

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129949.D
 Acq On : 23 Aug 2022 12:28
 Operator : CG\JU
 Sample : PB147059BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147059BSD

Quant Time: Aug 23 13:23:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	125648	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	525638	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	285651	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	481794	20.000	ng	0.00
76) Chrysene-d12	13.951	240	317465	20.000	ng	0.00
86) Perylene-d12	15.404	264	259640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	781411	102.969	ng	0.01
7) Phenol-d6	6.440	99	949641	99.927	ng	0.00
23) Nitrobenzene-d5	7.351	82	925157	94.220	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	268449	93.636	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1703890	90.596	ng	0.00
79) Terphenyl-d14	12.892	244	1915305	100.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	131107	41.876	ng	95
3) Pyridine	3.352	79	343800	41.961	ng	96
4) n-Nitrosodimethylamine	3.310	42	215541	57.083	ng	87
6) Aniline	6.445	93	424812	39.221	ng	99
8) 2-Chlorophenol	6.575	128	437146	51.745	ng	96
9) Benzaldehyde	6.334	77	250534	51.093	ng	96
10) Phenol	6.451	94	533290	51.158	ng	91
11) bis(2-Chloroethyl)ether	6.516	93	403209	50.936	ng	95
12) 1,3-Dichlorobenzene	6.716	146	453706	49.746	ng	100
13) 1,4-Dichlorobenzene	6.793	146	458035	49.151	ng	99
14) 1,2-Dichlorobenzene	6.945	146	432408	49.960	ng	98
15) Benzyl Alcohol	6.934	79	383185	53.411	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	563299	53.105	ng	93
17) 2-Methylphenol	7.051	107	348082	51.314	ng	96
18) Hexachloroethane	7.281	117	180808	51.667	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	317796	52.905	ng	98
20) 3+4-Methylphenols	7.210	107	454806	49.948	ng	99
22) Acetophenone	7.192	105	629673	49.157	ng	# 98
24) Nitrobenzene	7.369	77	471075	47.577	ng	94
25) Isophorone	7.604	82	856854	50.701	ng	97
26) 2-Nitrophenol	7.681	139	232173	47.672	ng	89
27) 2,4-Dimethylphenol	7.728	122	378385	54.175	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	516256	52.318	ng	99
29) 2,4-Dichlorophenol	7.934	162	362801	47.504	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	370111	45.937	ng	98
31) Naphthalene	8.081	128	1253107	45.595	ng	99
32) Benzoic acid	7.892	122	175977	53.876	ng	90
33) 4-Chloroaniline	8.139	127	239558	22.165	ng	98
34) Hexachlorobutadiene	8.187	225	227490	46.370	ng	99
35) Caprolactam	8.528	113	112968m	47.566	ng	
36) 4-Chloro-3-methylphenol	8.645	107	412984	50.124	ng	99
37) 2-Methylnaphthalene	8.775	142	832137	46.132	ng	100
38) 1-Methylnaphthalene	8.869	142	787341	44.912	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	371057	46.704	ng	99
41) Hexachlorocyclopentadiene	8.916	237	278552	96.196	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	229352	44.431	ng	98

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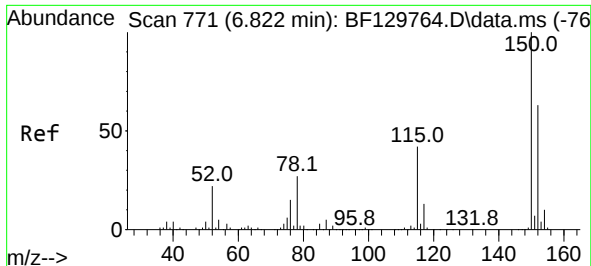
Manual Integrations
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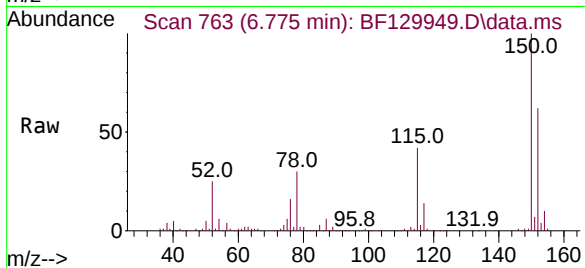
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	244363	44.001	ng	97
46) 1,1'-Biphenyl	9.239	154	1021393	47.067	ng	99
47) 2-Chloronaphthalene	9.263	162	781165	45.495	ng	96
48) 2-Nitroaniline	9.375	65	268035	49.397	ng	99
49) Acenaphthylene	9.681	152	1176081	45.169	ng	100
50) Dimethylphthalate	9.545	163	958456	46.806	ng	100
51) 2,6-Dinitrotoluene	9.616	165	208301	46.893	ng	98
52) Acenaphthene	9.851	154	726487	45.989	ng	99
53) 3-Nitroaniline	9.786	138	132902	27.055	ng	91
54) 2,4-Dinitrophenol	9.910	184	174522	86.427	ng	97
55) Dibenzofuran	10.022	168	1087634	45.829	ng	94
56) 4-Nitrophenol	9.981	139	193431	88.510	ng	88
57) 2,4-Dinitrotoluene	10.028	165	279387	48.452	ng	98
58) Fluorene	10.369	166	903936	45.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	180108	44.192	ng	# 73
60) Diethylphthalate	10.239	149	958854	46.961	ng	97
61) 4-Chlorophenyl-phenyle...	10.357	204	418382	47.048	ng	99
62) 4-Nitroaniline	10.416	138	214844m	43.352	ng	
63) Azobenzene	10.516	77	932404	47.775	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	127861	45.206	ng	88
66) n-Nitrosodiphenylamine	10.480	169	775499	47.689	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	266736	47.268	ng	96
68) Hexachlorobenzene	10.916	284	300610	49.177	ng	95
69) Atrazine	11.010	200	263893	52.873	ng	96
70) Pentachlorophenol	11.122	266	164827	89.311	ng	99
71) Phenanthrene	11.333	178	1248981	46.417	ng	100
72) Anthracene	11.386	178	1291634	48.270	ng	100
73) Carbazole	11.545	167	1175520	48.394	ng	100
74) Di-n-butylphthalate	11.857	149	1505221	48.148	ng	100
75) Fluoranthene	12.522	202	1287072	46.744	ng	99
77) Benzidine	12.645	184	458005	62.149	ng	99
78) Pyrene	12.751	202	1299824	47.116	ng	100
80) Butylbenzylphthalate	13.357	149	562024	48.145	ng	92
81) Benzo(a)anthracene	13.945	228	999421	45.764	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	203107	30.030	ng	# 98
83) Chrysene	13.980	228	927477	45.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	690725	49.874	ng	97
85) Di-n-octyl phthalate	14.521	149	933434	48.824	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	862412	48.383	ng	99
88) Benzo(b)fluoranthene	14.986	252	863597	48.574	ng	99
89) Benzo(k)fluoranthene	15.015	252	806829	47.321	ng	98
90) Benzo(a)pyrene	15.345	252	709749	50.693	ng	100
91) Dibenzo(a,h)anthracene	16.868	278	754187	51.280	ng	100
92) Benzo(g,h,i)perylene	17.304	276	754916	51.450	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

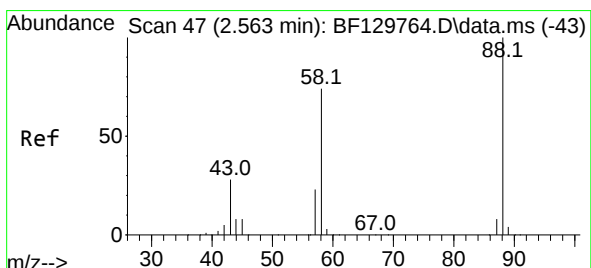
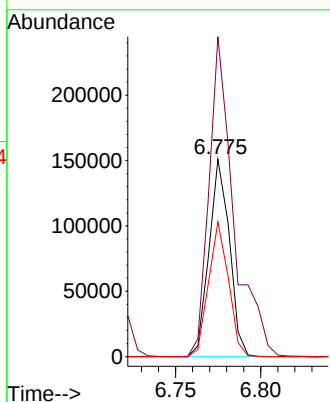
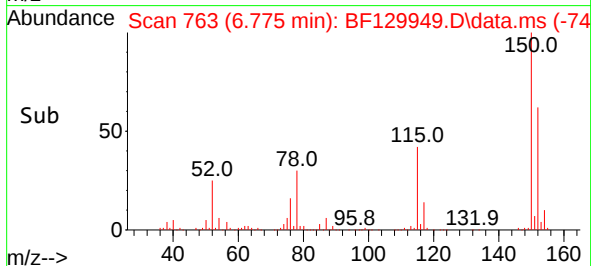
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion: 152 Resp: 125648
Ion Ratio Lower Upper
152 100
150 162.1 126.9 190.3
115 68.2 53.4 80.0

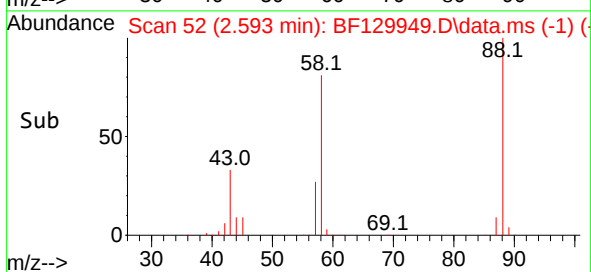
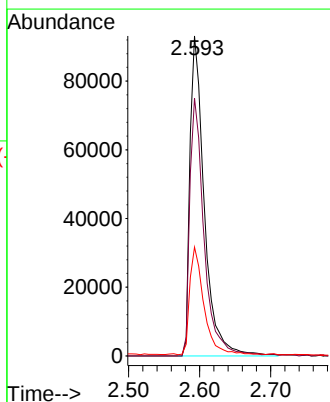
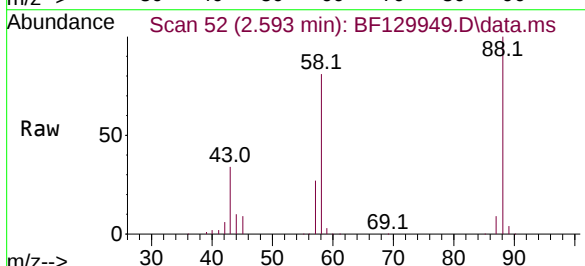
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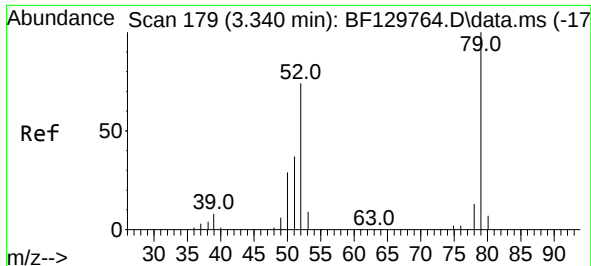
Reviewed By : Christian Giraldo 08/24/2022
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#2
1,4-Dioxane
Concen: 41.876 ng
RT: 2.593 min Scan# 52
Delta R.T. 0.112 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

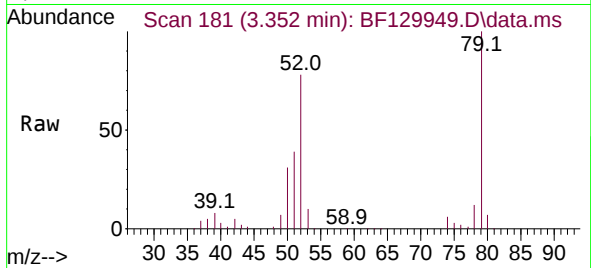
Tgt Ion: 88 Resp: 131107
Ion Ratio Lower Upper
88 100
58 79.9 60.9 91.3
43 33.1 23.6 35.4





#3
Pyridine
Concen: 41.961 ng
RT: 3.352 min Scan# 181
Delta R.T. 0.106 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

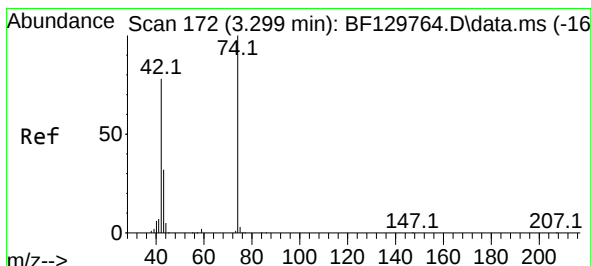
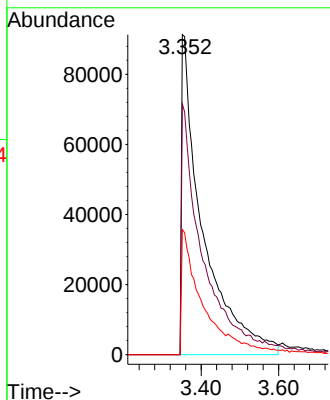
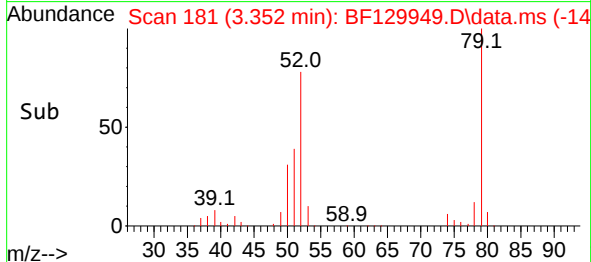
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



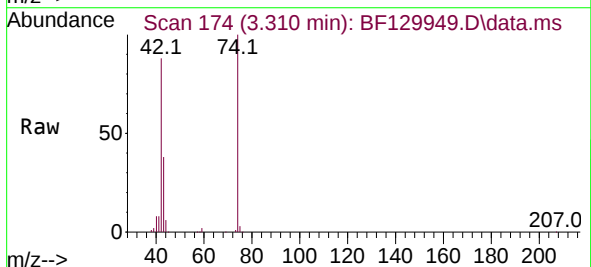
Tgt Ion: 79 Resp: 343800
Ion Ratio Lower Upper
79 100
52 78.3 59.4 89.2
51 39.0 29.5 44.3

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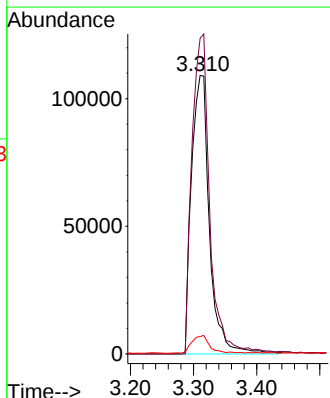
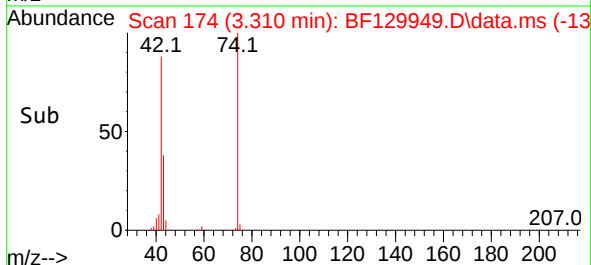
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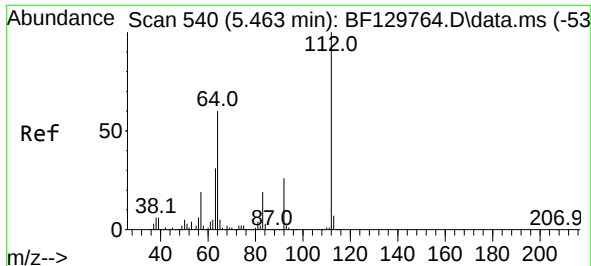


#4
n-Nitrosodimethylamine
Concen: 57.083 ng
RT: 3.310 min Scan# 174
Delta R.T. 0.106 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



Tgt Ion: 42 Resp: 215541
Ion Ratio Lower Upper
42 100
74 113.4 103.1 154.7
44 6.3 5.4 8.2





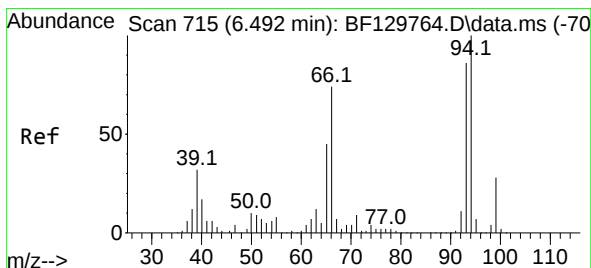
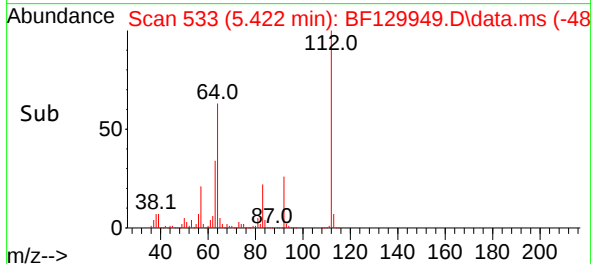
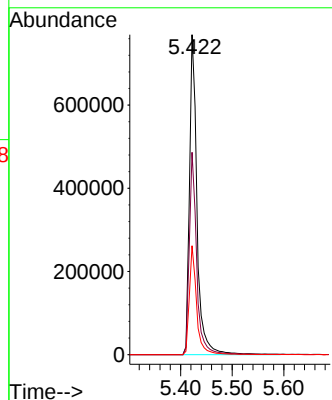
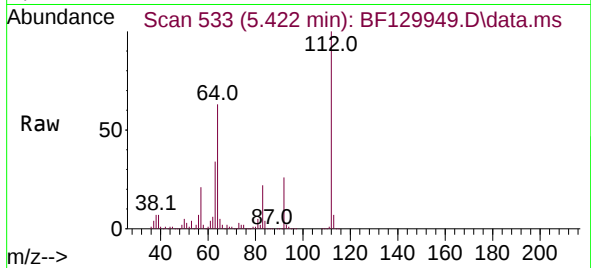
#5
2-Fluorophenol
Concen: 102.969 ng
RT: 5.422 min Scan# 53
Delta R.T. 0.012 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 78141
Ion Ratio Lower Upper
112 100
64 63.2 47.6 71.4
63 34.0 24.6 37.0

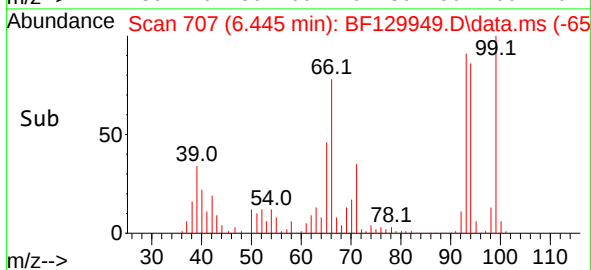
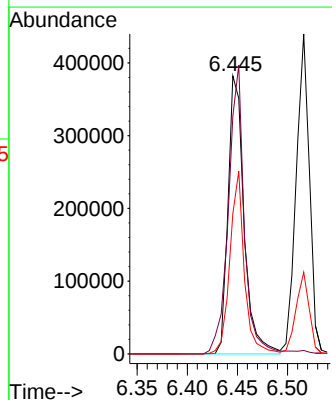
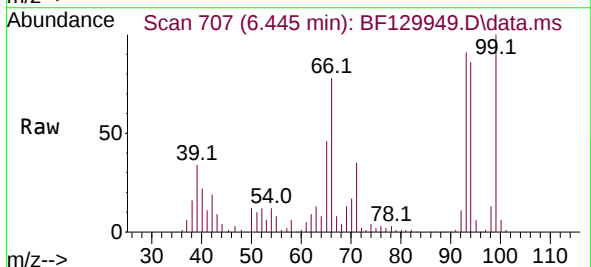
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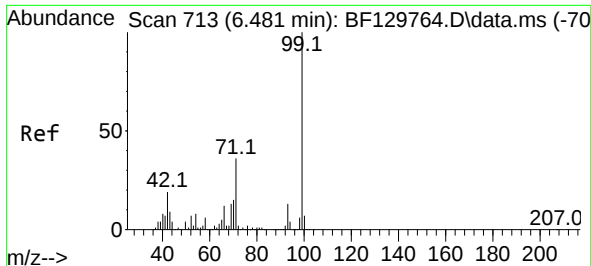
Reviewed By :Christian Giraldo 08/24/2022
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#6
Aniline
Concen: 39.221 ng
RT: 6.445 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

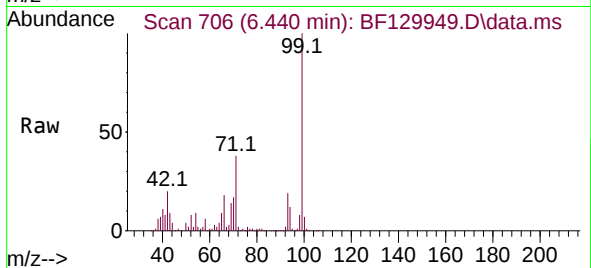
Tgt Ion: 93 Resp: 424812
Ion Ratio Lower Upper
93 100
66 85.5 68.7 103.1
65 50.5 41.6 62.4





#7
Phenol-d6
Concen: 99.927 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

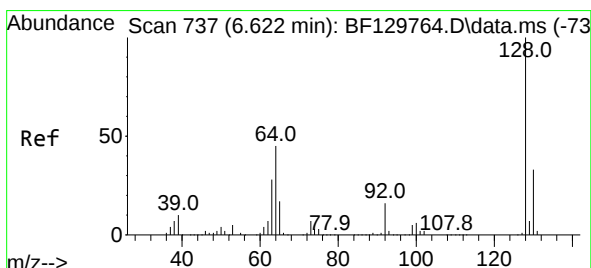
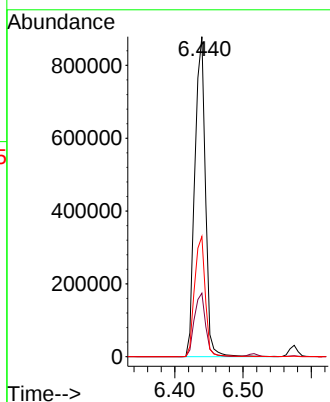
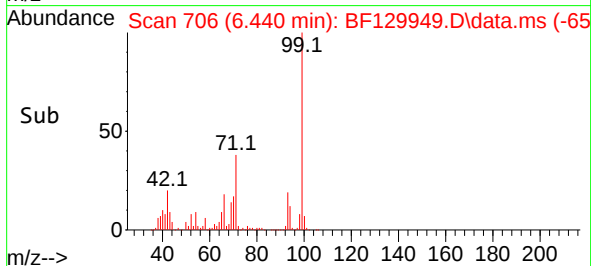
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 94964
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.4
71 37.5 28.8 43.2

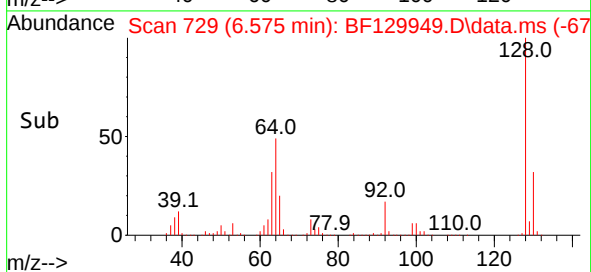
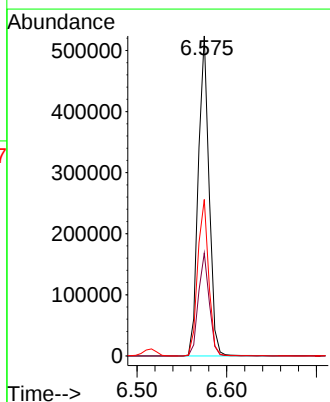
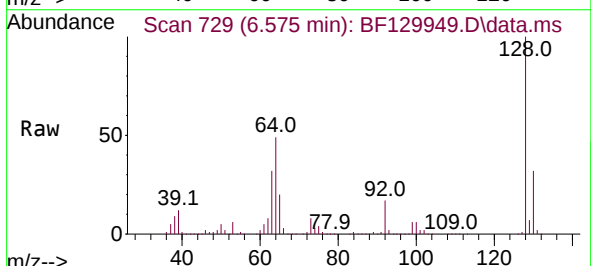
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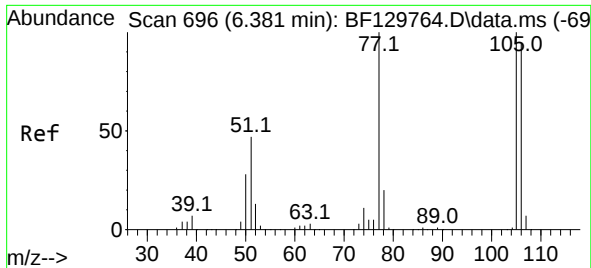
Reviewed By :Christian Giraldo 08/24/2022
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#8
2-Chlorophenol
Concen: 51.745 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

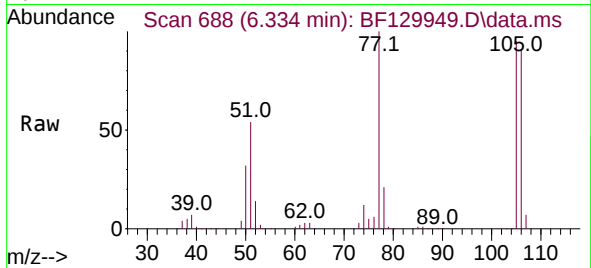
Tgt Ion:128 Resp: 437146
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 48.9 24.9 64.9





#9
Benzaldehyde
Concen: 51.093 ng
RT: 6.334 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

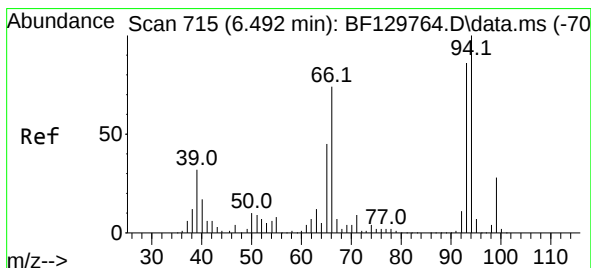
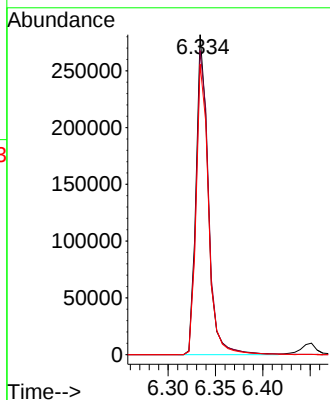
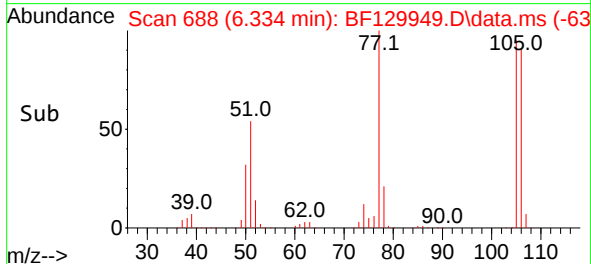
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion: 77 Resp: 250534
Ion Ratio Lower Upper
77 100
105 95.0 80.3 120.3
106 90.7 74.3 114.3

