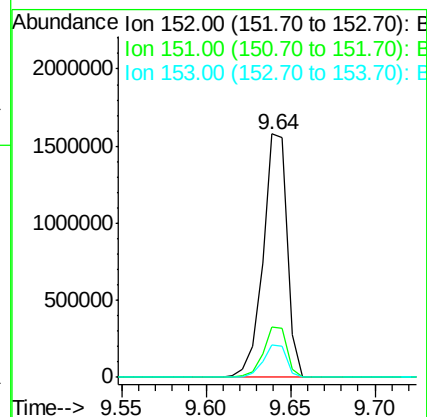
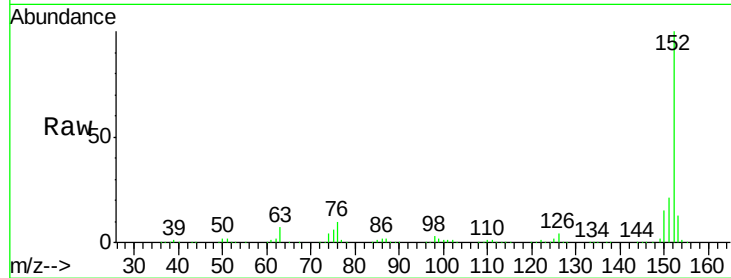
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1563307
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.5	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 36.980 ng

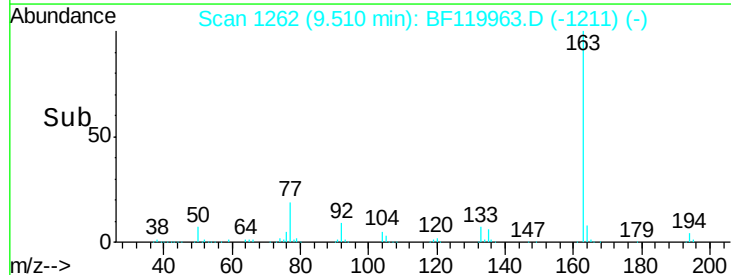
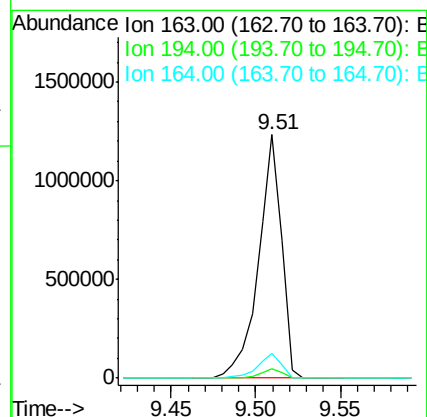
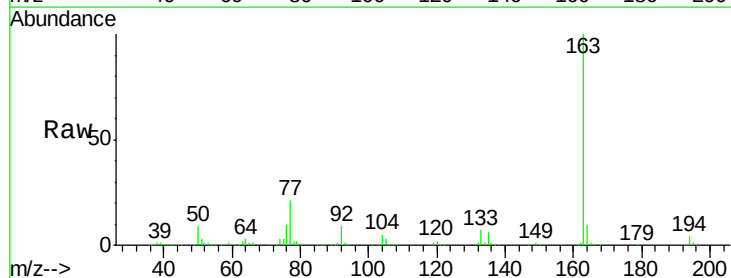
RT: 9.51 min Scan# 1262

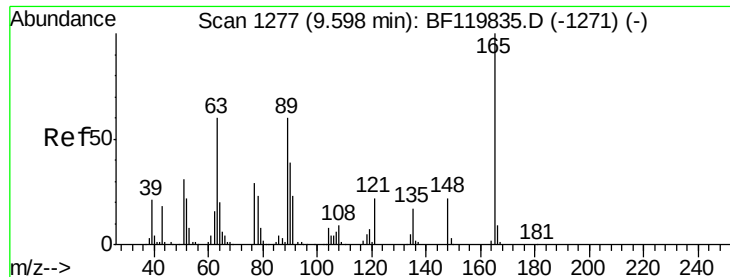
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	163	Resp:	1174114
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.3	8.4	12.6





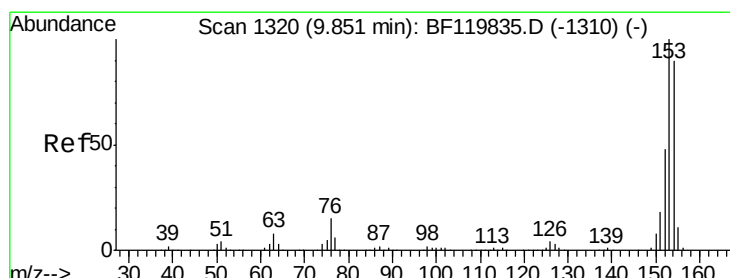
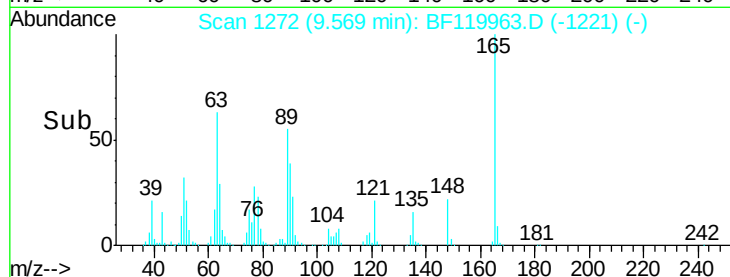
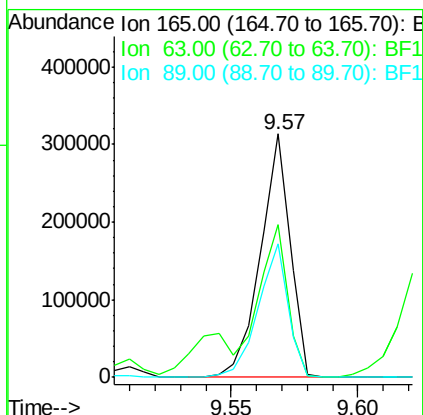
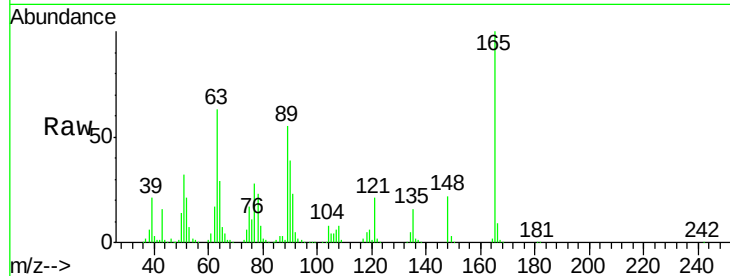
#51
 2,6-Dinitrotoluene
 Concen: 37.180 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258500		
63	62.7	55.6	83.4	
89	55.0	47.9	71.9	

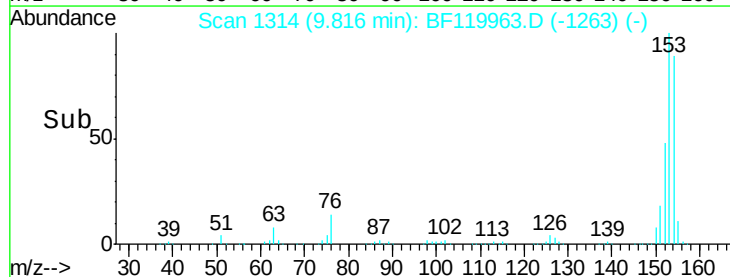
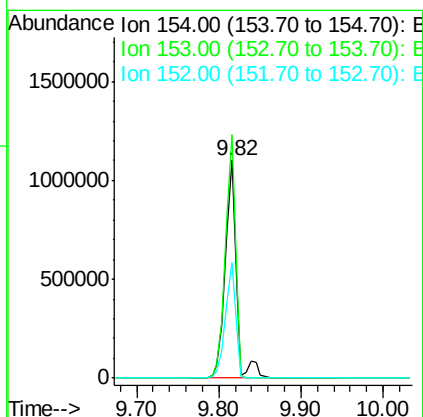
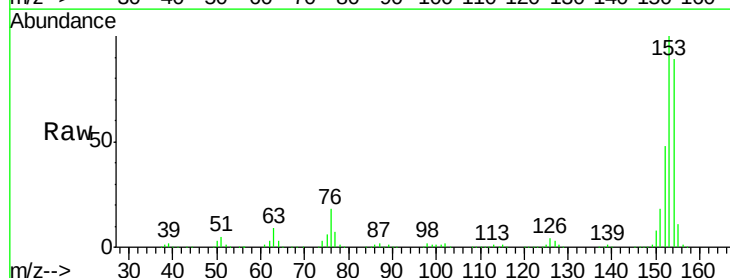
Manual Integrations
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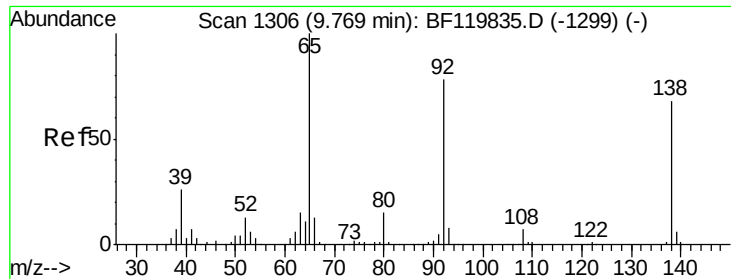
mohammad
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#52
 Acenaphthene
 Concen: 37.470 ng m
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1014538		
153	111.9	88.8	133.2	
152	53.4	42.4	63.6	





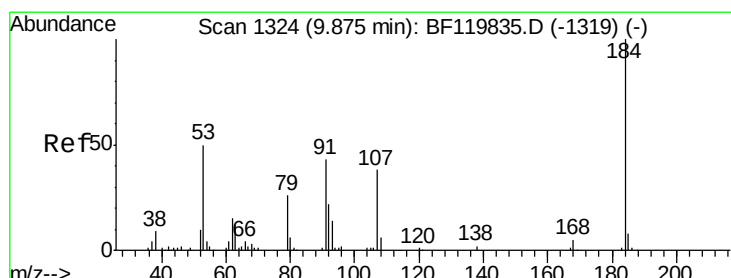
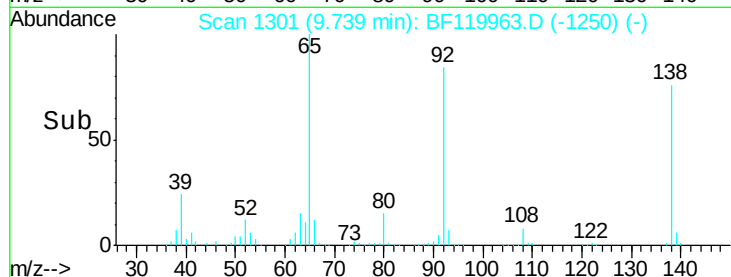
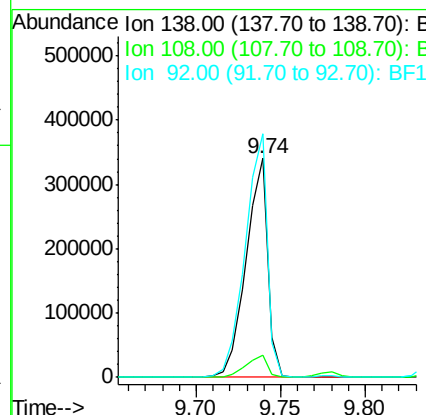
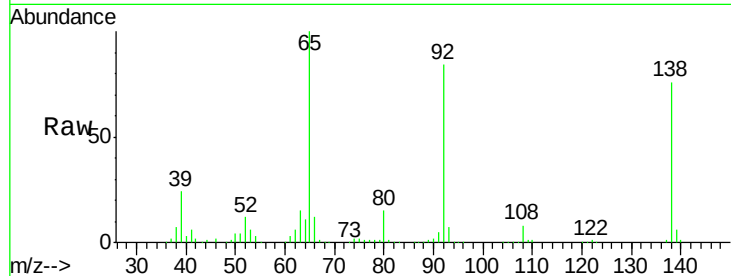
#53
3-Nitroaniline
Concen: 38.594 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.0	12.0
92	111.1	92.1	138.1

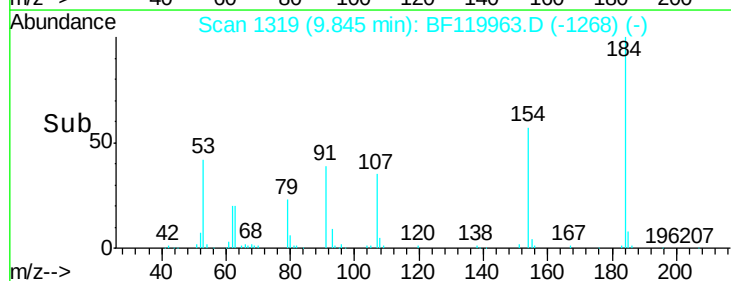
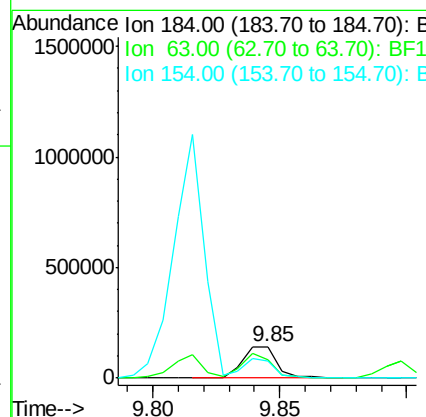
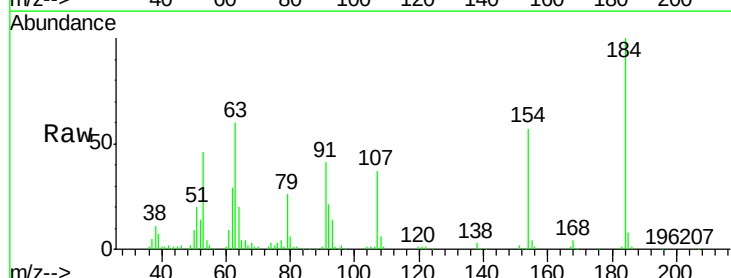
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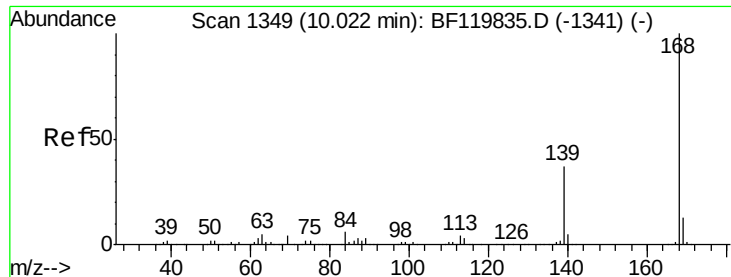
mohammad
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#54
2,4-Dinitrophenol
Concen: 32.305 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	49.8	74.6
154	56.8	46.5	69.7





