

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
 Data File : BF132881.D
 Acq On : 13 Apr 2023 17:07
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041323

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 14 05:23:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 05:12:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	304424	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1126816	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	540709	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	920576	20.000	ng	0.00
76) Chrysene-d12	13.922	240	600167	20.000	ng	0.00
86) Perylene-d12	15.345	264	484635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1615103	81.974	ng	0.00
7) Phenol-d6	6.398	99	2039840	82.106	ng	0.00
23) Nitrobenzene-d5	7.334	82	1802459	83.762	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	457583	86.366	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2812724	77.768	ng	0.00
79) Terphenyl-d14	12.875	244	2939073	80.587	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	400736	41.134	ng	99
3) Pyridine	3.193	79	1104250	42.157	ng	98
4) n-Nitrosodimethylamine	3.152	42	516955	41.041	ng	96
6) Aniline	6.434	93	1348613	41.664	ng	100
8) 2-Chlorophenol	6.551	128	813418	40.998	ng	98
9) Benzaldehyde	6.316	77	576167	38.890	ng	98
10) Phenol	6.410	94	1152635	41.464	ng	97
11) bis(2-Chloroethyl)ether	6.510	93	854368	40.816	ng	97
12) 1,3-Dichlorobenzene	6.710	146	882662	40.833	ng	99
13) 1,4-Dichlorobenzene	6.787	146	873045	40.456	ng	99
14) 1,2-Dichlorobenzene	6.946	146	816547	40.758	ng	100
15) Benzyl Alcohol	6.910	79	721050	43.313	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1430721	40.534	ng	99
17) 2-Methylphenol	7.022	107	730967	41.194	ng	98
18) Hexachloroethane	7.281	117	312802	41.331	ng	93
19) n-Nitroso-di-n-propyla...	7.193	70	597338	40.263	ng	99
20) 3+4-Methylphenols	7.181	107	846537	40.425	ng	99
22) Acetophenone	7.181	105	1052310	40.330	ng	# 88
24) Nitrobenzene	7.357	77	913493	41.656	ng	98
25) Isophorone	7.593	82	1609277	41.053	ng	99
26) 2-Nitrophenol	7.669	139	394045	46.487	ng	100
27) 2,4-Dimethylphenol	7.710	122	703962	42.082	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	976853	41.014	ng	100
29) 2,4-Dichlorophenol	7.910	162	653270	41.686	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	695540	41.242	ng	99
31) Naphthalene	8.075	128	2284626	40.510	ng	100
32) Benzoic acid	7.828	122	383442m	46.598	ng	
33) 4-Chloroaniline	8.122	127	947611	41.384	ng	98
34) Hexachlorobutadiene	8.198	225	403198	41.792	ng	99
35) Caprolactam	8.504	113	200122	44.683	ng	100
36) 4-Chloro-3-methylphenol	8.598	107	673258	42.112	ng	99
37) 2-Methylnaphthalene	8.769	142	1531196	40.518	ng	100
38) 1-Methylnaphthalene	8.863	142	1437415	40.773	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	642849	40.090	ng	100
41) Hexachlorocyclopentadiene	8.922	237	366584	44.418	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	414906	41.903	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
 Data File : BF132881.D
 Acq On : 13 Apr 2023 17:07
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041323

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 14 05:23:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 05:12:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	481283	41.680	ng	98
46) 1,1'-Biphenyl	9.234	154	1759286	39.834	ng	99
47) 2-Chloronaphthalene	9.251	162	1307028	40.413	ng	98
48) 2-Nitroaniline	9.345	65	422799	45.429	ng	97
49) Acenaphthylene	9.669	152	2059909	40.055	ng	99
50) Dimethylphthalate	9.534	163	1505279	41.210	ng	99
51) 2,6-Dinitrotoluene	9.586	165	351319	43.945	ng	89
52) Acenaphthene	9.839	154	1333668	39.934	ng	99
53) 3-Nitroaniline	9.757	138	400191	43.097	ng	99
54) 2,4-Dinitrophenol	9.857	184	153551	46.611	ng	95
55) Dibenzofuran	10.010	168	1845539	39.594	ng	99
56) 4-Nitrophenol	9.904	139	304565	43.216	ng	99
57) 2,4-Dinitrotoluene	9.992	165	443506	44.831	ng	95
58) Fluorene	10.351	166	1347725	39.498	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	370607	41.726	ng	100
60) Diethylphthalate	10.234	149	1400198	41.685	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	679089	40.601	ng	96
62) 4-Nitroaniline	10.369	138	384291	43.914	ng	99
63) Azobenzene	10.510	77	1559933	40.690	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	209061	46.614	ng	89
66) n-Nitrosodiphenylamine	10.463	169	1256495	41.231	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	432491	41.451	ng	# 92
68) Hexachlorobenzene	10.898	284	444794	41.260	ng	# 90
69) Atrazine	10.992	200	356002	43.209	ng	98
70) Pentachlorophenol	11.086	266	315381	44.508	ng	98
71) Phenanthrene	11.310	178	2026756	40.188	ng	100
72) Anthracene	11.363	178	2101424	40.904	ng	99
73) Carbazole	11.516	167	1816791	40.228	ng	100
74) Di-n-butylphthalate	11.857	149	1987027	43.899	ng	99
75) Fluoranthene	12.498	202	2074404	41.478	ng	99
77) Benzidine	12.616	184	425125	47.509	ng	98
78) Pyrene	12.722	202	2122220	41.008	ng	99
80) Butylbenzylphthalate	13.351	149	493741	43.027	ng	96
81) Benzo(a)anthracene	13.910	228	1735475	41.599	ng	100
82) 3,3'-Dichlorobenzidine	13.874	252	413831	46.359	ng	98
83) Chrysene	13.945	228	1675191	41.212	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	674033	45.012	ng	98
85) Di-n-octyl phthalate	14.521	149	991580	45.390	ng	98
87) Indeno(1,2,3-cd)pyrene	16.739	276	1335144	46.563	ng	99
88) Benzo(b)fluoranthene	14.939	252	1305498	41.902	ng	99
89) Benzo(k)fluoranthene	14.969	252	1292416	40.589	ng	100
90) Benzo(a)pyrene	15.286	252	1186936	42.176	ng	98
91) Dibenzo(a,h)anthracene	16.763	278	1101070	46.024	ng	98
92) Benzo(g,h,i)perylene	17.162	276	1099123	45.997	ng	99

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

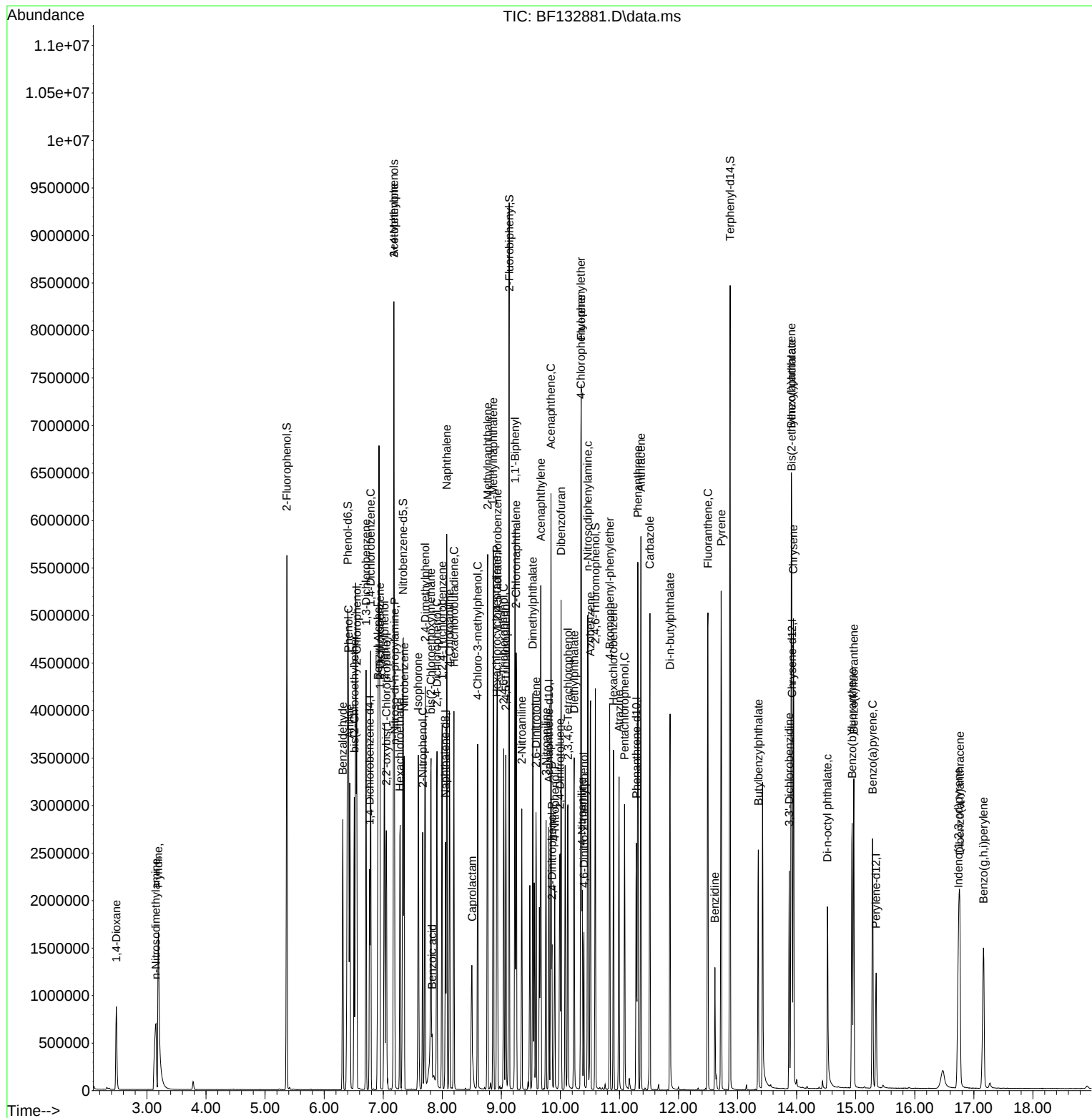
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
 Data File : BF132881.D
 Acq On : 13 Apr 2023 17:07
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

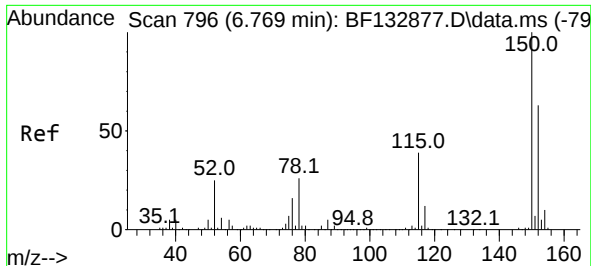
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041323

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

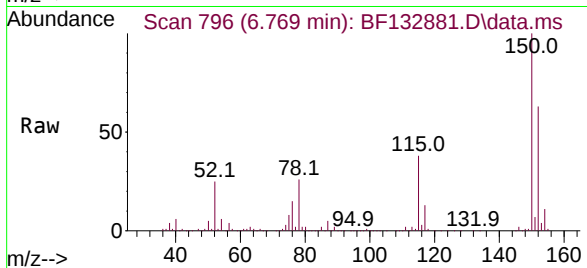
Quant Time: Apr 14 05:23:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 05:12:08 2023
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

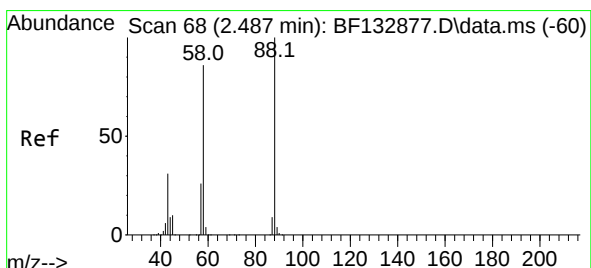
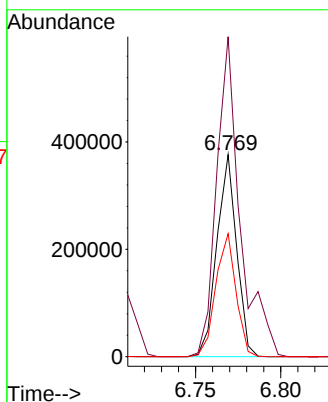
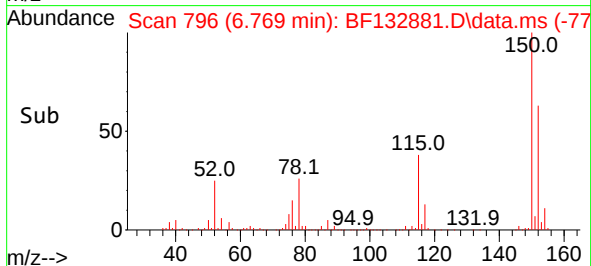
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



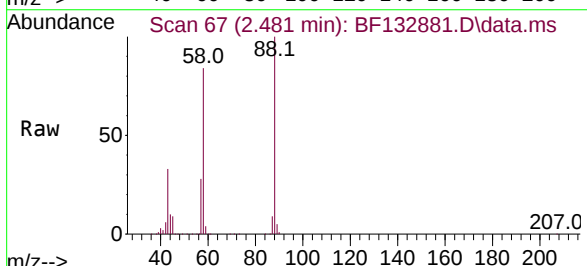
Tgt Ion: 152 Resp: 304424
Ion Ratio Lower Upper
152 100
150 158.4 127.3 190.9
115 60.9 49.6 74.4

Manual Integrations
APPROVED

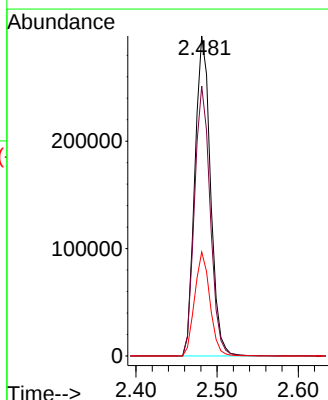
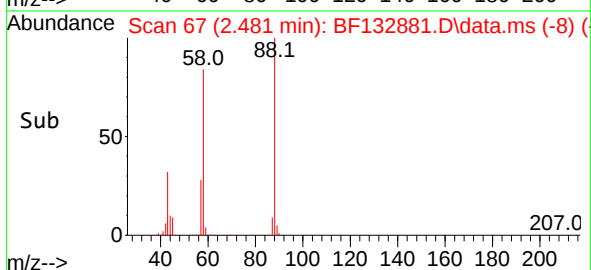
Reviewed By : Christian Giraldo 04/14/2023
Supervised By : Jagrut Upadhyay 04/14/2023

