

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131527.D
 Acq On : 06 Dec 2022 14:48
 Operator : CG\JU
 Sample : PB149432BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149432BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/07/2022
 Supervised By : Jagrut Upadhyay 12/07/2022

Quant Time: Dec 07 03:21:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	107396	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	412779	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	244933	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	475500	20.000	ng	0.00
76) Chrysene-d12	14.133	240	308890	20.000	ng	# 0.00
86) Perylene-d12	15.651	264	240784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	765973	121.796	ng	0.02
7) Phenol-d6	6.551	99	922354	117.447	ng	0.00
23) Nitrobenzene-d5	7.492	82	574278	63.853	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	386831	138.704	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1315006	70.431	ng	0.00
79) Terphenyl-d14	13.068	244	1714990	83.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	78654	29.216	ng	95
3) Pyridine	3.551	79	206185	27.436	ng	95
4) n-Nitrosodimethylamine	3.528	42	122137	31.714	ng	90
6) Aniline	6.586	93	308036	31.773	ng	96
8) 2-Chlorophenol	6.704	128	282890	42.122	ng	91
9) Benzaldehyde	6.475	77	113229	22.589	ng	85
10) Phenol	6.563	94	339821m	38.251	ng	
11) bis(2-Chloroethyl)ether	6.657	93	246316	37.539	ng	95
12) 1,3-Dichlorobenzene	6.863	146	314622	40.136	ng	95
13) 1,4-Dichlorobenzene	6.939	146	324445	40.498	ng	96
14) 1,2-Dichlorobenzene	7.092	146	308598	41.342	ng	100
15) Benzyl Alcohol	7.069	79	212095m	32.289	ng	
16) 2,2'-oxybis(1-Chloropr...	7.198	45	225025	34.986	ng	99
17) 2-Methylphenol	7.175	107	225537	40.205	ng	95
18) Hexachloroethane	7.439	117	117352	39.427	ng	92
19) n-Nitroso-di-n-propyla...	7.339	70	187341	35.247	ng	98
20) 3+4-Methylphenols	7.328	107	299363	39.462	ng	95
22) Acetophenone	7.339	105	414207	36.980	ng	98
24) Nitrobenzene	7.510	77	295110	32.521	ng	91
25) Isophorone	7.751	82	516150	36.894	ng	# 95
26) 2-Nitrophenol	7.828	139	150014	45.151	ng	90
27) 2,4-Dimethylphenol	7.863	122	265322	48.637	ng	95
28) bis(2-Chloroethoxy)met...	7.963	93	309216	39.869	ng	99
29) 2,4-Dichlorophenol	8.069	162	262332	41.518	ng	96
30) 1,2,4-Trichlorobenzene	8.151	180	300560	38.069	ng	100
31) Naphthalene	8.239	128	823642	36.093	ng	99
32) Benzoic acid	7.998	122	145556	44.246	ng	90
33) 4-Chloroaniline	8.286	127	208371	24.379	ng	94
34) Hexachlorobutadiene	8.345	225	211877	37.573	ng	98
35) Caprolactam	8.663	113	72046m	40.619	ng	
36) 4-Chloro-3-methylphenol	8.769	107	259335	38.395	ng	98
37) 2-Methylnaphthalene	8.933	142	571422	37.419	ng	99
38) 1-Methylnaphthalene	9.033	142	534047	36.395	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	346555	38.302	ng	99
41) Hexachlorocyclopentadiene	9.080	237	413375	101.422	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	195731	35.779	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131527.D
 Acq On : 06 Dec 2022 14:48
 Operator : CG\JU
 Sample : PB149432BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149432BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/07/2022
 Supervised By : Jagrut Upadhyay 12/07/2022

Quant Time: Dec 07 03:21:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	234854	40.255	ng	99
46) 1,1'-Biphenyl	9.398	154	732365	37.920	ng	99
47) 2-Chloronaphthalene	9.427	162	574445	36.411	ng	96
48) 2-Nitroaniline	9.522	65	151395	33.212	ng	97
49) Acenaphthylene	9.845	152	860267	36.504	ng	99
50) Dimethylphthalate	9.704	163	666280	37.636	ng	100
51) 2,6-Dinitrotoluene	9.763	165	148243	39.190	ng	97
52) Acenaphthene	10.016	154	646258m	42.268	ng	
53) 3-Nitroaniline	9.939	138	110044	27.793	ng	81
54) 2,4-Dinitrophenol	10.045	184	186024	98.012	ng	# 87
55) Dibenzofuran	10.186	168	835841	37.447	ng	99
56) 4-Nitrophenol	10.098	139	220151	79.679	ng	93
57) 2,4-Dinitrotoluene	10.174	165	204293	41.161	ng	# 74
58) Fluorene	10.533	166	672792	36.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	205445	41.514	ng	93
60) Diethylphthalate	10.404	149	653954	37.466	ng	99
61) 4-Chlorophenyl-phenyle...	10.521	204	367062	38.525	ng	98
62) 4-Nitroaniline	10.563	138	141236	35.777	ng	88
63) Azobenzene	10.686	77	543475	31.576	ng	89
65) 4,6-Dinitro-2-methylph...	10.580	198	115735	44.358	ng	92
66) n-Nitrosodiphenylamine	10.645	169	579058	38.802	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	232723	39.118	ng	96
68) Hexachlorobenzene	11.080	284	270354	41.005	ng	# 87
69) Atrazine	11.174	200	198848	45.062	ng	99
70) Pentachlorophenol	11.274	266	302081	85.569	ng	98
71) Phenanthrene	11.504	178	978284	37.025	ng	99
72) Anthracene	11.551	178	996305	38.354	ng	99
73) Carbazole	11.710	167	858087	39.239	ng	98
74) Di-n-butylphthalate	12.033	149	972836	39.845	ng	99
75) Fluoranthene	12.692	202	1079866	37.135	ng	100
77) Benzidine	12.815	184	273060	68.600	ng	99
78) Pyrene	12.927	202	1071218	38.719	ng	100
80) Butylbenzylphthalate	13.545	149	347686	46.590	ng	# 83
81) Benzo(a)anthracene	14.121	228	804939	38.159	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	242502	42.451	ng	96
83) Chrysene	14.157	228	749172	36.943	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	395543	47.428	ng	99
85) Di-n-octyl phthalate	14.721	149	483458	44.667	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.203	276	717692	38.889	ng	98
88) Benzo(b)fluoranthene	15.198	252	692772	44.292	ng	100
89) Benzo(k)fluoranthene	15.233	252	655868	38.629	ng	99
90) Benzo(a)pyrene	15.586	252	590907	45.525	ng	99
91) Dibenzo(a,h)anthracene	17.227	278	615923	40.882	ng	97
92) Benzo(g,h,i)perylene	17.680	276	594033	42.247	ng	98

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

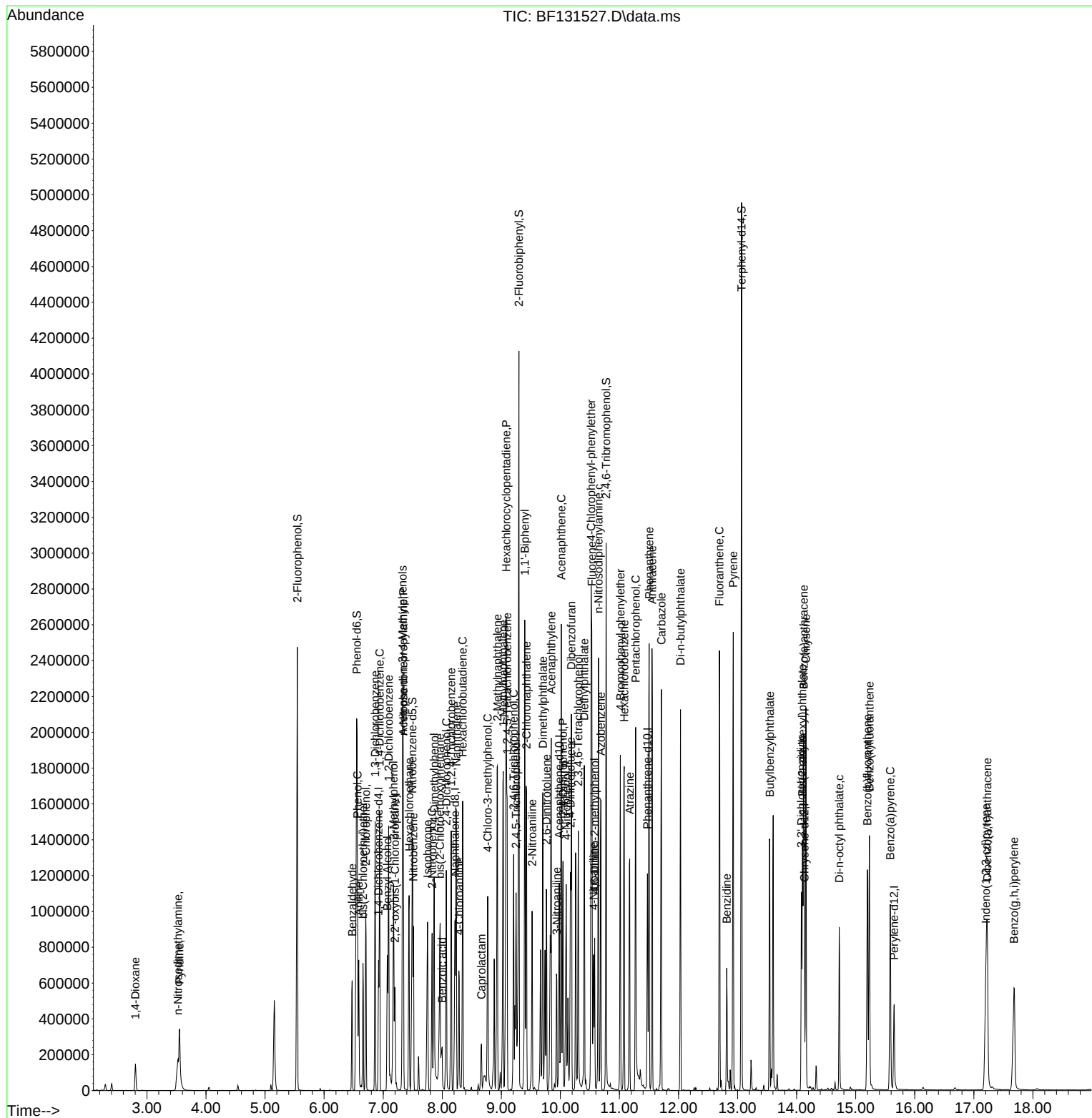
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131527.D
 Acq On : 06 Dec 2022 14:48
 Operator : CG\JU
 Sample : PB149432BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

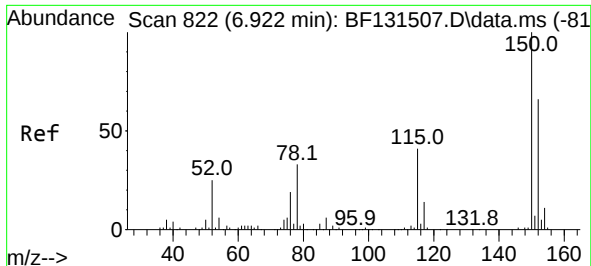
Instrument :
 BNA_F
 ClientSampleId :
 PB149432BS

Quant Time: Dec 07 03:21:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

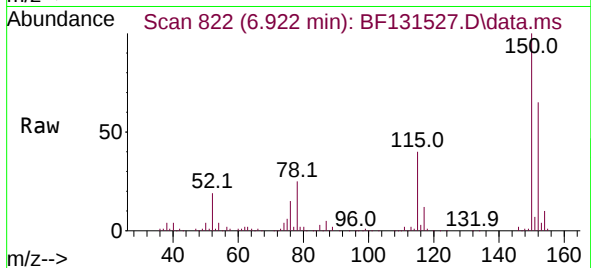
Reviewed By : Christian Giraldo 12/07/2022
 Supervised By : Jagrut Upadhyay 12/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

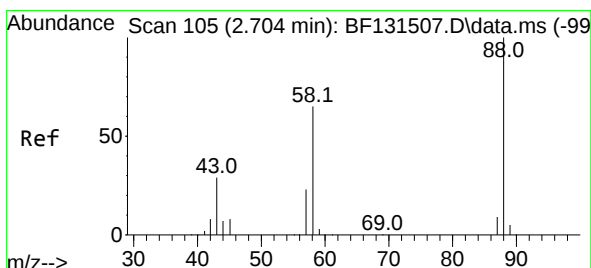
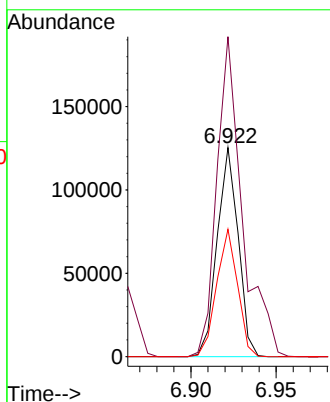
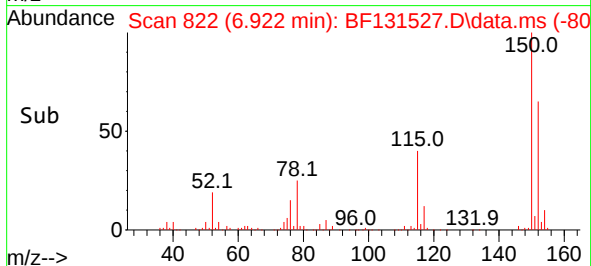
Instrument :
BNA_F
ClientSampleId :
PB149432BS



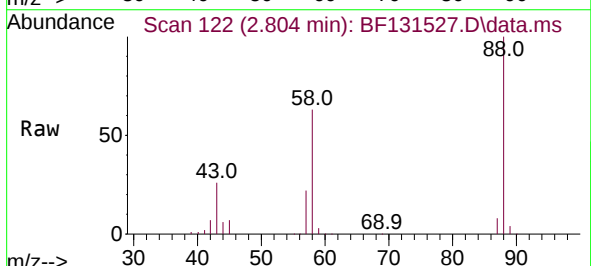
Tgt Ion:152 Resp: 107396
Ion Ratio Lower Upper
152 100
150 153.0 121.9 182.9
115 60.9 50.4 75.6

Manual Integrations
APPROVED

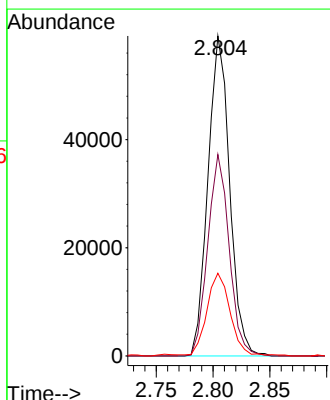
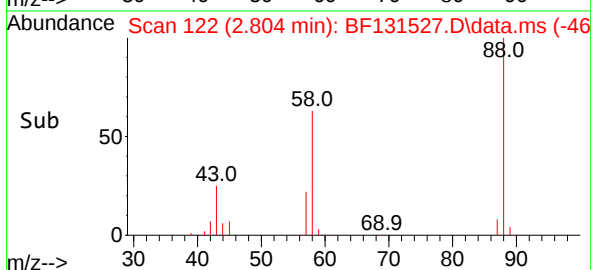
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

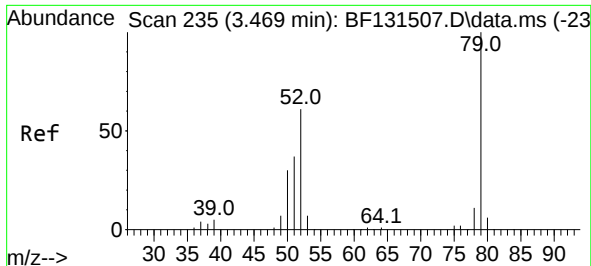


#2
1,4-Dioxane
Concen: 29.216 ng
RT: 2.804 min Scan# 122
Delta R.T. 0.100 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion: 88 Resp: 78654
Ion Ratio Lower Upper
88 100
58 62.0 52.9 79.3
43 27.9 23.8 35.6





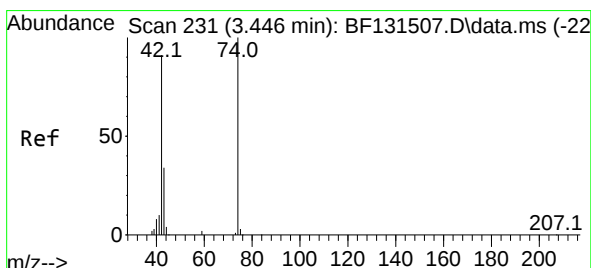
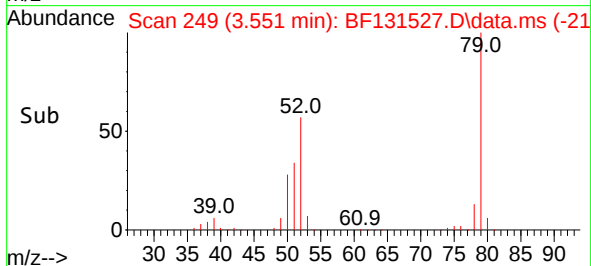
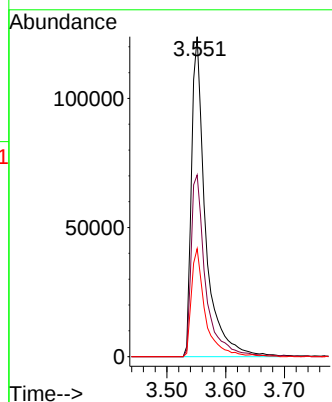
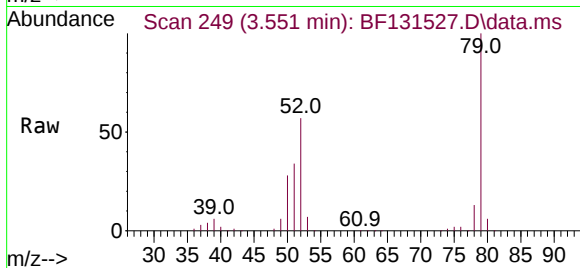
#3
Pyridine
Concen: 27.436 ng
RT: 3.551 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :
BNA_F
ClientSampleId :
PB149432BS

Tgt Ion: 79 Resp: 206185
Ion Ratio Lower Upper
79 100
52 56.8 48.5 72.7
51 33.7 29.4 44.0

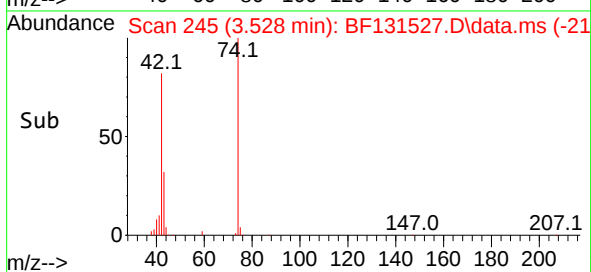
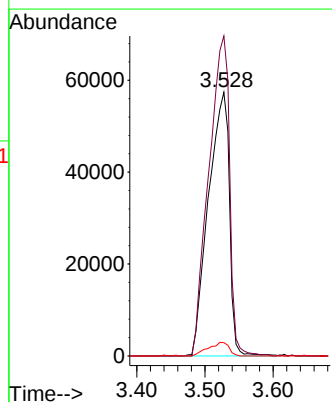
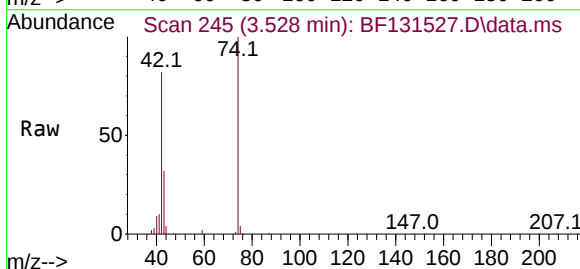
Manual Integrations
APPROVED

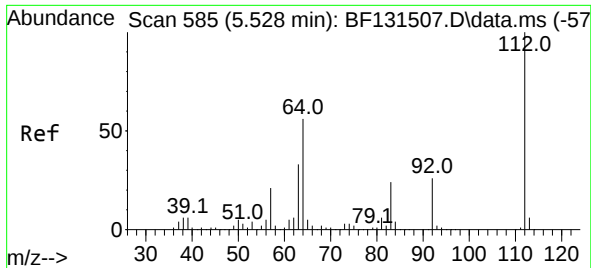
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#4
n-Nitrosodimethylamine
Concen: 31.714 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.082 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Tgt Ion: 42 Resp: 122137
Ion Ratio Lower Upper
42 100
74 121.4 88.1 132.1
44 5.0 3.7 5.5





#5
2-Fluorophenol
Concen: 121.796 ng
RT: 5.545 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

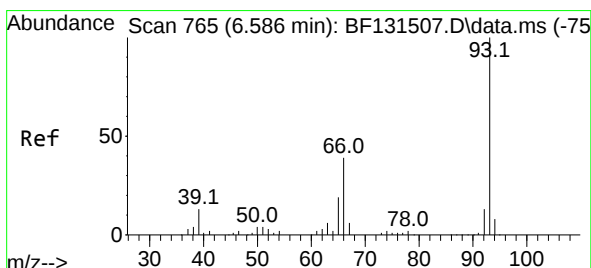
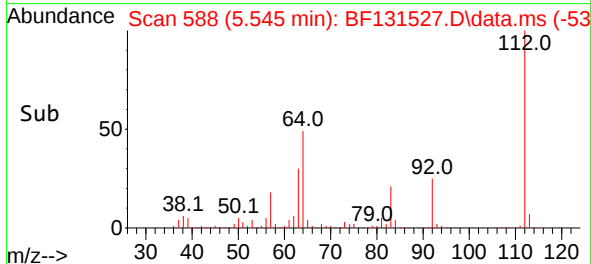
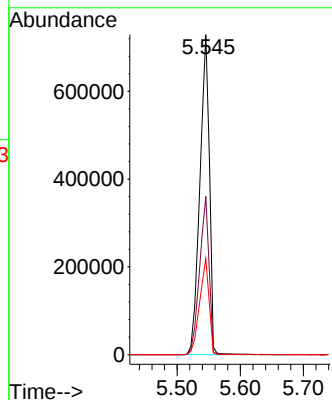
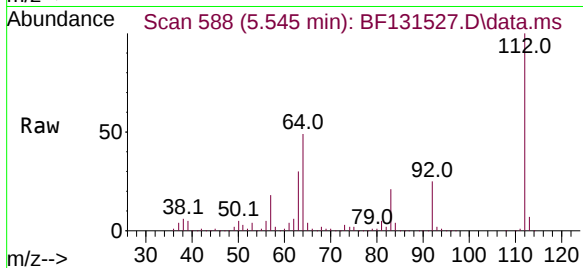
PB149432BS

Tgt Ion:112 Resp: 765973
Ion Ratio Lower Upper
112 100
64 49.4 44.5 66.7
63 30.0 26.7 40.1

Manual Integrations

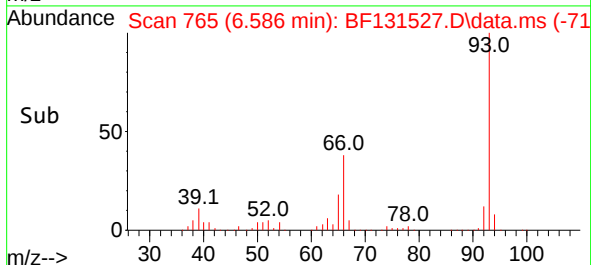
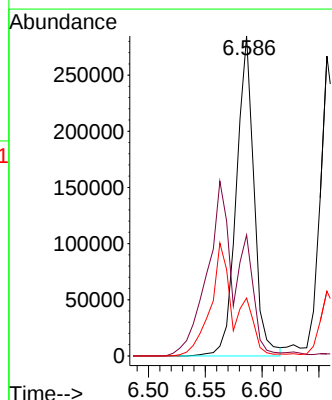
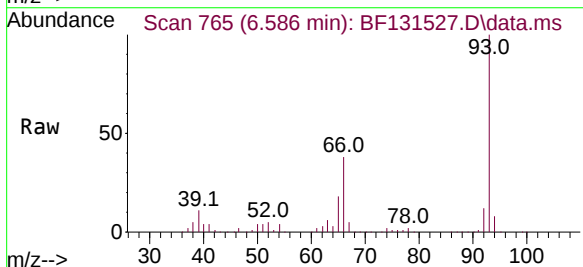
APPROVED

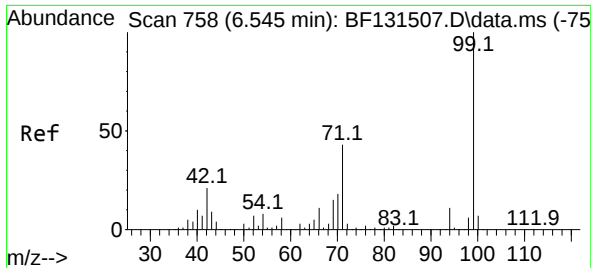
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#6
Aniline
Concen: 31.773 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Tgt Ion: 93 Resp: 308036
Ion Ratio Lower Upper
93 100
66 37.8 32.6 49.0
65 18.1 15.8 23.8





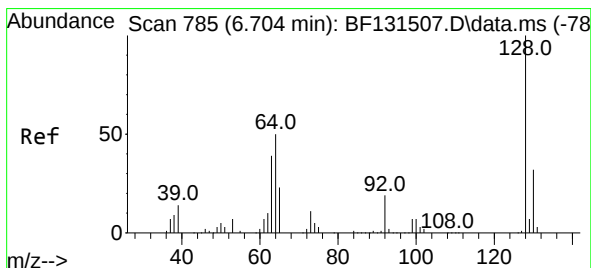
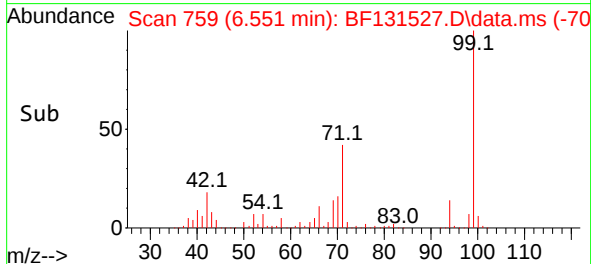
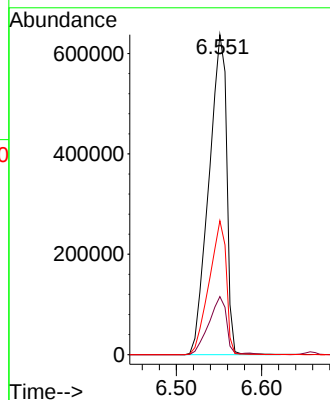
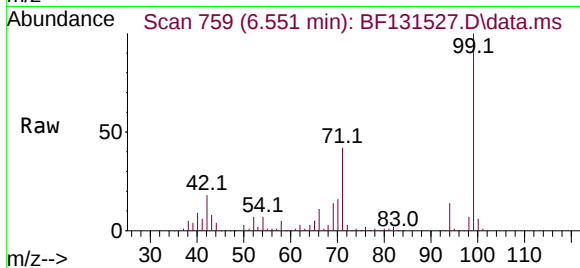
#7
Phenol-d6
Concen: 117.447 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :
BNA_F
ClientSampleId :
PB149432BS

Tgt Ion: 99 Resp: 922354
Ion Ratio Lower Upper
99 100
42 18.1 16.6 25.0
71 41.8 34.4 51.6