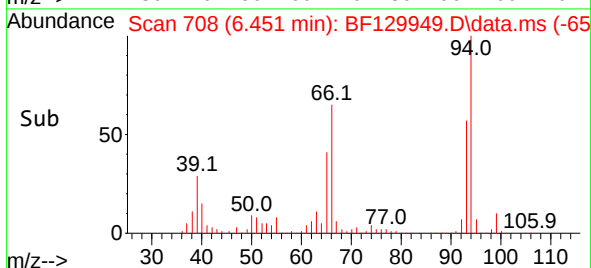
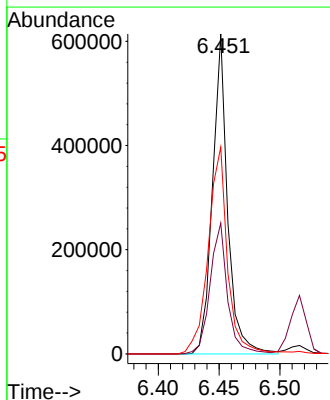
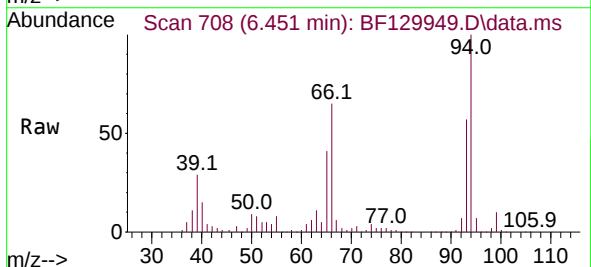
Manual Integrations
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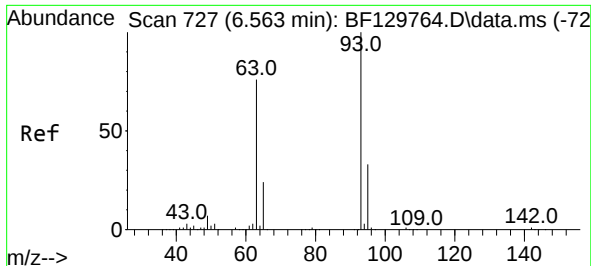
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#10
Phenol
Concen: 51.158 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion: 94 Resp: 533290
Ion Ratio Lower Upper
94 100
65 40.9 24.9 64.9
66 64.6 54.2 94.2





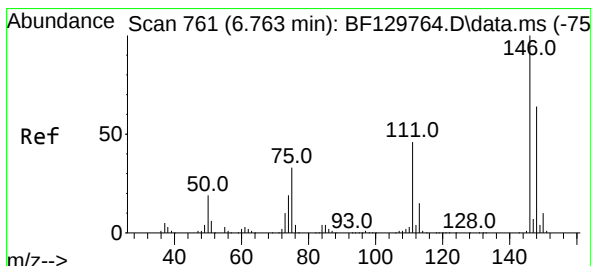
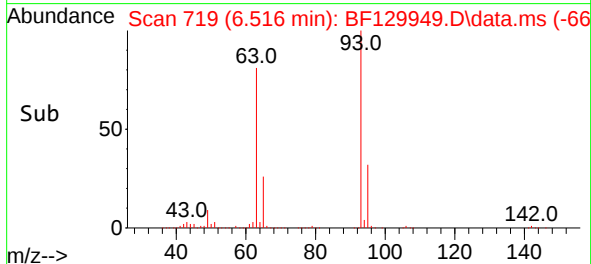
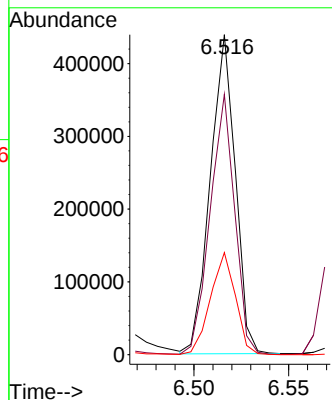
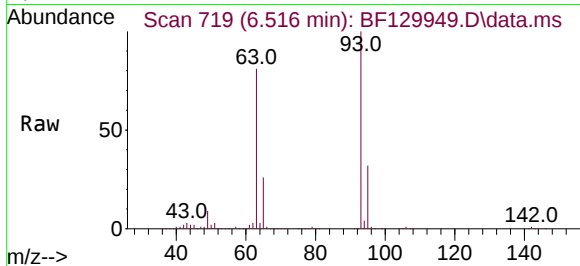
#11
bis(2-Chloroethyl)ether
Concen: 50.936 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion: 93 Resp: 403209
Ion Ratio Lower Upper
93 100
63 81.3 55.9 95.9
95 31.9 12.3 52.3

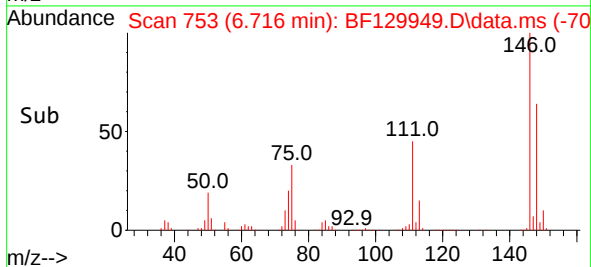
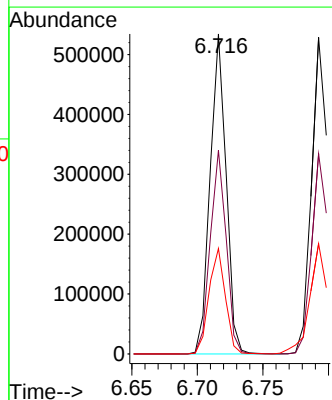
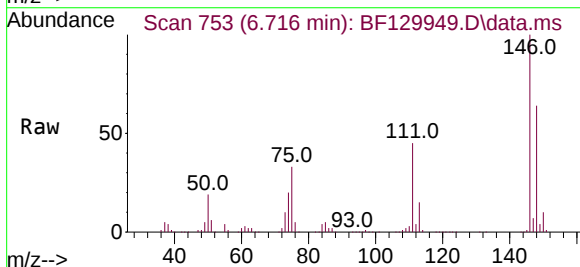
Manual Integrations
APPROVED

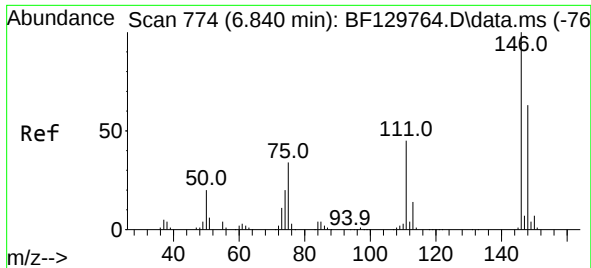
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#12
1,3-Dichlorobenzene
Concen: 49.746 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:146 Resp: 453706
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 32.9 26.5 39.7





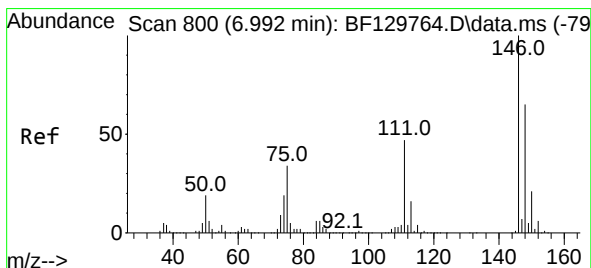
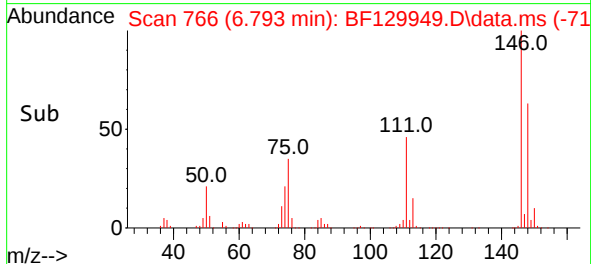
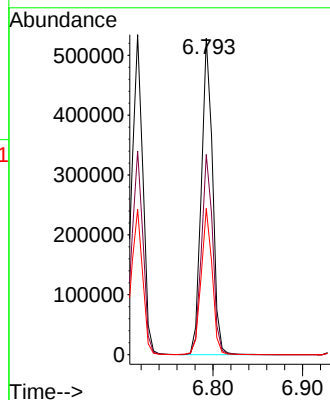
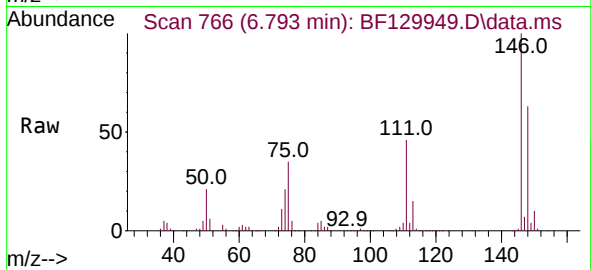
#13
1,4-Dichlorobenzene
Concen: 49.151 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion:146 Resp: 458035
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 46.2 36.2 54.4

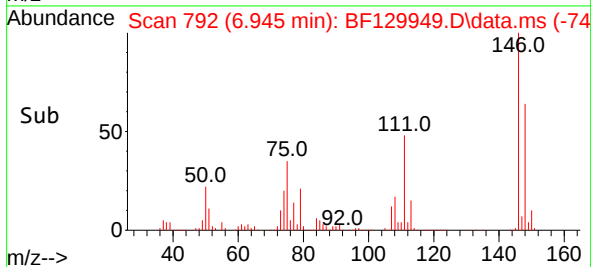
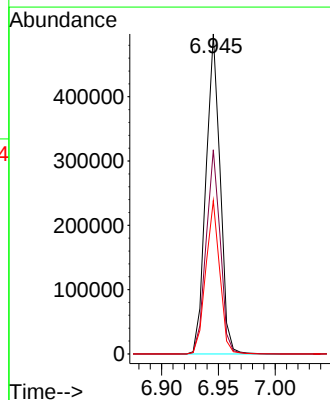
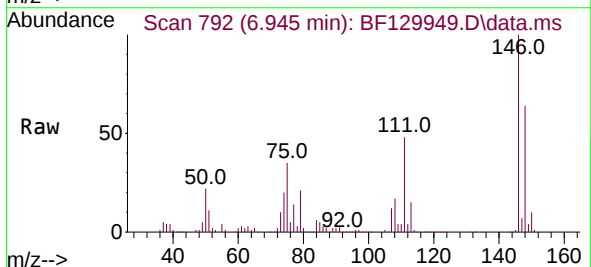
Manual Integrations
APPROVED

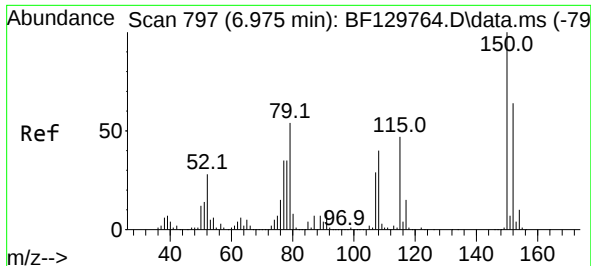
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#14
1,2-Dichlorobenzene
Concen: 49.960 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:146 Resp: 432408
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
111 47.9 37.2 55.8





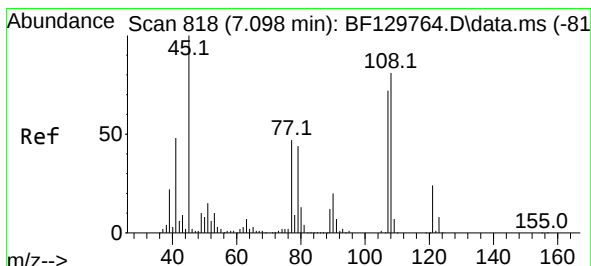
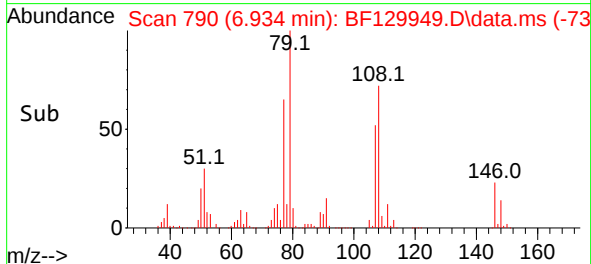
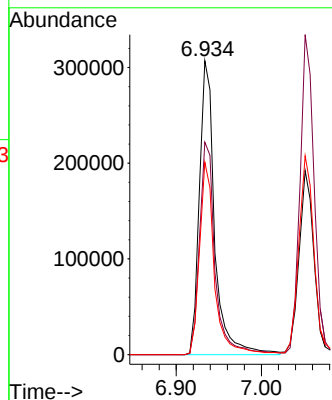
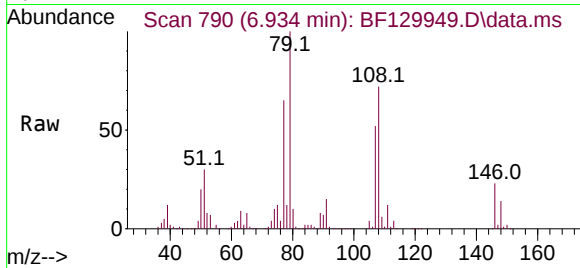
#15
Benzyl Alcohol
Concen: 53.411 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion: 79 Resp: 383185
Ion Ratio Lower Upper
79 100
108 72.3 59.2 88.8
77 65.5 51.9 77.9

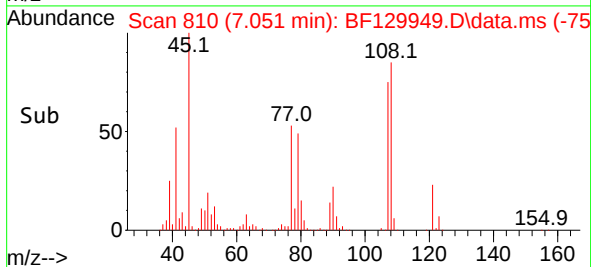
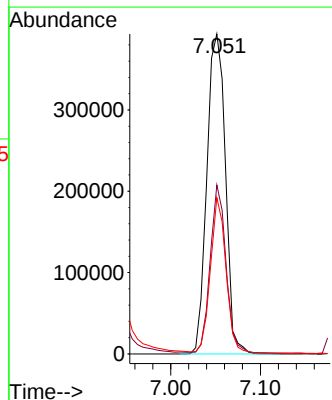
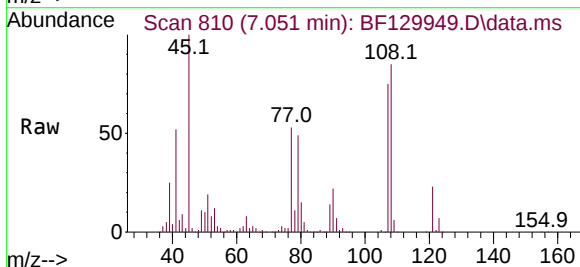
Manual Integrations
APPROVED

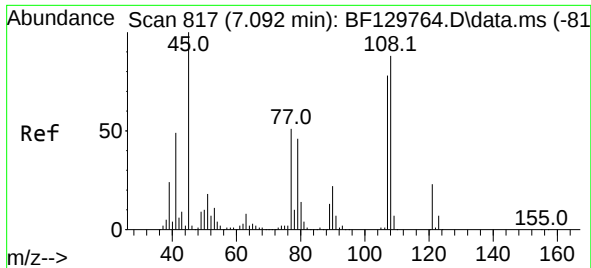
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.105 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

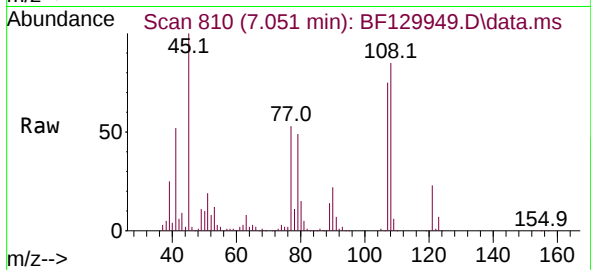
Tgt Ion: 45 Resp: 563299
Ion Ratio Lower Upper
45 100
77 52.8 27.4 67.4
79 48.8 24.4 64.4





#17
2-Methylphenol
Concen: 51.314 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

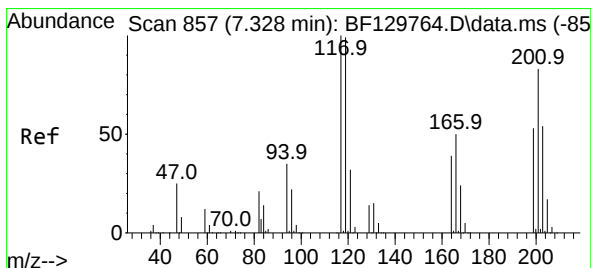
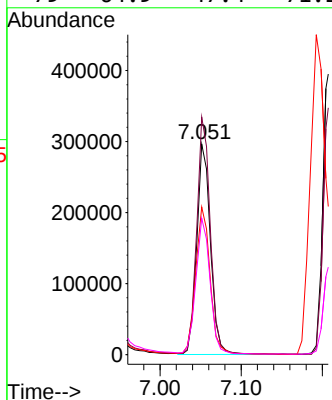
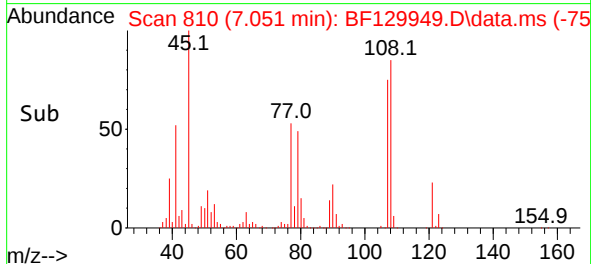
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



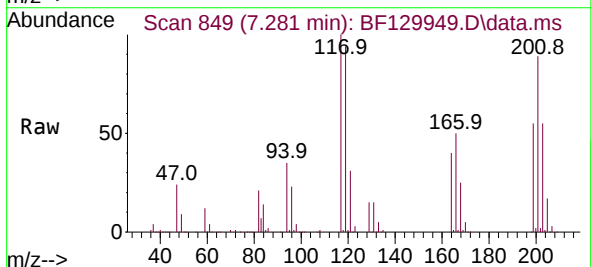
Tgt Ion:107 Resp: 348082
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 70.1 51.8 77.8
79 64.9 47.4 71.2

Manual Integrations
APPROVED

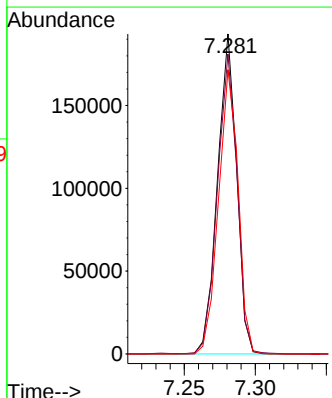
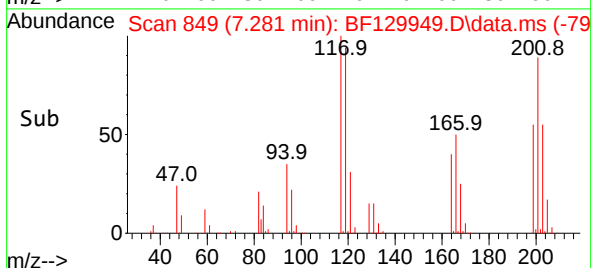
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

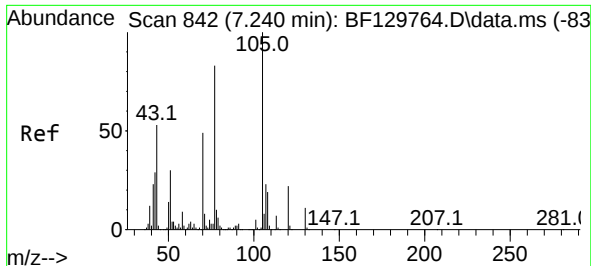


#18
Hexachloroethane
Concen: 51.667 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



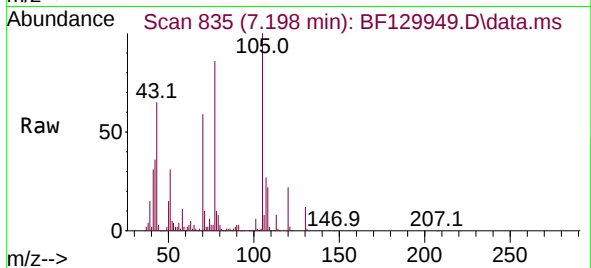
Tgt Ion:117 Resp: 180808
Ion Ratio Lower Upper
117 100
119 93.7 79.1 118.7
201 88.8 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 52.905 ng
RT: 7.198 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

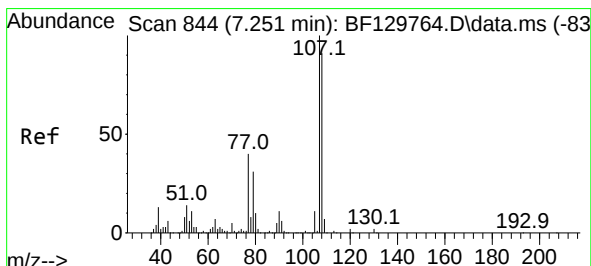
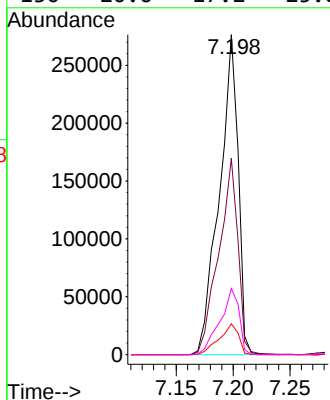
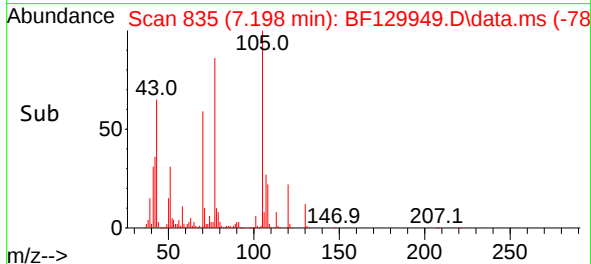
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



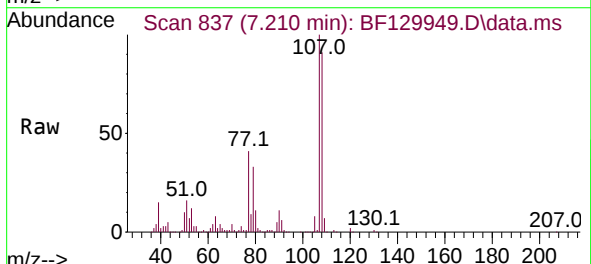
Tgt Ion: 70 Resp: 317796
Ion Ratio Lower Upper
70 100
42 61.3 47.6 71.4
101 9.6 8.1 12.1
130 20.6 17.2 25.8

Manual Integrations
APPROVED

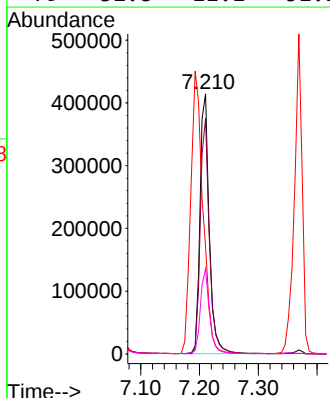
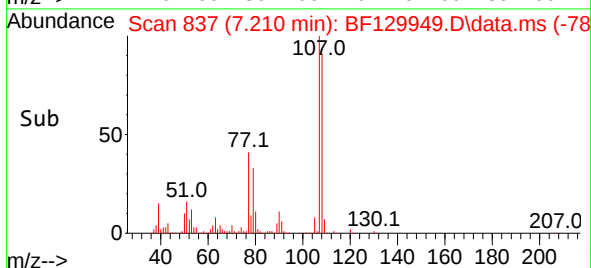
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

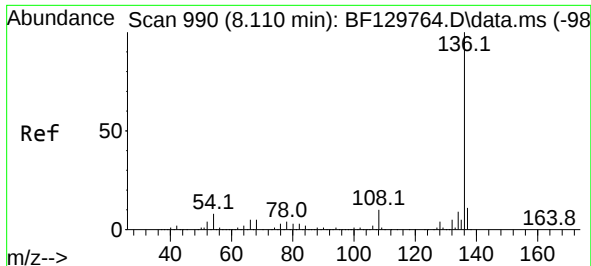


#20
3+4-Methylphenols
Concen: 49.948 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



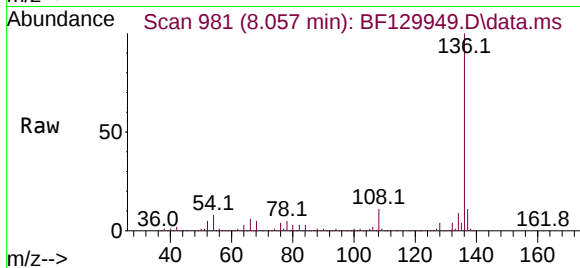
Tgt Ion:107 Resp: 454806
Ion Ratio Lower Upper
107 100
108 90.6 71.3 111.3
77 41.2 20.4 60.4
79 32.8 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

