

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129715.D
 Acq On : 11 Aug 2022 14:24
 Operator : CG\JU
 Sample : PB146619BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 11 23:57:17 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	6.834	152	173212	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	717920	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	385084	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	633950	20.000	ng	0.00
76) Chrysene-d12	14.021	240	386355	20.000	ng	0.00
86) Perylene-d12	15.486	264	327469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1204124	113.244	ng	0.01
7) Phenol-d6	6.498	99	1501946	112.378	ng	0.00
23) Nitrobenzene-d5	7.410	82	978726	74.420	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	446945	120.721	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1827272	73.405	ng	0.00
79) Terphenyl-d14	12.957	244	1915340	93.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	135284	28.199	ng	88
3) Pyridine	3.440	79	360332	27.046	ng	89
4) n-Nitrosodimethylamine	3.387	42	213055	36.418	ng	# 88
6) Aniline	6.504	93	547174	32.932	ng	# 42
8) 2-Chlorophenol	6.634	128	496899	42.774	ng	95
9) Benzaldehyde	6.392	77	241310	26.587	ng	98
10) Phenol	6.510	94	580398m	40.779	ng	
11) bis(2-Chloroethyl)ether	6.575	93	463085	41.027	ng	90
12) 1,3-Dichlorobenzene	6.775	146	501252	40.232	ng	99
13) 1,4-Dichlorobenzene	6.851	146	509030	40.173	ng	99
14) 1,2-Dichlorobenzene	7.004	146	479729	41.190	ng	97
15) Benzyl Alcohol	6.992	79	400803	41.349	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	612733	36.114	ng	# 1
17) 2-Methylphenol	7.110	107	394887	40.975	ng	# 88
18) Hexachloroethane	7.345	117	194405	40.746	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	345001	42.640	ng	91
20) 3+4-Methylphenols	7.263	107	515877	42.101	ng	# 81
22) Acetophenone	7.251	105	687174	41.112	ng	98
24) Nitrobenzene	7.428	77	504497	37.252	ng	94
25) Isophorone	7.663	82	947093	40.175	ng	99
26) 2-Nitrophenol	7.739	139	273378	40.918	ng	95
27) 2,4-Dimethylphenol	7.787	122	447948m	44.698	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	593415	43.393	ng	100
29) 2,4-Dichlorophenol	7.992	162	417302	40.343	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	413392	38.611	ng	97
31) Naphthalene	8.145	128	1410675	38.675	ng	99
32) Benzoic acid	7.928	122	177672	24.523	ng	98
33) 4-Chloroaniline	8.198	127	459185	30.664	ng	96
34) Hexachlorobutadiene	8.251	225	253158	41.597	ng	99
35) Caprolactam	8.581	113	135274m	40.225	ng	
36) 4-Chloro-3-methylphenol	8.698	107	455666	41.534	ng	95
37) 2-Methylnaphthalene	8.834	142	937298	39.543	ng	100
38) 1-Methylnaphthalene	8.934	142	884141	38.639	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	420274	41.564	ng	98
41) Hexachlorocyclopentadiene	8.981	237	344111	76.426	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	264281	35.986	ng	95

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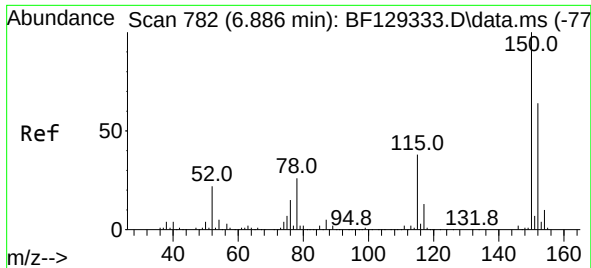
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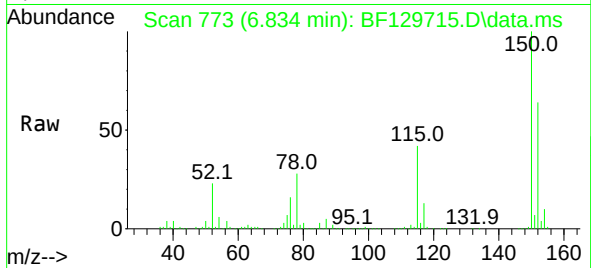
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	287893	36.047	ng	96
46) 1,1'-Biphenyl	9.298	154	1147050	40.815	ng	99
47) 2-Chloronaphthalene	9.328	162	882994	38.866	ng	99
48) 2-Nitroaniline	9.433	65	284965	37.721	ng	# 82
49) Acenaphthylene	9.745	152	1344419	38.945	ng	100
50) Dimethylphthalate	9.604	163	1071205	40.296	ng	100
51) 2,6-Dinitrotoluene	9.669	165	240147	40.361	ng	92
52) Acenaphthene	9.916	154	942876m	41.818	ng	
53) 3-Nitroaniline	9.845	138	191406	27.243	ng	# 90
54) 2,4-Dinitrophenol	9.957	184	202915	66.805	ng	93
55) Dibenzofuran	10.086	168	1205548	38.786	ng	96
56) 4-Nitrophenol	10.033	139	246262	47.510	ng	98
57) 2,4-Dinitrotoluene	10.080	165	299255	38.501	ng	92
58) Fluorene	10.428	166	994736	39.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	230465	37.341	ng	99
60) Diethylphthalate	10.298	149	1074560	41.815	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	461958	42.135	ng	# 89
62) 4-Nitroaniline	10.469	138	234964m	33.712	ng	
63) Azobenzene	10.580	77	1006997	38.419	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	144856	36.202	ng	94
66) n-Nitrosodiphenylamine	10.539	169	862723	40.864	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	300152	43.237	ng	97
68) Hexachlorobenzene	10.980	284	326002	43.341	ng	94
69) Atrazine	11.069	200	292408	45.599	ng	96
70) Pentachlorophenol	11.186	266	282334	69.046	ng	100
71) Phenanthrene	11.398	178	1376434	39.775	ng	99
72) Anthracene	11.445	178	1390858	40.899	ng	99
73) Carbazole	11.604	167	1248079	38.987	ng	99
74) Di-n-butylphthalate	11.922	149	1664113	43.651	ng	99
75) Fluoranthene	12.586	202	1370986	39.100	ng	99
77) Benzidine	12.710	184	571425	41.866	ng	99
78) Pyrene	12.816	202	1368926	42.371	ng	98
80) Butylbenzylphthalate	13.421	149	635325	45.336	ng	98
81) Benzo(a)anthracene	14.010	228	1054038	39.938	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	285483	32.762	ng	98
83) Chrysene	14.045	228	948928	38.151	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	877942	47.587	ng	99
85) Di-n-octyl phthalate	14.586	149	1259519	47.441	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	934645	42.384	ng	99
88) Benzo(b)fluoranthene	15.063	252	931956	42.904	ng	99
89) Benzo(k)fluoranthene	15.092	252	843859	39.642	ng	99
90) Benzo(a)pyrene	15.427	252	772507	43.809	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	814302	45.369	ng	99
92) Benzo(g,h,i)perylene	17.433	276	813662	44.365	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

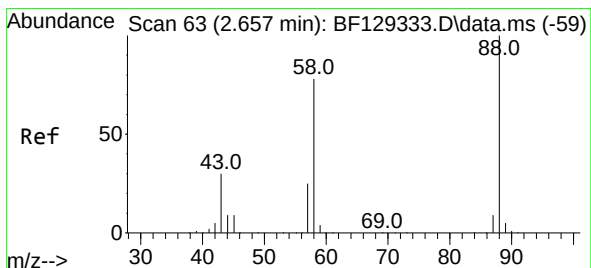
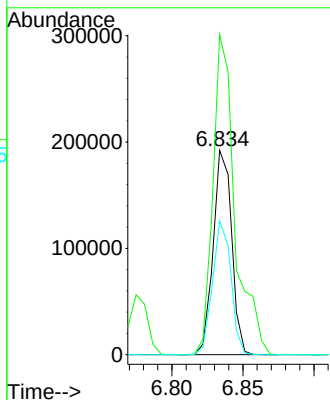
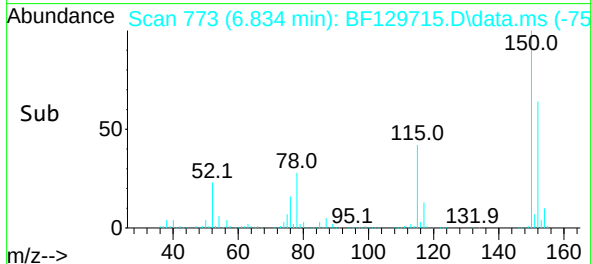
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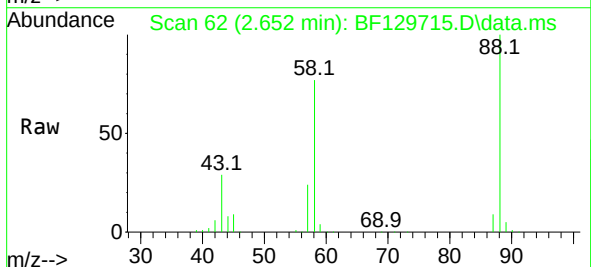
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 Ion Ratio Lower Upper
 152 100
 150 156.6 123.7 185.5
 115 65.6 49.9 74.9

Manual Integrations
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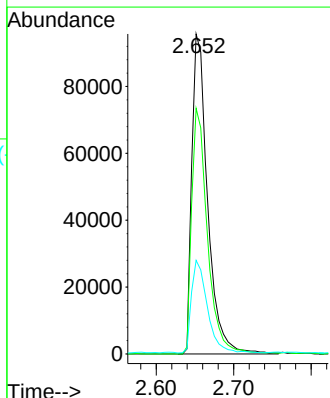
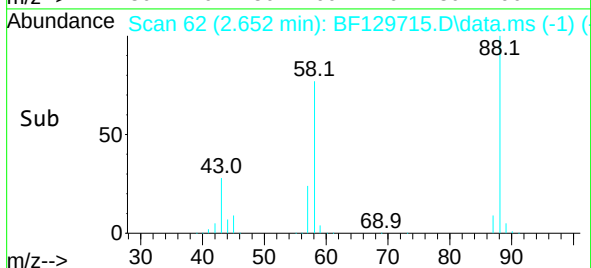
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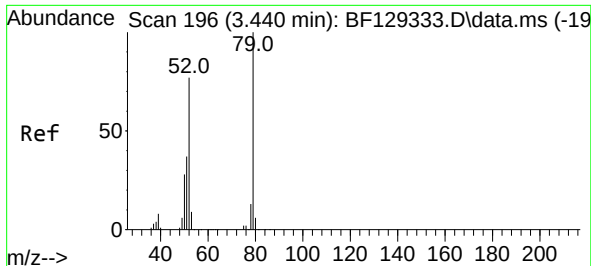


#2
 1,4-Dioxane
 Concen: 28.199 ng
 RT: 2.652 min Scan# 62
 Delta R.T. 0.094 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24



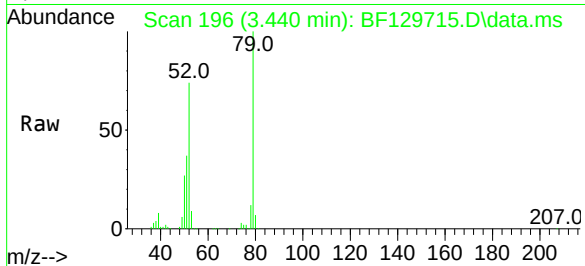
Tgt Ion: 88 Resp: 135284
 Ion Ratio Lower Upper
 88 100
 58 76.9 71.8 107.8
 43 29.5 26.6 39.8





#3
Pyridine
Concen: 27.046 ng
RT: 3.440 min Scan# 196
Delta R.T. 0.106 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

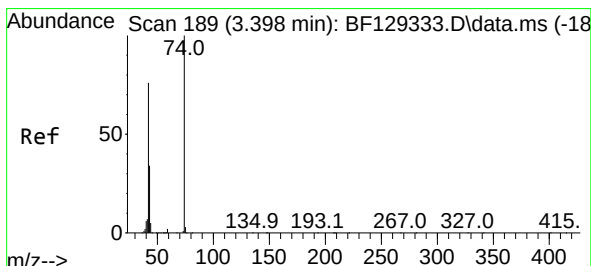
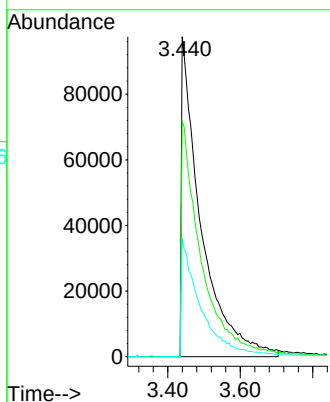
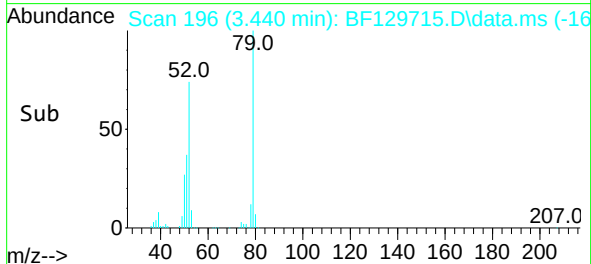
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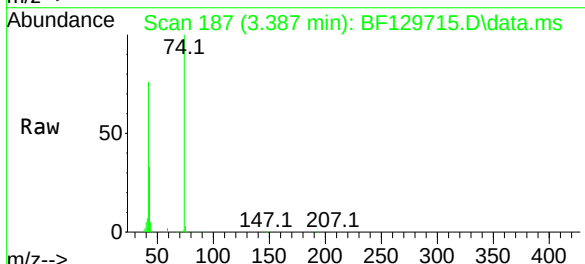
Tgt Ion: 79 Resp: 360332
Ion Ratio Lower Upper
79 100
52 73.6 68.6 102.8
51 37.0 32.9 49.3

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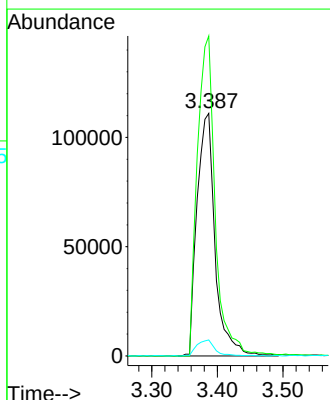
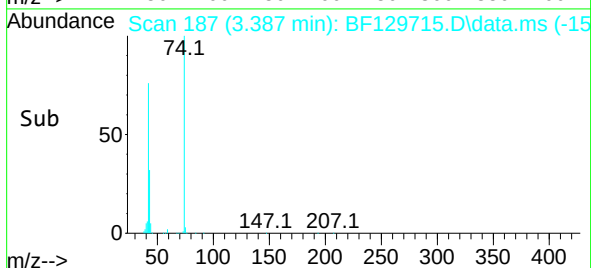
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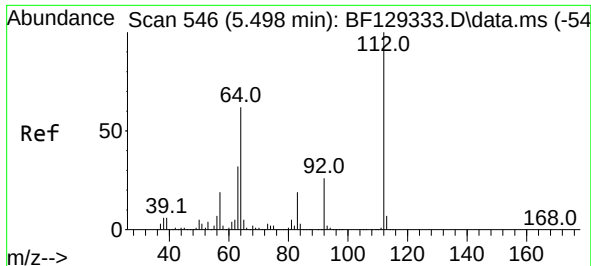


#4
n-Nitrosodimethylamine
Concen: 36.418 ng
RT: 3.387 min Scan# 187
Delta R.T. 0.094 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



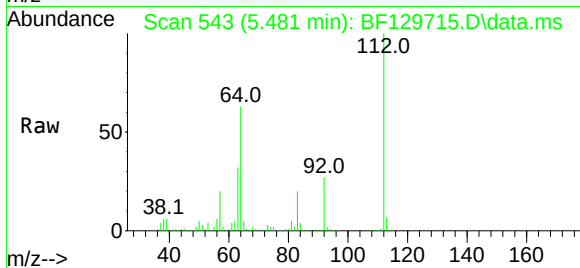
Tgt Ion: 42 Resp: 213055
Ion Ratio Lower Upper
42 100
74 131.9 94.8 142.2
44 6.6 6.6 10.0#





#5
2-Fluorophenol
Concen: 113.244 ng
RT: 5.481 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

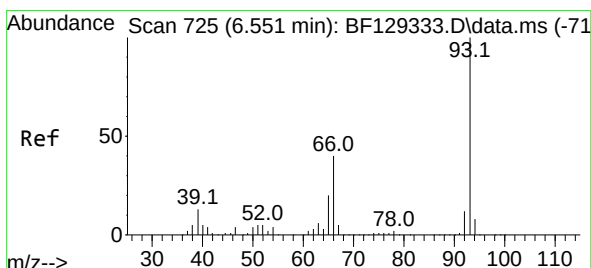
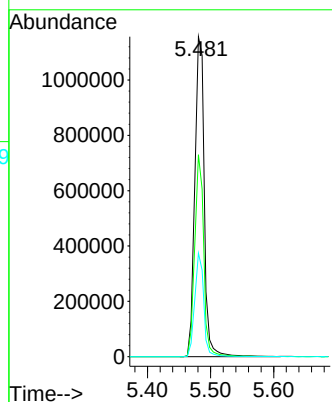
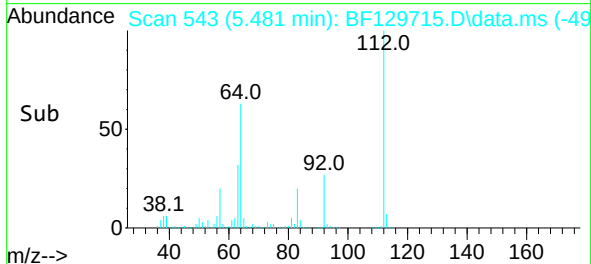
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Tgt Ion: 112 Resp: 1204124
Ion Ratio Lower Upper
112 100
64 63.1 53.3 79.9
63 32.3 28.0 42.0

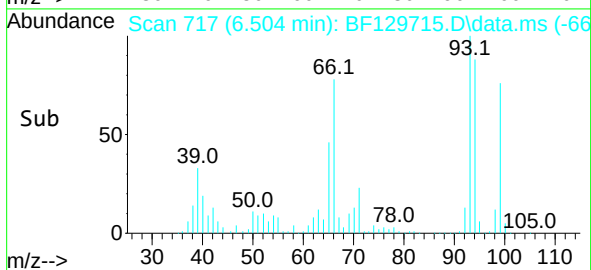
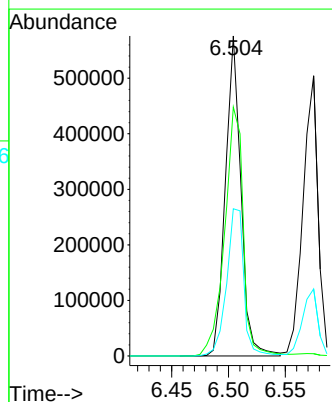
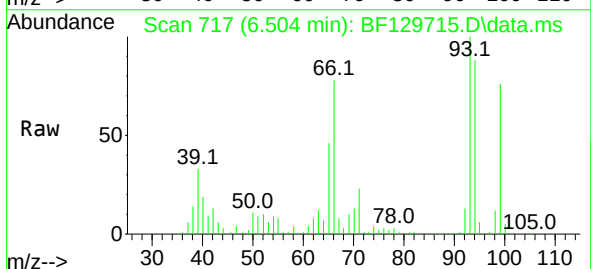
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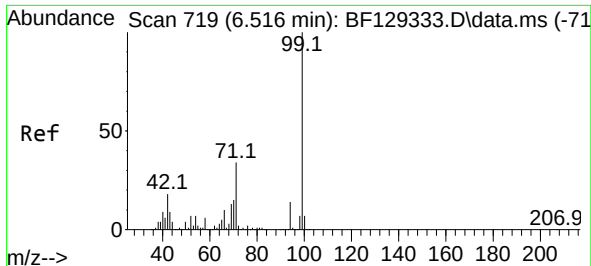
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#6
Aniline
Concen: 32.932 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

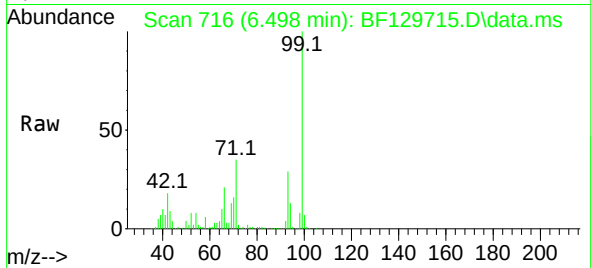
Tgt Ion: 93 Resp: 547174
Ion Ratio Lower Upper
93 100
66 77.8 32.5 48.7#
65 46.0 16.4 24.6#





#7
Phenol-d6
Concen: 112.378 ng
RT: 6.498 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

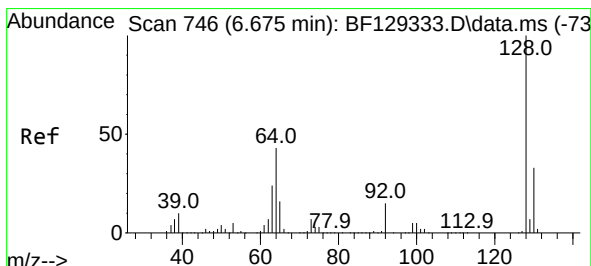
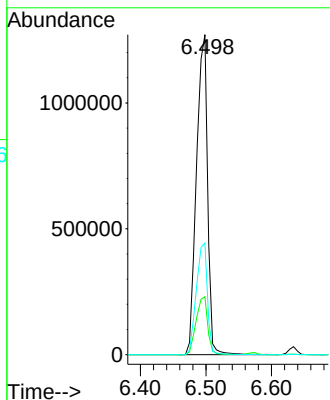
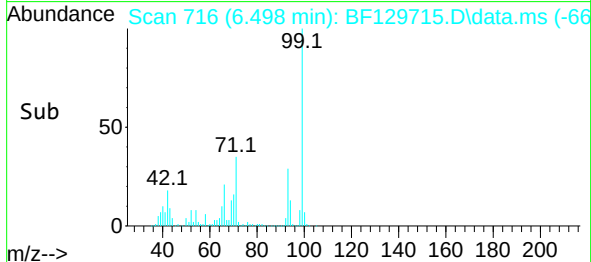
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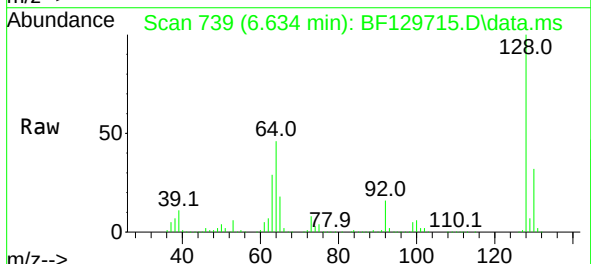
Tgt Ion: 99 Resp: 1501940
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 34.9 28.9 43.3

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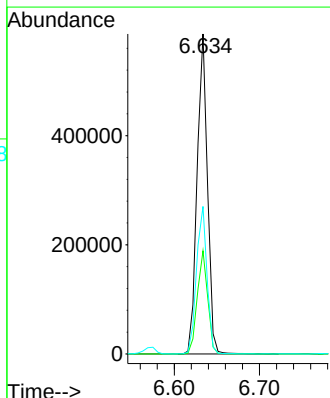
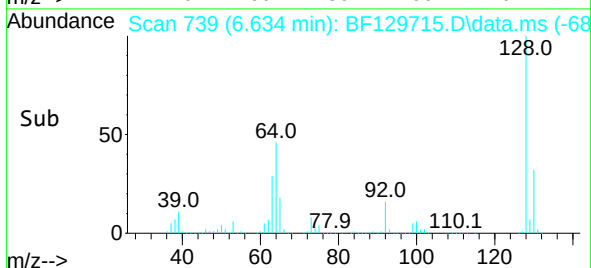
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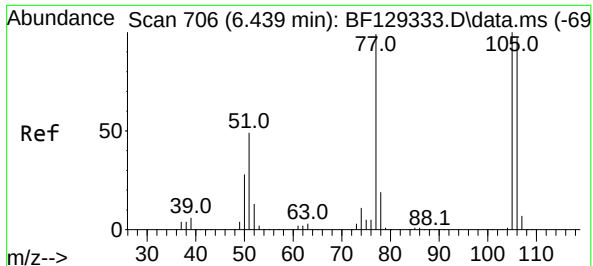


#8
2-Chlorophenol
Concen: 42.774 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



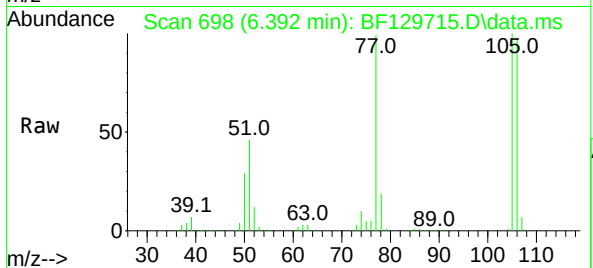
Tgt Ion:128 Resp: 496899
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 46.1 30.9 70.9





#9
Benzaldehyde
Concen: 26.587 ng
RT: 6.392 min Scan# 698
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