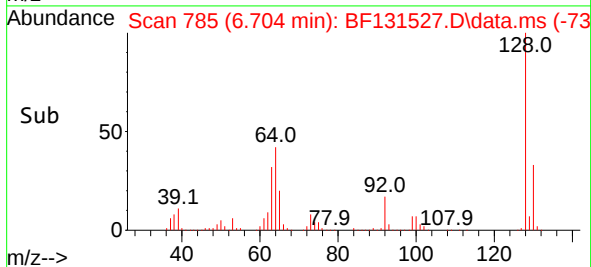
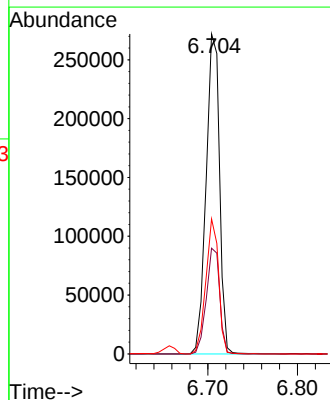
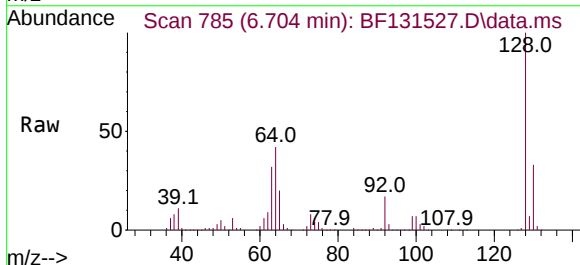
Manual Integrations
APPROVED

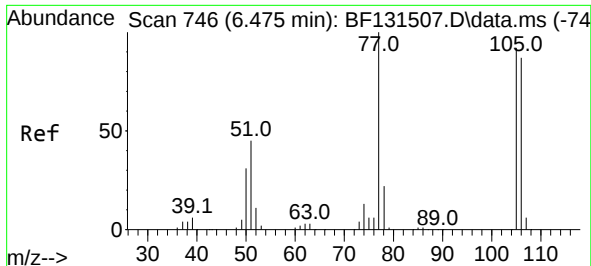
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#8
2-Chlorophenol
Concen: 42.122 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

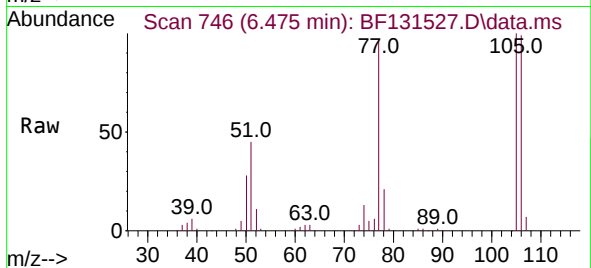
Tgt Ion:128 Resp: 282890
Ion Ratio Lower Upper
128 100
130 33.0 11.9 51.9
64 42.2 31.7 71.7





#9
Benzaldehyde
Concen: 22.589 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

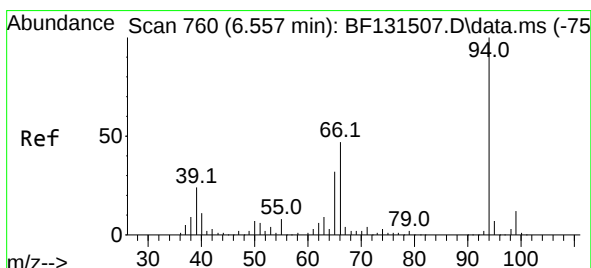
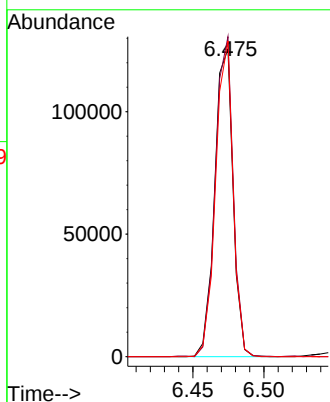
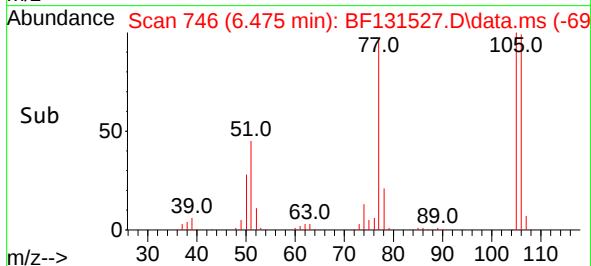
Instrument :
BNA_F
ClientSampleId :
PB149432BS



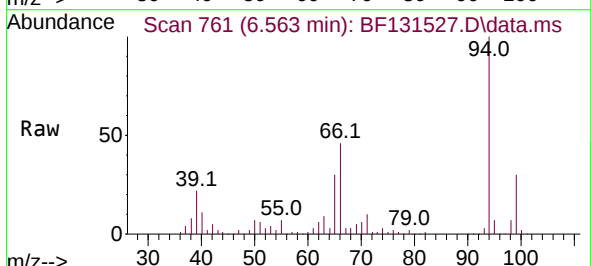
Tgt Ion: 77 Resp: 113229
Ion Ratio Lower Upper
77 100
105 104.0 71.9 111.9
106 102.6 67.2 107.2

Manual Integrations
APPROVED

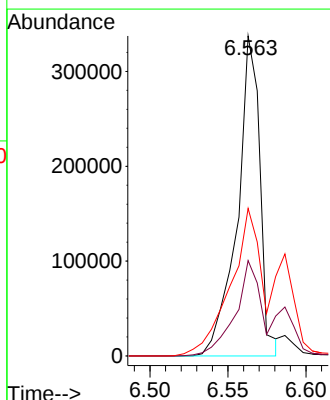
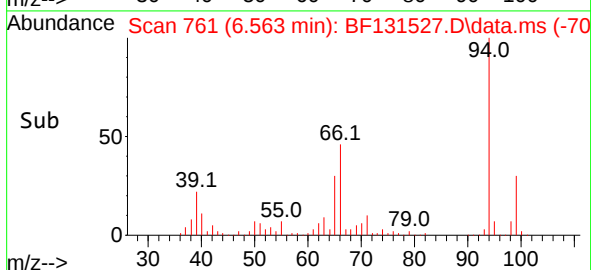
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

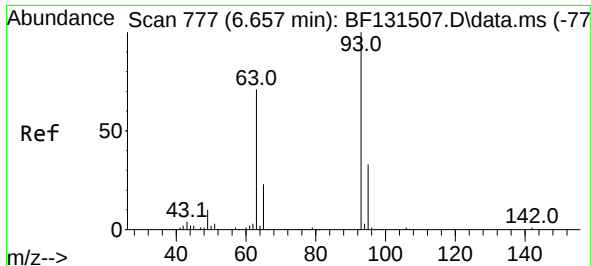


#10
Phenol
Concen: 38.251 ng m
RT: 6.563 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



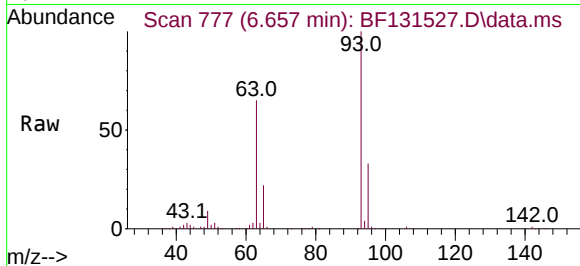
Tgt Ion: 94 Resp: 339821
Ion Ratio Lower Upper
94 100
65 29.8 12.1 52.1
66 46.1 27.1 67.1





#11
bis(2-Chloroethyl)ether
Concen: 37.539 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

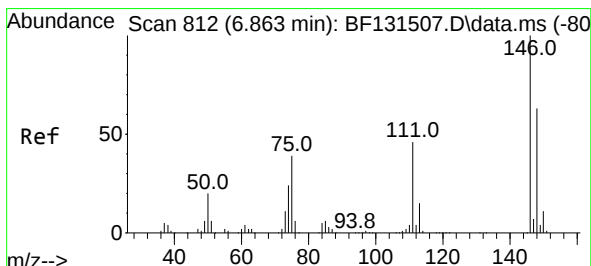
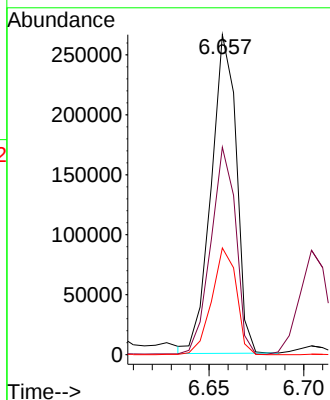
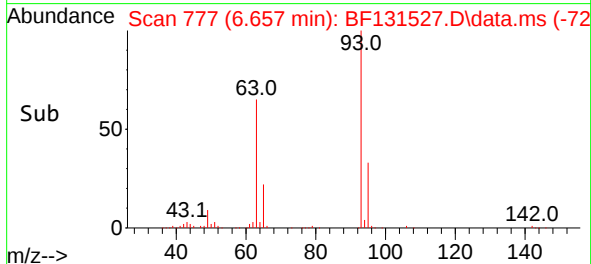
Instrument :
BNA_F
ClientSampleId :
PB149432BS



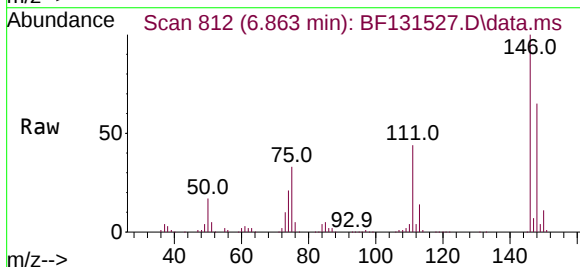
Tgt Ion: 93 Resp: 246316
Ion Ratio Lower Upper
93 100
63 64.8 51.2 91.2
95 33.3 13.0 53.0

Manual Integrations
APPROVED

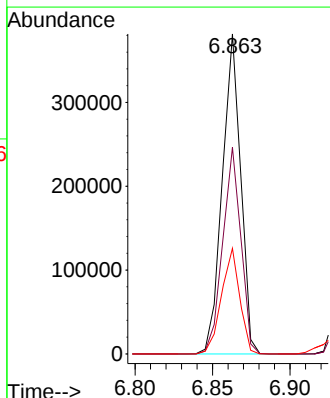
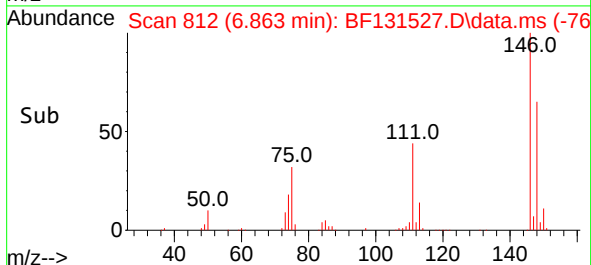
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

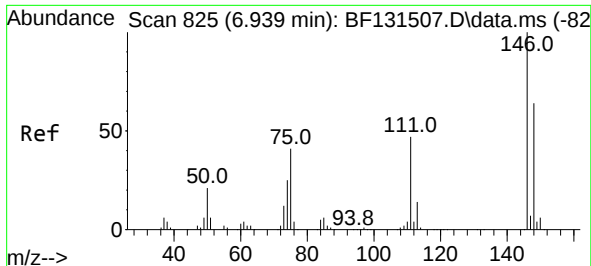


#12
1,3-Dichlorobenzene
Concen: 40.136 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:146 Resp: 314622
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
75 33.0 31.4 47.2





#13

1,4-Dichlorobenzene

Concen: 40.498 ng

RT: 6.939 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

Tgt Ion:146 Resp: 324445

Ion Ratio Lower Upper

146 100

148 63.3 50.9 76.3

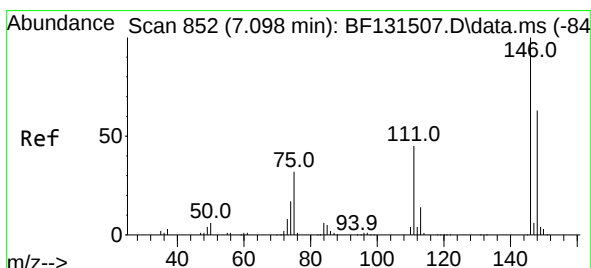
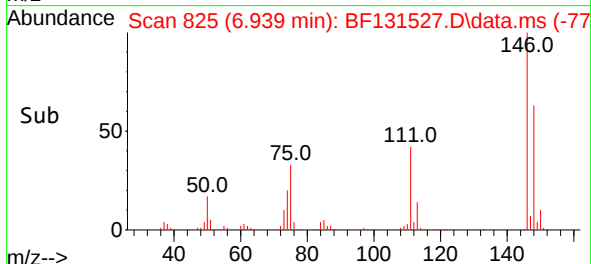
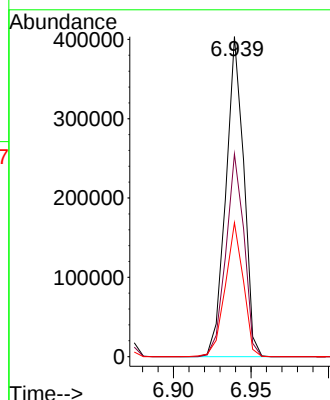
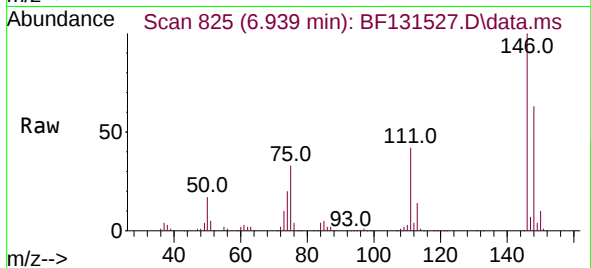
111 41.8 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#14

1,2-Dichlorobenzene

Concen: 41.342 ng

RT: 7.092 min Scan# 851

Delta R.T. -0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

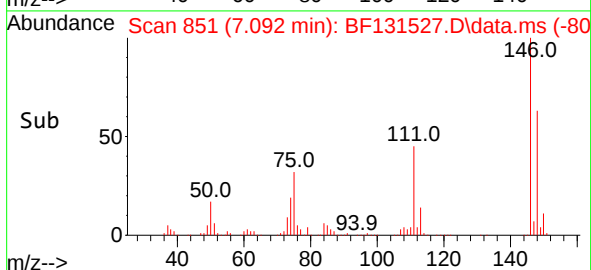
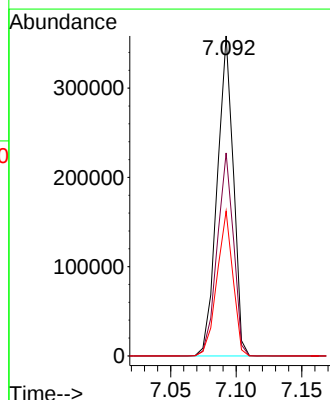
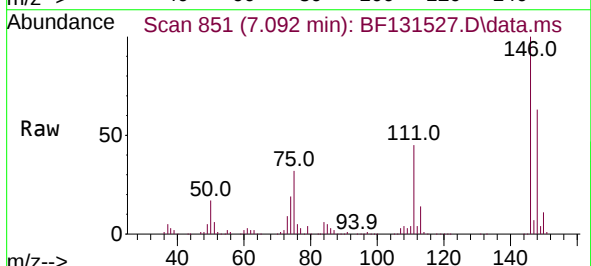
Tgt Ion:146 Resp: 308598

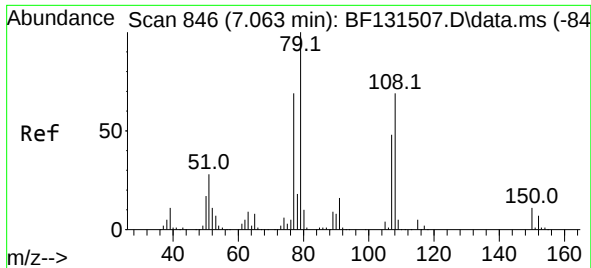
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

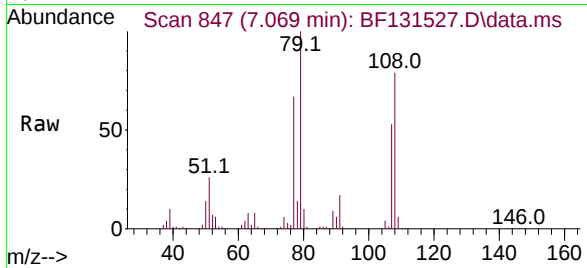
111 45.2 36.1 54.1





#15
Benzyl Alcohol
Concen: 32.289 ng m
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

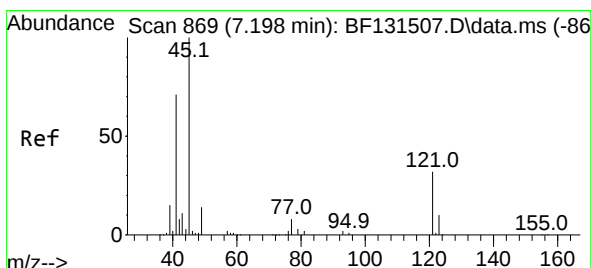
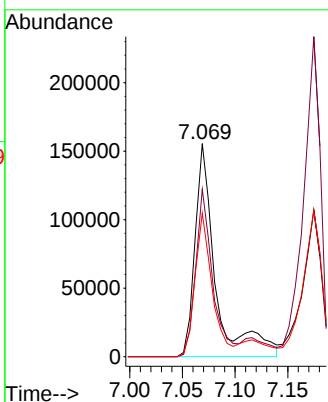
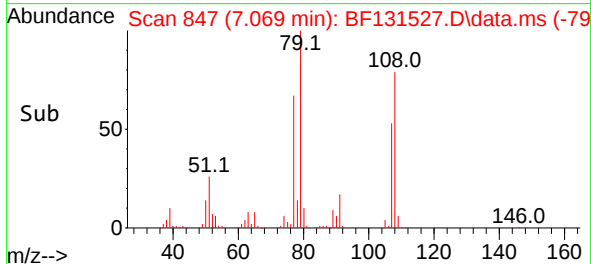
Instrument :
BNA_F
ClientSampleId :
PB149432BS



Tgt Ion: 79 Resp: 212095
Ion Ratio Lower Upper
79 100
108 78.6 55.1 82.7
77 67.4 55.4 83.0

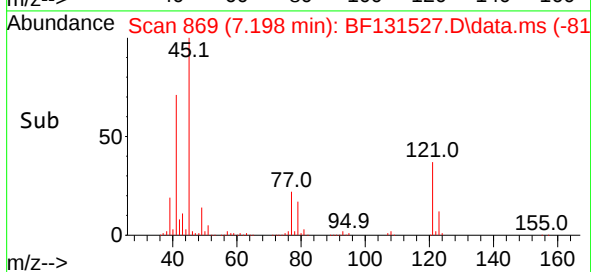
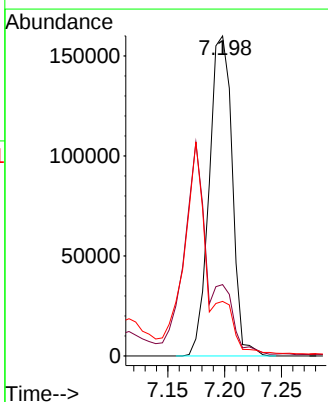
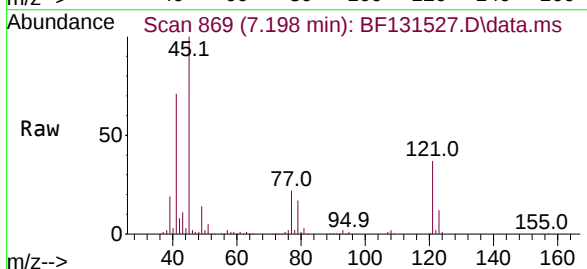
Manual Integrations
APPROVED

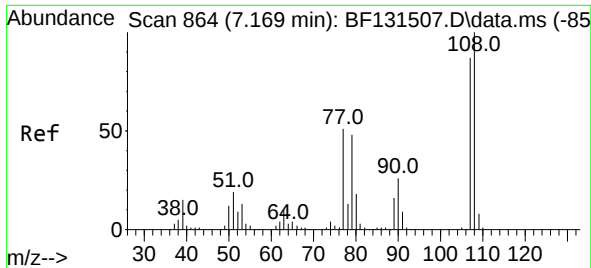
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.986 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Tgt Ion: 45 Resp: 225025
Ion Ratio Lower Upper
45 100
77 22.3 1.8 41.8
79 17.0 0.0 36.4





#17
2-Methylphenol
Concen: 40.205 ng
RT: 7.175 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

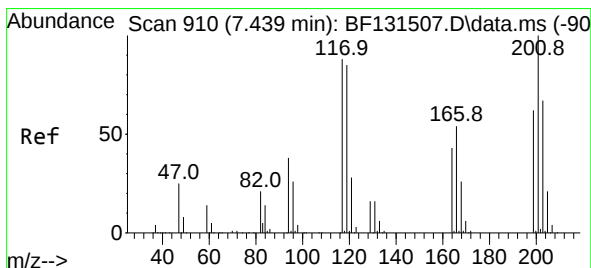
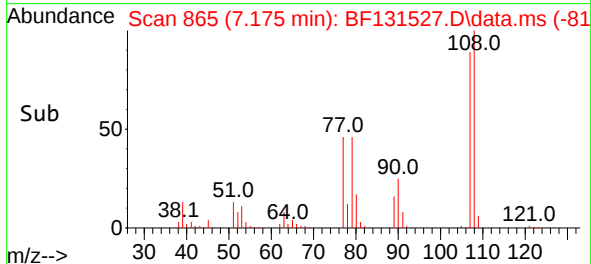
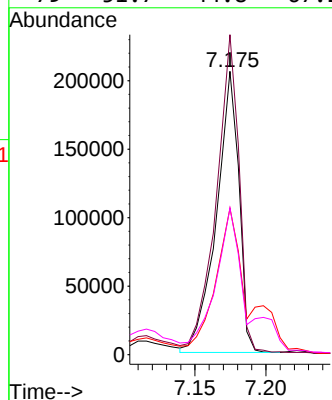
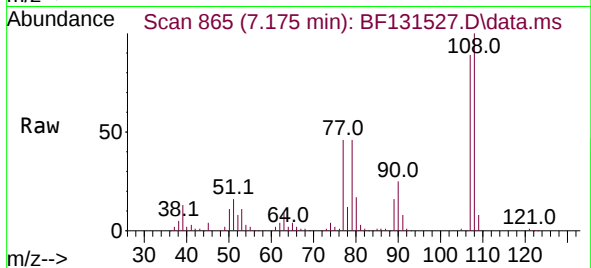
PB149432BS

Tgt Ion:107 Resp: 225532
Ion Ratio Lower Upper
107 100
108 113.0 92.1 138.1
77 51.7 47.0 70.4
79 51.7 44.8 67.2

Manual Integrations

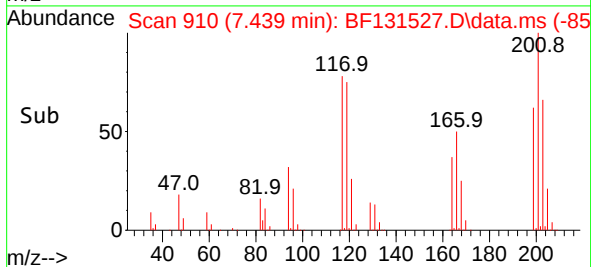
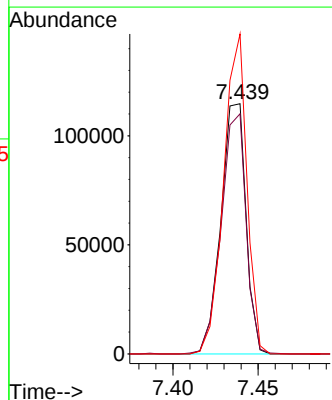
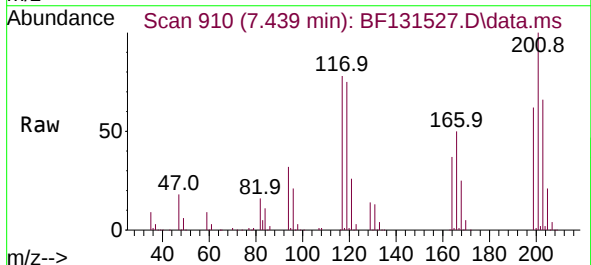
APPROVED

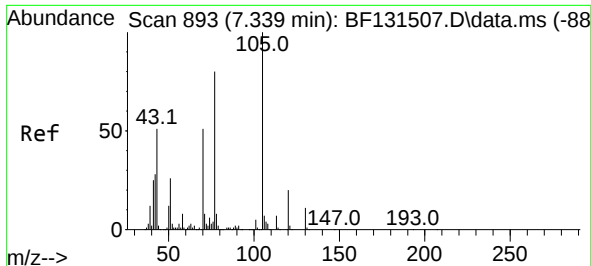
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#18
Hexachloroethane
Concen: 39.427 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

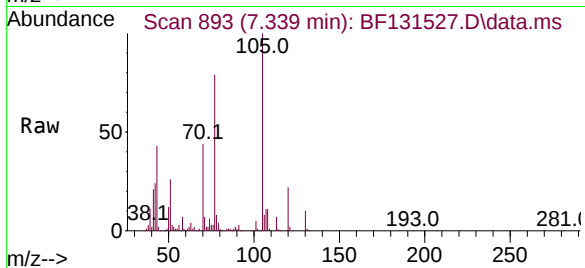
Tgt Ion:117 Resp: 117352
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8
201 127.9 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 35.247 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

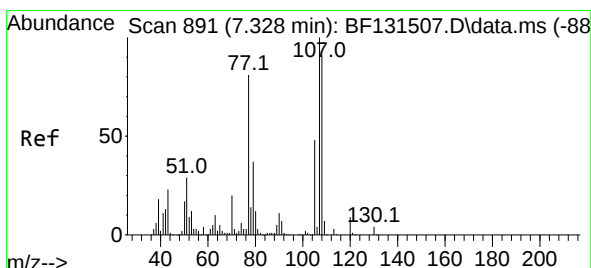
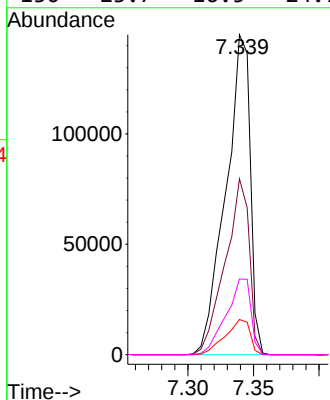
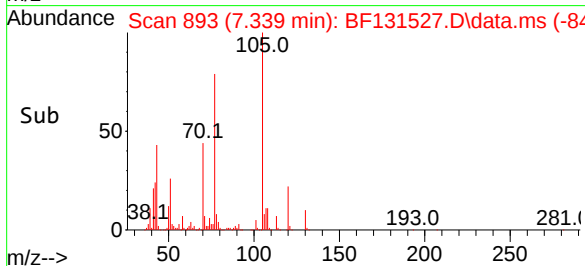
Instrument :
BNA_F
ClientSampleId :
PB149432BS



