

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122653.D
 Acq On : 10 Dec 2020 18:47
 Operator : JU/CG
 Sample : L4989-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-120920MSD

Manual Integrations
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Quant Time: Dec 11 00:35:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	184193	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	726107	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	383393	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	658588	20.00	ng	0.00
76) Chrysene-d12	14.010	240	447789	20.00	ng	0.00
86) Perylene-d12	15.468	264	470457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1563017	134.34	ng	0.01
7) Phenol-d6	6.481	99	2080950	134.86	ng	0.00
23) Nitrobenzene-d5	7.410	82	1283347	88.55	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	665316	132.57	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2118465	74.74	ng	0.00
79) Terphenyl-d14	12.951	244	1940883	75.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	181788	33.24	ng	97
3) Pyridine	3.393	79	524606	36.29	ng	99
4) n-Nitrosodimethylamine	3.340	42	235488	40.63	ng	99
6) Aniline	6.504	93	477566	26.29	ng	94
8) 2-Chlorophenol	6.628	128	554402	43.23	ng	97
9) Benzaldehyde	6.386	77	244234	26.15	ng	99
10) Phenol	6.498	94	736803	46.08	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	511765	41.90	ng	99
12) 1,3-Dichlorobenzene	6.781	146	585880	38.61	ng	98
13) 1,4-Dichlorobenzene	6.857	146	587981	38.43	ng	98
14) 1,2-Dichlorobenzene	7.010	146	568452	38.49	ng	99
15) Benzyl Alcohol	6.986	79	449322	42.29	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	645489	37.06	ng	97
17) 2-Methylphenol	7.098	107	450138	44.16	ng	98
18) Hexachloroethane	7.351	117	203820	37.38	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	357485	40.45	ng	99
20) 3+4-Methylphenols	7.251	107	517885	40.22	ng	95
22) Acetophenone	7.251	105	681599	37.75	ng	# 94
24) Nitrobenzene	7.428	77	545804	37.86	ng	100
25) Isophorone	7.669	82	979786	39.25	ng	97
26) 2-Nitrophenol	7.739	139	289503	41.17	ng	98
27) 2,4-Dimethylphenol	7.781	122	474984	46.09	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	622773	36.43	ng	99
29) 2,4-Dichlorophenol	7.986	162	466341	38.75	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	488556	35.83	ng	99
31) Naphthalene	8.151	128	1523688	38.03	ng	100
32) Benzoic acid	7.910	122	213366	25.98	ng	94
33) 4-Chloroaniline	8.192	127	216233	12.91	ng	99
34) Hexachlorobutadiene	8.263	225	284459	33.89	ng	99
35) Caprolactam	8.575	113	143469	39.58	ng	96
36) 4-Chloro-3-methylphenol	8.686	107	486379	41.03	ng	99
37) 2-Methylnaphthalene	8.839	142	1006122	37.96	ng	99
38) 1-Methylnaphthalene	8.939	142	927687	37.00	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	476340	37.51	ng	100
41) Hexachlorocyclopentadiene	8.992	237	320552	57.09	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	328918	37.50	ng	98

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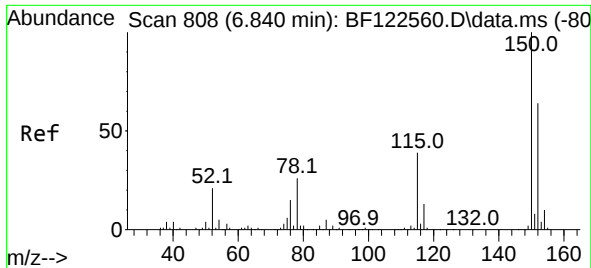
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Quant Time: Dec 11 00:35:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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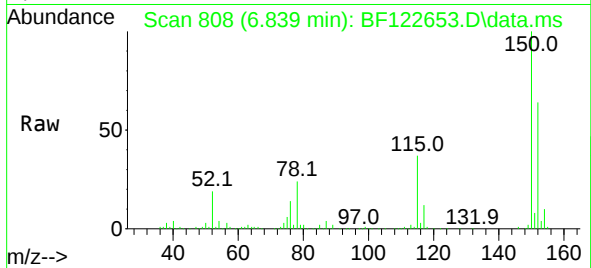
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	351655	38.79	ng	97
46) 1,1'-Biphenyl	9.304	154	1192227	37.47	ng	99
47) 2-Chloronaphthalene	9.327	162	949712	36.02	ng	99
48) 2-Nitroaniline	9.427	65	286525	37.28	ng	98
49) Acenaphthylene	9.745	152	1478770	37.98	ng	100
50) Dimethylphthalate	9.604	163	1266551	41.36	ng	99
51) 2,6-Dinitrotoluene	9.669	165	258428	39.96	ng	97
52) Acenaphthene	9.916	154	935498m	37.13	ng	
53) 3-Nitroaniline	9.833	138	160701	21.51	ng	95
54) 2,4-Dinitrophenol	9.945	184	123803	39.16	ng	# 90
55) Dibenzofuran	10.086	168	1318364	37.20	ng	100
56) 4-Nitrophenol	10.004	139	395606	74.25	ng	91
57) 2,4-Dinitrotoluene	10.074	165	338277	39.27	ng	91
58) Fluorene	10.427	166	1016762	36.07	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	294411	36.96	ng	99
60) Diethylphthalate	10.304	149	1070257	35.94	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	486545	35.06	ng	95
62) 4-Nitroaniline	10.451	138	239501	31.58	ng	95
63) Azobenzene	10.580	77	994558	36.33	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	106203	26.45	ng	98
66) n-Nitrosodiphenylamine	10.539	169	938643	40.34	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	332968	37.31	ng	95
68) Hexachlorobenzene	10.980	284	361669	36.66	ng	96
69) Atrazine	11.069	200	251143	33.23	ng	99
70) Pentachlorophenol	11.174	266	364338	69.70	ng	98
71) Phenanthrene	11.392	178	1515505	38.72	ng	99
72) Anthracene	11.445	178	1520241	39.17	ng	99
73) Carbazole	11.598	167	1321548	37.55	ng	99
74) Di-n-butylphthalate	11.927	149	1559806	35.27	ng	100
75) Fluoranthene	12.580	202	1512685	36.85	ng	99
77) Benzidine	12.698	184	383020	39.54	ng	99
78) Pyrene	12.810	202	1506807	43.52	ng	99
80) Butylbenzylphthalate	13.421	149	577786	37.05	ng	99
81) Benzo(a)anthracene	13.998	228	1245914	41.63	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	332751	31.04	ng	98
83) Chrysene	14.033	228	1206755	40.52	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	756598	35.43	ng	100
85) Di-n-octyl phthalate	14.598	149	1242149	35.07	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	1286531	41.66	ng	100
88) Benzo(b)fluoranthene	15.045	252	1411446	42.76	ng	99
89) Benzo(k)fluoranthene	15.074	252	1059335	35.10	ng	100
90) Benzo(a)pyrene	15.409	252	1164969	40.34	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1033624	40.90	ng	100
92) Benzo(g,h,i)perylene	17.374	276	1070896	43.78	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

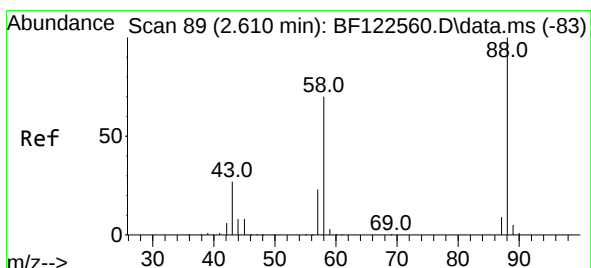
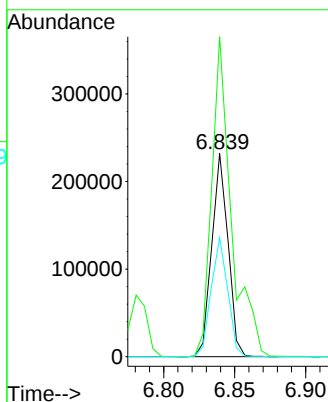
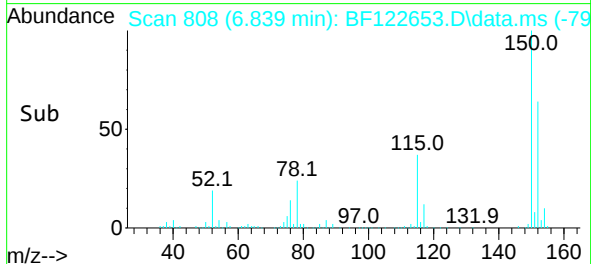
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



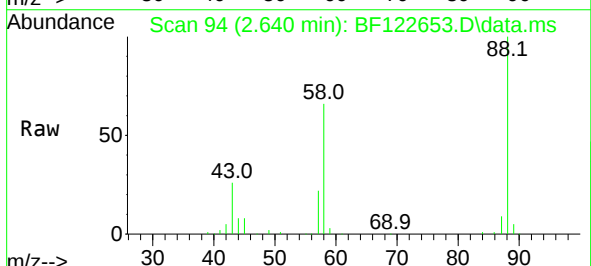
Tgt Ion:152 Resp: 184193
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 58.7 49.3 73.9

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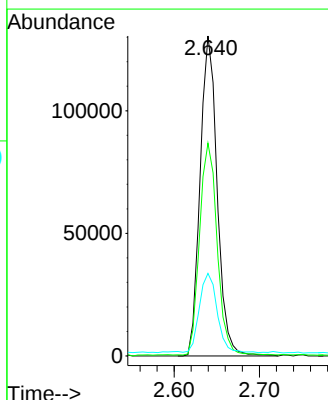
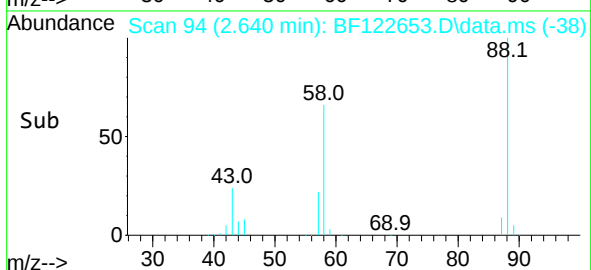
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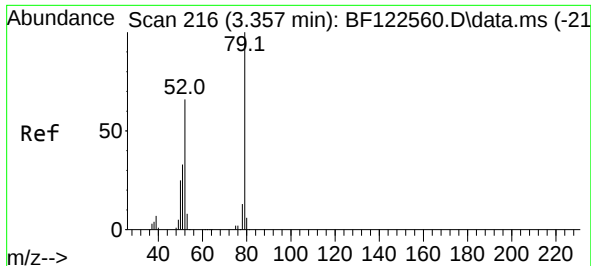


#2
1,4-Dioxane
Concen: 33.24 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.029 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion: 88 Resp: 181788
Ion Ratio Lower Upper
88 100
58 67.9 56.2 84.2
43 26.0 21.8 32.6





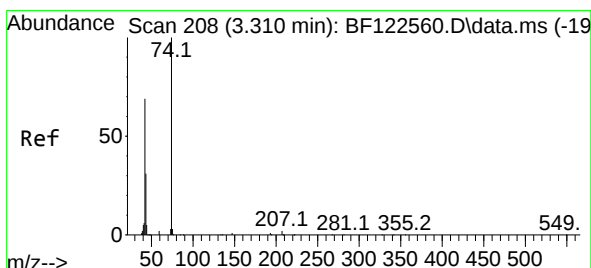
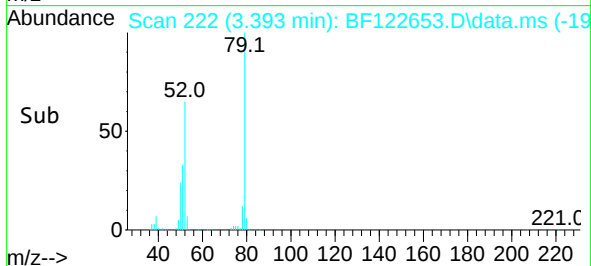
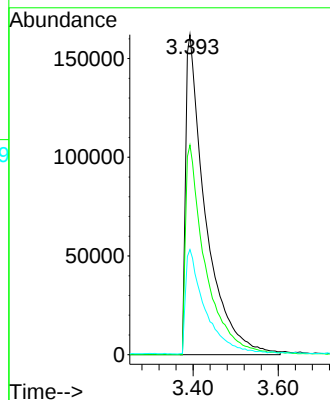
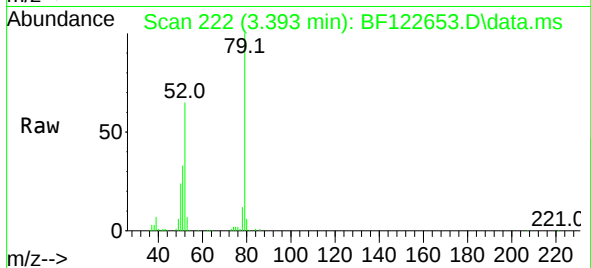
#3
Pyridine
Concen: 36.29 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.035 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion: 79 Resp: 524606
Ion Ratio Lower Upper
79 100
52 65.5 53.0 79.4
51 32.9 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

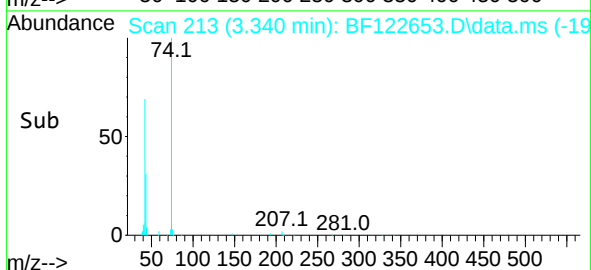
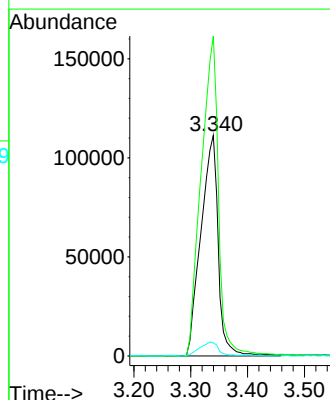
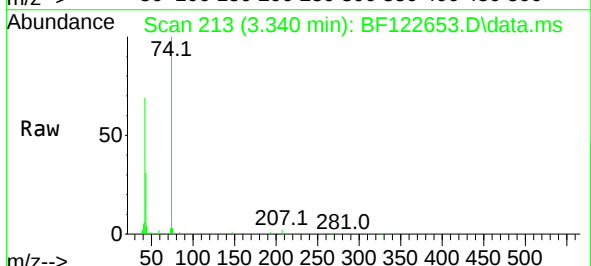
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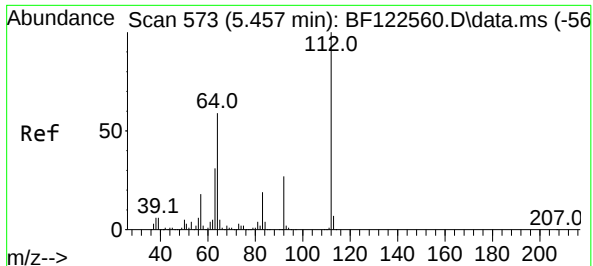
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#4
n-Nitrosodimethylamine
Concen: 40.63 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.029 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

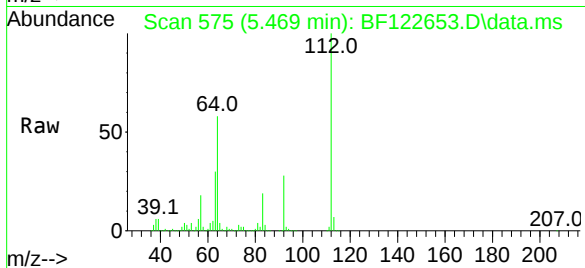
Tgt Ion: 42 Resp: 235488
Ion Ratio Lower Upper
42 100
74 145.1 115.2 172.8
44 6.0 5.4 8.0





#5
2-Fluorophenol
Concen: 134.34 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

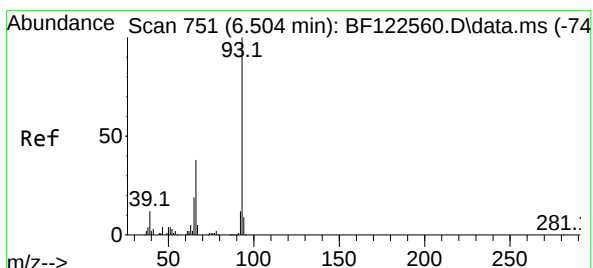
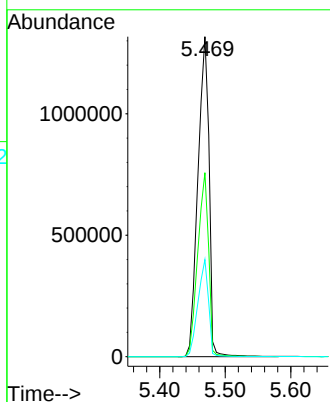
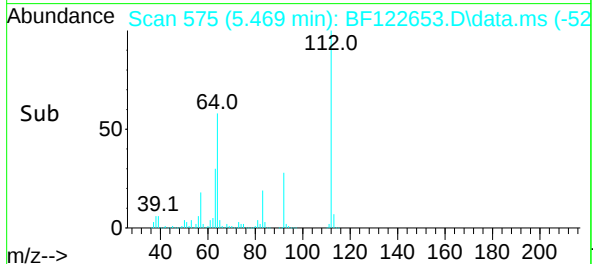


Tgt Ion:112 Resp: 1563017

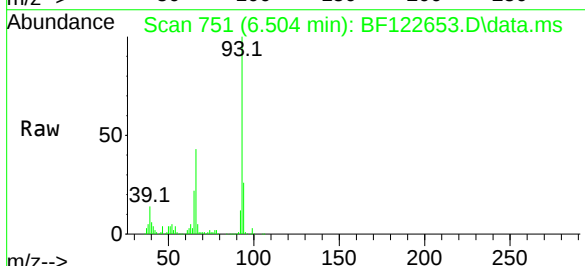
Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.9	70.3
63	30.4	24.5	36.7

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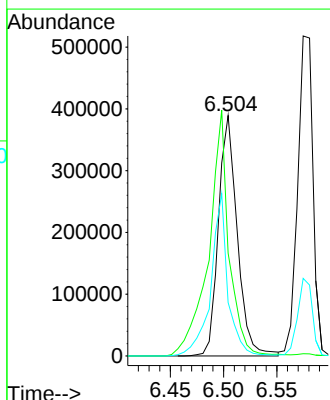
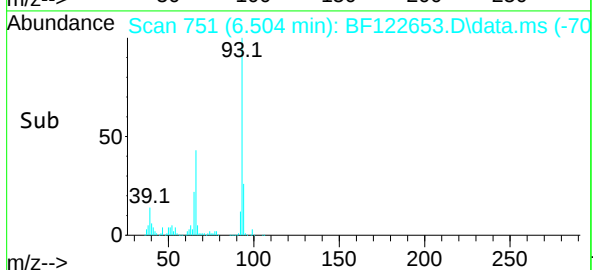


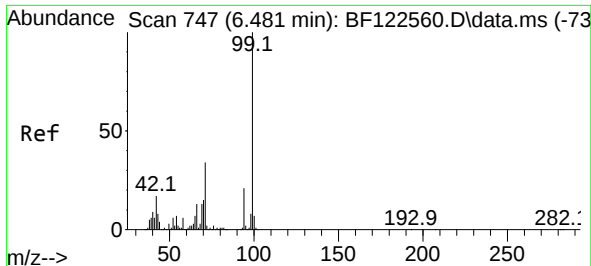
#6
Aniline
Concen: 26.29 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion: 93 Resp: 477566

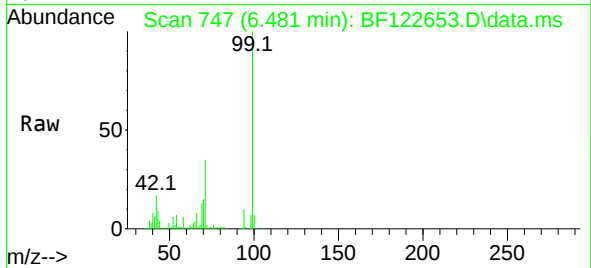
Ion	Ratio	Lower	Upper
93	100		
66	42.8	31.3	46.9
65	22.2	15.6	23.4





#7
Phenol-d6
Concen: 134.86 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

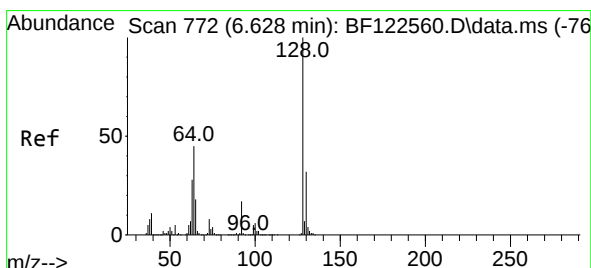
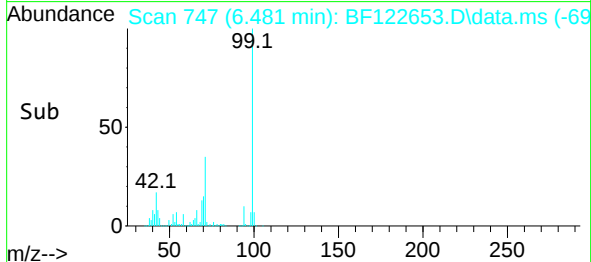
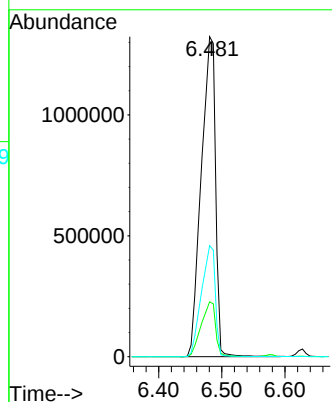


Tgt Ion: 99 Resp: 2080950

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	34.7	26.9	40.3

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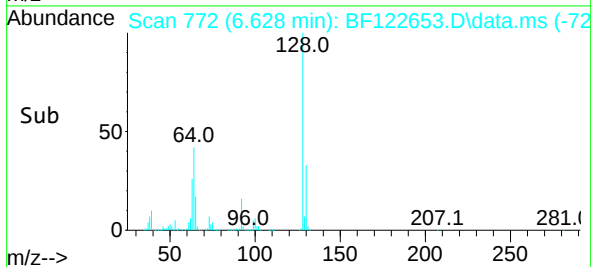
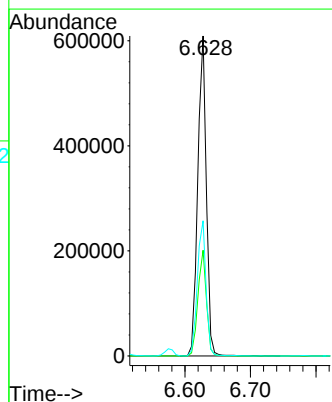
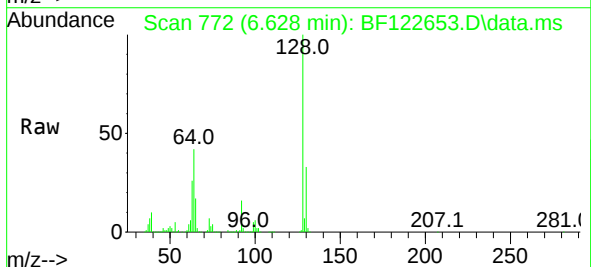
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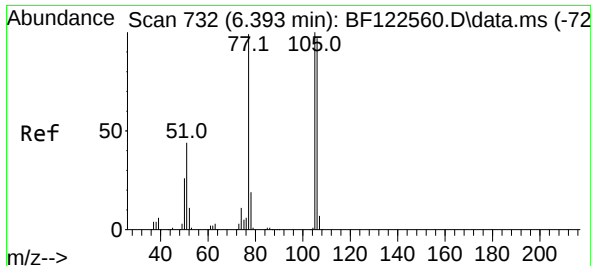


#8
2-Chlorophenol
Concen: 43.23 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion: 128 Resp: 554402

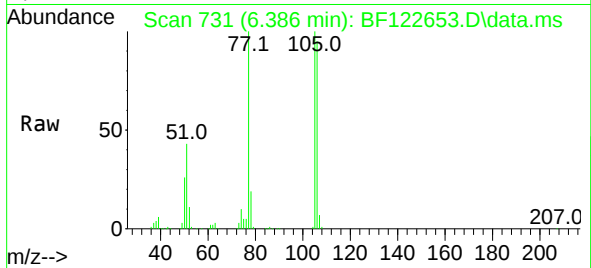
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	42.2	25.5	65.5





#9
Benzaldehyde
Concen: 26.15 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.007 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

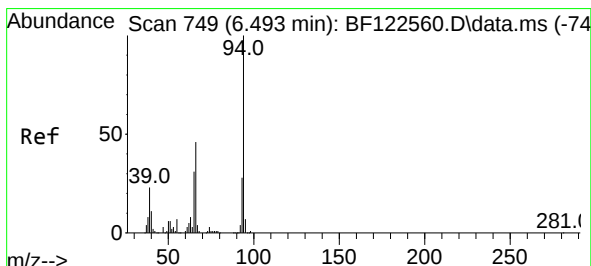
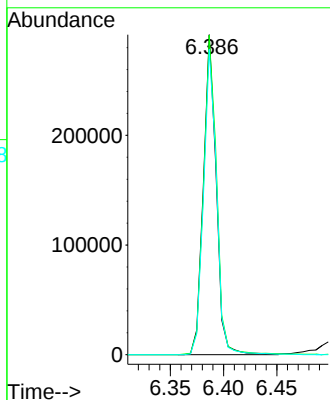
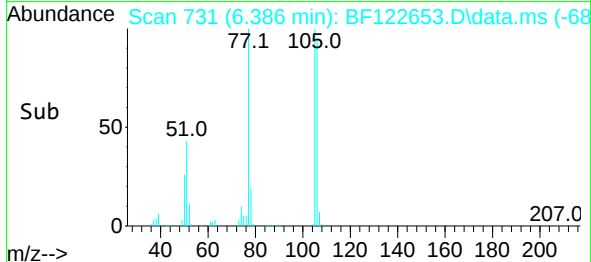
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BNA_F
ClientSampleId :
BU-02-120920MSD



