

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129713.D
 Acq On : 11 Aug 2022 13:20
 Operator : CG\JU
 Sample : PB146612BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146612BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 11 23:55:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	176126	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	725923	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	386048	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	642240	20.000	ng	0.00
76) Chrysene-d12	14.021	240	392689	20.000	ng	0.00
86) Perylene-d12	15.492	264	333816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1212383	112.134	ng	0.02
7) Phenol-d6	6.498	99	1502206	110.538	ng	0.00
23) Nitrobenzene-d5	7.410	82	985322	74.095	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	446253	120.233	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1860629	74.558	ng	0.00
79) Terphenyl-d14	12.957	244	1936972	93.057	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	135622	27.802	ng	89
3) Pyridine	3.446	79	362966	26.793	ng	86
4) n-Nitrosodimethylamine	3.387	42	214258	36.017	ng	# 89
6) Aniline	6.504	93	543642	32.179	ng	# 44
8) 2-Chlorophenol	6.634	128	501580	42.463	ng	96
9) Benzaldehyde	6.392	77	240394	26.048	ng	99
10) Phenol	6.510	94	581527m	40.183	ng	
11) bis(2-Chloroethyl)ether	6.575	93	465715	40.577	ng	91
12) 1,3-Dichlorobenzene	6.775	146	503285	39.727	ng	99
13) 1,4-Dichlorobenzene	6.857	146	516528	40.090	ng	99
14) 1,2-Dichlorobenzene	7.004	146	487845	41.194	ng	97
15) Benzyl Alcohol	6.992	79	414814	42.087	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	619138	35.888	ng	# 1
17) 2-Methylphenol	7.110	107	405563	41.387	ng	# 90
18) Hexachloroethane	7.345	117	197790	40.770	ng	92
19) n-Nitroso-di-n-propyla...	7.257	70	350928	42.654	ng	90
20) 3+4-Methylphenols	7.263	107	520524	41.777	ng	# 80
22) Acetophenone	7.251	105	697852	41.291	ng	97
24) Nitrobenzene	7.428	77	516330	37.705	ng	95
25) Isophorone	7.663	82	955422	40.082	ng	99
26) 2-Nitrophenol	7.739	139	271900	40.248	ng	96
27) 2,4-Dimethylphenol	7.786	122	452103m	44.615	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	595921	43.096	ng	99
29) 2,4-Dichlorophenol	7.992	162	418246	39.989	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	419163	38.718	ng	97
31) Naphthalene	8.145	128	1417794	38.442	ng	99
32) Benzoic acid	7.933	122	182755	24.947	ng	97
33) 4-Chloroaniline	8.198	127	459411	30.341	ng	97
34) Hexachlorobutadiene	8.251	225	254681	41.386	ng	97
35) Caprolactam	8.580	113	135281m	39.784	ng	
36) 4-Chloro-3-methylphenol	8.698	107	458721	41.352	ng	96
37) 2-Methylnaphthalene	8.833	142	945704	39.458	ng	100
38) 1-Methylnaphthalene	8.933	142	901528	38.965	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	421913	41.622	ng	98
41) Hexachlorocyclopentadiene	8.980	237	355753	78.814	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	270974	36.805	ng	97

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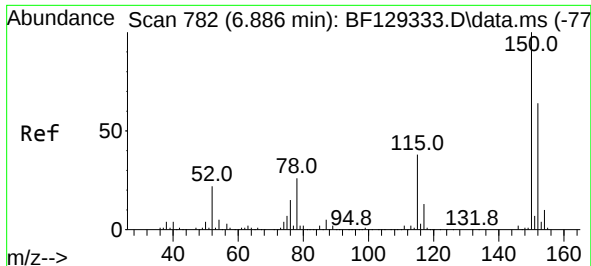
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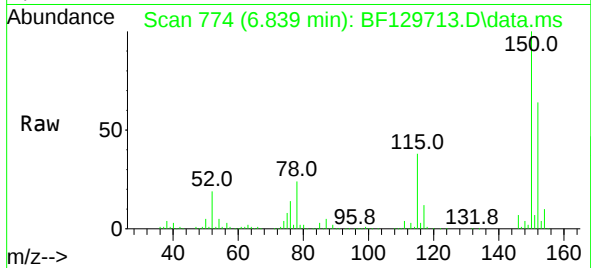
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	290380	36.268	ng	97
46) 1,1'-Biphenyl	9.298	154	1166661	41.410	ng	99
47) 2-Chloronaphthalene	9.327	162	897825	39.420	ng	99
48) 2-Nitroaniline	9.433	65	286142	37.782	ng	# 85
49) Acenaphthylene	9.745	152	1348710	38.972	ng	99
50) Dimethylphthalate	9.604	163	1077625	40.436	ng	100
51) 2,6-Dinitrotoluene	9.675	165	238260	39.944	ng	93
52) Acenaphthene	9.916	154	952750m	42.150	ng	
53) 3-Nitroaniline	9.845	138	195227	27.717	ng	# 92
54) 2,4-Dinitrophenol	9.963	184	202057	66.356	ng	# 85
55) Dibenzofuran	10.086	168	1208676	38.790	ng	95
56) 4-Nitrophenol	10.033	139	253256	48.737	ng	97
57) 2,4-Dinitrotoluene	10.080	165	301968	38.753	ng	94
58) Fluorene	10.427	166	1015289	40.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	221282	35.764	ng	97
60) Diethylphthalate	10.298	149	1077448	41.823	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	470035	42.764	ng	# 89
62) 4-Nitroaniline	10.469	138	233496m	33.417	ng	
63) Azobenzene	10.580	77	1013642	38.576	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	145052	35.783	ng	92
66) n-Nitrosodiphenylamine	10.539	169	877287	41.017	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	302982	43.082	ng	98
68) Hexachlorobenzene	10.980	284	332536	43.639	ng	98
69) Atrazine	11.074	200	298463	45.942	ng	97
70) Pentachlorophenol	11.186	266	291225	70.301	ng	99
71) Phenanthrene	11.398	178	1388507	39.606	ng	99
72) Anthracene	11.451	178	1403960	40.751	ng	100
73) Carbazole	11.610	167	1265747	39.029	ng	99
74) Di-n-butylphthalate	11.921	149	1690667	43.775	ng	100
75) Fluoranthene	12.586	202	1374507	38.695	ng	98
77) Benzidine	12.710	184	584630	42.142	ng	99
78) Pyrene	12.821	202	1378661	41.984	ng	98
80) Butylbenzylphthalate	13.421	149	641235	45.020	ng	99
81) Benzo(a)anthracene	14.010	228	1063425	39.644	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	283777	32.041	ng	97
83) Chrysene	14.045	228	970317	38.381	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	895644	47.763	ng	100
85) Di-n-octyl phthalate	14.592	149	1286923	47.692	ng	95
87) Indeno(1,2,3-cd)pyrene	16.986	276	941168	41.868	ng	98
88) Benzo(b)fluoranthene	15.062	252	925358	41.790	ng	99
89) Benzo(k)fluoranthene	15.092	252	878137	40.468	ng	99
90) Benzo(a)pyrene	15.433	252	780459	43.419	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	825095	45.096	ng	99
92) Benzo(g,h,i)perylene	17.433	276	822342	43.985	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

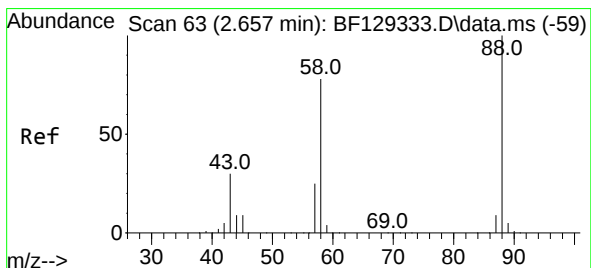
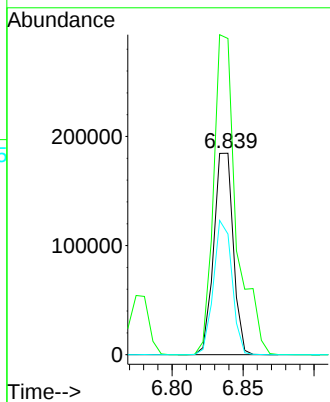
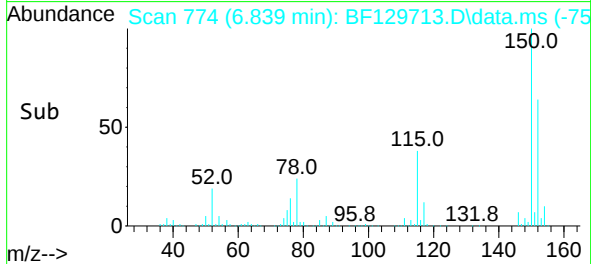
Instrument :
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ClientSampleId :
PB146612BS



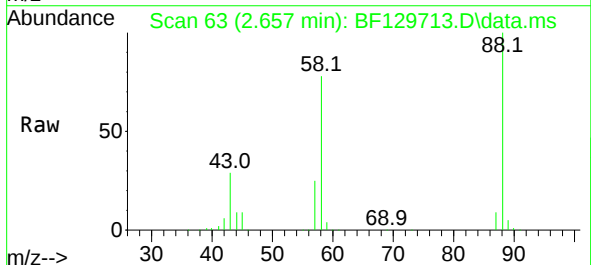
Tgt Ion:152 Resp: 176120
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 59.9 49.9 74.9

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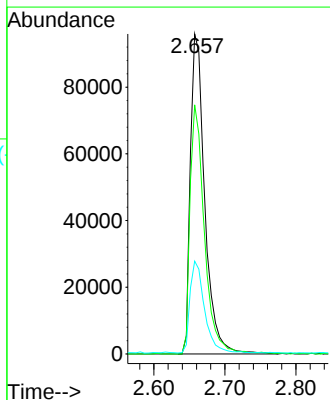
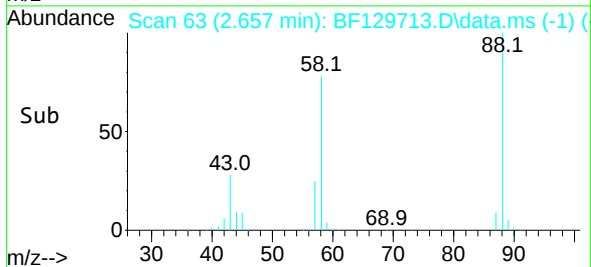
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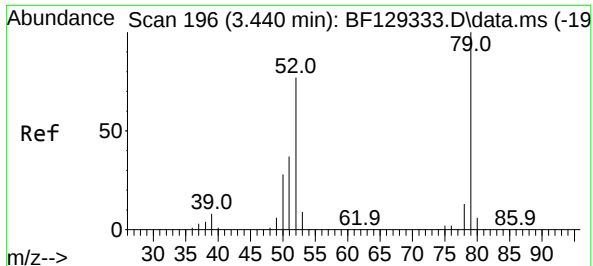


#2
1,4-Dioxane
Concen: 27.802 ng
RT: 2.657 min Scan# 63
Delta R.T. 0.100 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion: 88 Resp: 135622
Ion Ratio Lower Upper
88 100
58 77.6 71.8 107.8
43 29.0 26.6 39.8





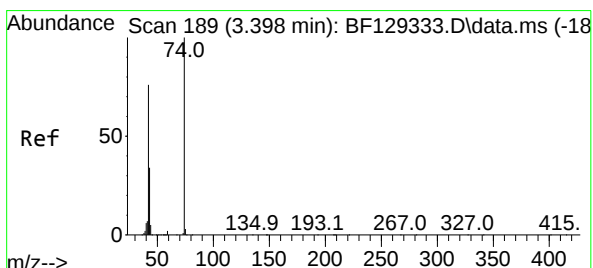
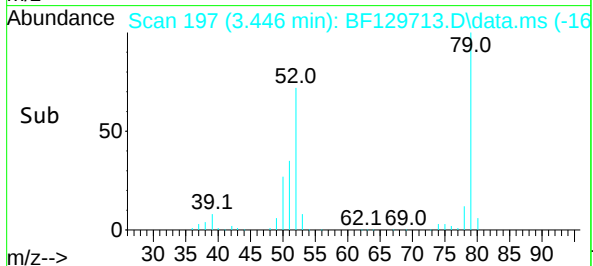
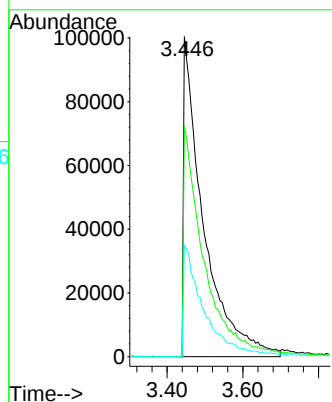
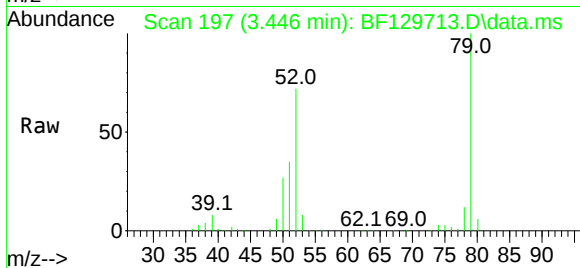
#3
Pyridine
Concen: 26.793 ng
RT: 3.446 min Scan# 196
Delta R.T. 0.111 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :
BNA_F
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Tgt Ion: 79 Resp: 362960
Ion Ratio Lower Upper
79 100
52 71.6 68.6 102.8
51 34.8 32.9 49.3

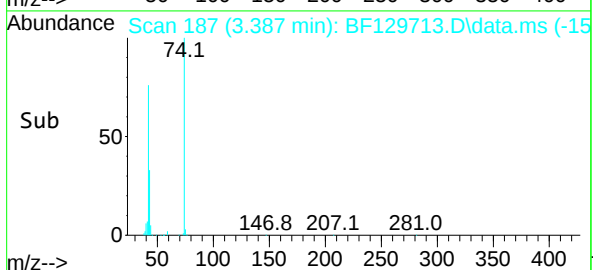
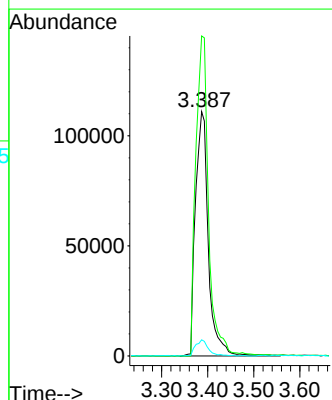
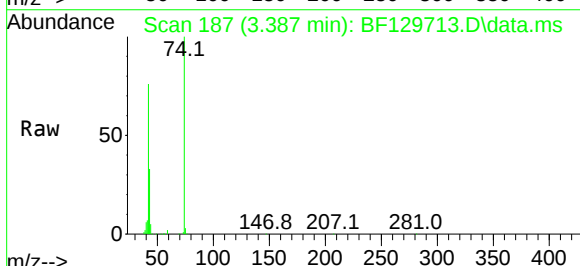
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#4
n-Nitrosodimethylamine
Concen: 36.017 ng
RT: 3.387 min Scan# 187
Delta R.T. 0.094 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

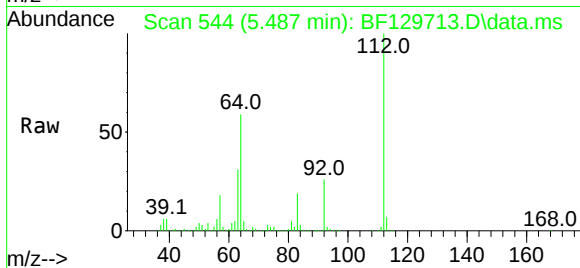
Tgt Ion: 42 Resp: 214258
Ion Ratio Lower Upper
42 100
74 131.0 94.8 142.2
44 6.6 6.6 10.0





#5
2-Fluorophenol
Concen: 112.134 ng
RT: 5.487 min Scan# 546
Delta R.T. 0.017 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

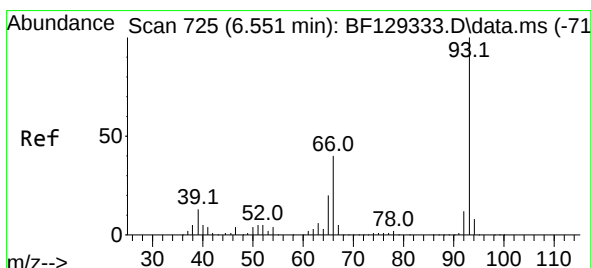
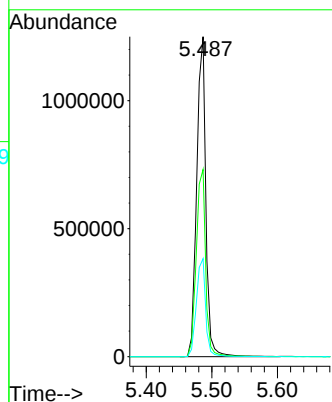
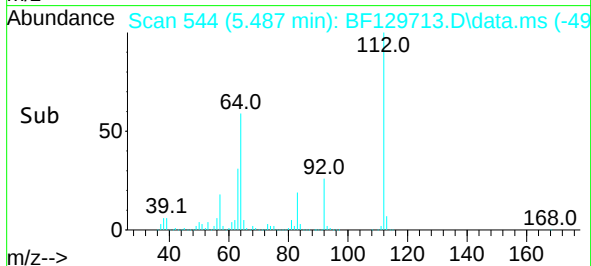
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 121238
Ion Ratio Lower Upper
112 100
64 58.5 53.3 79.9
63 30.6 28.0 42.0

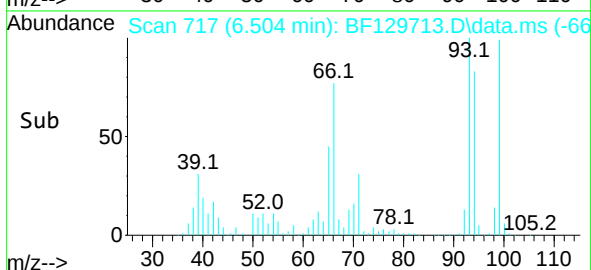
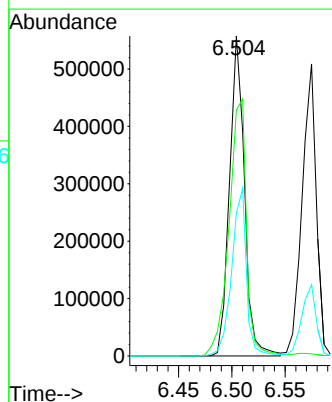
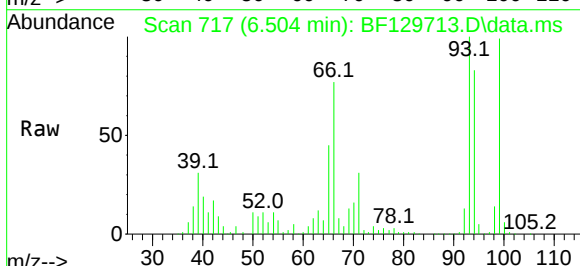
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#6
Aniline
Concen: 32.179 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

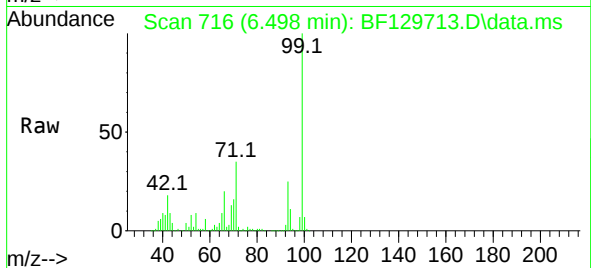
Tgt Ion: 93 Resp: 543642
Ion Ratio Lower Upper
93 100
66 76.9 32.5 48.7#
65 44.5 16.4 24.6#





#7
Phenol-d6
Concen: 110.538 ng
RT: 6.498 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

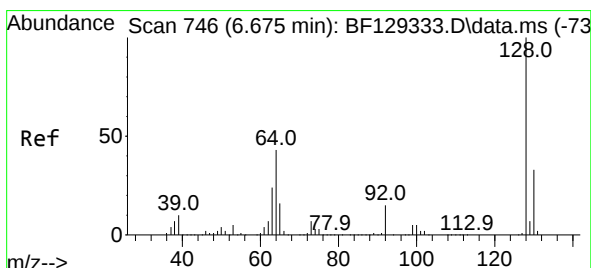
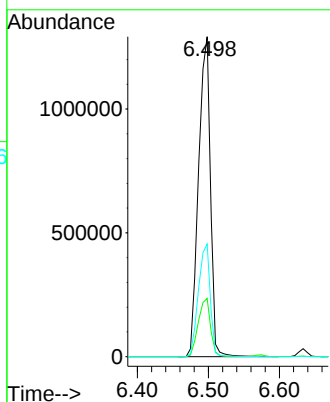
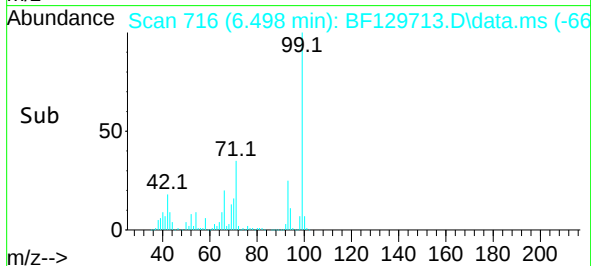
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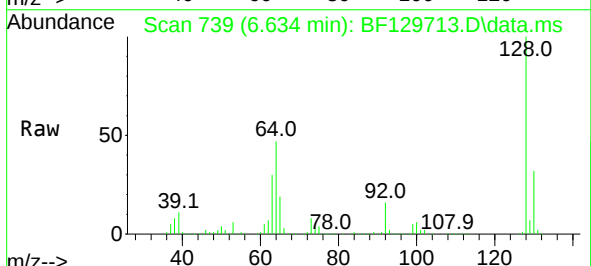
Tgt Ion: 99 Resp: 1502200
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 35.2 28.9 43.3

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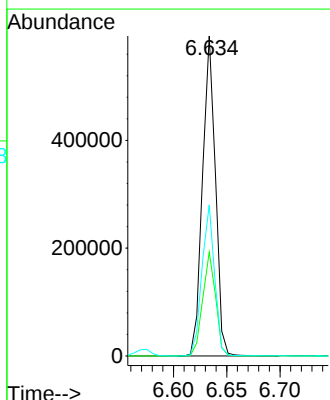
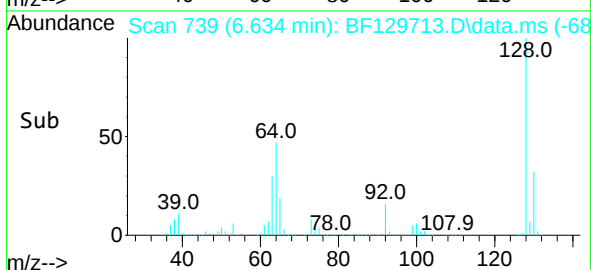
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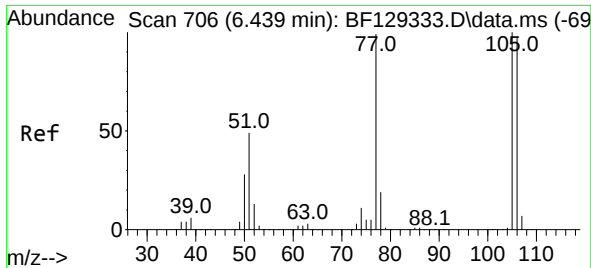


#8
2-Chlorophenol
Concen: 42.463 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion:128 Resp: 501580
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 47.2 30.9 70.9





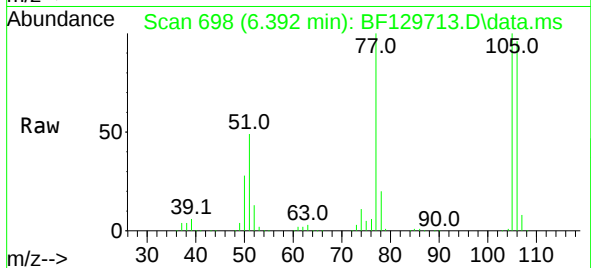
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Benzaldehyde
Concen: 26.048 ng
RT: 6.392 min Scan# 698
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

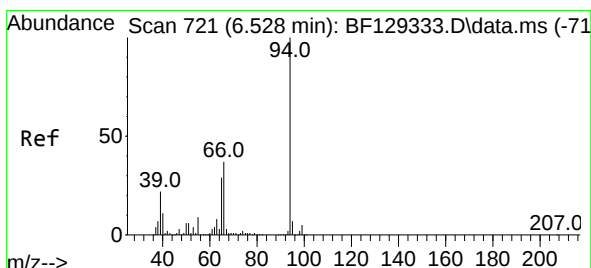
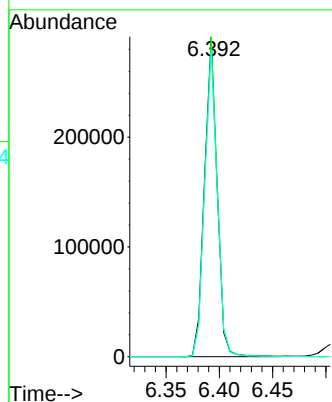
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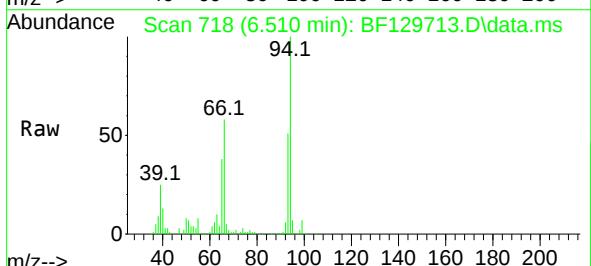
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Ion Ratio Lower Upper
77 100
105 100.1 81.6 121.6
106 95.8 76.1 116.1

