

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131900.D
 Acq On : 04 Jan 2023 15:43
 Operator : CG\JU
 Sample : 01005-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 05:42:00 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	73664	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	259892	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	138253	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	231951	20.000	ng	0.00
76) Chrysene-d12	14.015	240	137640	20.000	ng	0.00
86) Perylene-d12	15.492	264	163956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	491302	110.528	ng	0.01
7) Phenol-d6	6.457	99	639692	109.537	ng	0.00
23) Nitrobenzene-d5	7.386	82	443423	68.120	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	153356	102.093	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	715409	70.879	ng	0.00
79) Terphenyl-d14	12.951	244	517549	63.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	79688	38.660	ng	97
3) Pyridine	3.316	79	223118	38.503	ng	98
4) n-Nitrosodimethylamine	3.293	42	114413	41.991	ng	99
6) Aniline	6.481	93	221810	31.318	ng	98
8) 2-Chlorophenol	6.598	128	202555	43.252	ng	93
9) Benzaldehyde	6.363	77	133700	35.680	ng	97
10) Phenol	6.469	94	289588	41.640	ng	92
11) bis(2-Chloroethyl)ether	6.551	93	214829	43.197	ng	99
12) 1,3-Dichlorobenzene	6.751	146	226061	42.241	ng	98
13) 1,4-Dichlorobenzene	6.833	146	231100	42.848	ng	96
14) 1,2-Dichlorobenzene	6.986	146	221614	43.729	ng	98
15) Benzyl Alcohol	6.963	79	222798	43.505	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	275145	43.353	ng	97
17) 2-Methylphenol	7.075	107	179595	41.949	ng	99
18) Hexachloroethane	7.328	117	92711	42.569	ng	91
19) n-Nitroso-di-n-propyla...	7.233	70	171959	41.693	ng	99
20) 3+4-Methylphenols	7.233	107	231906	41.514	ng	97
22) Acetophenone	7.228	105	330783	43.414	ng	98
24) Nitrobenzene	7.404	77	274152	42.025	ng	98
25) Isophorone	7.645	82	474467	44.633	ng	100
26) 2-Nitrophenol	7.722	139	110288	43.482	ng	98
27) 2,4-Dimethylphenol	7.763	122	183238	50.646	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	266669	46.760	ng	98
29) 2,4-Dichlorophenol	7.969	162	183639	42.130	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	215932	41.782	ng	100
31) Naphthalene	8.128	128	592228	41.609	ng	99
32) Benzoic acid	7.898	122	107888	40.798	ng	94
33) 4-Chloroaniline	8.180	127	96785	17.722	ng	99
34) Hexachlorobutadiene	8.239	225	143421	40.563	ng	99
35) Caprolactam	8.557	113	51185m	39.661	ng	
36) 4-Chloro-3-methylphenol	8.675	107	204967	41.606	ng	97
37) 2-Methylnaphthalene	8.822	142	389744	40.800	ng	99
38) 1-Methylnaphthalene	8.922	142	360928	38.899	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	222350	45.804	ng	99
41) Hexachlorocyclopentadiene	8.969	237	202522	92.242	ng	100
43) 2,4,6-Trichlorophenol	9.104	196	134614	43.297	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131900.D
 Acq On : 04 Jan 2023 15:43
 Operator : CG\JU
 Sample : 01005-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 05:42:00 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

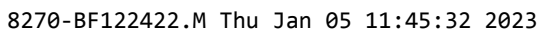
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	140438	41.786	ng	99
46) 1,1'-Biphenyl	9.286	154	481542	45.494	ng	99
47) 2-Chloronaphthalene	9.316	162	383118	43.751	ng	99
48) 2-Nitroaniline	9.416	65	133597	41.623	ng	96
49) Acenaphthylene	9.733	152	569591	43.683	ng	99
50) Dimethylphthalate	9.592	163	455339	43.534	ng	99
51) 2,6-Dinitrotoluene	9.663	165	97276	42.963	ng	# 84
52) Acenaphthene	9.904	154	334772	42.541	ng	99
53) 3-Nitroaniline	9.827	138	60483	26.217	ng	97
54) 2,4-Dinitrophenol	9.939	184	99799	76.593	ng	98
55) Dibenzofuran	10.074	168	510813	42.131	ng	99
56) 4-Nitrophenol	10.004	139	120273	74.420	ng	96
57) 2,4-Dinitrotoluene	10.069	165	125791	40.624	ng	94
58) Fluorene	10.422	166	398197	40.230	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	110873	40.200	ng	# 90
60) Diethylphthalate	10.292	149	427626	42.479	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	218437	42.452	ng	100
62) 4-Nitroaniline	10.451	138	83091	34.559	ng	97
63) Azobenzene	10.574	77	457958	40.991	ng	99
65) 4,6-Dinitro-2-methylph...	10.474	198	64735	40.991	ng	86
66) n-Nitrosodiphenylamine	10.533	169	340135	48.072	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	128144	47.667	ng	97
68) Hexachlorobenzene	10.969	284	133186	45.099	ng	# 90
69) Atrazine	11.063	200	117463	50.427	ng	97
70) Pentachlorophenol	11.169	266	120100	82.187	ng	98
71) Phenanthrene	11.386	178	562462	44.096	ng	99
72) Anthracene	11.439	178	536510	42.997	ng	100
73) Carbazole	11.598	167	438425	39.800	ng	99
74) Di-n-butylphthalate	11.921	149	565924	42.504	ng	100
75) Fluoranthene	12.580	202	563030	37.896	ng	99
77) Benzidine	12.704	184	169304	74.849	ng	100
78) Pyrene	12.810	202	551468	47.802	ng	99
80) Butylbenzylphthalate	13.427	149	184174	43.041	ng	94
81) Benzo(a)anthracene	14.004	228	455505	45.709	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	107650	37.374	ng	97
83) Chrysene	14.039	228	428375	45.745	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	250126	48.008	ng	# 97
85) Di-n-octyl phthalate	14.604	149	442348	63.070	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.986	276	530428	50.923	ng	99
88) Benzo(b)fluoranthene	15.062	252	481908	40.086	ng	99
89) Benzo(k)fluoranthene	15.092	252	461917	39.767	ng	99
90) Benzo(a)pyrene	15.433	252	429432	46.138	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	429499	50.339	ng	97
92) Benzo(g,h,i)perylene	17.433	276	423158	42.595	ng	97

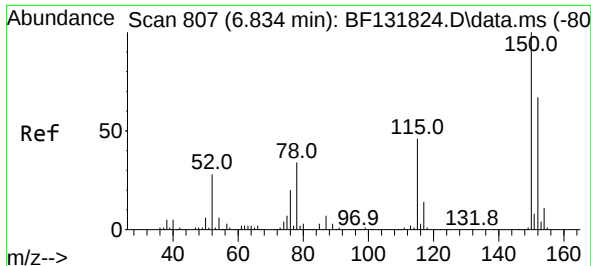
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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

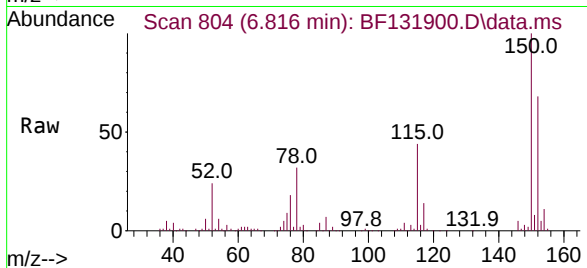
Quant Time: Jan 05 05:42:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF131900.D
 Acq: 04 Jan 2023 15:43

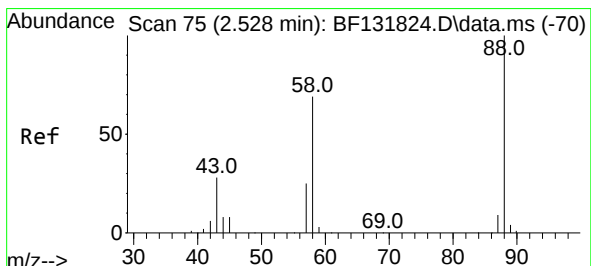
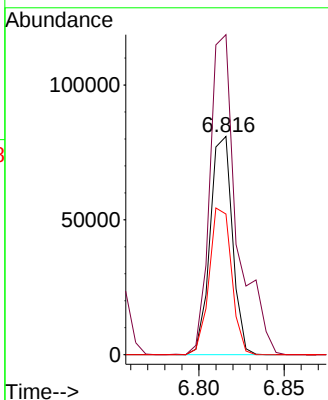
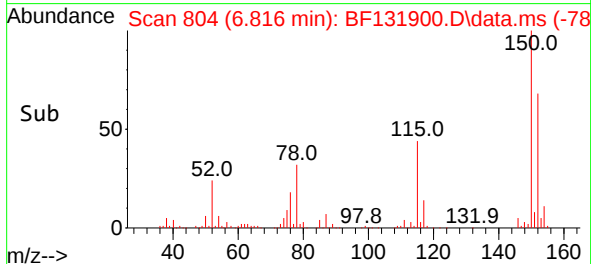
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MS



Tgt Ion:152 Resp: 73664
 Ion Ratio Lower Upper
 152 100
 150 146.6 120.0 180.0
 115 64.4 55.1 82.7

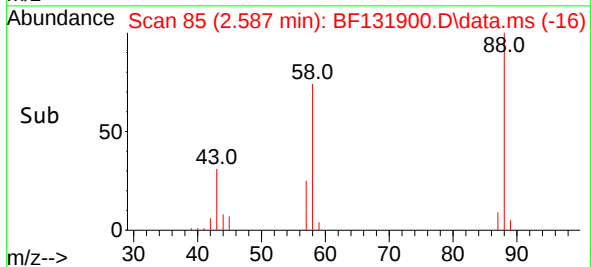
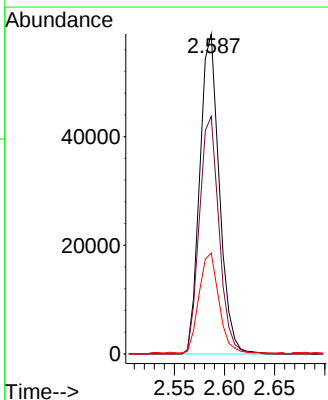
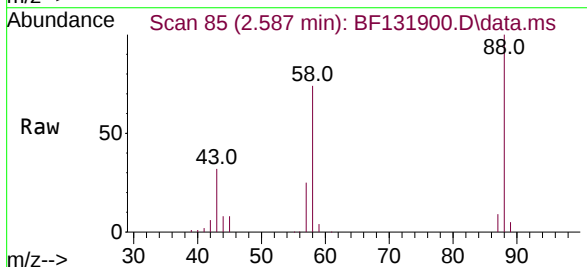
Manual Integrations
 APPROVED

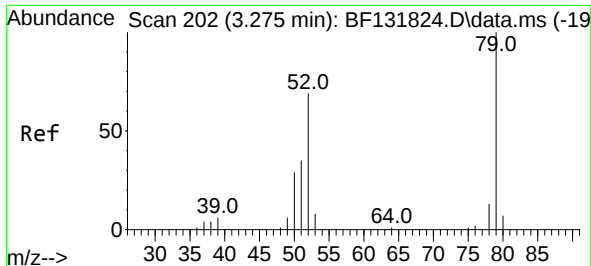
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#2
 1,4-Dioxane
 Concen: 38.660 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.059 min
 Lab File: BF131900.D
 Acq: 04 Jan 2023 15:43

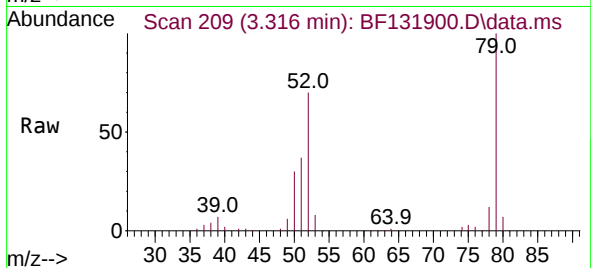
Tgt Ion: 88 Resp: 79688
 Ion Ratio Lower Upper
 88 100
 58 74.7 58.2 87.2
 43 32.9 24.2 36.4





#3
Pyridine
Concen: 38.503 ng
RT: 3.316 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

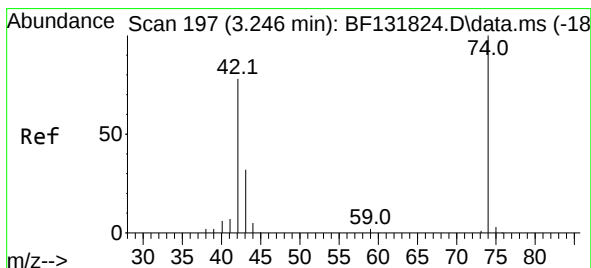
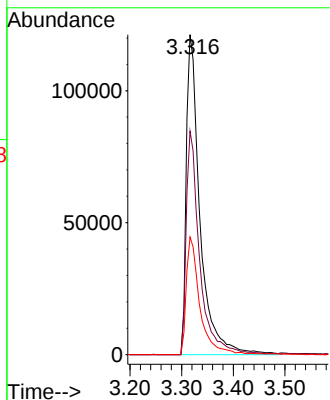
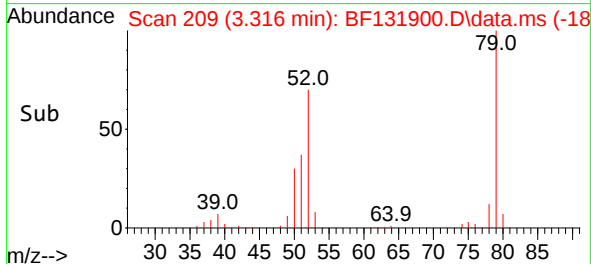
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



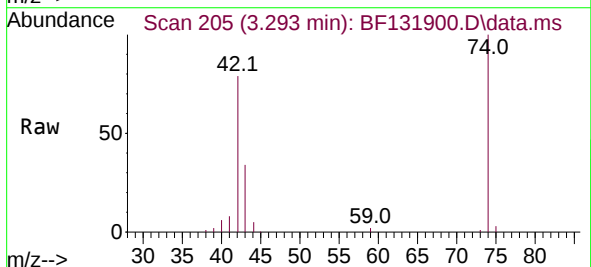
Tgt Ion: 79 Resp: 223118
Ion Ratio Lower Upper
79 100
52 69.9 55.4 83.2
51 36.7 27.8 41.8

Manual Integrations
APPROVED

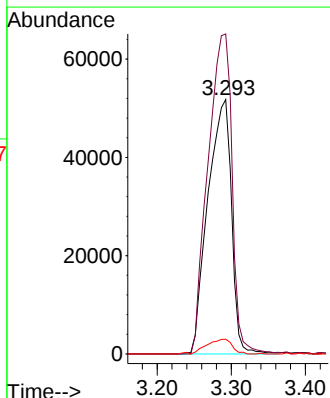
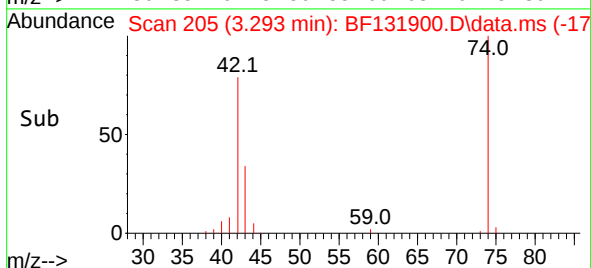
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

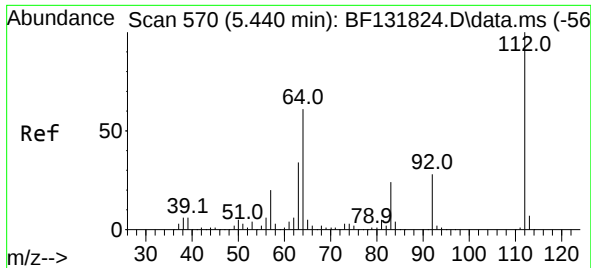


#4
n-Nitrosodimethylamine
Concen: 41.991 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion: 42 Resp: 114413
Ion Ratio Lower Upper
42 100
74 125.8 102.0 153.0
44 5.8 4.6 7.0





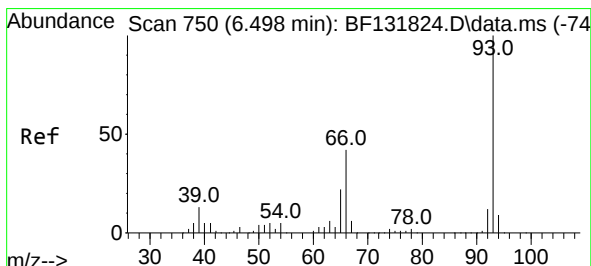
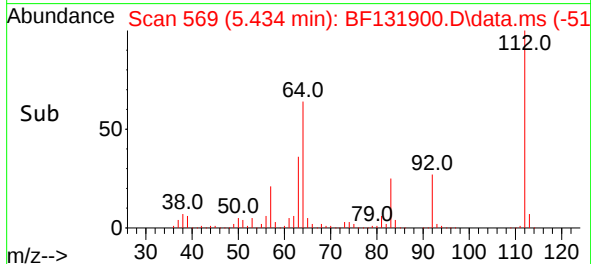
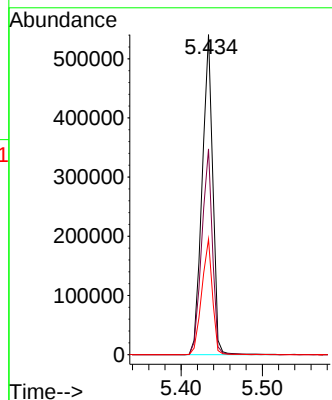
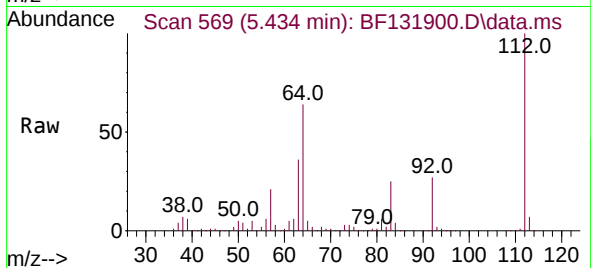
#5
2-Fluorophenol
Concen: 110.528 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Tgt Ion:112 Resp: 491302
Ion Ratio Lower Upper
112 100
64 64.3 49.2 73.8
63 36.1 27.5 41.3

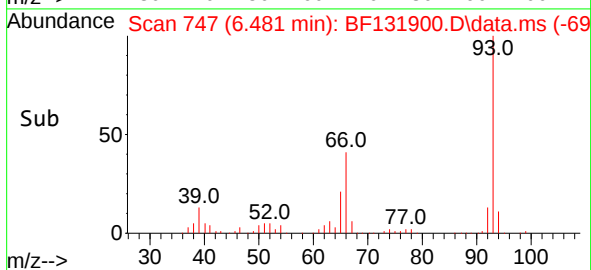
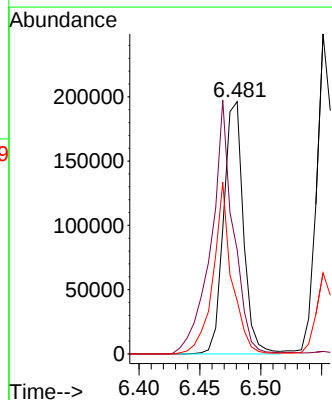
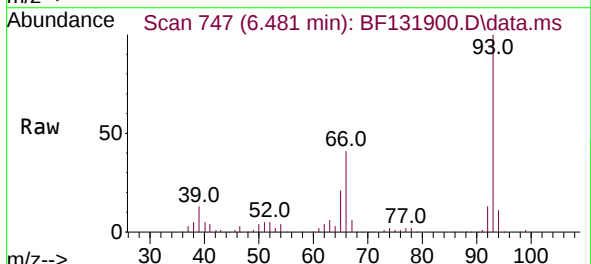
Manual Integrations
APPROVED

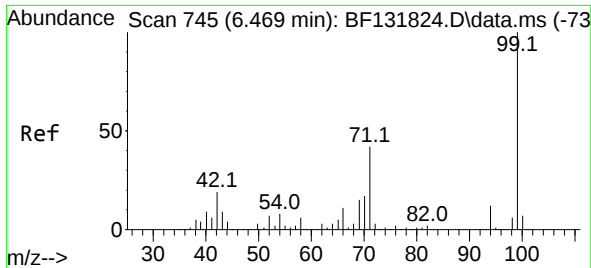
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#6
Aniline
Concen: 31.318 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Tgt Ion: 93 Resp: 221810
Ion Ratio Lower Upper
93 100
66 41.3 33.9 50.9
65 21.1 17.4 26.0





#7

Phenol-d6

Concen: 109.537 ng

RT: 6.457 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF131900.D

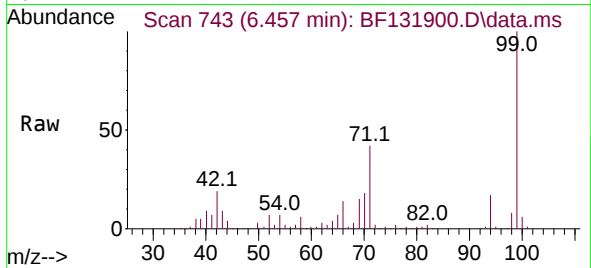
Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS



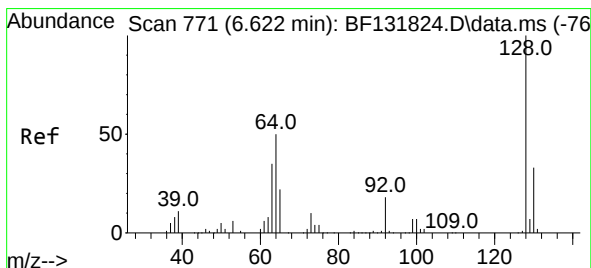
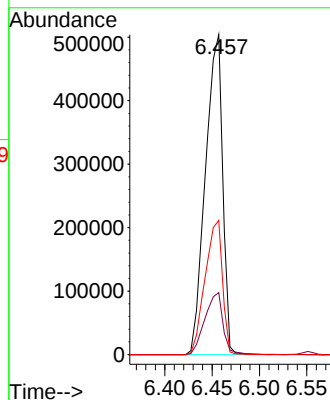
Tgt Ion:	99	Ratio	100	Lower	15.3	Upper	22.9
Ion	42	19.4	15.3	22.9			
Ratio	71	41.9	33.5	50.3			

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#8

2-Chlorophenol

Concen: 43.252 ng

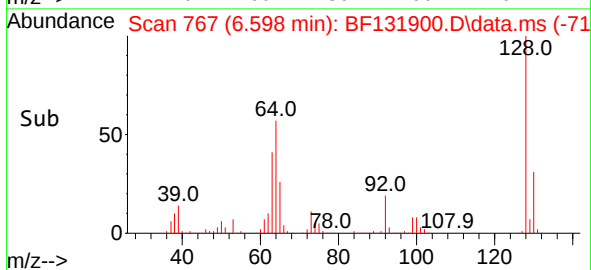
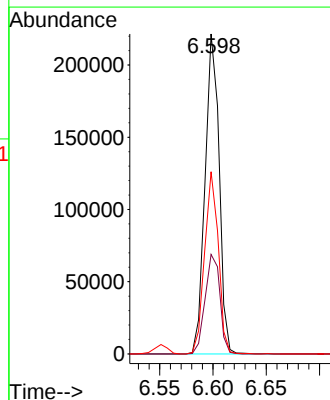
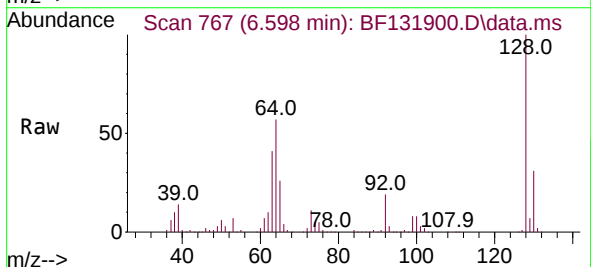
RT: 6.598 min Scan# 767

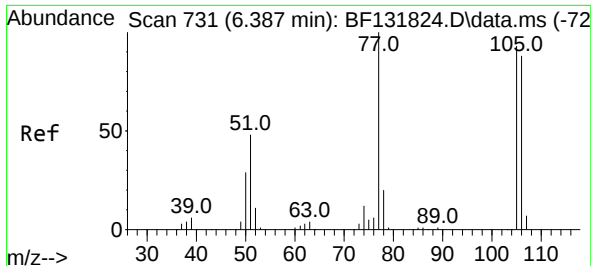
Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:	128	Ratio	100	Lower	12.6	Upper	52.6
Ion	130	31.1	12.6	52.6			
Ratio	64	56.9	30.7	70.7			





#9

Benzaldehyde

Concen: 35.680 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion: 77 Resp: 133700

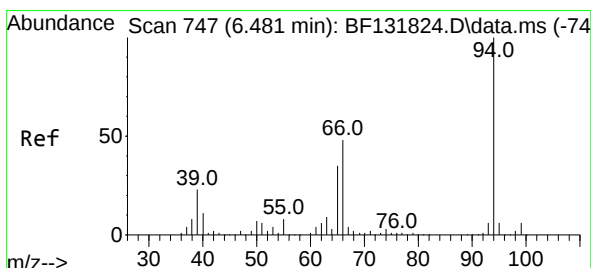
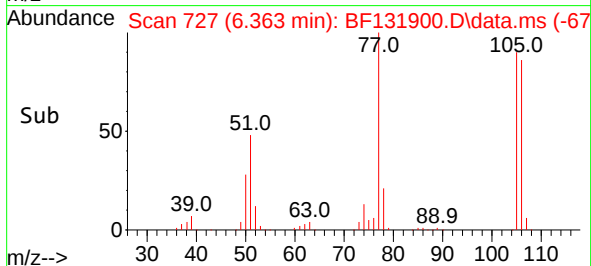
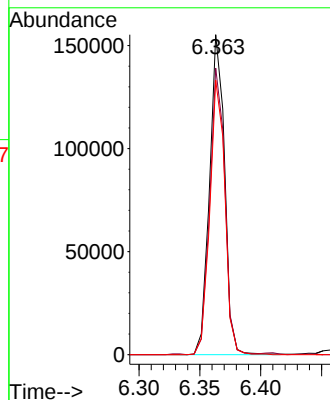
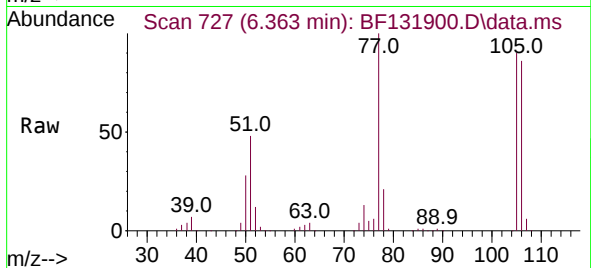
Ion	Ratio	Lower	Upper
77	100		
105	89.5	72.9	112.9
106	85.7	68.5	108.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#10

