

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120402.D
 Acq On : 28 May 2020 12:18
 Operator : MA/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
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mohammad
 5/29/2020 10:27:50 PM

Quant Time: May 28 13:32:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259558	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	974244	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	506130	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	957213	20.00	ng	0.00
76) Chrysene-d12	14.00	240	620129	20.00	ng	0.00
86) Perylene-d12	15.44	264	568620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1889770	141.66	ng	0.00
7) Phenol-d6	6.48	99	2350997	139.36	ng	0.01
23) Nitrobenzene-d5	7.42	82	2176072	152.93	ng	0.01
42) 2,4,6-Tribromophenol	10.67	330	662092	160.44	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.95	244	3768616	134.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	503671	94.914	ng	100
3) Pyridine	3.34	79	1413936	84.763	ng	100
4) n-Nitrosodimethylamine	3.32	42	610101	93.407	ng	99
6) Aniline	6.52	93	1706610	79.103	ng	99
8) 2-Chlorophenol	6.63	128	1062150	68.287	ng	97
10) Phenol	6.49	94	1270232m	64.502	ng	
11) bis(2-Chloroethyl)ether	6.59	93	1085803	69.025	ng	97
12) 1,3-Dichlorobenzene	6.79	146	1179033	70.840	ng	100
13) 1,4-Dichlorobenzene	6.86	146	1172749	68.414	ng	100
14) 1,2-Dichlorobenzene	7.02	146	1045274	67.713	ng	96
15) Benzyl Alcohol	6.99	79	892009	74.428	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1729792	69.777	ng	100
17) 2-Methylphenol	7.09	107	998167	76.019	ng	99
18) Hexachloroethane	7.36	117	441614	67.625	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	777276	70.330	ng	97
22) Acetophenone	7.26	105	1347863	67.533	ng	99
24) Nitrobenzene	7.43	77	1156192	75.499	ng	97
25) Isophorone	7.67	82	2236579	75.542	ng	99
26) 2-Nitrophenol	7.75	139	579382	72.340	ng	99
27) 2,4-Dimethylphenol	7.78	122	945609	81.163	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1299999	69.857	ng	99
29) 2,4-Dichlorophenol	7.98	162	923595	77.186	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	1000056	75.419	ng	98
31) Naphthalene	8.15	128	2920949	71.039	ng	99
32) Benzoic acid	7.93	122	836733	109.566	ng	99
33) 4-Chloroaniline	8.20	127	1369957	73.110	ng	100
34) Hexachlorobutadiene	8.27	225	592178	77.265	ng	99
35) Caprolactam	8.60	113	319202m	81.540	ng	
36) 4-Chloro-3-methylphenol	8.68	107	944499	72.965	ng	99
37) 2-Methylnaphthalene	8.84	142	1950017	69.302	ng	99
38) 1-Methylnaphthalene	8.94	142	1849498	67.771	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	889611	69.706	ng	100
41) Hexachlorocyclopentadiene	8.99	237	542715	120.201	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	682488	79.668	ng	99

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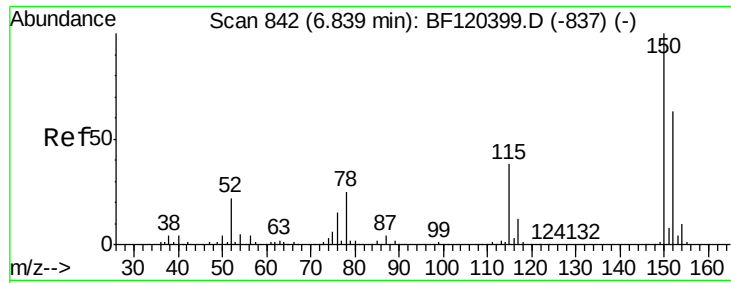
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.15	196	776815	78.960	nq	98
46) 1,1'-Biphenyl	9.30	154	2242179	67.612	nq	99
47) 2-Chloronaphthalene	9.33	162	1876352	70.537	nq	96
48) 2-Nitroaniline	9.42	65	638142	65.749	nq	99
49) Acenaphthylene	9.75	152	2885261	71.006	nq	98
50) Dimethylphthalate	9.62	163	2235062	69.857	nq	100
51) 2,6-Dinitrotoluene	9.67	165	527780	73.909	nq	95
52) Acenaphthene	9.92	154	1835306	75.352	nq	99
53) 3-Nitroaniline	9.84	138	620369	72.851	nq	100
54) 2,4-Dinitrophenol	9.93	184	233482	69.267	nq	89
55) Dibenzofuran	10.09	168	2595479	73.998	nq	98
56) 4-Nitrophenol	9.99	139	504562	110.271	nq	98
57) 2,4-Dinitrotoluene	10.07	165	700238	83.594	nq	100
58) Fluorene	10.43	166	1790981	67.048	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	595073	80.374	nq	98
60) Diethylphthalate	10.31	149	2248578	72.796	nq	98
62) 4-Nitroaniline	10.46	138	601066	75.800	nq	99
63) Azobenzene	10.59	77	2090737	71.617	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	321521	66.417	nq	85
66) n-Nitrosodiphenylamine	10.54	169	1853289	69.982	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	678434	73.040	nq	# 91
68) Hexachlorobenzene	10.97	284	731051	75.231	nq	98
69) Atrazine	11.07	200	521293	65.785	nq	98
70) Pentachlorophenol	11.16	266	485393	117.445	nq	98
71) Phenanthrene	11.39	178	2816809	70.031	nq	98
72) Anthracene	11.44	178	2833811	65.811	nq	98
73) Carbazole	11.60	167	2821278	70.124	nq	99
74) Di-n-butylphthalate	11.93	149	3171439	65.407	nq	# 97
75) Fluoranthene	12.57	202	3127624	72.548	nq	98
77) Benzidine	12.69	184	990247	54.683	nq	# 93
78) Pyrene	12.80	202	3157516	71.422	nq	97
80) Butylbenzylphthalate	13.43	149	1397472	67.130	nq	97
81) Benzo(a)anthracene	13.99	228	2315899	70.806	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	876648	71.123	nq	100
83) Chrysene	14.03	228	2501307	71.218	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1477680	57.053	nq	# 98
85) Di-n-octyl phthalate	14.60	149	2778039	59.622	nq	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	2419361	80.321	nq	100
88) Benzo(b)fluoranthene	15.03	252	2404134	77.419	nq	100
89) Benzo(k)fluoranthene	15.06	252	2084697	77.486	nq	99
90) Benzo(a)pyrene	15.39	252	2082747	74.785	nq	98
91) Dibenzo(a,h)anthracene	16.92	278	1931276	78.278	nq	98
92) Benzo(g,h,i)perylene	17.33	276	1987110	79.870	nq	100

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



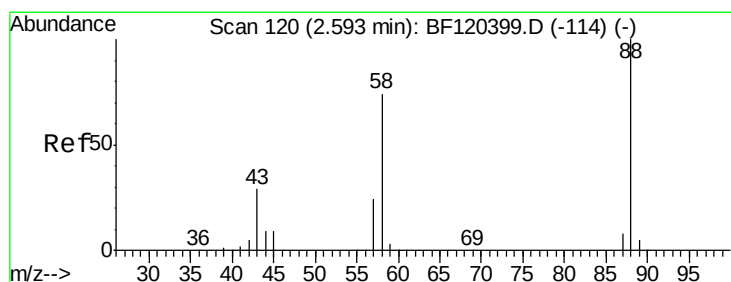
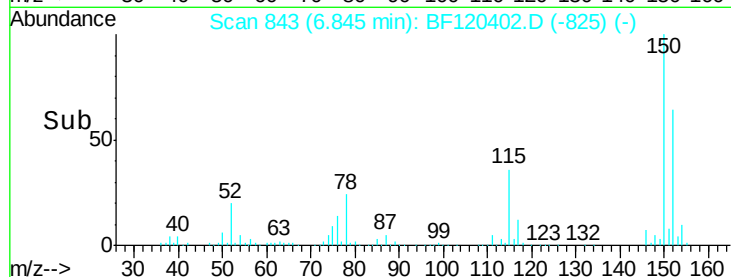
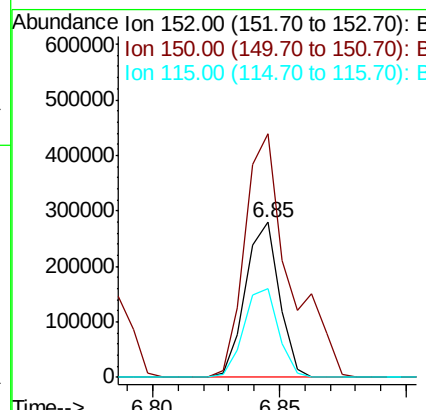
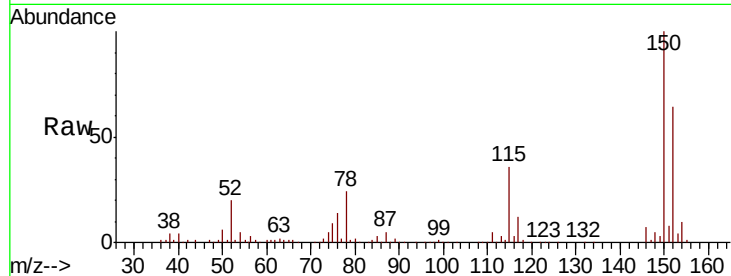
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.5	189.7
115	57.3	47.6	71.4

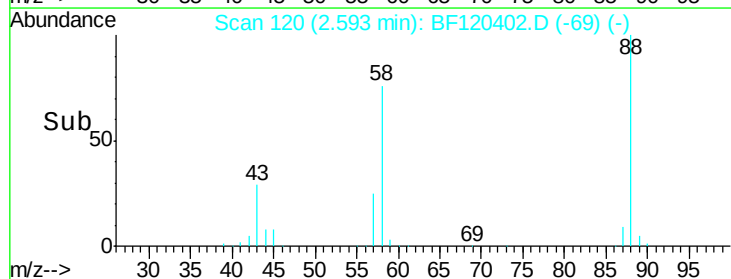
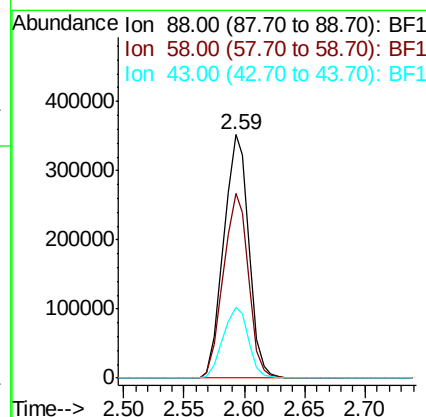
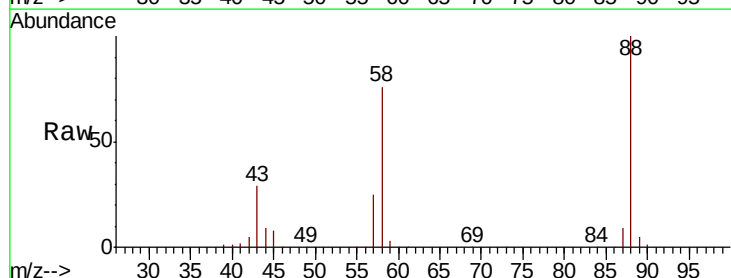
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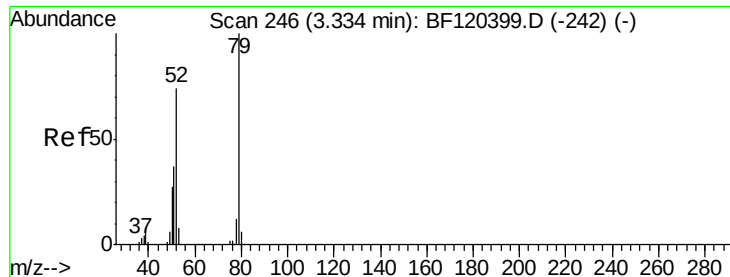
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#2
 1,4-Dioxane
 Concen: 94.914 ng
 RT: 2.59 min Scan# 120
 Delta R.T. -0.00 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	61.0	91.4
43	29.5	23.6	35.4





#3

Pvridine

Concen: 84.763 ng

RT: 3.34 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1413936

Ion Ratio Lower Upper

79 100

52 74.0 59.2 88.8

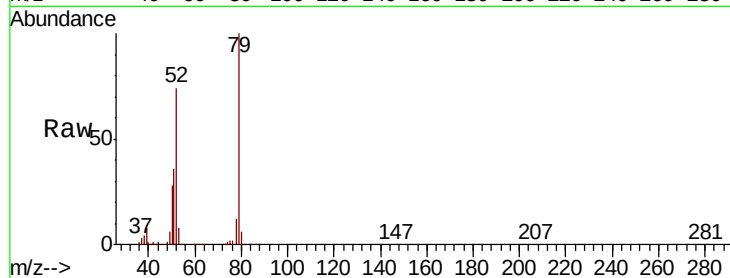
51 36.2 29.4 44.2

Manual Integrations

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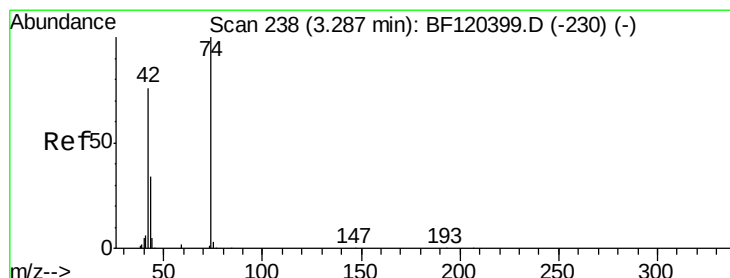
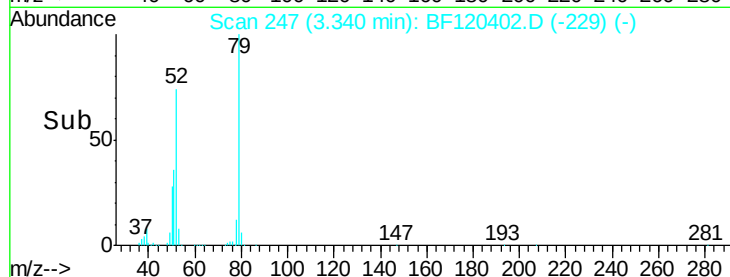
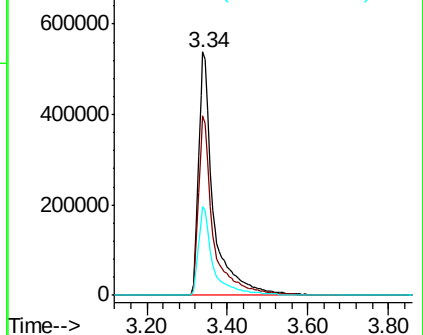
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 93.407 ng

RT: 3.32 min Scan# 243

Delta R.T. 0.03 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

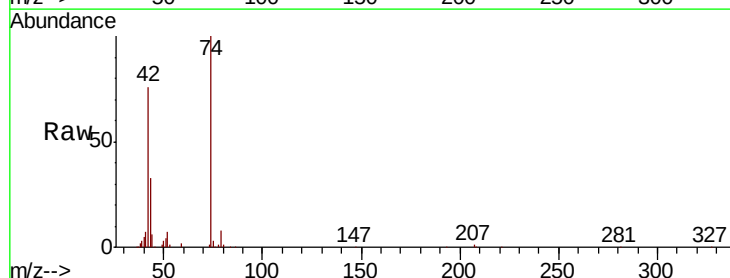
Tgt Ion: 42 Resp: 610101

Ion Ratio Lower Upper

42 100

74 131.8 104.8 157.2

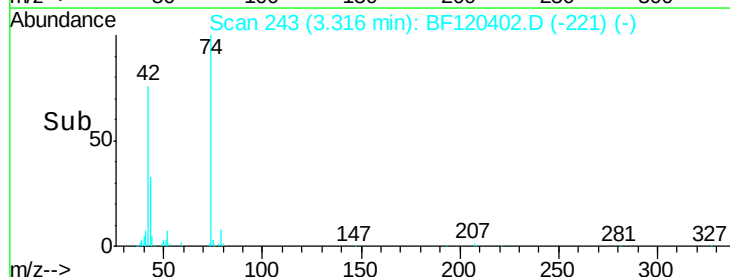
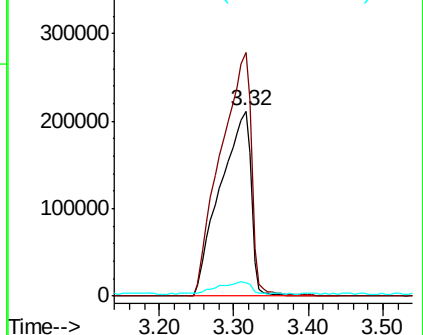
44 7.5 7.0 10.4

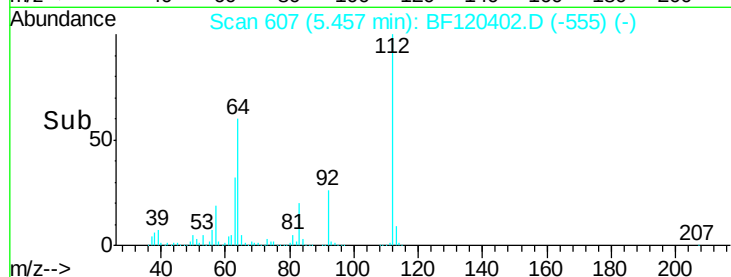
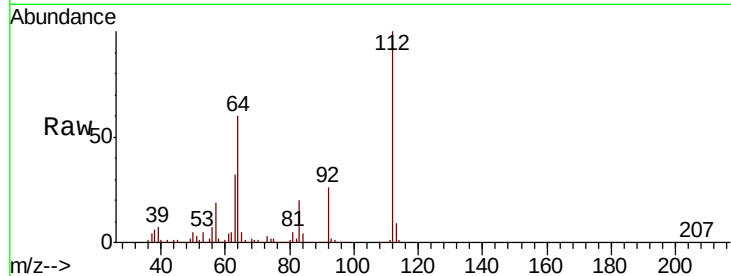
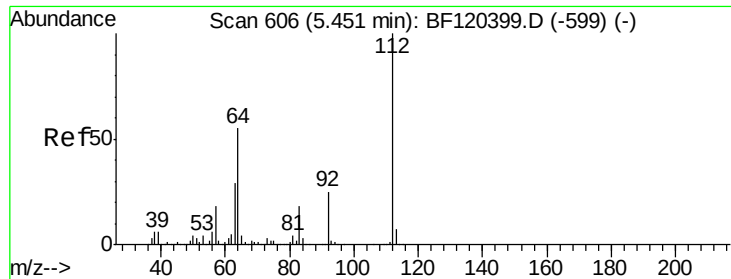


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 141.661 ng

RT: 5.46 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Tot Ion:	112	Resp:	1889770
Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.3	66.5
63	31.6	22.9	34.3

Instrument :

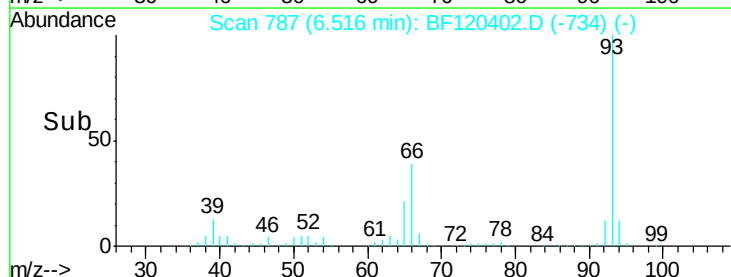
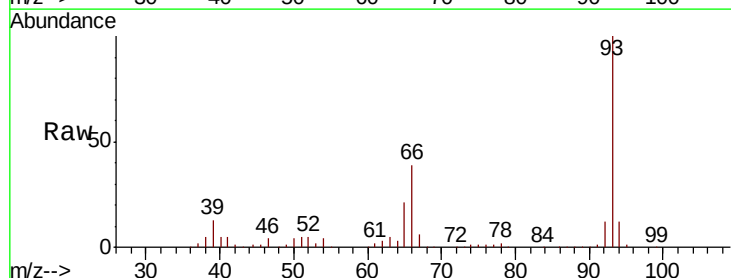
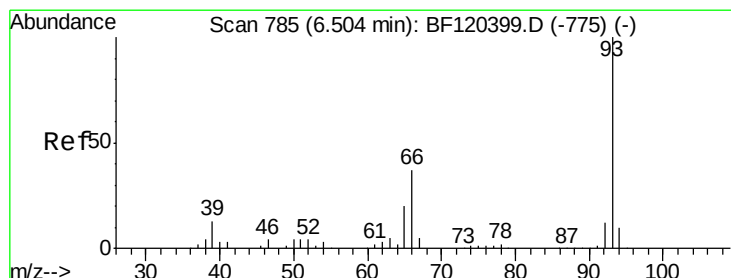
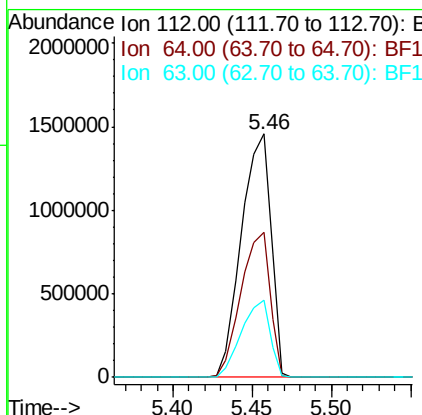
BNA_F

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SSTDIC080

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#6

Aniline

Concen: 79.103 ng

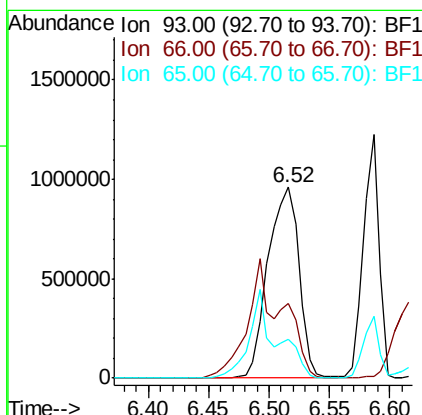
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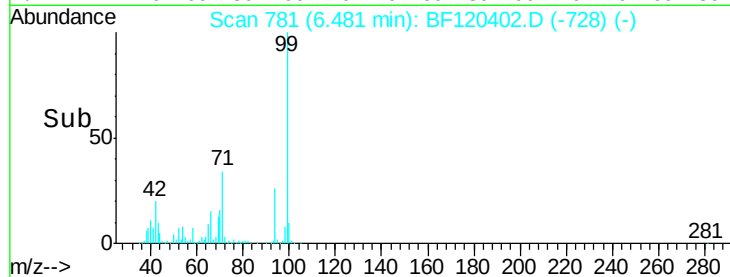
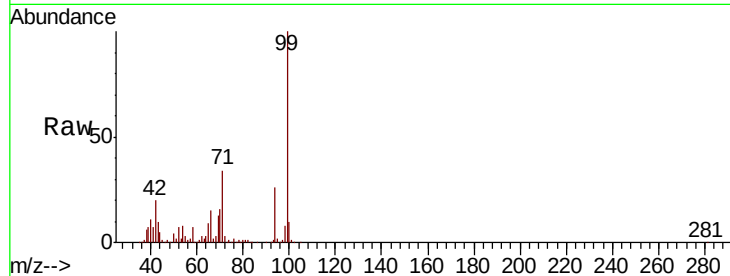
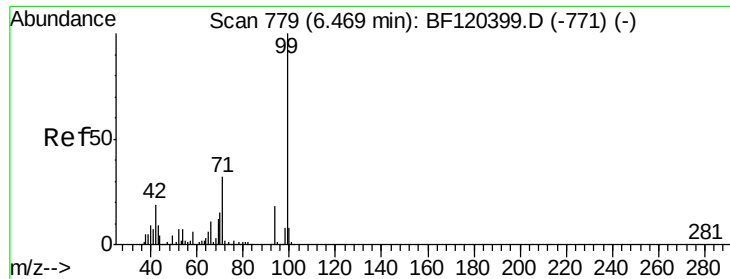
Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Tgt Ion:	93	Resp:	1706610
Ion	Ratio	Lower	Upper
93	100		
66	38.9	30.4	45.6
65	20.5	16.3	24.5





#7

Phenol-d6

Concen: 139.362 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Tot Ion:	99	Resp:	2350997
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.2	22.8
71	33.8	25.6	38.4

Instrument :

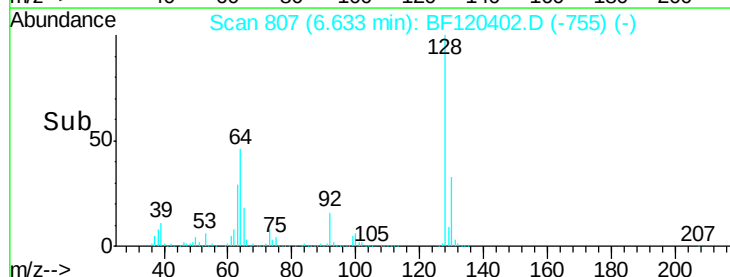
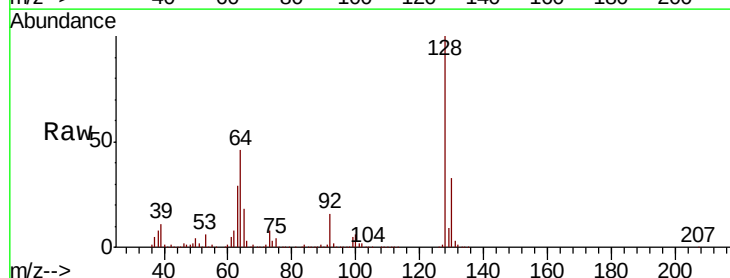
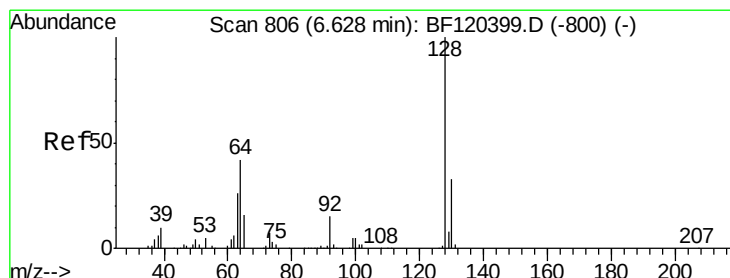
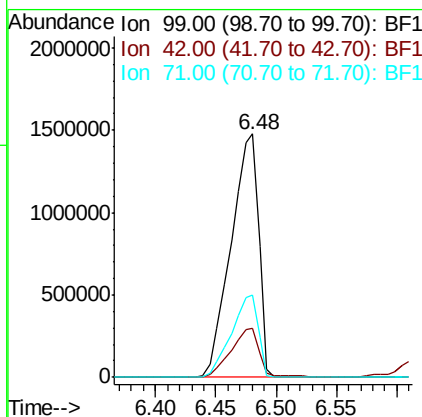
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 68.287 ng

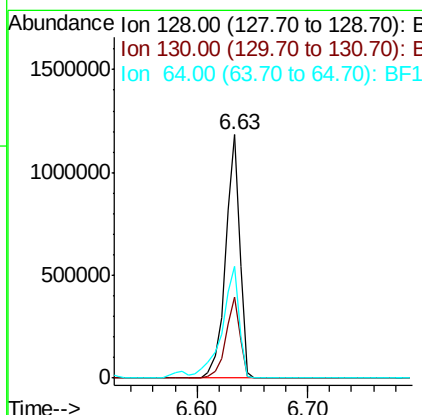
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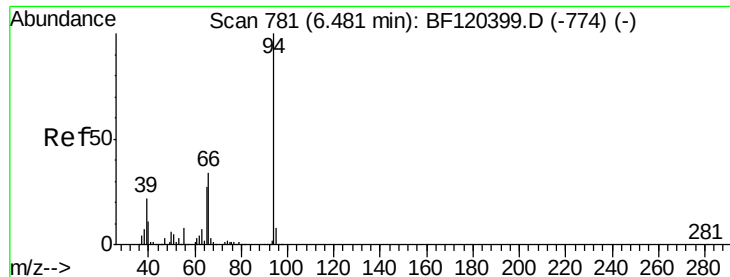
Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Tgt Ion:	128	Resp:	1062150
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	46.0	23.2	63.2





#10

Phenol

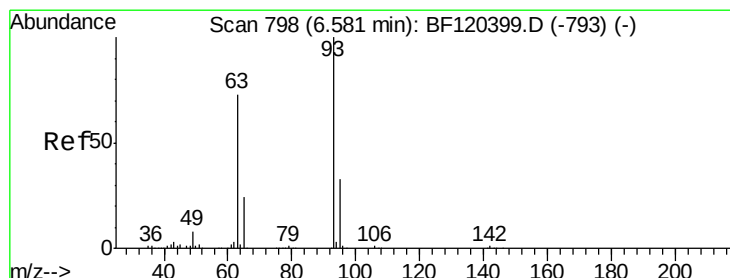
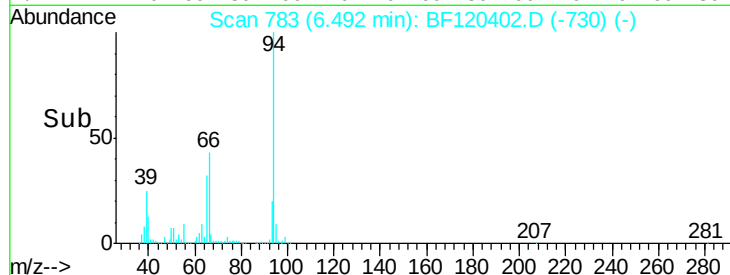
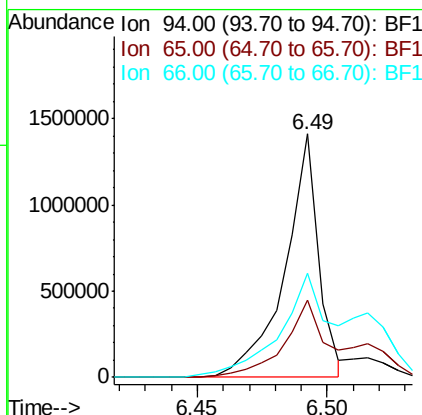
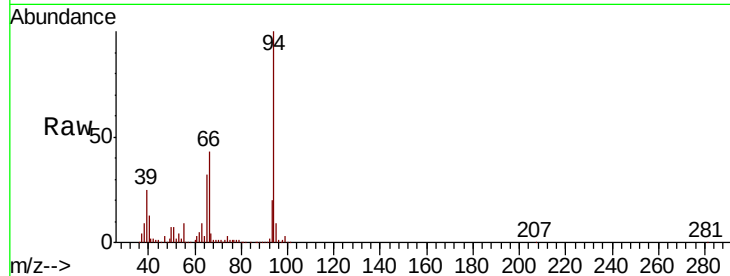
Concen: 64.502 ng/ml
 RT: 6.49 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.5	6.8	46.8
66	42.6	13.9	53.9

