

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129926.D
 Acq On : 20 Aug 2022 00:14
 Operator : CG\JU
 Sample : N4224-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816MS

Quant Time: Aug 20 07:56:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	155046	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	640770	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	345136	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	589005	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	350474	20.000	ng	0.00
86) Perylene-d12	15.421	264	285384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1149964	122.802	ng	0.01
7) Phenol-d6	6.451	99	1496863	127.644	ng	0.00
23) Nitrobenzene-d5	7.363	82	939442	78.484	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	441341	127.410	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1738852	76.520	ng	0.00
79) Terphenyl-d14	12.904	244	1781379	84.574	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	172099	44.546	ng	100
3) Pyridine	3.346	79	446617	44.174	ng	100
4) n-Nitrosodimethylamine	3.304	42	249548	53.558	ng	100
6) Aniline	6.457	93	546887	40.918	ng	95
8) 2-Chlorophenol	6.587	128	554297	53.171	ng	99
9) Benzaldehyde	6.345	77	314641	52.143	ng	99
10) Phenol	6.463	94	660977	51.384	ng	81
11) bis(2-Chloroethyl)ether	6.528	93	516067	52.832	ng	100
12) 1,3-Dichlorobenzene	6.728	146	568587	50.522	ng	98
13) 1,4-Dichlorobenzene	6.804	146	574727	49.979	ng	98
14) 1,2-Dichlorobenzene	6.957	146	540313	50.590	ng	99
15) Benzyl Alcohol	6.945	79	479361	54.147	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	670972	51.262	ng	91
17) 2-Methylphenol	7.063	107	439488	52.504	ng	99
18) Hexachloroethane	7.292	117	219849	50.911	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	387787	52.316	ng	96
20) 3+4-Methylphenols	7.216	107	578647	51.499	ng	91
22) Acetophenone	7.204	105	778667	49.867	ng	# 97
24) Nitrobenzene	7.381	77	583369	48.332	ng	97
25) Isophorone	7.616	82	1079244	52.385	ng	99
26) 2-Nitrophenol	7.692	139	306790	51.675	ng	98
27) 2,4-Dimethylphenol	7.739	122	472221	55.462	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	660334	54.895	ng	99
29) 2,4-Dichlorophenol	7.945	162	468196	50.289	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	464194	47.262	ng	96
31) Naphthalene	8.092	128	1588037	47.399	ng	100
32) Benzoic acid	7.904	122	225193	55.830	ng	94
33) 4-Chloroaniline	8.151	127	378186	28.705	ng	98
34) Hexachlorobutadiene	8.198	225	282120	47.173	ng	98
35) Caprolactam	8.551	113	147705m	51.017	ng	
36) 4-Chloro-3-methylphenol	8.657	107	521734	51.945	ng	98
37) 2-Methylnaphthalene	8.786	142	1071901	48.746	ng	100
38) 1-Methylnaphthalene	8.881	142	1013679	47.434	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	477485	49.741	ng	99
41) Hexachlorocyclopentadiene	8.928	237	328231	94.752	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	307861	49.361	ng	99

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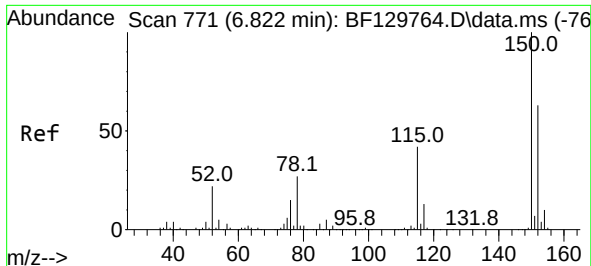
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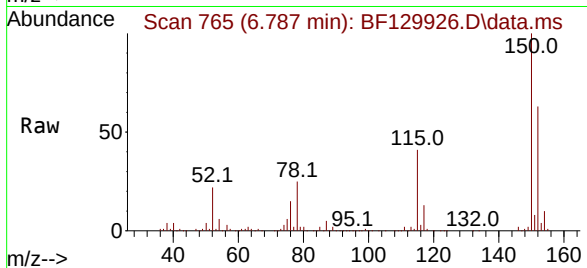
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	325478	48.506	ng	99
46) 1,1'-Biphenyl	9.251	154	1299555	49.564	ng	99
47) 2-Chloronaphthalene	9.275	162	1010560	48.711	ng	98
48) 2-Nitroaniline	9.386	65	330372	50.391	ng	95
49) Acenaphthylene	9.692	152	1500775	47.705	ng	100
50) Dimethylphthalate	9.557	163	1220481	49.329	ng	100
51) 2,6-Dinitrotoluene	9.628	165	270639	50.426	ng	99
52) Acenaphthene	9.863	154	922002	48.307	ng	99
53) 3-Nitroaniline	9.798	138	192494	32.432	ng	93
54) 2,4-Dinitrophenol	9.922	184	264202	106.904	ng	93
55) Dibenzofuran	10.033	168	1375234	47.960	ng	96
56) 4-Nitrophenol	9.998	139	279484	105.845	ng	92
57) 2,4-Dinitrotoluene	10.039	165	342566	49.169	ng	97
58) Fluorene	10.380	166	1158412	48.384	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	238642	48.462	ng	# 80
60) Diethylphthalate	10.257	149	1199093	48.605	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	529965	49.325	ng	98
62) 4-Nitroaniline	10.428	138	285877m	47.743	ng	
63) Azobenzene	10.527	77	1150191	48.777	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	181246	52.417	ng	88
66) n-Nitrosodiphenylamine	10.492	169	993745	49.987	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	342560	49.655	ng	99
68) Hexachlorobenzene	10.927	284	375778	50.285	ng	98
69) Atrazine	11.022	200	320033	52.450	ng	98
70) Pentachlorophenol	11.133	266	235523	103.514	ng	98
71) Phenanthrene	11.345	178	1583237	48.129	ng	100
72) Anthracene	11.398	178	1610589	49.234	ng	100
73) Carbazole	11.557	167	1468920	49.466	ng	99
74) Di-n-butylphthalate	11.869	149	1866072	48.826	ng	100
75) Fluoranthene	12.533	202	1583408	47.039	ng	97
77) Benzidine	12.657	184	474676	57.973	ng	100
78) Pyrene	12.763	202	1570078	51.552	ng	99
80) Butylbenzylphthalate	13.368	149	698253	54.181	ng	94
81) Benzo(a)anthracene	13.957	228	1147208	47.584	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	254609	34.099	ng	99
83) Chrysene	13.992	228	1060569	46.994	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	896817	58.656	ng	98
85) Di-n-octyl phthalate	14.533	149	1231076	58.327	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1048585	53.521	ng	100
88) Benzo(b)fluoranthene	14.998	252	956207	48.931	ng	99
89) Benzo(k)fluoranthene	15.027	252	946340	50.496	ng	98
90) Benzo(a)pyrene	15.362	252	827193	53.752	ng	100
91) Dibenzo(a,h)anthracene	16.892	278	898879	55.604	ng	99
92) Benzo(g,h,i)perylene	17.327	276	913702	56.654	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

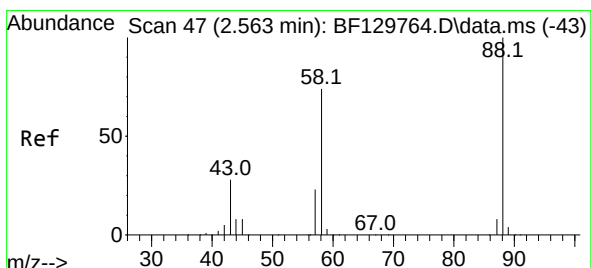
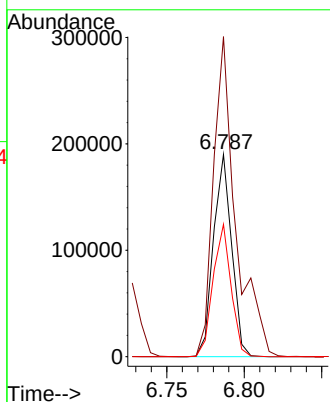
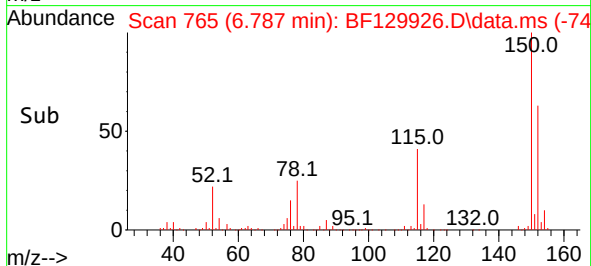
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:152 Resp: 155040
Ion Ratio Lower Upper
152 100
150 158.2 126.9 190.3
115 65.4 53.4 80.0

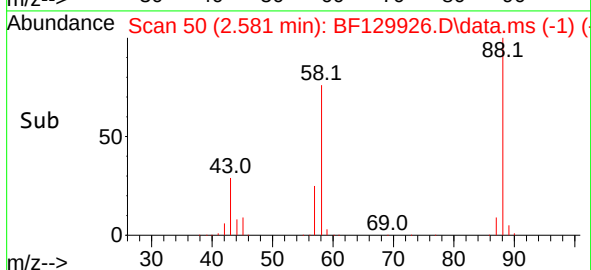
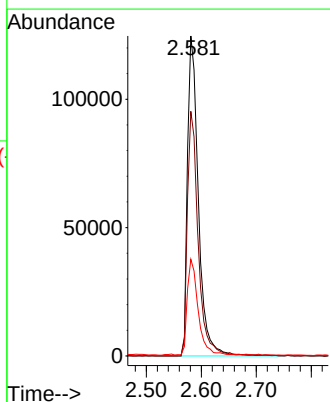
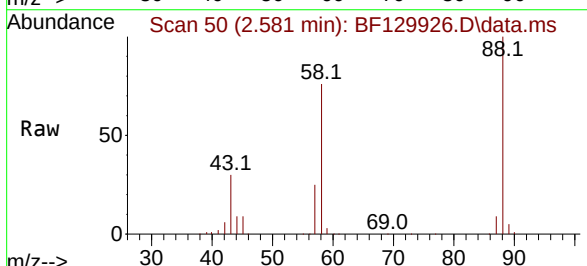
Manual Integrations
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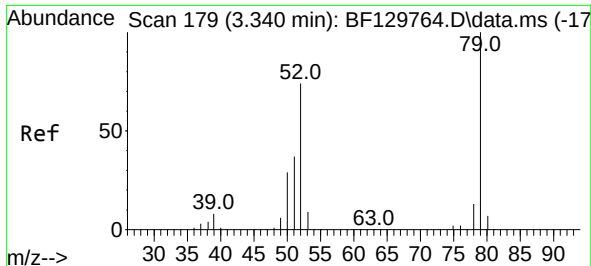
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#2
1,4-Dioxane
Concen: 44.546 ng
RT: 2.581 min Scan# 50
Delta R.T. 0.112 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

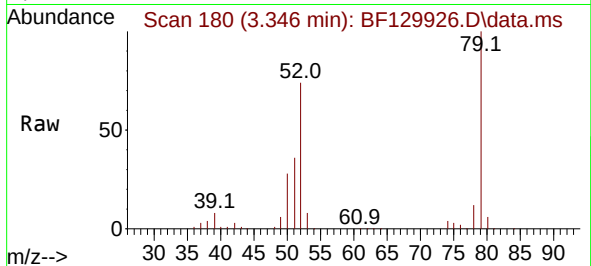
Tgt Ion: 88 Resp: 172099
Ion Ratio Lower Upper
88 100
58 75.7 60.9 91.3
43 29.7 23.6 35.4





#3
Pyridine
Concen: 44.174 ng
RT: 3.346 min Scan# 179
Delta R.T. 0.112 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

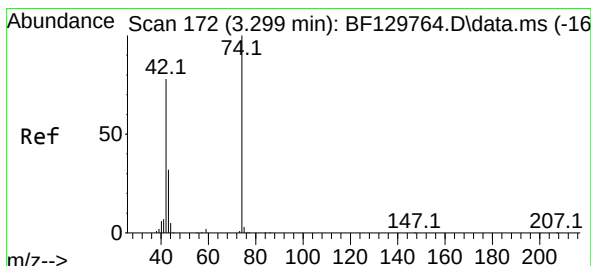
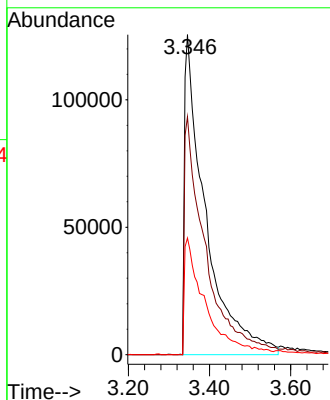
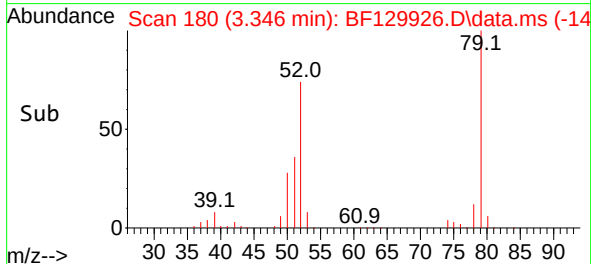
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



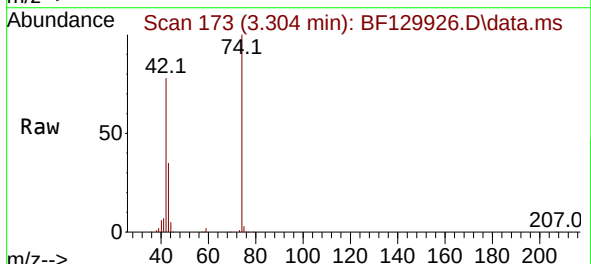
Tgt Ion: 79 Resp: 44661
Ion Ratio Lower Upper
79 100
52 74.4 59.4 89.2
51 36.5 29.5 44.3

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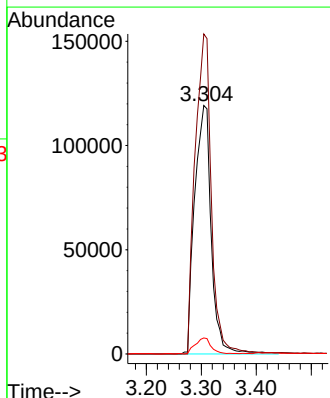
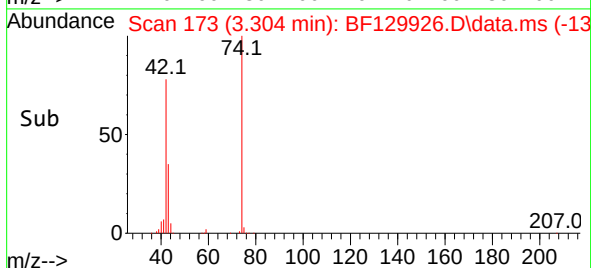
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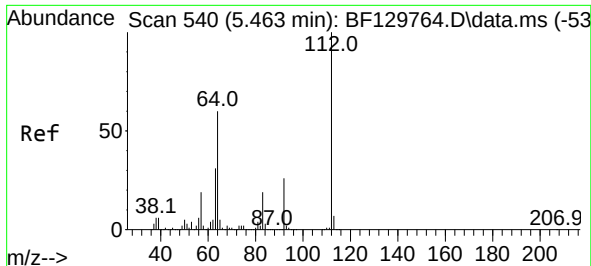


#4
n-Nitrosodimethylamine
Concen: 53.558 ng
RT: 3.304 min Scan# 173
Delta R.T. 0.112 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



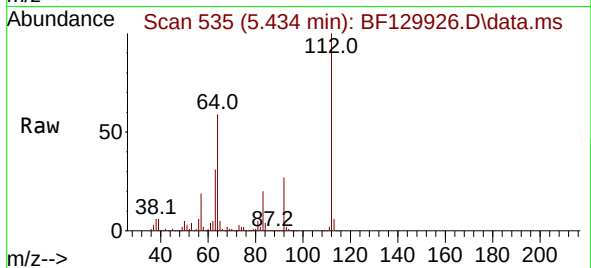
Tgt Ion: 42 Resp: 249548
Ion Ratio Lower Upper
42 100
74 128.8 103.1 154.7
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 122.802 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

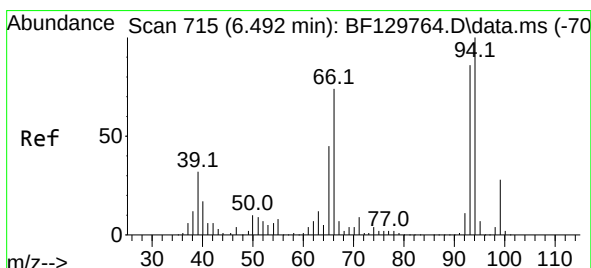
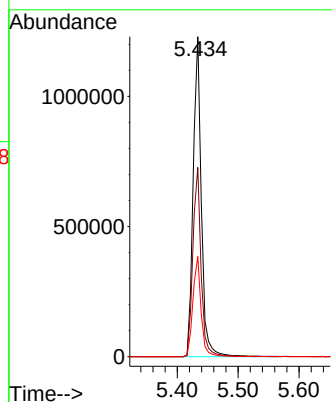
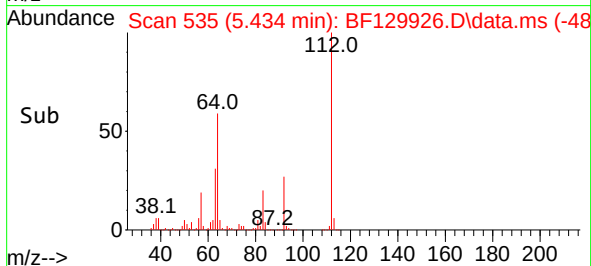
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Tgt Ion: 112 Resp: 1149964
Ion Ratio Lower Upper
112 100
64 59.2 47.6 71.4
63 31.3 24.6 37.0

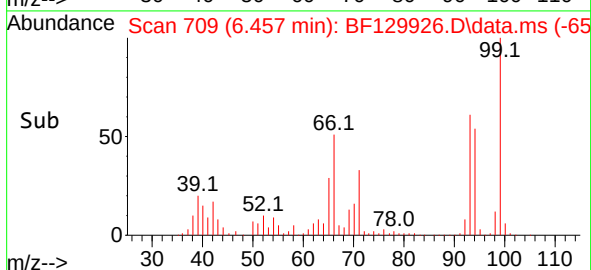
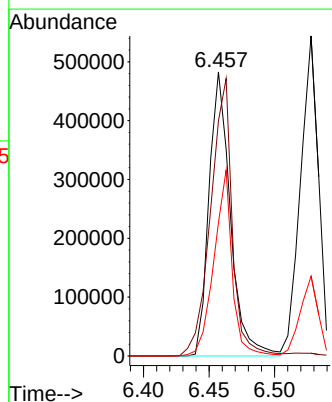
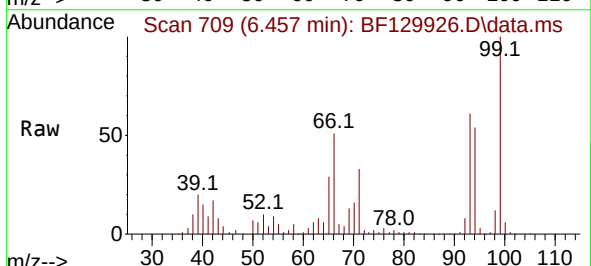
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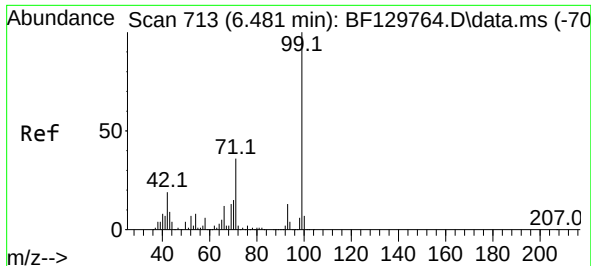
Reviewed By :Christian Giraldo 08/22/2022
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#6
Aniline
Concen: 40.918 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF129926.D
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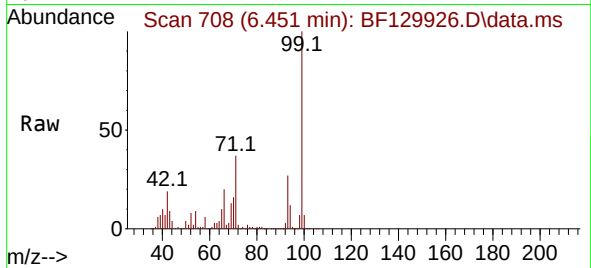
Tgt Ion: 93 Resp: 546887
Ion Ratio Lower Upper
93 100
66 82.8 68.7 103.1
65 46.9 41.6 62.4





#7
Phenol-d6
Concen: 127.644 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

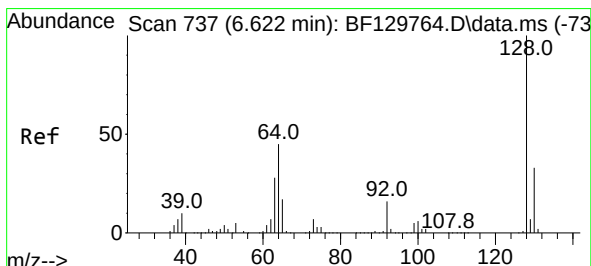
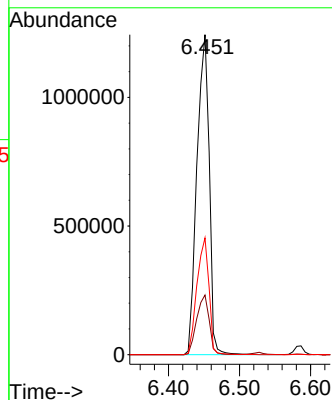
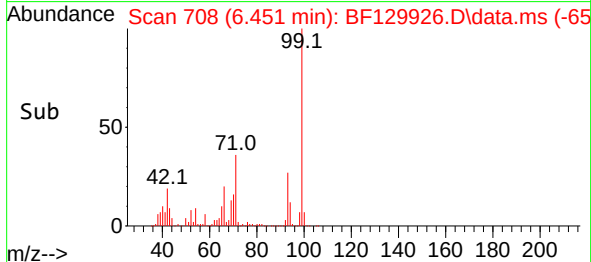
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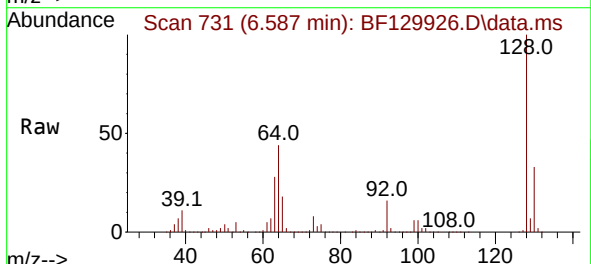
Tgt Ion: 99 Resp: 149686
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.5 28.8 43.2

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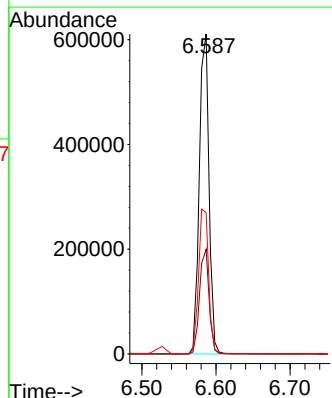
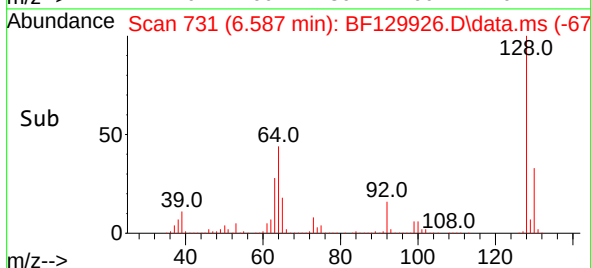
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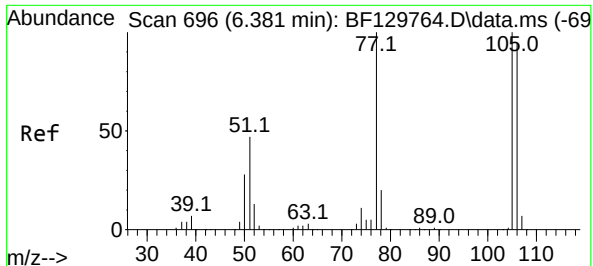


#8
2-Chlorophenol
Concen: 53.171 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



Tgt Ion:128 Resp: 554297
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 44.1 24.9 64.9





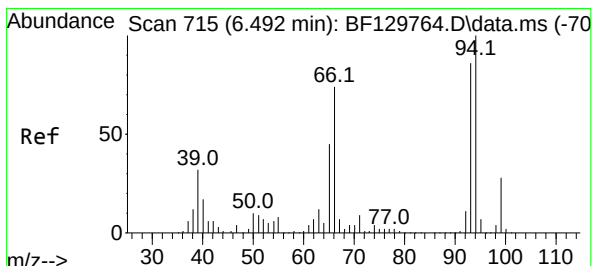
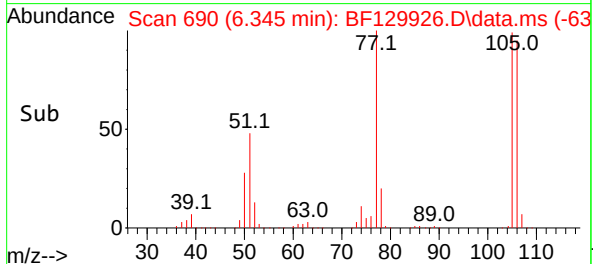
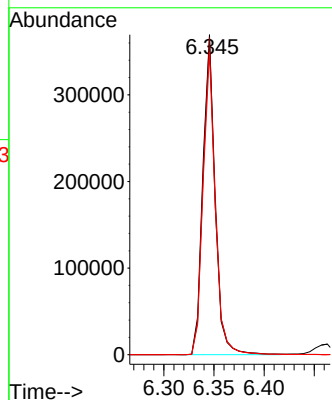
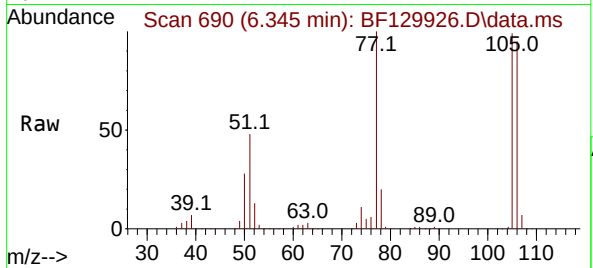
#9
Benzaldehyde
Concen: 52.143 ng
RT: 6.345 min Scan# 696
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :
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ClientSampleId :
TP2-0816MS