Phenol

Concen: 41.640 ng

RT: 6.469 min Scan# 745

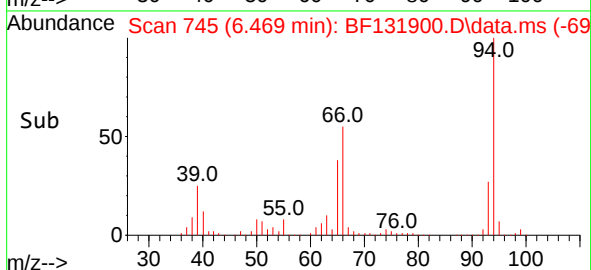
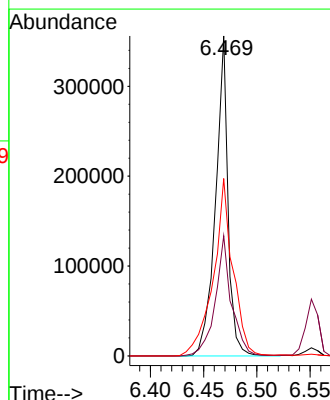
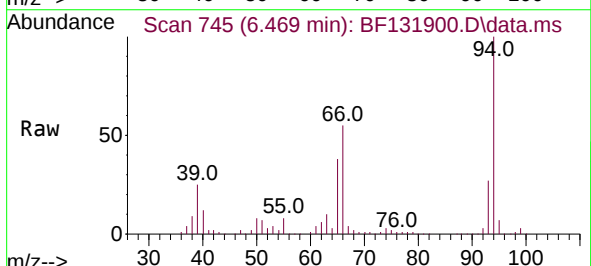
Delta R.T. -0.000 min

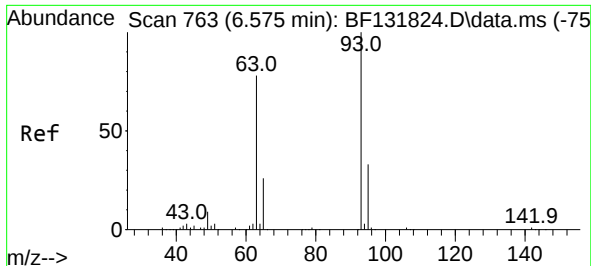
Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion: 94 Resp: 289588

Ion	Ratio	Lower	Upper
94	100		
65	37.5	14.6	54.6
66	55.4	28.2	68.2





#11

bis(2-Chloroethyl)ether

Concen: 43.197 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

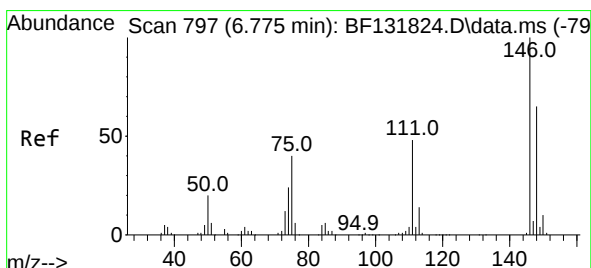
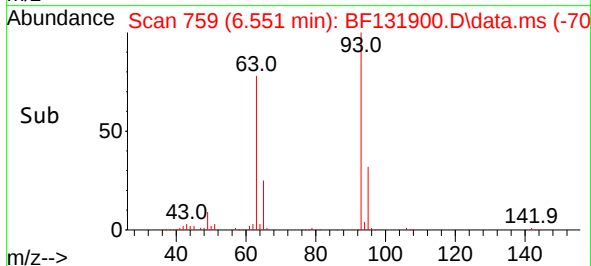
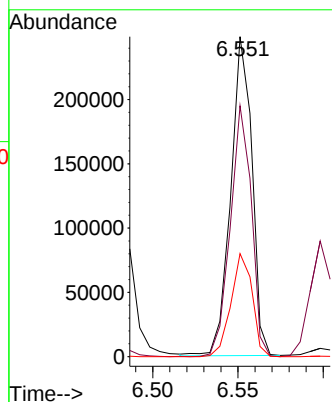
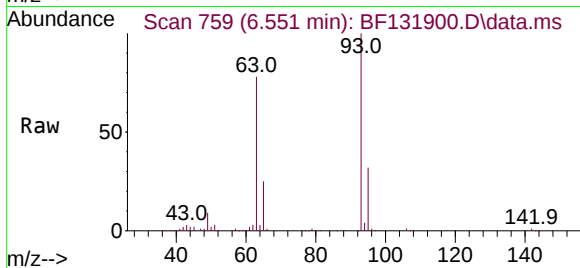
Tgt Ion: 93 Resp: 214829

Ion	Ratio	Lower	Upper
93	100		
63	78.4	57.6	97.6
95	32.2	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: 42.241 ng

RT: 6.751 min Scan# 793

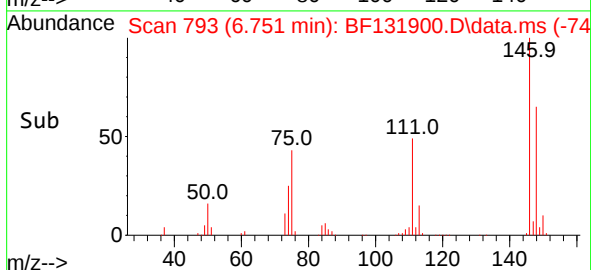
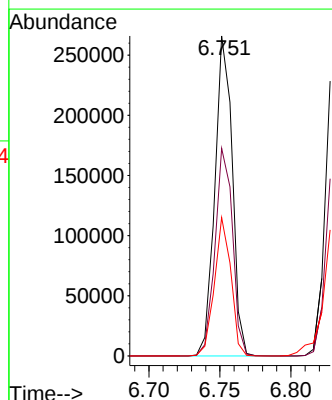
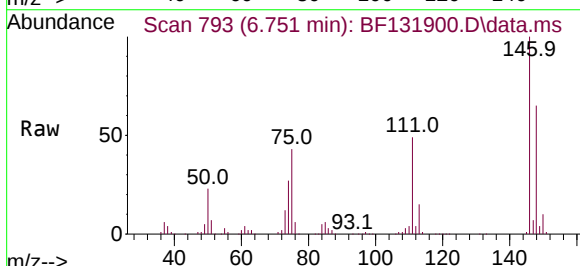
Delta R.T. -0.006 min

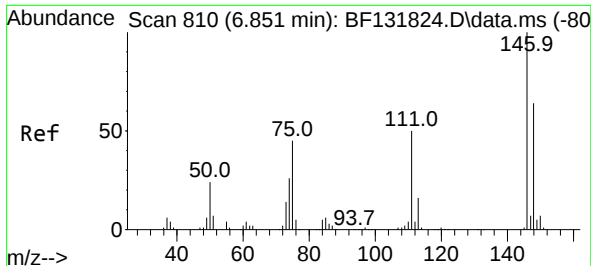
Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:146 Resp: 226061

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
75	43.2	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 42.848 ng

RT: 6.833 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion:146 Resp: 231100

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

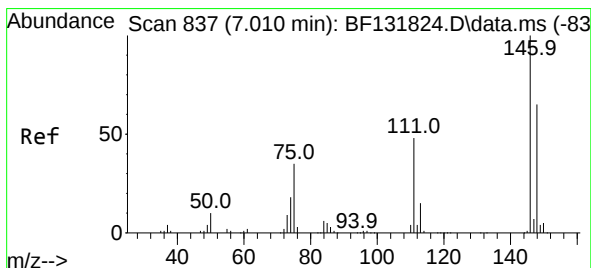
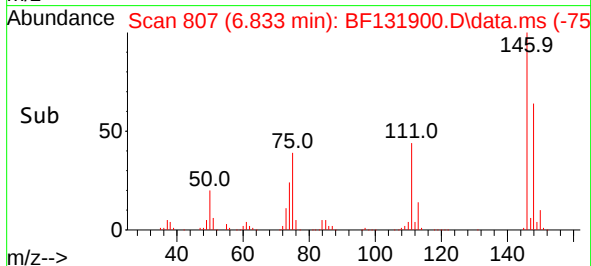
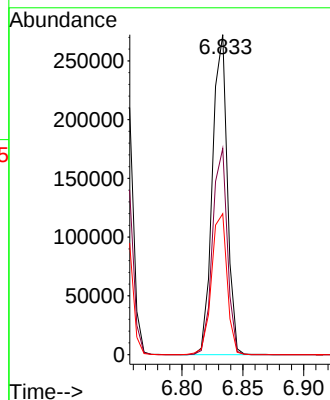
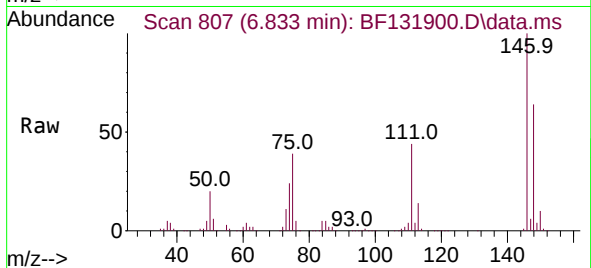
111 44.0 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#14

1,2-Dichlorobenzene

Concen: 43.729 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

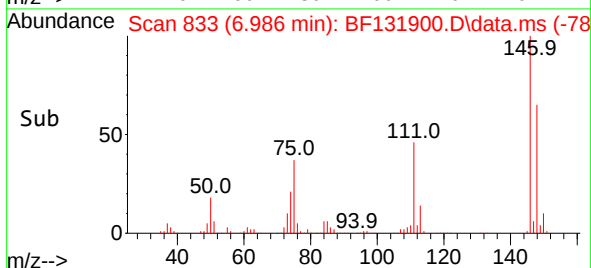
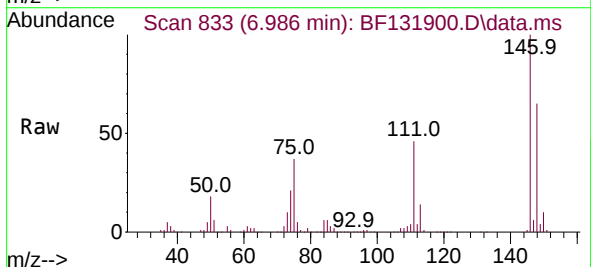
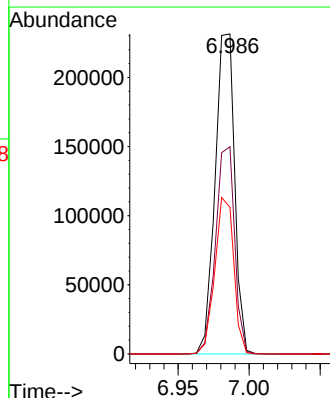
Tgt Ion:146 Resp: 221614

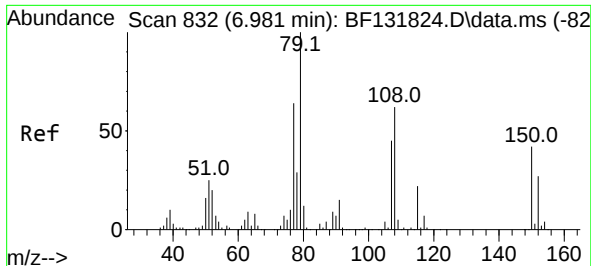
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

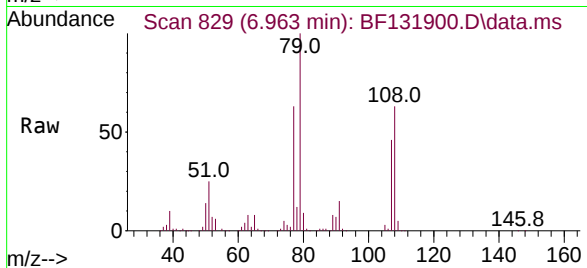
111 45.8 38.2 57.4





#15
Benzyl Alcohol
Concen: 43.505 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

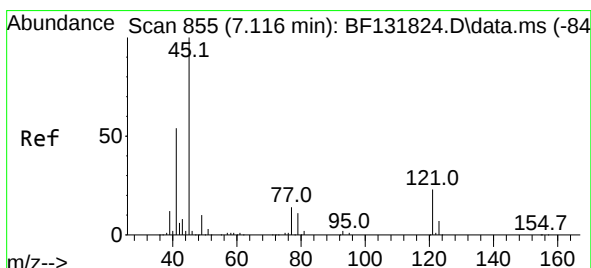
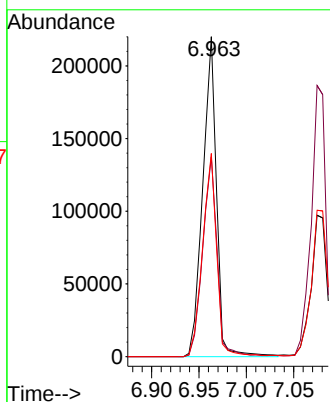
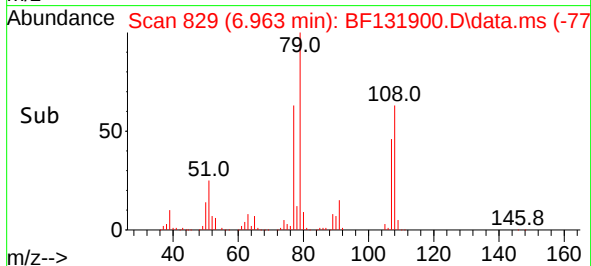
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



Tgt Ion: 79 Resp: 222798
Ion Ratio Lower Upper
79 100
108 62.5 49.8 74.8
77 63.5 51.4 77.0

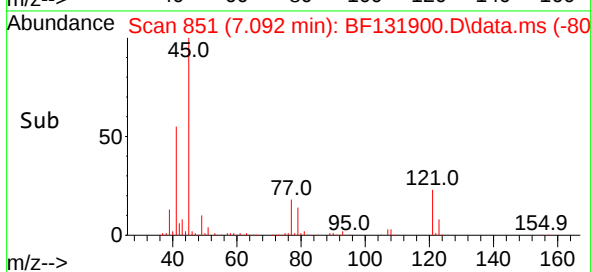
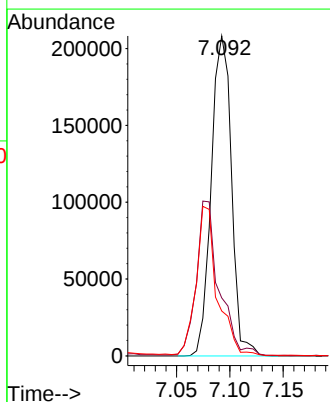
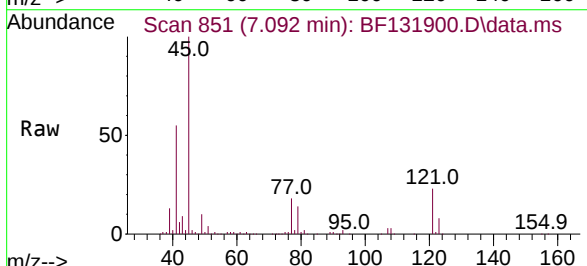
Manual Integrations
APPROVED

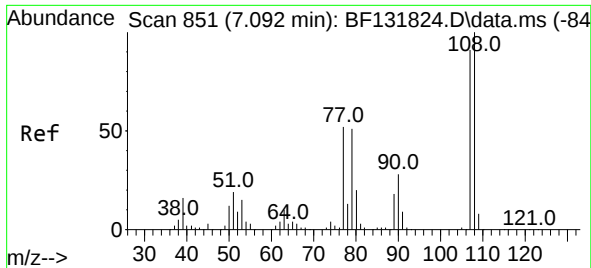
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.353 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

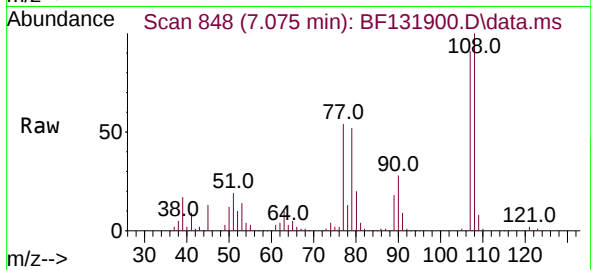
Tgt Ion: 45 Resp: 275145
Ion Ratio Lower Upper
45 100
77 18.1 0.0 36.1
79 14.0 0.0 33.3





#17
2-Methylphenol
Concen: 41.949 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

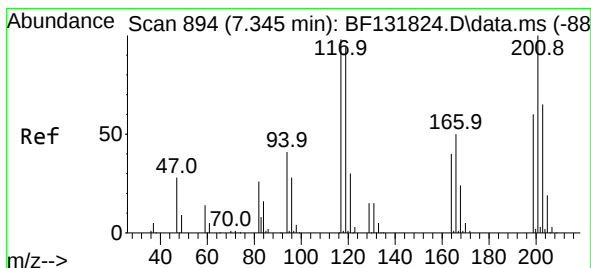
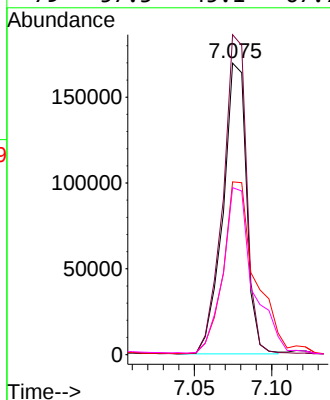
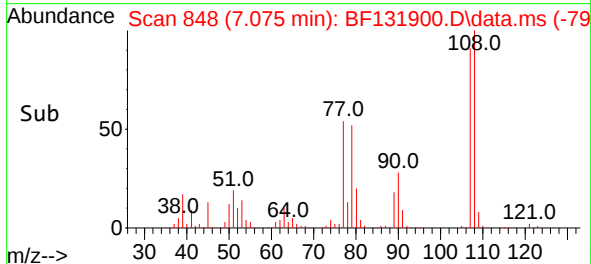
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



Tgt Ion:107 Resp: 179595
Ion Ratio Lower Upper
107 100
108 109.8 87.6 131.4
77 59.3 45.8 68.8
79 57.3 45.1 67.7

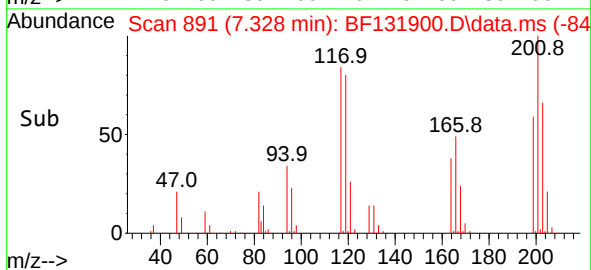
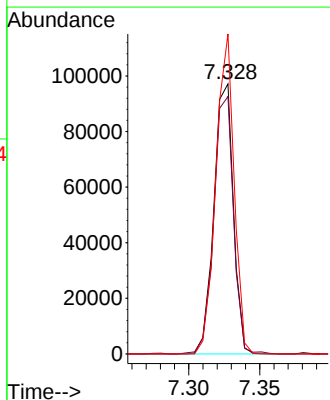
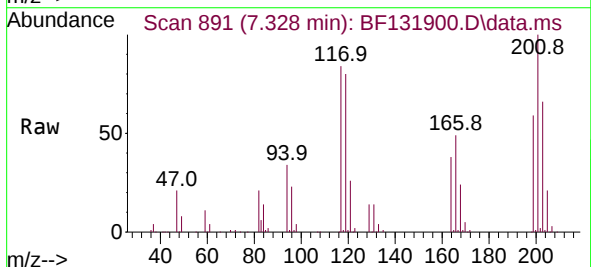
Manual Integrations
APPROVED

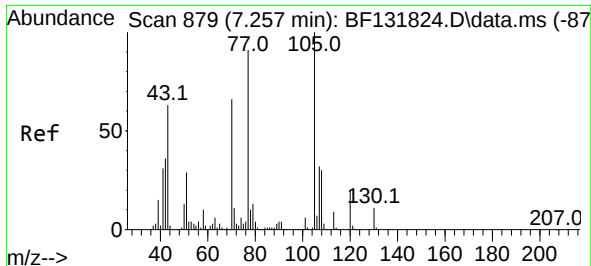
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#18
Hexachloroethane
Concen: 42.569 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

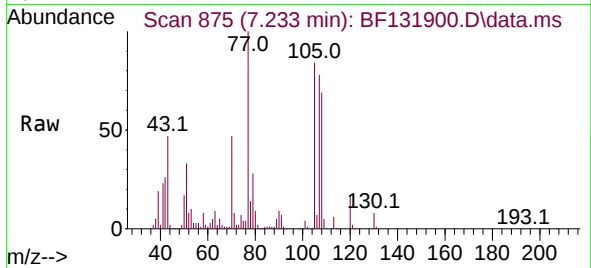
Tgt Ion:117 Resp: 92711
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
201 118.5 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 41.693 ng
RT: 7.233 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

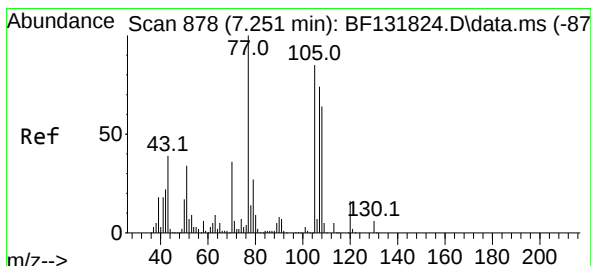
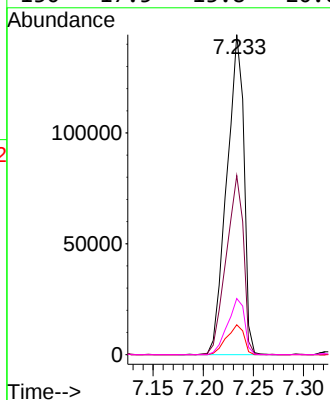
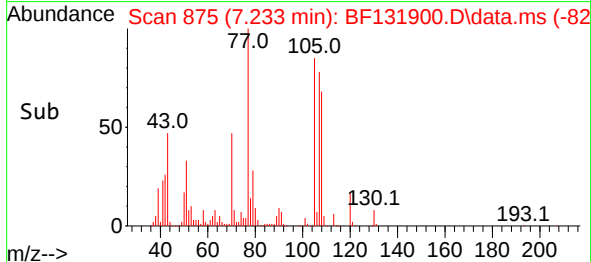
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



Tgt Ion: 70 Resp: 171959
Ion Ratio Lower Upper
70 100
42 55.9 43.8 65.6
101 9.3 7.4 11.0
130 17.5 13.8 20.6

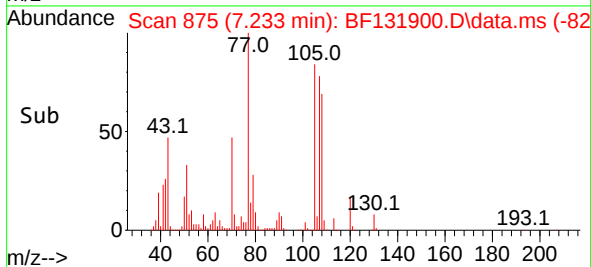
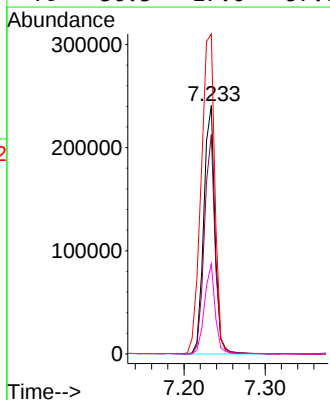
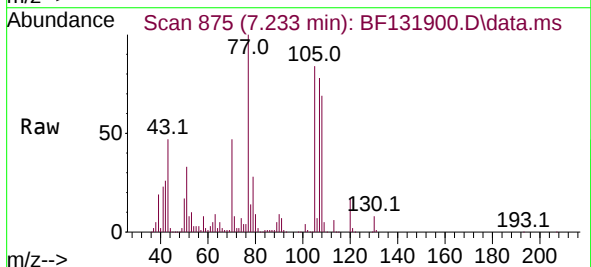
Manual Integrations
APPROVED

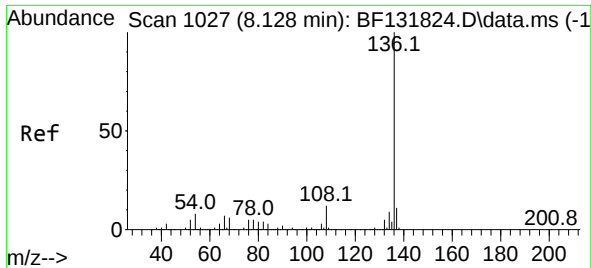
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#20
3+4-Methylphenols
Concen: 41.514 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

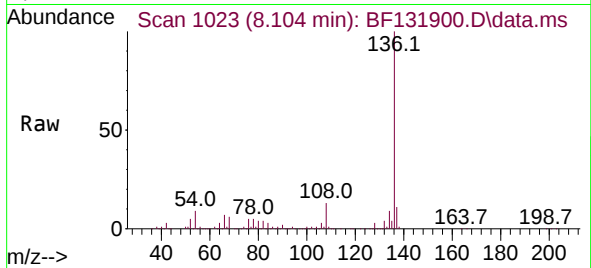
Tgt Ion:107 Resp: 231906
Ion Ratio Lower Upper
107 100
108 88.3 67.1 107.1
77 128.8 114.9 154.9
79 36.3 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

