

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131906.D
 Acq On : 04 Jan 2023 19:07
 Operator : CG\JU
 Sample : N6239-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/05/2023
 Supervised By : Jagrut Upadhyay 01/05/2023

Quant Time: Jan 05 05:44:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	72303	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	265374	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	146333	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	238381	20.000	ng	0.00
76) Chrysene-d12	14.016	240	151397	20.000	ng	0.00
86) Perylene-d12	15.492	264	173258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	538737	123.481	ng	0.02
7) Phenol-d6	6.457	99	649444	113.300	ng	0.00
23) Nitrobenzene-d5	7.387	82	524898	78.971	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	185058	116.395	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	887260	83.051	ng	0.00
79) Terphenyl-d14	12.951	244	686267	76.675	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	83630	41.336	ng	# 83
3) Pyridine	3.428	79	176517	31.035	ng	95
4) n-Nitrosodimethylamine	3.363	42	116001	43.375	ng	92
6) Aniline	6.481	93	110361	15.876	ng	# 76
8) 2-Chlorophenol	6.604	128	199870	43.482	ng	98
9) Benzaldehyde	6.369	77	122134	33.207	ng	96
10) Phenol	6.469	94	242277	35.493	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	218323	44.726	ng	98
12) 1,3-Dichlorobenzene	6.757	146	224859	42.807	ng	98
13) 1,4-Dichlorobenzene	6.834	146	226027	42.697	ng	99
14) 1,2-Dichlorobenzene	6.987	146	215664	43.356	ng	98
15) Benzyl Alcohol	6.963	79	222203	44.205	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.093	45	277270	44.511	ng	87
17) 2-Methylphenol	7.081	107	176160	41.921	ng	98
18) Hexachloroethane	7.328	117	89708	41.966	ng	93
19) n-Nitroso-di-n-propyla...	7.234	70	177642	43.881	ng	99
20) 3+4-Methylphenols	7.234	107	216468	39.480	ng	91
22) Acetophenone	7.234	105	335156	43.079	ng	# 95
24) Nitrobenzene	7.404	77	276413	41.496	ng	99
25) Isophorone	7.645	82	481541	44.363	ng	99
26) 2-Nitrophenol	7.722	139	109962	42.458	ng	97
27) 2,4-Dimethylphenol	7.763	122	176722	47.836	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	267737	45.977	ng	100
29) 2,4-Dichlorophenol	7.969	162	182240	40.945	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	215681	40.871	ng	99
31) Naphthalene	8.128	128	599962	41.282	ng	100
32) Benzoic acid	7.898	122	106950	39.608	ng	94
33) 4-Chloroaniline	8.181	127	62468	11.202	ng	97
34) Hexachlorobutadiene	8.239	225	144579	40.046	ng	99
35) Caprolactam	8.557	113	43256m	32.825	ng	
36) 4-Chloro-3-methylphenol	8.675	107	204985	40.750	ng	99
37) 2-Methylnaphthalene	8.822	142	392476	40.238	ng	99
38) 1-Methylnaphthalene	8.922	142	362932	38.307	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	223253	43.451	ng	99
41) Hexachlorocyclopentadiene	8.969	237	147252	65.220	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	134733	40.942	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
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Manual Integrations APPROVED

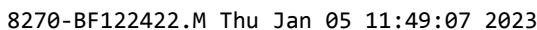
Reviewed By : Christian Giraldo 01/05/2023
 Supervised By : Jagrut Upadhyay 01/05/2023

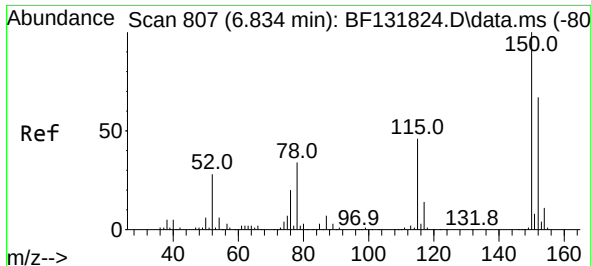
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	144752	40.692	ng	94
46) 1,1'-Biphenyl	9.286	154	485257	43.314	ng	100
47) 2-Chloronaphthalene	9.316	162	385686	41.612	ng	98
48) 2-Nitroaniline	9.416	65	134124	39.480	ng	96
49) Acenaphthylene	9.734	152	567920	41.150	ng	100
50) Dimethylphthalate	9.592	163	463791	41.894	ng	100
51) 2,6-Dinitrotoluene	9.657	165	98586	41.137	ng	94
52) Acenaphthene	9.904	154	332111	39.872	ng	99
53) 3-Nitroaniline	9.828	138	47074	19.278	ng	98
54) 2,4-Dinitrophenol	9.939	184	84857	61.529	ng	95
55) Dibenzofuran	10.075	168	516366	40.237	ng	99
56) 4-Nitrophenol	10.004	139	111521	65.195	ng	91
57) 2,4-Dinitrotoluene	10.069	165	127097	38.779	ng	95
58) Fluorene	10.422	166	401564	38.330	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	105528m	36.150	ng	
60) Diethylphthalate	10.292	149	431098	40.460	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	223967	41.123	ng	99
62) 4-Nitroaniline	10.445	138	78432	30.820	ng	95
63) Azobenzene	10.575	77	449626	38.023	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	54953	33.858	ng	91
66) n-Nitrosodiphenylamine	10.533	169	340464	46.821	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	125621	45.468	ng	97
68) Hexachlorobenzene	10.969	284	131995	43.490	ng	# 91
69) Atrazine	11.063	200	119958	50.109	ng	97
70) Pentachlorophenol	11.169	266	127586	84.955	ng	99
71) Phenanthrene	11.386	178	509170	38.842	ng	99
72) Anthracene	11.439	178	506173	39.472	ng	98
73) Carbazole	11.598	167	432830	38.233	ng	98
74) Di-n-butylphthalate	11.922	149	581365	42.486	ng	99
75) Fluoranthene	12.580	202	478096	31.311	ng	99
77) Benzidine	12.704	184	77387	31.104	ng	98
78) Pyrene	12.810	202	481166	37.918	ng	100
80) Butylbenzylphthalate	13.427	149	188913	40.137	ng	92
81) Benzo(a)anthracene	14.004	228	446969	40.776	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	106400	33.583	ng	98
83) Chrysene	14.039	228	418453	40.625	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	259782	45.331	ng	# 97
85) Di-n-octyl phthalate	14.604	149	462128	59.903	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	480831	43.683	ng	99
88) Benzo(b)fluoranthene	15.063	252	474998	37.390	ng	99
89) Benzo(k)fluoranthene	15.092	252	458121	37.322	ng	100
90) Benzo(a)pyrene	15.433	252	410858	41.773	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	412144	45.711	ng	98
92) Benzo(g,h,i)perylene	17.427	276	365624	35.784	ng	96

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

Manual Integrations

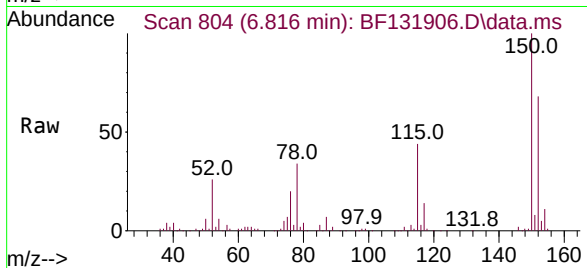
Quant Time: Jan 05 05:44:56 2023
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131906.D
 Acq: 04 Jan 2023 19:07

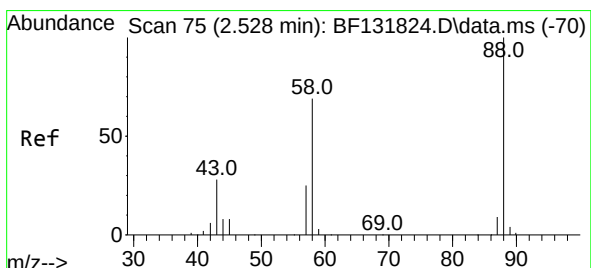
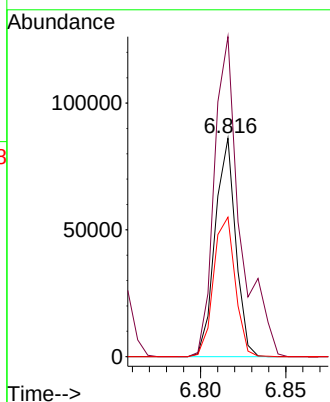
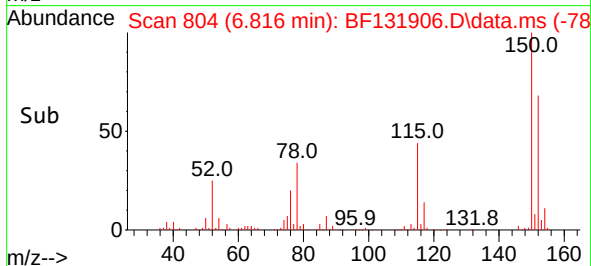
Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMSD



Tgt Ion:152 Resp: 72303
 Ion Ratio Lower Upper
 152 100
 150 146.5 120.0 180.0
 115 63.8 55.1 82.7

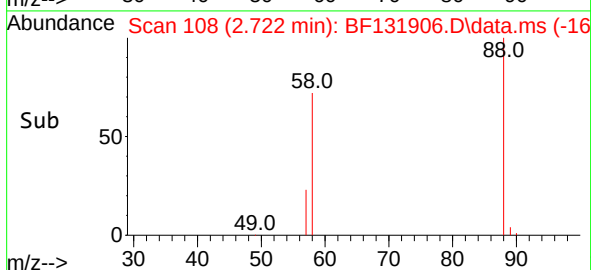
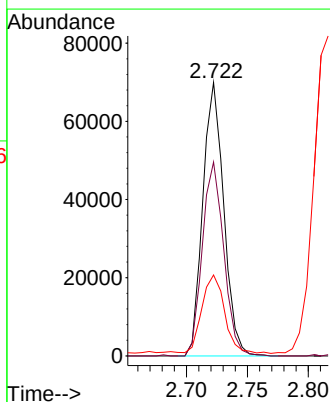
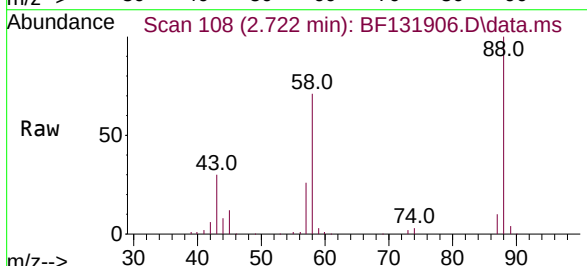
Manual Integrations
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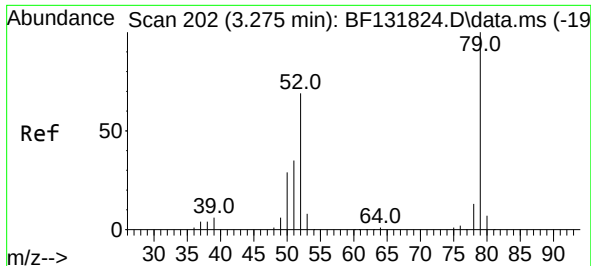
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#2
 1,4-Dioxane
 Concen: 41.336 ng
 RT: 2.722 min Scan# 108
 Delta R.T. 0.194 min
 Lab File: BF131906.D
 Acq: 04 Jan 2023 19:07

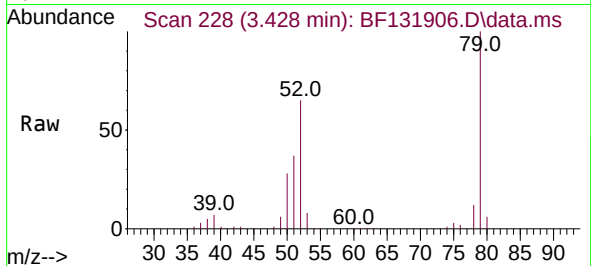
Tgt Ion: 88 Resp: 83630
 Ion Ratio Lower Upper
 88 100
 58 72.5 58.2 87.2
 43 0.0 24.2 36.4





#3
Pyridine
Concen: 31.035 ng
RT: 3.428 min Scan# 217
Delta R.T. 0.165 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

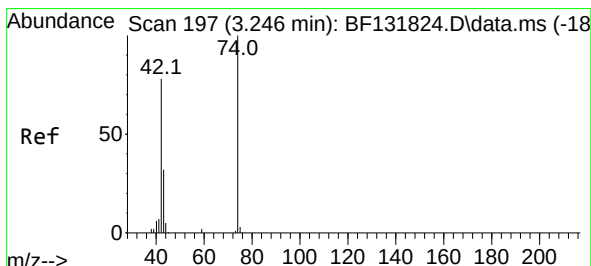
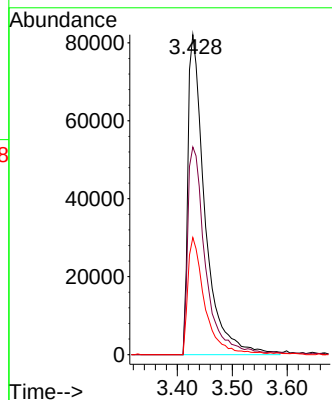
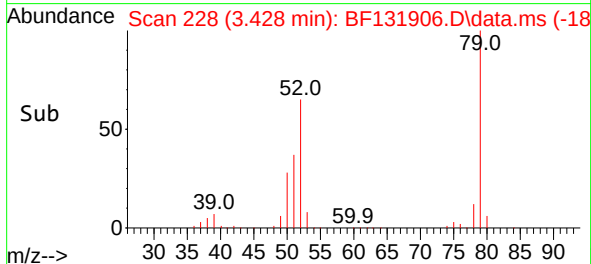
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



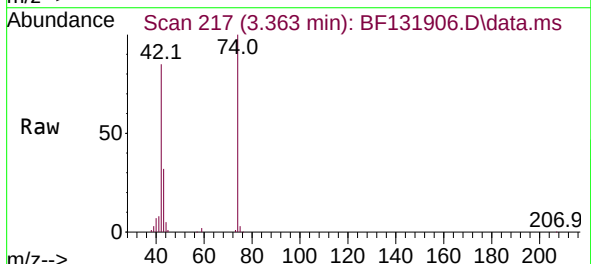
Tgt Ion: 79 Resp: 176517
Ion Ratio Lower Upper
79 100
52 64.9 55.4 83.2
51 36.6 27.8 41.8

Manual Integrations
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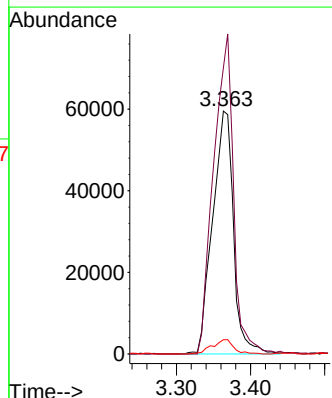
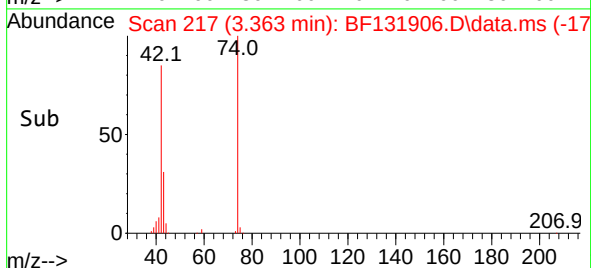
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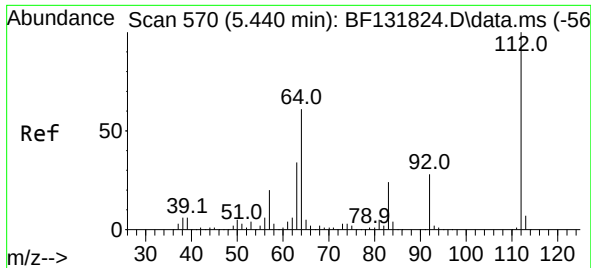


#4
n-Nitrosodimethylamine
Concen: 43.375 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.123 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion: 42 Resp: 116001
Ion Ratio Lower Upper
42 100
74 117.9 102.0 153.0
44 5.8 4.6 7.0





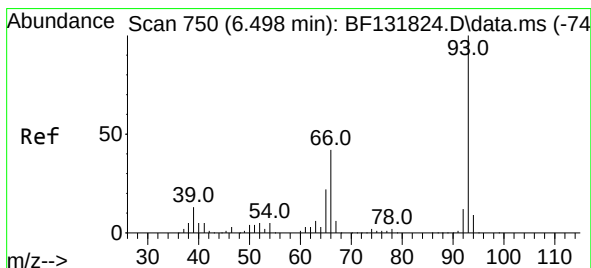
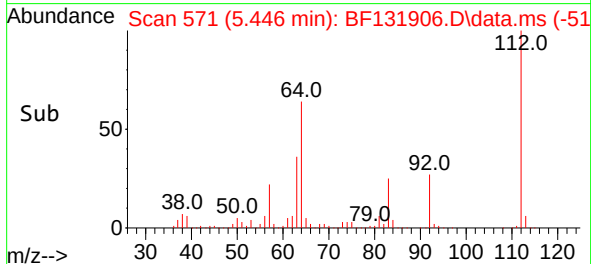
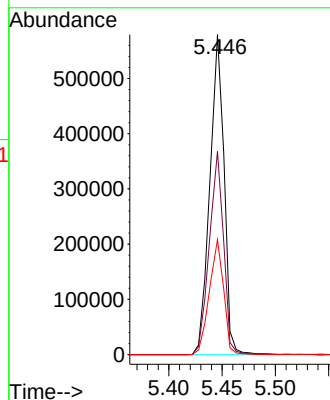
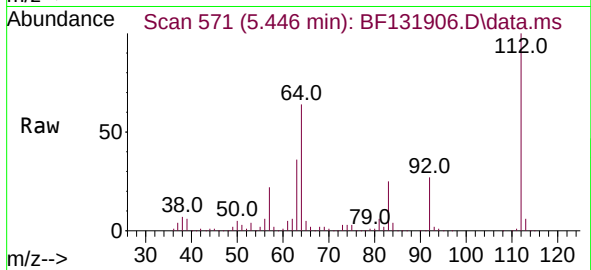
#5
2-Fluorophenol
Concen: 123.481 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Instrument :
BNA_F
ClientSampleId :
TP-1SMSD

Tgt Ion:112 Resp: 53873
Ion Ratio Lower Upper
112 100
64 63.5 49.2 73.8
63 35.9 27.5 41.3

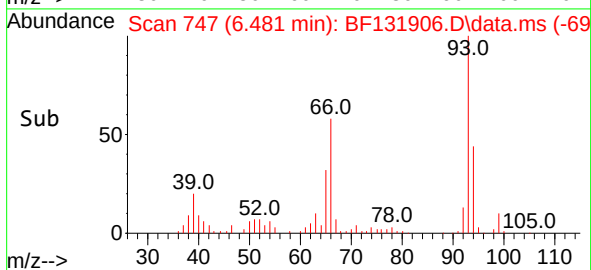
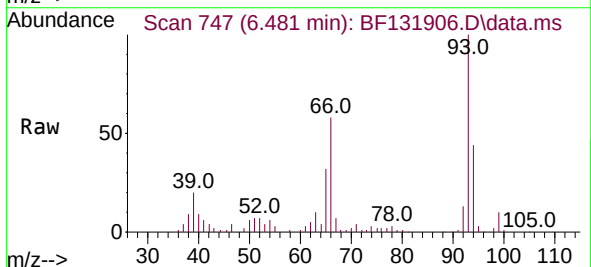
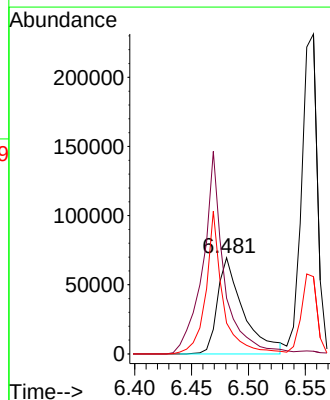
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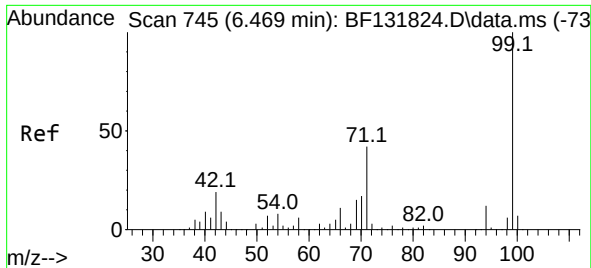
Reviewed By :Christian Giraldo 01/05/2023
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#6
Aniline
Concen: 15.876 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

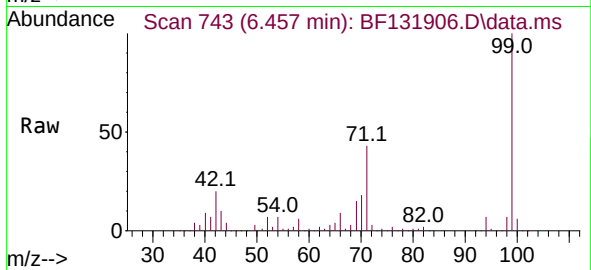
Tgt Ion: 93 Resp: 110361
Ion Ratio Lower Upper
93 100
66 57.9 33.9 50.9#
65 32.0 17.4 26.0#





#7
Phenol-d6
Concen: 113.300 ng
RT: 6.457 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

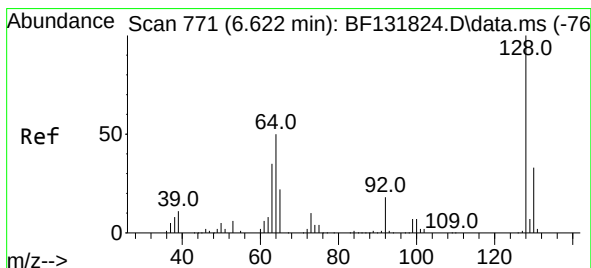
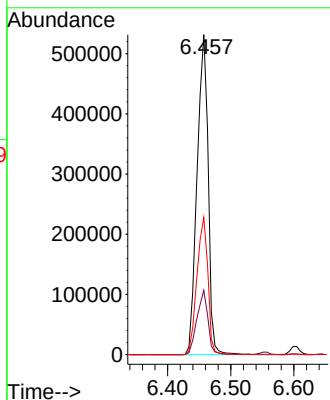
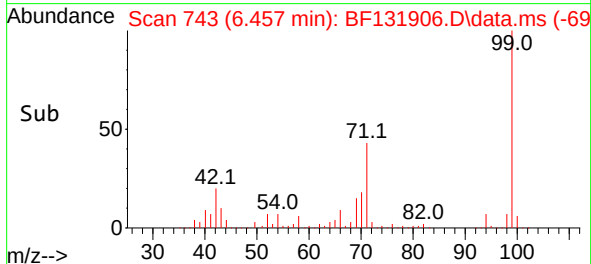
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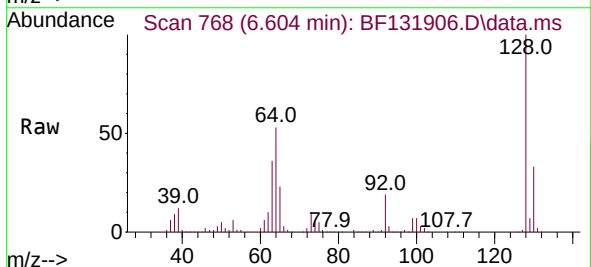
Tgt Ion: 99 Resp: 649444
Ion Ratio Lower Upper
99 100
42 20.1 15.3 22.9
71 42.9 33.5 50.3

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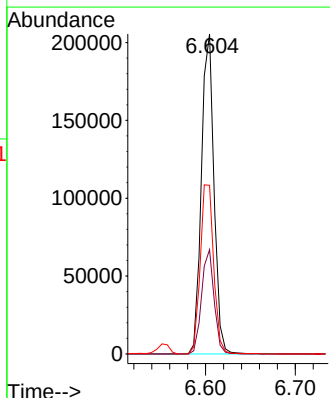
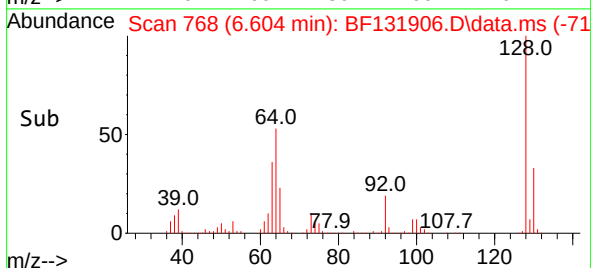
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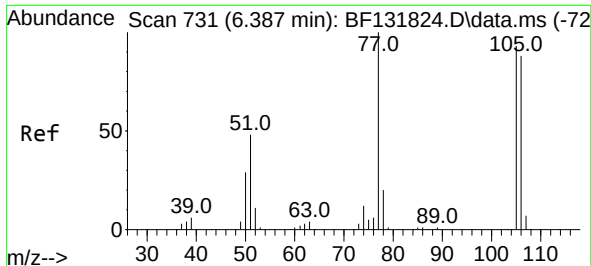


#8
2-Chlorophenol
Concen: 43.482 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion:128 Resp: 199870
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 52.7 30.7 70.7





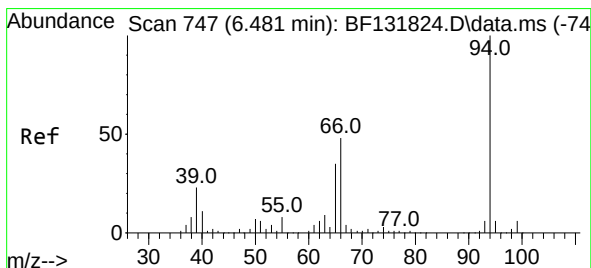
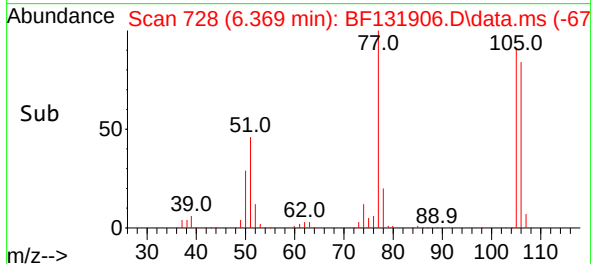
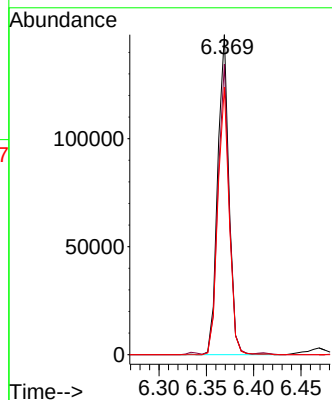
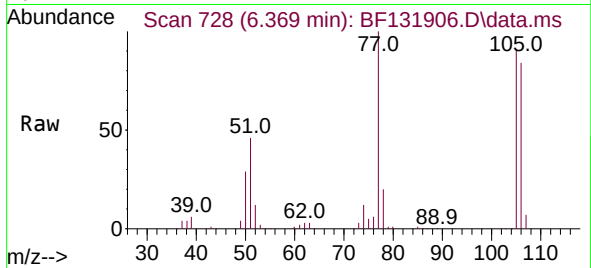
#9
Benzaldehyde
Concen: 33.207 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Instrument :
BNA_F
ClientSampleId :
TP-1SMSD