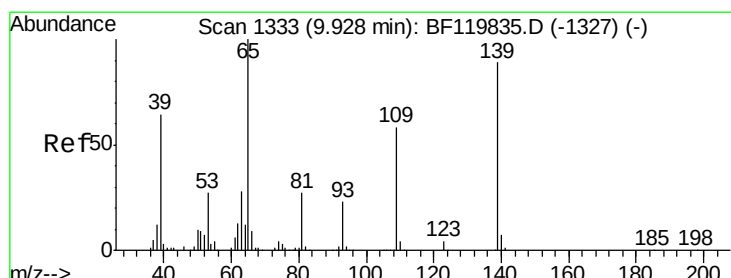
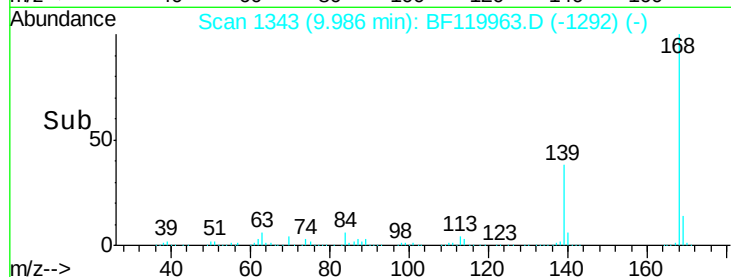
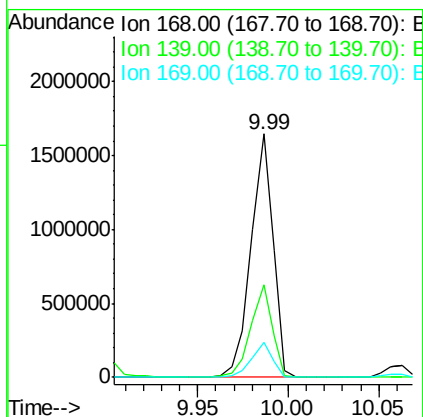
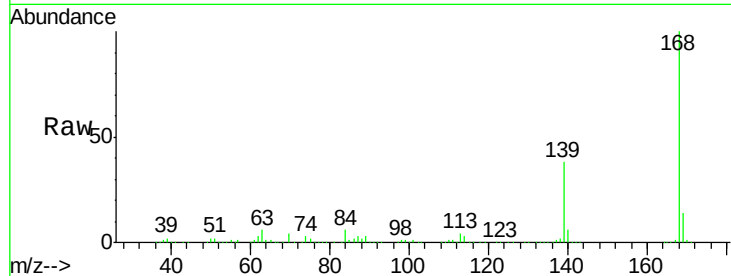
#55
Dibenzofuran
Concen: 37.639 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.8	44.6
169	14.2	10.6	15.8

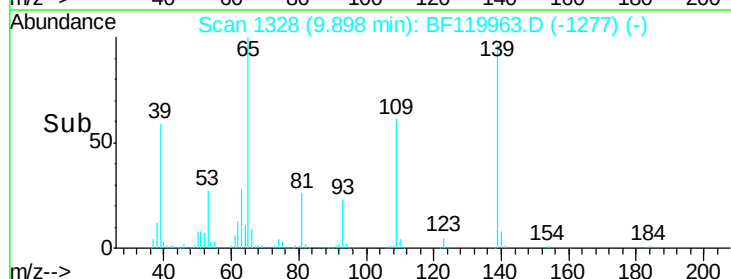
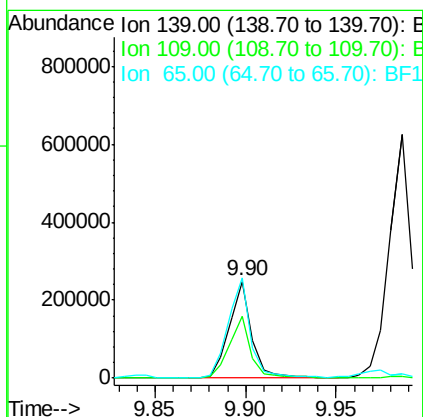
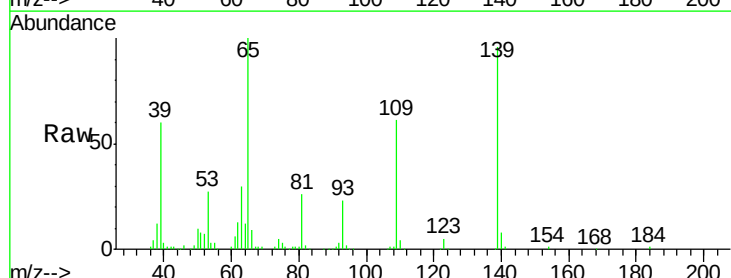
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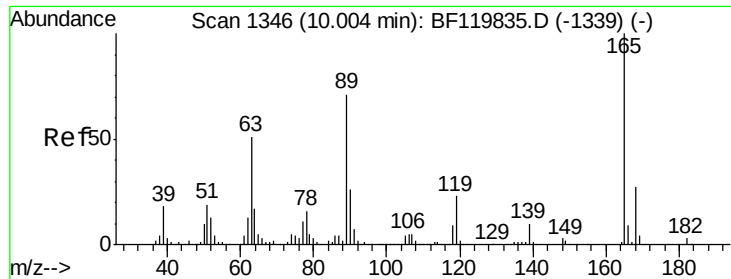
mohammad
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#56
4-Nitrophenol
Concen: 36.599 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	45.5	85.5
65	104.4	92.3	132.3





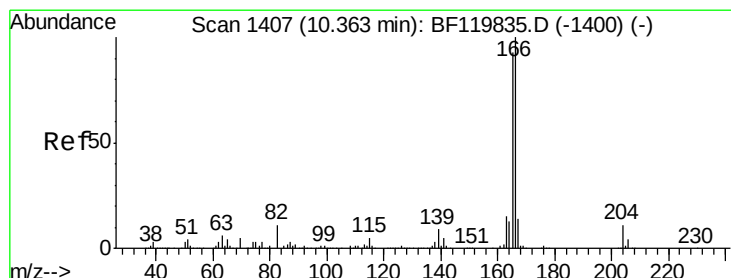
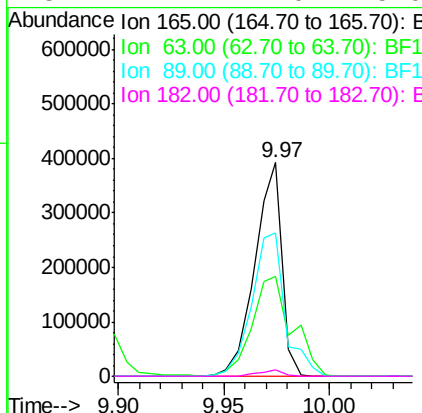
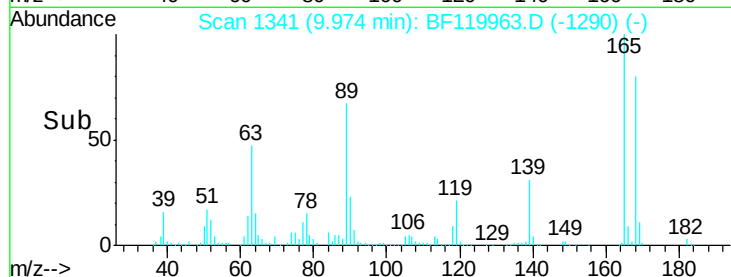
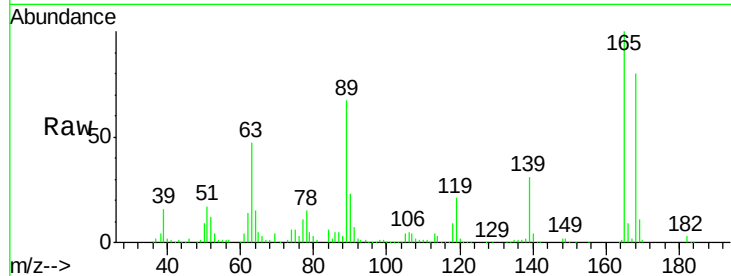
#57
2,4-Dinitrotoluene
Concen: 38.012 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		348200		
63	47.0		40.8	61.2	
89	67.3		56.9	85.3	
182	2.7		2.0	3.0	

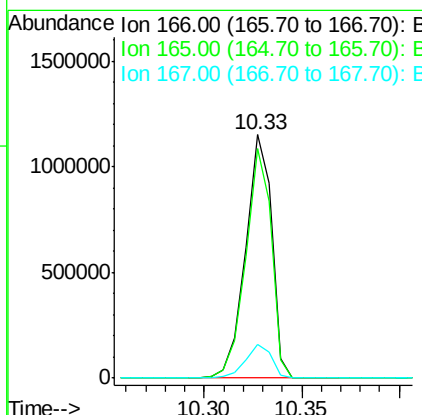
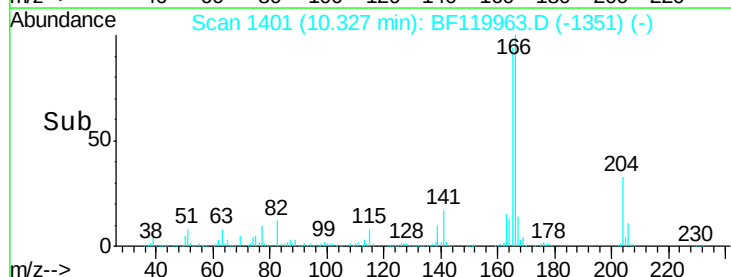
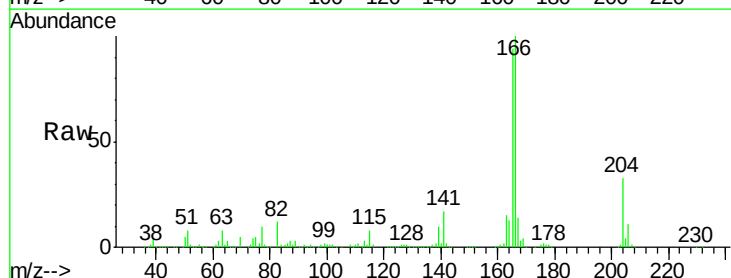
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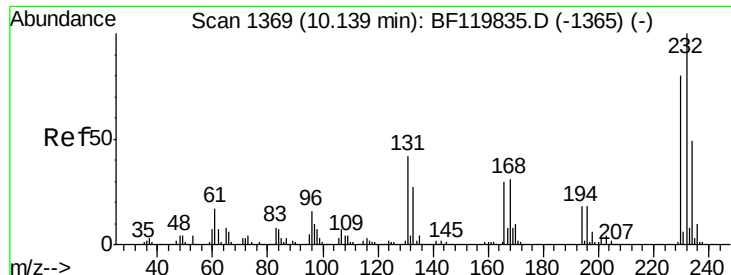
mohammad
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#58
Fluorene
Concen: 35.938 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1067890		
165	94.4		74.2	111.2	
167	14.0		10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.763 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 291223

Ion Ratio Lower Upper

232 100

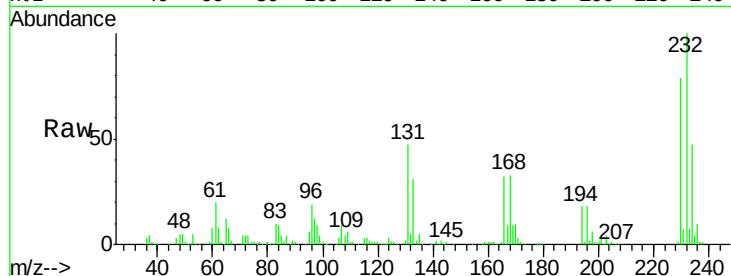
131 45.1 37.9 56.9

130 2.2 1.8 2.6

166 30.4 25.4 38.0

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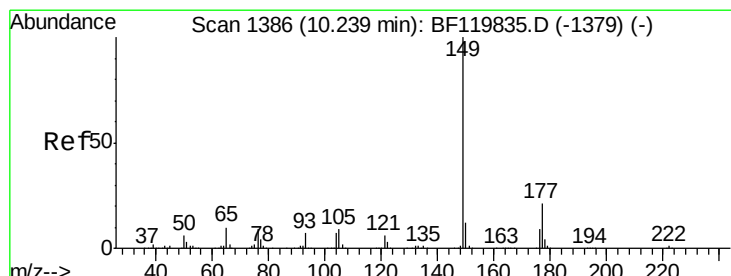
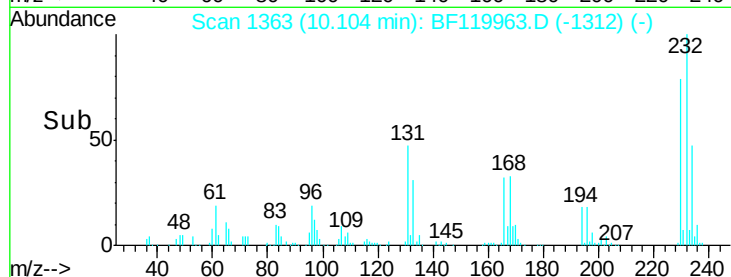
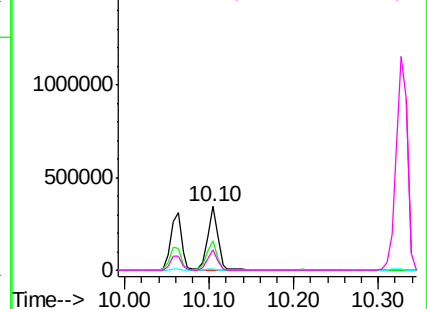


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 36.511 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:149 Resp: 1201450