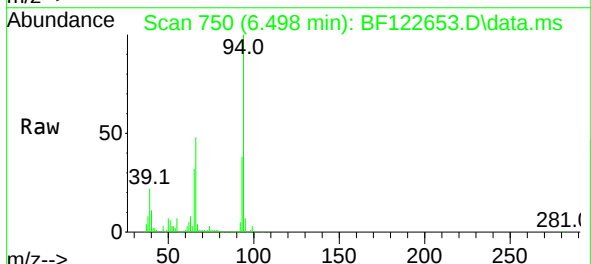
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Ion Ratio Lower Upper
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105 99.9 80.6 120.6
106 95.4 77.2 117.2

Manual Integrations
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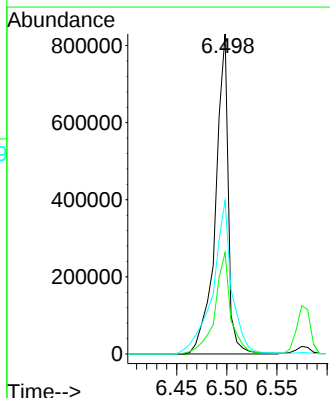
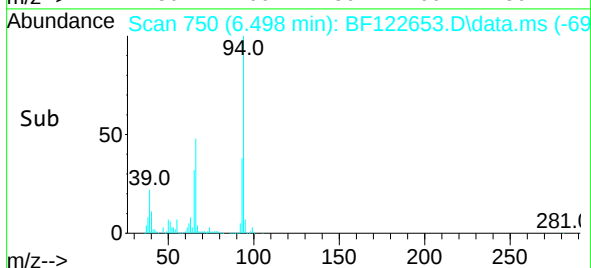
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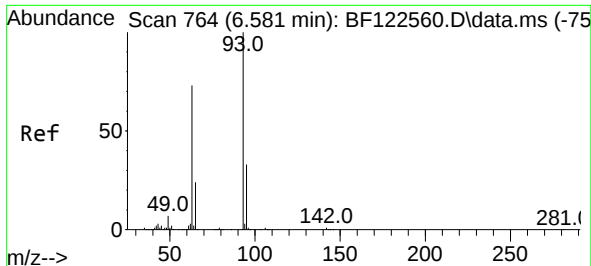


#10
Phenol
Concen: 46.08 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



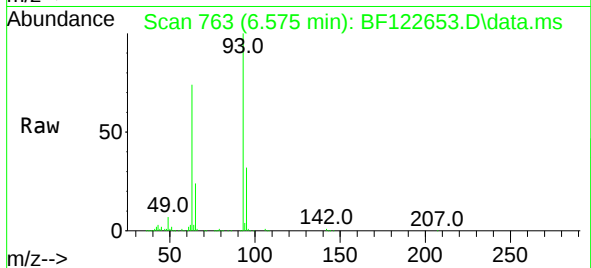
Tgt Ion: 94 Resp: 736803
Ion Ratio Lower Upper
94 100
65 31.7 11.2 51.2
66 47.9 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 41.90 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

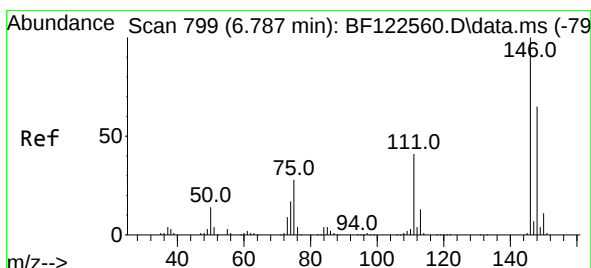
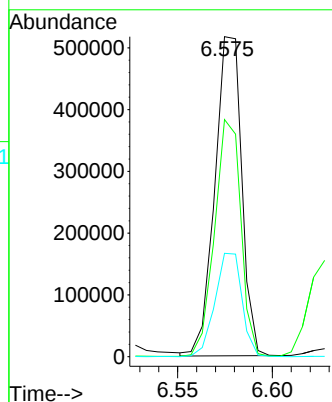
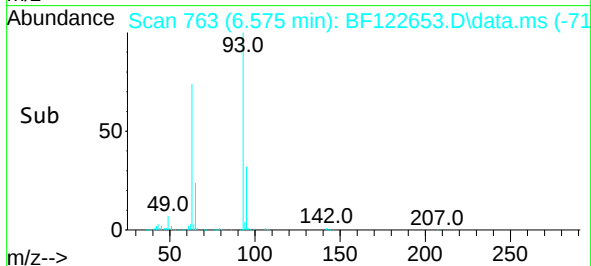
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



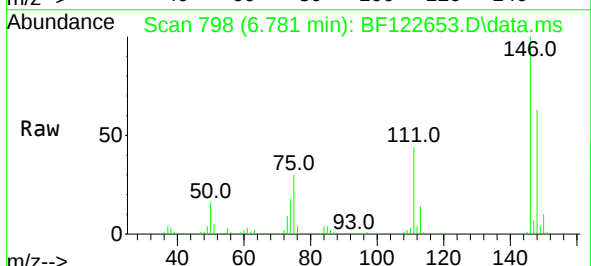
Tgt Ion: 93 Resp: 511765
Ion Ratio Lower Upper
93 100
63 74.1 52.6 92.6
95 32.3 12.6 52.6

Manual Integrations
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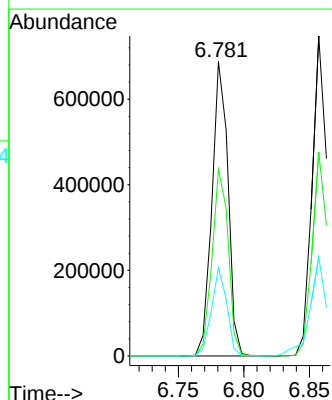
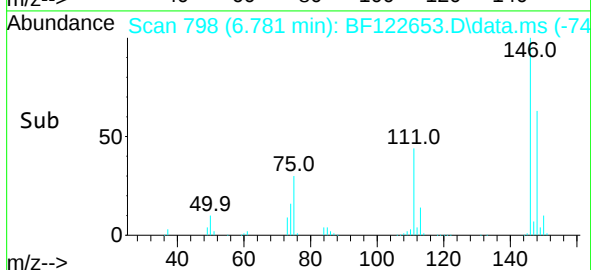
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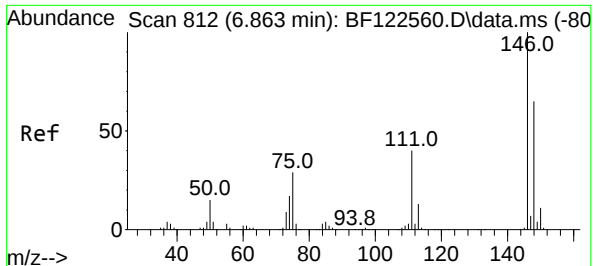


#12
1,3-Dichlorobenzene
Concen: 38.61 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion: 146 Resp: 585880
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 30.1 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 38.43 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF122653.D

Acq: 10 Dec 2020 18:47

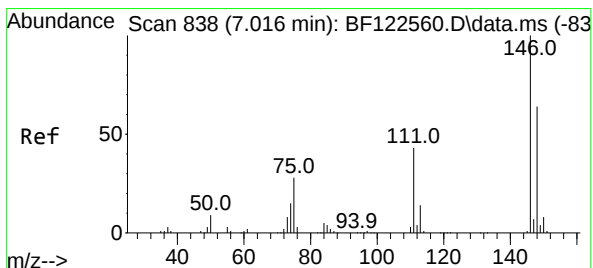
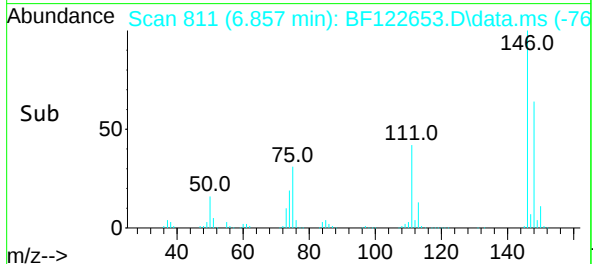
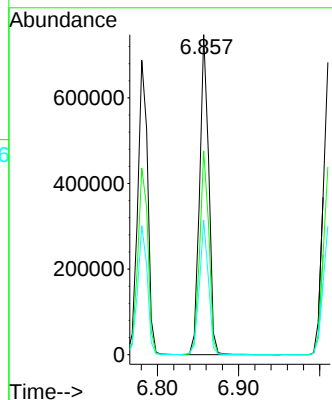
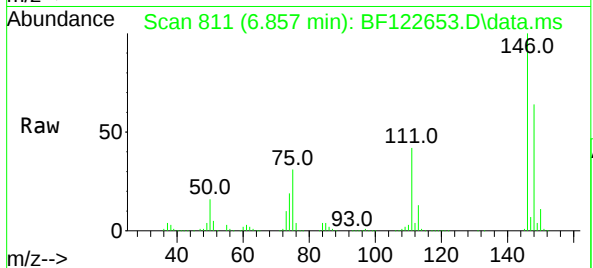
Tgt Ion:146 Resp: 587981

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

111 42.0 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 38.49 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF122653.D

Acq: 10 Dec 2020 18:47

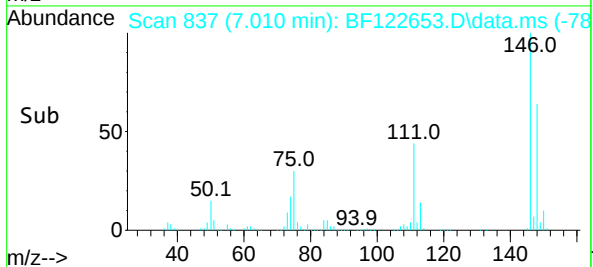
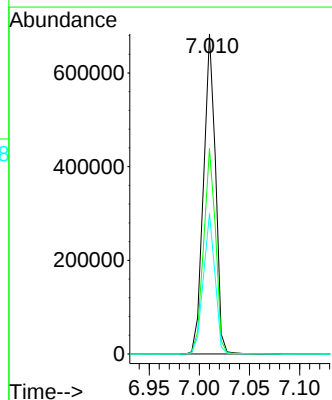
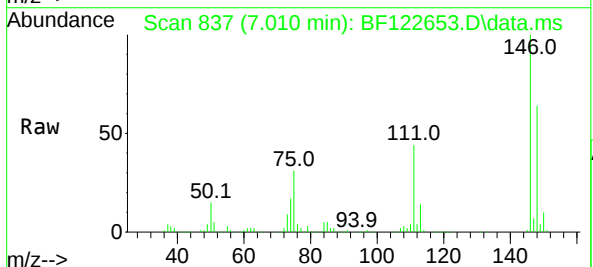
Tgt Ion:146 Resp: 568452

Ion Ratio Lower Upper

146 100

148 64.3 51.5 77.3

111 44.0 34.2 51.2



Instrument :

BNA_F

ClientSampleId :

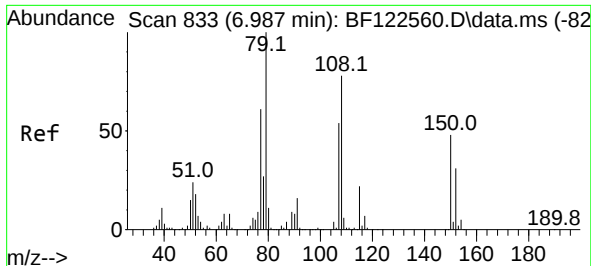
BU-02-120920MSD

Manual Integrations

APPROVED

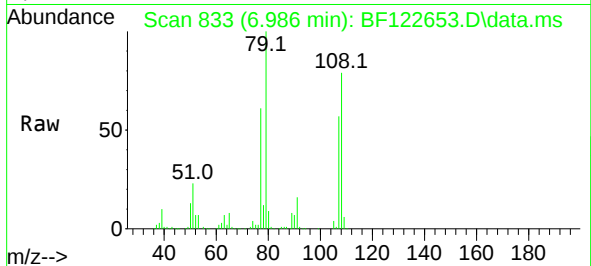
mohammad

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#15
Benzyl Alcohol
Concen: 42.29 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

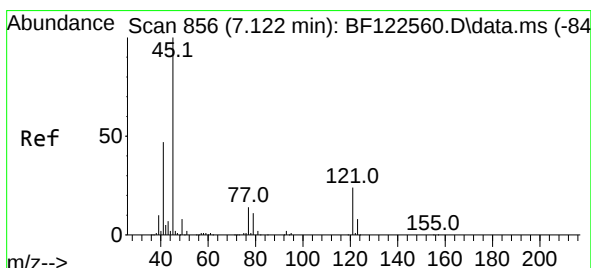
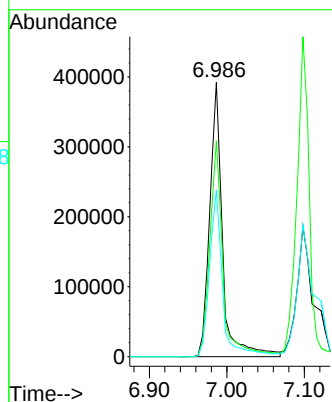
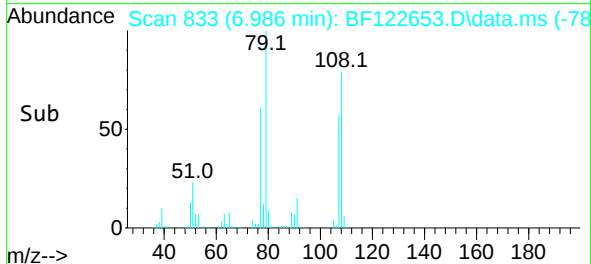
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



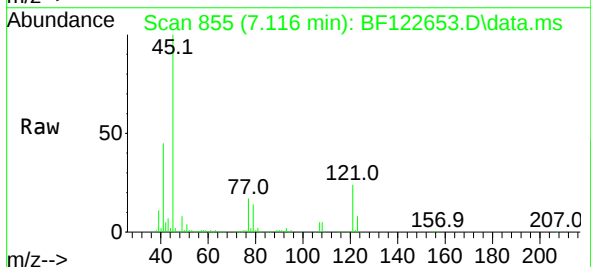
Tgt Ion: 79 Resp: 449322
Ion Ratio Lower Upper
79 100
108 78.7 62.4 93.6
77 60.7 49.0 73.6

Manual Integrations
APPROVED

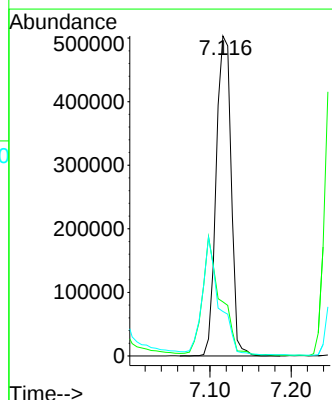
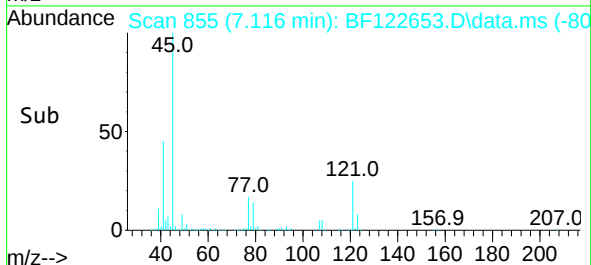
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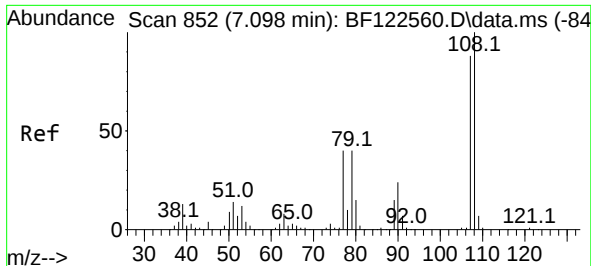


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.06 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

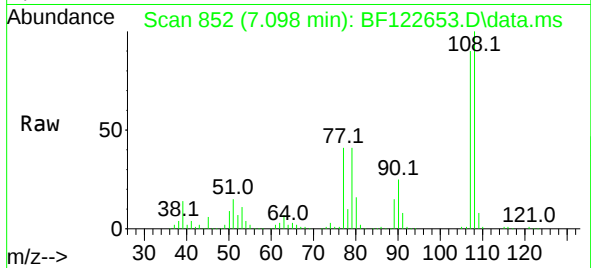


Tgt Ion: 45 Resp: 645489
Ion Ratio Lower Upper
45 100
77 16.9 0.0 35.6
79 13.9 0.0 32.4

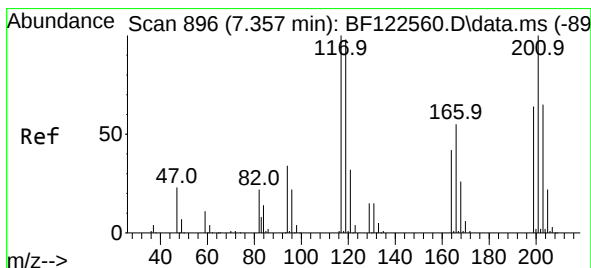
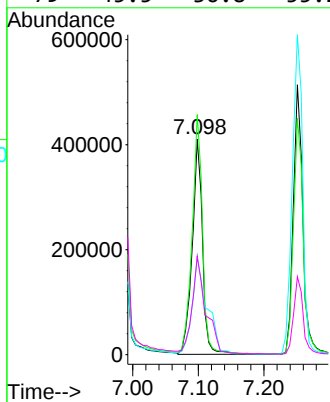
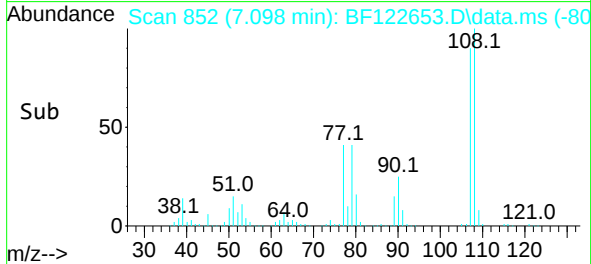




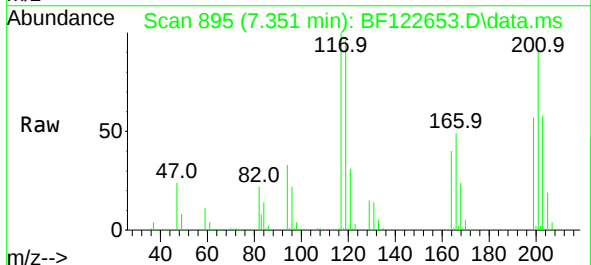
#17
2-Methylphenol
Concen: 44.16 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



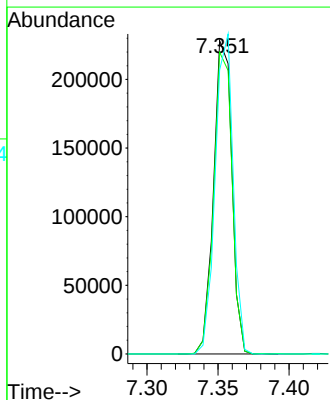
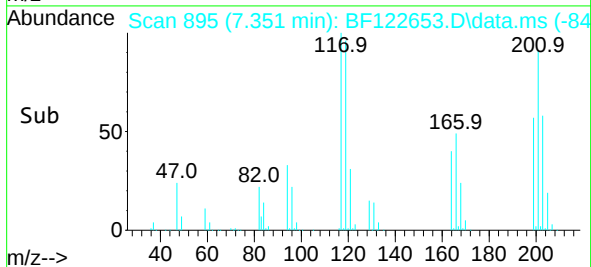
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.1	136.7
77	45.7	36.3	54.5
79	45.5	36.8	55.2



#18
Hexachloroethane
Concen: 37.38 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



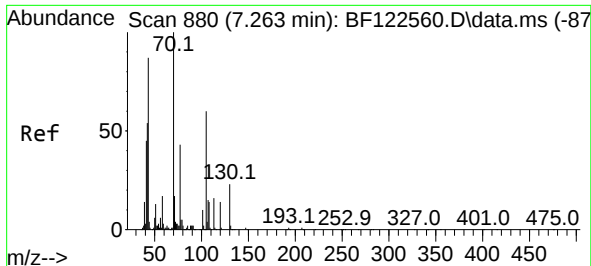
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.4	117.6
201	90.7	79.6	119.4



Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

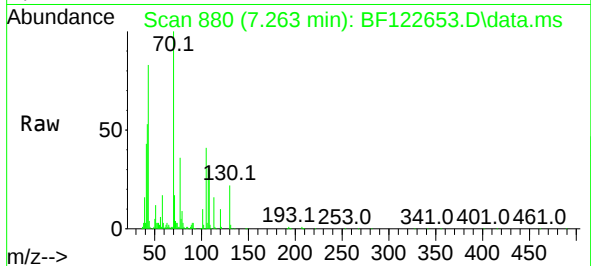
Manual Integrations
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#19
n-Nitroso-di-n-propylamine
Concen: 40.45 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

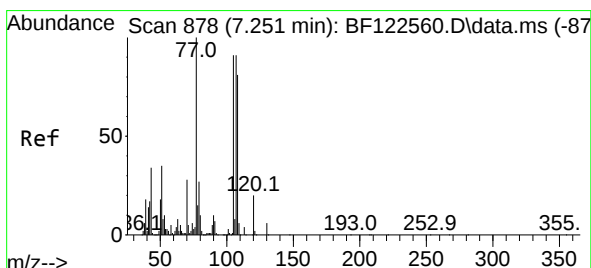
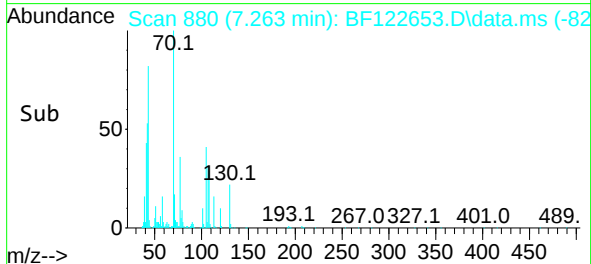
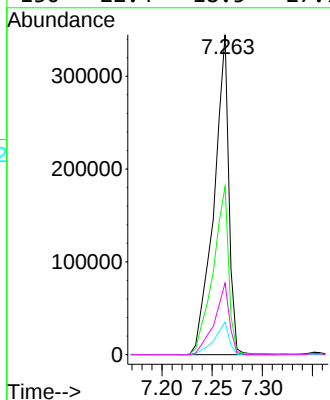


Tgt Ion: 70 Resp: 357485

Ion	Ratio	Lower	Upper
70	100		
42	52.6	43.0	64.4
101	10.2	7.9	11.9
130	22.4	18.5	27.7

Manual Integrations
APPROVED

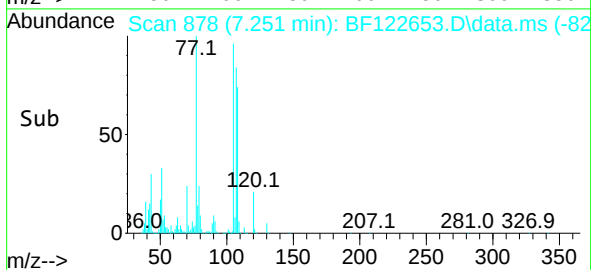
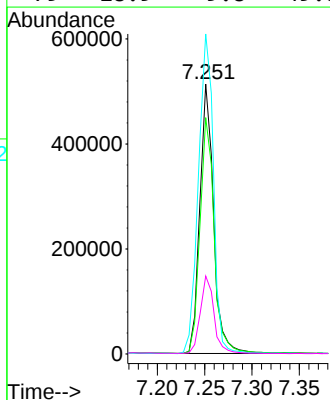
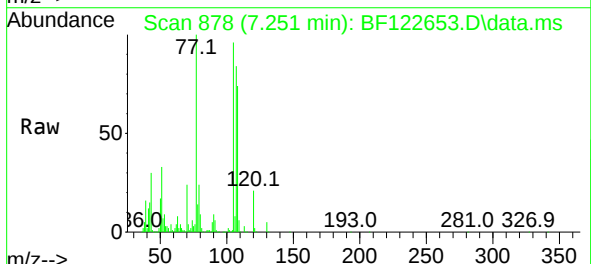
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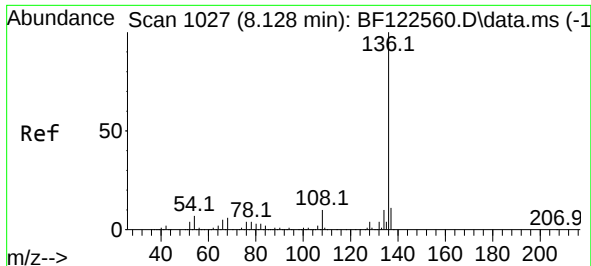


#20
3+4-Methylphenols
Concen: 40.22 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion: 107 Resp: 517885

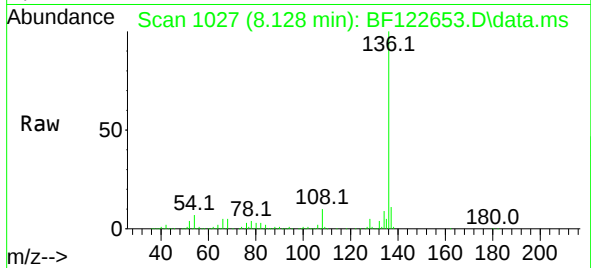
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.7	108.7
77	118.5	89.8	129.8
79	28.9	9.8	49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