Tgt Ion: 77 Resp: 31464
Ion Ratio Lower Upper
77 100
105 99.1 80.3 120.3
106 94.5 74.3 114.3

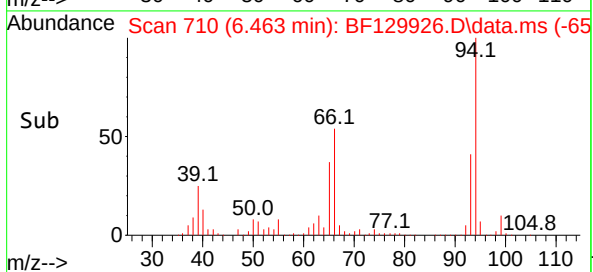
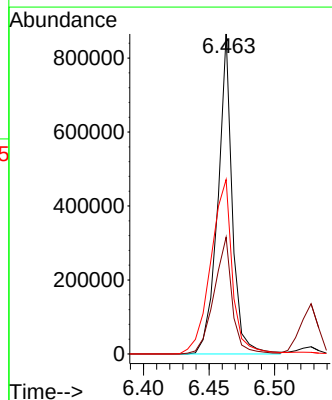
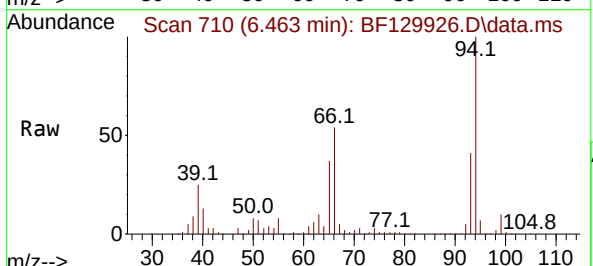
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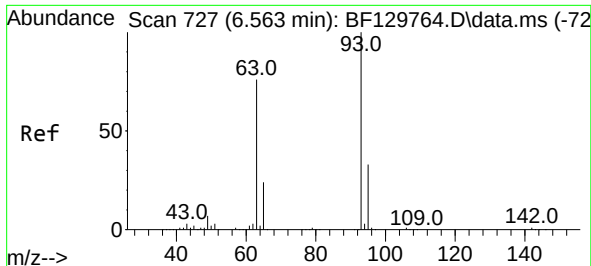
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 51.384 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion: 94 Resp: 660977
Ion Ratio Lower Upper
94 100
65 36.5 24.9 64.9
66 54.5 54.2 94.2





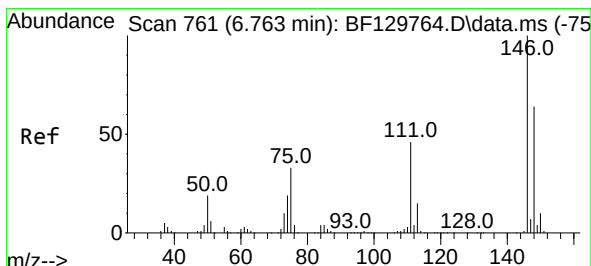
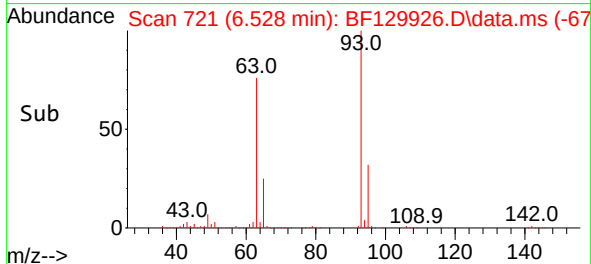
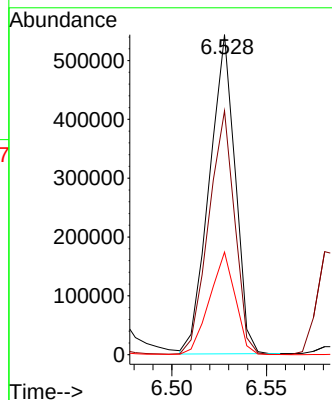
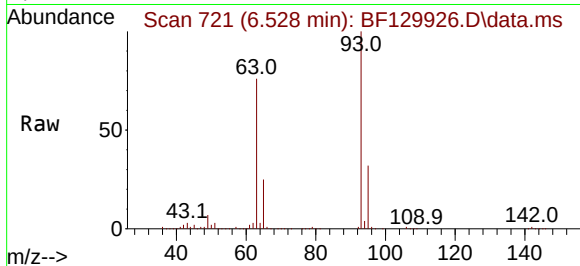
#11
bis(2-Chloroethyl)ether
Concen: 52.832 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :
BNA_F
ClientSampleId :
TP2-0816MS

Tgt Ion: 93 Resp: 51606
Ion Ratio Lower Upper
93 100
63 76.2 55.9 95.9
95 32.1 12.3 52.3

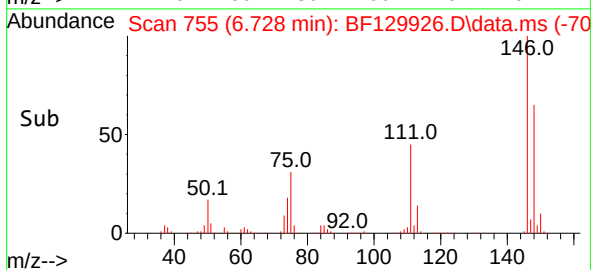
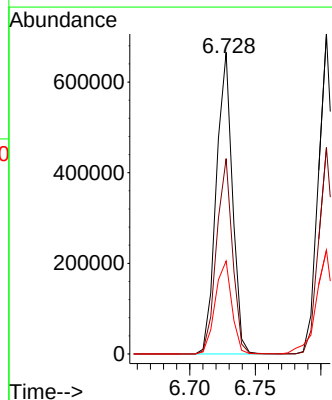
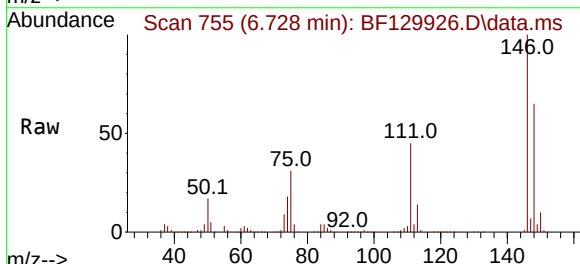
Manual Integrations
APPROVED

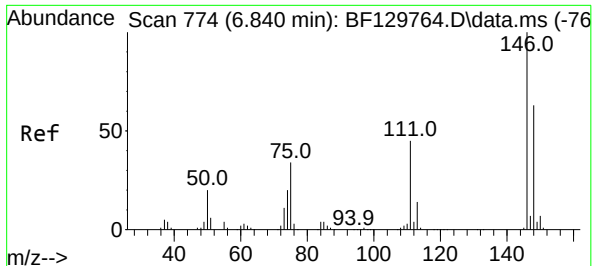
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 50.522 ng
RT: 6.728 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:146 Resp: 568587
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 30.9 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 49.979 ng

RT: 6.804 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

Tgt Ion:146 Resp: 57472

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

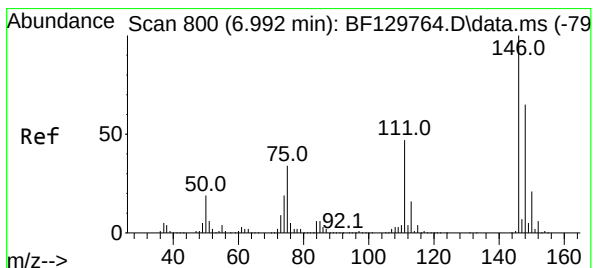
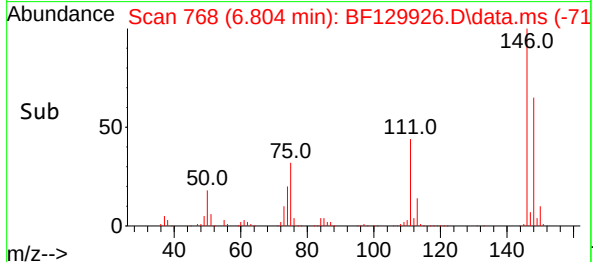
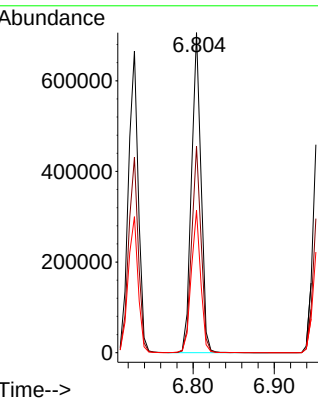
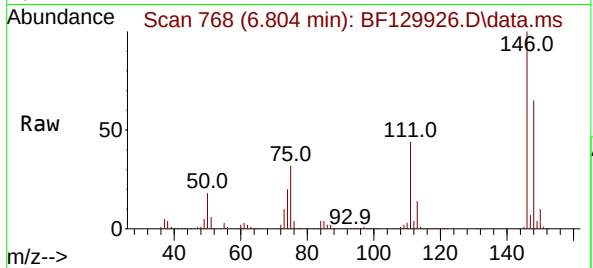
111 44.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#14

1,2-Dichlorobenzene

Concen: 50.590 ng

RT: 6.957 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

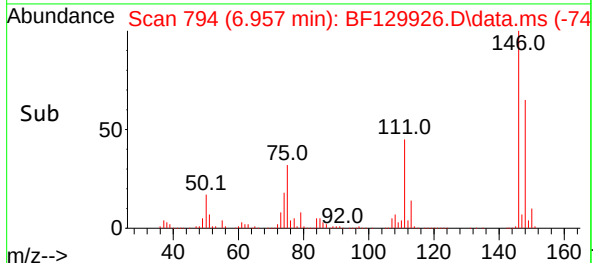
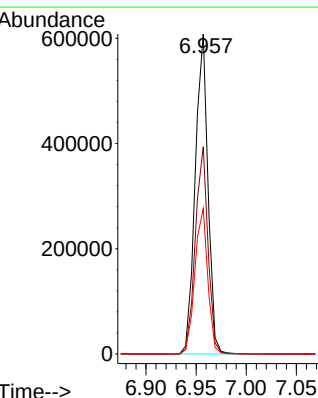
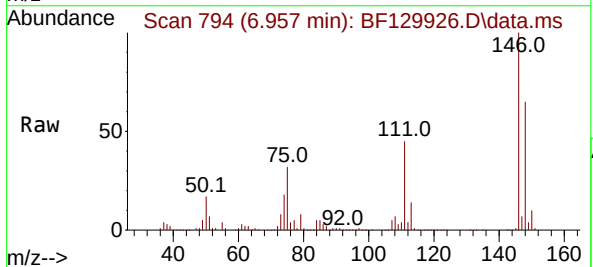
Tgt Ion:146 Resp: 540313

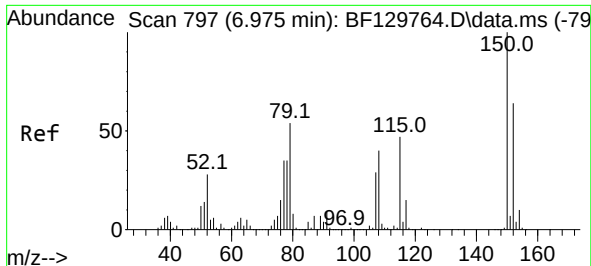
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

111 45.5 37.2 55.8





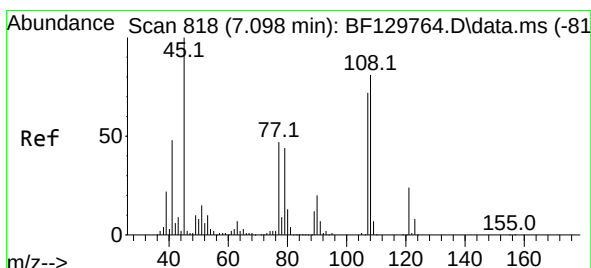
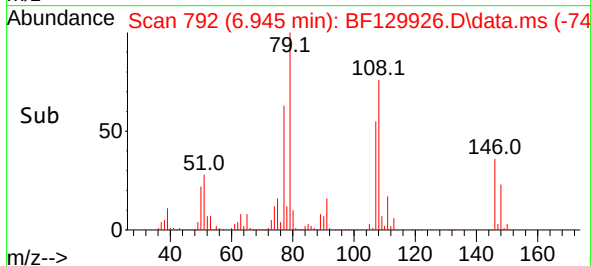
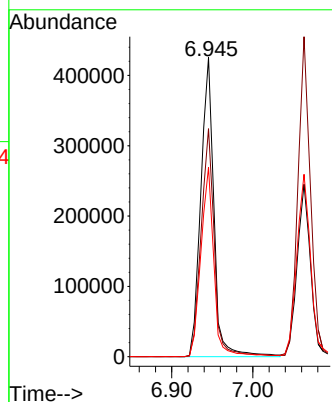
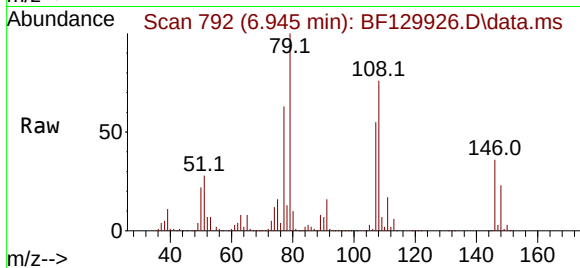
#15
Benzyl Alcohol
Concen: 54.147 ng
RT: 6.945 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :
BNA_F
ClientSampleId :
TP2-0816MS

Tgt Ion: 79 Resp: 47936
Ion Ratio Lower Upper
79 100
108 76.2 59.2 88.8
77 63.3 51.9 77.9

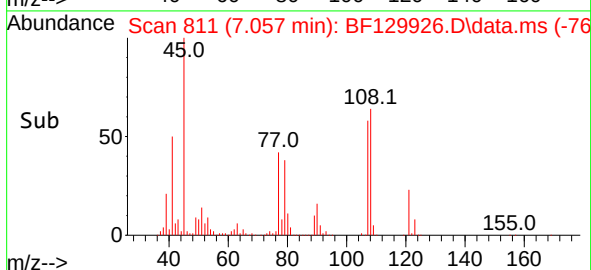
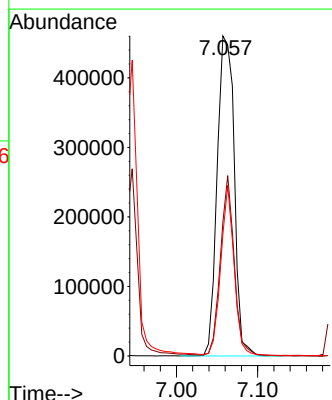
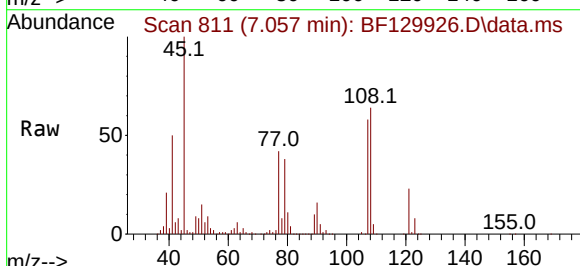
Manual Integrations
APPROVED

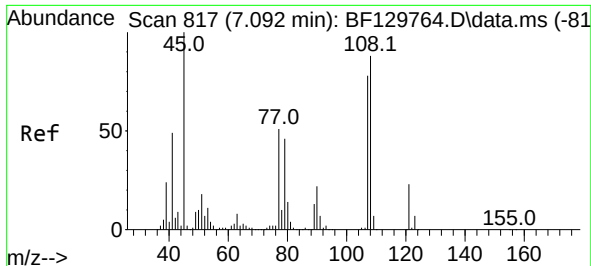
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.262 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

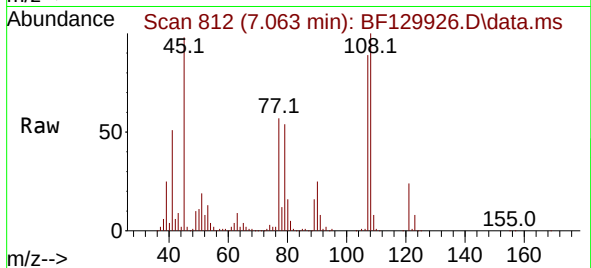
Tgt Ion: 45 Resp: 670972
Ion Ratio Lower Upper
45 100
77 41.9 27.4 67.4
79 38.1 24.4 64.4





#17
2-Methylphenol
Concen: 52.504 ng
RT: 7.063 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

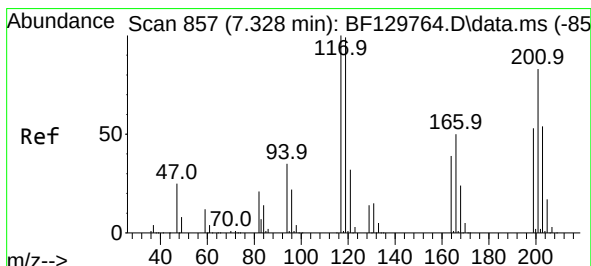
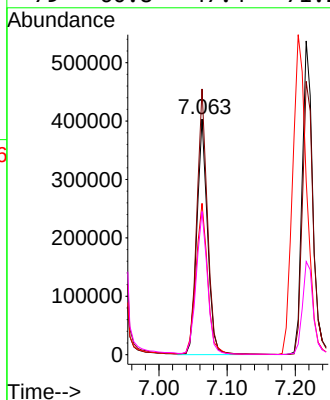
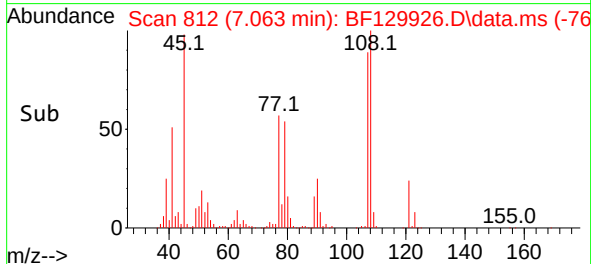
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:107 Resp: 43948
Ion Ratio Lower Upper
107 100
108 112.8 90.2 135.2
77 64.3 51.8 77.8
79 60.8 47.4 71.2

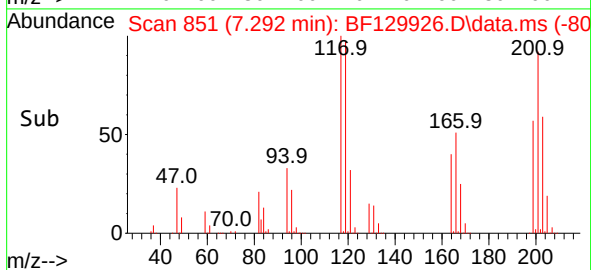
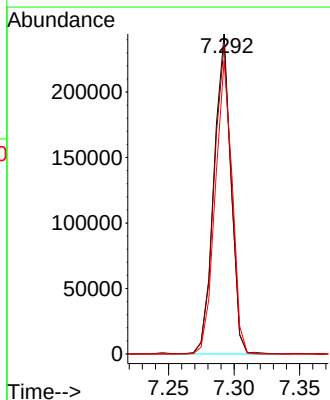
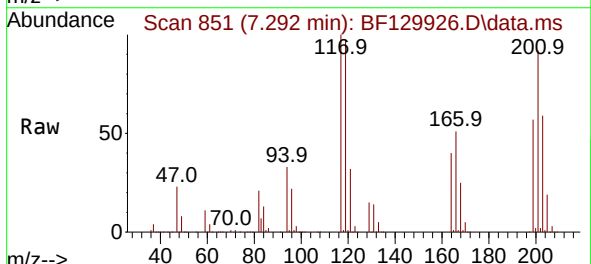
Manual Integrations
APPROVED

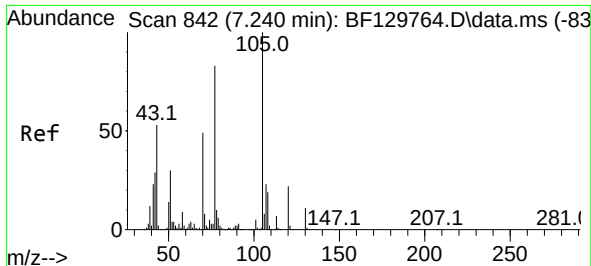
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#18
Hexachloroethane
Concen: 50.911 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

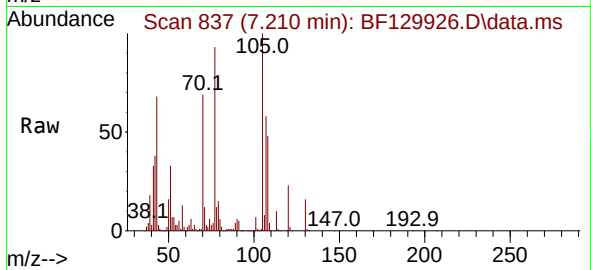
Tgt Ion:117 Resp: 219849
Ion Ratio Lower Upper
117 100
119 96.8 79.1 118.7
201 91.7 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 52.316 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

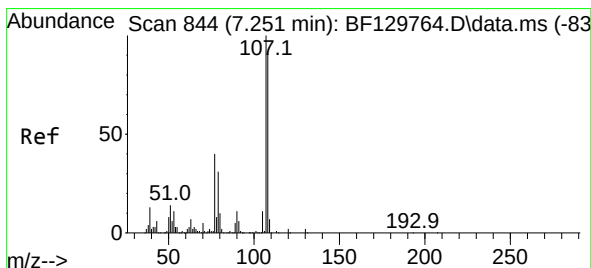
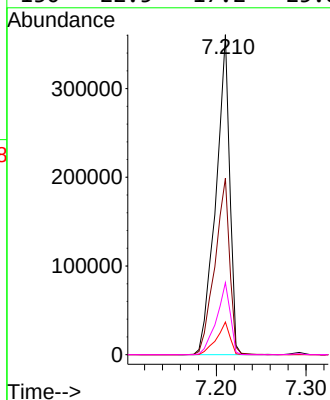
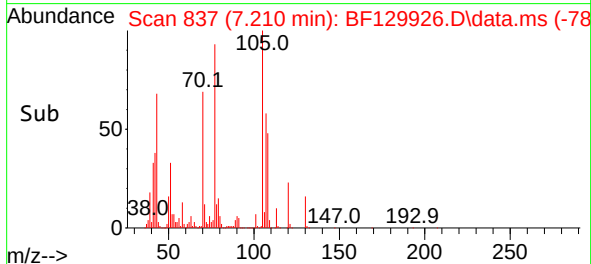
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion: 70 Resp: 38778
Ion Ratio Lower Upper
70 100
42 55.2 47.6 71.4
101 10.2 8.1 12.1
130 22.5 17.2 25.8

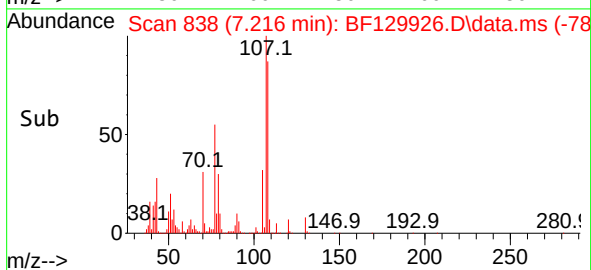
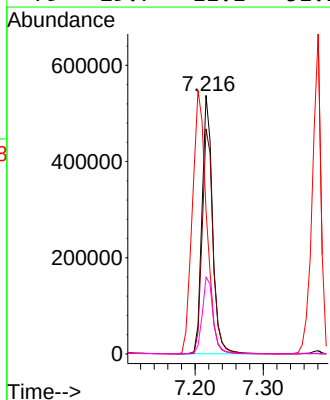
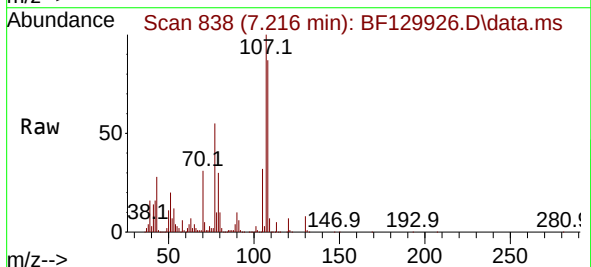
Manual Integrations
APPROVED

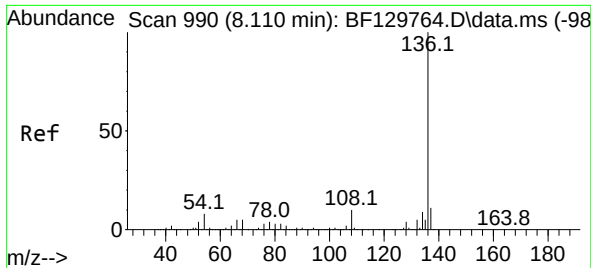
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#20
3+4-Methylphenols
Concen: 51.499 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:107 Resp: 578647
Ion Ratio Lower Upper
107 100
108 87.1 71.3 111.3
77 55.4 20.4 60.4
79 29.7 11.1 51.1





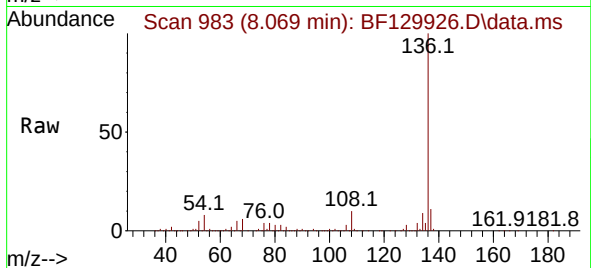
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

