

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
 Data File : BF131513.D
 Acq On : 05 Dec 2022 22:25
 Operator : CG\JU
 Sample : PB149409BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/06/2022
 Supervised By : Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 02:15:14 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	96349	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	367421	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	212212	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	413326	20.000	ng	0.00
76) Chrysene-d12	14.133	240	297888	20.000	ng	0.00
86) Perylene-d12	15.651	264	231068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	858410	152.144	ng	0.02
7) Phenol-d6	6.551	99	1032245	146.510	ng	0.00
23) Nitrobenzene-d5	7.492	82	648627	81.023	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	413328	171.057	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1406458	86.945	ng	0.00
79) Terphenyl-d14	13.069	244	1936806	98.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	94838	39.266	ng	94
3) Pyridine	3.557	79	242100	35.909	ng	98
4) n-Nitrosodimethylamine	3.534	42	138346	40.042	ng	90
6) Aniline	6.587	93	227830	26.194	ng	96
8) 2-Chlorophenol	6.704	128	307549	51.044	ng	91
9) Benzaldehyde	6.469	77	48214	10.721	ng	90
10) Phenol	6.563	94	373368m	46.846	ng	
11) bis(2-Chloroethyl)ether	6.657	93	285356	48.475	ng	95
12) 1,3-Dichlorobenzene	6.863	146	344539	48.992	ng	95
13) 1,4-Dichlorobenzene	6.940	146	347669	48.372	ng	97
14) 1,2-Dichlorobenzene	7.092	146	329268	49.169	ng	98
15) Benzyl Alcohol	7.069	79	264529	44.888	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	257008	44.540	ng	99
17) 2-Methylphenol	7.175	107	241601	48.007	ng	97
18) Hexachloroethane	7.439	117	127761	47.846	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	207561	43.529	ng	99
20) 3+4-Methylphenols	7.328	107	321733	47.273	ng	95
22) Acetophenone	7.340	105	457908	45.928	ng	98
24) Nitrobenzene	7.510	77	328274	40.641	ng	92
25) Isophorone	7.751	82	569823	45.759	ng	95
26) 2-Nitrophenol	7.828	139	154290	52.170	ng	93
27) 2,4-Dimethylphenol	7.863	122	268929	55.385	ng	96
28) bis(2-Chloroethoxy)met...	7.963	93	338701	49.062	ng	99
29) 2,4-Dichlorophenol	8.069	162	271275	48.234	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	318085	45.262	ng	98
31) Naphthalene	8.239	128	877793	43.214	ng	100
32) Benzoic acid	7.992	122	151488	51.734	ng	95
33) 4-Chloroaniline	8.281	127	71529	9.402	ng	98
34) Hexachlorobutadiene	8.345	225	222361	44.301	ng	99
35) Caprolactam	8.663	113	73139m	46.326	ng	
36) 4-Chloro-3-methylphenol	8.769	107	276766	46.034	ng	98
37) 2-Methylnaphthalene	8.934	142	609087	44.810	ng	97
38) 1-Methylnaphthalene	9.034	142	572618	43.841	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	366015	46.690	ng	99
41) Hexachlorocyclopentadiene	9.081	237	481536	136.362	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	223392	47.132	ng	99

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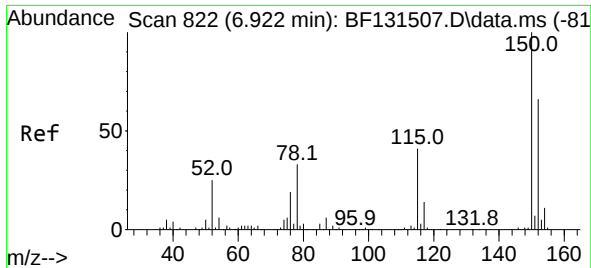
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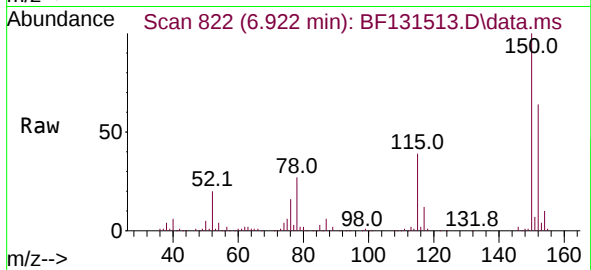
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	227429	44.993	ng	98
46) 1,1'-Biphenyl	9.398	154	769572	45.990	ng	99
47) 2-Chloronaphthalene	9.422	162	606634	44.380	ng	100
48) 2-Nitroaniline	9.522	65	156815	39.705	ng	97
49) Acenaphthylene	9.845	152	907875	44.464	ng	99
50) Dimethylphthalate	9.704	163	695427	45.340	ng	100
51) 2,6-Dinitrotoluene	9.763	165	153634	46.878	ng	100
52) Acenaphthene	10.016	154	653496m	49.331	ng	
53) 3-Nitroaniline	9.933	138	69823	20.354	ng	89
54) 2,4-Dinitrophenol	10.045	184	181178	110.177	ng	# 82
55) Dibenzofuran	10.186	168	875575	45.276	ng	100
56) 4-Nitrophenol	10.098	139	236412	98.757	ng	90
57) 2,4-Dinitrotoluene	10.175	165	214039	49.774	ng	# 75
58) Fluorene	10.533	166	708774	44.414	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	203531	47.469	ng	97
60) Diethylphthalate	10.404	149	686291	45.381	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	373687	45.267	ng	96
62) 4-Nitroaniline	10.557	138	145568	42.560	ng	90
63) Azobenzene	10.686	77	591171	39.643	ng	91
65) 4,6-Dinitro-2-methylph...	10.580	198	115482	50.919	ng	90
66) n-Nitrosodiphenylamine	10.645	169	590055	45.487	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	245081	47.393	ng	96
68) Hexachlorobenzene	11.080	284	276334	48.217	ng	# 89
69) Atrazine	11.169	200	157312	41.012	ng	99
70) Pentachlorophenol	11.275	266	325659	106.124	ng	98
71) Phenanthrene	11.504	178	1043035	45.414	ng	100
72) Anthracene	11.557	178	1056089	46.771	ng	100
73) Carbazole	11.710	167	913428	48.053	ng	99
74) Di-n-butylphthalate	12.033	149	1036683	48.847	ng	99
75) Fluoranthene	12.698	202	1181546	46.744	ng	98
77) Benzidine	12.816	184	91233	18.137	ng	100
78) Pyrene	12.927	202	1168057	43.779	ng	100
80) Butylbenzylphthalate	13.545	149	395209	54.914	ng	86
81) Benzo(a)anthracene	14.121	228	925643	45.502	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	204536	37.127	ng	96
83) Chrysene	14.157	228	875476	44.765	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	470077	58.447	ng	99
85) Di-n-octyl phthalate	14.727	149	578562	51.422	ng	96
87) Indeno(1,2,3-cd)pyrene	17.209	276	772985	43.277	ng	99
88) Benzo(b)fluoranthene	15.198	252	752678	50.146	ng	99
89) Benzo(k)fluoranthene	15.233	252	752267	46.170	ng	99
90) Benzo(a)pyrene	15.586	252	644334	51.729	ng	98
91) Dibenzo(a,h)anthracene	17.233	278	652674	44.779	ng	98
92) Benzo(g,h,i)perylene	17.680	276	639582	47.399	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

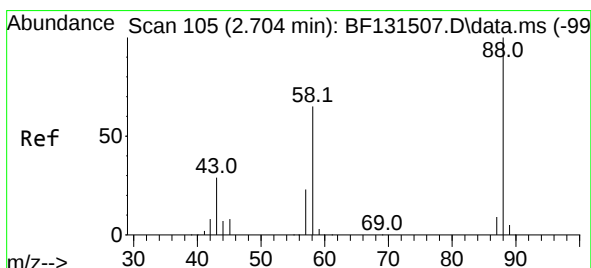
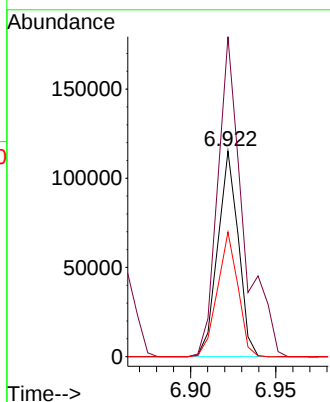
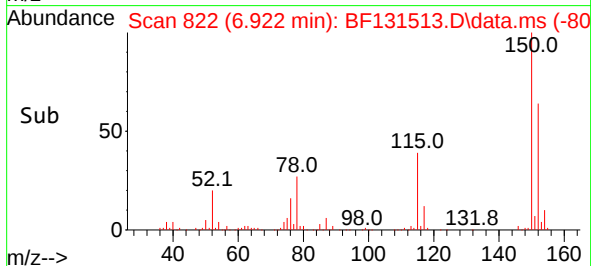
Instrument :
 BNA_F
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 PB149409BS



Tgt Ion:152 Resp: 96349
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.9 182.9
 115 60.6 50.4 75.6

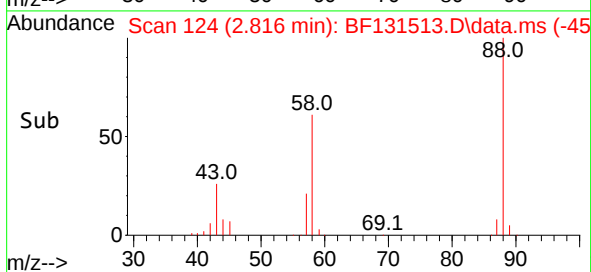
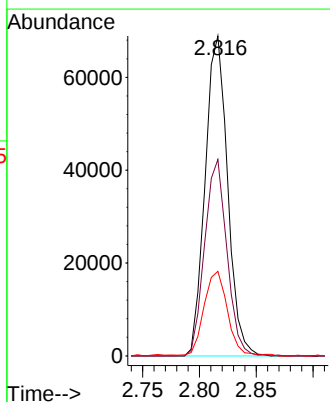
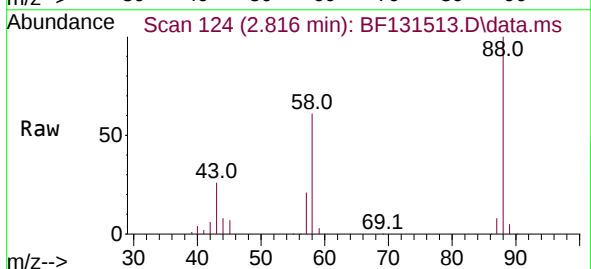
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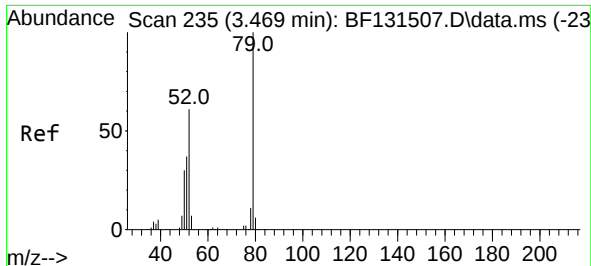
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#2
 1,4-Dioxane
 Concen: 39.266 ng
 RT: 2.816 min Scan# 124
 Delta R.T. 0.112 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

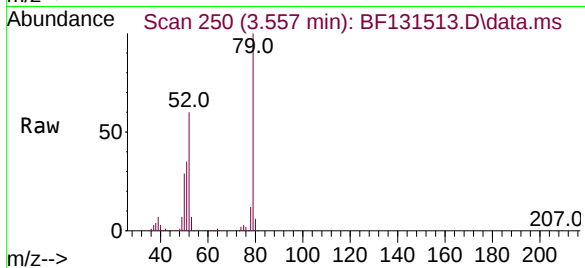
Tgt Ion: 88 Resp: 94838
 Ion Ratio Lower Upper
 88 100
 58 60.8 52.9 79.3
 43 27.7 23.8 35.6





#3
Pyridine
Concen: 35.909 ng
RT: 3.557 min Scan# 245
Delta R.T. 0.088 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

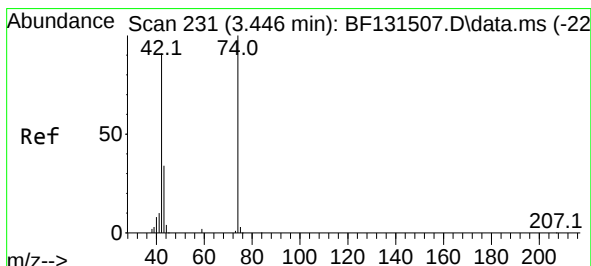
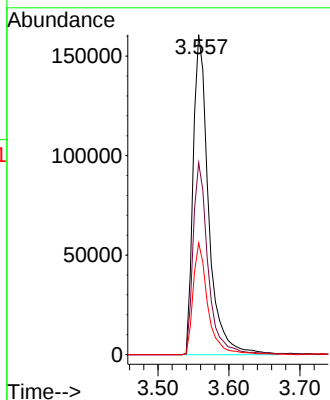
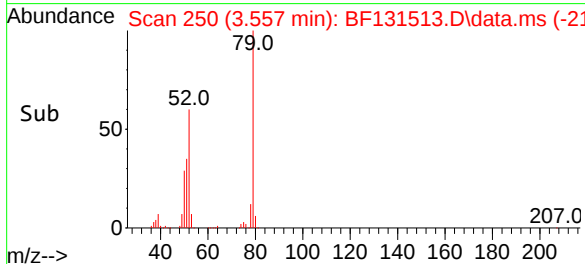
Instrument :
BNA_F
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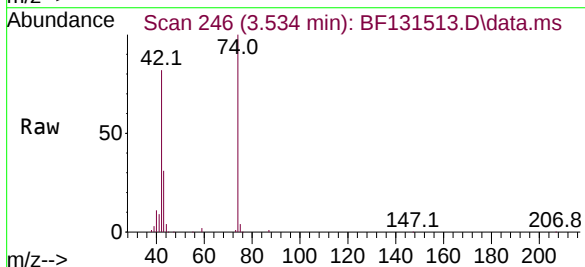
Tgt Ion: 79 Resp: 242100
Ion Ratio Lower Upper
79 100
52 59.9 48.5 72.7
51 34.9 29.4 44.0

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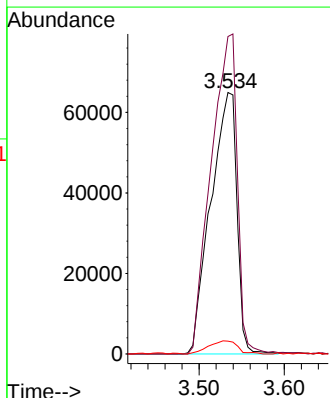
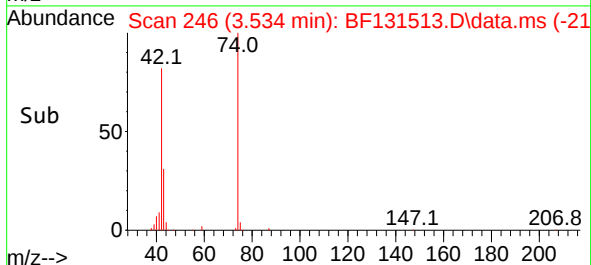
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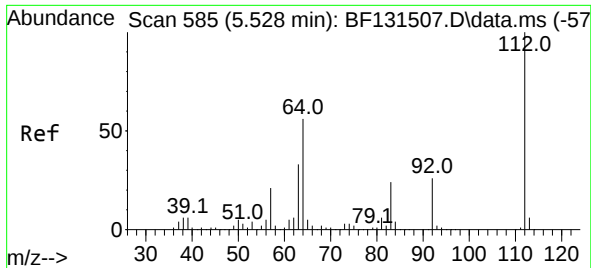


#4
n-Nitrosodimethylamine
Concen: 40.042 ng
RT: 3.534 min Scan# 246
Delta R.T. 0.088 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion: 42 Resp: 138346
Ion Ratio Lower Upper
42 100
74 121.4 88.1 132.1
44 4.8 3.7 5.5





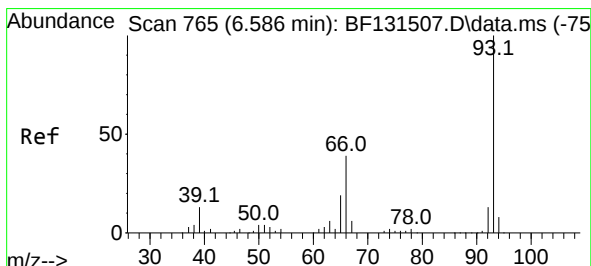
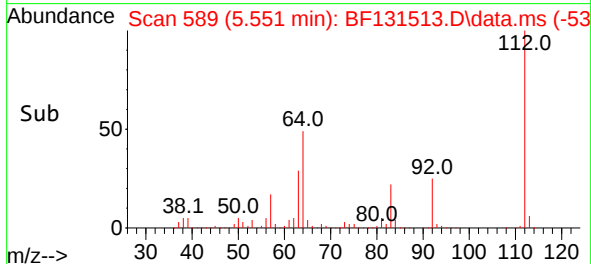
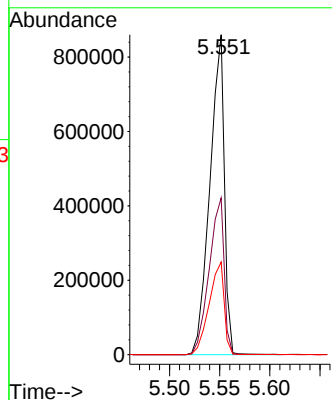
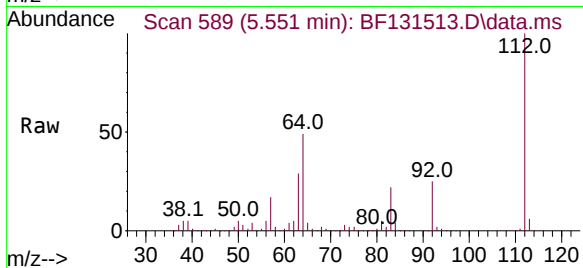
#5
2-Fluorophenol
Concen: 152.144 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.024 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Tgt Ion:112 Resp: 858410
Ion Ratio Lower Upper
112 100
64 49.0 44.5 66.7
63 28.9 26.7 40.1

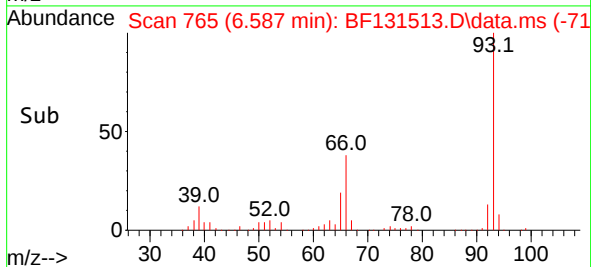
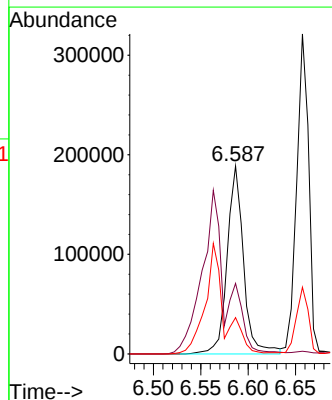
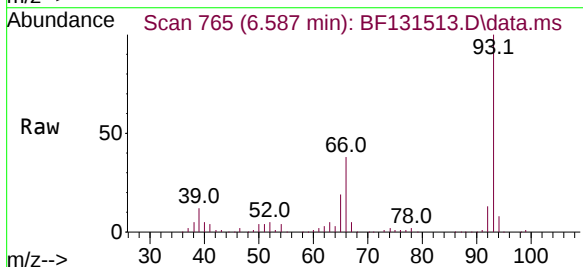
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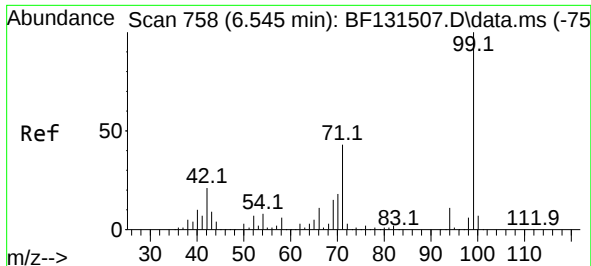
Reviewed By :Christian Giraldo 12/06/2022
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#6
Aniline
Concen: 26.194 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 93 Resp: 227830
Ion Ratio Lower Upper
93 100
66 37.5 32.6 49.0
65 19.3 15.8 23.8





#7

Phenol-d6

Concen: 146.510 ng

RT: 6.551 min Scan# 758

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion: 99 Resp: 103224

Ion Ratio Lower Upper

99 100

42 18.4 16.6 25.0

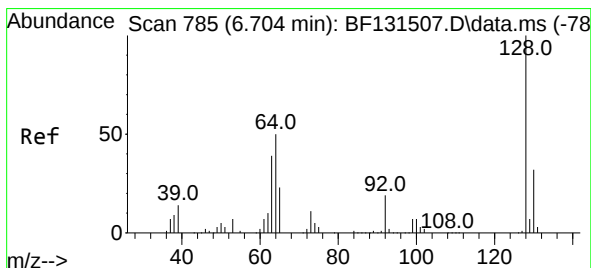
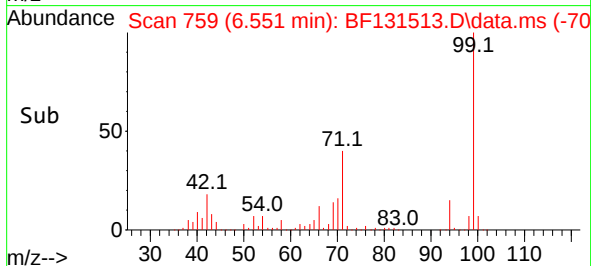
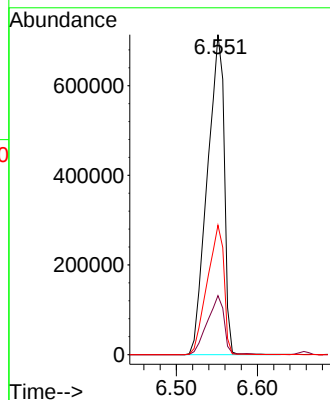
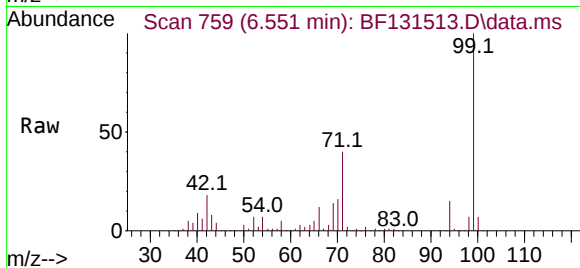
71 40.4 34.4 51.6

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#8

2-Chlorophenol

Concen: 51.044 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF131513.D

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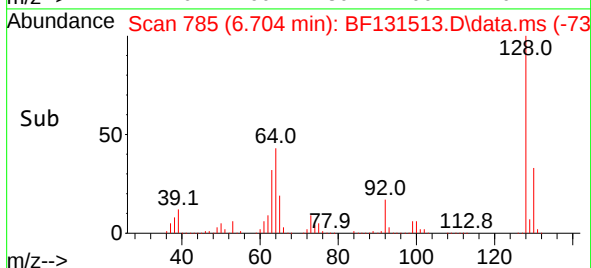
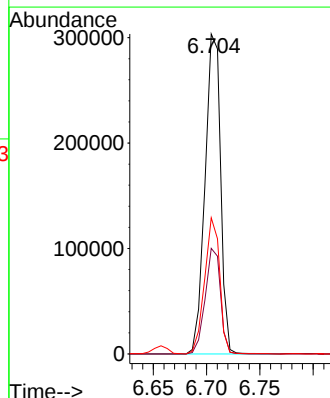
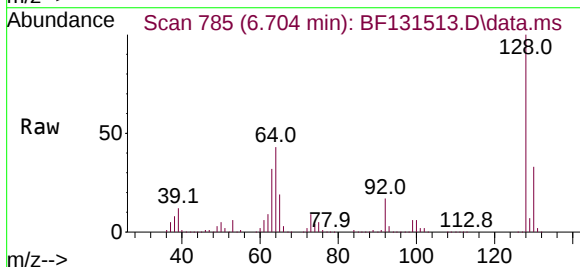
Tgt Ion:128 Resp: 307549

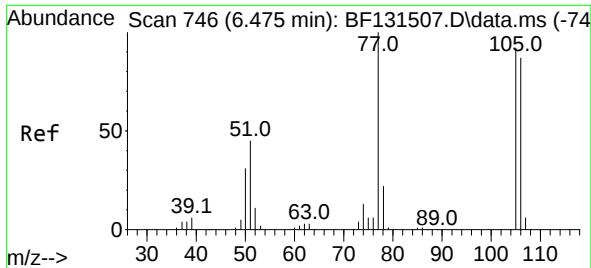
Ion Ratio Lower Upper

128 100

130 33.0 11.9 51.9

64 42.5 31.7 71.7





#9

Benzaldehyde

Concen: 10.721 ng

RT: 6.469 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

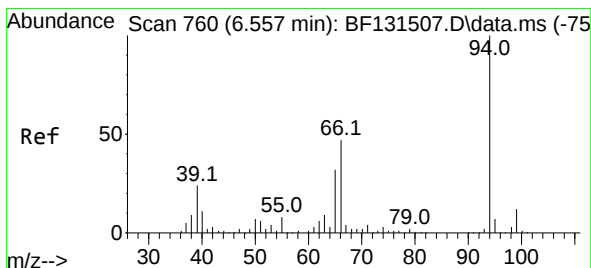
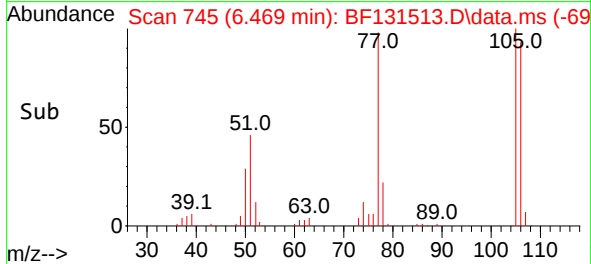
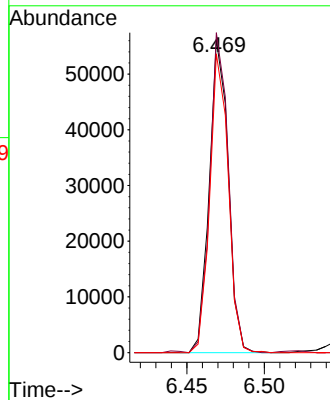
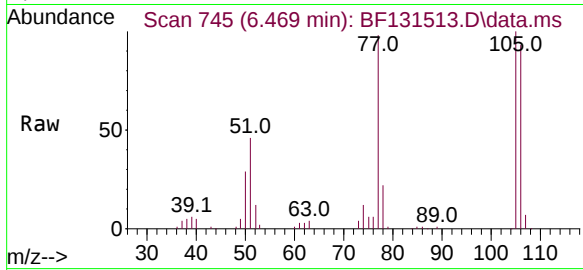
PB149409BS