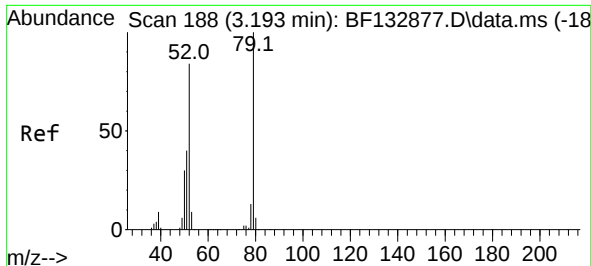


#2
1,4-Dioxane
Concen: 41.134 ng
RT: 2.481 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



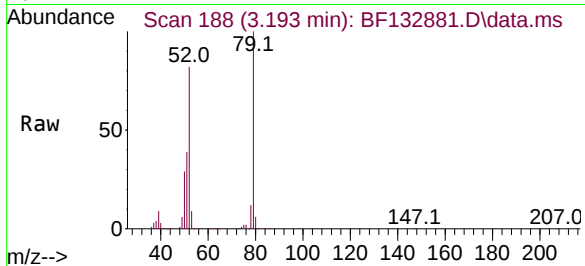
Tgt Ion: 88 Resp: 400736
Ion Ratio Lower Upper
88 100
58 84.4 68.6 103.0
43 31.6 25.2 37.8





#3
Pyridine
Concen: 42.157 ng
RT: 3.193 min Scan# 188
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

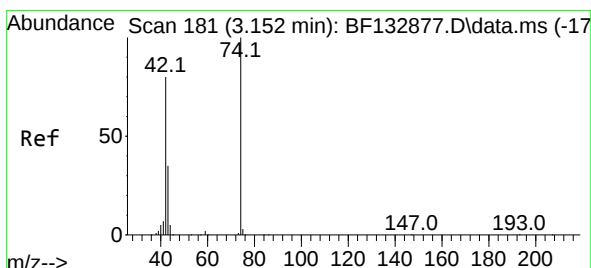
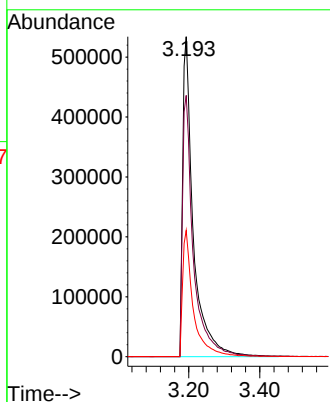
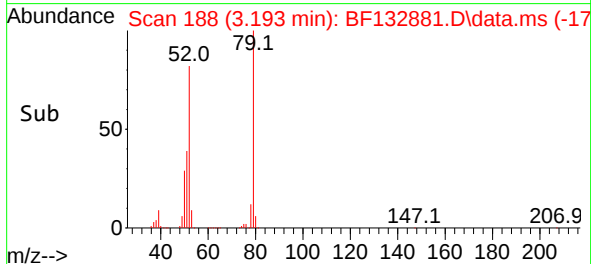
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



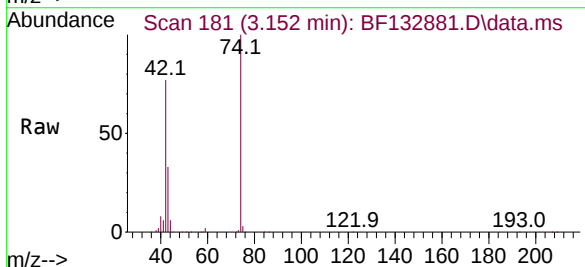
Tgt Ion: 79 Resp: 1104250
Ion Ratio Lower Upper
79 100
52 81.6 67.0 100.6
51 39.5 32.2 48.2

Manual Integrations
APPROVED

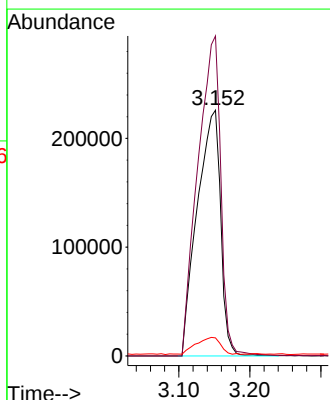
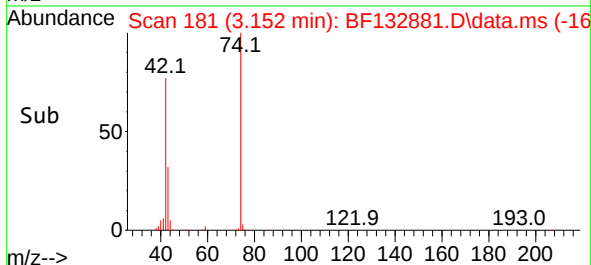
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

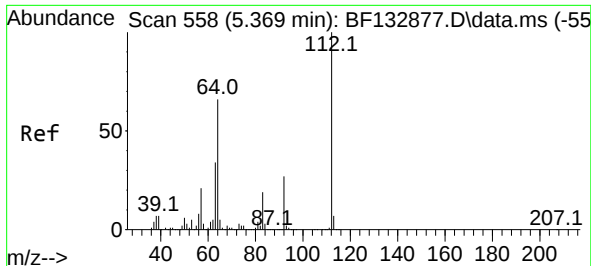


#4
n-Nitrosodimethylamine
Concen: 41.041 ng
RT: 3.152 min Scan# 181
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion: 42 Resp: 516955
Ion Ratio Lower Upper
42 100
74 130.2 100.4 150.6
44 7.4 5.9 8.9





#5
2-Fluorophenol
Concen: 81.974 ng
RT: 5.369 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

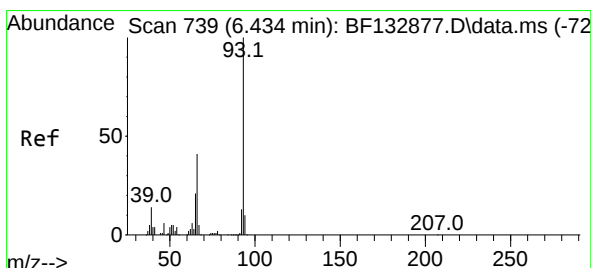
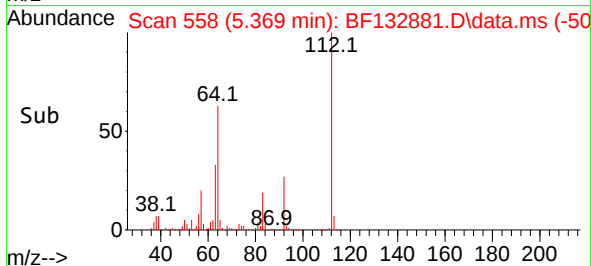
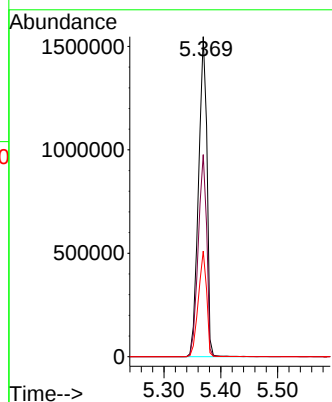
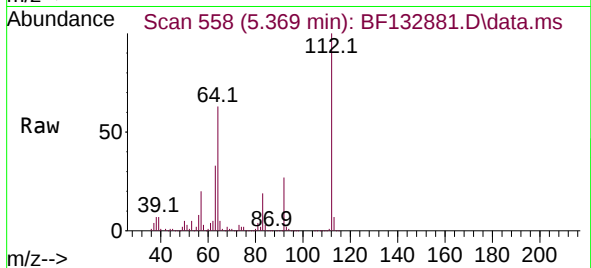
ClientSampleId :

ICVBF041323

Tgt Ion:112 Resp: 161510
Ion Ratio Lower Upper
112 100
64 63.2 53.2 79.8
63 33.0 27.1 40.7

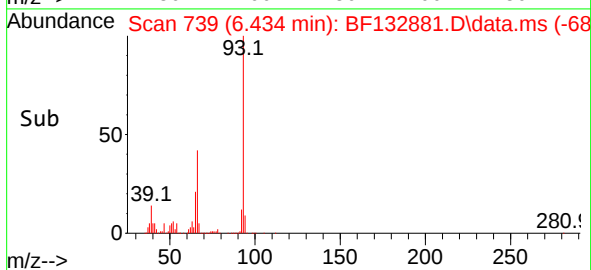
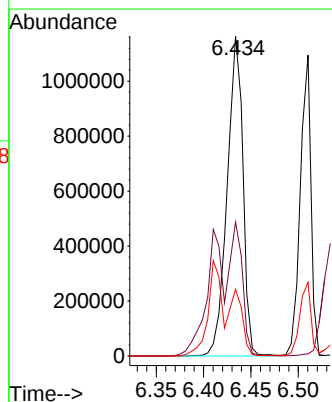
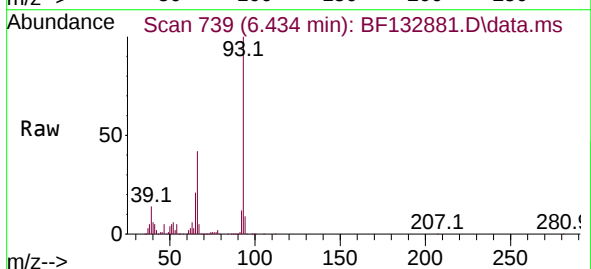
Manual Integrations
APPROVED

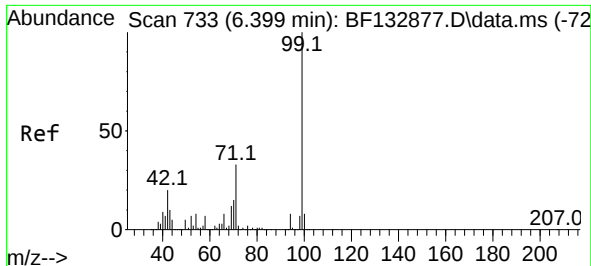
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#6
Aniline
Concen: 41.664 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

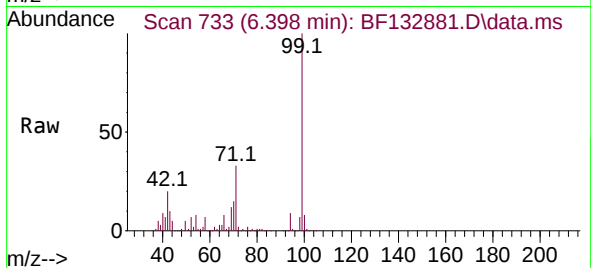
Tgt Ion: 93 Resp: 1348613
Ion Ratio Lower Upper
93 100
66 41.8 33.4 50.2
65 20.9 16.7 25.1





#7
Phenol-d6
Concen: 82.106 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

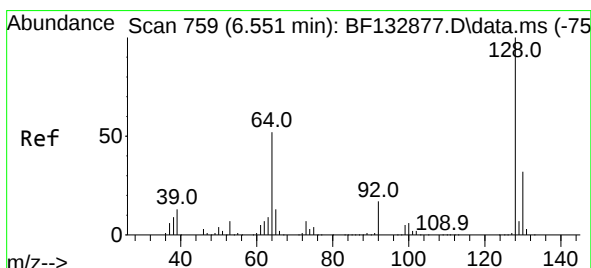
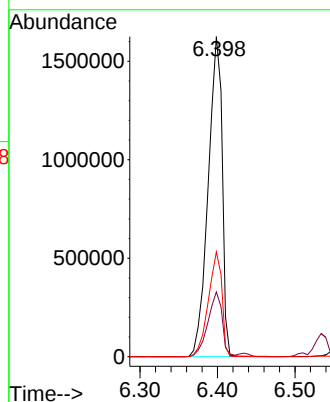
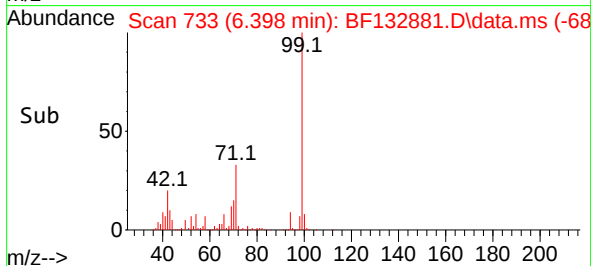
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion: 99 Resp: 2039840
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 32.8 26.1 39.1

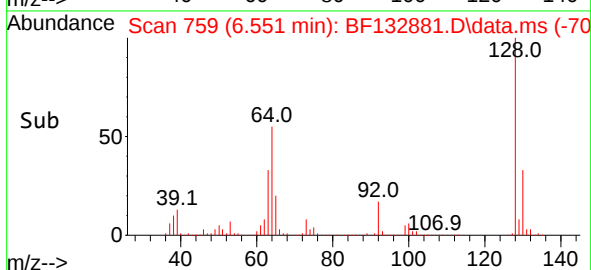
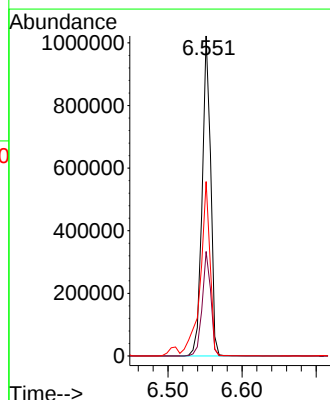
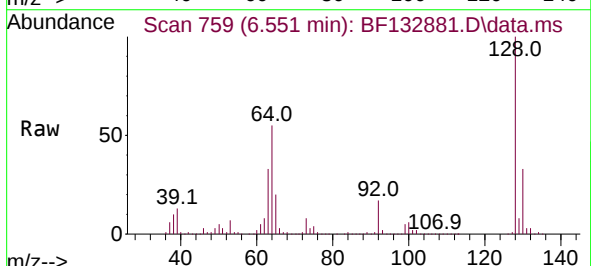
Manual Integrations
APPROVED

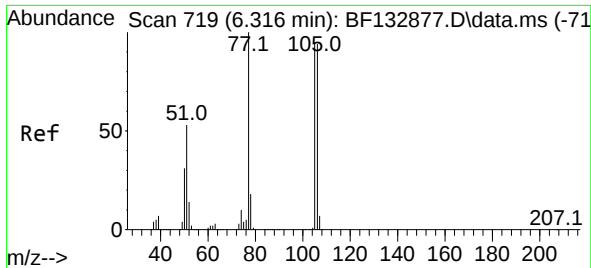
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#8
2-Chlorophenol
Concen: 40.998 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

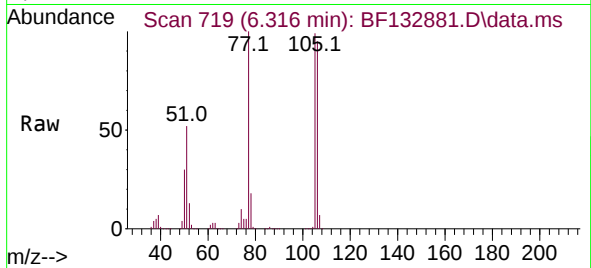
Tgt Ion:128 Resp: 813418
Ion Ratio Lower Upper
128 100
130 32.7 11.7 51.7
64 54.5 32.6 72.6





