

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129941.D
 Acq On : 22 Aug 2022 15:31
 Operator : CG\JU
 Sample : N4142-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-NORTHMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/23/2022
 Supervised By : Sohil Jodhani 08/23/2022

Quant Time: Aug 23 04:47:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	143664	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	594380	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	311040	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	504859	20.000	ng	0.00
76) Chrysene-d12	13.951	240	335900	20.000	ng	0.00
86) Perylene-d12	15.404	264	275110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	978056	112.719	ng	0.02
7) Phenol-d6	6.440	99	1267851	116.681	ng	0.00
23) Nitrobenzene-d5	7.351	82	820826	73.926	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	348569	111.658	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1493046	72.905	ng	0.00
79) Terphenyl-d14	12.886	244	1531269	75.854	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	148823	41.573	ng	95
3) Pyridine	3.363	79	374901	40.019	ng	96
4) n-Nitrosodimethylamine	3.316	42	226038	52.356	ng	89
6) Aniline	6.446	93	516464	41.703	ng	93
8) 2-Chlorophenol	6.575	128	444943	46.063	ng	97
9) Benzaldehyde	6.334	77	283219	50.425	ng	97
10) Phenol	6.451	94	548517	46.020	ng	92
11) bis(2-Chloroethyl)ether	6.516	93	424363	46.886	ng	97
12) 1,3-Dichlorobenzene	6.716	146	465544	44.643	ng	99
13) 1,4-Dichlorobenzene	6.793	146	472589	44.353	ng	98
14) 1,2-Dichlorobenzene	6.946	146	449059	45.377	ng	98
15) Benzyl Alcohol	6.934	79	403663	49.209	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	597185	49.240	ng	91
17) 2-Methylphenol	7.051	107	359443	46.344	ng	98
18) Hexachloroethane	7.281	117	187187	46.782	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	332012	48.340	ng	99
20) 3+4-Methylphenols	7.204	107	467710	44.924	ng	# 88
22) Acetophenone	7.193	105	656411	45.318	ng	97
24) Nitrobenzene	7.369	77	486623	43.464	ng	95
25) Isophorone	7.610	82	890577	46.602	ng	99
26) 2-Nitrophenol	7.681	139	238387	43.287	ng	93
27) 2,4-Dimethylphenol	7.728	122	385215	48.774	ng	94
28) bis(2-Chloroethoxy)met...	7.810	93	533828	47.842	ng	98
29) 2,4-Dichlorophenol	7.934	162	369437	42.778	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	377427	41.427	ng	97
31) Naphthalene	8.081	128	1287638	41.433	ng	100
32) Benzoic acid	7.893	122	173121	48.600	ng	90
33) 4-Chloroaniline	8.140	127	429532	35.146	ng	96
34) Hexachlorobutadiene	8.187	225	237266	42.769	ng	99
35) Caprolactam	8.534	113	104792m	39.020	ng	
36) 4-Chloro-3-methylphenol	8.640	107	410047	44.012	ng	98
37) 2-Methylnaphthalene	8.775	142	853079	41.823	ng	100
38) 1-Methylnaphthalene	8.869	142	813481	41.037	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	380139	43.941	ng	98
41) Hexachlorocyclopentadiene	8.916	237	294337	94.468	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	235956	41.979	ng	97

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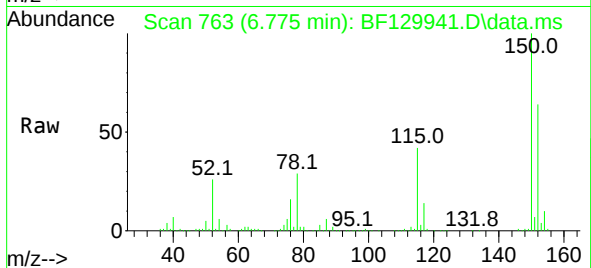
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	250237	41.381	ng	97
46) 1,1'-Biphenyl	9.239	154	1045861	44.261	ng	99
47) 2-Chloronaphthalene	9.263	162	800072	42.793	ng	98
48) 2-Nitroaniline	9.375	65	265788	44.984	ng	98
49) Acenaphthylene	9.681	152	1193213	42.087	ng	100
50) Dimethylphthalate	9.545	163	918680	41.201	ng	100
51) 2,6-Dinitrotoluene	9.616	165	203028	41.975	ng	96
52) Acenaphthene	9.851	154	729714	42.423	ng	100
53) 3-Nitroaniline	9.787	138	167046	31.229	ng	87
54) 2,4-Dinitrophenol	9.910	184	178037	81.317	ng	98
55) Dibenzofuran	10.022	168	1085729	42.015	ng	94
56) 4-Nitrophenol	9.981	139	209919	88.214	ng	85
57) 2,4-Dinitrotoluene	10.028	165	267170	42.551	ng	97
58) Fluorene	10.369	166	884691	41.002	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	188891	42.563	ng	# 79
60) Diethylphthalate	10.239	149	927494	41.717	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	416770	43.042	ng	98
62) 4-Nitroaniline	10.416	138	207720m	38.493	ng	
63) Azobenzene	10.516	77	905178	42.594	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	125408	42.313	ng	89
66) n-Nitrosodiphenylamine	10.481	169	755650	44.346	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	260062	43.980	ng	98
68) Hexachlorobenzene	10.916	284	286276	44.693	ng	97
69) Atrazine	11.010	200	244134	46.679	ng	98
70) Pentachlorophenol	11.122	266	167024	86.538	ng	98
71) Phenanthrene	11.333	178	1207310	42.818	ng	99
72) Anthracene	11.386	178	1238775	44.179	ng	99
73) Carbazole	11.545	167	1113969	43.765	ng	99
74) Di-n-butylphthalate	11.857	149	1466024	44.752	ng	99
75) Fluoranthene	12.522	202	1211481	41.988	ng	99
77) Benzidine	12.645	184	492184	63.217	ng	100
78) Pyrene	12.751	202	1234589	42.296	ng	100
80) Butylbenzylphthalate	13.357	149	556657	45.068	ng	92
81) Benzo(a)anthracene	13.939	228	961438	41.608	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	290647	40.614	ng	# 97
83) Chrysene	13.980	228	903026	41.749	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	775826	52.944	ng	99
85) Di-n-octyl phthalate	14.522	149	1121887	55.460	ng	98
87) Indeno(1,2,3-cd)pyrene	16.863	276	800106	42.363	ng	99
88) Benzo(b)fluoranthene	14.980	252	835023	44.326	ng	99
89) Benzo(k)fluoranthene	15.010	252	758219	41.969	ng	99
90) Benzo(a)pyrene	15.345	252	674328	45.455	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	692552	44.441	ng	98
92) Benzo(g,h,i)perylene	17.298	276	690578	44.418	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

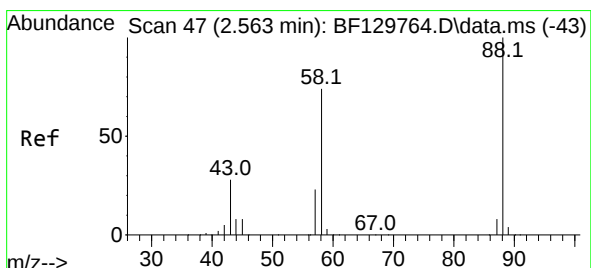
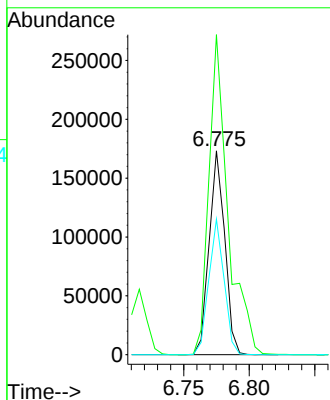
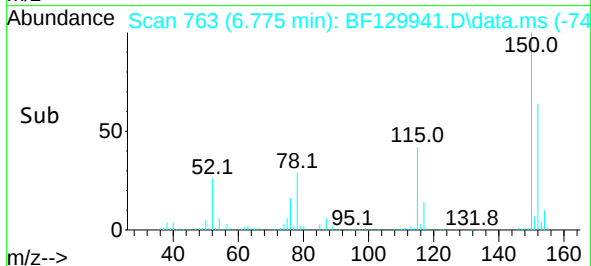
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion: 152 Resp: 143664
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 66.5 53.4 80.0

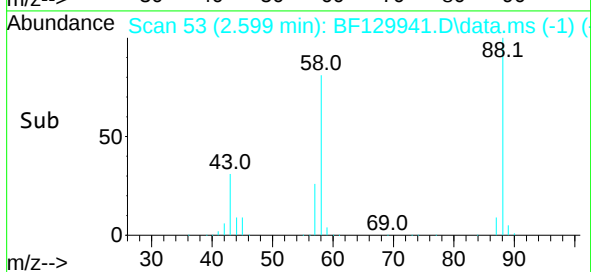
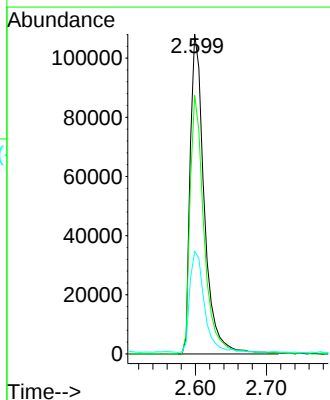
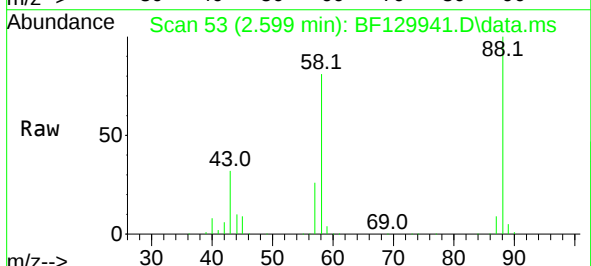
Manual Integrations
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Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#2
1,4-Dioxane
Concen: 41.573 ng
RT: 2.599 min Scan# 53
Delta R.T. 0.118 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

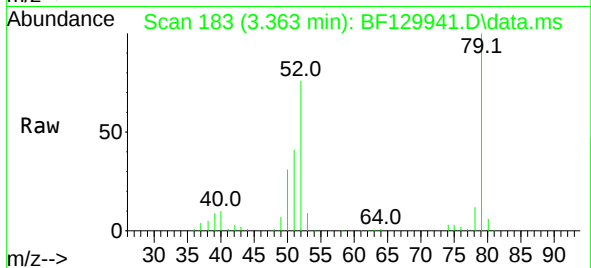
Tgt Ion: 88 Resp: 148823
Ion Ratio Lower Upper
88 100
58 80.5 60.9 91.3
43 32.8 23.6 35.4





#3
Pyridine
Concen: 40.019 ng
RT: 3.363 min Scan# 11
Delta R.T. 0.118 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

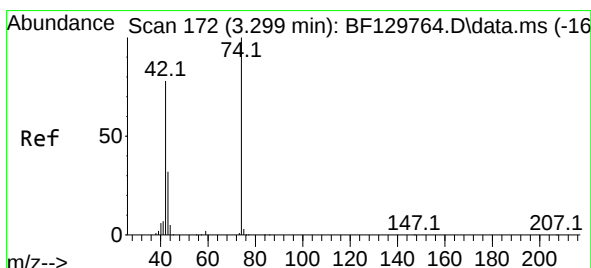
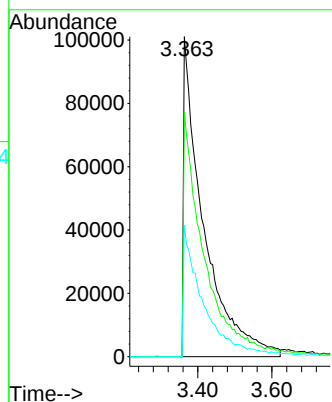
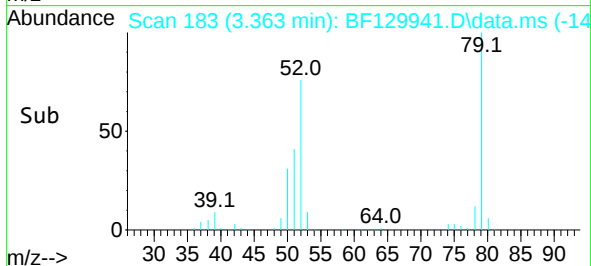
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BNA_F
ClientSampleId :
UST-NORTHMS



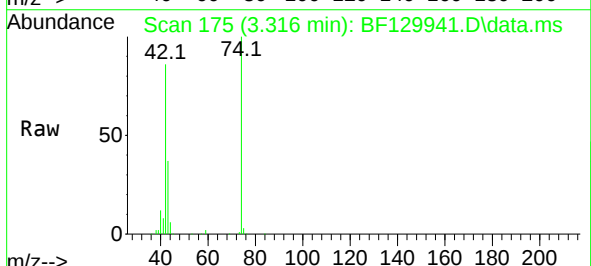
Tgt Ion: 79 Resp: 37490
Ion Ratio Lower Upper
79 100
52 76.3 59.4 89.2
51 41.1 29.5 44.3

Manual Integrations
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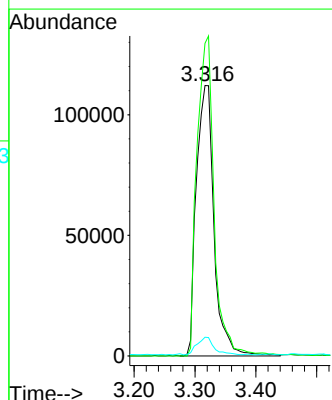
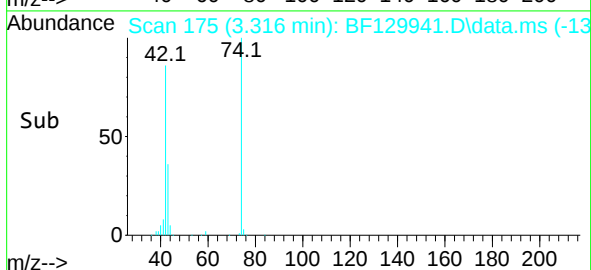
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#4
n-Nitrosodimethylamine
Concen: 52.356 ng
RT: 3.316 min Scan# 175
Delta R.T. 0.112 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



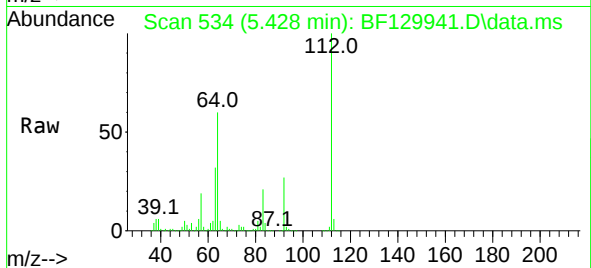
Tgt Ion: 42 Resp: 226038
Ion Ratio Lower Upper
42 100
74 115.7 103.1 154.7
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 112.719 ng
RT: 5.428 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

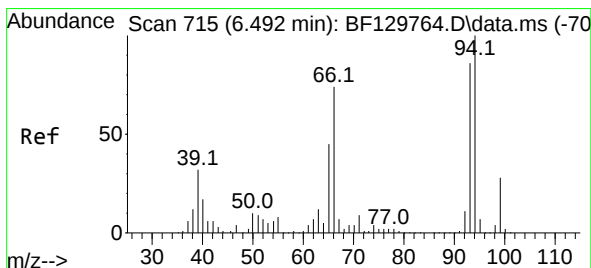
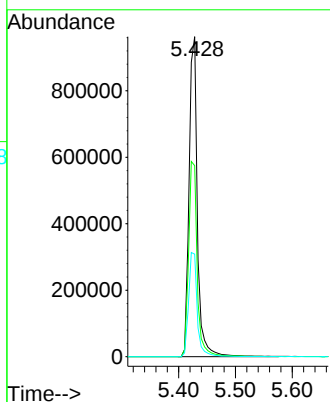
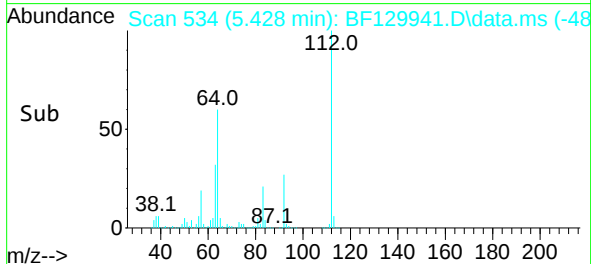
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion: 112 Resp: 978050
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 32.0 24.6 37.0

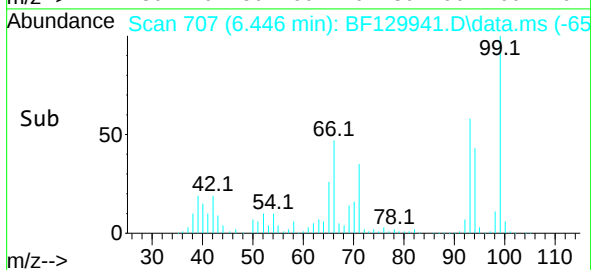
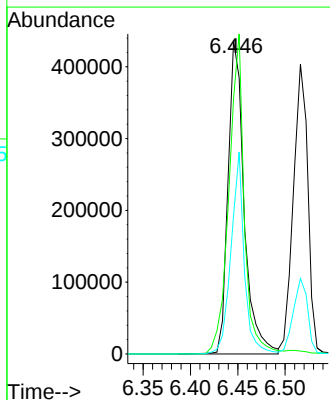
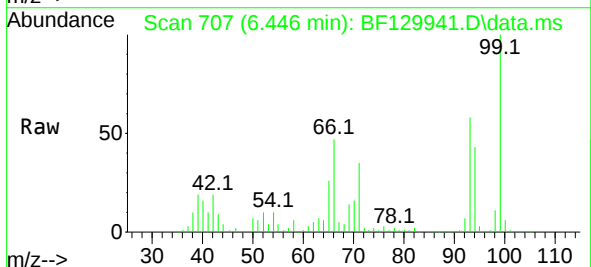
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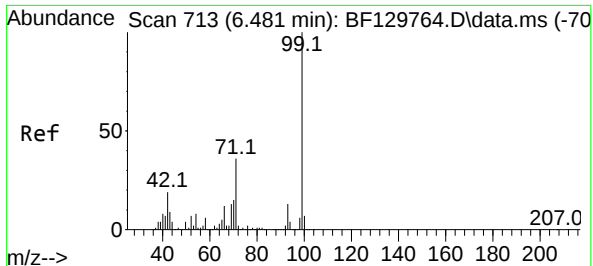
Reviewed By :Christian Giraldo 08/23/2022
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#6
Aniline
Concen: 41.703 ng
RT: 6.446 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

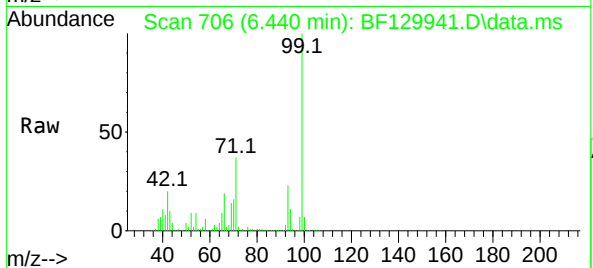
Tgt Ion: 93 Resp: 516464
Ion Ratio Lower Upper
93 100
66 81.5 68.7 103.1
65 44.3 41.6 62.4





#7
Phenol-d6
Concen: 116.681 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

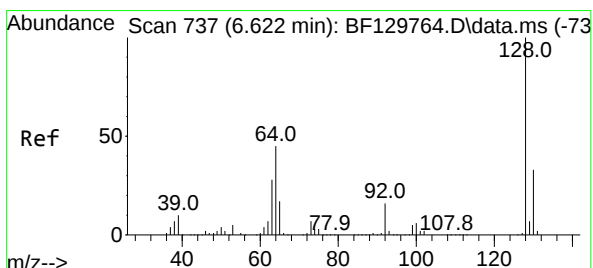
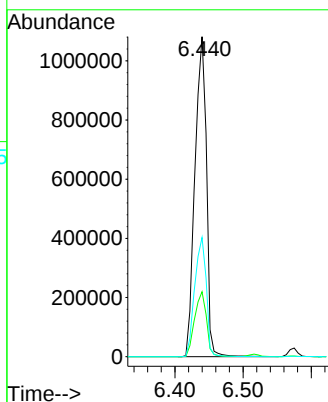
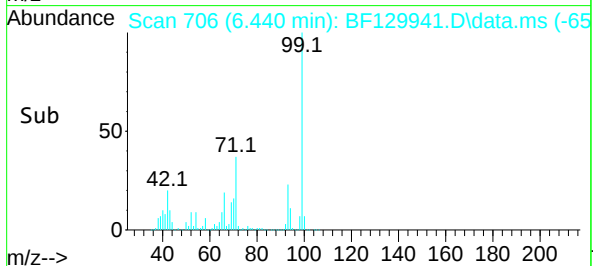
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion: 99 Resp: 126785
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 37.3 28.8 43.2

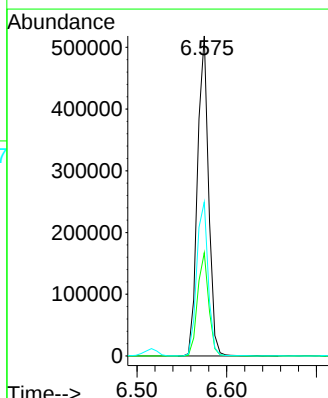
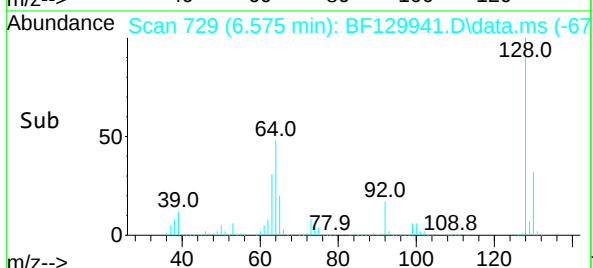
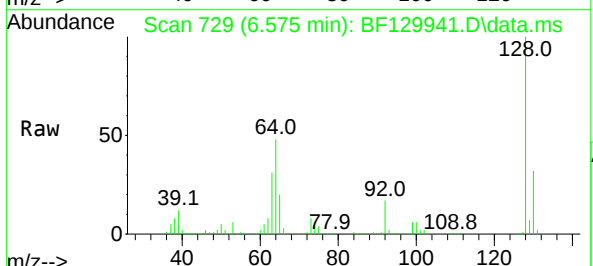
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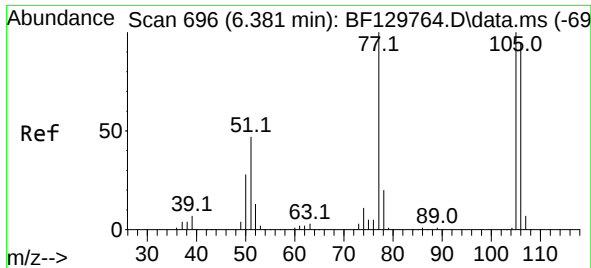
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#8
2-Chlorophenol
Concen: 46.063 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Tgt Ion:128 Resp: 444943
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 48.1 24.9 64.9





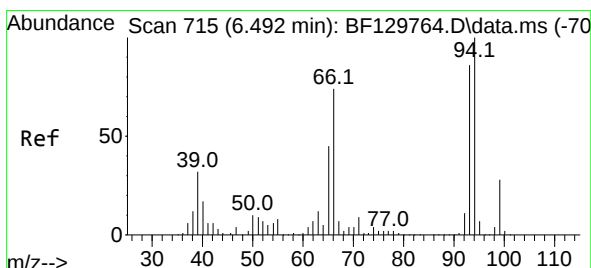
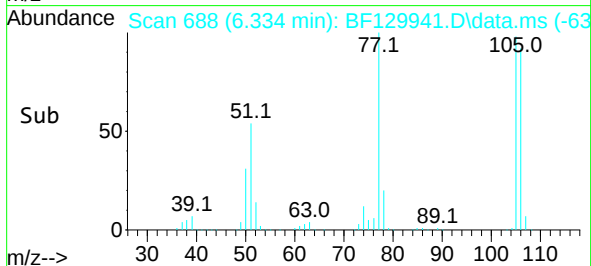
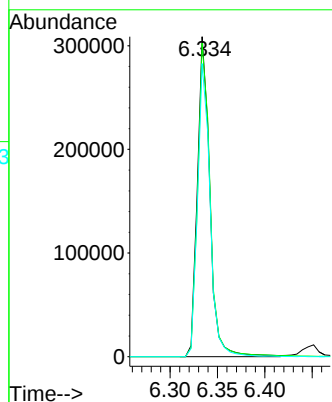
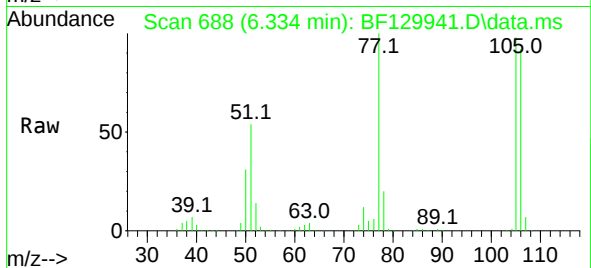
#9
Benzaldehyde
Concen: 50.425 ng
RT: 6.334 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS

Tgt Ion: 77 Resp: 283219
Ion Ratio Lower Upper
77 100
105 98.0 80.3 120.3
106 91.6 74.3 114.3