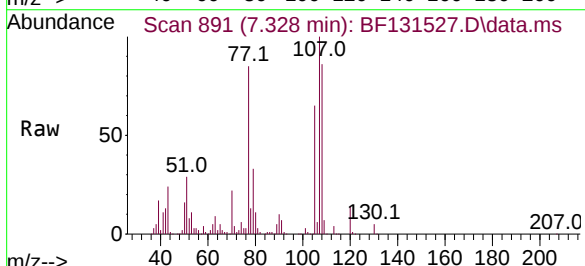
Tgt Ion: 70 Resp: 187341
Ion Ratio Lower Upper
70 100
42 54.9 44.1 66.1
101 11.0 7.7 11.5
130 23.7 16.5 24.7

Manual Integrations
APPROVED

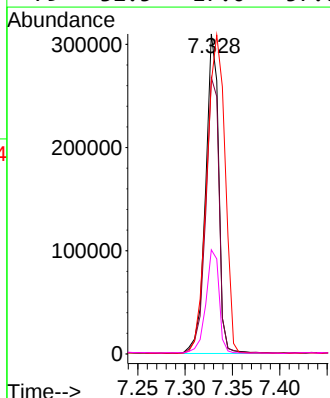
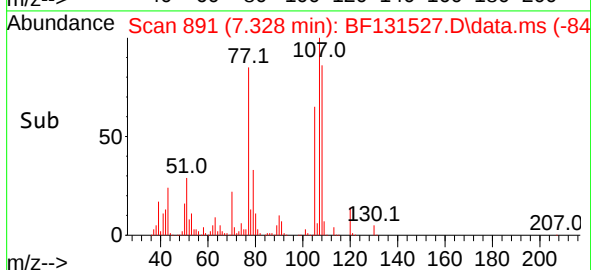
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

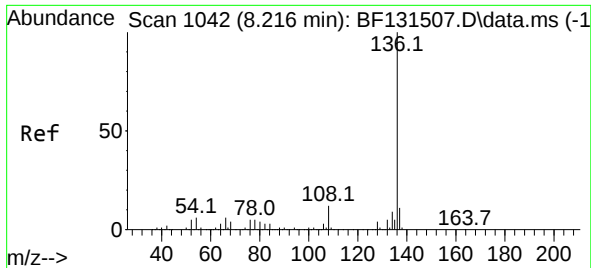


#20
3+4-Methylphenols
Concen: 39.462 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:107 Resp: 299363
Ion Ratio Lower Upper
107 100
108 86.4 70.8 110.8
77 85.0 60.7 100.7
79 32.5 17.0 57.0





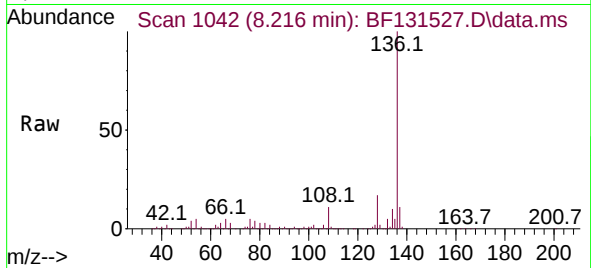
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

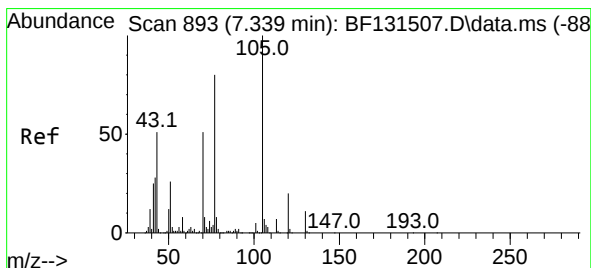
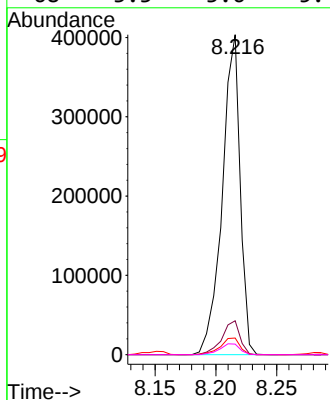
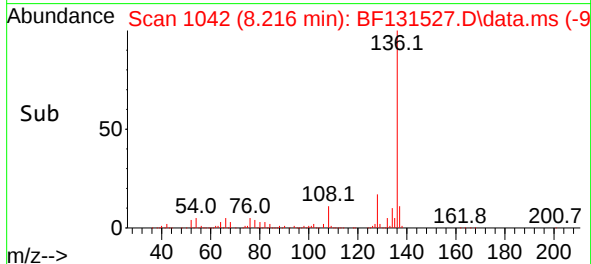


Tgt Ion:136 Resp: 412779
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.2 5.0 7.6
68 3.3 3.6 5.4#

Manual Integrations

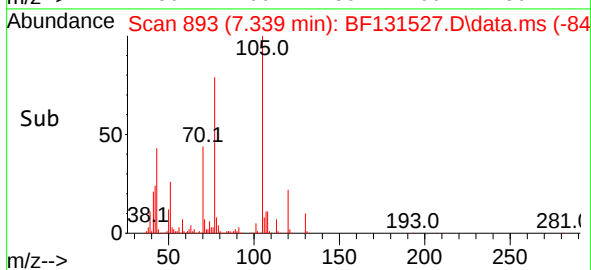
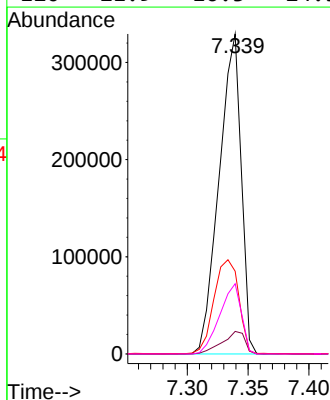
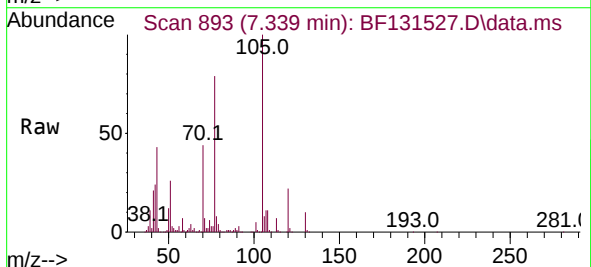
APPROVED

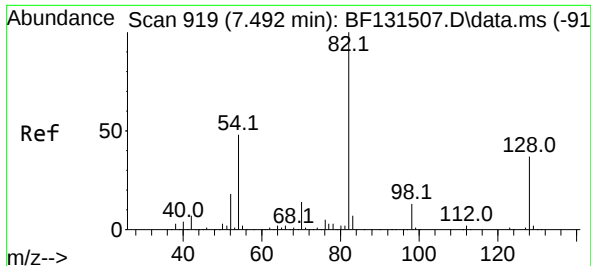
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#22
Acetophenone
Concen: 36.980 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

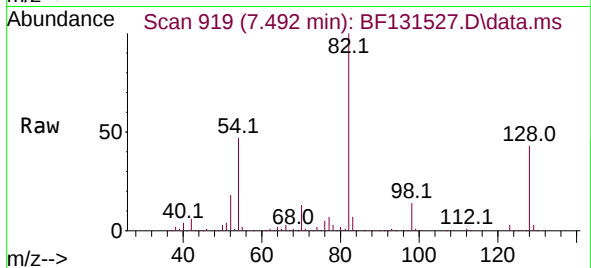
Tgt Ion:105 Resp: 414207
Ion Ratio Lower Upper
105 100
71 7.0 6.6 10.0
51 25.8 21.0 31.6
120 21.9 16.3 24.5





#23
Nitrobenzene-d5
Concen: 63.853 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

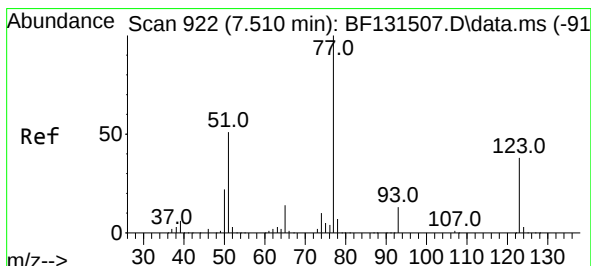
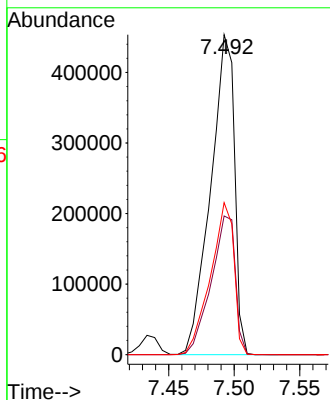
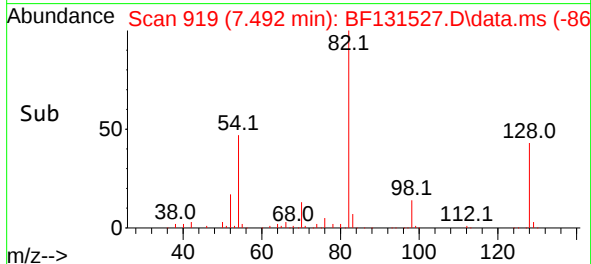
Instrument :
BNA_F
ClientSampleId :
PB149432BS



Tgt Ion: 82 Resp: 574278
Ion Ratio Lower Upper
82 100
128 43.3 29.7 44.5
54 47.5 38.7 58.1

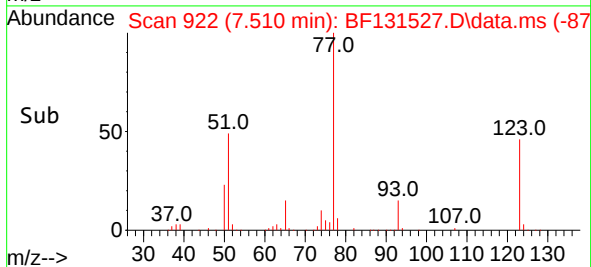
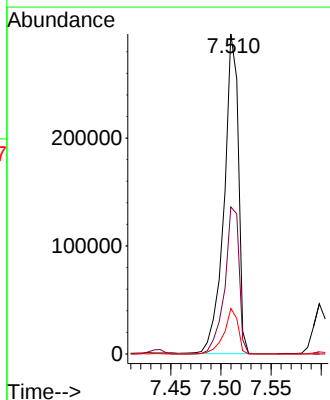
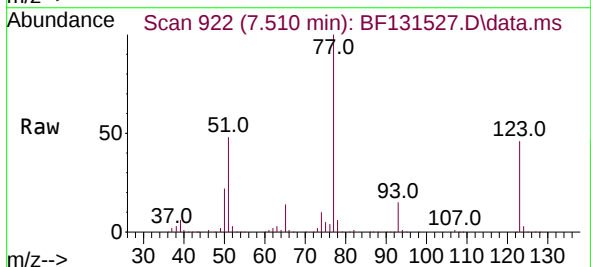
Manual Integrations
APPROVED

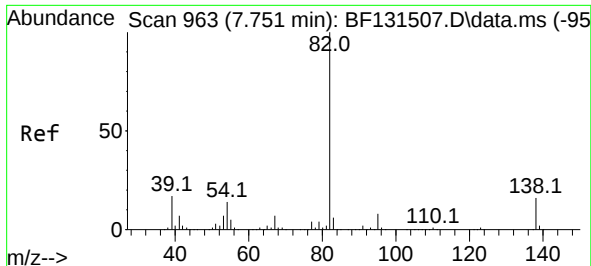
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#24
Nitrobenzene
Concen: 32.521 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

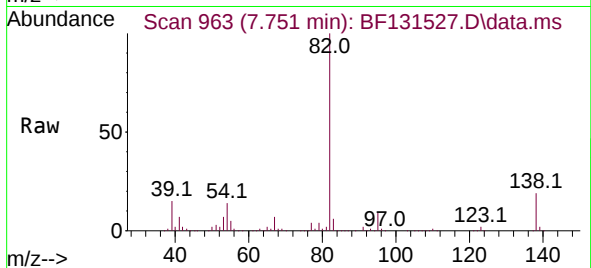
Tgt Ion: 77 Resp: 295110
Ion Ratio Lower Upper
77 100
123 45.9 31.0 46.4
65 14.2 11.4 17.2





#25
Isophorone
Concen: 36.894 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

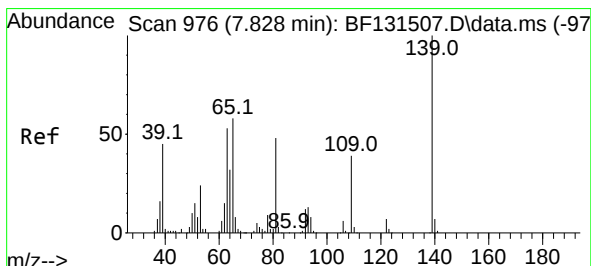
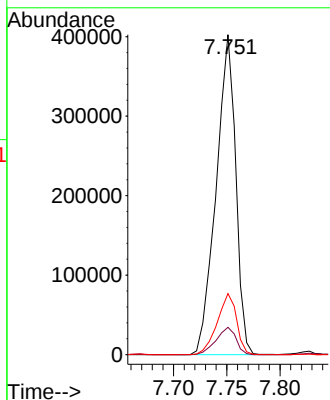
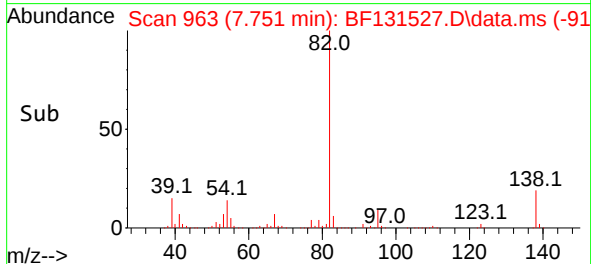
Instrument :
BNA_F
ClientSampleId :
PB149432BS



Tgt Ion: 82 Resp: 516150
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 19.1 12.7 19.1

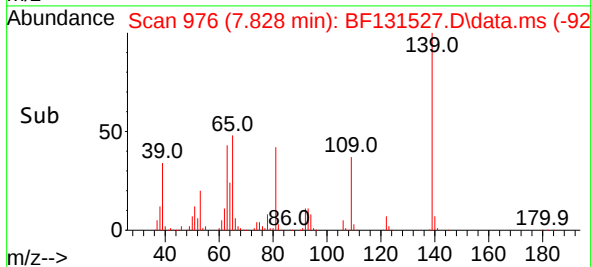
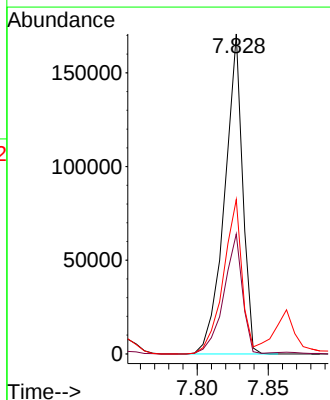
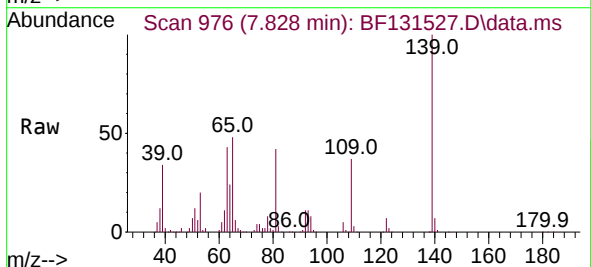
Manual Integrations
APPROVED

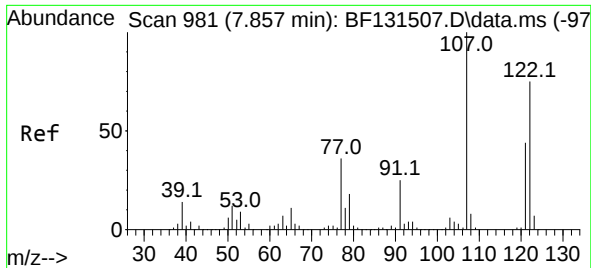
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#26
2-Nitrophenol
Concen: 45.151 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Tgt Ion:139 Resp: 150014
Ion Ratio Lower Upper
139 100
109 37.5 31.6 47.4
65 48.2 46.8 70.2





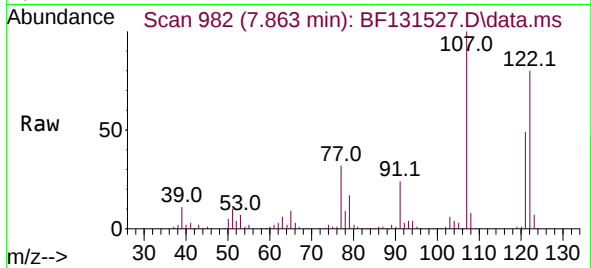
#27
2,4-Dimethylphenol
Concen: 48.637 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

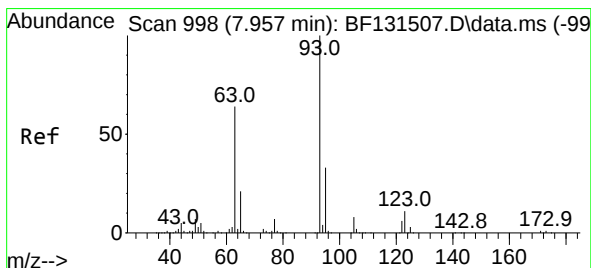
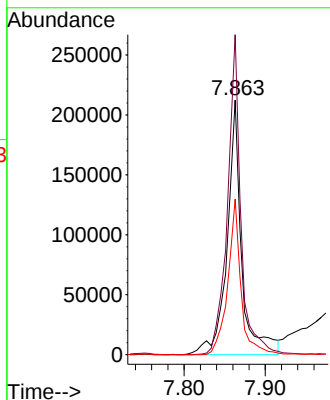
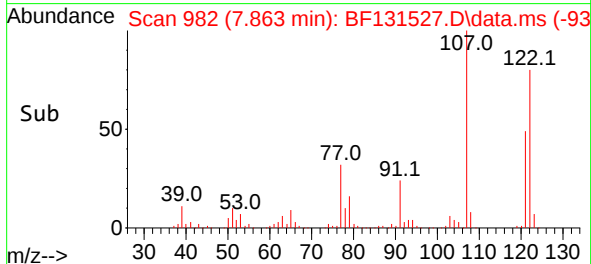


Tgt Ion:122 Resp: 265322
Ion Ratio Lower Upper
122 100
107 125.7 106.8 160.2
121 61.0 47.3 70.9

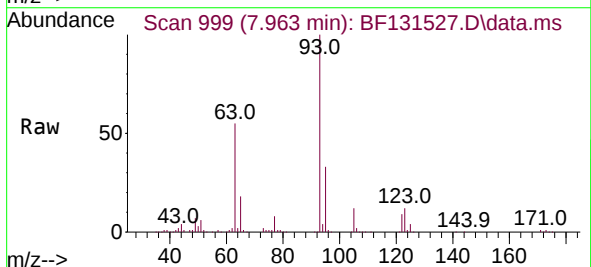
Manual Integrations

APPROVED

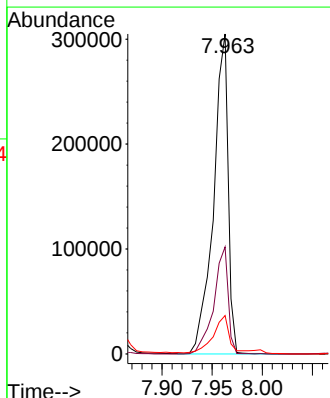
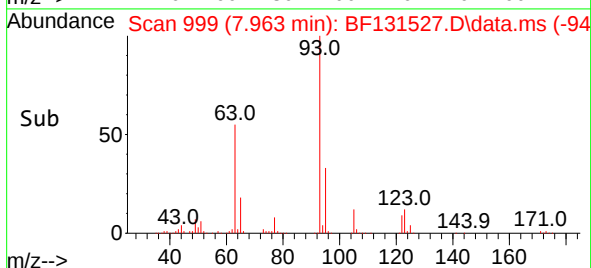
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

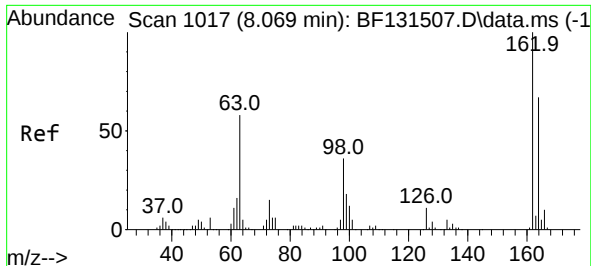


#28
bis(2-Chloroethoxy)methane
Concen: 39.869 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion: 93 Resp: 309216
Ion Ratio Lower Upper
93 100
95 33.4 26.4 39.6
123 12.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.518 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF131527.D

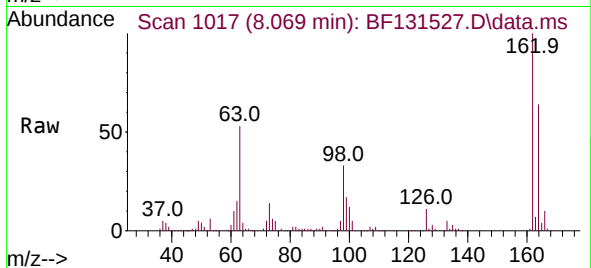
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS



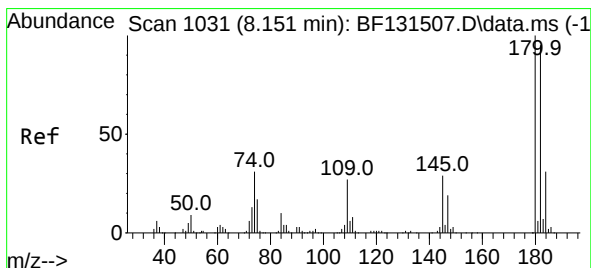
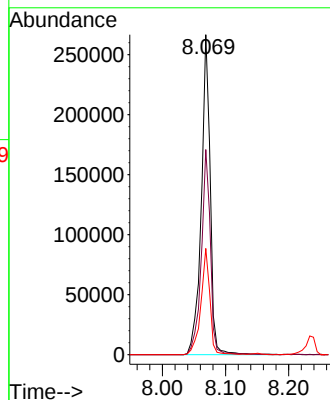
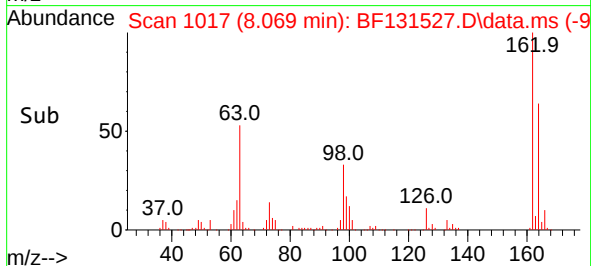
Tgt Ion:	162	Resp:	26233
Ion Ratio	Lower	Upper	
162	100		
164	64.1	47.3	87.3
98	33.2	16.3	56.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.069 ng

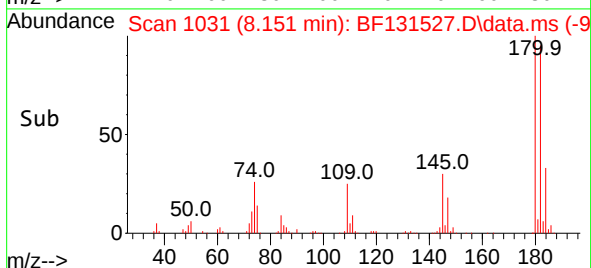
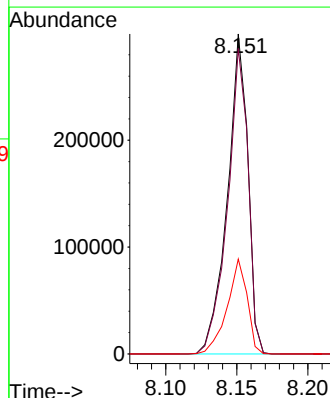
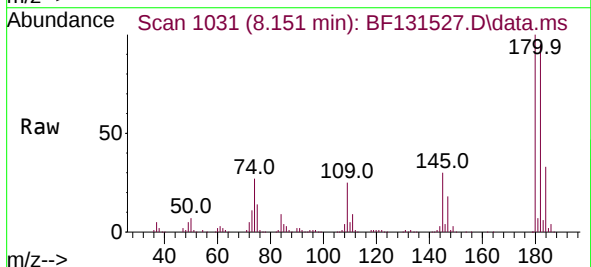
RT: 8.151 min Scan# 1031

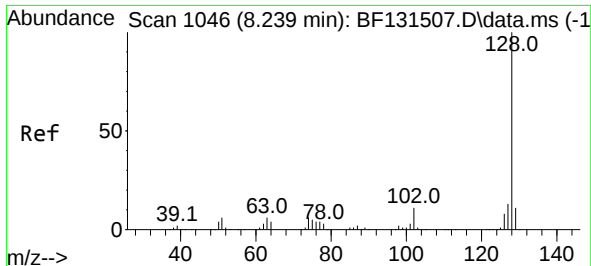
Delta R.T. -0.000 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Tgt Ion:	180	Resp:	300560
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.3	114.5
145	29.6	23.3	34.9





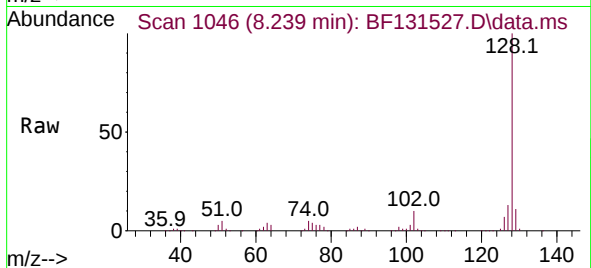
#31
Naphthalene
Concen: 36.093 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

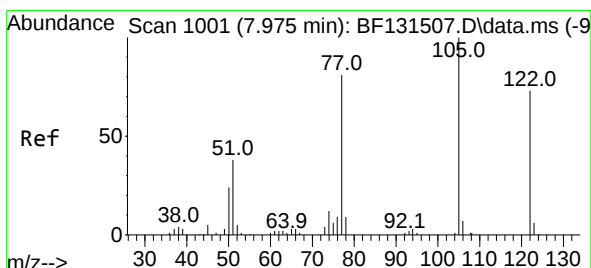
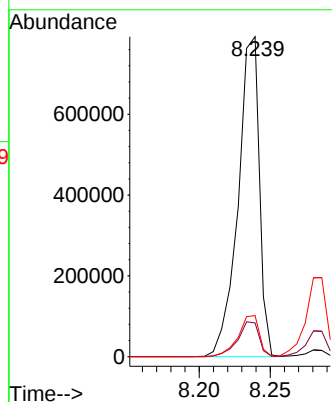
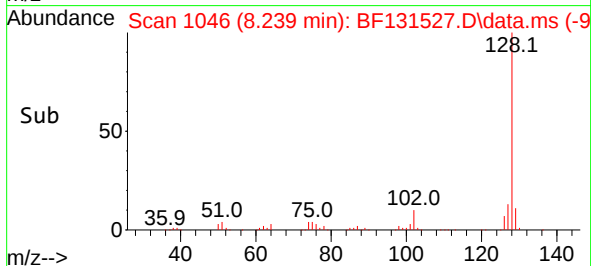


Tgt Ion:128 Resp: 823642
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.8 10.6 16.0