Tgt Ion: 77 Resp: 122134
Ion Ratio Lower Upper
77 100
105 90.8 72.9 112.9
106 83.7 68.5 108.5

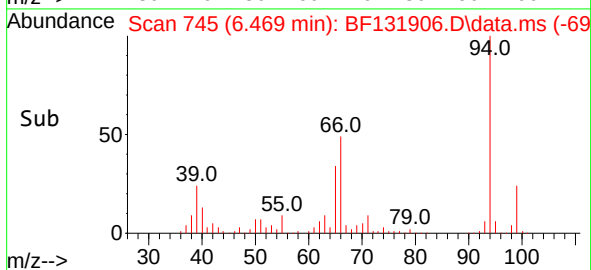
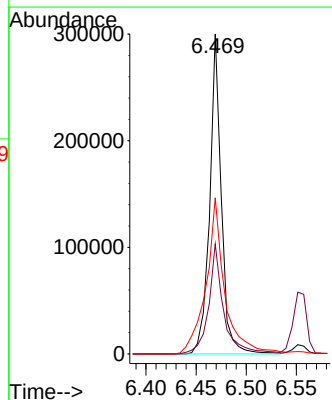
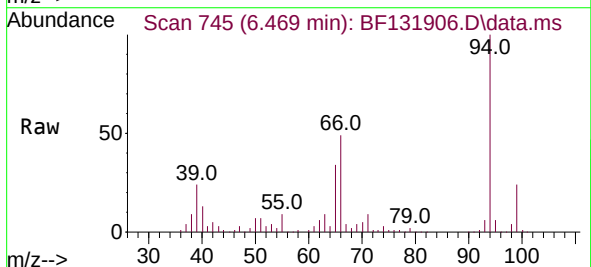
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APPROVED

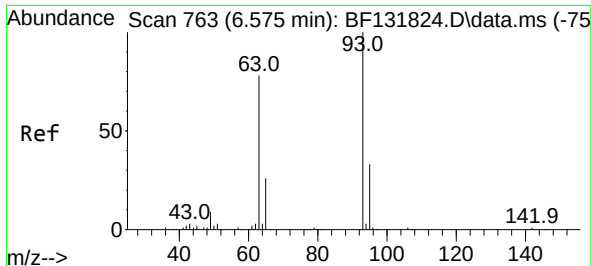
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#10
Phenol
Concen: 35.493 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Tgt Ion: 94 Resp: 242277
Ion Ratio Lower Upper
94 100
65 34.4 14.6 54.6
66 48.8 28.2 68.2





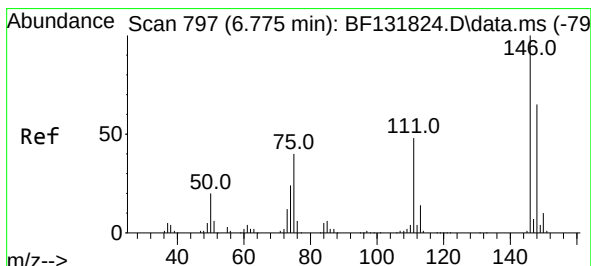
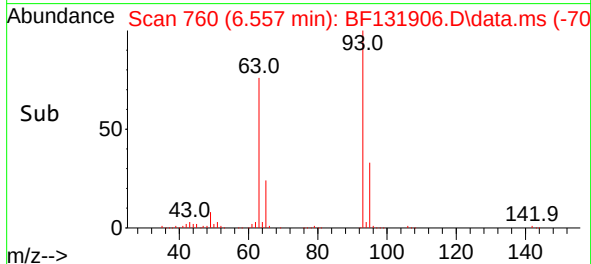
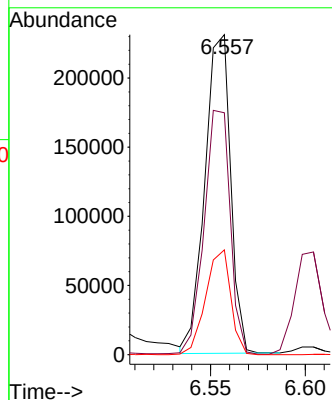
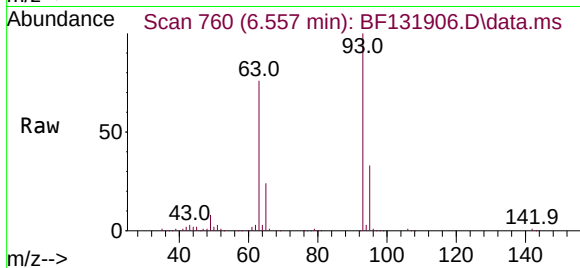
#11
bis(2-Chloroethyl)ether
Concen: 44.726 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Instrument :
BNA_F
ClientSampleId :
TP-1SMSD

Tgt Ion: 93 Resp: 218323
Ion Ratio Lower Upper
93 100
63 75.6 57.6 97.6
95 32.7 12.7 52.7

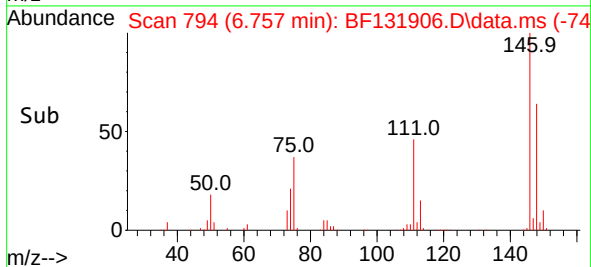
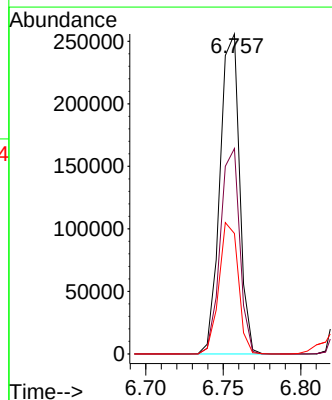
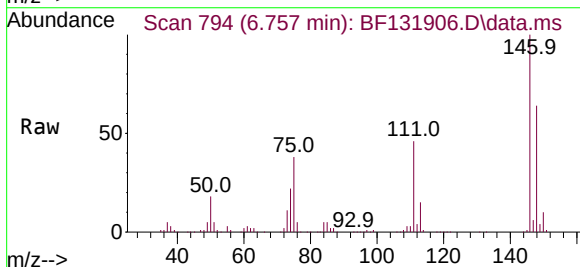
Manual Integrations
APPROVED

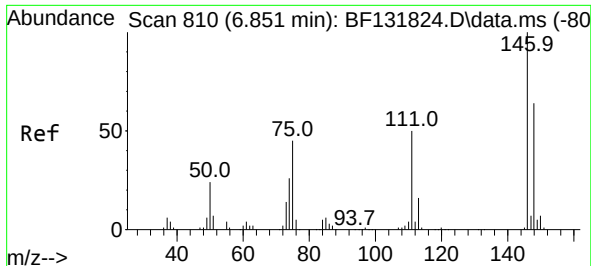
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#12
1,3-Dichlorobenzene
Concen: 42.807 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Tgt Ion:146 Resp: 224859
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 37.7 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 42.697 ng

RT: 6.834 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD

Tgt Ion:146 Resp: 22602

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

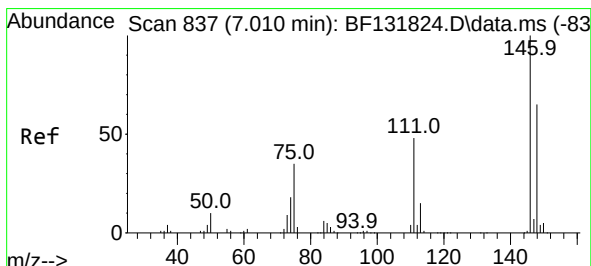
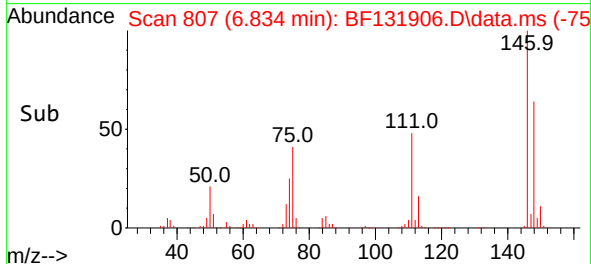
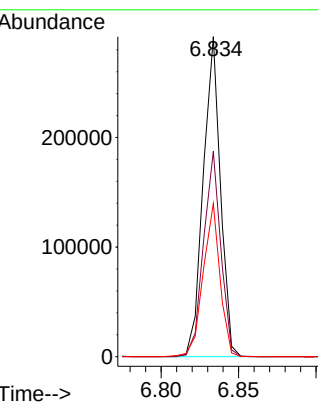
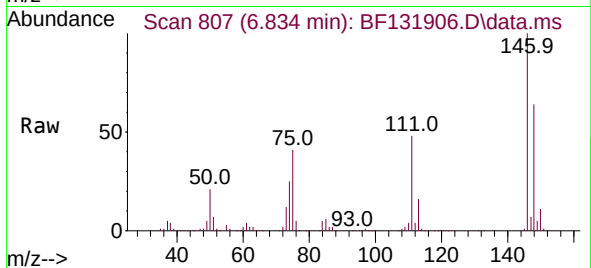
111 47.9 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#14

1,2-Dichlorobenzene

Concen: 43.356 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

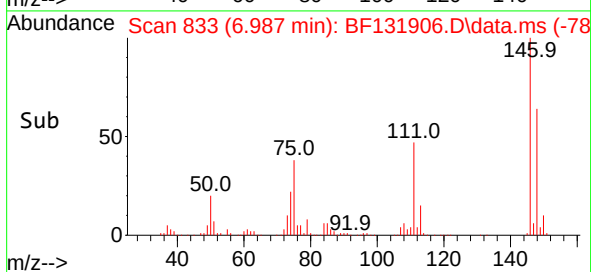
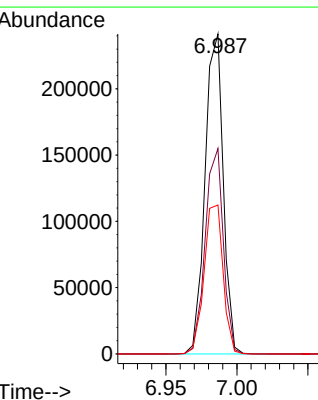
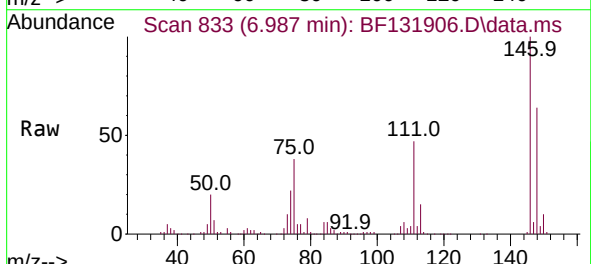
Tgt Ion:146 Resp: 215664

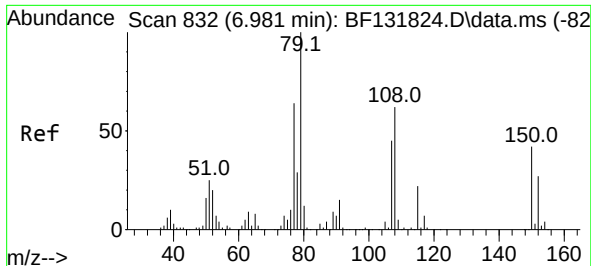
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

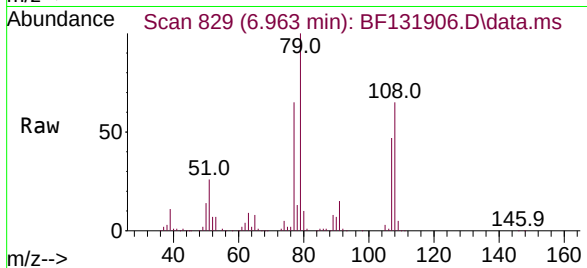
111 46.5 38.2 57.4





#15
Benzyl Alcohol
Concen: 44.205 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

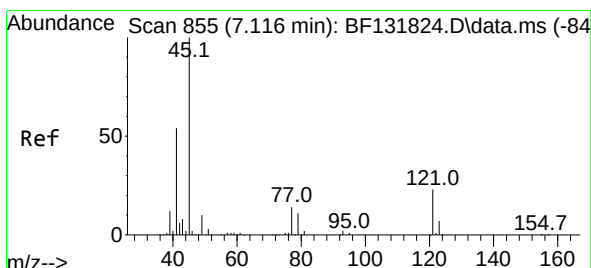
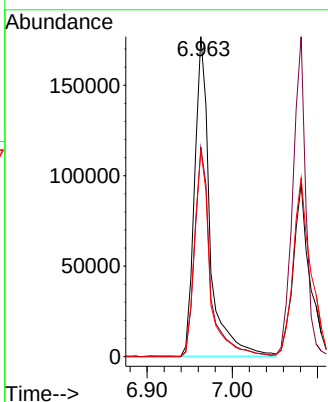
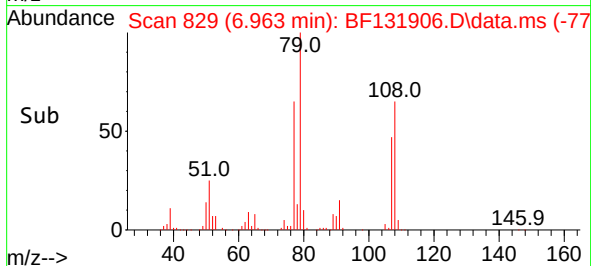
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion: 79 Resp: 222203
Ion Ratio Lower Upper
79 100
108 65.4 49.8 74.8
77 64.5 51.4 77.0

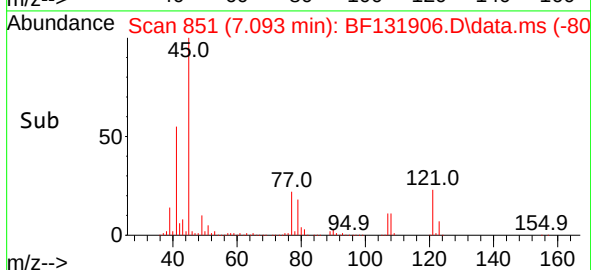
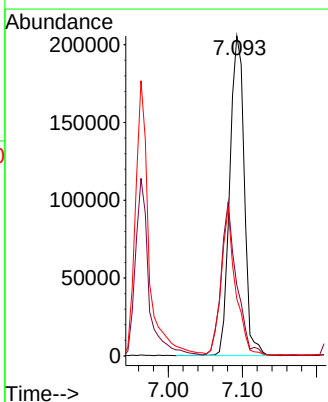
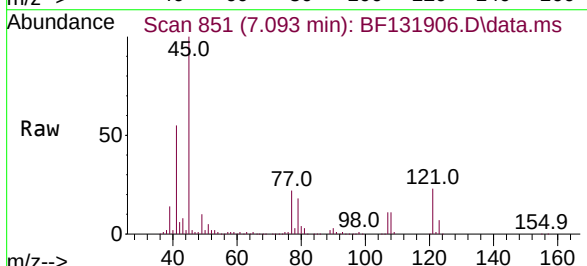
Manual Integrations
APPROVED

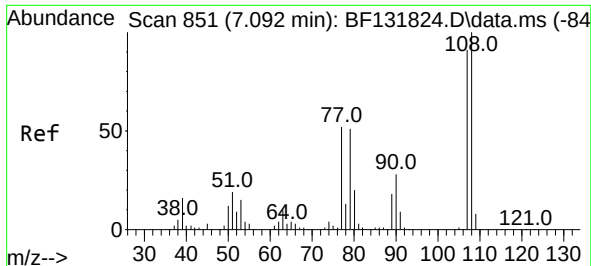
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.511 ng
RT: 7.093 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

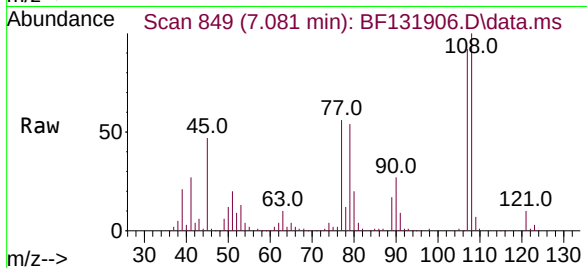
Tgt Ion: 45 Resp: 277270
Ion Ratio Lower Upper
45 100
77 22.0 0.0 36.1
79 17.7 0.0 33.3





#17
2-Methylphenol
Concen: 41.921 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

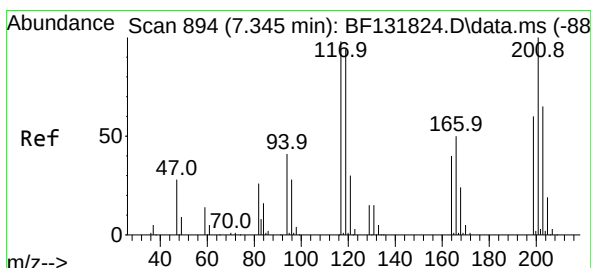
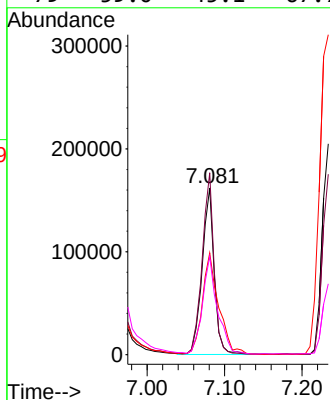
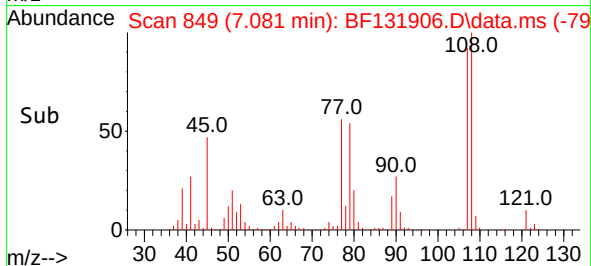
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion:107 Resp: 176160
Ion Ratio Lower Upper
107 100
108 109.1 87.6 131.4
77 61.0 45.8 68.8
79 59.0 45.1 67.7

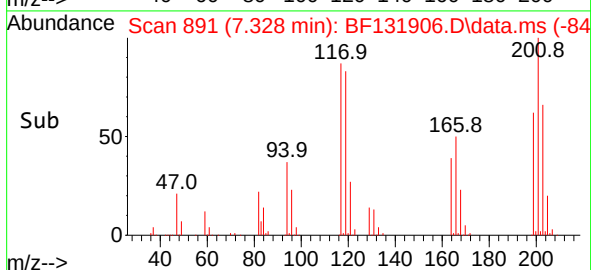
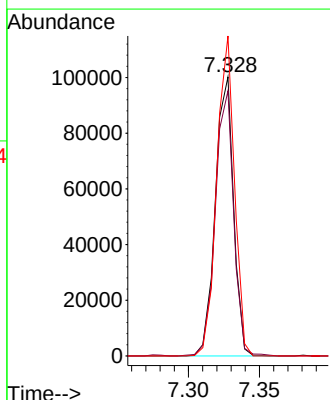
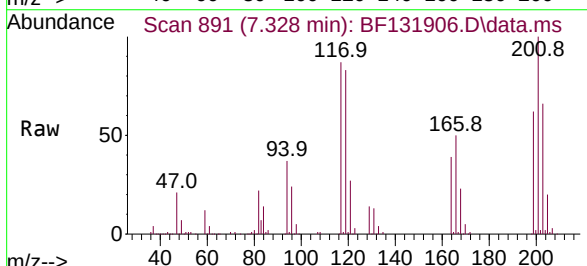
Manual Integrations
APPROVED

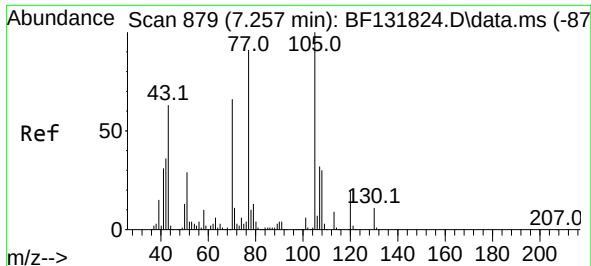
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#18
Hexachloroethane
Concen: 41.966 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

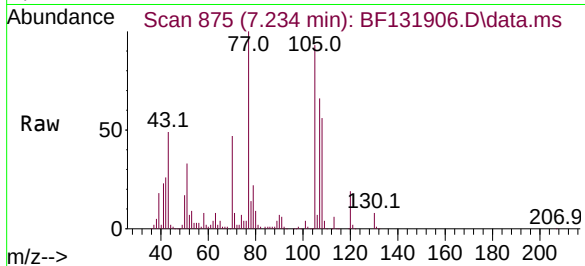
Tgt Ion:117 Resp: 89708
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
201 114.7 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.881 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

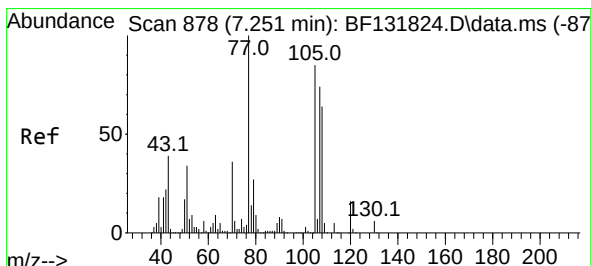
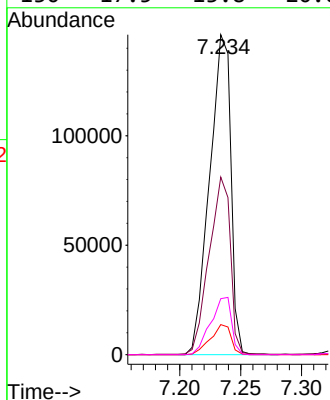
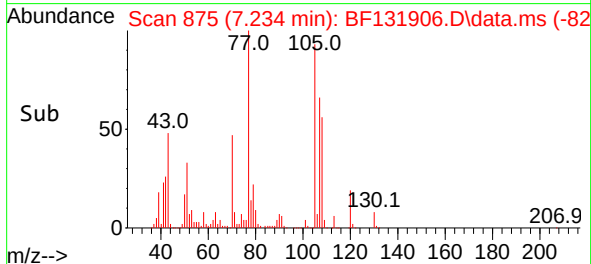
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion: 70 Resp: 177642
Ion Ratio Lower Upper
70 100
42 55.5 43.8 65.6
101 9.4 7.4 11.0
130 17.5 13.8 20.6

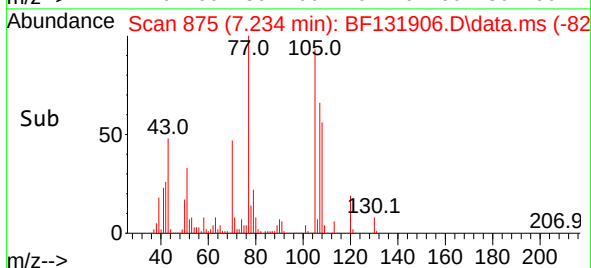
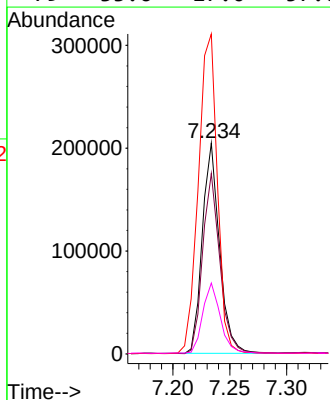
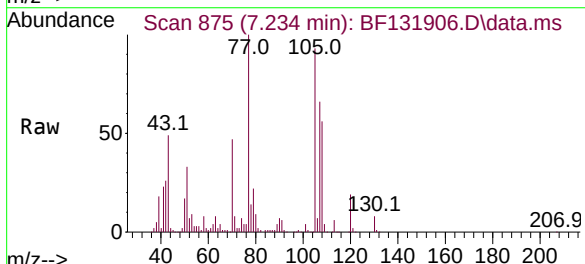
Manual Integrations
APPROVED

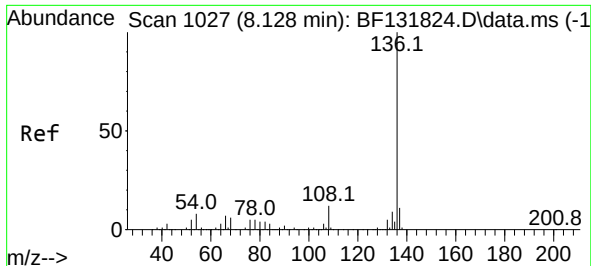
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#20
3+4-Methylphenols
Concen: 39.480 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

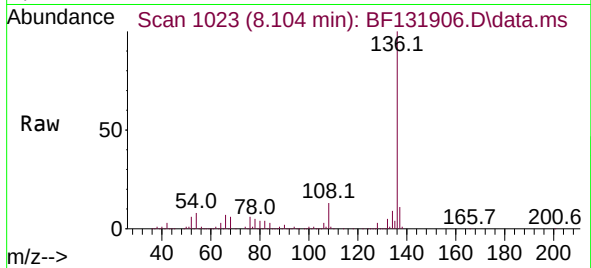
Tgt Ion:107 Resp: 216468
Ion Ratio Lower Upper
107 100
108 85.6 67.1 107.1
77 151.8 114.9 154.9
79 33.6 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