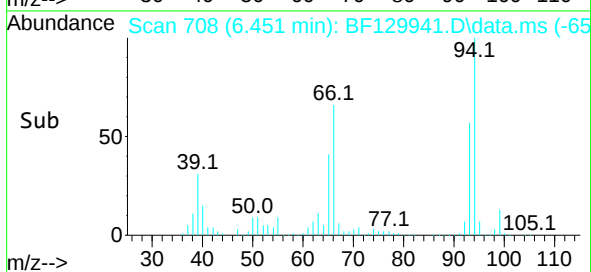
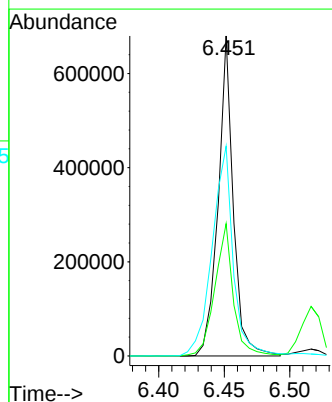
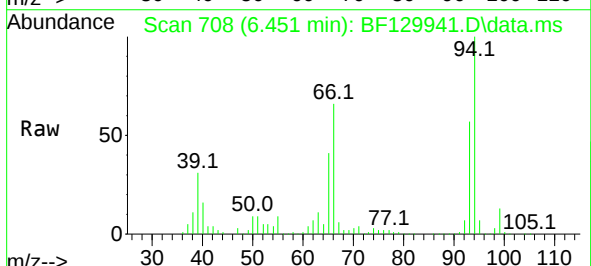
Manual Integrations
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#10
Phenol
Concen: 46.020 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

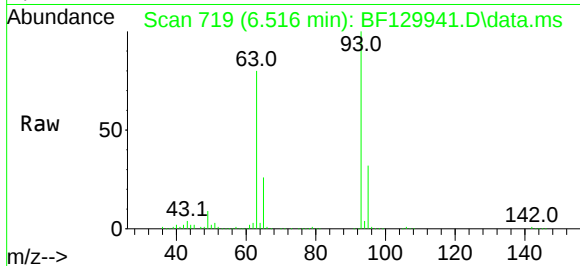
Tgt Ion: 94 Resp: 548517
Ion Ratio Lower Upper
94 100
65 41.3 24.9 64.9
66 65.6 54.2 94.2





#11
bis(2-Chloroethyl)ether
Concen: 46.886 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

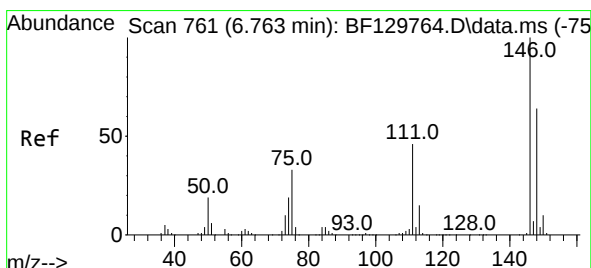
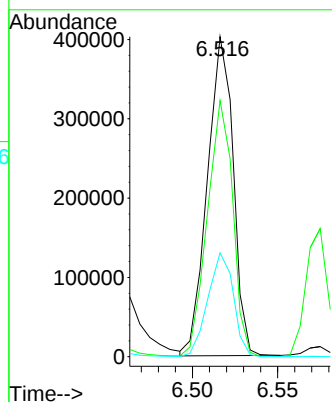
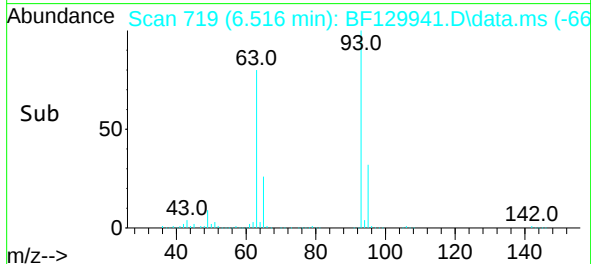
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



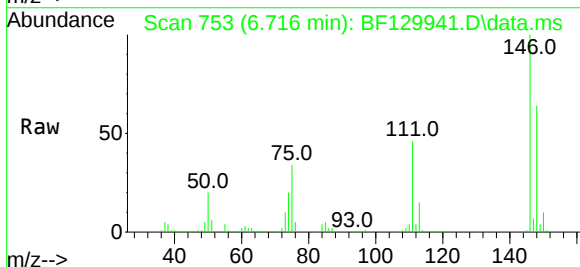
Tgt Ion: 93 Resp: 42436
Ion Ratio Lower Upper
93 100
63 80.1 55.9 95.9
95 32.4 12.3 52.3

Manual Integrations
APPROVED

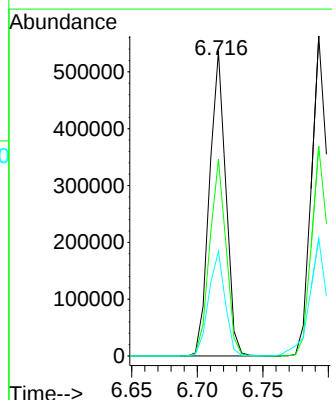
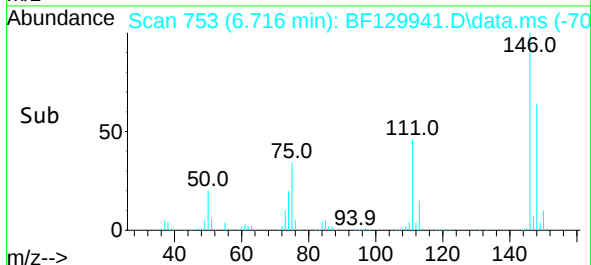
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

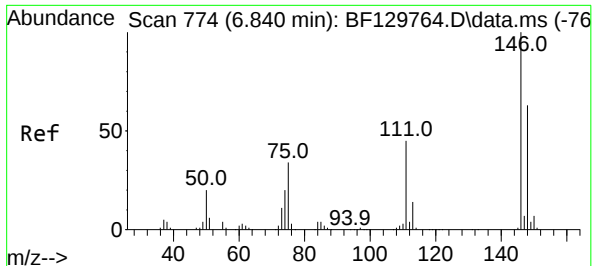


#12
1,3-Dichlorobenzene
Concen: 44.643 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:146 Resp: 465544
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 34.4 26.5 39.7





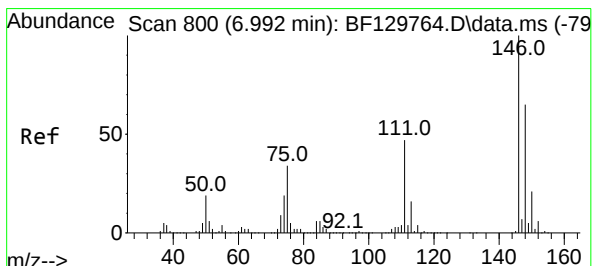
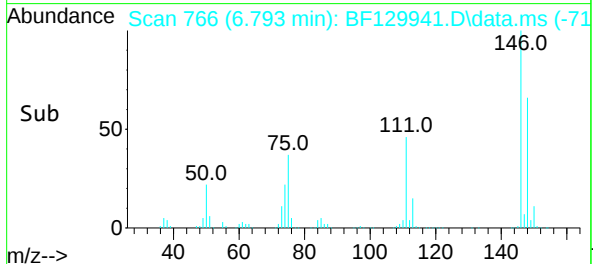
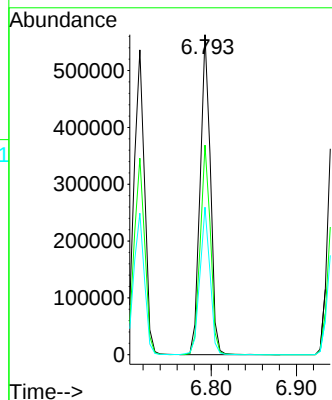
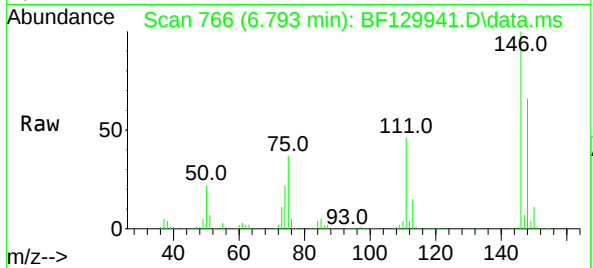
#13
1,4-Dichlorobenzene
Concen: 44.353 ng
RT: 6.793 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS

Tgt Ion:146 Resp: 472589
Ion Ratio Lower Upper
146 100
148 65.5 50.6 75.8
111 46.1 36.2 54.4

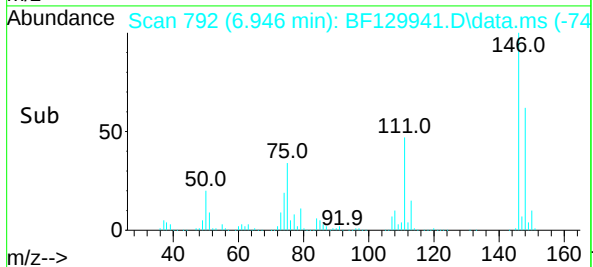
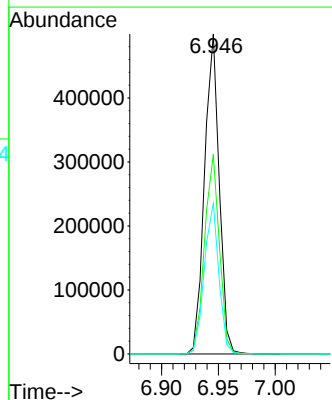
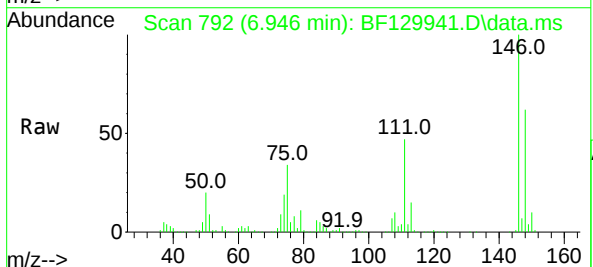
Manual Integrations
APPROVED

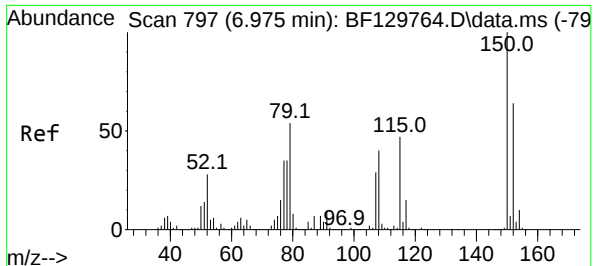
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#14
1,2-Dichlorobenzene
Concen: 45.377 ng
RT: 6.946 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Tgt Ion:146 Resp: 449059
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.6
111 47.1 37.2 55.8





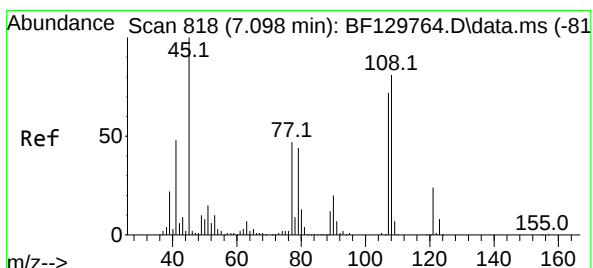
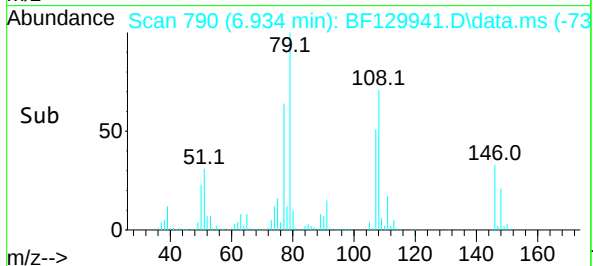
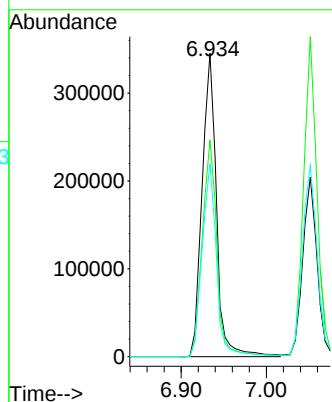
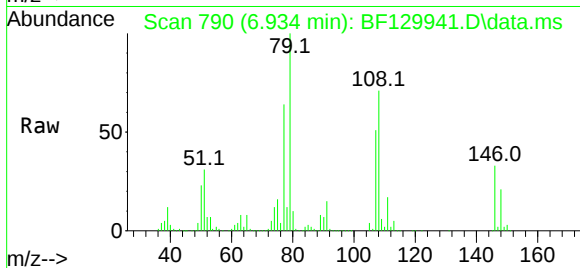
#15
Benzyl Alcohol
Concen: 49.209 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS

Tgt Ion: 79 Resp: 40366
Ion Ratio Lower Upper
79 100
108 71.4 59.2 88.8
77 63.6 51.9 77.9

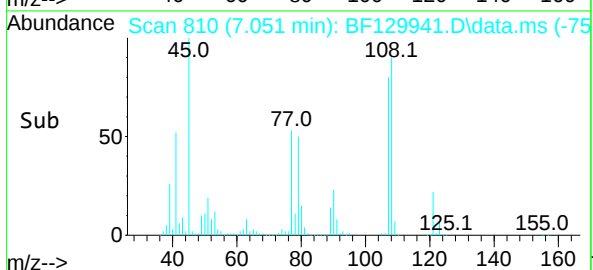
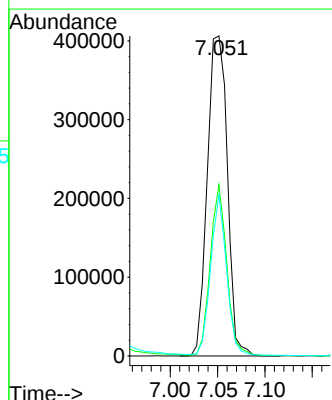
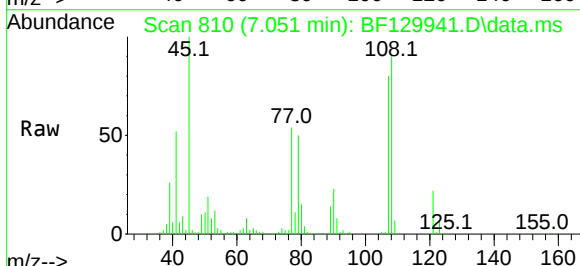
Manual Integrations
APPROVED

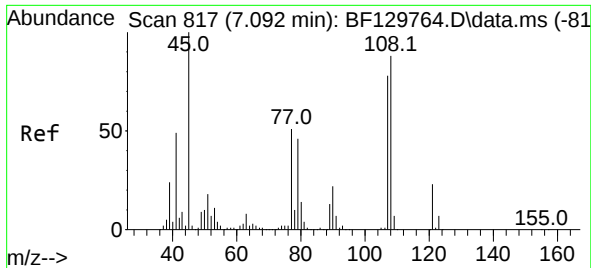
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.240 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

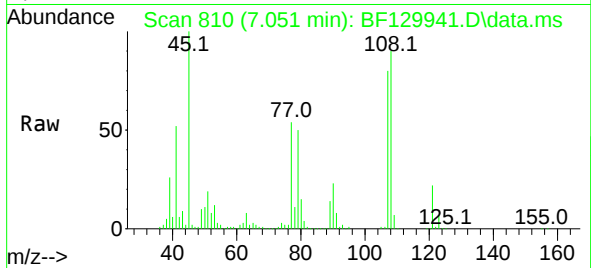
Tgt Ion: 45 Resp: 597185
Ion Ratio Lower Upper
45 100
77 53.5 27.4 67.4
79 50.3 24.4 64.4





#17
2-Methylphenol
Concen: 46.344 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

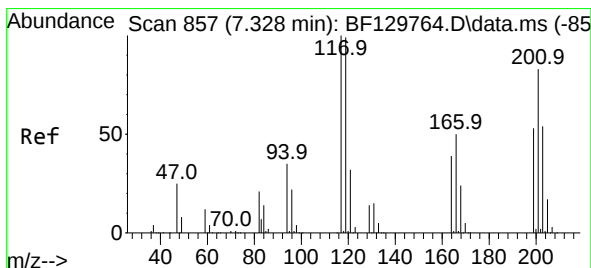
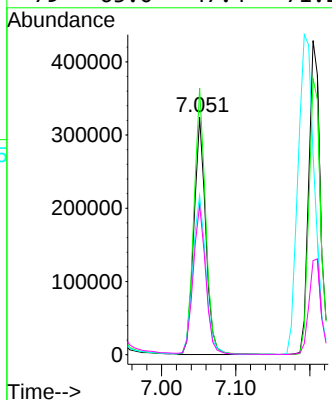
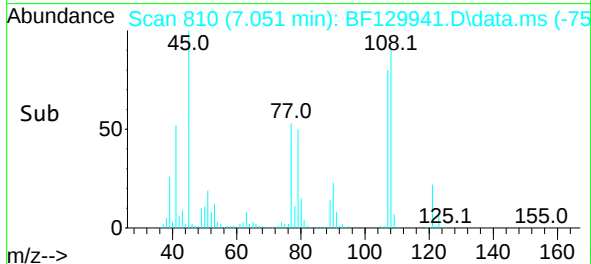
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion:107 Resp: 35944
Ion Ratio Lower Upper
107 100
108 112.3 90.2 135.2
77 67.0 51.8 77.8
79 63.0 47.4 71.2

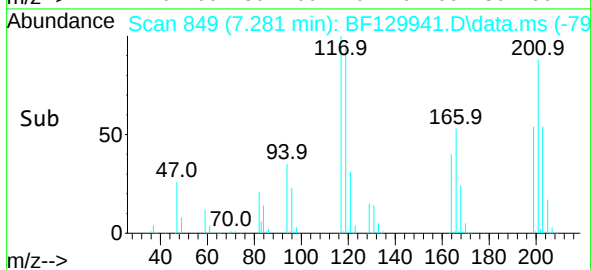
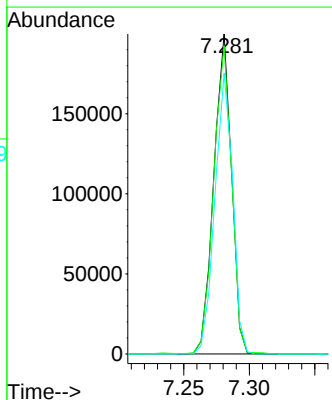
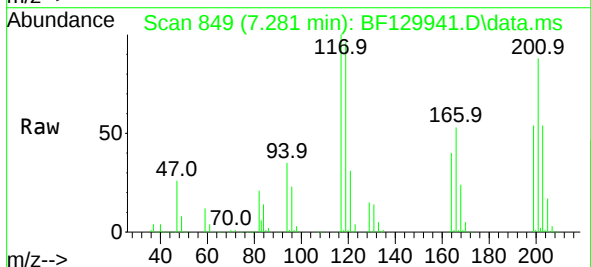
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#18
Hexachloroethane
Concen: 46.782 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

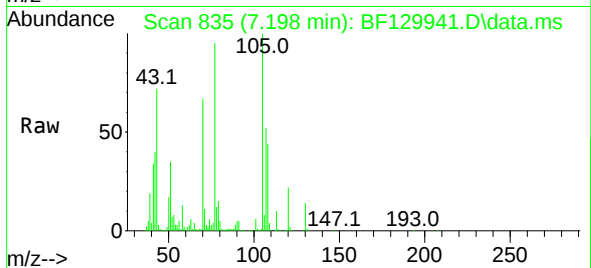
Tgt Ion:117 Resp: 187187
Ion Ratio Lower Upper
117 100
119 96.3 79.1 118.7
201 87.8 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.340 ng
RT: 7.198 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

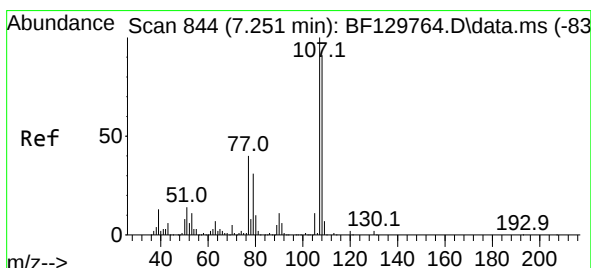
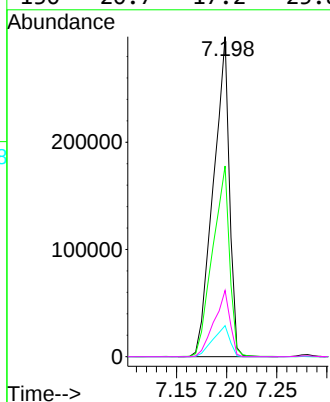
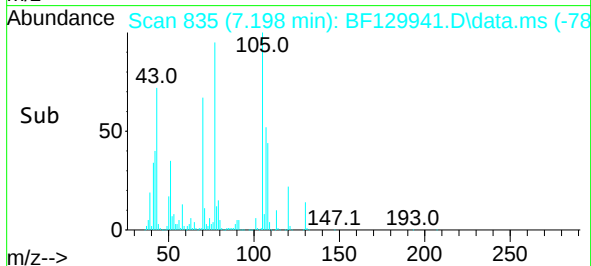
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



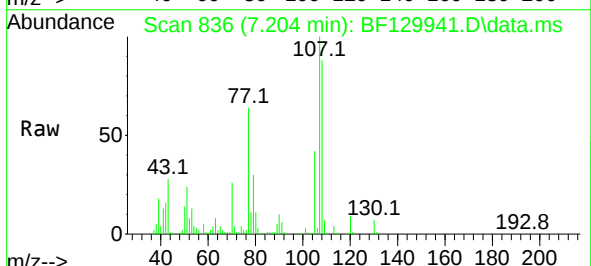
Tgt Ion: 70 Resp: 33201
Ion Ratio Lower Upper
70 100
42 59.6 47.6 71.4
101 9.7 8.1 12.1
130 20.7 17.2 25.8

Manual Integrations
APPROVED

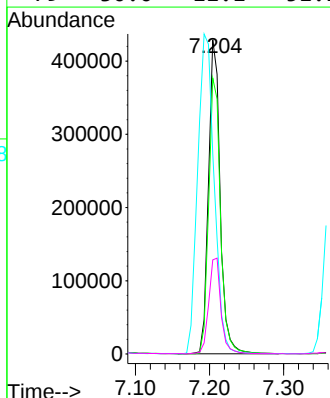
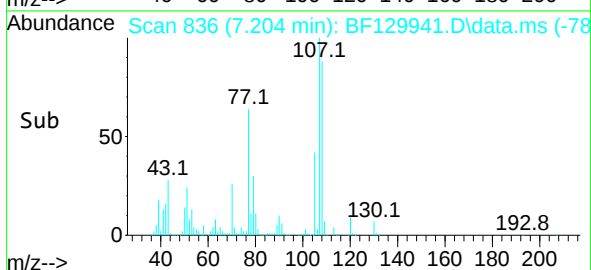
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

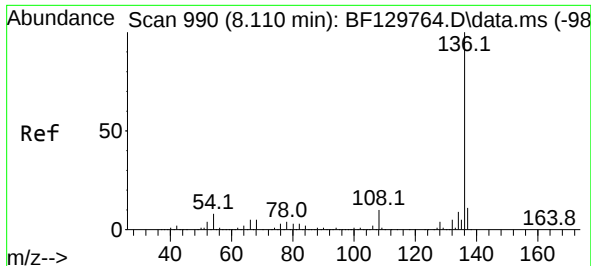


#20
3+4-Methylphenols
Concen: 44.924 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:107 Resp: 467710
Ion Ratio Lower Upper
107 100
108 87.8 71.3 111.3
77 63.8 20.4 60.4#
79 30.0 11.1 51.1





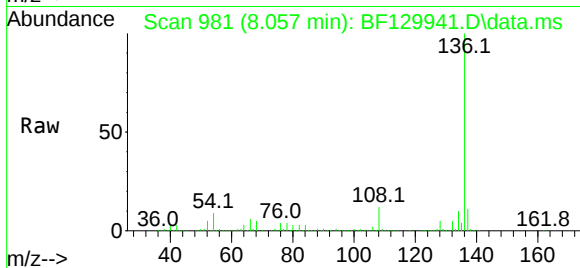
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

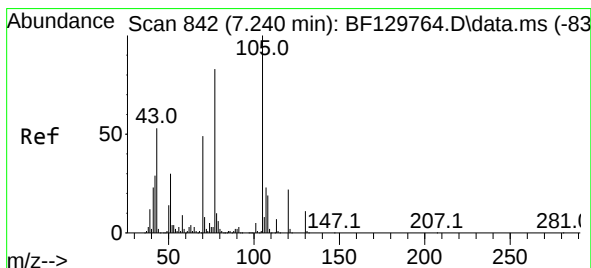
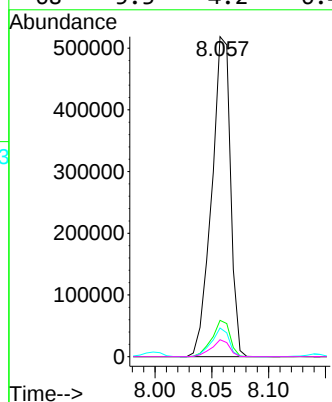
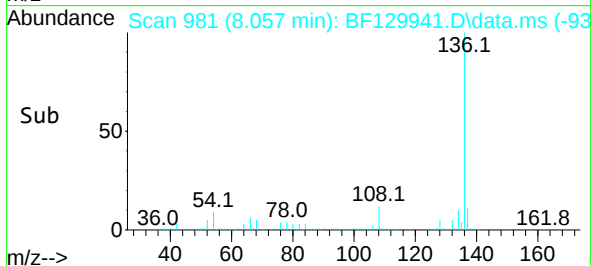
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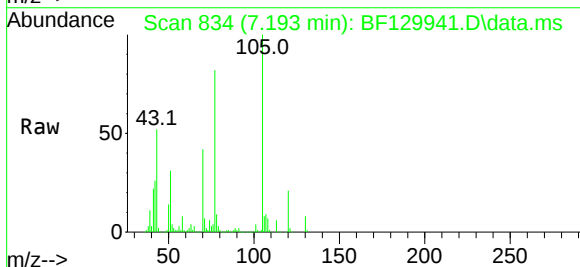
Tgt Ion:136 Resp: 594380
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.0 6.2 9.2
68 5.3 4.2 6.4