Tgt Ion: 77	Resp: 48214
Ion Ratio	Lower Upper
77 100	
105 102.3	71.9 111.9
106 95.6	67.2 107.2

Manual Integrations

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#10

Phenol

Concen: 46.846 ng m

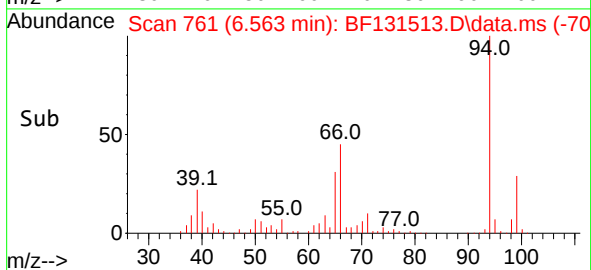
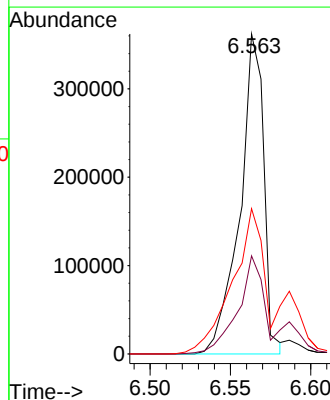
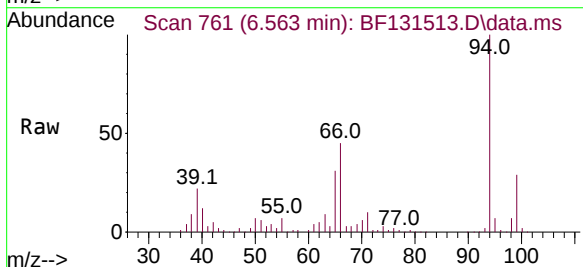
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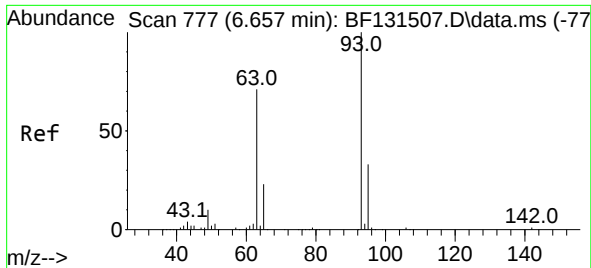
Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion: 94	Resp: 373368
Ion Ratio	Lower Upper
94 100	
65 30.6	12.1 52.1
66 45.4	27.1 67.1





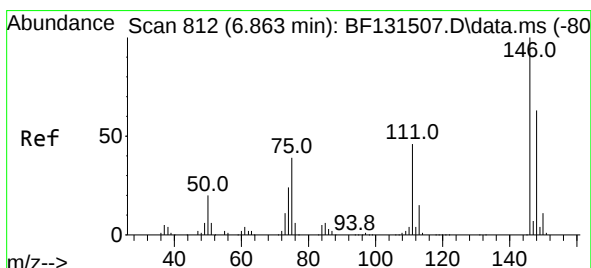
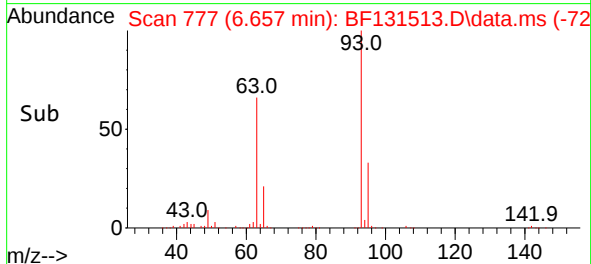
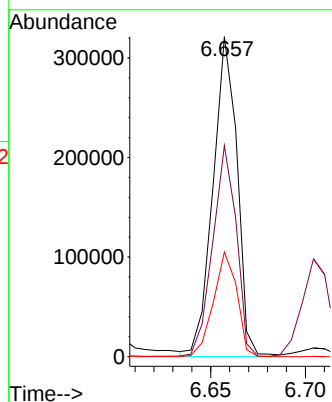
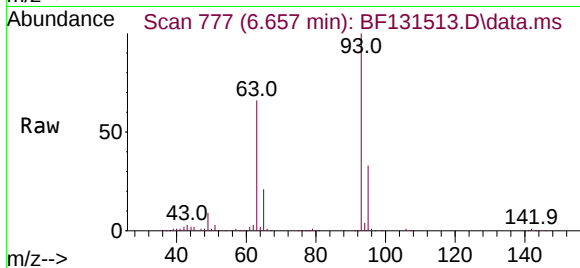
#11
bis(2-Chloroethyl)ether
Concen: 48.475 ng
RT: 6.657 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Tgt Ion: 93 Resp: 285356
Ion Ratio Lower Upper
93 100
63 65.9 51.2 91.2
95 32.7 13.0 53.0

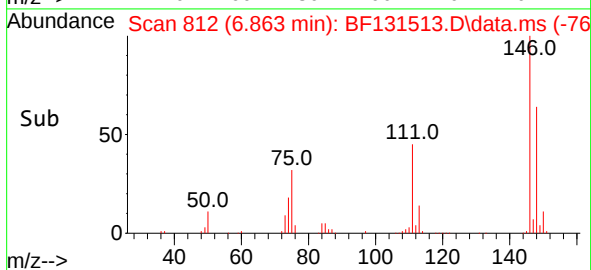
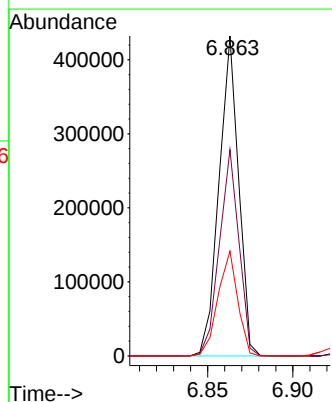
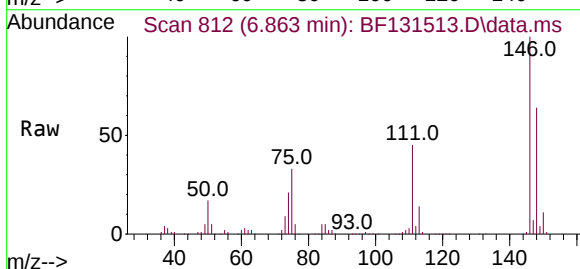
Manual Integrations
APPROVED

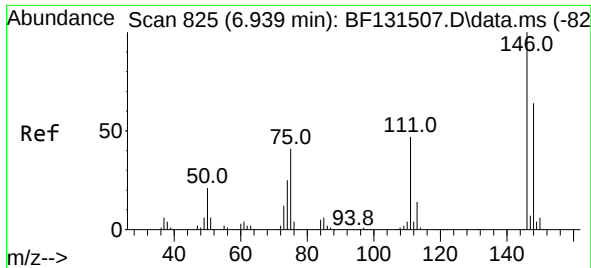
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#12
1,3-Dichlorobenzene
Concen: 48.992 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

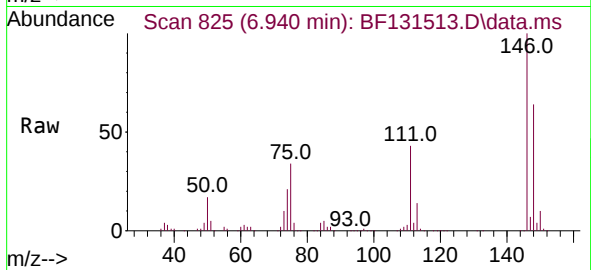
Tgt Ion:146 Resp: 344539
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.4
75 32.7 31.4 47.2





#13
1,4-Dichlorobenzene
Concen: 48.372 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

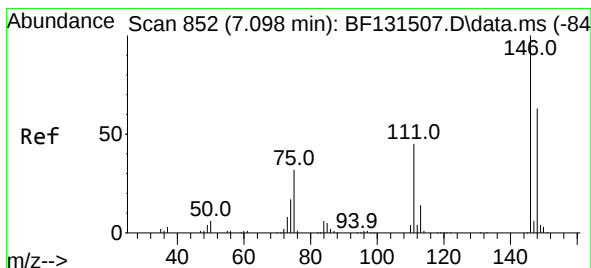
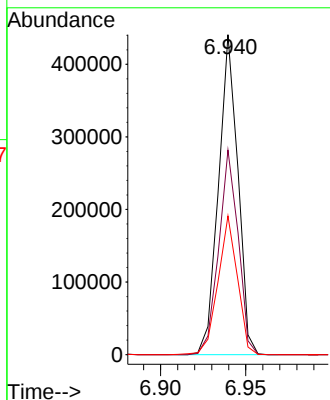
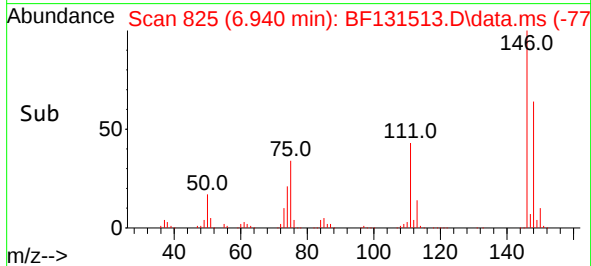
Instrument :
BNA_F
ClientSampleId :
PB149409BS



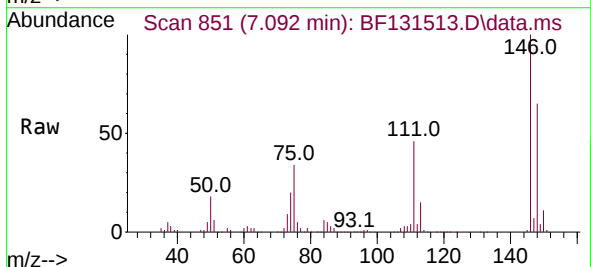
Tgt Ion:146 Resp: 347669
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 43.3 37.6 56.4

Manual Integrations
APPROVED

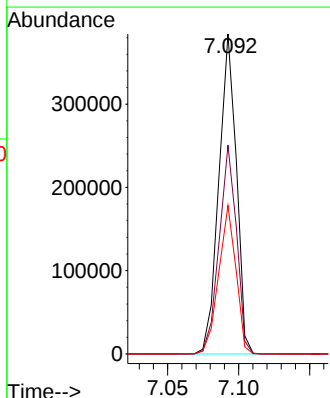
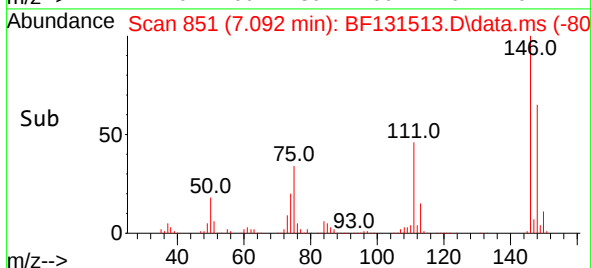
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

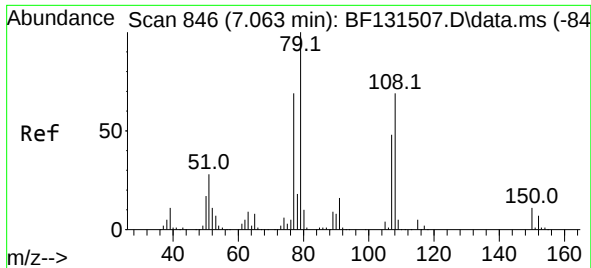


#14
1,2-Dichlorobenzene
Concen: 49.169 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



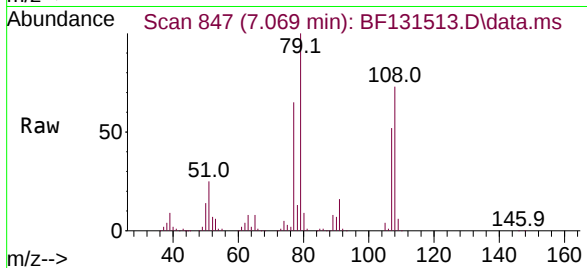
Tgt Ion:146 Resp: 329268
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
111 46.4 36.1 54.1





#15
Benzyl Alcohol
Concen: 44.888 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

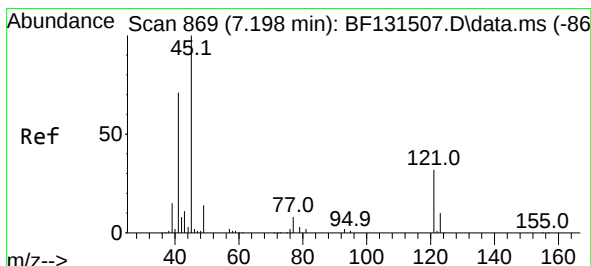
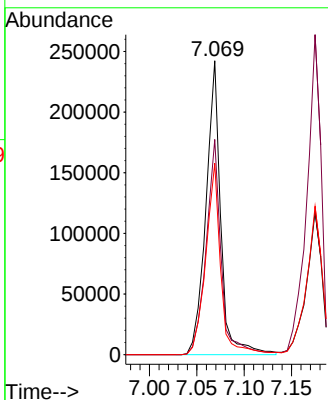
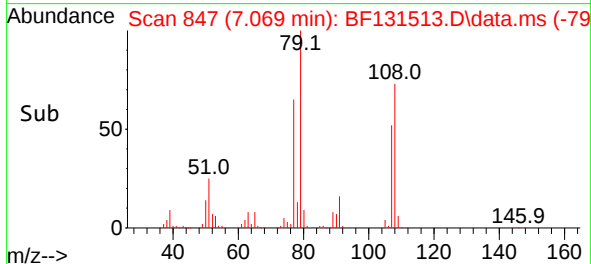
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion: 79 Resp: 264529
Ion Ratio Lower Upper
79 100
108 73.2 55.1 82.7
77 65.1 55.4 83.0

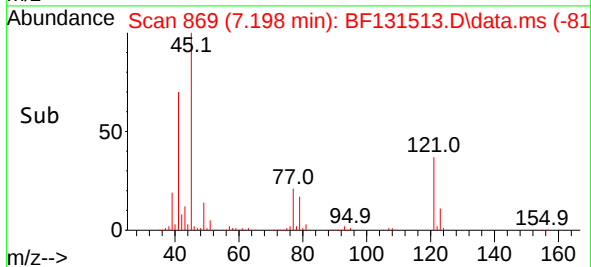
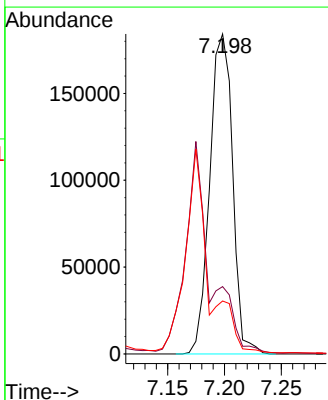
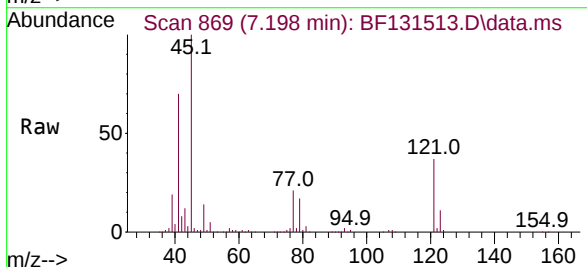
Manual Integrations
APPROVED

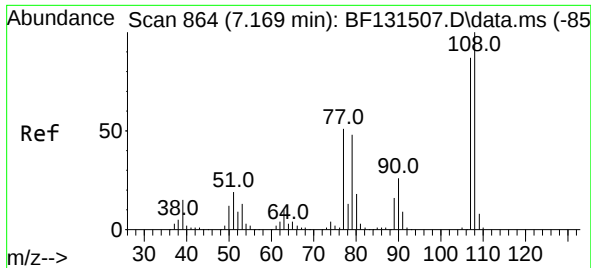
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.540 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

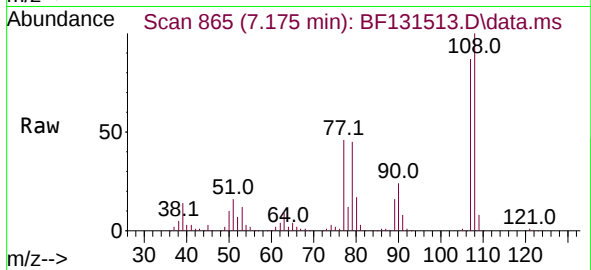
Tgt Ion: 45 Resp: 257008
Ion Ratio Lower Upper
45 100
77 21.0 1.8 41.8
79 16.5 0.0 36.4





#17
2-Methylphenol
Concen: 48.007 ng
RT: 7.175 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

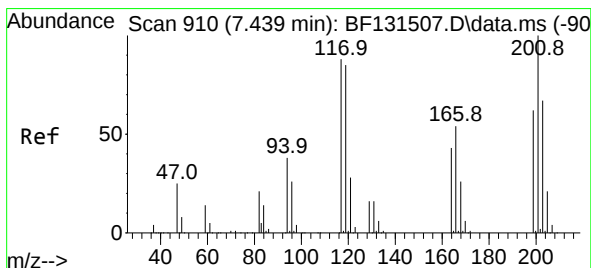
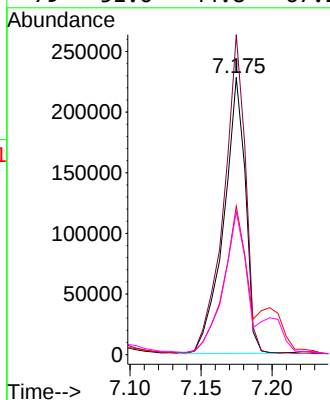
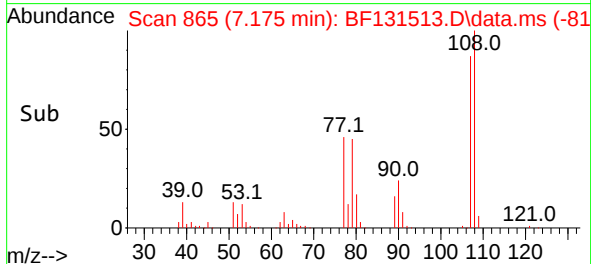
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion:107 Resp: 241601
Ion Ratio Lower Upper
107 100
108 115.5 92.1 138.1
77 53.5 47.0 70.4
79 51.6 44.8 67.2

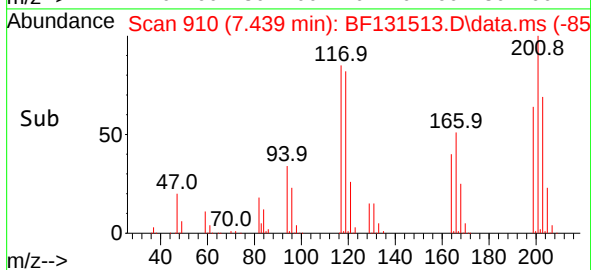
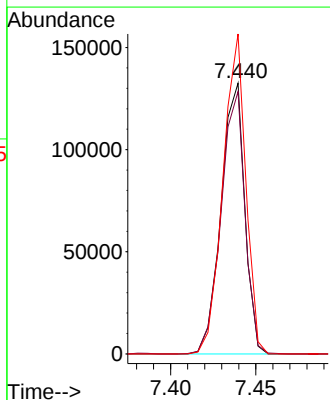
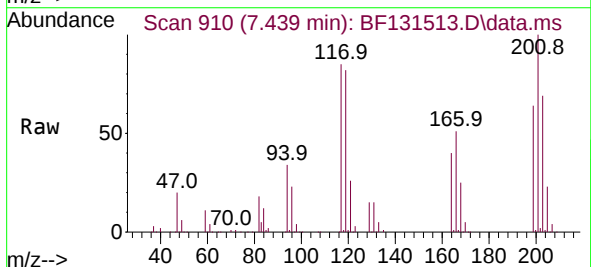
Manual Integrations
APPROVED

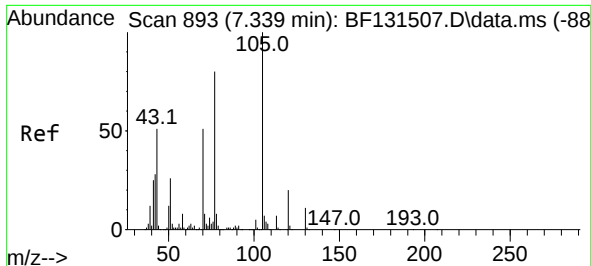
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#18
Hexachloroethane
Concen: 47.846 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

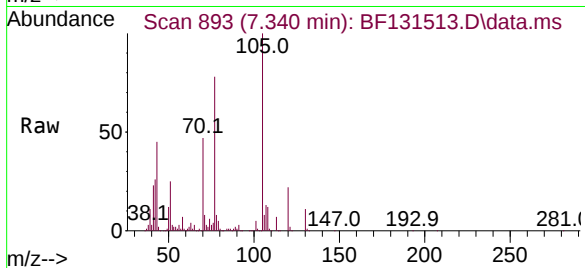
Tgt Ion:117 Resp: 127761
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8
201 118.2 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.529 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

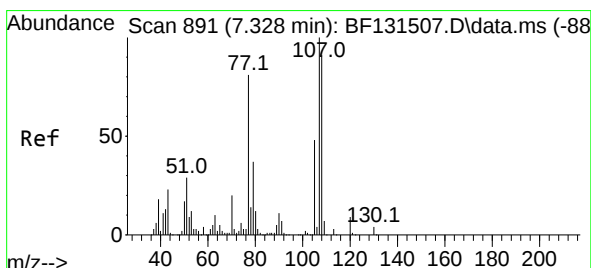
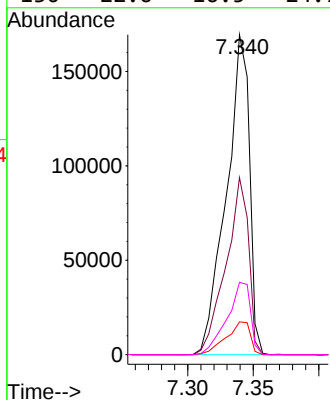
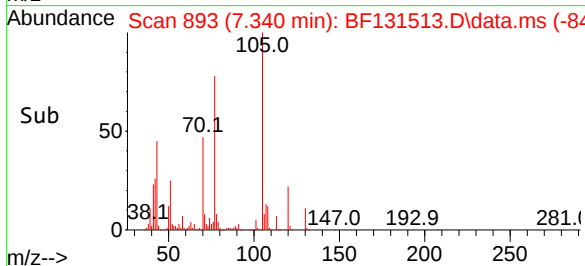
Instrument :
BNA_F
ClientSampleId :
PB149409BS



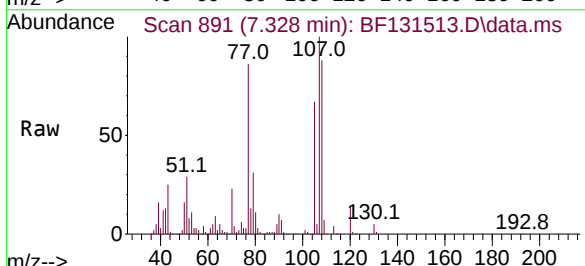
Tgt Ion: 70 Resp: 207561
Ion Ratio Lower Upper
70 100
42 55.4 44.1 66.1
101 10.3 7.7 11.5
130 22.6 16.5 24.7

Manual Integrations
APPROVED

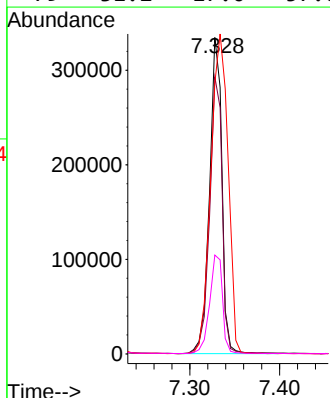
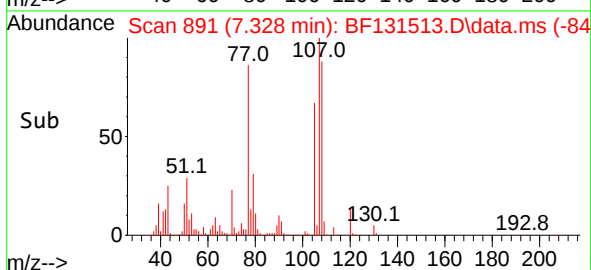
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

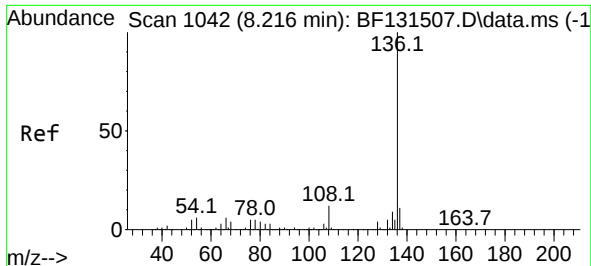


#20
3+4-Methylphenols
Concen: 47.273 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:107 Resp: 321733
Ion Ratio Lower Upper
107 100
108 87.6 70.8 110.8
77 85.6 60.7 100.7
79 31.2 17.0 57.0





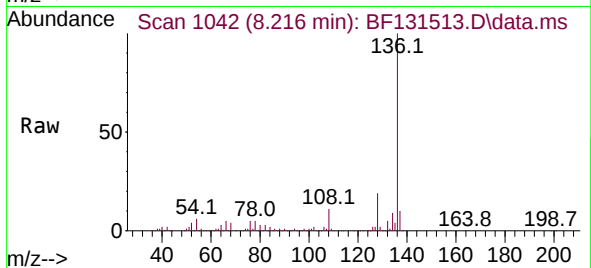
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