Ion Ratio Lower Upper

149 100

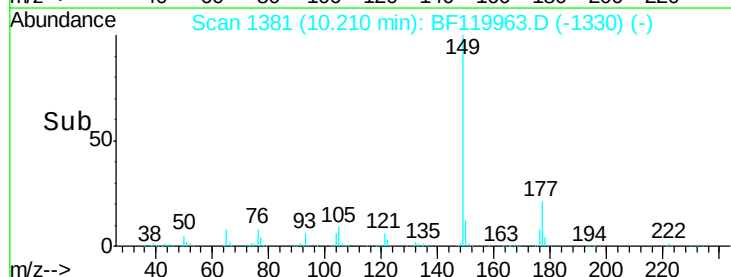
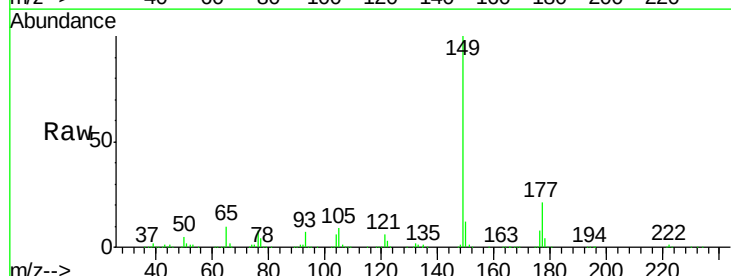
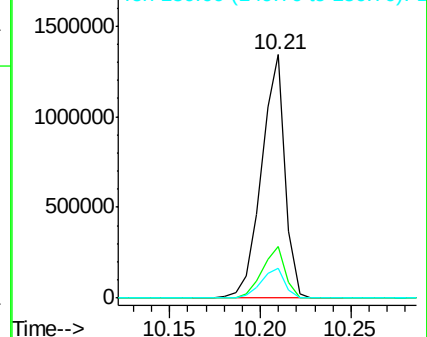
177 21.1 16.8 25.2

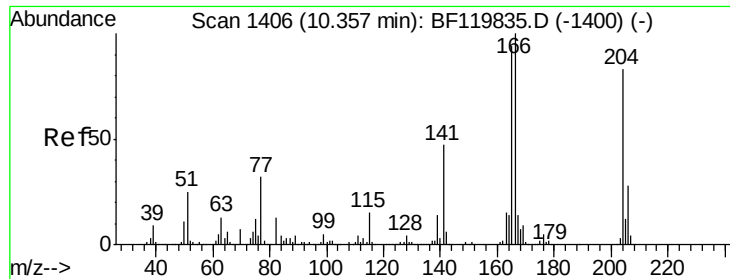
150 12.5 9.8 14.6

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





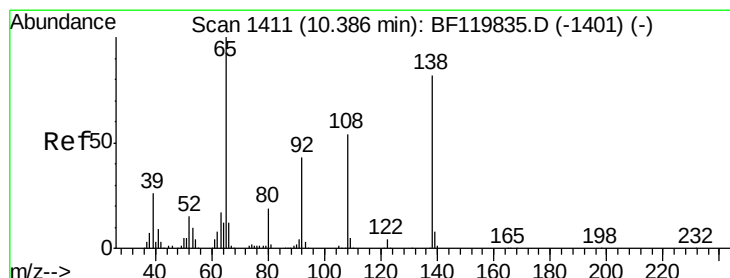
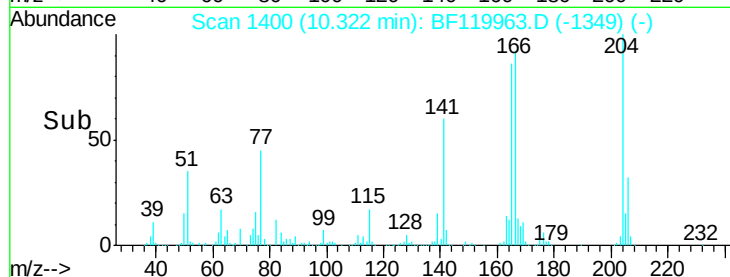
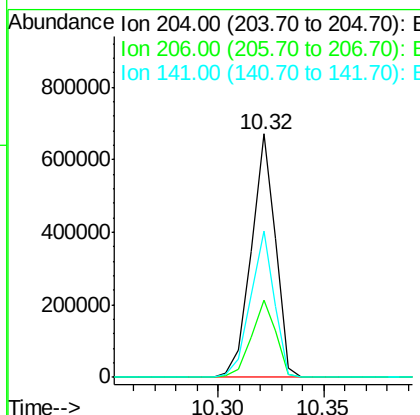
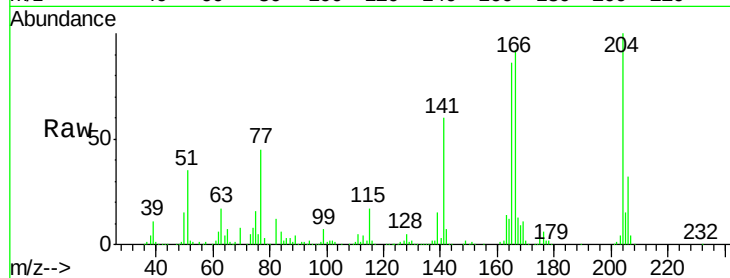
#61
4-Chlorophenyl-phenylether
Concen: 35.122 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.7	40.1
141	60.0	45.8	68.8

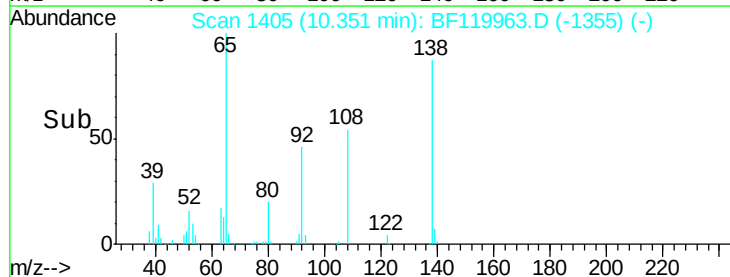
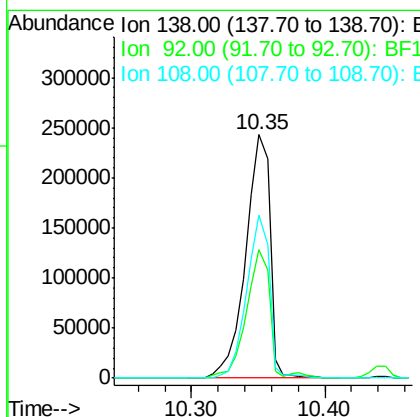
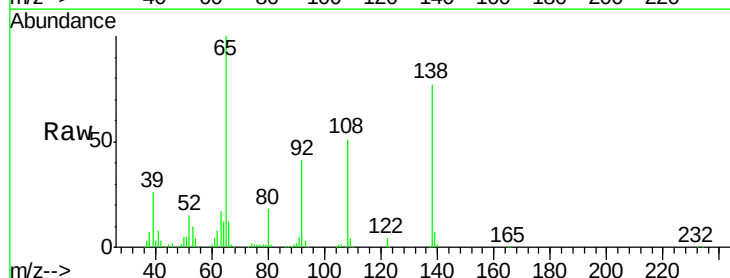
Manual Integrations
APPROVED

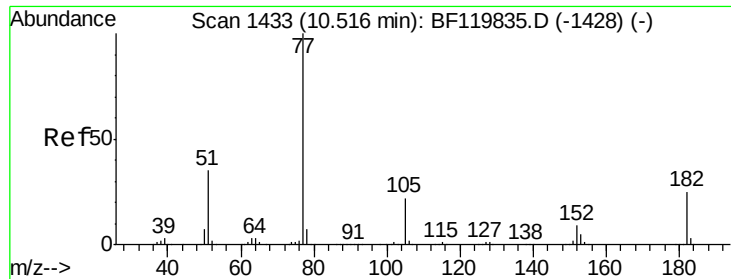
mohammad
4/16/2020 12:51:26 PM



#62
4-Nitroaniline
Concen: 40.196 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.6	71.6
108	66.8	45.2	85.2





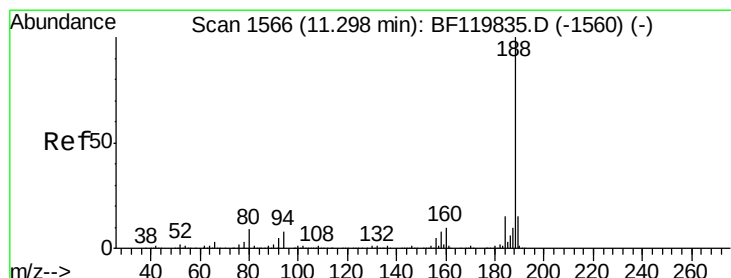
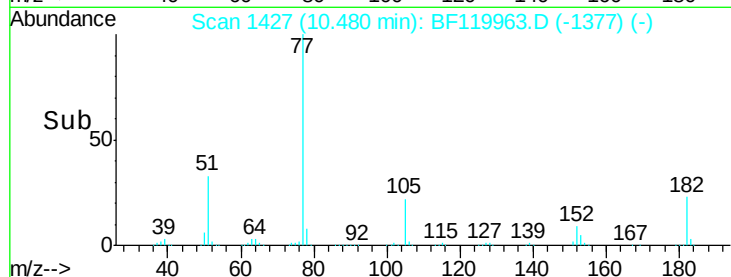
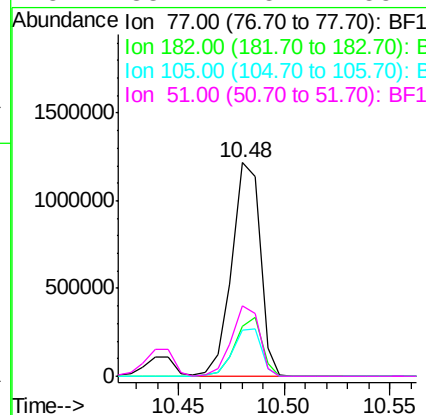
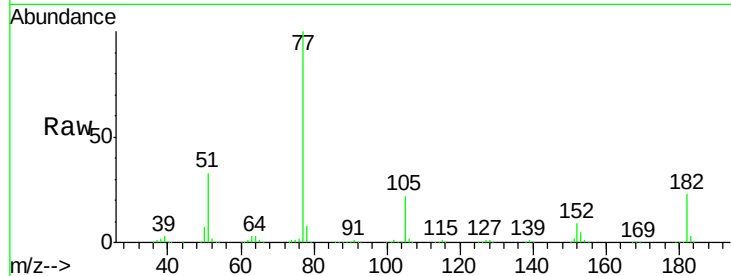
#63
Azobenzene
Concen: 38.209 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.5	44.5
105	21.8	2.2	42.2
51	33.1	15.1	55.1

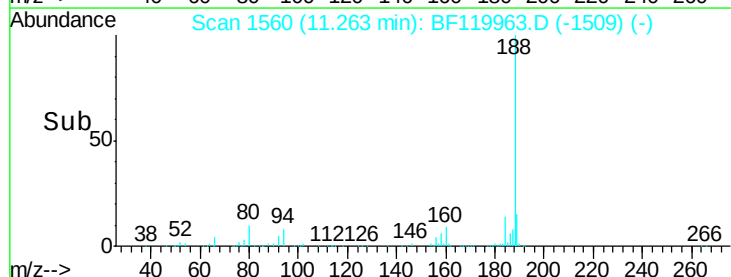
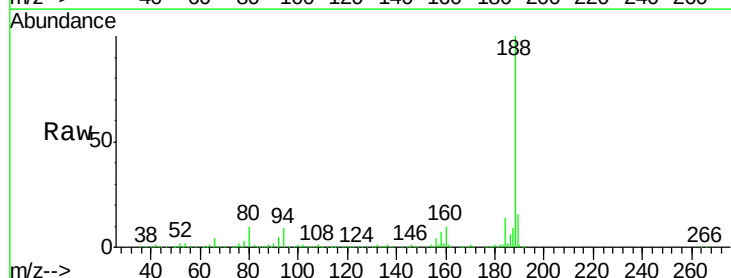
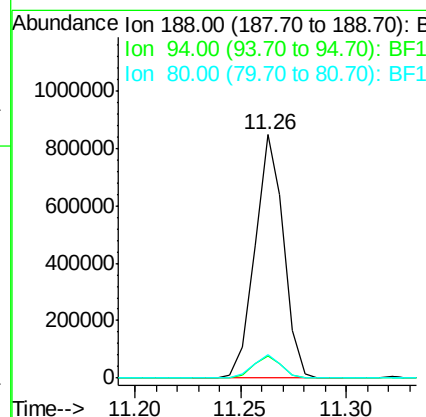
Manual Integrations
APPROVED

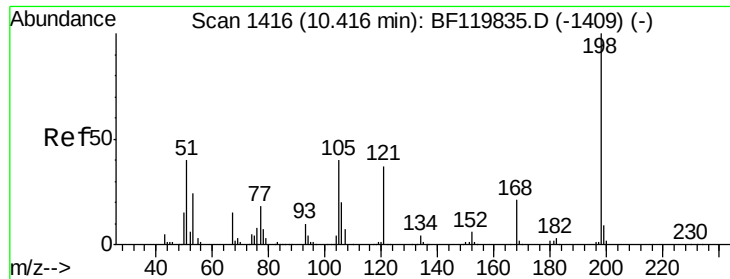
mohammad
4/16/2020 12:51:26 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.8	7.4	11.2





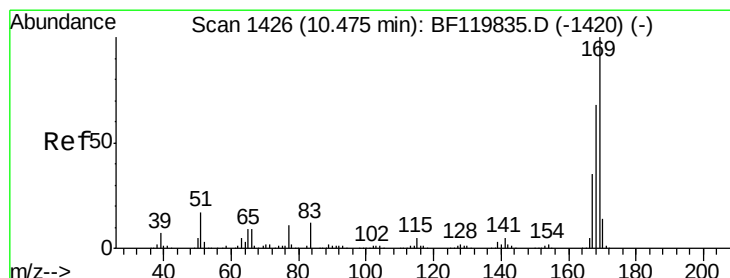
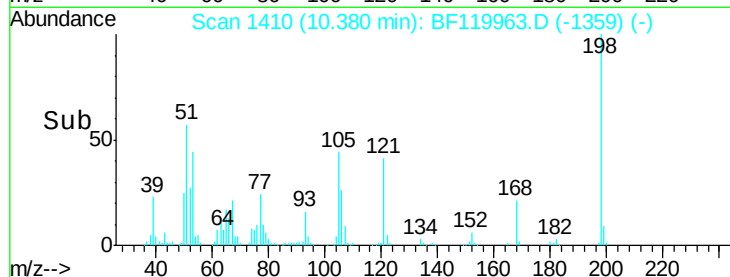
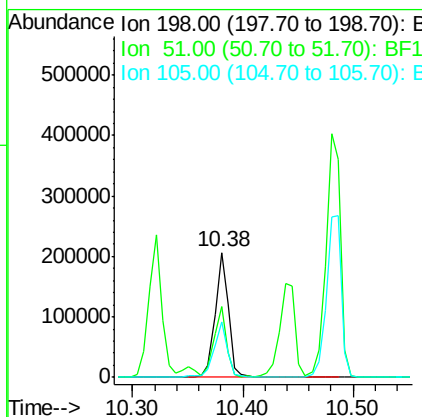
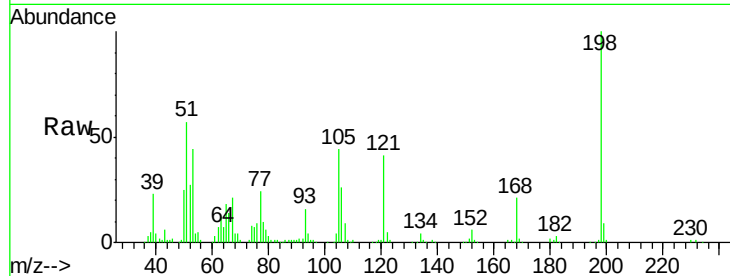
#65
4,6-Dinitro-2-methylphenol
Concen: 32.573 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	56.7	25.2	65.2
105	44.1	20.8	60.8