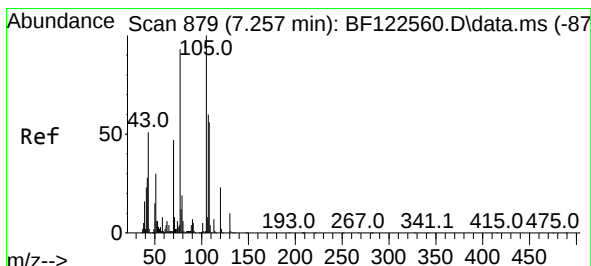
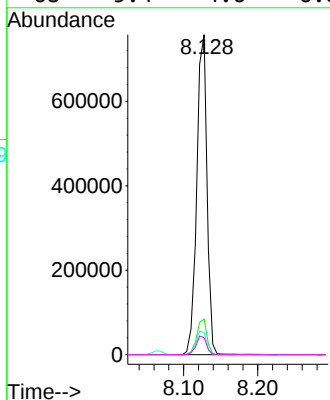
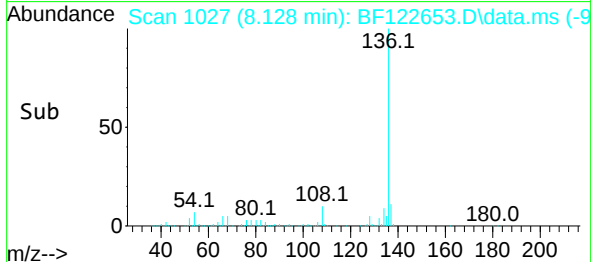
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



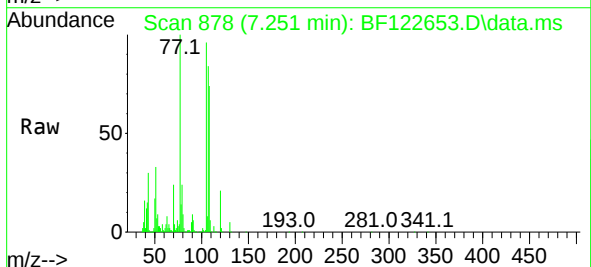
Tgt Ion:136 Resp: 726107
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.5 8.3
68 5.4 4.6 6.8

Manual Integrations
APPROVED

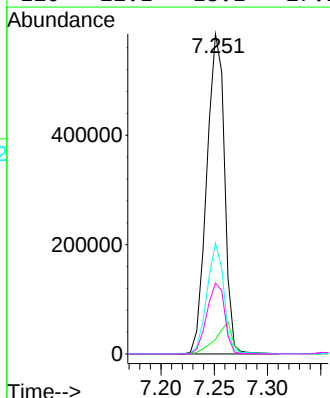
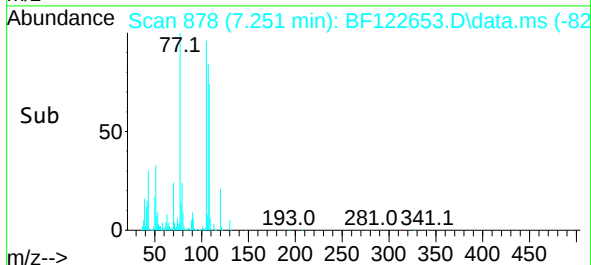
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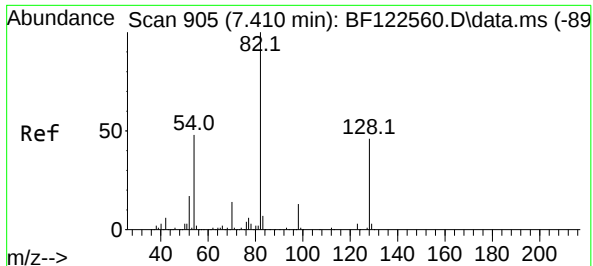


#22
Acetophenone
Concen: 37.75 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion:105 Resp: 681599
Ion Ratio Lower Upper
105 100
71 4.5 6.5 9.7#
51 34.7 24.3 36.5
120 22.1 18.1 27.1





#23

Nitrobenzene-d5

Concen: 88.55 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF122653.D

Acq: 10 Dec 2020 18:47

Tgt Ion: 82 Resp: 1283347

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	47.7	38.4	57.6

Instrument :

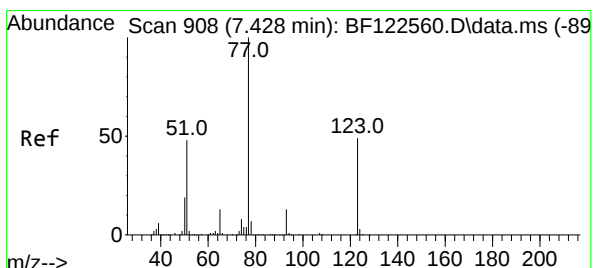
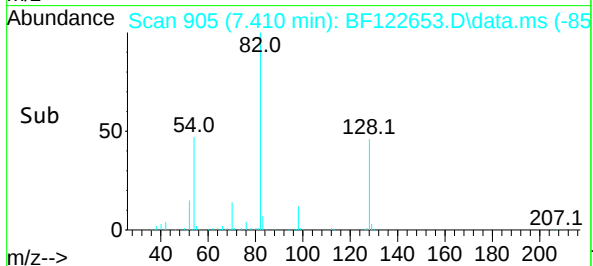
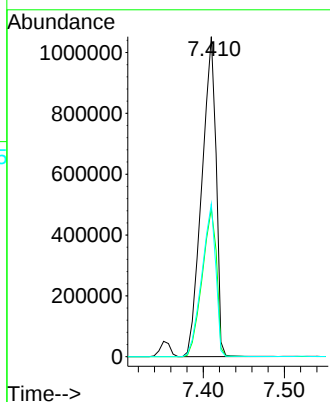
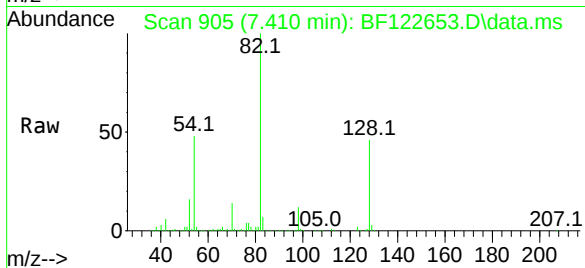
BNA_F

ClientSampleId :

BU-02-120920MSD

Manual Integrations
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#24

Nitrobenzene

Concen: 37.86 ng

RT: 7.428 min Scan# 908

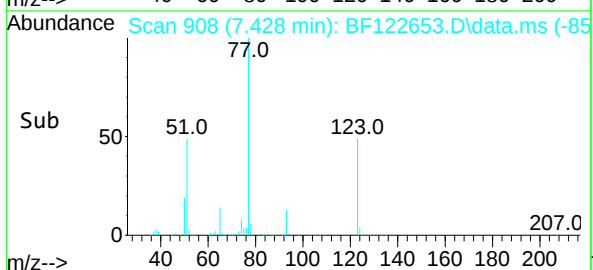
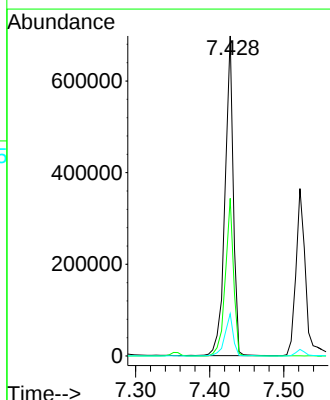
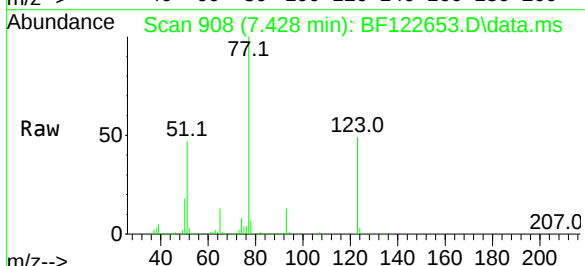
Delta R.T. -0.000 min

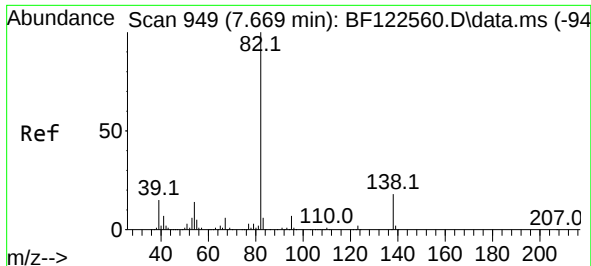
Lab File: BF122653.D

Acq: 10 Dec 2020 18:47

Tgt Ion: 77 Resp: 545804

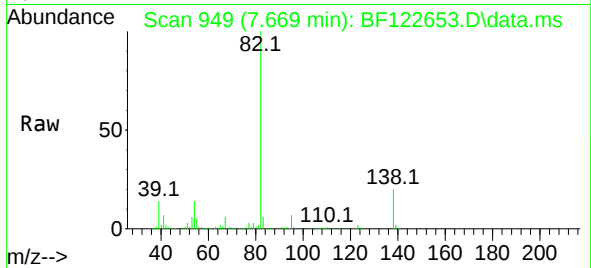
Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.3	58.9
65	13.2	10.6	15.8





#25
Isophorone
Concen: 39.25 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

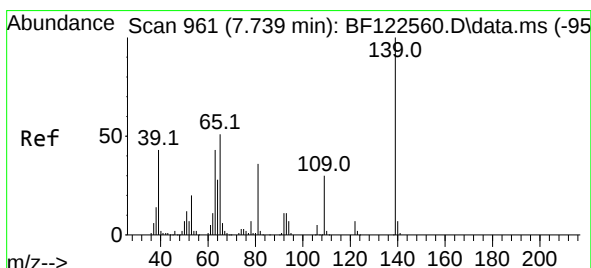
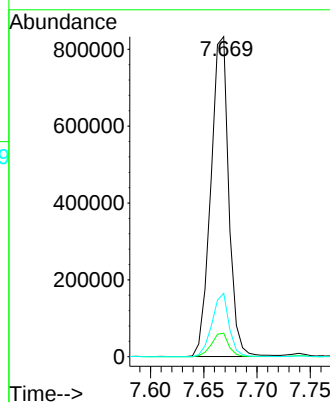
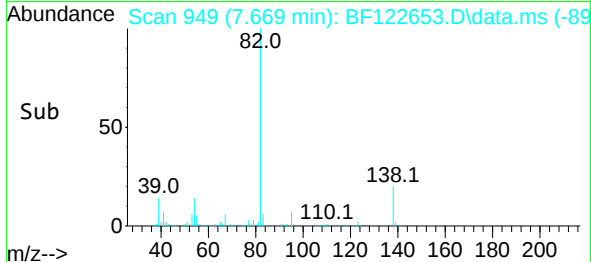
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



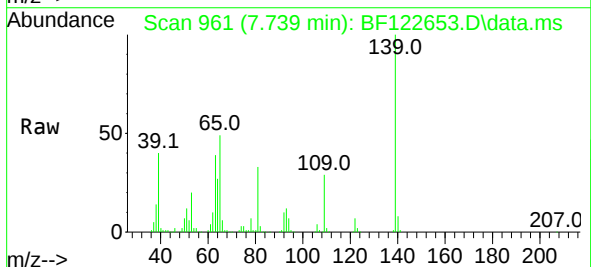
Tgt Ion: 82 Resp: 979786
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.8 14.6 21.8

Manual Integrations
APPROVED

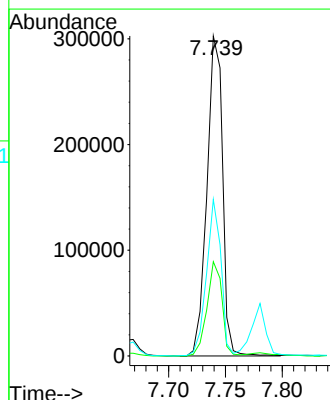
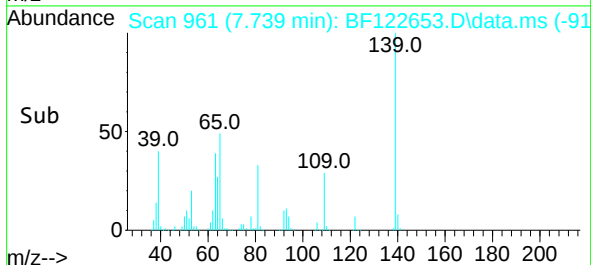
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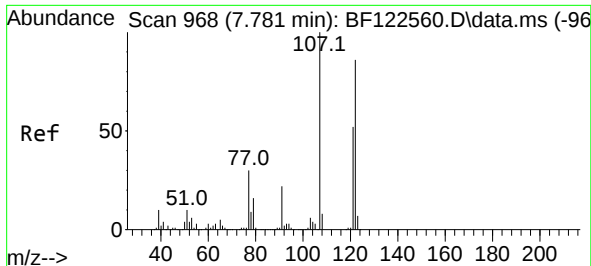


#26
2-Nitrophenol
Concen: 41.17 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



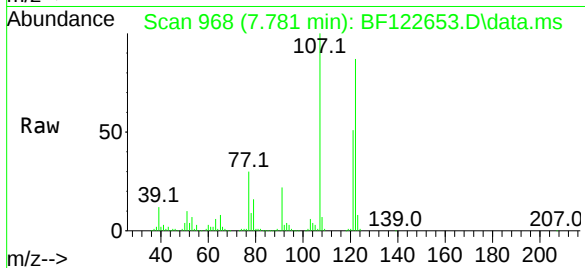
Tgt Ion: 139 Resp: 289503
Ion Ratio Lower Upper
139 100
109 29.5 24.0 36.0
65 48.9 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 46.09 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

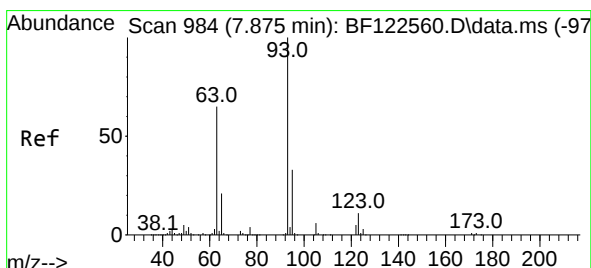
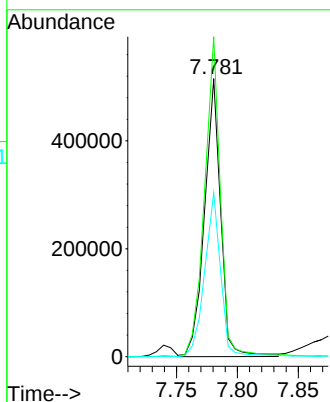
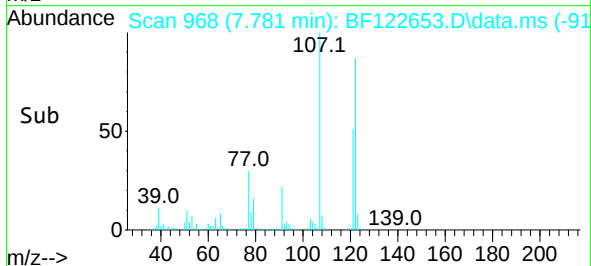
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



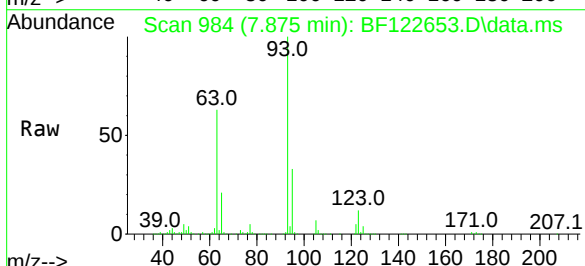
Tgt Ion:122 Resp: 474984
Ion Ratio Lower Upper
122 100
107 115.1 91.8 137.8
121 59.0 47.3 70.9

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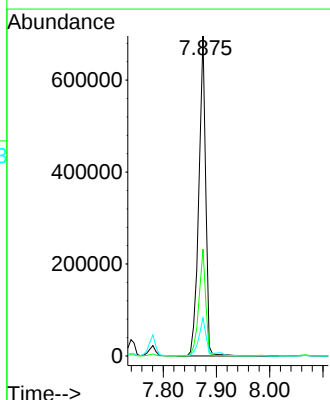
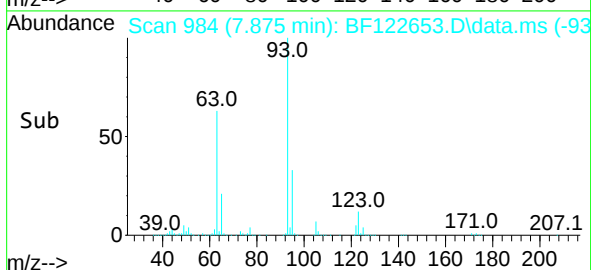
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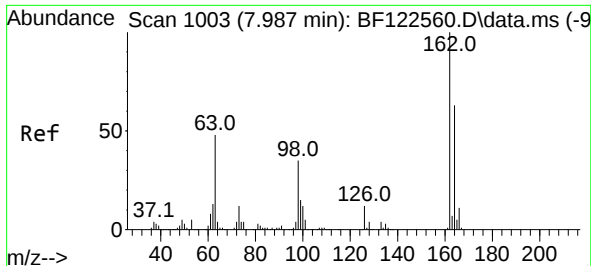


#28
bis(2-Chloroethoxy)methane
Concen: 36.43 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

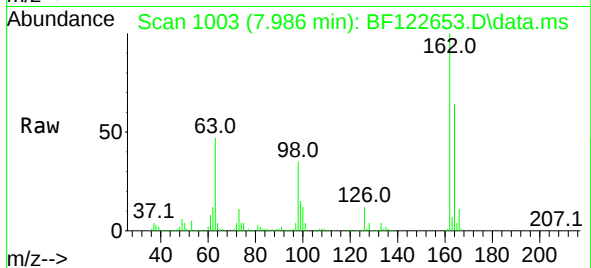


Tgt Ion: 93 Resp: 622773
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.2
123 11.9 9.2 13.8

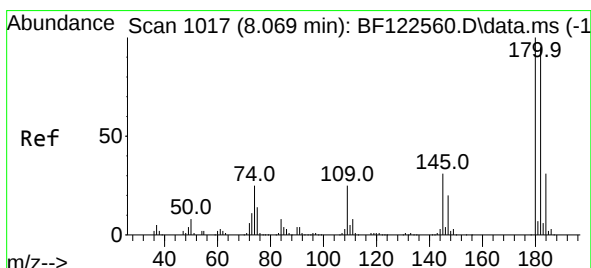
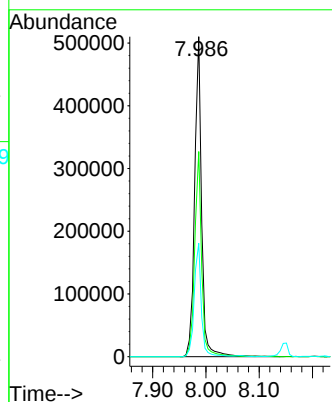
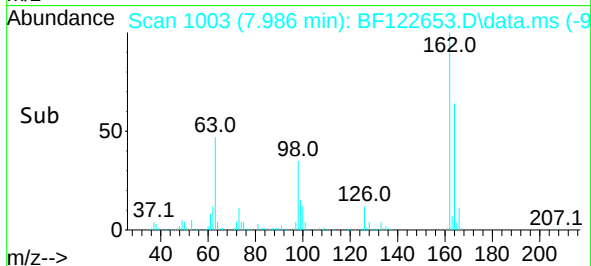




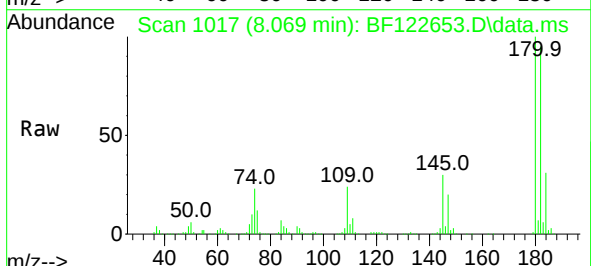
#29
2,4-Dichlorophenol
Concen: 38.75 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



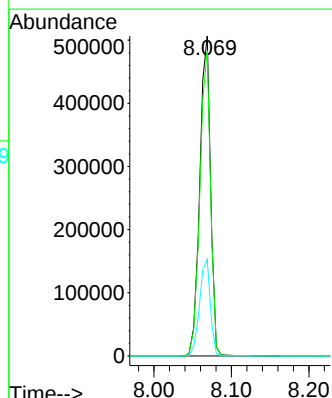
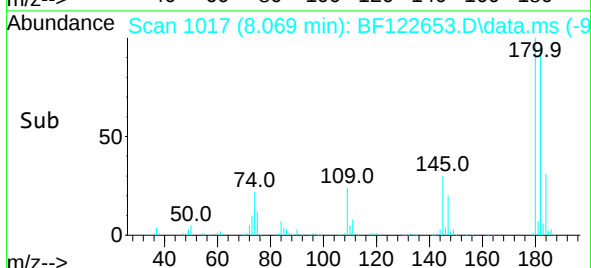
Tgt Ion:162 Resp: 466341
Ion Ratio Lower Upper
162 100
164 64.1 43.2 83.2
98 35.4 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 35.83 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



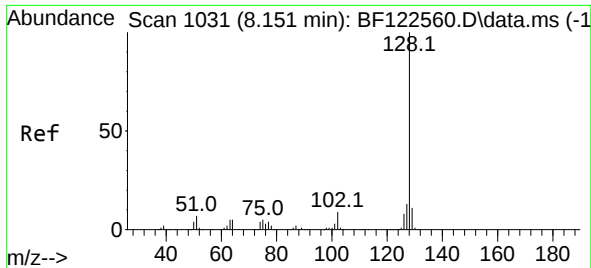
Tgt Ion:180 Resp: 488556
Ion Ratio Lower Upper
180 100
182 95.3 75.7 113.5
145 30.2 25.0 37.4



Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

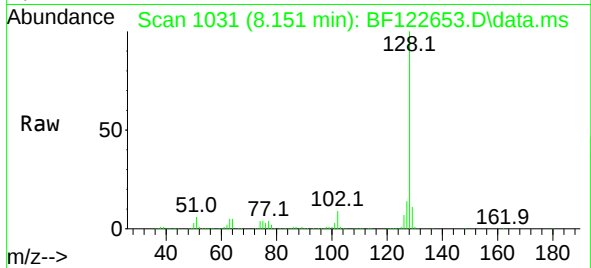
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#31
Naphthalene
Concen: 38.03 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

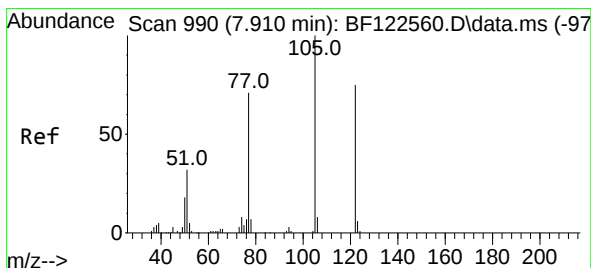
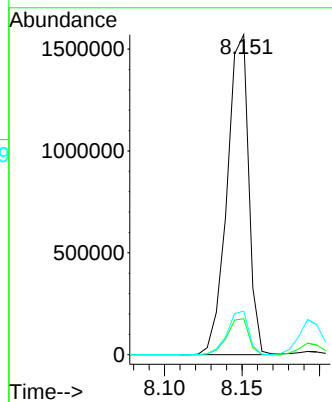
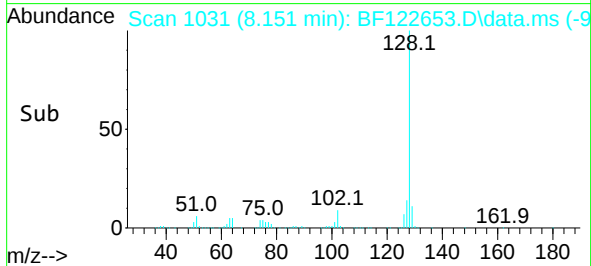
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



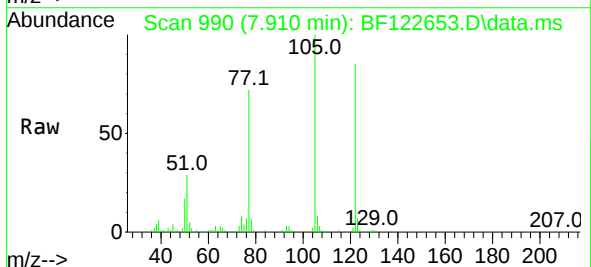
Tgt Ion:128 Resp: 1523688
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.7 16.1

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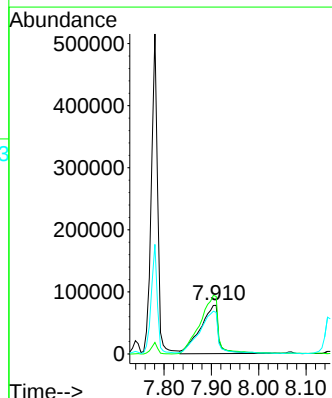
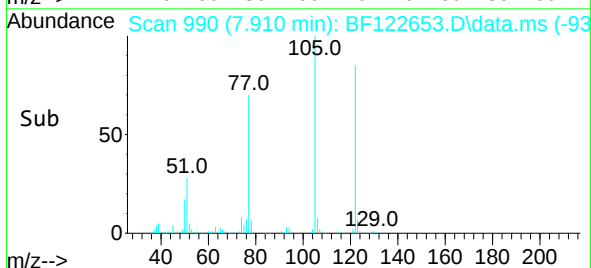
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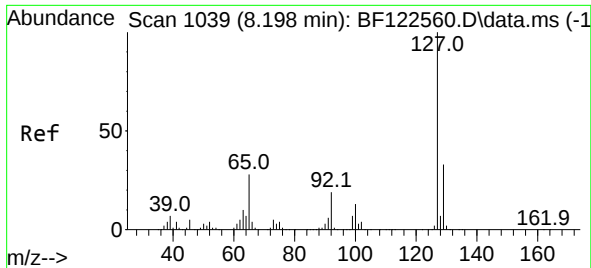


#32
Benzoic acid
Concen: 25.98 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion:122 Resp: 213366
Ion Ratio Lower Upper
122 100
105 118.3 104.8 144.8
77 85.4 71.0 111.0