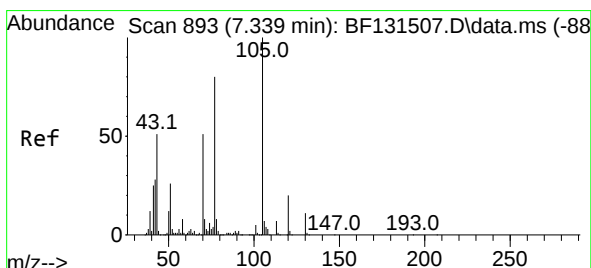
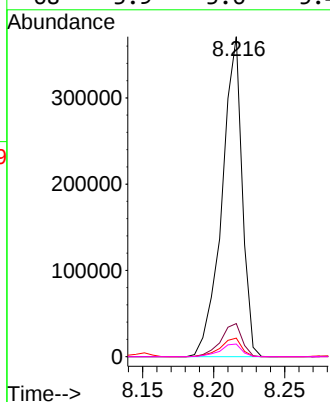
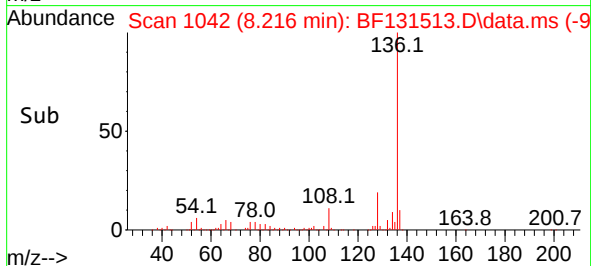


Tgt Ion:136 Resp: 367421
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 5.8 5.0 7.6
68 3.9 3.6 5.4

Manual Integrations

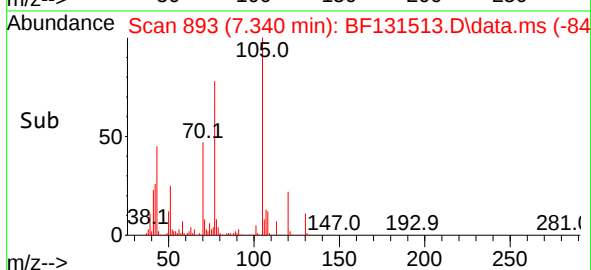
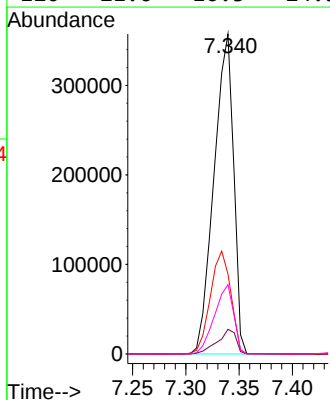
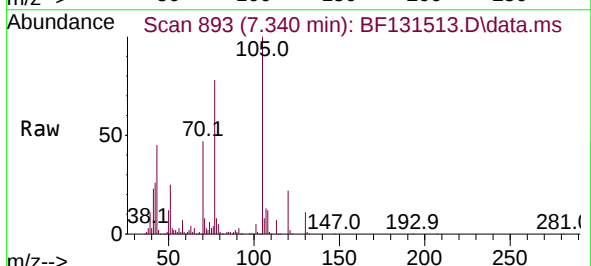
APPROVED

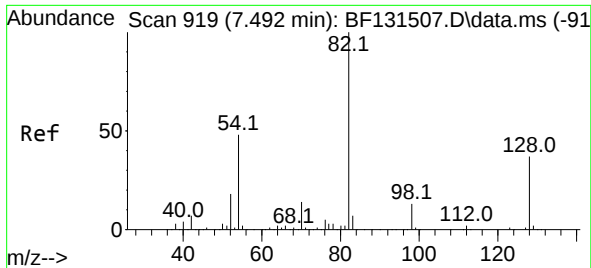
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#22
Acetophenone
Concen: 45.928 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

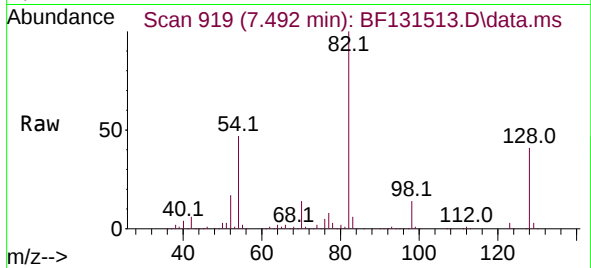
Tgt Ion:105 Resp: 457908
Ion Ratio Lower Upper
105 100
71 7.7 6.6 10.0
51 25.0 21.0 31.6
120 21.6 16.3 24.5





#23
Nitrobenzene-d5
Concen: 81.023 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

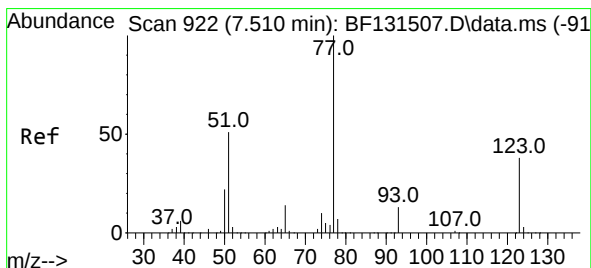
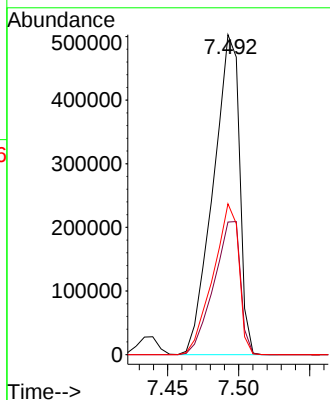
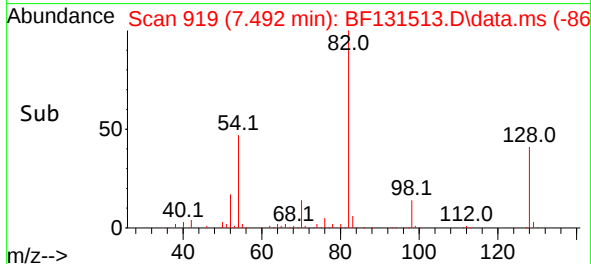
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion: 82 Resp: 648627
Ion Ratio Lower Upper
82 100
128 41.4 29.7 44.5
54 47.1 38.7 58.1

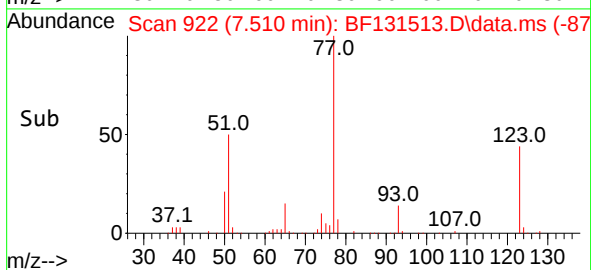
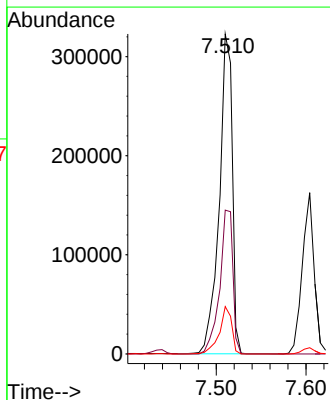
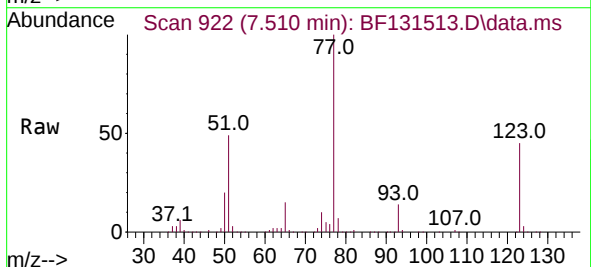
Manual Integrations
APPROVED

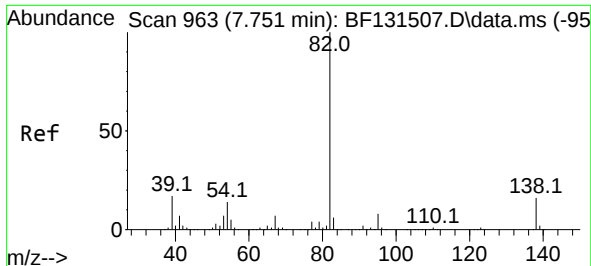
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#24
Nitrobenzene
Concen: 40.641 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

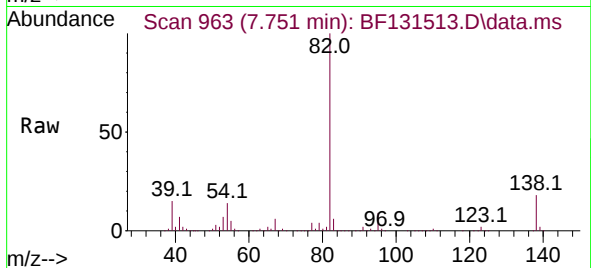
Tgt Ion: 77 Resp: 328274
Ion Ratio Lower Upper
77 100
123 44.9 31.0 46.4
65 14.8 11.4 17.2





#25
Isophorone
Concen: 45.759 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

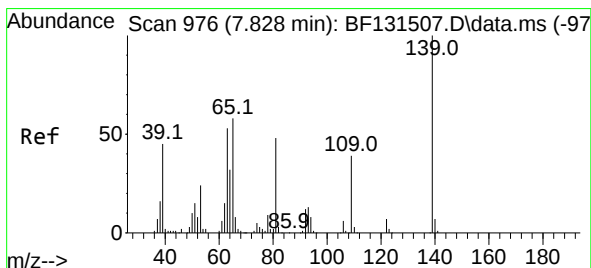
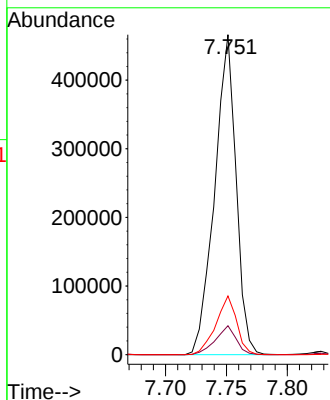
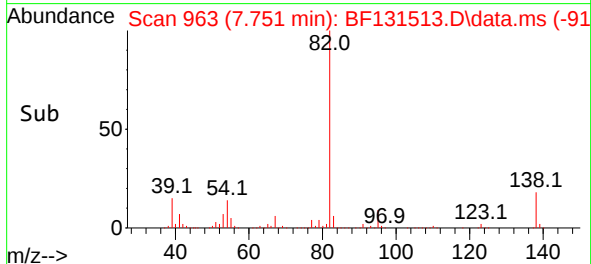
Instrument :
BNA_F
Client Sample Id :
PB149409BS



Tgt Ion: 82 Resp: 569823
Ion Ratio Lower Upper
82 100
95 9.0 6.6 9.8
138 18.3 12.7 19.1

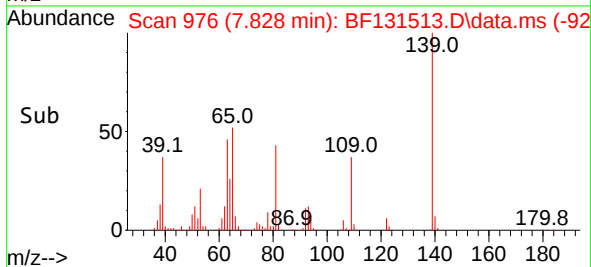
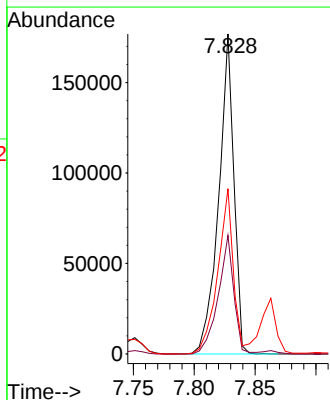
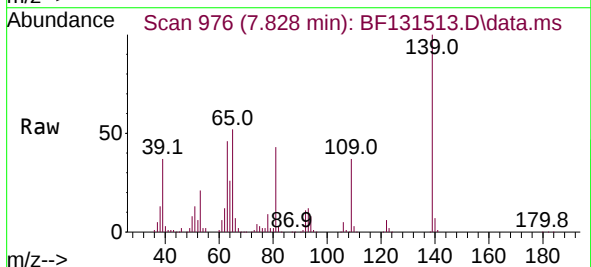
Manual Integrations
APPROVED

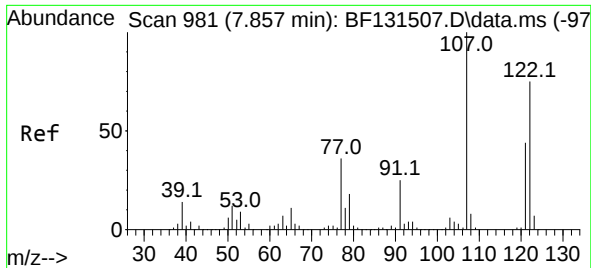
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#26
2-Nitrophenol
Concen: 52.170 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:139 Resp: 154290
Ion Ratio Lower Upper
139 100
109 37.0 31.6 47.4
65 51.6 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 55.385 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

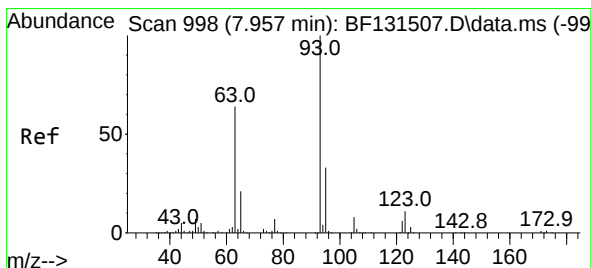
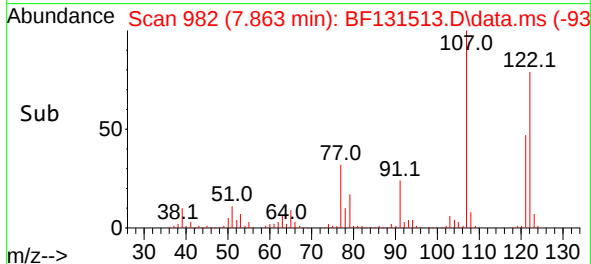
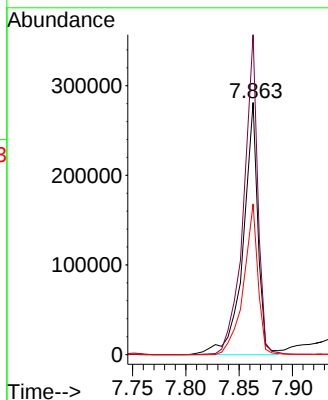
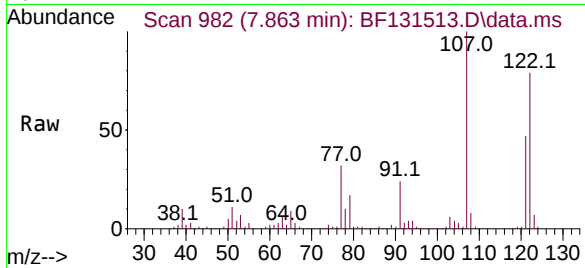
PB149409BS

Tgt Ion:122 Resp: 268929
 Ion Ratio Lower Upper
 122 100
 107 126.9 106.8 160.2
 121 59.8 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.062 ng

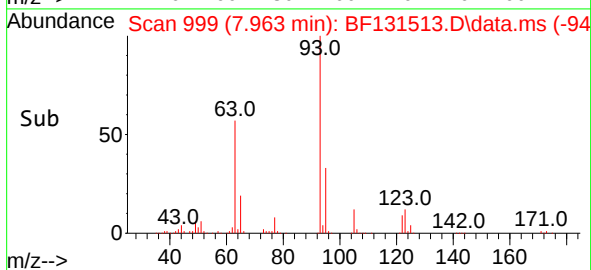
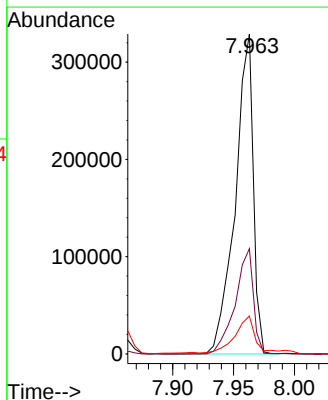
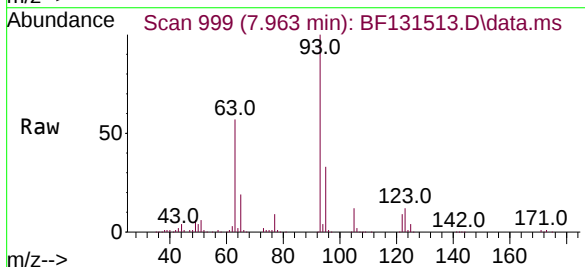
RT: 7.963 min Scan# 999

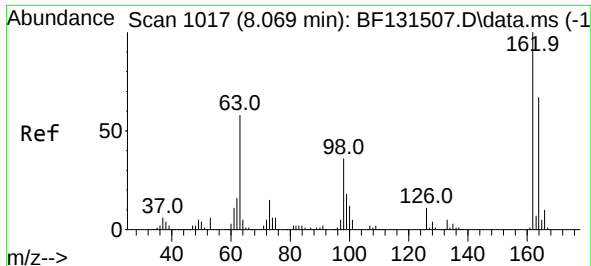
Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion: 93 Resp: 338701
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 11.8 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 48.234 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF131513.D

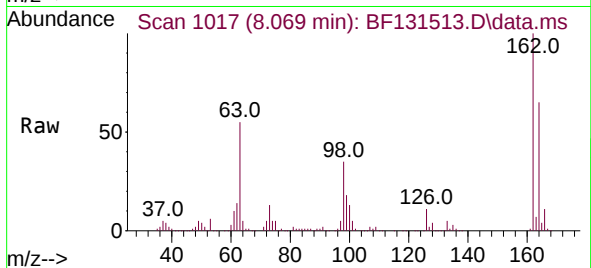
Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS



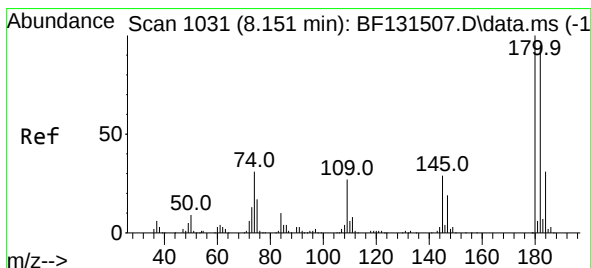
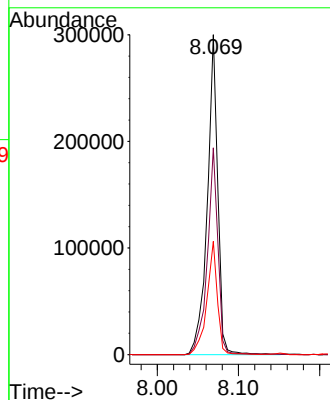
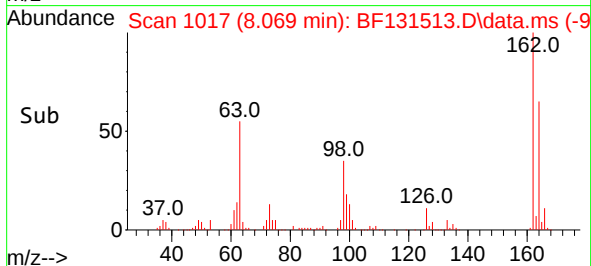
Tgt Ion:162	Resp:	271275
Ion Ratio	Lower	Upper
162	100	
164	64.6	47.3 87.3
98	35.4	16.3 56.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.262 ng

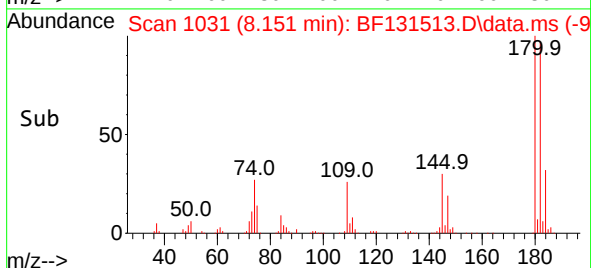
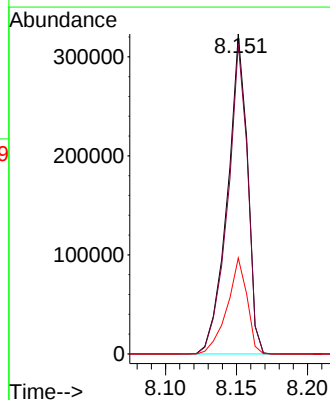
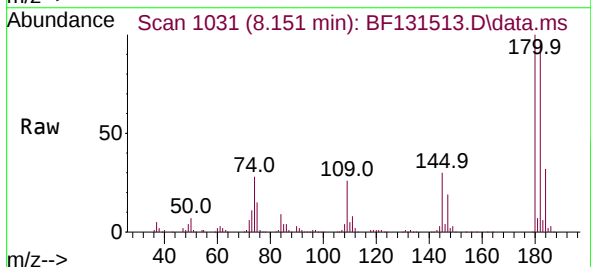
RT: 8.151 min Scan# 1031

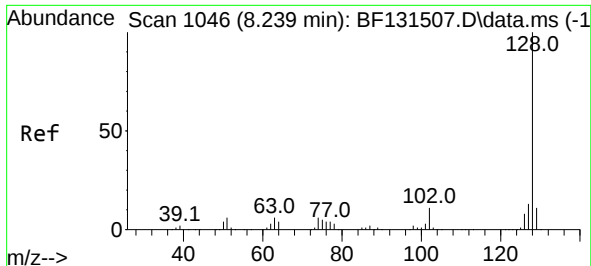
Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

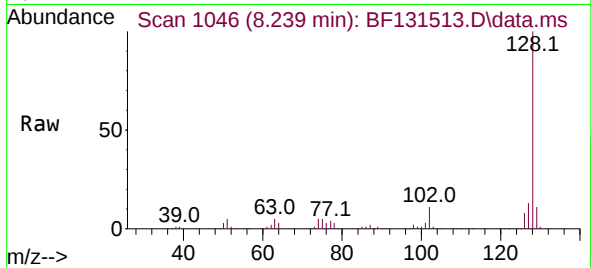
Tgt Ion:180	Resp:	318085
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.3 114.5
145	30.0	23.3 34.9





#31
Naphthalene
Concen: 43.214 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

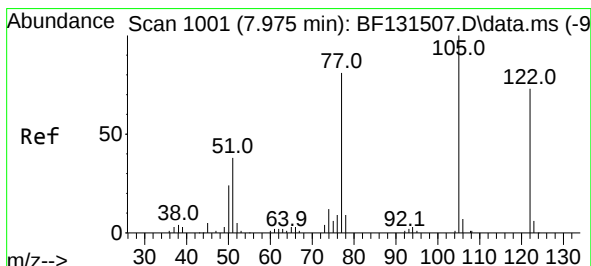
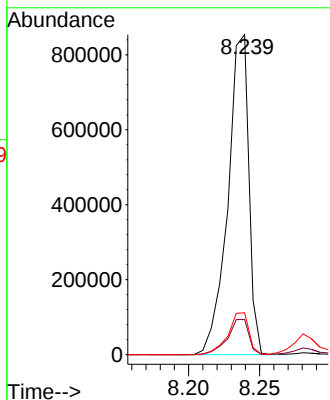
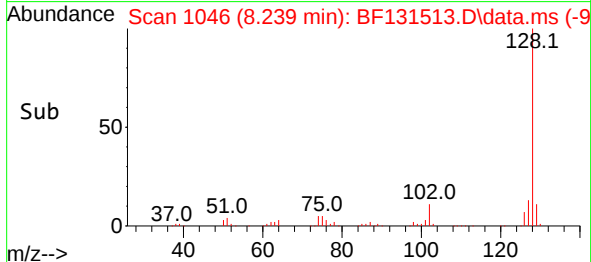
Instrument :
BNA_F
ClientSampleId :
PB149409BS



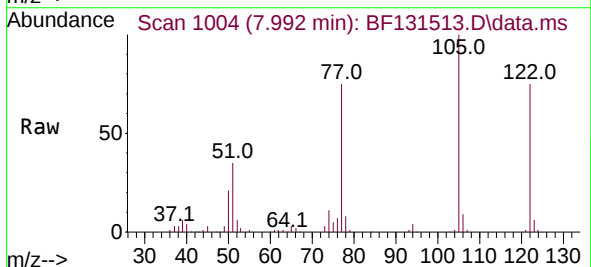
Tgt Ion:128 Resp: 877793
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 16.0

Manual Integrations
APPROVED

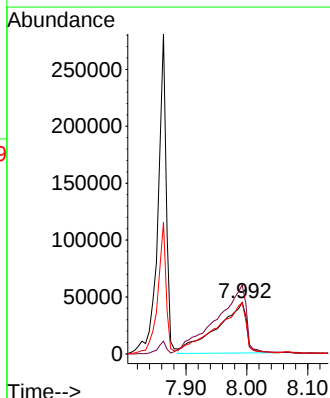
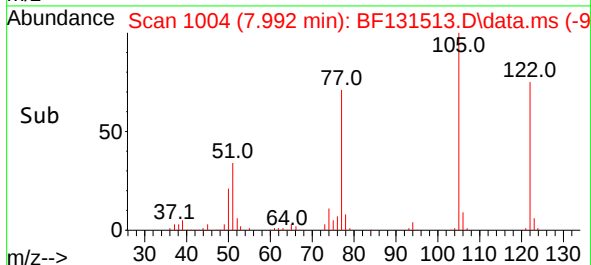
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

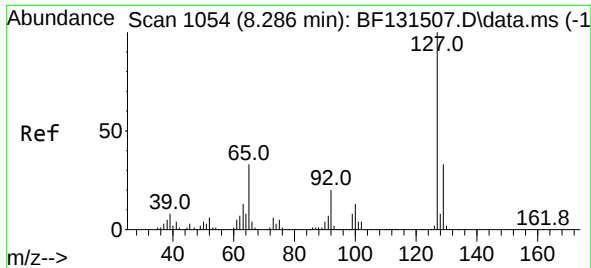


#32
Benzoic acid
Concen: 51.734 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.017 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:122 Resp: 151488
Ion Ratio Lower Upper
122 100
105 133.4 114.0 154.0
77 99.4 90.3 130.3