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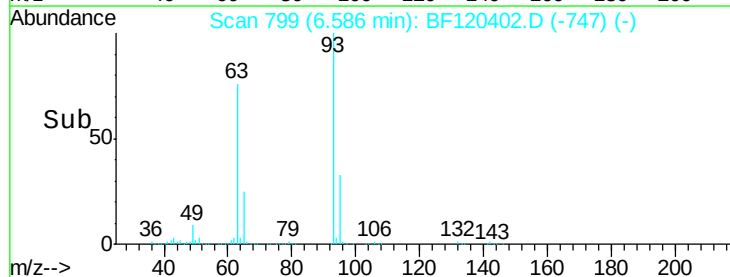
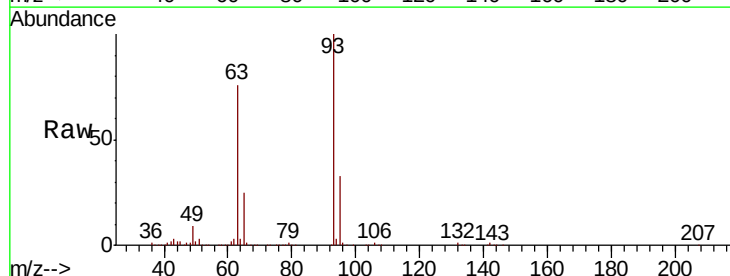
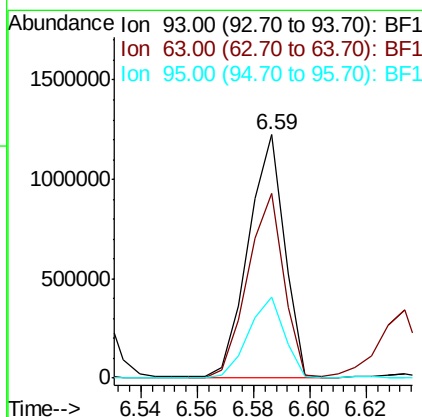


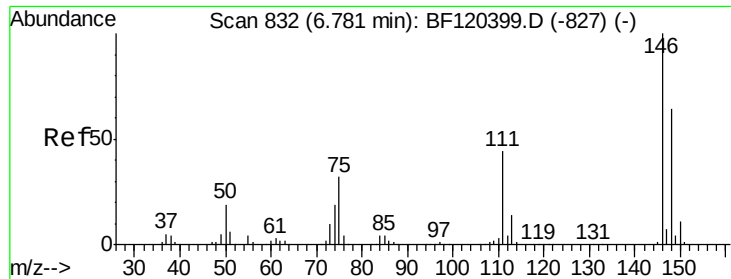
#11

bis(2-Chloroethyl)ether

Concen: 69.025 ng/ml
 RT: 6.59 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.0	52.8	92.8
95	33.4	12.6	52.6





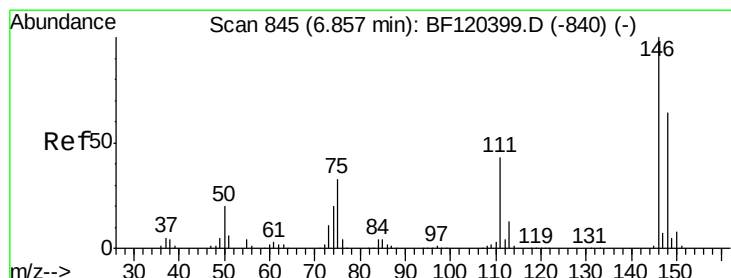
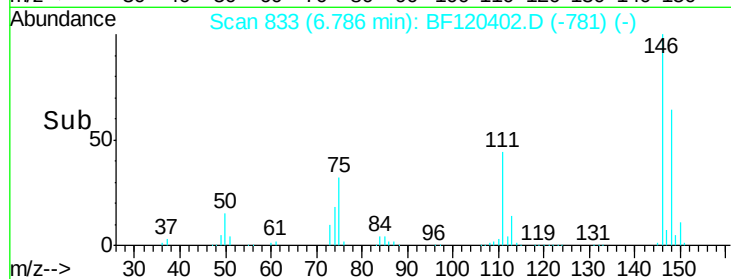
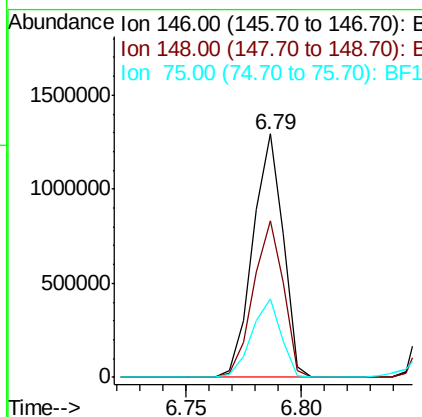
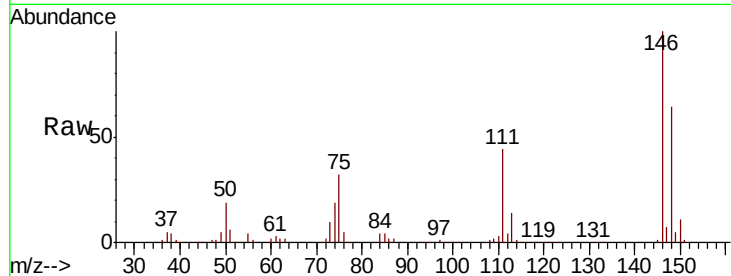
#12
 1,3-Dichlorobenzene
 Concen: 70.840 ng
 RT: 6.79 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	32.2	25.9	38.9

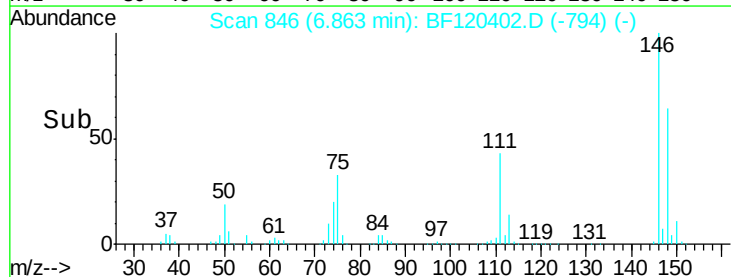
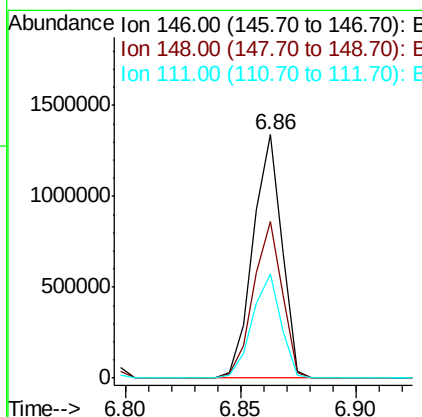
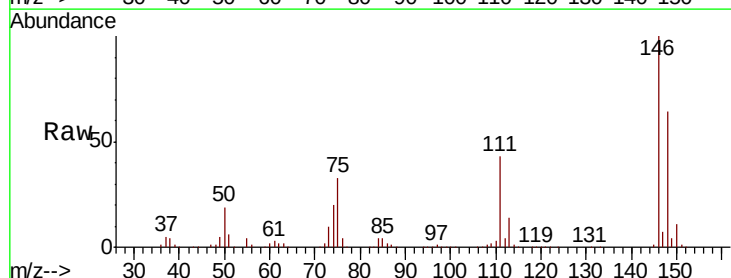
Manual Integrations
 APPROVED

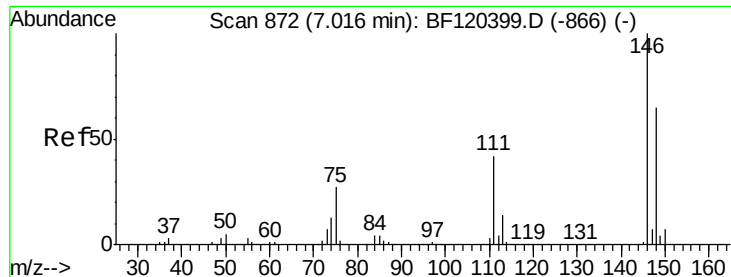
mohammad
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#13
 1,4-Dichlorobenzene
 Concen: 68.414 ng
 RT: 6.86 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	43.0	34.2	51.4





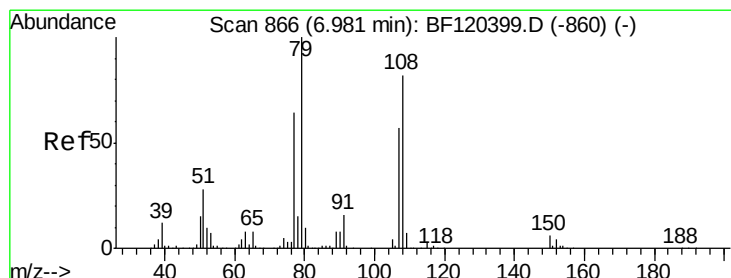
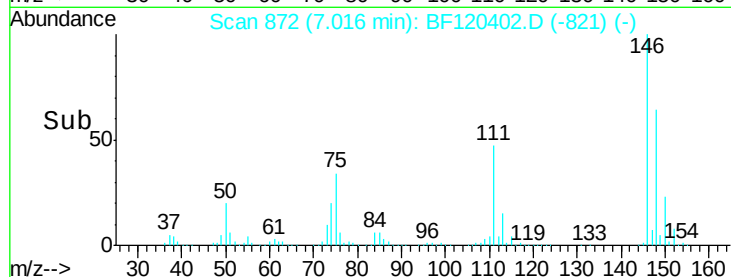
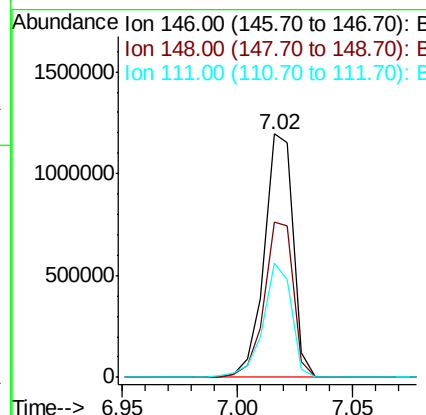
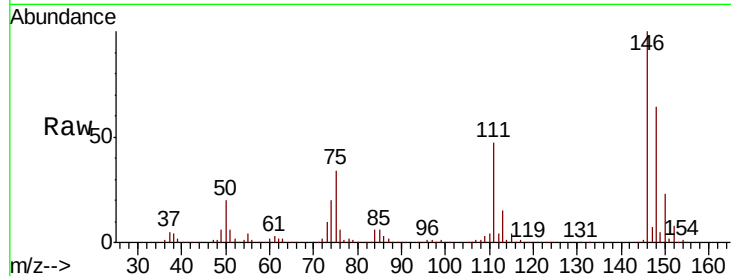
#14
1,2-Dichlorobenzene
Concen: 67.713 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:146 Resp: 1045274
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
111 46.8 33.9 50.9

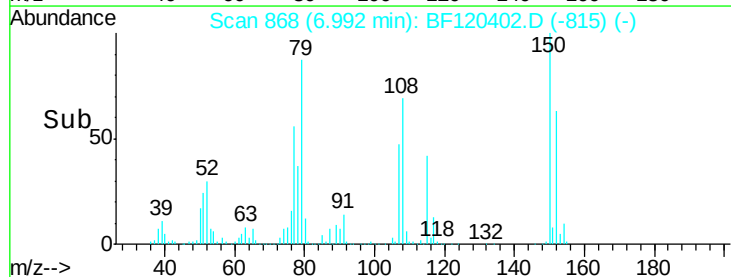
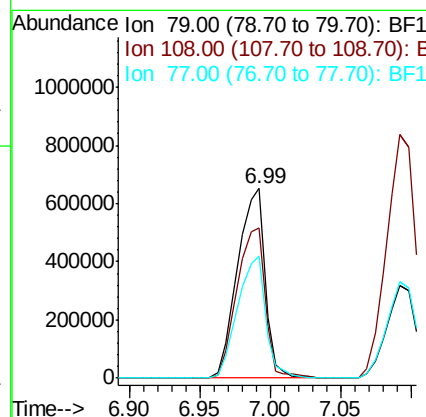
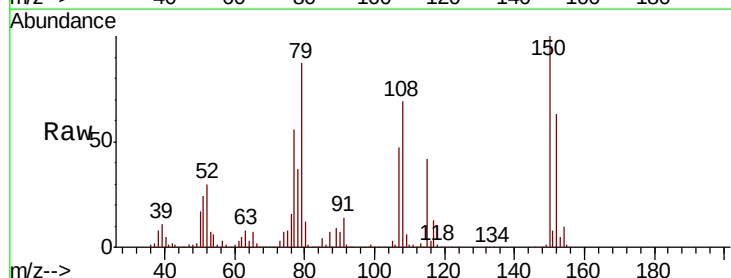
Manual Integrations
APPROVED

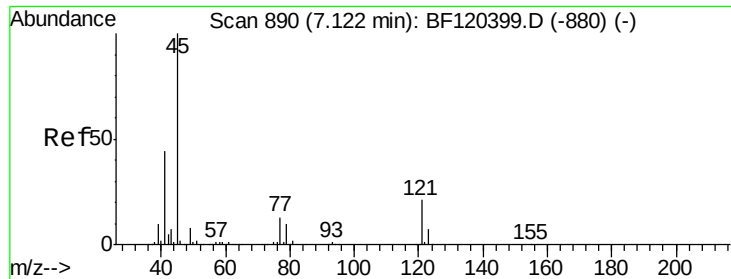
mohammad
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#15
Benzyl Alcohol
Concen: 74.428 ng
RT: 6.99 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion: 79 Resp: 892009
Ion Ratio Lower Upper
79 100
108 79.2 65.8 98.8
77 64.2 51.5 77.3





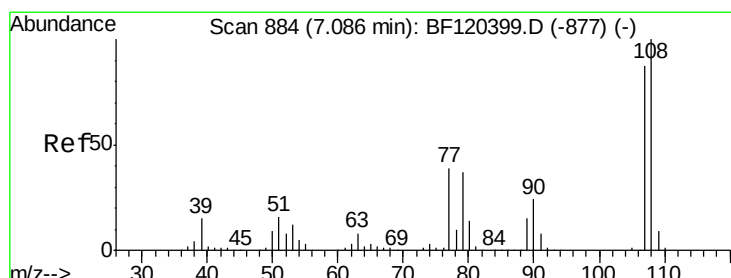
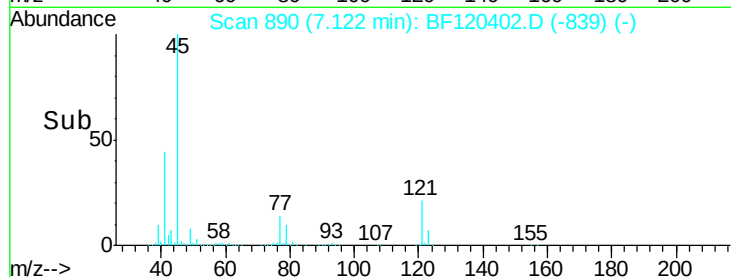
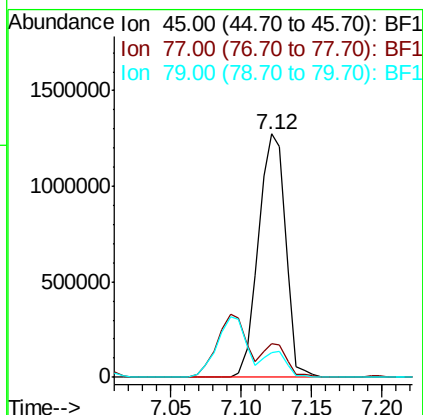
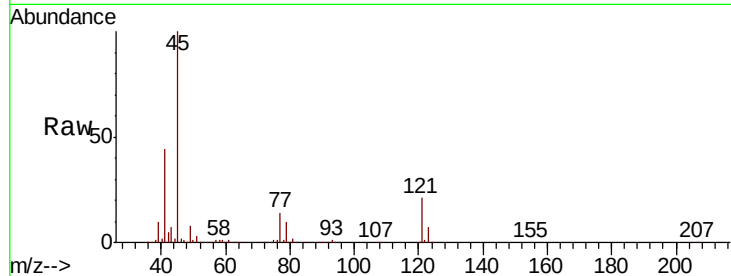
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 69.777 ng
RT: 7.12 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.5
79	10.3	0.0	30.3

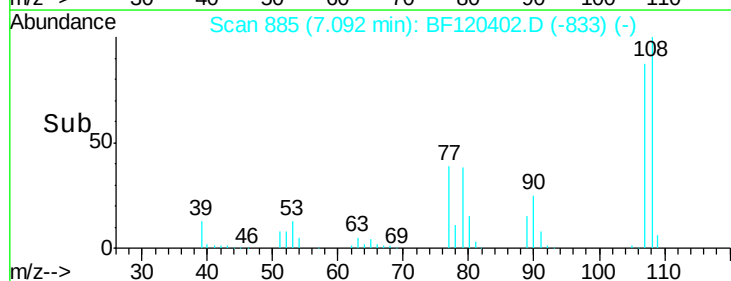
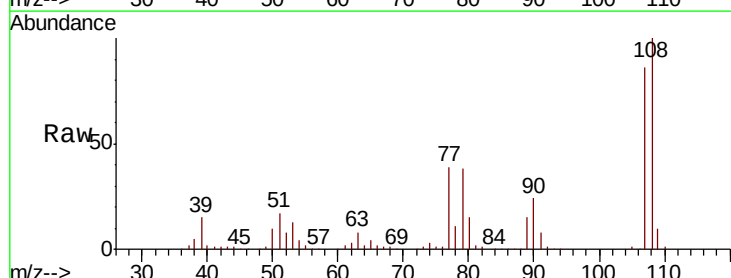
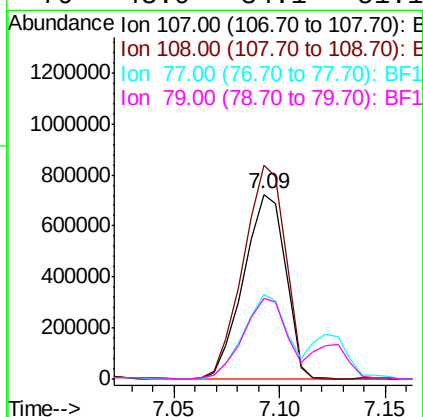
Manual Integrations
APPROVED

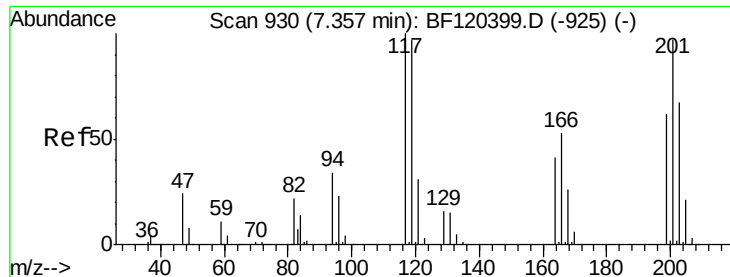
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#17
2-Methylphenol
Concen: 76.019 ng
RT: 7.09 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.3	138.5
77	45.7	35.7	53.5
79	43.9	34.1	51.1





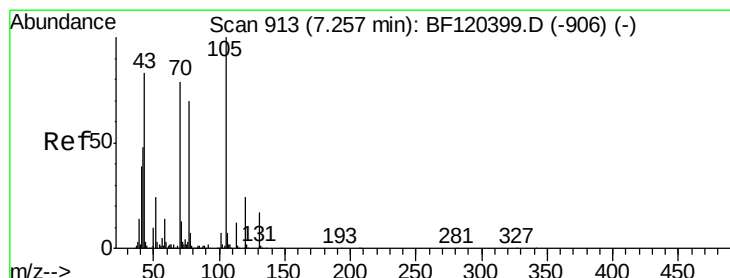
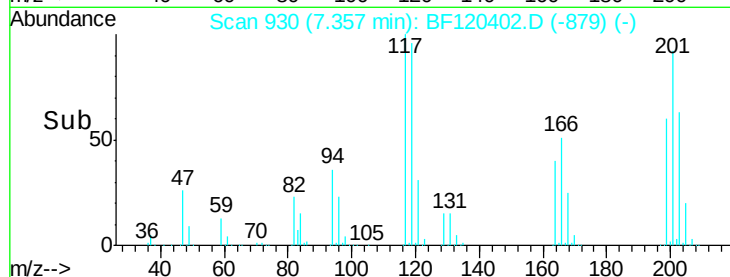
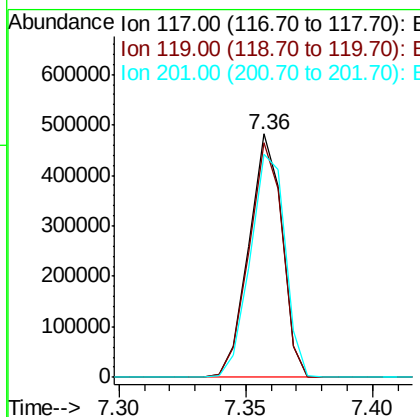
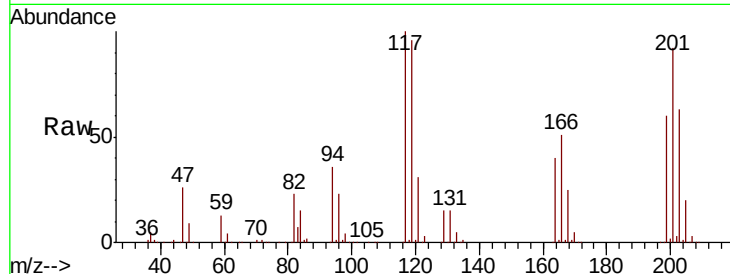
#18
Hexachloroethane
Concen: 67.625 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.2
201	91.9	77.7	116.5

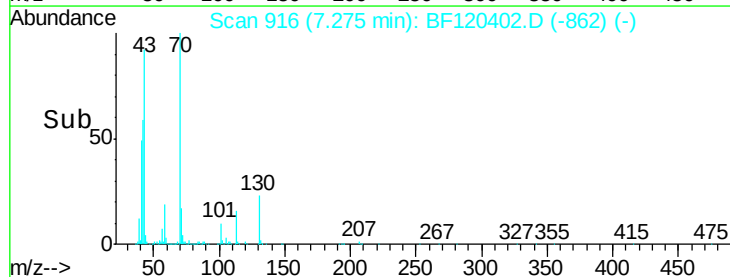
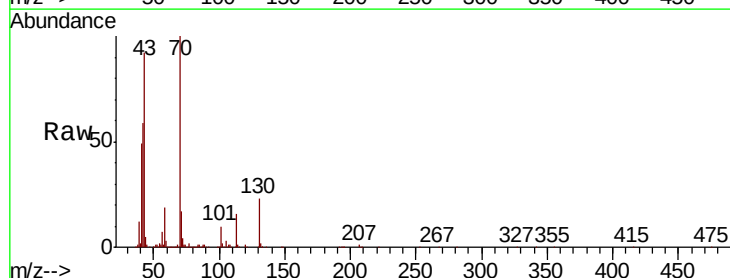
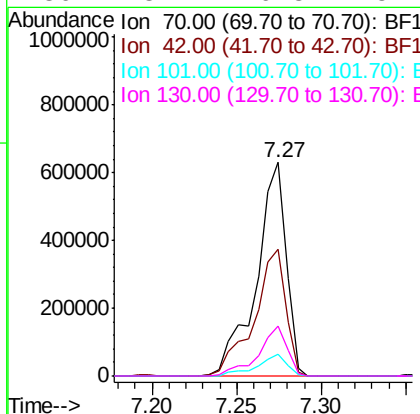
Manual Integrations
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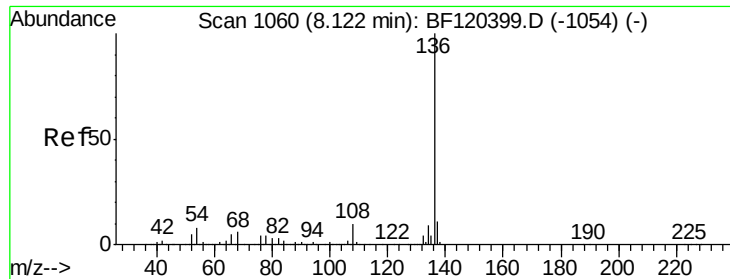
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#19
n-Nitroso-di-n-propylamine
Concen: 70.330 ng
RT: 7.27 min Scan# 916
Delta R.T. 0.02 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.4	48.9	73.3
101	10.0	7.4	11.2
130	23.1	16.8	25.2





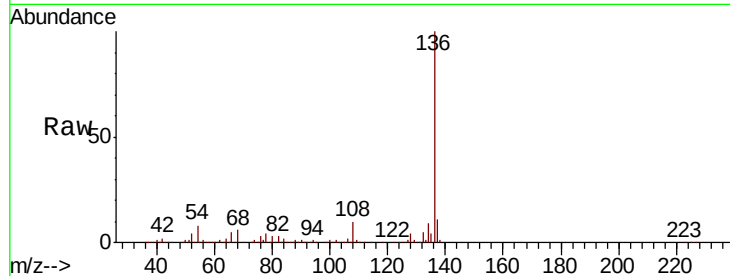
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		974244		
137	11.2	9.1	13.7		
54	7.8	6.7	10.1		
68	6.0	5.0	7.4		

Manual Integrations
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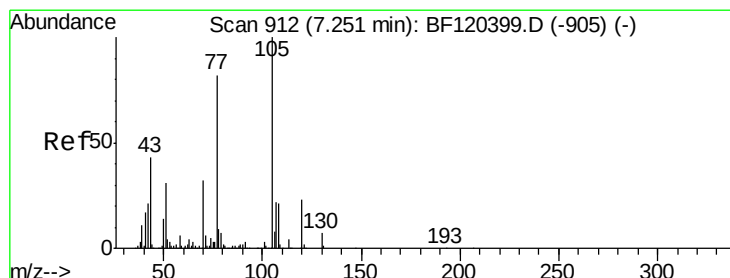
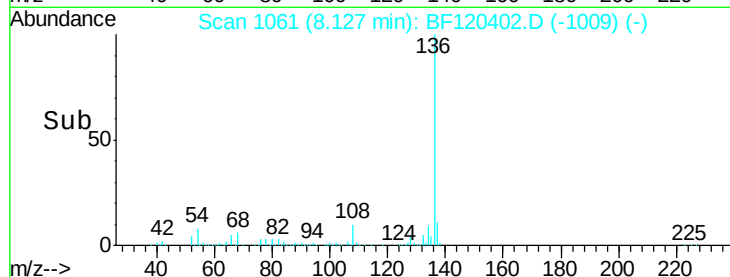
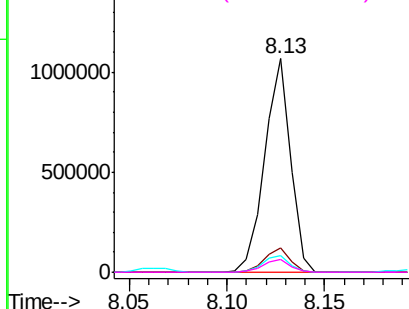
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 67.533 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1347863		
71	4.4	4.4	6.6		
51	31.3	24.5	36.7		
120	22.6	18.2	27.2		

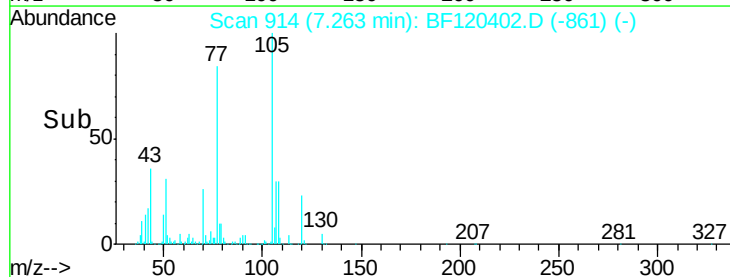
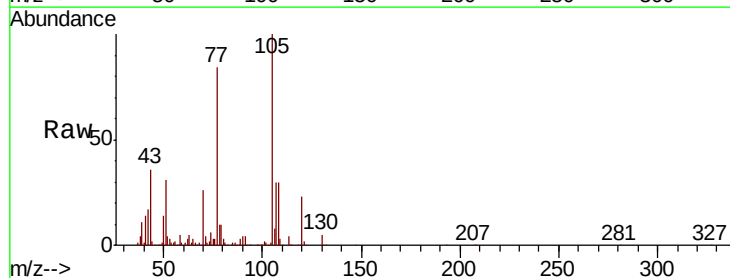
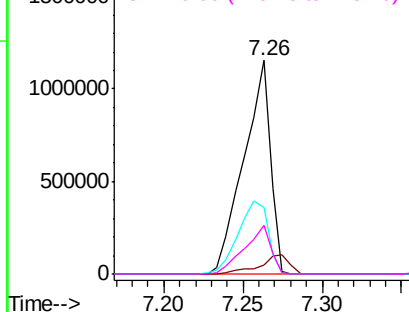
Abundance

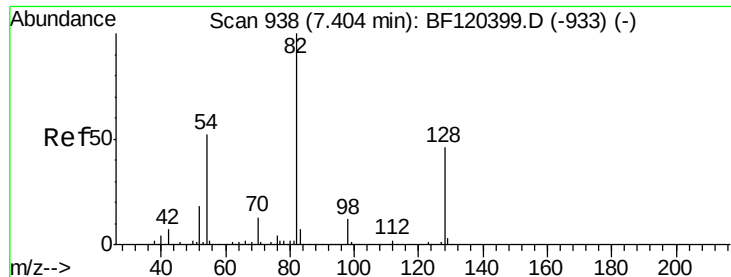
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