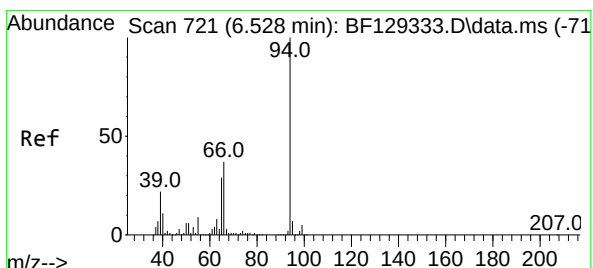
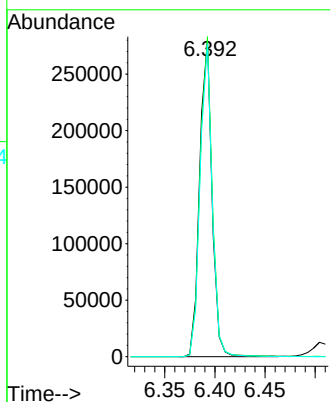
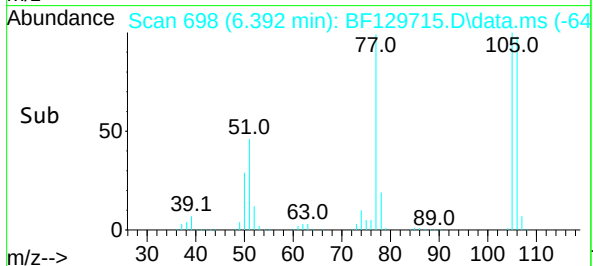
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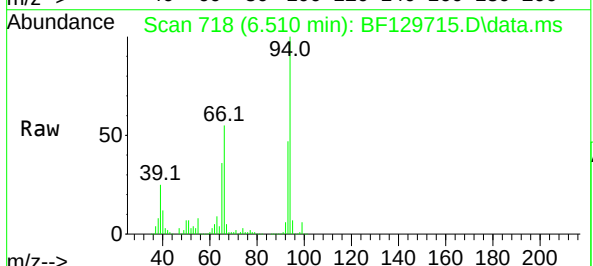
Tgt Ion: 77 Resp: 241310
Ion Ratio Lower Upper
77 100
105 101.0 81.6 121.6
106 98.8 76.1 116.1

Manual Integrations
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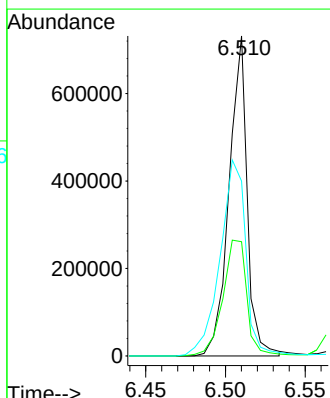
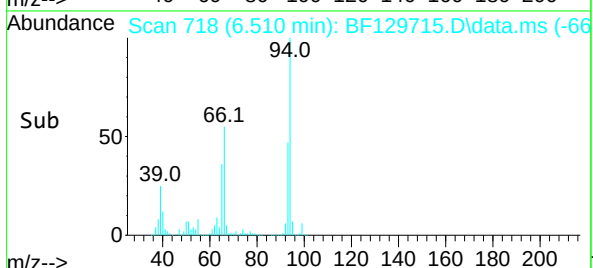
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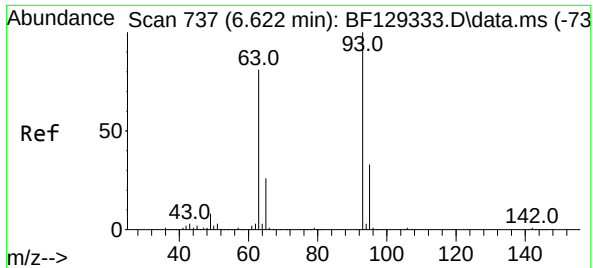


#10
Phenol
Concen: 40.779 ng m
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion: 94 Resp: 580398
Ion Ratio Lower Upper
94 100
65 35.7 11.4 51.4
66 54.7 21.4 61.4





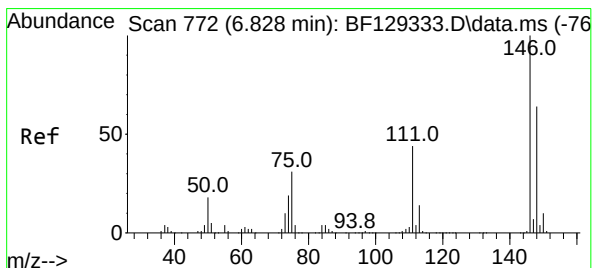
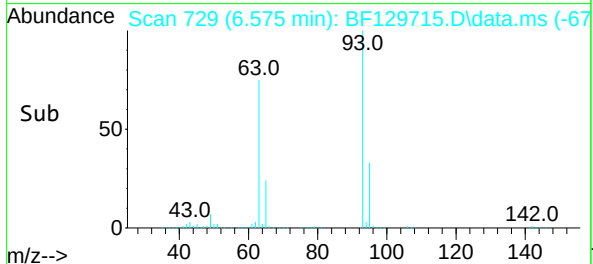
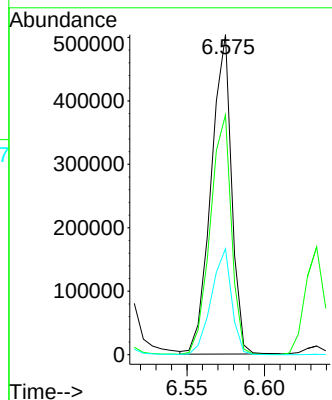
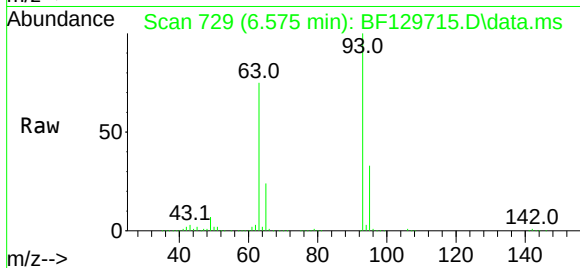
#11
bis(2-Chloroethyl)ether
Concen: 41.027 ng
RT: 6.575 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion: 93 Resp: 463085
Ion Ratio Lower Upper
93 100
63 74.9 67.4 107.4
95 33.1 12.7 52.7

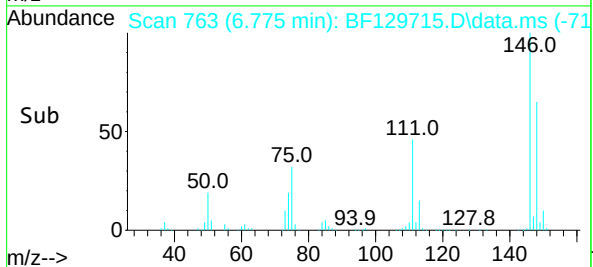
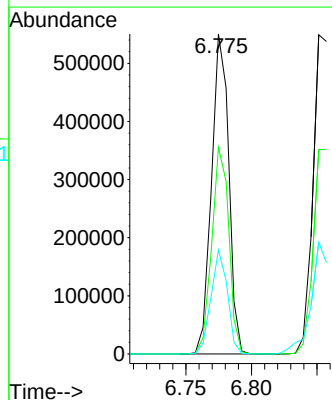
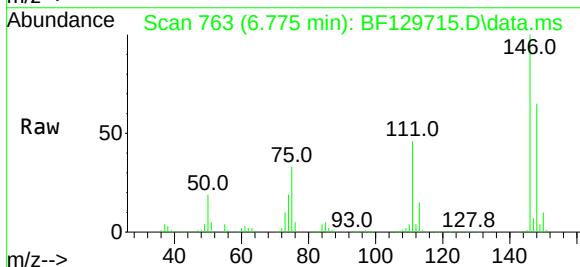
Manual Integrations
APPROVED

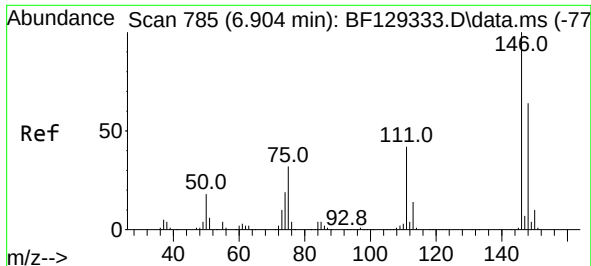
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#12
1,3-Dichlorobenzene
Concen: 40.232 ng
RT: 6.775 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:146 Resp: 501252
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 32.5 26.3 39.5





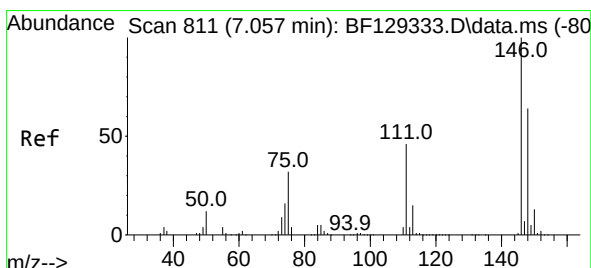
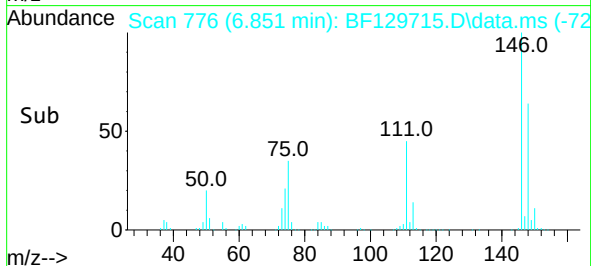
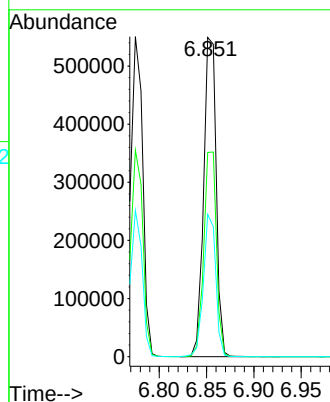
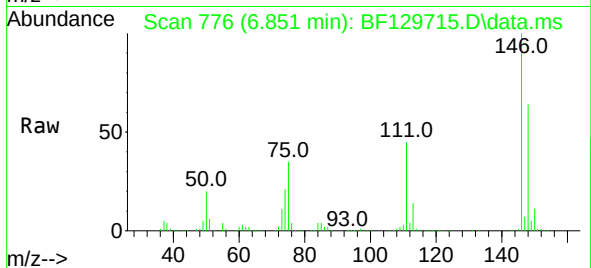
#13
1,4-Dichlorobenzene
Concen: 40.173 ng
RT: 6.851 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:146 Resp: 509030
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 44.6 34.2 51.4

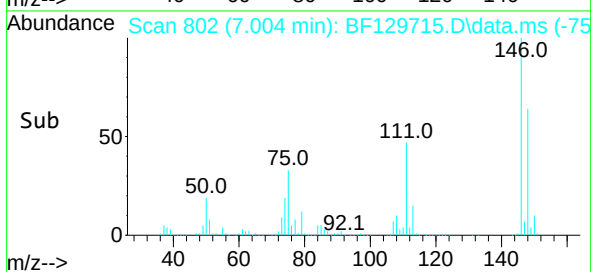
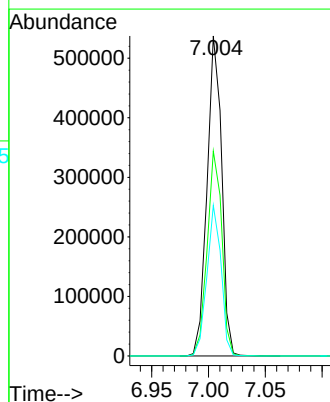
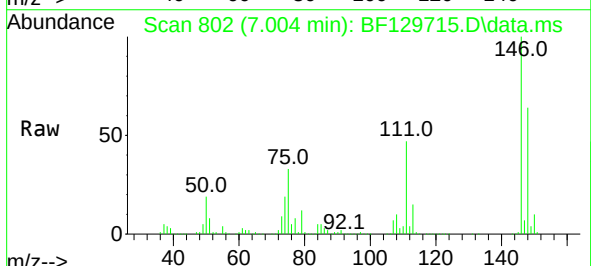
Manual Integrations
APPROVED

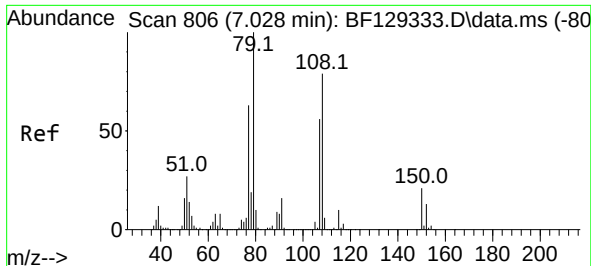
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#14
1,2-Dichlorobenzene
Concen: 41.190 ng
RT: 7.004 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

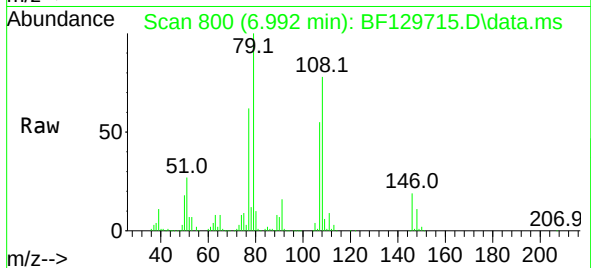
Tgt Ion:146 Resp: 479729
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 47.1 35.1 52.7





#15
Benzyl Alcohol
Concen: 41.349 ng
RT: 6.992 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

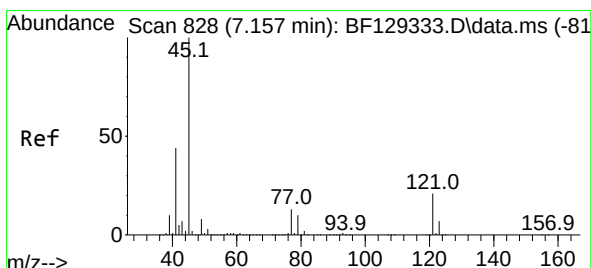
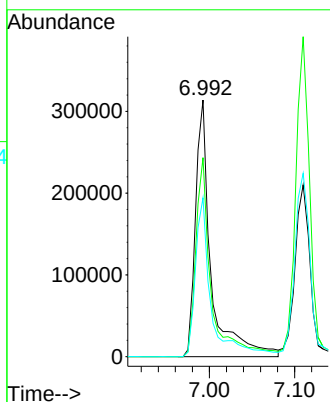
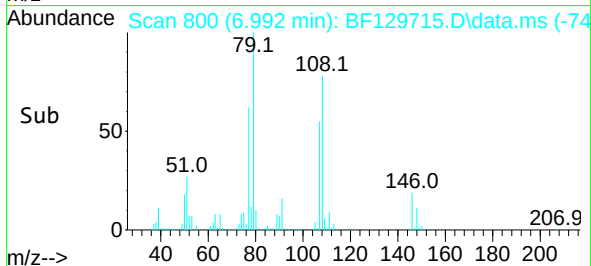
Instrument :
BNA_F
ClientSampleId :
PB146619BS



Tgt Ion: 79 Resp: 40080
Ion Ratio Lower Upper
79 100
108 77.5 61.8 92.6
77 61.9 50.2 75.4

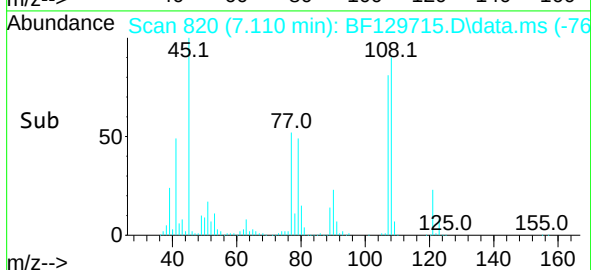
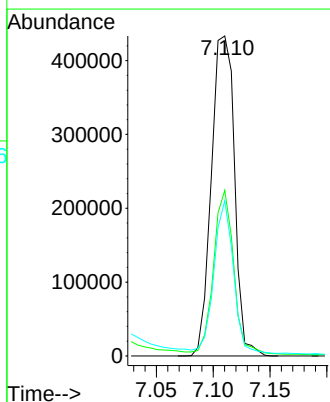
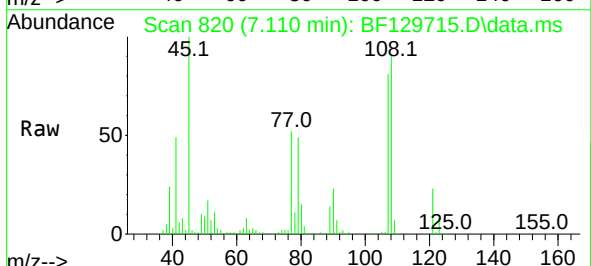
Manual Integrations
APPROVED

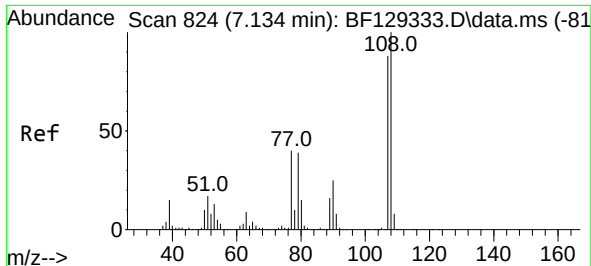
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.114 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 45 Resp: 612733
Ion Ratio Lower Upper
45 100
77 51.8 0.0 31.3#
79 48.5 0.0 28.3#





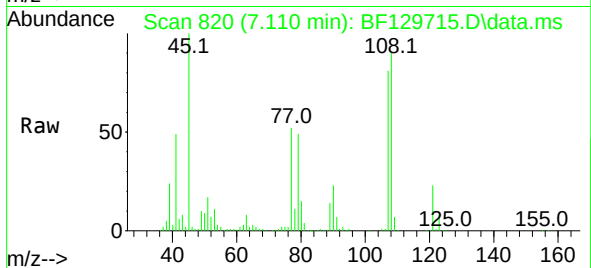
#17
2-Methylphenol
Concen: 40.975 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

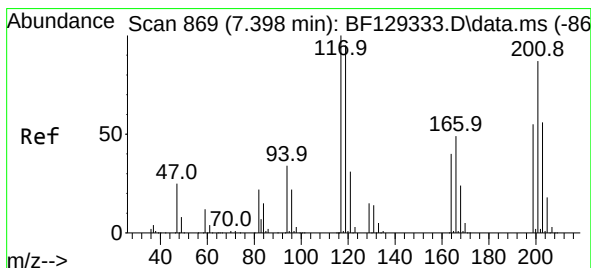
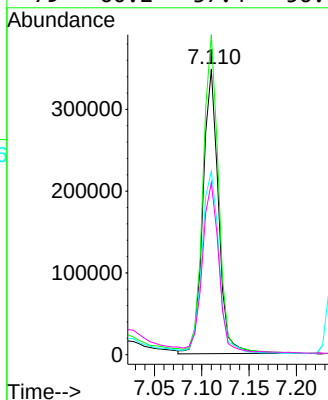
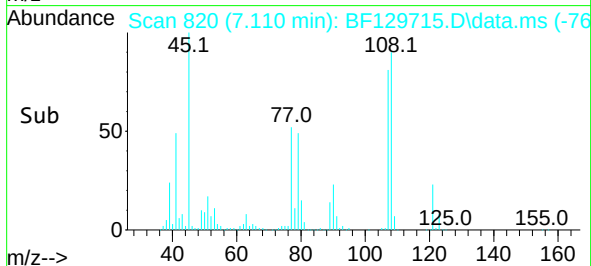


Tgt Ion:107 Resp: 39488
Ion Ratio Lower Upper
107 100
108 112.1 91.9 137.9
77 64.3 37.8 56.8
79 60.2 37.4 56.0#

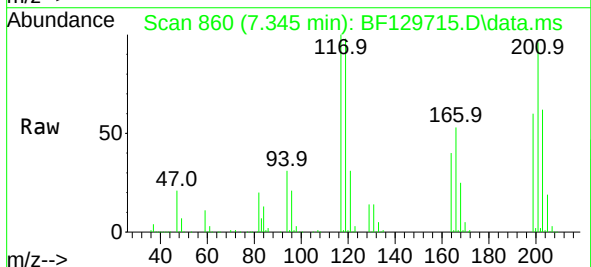
Manual Integrations

APPROVED

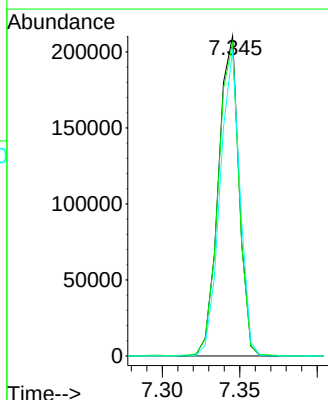
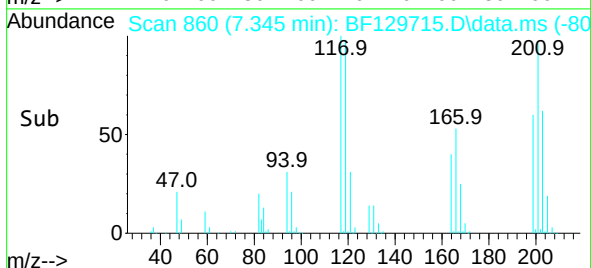
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

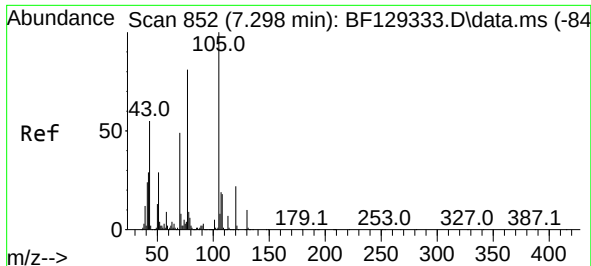


#18
Hexachloroethane
Concen: 40.746 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:117 Resp: 194405
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.2
201 95.7 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.640 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF129715.D

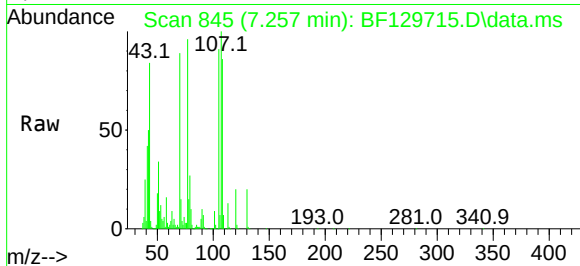
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS



Tgt Ion: 70 Resp: 34500

Ion Ratio Lower Upper

70 100

42 56.5 52.3 78.5

101 9.6 7.5 11.3

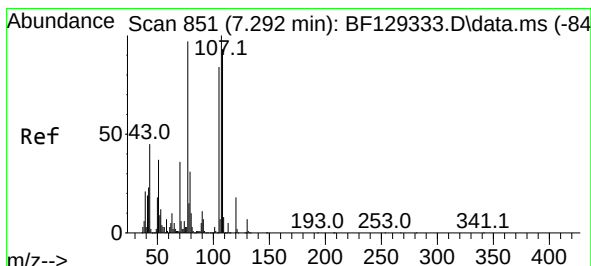
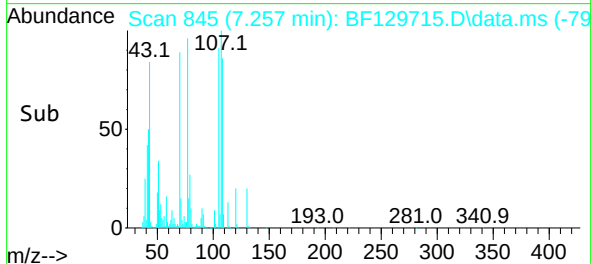
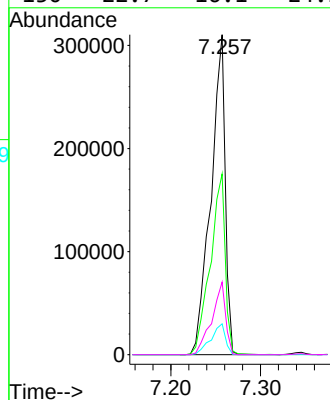
130 22.7 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#20

3+4-Methylphenols

Concen: 42.101 ng

RT: 7.263 min Scan# 846

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Tgt Ion:107 Resp: 515877

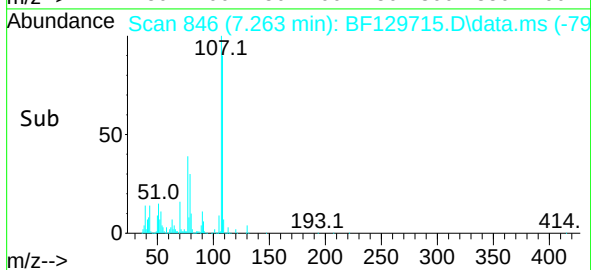
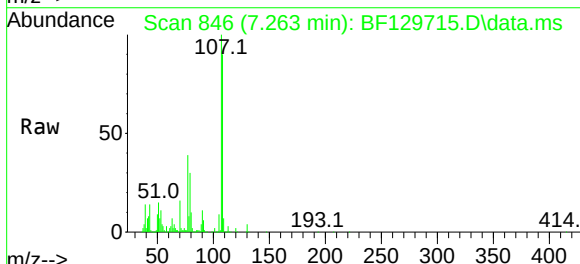
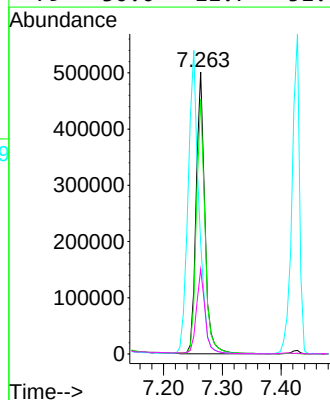
Ion Ratio Lower Upper

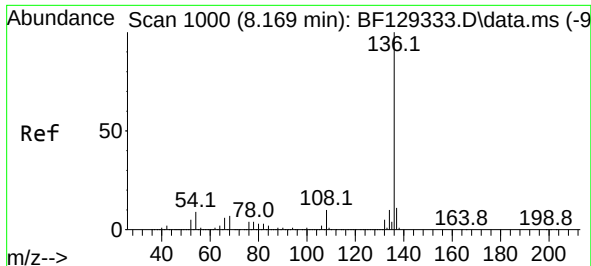
107 100

108 90.3 71.8 111.8

77 39.3 59.3 99.3#

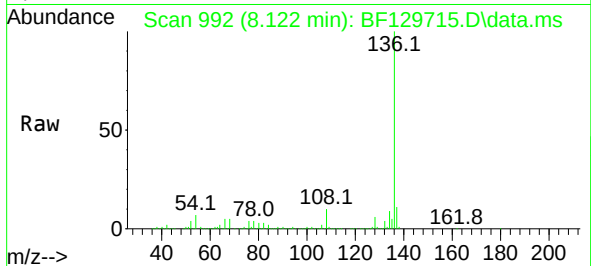
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

