

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119383.D
 Acq On : 12 Mar 2020 16:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 3/16/2020 1:47:27 PM

Quant Time: Mar 13 01:59:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127189	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	468429	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226513	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	418963	20.00	ng	0.00
76) Chrysene-d12	13.90	240	286715	20.00	ng	0.01
87) Perylene-d12	15.33	264	277142	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	634127	83.32	ng	0.00
7) Phenol-d6	6.38	99	755588	81.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	728017	82.06	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	221006	74.58	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1209449	78.66	ng	0.00
79) Terphenyl-d14	12.83	244	1403862	84.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	130879	38.624	ng	100
3) Pyridine	3.09	79	338609	36.590	ng	97
4) n-Nitrosodimethylamine	3.04	42	115244	41.109	ng	94
6) Aniline	6.39	93	459241	40.209	ng	# 81
8) 2-Chlorophenol	6.52	128	337283	41.065	ng	97
9) Benzaldehyde	6.28	77	209170	33.824	ng	99
10) Phenol	6.39	94	403504	40.320	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	306545	40.034	ng	99
12) 1,3-Dichlorobenzene	6.66	146	393525	39.975	ng	98
13) 1,4-Dichlorobenzene	6.74	146	405358	41.149	ng	99
14) 1,2-Dichlorobenzene	6.89	146	372871	41.503	ng	98
15) Benzyl Alcohol	6.88	79	286817	42.875	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	251898	37.977	ng	# 23
17) 2-Methylphenol	7.00	107	267004	40.096	ng	# 91
18) Hexachloroethane	7.23	117	142787	40.514	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	229763	42.600	ng	96
20) 3+4-Methylphenols	7.16	107	362433	44.425	ng	90
22) Acetophenone	7.14	105	452378	41.739	ng	# 95
24) Nitrobenzene	7.31	77	363670	41.452	ng	94
25) Isophorone	7.55	82	606391	39.357	ng	99
26) 2-Nitrophenol	7.63	139	184985	39.795	ng	94
27) 2,4-Dimethylphenol	7.67	122	247198	39.183	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	390365	38.925	ng	99
29) 2,4-Dichlorophenol	7.89	162	296529	39.926	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	336049	38.162	ng	97
31) Naphthalene	8.03	128	963200	39.648	ng	99
32) Benzoic acid	7.85	122	139267	32.723	ng	95
33) 4-Chloroaniline	8.09	127	420756	40.268	ng	99
34) Hexachlorobutadiene	8.14	225	211654	38.587	ng	98
35) Caprolactam	8.47	113	79601m	34.808	ng	
36) 4-Chloro-3-methylphenol	8.59	107	277428	36.909	ng	99
37) 2-Methylnaphthalene	8.72	142	575328	35.191	ng	99
38) 1-Methylnaphthalene	8.82	142	541880	35.244	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	299212	39.179	ng	100

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 SSTDC040

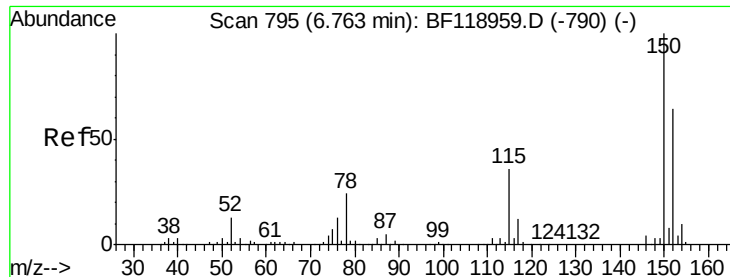
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 3/16/2020 1:47:27 PM

Quant Time: Mar 13 01:59:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	74706	33.112	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	174304	36.142	nq	97
44) 2,4,5-Trichlorophenol	9.07	196	169304	33.454	nq	97
46) 1,1'-Biphenyl	9.18	154	737498	40.285	nq	98
47) 2-Chloronaphthalene	9.21	162	589945	39.989	nq	98
48) 2-Nitroaniline	9.32	65	178495	43.379	nq	90
49) Acenaphthylene	9.62	152	837020	39.284	nq	99
50) Dimethylphthalate	9.49	163	673903	38.907	nq	100
51) 2,6-Dinitrotoluene	9.56	165	149787	38.924	nq #	77
52) Acenaphthene	9.79	154	519264	40.416	nq	99
53) 3-Nitroaniline	9.73	138	171470	40.193	nq	95
54) 2,4-Dinitrophenol	9.87	184	52429	32.888	nq #	90
55) Dibenzofuran	9.97	168	767341	40.014	nq	99
56) 4-Nitrophenol	9.93	139	68672	26.791	nq	95
57) 2,4-Dinitrotoluene	9.97	165	200446	40.186	nq	90
58) Fluorene	10.31	166	625871	42.001	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	145761	34.134	nq	95
60) Diethylphthalate	10.19	149	655676	40.169	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	319120	40.459	nq	98
62) 4-Nitroaniline	10.36	138	162483	37.226	nq	94
63) Azobenzene	10.46	77	596549	42.046	nq	93
65) 4,6-Dinitro-2-methylphenol	10.39	198	93590	36.916	nq	96
66) n-Nitrosodiphenylamine	10.42	169	542415	39.539	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	206240	37.660	nq	98
68) Hexachlorobenzene	10.86	284	241617	38.267	nq	95
69) Atrazine	10.95	200	162158	33.832	nq	99
70) Pentachlorophenol	11.07	266	90440	35.558	nq	93
71) Phenanthrene	11.27	178	924450	40.461	nq	98
72) Anthracene	11.33	178	921317	40.357	nq	97
73) Carbazole	11.49	167	841776	41.389	nq	97
74) Di-n-butylphthalate	11.80	149	969364	39.358	nq	99
75) Fluoranthene	12.46	202	964858	39.784	nq	99
77) Benzidine	12.59	184	440657	37.791	nq	99
78) Pyrene	12.69	202	992537	43.111	nq	99
80) Butylbenzylphthalate	13.30	149	384919	39.725	nq	94
81) Benzo(a)anthracene	13.89	228	782039	40.031	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	289222	38.127	nq #	98
83) Chrysene	13.92	228	768290	39.469	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	460272	37.599	nq #	98
85) Di-n-octyl phthalate	14.47	149	655473	33.606	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	707867	37.556	nq	100
88) Benzo(b)fluoranthene	14.92	252	724835	39.679	nq	99
89) Benzo(k)fluoranthene	14.94	252	701800	41.455	nq	100
90) Benzo(a)pyrene	15.27	252	657622	39.887	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	585695	40.374	nq	99
92) Benzo(g,h,i)perylene	17.18	276	577946	40.322	nq	99

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



#1

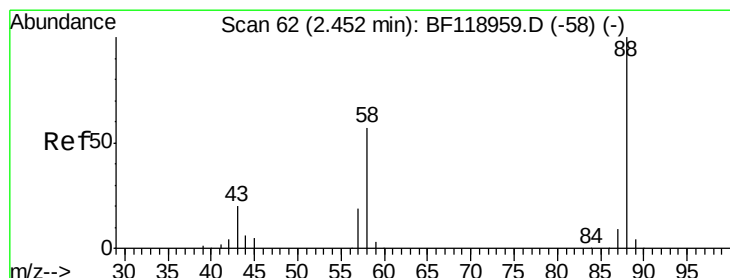
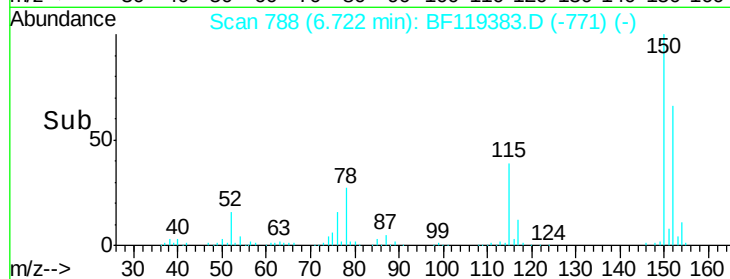
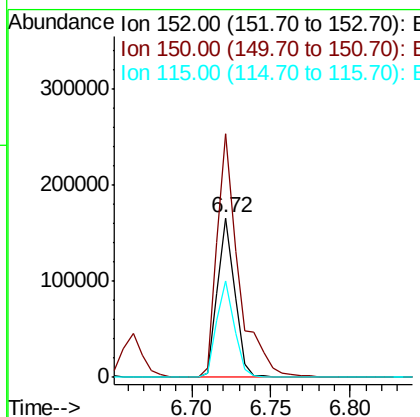
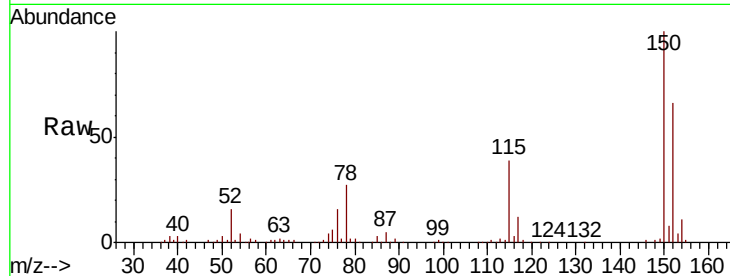
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.0	184.6
115	60.1	49.5	74.3

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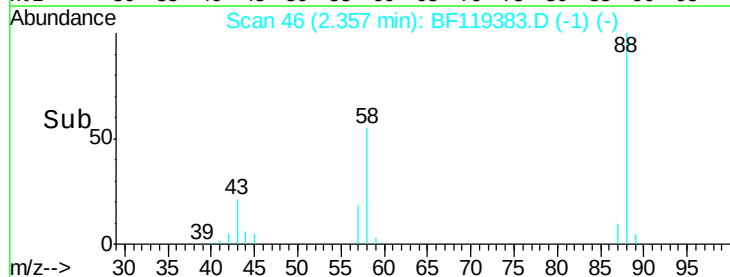
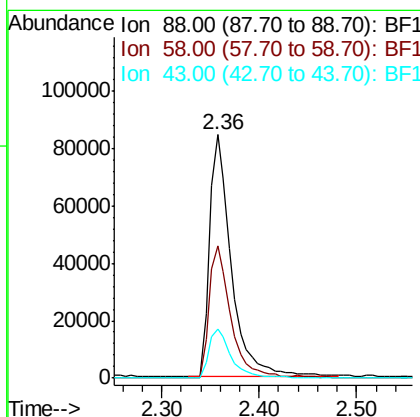
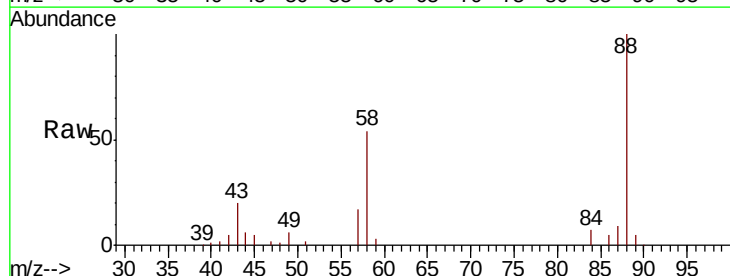
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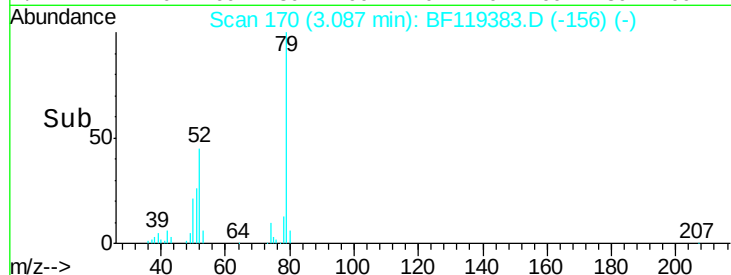
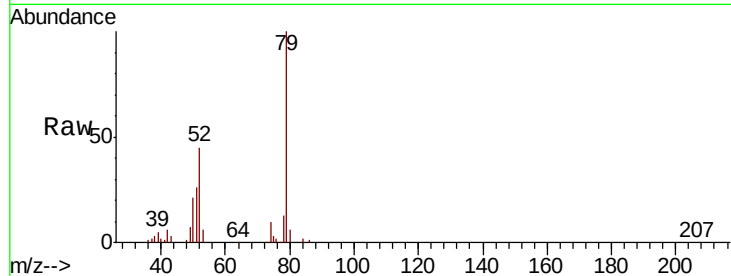
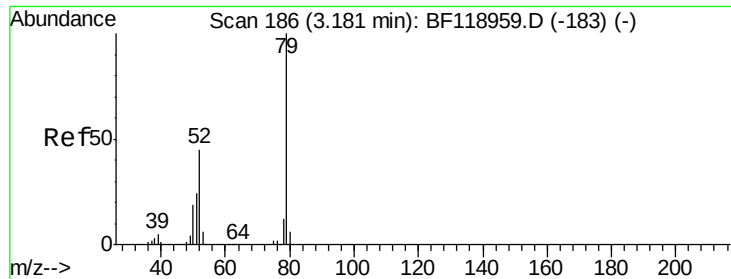


#2

1,4-Dioxane
Concen: 38.624 ng
RT: 2.36 min Scan# 46
Delta R.T. -0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.7	43.8	65.6
43	21.1	16.2	24.4





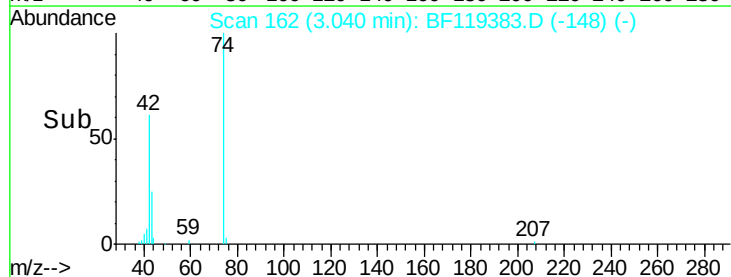
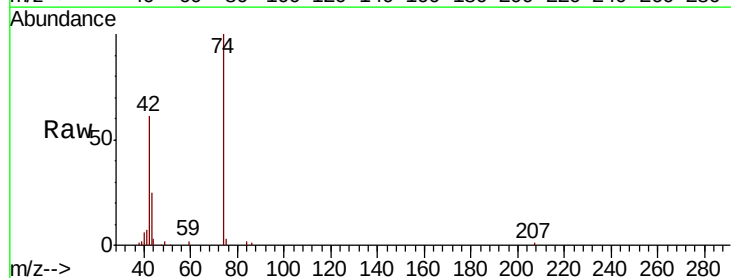
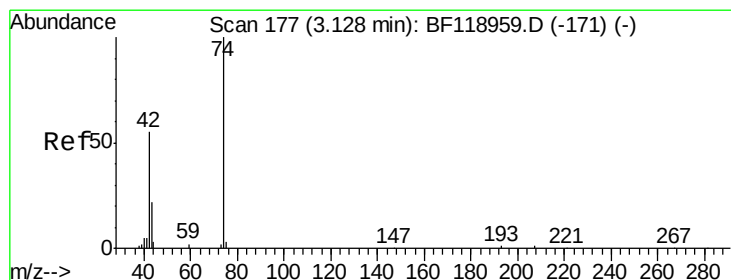
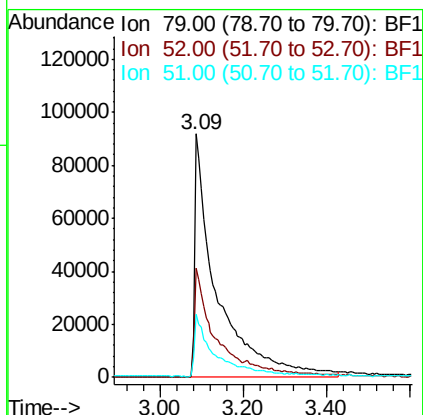
#3
Pvridine
Concen: 36.590 ng
RT: 3.09 min Scan# 170
Delta R.T. -0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.6	37.4	56.0
51	26.1	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

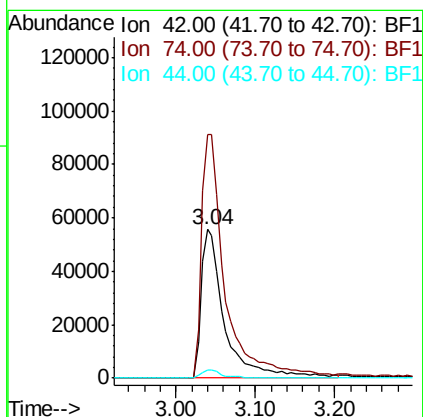
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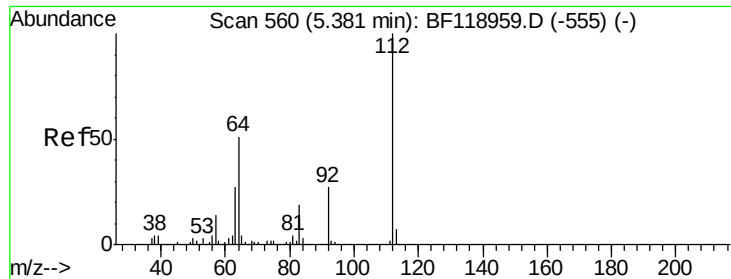
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#4
n-Nitrosodimethylamine
Concen: 41.109 ng
RT: 3.04 min Scan# 162
Delta R.T. -0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.9	137.7	206.5
44	5.6	4.5	6.7





#5

2-Fluorophenol

Concen: 83.320 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

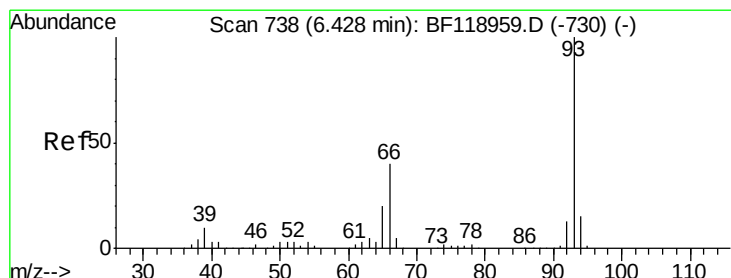
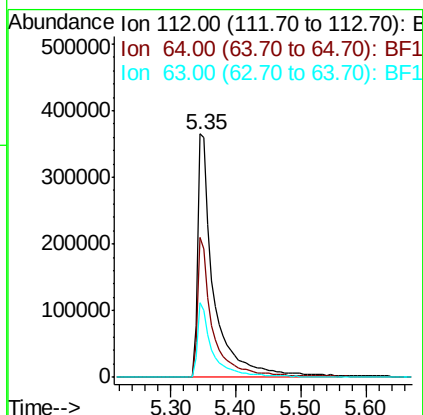
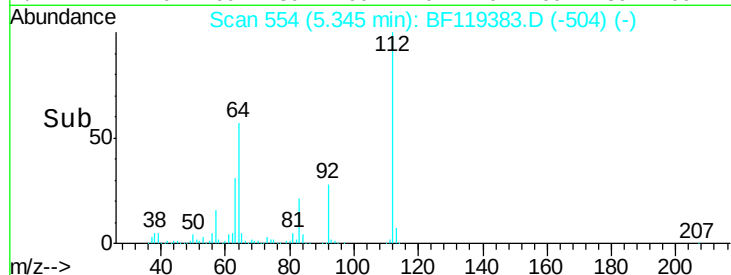
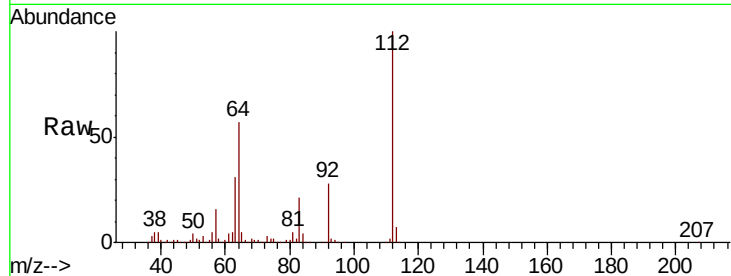
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	634127		
64	57.4	45.0	67.4	
63	30.8	24.2	36.4	

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#6

Aniline

Concen: 40.209 ng

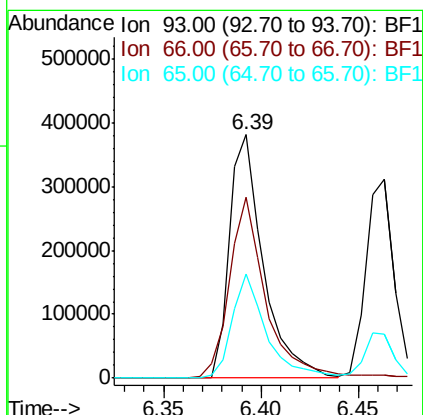
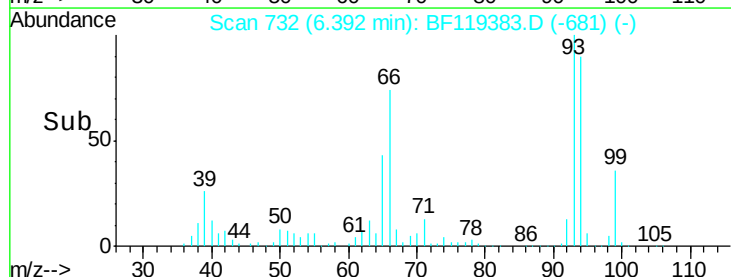
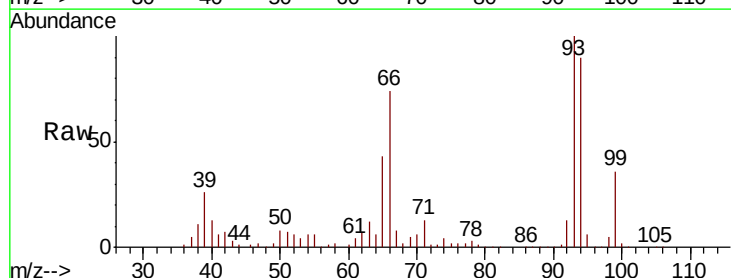
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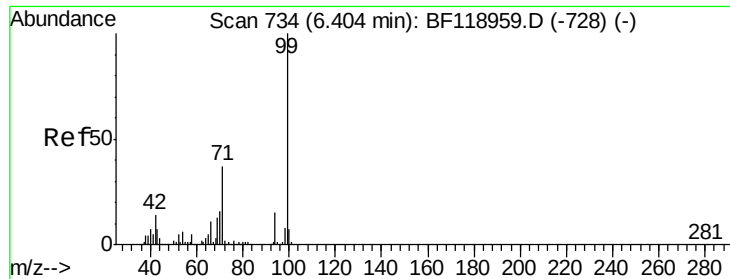
Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	459241		
66	74.5	74.5	111.7#	
65	42.7	45.3	67.9#	





#7

Phenol-d6

Concen: 81.632 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

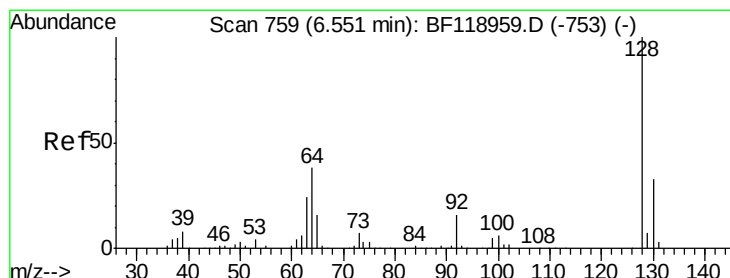
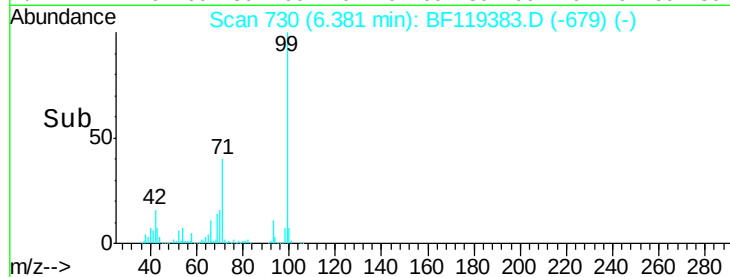
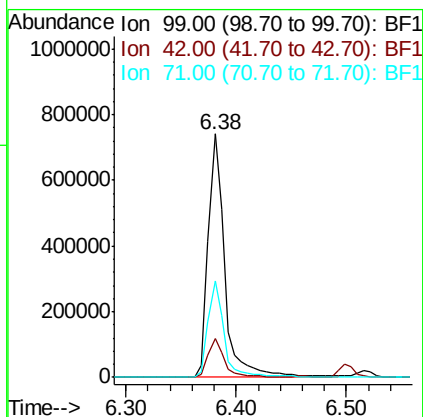
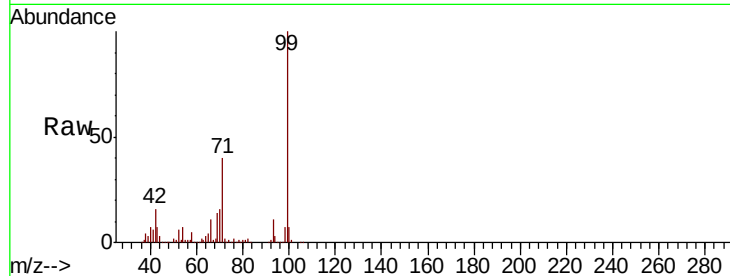
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	755588
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.6	18.8
71	39.7	31.0	46.4

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#8

2-Chlorophenol

Concen: 41.065 ng

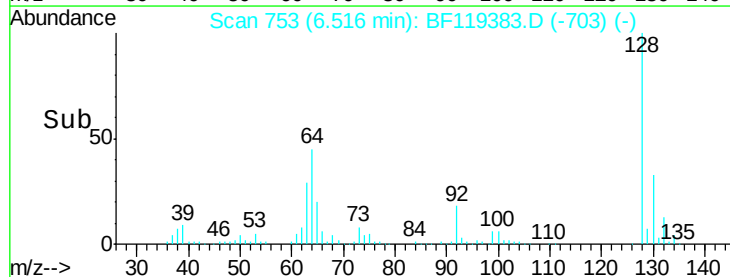
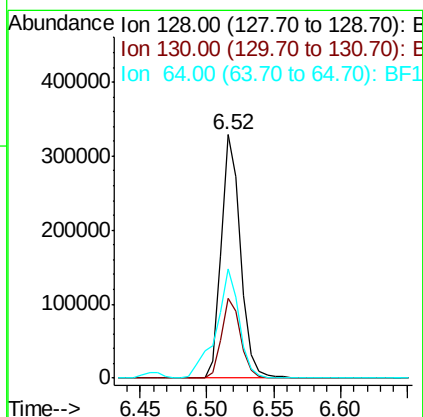
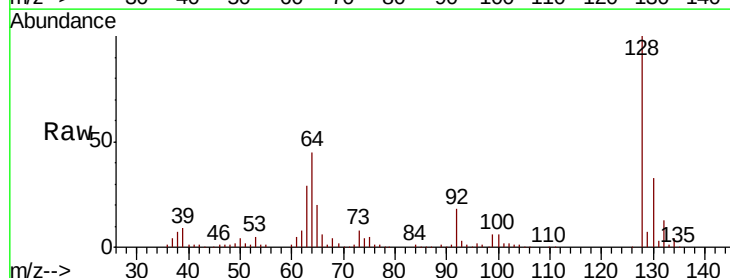
RT: 6.52 min Scan# 753

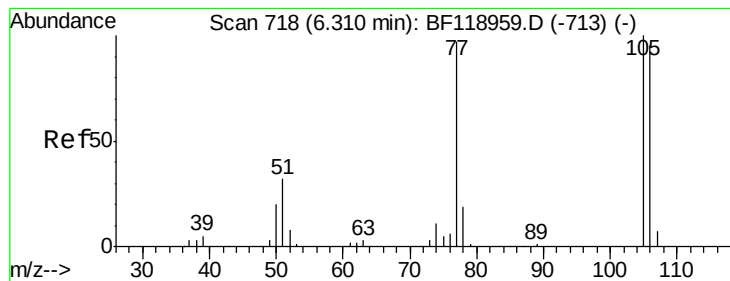
Delta R.T. -0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion:	128	Resp:	337283
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.7	52.7
64	45.1	22.3	62.3





#9

Benzaldehyde

Concen: 33.824 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

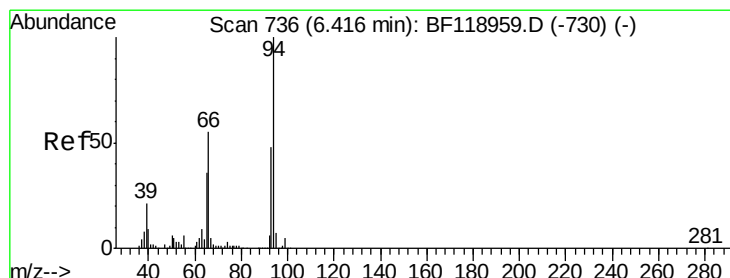
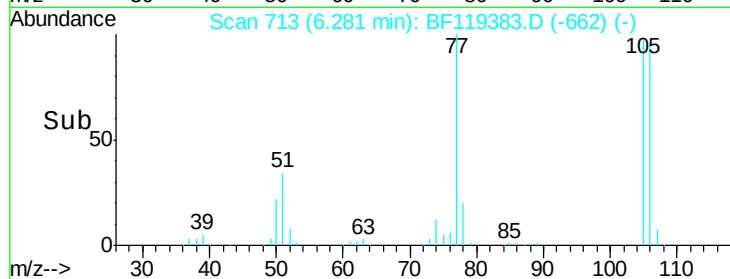
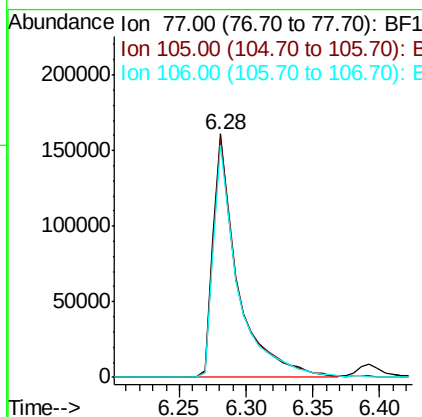
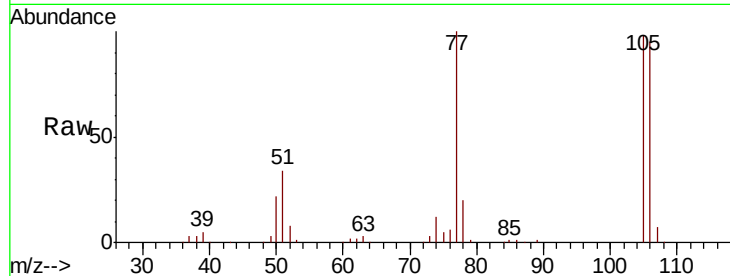
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	209170
Ion Ratio	Lower	Upper	
77	100		
105	98.4	80.1	120.1
106	95.4	75.9	115.9