#9
Benzaldehyde
Concen: 38.890 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

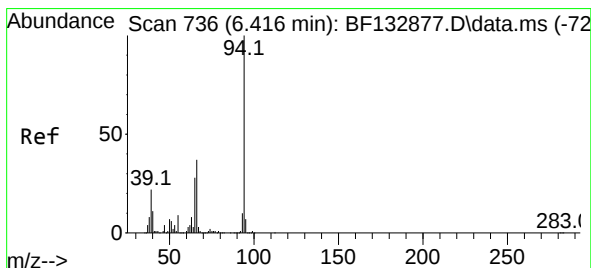
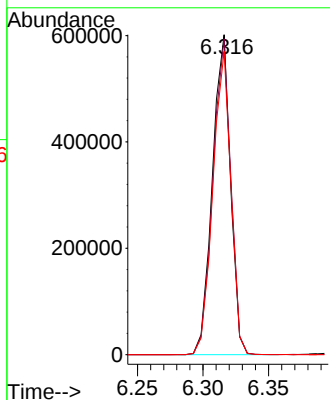
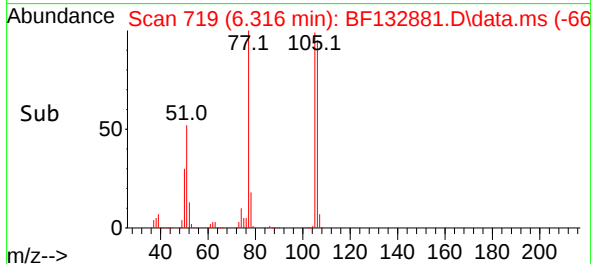
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



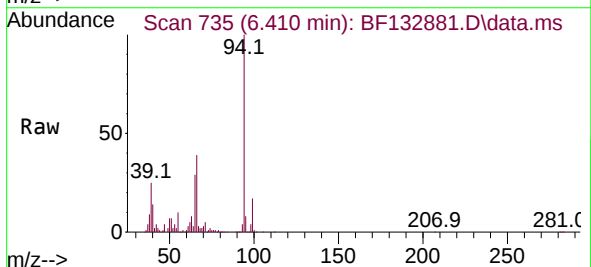
Tgt Ion: 77 Resp: 57616
Ion Ratio Lower Upper
77 100
105 98.7 75.3 115.3
106 94.8 73.6 113.6

Manual Integrations
APPROVED

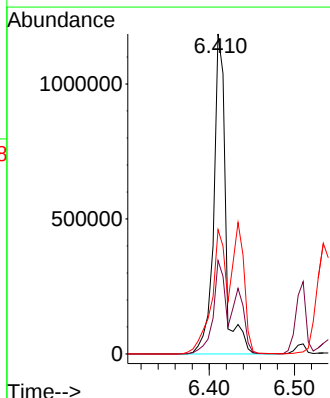
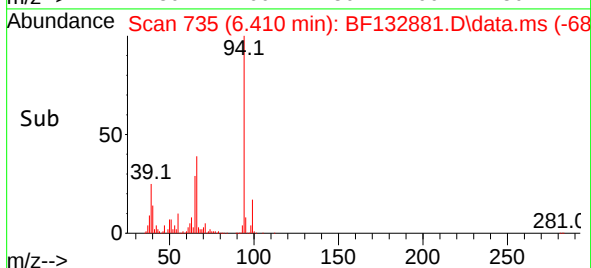
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

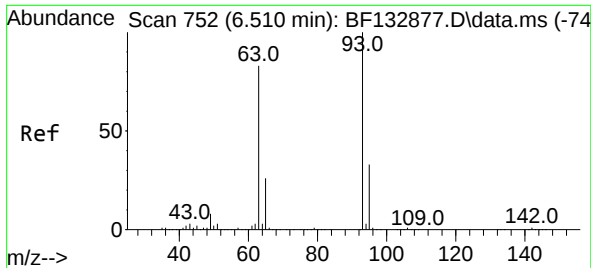


#10
Phenol
Concen: 41.464 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



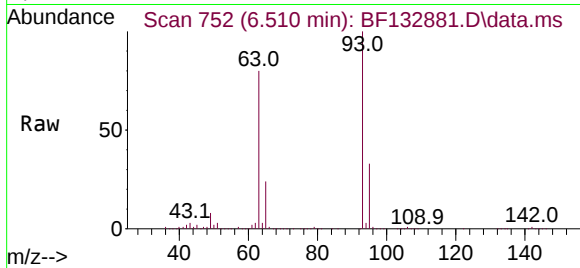
Tgt Ion: 94 Resp: 1152635
Ion Ratio Lower Upper
94 100
65 29.2 8.0 48.0
66 38.8 16.9 56.9





#11
bis(2-Chloroethyl)ether
Concen: 40.816 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

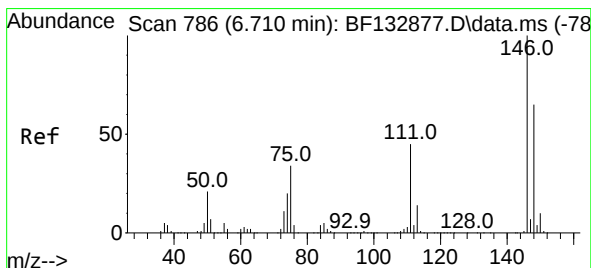
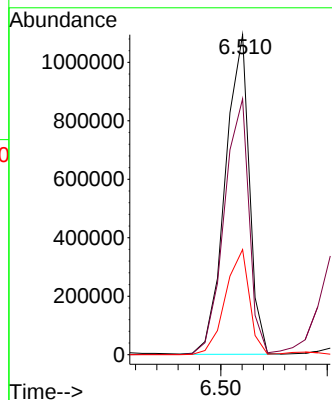
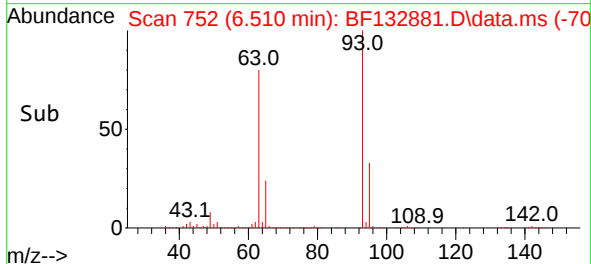
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion: 93 Resp: 854368
Ion Ratio Lower Upper
93 100
63 80.0 63.3 103.3
95 32.8 13.3 53.3

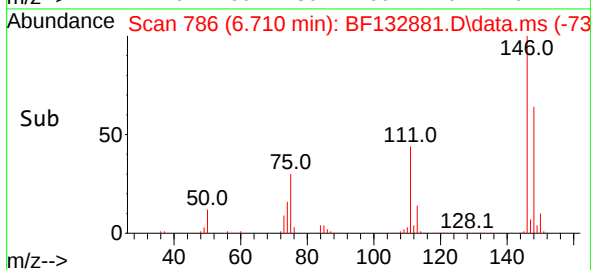
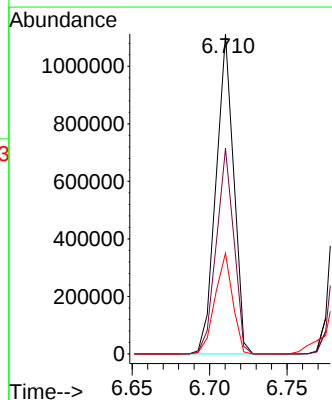
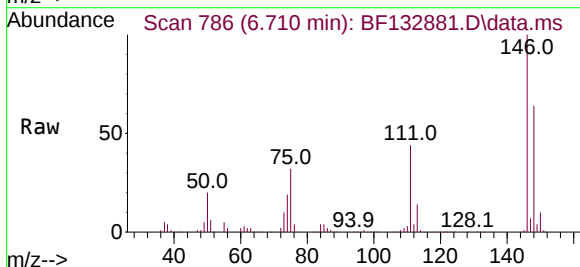
Manual Integrations
APPROVED

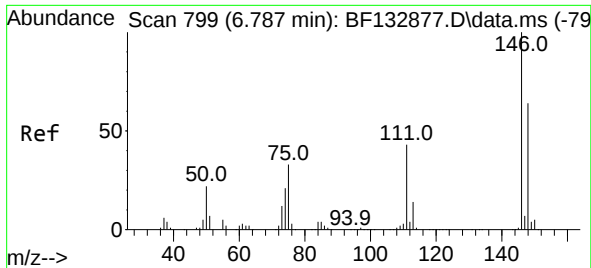
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#12
1,3-Dichlorobenzene
Concen: 40.833 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

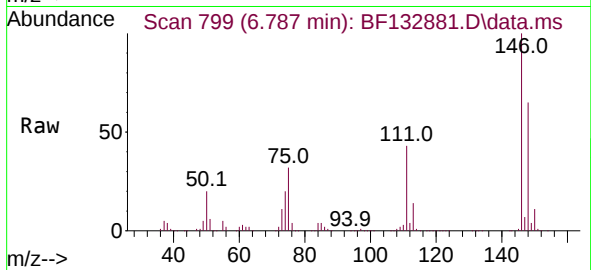
Tgt Ion:146 Resp: 882662
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 31.5 26.8 40.2





#13
1,4-Dichlorobenzene
Concen: 40.456 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

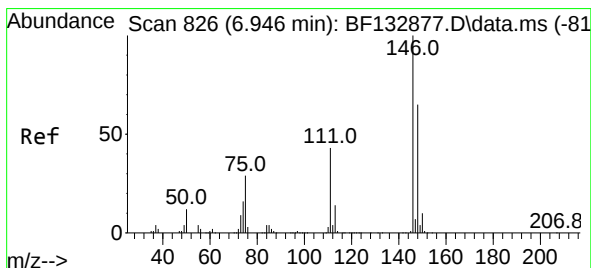
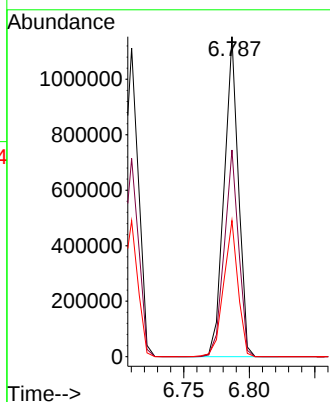
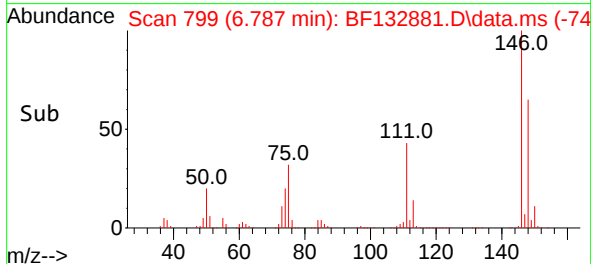
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



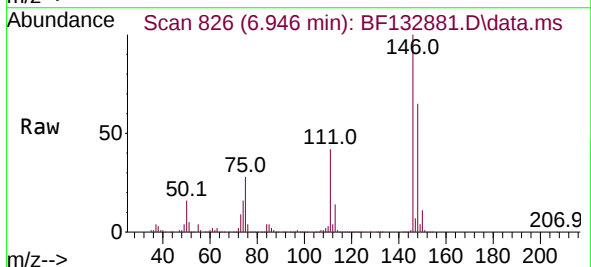
Tgt Ion:146 Resp: 873045
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 42.6 34.4 51.6

Manual Integrations
APPROVED

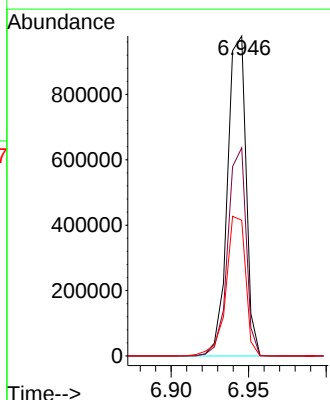
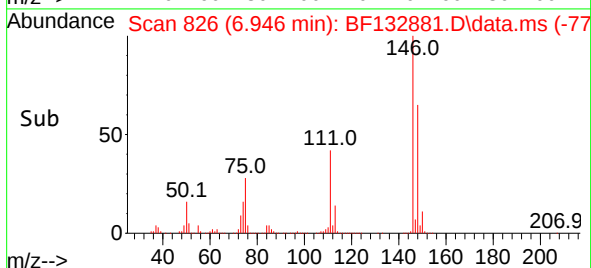
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

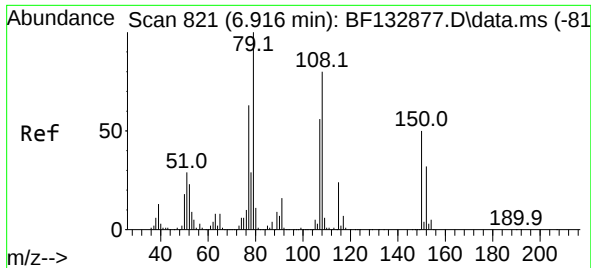


#14
1,2-Dichlorobenzene
Concen: 40.758 ng
RT: 6.946 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



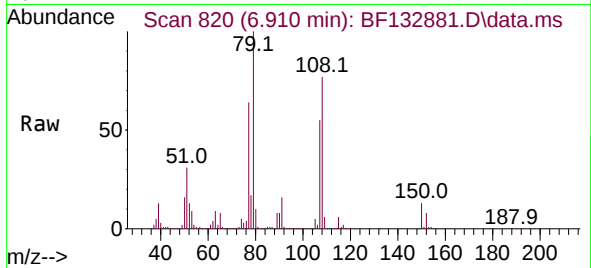
Tgt Ion:146 Resp: 816547
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
111 42.4 34.1 51.1





#15
Benzyl Alcohol
Concen: 43.313 ng
RT: 6.910 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