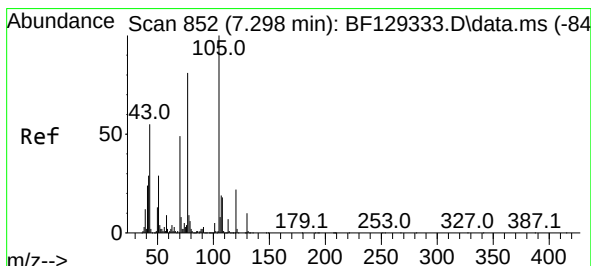
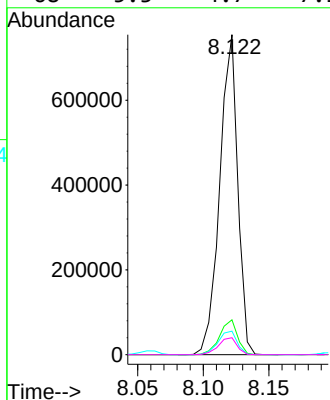
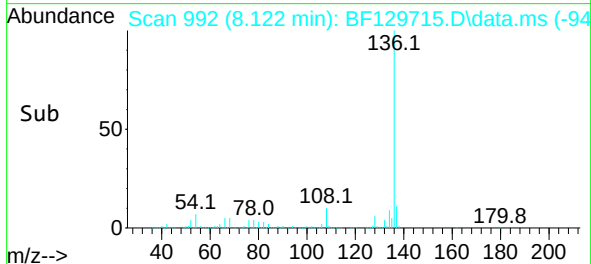
Instrument :
BNA_F
ClientSampleId :
PB146619BS



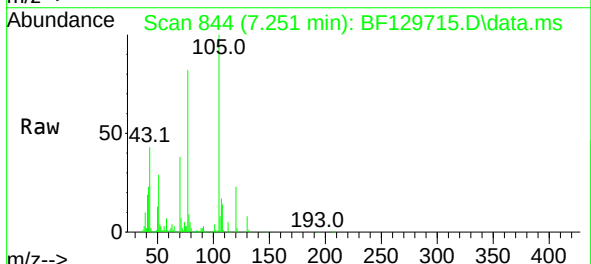
Tgt Ion:136 Resp: 717920
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 7.5 11.3
68 5.3 4.7 7.1

Manual Integrations
APPROVED

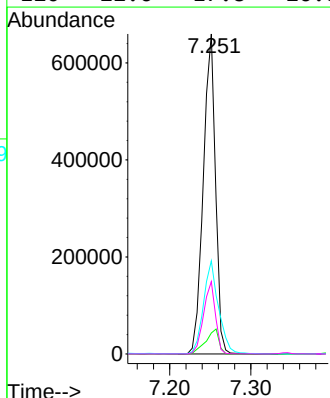
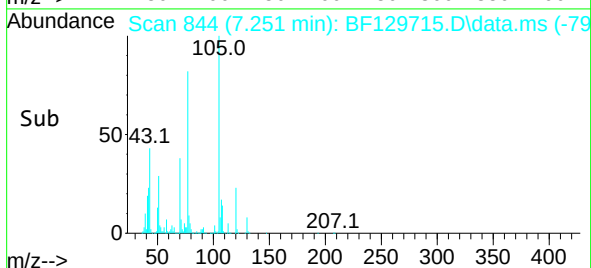
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

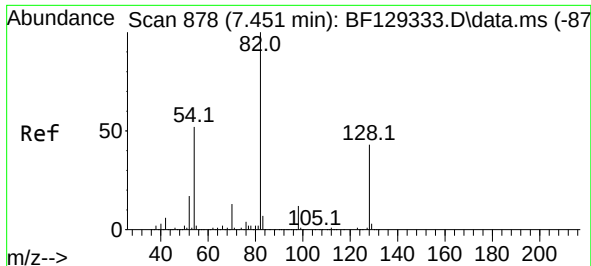


#22
Acetophenone
Concen: 41.112 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



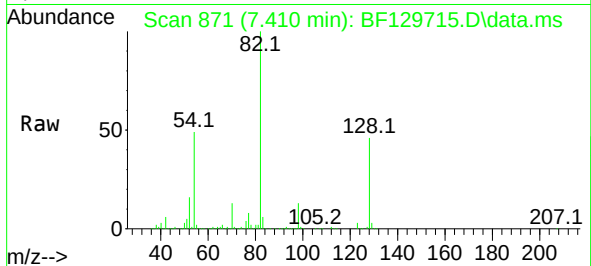
Tgt Ion:105 Resp: 687174
Ion Ratio Lower Upper
105 100
71 6.5 5.0 7.4
51 29.1 25.0 37.4
120 22.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 74.420 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

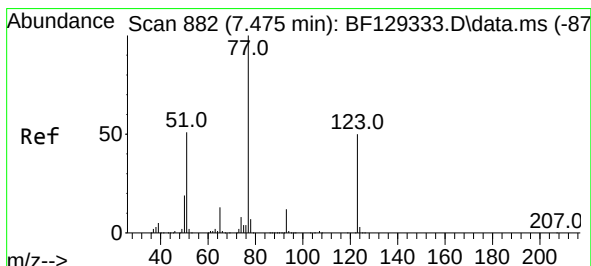
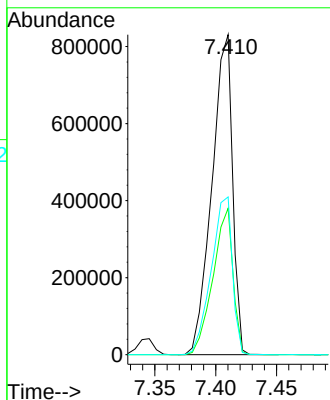
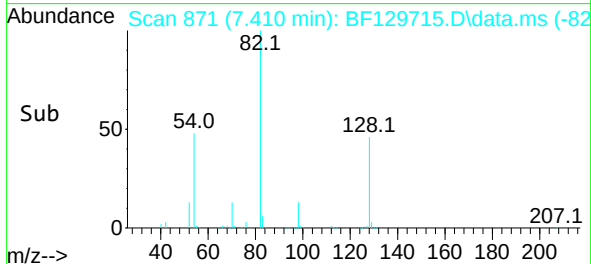
Instrument :
BNA_F
ClientSampleId :
PB146619BS



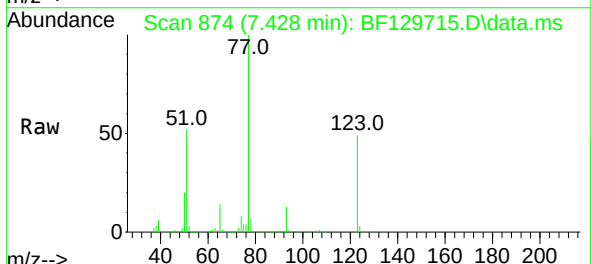
Tgt Ion: 82 Resp: 978720
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 49.3 46.9 70.3

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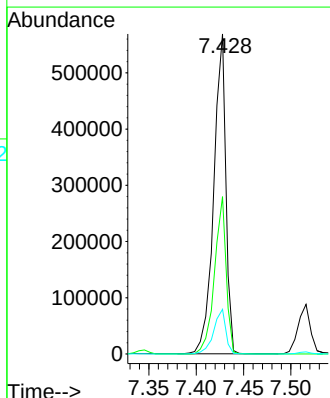
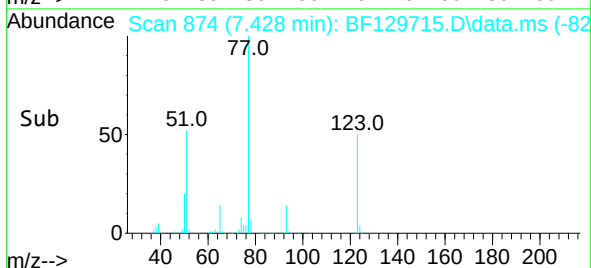
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

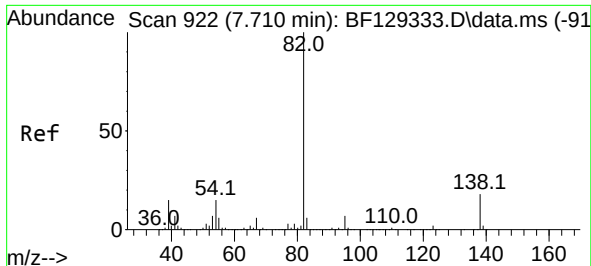


#24
Nitrobenzene
Concen: 37.252 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



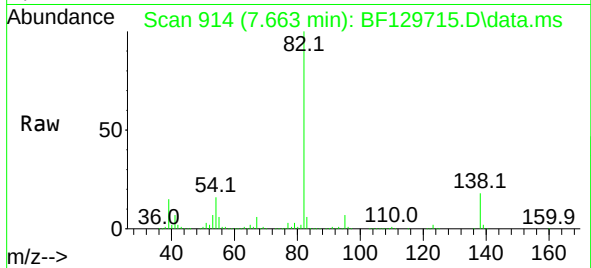
Tgt Ion: 77 Resp: 504497
Ion Ratio Lower Upper
77 100
123 49.2 35.4 53.2
65 14.0 11.8 17.8





#25
Isophorone
Concen: 40.175 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

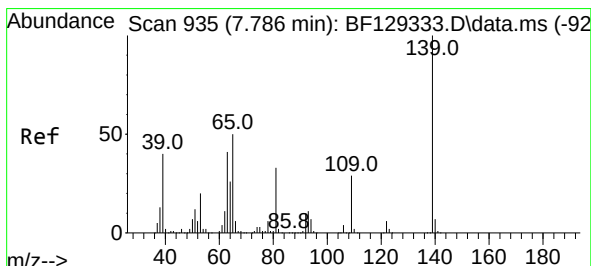
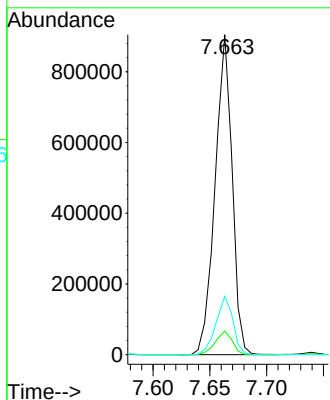
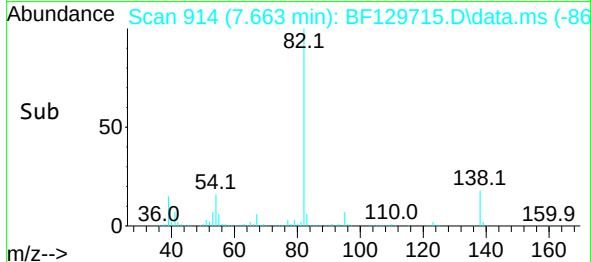
Instrument :
BNA_F
ClientSampleId :
PB146619BS



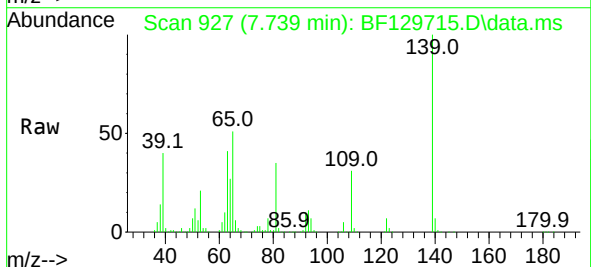
Tgt Ion: 82 Resp: 947093
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.2 14.2 21.2

Manual Integrations
APPROVED

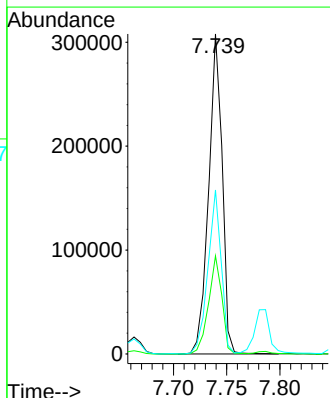
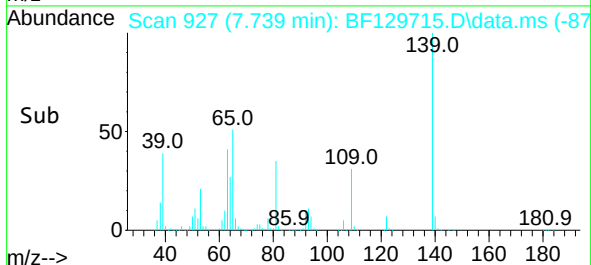
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

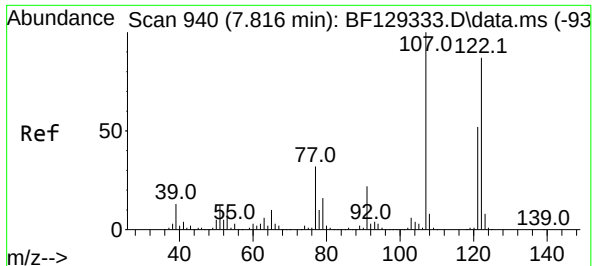


#26
2-Nitrophenol
Concen: 40.918 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:139 Resp: 273378
Ion Ratio Lower Upper
139 100
109 30.7 25.0 37.4
65 51.2 45.1 67.7





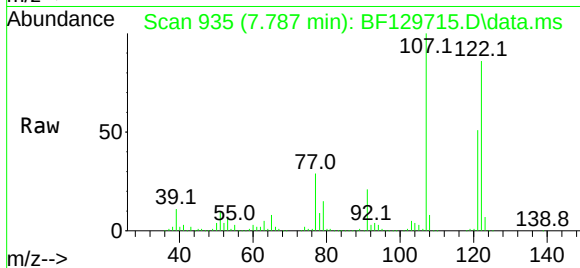
#27
2,4-Dimethylphenol
Concen: 44.698 ng m
RT: 7.787 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

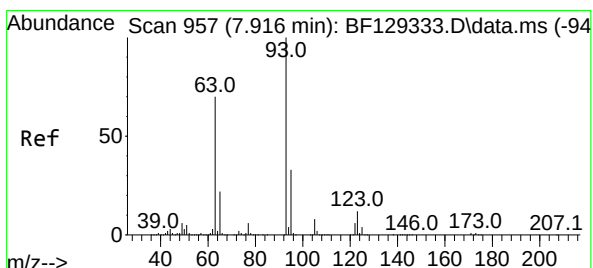
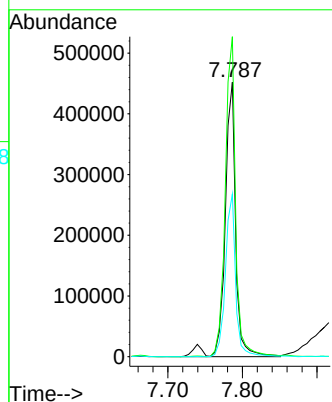


Tgt Ion:122 Resp: 447948
Ion Ratio Lower Upper
122 100
107 116.5 93.0 139.6
121 59.2 46.6 70.0

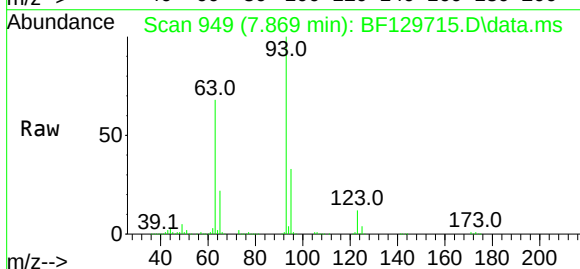
Manual Integrations

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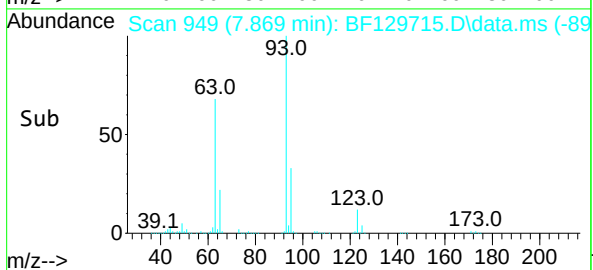
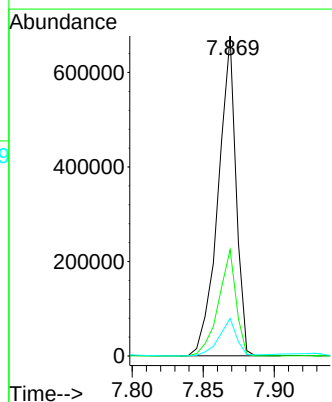
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

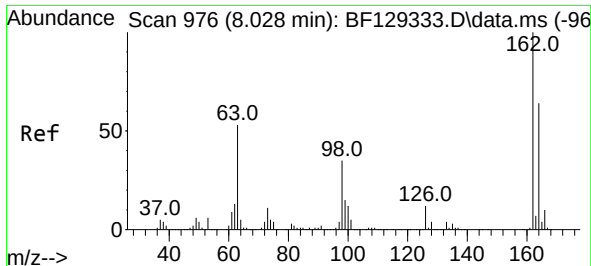


#28
bis(2-Chloroethoxy)methane
Concen: 43.393 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion: 93 Resp: 593415
Ion Ratio Lower Upper
93 100
95 33.3 26.8 40.2
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.343 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

Tgt Ion:162 Resp: 417302

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

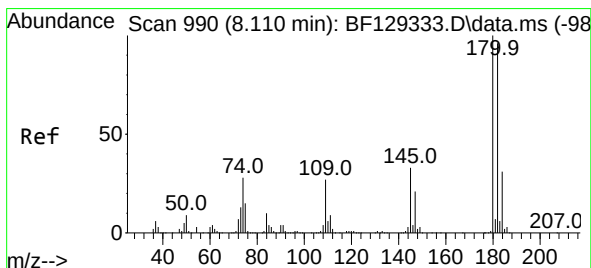
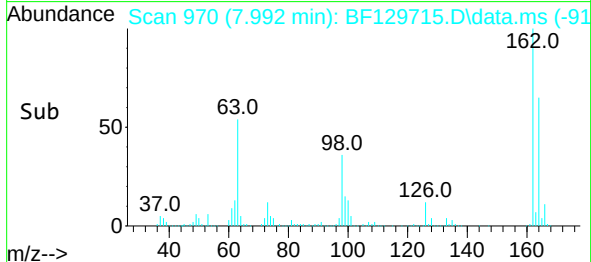
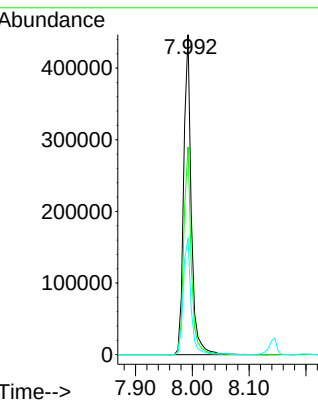
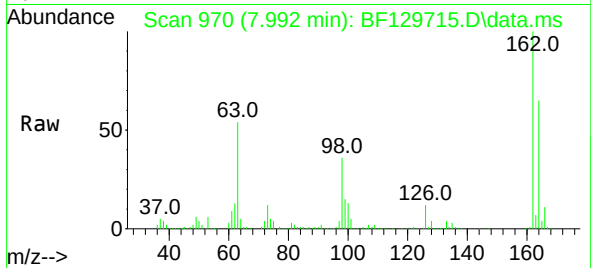
98 36.2 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.611 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

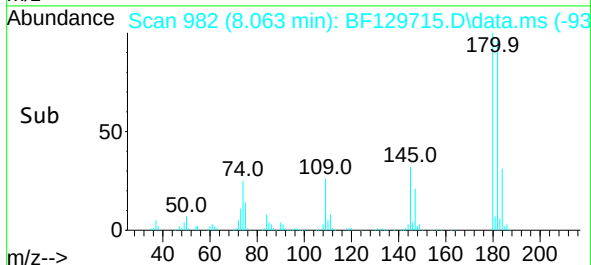
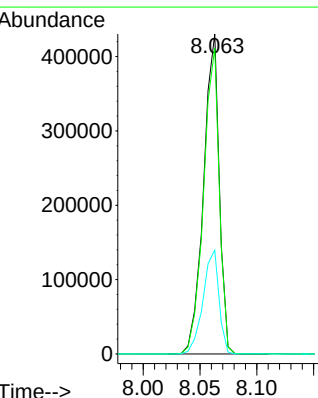
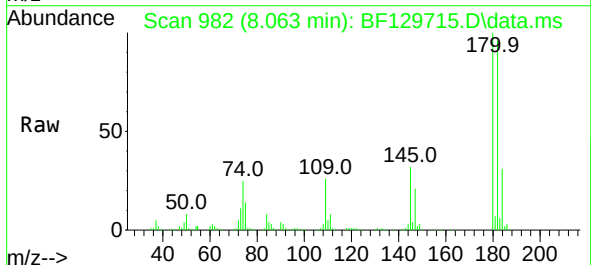
Tgt Ion:180 Resp: 413392

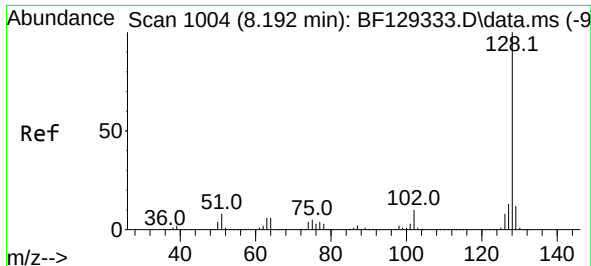
Ion Ratio Lower Upper

180 100

182 95.7 79.2 118.8

145 32.4 26.2 39.2





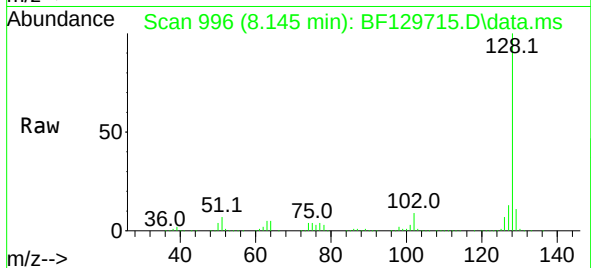
#31
Naphthalene
Concen: 38.675 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

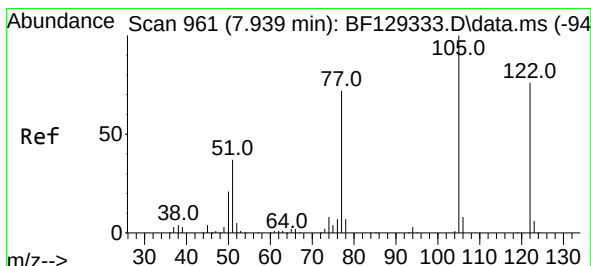
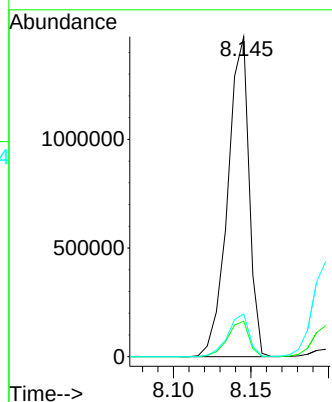


Tgt Ion:128 Resp: 141067
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.5 15.7

Manual Integrations

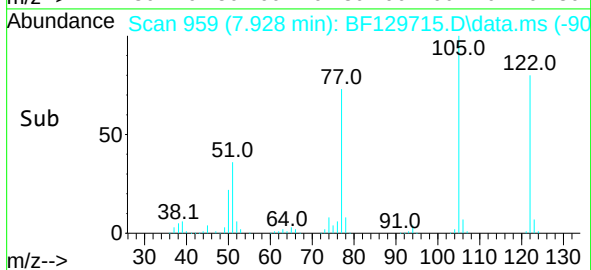
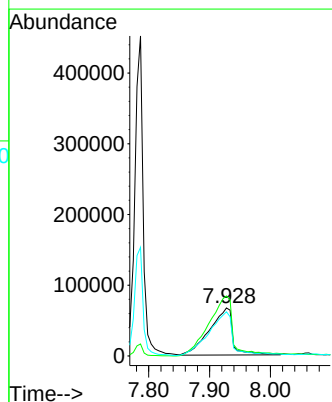
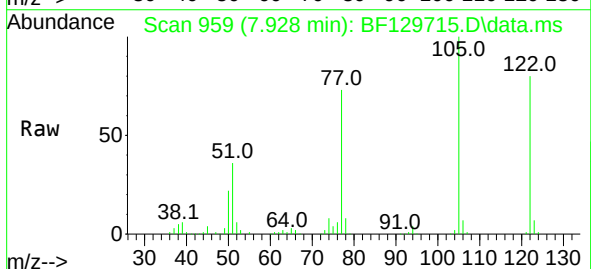
APPROVED

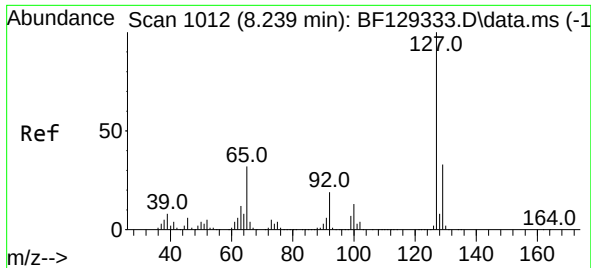
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#32
Benzoic acid
Concen: 24.523 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:122 Resp: 177672
Ion Ratio Lower Upper
122 100
105 124.9 107.1 147.1
77 91.8 74.2 114.2





#33
4-Chloroaniline
Concen: 30.664 ng
RT: 8.198 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