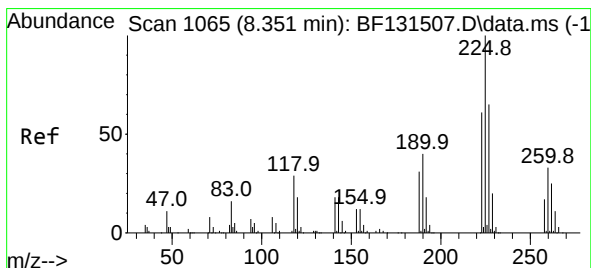
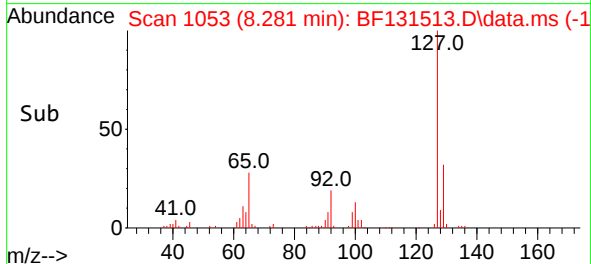
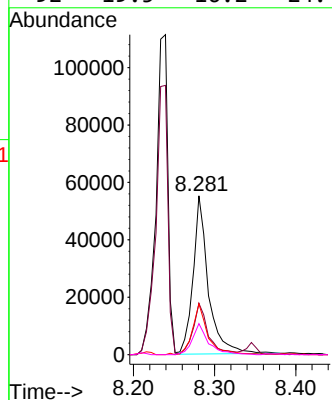
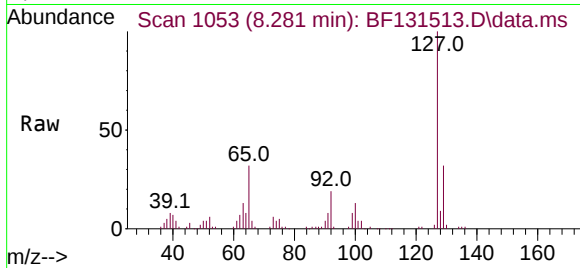
#33
4-Chloroaniline
Concen: 9.402 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Tgt Ion:	127	Resp:	71529
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.5	39.7
65	31.9	26.4	39.6
92	19.5	16.2	24.4

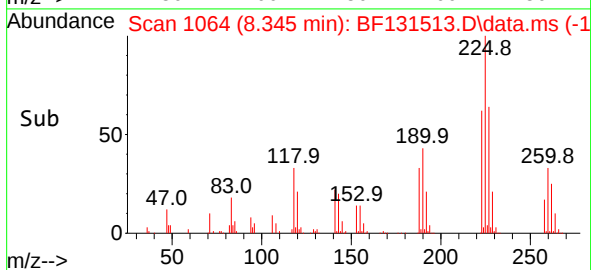
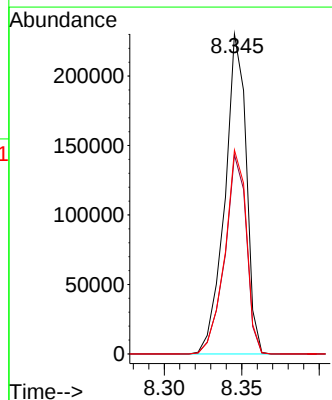
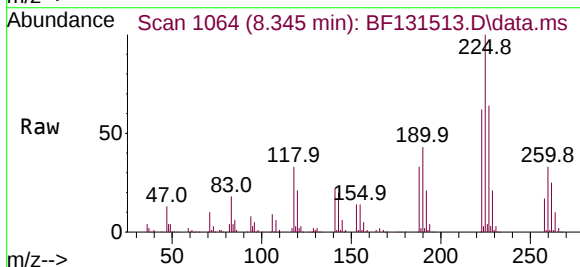
Manual Integrations
APPROVED

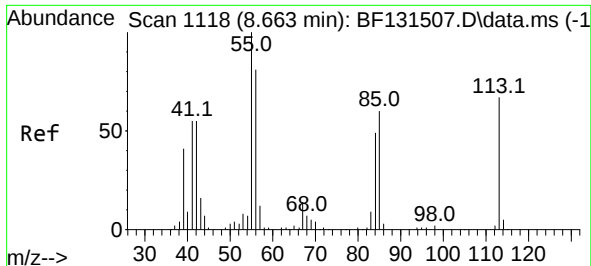
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#34
Hexachlorobutadiene
Concen: 44.301 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

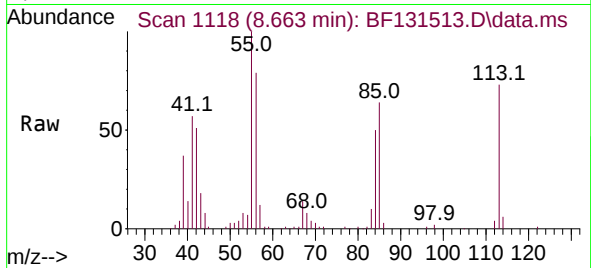
Tgt Ion:	225	Resp:	222361
Ion Ratio	Lower	Upper	
225	100		
223	62.2	49.2	73.8
227	63.8	51.7	77.5





#35
Caprolactam
Concen: 46.326 ng m
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

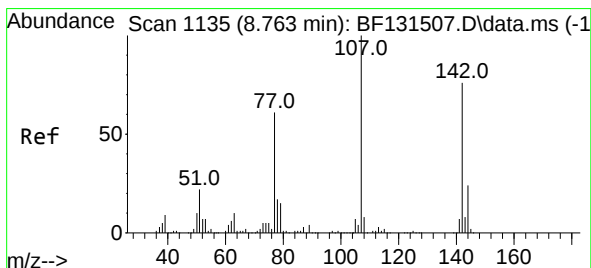
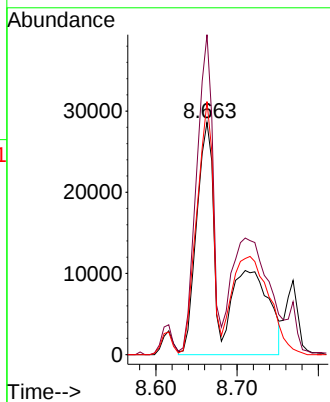
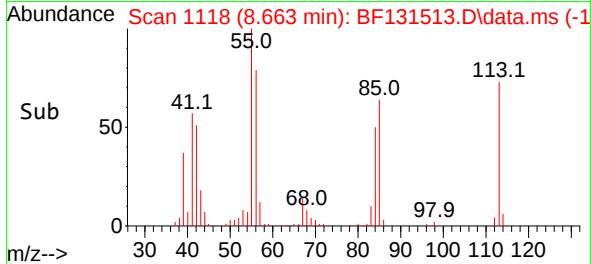
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion:113 Resp: 73139
Ion Ratio Lower Upper
113 100
55 137.8 128.2 168.2
56 109.0 100.7 140.7

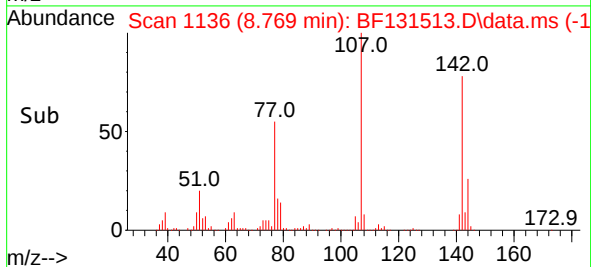
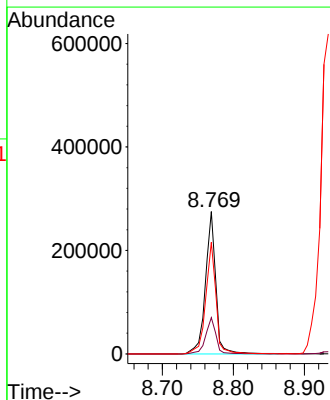
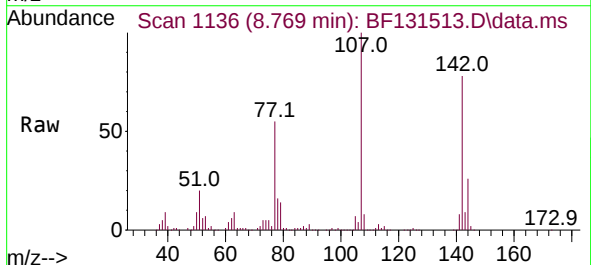
Manual Integrations
APPROVED

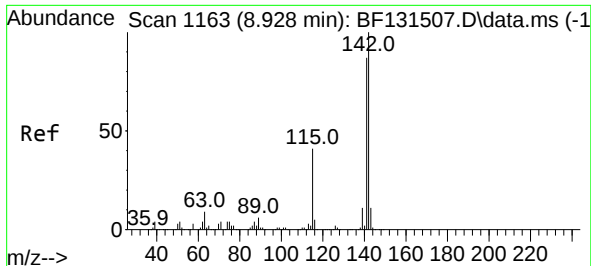
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#36
4-Chloro-3-methylphenol
Concen: 46.034 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:107 Resp: 276766
Ion Ratio Lower Upper
107 100
144 25.5 19.4 29.0
142 78.3 61.1 91.7





#37

2-Methylnaphthalene

Concen: 44.810 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion:142 Resp: 60908

Ion Ratio Lower Upper

142 100

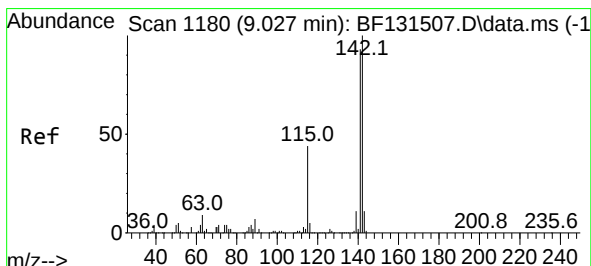
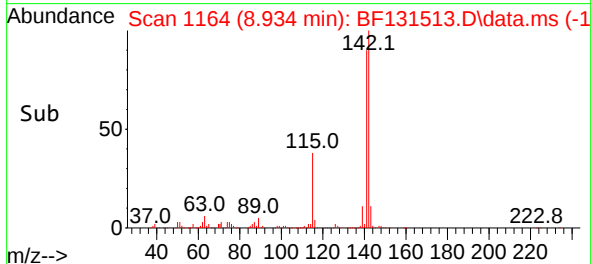
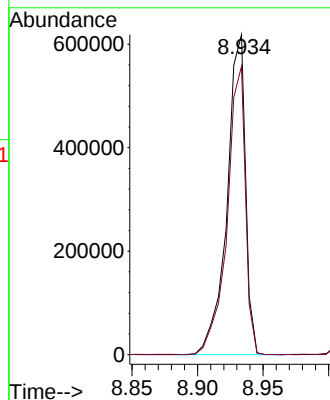
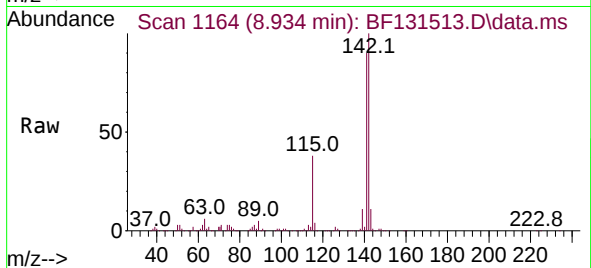
141 90.1 69.7 104.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#38

1-Methylnaphthalene

Concen: 43.841 ng

RT: 9.034 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF131513.D

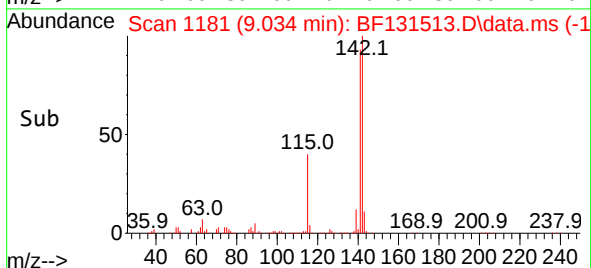
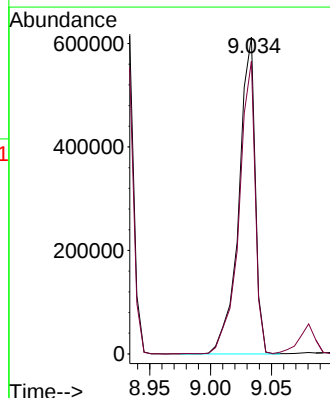
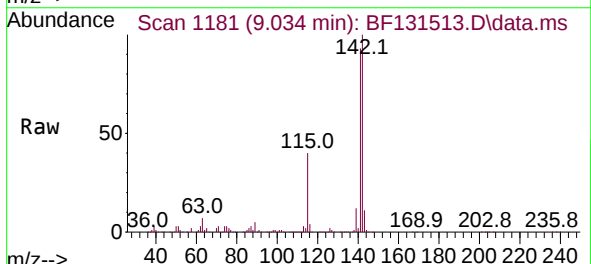
Acq: 05 Dec 2022 22:25

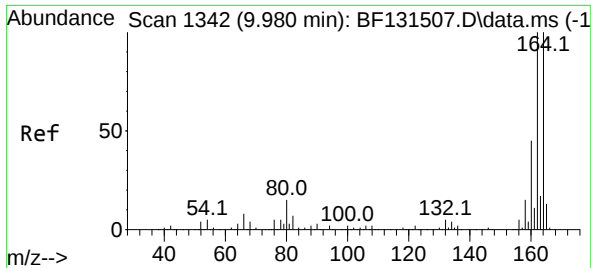
Tgt Ion:142 Resp: 572618

Ion Ratio Lower Upper

142 100

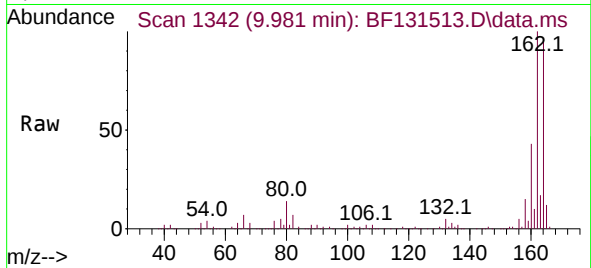
141 92.5 74.2 111.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.001 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

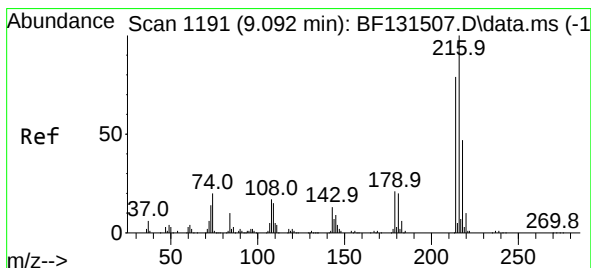
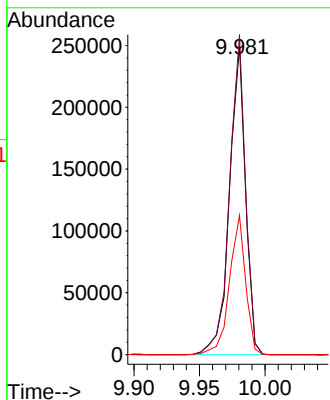
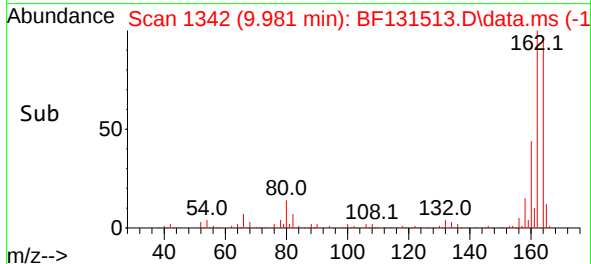
Instrument :
BNA_F
ClientSampleId :
PB149409BS



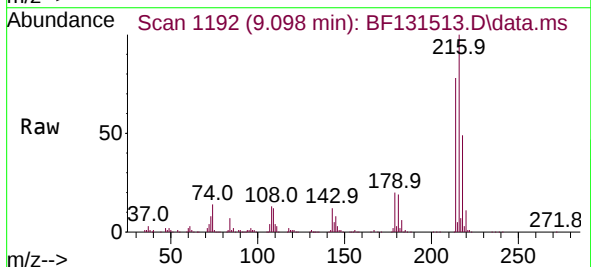
Tgt Ion:164 Resp: 212212
Ion Ratio Lower Upper
164 100
162 103.7 80.1 120.1
160 45.1 36.4 54.6

Manual Integrations
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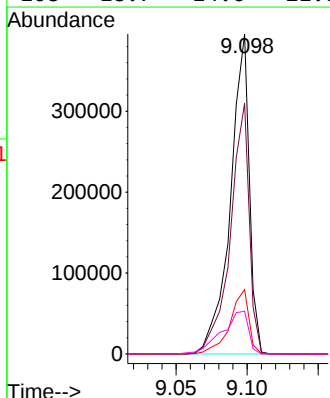
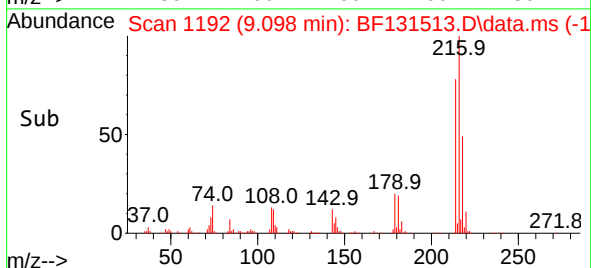
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

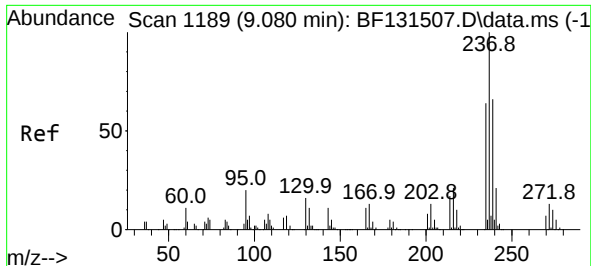


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.690 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



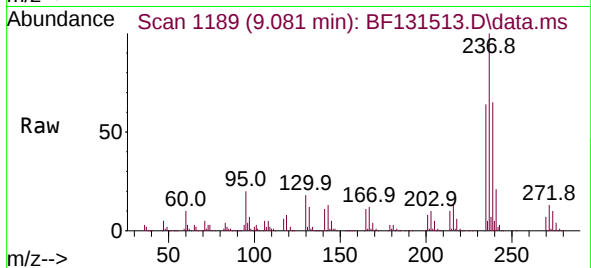
Tgt Ion:216 Resp: 366015
Ion Ratio Lower Upper
216 100
214 78.2 62.2 93.4
179 20.1 16.4 24.6
108 18.7 14.6 21.8





#41
Hexachlorocyclopentadiene
Concen: 136.362 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

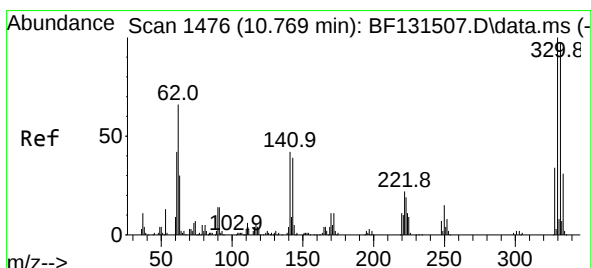
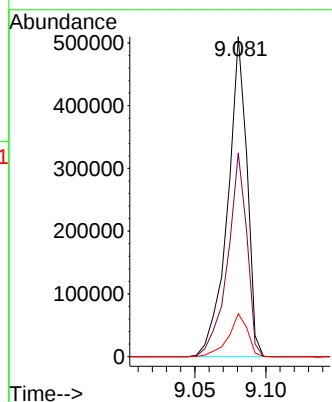
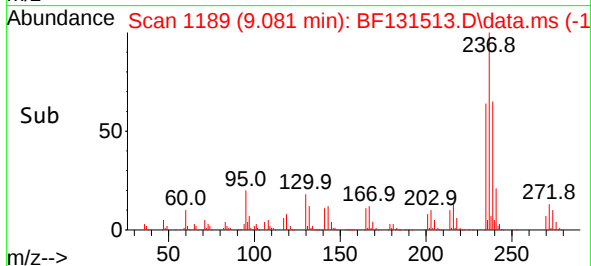
Instrument :
BNA_F
ClientSampleId :
PB149409BS



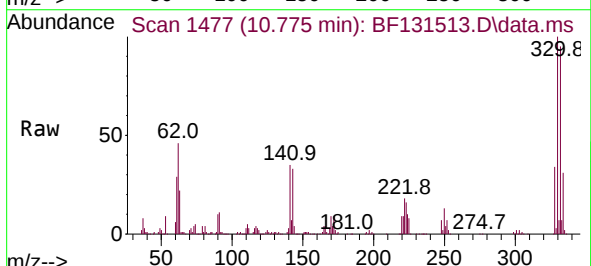
Tgt Ion:237 Resp: 481536
Ion Ratio Lower Upper
237 100
235 63.7 44.2 84.2
272 13.4 0.0 32.9

Manual Integrations
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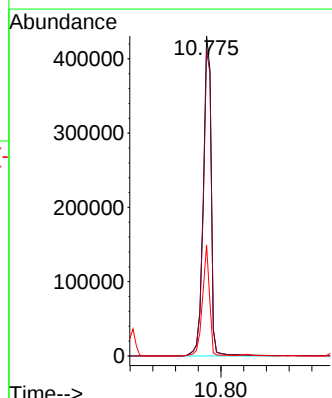
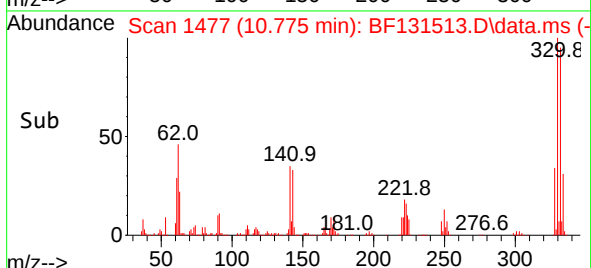
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

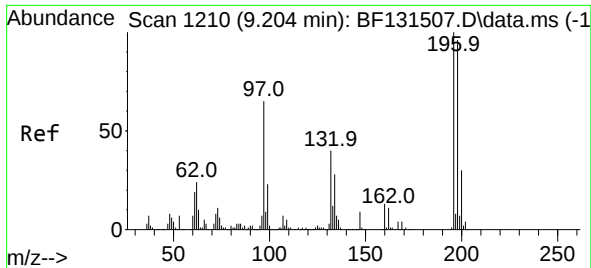


#42
2,4,6-Tribromophenol
Concen: 171.057 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:330 Resp: 413328
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.2
141 30.9 29.1 43.7





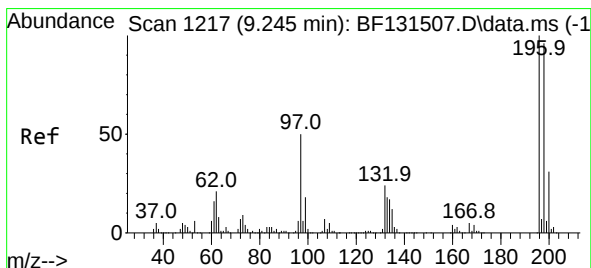
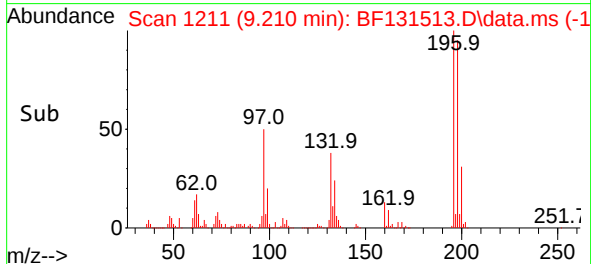
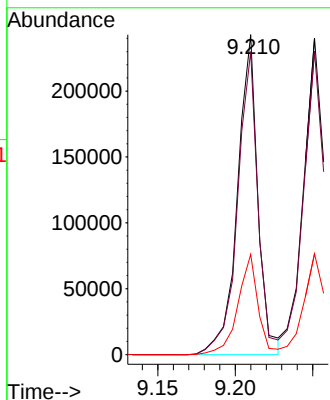
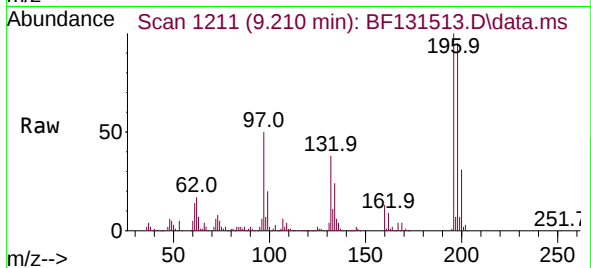
#43
2,4,6-Trichlorophenol
Concen: 47.132 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Tgt Ion:196 Resp: 223392
Ion Ratio Lower Upper
196 100
198 94.7 76.5 114.7
200 31.3 24.2 36.2

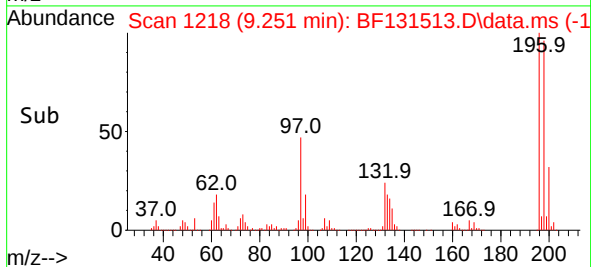
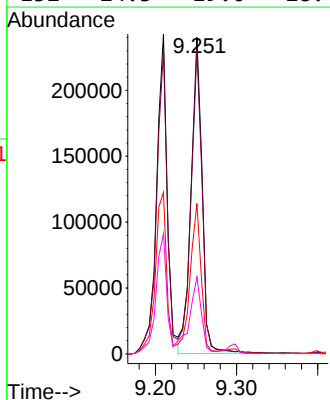
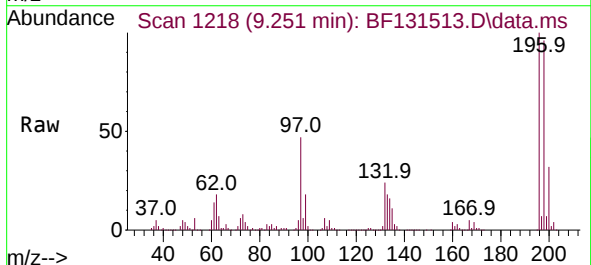
Manual Integrations
APPROVED

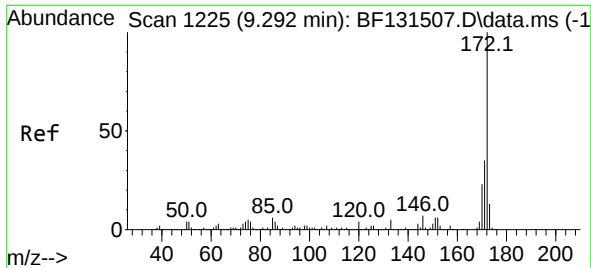
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#44
2,4,5-Trichlorophenol
Concen: 44.993 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