Manual Integrations
APPROVED

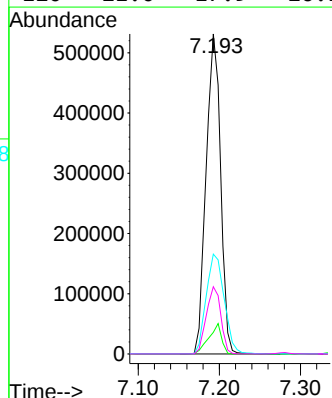
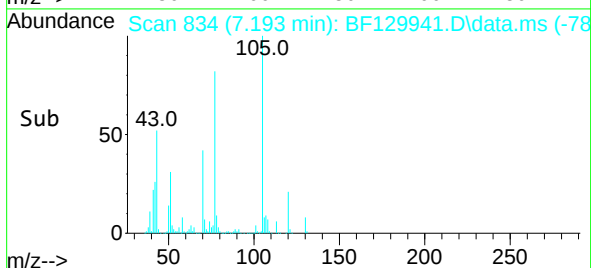
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

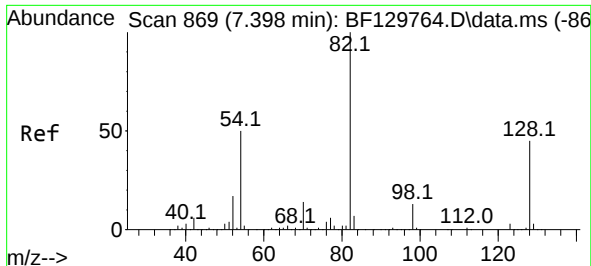


#22
Acetophenone
Concen: 45.318 ng
RT: 7.193 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:105 Resp: 656411
Ion Ratio Lower Upper
105 100
71 6.8 6.6 9.8
51 31.2 23.8 35.8
120 21.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 73.926 ng

RT: 7.351 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

Tgt Ion: 82 Resp: 820820

Ion Ratio Lower Upper

82 100

128 41.8 36.1 54.1

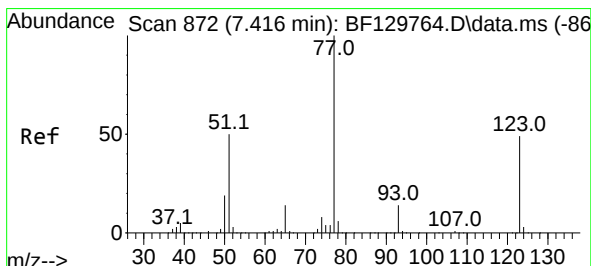
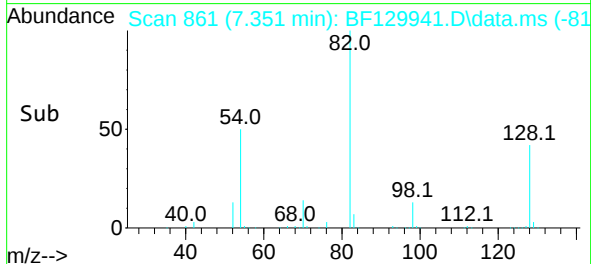
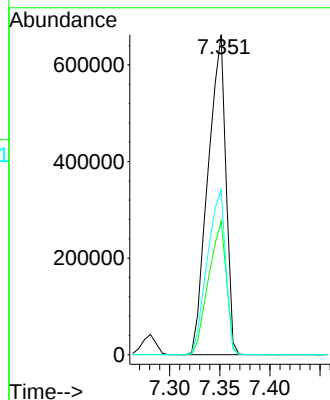
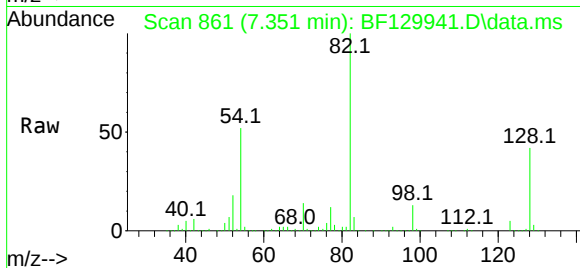
54 51.6 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#24

Nitrobenzene

Concen: 43.464 ng

RT: 7.369 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

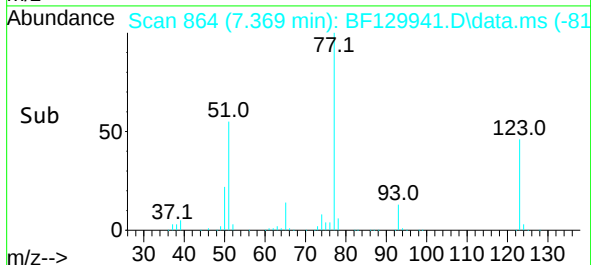
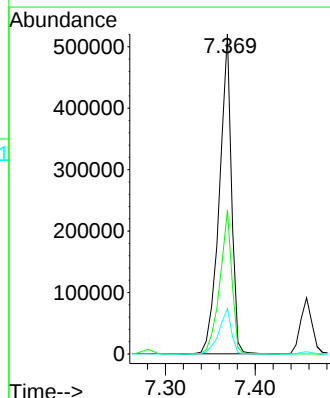
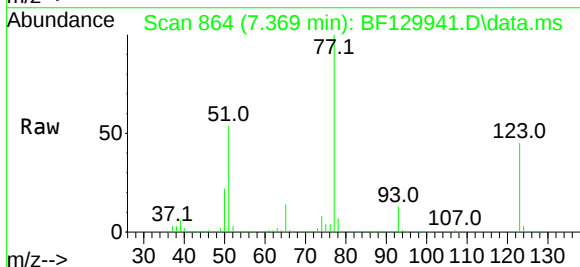
Tgt Ion: 77 Resp: 486623

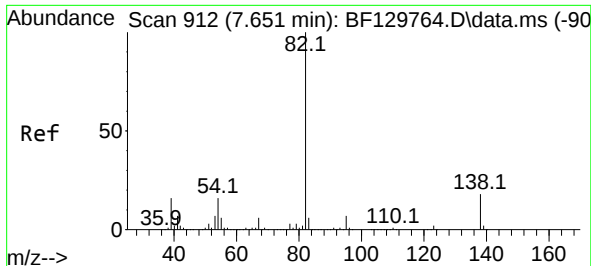
Ion Ratio Lower Upper

77 100

123 44.9 39.2 58.8

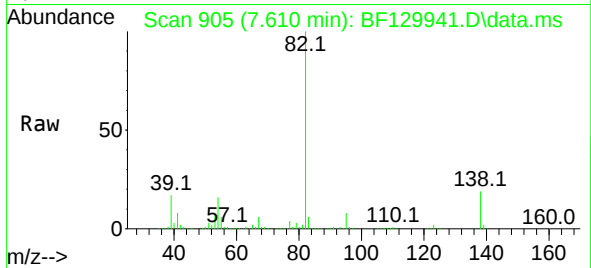
65 14.1 11.1 16.7





#25
Isophorone
Concen: 46.602 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

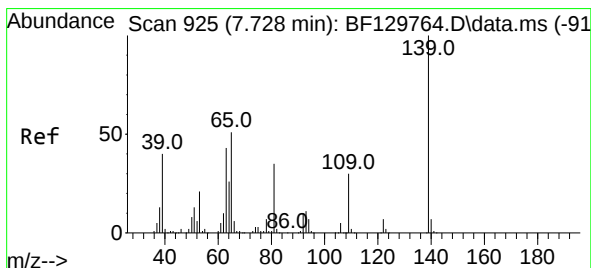
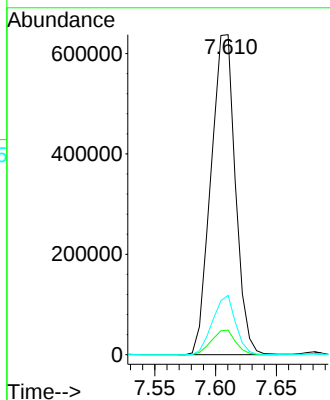
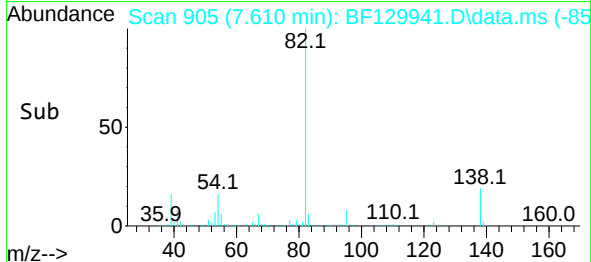
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion: 82 Resp: 89057
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.6 14.6 21.8

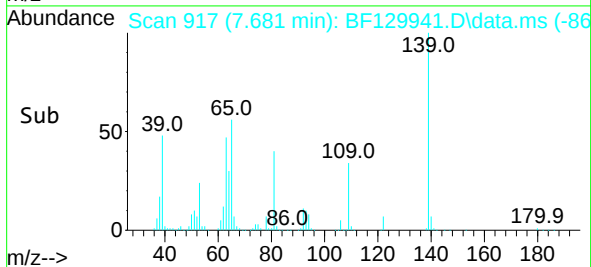
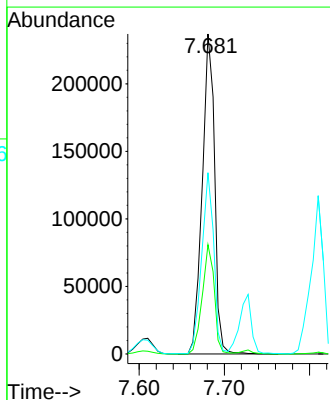
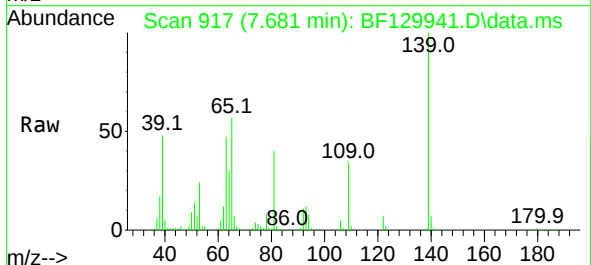
Manual Integrations
APPROVED

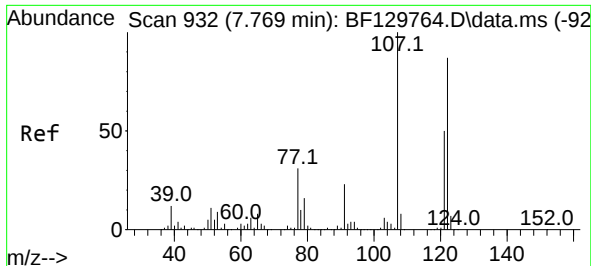
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#26
2-Nitrophenol
Concen: 43.287 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Tgt Ion:139 Resp: 238387
Ion Ratio Lower Upper
139 100
109 34.1 24.4 36.6
65 56.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 48.774 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129941.D

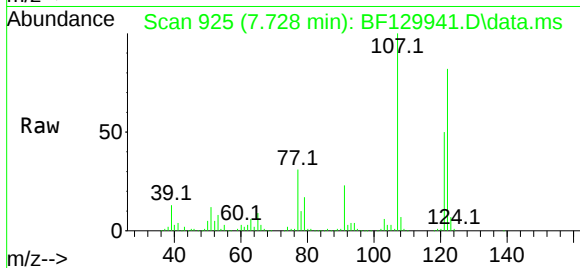
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS



Tgt Ion:122 Resp: 385215

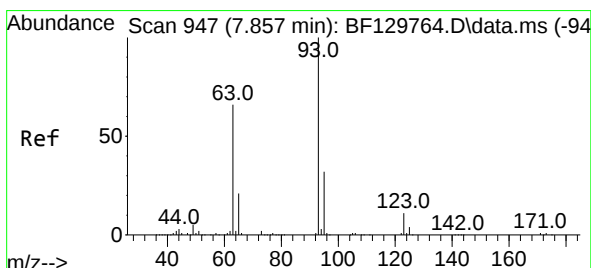
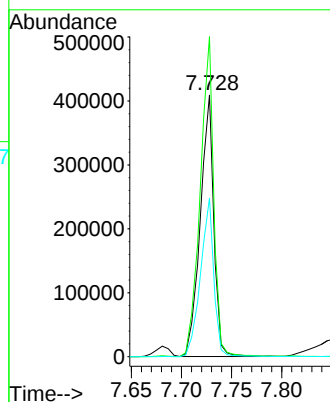
Ion	Ratio	Lower	Upper
122	100		
107	122.3	92.2	138.4
121	60.6	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.842 ng

RT: 7.810 min Scan# 939

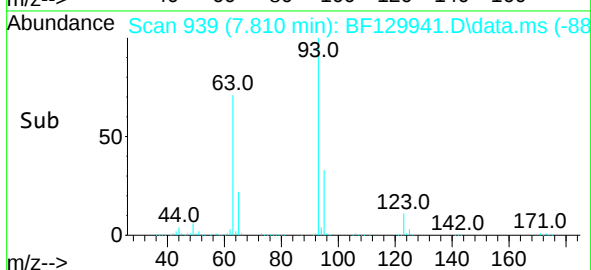
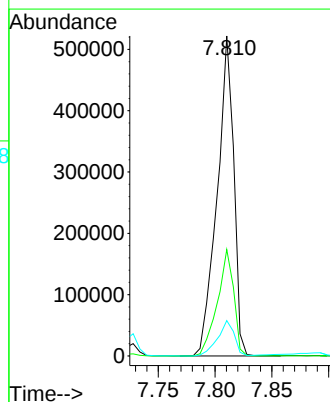
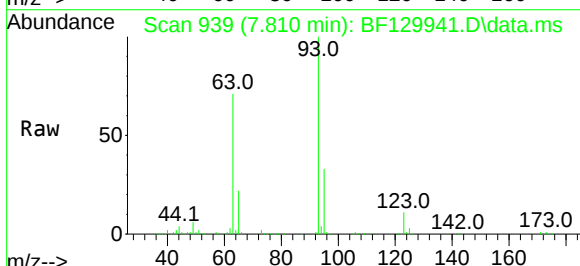
Delta R.T. 0.000 min

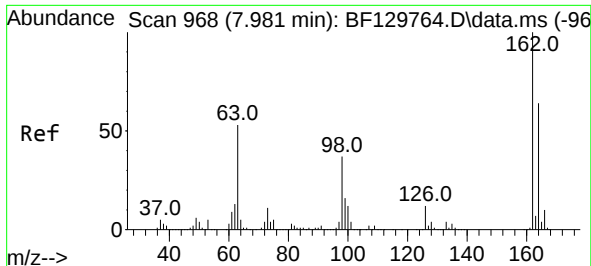
Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Tgt Ion: 93 Resp: 533828

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.6	38.4
123	11.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 42.778 ng

RT: 7.934 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129941.D

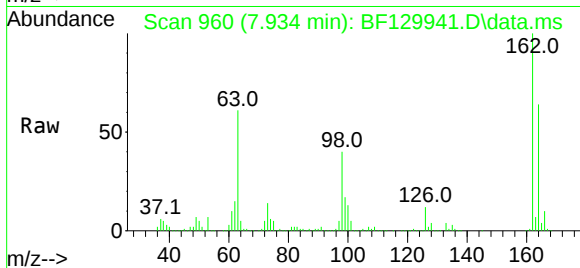
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS



Tgt Ion:162 Resp: 36943

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

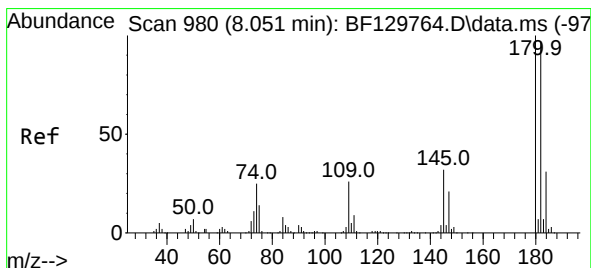
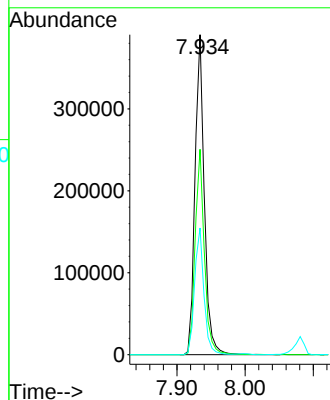
98 39.6 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.427 ng

RT: 7.998 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

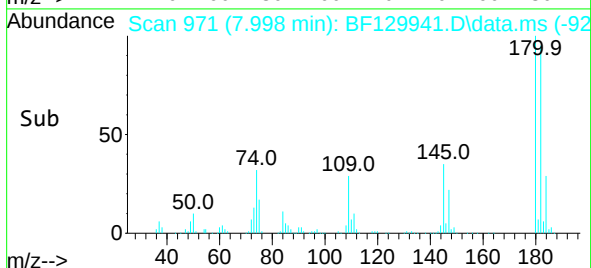
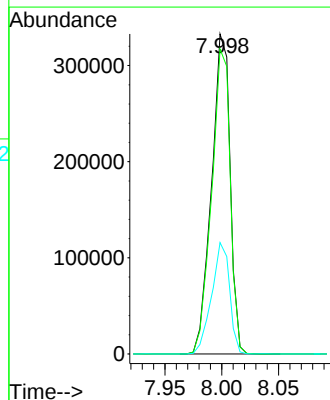
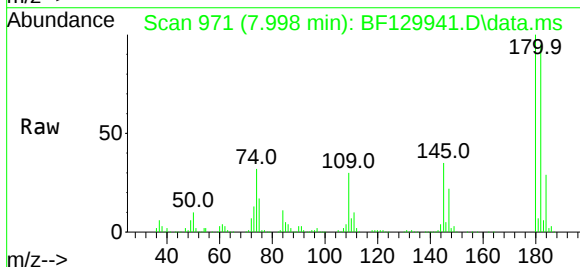
Tgt Ion:180 Resp: 377427

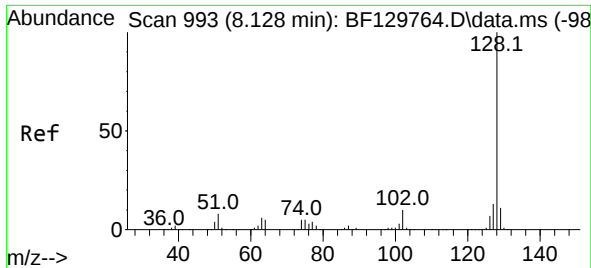
Ion Ratio Lower Upper

180 100

182 95.3 77.6 116.4

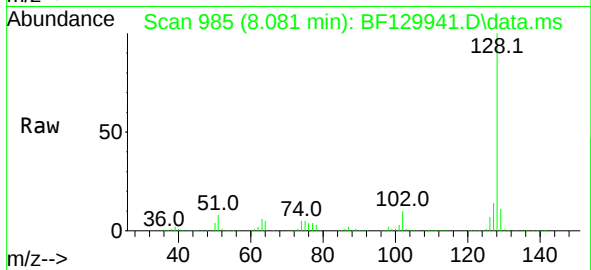
145 34.8 25.6 38.4





#31
Naphthalene
Concen: 41.433 ng
RT: 8.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

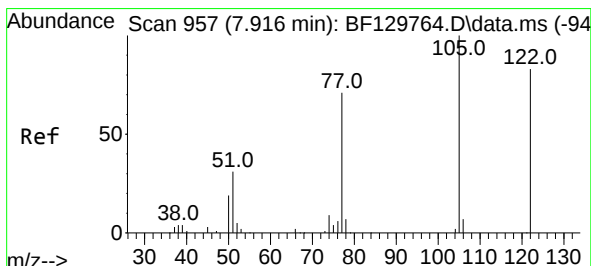
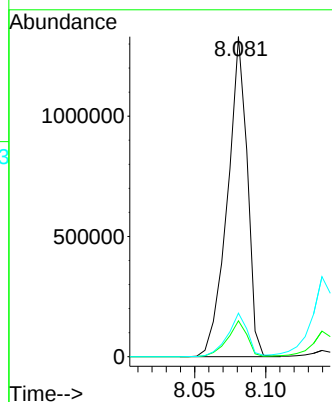
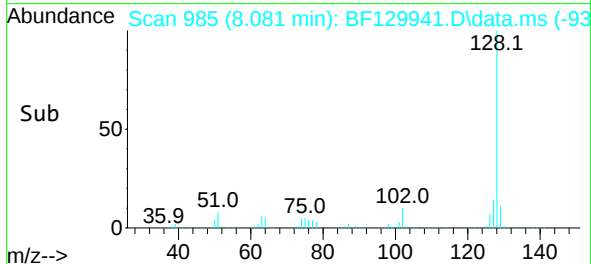
Instrument :
BNA_F
Client Sample Id :
UST-NORTHMS



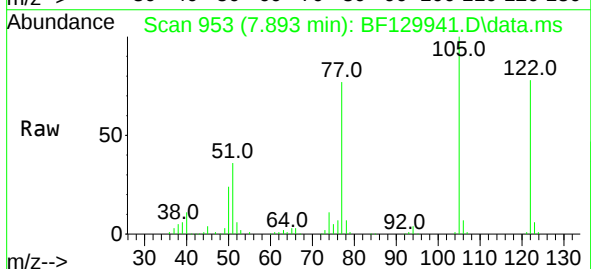
Tgt Ion:128 Resp: 1287638
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.6 10.7 16.1

Manual Integrations
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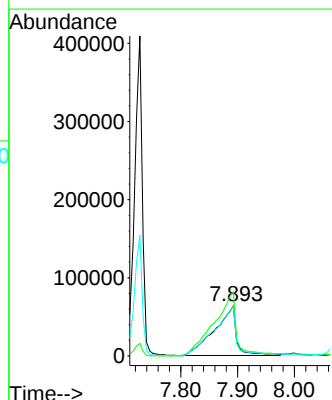
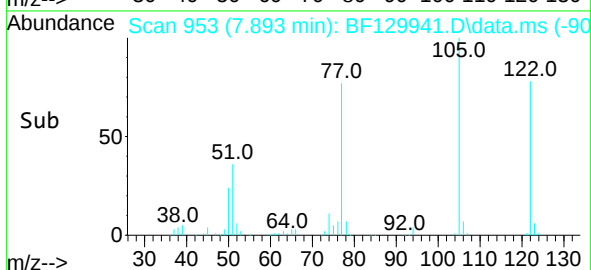
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

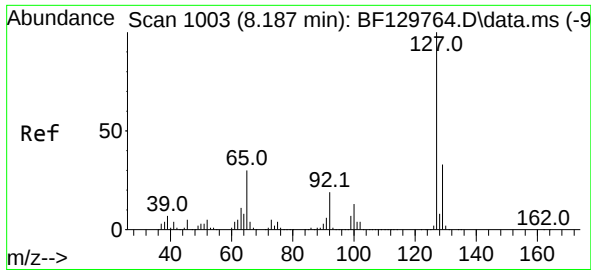


#32
Benzoic acid
Concen: 48.600 ng
RT: 7.893 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:122 Resp: 173121
Ion Ratio Lower Upper
122 100
105 128.5 99.9 139.9
77 98.9 65.9 105.9





#33
4-Chloroaniline
Concen: 35.146 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

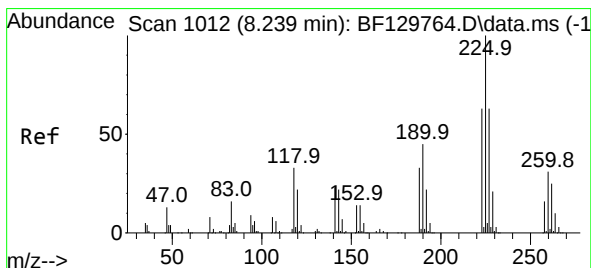
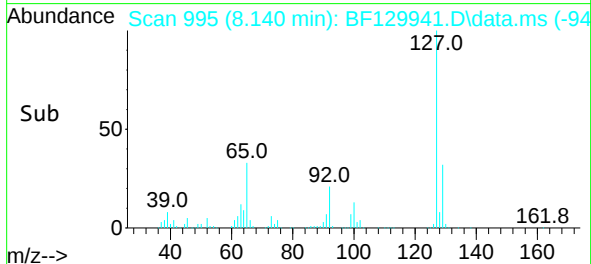
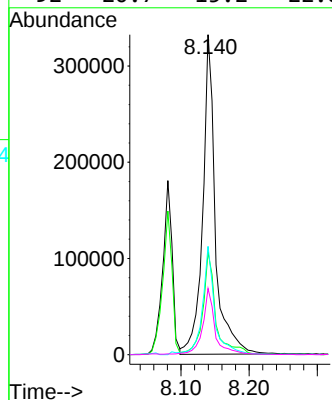
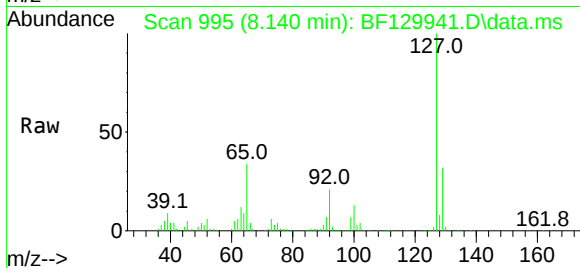
ClientSampleId :

UST-NORTHMS

Tgt Ion:127 Resp: 42953
Ion Ratio Lower Upper
127 100
129 32.0 26.7 40.1
65 33.9 24.2 36.2
92 20.7 15.2 22.8