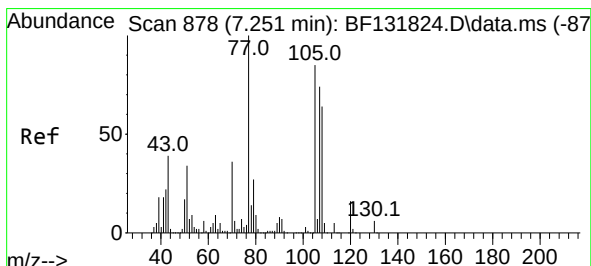
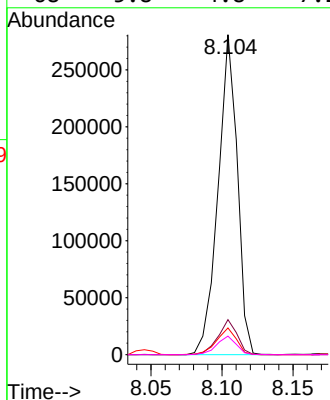
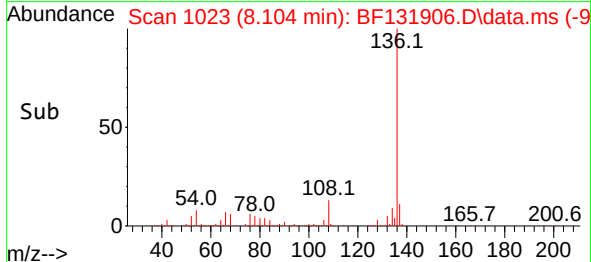
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion:136 Resp: 265374
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.3 6.7 10.1
68 5.8 4.8 7.2

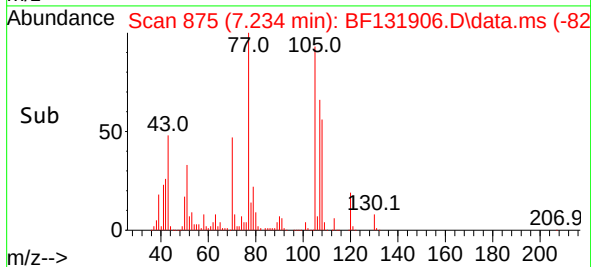
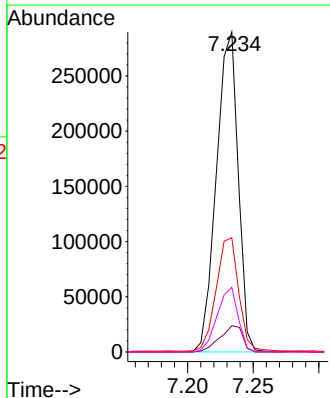
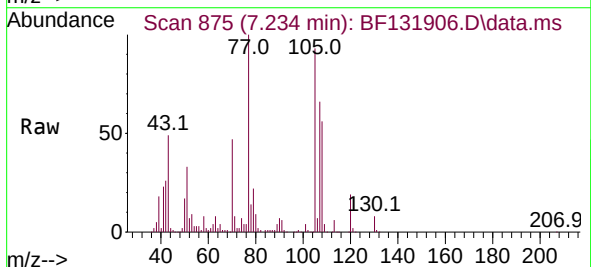
Manual Integrations
APPROVED

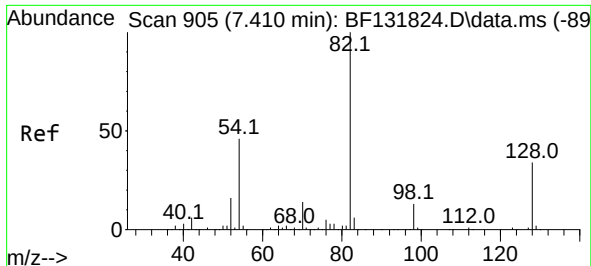
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#22
Acetophenone
Concen: 43.079 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

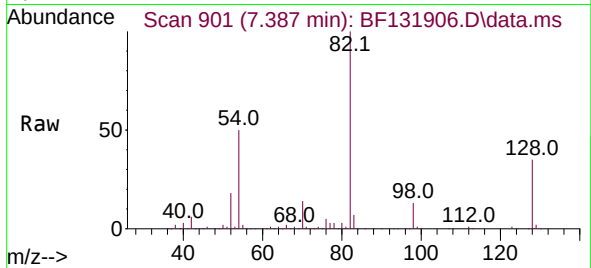
Tgt Ion:105 Resp: 335156
Ion Ratio Lower Upper
105 100
71 8.2 5.4 8.0#
51 35.7 31.9 47.9
120 20.2 15.2 22.8





#23
Nitrobenzene-d5
Concen: 78.971 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

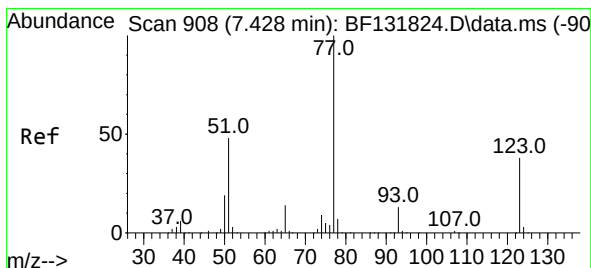
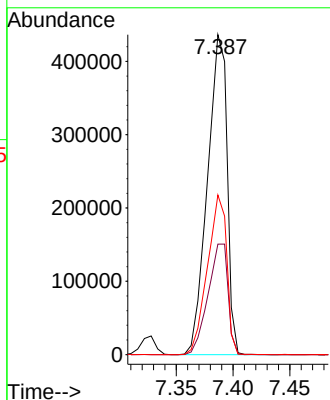
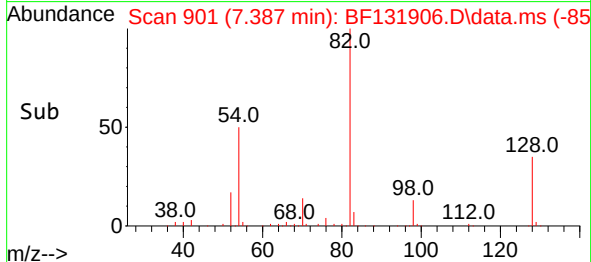
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion: 82 Resp: 524898
Ion Ratio Lower Upper
82 100
128 34.5 27.1 40.7
54 49.9 37.0 55.6

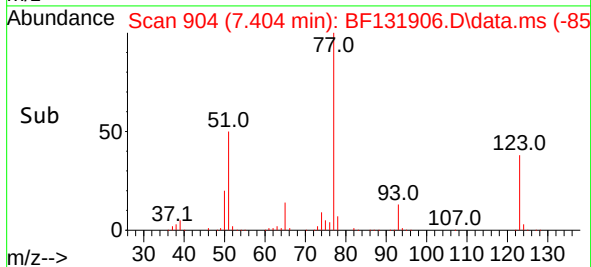
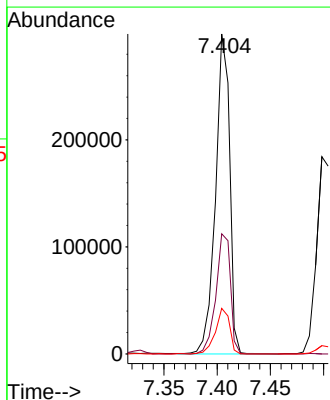
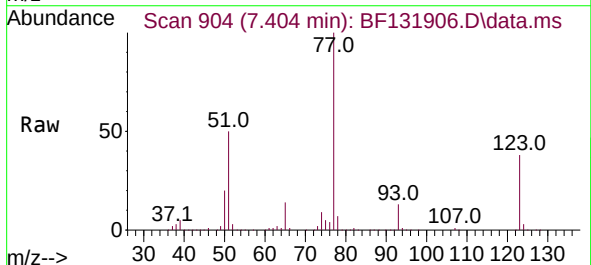
Manual Integrations
APPROVED

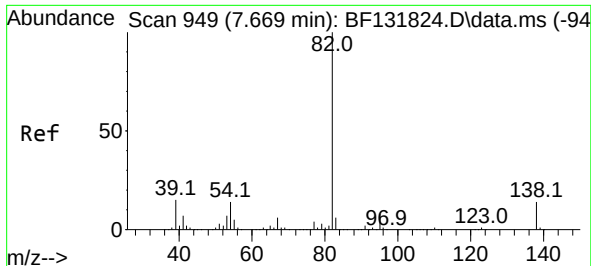
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#24
Nitrobenzene
Concen: 41.496 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Tgt Ion: 77 Resp: 276413
Ion Ratio Lower Upper
77 100
123 37.5 30.4 45.6
65 14.2 11.1 16.7





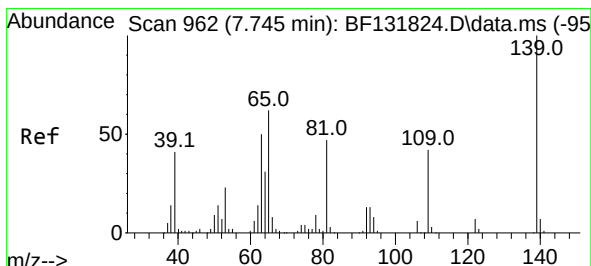
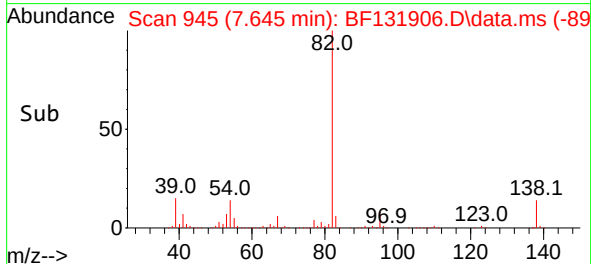
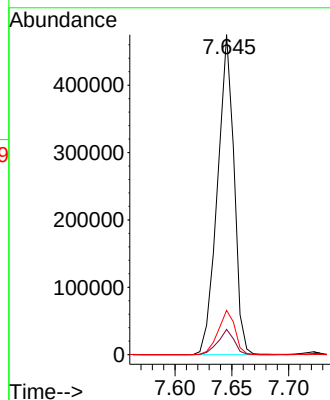
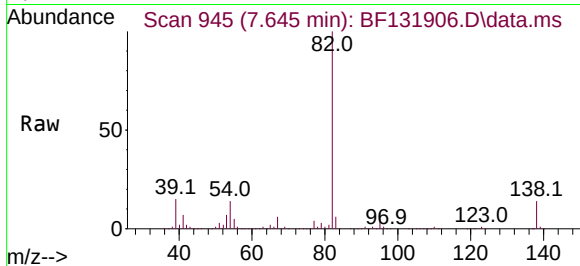
#25
Isophorone
Concen: 44.363 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Instrument :
BNA_F
ClientSampleId :
TP-1SMSD

Tgt Ion: 82 Resp: 48154
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 13.8 11.5 17.3

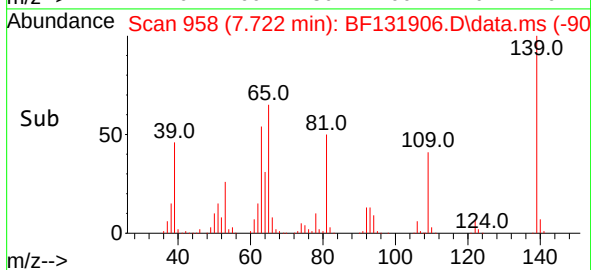
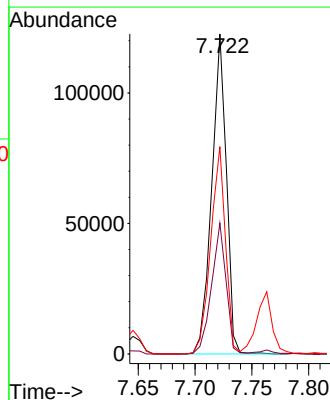
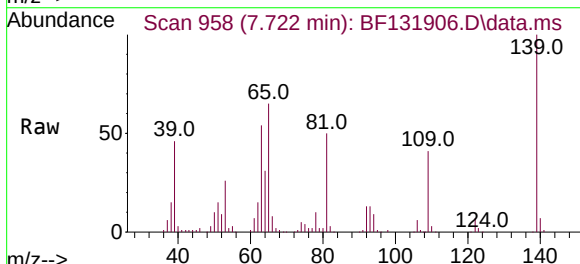
Manual Integrations
APPROVED

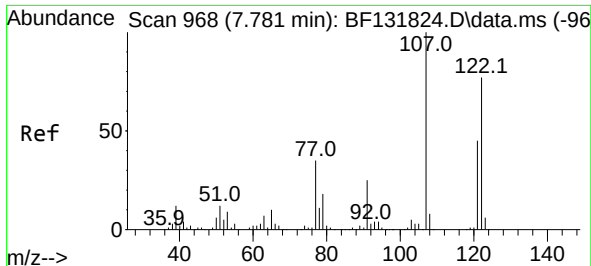
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#26
2-Nitrophenol
Concen: 42.458 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Tgt Ion:139 Resp: 109962
Ion Ratio Lower Upper
139 100
109 40.9 33.7 50.5
65 64.8 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 47.836 ng

RT: 7.763 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

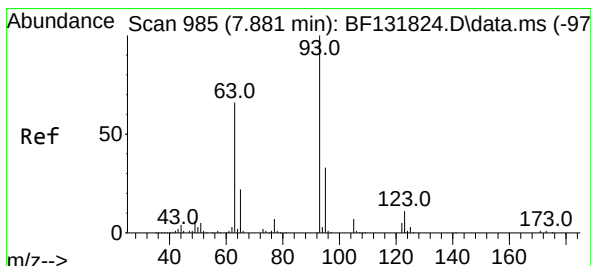
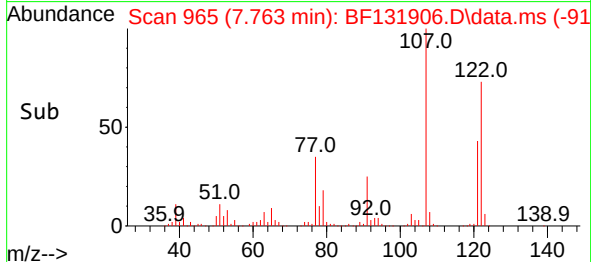
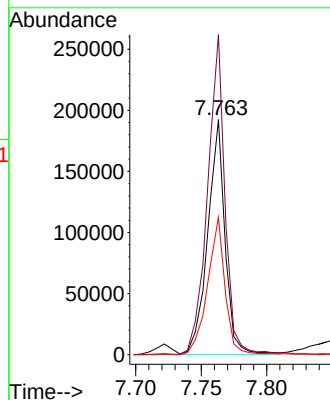
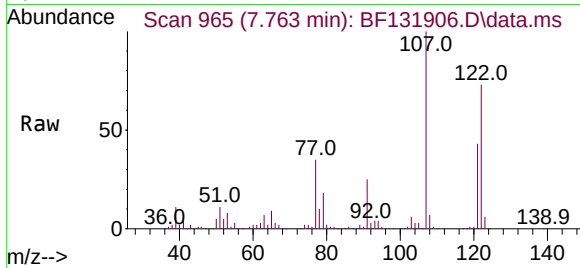
TP-1SMSD

Tgt Ion:122 Resp: 176722
 Ion Ratio Lower Upper
 122 100
 107 136.2 104.4 156.6
 121 58.4 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.977 ng

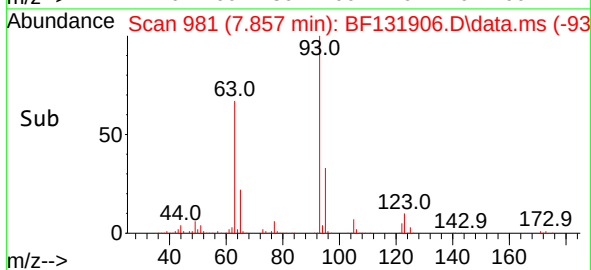
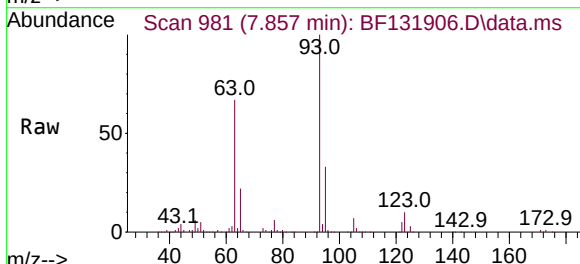
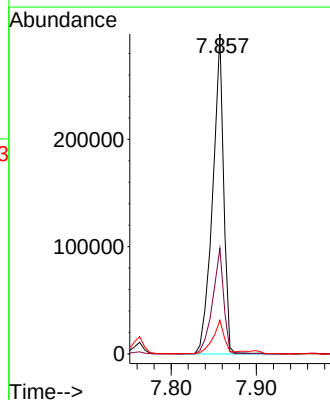
RT: 7.857 min Scan# 981

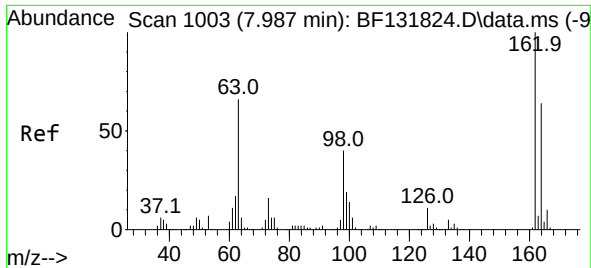
Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Tgt Ion: 93 Resp: 267737
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 10.5 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 40.945 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF131906.D

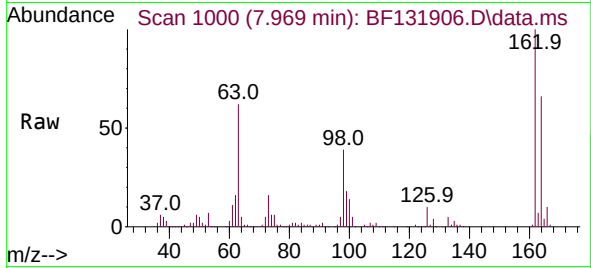
Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD



Tgt Ion:162 Resp: 182240

Ion Ratio Lower Upper

162 100

164 65.8 44.1 84.1

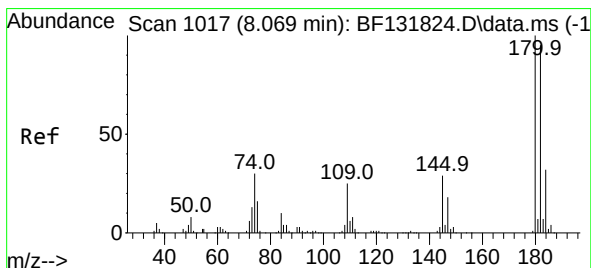
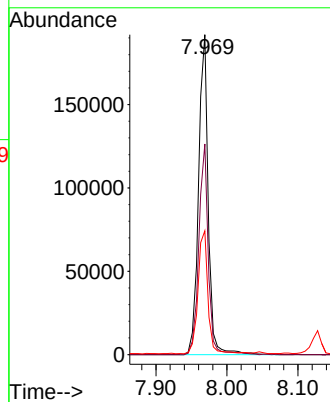
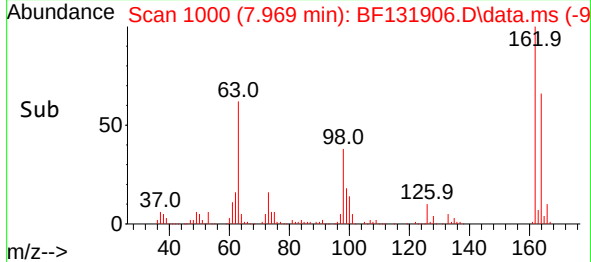
98 38.7 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.871 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

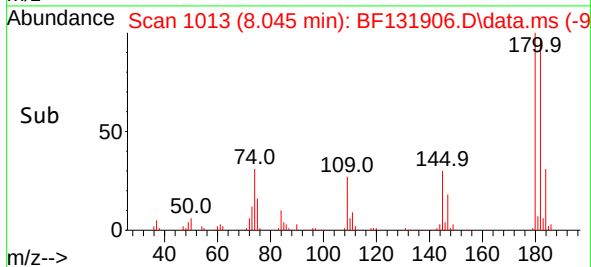
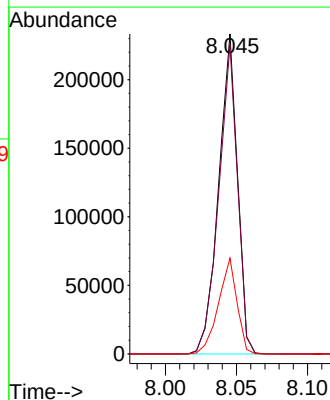
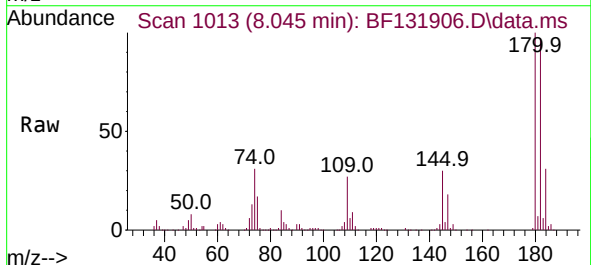
Tgt Ion:180 Resp: 215681

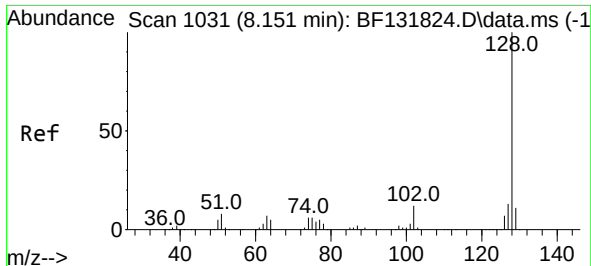
Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

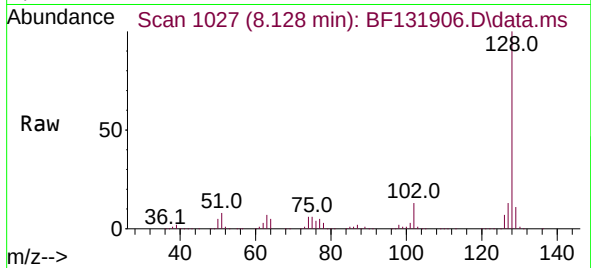
145 29.9 23.3 34.9





#31
Naphthalene
Concen: 41.282 ng
RT: 8.128 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

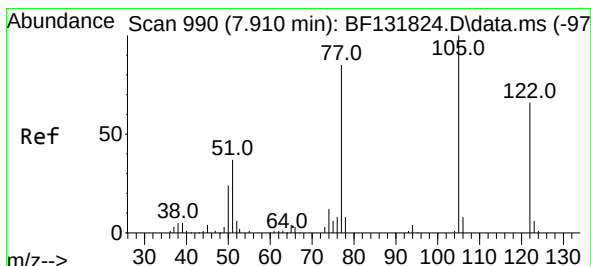
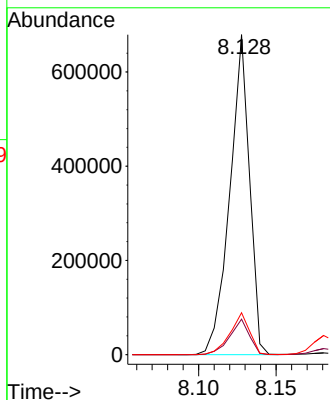
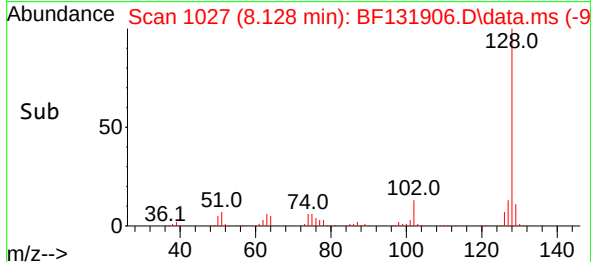
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



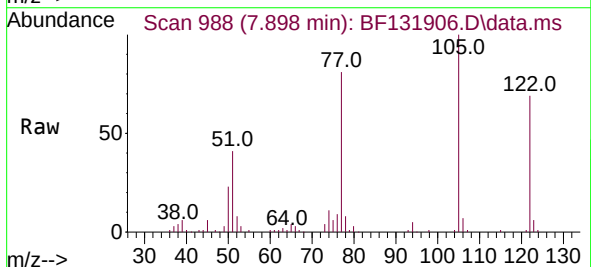
Tgt Ion:128 Resp: 599962
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.6 15.8

Manual Integrations
APPROVED

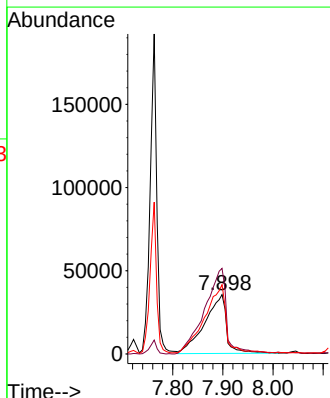
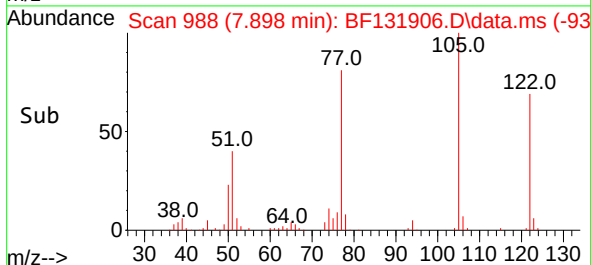
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

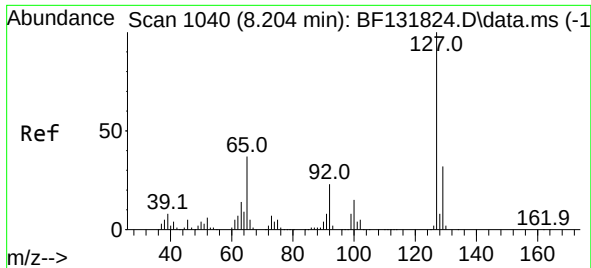


#32
Benzoic acid
Concen: 39.608 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion:122 Resp: 106950
Ion Ratio Lower Upper
122 100
105 144.0 127.9 167.9
77 116.6 106.9 146.9