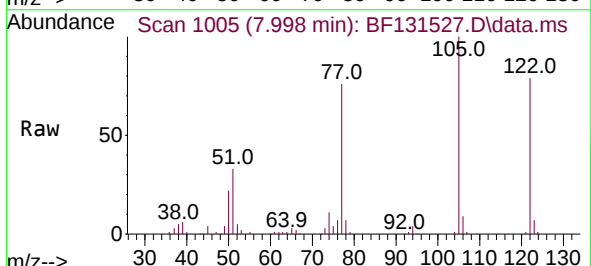
Manual Integrations

APPROVED

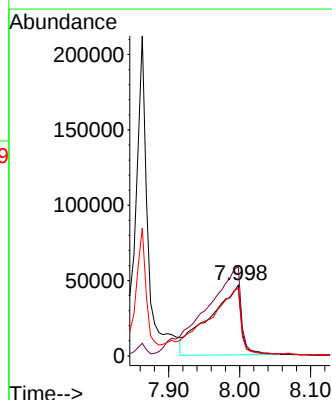
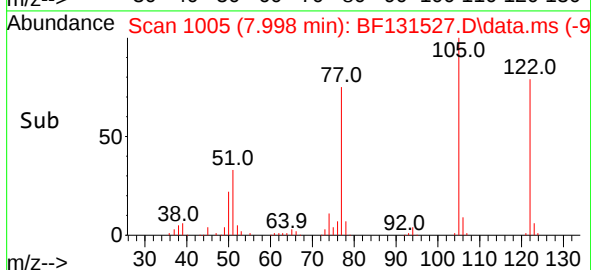
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

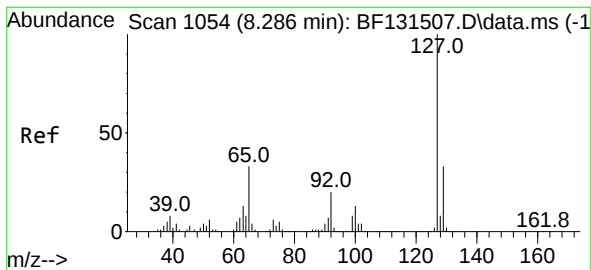


#32
Benzoic acid
Concen: 44.246 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.023 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:122 Resp: 145556
Ion Ratio Lower Upper
122 100
105 125.9 114.0 154.0
77 95.4 90.3 130.3





#33
4-Chloroaniline
Concen: 24.379 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

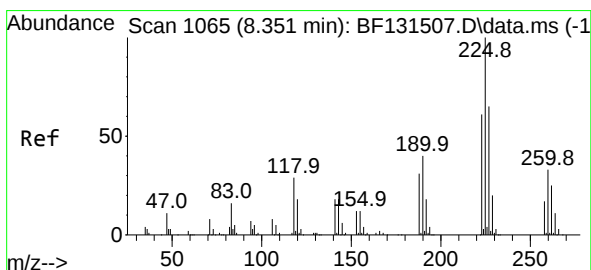
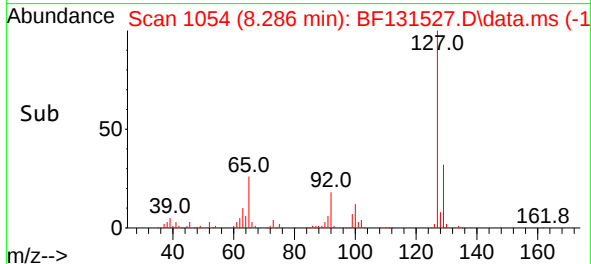
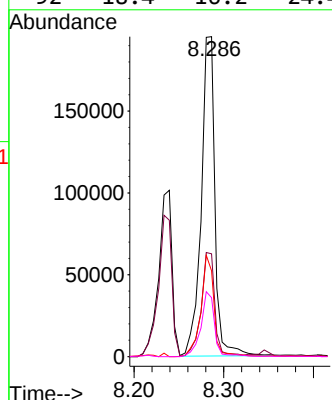
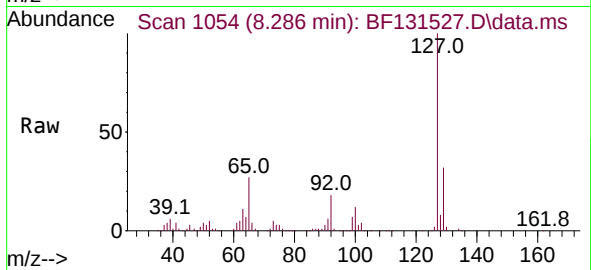
PB149432BS

Tgt Ion:127 Resp: 20837
Ion Ratio Lower Upper
127 100
129 32.1 26.5 39.7
65 26.8 26.4 39.6
92 18.4 16.2 24.4

Manual Integrations

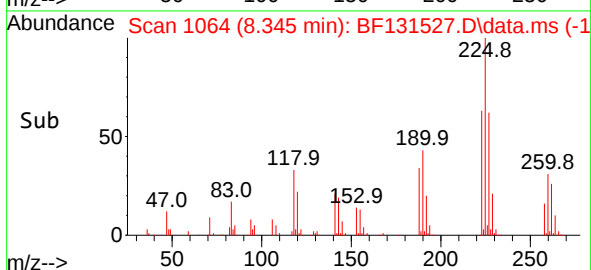
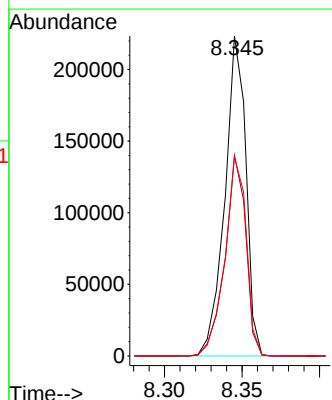
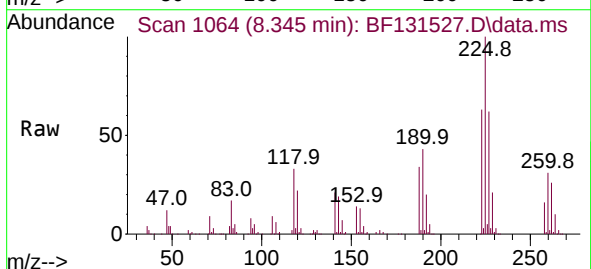
APPROVED

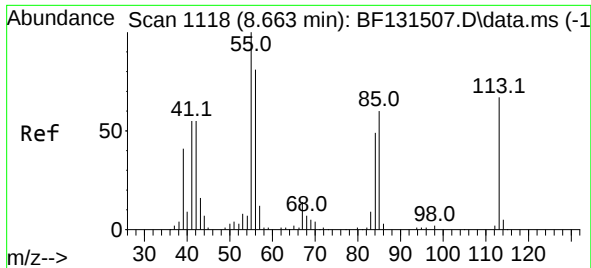
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#34
Hexachlorobutadiene
Concen: 37.573 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

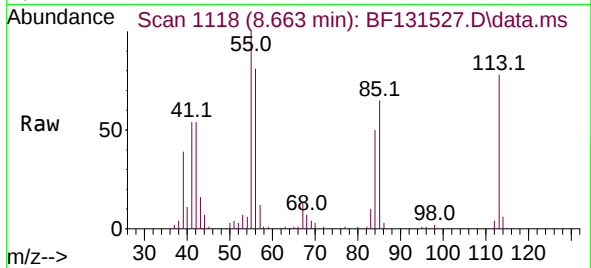
Tgt Ion:225 Resp: 211877
Ion Ratio Lower Upper
225 100
223 62.7 49.2 73.8
227 62.2 51.7 77.5





#35
Caprolactam
Concen: 40.619 ng m
RT: 8.663 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

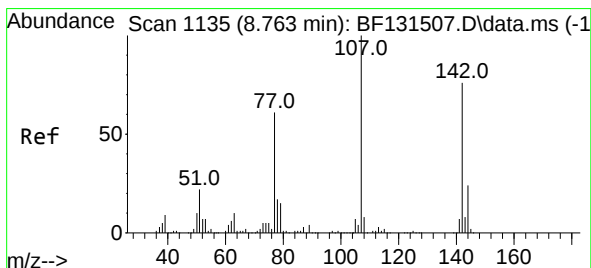
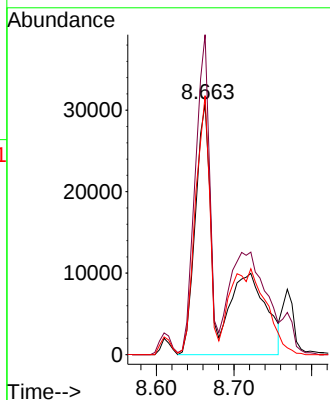
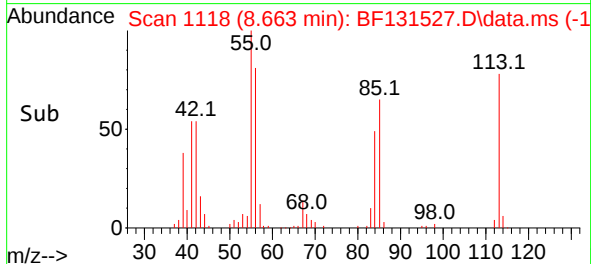
Instrument :
BNA_F
ClientSampleId :
PB149432BS



Tgt Ion:113 Resp: 72046
Ion Ratio Lower Upper
113 100
55 127.8 128.2 168.2
56 103.4 100.7 140.7

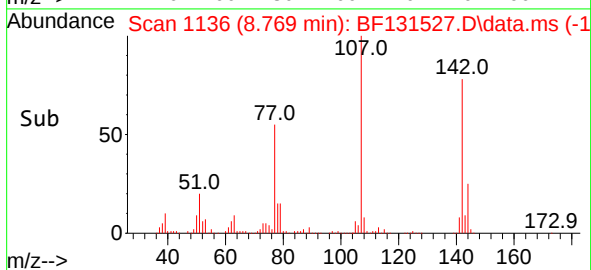
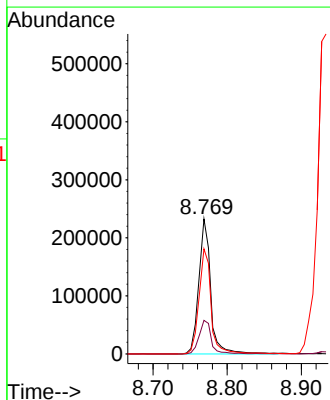
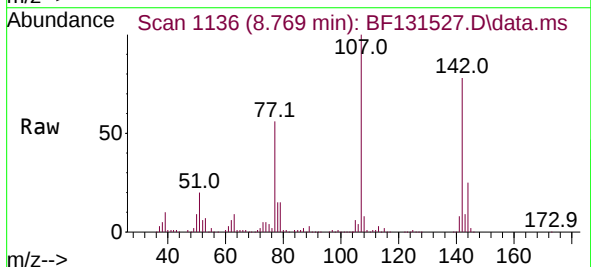
Manual Integrations
APPROVED

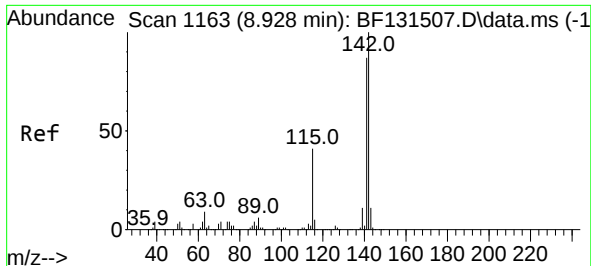
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#36
4-Chloro-3-methylphenol
Concen: 38.395 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Tgt Ion:107 Resp: 259335
Ion Ratio Lower Upper
107 100
144 24.9 19.4 29.0
142 77.8 61.1 91.7





#37

2-Methylnaphthalene

Concen: 37.419 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

Tgt Ion:142 Resp: 57142

Ion Ratio Lower Upper

142 100

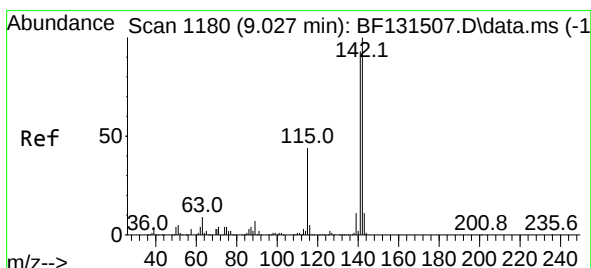
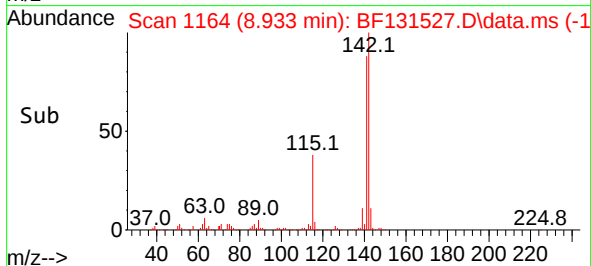
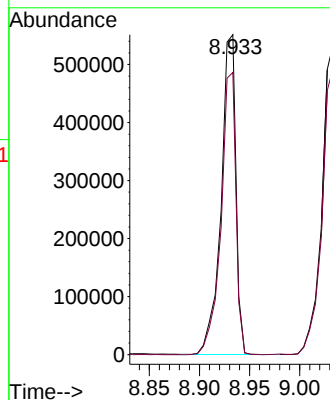
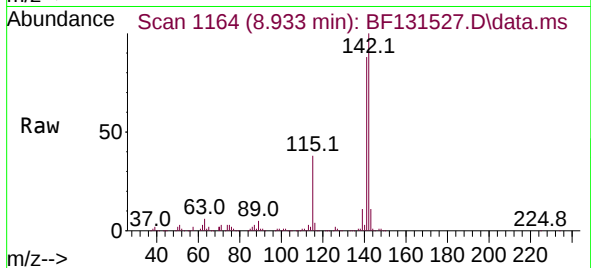
141 88.2 69.7 104.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#38

1-Methylnaphthalene

Concen: 36.395 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF131527.D

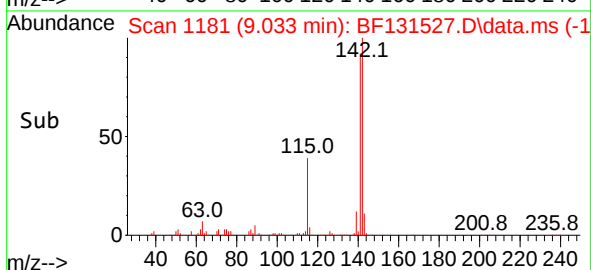
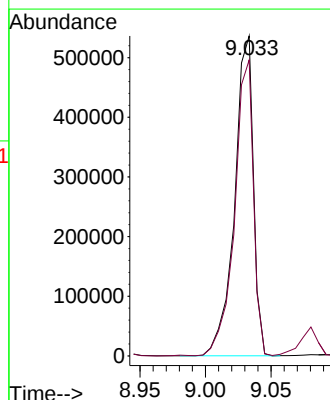
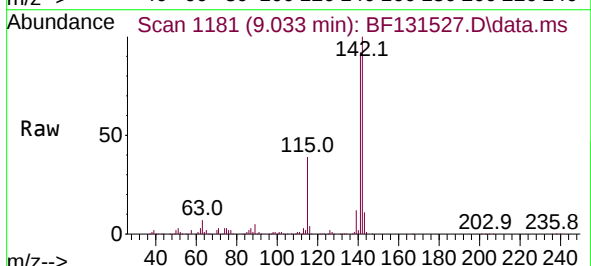
Acq: 06 Dec 2022 14:48

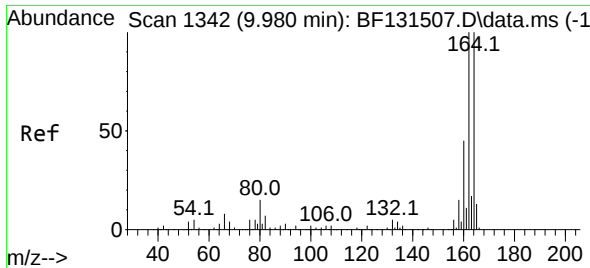
Tgt Ion:142 Resp: 534047

Ion Ratio Lower Upper

142 100

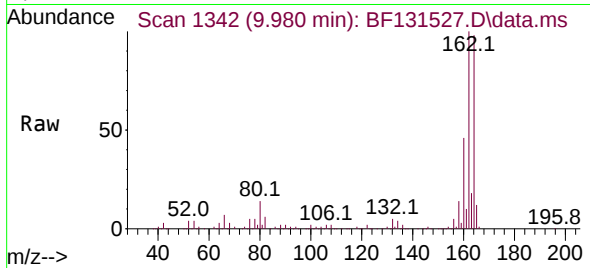
141 92.5 74.2 111.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

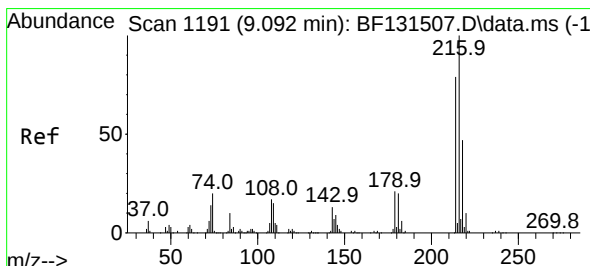
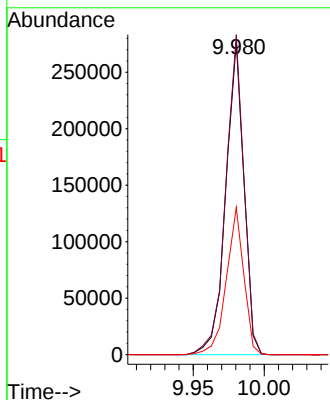
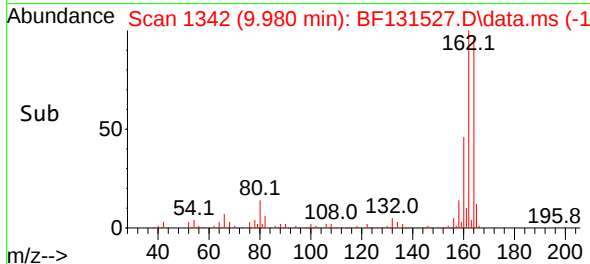
Instrument :
BNA_F
ClientSampleId :
PB149432BS



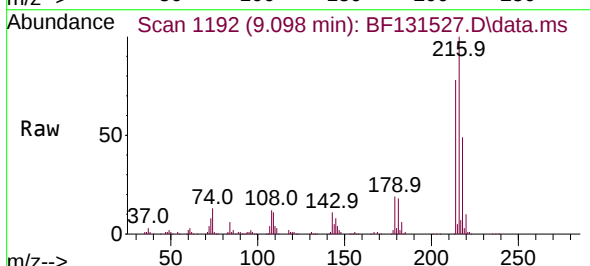
Tgt Ion:164 Resp: 244933
Ion Ratio Lower Upper
164 100
162 102.5 80.1 120.1
160 47.1 36.4 54.6

Manual Integrations
APPROVED

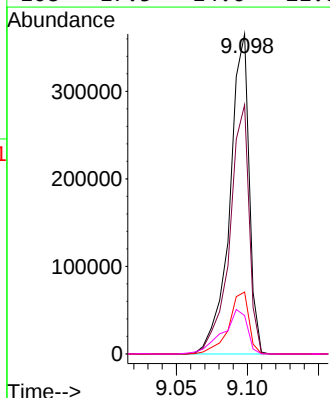
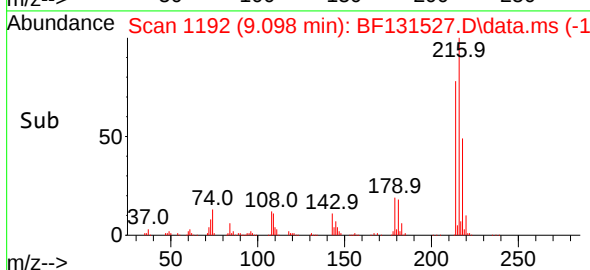
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

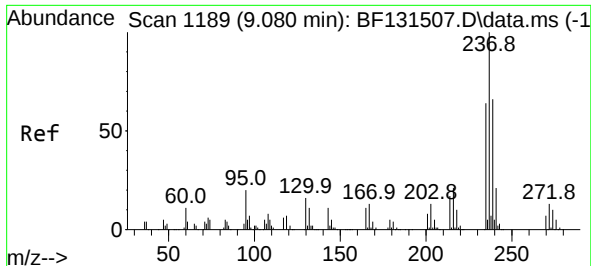


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.302 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:216 Resp: 346555
Ion Ratio Lower Upper
216 100
214 78.0 62.2 93.4
179 20.0 16.4 24.6
108 17.5 14.6 21.8





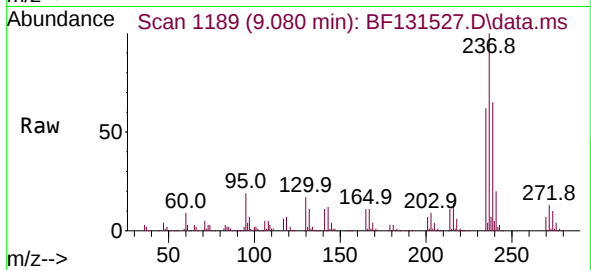
#41
Hexachlorocyclopentadiene
Concen: 101.422 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

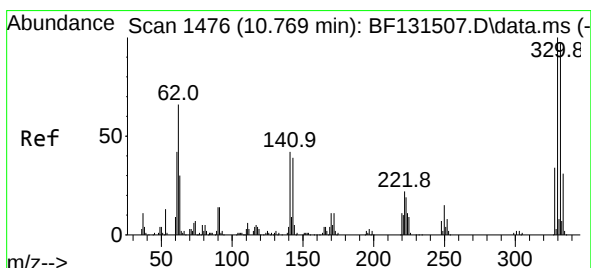
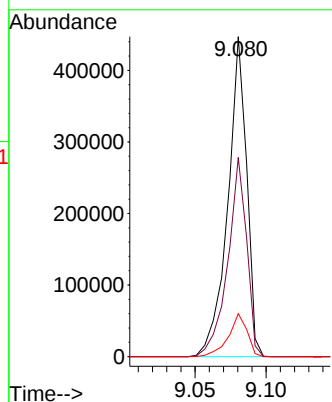
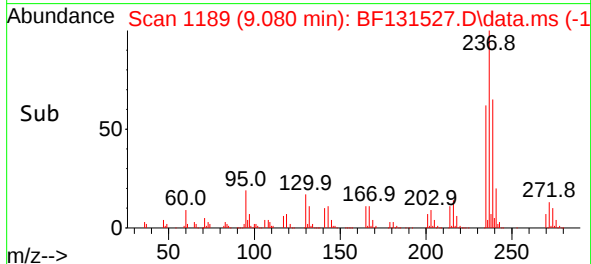


Tgt Ion:237 Resp: 413375
Ion Ratio Lower Upper
237 100
235 62.2 44.2 84.2
272 13.4 0.0 32.9

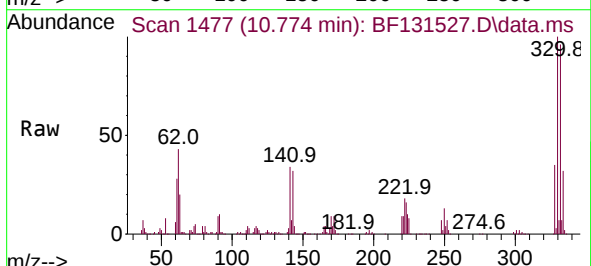
Manual Integrations

APPROVED

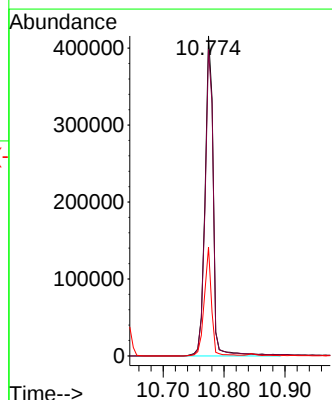
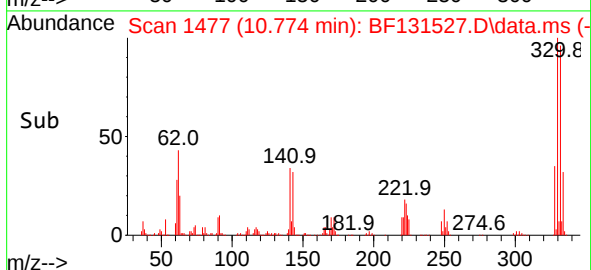
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

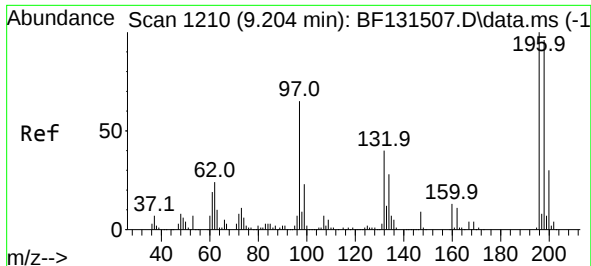


#42
2,4,6-Tribromophenol
Concen: 138.704 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.005 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:330 Resp: 386831
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.2
141 30.2 29.1 43.7





#43

2,4,6-Trichlorophenol

Concen: 35.779 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

Tgt Ion:196 Resp: 195731

Ion Ratio Lower Upper

196 100

198 97.6 76.5 114.7

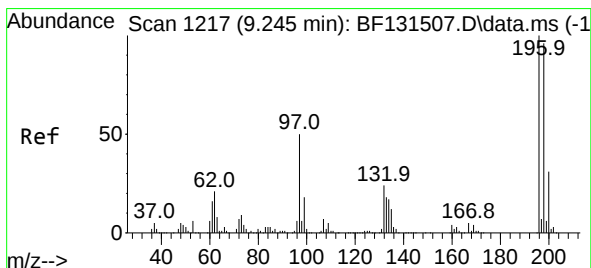
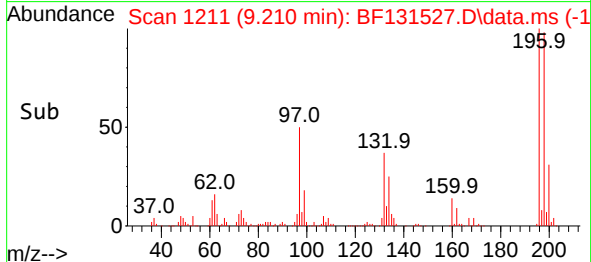
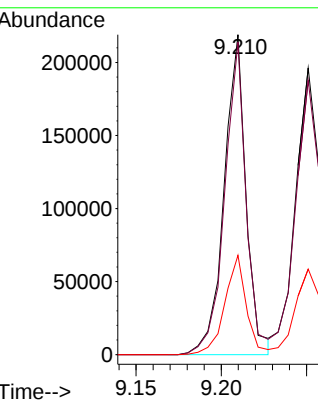
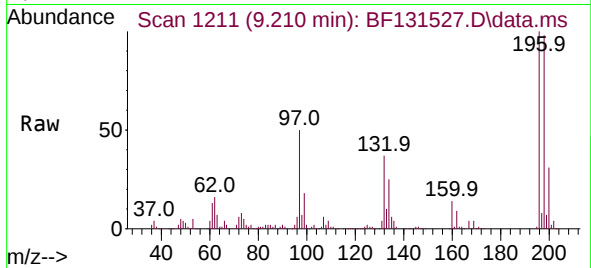
200 31.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#44

2,4,5-Trichlorophenol

Concen: 40.255 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Tgt Ion:196 Resp: 234854