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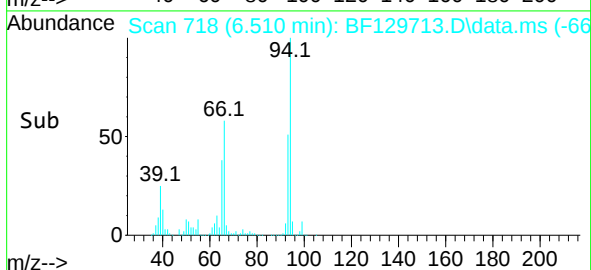
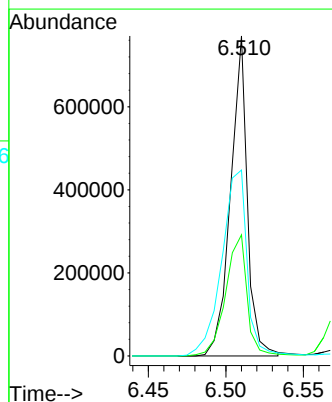
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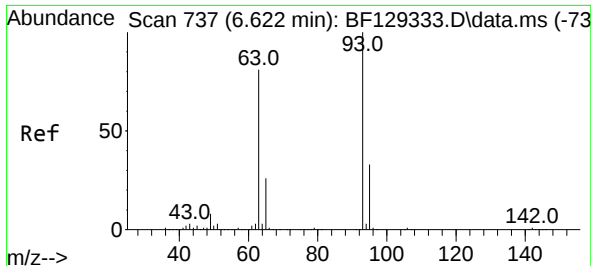


#10
Phenol
Concen: 40.183 ng m
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion: 94 Resp: 581527
Ion Ratio Lower Upper
94 100
65 37.8 11.4 51.4
66 58.1 21.4 61.4





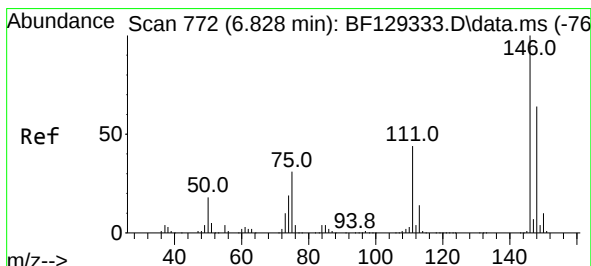
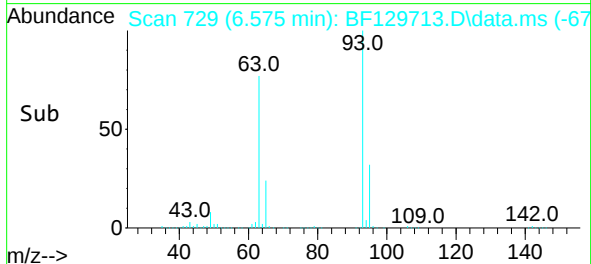
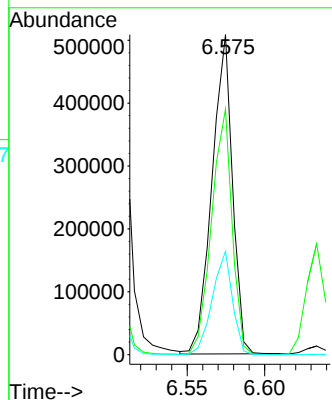
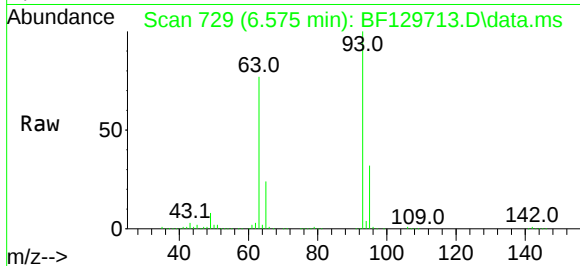
#11
bis(2-Chloroethyl)ether
Concen: 40.577 ng
RT: 6.575 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :
BNA_F
ClientSampleId :
PB146612BS

Tgt Ion: 93 Resp: 465711
Ion Ratio Lower Upper
93 100
63 76.7 67.4 107.4
95 32.4 12.7 52.7

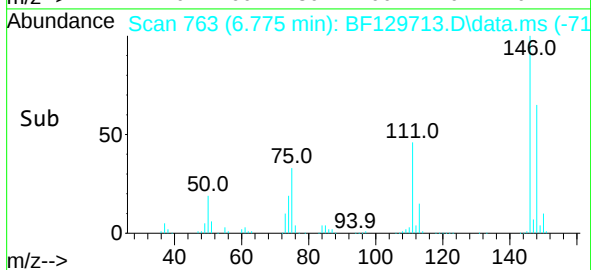
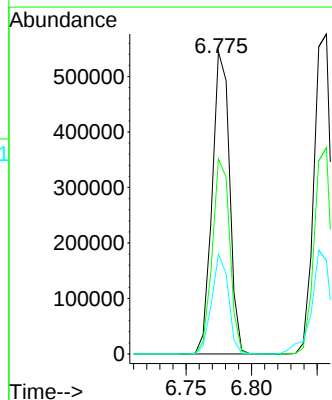
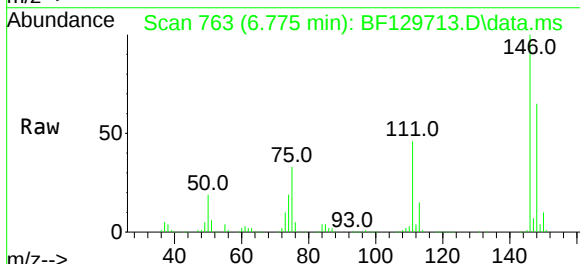
Manual Integrations
APPROVED

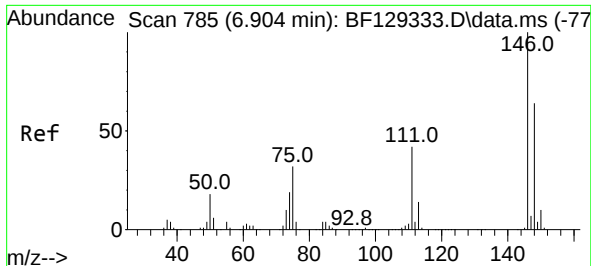
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#12
1,3-Dichlorobenzene
Concen: 39.727 ng
RT: 6.775 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

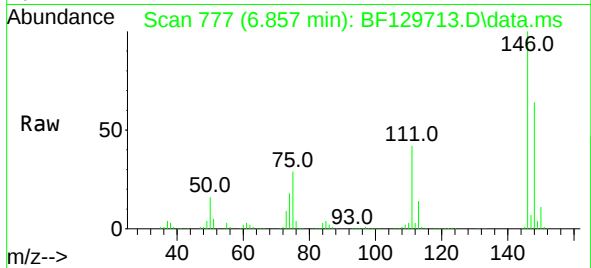
Tgt Ion:146 Resp: 503285
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 33.0 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 40.090 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

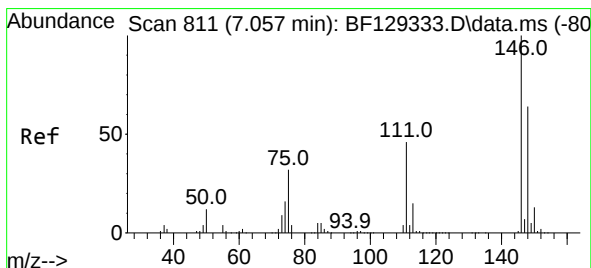
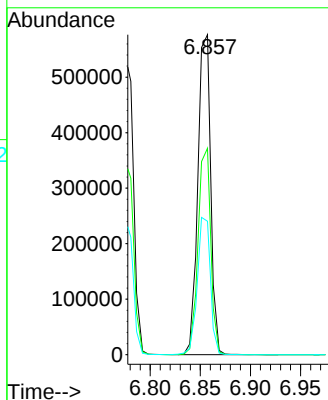
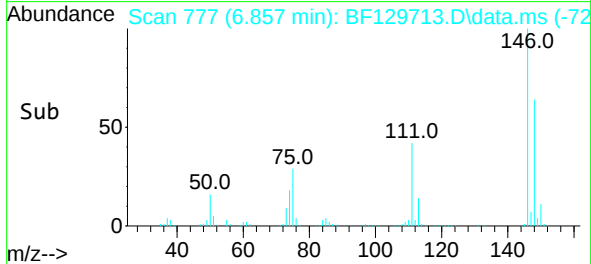
Instrument :
BNA_F
ClientSampleId :
PB146612BS



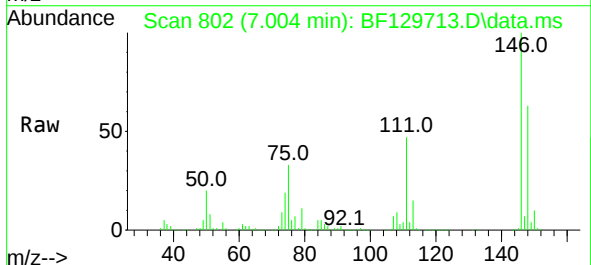
Tgt Ion:146 Resp: 516528
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 41.7 34.2 51.4

Manual Integrations
APPROVED

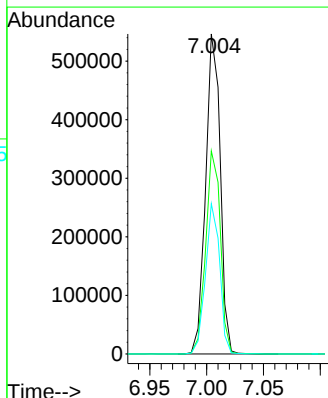
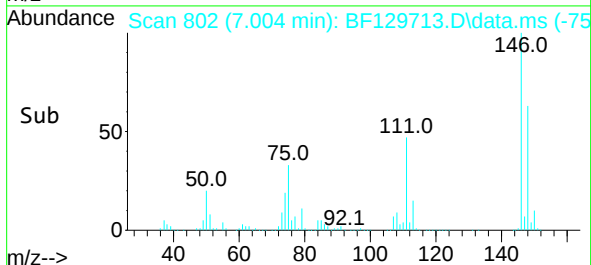
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

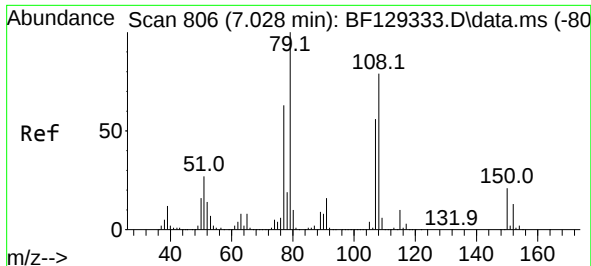


#14
1,2-Dichlorobenzene
Concen: 41.194 ng
RT: 7.004 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



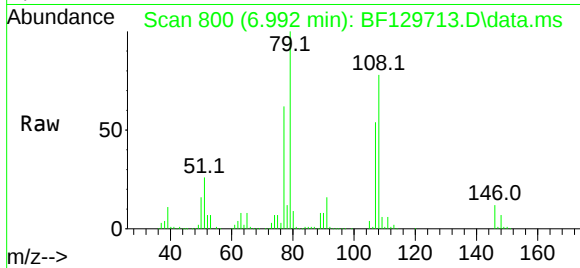
Tgt Ion:146 Resp: 487845
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 46.9 35.1 52.7





#15
Benzyl Alcohol
Concen: 42.087 ng
RT: 6.992 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

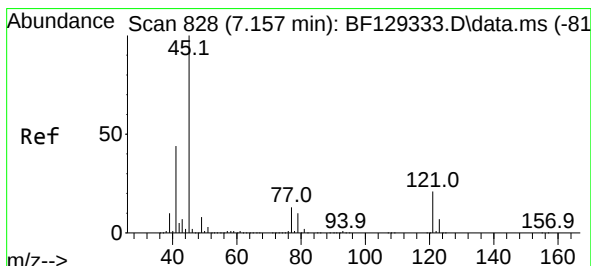
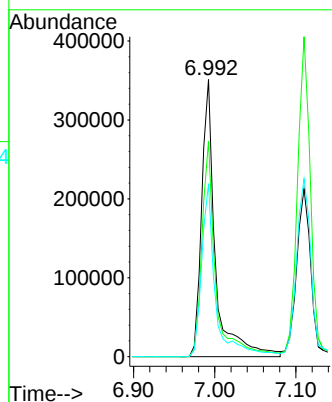
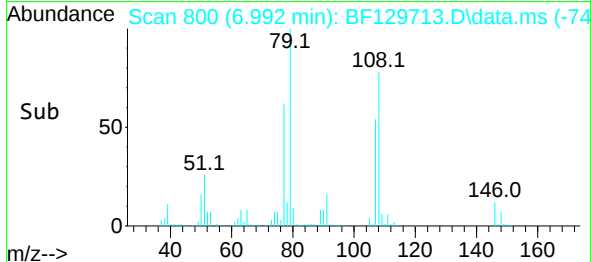
Instrument :
BNA_F
ClientSampleId :
PB146612BS



Tgt Ion: 79 Resp: 414814
Ion Ratio Lower Upper
79 100
108 77.8 61.8 92.6
77 62.4 50.2 75.4

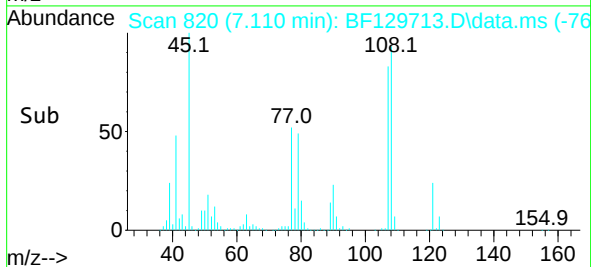
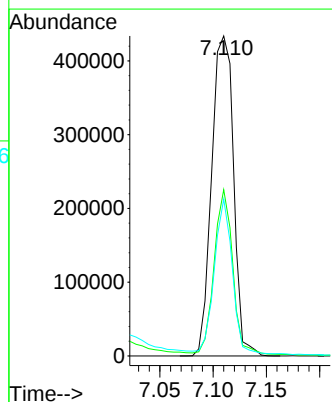
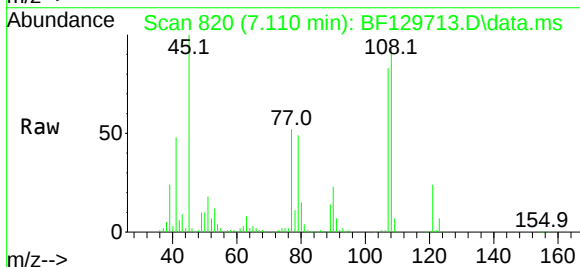
Manual Integrations
APPROVED

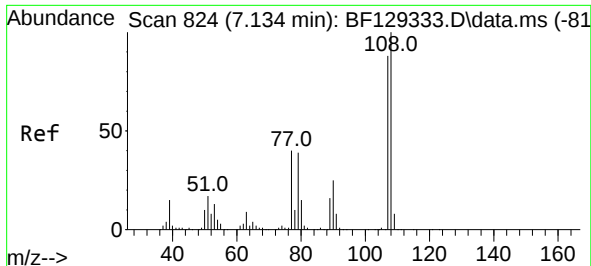
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.888 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion: 45 Resp: 619138
Ion Ratio Lower Upper
45 100
77 52.0 0.0 31.3#
79 49.0 0.0 28.3#





#17

2-Methylphenol

Concen: 41.387 ng

RT: 7.110 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129713.D

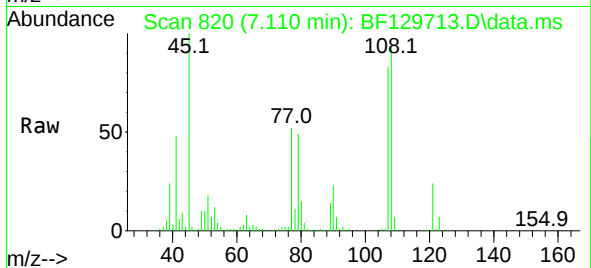
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS



Tgt Ion:107 Resp: 40556

Ion Ratio Lower Upper

107 100

108 113.2 91.9 137.9

77 62.9 37.8 56.8

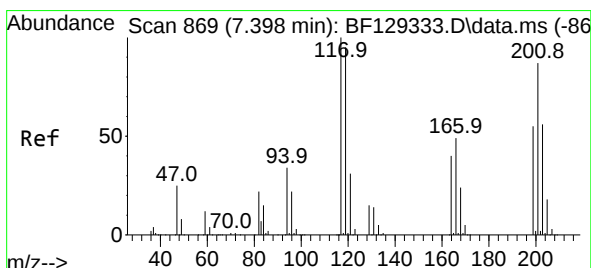
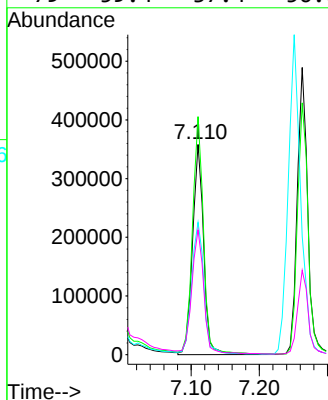
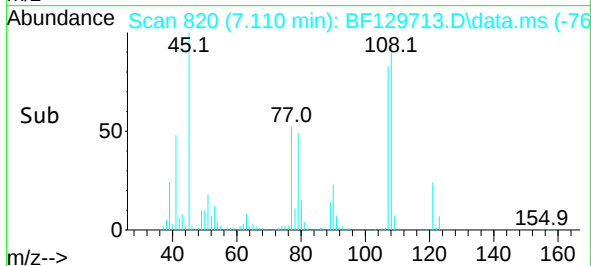
79 59.4 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#18

Hexachloroethane

Concen: 40.770 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

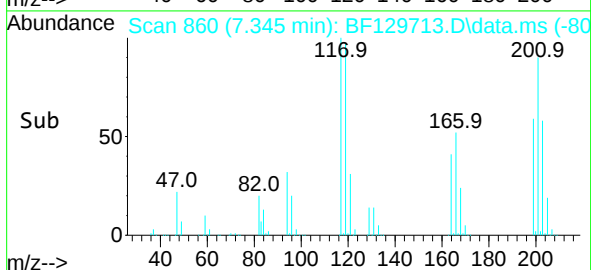
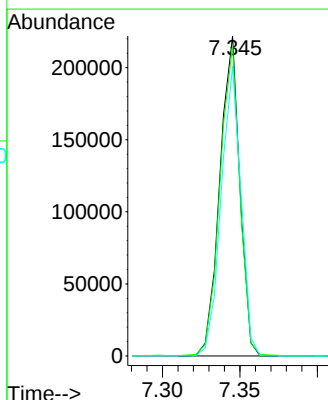
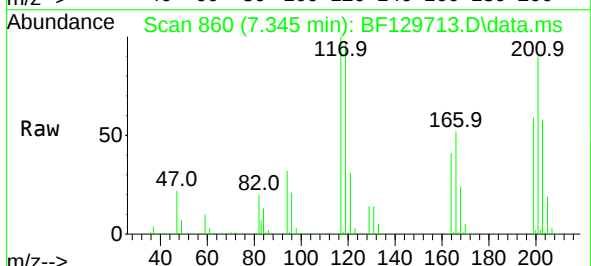
Tgt Ion:117 Resp: 197790

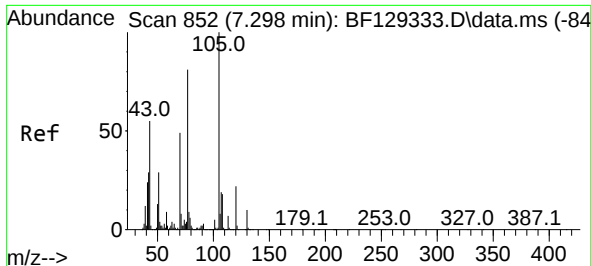
Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.2

201 90.5 84.6 127.0





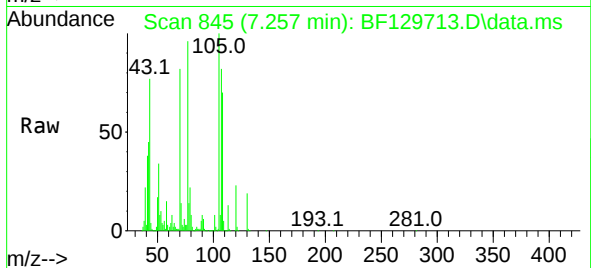
#19
n-Nitroso-di-n-propylamine
Concen: 42.654 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

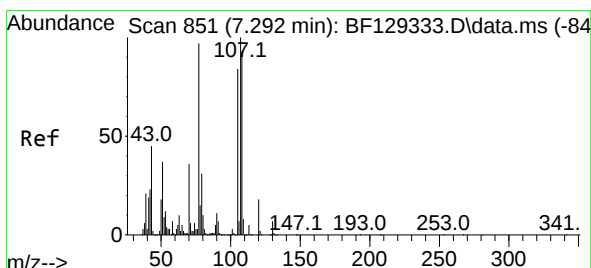
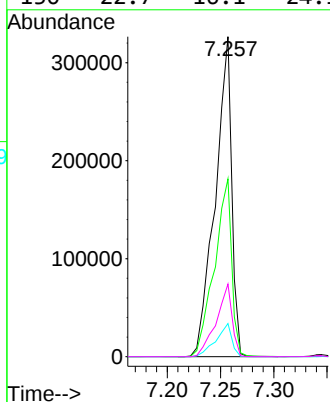
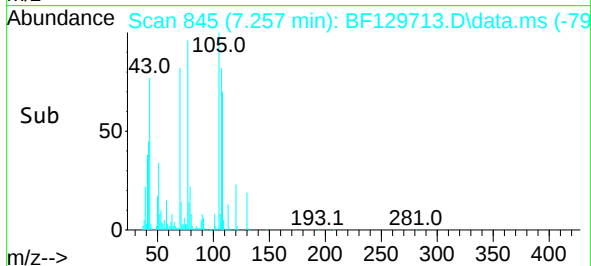


Tgt Ion: 70 Resp: 350928
Ion Ratio Lower Upper
70 100
42 55.5 52.3 78.5
101 10.3 7.5 11.3
130 22.7 16.1 24.1

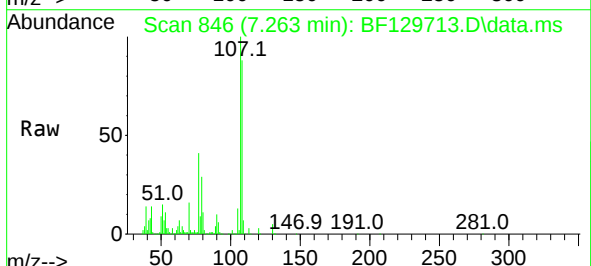
Manual Integrations

APPROVED

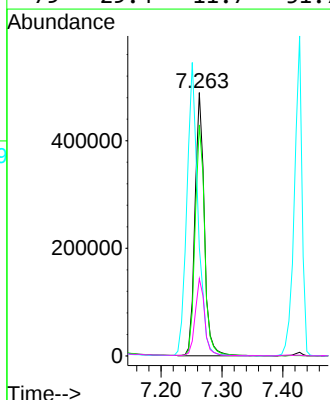
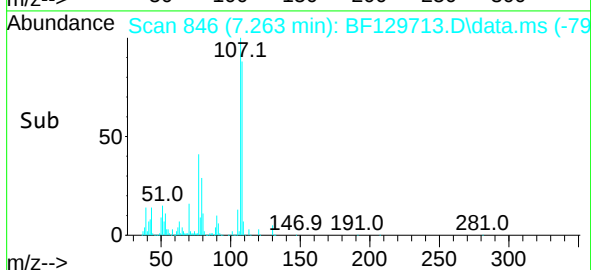
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#20
3+4-Methylphenols
Concen: 41.777 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion:107 Resp: 520524
Ion Ratio Lower Upper
107 100
108 87.7 71.8 111.8
77 41.2 59.3 99.3#
79 29.4 11.7 51.7





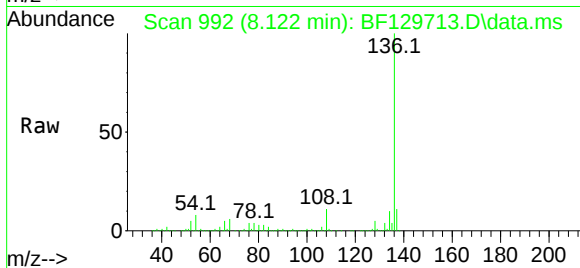
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

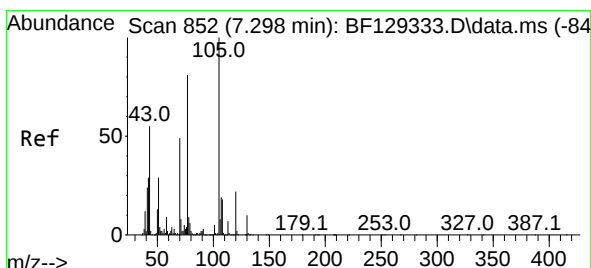
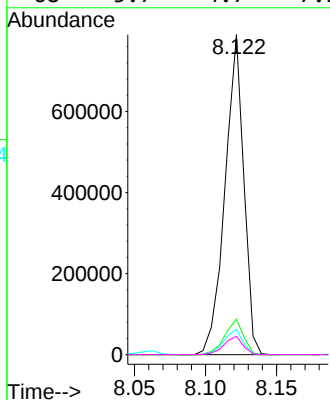
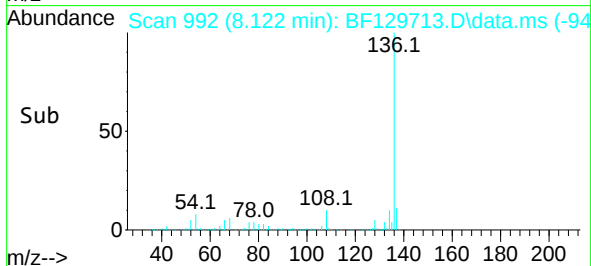
PB146612BS