#33

4-Chloroaniline

Concen: 11.202 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD

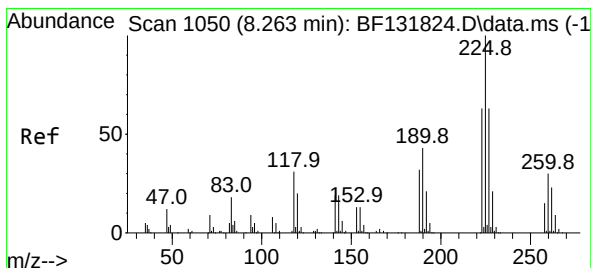
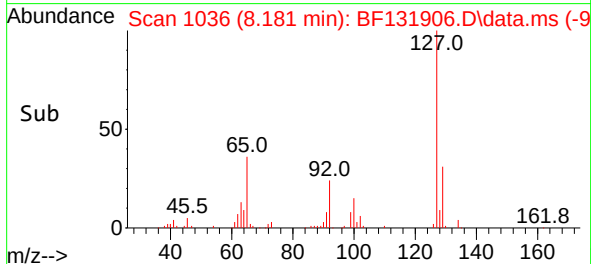
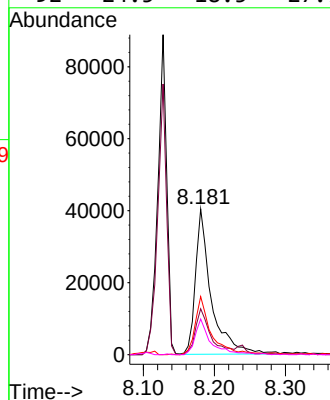
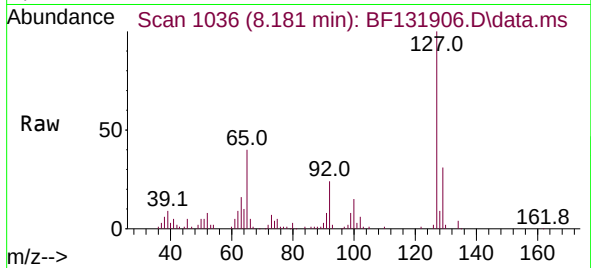
Tgt Ion:	127	Resp:	62468
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.8	38.8
65	39.8	29.7	44.5
92	24.5	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#34

Hexachlorobutadiene

Concen: 40.046 ng

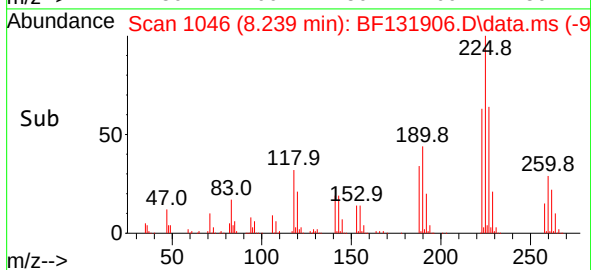
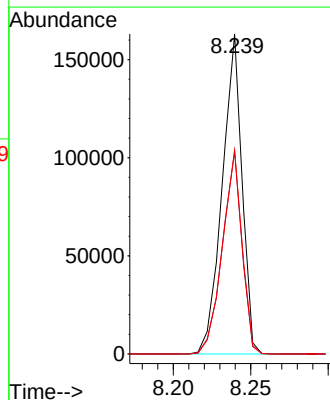
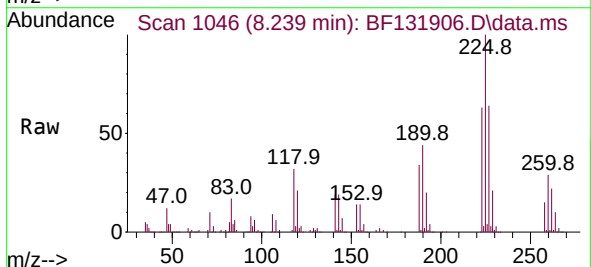
RT: 8.239 min Scan# 1046

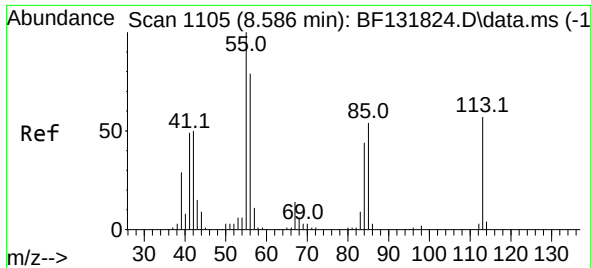
Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Tgt Ion:	225	Resp:	144579
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.0	75.0
227	63.6	50.8	76.2





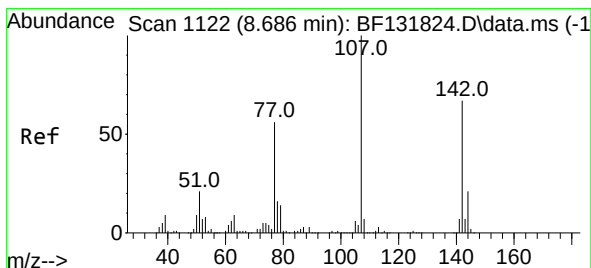
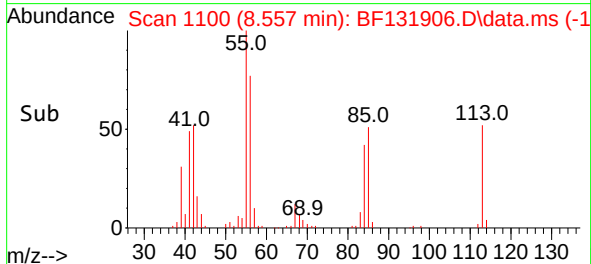
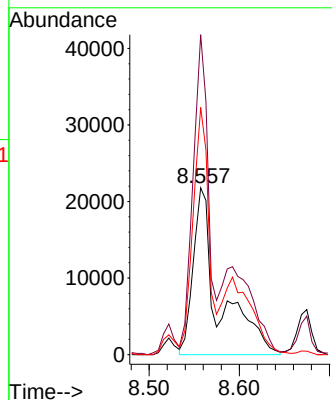
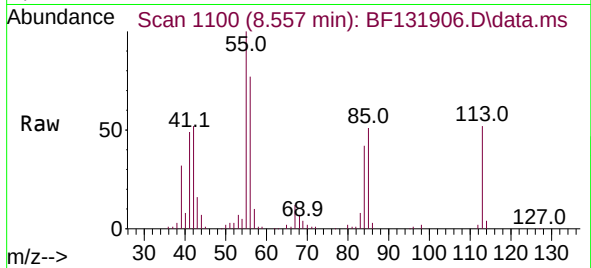
#35
Caprolactam
Concen: 32.825 ng m
RT: 8.557 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Instrument :
BNA_F
ClientSampleId :
TP-1SMSD

Tgt Ion:113 Resp: 43256
Ion Ratio Lower Upper
113 100
55 191.9 153.3 193.3
56 148.2 116.3 156.3

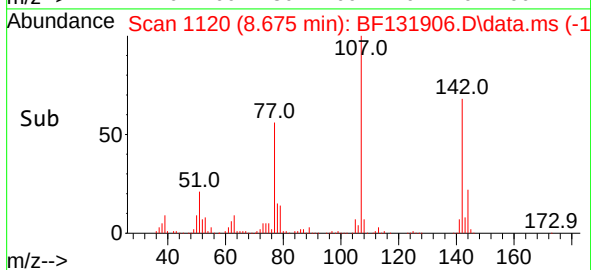
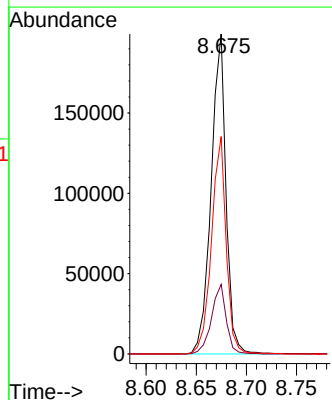
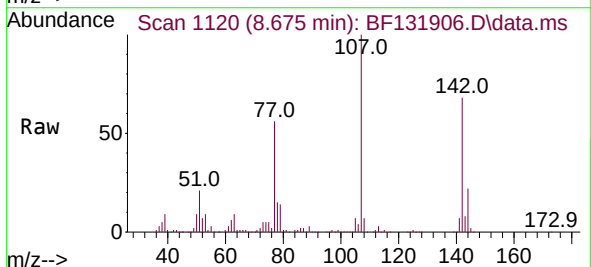
Manual Integrations
APPROVED

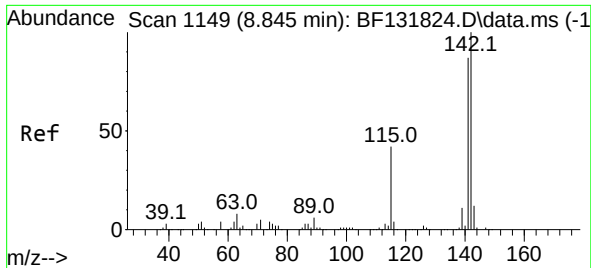
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#36
4-Chloro-3-methylphenol
Concen: 40.750 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

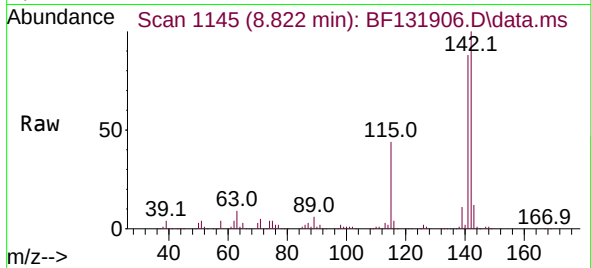
Tgt Ion:107 Resp: 204985
Ion Ratio Lower Upper
107 100
144 21.7 16.8 25.2
142 67.9 53.8 80.8





#37
2-Methylnaphthalene
Concen: 40.238 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

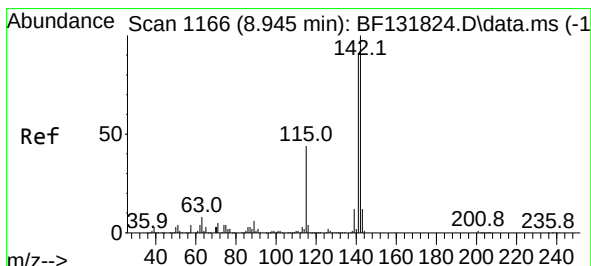
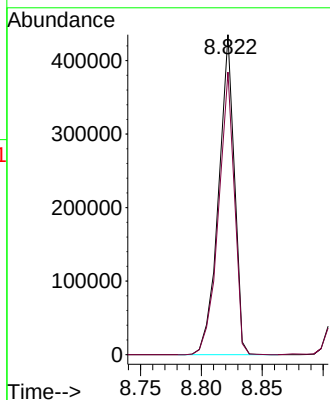
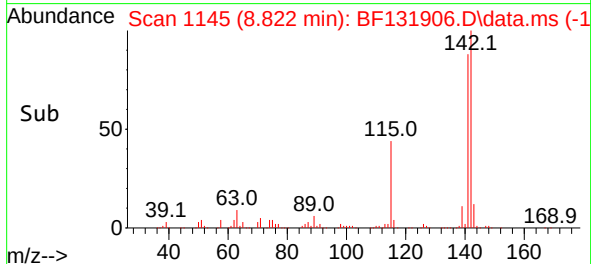
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



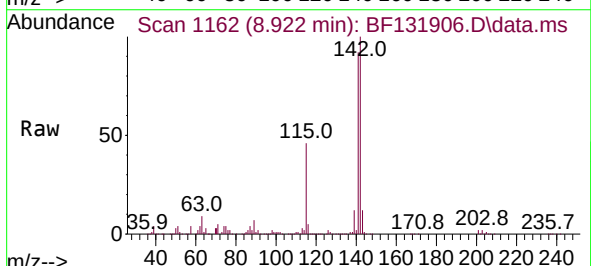
Tgt Ion:142 Resp: 392476
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.8

Manual Integrations
APPROVED

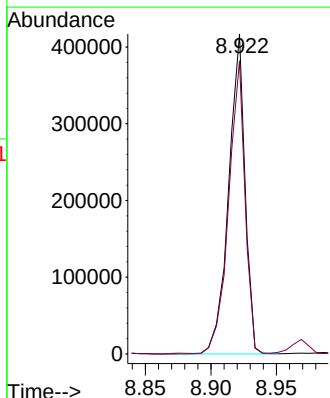
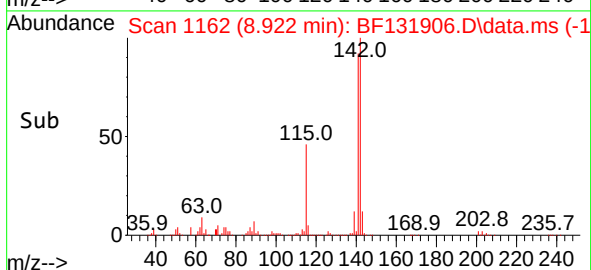
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

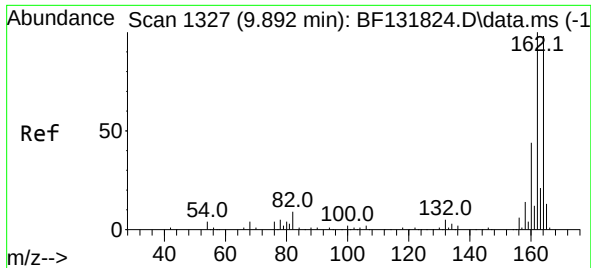


#38
1-Methylnaphthalene
Concen: 38.307 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion:142 Resp: 362932
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF131906.D

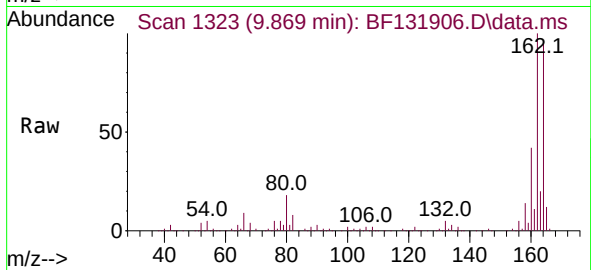
Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD



Tgt Ion:164 Resp: 146333

Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.6

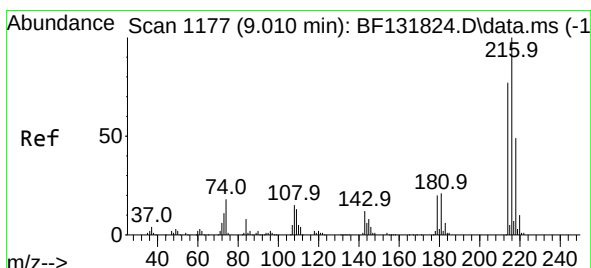
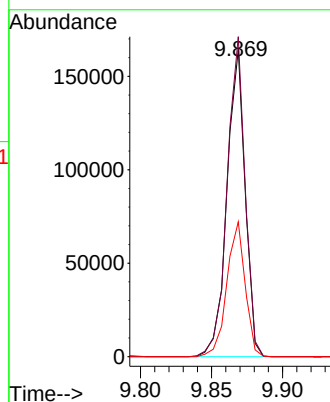
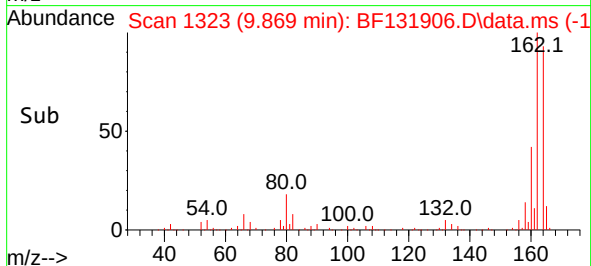
160 43.9 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.451 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Tgt Ion:216 Resp: 223253

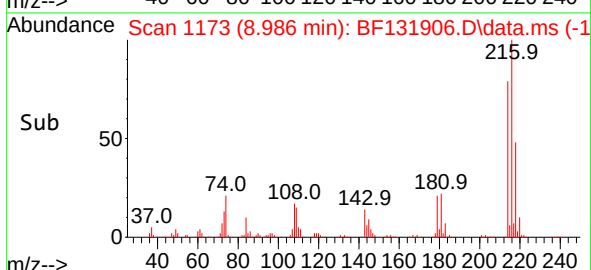
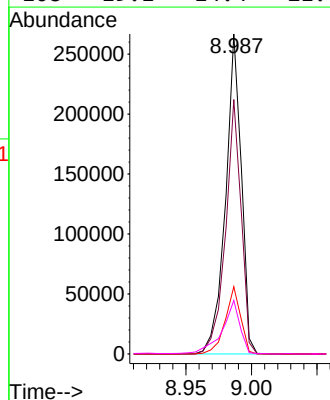
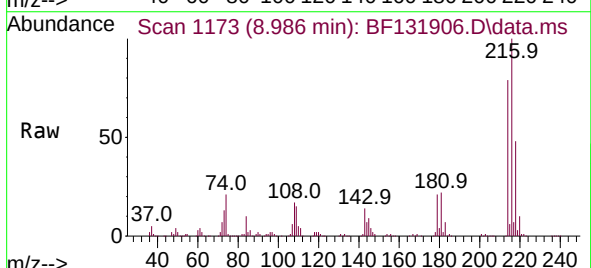
Ion Ratio Lower Upper

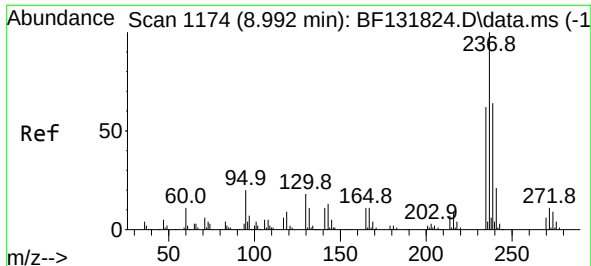
216 100

214 78.4 63.0 94.4

179 20.6 16.4 24.6

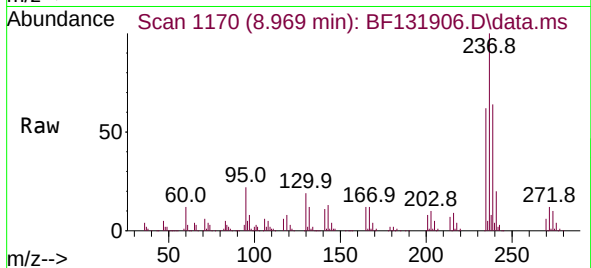
108 19.1 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 65.220 ng
RT: 8.969 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

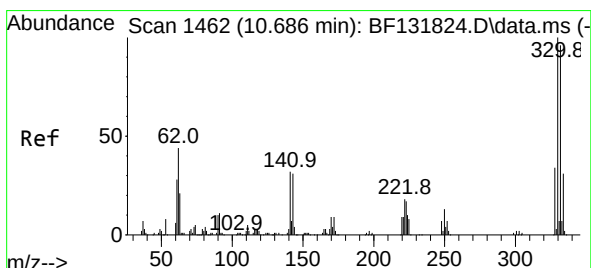
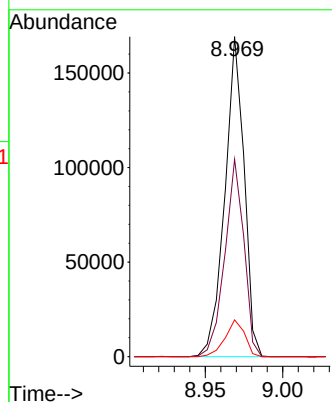
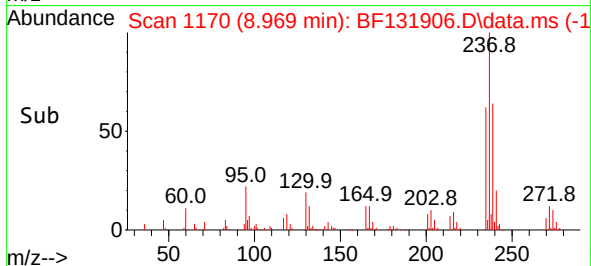
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



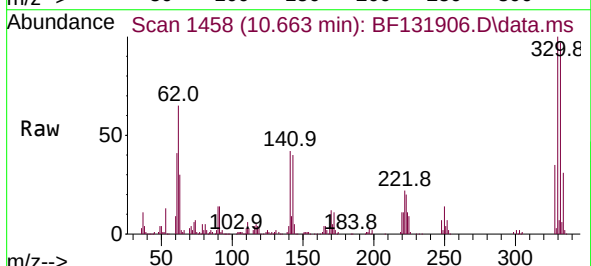
Tgt Ion:237 Resp: 147252
Ion Ratio Lower Upper
237 100
235 61.7 42.3 82.3
272 11.5 0.0 31.4

Manual Integrations
APPROVED

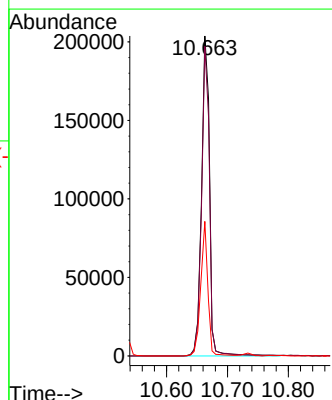
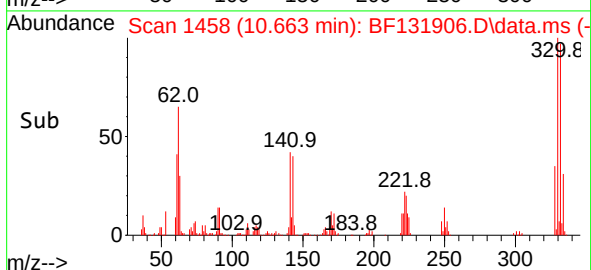
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

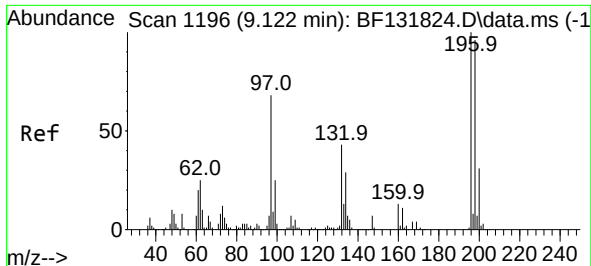


#42
2,4,6-Tribromophenol
Concen: 116.395 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



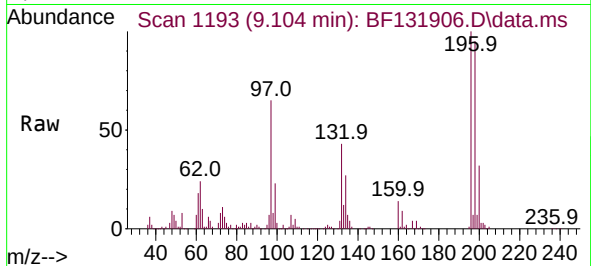
Tgt Ion:330 Resp: 185058
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 37.8 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 40.942 ng
RT: 9.104 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

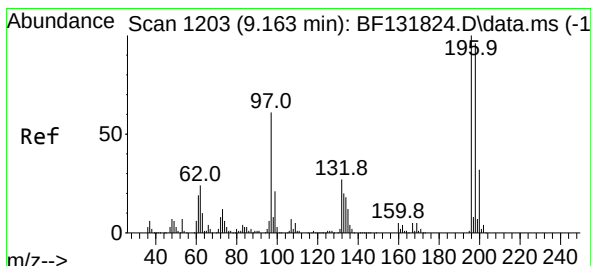
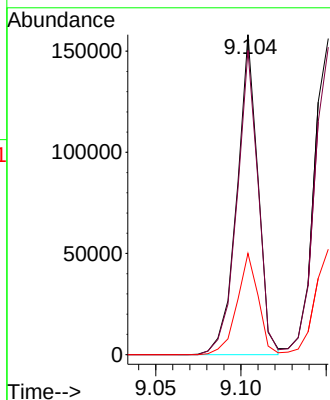
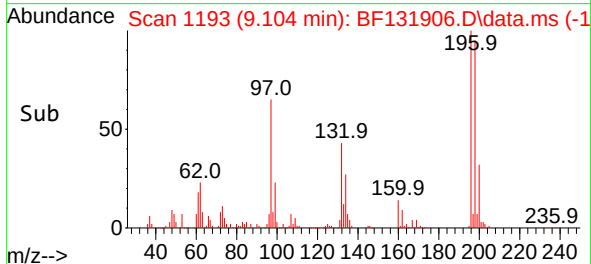
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion:196 Resp: 134733
Ion Ratio Lower Upper
196 100
198 95.1 76.5 114.7
200 31.6 24.5 36.7

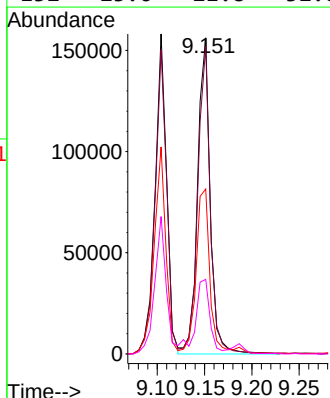
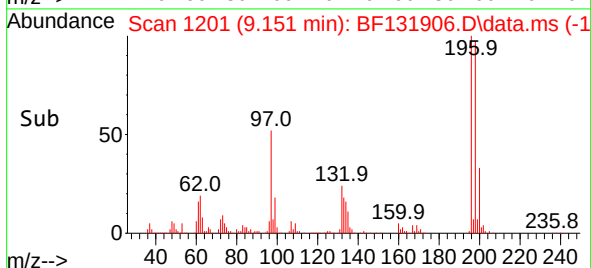
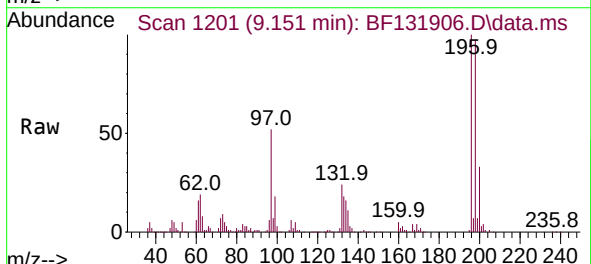
Manual Integrations
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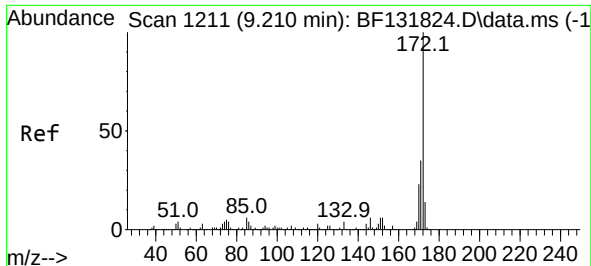
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#44
2,4,5-Trichlorophenol
Concen: 40.692 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Tgt Ion:196 Resp: 144752
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
97 52.1 49.3 73.9
132 23.6 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 83.051 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD

Tgt Ion:172 Resp: 887260

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

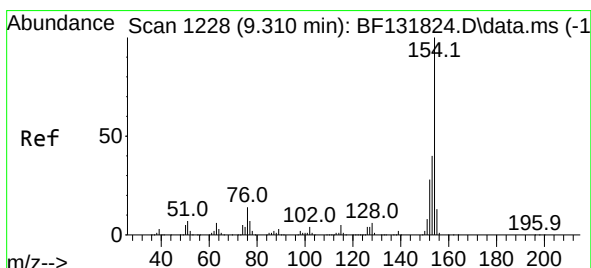
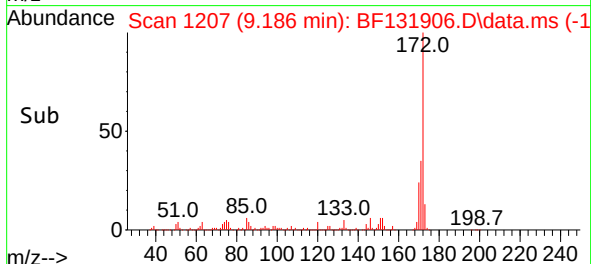
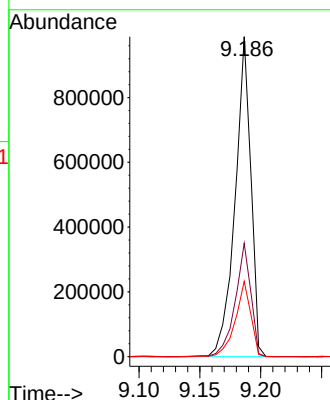
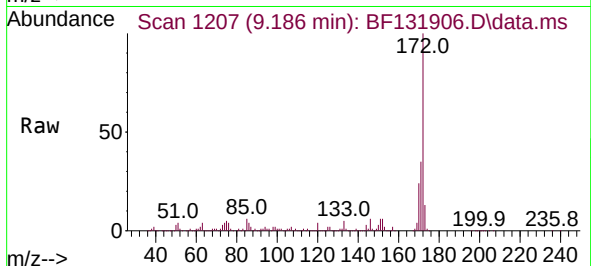
170 23.5 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#46

1,1'-Biphenyl

Concen: 43.314 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

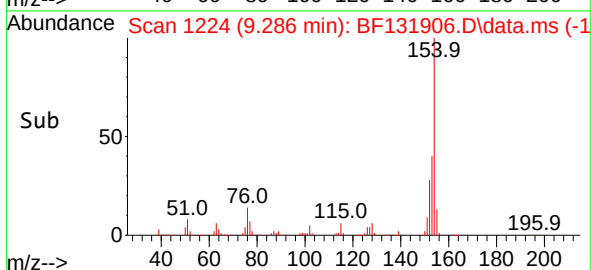
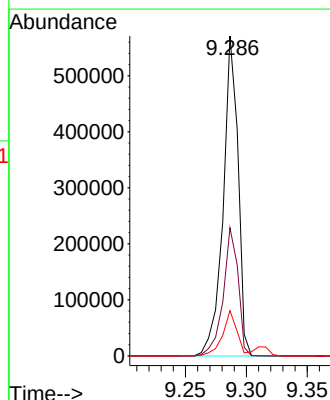
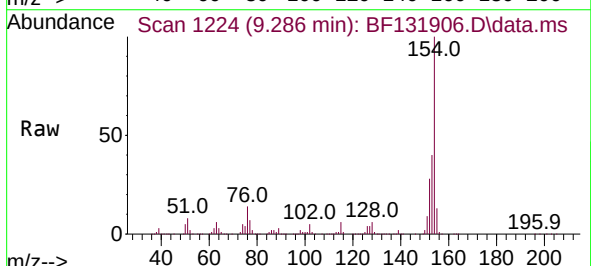
Tgt Ion:154 Resp: 485257

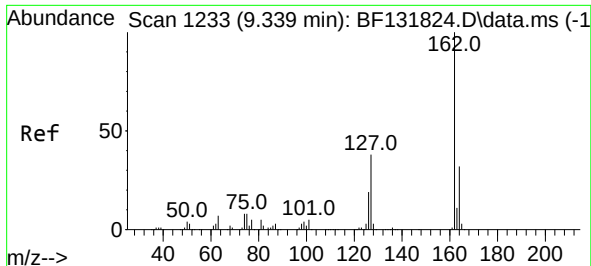
Ion Ratio Lower Upper

154 100

153 40.0 19.8 59.8

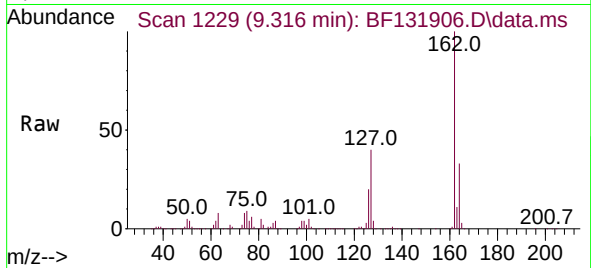
76 14.1 0.0 33.9





#47
2-Chloronaphthalene
Concen: 41.612 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

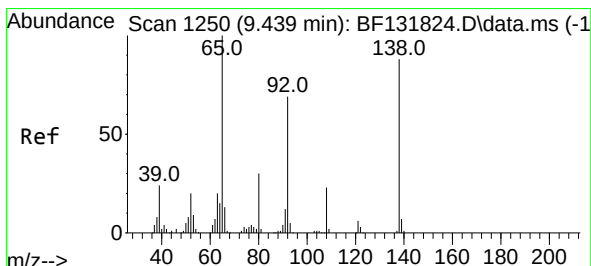
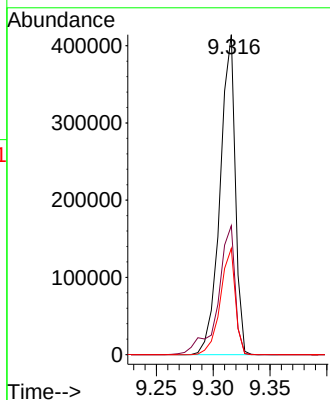
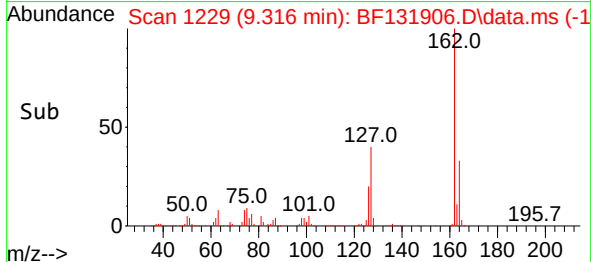
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



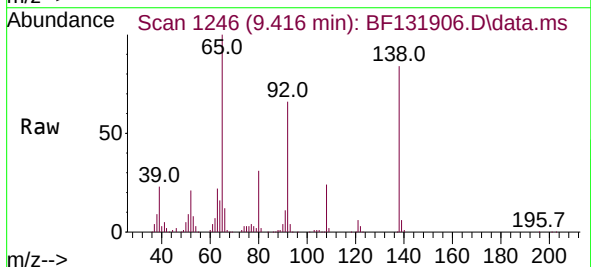
Tgt Ion:162 Resp: 385686
Ion Ratio Lower Upper
162 100
127 40.3 31.0 46.6
164 33.2 25.9 38.9

Manual Integrations
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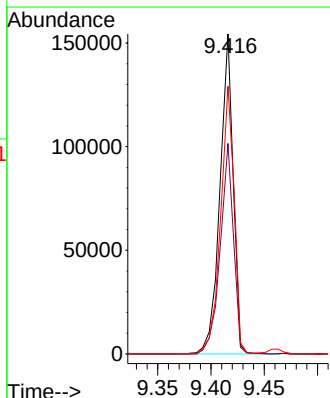
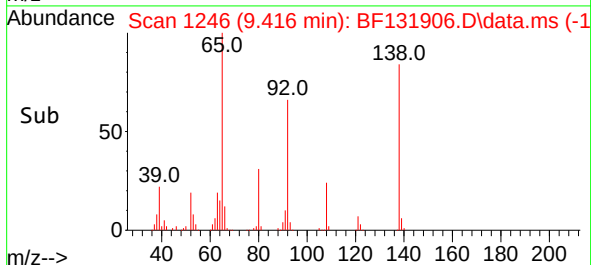
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

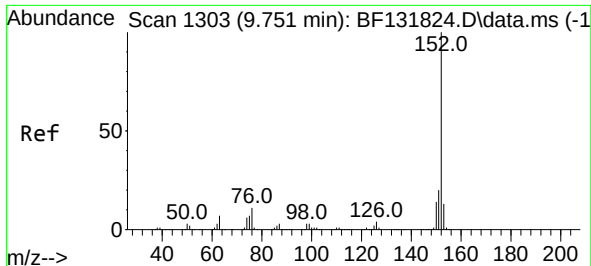


#48
2-Nitroaniline
Concen: 39.480 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion: 65 Resp: 134124
Ion Ratio Lower Upper
65 100
92 65.8 55.0 82.6
138 83.6 70.4 105.6





#49

Acenaphthylene

Concen: 41.150 ng

RT: 9.734 min Scan# 1300

Delta R.T. -0.000 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

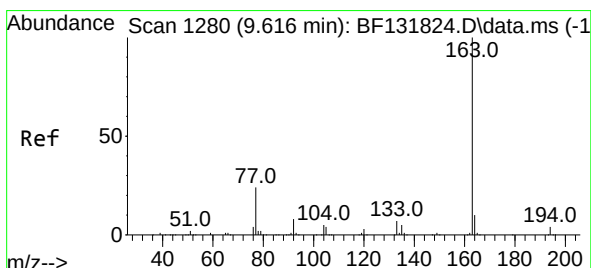
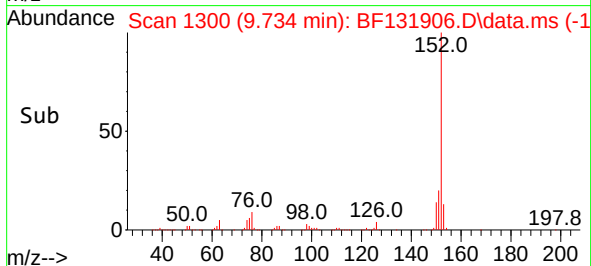
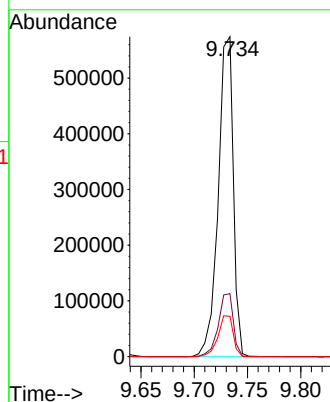
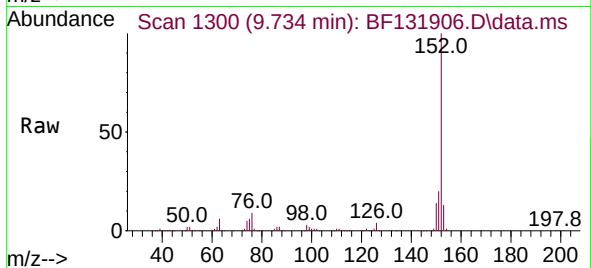
TP-1SMSD

Tgt Ion:152 Resp: 567920
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.6
 153 12.6 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#50

Dimethylphthalate

Concen: 41.894 ng

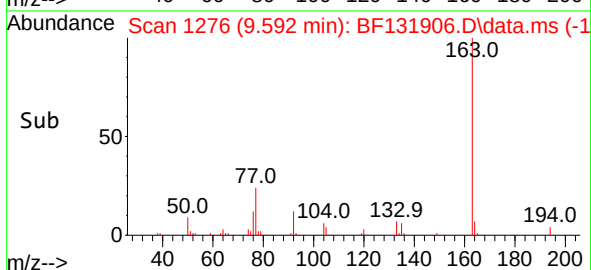
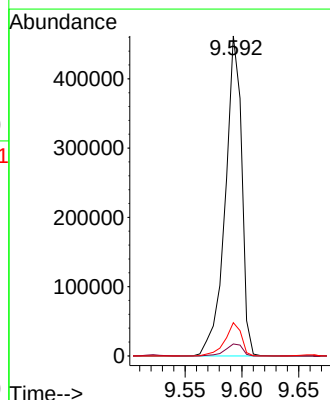
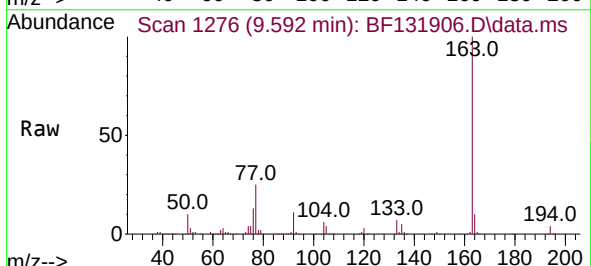
RT: 9.592 min Scan# 1276

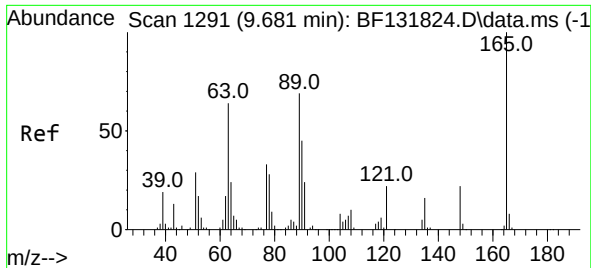
Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Tgt Ion:163 Resp: 463791
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.6
 164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 41.137 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD

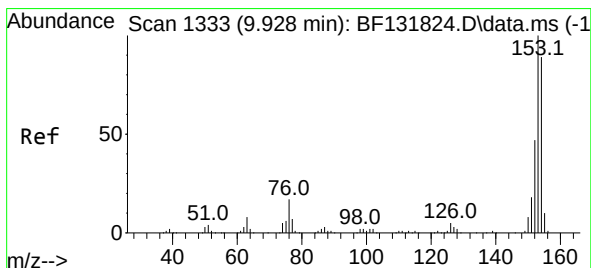
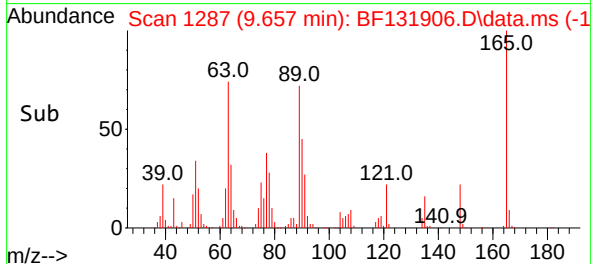
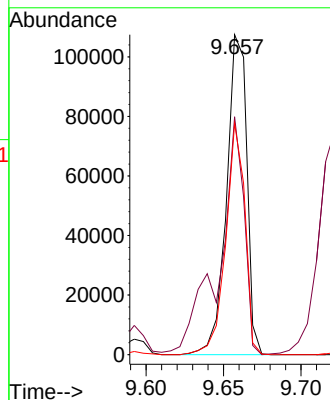
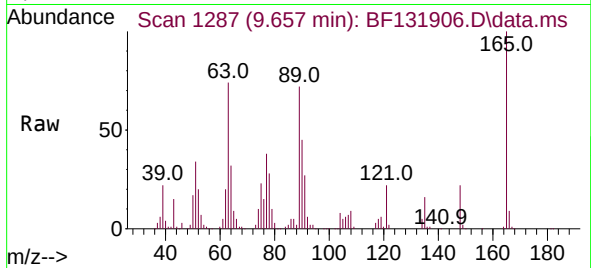
Tgt Ion:165 Resp: 98586

Ion	Ratio	Lower	Upper
165	100		
63	74.3	55.1	82.7
89	72.3	55.0	82.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#52

Acenaphthene

Concen: 39.872 ng

RT: 9.904 min Scan# 1329

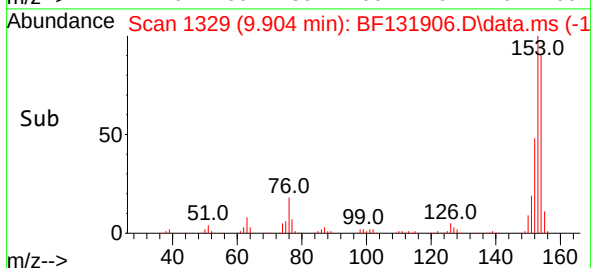
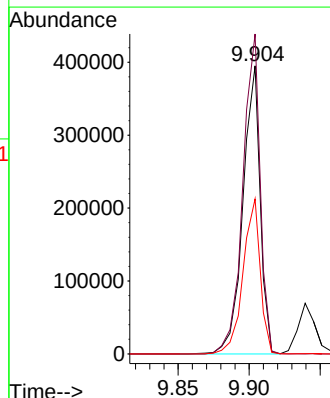
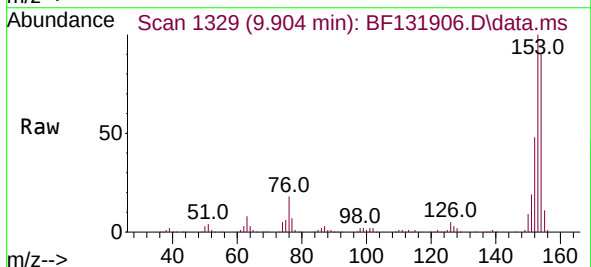
Delta R.T. -0.006 min

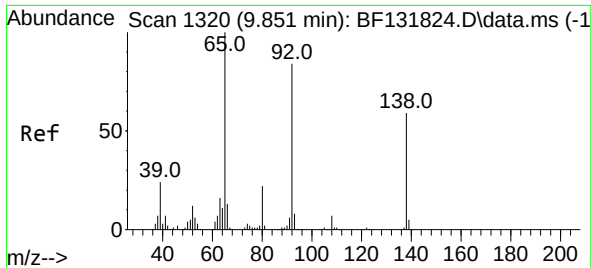
Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Tgt Ion:154 Resp: 332111

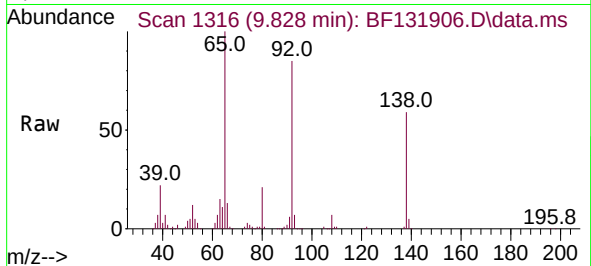
Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.2	135.2
152	53.8	42.5	63.7





#53
3-Nitroaniline
Concen: 19.278 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

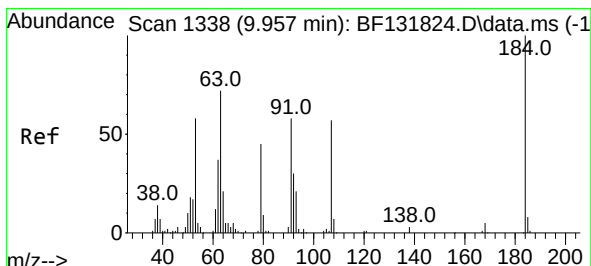
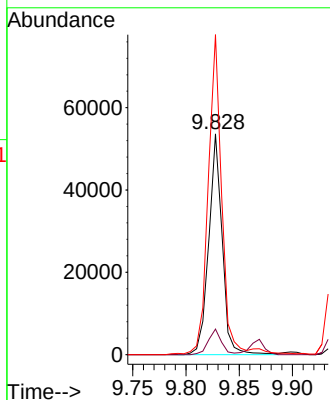
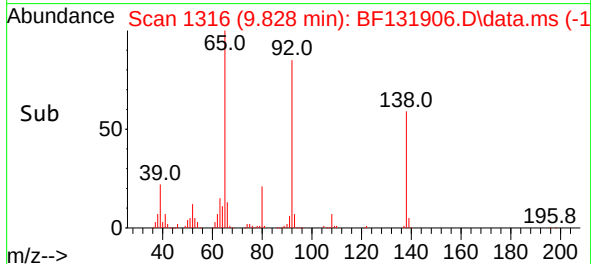
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



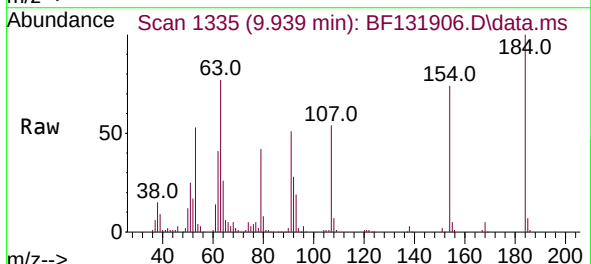
Tgt Ion:138 Resp: 47074
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 145.0 113.9 170.9

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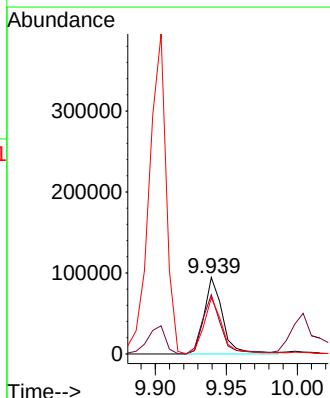
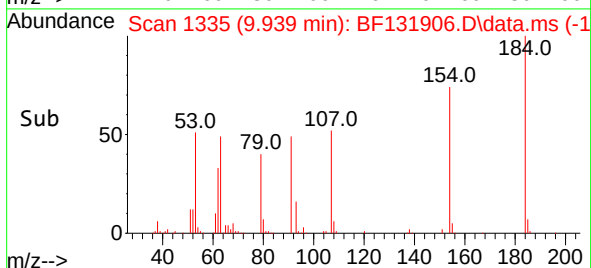
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

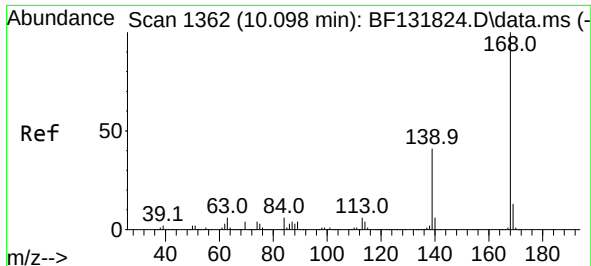


#54
2,4-Dinitrophenol
Concen: 61.529 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



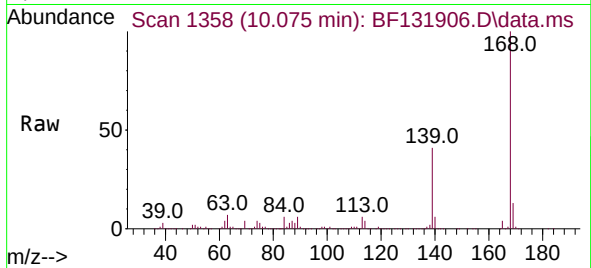
Tgt Ion:184 Resp: 84857
Ion Ratio Lower Upper
184 100
63 77.4 66.8 100.2
154 73.6 61.6 92.4





#55
Dibenzenofuran
Concen: 40.237 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

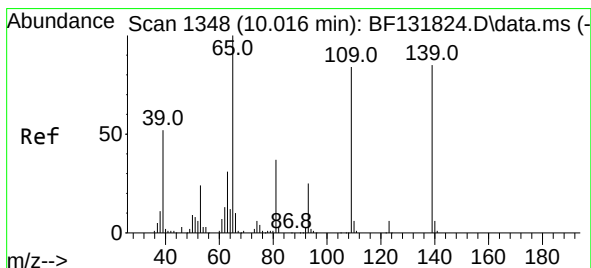
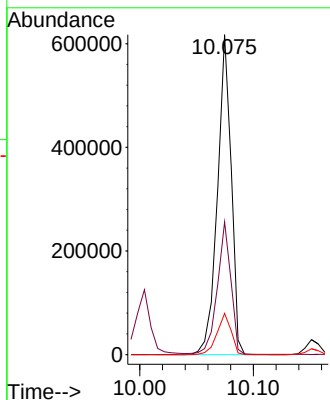
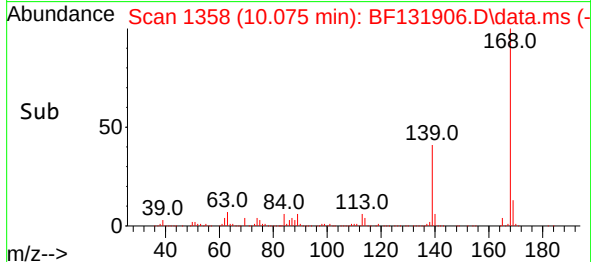
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion:168 Resp: 516366
Ion Ratio Lower Upper
168 100
139 41.5 32.6 49.0
169 12.9 10.5 15.7

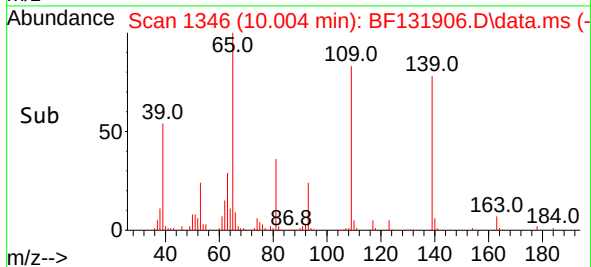
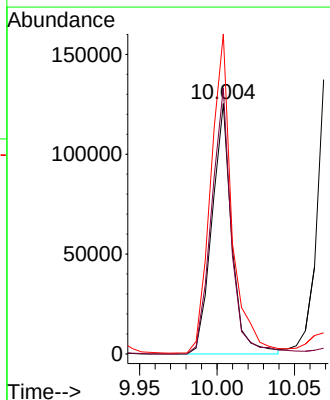
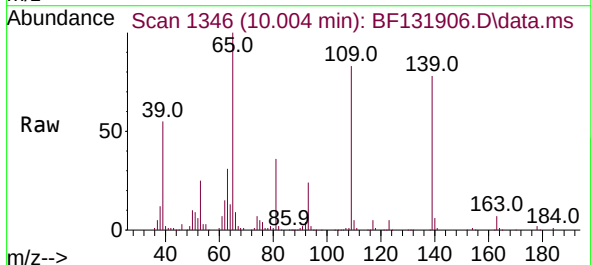
Manual Integrations
APPROVED