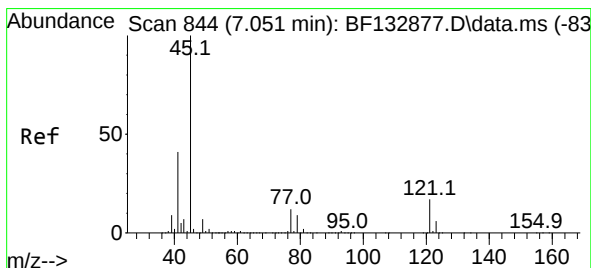
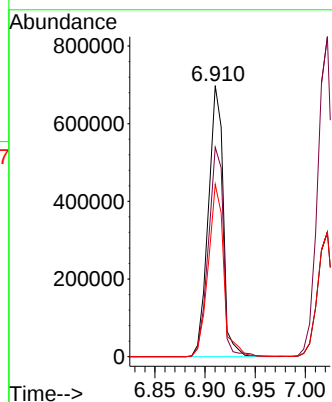
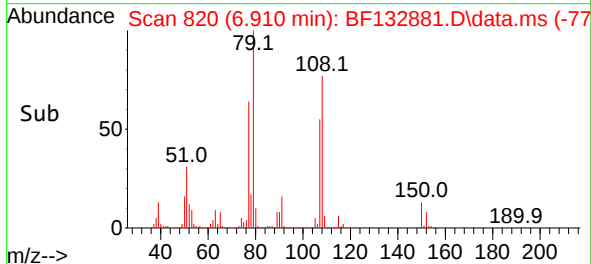
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion: 79 Resp: 721050
Ion Ratio Lower Upper
79 100
108 77.3 63.6 95.4
77 63.6 50.1 75.1

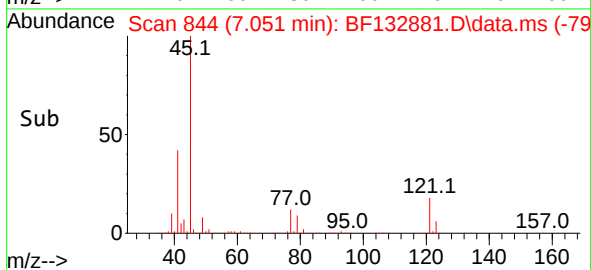
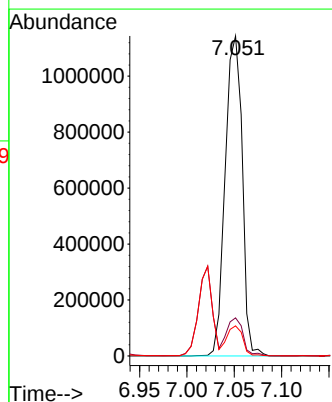
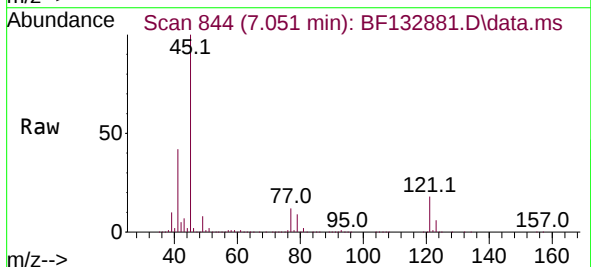
Manual Integrations
APPROVED

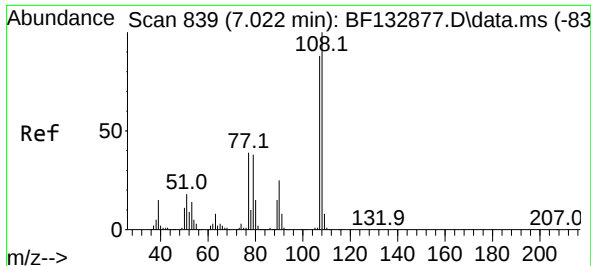
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.534 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

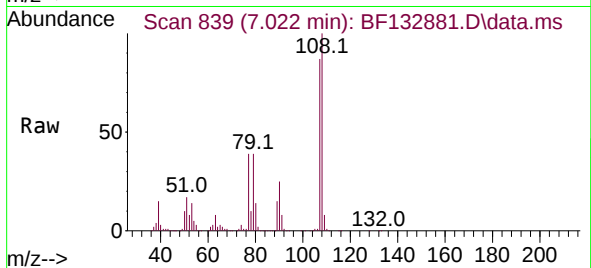
Tgt Ion: 45 Resp: 1430721
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.7
79 9.4 0.0 29.1





#17
2-Methylphenol
Concen: 41.194 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

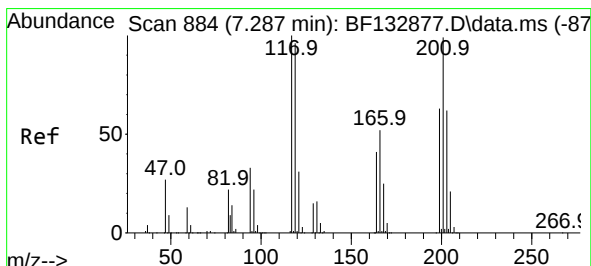
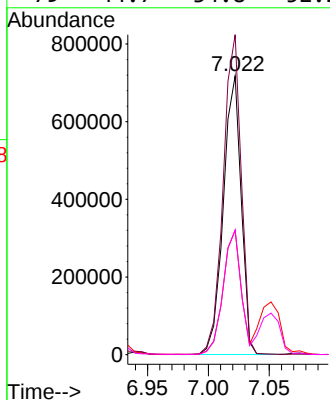
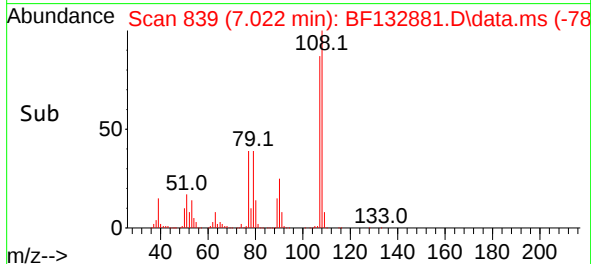
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.5	135.7
77	44.7	35.1	52.7
79	44.7	34.8	52.2

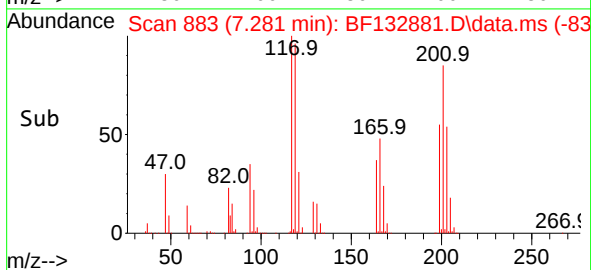
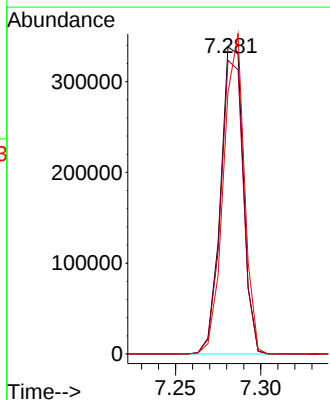
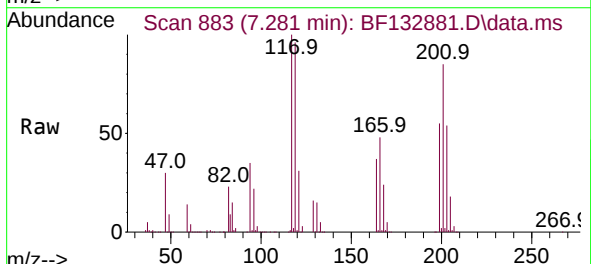
Manual Integrations
APPROVED

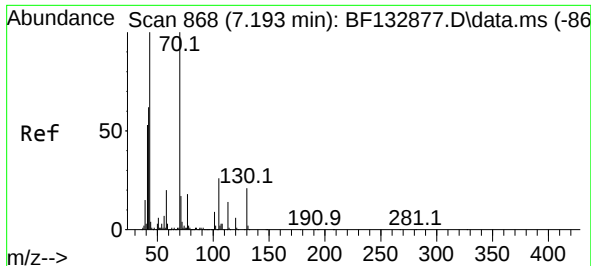
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#18
Hexachloroethane
Concen: 41.331 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
201	85.2	79.0	118.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.263 ng

RT: 7.193 min Scan# 868

Delta R.T. -0.000 min

Lab File: BF132881.D

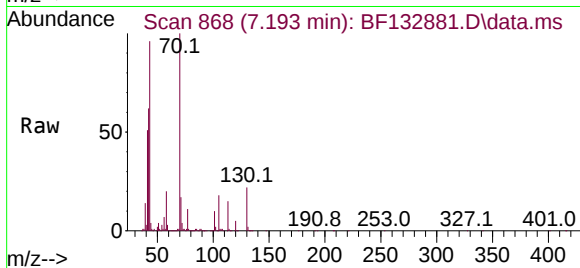
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323



Tgt Ion: 70 Resp: 597338

Ion Ratio Lower Upper

70 100

42 62.1 50.1 75.1

101 9.9 7.5 11.3

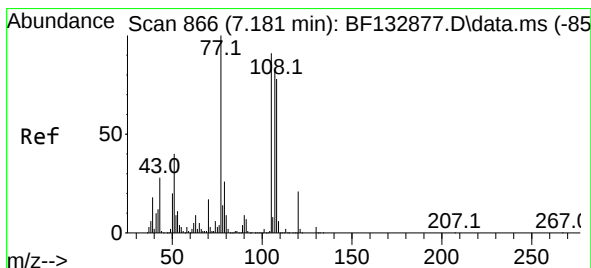
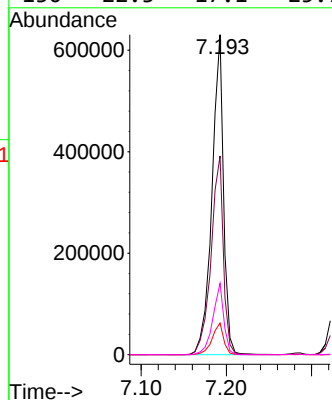
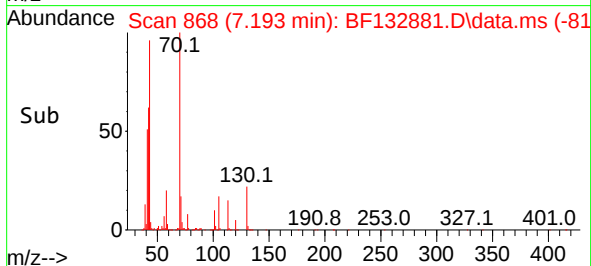
130 22.3 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#20

3+4-Methylphenols

Concen: 40.425 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Tgt Ion:107 Resp: 846537

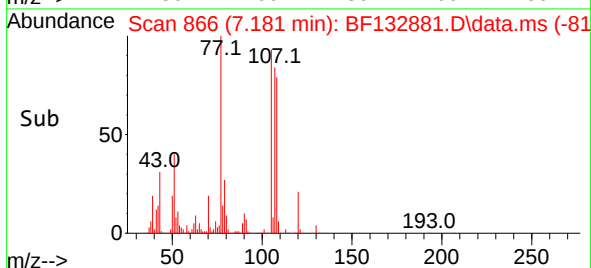
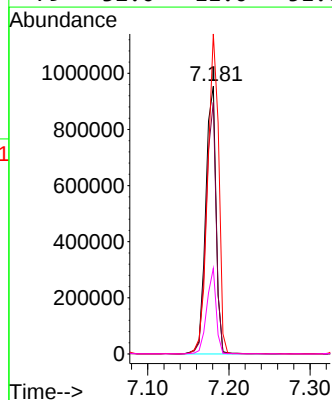
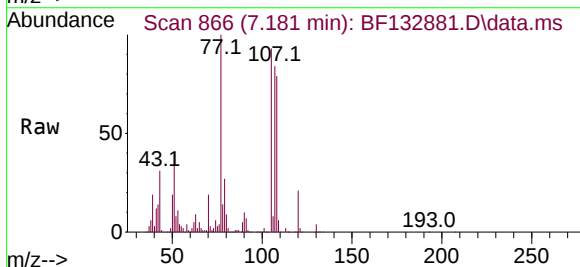
Ion Ratio Lower Upper

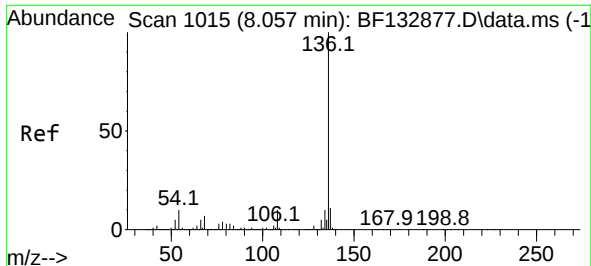
107 100

108 94.0 73.8 113.8

77 119.6 100.8 140.8

79 32.0 11.0 51.0





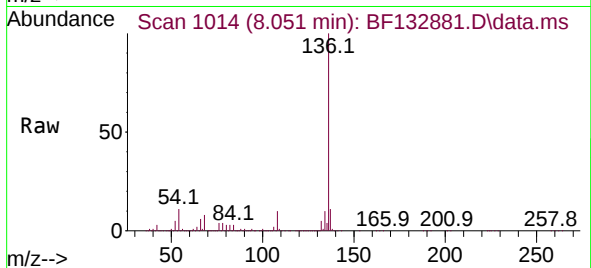
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

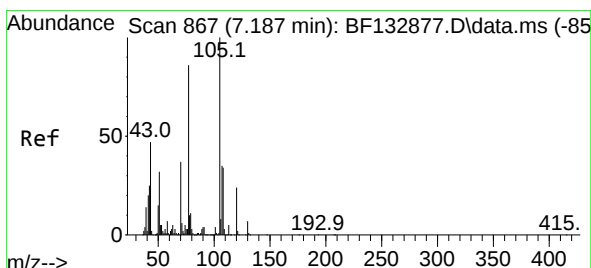
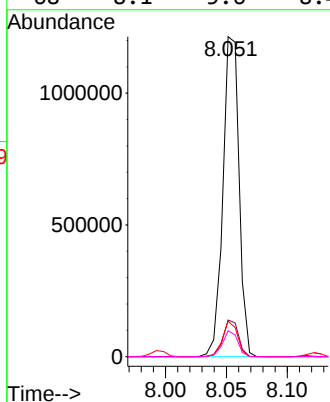
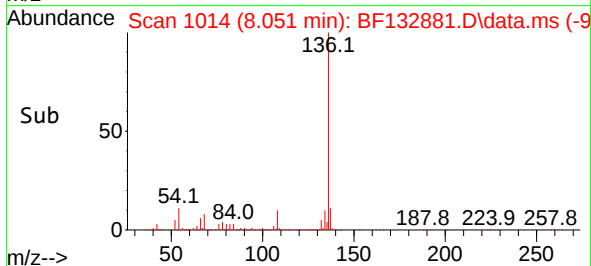


Tgt Ion:136 Resp: 1126810
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.1 7.7 11.5
68 8.1 5.6 8.4