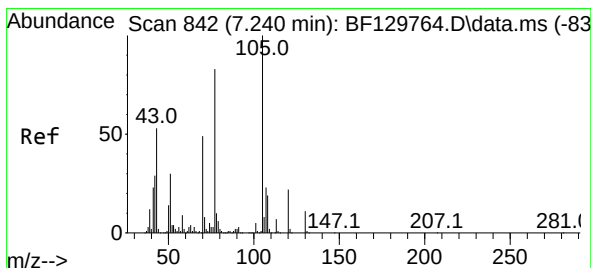
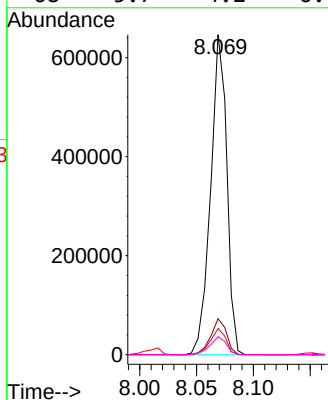
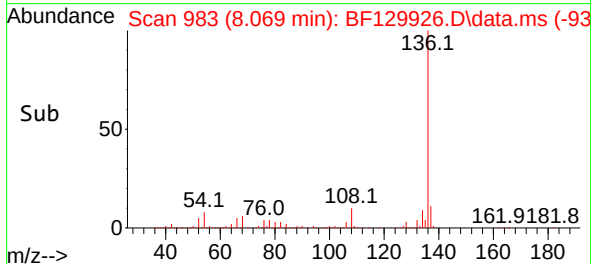


Tgt Ion:136 Resp: 640770
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.2 6.2 9.2
68 5.7 4.2 6.4

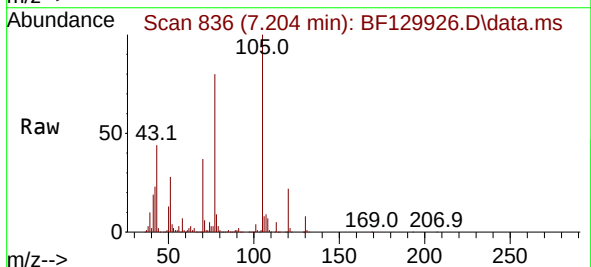
Manual Integrations

APPROVED

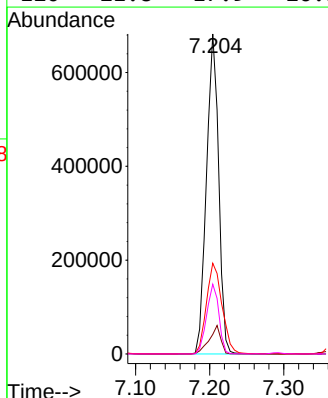
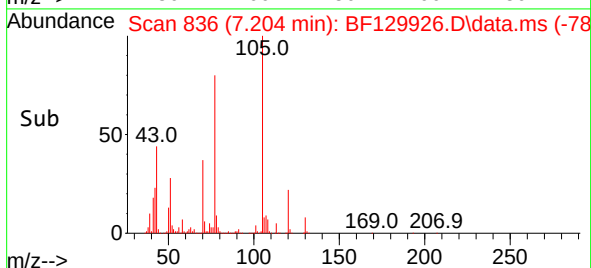
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

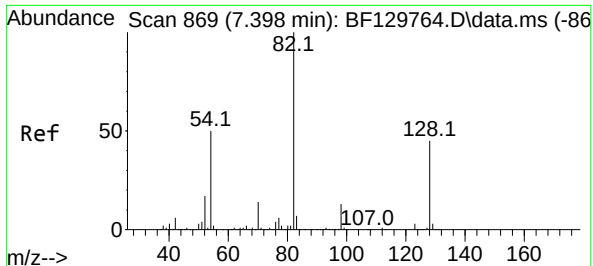


#22
Acetophenone
Concen: 49.867 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



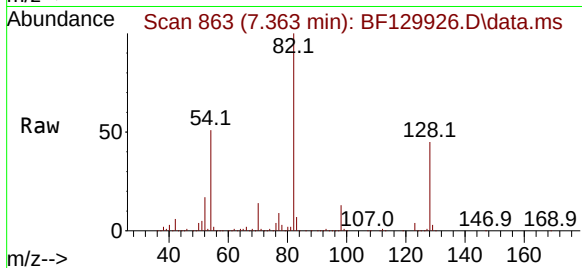
Tgt Ion:105 Resp: 778667
Ion Ratio Lower Upper
105 100
71 6.1 6.6 9.8#
51 28.4 23.8 35.8
120 21.8 17.9 26.9





#23
Nitrobenzene-d5
Concen: 78.484 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

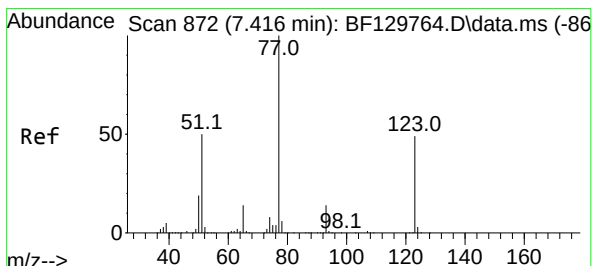
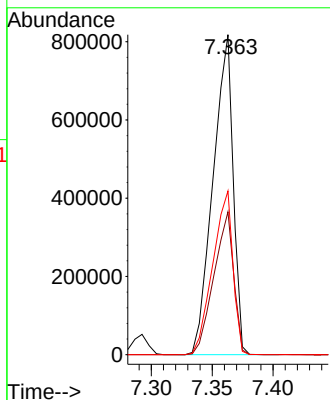
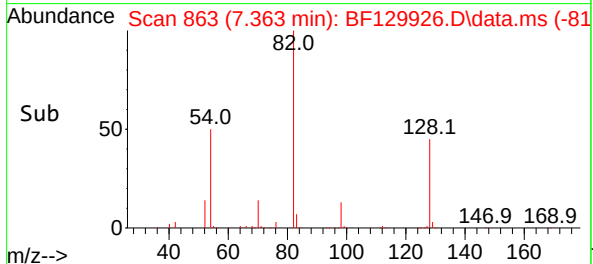
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion: 82 Resp: 93944
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 51.2 40.0 60.0

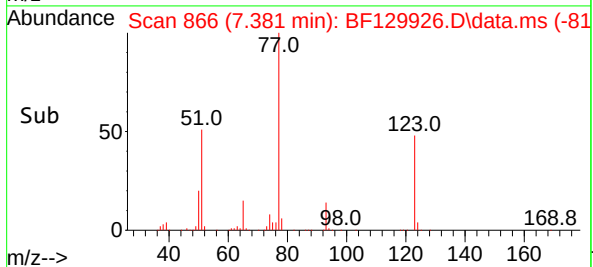
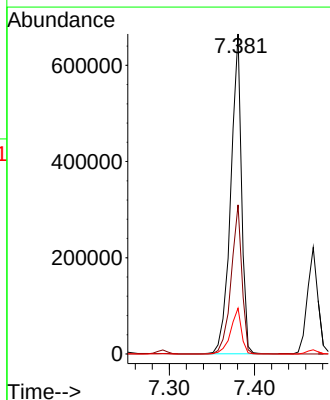
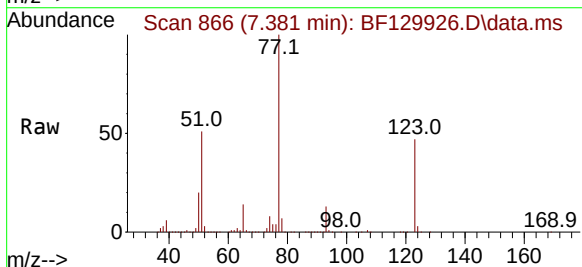
Manual Integrations
APPROVED

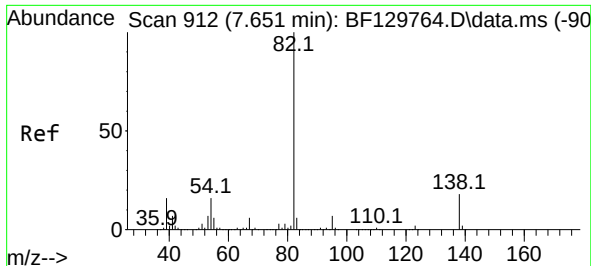
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#24
Nitrobenzene
Concen: 48.332 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

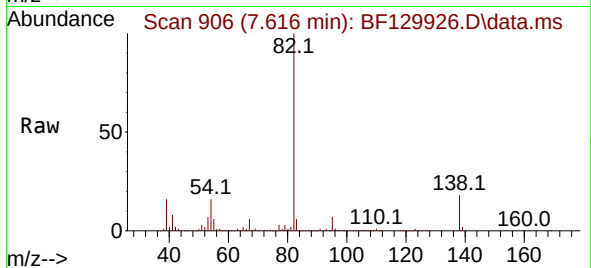
Tgt Ion: 77 Resp: 583369
Ion Ratio Lower Upper
77 100
123 46.6 39.2 58.8
65 14.3 11.1 16.7





#25
Isophorone
Concen: 52.385 ng
RT: 7.616 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

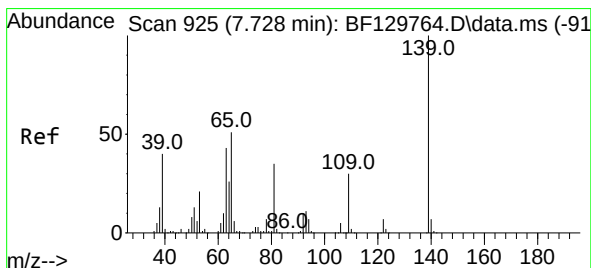
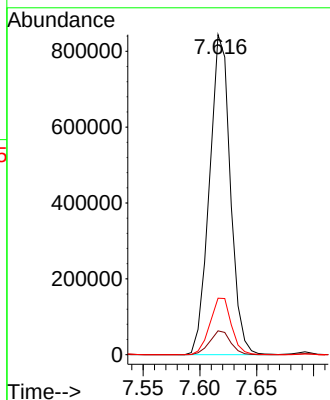
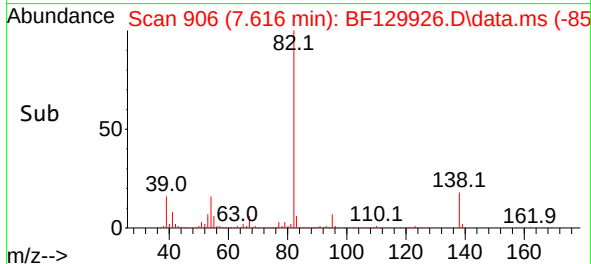
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion: 82 Resp: 107924
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.6 14.6 21.8

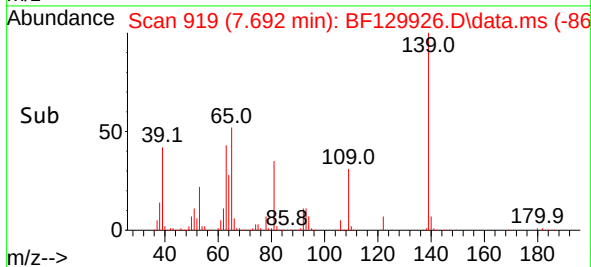
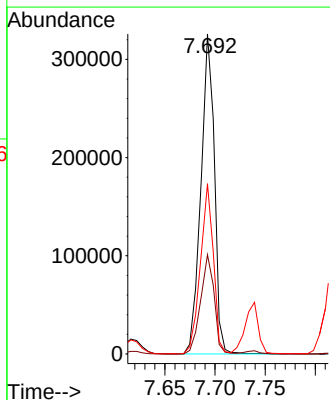
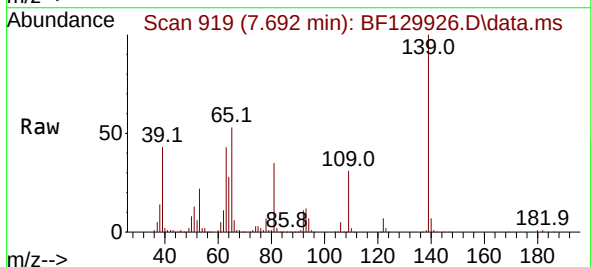
Manual Integrations
APPROVED

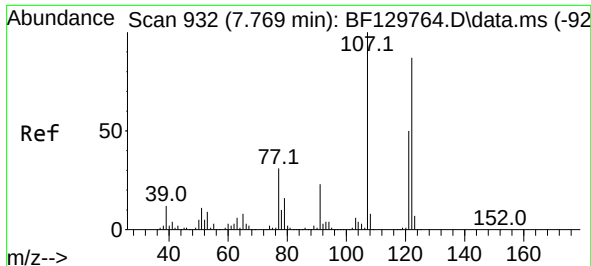
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#26
2-Nitrophenol
Concen: 51.675 ng
RT: 7.692 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:139 Resp: 306790
Ion Ratio Lower Upper
139 100
109 31.0 24.4 36.6
65 53.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 55.462 ng

RT: 7.739 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

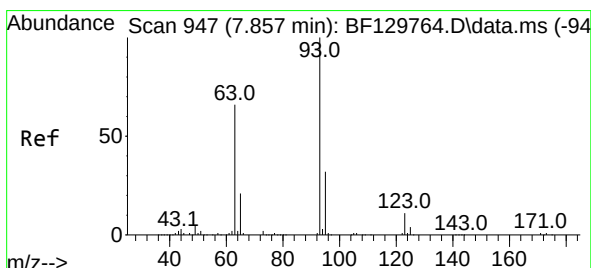
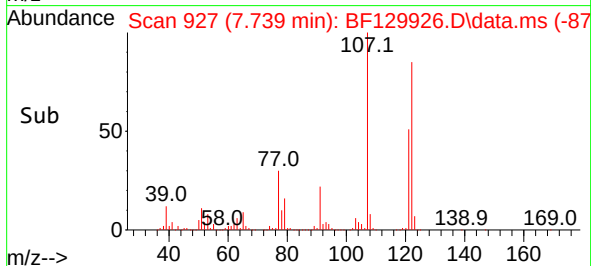
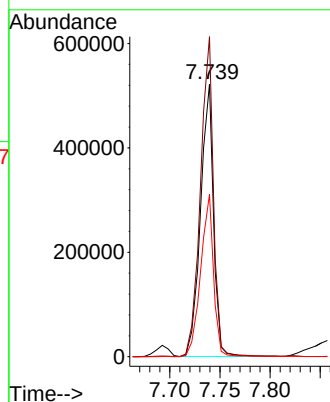
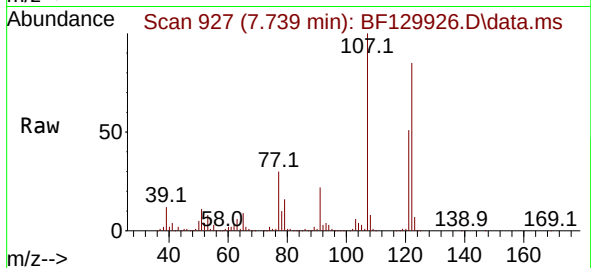
TP2-0816MS

Tgt Ion:122 Resp: 47222
 Ion Ratio Lower Upper
 122 100
 107 117.4 92.2 138.4
 121 59.5 46.1 69.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 54.895 ng

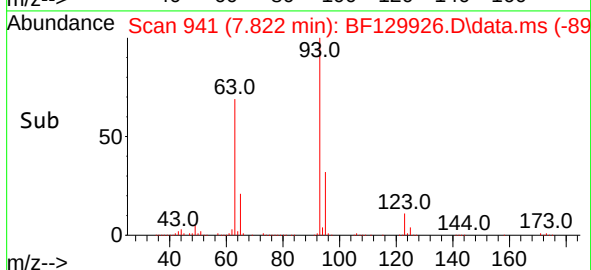
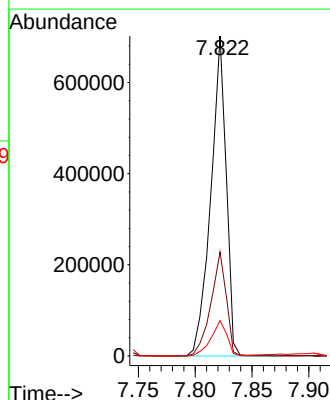
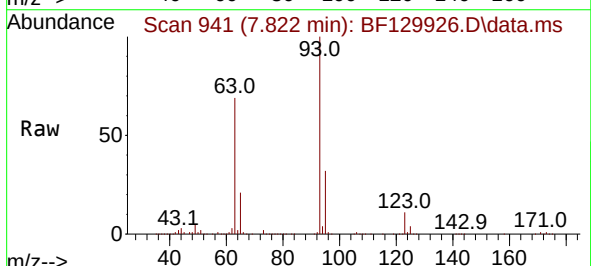
RT: 7.822 min Scan# 941

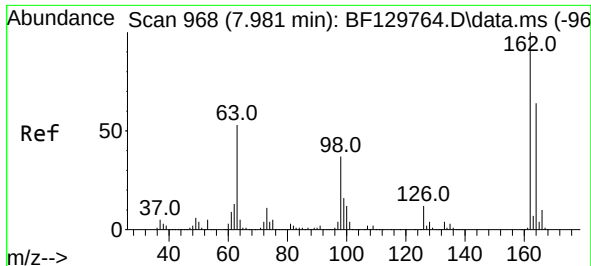
Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Tgt Ion: 93 Resp: 660334
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.6 38.4
 123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 50.289 ng

RT: 7.945 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129926.D

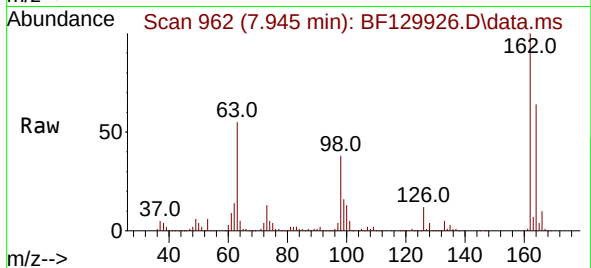
Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS



Tgt Ion:162 Resp: 468190

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

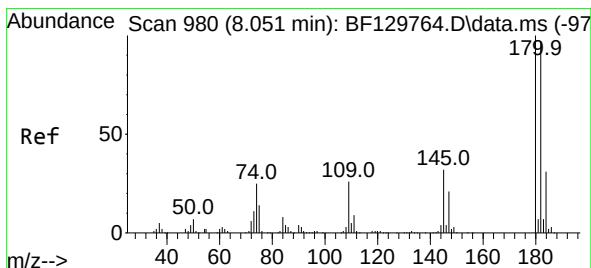
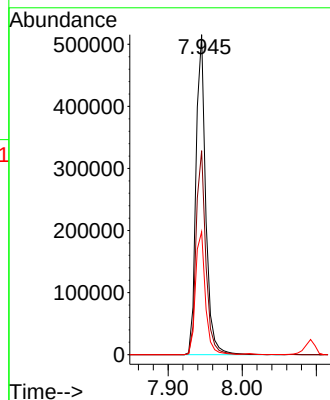
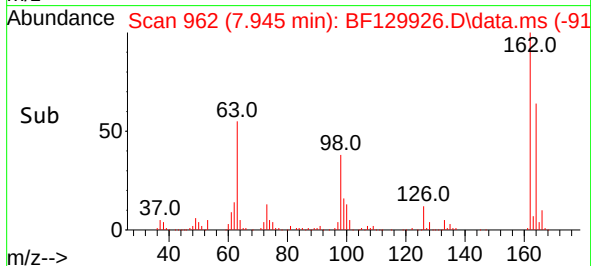
98 38.4 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.262 ng

RT: 8.010 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

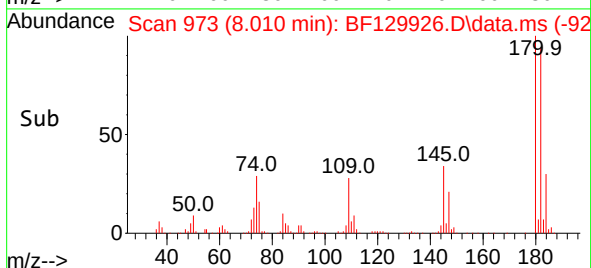
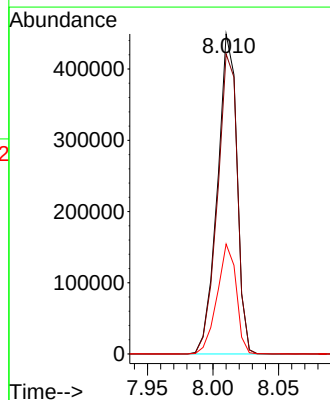
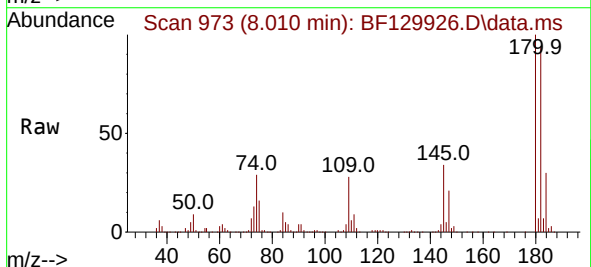
Tgt Ion:180 Resp: 464194

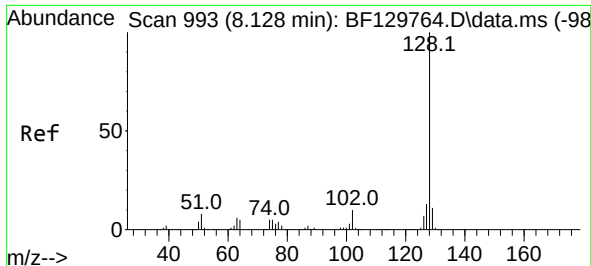
Ion Ratio Lower Upper

180 100

182 93.8 77.6 116.4

145 34.3 25.6 38.4





#31
Naphthalene
Concen: 47.399 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

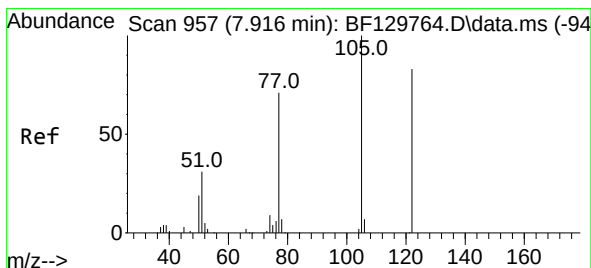
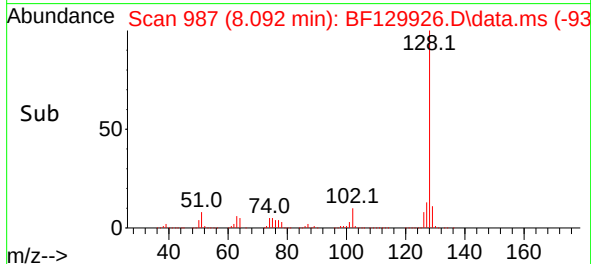
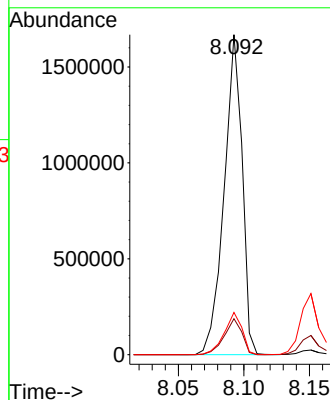
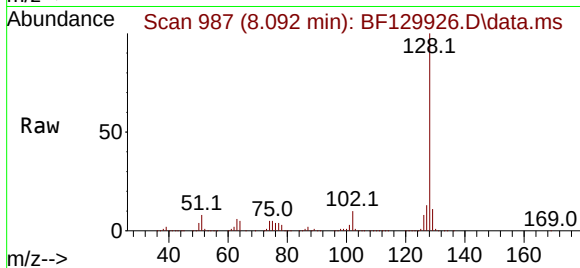
ClientSampleId :

TP2-0816MS

Tgt Ion:128 Resp: 158803
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.7 16.1

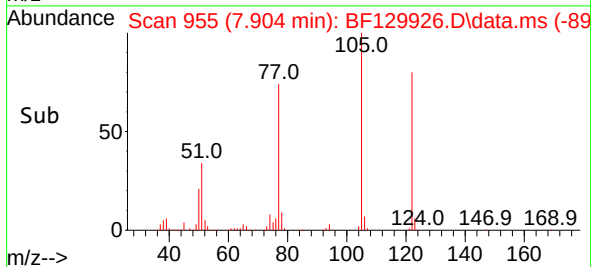
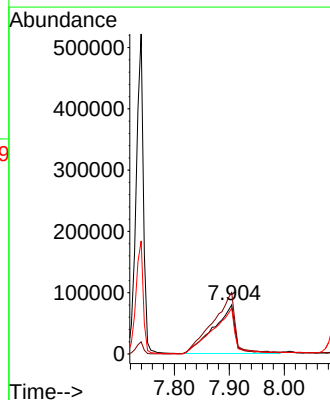
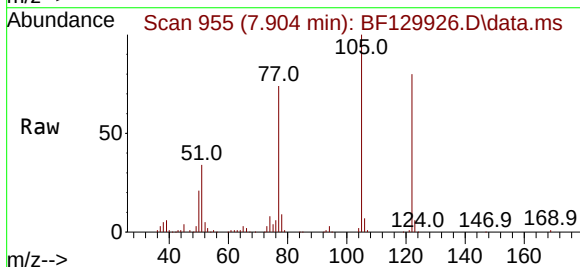
Manual Integrations
APPROVED

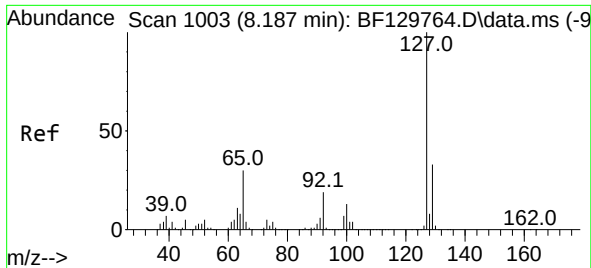
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#32
Benzoic acid
Concen: 55.830 ng
RT: 7.904 min Scan# 955
Delta R.T. 0.029 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:122 Resp: 225193
Ion Ratio Lower Upper
122 100
105 124.8 99.9 139.9
77 93.0 65.9 105.9





#33
4-Chloroaniline
Concen: 28.705 ng
RT: 8.151 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