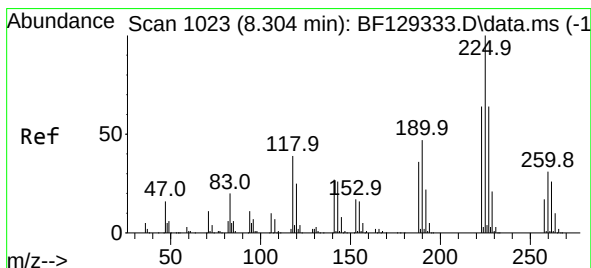
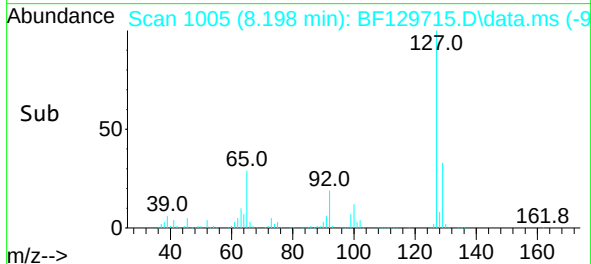
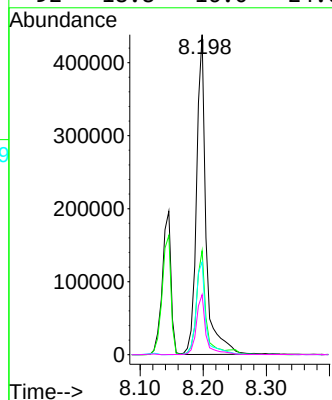
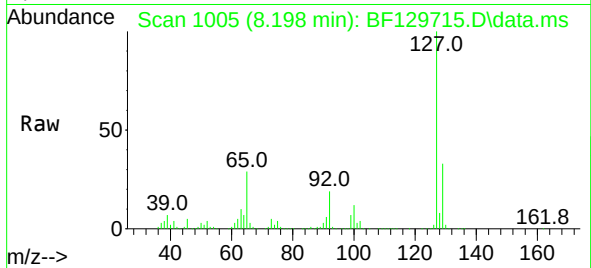
ClientSampleId :

PB146619BS

Tgt Ion:127 Resp: 45918
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 28.9 26.4 39.6
92 18.8 16.0 24.0

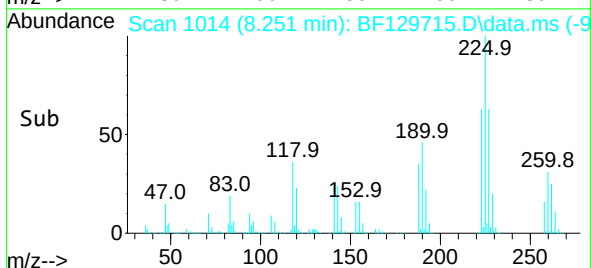
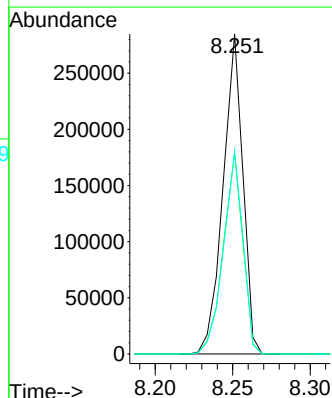
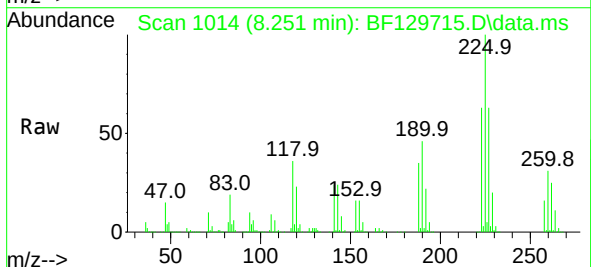
Manual Integrations
APPROVED

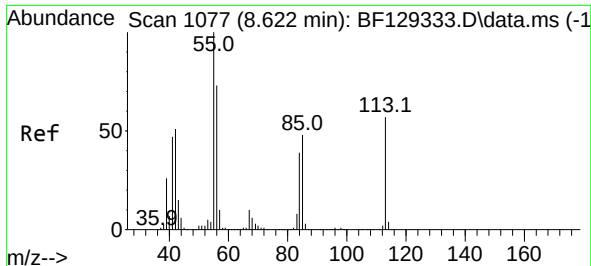
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#34
Hexachlorobutadiene
Concen: 41.597 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

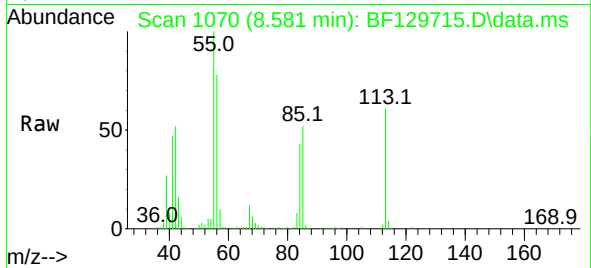
Tgt Ion:225 Resp: 253158
Ion Ratio Lower Upper
225 100
223 62.8 51.0 76.6
227 63.5 51.1 76.7





#35
 Caprolactam
 Concen: 40.225 ng m
 RT: 8.581 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

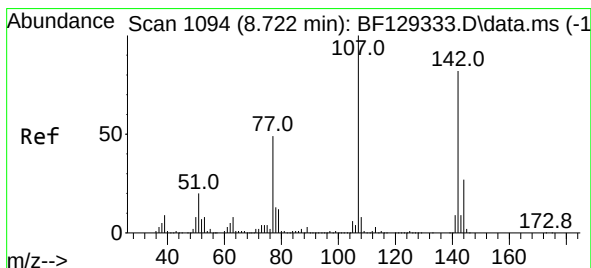
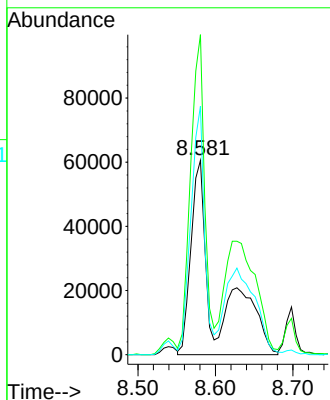
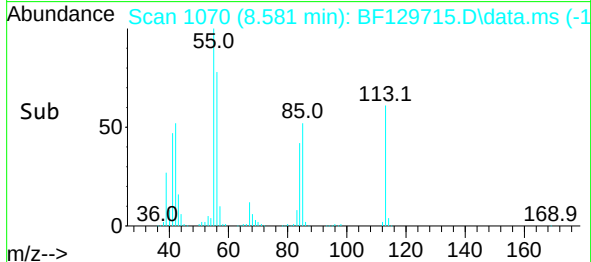
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS



Tgt Ion:113 Resp: 135274
 Ion Ratio Lower Upper
 113 100
 55 164.7 188.5 228.5
 56 127.9 130.6 170.6

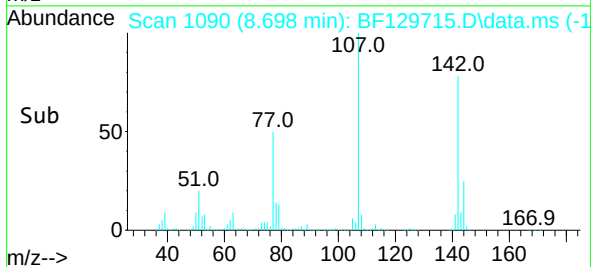
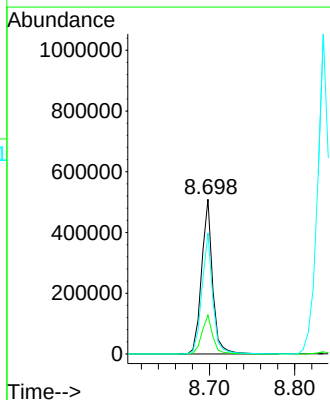
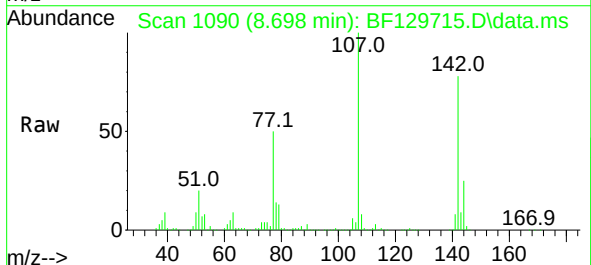
Manual Integrations
 APPROVED

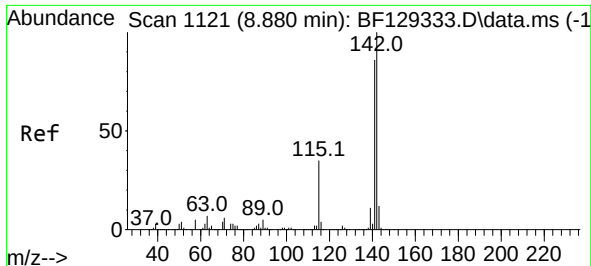
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.534 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Tgt Ion:107 Resp: 455666
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.5 29.3
 142 78.2 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.543 ng

RT: 8.834 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

Tgt Ion:142 Resp: 937298

Ion Ratio Lower Upper

142 100

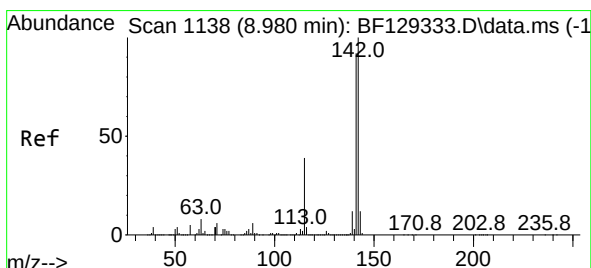
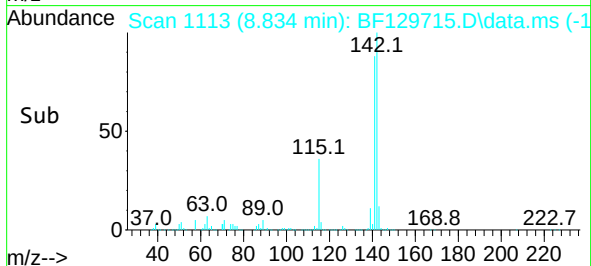
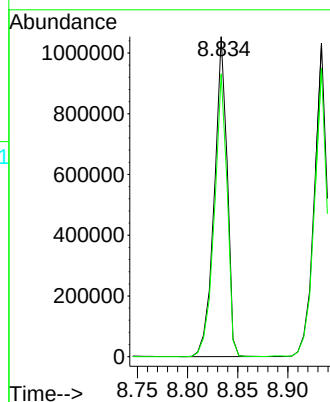
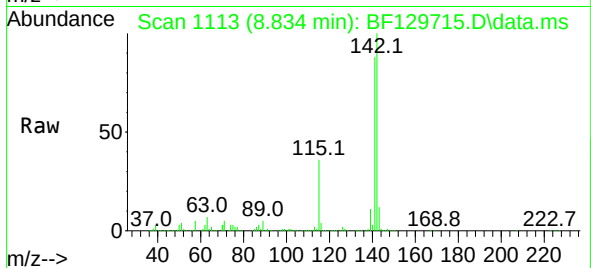
141 88.4 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#38

1-Methylnaphthalene

Concen: 38.639 ng

RT: 8.934 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BF129715.D

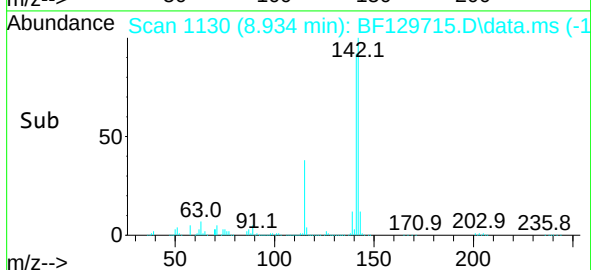
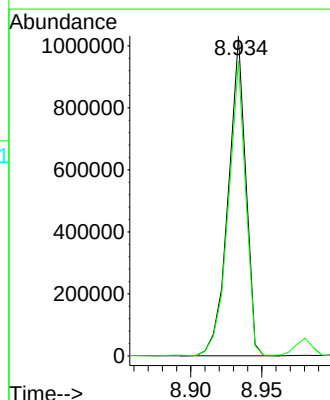
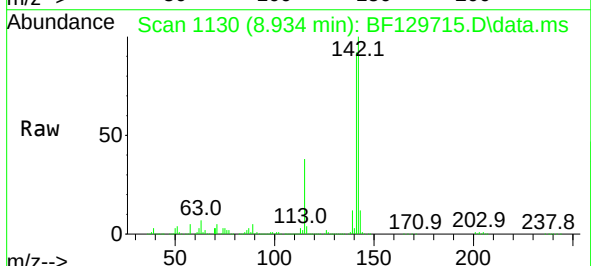
Acq: 11 Aug 2022 14:24

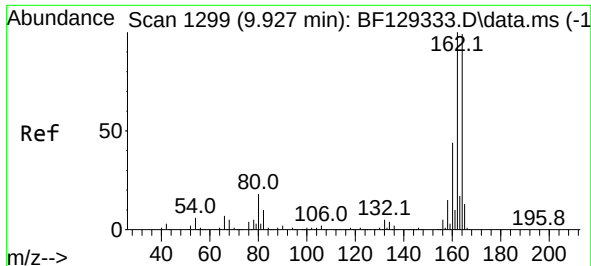
Tgt Ion:142 Resp: 884141

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4





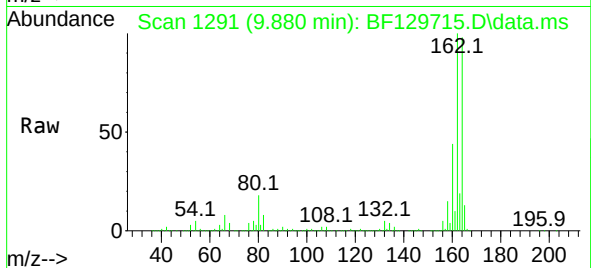
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

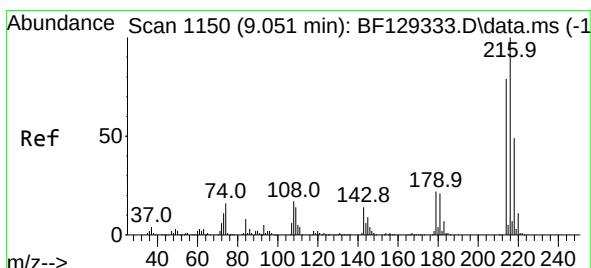
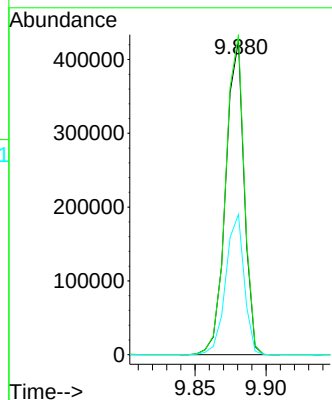
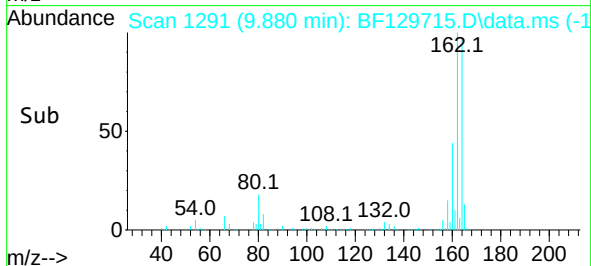


Tgt Ion:164 Resp: 385084
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 44.7 34.2 51.4

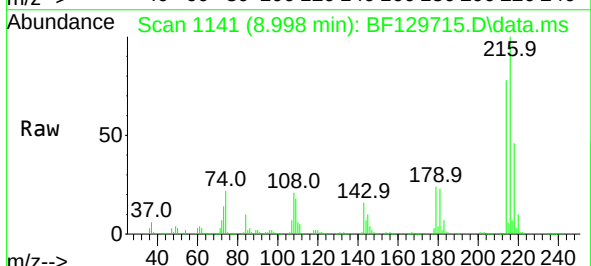
Manual Integrations

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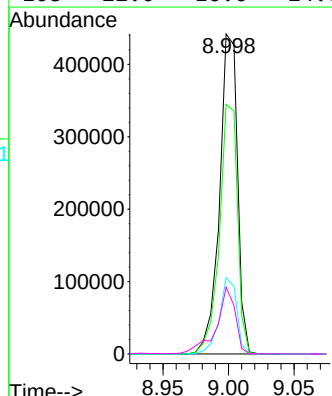
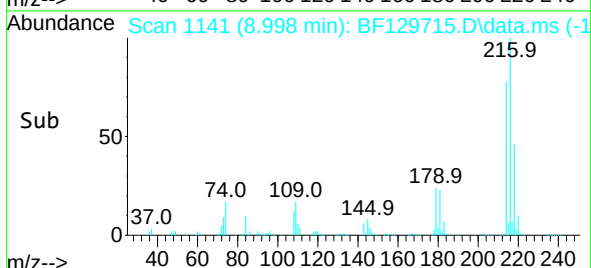
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

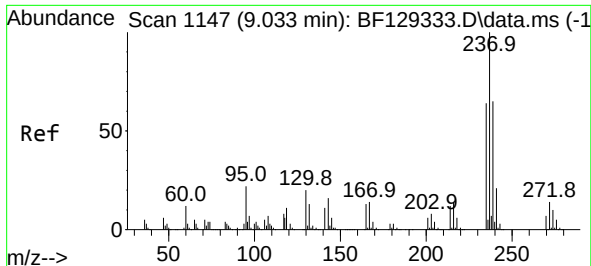


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.564 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



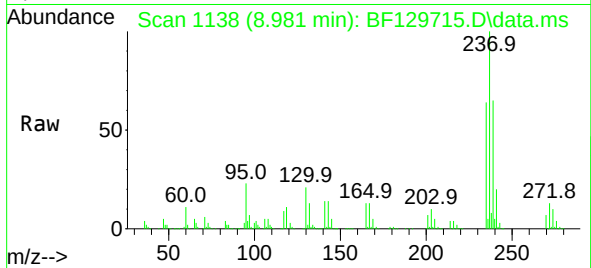
Tgt Ion:216 Resp: 420274
Ion Ratio Lower Upper
216 100
214 78.4 63.6 95.4
179 23.0 17.0 25.6
108 22.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 76.426 ng
RT: 8.981 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

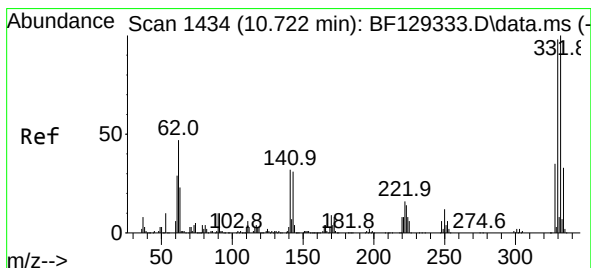
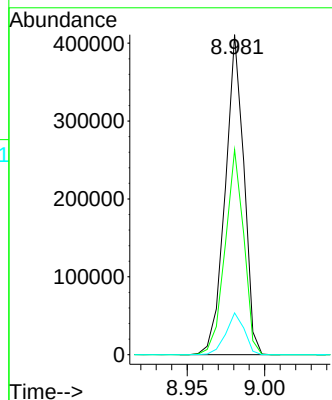
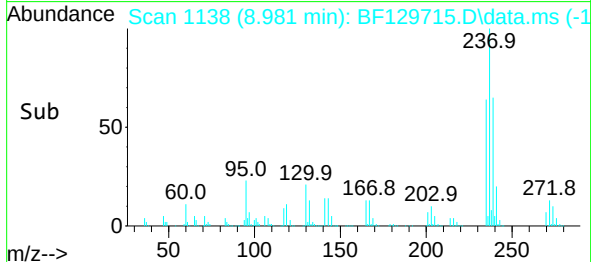
Instrument :
BNA_F
ClientSampleId :
PB146619BS



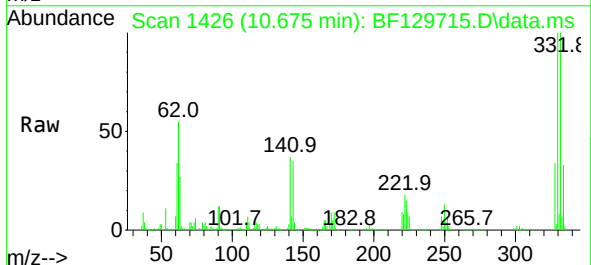
Tgt Ion:237 Resp: 34411
Ion Ratio Lower Upper
237 100
235 64.1 43.2 83.2
272 13.0 0.0 31.9

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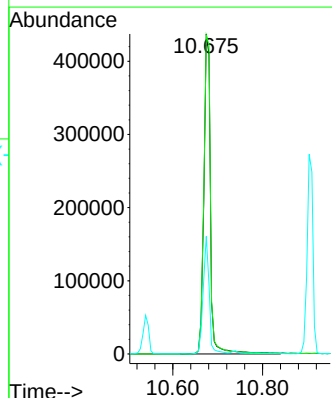
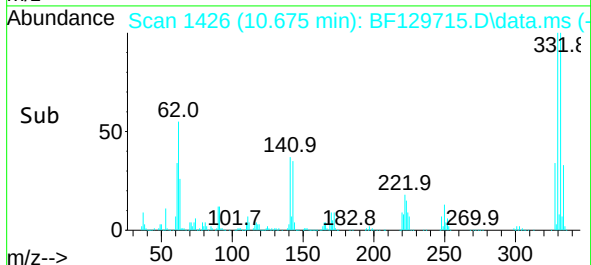
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

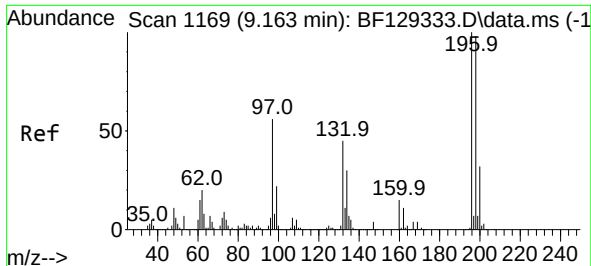


#42
2,4,6-Tribromophenol
Concen: 120.721 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:330 Resp: 446945
Ion Ratio Lower Upper
330 100
332 101.5 76.8 115.2
141 33.5 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 35.986 ng
RT: 9.122 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

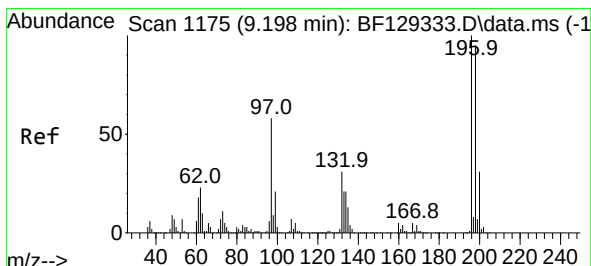
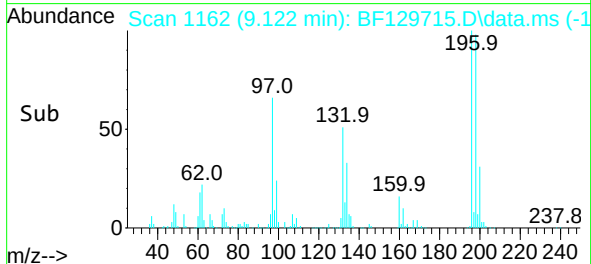
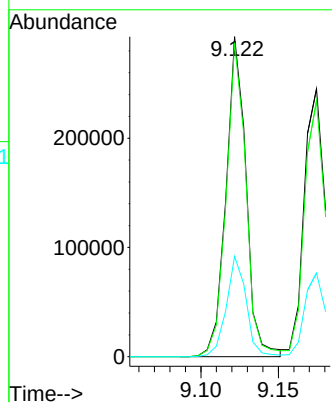
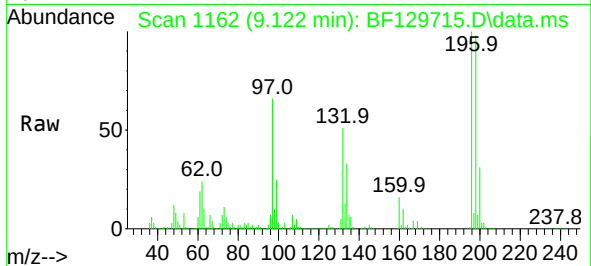
ClientSampleId :

PB146619BS

Tgt Ion:196 Resp: 26428
Ion Ratio Lower Upper
196 100
198 98.1 74.0 111.0
200 31.4 24.1 36.1

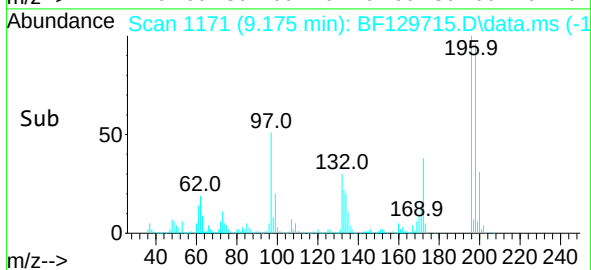
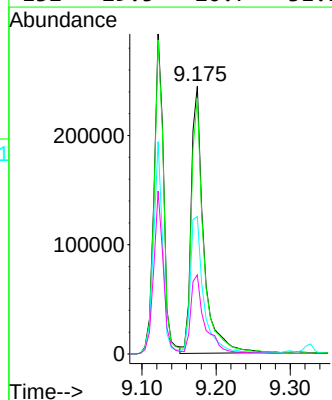
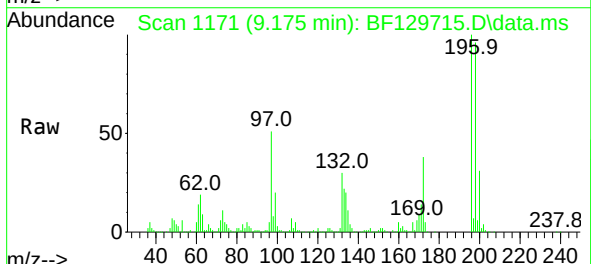
Manual Integrations
APPROVED

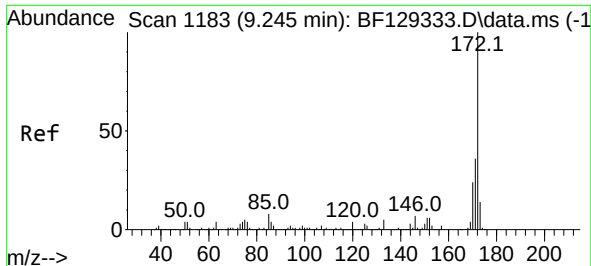
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#44
2,4,5-Trichlorophenol
Concen: 36.047 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:196 Resp: 287893
Ion Ratio Lower Upper
196 100
198 95.6 75.7 113.5
97 51.3 36.4 54.6
132 29.5 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 73.405 ng
RT: 9.198 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