Manual Integrations
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#10

Phenol

Concen: 40.320 ng

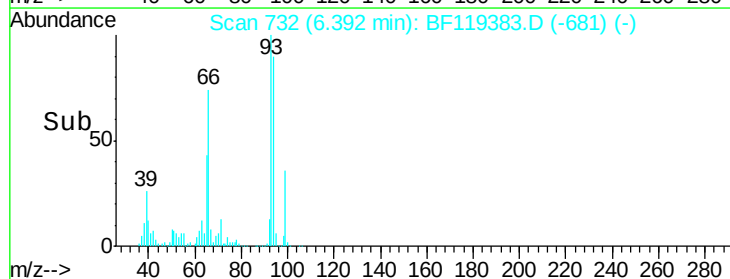
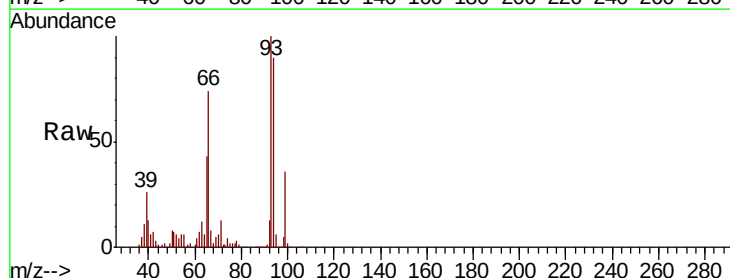
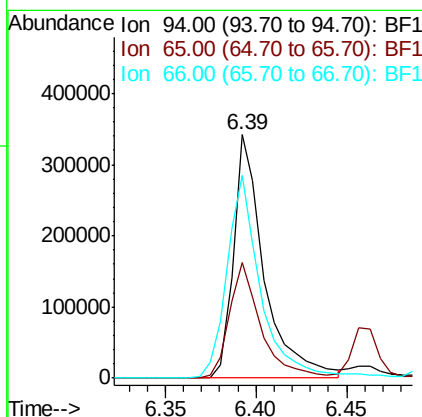
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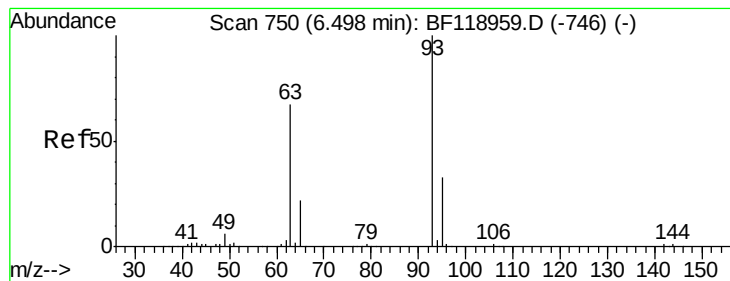
Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion:	94	Resp:	403504
Ion Ratio	Lower	Upper	
94	100		
65	47.6	19.2	59.2
66	83.0	44.4	84.4





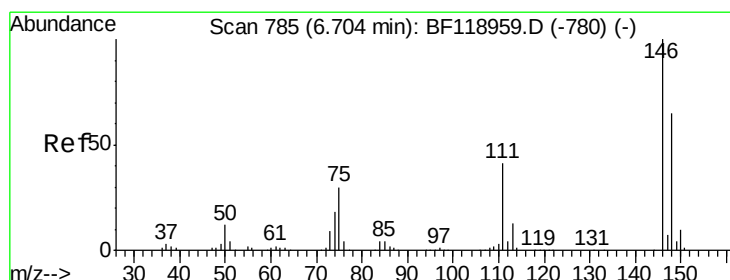
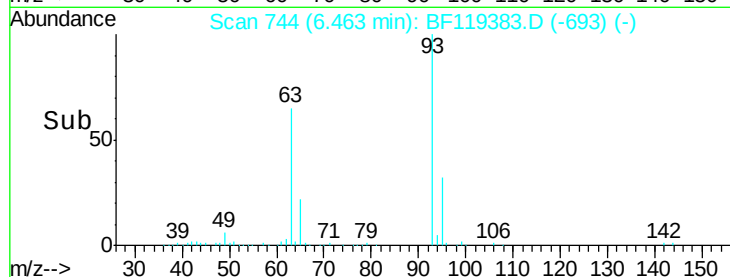
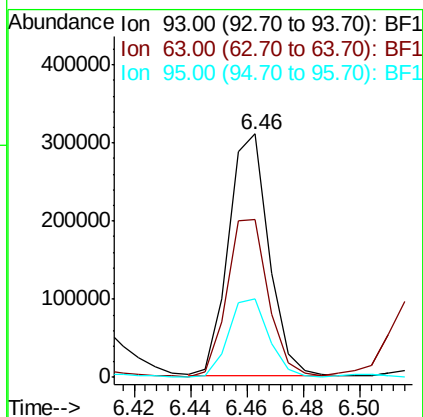
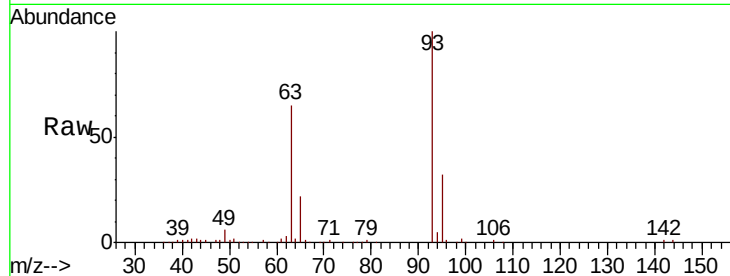
#11
bis(2-Chloroethyl)ether
Concen: 40.034 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	306545		
63	64.6		45.4	85.4
95	32.4		13.5	53.5

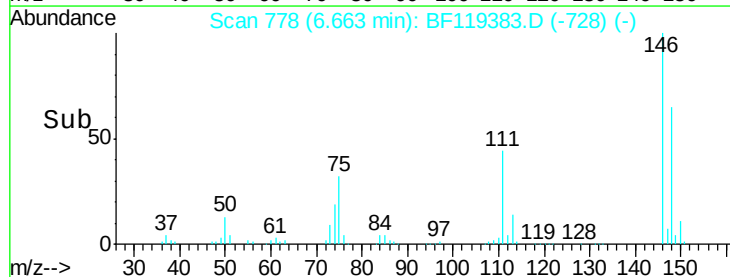
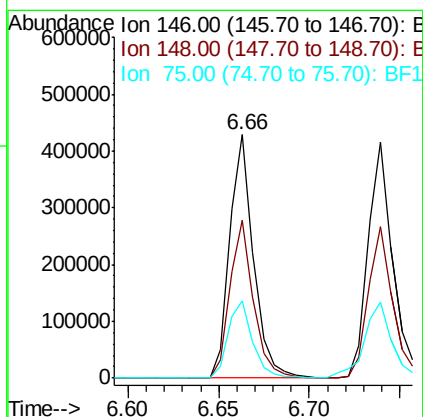
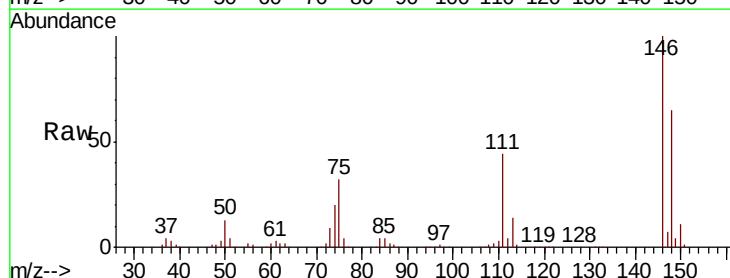
Manual Integrations
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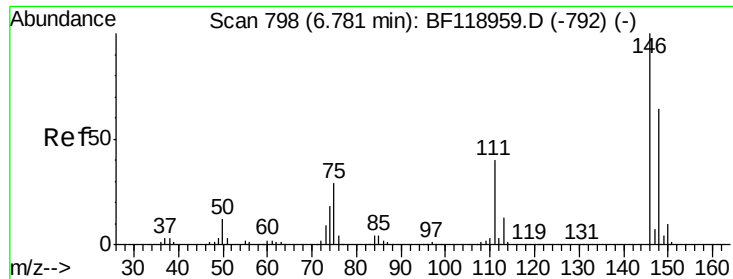
mohammad
3/16/2020 1:47:27 PM



#12
1,3-Dichlorobenzene
Concen: 39.975 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	393525		
148	65.0		52.5	78.7
75	31.7		23.6	35.4





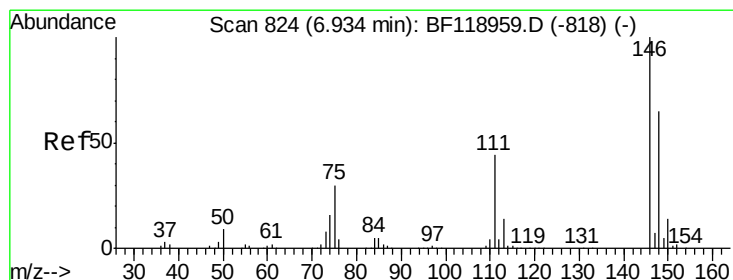
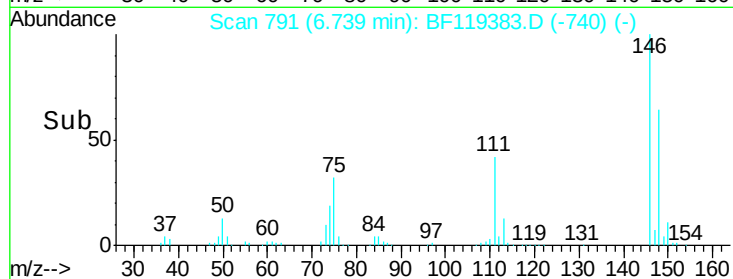
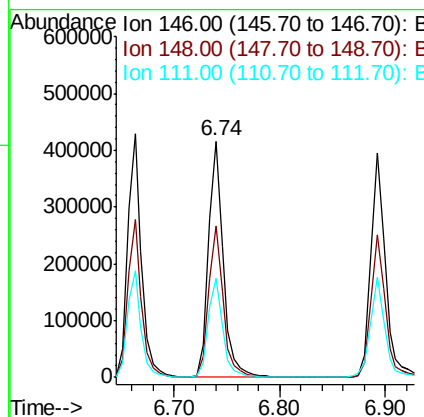
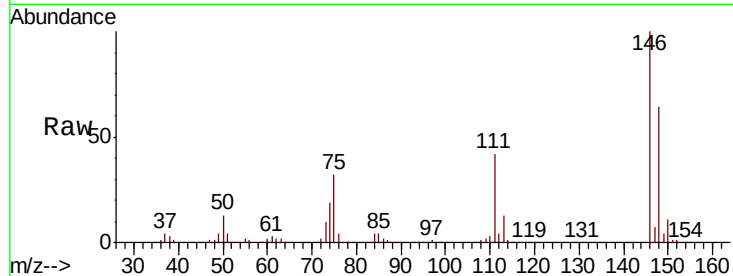
#13
 1,4-Dichlorobenzene
 Concen: 41.149 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	41.9	34.8	52.2

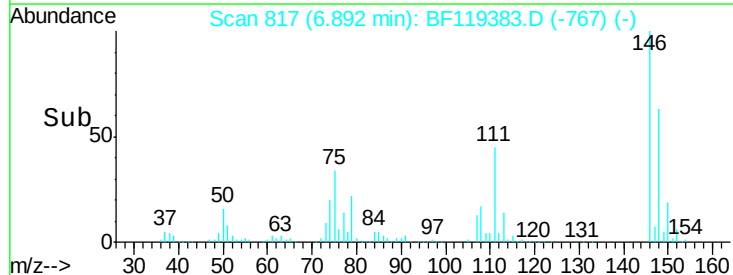
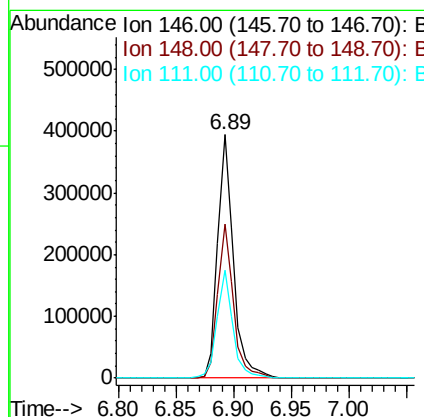
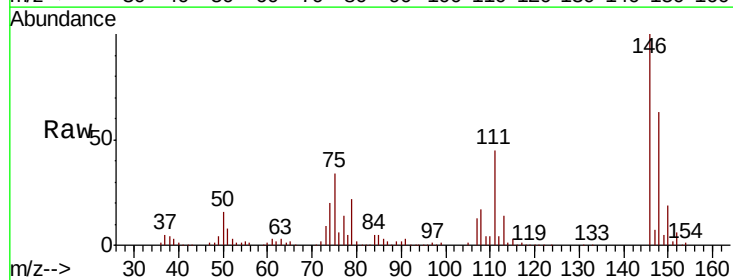
Manual Integrations
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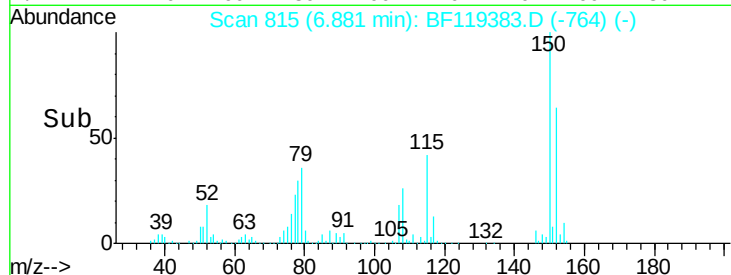
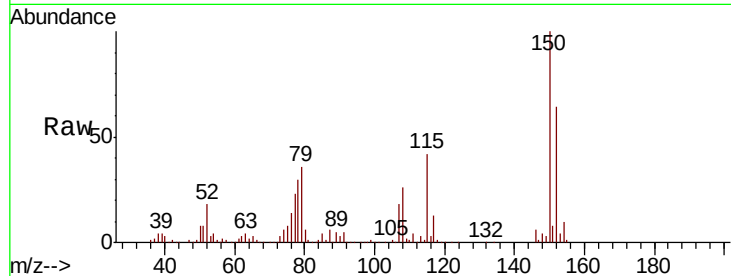
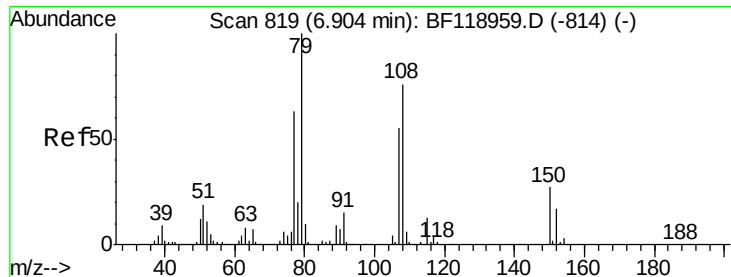
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.503 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	44.5	36.2	54.2





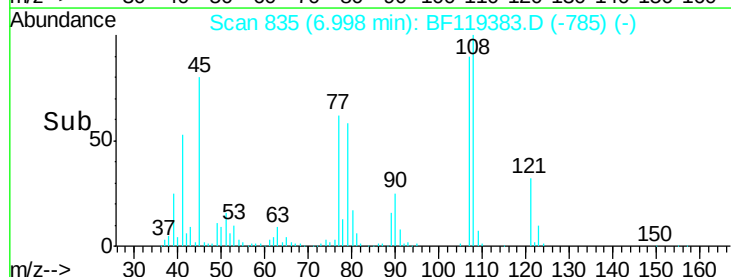
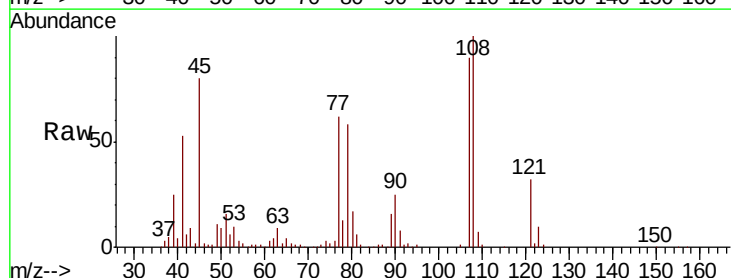
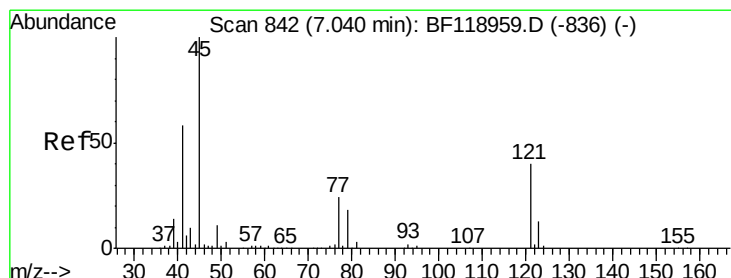
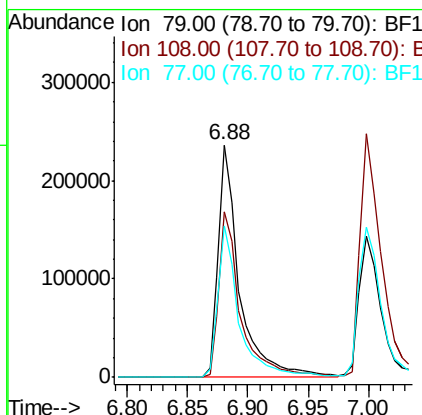
#15
Benzyl Alcohol
Concen: 42.875 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	71.4	58.2	87.2	
77	65.5	51.2	76.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

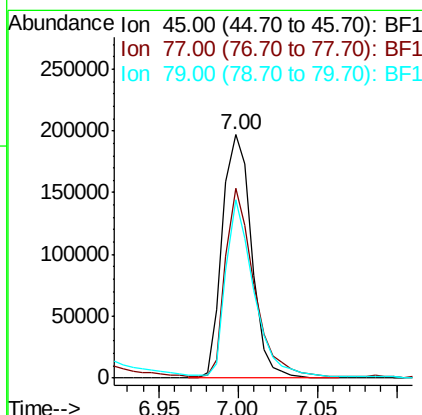
Manual Integrations
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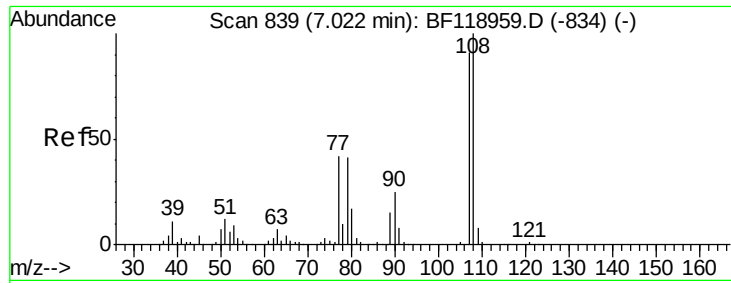
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.977 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	77.8	15.0	55.0#	
79	73.1	9.4	49.4#	





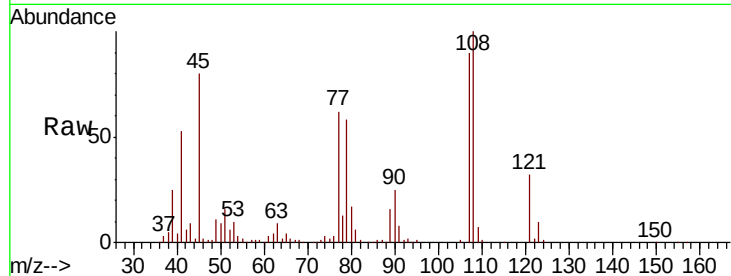
#17
2-Methylphenol
Concen: 40.096 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

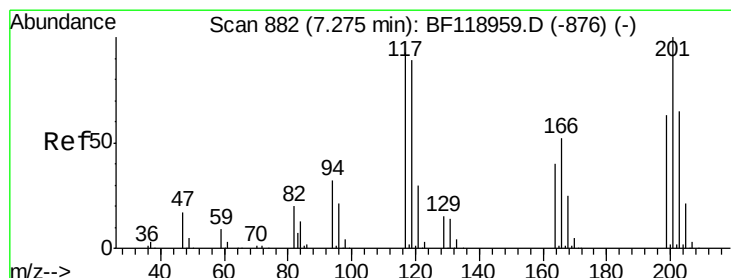
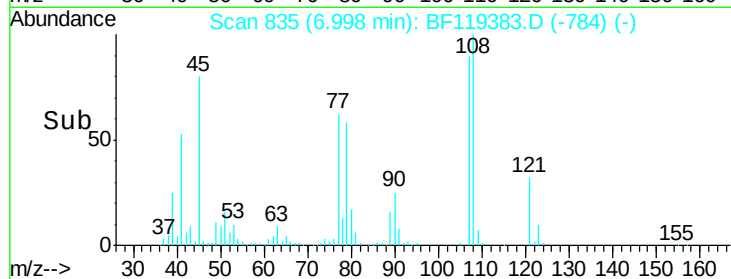
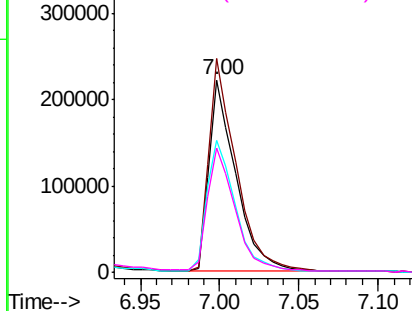
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.9	131.9
77	68.9	45.3	67.9
79	64.7	43.0	64.4

Manual Integrations
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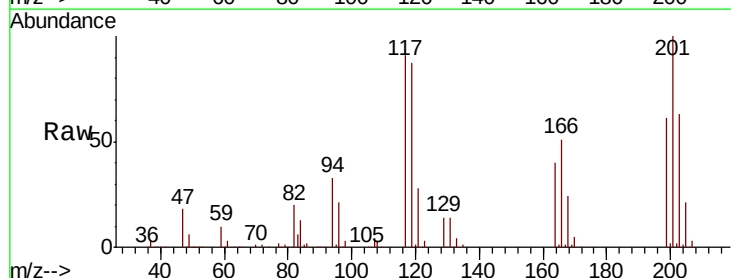


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

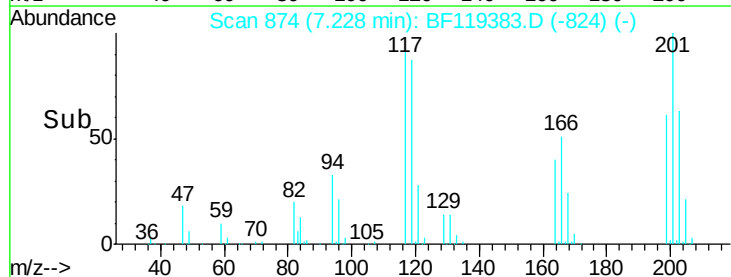
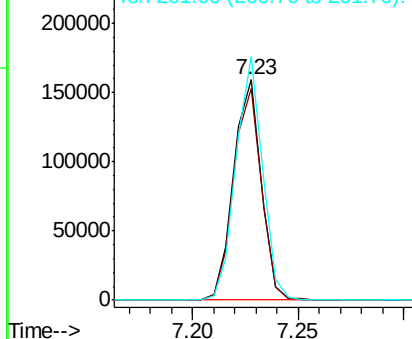


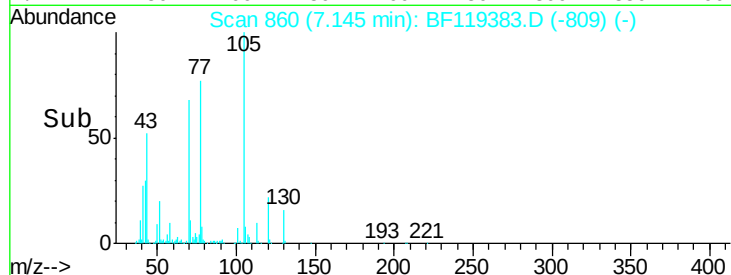
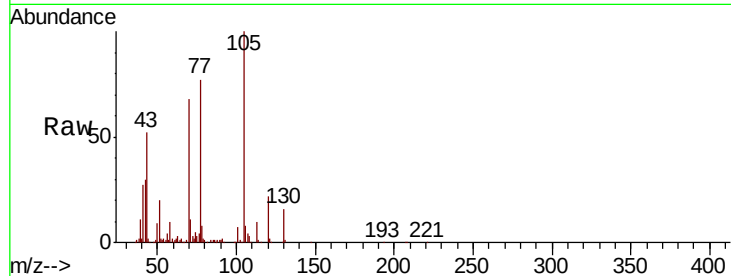
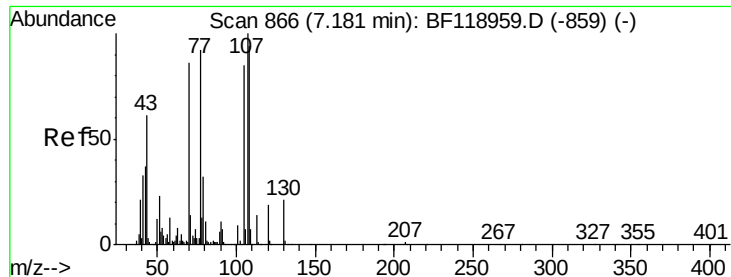
#18
Hexachloroethane
Concen: 40.514 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.5	116.3
201	110.5	82.6	123.8



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





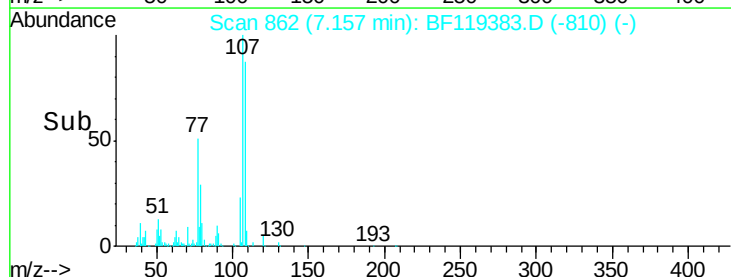
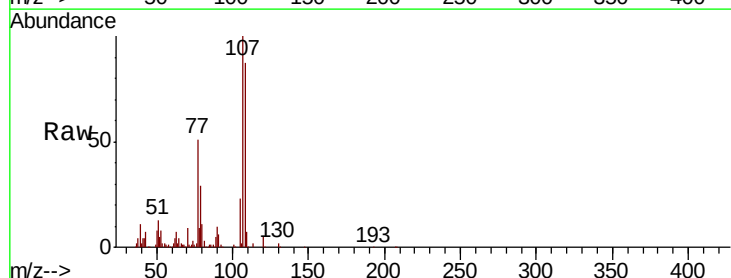
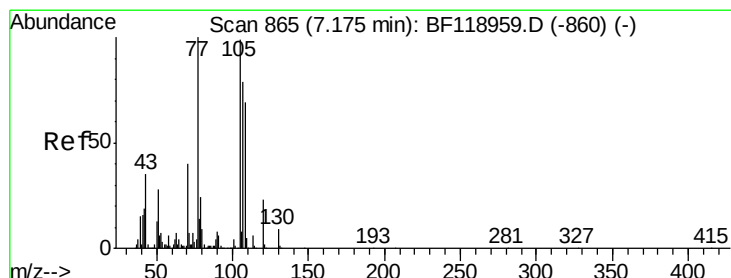
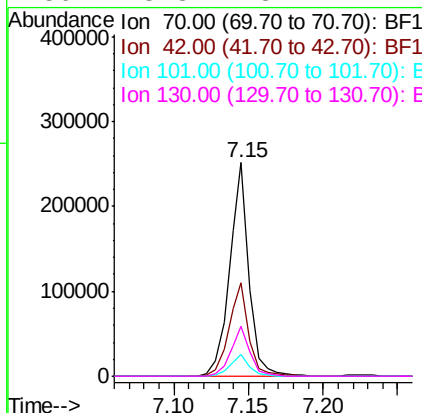
#19
n-Nitroso-di-n-propylamine
Concen: 42.600 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	43.9	38.0	57.0	
101	9.9	8.2	12.4	
130	23.3	18.2	27.4	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

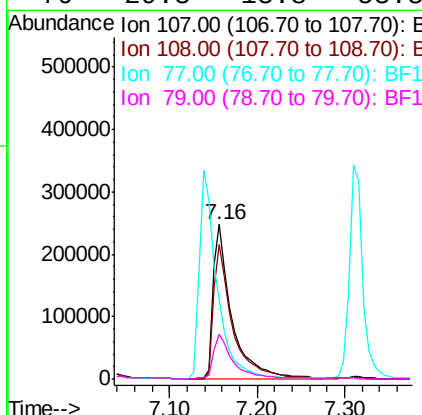
Manual Integrations
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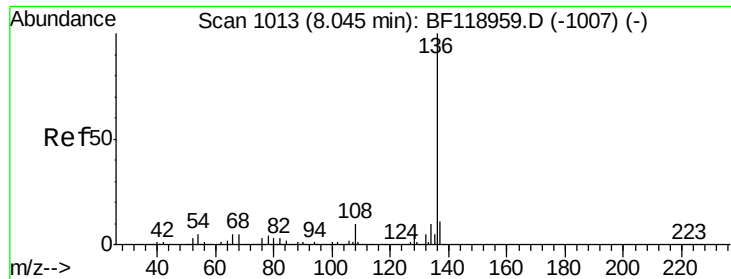
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#20
3+4-Methylphenols
Concen: 44.425 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	86.8	71.5	111.5	
77	51.1	45.9	85.9	
79	29.3	13.8	53.8	





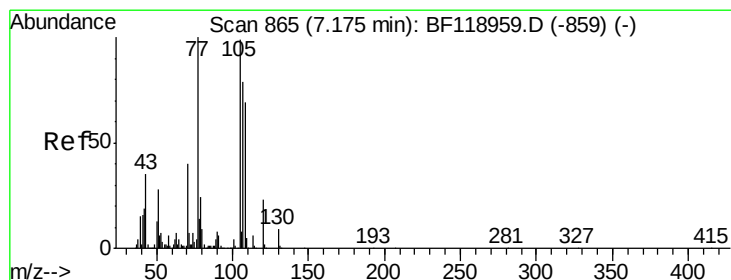
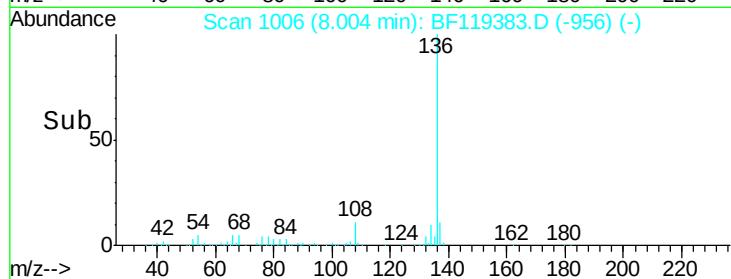
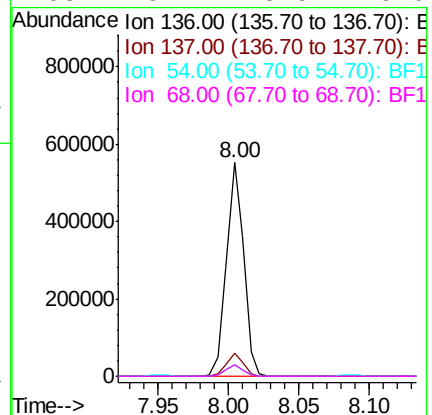
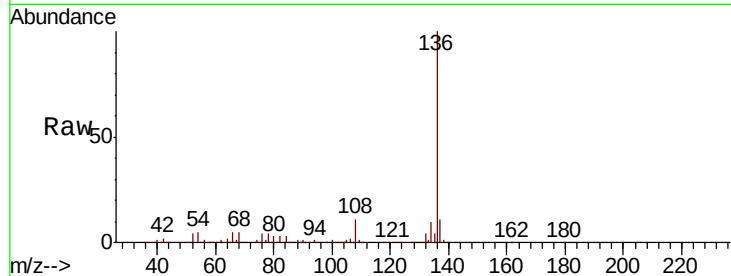
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		468429		
137	11.0		8.8	13.2	
54	5.3		3.8	5.6	
68	5.2		3.9	5.9	