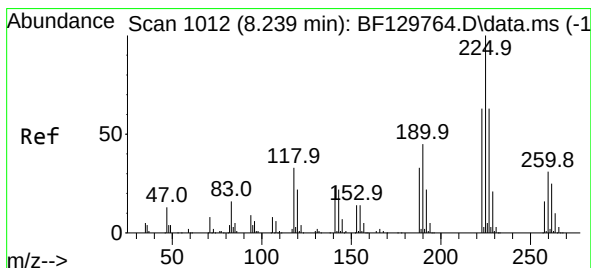
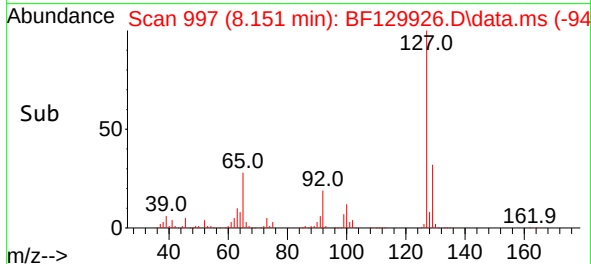
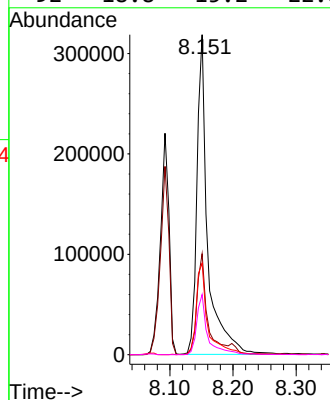
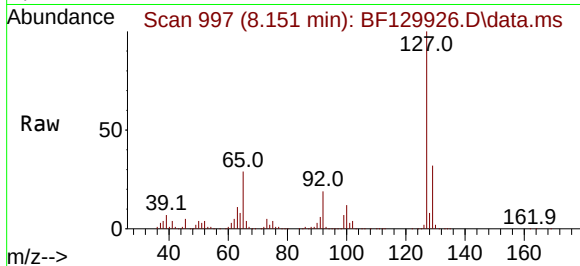
TP2-0816MS

Tgt Ion:127 Resp: 378180
Ion Ratio Lower Upper
127 100
129 31.5 26.7 40.1
65 28.6 24.2 36.2
92 18.8 15.2 22.8

Manual Integrations

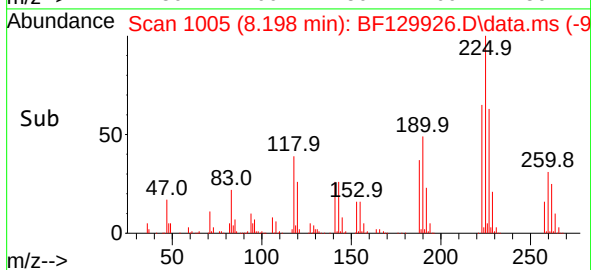
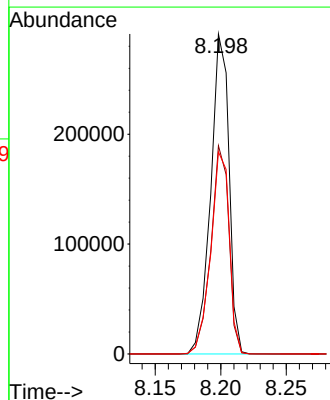
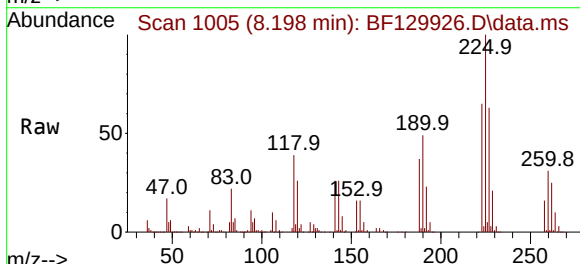
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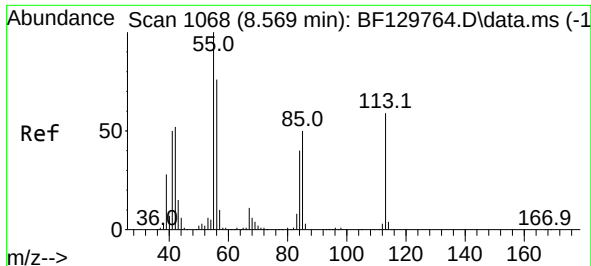
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#34
Hexachlorobutadiene
Concen: 47.173 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

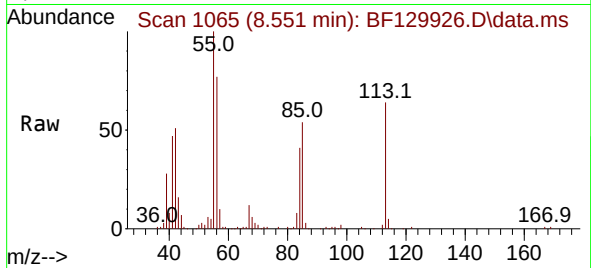
Tgt Ion:225 Resp: 282120
Ion Ratio Lower Upper
225 100
223 65.1 50.2 75.2
227 63.2 50.6 75.8





#35
 Caprolactam
 Concen: 51.017 ng m
 RT: 8.551 min Scan# 1065
 Delta R.T. 0.024 min
 Lab File: BF129926.D
 Acq: 20 Aug 2022 00:14

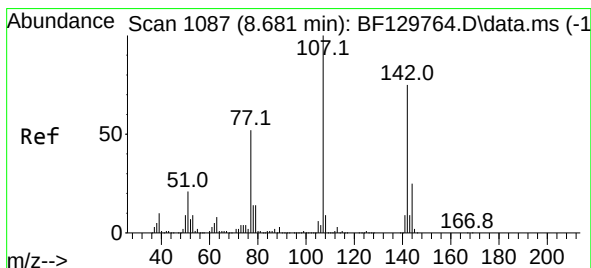
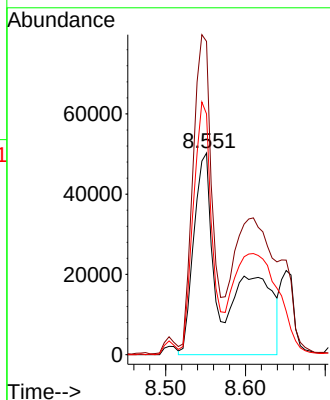
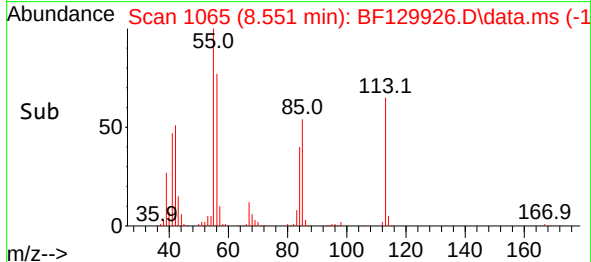
Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816MS



Tgt Ion:113 Resp: 147705
 Ion Ratio Lower Upper
 113 100
 55 155.4 148.8 188.8
 56 119.4 109.1 149.1

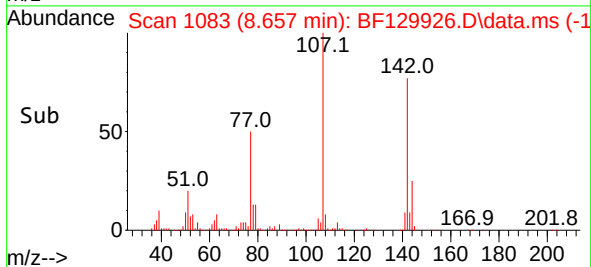
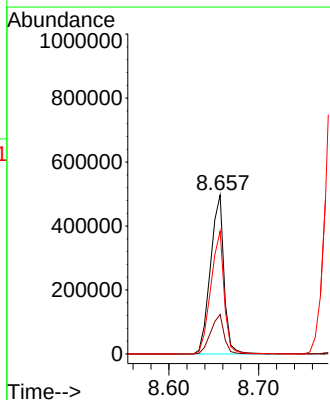
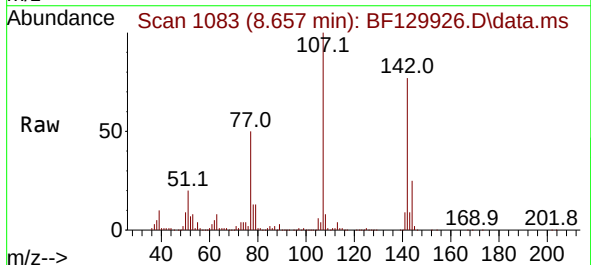
Manual Integrations
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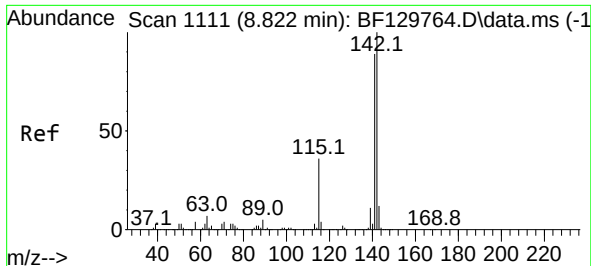
Reviewed By :Christian Giraldo 08/22/2022
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#36
 4-Chloro-3-methylphenol
 Concen: 51.945 ng
 RT: 8.657 min Scan# 1083
 Delta R.T. 0.012 min
 Lab File: BF129926.D
 Acq: 20 Aug 2022 00:14

Tgt Ion:107 Resp: 521734
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.9 29.9
 142 77.3 60.2 90.4





#37

2-Methylnaphthalene

Concen: 48.746 ng

RT: 8.786 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

Tgt Ion:142 Resp: 107190

Ion Ratio Lower Upper

142 100

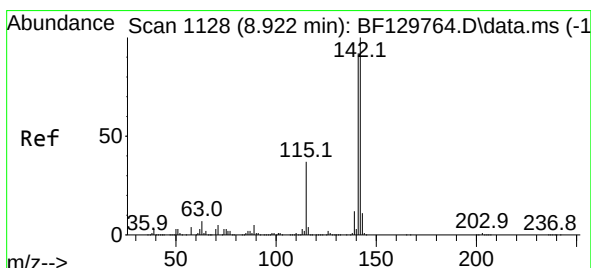
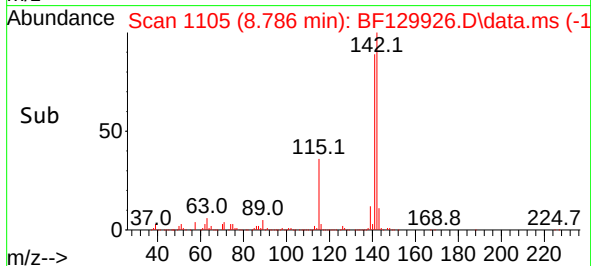
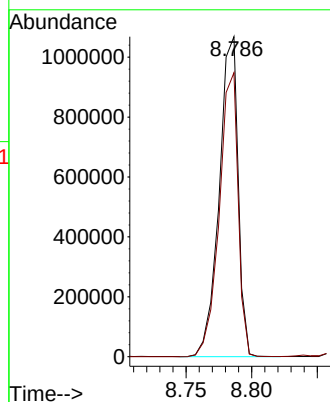
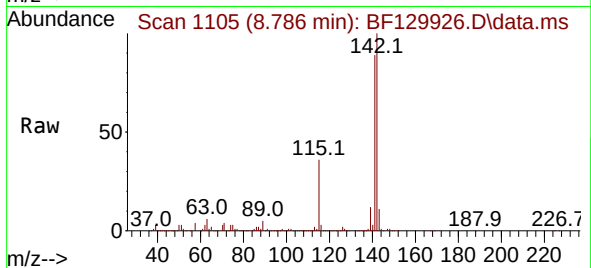
141 88.7 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#38

1-Methylnaphthalene

Concen: 47.434 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129926.D

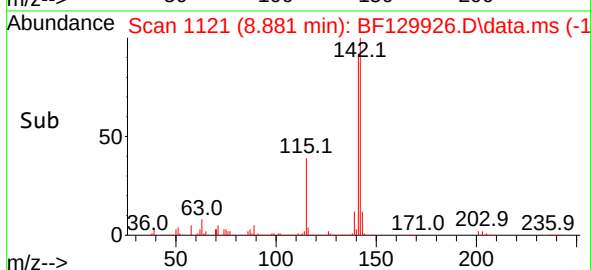
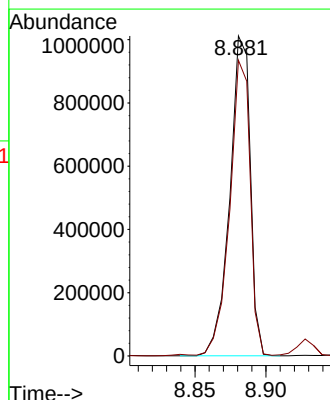
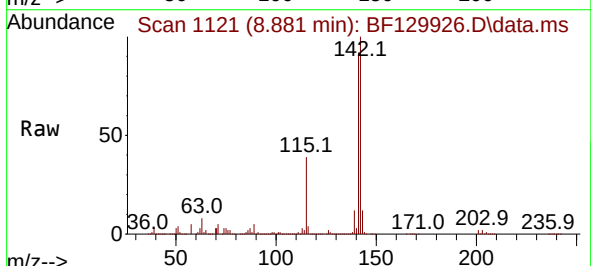
Acq: 20 Aug 2022 00:14

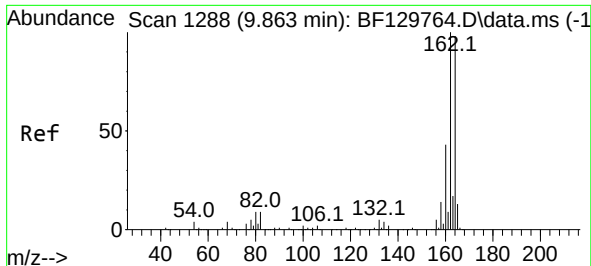
Tgt Ion:142 Resp: 1013679

Ion Ratio Lower Upper

142 100

141 92.4 73.5 110.3





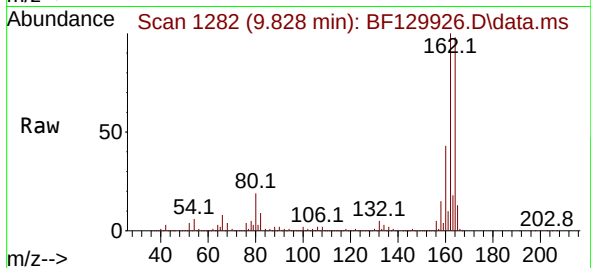
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

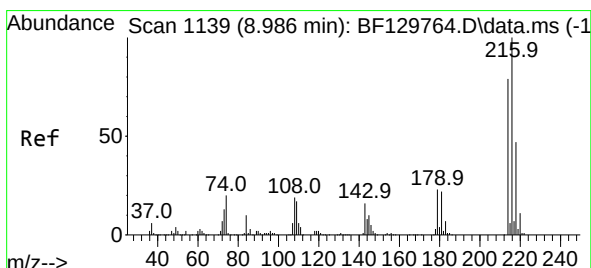
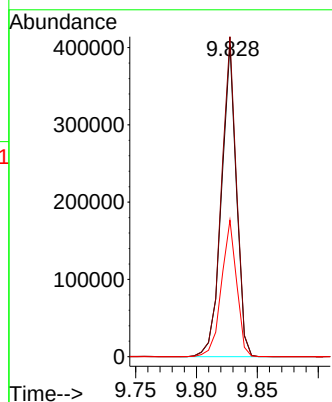
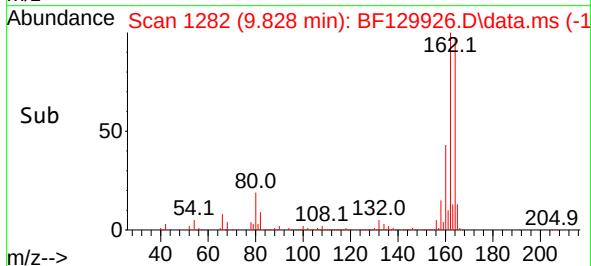


Tgt Ion:164 Resp: 345130
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 43.7 35.4 53.0

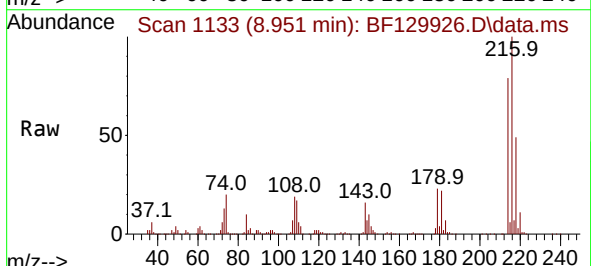
Manual Integrations

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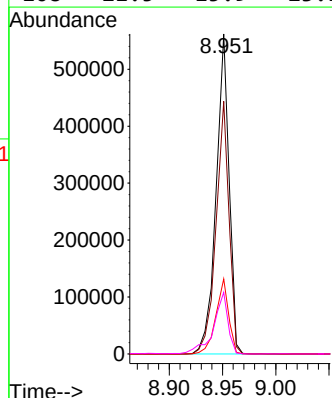
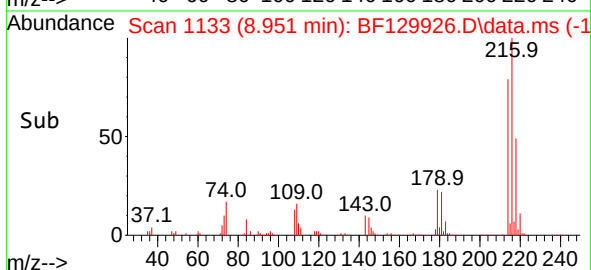
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

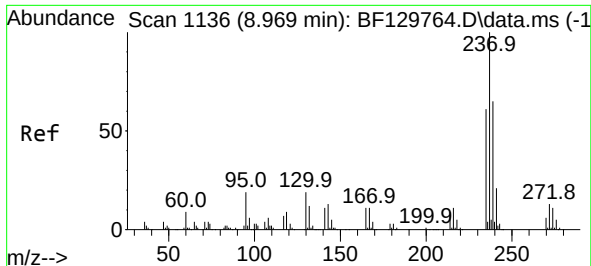


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.741 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



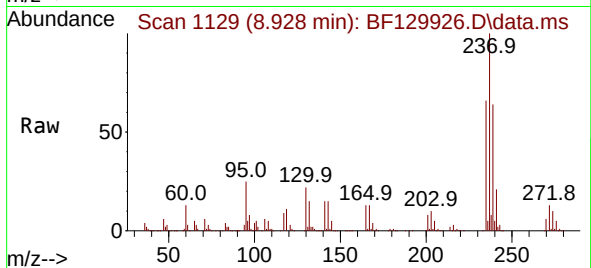
Tgt Ion:216 Resp: 477485
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 23.0 18.1 27.1
108 21.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 94.752 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

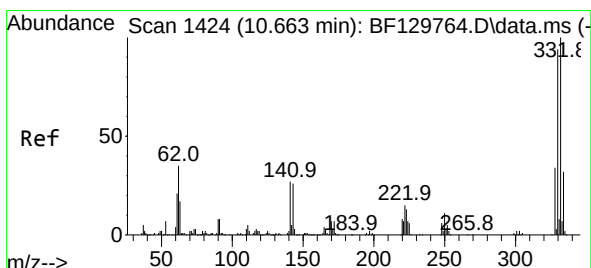
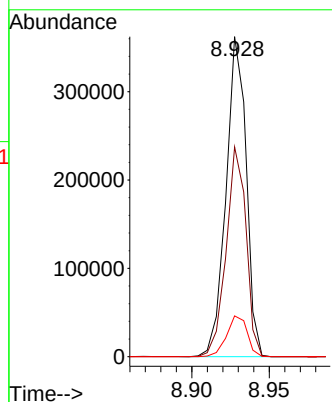
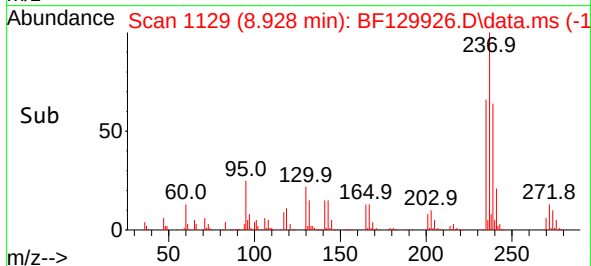
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



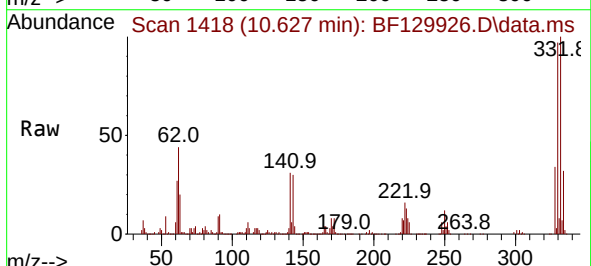
Tgt Ion:237 Resp: 32823
Ion Ratio Lower Upper
237 100
235 65.6 41.5 81.5
272 12.7 0.0 33.3

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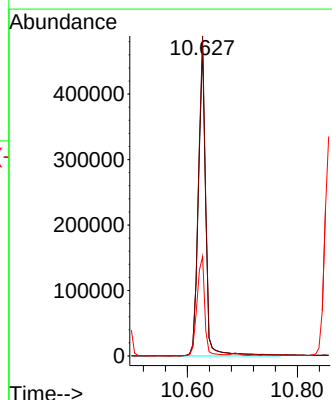
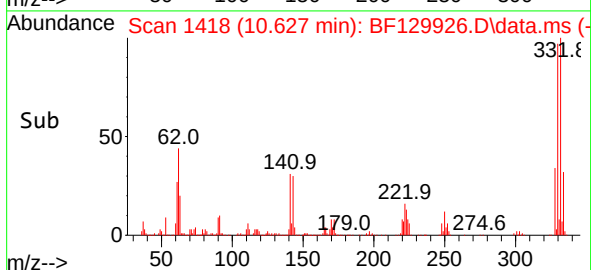
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

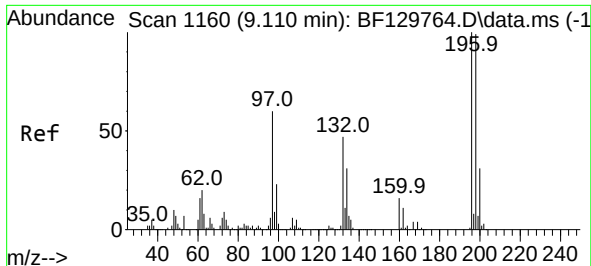


#42
2,4,6-Tribromophenol
Concen: 127.410 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



Tgt Ion:330 Resp: 441341
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 33.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 49.361 ng

RT: 9.075 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

Tgt Ion:196 Resp: 30786

Ion Ratio Lower Upper

196 100

198 97.8 79.0 118.4

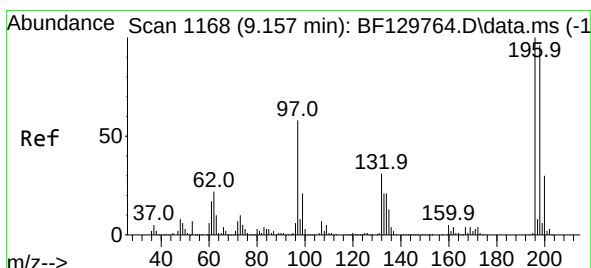
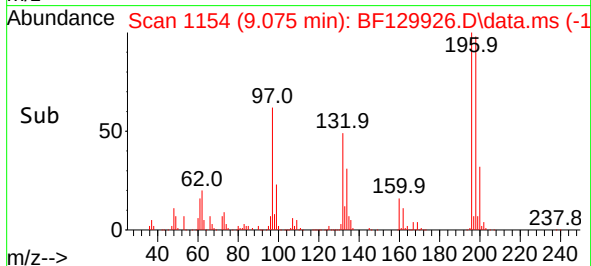
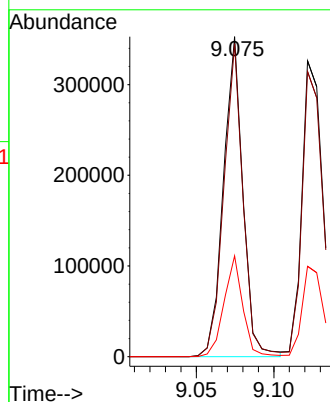
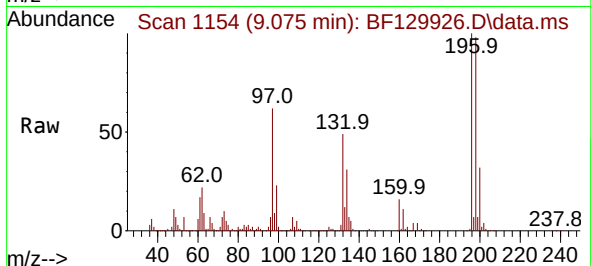
200 31.5 25.1 37.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#44

2,4,5-Trichlorophenol

Concen: 48.506 ng

RT: 9.122 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Tgt Ion:196 Resp: 325478

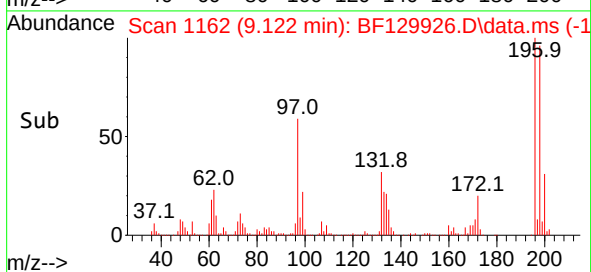
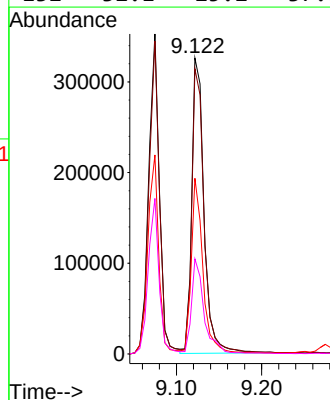
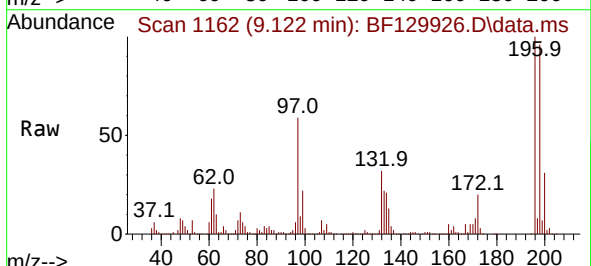
Ion Ratio Lower Upper