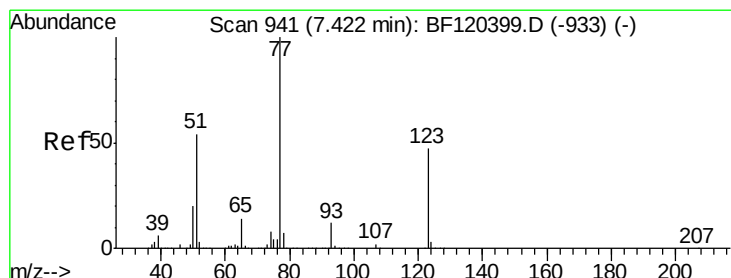
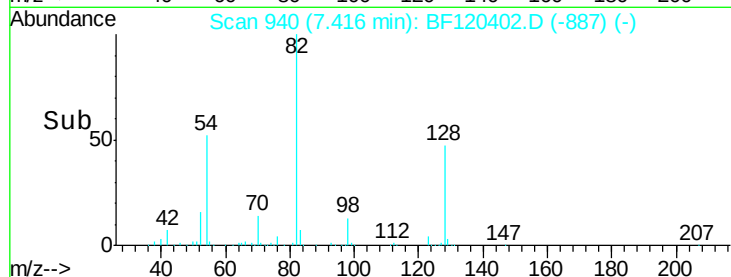
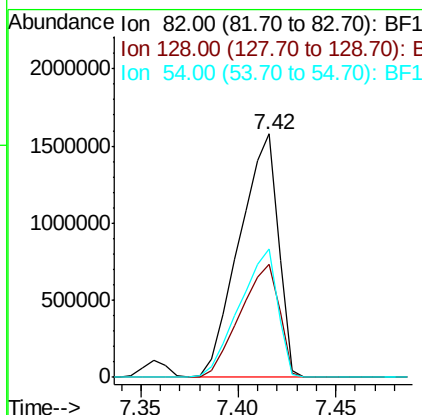
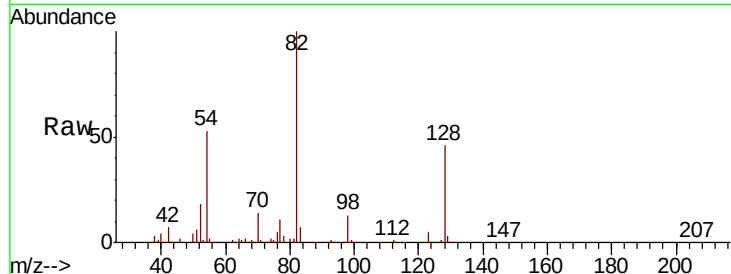
#23
 Nitrobenzene-d5
 Concen: 152.927 ng
 RT: 7.42 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion	82	Resp	2176072
Ion	82	Ratio	Lower Upper
	82	100	
	128	46.4	36.8 55.2
	54	52.6	41.6 62.4

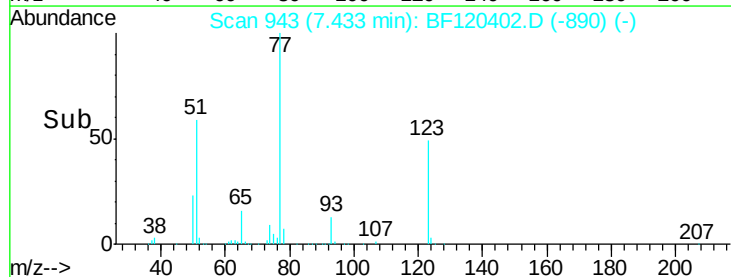
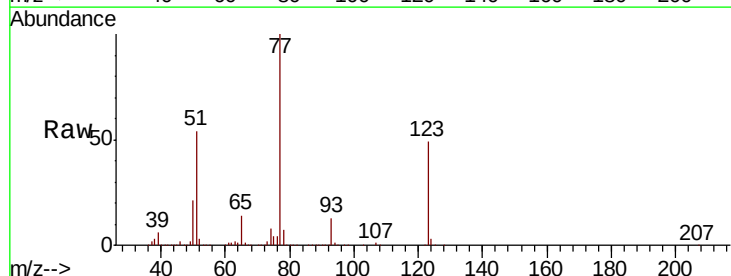
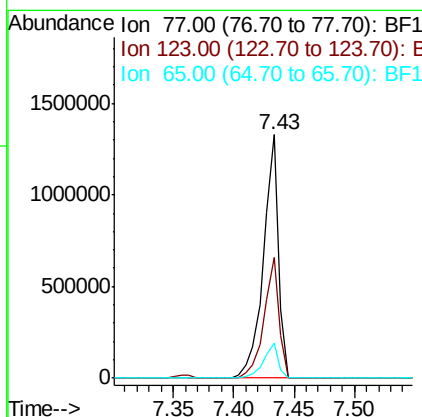
Manual Integrations
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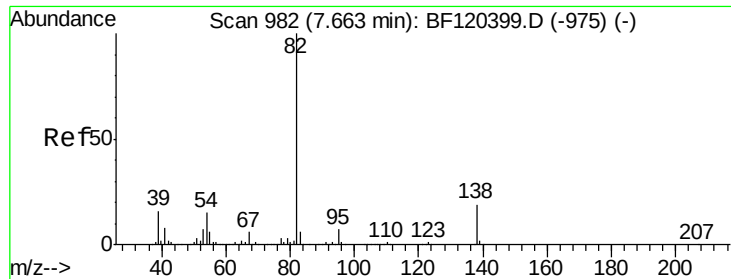
mohammad
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#24
 Nitrobenzene
 Concen: 75.499 ng
 RT: 7.43 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	77	Resp	1156192
Ion	77	Ratio	Lower Upper
	77	100	
	123	49.4	37.8 56.6
	65	14.3	11.3 16.9





#25

Isophorone

Concen: 75.542 ng

RT: 7.67 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2236579

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

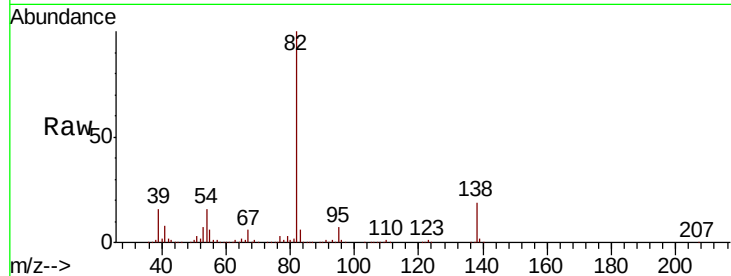
138 19.3 15.0 22.4

Manual Integrations

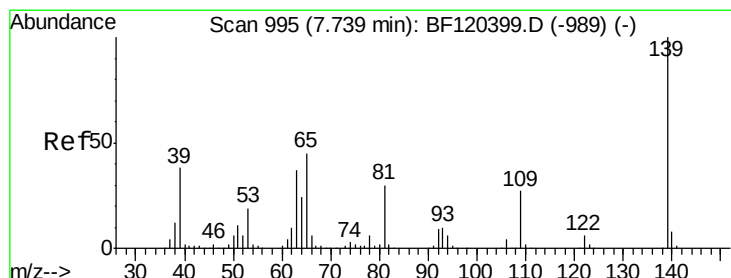
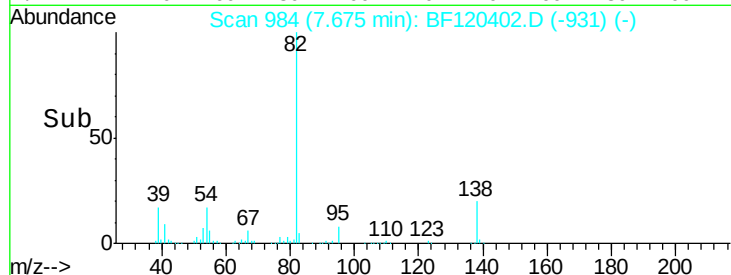
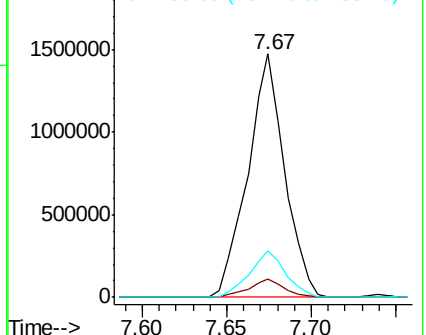
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Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 72.340 ng

RT: 7.75 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

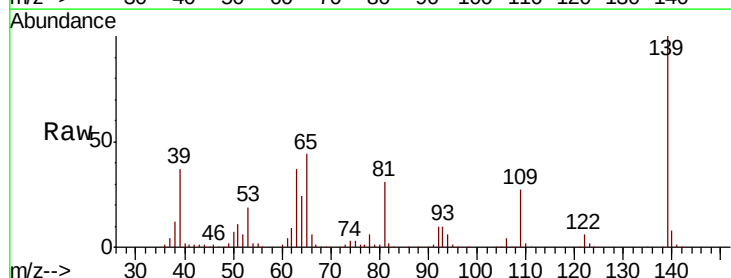
Tgt Ion: 139 Resp: 579382

Ion Ratio Lower Upper

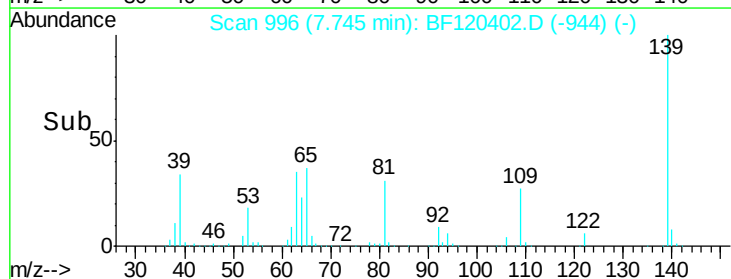
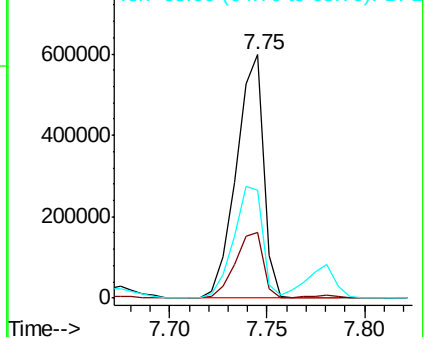
139 100

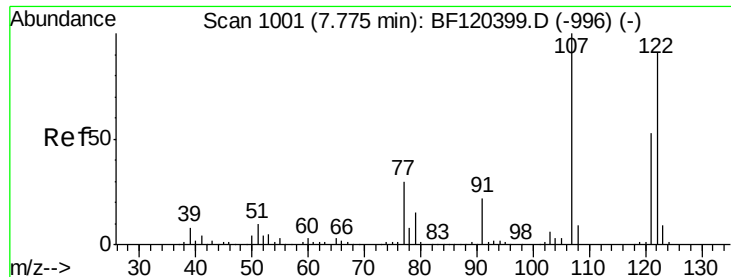
109 26.9 21.2 31.8

65 44.3 35.8 53.6



Abundance Ion 139.00 (138.70 to 139.70): E
800000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 81.163 ng

RT: 7.78 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

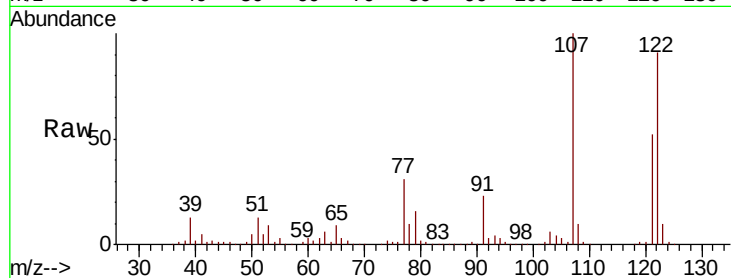
ClientSampleId :

SSTDIC080

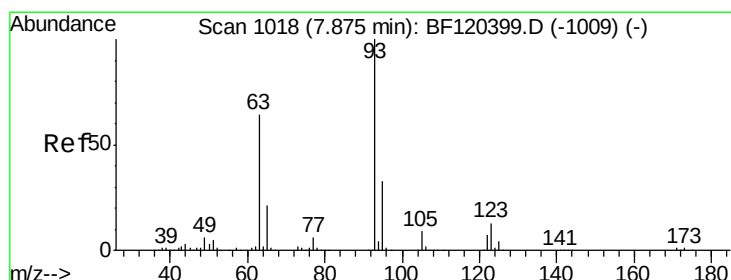
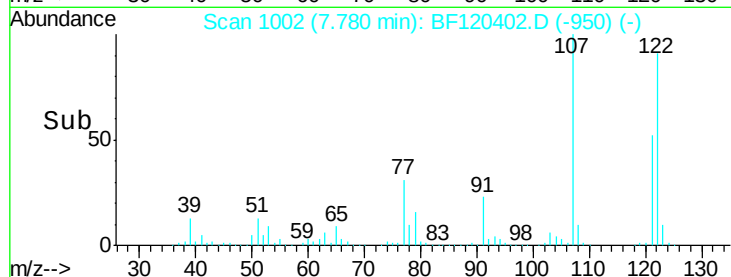
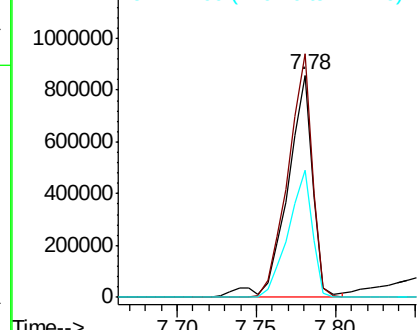
Tot Ion:	122	Resp:	945609
Ion Ratio	Lower	Upper	
122	100		
107	109.4	87.3	130.9
121	57.1	46.2	69.2

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



#28

bis(2-Chloroethoxy)methane

Concen: 69.857 ng

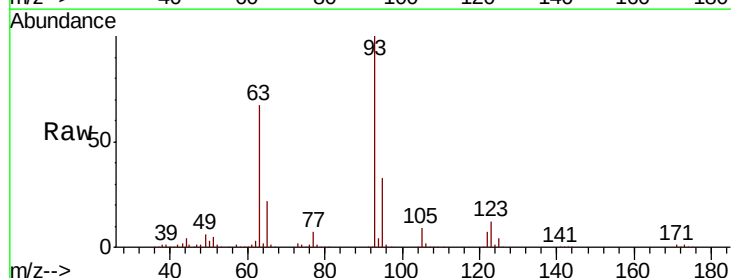
RT: 7.88 min Scan# 1019

Delta R.T. 0.01 min

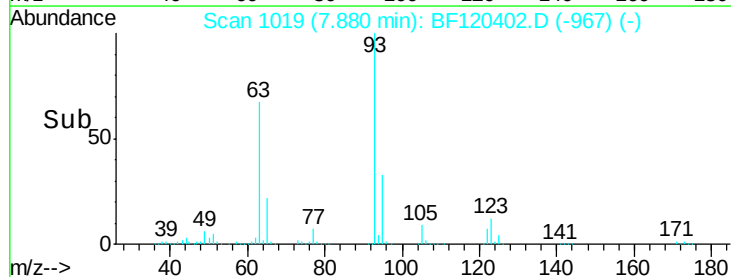
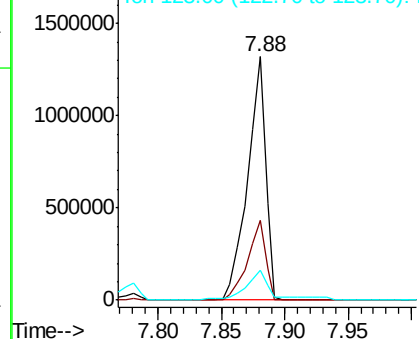
Lab File: BF120402.D

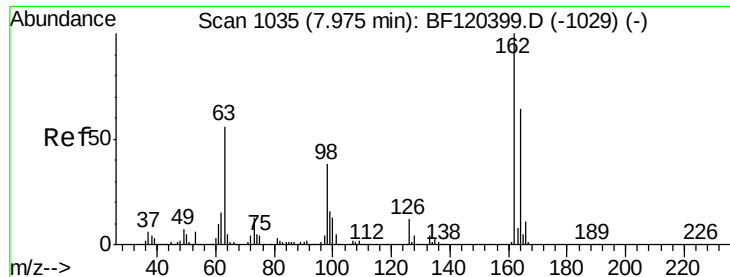
Acq: 28 May 2020 12:18

Tgt Ion:	93	Resp:	1299999
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.6	39.8
123	12.4	10.3	15.5



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





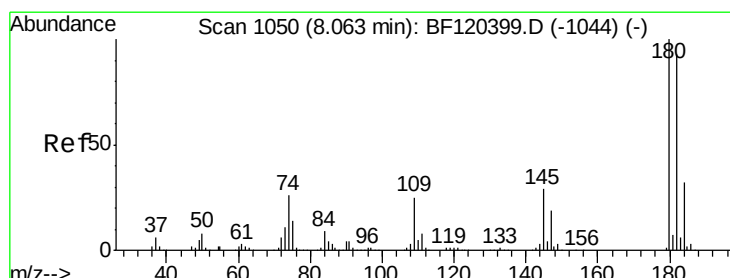
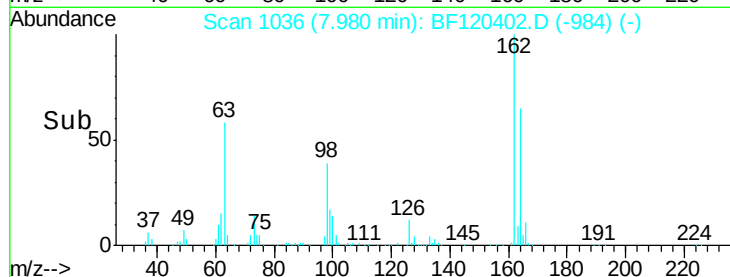
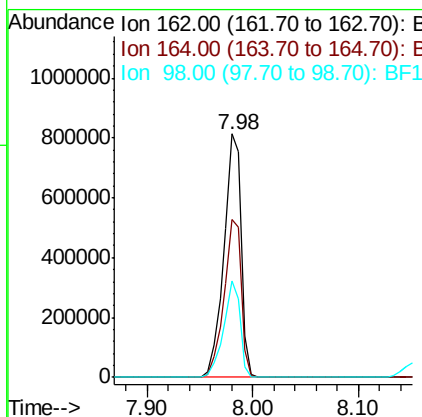
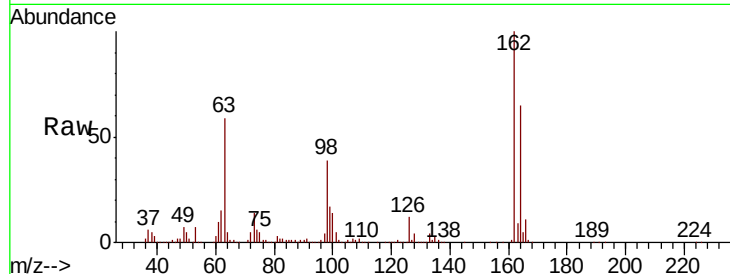
#29
2,4-Dichlorophenol
Concen: 77.186 ng
RT: 7.98 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.9	83.9
98	39.4	17.8	57.8

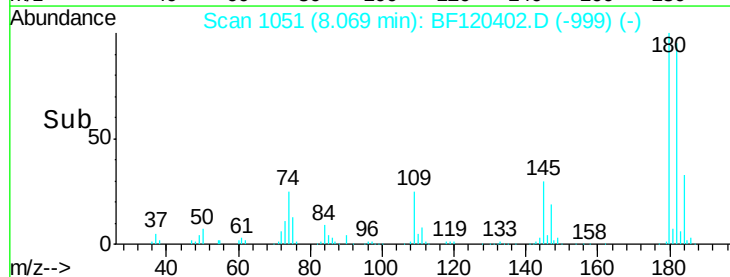
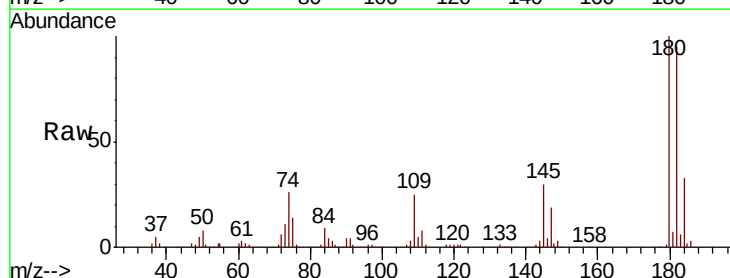
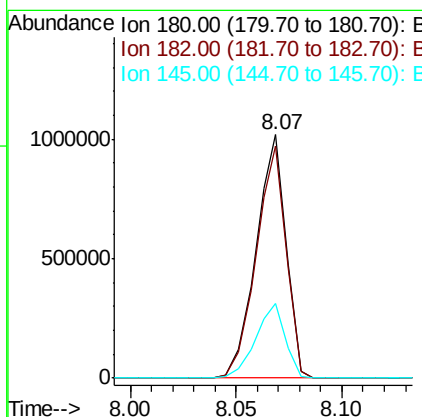
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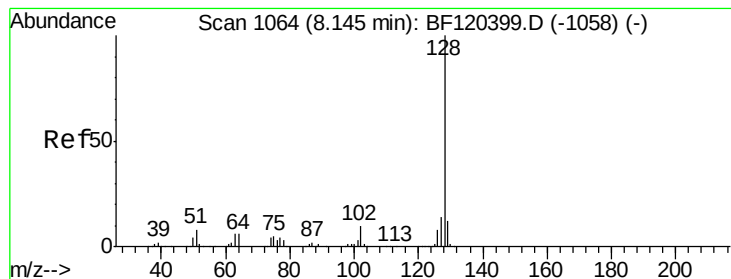
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 75.419 ng
RT: 8.07 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.6	111.8
145	30.5	23.4	35.2





#31

Naphthalene

Concen: 71.039 ng

RT: 8.15 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:128 Resp: 2920949

Ion Ratio Lower Upper

128 100

129 12.3 9.7 14.5

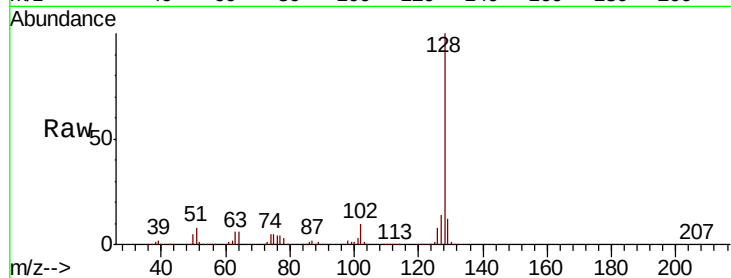
127 14.4 11.0 16.6

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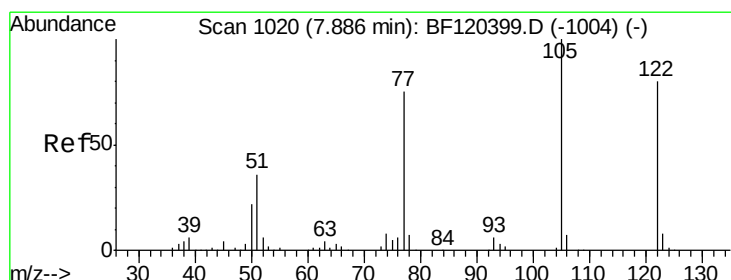
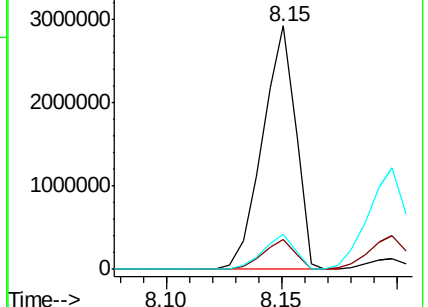
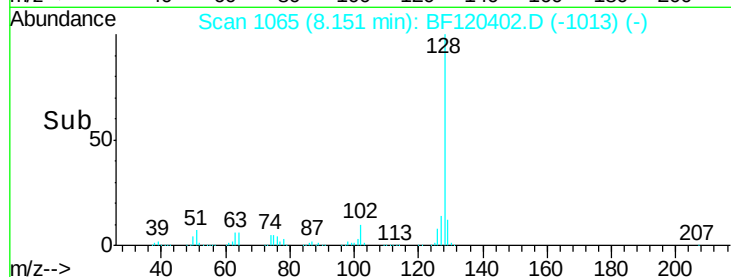
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 109.566 ng

RT: 7.93 min Scan# 1027

Delta R.T. 0.04 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

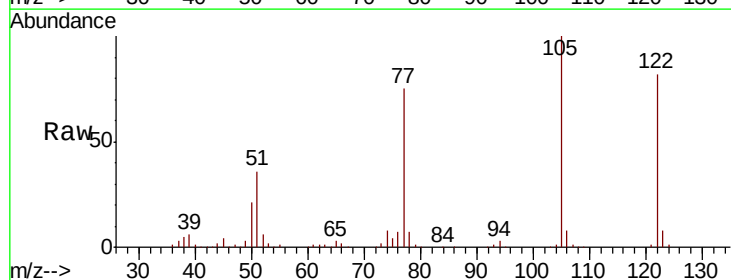
Tgt Ion:122 Resp: 836733

Ion Ratio Lower Upper

122 100

105 121.4 101.1 141.1

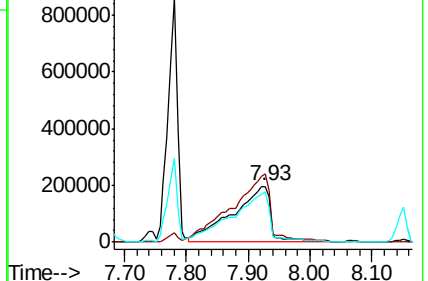
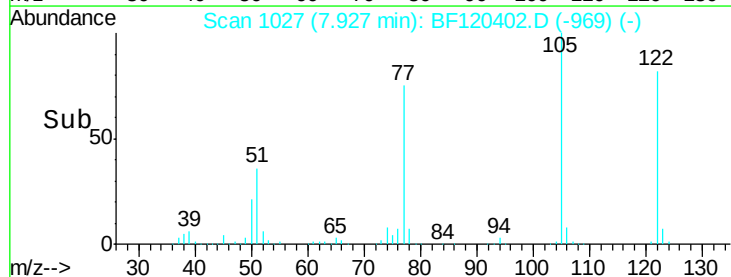
77 91.0 71.9 111.9

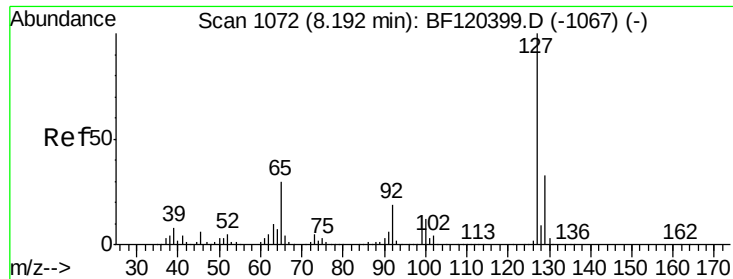


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





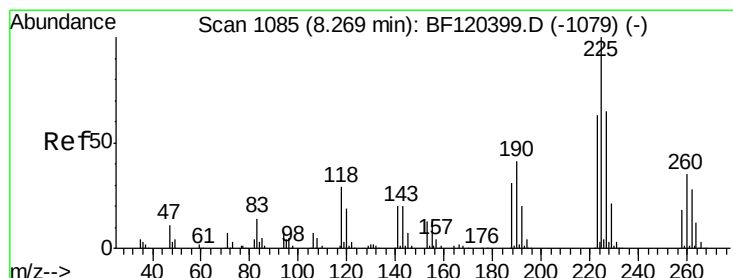
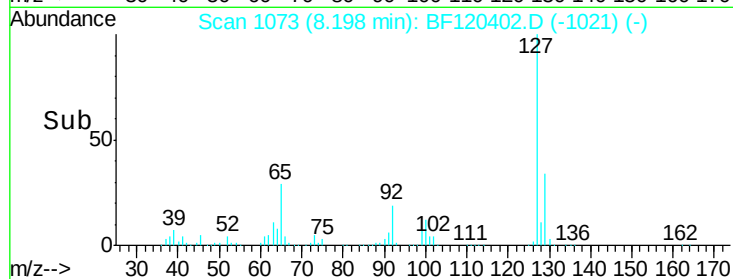
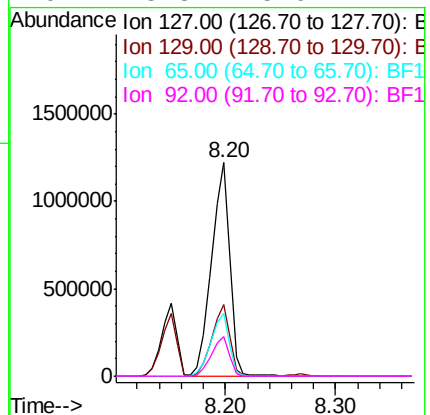
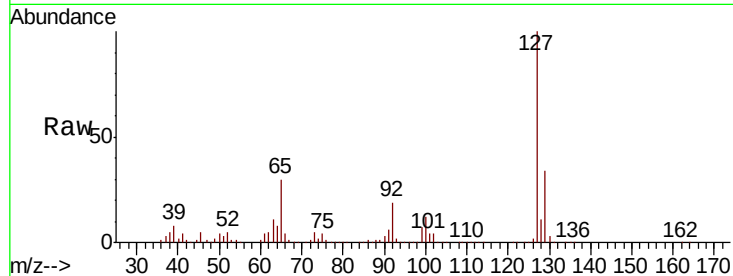
#33
4-Chloroaniline
Concen: 73.110 ng
RT: 8.20 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.8	40.2		
65	29.6	23.7	35.5		
92	18.8	15.0	22.4		