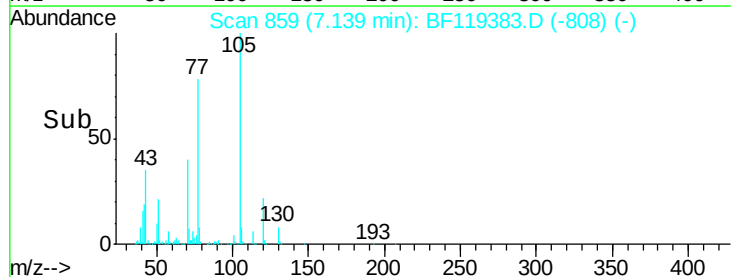
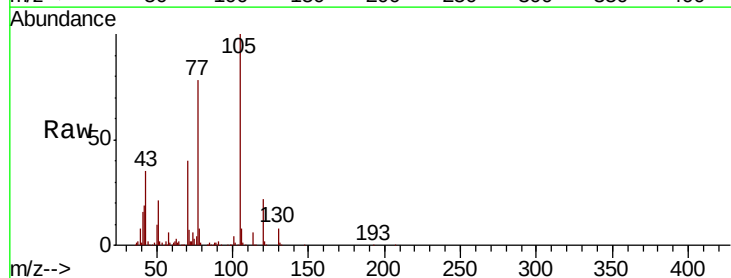
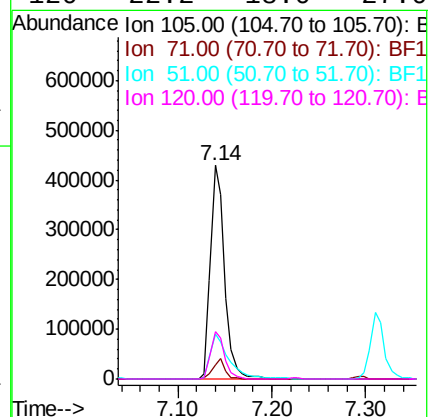
Manual Integrations
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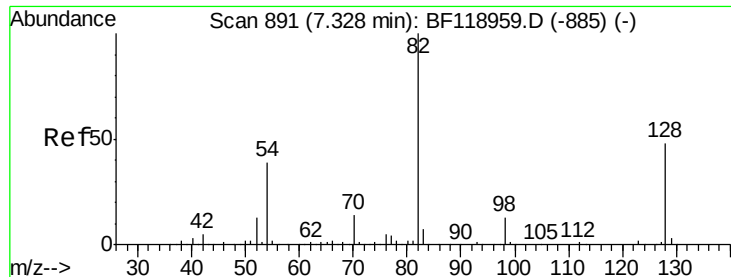
mohammad
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#22
Acetophenone
Concen: 41.739 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		452378		
71	6.8		3.0	4.4#	
51	21.2		20.1	30.1	
120	22.2		18.0	27.0	





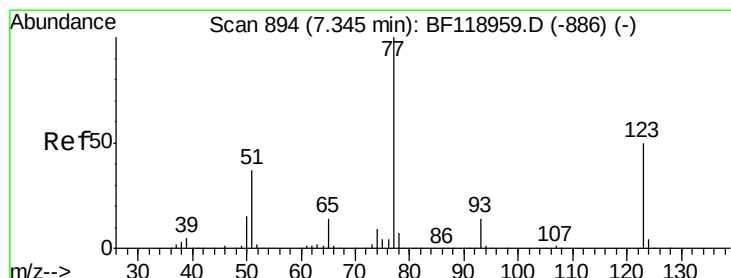
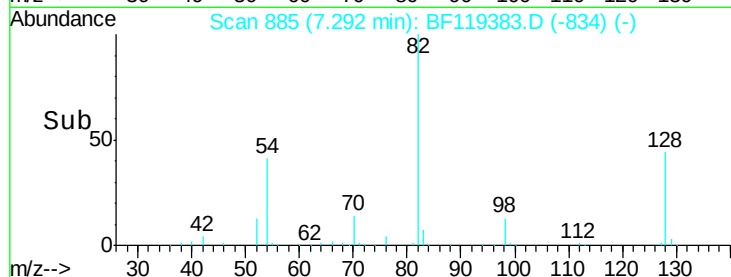
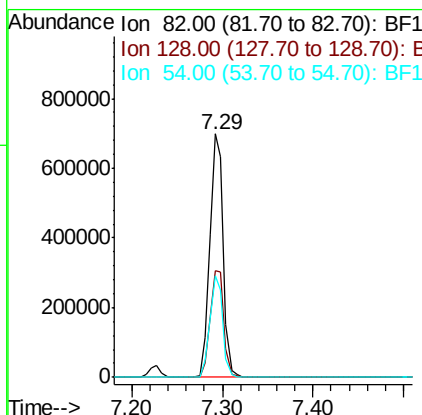
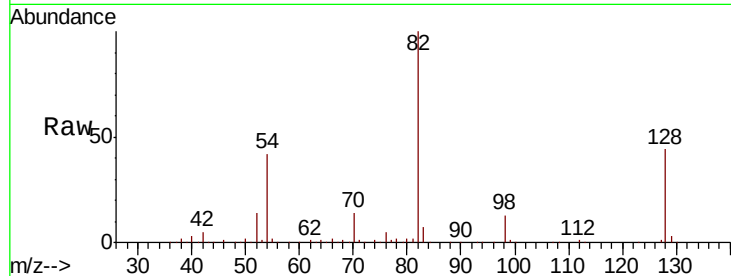
#23
 Nitrobenzene-d5
 Concen: 82.060 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	728017
Ion Ratio	Lower	Upper	
82	100		
128	43.7	37.9	56.9
54	41.5	33.4	50.2

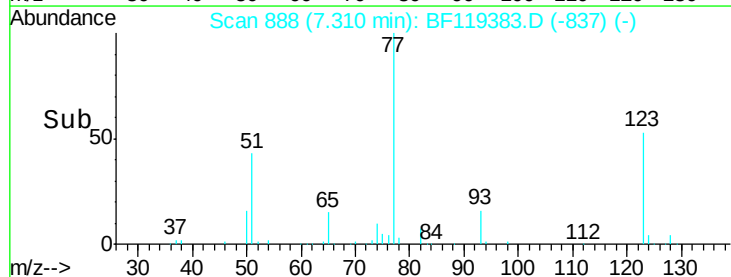
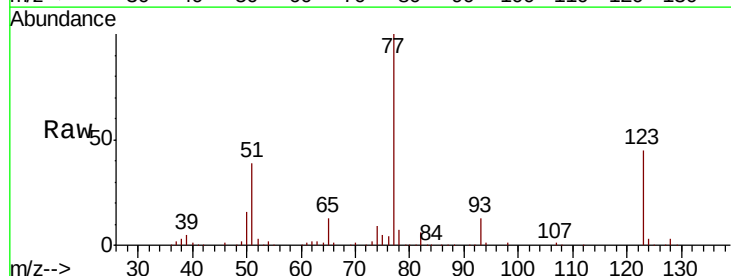
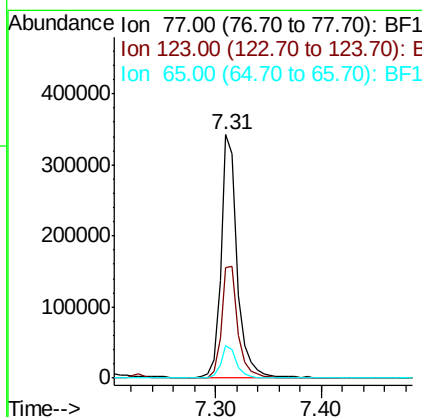
Manual Integrations
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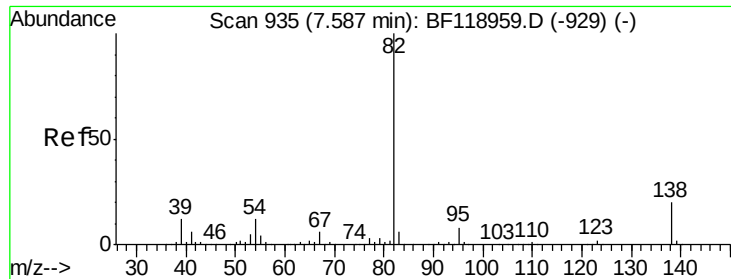
mohammad
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#24
 Nitrobenzene
 Concen: 41.452 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	77	Resp	363670
Ion Ratio	Lower	Upper	
77	100		
123	45.3	40.2	60.2
65	13.4	10.8	16.2





#25

Isophorone

Concen: 39.357 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

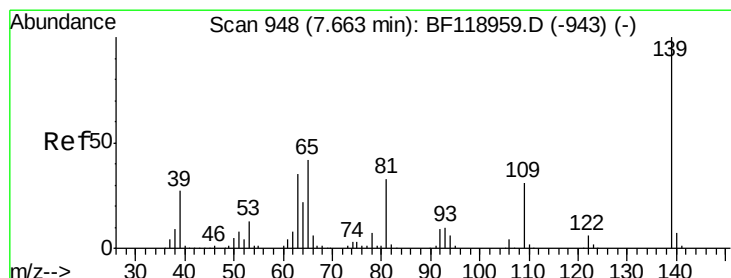
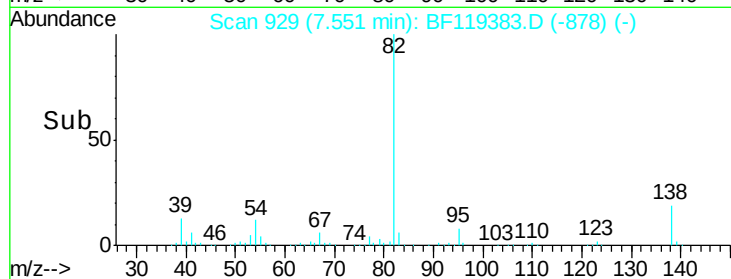
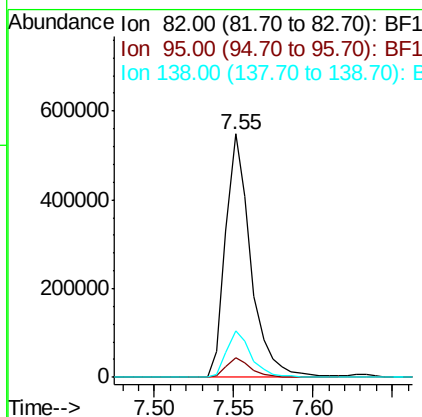
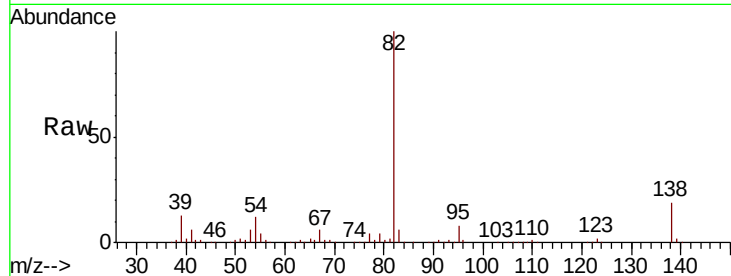
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	606391
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.4	9.6
138	19.1	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.795 ng

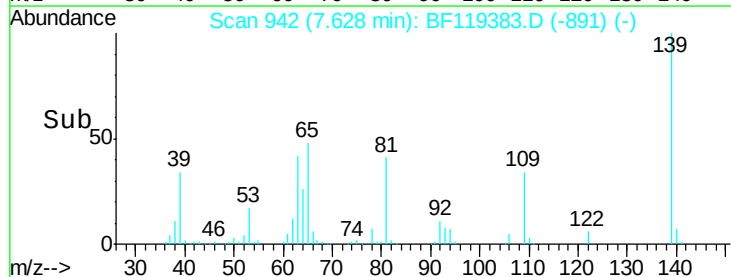
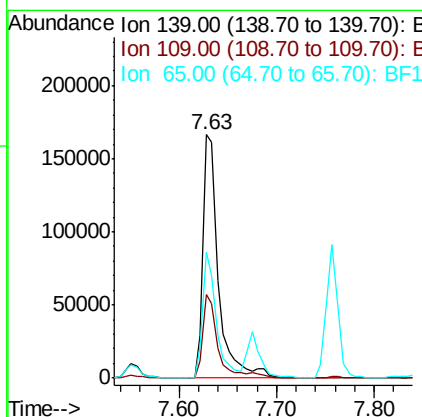
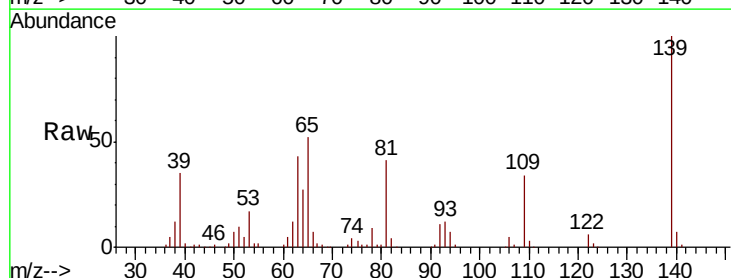
RT: 7.63 min Scan# 942

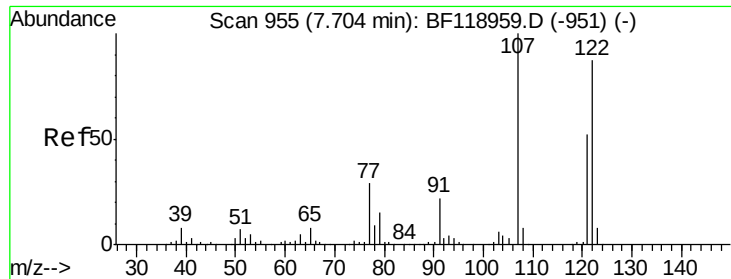
Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion:	139	Resp:	184985
Ion Ratio		Lower	Upper
139	100		
109	34.1	25.7	38.5
65	51.6	37.1	55.7





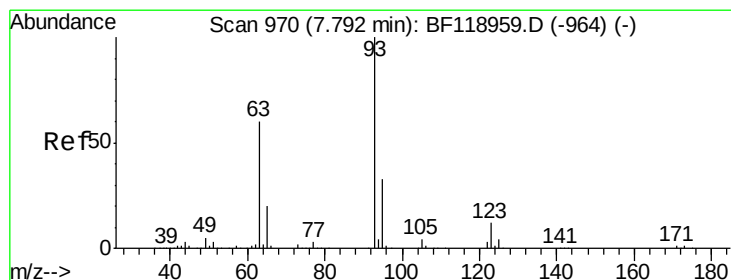
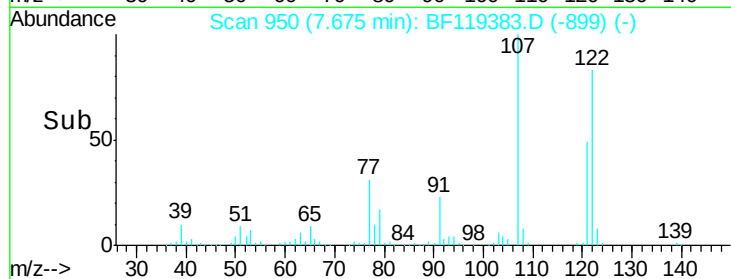
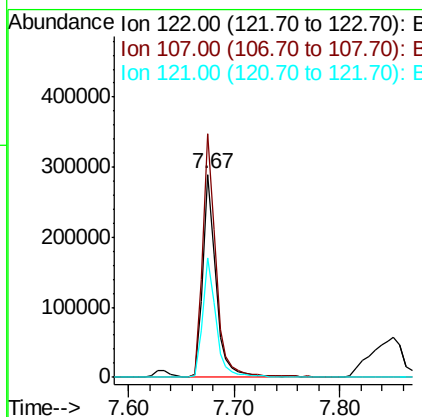
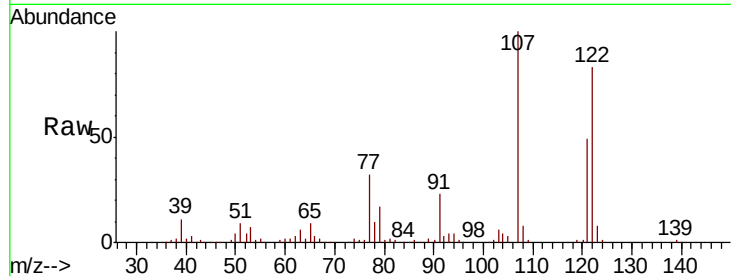
#27
2,4-Dimethylphenol
Concen: 39.183 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	93.8	140.6
121	58.7	48.2	72.2

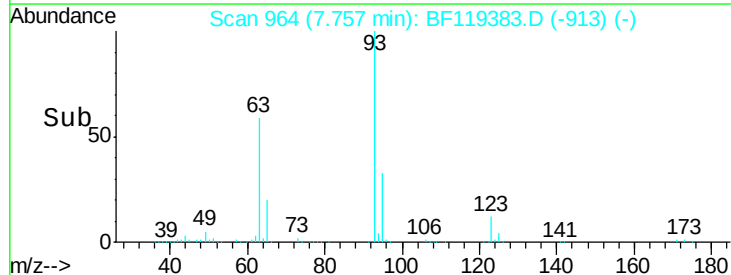
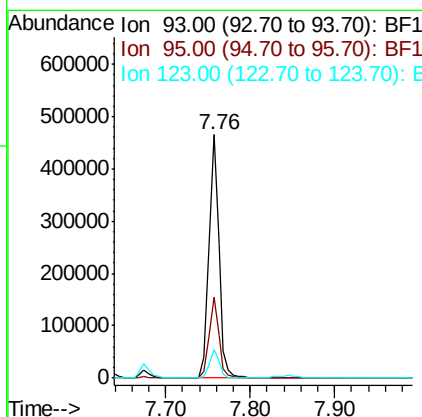
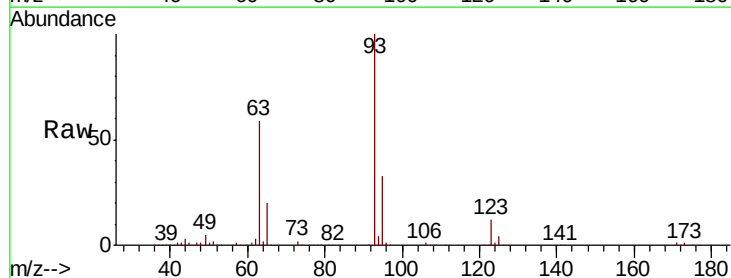
Manual Integrations
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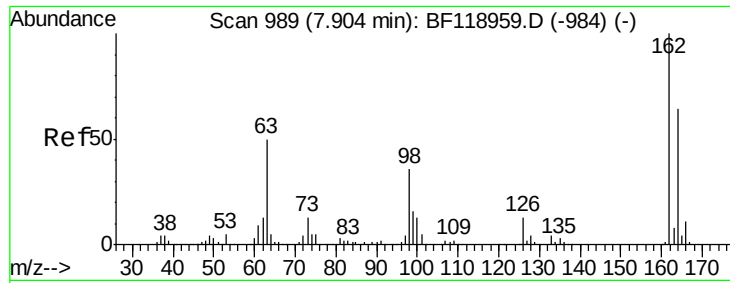
mohammad
3/16/2020 1:47:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.925 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.7	10.2	15.2





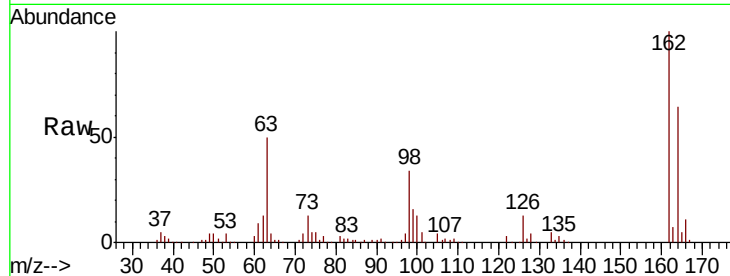
#29
 2,4-Dichlorophenol
 Concen: 39.926 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

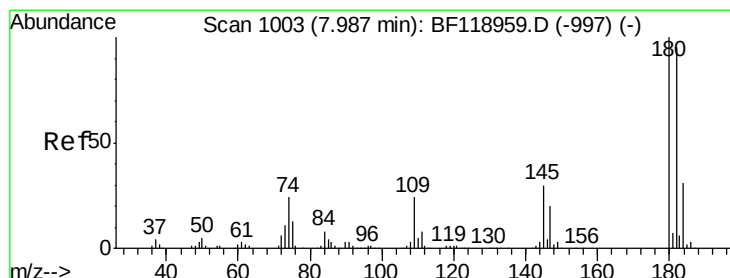
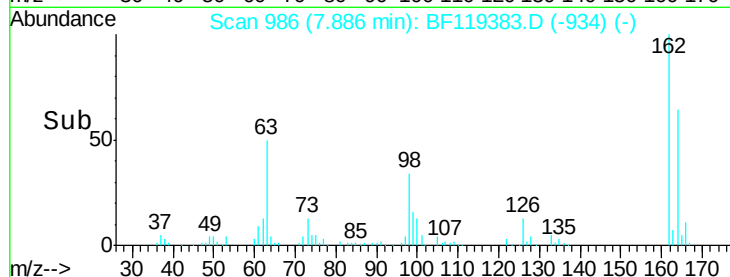
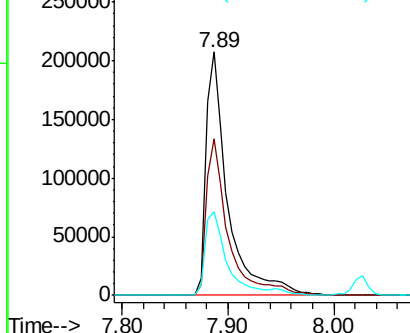
Tot Ion:	162	Resp:	296529
Ion Ratio	Lower	Upper	
162	100		
164	64.3	45.2	85.2
98	34.4	17.4	57.4

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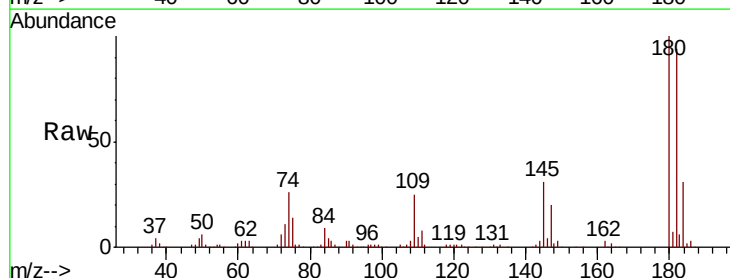


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

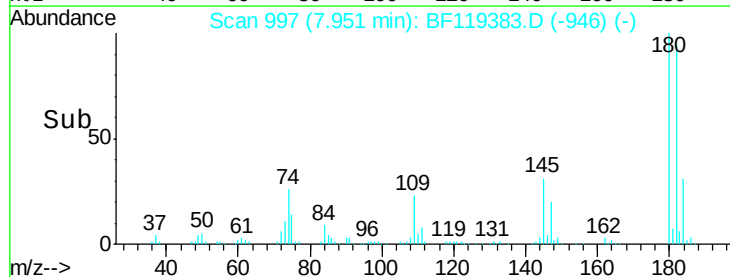
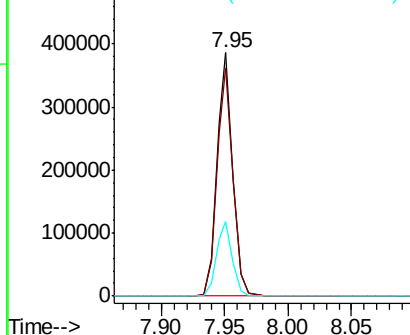


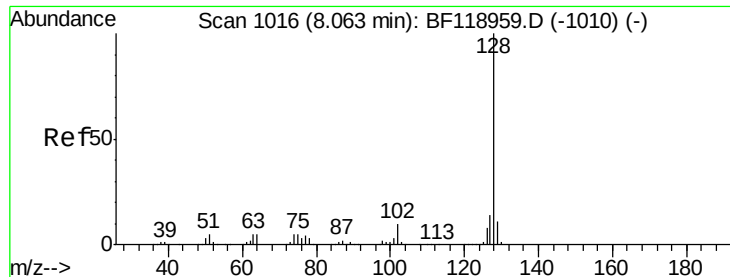
#30
 1,2,4-Trichlorobenzene
 Concen: 38.162 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion:	180	Resp:	336049
Ion Ratio	Lower	Upper	
180	100		
182	93.9	77.8	116.6
145	30.7	25.2	37.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





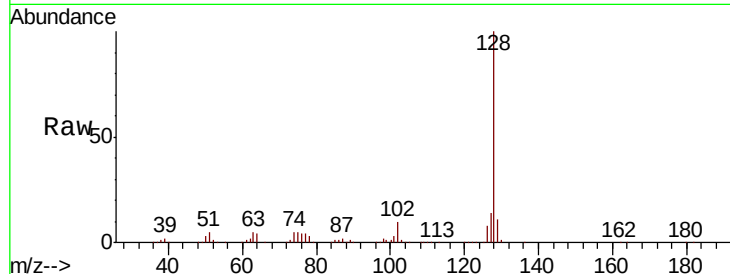
#31
Naphthalene
Concen: 39.648 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.8	11.4	17.2

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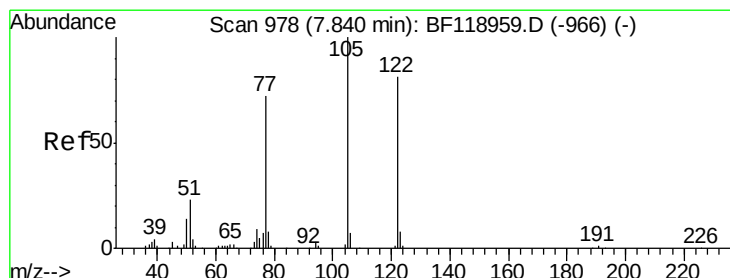
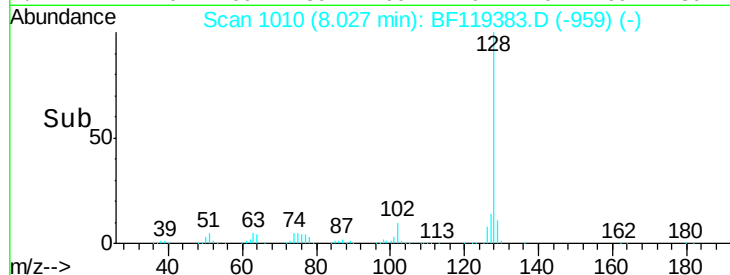
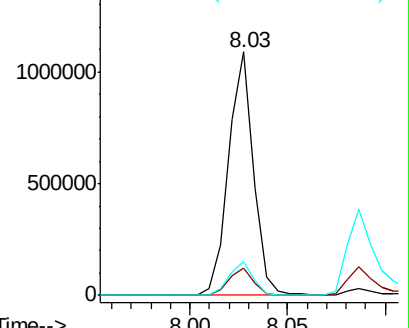


Abundance

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: 32.723 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

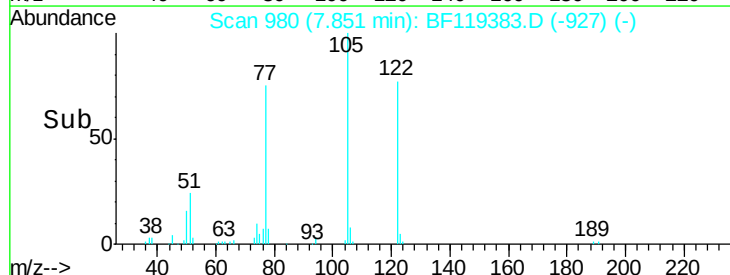
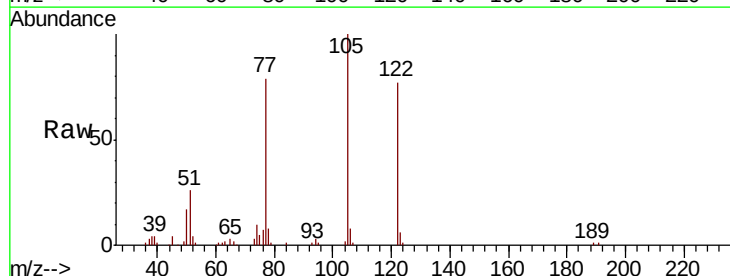
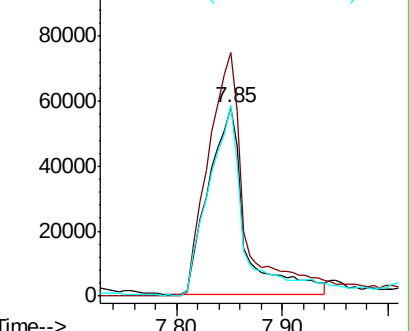
Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.4	106.3	146.3
77	101.7	73.1	113.1