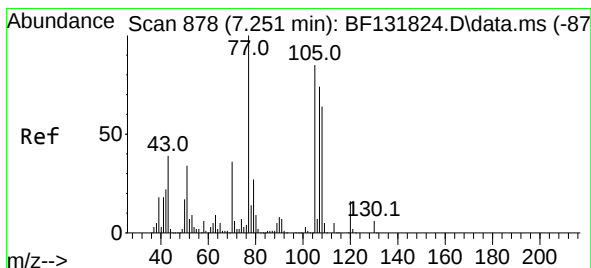
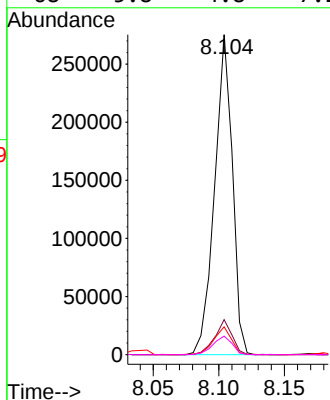
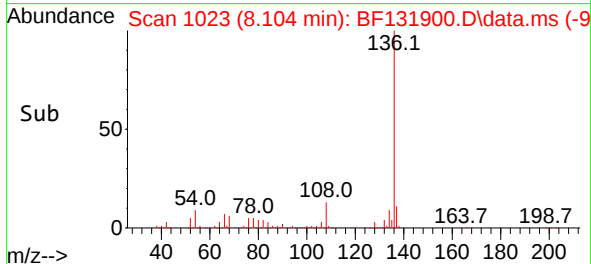
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



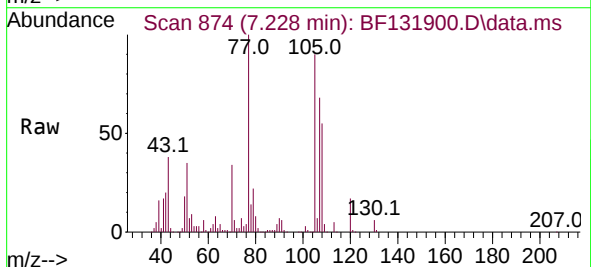
Tgt Ion:136 Resp: 259892
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.7 6.7 10.1
68 5.8 4.8 7.2

Manual Integrations
APPROVED

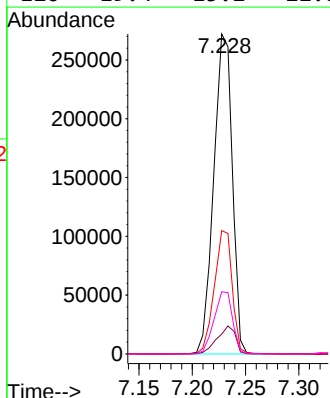
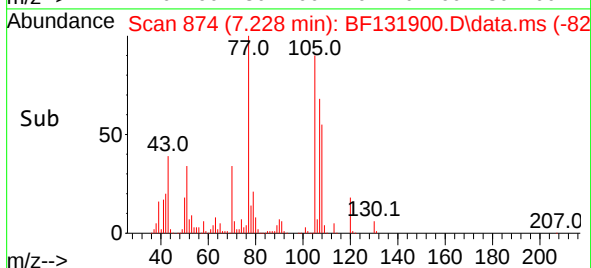
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

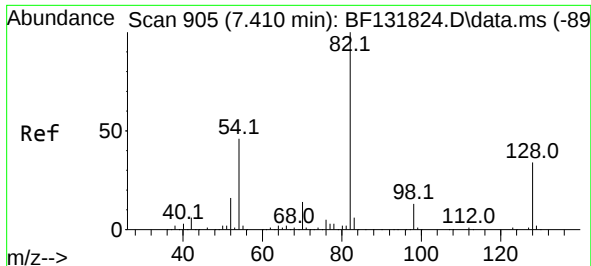


#22
Acetophenone
Concen: 43.414 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion:105 Resp: 330783
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.0
51 38.5 31.9 47.9
120 19.4 15.2 22.8





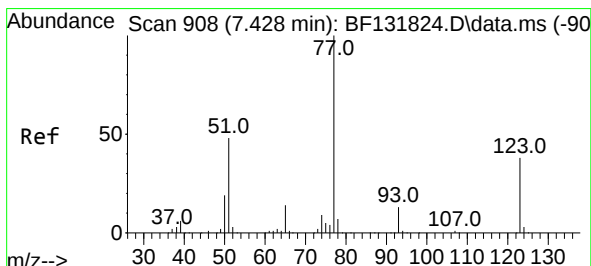
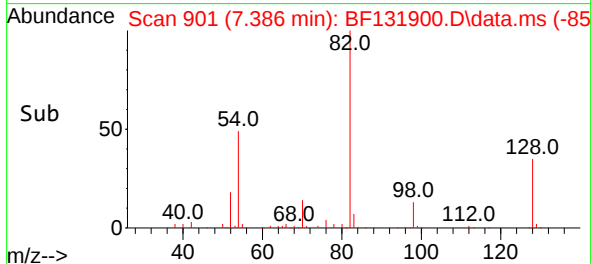
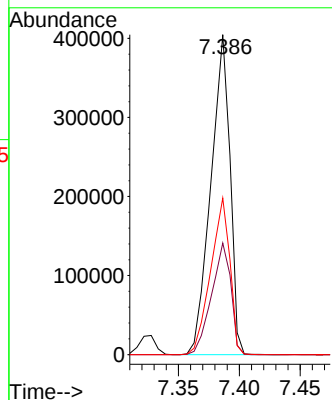
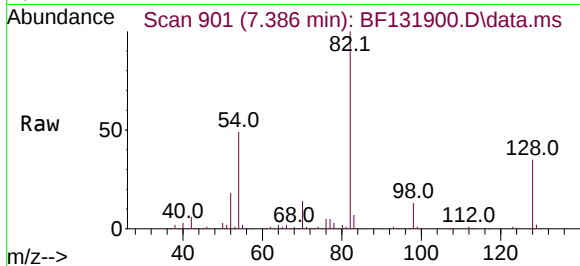
#23
Nitrobenzene-d5
Concen: 68.120 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Tgt Ion: 82 Resp: 443423
Ion Ratio Lower Upper
82 100
128 34.9 27.1 40.7
54 48.9 37.0 55.6

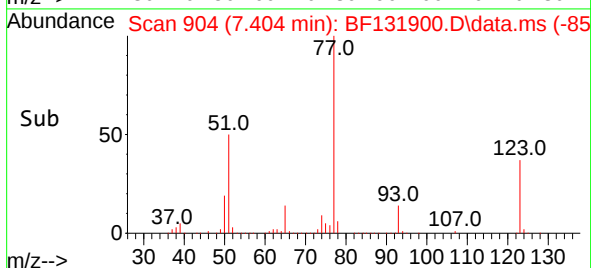
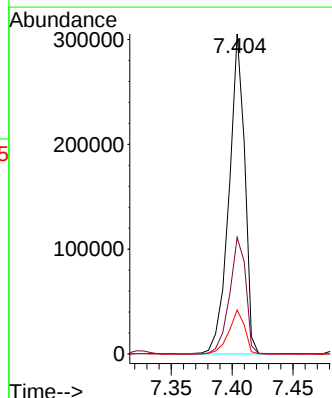
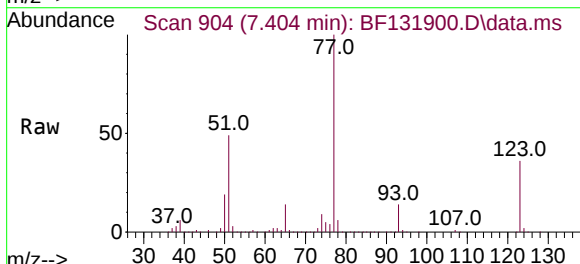
Manual Integrations
APPROVED

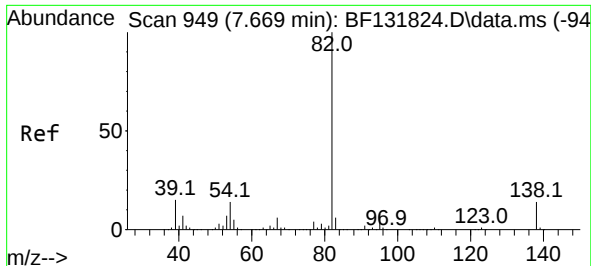
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#24
Nitrobenzene
Concen: 42.025 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Tgt Ion: 77 Resp: 274152
Ion Ratio Lower Upper
77 100
123 36.4 30.4 45.6
65 13.7 11.1 16.7





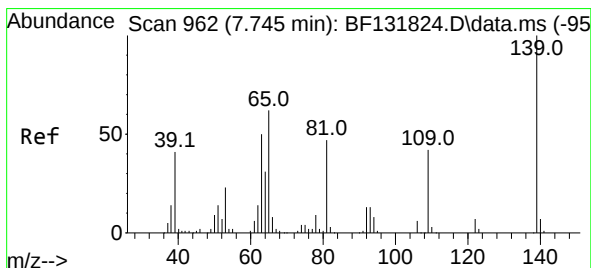
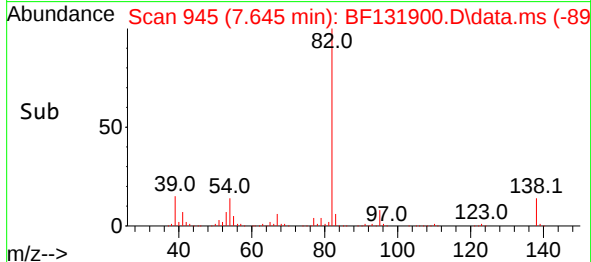
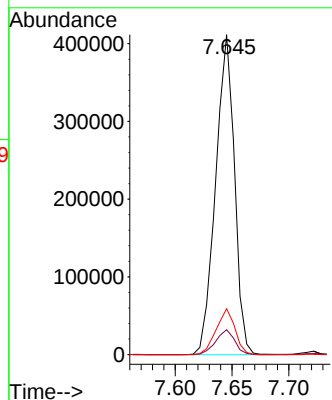
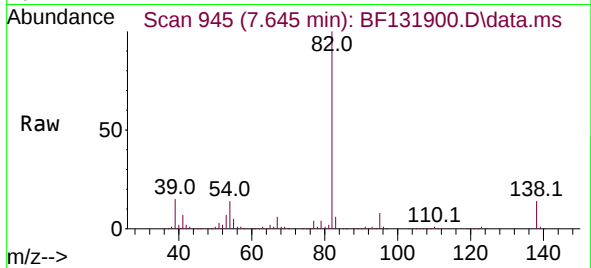
#25
Isophorone
Concen: 44.633 ng
RT: 7.645 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Tgt Ion: 82 Resp: 474462
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 14.3 11.5 17.3

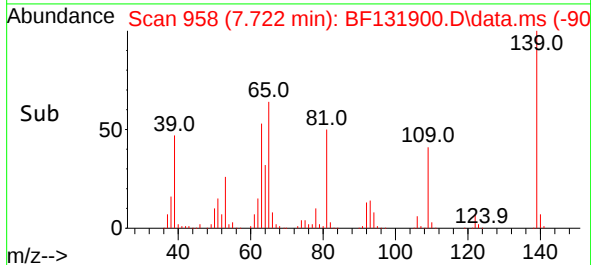
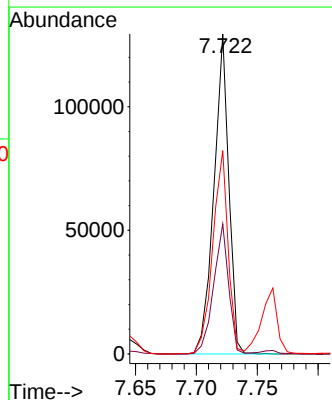
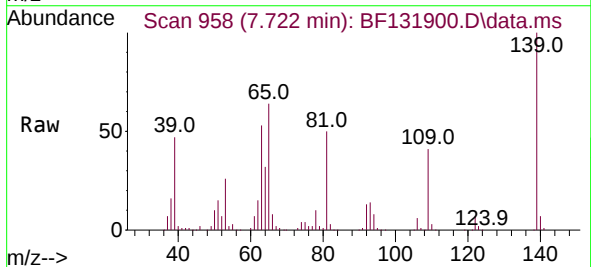
Manual Integrations
APPROVED

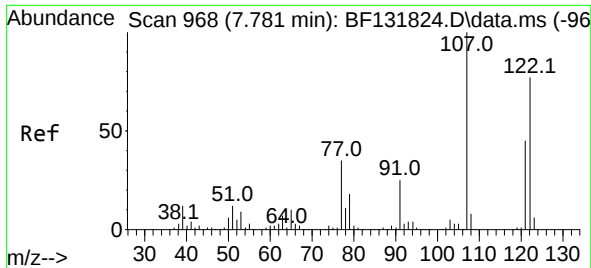
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#26
2-Nitrophenol
Concen: 43.482 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

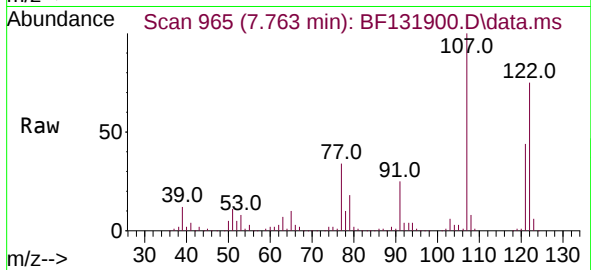
Tgt Ion:139 Resp: 110288
Ion Ratio Lower Upper
139 100
109 40.6 33.7 50.5
65 63.5 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 50.646 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

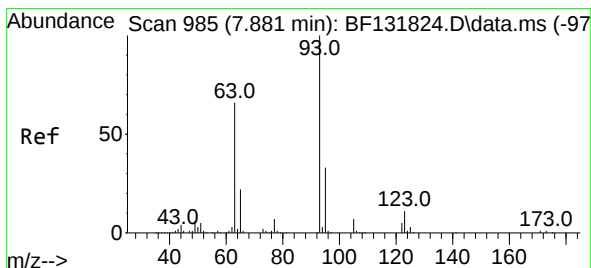
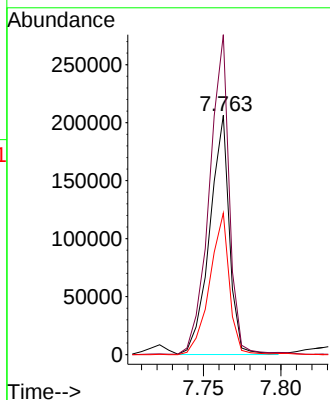
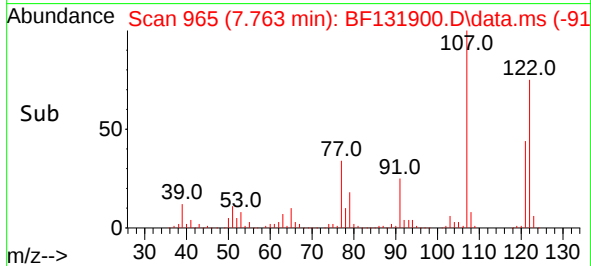
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



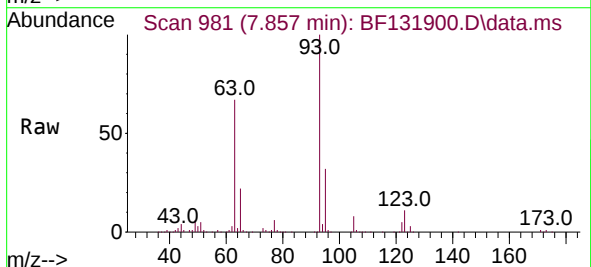
Tgt Ion:122 Resp: 183238
Ion Ratio Lower Upper
122 100
107 133.7 104.4 156.6
121 59.1 46.8 70.2

Manual Integrations
APPROVED

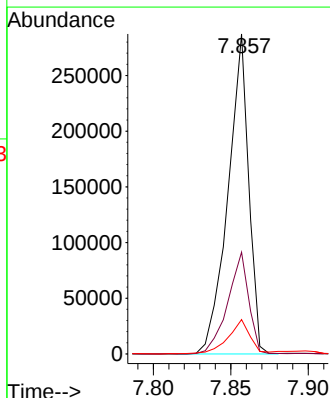
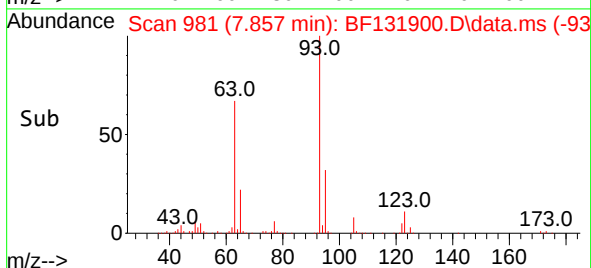
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

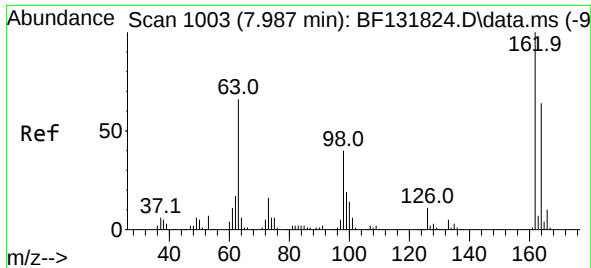


#28
bis(2-Chloroethoxy)methane
Concen: 46.760 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion: 93 Resp: 266669
Ion Ratio Lower Upper
93 100
95 31.8 26.3 39.5
123 10.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 42.130 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion:162 Resp: 183639

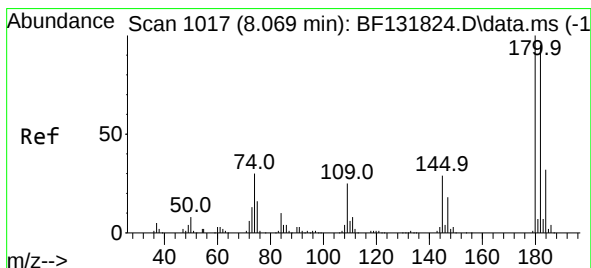
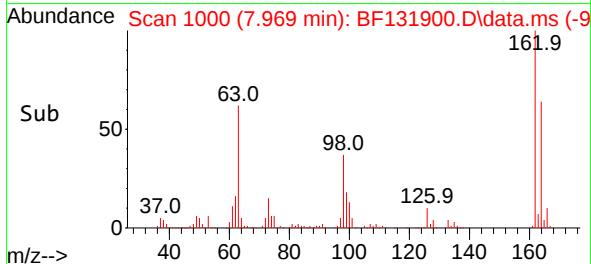
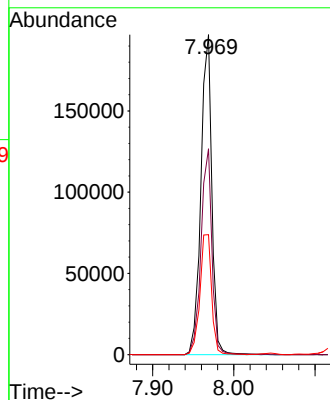
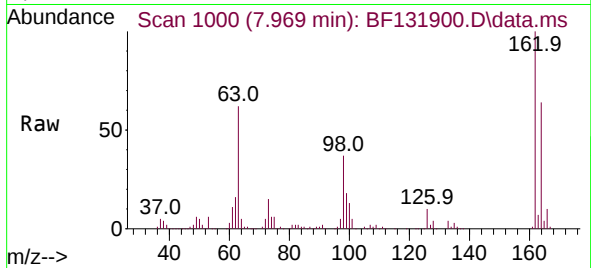
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	37.5	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.782 ng

RT: 8.045 min Scan# 1013

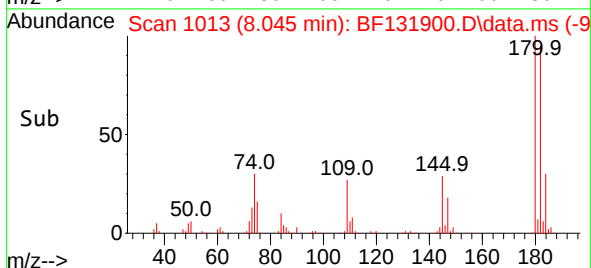
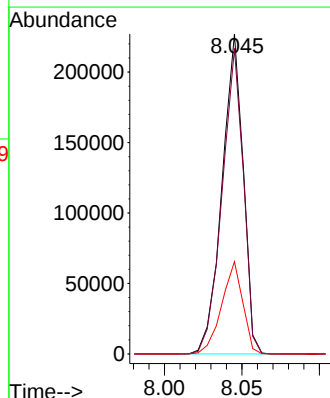
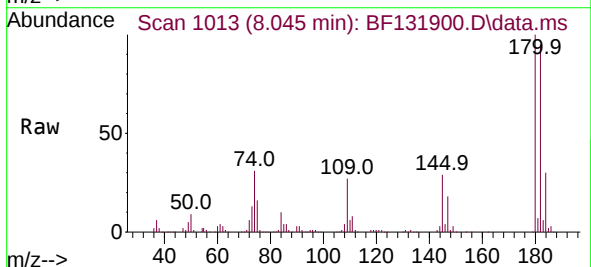
Delta R.T. -0.006 min

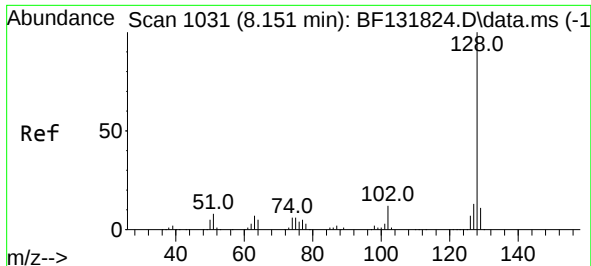
Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:180 Resp: 215932

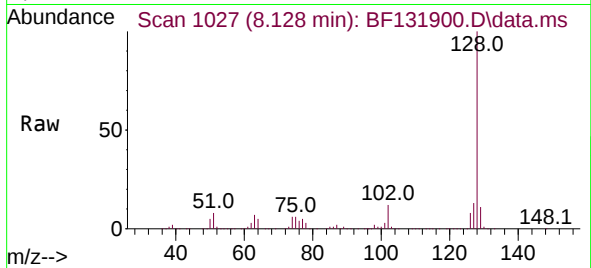
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.4
145	28.8	23.3	34.9





#31
Naphthalene
Concen: 41.609 ng
RT: 8.128 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

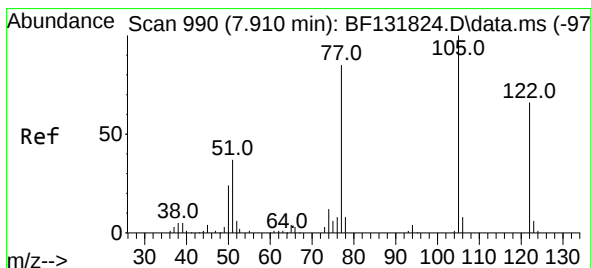
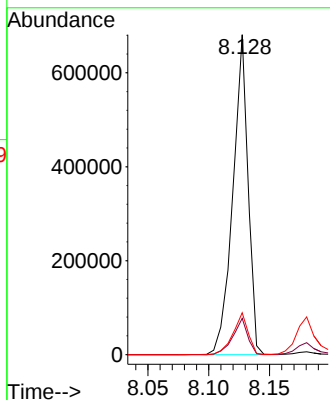
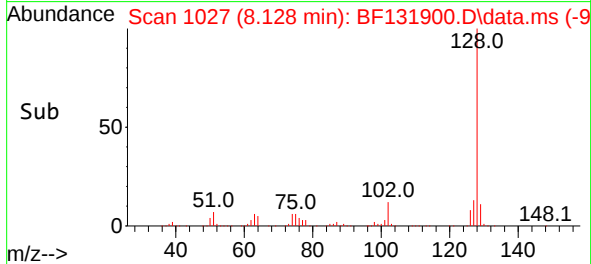
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



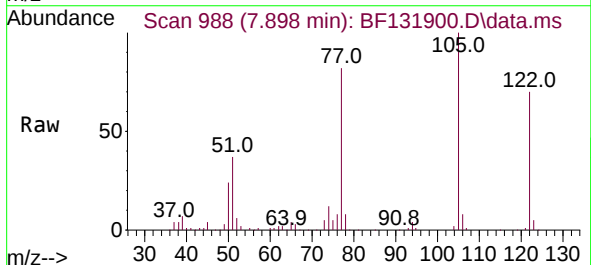
Tgt Ion:128 Resp: 592228
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.6 15.8

Manual Integrations
APPROVED

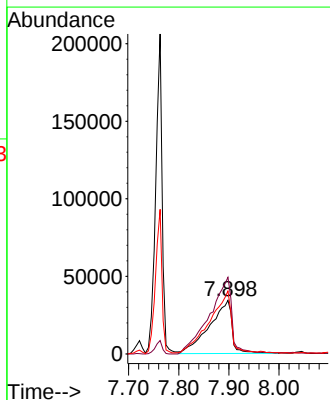
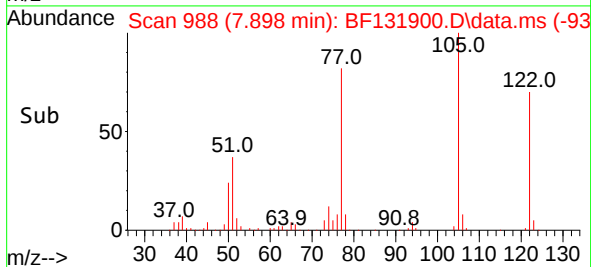
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

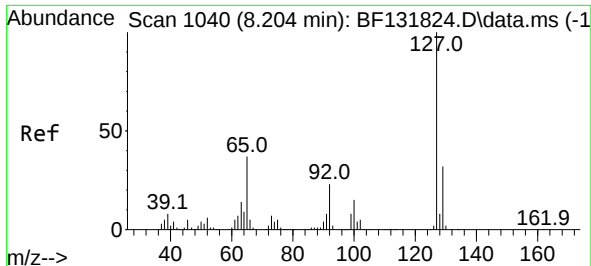


#32
Benzoic acid
Concen: 40.798 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion:122 Resp: 107888
Ion Ratio Lower Upper
122 100
105 142.9 127.9 167.9
77 117.6 106.9 146.9





#33
4-Chloroaniline
Concen: 17.722 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