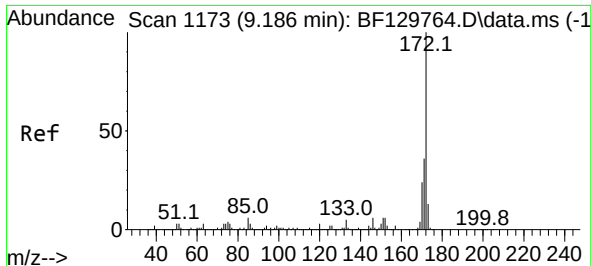
196 100

198 96.4 76.4 114.6

97 59.4 46.5 69.7

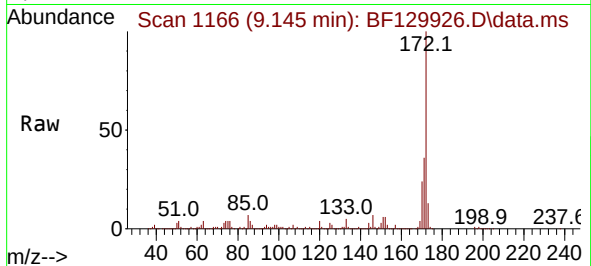
132 32.1 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 76.520 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

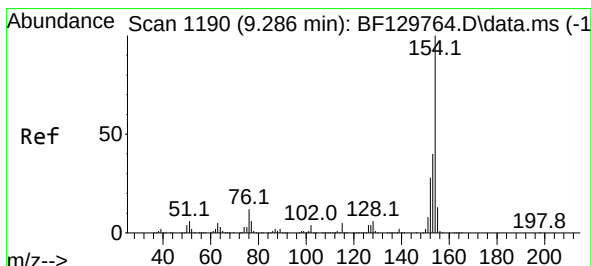
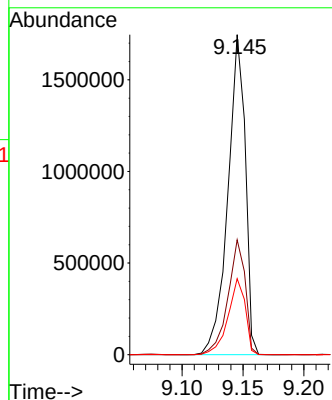
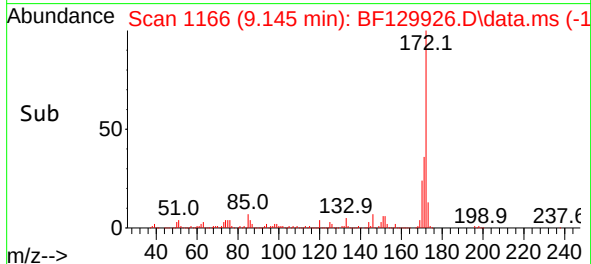
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



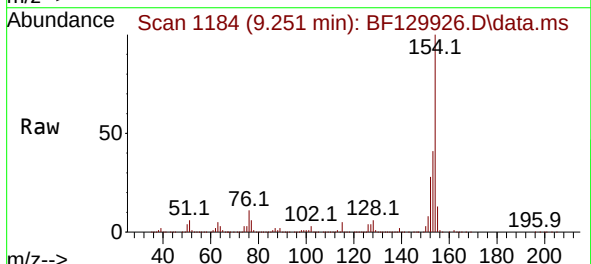
Tgt Ion:172 Resp: 173885
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 19.1 28.7

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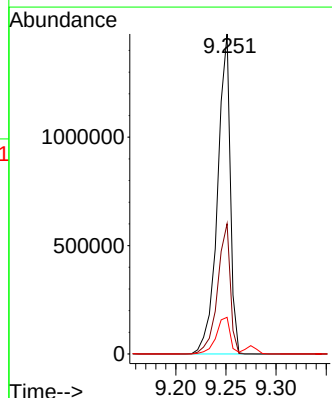
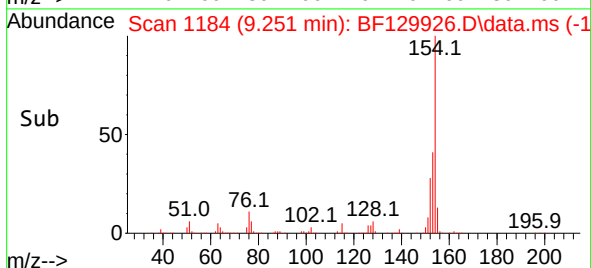
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

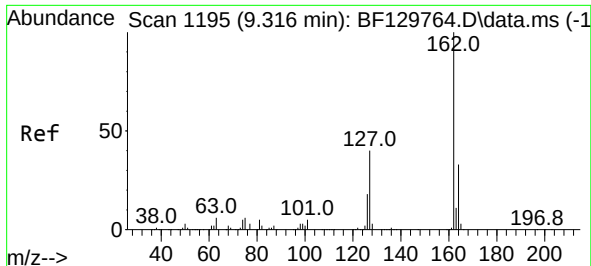


#46
1,1'-Biphenyl
Concen: 49.564 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



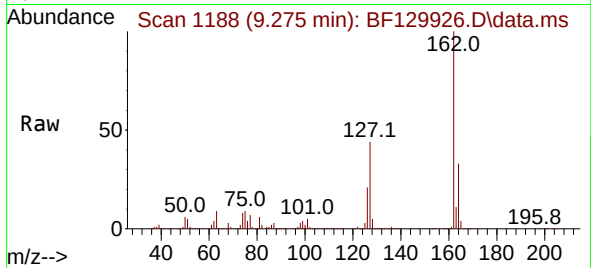
Tgt Ion:154 Resp: 1299555
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 11.5 0.0 32.1





#47
2-Chloronaphthalene
Concen: 48.711 ng
RT: 9.275 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

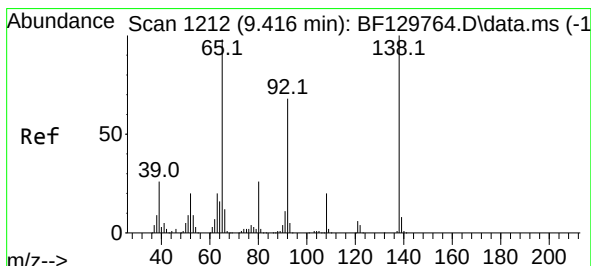
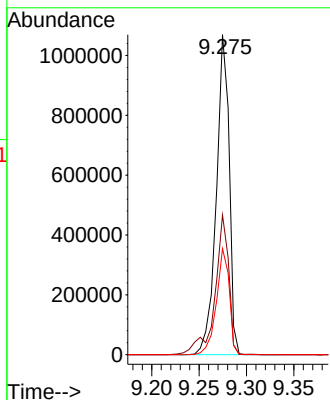
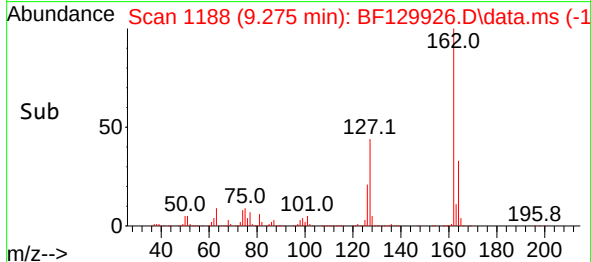
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:162 Resp: 1010560
Ion Ratio Lower Upper
162 100
127 43.7 33.1 49.7
164 33.2 26.7 40.1

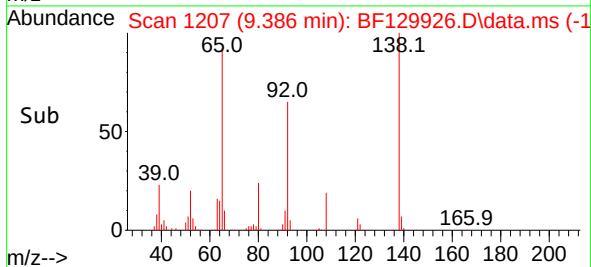
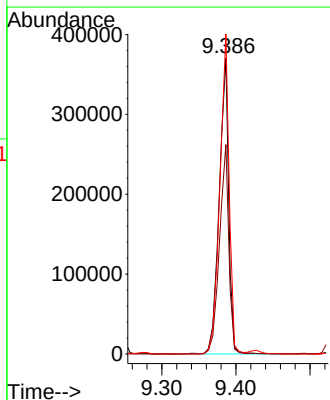
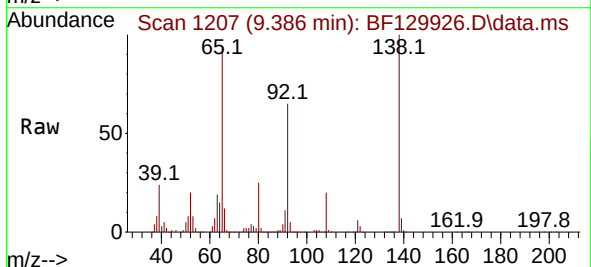
Manual Integrations
APPROVED

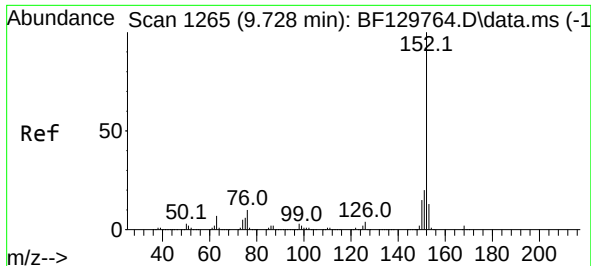
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#48
2-Nitroaniline
Concen: 50.391 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

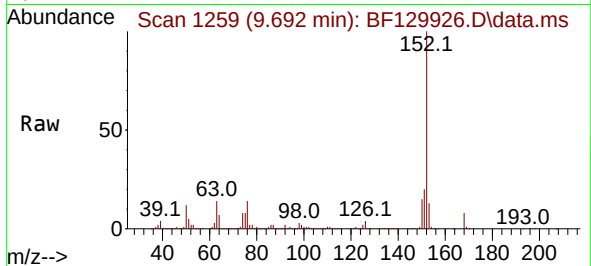
Tgt Ion: 65 Resp: 330372
Ion Ratio Lower Upper
65 100
92 70.8 55.0 82.4
138 108.1 81.3 121.9





#49
Acenaphthylene
Concen: 47.705 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

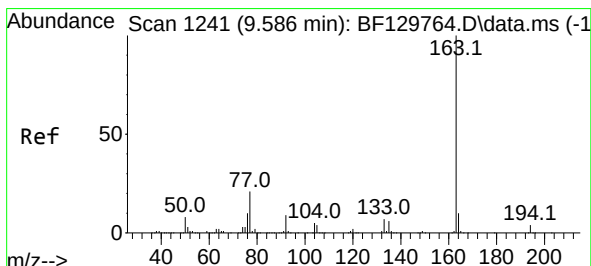
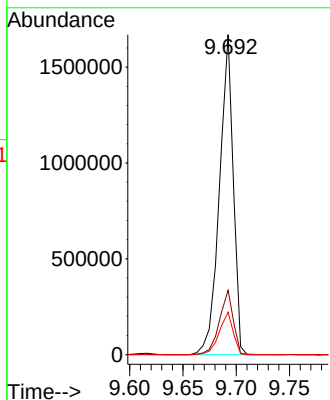
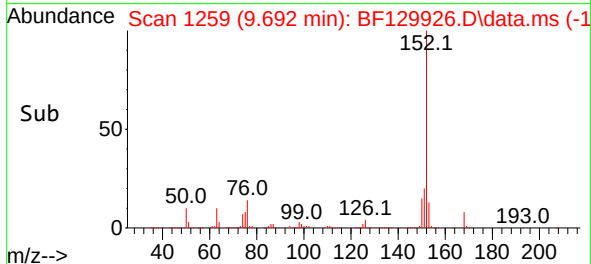
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



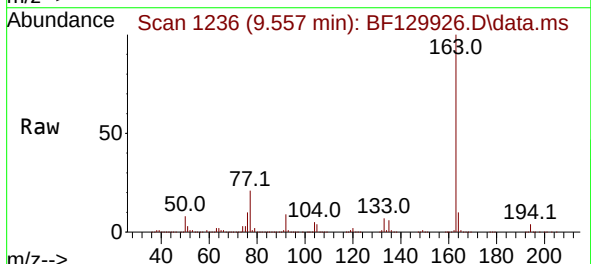
Tgt Ion:152 Resp: 1500775
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.6 16.0

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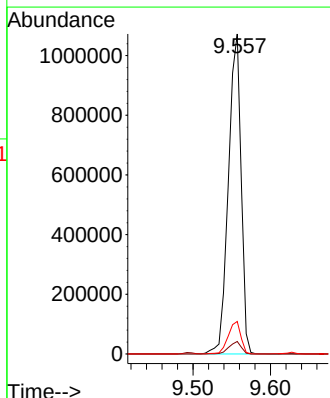
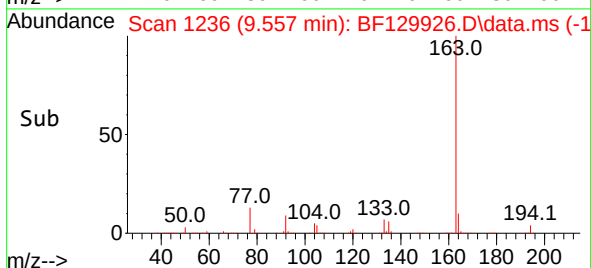
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

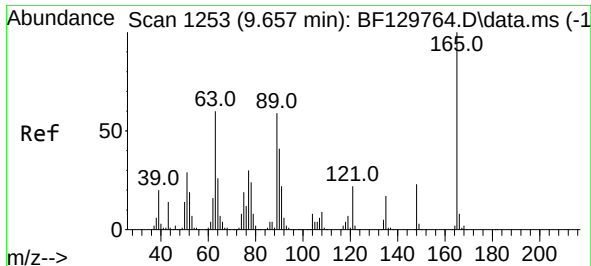


#50
Dimethylphthalate
Concen: 49.329 ng
RT: 9.557 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



Tgt Ion:163 Resp: 1220481
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.2





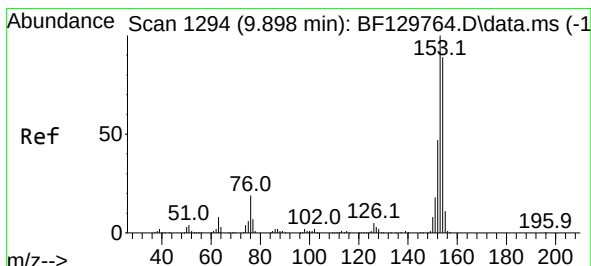
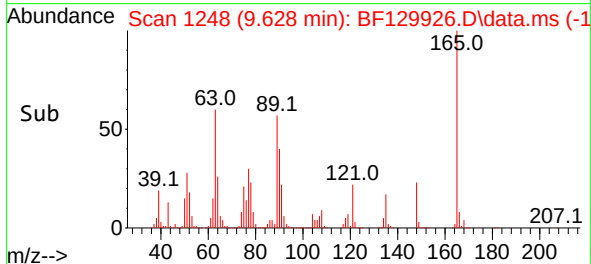
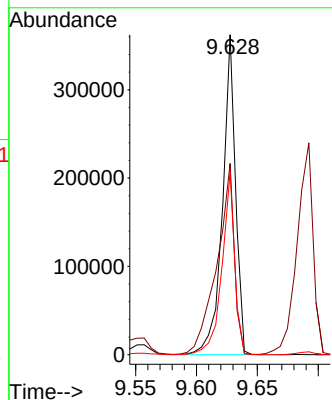
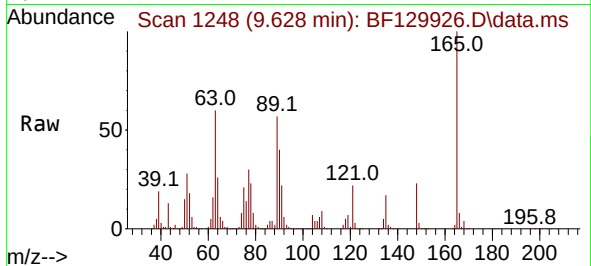
#51
2,6-Dinitrotoluene
Concen: 50.426 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :
BNA_F
ClientSampleId :
TP2-0816MS

Tgt Ion:165 Resp: 270639
Ion Ratio Lower Upper
165 100
63 59.8 47.8 71.8
89 57.1 47.2 70.8

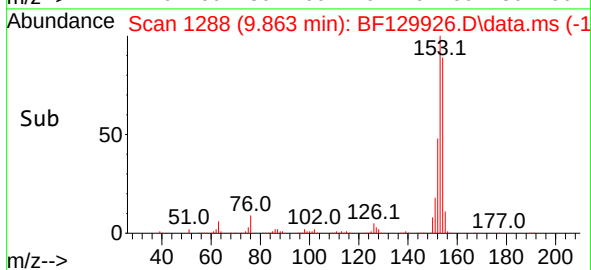
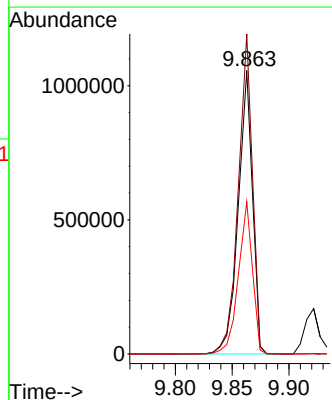
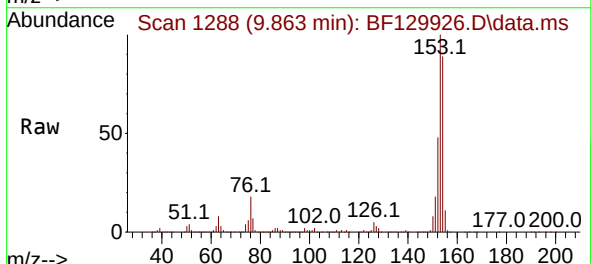
Manual Integrations
APPROVED

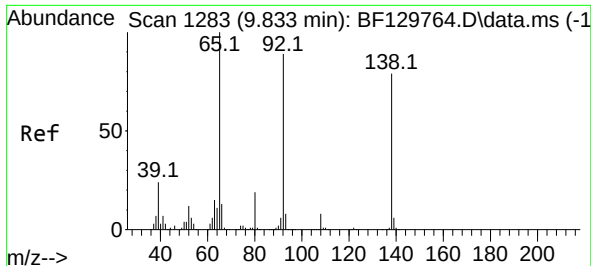
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#52
Acenaphthene
Concen: 48.307 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:154 Resp: 922002
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 53.7 42.1 63.1





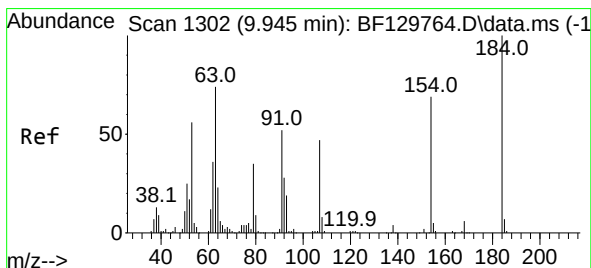
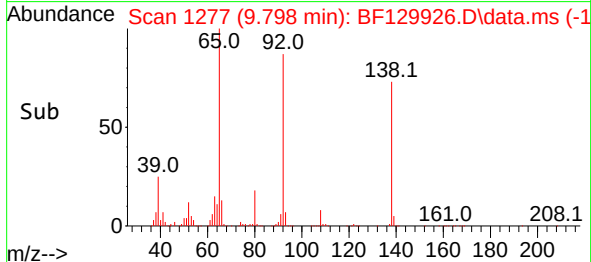
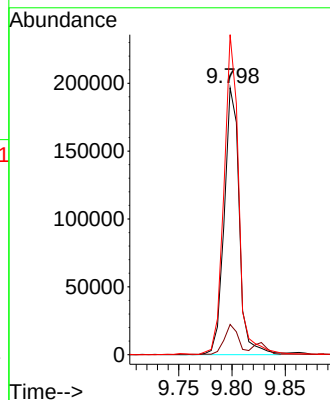
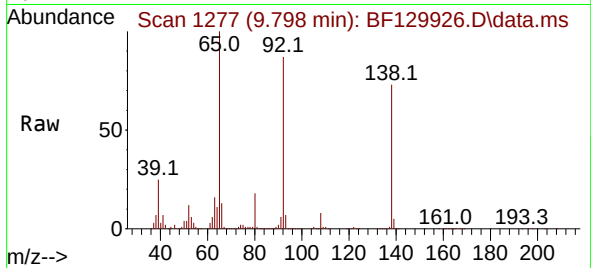
#53
3-Nitroaniline
Concen: 32.432 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :
BNA_F
ClientSampleId :
TP2-0816MS

Tgt Ion:138 Resp: 192494
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 119.9 89.8 134.8

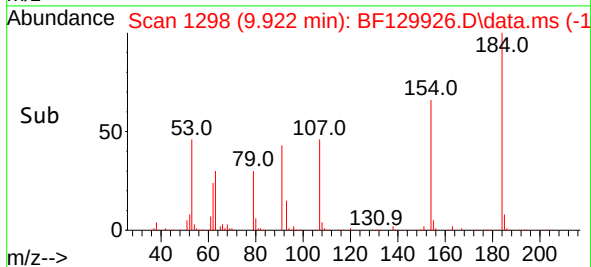
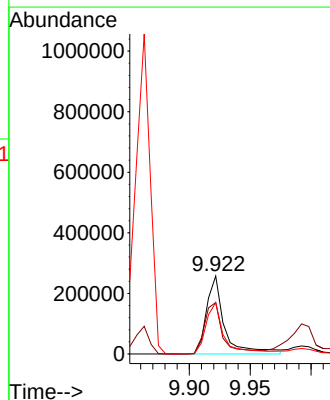
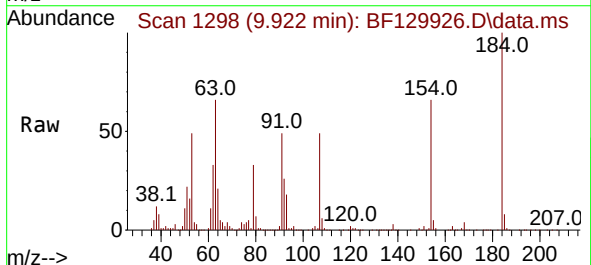
Manual Integrations
APPROVED

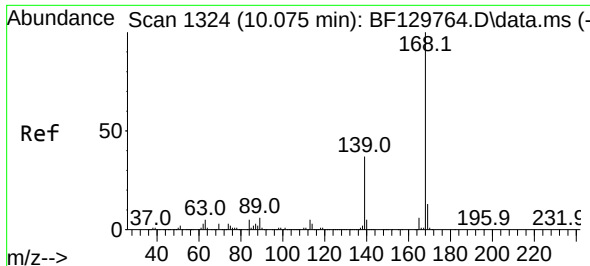
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 106.904 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

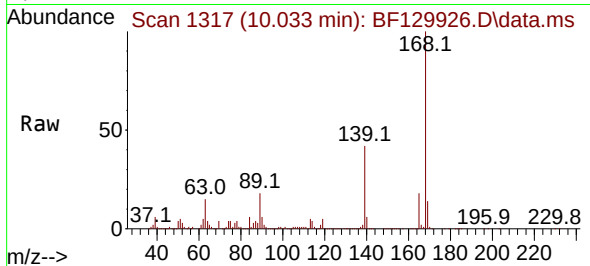
Tgt Ion:184 Resp: 264202
Ion Ratio Lower Upper
184 100
63 66.1 59.6 89.4
154 65.9 55.3 82.9





#55
Dibenzenofuran
Concen: 47.960 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

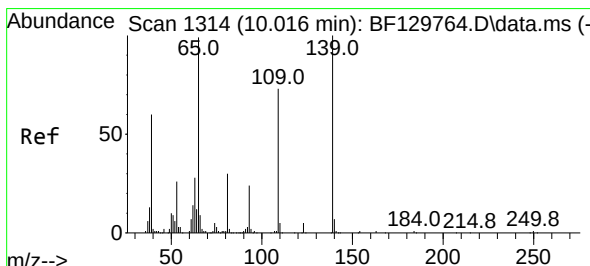
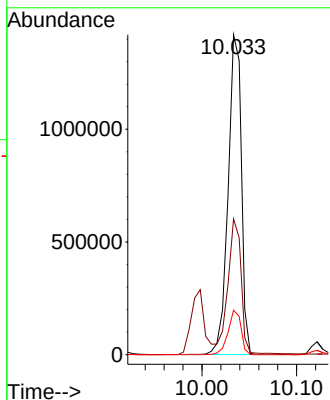
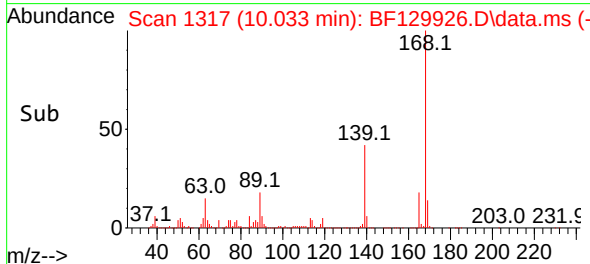
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:168 Resp: 1375234
Ion Ratio Lower Upper
168 100
139 42.5 31.3 46.9
169 13.9 10.7 16.1

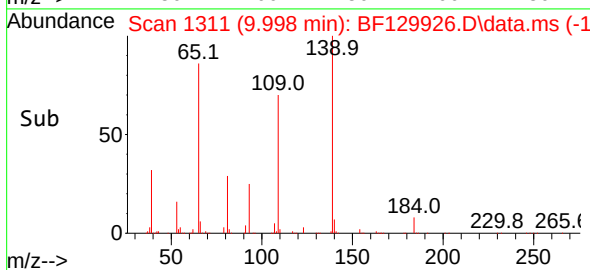
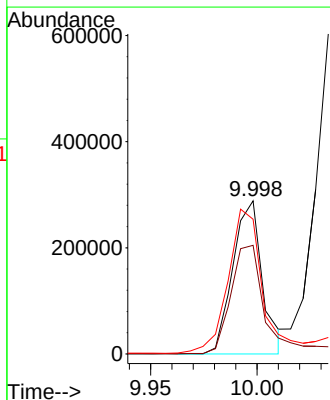
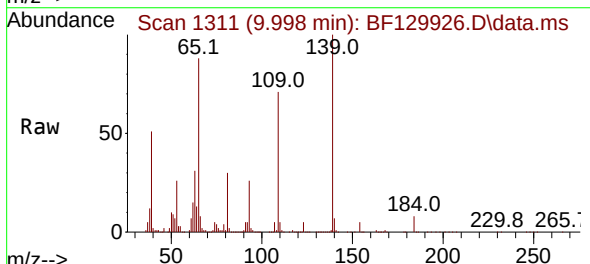
Manual Integrations
APPROVED