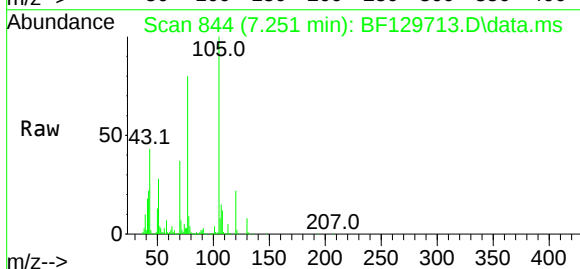
Tgt Ion:136 Resp: 72592
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 7.5 11.3
68 5.7 4.7 7.1

Manual Integrations
APPROVED

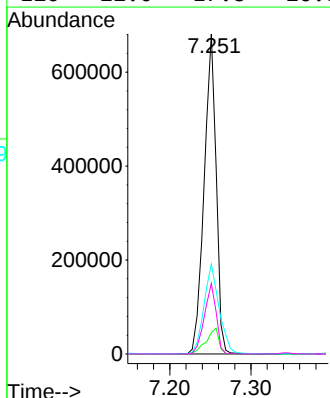
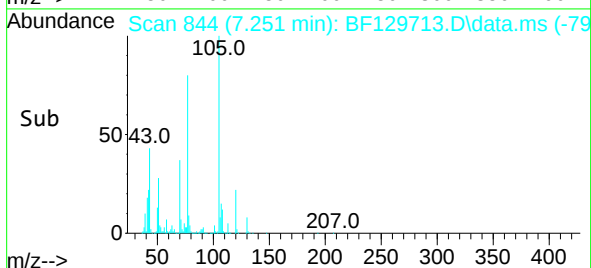
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#22
Acetophenone
Concen: 41.291 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion:105 Resp: 697852
Ion Ratio Lower Upper
105 100
71 6.6 5.0 7.4
51 28.1 25.0 37.4
120 22.0 17.8 26.8





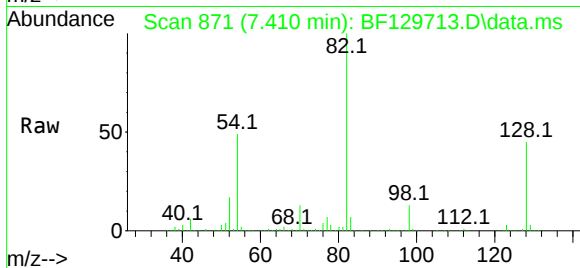
#23
Nitrobenzene-d5
Concen: 74.095 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

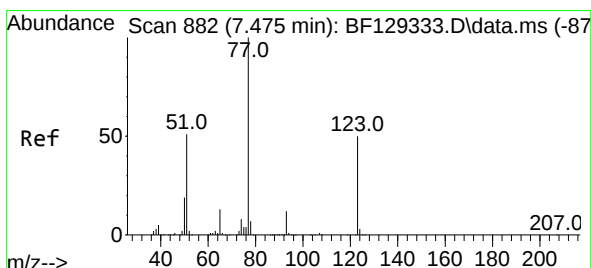
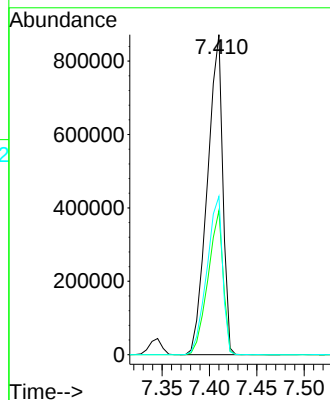
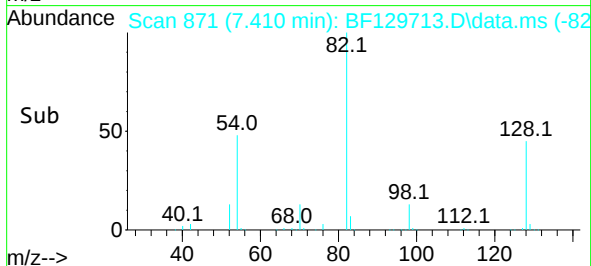


Tgt Ion: 82 Resp: 98532
Ion Ratio Lower Upper
82 100
128 45.0 34.0 51.0
54 49.5 46.9 70.3

Manual Integrations

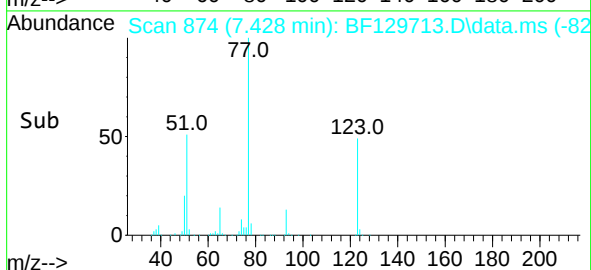
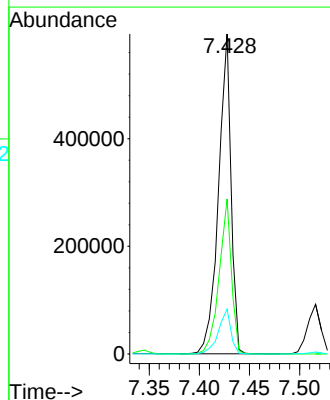
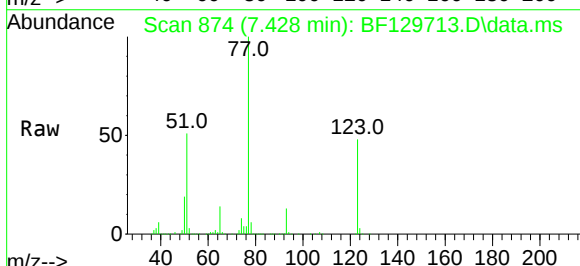
APPROVED

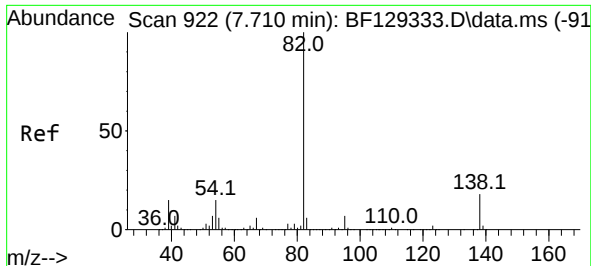
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#24
Nitrobenzene
Concen: 37.705 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

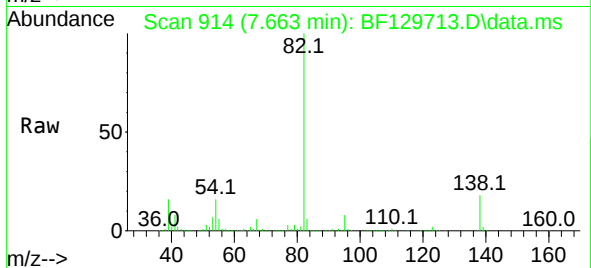
Tgt Ion: 77 Resp: 516330
Ion Ratio Lower Upper
77 100
123 48.5 35.4 53.2
65 14.0 11.8 17.8





#25
Isophorone
Concen: 40.082 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

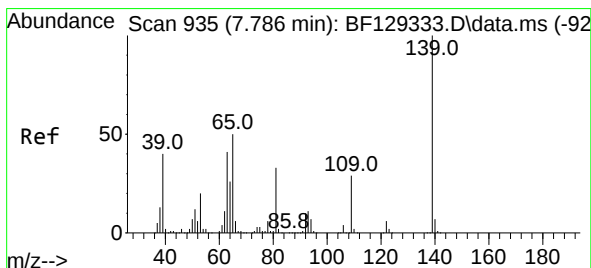
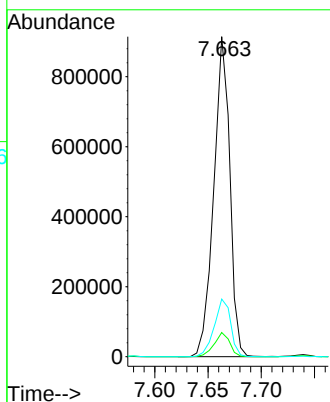
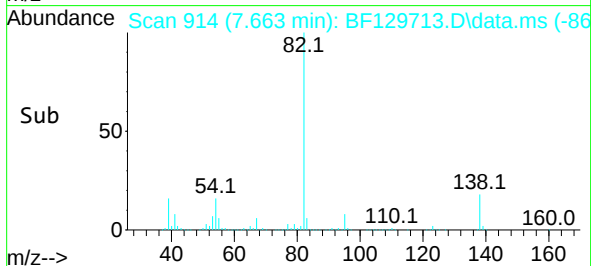
Instrument :
BNA_F
ClientSampleId :
PB146612BS



Tgt Ion: 82 Resp: 95542
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.0 14.2 21.2

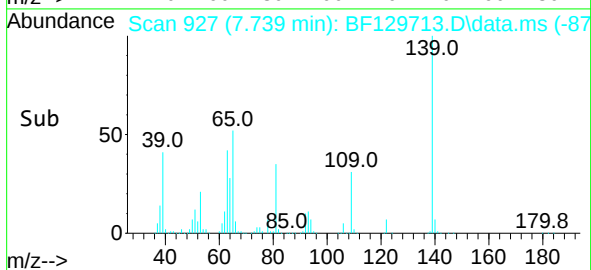
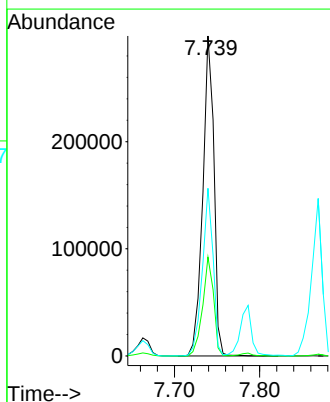
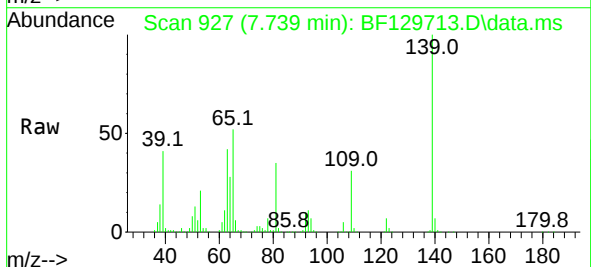
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#26
2-Nitrophenol
Concen: 40.248 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion:139 Resp: 271900
Ion Ratio Lower Upper
139 100
109 30.9 25.0 37.4
65 52.4 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 44.615 ng m
RT: 7.786 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

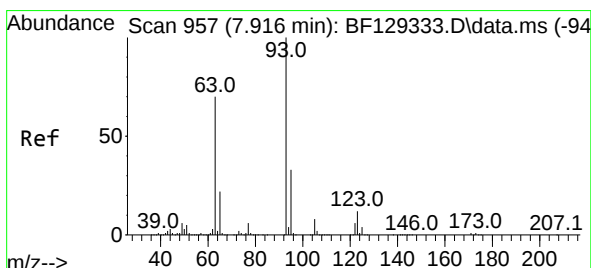
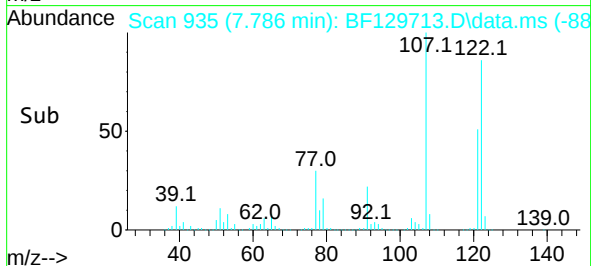
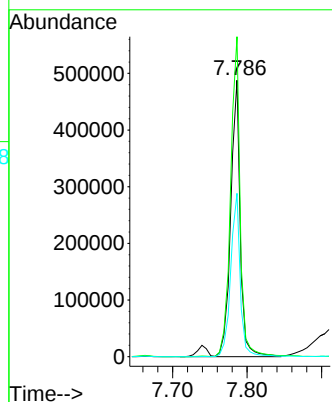
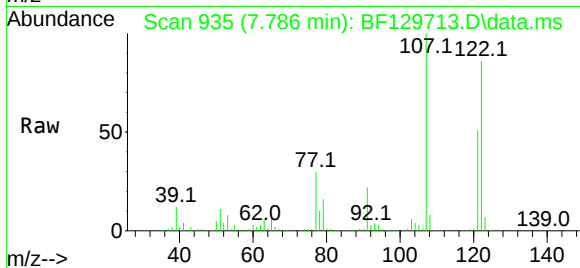
ClientSampleId :

PB146612BS

Tgt Ion:122 Resp: 45210
Ion Ratio Lower Upper
122 100
107 115.7 93.0 139.6
121 59.1 46.6 70.0

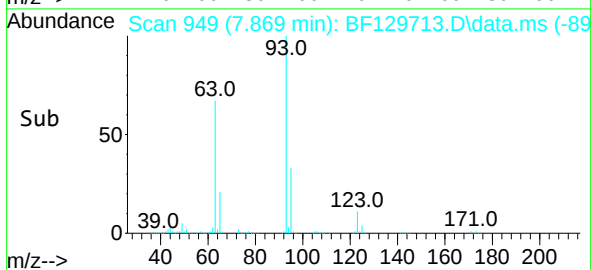
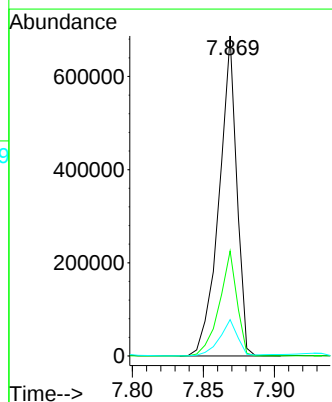
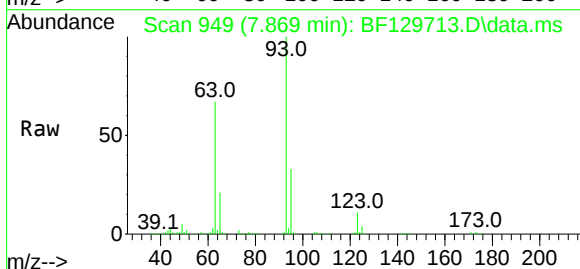
Manual Integrations
APPROVED

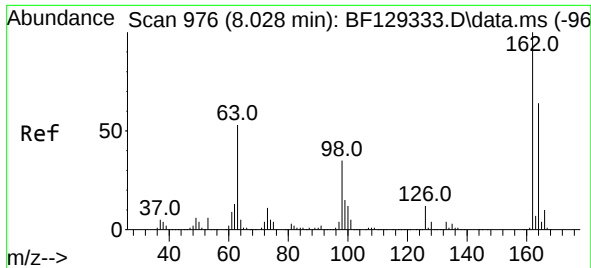
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.096 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion: 93 Resp: 595921
Ion Ratio Lower Upper
93 100
95 32.8 26.8 40.2
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.989 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129713.D

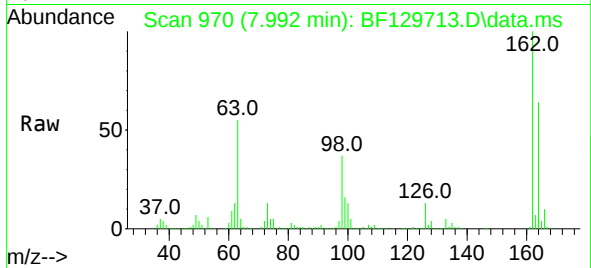
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS



Tgt Ion:162 Resp: 418240

Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

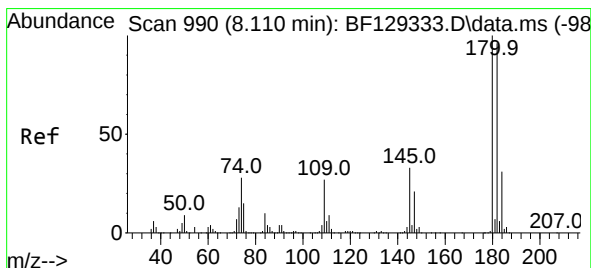
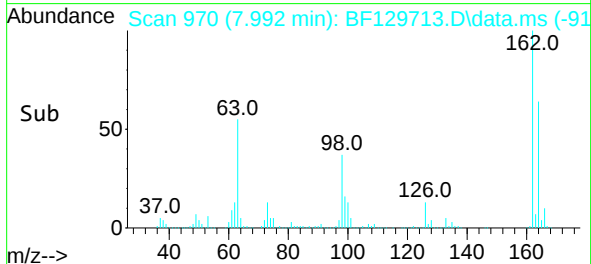
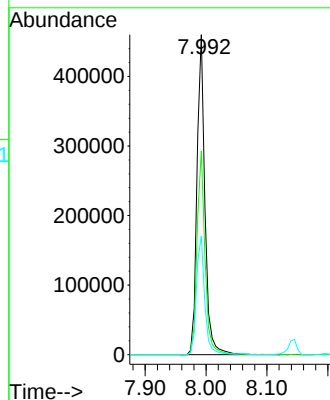
98 37.1 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.718 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

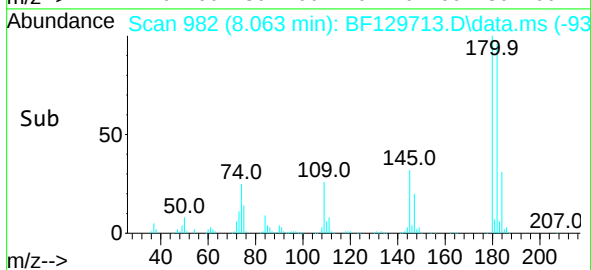
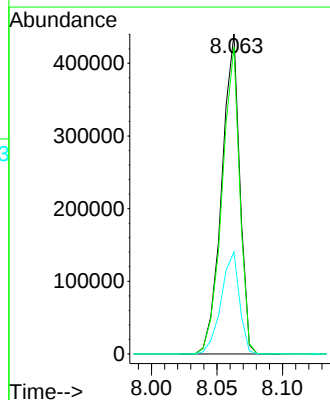
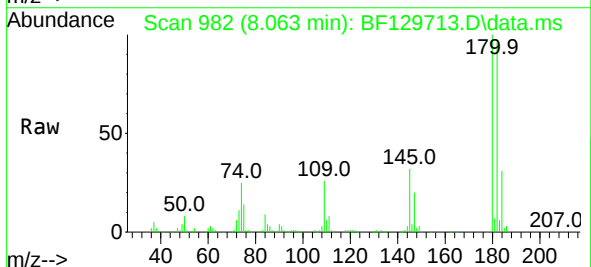
Tgt Ion:180 Resp: 419163

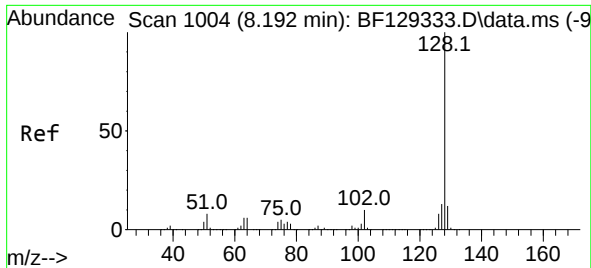
Ion Ratio Lower Upper

180 100

182 95.9 79.2 118.8

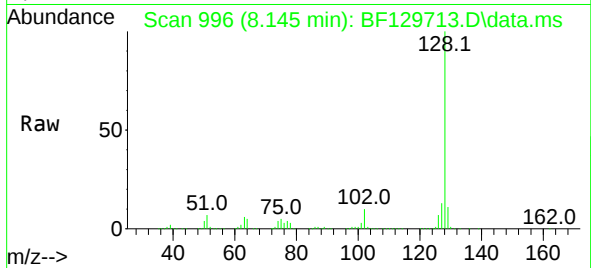
145 31.9 26.2 39.2





#31
Naphthalene
Concen: 38.442 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

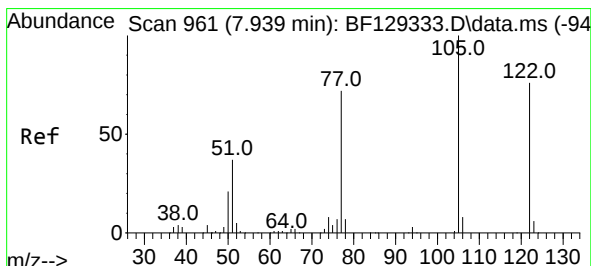
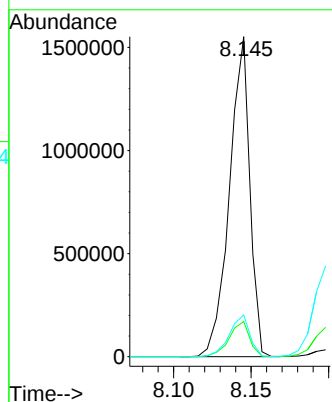
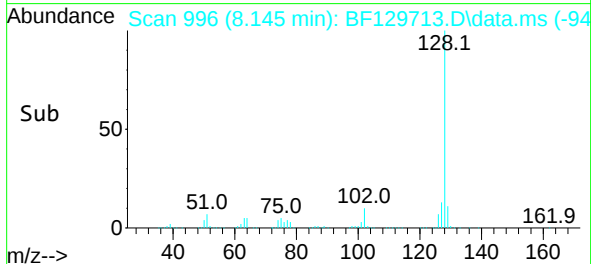
Instrument :
BNA_F
ClientSampleId :
PB146612BS



Tgt Ion:128 Resp: 1417794
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.1 10.5 15.7

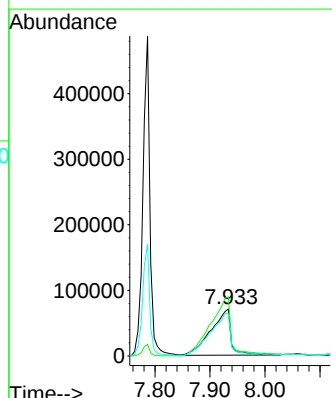
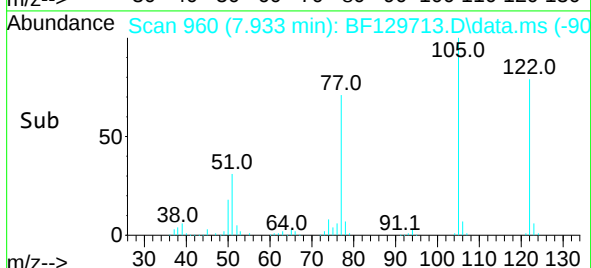
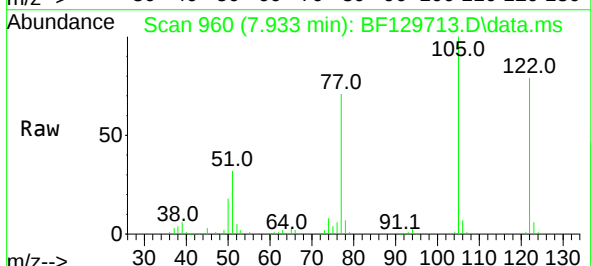
Manual Integrations
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Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#32
Benzoic acid
Concen: 24.947 ng
RT: 7.933 min Scan# 960
Delta R.T. 0.017 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion:122 Resp: 182755
Ion Ratio Lower Upper
122 100
105 125.8 107.1 147.1
77 89.9 74.2 114.2





#33
4-Chloroaniline
Concen: 30.341 ng
RT: 8.198 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

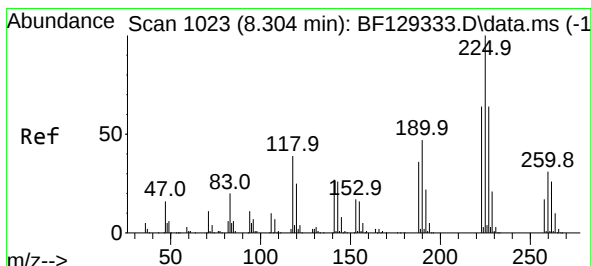
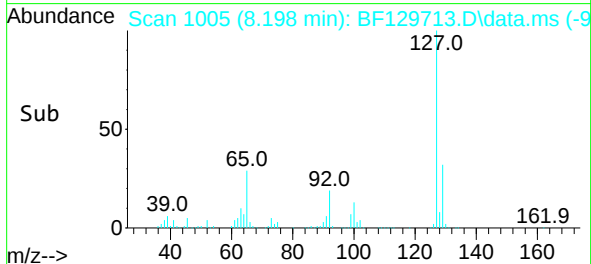
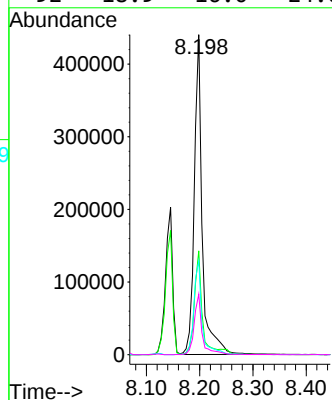
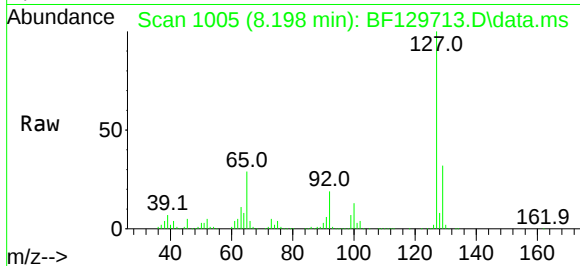
ClientSampleId :

PB146612BS

Tgt Ion:127 Resp: 45941
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 29.4 26.4 39.6
92 18.9 16.0 24.0