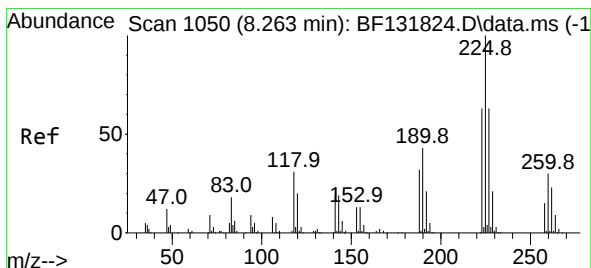
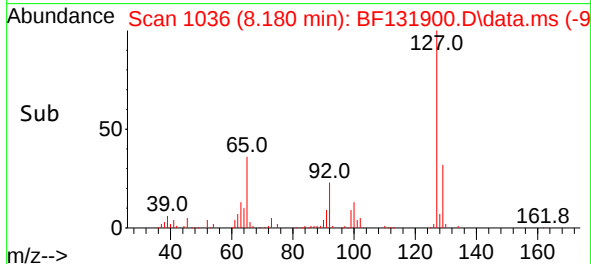
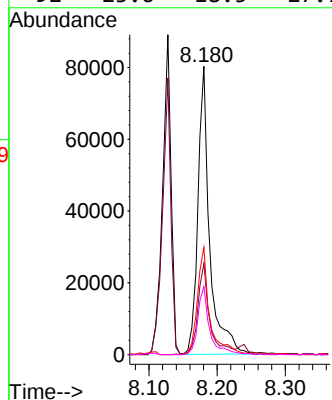
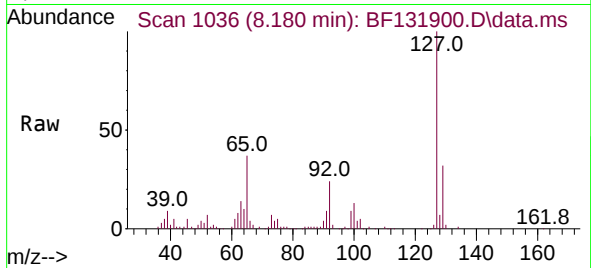
PL-01-10323MS

Tgt Ion:127 Resp: 96785
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 37.2 29.7 44.5
92 23.6 18.5 27.7

Manual Integrations

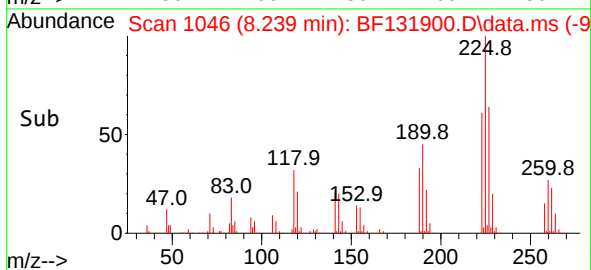
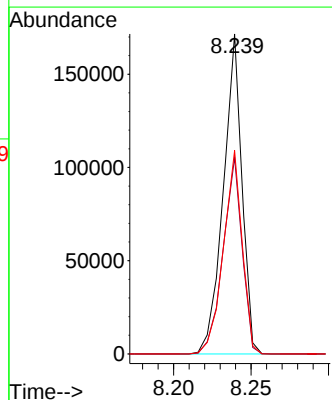
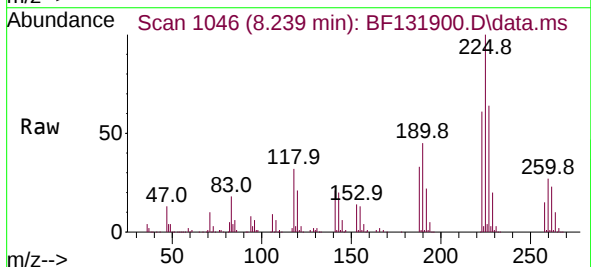
APPROVED

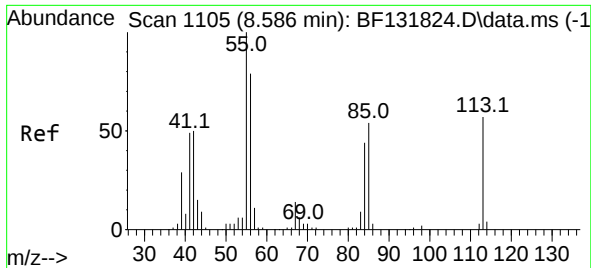
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Tgt Ion:225 Resp: 143421
Ion Ratio Lower Upper
225 100
223 61.3 50.0 75.0
227 63.6 50.8 76.2





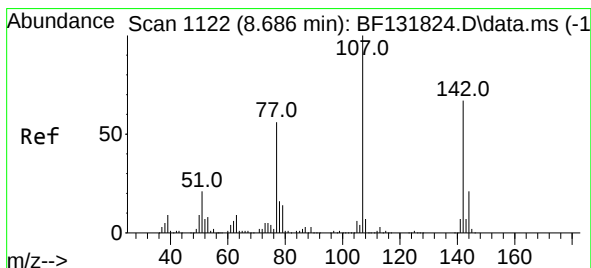
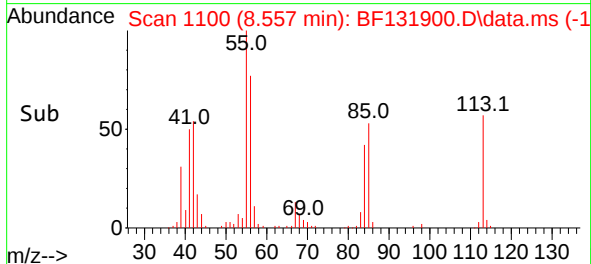
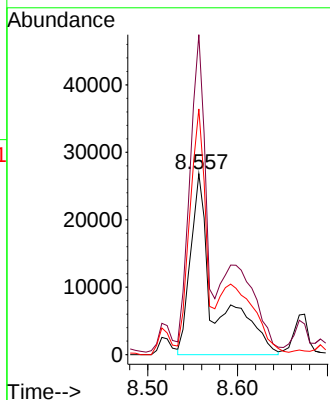
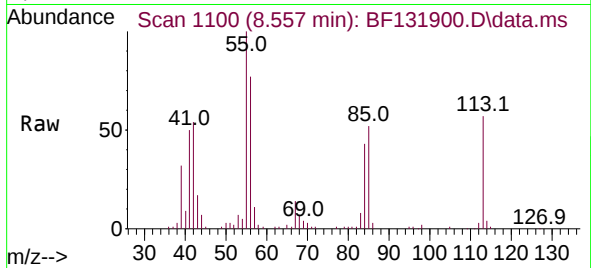
#35
Caprolactam
Concen: 39.661 ng m
RT: 8.557 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Tgt Ion:113 Resp: 51185
Ion Ratio Lower Upper
113 100
55 176.8 153.3 193.3
56 135.8 116.3 156.3

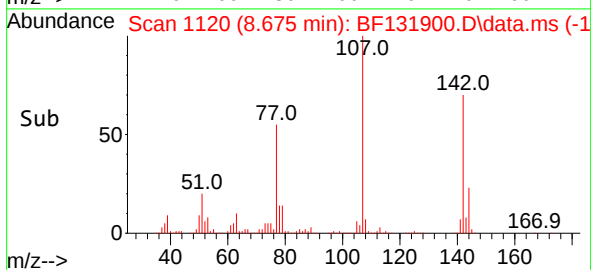
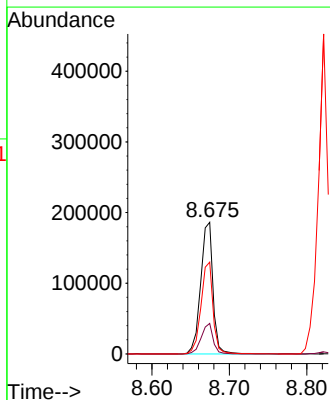
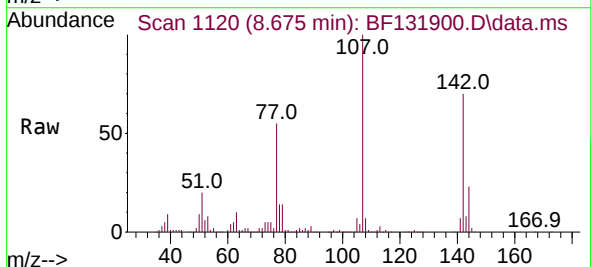
Manual Integrations
APPROVED

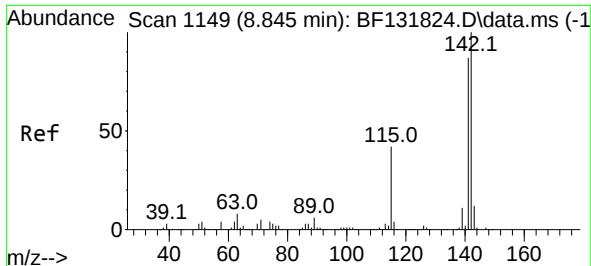
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#36
4-Chloro-3-methylphenol
Concen: 41.606 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Tgt Ion:107 Resp: 204967
Ion Ratio Lower Upper
107 100
144 23.2 16.8 25.2
142 69.8 53.8 80.8





#37

2-Methylnaphthalene

Concen: 40.800 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion:142 Resp: 389744

Ion Ratio Lower Upper

142 100

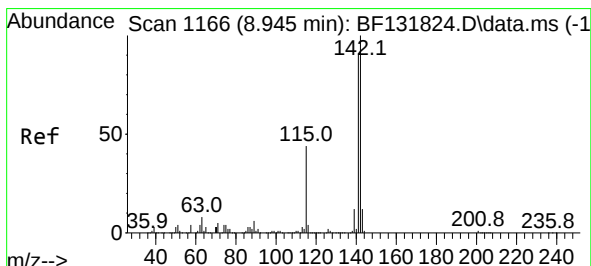
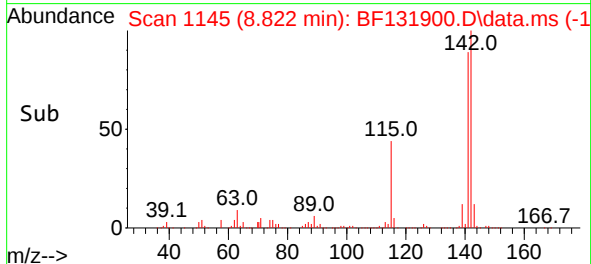
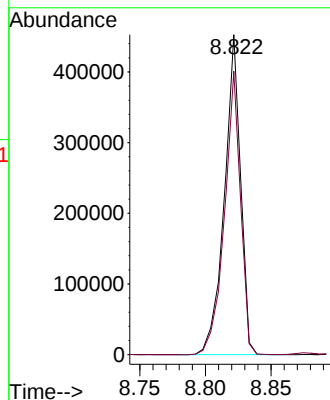
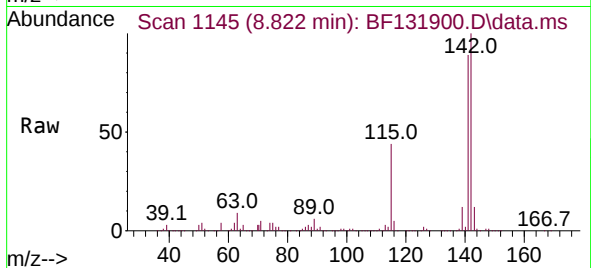
141 88.5 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#38

1-Methylnaphthalene

Concen: 38.899 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF131900.D

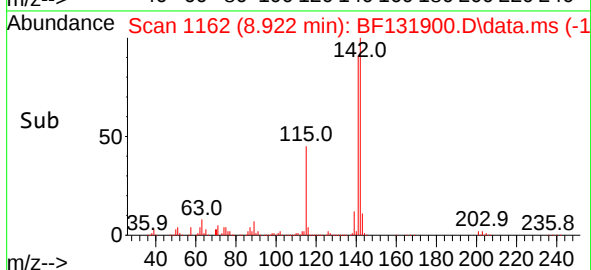
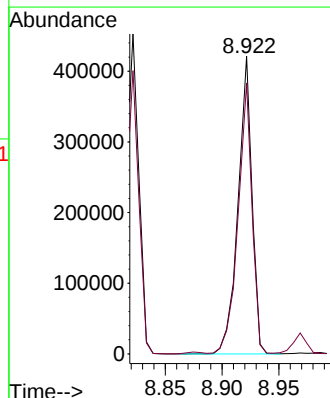
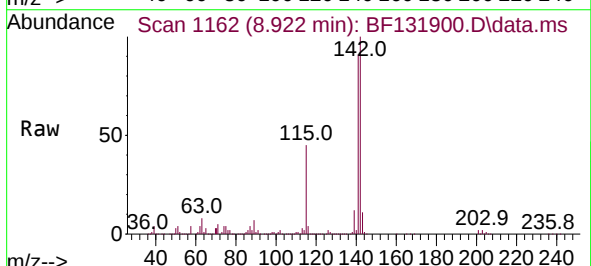
Acq: 04 Jan 2023 15:43

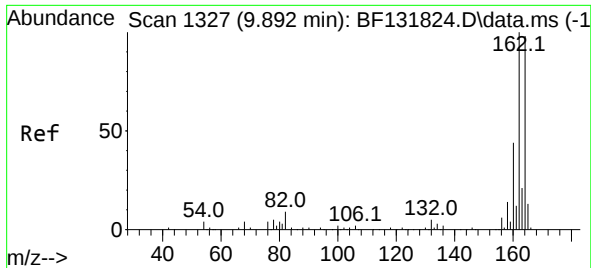
Tgt Ion:142 Resp: 360928

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

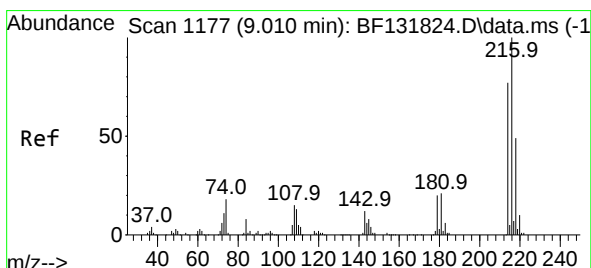
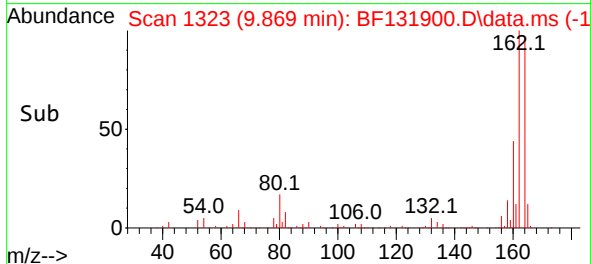
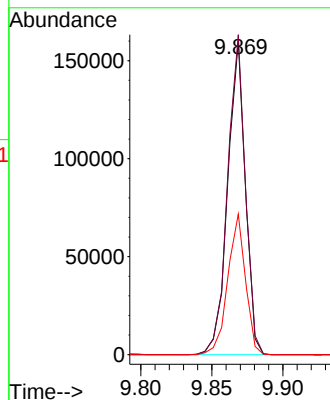
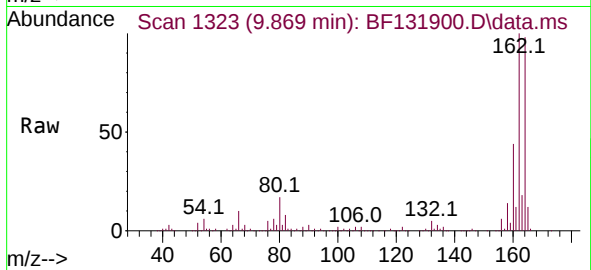
Tgt Ion:164 Resp: 13825

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	44.9	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: 45.804 ng

RT: 8.986 min Scan# 1173

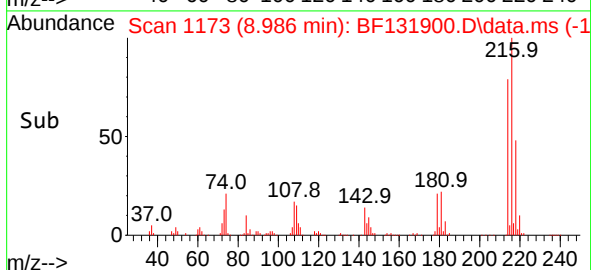
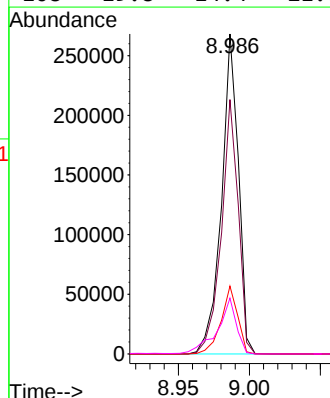
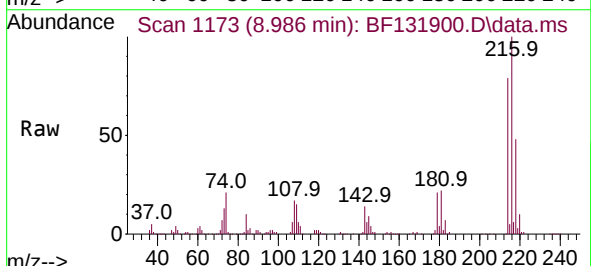
Delta R.T. -0.006 min

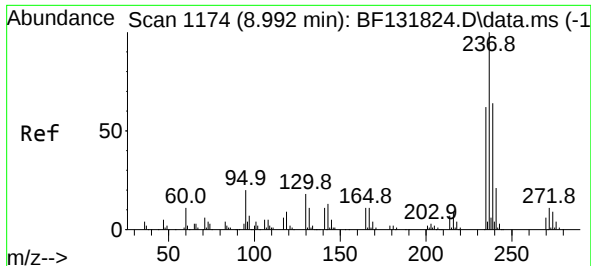
Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:216 Resp: 222350

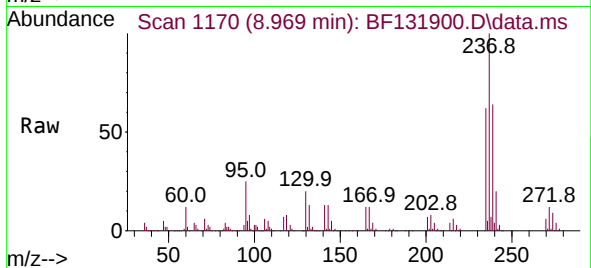
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	20.8	16.4	24.6
108	19.8	14.4	21.6





#41
Hexachlorocyclopentadiene
Concen: 92.242 ng
RT: 8.969 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

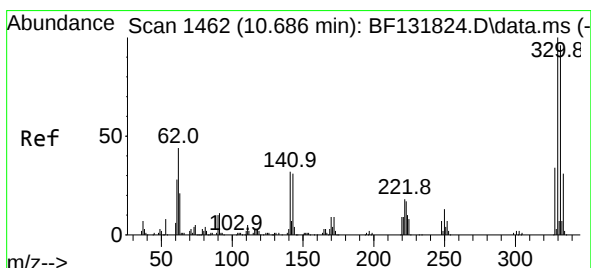
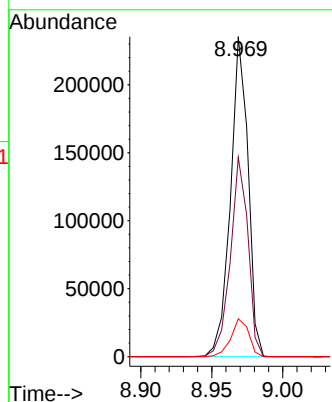
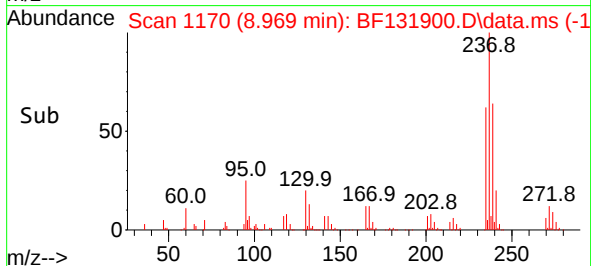
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



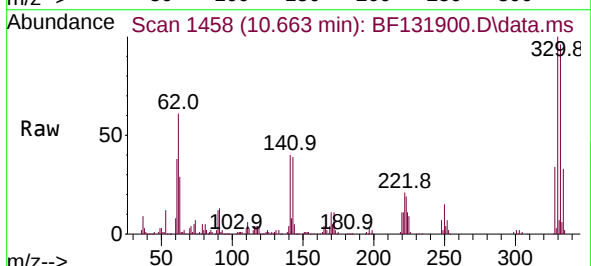
Tgt Ion: 237 Resp: 202522
Ion Ratio Lower Upper
237 100
235 62.3 42.3 82.3
272 11.8 0.0 31.4

Manual Integrations
APPROVED

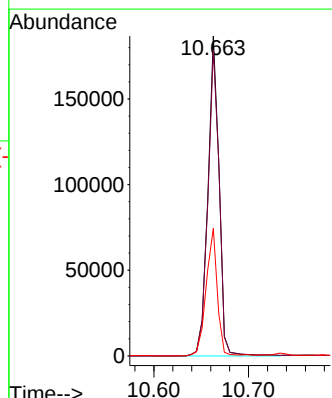
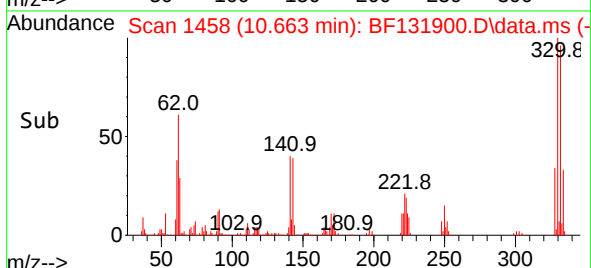
Reviewed By : Christian Giraldo 01/05/2023
Supervised By : Jagrut Upadhyay 01/05/2023

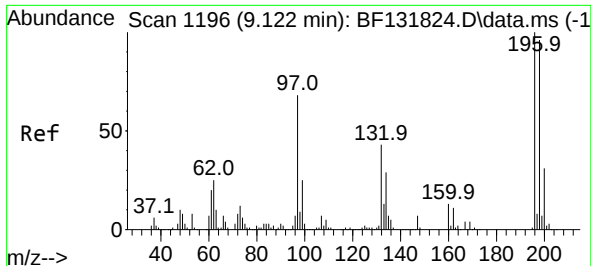


#42
2,4,6-Tribromophenol
Concen: 102.093 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion: 330 Resp: 153356
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 40.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 43.297 ng

RT: 9.104 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion:196 Resp: 134614

Ion Ratio Lower Upper

196 100

198 97.0 76.5 114.7

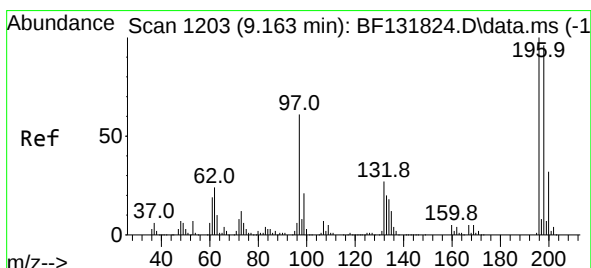
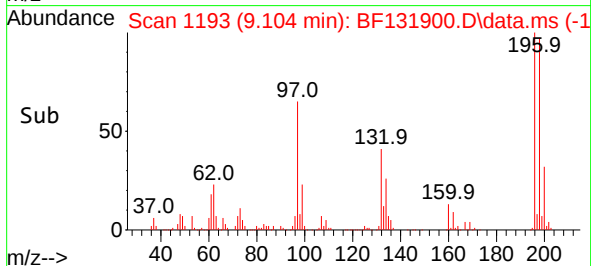
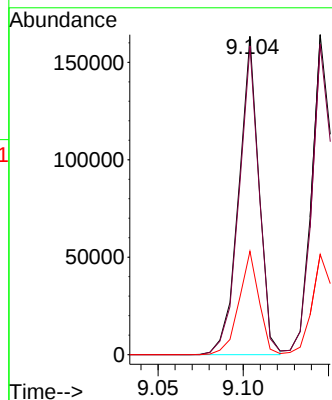
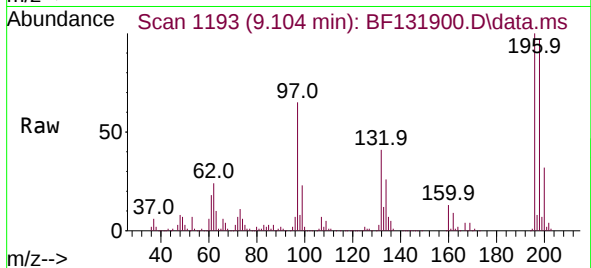
200 32.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#44

2,4,5-Trichlorophenol

Concen: 41.786 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:196 Resp: 140438

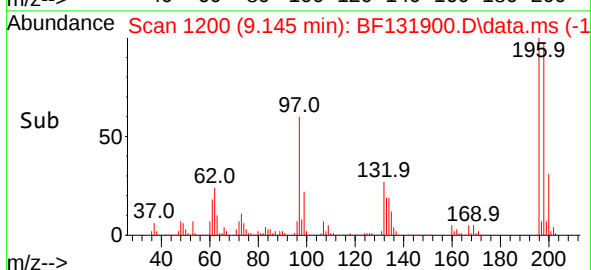
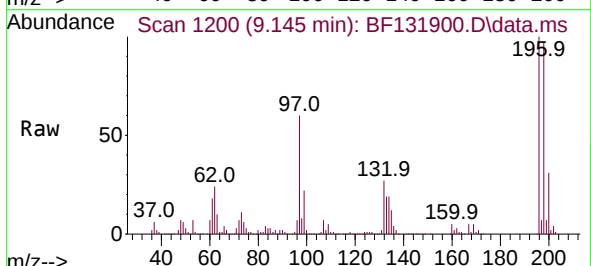
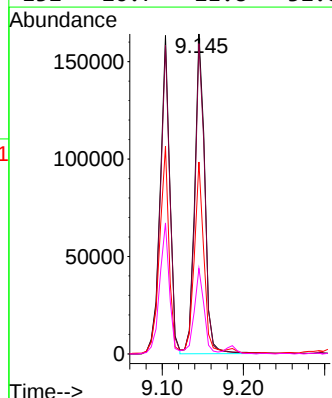
Ion Ratio Lower Upper

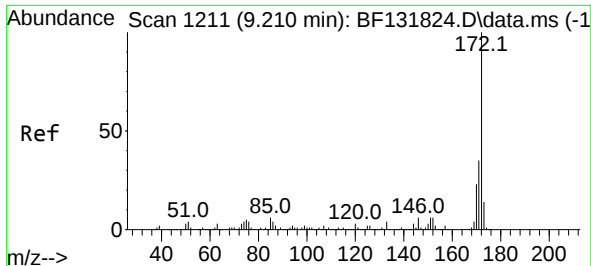
196 100

198 97.0 76.6 115.0

97 60.0 49.3 73.9

132 26.7 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 70.879 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion:172 Resp: 715409