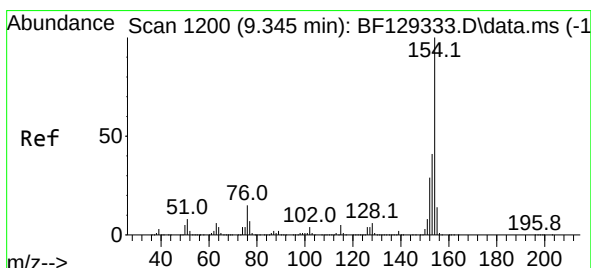
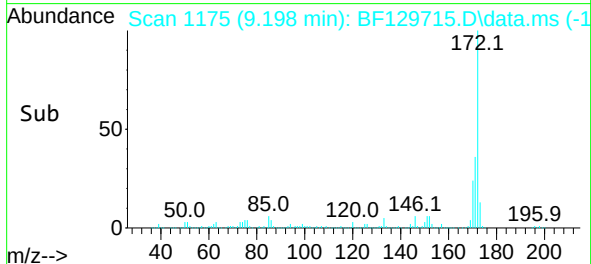
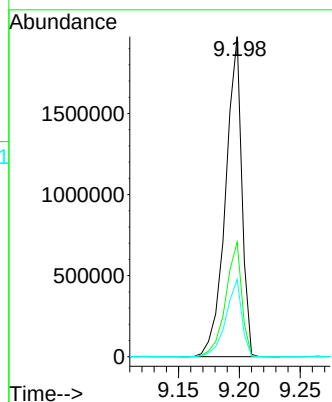
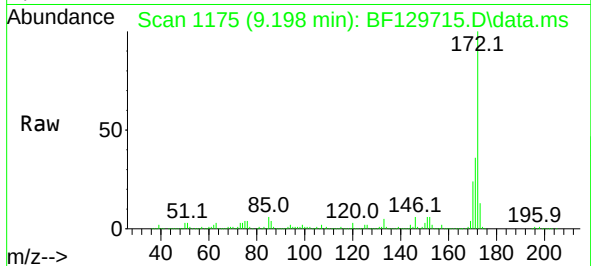
ClientSampleId :

PB146619BS

Tgt Ion:172 Resp: 182727
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.2 19.8 29.8

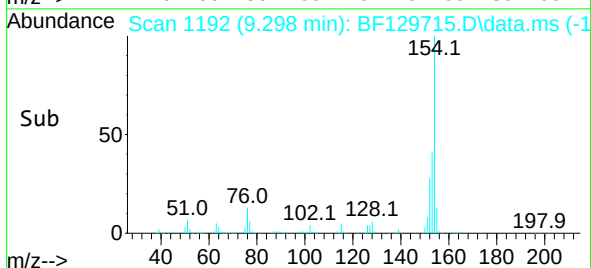
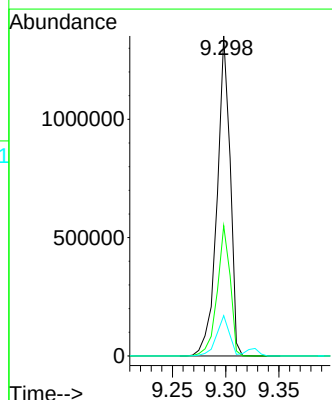
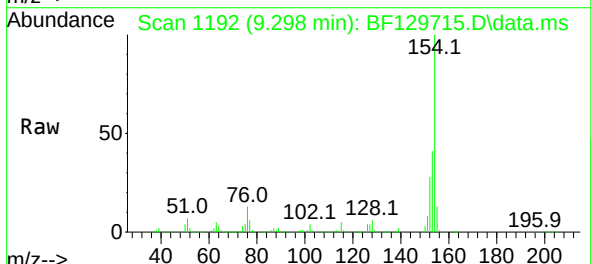
Manual Integrations
APPROVED

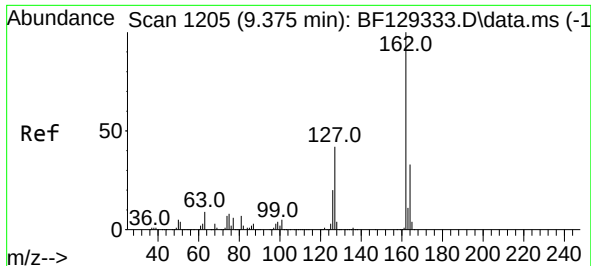
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#46
1,1'-Biphenyl
Concen: 40.815 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:154 Resp: 1147050
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.866 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

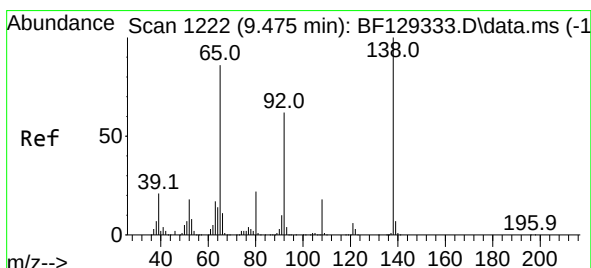
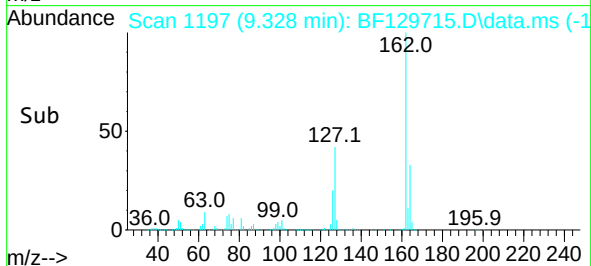
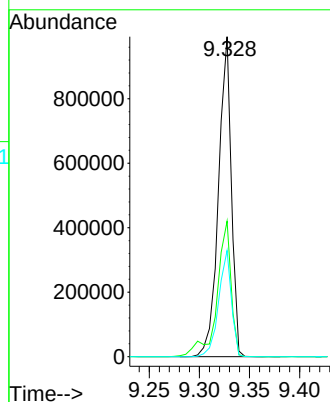
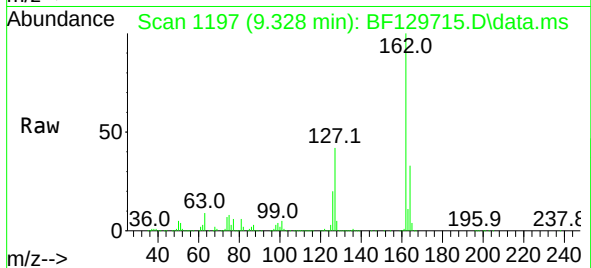
Tgt Ion: 162 Resp: 882994

Ion	Ratio	Lower	Upper
162	100		
127	42.3	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: 37.721 ng

RT: 9.433 min Scan# 1215

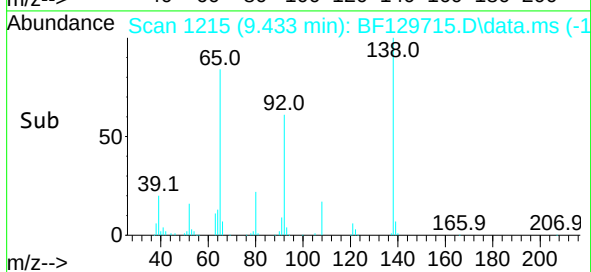
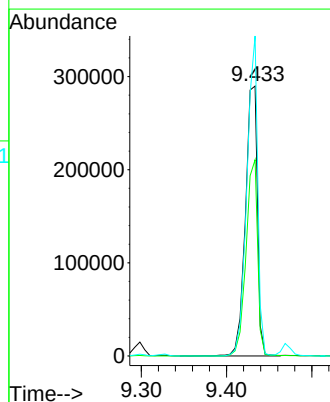
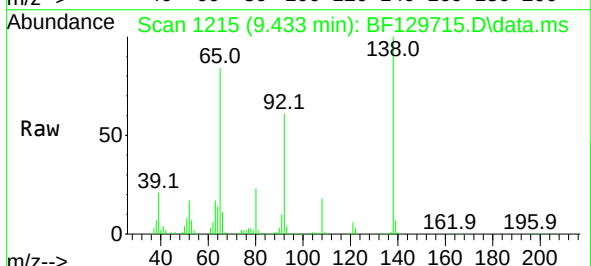
Delta R.T. 0.006 min

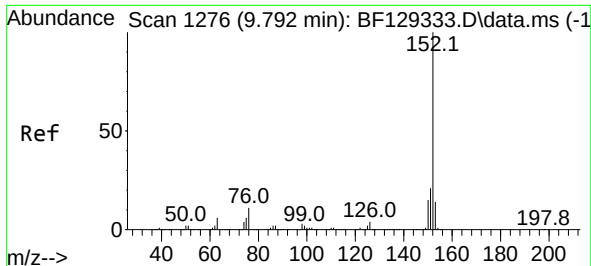
Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Tgt Ion: 65 Resp: 284965

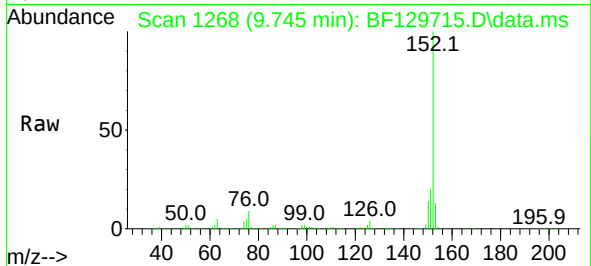
Ion	Ratio	Lower	Upper
65	100		
92	72.6	51.9	77.9
138	118.5	76.4	114.6





#49
Acenaphthylene
Concen: 38.945 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

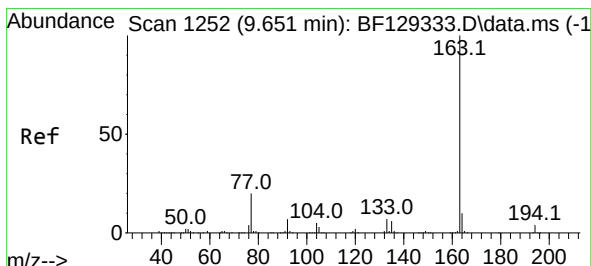
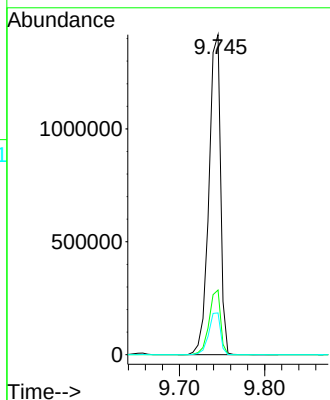
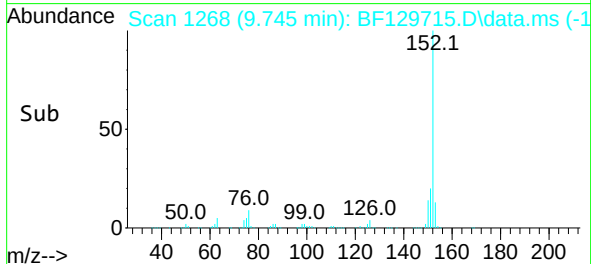
Instrument :
BNA_F
ClientSampleId :
PB146619BS



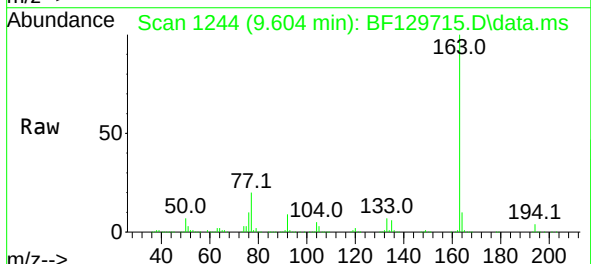
Tgt Ion:152 Resp: 1344419
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.1 10.7 16.1

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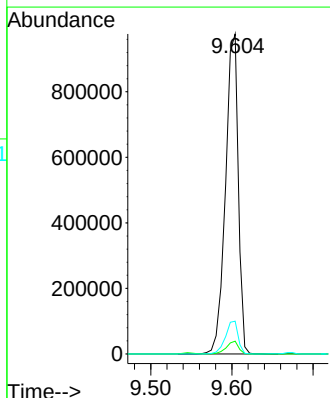
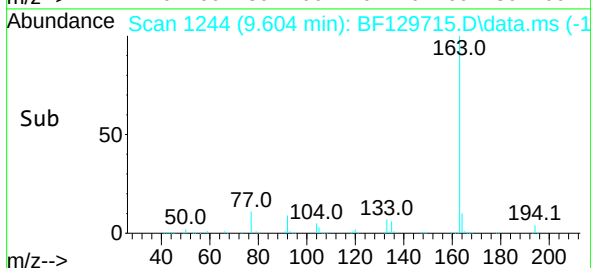
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

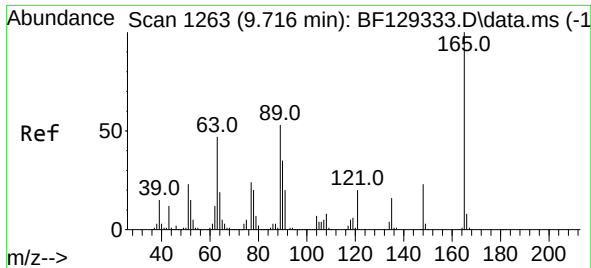


#50
Dimethylphthalate
Concen: 40.296 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



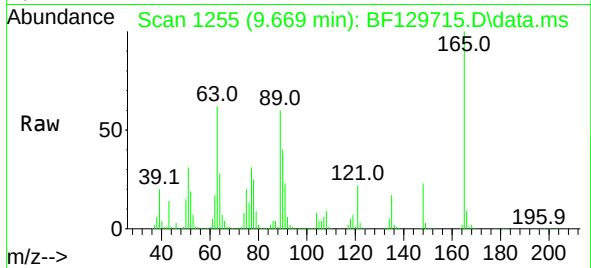
Tgt Ion:163 Resp: 1071205
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.361 ng
RT: 9.669 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

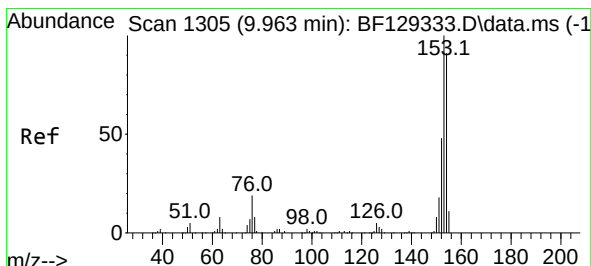
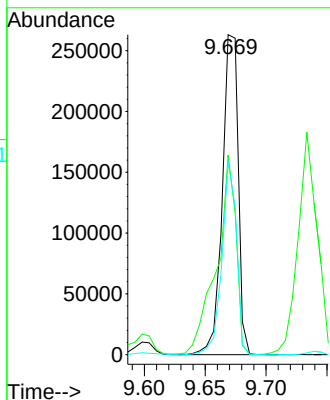
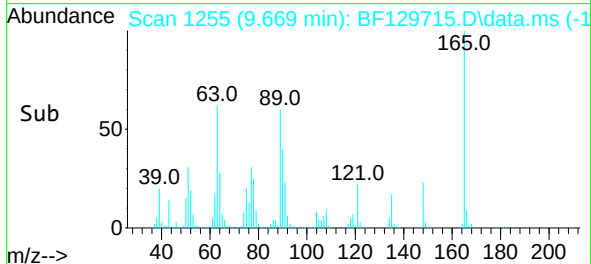
Instrument :
BNA_F
ClientSampleId :
PB146619BS



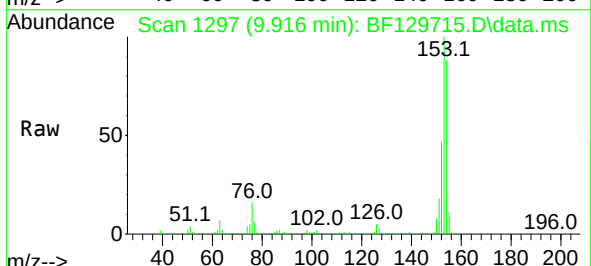
Tgt Ion:165 Resp: 24014
Ion Ratio Lower Upper
165 100
63 62.4 44.9 67.3
89 60.2 43.6 65.4

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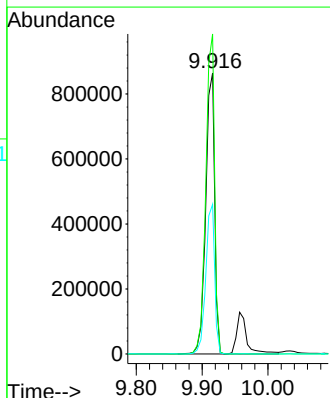
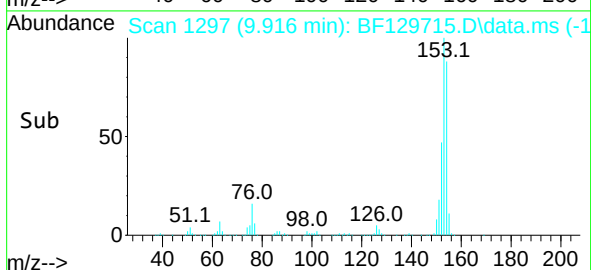
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

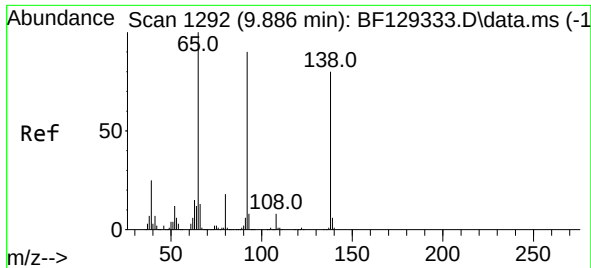


#52
Acenaphthene
Concen: 41.818 ng m
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



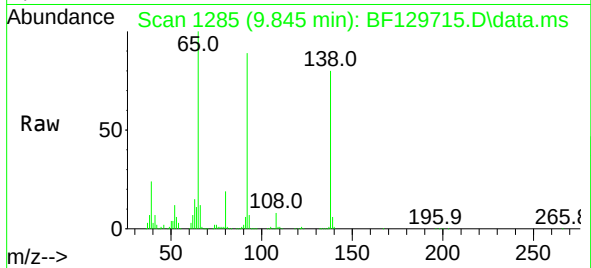
Tgt Ion:154 Resp: 942876
Ion Ratio Lower Upper
154 100
153 113.9 89.6 134.4
152 53.2 42.4 63.6





#53
3-Nitroaniline
Concen: 27.243 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

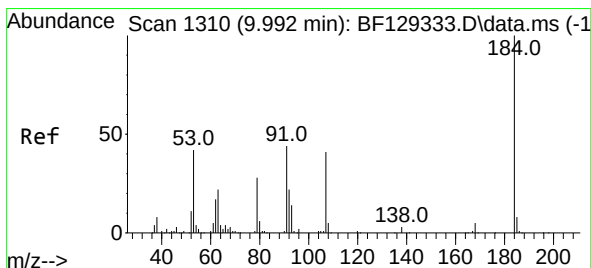
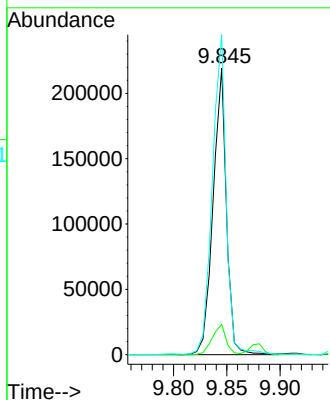
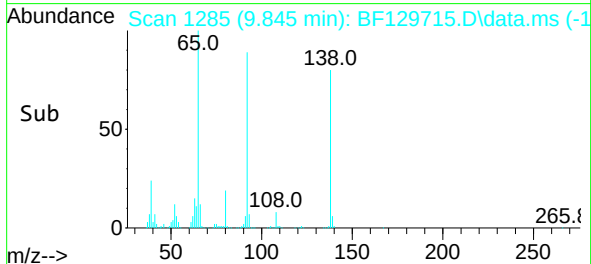
Instrument :
BNA_F
ClientSampleId :
PB146619BS



Tgt Ion:138 Resp: 191400
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3
92 111.6 98.2 147.2

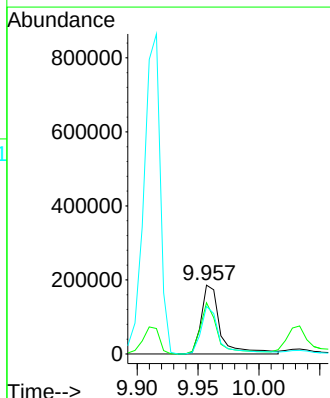
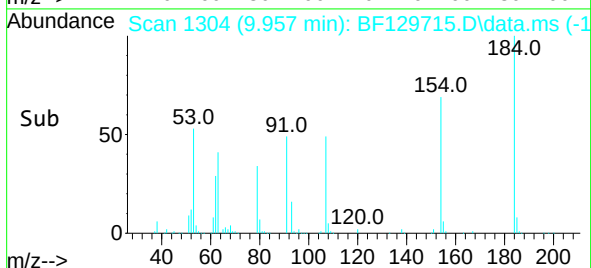
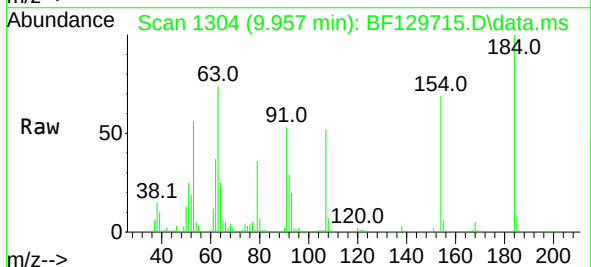
Manual Integrations
APPROVED

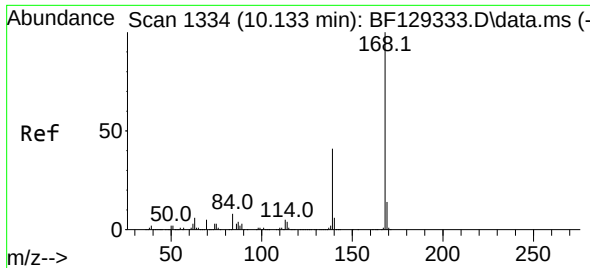
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#54
2,4-Dinitrophenol
Concen: 66.805 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

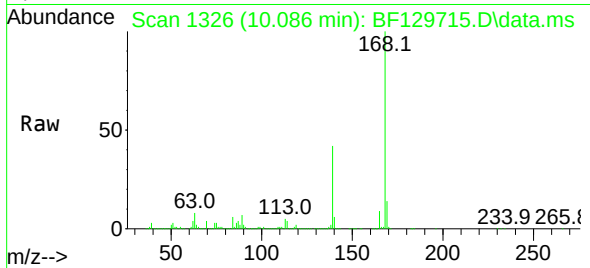
Tgt Ion:184 Resp: 202915
Ion Ratio Lower Upper
184 100
63 74.3 64.5 96.7
154 69.0 50.6 75.8





#55
Dibenzofuran
Concen: 38.786 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

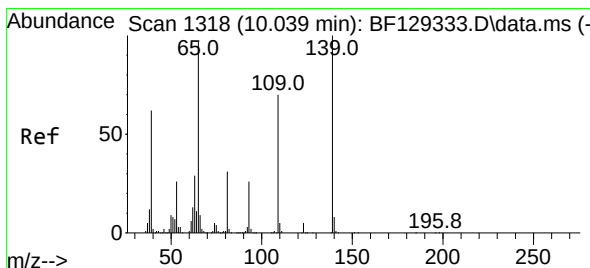
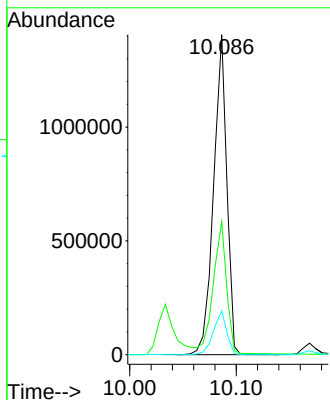
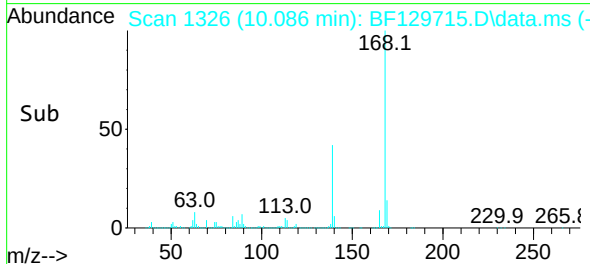
Instrument :
BNA_F
ClientSampleId :
PB146619BS



Tgt Ion:168 Resp: 120554
Ion Ratio Lower Upper
168 100
139 41.5 30.6 46.0
169 13.6 11.0 16.6

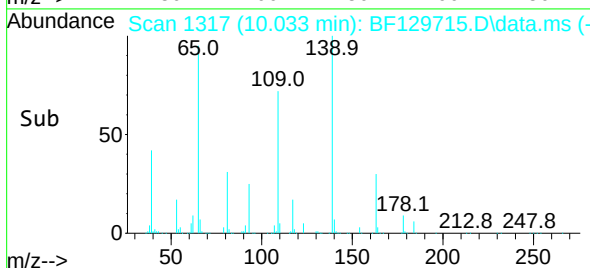
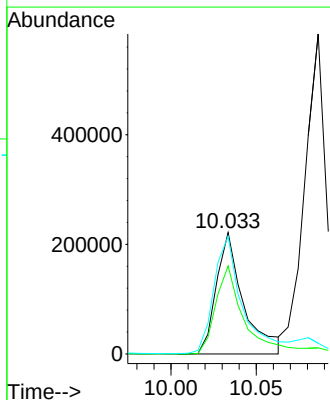
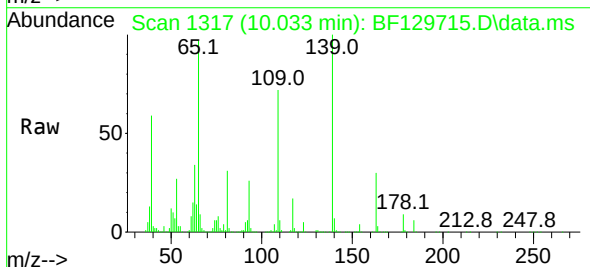
Manual Integrations
APPROVED