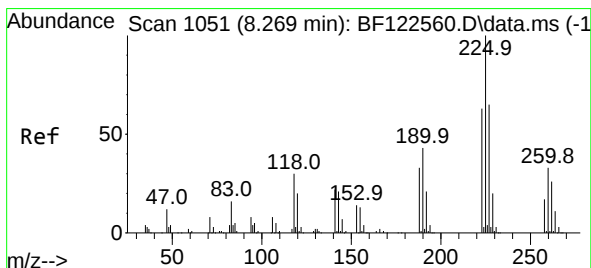
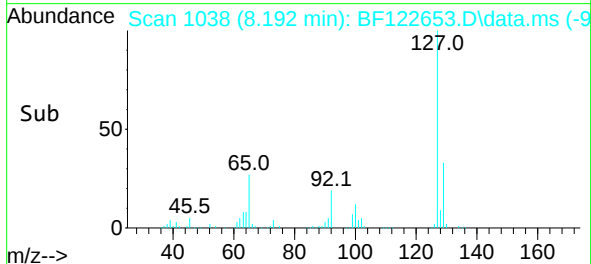
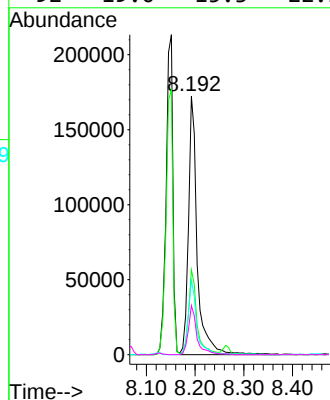
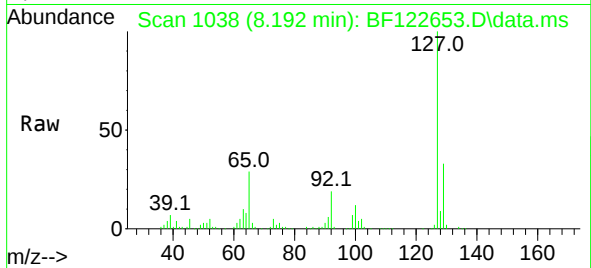
#33
4-Chloroaniline
Concen: 12.91 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:	127	Resp:	216233
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.2	39.2
65	28.7	22.2	33.2
92	19.0	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

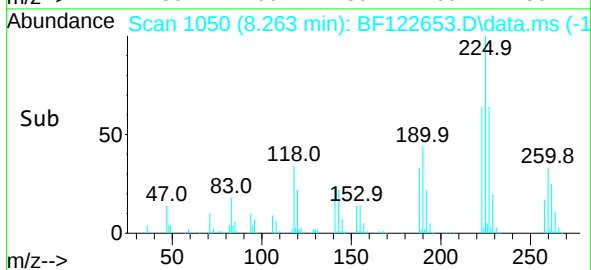
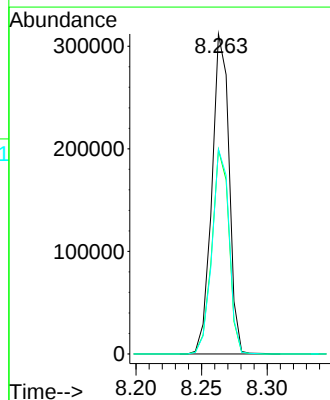
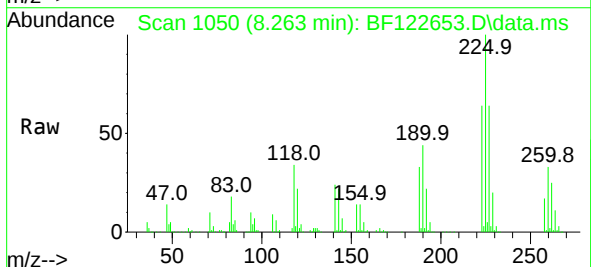
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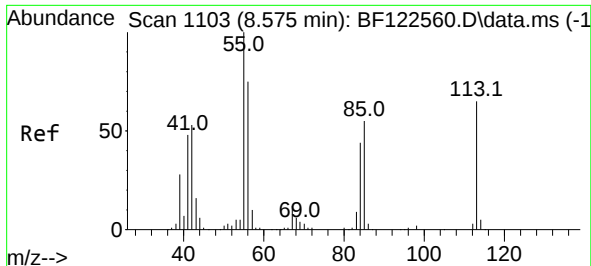
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#34
Hexachlorobutadiene
Concen: 33.89 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:	225	Resp:	284459
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.7	76.1
227	64.0	51.7	77.5





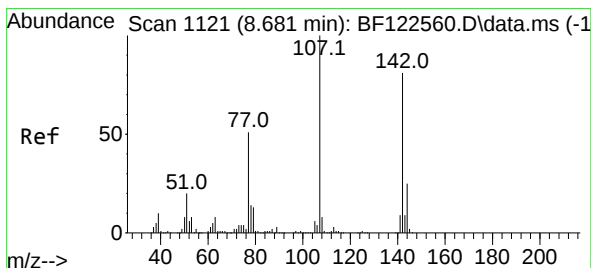
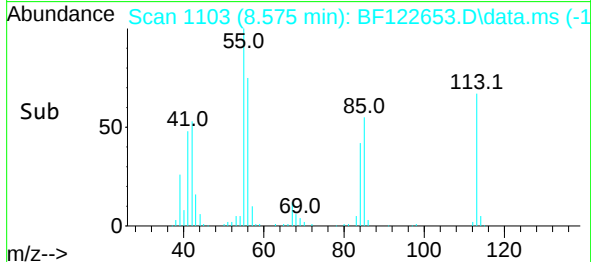
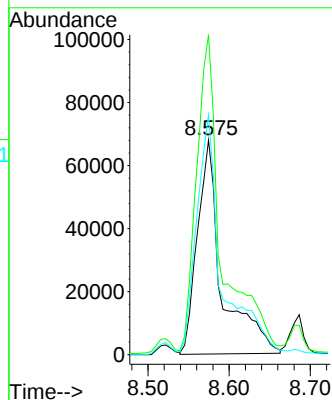
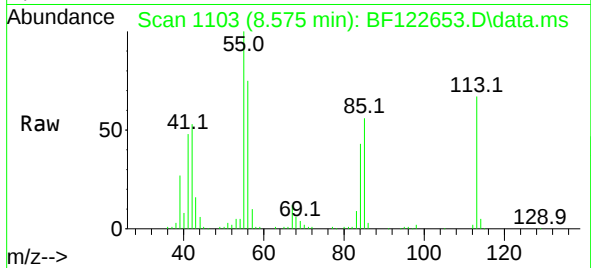
#35
Caprolactam
Concen: 39.58 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:113 Resp: 143469
Ion Ratio Lower Upper
113 100
55 149.1 133.7 173.7
56 111.5 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

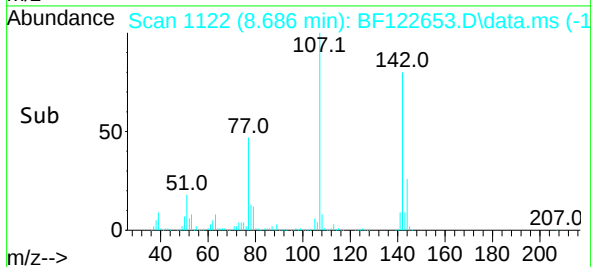
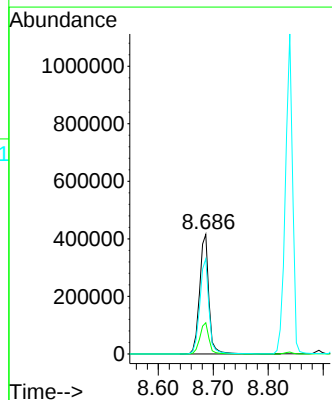
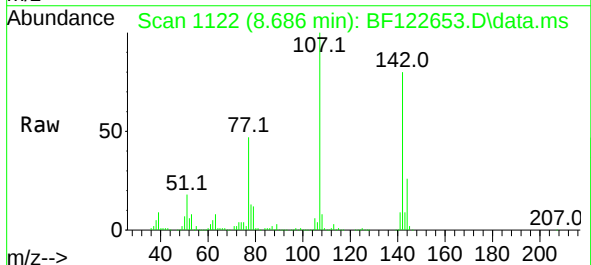
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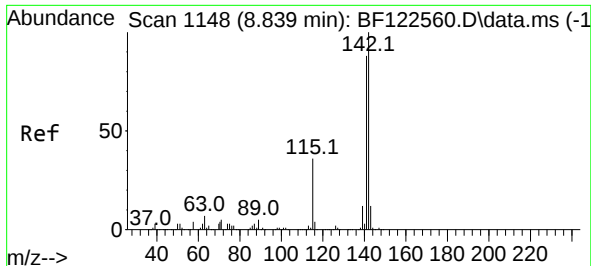
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#36
4-Chloro-3-methylphenol
Concen: 41.03 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:107 Resp: 486379
Ion Ratio Lower Upper
107 100
144 26.1 20.2 30.2
142 79.7 64.4 96.6





#37
2-Methylnaphthalene
Concen: 37.96 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

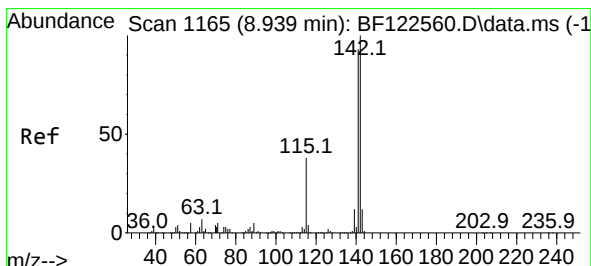
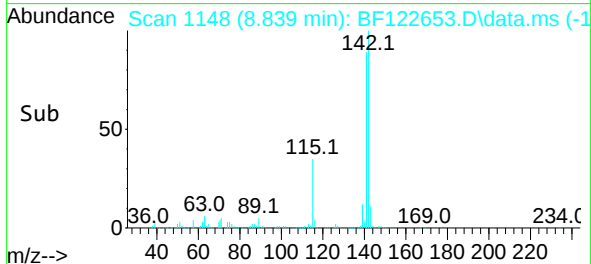
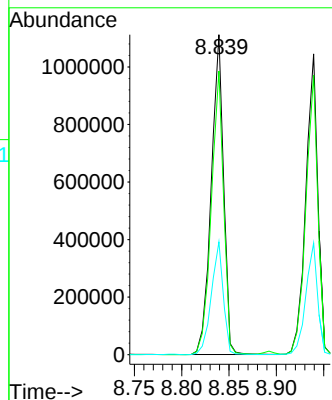
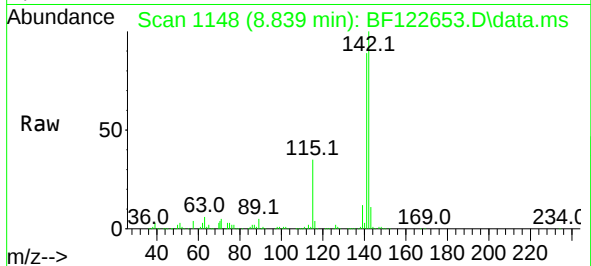
Tgt Ion:142 Resp: 1006122

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	106.0
115	35.2	28.7	43.1

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

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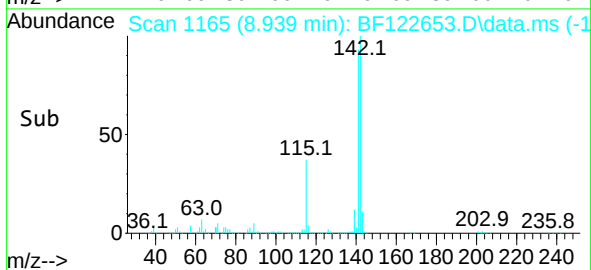
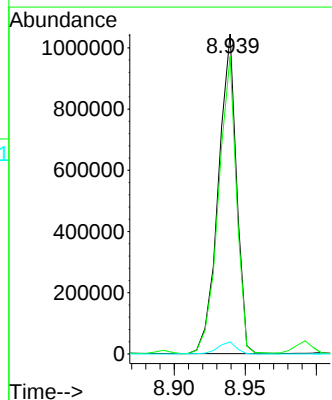
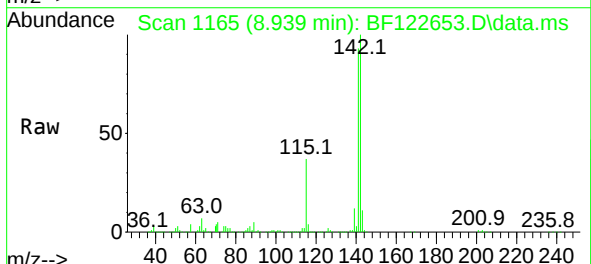
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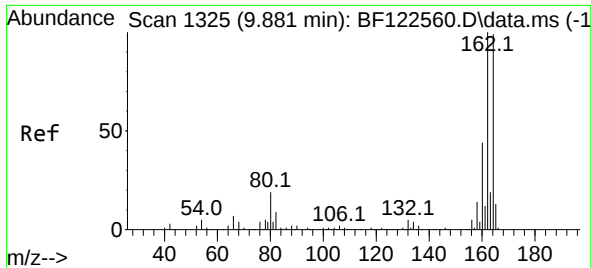


#38
1-Methylnaphthalene
Concen: 37.00 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:142 Resp: 927687

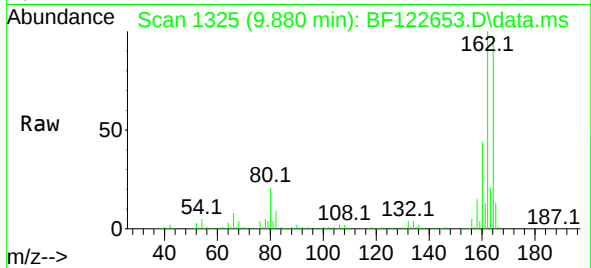
Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.5	111.7
116	3.8	3.2	4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

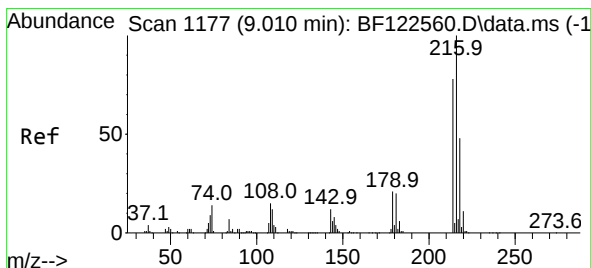
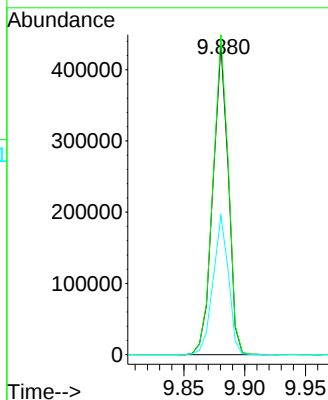
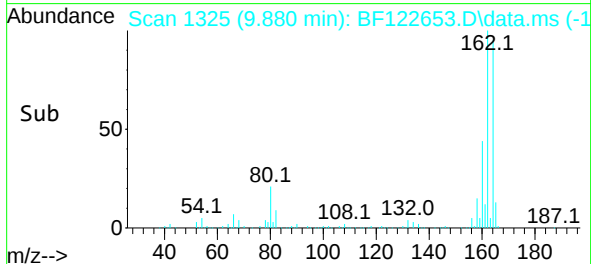
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ClientSampleId :
BU-02-120920MSD



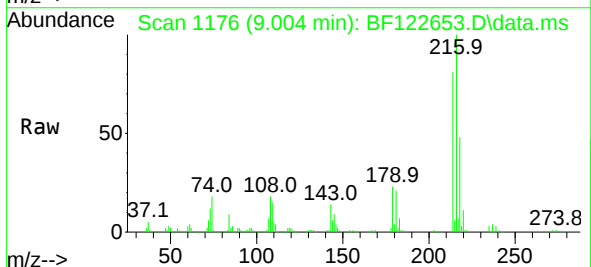
Tgt Ion:164 Resp: 383393
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 44.9 35.4 53.0

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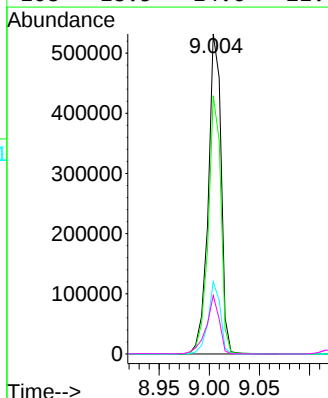
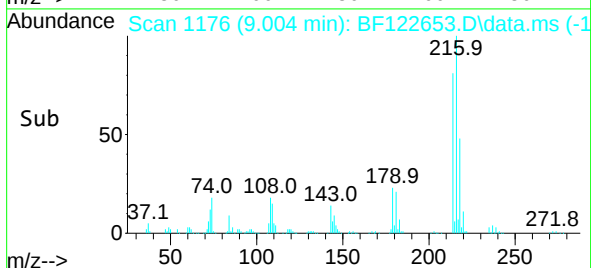
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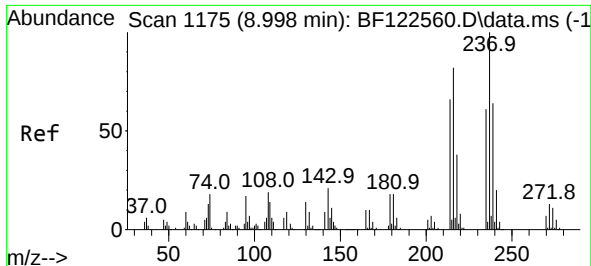


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.51 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion:216 Resp: 476340
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 21.1 17.1 25.7
108 18.5 14.6 21.8





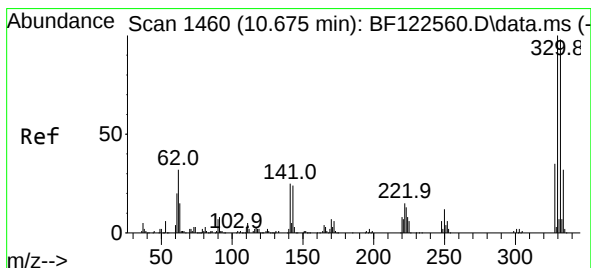
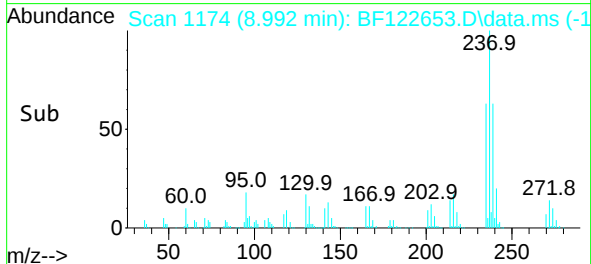
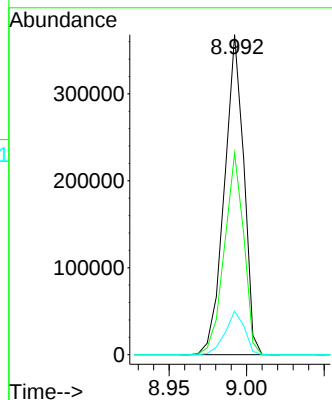
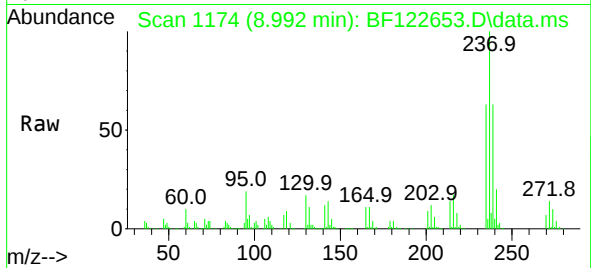
#41
Hexachlorocyclopentadiene
Concen: 57.09 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:237 Resp: 320552
Ion Ratio Lower Upper
237 100
235 63.0 40.9 80.9
272 13.6 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

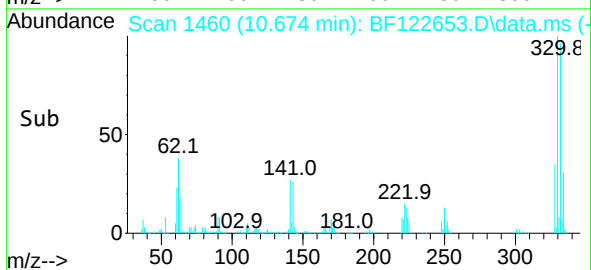
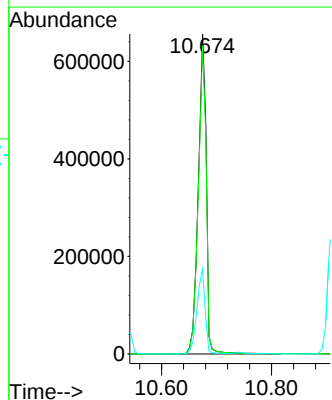
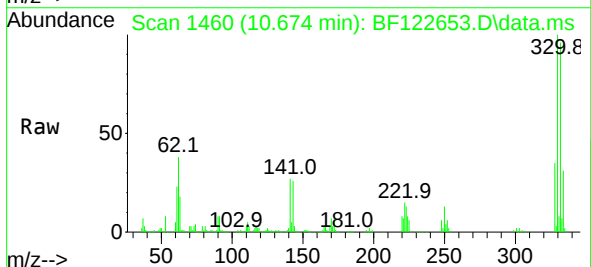
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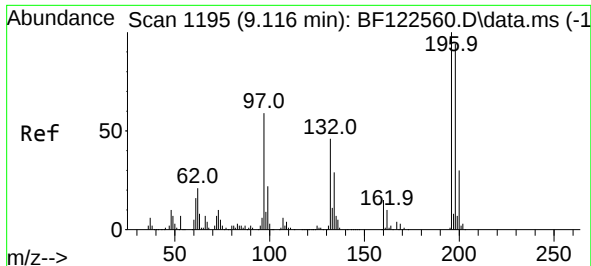
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#42
2,4,6-Tribromophenol
Concen: 132.57 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:330 Resp: 665316
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 27.1 23.8 35.8





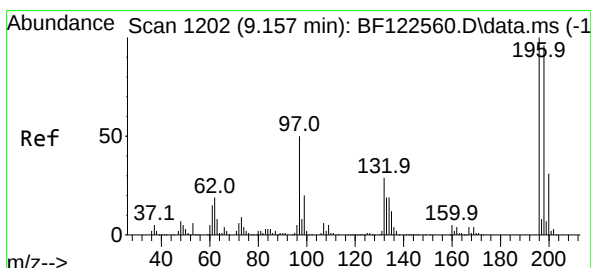
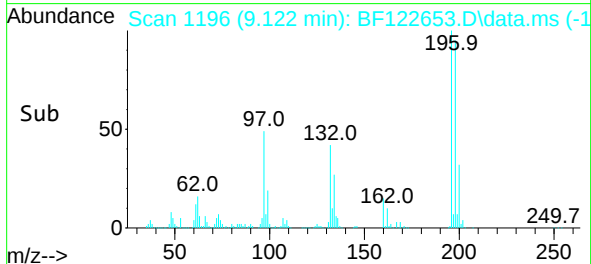
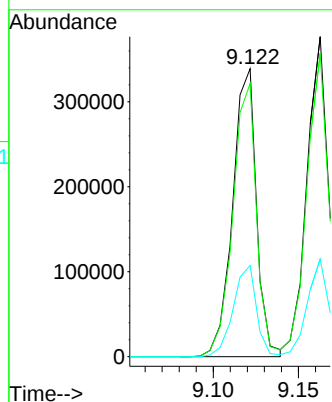
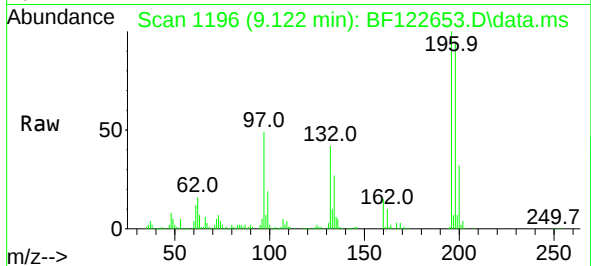
#43
2,4,6-Trichlorophenol
Concen: 37.50 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:196 Resp: 328918
Ion Ratio Lower Upper
196 100
198 94.9 75.1 112.7
200 31.7 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

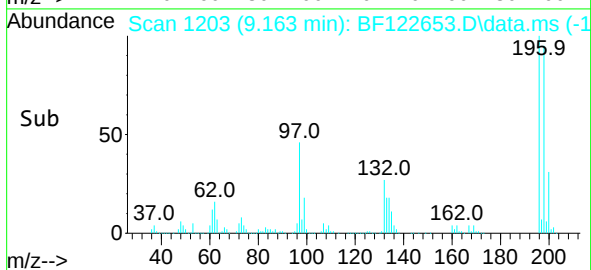
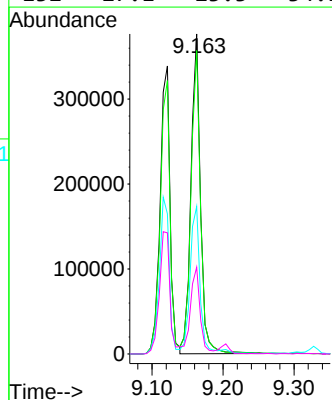
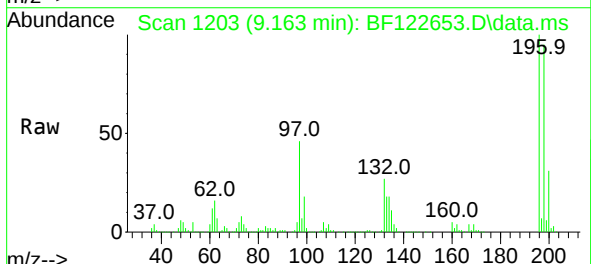
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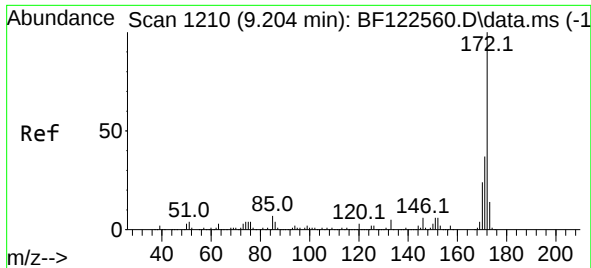
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 38.79 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

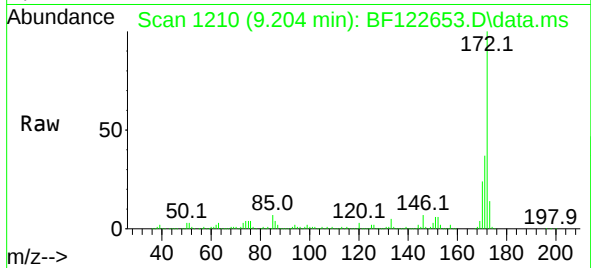
Tgt Ion:196 Resp: 351655
Ion Ratio Lower Upper
196 100
198 94.8 76.5 114.7
97 46.1 40.1 60.1
132 27.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 74.74 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