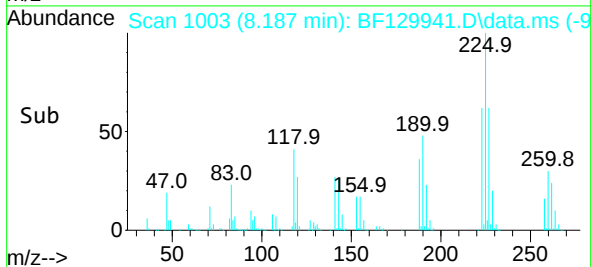
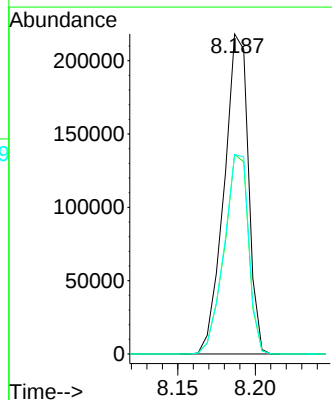
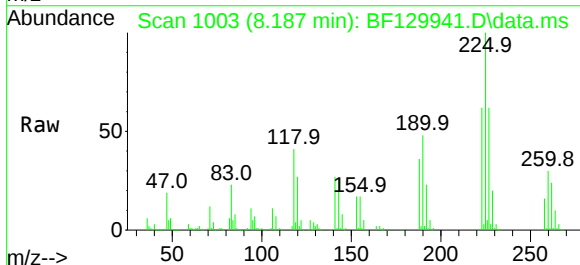
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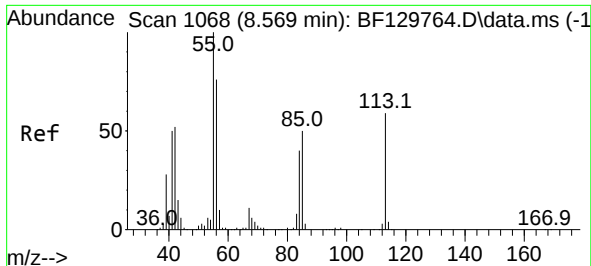
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#34
Hexachlorobutadiene
Concen: 42.769 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

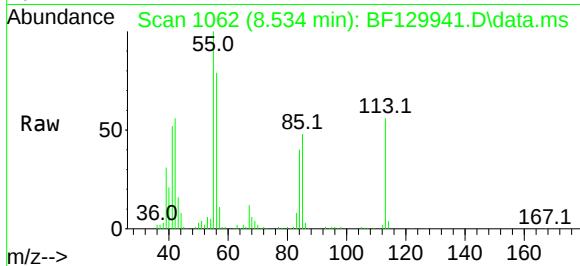
Tgt Ion:225 Resp: 237266
Ion Ratio Lower Upper
225 100
223 62.4 50.2 75.2
227 62.4 50.6 75.8





#35
 Caprolactam
 Concen: 39.020 ng m
 RT: 8.534 min Scan# 1062
 Delta R.T. 0.006 min
 Lab File: BF129941.D
 Acq: 22 Aug 2022 15:31

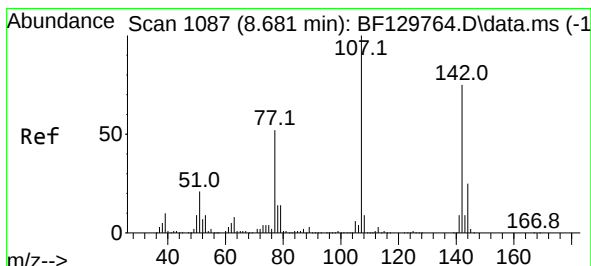
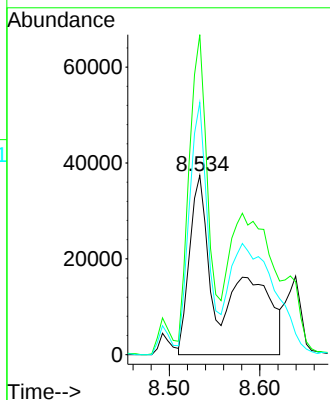
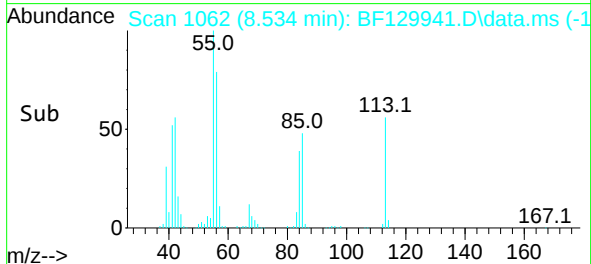
Instrument :
 BNA_F
 ClientSampleId :
 UST-NORTHMS



Tgt Ion:113 Resp: 104792
 Ion Ratio Lower Upper
 113 100
 55 178.6 148.8 188.8
 56 140.7 109.1 149.1

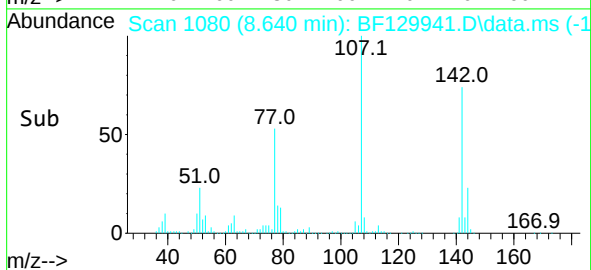
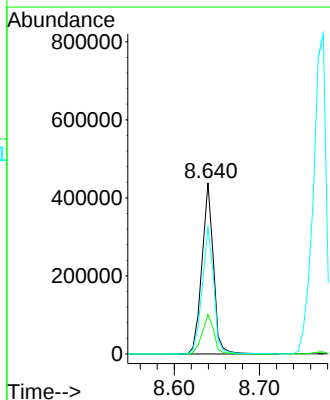
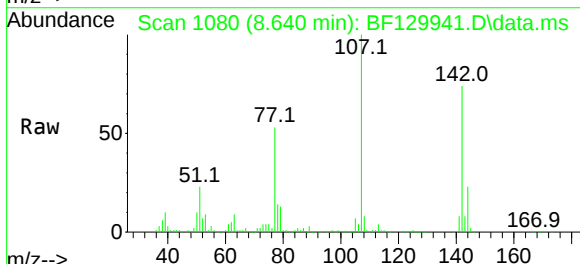
Manual Integrations
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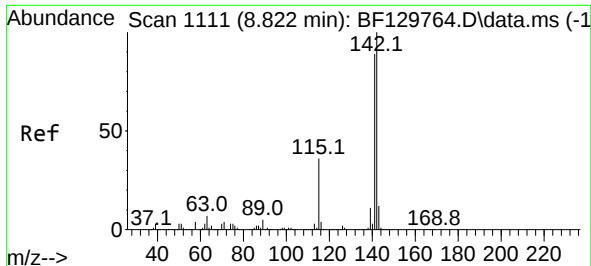
Reviewed By :Christian Giraldo 08/23/2022
 Supervised By :Sohil Jodhani 08/23/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.012 ng
 RT: 8.640 min Scan# 1080
 Delta R.T. 0.006 min
 Lab File: BF129941.D
 Acq: 22 Aug 2022 15:31

Tgt Ion:107 Resp: 410047
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.9 29.9
 142 73.8 60.2 90.4





#37

2-Methylnaphthalene

Concen: 41.823 ng

RT: 8.775 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

Tgt Ion:142 Resp: 853079

Ion Ratio Lower Upper

142 100

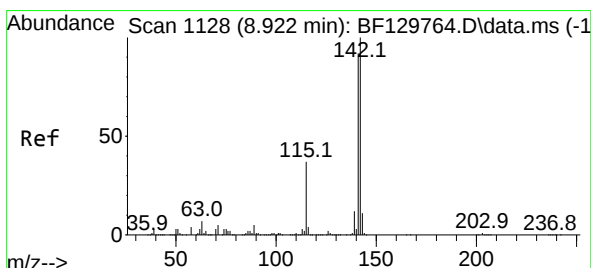
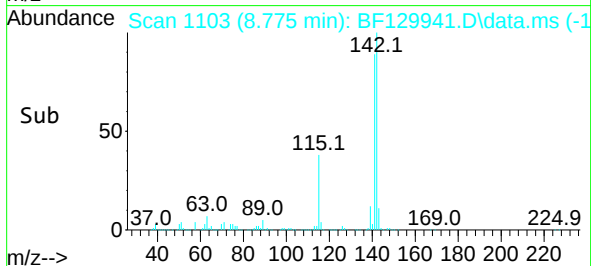
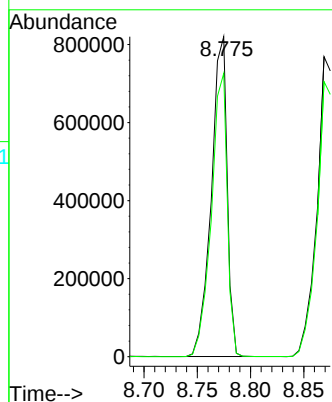
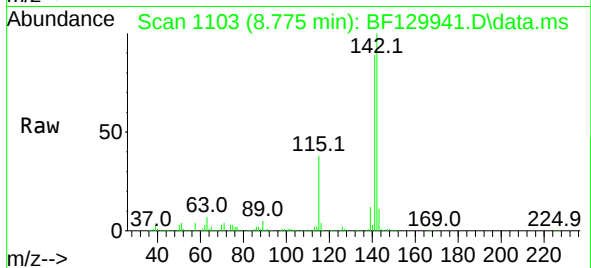
141 88.5 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#38

1-Methylnaphthalene

Concen: 41.037 ng

RT: 8.869 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF129941.D

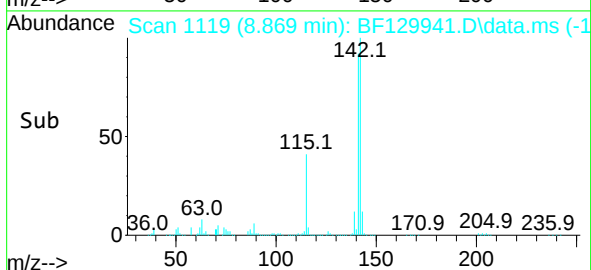
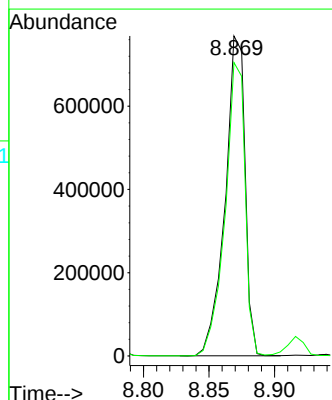
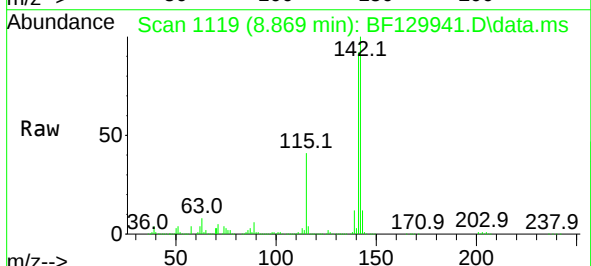
Acq: 22 Aug 2022 15:31

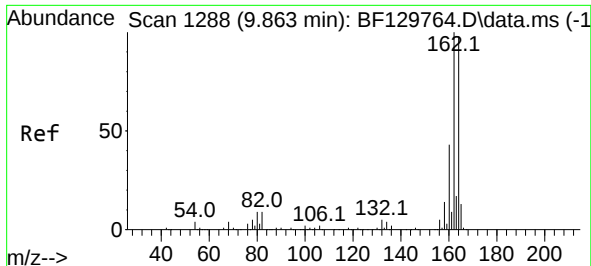
Tgt Ion:142 Resp: 813481

Ion Ratio Lower Upper

142 100

141 91.7 73.5 110.3





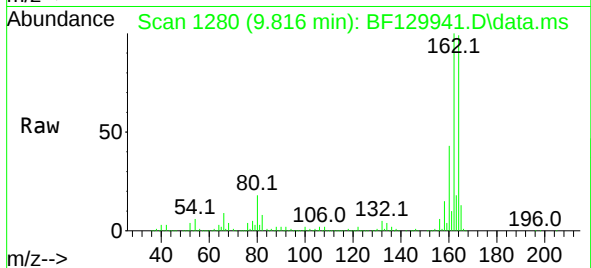
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

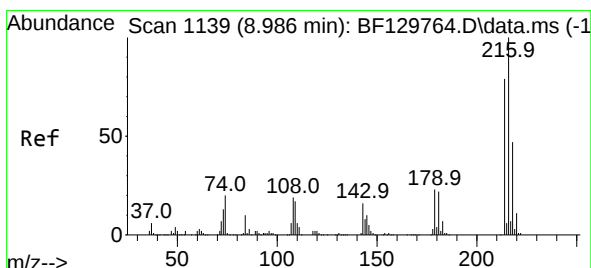
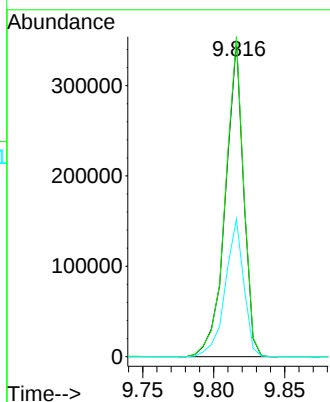
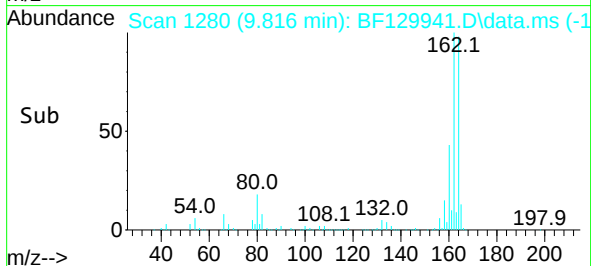


Tgt Ion:164 Resp: 311040
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 43.5 35.4 53.0

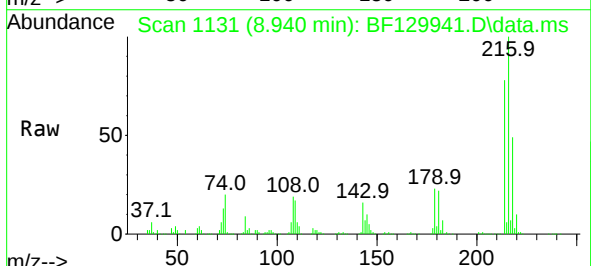
Manual Integrations

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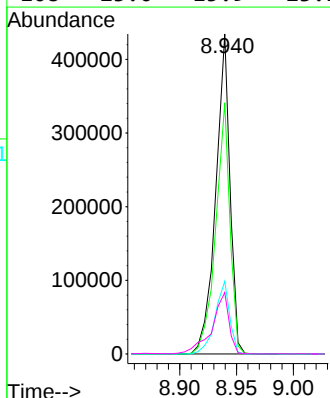
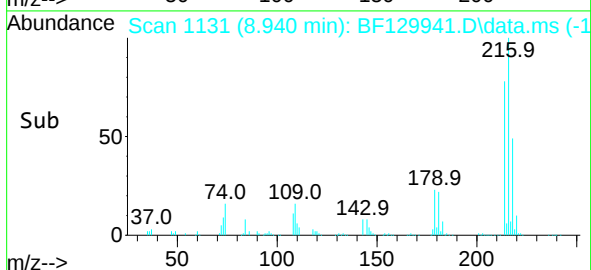
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.941 ng
RT: 8.940 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



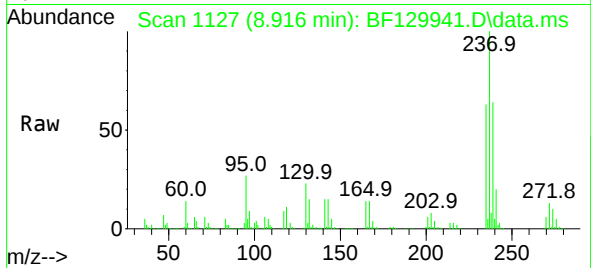
Tgt Ion:216 Resp: 380139
Ion Ratio Lower Upper
216 100
214 78.3 63.1 94.7
179 23.2 18.1 27.1
108 23.0 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 94.468 ng
RT: 8.916 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

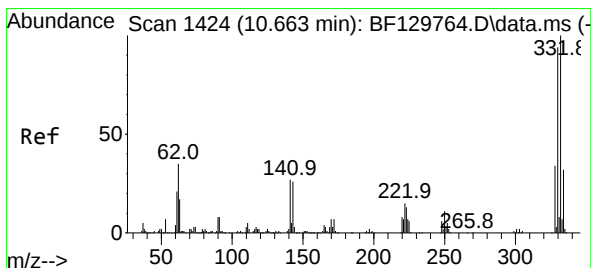
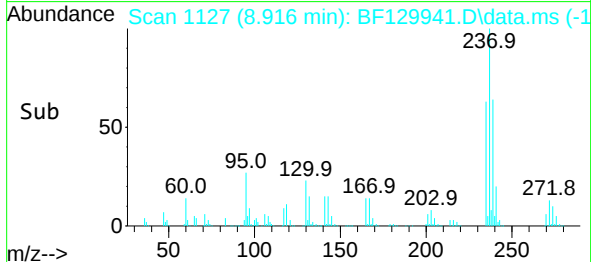
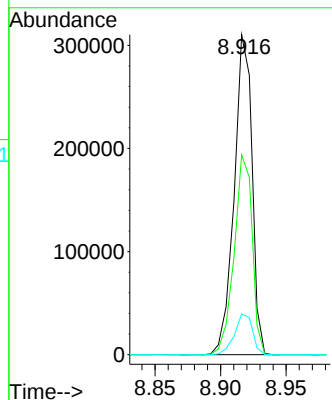
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion: 237 Resp: 294337
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 12.8 0.0 33.3

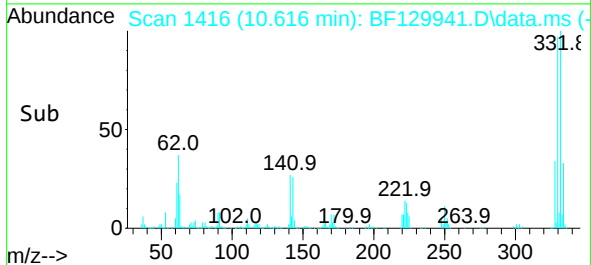
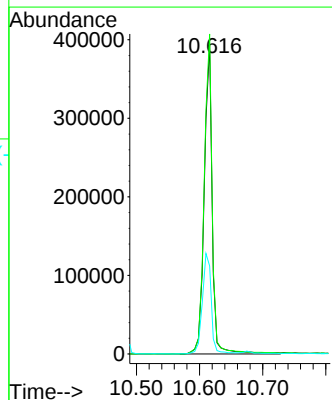
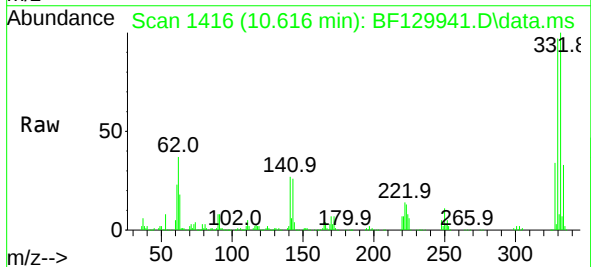
Manual Integrations
APPROVED

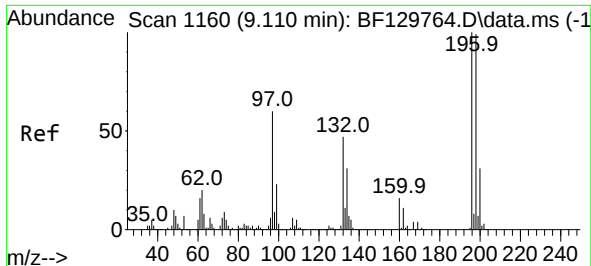
Reviewed By : Christian Giraldo 08/23/2022
Supervised By : Sohil Jodhani 08/23/2022



#42
2,4,6-Tribromophenol
Concen: 111.658 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Tgt Ion: 330 Resp: 348569
Ion Ratio Lower Upper
330 100
332 104.3 82.6 124.0
141 36.0 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 41.979 ng

RT: 9.063 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

Tgt Ion:196 Resp: 235950

Ion Ratio Lower Upper

196 100

198 95.1 79.0 118.4

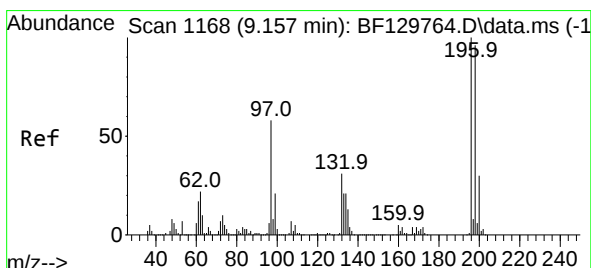
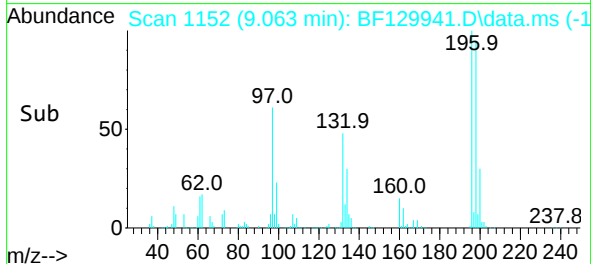
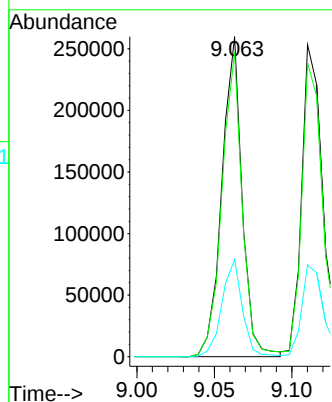
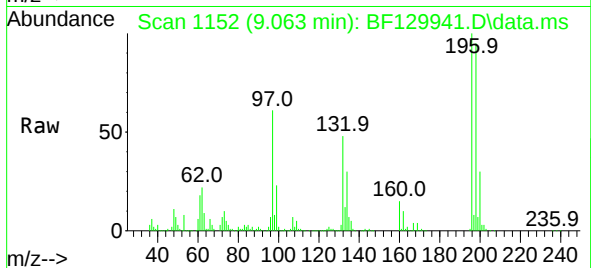
200 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#44

2,4,5-Trichlorophenol

Concen: 41.381 ng

RT: 9.110 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Tgt Ion:196 Resp: 250237

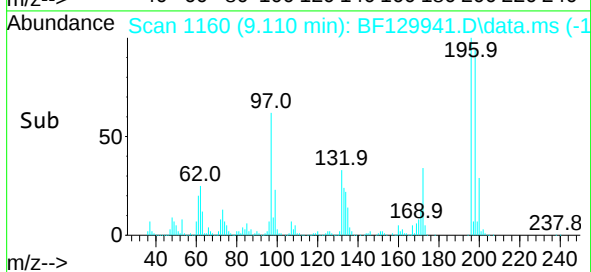
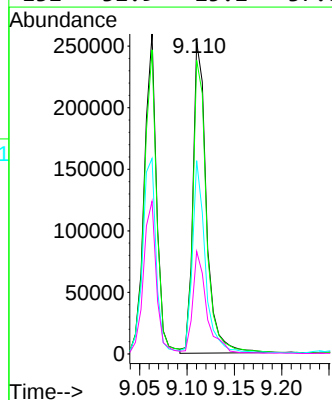
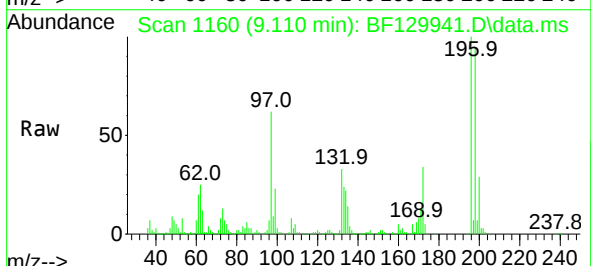
Ion Ratio Lower Upper

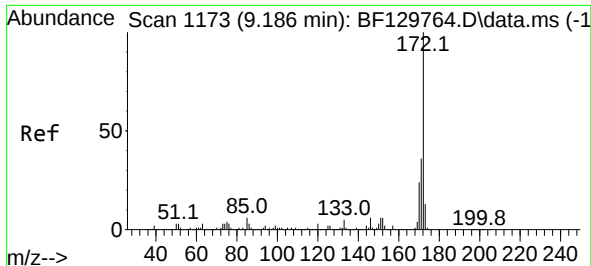
196 100

198 94.1 76.4 114.6

97 62.0 46.5 69.7

132 32.9 25.2 37.8





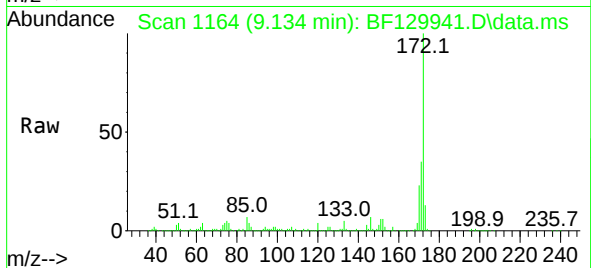
#45
2-Fluorobiphenyl
Concen: 72.905 ng
RT: 9.134 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

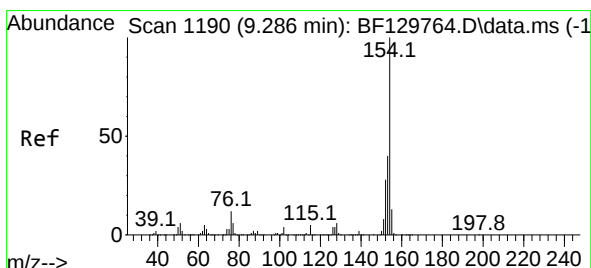
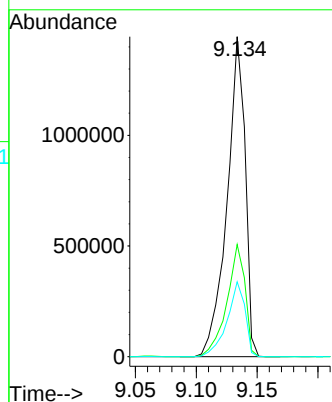
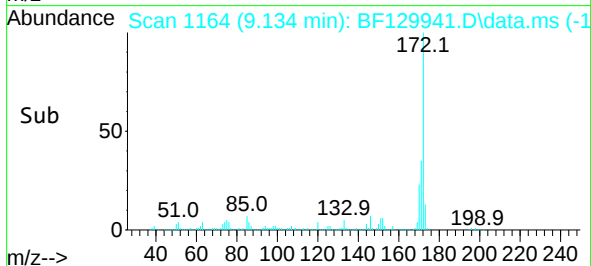