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

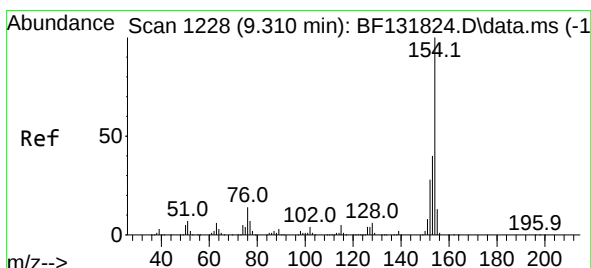
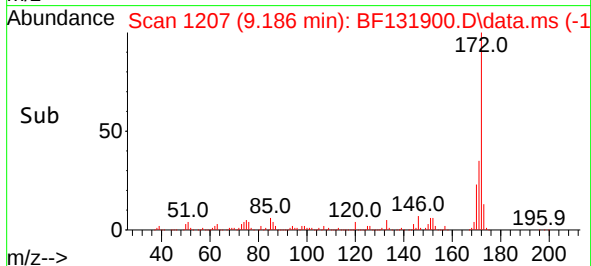
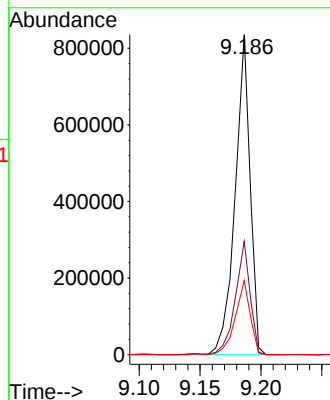
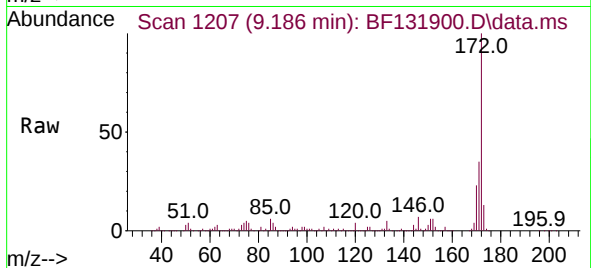
170 23.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#46

1,1'-Biphenyl

Concen: 45.494 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

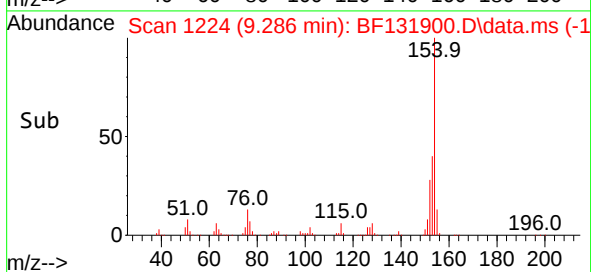
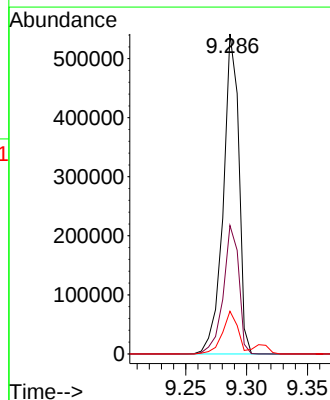
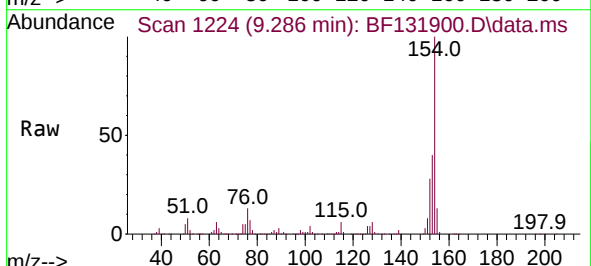
Tgt Ion:154 Resp: 481542

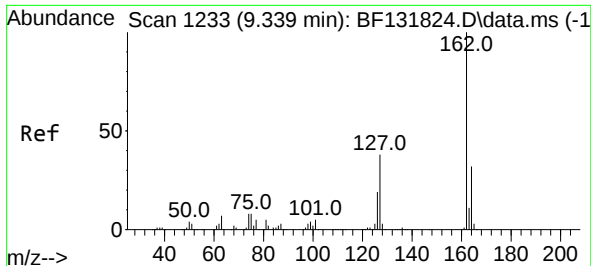
Ion Ratio Lower Upper

154 100

153 40.1 19.8 59.8

76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.751 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion:162 Resp: 383118

Ion Ratio Lower Upper

162 100

127 39.6 31.0 46.6

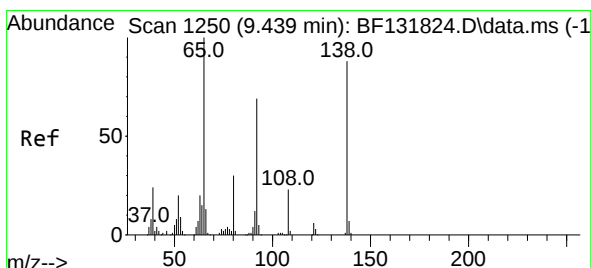
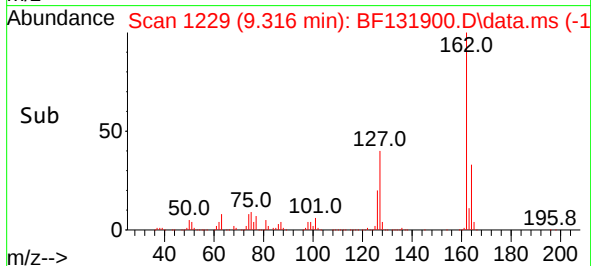
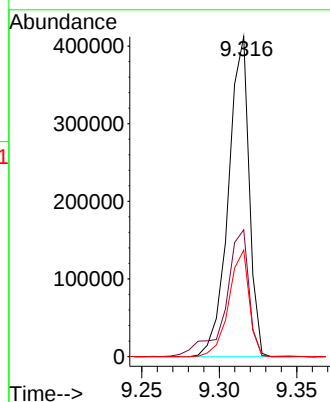
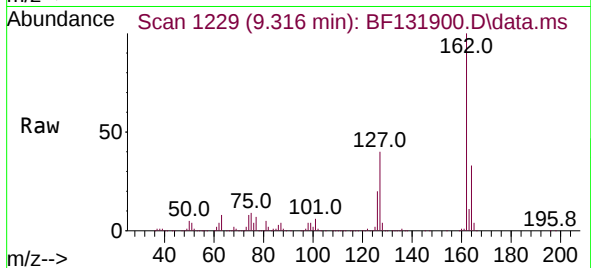
164 33.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#48

2-Nitroaniline

Concen: 41.623 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

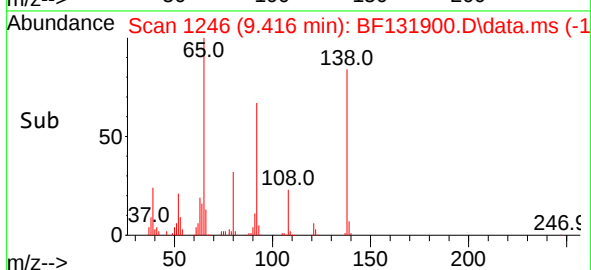
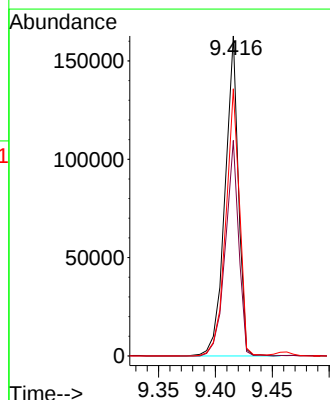
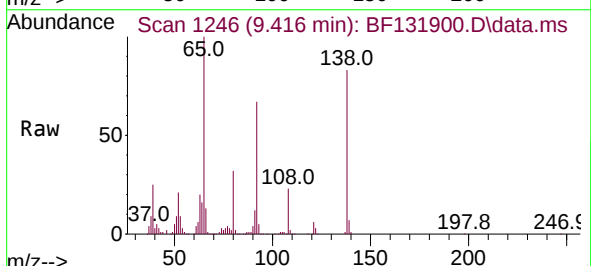
Tgt Ion: 65 Resp: 133597

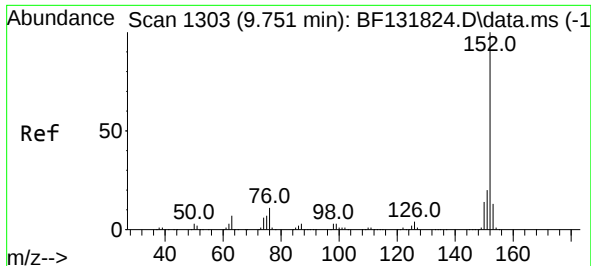
Ion Ratio Lower Upper

65 100

92 67.3 55.0 82.6

138 83.5 70.4 105.6





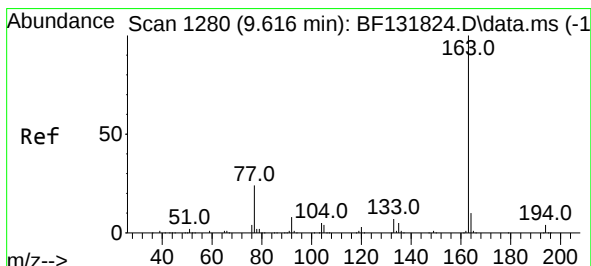
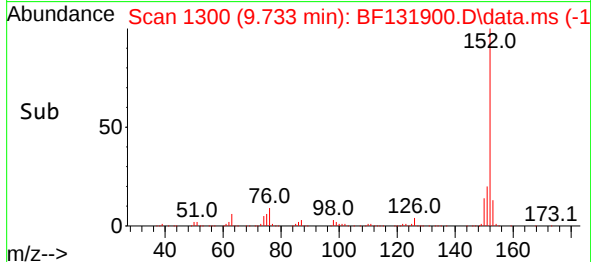
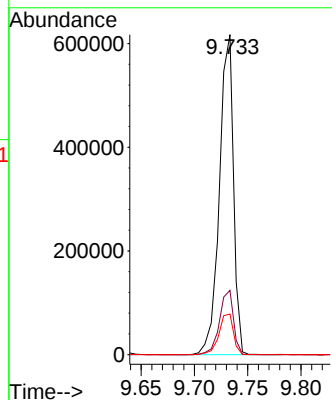
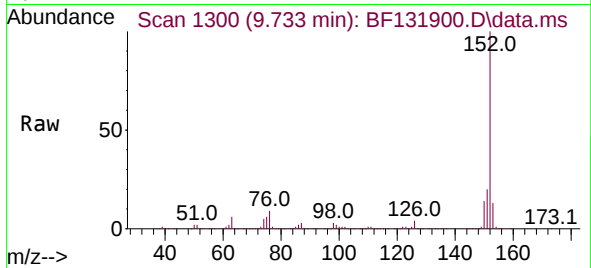
#49
Acenaphthylene
Concen: 43.683 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Tgt Ion:152 Resp: 56959
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 12.7 10.2 15.4

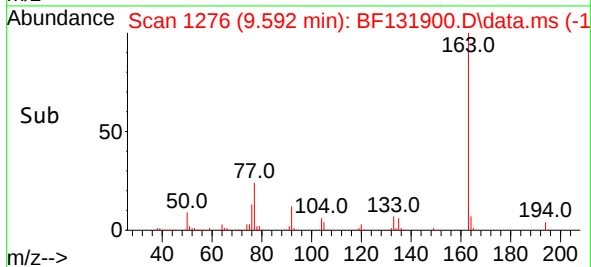
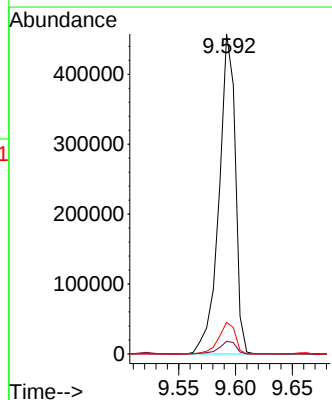
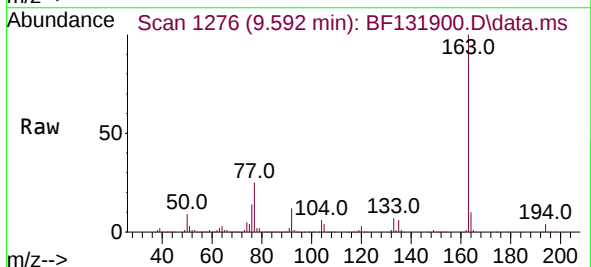
Manual Integrations
APPROVED

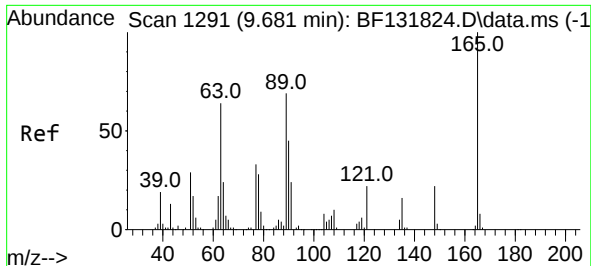
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#50
Dimethylphthalate
Concen: 43.534 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Tgt Ion:163 Resp: 455339
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 42.963 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

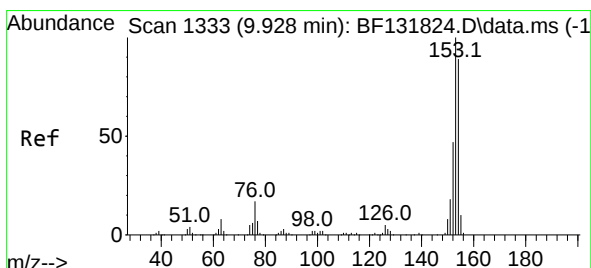
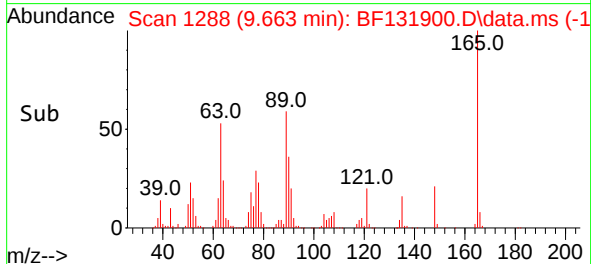
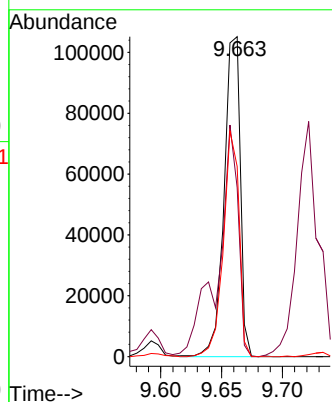
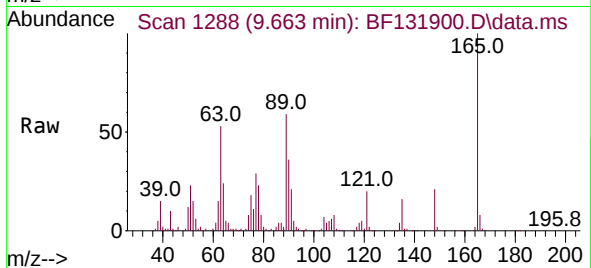
Tgt Ion:165 Resp: 97276

Ion	Ratio	Lower	Upper
165	100		
63	52.8	55.1	82.7
89	59.4	55.0	82.4

Manual Integrations

APPROVED

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



#52

Acenaphthene

Concen: 42.541 ng

RT: 9.904 min Scan# 1329

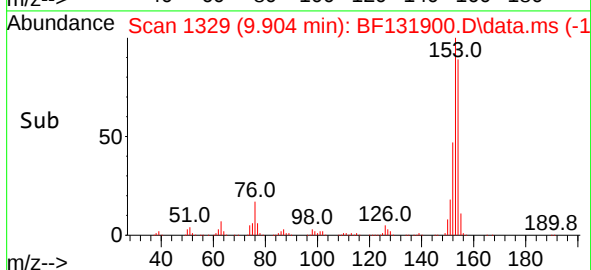
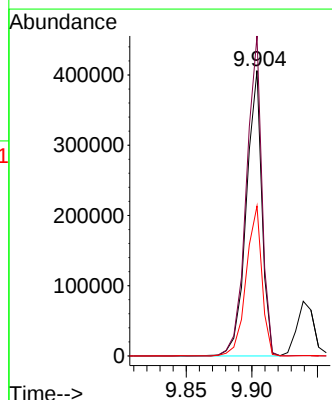
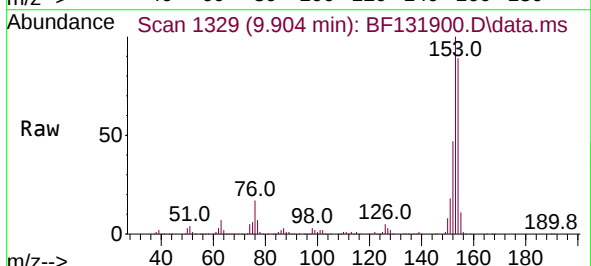
Delta R.T. -0.006 min

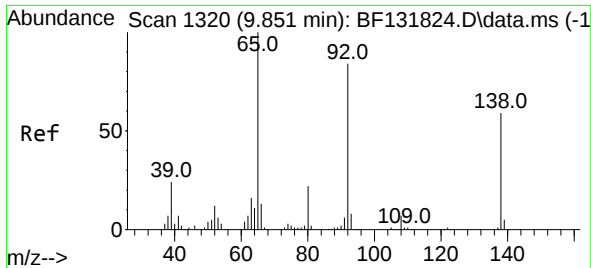
Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:154 Resp: 334772

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.2
152	52.5	42.5	63.7





#53
3-Nitroaniline
Concen: 26.217 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

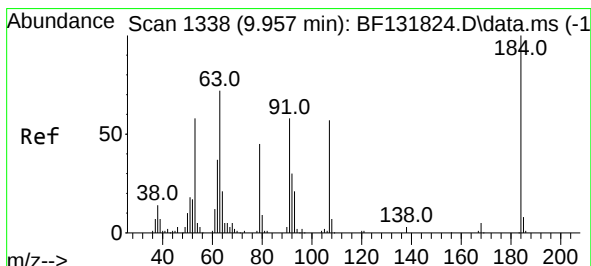
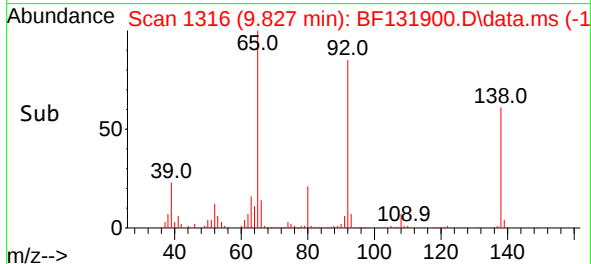
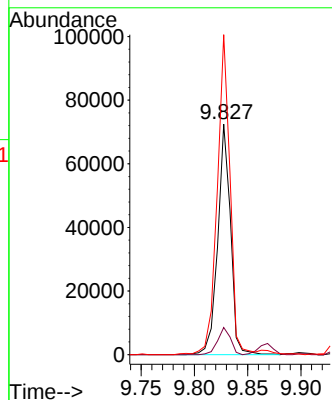
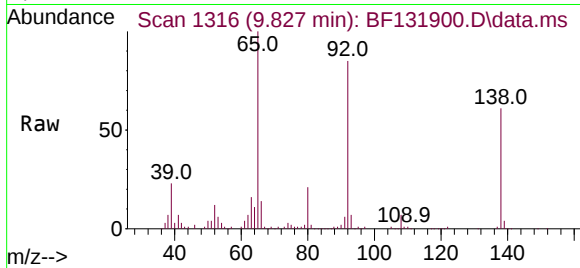
PL-01-10323MS

Tgt Ion:138 Resp: 60483
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 138.8 113.9 170.9

Manual Integrations

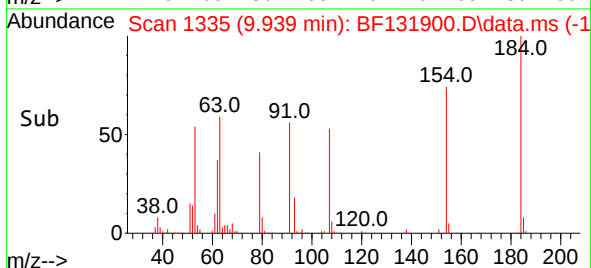
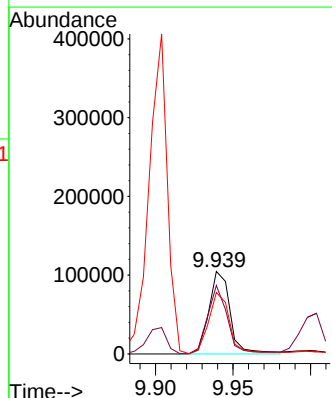
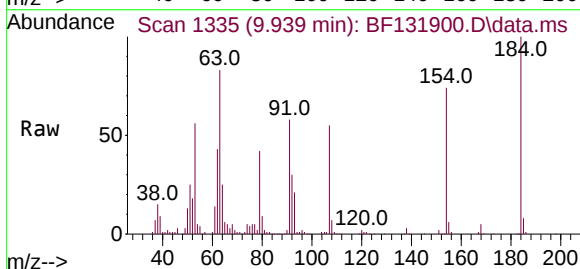
APPROVED

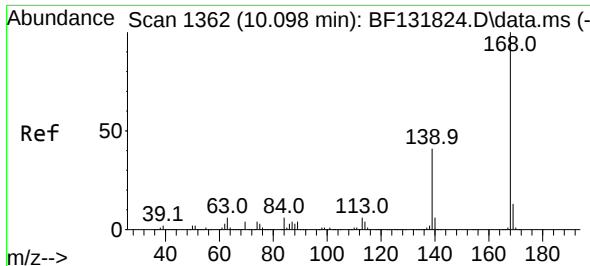
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#54
2,4-Dinitrophenol
Concen: 76.593 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

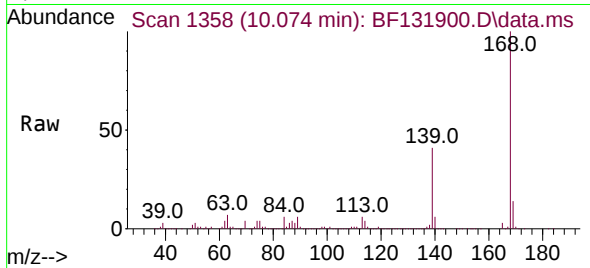
Tgt Ion:184 Resp: 99799
Ion Ratio Lower Upper
184 100
63 82.9 66.8 100.2
154 74.3 61.6 92.4





#55
Dibenzenofuran
Concen: 42.131 ng
RT: 10.074 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

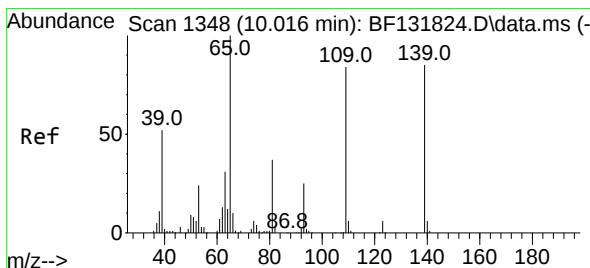
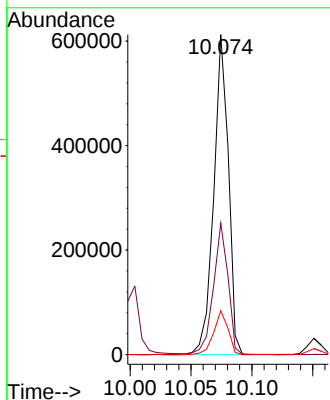
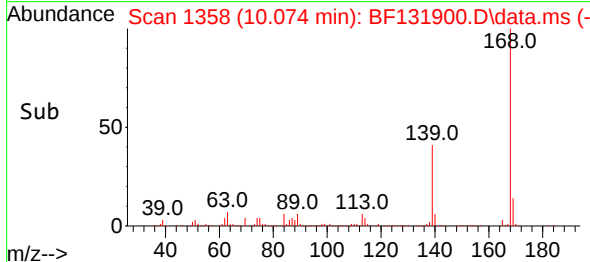
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



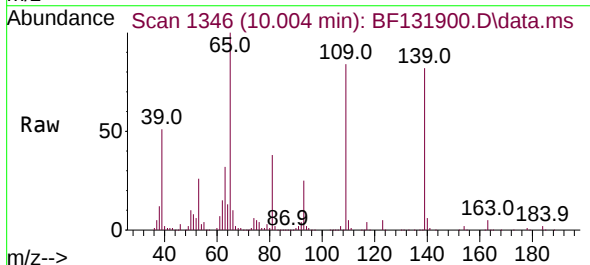
Tgt Ion:168 Resp: 510813
Ion Ratio Lower Upper
168 100
139 41.1 32.6 49.0
169 13.7 10.5 15.7

Manual Integrations
APPROVED

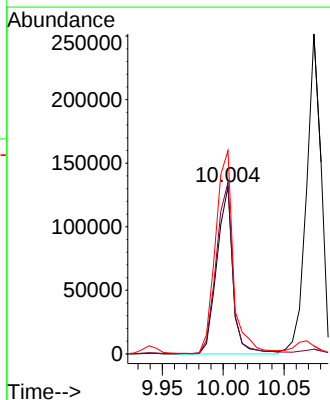
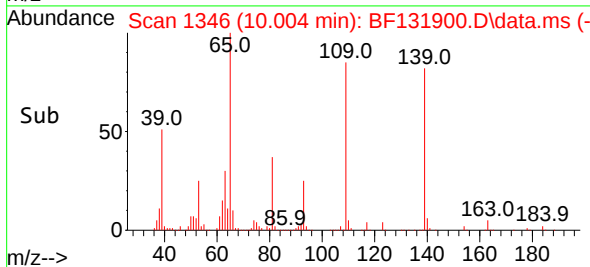
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

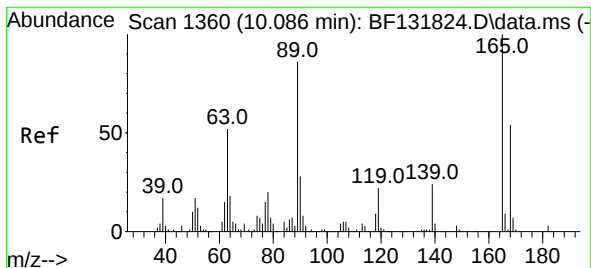


#56
4-Nitrophenol
Concen: 74.420 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion:139 Resp: 120273
Ion Ratio Lower Upper
139 100
109 102.7 78.5 118.5
65 121.6 97.5 137.5