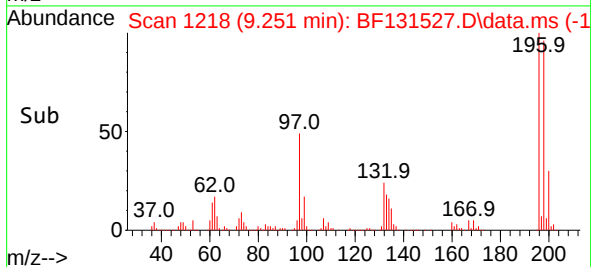
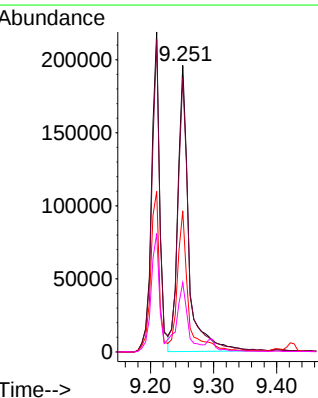
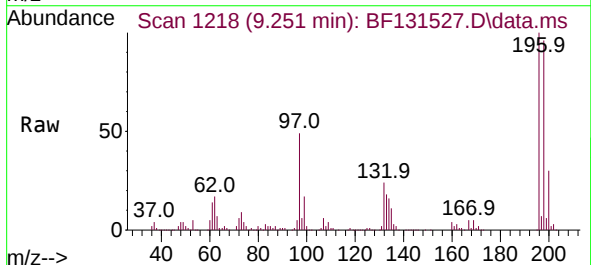
Ion Ratio Lower Upper

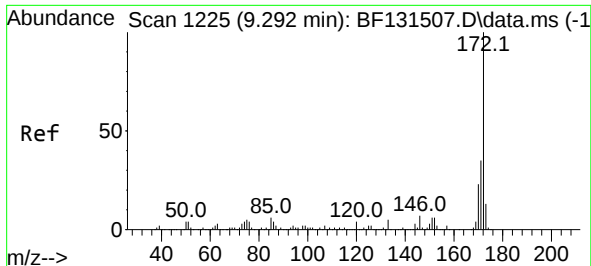
196 100

198 95.7 76.6 114.8

97 49.2 40.6 61.0

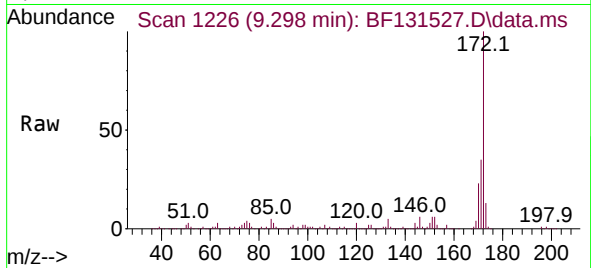
132 24.2 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 70.431 ng
RT: 9.298 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

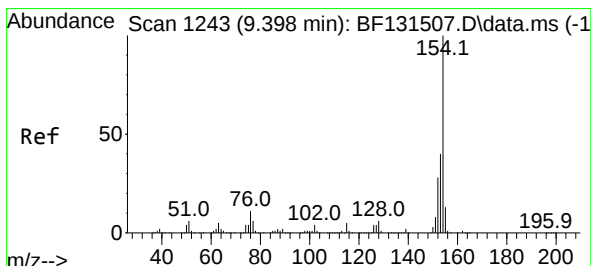
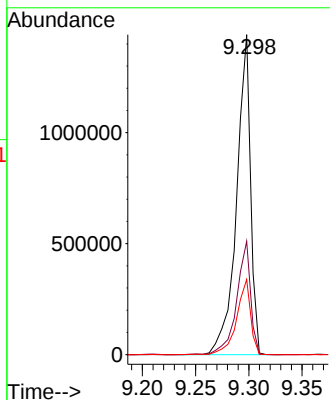
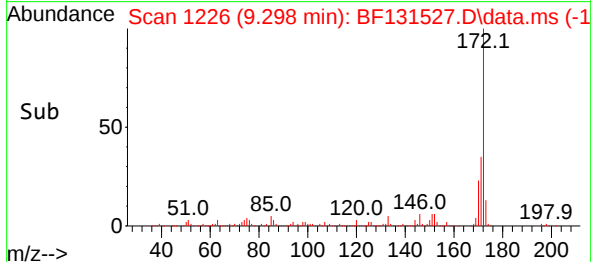
Instrument :
BNA_F
ClientSampleId :
PB149432BS



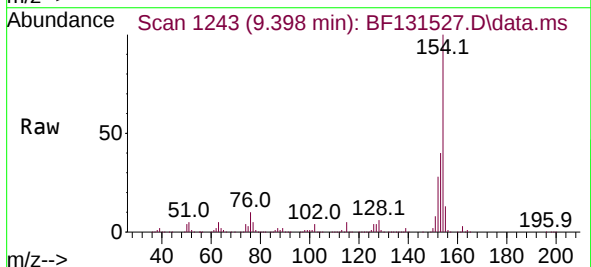
Tgt Ion:172 Resp: 1315006
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.5 18.7 28.1

Manual Integrations
APPROVED

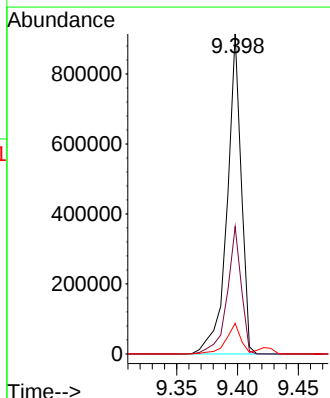
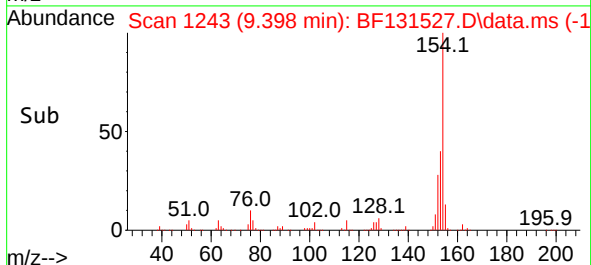
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

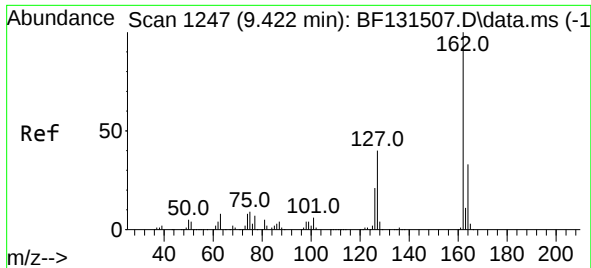


#46
1,1'-Biphenyl
Concen: 37.920 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



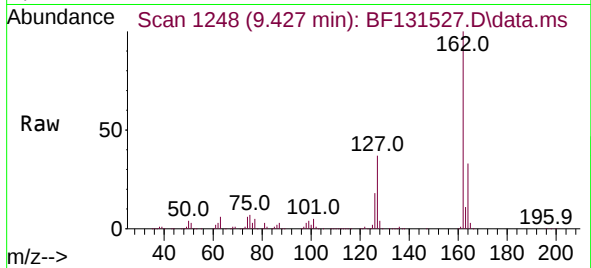
Tgt Ion:154 Resp: 732365
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 9.5 0.0 30.9





#47
2-Chloronaphthalene
Concen: 36.411 ng
RT: 9.427 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

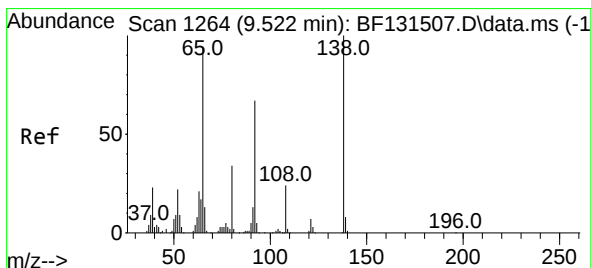
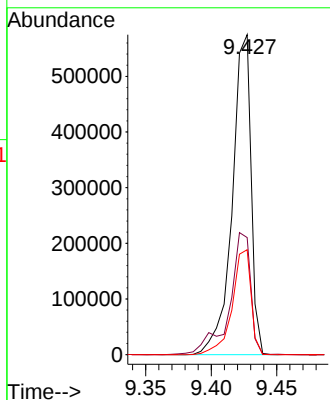
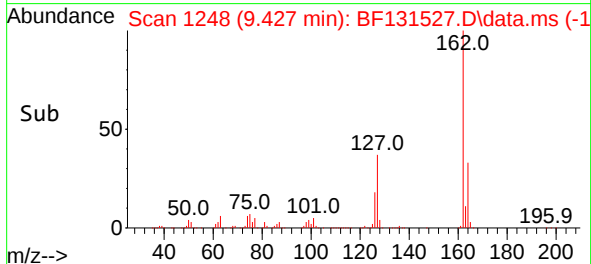
Instrument :
BNA_F
ClientSampleId :
PB149432BS



Tgt Ion:162 Resp: 574445
Ion Ratio Lower Upper
162 100
127 36.6 32.6 48.8
164 32.8 26.0 39.0

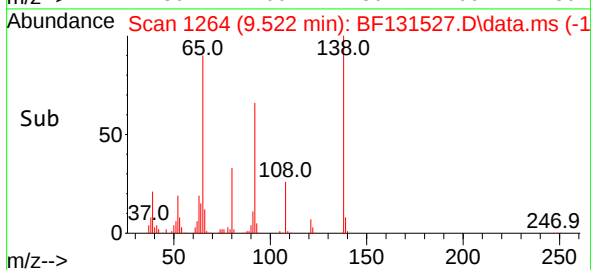
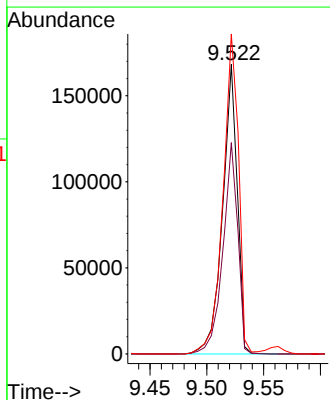
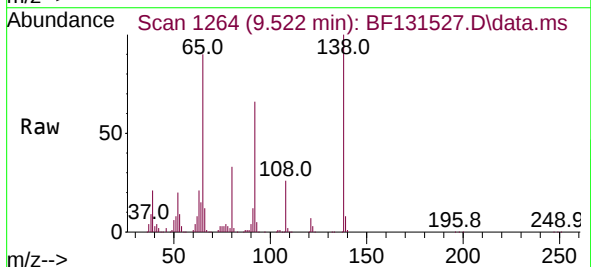
Manual Integrations
APPROVED

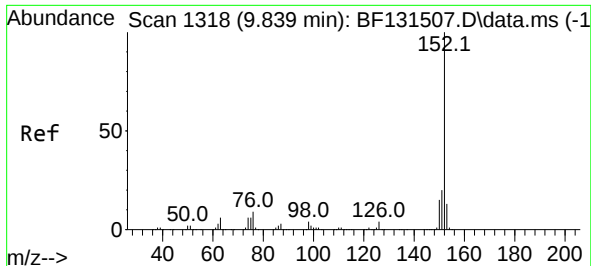
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#48
2-Nitroaniline
Concen: 33.212 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Tgt Ion: 65 Resp: 151395
Ion Ratio Lower Upper
65 100
92 73.0 57.4 86.0
138 110.5 85.4 128.0





#49

Acenaphthylene

Concen: 36.504 ng

RT: 9.845 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

Tgt Ion:152 Resp: 86026

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

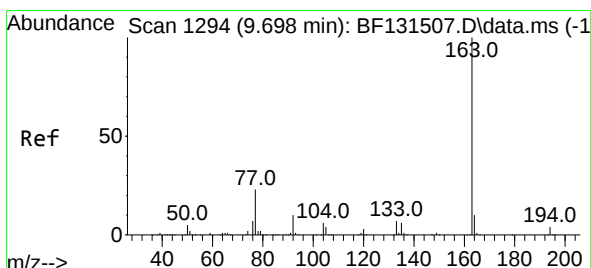
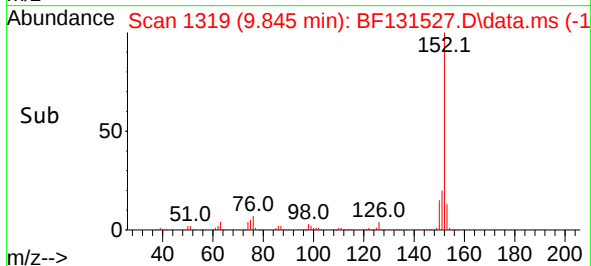
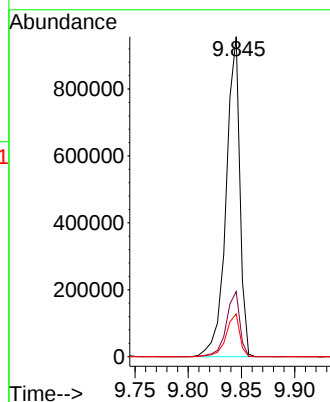
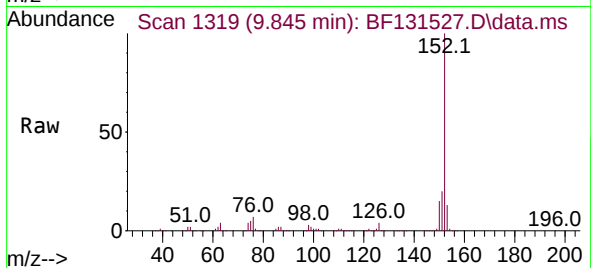
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#50

Dimethylphthalate

Concen: 37.636 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

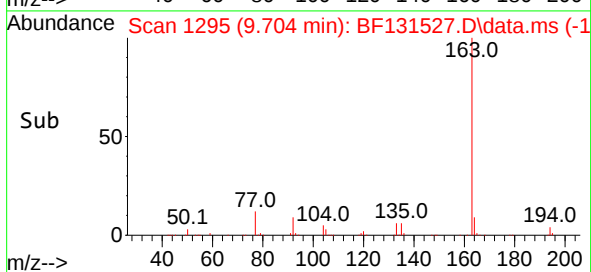
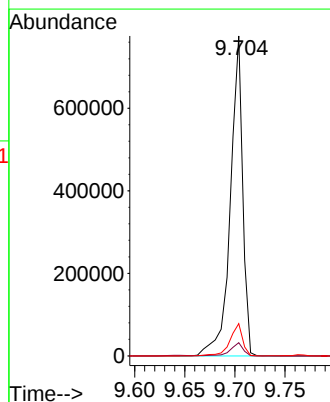
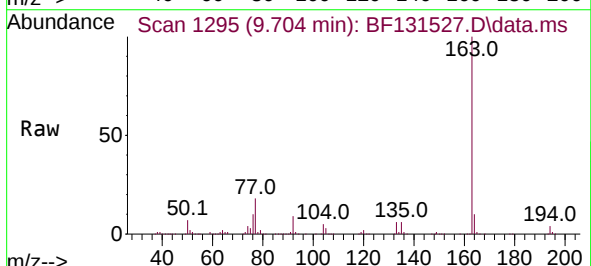
Tgt Ion:163 Resp: 666280

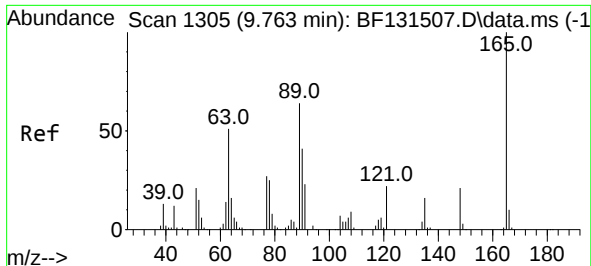
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.190 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

Tgt Ion:165 Resp: 148243

Ion Ratio Lower Upper

165 100

63 58.7 50.1 75.1

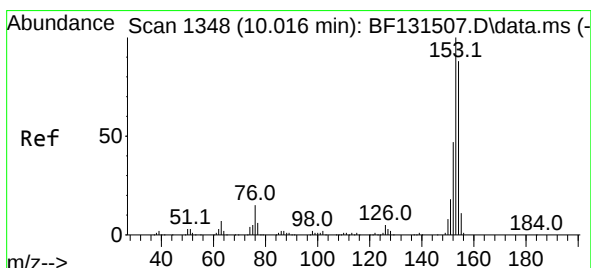
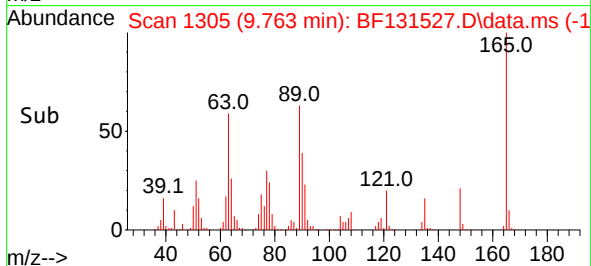
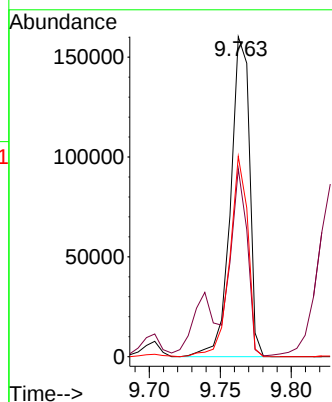
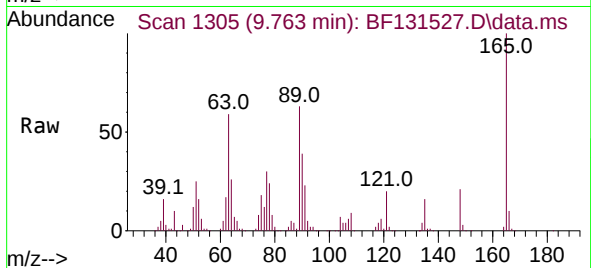
89 62.6 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#52

Acenaphthene

Concen: 42.268 ng m

RT: 10.016 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

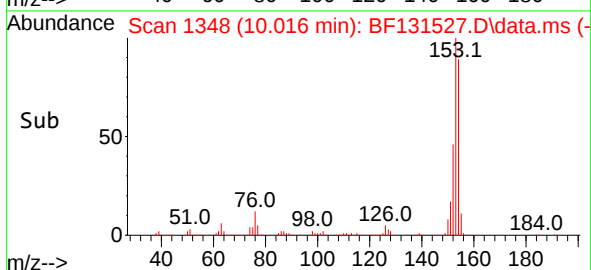
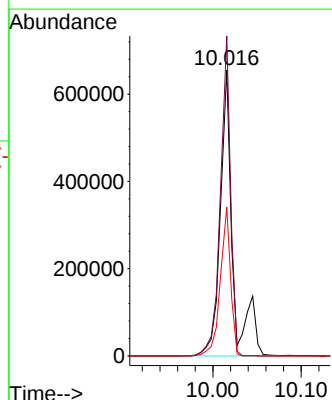
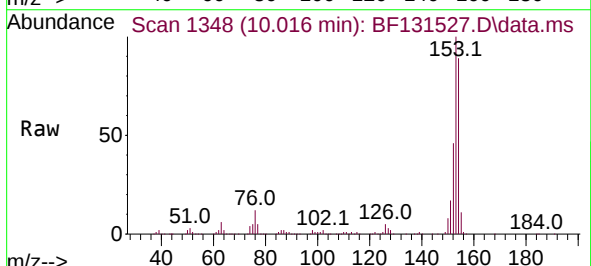
Tgt Ion:154 Resp: 646258

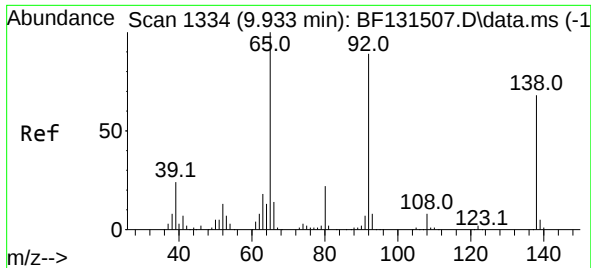
Ion Ratio Lower Upper

154 100

153 112.0 90.9 136.3

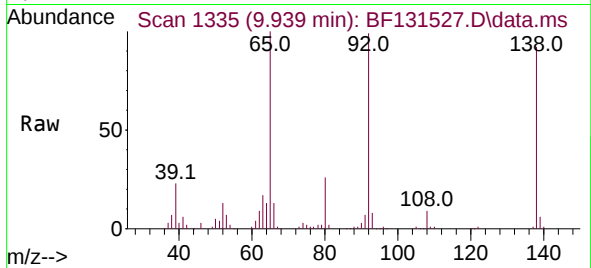
152 52.0 43.1 64.7





#53
3-Nitroaniline
Concen: 27.793 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

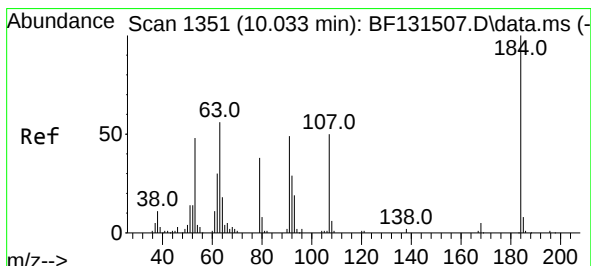
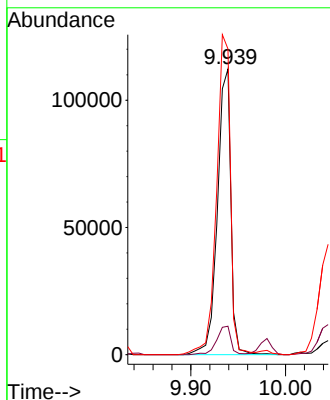
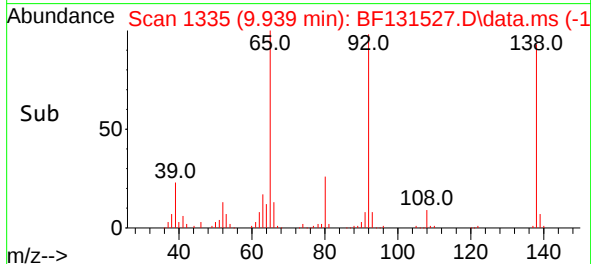
Instrument :
BNA_F
ClientSampleId :
PB149432BS



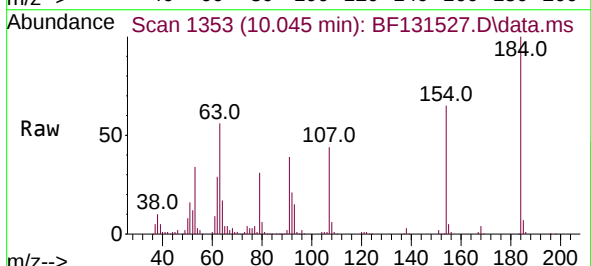
Tgt Ion:138 Resp: 110044
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.2
92 107.1 104.8 157.2

Manual Integrations
APPROVED

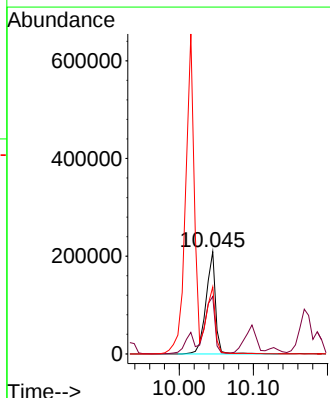
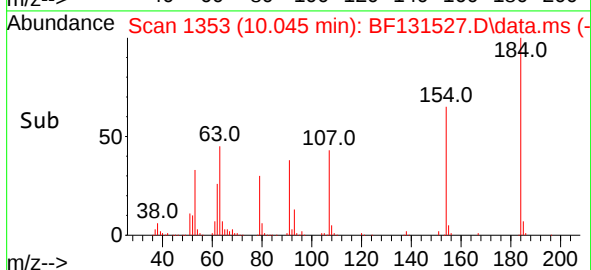
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

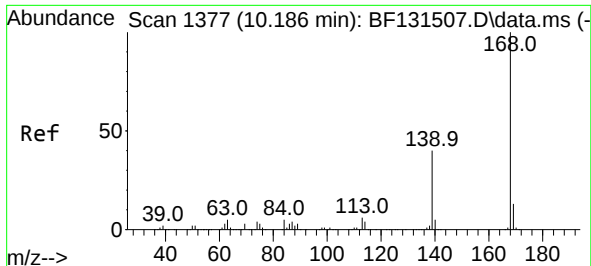


#54
2,4-Dinitrophenol
Concen: 98.012 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



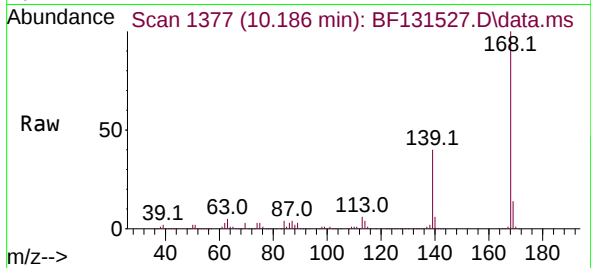
Tgt Ion:184 Resp: 186024
Ion Ratio Lower Upper
184 100
63 56.2 61.2 91.8#
154 65.5 53.1 79.7





#55
Dibenzofuran
Concen: 37.447 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

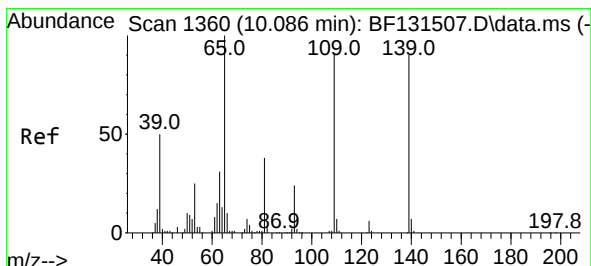
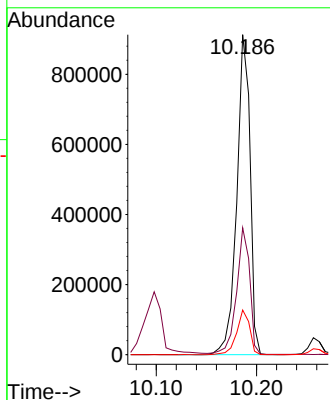
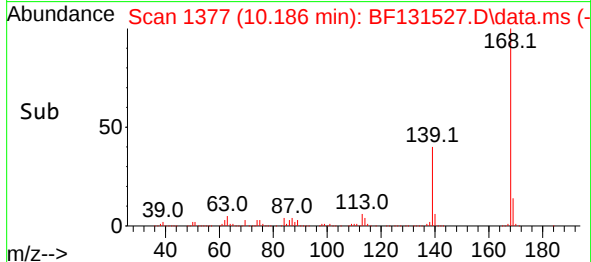
Instrument :
BNA_F
ClientSampleId :
PB149432BS



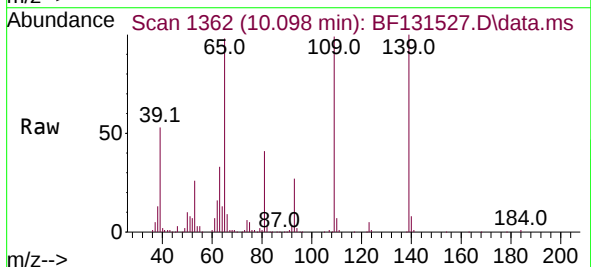
Tgt Ion:168 Resp: 83584
Ion Ratio Lower Upper
168 100
139 39.6 31.8 47.8
169 13.9 10.6 15.8