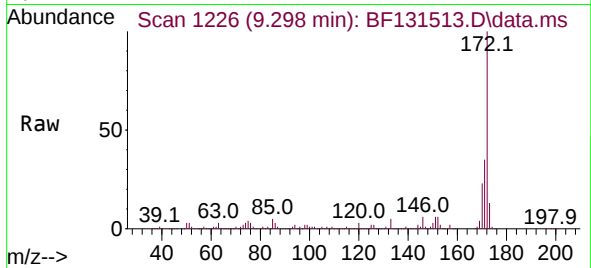
Tgt Ion:196 Resp: 227429
Ion Ratio Lower Upper
196 100
198 95.8 76.6 114.8
97 47.5 40.6 61.0
132 24.3 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 86.945 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

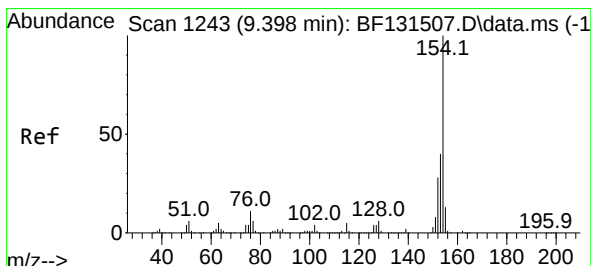
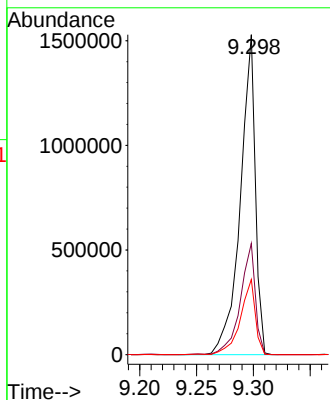
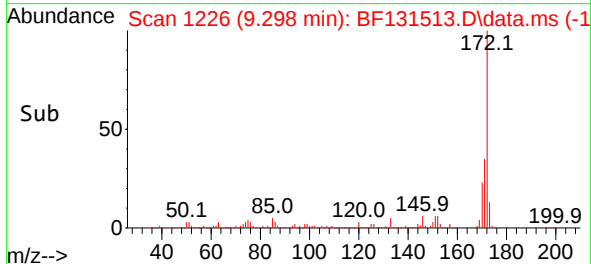
Instrument :
BNA_F
ClientSampleId :
PB149409BS



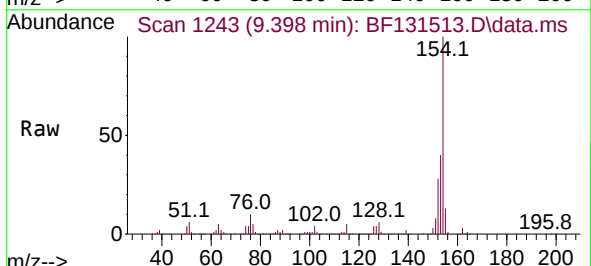
Tgt Ion:172 Resp: 1406458
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.5 18.7 28.1

Manual Integrations
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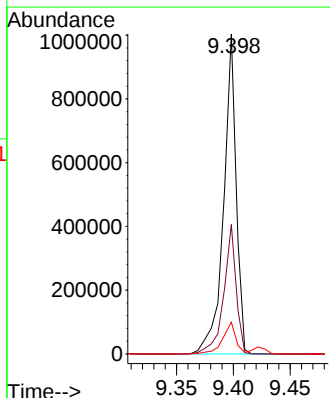
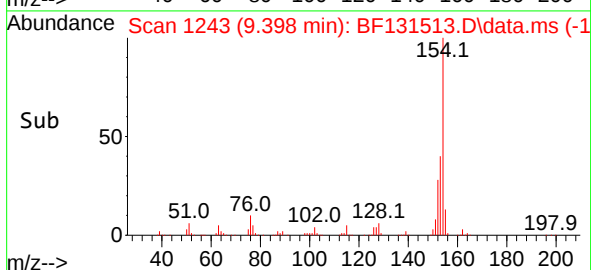
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

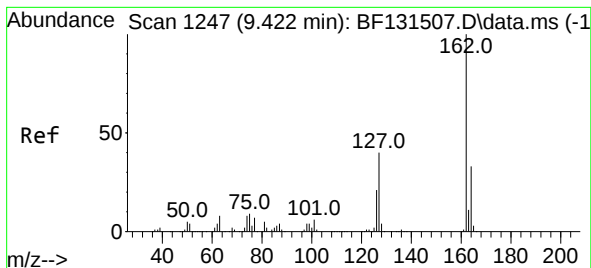


#46
1,1'-Biphenyl
Concen: 45.990 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:154 Resp: 769572
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 9.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 44.380 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

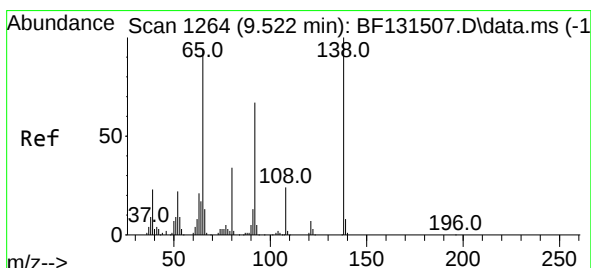
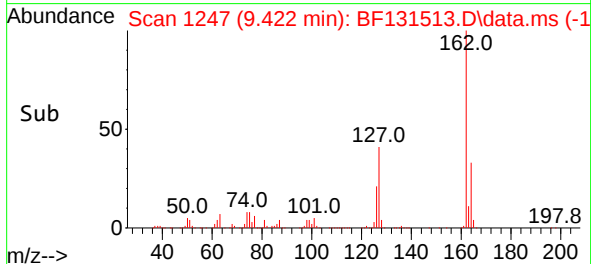
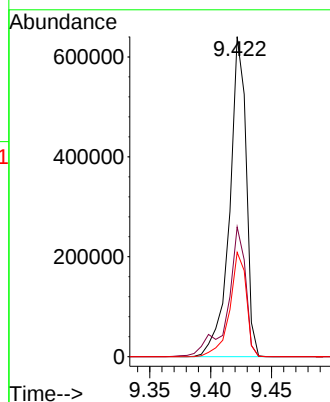
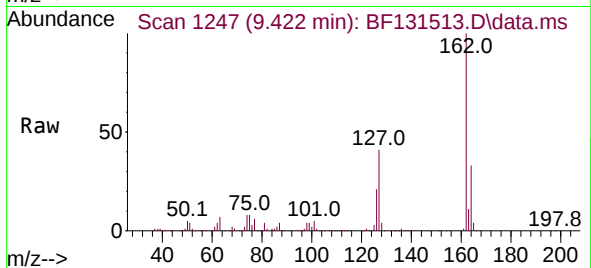
Tgt Ion:162 Resp: 606634

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	48.8
164	32.6	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#48

2-Nitroaniline

Concen: 39.705 ng

RT: 9.522 min Scan# 1264

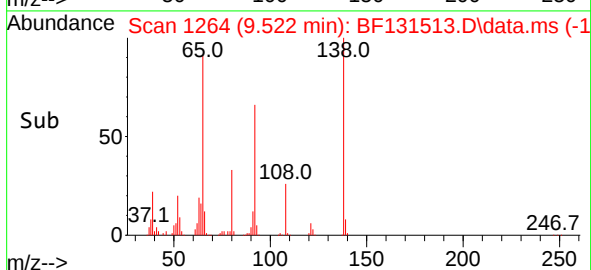
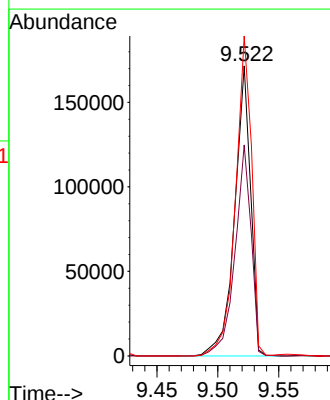
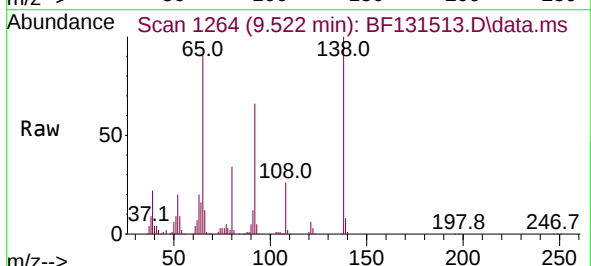
Delta R.T. -0.000 min

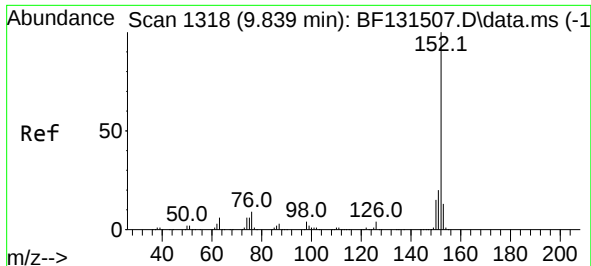
Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion: 65 Resp: 156815

Ion	Ratio	Lower	Upper
65	100		
92	72.7	57.4	86.0
138	110.3	85.4	128.0





#49

Acenaphthylene

Concen: 44.464 ng

RT: 9.845 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

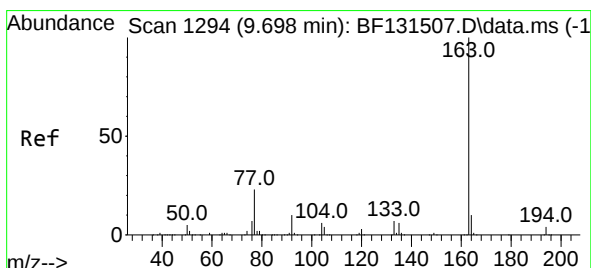
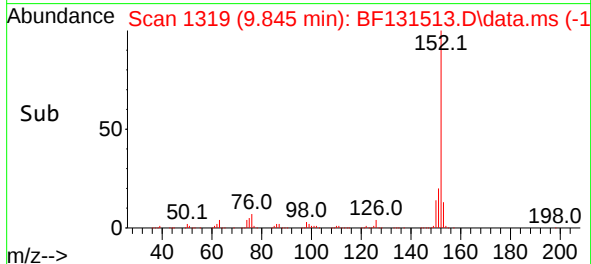
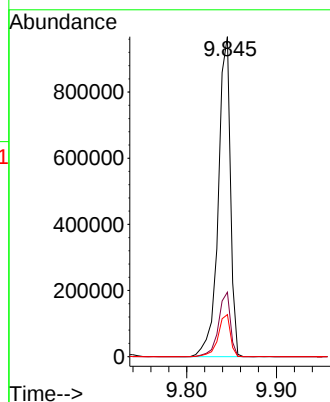
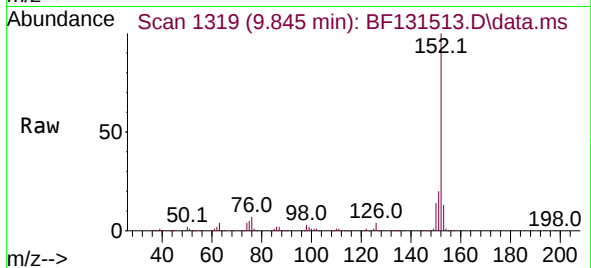
PB149409BS

Tgt Ion:152 Resp: 907875
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.8 23.8
 153 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#50

Dimethylphthalate

Concen: 45.340 ng

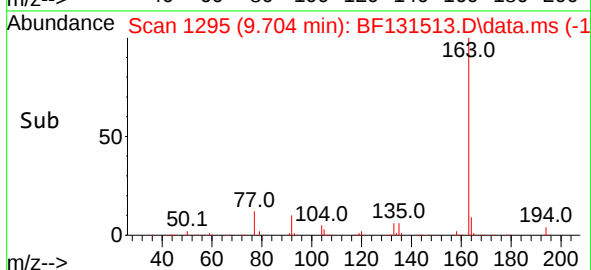
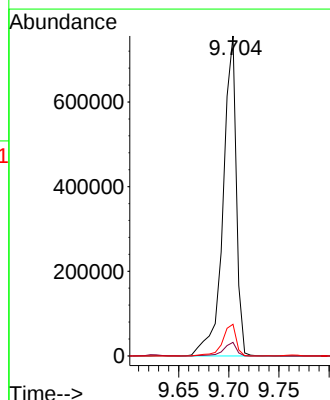
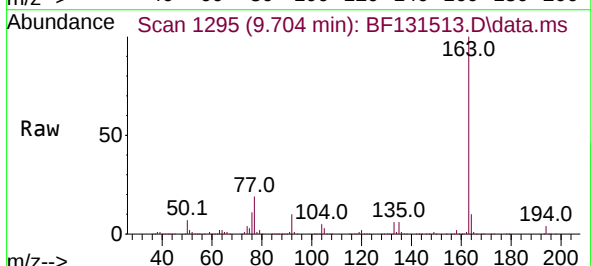
RT: 9.704 min Scan# 1295

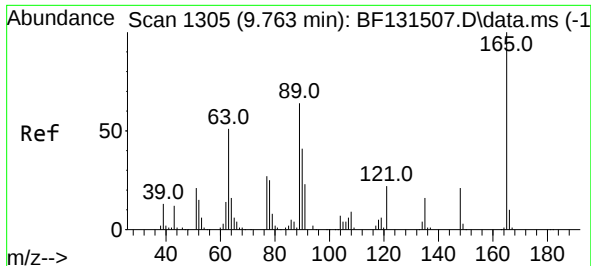
Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion:163 Resp: 695427
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.1 4.7
 164 9.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 46.878 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion:165 Resp: 153634

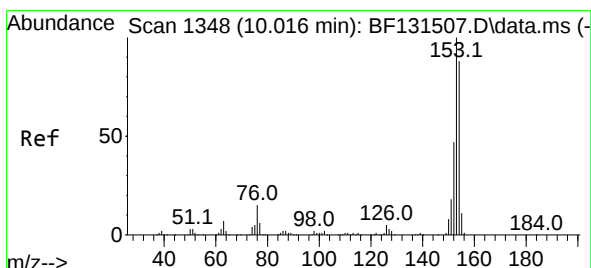
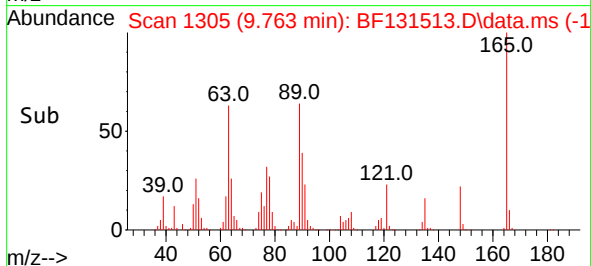
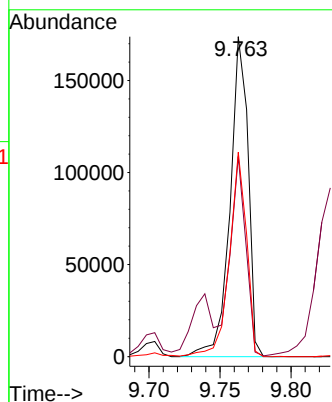
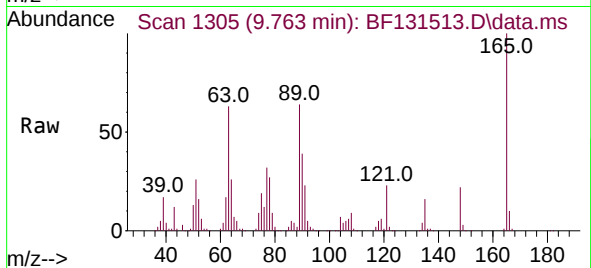
Ion	Ratio	Lower	Upper
165	100		
63	62.5	50.1	75.1
89	63.9	51.3	76.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#52

Acenaphthene

Concen: 49.331 ng m

RT: 10.016 min Scan# 1348

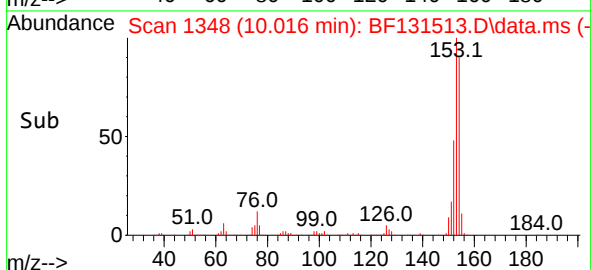
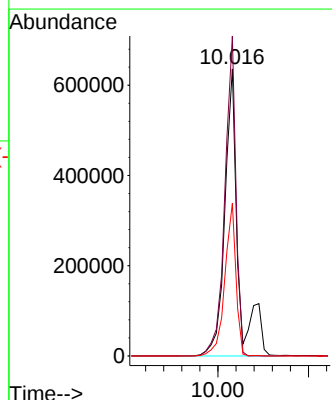
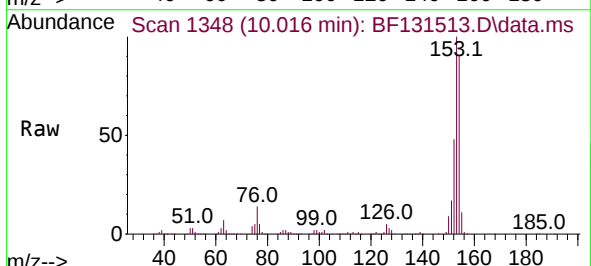
Delta R.T. 0.000 min

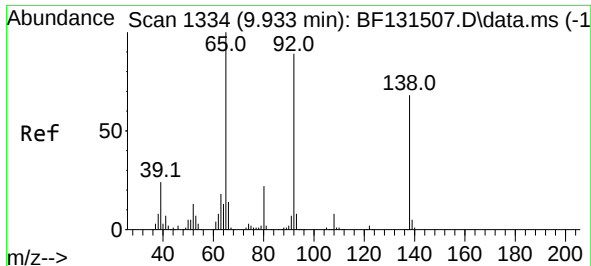
Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion:154 Resp: 653496

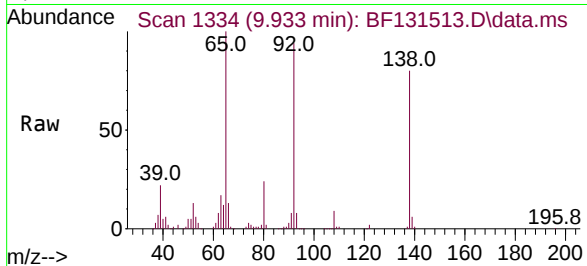
Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.9	136.3
152	53.2	43.1	64.7





#53
3-Nitroaniline
Concen: 20.354 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

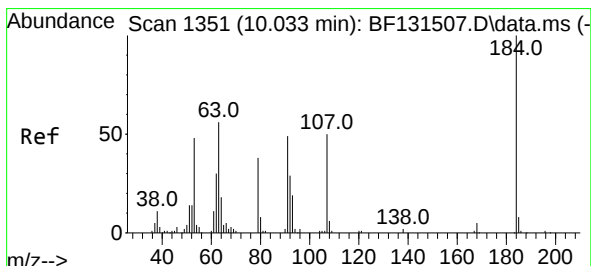
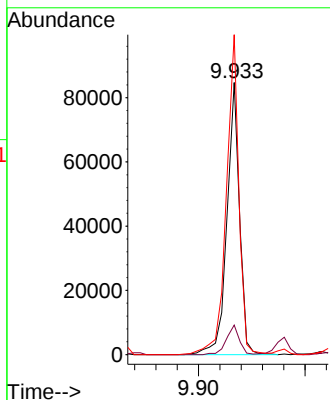
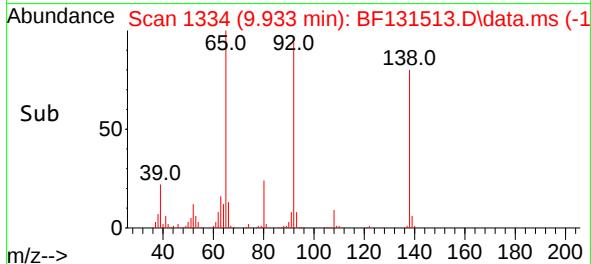
Instrument :
BNA_F
ClientSampleId :
PB149409BS



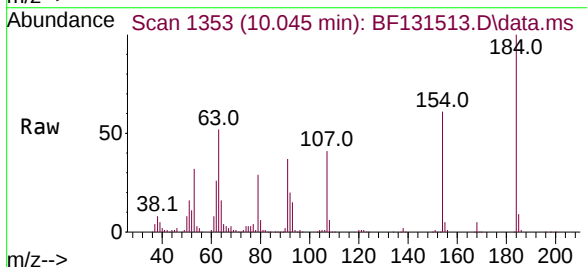
Tgt Ion:138 Resp: 69823
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.2
92 117.6 104.8 157.2

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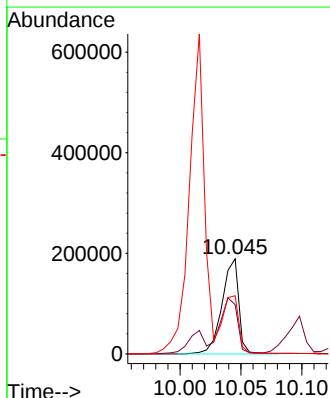
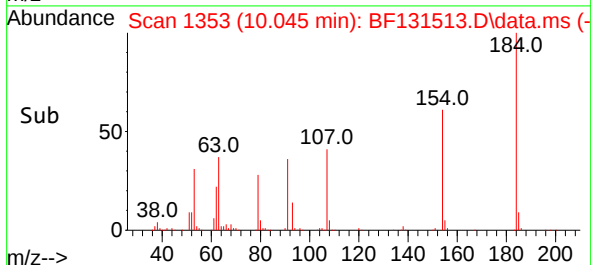
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

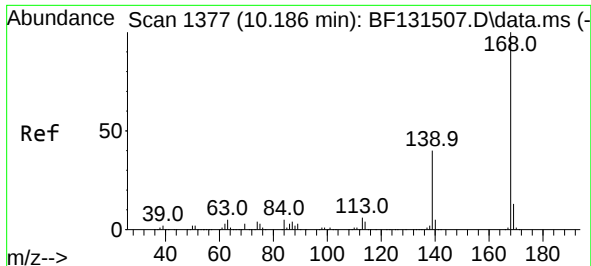


#54
2,4-Dinitrophenol
Concen: 110.177 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



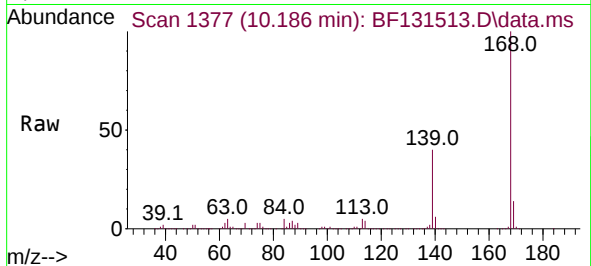
Tgt Ion:184 Resp: 181178
Ion Ratio Lower Upper
184 100
63 51.7 61.2 91.8#
154 61.2 53.1 79.7





#55
Dibenzofuran
Concen: 45.276 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

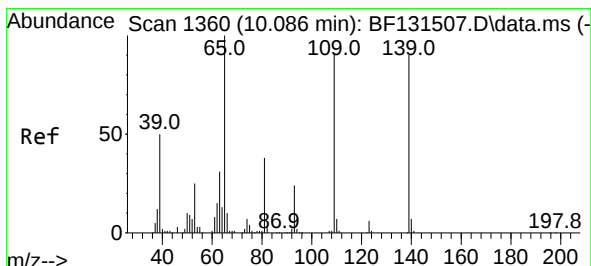
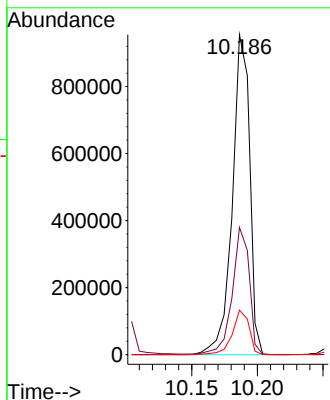
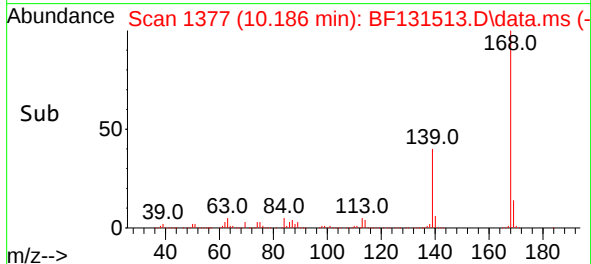
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion:168 Resp: 875575
Ion Ratio Lower Upper
168 100
139 39.8 31.8 47.8
169 13.9 10.6 15.8

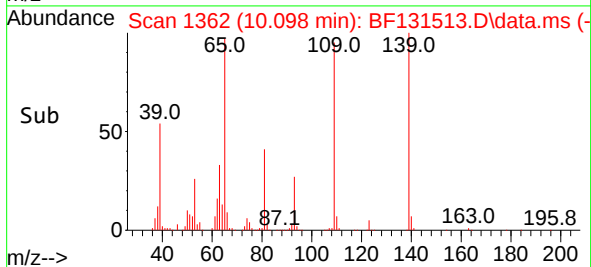
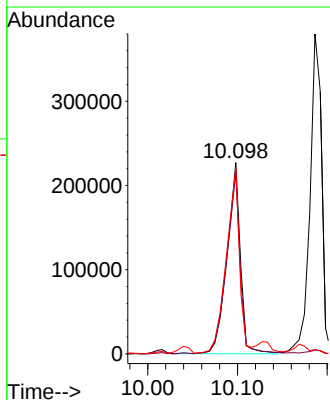
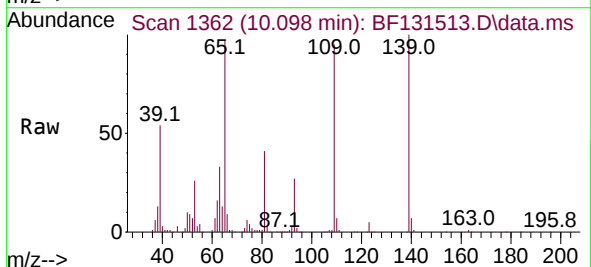
Manual Integrations
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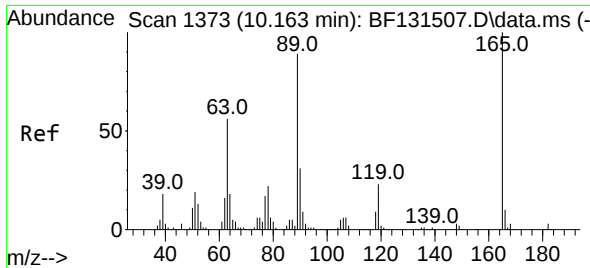
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#56
4-Nitrophenol
Concen: 98.757 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:139 Resp: 236412
Ion Ratio Lower Upper
139 100
109 94.8 81.1 121.1
65 97.4 91.5 131.5