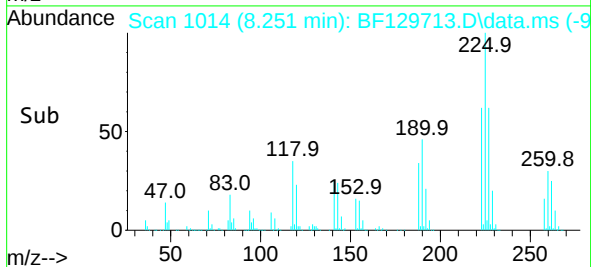
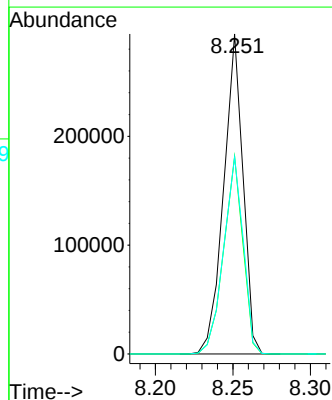
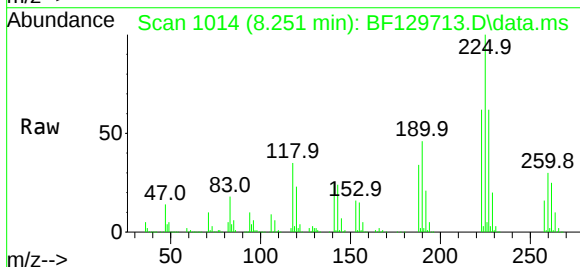
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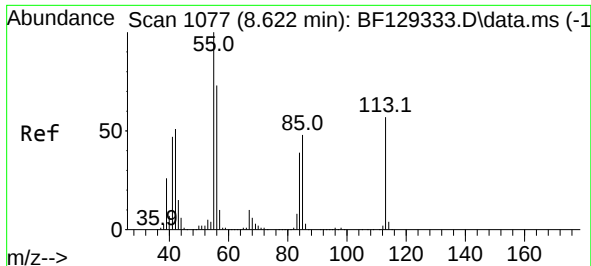
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#34
Hexachlorobutadiene
Concen: 41.386 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

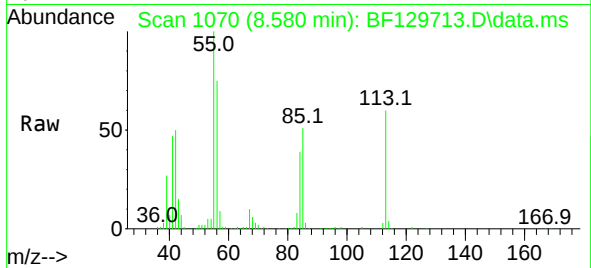
Tgt Ion:225 Resp: 254681
Ion Ratio Lower Upper
225 100
223 61.7 51.0 76.6
227 61.5 51.1 76.7





#35
 Caprolactam
 Concen: 39.784 ng m
 RT: 8.580 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: BF129713.D
 Acq: 11 Aug 2022 13:20

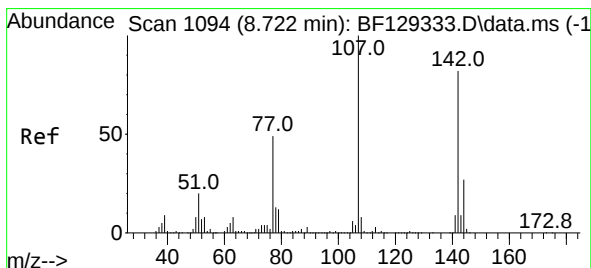
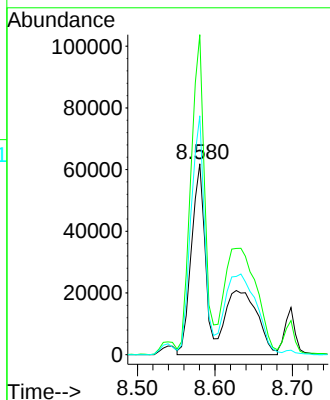
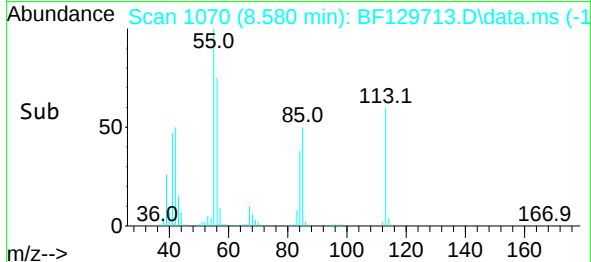
Instrument :
 BNA_F
 ClientSampleId :
 PB146612BS



Tgt Ion:113 Resp: 13528
 Ion Ratio Lower Upper
 113 100
 55 167.7 188.5 228.5
 56 125.2 130.6 170.6

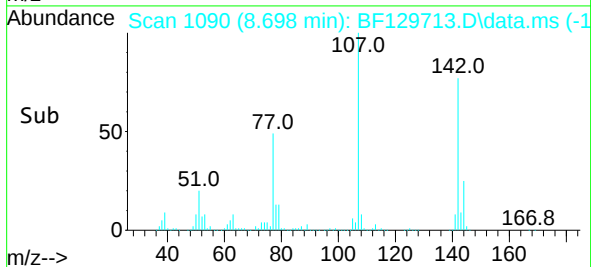
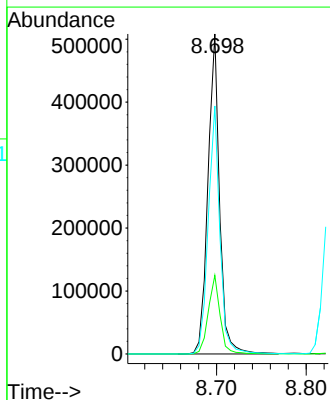
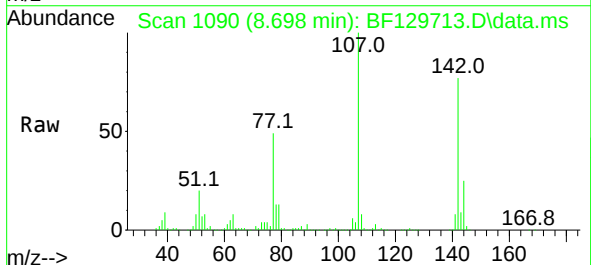
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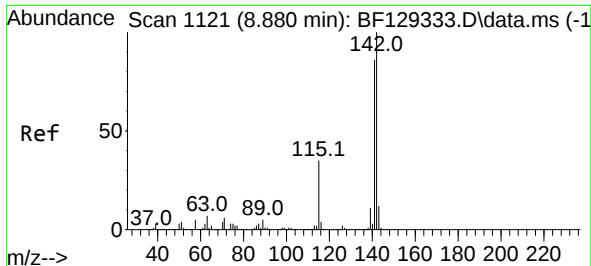
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.352 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF129713.D
 Acq: 11 Aug 2022 13:20

Tgt Ion:107 Resp: 458721
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.5 29.3
 142 77.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.458 ng

RT: 8.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

Tgt Ion:142 Resp: 945704

Ion Ratio Lower Upper

142 100

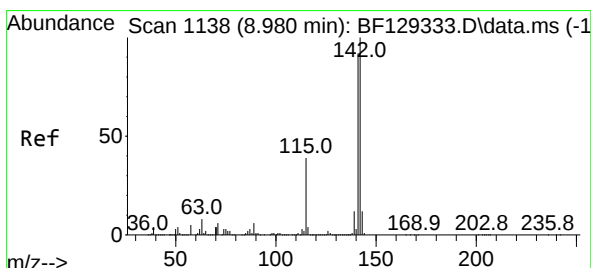
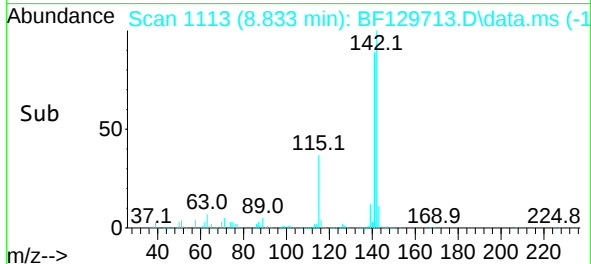
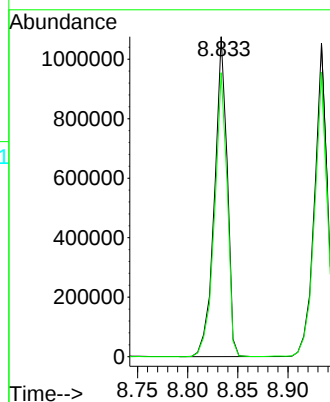
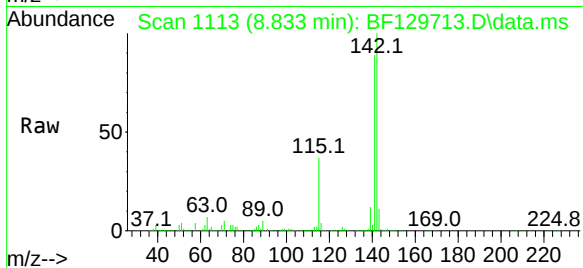
141 88.7 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#38

1-Methylnaphthalene

Concen: 38.965 ng

RT: 8.933 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BF129713.D

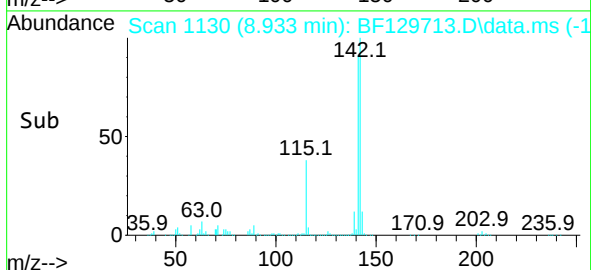
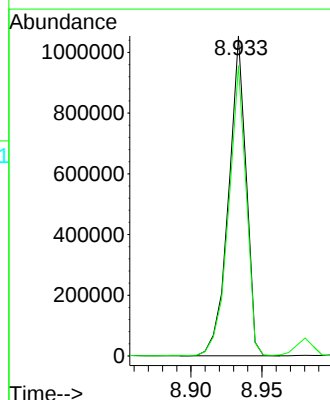
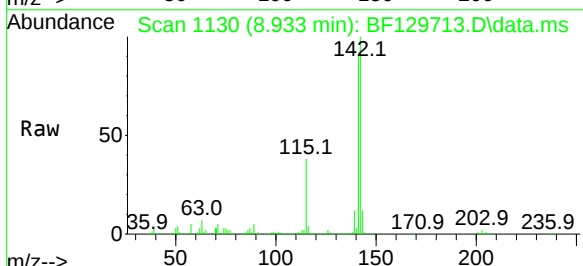
Acq: 11 Aug 2022 13:20

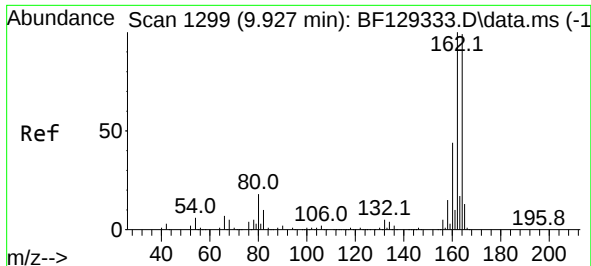
Tgt Ion:142 Resp: 901528

Ion Ratio Lower Upper

142 100

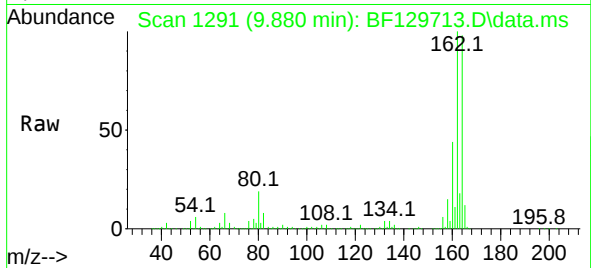
141 90.7 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

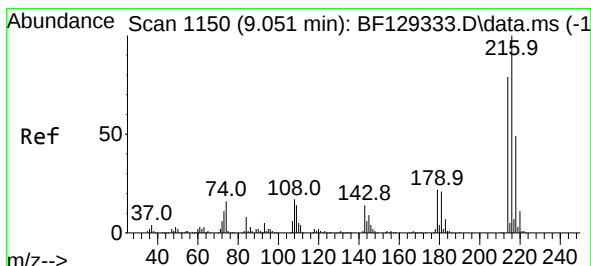
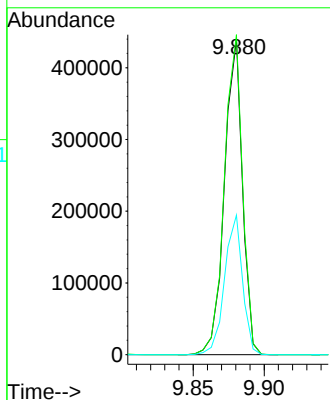
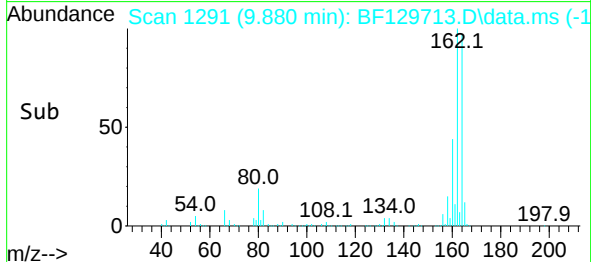
Instrument :
BNA_F
ClientSampleId :
PB146612BS



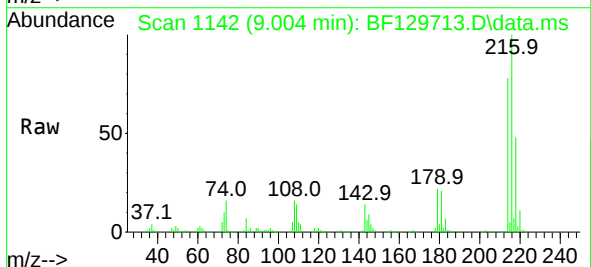
Tgt Ion:164 Resp: 386048
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.3 34.2 51.4

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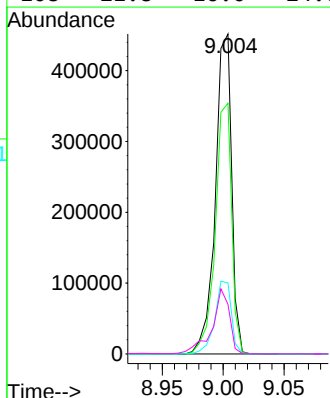
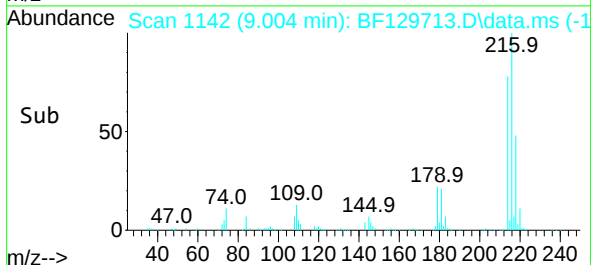
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.622 ng
RT: 9.004 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



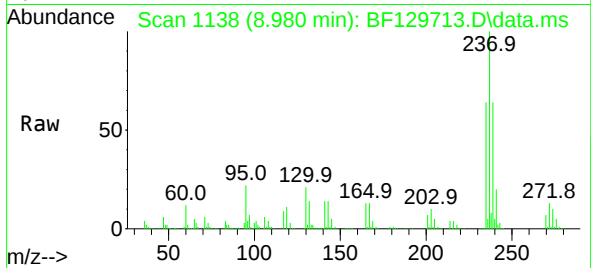
Tgt Ion:216 Resp: 421913
Ion Ratio Lower Upper
216 100
214 78.7 63.6 95.4
179 23.0 17.0 25.6
108 21.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 78.814 ng
RT: 8.980 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

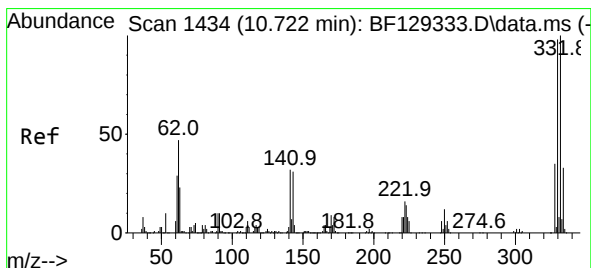
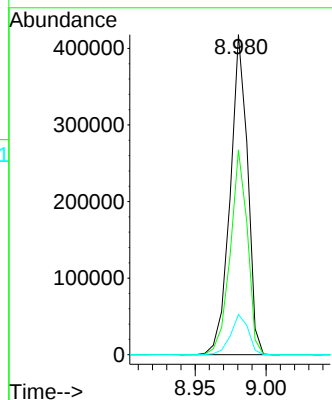
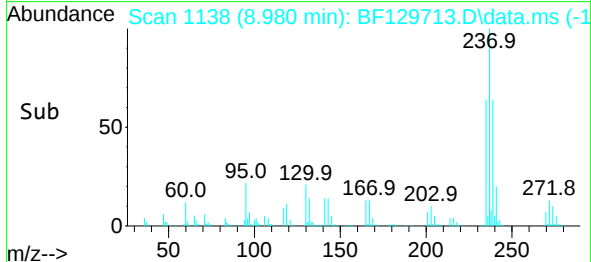
Instrument :
BNA_F
ClientSampleId :
PB146612BS



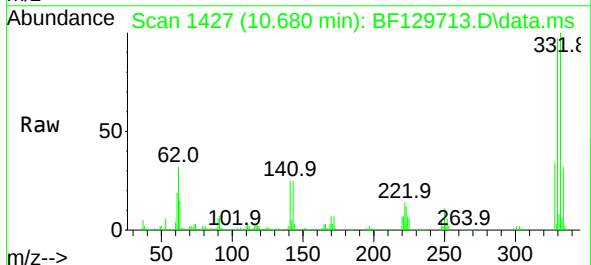
Tgt Ion:237 Resp: 35575
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 12.6 0.0 31.9

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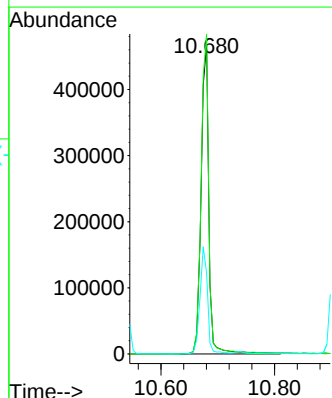
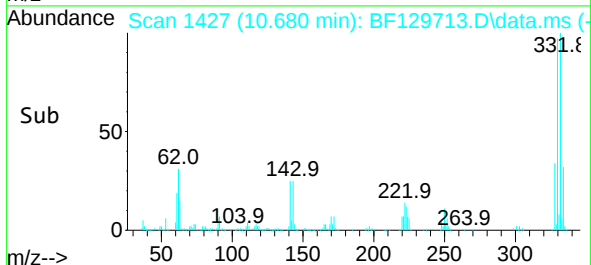
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

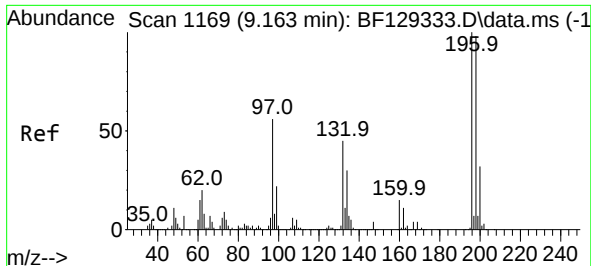


#42
2,4,6-Tribromophenol
Concen: 120.233 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



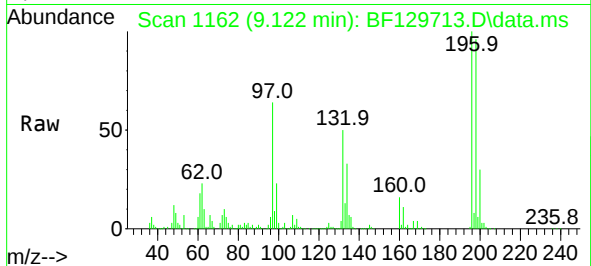
Tgt Ion:330 Resp: 446253
Ion Ratio Lower Upper
330 100
332 101.3 76.8 115.2
141 33.8 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 36.805 ng
RT: 9.122 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

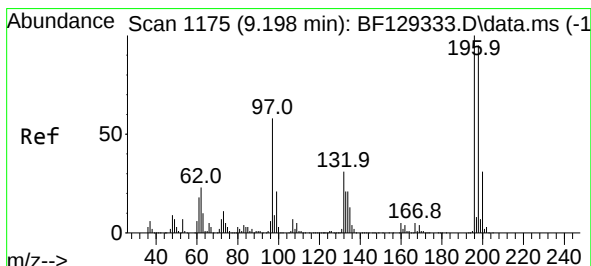
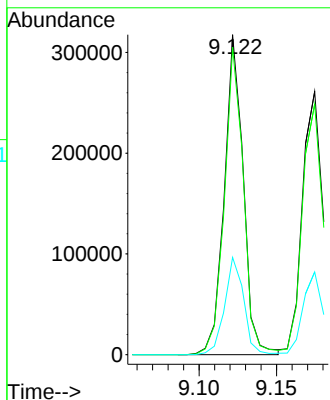
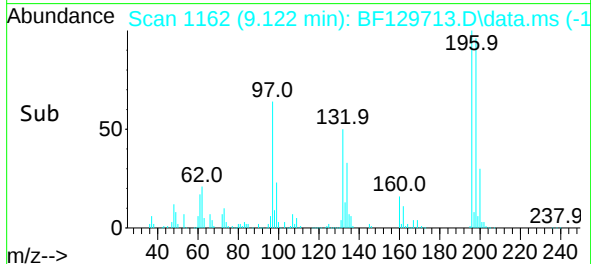
Instrument :
BNA_F
ClientSampleId :
PB146612BS



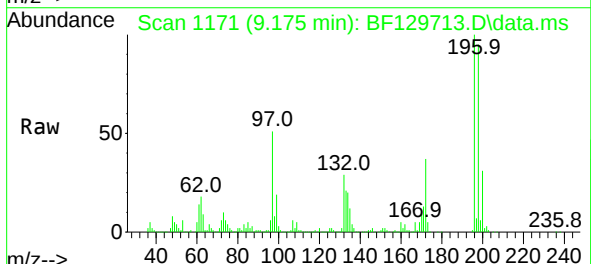
Tgt Ion:196 Resp: 270974
Ion Ratio Lower Upper
196 100
198 96.1 74.0 111.0
200 30.4 24.1 36.1

Manual Integrations
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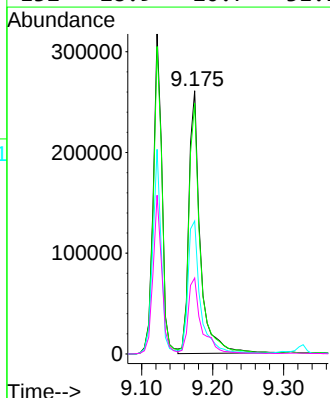
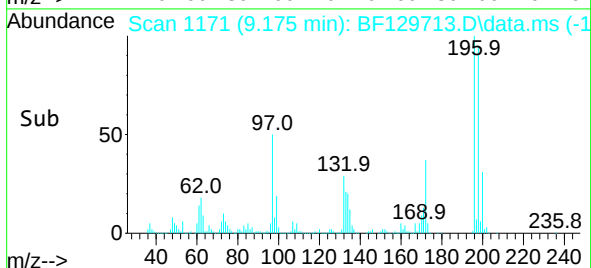
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

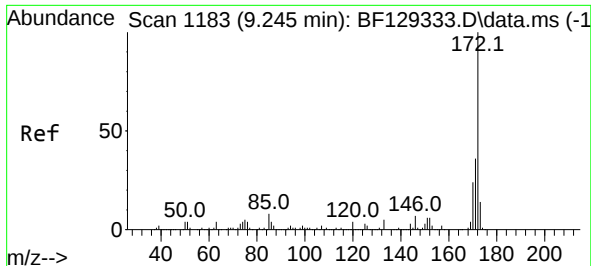


#44
2,4,5-Trichlorophenol
Concen: 36.268 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion:196 Resp: 290380
Ion Ratio Lower Upper
196 100
198 95.2 75.7 113.5
97 50.5 36.4 54.6
132 28.9 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 74.558 ng
RT: 9.198 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

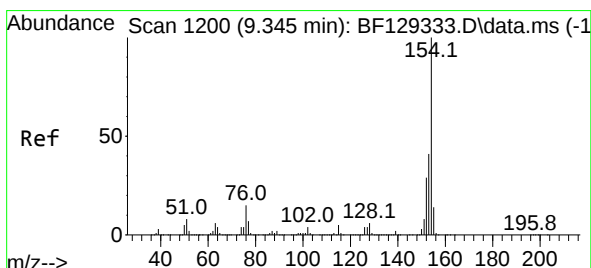
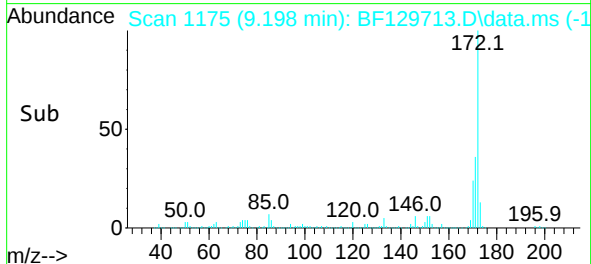
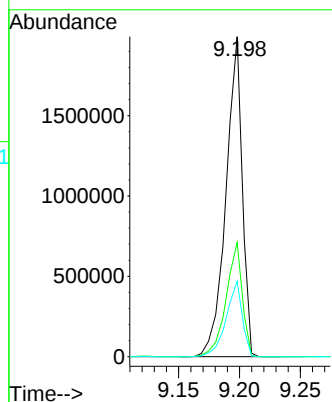
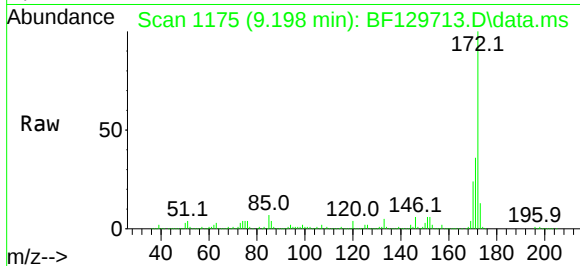
ClientSampleId :