Tgt Ion:172 Resp: 1493040
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.1 28.7

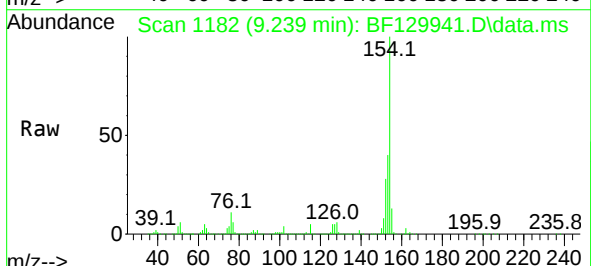
Manual Integrations

APPROVED

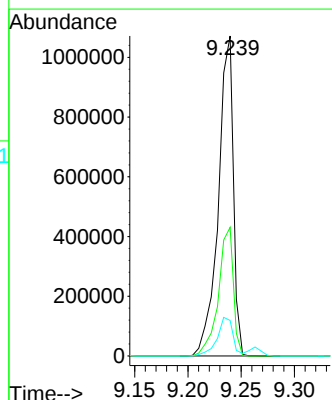
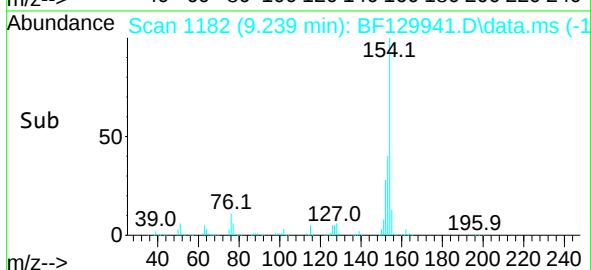
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

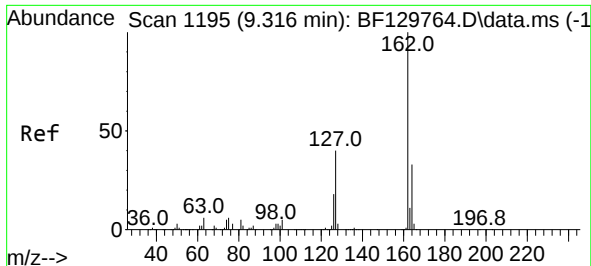


#46
1,1'-Biphenyl
Concen: 44.261 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:154 Resp: 1045861
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 42.793 ng

RT: 9.263 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

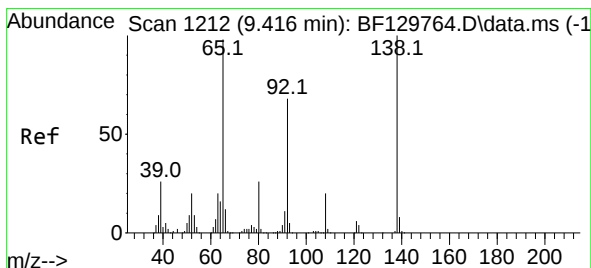
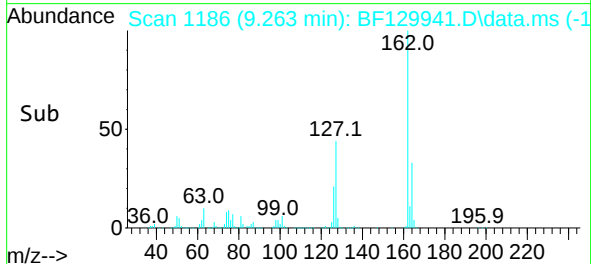
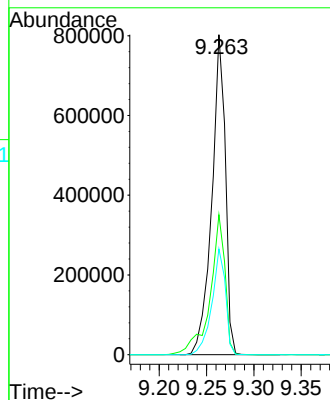
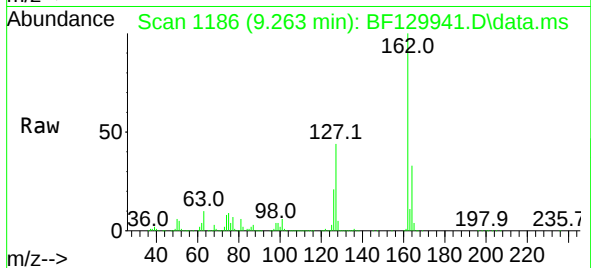
Tgt Ion:162 Resp: 800072
 Ion Ratio Lower Upper
 162 100
 127 43.7 33.1 49.7
 164 33.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#48

2-Nitroaniline

Concen: 44.984 ng

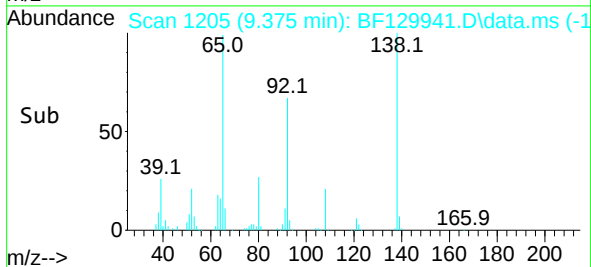
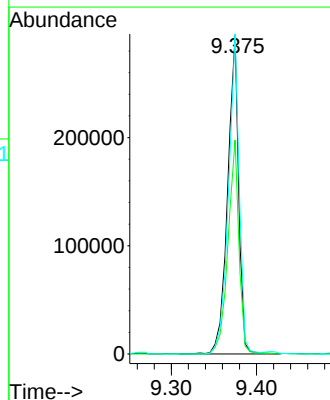
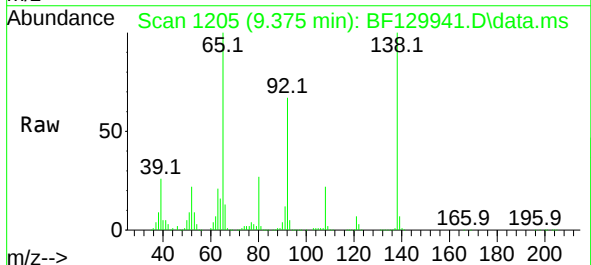
RT: 9.375 min Scan# 1205

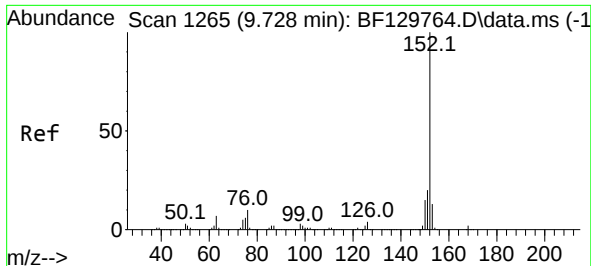
Delta R.T. 0.006 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Tgt Ion: 65 Resp: 265788
 Ion Ratio Lower Upper
 65 100
 92 67.1 55.0 82.4
 138 100.4 81.3 121.9





#49

Acenaphthylene

Concen: 42.087 ng

RT: 9.681 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

Tgt Ion:152 Resp: 119321

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

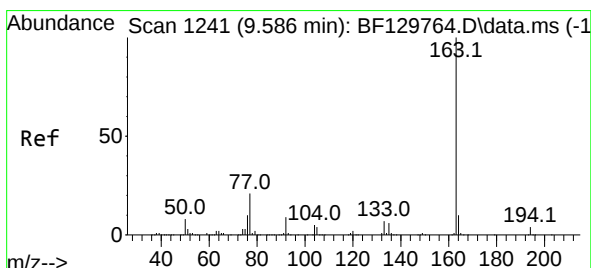
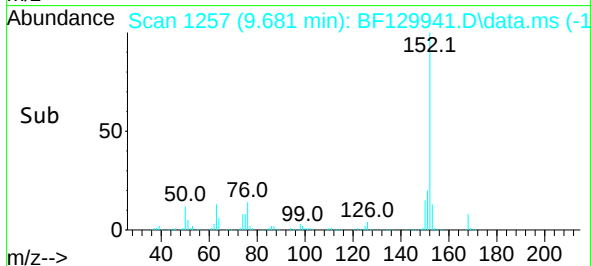
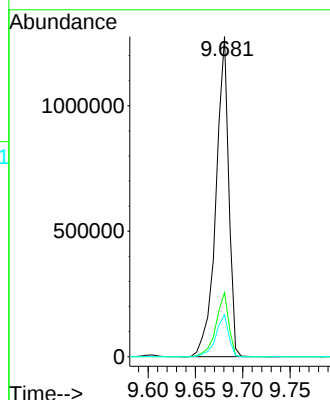
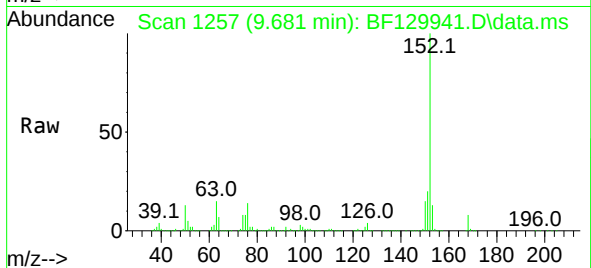
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#50

Dimethylphthalate

Concen: 41.201 ng

RT: 9.545 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

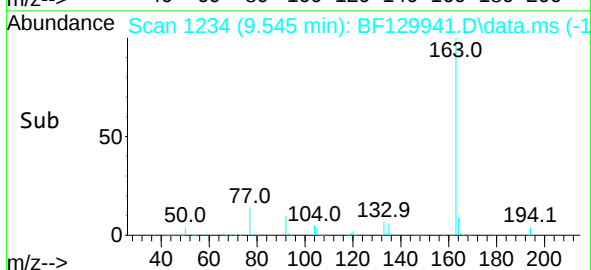
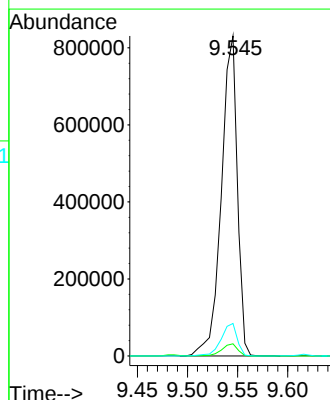
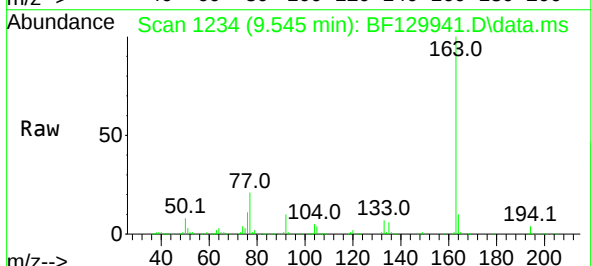
Tgt Ion:163 Resp: 918680

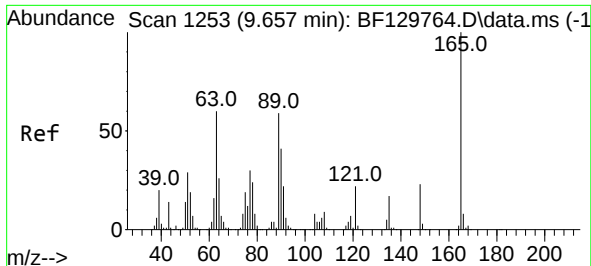
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

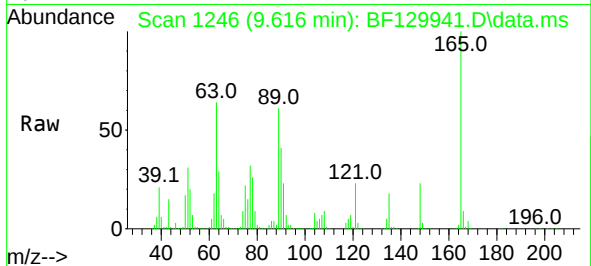
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.975 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

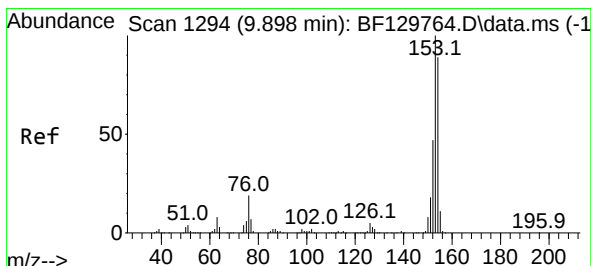
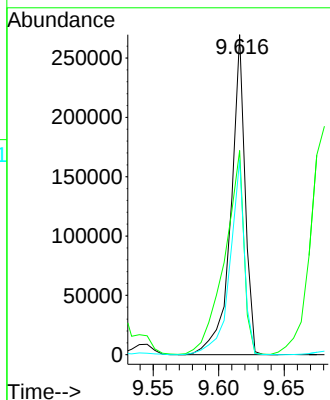
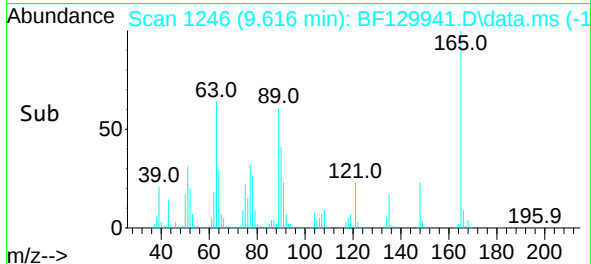
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



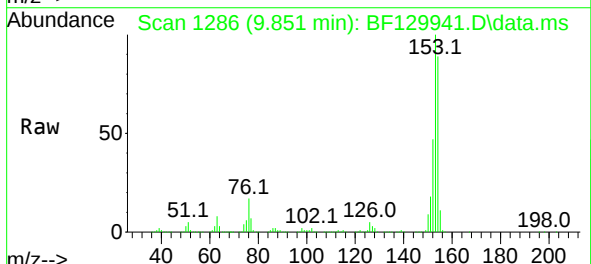
Tgt Ion:165 Resp: 203028
Ion Ratio Lower Upper
165 100
63 63.8 47.8 71.8
89 60.9 47.2 70.8

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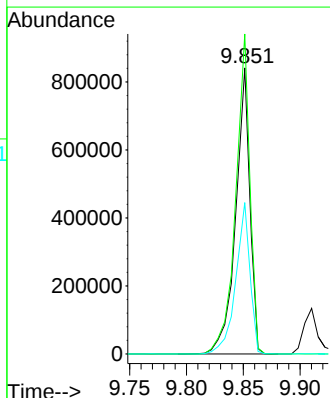
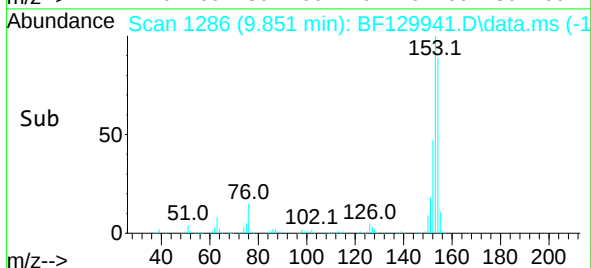
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

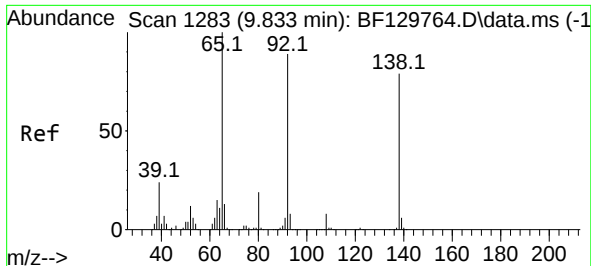


#52
Acenaphthene
Concen: 42.423 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:154 Resp: 729714
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 52.9 42.1 63.1





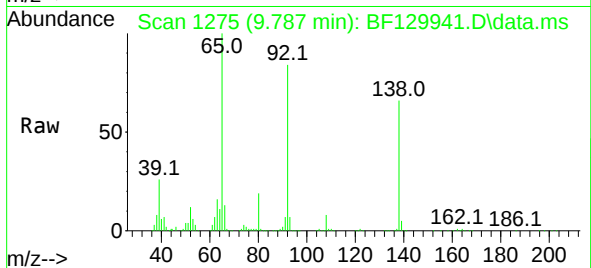
#53
3-Nitroaniline
Concen: 31.229 ng
RT: 9.787 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

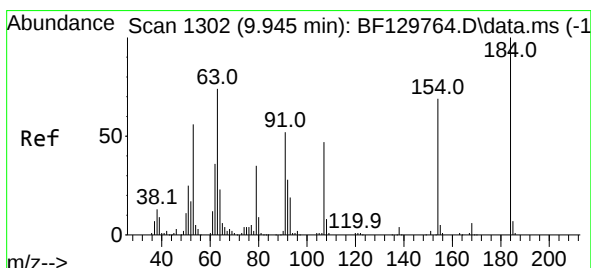
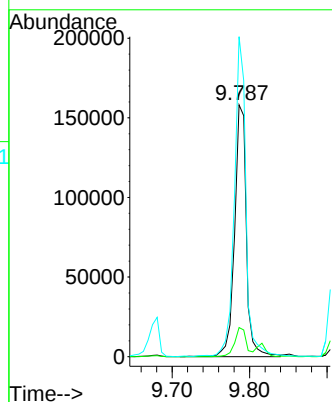
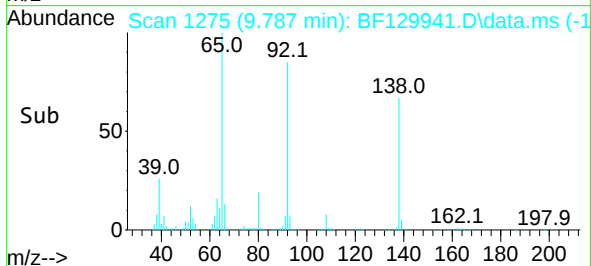


Tgt Ion:138 Resp: 167040
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 127.0 89.8 134.8

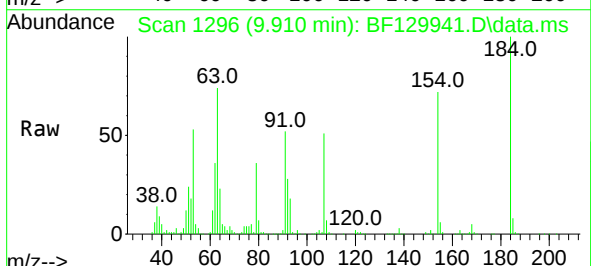
Manual Integrations

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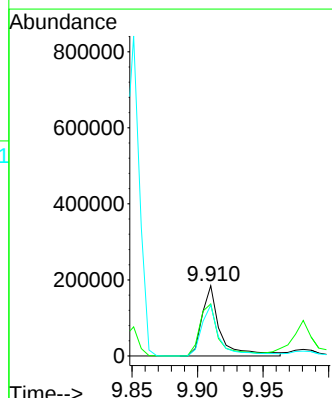
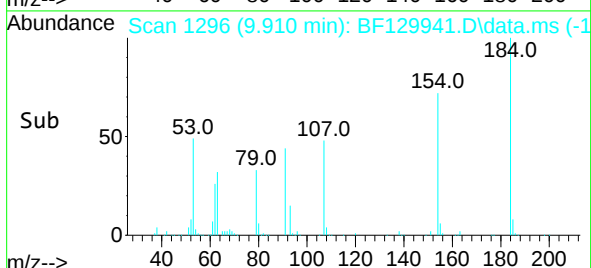
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

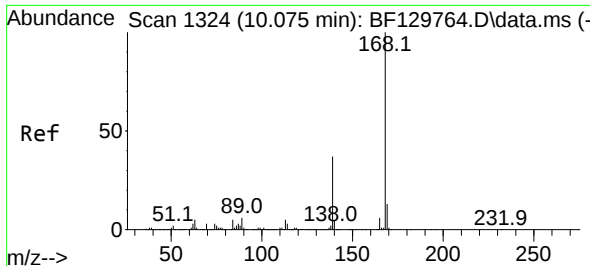


#54
2,4-Dinitrophenol
Concen: 81.317 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



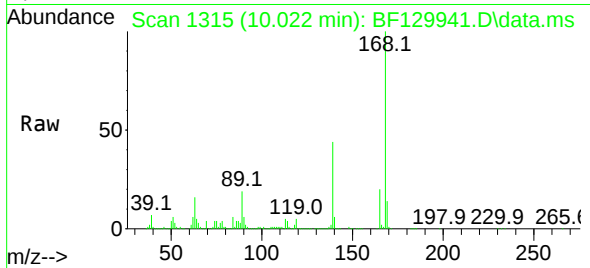
Tgt Ion:184 Resp: 178037
Ion Ratio Lower Upper
184 100
63 74.1 59.6 89.4
154 72.5 55.3 82.9





#55
Dibenzenofuran
Concen: 42.015 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

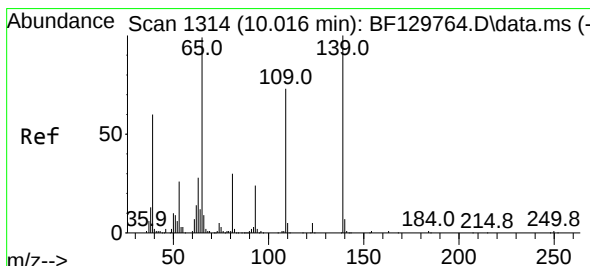
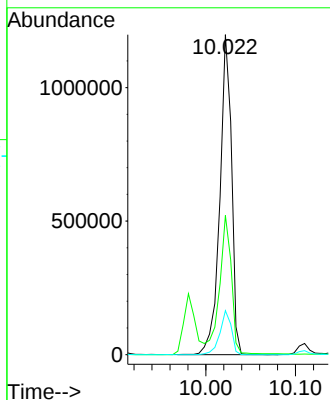
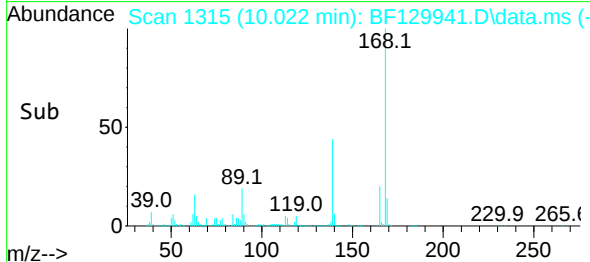
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion:168 Resp: 1085729
Ion Ratio Lower Upper
168 100
139 43.5 31.3 46.9
169 13.7 10.7 16.1

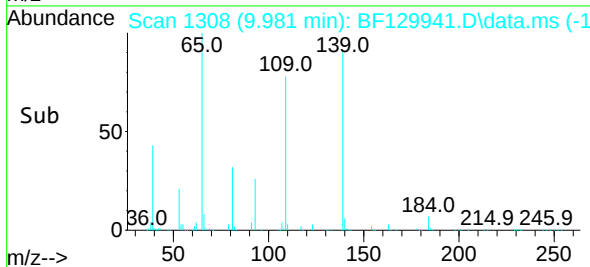
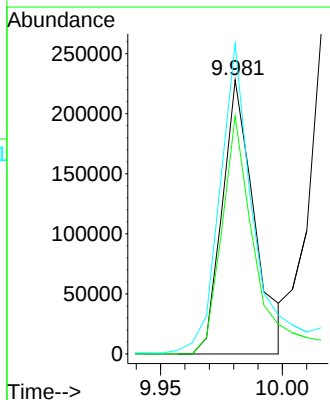
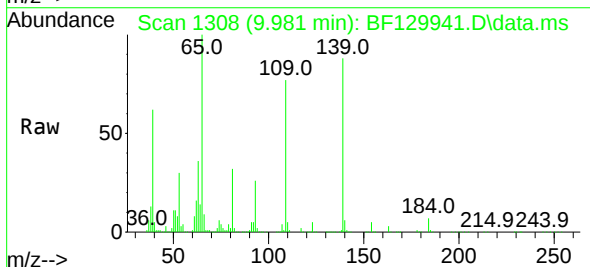
Manual Integrations
APPROVED

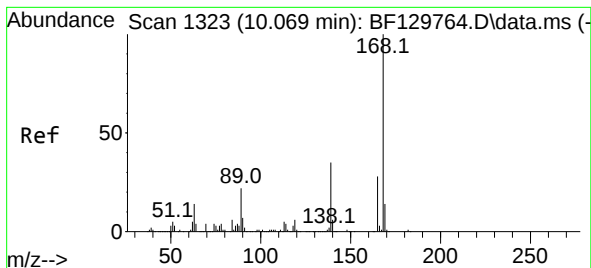
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#56
4-Nitrophenol
Concen: 88.214 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

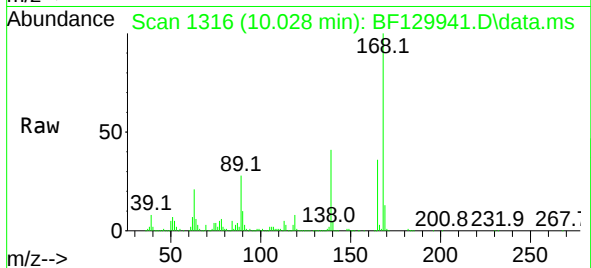
Tgt Ion:139 Resp: 209919
Ion Ratio Lower Upper
139 100
109 86.8 52.9 92.9
65 113.3 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 42.551 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