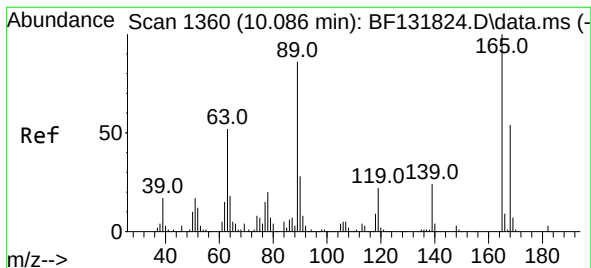
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#56
4-Nitrophenol
Concen: 65.195 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

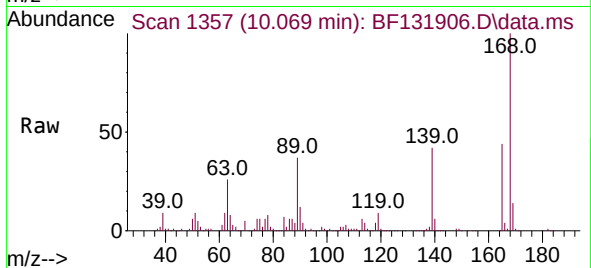
Tgt Ion:139 Resp: 111521
Ion Ratio Lower Upper
139 100
109 106.2 78.5 118.5
65 127.8 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 38.779 ng
RT: 10.069 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

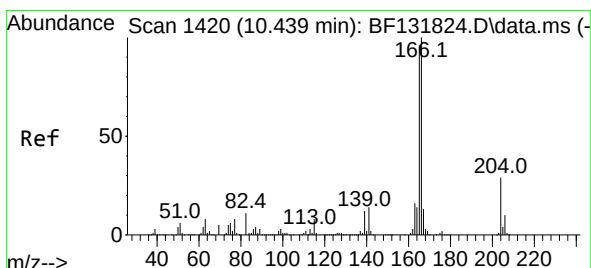
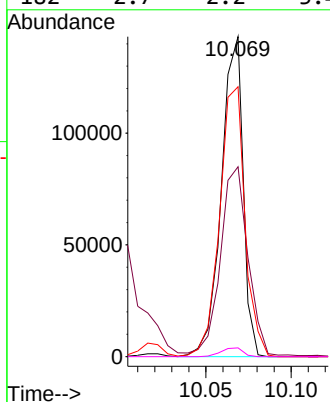
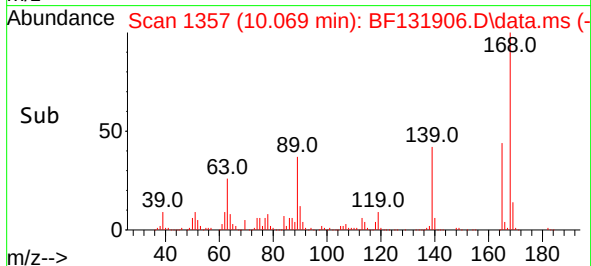
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



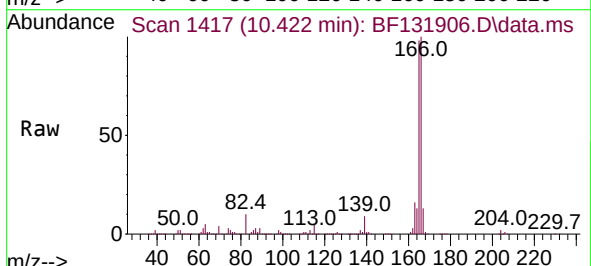
Tgt Ion:165 Resp: 127097
Ion Ratio Lower Upper
165 100
63 59.3 42.1 63.1
89 84.3 69.1 103.7
182 2.7 2.2 3.4

Manual Integrations
APPROVED

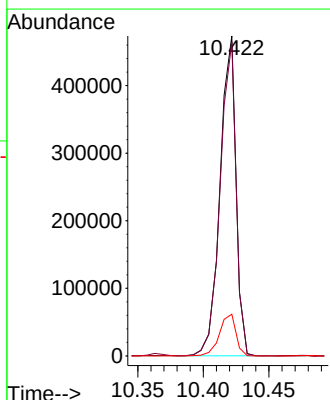
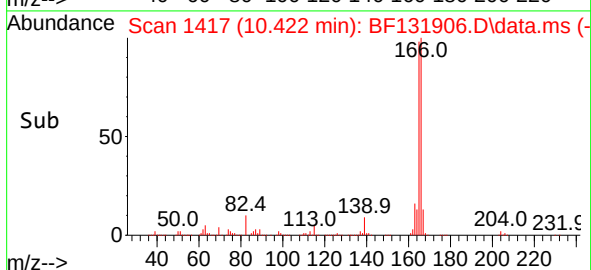
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

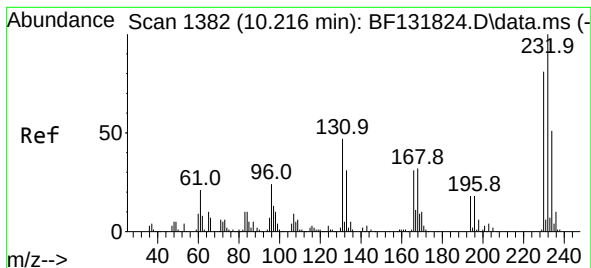


#58
Fluorene
Concen: 38.330 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



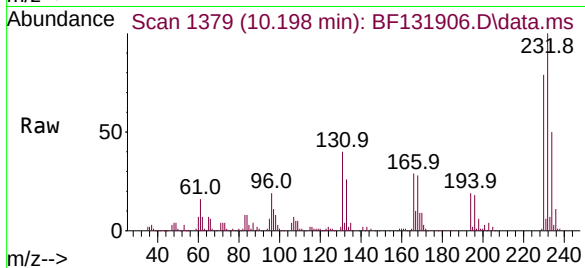
Tgt Ion:166 Resp: 401564
Ion Ratio Lower Upper
166 100
165 98.0 77.0 115.4
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.150 ng m
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

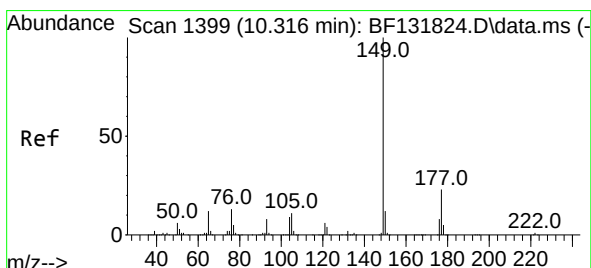
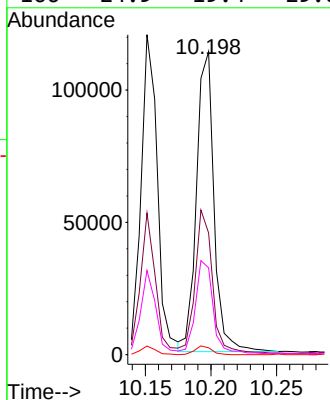
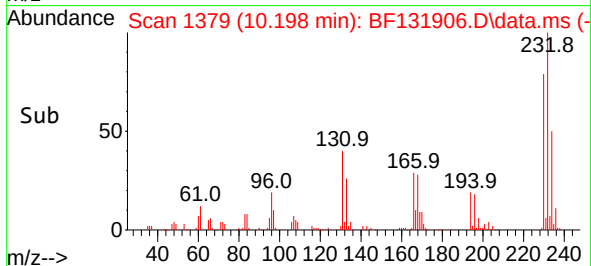
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



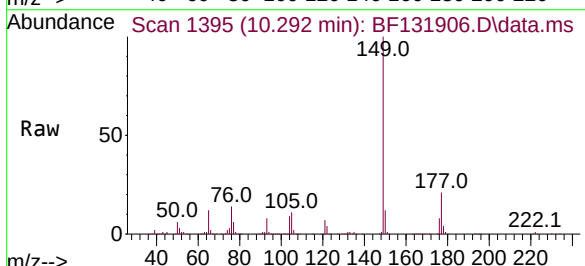
Tgt Ion:232 Resp: 105528
Ion Ratio Lower Upper
232 100
131 41.3 30.1 45.1
130 2.4 1.8 2.6
166 24.9 19.4 29.0

Manual Integrations
APPROVED

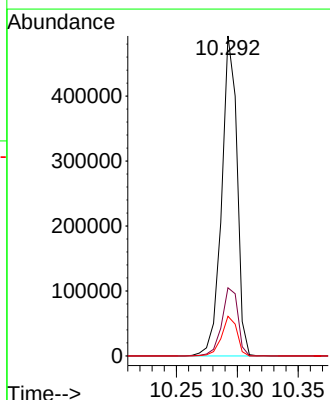
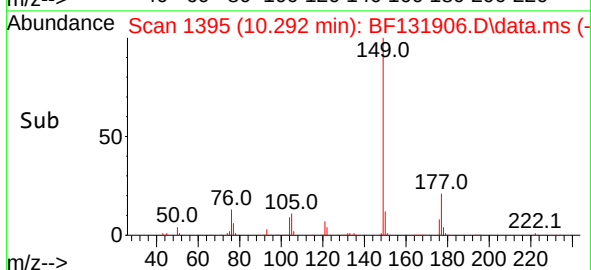
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

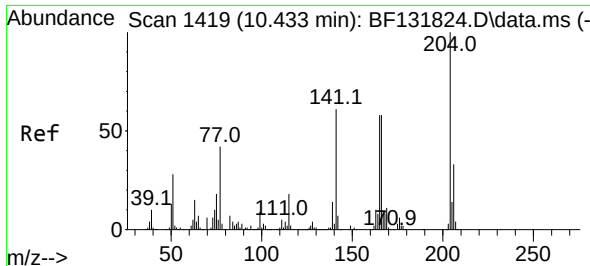


#60
Diethylphthalate
Concen: 40.460 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



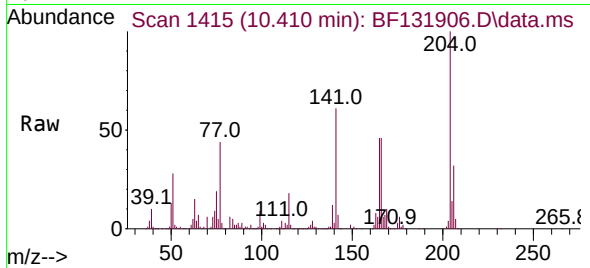
Tgt Ion:149 Resp: 431098
Ion Ratio Lower Upper
149 100
177 21.3 18.1 27.1
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.123 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

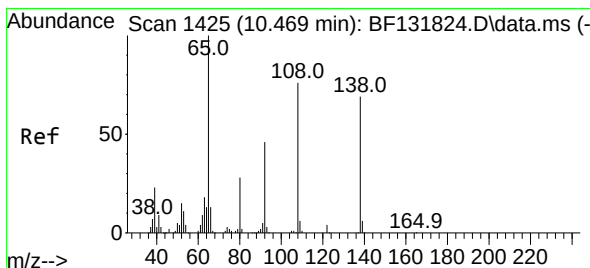
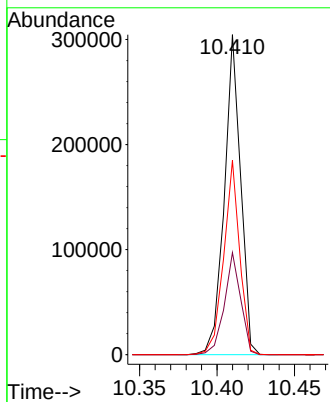
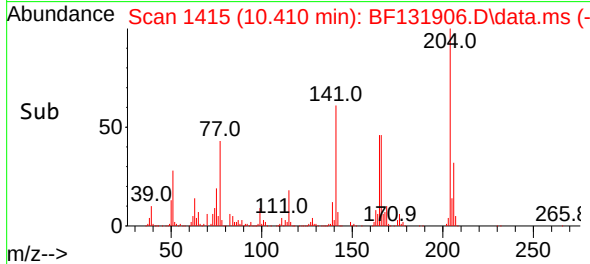
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion:204 Resp: 223962
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 60.7 49.0 73.4

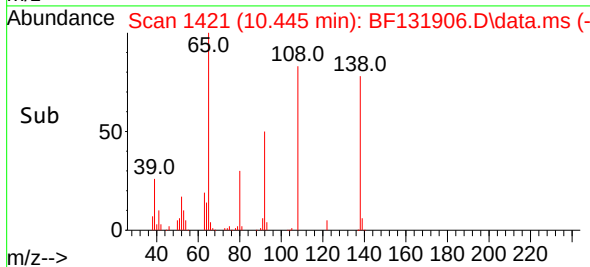
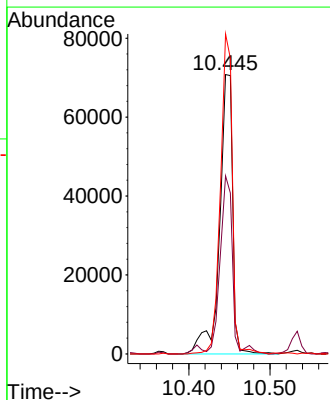
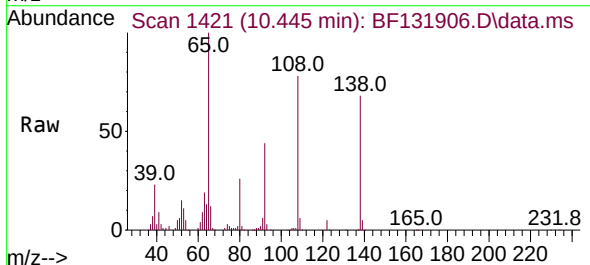
Manual Integrations
APPROVED

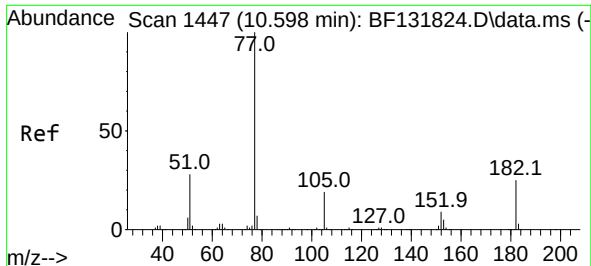
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#62
4-Nitroaniline
Concen: 30.820 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

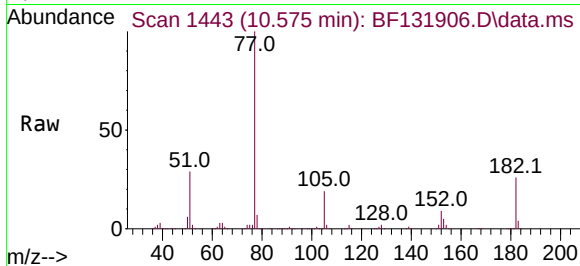
Tgt Ion:138 Resp: 78432
Ion Ratio Lower Upper
138 100
92 63.7 47.2 87.2
108 114.6 89.2 129.2





#63
Azobenzene
Concen: 38.023 ng
RT: 10.575 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

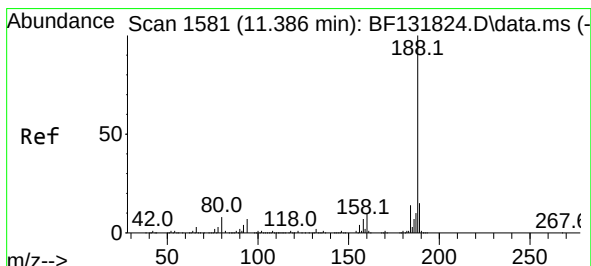
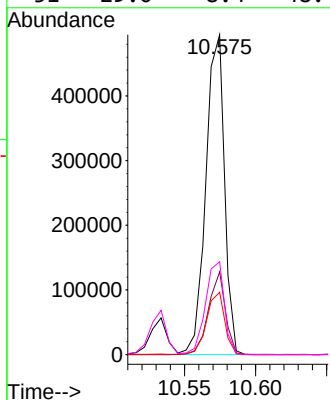
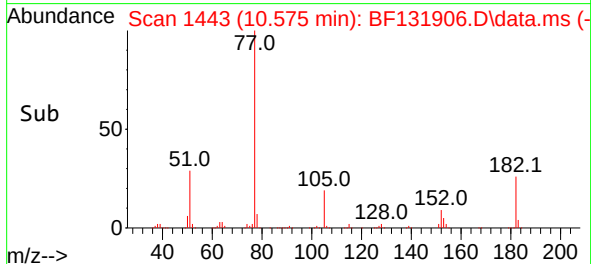
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



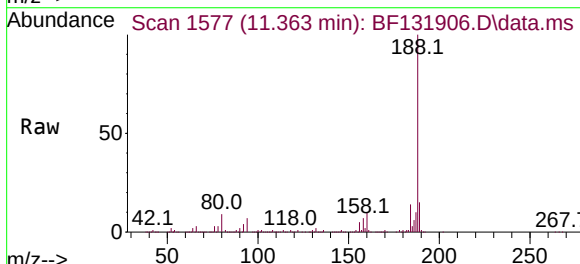
Tgt Ion: 77 Resp: 449626
Ion Ratio Lower Upper
77 100
182 25.9 5.0 45.0
105 19.5 0.0 39.4
51 29.0 8.4 48.4

Manual Integrations
APPROVED

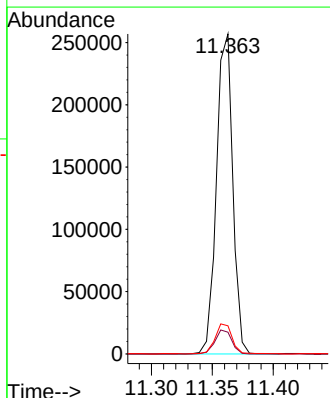
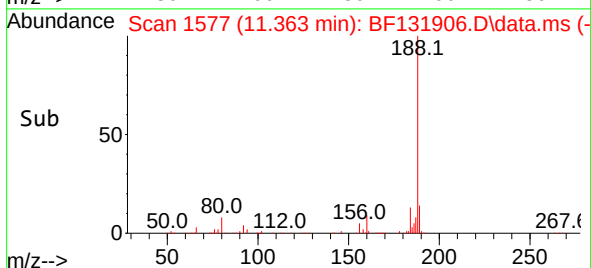
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

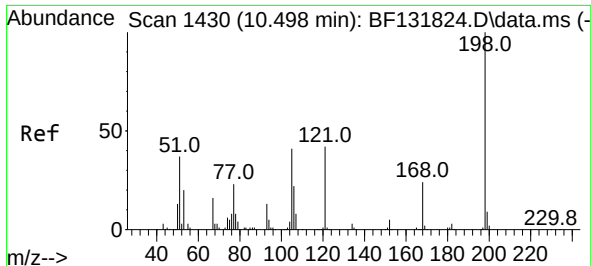


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion:188 Resp: 238381
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.6
80 8.8 6.7 10.1





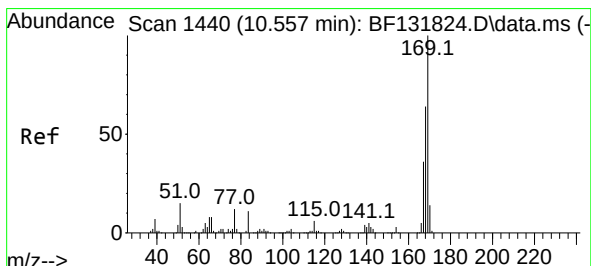
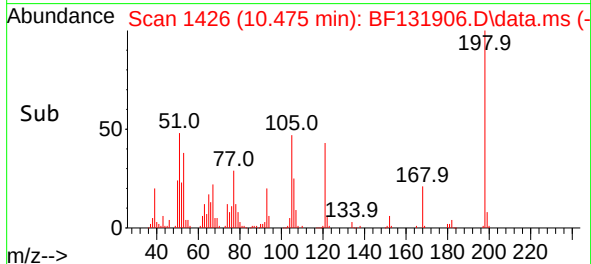
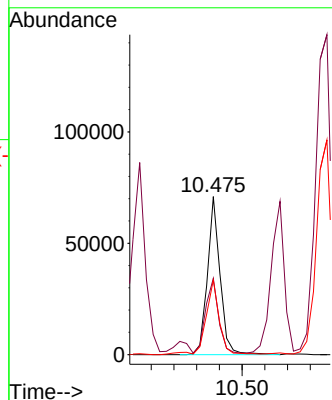
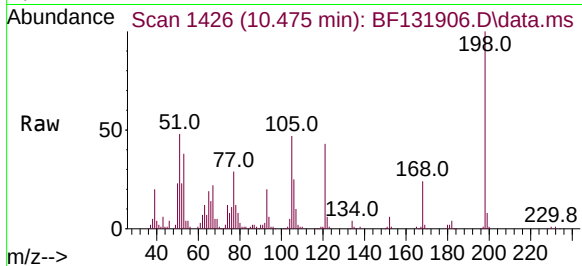
#65
4,6-Dinitro-2-methylphenol
Concen: 33.858 ng
RT: 10.475 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Instrument :
BNA_F
ClientSampleId :
TP-1SMSD

Tgt Ion:198 Resp: 54953
Ion Ratio Lower Upper
198 100
51 48.2 21.6 61.6
105 47.2 22.0 62.0

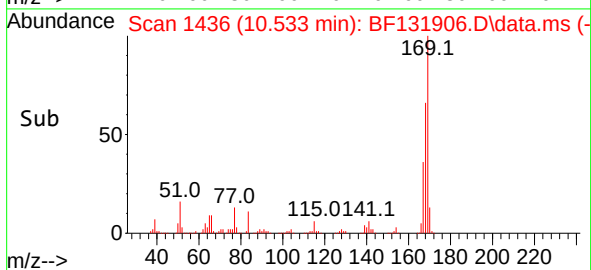
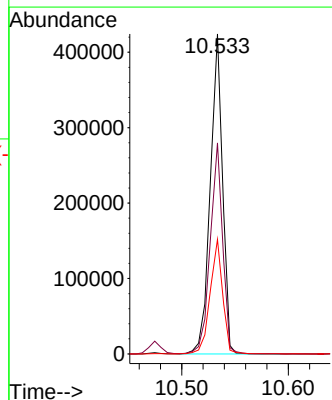
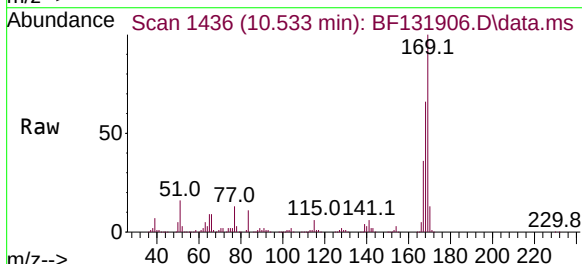
Manual Integrations
APPROVED

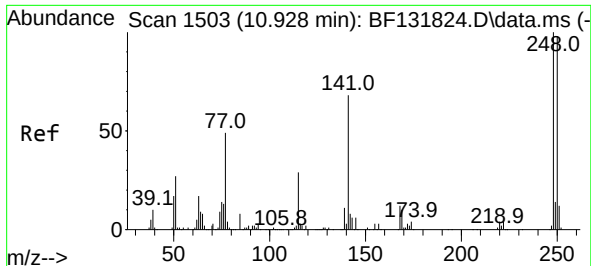
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#66
n-Nitrosodiphenylamine
Concen: 46.821 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

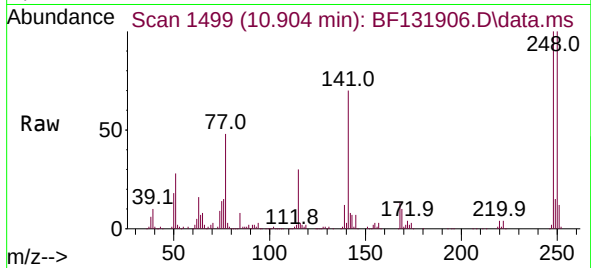
Tgt Ion:169 Resp: 340464
Ion Ratio Lower Upper
169 100
168 65.9 51.5 77.3
167 35.8 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 45.468 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

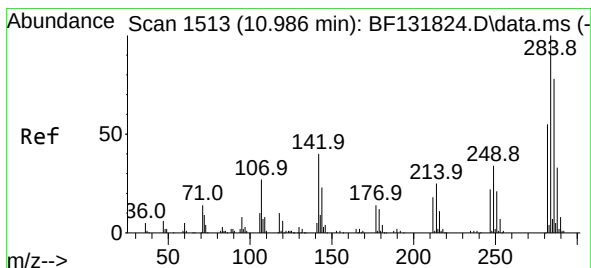
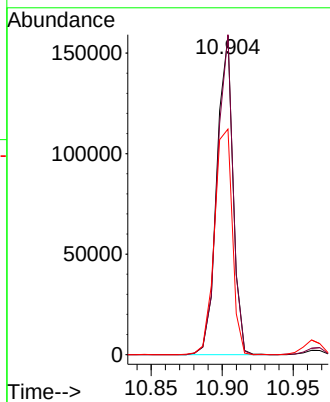
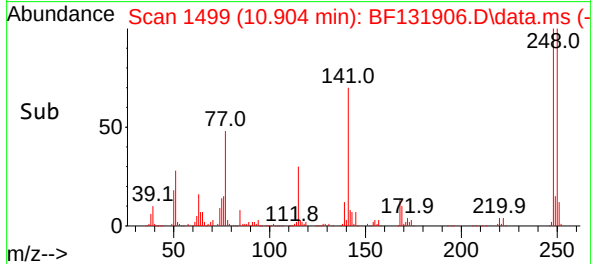
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



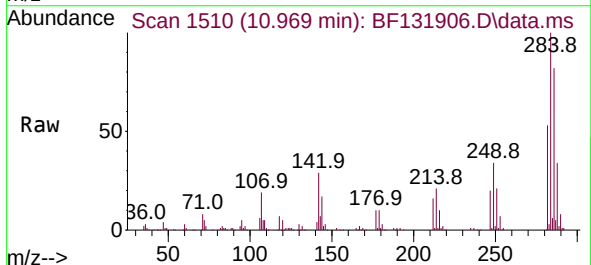
Tgt Ion:248 Resp: 125621
Ion Ratio Lower Upper
248 100
250 100.3 78.0 117.0
141 70.7 54.8 82.2

Manual Integrations
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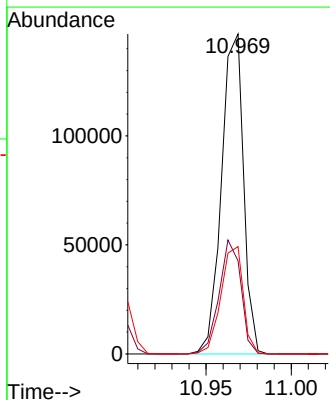
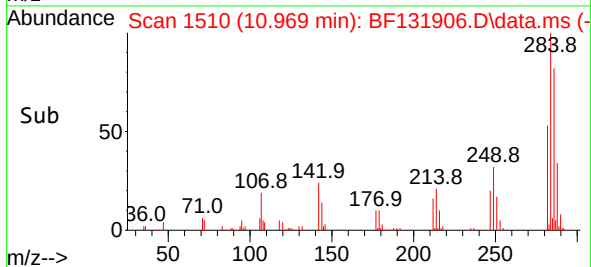
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