PB146612BS

Tgt Ion:172 Resp: 1860629
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.8 29.8

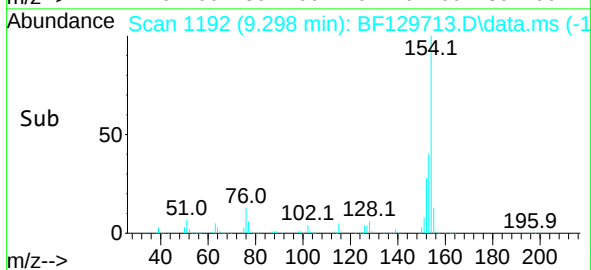
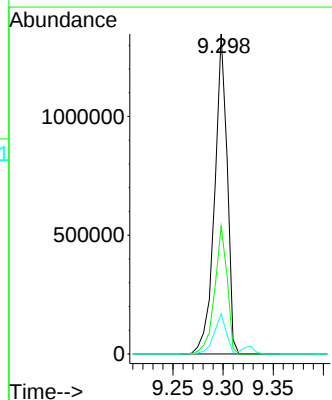
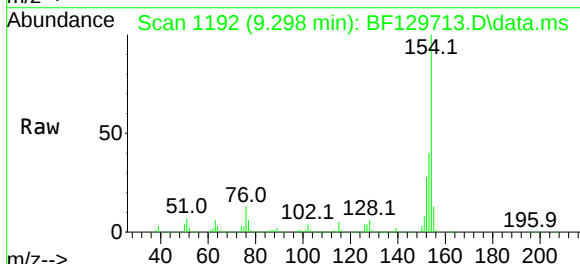
Manual Integrations
APPROVED

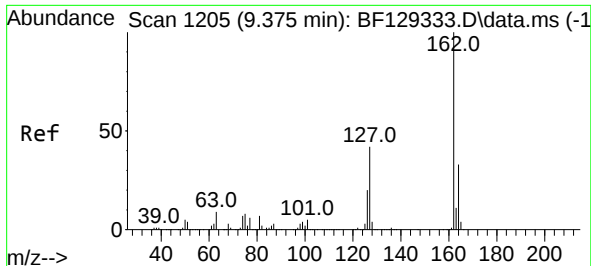
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#46
1,1'-Biphenyl
Concen: 41.410 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion:154 Resp: 1166661
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 12.6 0.0 33.3





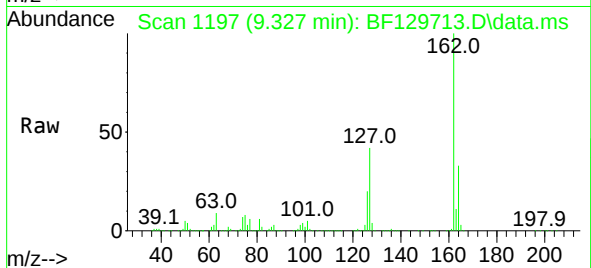
#47
2-Chloronaphthalene
Concen: 39.420 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

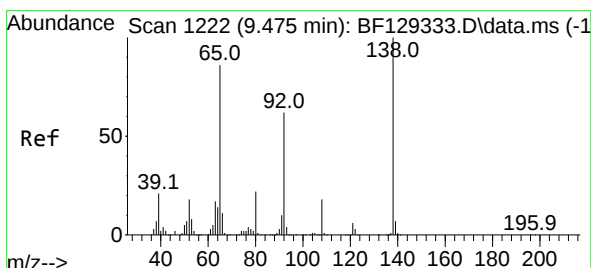
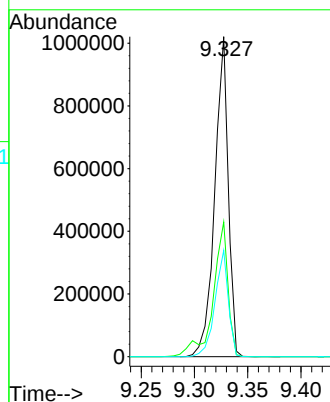
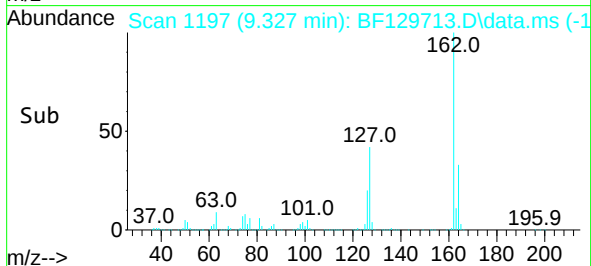


Tgt Ion:162 Resp: 897825
Ion Ratio Lower Upper
162 100
127 42.1 34.5 51.7
164 33.2 26.5 39.7

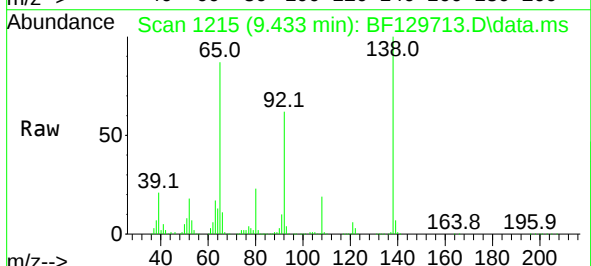
Manual Integrations

APPROVED

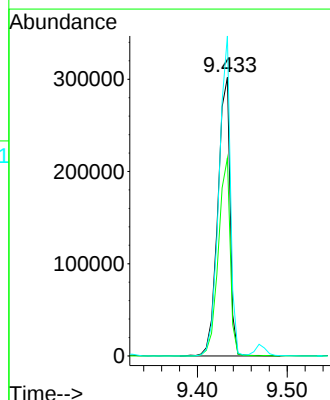
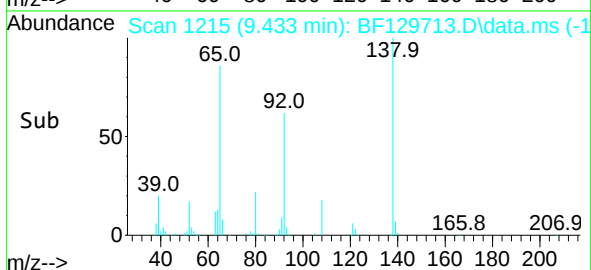
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

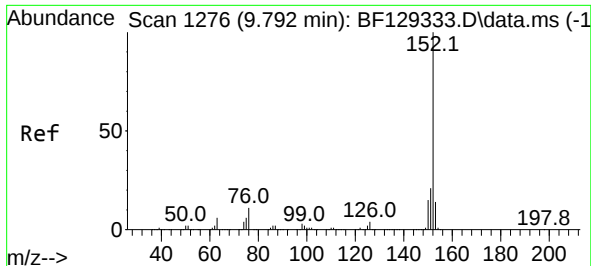


#48
2-Nitroaniline
Concen: 37.782 ng
RT: 9.433 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion: 65 Resp: 286142
Ion Ratio Lower Upper
65 100
92 71.1 51.9 77.9
138 114.9 76.4 114.6#





#49

Acenaphthylene

Concen: 38.972 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

Tgt Ion:152 Resp: 1348710

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

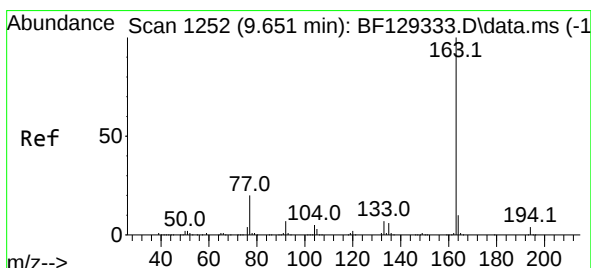
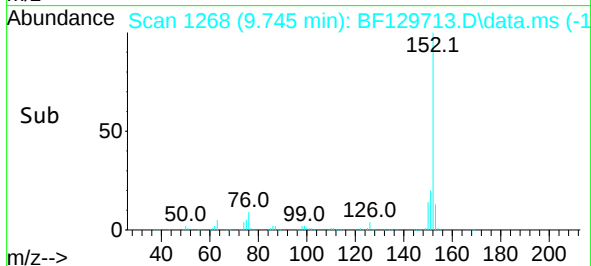
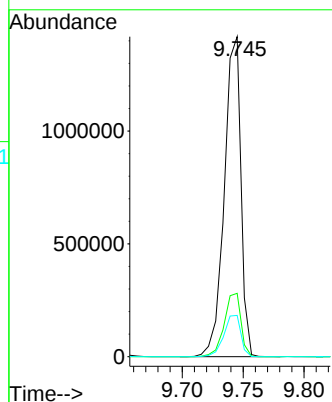
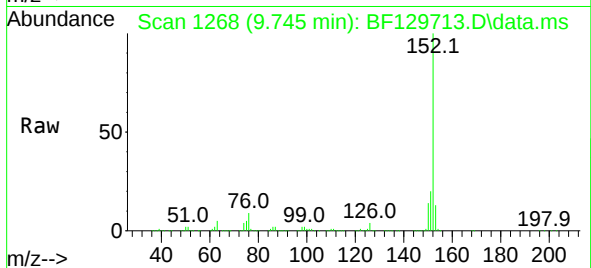
153 12.9 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#50

Dimethylphthalate

Concen: 40.436 ng

RT: 9.604 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

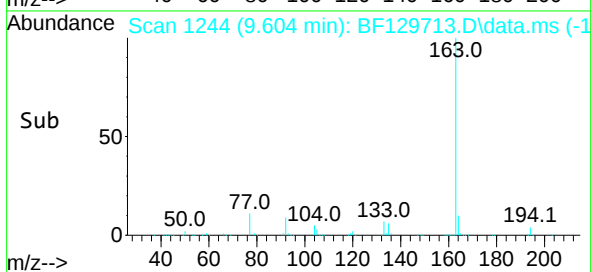
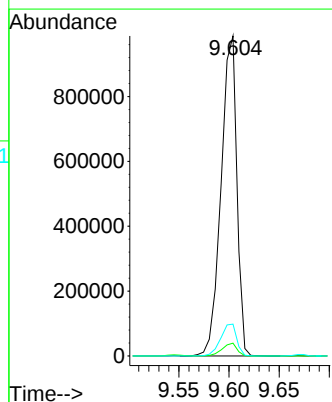
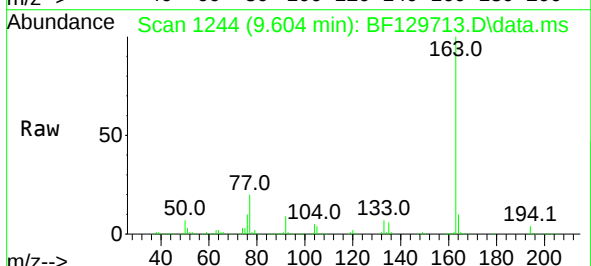
Tgt Ion:163 Resp: 1077625

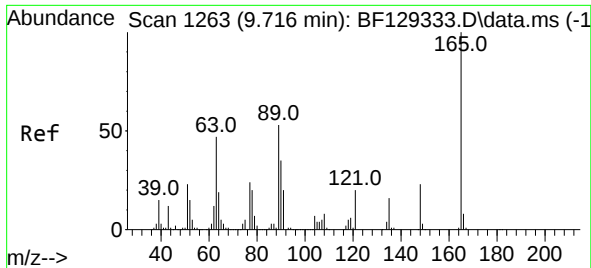
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

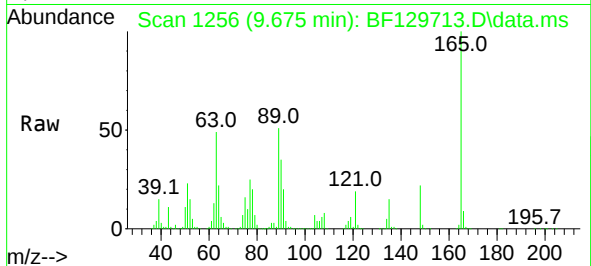
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 39.944 ng
RT: 9.675 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

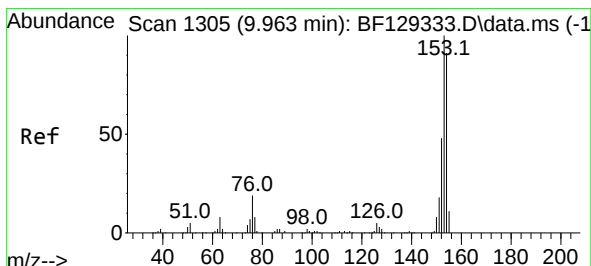
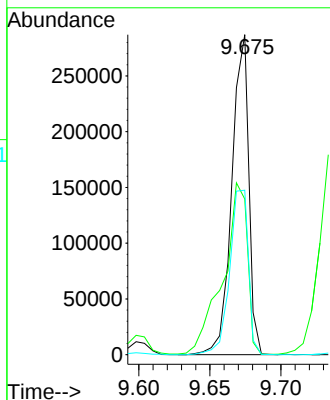
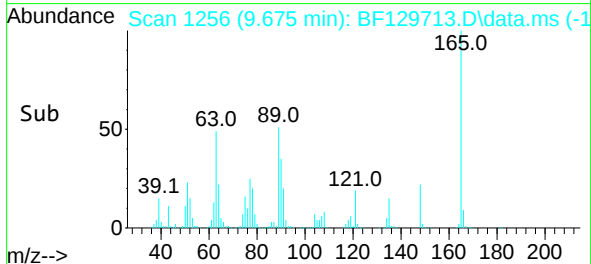
Instrument :
BNA_F
ClientSampleId :
PB146612BS



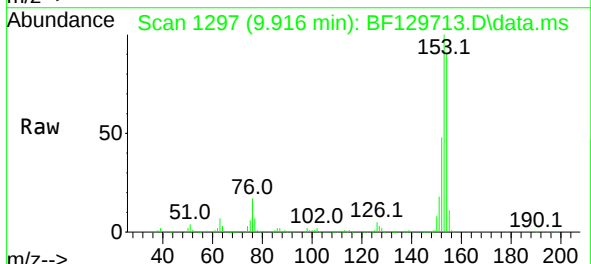
Tgt Ion:165 Resp: 238260
Ion Ratio Lower Upper
165 100
63 48.7 44.9 67.3
89 51.4 43.6 65.4

Manual Integrations
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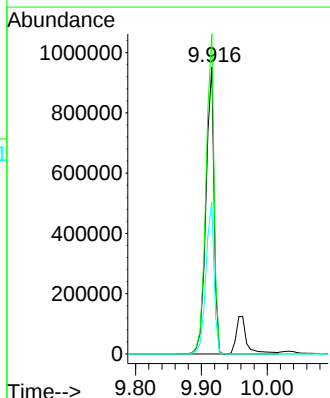
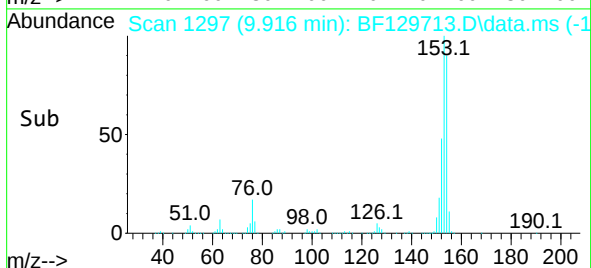
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

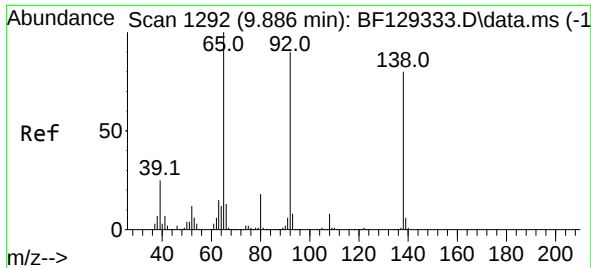


#52
Acenaphthene
Concen: 42.150 ng m
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion:154 Resp: 952750
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 53.0 42.4 63.6





#53
3-Nitroaniline
Concen: 27.717 ng
RT: 9.845 min Scan# 110
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

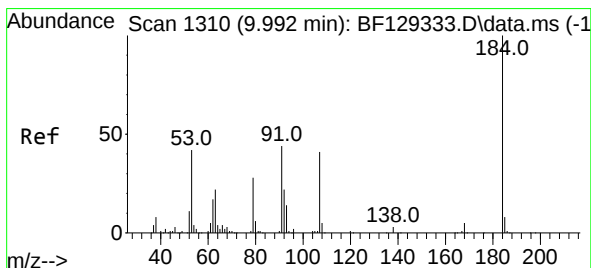
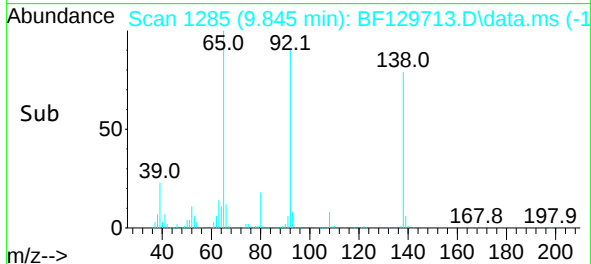
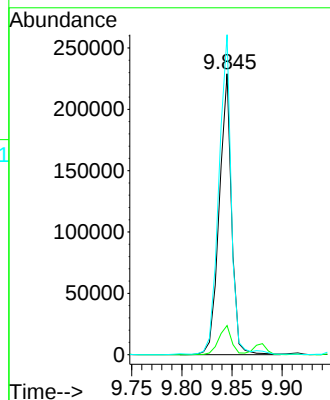
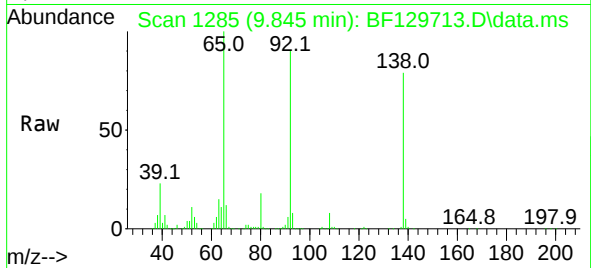
PB146612BS

Tgt Ion:138 Resp: 195227
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3#
92 113.9 98.2 147.2

Manual Integrations

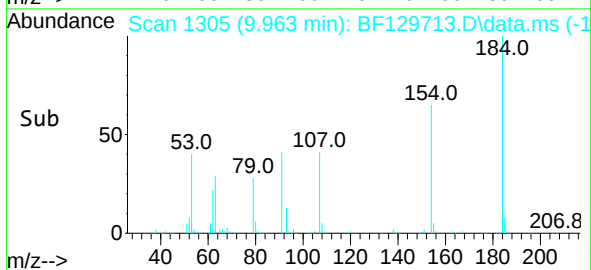
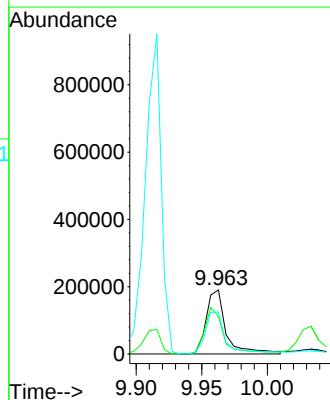
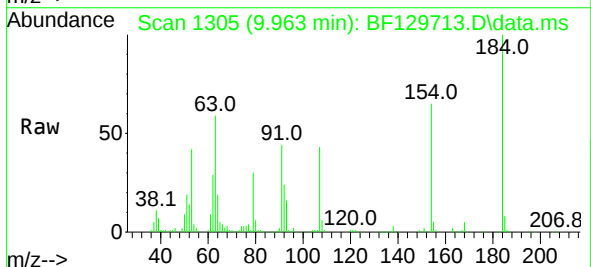
APPROVED

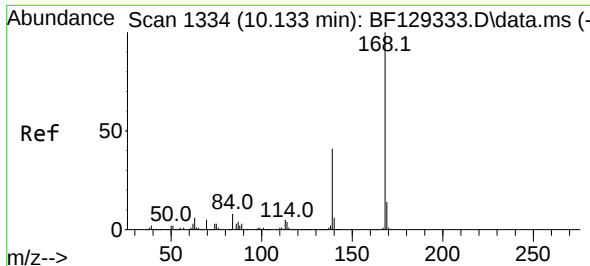
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#54
2,4-Dinitrophenol
Concen: 66.356 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion:184 Resp: 202057
Ion Ratio Lower Upper
184 100
63 58.8 64.5 96.7#
154 65.3 50.6 75.8





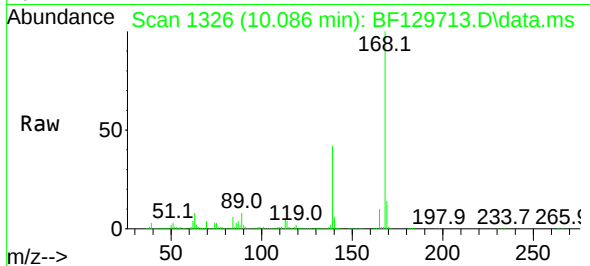
#55
Dibenzenofuran
Concen: 38.790 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

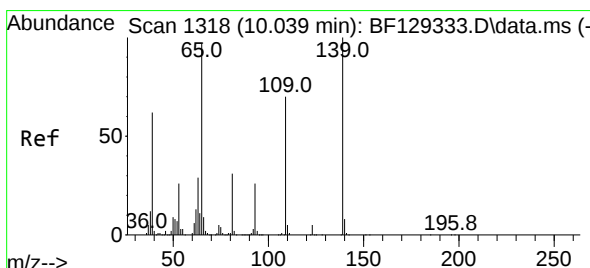
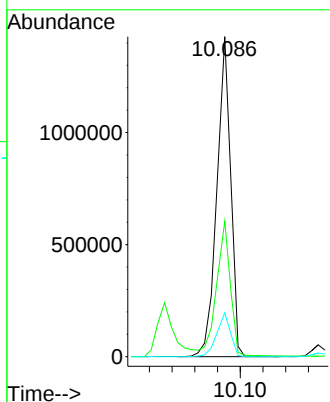
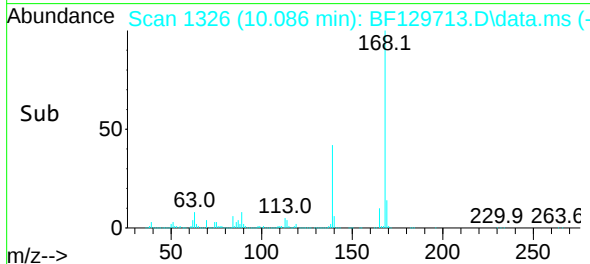


Tgt Ion:168 Resp: 1208670
Ion Ratio Lower Upper
168 100
139 42.4 30.6 46.0
169 13.7 11.0 16.6

Manual Integrations

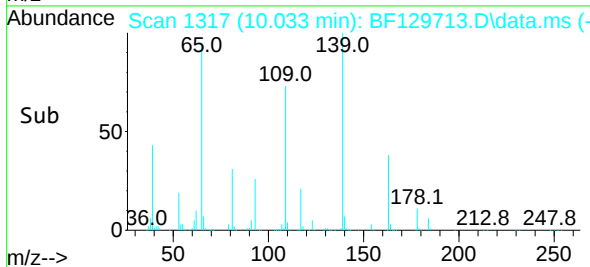
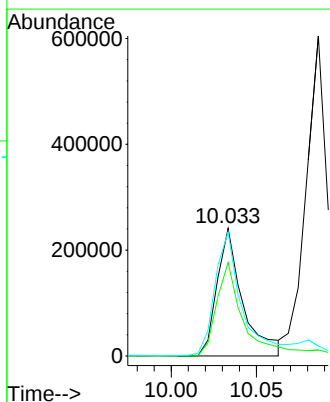
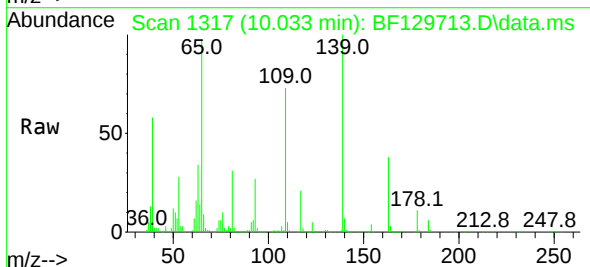
APPROVED

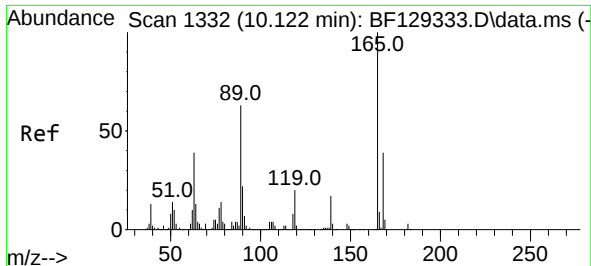
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#56
4-Nitrophenol
Concen: 48.737 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

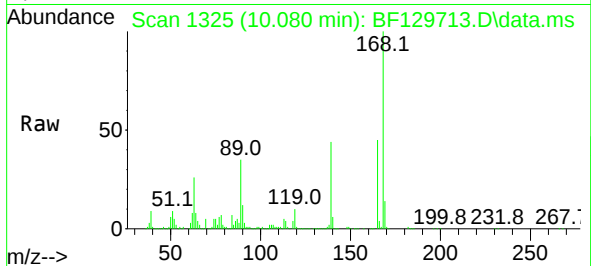
Tgt Ion:139 Resp: 253256
Ion Ratio Lower Upper
139 100
109 73.3 50.7 90.7
65 97.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 38.753 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