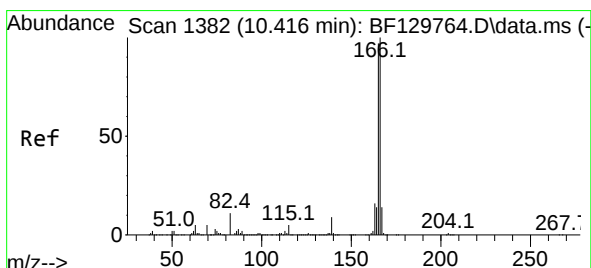
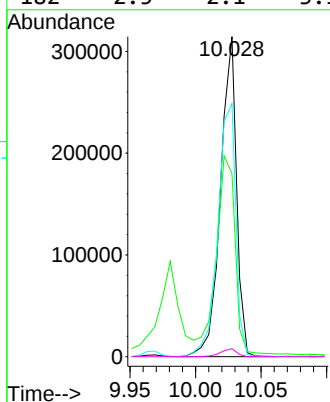
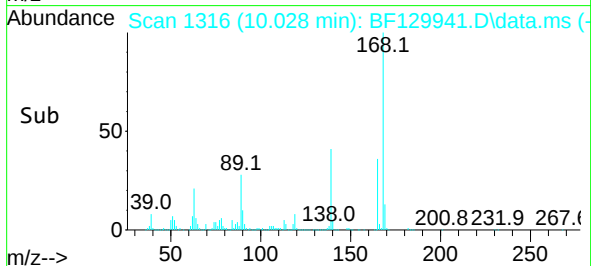
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



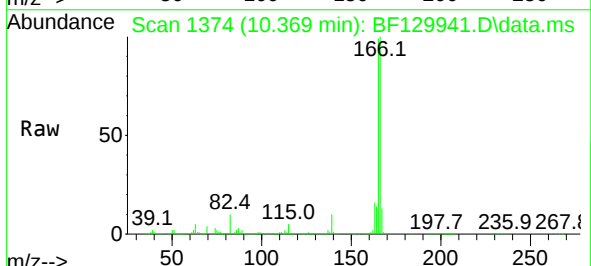
Tgt Ion:165 Resp: 267170
Ion Ratio Lower Upper
165 100
63 57.2 48.4 72.6
89 79.0 62.3 93.5
182 2.5 2.1 3.1

Manual Integrations
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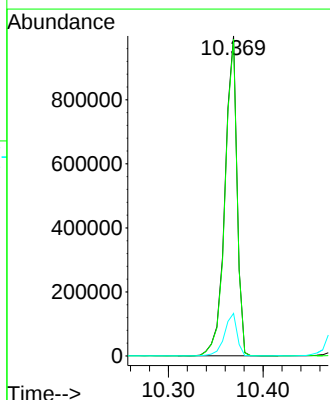
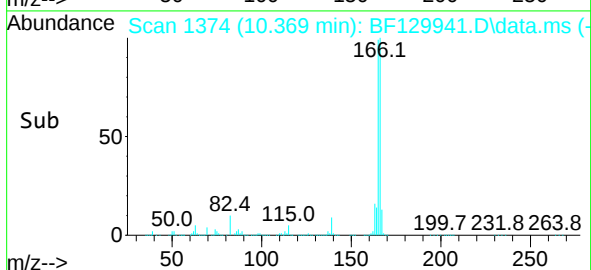
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

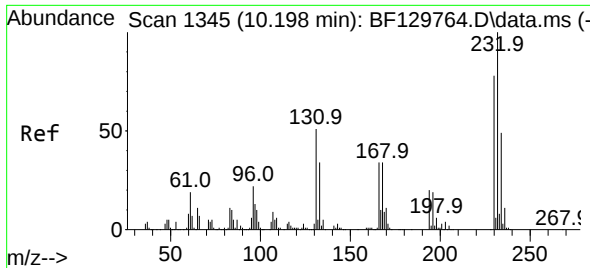


#58
Fluorene
Concen: 41.002 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



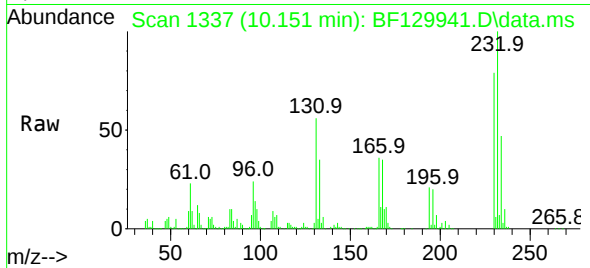
Tgt Ion:166 Resp: 884691
Ion Ratio Lower Upper
166 100
165 99.0 77.9 116.9
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.563 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

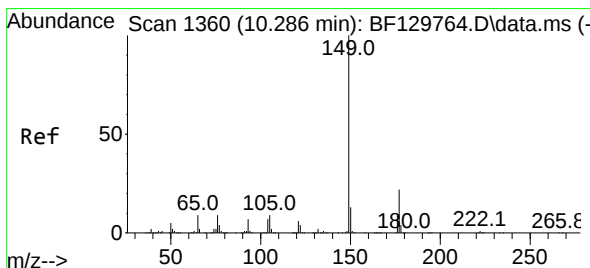
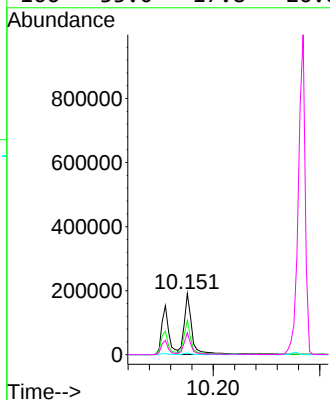
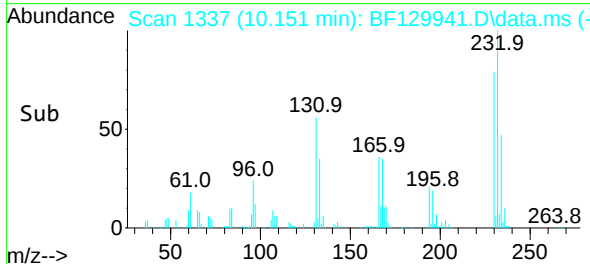
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



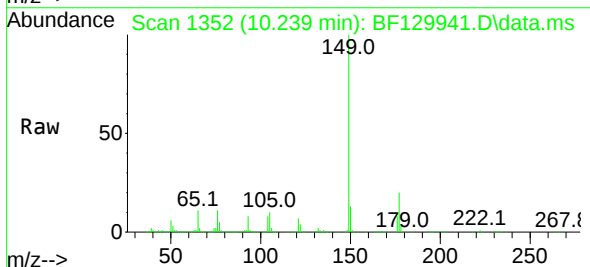
Tgt Ion:232 Resp: 18889
Ion Ratio Lower Upper
232 100
131 49.9 29.9 44.9
130 2.6 1.5 2.3
166 33.0 17.8 26.8

Manual Integrations
APPROVED

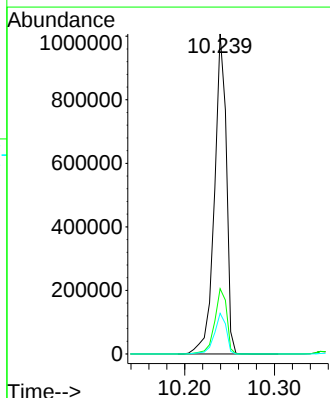
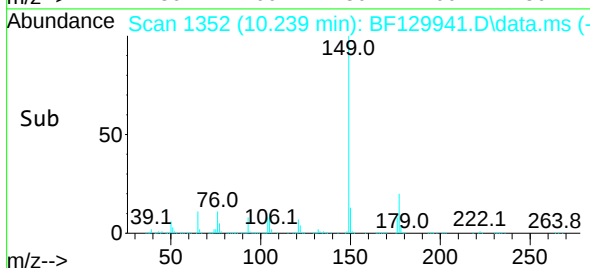
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

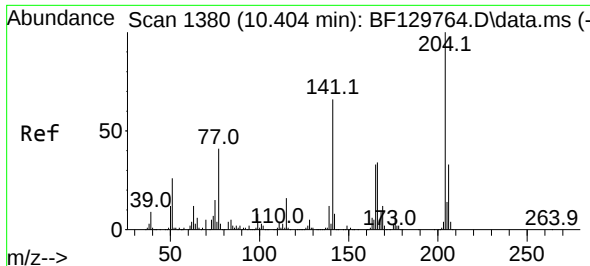


#60
Diethylphthalate
Concen: 41.717 ng
RT: 10.239 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



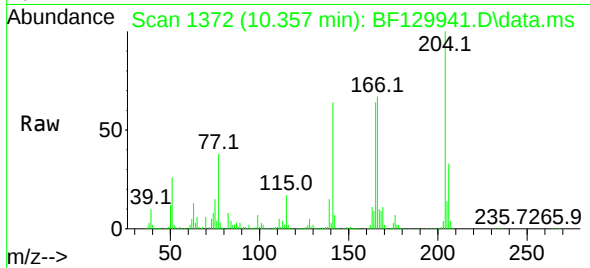
Tgt Ion:149 Resp: 927494
Ion Ratio Lower Upper
149 100
177 20.4 17.7 26.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.042 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

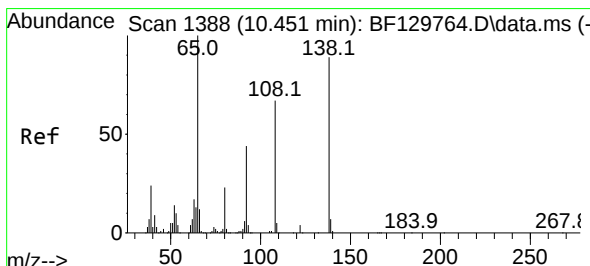
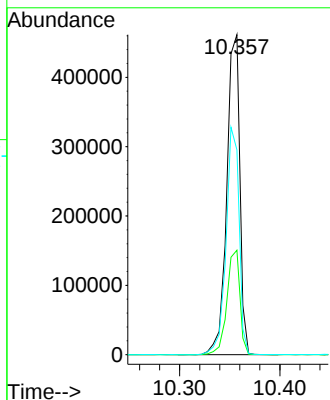
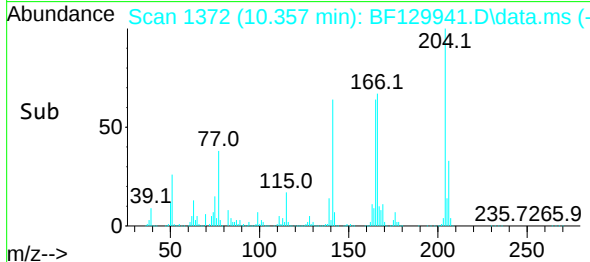
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



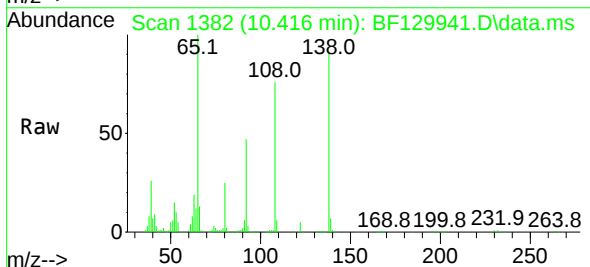
Tgt Ion:204 Resp: 416770
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 64.0 52.6 79.0

Manual Integrations
APPROVED

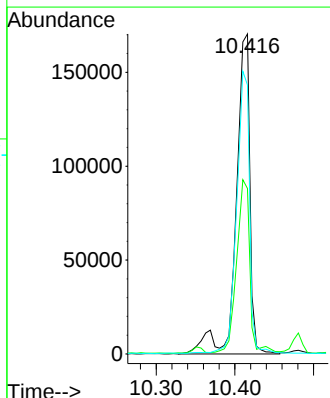
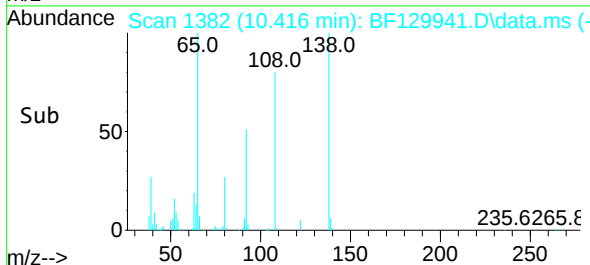
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

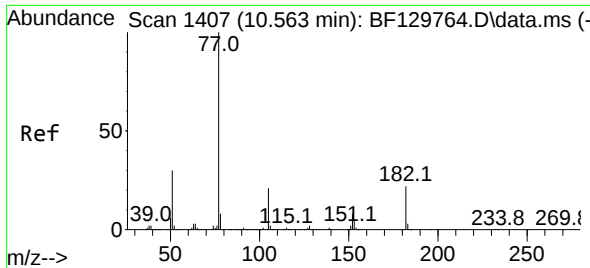


#62
4-Nitroaniline
Concen: 38.493 ng m
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



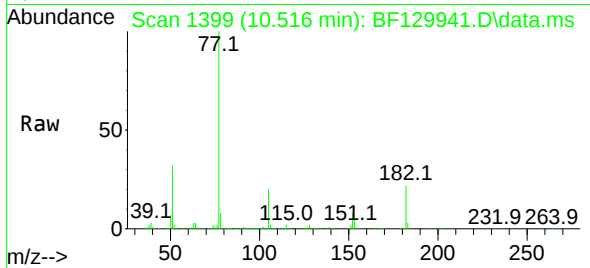
Tgt Ion:138 Resp: 207720
Ion Ratio Lower Upper
138 100
92 51.7 30.3 70.3
108 84.0 55.7 95.7





#63
Azobenzene
Concen: 42.594 ng
RT: 10.516 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

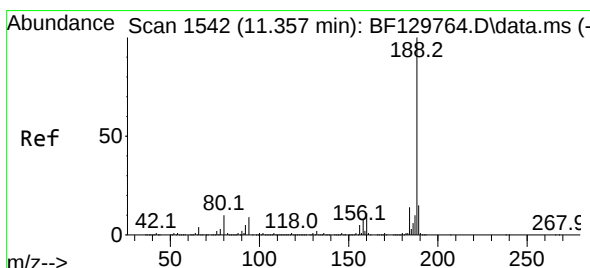
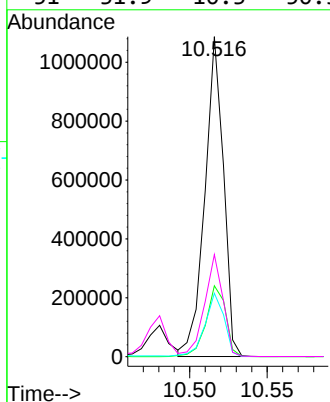
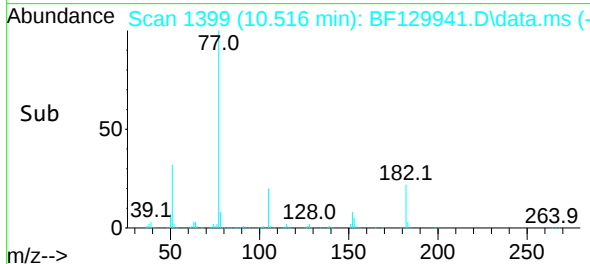
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



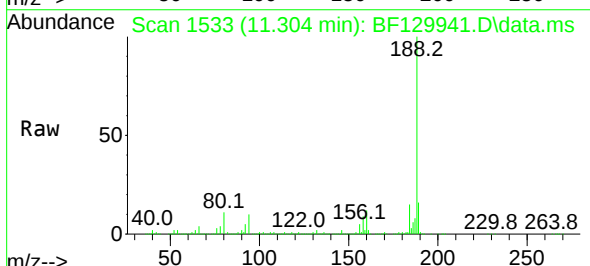
Tgt Ion: 77 Resp: 905178
Ion Ratio Lower Upper
77 100
182 22.2 2.2 42.2
105 19.8 0.8 40.8
51 31.9 10.3 50.3

Manual Integrations
APPROVED

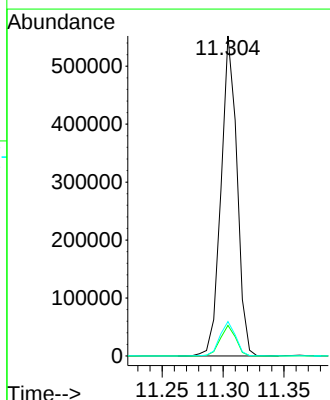
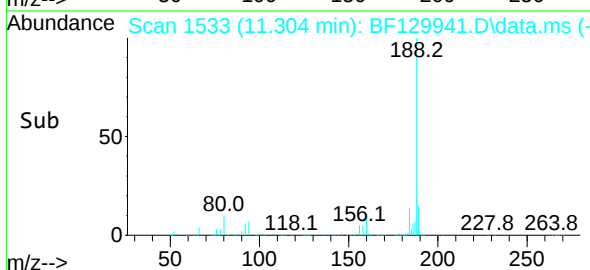
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:188 Resp: 504859
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.8 7.9 11.9





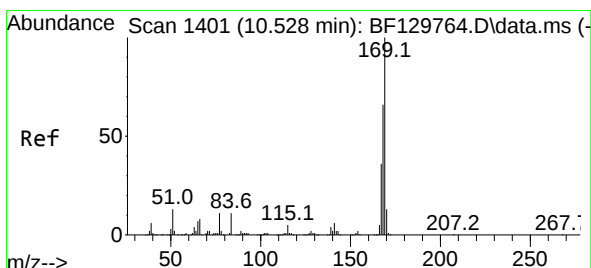
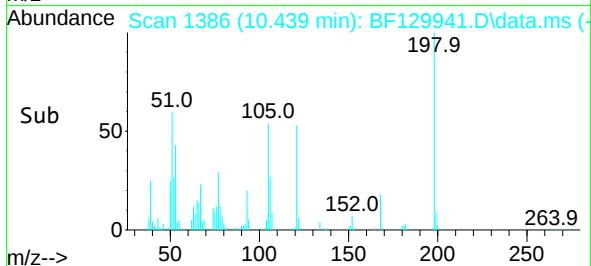
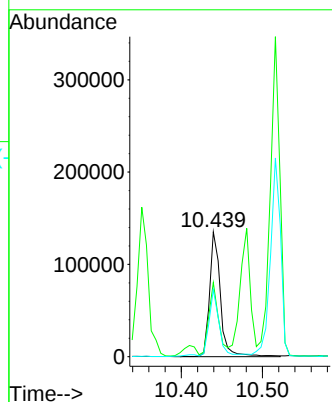
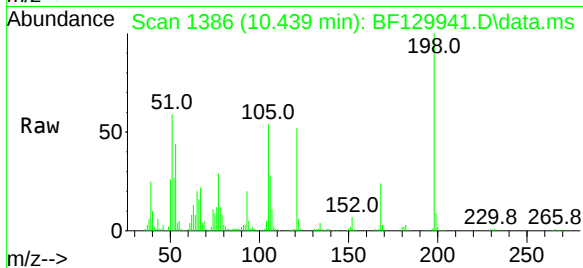
#65
4,6-Dinitro-2-methylphenol
Concen: 42.313 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS

Tgt Ion:198 Resp: 125408
Ion Ratio Lower Upper
198 100
51 59.3 29.4 69.4
105 53.8 29.2 69.2

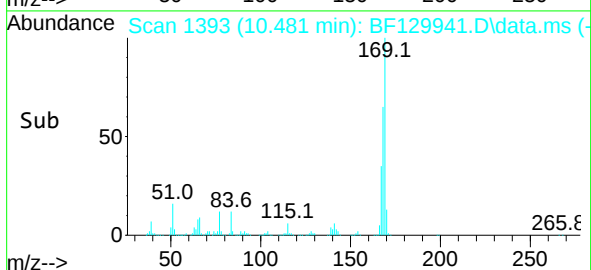
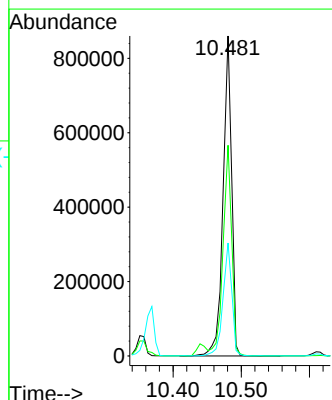
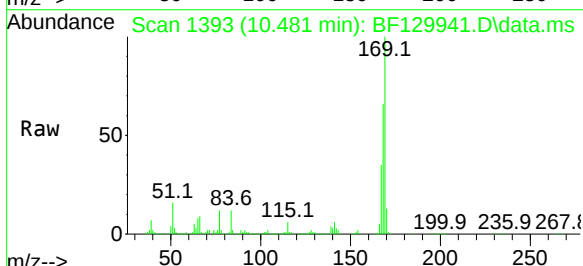
Manual Integrations
APPROVED

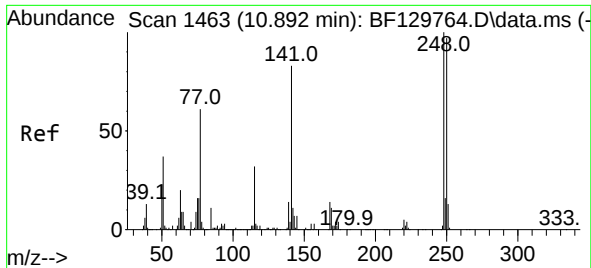
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022



#66
n-Nitrosodiphenylamine
Concen: 44.346 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Tgt Ion:169 Resp: 755650
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.2
167 35.3 29.1 43.7





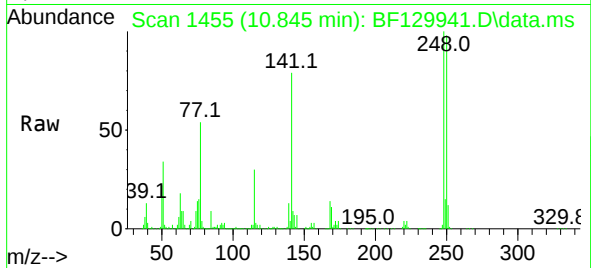
#67
4-Bromophenyl-phenylether
Concen: 43.980 ng
RT: 10.845 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

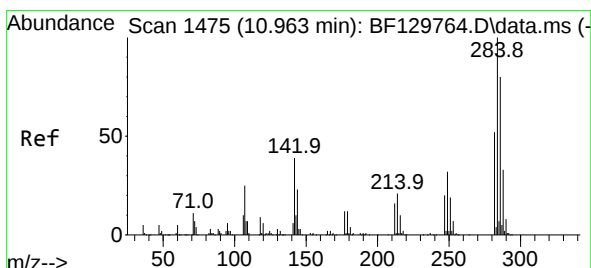
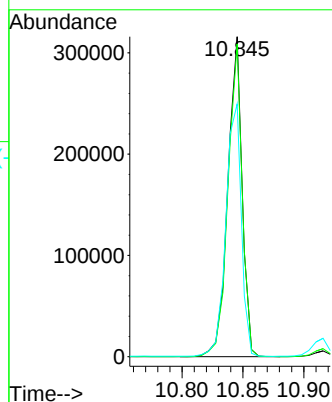
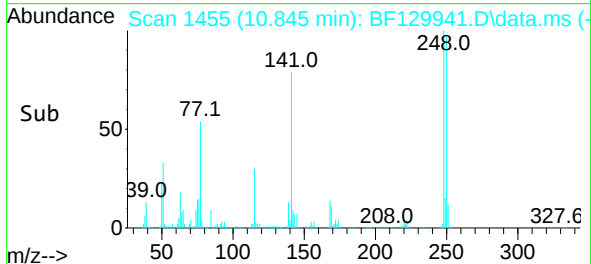


Tgt Ion:248 Resp: 260062
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 79.0 66.2 99.2

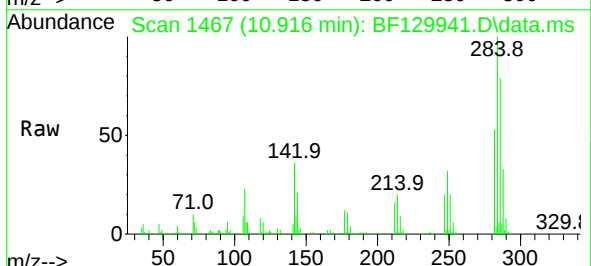
Manual Integrations

APPROVED

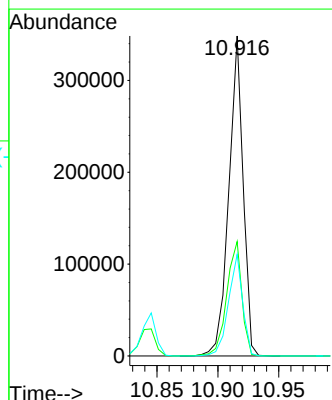
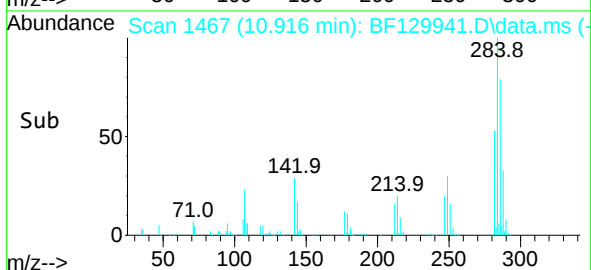
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

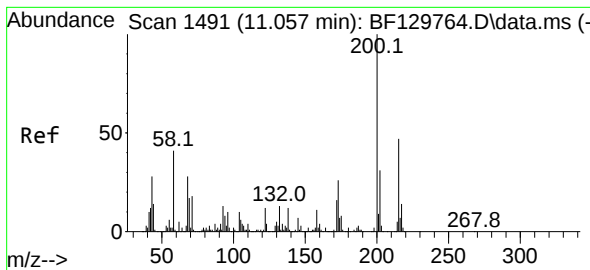


#68
Hexachlorobenzene
Concen: 44.693 ng
RT: 10.916 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



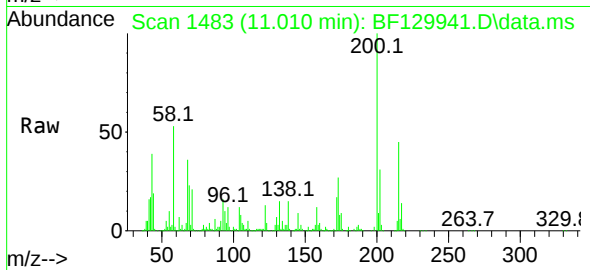
Tgt Ion:284 Resp: 286276
Ion Ratio Lower Upper
284 100
142 35.8 31.4 47.0
249 31.8 25.7 38.5