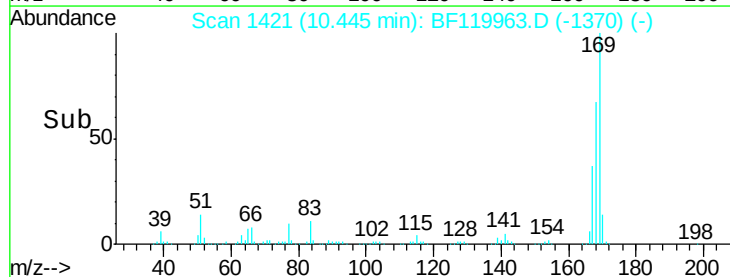
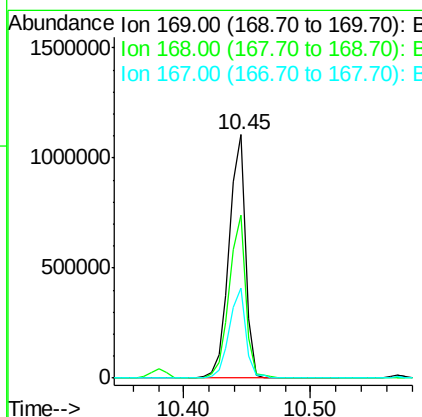
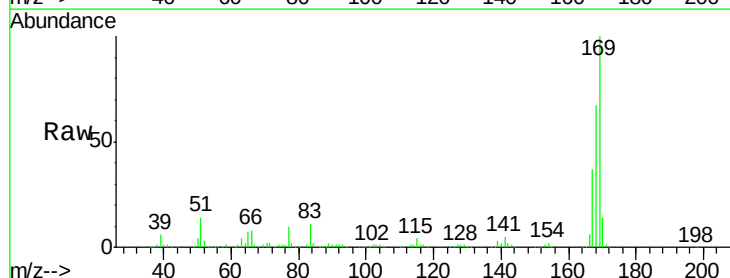
Manual Integrations
APPROVED

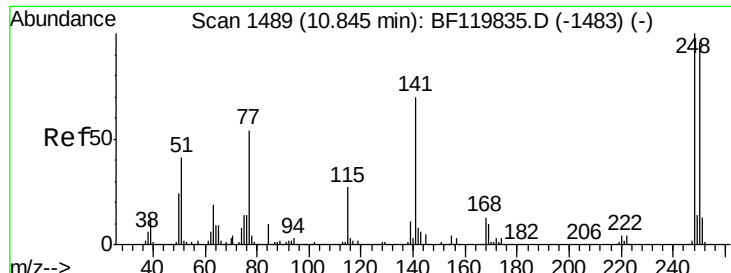
mohammad
4/16/2020 12:51:26 PM



#66
n-Nitrosodiphenylamine
Concen: 37.399 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.4
167	37.0	28.3	42.5





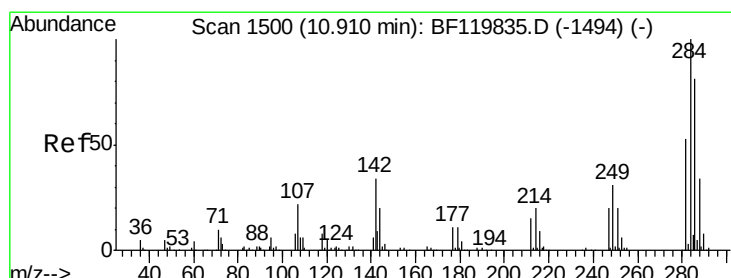
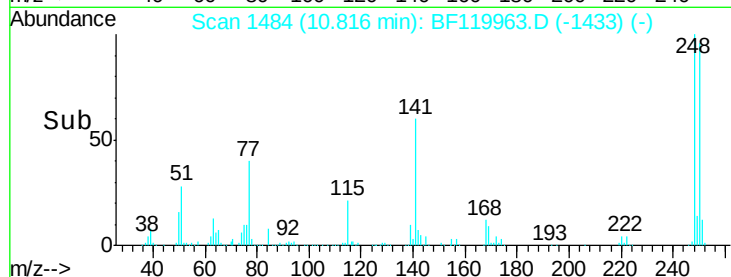
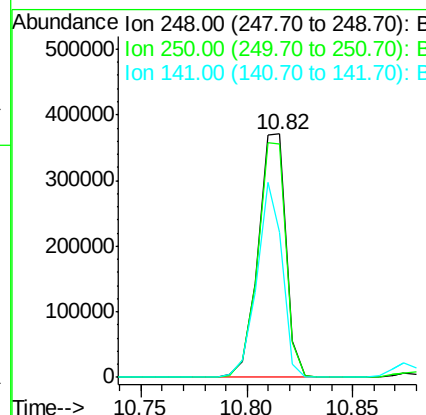
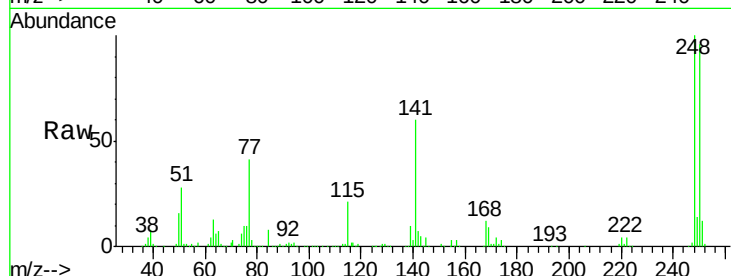
#67
 4-Bromophenyl-phenylether
 Concen: 34.642 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.6	114.8
141	59.8	55.9	83.9

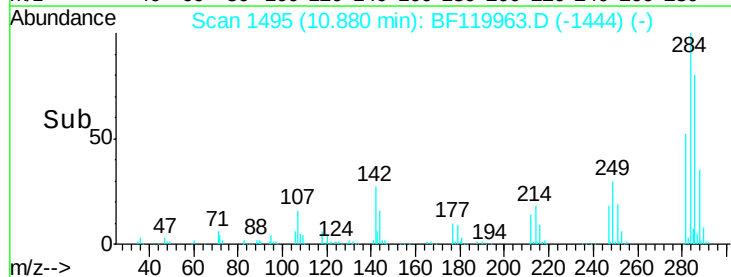
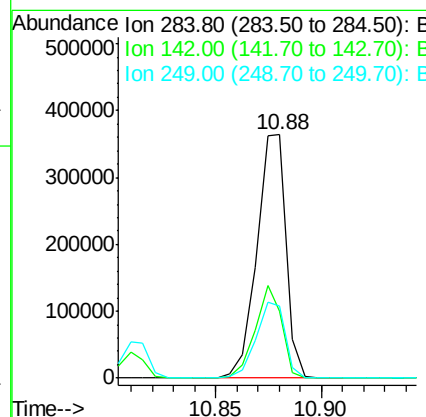
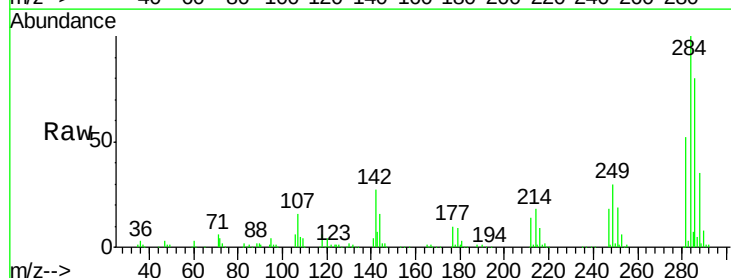
Manual Integrations
 APPROVED

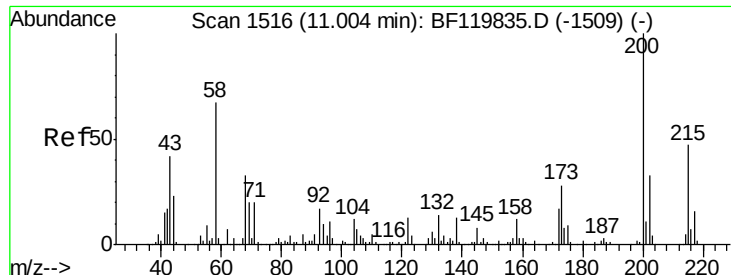
mohammad
 4/16/2020 12:51:26 PM



#68
 Hexachlorobenzene
 Concen: 34.980 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	26.9	40.3
249	29.7	24.6	37.0





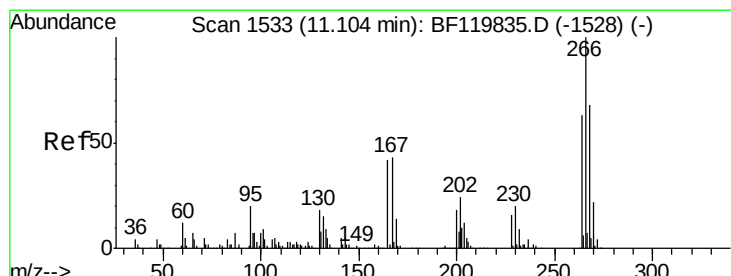
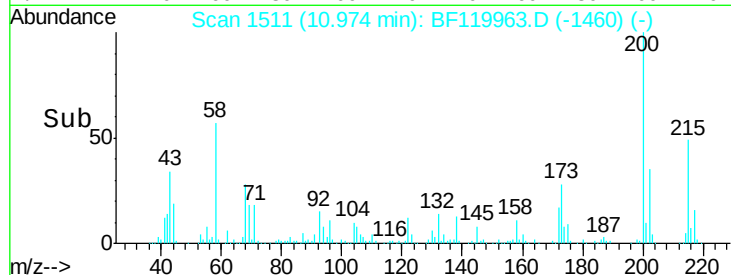
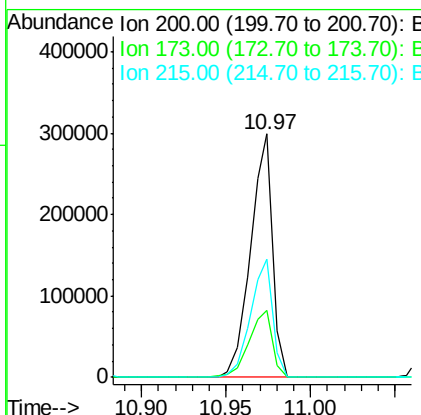
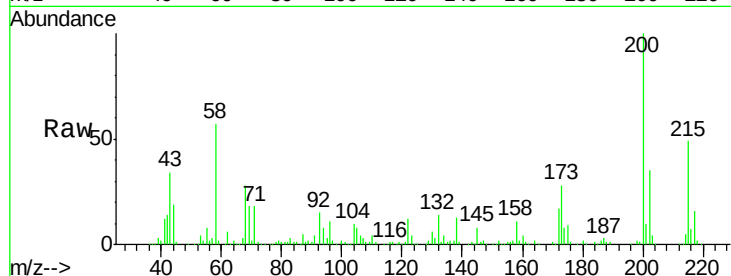
#69
Atrazine
Concen: 36.941 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	271774		
173	27.5	8.0	48.0	
215	48.6	27.1	67.1	

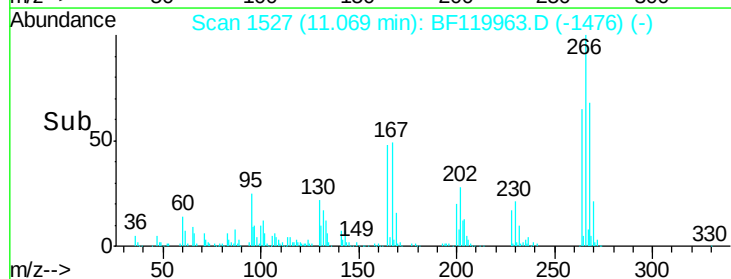
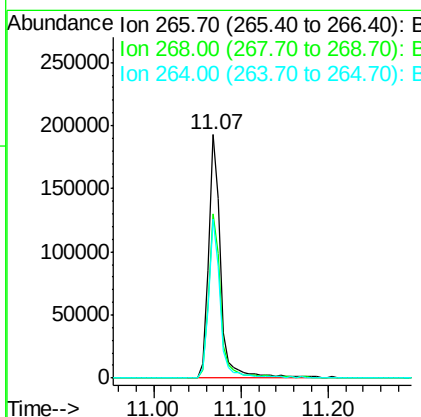
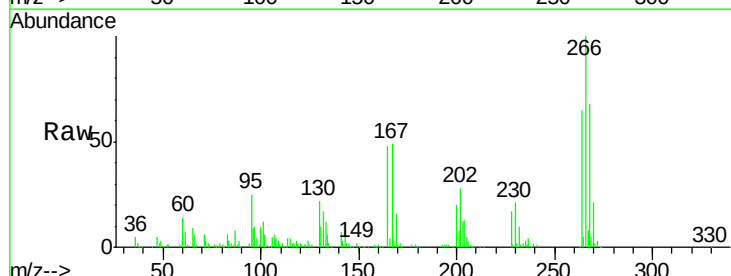
Manual Integrations
APPROVED