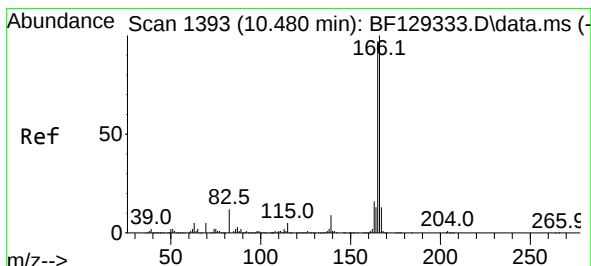
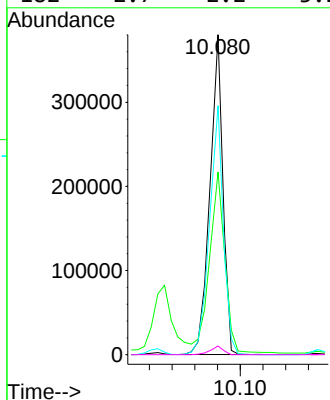
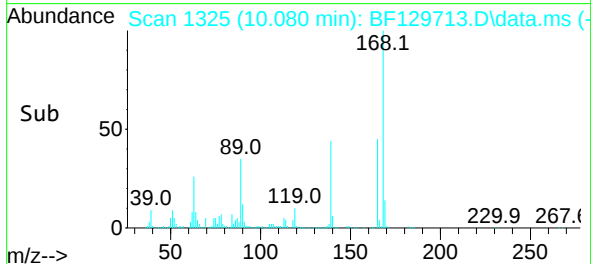
Instrument :
BNA_F
ClientSampleId :
PB146612BS



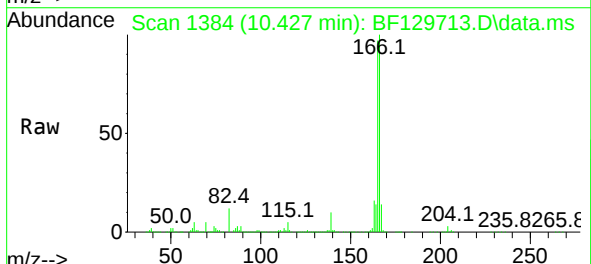
Tgt Ion:165 Resp: 301968
Ion Ratio Lower Upper
165 100
63 57.1 39.8 59.6
89 77.8 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations
APPROVED

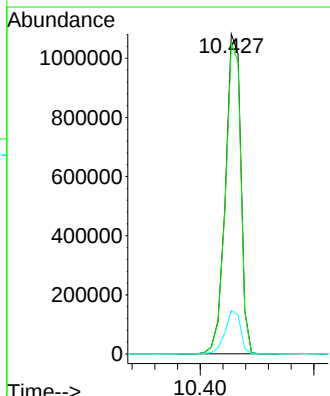
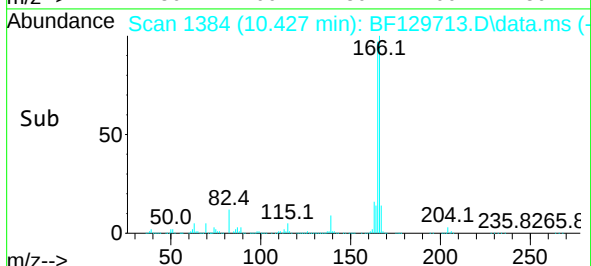
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

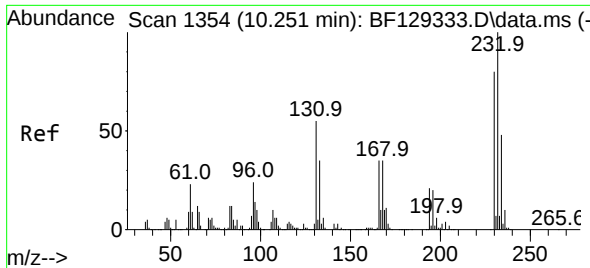


#58
Fluorene
Concen: 40.723 ng
RT: 10.427 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



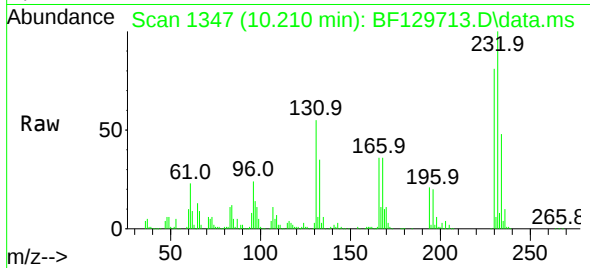
Tgt Ion:166 Resp: 1015289
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.764 ng
RT: 10.210 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

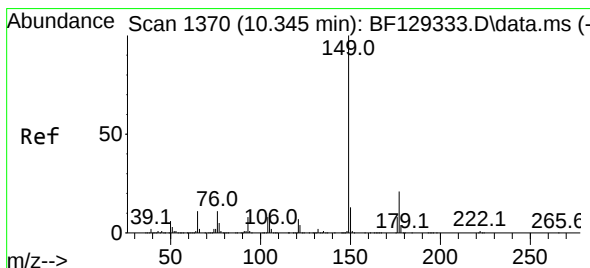
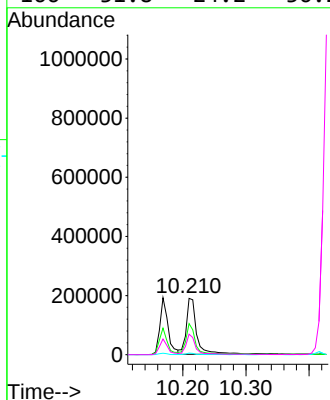
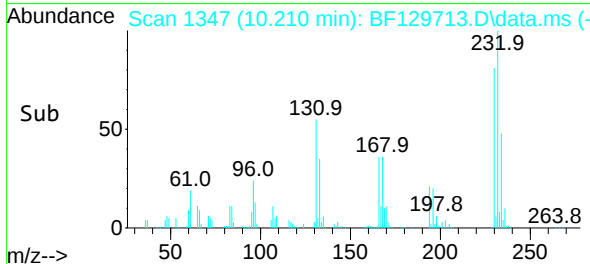
Instrument :
BNA_F
ClientSampleId :
PB146612BS



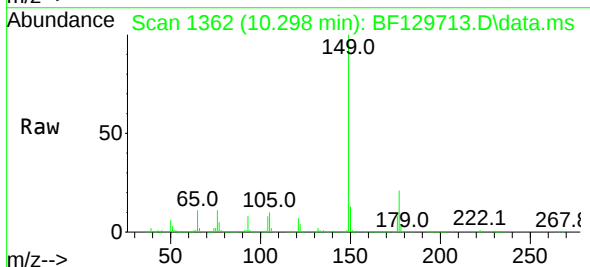
Tgt Ion:232 Resp: 22128
Ion Ratio Lower Upper
232 100
131 47.0 36.1 54.1
130 2.3 1.8 2.8
166 31.8 24.2 36.2

Manual Integrations
APPROVED

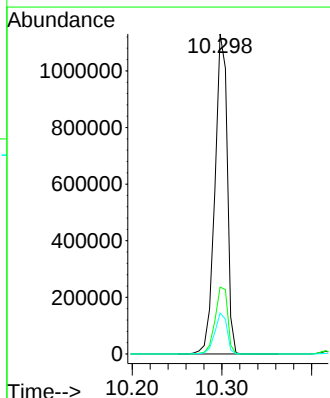
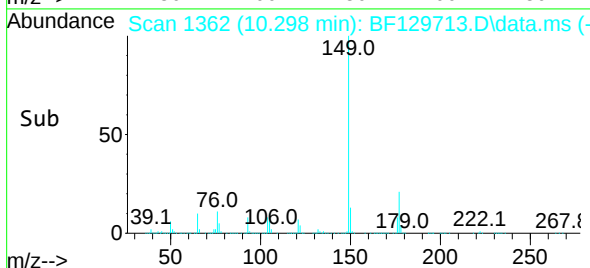
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

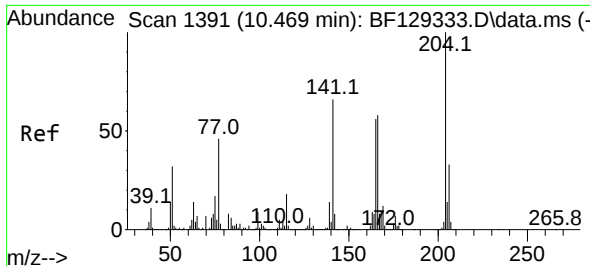


#60
Diethylphthalate
Concen: 41.823 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



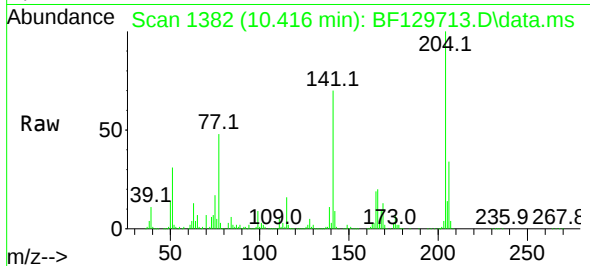
Tgt Ion:149 Resp: 1077448
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.764 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

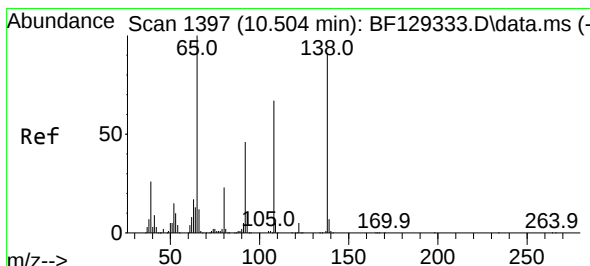
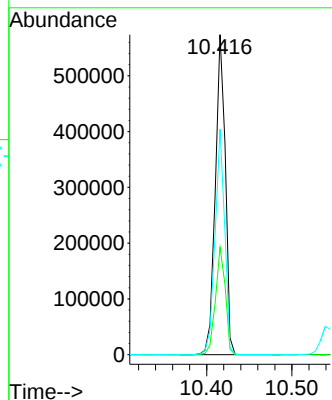
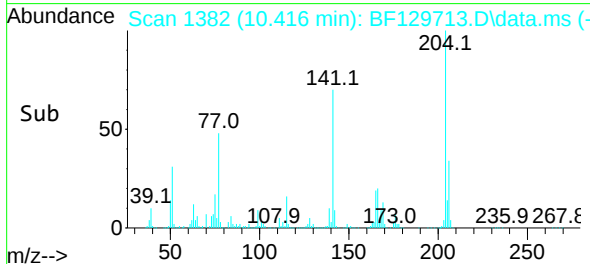
Instrument :
BNA_F
ClientSampleId :
PB146612BS



Tgt Ion:204 Resp: 470035
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 70.4 47.0 70.4

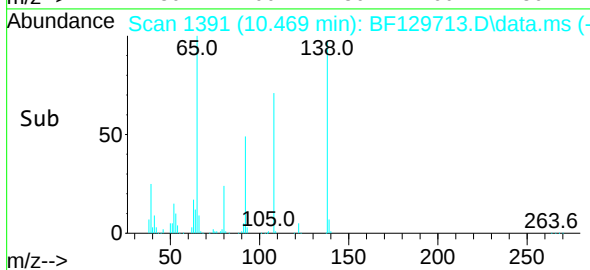
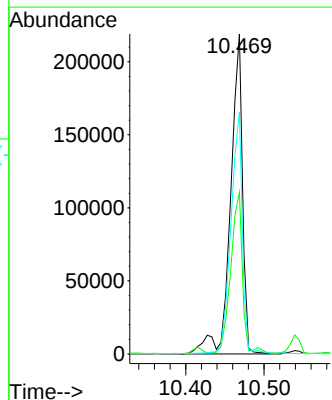
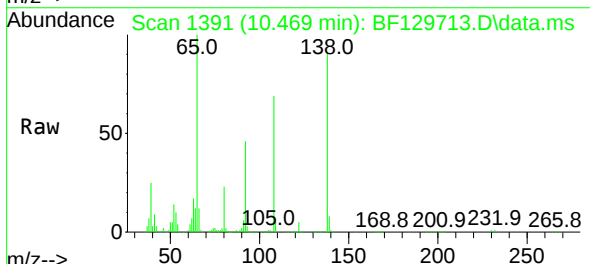
Manual Integrations
APPROVED

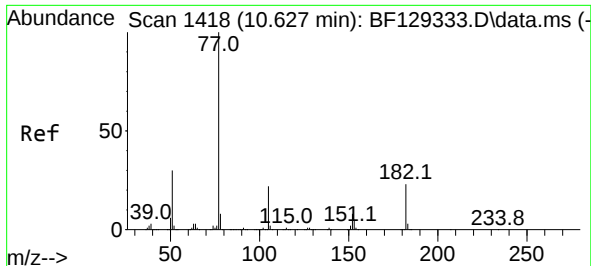
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#62
4-Nitroaniline
Concen: 33.417 ng m
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

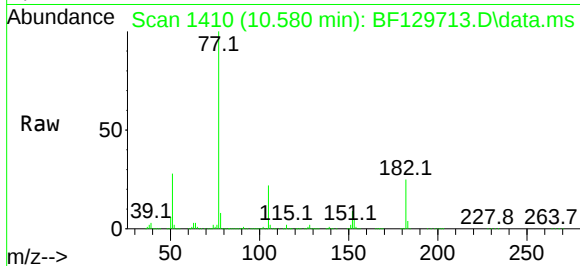
Tgt Ion:138 Resp: 233496
Ion Ratio Lower Upper
138 100
92 50.5 33.5 73.5
108 75.6 61.0 101.0





#63
Azobenzene
Concen: 38.576 ng
RT: 10.580 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

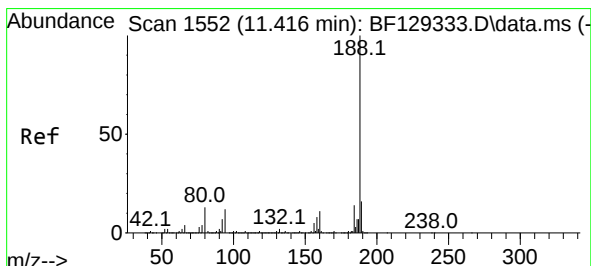
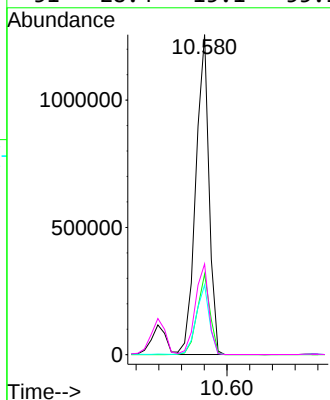
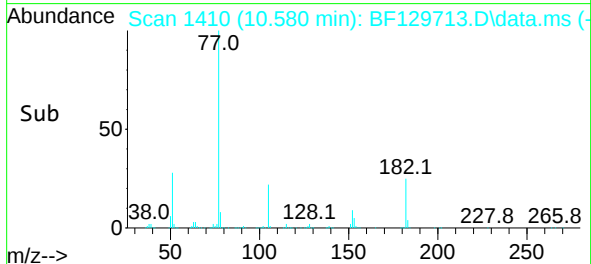
Instrument :
BNA_F
ClientSampleId :
PB146612BS



Tgt Ion: 77 Resp: 101364
Ion Ratio Lower Upper
77 100
182 25.2 5.6 45.6
105 21.8 1.6 41.6
51 28.4 15.1 55.1

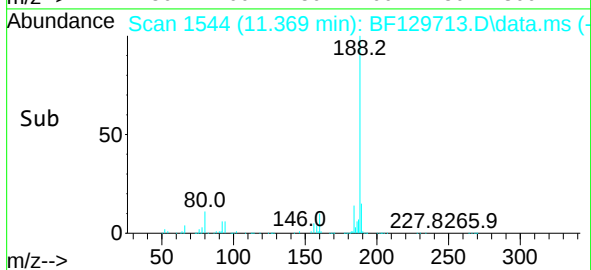
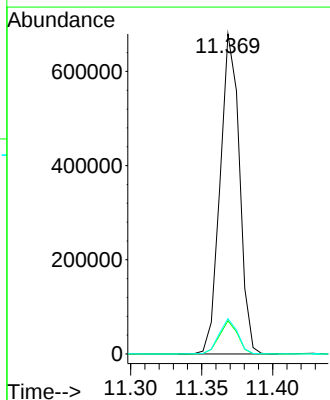
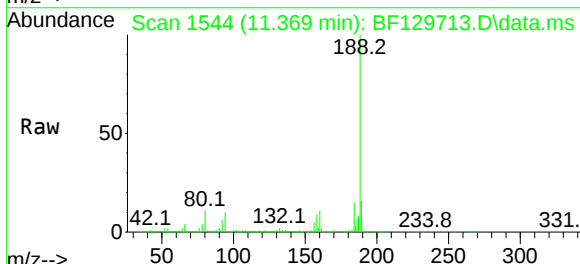
Manual Integrations
APPROVED

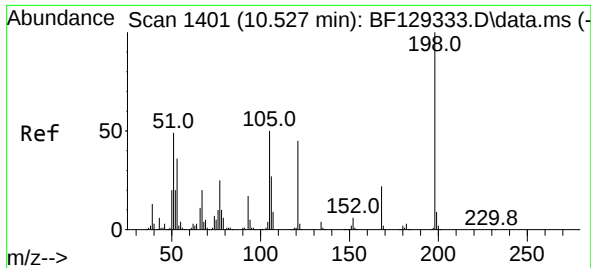
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion:188 Resp: 642240
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.1 7.6 11.4





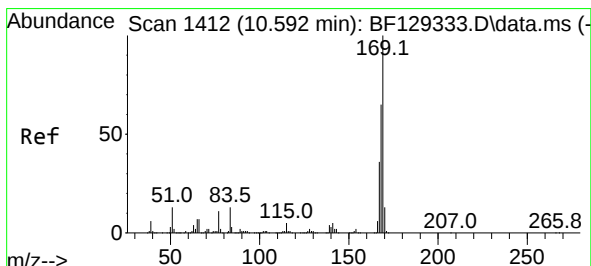
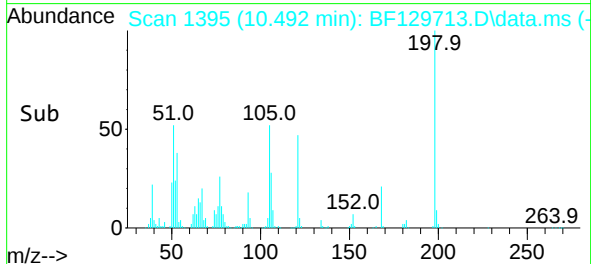
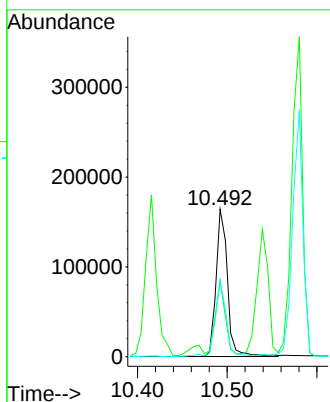
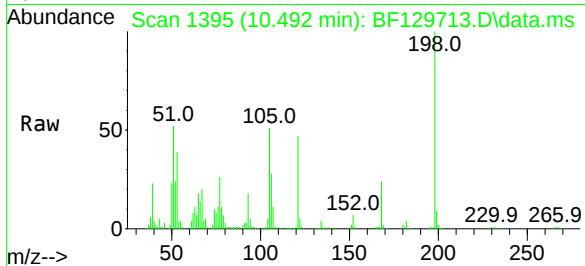
#65
4,6-Dinitro-2-methylphenol
Concen: 35.783 ng
RT: 10.492 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :
BNA_F
ClientSampleId :
PB146612BS

Tgt Ion:198 Resp: 145052
Ion Ratio Lower Upper
198 100
51 51.5 37.6 77.6
105 51.5 27.0 67.0

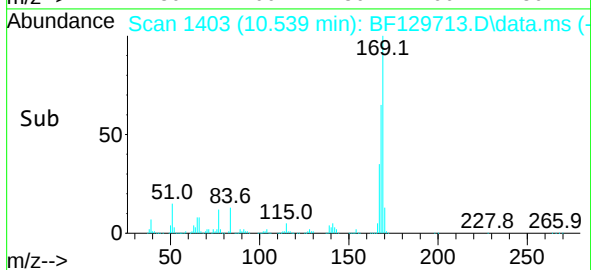
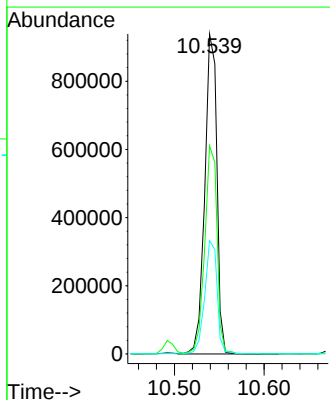
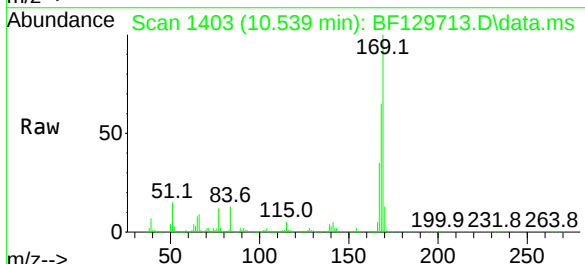
Manual Integrations
APPROVED

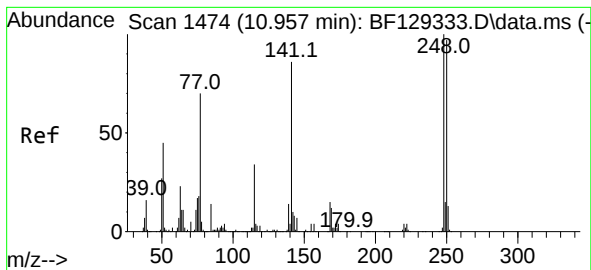
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#66
n-Nitrosodiphenylamine
Concen: 41.017 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

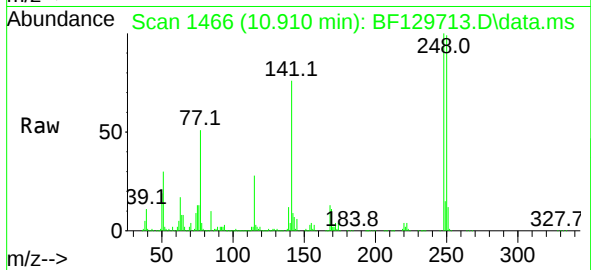
Tgt Ion:169 Resp: 877287
Ion Ratio Lower Upper
169 100
168 65.1 50.1 75.1
167 35.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 43.082 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

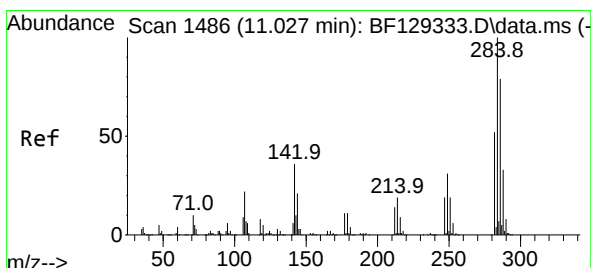
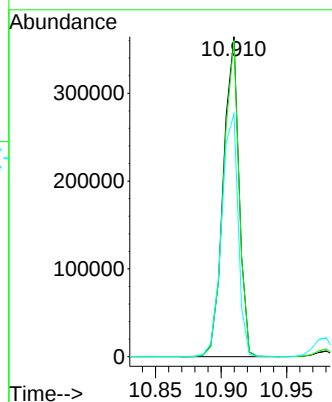
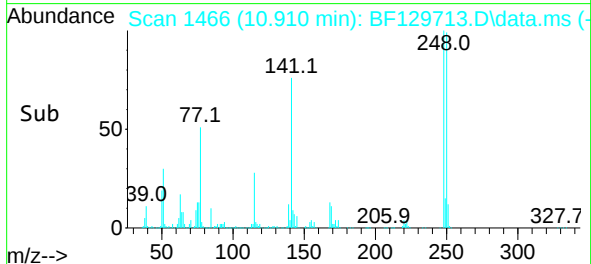
Instrument :
BNA_F
ClientSampleId :
PB146612BS



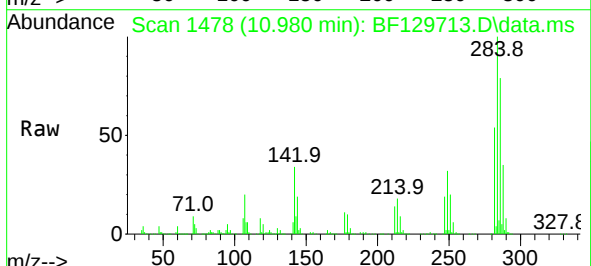
Tgt Ion:248 Resp: 30298
Ion Ratio Lower Upper
248 100
250 98.8 80.6 120.8
141 75.9 58.9 88.3

Manual Integrations
APPROVED

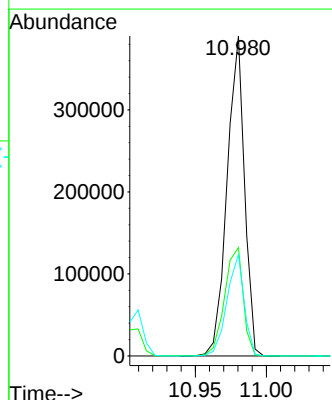
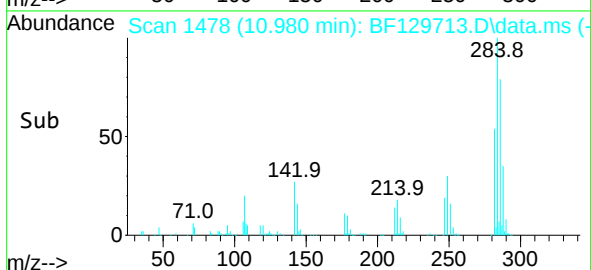
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