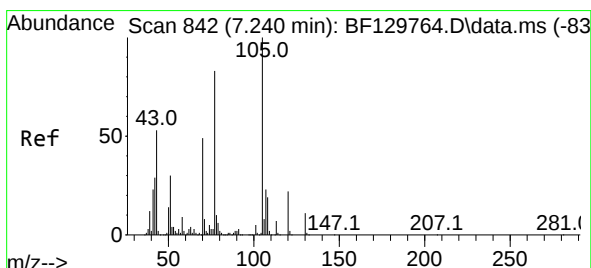
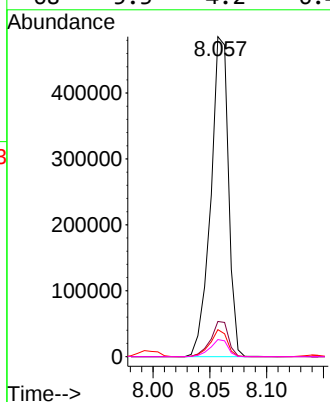
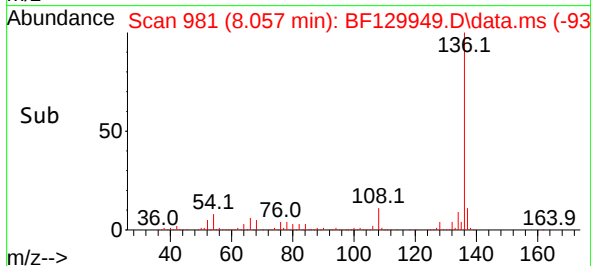
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



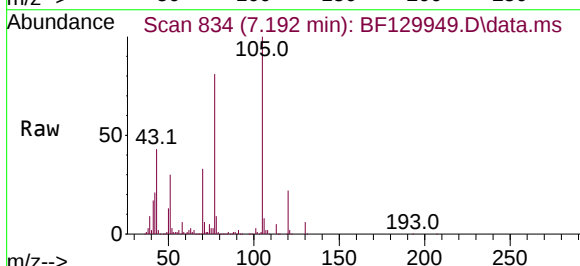
Tgt Ion:136 Resp: 525638
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.4 6.2 9.2
68 5.3 4.2 6.4

Manual Integrations
APPROVED

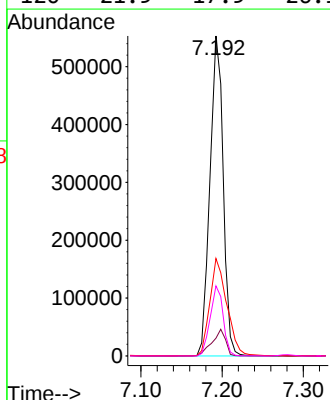
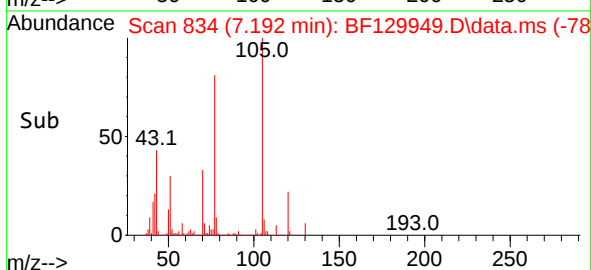
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

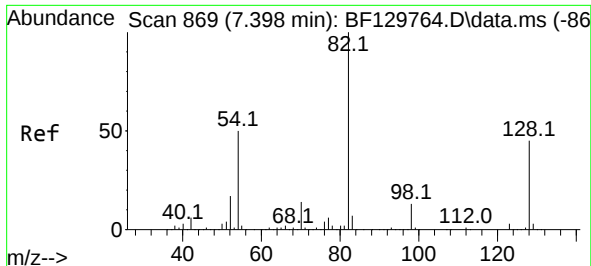


#22
Acetophenone
Concen: 49.157 ng
RT: 7.192 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



Tgt Ion:105 Resp: 629673
Ion Ratio Lower Upper
105 100
71 5.5 6.6 9.8#
51 30.4 23.8 35.8
120 21.9 17.9 26.9





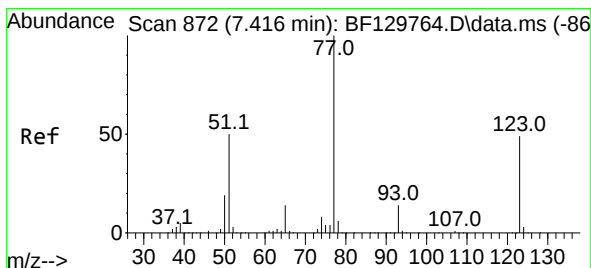
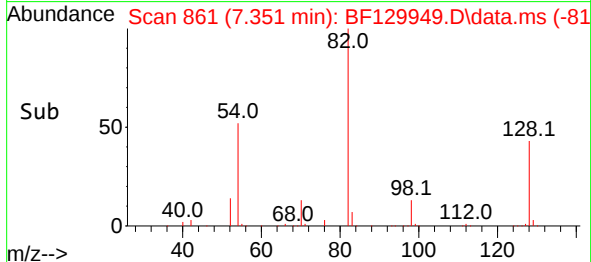
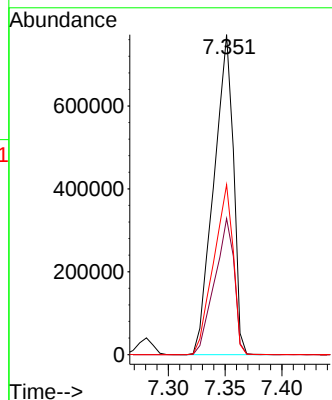
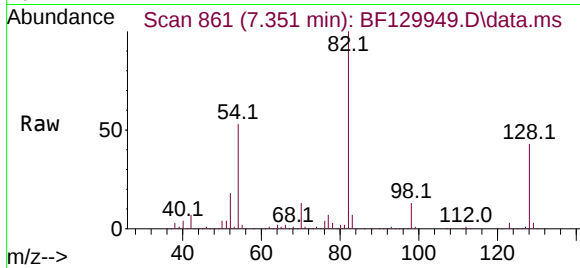
#23
Nitrobenzene-d5
Concen: 94.220 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion: 82 Resp: 92515
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 53.1 40.0 60.0

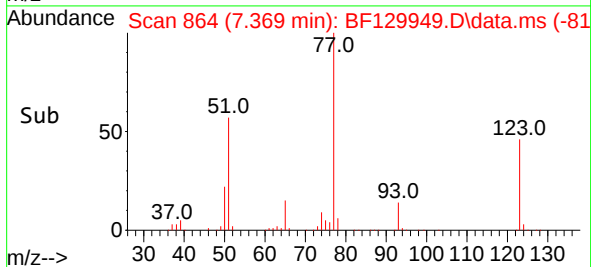
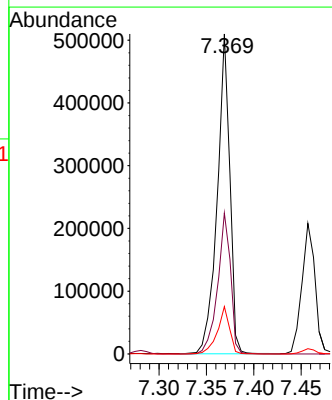
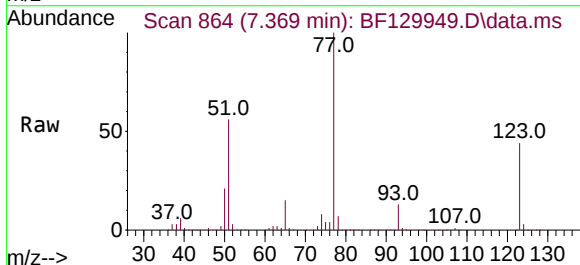
Manual Integrations
APPROVED

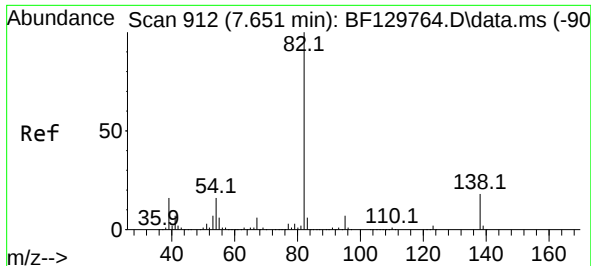
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#24
Nitrobenzene
Concen: 47.577 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

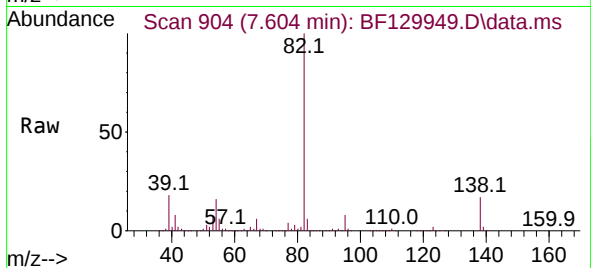
Tgt Ion: 77 Resp: 471075
Ion Ratio Lower Upper
77 100
123 44.0 39.2 58.8
65 14.8 11.1 16.7





#25
Isophorone
Concen: 50.701 ng
RT: 7.604 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

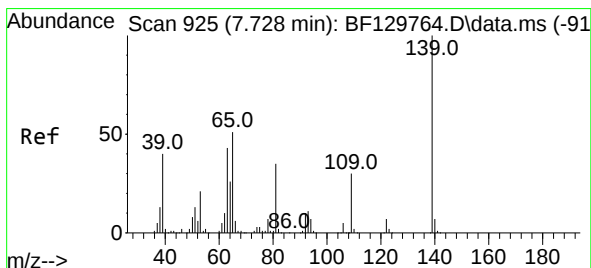
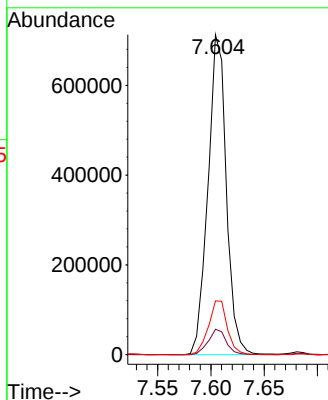
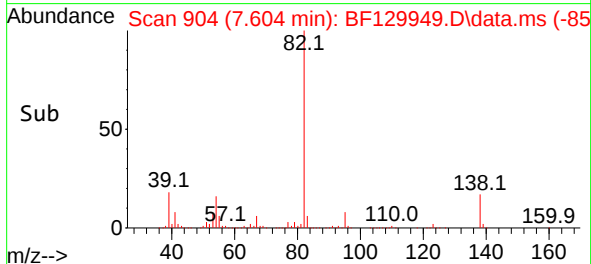
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion: 82 Resp: 856854
Ion Ratio Lower Upper
82 100
95 7.9 5.9 8.9
138 16.8 14.6 21.8

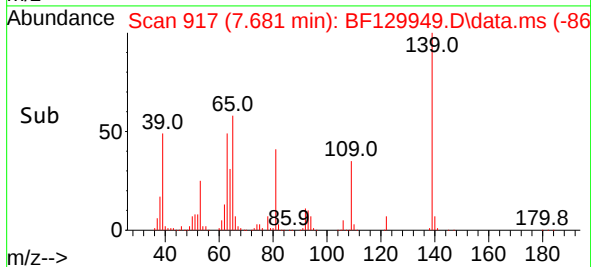
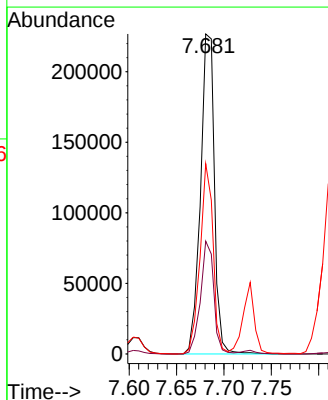
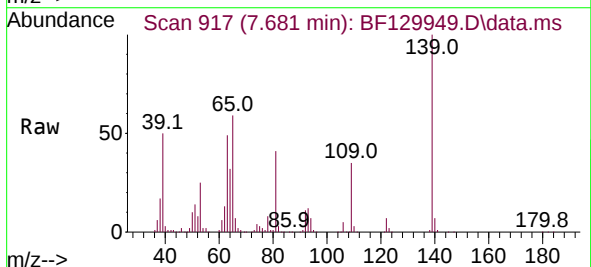
Manual Integrations
APPROVED

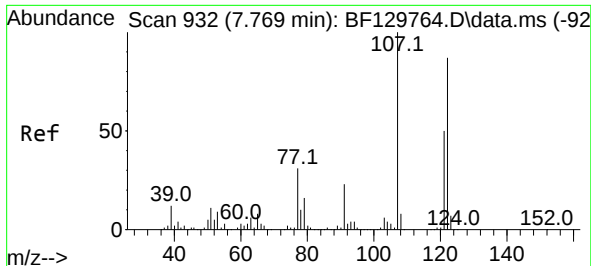
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#26
2-Nitrophenol
Concen: 47.672 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:139 Resp: 232173
Ion Ratio Lower Upper
139 100
109 35.2 24.4 36.6
65 59.4 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 54.175 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129949.D

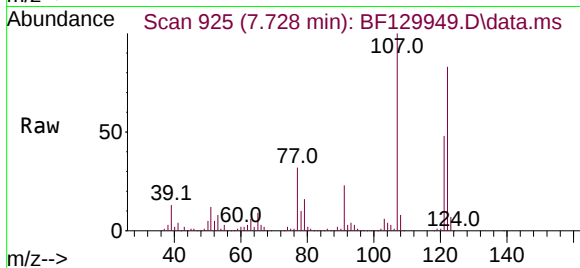
Acq: 23 Aug 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB147059BSD

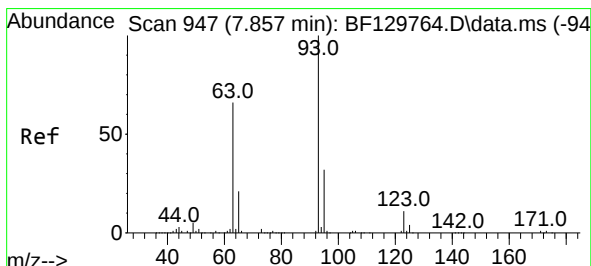
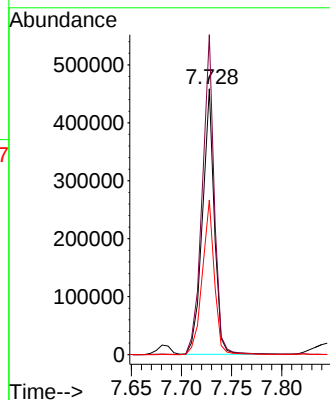
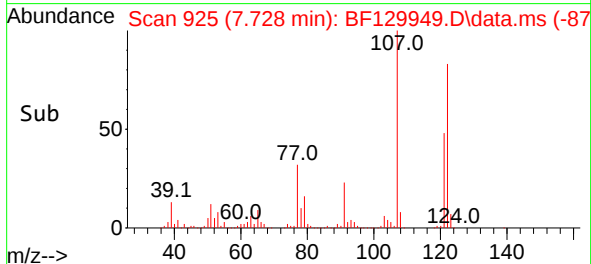


Tgt Ion:	122	Resp:	37838
Ion Ratio	Lower	Upper	
122	100		
107	120.3	92.2	138.4
121	58.1	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.318 ng

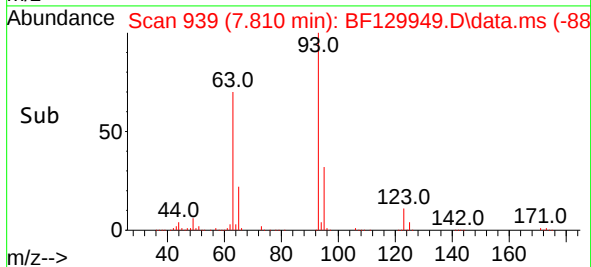
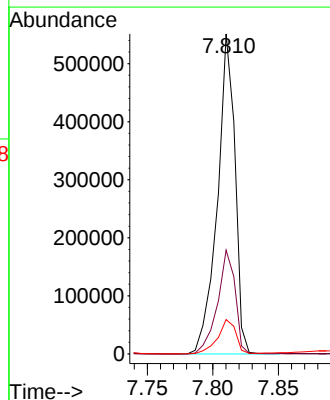
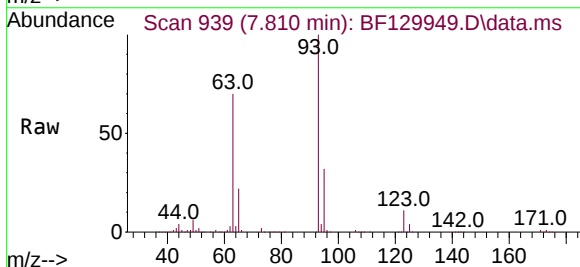
RT: 7.810 min Scan# 939

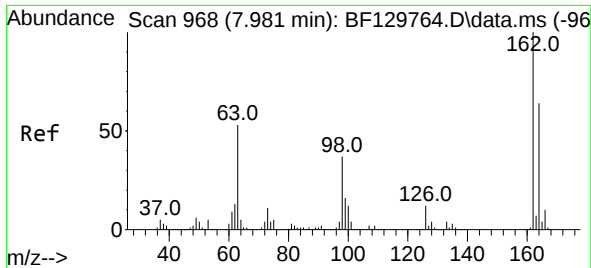
Delta R.T. 0.000 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

Tgt Ion:	93	Resp:	516256
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.6	38.4
123	10.7	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 47.504 ng

RT: 7.934 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB147059BSD

Tgt Ion:162 Resp: 36280

Ion Ratio Lower Upper

162 100

164 63.0 43.7 83.7

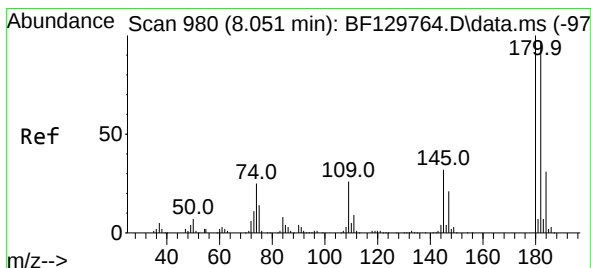
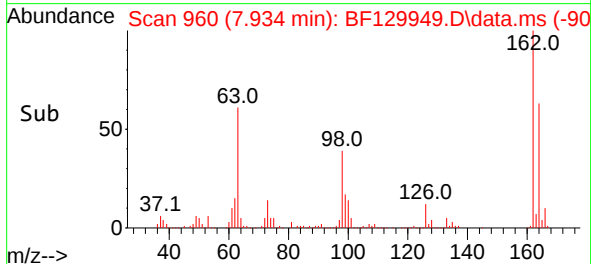
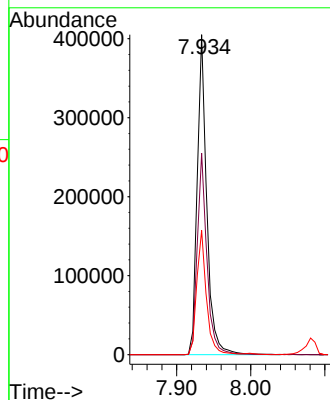
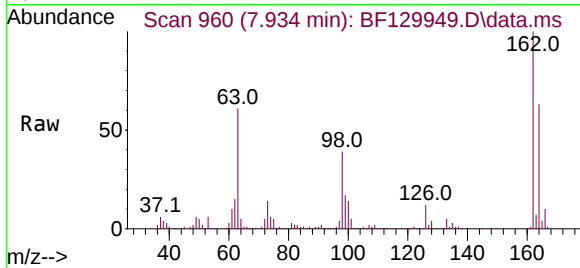
98 38.9 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.937 ng

RT: 8.004 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

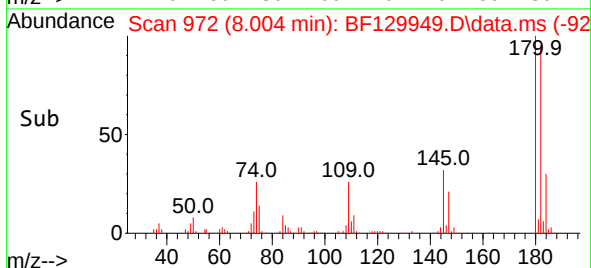
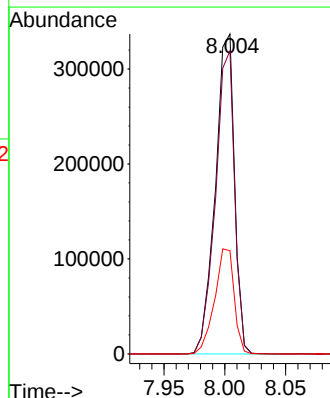
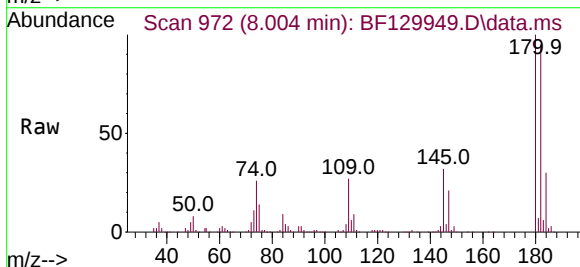
Tgt Ion:180 Resp: 370111

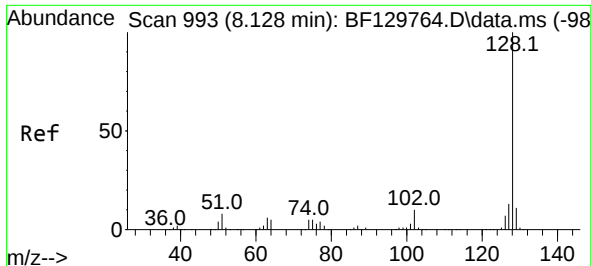
Ion Ratio Lower Upper

180 100

182 94.7 77.6 116.4

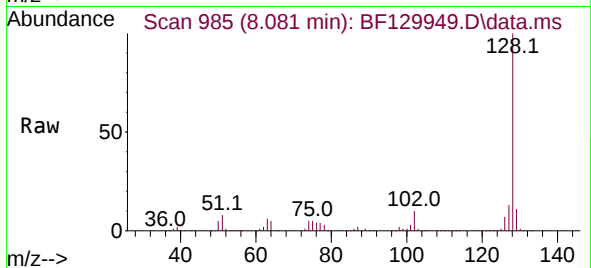
145 32.2 25.6 38.4





#31
Naphthalene
Concen: 45.595 ng
RT: 8.081 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

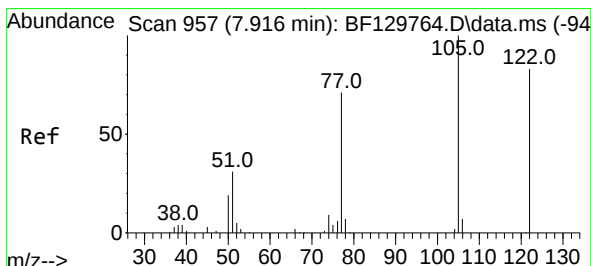
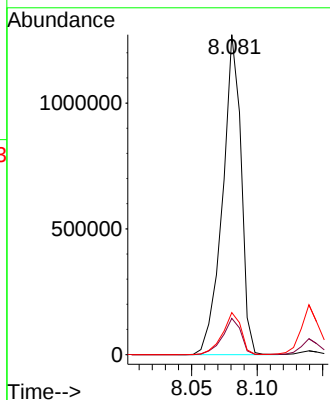
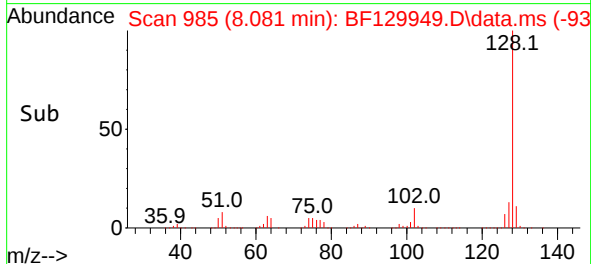
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion:128 Resp: 1253107
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.7 16.1

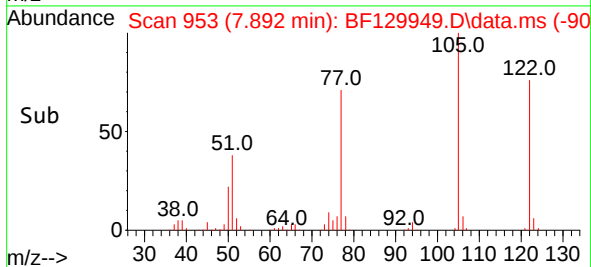
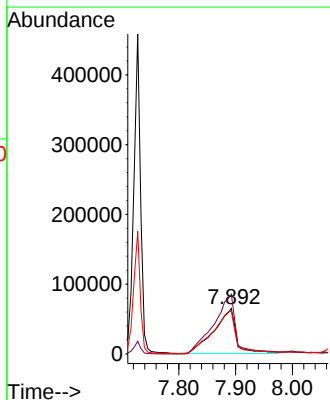
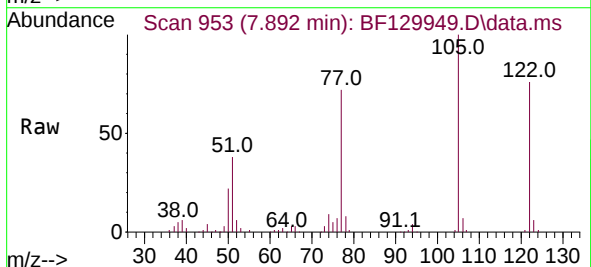
Manual Integrations
APPROVED

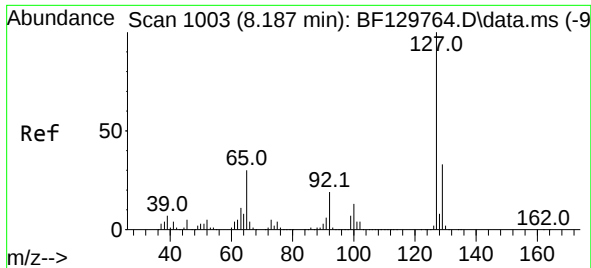
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#32
Benzoic acid
Concen: 53.876 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:122 Resp: 175977
Ion Ratio Lower Upper
122 100
105 131.6 99.9 139.9
77 94.7 65.9 105.9