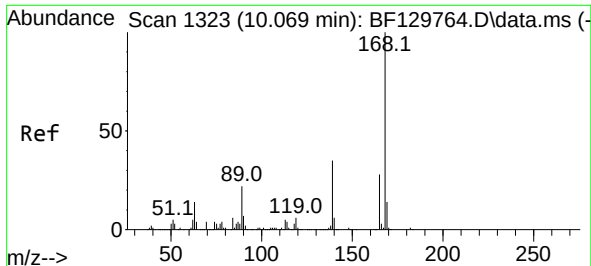
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#56
4-Nitrophenol
Concen: 105.845 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

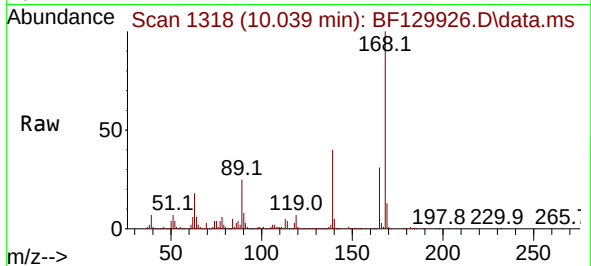
Tgt Ion:139 Resp: 279484
Ion Ratio Lower Upper
139 100
109 71.0 52.9 92.9
65 88.0 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 49.169 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

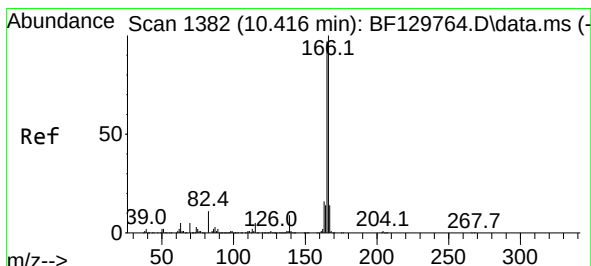
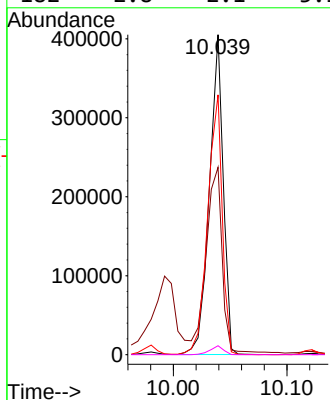
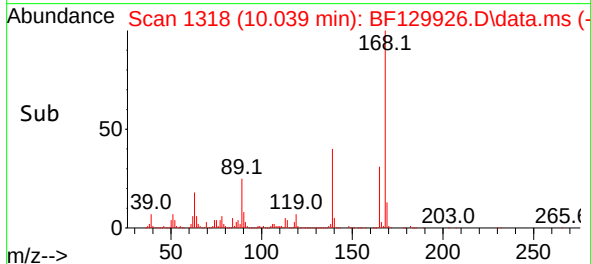
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



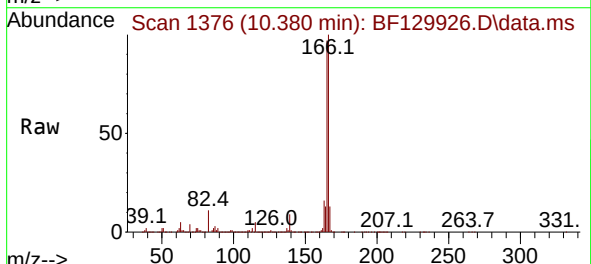
Tgt Ion:165 Resp: 342560
Ion Ratio Lower Upper
165 100
63 58.5 48.4 72.6
89 81.2 62.3 93.5
182 2.8 2.1 3.1

Manual Integrations
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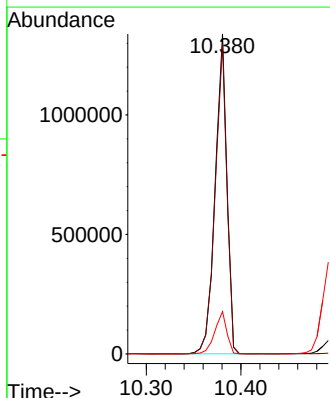
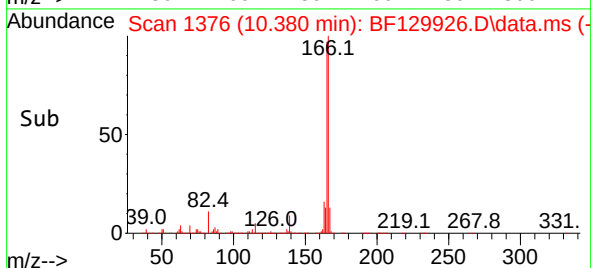
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

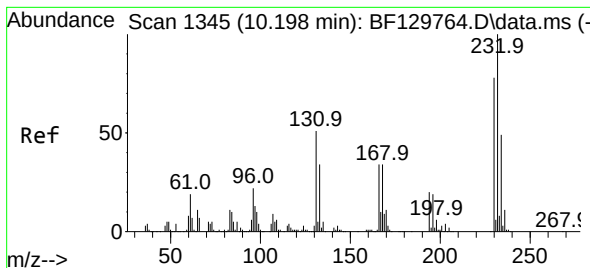


#58
Fluorene
Concen: 48.384 ng
RT: 10.380 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



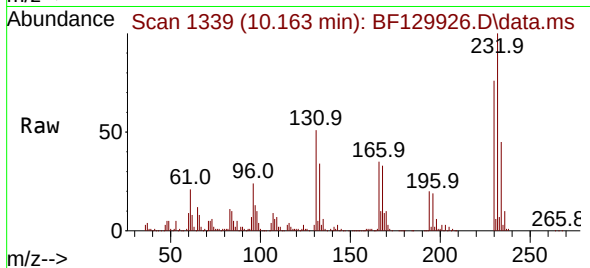
Tgt Ion:166 Resp: 1158412
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 13.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.462 ng
RT: 10.163 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

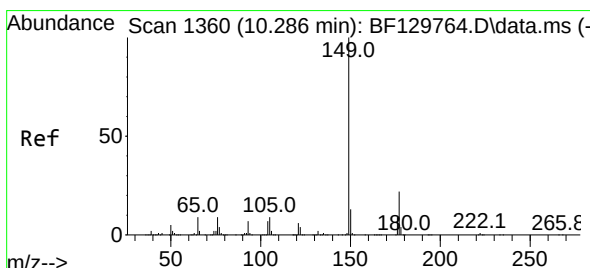
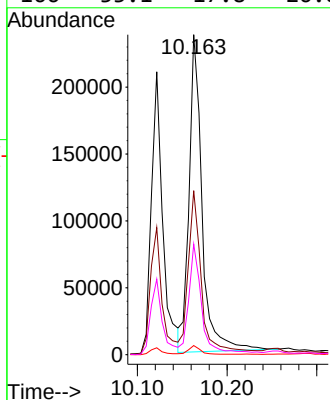
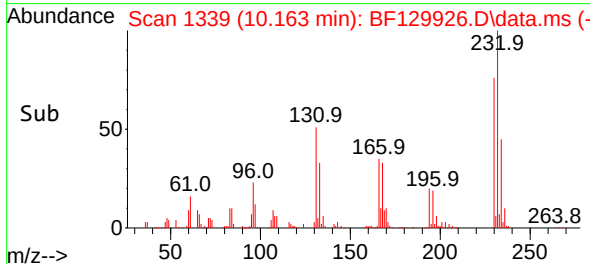
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



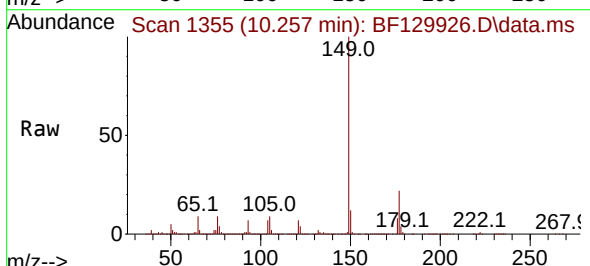
Tgt Ion:232 Resp: 23864
Ion Ratio Lower Upper
232 100
131 49.1 29.9 44.9
130 2.4 1.5 2.3
166 33.1 17.8 26.8#

Manual Integrations
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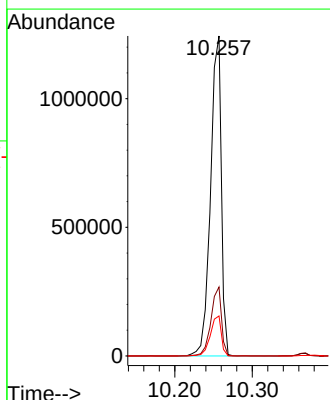
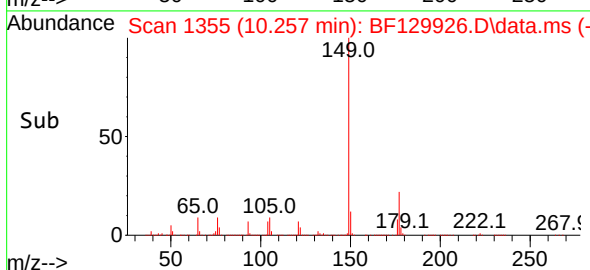
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

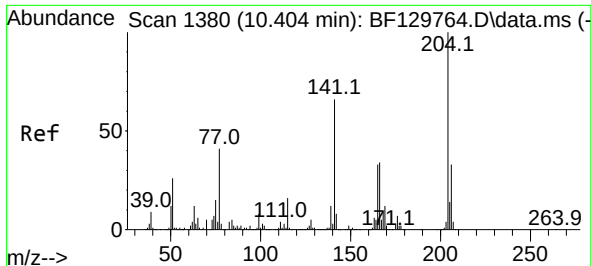


#60
Diethylphthalate
Concen: 48.605 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



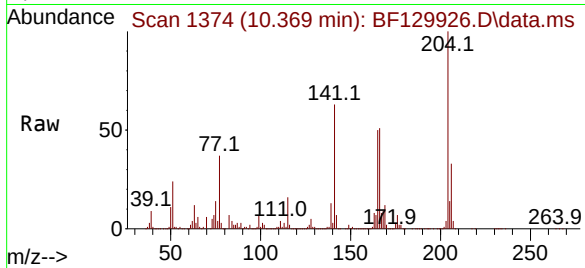
Tgt Ion:149 Resp: 1199093
Ion Ratio Lower Upper
149 100
177 21.6 17.7 26.5
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.325 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

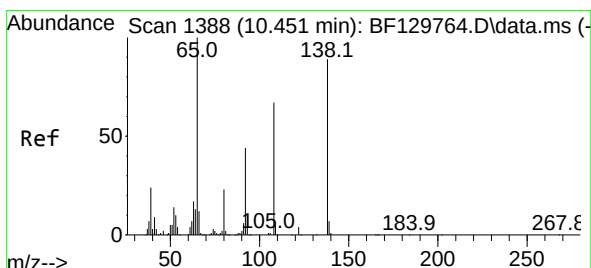
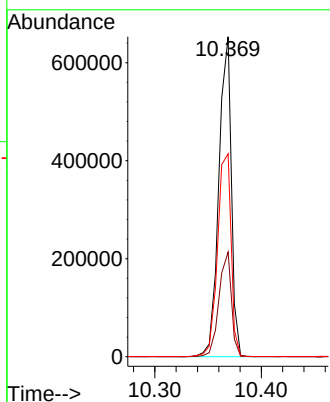
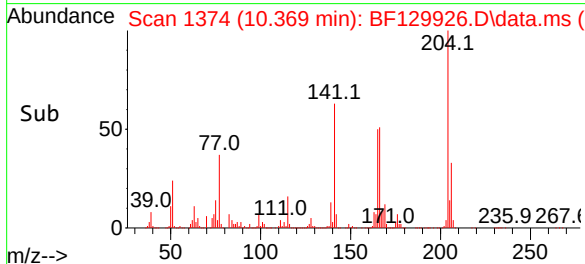
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:204 Resp: 52996
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 63.4 52.6 79.0

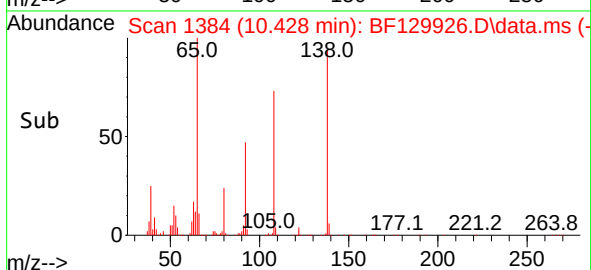
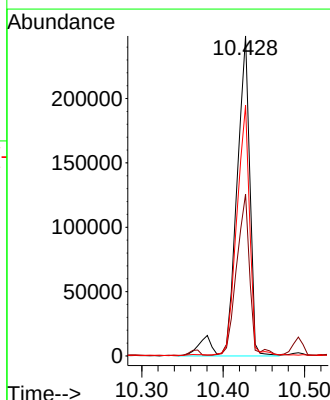
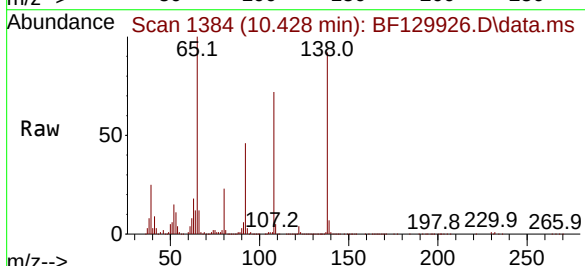
Manual Integrations
APPROVED

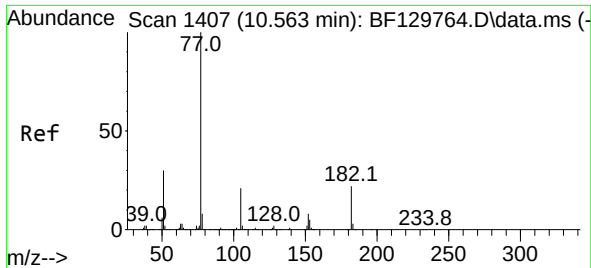
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#62
4-Nitroaniline
Concen: 47.743 ng m
RT: 10.428 min Scan# 1384
Delta R.T. 0.018 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

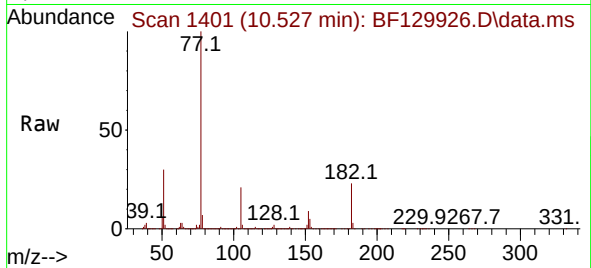
Tgt Ion:138 Resp: 285877
Ion Ratio Lower Upper
138 100
92 50.6 30.3 70.3
108 78.3 55.7 95.7





#63
Azobenzene
Concen: 48.777 ng
RT: 10.527 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

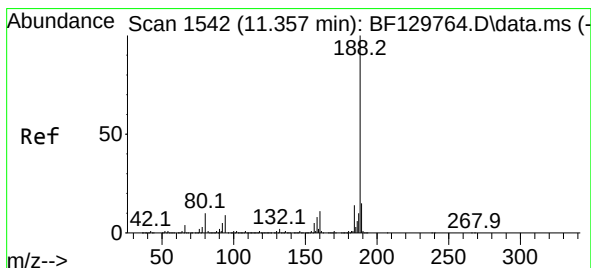
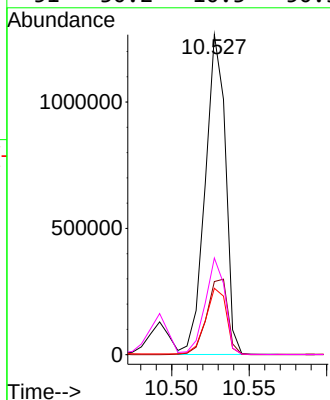
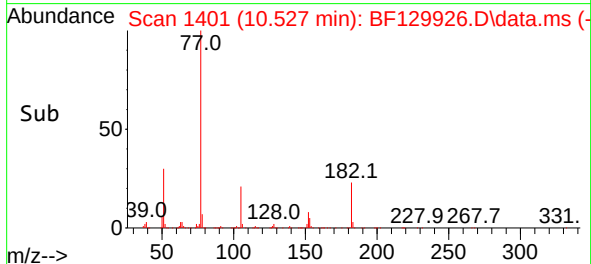
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion: 77 Resp: 115019
Ion Ratio Lower Upper
77 100
182 22.9 2.2 42.2
105 20.8 0.8 40.8
51 30.2 10.3 50.3

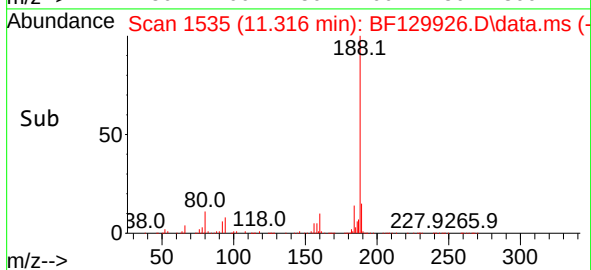
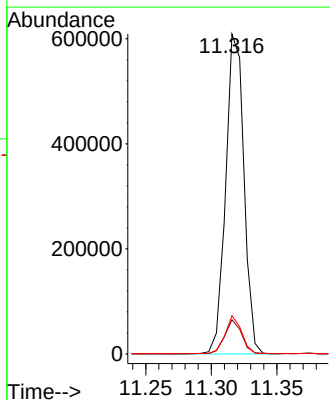
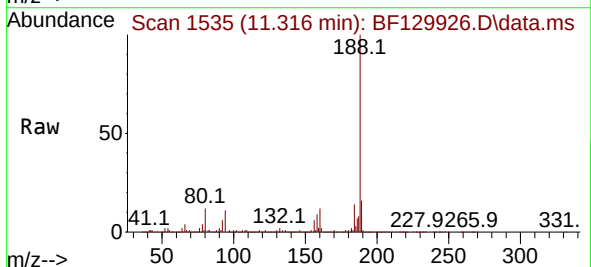
Manual Integrations
APPROVED

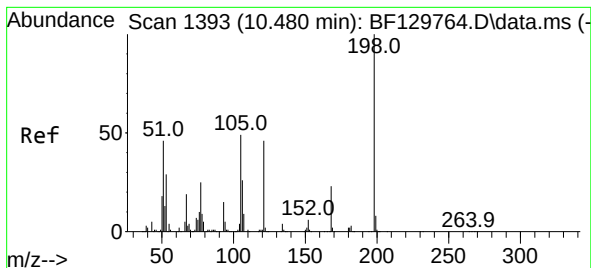
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:188 Resp: 589005
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 11.9 7.9 11.9





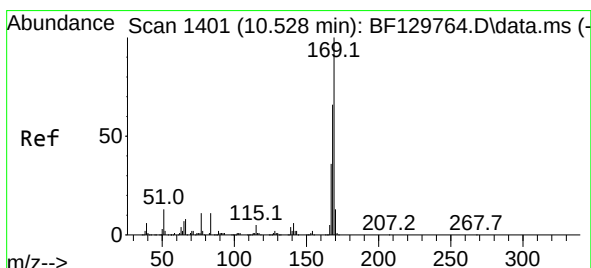
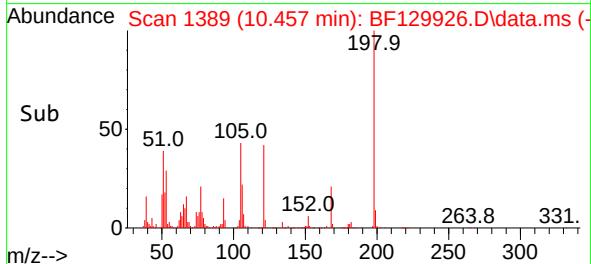
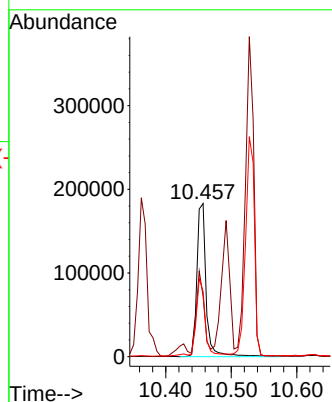
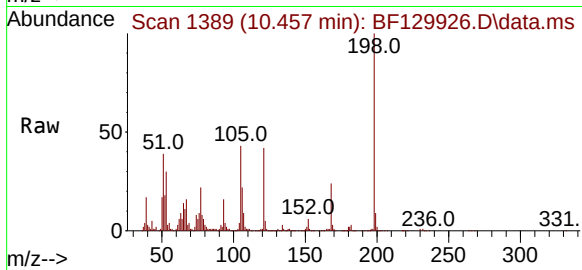
#65
4,6-Dinitro-2-methylphenol
Concen: 52.417 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.012 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :
BNA_F
ClientSampleId :
TP2-0816MS

Tgt Ion:198 Resp: 181240
Ion Ratio Lower Upper
198 100
51 39.5 29.4 69.4
105 42.7 29.2 69.2

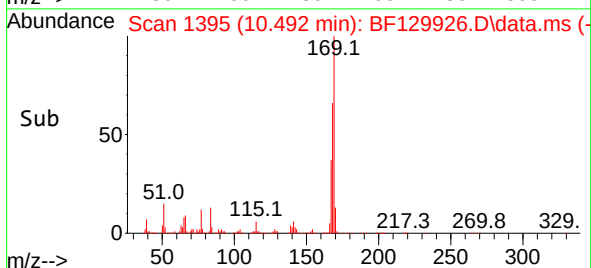
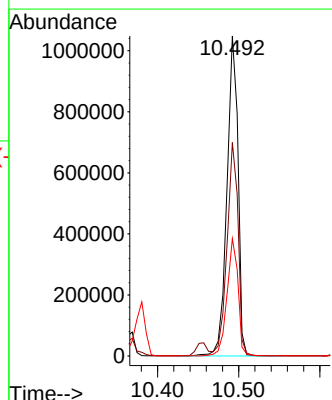
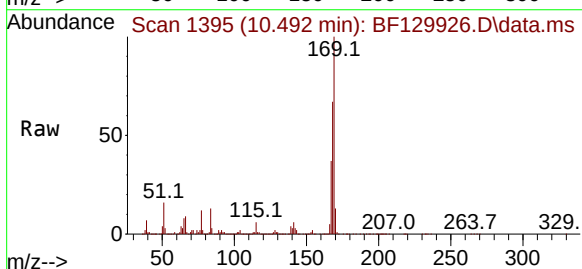
Manual Integrations
APPROVED

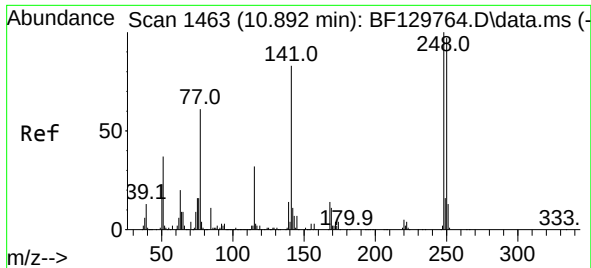
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#66
n-Nitrosodiphenylamine
Concen: 49.987 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

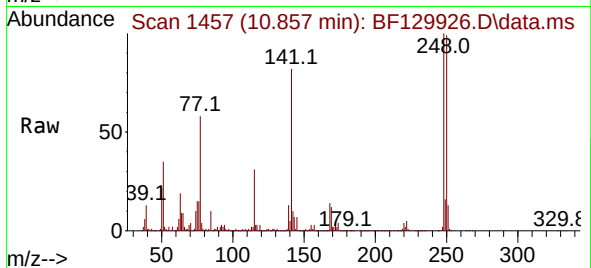
Tgt Ion:169 Resp: 993745
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.7 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 49.655 ng
RT: 10.857 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

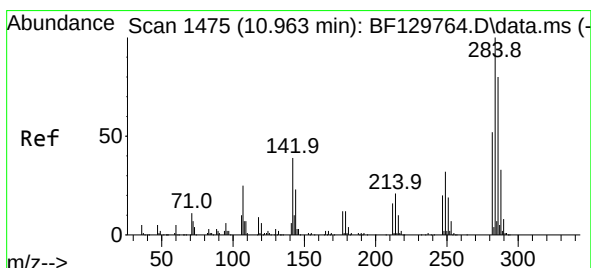
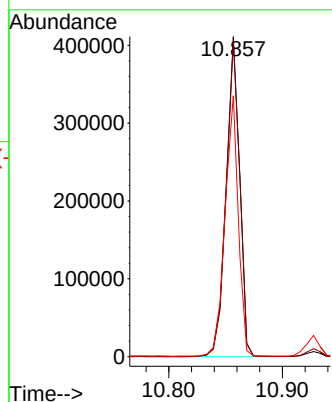
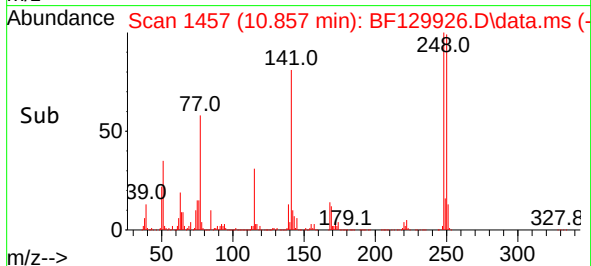
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:248 Resp: 342560
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.6
141 81.6 66.2 99.2

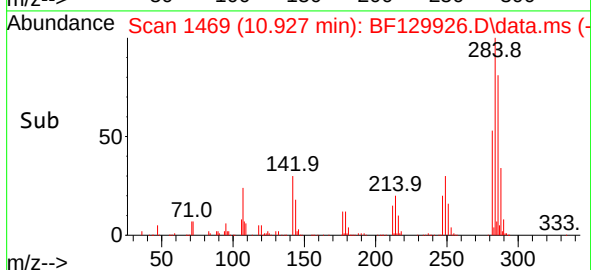
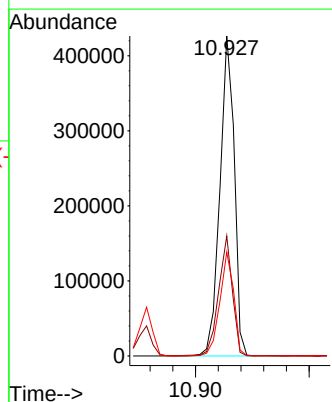
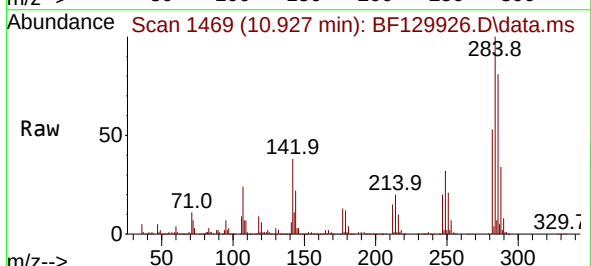
Manual Integrations
APPROVED

