

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120022.D
 Acq On : 16 Apr 2020 5:07
 Operator : MA/SJ
 Sample : L2261-04MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:53:10 PM

Quant Time: Apr 16 08:09:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137130	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	557297	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	318977	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	598309	20.00	ng	0.00
76) Chrysene-d12	13.90	240	359523	20.00	ng	0.00
87) Perylene-d12	15.32	264	292968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	410145	51.69	ng	0.00
7) Phenol-d6	6.36	99	330911	32.36	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1093214	101.48	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	325367	83.31	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2016101	89.74	ng	0.00
79) Terphenyl-d14	12.85	244	2206342	103.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	67428	19.079	ng	98
3) Pyridine	3.12	79	128370	13.239	ng	96
4) n-Nitrosodimethylamine	3.06	42	110909	22.386	ng	96
6) Aniline	6.39	93	209631	15.621	ng	98
8) 2-Chlorophenol	6.51	128	402960	45.451	ng	98
9) Benzaldehyde	6.27	77	240448	47.481	ng	99
10) Phenol	6.37	94	204618	17.640	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	486302	54.297	ng	99
12) 1,3-Dichlorobenzene	6.66	146	390271	40.208	ng	99
13) 1,4-Dichlorobenzene	6.74	146	426127	43.098	ng	99
14) 1,2-Dichlorobenzene	6.90	146	425013	46.642	ng	97
15) Benzyl Alcohol	6.87	79	296005	37.274	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	939749	53.921	ng	97
17) 2-Methylphenol	6.99	107	294296	37.196	ng	94
18) Hexachloroethane	7.24	117	153707	41.597	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	401202	61.020	ng	99
20) 3+4-Methylphenols	7.15	107	324956	33.581	ng	95
22) Acetophenone	7.14	105	755277	57.875	ng	# 96
24) Nitrobenzene	7.32	77	583235	53.820	ng	97
25) Isophorone	7.55	82	1055309	50.819	ng	99
26) 2-Nitrophenol	7.63	139	263698	48.707	ng	98
27) 2,4-Dimethylphenol	7.67	122	373475	45.739	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	656587	53.732	ng	100
29) 2,4-Dichlorophenol	7.87	162	387938	46.350	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	382131	40.294	ng	97
31) Naphthalene	8.03	128	1325681	45.213	ng	99
32) Benzoic acid	7.77	122	107758m	15.026	ng	
33) 4-Chloroaniline	8.09	127	180458	14.137	ng	97
34) Hexachlorobutadiene	8.15	225	189149	33.319	ng	98
35) Caprolactam	8.47	113	23196m	9.060	ng	
36) 4-Chloro-3-methylphenol	8.57	107	402855	44.458	ng	95
37) 2-Methylnaphthalene	8.73	142	930022	46.785	ng	99
38) 1-Methylnaphthalene	8.83	142	904006	48.248	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	433591	43.038	ng	100

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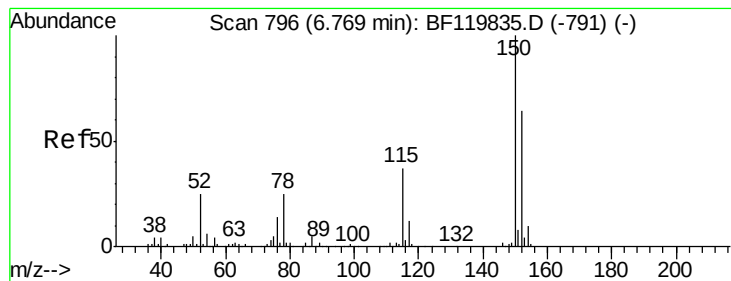
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	392204	68.461	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	301865	43.390	nq	100
44) 2,4,5-Trichlorophenol	9.05	196	319306	40.750	nq	98
46) 1,1'-Biphenyl	9.19	154	1204330	44.732	nq	98
47) 2-Chloronaphthalene	9.22	162	931969	44.935	nq	97
48) 2-Nitroaniline	9.32	65	331487	44.104	nq	95
49) Acenaphthylene	9.63	152	1566364	49.659	nq	100
50) Dimethylphthalate	9.50	163	1401488	56.804	nq	99
51) 2,6-Dinitrotoluene	9.56	165	280501	51.917	nq	90
52) Acenaphthene	9.80	154	1152731m	54.786	nq	
53) 3-Nitroaniline	9.73	138	129028	20.910	nq	100
54) 2,4-Dinitrophenol	9.84	184	265318	82.023	nq	96
55) Dibenzofuran	9.98	168	1477656	51.177	nq	100
56) 4-Nitrophenol	9.90	139	153688	33.474	nq	96
57) 2,4-Dinitrotoluene	9.96	165	363793	51.107	nq	94
58) Fluorene	10.32	166	1147707	49.703	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	292830	48.863	nq	98
60) Diethylphthalate	10.20	149	1317930	51.539	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	555168	46.908	nq	98
62) 4-Nitroaniline	10.35	138	203679	34.636	nq	99
63) Azobenzene	10.47	77	1205142	52.588	nq	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	181657	46.086	nq	88
66) n-Nitrosodiphenylamine	10.44	169	1034214	51.976	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	347882	46.755	nq	96
68) Hexachlorobenzene	10.87	284	374506	49.616	nq	98
69) Atrazine	10.97	200	306690	55.397	nq	96
70) Pentachlorophenol	11.07	266	386178	88.780	nq	99
71) Phenanthrene	11.28	178	1647019	51.724	nq	98
72) Anthracene	11.33	178	1671189	51.375	nq	99
73) Carbazole	11.49	167	1489597	48.424	nq	98
74) Di-n-butylphthalate	11.83	149	2105160	52.057	nq	100
75) Fluoranthene	12.47	202	1722501	50.134	nq	98
78) Pyrene	12.70	202	1704868	56.251	nq	99
80) Butylbenzylphthalate	13.32	149	776562	52.803	nq	98
81) Benzo(a)anthracene	13.89	228	1202890	50.859	nq	99
83) Chrysene	13.93	228	1266180	52.687	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1034207	51.929	nq	99
85) Di-n-octyl phthalate	14.50	149	1620726	47.795	nq	100
86) Indeno(1,2,3-cd)pyrene	16.71	276	1129009	53.295	nq	99
88) Benzo(b)fluoranthene	14.92	252	1091332	51.782	nq	99
89) Benzo(k)fluoranthene	14.94	252	1013264	55.722	nq	99
90) Benzo(a)pyrene	15.26	252	899809	50.779	nq	100
91) Dibenzo(a,h)anthracene	16.73	278	925272	58.948	nq	99
92) Benzo(g,h,i)perylene	17.13	276	944705	60.973	nq	98

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



#1

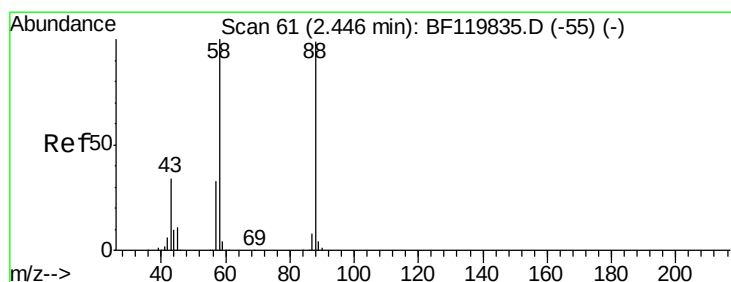
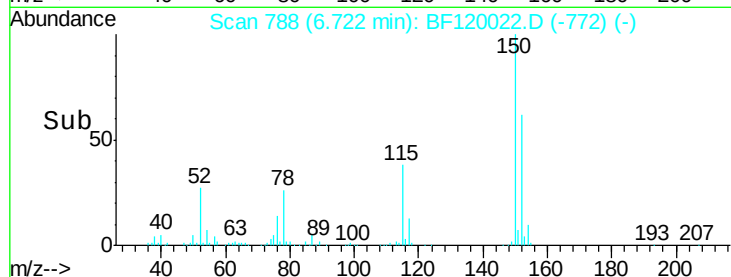
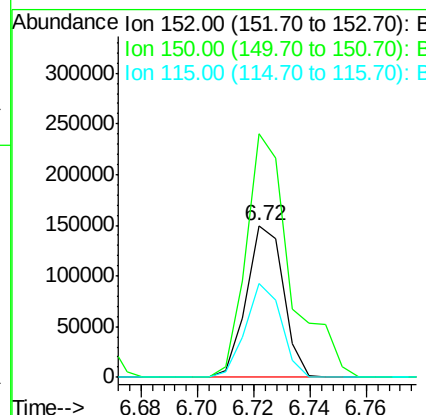
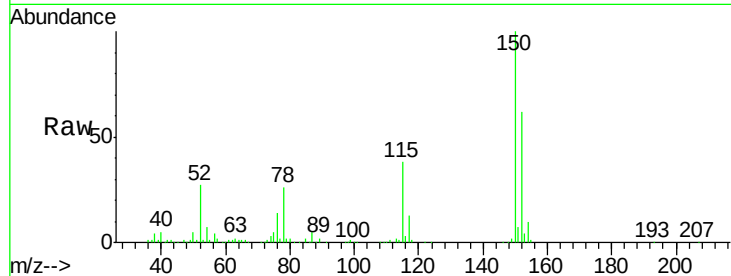
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.8	187.2
115	61.5	46.5	69.7

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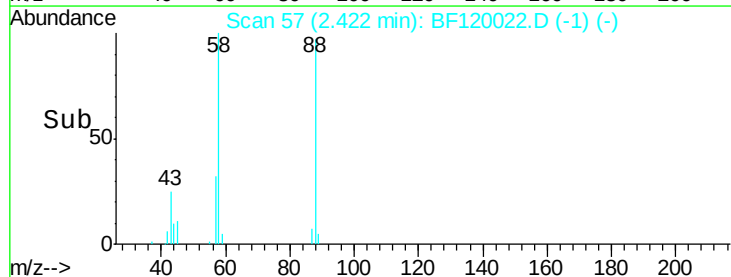
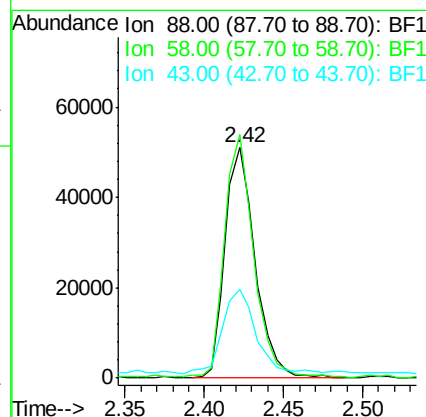
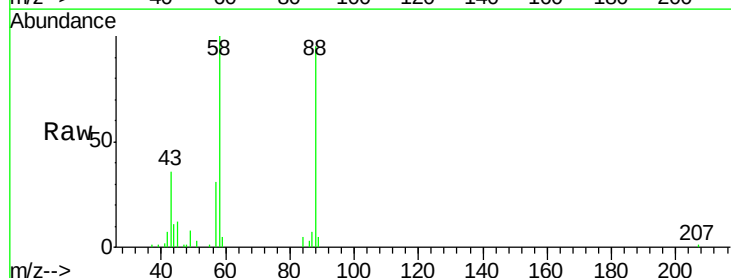
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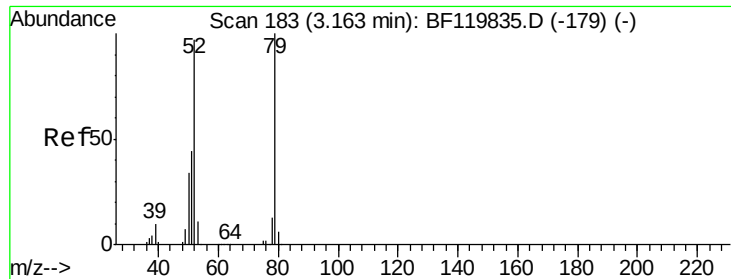


#2

1,4-Dioxane
Concen: 19.079 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.05 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.5	82.6	123.8
43	39.9	28.6	42.8





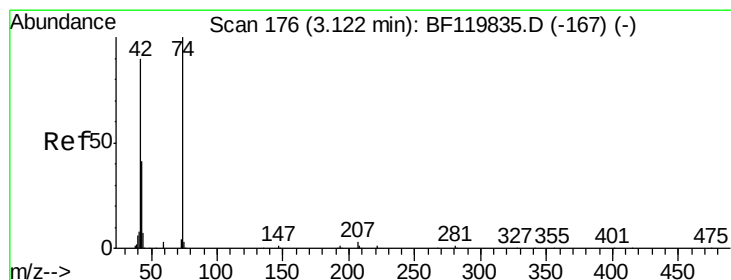
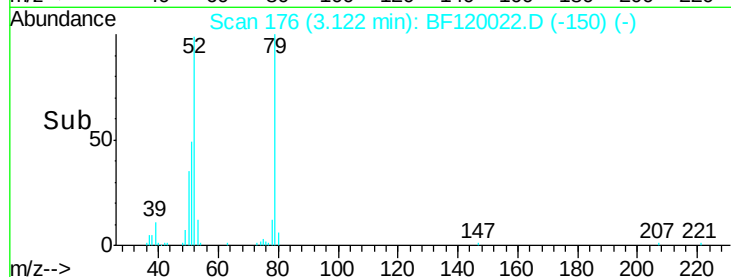
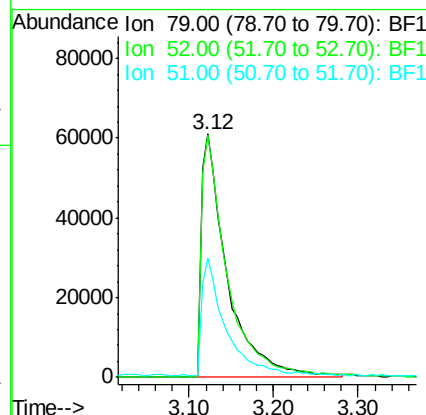
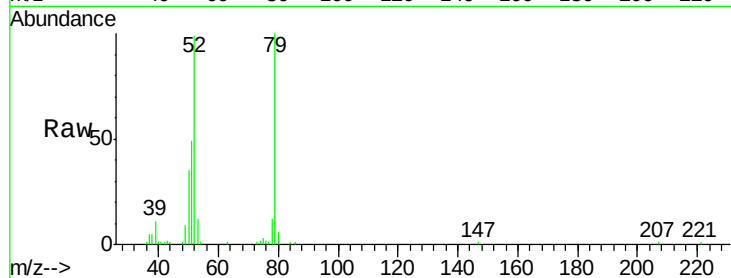
#3
 Pvridine
 Concen: 13.239 ng
 RT: 3.12 min Scan# 176
 Delta R.T. 0.05 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	99.4	77.4	116.0	
51	49.1	35.3	52.9	

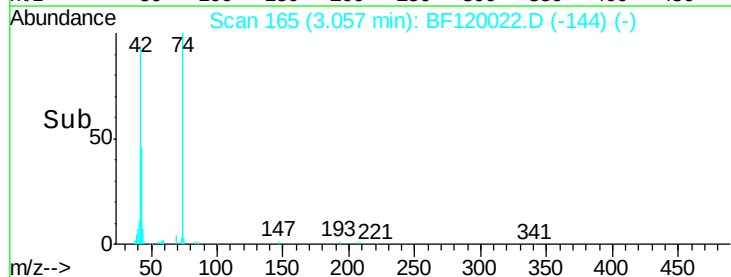
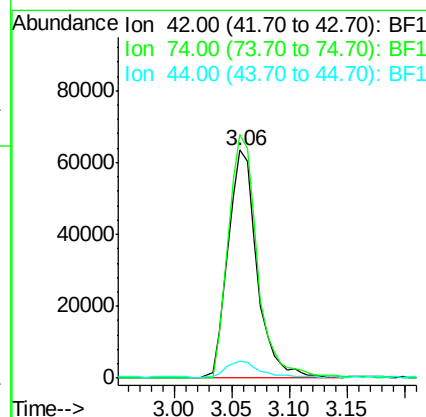
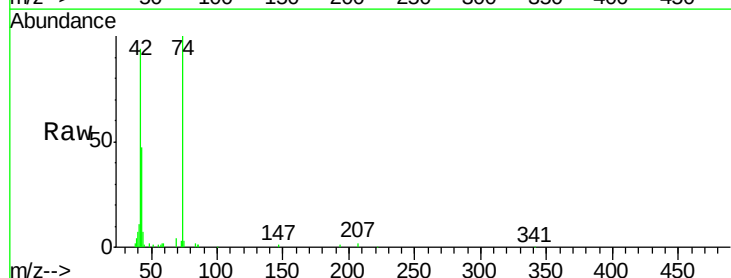
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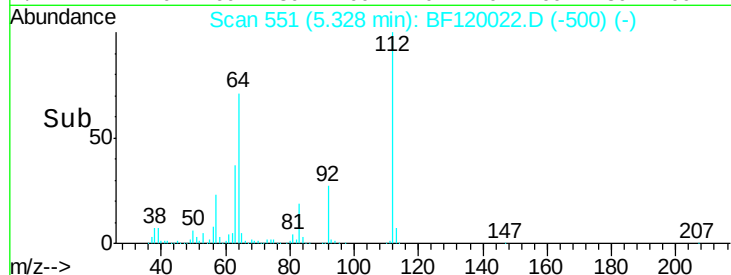
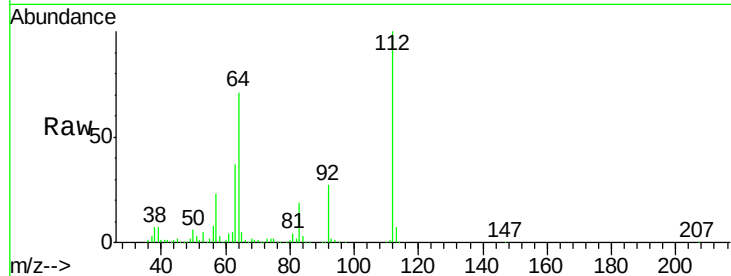
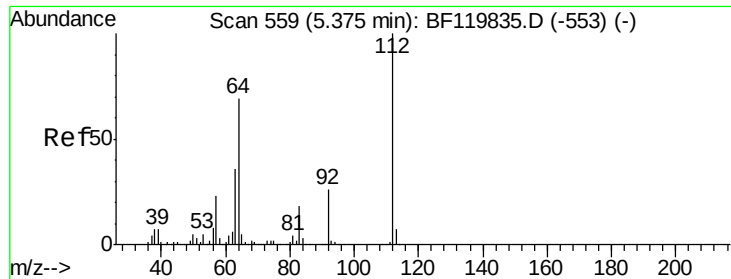
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#4
 n-Nitrosodimethylamine
 Concen: 22.386 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.02 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	106.9	89.0	133.4	
44	7.4	6.2	9.4	





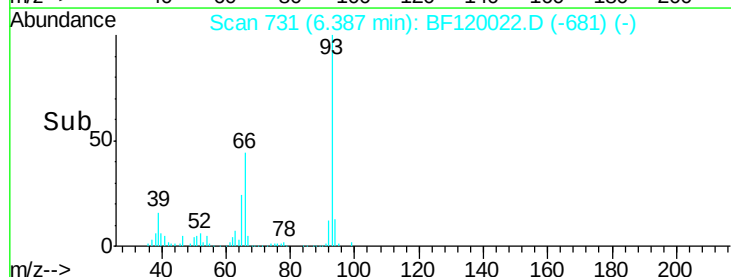
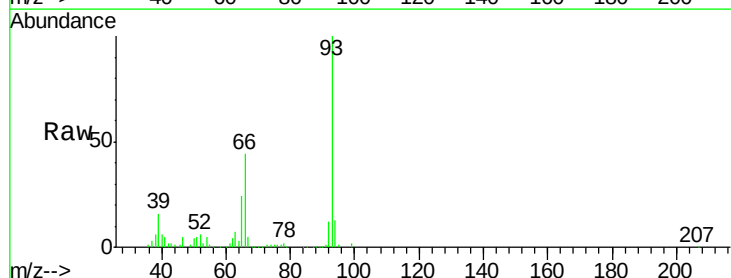
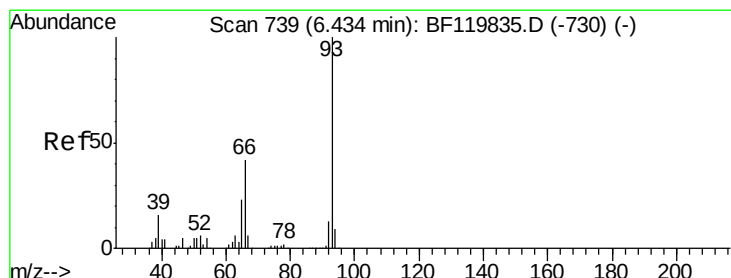
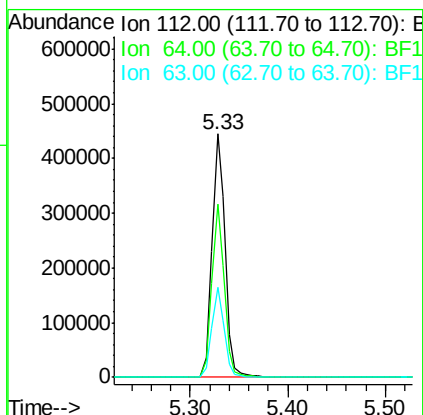
#5
2-Fluorophenol
Concen: 51.689 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	71.1	55.5	83.3
63	36.9	29.1	43.7

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

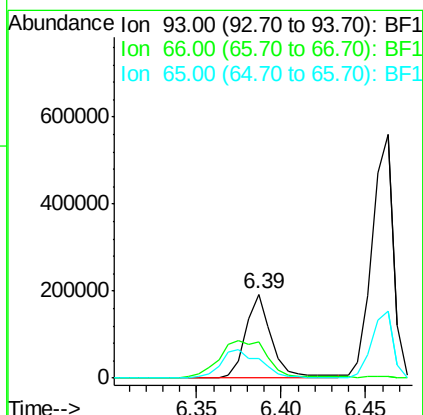
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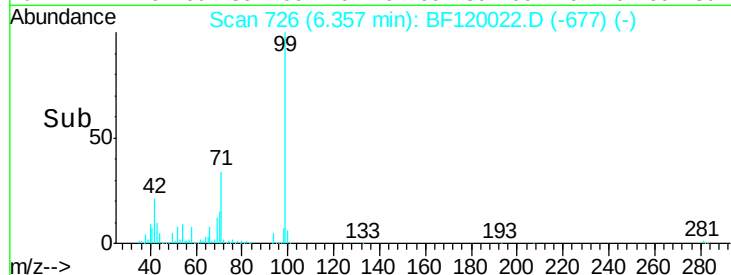
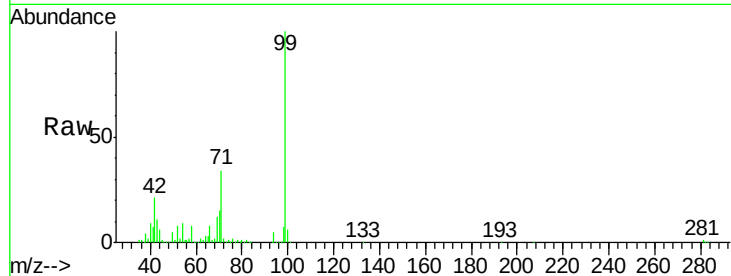
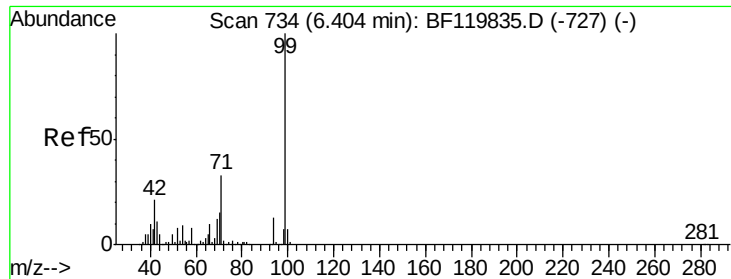
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#6
Aniline
Concen: 15.621 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.7	34.2	51.2
65	24.0	18.3	27.5





#7

Phenol-d6

Concen: 32.364 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		330911		
42	21.2	16.9	25.3		
71	33.5	26.3	39.5		

Instrument :

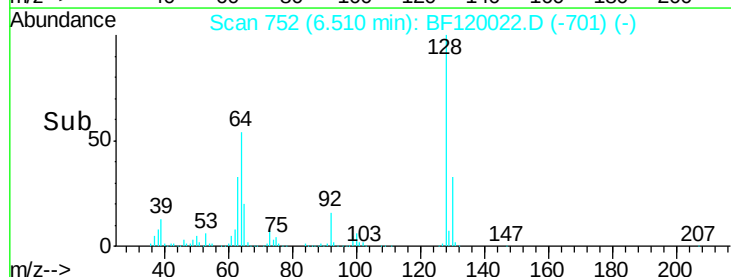
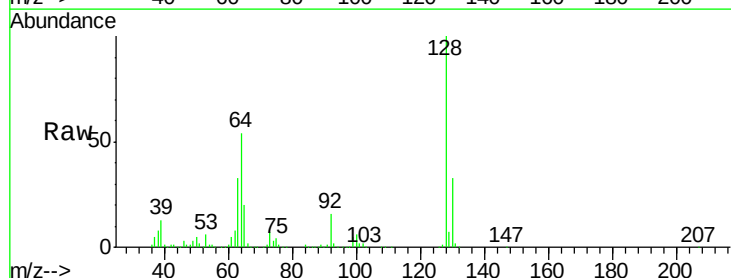
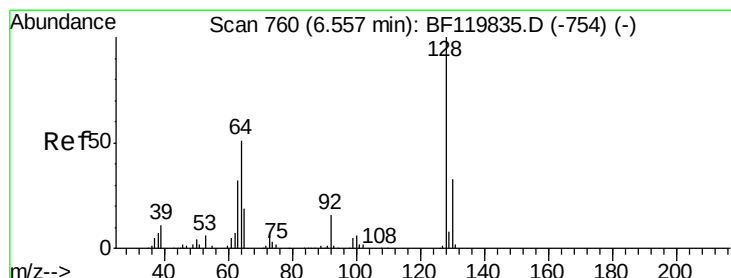
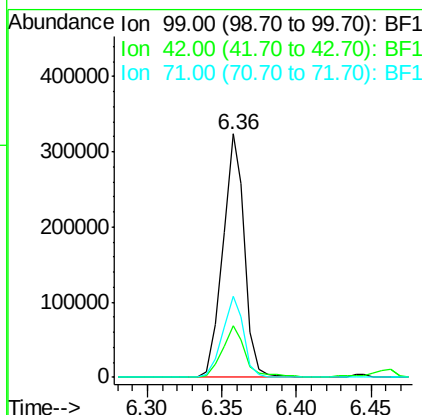
BNA_F

ClientSampleId :

NCQ-632MS

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#8

2-Chlorophenol

Concen: 45.451 ng

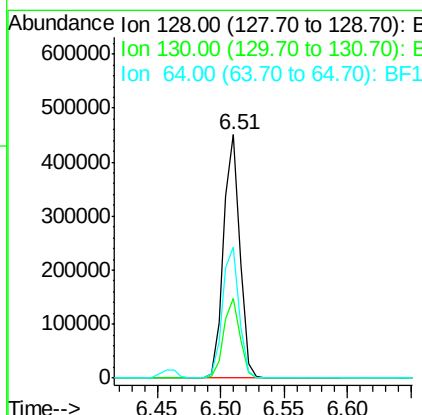
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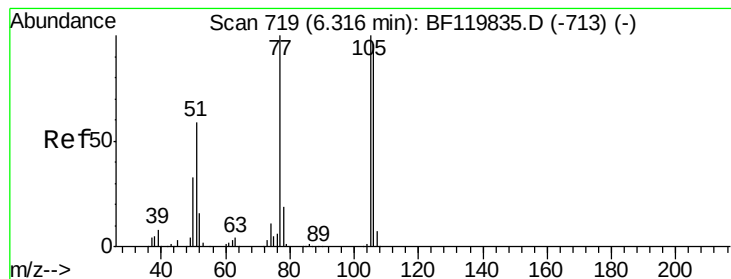
Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		402960		
130	32.9	12.6	52.6		
64	53.9	32.0	72.0		





#9

Benzaldehyde

Concen: 47.481 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

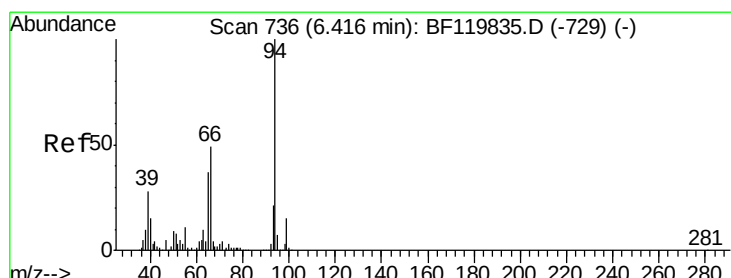
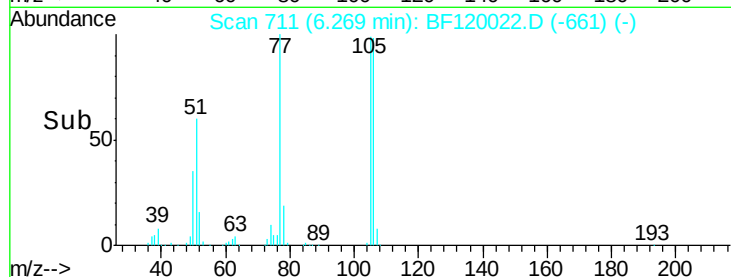
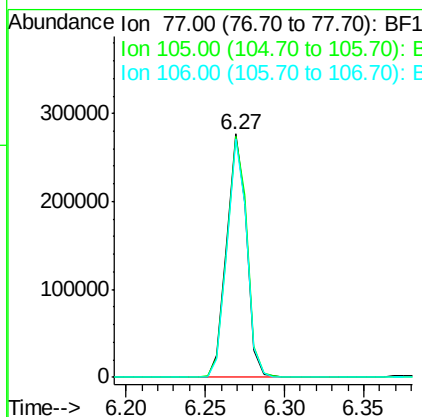
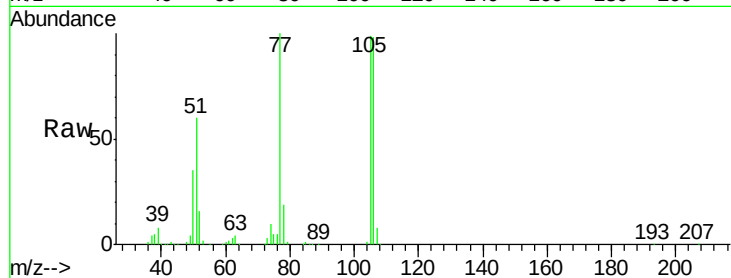
ClientSampleId :