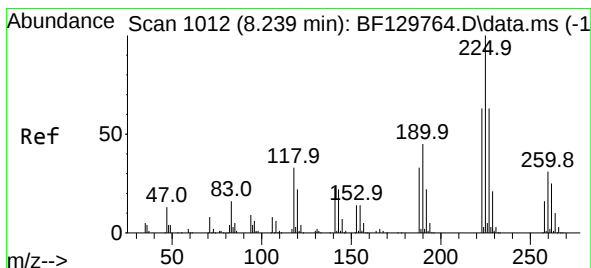
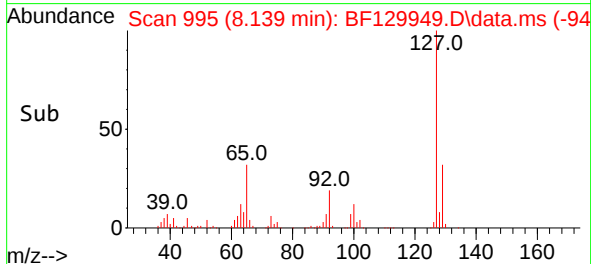
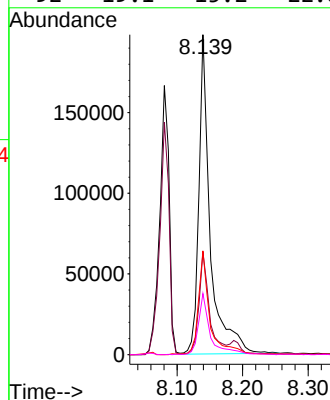
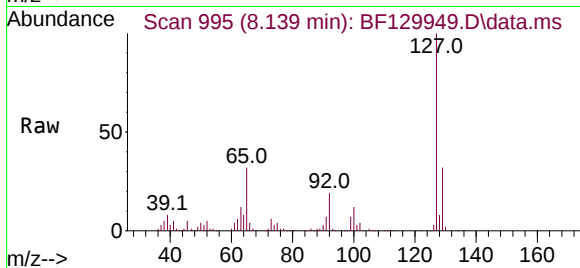
#33
4-Chloroaniline
Concen: 22.165 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion:	127	Resp:	239558
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.7	40.1
65	32.4	24.2	36.2
92	19.1	15.2	22.8

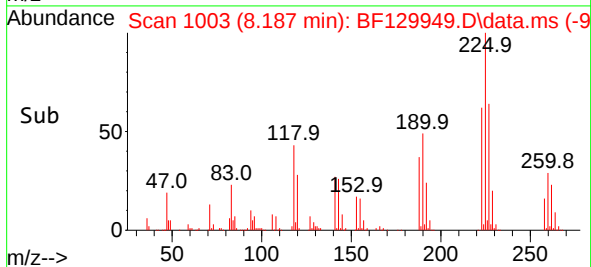
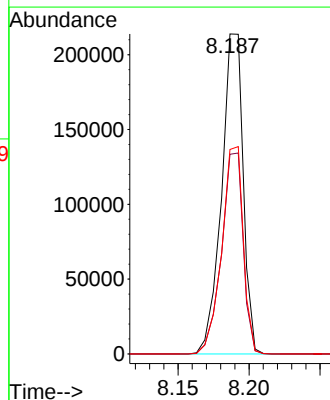
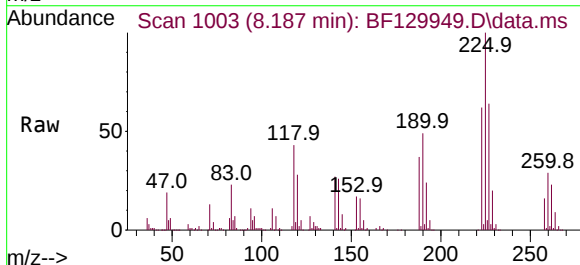
Manual Integrations
APPROVED

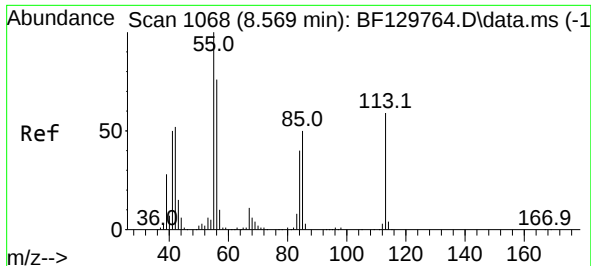
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#34
Hexachlorobutadiene
Concen: 46.370 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

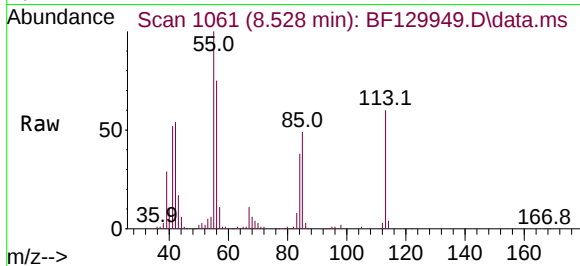
Tgt Ion:	225	Resp:	227490
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.2	75.2
227	63.9	50.6	75.8





#35
Caprolactam
Concen: 47.566 ng m
RT: 8.528 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

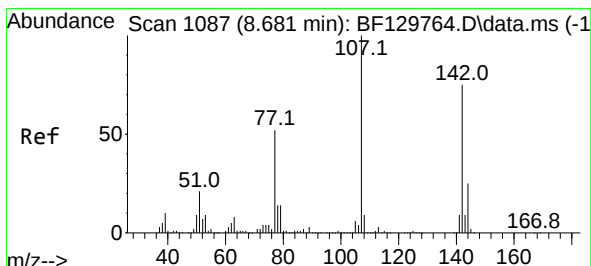
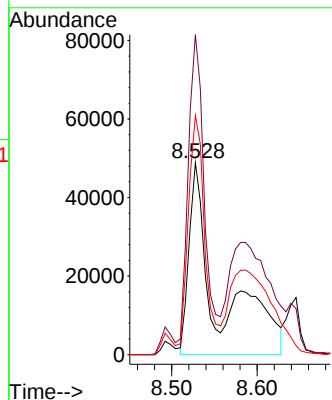
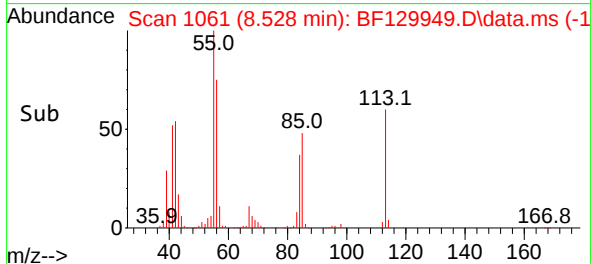
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion:113 Resp: 112968
Ion Ratio Lower Upper
113 100
55 166.8 148.8 188.8
56 124.6 109.1 149.1

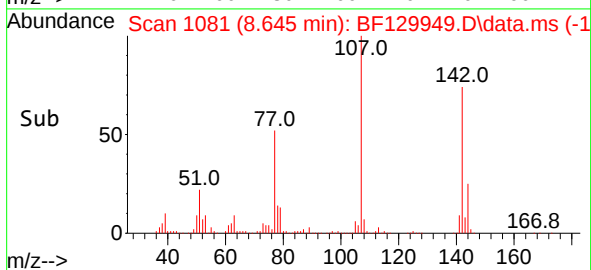
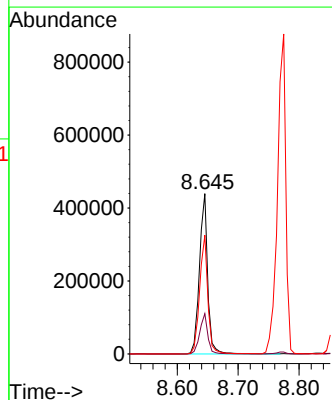
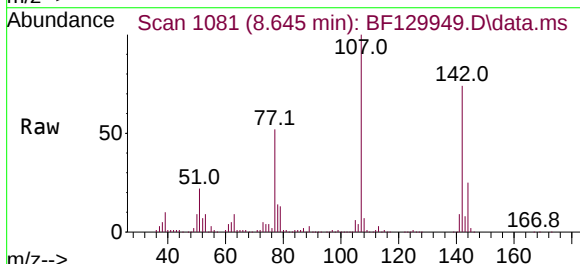
Manual Integrations
APPROVED

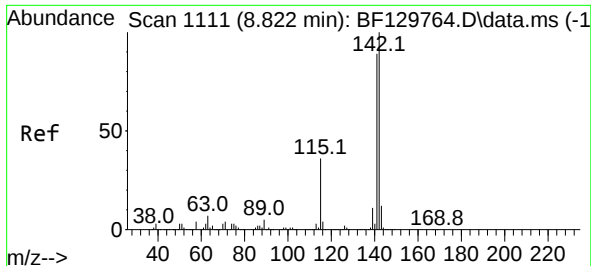
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#36
4-Chloro-3-methylphenol
Concen: 50.124 ng
RT: 8.645 min Scan# 1081
Delta R.T. 0.012 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:107 Resp: 412984
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 74.0 60.2 90.4





#37

2-Methylnaphthalene

Concen: 46.132 ng

RT: 8.775 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB147059BSD

Tgt Ion:142 Resp: 832137

Ion Ratio Lower Upper

142 100

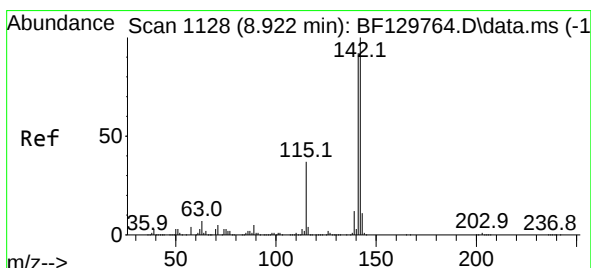
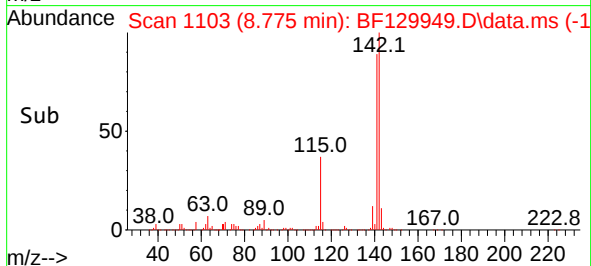
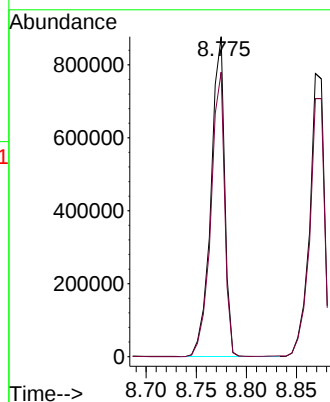
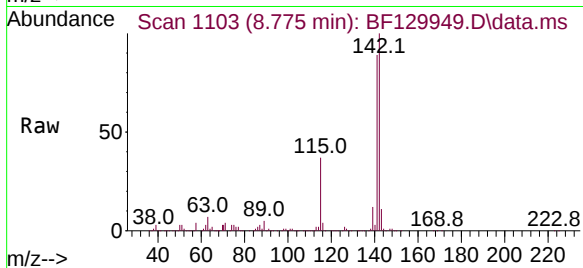
141 88.9 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#38

1-Methylnaphthalene

Concen: 44.912 ng

RT: 8.869 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF129949.D

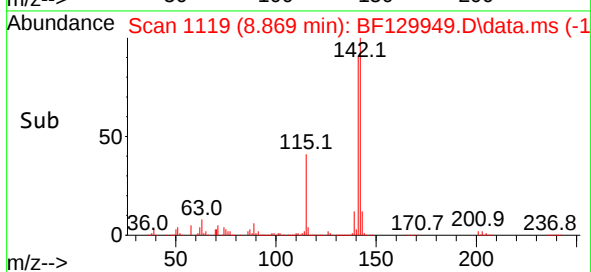
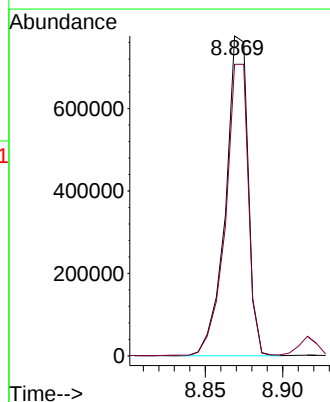
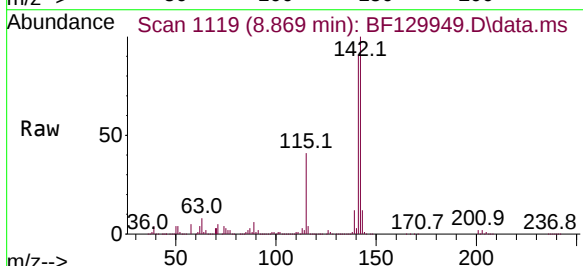
Acq: 23 Aug 2022 12:28

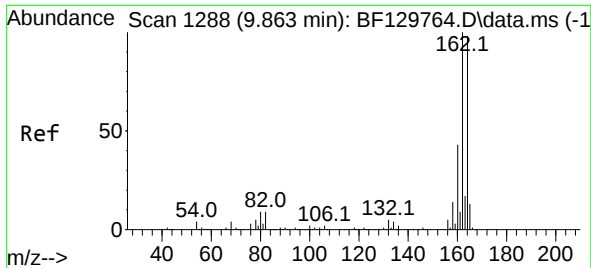
Tgt Ion:142 Resp: 787341

Ion Ratio Lower Upper

142 100

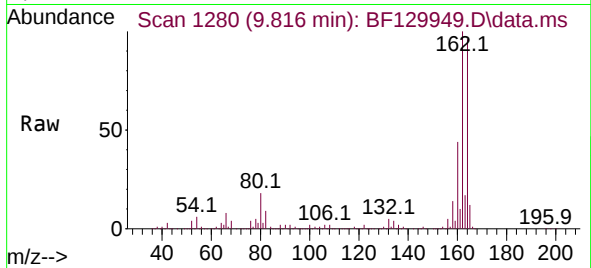
141 91.1 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

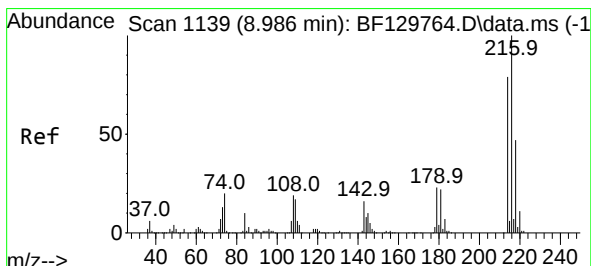
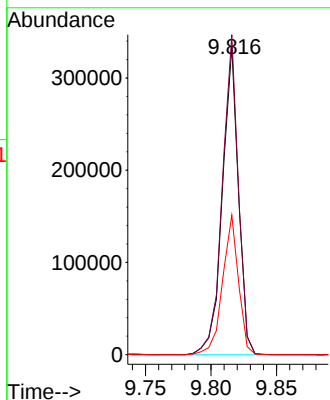
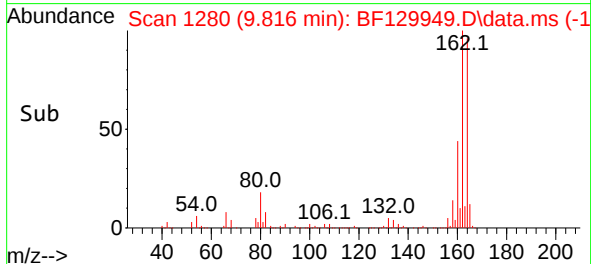
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



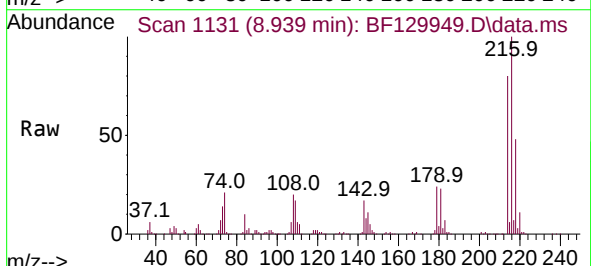
Tgt Ion:164 Resp: 28565
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 45.2 35.4 53.0

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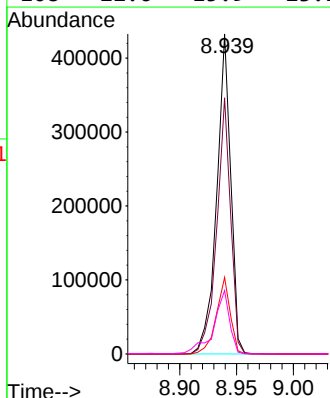
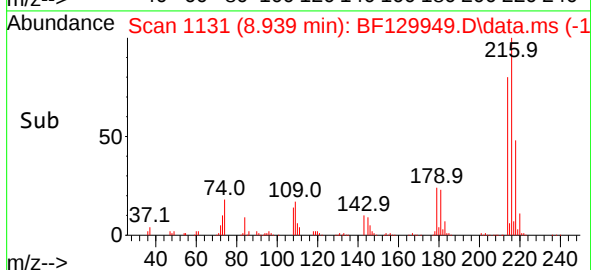
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

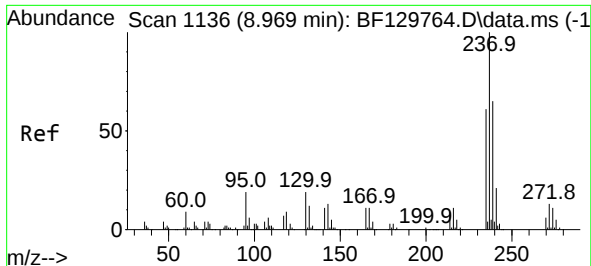


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.704 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



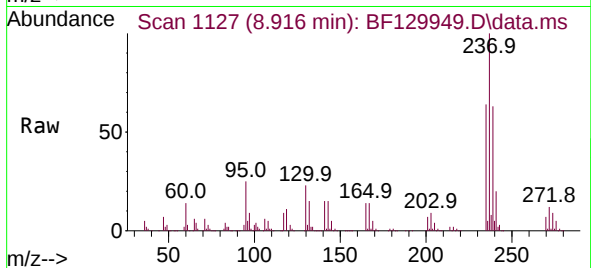
Tgt Ion:216 Resp: 371057
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 23.8 18.1 27.1
108 22.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 96.196 ng
RT: 8.916 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

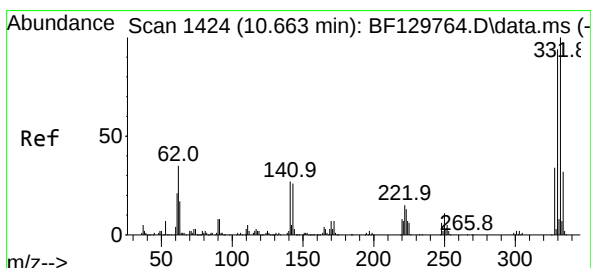
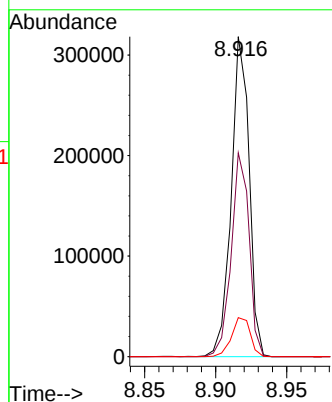
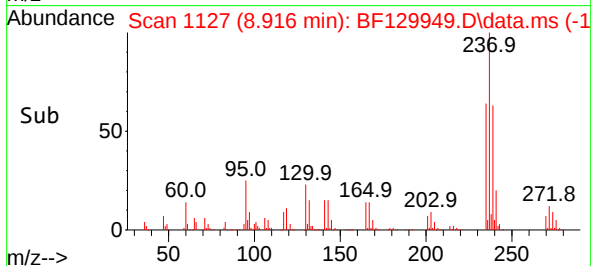
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



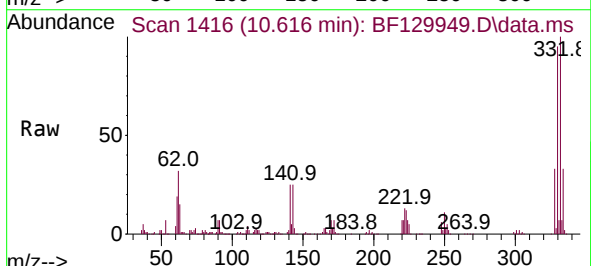
Tgt Ion: 237 Resp: 278552
Ion Ratio Lower Upper
237 100
235 63.7 41.5 81.5
272 12.2 0.0 33.3

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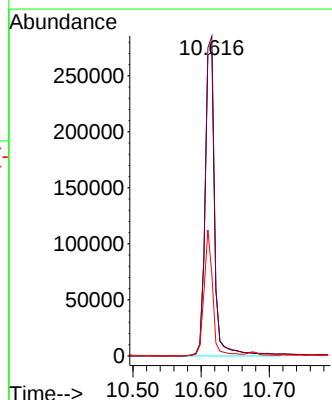
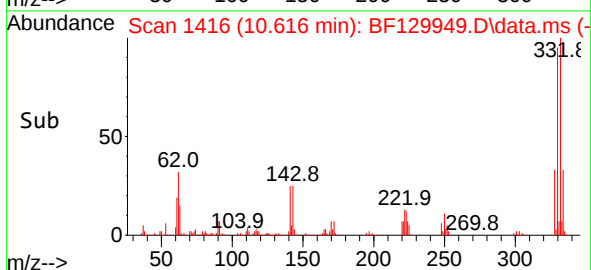
Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022

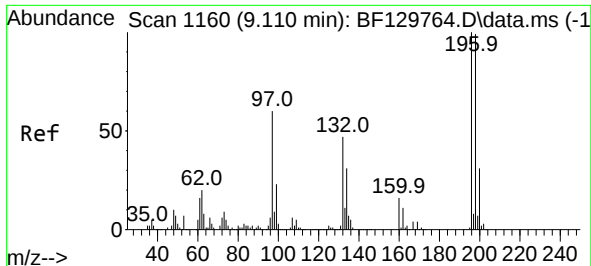


#42
2,4,6-Tribromophenol
Concen: 93.636 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



Tgt Ion: 330 Resp: 268449
Ion Ratio Lower Upper
330 100
332 103.3 82.6 124.0
141 36.8 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 44.431 ng

RT: 9.063 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

Instrument :

BNA_F

ClientSampleId :

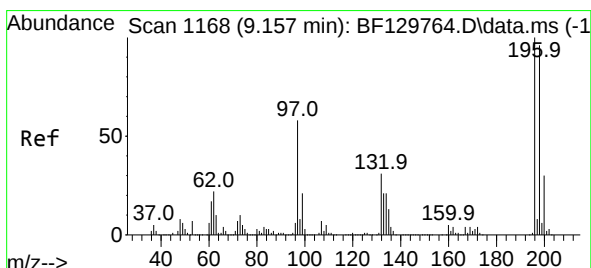
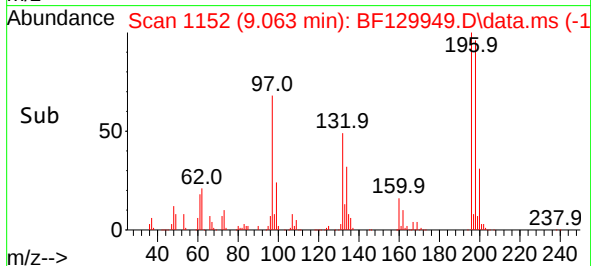
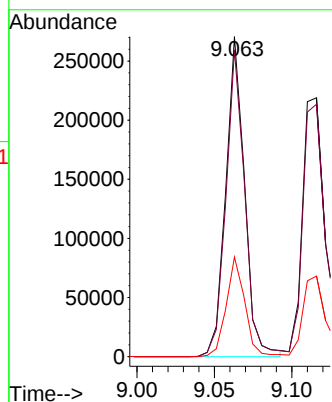
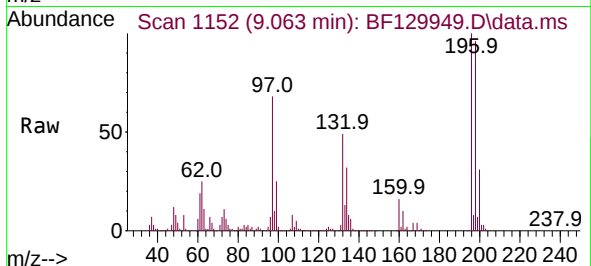
PB147059BSD

Tgt Ion:196 Resp: 229352
 Ion Ratio Lower Upper
 196 100
 198 95.9 79.0 118.4
 200 31.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022



#44

2,4,5-Trichlorophenol

Concen: 44.001 ng

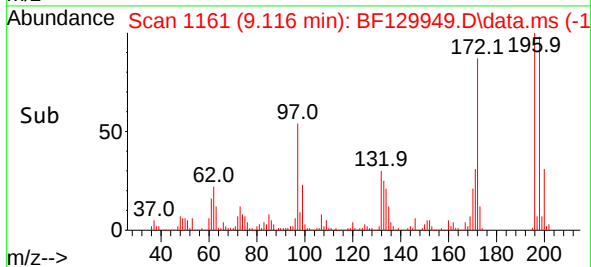
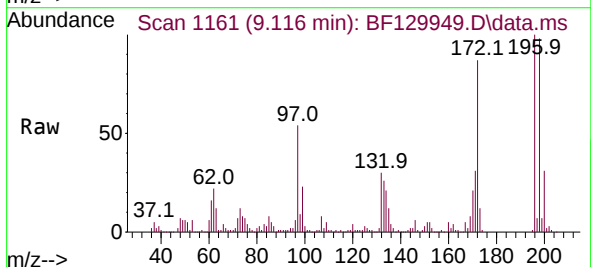
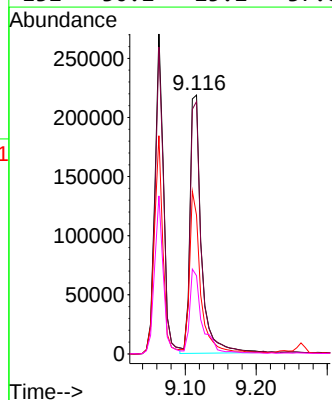
RT: 9.116 min Scan# 1161

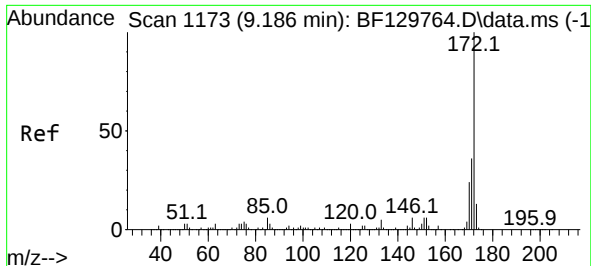
Delta R.T. 0.006 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