Manual Integrations
APPROVED

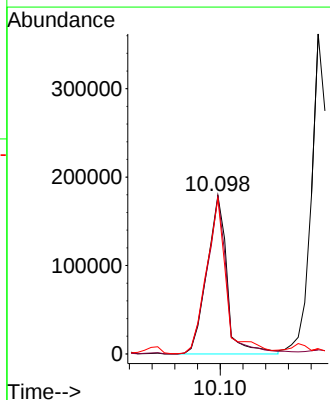
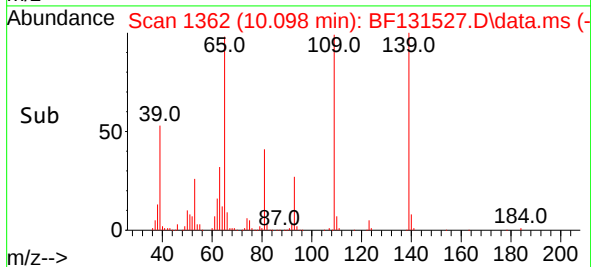
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

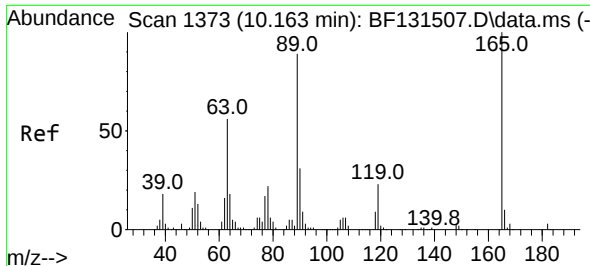


#56
4-Nitrophenol
Concen: 79.679 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:139 Resp: 220151
Ion Ratio Lower Upper
139 100
109 99.3 81.1 121.1
65 98.1 91.5 131.5





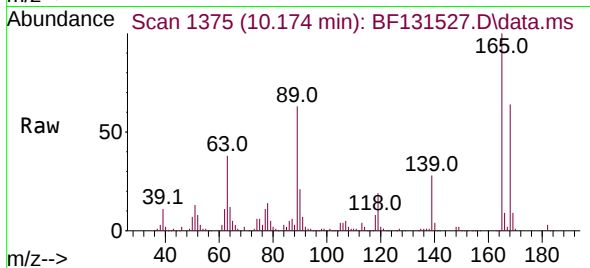
#57
2,4-Dinitrotoluene
Concen: 41.161 ng
RT: 10.174 min Scan# 1375
Delta R.T. 0.012 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

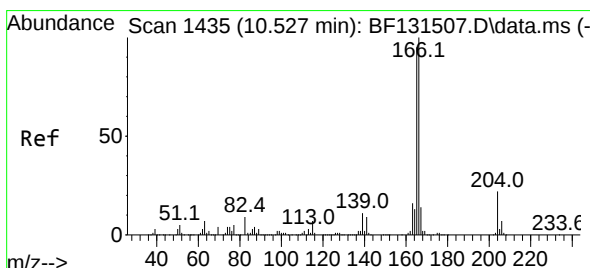
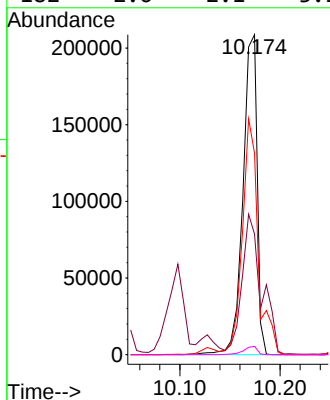
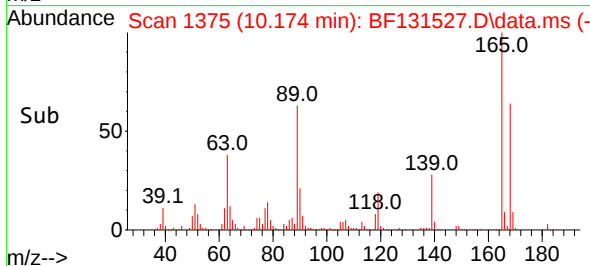


Tgt Ion:165 Resp: 204293
Ion Ratio Lower Upper
165 100
63 37.7 45.3 67.9
89 63.0 71.0 106.4
182 2.6 2.1 3.1

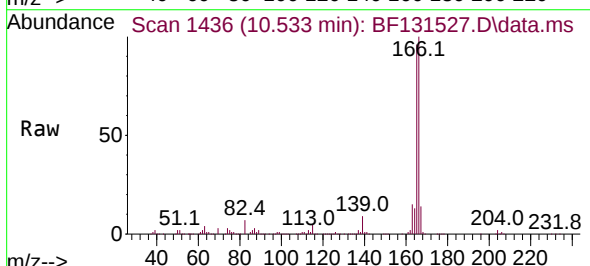
Manual Integrations

APPROVED

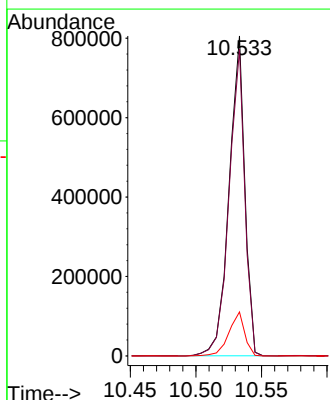
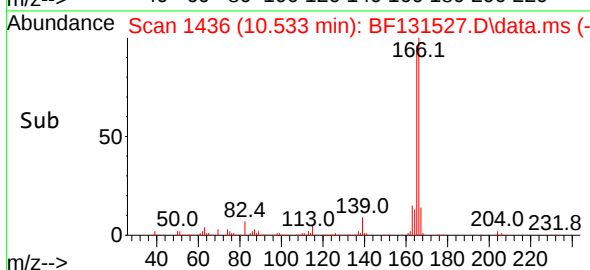
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

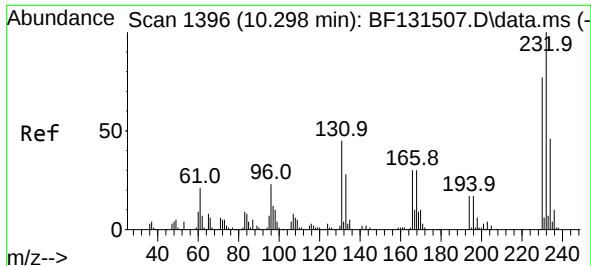


#58
Fluorene
Concen: 36.527 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



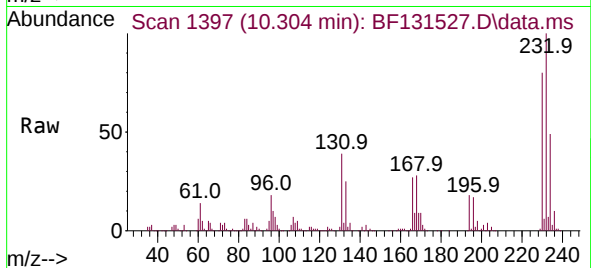
Tgt Ion:166 Resp: 672792
Ion Ratio Lower Upper
166 100
165 95.8 75.7 113.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.514 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

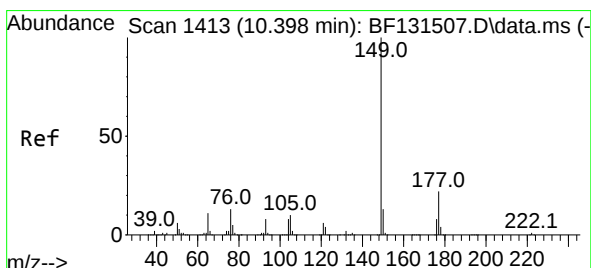
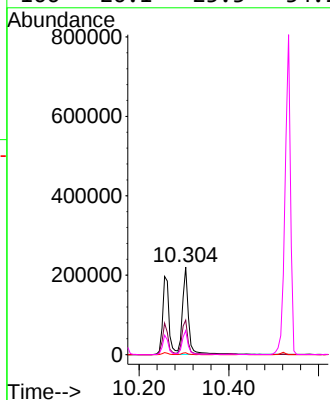
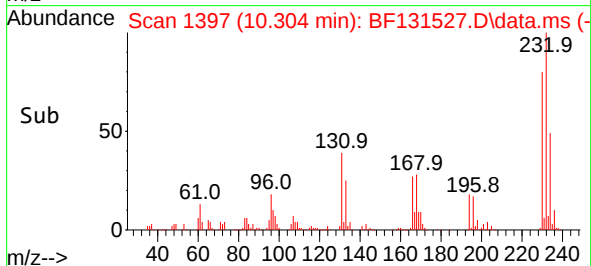
Instrument :
BNA_F
ClientSampleId :
PB149432BS



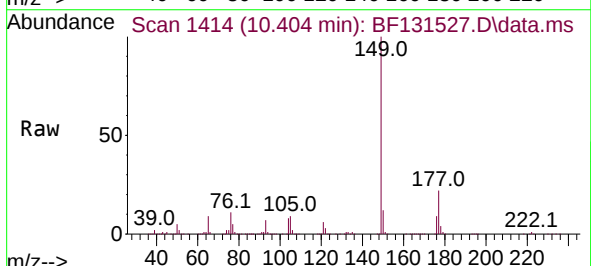
Tgt Ion:232 Resp: 205445
Ion Ratio Lower Upper
232 100
131 38.4 34.8 52.2
130 2.1 1.8 2.6
166 26.1 23.3 34.9

Manual Integrations
APPROVED

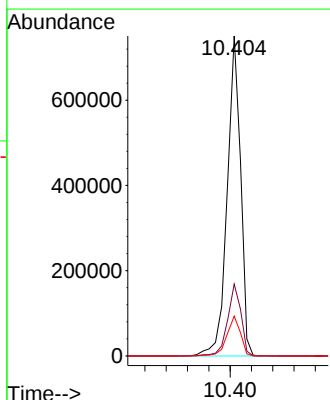
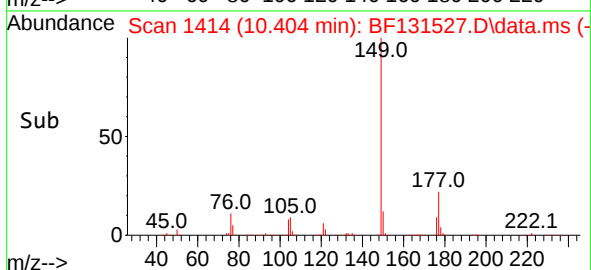
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

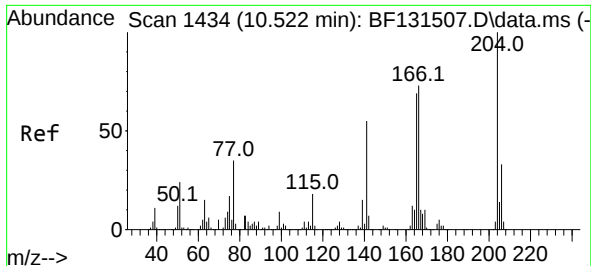


#60
Diethylphthalate
Concen: 37.466 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



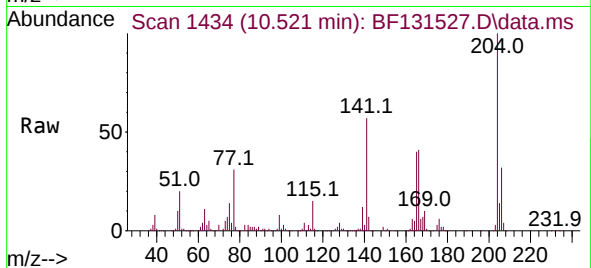
Tgt Ion:149 Resp: 653954
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.525 ng
RT: 10.521 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

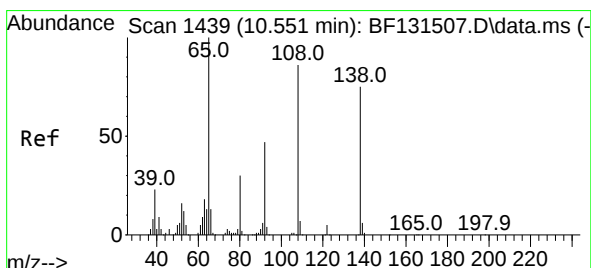
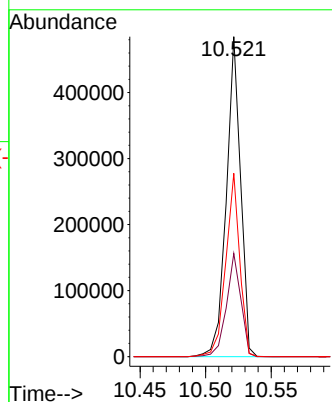
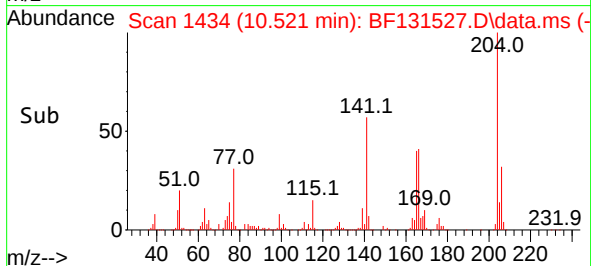
Instrument :
BNA_F
ClientSampleId :
PB149432BS



Tgt Ion:204 Resp: 367062
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 57.3 44.4 66.6

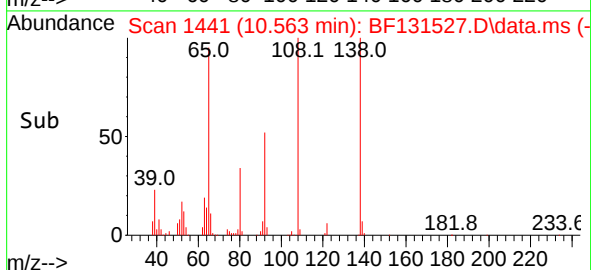
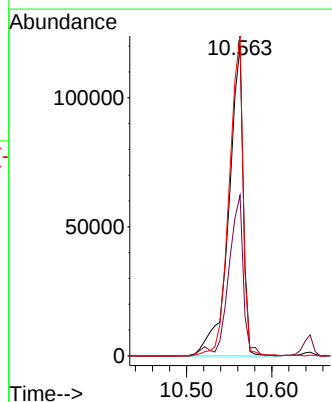
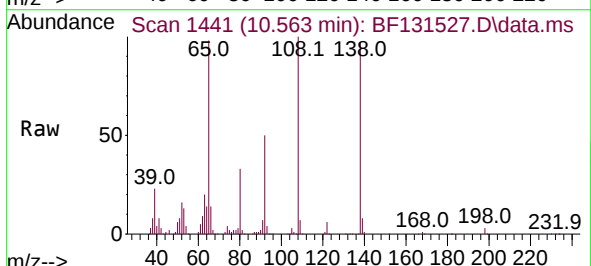
Manual Integrations
APPROVED

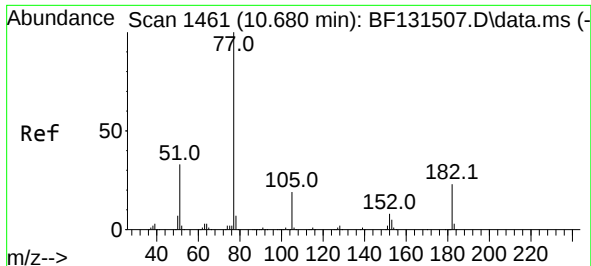
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#62
4-Nitroaniline
Concen: 35.777 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.012 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Tgt Ion:138 Resp: 141236
Ion Ratio Lower Upper
138 100
92 51.9 42.7 82.7
108 103.4 95.0 135.0





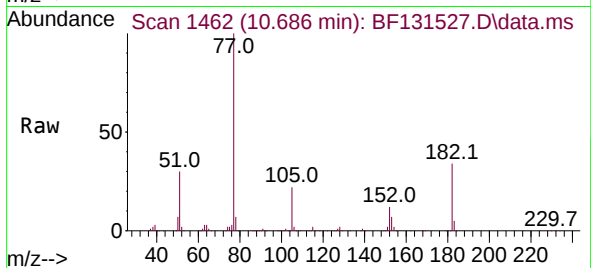
#63
Azobenzene
Concen: 31.576 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

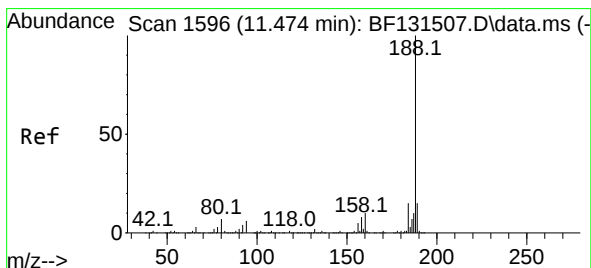
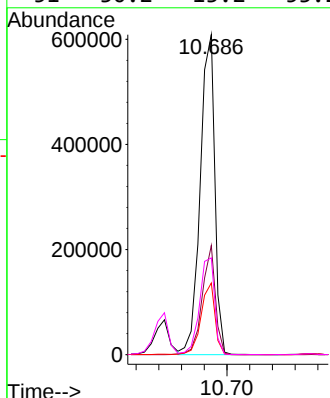
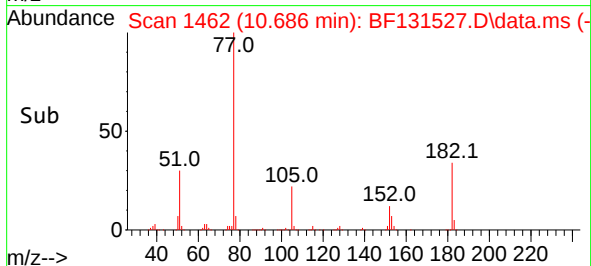


Tgt Ion: 77 Resp: 543475
Ion Ratio Lower Upper
77 100
182 34.1 2.6 42.6
105 22.4 0.0 39.1
51 30.2 13.2 53.2

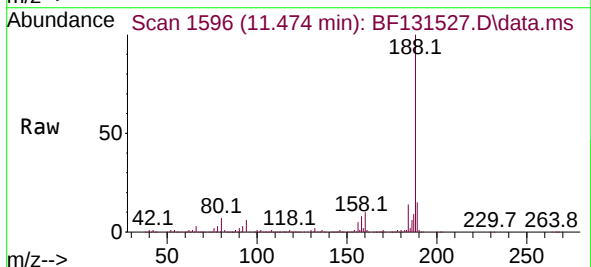
Manual Integrations

APPROVED

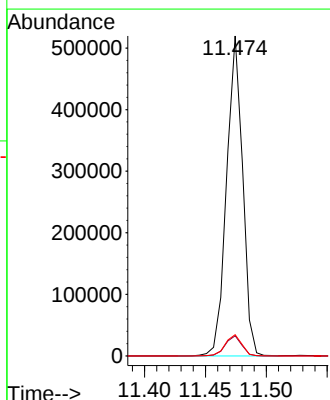
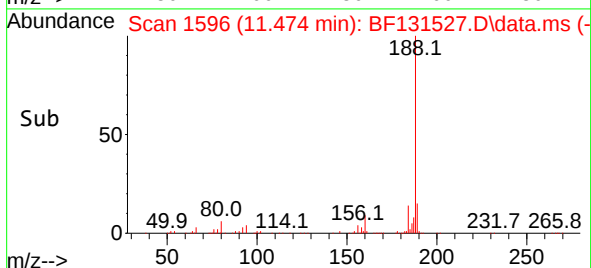
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

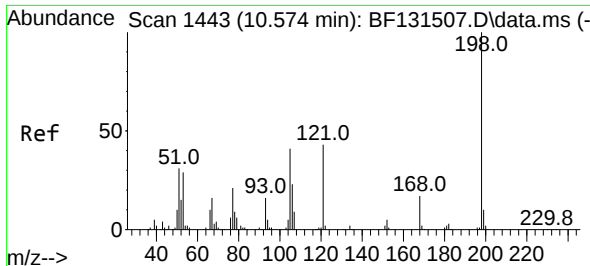


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



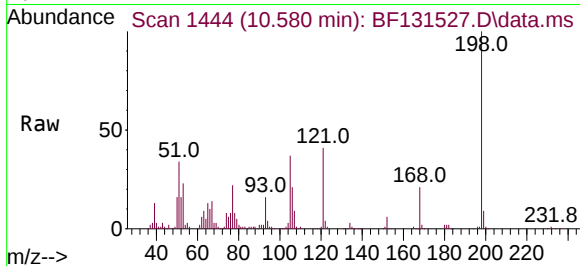
Tgt Ion:188 Resp: 475500
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.6 5.9 8.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.358 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

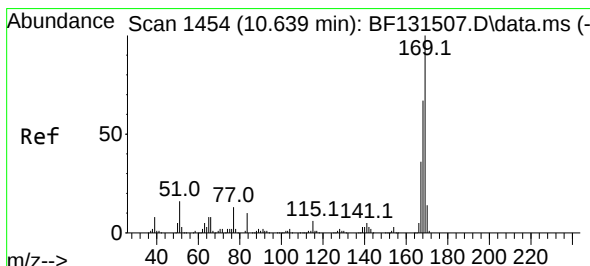
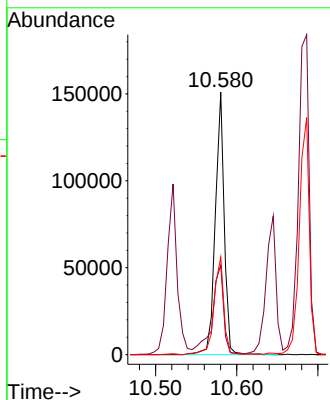
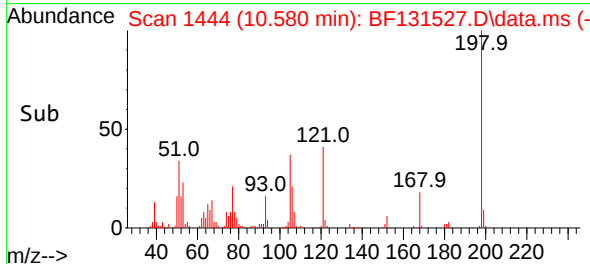
Instrument :
BNA_F
ClientSampleId :
PB149432BS



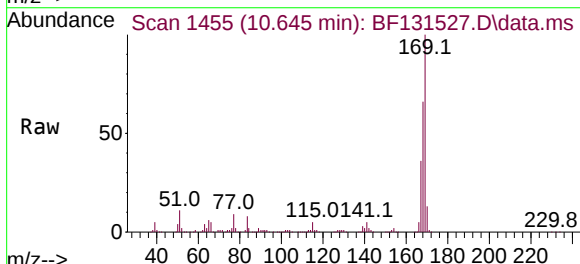
Tgt Ion:198 Resp: 115735
Ion Ratio Lower Upper
198 100
51 34.1 19.7 59.7
105 37.1 21.9 61.9

Manual Integrations
APPROVED

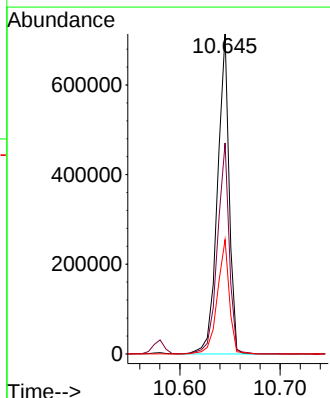
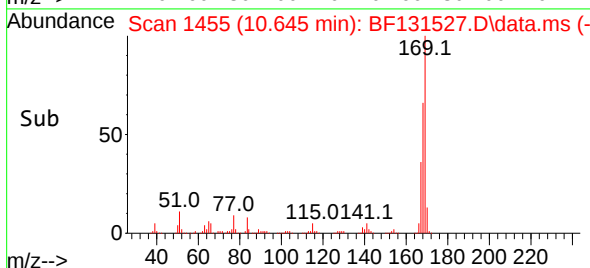
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

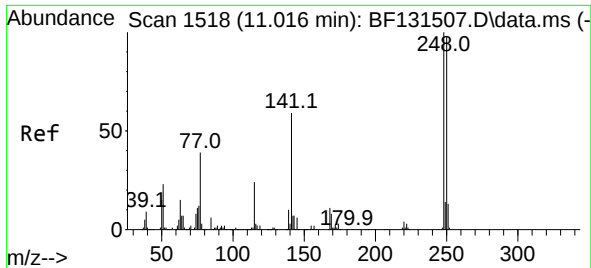


#66
n-Nitrosodiphenylamine
Concen: 38.802 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



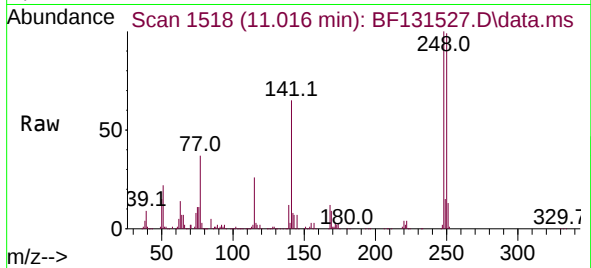
Tgt Ion:169 Resp: 579058
Ion Ratio Lower Upper
169 100
168 65.9 53.7 80.5
167 35.8 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 39.118 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

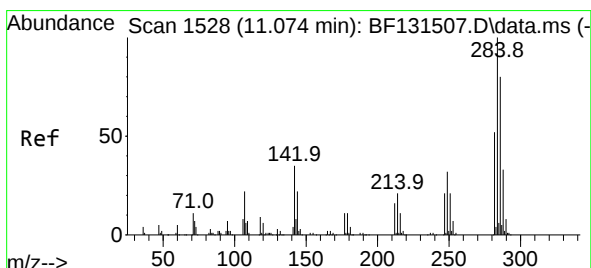
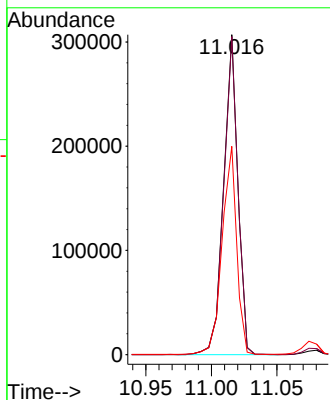
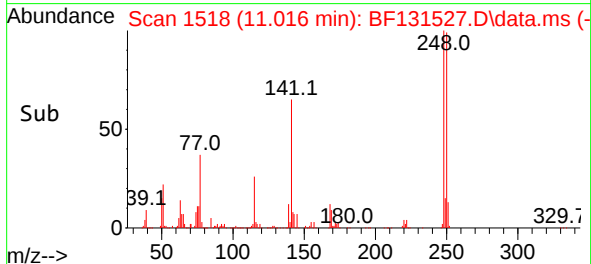
Instrument :
BNA_F
ClientSampleId :
PB149432BS



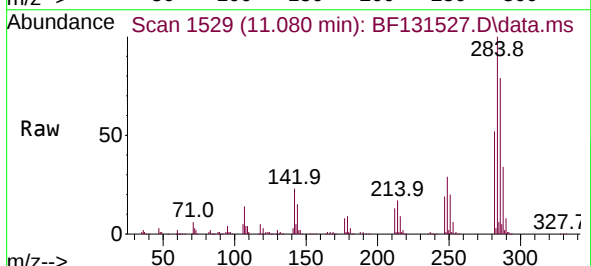
Tgt Ion:248 Resp: 232723
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 65.1 47.1 70.7