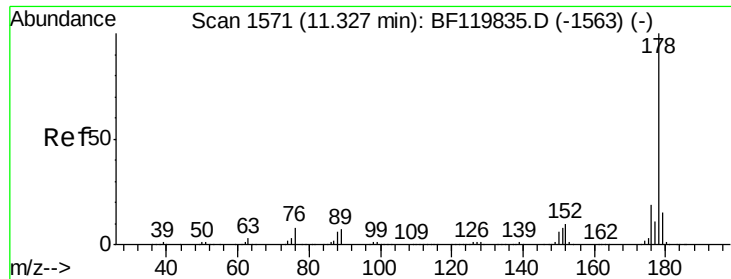
mohammad
4/16/2020 12:51:26 PM



#70
Pentachlorophenol
Concen: 32.263 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	186490		
268	67.7	54.2	81.4	
264	65.4	50.6	76.0	





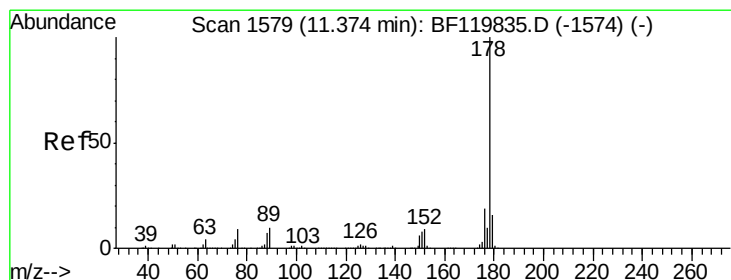
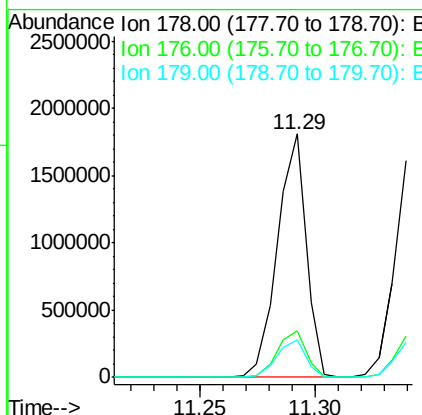
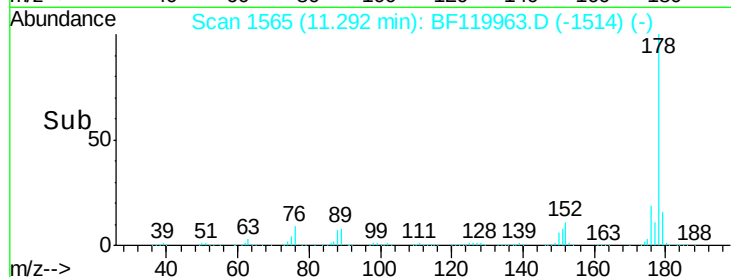
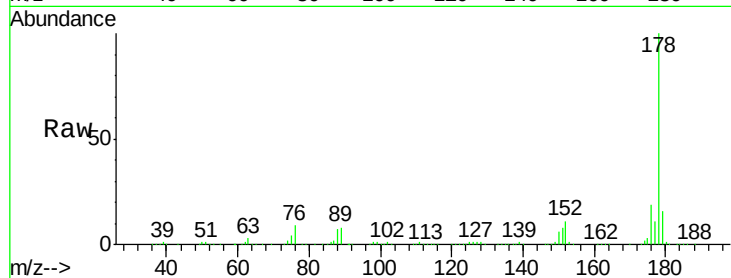
#71
Phenanthrene
Concen: 36.906 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1561656
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.5 12.2 18.4

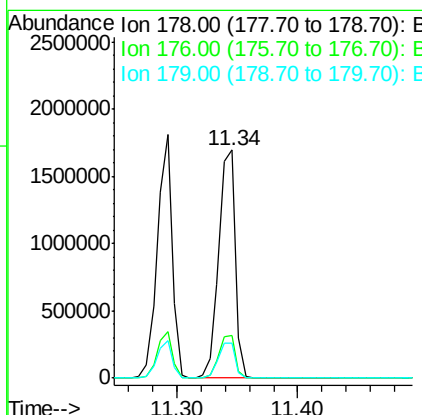
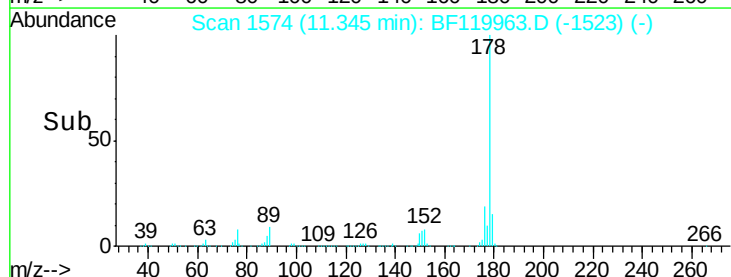
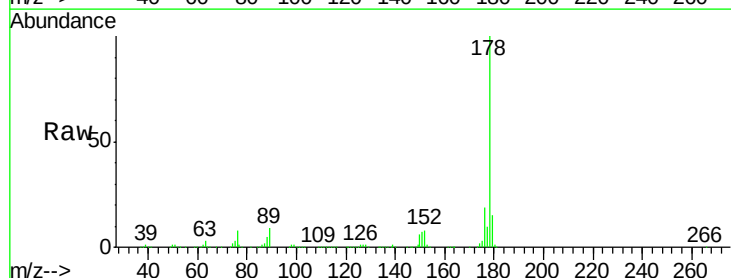
Manual Integrations
APPROVED

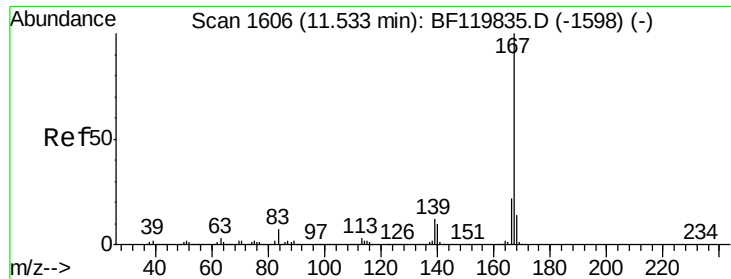
mohammad
4/16/2020 12:51:26 PM



#72
Anthracene
Concen: 36.653 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion:178 Resp: 1584374
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.8 19.2





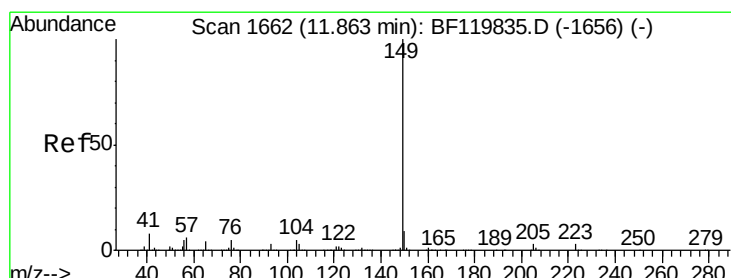
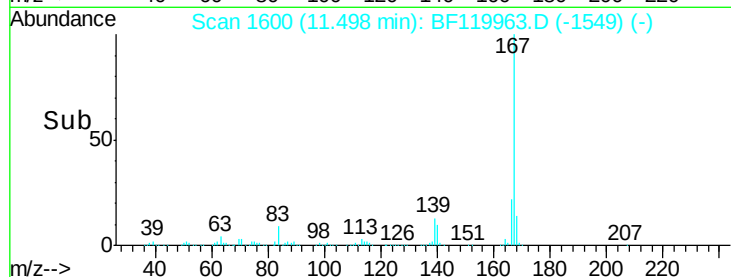
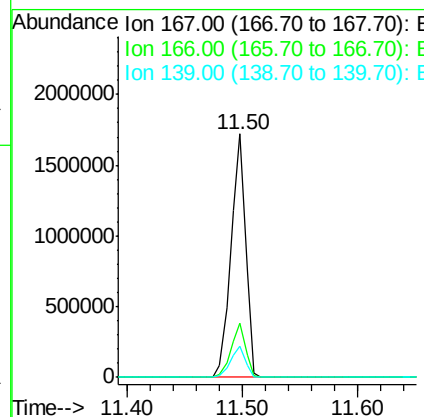
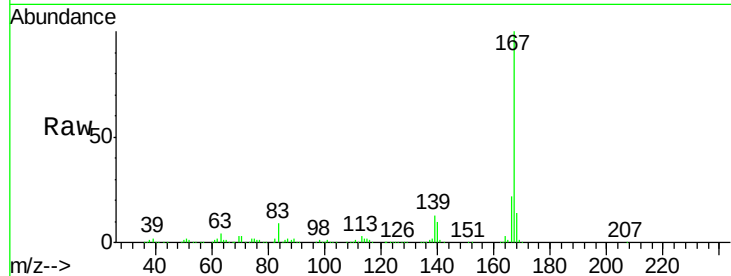
#73
 Carbazole
 Concen: 37.032 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	12.8	9.8	14.8

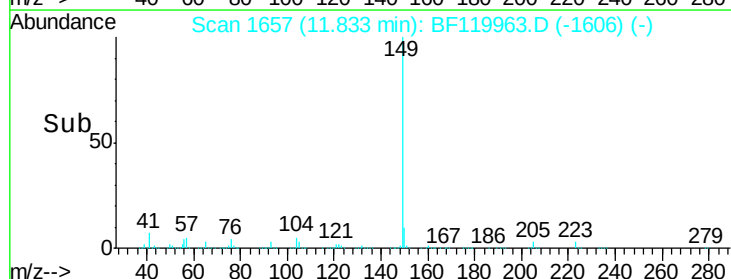
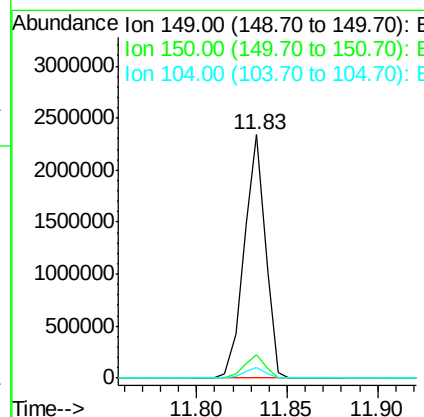
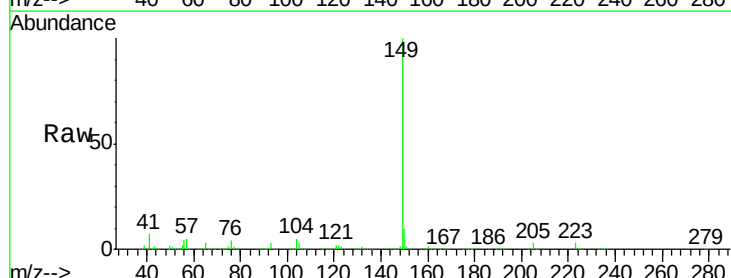
Manual Integrations
 APPROVED

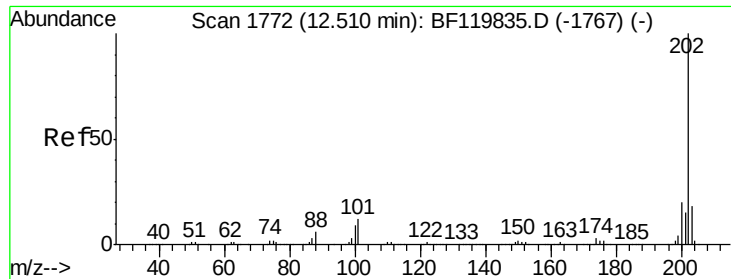
mohammad
 4/16/2020 12:51:26 PM



#74
 Di-n-butylphthalate
 Concen: 35.250 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

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





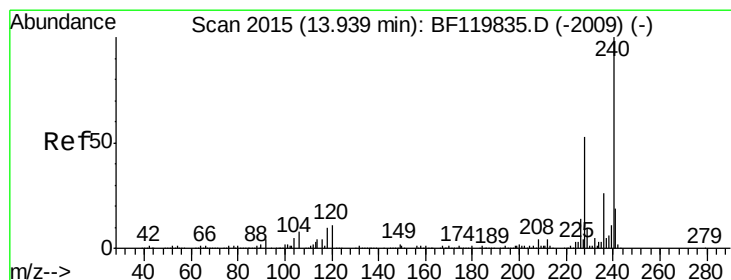
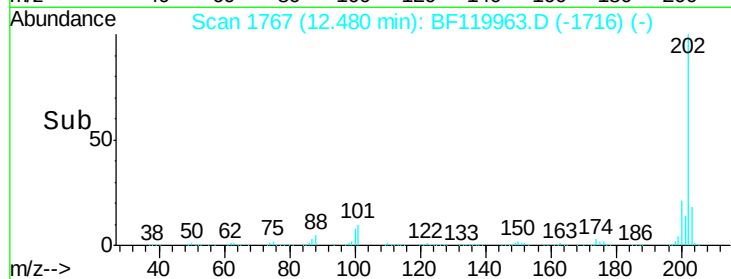
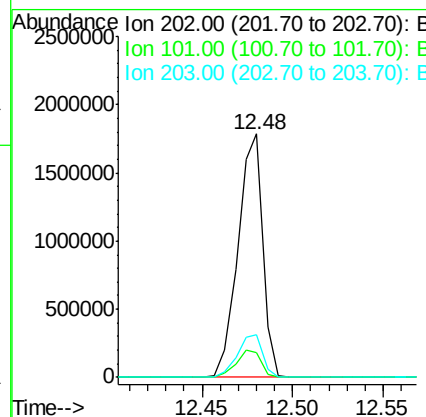
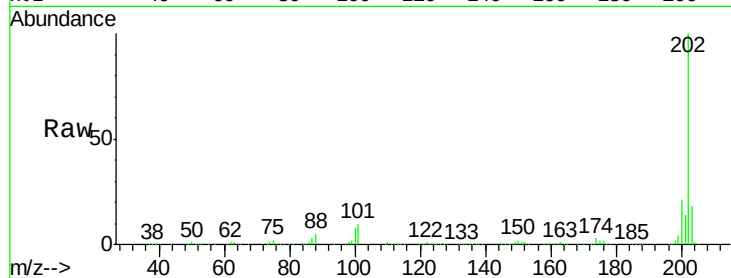
#75
Fluoranthene
Concen: 36.998 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1689226		
101	10.2	0.0	32.3	
203	17.7	0.0	37.6	