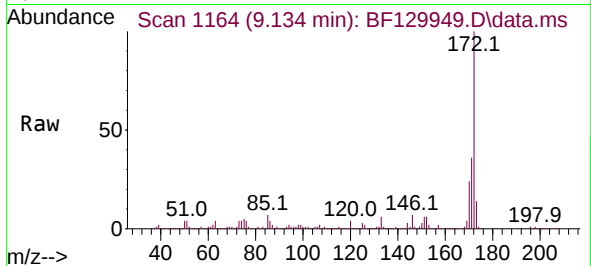
Tgt Ion:196 Resp: 244363
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.4 114.6
 97 53.5 46.5 69.7
 132 30.2 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 90.596 ng
RT: 9.134 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

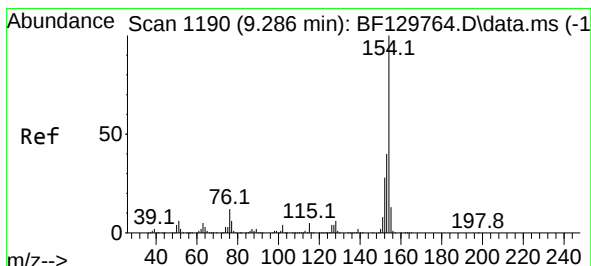
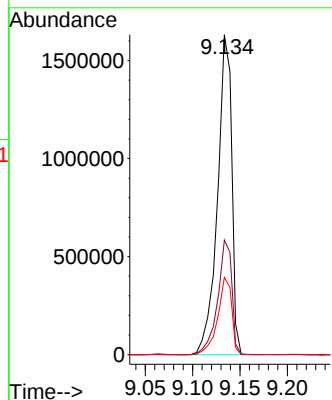
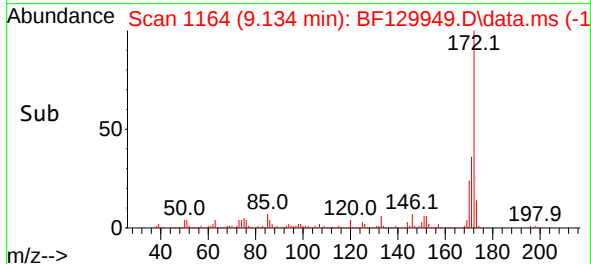
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



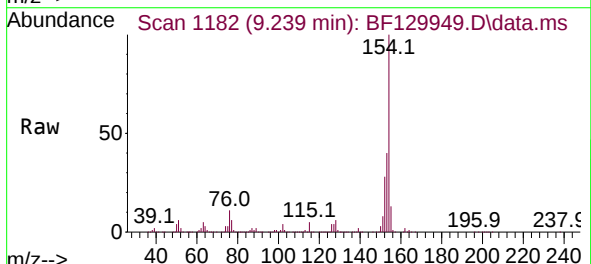
Tgt Ion:172 Resp: 1703890
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.1 19.1 28.7

Manual Integrations
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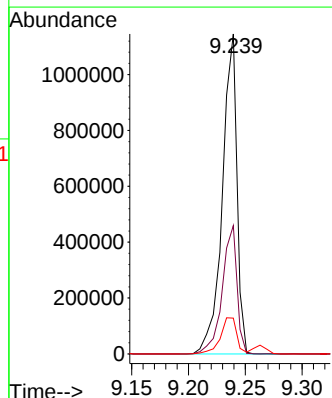
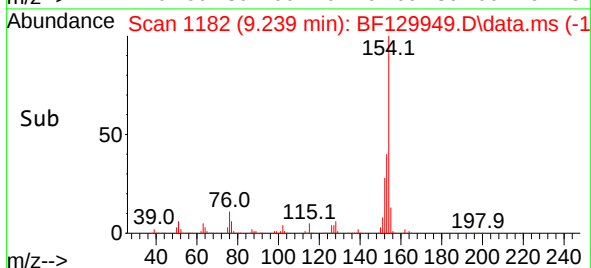
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

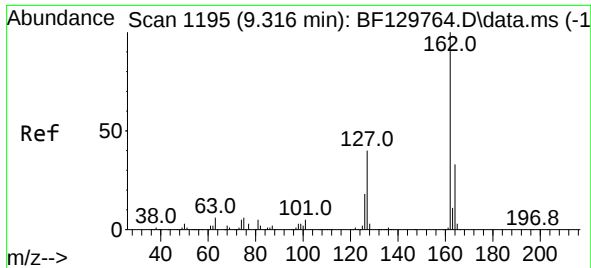


#46
1,1'-Biphenyl
Concen: 47.067 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



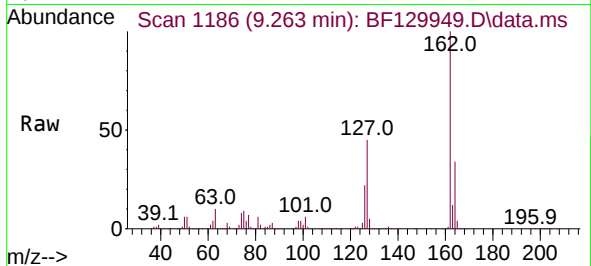
Tgt Ion:154 Resp: 1021393
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.2 0.0 32.1





#47
2-Chloronaphthalene
Concen: 45.495 ng
RT: 9.263 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

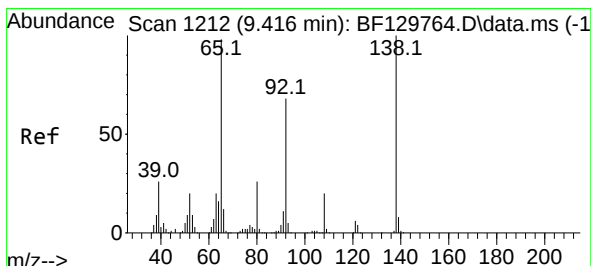
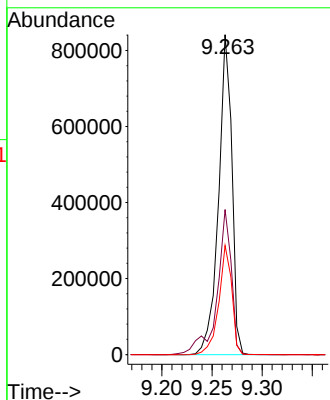
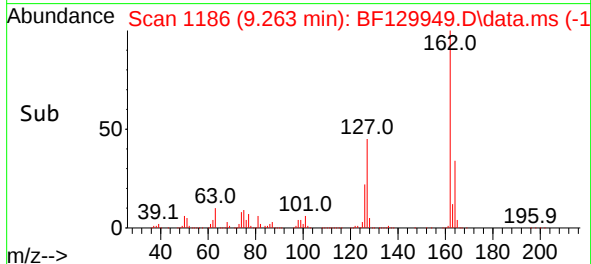
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion: 162 Resp: 781165
Ion Ratio Lower Upper
162 100
127 45.4 33.1 49.7
164 34.1 26.7 40.1

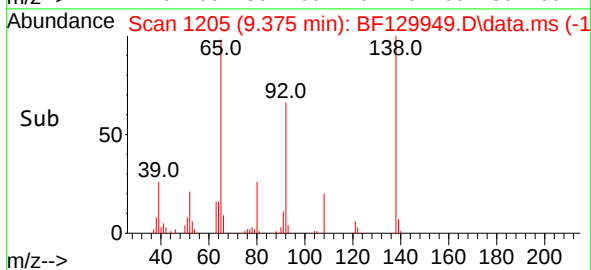
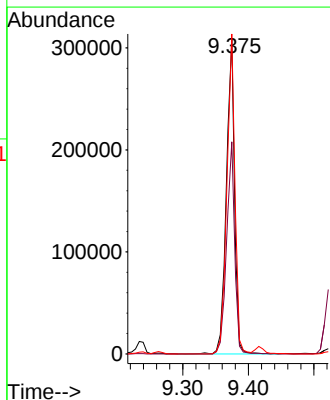
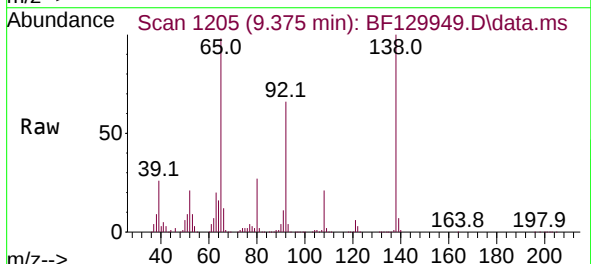
Manual Integrations
APPROVED

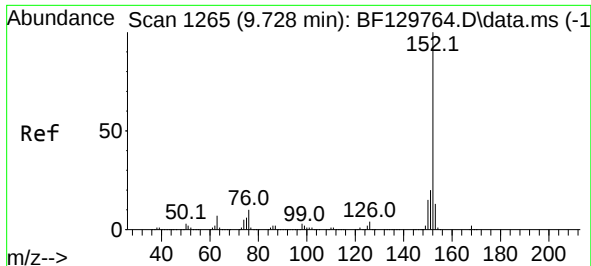
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#48
2-Nitroaniline
Concen: 49.397 ng
RT: 9.375 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion: 65 Resp: 268035
Ion Ratio Lower Upper
65 100
92 67.3 55.0 82.4
138 101.5 81.3 121.9





#49

Acenaphthylene

Concen: 45.169 ng

RT: 9.681 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB147059BSD

Tgt Ion:152 Resp: 117608

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

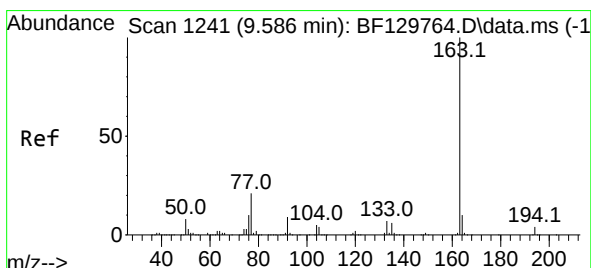
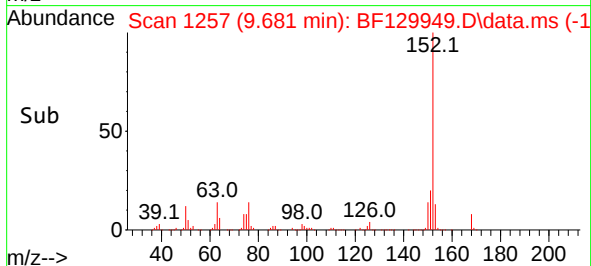
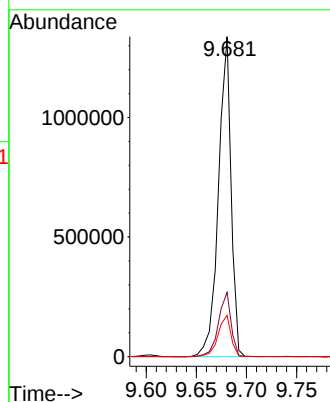
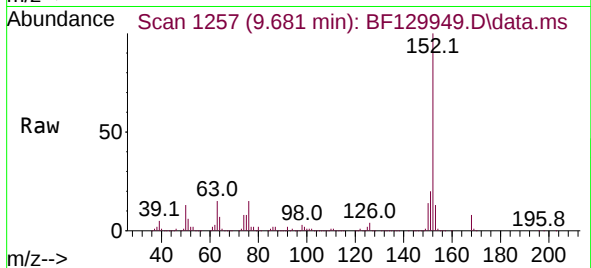
153 12.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#50

Dimethylphthalate

Concen: 46.806 ng

RT: 9.545 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

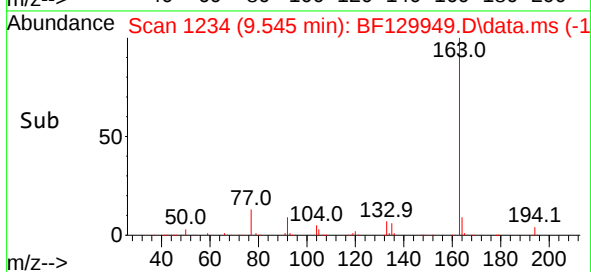
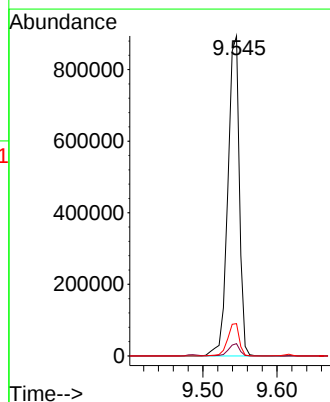
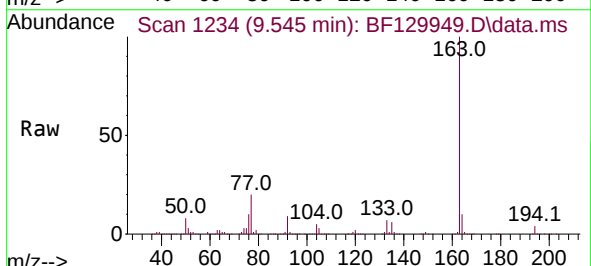
Tgt Ion:163 Resp: 958456

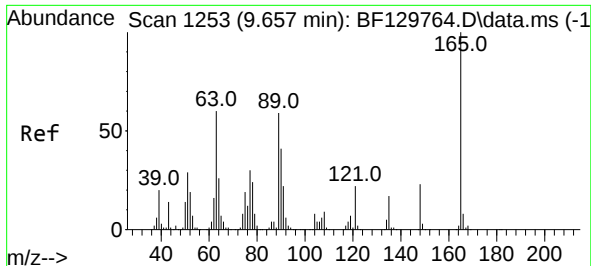
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

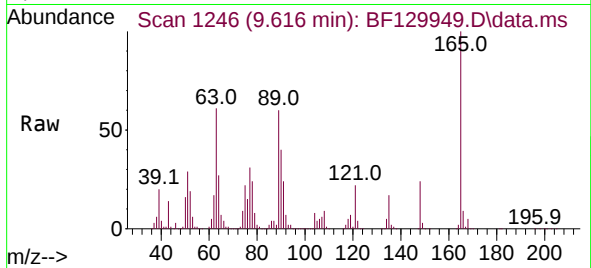
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.893 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

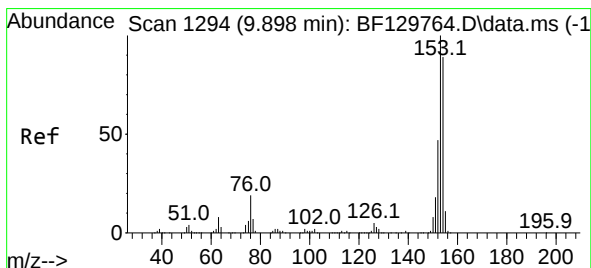
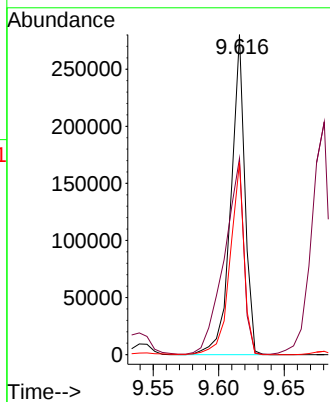
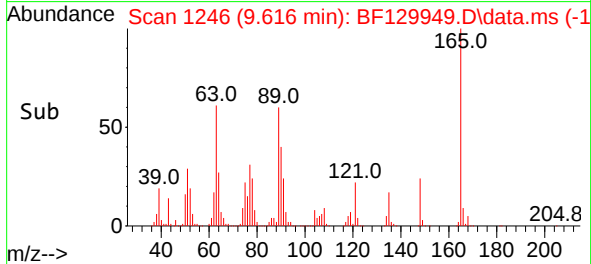
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion:165 Resp: 208301
Ion Ratio Lower Upper
165 100
63 61.3 47.8 71.8
89 60.1 47.2 70.8

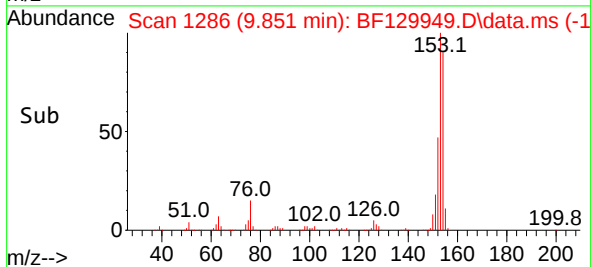
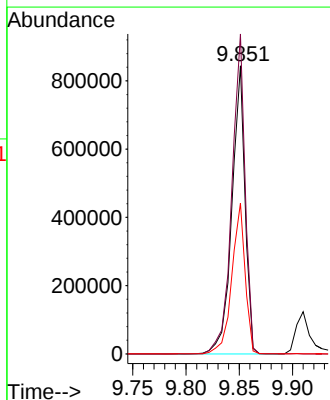
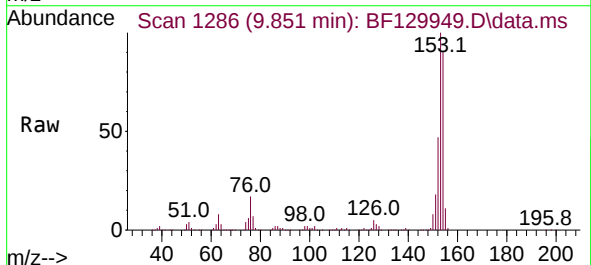
Manual Integrations
APPROVED

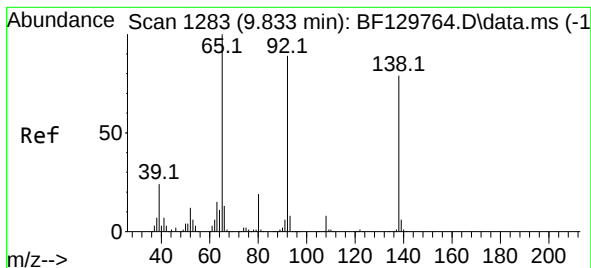
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#52
Acenaphthene
Concen: 45.989 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:154 Resp: 726487
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.6
152 52.3 42.1 63.1





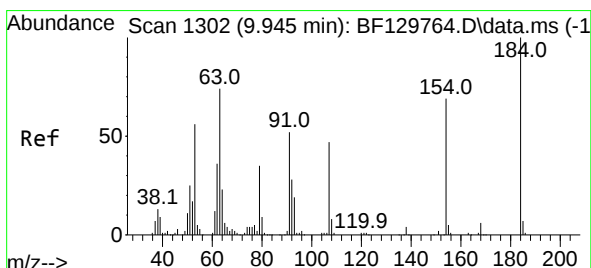
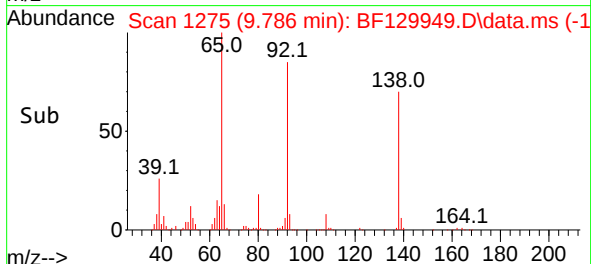
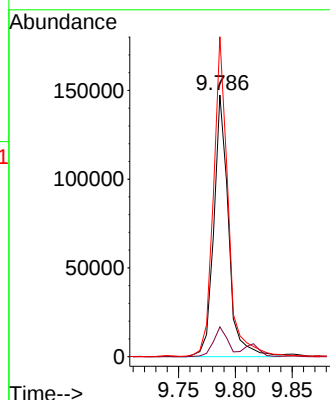
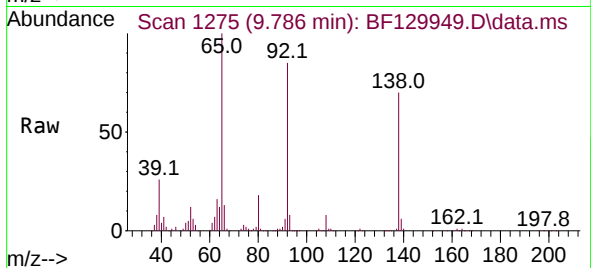
#53
3-Nitroaniline
Concen: 27.055 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion:138 Resp: 132902
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 122.4 89.8 134.8

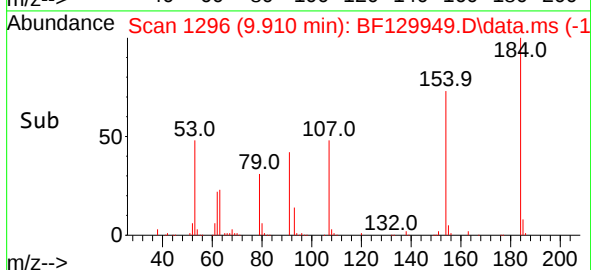
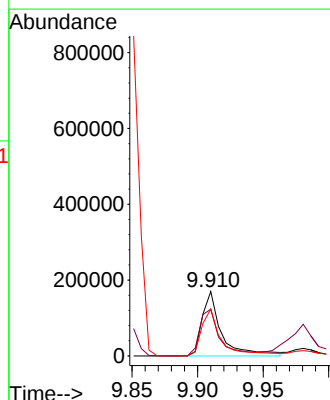
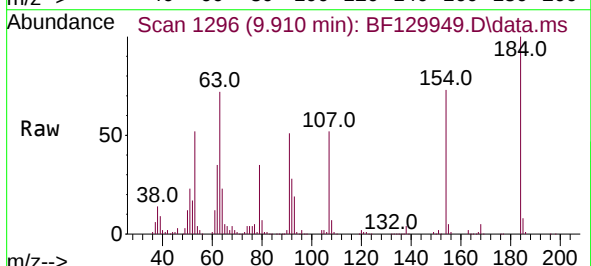
Manual Integrations
APPROVED

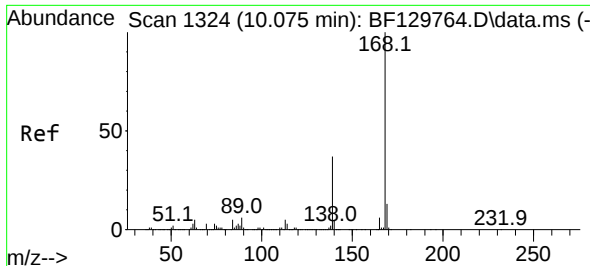
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#54
2,4-Dinitrophenol
Concen: 86.427 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

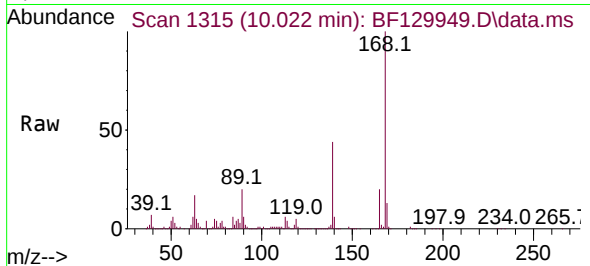
Tgt Ion:184 Resp: 174522
Ion Ratio Lower Upper
184 100
63 72.3 59.6 89.4
154 72.8 55.3 82.9





#55
Dibenzenofuran
Concen: 45.829 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

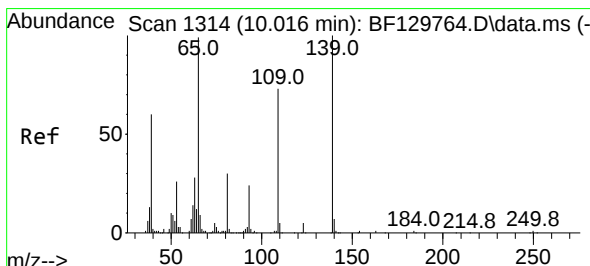
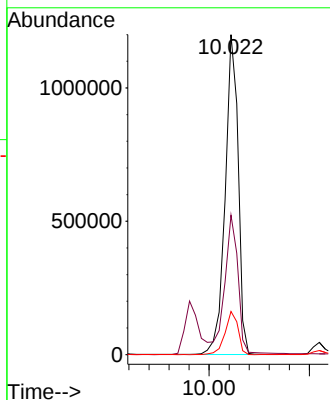
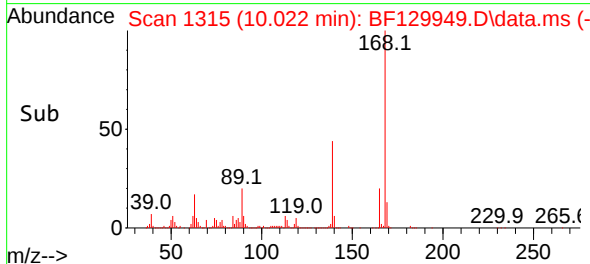
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion:168 Resp: 1087634
Ion Ratio Lower Upper
168 100
139 43.6 31.3 46.9
169 13.5 10.7 16.1

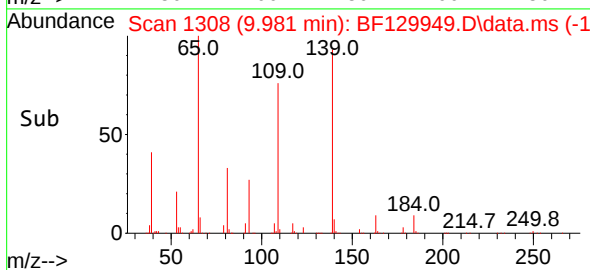
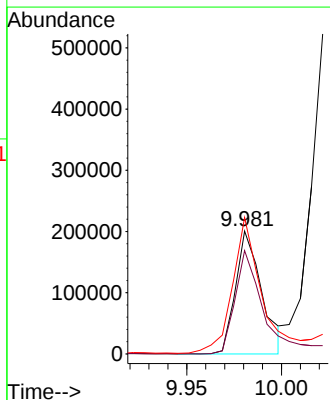
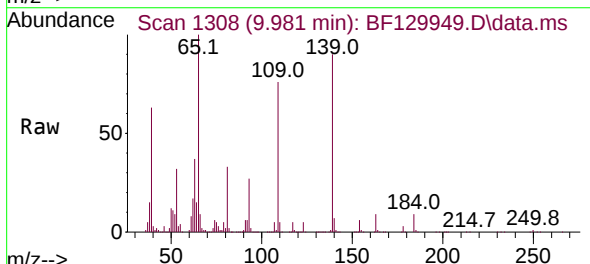
Manual Integrations
APPROVED