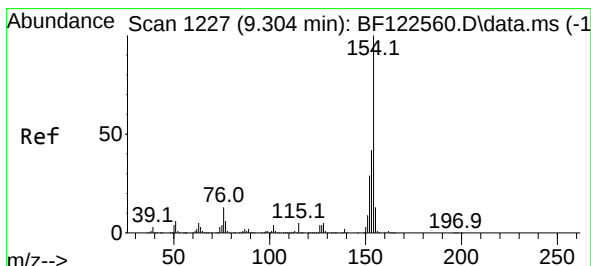
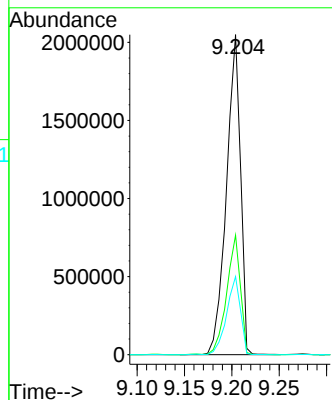
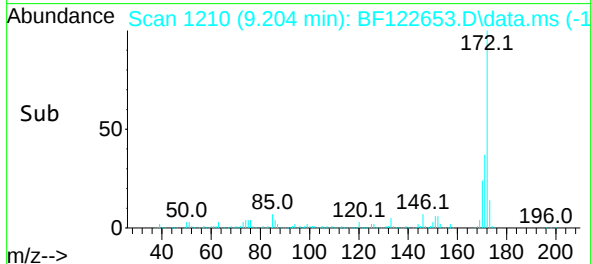
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



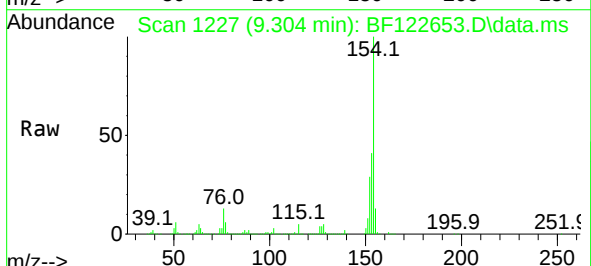
Tgt Ion:172 Resp: 2118465
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.4 19.5 29.3

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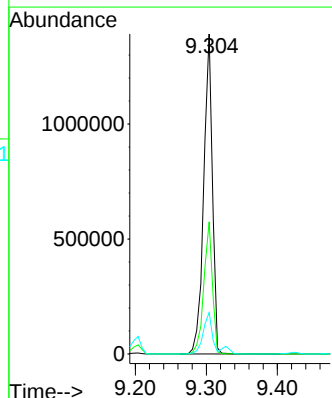
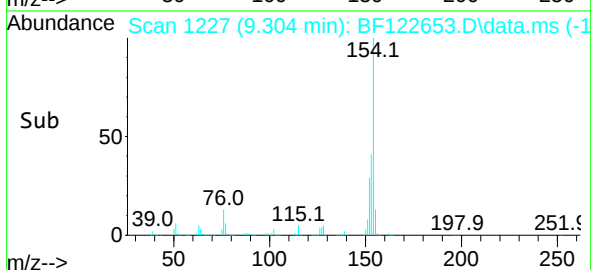
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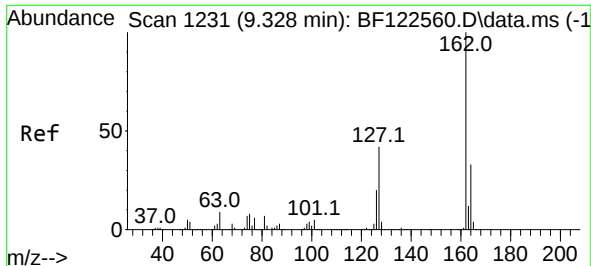


#46
1,1'-Biphenyl
Concen: 37.47 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

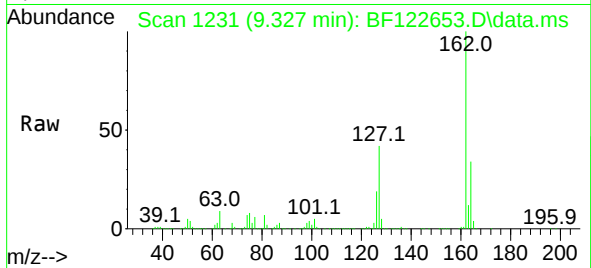


Tgt Ion:154 Resp: 1192227
Ion Ratio Lower Upper
154 100
153 41.3 21.8 61.8
76 13.0 0.0 33.4

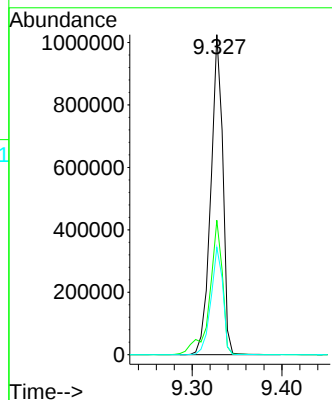
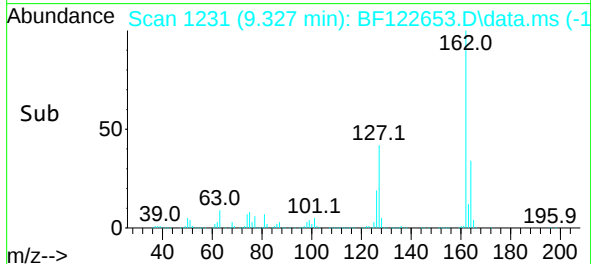




#47
2-Chloronaphthalene
Concen: 36.02 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



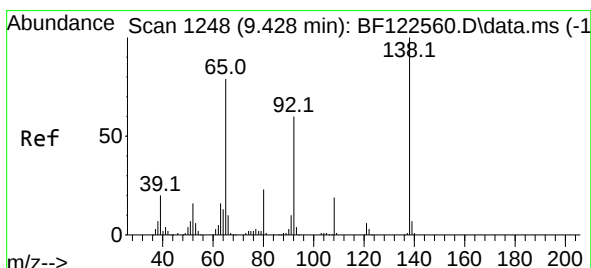
Tgt Ion: 162 Resp: 949712
Ion Ratio Lower Upper
162 100
127 42.0 33.8 50.8
164 33.5 26.5 39.7



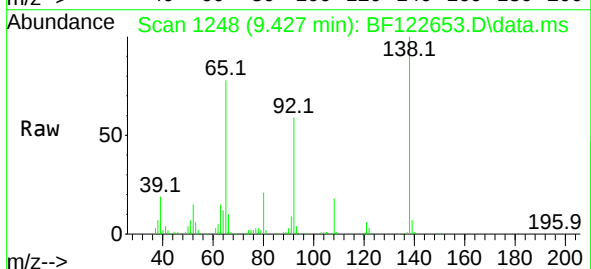
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

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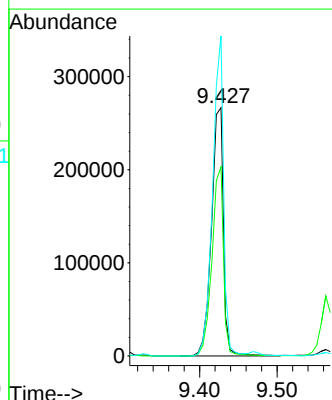
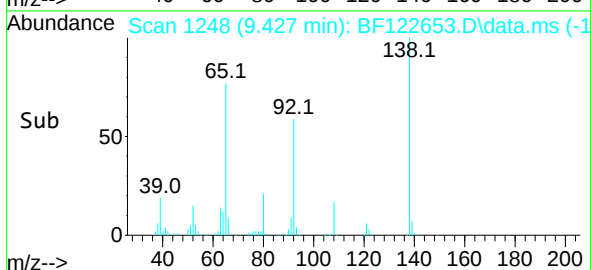
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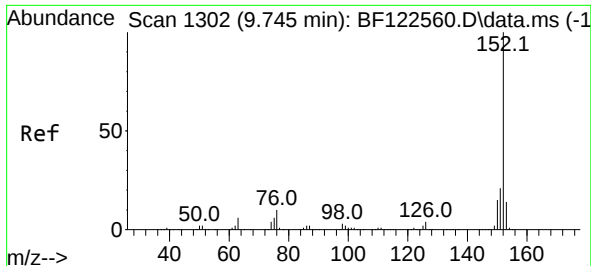


#48
2-Nitroaniline
Concen: 37.28 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

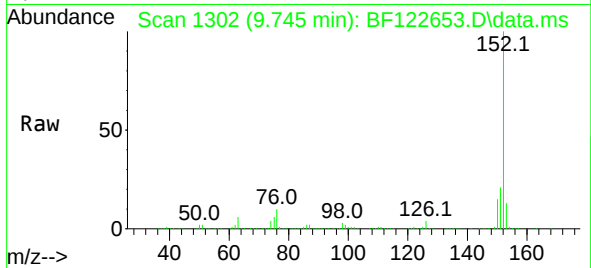


Tgt Ion: 65 Resp: 286525
Ion Ratio Lower Upper
65 100
92 76.1 60.0 90.0
138 128.9 100.6 151.0

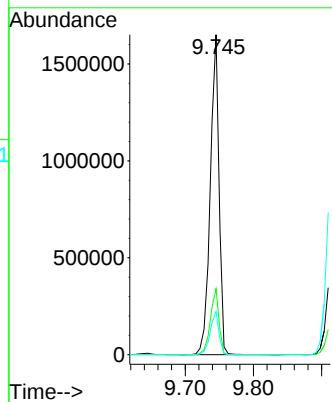
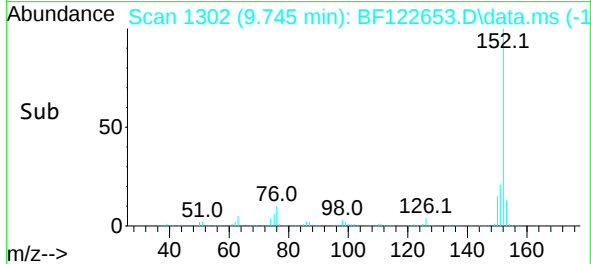




#49
Acenaphthylene
Concen: 37.98 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



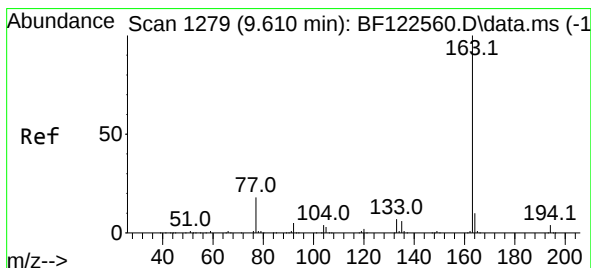
Tgt Ion:152 Resp: 1478770
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0
153 13.5 10.9 16.3



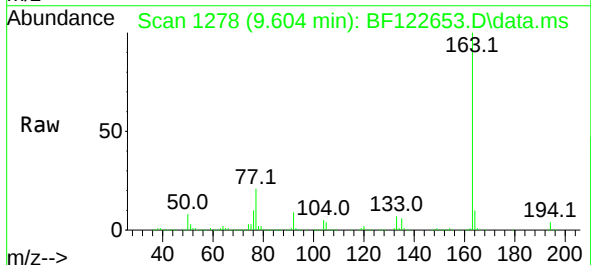
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

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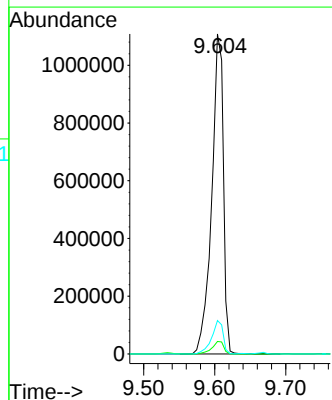
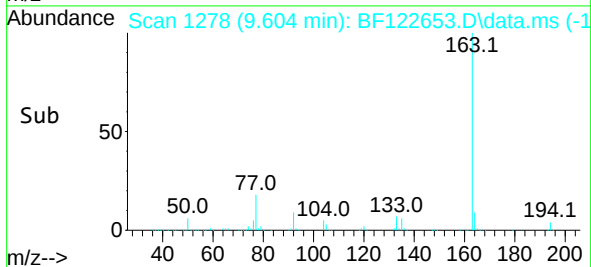
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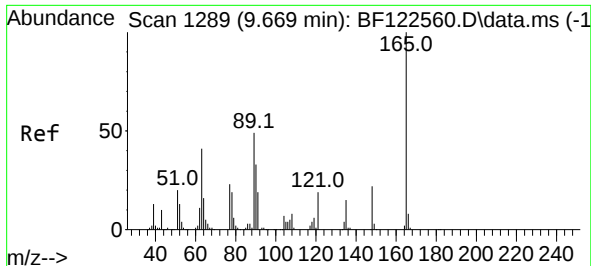


#50
Dimethylphthalate
Concen: 41.36 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion:163 Resp: 1266551
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.4 8.1 12.1





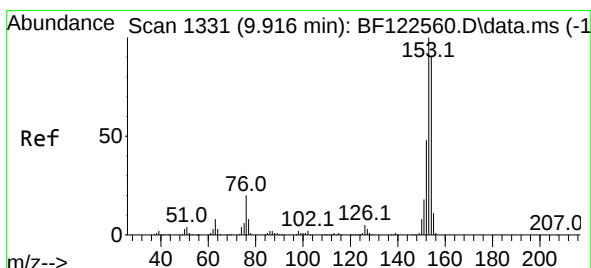
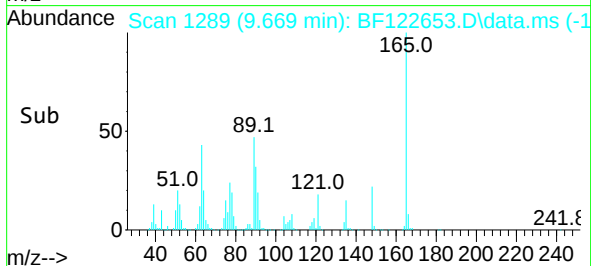
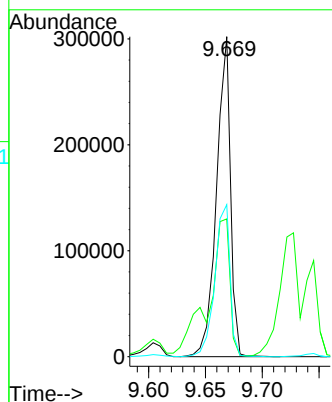
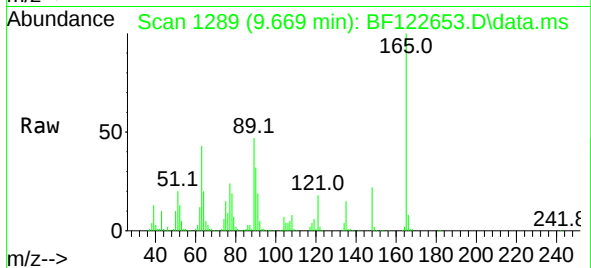
#51
2,6-Dinitrotoluene
Concen: 39.96 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:165 Resp: 258428
Ion Ratio Lower Upper
165 100
63 43.1 36.6 55.0
89 47.5 39.4 59.0

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

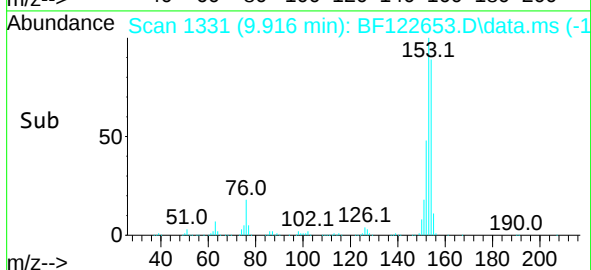
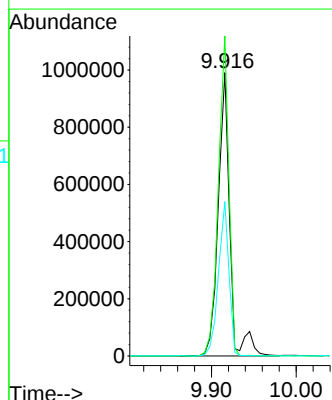
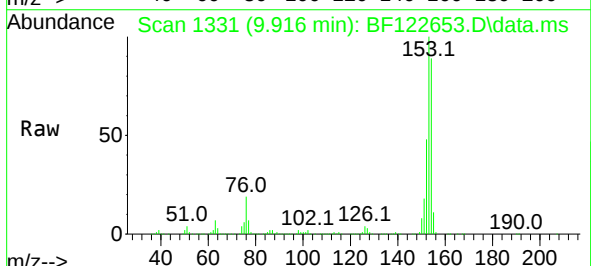
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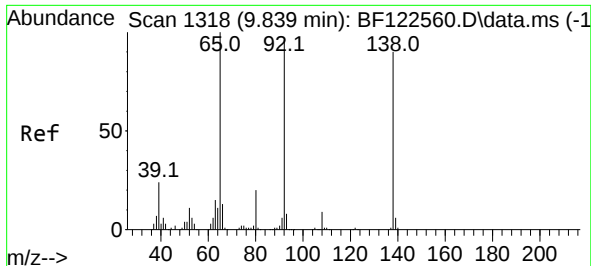
mohammad
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#52
Acenaphthene
Concen: 37.13 ng m
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:154 Resp: 935498
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 54.5 42.7 64.1





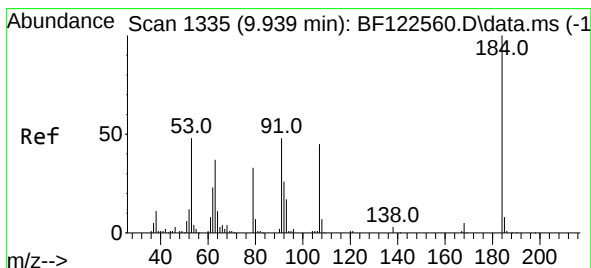
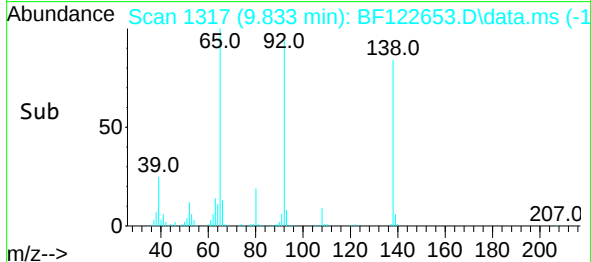
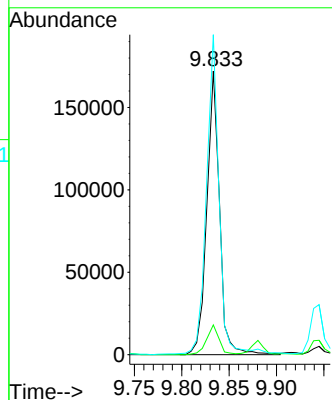
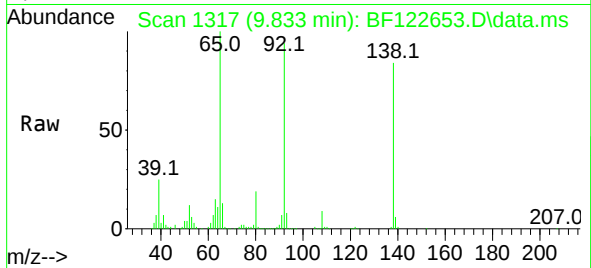
#53
3-Nitroaniline
Concen: 21.51 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:138 Resp: 160701
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 112.8 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

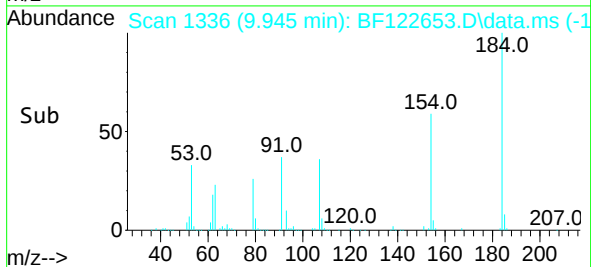
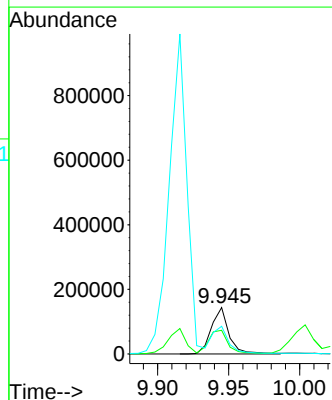
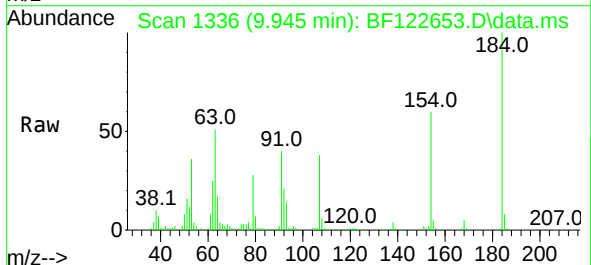
Manual Integrations
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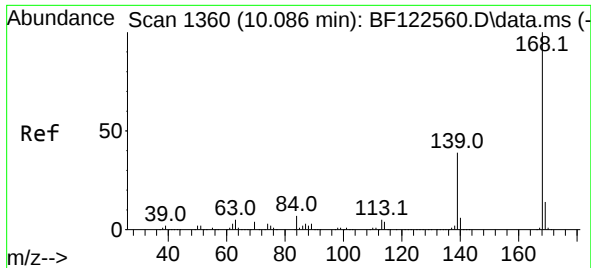
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.16 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

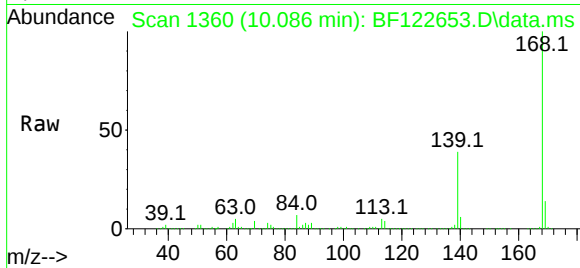
Tgt Ion:184 Resp: 123803
Ion Ratio Lower Upper
184 100
63 51.1 51.4 77.2#
154 59.7 49.7 74.5





#55
Dibenzofuran
Concen: 37.20 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

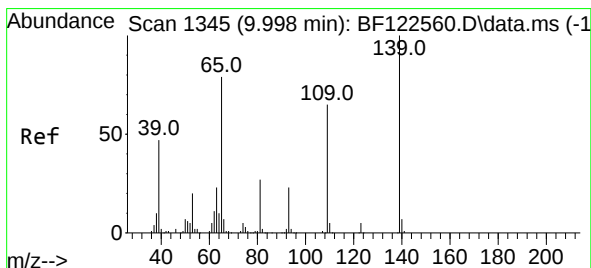
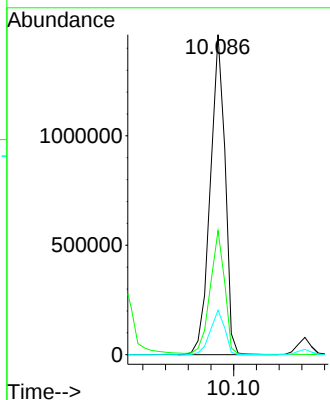
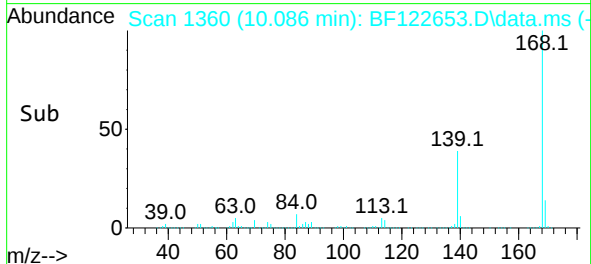
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



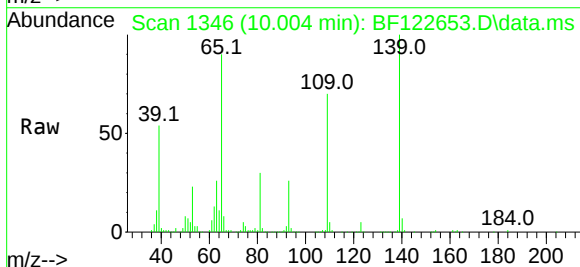
Tgt Ion:168 Resp: 1318364
Ion Ratio Lower Upper
168 100
139 38.8 31.3 46.9
169 13.9 11.2 16.8

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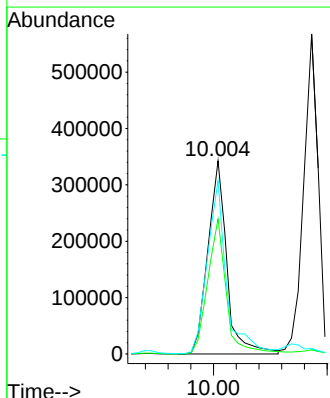
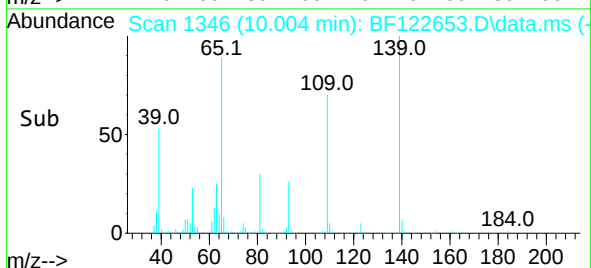
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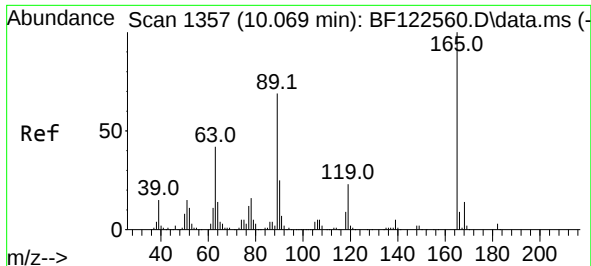