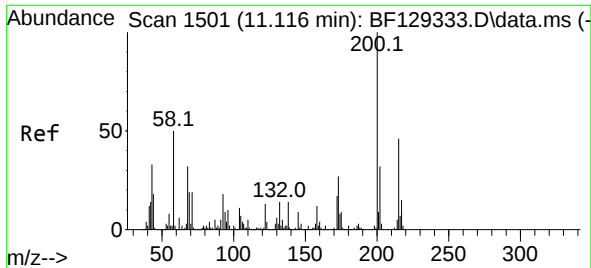


#68
Hexachlorobenzene
Concen: 43.639 ng
RT: 10.980 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



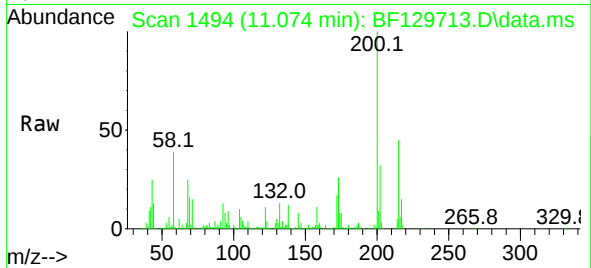
Tgt Ion:284 Resp: 332536
Ion Ratio Lower Upper
284 100
142 33.9 29.0 43.4
249 31.7 25.0 37.6





#69
Atrazine
Concen: 45.942 ng
RT: 11.074 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

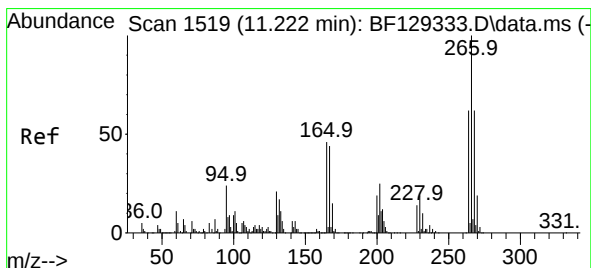
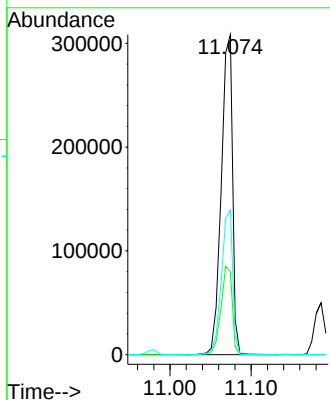
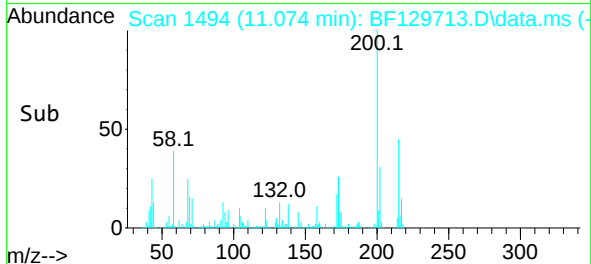
Instrument :
BNA_F
ClientSampleId :
PB146612BS



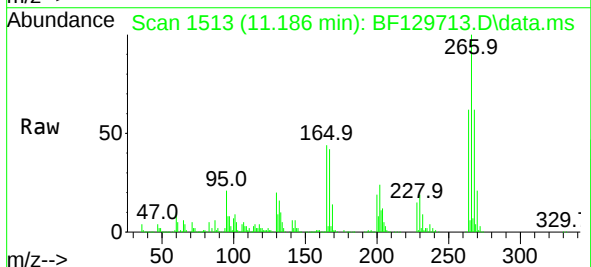
Tgt Ion:200 Resp: 29846
Ion Ratio Lower Upper
200 100
173 25.9 6.3 46.3
215 45.2 28.3 68.3

Manual Integrations
APPROVED

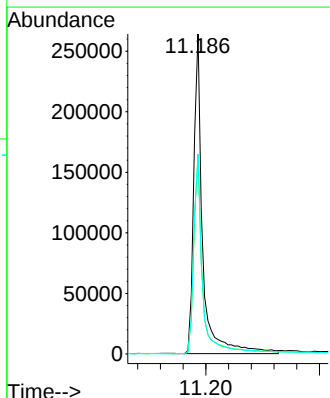
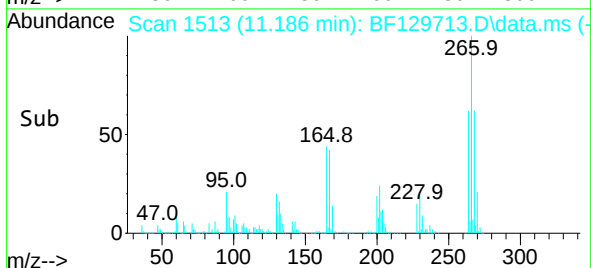
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

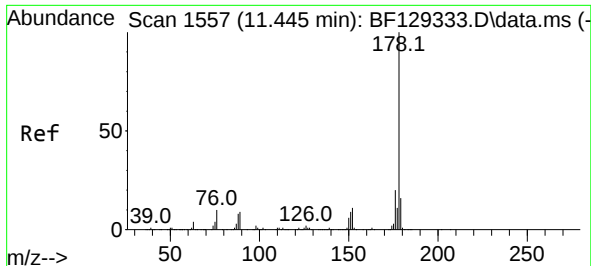


#70
Pentachlorophenol
Concen: 70.301 ng
RT: 11.186 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion:266 Resp: 291225
Ion Ratio Lower Upper
266 100
268 62.1 51.0 76.4
264 62.5 49.4 74.2





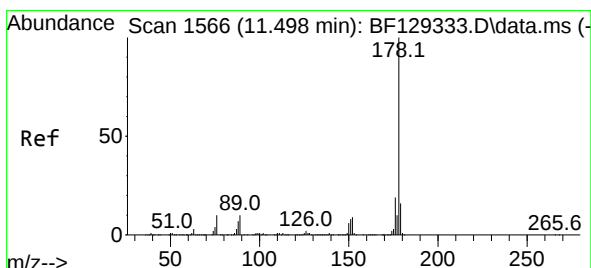
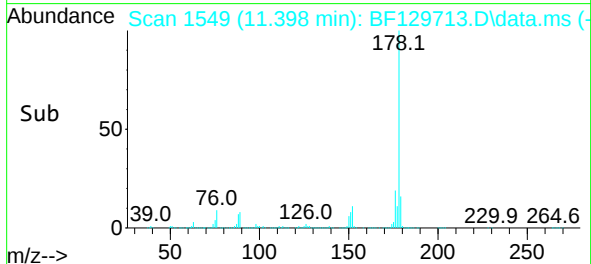
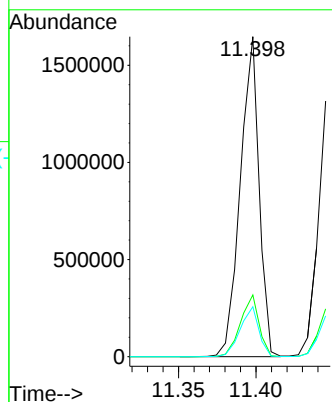
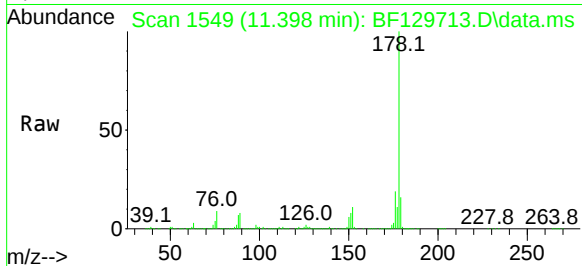
#71
Phenanthrene
Concen: 39.606 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :
BNA_F
ClientSampleId :
PB146612BS

Tgt Ion:178 Resp: 138850
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.6 12.6 19.0

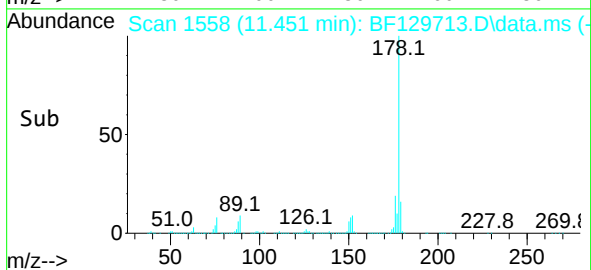
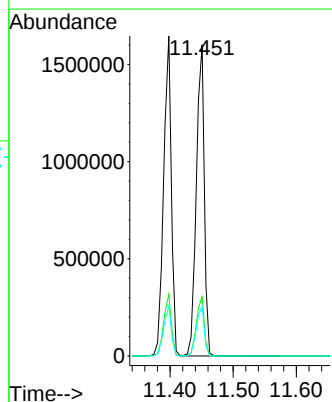
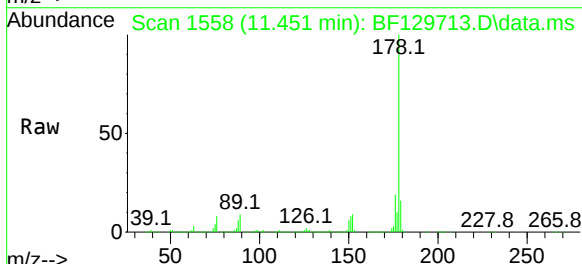
Manual Integrations
APPROVED

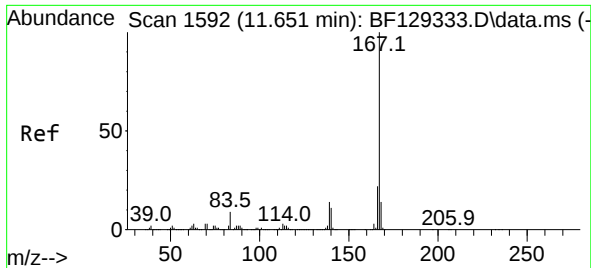
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#72
Anthracene
Concen: 40.751 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

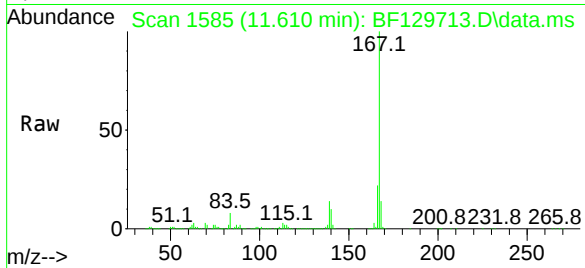
Tgt Ion:178 Resp: 1403960
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 39.029 ng
 RT: 11.610 min Scan# 1160
 Delta R.T. 0.006 min
 Lab File: BF129713.D
 Acq: 11 Aug 2022 13:20

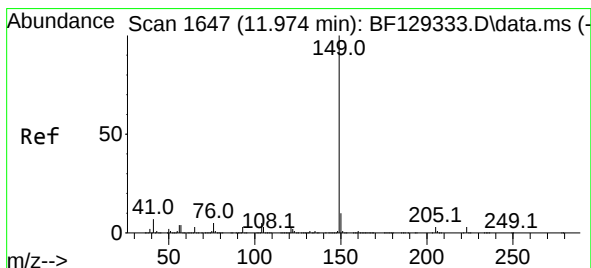
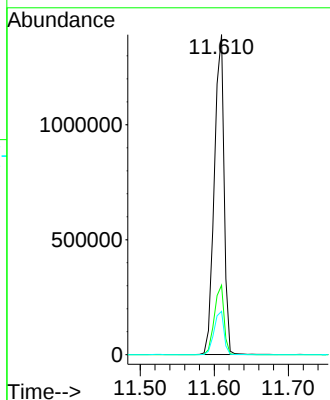
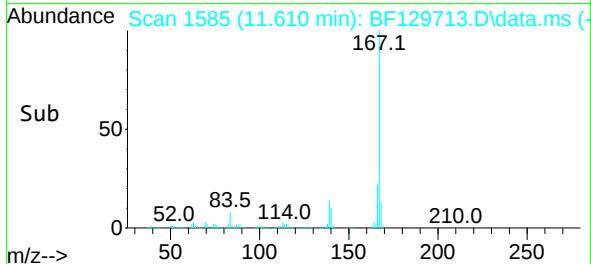
Instrument :
 BNA_F
 ClientSampleId :
 PB146612BS



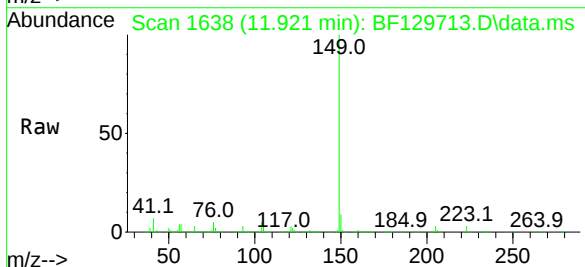
Tgt Ion:167 Resp: 126574
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.5 11.2 16.8

Manual Integrations
 APPROVED

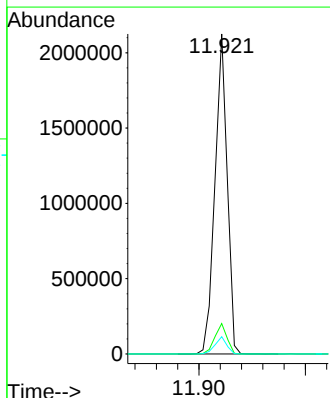
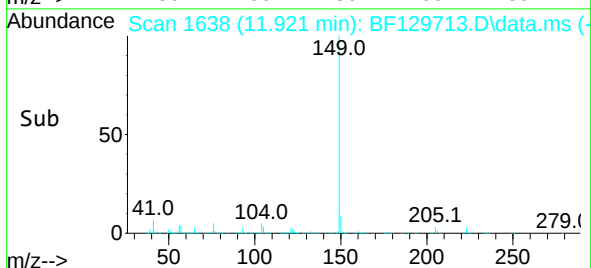
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

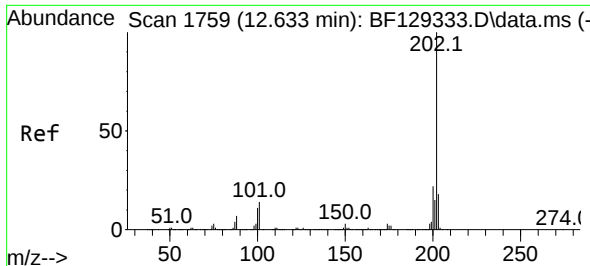


#74
 Di-n-butylphthalate
 Concen: 43.775 ng
 RT: 11.921 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BF129713.D
 Acq: 11 Aug 2022 13:20



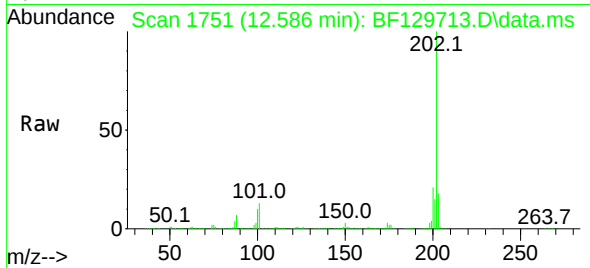
Tgt Ion:149 Resp: 1690667
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 38.695 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

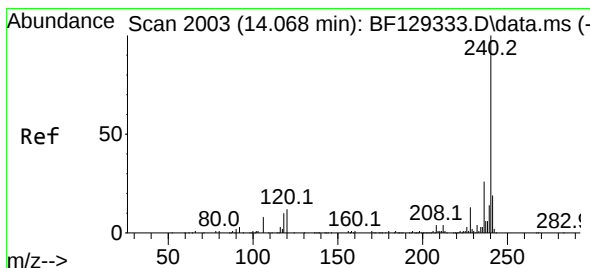
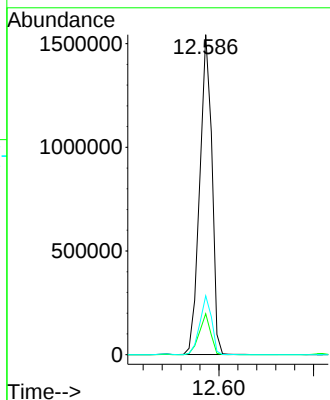
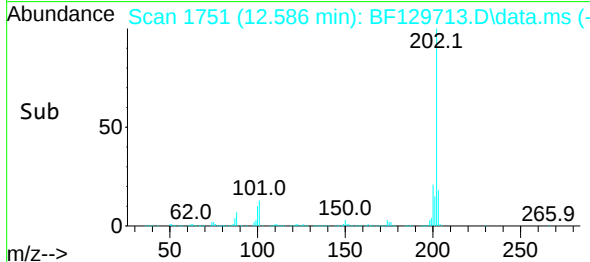
Instrument :
BNA_F
ClientSampleId :
PB146612BS



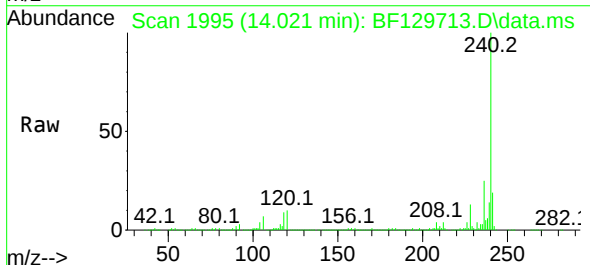
Tgt Ion:202 Resp: 137450
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.4
203 18.4 0.0 38.0

Manual Integrations
APPROVED

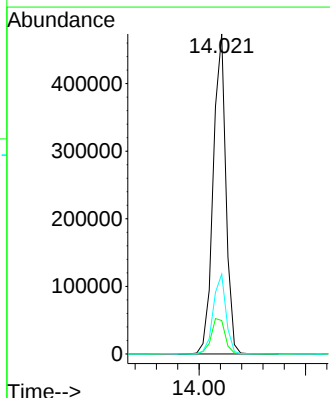
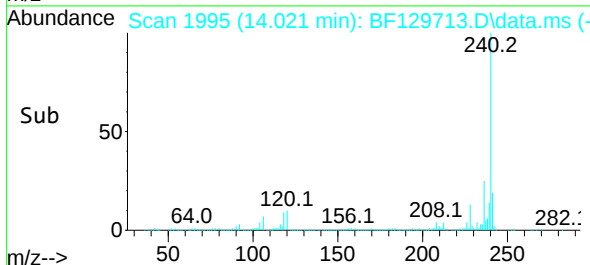
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

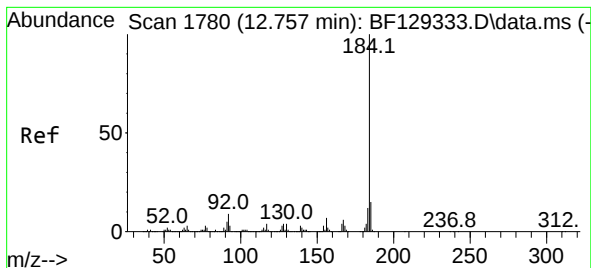


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20



Tgt Ion:240 Resp: 392689
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 24.9 20.8 31.2





#77

Benzidine

Concen: 42.142 ng

RT: 12.710 min Scan# 1772

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

Tgt Ion:184 Resp: 584630

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

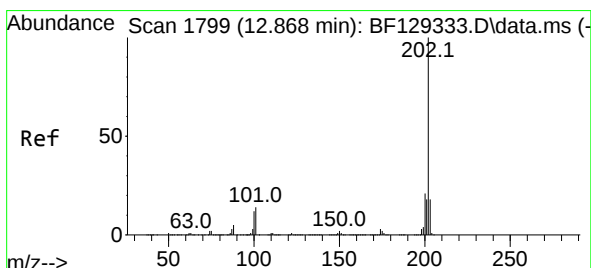
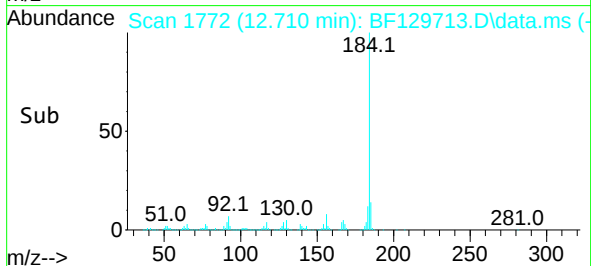
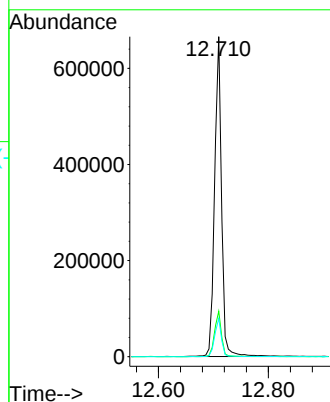
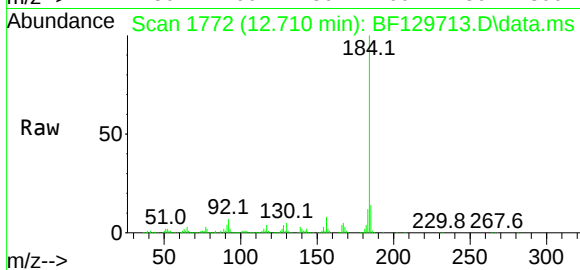
183 12.0 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#78

Pyrene

Concen: 41.984 ng

RT: 12.821 min Scan# 1791

Delta R.T. 0.006 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

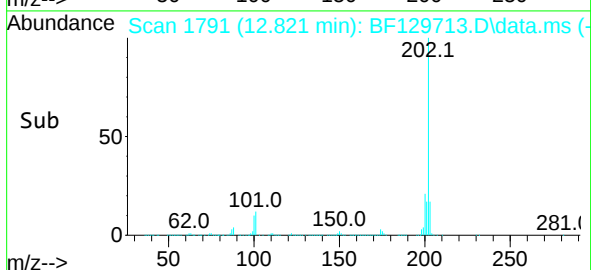
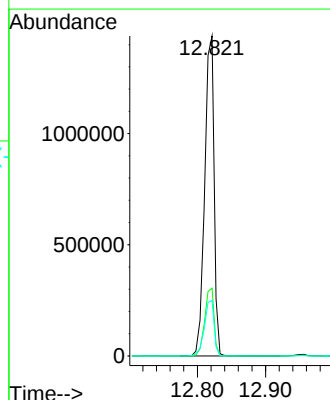
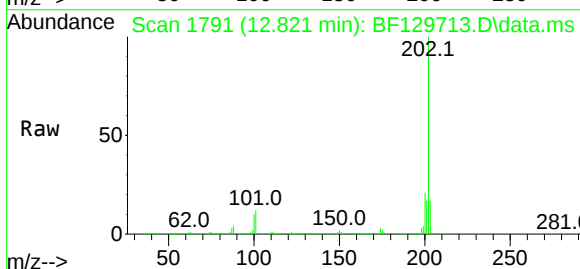
Tgt Ion:202 Resp: 1378661

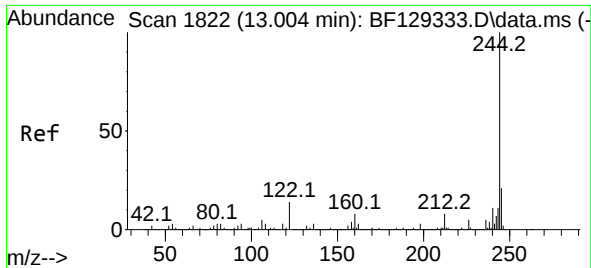
Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.3 14.6 21.8





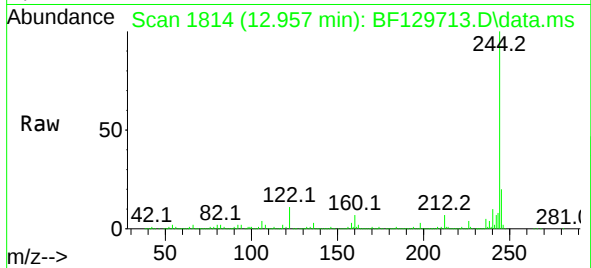
#79
Terphenyl-d14
Concen: 93.057 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

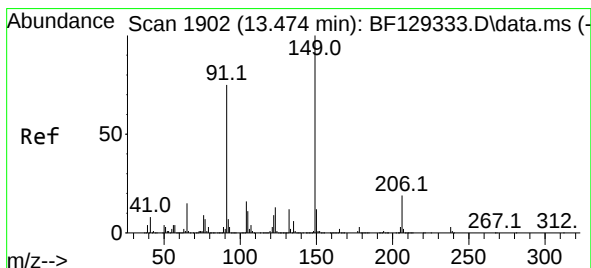
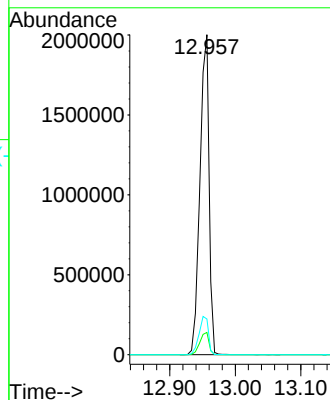
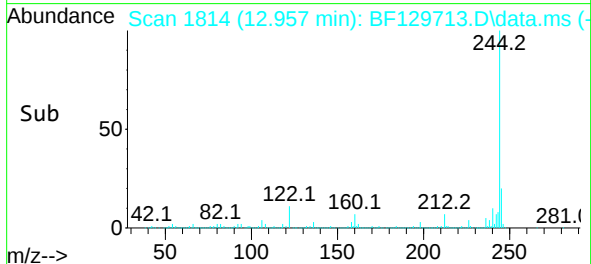


Tgt Ion:244 Resp: 1936972
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 11.2 8.8 13.2