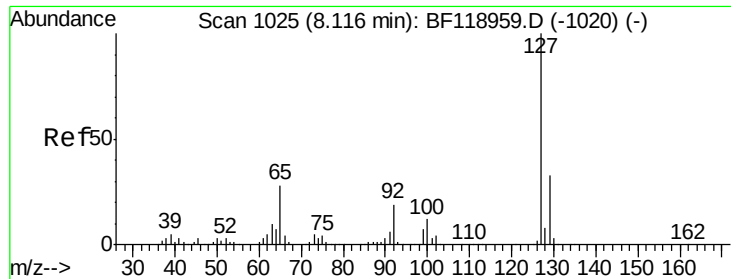
Abundance

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





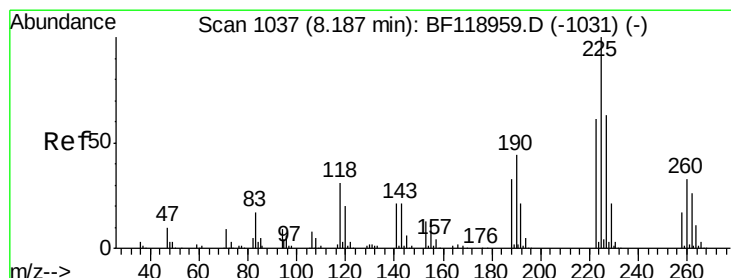
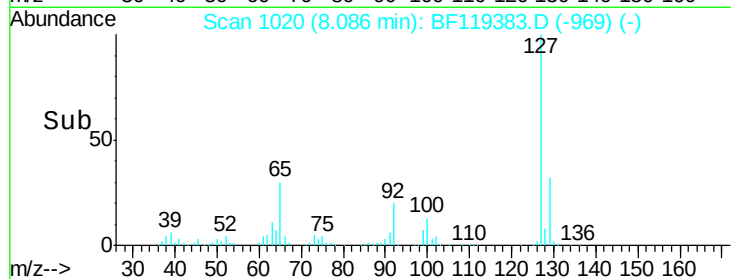
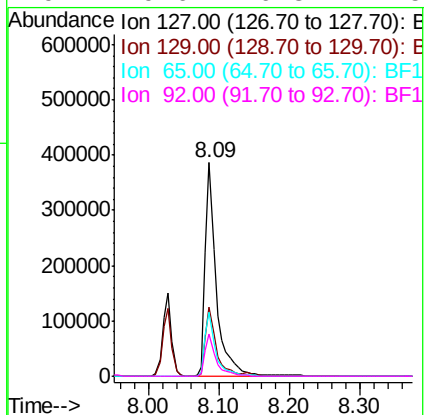
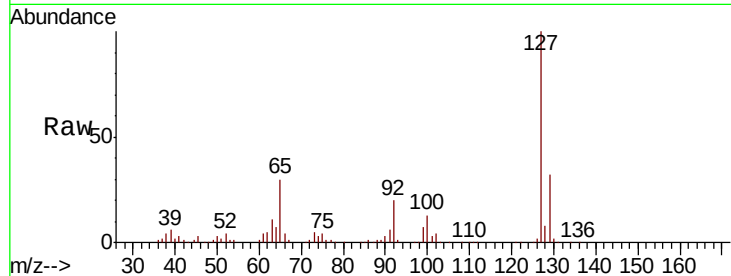
#33
4-Chloroaniline
Concen: 40.268 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	30.1	23.9	35.9		
92	19.6	16.3	24.5		

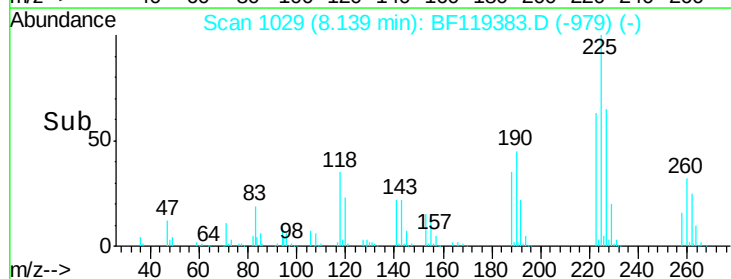
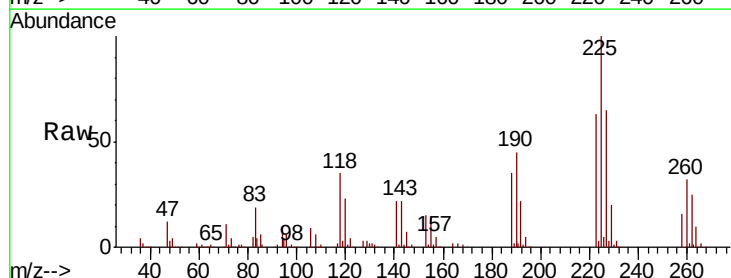
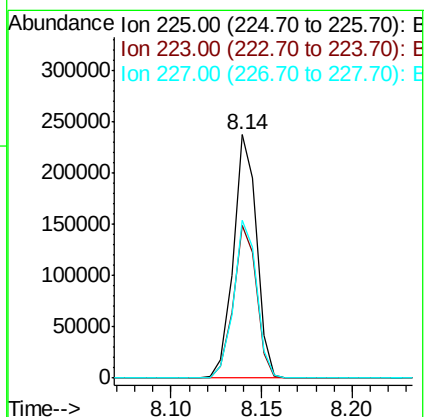
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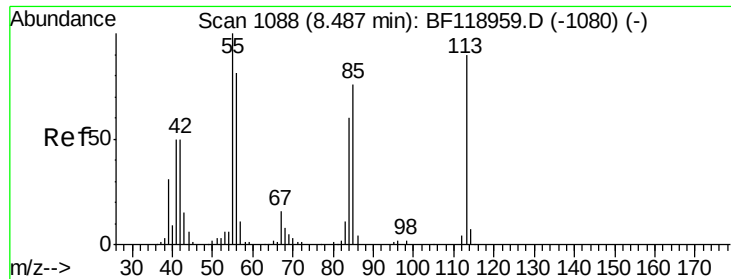
mohammad
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#34
Hexachlorobutadiene
Concen: 38.587 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.4	74.2		
227	64.7	52.9	79.3		





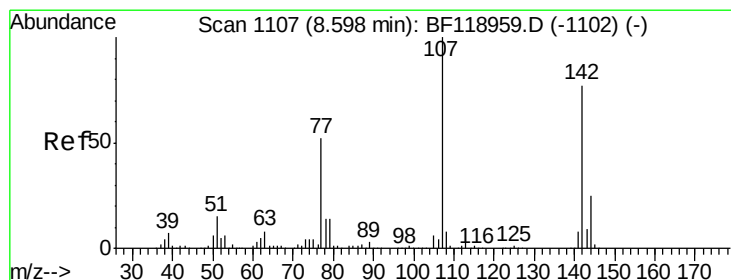
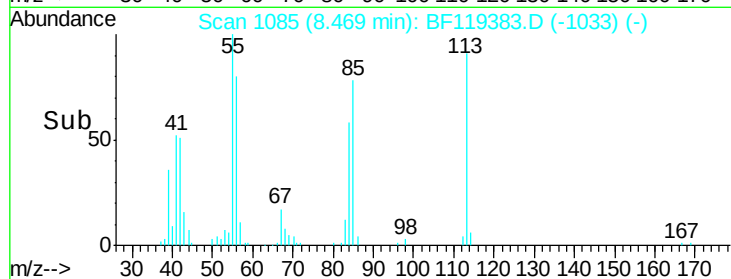
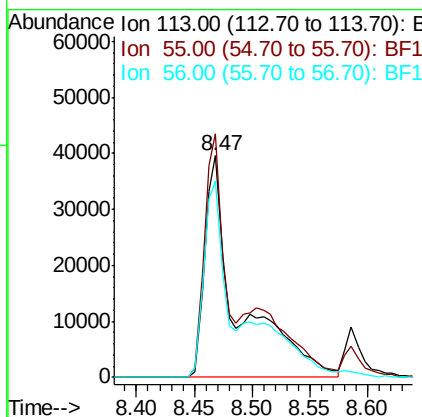
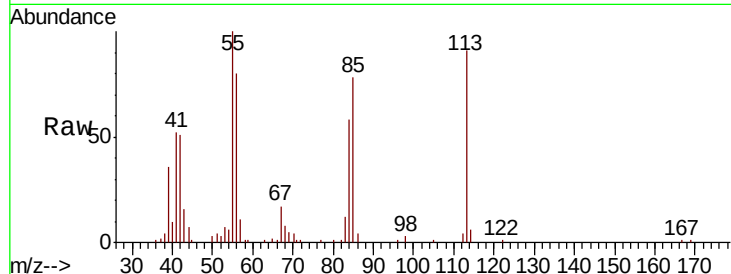
#35
 Caprolactam
 Concen: 34.808 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		79601		
55	109.8	95.7	135.7		
56	88.4	73.1	113.1		

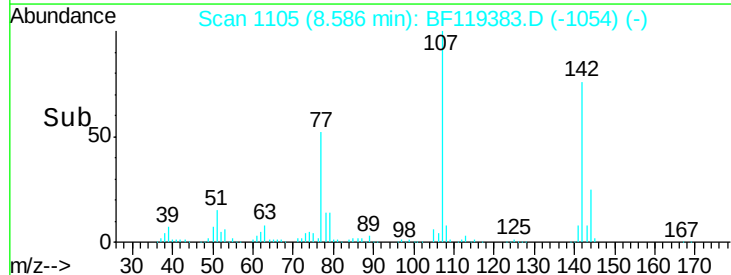
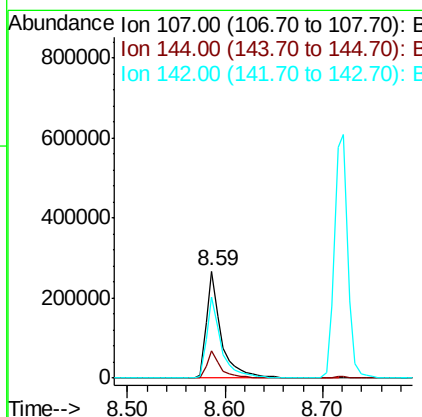
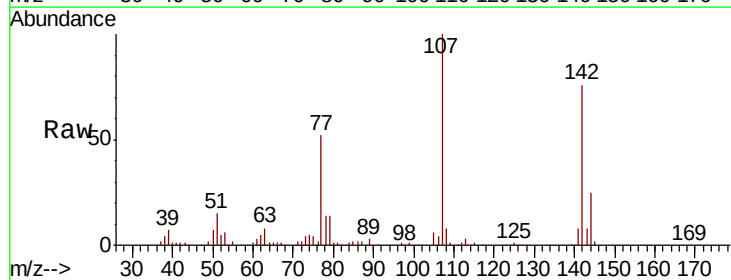
Manual Integrations
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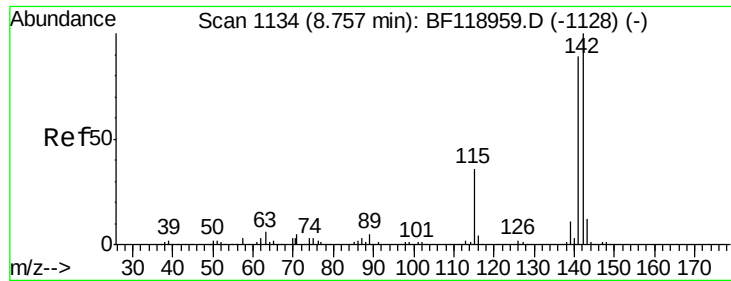
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 36.909 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		277428		
144	25.2	20.1	30.1		
142	75.9	61.4	92.2		





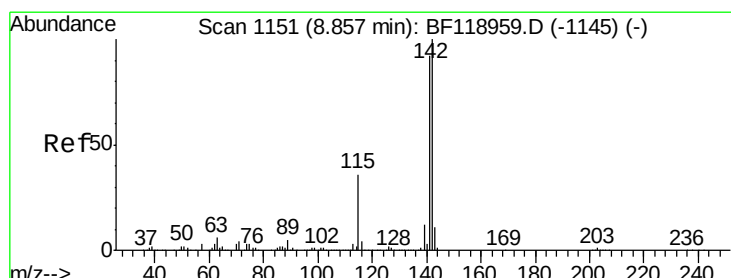
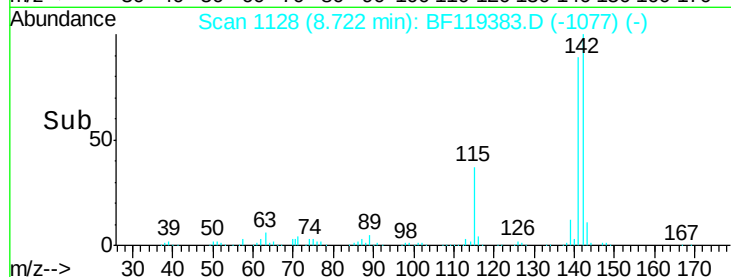
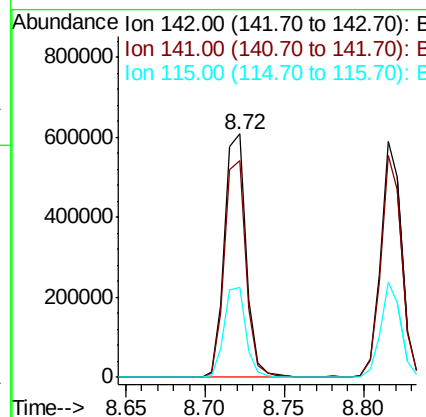
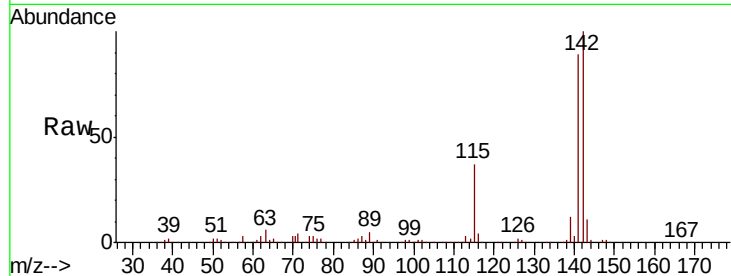
#37
2-Methylnaphthalene
Concen: 35.191 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	37.1	30.6	45.8

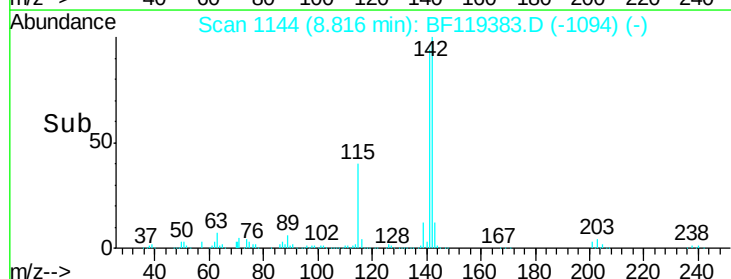
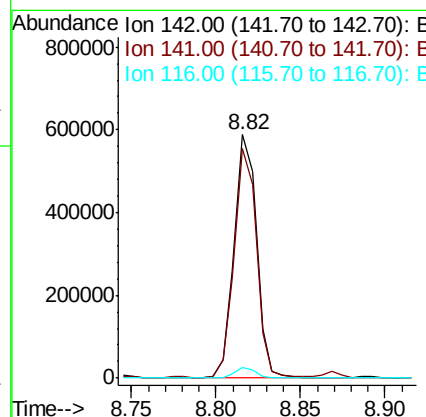
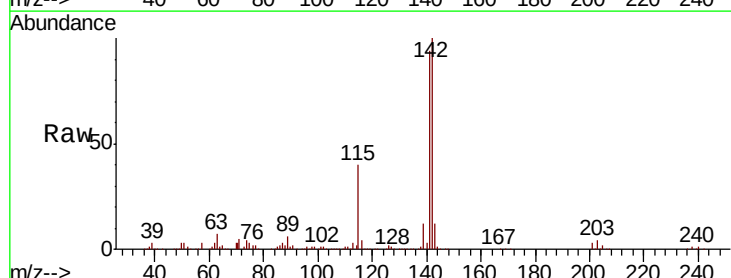
Manual Integrations
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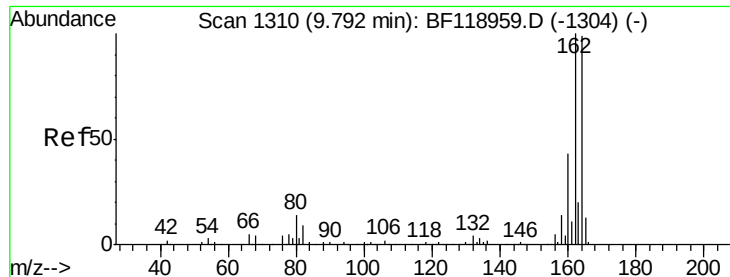
mohammad
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#38
1-Methylnaphthalene
Concen: 35.244 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.6
116	4.3	3.1	4.7





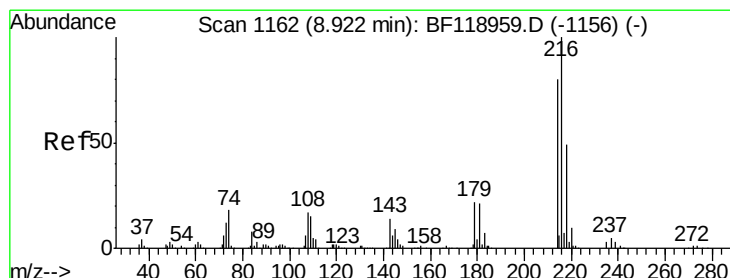
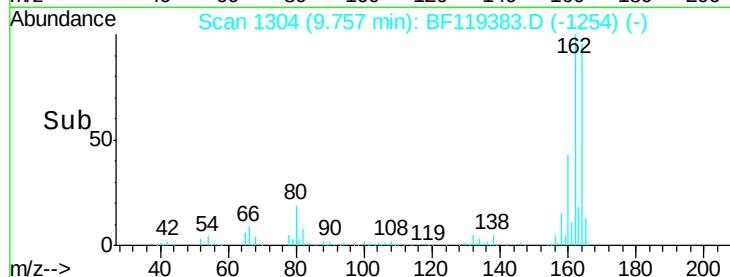
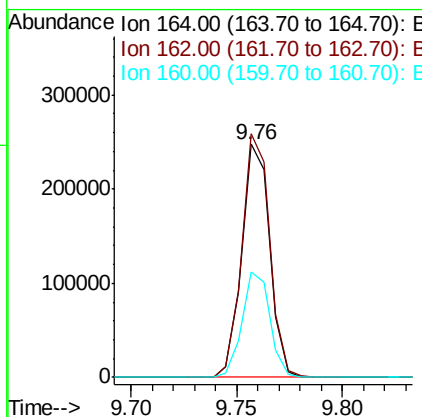
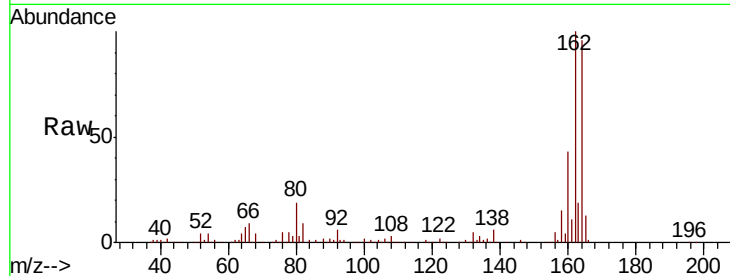
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.8	122.8
160	45.4	36.0	54.0

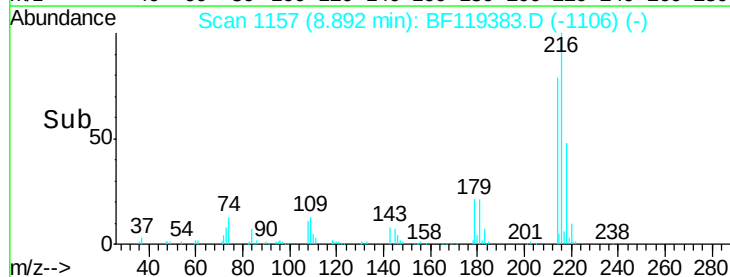
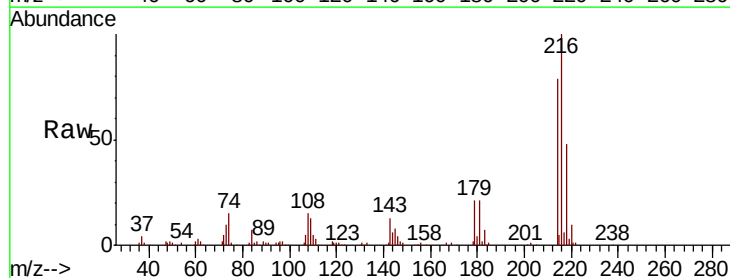
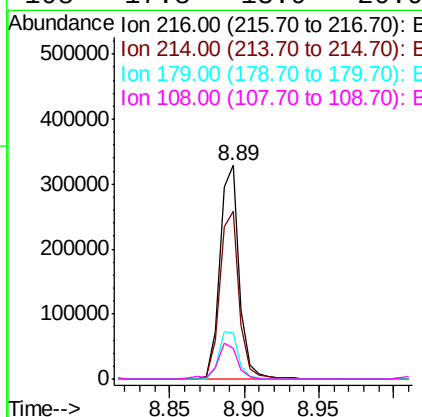
Manual Integrations
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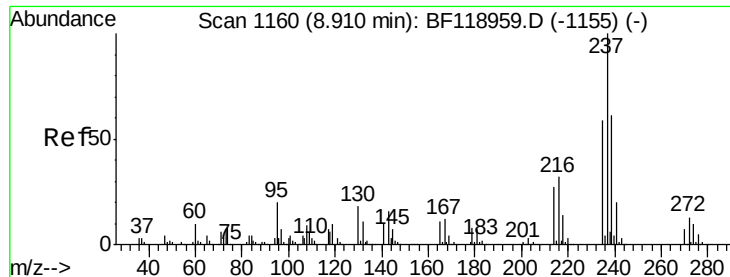
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.179 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	22.3	17.7	26.5
108	17.8	13.9	20.9





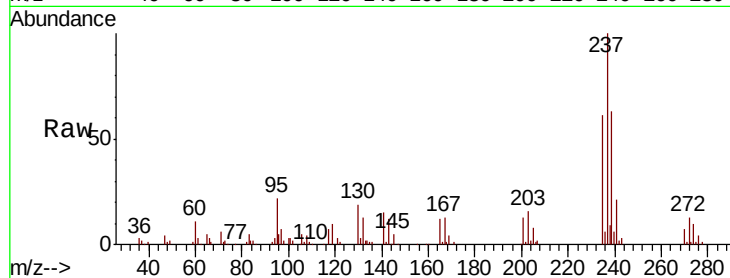
#41
Hexachlorocyclopentadiene
Concen: 33.112 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

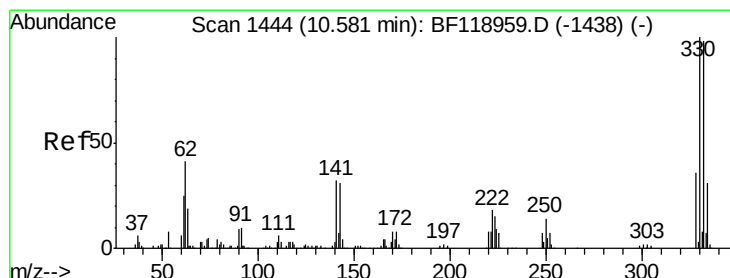
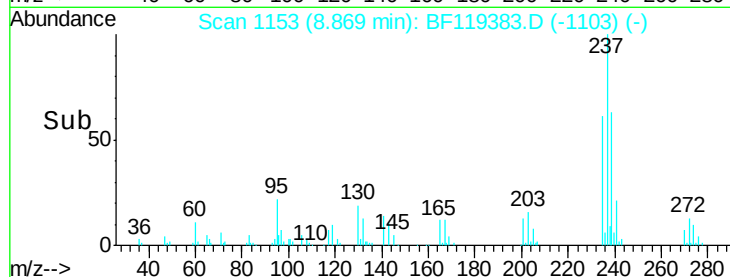
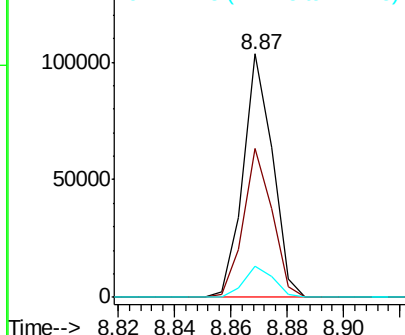
Tot Ion	Ratio	Resp	Lower	Upper
237	100	74706		
235	61.1	42.3	82.3	
272	12.6	0.0	33.5	

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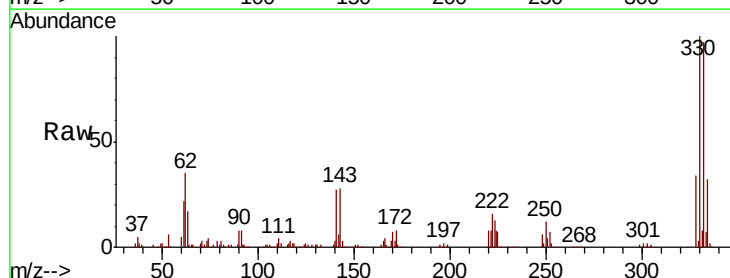


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

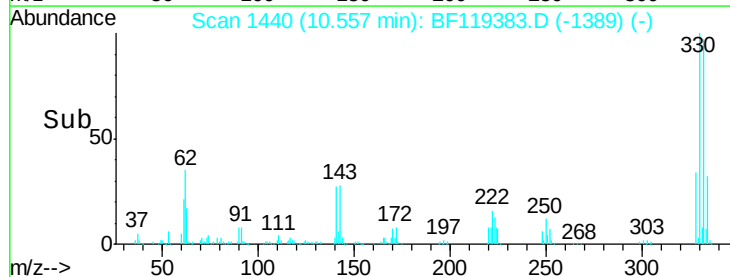
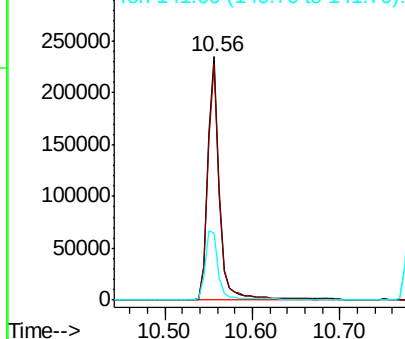


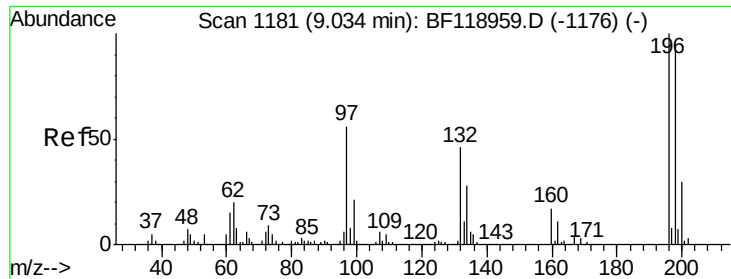
#42
2,4,6-Tribromophenol
Concen: 74.584 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	221006		
332	96.3	76.0	114.0	
141	31.5	22.9	34.3	



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





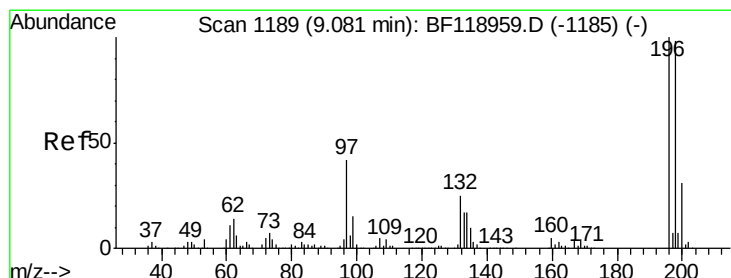
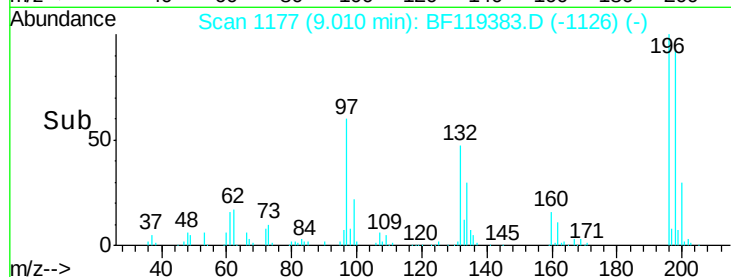
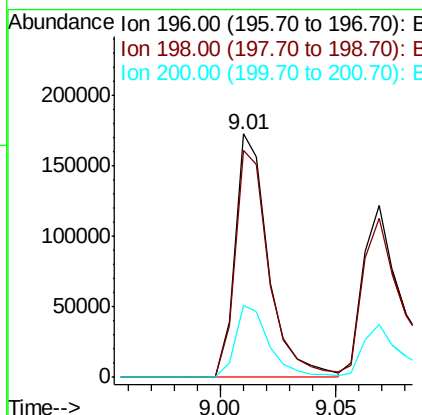
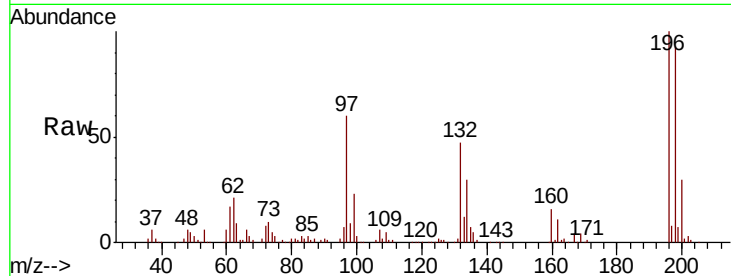
#43
 2,4,6-Trichlorophenol
 Concen: 36.142 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174304		
198	93.2	77.1	115.7	
200	29.7	25.0	37.6	

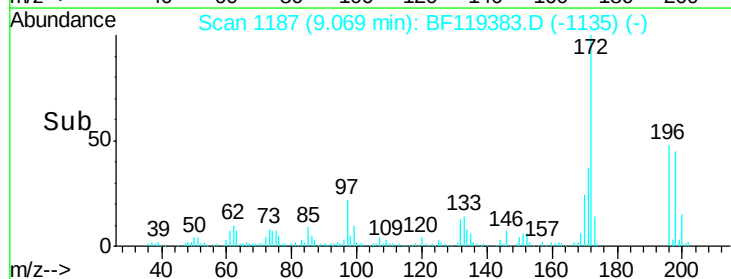
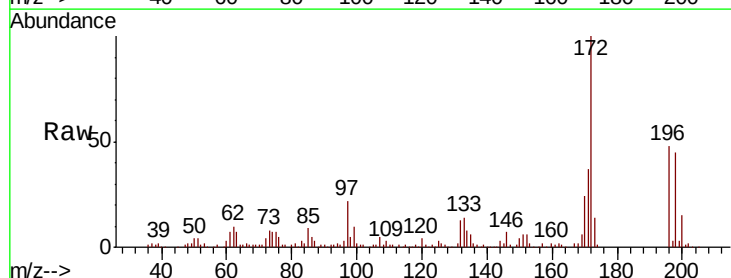
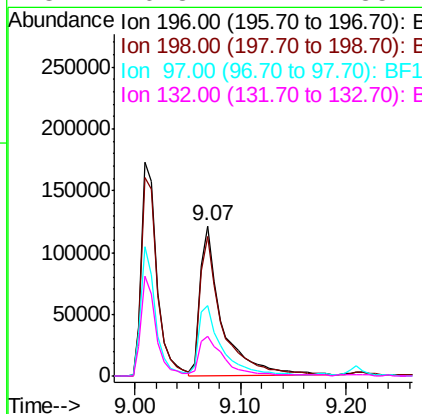
Manual Integrations
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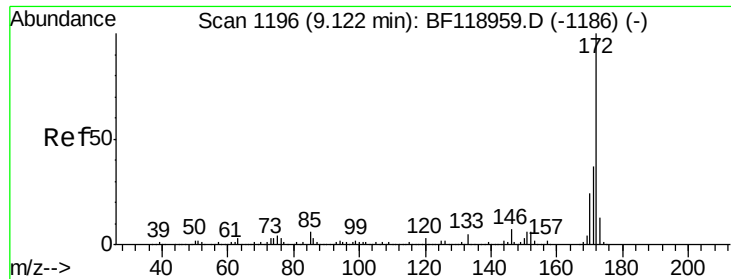
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 33.454 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169304		
198	93.1	76.8	115.2	
97	46.5	38.5	57.7	
132	26.8	22.2	33.4	