Manual Integrations

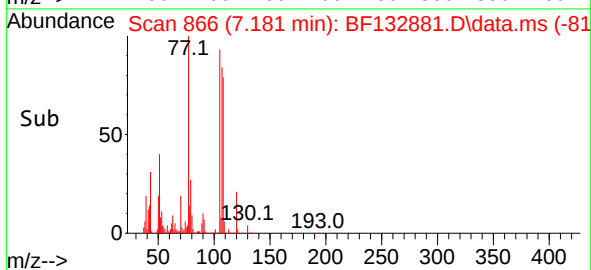
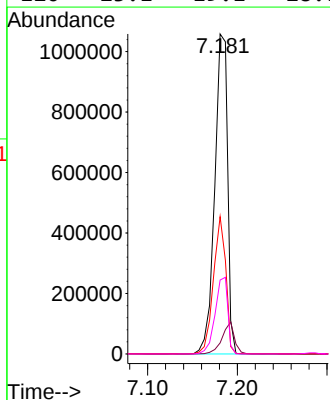
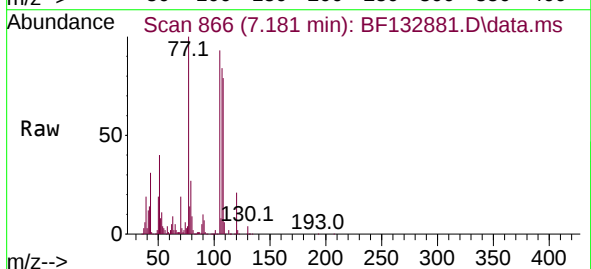
APPROVED

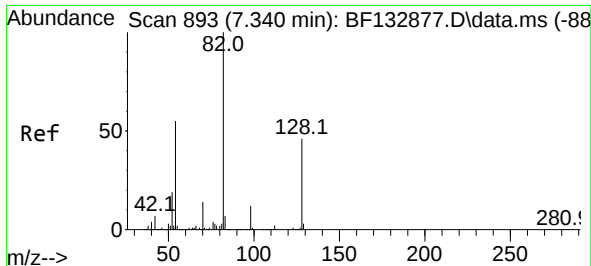
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#22
Acetophenone
Concen: 40.330 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion:105 Resp: 1052310
Ion Ratio Lower Upper
105 100
71 3.4 4.8 7.2#
51 42.9 25.4 38.0#
120 23.1 19.1 28.7





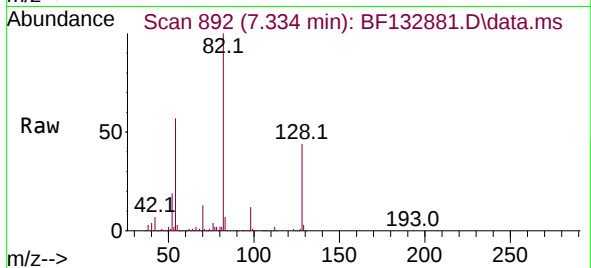
#23
Nitrobenzene-d5
Concen: 83.762 ng
RT: 7.334 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

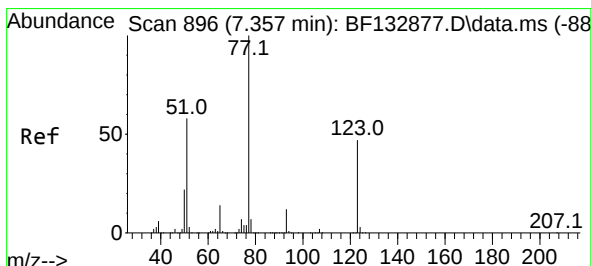
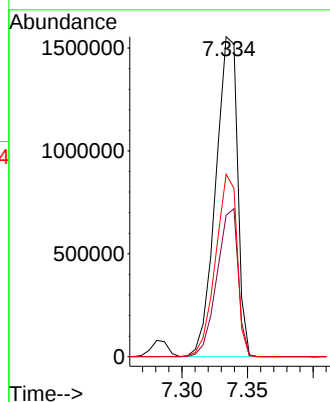
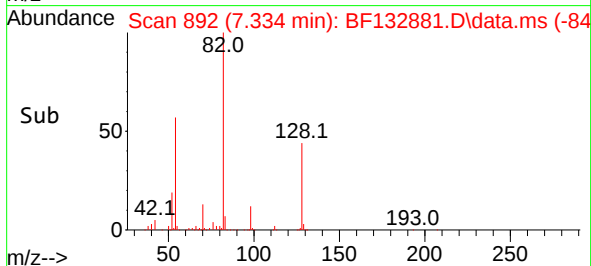


Tgt Ion: 82 Resp: 1802459
Ion Ratio Lower Upper
82 100
128 44.2 36.6 55.0
54 57.0 44.0 66.0

Manual Integrations

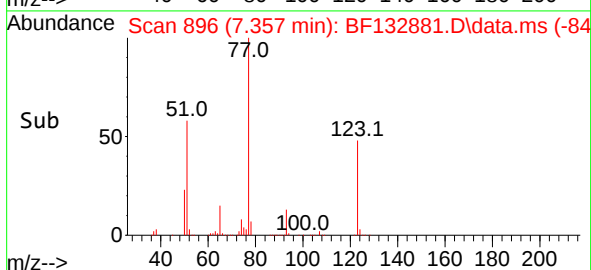
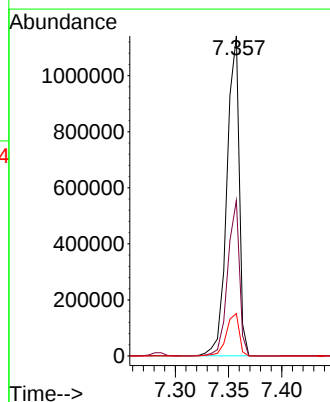
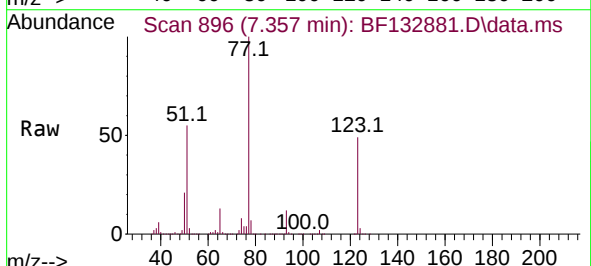
APPROVED

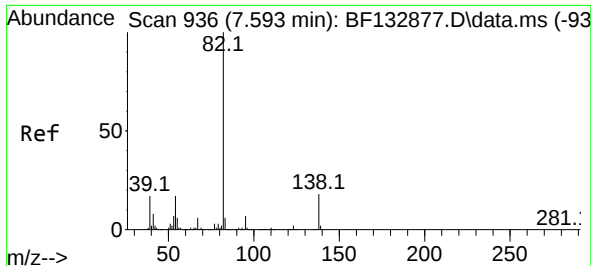
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#24
Nitrobenzene
Concen: 41.656 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

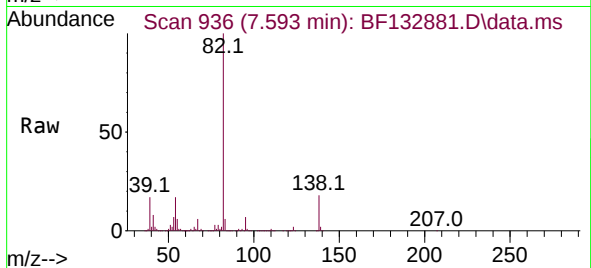
Tgt Ion: 77 Resp: 913493
Ion Ratio Lower Upper
77 100
123 48.6 37.6 56.4
65 13.2 11.0 16.6





#25
Isophorone
Concen: 41.053 ng
RT: 7.593 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

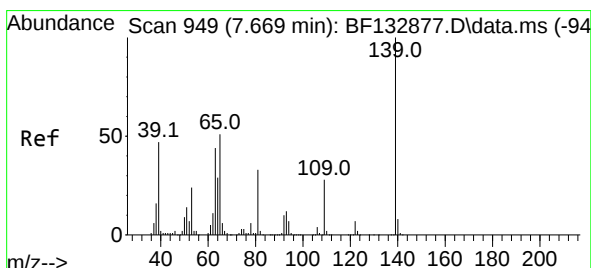
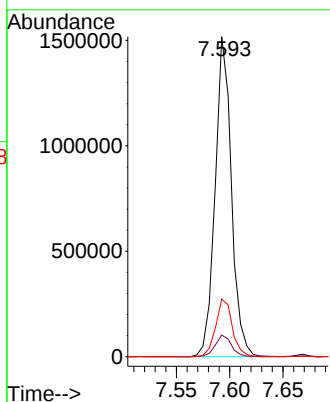
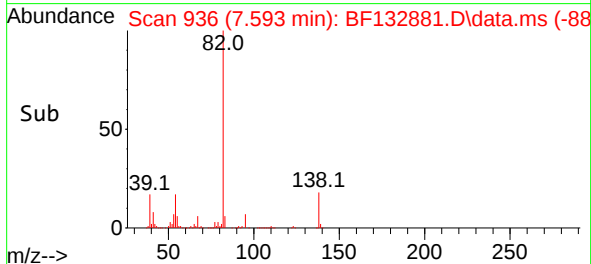
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion: 82 Resp: 160927
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.0 14.2 21.2

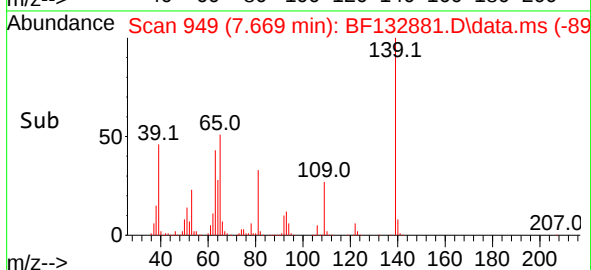
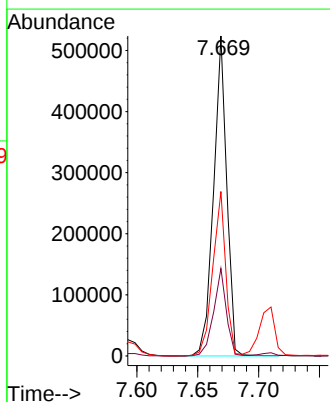
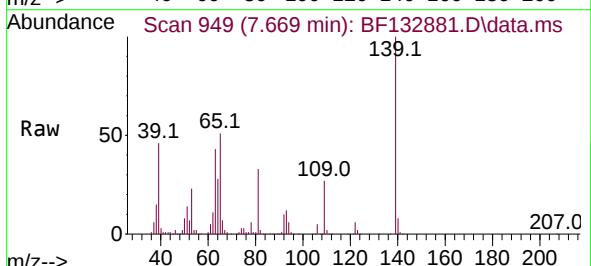
Manual Integrations
APPROVED

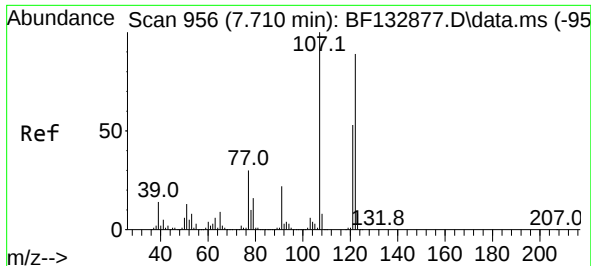
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#26
2-Nitrophenol
Concen: 46.487 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion:139 Resp: 394045
Ion Ratio Lower Upper
139 100
109 27.3 22.0 33.0
65 51.4 41.2 61.8





#27

2,4-Dimethylphenol

Concen: 42.082 ng

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132881.D

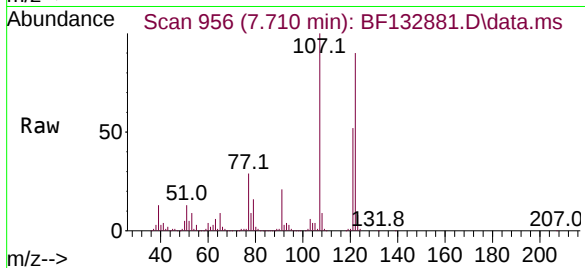
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323



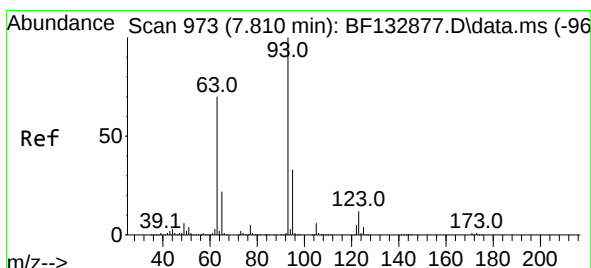
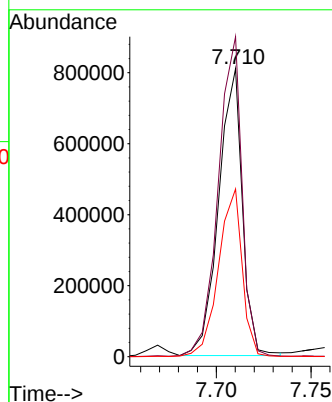
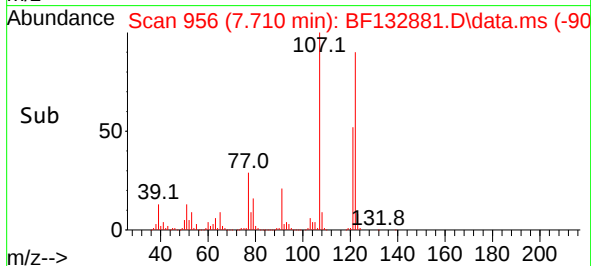
Tgt Ion: 122 Resp: 703962

Ion	Ratio	Lower	Upper
122	100		
107	111.1	89.5	134.3
121	58.2	47.3	70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.014 ng

RT: 7.810 min Scan# 973

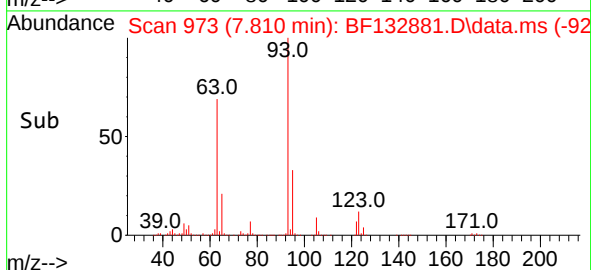
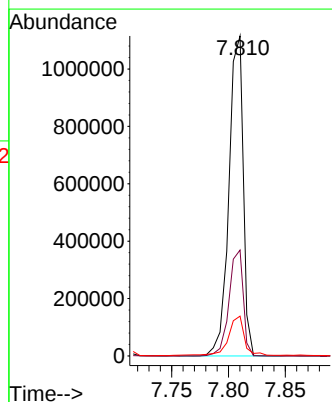
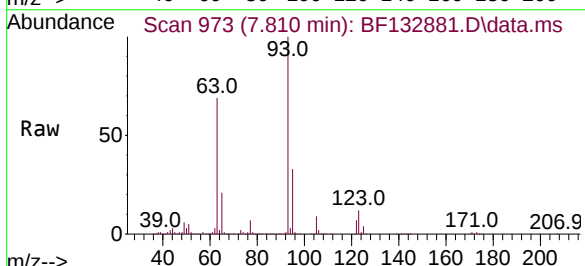
Delta R.T. -0.000 min