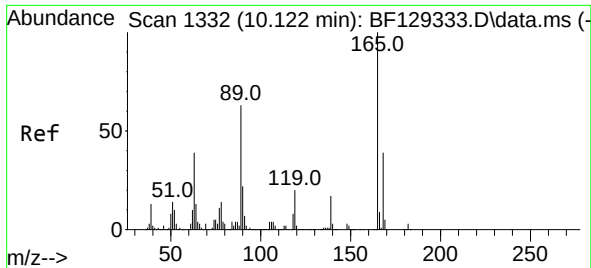
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#56
4-Nitrophenol
Concen: 47.510 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:139 Resp: 246262
Ion Ratio Lower Upper
139 100
109 72.5 50.7 90.7
65 96.9 74.5 114.5





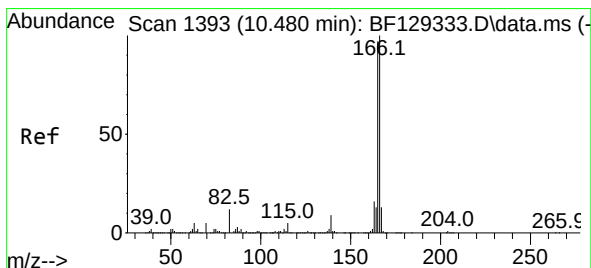
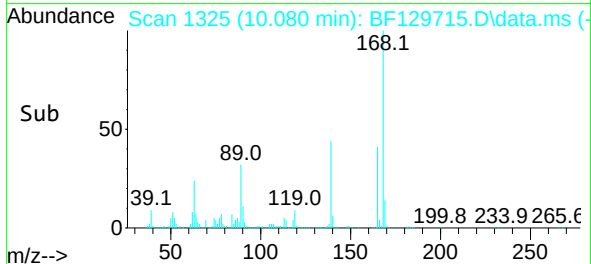
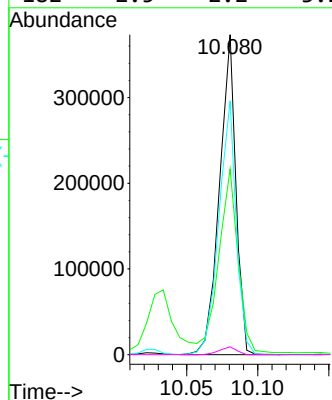
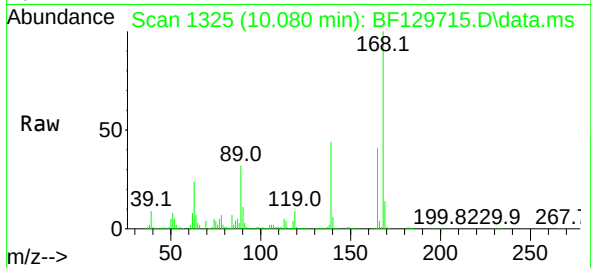
#57
2,4-Dinitrotoluene
Concen: 38.501 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:165 Resp: 29925
Ion Ratio Lower Upper
165 100
63 58.1 39.8 59.6
89 79.3 60.2 90.2
182 2.5 2.2 3.2

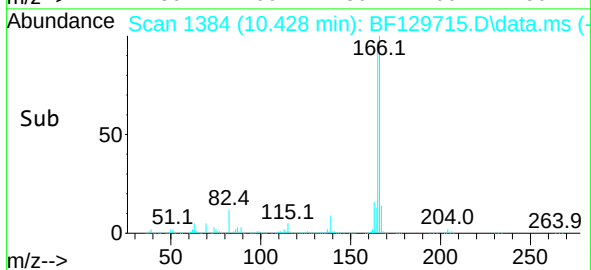
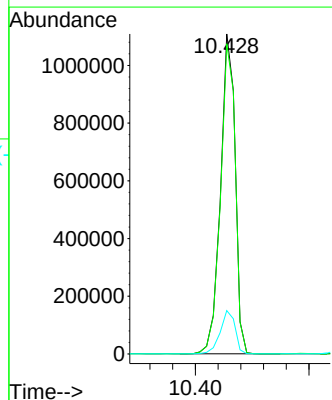
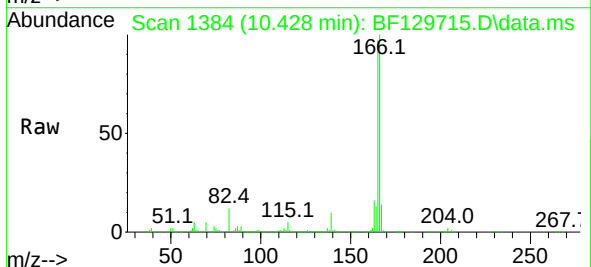
Manual Integrations
APPROVED

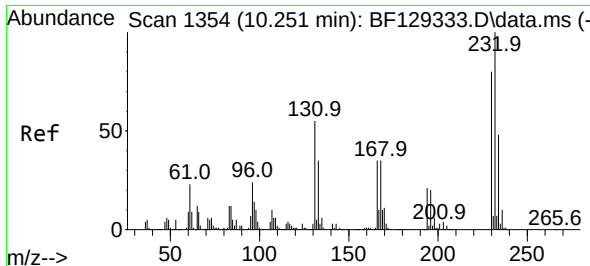
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#58
Fluorene
Concen: 39.999 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

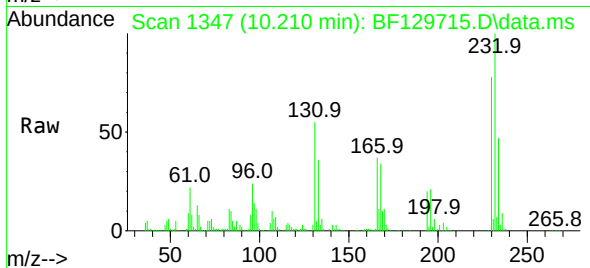
Tgt Ion:166 Resp: 994736
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.341 ng
RT: 10.210 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

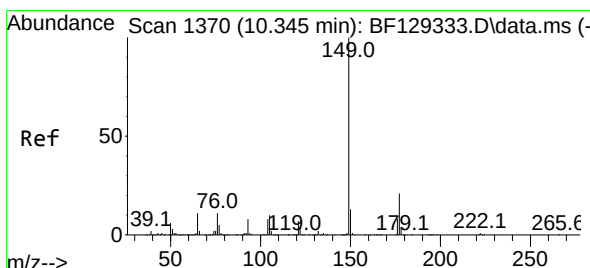
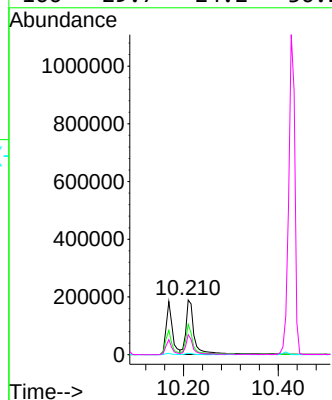
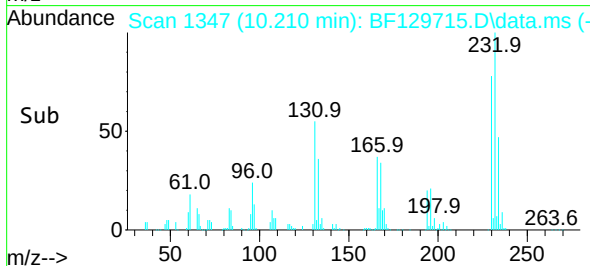
Instrument :
BNA_F
ClientSampleId :
PB146619BS



Tgt Ion:232 Resp: 230461
Ion Ratio Lower Upper
232 100
131 44.2 36.1 54.1
130 2.2 1.8 2.8
166 29.7 24.2 36.2

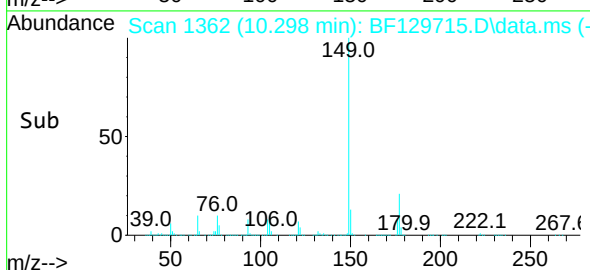
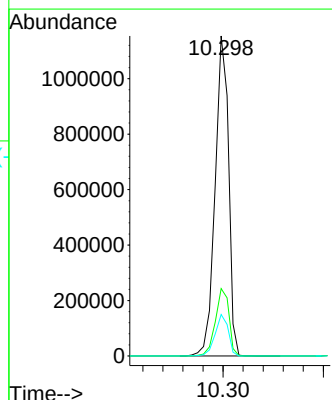
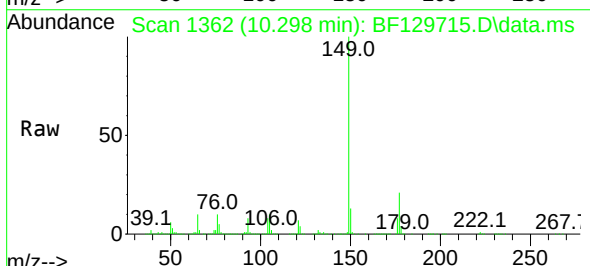
Manual Integrations
APPROVED

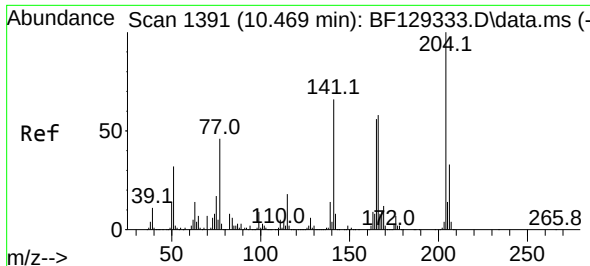
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#60
Diethylphthalate
Concen: 41.815 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

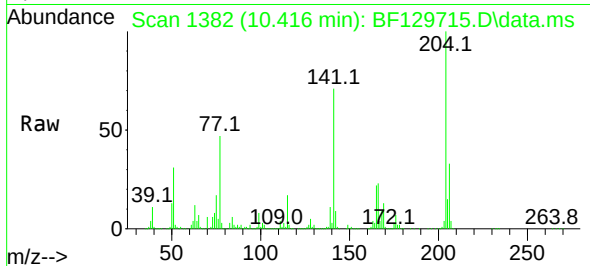
Tgt Ion:149 Resp: 1074560
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.135 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

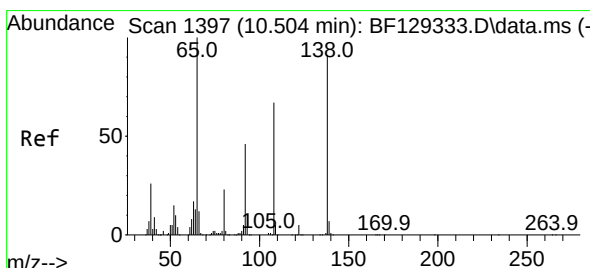
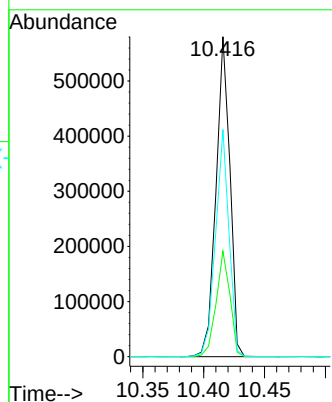
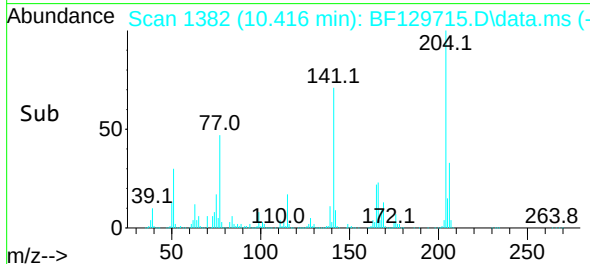
Instrument :
BNA_F
ClientSampleId :
PB146619BS



Tgt Ion:204 Resp: 461958
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 71.0 47.0 70.4

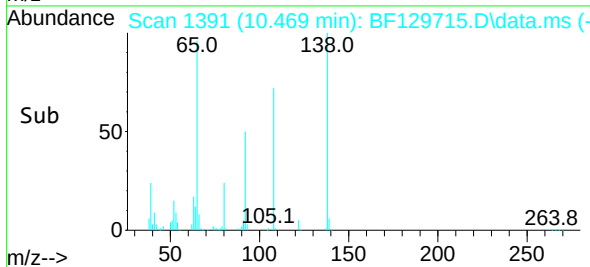
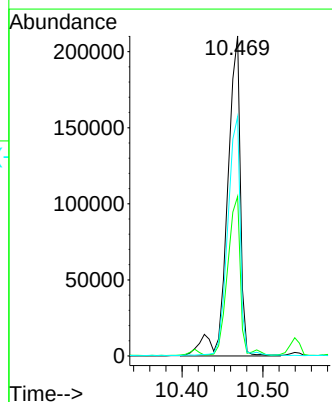
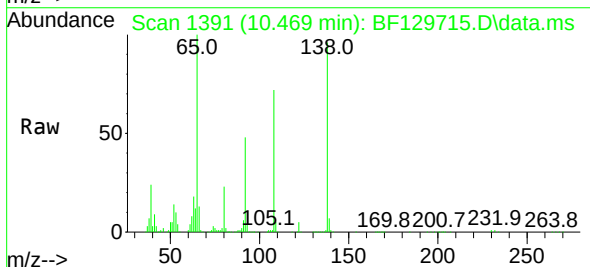
Manual Integrations
APPROVED

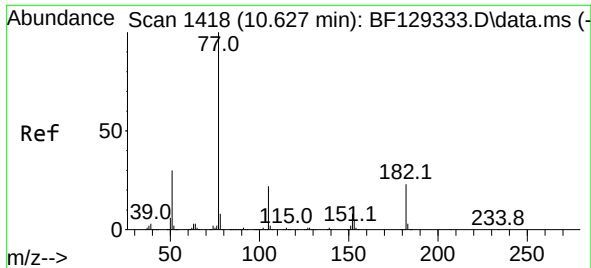
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#62
4-Nitroaniline
Concen: 33.712 ng m
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

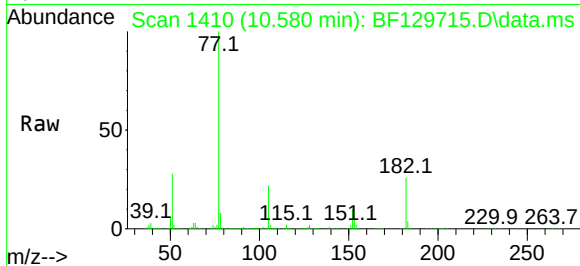
Tgt Ion:138 Resp: 234964
Ion Ratio Lower Upper
138 100
92 49.8 33.5 73.5
108 74.8 61.0 101.0





#63
Azobenzene
Concen: 38.419 ng
RT: 10.580 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

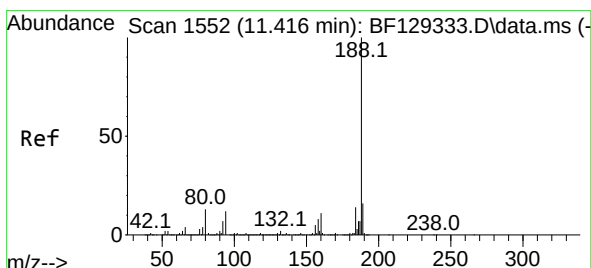
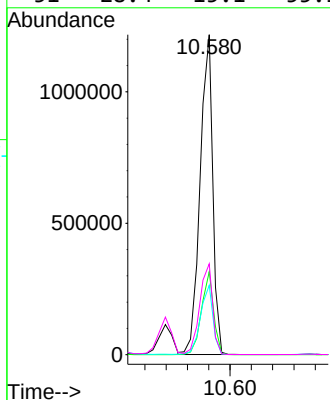
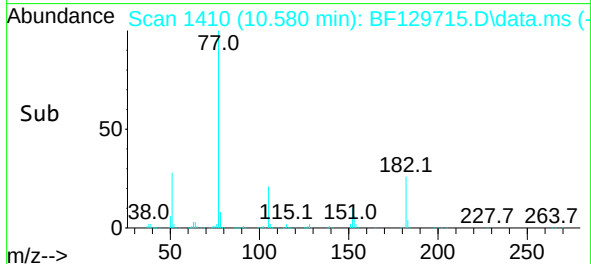
Instrument :
BNA_F
ClientSampleId :
PB146619BS



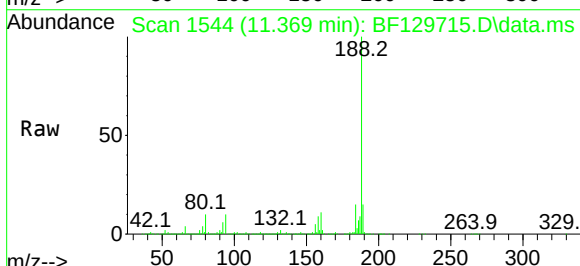
Tgt Ion: 77 Resp: 1006997
Ion Ratio Lower Upper
77 100
182 26.0 5.6 45.6
105 21.7 1.6 41.6
51 28.4 15.1 55.1

Manual Integrations
APPROVED

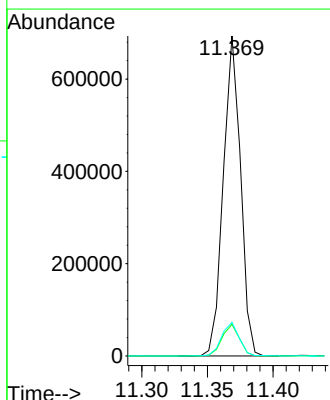
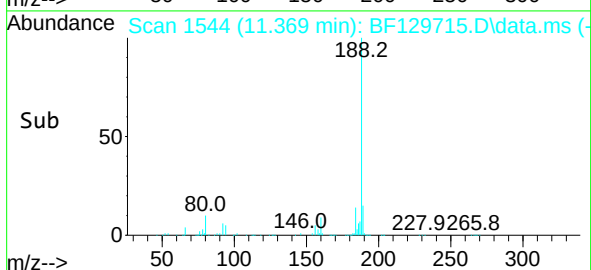
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

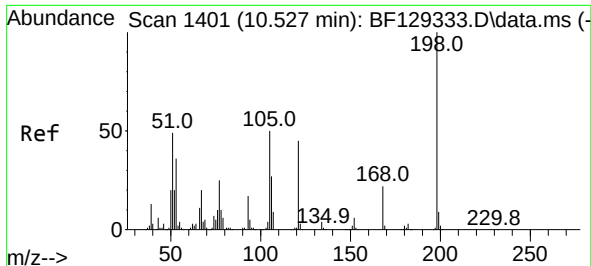


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:188 Resp: 633950
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.5 7.6 11.4





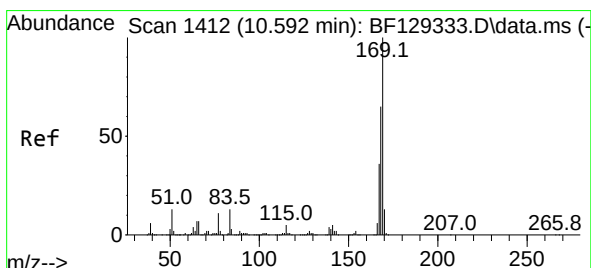
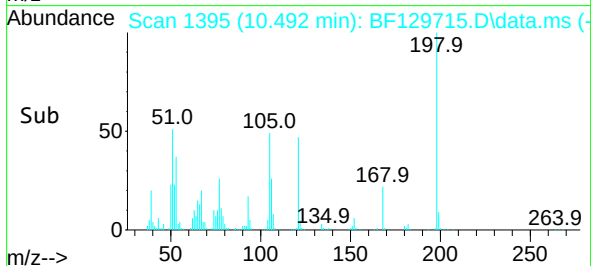
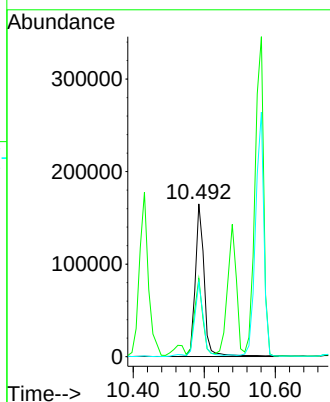
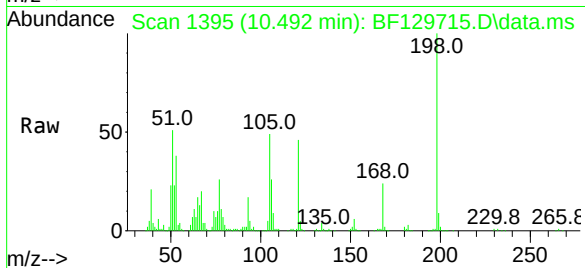
#65
4,6-Dinitro-2-methylphenol
Concen: 36.202 ng
RT: 10.492 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:198 Resp: 144850
Ion Ratio Lower Upper
198 100
51 51.2 37.6 77.6
105 48.8 27.0 67.0

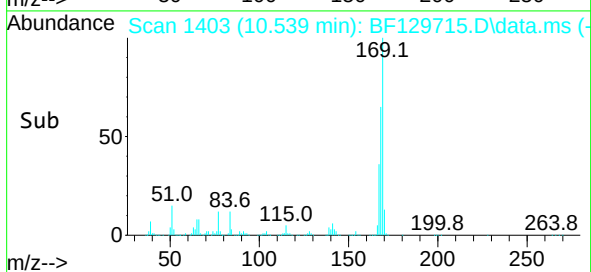
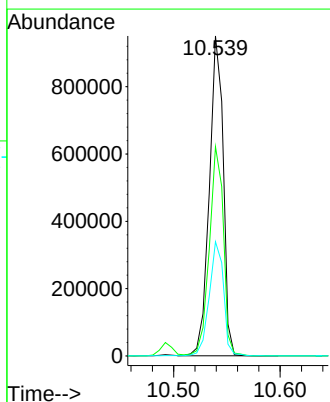
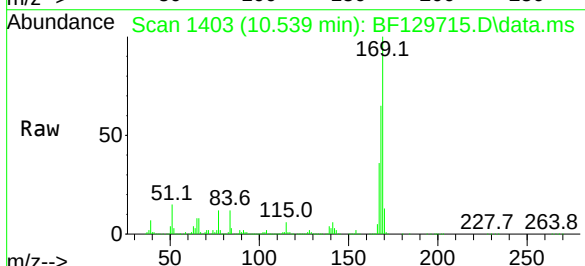
Manual Integrations
APPROVED

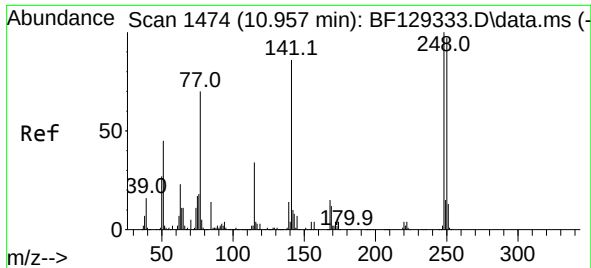
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#66
n-Nitrosodiphenylamine
Concen: 40.864 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

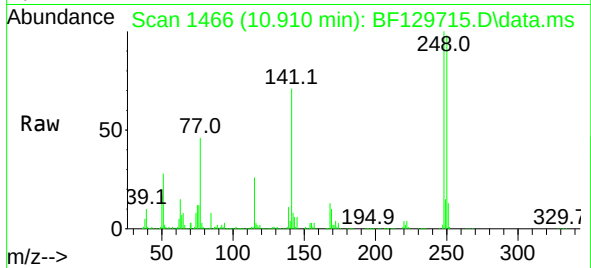
Tgt Ion:169 Resp: 862723
Ion Ratio Lower Upper
169 100
168 65.4 50.1 75.1
167 35.7 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 43.237 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

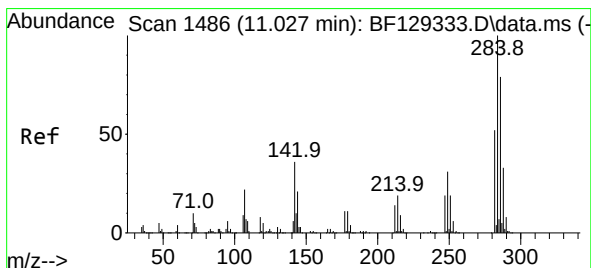
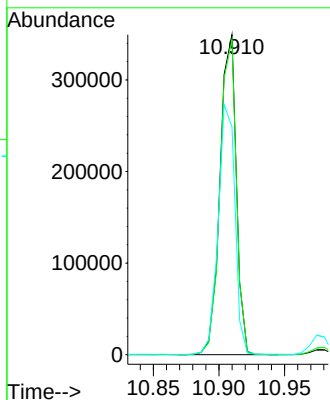
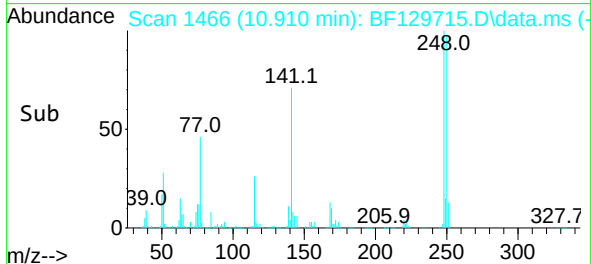
Instrument :
BNA_F
ClientSampleId :
PB146619BS



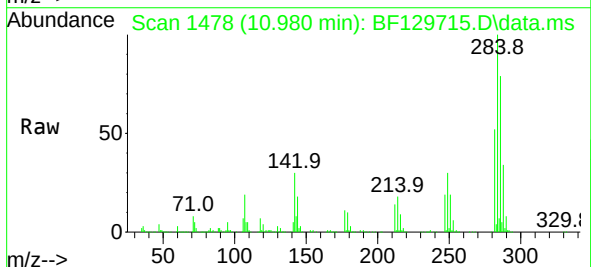
Tgt Ion:248 Resp: 300152
Ion Ratio Lower Upper
248 100
250 98.4 80.6 120.8
141 71.2 58.9 88.3