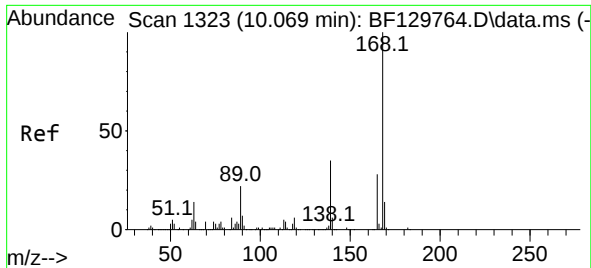
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#56
4-Nitrophenol
Concen: 88.510 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

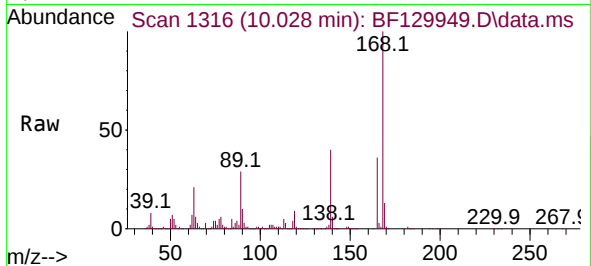
Tgt Ion:139 Resp: 193431
Ion Ratio Lower Upper
139 100
109 84.1 52.9 92.9
65 111.0 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 48.452 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

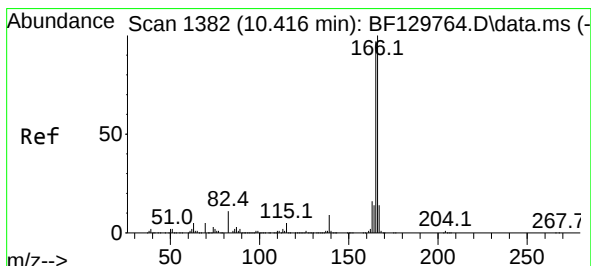
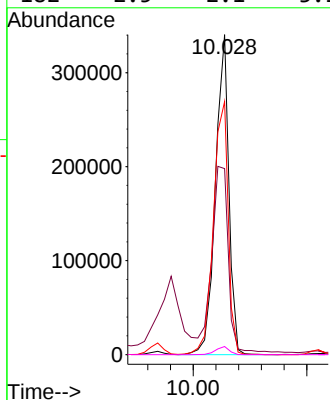
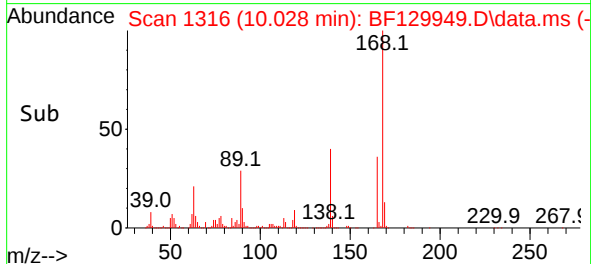
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



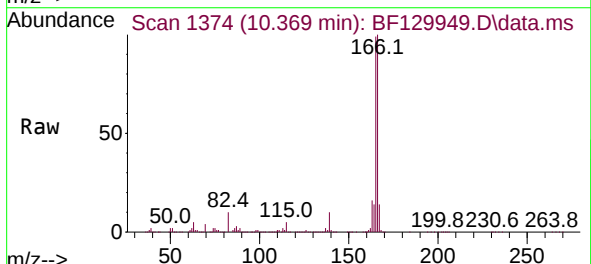
Tgt Ion:165 Resp: 27938
Ion Ratio Lower Upper
165 100
63 58.1 48.4 72.6
89 79.1 62.3 93.5
182 2.5 2.1 3.1

Manual Integrations
APPROVED

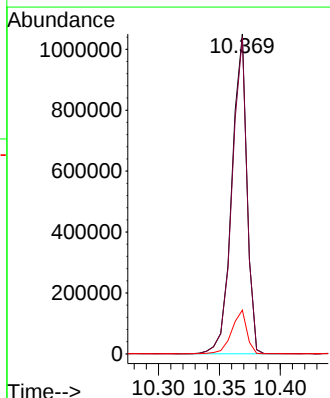
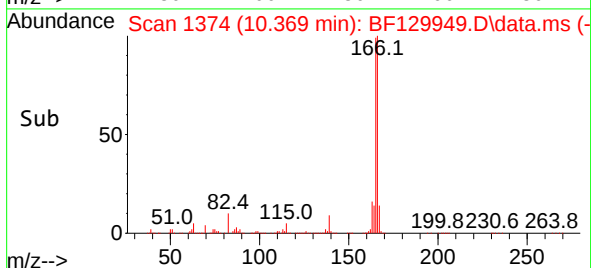
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

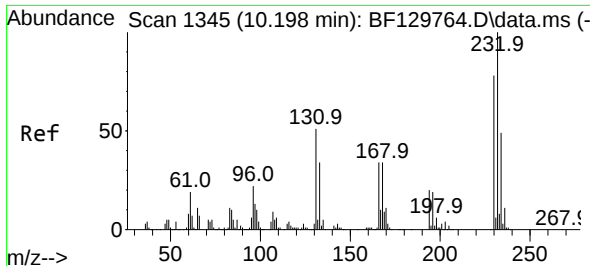


#58
Fluorene
Concen: 45.617 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



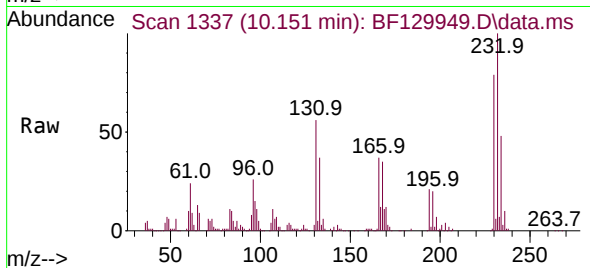
Tgt Ion:166 Resp: 903936
Ion Ratio Lower Upper
166 100
165 99.0 77.9 116.9
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.192 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

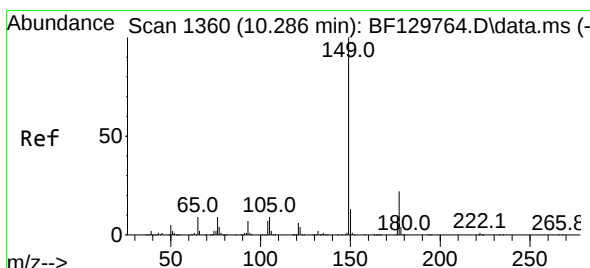
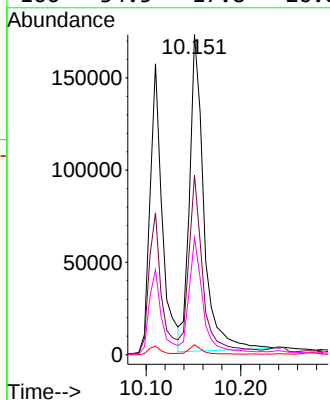
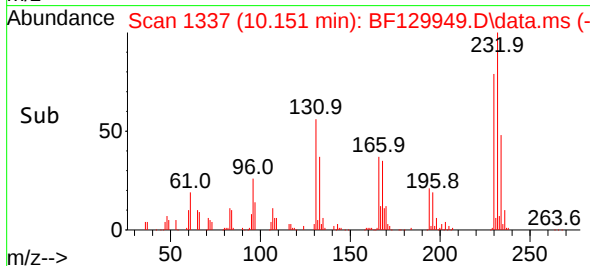
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



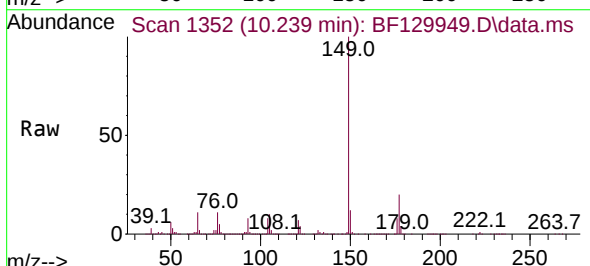
Tgt Ion:232 Resp: 180108
Ion Ratio Lower Upper
232 100
131 54.9 29.9 44.9
130 2.9 1.5 2.3
166 34.5 17.8 26.8

Manual Integrations
APPROVED

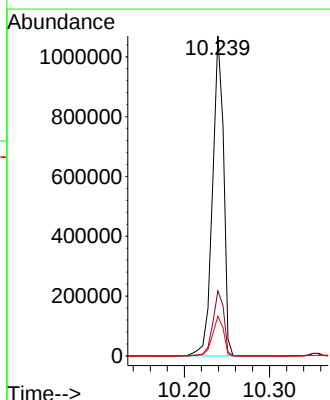
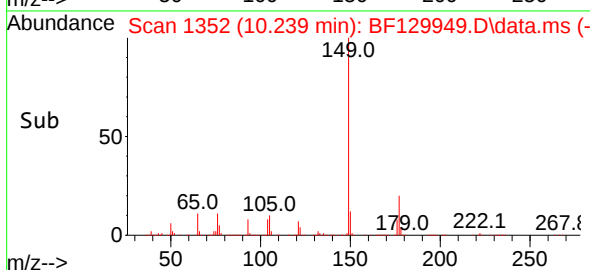
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

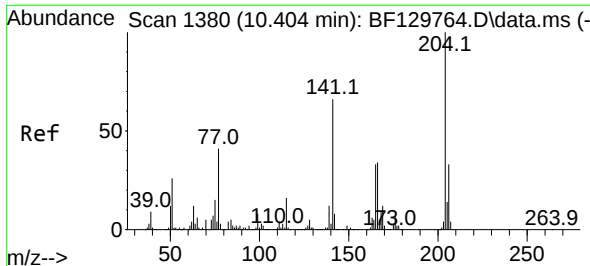


#60
Diethylphthalate
Concen: 46.961 ng
RT: 10.239 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



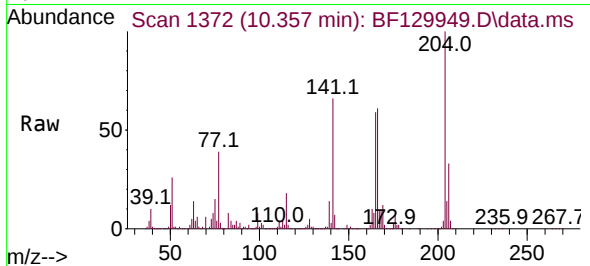
Tgt Ion:149 Resp: 958854
Ion Ratio Lower Upper
149 100
177 20.3 17.7 26.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.048 ng
RT: 10.357 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

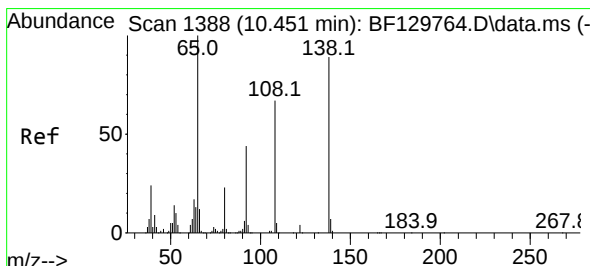
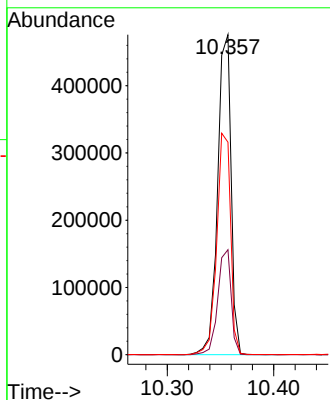
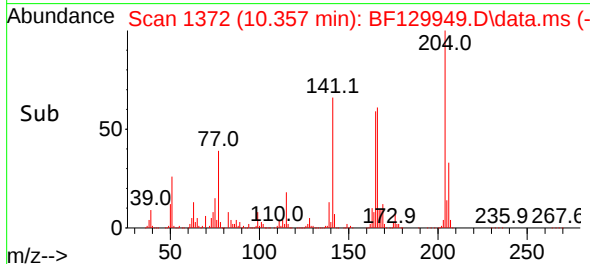
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



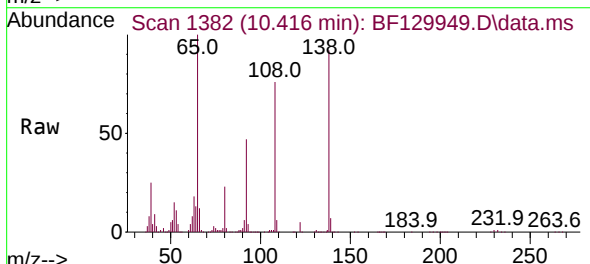
Tgt Ion:204 Resp: 418382
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 66.4 52.6 79.0

Manual Integrations
APPROVED

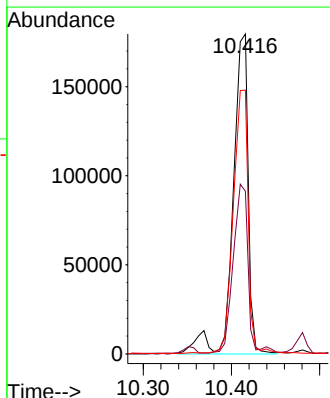
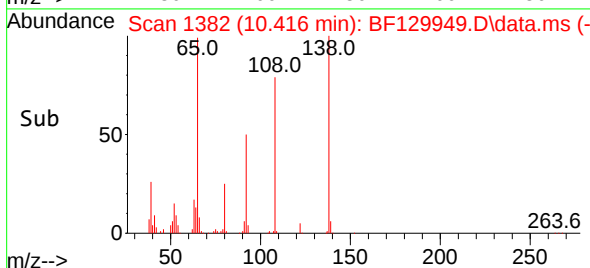
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

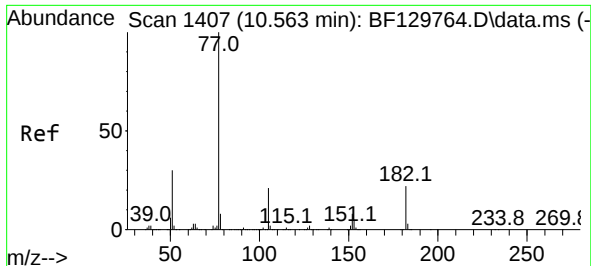


#62
4-Nitroaniline
Concen: 43.352 ng m
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



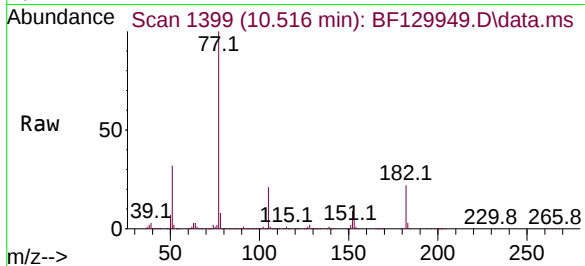
Tgt Ion:138 Resp: 214844
Ion Ratio Lower Upper
138 100
92 50.8 30.3 70.3
108 82.4 55.7 95.7





#63
Azobenzene
Concen: 47.775 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

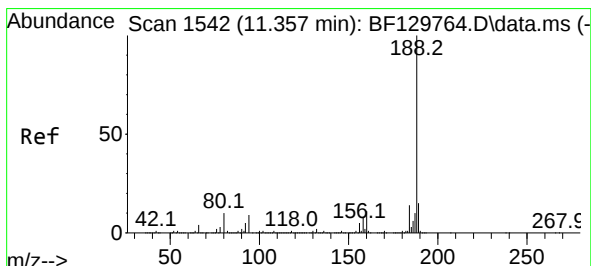
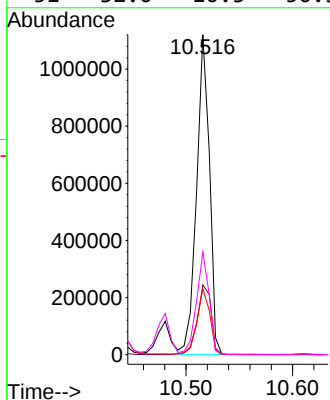
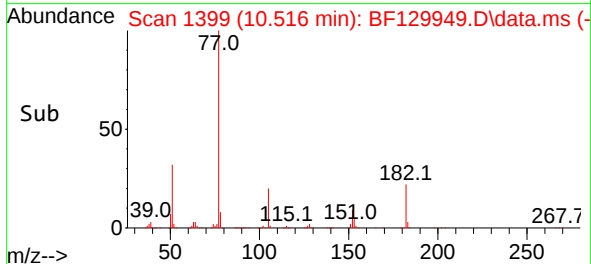
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



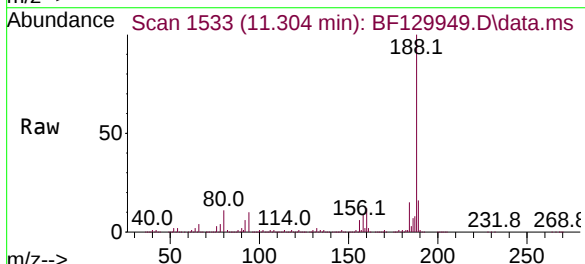
Tgt Ion: 77 Resp: 932404
Ion Ratio Lower Upper
77 100
182 21.8 2.2 42.2
105 20.5 0.8 40.8
51 32.0 10.3 50.3

Manual Integrations
APPROVED

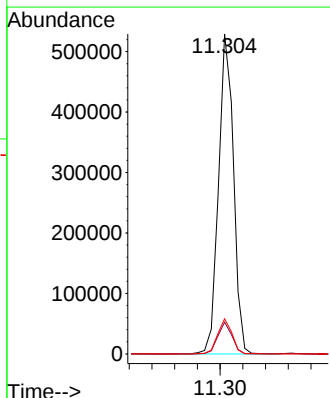
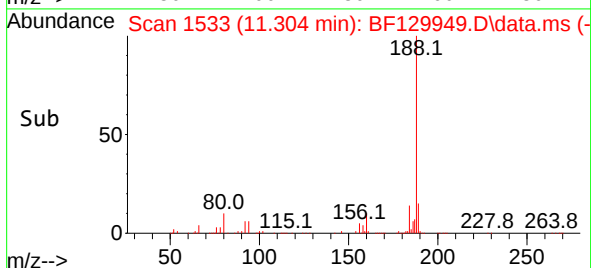
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

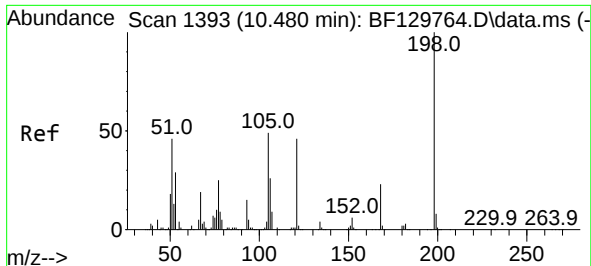


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



Tgt Ion:188 Resp: 481794
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.0 7.9 11.9





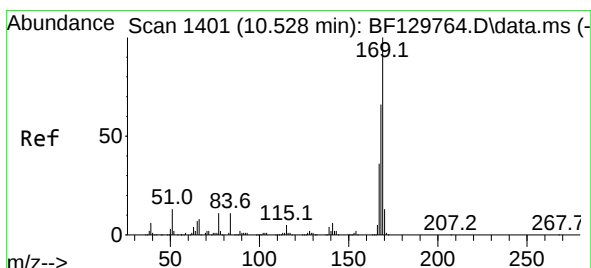
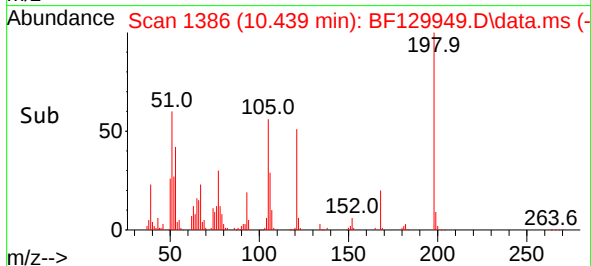
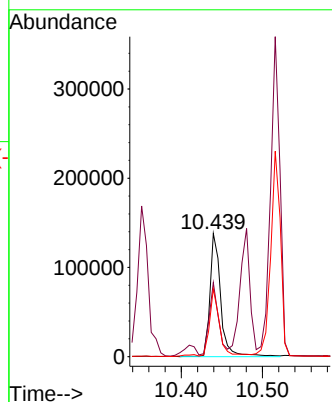
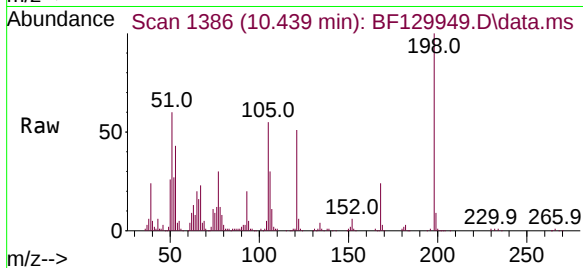
#65
4,6-Dinitro-2-methylphenol
Concen: 45.206 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion:198 Resp: 127861
Ion Ratio Lower Upper
198 100
51 60.1 29.4 69.4
105 55.1 29.2 69.2

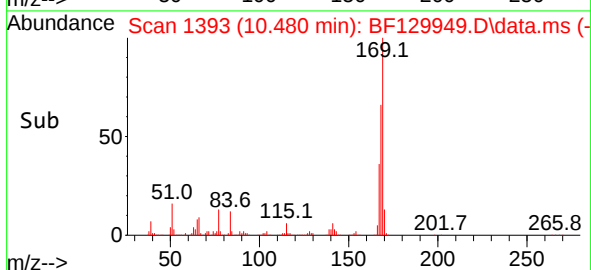
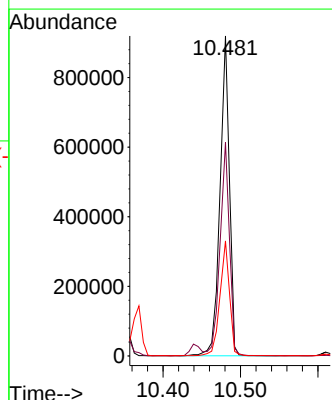
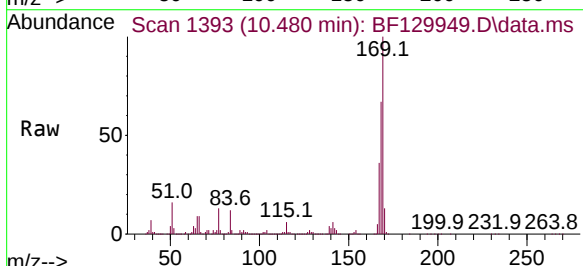
Manual Integrations
APPROVED

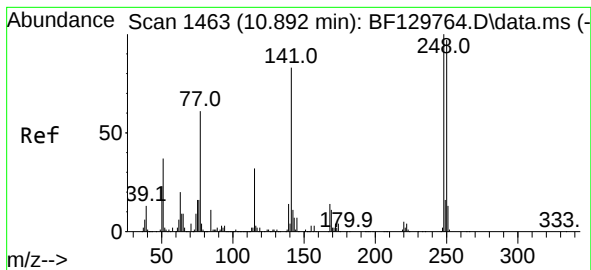
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#66
n-Nitrosodiphenylamine
Concen: 47.689 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

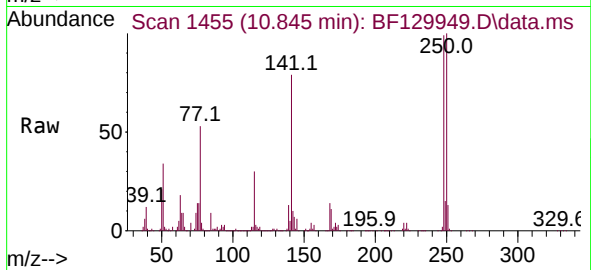
Tgt Ion:169 Resp: 775499
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 35.9 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 47.268 ng
RT: 10.845 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

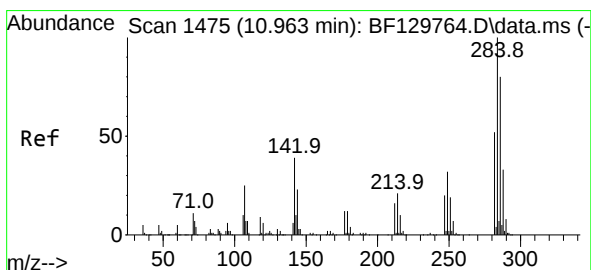
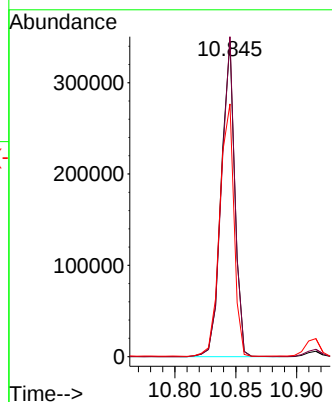
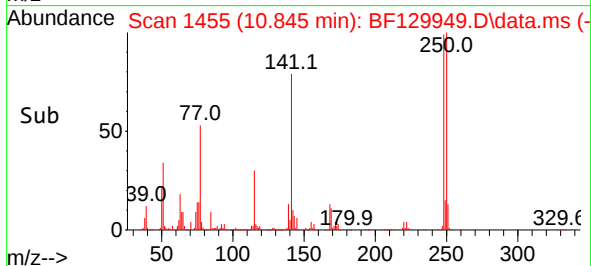
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion:248 Resp: 266736
Ion Ratio Lower Upper
248 100
250 101.4 77.8 116.6
141 80.0 66.2 99.2

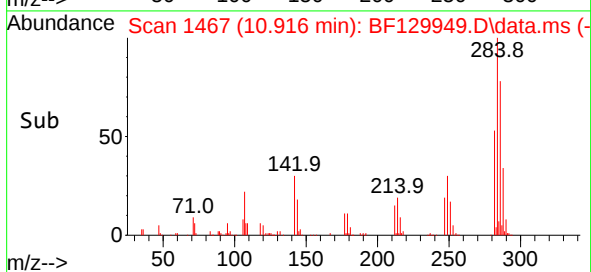
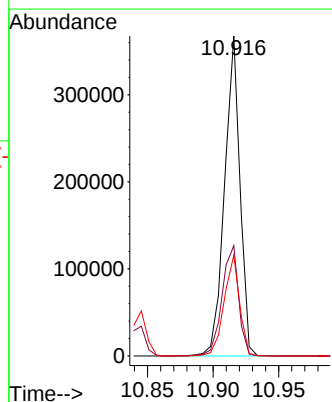
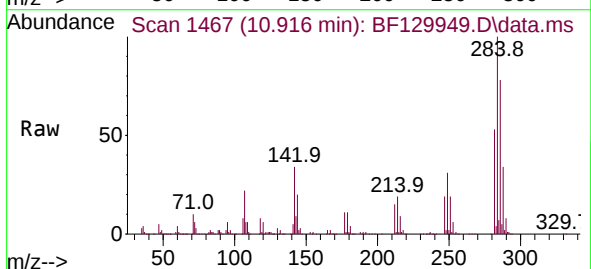
Manual Integrations
APPROVED