NCQ-632MS

Tot Ion:	77	Resp:	240448
Ion Ratio	Lower	Upper	
77	100		
105	98.9	79.9	119.9
106	98.1	76.4	116.4

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#10

Phenol

Concen: 17.640 ng

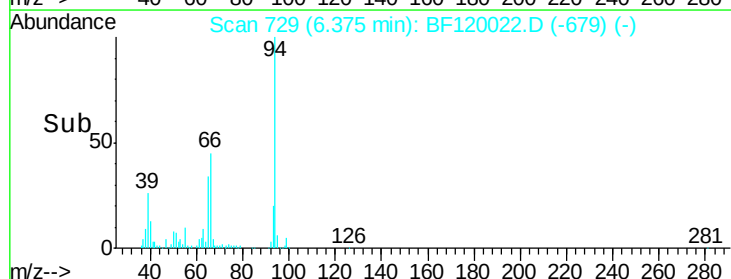
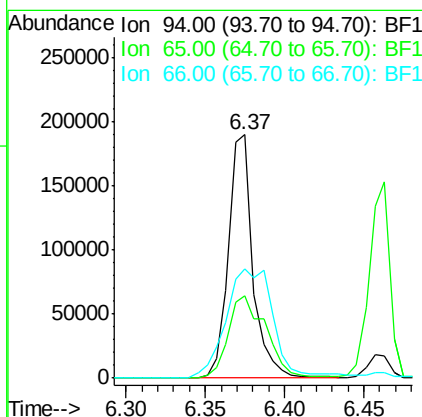
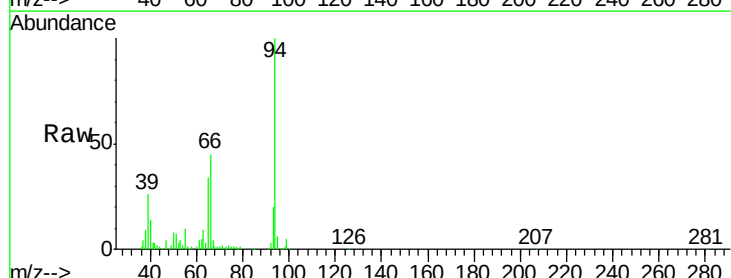
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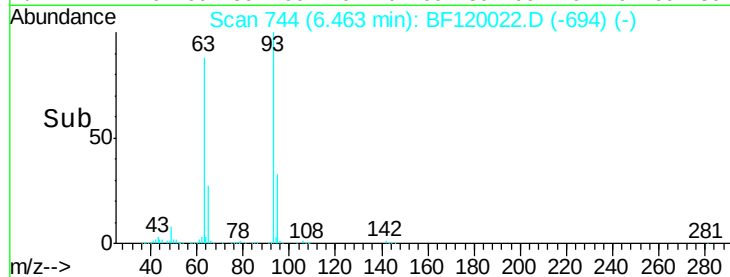
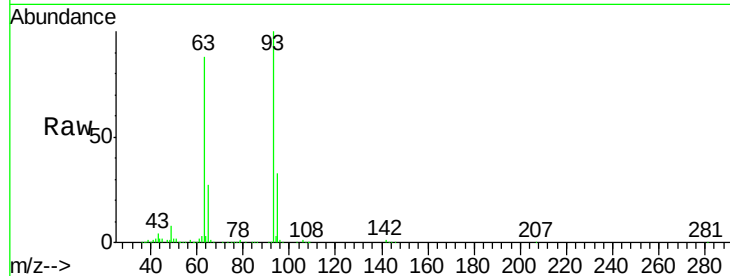
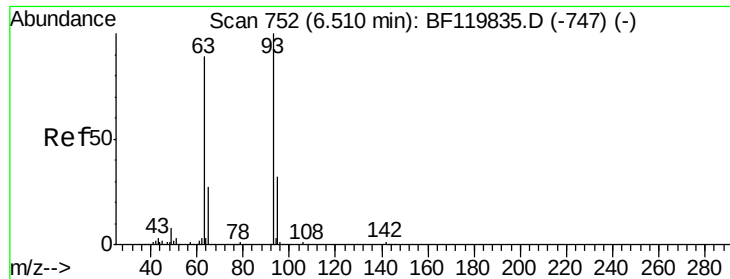
Delta R.T. -0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tgt Ion:	94	Resp:	204618
Ion Ratio	Lower	Upper	
94	100		
65	33.9	16.6	56.6
66	44.7	29.3	69.3





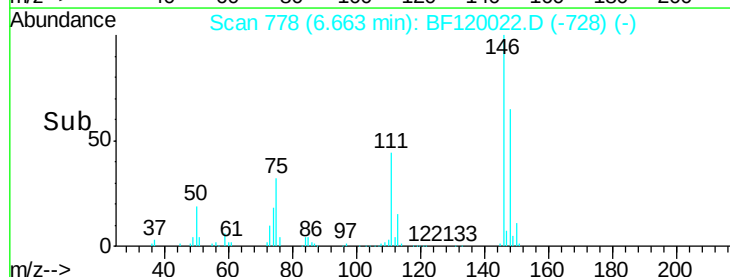
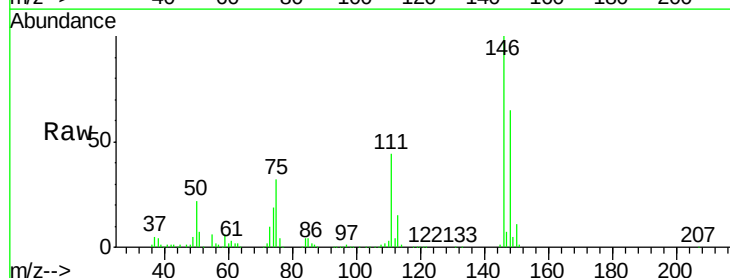
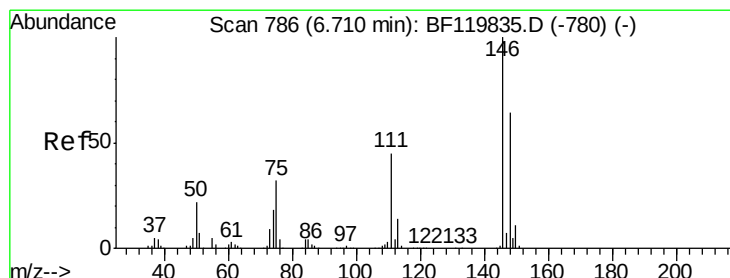
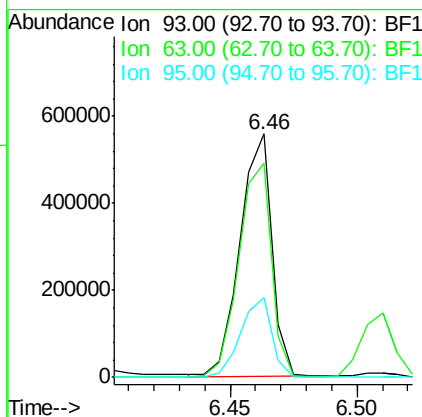
#11
bis(2-Chloroethyl)ether
Concen: 54.297 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tot Ion	93	Resp	486302
Ion Ratio	Lower	Upper	
93	100		
63	88.0	69.1	109.1
95	33.0	12.3	52.3

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

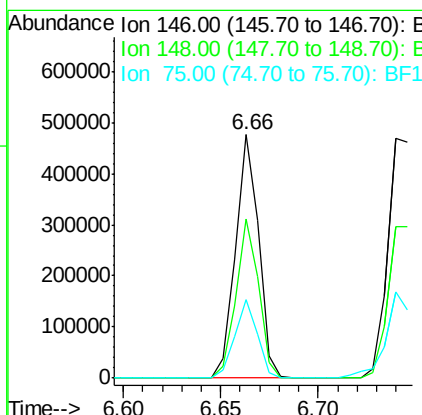
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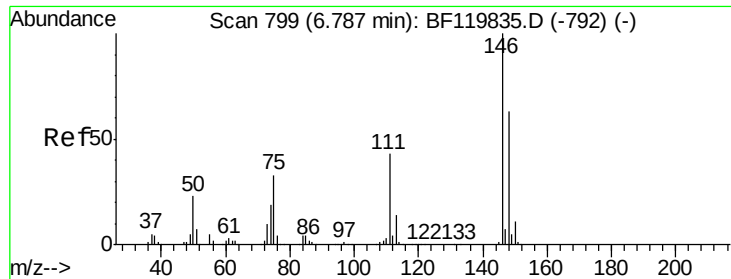
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.208 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	146	Resp	390271
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.3	76.9
75	32.4	25.3	37.9





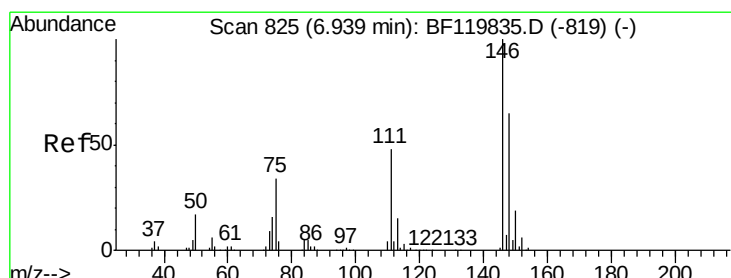
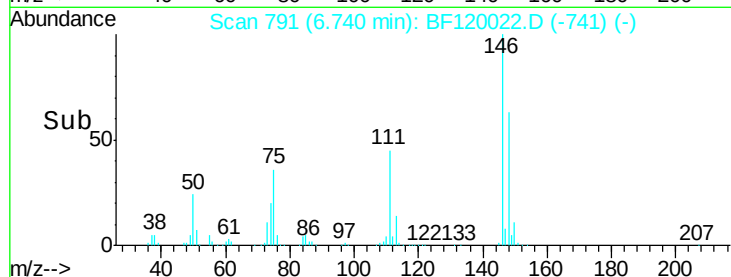
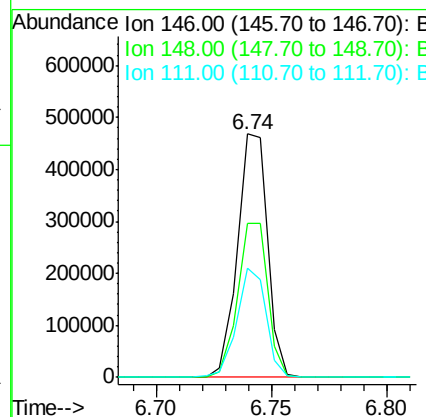
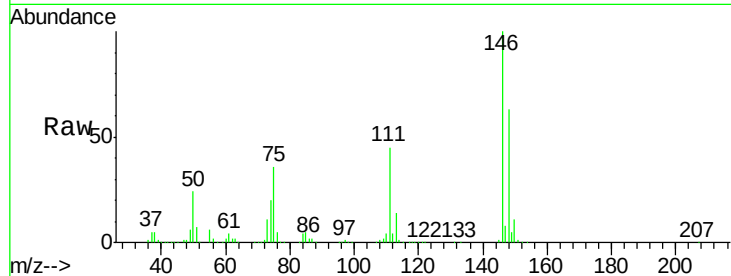
#13
1,4-Dichlorobenzene
Concen: 43.098 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	45.1	34.7	52.1

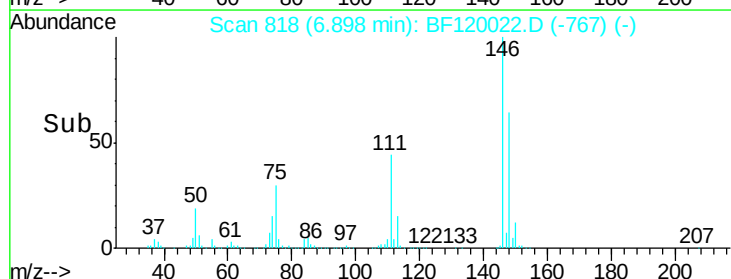
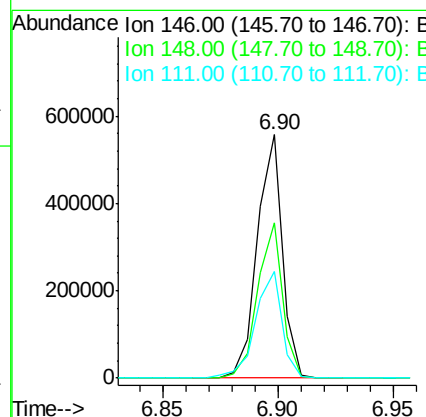
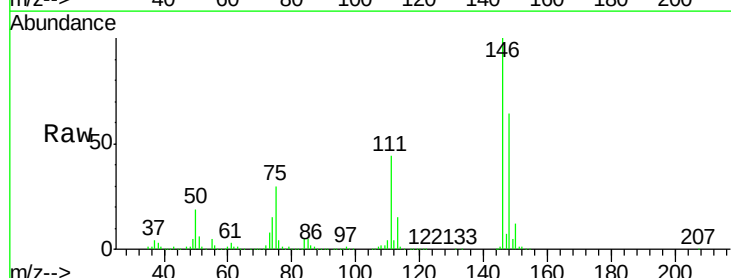
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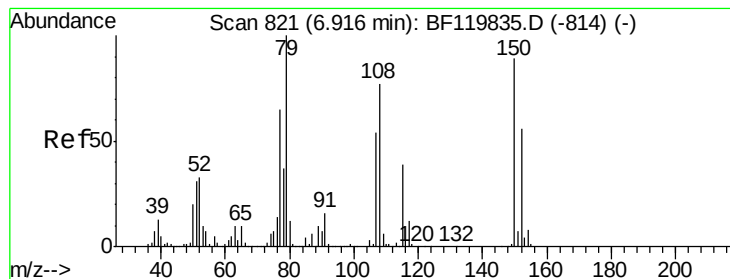
mohammad
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#14
1,2-Dichlorobenzene
Concen: 46.642 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	43.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 37.274 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

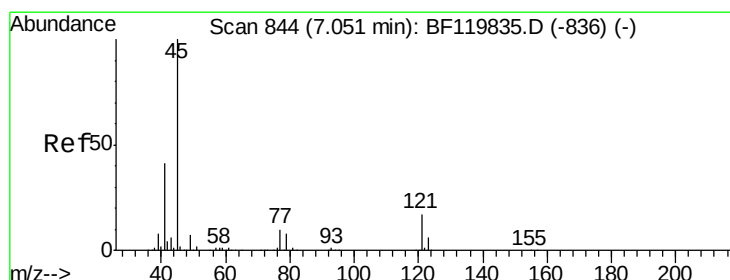
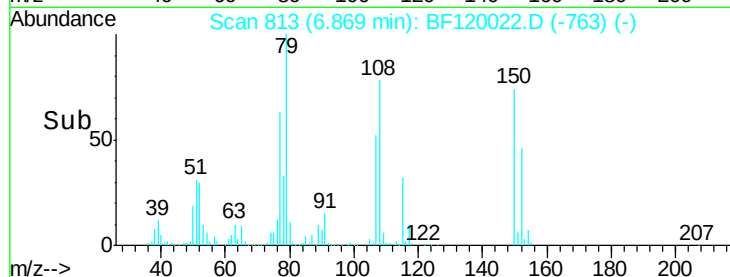
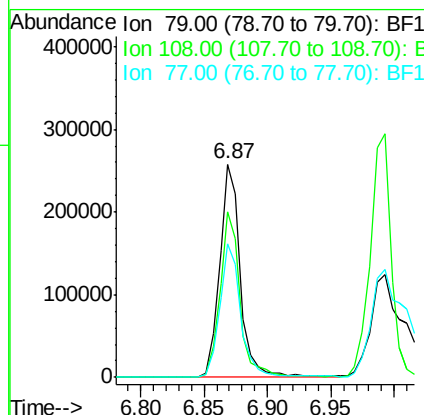
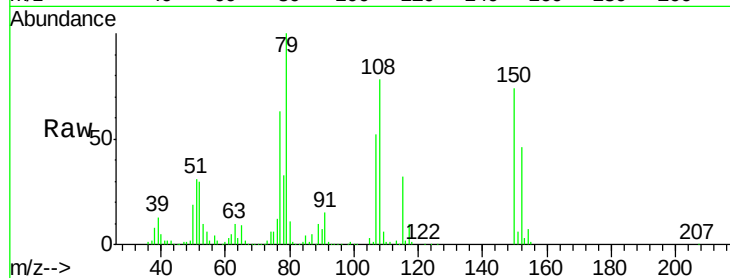
ClientSampleId :

NCQ-632MS

Tot Ion:	79	Resp:	296005
Ion Ratio	Lower	Upper	
79	100		
108	77.8	62.0	93.0
77	62.5	51.8	77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 53.921 ng

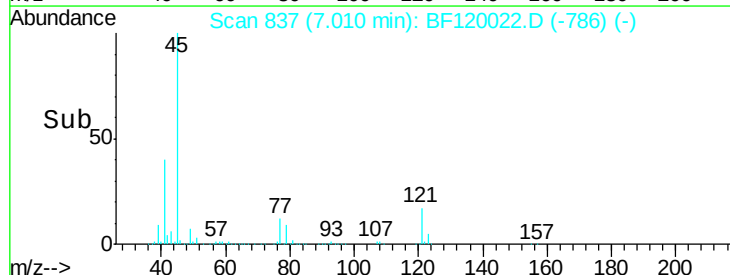
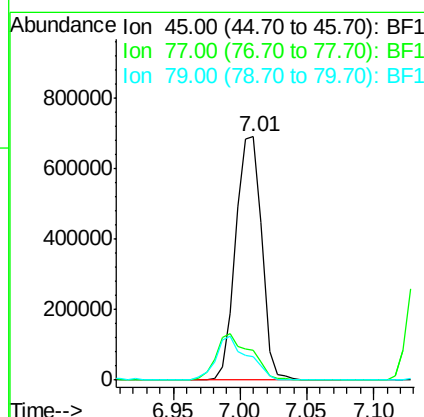
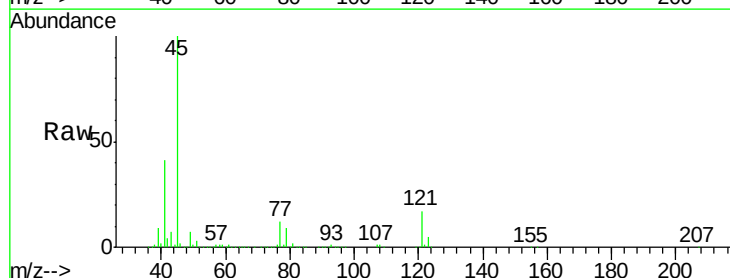
RT: 7.01 min Scan# 837

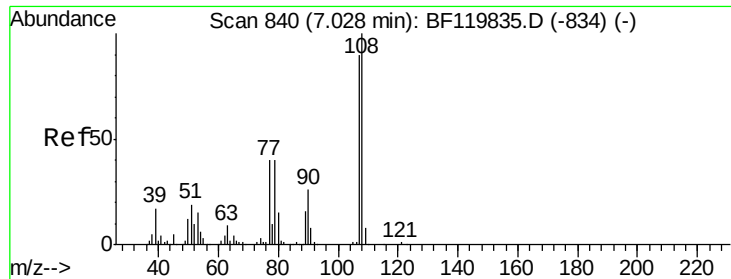
Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tgt Ion:	45	Resp:	939749
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.7
79	9.4	0.0	28.6





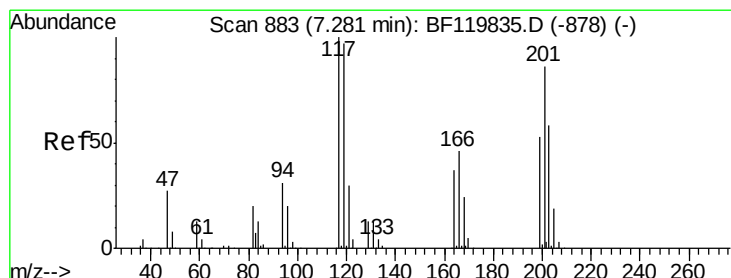
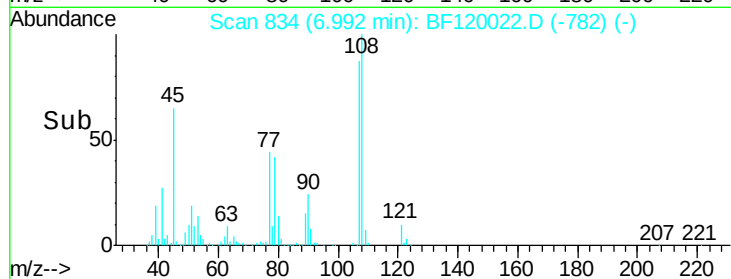
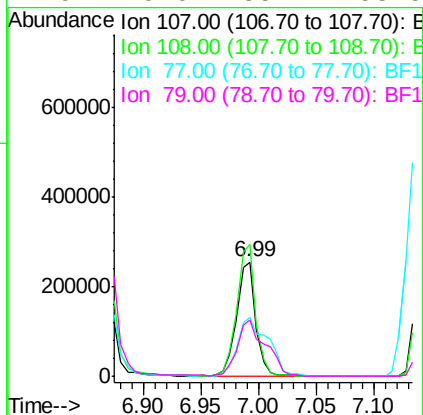
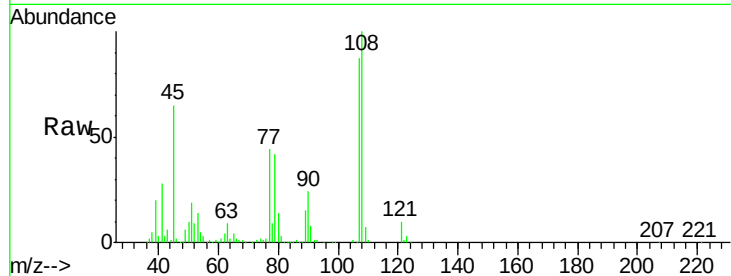
#17
2-Methylphenol
Concen: 37.196 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	107	Resp	294296
Ion Ratio	Lower	Upper	
107	100		
108	115.5	88.8	133.2
77	51.4	36.0	54.0
79	49.0	35.7	53.5

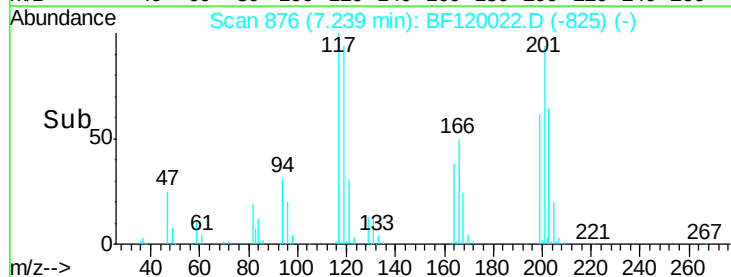
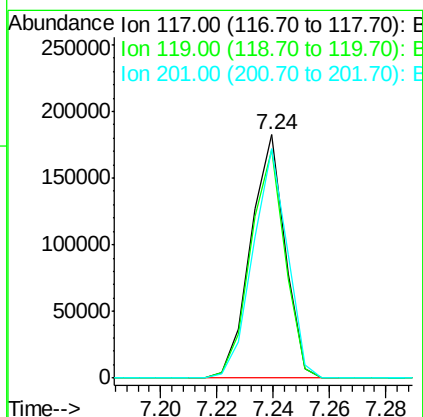
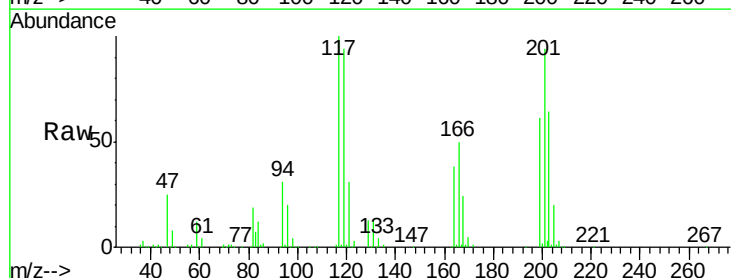
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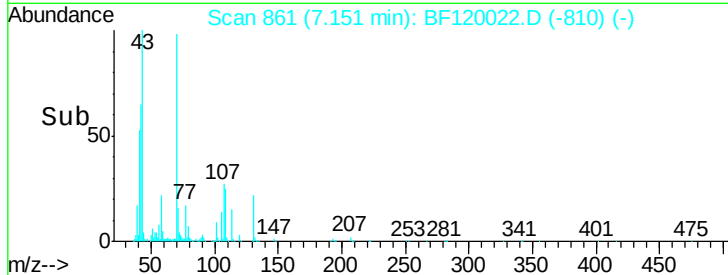
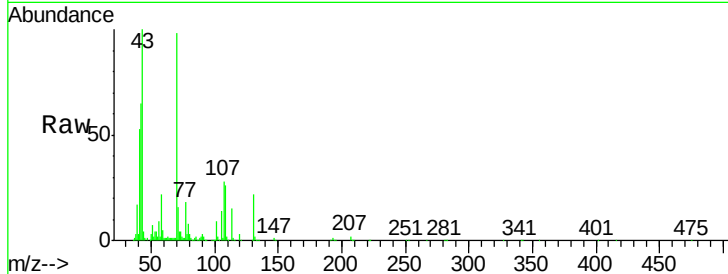
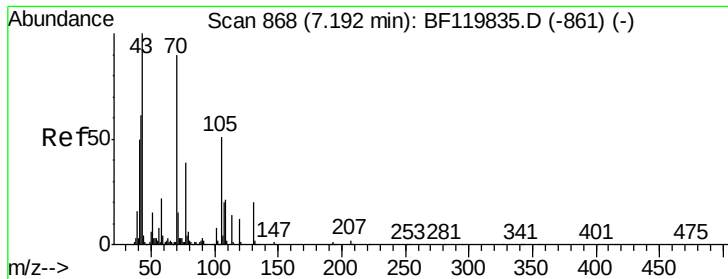
mohammad
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#18
Hexachloroethane
Concen: 41.597 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

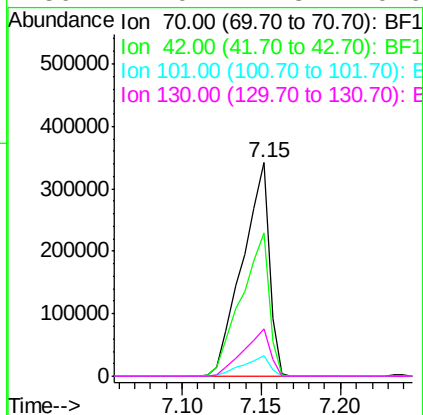
Tgt Ion	117	Resp	153707
Ion Ratio	Lower	Upper	
117	100		
119	93.9	77.4	116.0
201	94.5	68.4	102.6





#19
n-Nitroso-di-n-propylamine
Concen: 61.020 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

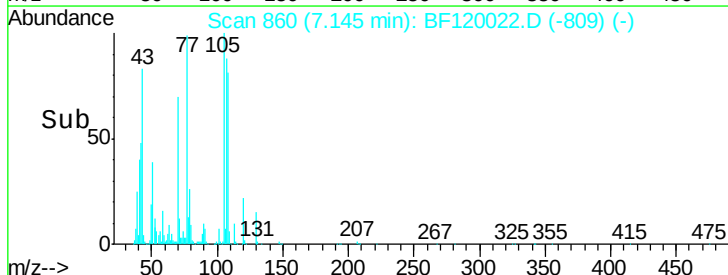
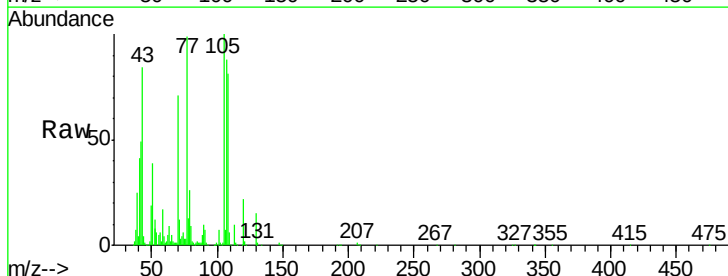
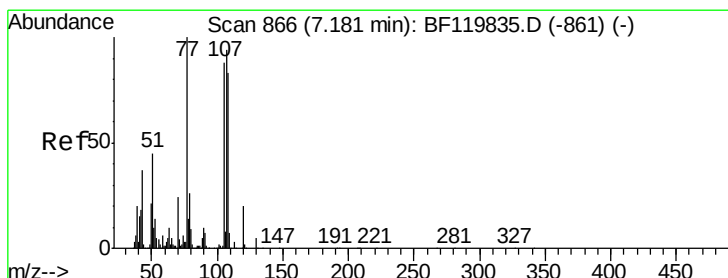
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.8	54.2	81.4	
101	9.5	7.4	11.2	
130	22.0	17.8	26.6	



Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

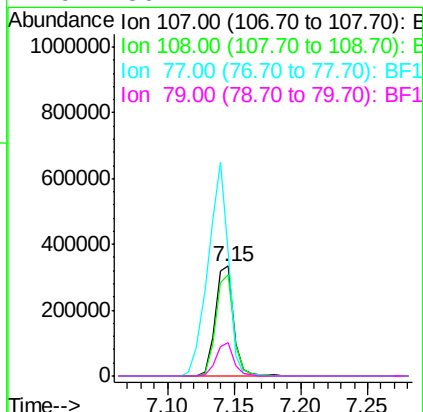
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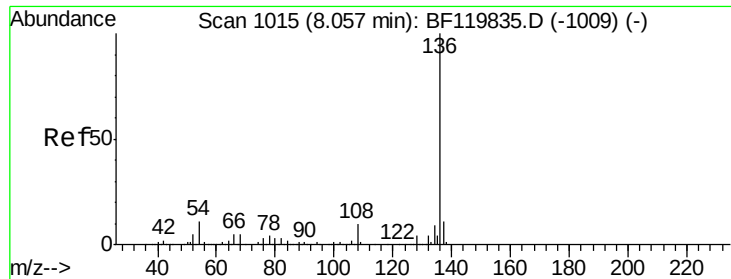
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#20
3+4-Methylphenols
Concen: 33.581 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	68.2	108.2	
77	112.6	86.6	126.6	
79	30.1	7.7	47.7	