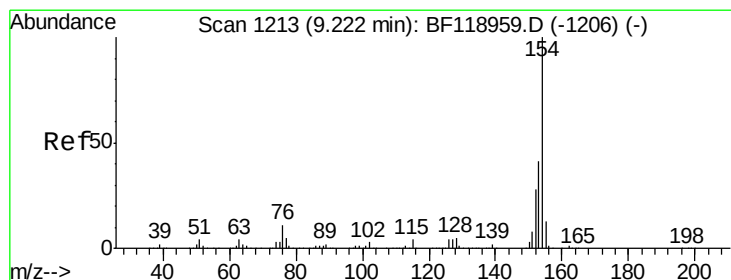
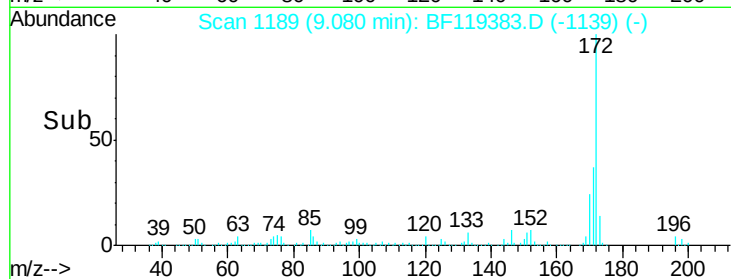
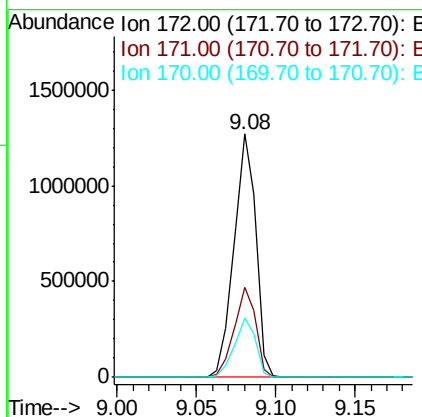
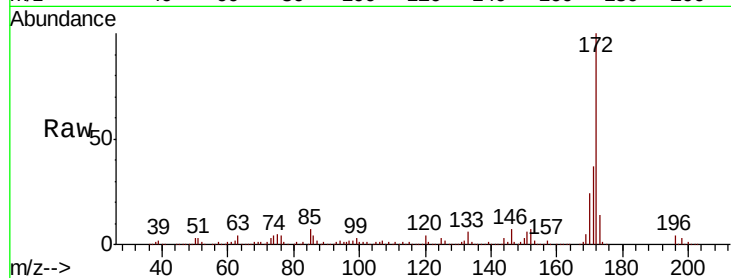
#45
2-Fluorobiphenyl
Concen: 78.659 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.3	20.2	30.2

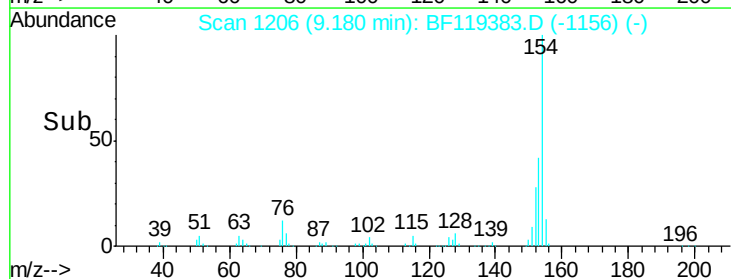
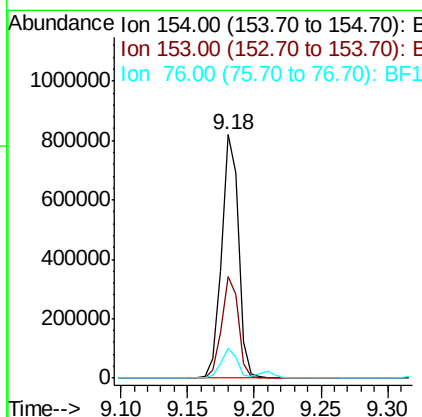
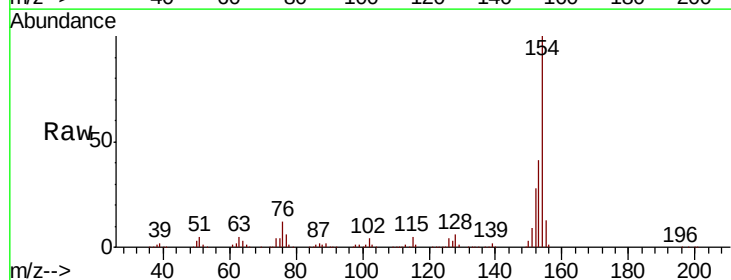
Manual Integrations
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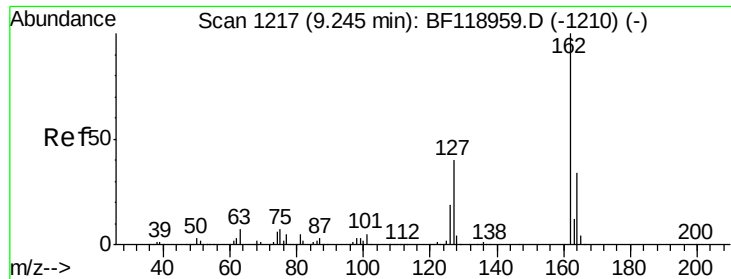
mohammad
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#46
1,1'-Biphenyl
Concen: 40.285 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.3	0.0	32.2





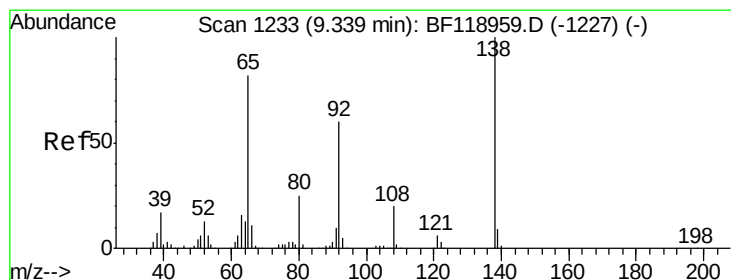
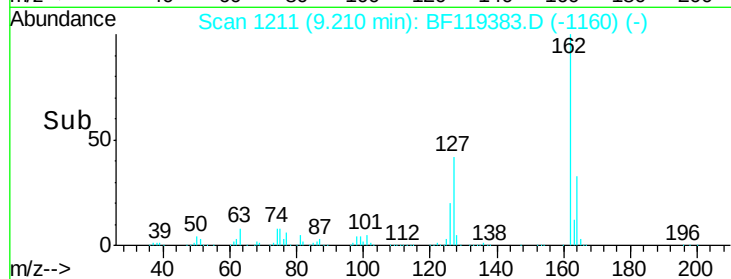
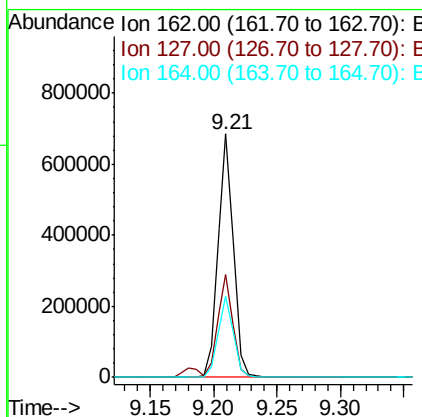
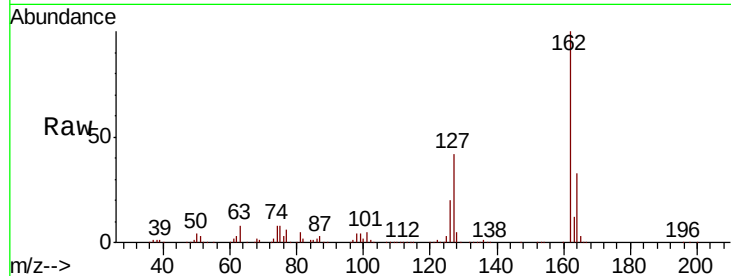
#47
 2-Chloronaphthalene
 Concen: 39.989 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		589945		
127	42.2	35.0	52.4		
164	33.1	27.2	40.8		

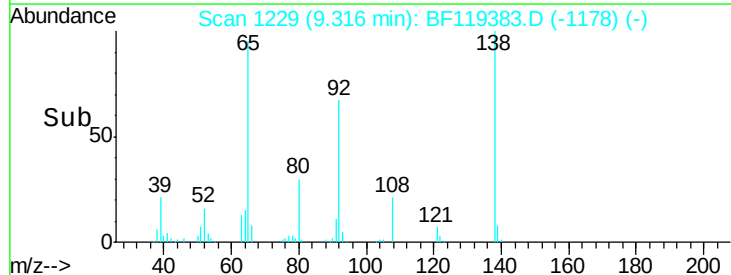
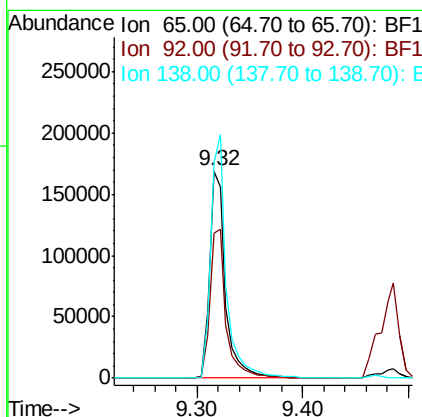
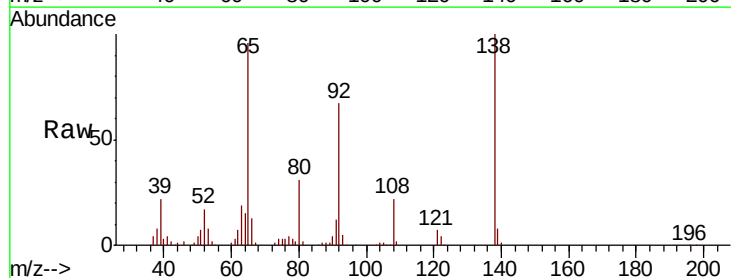
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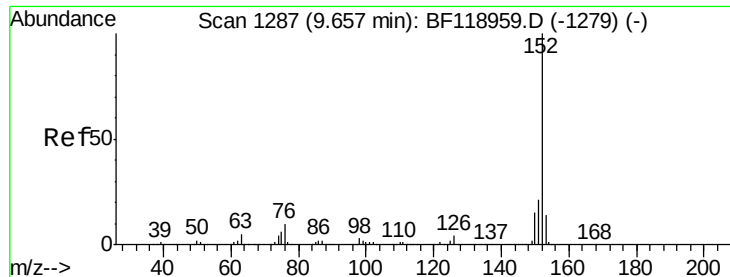
mohammad
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#48
 2-Nitroaniline
 Concen: 43.379 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		178495		
92	70.4	58.2	87.2		
138	104.4	95.6	143.4		





#49

Acenaphthylene

Concen: 39.284 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

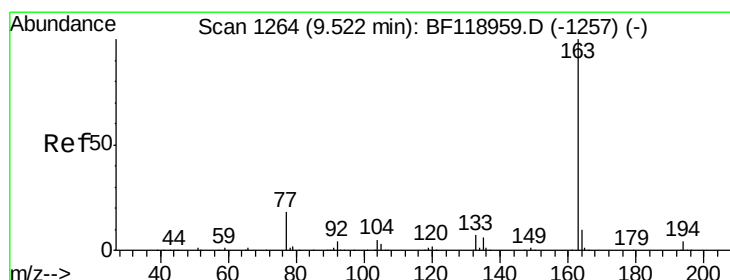
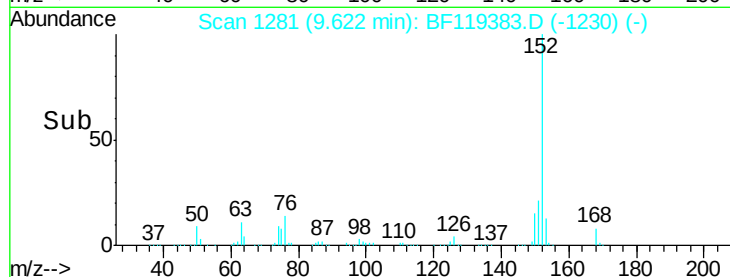
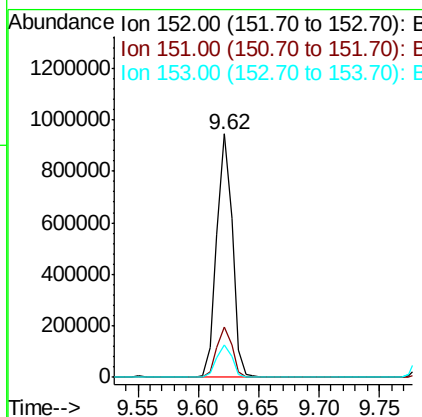
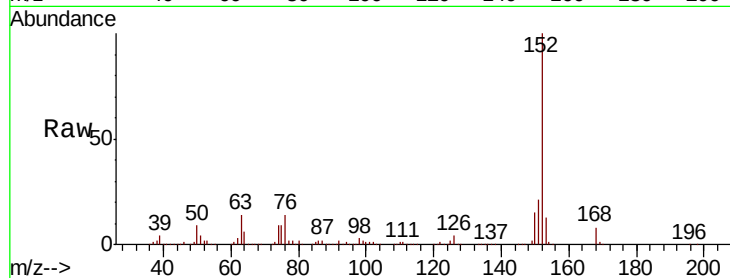
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		837020		
151	20.7	16.9	25.3		
153	13.3	11.0	16.6		

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#50

Dimethylphthalate

Concen: 38.907 ng

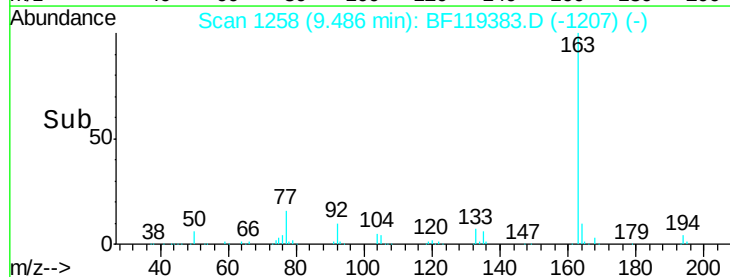
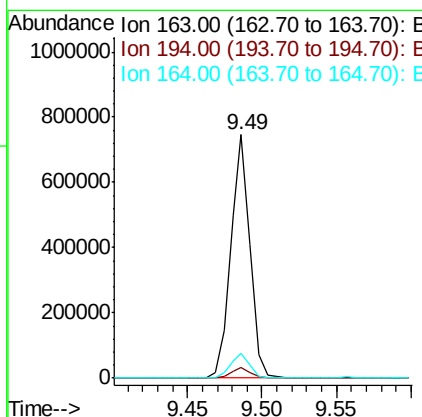
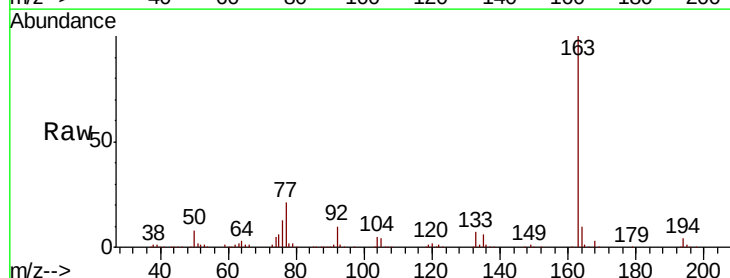
RT: 9.49 min Scan# 1258

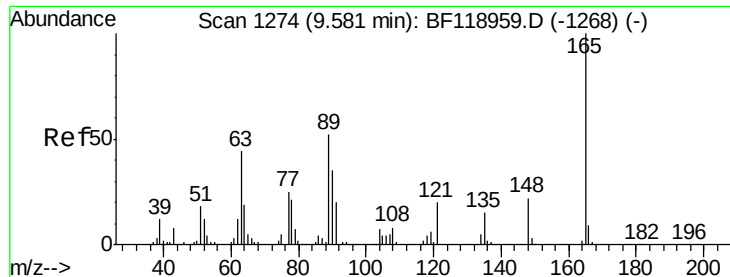
Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		673903		
194	4.2	3.5	5.3		
164	10.3	8.4	12.6		





#51

2,6-Dinitrotoluene

Concen: 38.924 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 149787
Ion Ratio Lower Upper

165 100

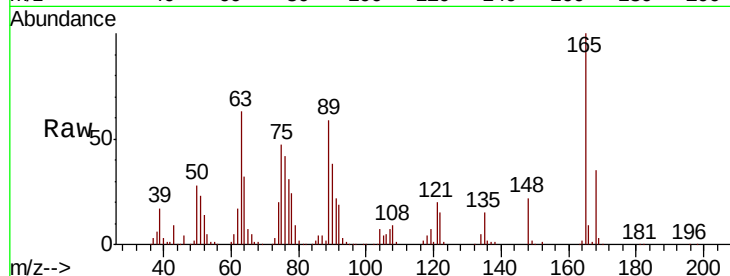
63 62.5 34.3 51.5#

89 59.0 38.3 57.5#

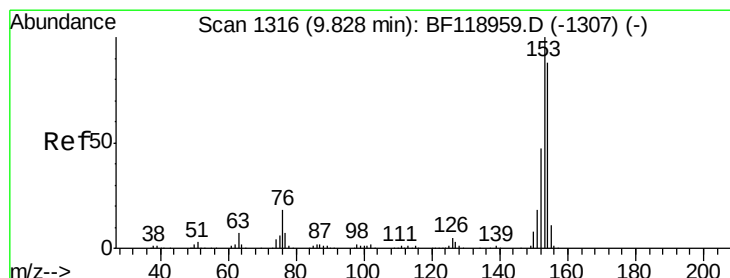
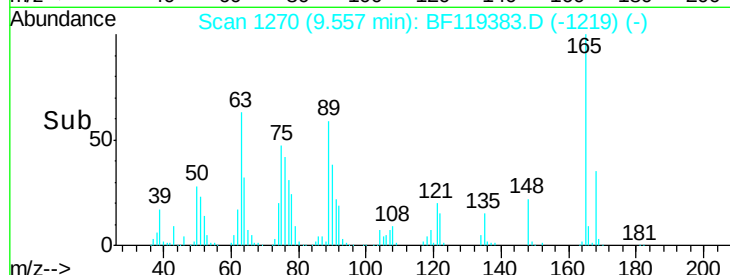
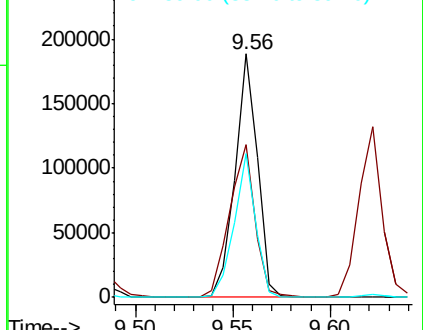
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.416 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119383.D

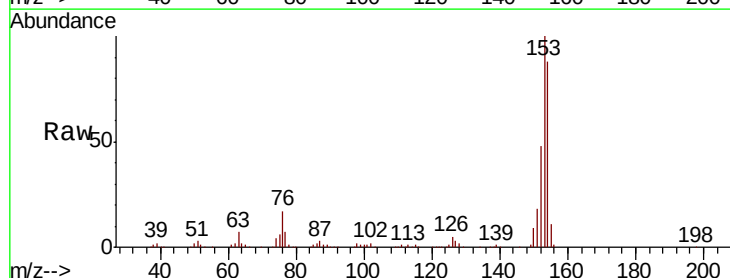
Acq: 12 Mar 2020 16:28

Tgt Ion:154 Resp: 519264
Ion Ratio Lower Upper

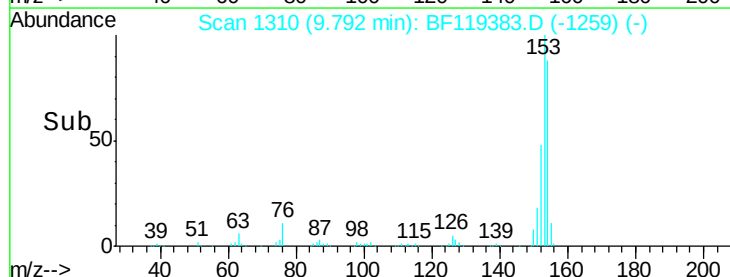
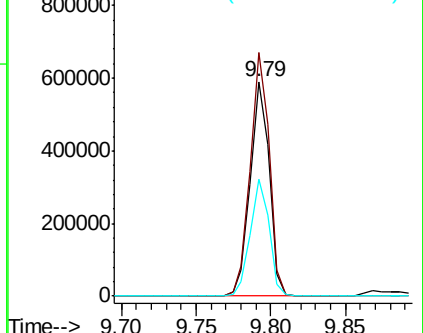
154 100

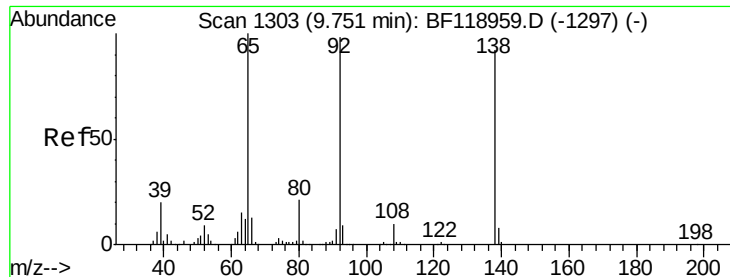
153 113.5 90.3 135.5

152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





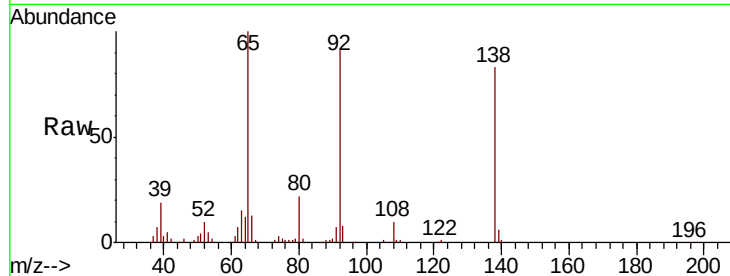
#53
3-Nitroaniline
Concen: 40.193 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

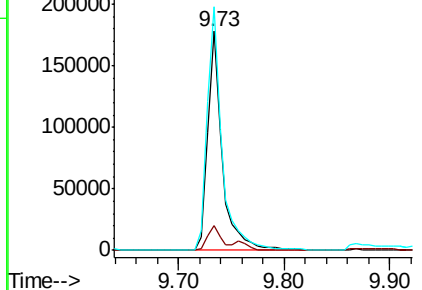
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.8	13.2
92	111.1	84.8	127.2

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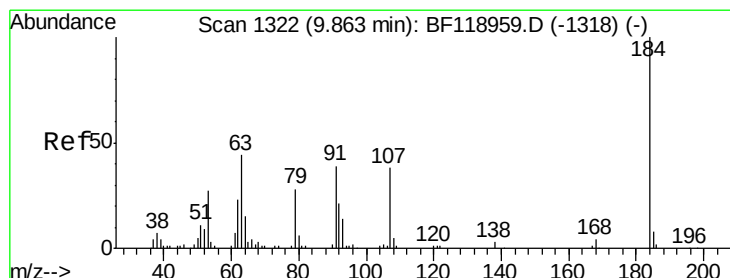
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

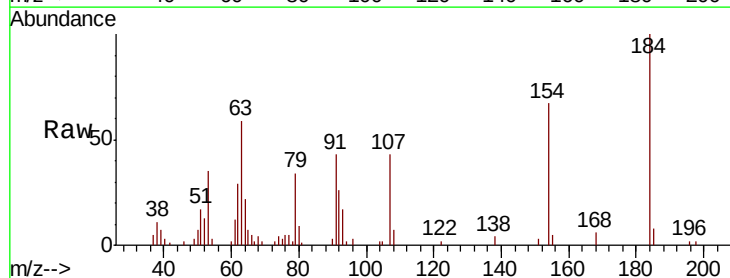


Time-->

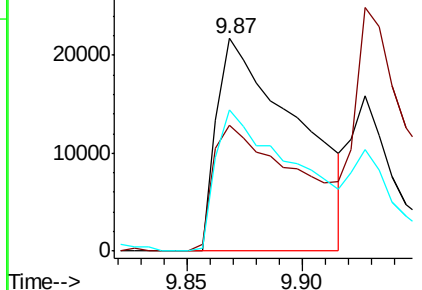


#54
2,4-Dinitrophenol
Concen: 32.888 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

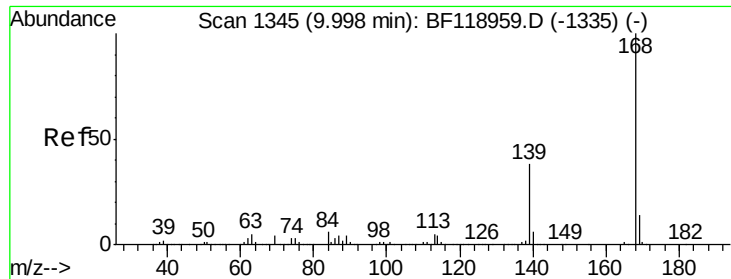
Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.1	38.7	58.1#
154	66.5	49.7	74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time-->



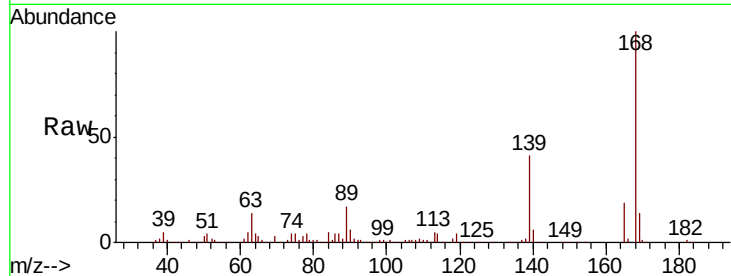
#55
Dibenzofuran
Concen: 40.014 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	34.0	51.0
169	13.6	11.0	16.4

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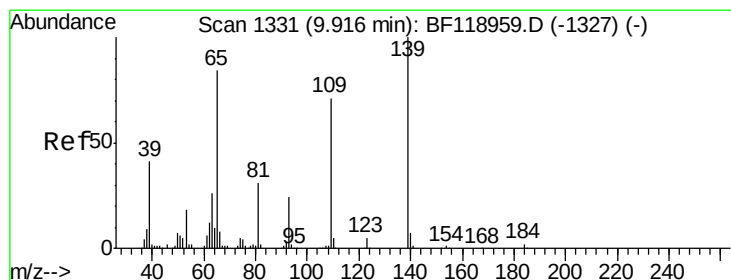
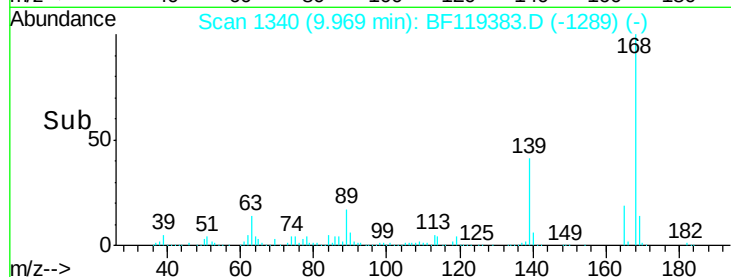
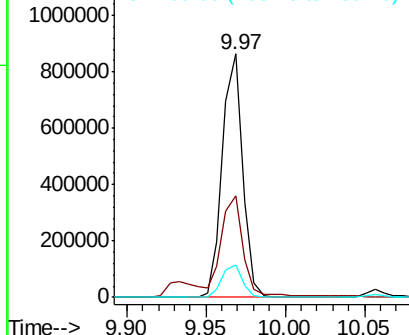


Abundance

Ion 168.00 (167.70 to 168.70): E

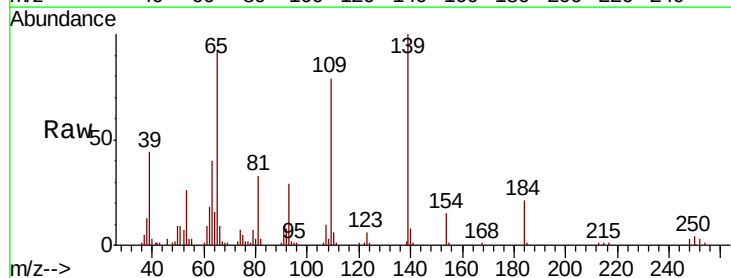
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 26.791 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	56.7	96.7
65	92.0	65.0	105.0

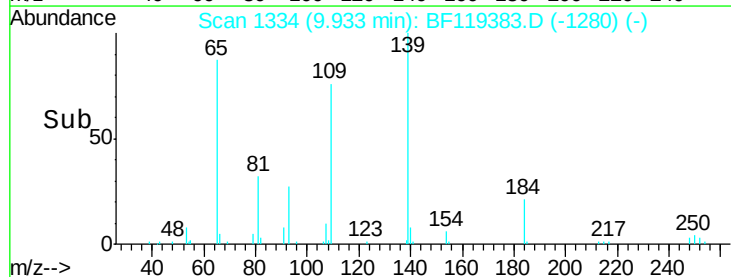
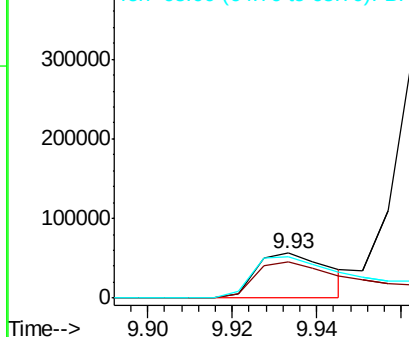