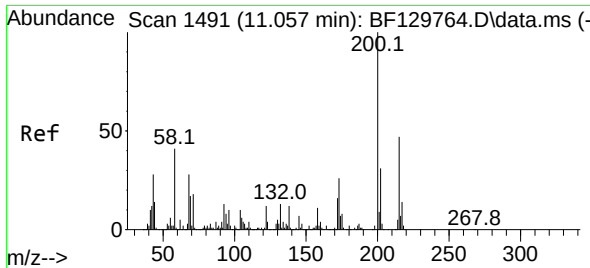
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#68
Hexachlorobenzene
Concen: 50.285 ng
RT: 10.927 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

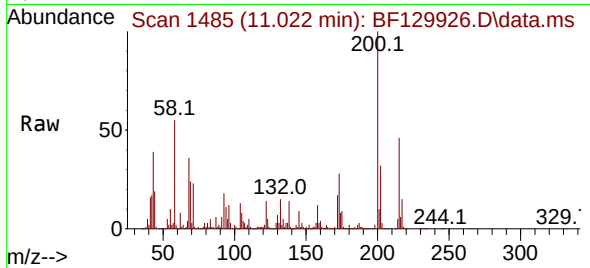
Tgt Ion:284 Resp: 375778
Ion Ratio Lower Upper
284 100
142 37.5 31.4 47.0
249 32.5 25.7 38.5





#69
Atrazine
Concen: 52.450 ng
RT: 11.022 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

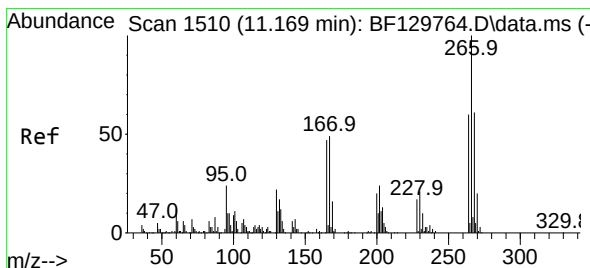
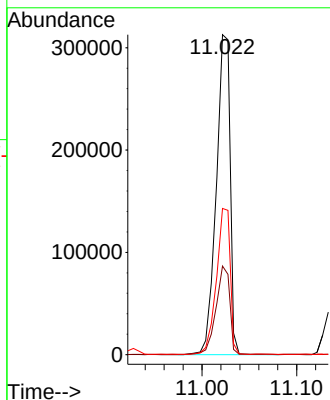
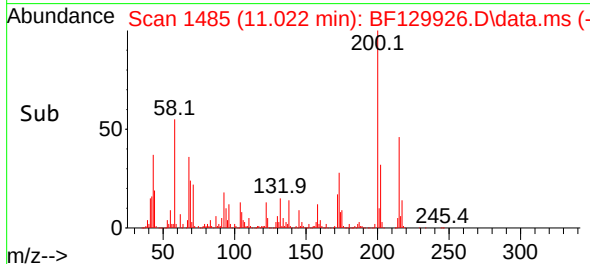
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



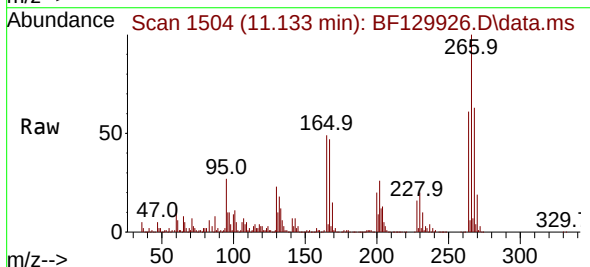
Tgt Ion:200 Resp: 32003
Ion Ratio Lower Upper
200 100
173 27.7 6.4 46.4
215 45.7 27.1 67.1

Manual Integrations
APPROVED

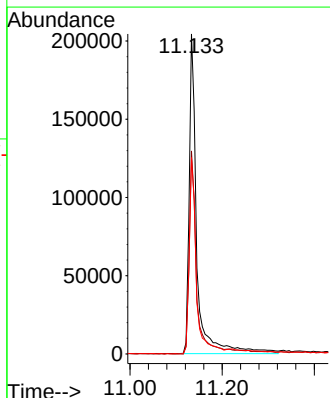
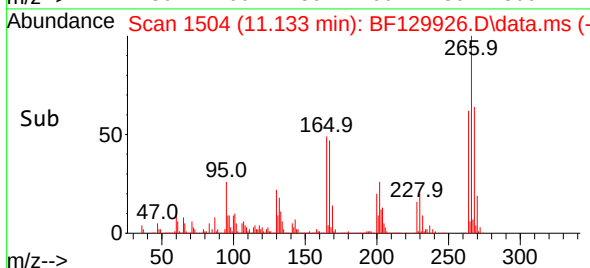
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

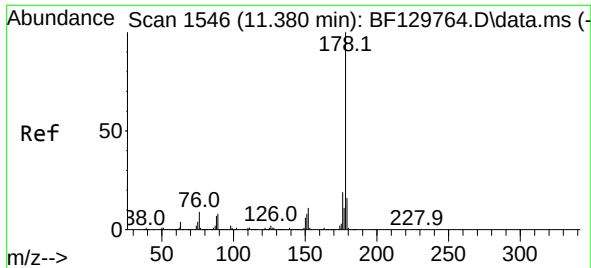


#70
Pentachlorophenol
Concen: 103.514 ng
RT: 11.133 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



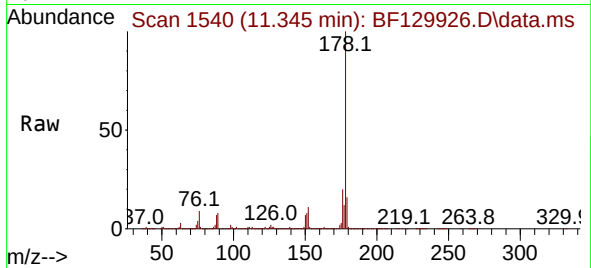
Tgt Ion:266 Resp: 235523
Ion Ratio Lower Upper
266 100
268 63.4 49.0 73.4
264 61.4 47.9 71.9





#71
Phenanthrene
Concen: 48.129 ng
RT: 11.345 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

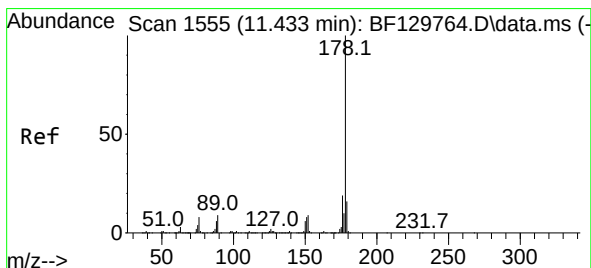
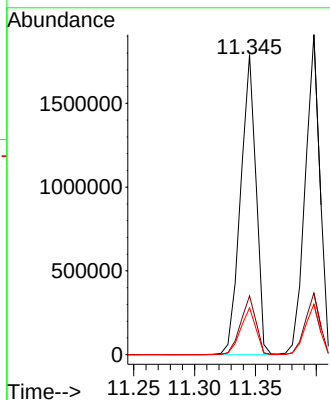
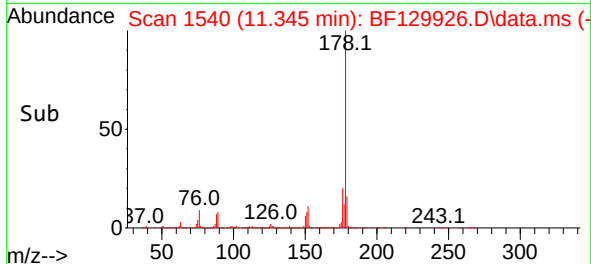
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:178 Resp: 158323
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.5 18.7

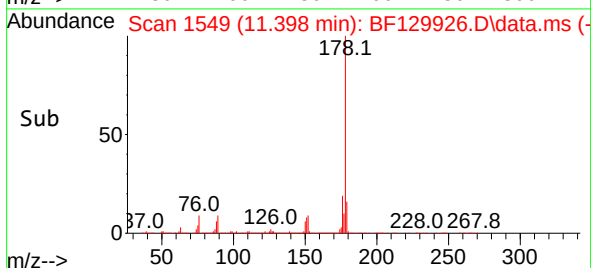
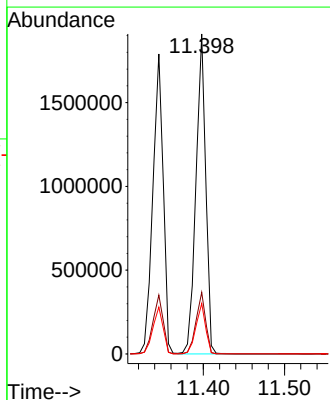
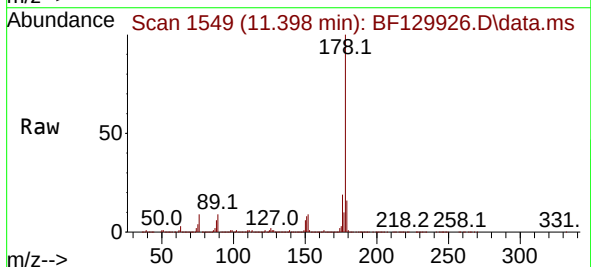
Manual Integrations
APPROVED

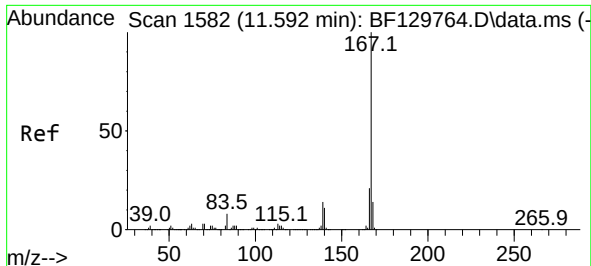
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#72
Anthracene
Concen: 49.234 ng
RT: 11.398 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

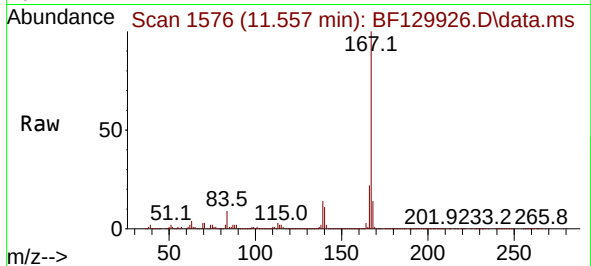
Tgt Ion:178 Resp: 1610589
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 12.6 18.8





#73
Carbazole
Concen: 49.466 ng
RT: 11.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

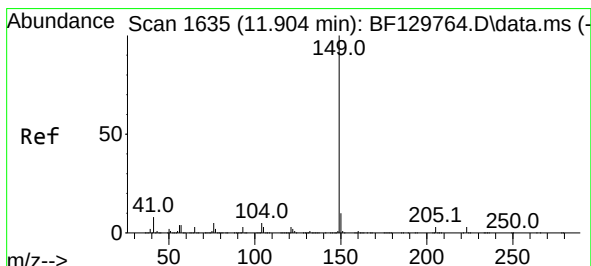
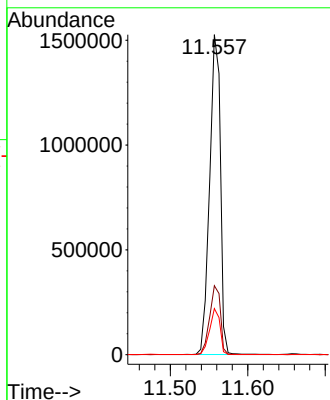
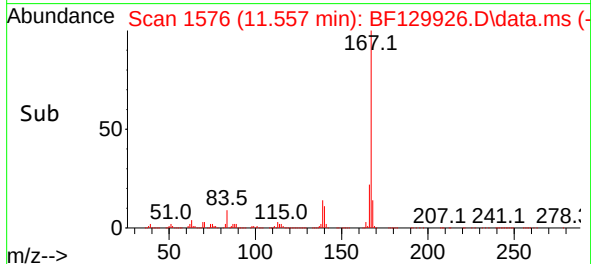
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



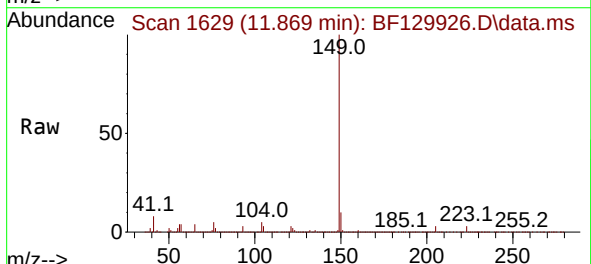
Tgt Ion:167 Resp: 1468920
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 14.4 11.0 16.6

Manual Integrations
APPROVED

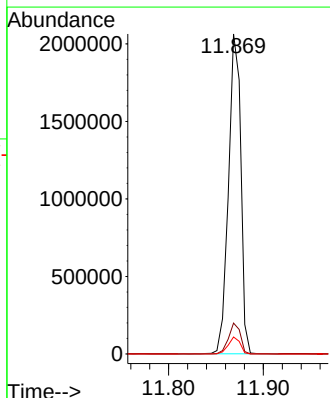
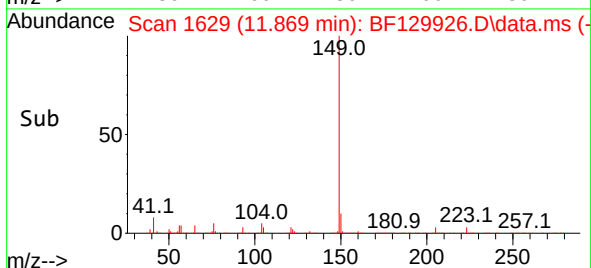
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

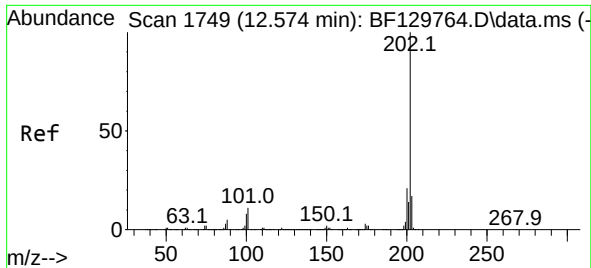


#74
Di-n-butylphthalate
Concen: 48.826 ng
RT: 11.869 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



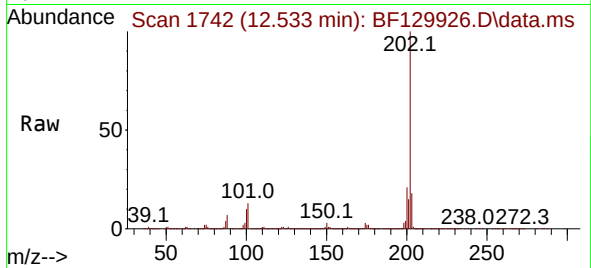
Tgt Ion:149 Resp: 1866072
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 47.039 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

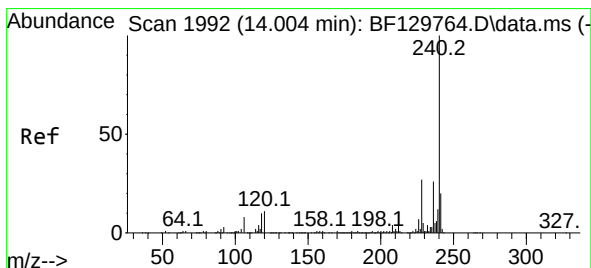
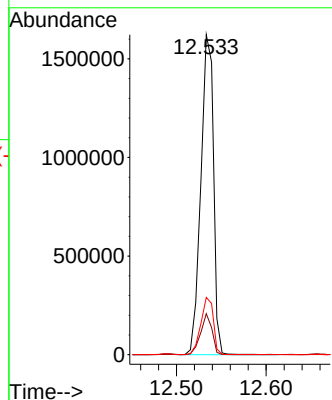
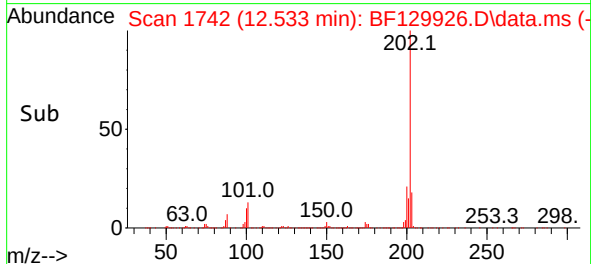
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:202 Resp: 1583408
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.7
203 17.9 0.0 37.5

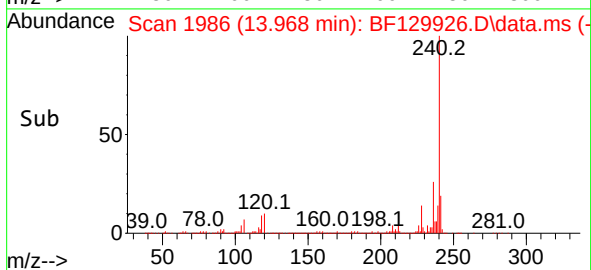
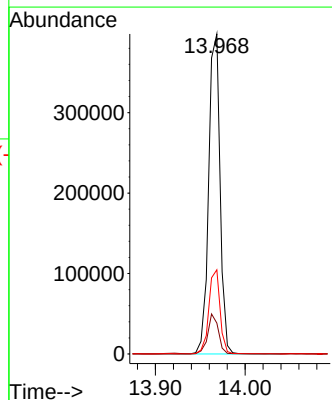
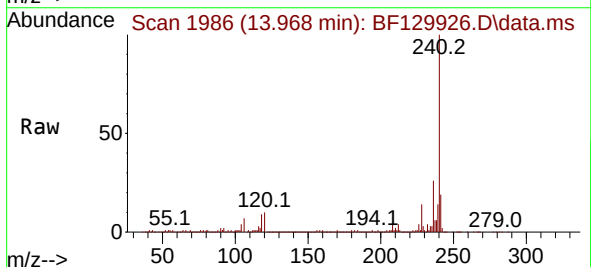
Manual Integrations
APPROVED

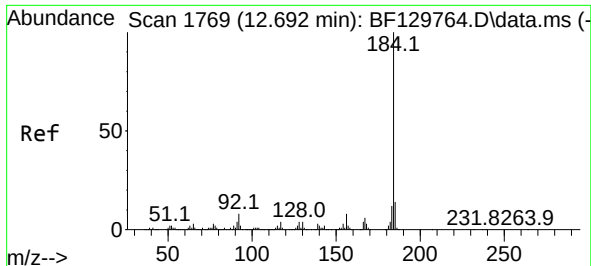
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:240 Resp: 350474
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 26.3 20.7 31.1





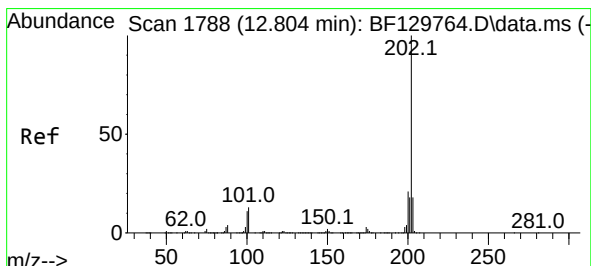
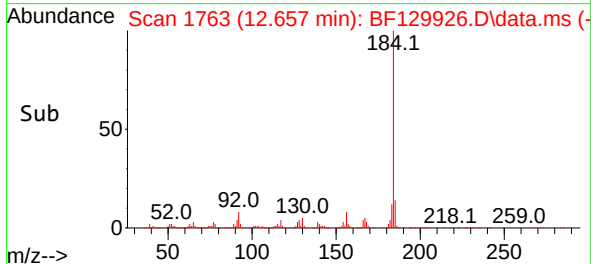
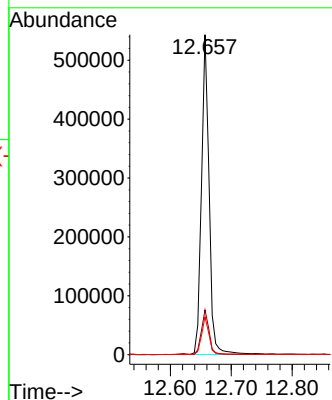
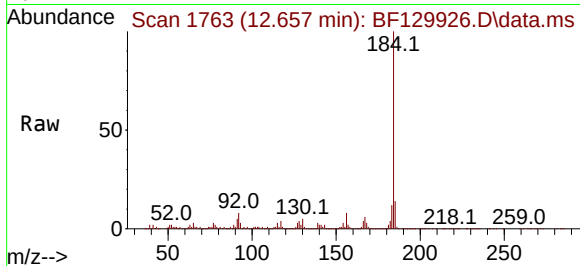
#77
Benzidine
Concen: 57.973 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :
BNA_F
ClientSampleId :
TP2-0816MS

Tgt Ion:184 Resp: 474670
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.8 9.4 14.2

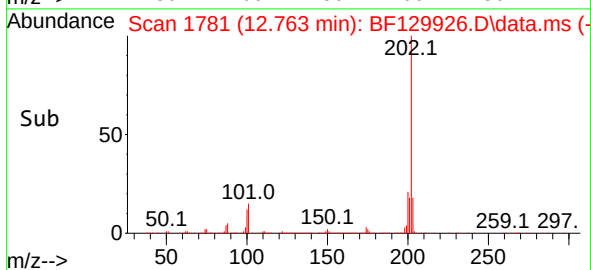
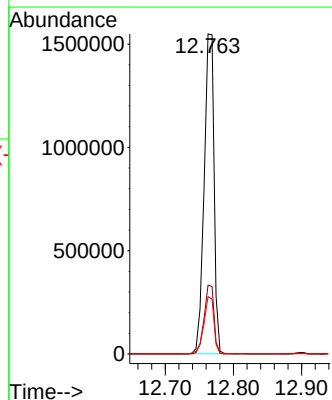
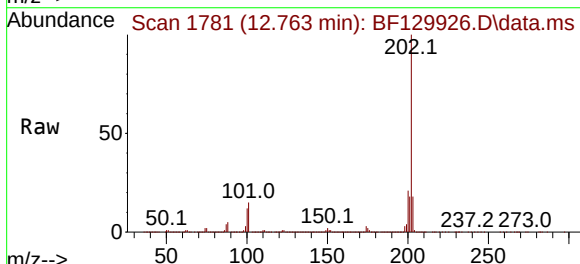
Manual Integrations
APPROVED

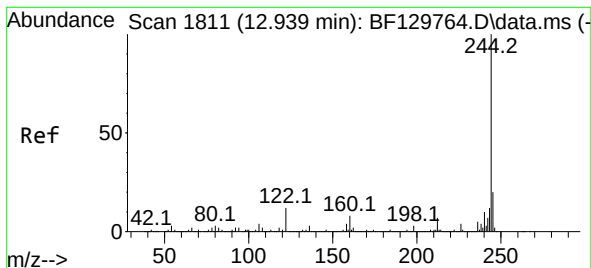
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#78
Pyrene
Concen: 51.552 ng
RT: 12.763 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:202 Resp: 1570078
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 84.574 ng

RT: 12.904 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

Tgt Ion:244 Resp: 1781379

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

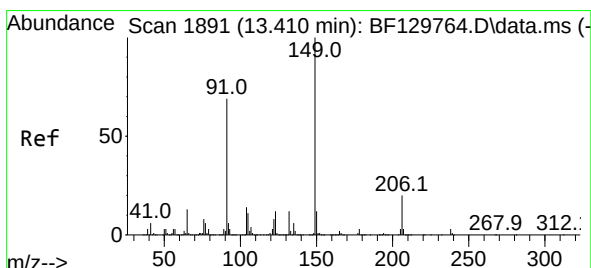
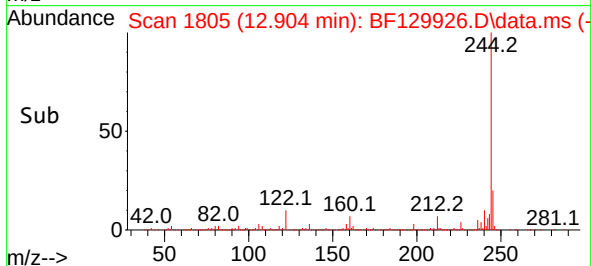
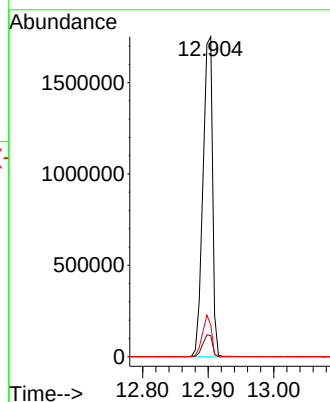
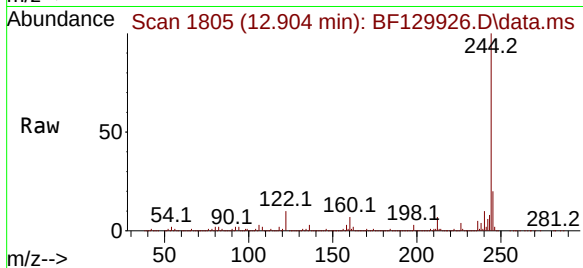
122 9.8 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#80

Butylbenzylphthalate

Concen: 54.181 ng

RT: 13.368 min Scan# 1884

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

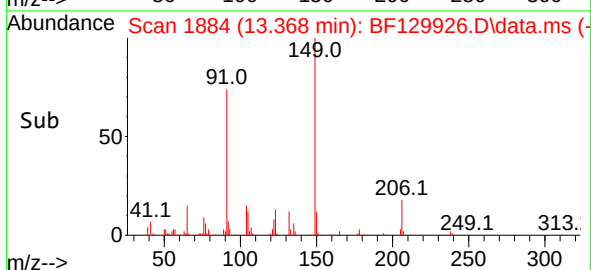
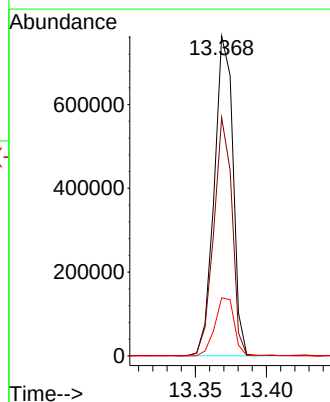
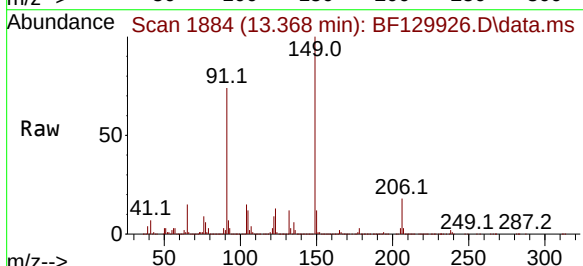
Tgt Ion:149 Resp: 698253