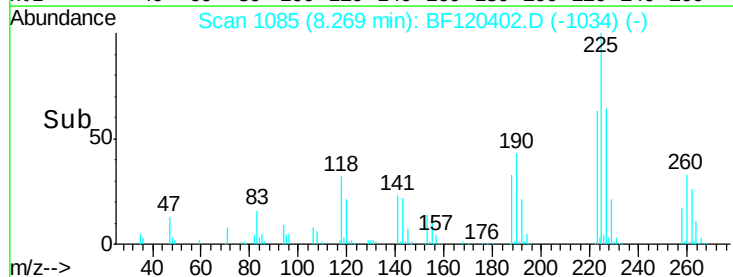
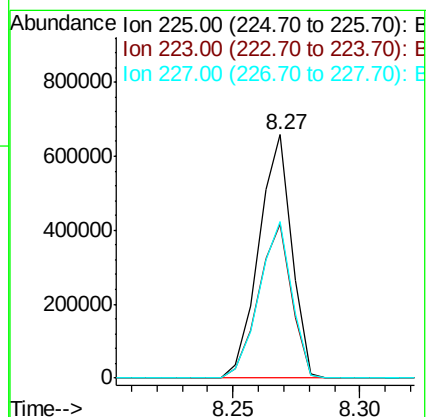
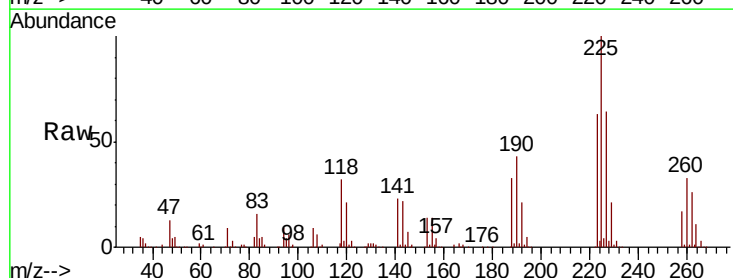
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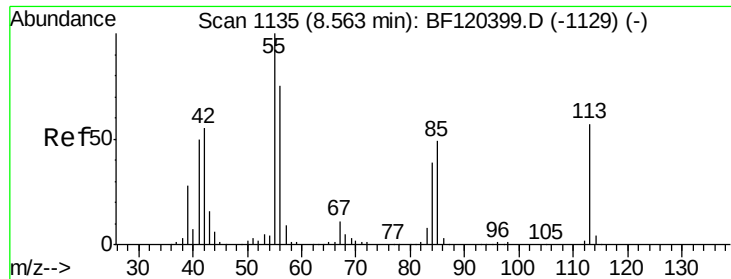
mohammad
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#34
Hexachlorobutadiene
Concen: 77.265 ng
RT: 8.27 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.2	75.2		
227	64.1	52.1	78.1		





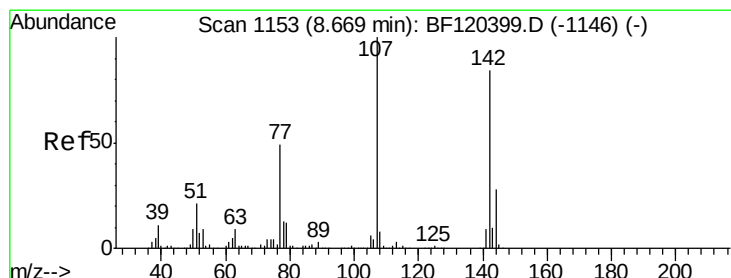
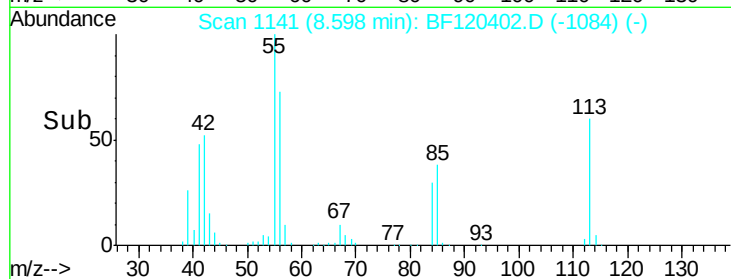
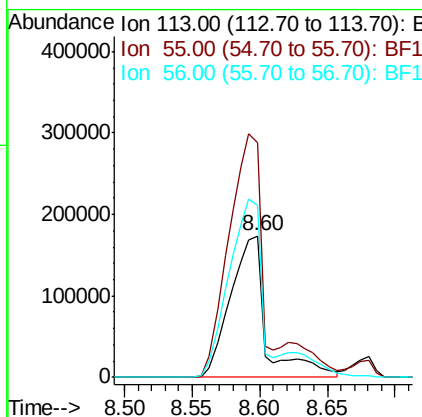
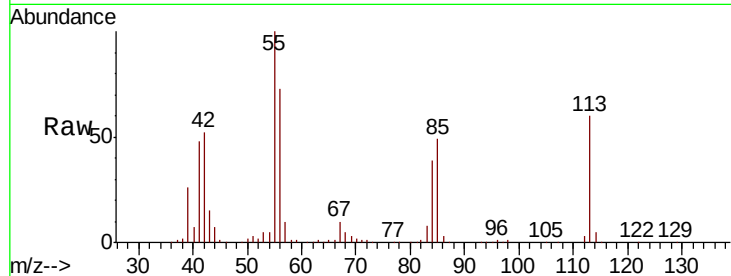
#35
Caprolactam
Concen: 81.540 ng/ml
RT: 8.60 min Scan# 1141
Delta R.T. 0.04 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	165.7		154.9	194.9	
56	121.3		110.9	150.9	

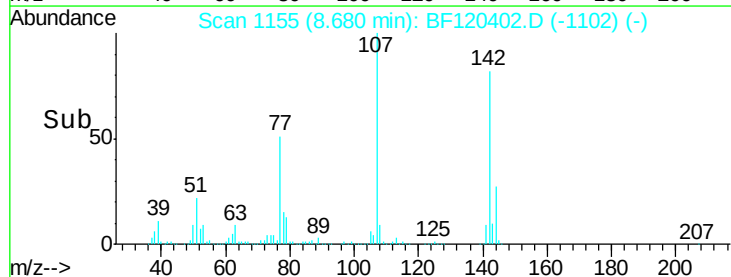
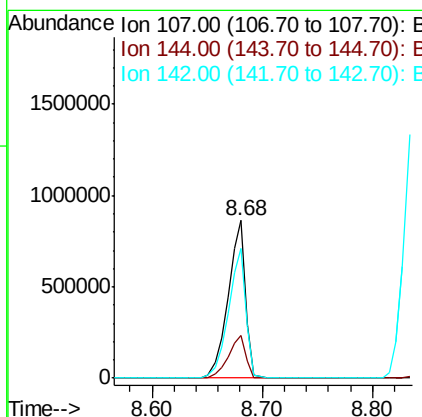
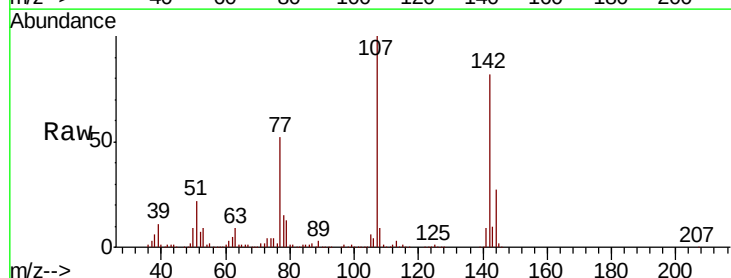
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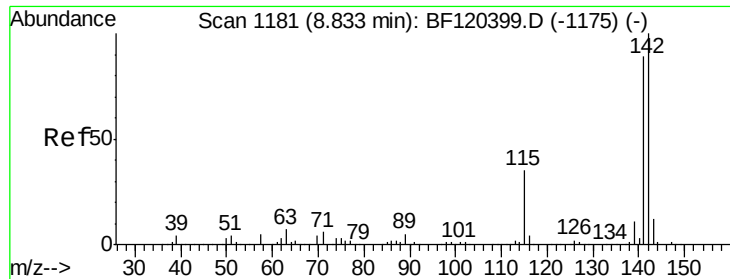
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#36
4-Chloro-3-methylphenol
Concen: 72.965 ng/ml
RT: 8.68 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.0		22.0	33.0	
142	82.4		67.0	100.4	





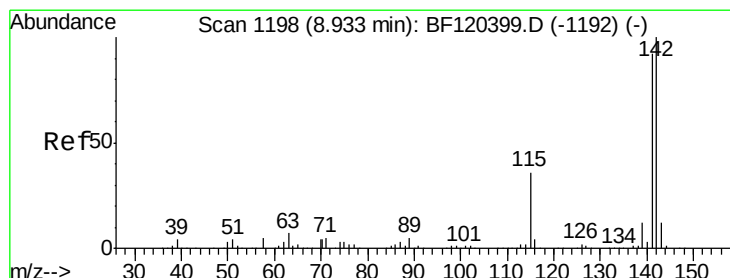
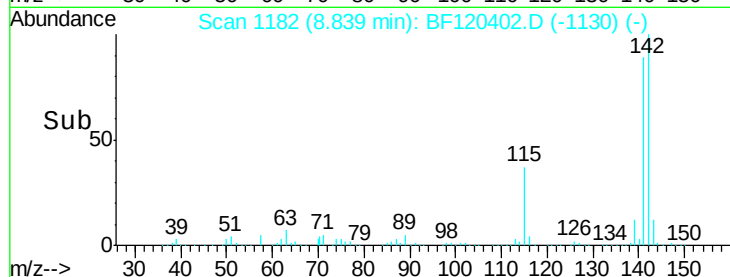
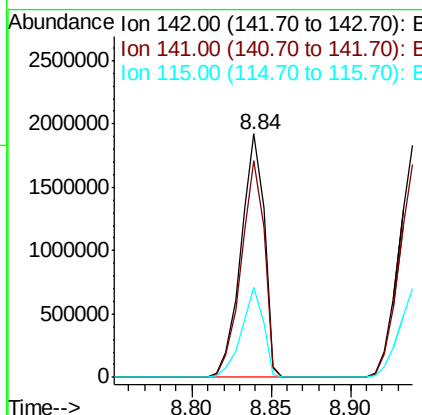
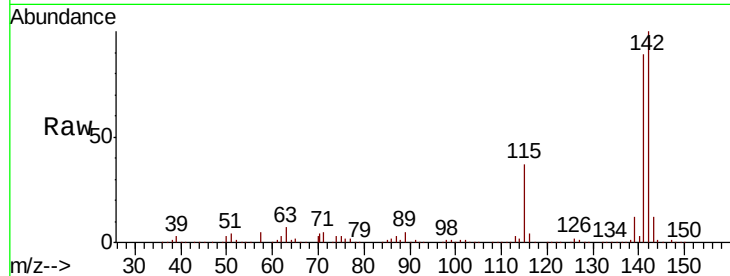
#37
2-Methylnaphthalene
Concen: 69.302 ng
RT: 8.84 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.0
115	37.0	27.8	41.8

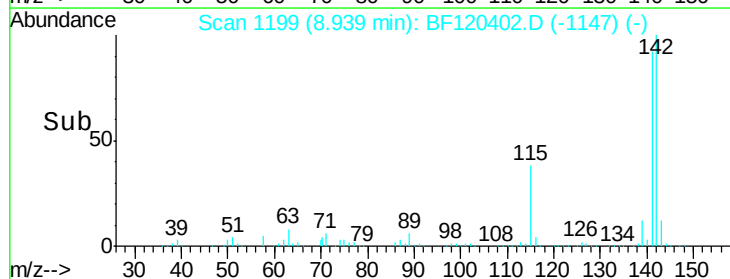
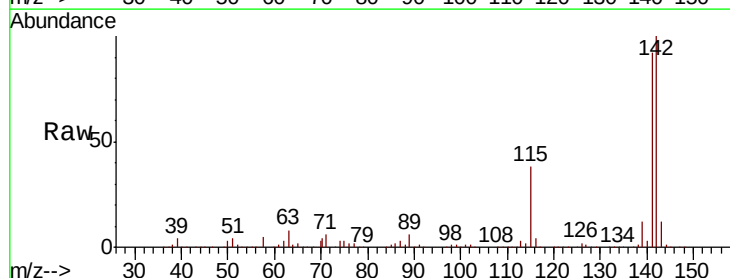
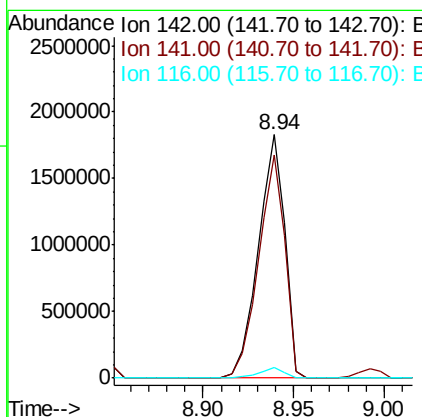
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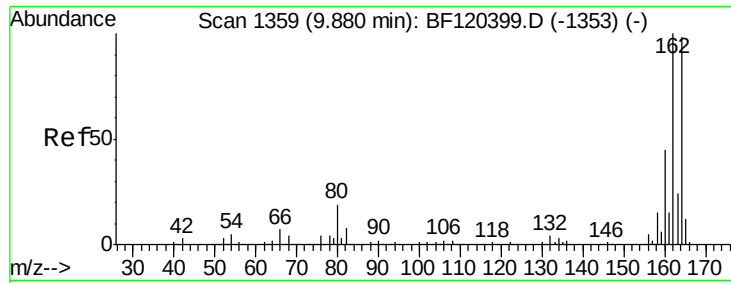
mohammad
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#38
1-Methylnaphthalene
Concen: 67.771 ng
RT: 8.94 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.9	110.9
116	4.2	3.1	4.7





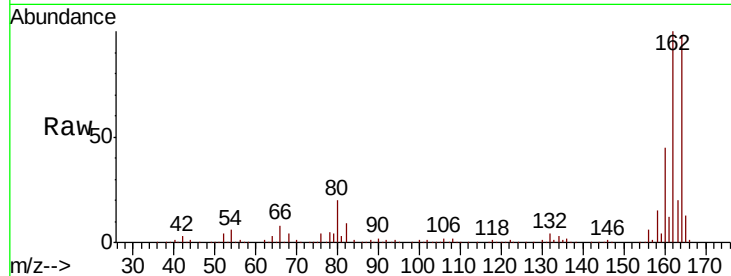
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

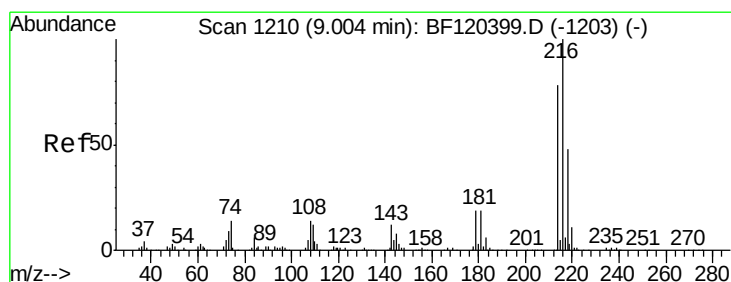
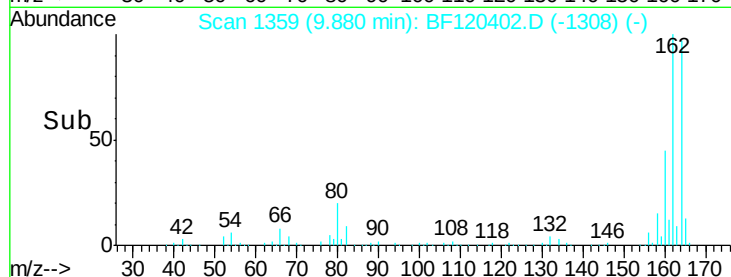
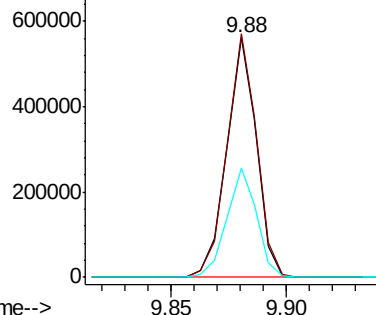
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	81.3	121.9	
160	45.7	36.9	55.3	

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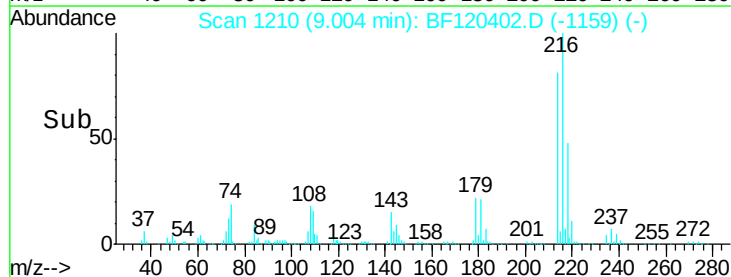
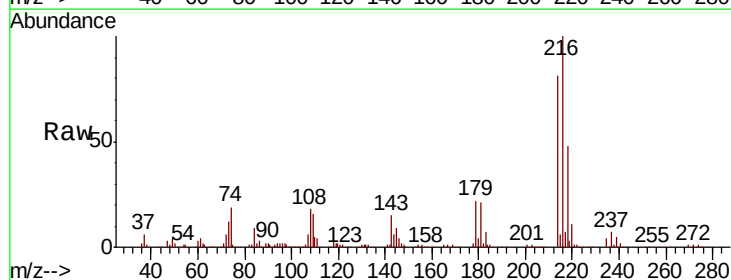
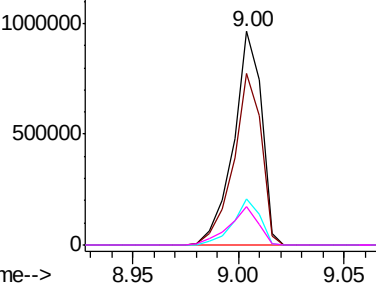
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

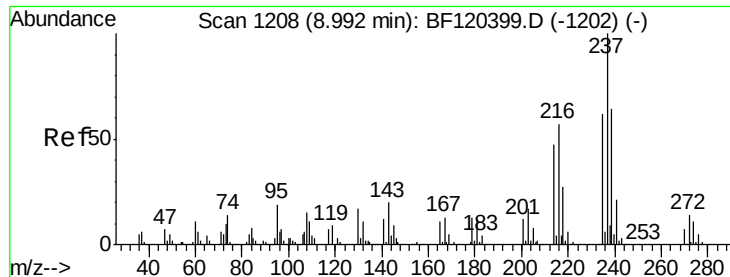


#40
1,2,4,5-Tetrachlorobenzene
Concen: 69.706 ng
RT: 9.00 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.6	95.4	
179	20.9	16.5	24.7	
108	18.9	15.0	22.4	

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





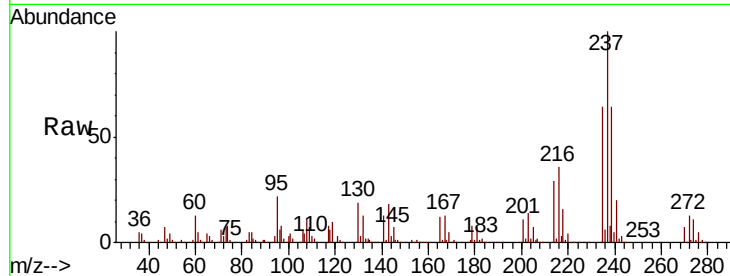
#41
 Hexachlorocyclopentadiene
 Concen: 120.201 ng
 RT: 8.99 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

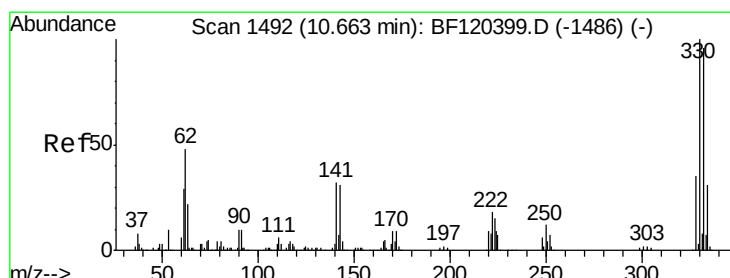
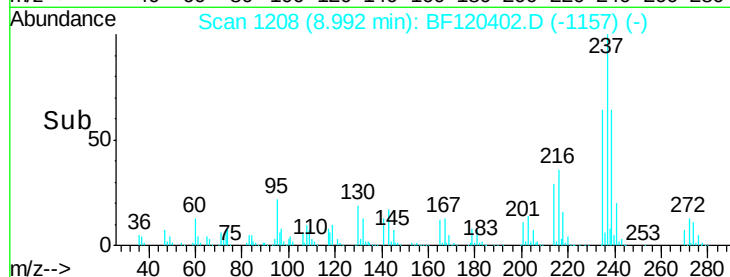
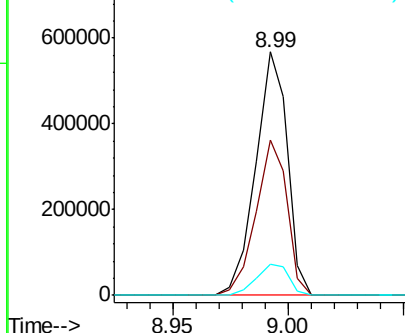
Tot Ion:	237	Resp:	542715
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.4	82.4
272	13.0	0.0	33.6

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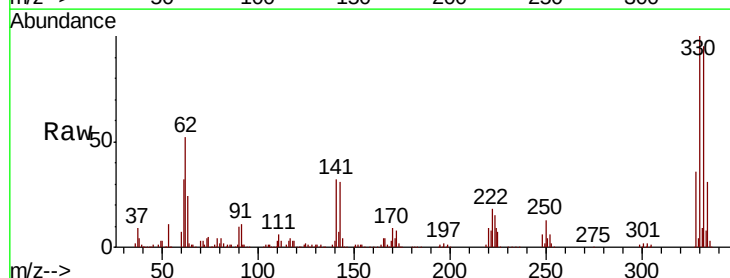


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

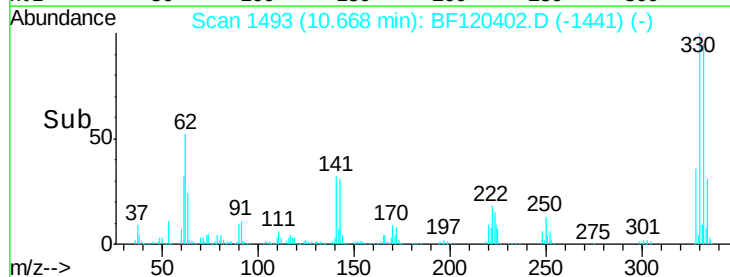
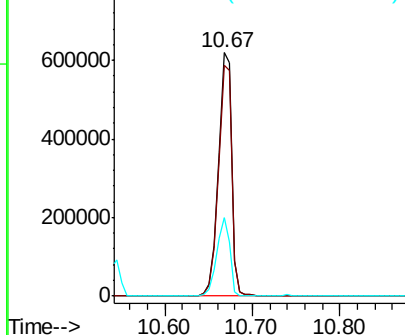


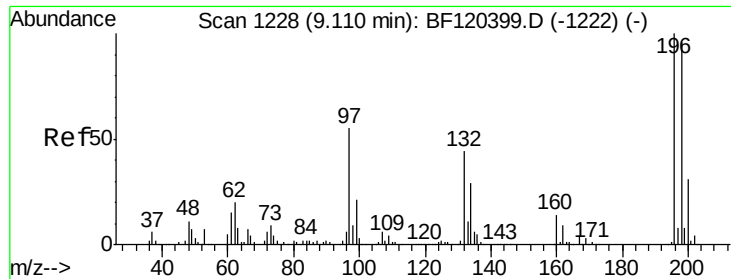
#42
 2,4,6-Tribromophenol
 Concen: 160.440 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion:	330	Resp:	662092
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	31.6	25.3	37.9



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





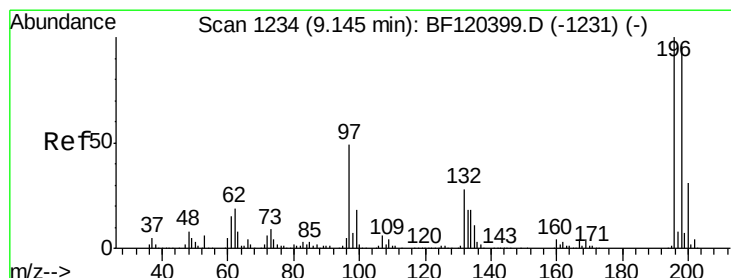
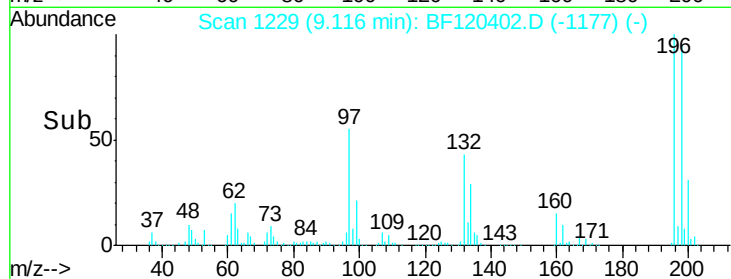
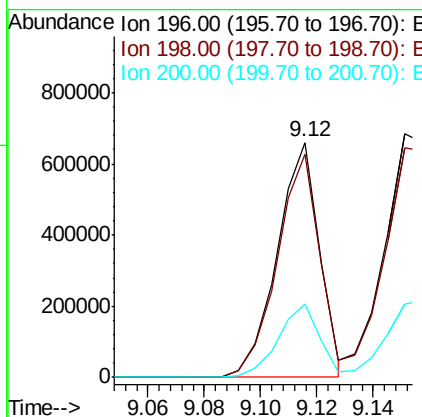
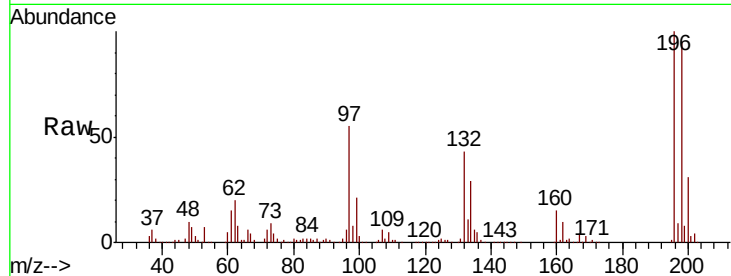
#43
 2,4,6-Trichlorophenol
 Concen: 79.668 ng
 RT: 9.12 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	682488		
198	95.1	77.1	115.7	
200	31.4	25.0	37.6	

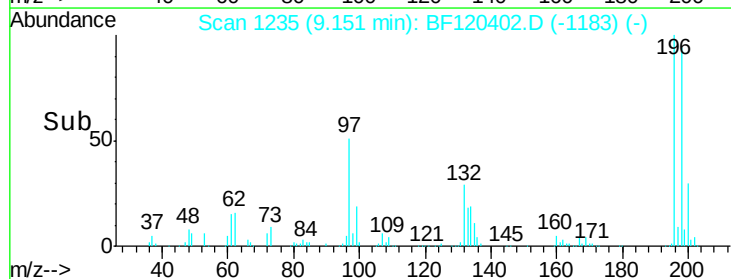
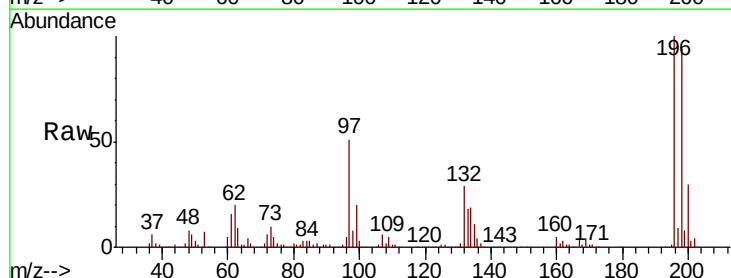
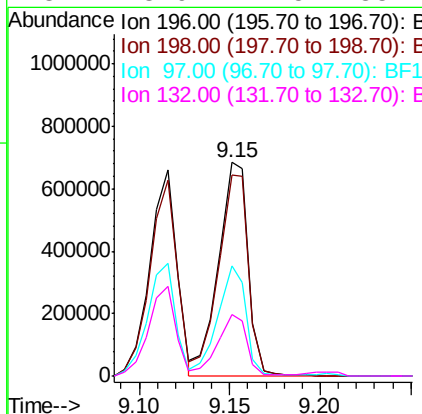
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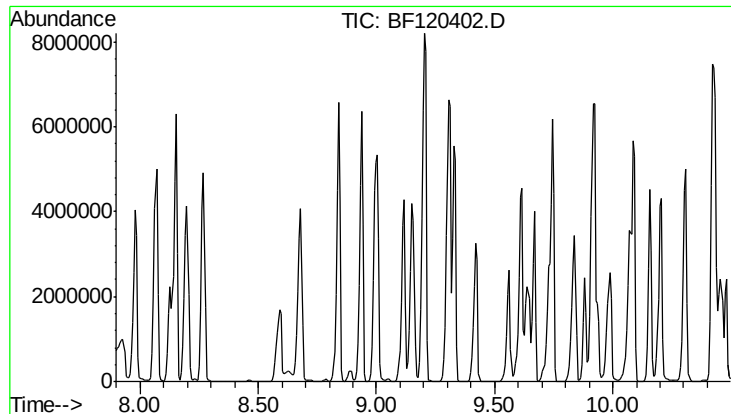
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 78.960 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	776815		
198	94.1	76.6	115.0	
97	51.5	39.5	59.3	
132	28.9	22.5	33.7	





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.20 min

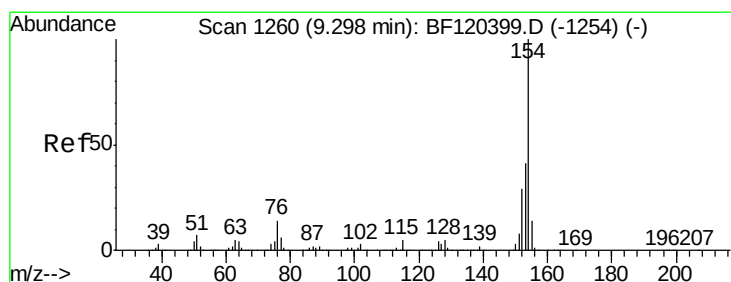
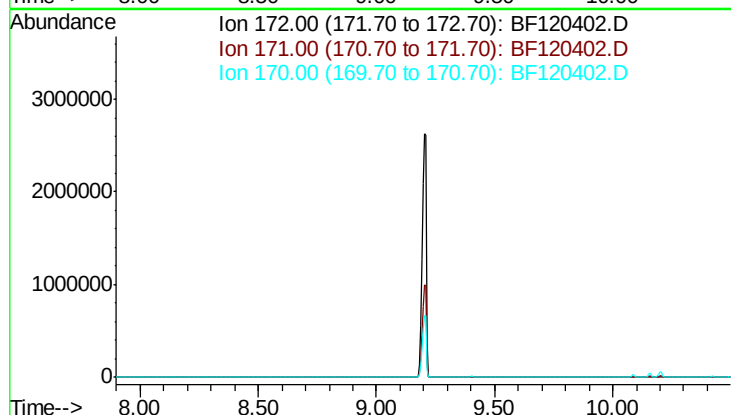
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
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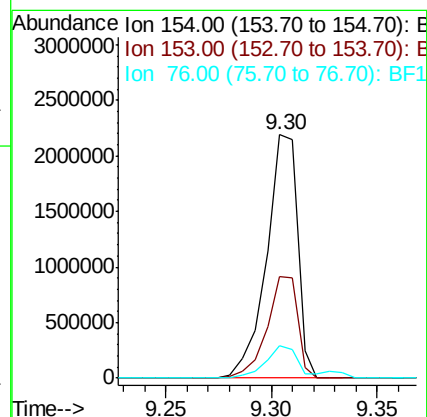
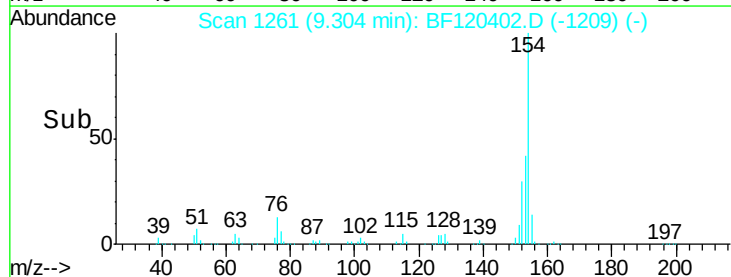
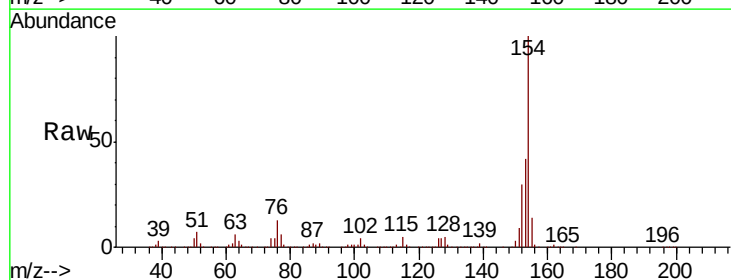
mohammad
5/29/2020 10:27:50 PM