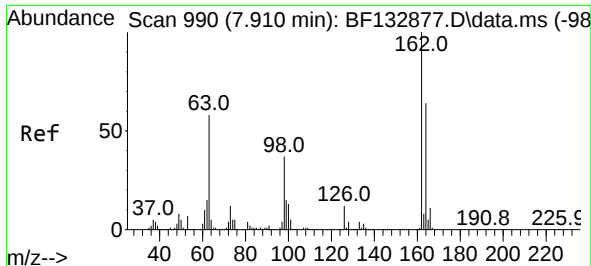
Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Tgt Ion: 93 Resp: 976853

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.5	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 41.686 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

Tgt Ion:162 Resp: 653270

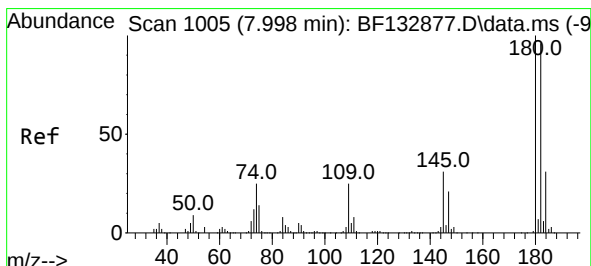
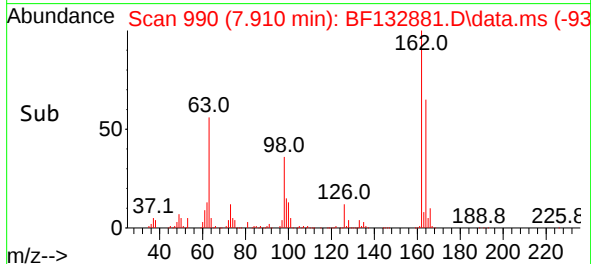
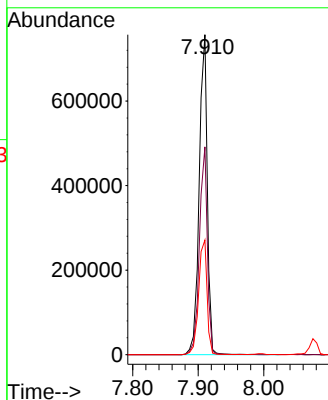
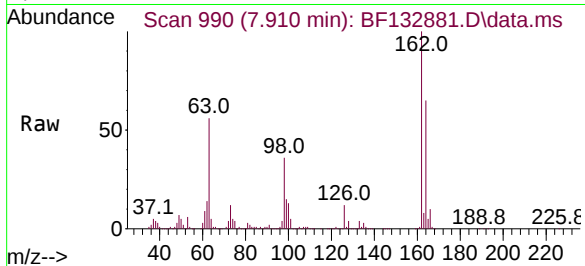
Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.3	84.3
98	35.8	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.242 ng

RT: 7.998 min Scan# 1005

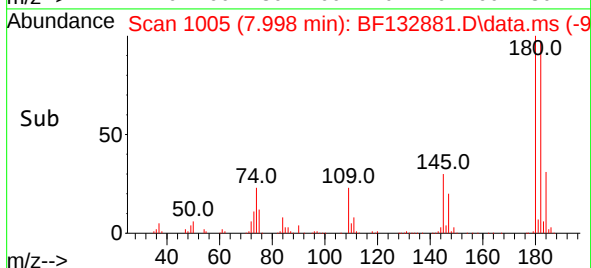
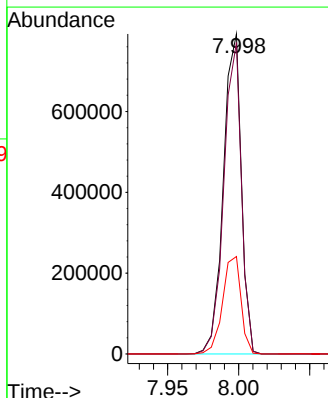
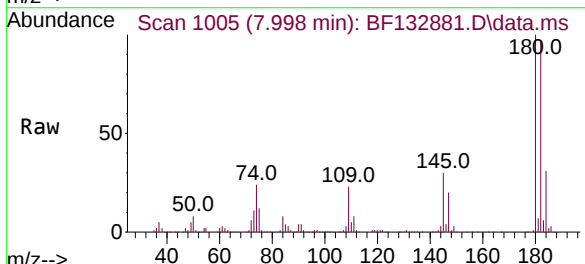
Delta R.T. -0.000 min

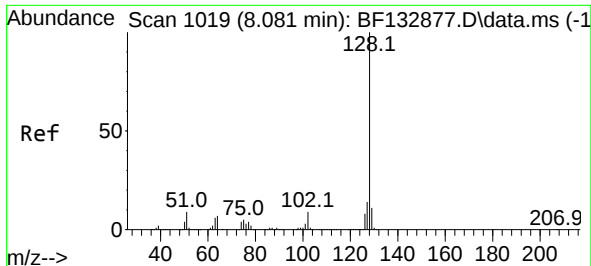
Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Tgt Ion:180 Resp: 695540

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.2	115.8
145	30.4	24.9	37.3





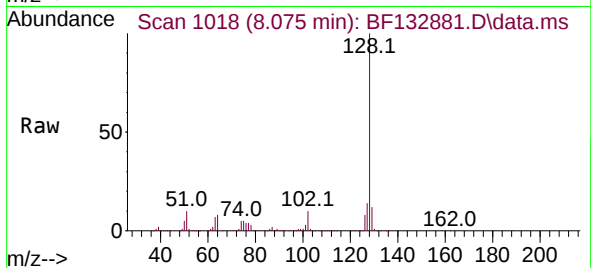
#31
Naphthalene
Concen: 40.510 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

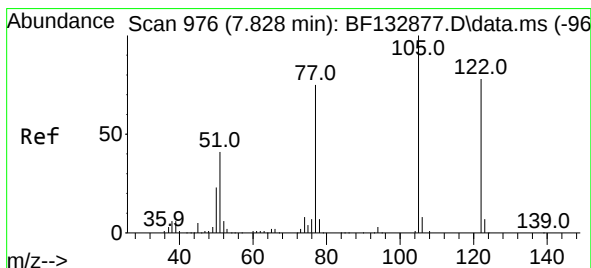
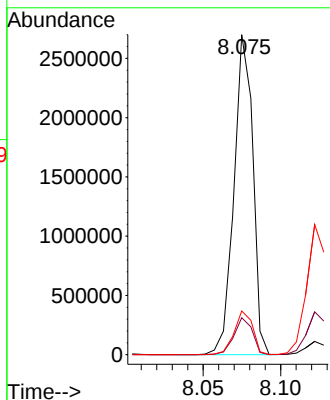
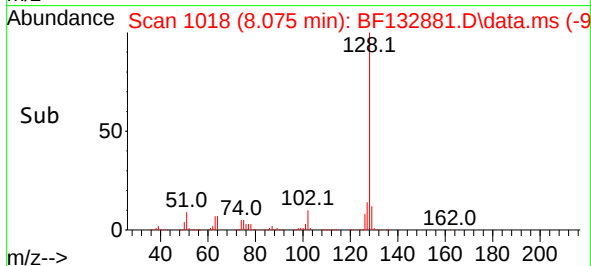


Tgt Ion:128 Resp: 2284620
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.9 16.3

Manual Integrations

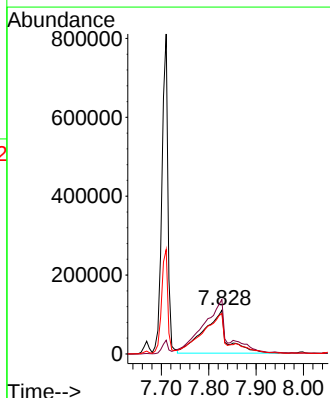
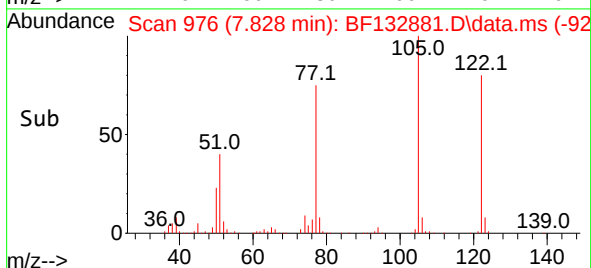
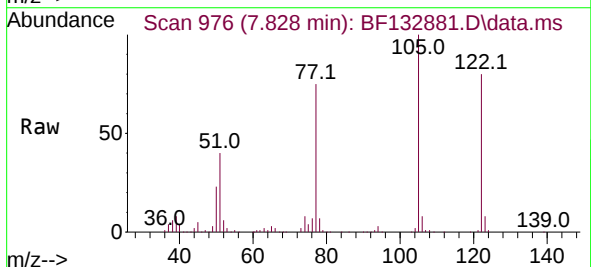
APPROVED

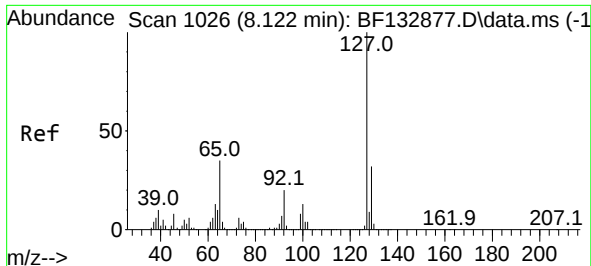
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#32
Benzoic acid
Concen: 46.598 ng m
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion:122 Resp: 383442
Ion Ratio Lower Upper
122 100
105 124.8 103.9 143.9
77 93.0 73.1 113.1





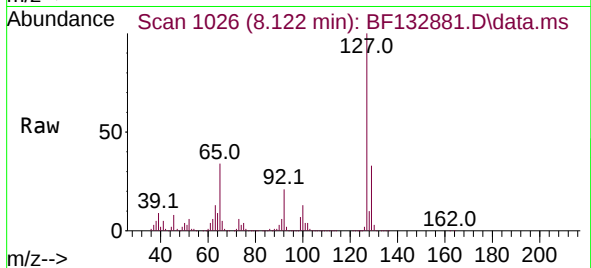
#33
4-Chloroaniline
Concen: 41.384 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

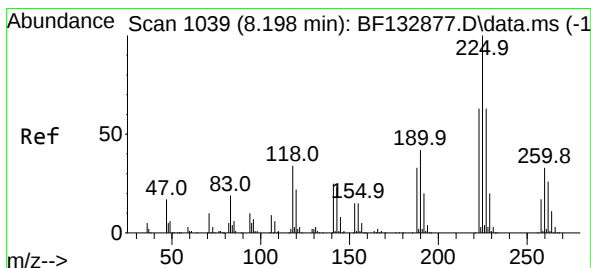
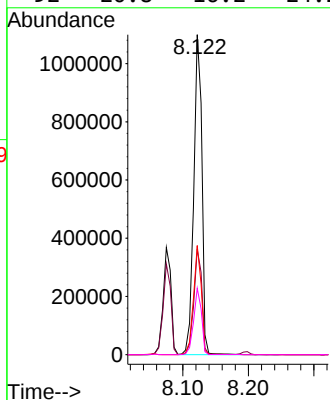
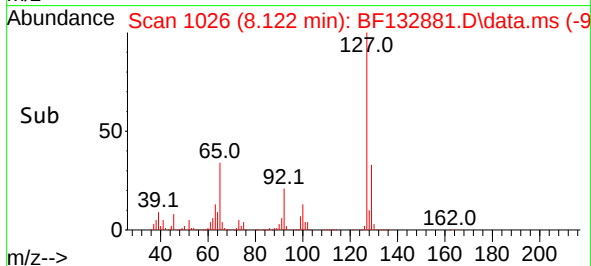


Tgt Ion:127 Resp: 94761
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4
65 34.1 28.1 42.1
92 20.8 16.2 24.2

Manual Integrations

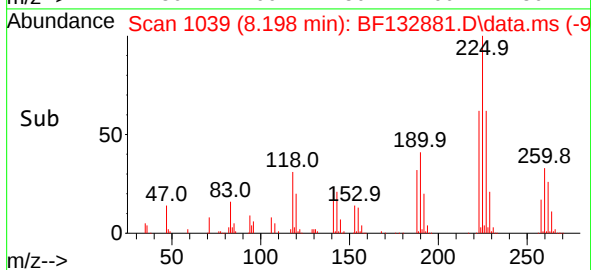
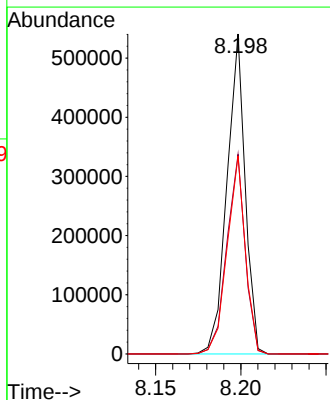
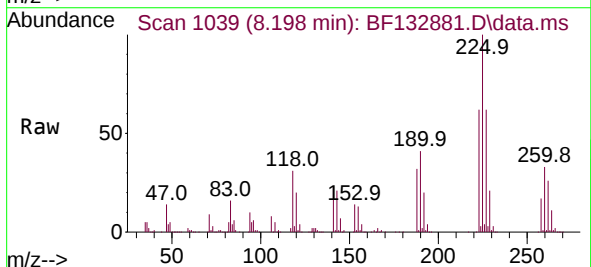
APPROVED

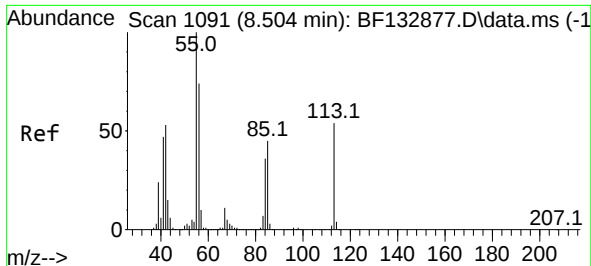
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#34
Hexachlorobutadiene
Concen: 41.792 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

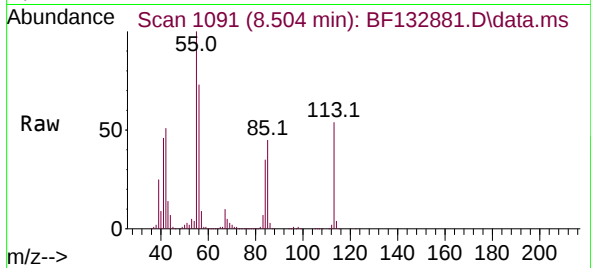
Tgt Ion:225 Resp: 403198
Ion Ratio Lower Upper
225 100
223 62.4 50.5 75.7
227 61.9 50.3 75.5