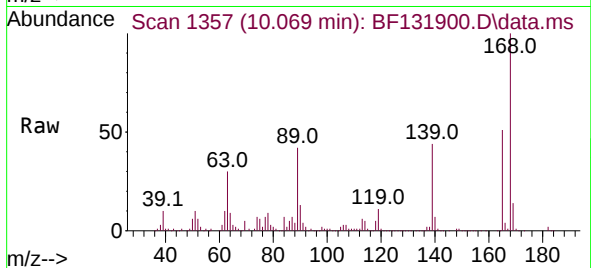
#57
2,4-Dinitrotoluene
Concen: 40.624 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

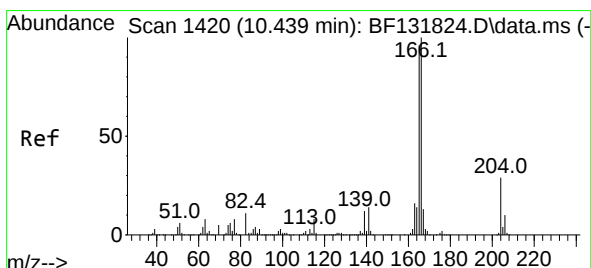
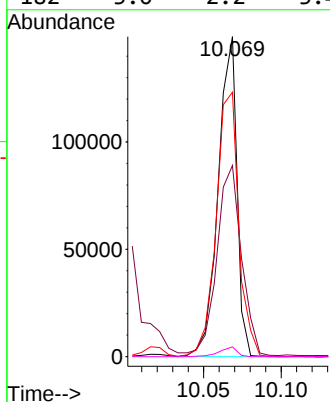
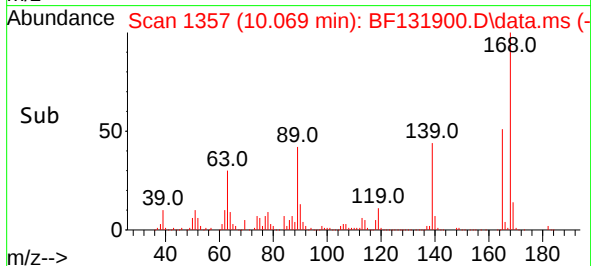


Tgt Ion:165 Resp: 125791
Ion Ratio Lower Upper
165 100
63 59.7 42.1 63.1
89 82.6 69.1 103.7
182 3.0 2.2 3.4

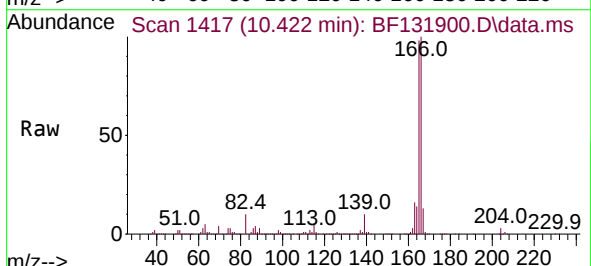
Manual Integrations

APPROVED

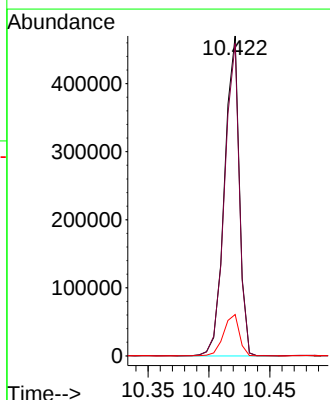
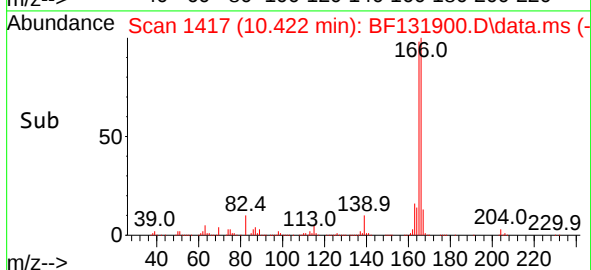
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

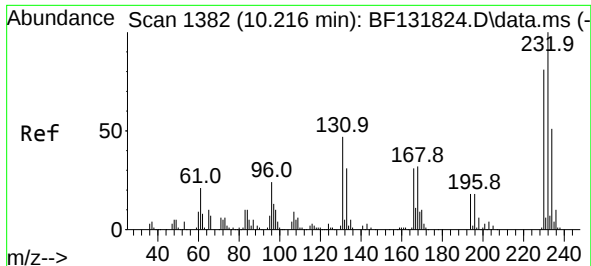


#58
Fluorene
Concen: 40.230 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



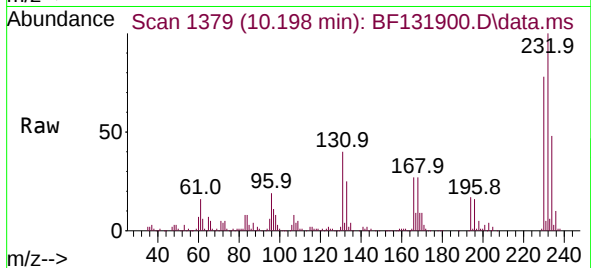
Tgt Ion:166 Resp: 398197
Ion Ratio Lower Upper
166 100
165 97.7 77.0 115.4
167 12.9 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.200 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

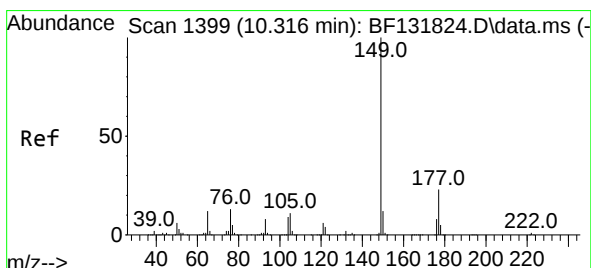
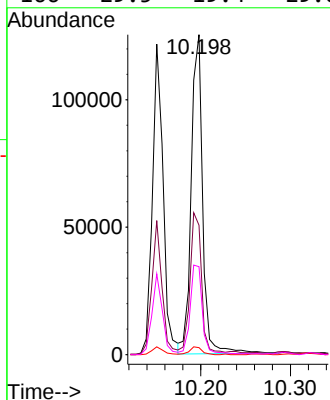
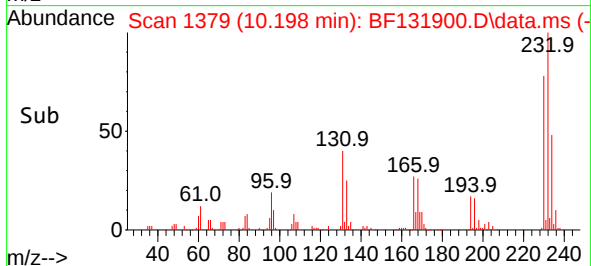
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



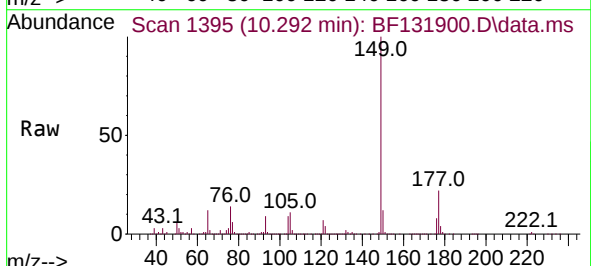
Tgt Ion:232 Resp: 110873
Ion Ratio Lower Upper
232 100
131 43.2 30.1 45.1
130 2.6 1.8 2.6
166 29.5 19.4 29.0#

Manual Integrations
APPROVED

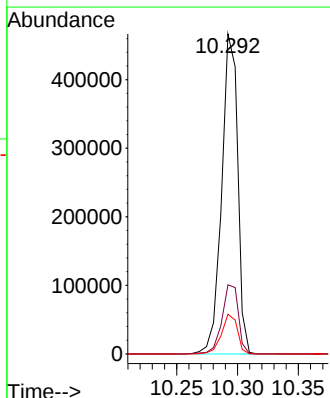
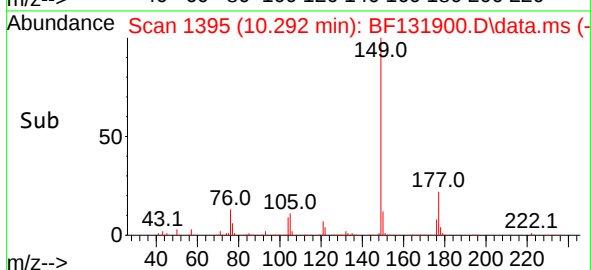
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

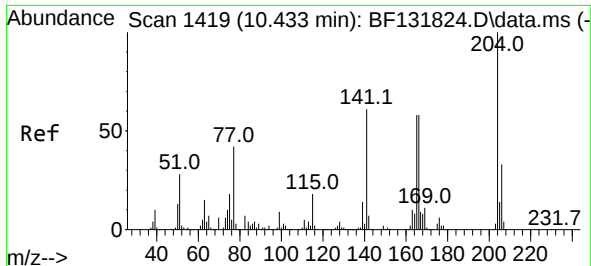


#60
Diethylphthalate
Concen: 42.479 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



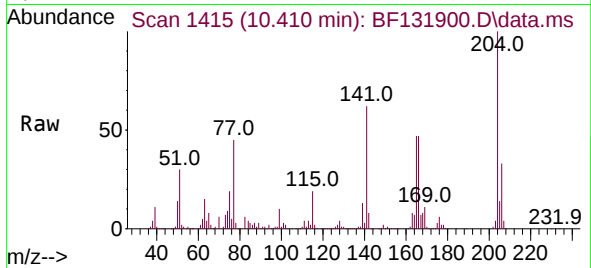
Tgt Ion:149 Resp: 427626
Ion Ratio Lower Upper
149 100
177 21.6 18.1 27.1
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.452 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

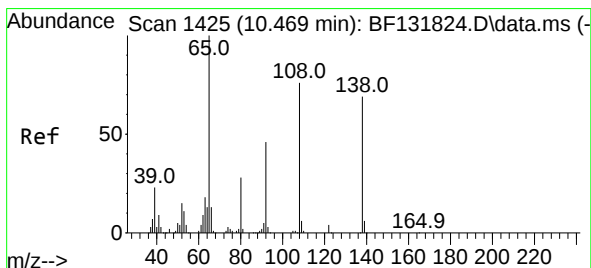
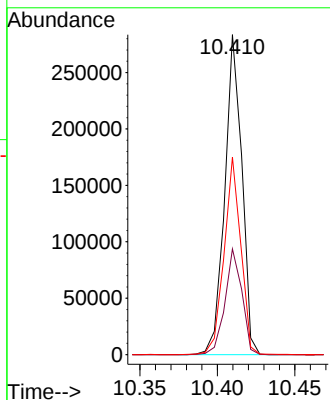
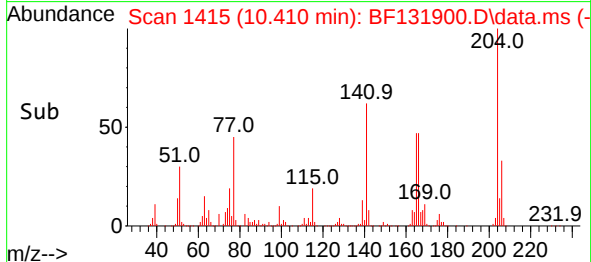
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



Tgt Ion:204 Resp: 218437
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 61.7 49.0 73.4

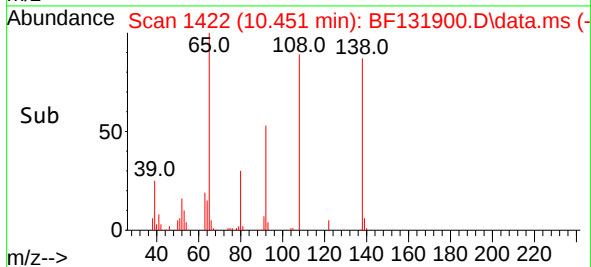
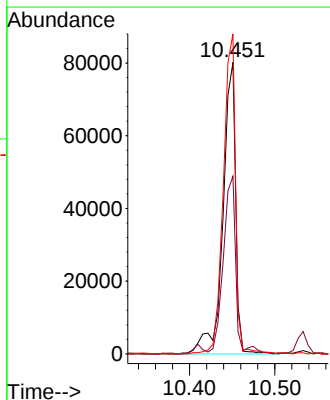
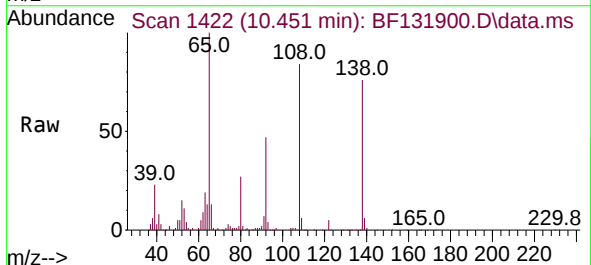
Manual Integrations
APPROVED

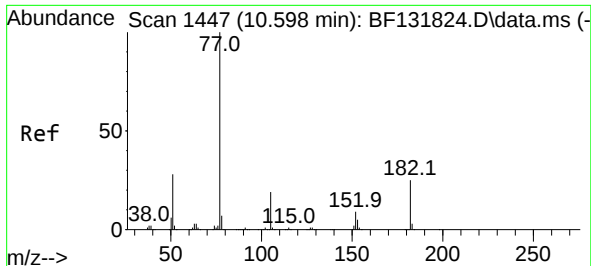
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#62
4-Nitroaniline
Concen: 34.559 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

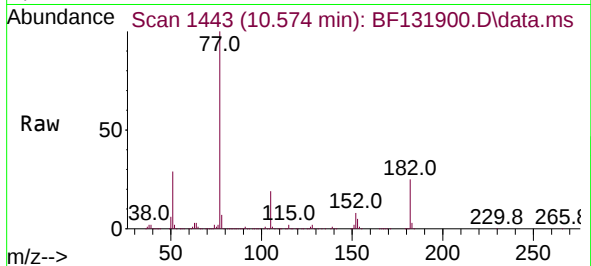
Tgt Ion:138 Resp: 83091
Ion Ratio Lower Upper
138 100
92 60.9 47.2 87.2
108 109.8 89.2 129.2





#63
Azobenzene
Concen: 40.991 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

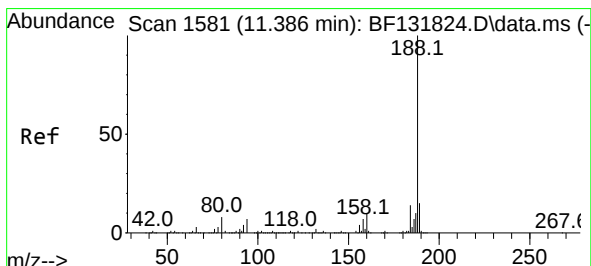
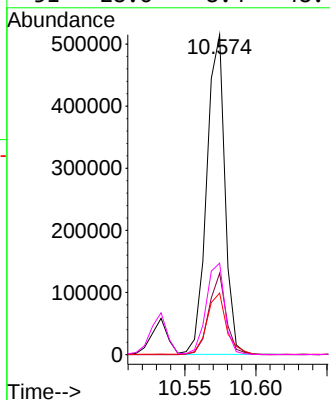
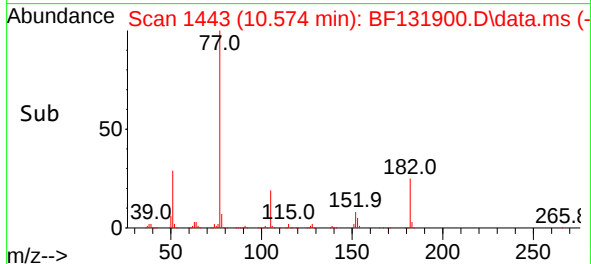
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



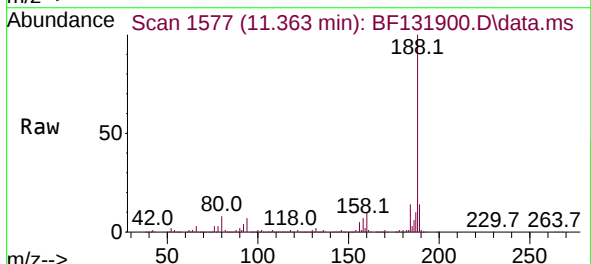
Tgt Ion: 77 Resp: 457958
Ion Ratio Lower Upper
77 100
182 25.4 5.0 45.0
105 19.2 0.0 39.4
51 28.6 8.4 48.4

Manual Integrations
APPROVED

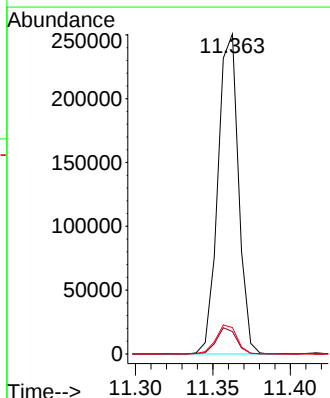
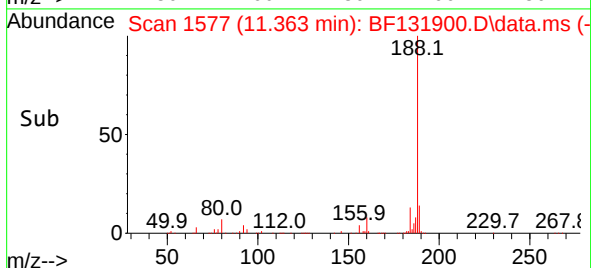
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

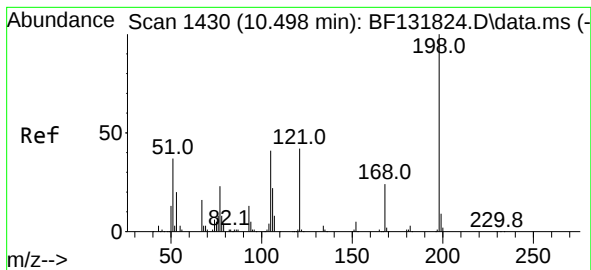


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion:188 Resp: 231951
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 8.2 6.7 10.1





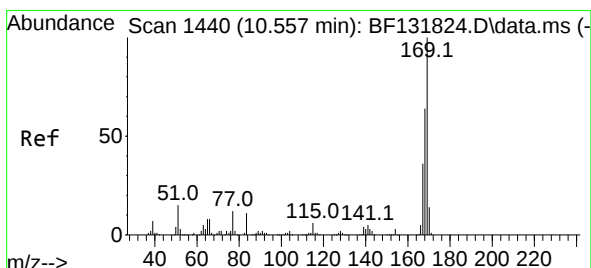
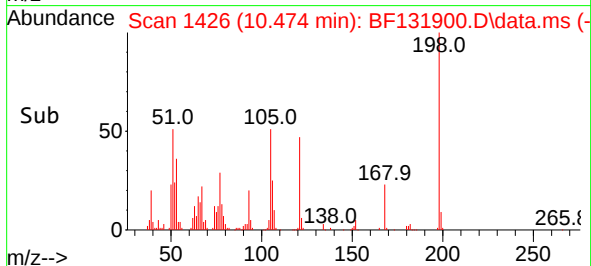
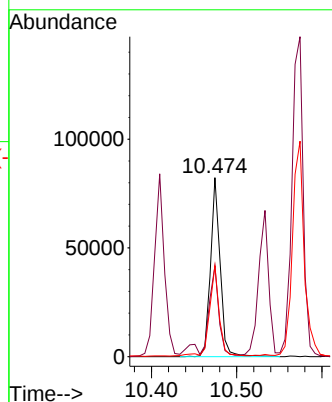
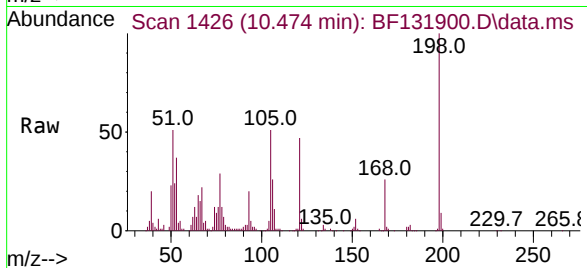
#65
4,6-Dinitro-2-methylphenol
Concen: 40.991 ng
RT: 10.474 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Tgt Ion:198 Resp: 64735
Ion Ratio Lower Upper
198 100
51 50.6 21.6 61.6
105 50.9 22.0 62.0

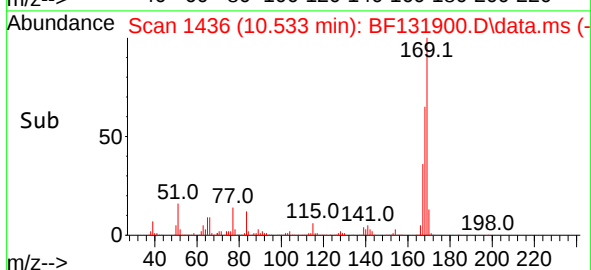
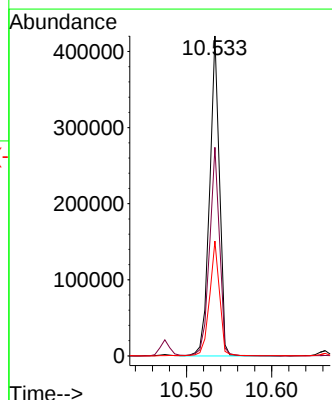
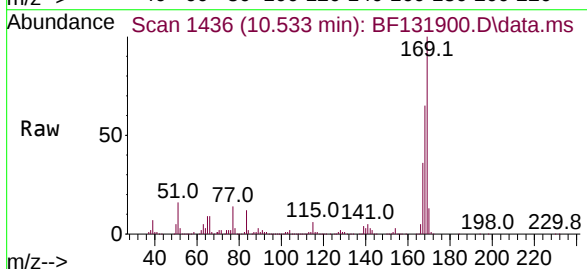
Manual Integrations
APPROVED

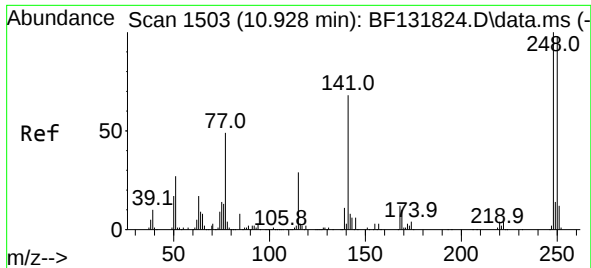
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#66
n-Nitrosodiphenylamine
Concen: 48.072 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

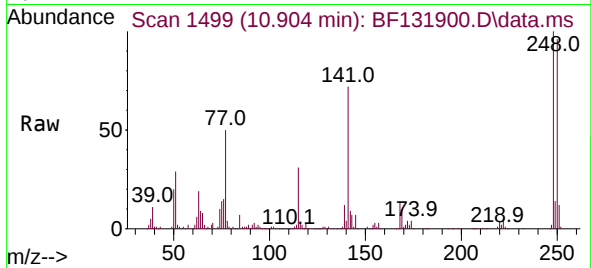
Tgt Ion:169 Resp: 340135
Ion Ratio Lower Upper
169 100
168 65.2 51.5 77.3
167 35.9 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 47.667 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

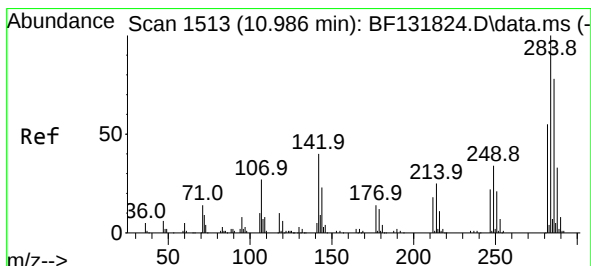
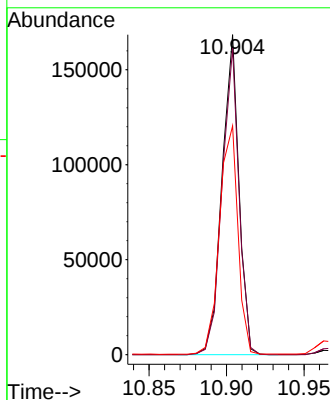
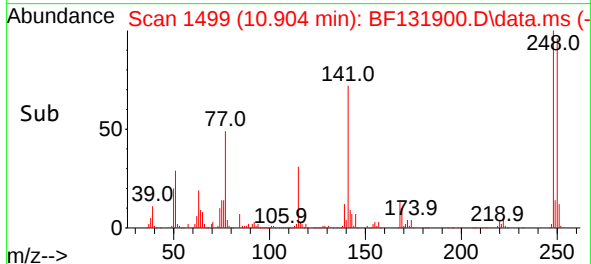
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



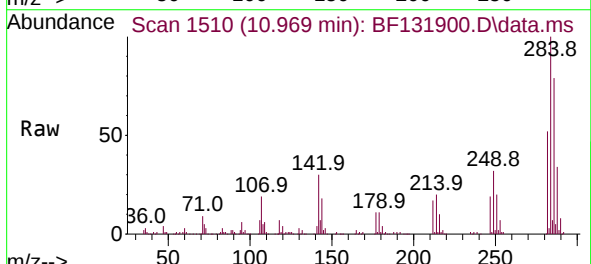
Tgt Ion:248 Resp: 128144
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 71.5 54.8 82.2

Manual Integrations
APPROVED

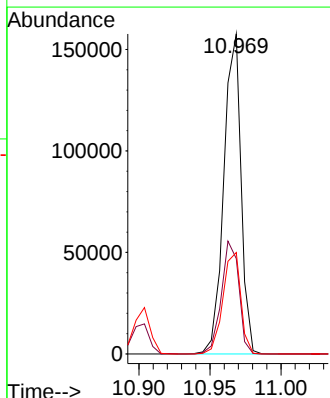
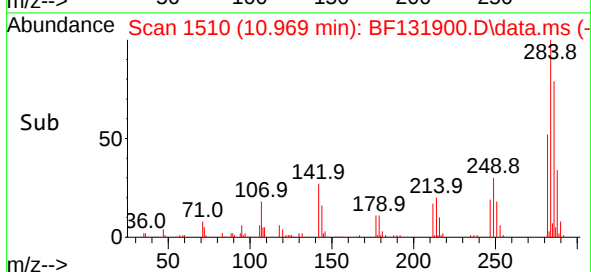
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