Manual Integrations
APPROVED

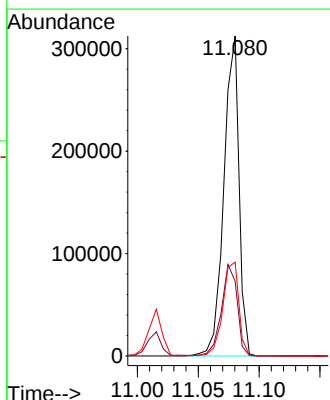
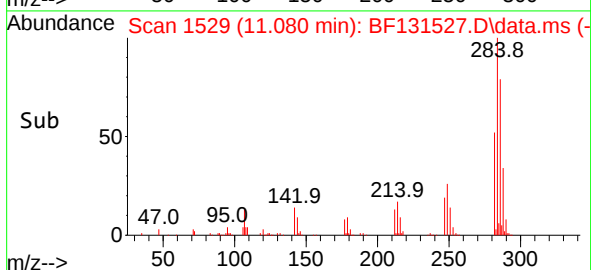
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

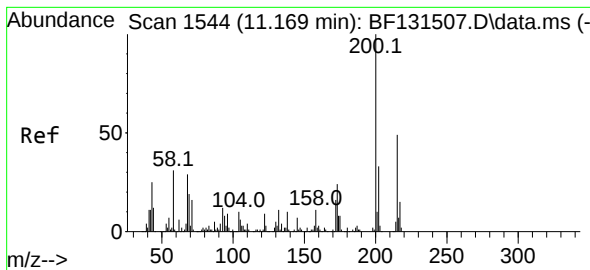


#68
Hexachlorobenzene
Concen: 41.005 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:284 Resp: 270354
Ion Ratio Lower Upper
284 100
142 23.3 28.2 42.4#
249 29.3 25.8 38.8





#69

Atrazine

Concen: 45.062 ng

RT: 11.174 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

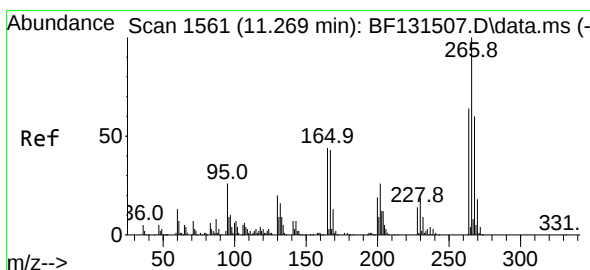
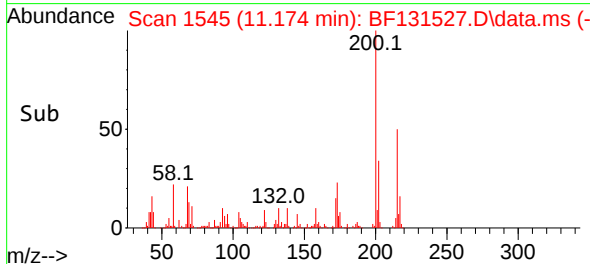
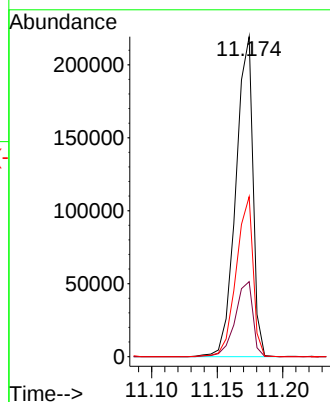
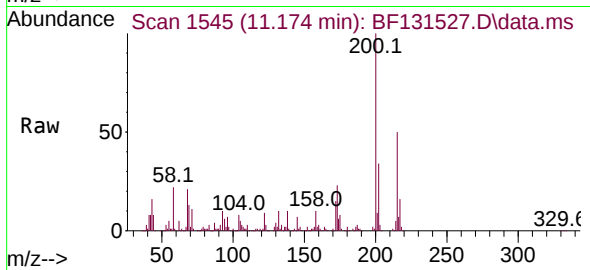
PB149432BS

Tgt Ion:200 Resp: 198848
 Ion Ratio Lower Upper
 200 100
 173 23.4 4.4 44.4
 215 50.0 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022



#70

Pentachlorophenol

Concen: 85.569 ng

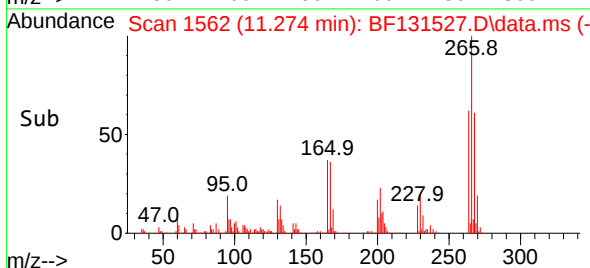
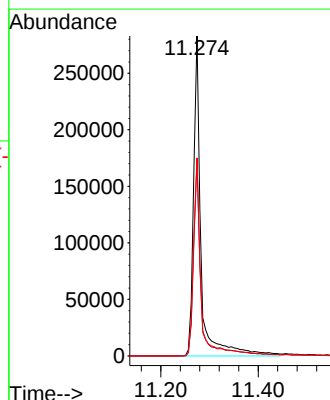
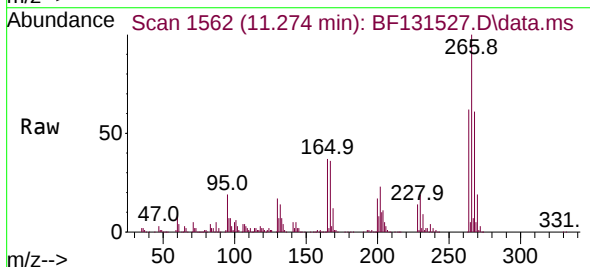
RT: 11.274 min Scan# 1562

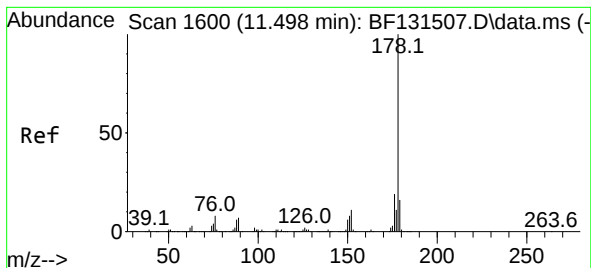
Delta R.T. 0.005 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Tgt Ion:266 Resp: 302081
 Ion Ratio Lower Upper
 266 100
 268 61.3 48.0 72.0
 264 61.9 51.4 77.0





#71

Phenanthrene

Concen: 37.025 ng

RT: 11.504 min Scan# 1601

Delta R.T. 0.006 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

Tgt Ion:178 Resp: 978284

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

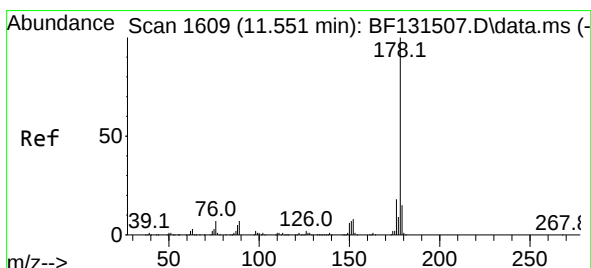
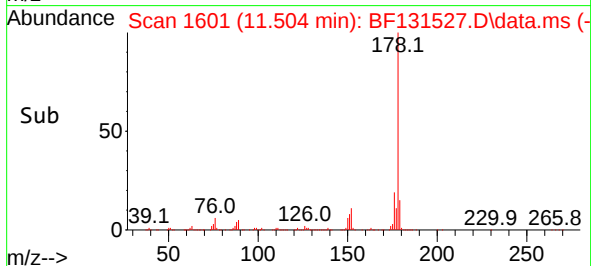
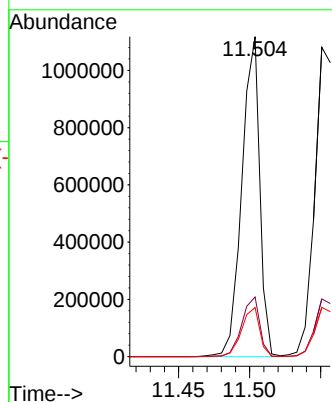
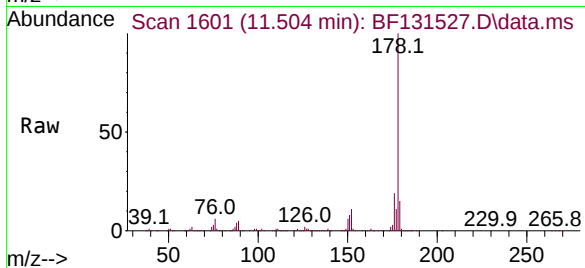
179 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#72

Anthracene

Concen: 38.354 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF131527.D

Acq: 06 Dec 2022 14:48

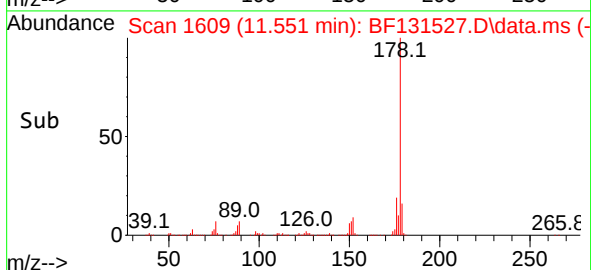
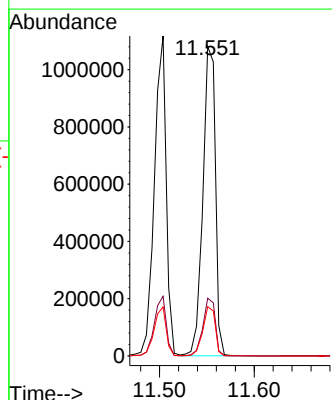
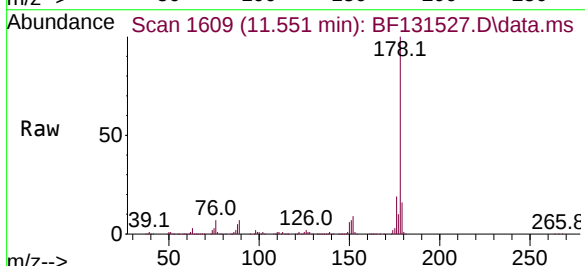
Tgt Ion:178 Resp: 996305

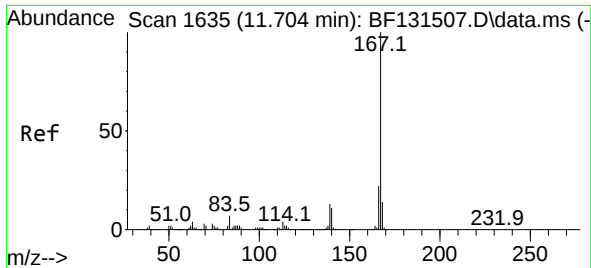
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

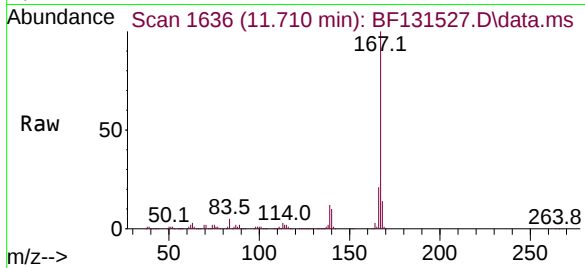
179 15.9 12.3 18.5





#73
 Carbazole
 Concen: 39.239 ng
 RT: 11.710 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: BF131527.D
 Acq: 06 Dec 2022 14:48

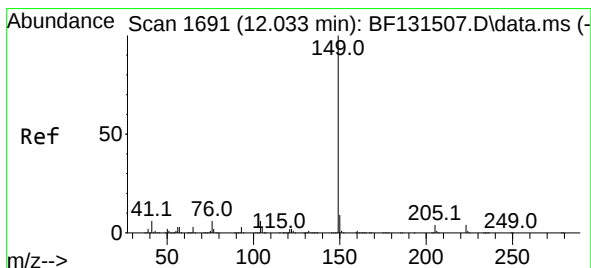
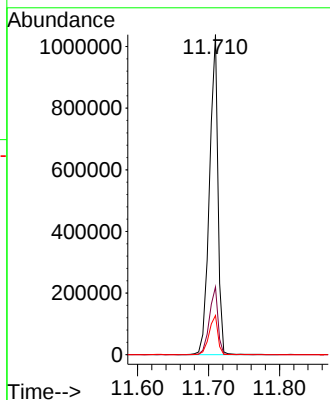
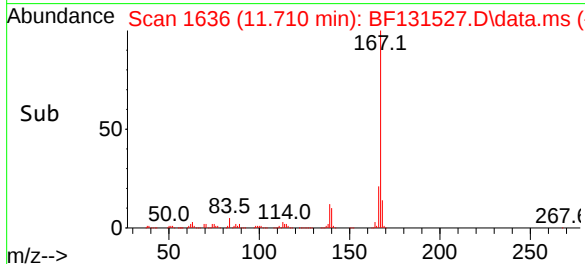
Instrument :
 BNA_F
 ClientSampleId :
 PB149432BS



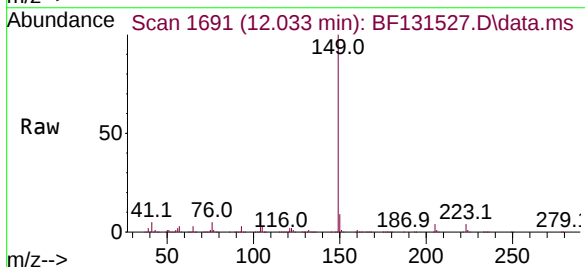
Tgt Ion:167 Resp: 858081
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 12.2 10.6 15.8

Manual Integrations
 APPROVED

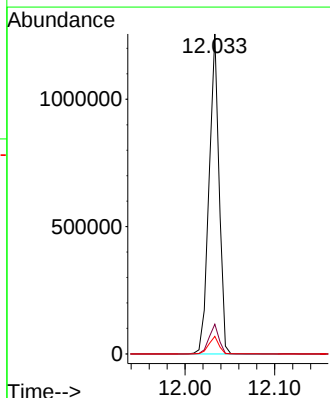
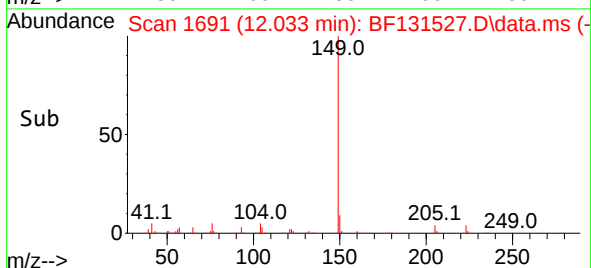
Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022

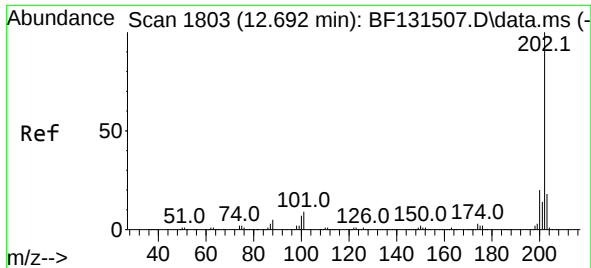


#74
 Di-n-butylphthalate
 Concen: 39.845 ng
 RT: 12.033 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BF131527.D
 Acq: 06 Dec 2022 14:48



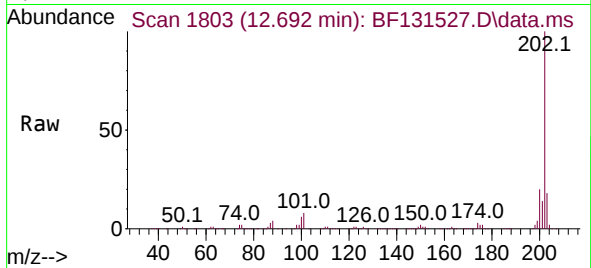
Tgt Ion:149 Resp: 972836
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.5 4.7 7.1





#75
Fluoranthene
Concen: 37.135 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

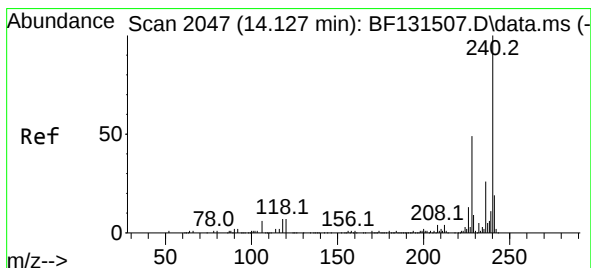
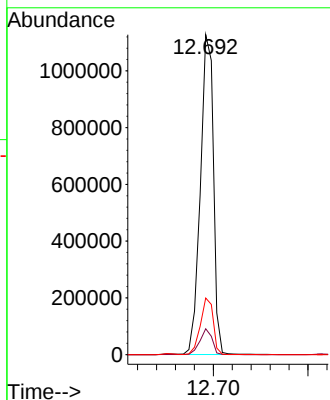
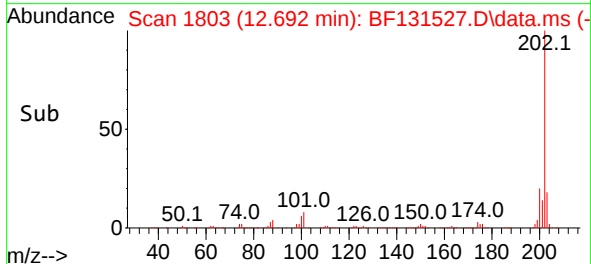
Instrument :
BNA_F
ClientSampleId :
PB149432BS



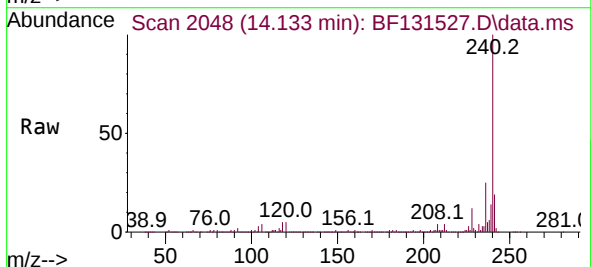
Tgt Ion:202 Resp: 1079866
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.5
203 17.7 0.0 37.6

Manual Integrations
APPROVED

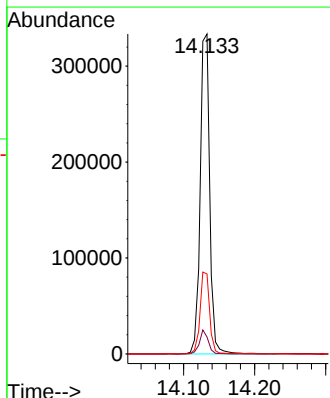
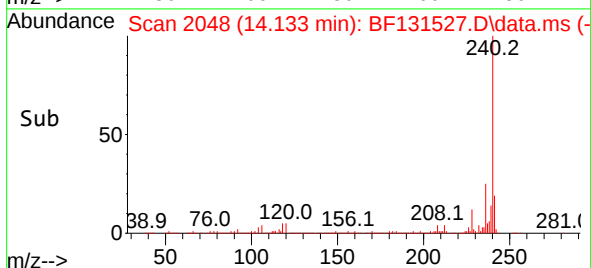
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

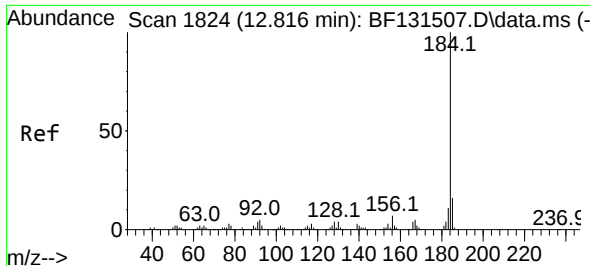


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



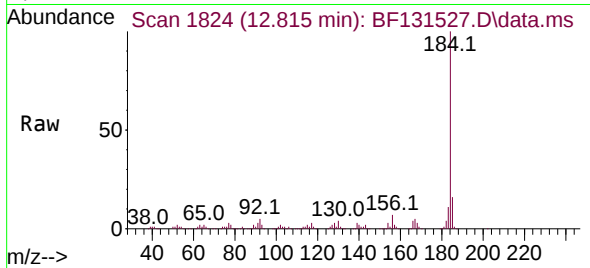
Tgt Ion:240 Resp: 308890
Ion Ratio Lower Upper
240 100
120 5.3 5.6 8.4#
236 25.0 20.6 31.0





#77
Benzidine
Concen: 68.600 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.001 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

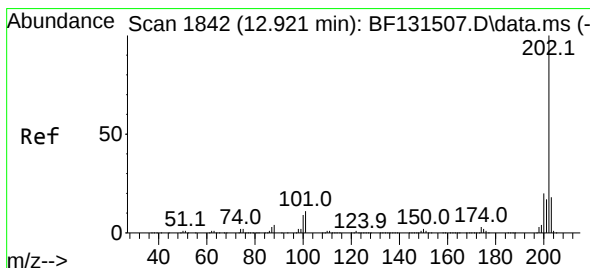
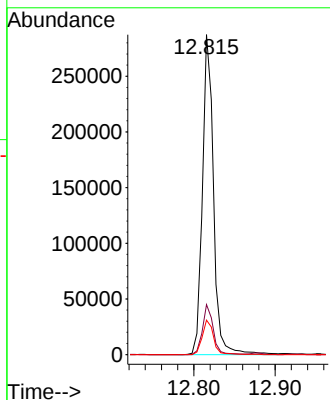
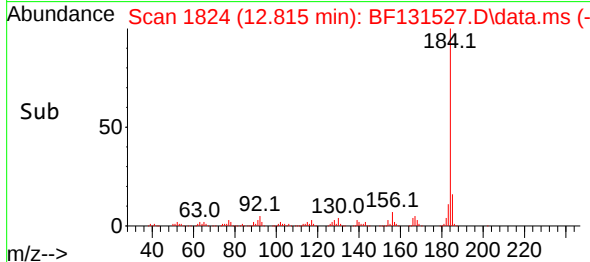
Instrument :
BNA_F
ClientSampleId :
PB149432BS



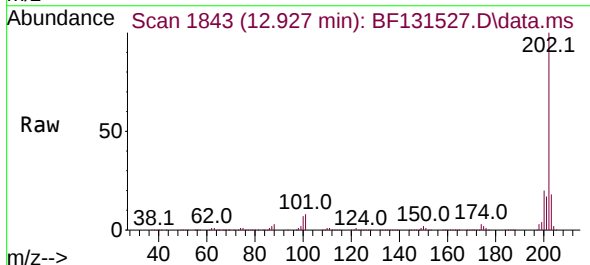
Tgt Ion:184 Resp: 273060
Ion Ratio Lower Upper
184 100
185 15.7 12.6 19.0
183 10.8 9.0 13.4

Manual Integrations
APPROVED

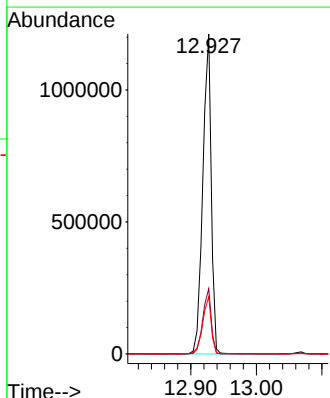
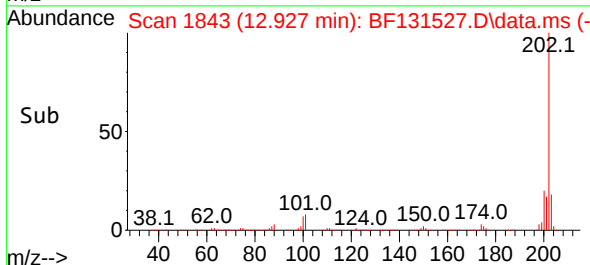
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

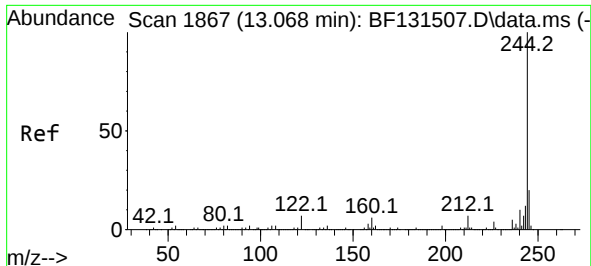


#78
Pyrene
Concen: 38.719 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:202 Resp: 1071218
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.9 14.2 21.4





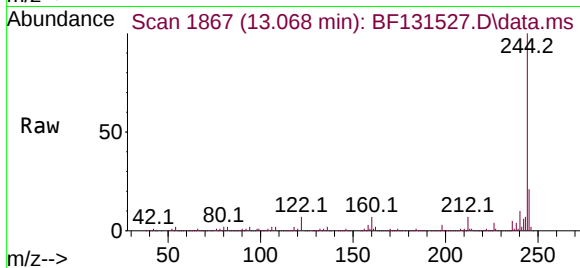
#79
 Terphenyl-d14
 Concen: 83.846 ng
 RT: 13.068 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: BF131527.D
 Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

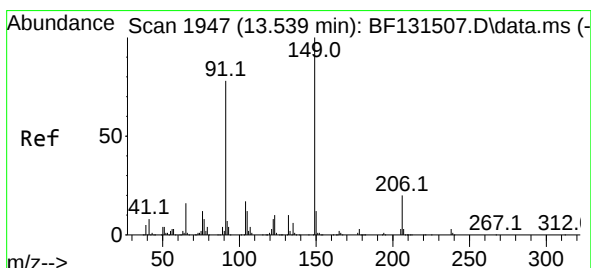
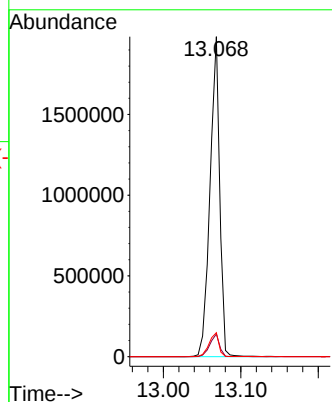
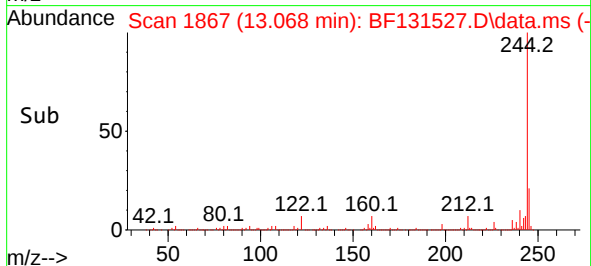


Tgt Ion:244 Resp: 1714990
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 7.5 5.4 8.2