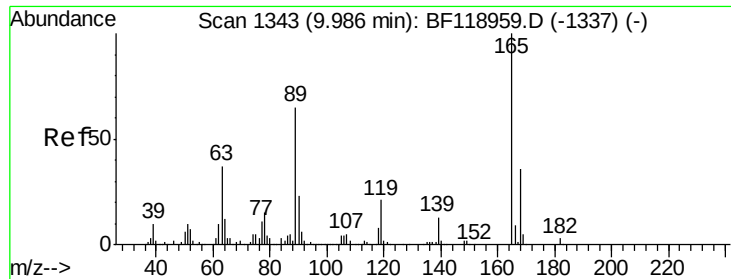
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





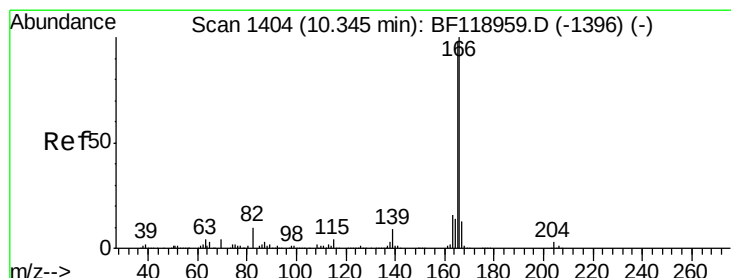
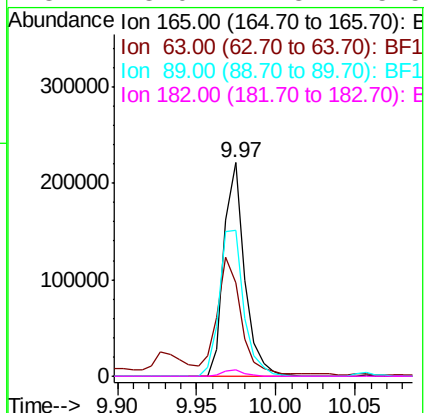
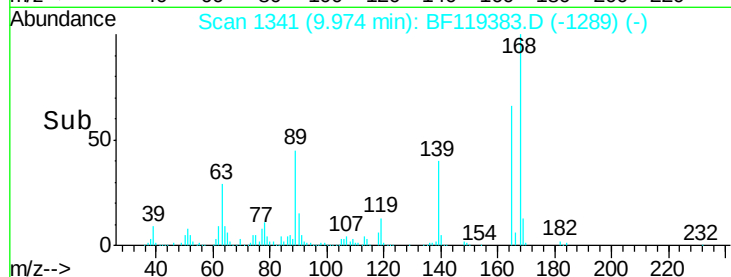
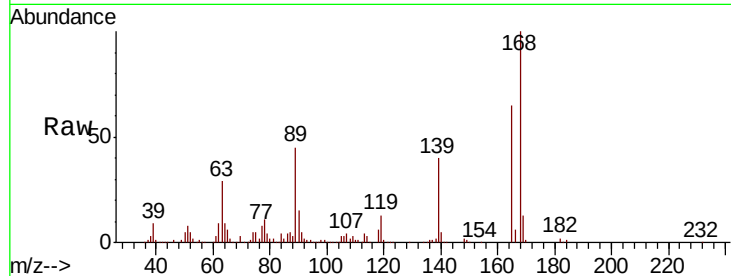
#57
 2,4-Dinitrotoluene
 Concen: 40.186 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200446		
63	43.9		42.3	63.5
89	68.1		60.2	90.4
182	3.0		2.3	3.5

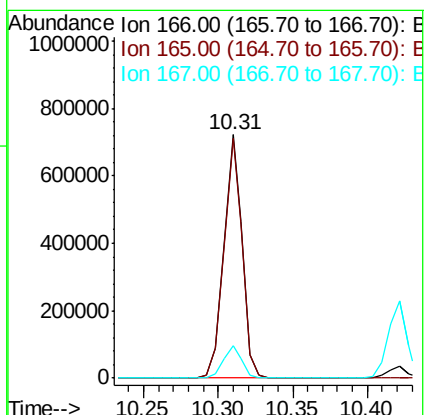
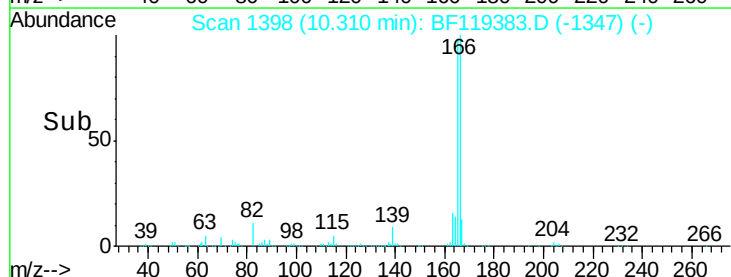
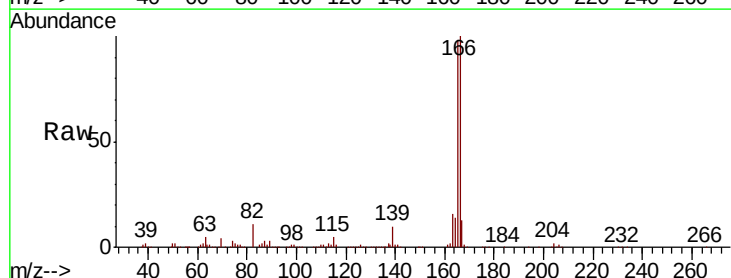
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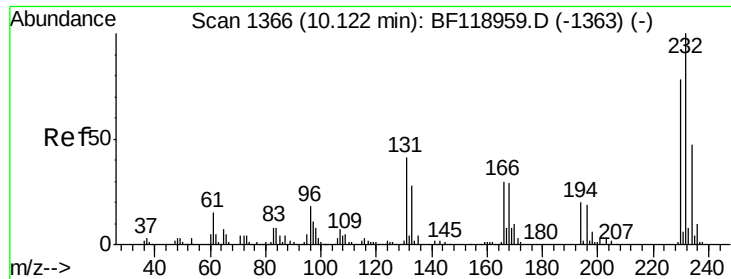
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#58
 Fluorene
 Concen: 42.001 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	625871		
165	98.2		78.5	117.7
167	13.4		11.0	16.4





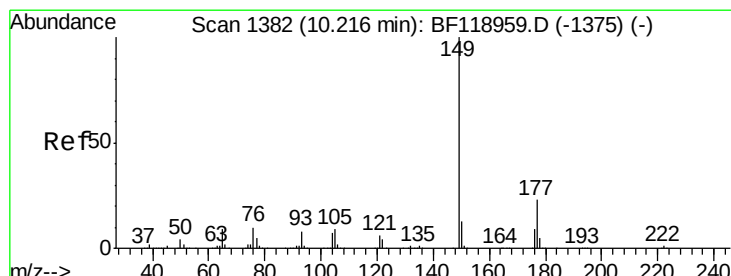
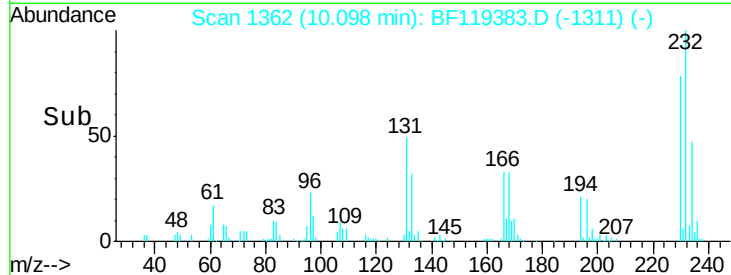
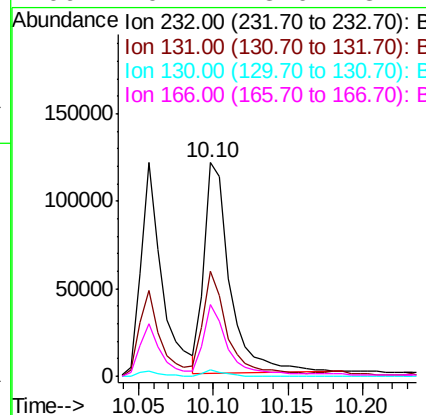
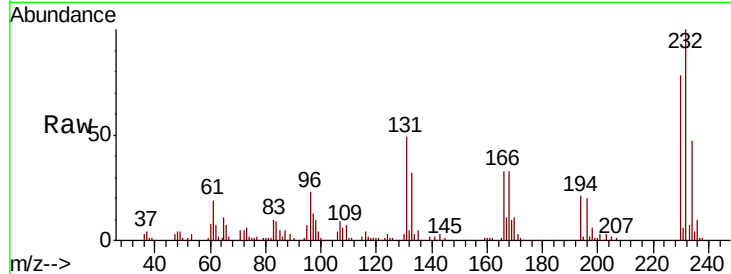
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.134 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	145761		
131	47.3	33.8	50.8	
130	2.5	1.8	2.6	
166	29.7	23.0	34.4	

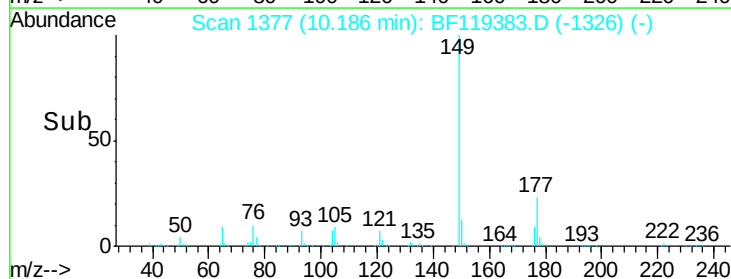
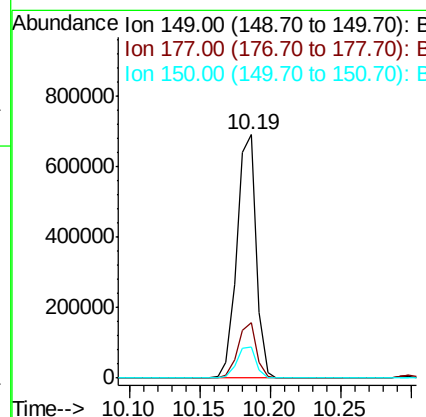
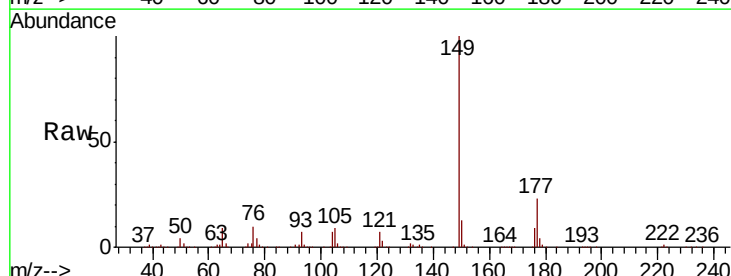
Manual Integrations
 APPROVED

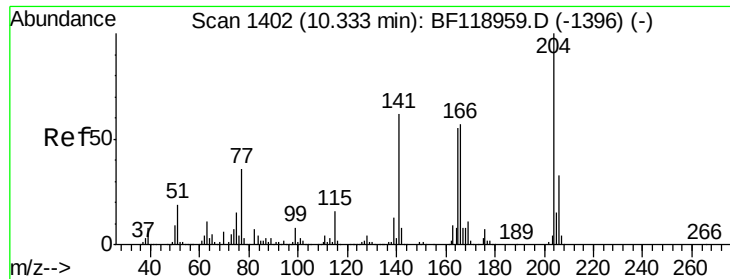
mohammad
 3/16/2020 1:47:27 PM



#60
 Diethylphthalate
 Concen: 40.169 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	655676		
177	22.6	18.2	27.2	
150	12.6	10.5	15.7	





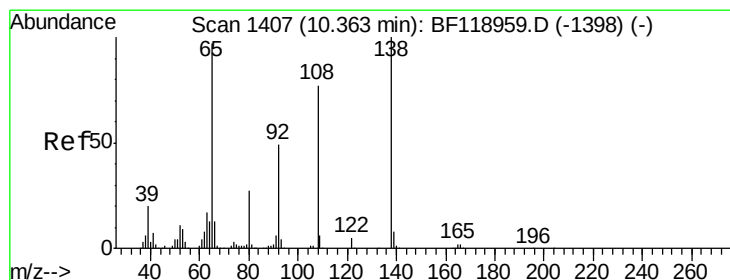
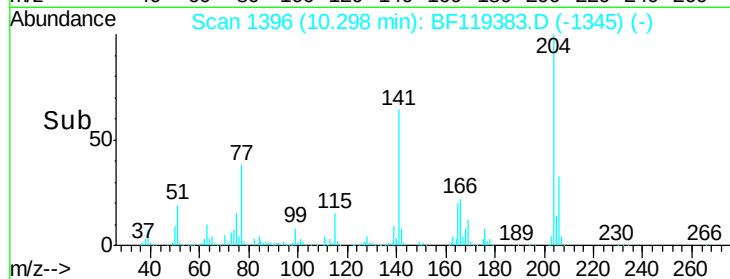
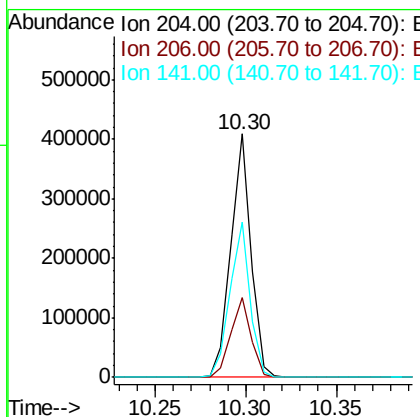
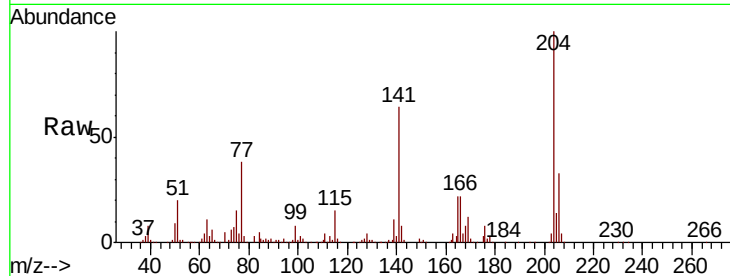
#61
4-Chlorophenyl-phenylether
Concen: 40.459 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	319120		
206	32.9		27.1	40.7
141	64.0		52.9	79.3

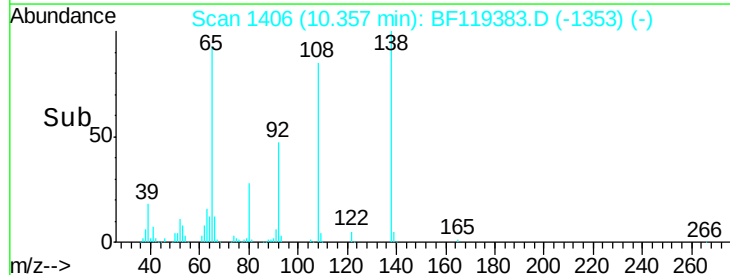
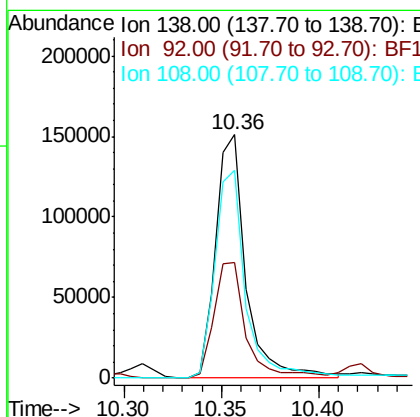
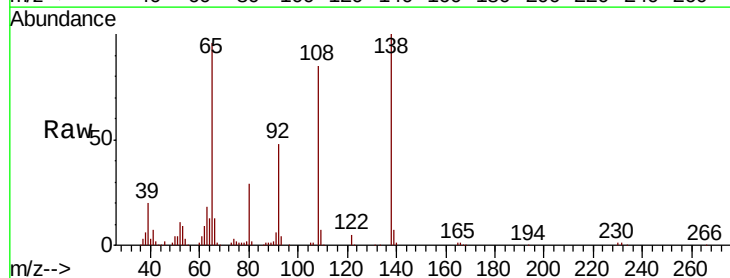
Manual Integrations
APPROVED

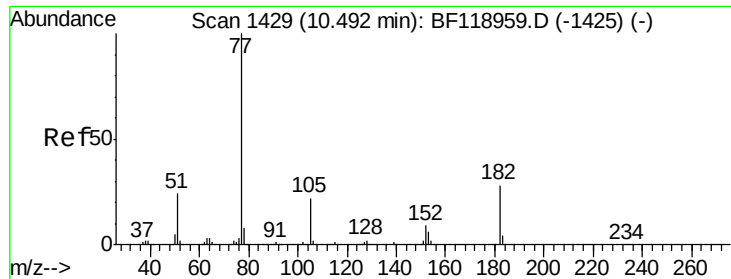
mohammad
3/16/2020 1:47:27 PM



#62
4-Nitroaniline
Concen: 37.226 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	162483		
92	47.5		27.3	67.3
108	85.1		57.0	97.0





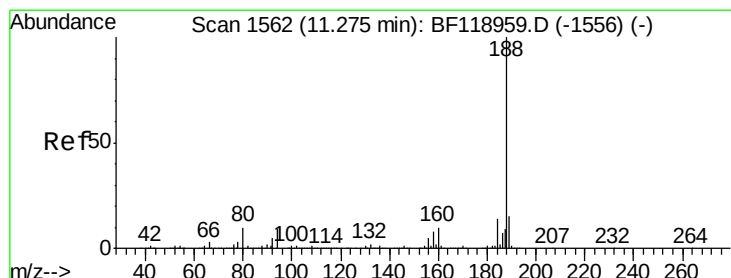
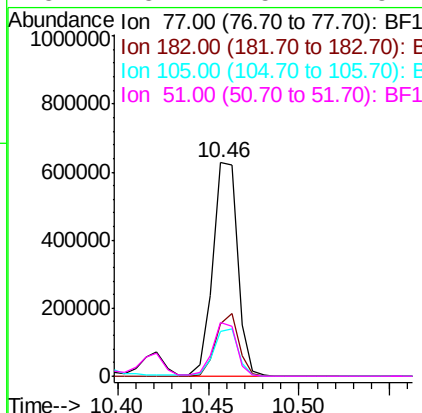
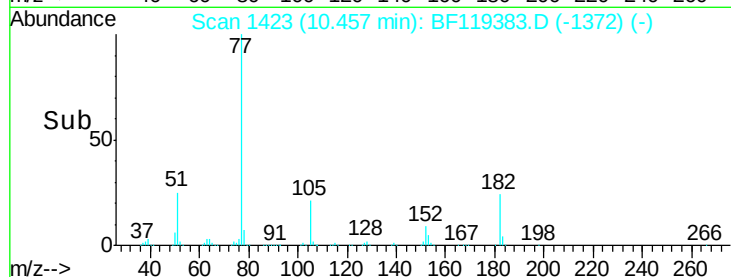
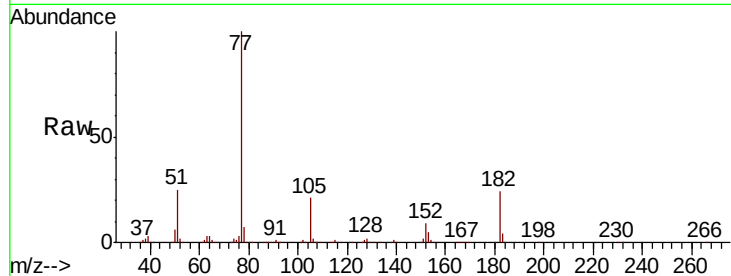
#63
Azobenzene
Concen: 42.046 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	11.4	51.4
105	20.9	3.4	43.4
51	25.4	5.1	45.1

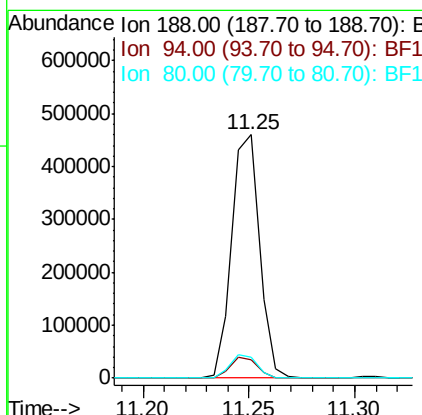
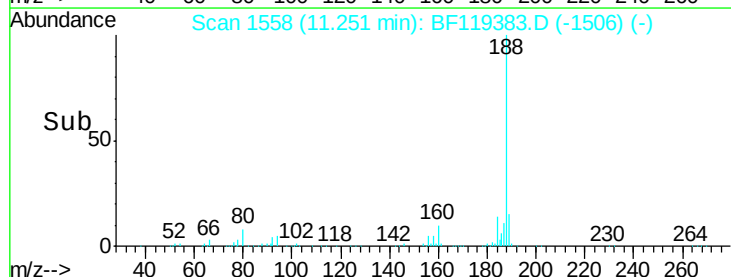
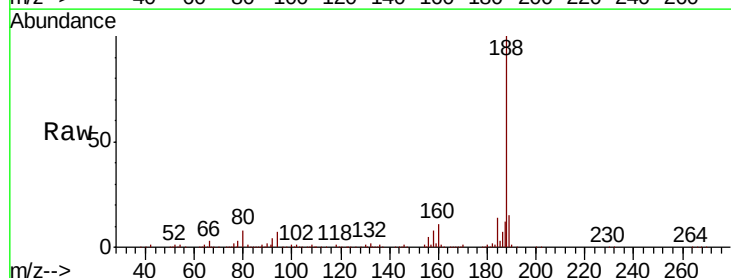
Manual Integrations
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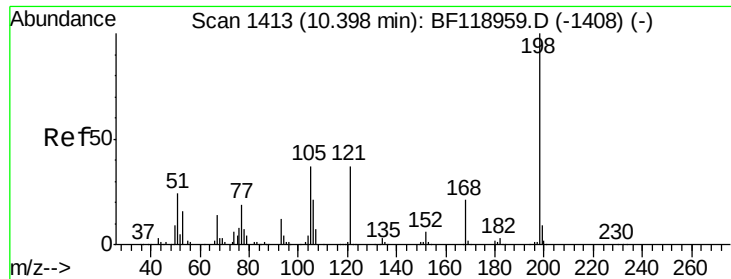
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.4	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 36.916 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 93590

Ion Ratio Lower Upper

198 100

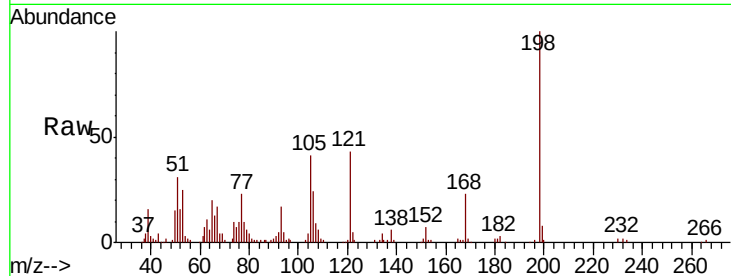
51 31.0 14.2 54.2

105 40.9 22.7 62.7

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

200000

150000

100000

50000

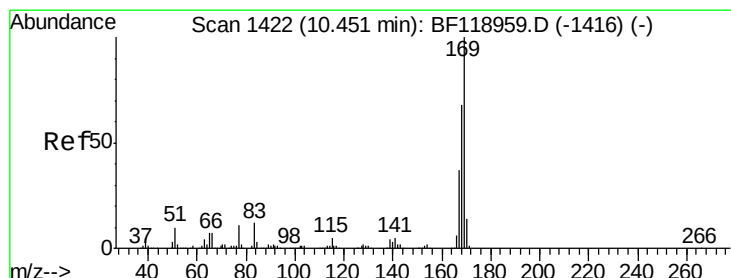
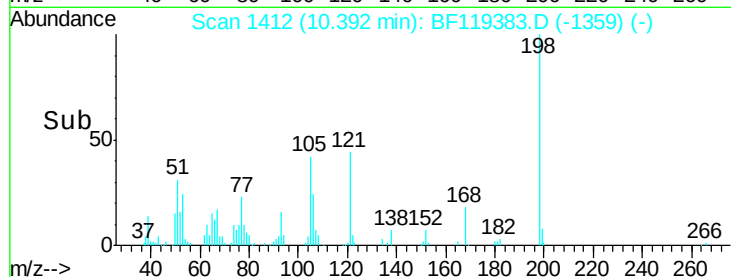
0

10.30

10.40

10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.539 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

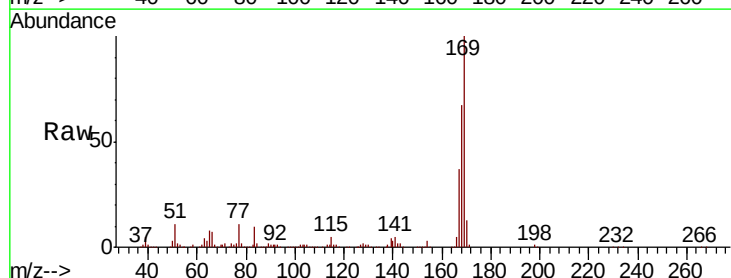
Tgt Ion:169 Resp: 542415

Ion Ratio Lower Upper

169 100

168 67.3 54.1 81.1

167 36.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

400000

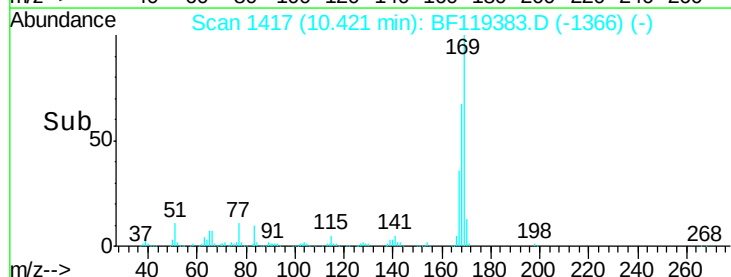
200000

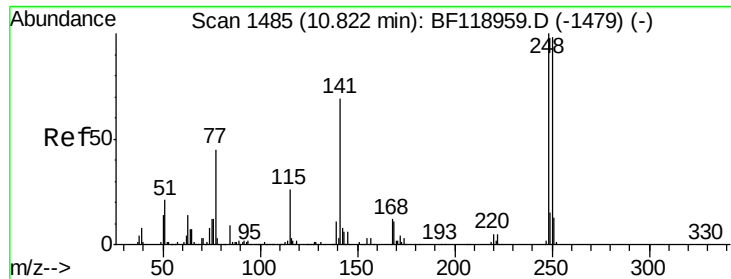
0

10.40

10.50

Time-->





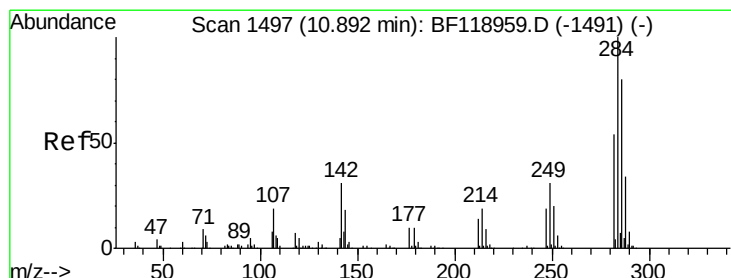
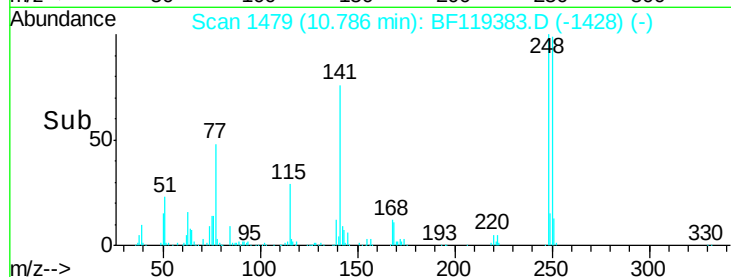
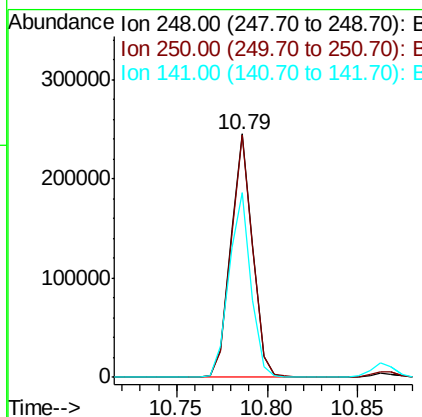
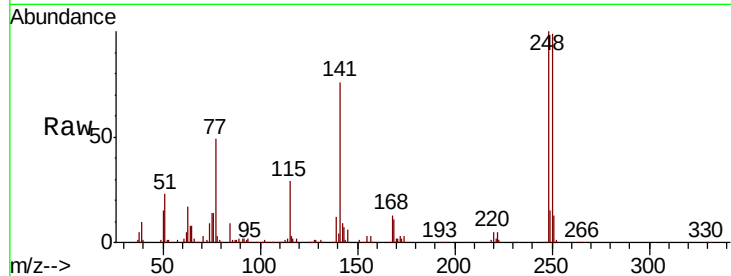
#67
4-Bromophenyl-phenylether
Concen: 37.660 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.7	115.1
141	75.8	60.7	91.1

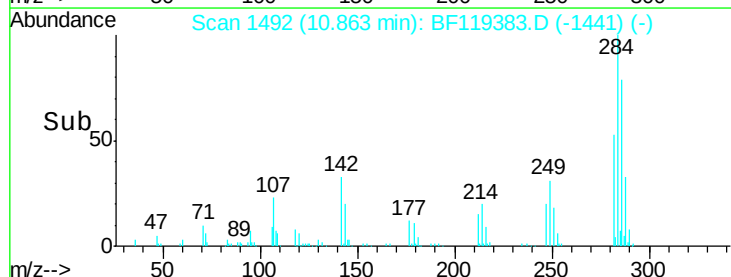
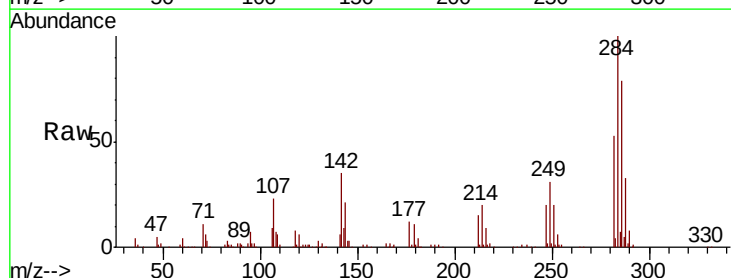
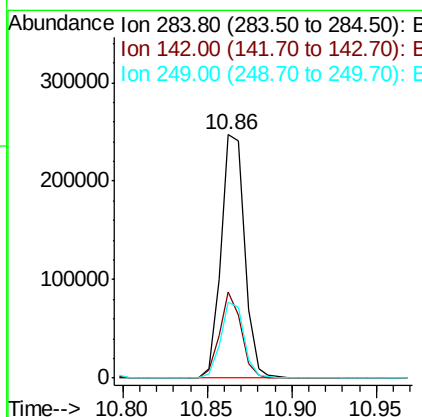
Manual Integrations
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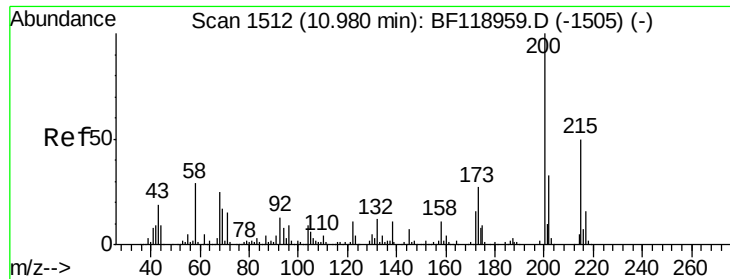
mohammad
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#68
Hexachlorobenzene
Concen: 38.267 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	23.7	35.5
249	31.4	25.0	37.6