#56
4-Nitrophenol
Concen: 74.25 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

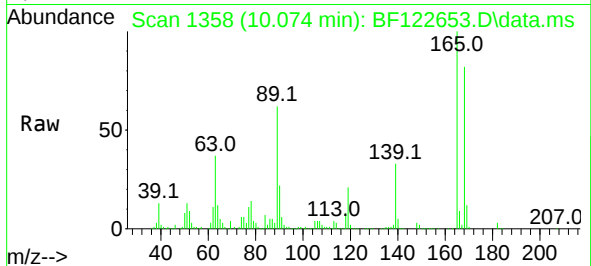


Tgt Ion:139 Resp: 395606
Ion Ratio Lower Upper
139 100
109 69.9 45.1 85.1
65 89.7 59.2 99.2

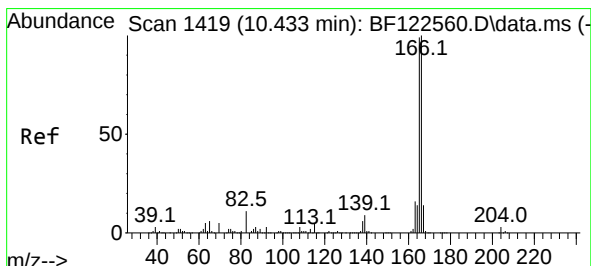
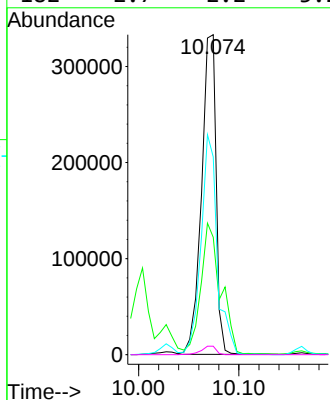
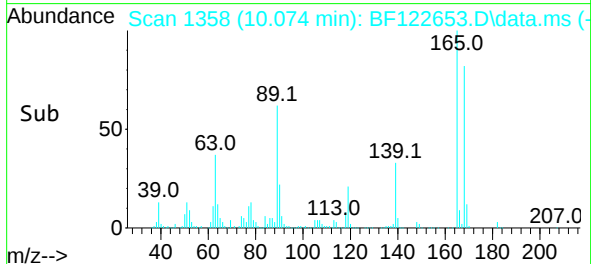




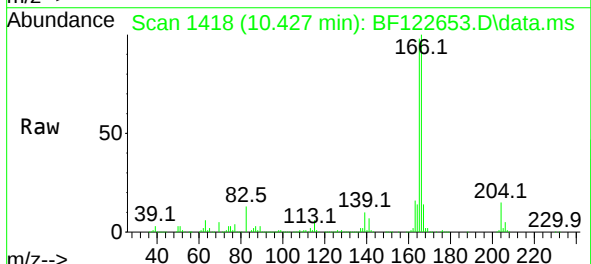
#57
2,4-Dinitrotoluene
Concen: 39.27 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



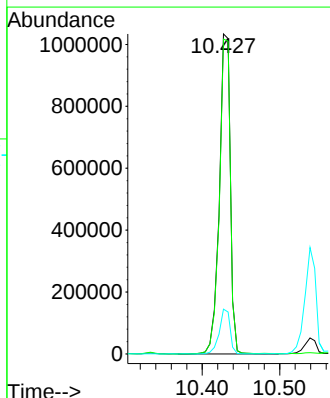
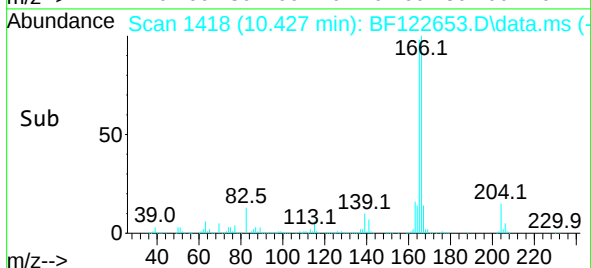
Tgt Ion:165 Resp: 338277
Ion Ratio Lower Upper
165 100
63 36.7 34.3 51.5
89 61.8 55.2 82.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 36.07 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



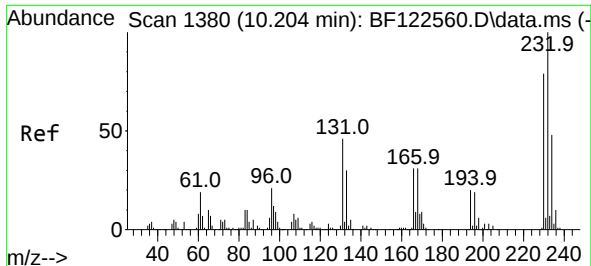
Tgt Ion:166 Resp: 1016762
Ion Ratio Lower Upper
166 100
165 98.4 79.4 119.0
167 14.0 10.9 16.3



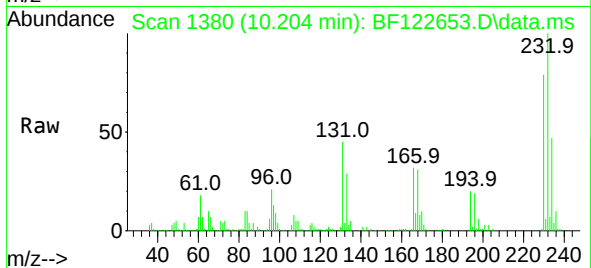
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

Manual Integrations
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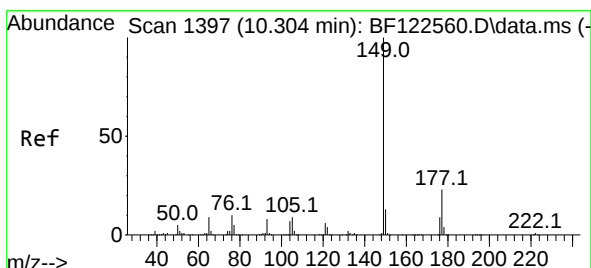
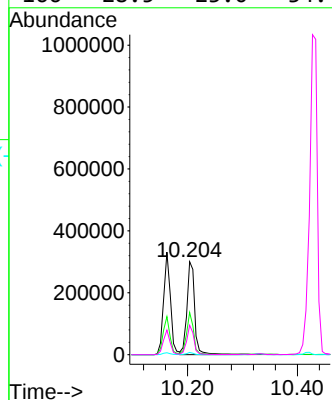
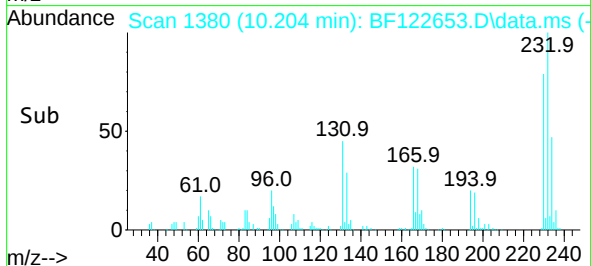
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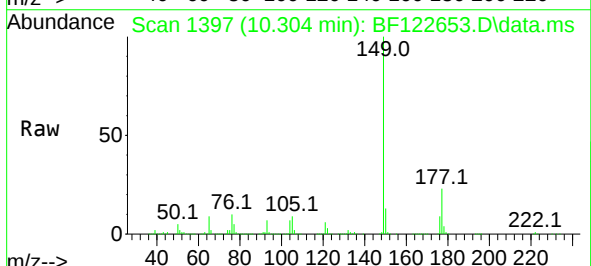
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.96 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



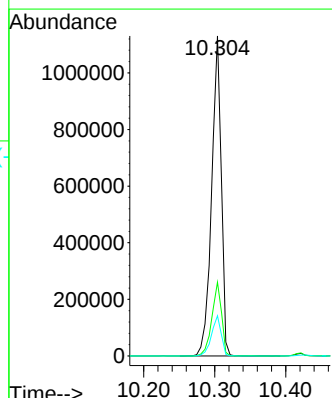
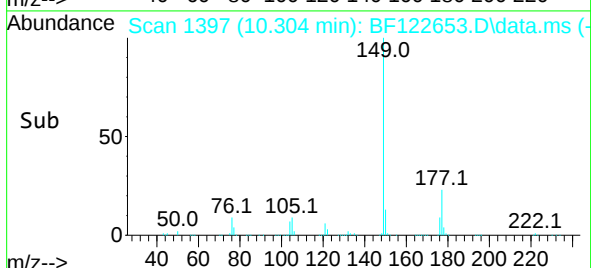
Tgt Ion:232 Resp: 294411
Ion Ratio Lower Upper
232 100
131 40.2 33.0 49.4
130 2.1 1.7 2.5
166 28.5 23.0 34.4



#60
Diethylphthalate
Concen: 35.94 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



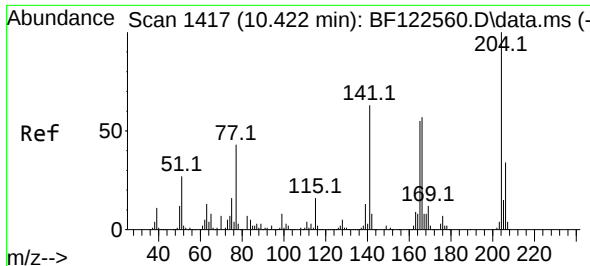
Tgt Ion:149 Resp: 1070257
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.6 10.1 15.1



Instrument :
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ClientSampleId :
BU-02-120920MSD

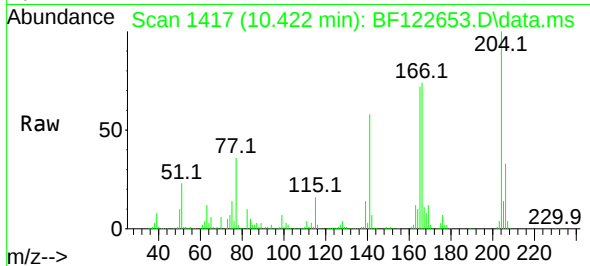
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12/11/2020 1:21:31 PM



#61
4-Chlorophenyl-phenylether
Concen: 35.06 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

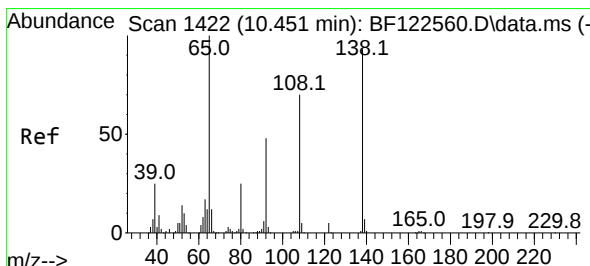
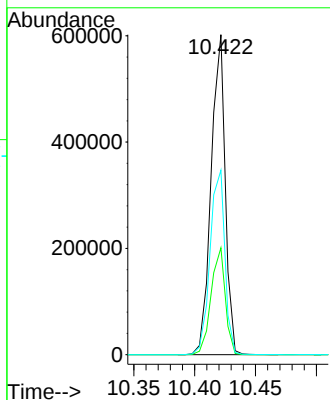
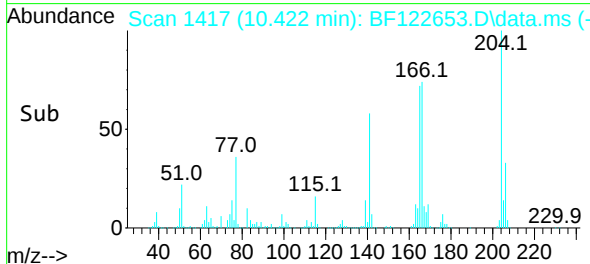
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



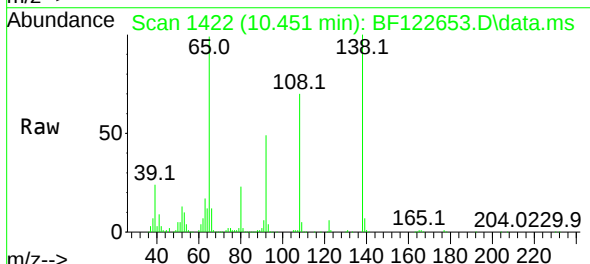
Tgt Ion:204 Resp: 486545
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 57.7 50.4 75.6

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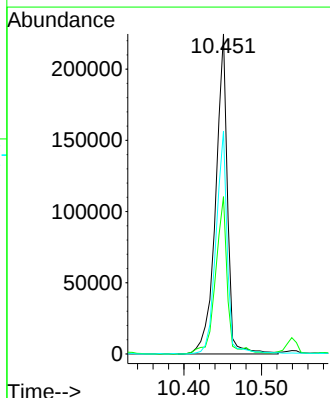
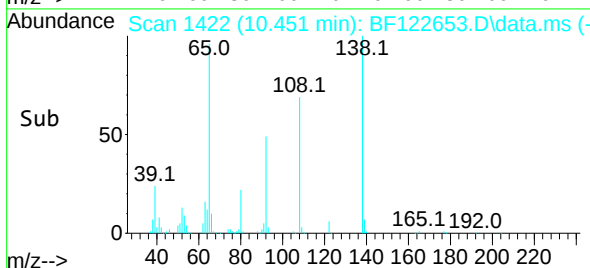
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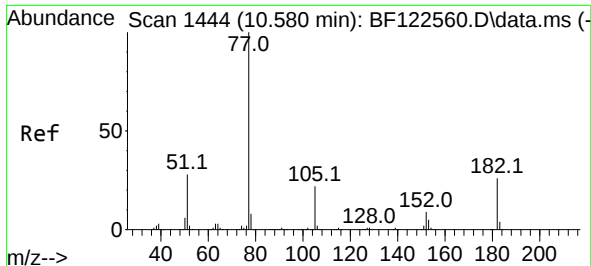


#62
4-Nitroaniline
Concen: 31.58 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

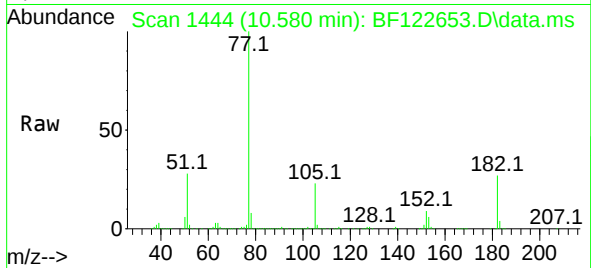


Tgt Ion:138 Resp: 239501
Ion Ratio Lower Upper
138 100
92 49.2 31.0 71.0
108 69.6 54.8 94.8

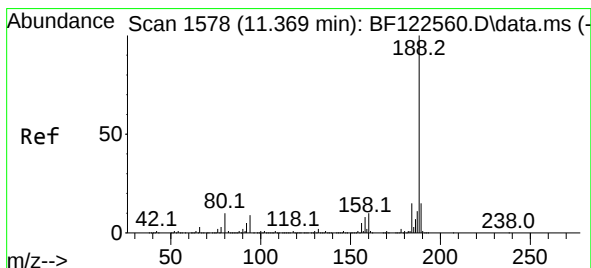
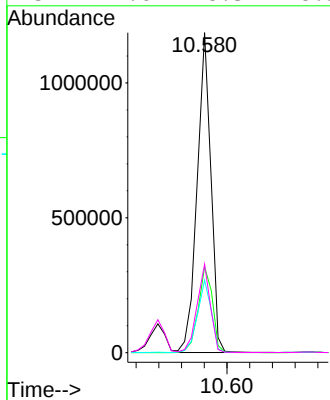
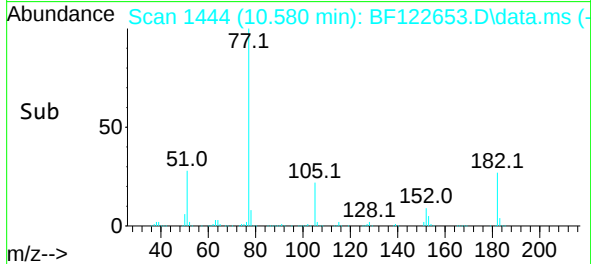




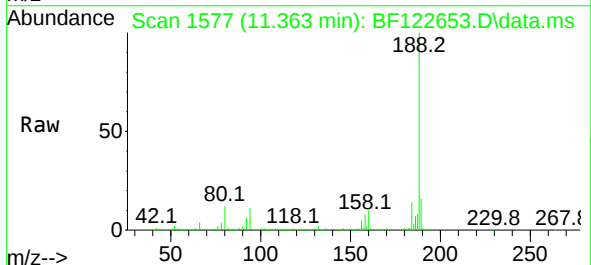
#63
Azobenzene
Concen: 36.33 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



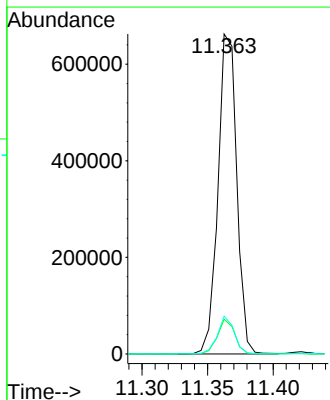
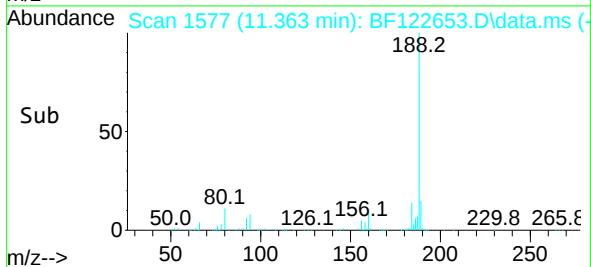
Tgt Ion:	77	Resp:	994558
Ion Ratio	100	Lower	Upper
182	26.9	5.6	45.6
105	22.6	1.8	41.8
51	27.6	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



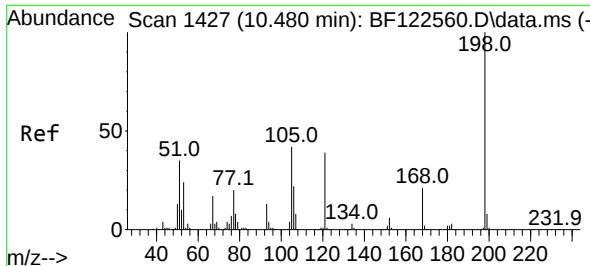
Tgt Ion:	188	Resp:	658588
Ion Ratio	100	Lower	Upper
94	10.9	7.4	11.2
80	11.8	8.2	12.4



Instrument :
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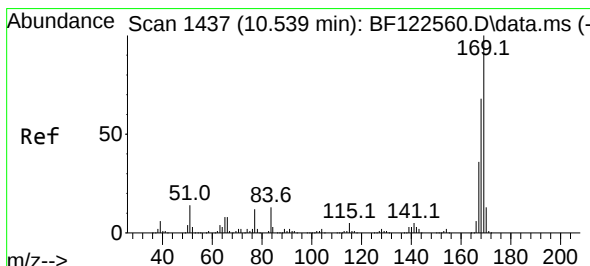
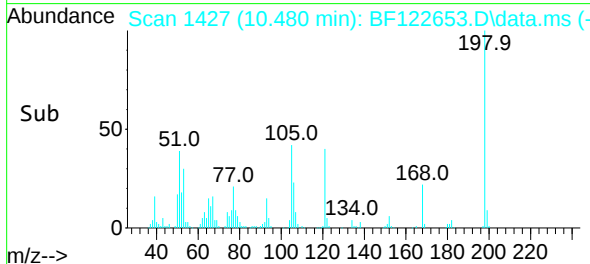
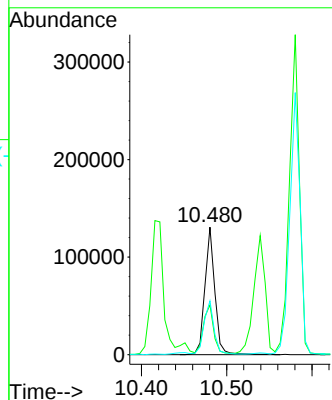
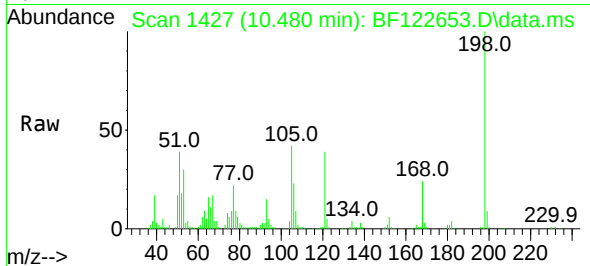
#65
4,6-Dinitro-2-methylphenol
Concen: 26.45 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:198 Resp: 106203
Ion Ratio Lower Upper
198 100
51 39.0 20.3 60.3
105 42.1 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

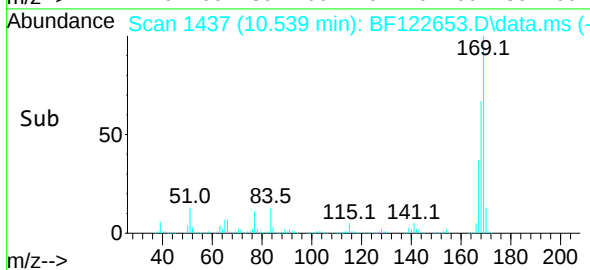
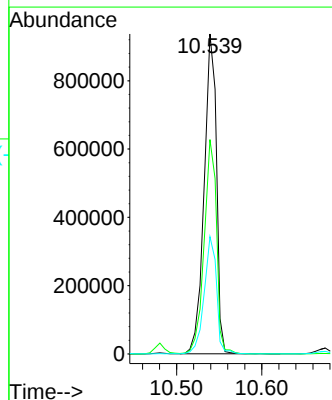
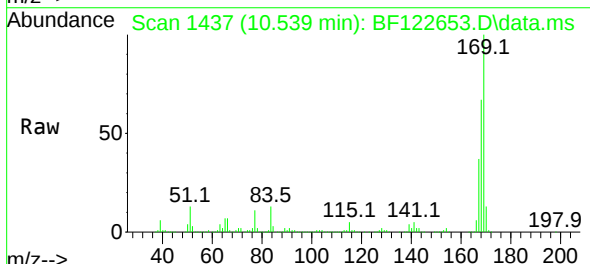
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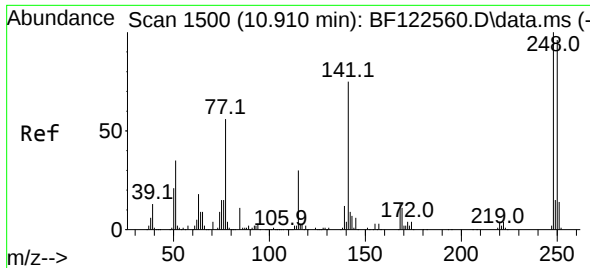
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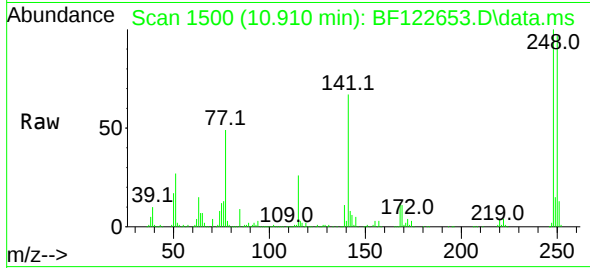
#66
n-Nitrosodiphenylamine
Concen: 40.34 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:169 Resp: 938643
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 36.7 29.2 43.8

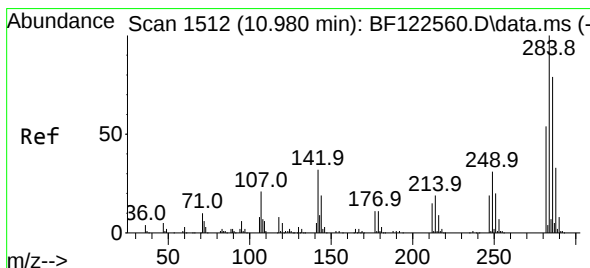
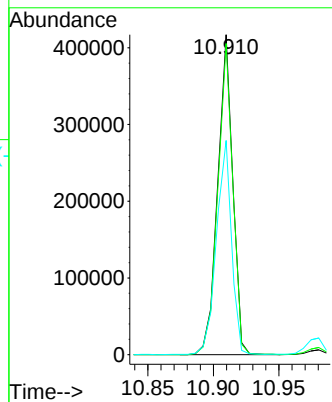
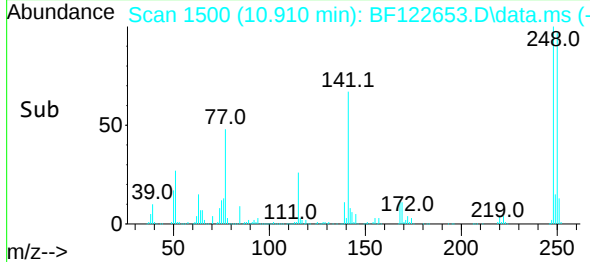




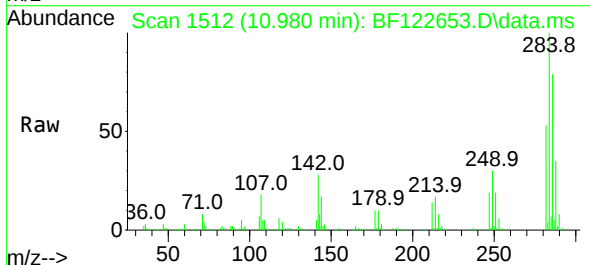
#67
4-Bromophenyl-phenylether
Concen: 37.31 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



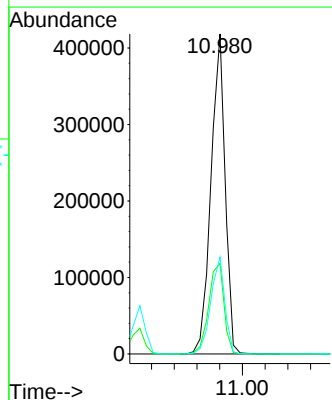
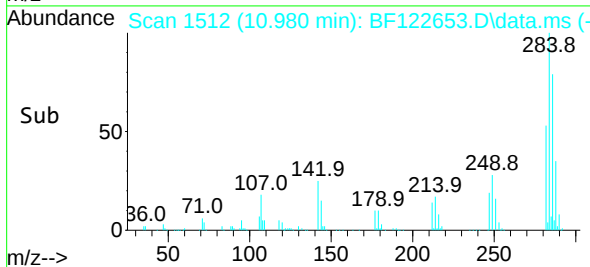
Tgt Ion:248 Resp: 332968
Ion Ratio Lower Upper
248 100
250 97.3 76.8 115.2
141 67.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 36.66 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