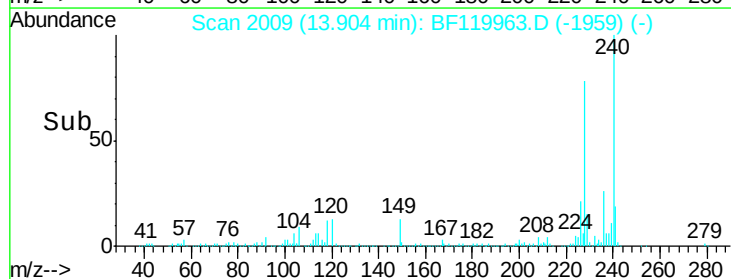
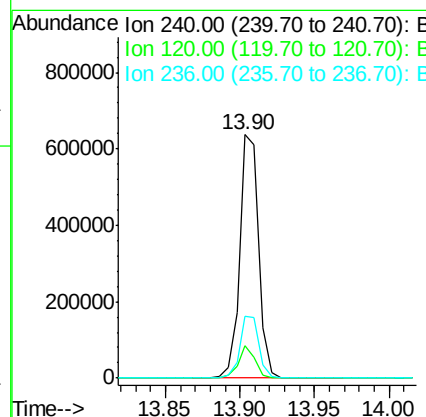
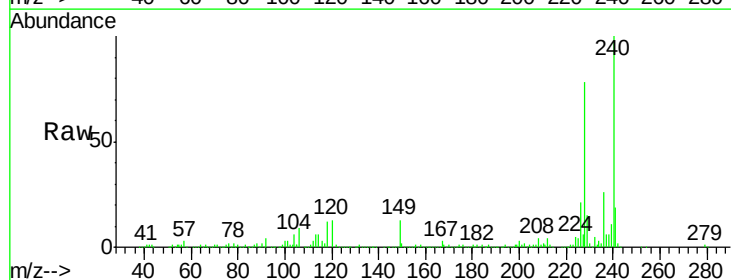
Manual Integrations
APPROVED

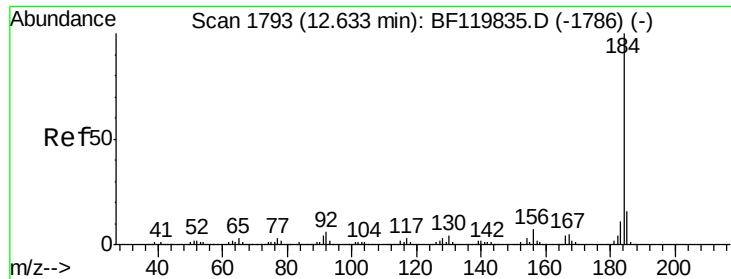
mohammad
4/16/2020 12:51:26 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	568028		
120	13.3	9.0	13.6	
236	25.5	20.7	31.1	





#77

Benzidine

Concen: 34.077 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

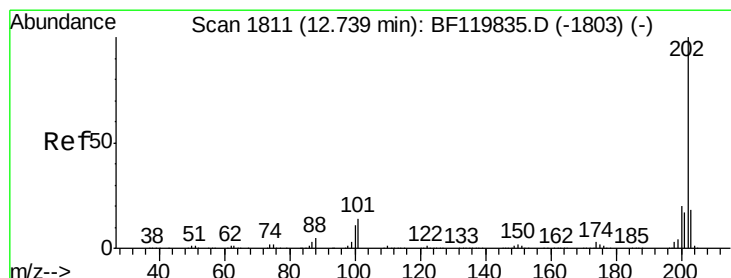
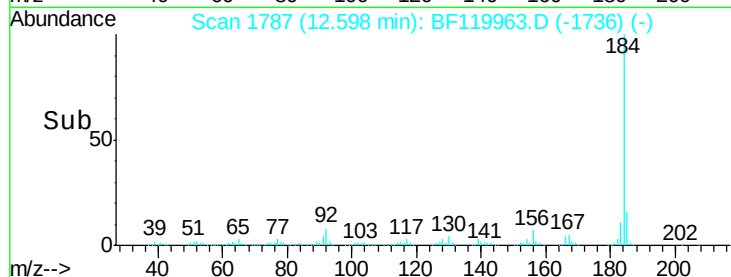
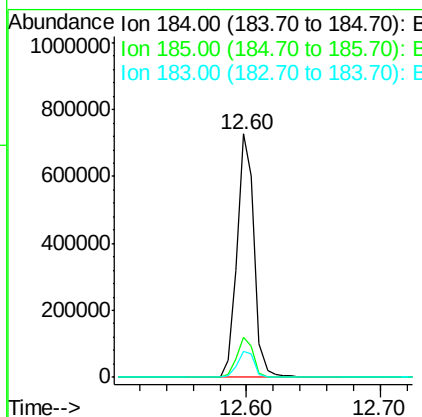
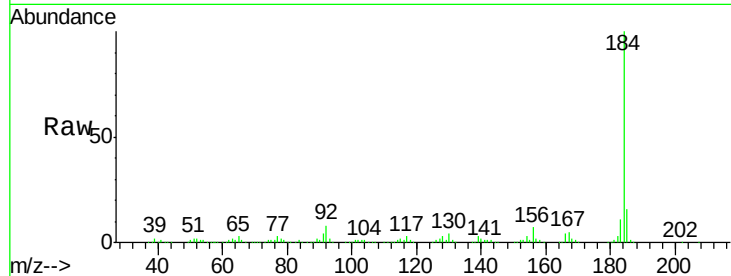
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	654321
Ion Ratio	Lower	Upper	
184	100		
185	16.5	13.2	19.8
183	10.8	9.1	13.7

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#78

Pyrene

Concen: 36.053 ng

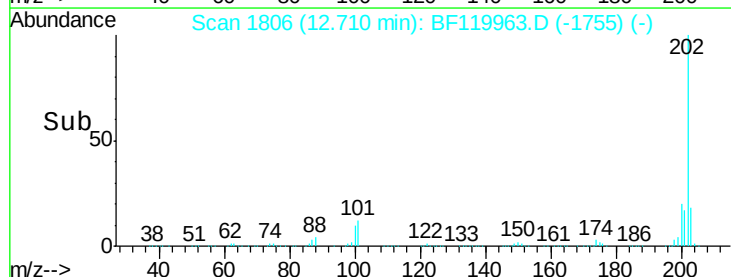
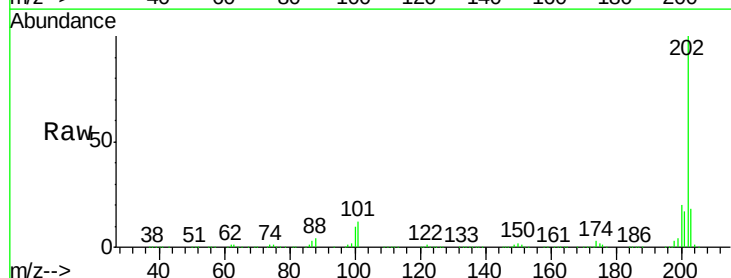
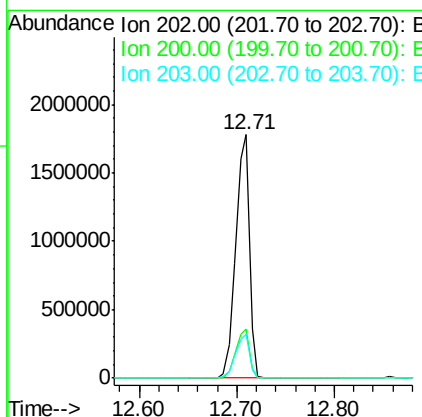
RT: 12.71 min Scan# 1806

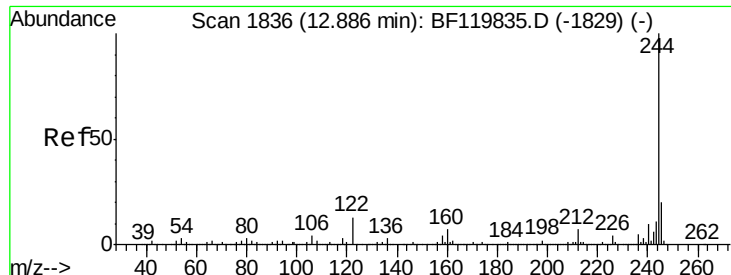
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	202	Resp:	1726448
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	17.9	14.1	21.1





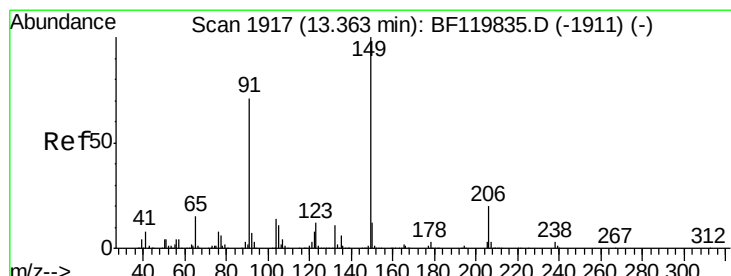
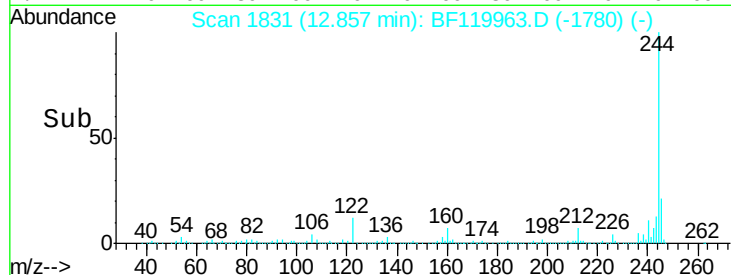
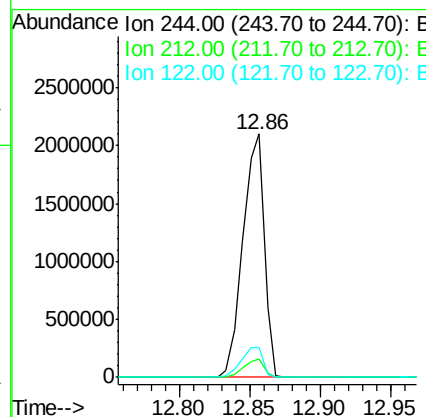
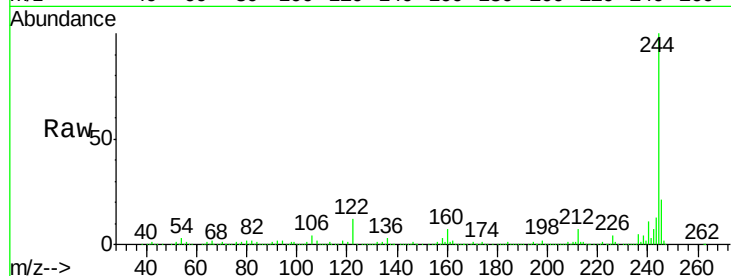
#79
 Terphenyl-d14
 Concen: 65.623 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2215297
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 12.3 10.3 15.5

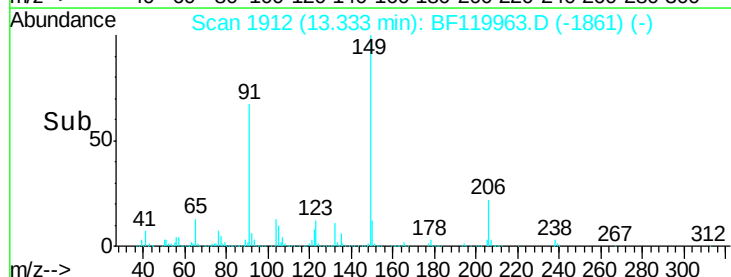
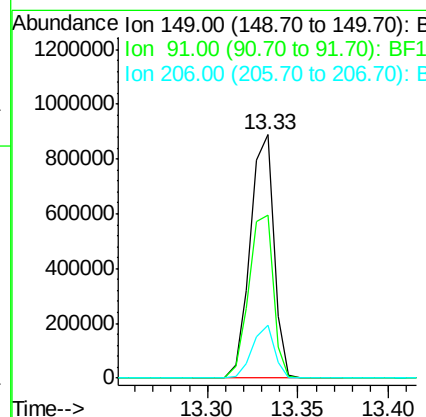
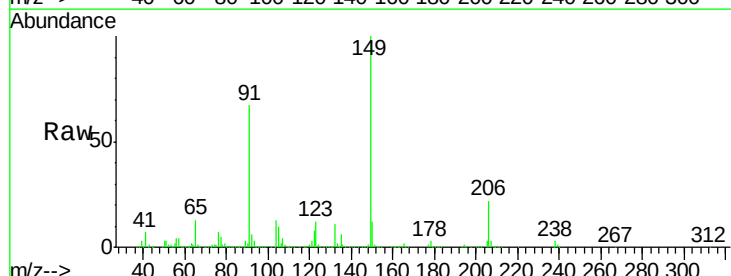
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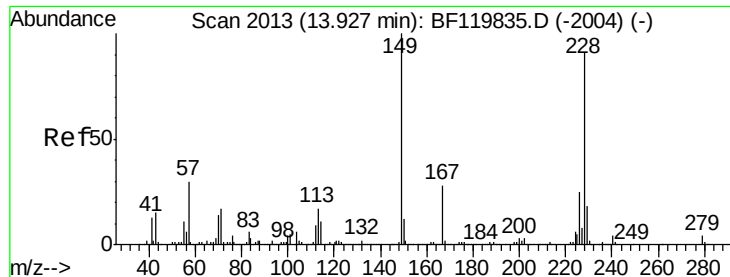
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#80
 Butylbenzylphthalate
 Concen: 34.948 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BF119963.D
 Acq: 14 Apr 2020 20:18

Tgt Ion:149 Resp: 812054
 Ion Ratio Lower Upper
 149 100
 91 67.1 56.7 85.1
 206 21.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 36.634 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Instrument :