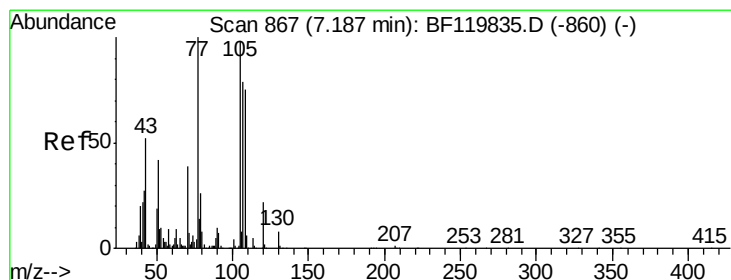
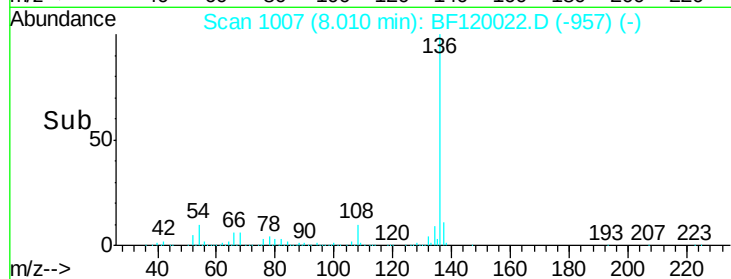
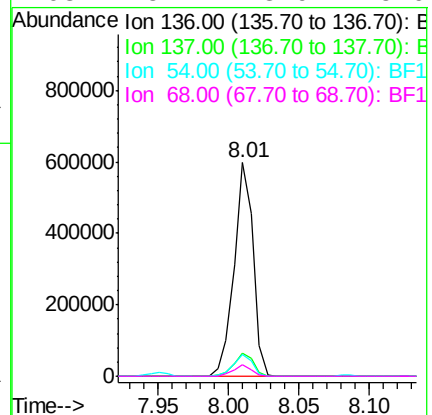
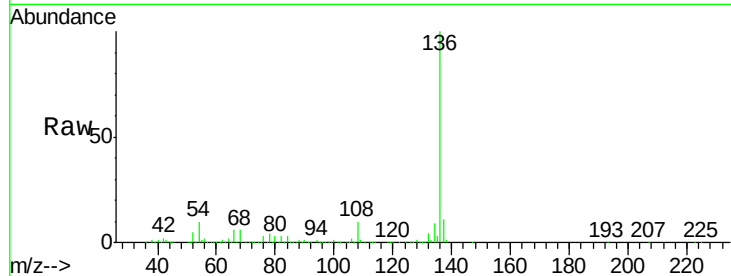
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		557297		
137	11.0	8.7	13.1		
54	10.3	8.5	12.7		
68	5.7	3.9	5.9		

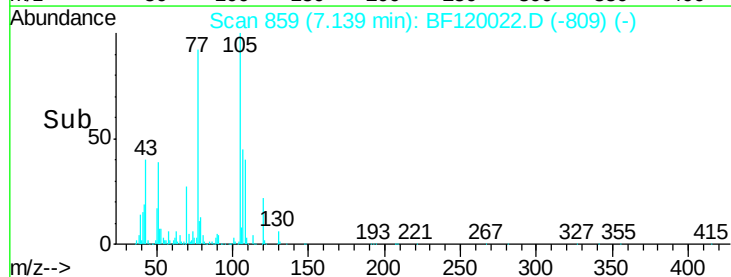
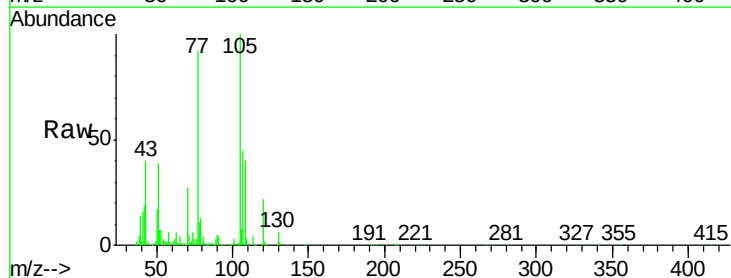
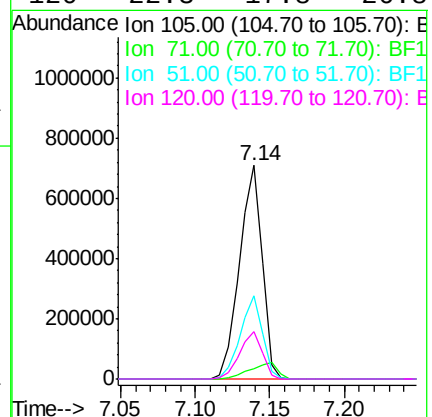
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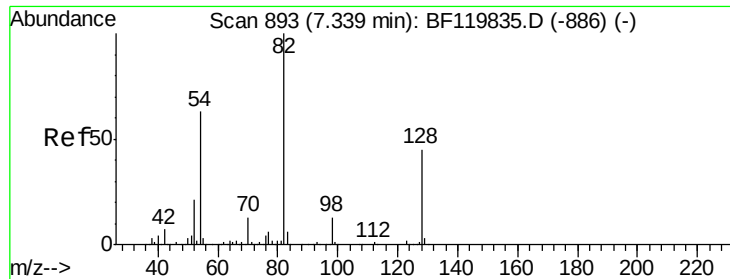
mohammad
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#22
Acetophenone
Concen: 57.875 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		755277		
71	4.6	5.6	8.4#		
51	39.2	33.9	50.9		
120	22.3	17.8	26.8		





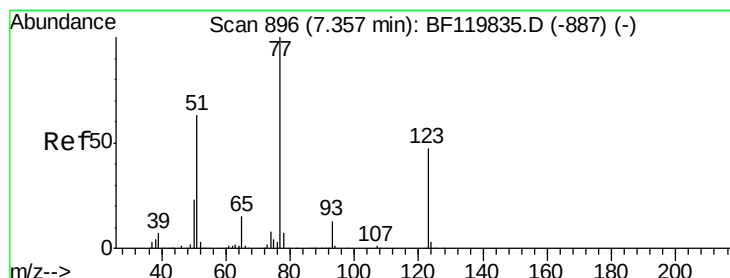
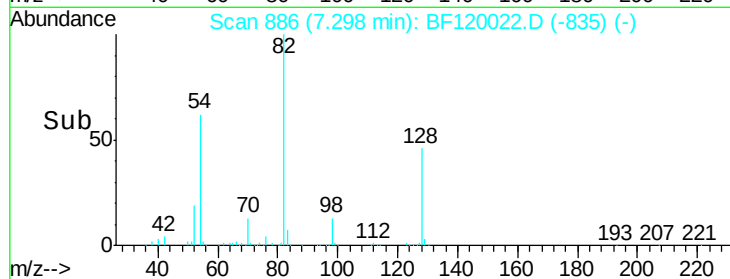
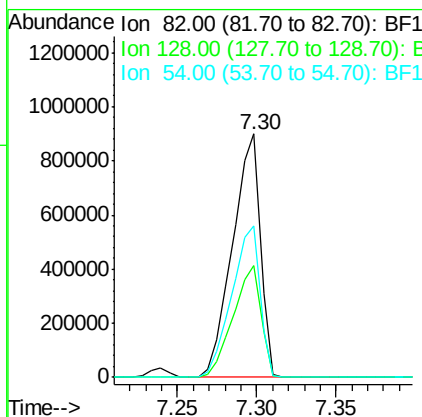
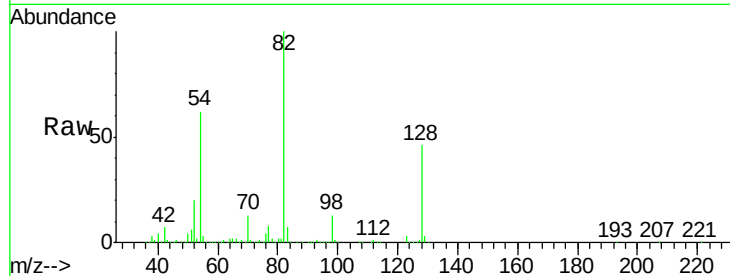
#23
 Nitrobenzene-d5
 Concen: 101.482 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion: 82 Resp: 1093214
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.2 54.4
 54 62.3 50.4 75.6

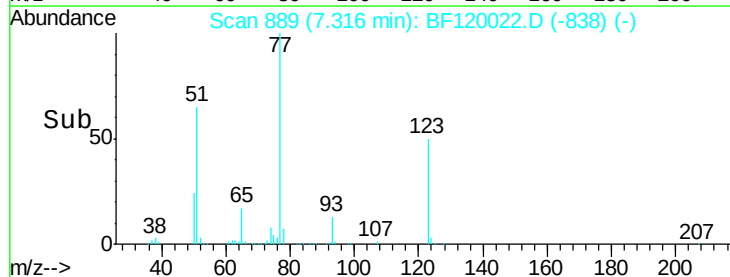
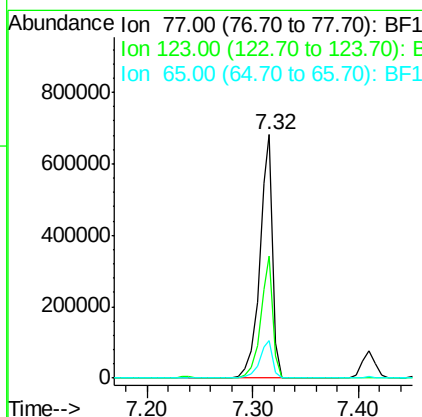
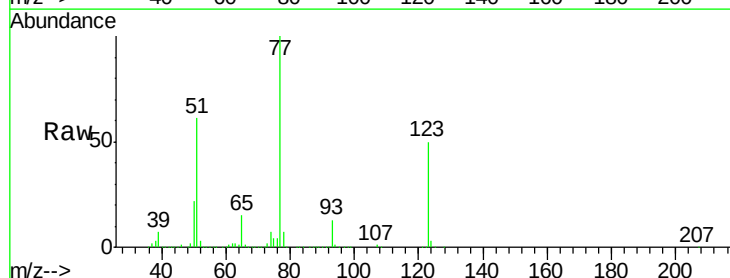
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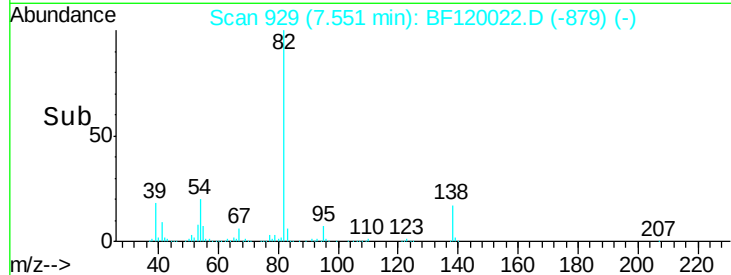
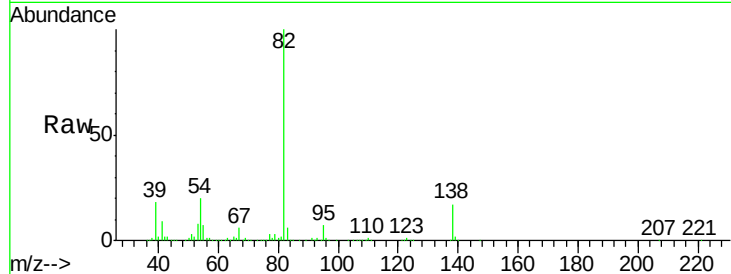
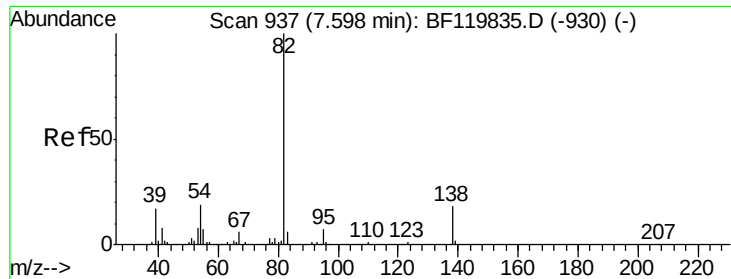
mohammad
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#24
 Nitrobenzene
 Concen: 53.820 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion: 77 Resp: 583235
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.8 56.8
 65 15.4 12.2 18.2





#25

Isophorone

Concen: 50.819 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tot Ion: 82 Resp: 1055309

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.4 14.5 21.7

Instrument :

BNA_F

ClientSampleId :

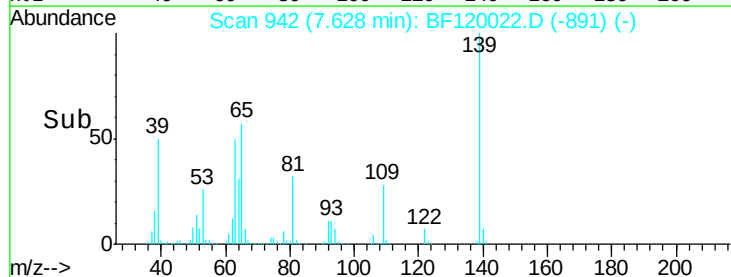
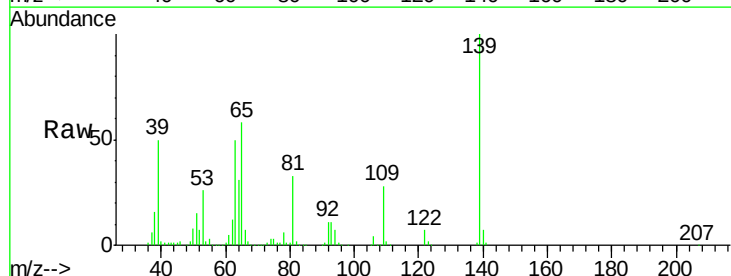
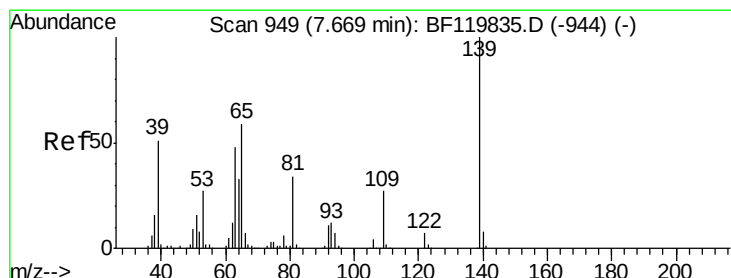
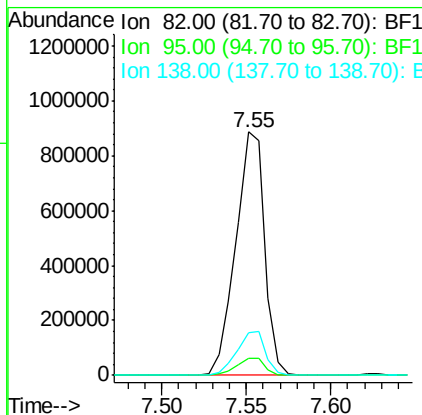
NCQ-632MS

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#26

2-Nitrophenol

Concen: 48.707 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

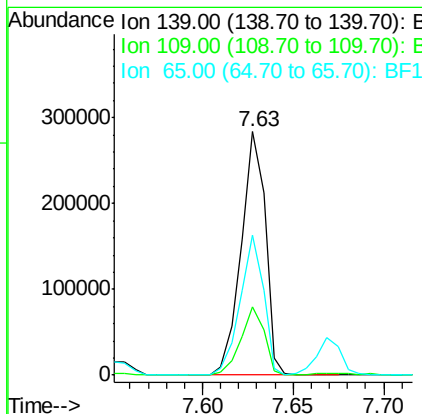
Tgt Ion: 139 Resp: 263698

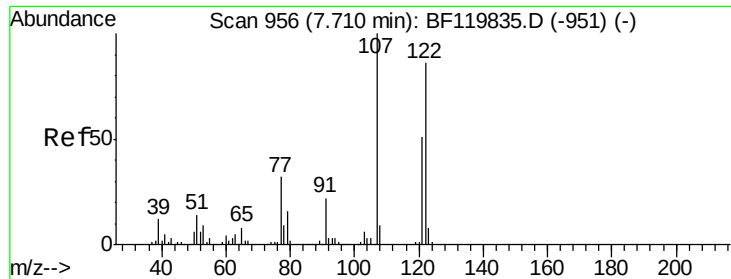
Ion Ratio Lower Upper

139 100

109 28.3 21.8 32.6

65 57.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.739 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

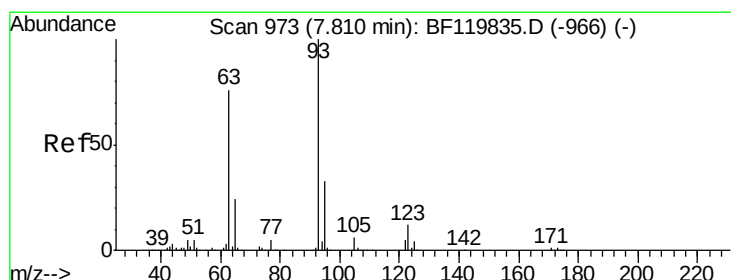
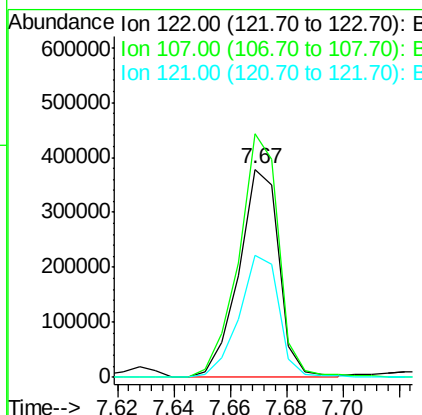
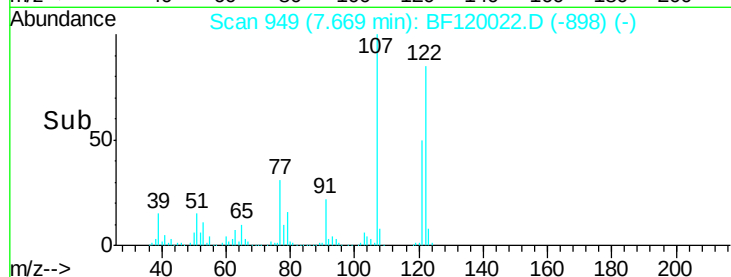
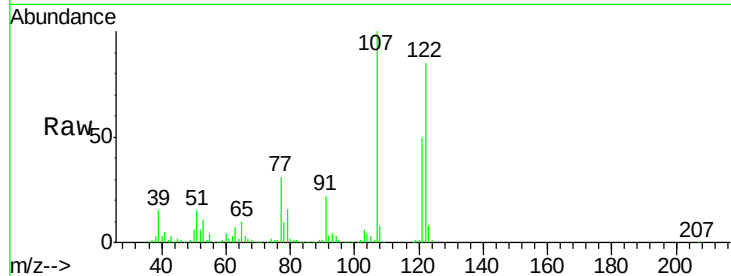
ClientSampleId :

NCQ-632MS

Tot Ion:	122	Resp:	373475
Ion Ratio	Lower	Upper	
122	100		
107	117.1	92.3	138.5
121	58.8	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 53.732 ng

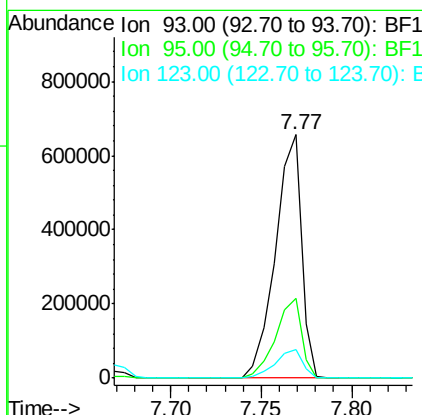
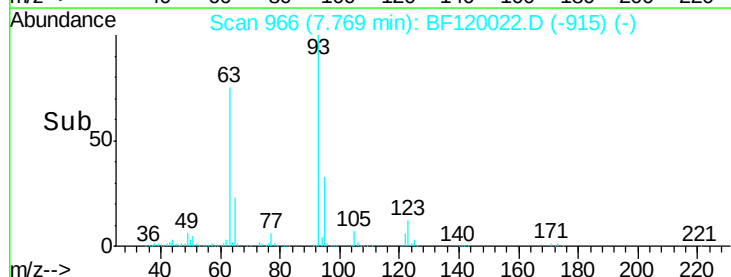
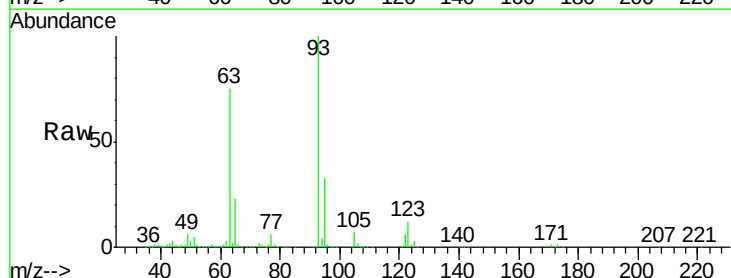
RT: 7.77 min Scan# 966

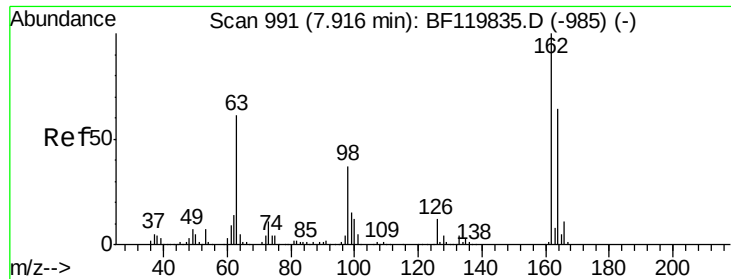
Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tgt Ion:	93	Resp:	656587
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.4	39.6
123	11.8	9.7	14.5





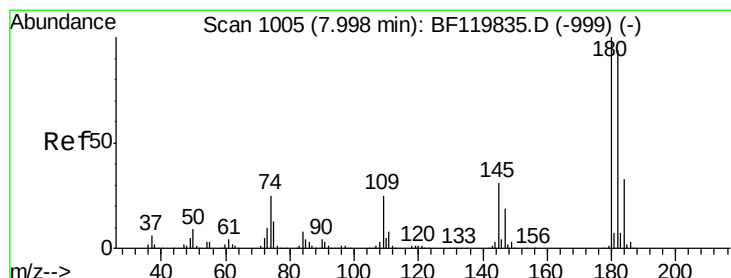
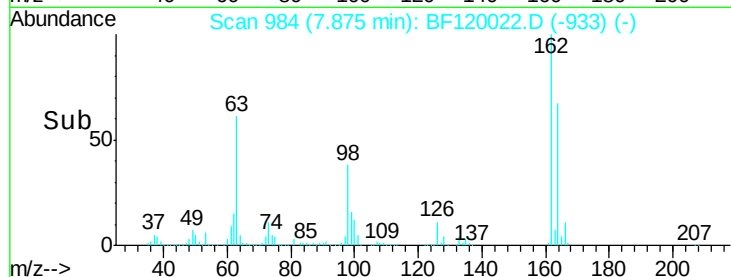
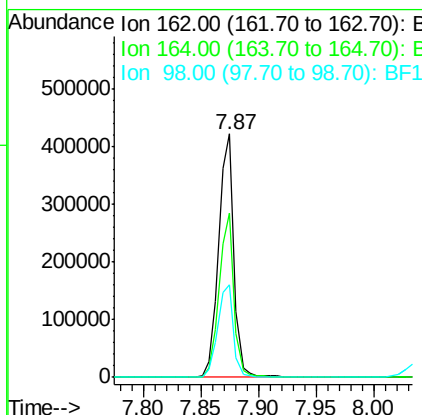
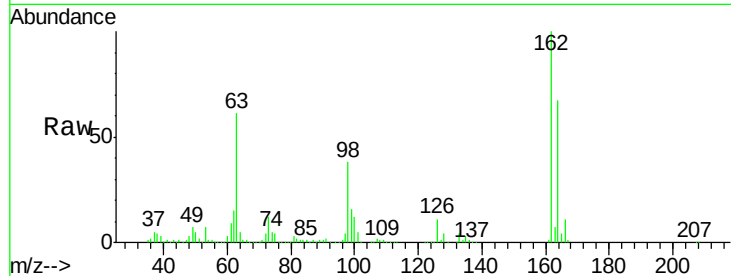
#29
2,4-Dichlorophenol
Concen: 46.350 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	387938		
164	67.2	44.4	84.4	
98	37.9	17.3	57.3	

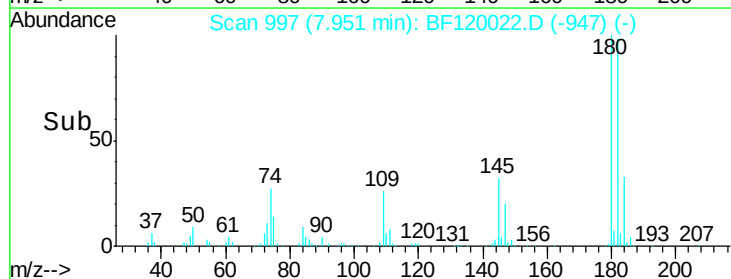
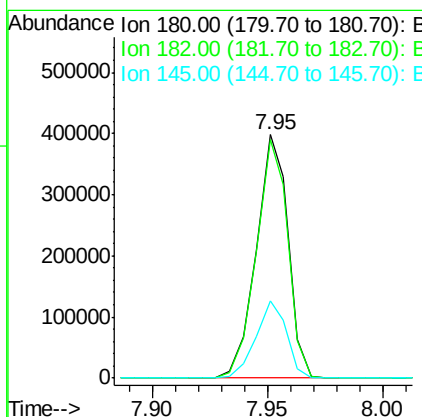
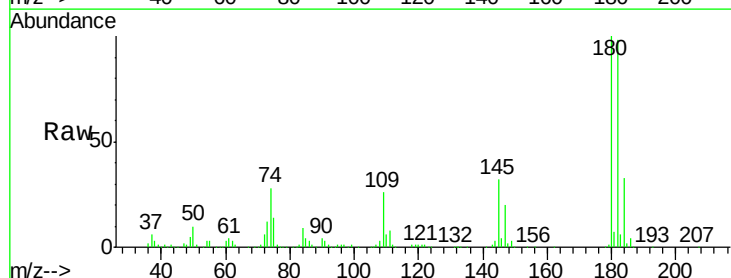
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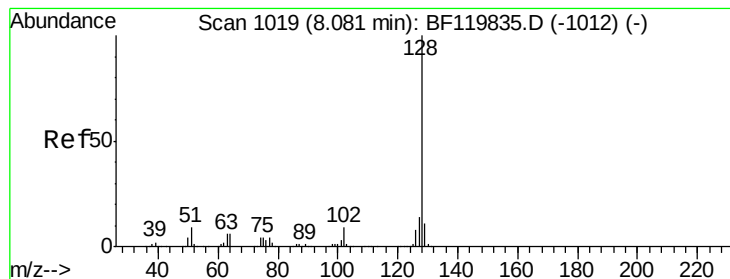
mohammad
4/16/2020 12:53:10 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.294 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	382131		
182	97.9	75.4	113.0	
145	31.9	24.6	37.0	





#31

Naphthalene

Concen: 45.213 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

ClientSampleId :

NCQ-632MS

Tot Ion:128 Resp: 1325681

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

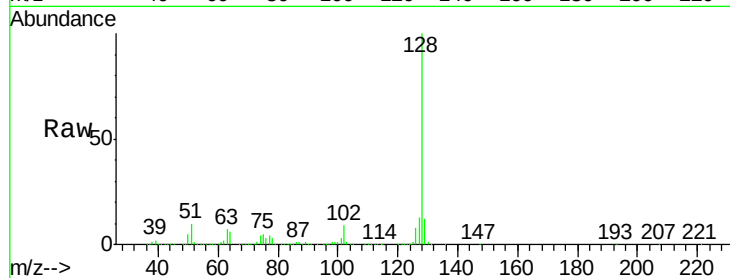
127 13.5 11.0 16.4

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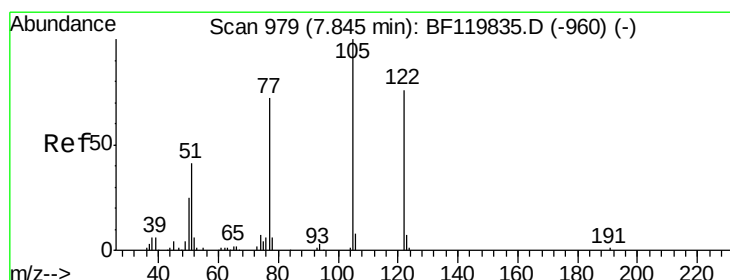
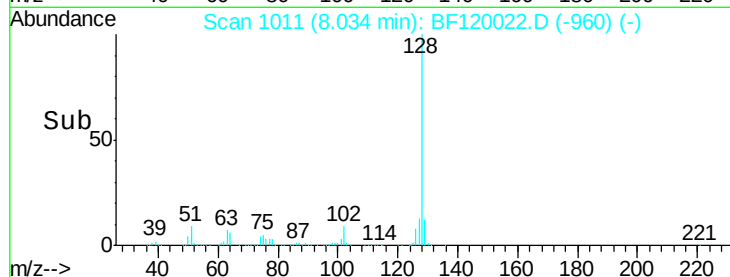
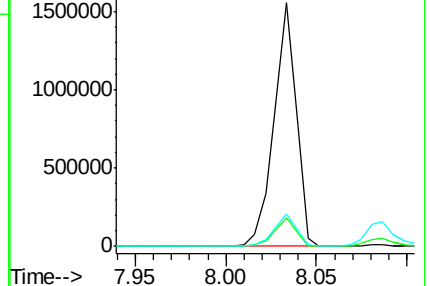
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.026 ng m

RT: 7.77 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

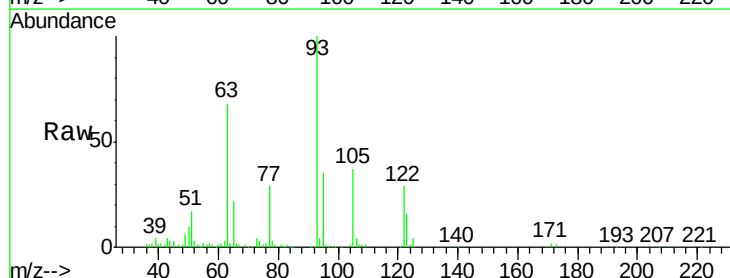
Tgt Ion:122 Resp: 107758

Ion Ratio Lower Upper

122 100

105 129.2 106.7 146.7

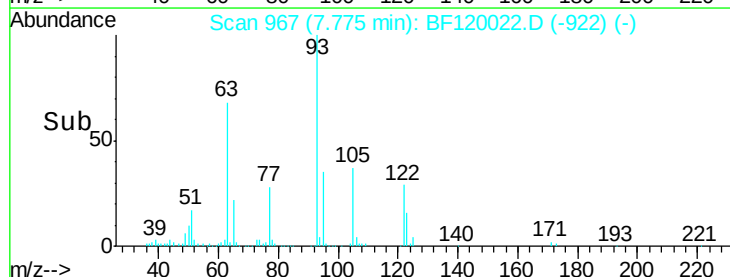
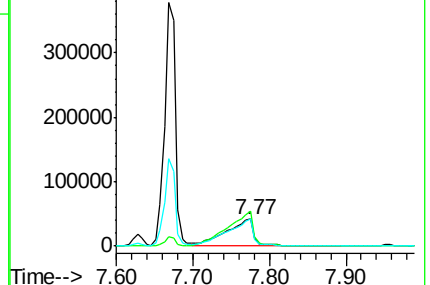
77 99.0 72.1 112.1