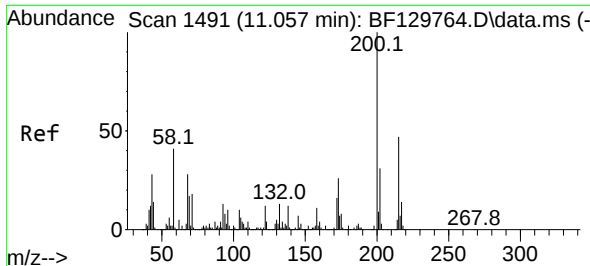
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#68
Hexachlorobenzene
Concen: 49.177 ng
RT: 10.916 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

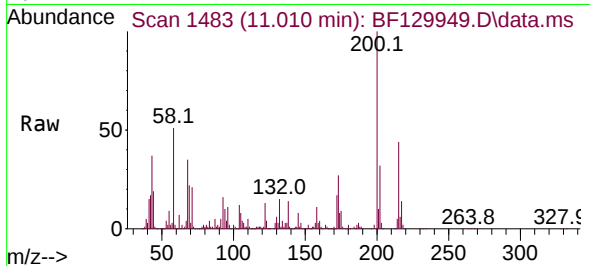
Tgt Ion:284 Resp: 300610
Ion Ratio Lower Upper
284 100
142 34.4 31.4 47.0
249 31.4 25.7 38.5





#69
Atrazine
Concen: 52.873 ng
RT: 11.010 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

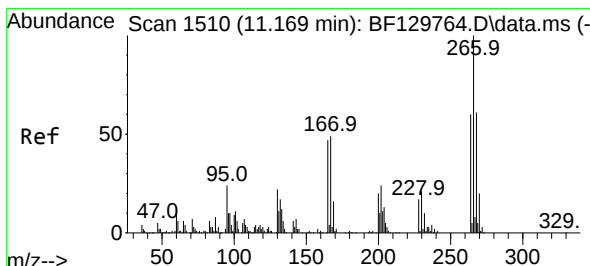
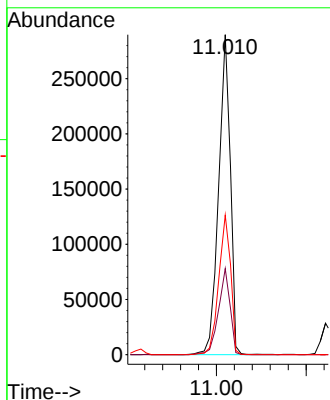
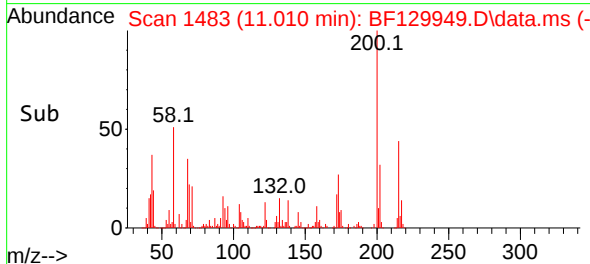
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion:200 Resp: 263893
Ion Ratio Lower Upper
200 100
173 26.9 6.4 46.4
215 43.6 27.1 67.1

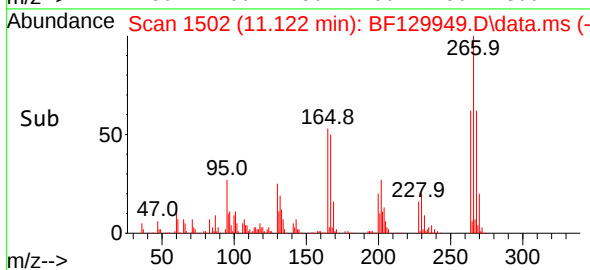
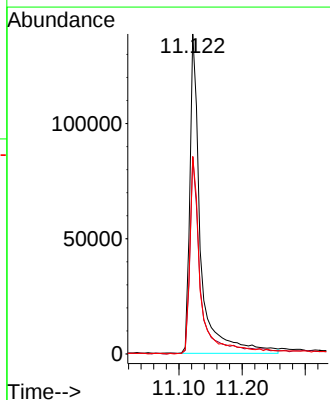
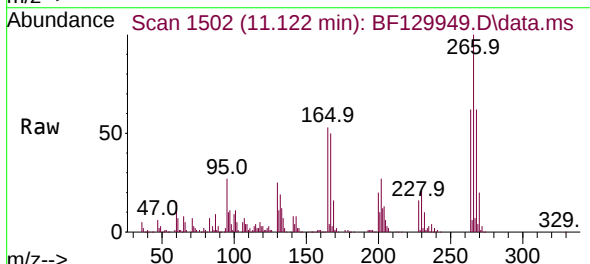
Manual Integrations
APPROVED

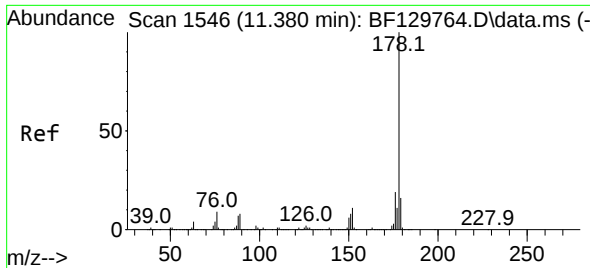
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#70
Pentachlorophenol
Concen: 89.311 ng
RT: 11.122 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:266 Resp: 164827
Ion Ratio Lower Upper
266 100
268 61.6 49.0 73.4
264 61.7 47.9 71.9





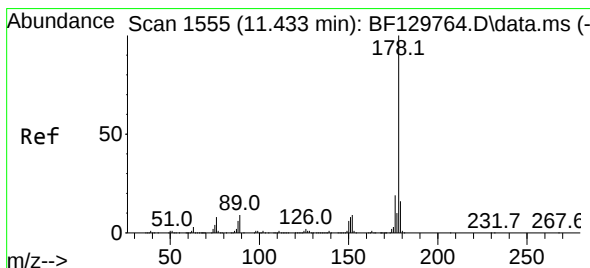
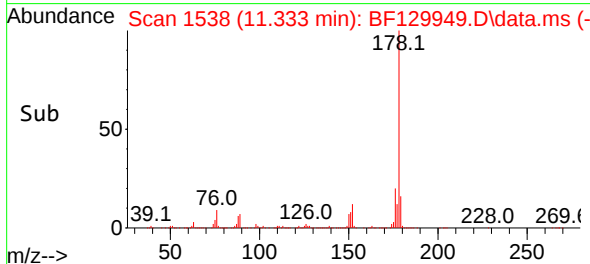
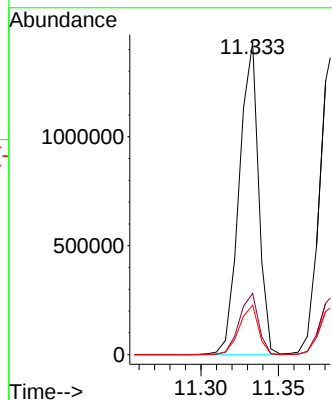
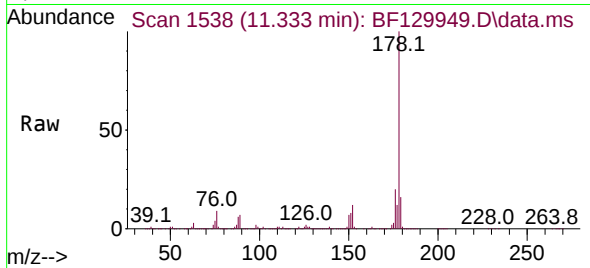
#71
Phenanthrene
Concen: 46.417 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion:178 Resp: 1248981
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.5 18.7

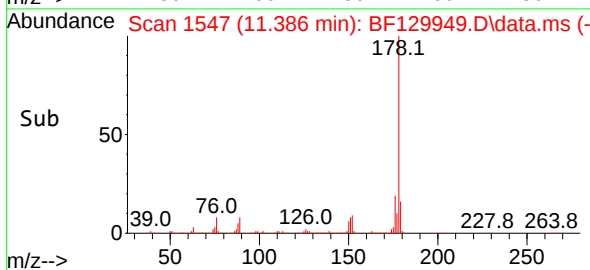
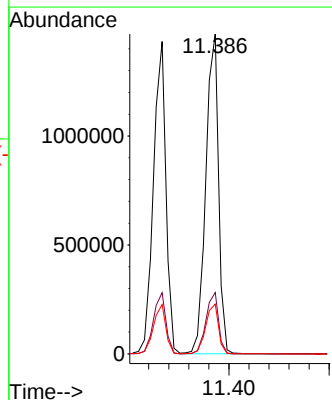
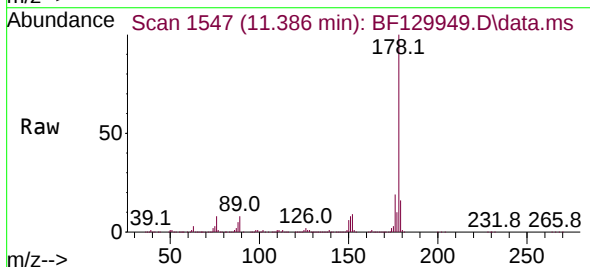
Manual Integrations
APPROVED

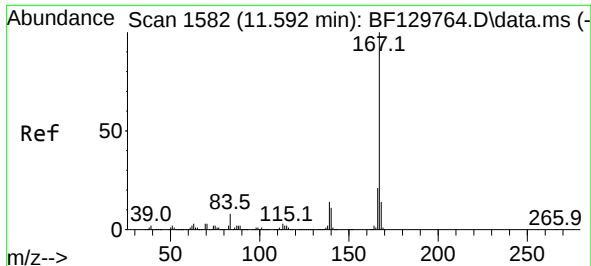
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#72
Anthracene
Concen: 48.270 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

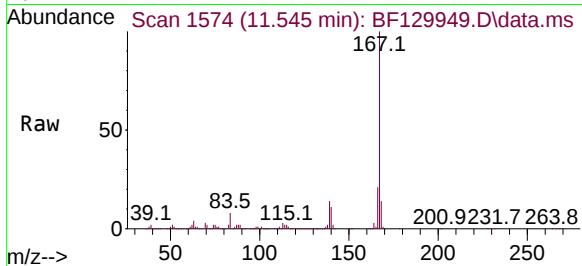
Tgt Ion:178 Resp: 1291634
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.6 12.6 18.8





#73
Carbazole
Concen: 48.394 ng
RT: 11.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

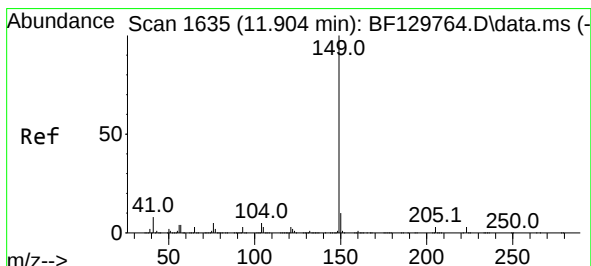
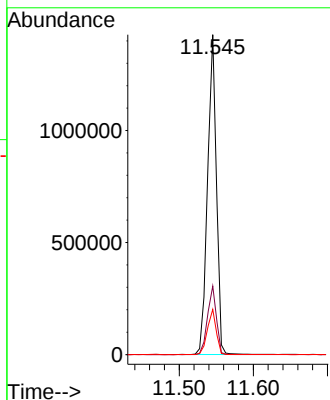
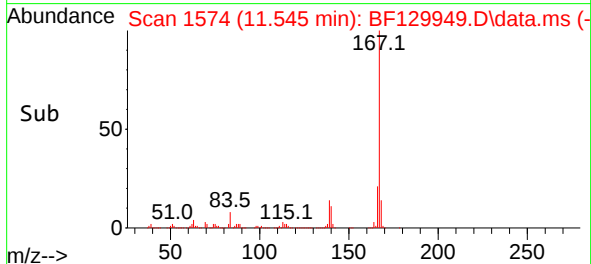
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



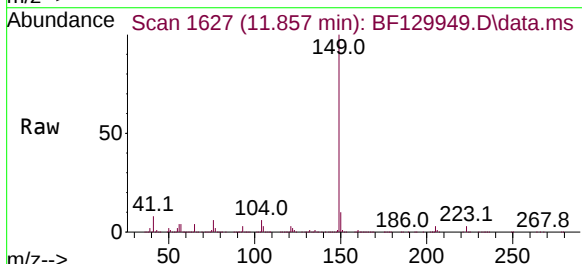
Tgt Ion:167 Resp: 1175520
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 14.1 11.0 16.6

Manual Integrations
APPROVED

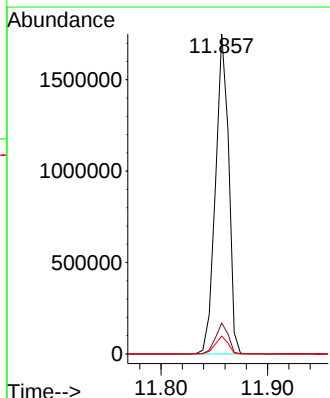
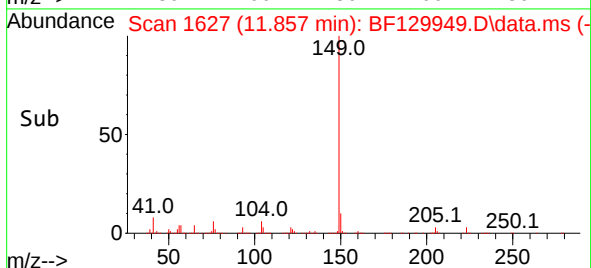
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

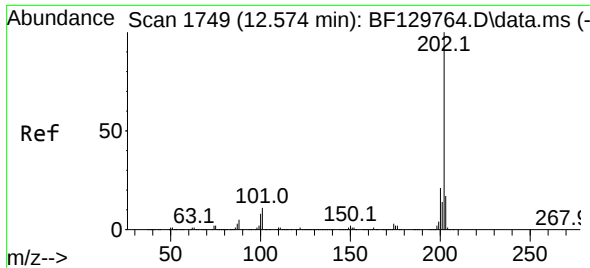


#74
Di-n-butylphthalate
Concen: 48.148 ng
RT: 11.857 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



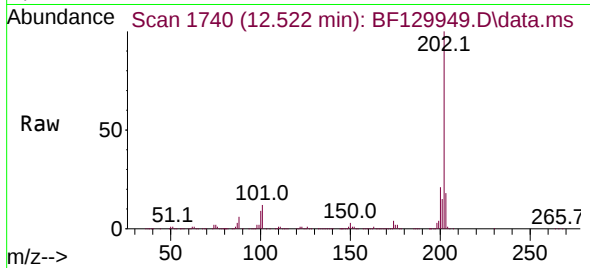
Tgt Ion:149 Resp: 1505221
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.6 4.2 6.4





#75
Fluoranthene
Concen: 46.744 ng
RT: 12.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

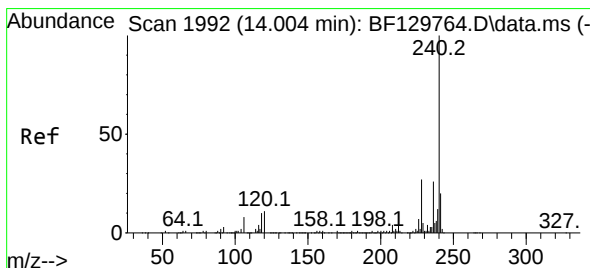
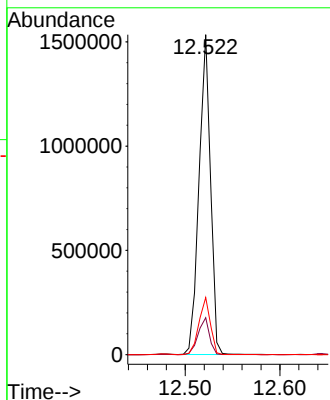
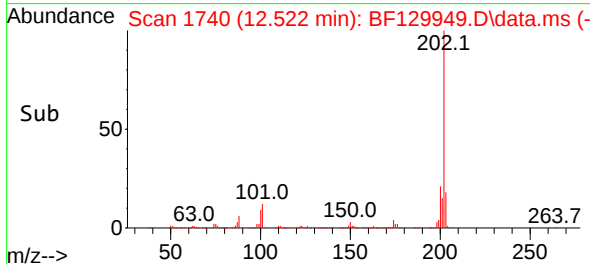
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



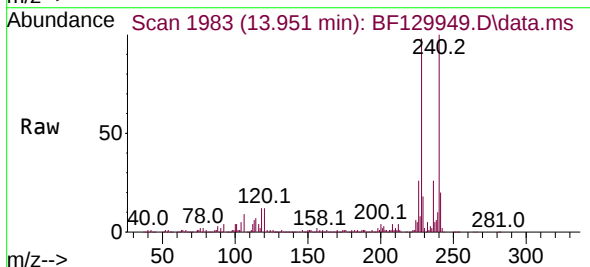
Tgt Ion:202 Resp: 1287072
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 17.8 0.0 37.5

Manual Integrations
APPROVED

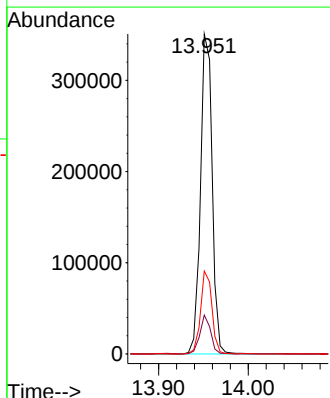
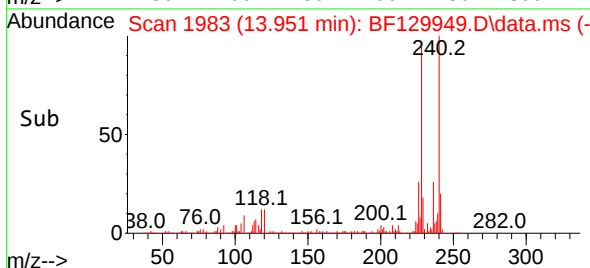
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

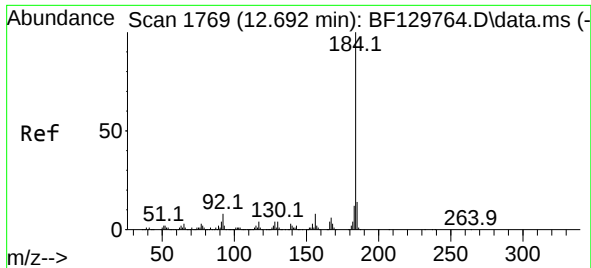


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



Tgt Ion:240 Resp: 317465
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.9 20.7 31.1





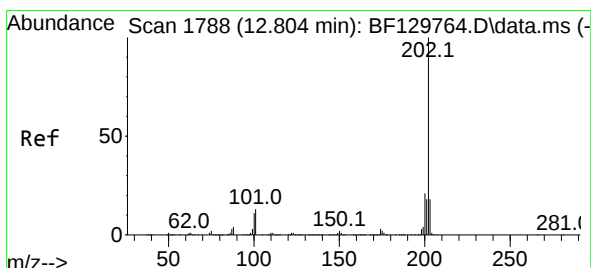
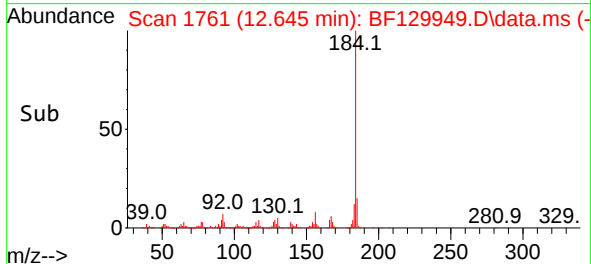
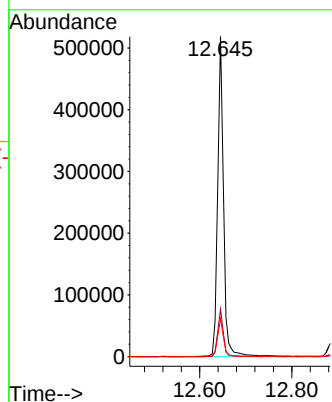
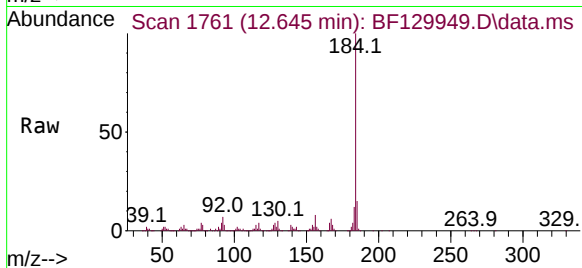
#77
Benzidine
Concen: 62.149 ng
RT: 12.645 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion:184 Resp: 458005
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.2
183 11.9 9.4 14.2

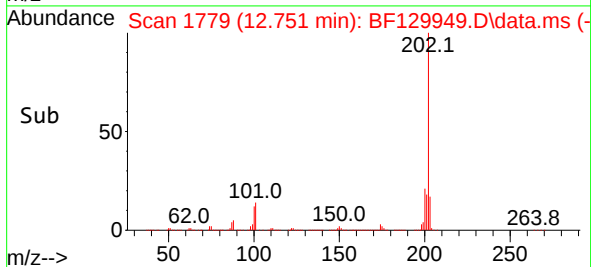
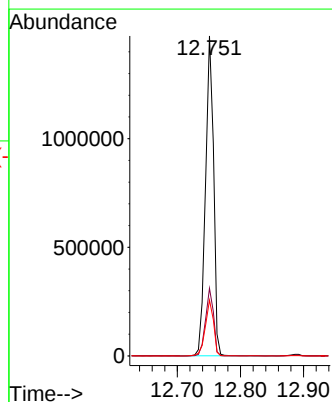
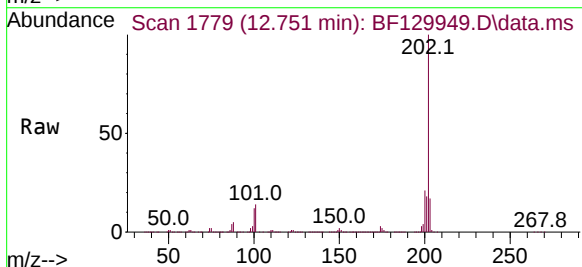
Manual Integrations
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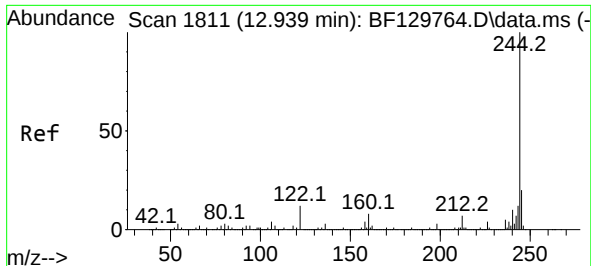
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#78
Pyrene
Concen: 47.116 ng
RT: 12.751 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

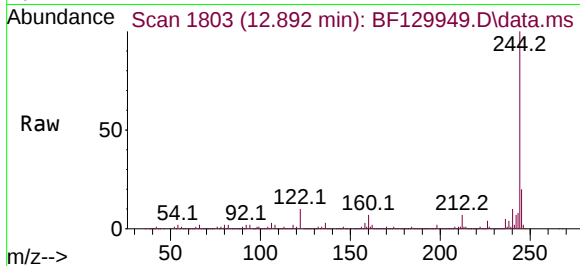
Tgt Ion:202 Resp: 1299824
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 100.387 ng
 RT: 12.892 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: BF129949.D
 Acq: 23 Aug 2022 12:28

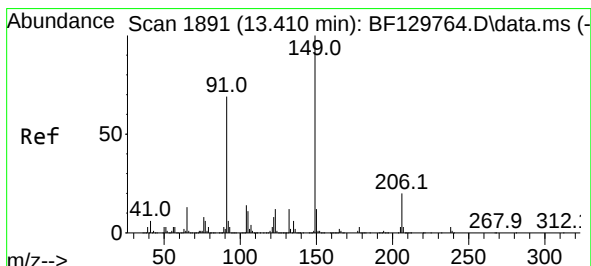
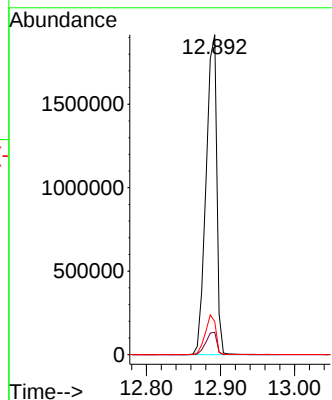
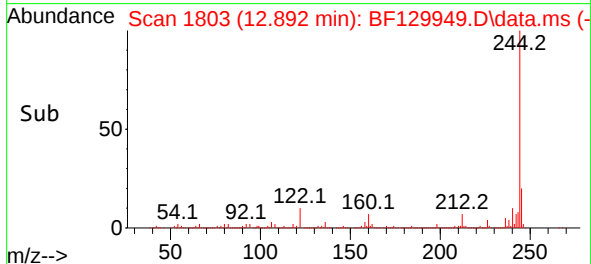
Instrument :
 BNA_F
 ClientSampleId :
 PB147059BSD



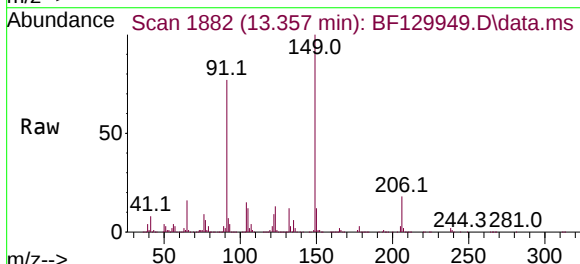
Tgt Ion:244 Resp: 1915305
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.3 9.9 14.9