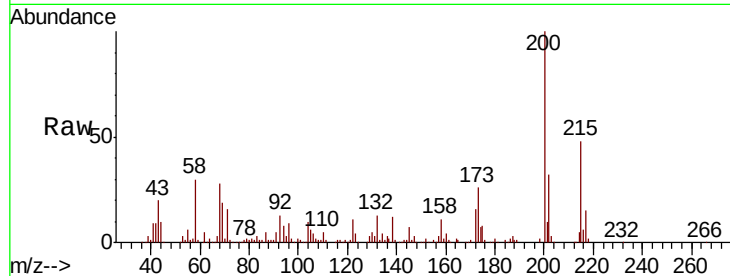
#69
Atrazine
Concen: 33.832 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.4	46.4
215	47.7	27.4	67.4

Manual Integrations
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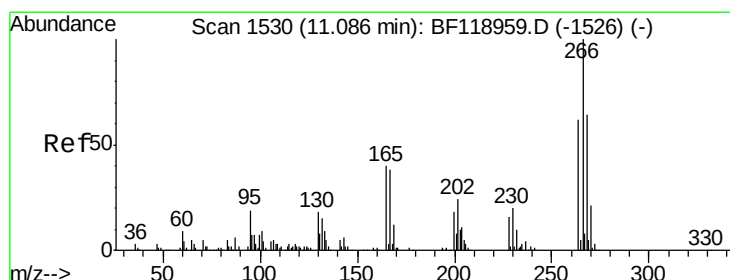
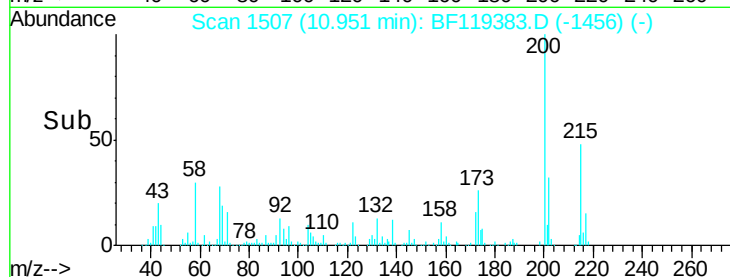
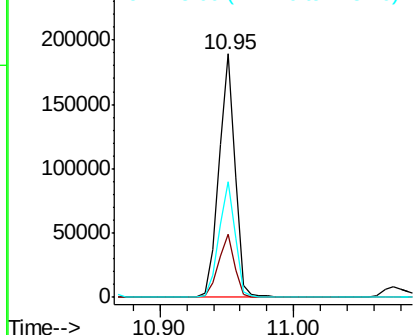


Abundance

Ion 200.00 (199.70 to 200.70): E

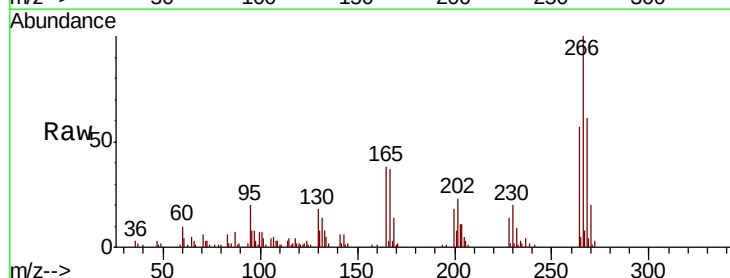
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 35.558 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.9	77.9
264	56.5	51.0	76.4

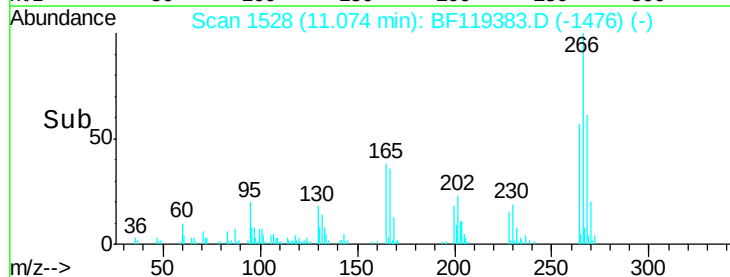
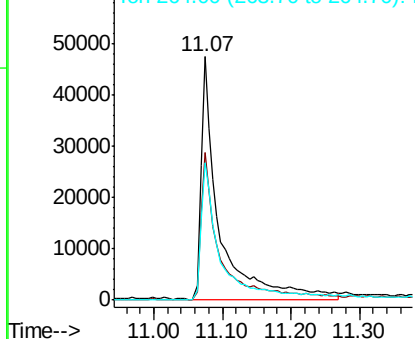


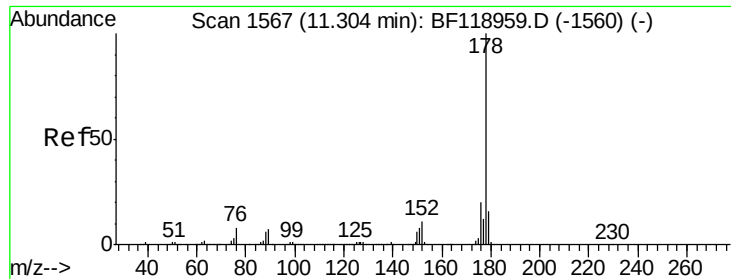
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





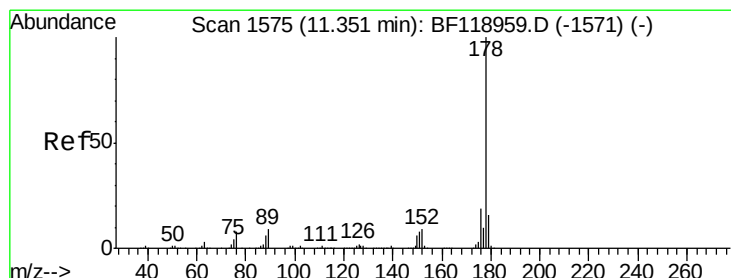
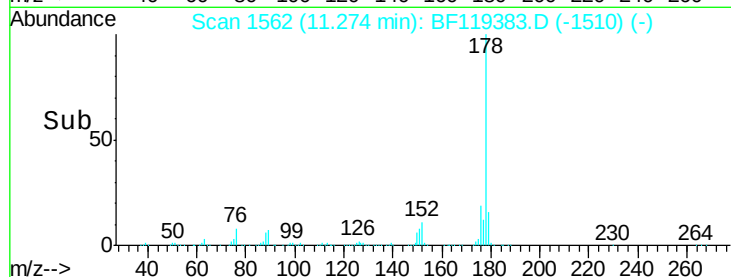
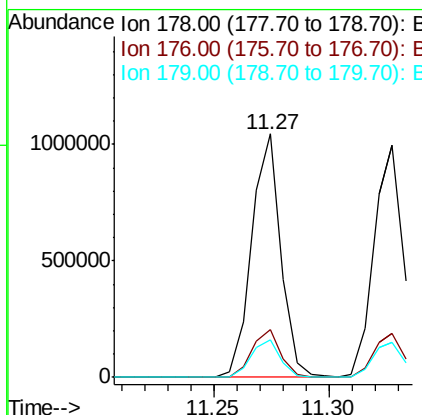
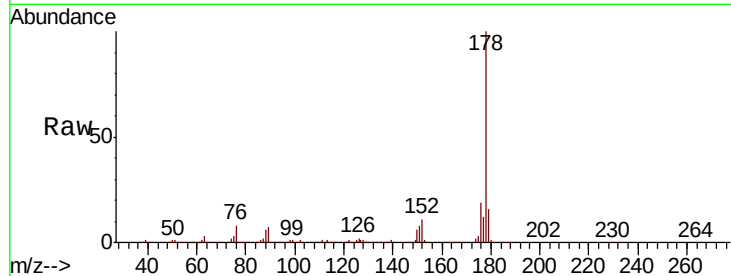
#71
Phenanthrene
Concen: 40.461 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	15.5	13.0	19.6

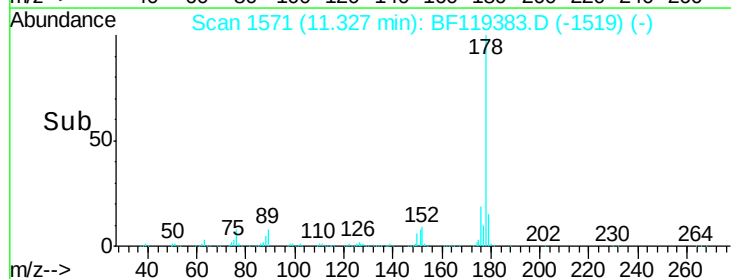
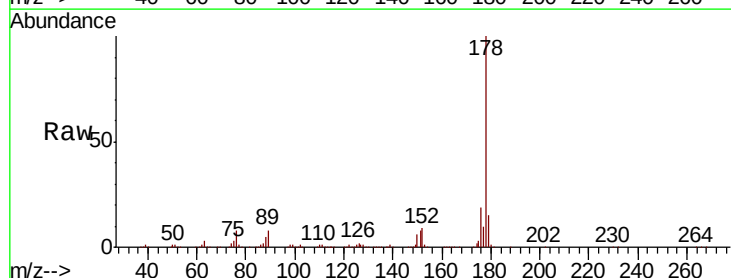
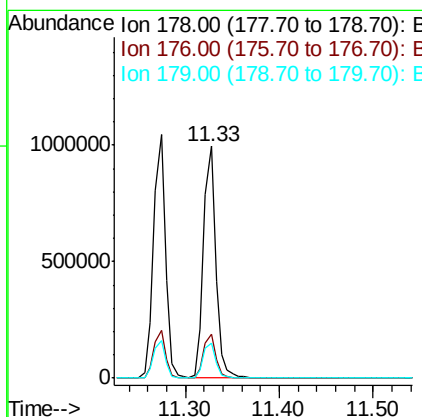
Manual Integrations
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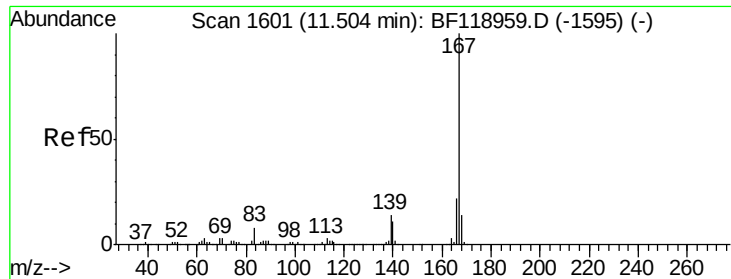
mohammad
3/16/2020 1:47:27 PM



#72
Anthracene
Concen: 40.357 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.2	13.1	19.7





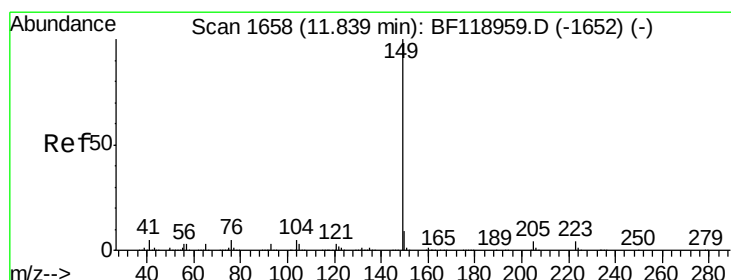
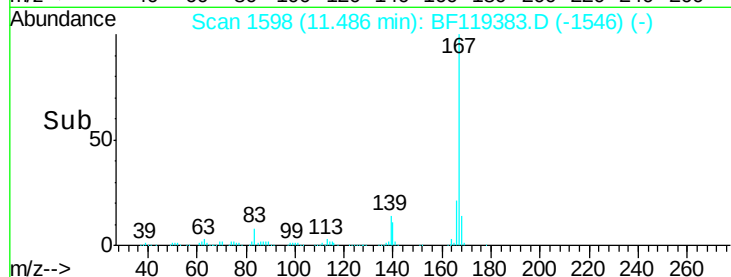
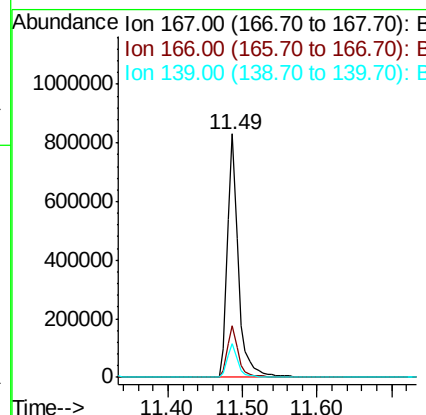
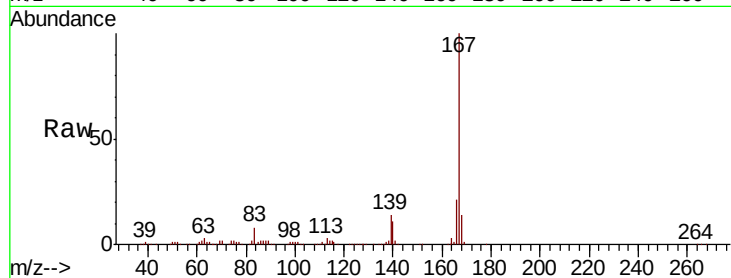
#73
 Carbazole
 Concen: 41.389 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	167	Resp:	841776
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.2	27.4
139	13.6	11.7	17.5

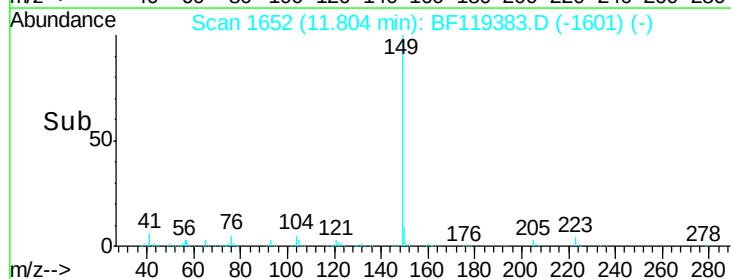
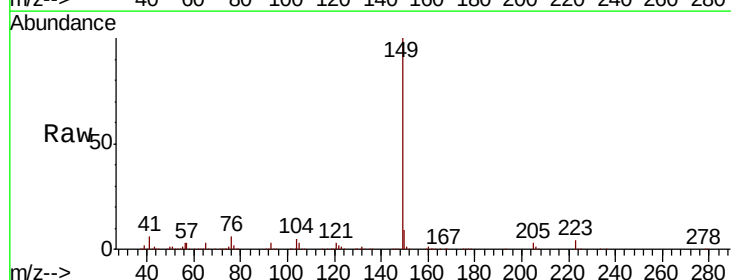
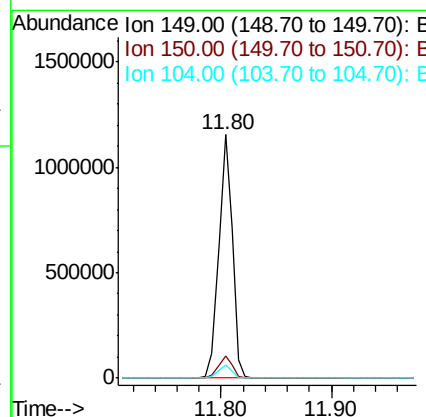
Manual Integrations
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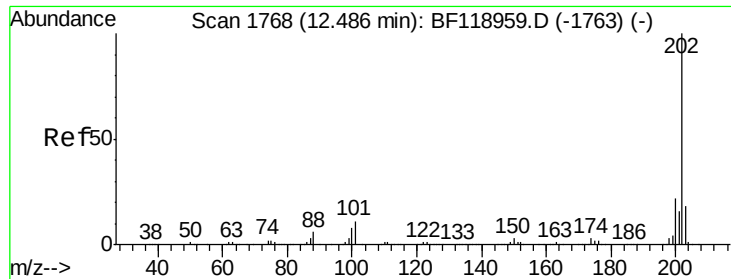
mohammad
 3/16/2020 1:47:27 PM



#74
 Di-n-butylphthalate
 Concen: 39.358 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion:	149	Resp:	969364
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.9	11.9
104	5.4	4.6	6.8





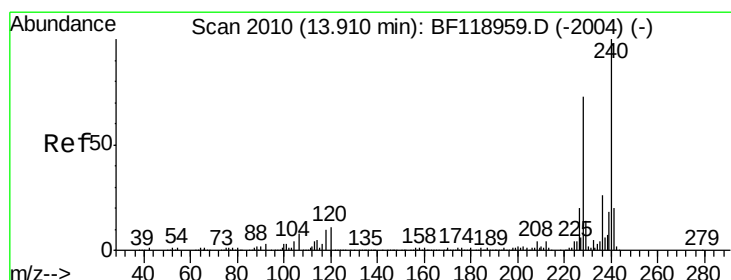
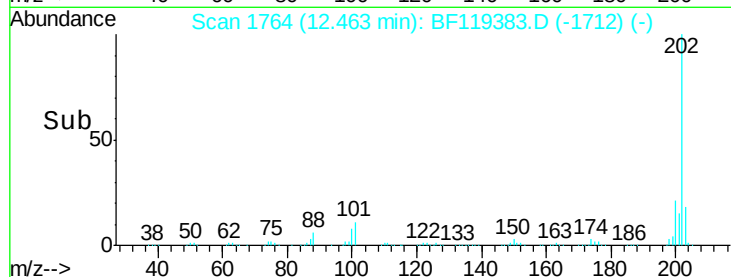
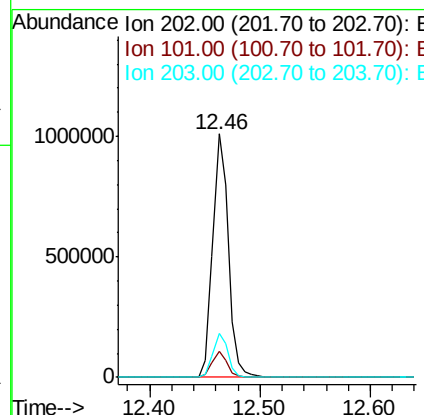
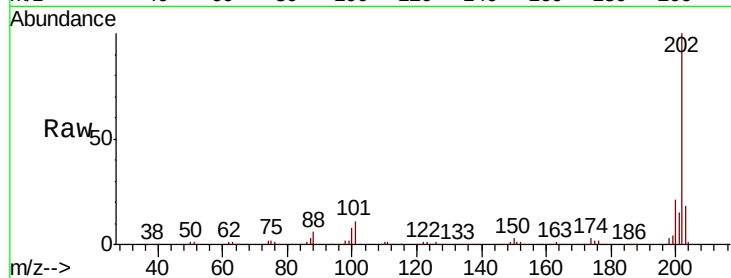
#75
Fluoranthene
Concen: 39.784 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	30.3
203	17.8	0.0	38.4

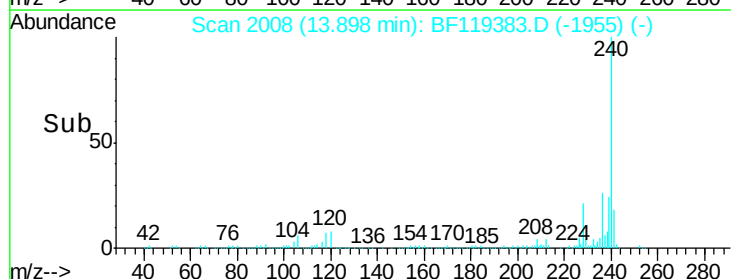
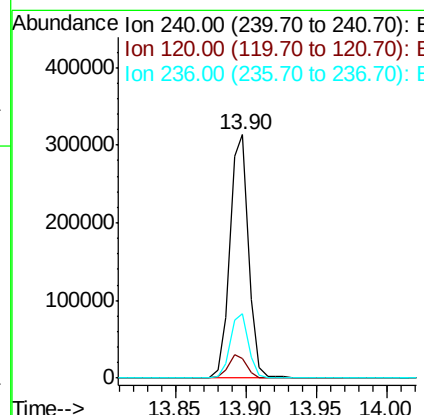
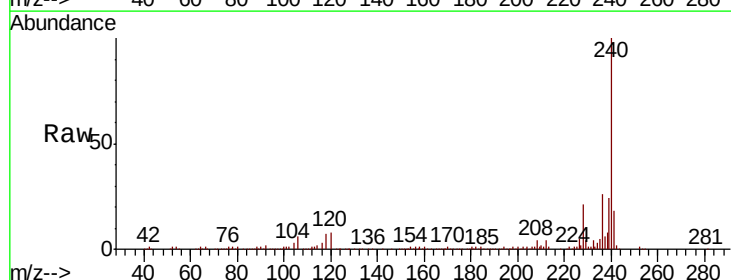
Manual Integrations
APPROVED

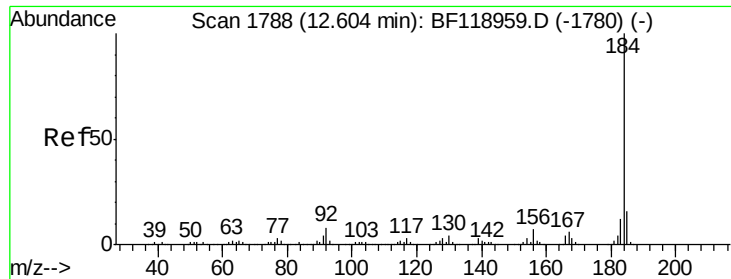
mohammad
3/16/2020 1:47:27 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.1	8.4	12.6#
236	26.3	21.0	31.4





#77

Benzidine

Concen: 37.791 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

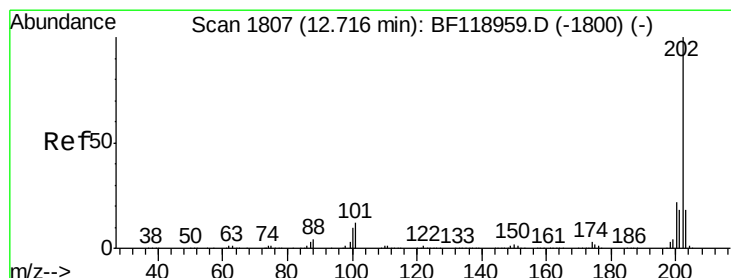
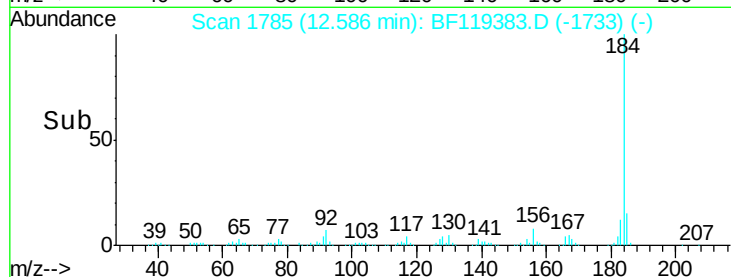
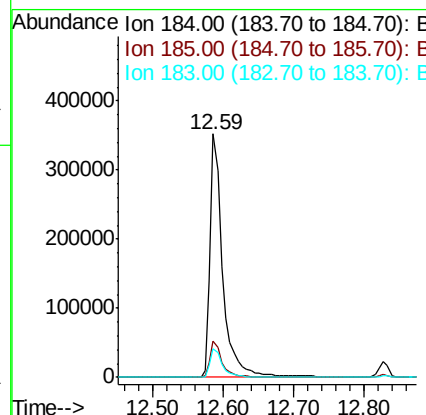
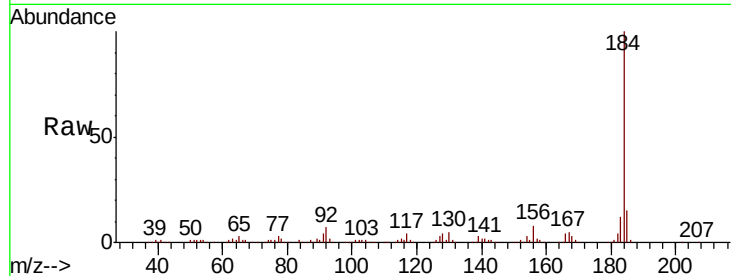
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	440657
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.4
183	11.9	9.9	14.9

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#78

Pyrene

Concen: 43.111 ng

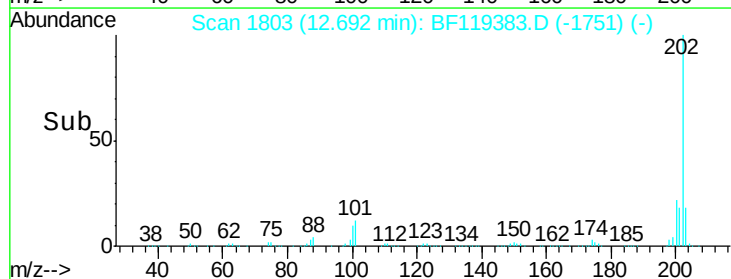
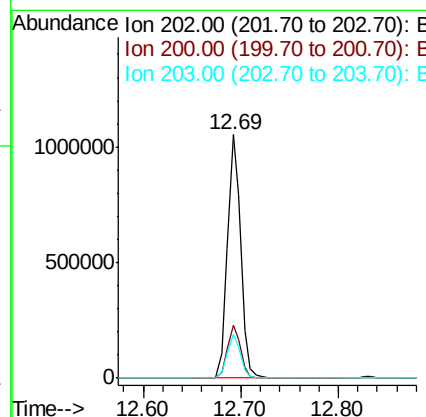
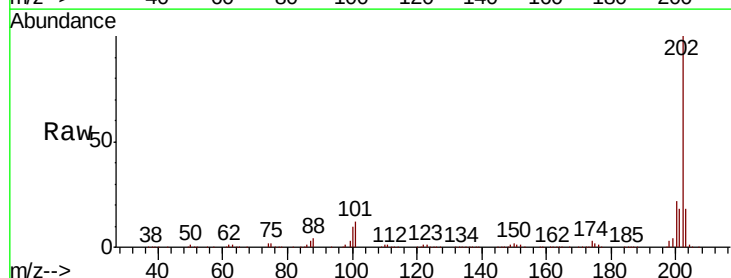
RT: 12.69 min Scan# 1803

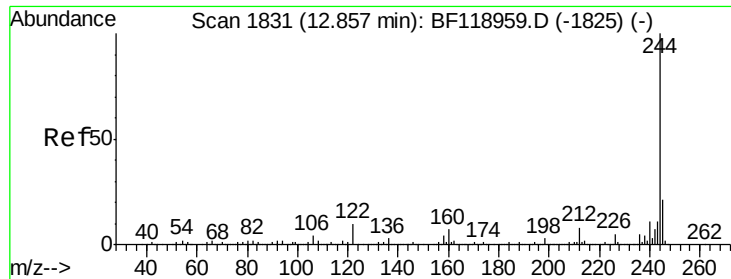
Delta R.T. 0.01 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion:	202	Resp:	992537
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.0	27.0
203	17.9	14.6	22.0





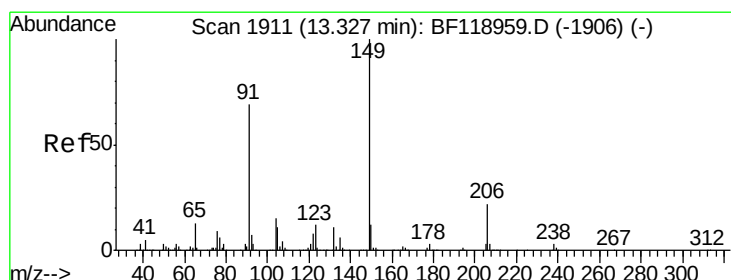
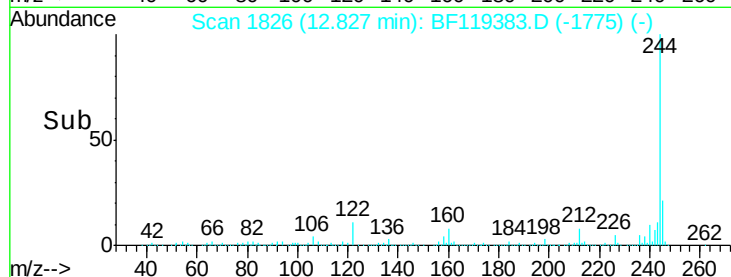
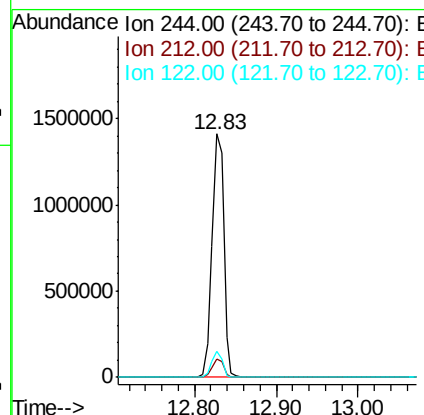
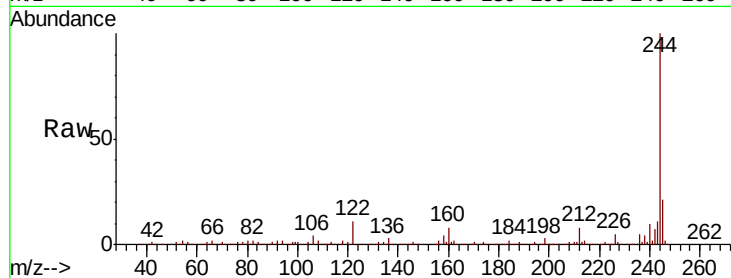
#79
 Terphenyl-d14
 Concen: 84.299 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	10.7	8.2	12.2