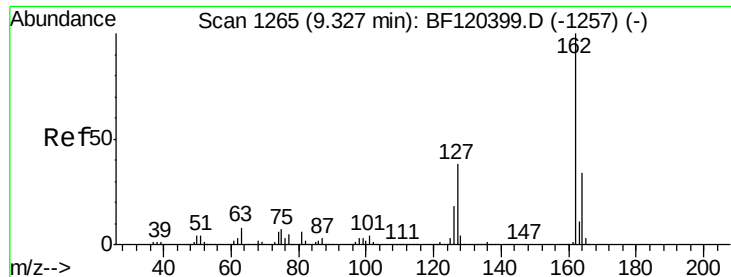
Tot Ion: 172
Sig Exp Ratio
172 100
171 37.1
170 24.9



#46
1,1'-Biphenyl
Concen: 67.612 ng
RT: 9.30 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion: 154 Resp: 2242179
Ion Ratio Lower Upper
154 100
153 41.7 20.9 60.9
76 13.2 0.0 33.7





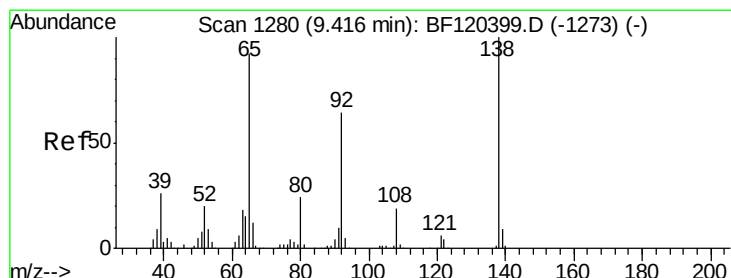
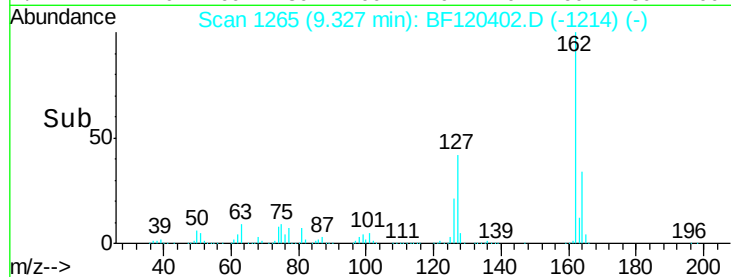
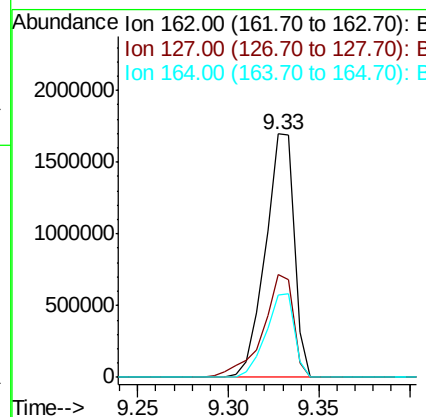
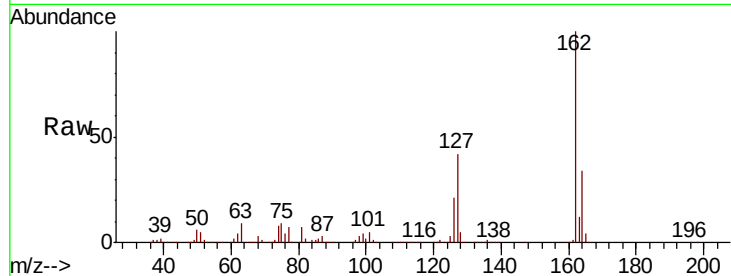
#47
 2-Chloronaphthalene
 Concen: 70.537 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	30.6	46.0
164	33.8	27.1	40.7

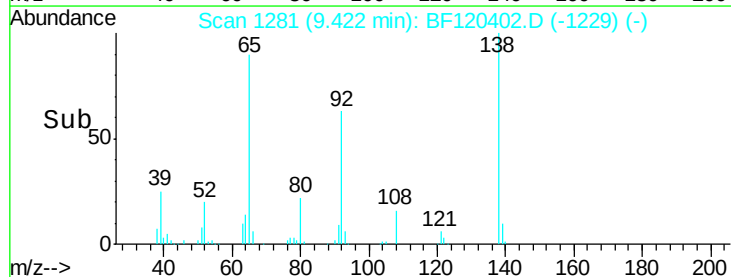
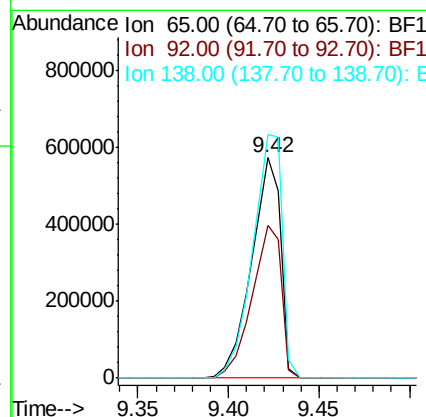
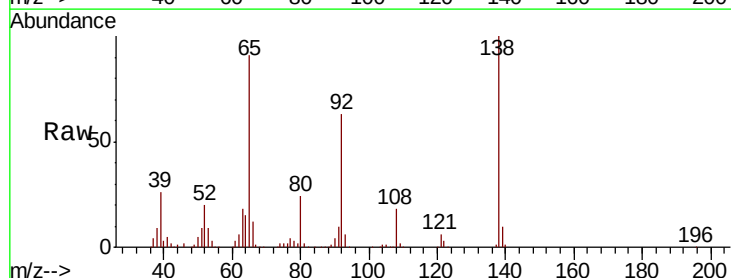
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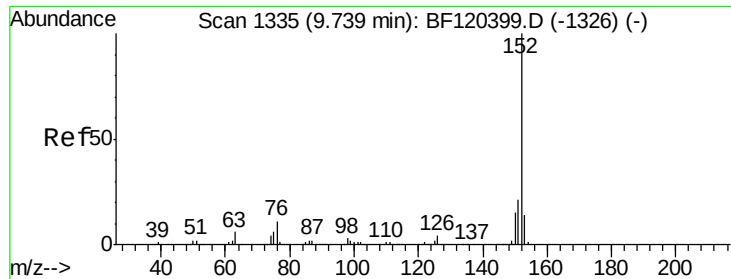
mohammad
 5/29/2020 10:27:50 PM



#48
 2-Nitroaniline
 Concen: 65.749 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.7	83.5
138	110.4	86.9	130.3





#49

Acenaphthylene

Concen: 71.006 ng

RT: 9.75 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 2885261

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

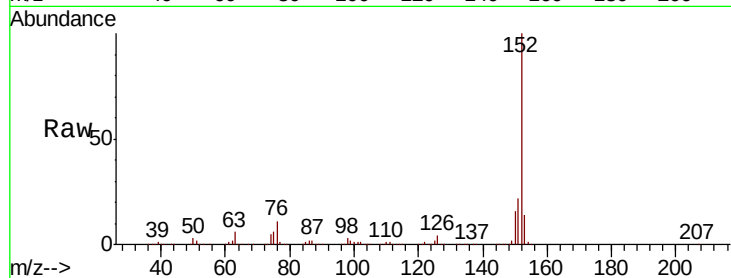
153 14.4 11.2 16.8

Manual Integrations

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mohammad

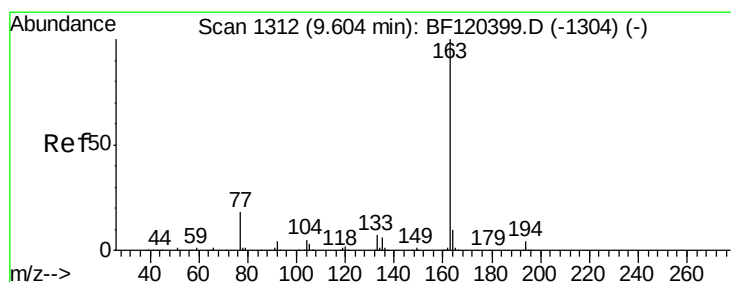
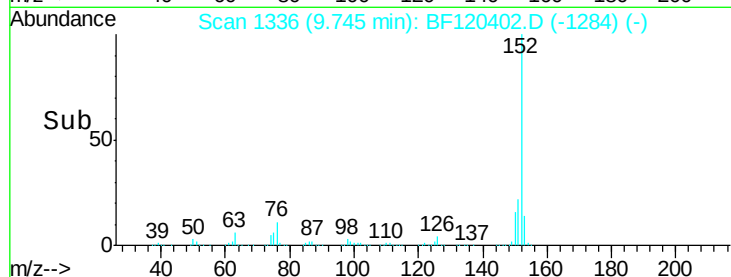
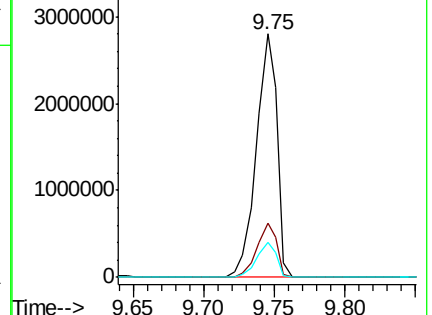
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 69.857 ng

RT: 9.62 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

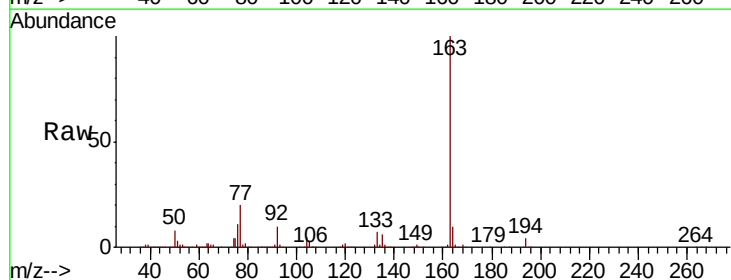
Tgt Ion:163 Resp: 2235062

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

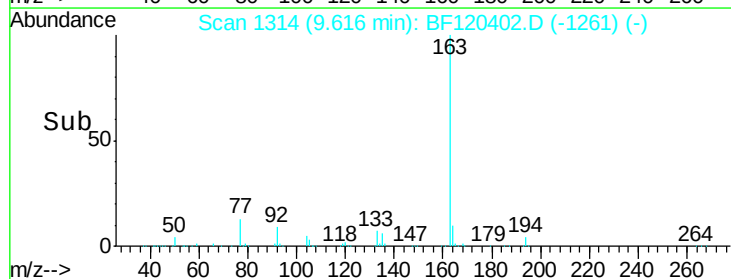
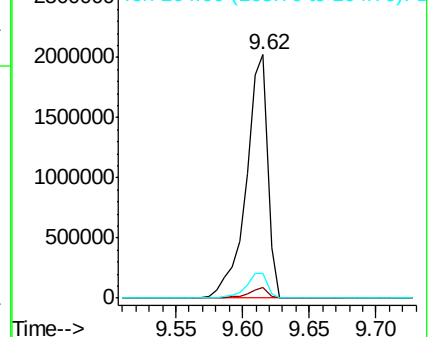
164 10.4 8.3 12.5

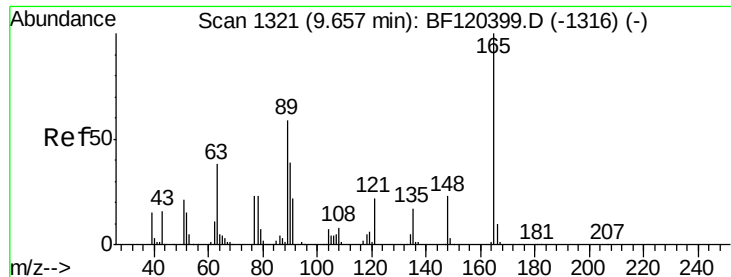


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





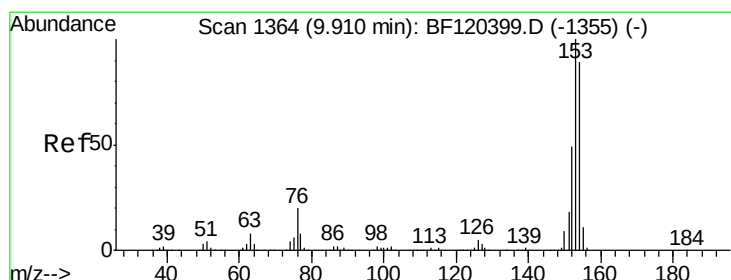
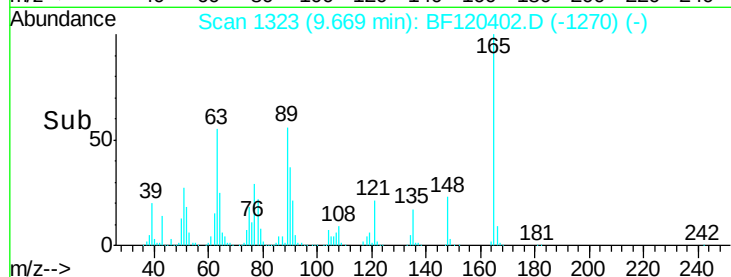
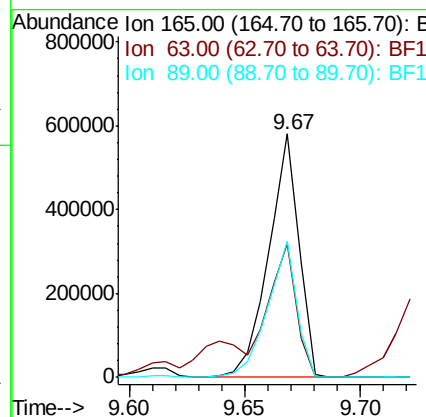
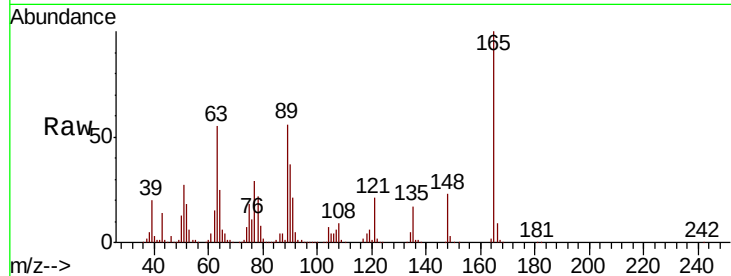
#51
 2,6-Dinitrotoluene
 Concen: 73.909 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	165	Resp:	527780
Ion Ratio	Lower	Upper	
165	100		
63	54.8	46.9	70.3
89	56.0	47.5	71.3

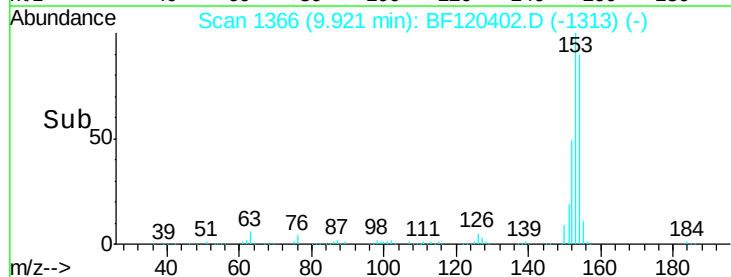
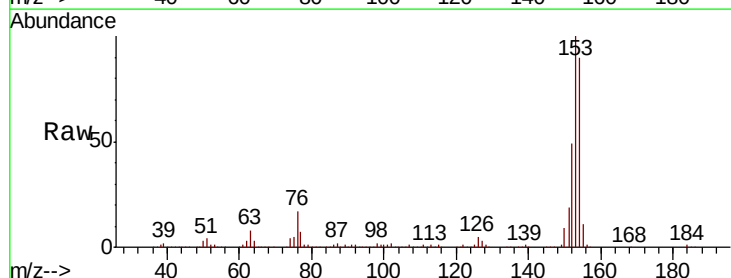
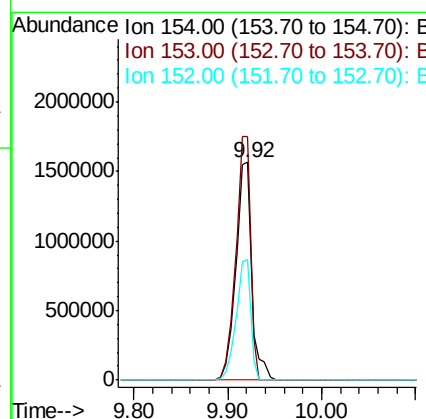
Manual Integrations
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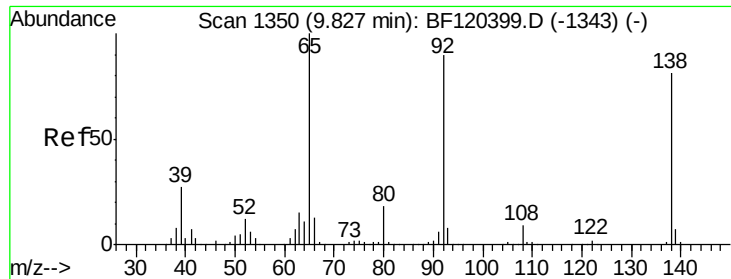
mohammad
 5/29/2020 10:27:50 PM



#52
 Acenaphthene
 Concen: 75.352 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion:	154	Resp:	1835306
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.0	135.0
152	55.1	43.9	65.9





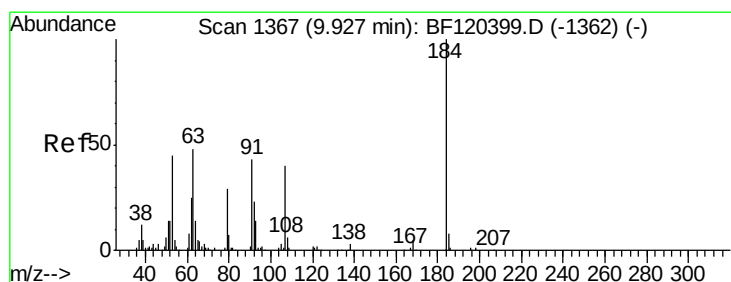
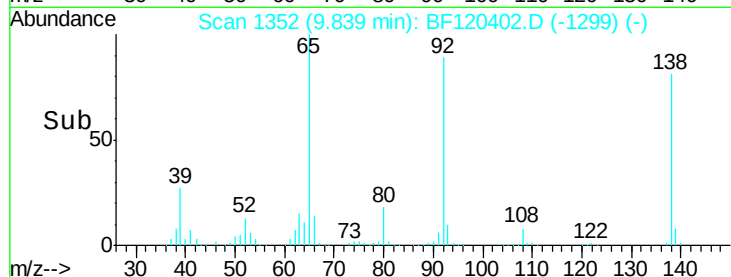
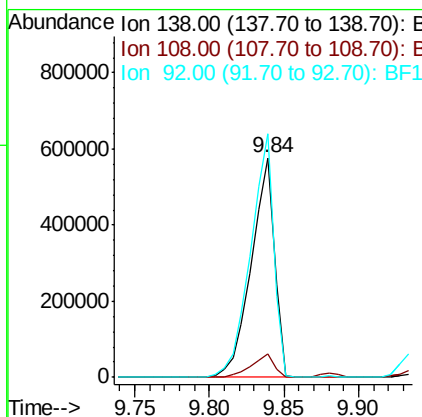
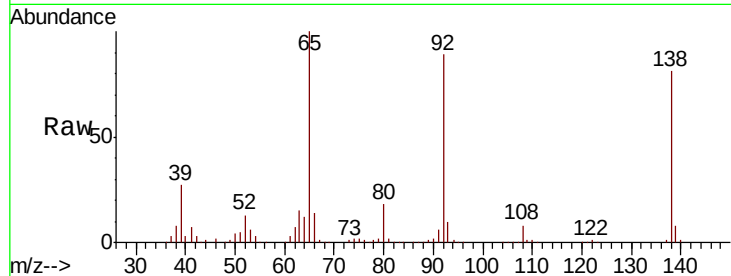
#53
3-Nitroaniline
Concen: 72.851 ng
RT: 9.84 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	110.7	89.0	133.4

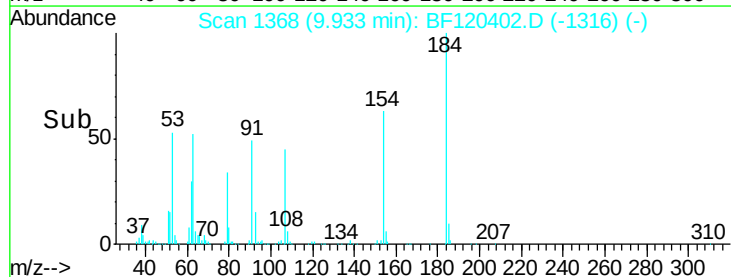
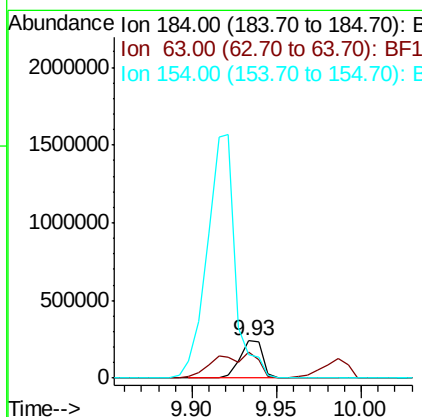
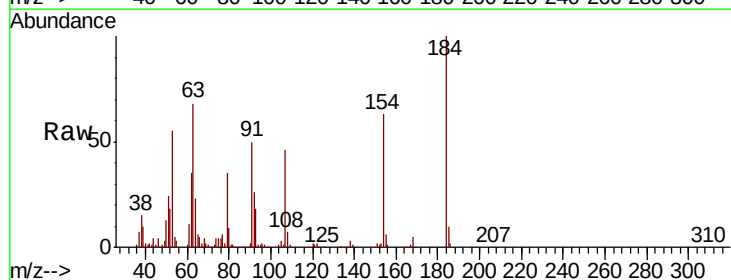
Manual Integrations
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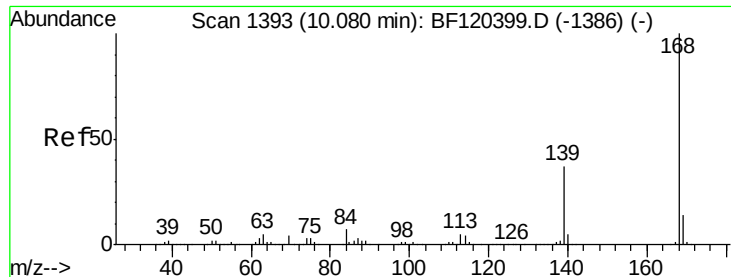
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.267 ng
RT: 9.93 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.5	45.9	68.9
154	63.1	46.4	69.6





#55

Dibenzenofuran

Concen: 73.998 ng

RT: 10.09 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:168 Resp: 2595479

Ion Ratio Lower Upper

168 100

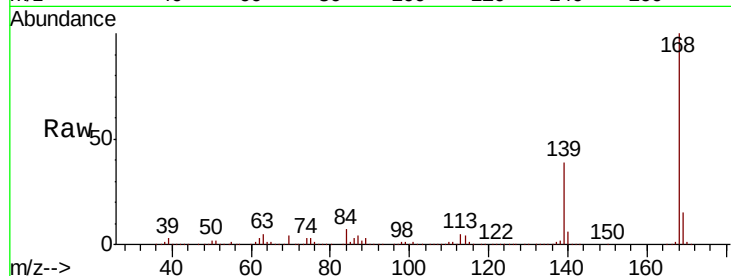
139 39.1 30.0 45.0

169 14.6 11.5 17.3

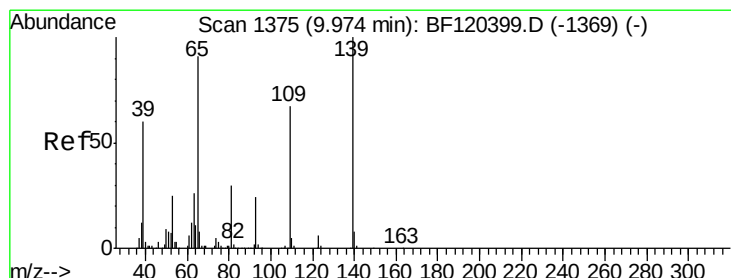
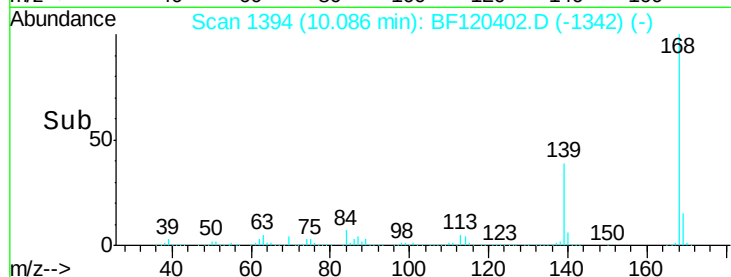
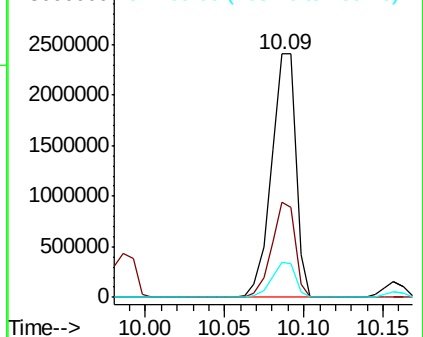
Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 110.271 ng

RT: 9.99 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

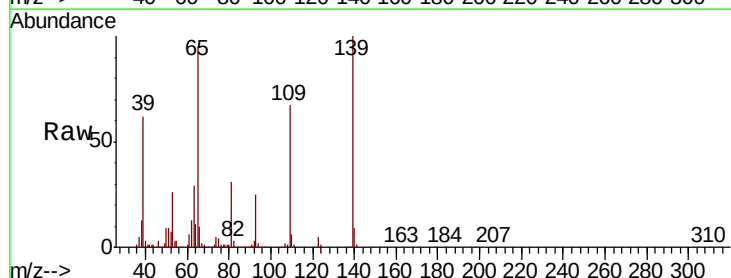
Tgt Ion:139 Resp: 504562

Ion Ratio Lower Upper

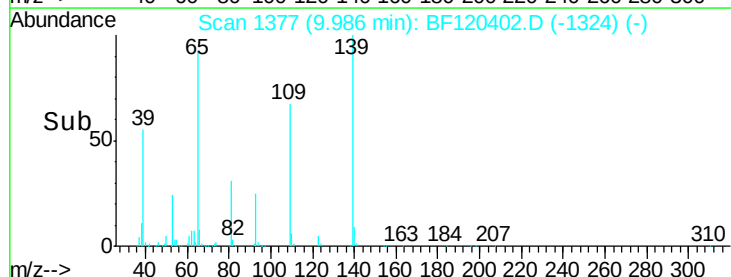
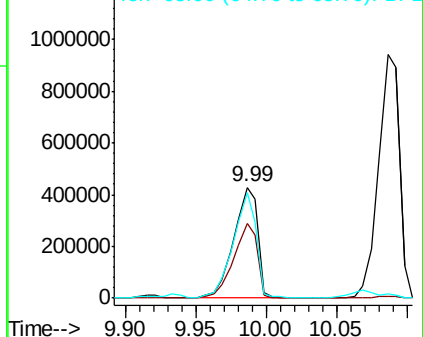
139 100