Manual Integrations
APPROVED

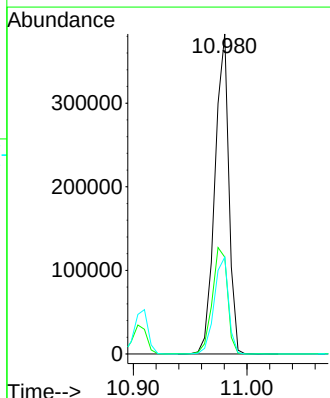
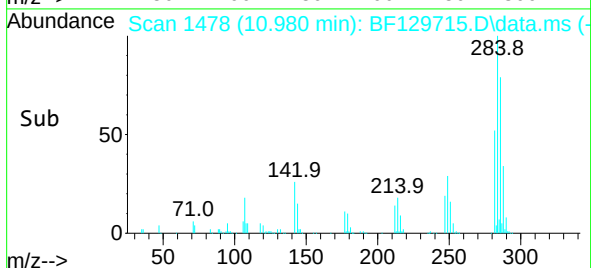
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

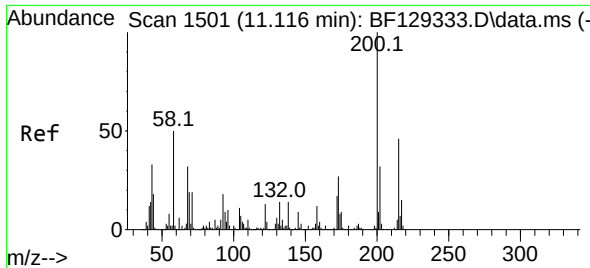


#68
Hexachlorobenzene
Concen: 43.341 ng
RT: 10.980 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



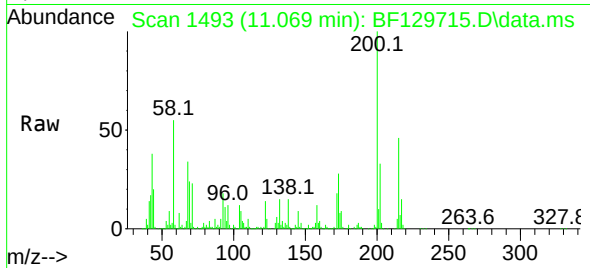
Tgt Ion:284 Resp: 326002
Ion Ratio Lower Upper
284 100
142 30.3 29.0 43.4
249 30.2 25.0 37.6





#69
 Atrazine
 Concen: 45.599 ng
 RT: 11.069 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

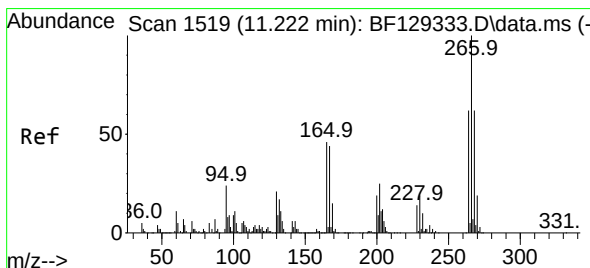
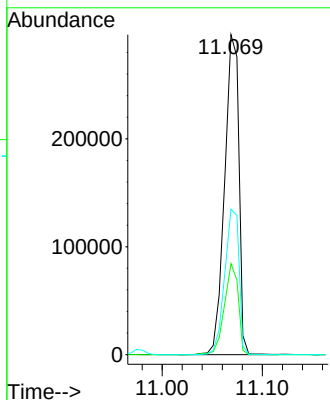
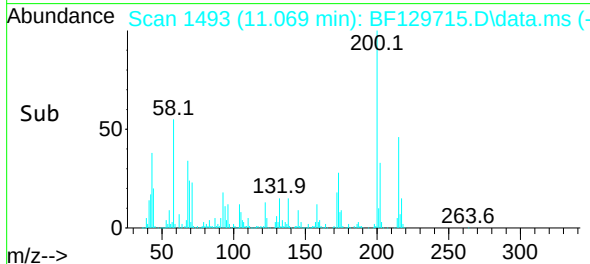
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS



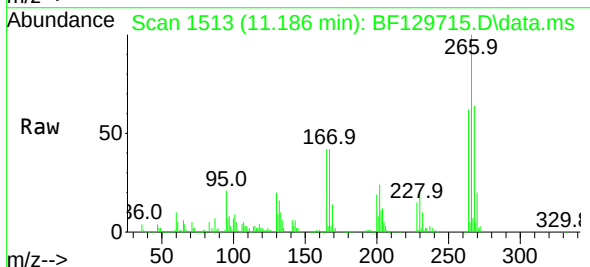
Tgt Ion:200 Resp: 292408
 Ion Ratio Lower Upper
 200 100
 173 28.5 6.3 46.3
 215 45.5 28.3 68.3

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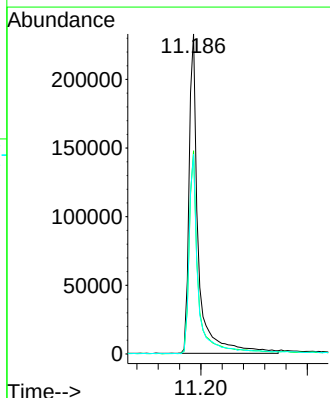
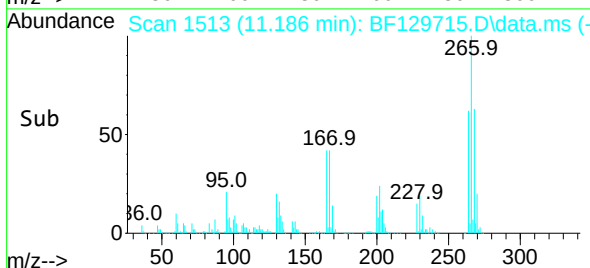
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

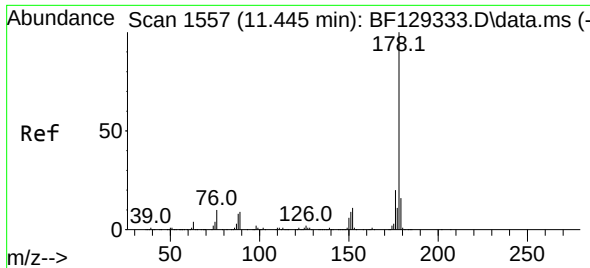


#70
 Pentachlorophenol
 Concen: 69.046 ng
 RT: 11.186 min Scan# 1513
 Delta R.T. 0.006 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24



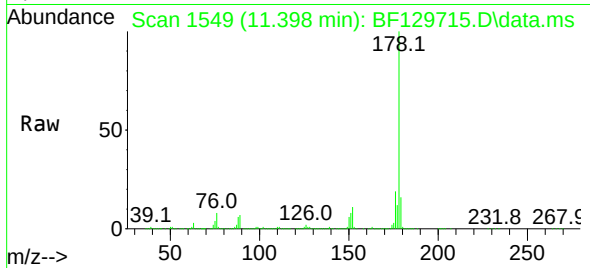
Tgt Ion:266 Resp: 282334
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.4
 264 62.4 49.4 74.2





#71
Phenanthrene
Concen: 39.775 ng
RT: 11.398 min Scan# 11398
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

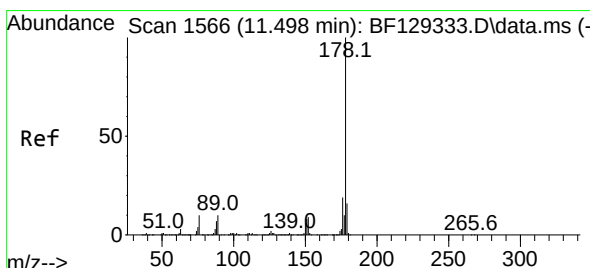
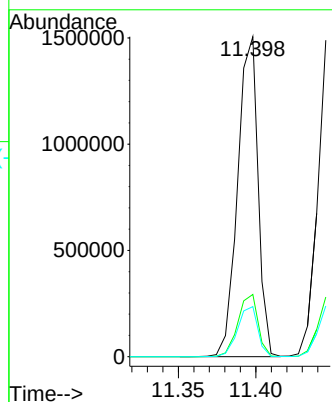
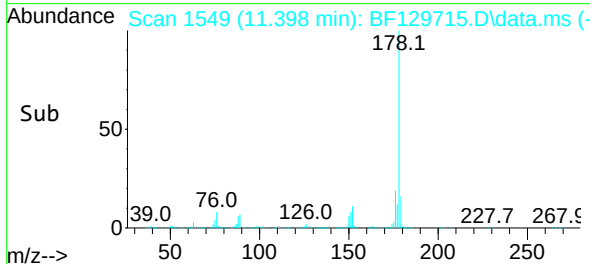
Instrument :
BNA_F
ClientSampleId :
PB146619BS



Tgt Ion:178 Resp: 1376434
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.7 12.6 19.0

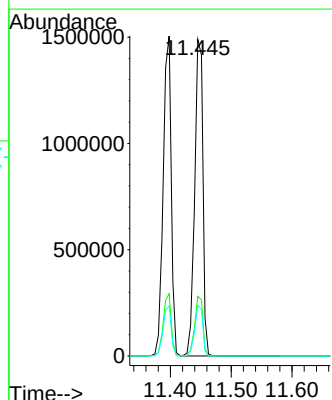
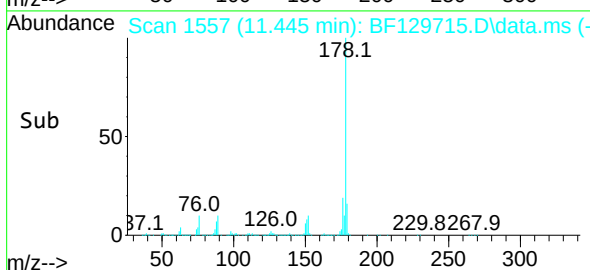
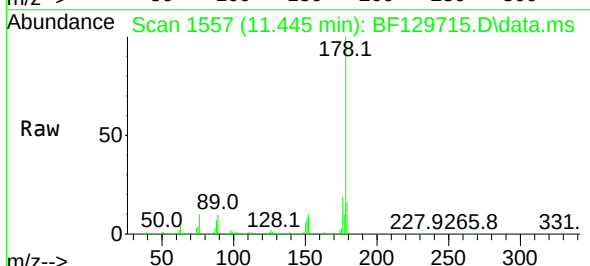
Manual Integrations
APPROVED

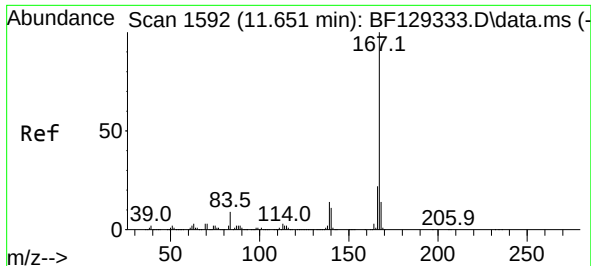
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#72
Anthracene
Concen: 40.899 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

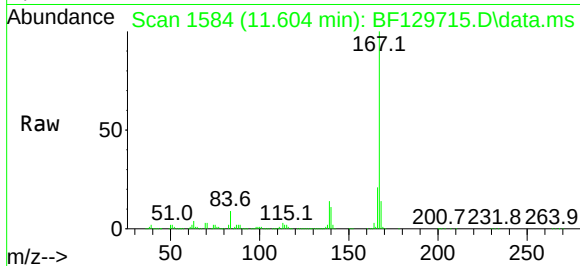
Tgt Ion:178 Resp: 1390858
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 16.1 12.6 19.0





#73
 Carbazole
 Concen: 38.987 ng
 RT: 11.604 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

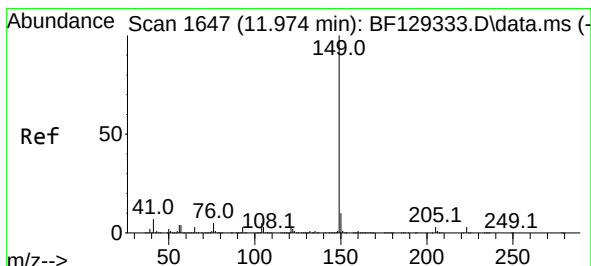
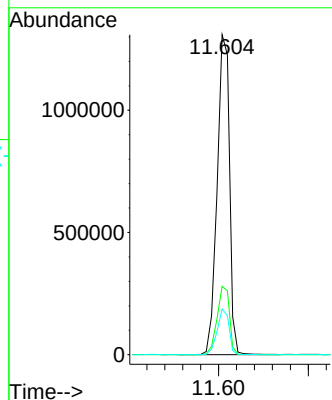
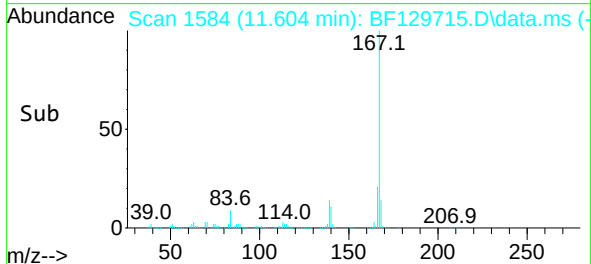
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS



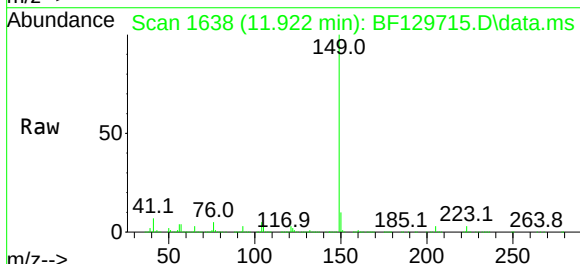
Tgt Ion:167 Resp: 1248079
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 14.3 11.2 16.8

Manual Integrations
 APPROVED

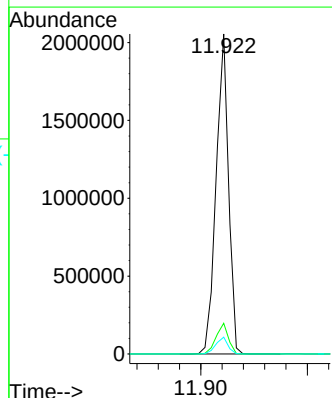
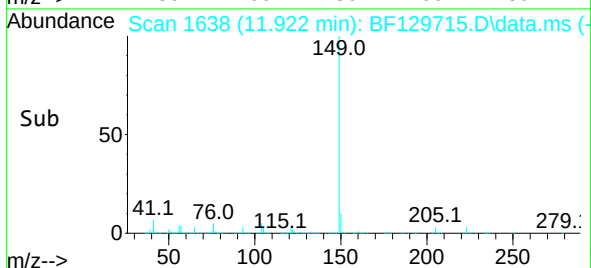
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

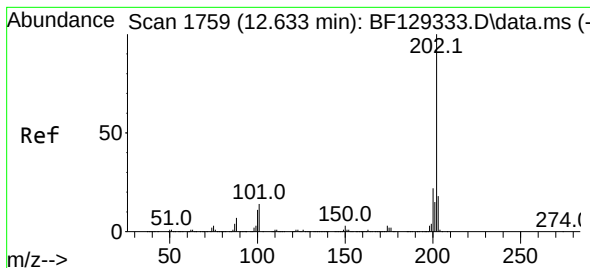


#74
 Di-n-butylphthalate
 Concen: 43.651 ng
 RT: 11.922 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24



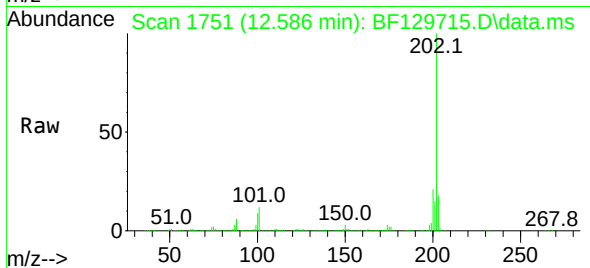
Tgt Ion:149 Resp: 1664113
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 39.100 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

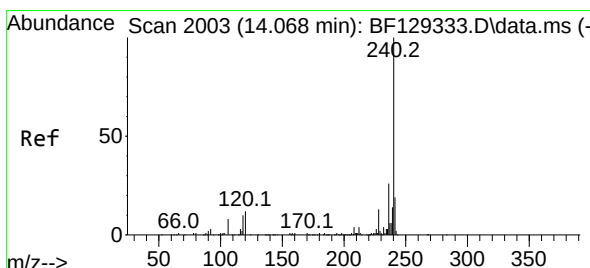
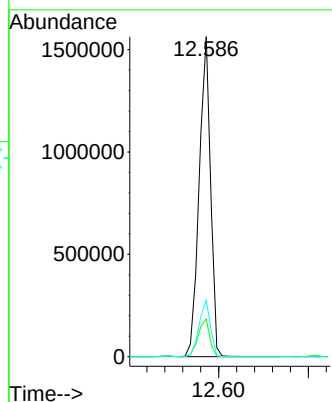
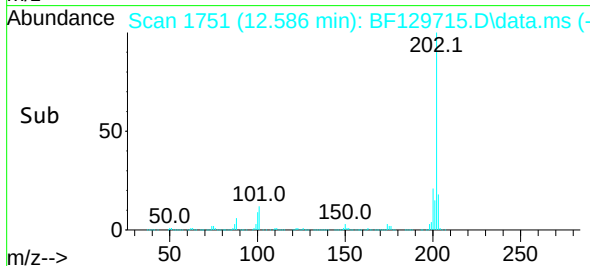
Instrument :
BNA_F
ClientSampleId :
PB146619BS



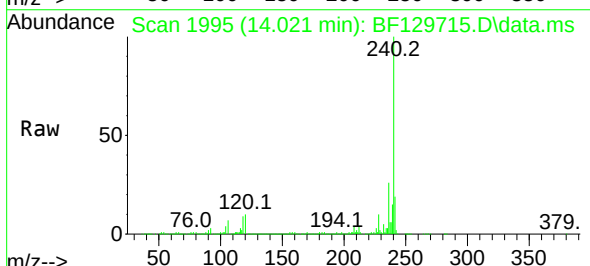
Tgt Ion:202 Resp: 1370980
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 17.7 0.0 38.0

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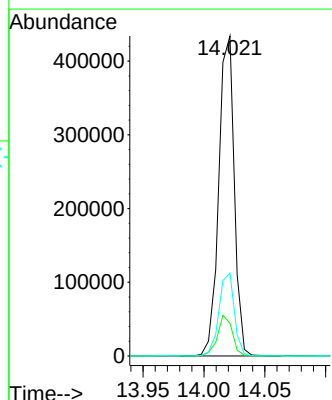
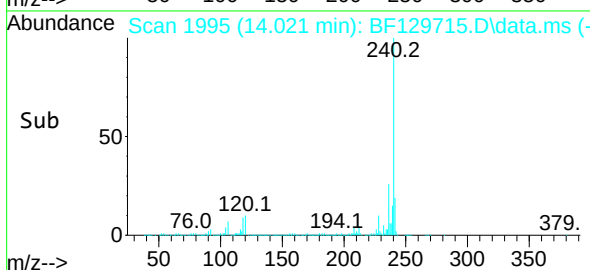
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

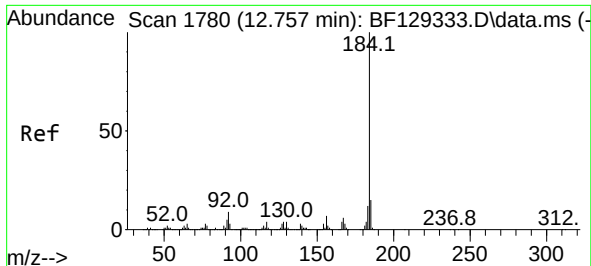


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:240 Resp: 386355
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.0 20.8 31.2





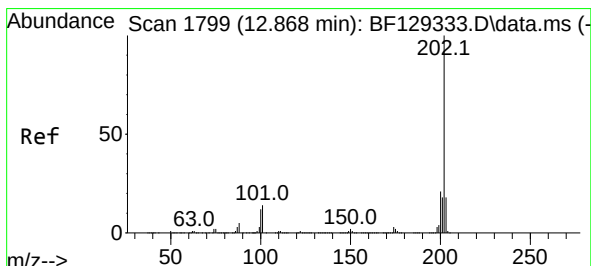
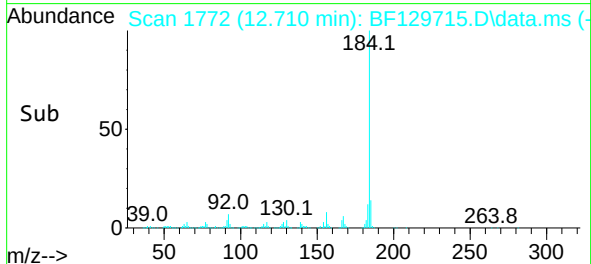
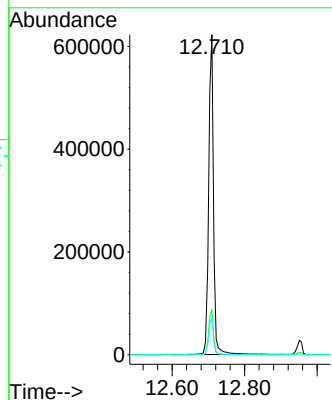
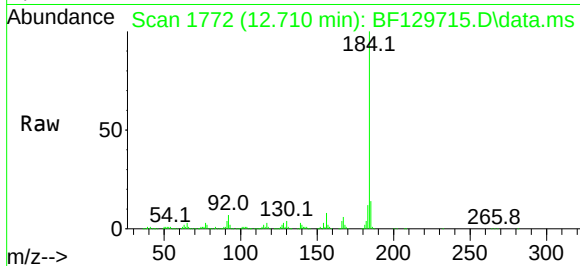
#77
Benzidine
Concen: 41.866 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:184 Resp: 571425
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.5 9.3 13.9

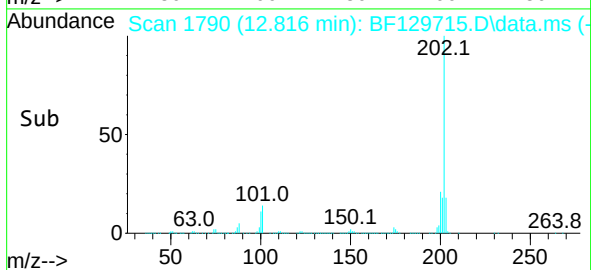
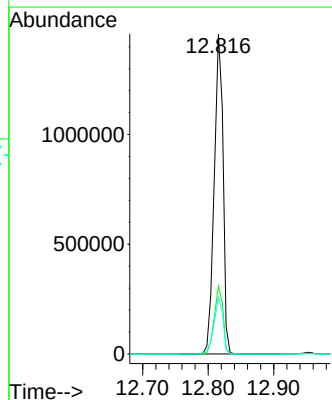
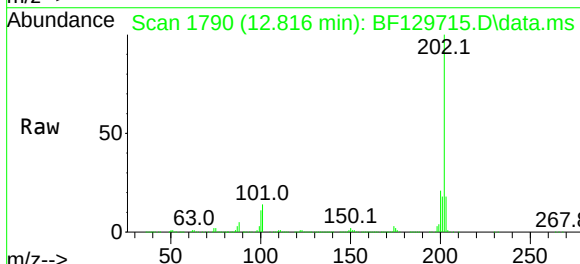
Manual Integrations
APPROVED

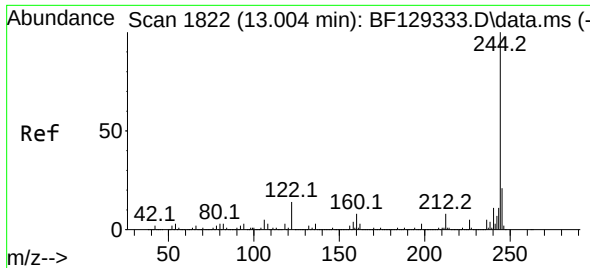
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#78
Pyrene
Concen: 42.371 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:202 Resp: 1368926
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.6 14.6 21.8





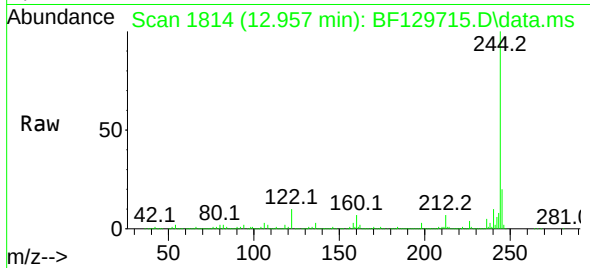
#79
 Terphenyl-d14
 Concen: 93.526 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

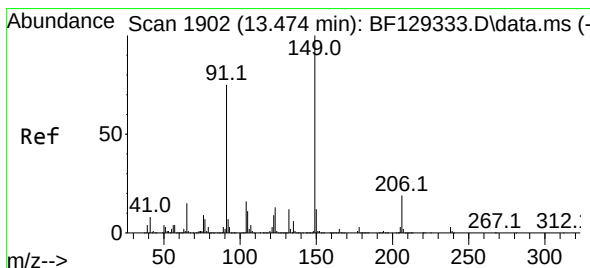
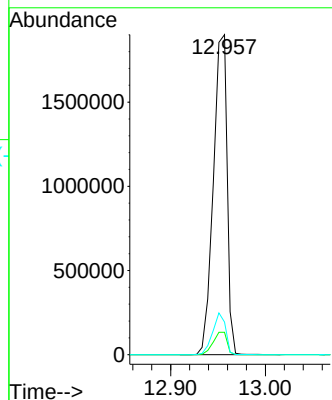
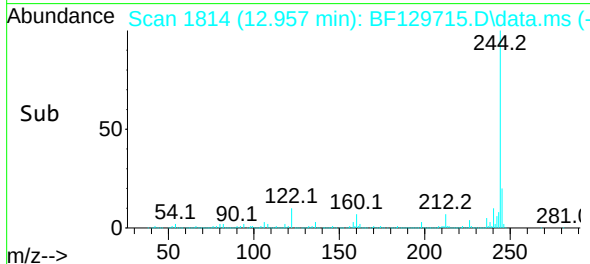


Tgt Ion:244 Resp: 1915340
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 10.2 8.8 13.2