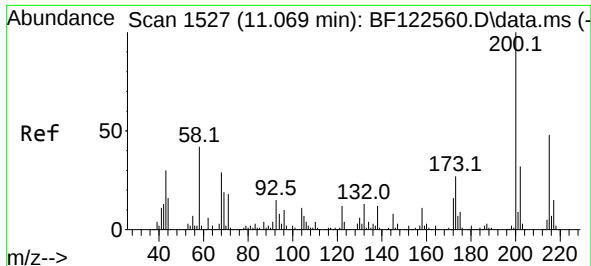
Tgt Ion:284 Resp: 361669
Ion Ratio Lower Upper
284 100
142 28.3 25.6 38.4
249 30.3 25.1 37.7



Instrument :
BNA_F
ClientSampleId :
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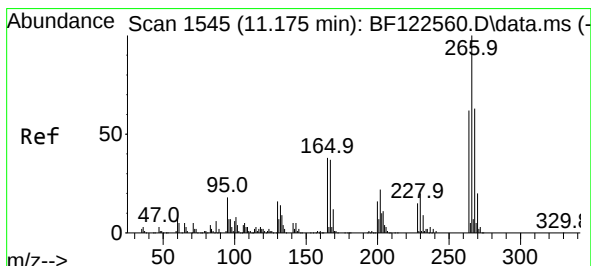
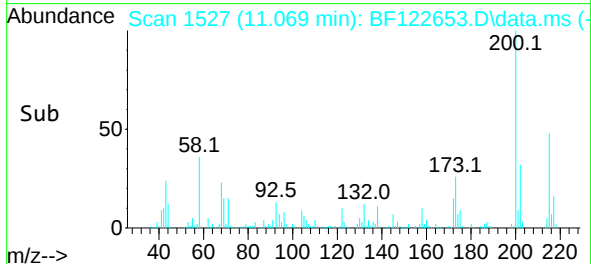
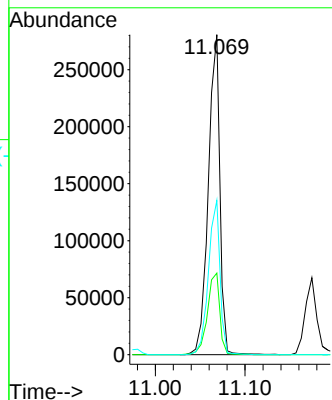
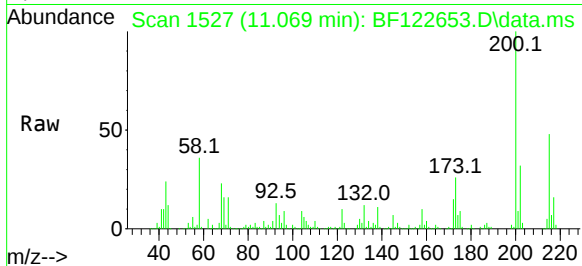
#69
Atrazine
Concen: 33.23 ng
RT: 11.069 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:200 Resp: 251143
Ion Ratio Lower Upper
200 100
173 25.5 6.6 46.6
215 48.2 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

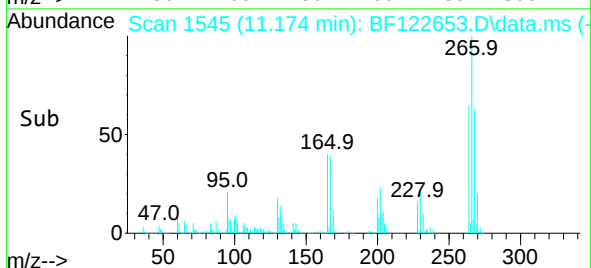
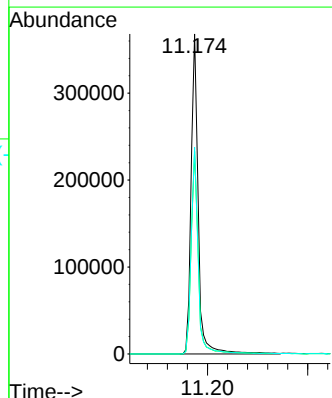
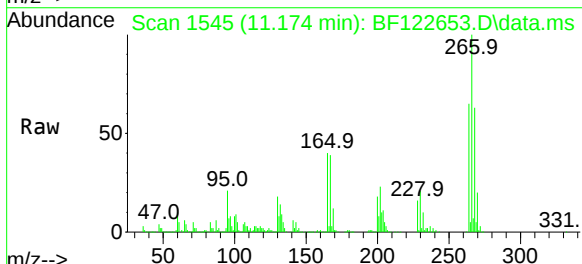
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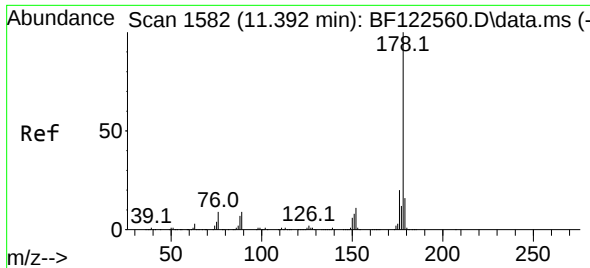
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#70
Pentachlorophenol
Concen: 69.70 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:266 Resp: 364338
Ion Ratio Lower Upper
266 100
268 63.3 50.5 75.7
264 64.6 49.8 74.8





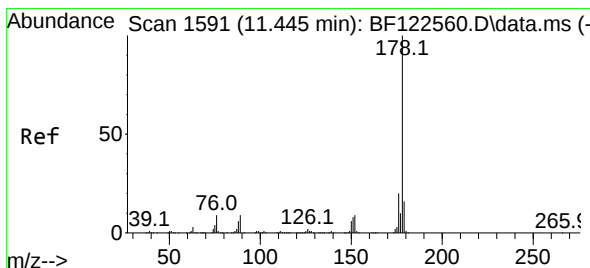
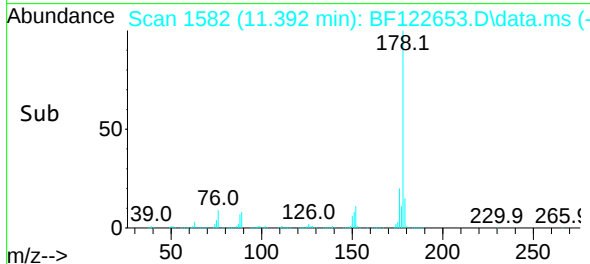
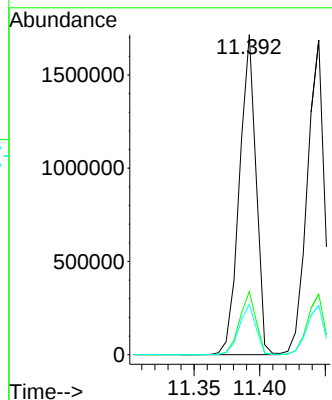
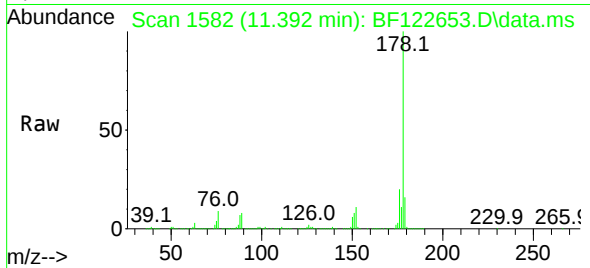
#71
Phenanthrene
Concen: 38.72 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:178 Resp: 1515505
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 15.7 12.7 19.1

Instrument :
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ClientSampleId :
BU-02-120920MSD

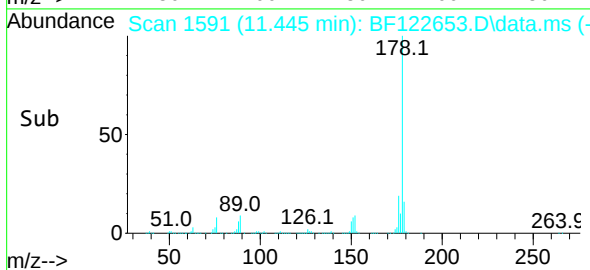
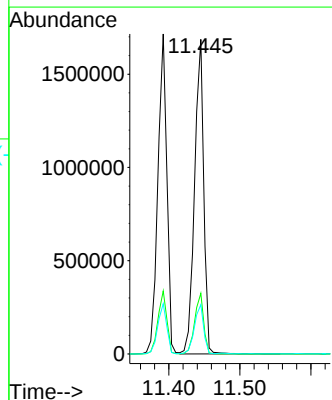
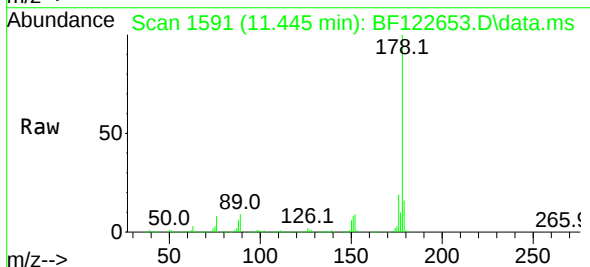
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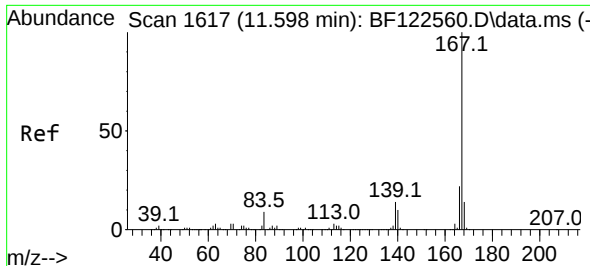
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#72
Anthracene
Concen: 39.17 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

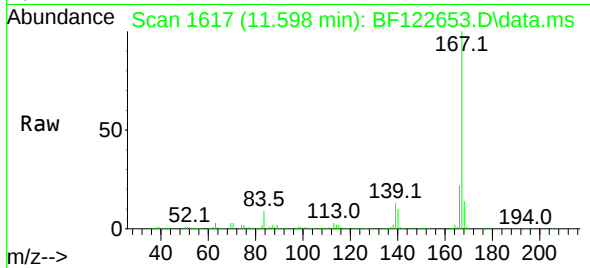
Tgt Ion:178 Resp: 1520241
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.8 19.2





#73
 Carbazole
 Concen: 37.55 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF122653.D
 Acq: 10 Dec 2020 18:47

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-120920MSD

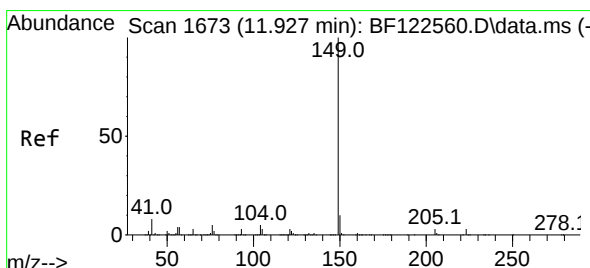
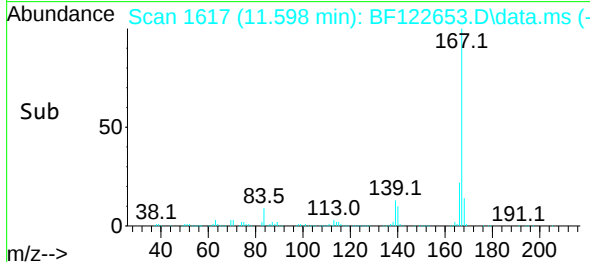
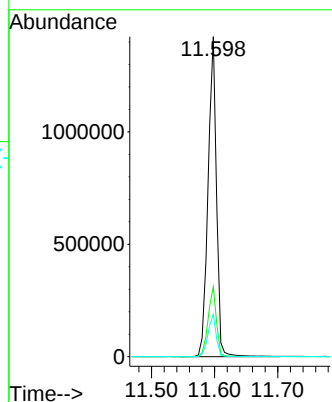


Tgt Ion:167 Resp: 1321548

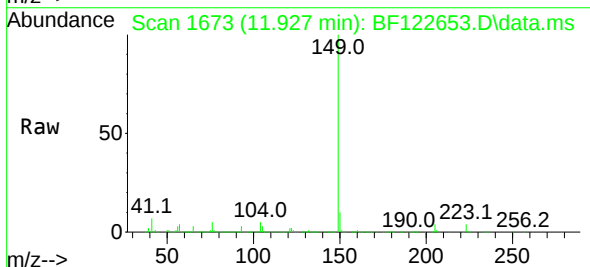
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.0	27.0
139	13.3	10.9	16.3

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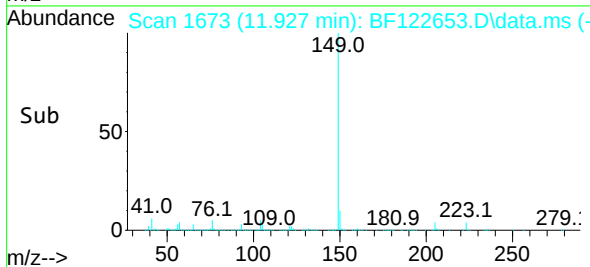
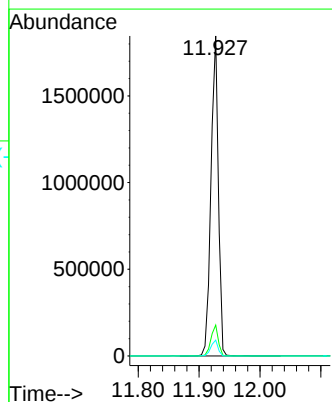


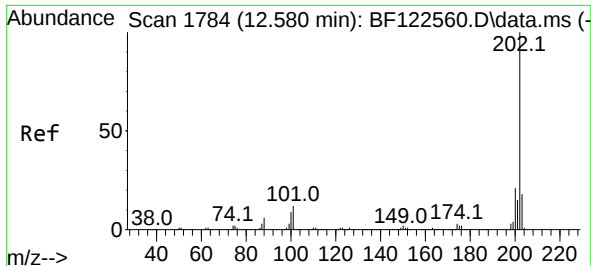
#74
 Di-n-butylphthalate
 Concen: 35.27 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF122653.D
 Acq: 10 Dec 2020 18:47



Tgt Ion:149 Resp: 1559806

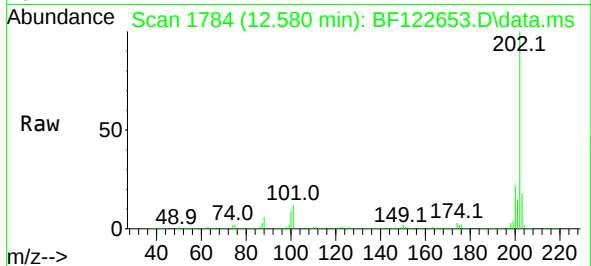
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	4.2	6.4





#75
Fluoranthene
Concen: 36.85 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

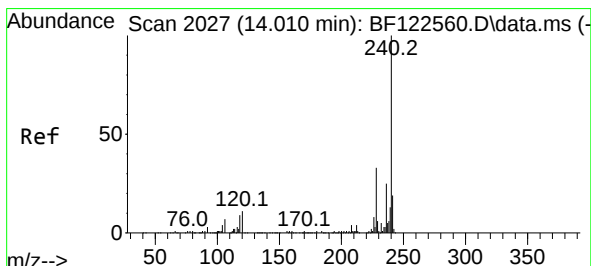
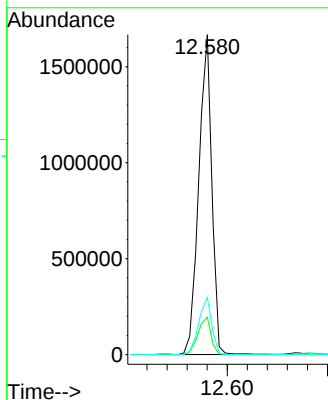
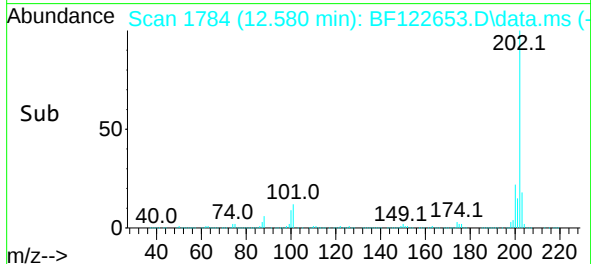
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



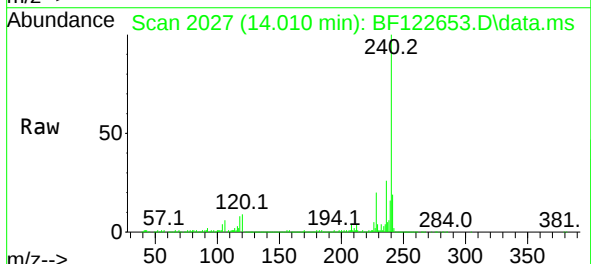
Tgt Ion:202 Resp: 1512685
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.2
203 17.9 0.0 38.1

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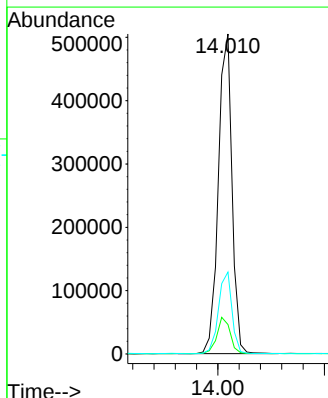
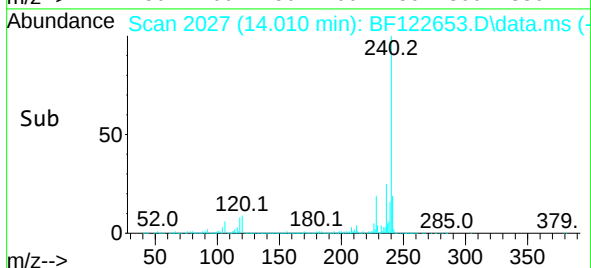
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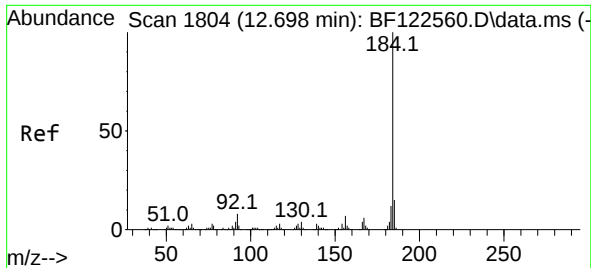


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion:240 Resp: 447789
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.6 20.3 30.5





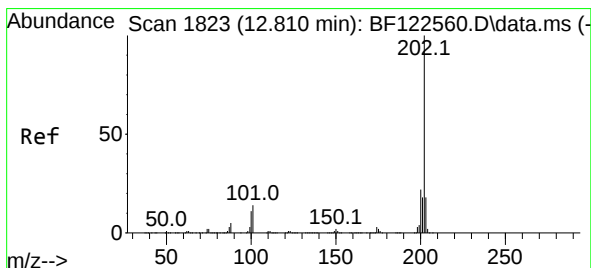
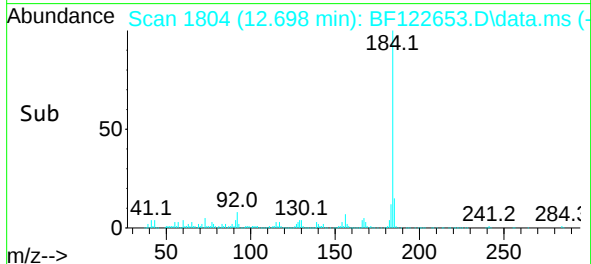
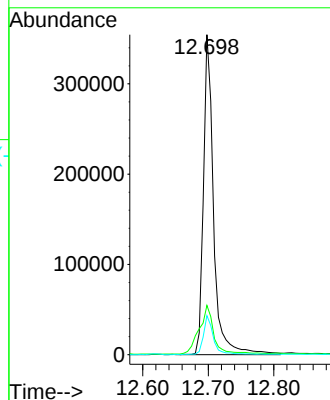
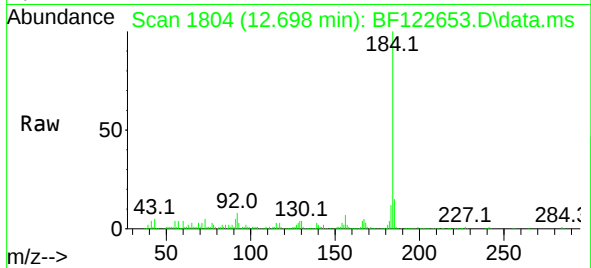
#77
Benzidine
Concen: 39.54 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:184 Resp: 383020
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.6
183 12.2 9.7 14.5

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

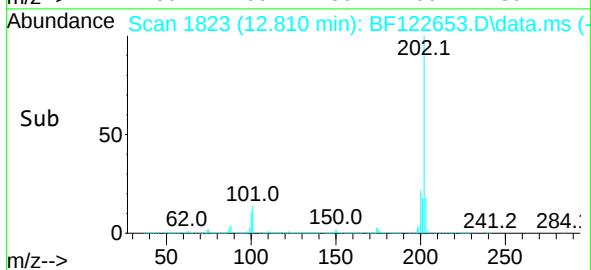
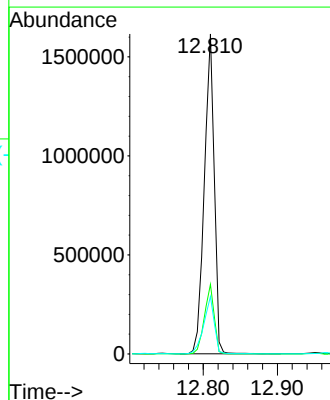
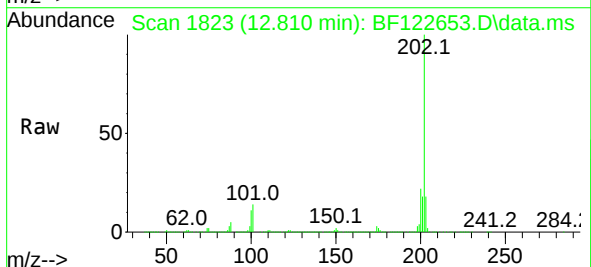
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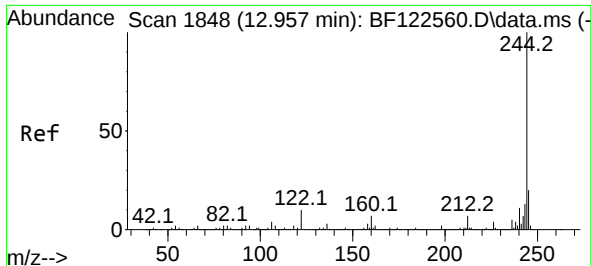
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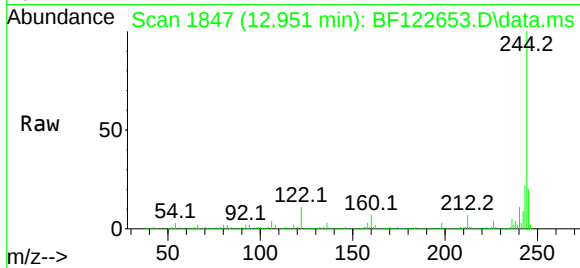
#78
Pyrene
Concen: 43.52 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:202 Resp: 1506807
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.9 14.6 21.8

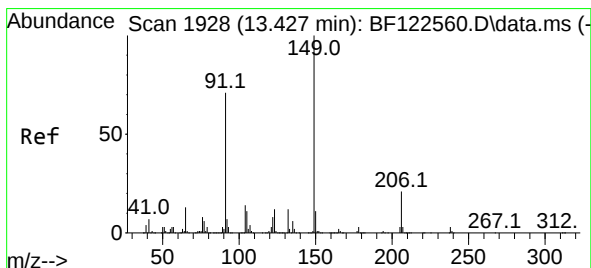
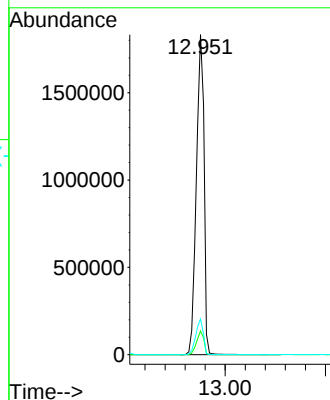
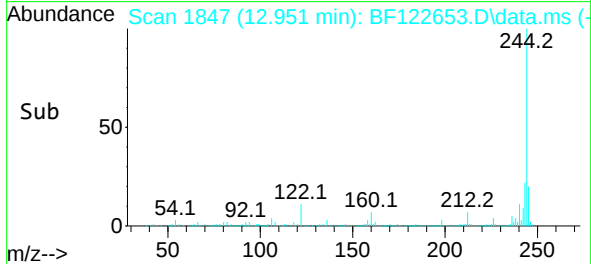




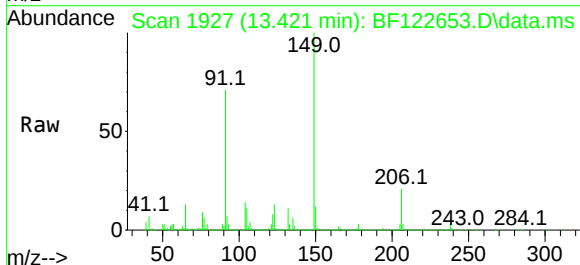
#79
Terphenyl-d14
Concen: 75.87 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



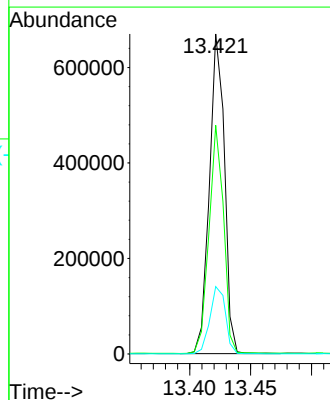
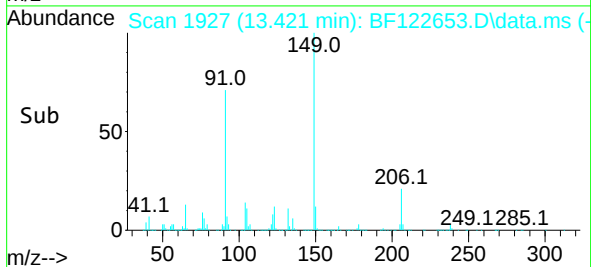
Tgt Ion:244 Resp: 1940883
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.1 8.3 12.5