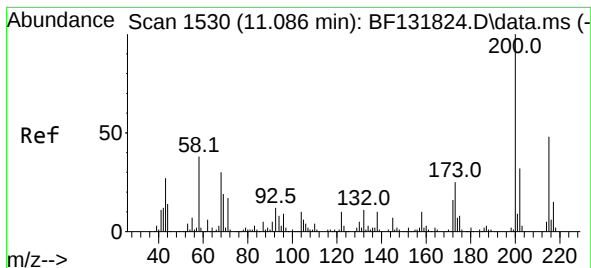


#68
Hexachlorobenzene
Concen: 45.099 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion:284 Resp: 133186
Ion Ratio Lower Upper
284 100
142 29.8 31.6 47.4#
249 31.7 26.9 40.3





#69

Atrazine

Concen: 50.427 ng

RT: 11.063 min Scan# 117463

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

Tgt Ion:200 Resp: 117463

Ion Ratio Lower Upper

200 100

173 25.8 4.5 44.5

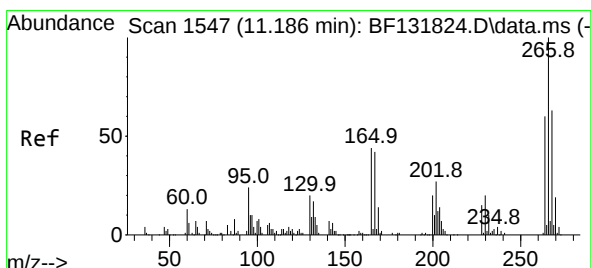
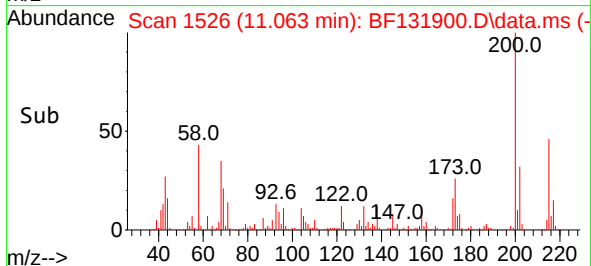
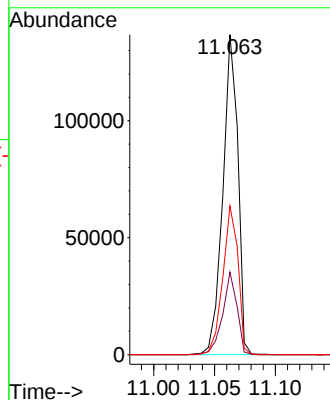
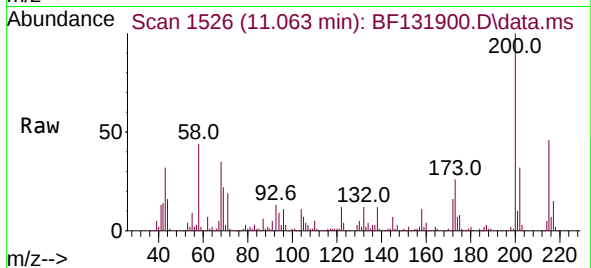
215 46.4 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#70

Pentachlorophenol

Concen: 82.187 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

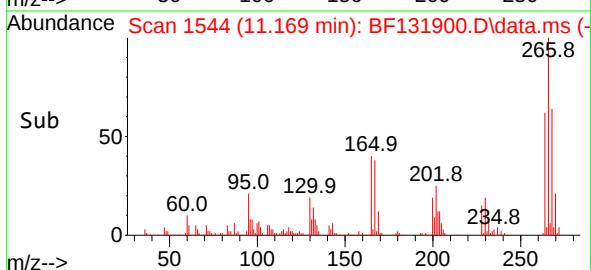
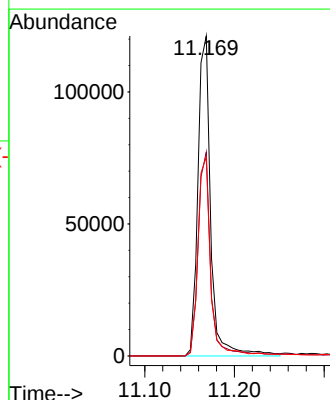
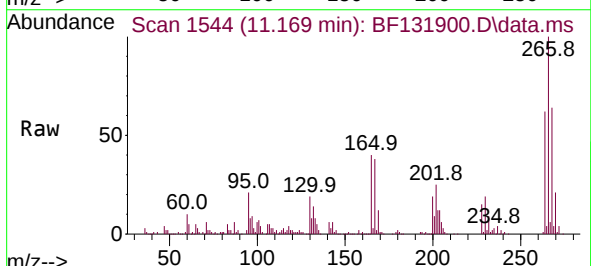
Tgt Ion:266 Resp: 120100

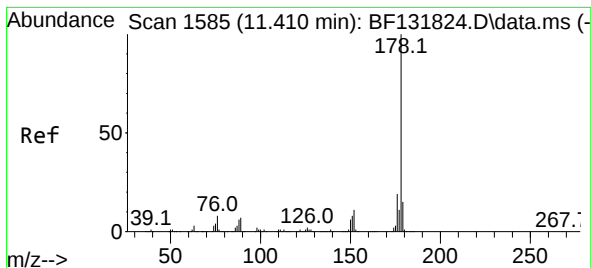
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 62.1 48.3 72.5





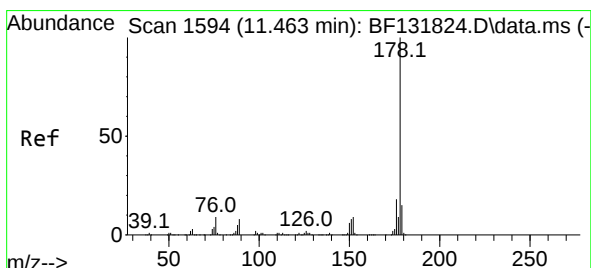
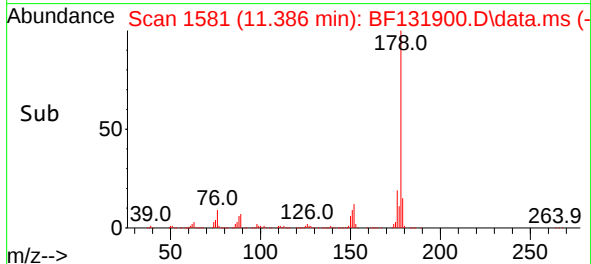
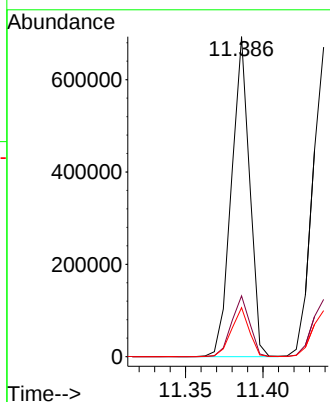
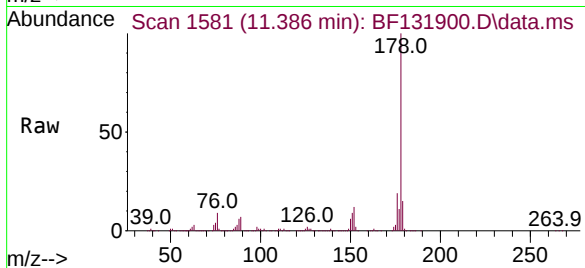
#71
Phenanthrene
Concen: 44.096 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Tgt Ion:178 Resp: 562462
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4

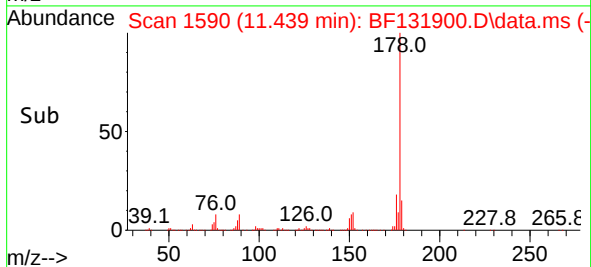
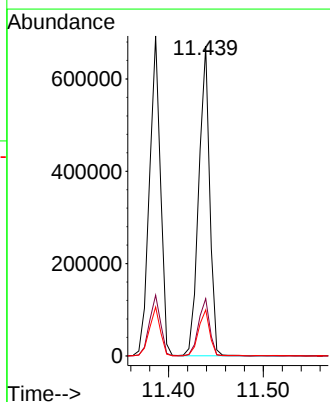
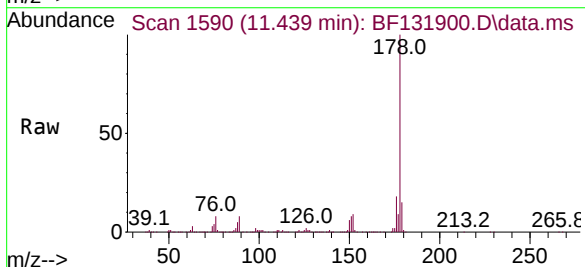
Manual Integrations
APPROVED

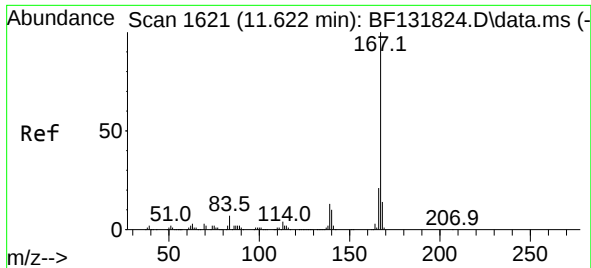
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#72
Anthracene
Concen: 42.997 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

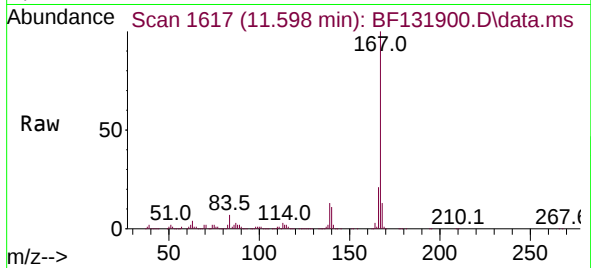
Tgt Ion:178 Resp: 536510
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 14.9 12.2 18.2





#73
 Carbazole
 Concen: 39.800 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF131900.D
 Acq: 04 Jan 2023 15:43

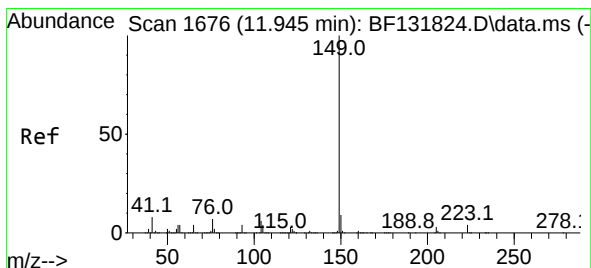
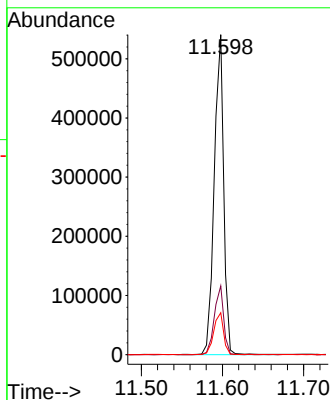
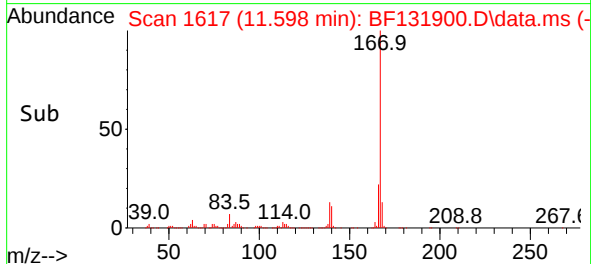
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MS



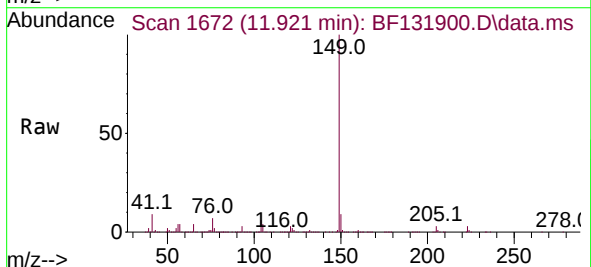
Tgt Ion:167 Resp: 438425
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.6 24.8
 139 13.1 10.6 15.8

Manual Integrations
 APPROVED

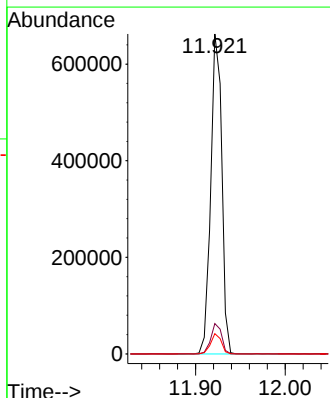
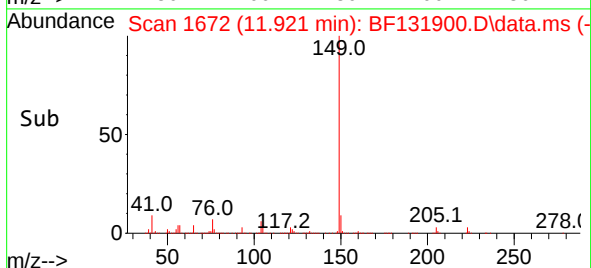
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023

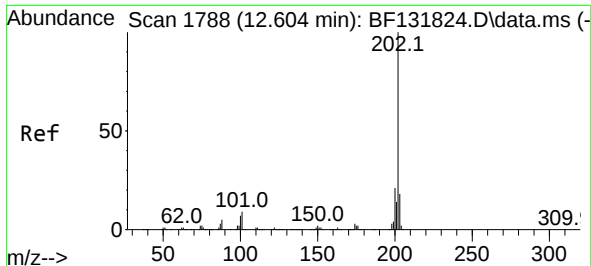


#74
 Di-n-butylphthalate
 Concen: 42.504 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF131900.D
 Acq: 04 Jan 2023 15:43



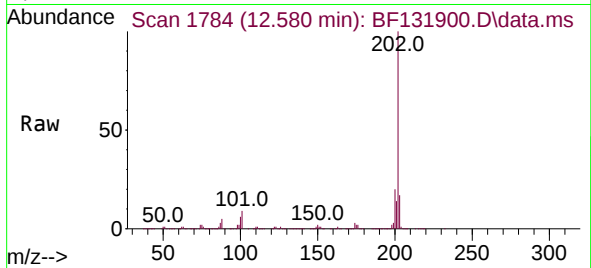
Tgt Ion:149 Resp: 565924
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.3 5.1 7.7





#75
Fluoranthene
Concen: 37.896 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

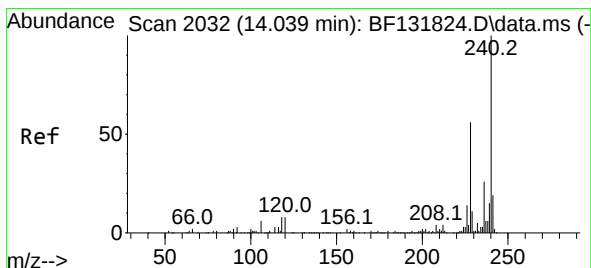
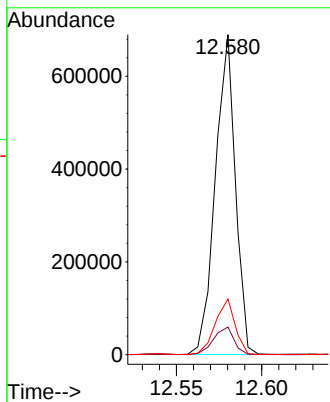
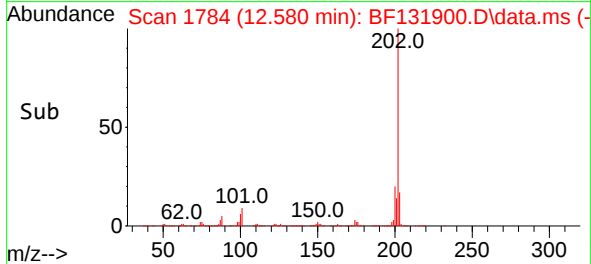
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



Tgt Ion:202 Resp: 563030
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.6
203 17.4 0.0 37.8

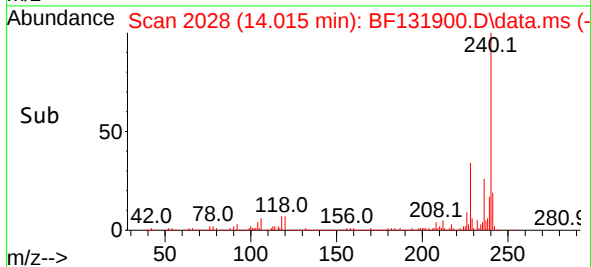
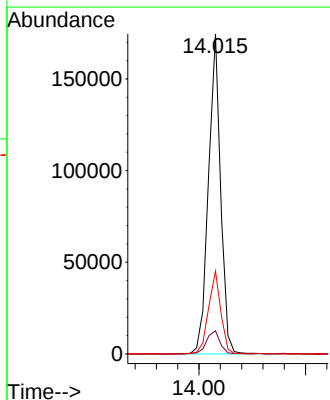
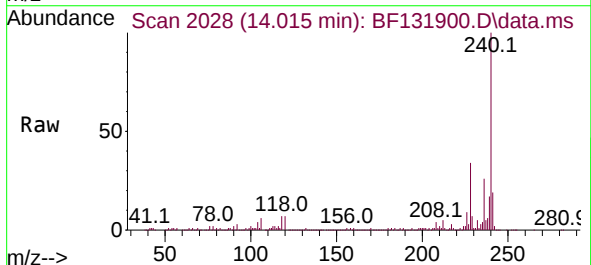
Manual Integrations
APPROVED

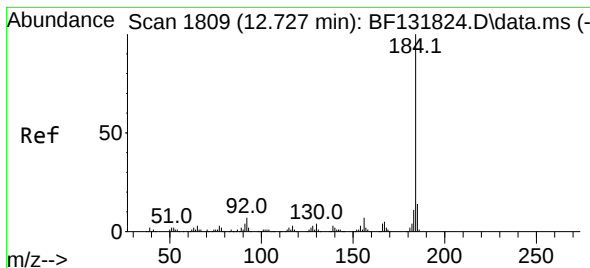
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

Tgt Ion:240 Resp: 137640
Ion Ratio Lower Upper
240 100
120 7.2 6.7 10.1
236 25.9 20.6 31.0





#77

Benzidine

Concen: 74.849 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

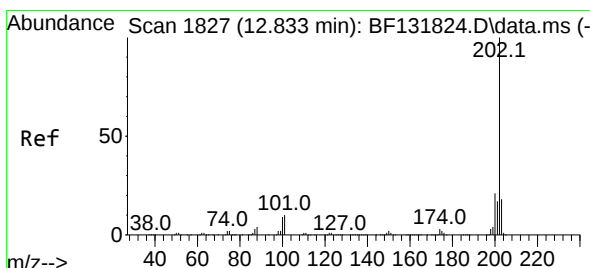
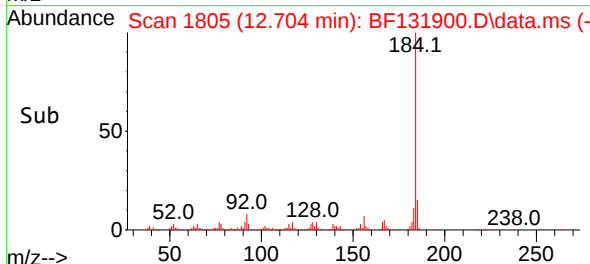
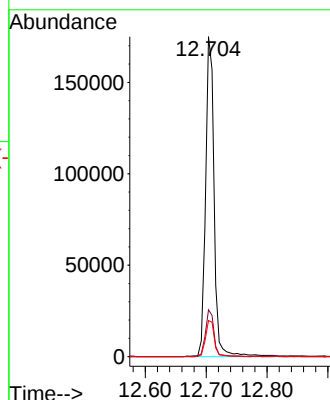
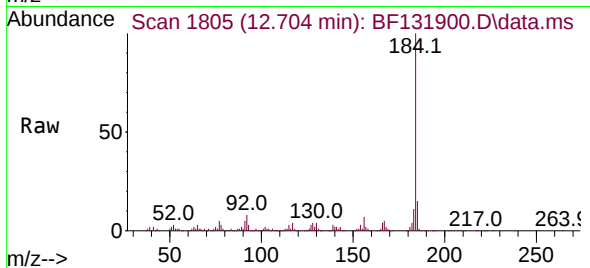
Tgt Ion:184 Resp: 169304

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.3	9.0	13.4

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 47.802 ng

RT: 12.810 min Scan# 1823

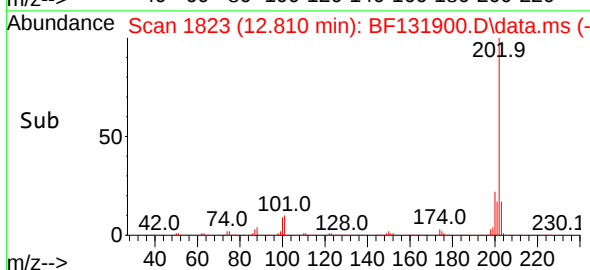
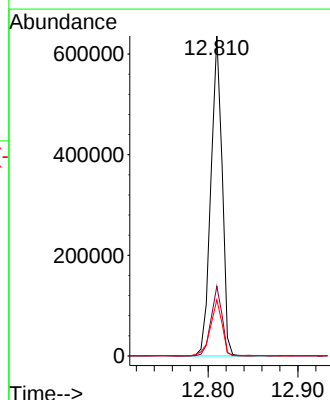
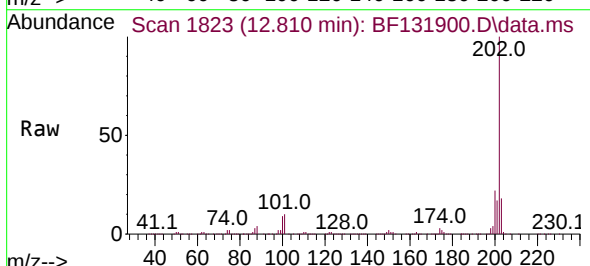
Delta R.T. -0.006 min

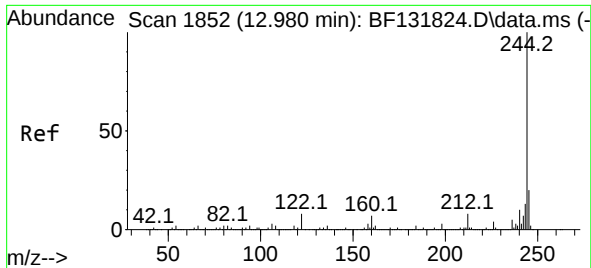
Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:202 Resp: 551468

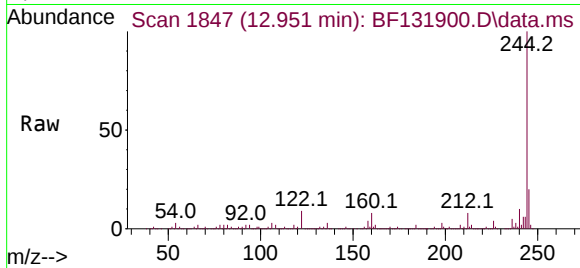
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	17.5	14.4	21.6





#79
 Terphenyl-d14
 Concen: 63.604 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131900.D
 Acq: 04 Jan 2023 15:43

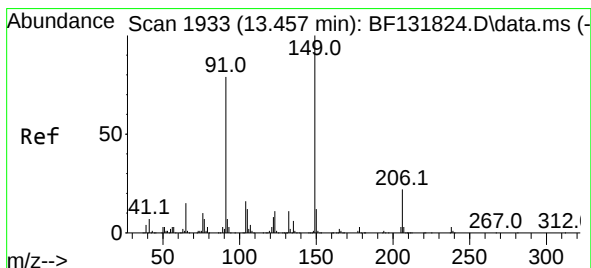
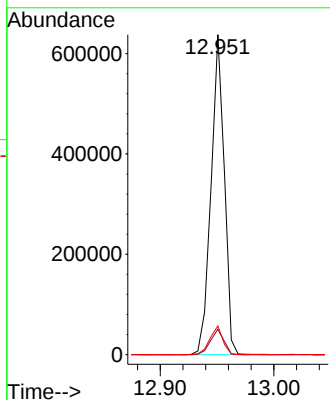
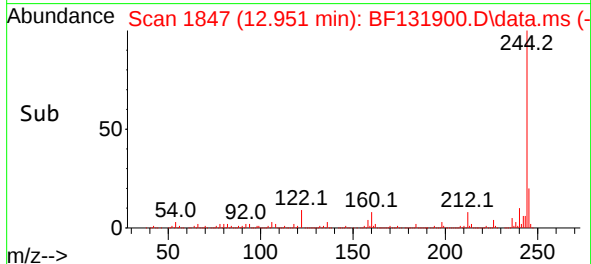
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-10323MS



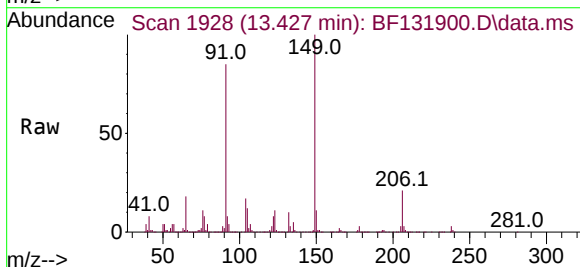
Tgt Ion:244 Resp: 517549
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.0 6.4 9.6

Manual Integrations
 APPROVED

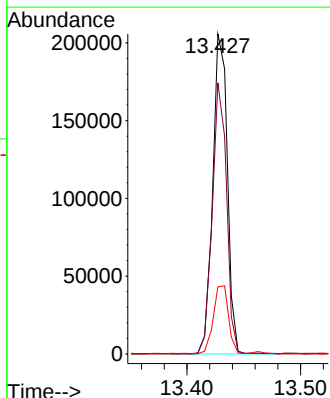
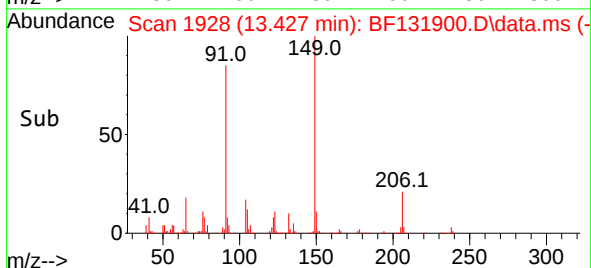
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023