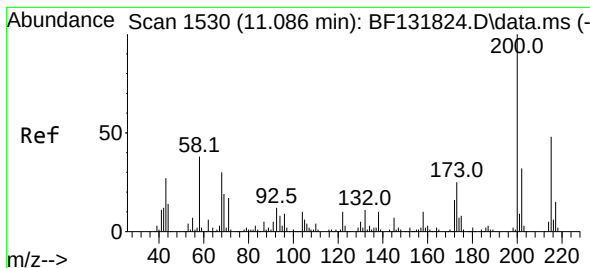


#68
Hexachlorobenzene
Concen: 43.490 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion:284 Resp: 131995
Ion Ratio Lower Upper
284 100
142 29.1 31.6 47.4#
249 33.5 26.9 40.3





#69

Atrazine

Concen: 50.109 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

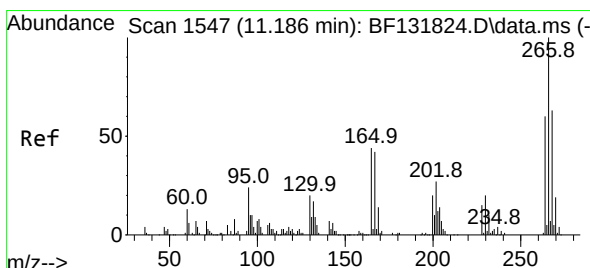
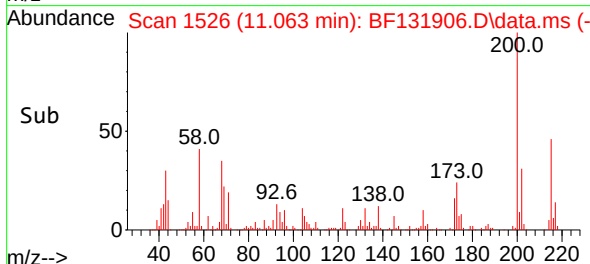
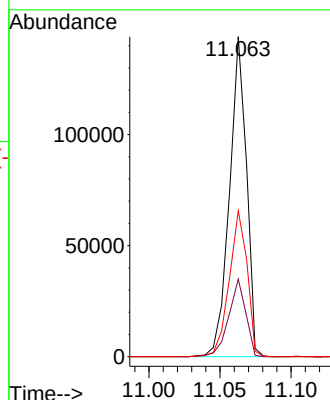
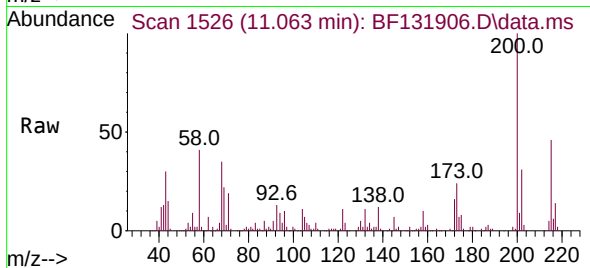
TP-1SMSD

Tgt Ion:200 Resp: 119958
 Ion Ratio Lower Upper
 200 100
 173 24.2 4.5 44.5
 215 45.6 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#70

Pentachlorophenol

Concen: 84.955 ng

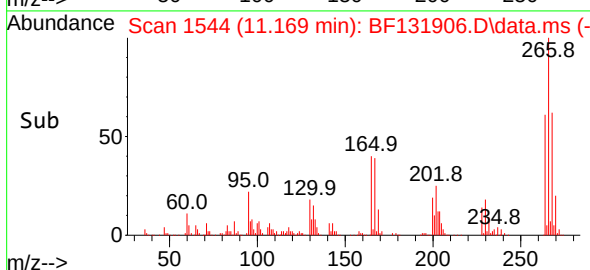
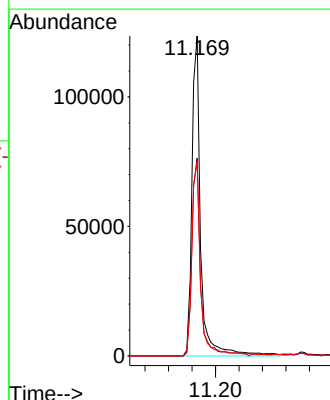
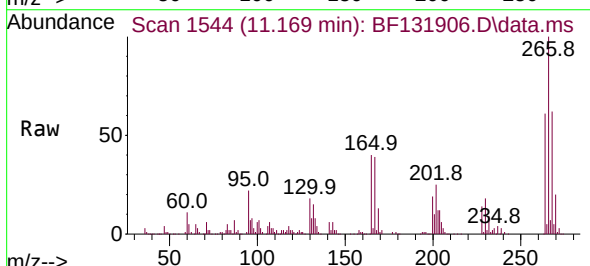
RT: 11.169 min Scan# 1544

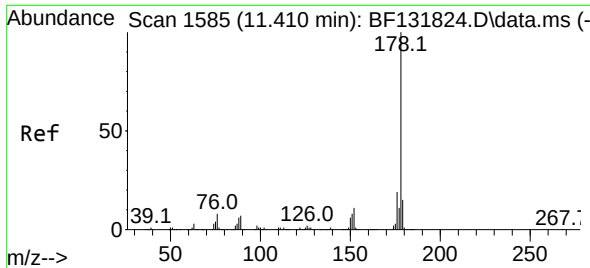
Delta R.T. -0.000 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Tgt Ion:266 Resp: 127586
 Ion Ratio Lower Upper
 266 100
 268 61.8 50.5 75.7
 264 60.5 48.3 72.5





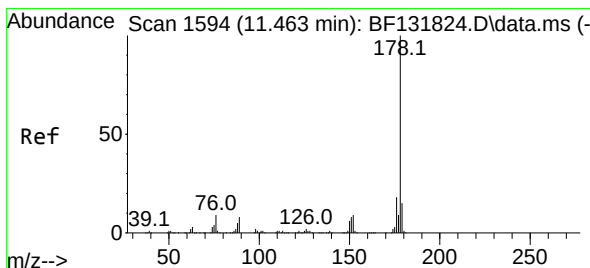
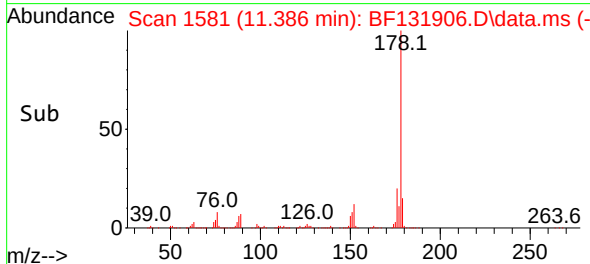
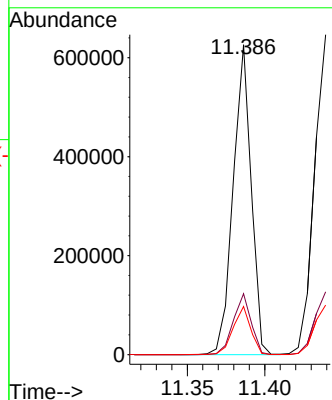
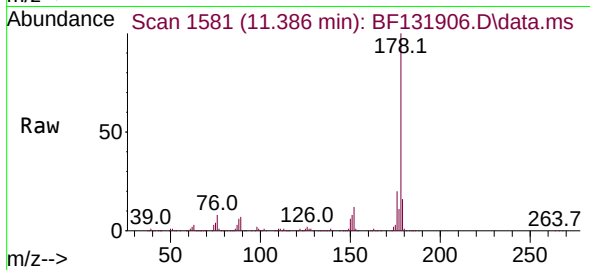
#71
Phenanthrene
Concen: 38.842 ng
RT: 11.386 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Instrument :
BNA_F
ClientSampleId :
TP-1SMSD

Tgt Ion:178 Resp: 509170
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.5 12.2 18.4

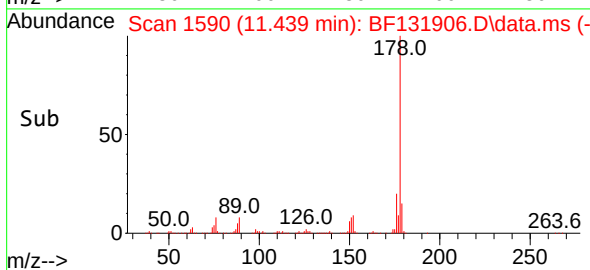
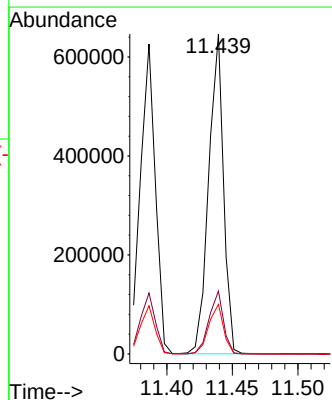
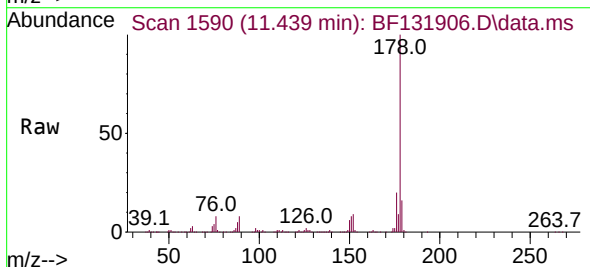
Manual Integrations
APPROVED

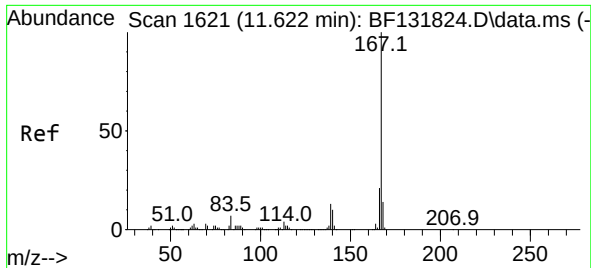
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#72
Anthracene
Concen: 39.472 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

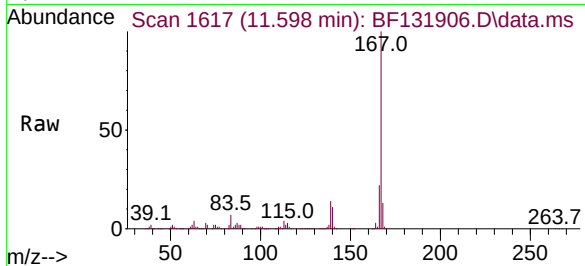
Tgt Ion:178 Resp: 506173
Ion Ratio Lower Upper
178 100
176 19.6 14.8 22.2
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 38.233 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF131906.D
 Acq: 04 Jan 2023 19:07

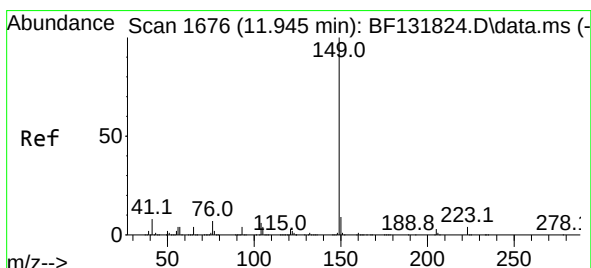
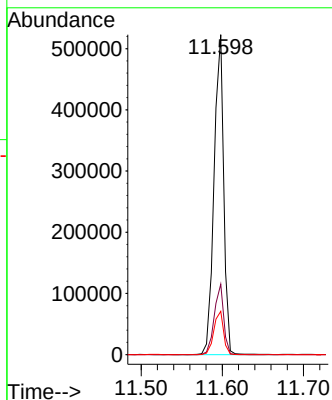
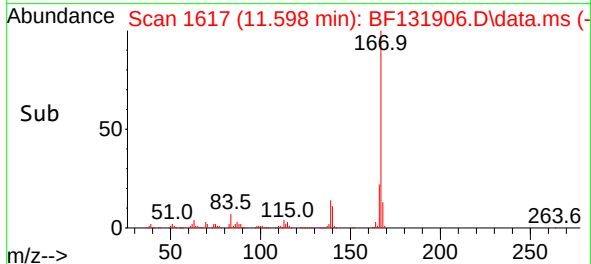
Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMSD



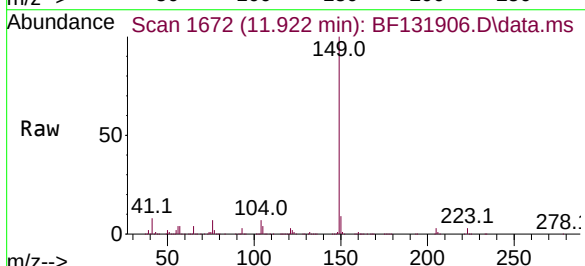
Tgt Ion:167 Resp: 432830
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.6 24.8
 139 13.5 10.6 15.8

Manual Integrations
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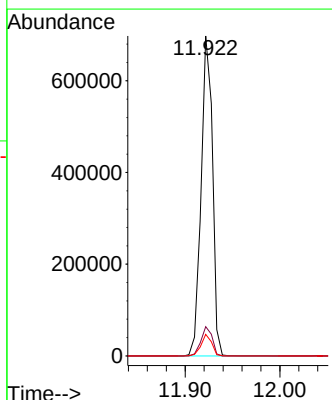
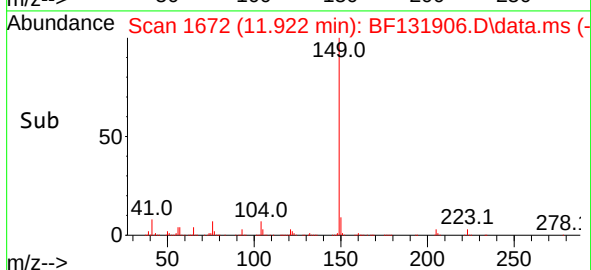
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023

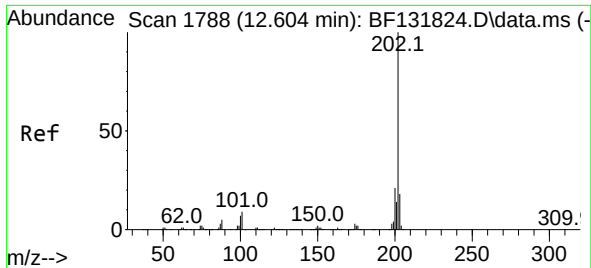


#74
 Di-n-butylphthalate
 Concen: 42.486 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF131906.D
 Acq: 04 Jan 2023 19:07



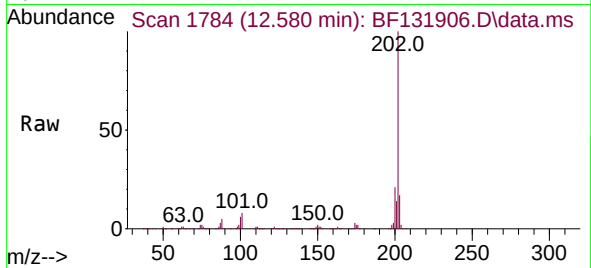
Tgt Ion:149 Resp: 581365
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 6.7 5.1 7.7





#75
Fluoranthene
Concen: 31.311 ng
RT: 12.580 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

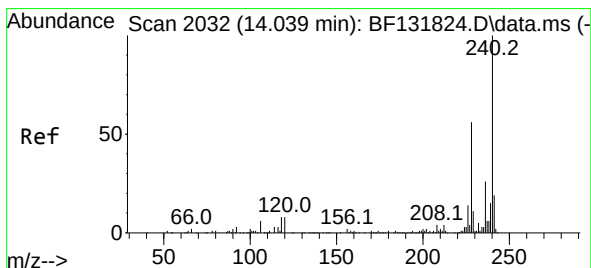
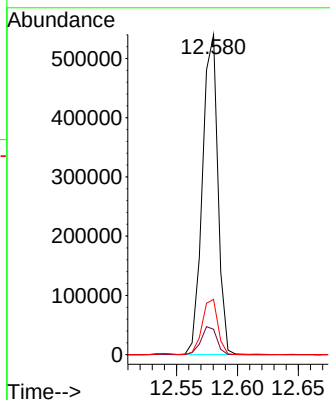
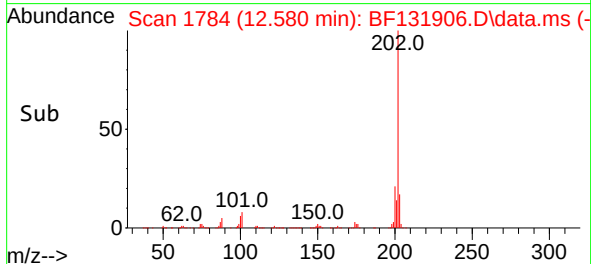
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion:202 Resp: 478096
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.6
203 17.3 0.0 37.8

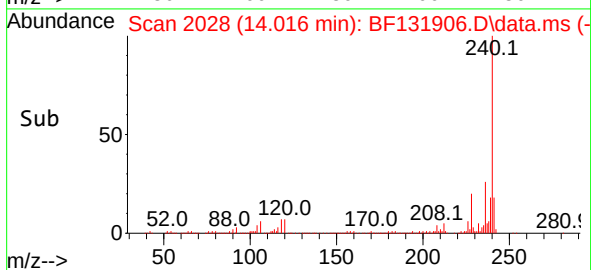
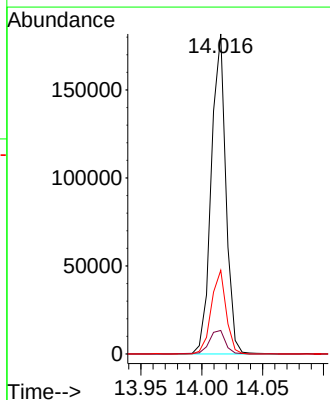
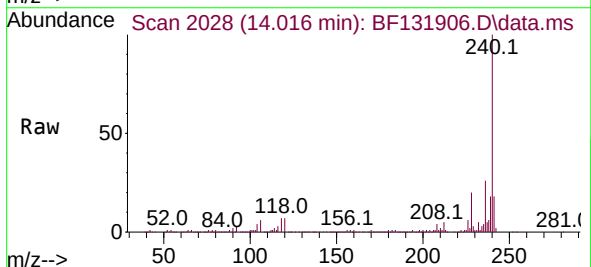
Manual Integrations
APPROVED

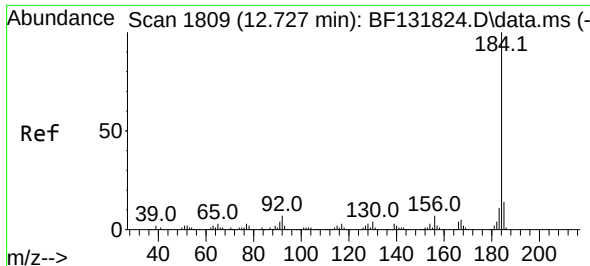
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

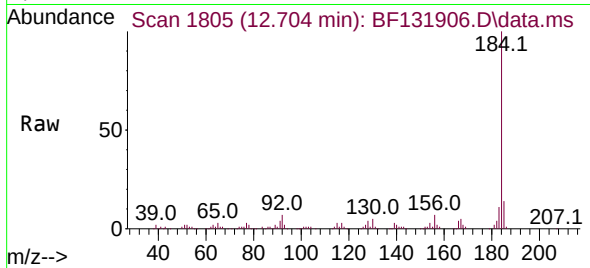
Tgt Ion:240 Resp: 151397
Ion Ratio Lower Upper
240 100
120 7.3 6.7 10.1
236 26.1 20.6 31.0





#77
Benzidine
Concen: 31.104 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

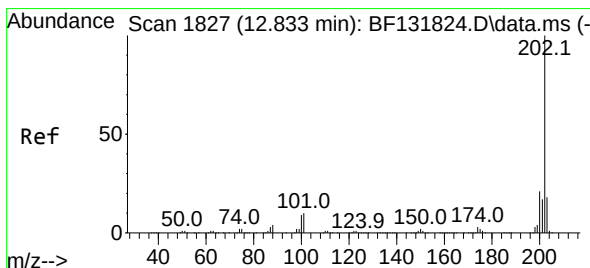
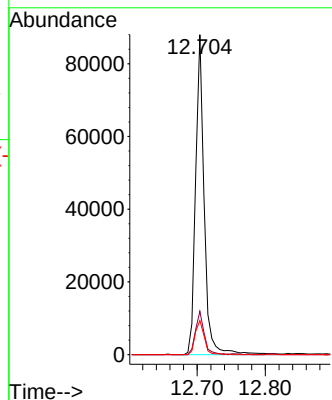
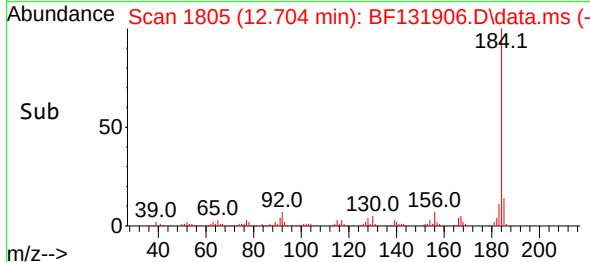
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



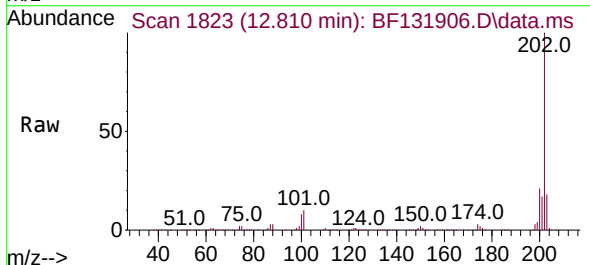
Tgt Ion:184 Resp: 7738
Ion Ratio Lower Upper
184 100
185 13.5 11.6 17.4
183 10.6 9.0 13.4

Manual Integrations
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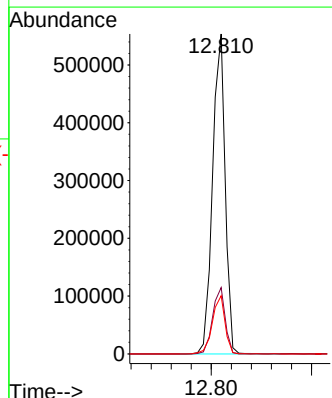
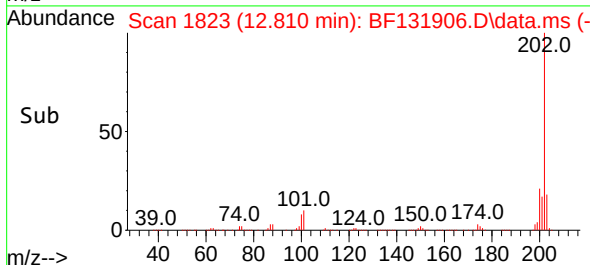
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

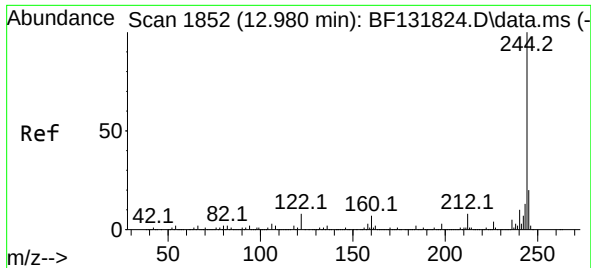


#78
Pyrene
Concen: 37.918 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



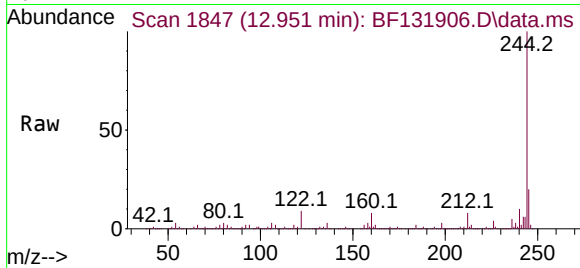
Tgt Ion:202 Resp: 481166
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 18.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 76.675 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131906.D
 Acq: 04 Jan 2023 19:07

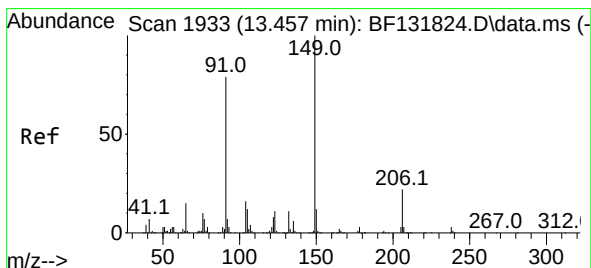
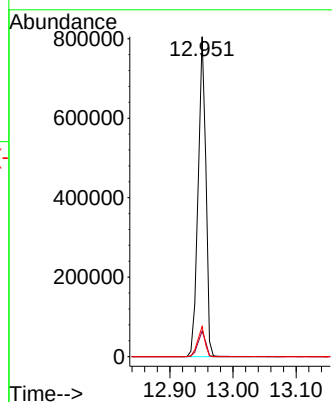
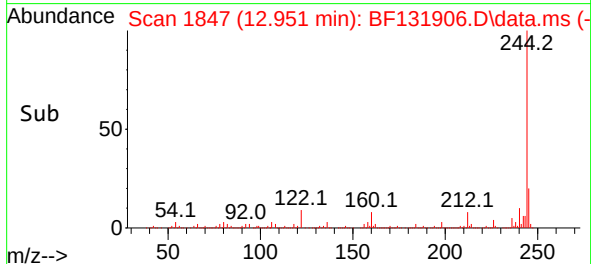
Instrument :
 BNA_F
 ClientSampleId :
 TP-1SMSD



Tgt Ion:244 Resp: 686262
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.4 6.4 9.6