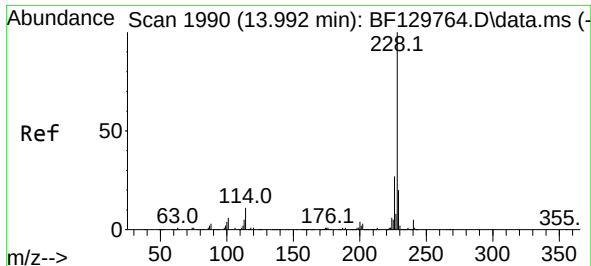
Ion Ratio Lower Upper

149 100

91 74.5 55.4 83.0

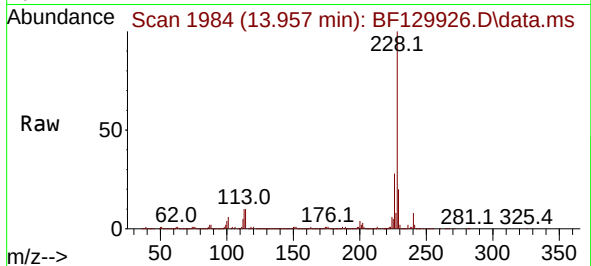
206 18.2 15.8 23.6





#81
Benzo(a)anthracene
Concen: 47.584 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

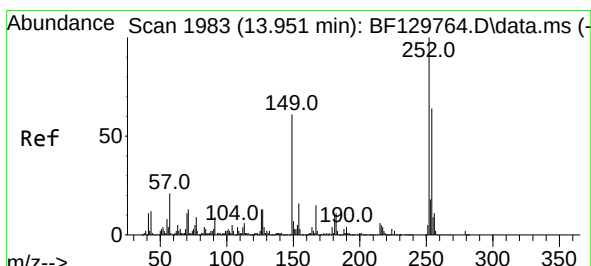
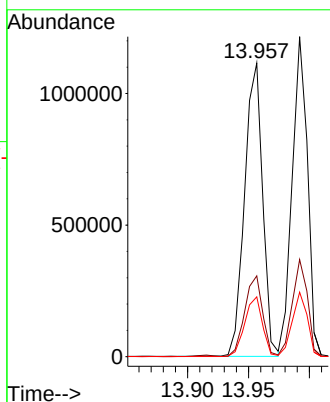
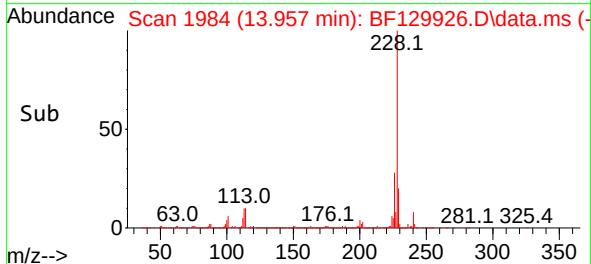
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:228 Resp: 1147208
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.4 16.1 24.1

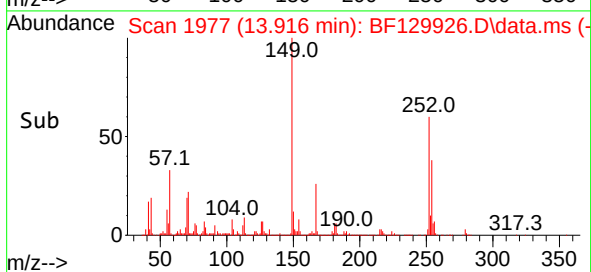
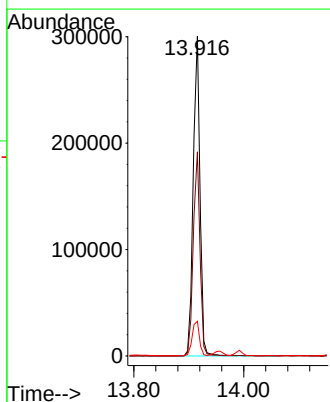
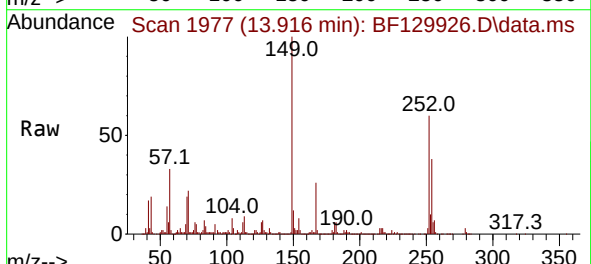
Manual Integrations
APPROVED

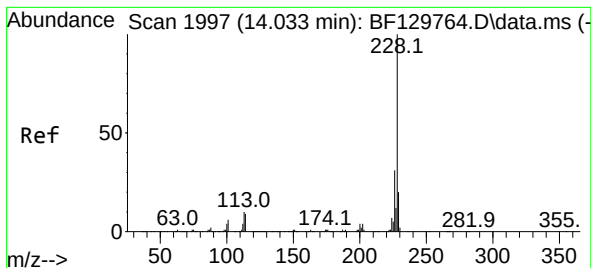
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.099 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:252 Resp: 254609
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 10.9 10.2 15.4





#83

Chrysene

Concen: 46.994 ng

RT: 13.992 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

Tgt Ion:228 Resp: 1060569

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

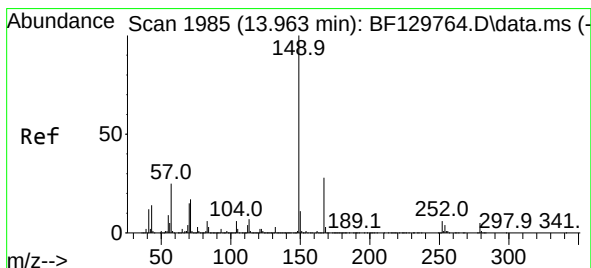
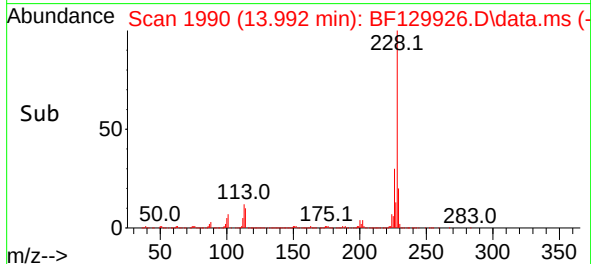
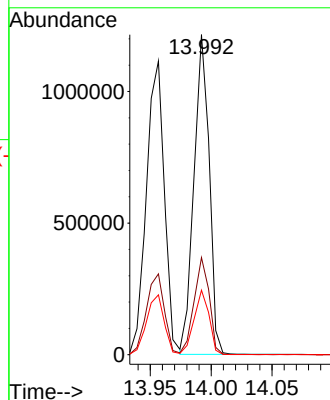
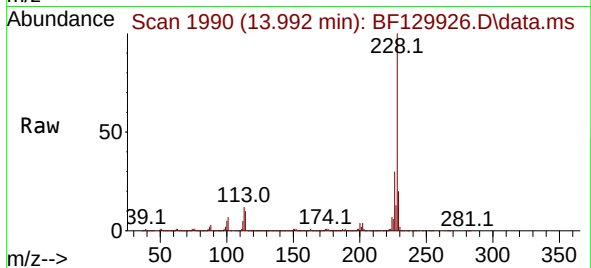
229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.656 ng

RT: 13.921 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

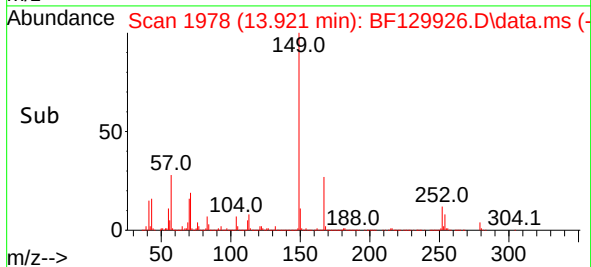
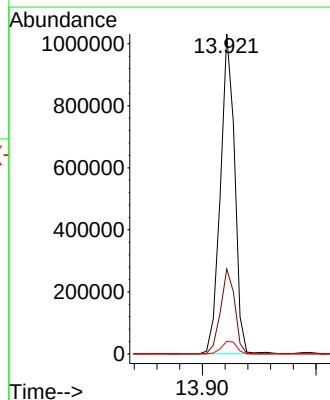
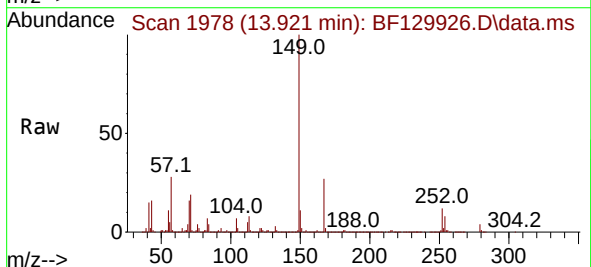
Tgt Ion:149 Resp: 896817

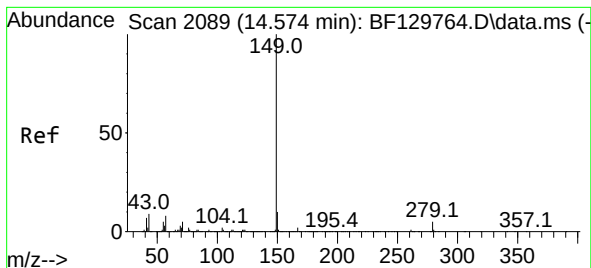
Ion Ratio Lower Upper

149 100

167 26.6 22.0 33.0

279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 58.327 ng

RT: 14.533 min Scan# 2082

Delta R.T. 0.000 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS

Tgt Ion:149 Resp: 1231070

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

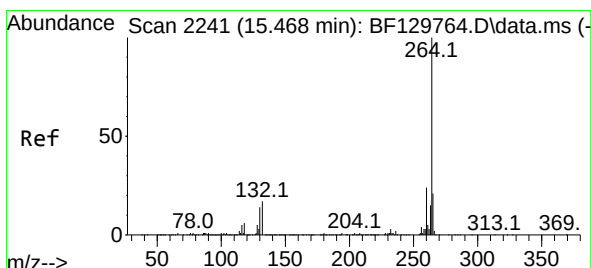
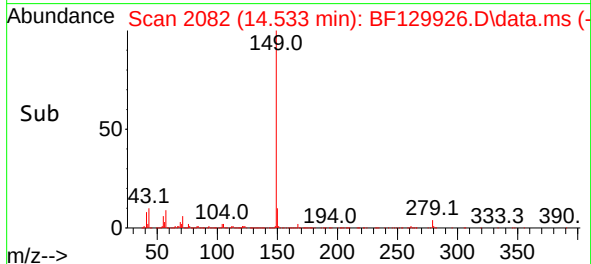
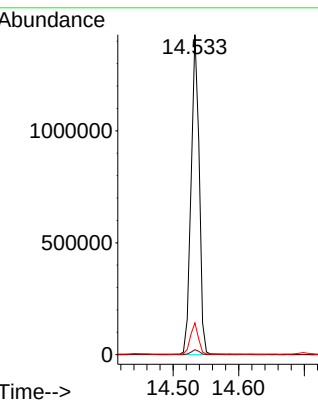
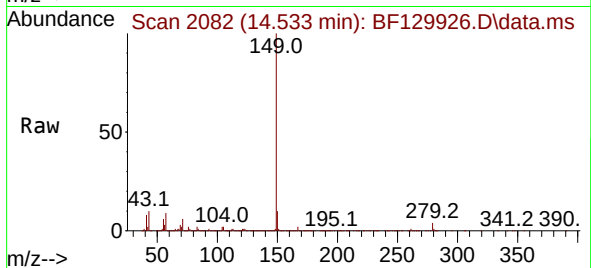
43 9.4 7.8 11.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2233

Delta R.T. 0.006 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

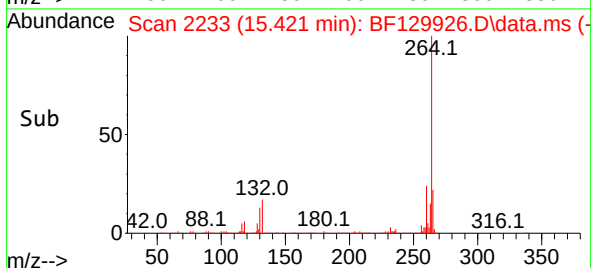
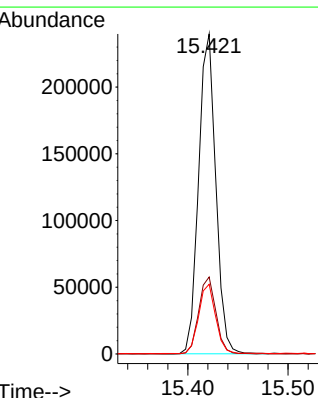
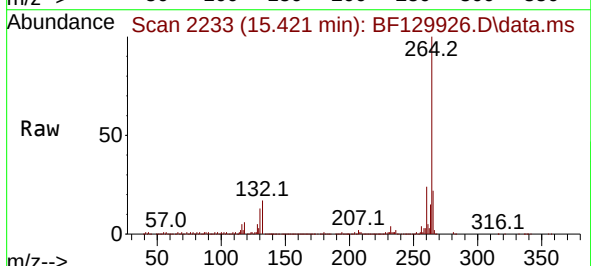
Tgt Ion:264 Resp: 285384

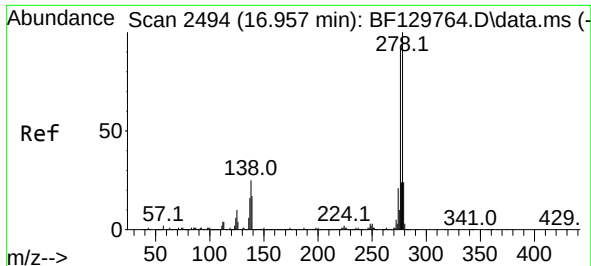
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.8 16.7 25.1





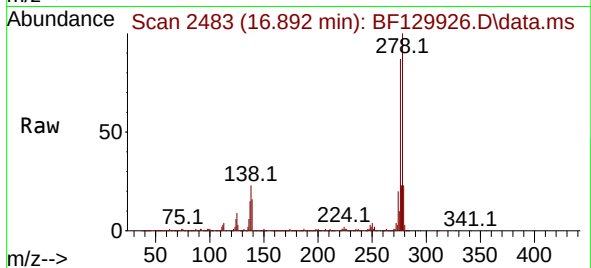
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.521 ng
RT: 16.892 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Instrument :

BNA_F

ClientSampleId :

TP2-0816MS



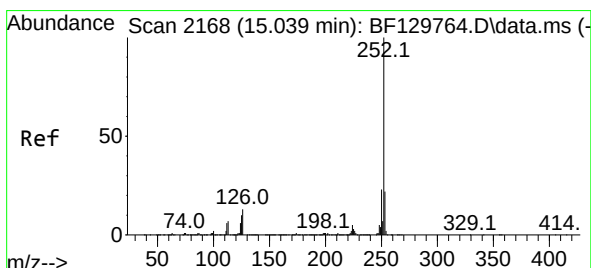
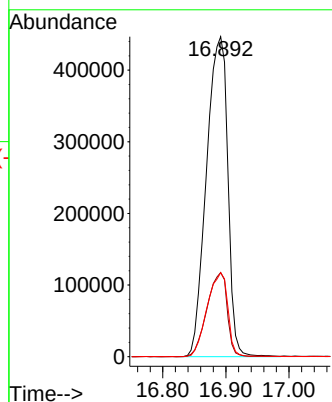
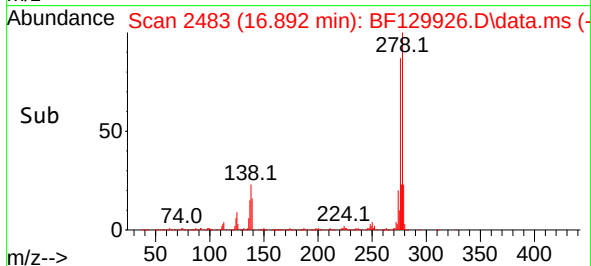
Tgt Ion:276 Resp: 104858
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.8
277 25.5 20.4 30.6

Manual Integrations

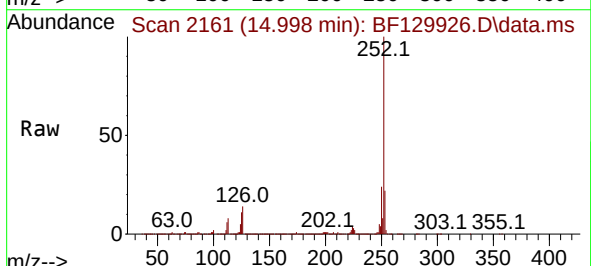
APPROVED

Reviewed By :Christian Giraldo 08/22/2022

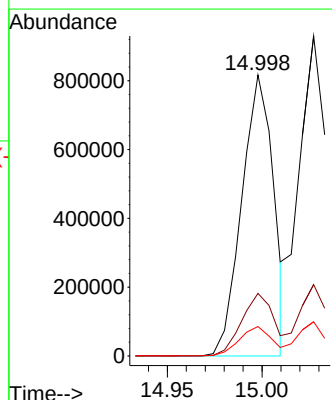
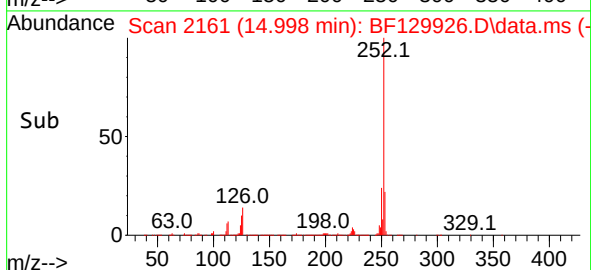
Supervised By :Jagrut Upadhyay 08/22/2022

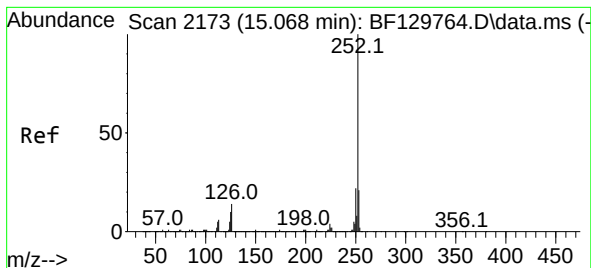


#88
Benzo(b)fluoranthene
Concen: 48.931 ng
RT: 14.998 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14



Tgt Ion:252 Resp: 956207
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.5 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 50.496 ng

RT: 15.027 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

Instrument :

BNF

ClientSampleId :

TP2-0816MS

Tgt Ion:252 Resp: 946340

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

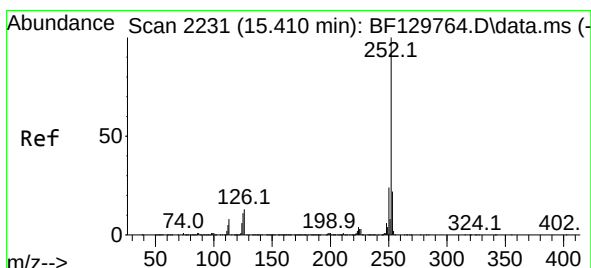
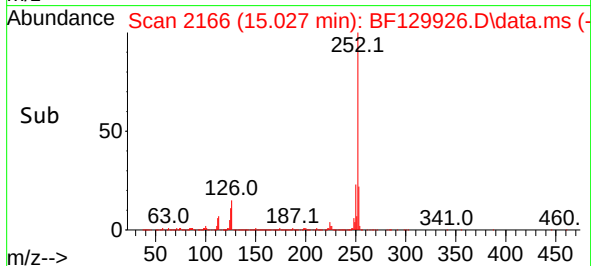
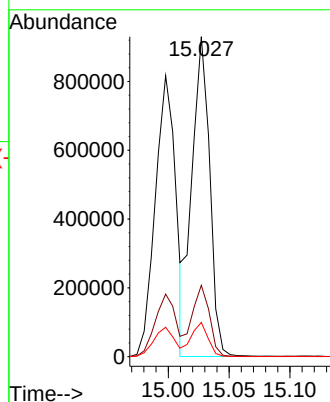
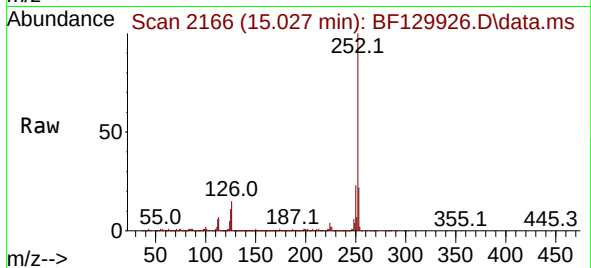
125 10.7 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#90

Benzo(a)pyrene

Concen: 53.752 ng

RT: 15.362 min Scan# 2223

Delta R.T. 0.006 min

Lab File: BF129926.D

Acq: 20 Aug 2022 00:14

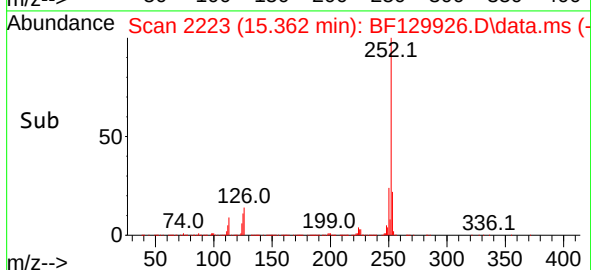
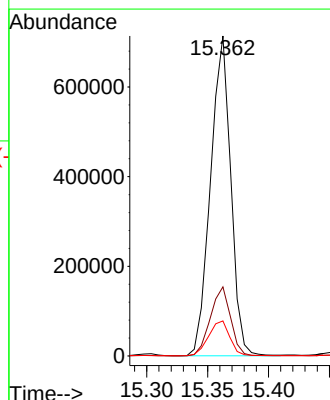
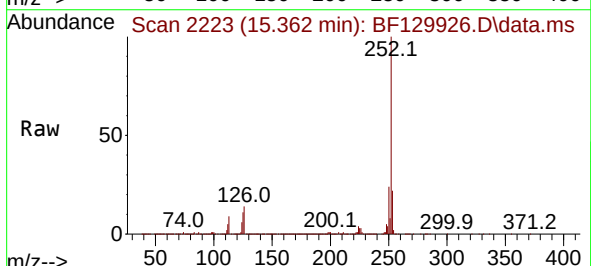
Tgt Ion:252 Resp: 827193

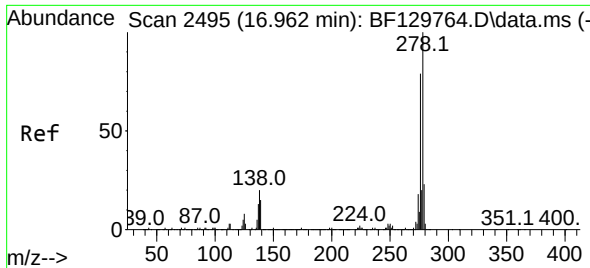
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

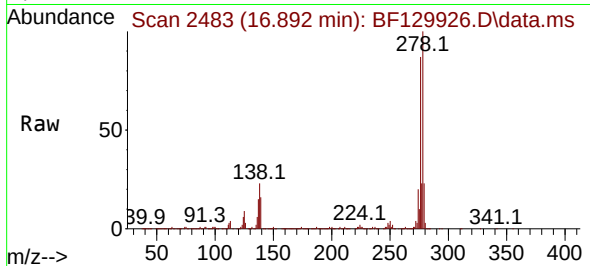
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 55.604 ng
RT: 16.892 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

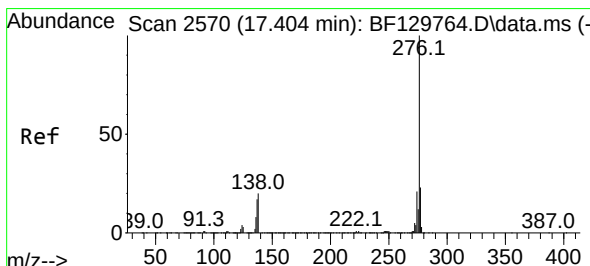
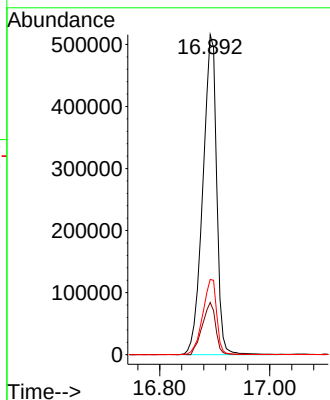
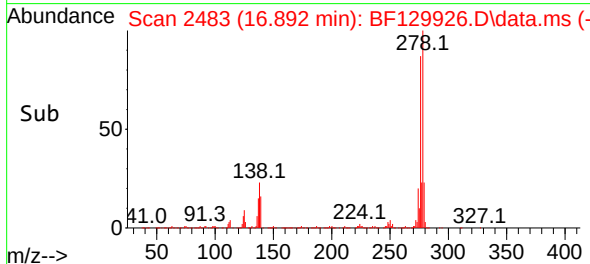
Instrument :
BNA_F
ClientSampleId :
TP2-0816MS



Tgt Ion:278 Resp: 898879
Ion Ratio Lower Upper
278 100
139 16.3 12.2 18.4
279 23.5 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#92
Benzo(g,h,i)perylene
Concen: 56.654 ng
RT: 17.327 min Scan# 2557
Delta R.T. 0.000 min
Lab File: BF129926.D
Acq: 20 Aug 2022 00:14

Tgt Ion:276 Resp: 913702
Ion Ratio Lower Upper
276 100
277 24.4 18.2 27.4
138 21.9 15.8 23.8