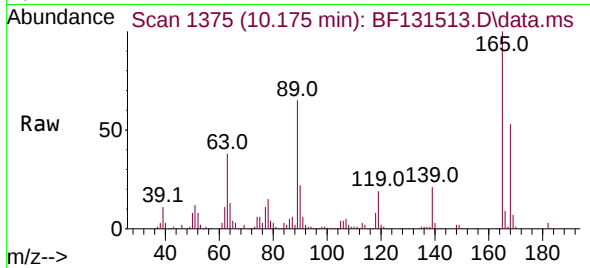
#57
2,4-Dinitrotoluene
Concen: 49.774 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.012 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

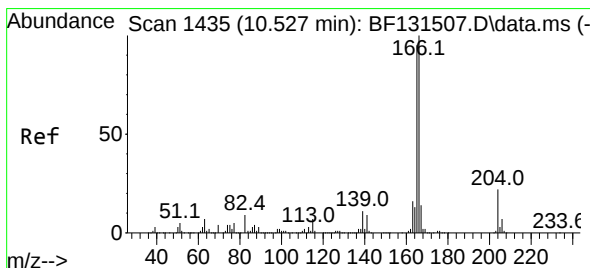
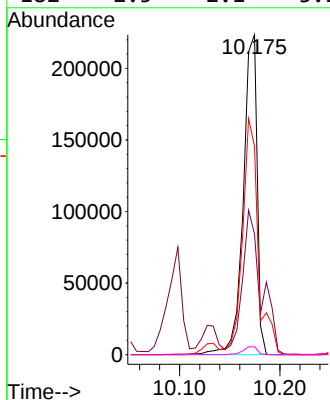
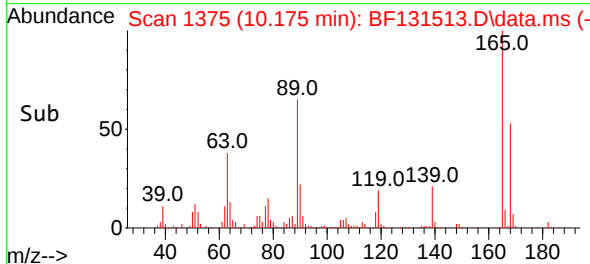


Tgt Ion:165 Resp: 214039
Ion Ratio Lower Upper
165 100
63 37.7 45.3 67.9
89 65.0 71.0 106.4
182 2.5 2.1 3.1

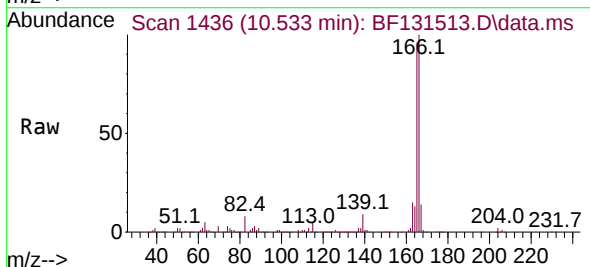
Manual Integrations

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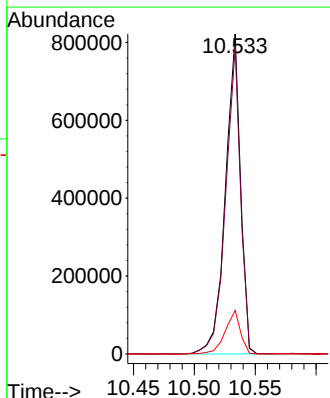
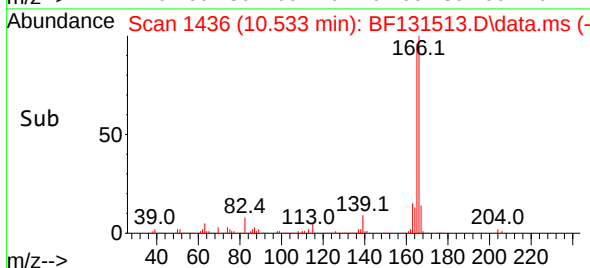
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

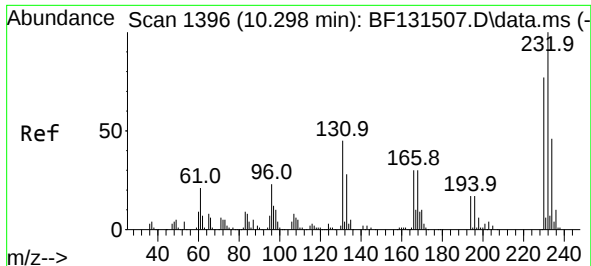


#58
Fluorene
Concen: 44.414 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:166 Resp: 708774
Ion Ratio Lower Upper
166 100
165 95.7 75.7 113.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.469 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

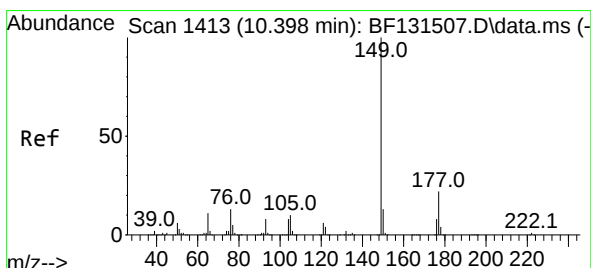
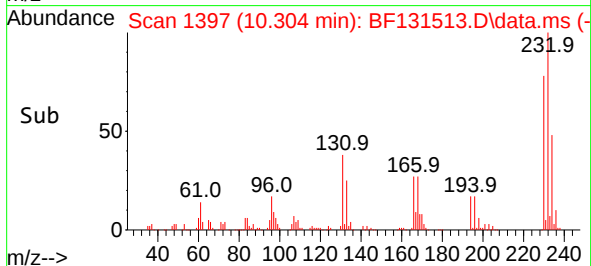
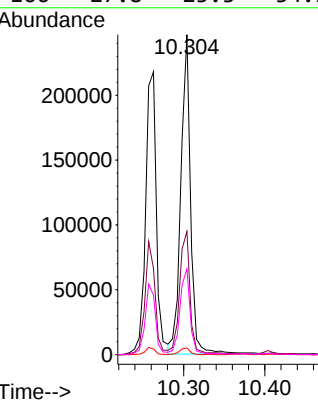
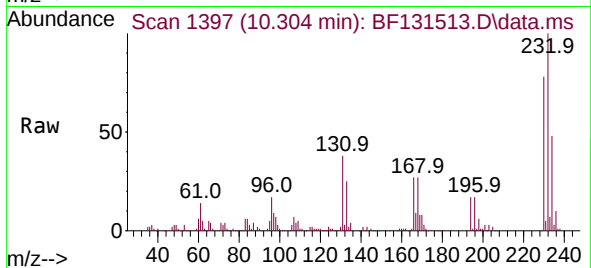
PB149409BS

Tgt Ion:232 Resp: 203531
Ion Ratio Lower Upper
232 100
131 41.1 34.8 52.2
130 2.2 1.8 2.6
166 27.8 23.3 34.9

Manual Integrations

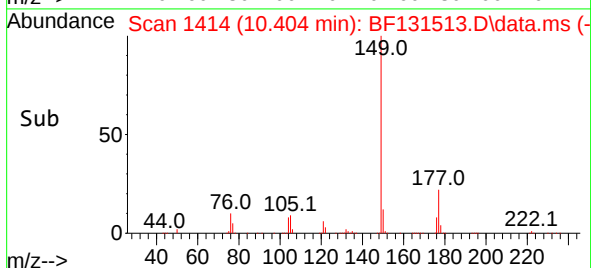
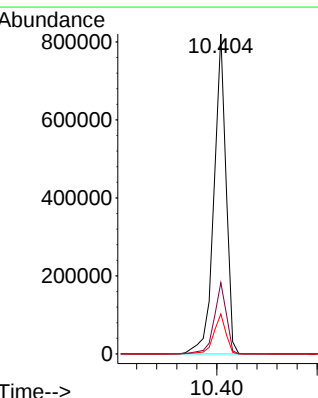
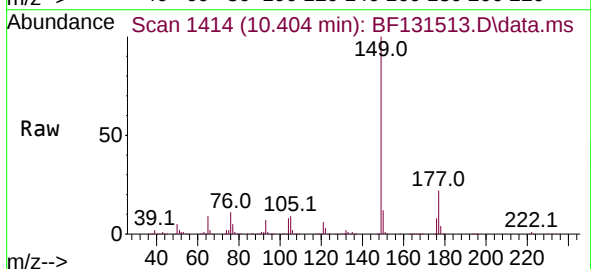
APPROVED

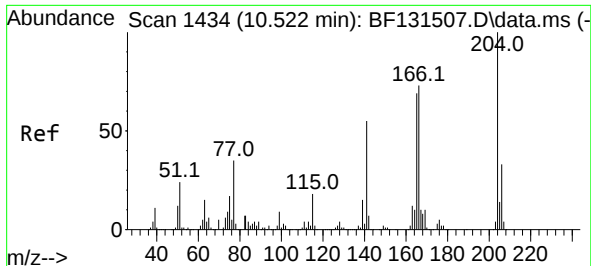
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#60
Diethylphthalate
Concen: 45.381 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

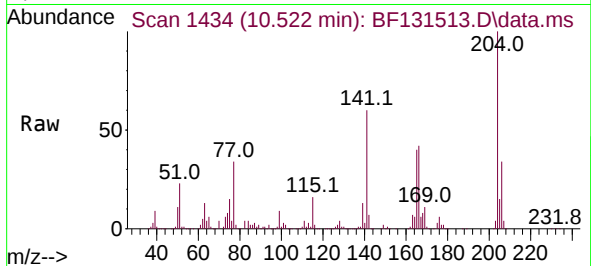
Tgt Ion:149 Resp: 686291
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.267 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

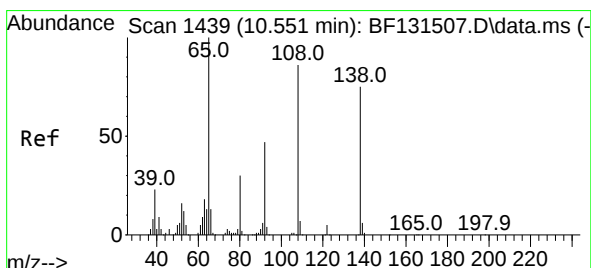
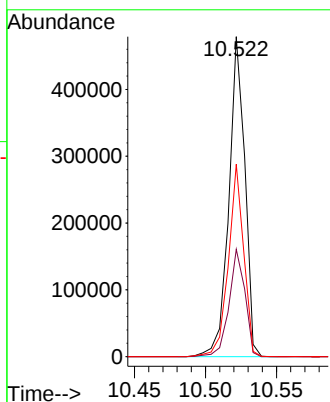
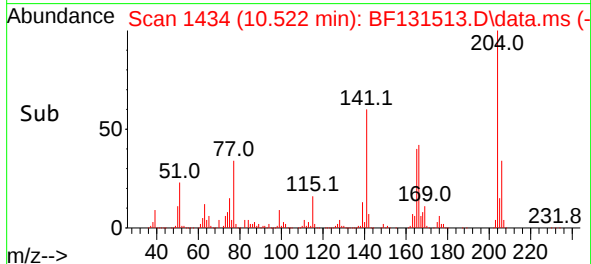
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion:204 Resp: 373682
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 60.1 44.4 66.6

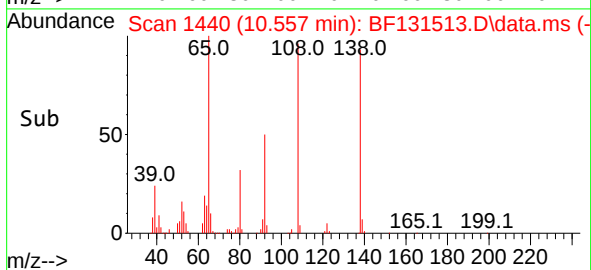
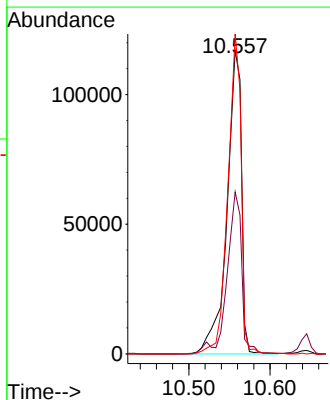
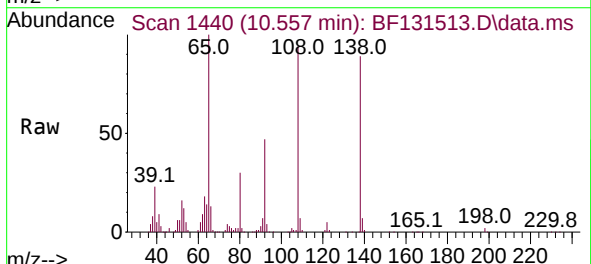
Manual Integrations
APPROVED

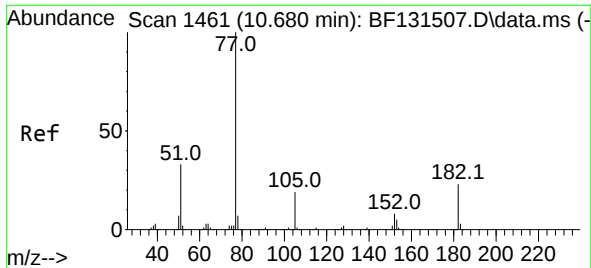
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#62
4-Nitroaniline
Concen: 42.560 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

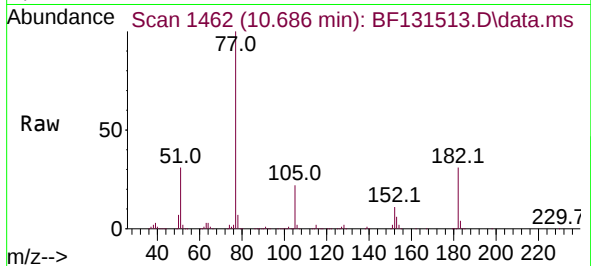
Tgt Ion:138 Resp: 145568
Ion Ratio Lower Upper
138 100
92 53.4 42.7 82.7
108 105.5 95.0 135.0





#63
Azobenzene
Concen: 39.643 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

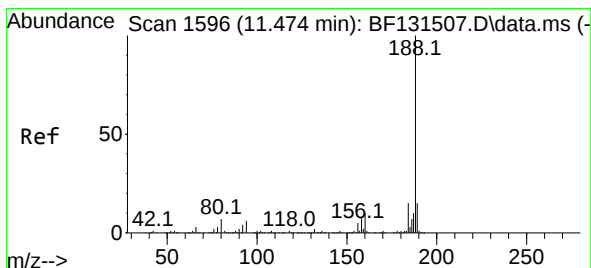
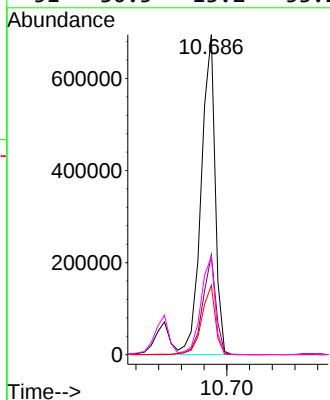
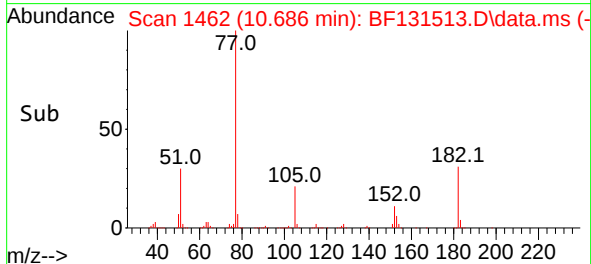
Instrument :
BNA_F
ClientSampleId :
PB149409BS



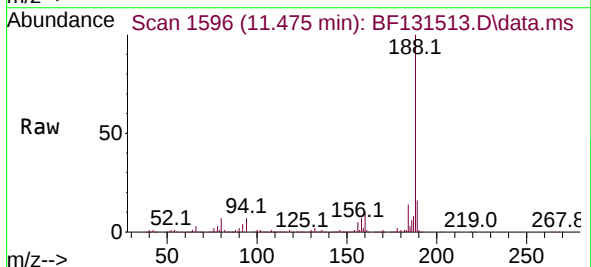
Tgt Ion: 77 Resp: 59117
Ion Ratio Lower Upper
77 100
182 31.2 2.6 42.6
105 21.6 0.0 39.1
51 30.5 13.2 53.2

Manual Integrations
APPROVED

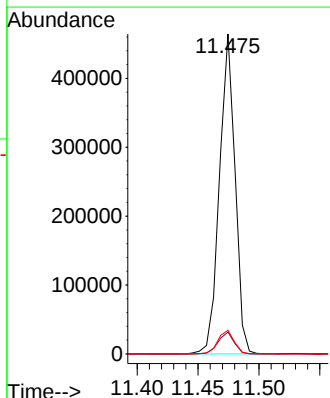
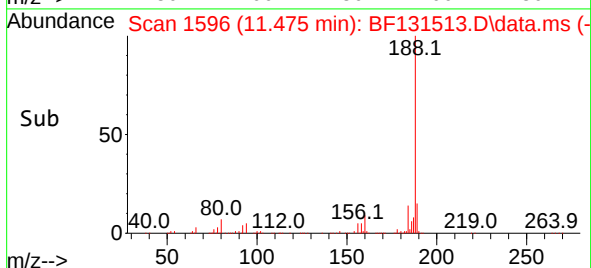
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

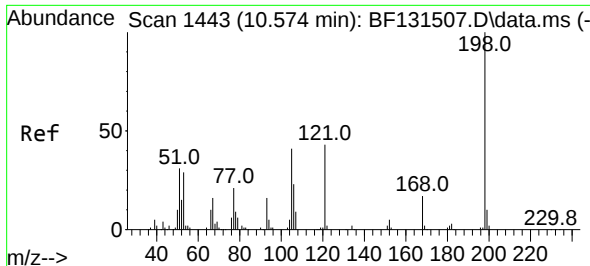


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:188 Resp: 413326
Ion Ratio Lower Upper
188 100
94 6.8 5.1 7.7
80 7.4 5.9 8.9





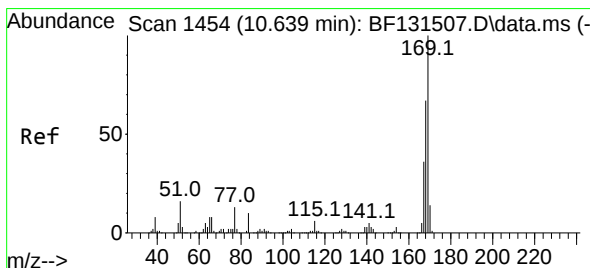
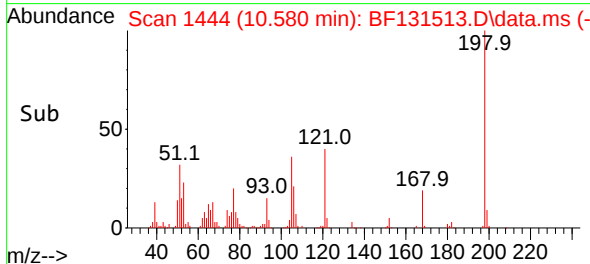
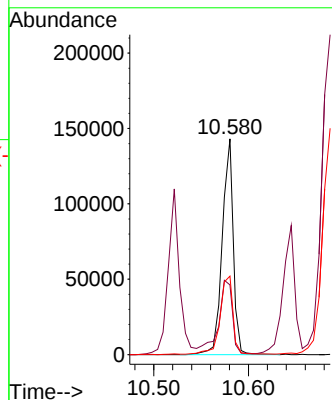
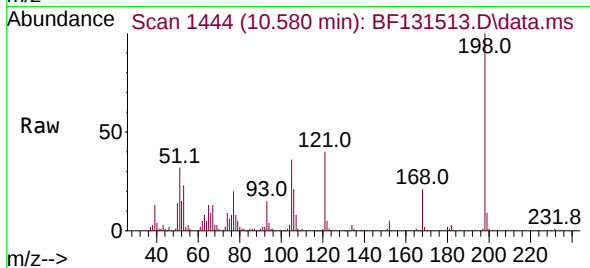
#65
4,6-Dinitro-2-methylphenol
Concen: 50.919 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Tgt Ion:198 Resp: 115482
Ion Ratio Lower Upper
198 100
51 32.3 19.7 59.7
105 36.4 21.9 61.9

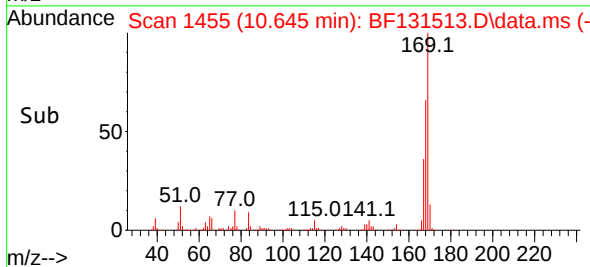
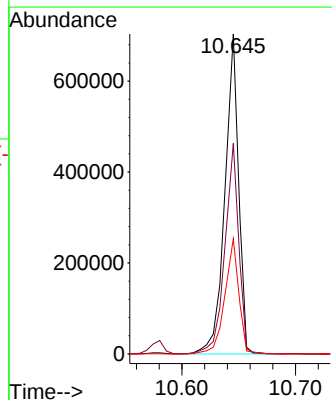
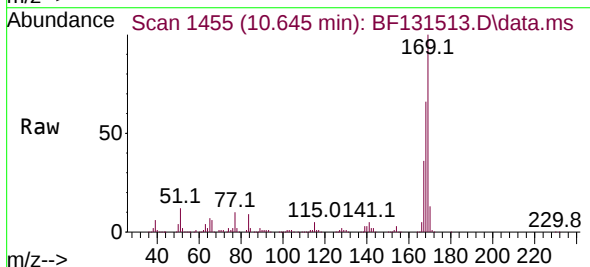
Manual Integrations
APPROVED

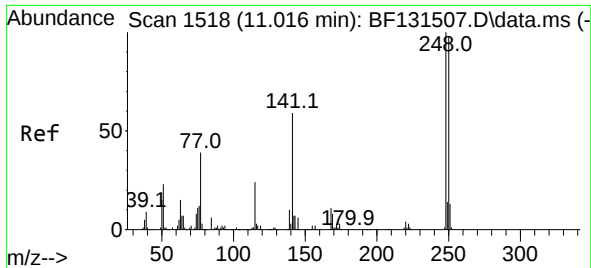
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#66
n-Nitrosodiphenylamine
Concen: 45.487 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:169 Resp: 590055
Ion Ratio Lower Upper
169 100
168 65.8 53.7 80.5
167 36.0 28.4 42.6





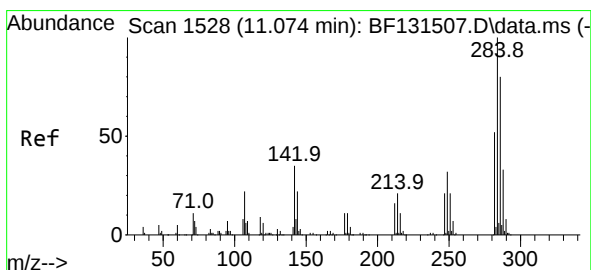
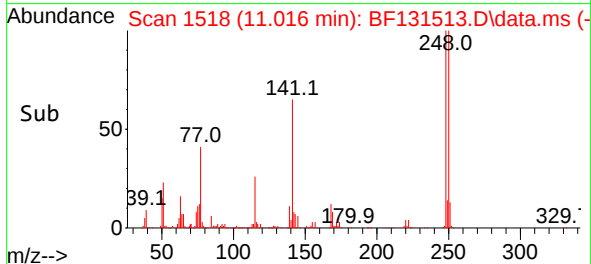
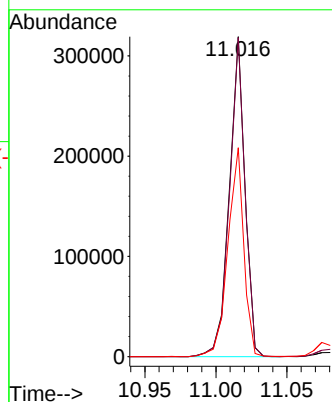
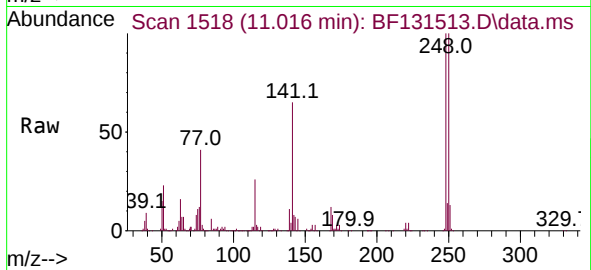
#67
4-Bromophenyl-phenylether
Concen: 47.393 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Tgt Ion:248 Resp: 245081
Ion Ratio Lower Upper
248 100
250 99.7 78.6 117.8
141 65.3 47.1 70.7

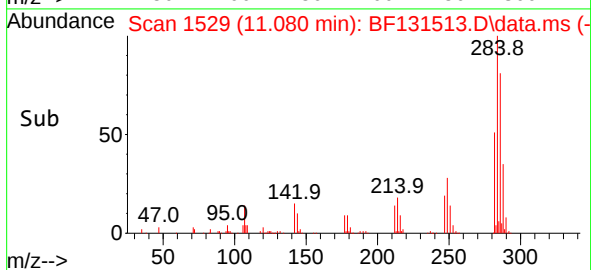
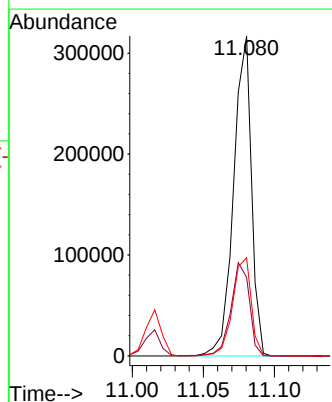
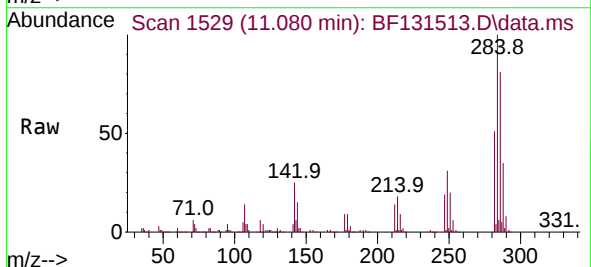
Manual Integrations
APPROVED