#69
 Atrazine
 Concen: 46.679 ng
 RT: 11.010 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: BF129941.D
 Acq: 22 Aug 2022 15:31

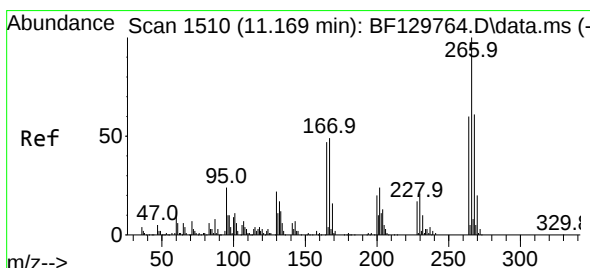
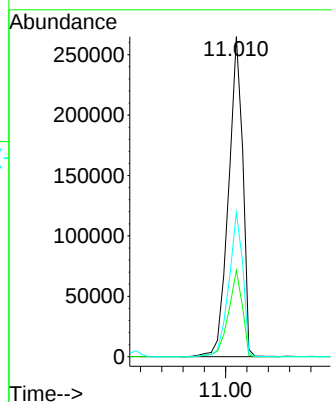
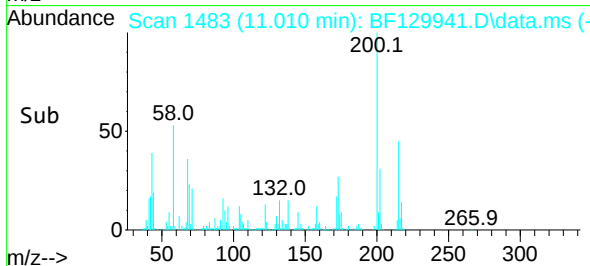
Instrument :
 BNA_F
 ClientSampleId :
 UST-NORTHMS



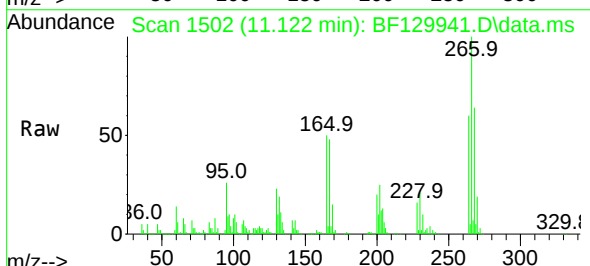
Tgt Ion:200 Resp: 244134
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.4 46.4
 215 45.0 27.1 67.1

Manual Integrations
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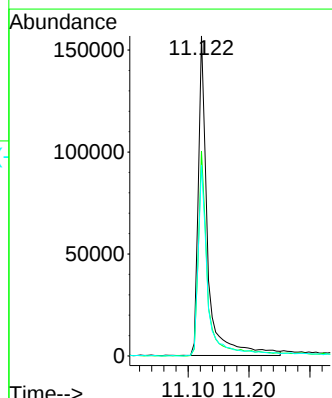
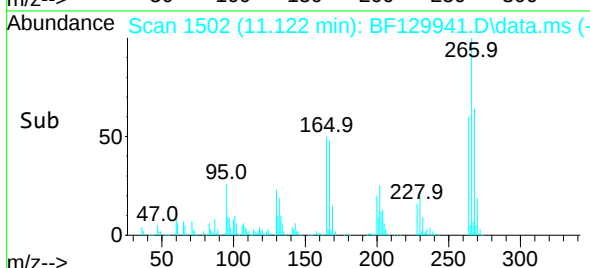
Reviewed By :Christian Giraldo 08/23/2022
 Supervised By :Sohil Jodhani 08/23/2022

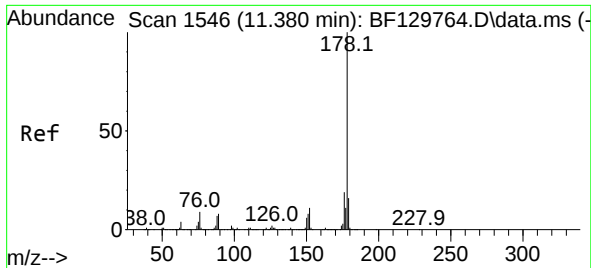


#70
 Pentachlorophenol
 Concen: 86.538 ng
 RT: 11.122 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BF129941.D
 Acq: 22 Aug 2022 15:31



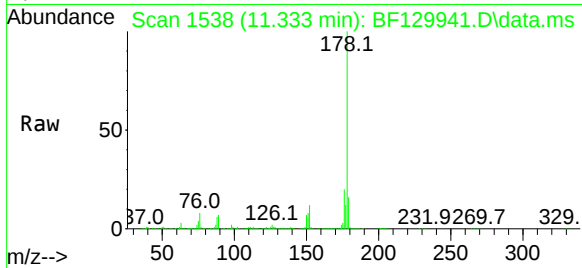
Tgt Ion:266 Resp: 167024
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.0 73.4
 264 59.7 47.9 71.9





#71
Phenanthrene
Concen: 42.818 ng
RT: 11.333 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

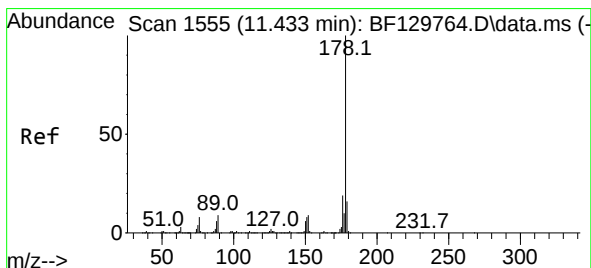
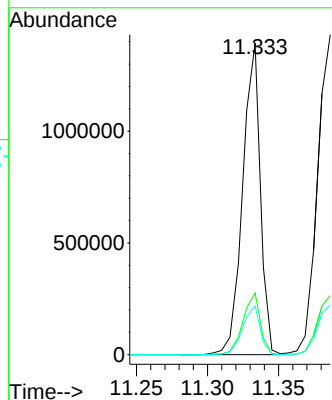
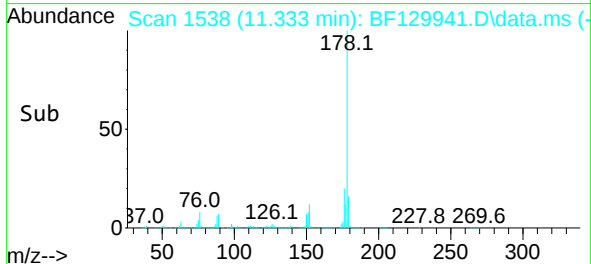
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



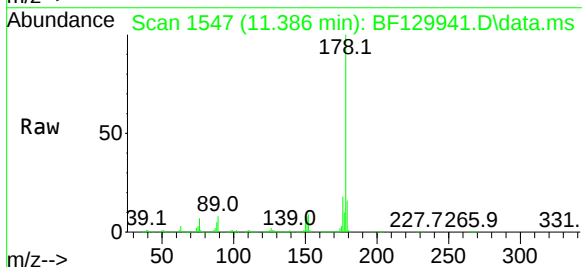
Tgt Ion:178 Resp: 1207310
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.6 12.5 18.7

Manual Integrations
APPROVED

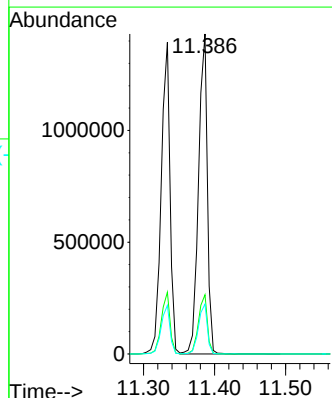
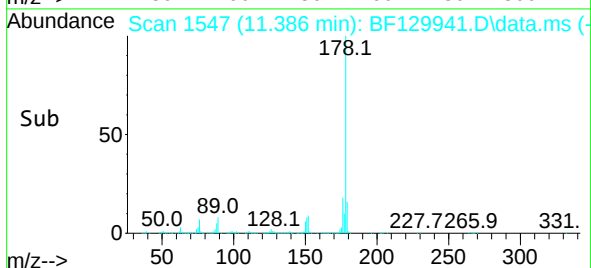
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

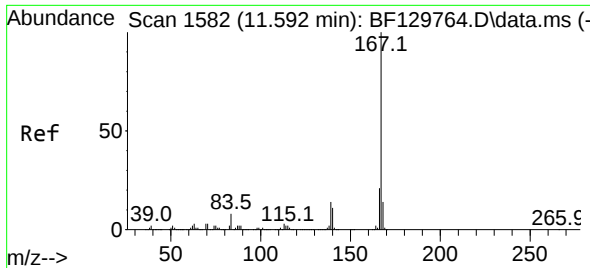


#72
Anthracene
Concen: 44.179 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



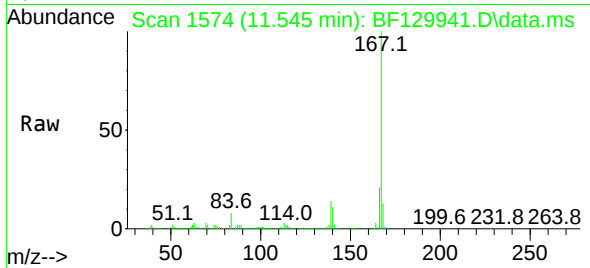
Tgt Ion:178 Resp: 1238775
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.6 12.6 18.8





#73
Carbazole
Concen: 43.765 ng
RT: 11.545 min Scan# 111396
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

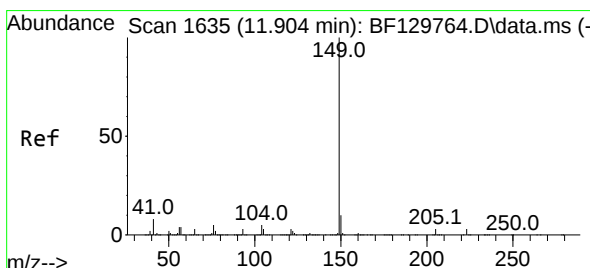
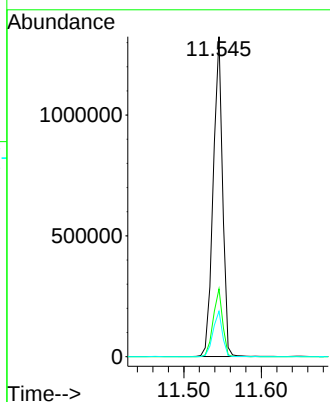
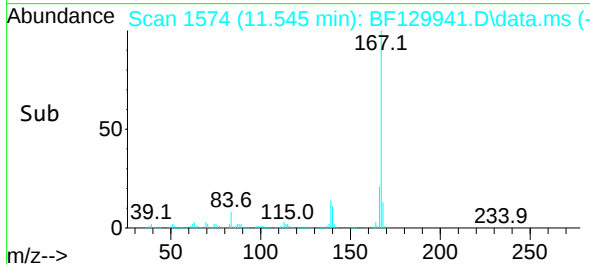
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



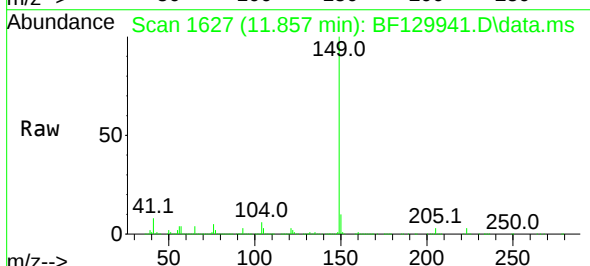
Tgt Ion:167 Resp: 111396
Ion Ratio Lower Upper
167 100
166 21.2 17.1 25.7
139 14.2 11.0 16.6

Manual Integrations
APPROVED

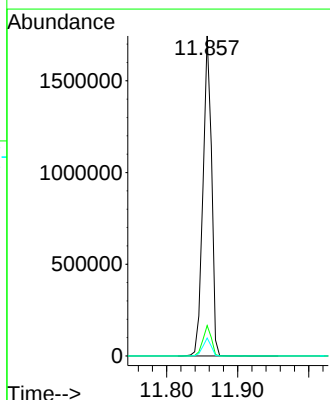
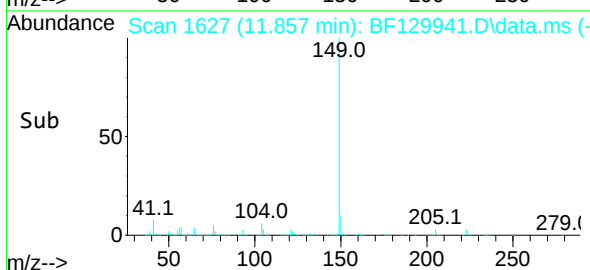
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

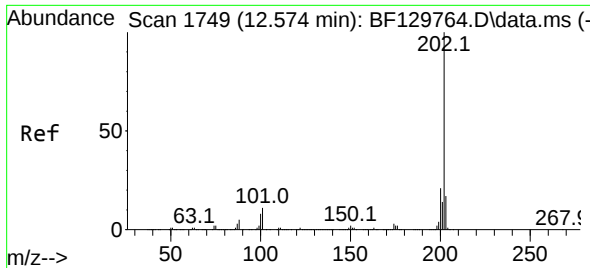


#74
Di-n-butylphthalate
Concen: 44.752 ng
RT: 11.857 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



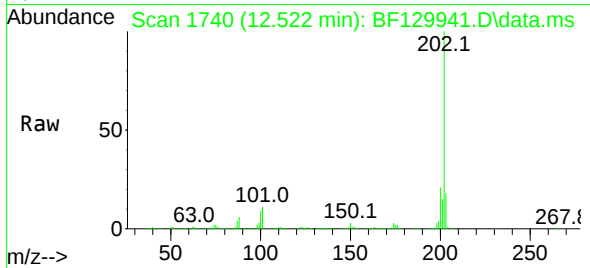
Tgt Ion:149 Resp: 1466024
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.6 4.2 6.4





#75
Fluoranthene
Concen: 41.988 ng
RT: 12.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

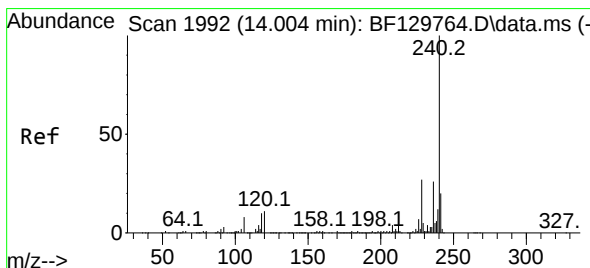
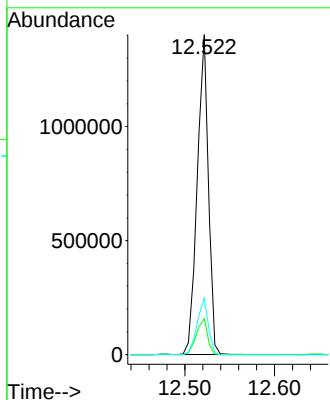
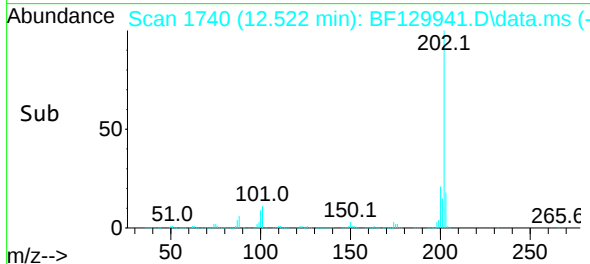
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



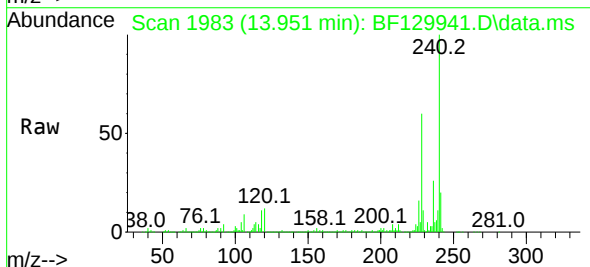
Tgt Ion:202 Resp: 121148
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 17.7 0.0 37.5

Manual Integrations
APPROVED

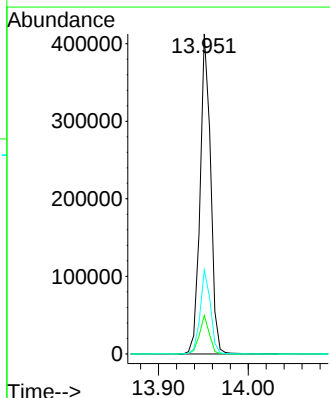
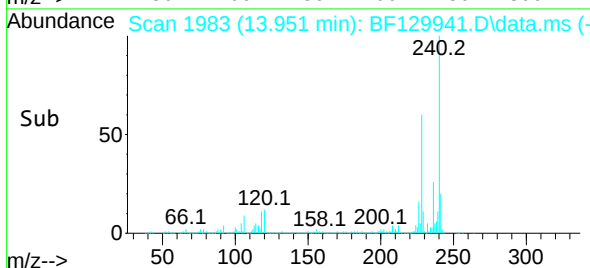
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

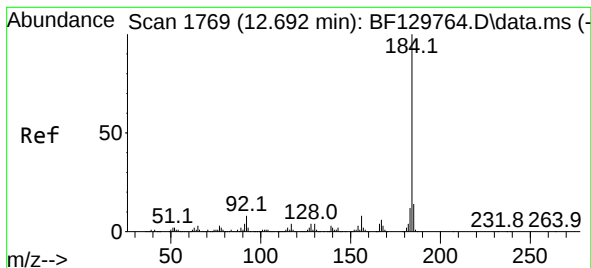


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:240 Resp: 335900
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.3 20.7 31.1





#77

Benzidine

Concen: 63.217 ng

RT: 12.645 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

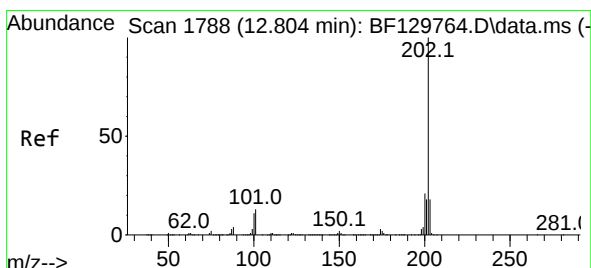
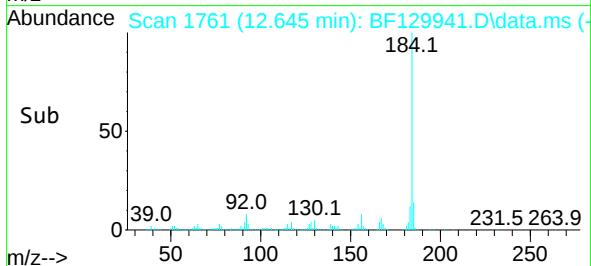
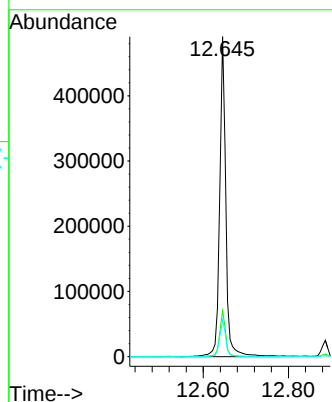
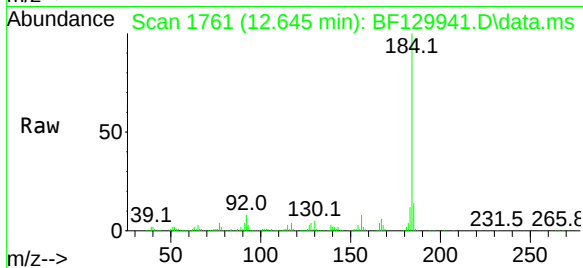
Tgt Ion:184	Resp: 492184
Ion Ratio	Lower Upper
184 100	
185 14.4	11.4 17.2
183 11.6	9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#78

Pyrene

Concen: 42.296 ng

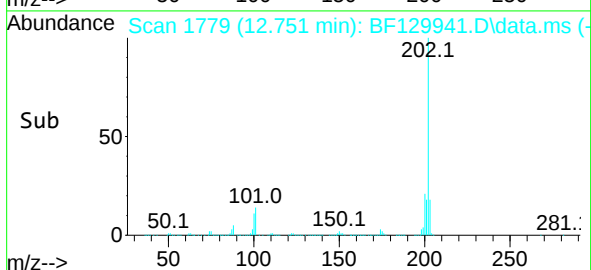
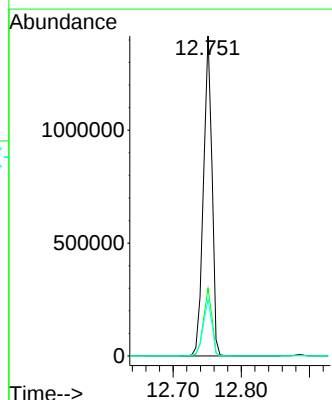
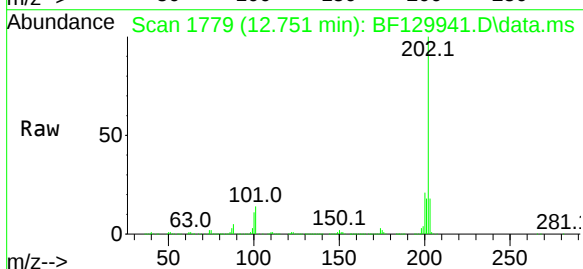
RT: 12.751 min Scan# 1779

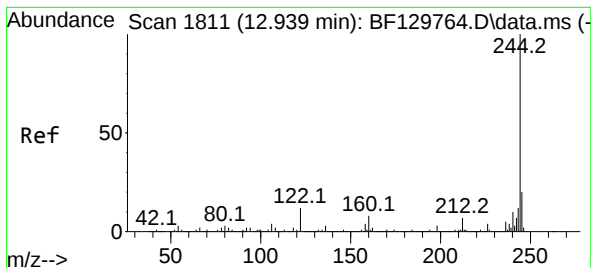
Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Tgt Ion:202	Resp: 1234589
Ion Ratio	Lower Upper
202 100	
200 21.2	17.0 25.6
203 17.5	14.1 21.1





#79

Terphenyl-d14

Concen: 75.854 ng

RT: 12.886 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

Tgt Ion:244 Resp: 1531269

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

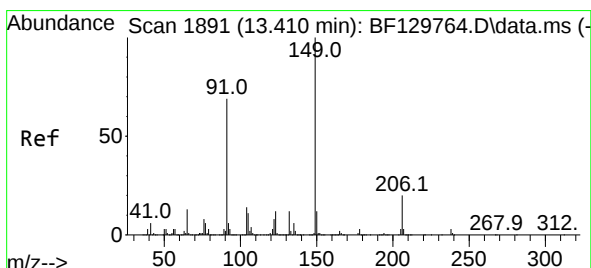
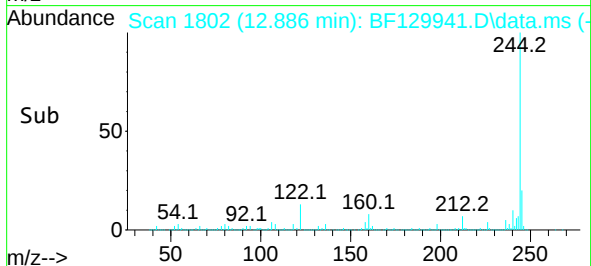
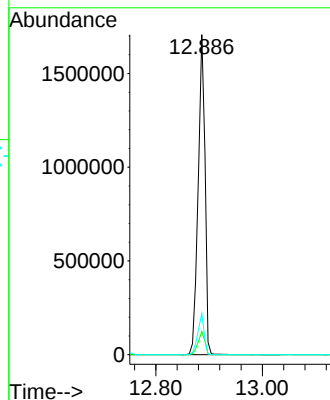
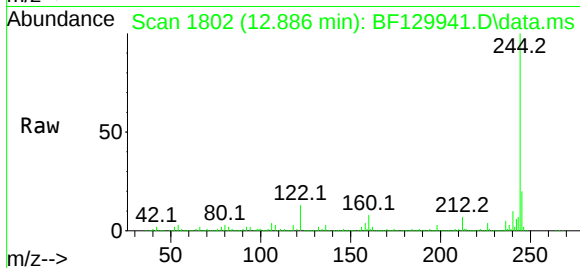
122 12.9 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#80

Butylbenzylphthalate

Concen: 45.068 ng

RT: 13.357 min Scan# 1882

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

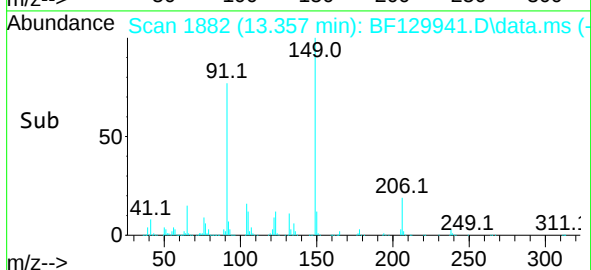
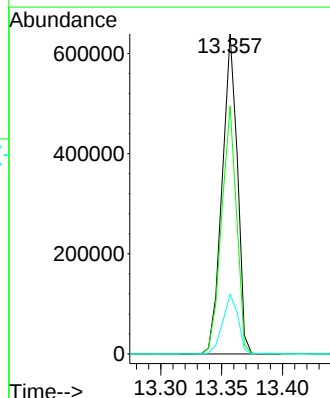
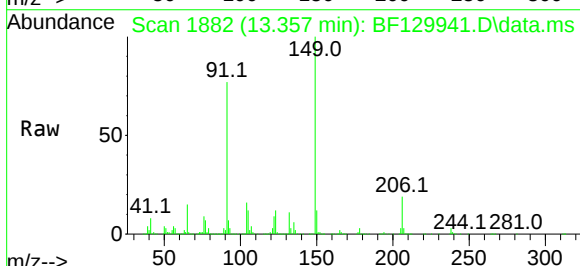
Tgt Ion:149 Resp: 556657