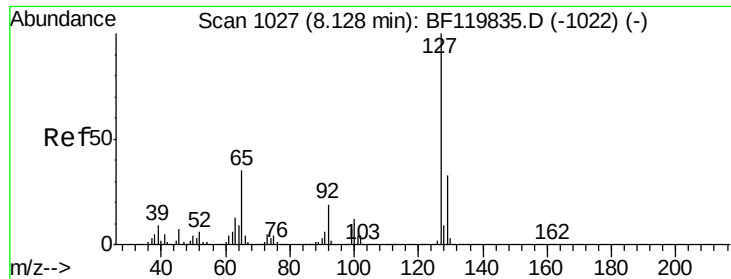


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





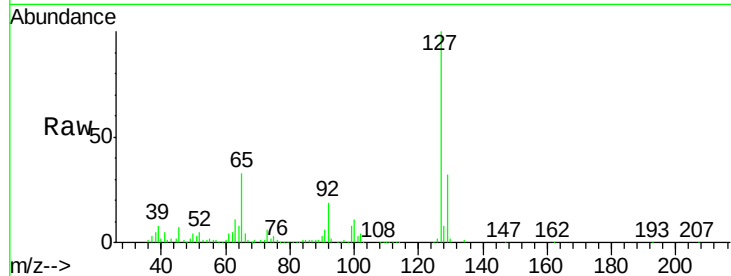
#33
4-Chloroaniline
Concen: 14.137 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

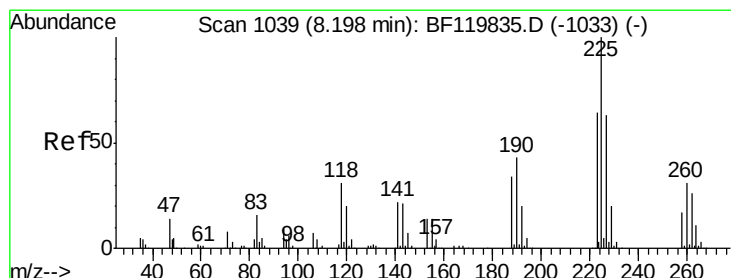
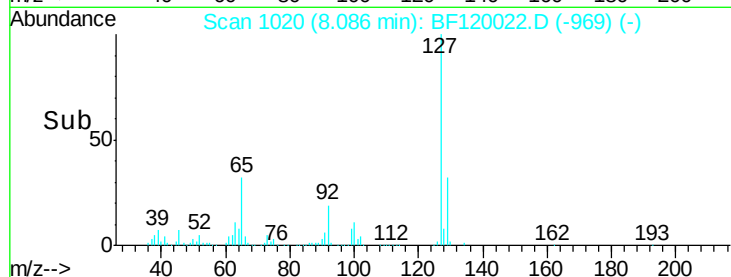
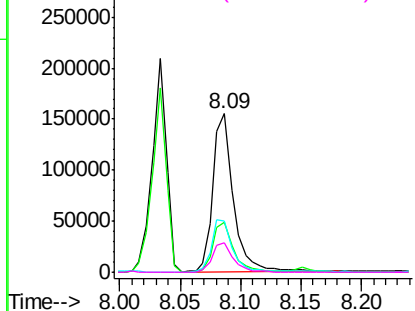
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		180458		
129	31.8	26.2	39.2		
65	32.6	28.3	42.5		
92	18.5	15.4	23.2		

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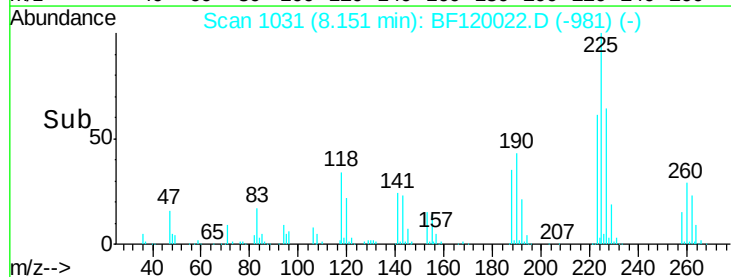
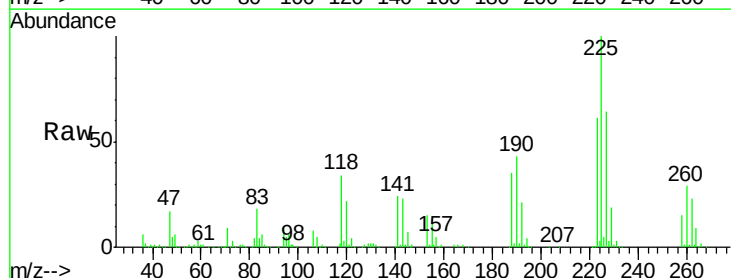
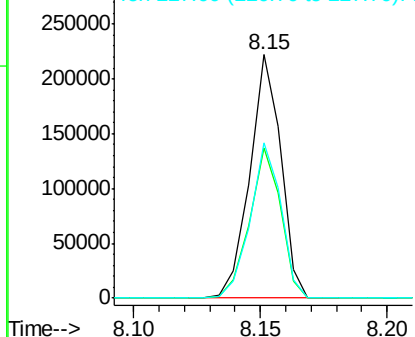
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

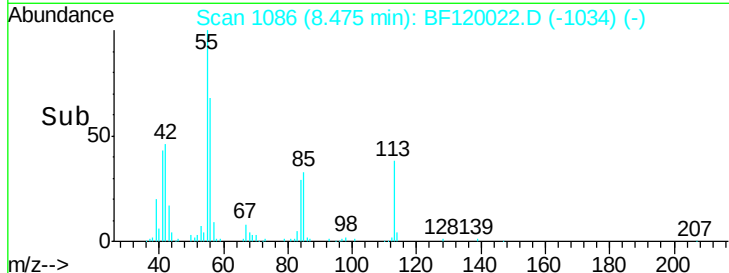
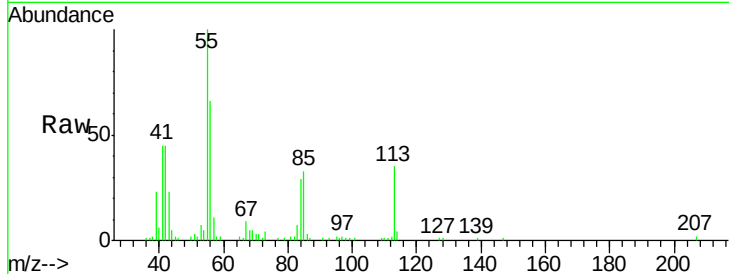
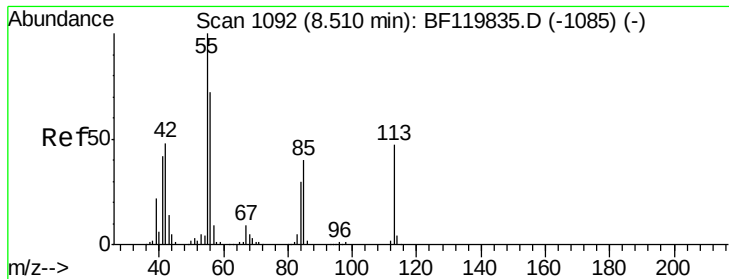


#34
Hexachlorobutadiene
Concen: 33.319 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		189149		
223	61.5	51.0	76.6		
227	64.0	50.4	75.6		

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





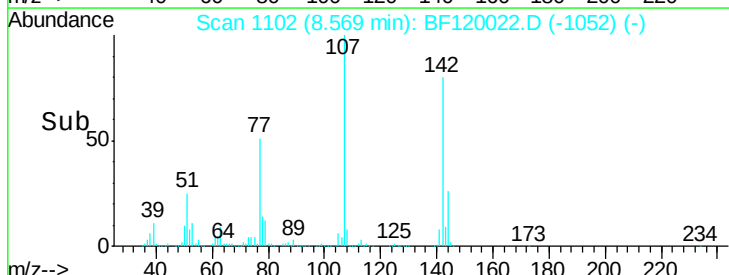
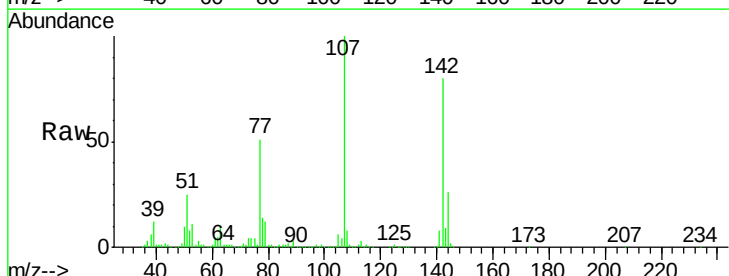
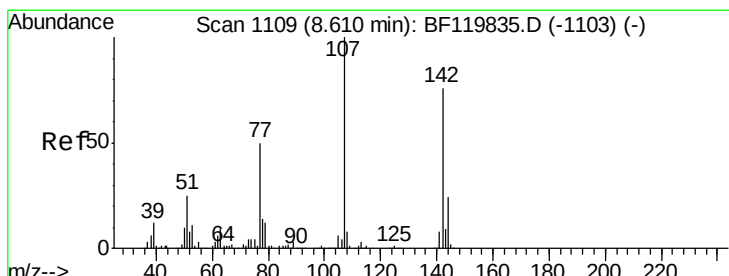
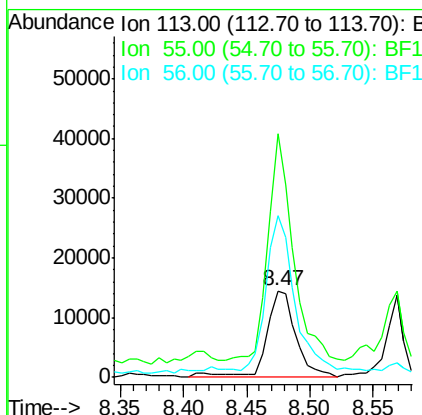
#35
Caprolactam
Concen: 9.060 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	282.4	192.7	232.7#	
56	187.0	133.3	173.3#	

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

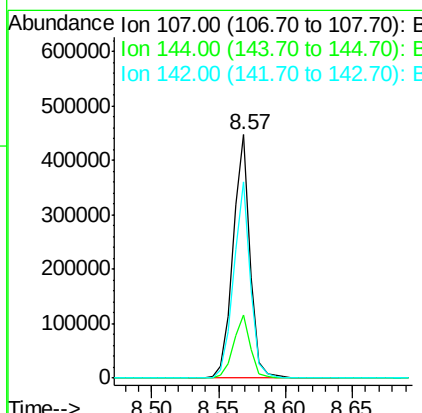
Manual Integrations
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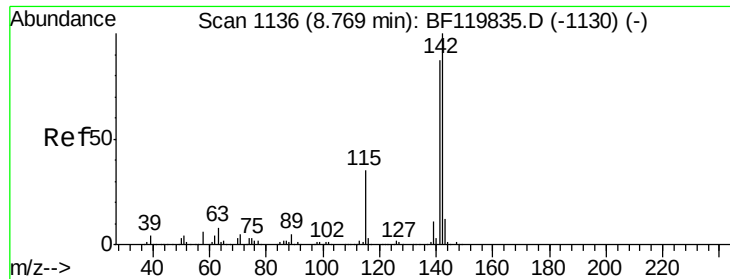
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.458 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.1	19.5	29.3	
142	80.4	60.5	90.7	





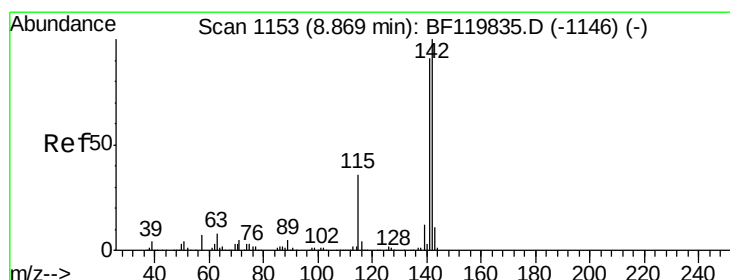
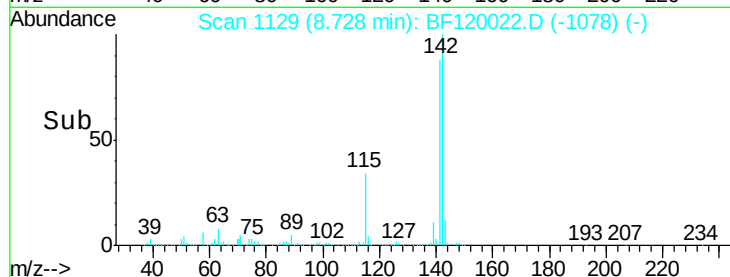
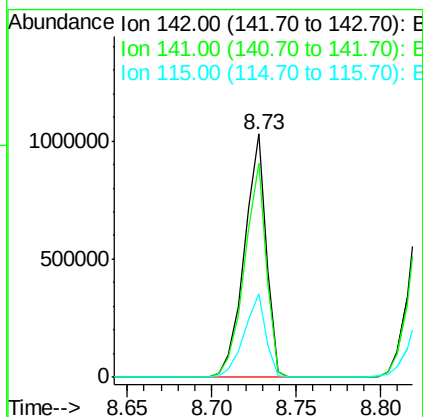
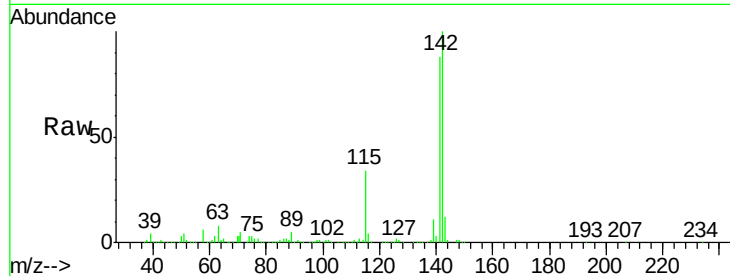
#37
2-Methylnaphthalene
Concen: 46.785 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.9	104.9
115	34.5	28.0	42.0

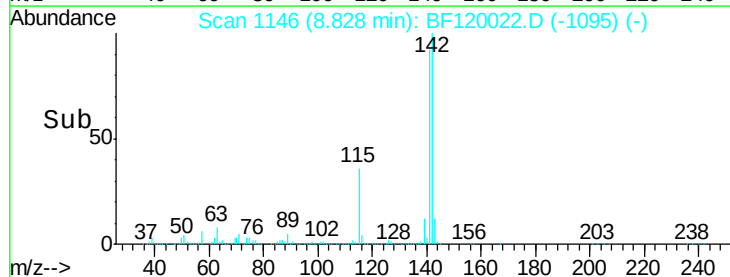
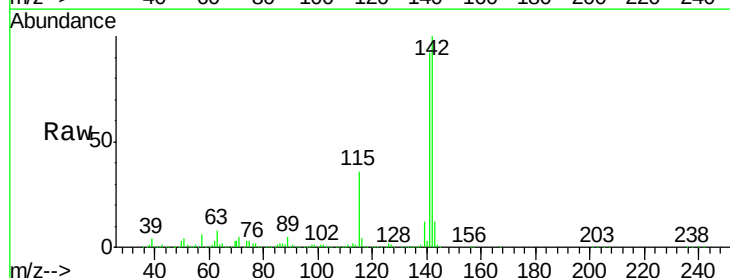
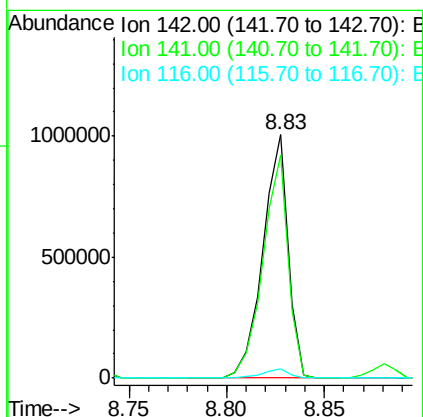
Manual Integrations
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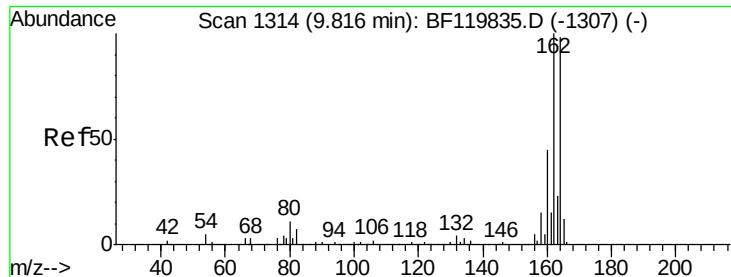
mohammad
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#38
1-Methylnaphthalene
Concen: 48.248 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.9	109.3
116	3.8	3.0	4.6





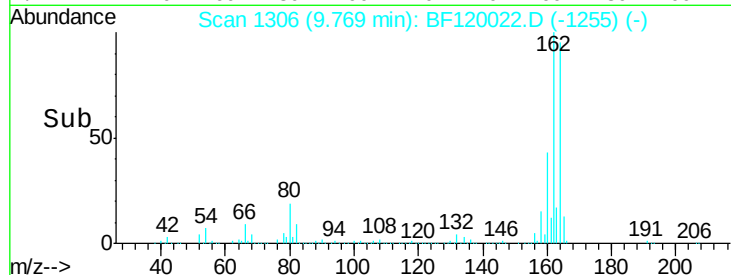
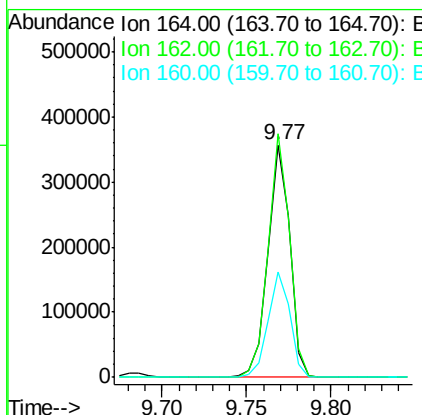
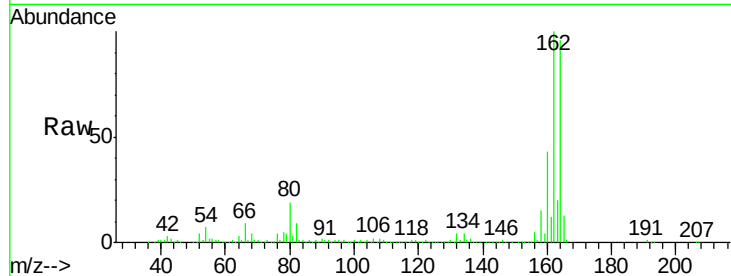
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	81.9	122.9	
160	45.3	36.6	54.8	

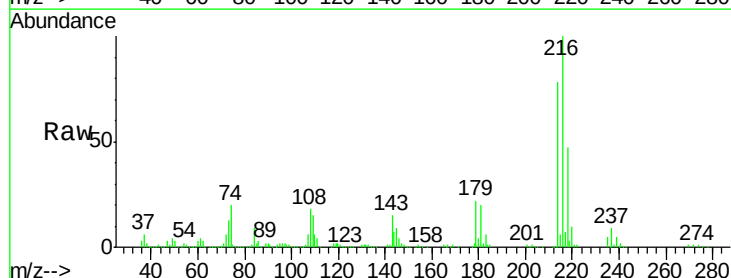
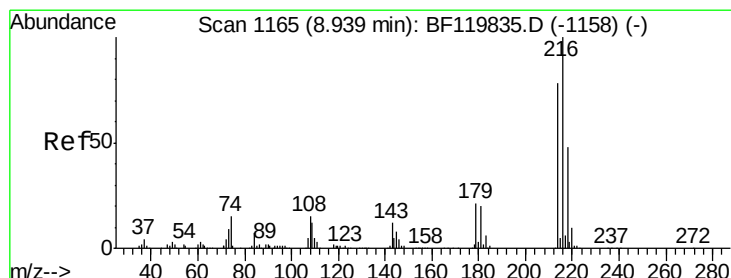
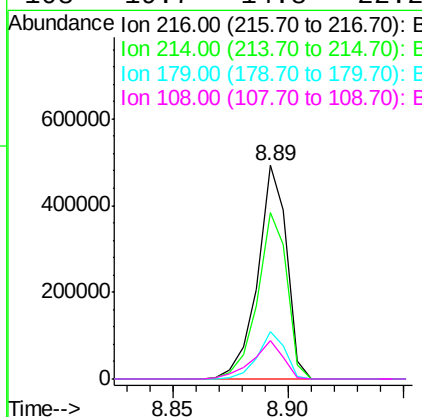
Manual Integrations
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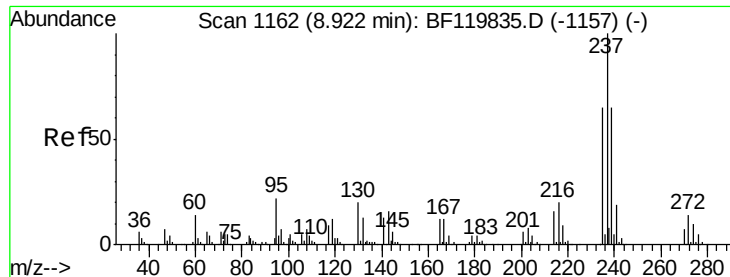
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 4/16/2020 12:53:10 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.038 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.1	94.7	
179	21.2	17.0	25.4	
108	19.7	14.8	22.2	





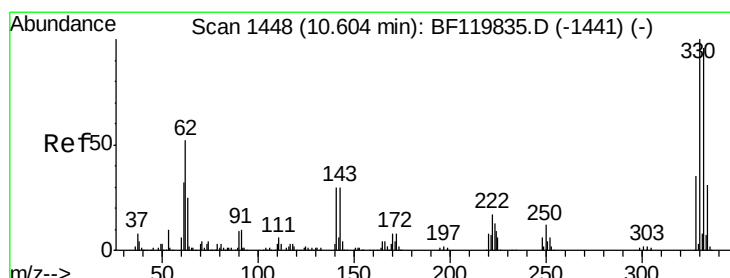
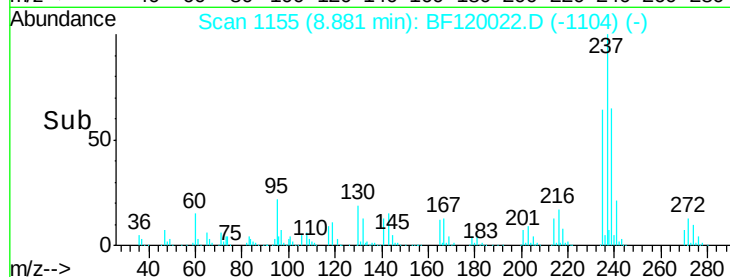
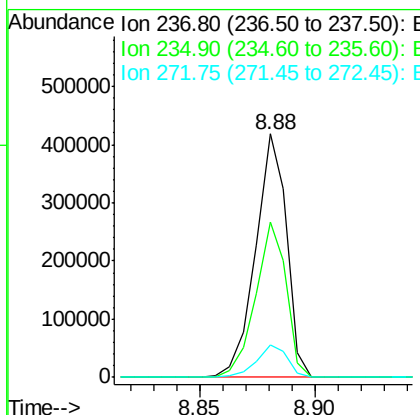
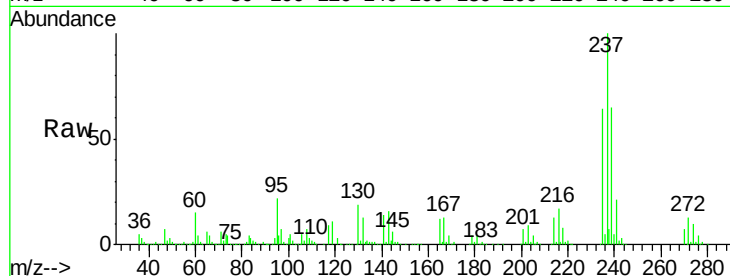
#41
Hexachlorocyclopentadiene
Concen: 68.461 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.0	44.9	84.9
272	13.2	0.0	33.6

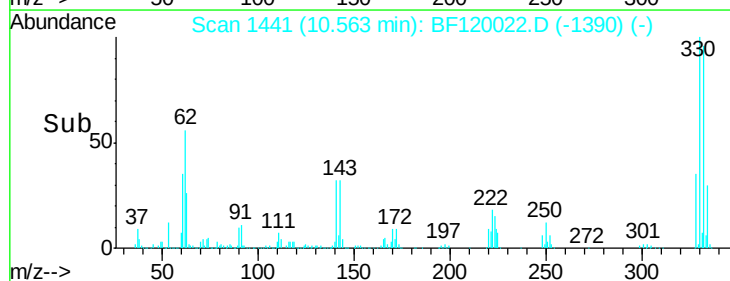
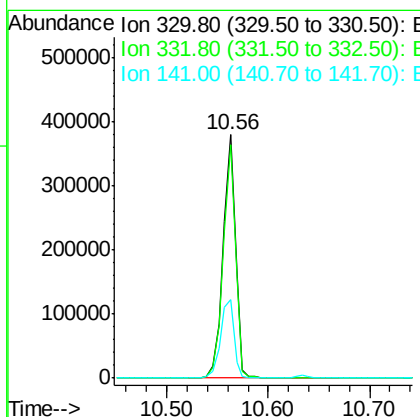
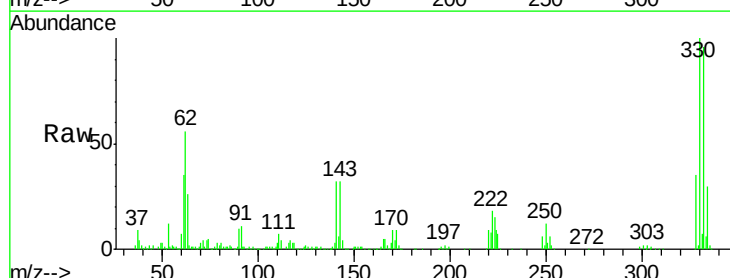
Manual Integrations
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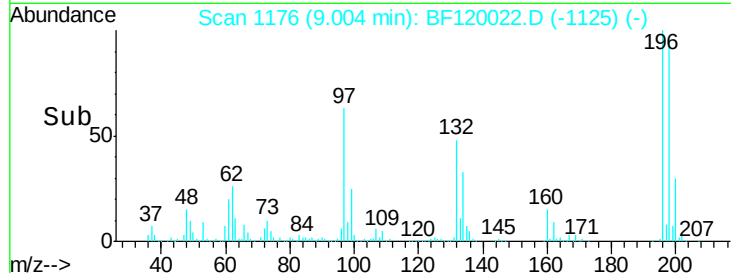
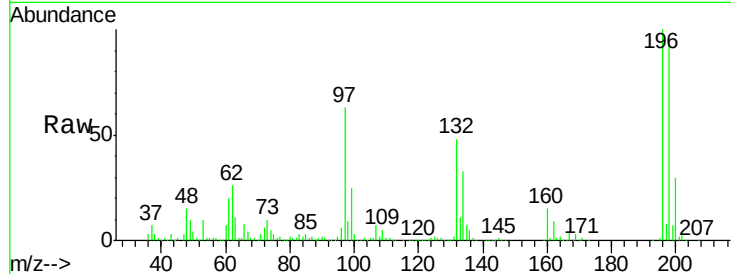
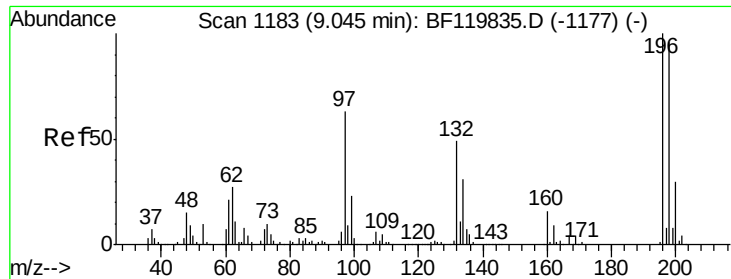
mohammad
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#42
2,4,6-Tribromophenol
Concen: 83.313 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.8	76.8	115.2
141	34.8	25.1	37.7





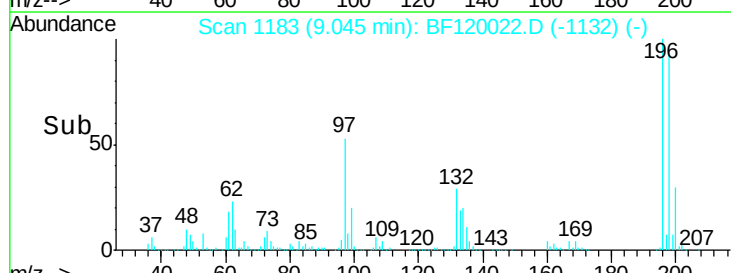
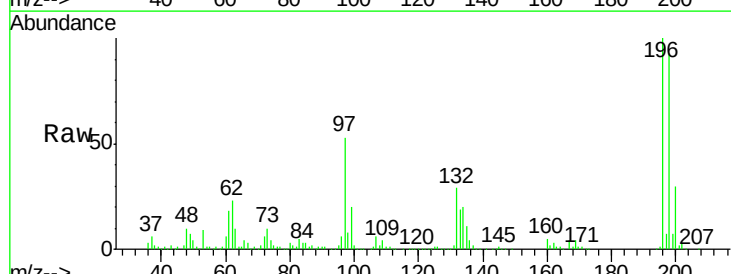
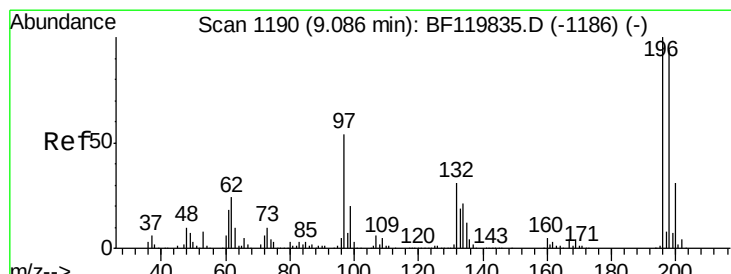
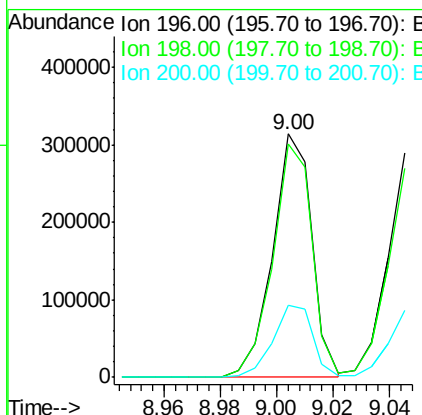
#43
2,4,6-Trichlorophenol
Concen: 43.390 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tot Ion	Ratio	Resp	Lower	Upper
196	100	301865		
198	95.7	76.6	115.0	
200	29.8	24.2	36.2	