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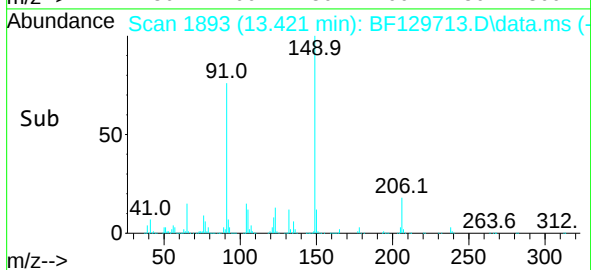
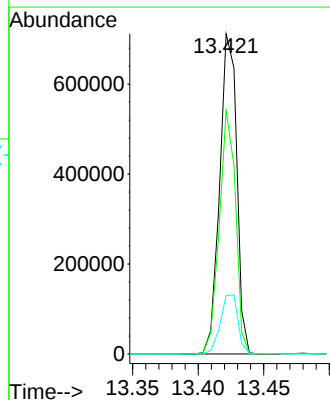
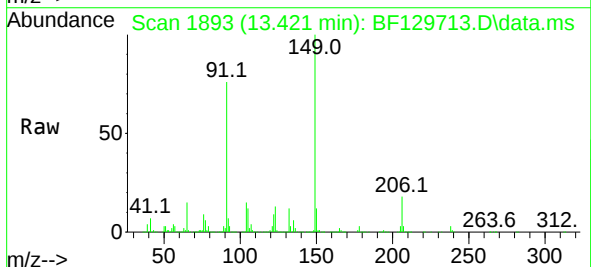
APPROVED

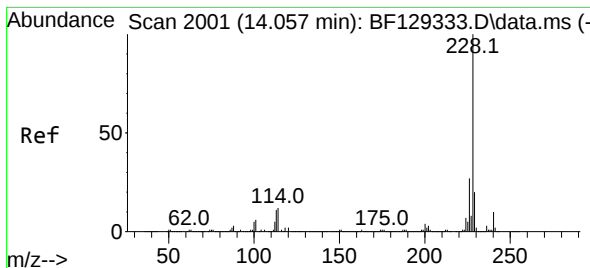
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#80
Butylbenzylphthalate
Concen: 45.020 ng
RT: 13.421 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion:149 Resp: 641235
Ion Ratio Lower Upper
149 100
91 76.0 61.2 91.8
206 18.3 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.644 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

Tgt Ion:228 Resp: 106342

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

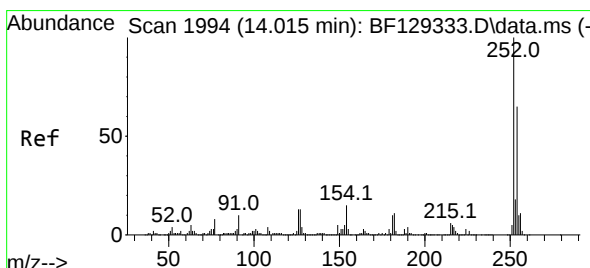
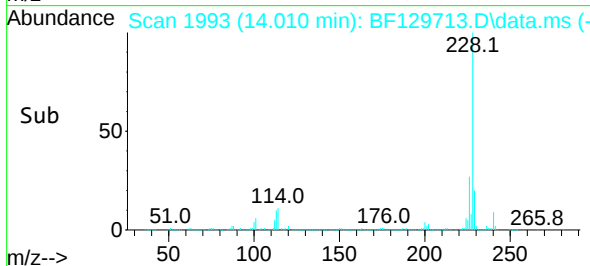
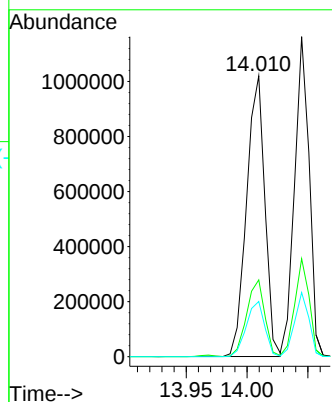
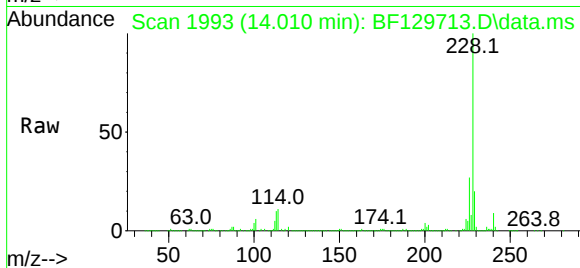
229 19.6 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#82

3,3'-Dichlorobenzidine

Concen: 32.041 ng

RT: 13.968 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

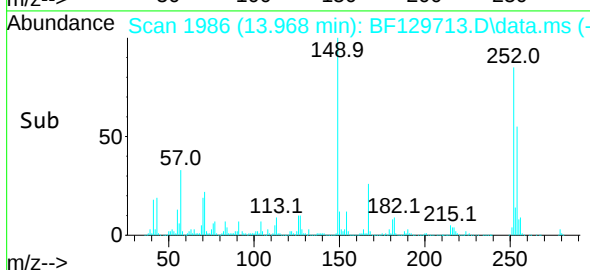
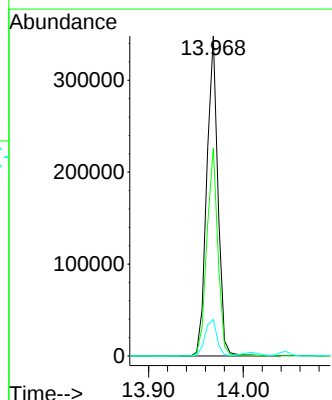
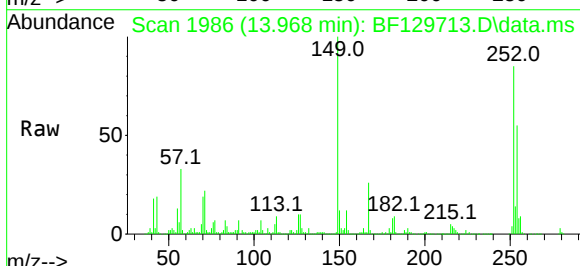
Tgt Ion:252 Resp: 283777

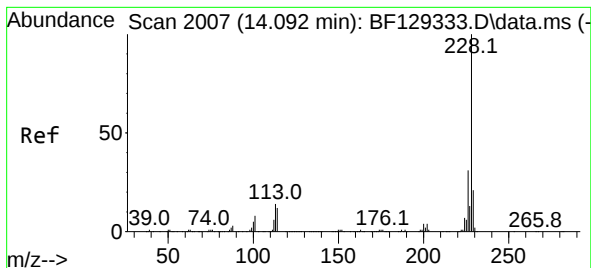
Ion Ratio Lower Upper

252 100

254 65.0 50.2 75.4

126 11.4 8.2 12.4





#83

Chrysene

Concen: 38.381 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF129713.D

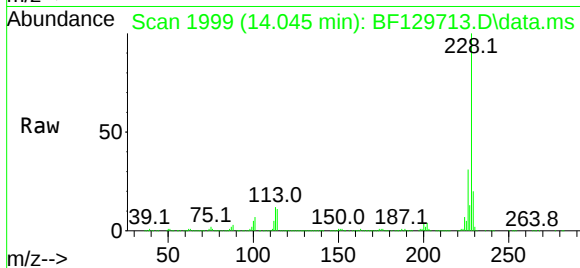
Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS



Tgt Ion:228 Resp: 97031

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

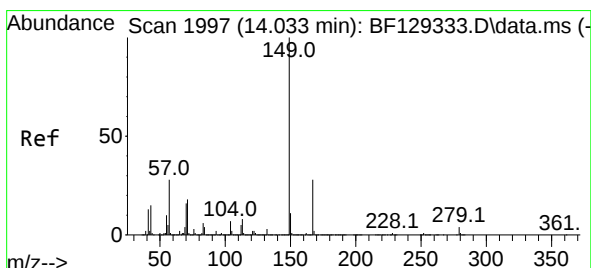
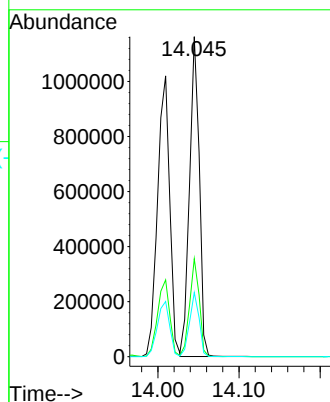
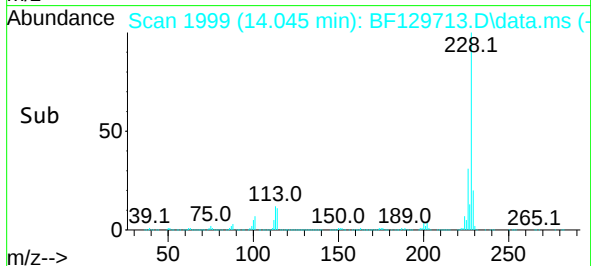
229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.763 ng

RT: 13.974 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

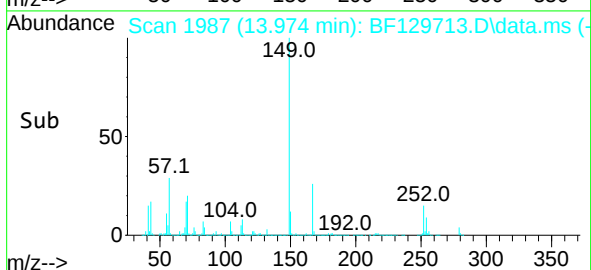
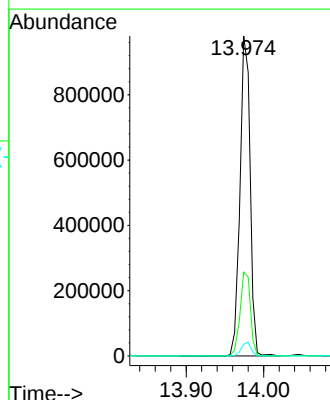
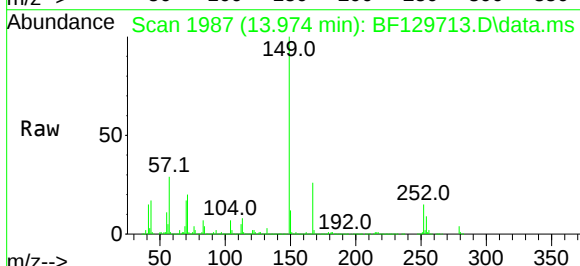
Tgt Ion:149 Resp: 895644

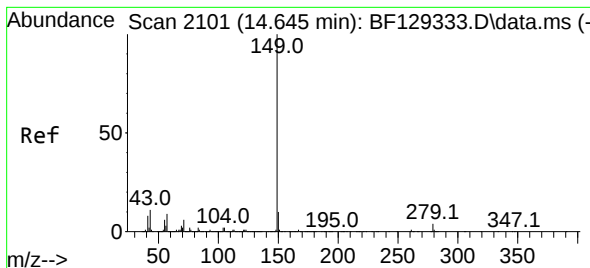
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.692 ng

RT: 14.592 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

Tgt Ion:149 Resp: 128692

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

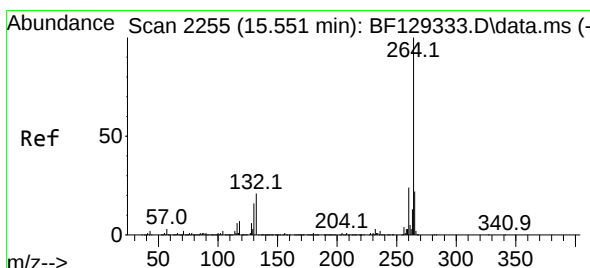
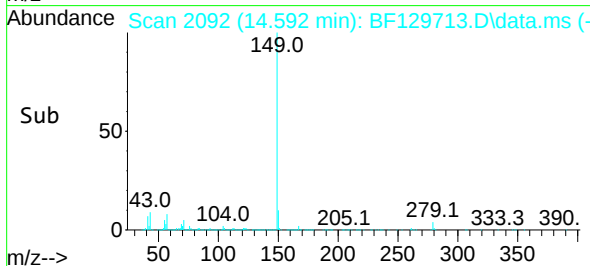
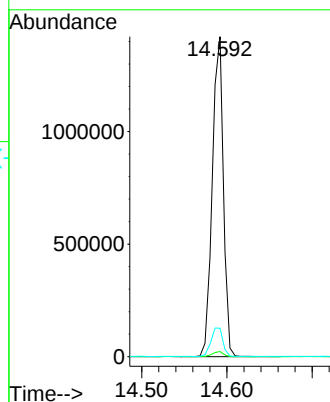
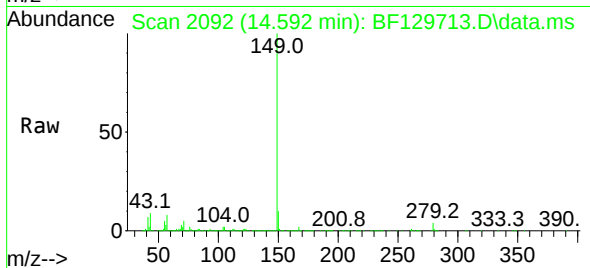
43 9.5 9.2 13.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

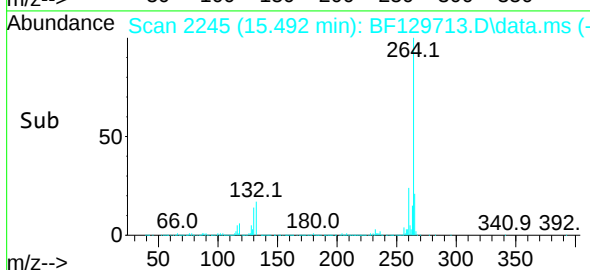
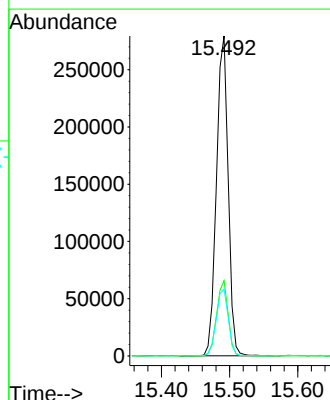
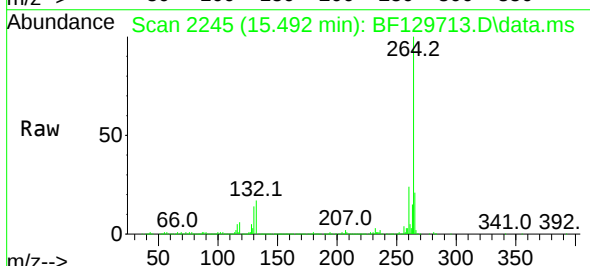
Tgt Ion:264 Resp: 333816

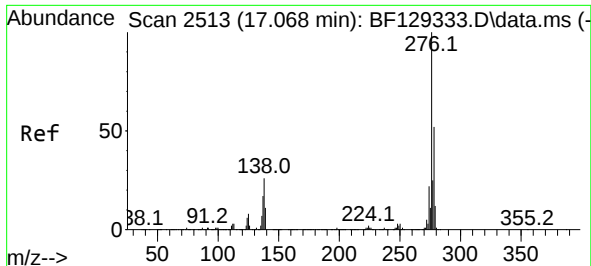
Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 20.9 17.2 25.8





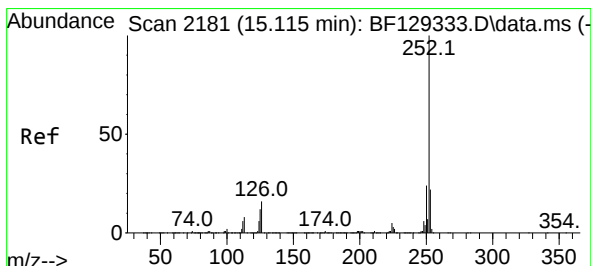
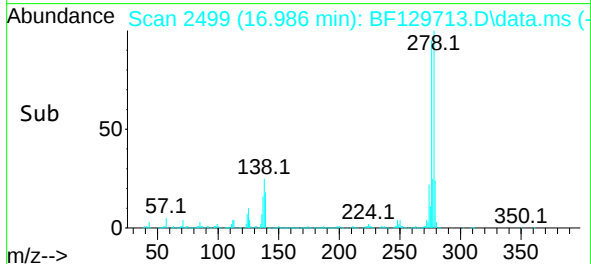
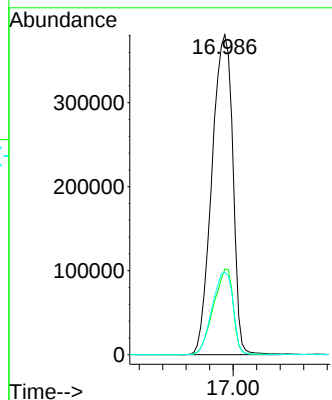
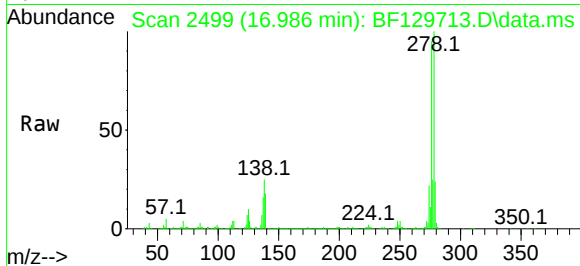
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.868 ng
RT: 16.986 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Instrument :
BNA_F
ClientSampleId :
PB146612BS

Tgt Ion:276 Resp: 941168
Ion Ratio Lower Upper
276 100
138 25.3 21.1 31.7
277 26.0 20.3 30.5

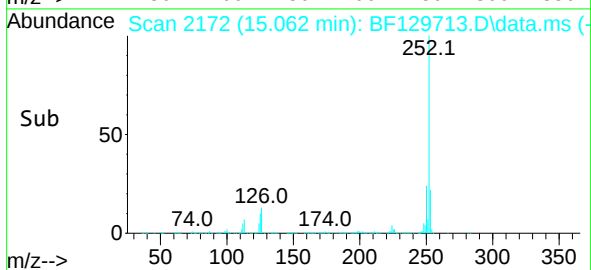
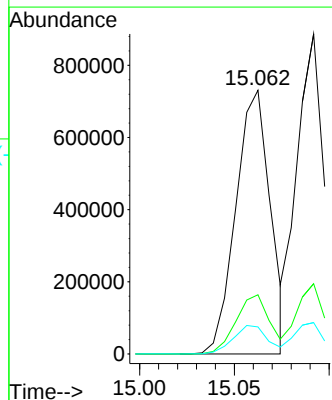
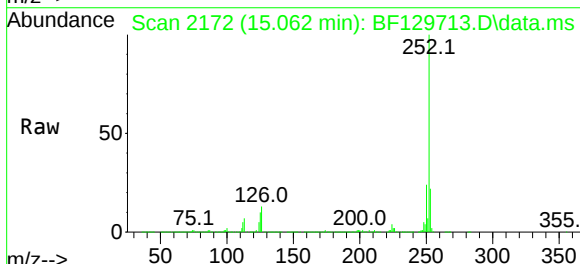
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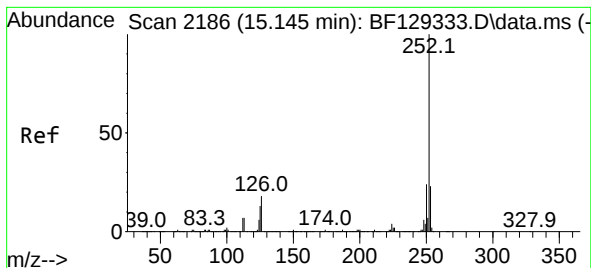
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#88
Benzo(b)fluoranthene
Concen: 41.790 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BF129713.D
Acq: 11 Aug 2022 13:20

Tgt Ion:252 Resp: 925358
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 40.468 ng

RT: 15.092 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

Tgt Ion:252 Resp: 87813

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

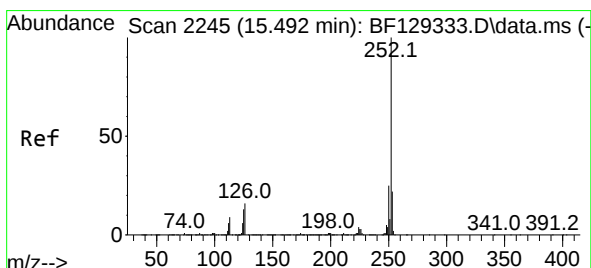
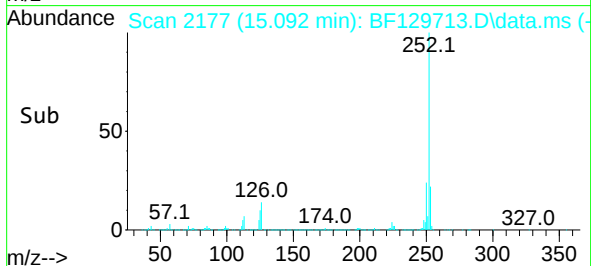
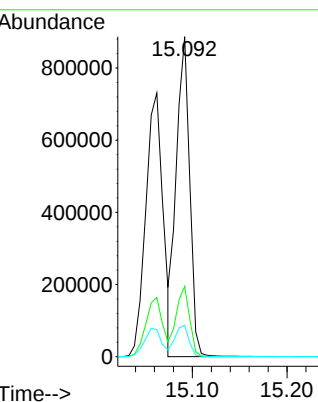
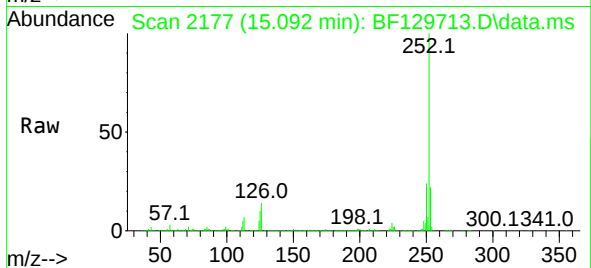
125 9.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#90

Benzo(a)pyrene

Concen: 43.419 ng

RT: 15.433 min Scan# 2235

Delta R.T. 0.006 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

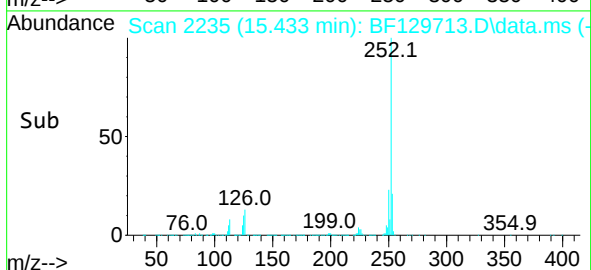
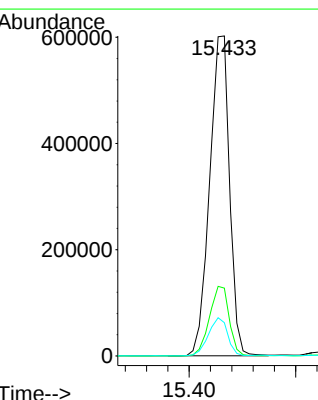
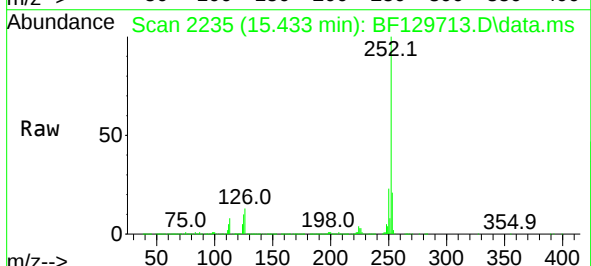
Tgt Ion:252 Resp: 780459

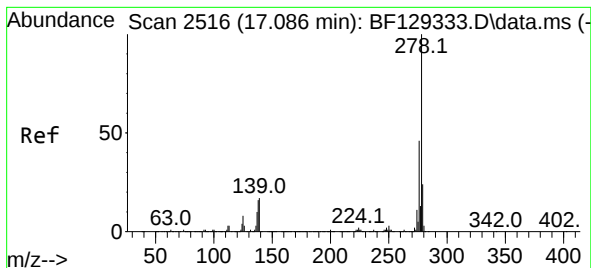
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.096 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Instrument :

BNA_F

ClientSampleId :

PB146612BS

Tgt Ion:278 Resp: 82509

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

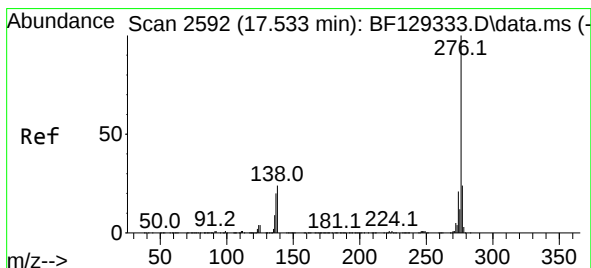
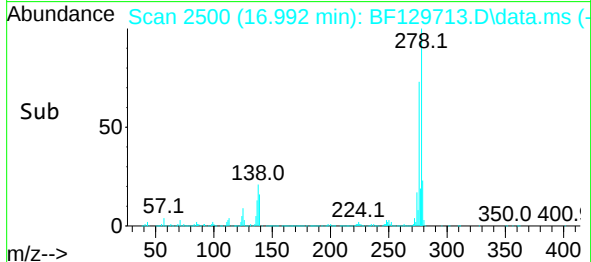
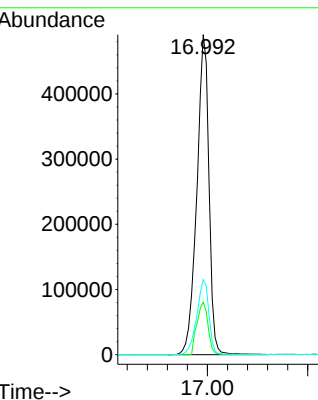
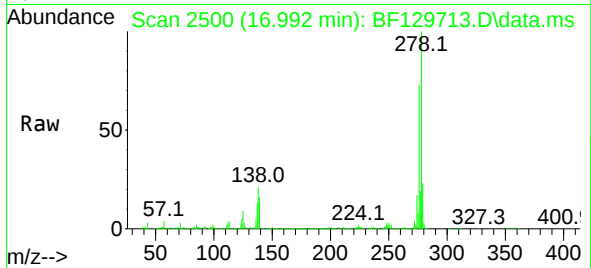
279 23.5 18.6 28.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#92

Benzo(g,h,i)perylene

Concen: 43.985 ng

RT: 17.433 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BF129713.D

Acq: 11 Aug 2022 13:20

Tgt Ion:276 Resp: 822342

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 22.4 18.0 27.0