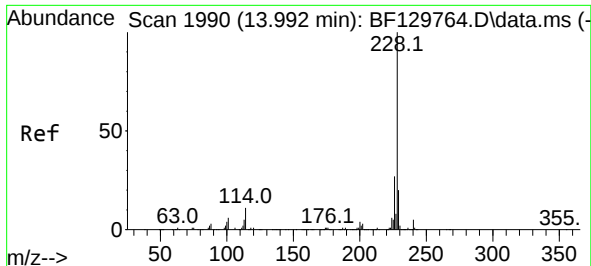
Ion Ratio Lower Upper

149 100

91 77.4 55.4 83.0

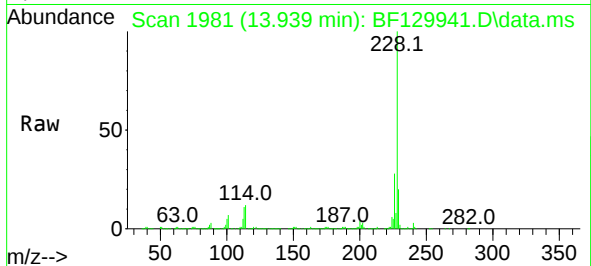
206 18.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 41.608 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

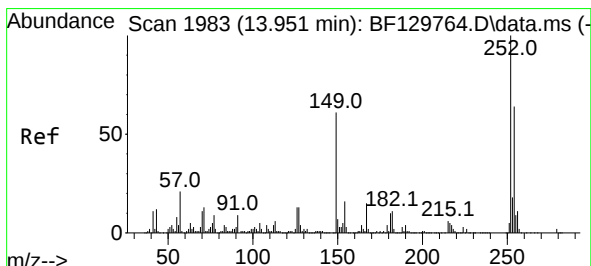
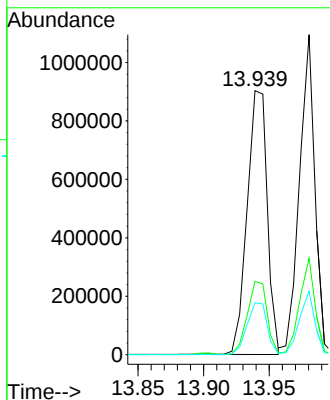
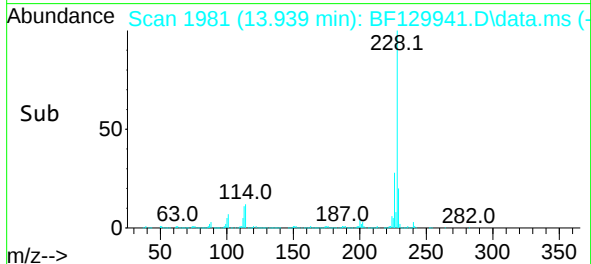
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



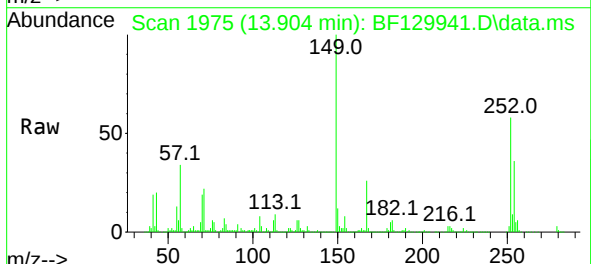
Tgt Ion:228 Resp: 961438
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 19.6 16.1 24.1

Manual Integrations
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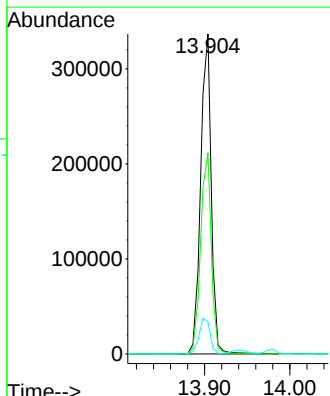
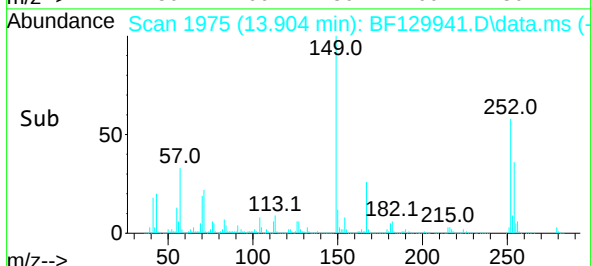
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

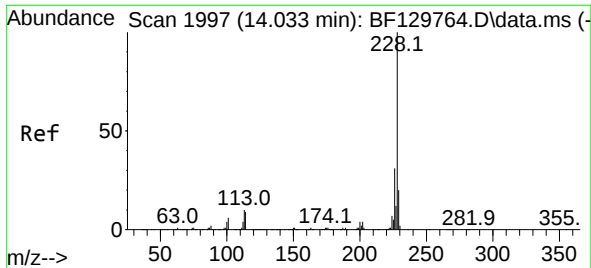


#82
3,3'-Dichlorobenzidine
Concen: 40.614 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



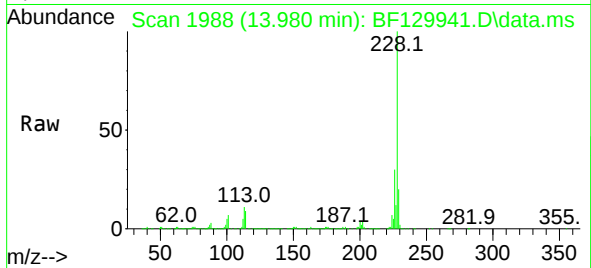
Tgt Ion:252 Resp: 290647
Ion Ratio Lower Upper
252 100
254 62.9 51.4 77.2
126 9.9 10.2 15.4#





#83
Chrysene
Concen: 41.749 ng
RT: 13.980 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

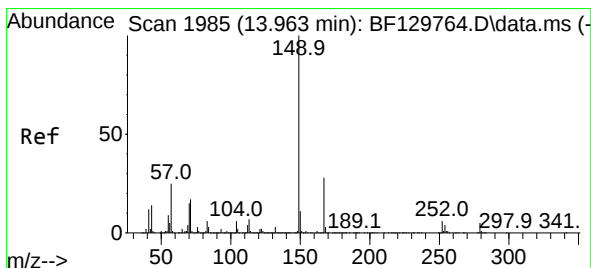
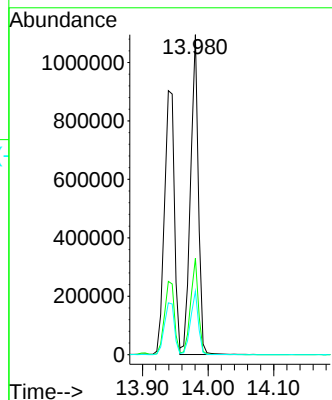
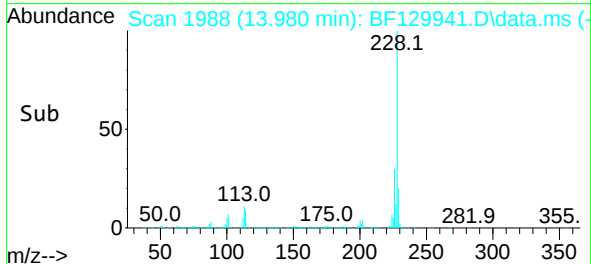
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



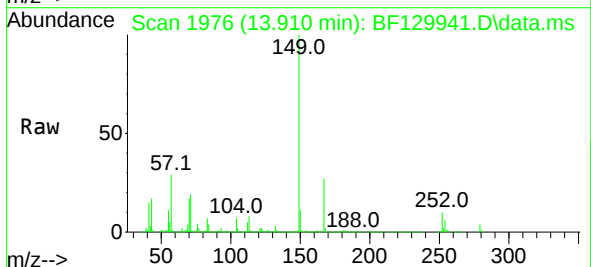
Tgt Ion:228 Resp: 903020
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.9 15.9 23.9

Manual Integrations
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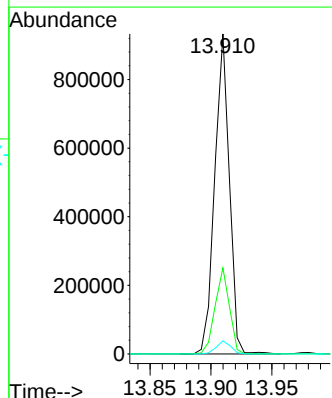
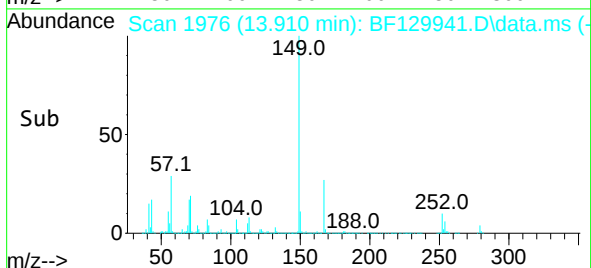
Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Sohil Jodhani 08/23/2022

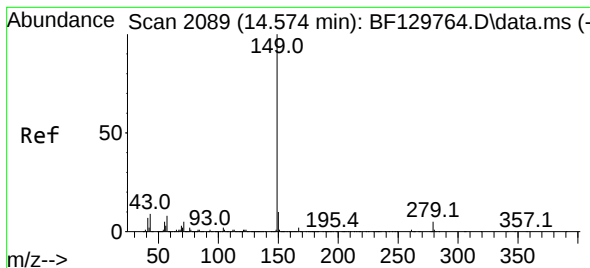


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.944 ng
RT: 13.910 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion:149 Resp: 775826
Ion Ratio Lower Upper
149 100
167 26.9 22.0 33.0
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 55.460 ng

RT: 14.522 min Scan# 2089

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

Tgt Ion:149 Resp: 112188

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

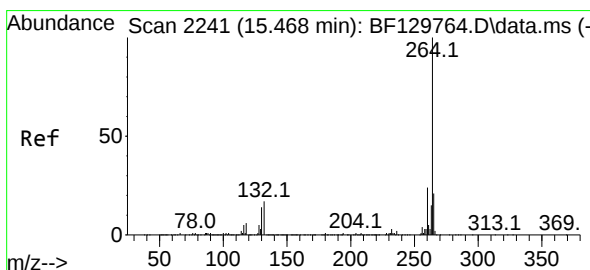
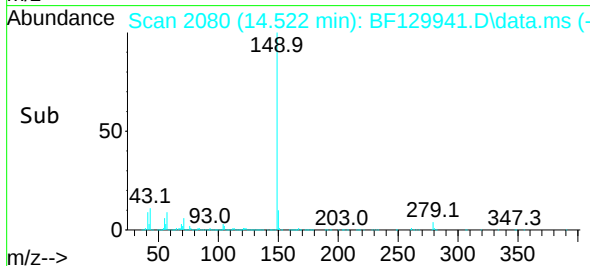
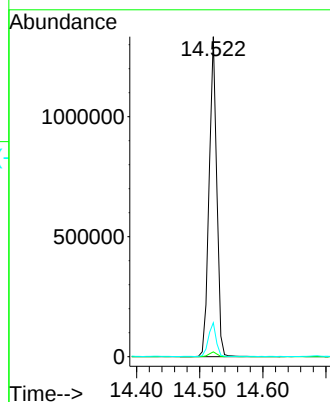
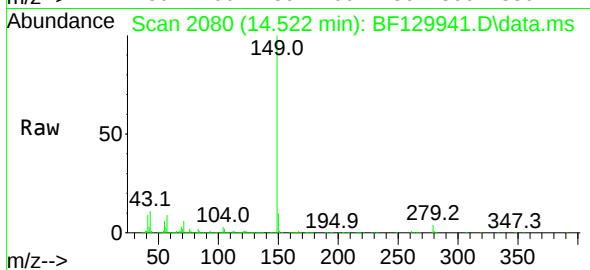
43 10.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2230

Delta R.T. 0.006 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

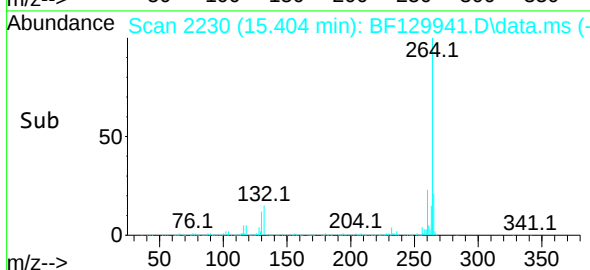
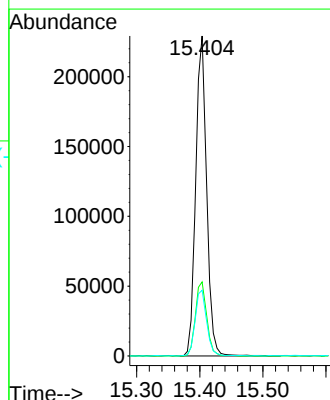
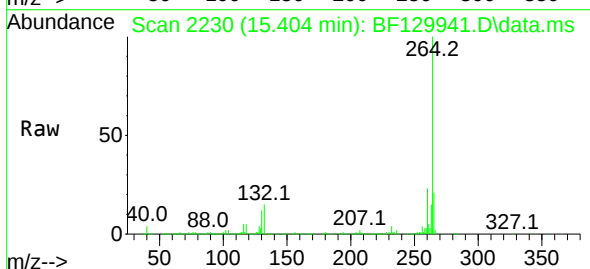
Tgt Ion:264 Resp: 275110

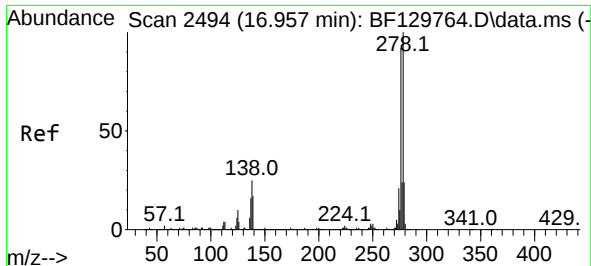
Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 20.6 16.7 25.1





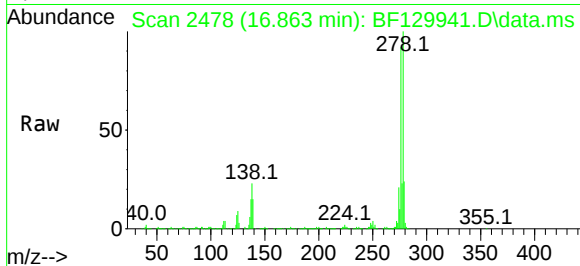
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.363 ng
RT: 16.863 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

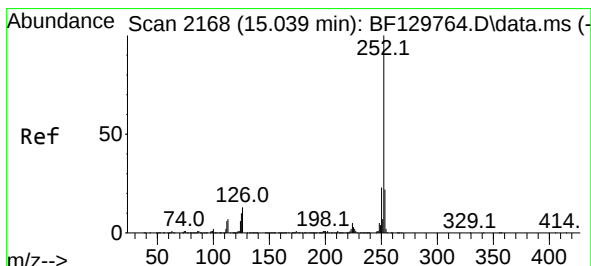
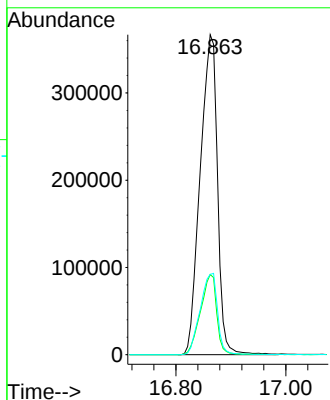
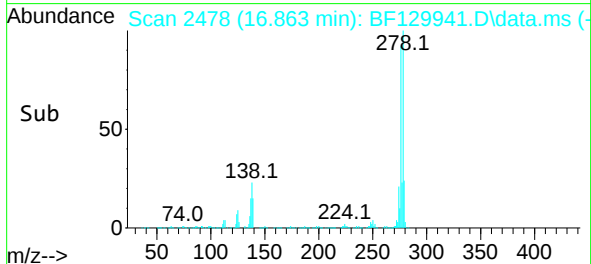


Tgt Ion: 276 Resp: 800100
Ion Ratio Lower Upper
276 100
138 23.6 19.8 29.8
277 25.4 20.4 30.6

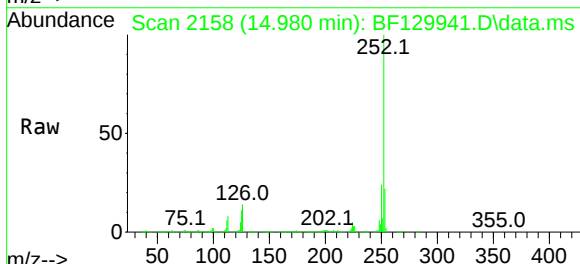
Manual Integrations

APPROVED

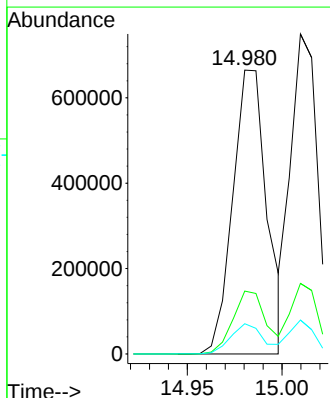
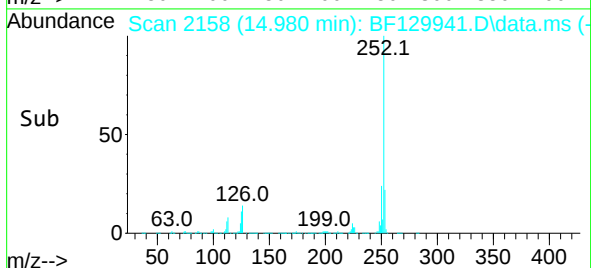
Reviewed By : Christian Giraldo 08/23/2022
Supervised By : Sohil Jodhani 08/23/2022

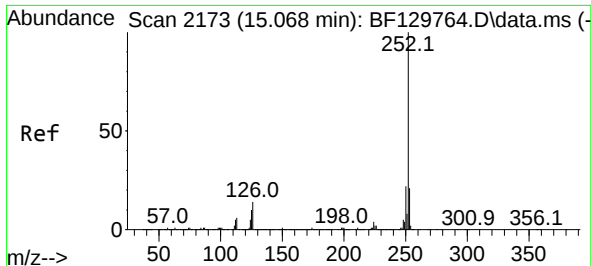


#88
Benzo(b)fluoranthene
Concen: 44.326 ng
RT: 14.980 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31



Tgt Ion: 252 Resp: 835023
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.6 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 41.969 ng

RT: 15.010 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

Instrument :

BNA_F

ClientSampleId :

UST-NORTHMS

Tgt Ion:252 Resp: 758219

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

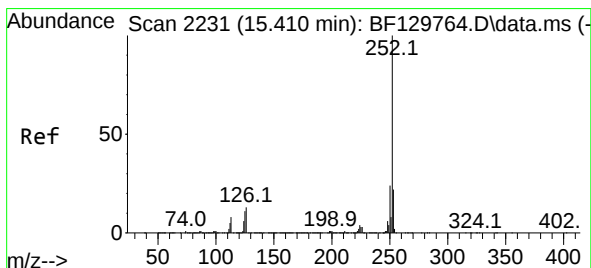
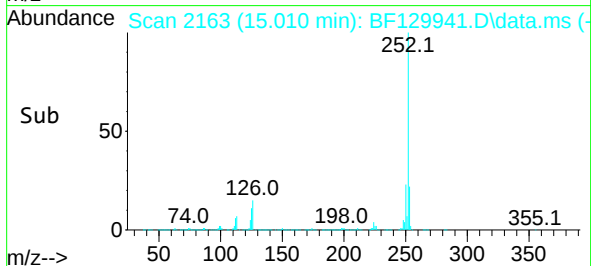
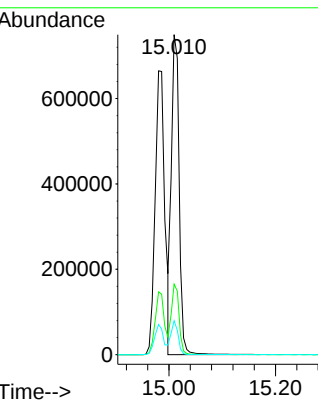
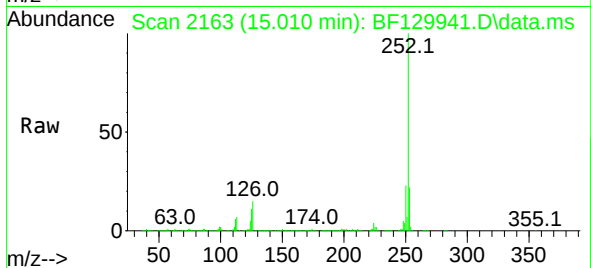
125 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022

Supervised By :Sohil Jodhani 08/23/2022



#90

Benzo(a)pyrene

Concen: 45.455 ng

RT: 15.345 min Scan# 2220

Delta R.T. 0.006 min

Lab File: BF129941.D

Acq: 22 Aug 2022 15:31

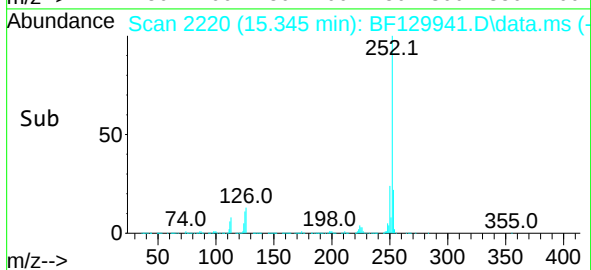
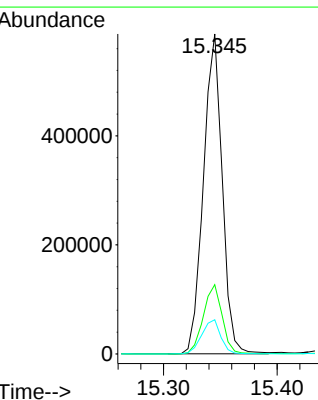
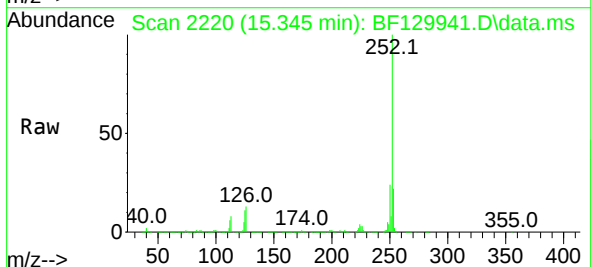
Tgt Ion:252 Resp: 674328

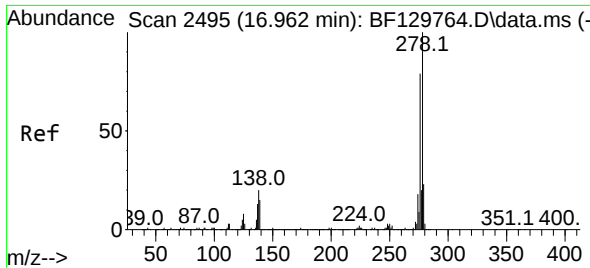
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

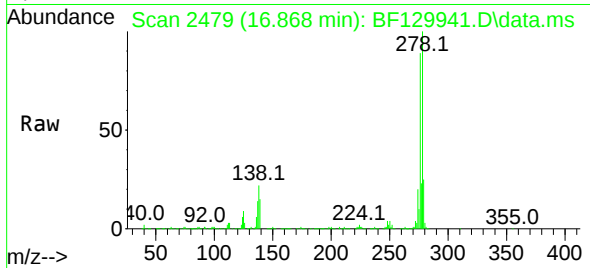
125 10.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.441 ng
RT: 16.868 min Scan# 2495
Delta R.T. 0.012 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

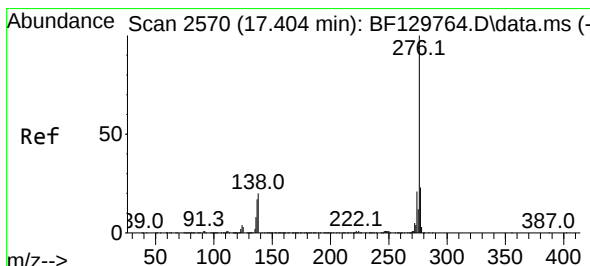
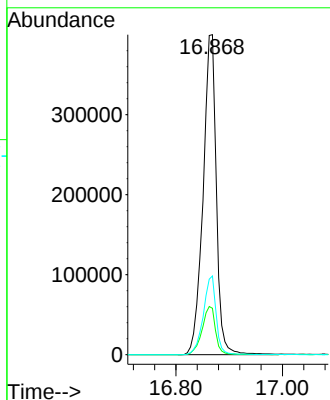
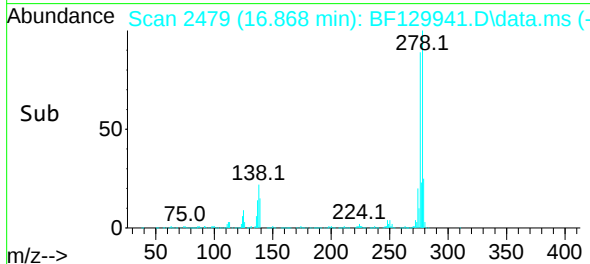
Instrument :
BNA_F
ClientSampleId :
UST-NORTHMS



Tgt Ion: 278 Resp: 692552
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 24.6 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/23/2022
Supervised By : Sohil Jodhani 08/23/2022



#92
Benzo(g,h,i)perylene
Concen: 44.418 ng
RT: 17.298 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF129941.D
Acq: 22 Aug 2022 15:31

Tgt Ion: 276 Resp: 690578
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.4
138 20.1 15.8 23.8