#80
Butylbenzylphthalate
Concen: 37.05 ng
RT: 13.421 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



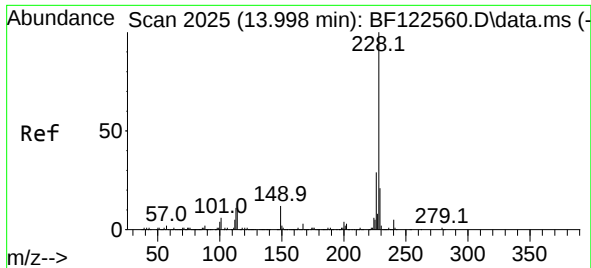
Tgt Ion:149 Resp: 577786
Ion Ratio Lower Upper
149 100
91 71.5 56.5 84.7
206 21.0 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

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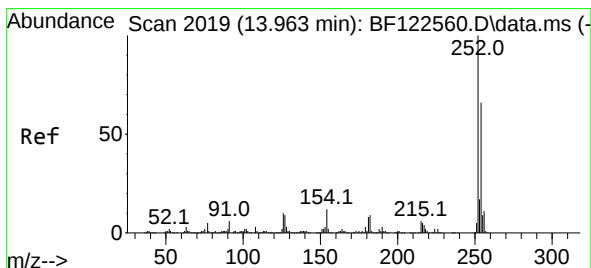
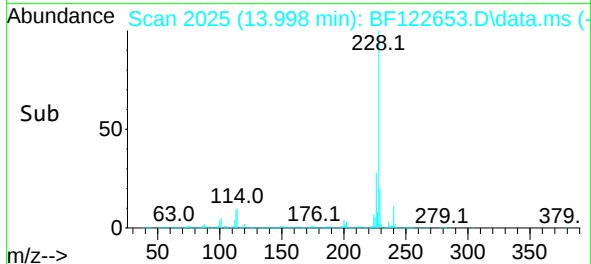
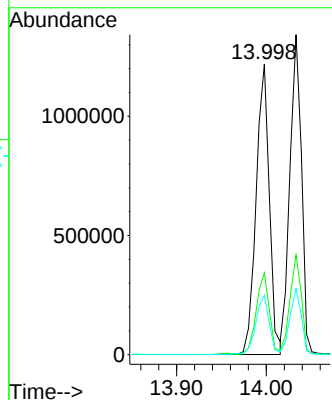
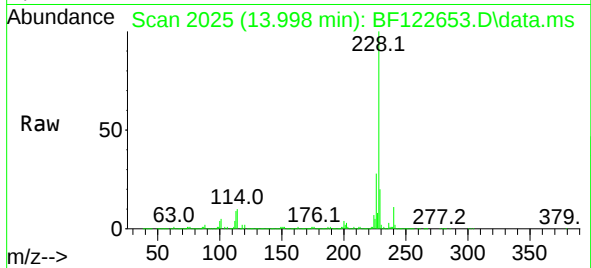
#81
Benzo(a)anthracene
Concen: 41.63 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:228 Resp: 1245914
Ion Ratio Lower Upper
228 100
226 28.1 23.0 34.4
229 20.4 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

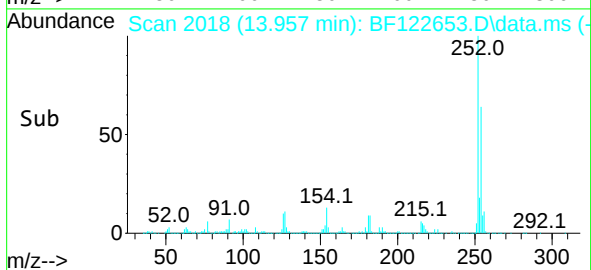
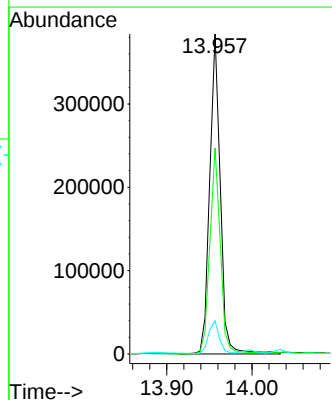
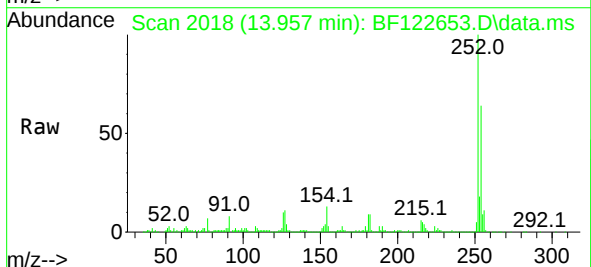
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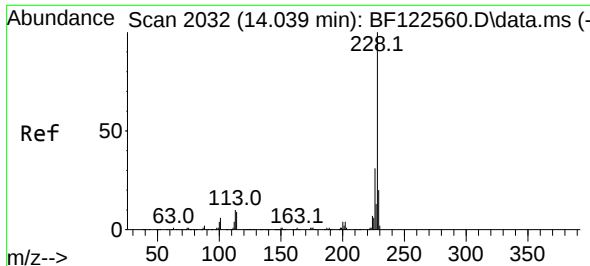
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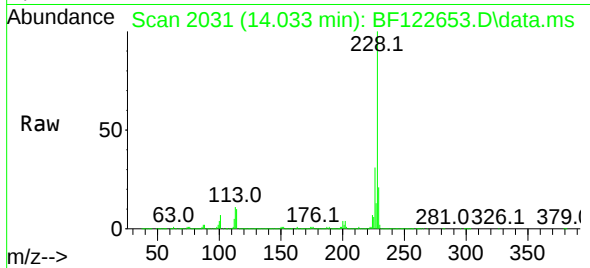
#82
3,3'-Dichlorobenzidine
Concen: 31.04 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:252 Resp: 332751
Ion Ratio Lower Upper
252 100
254 64.4 52.7 79.1
126 10.3 8.0 12.0

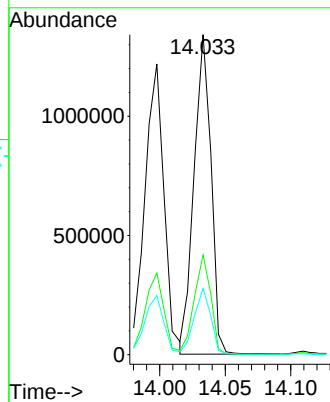
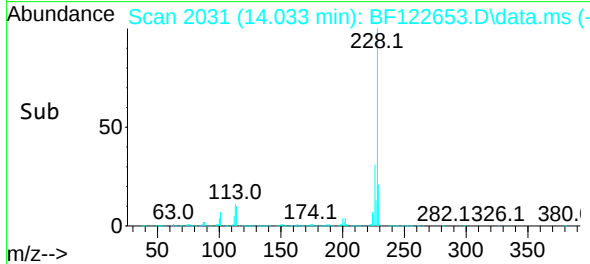




#83
Chrysene
Concen: 40.52 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



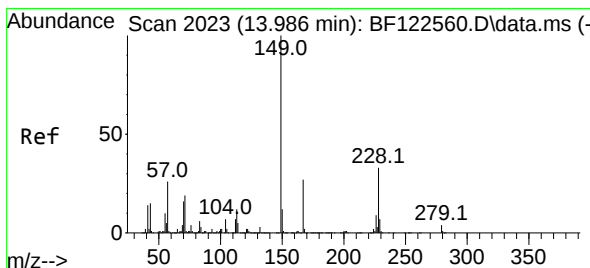
Tgt Ion:228 Resp: 1206755
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 20.6 15.8 23.6



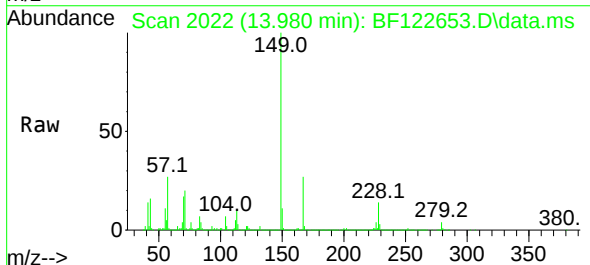
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

Manual Integrations
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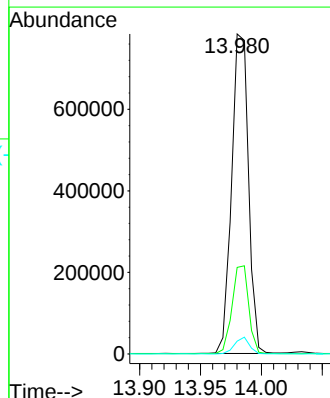
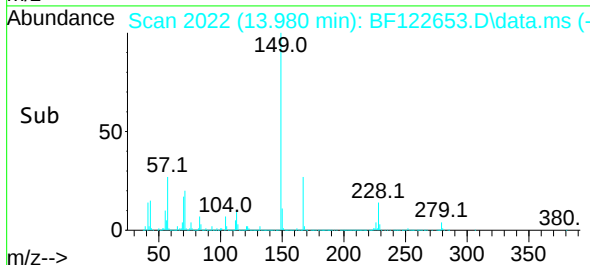
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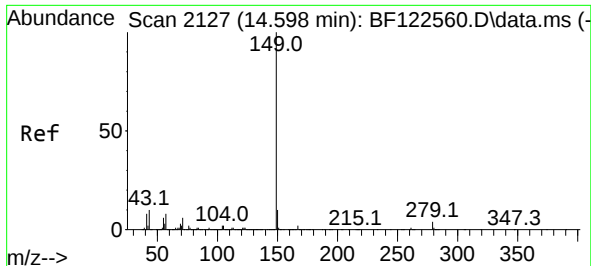


#84
Bis(2-ethylhexyl)phthalate
Concen: 35.43 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion:149 Resp: 756598
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.2
279 4.0 3.4 5.0





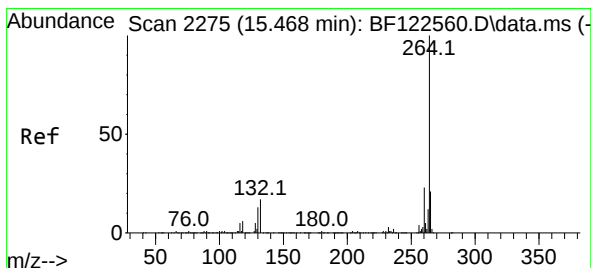
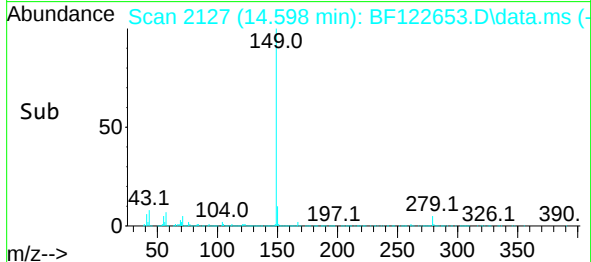
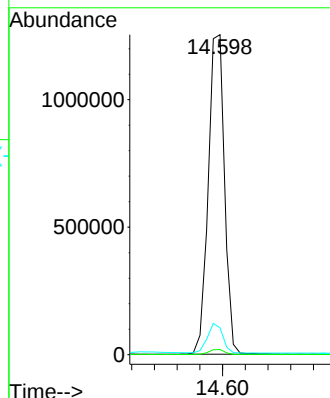
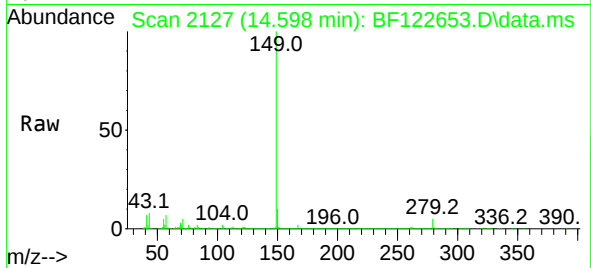
#85
Di-n-octyl phthalate
Concen: 35.07 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:149 Resp: 1242149
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.8 7.6 11.4

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

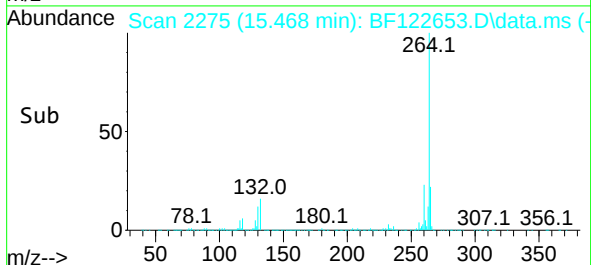
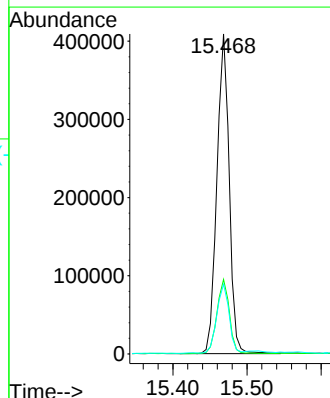
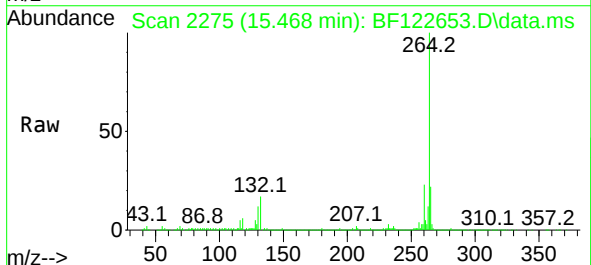
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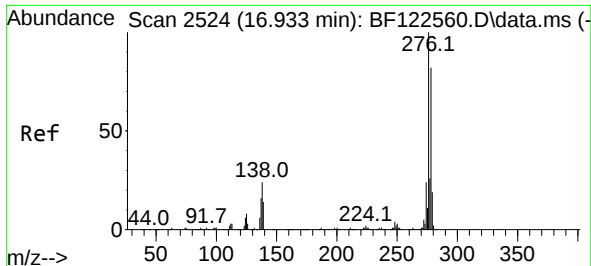
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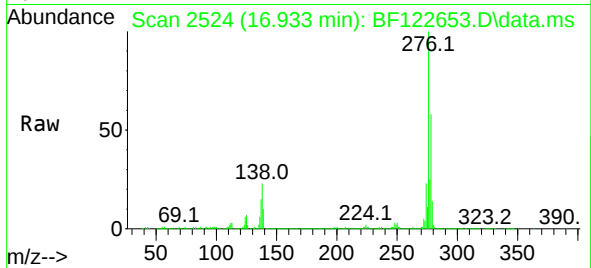
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

Tgt Ion:264 Resp: 470457
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.8 17.0 25.6

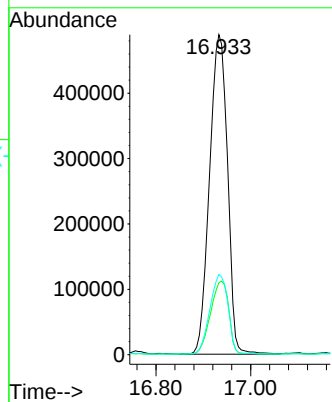
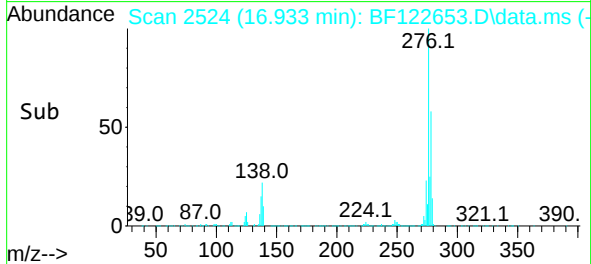




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.66 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



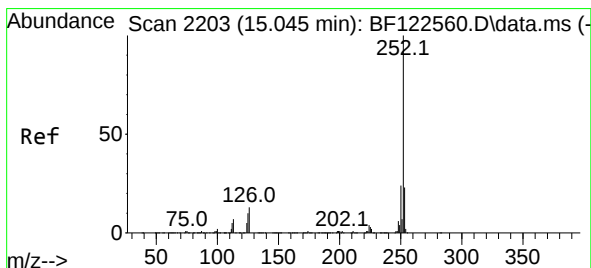
Tgt Ion: 276 Resp: 1286531
Ion Ratio Lower Upper
276 100
138 23.2 18.7 28.1
277 25.2 20.2 30.4



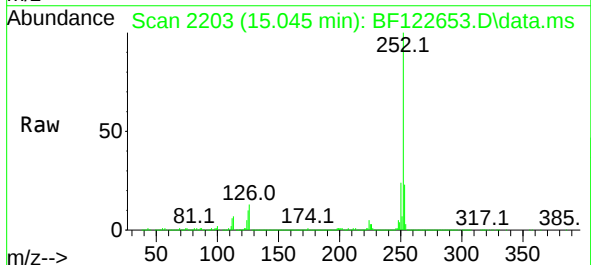
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

Manual Integrations
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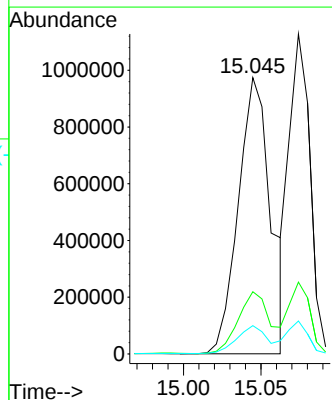
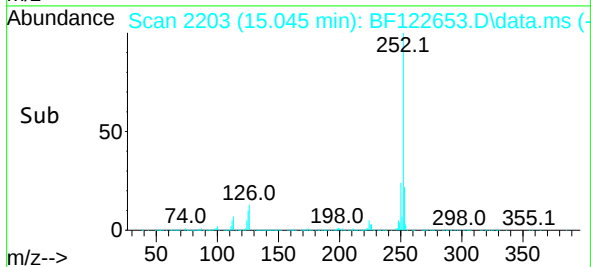
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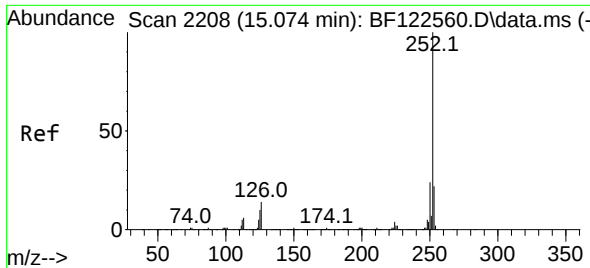


#88
Benzo(b)fluoranthene
Concen: 42.76 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



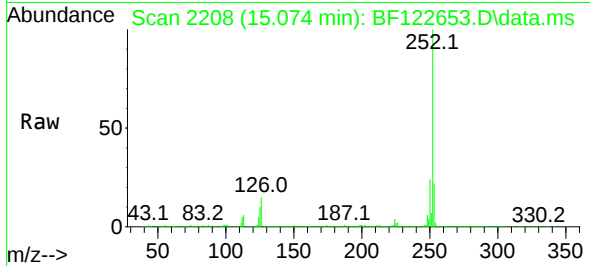
Tgt Ion: 252 Resp: 1411446
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 10.3 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 35.10 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

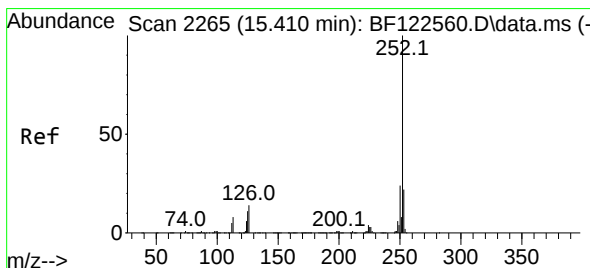
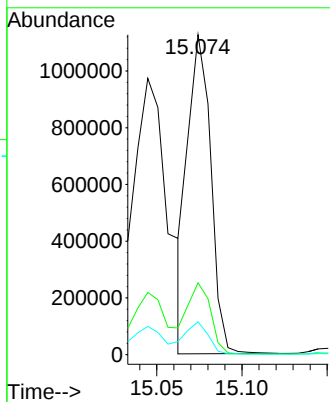
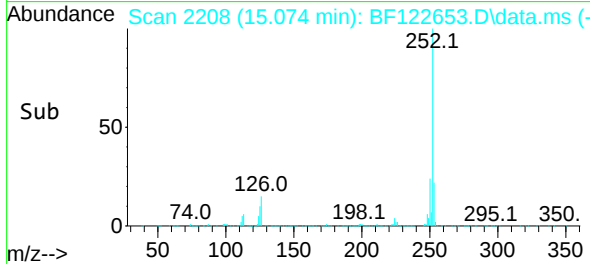
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ClientSampleId :
BU-02-120920MSD



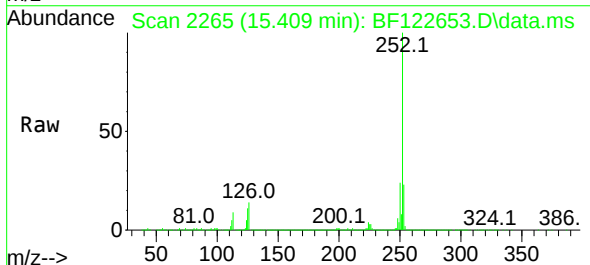
Tgt Ion:252 Resp: 1059335
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.3 8.4 12.6

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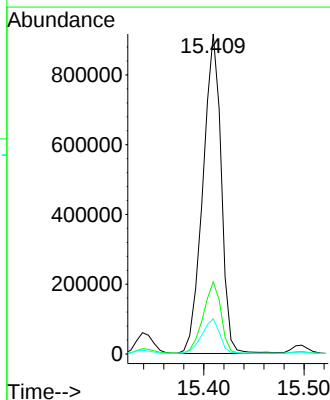
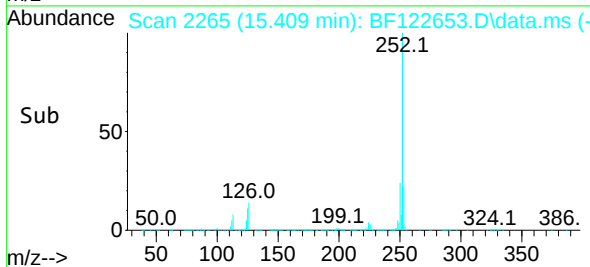
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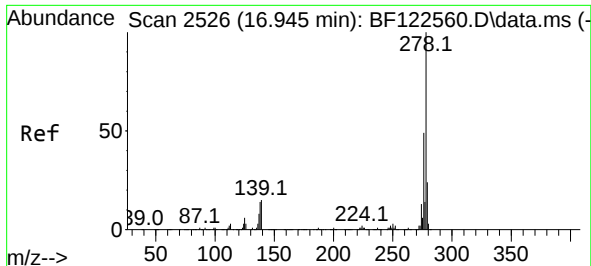


#90
Benzo(a)pyrene
Concen: 40.34 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



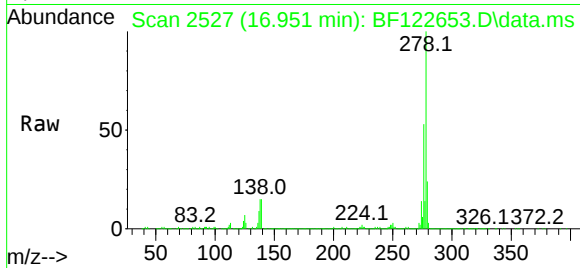
Tgt Ion:252 Resp: 1164969
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.0 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 40.90 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47

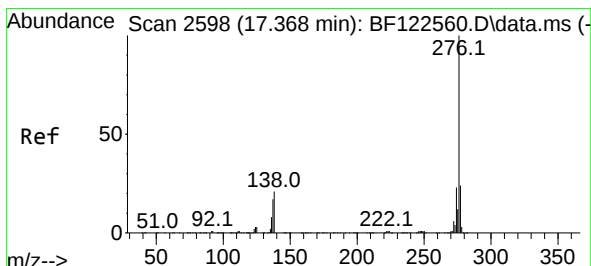
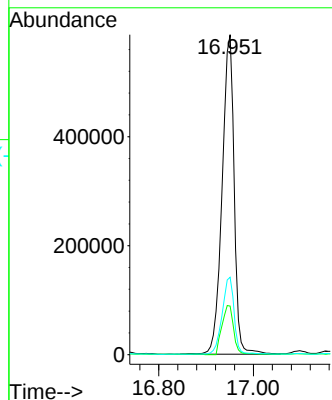
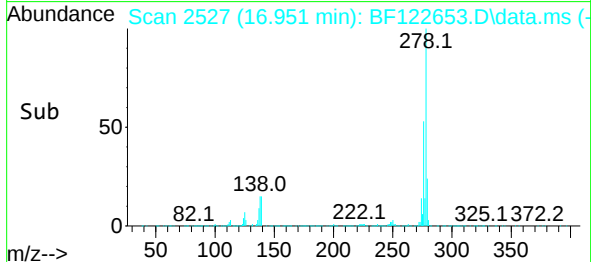
Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD



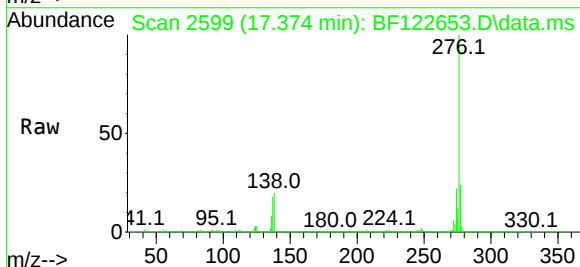
Tgt Ion:278 Resp: 1033624
Ion Ratio Lower Upper
278 100
139 15.2 12.0 18.0
279 24.2 19.4 29.2

Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:31 PM



#92
Benzo(g,h,i)perylene
Concen: 43.78 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF122653.D
Acq: 10 Dec 2020 18:47



Tgt Ion:276 Resp: 1070896
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 19.9 16.6 24.8