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

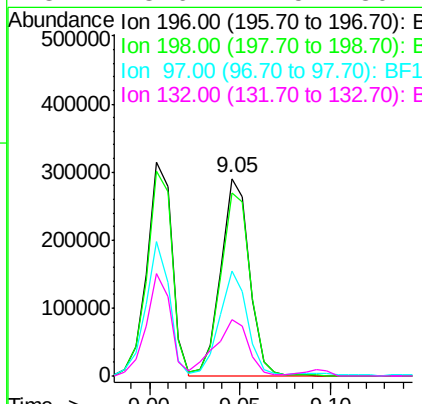
Manual Integrations
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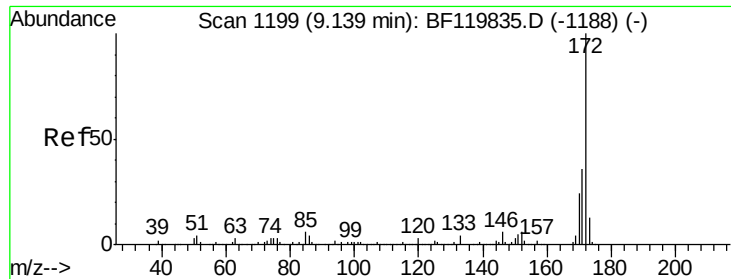
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4/16/2020 12:53:10 PM



#44
2,4,5-Trichlorophenol
Concen: 40.750 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319306		
198	92.9	75.1	112.7	
97	52.9	43.4	65.2	
132	28.6	24.5	36.7	





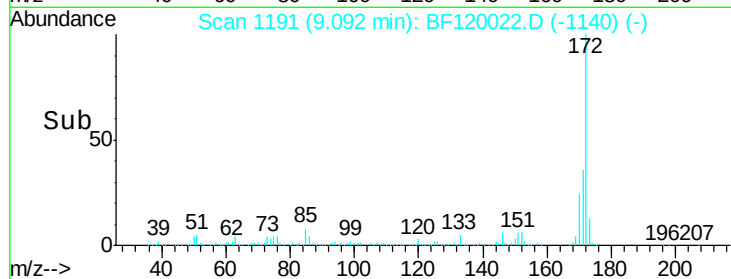
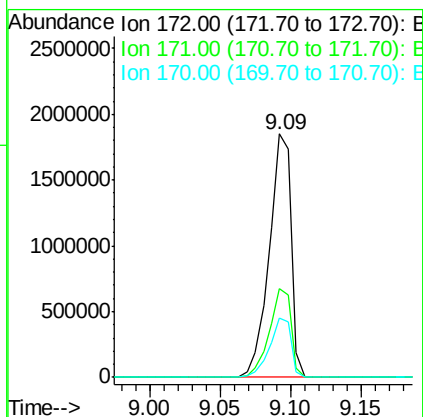
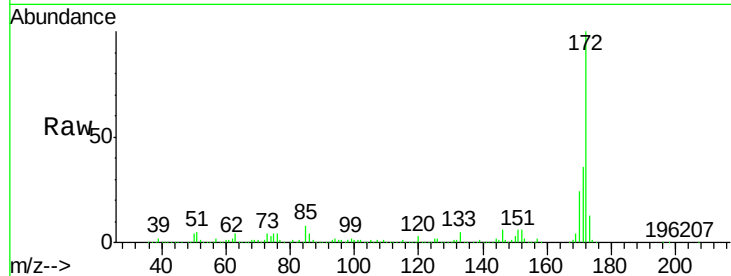
#45
2-Fluorobiphenyl
Concen: 89.738 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.1	19.4	29.2

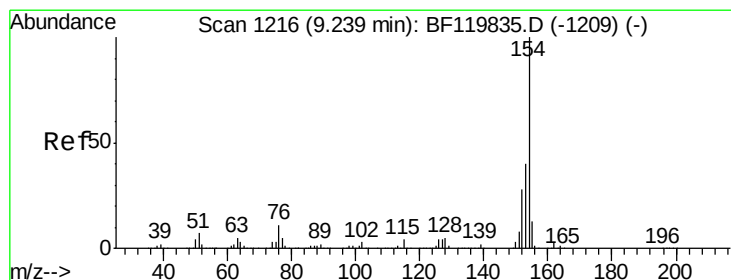
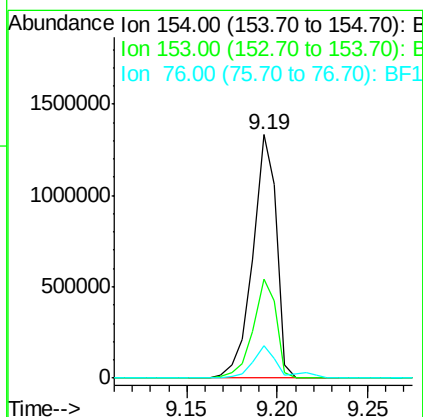
Manual Integrations
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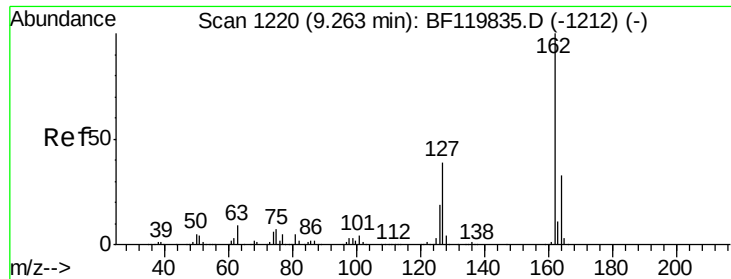
mohammad
4/16/2020 12:53:10 PM



#46
1,1'-Biphenyl
Concen: 44.732 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	13.2	0.0	30.6





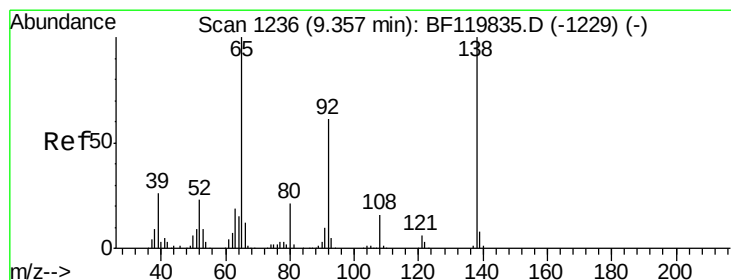
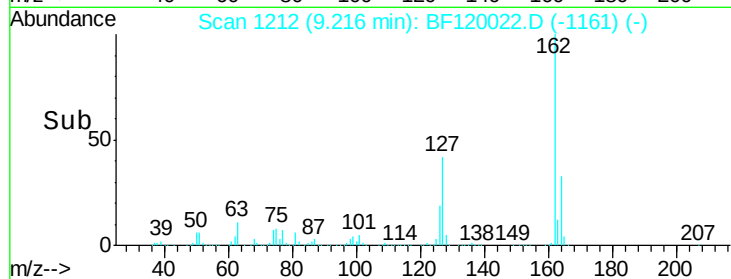
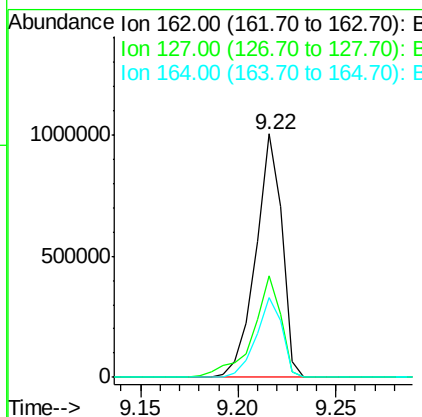
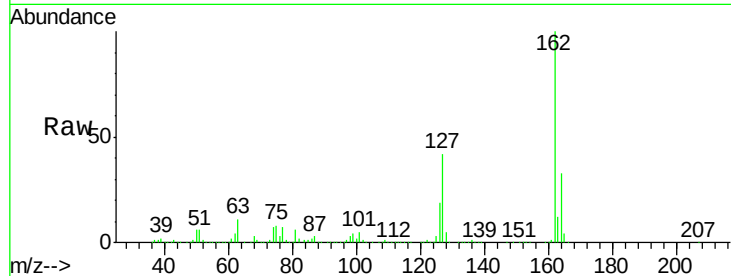
#47
 2-Chloronaphthalene
 Concen: 44.935 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion:	162	Resp:	931969
Ion Ratio	Lower	Upper	
162	100		
127	41.8	31.2	46.8
164	32.7	26.3	39.5

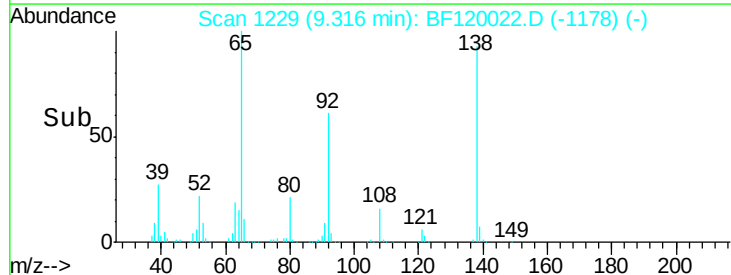
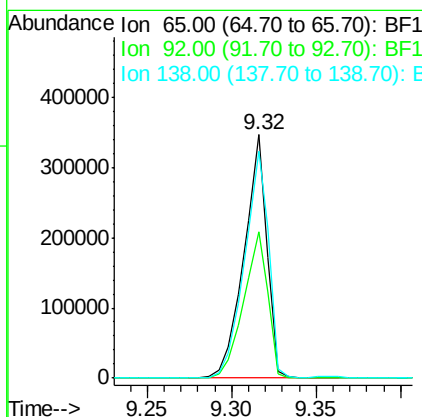
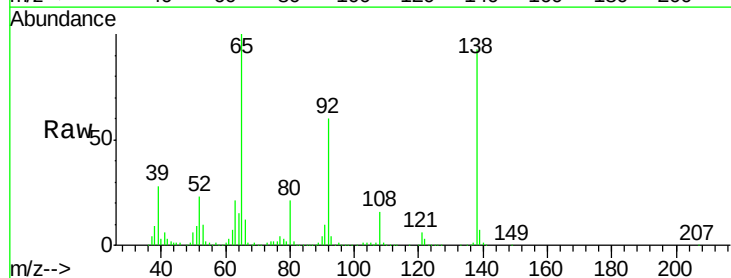
Manual Integrations
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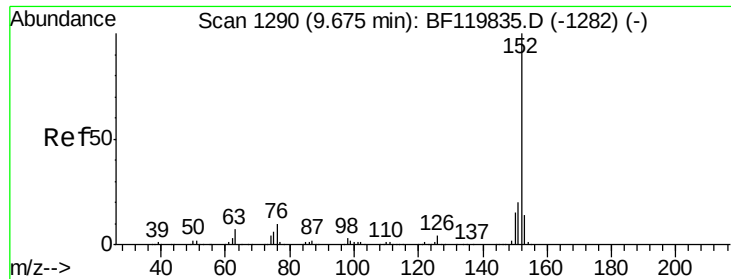
mohammad
 4/16/2020 12:53:10 PM



#48
 2-Nitroaniline
 Concen: 44.104 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion:	65	Resp:	331487
Ion Ratio	Lower	Upper	
65	100		
92	60.3	49.0	73.6
138	93.0	79.7	119.5





#49

Acenaphthylene

Concen: 49.659 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

ClientSampleId :

NCQ-632MS

Tot Ion:152 Resp: 1566364

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

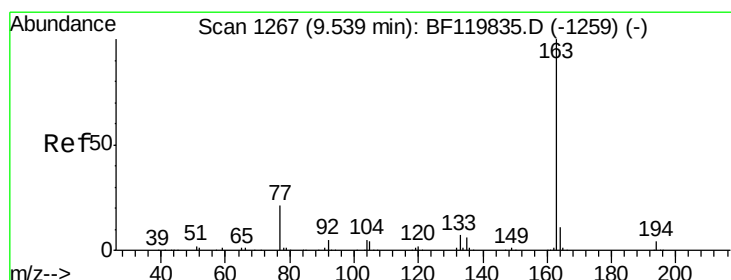
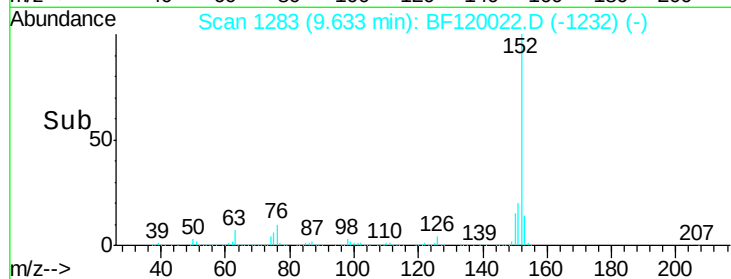
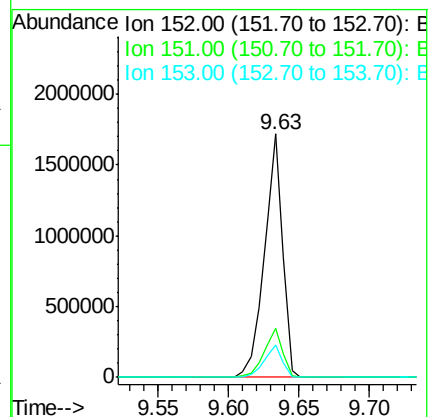
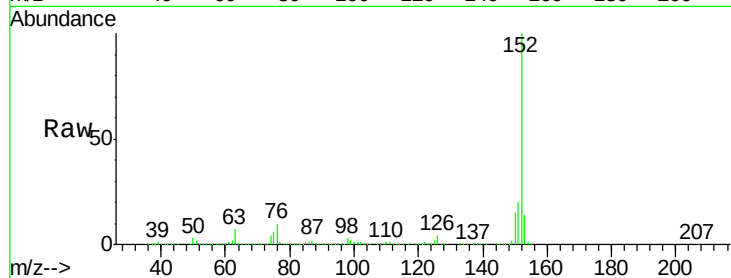
153 13.6 10.9 16.3

Manual Integrations

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#50

Dimethylphthalate

Concen: 56.804 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

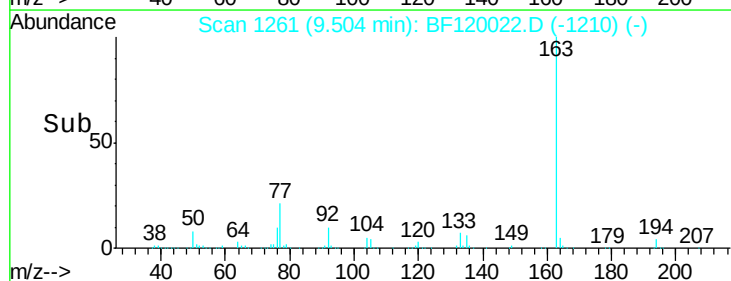
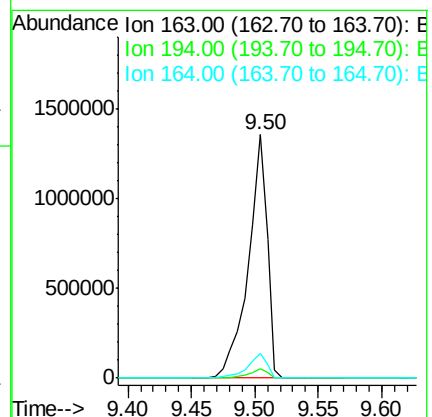
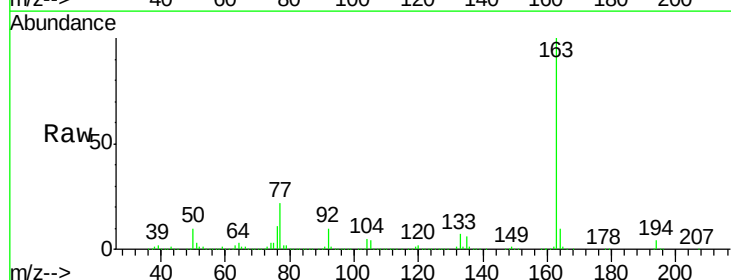
Tgt Ion:163 Resp: 1401488

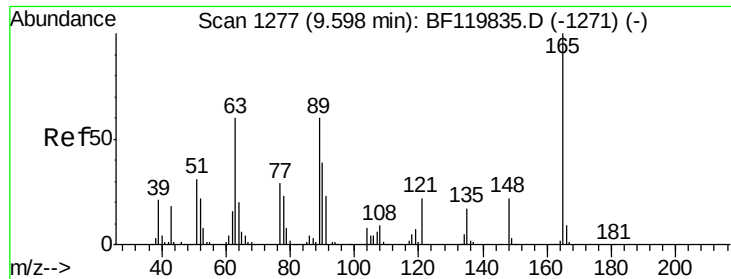
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 8.4 12.6





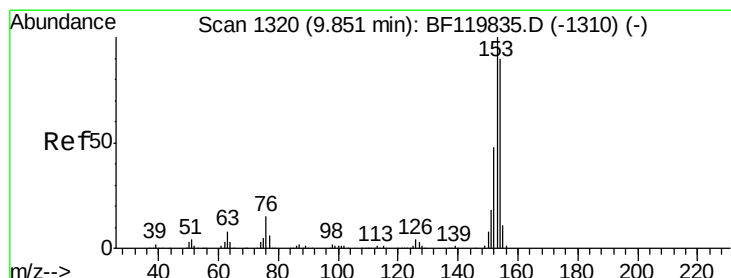
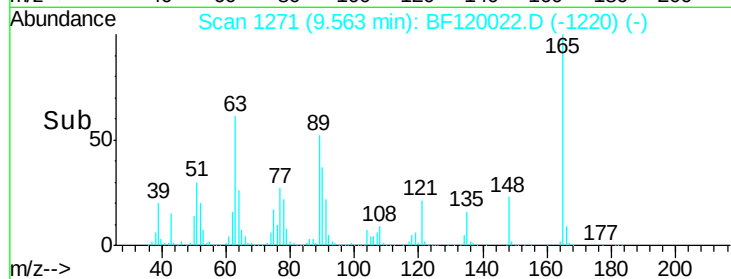
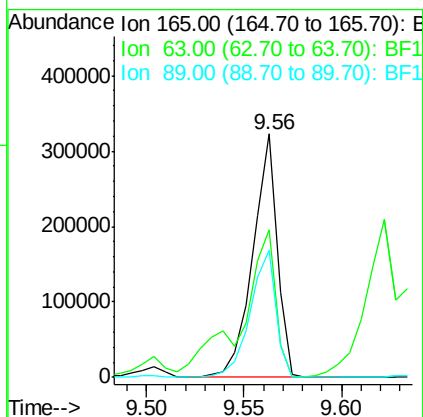
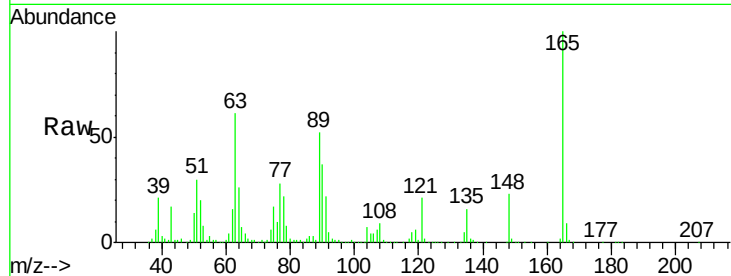
#51
2,6-Dinitrotoluene
Concen: 51.917 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	280501		
63	60.6		55.6	83.4
89	52.4		47.9	71.9

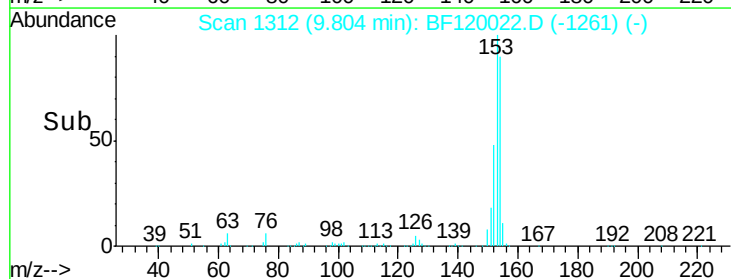
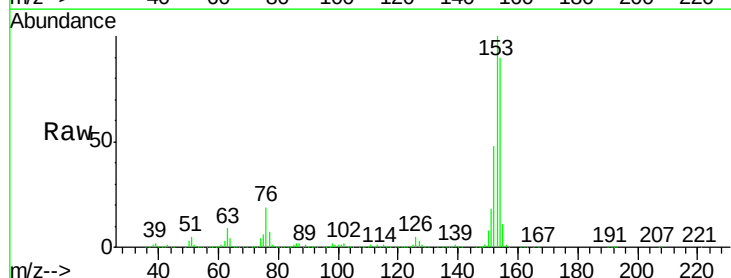
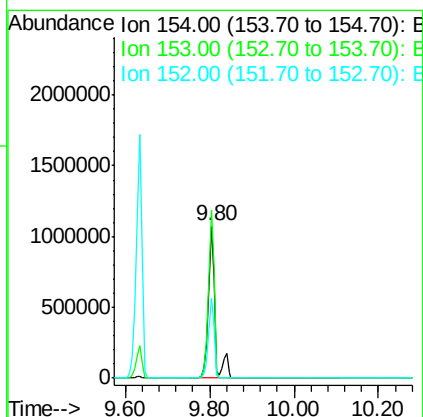
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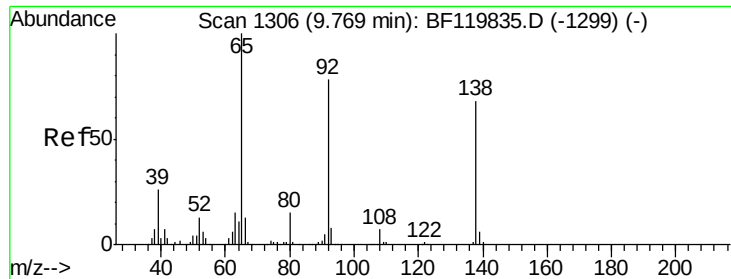
mohammad
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#52
Acenaphthene
Concen: 54.786 ng m
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1152731		
153	111.4		88.8	133.2
152	53.0		42.4	63.6





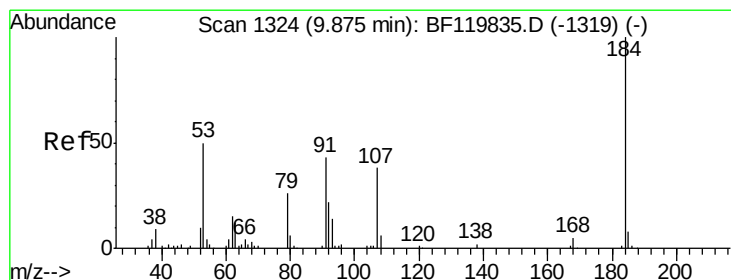
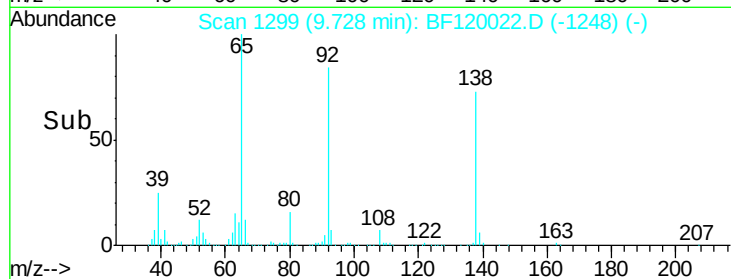
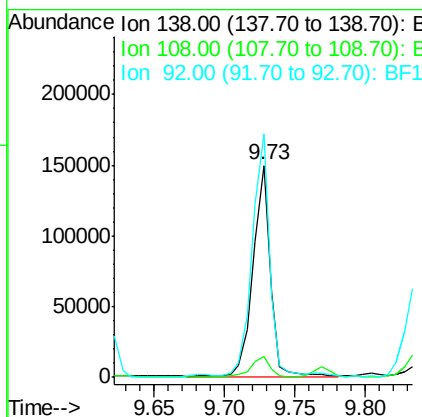
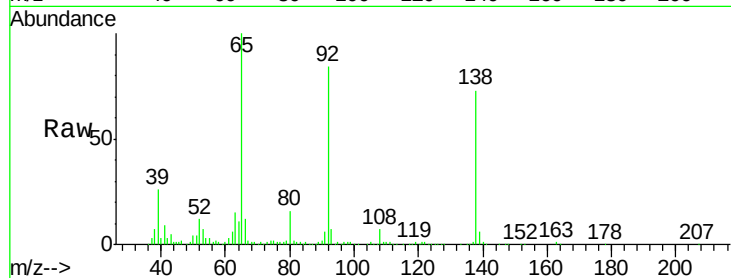
#53
3-Nitroaniline
Concen: 20.910 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	129028		
108	9.9	8.0	12.0	
92	114.8	92.1	138.1	

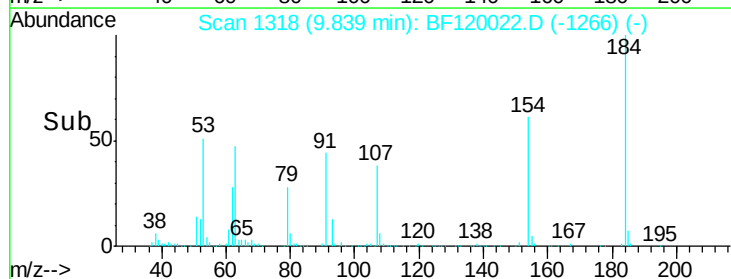
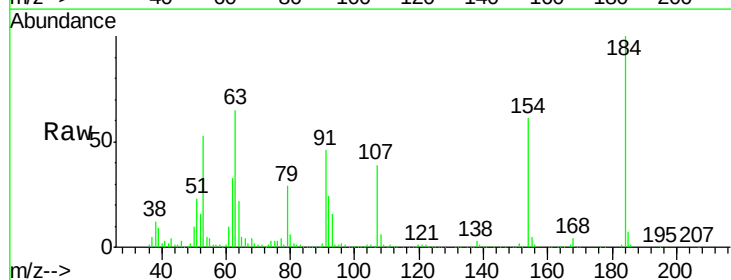
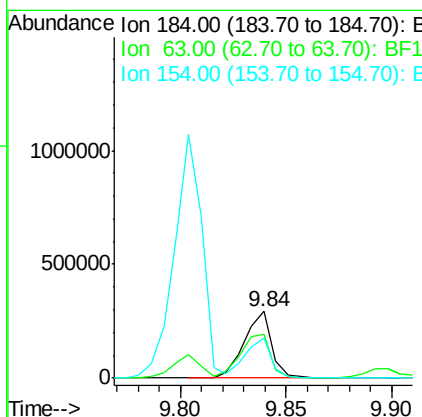
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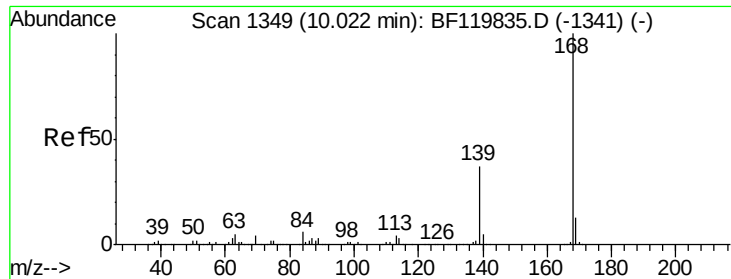
mohammad
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#54
2,4-Dinitrophenol
Concen: 82.023 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	265318		
63	65.5	49.8	74.6	
154	60.7	46.5	69.7	





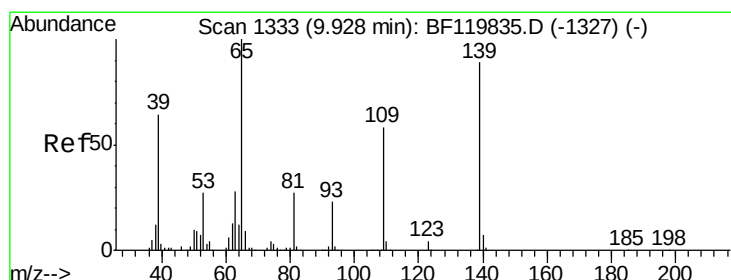
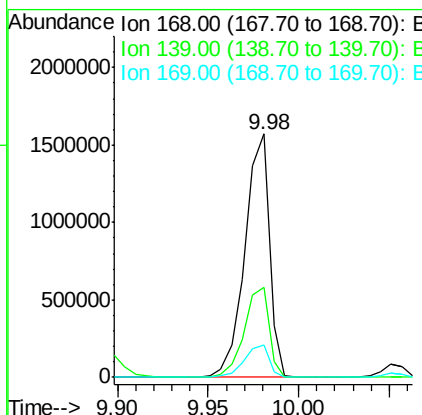
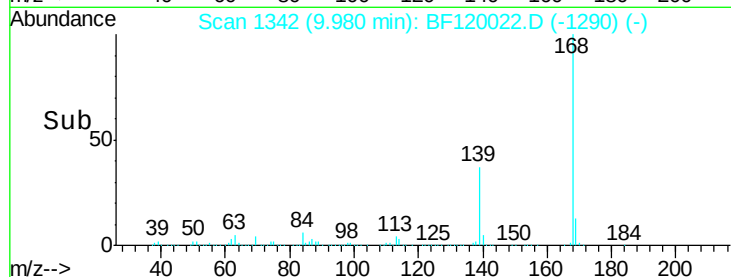
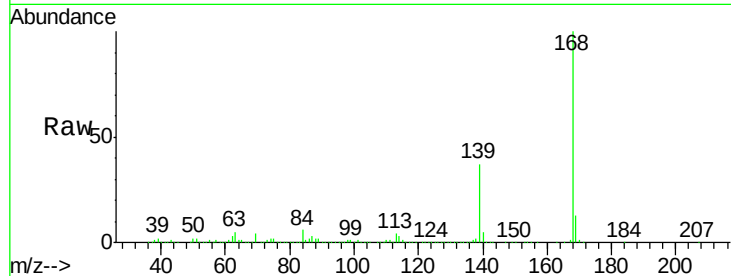
#55
Dibenzofuran
Concen: 51.177 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.8	44.6
169	13.3	10.6	15.8