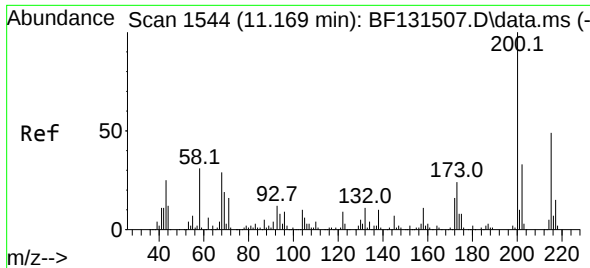
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#68
Hexachlorobenzene
Concen: 48.217 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

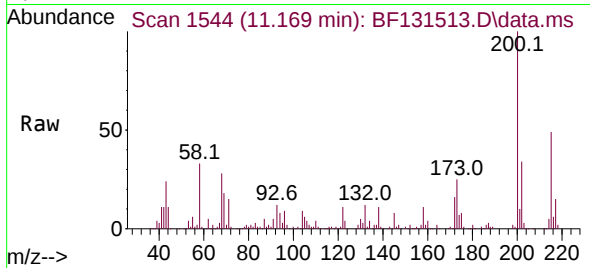
Tgt Ion:284 Resp: 276334
Ion Ratio Lower Upper
284 100
142 24.6 28.2 42.4#
249 30.7 25.8 38.8





#69
 Atrazine
 Concen: 41.012 ng
 RT: 11.169 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

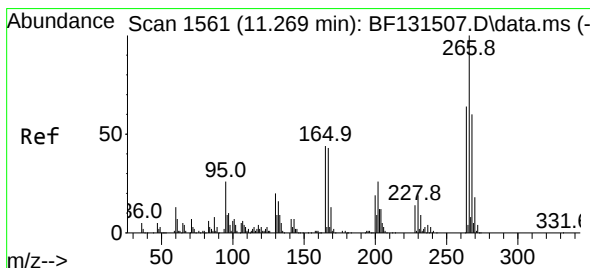
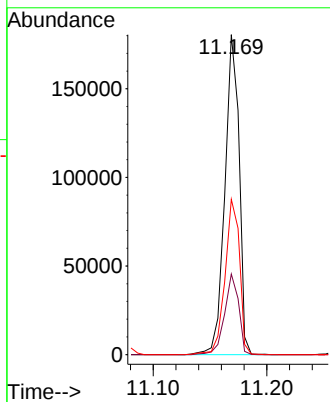
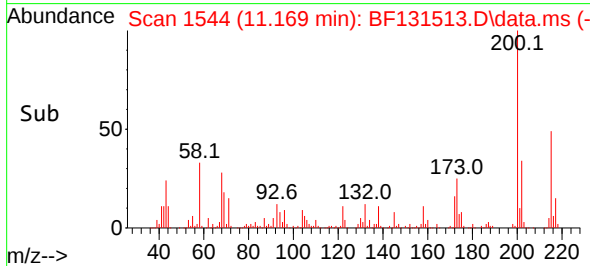
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS



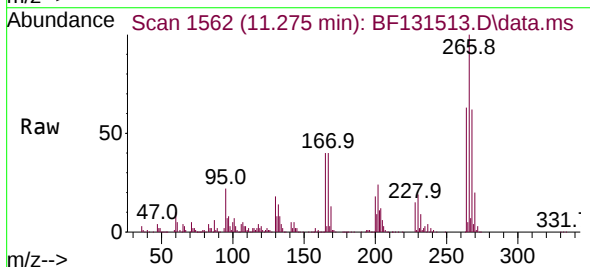
Tgt Ion:200 Resp: 157312
 Ion Ratio Lower Upper
 200 100
 173 25.2 4.4 44.4
 215 48.5 29.3 69.3

Manual Integrations
 APPROVED

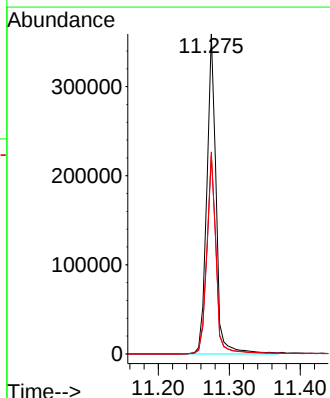
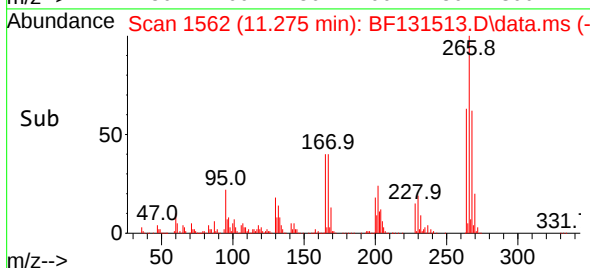
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022

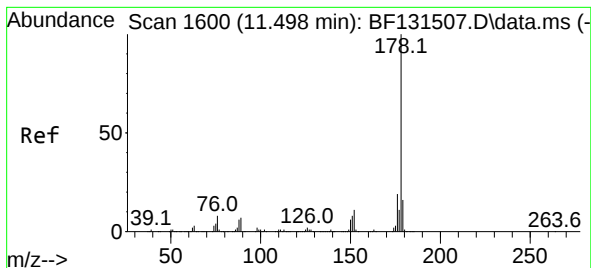


#70
 Pentachlorophenol
 Concen: 106.124 ng
 RT: 11.275 min Scan# 1562
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25



Tgt Ion:266 Resp: 325659
 Ion Ratio Lower Upper
 266 100
 268 62.0 48.0 72.0
 264 63.1 51.4 77.0





#71

Phenanthrene

Concen: 45.414 ng

RT: 11.504 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion:178 Resp: 1043035

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

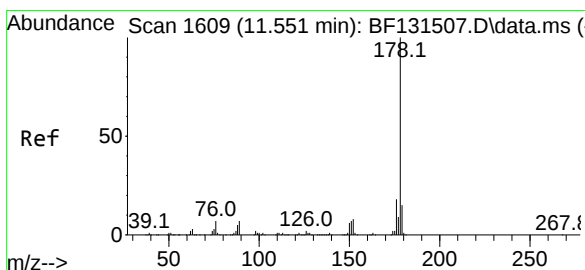
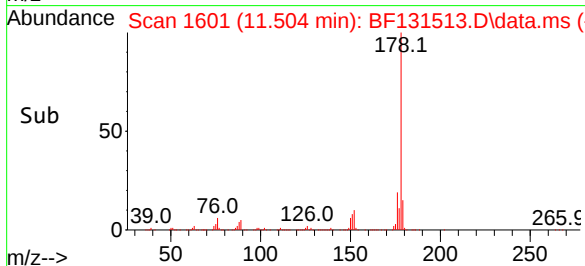
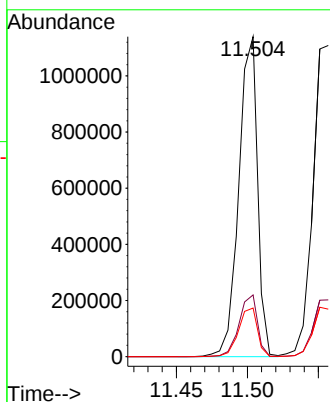
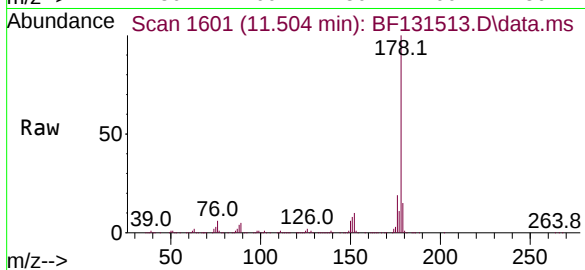
179 15.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#72

Anthracene

Concen: 46.771 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

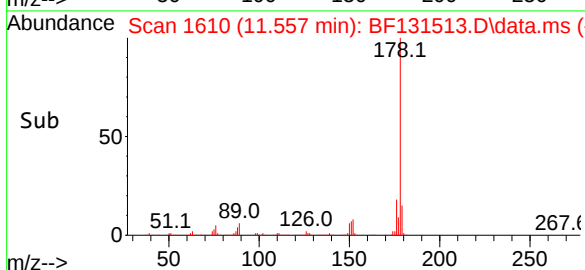
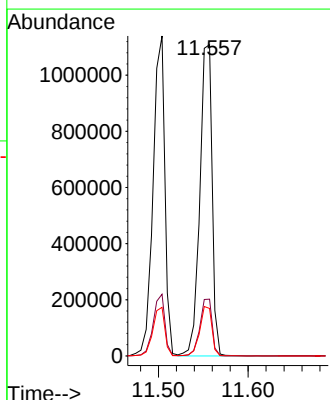
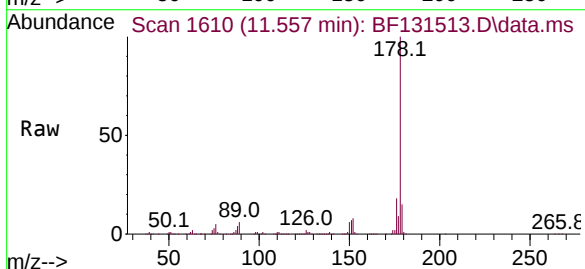
Tgt Ion:178 Resp: 1056089

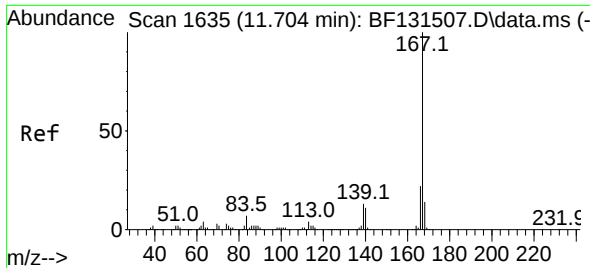
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

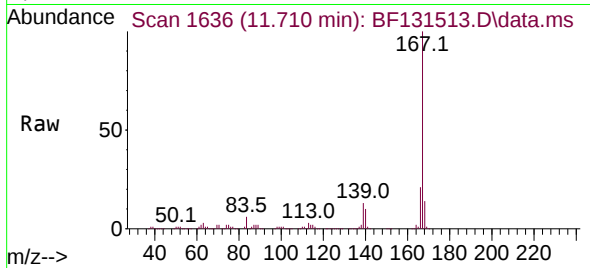
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 48.053 ng
 RT: 11.710 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

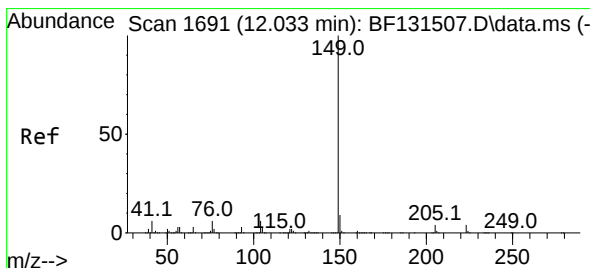
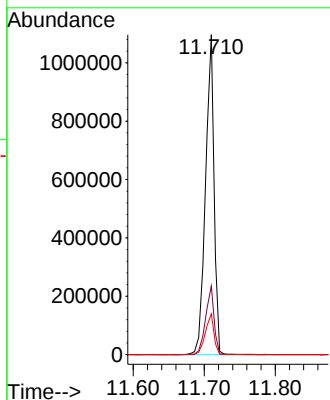
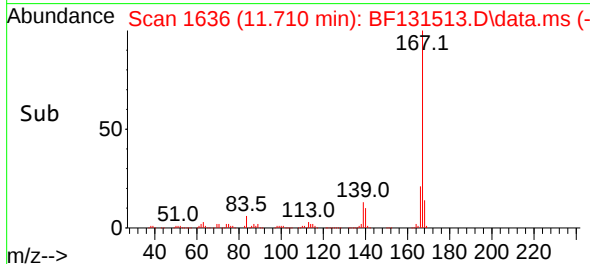
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS



Tgt Ion:167 Resp: 913428
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 12.7 10.6 15.8

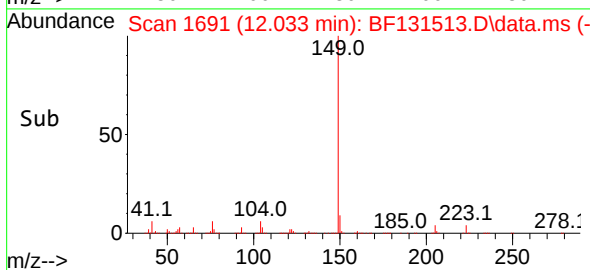
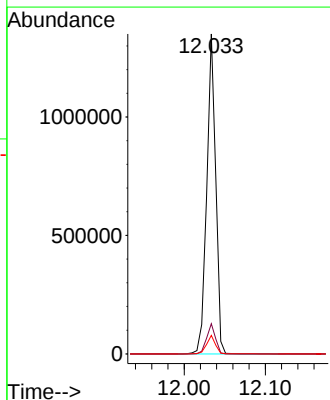
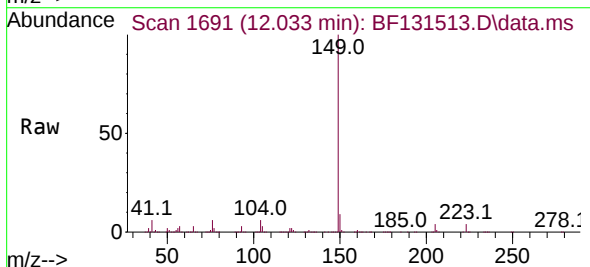
Manual Integrations
 APPROVED

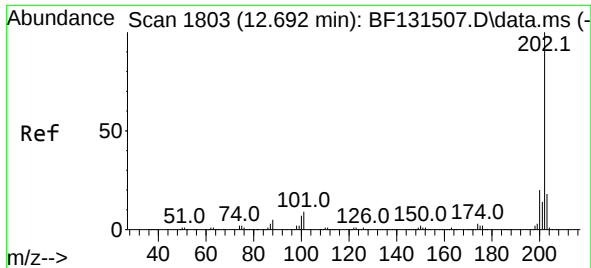
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#74
 Di-n-butylphthalate
 Concen: 48.847 ng
 RT: 12.033 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

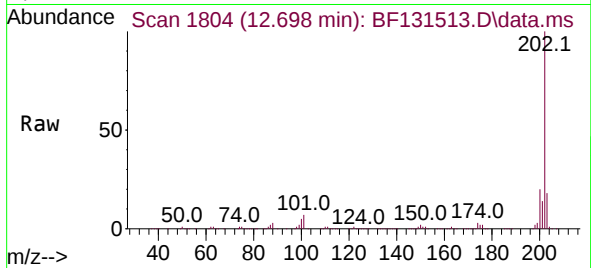
Tgt Ion:149 Resp: 1036683
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.8 4.7 7.1





#75
Fluoranthene
Concen: 46.744 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

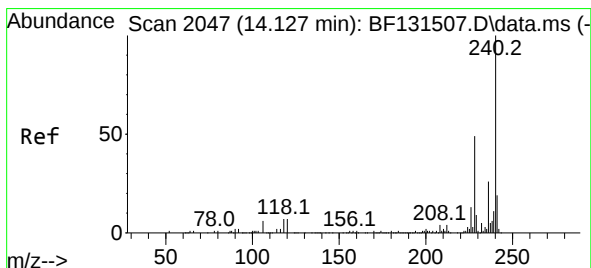
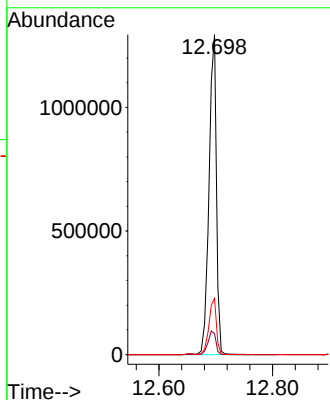
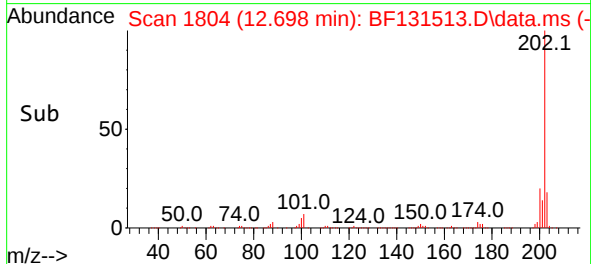
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion:202 Resp: 1181546
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.5
203 17.6 0.0 37.6

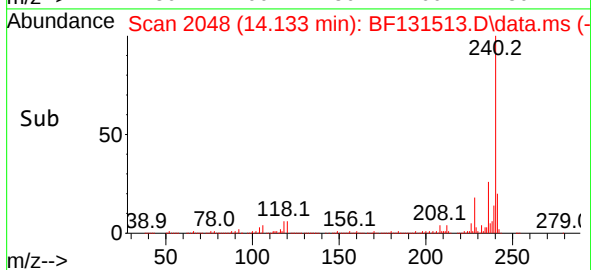
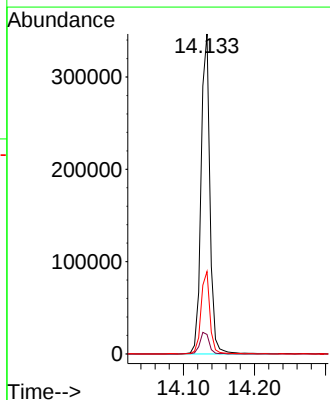
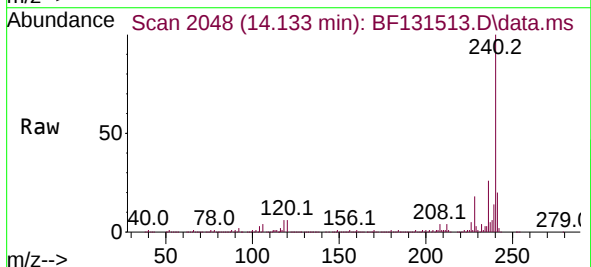
Manual Integrations
APPROVED

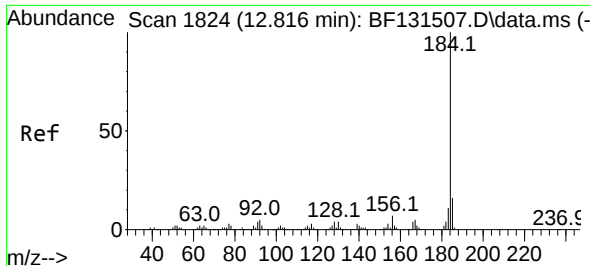
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

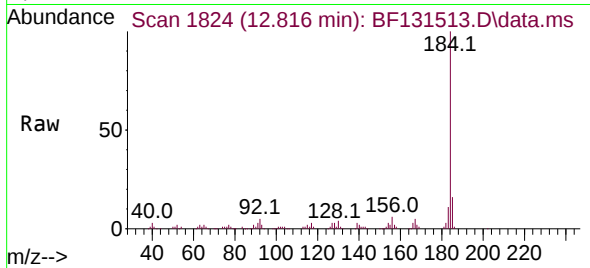
Tgt Ion:240 Resp: 297888
Ion Ratio Lower Upper
240 100
120 6.1 5.6 8.4
236 25.7 20.6 31.0





#77
Benzidine
Concen: 18.137 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

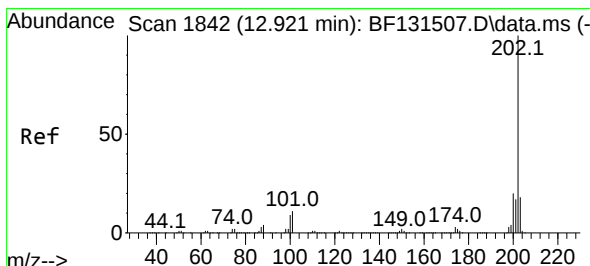
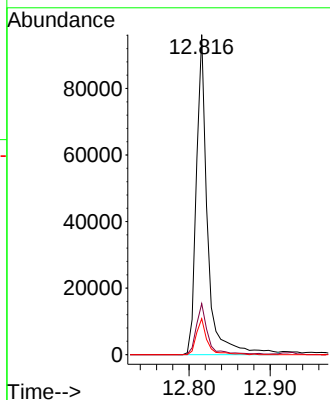
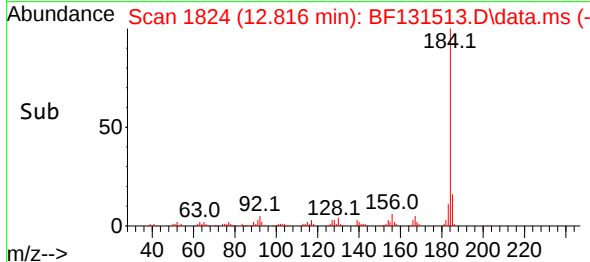
Instrument :
BNA_F
ClientSampleId :
PB149409BS



Tgt Ion:184 Resp: 91233
Ion Ratio Lower Upper
184 100
185 15.9 12.6 19.0
183 11.2 9.0 13.4

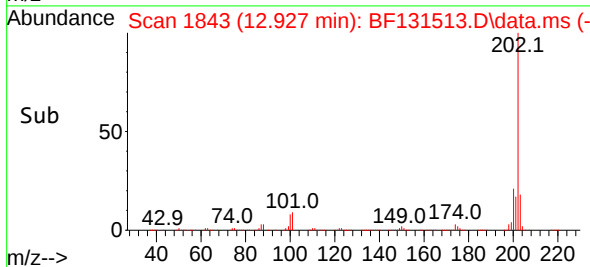
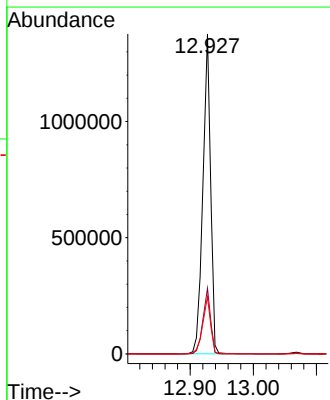
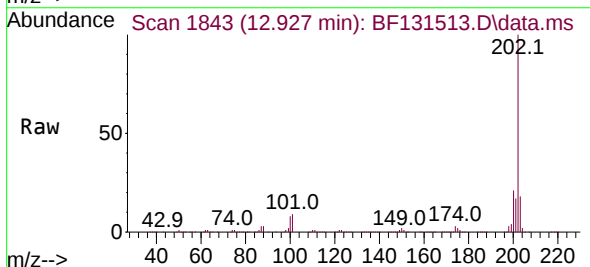
Manual Integrations
APPROVED

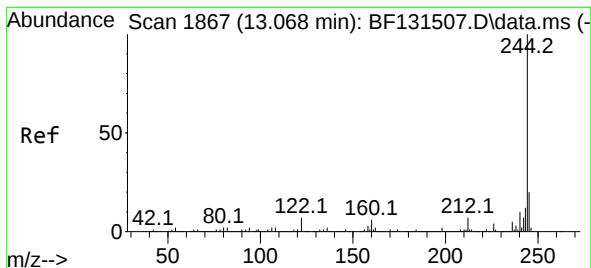
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#78
Pyrene
Concen: 43.779 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:202 Resp: 1168057
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 98.188 ng

RT: 13.069 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion:244 Resp: 1936800

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

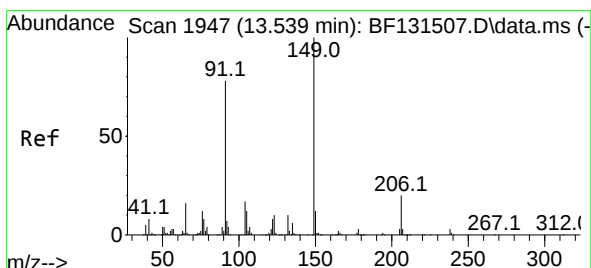
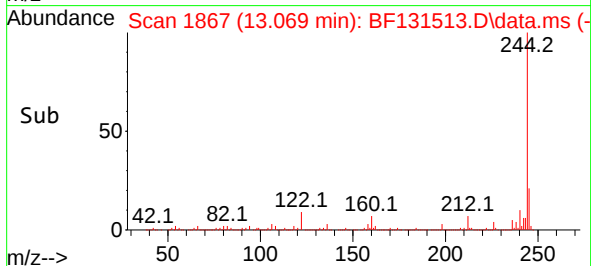
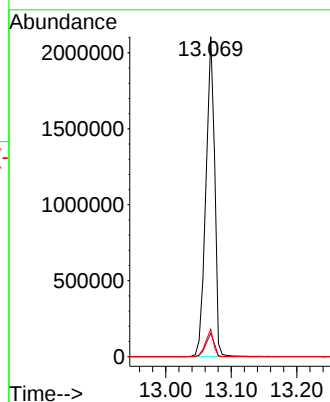
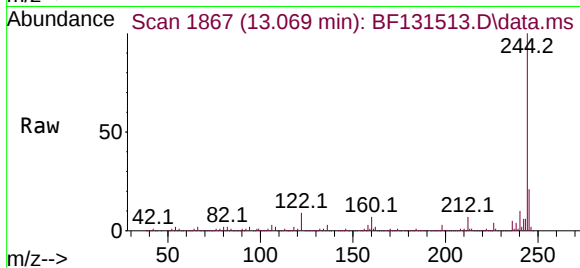
122 8.6 5.4 8.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#80