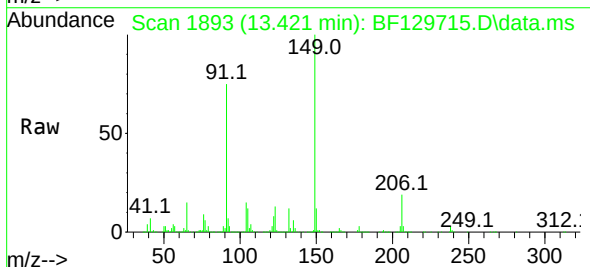
Manual Integrations

APPROVED

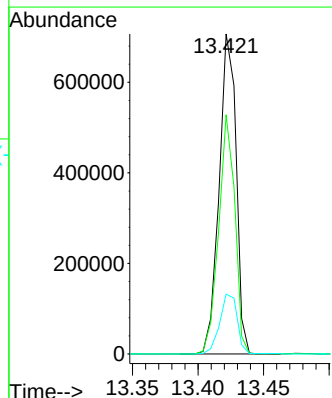
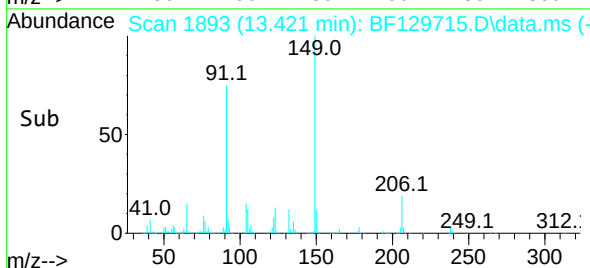
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

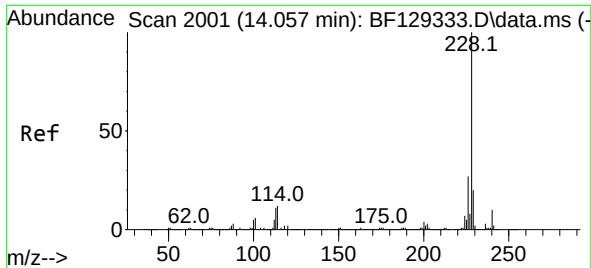


#80
 Butylbenzylphthalate
 Concen: 45.336 ng
 RT: 13.421 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24



Tgt Ion:149 Resp: 635325
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.2 91.8
 206 18.7 15.7 23.5





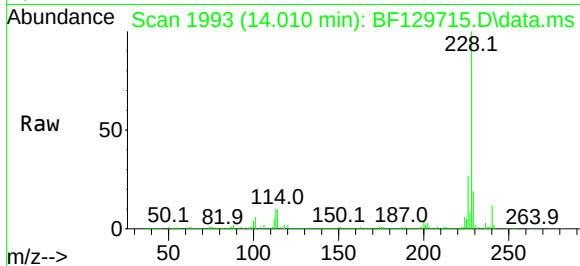
#81
Benzo(a)anthracene
Concen: 39.938 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

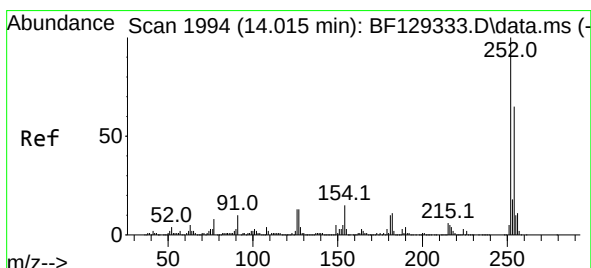
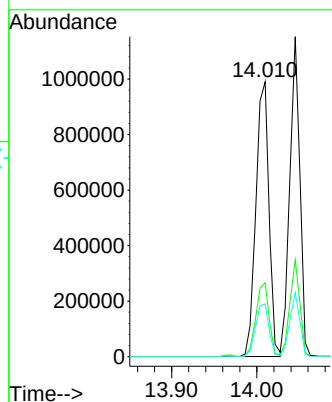
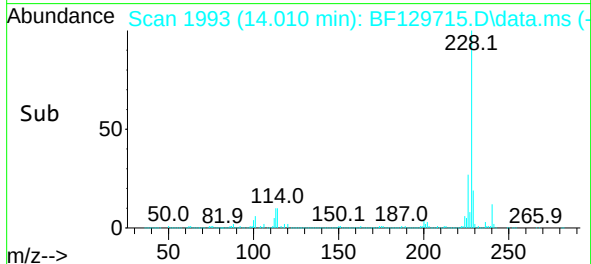


Tgt Ion:228 Resp: 1054038
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.2 15.8 23.8

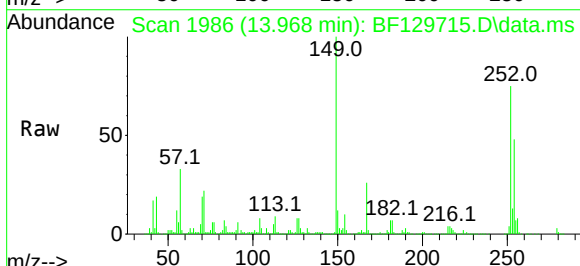
Manual Integrations

APPROVED

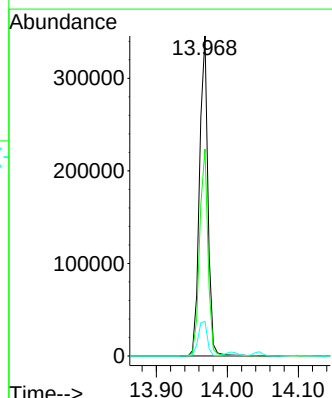
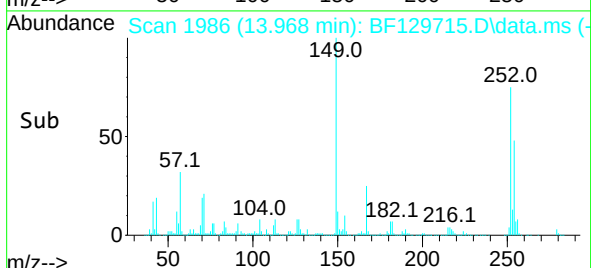
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

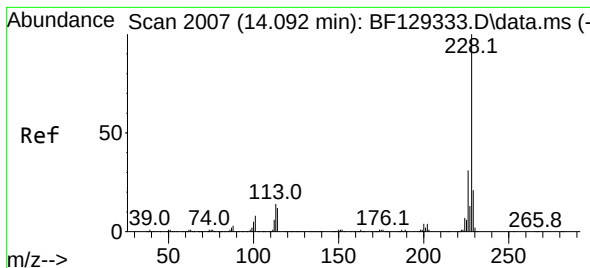


#82
3,3'-Dichlorobenzidine
Concen: 32.762 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:252 Resp: 285483
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.4
126 10.8 8.2 12.4





#83

Chrysene

Concen: 38.151 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF129715.D

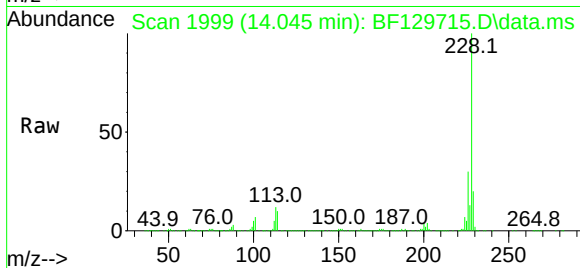
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

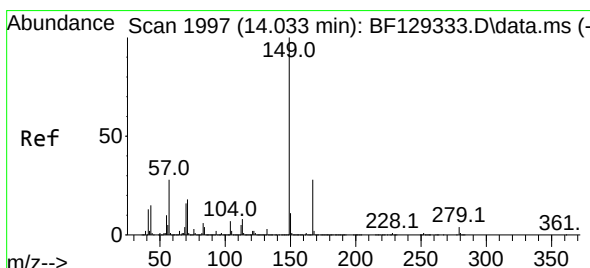
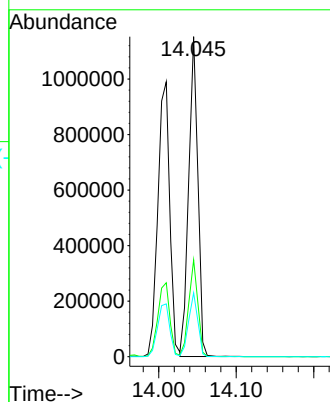
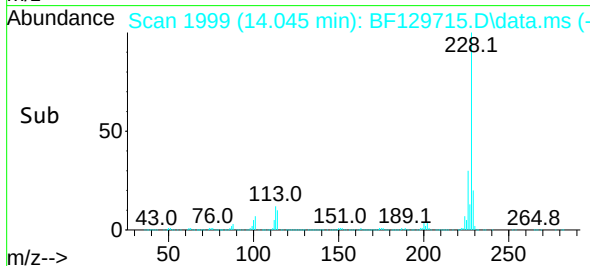


Tgt Ion:	228	Resp:	948928
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.3	36.5
229	20.0	15.9	23.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.587 ng

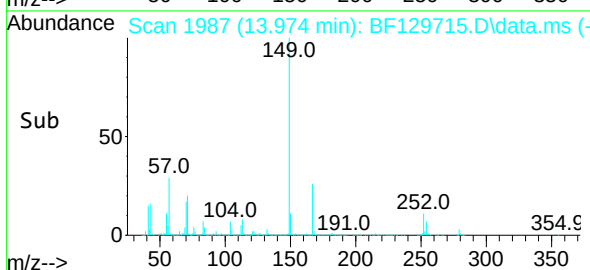
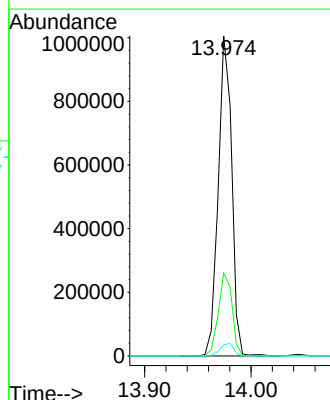
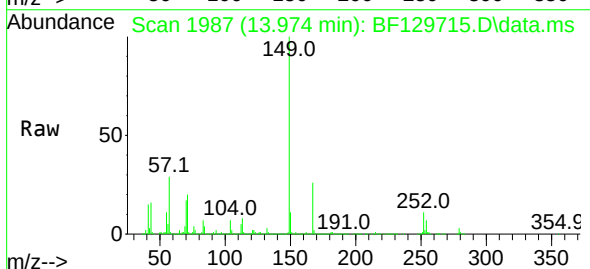
RT: 13.974 min Scan# 1987

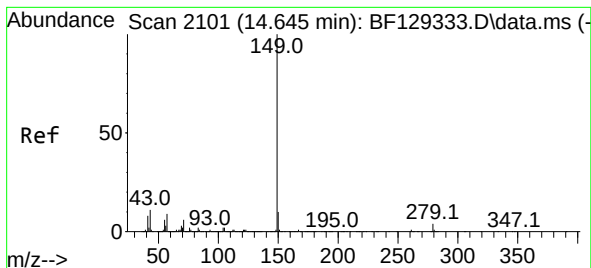
Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Tgt Ion:	149	Resp:	877942
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.0	31.4
279	3.5	3.1	4.7





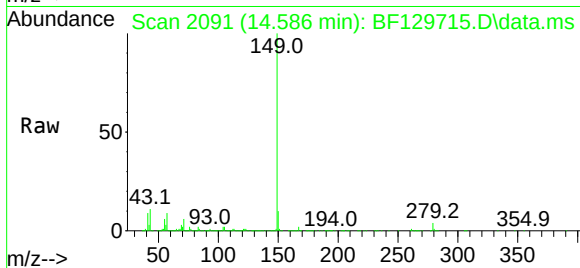
#85
Di-n-octyl phthalate
Concen: 47.441 ng
RT: 14.586 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

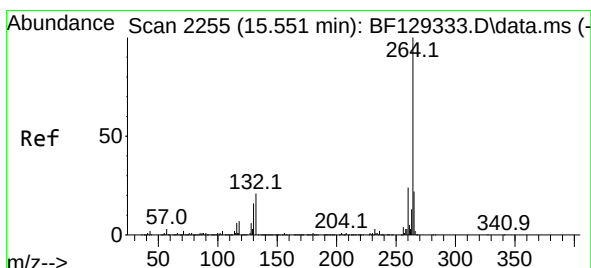
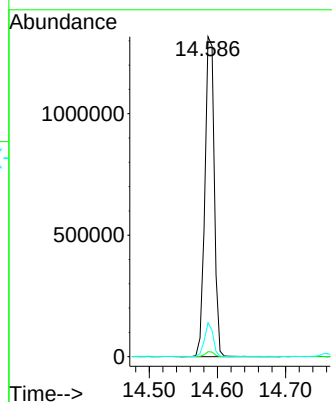
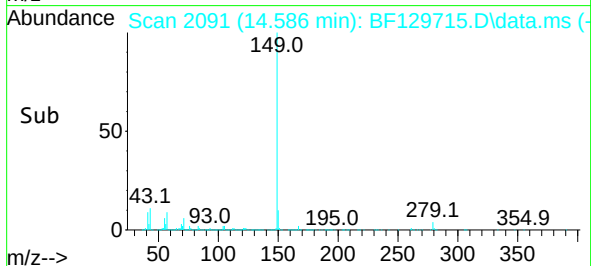


Tgt Ion:149 Resp: 1259519
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.7 9.2 13.8

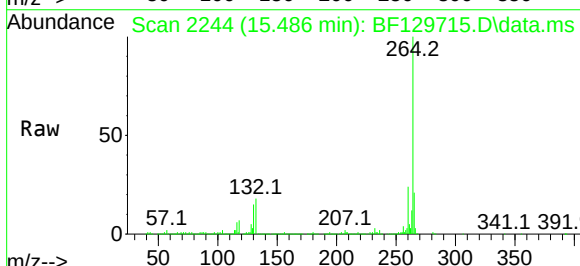
Manual Integrations

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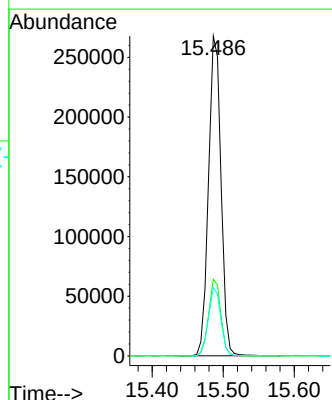
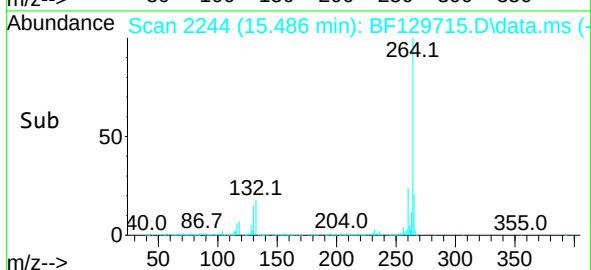
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

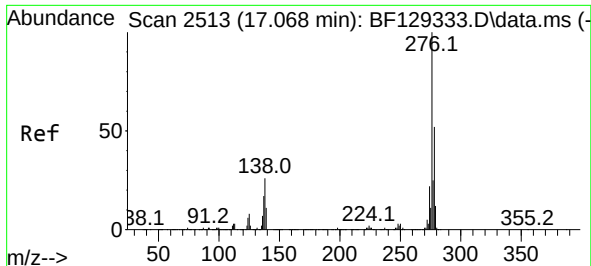


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:264 Resp: 327469
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.3 17.2 25.8





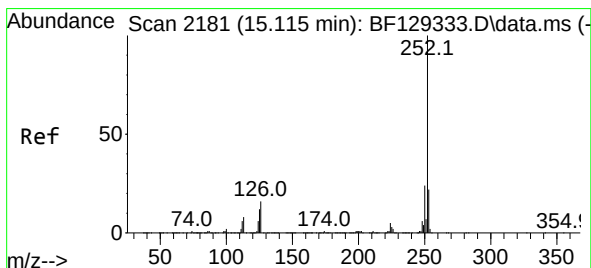
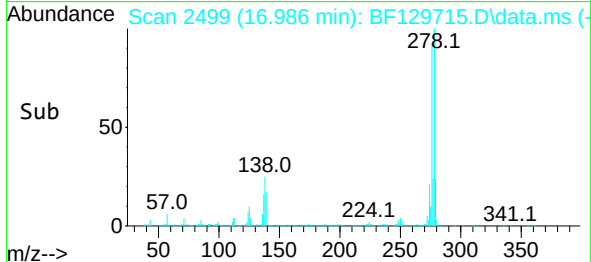
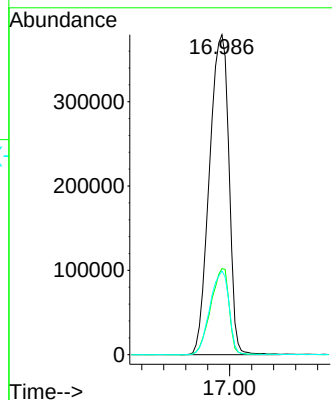
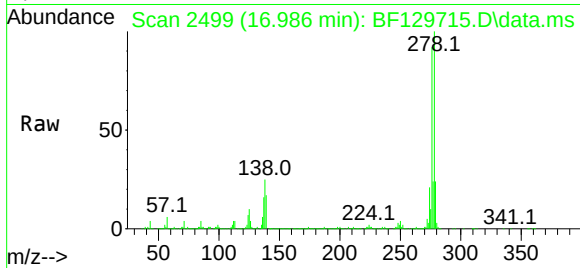
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.384 ng
RT: 16.986 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:276 Resp: 93464
Ion Ratio Lower Upper
276 100
138 25.3 21.1 31.7
277 25.5 20.3 30.5

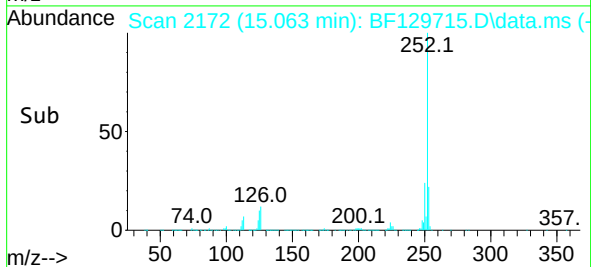
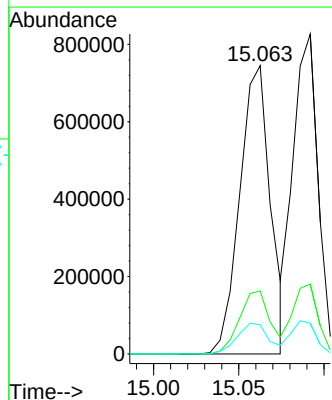
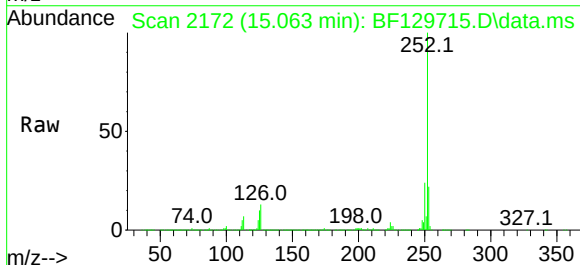
Manual Integrations
APPROVED

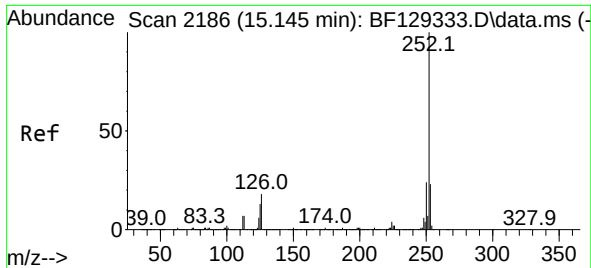
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#88
Benzo(b)fluoranthene
Concen: 42.904 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:252 Resp: 931956
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.2 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 39.642 ng
RT: 15.092 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

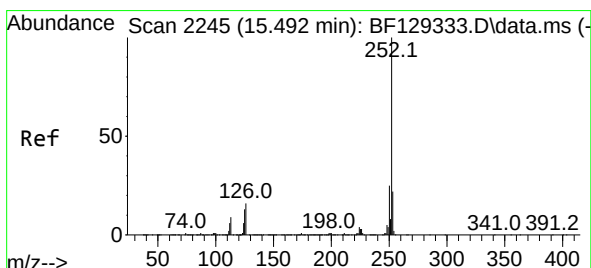
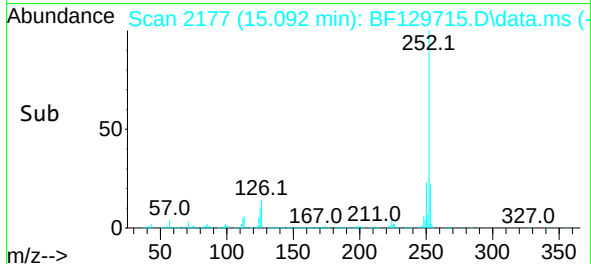
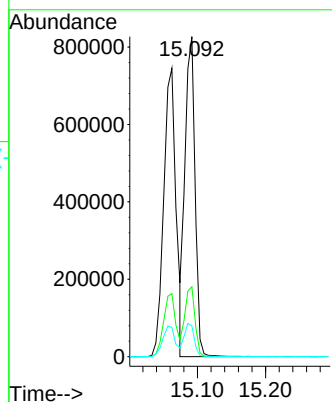
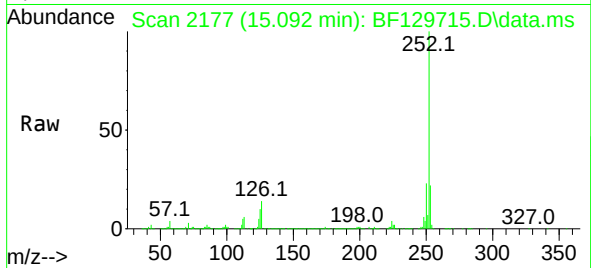
PB146619BS

Tgt Ion:252 Resp: 843859
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.6 8.3 12.5

Manual Integrations

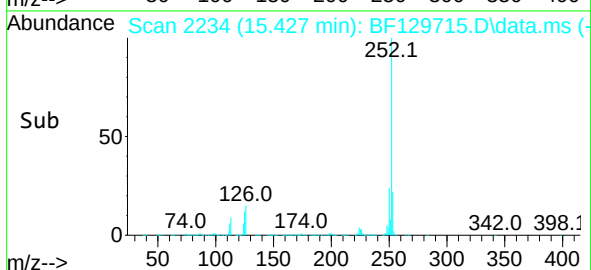
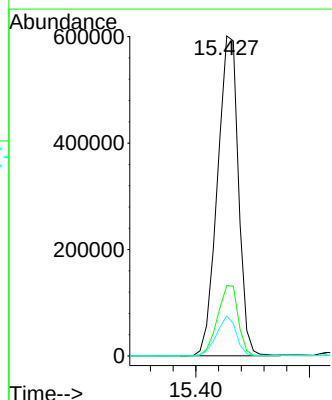
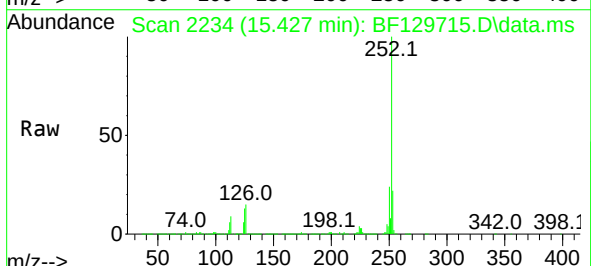
APPROVED

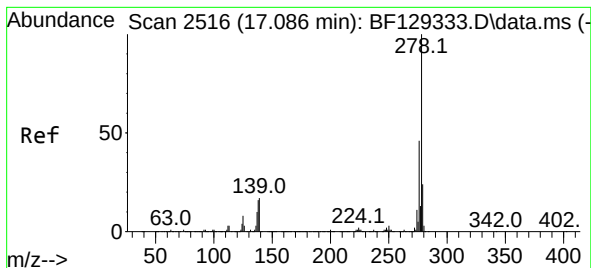
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#90
Benzo(a)pyrene
Concen: 43.809 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:252 Resp: 772507
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.369 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

Tgt Ion:278 Resp: 814302

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

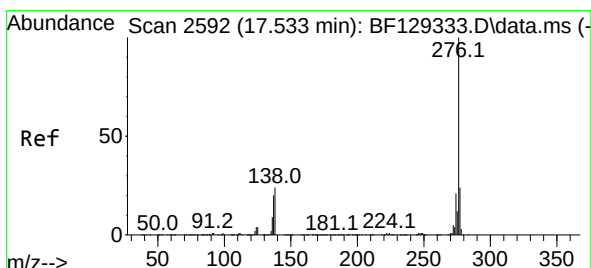
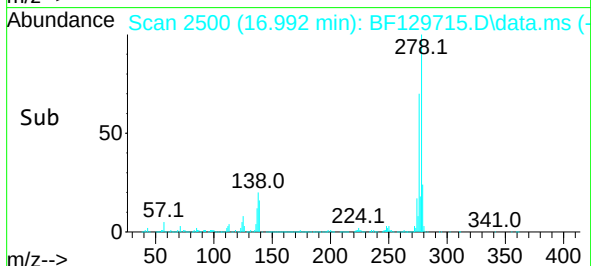
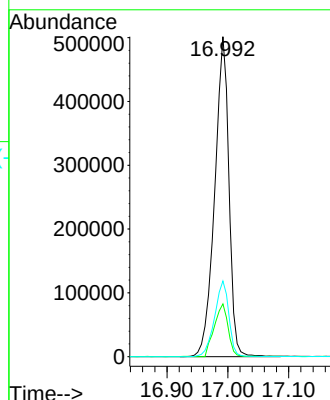
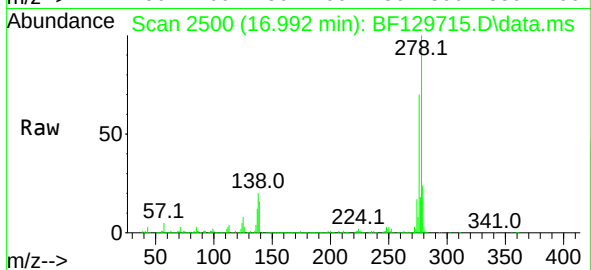
279 23.7 18.6 28.0

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: 44.365 ng

RT: 17.433 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Tgt Ion:276 Resp: 813662

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 22.0 18.0 27.0