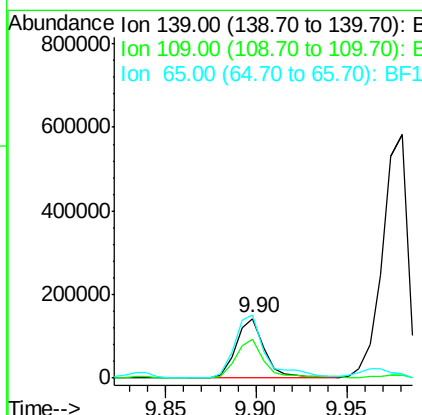
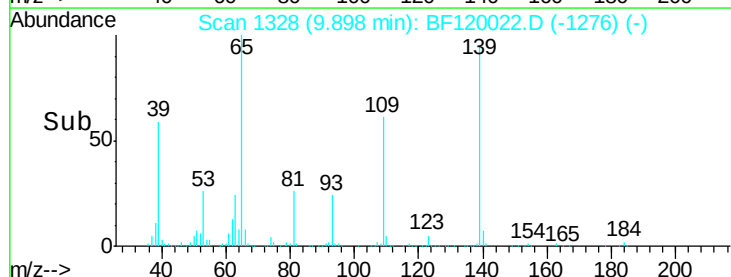
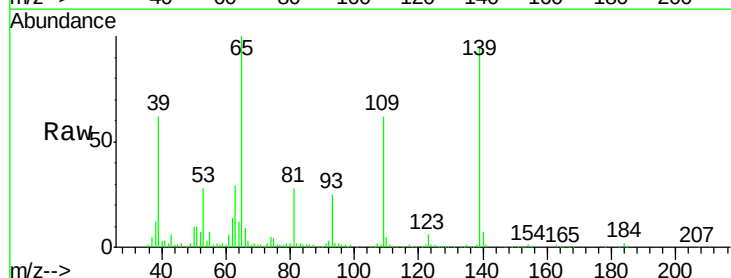
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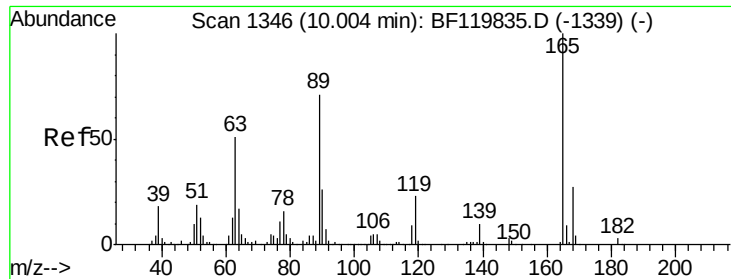
mohammad
4/16/2020 12:53:10 PM



#56
4-Nitrophenol
Concen: 33.474 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	45.5	85.5
65	105.3	92.3	132.3





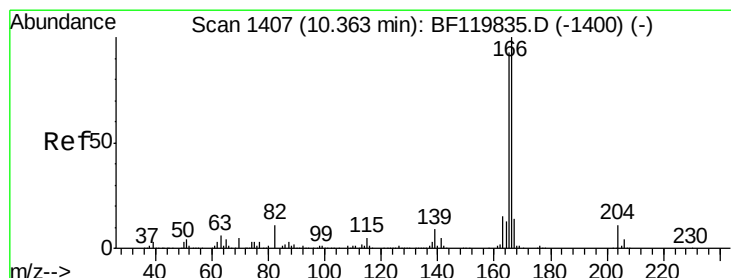
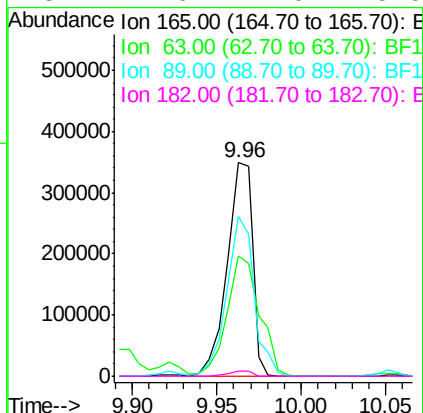
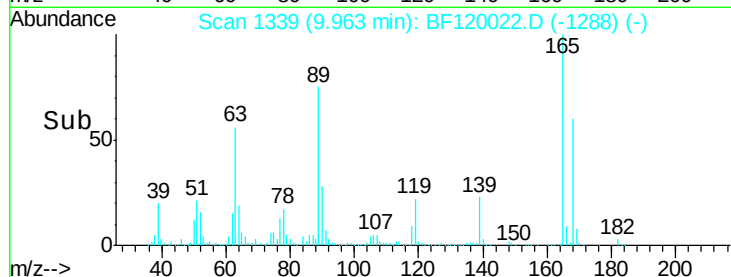
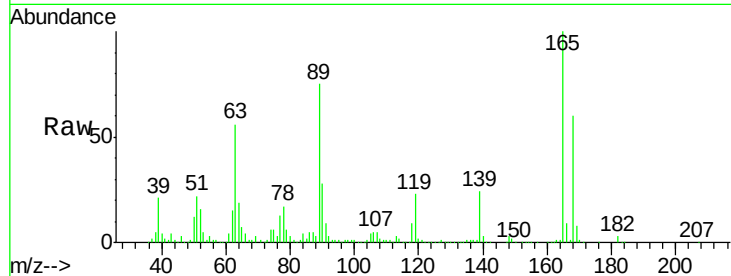
#57
 2,4-Dinitrotoluene
 Concen: 51.107 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		363793		
63	56.1	40.8	61.2		
89	75.1	56.9	85.3		
182	2.6	2.0	3.0		

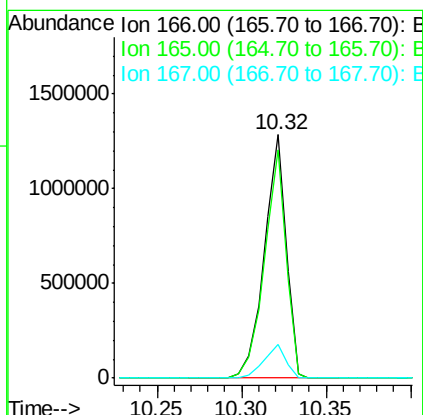
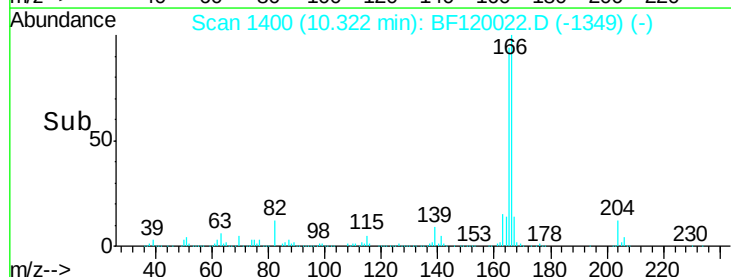
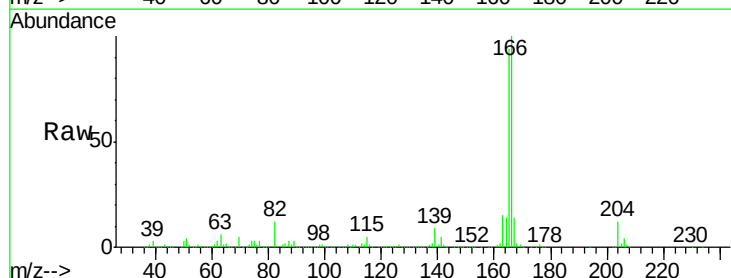
Manual Integrations
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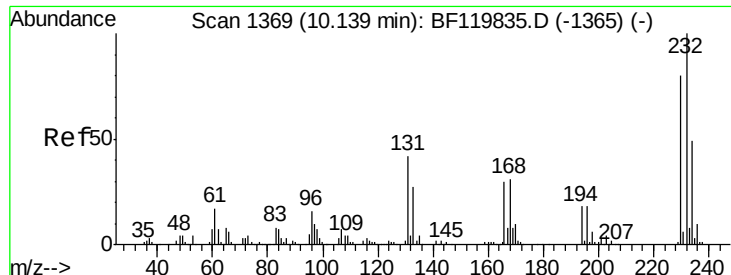
mohammad
 4/16/2020 12:53:10 PM



#58
 Fluorene
 Concen: 49.703 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1147707		
165	93.8	74.2	111.2		
167	13.6	10.8	16.2		





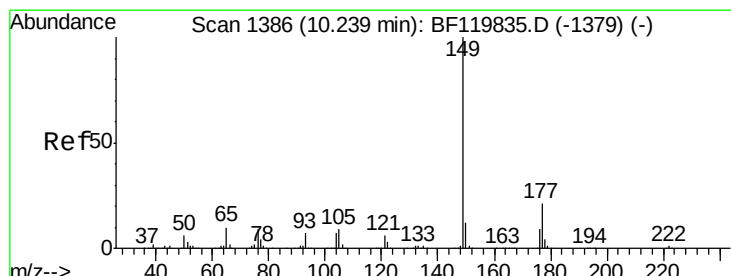
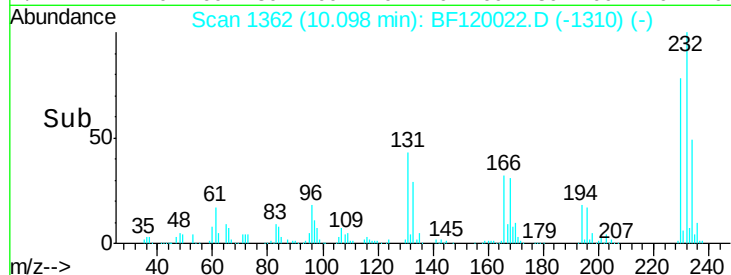
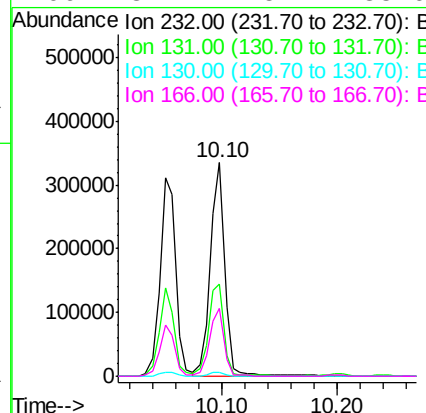
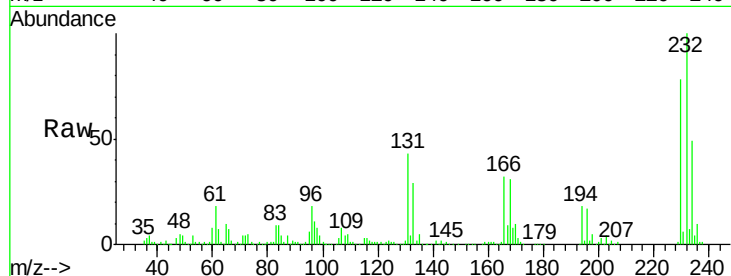
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.863 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampled :
 NCQ-632MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		292830		
131	45.4	37.9	56.9		
130	2.4	1.8	2.6		
166	32.2	25.4	38.0		

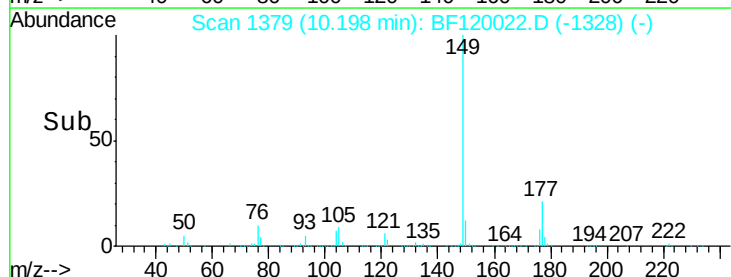
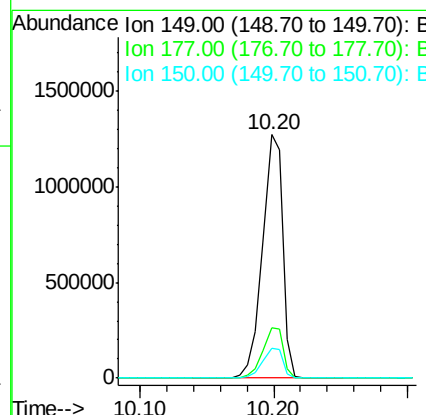
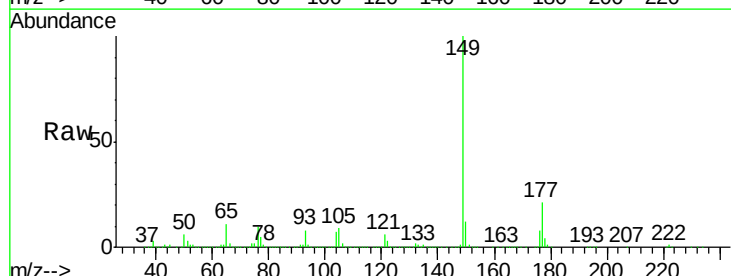
Manual Integrations
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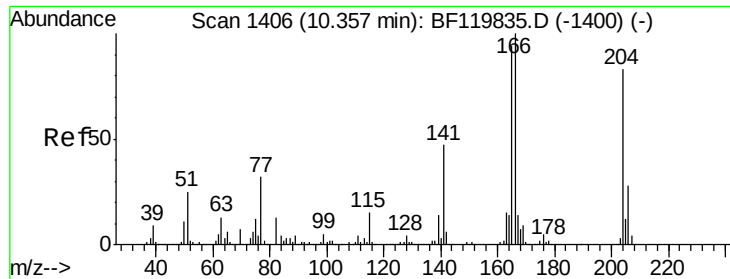
mohammad
 4/16/2020 12:53:10 PM



#60
 Diethylphthalate
 Concen: 51.539 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1317930		
177	20.7	16.8	25.2		
150	12.5	9.8	14.6		





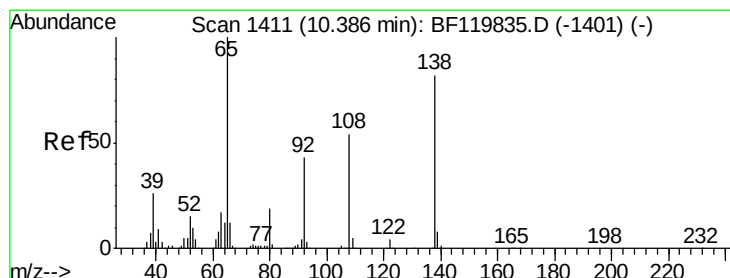
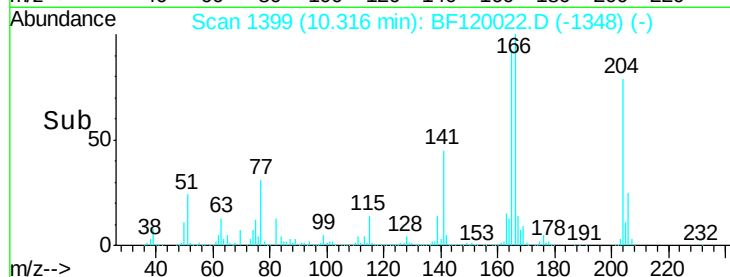
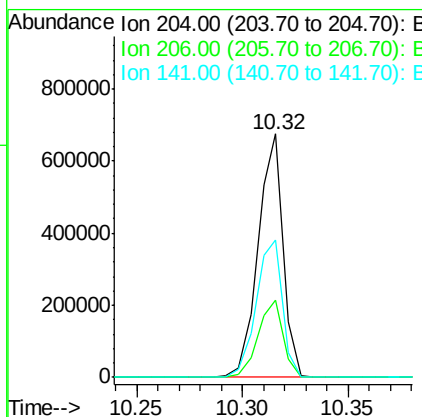
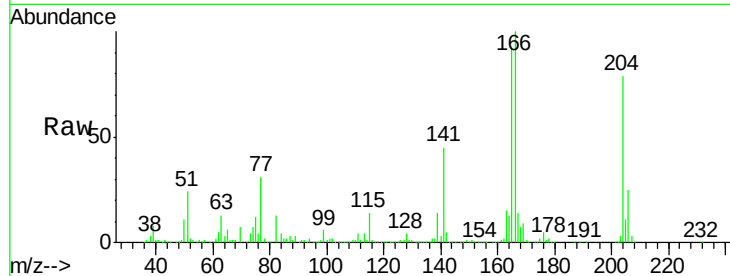
#61
 4-Chlorophenyl-phenylether
 Concen: 46.908 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.7	40.1
141	56.6	45.8	68.8

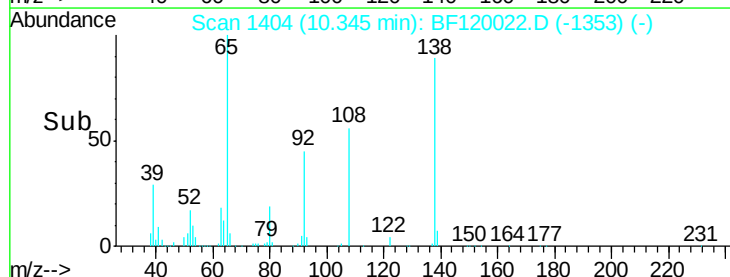
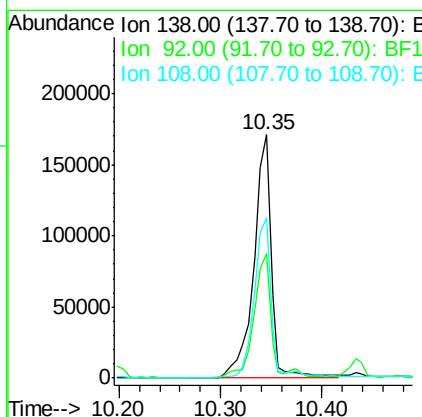
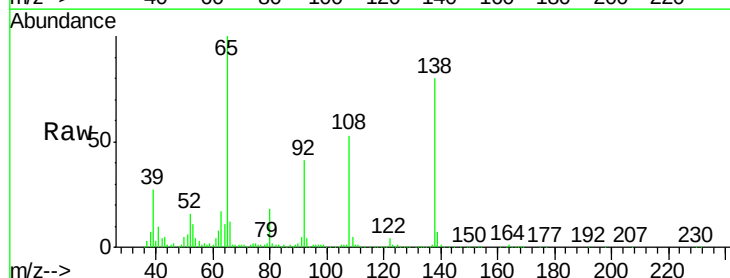
Manual Integrations
 APPROVED

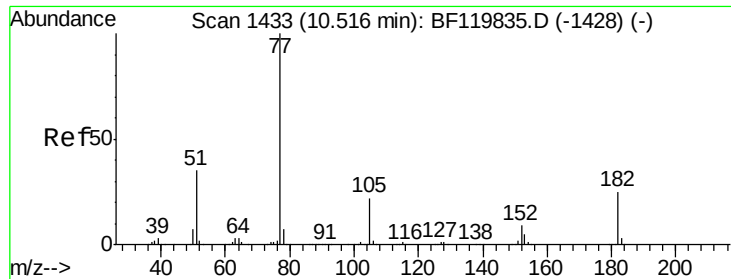
mohammad
 4/16/2020 12:53:10 PM



#62
 4-Nitroaniline
 Concen: 34.636 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	31.6	71.6
108	65.9	45.2	85.2





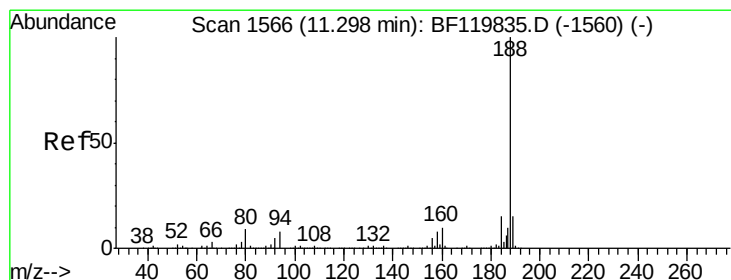
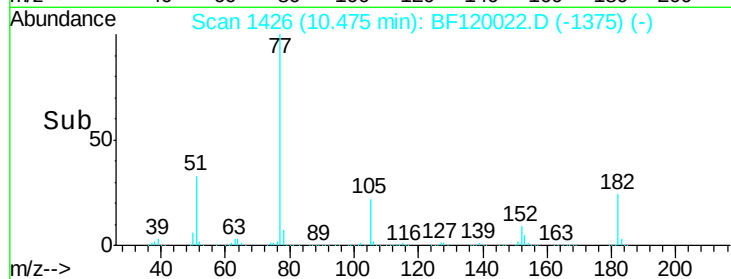
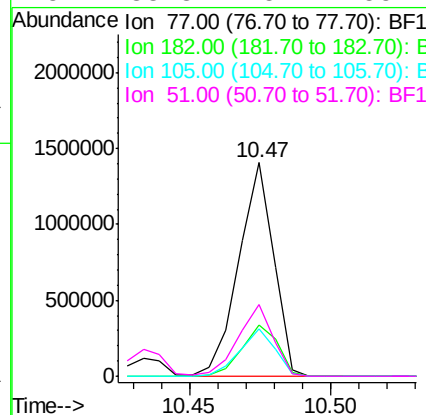
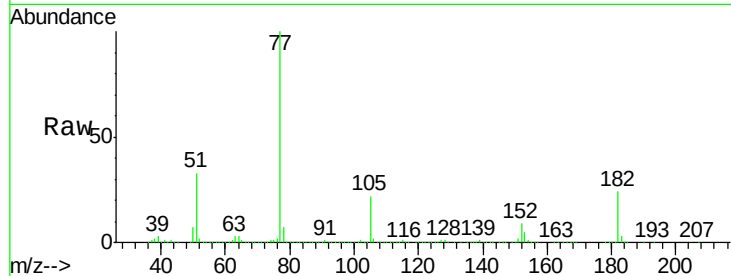
#63
Azobenzene
Concen: 52.588 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion:	77	Resp:	1205142
Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.5	44.5
105	22.1	2.2	42.2
51	33.3	15.1	55.1

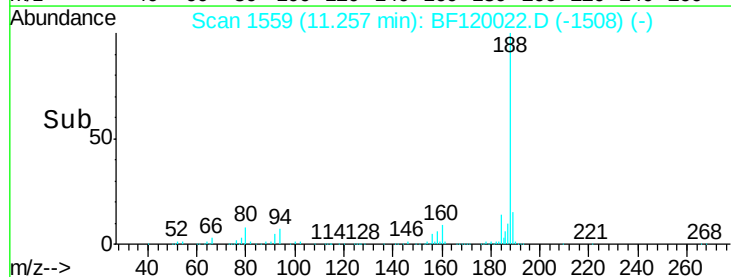
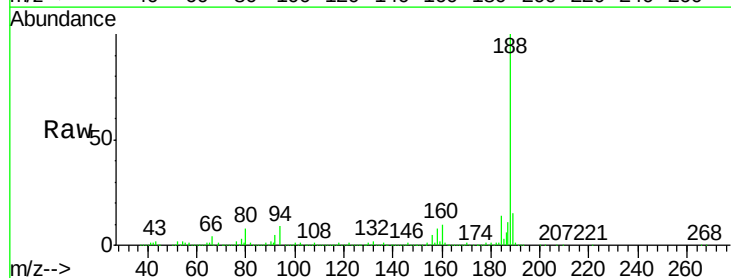
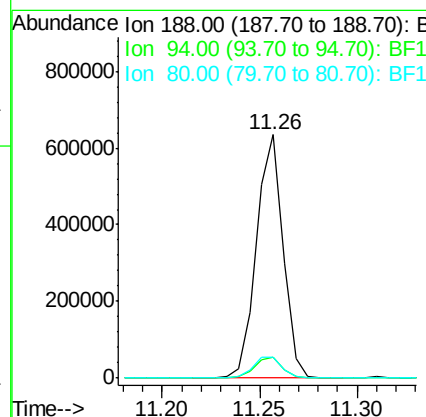
Manual Integrations
APPROVED

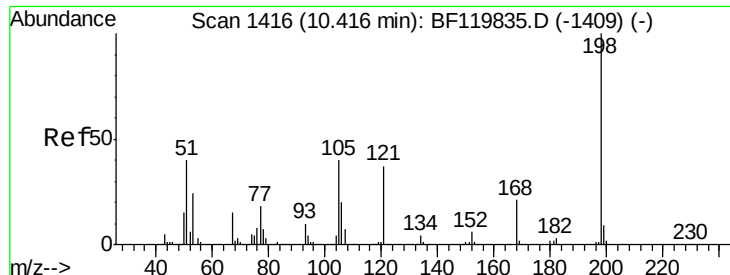
mohammad
4/16/2020 12:53:10 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion:	188	Resp:	598309
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.5	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 46.086 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

ClientSampleId :

NCQ-632MS

Tot Ion:198 Resp: 181657

Ion Ratio Lower Upper

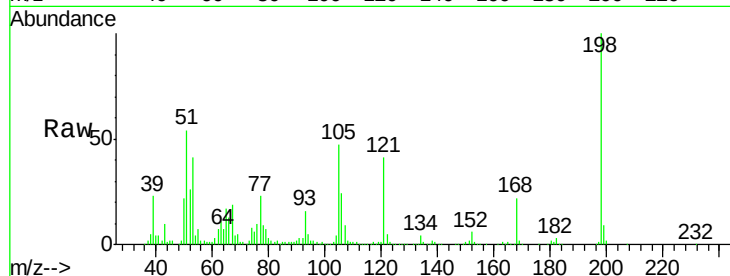
198 100

51 54.3 25.2 65.2

105 46.7 20.8 60.8

Manual Integrations
APPROVED

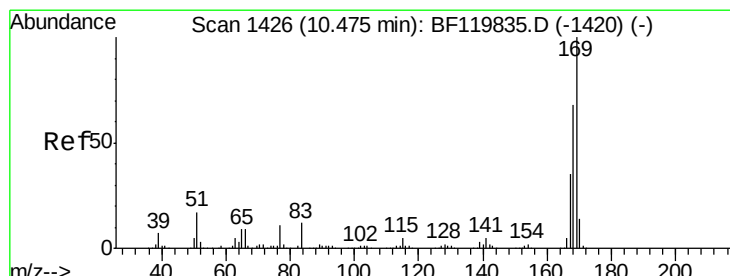
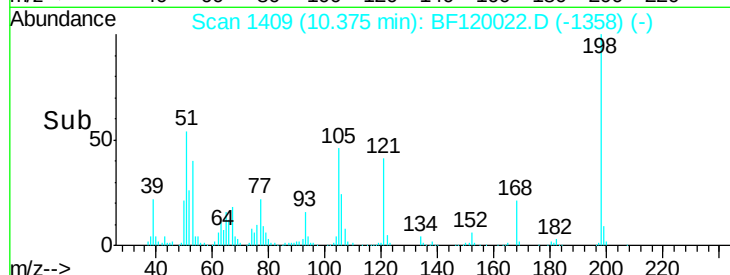
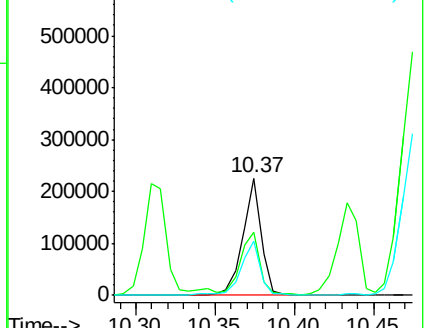
mohammad
4/16/2020 12:53:10 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.976 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tgt Ion:169 Resp: 1034214

Ion Ratio Lower Upper

169 100

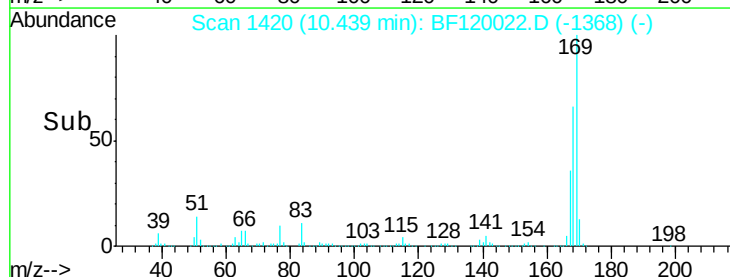
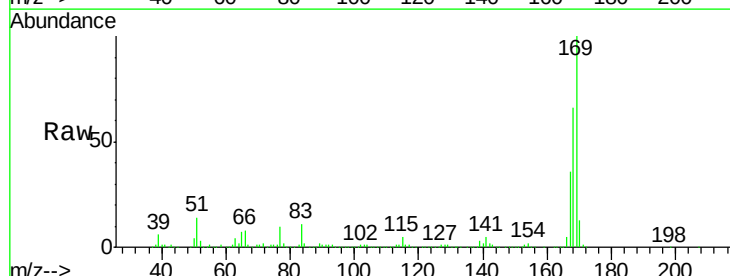
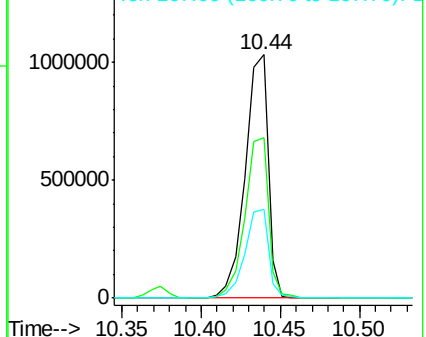
168 65.9 54.2 81.4