BNA_F

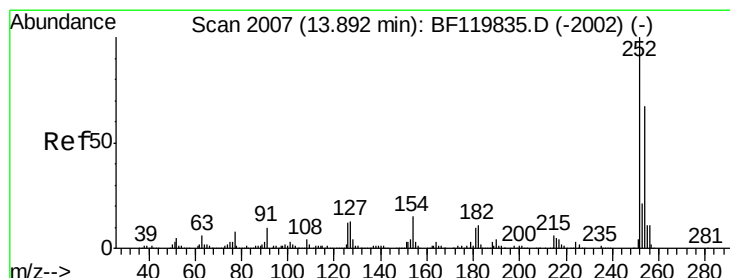
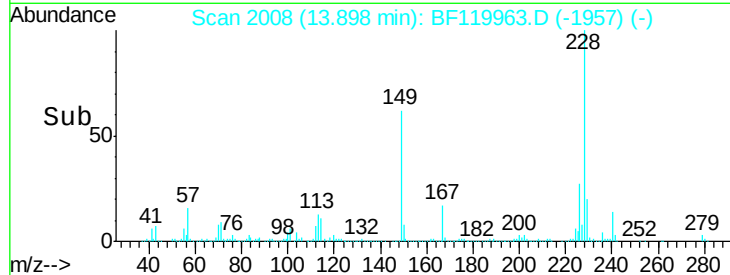
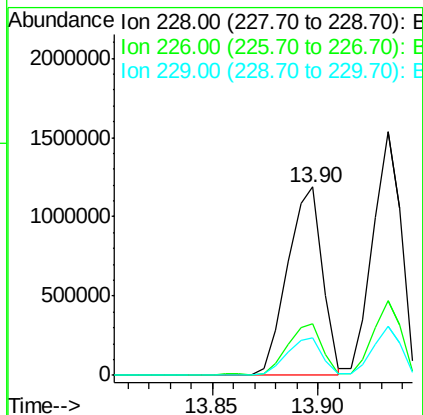
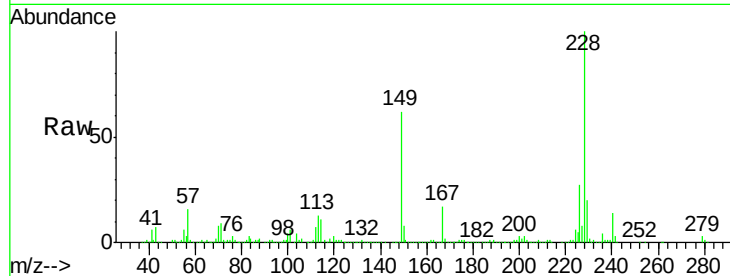
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1368953
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.7	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 36.388 ng

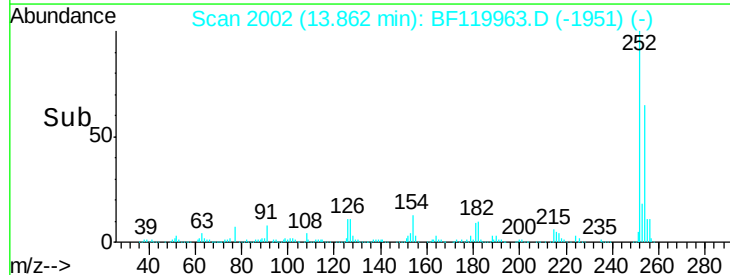
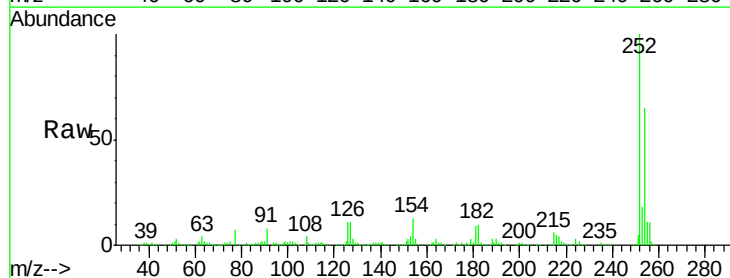
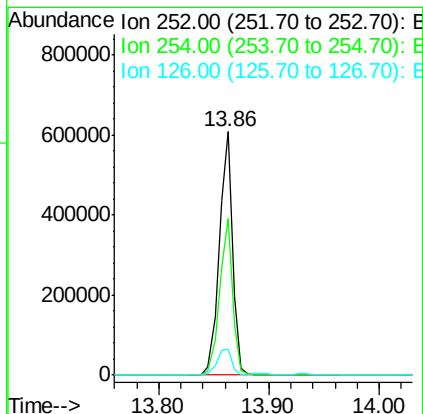
RT: 13.86 min Scan# 2002

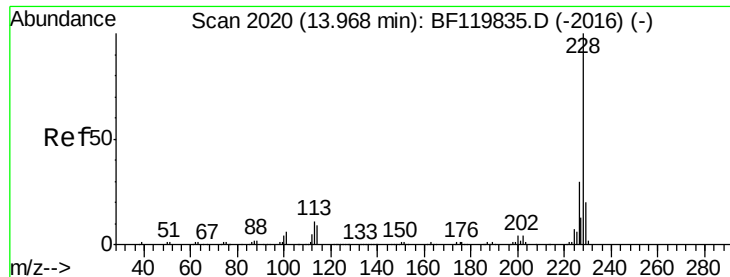
Delta R.T. -0.00 min

Lab File: BF119963.D

Acq: 14 Apr 2020 20:18

Tgt Ion:	252	Resp:	507363
Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.9	80.9
126	10.8	9.7	14.5





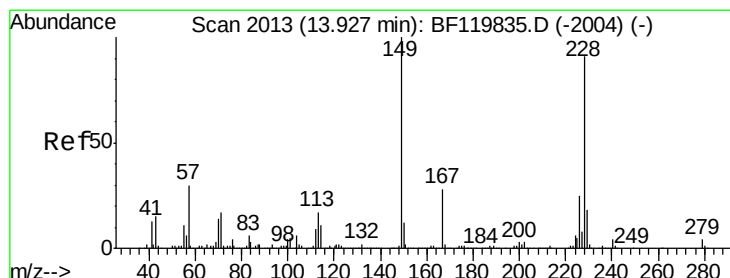
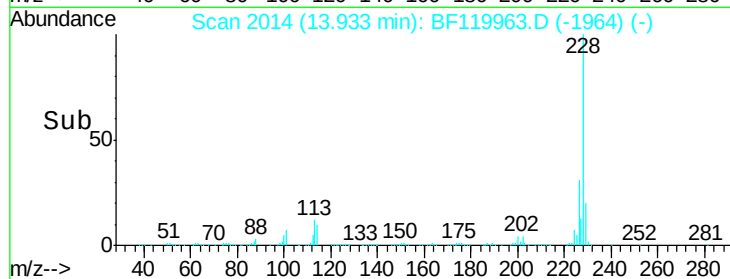
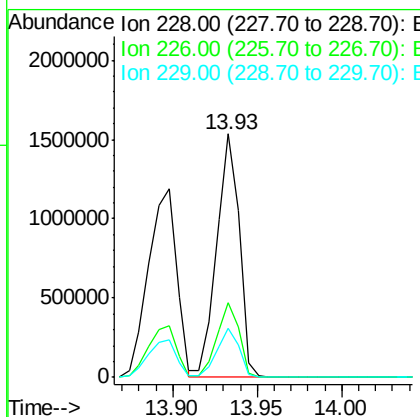
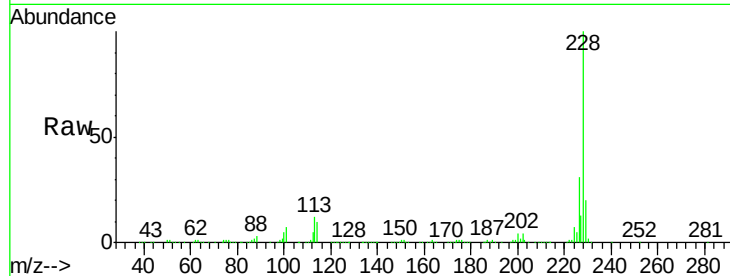
#83
Chrysene
Concen: 37.990 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1442452
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 20.1 15.9 23.9

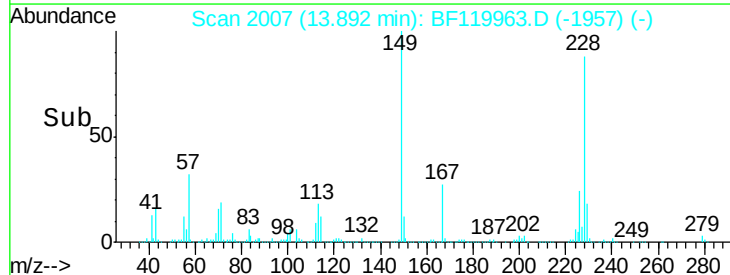
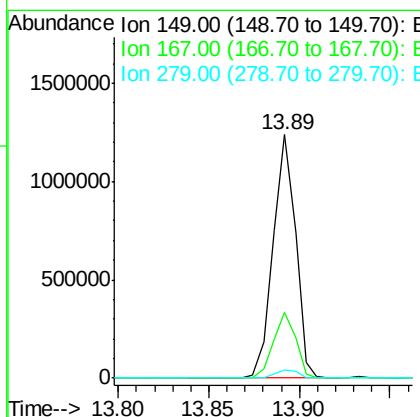
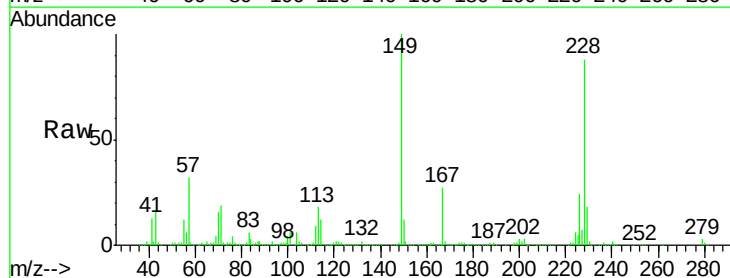
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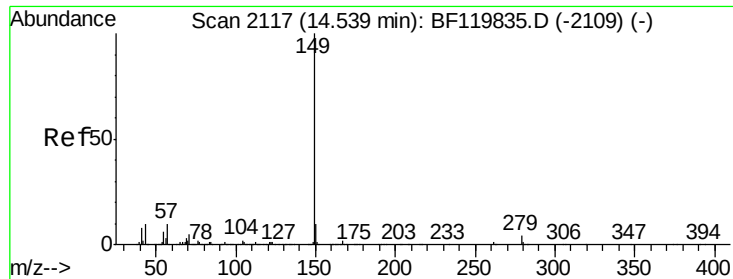
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#84
Bis(2-ethylhexyl)phthalate
Concen: 33.828 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion:149 Resp: 1064434
Ion Ratio Lower Upper
149 100
167 26.8 22.2 33.2
279 3.5 3.4 5.0





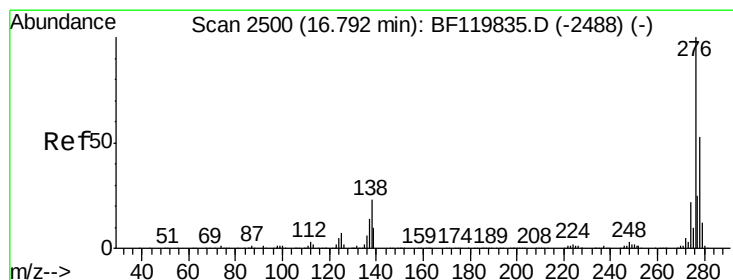
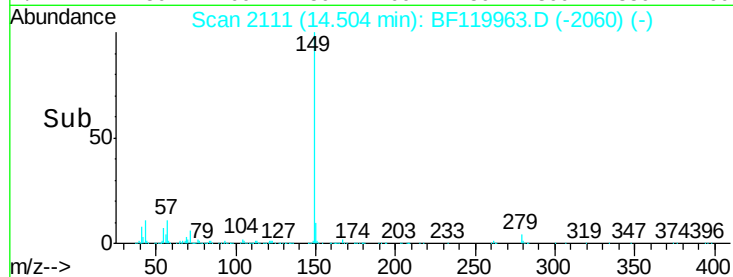
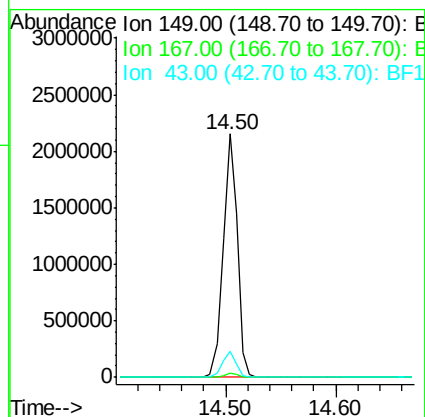
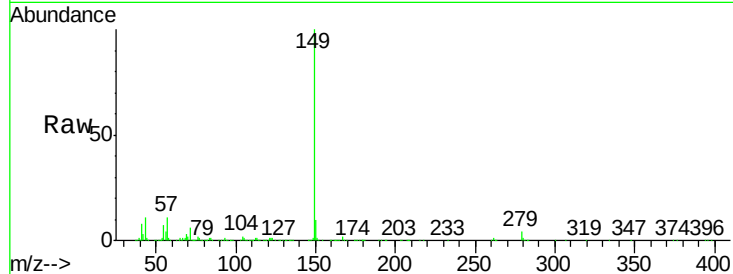
#85
Di-n-octyl phthalate
Concen: 35.766 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	9.2	13.8

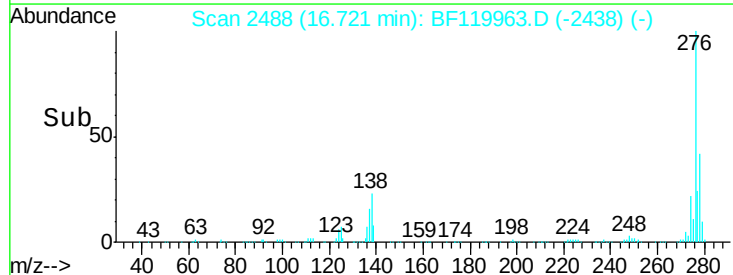
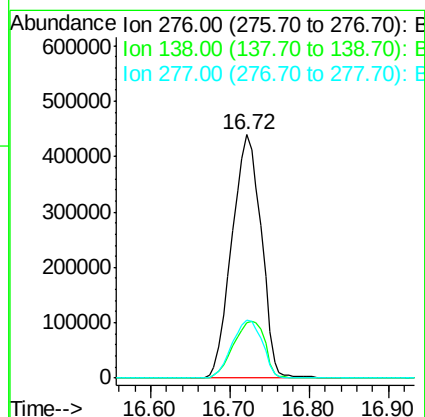
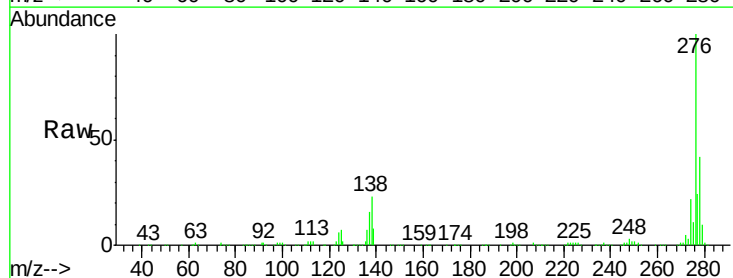
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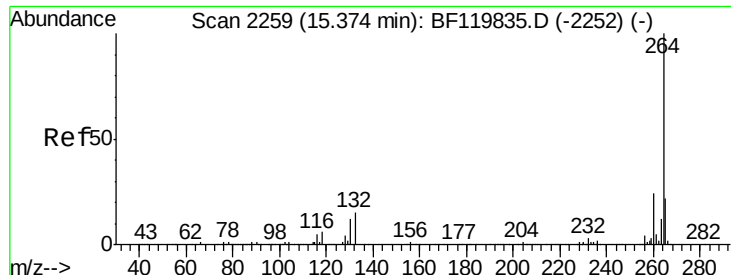
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.649 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.0	27.0
277	24.9	20.1	30.1