#35
Caprolactam
Concen: 44.683 ng
RT: 8.504 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

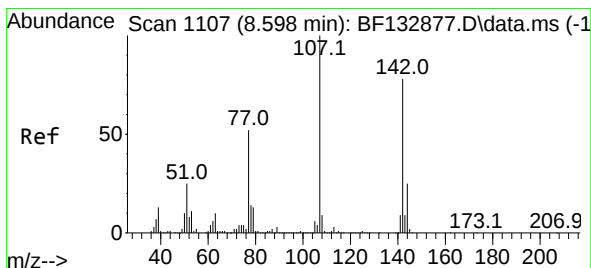
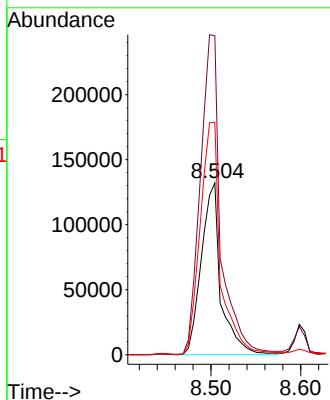
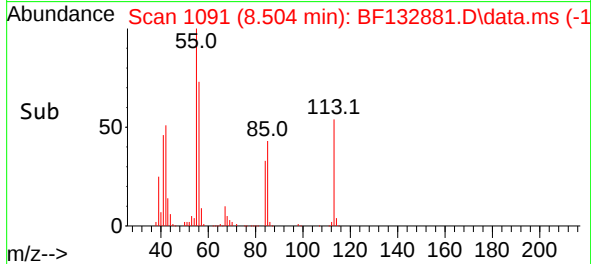
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion:113 Resp: 20012
Ion Ratio Lower Upper
113 100
55 185.5 165.2 205.2
56 135.3 116.3 156.3

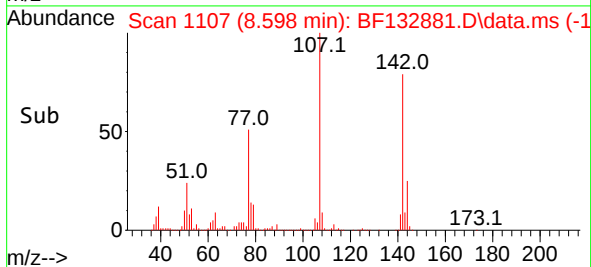
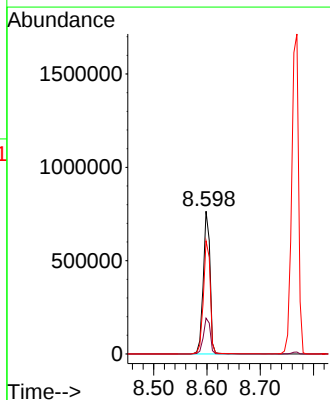
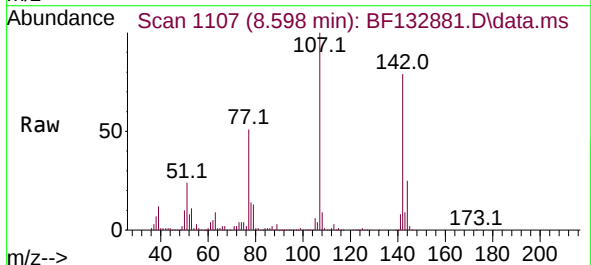
Manual Integrations
APPROVED

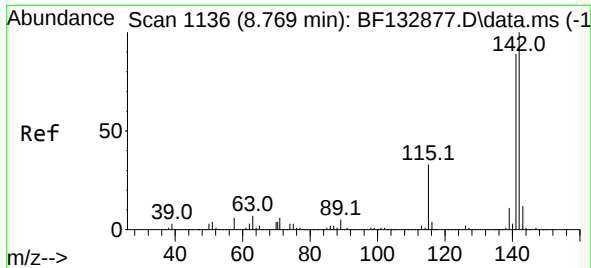
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#36
4-Chloro-3-methylphenol
Concen: 42.112 ng
RT: 8.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion:107 Resp: 673258
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 79.2 62.2 93.2





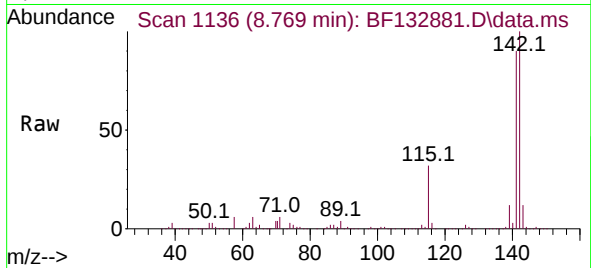
#37
2-Methylnaphthalene
Concen: 40.518 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

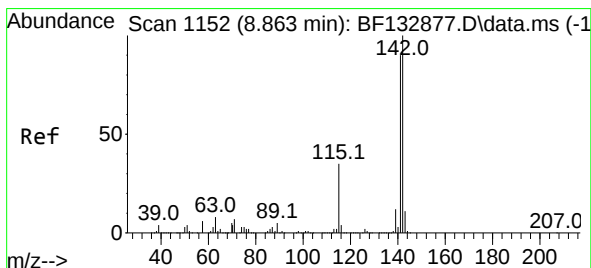
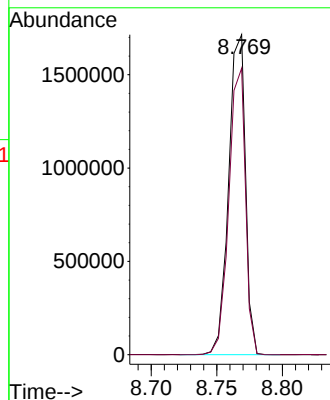
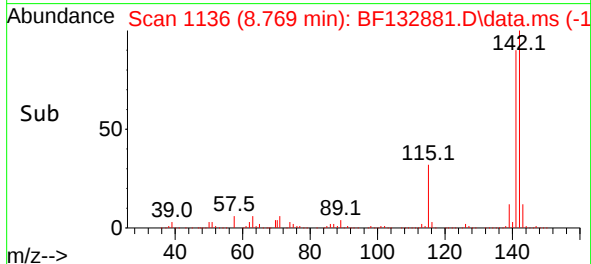


Tgt Ion:142 Resp: 1531190
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9

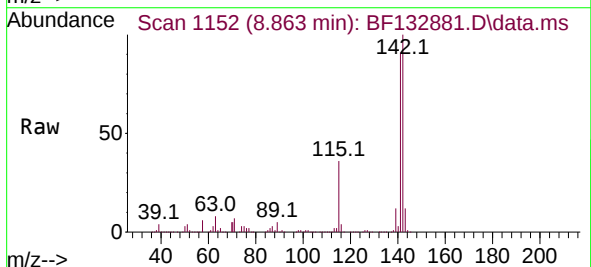
Manual Integrations

APPROVED

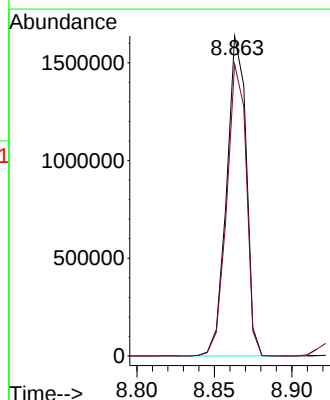
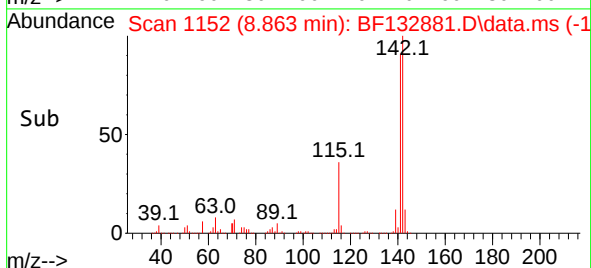
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

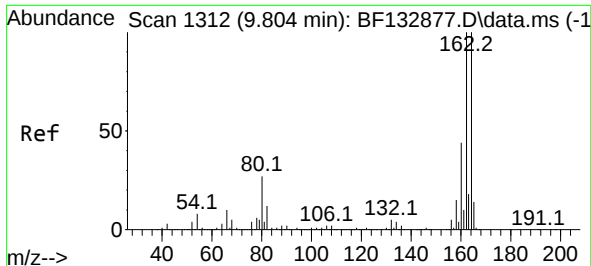


#38
1-Methylnaphthalene
Concen: 40.773 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:142 Resp: 1437415
Ion Ratio Lower Upper
142 100
141 91.2 72.3 108.5





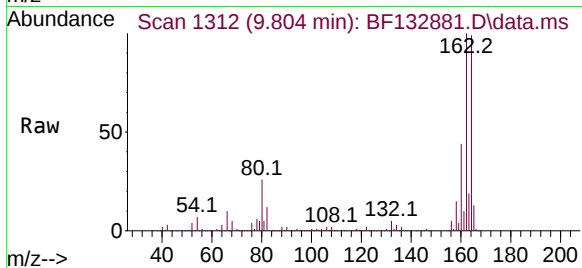
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

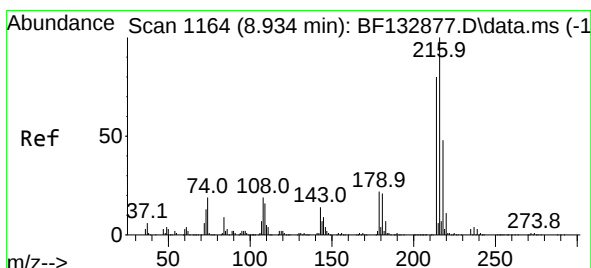
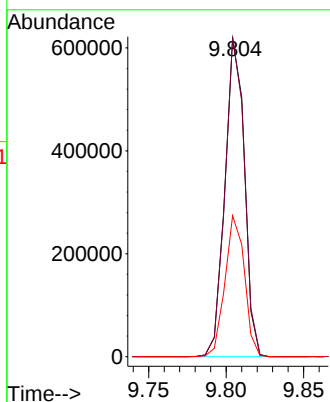
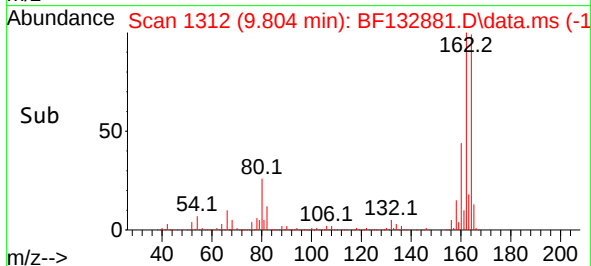


Tgt Ion:164 Resp: 540709
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 44.3 35.5 53.3

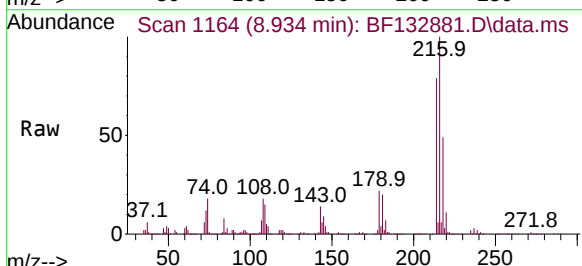
Manual Integrations

APPROVED

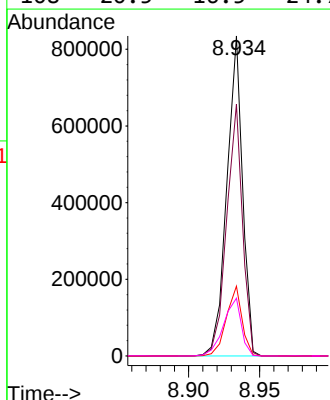
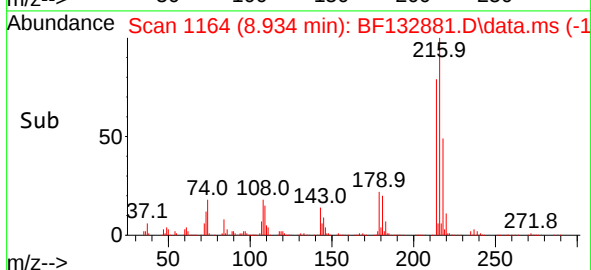
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

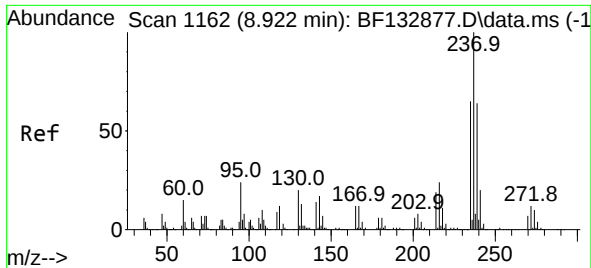


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.090 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:216 Resp: 642849
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 21.7 17.4 26.0
108 20.5 16.5 24.7





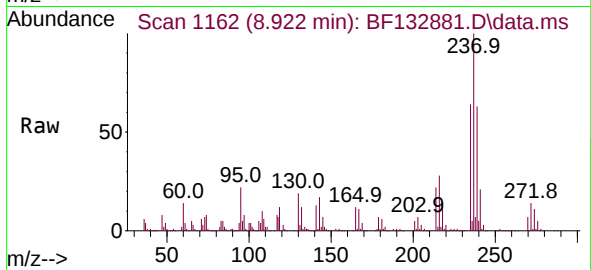
#41
Hexachlorocyclopentadiene
Concen: 44.418 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

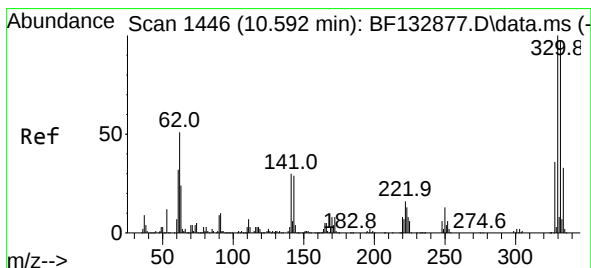
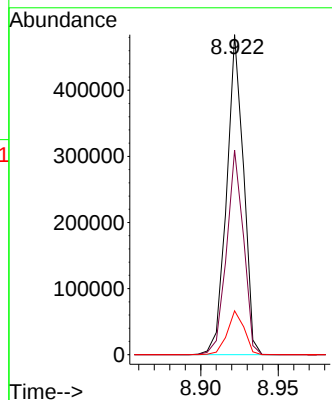
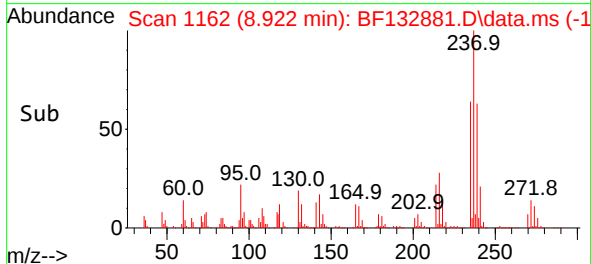