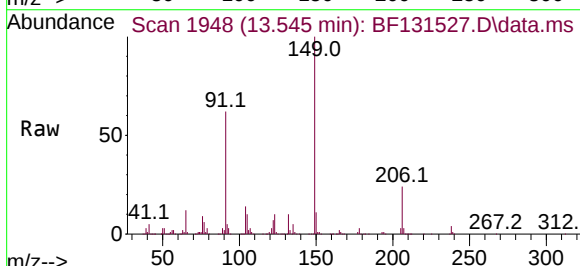
Manual Integrations

APPROVED

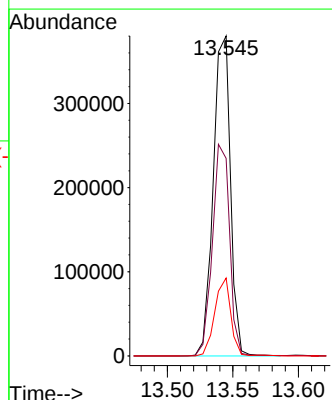
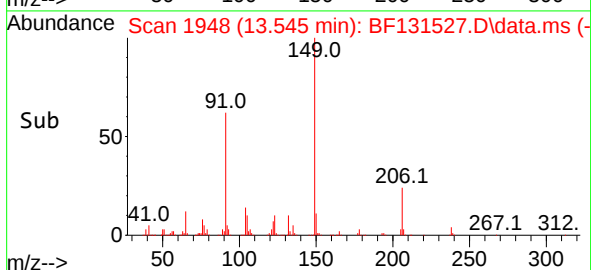
Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022

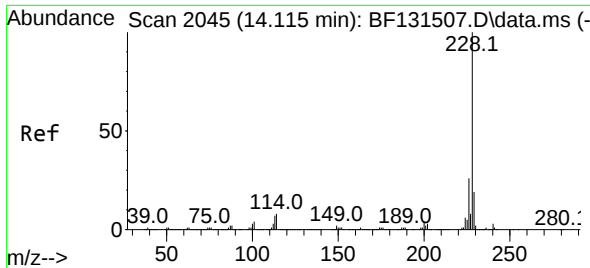


#80
 Butylbenzylphthalate
 Concen: 46.590 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. 0.006 min
 Lab File: BF131527.D
 Acq: 06 Dec 2022 14:48



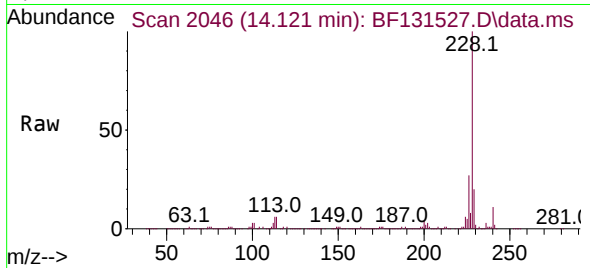
Tgt Ion:149 Resp: 347686
 Ion Ratio Lower Upper
 149 100
 91 61.7 62.5 93.7#
 206 24.3 16.1 24.1#





#81
Benzo(a)anthracene
Concen: 38.159 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

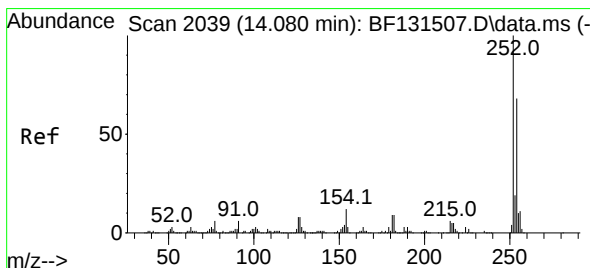
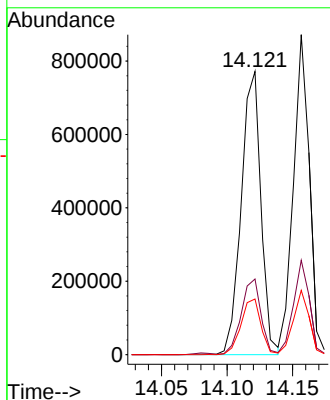
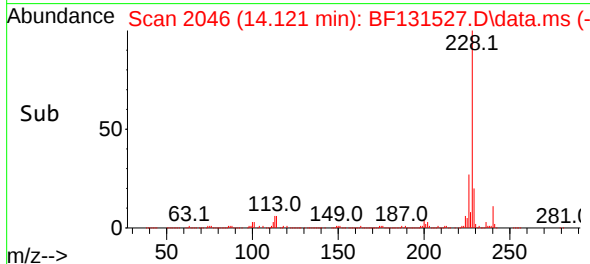
Instrument :
BNA_F
ClientSampleId :
PB149432BS



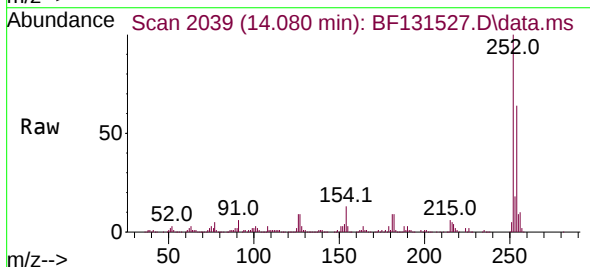
Tgt Ion:228 Resp: 804939
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.6 15.5 23.3

Manual Integrations
APPROVED

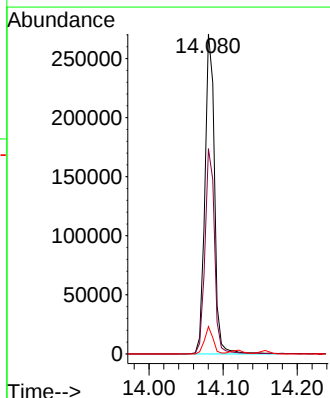
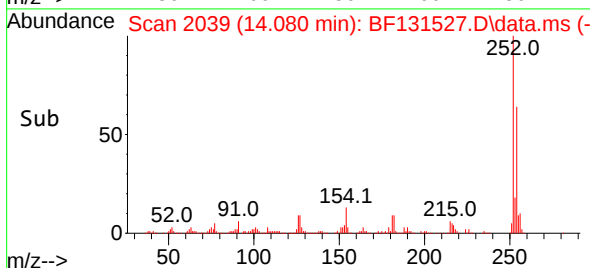
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

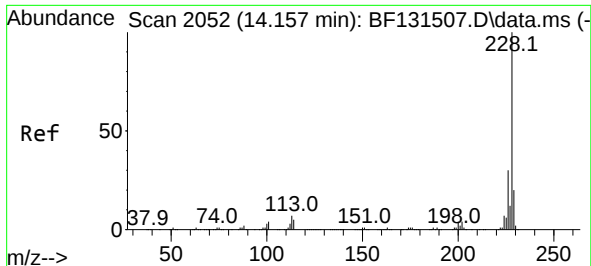


#82
3,3'-Dichlorobenzidine
Concen: 42.451 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



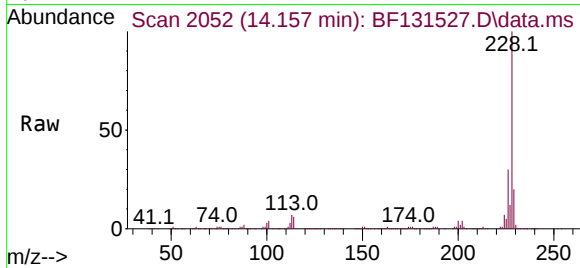
Tgt Ion:252 Resp: 242502
Ion Ratio Lower Upper
252 100
254 64.1 54.3 81.5
126 8.5 6.3 9.5





#83
Chrysene
Concen: 36.943 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

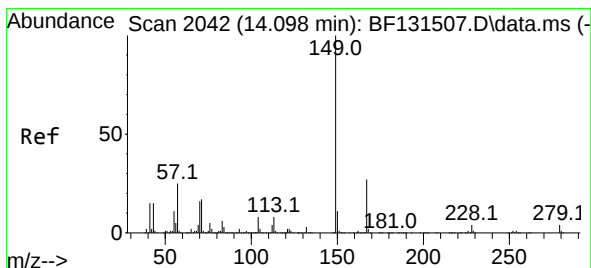
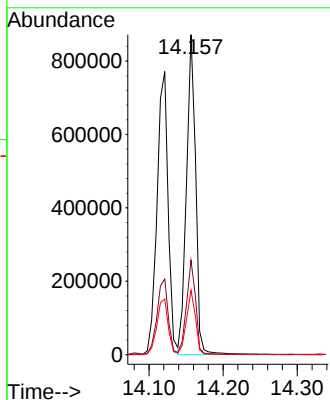
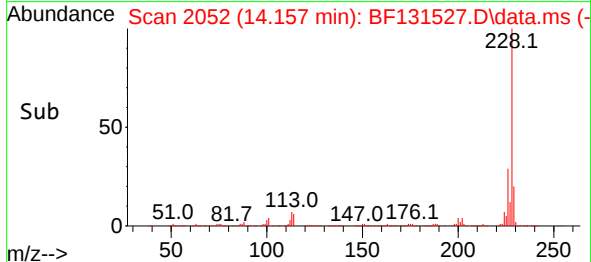
Instrument :
BNA_F
ClientSampleId :
PB149432BS



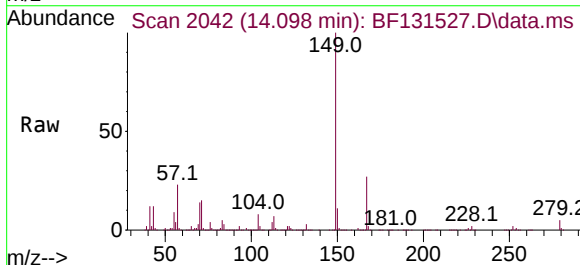
Tgt Ion:228 Resp: 749172
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 20.1 15.9 23.9

Manual Integrations
APPROVED

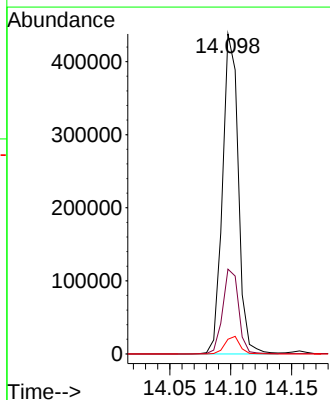
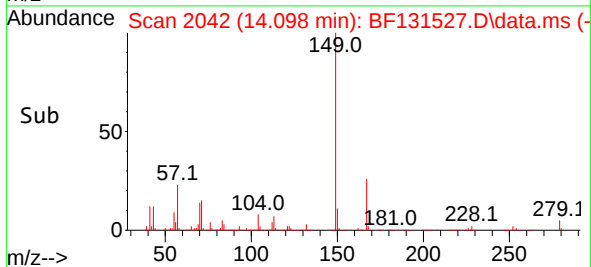
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

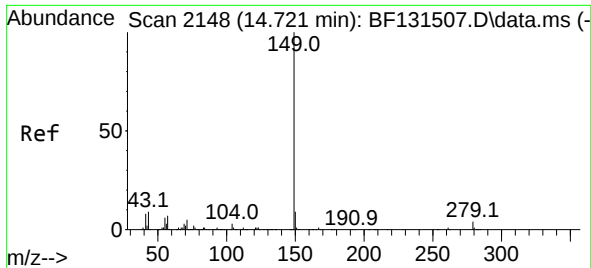


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.428 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



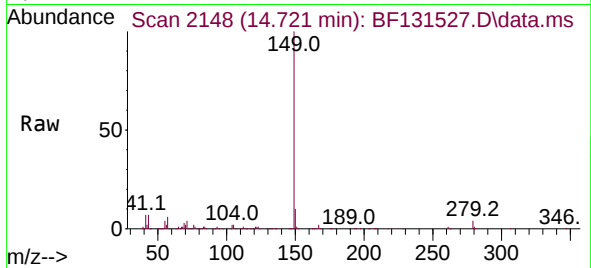
Tgt Ion:149 Resp: 395543
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 44.667 ng
RT: 14.721 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

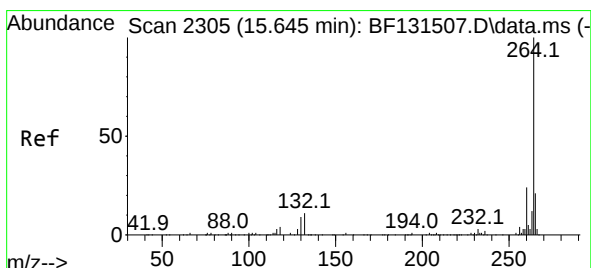
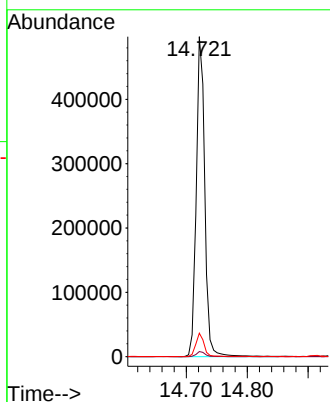
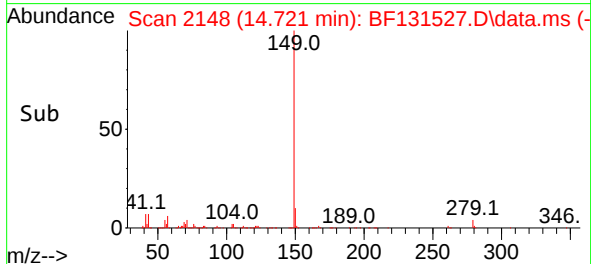
Instrument :
BNA_F
ClientSampleId :
PB149432BS



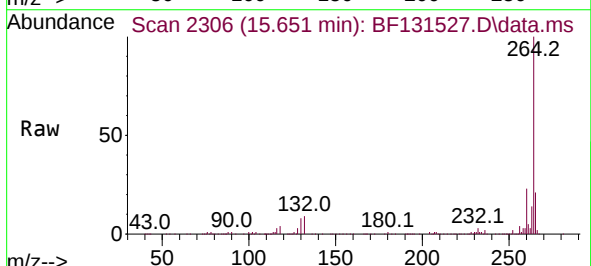
Tgt Ion:149 Resp: 483458
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.1 7.4 11.0

Manual Integrations
APPROVED

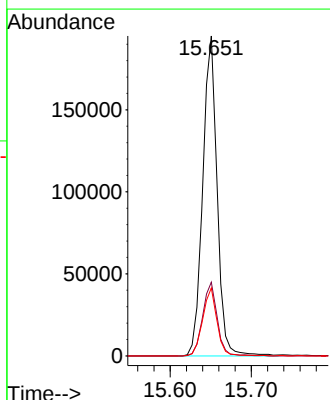
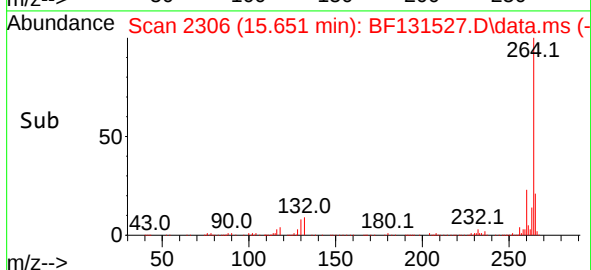
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

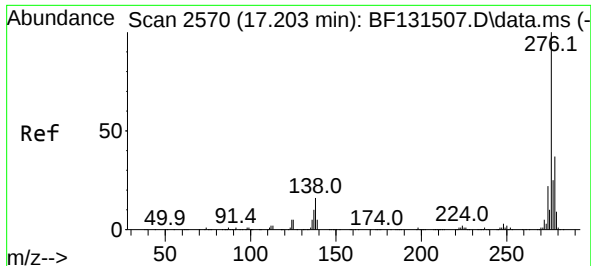


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:264 Resp: 240784
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.2 17.0 25.4





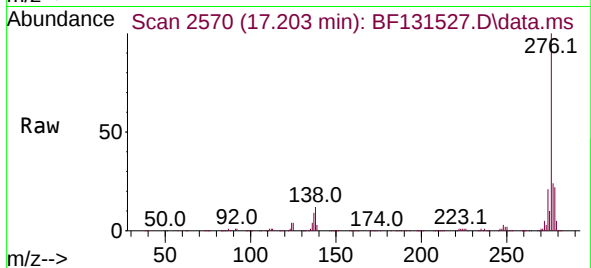
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.889 ng
RT: 17.203 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

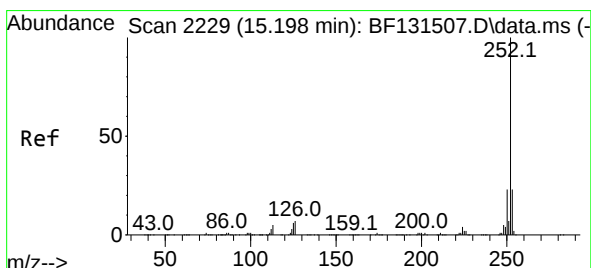
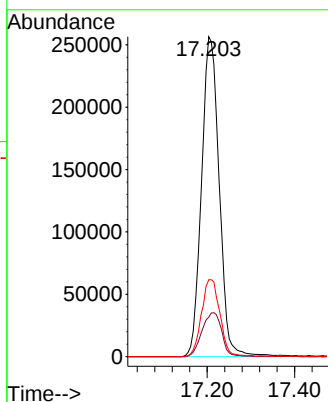
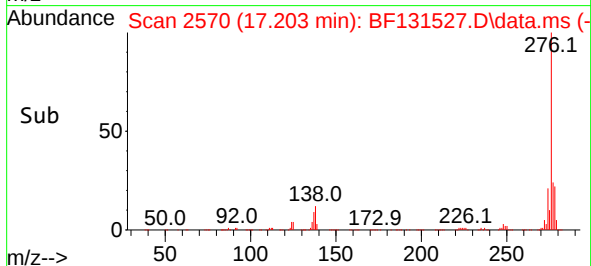


Tgt Ion:276 Resp: 717692
Ion Ratio Lower Upper
276 100
138 15.3 13.2 19.8
277 25.1 19.6 29.4

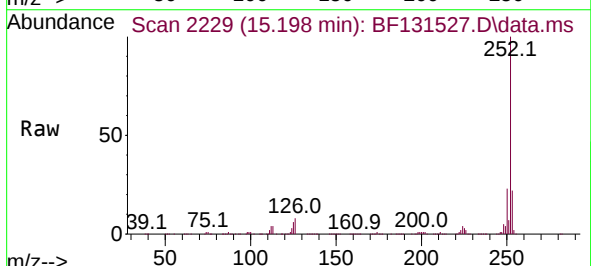
Manual Integrations

APPROVED

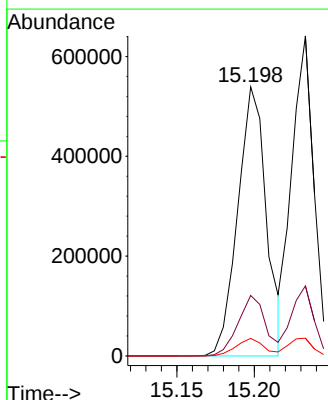
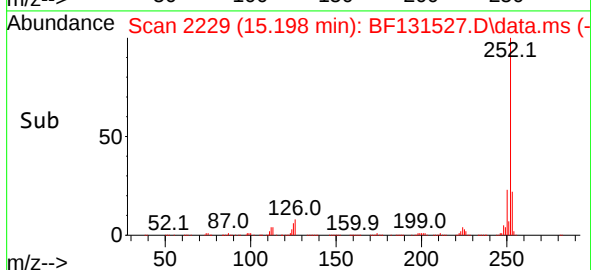
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

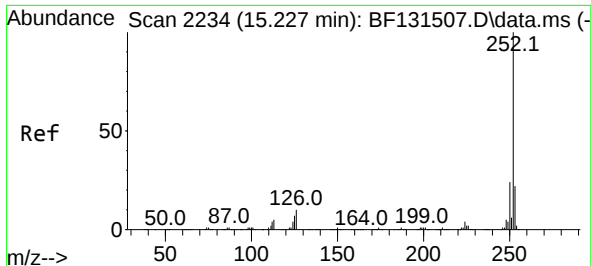


#88
Benzo(b)fluoranthene
Concen: 44.292 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



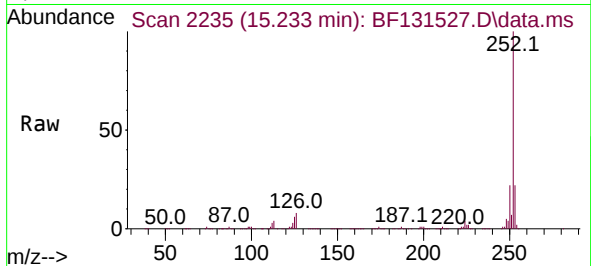
Tgt Ion:252 Resp: 692772
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 6.5 5.0 7.6





#89
Benzo(k)fluoranthene
Concen: 38.629 ng
RT: 15.233 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

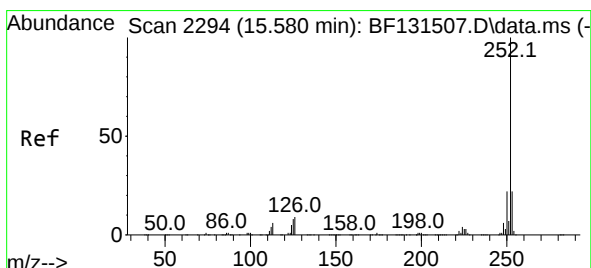
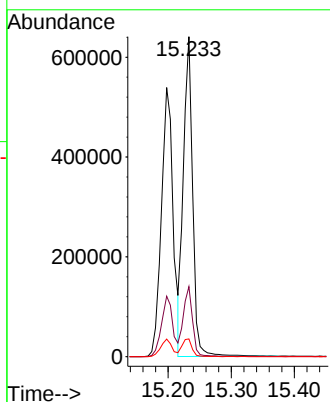
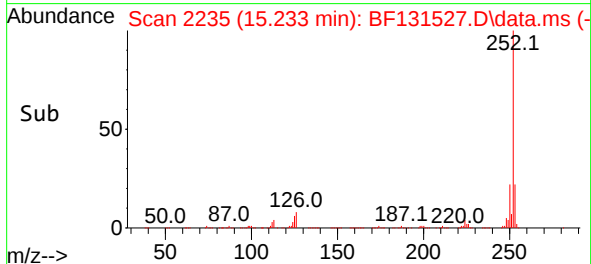
Instrument :
BNA_F
ClientSampleId :
PB149432BS



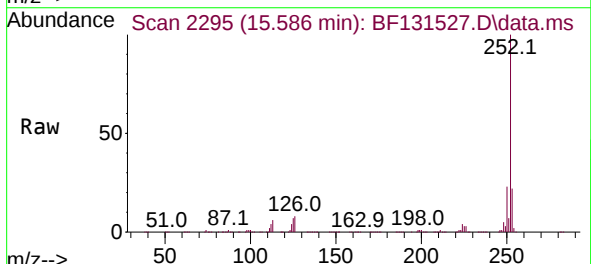
Tgt Ion:252 Resp: 655868
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 5.5 5.3 7.9

Manual Integrations
APPROVED

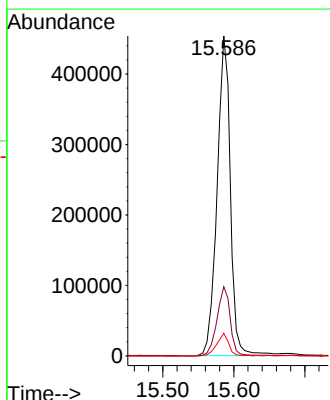
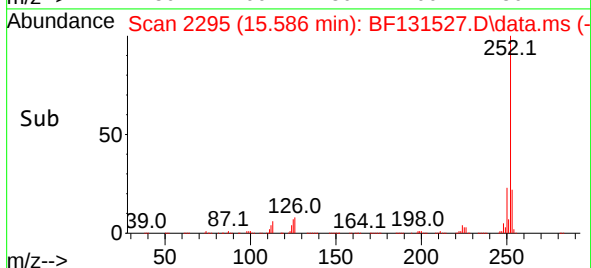
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

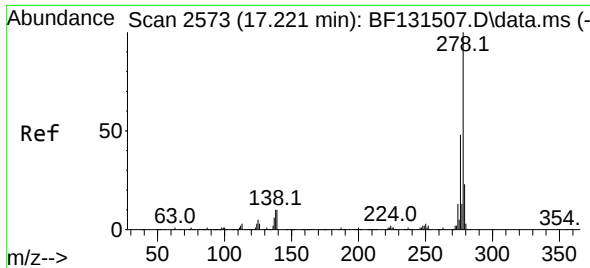


#90
Benzo(a)pyrene
Concen: 45.525 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:252 Resp: 590907
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 7.1 6.1 9.1





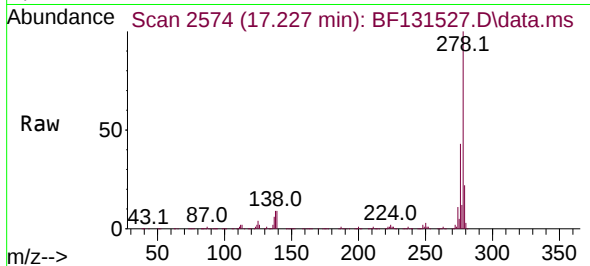
#91
Dibenzo(a,h)anthracene
Concen: 40.882 ng
RT: 17.227 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PB149432BS

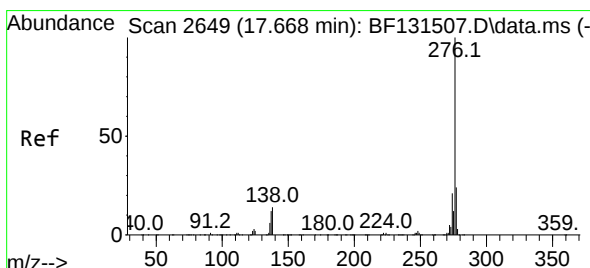
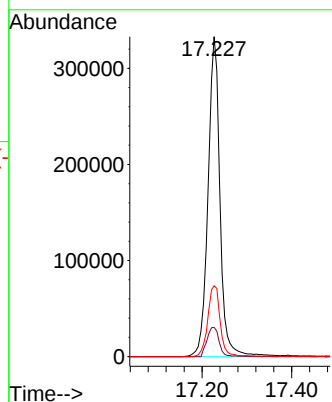
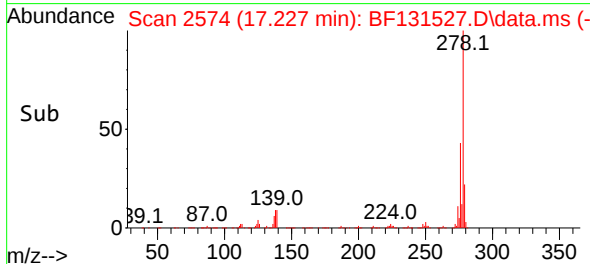


Tgt Ion:278 Resp: 615923
Ion Ratio Lower Upper
278 100
139 9.1 8.4 12.6
279 22.1 18.8 28.2

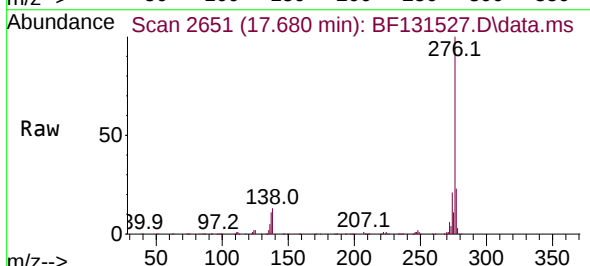
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#92
Benzo(g,h,i)perylene
Concen: 42.247 ng
RT: 17.680 min Scan# 2651
Delta R.T. 0.012 min
Lab File: BF131527.D
Acq: 06 Dec 2022 14:48



Tgt Ion:276 Resp: 594033
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 13.3 11.7 17.5