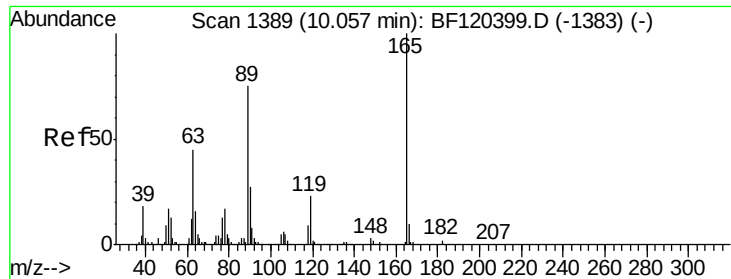
109 67.3 47.3 87.3

65 94.6 71.5 111.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





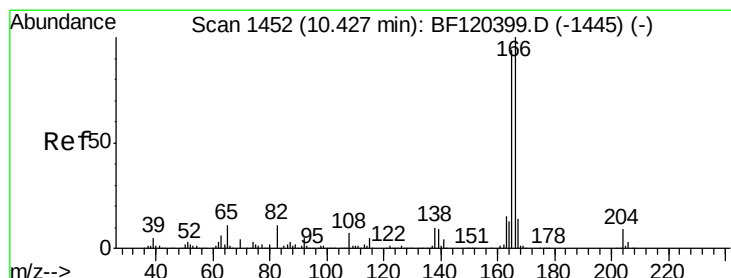
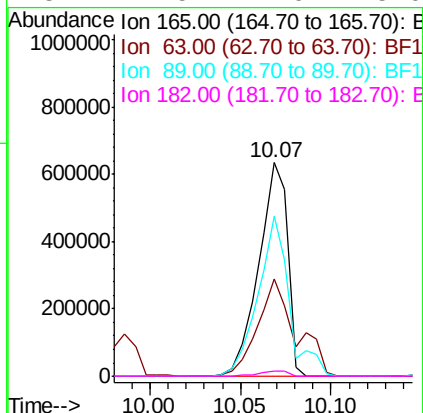
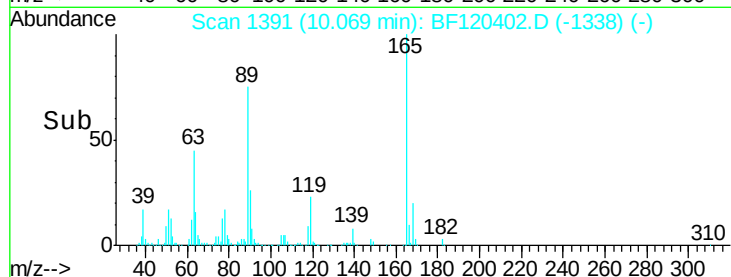
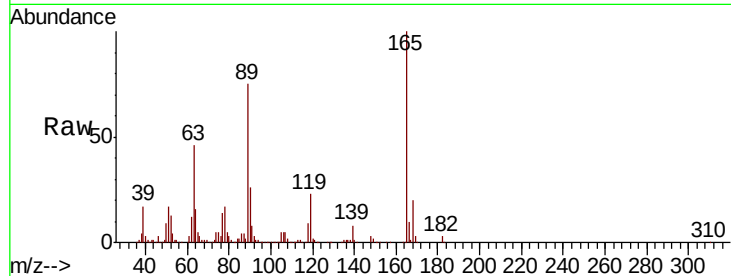
#57
 2,4-Dinitrotoluene
 Concen: 83.594 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	35.9	53.9
89	74.9	60.0	90.0
182	2.5	2.0	3.0

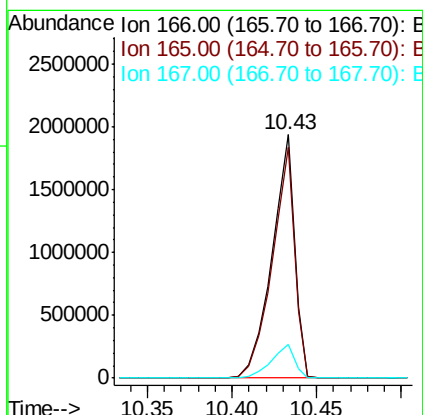
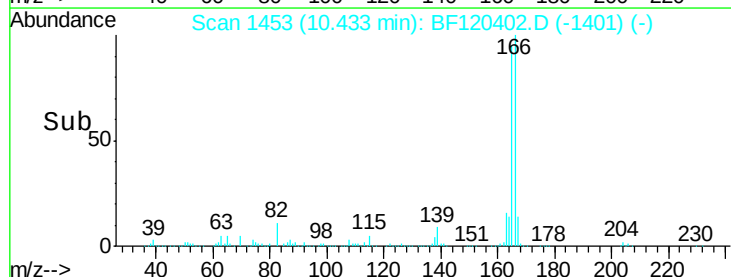
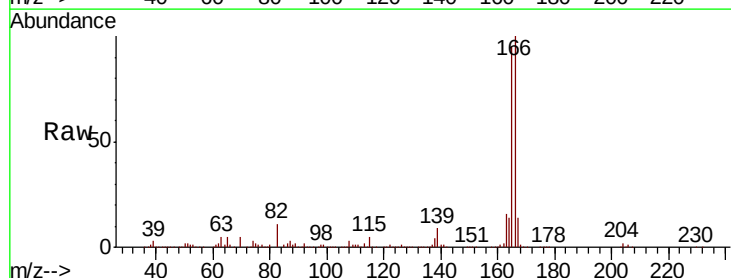
Manual Integrations
 APPROVED

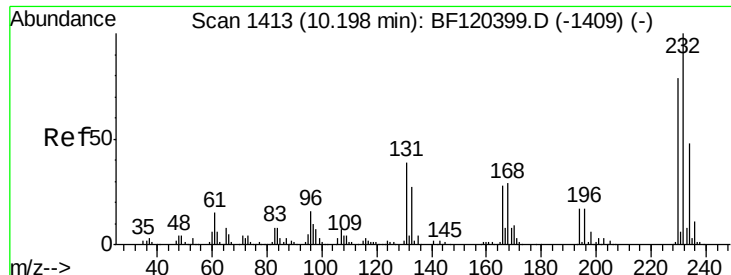
mohammad
 5/29/2020 10:27:50 PM



#58
 Fluorene
 Concen: 67.048 ng
 RT: 10.43 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.6	113.4
167	14.0	10.9	16.3





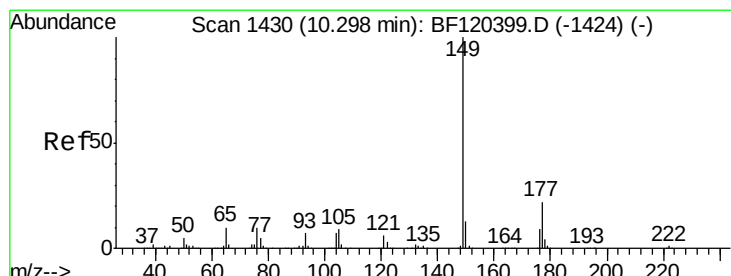
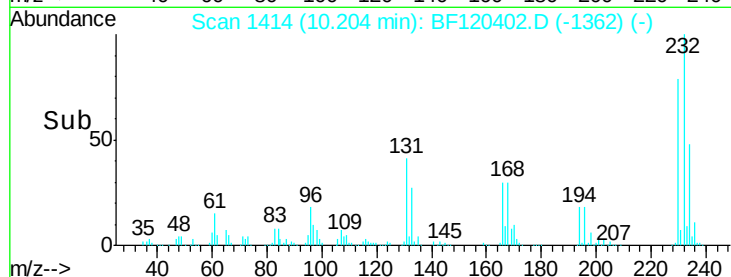
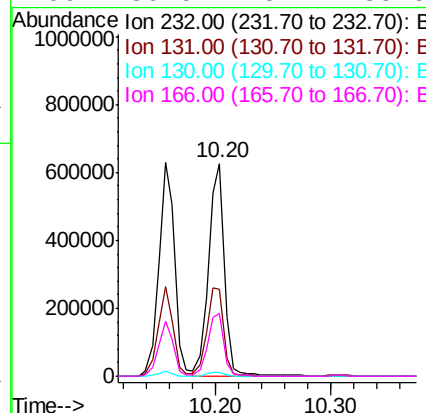
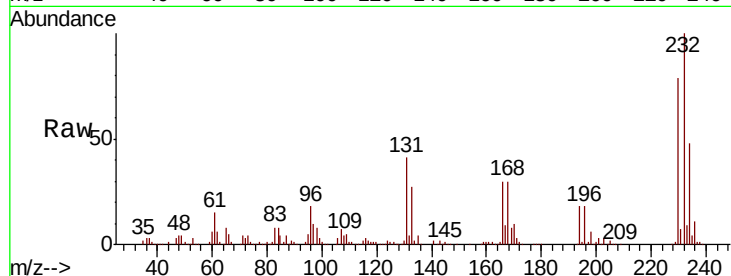
#59
2,3,4,6-Tetrachlorophenol
Concen: 80.374 ng
RT: 10.20 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
232	100	595073		
131	44.7	34.6	51.8	
130	2.2	1.7	2.5	
166	30.5	23.7	35.5	

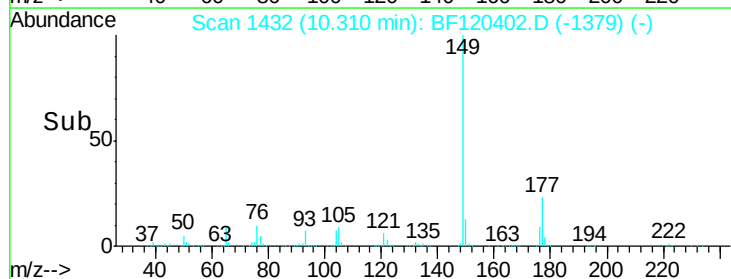
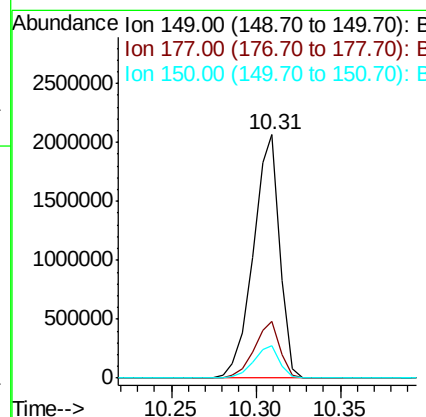
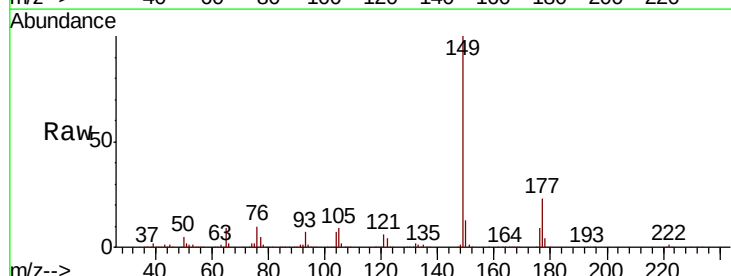
Manual Integrations
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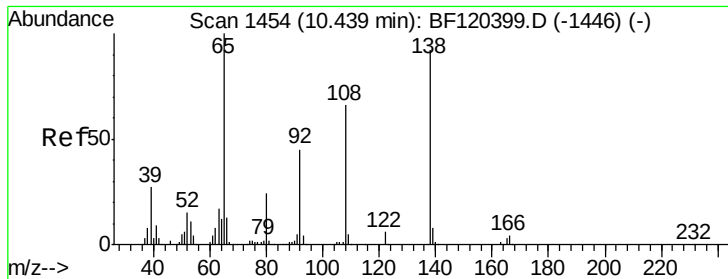
mohammad
5/29/2020 10:27:50 PM



#60
Diethylphthalate
Concen: 72.796 ng
RT: 10.31 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2248578		
177	23.2	17.4	26.2	
150	13.2	10.3	15.5	





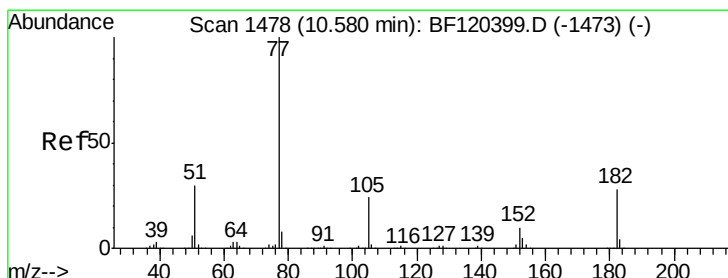
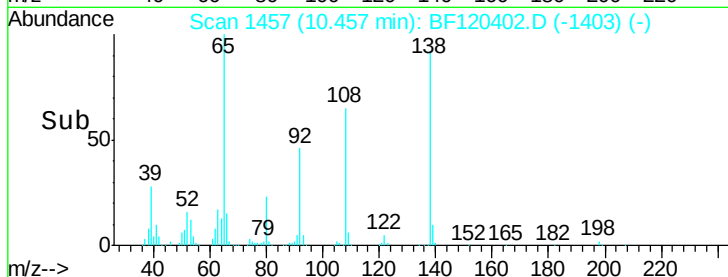
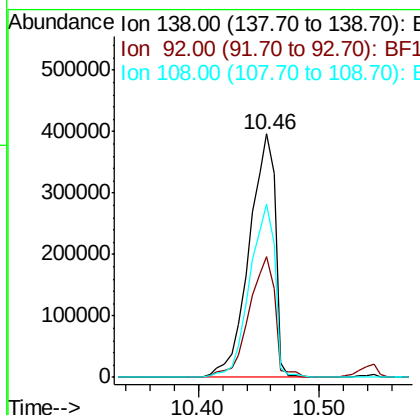
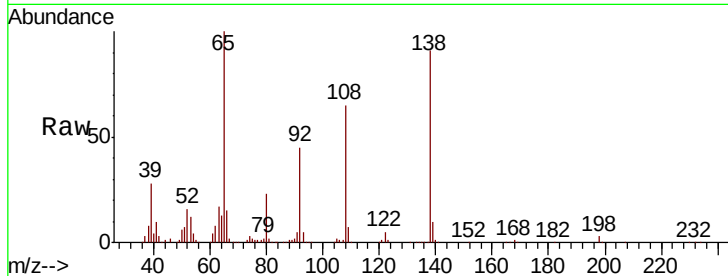
#62
4-Nitroaniline
Concen: 75.800 ng
RT: 10.46 min Scan# 1457
Delta R.T. 0.02 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.3	69.3
108	71.1	51.8	91.8

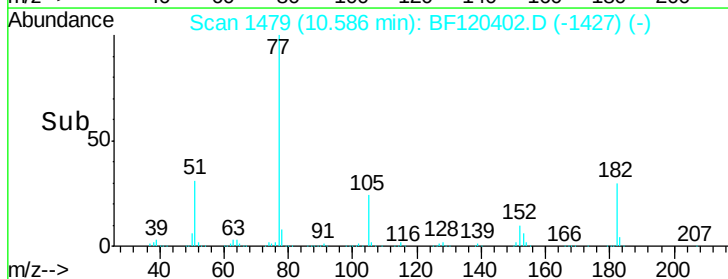
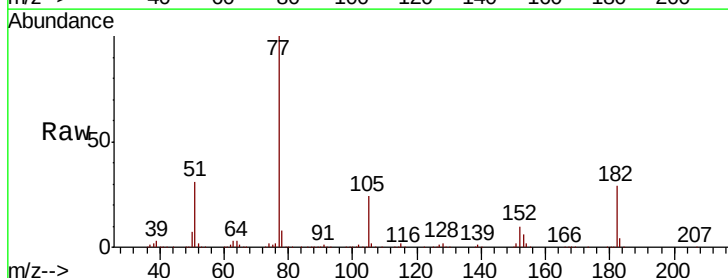
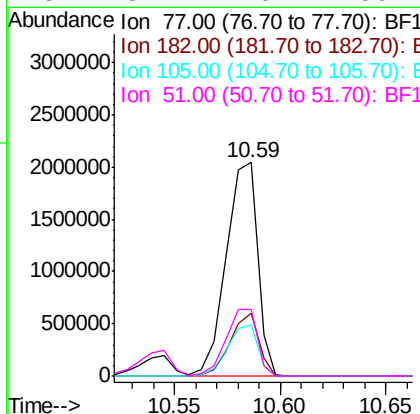
Manual Integrations
APPROVED

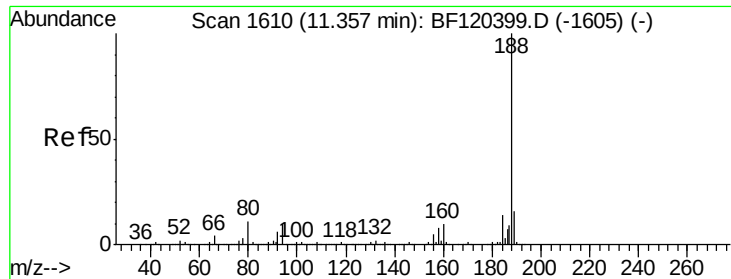
mohammad
5/29/2020 10:27:50 PM



#63
Azobenzene
Concen: 71.617 ng
RT: 10.59 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	8.1	48.1
105	23.9	3.8	43.8
51	31.4	10.1	50.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

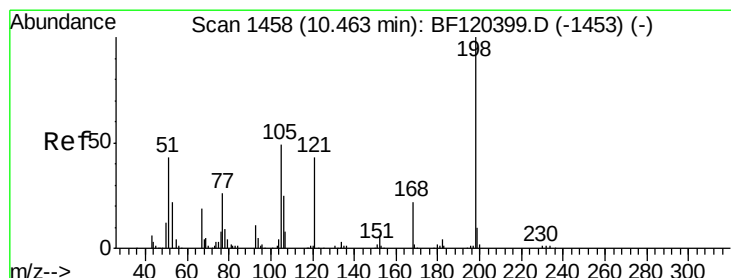
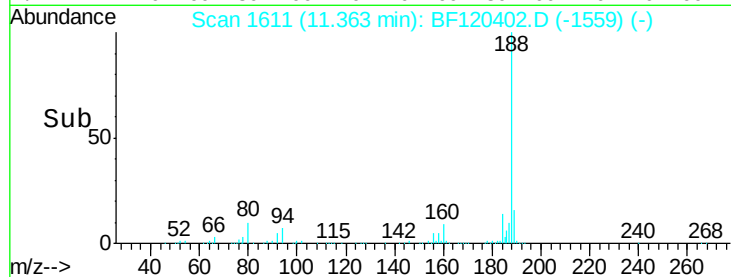
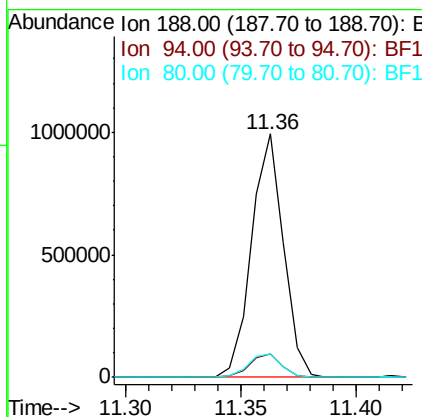
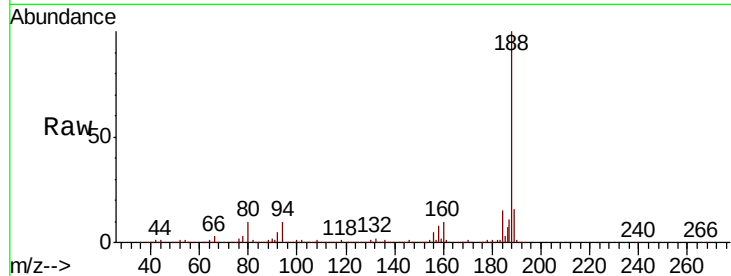
ClientSampleId :

SSTDICC080

Tot Ion:	188	Resp:	957213
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.9	11.9
80	9.9	8.6	13.0

Manual Integrations
APPROVED

mohammad
5/29/2020 10:27:50 PM



#65

4,6-Dinitro-2-methylphenol

Concen: 66.417 ng

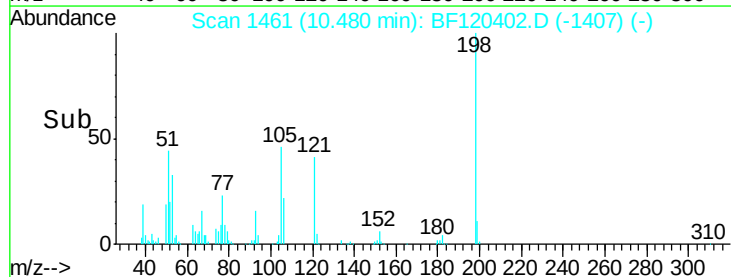
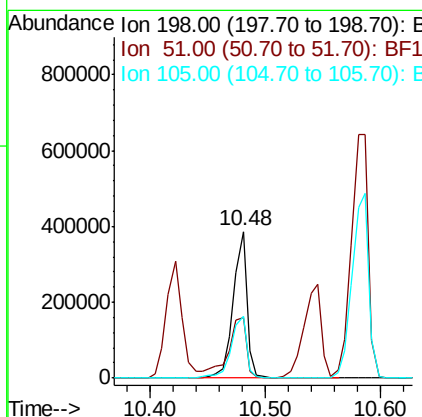
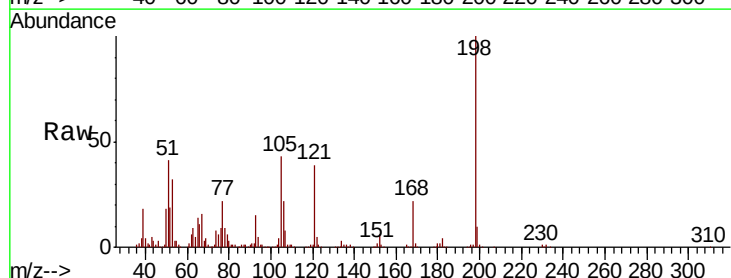
RT: 10.48 min Scan# 1461

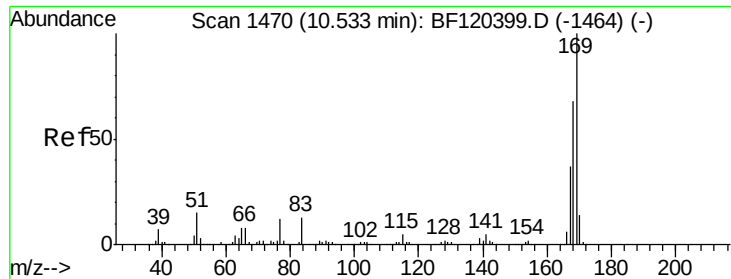
Delta R.T. 0.02 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Tgt Ion:	198	Resp:	321521
Ion Ratio	Lower	Upper	
198	100		
51	41.4	34.1	74.1
105	42.5	30.5	70.5





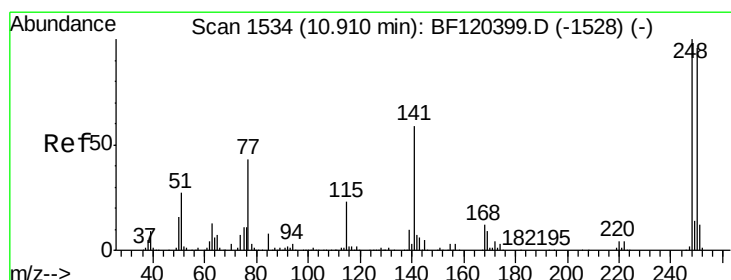
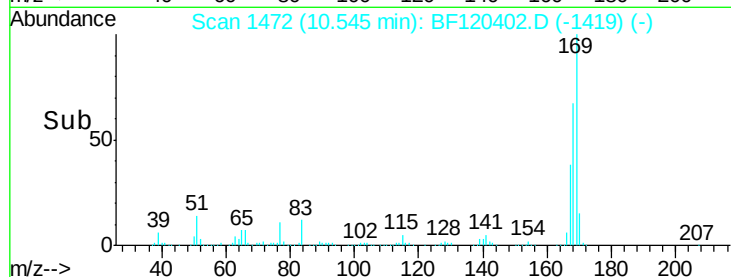
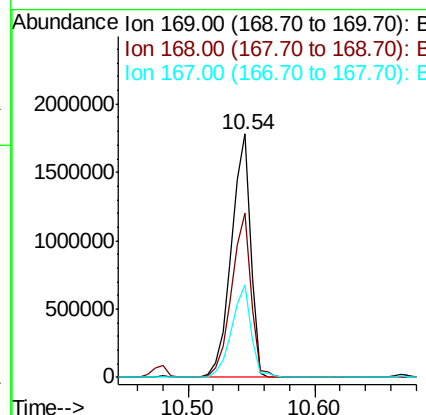
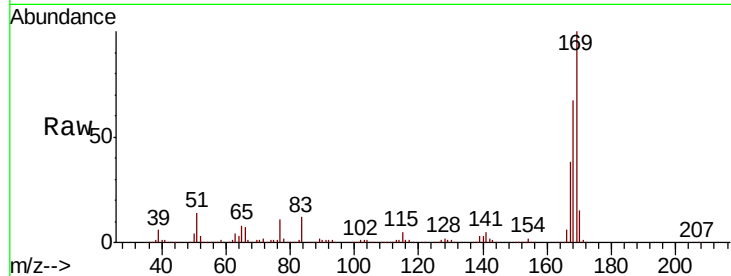
#66
 n-Nitrosodiphenylamine
 Concen: 69.982 ng
 RT: 10.54 min Scan# 1472
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.3	54.2	81.2	
167	38.0	29.8	44.8	

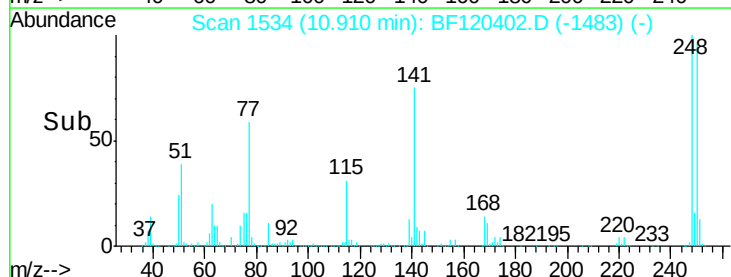
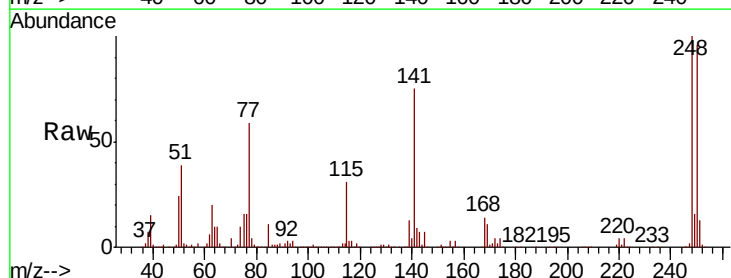
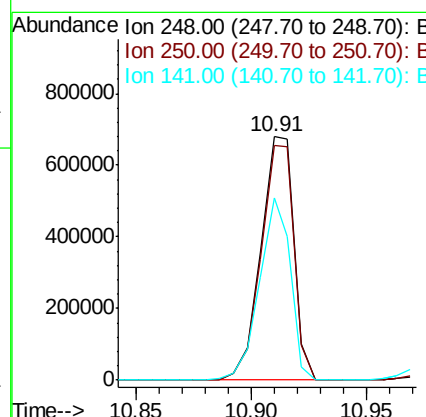
Manual Integrations
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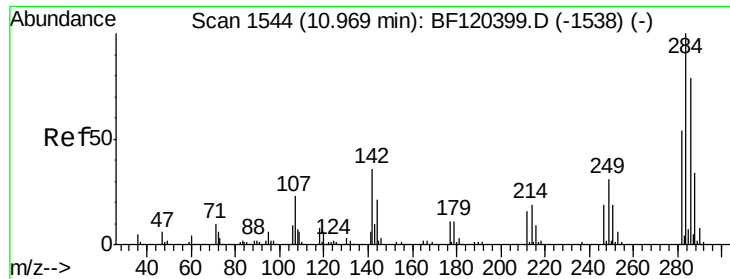
mohammad
 5/29/2020 10:27:50 PM



#67
 4-Bromophenyl-phenylether
 Concen: 73.040 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	96.2	76.5	114.7	
141	75.1	47.2	70.8	





#68

Hexachlorobenzene

Concen: 75.231 ng

RT: 10.97 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

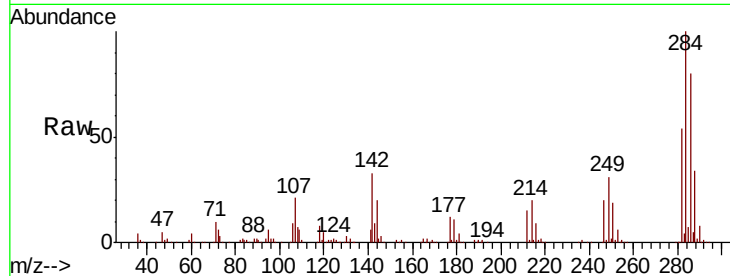
ClientSampleId :

SSTDICC080

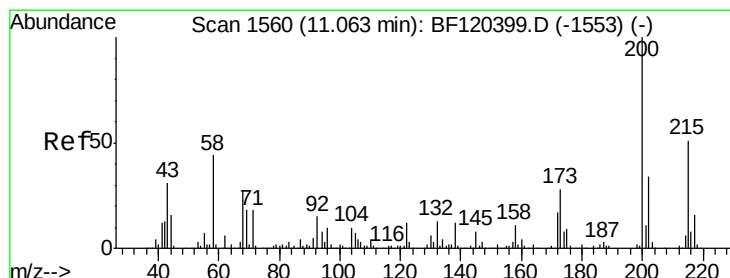
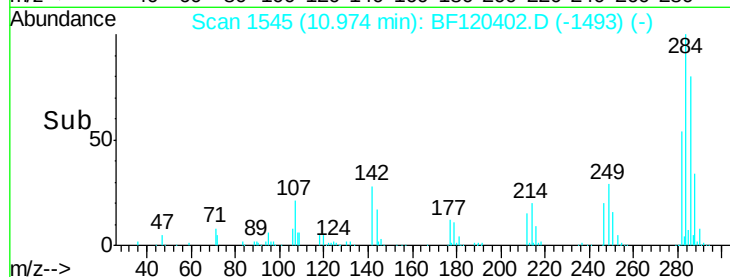
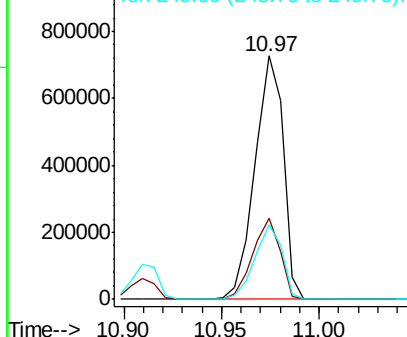
Tot Ion:	284	Resp:	731051
Ion Ratio	Lower	Upper	
284	100		
142	33.4	28.5	42.7
249	30.8	25.0	37.6

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
1000000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 65.785 ng