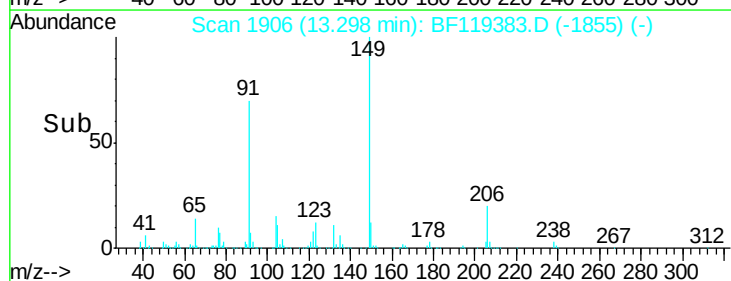
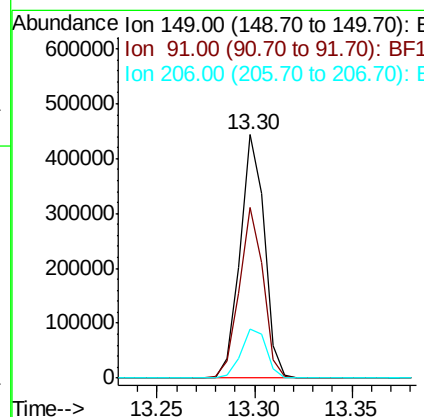
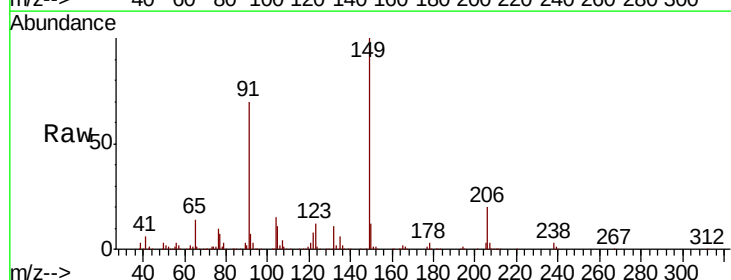
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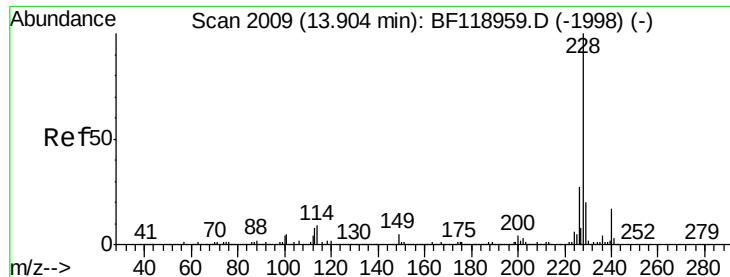
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.725 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	52.3	78.5
206	20.2	18.5	27.7





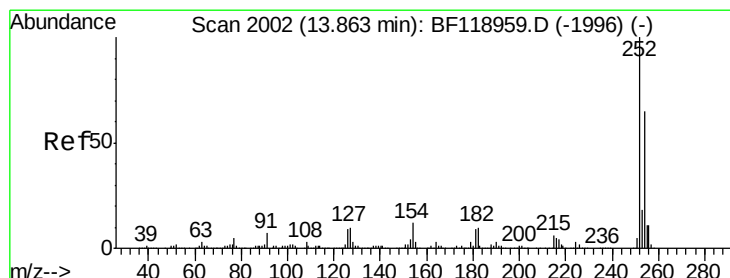
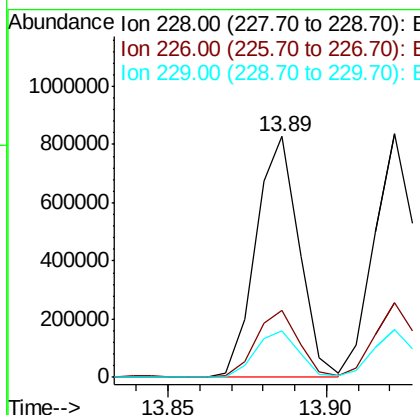
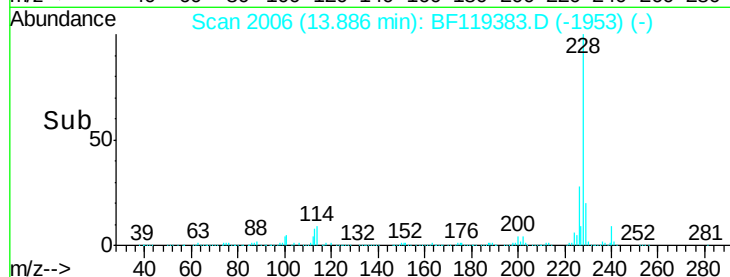
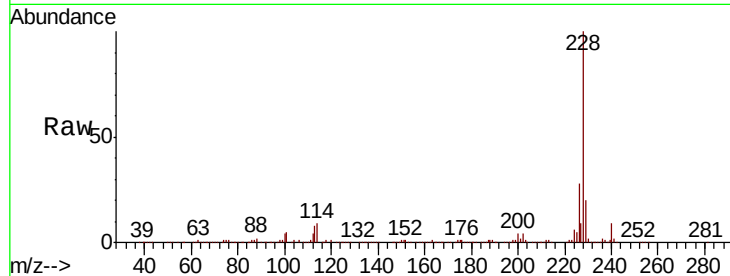
#81
Benzo(a)anthracene
Concen: 40.031 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.6	16.6	24.8

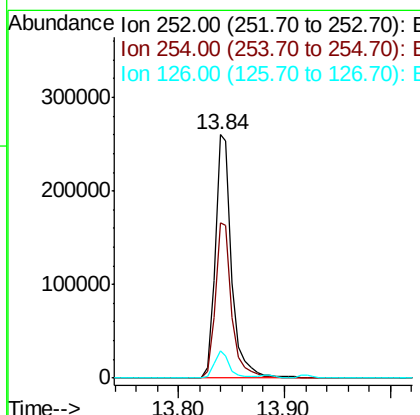
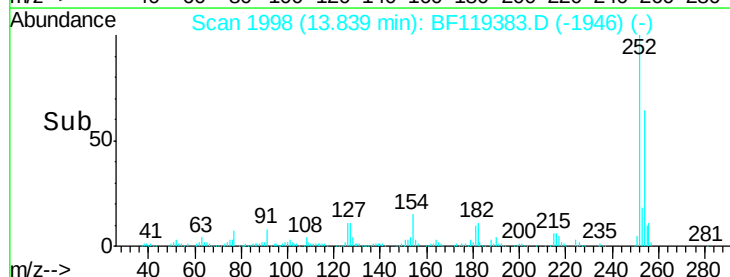
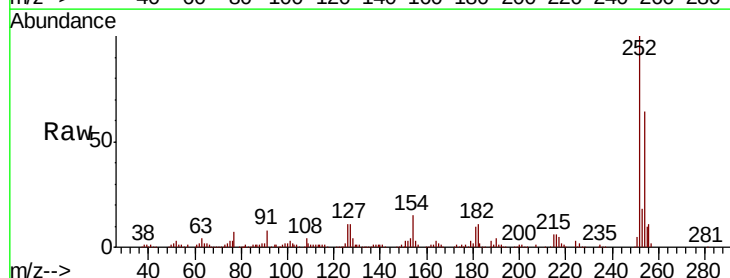
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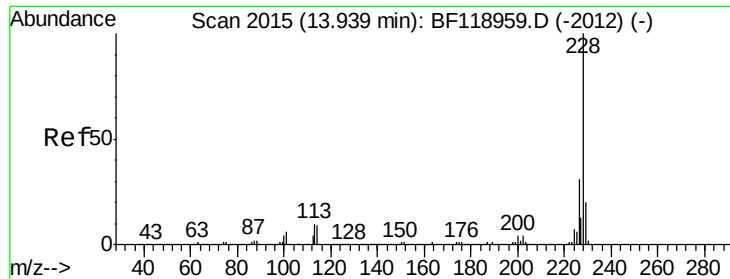
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#82
3,3'-Dichlorobenzidine
Concen: 38.127 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.6	77.4
126	11.4	7.4	11.0





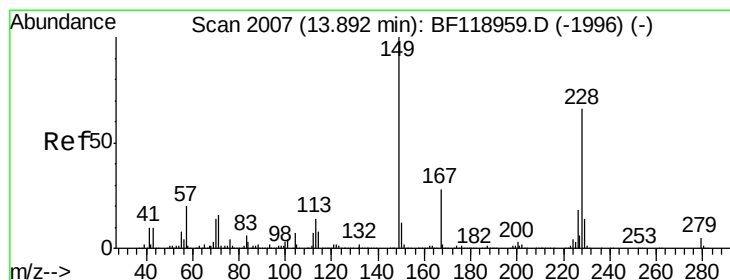
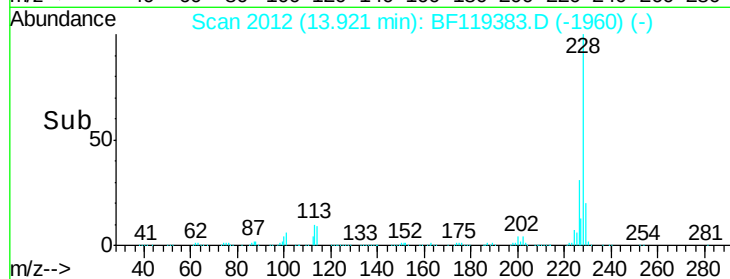
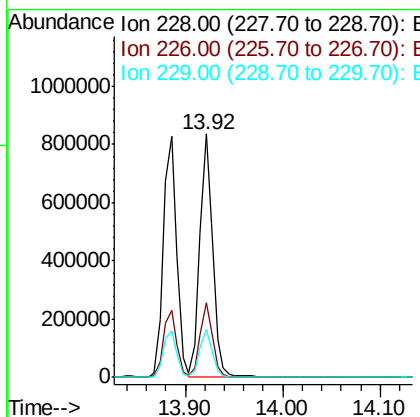
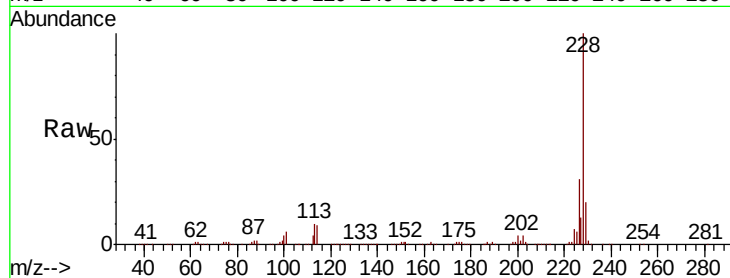
#83
 Chrysene
 Concen: 39.469 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.1	37.7
229	19.8	16.3	24.5

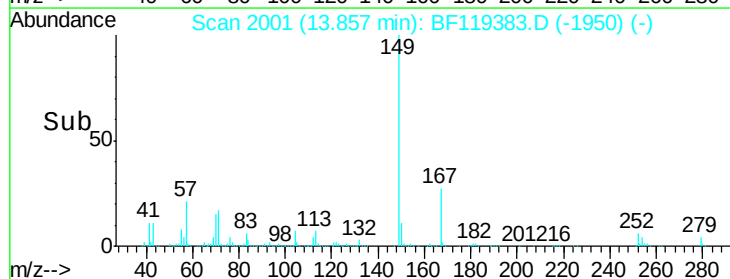
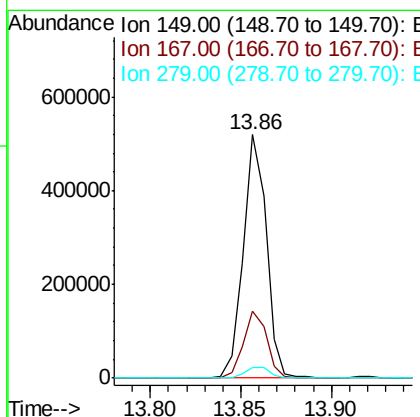
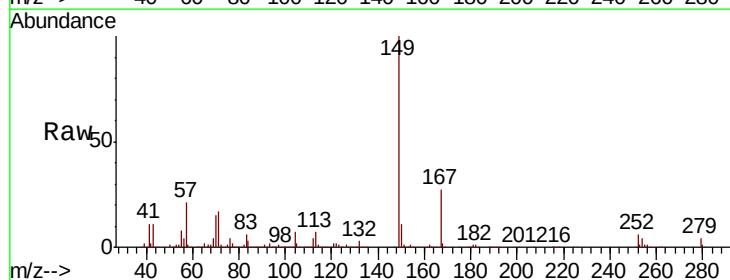
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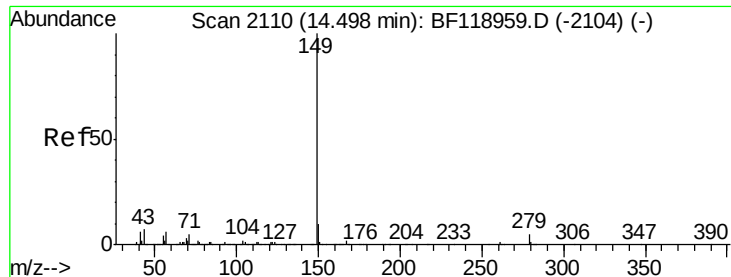
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.599 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119383.D
 Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.8	34.2
279	4.5	4.6	6.8





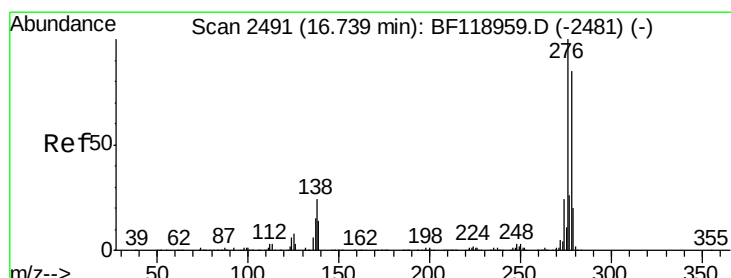
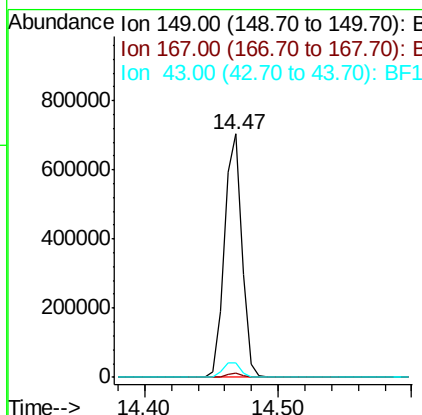
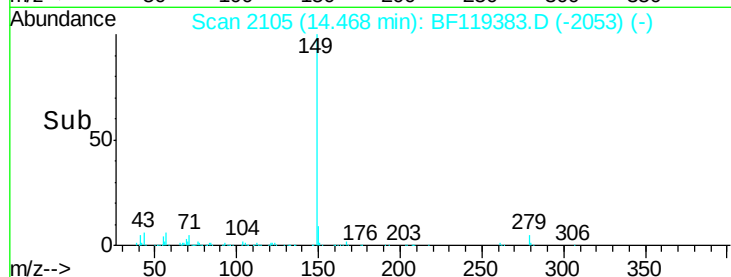
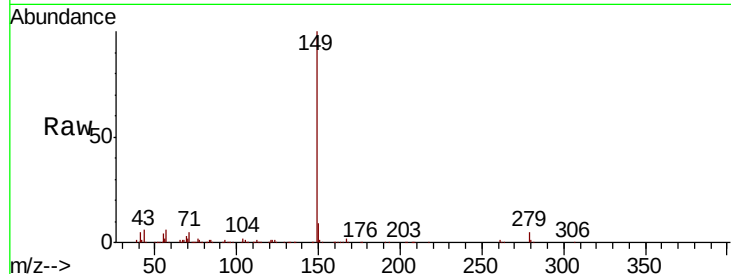
#85
Di-n-octyl phthalate
Concen: 33.606 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	655473		
167	1.6		1.3	1.9
43	6.7		5.7	8.5

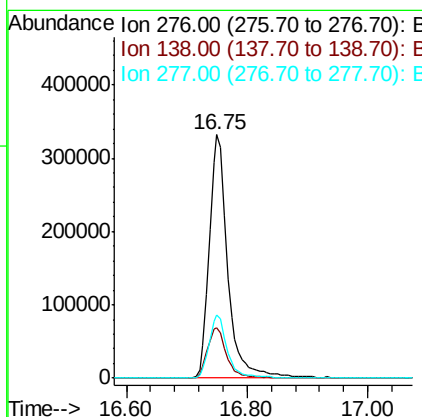
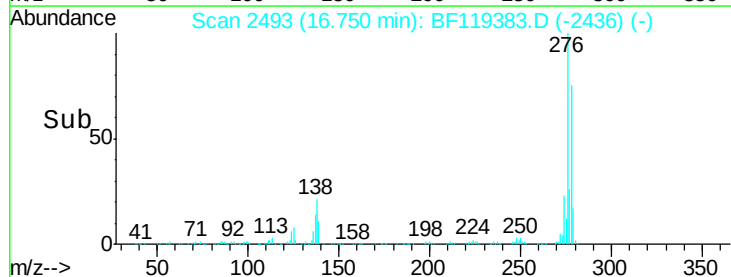
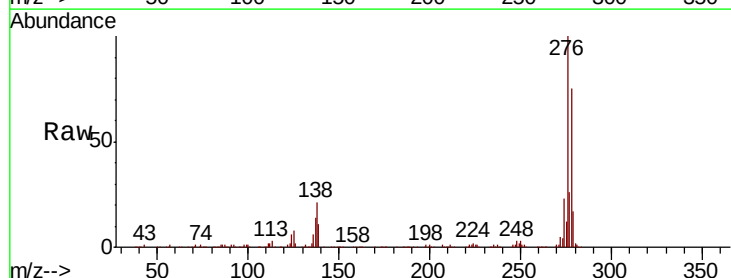
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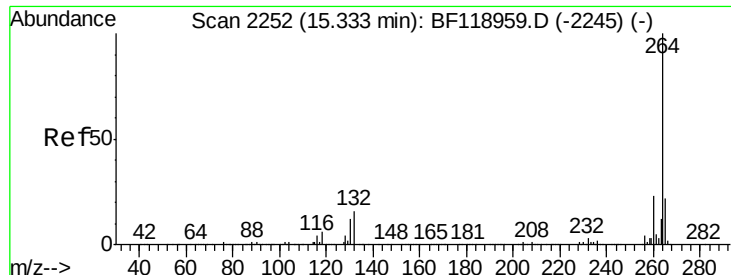
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.556 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	707867		
138	21.7		17.4	26.0
277	25.6		20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Instrument :

BNA_F

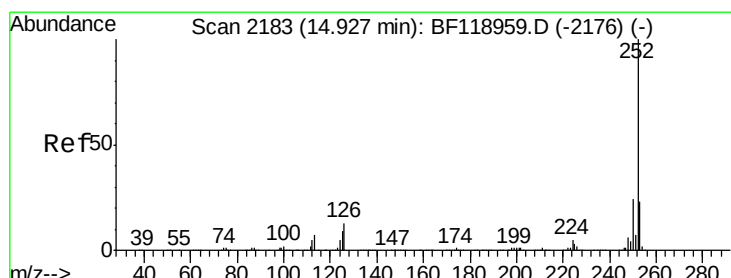
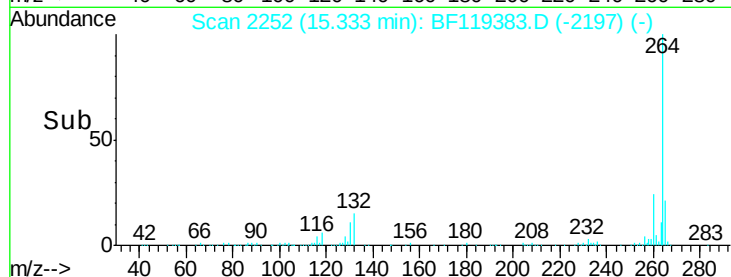
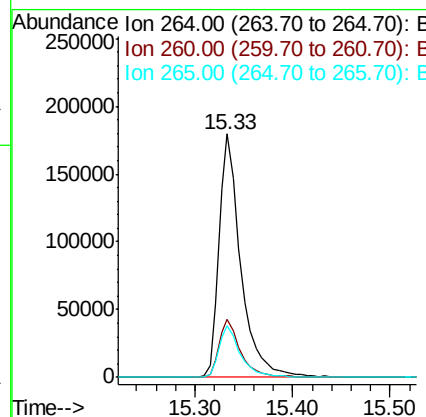
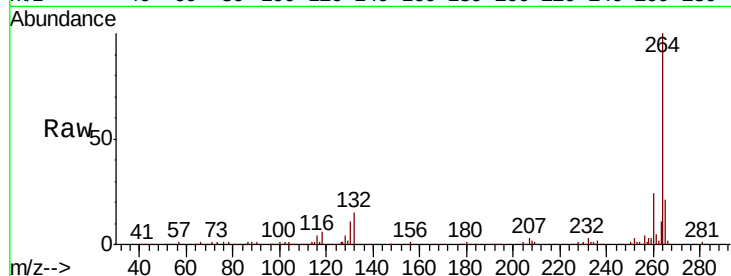
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.1	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 39.679 ng

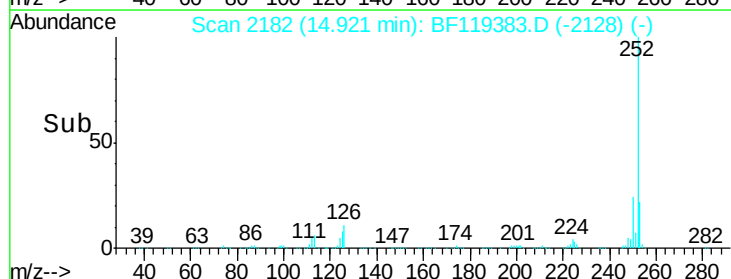
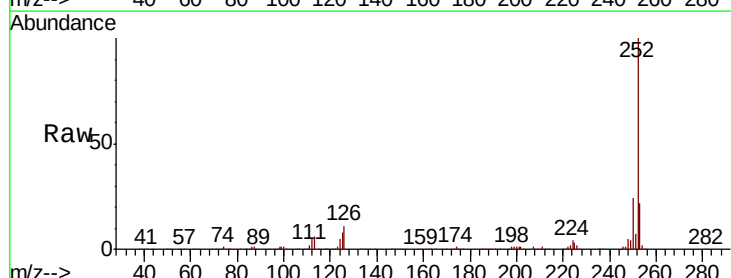
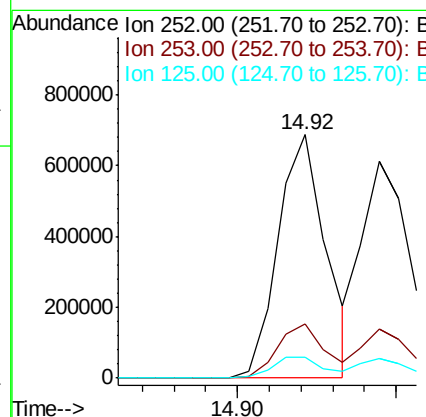
RT: 14.92 min Scan# 2182

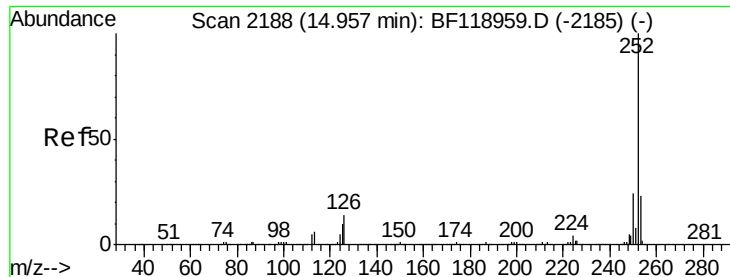
Delta R.T. 0.02 min

Lab File: BF119383.D

Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	8.4	7.4	11.0





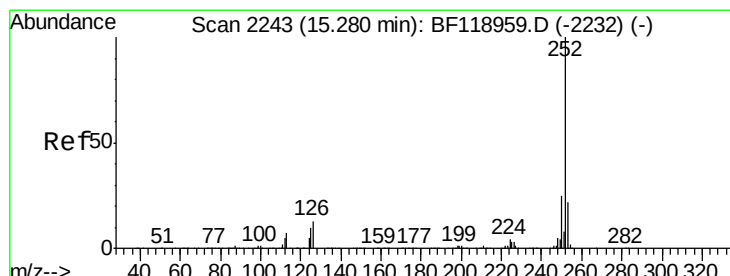
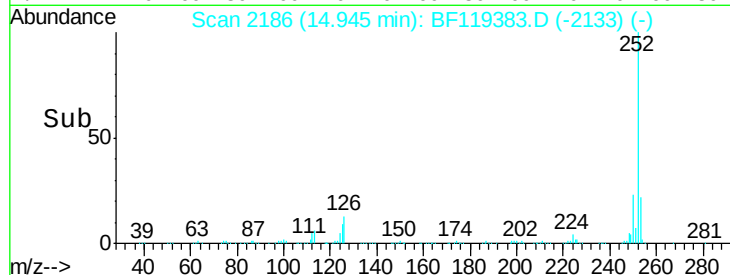
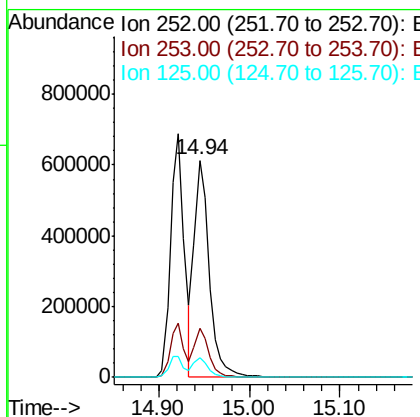
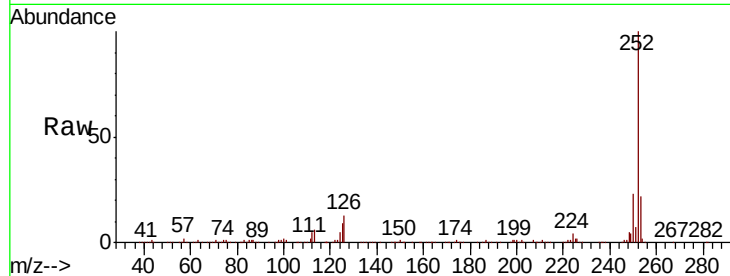
#89
Benzo(k)fluoranthene
Concen: 41.455 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.2	7.5	11.3

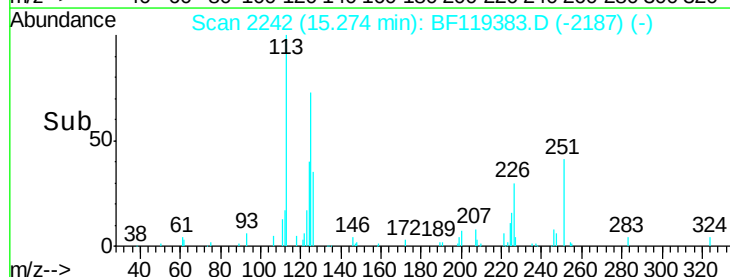
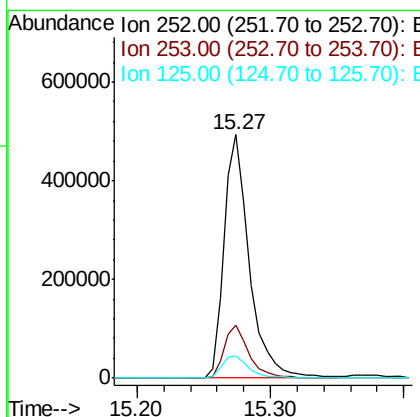
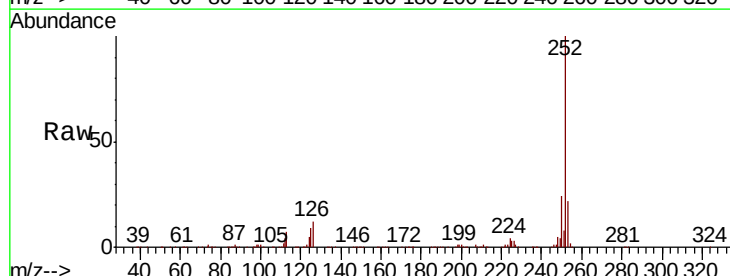
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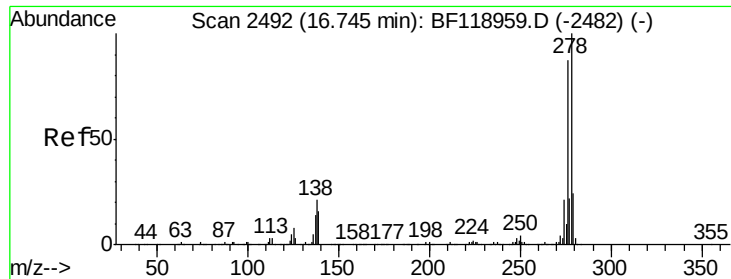
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#90
Benzo(a)pyrene
Concen: 39.887 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.3	8.6	12.8





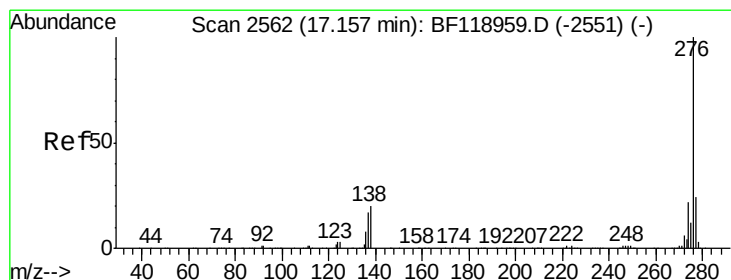
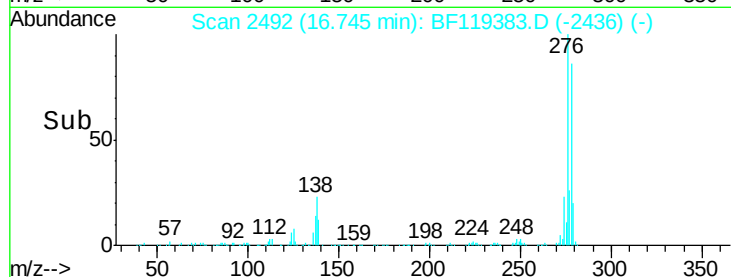
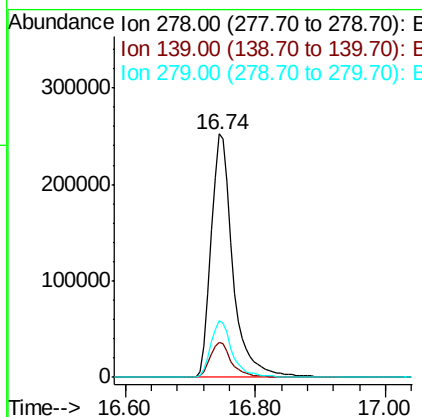
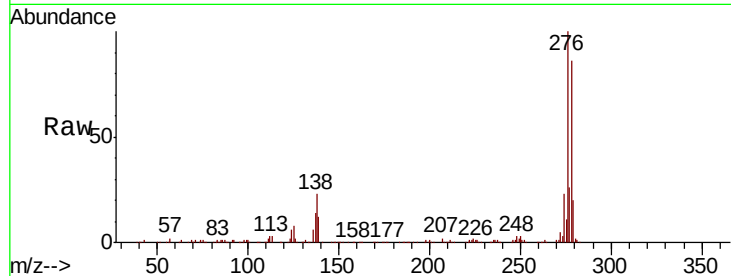
#91
Dibenzo(a,h)anthracene
Concen: 40.374 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.03 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.0	16.4
279	23.4	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 40.322 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF119383.D
Acq: 12 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.8	14.3	21.5