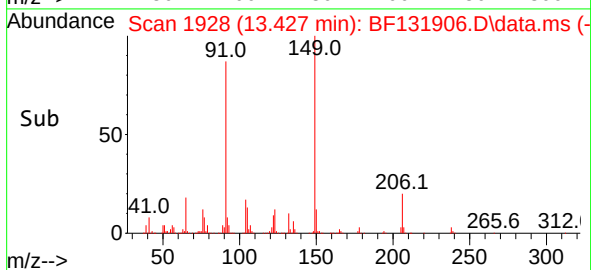
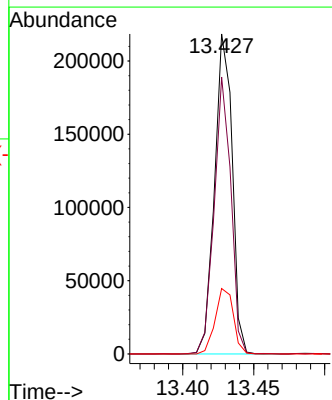
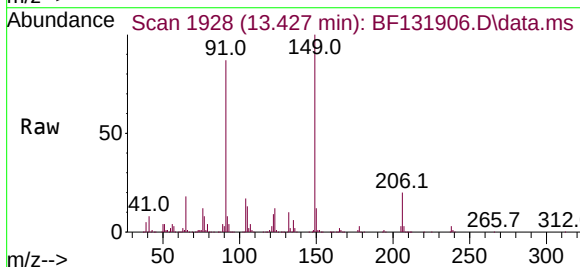
Manual Integrations
 APPROVED

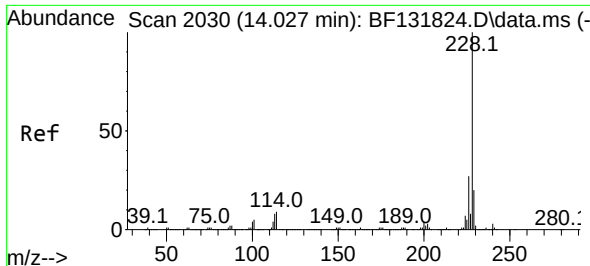
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#80
 Butylbenzylphthalate
 Concen: 40.137 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF131906.D
 Acq: 04 Jan 2023 19:07

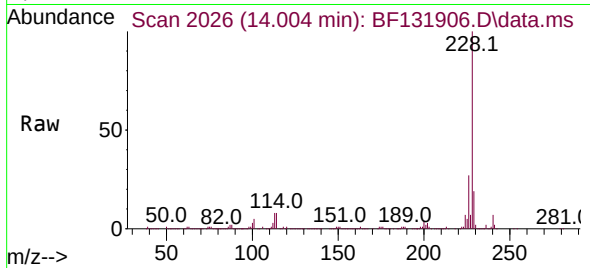
Tgt Ion:149 Resp: 188913
 Ion Ratio Lower Upper
 149 100
 91 86.5 63.2 94.8
 206 20.4 17.9 26.9





#81
Benzo(a)anthracene
Concen: 40.776 ng
RT: 14.004 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

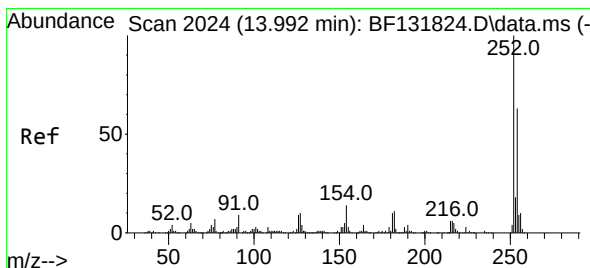
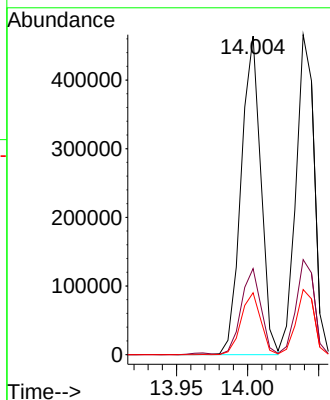
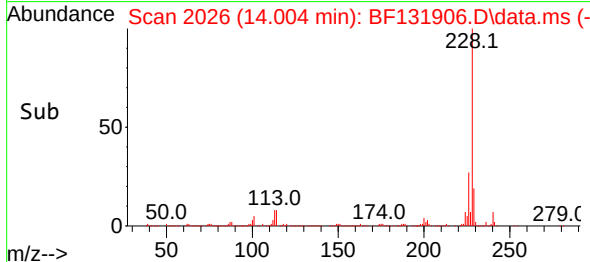
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



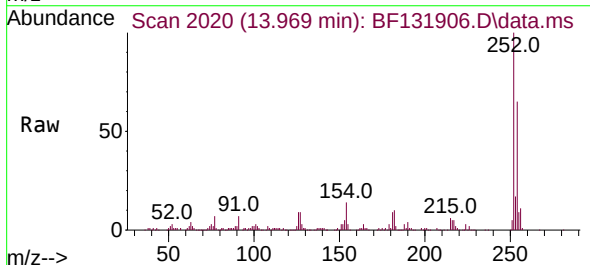
Tgt Ion:228 Resp: 446969
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.4 16.0 24.0

Manual Integrations
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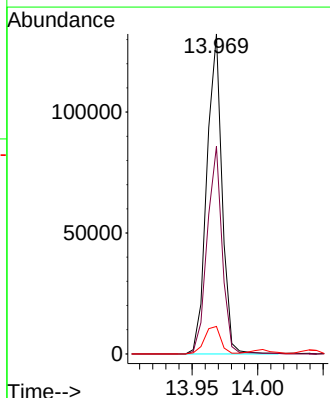
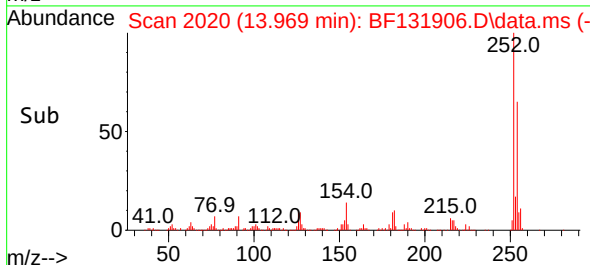
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

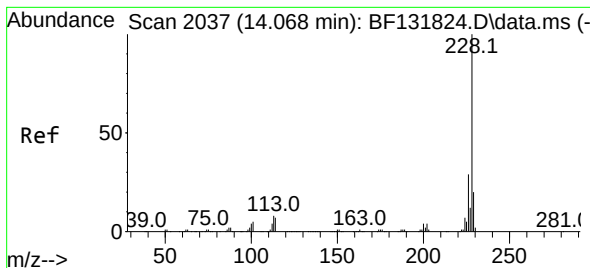


#82
3,3'-Dichlorobenzidine
Concen: 33.583 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion:252 Resp: 106400
Ion Ratio Lower Upper
252 100
254 64.8 50.4 75.6
126 8.6 7.5 11.3





#83

Chrysene

Concen: 40.625 ng

RT: 14.039 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD

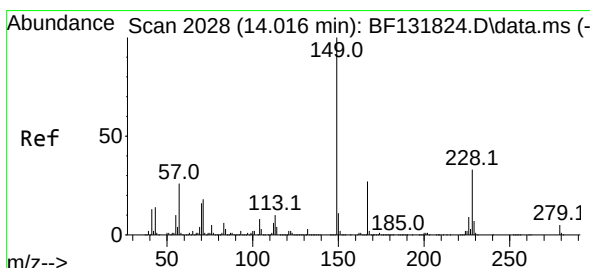
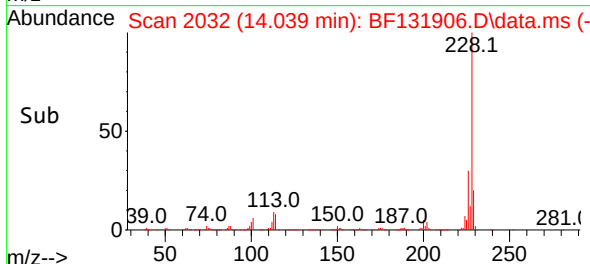
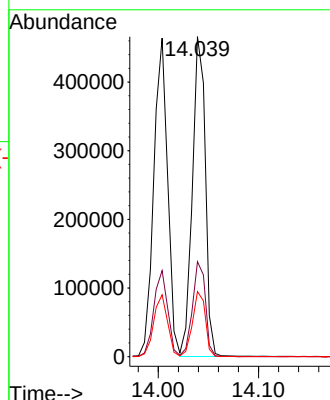
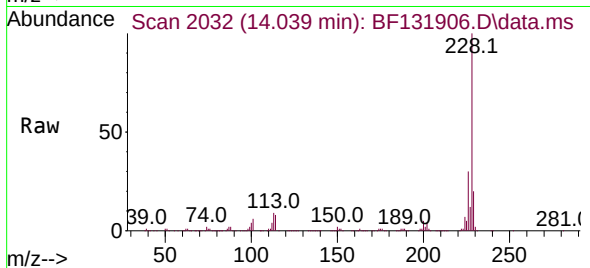
Tgt Ion:228 Resp: 418453

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	20.3	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.331 ng

RT: 13.986 min Scan# 2023

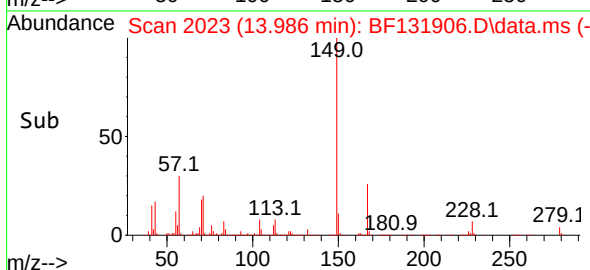
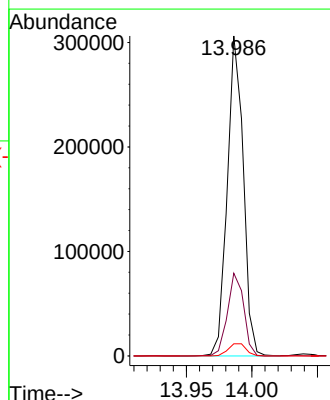
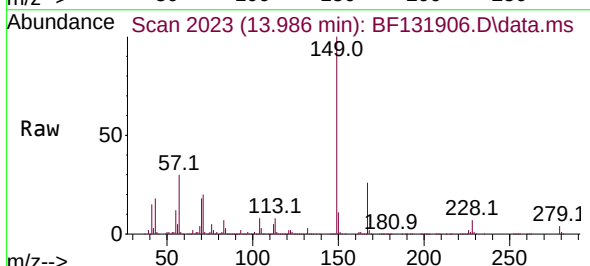
Delta R.T. -0.006 min

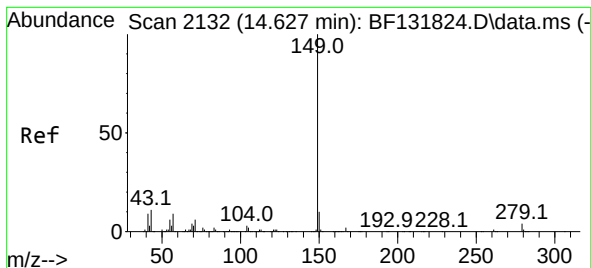
Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Tgt Ion:149 Resp: 259782

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.8	32.6
279	3.8	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 59.903 ng

RT: 14.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD

Tgt Ion:149 Resp: 462128

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

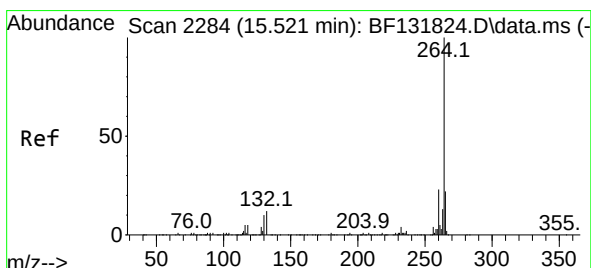
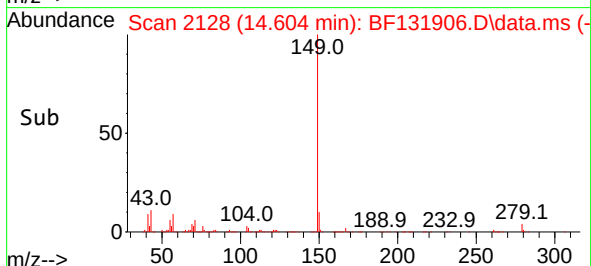
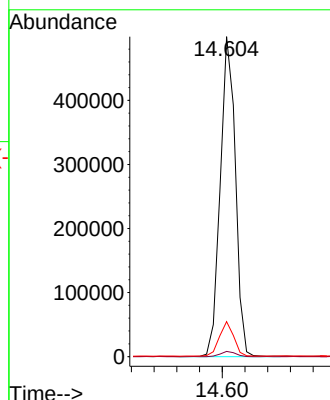
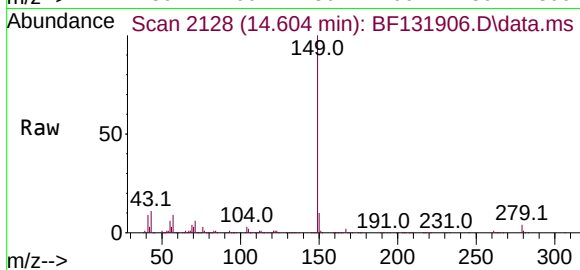
43 10.2 8.1 12.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

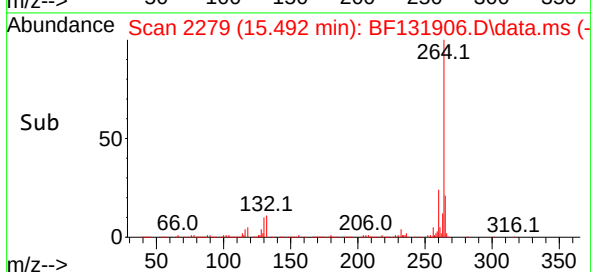
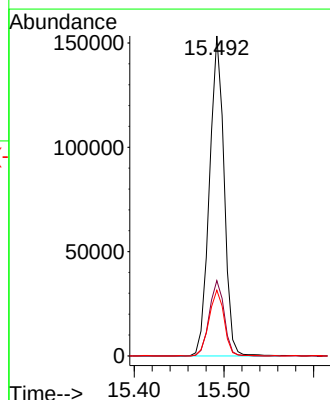
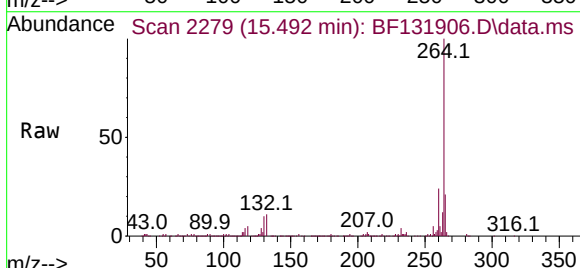
Tgt Ion:264 Resp: 173258

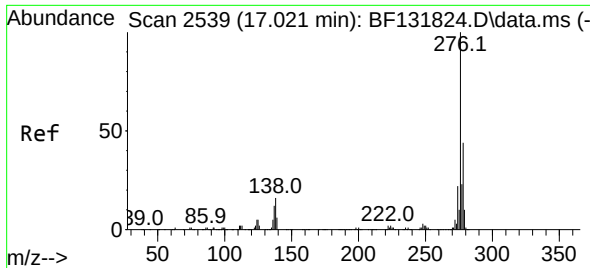
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

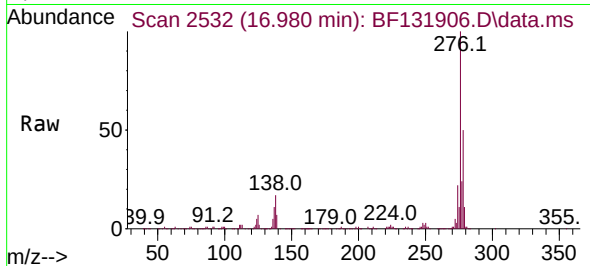
265 20.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.683 ng
RT: 16.980 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

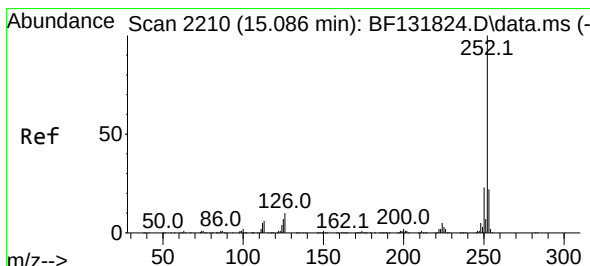
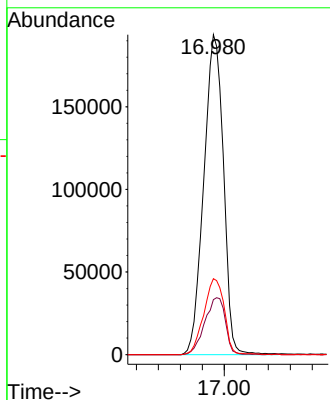
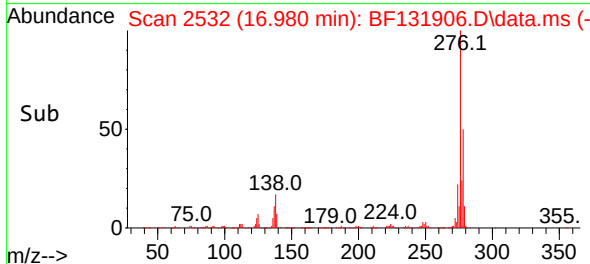
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



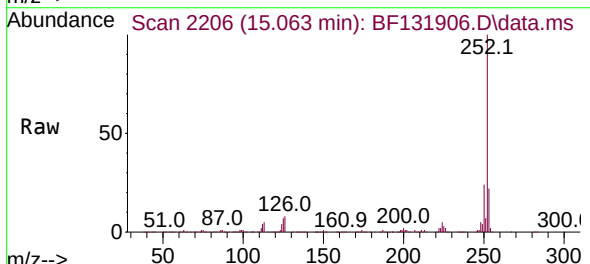
Tgt Ion:276 Resp: 480831
Ion Ratio Lower Upper
276 100
138 18.6 14.5 21.7
277 24.7 19.7 29.5

Manual Integrations
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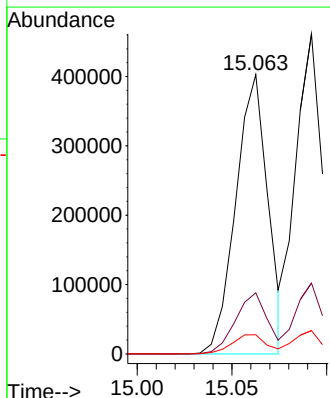
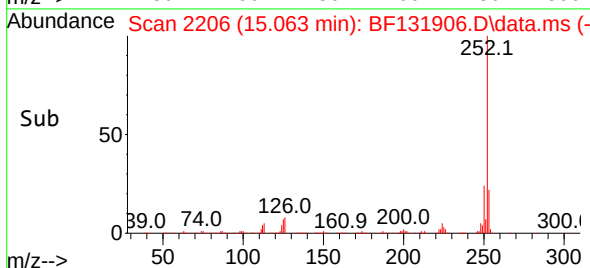
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

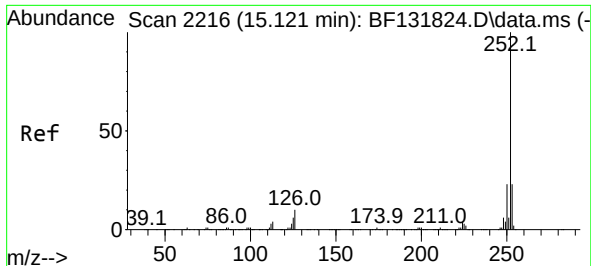


#88
Benzo(b)fluoranthene
Concen: 37.390 ng
RT: 15.063 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07



Tgt Ion:252 Resp: 474998
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 6.8 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 37.322 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

Instrument :

BNA_F

ClientSampleId :

TP-1SMSD

Tgt Ion:252 Resp: 45812

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

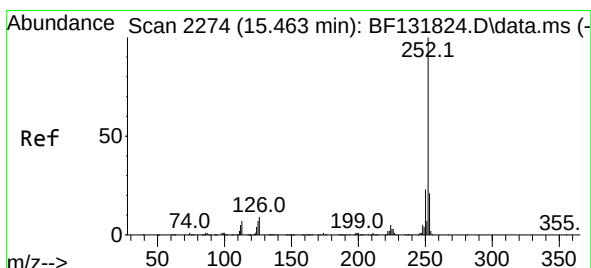
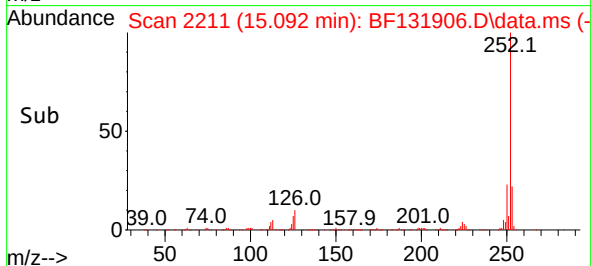
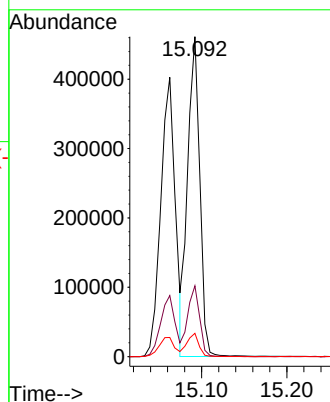
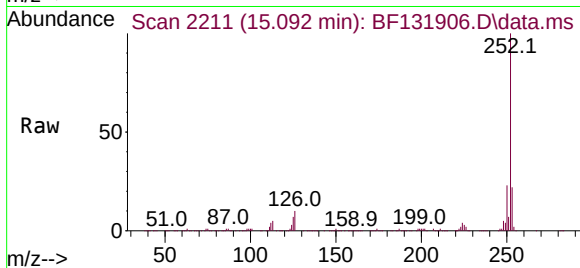
125 7.3 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#90

Benzo(a)pyrene

Concen: 41.773 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF131906.D

Acq: 04 Jan 2023 19:07

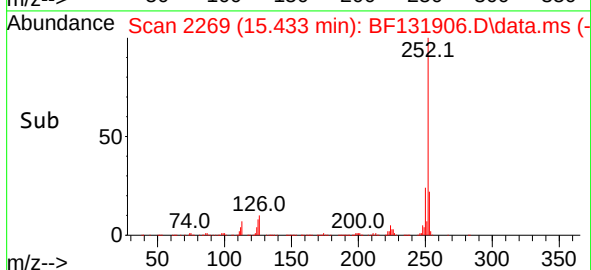
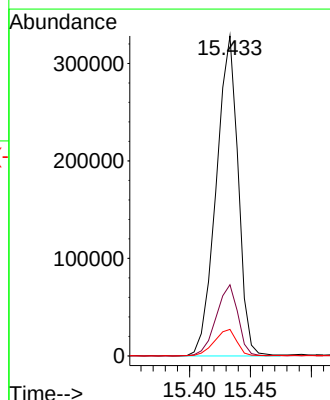
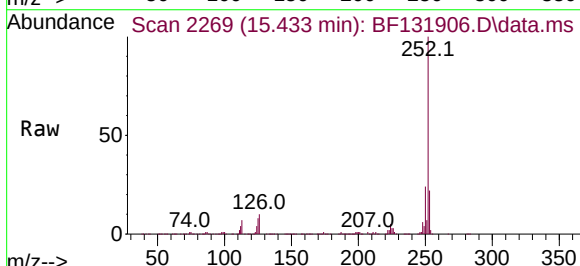
Tgt Ion:252 Resp: 410858

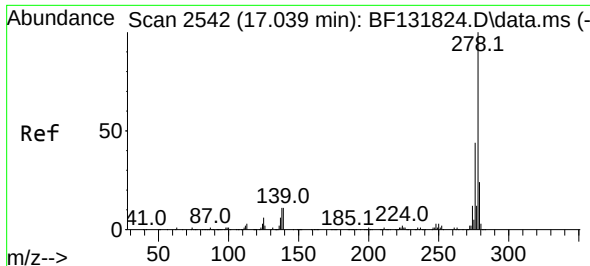
Ion Ratio Lower Upper

252 100

253 22.2 16.6 24.8

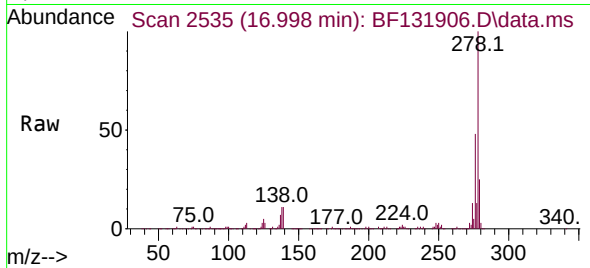
125 8.3 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 45.711 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

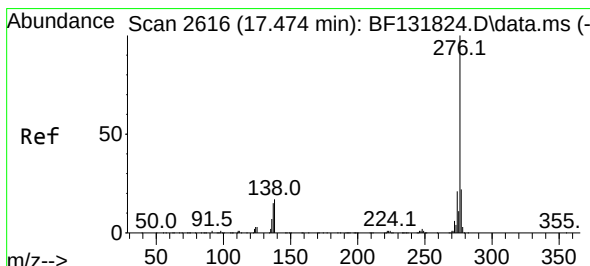
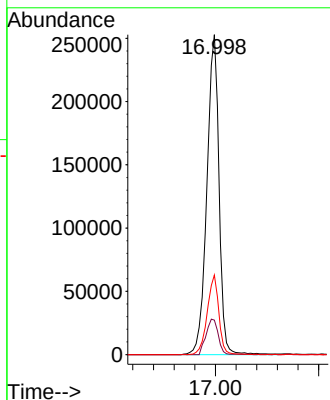
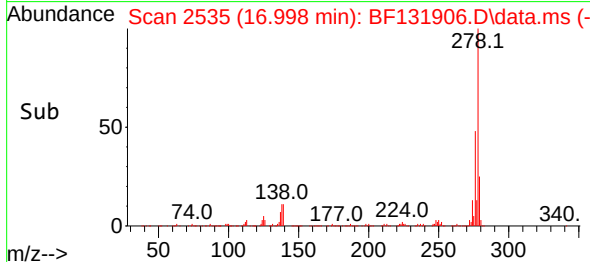
Instrument :
BNA_F
ClientSampleId :
TP-1SMSD



Tgt Ion:278 Resp: 412144
Ion Ratio Lower Upper
278 100
139 10.8 8.6 12.8
279 24.9 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#92
Benzo(g,h,i)perylene
Concen: 35.784 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.000 min
Lab File: BF131906.D
Acq: 04 Jan 2023 19:07

Tgt Ion:276 Resp: 365624
Ion Ratio Lower Upper
276 100
277 23.9 17.9 26.9
138 14.5 13.7 20.5