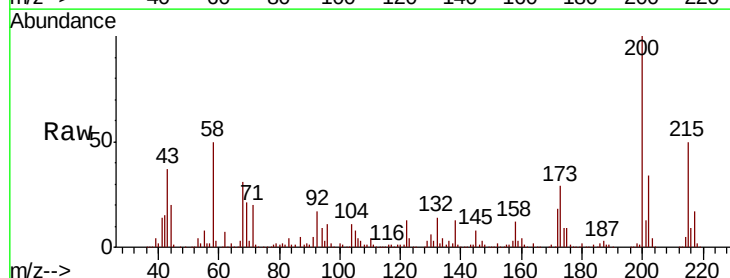
RT: 11.07 min Scan# 1561

Delta R.T. 0.01 min

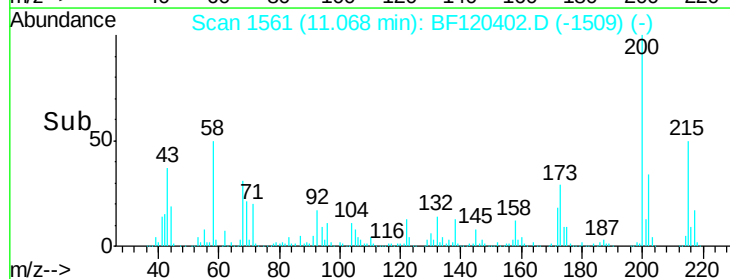
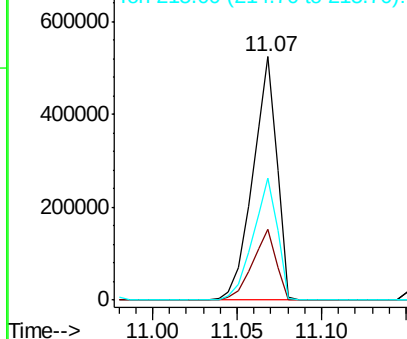
Lab File: BF120402.D

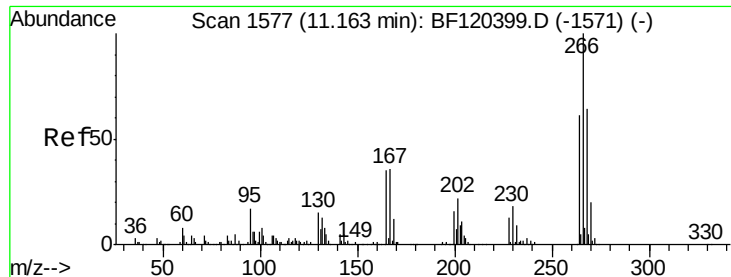
Acq: 28 May 2020 12:18

Tgt Ion:	200	Resp:	521293
Ion Ratio	Lower	Upper	
200	100		
173	29.2	7.9	47.9
215	49.9	31.2	71.2



Abundance Ion 200.00 (199.70 to 200.70): E
600000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





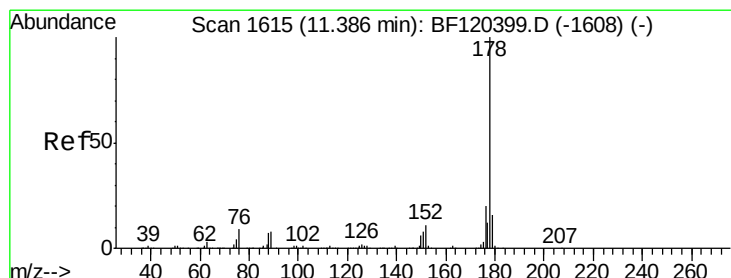
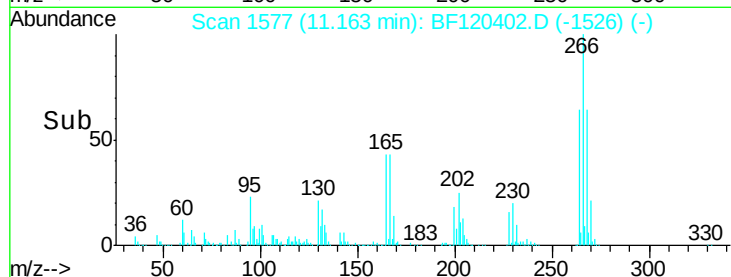
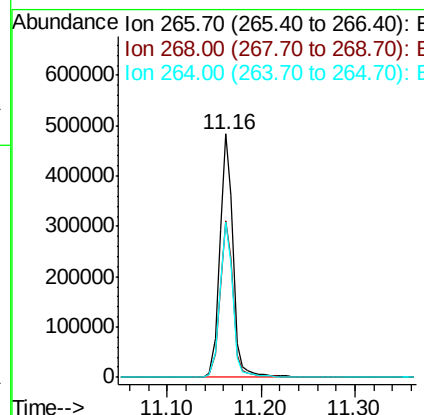
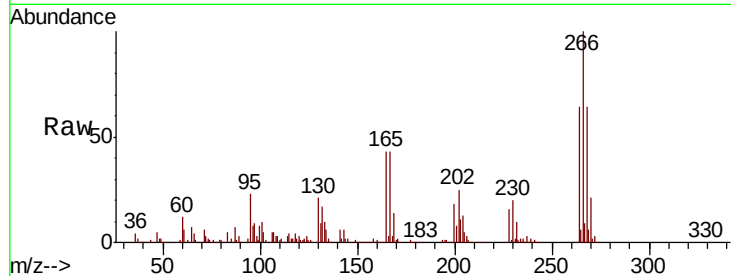
#70
 Pentachlorophenol
 Concen: 117.445 ng
 RT: 11.16 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	485393		
268	64.1	51.5	77.3	
264	63.5	49.1	73.7	

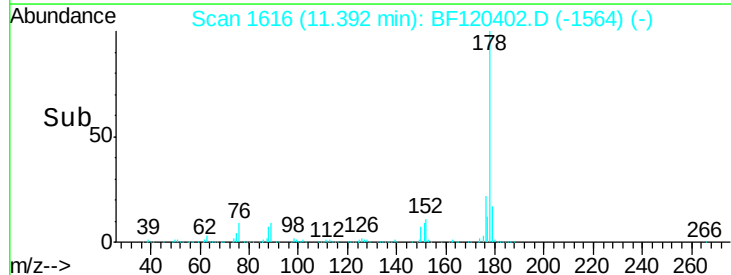
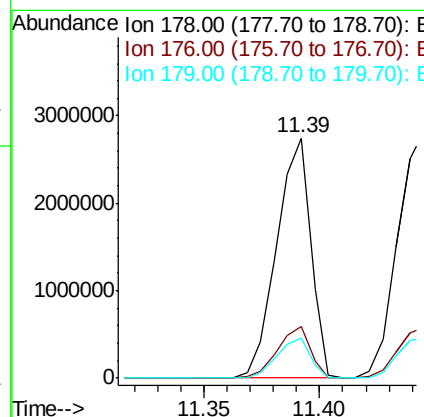
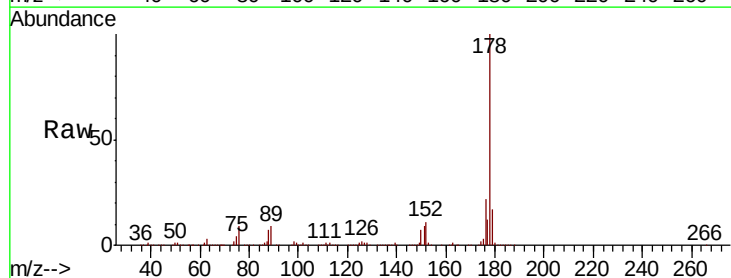
Manual Integrations
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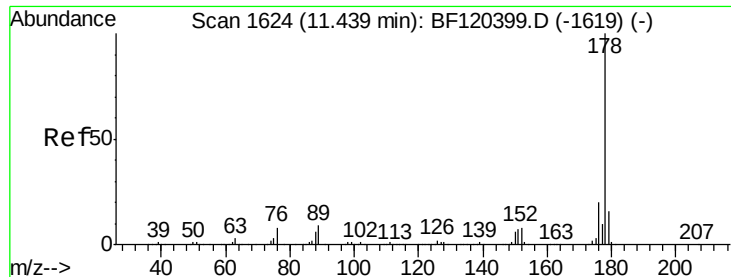
mohammad
 5/29/2020 10:27:50 PM



#71
 Phenanthrene
 Concen: 70.031 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2816809		
176	21.7	16.4	24.6	
179	16.7	13.0	19.4	





#72

Anthracene

Concen: 65.811 ng

RT: 11.44 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2833811

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.6

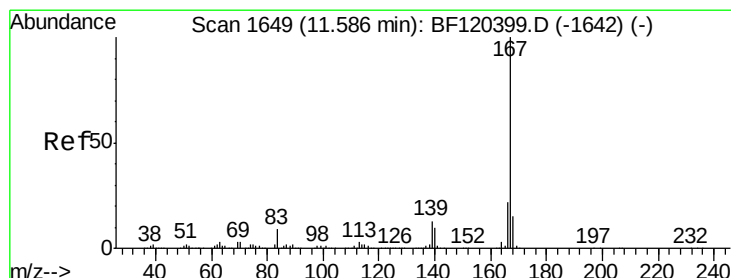
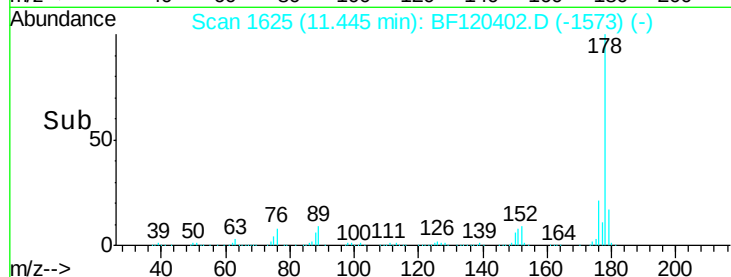
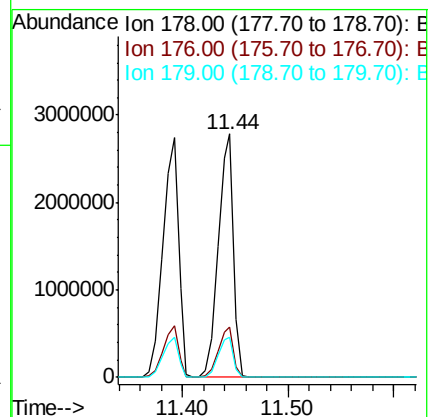
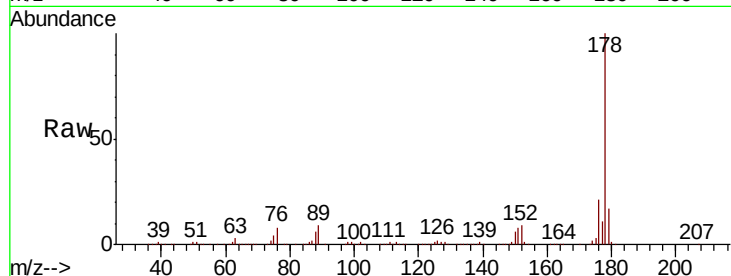
179 16.7 12.8 19.2

Manual Integrations

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mohammad

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#73

Carbazole

Concen: 70.124 ng

RT: 11.60 min Scan# 1651

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

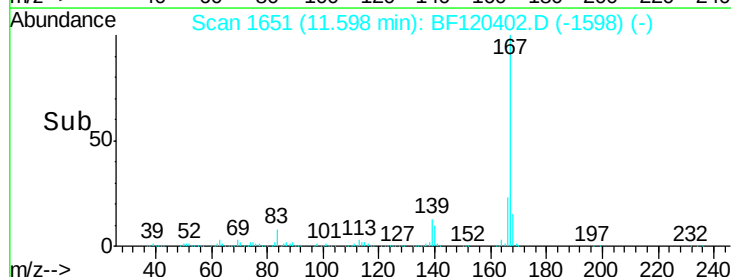
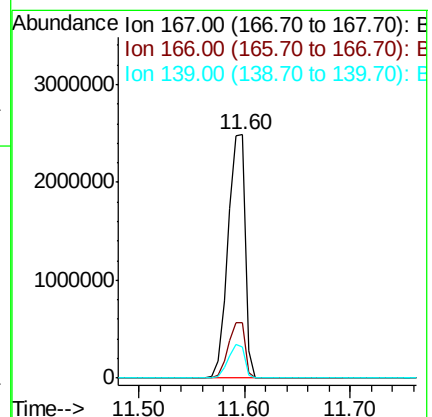
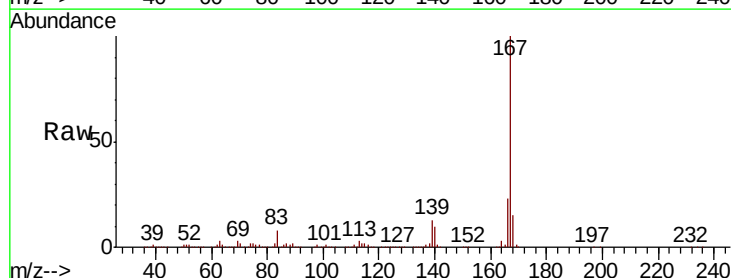
Tgt Ion:167 Resp: 2821278

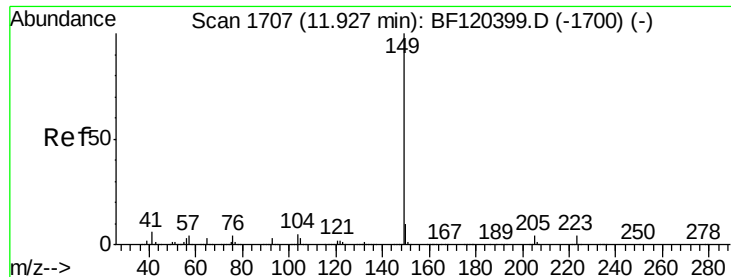
Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.6

139 12.8 10.4 15.6





#74

Di-n-butylphthalate

Concen: 65.407 ng

RT: 11.93 min Scan# 1707

Delta R.T. -0.00 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 3171439

Ion Ratio Lower Upper

149 100

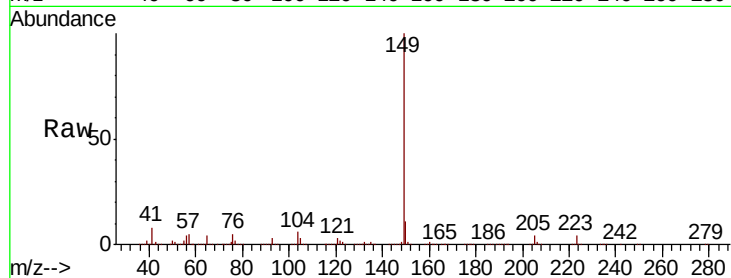
150 10.8 7.7 11.5

104 5.7 3.6 5.4#

Manual Integrations
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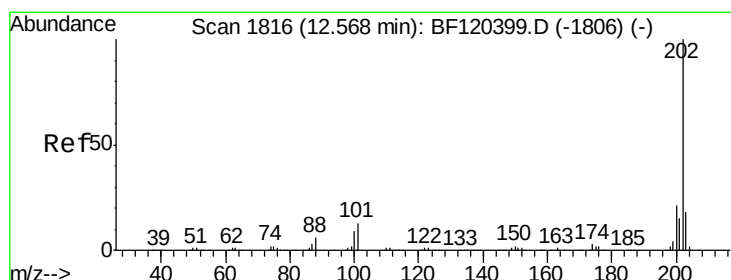
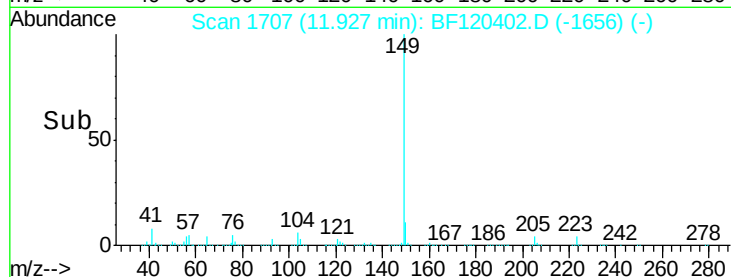
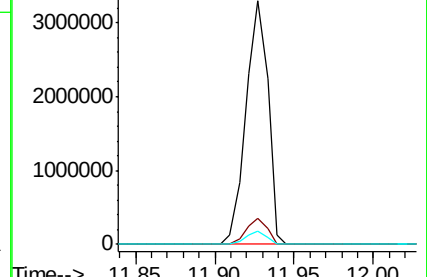
5/29/2020 10:27:50 PM



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



#75

Fluoranthene

Concen: 72.548 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

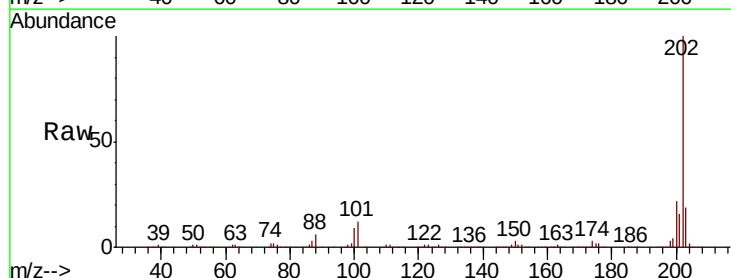
Tgt Ion:202 Resp: 3127624

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.6

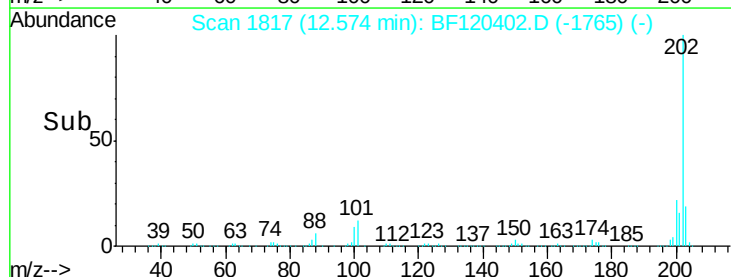
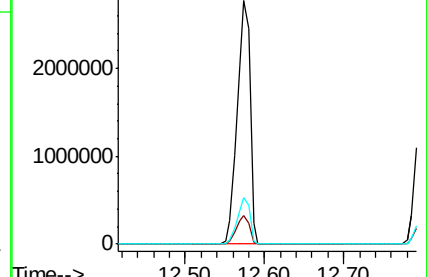
203 19.1 0.0 38.4

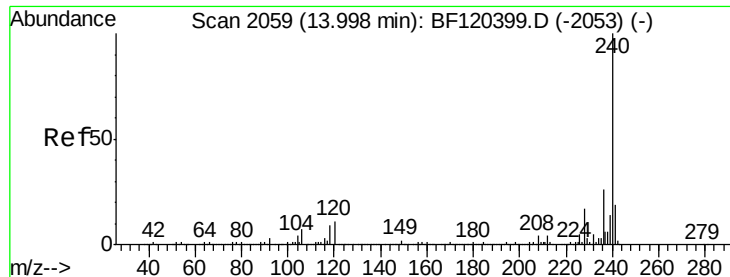


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

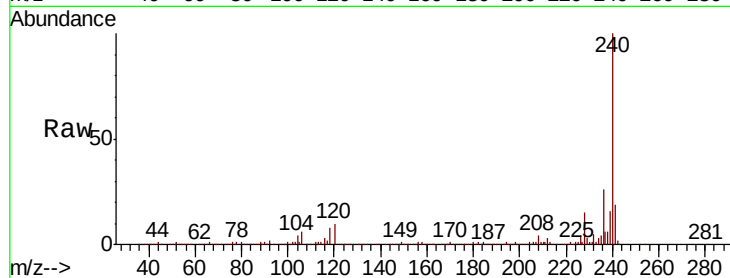
ClientSampleId :

SSTDICC080

Tot Ion:	240	Resp:	620129
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.8	13.2
236	26.3	21.0	31.4

Manual Integrations
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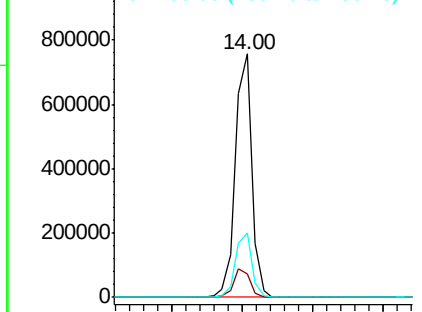
mohammad
5/29/2020 10:27:50 PM



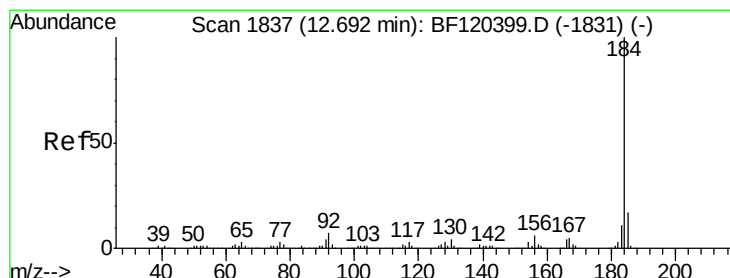
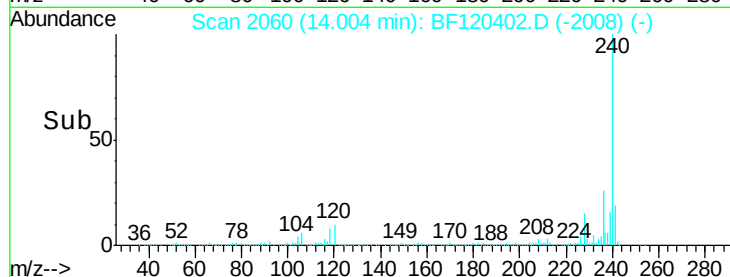
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 54.683 ng

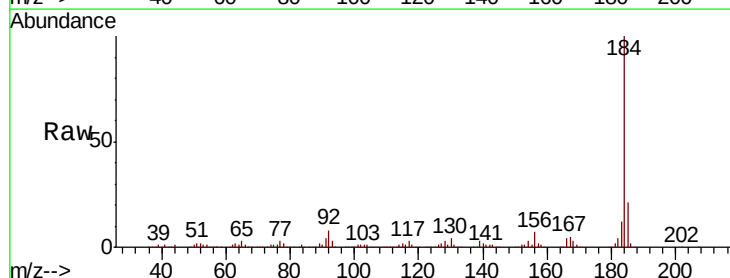
RT: 12.69 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

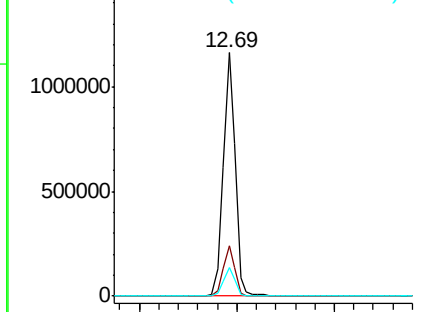
Tgt Ion:	184	Resp:	990247
Ion Ratio	Lower	Upper	
184	100		
185	20.7	13.4	20.0#
183	11.6	8.6	12.8



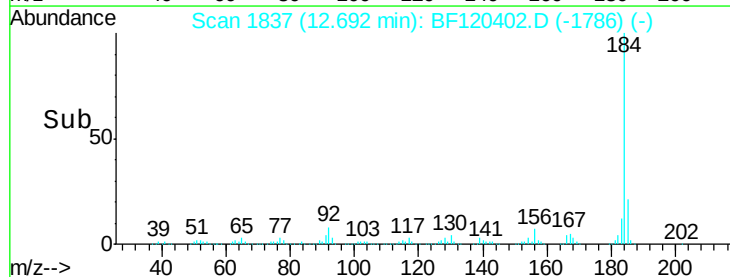
Abundance Ion 184.00 (183.70 to 184.70): E

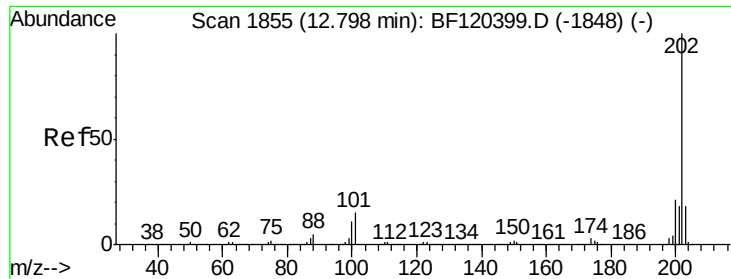
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





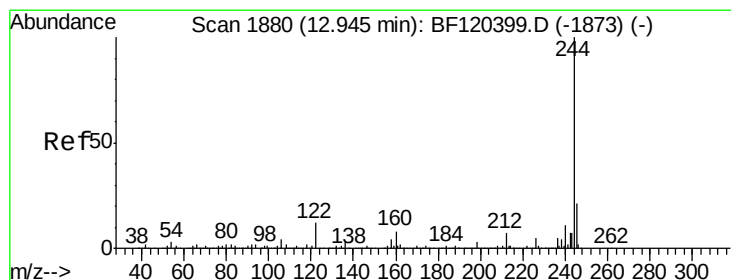
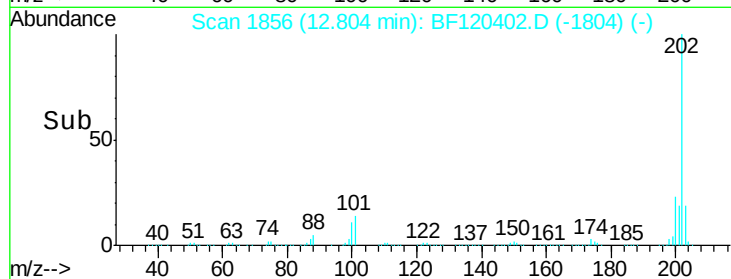
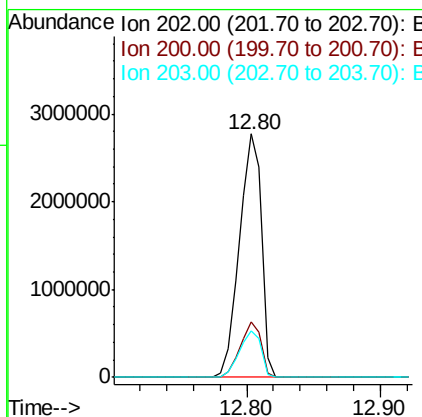
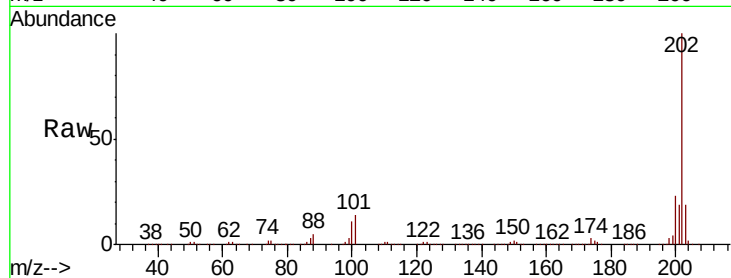
#78
Pvrene
Concen: 71.422 ng
RT: 12.80 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.0	25.4
203	19.3	14.7	22.1

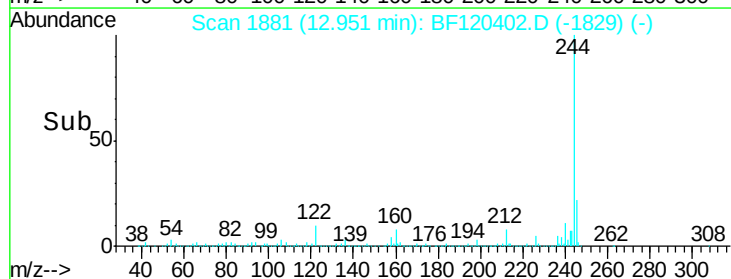
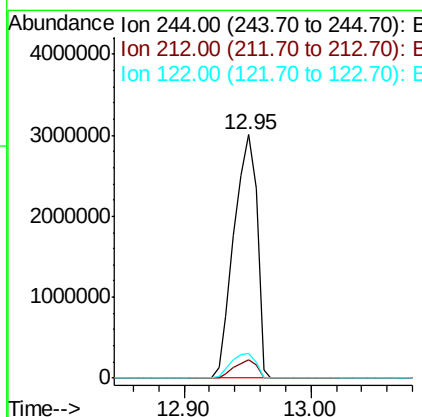
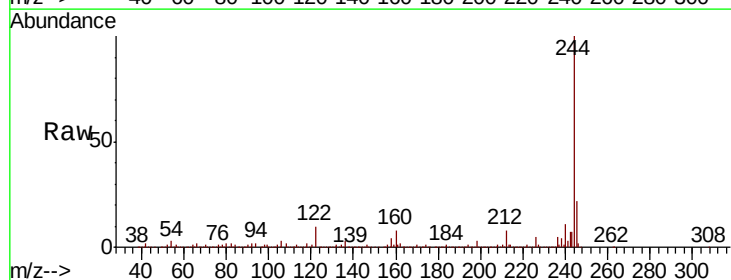
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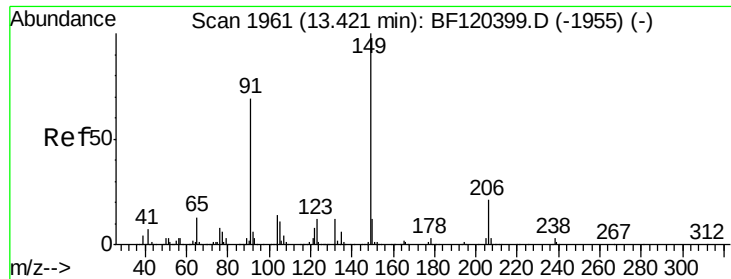
mohammad
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#79
Terphenyl-d14
Concen: 134.257 ng
RT: 12.95 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.4	9.2	13.8





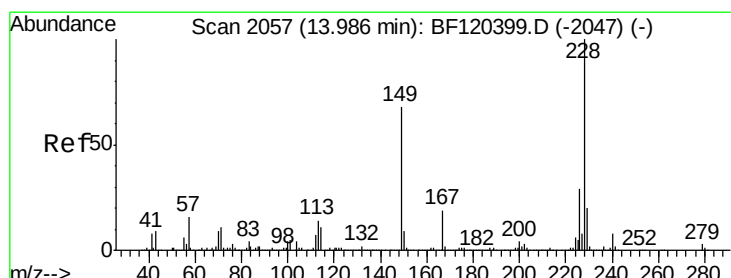
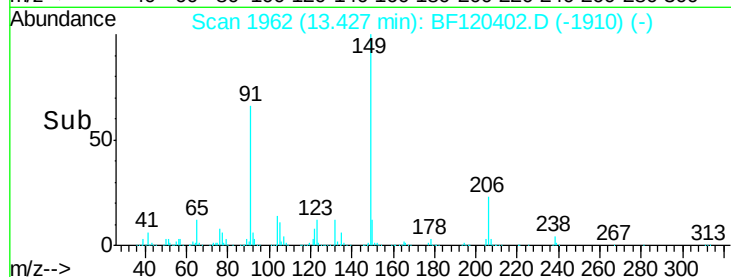
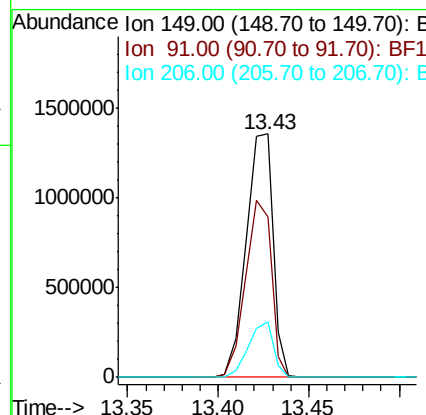
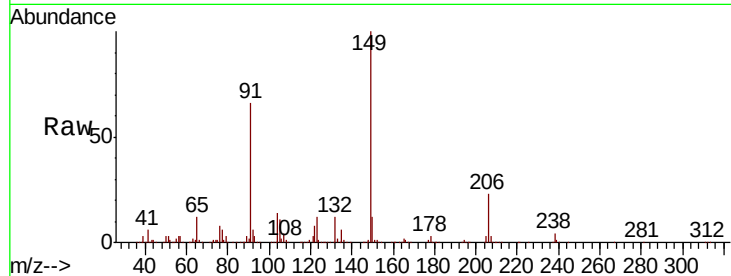
#80
Butylbenzylphthalate
Concen: 67.130 ng
RT: 13.43 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	55.0	82.4
206	22.8	17.0	25.4