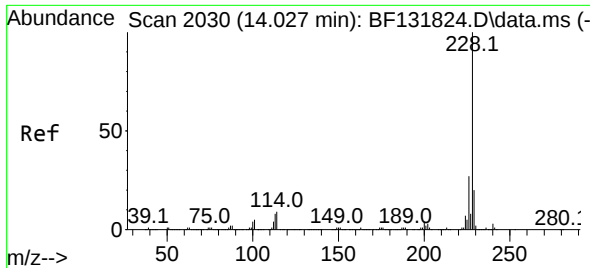


#80
 Butylbenzylphthalate
 Concen: 43.041 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF131900.D
 Acq: 04 Jan 2023 15:43



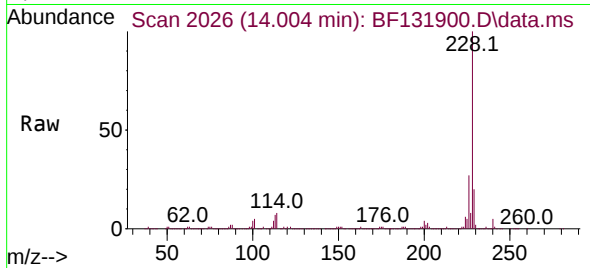
Tgt Ion:149 Resp: 184174
 Ion Ratio Lower Upper
 149 100
 91 84.7 63.2 94.8
 206 20.9 17.9 26.9





#81
Benzo(a)anthracene
Concen: 45.709 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

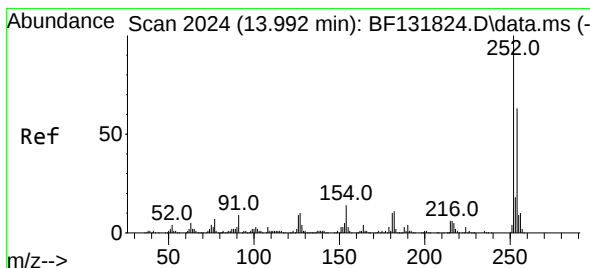
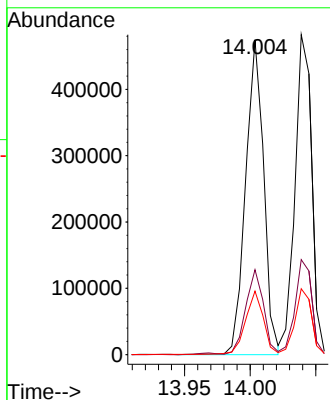
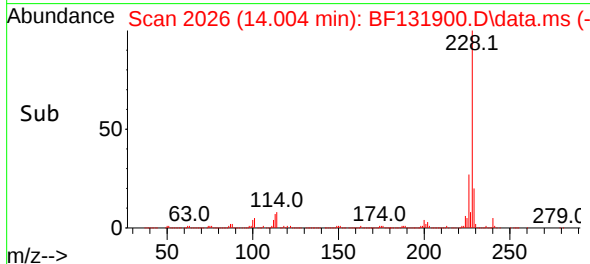
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



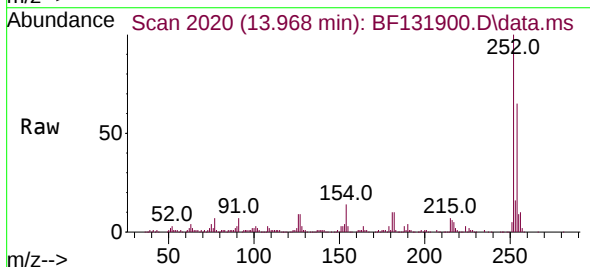
Tgt Ion:228 Resp: 455505
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 20.2 16.0 24.0

Manual Integrations
APPROVED

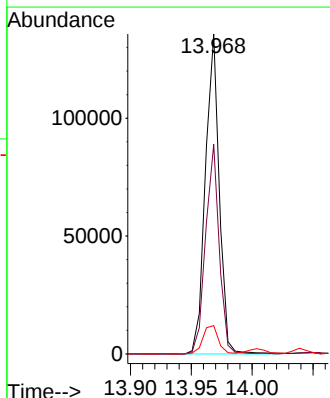
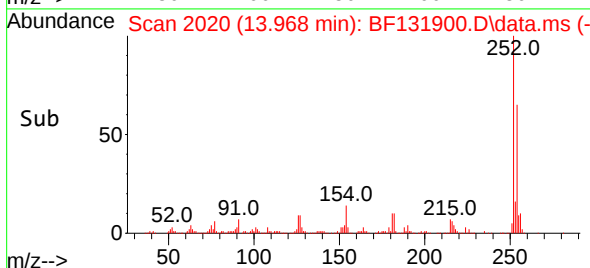
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

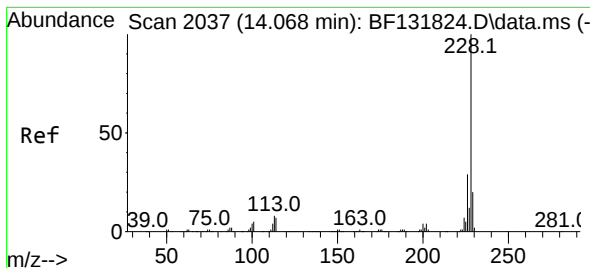


#82
3,3'-Dichlorobenzidine
Concen: 37.374 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion:252 Resp: 107650
Ion Ratio Lower Upper
252 100
254 65.5 50.4 75.6
126 8.8 7.5 11.3





#83

Chrysene

Concen: 45.745 ng

RT: 14.039 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

PL-01-10323MS

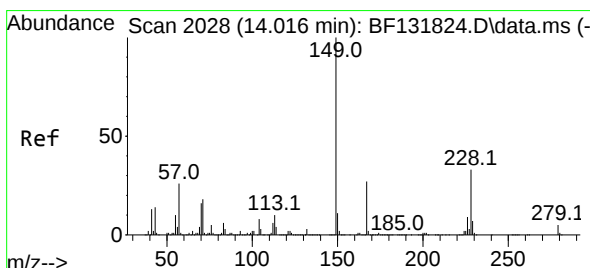
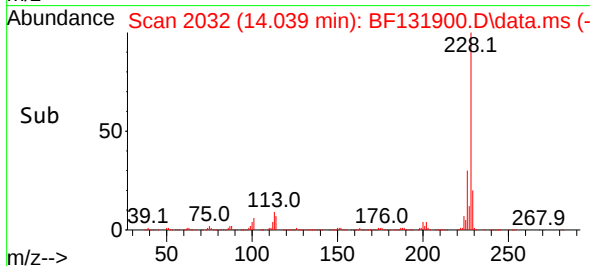
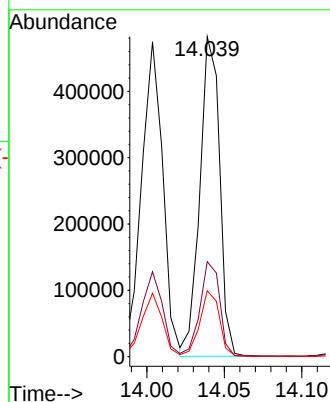
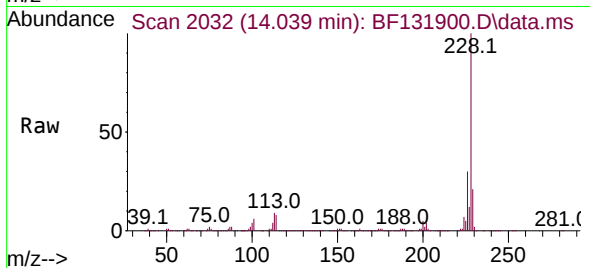
Tgt Ion:228 Resp: 428375

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	20.6	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: 48.008 ng

RT: 13.986 min Scan# 2023

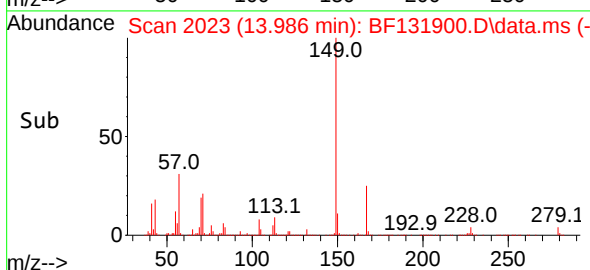
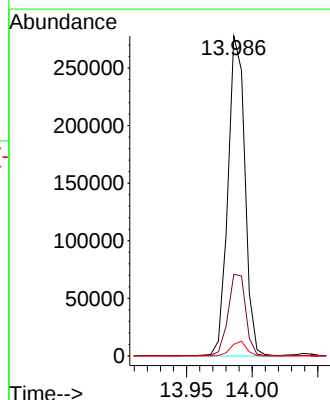
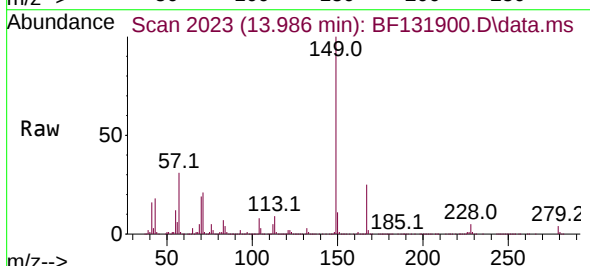
Delta R.T. -0.006 min

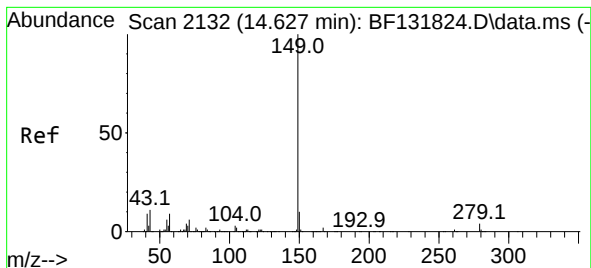
Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Tgt Ion:149 Resp: 250126

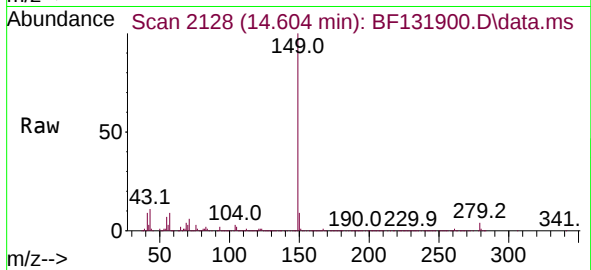
Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.8	32.6
279	3.6	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 63.070 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

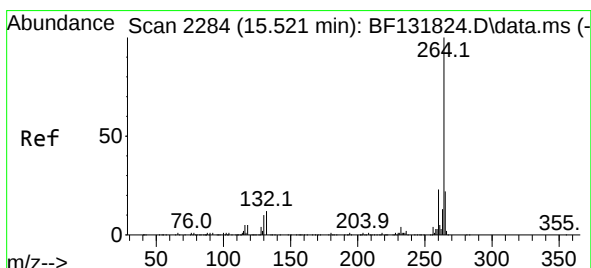
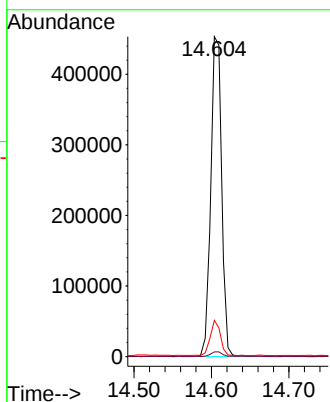
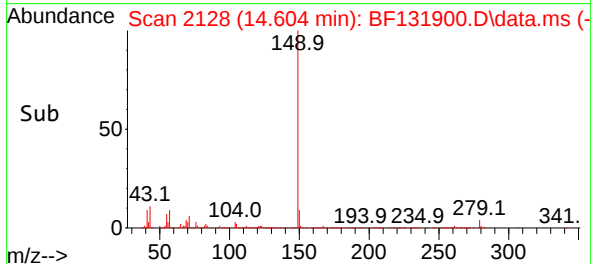
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



Tgt Ion:149 Resp: 442348
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 10.3 8.1 12.1

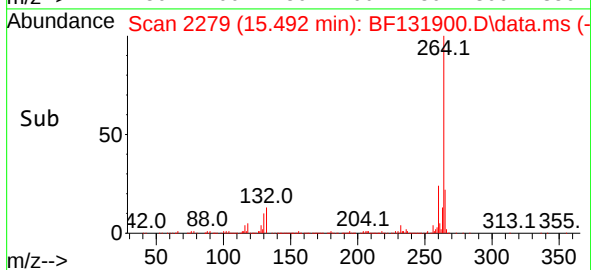
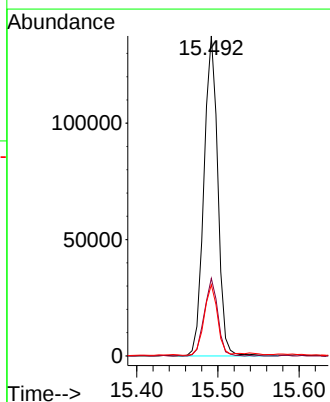
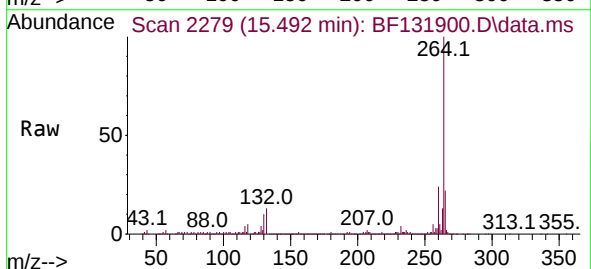
Manual Integrations
APPROVED

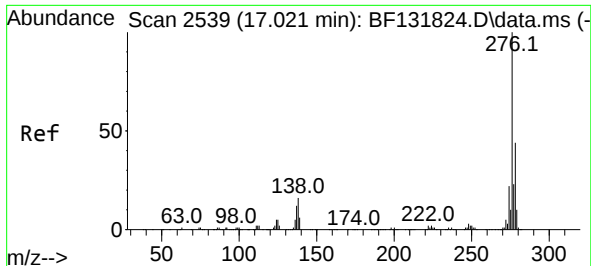
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

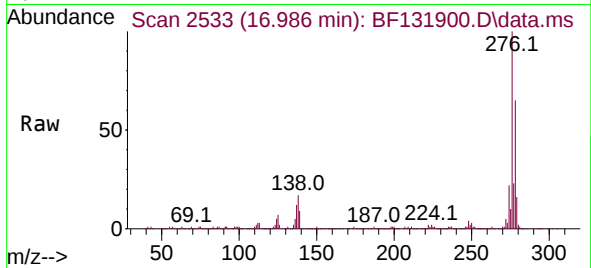
Tgt Ion:264 Resp: 163956
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.923 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

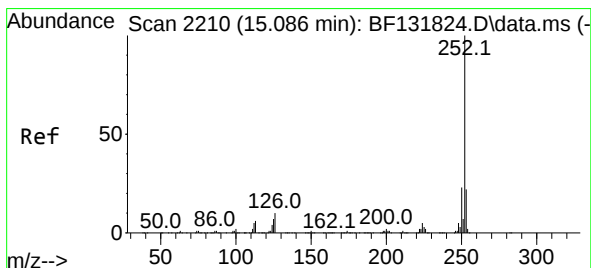
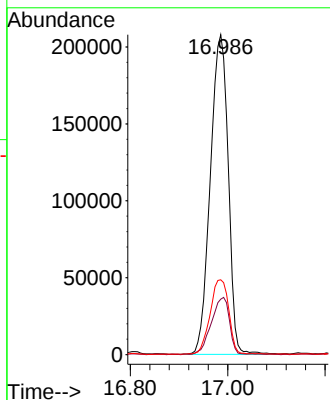
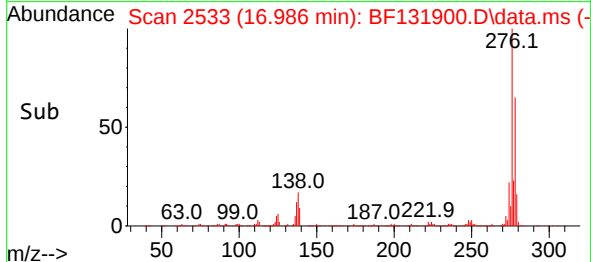
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



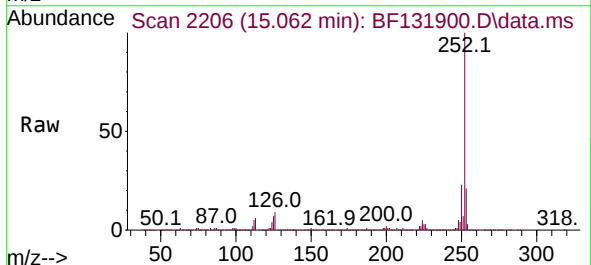
Tgt Ion: 276 Resp: 530428
Ion Ratio Lower Upper
276 100
138 18.2 14.5 21.7
277 24.2 19.7 29.5

Manual Integrations
APPROVED

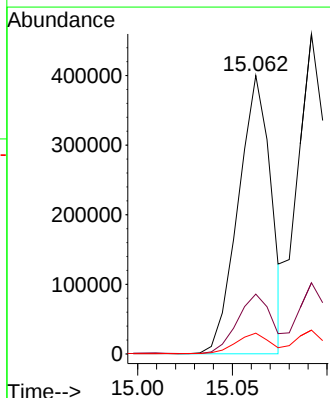
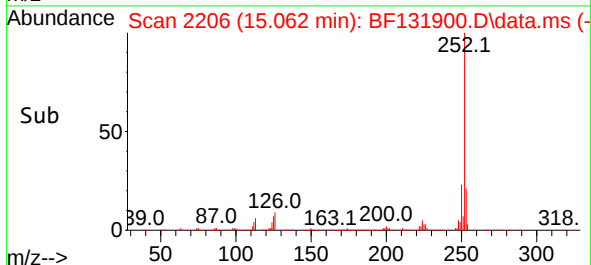
Reviewed By : Christian Giraldo 01/05/2023
Supervised By : Jagrut Upadhyay 01/05/2023

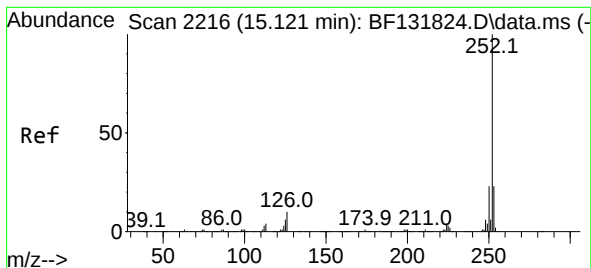


#88
Benzo(b)fluoranthene
Concen: 40.086 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion: 252 Resp: 481908
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 7.4 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 39.767 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

Instrument :

BNA_F

ClientSampleId :

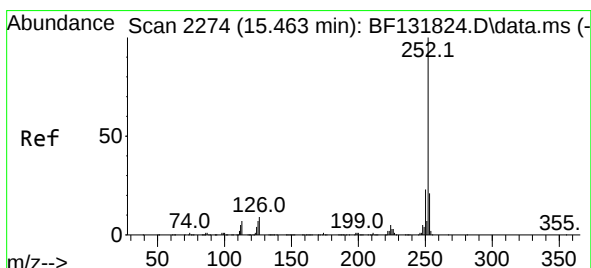
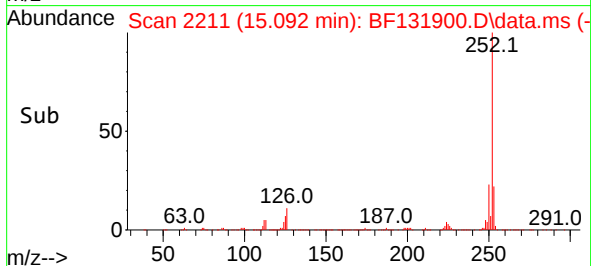
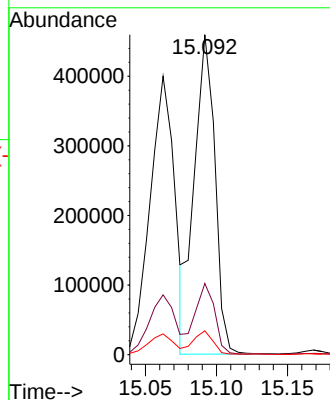
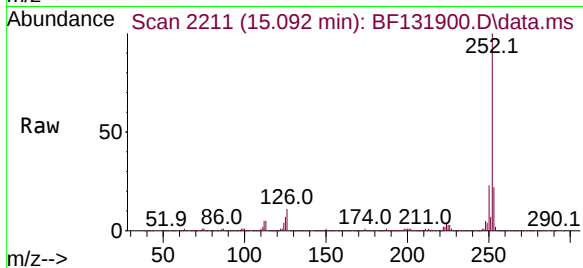
PL-01-10323MS

Tgt Ion:252 Resp: 461917
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 7.4 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: 46.138 ng

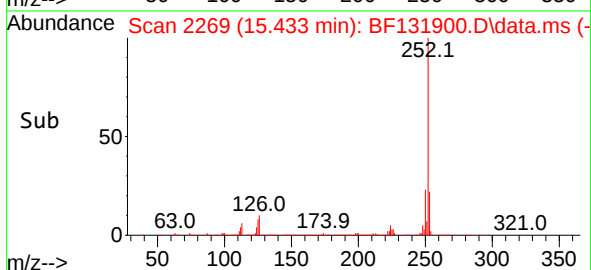
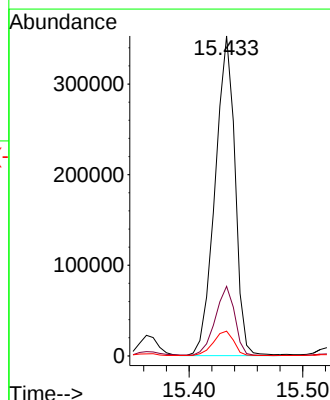
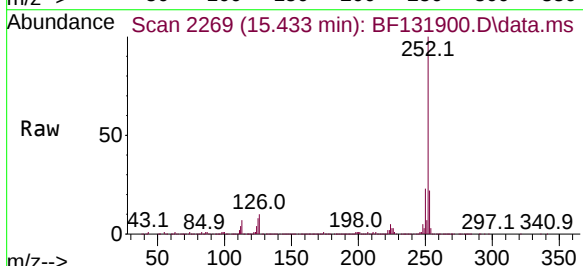
RT: 15.433 min Scan# 2269

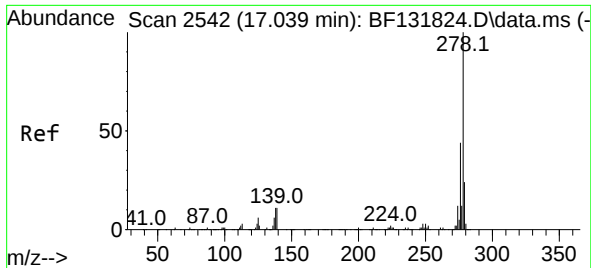
Delta R.T. -0.000 min

Lab File: BF131900.D

Acq: 04 Jan 2023 15:43

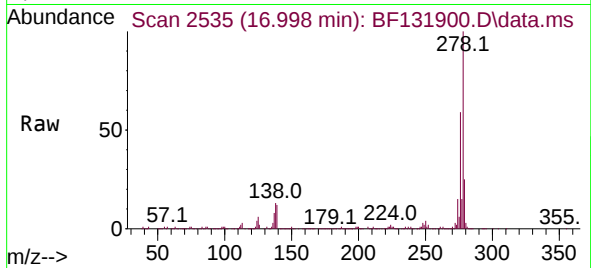
Tgt Ion:252 Resp: 429432
 Ion Ratio Lower Upper
 252 100
 253 21.8 16.6 24.8
 125 7.7 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 50.339 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43

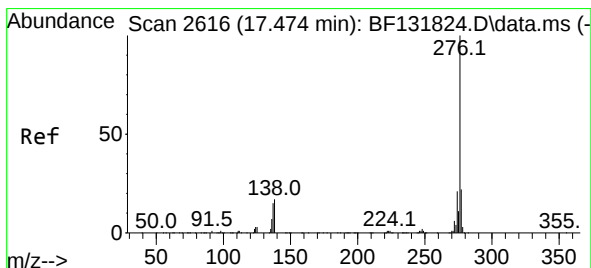
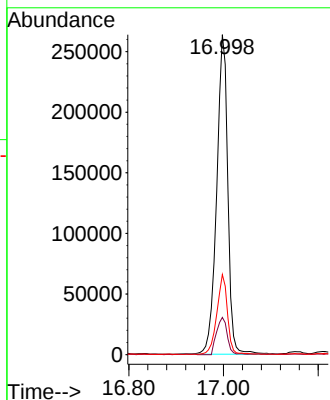
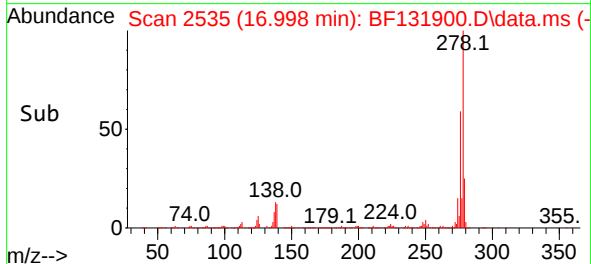
Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS



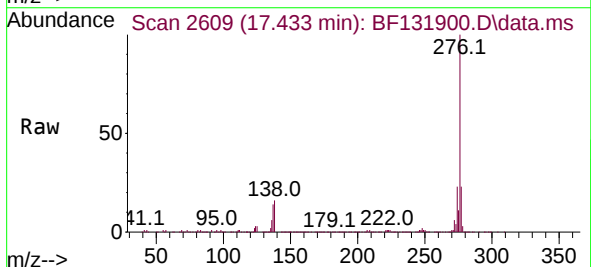
Tgt Ion:278 Resp: 429499
Ion Ratio Lower Upper
278 100
139 11.6 8.6 12.8
279 25.0 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.595 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.006 min
Lab File: BF131900.D
Acq: 04 Jan 2023 15:43



Tgt Ion:276 Resp: 423158
Ion Ratio Lower Upper
276 100
277 23.4 17.9 26.9
138 15.8 13.7 20.5