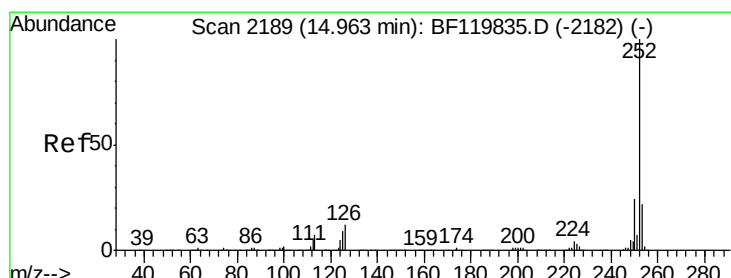
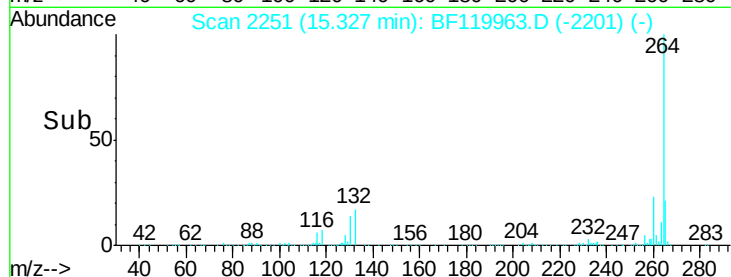
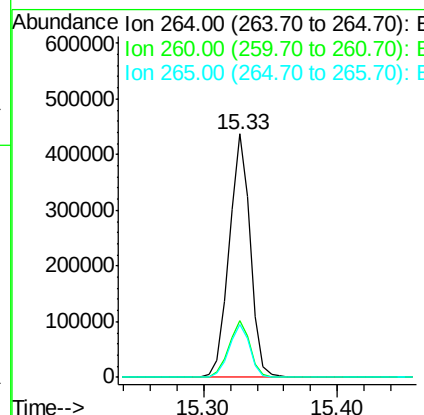
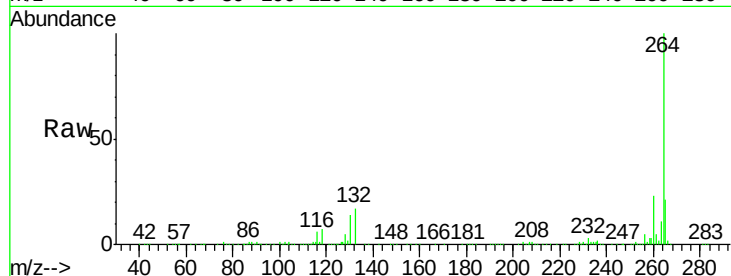
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.5	17.6	26.4

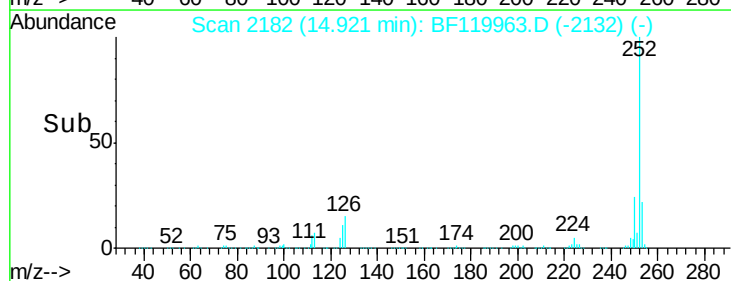
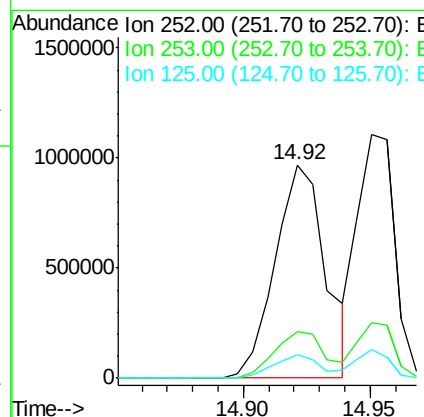
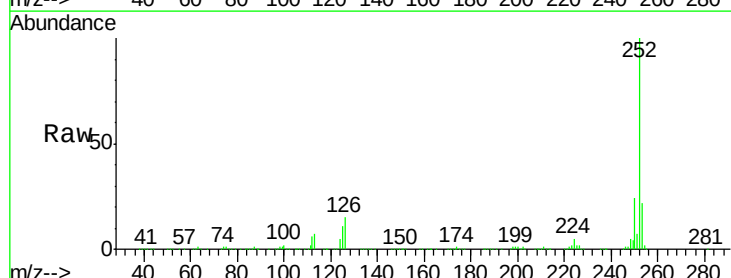
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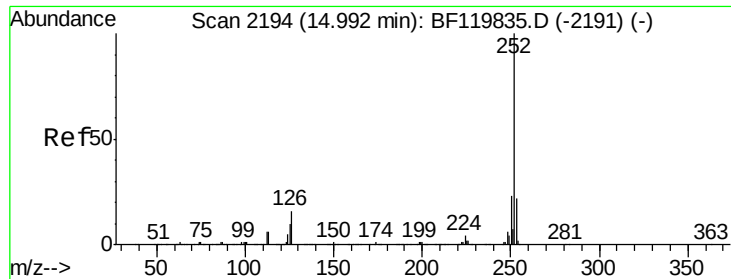
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#88
Benzo(b)fluoranthene
Concen: 38.240 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.8	7.4	11.2





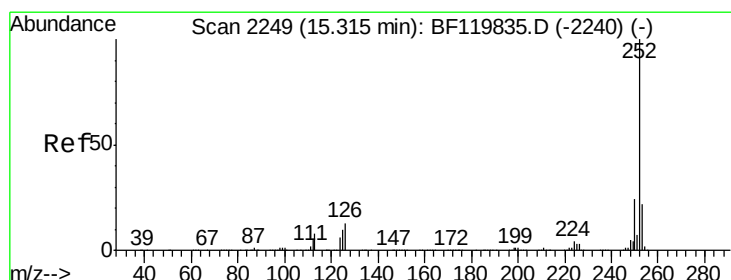
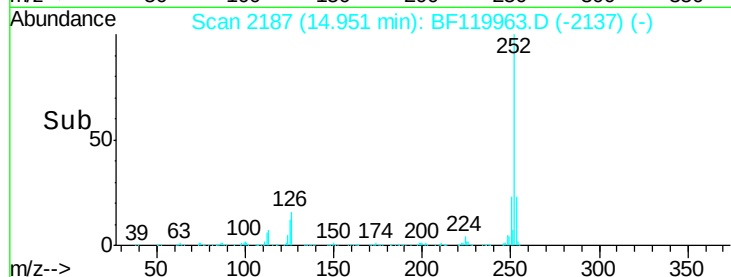
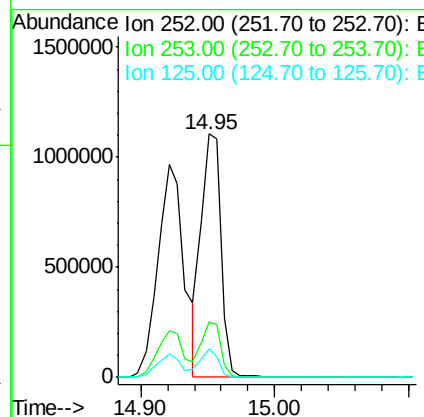
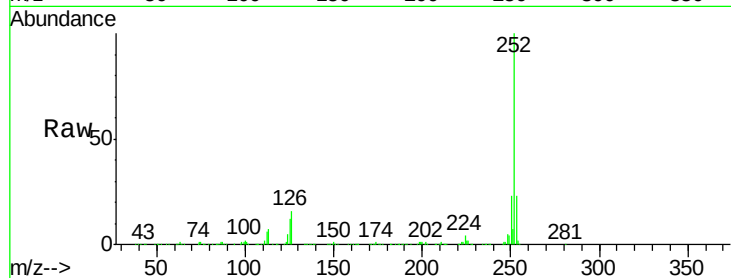
#89
Benzo(k)fluoranthene
Concen: 37.819 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.6	7.7	11.5

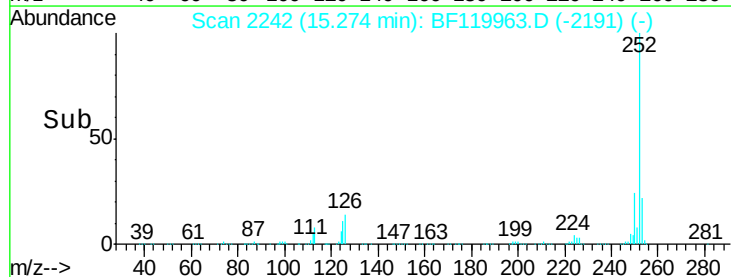
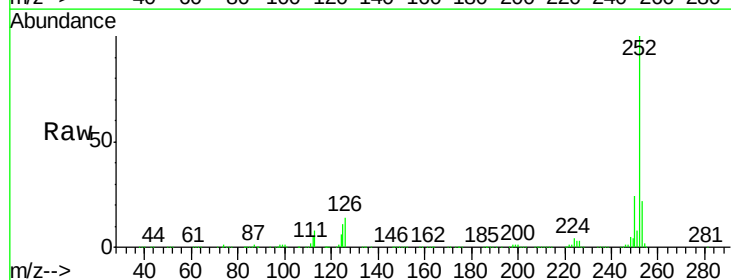
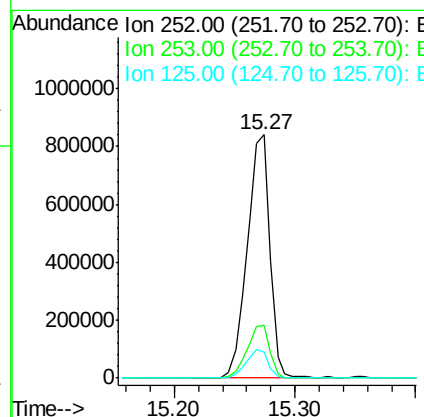
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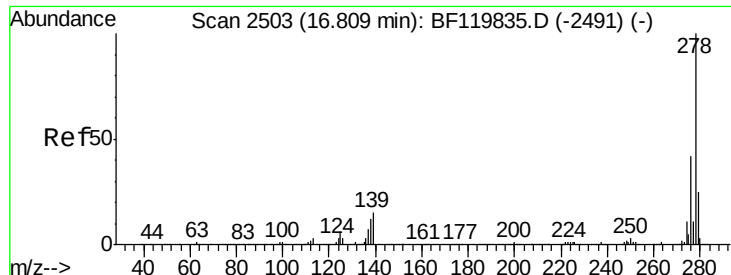
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#90
Benzo(a)pyrene
Concen: 37.485 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.8	8.3	12.5





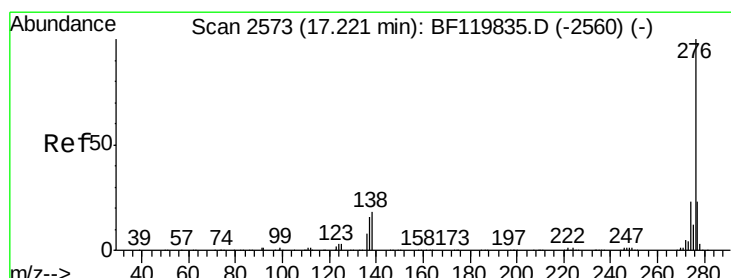
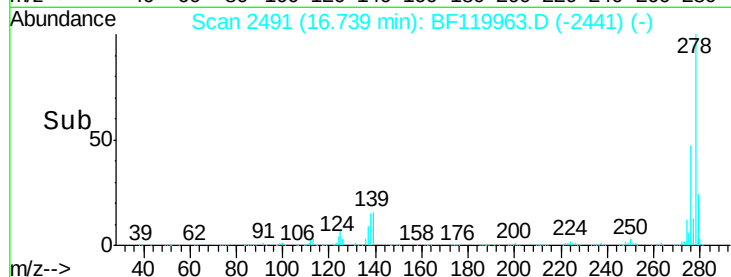
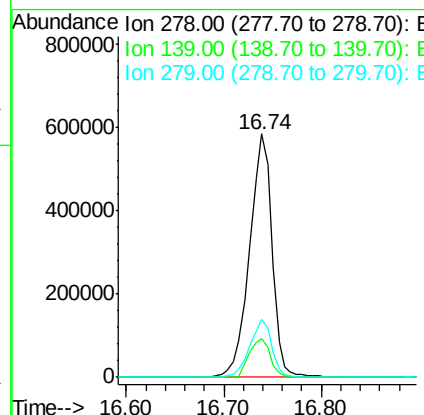
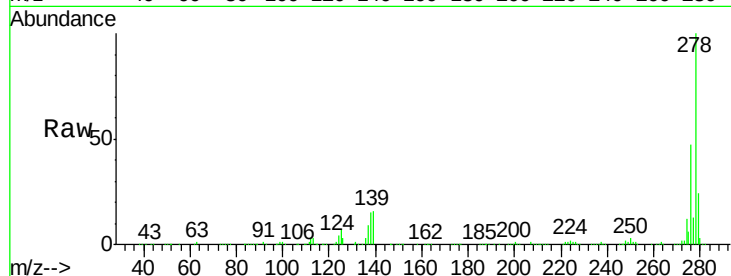
#91
Dibenzo(a,h)anthracene
Concen: 35.976 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.6	17.4
279	23.6	19.7	29.5

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#92
Benzo(g,h,i)perylene
Concen: 35.317 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119963.D
Acq: 14 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.5	27.7
138	20.2	14.6	22.0