Manual Integrations
 APPROVED

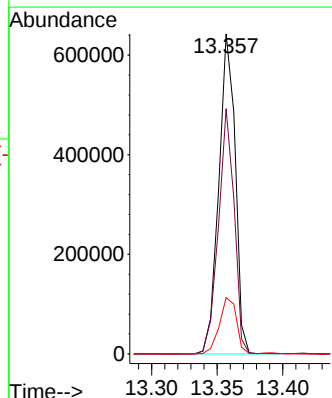
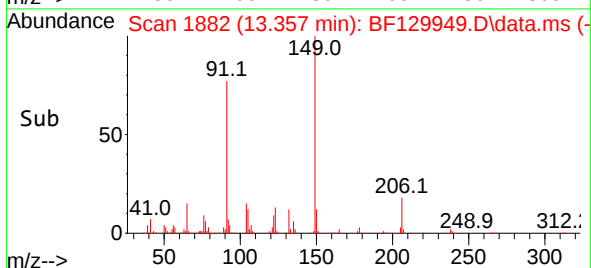
Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022

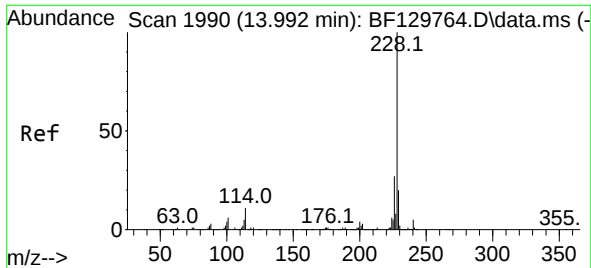


#80
 Butylbenzylphthalate
 Concen: 48.145 ng
 RT: 13.357 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: BF129949.D
 Acq: 23 Aug 2022 12:28



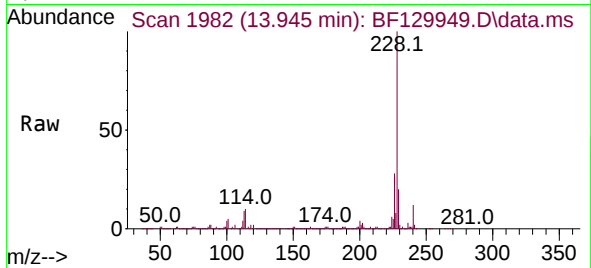
Tgt Ion:149 Resp: 562024
 Ion Ratio Lower Upper
 149 100
 91 76.6 55.4 83.0
 206 17.6 15.8 23.6





#81
Benzo(a)anthracene
Concen: 45.764 ng
RT: 13.945 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

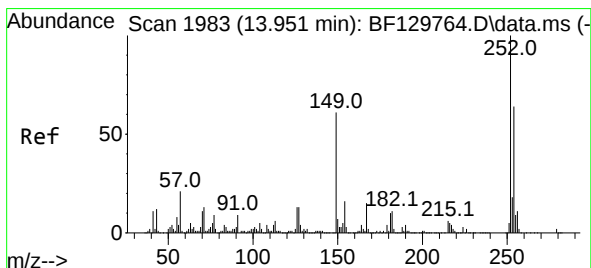
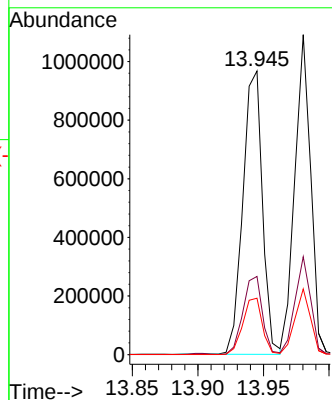
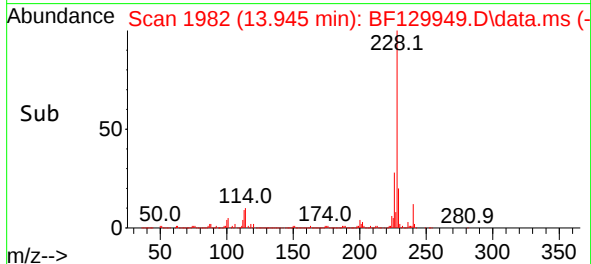
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



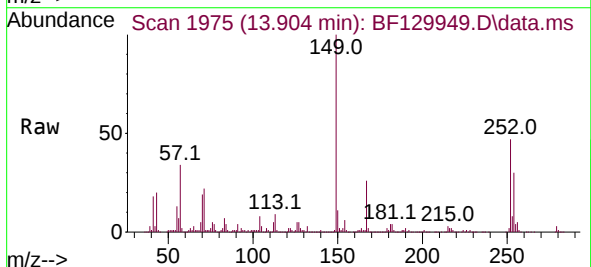
Tgt Ion:228 Resp: 999421
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.9 16.1 24.1

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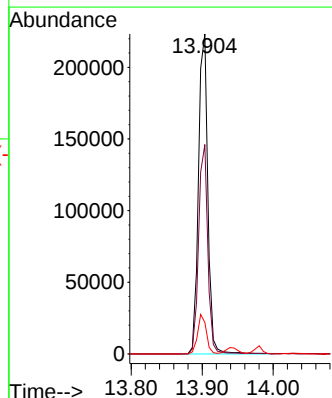
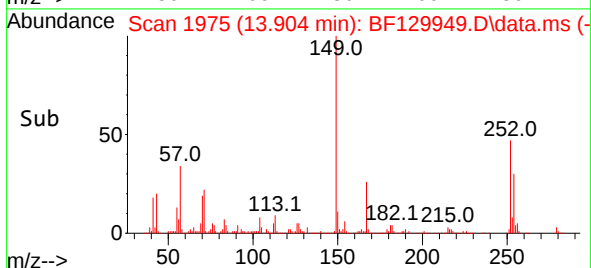
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

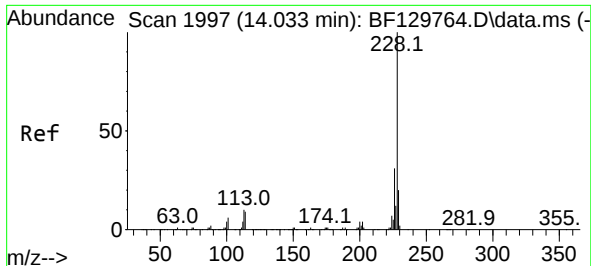


#82
3,3'-Dichlorobenzidine
Concen: 30.030 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



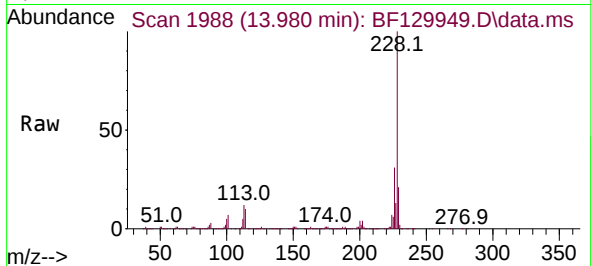
Tgt Ion:252 Resp: 203107
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 9.8 10.2 15.4#





#83
Chrysene
Concen: 45.370 ng
RT: 13.980 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

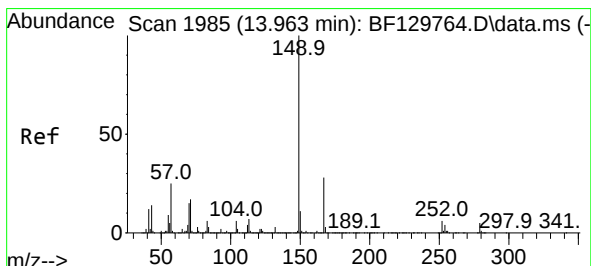
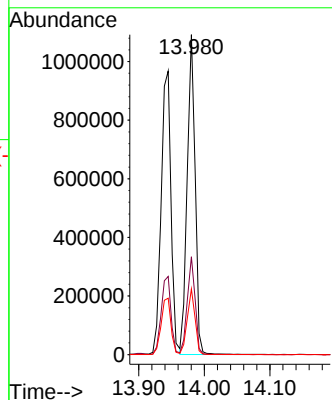
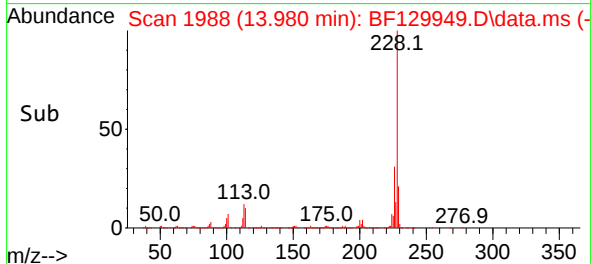
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



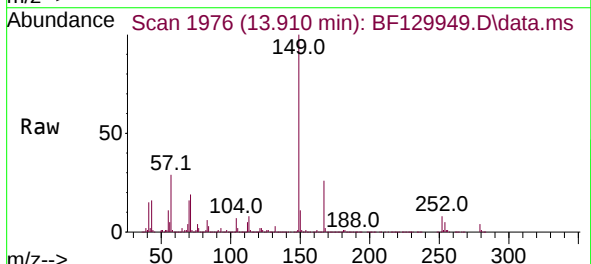
Tgt Ion:228 Resp: 927472
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.5 15.9 23.9

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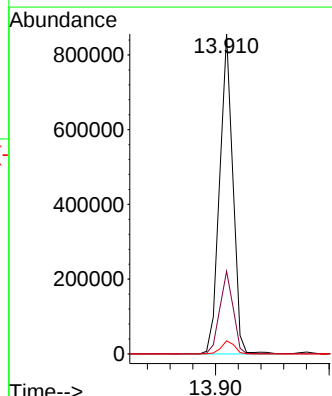
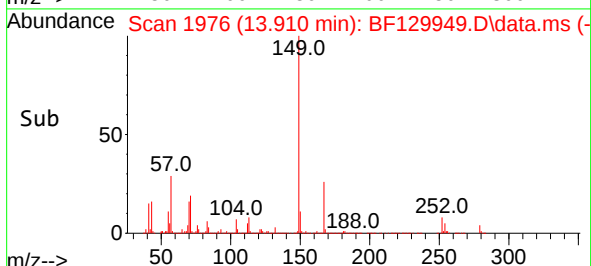
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

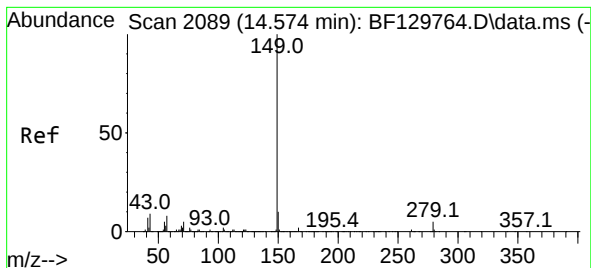


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.874 ng
RT: 13.910 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



Tgt Ion:149 Resp: 690725
Ion Ratio Lower Upper
149 100
167 25.8 22.0 33.0
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.824 ng

RT: 14.521 min Scan# 2089

Delta R.T. 0.000 min

Lab File: BF129949.D

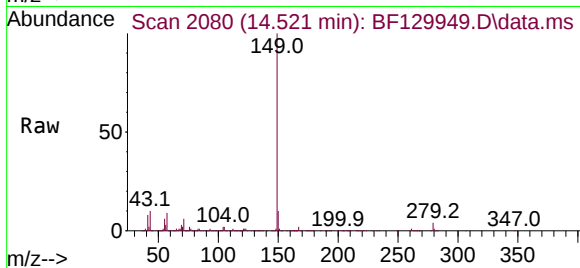
Acq: 23 Aug 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB147059BSD



Tgt Ion:149 Resp: 933434

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

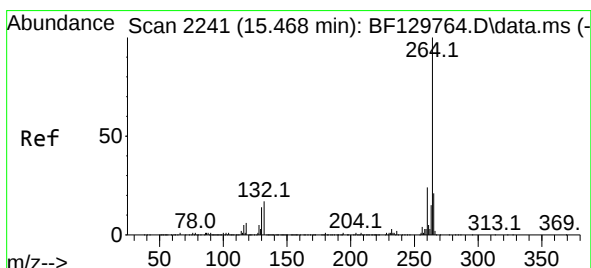
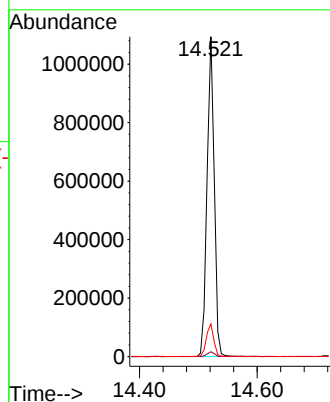
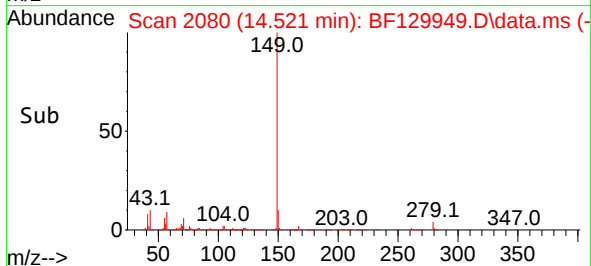
43 10.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2230

Delta R.T. 0.006 min

Lab File: BF129949.D

Acq: 23 Aug 2022 12:28

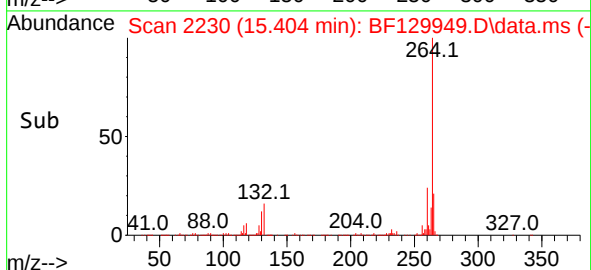
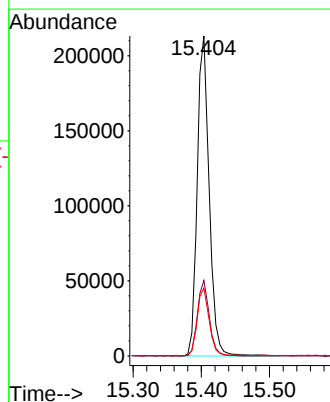
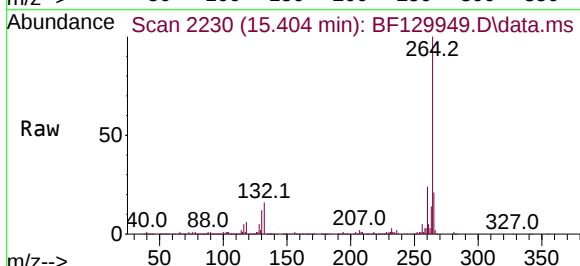
Tgt Ion:264 Resp: 259640

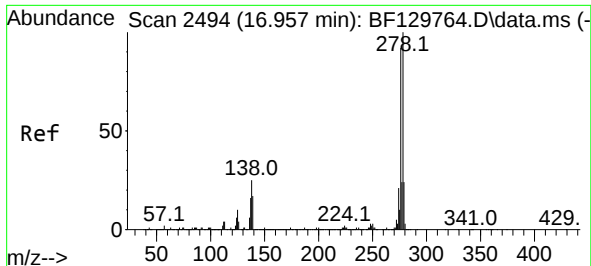
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

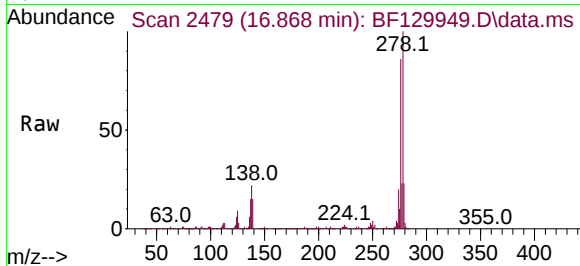
265 21.2 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.383 ng
RT: 16.868 min Scan# 2494
Delta R.T. 0.012 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

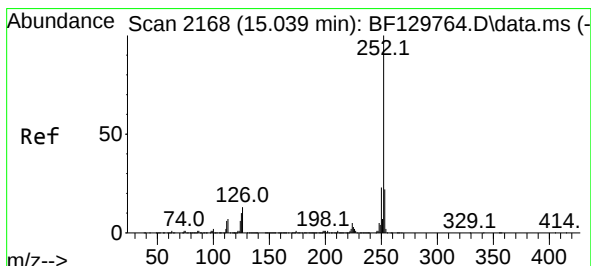
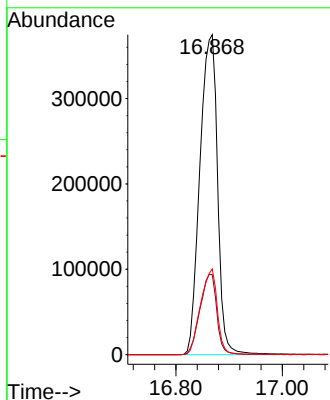
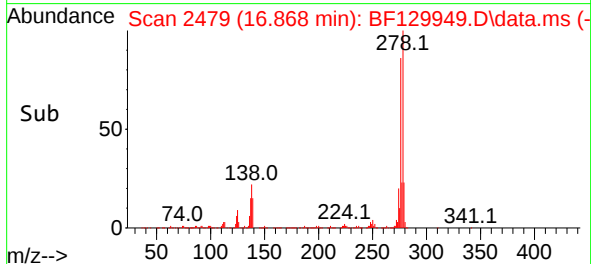
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



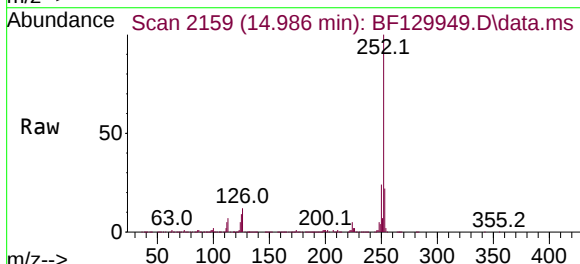
Tgt Ion:276 Resp: 862412
Ion Ratio Lower Upper
276 100
138 23.8 19.8 29.8
277 25.4 20.4 30.6

Manual Integrations
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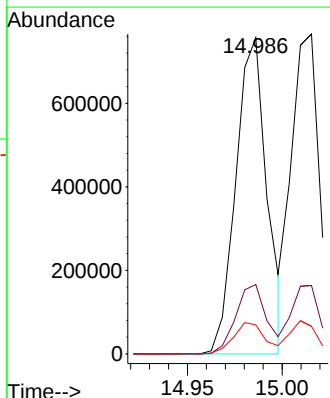
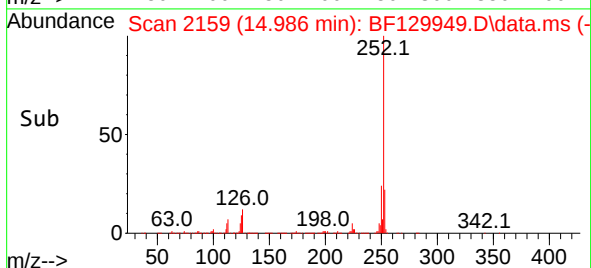
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

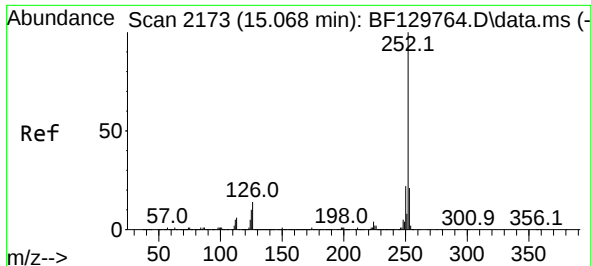


#88
Benzo(b)fluoranthene
Concen: 48.574 ng
RT: 14.986 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28



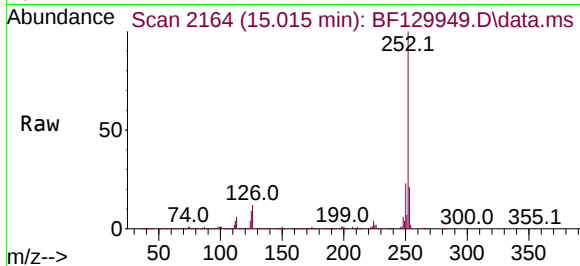
Tgt Ion:252 Resp: 863597
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.2 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 47.321 ng
RT: 15.015 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

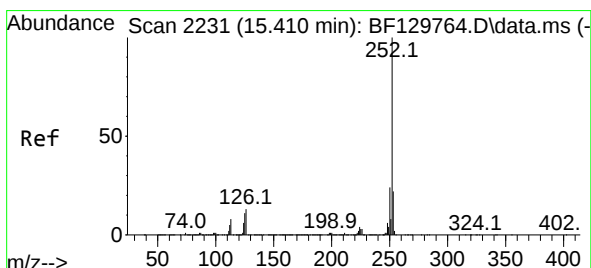
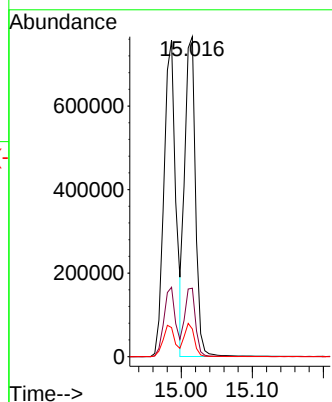
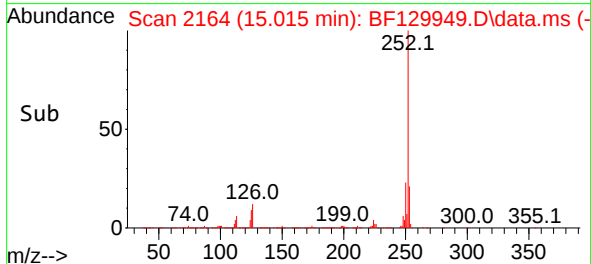
Instrument :
BNA_F
ClientSampleId :
PB147059BSD



Tgt Ion:252 Resp: 806829
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 8.6 8.3 12.5

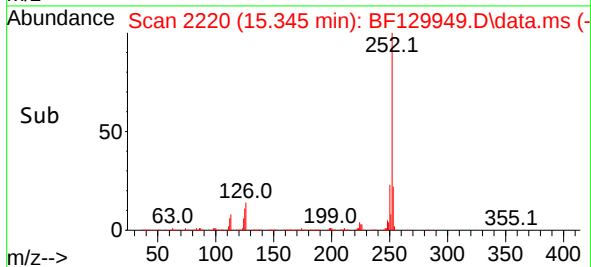
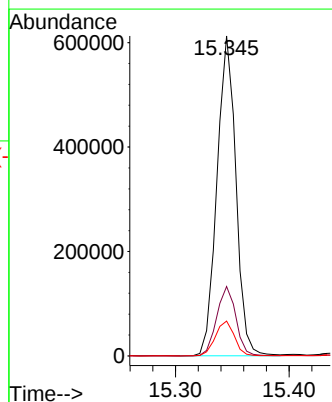
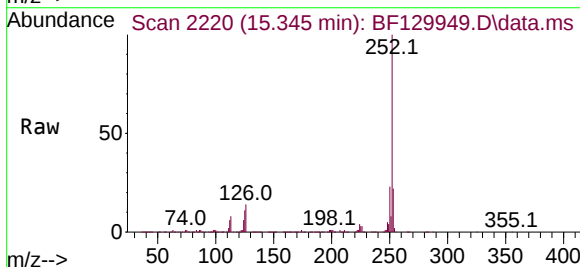
Manual Integrations
APPROVED

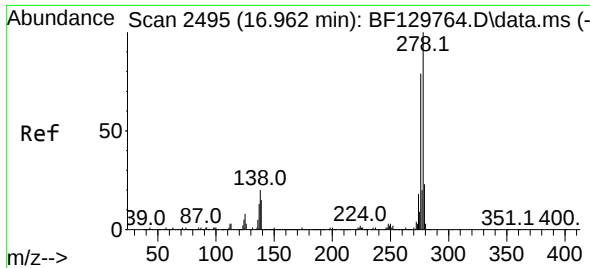
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#90
Benzo(a)pyrene
Concen: 50.693 ng
RT: 15.345 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion:252 Resp: 709749
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.9 8.8 13.2





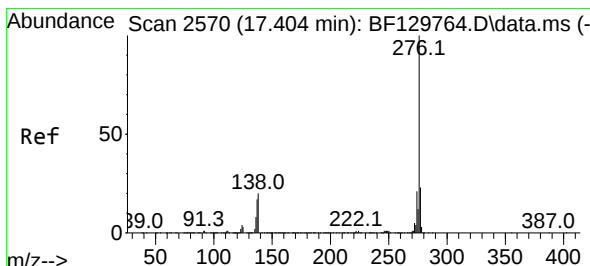
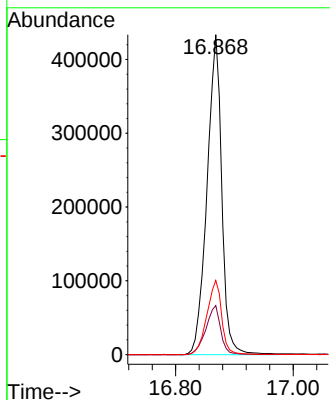
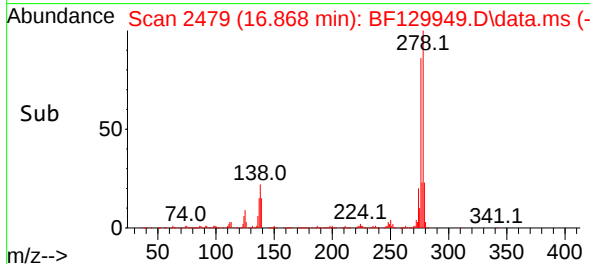
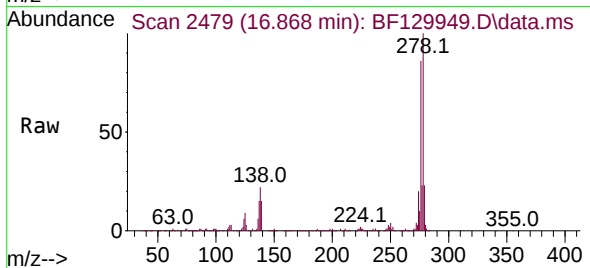
#91
Dibenzo(a,h)anthracene
Concen: 51.280 ng
RT: 16.868 min Scan# 2495
Delta R.T. 0.012 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB147059BSD

Tgt Ion: 278 Resp: 75418
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.2 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022



#92
Benzo(g,h,i)perylene
Concen: 51.450 ng
RT: 17.304 min Scan# 2553
Delta R.T. 0.012 min
Lab File: BF129949.D
Acq: 23 Aug 2022 12:28

Tgt Ion: 276 Resp: 754916
Ion Ratio Lower Upper
276 100
277 22.8 18.2 27.4
138 20.5 15.8 23.8