Butylbenzylphthalate

Concen: 54.914 ng

RT: 13.545 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

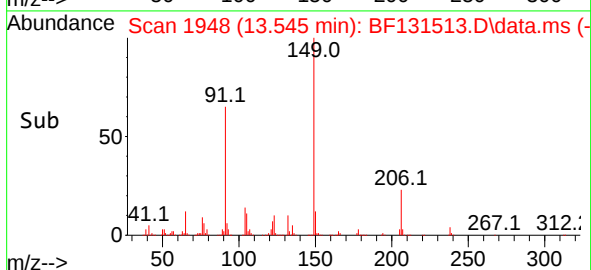
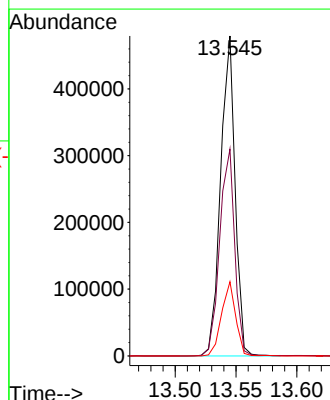
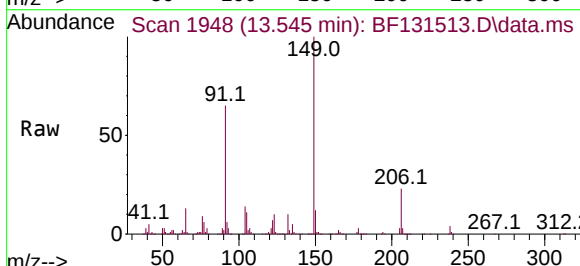
Tgt Ion:149 Resp: 395209

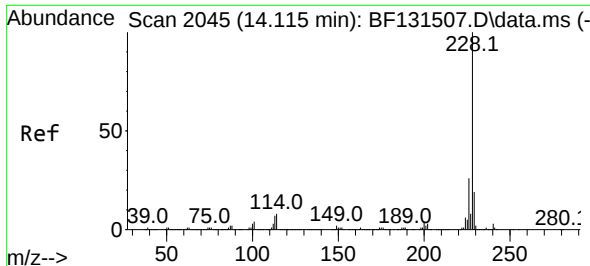
Ion Ratio Lower Upper

149 100

91 64.6 62.5 93.7

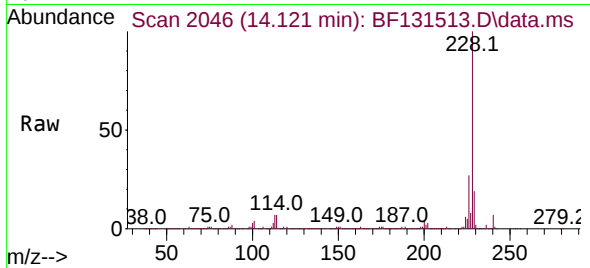
206 23.2 16.1 24.1





#81
Benzo(a)anthracene
Concen: 45.502 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

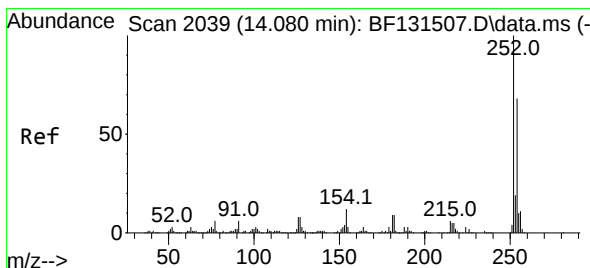
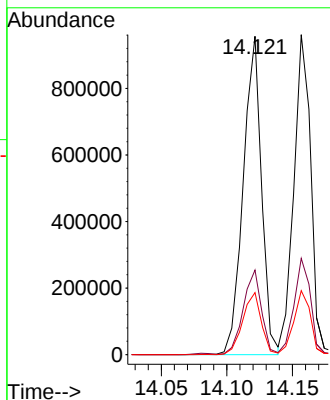
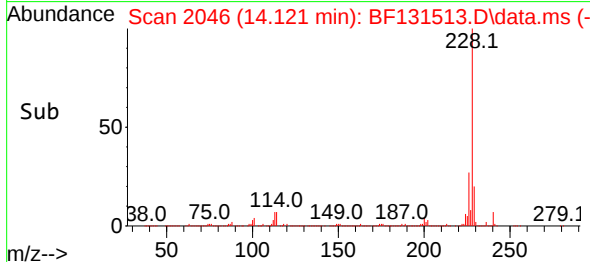
Instrument :
BNA_F
ClientSampleId :
PB149409BS



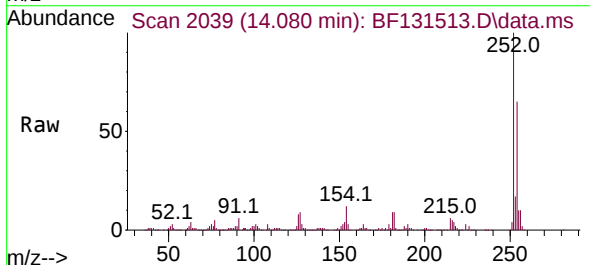
Tgt Ion:228 Resp: 925643
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 19.5 15.5 23.3

Manual Integrations
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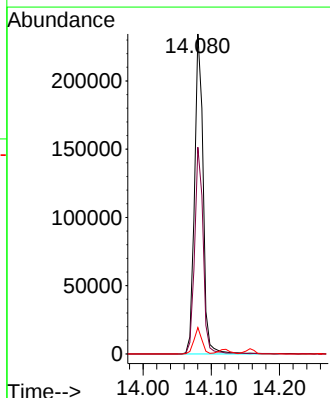
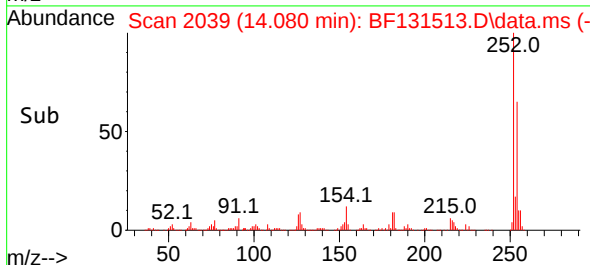
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

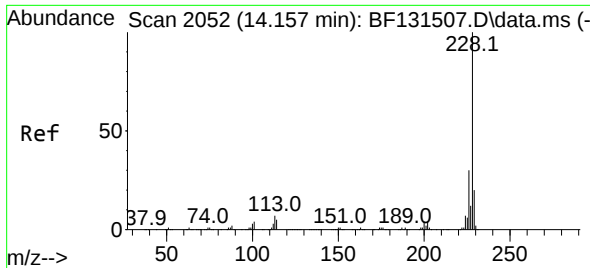


#82
3,3'-Dichlorobenzidine
Concen: 37.127 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



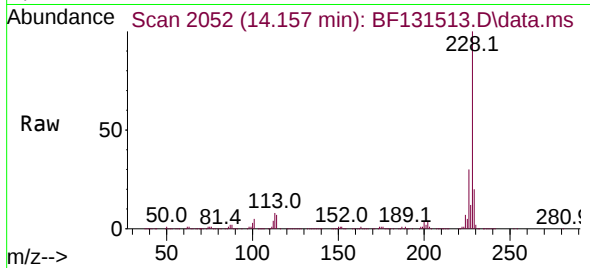
Tgt Ion:252 Resp: 204536
Ion Ratio Lower Upper
252 100
254 64.6 54.3 81.5
126 8.2 6.3 9.5





#83
Chrysene
Concen: 44.765 ng
RT: 14.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

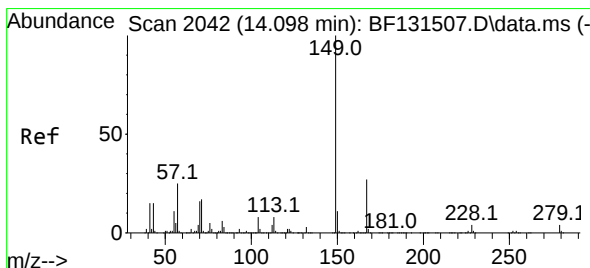
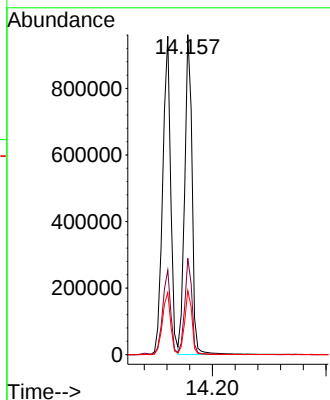
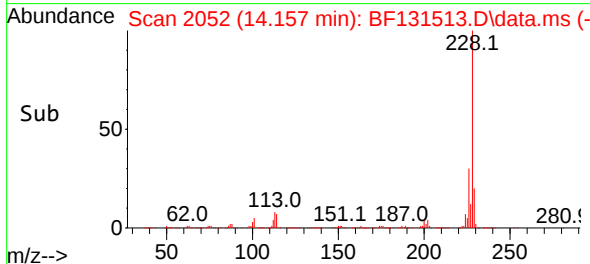
Instrument :
BNA_F
ClientSampleId :
PB149409BS



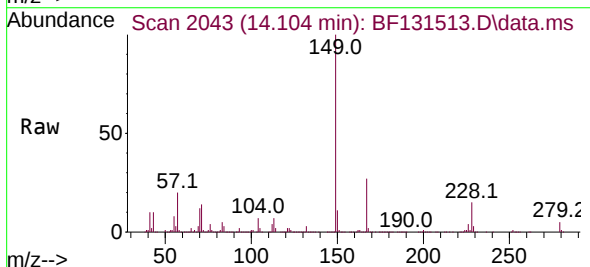
Tgt Ion:228 Resp: 875476
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 20.0 15.9 23.9

Manual Integrations
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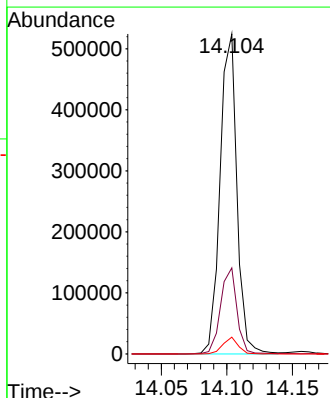
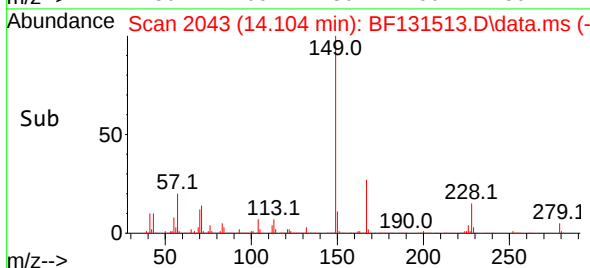
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

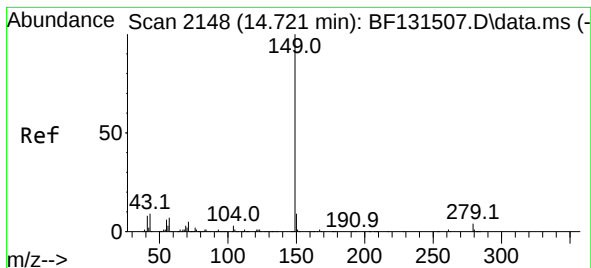


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.447 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:149 Resp: 470077
Ion Ratio Lower Upper
149 100
167 26.9 21.7 32.5
279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.422 ng

RT: 14.727 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion:149 Resp: 578562

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

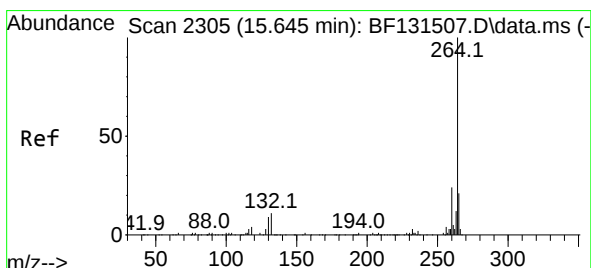
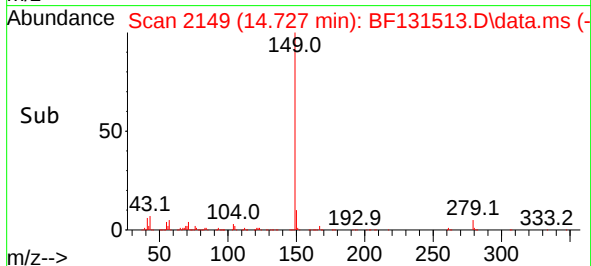
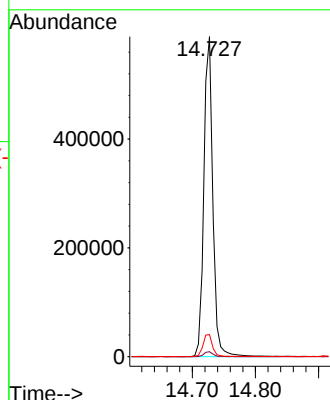
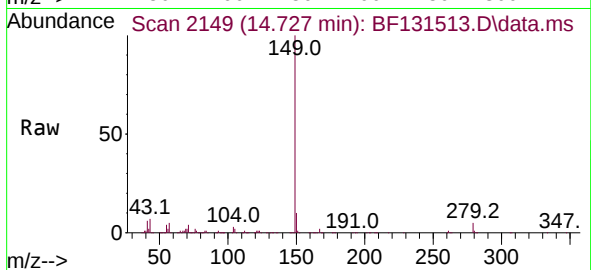
43 7.4 7.4 11.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

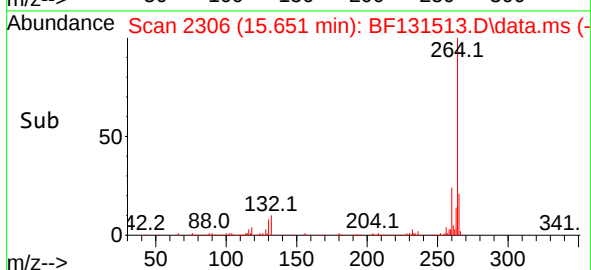
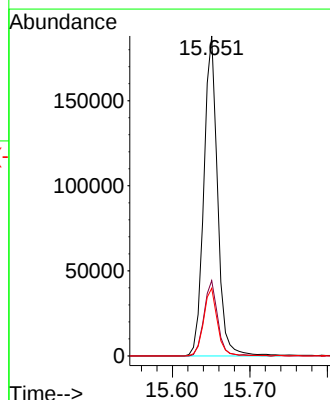
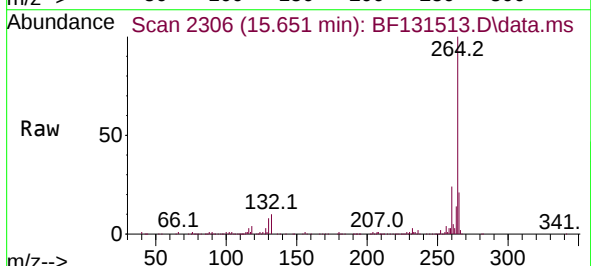
Tgt Ion:264 Resp: 231068

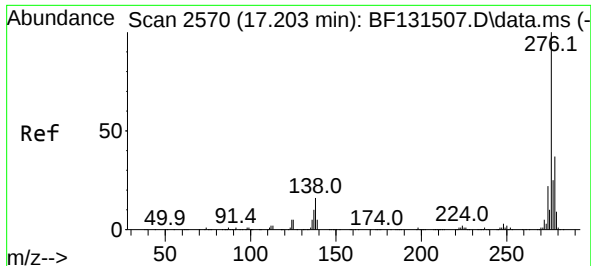
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.1 17.0 25.4





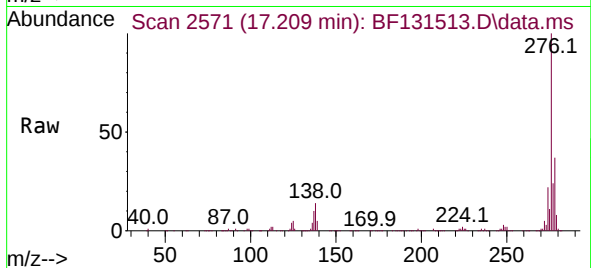
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.277 ng
RT: 17.209 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

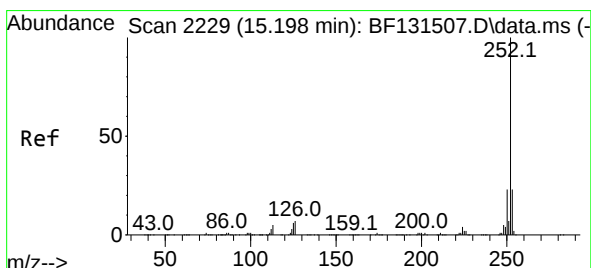
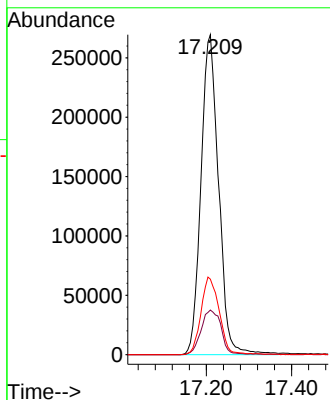
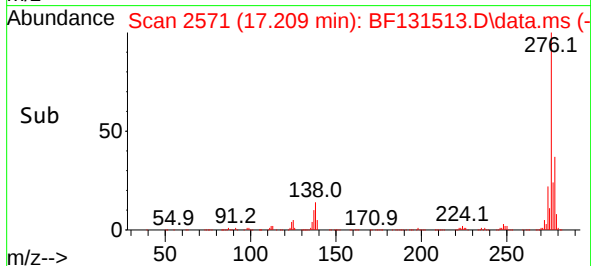


Tgt Ion:276 Resp: 772985
Ion Ratio Lower Upper
276 100
138 15.7 13.2 19.8
277 25.1 19.6 29.4

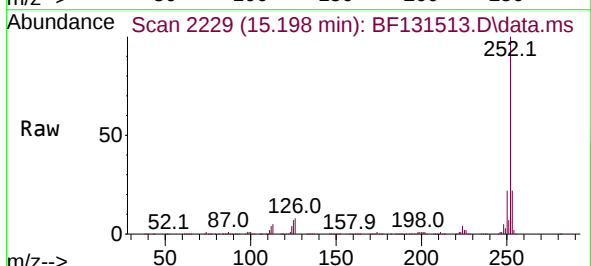
Manual Integrations

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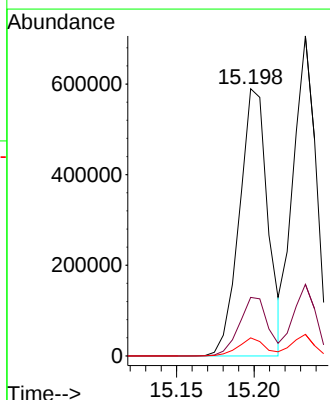
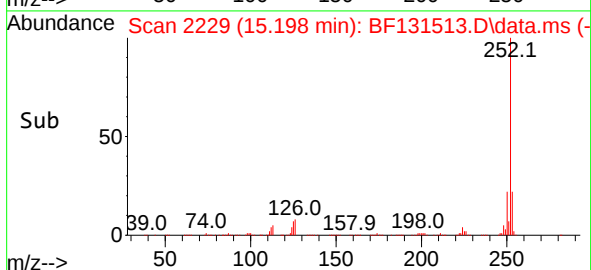
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

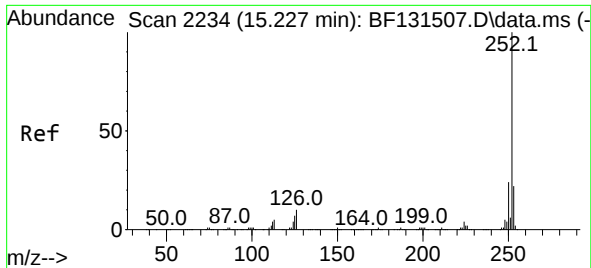


#88
Benzo(b)fluoranthene
Concen: 50.146 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



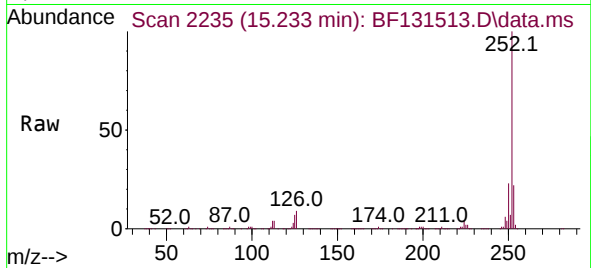
Tgt Ion:252 Resp: 752678
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 6.8 5.0 7.6





#89
Benzo(k)fluoranthene
Concen: 46.170 ng
RT: 15.233 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

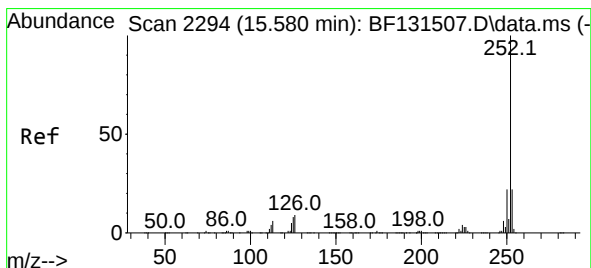
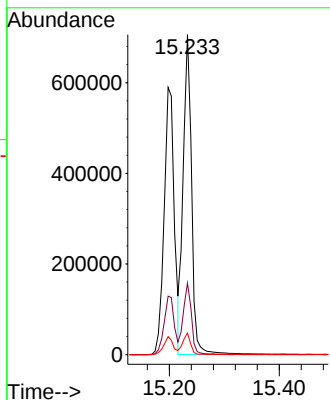
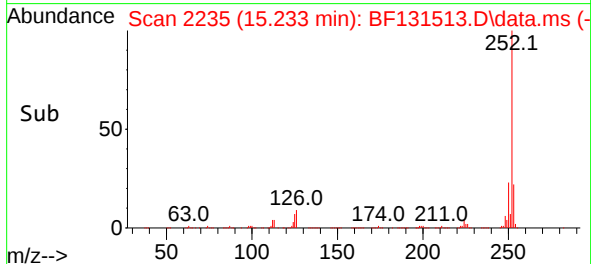
Instrument :
BNA_F
ClientSampleId :
PB149409BS



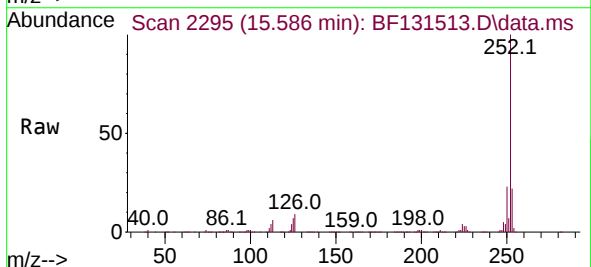
Tgt Ion:252 Resp: 752262
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 6.7 5.3 7.9

Manual Integrations
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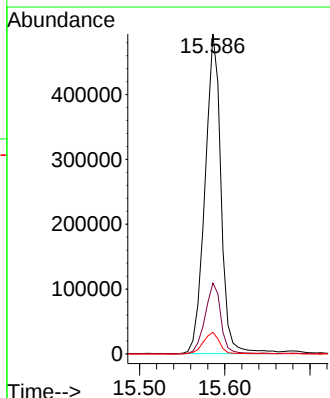
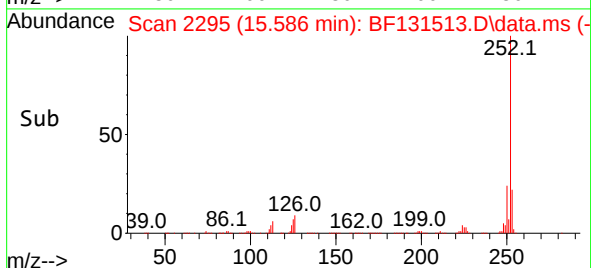
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

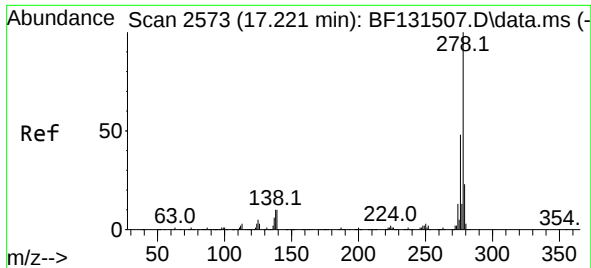


#90
Benzo(a)pyrene
Concen: 51.729 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25



Tgt Ion:252 Resp: 644334
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 6.7 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 44.779 ng

RT: 17.233 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion:278 Resp: 652674

Ion Ratio Lower Upper

278 100

139 9.4 8.4 12.6

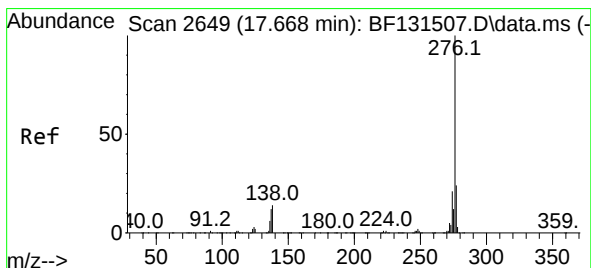
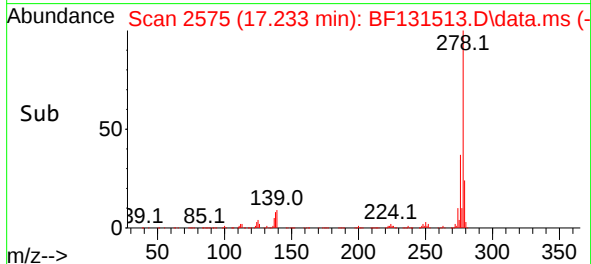
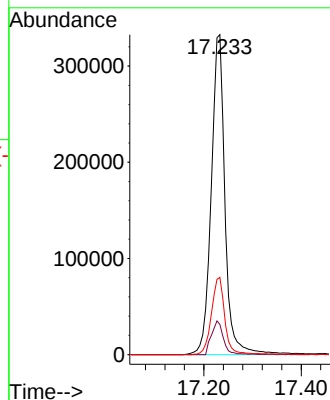
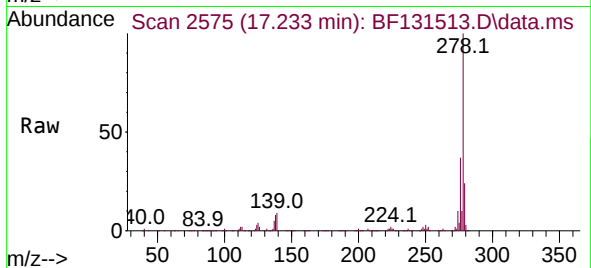
279 24.1 18.8 28.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#92

Benzo(g,h,i)perylene

Concen: 47.399 ng

RT: 17.680 min Scan# 2651

Delta R.T. 0.012 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion:276 Resp: 639582

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 14.3 11.7 17.5