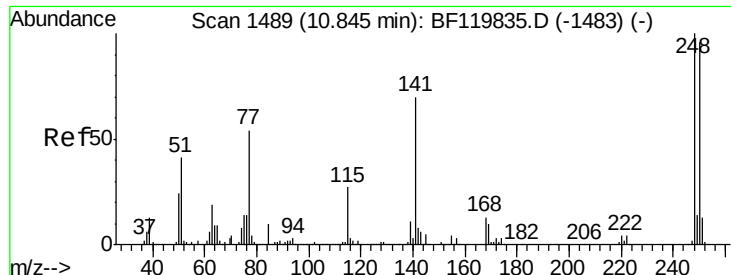
167 36.5 28.3 42.5

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





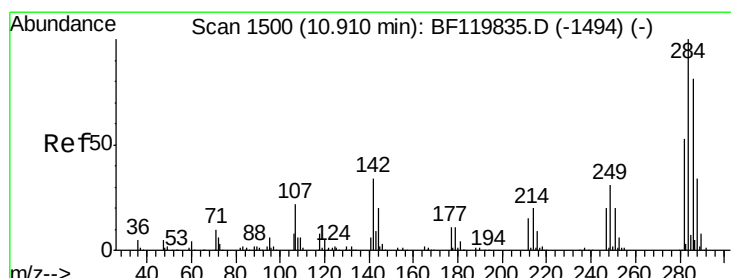
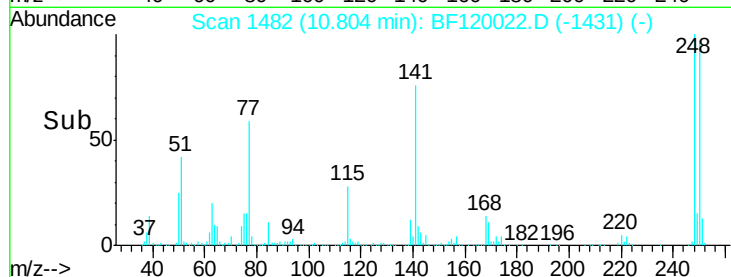
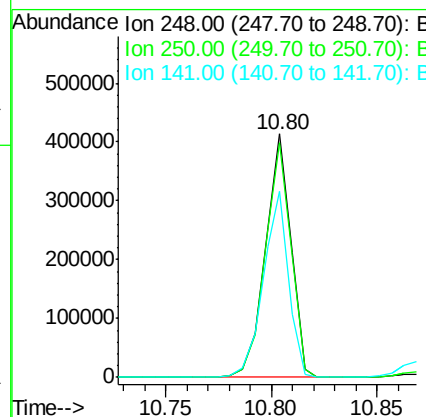
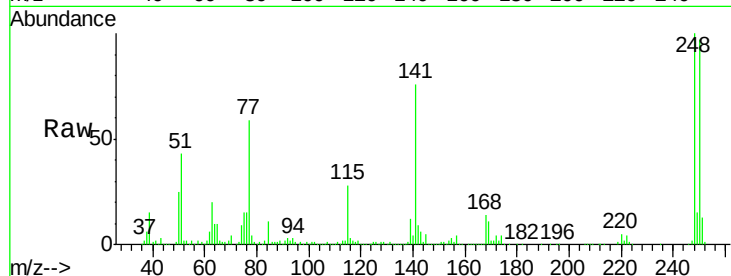
#67
4-Bromophenyl-phenylether
Concen: 46.755 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampled :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.6	114.8
141	76.4	55.9	83.9

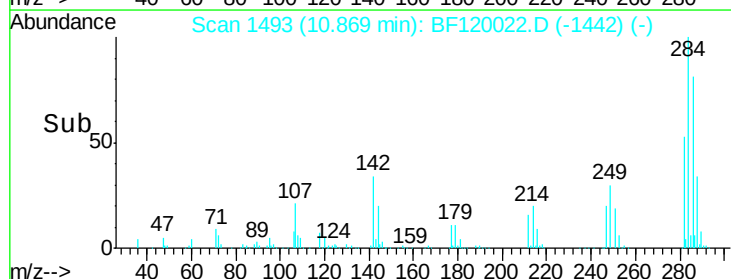
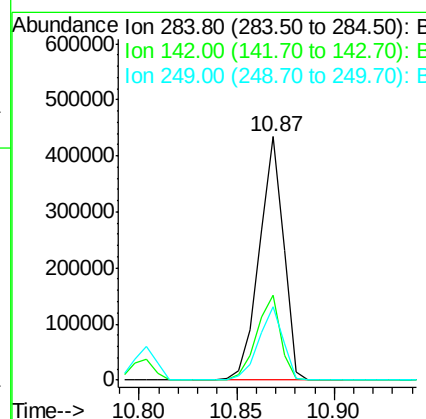
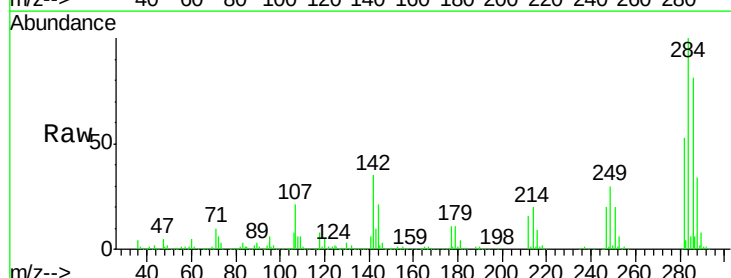
Manual Integrations
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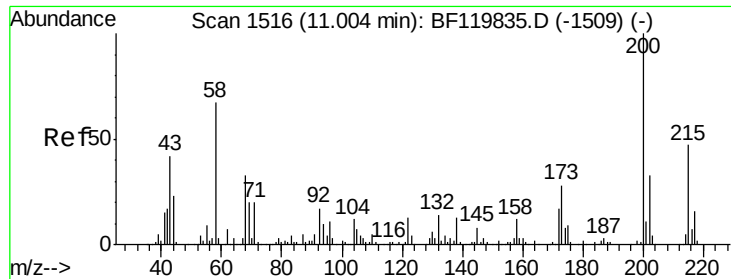
mohammad
4/16/2020 12:53:10 PM



#68
Hexachlorobenzene
Concen: 49.616 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	26.9	40.3
249	30.3	24.6	37.0





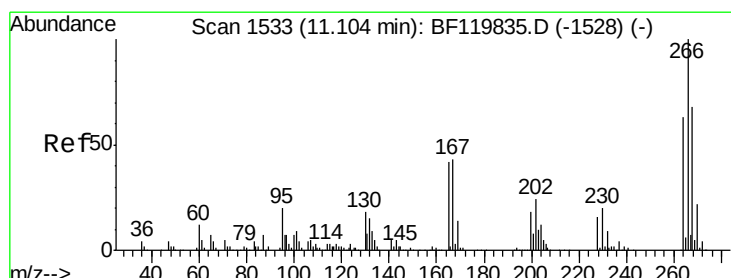
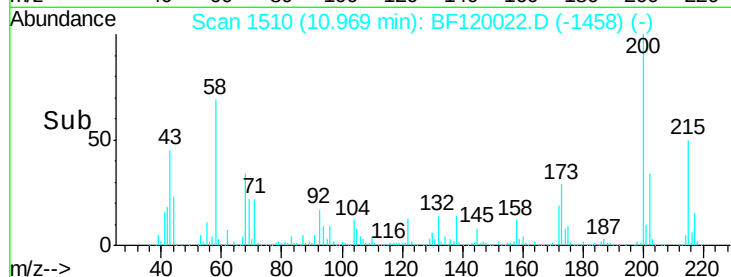
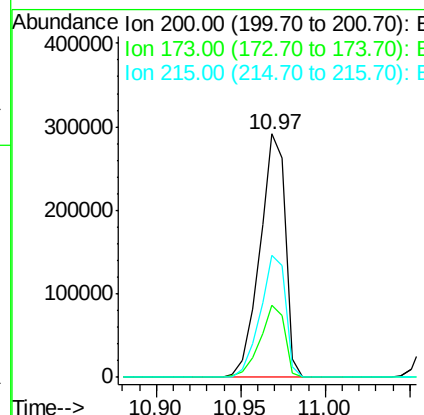
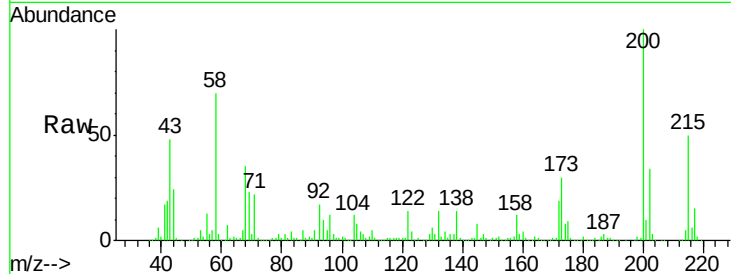
#69
 Atrazine
 Concen: 55.397 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.6	8.0	48.0
215	50.2	27.1	67.1

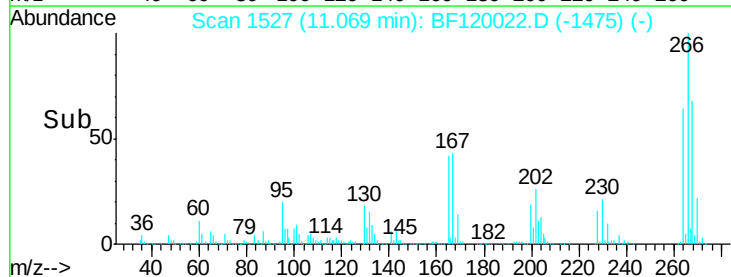
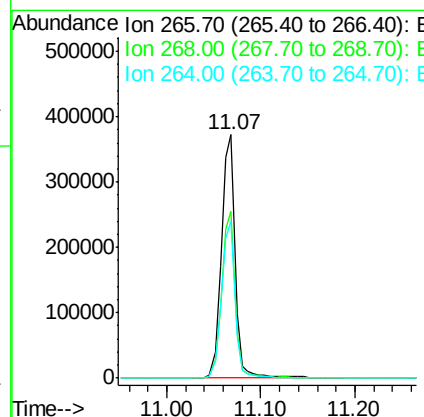
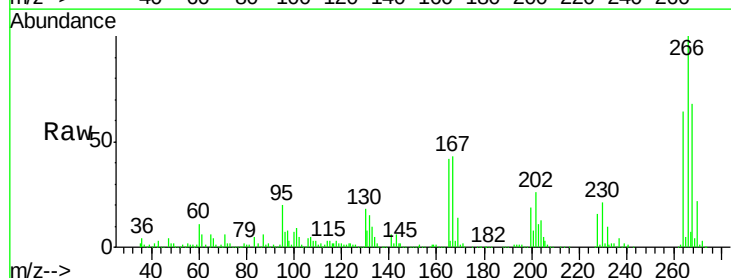
Manual Integrations
 APPROVED

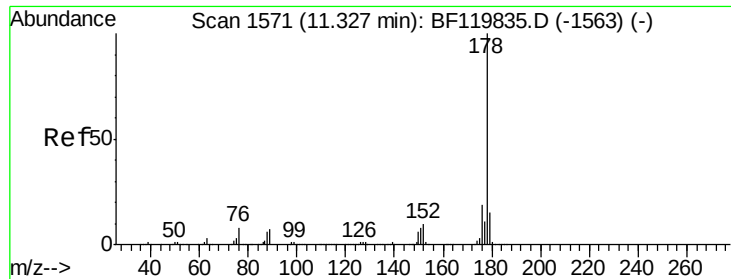
mohammad
 4/16/2020 12:53:10 PM



#70
 Pentachlorophenol
 Concen: 88.780 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.3	54.2	81.4
264	64.2	50.6	76.0





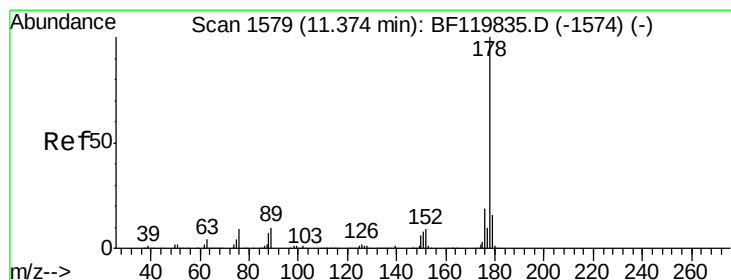
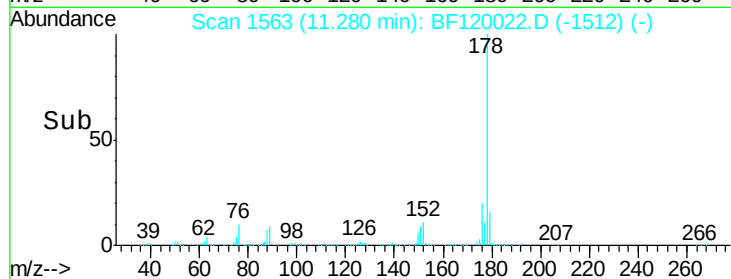
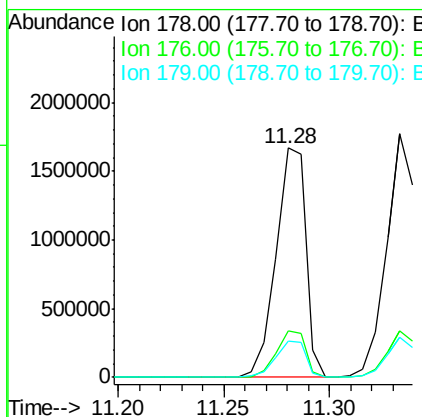
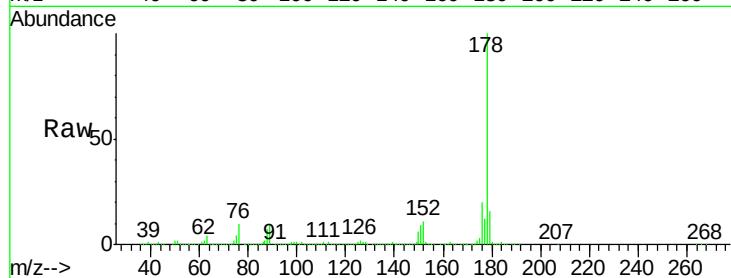
#71
Phenanthrene
Concen: 51.724 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion:178 Resp: 1647019
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 15.9 12.2 18.4

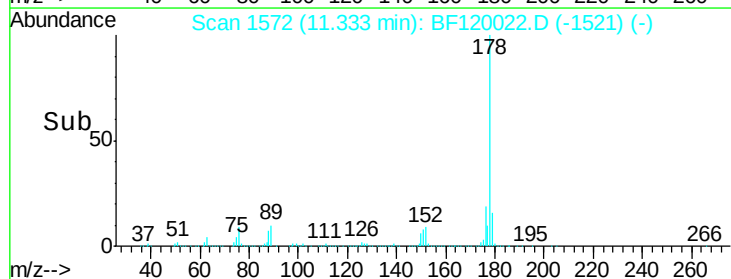
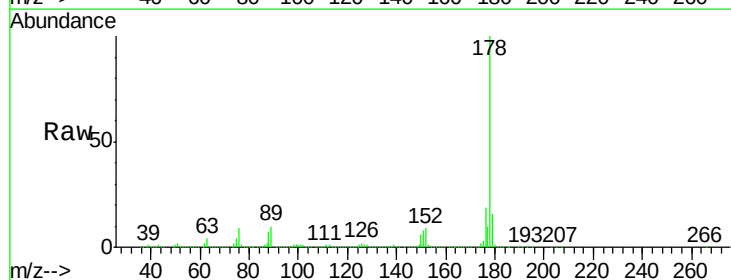
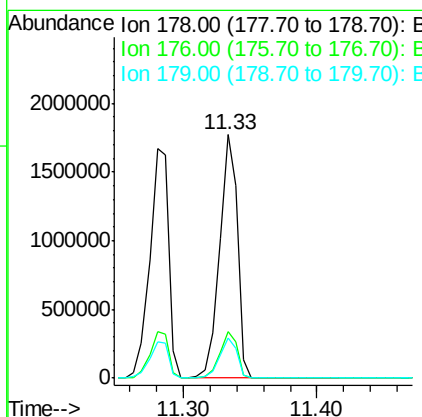
Manual Integrations
APPROVED

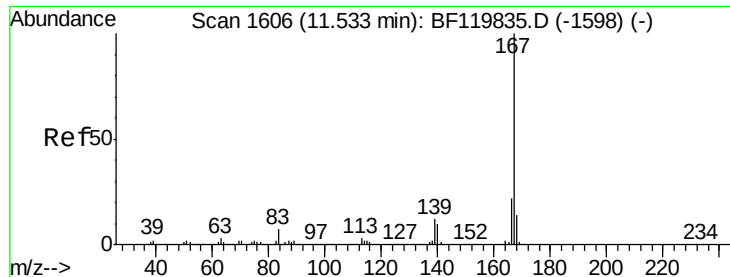
mohammad
4/16/2020 12:53:10 PM



#72
Anthracene
Concen: 51.375 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion:178 Resp: 1671189
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.4 12.8 19.2





#73

Carbazole

Concen: 48.424 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

ClientSampleId :

NCQ-632MS

Tot Ion:167 Resp: 1489597

Ion Ratio Lower Upper

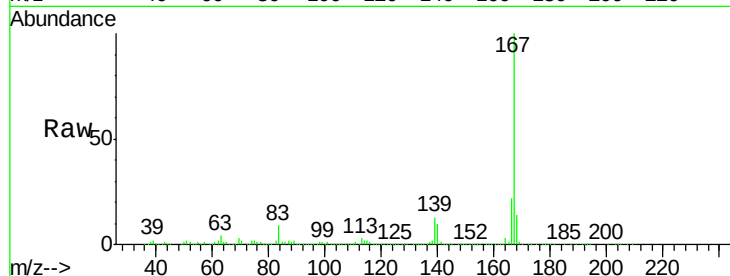
167 100

166 22.4 17.4 26.0

139 13.3 9.8 14.8

Manual Integrations
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mohammad
4/16/2020 12:53:10 PM

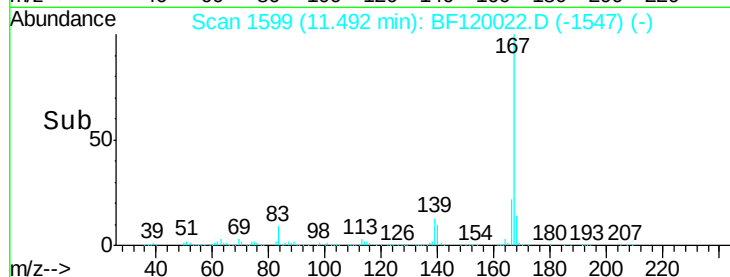


Abundance Ion 167.00 (166.70 to 167.70): E

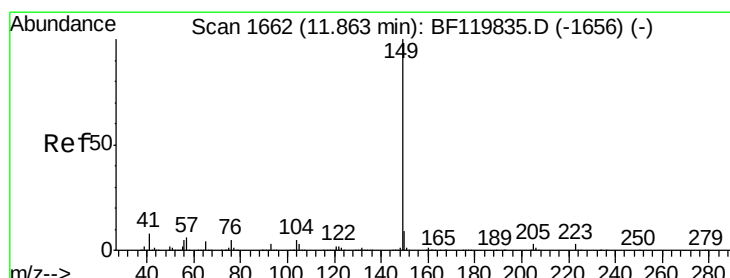
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#74

Di-n-butylphthalate

Concen: 52.057 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

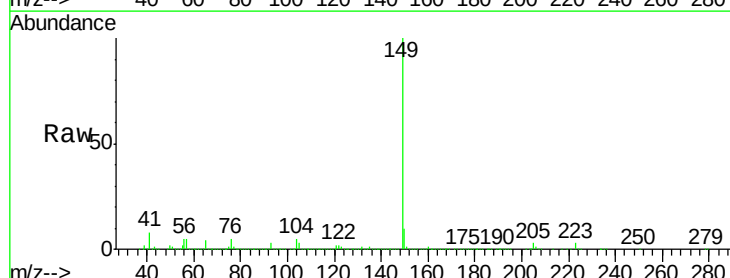
Tgt Ion:149 Resp: 2105160

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 4.7 3.8 5.6

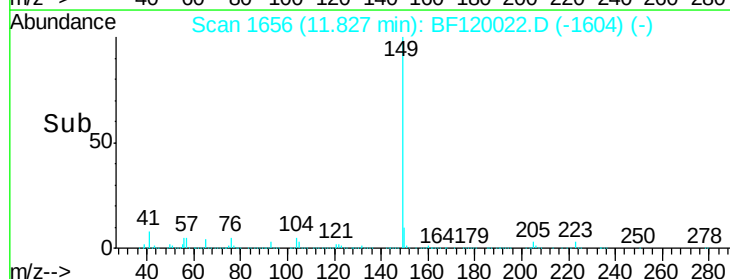


Abundance Ion 149.00 (148.70 to 149.70): E

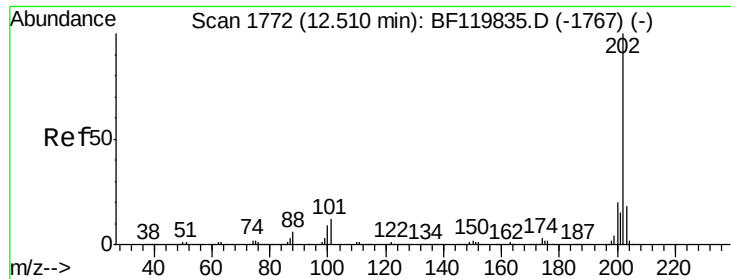
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#75

Fluoranthene

Concen: 50.134 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

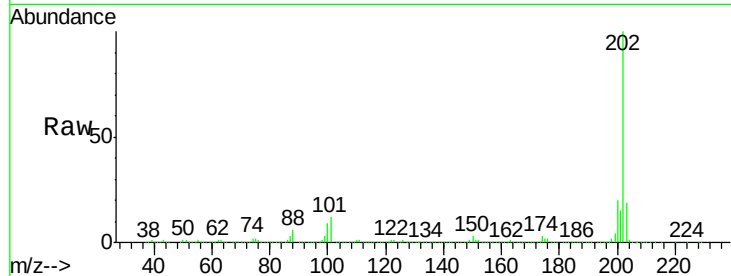
ClientSampleId :

NCQ-632MS

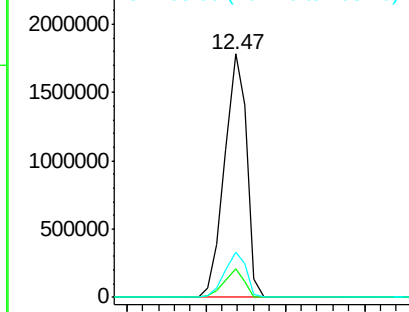
Tot Ion:	202	Resp:	1722501
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.3
203	18.6	0.0	37.6

Manual Integrations
APPROVED

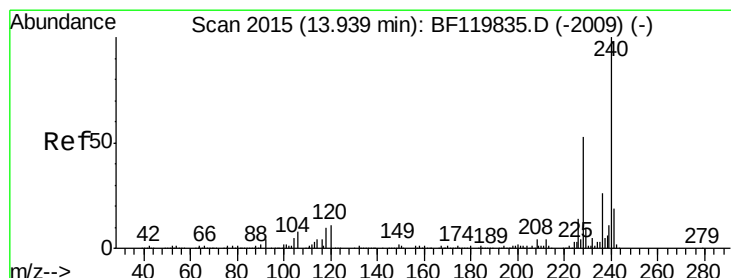
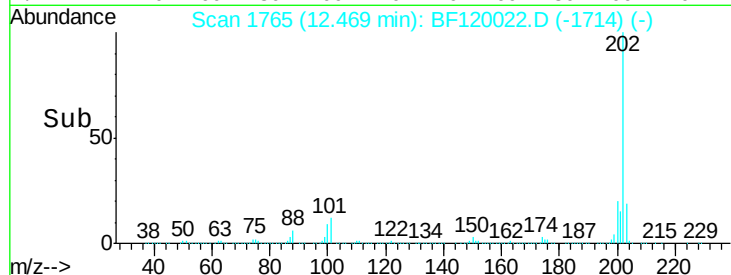
mohammad
4/16/2020 12:53:10 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.40 12.45 12.50 12.55



#76

Chrysene-d12

Concen: 20.000 ng

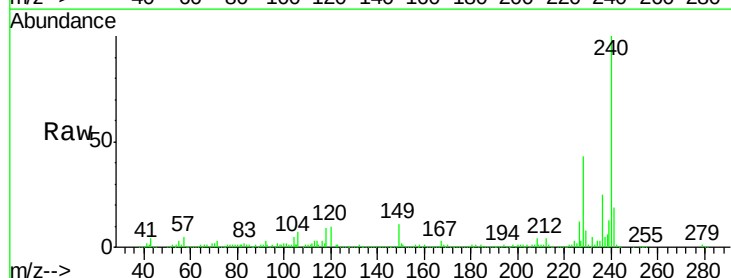
RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

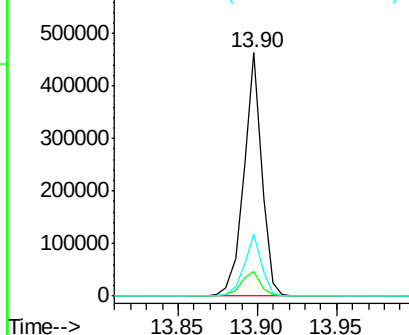
Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

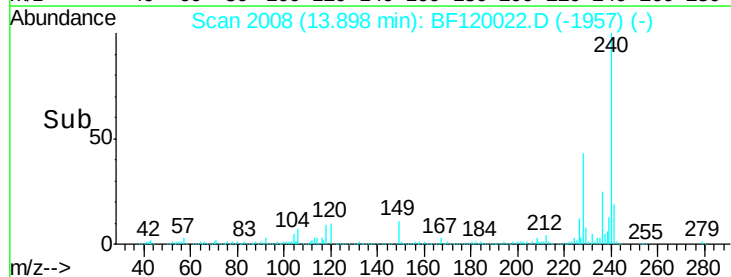
Tgt Ion:	240	Resp:	359523
Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.6
236	25.2	20.7	31.1

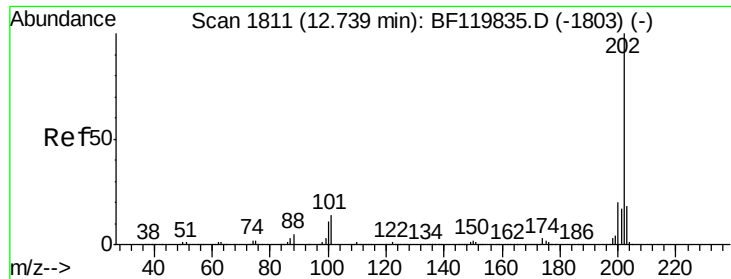


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.85 13.90 13.95





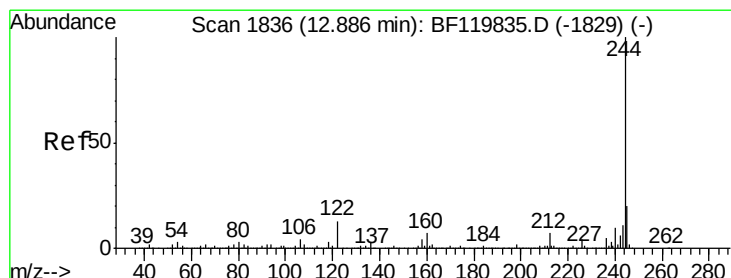
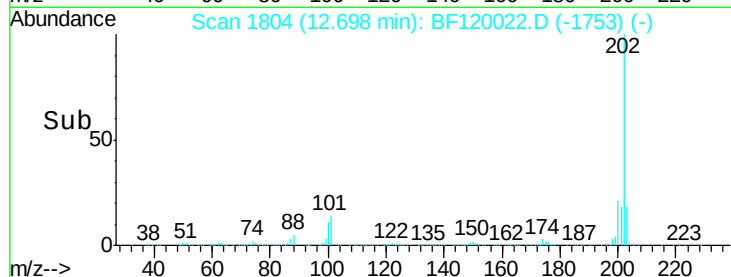
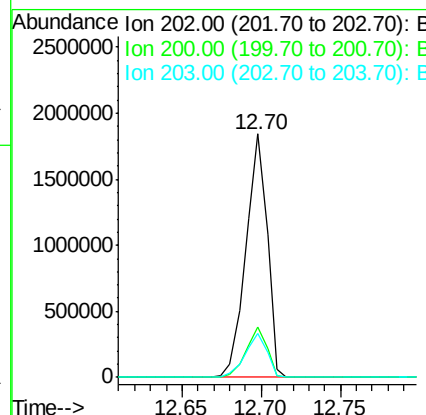
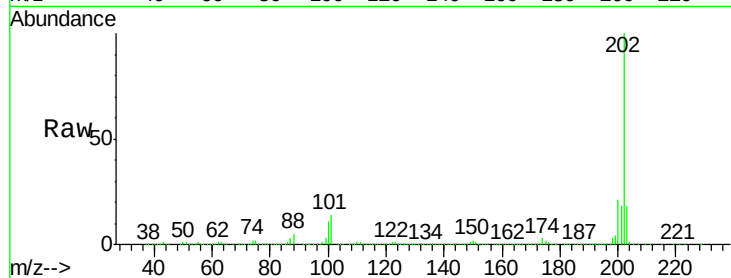
#78
Pvrene
Concen: 56.251 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampled :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.2	24.2
203	17.8	14.1	21.1

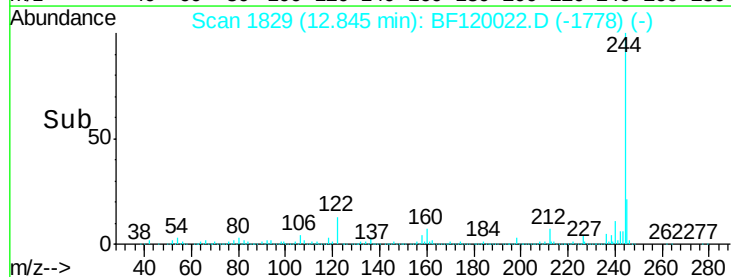
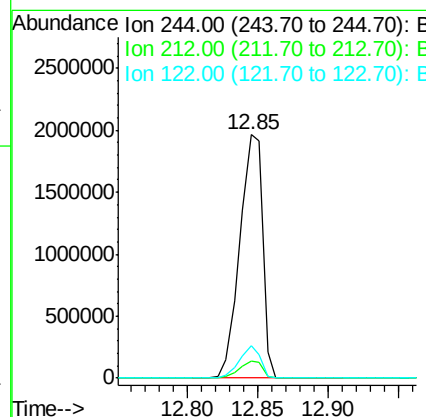
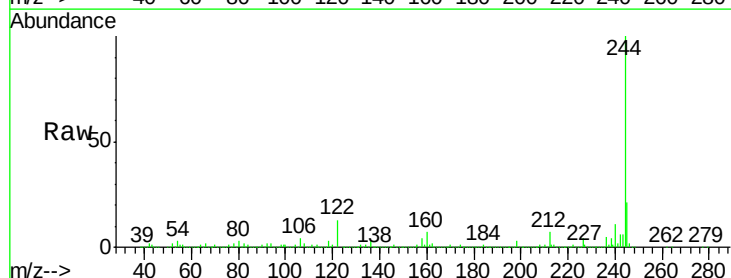
Manual Integrations
APPROVED