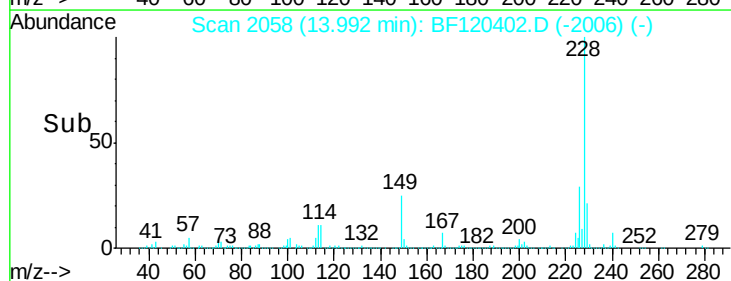
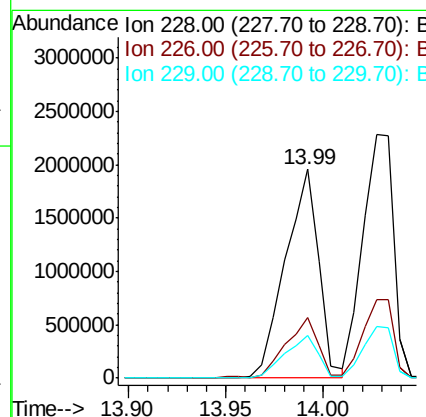
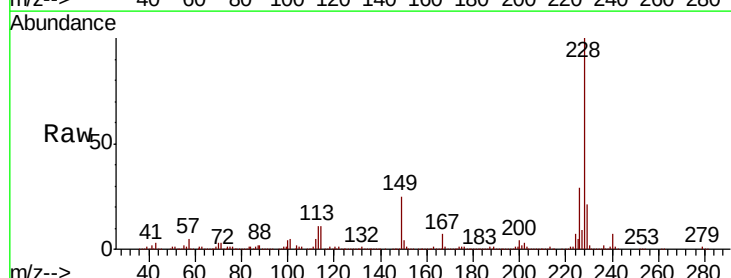
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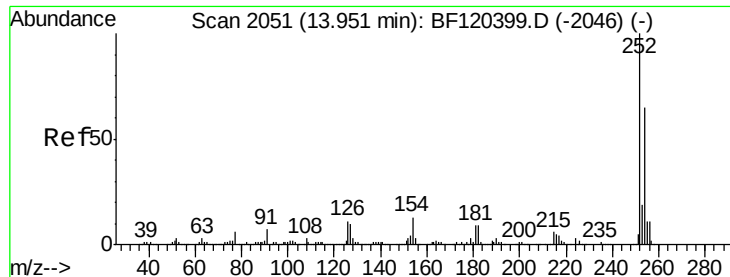
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#81
Benzo(a)anthracene
Concen: 70.806 ng
RT: 13.99 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	20.6	16.2	24.4





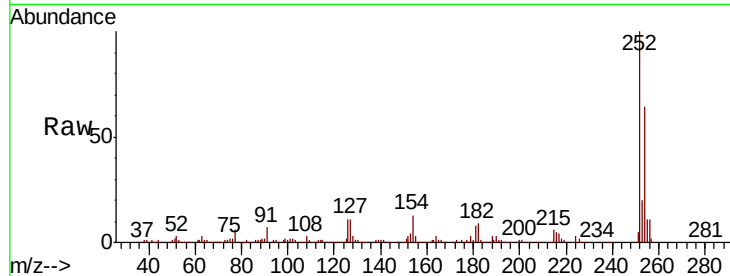
#82
 3,3'-Dichlorobenzidine
 Concen: 71.123 ng
 RT: 13.96 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

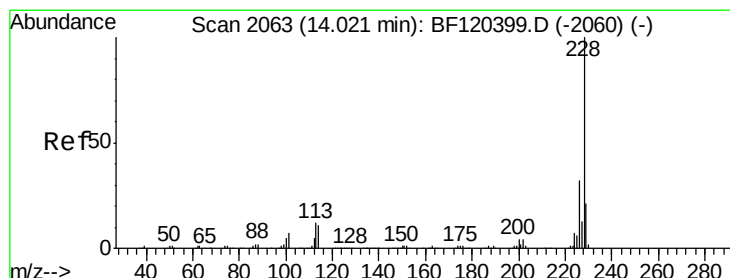
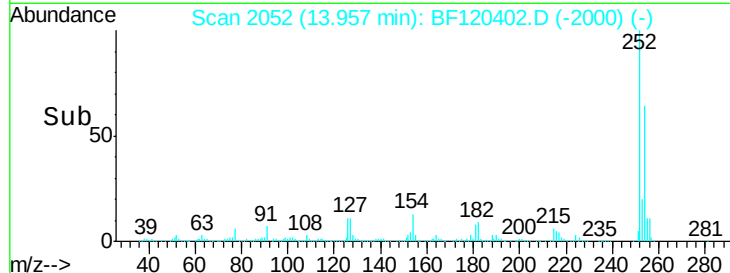
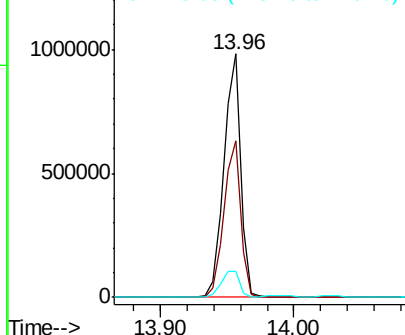
Tot Ion	Ratio	Resp	Lower	Upper
252	100	876648		
254	64.4	51.8	77.6	
126	10.6	8.5	12.7	

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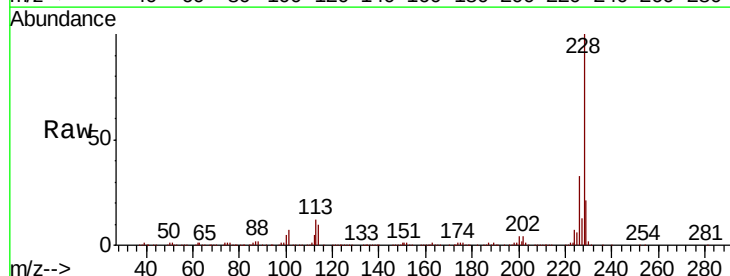


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

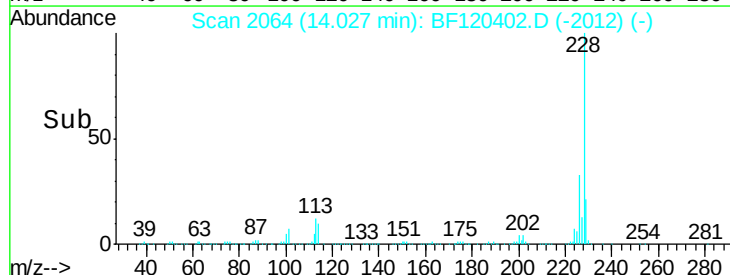
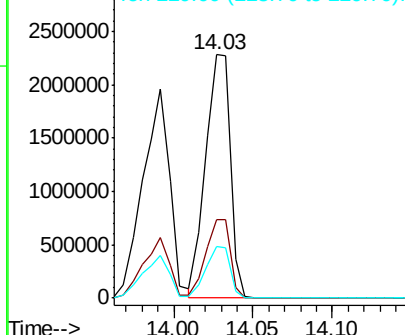


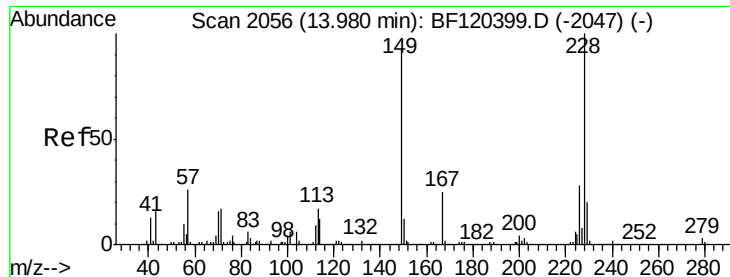
#83
 Chrysene
 Concen: 71.218 ng
 RT: 14.03 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2501307		
226	32.5	25.6	38.4	
229	21.0	16.6	25.0	



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 57.053 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1477680

Ion Ratio Lower Upper

149 100

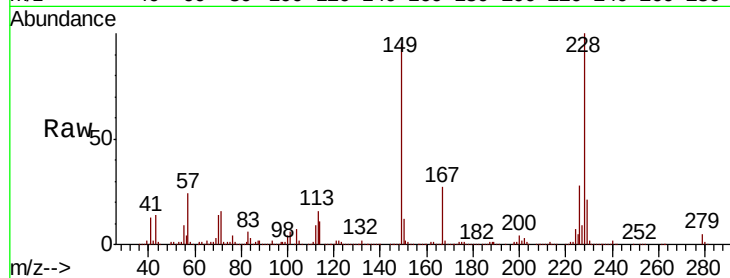
167 28.1 21.7 32.5

279 4.8 2.9 4.3#

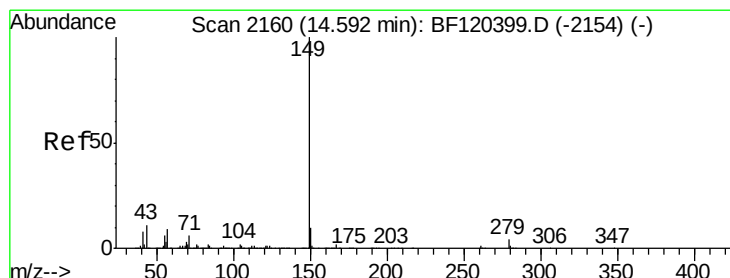
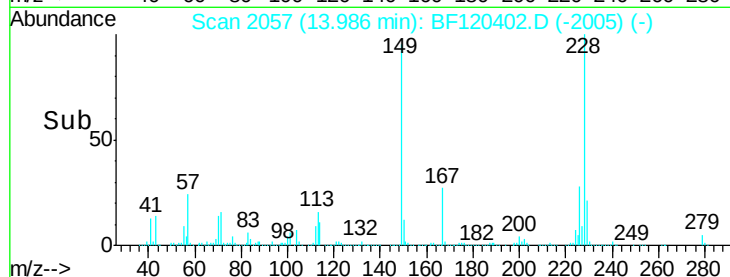
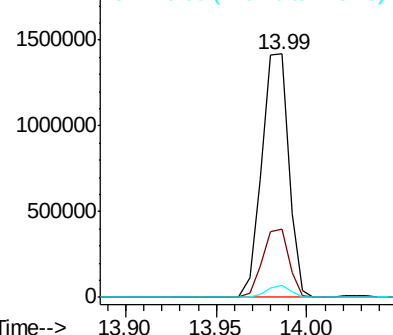
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 59.622 ng

RT: 14.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF120402.D

Acq: 28 May 2020 12:18

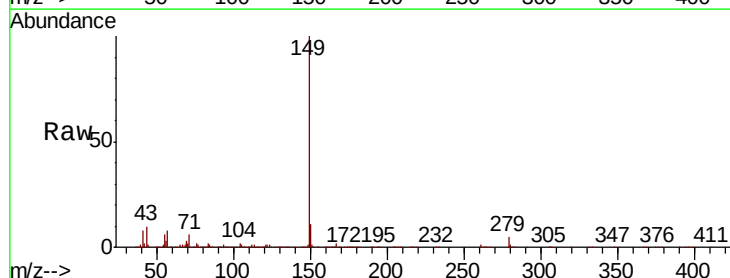
Tgt Ion:149 Resp: 2778039

Ion Ratio Lower Upper

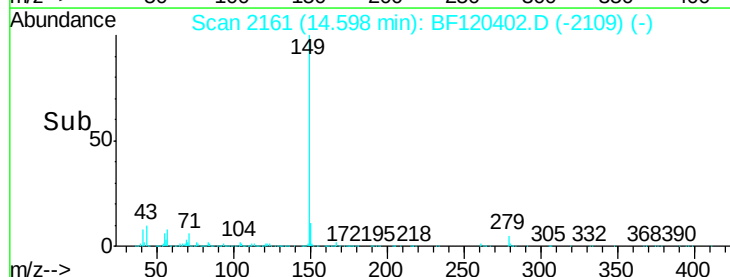
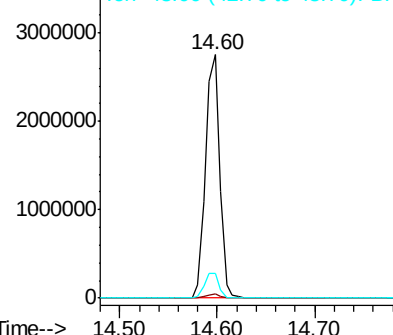
149 100

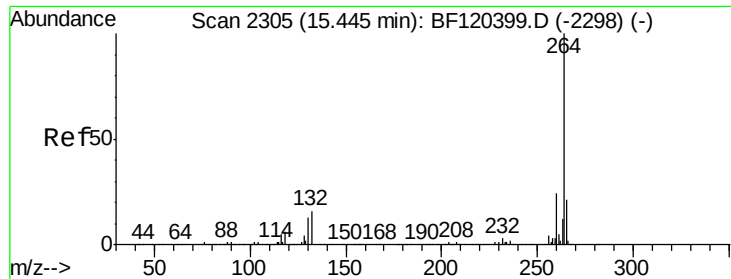
167 1.6 1.2 1.8

43 10.7 8.1 12.1



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





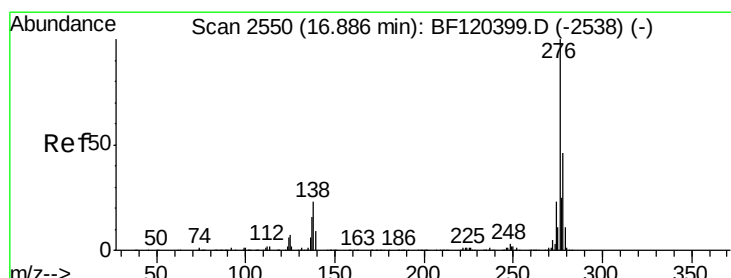
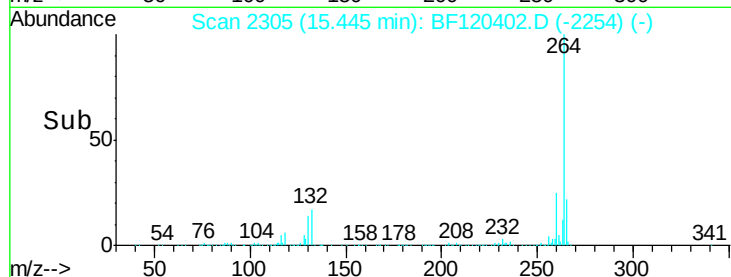
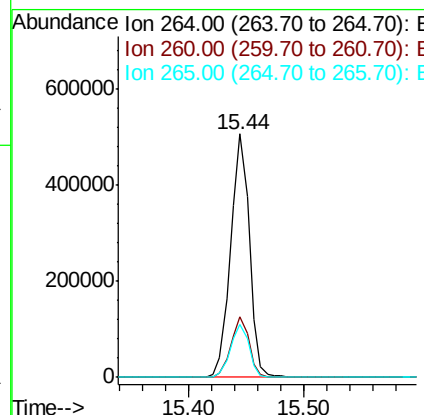
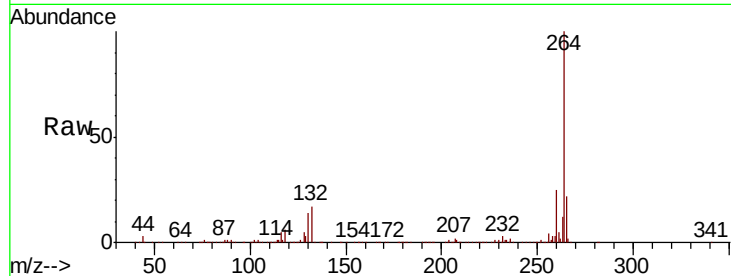
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	16.9	25.3

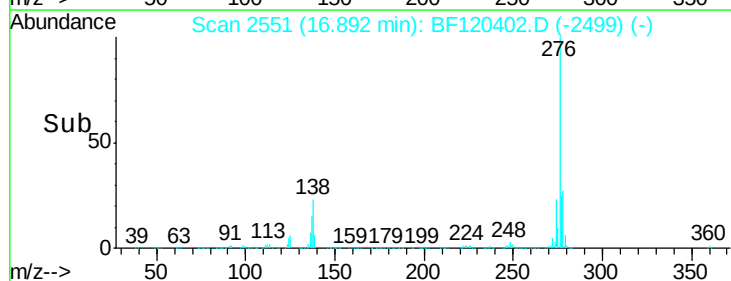
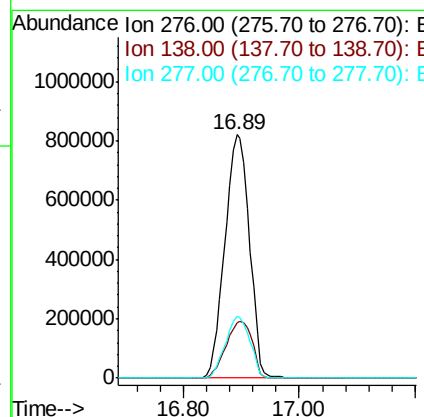
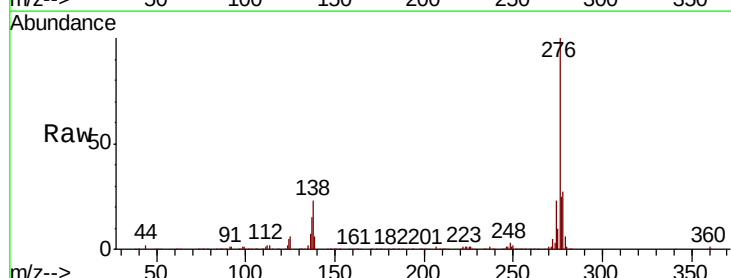
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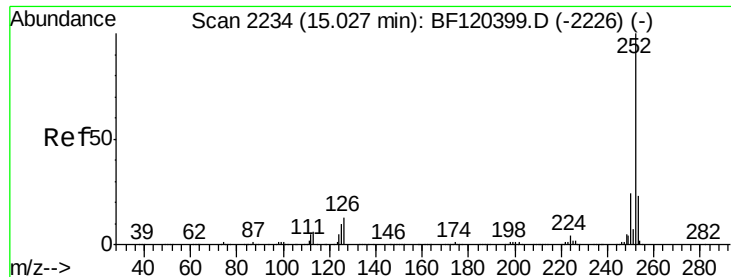
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#87
Indeno(1,2,3-cd)pyrene
Concen: 80.321 ng
RT: 16.89 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.4	30.6
277	25.5	20.4	30.6





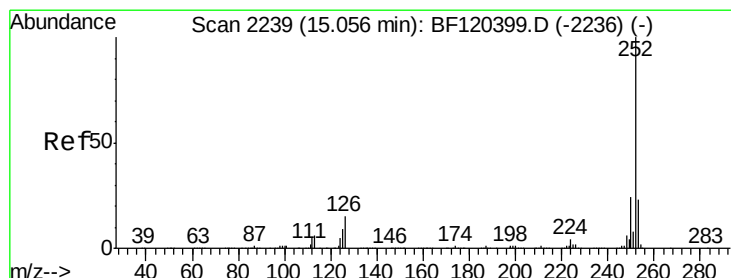
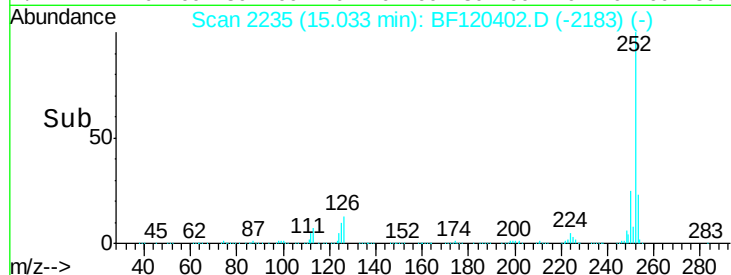
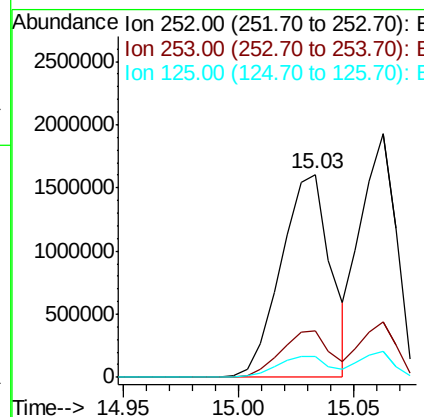
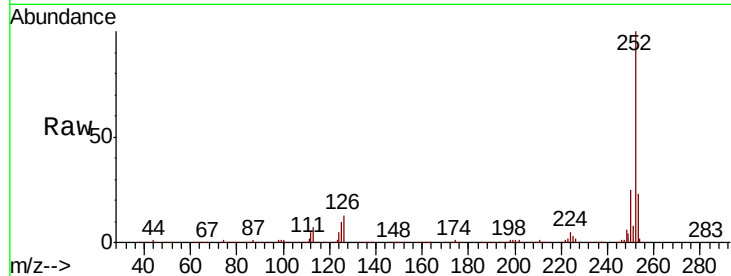
#88
Benzo(b)fluoranthene
Concen: 77.419 ng
RT: 15.03 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.2	7.8	11.8

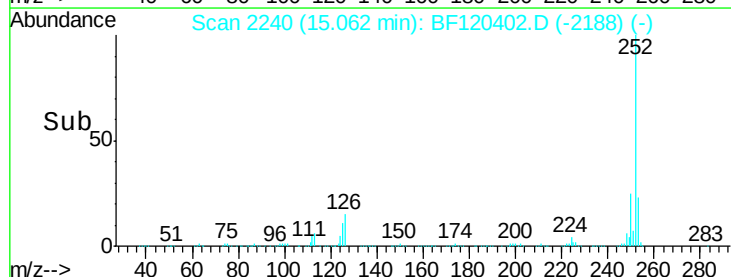
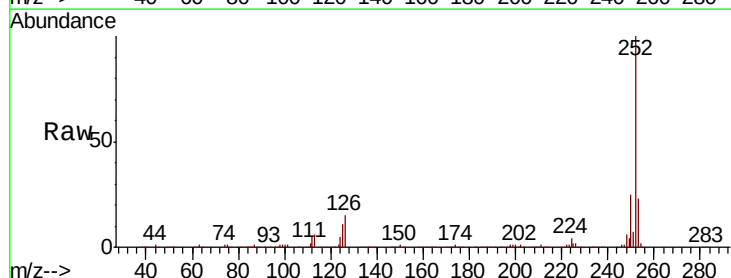
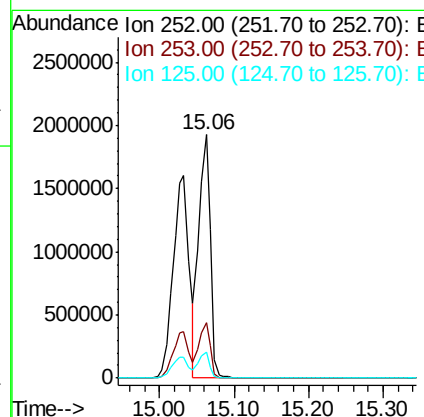
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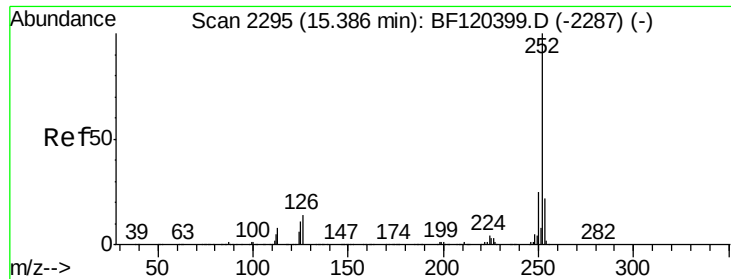
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#89
Benzo(k)fluoranthene
Concen: 77.486 ng
RT: 15.06 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	10.5	8.0	12.0





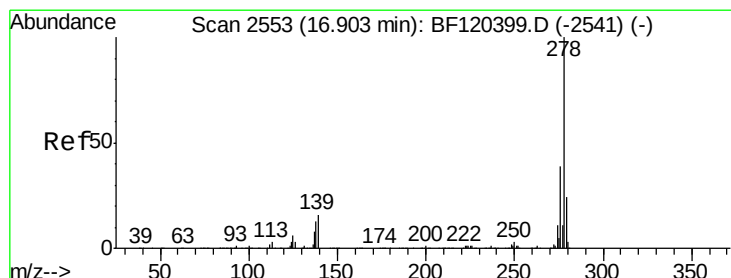
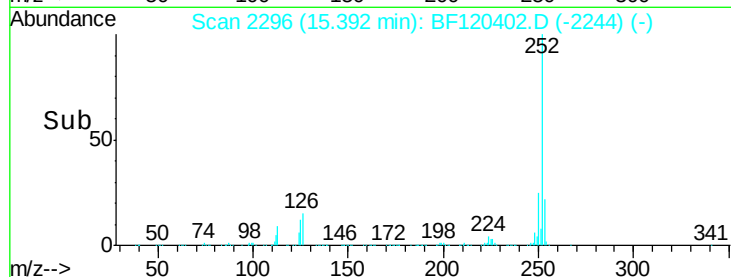
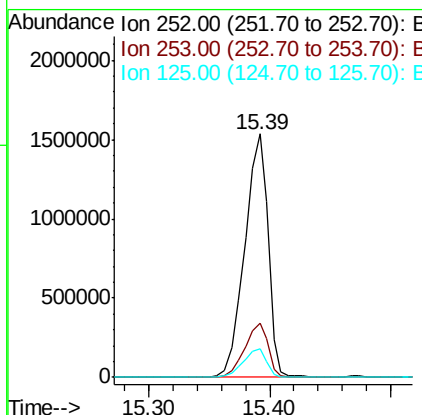
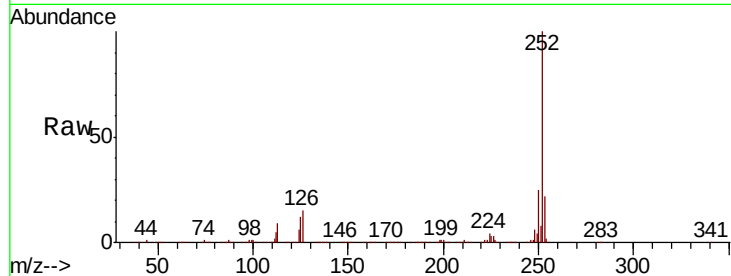
#90
Benzo(a)pyrene
Concen: 74.785 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	11.8	8.7	13.1

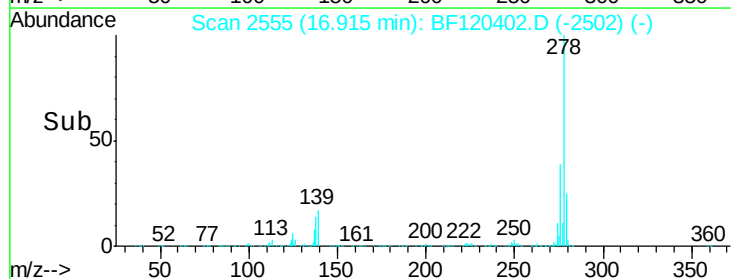
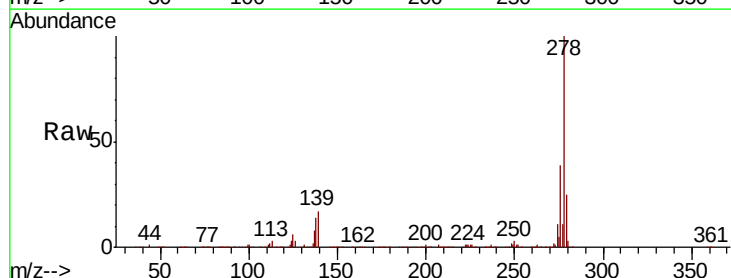
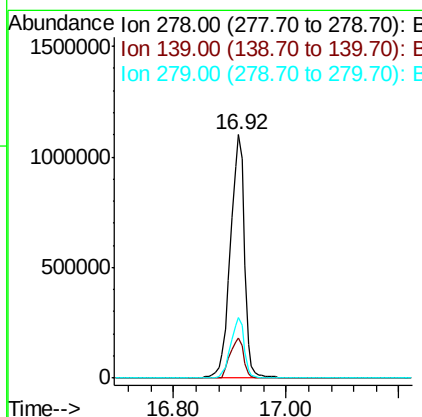
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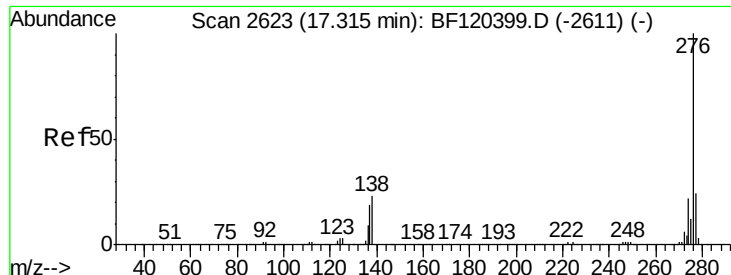
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#91
Dibenzo(a,h)anthracene
Concen: 78.278 ng
RT: 16.92 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF120402.D
Acq: 28 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	24.7	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 79.870 ng
 RT: 17.33 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF120402.D
 Acq: 28 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	276	Resp:	1987110
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.5	29.3
138	23.0	18.1	27.1

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