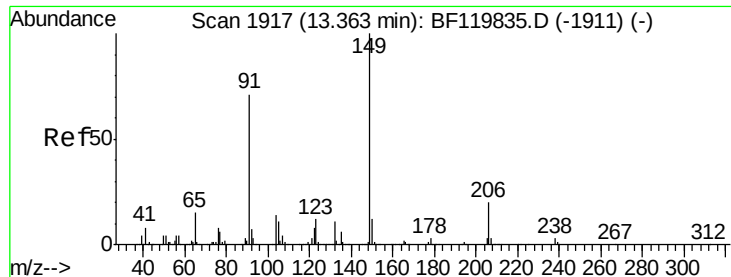
mohammad
4/16/2020 12:53:10 PM



#79
Terphenyl-d14
Concen: 103.262 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.3	10.3	15.5





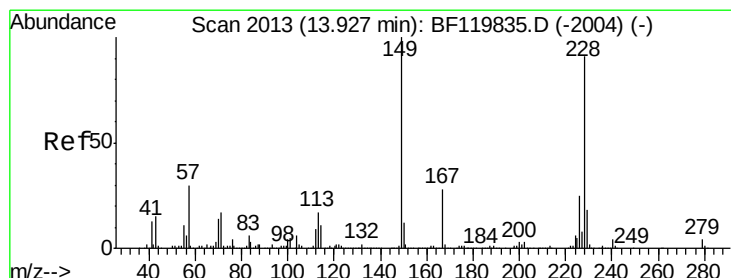
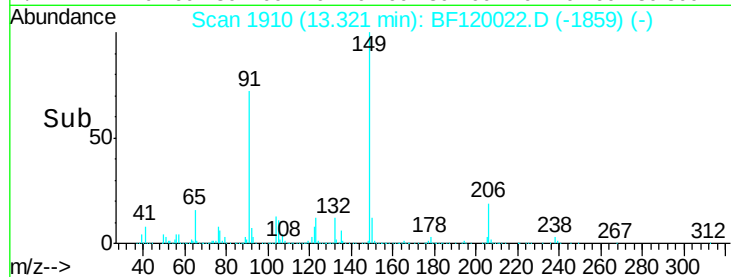
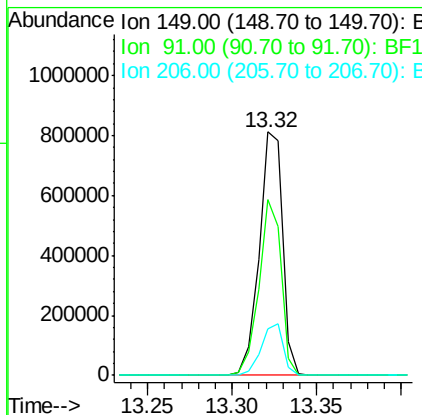
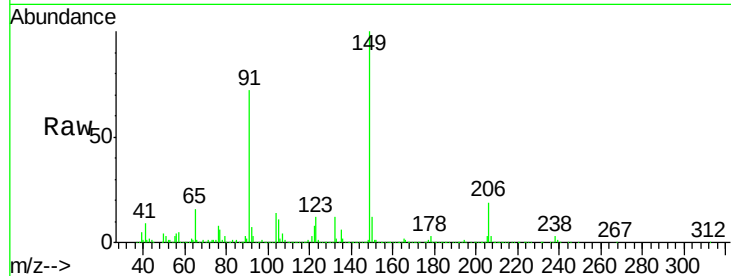
#80
Butylbenzylphthalate
Concen: 52.803 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.4	56.7	85.1
206	19.2	15.7	23.5

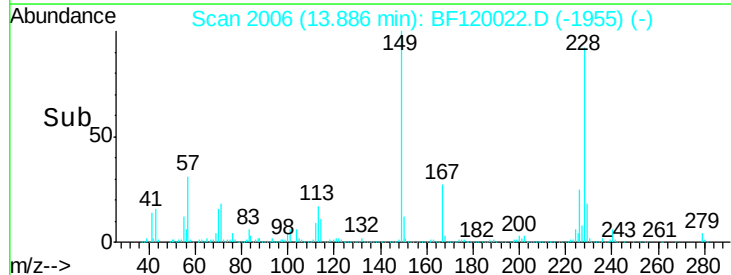
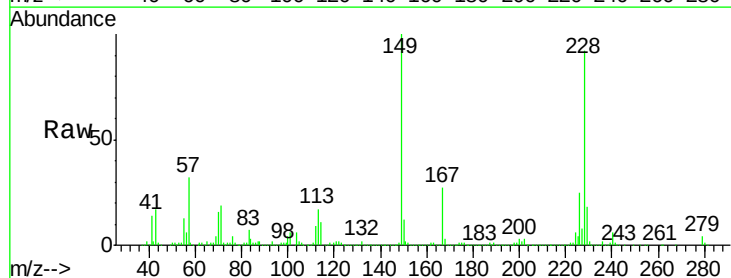
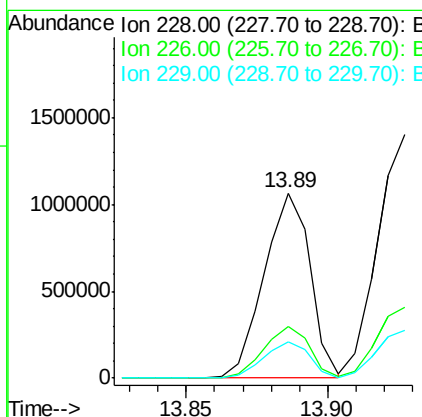
Manual Integrations
APPROVED

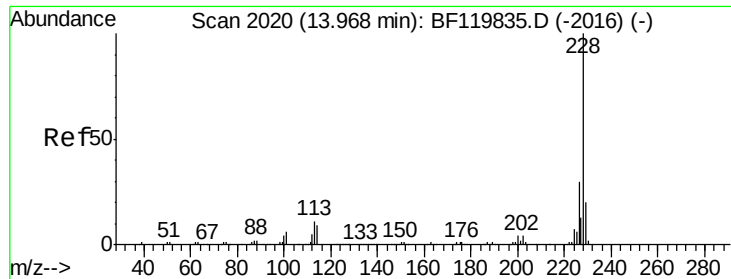
mohammad
4/16/2020 12:53:10 PM



#81
Benzo(a)anthracene
Concen: 50.859 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	19.8	15.9	23.9





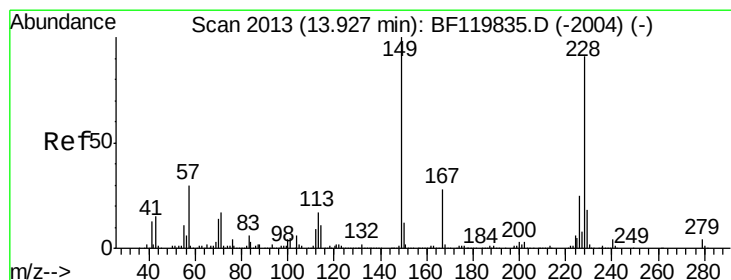
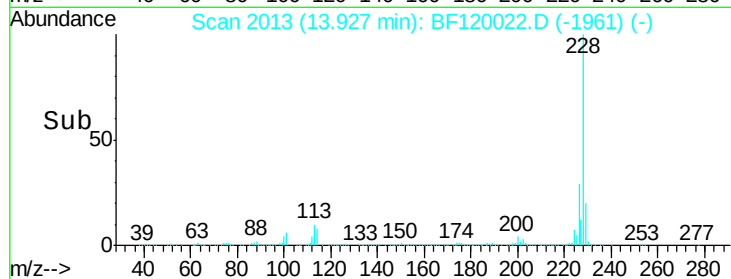
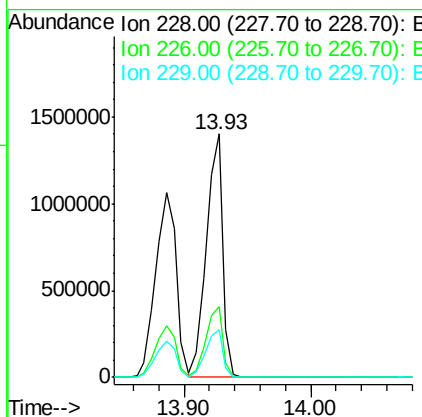
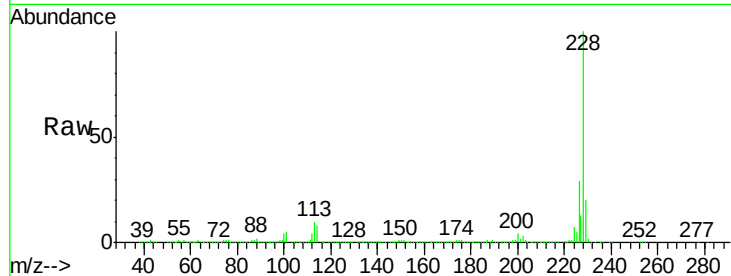
#83
 Chrysene
 Concen: 52.687 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MS

Tot Ion:228 Resp: 1266180
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.2 36.2
 229 19.7 15.9 23.9

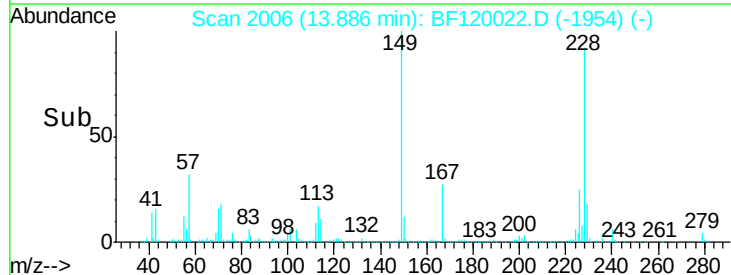
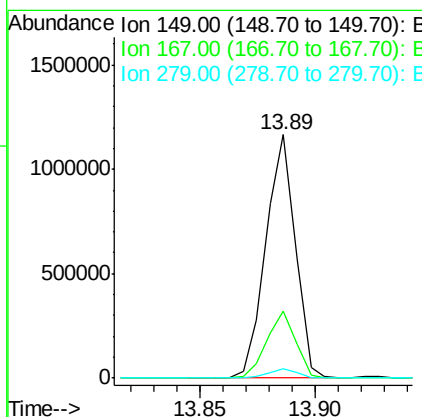
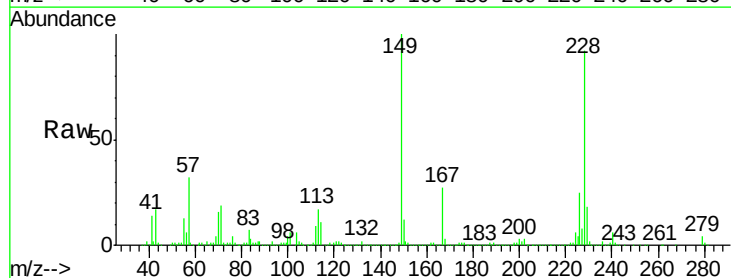
Manual Integrations
 APPROVED

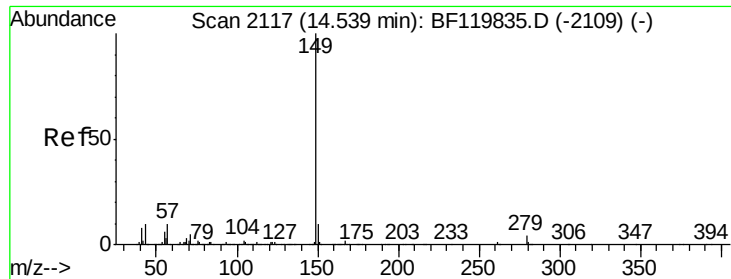
mohammad
 4/16/2020 12:53:10 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.929 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF120022.D
 Acq: 16 Apr 2020 5:07

Tgt Ion:149 Resp: 1034207
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.2
 279 3.6 3.4 5.0





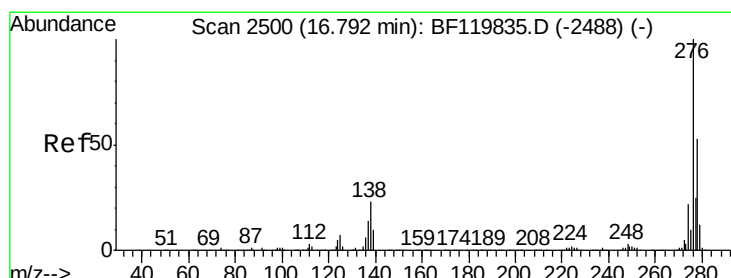
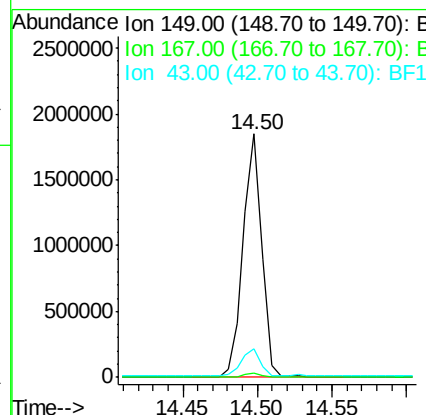
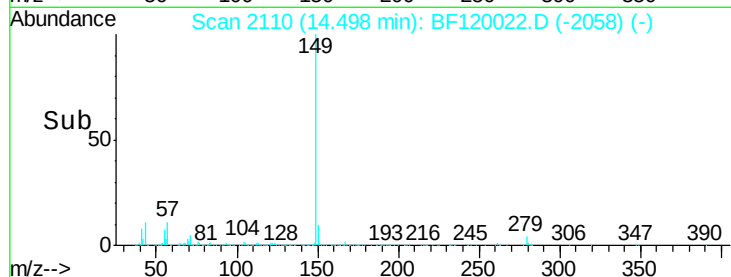
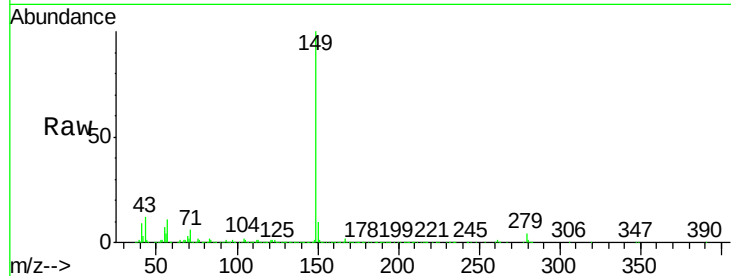
#85
Di-n-octyl phthalate
Concen: 47.795 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	9.2	13.8

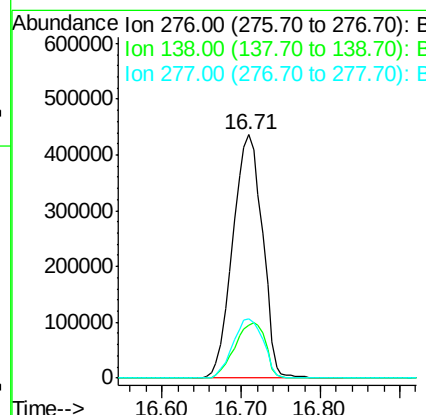
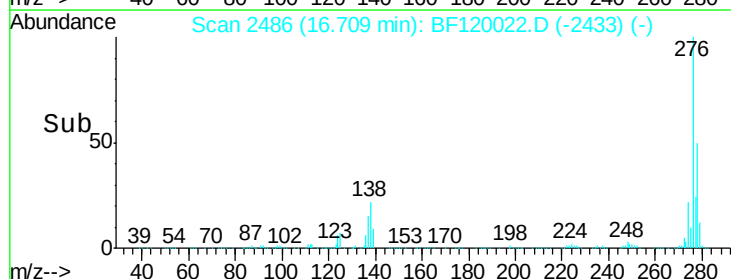
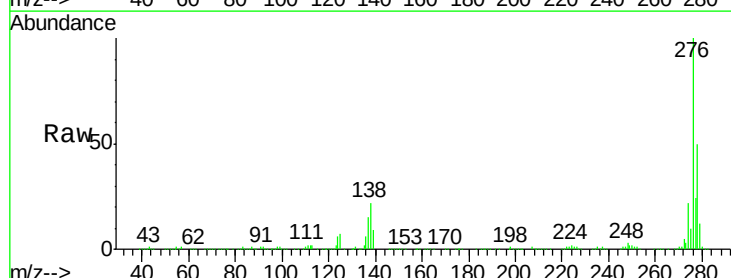
Manual Integrations
APPROVED

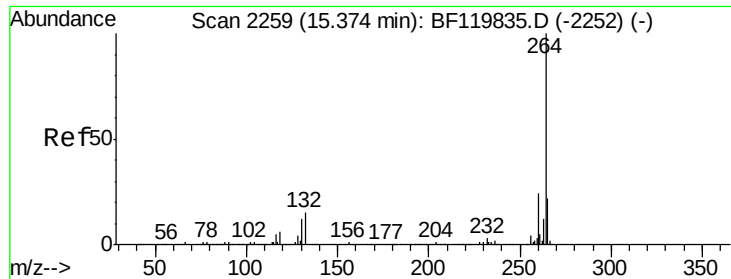
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.295 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.0	27.0
277	25.0	20.1	30.1





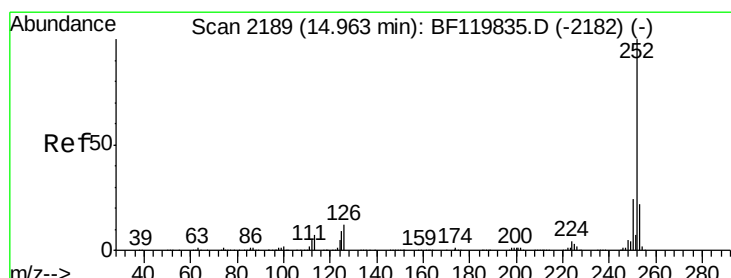
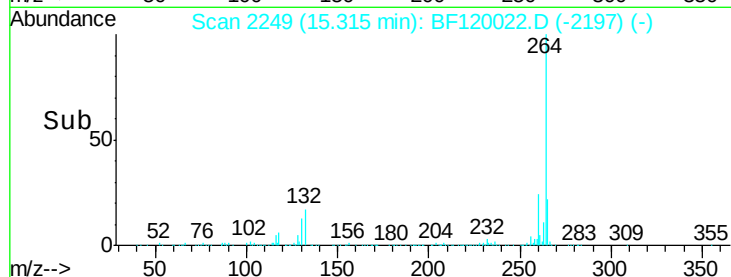
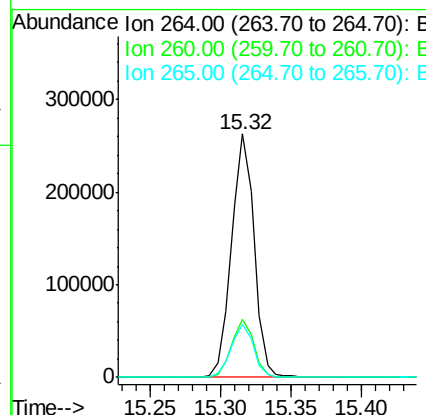
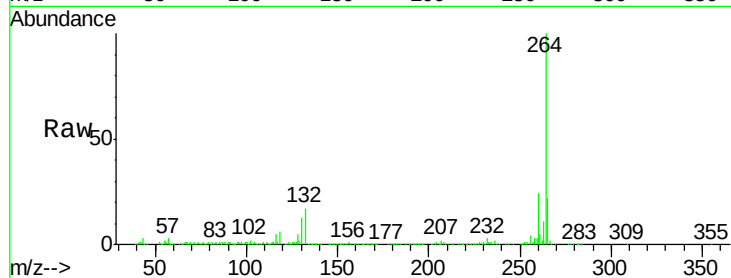
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.7	17.6	26.4

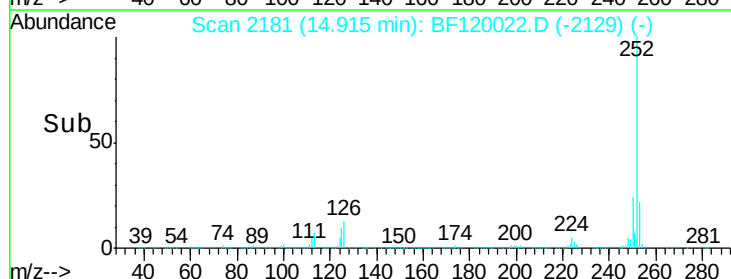
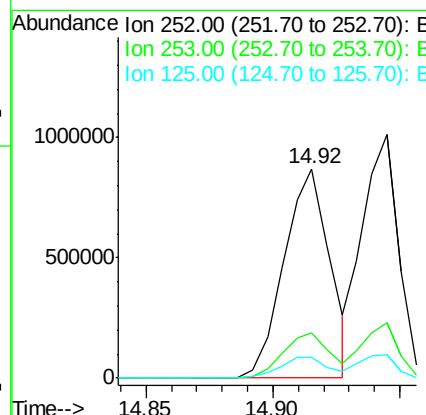
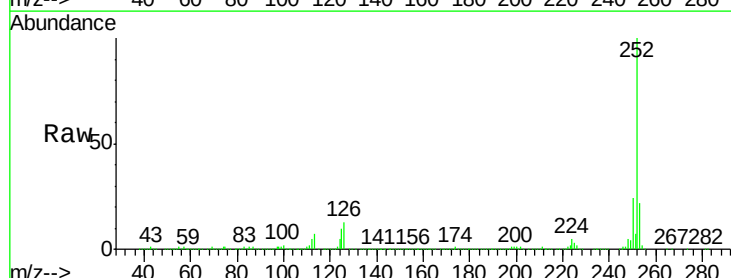
Manual Integrations
APPROVED

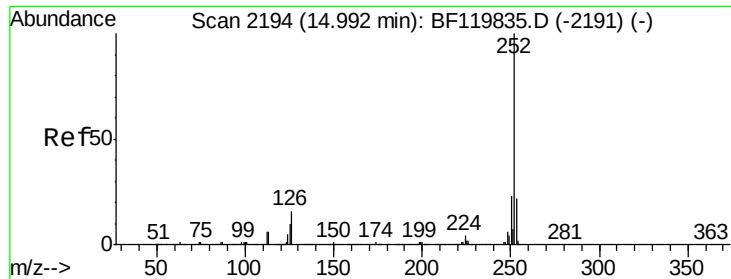
mohammad
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#88
Benzo(b)fluoranthene
Concen: 51.782 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.8	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 55.722 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Instrument :

BNA_F

ClientSampleId :

NCQ-632MS

Tot Ion:252 Resp: 1013264

Ion Ratio Lower Upper

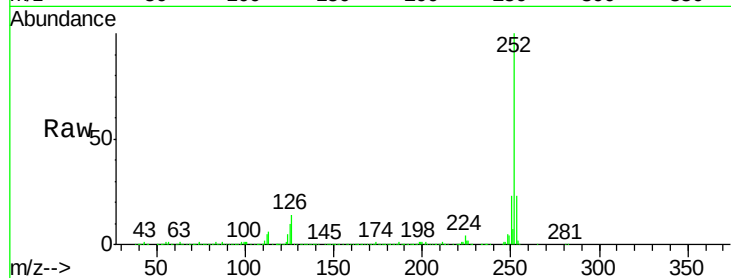
252 100

253 22.6 17.8 26.8

125 9.7 7.7 11.5

Manual Integrations
APPROVED

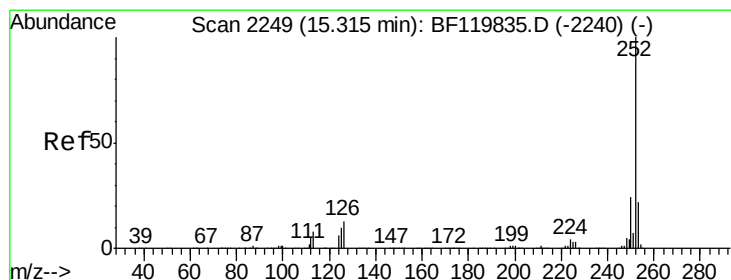
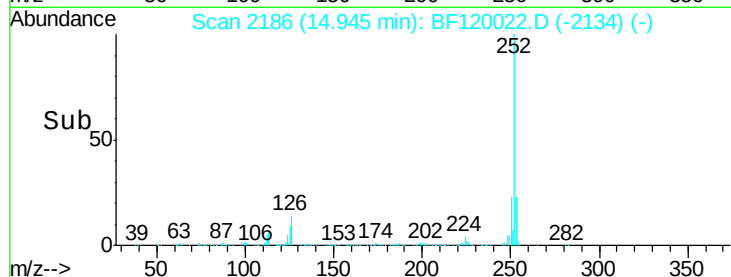
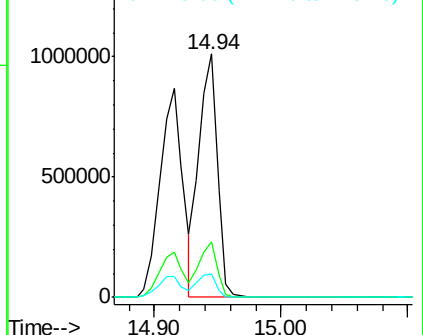
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.779 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF120022.D

Acq: 16 Apr 2020 5:07

Tgt Ion:252 Resp: 899809

Ion Ratio Lower Upper

252 100

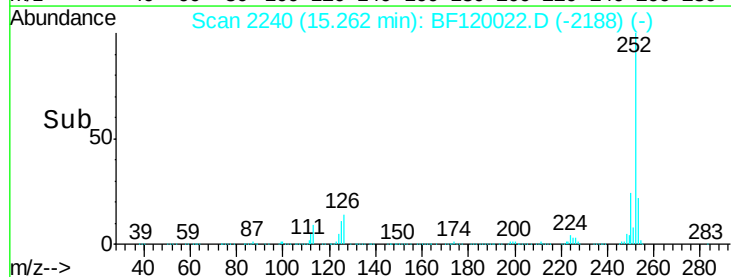
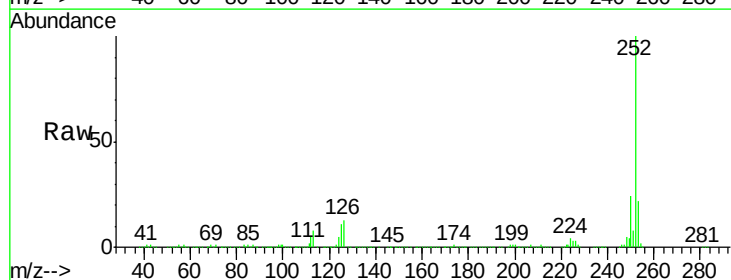
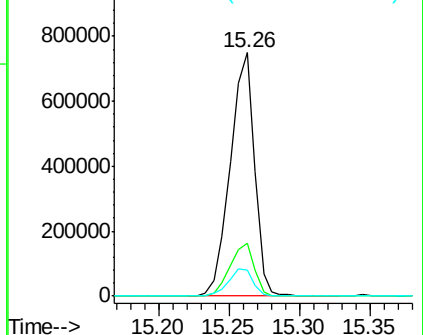
253 21.8 17.4 26.2

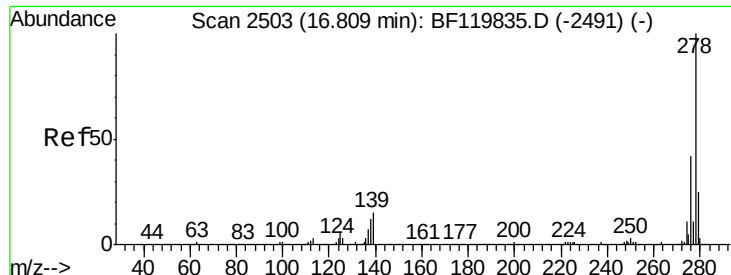
125 10.6 8.3 12.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





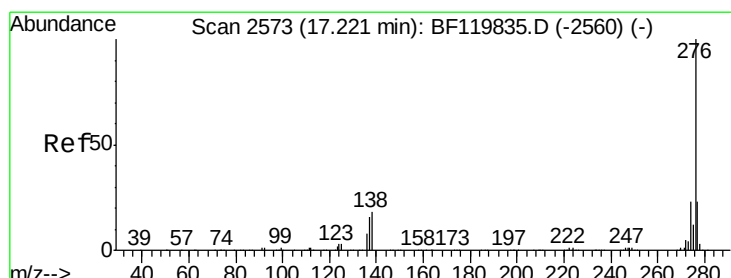
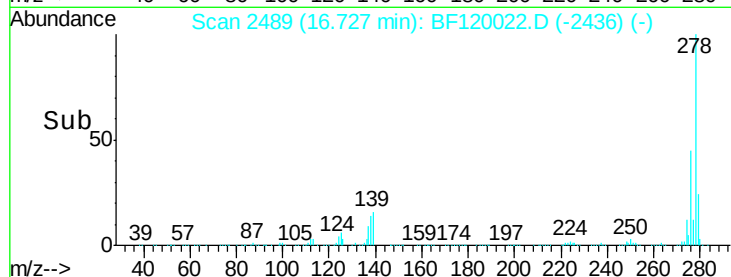
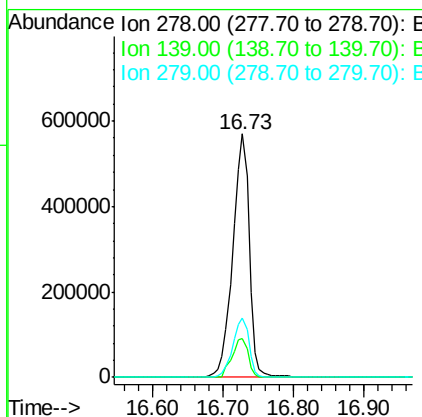
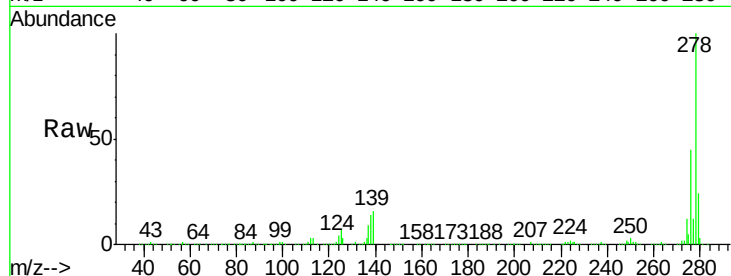
#91
Dibenzo(a,h)anthracene
Concen: 58.948 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Instrument :
BNA_F
ClientSampleId :
NCQ-632MS

Tot Ion:	278	Resp:	925272
Ion Ratio	Lower	Upper	
278	100		
139	15.8	11.6	17.4
279	24.3	19.7	29.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 60.973 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.01 min
Lab File: BF120022.D
Acq: 16 Apr 2020 5:07

Tgt Ion:	276	Resp:	944705
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.5	27.7
138	19.5	14.6	22.0