Tgt Ion: 237 Resp: 366584
Ion Ratio Lower Upper
237 100
235 64.0 45.2 85.2
272 13.7 0.0 32.5

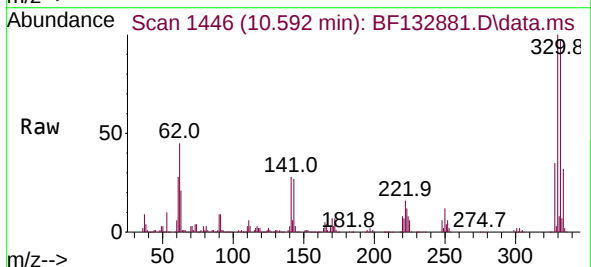
Manual Integrations

APPROVED

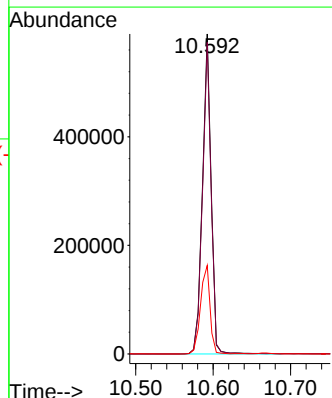
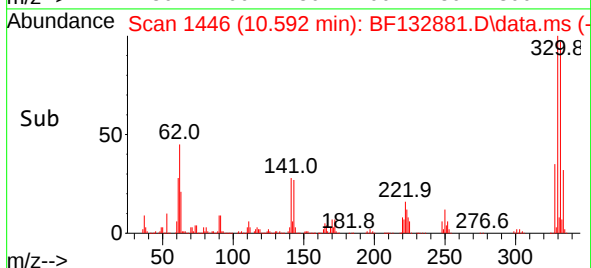
Reviewed By : Christian Giraldo 04/14/2023
Supervised By : Jagrut Upadhyay 04/14/2023

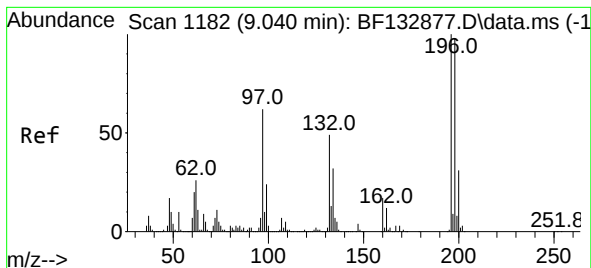


#42
2,4,6-Tribromophenol
Concen: 86.366 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion: 330 Resp: 457583
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 30.3 24.8 37.2





#43

2,4,6-Trichlorophenol

Concen: 41.903 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

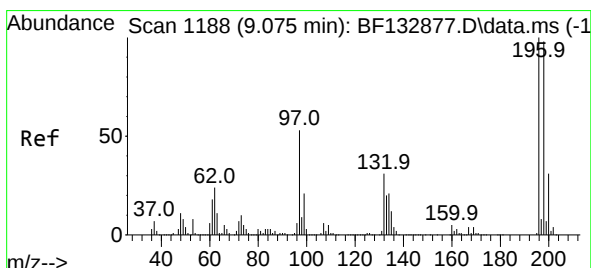
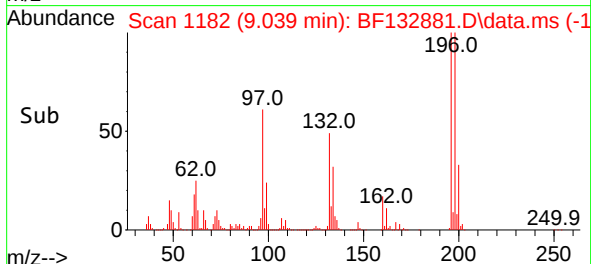
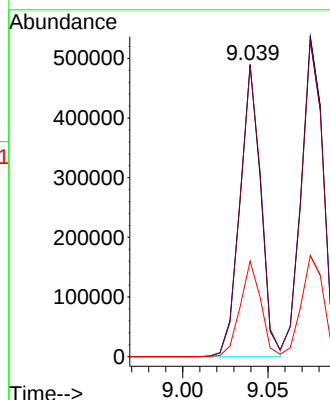
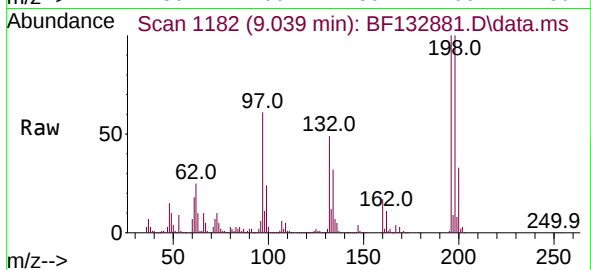
ICVBF041323

Tgt Ion:196 Resp: 414900
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.4 117.6
 200 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023



#44

2,4,5-Trichlorophenol

Concen: 41.680 ng

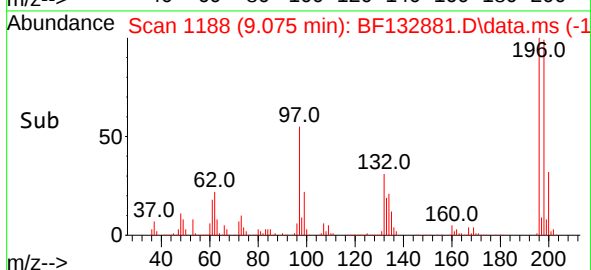
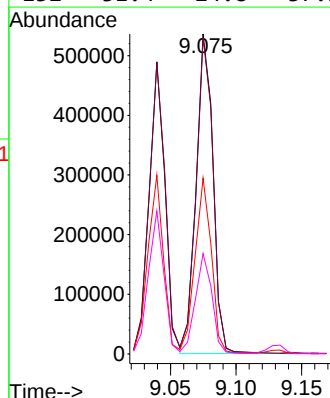
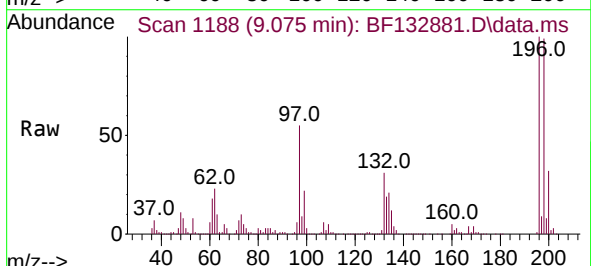
RT: 9.075 min Scan# 1188

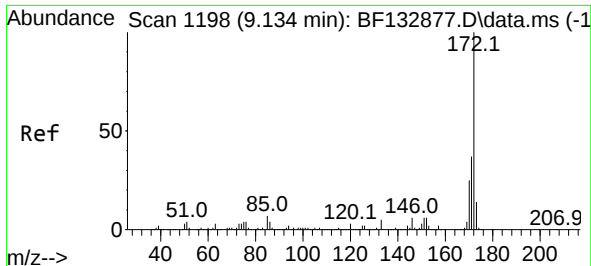
Delta R.T. -0.000 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Tgt Ion:196 Resp: 481283
 Ion Ratio Lower Upper
 196 100
 198 98.9 78.2 117.2
 97 55.0 42.5 63.7
 132 31.4 24.8 37.2





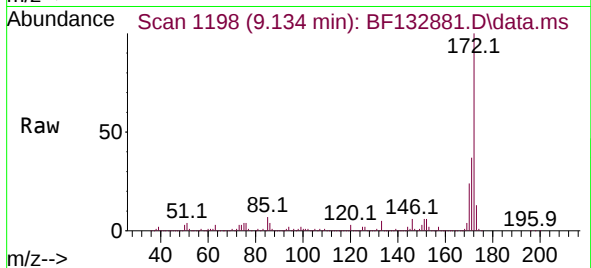
#45
2-Fluorobiphenyl
Concen: 77.768 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

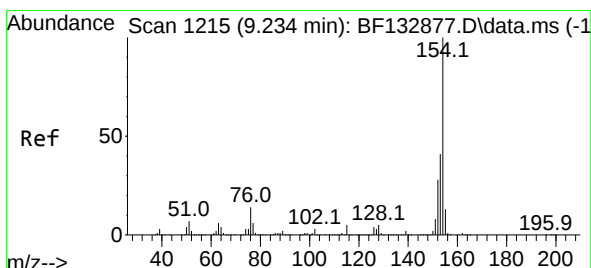
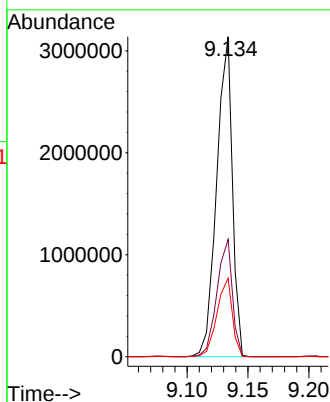
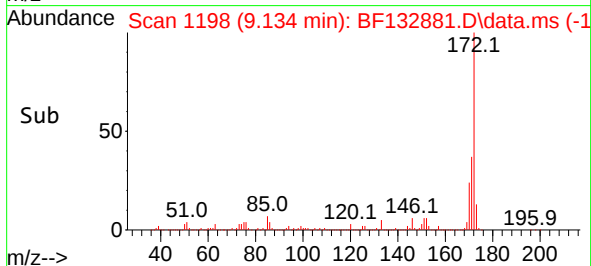
ICVBF041323



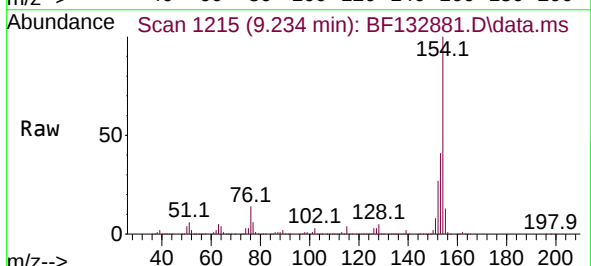
Tgt Ion:172 Resp: 2812724
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.8
170 24.5 19.7 29.5

Manual Integrations
APPROVED

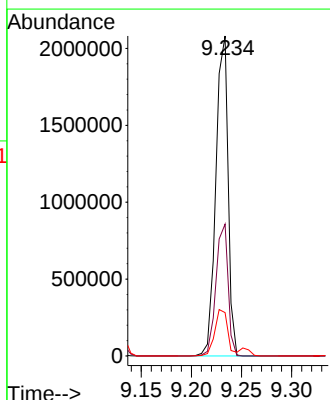
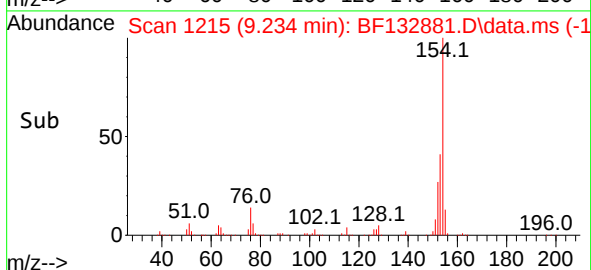
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

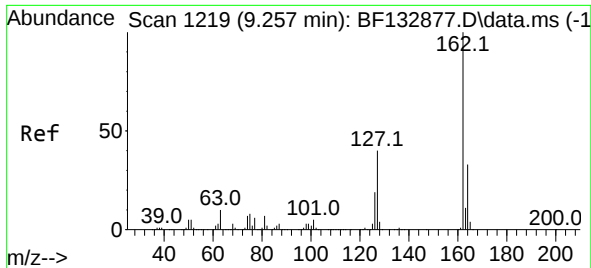


#46
1,1'-Biphenyl
Concen: 39.834 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:154 Resp: 1759286
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 13.5 0.0 34.3





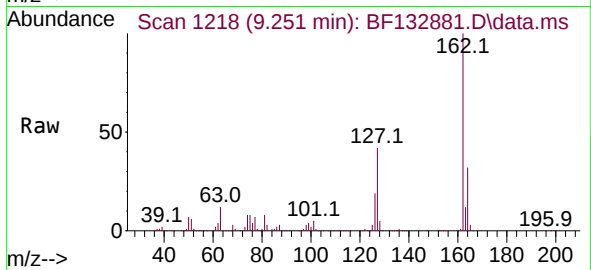
#47
2-Chloronaphthalene
Concen: 40.413 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

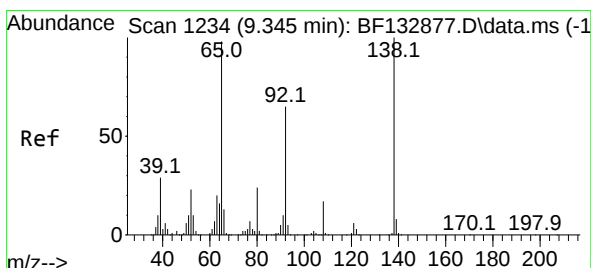
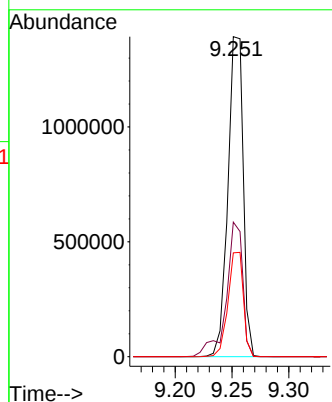
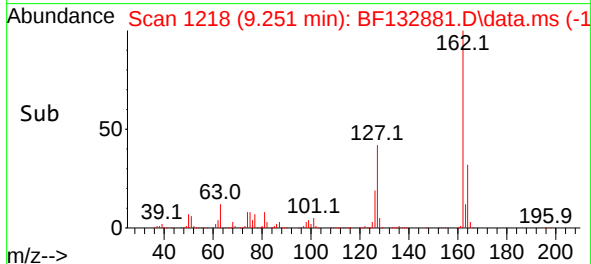


Tgt Ion:162 Resp: 1307028
Ion Ratio Lower Upper
162 100
127 42.1 32.5 48.7
164 32.4 26.8 40.2

Manual Integrations

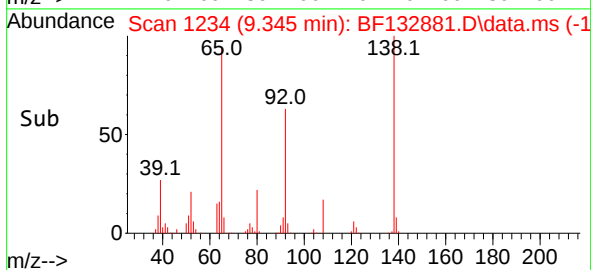
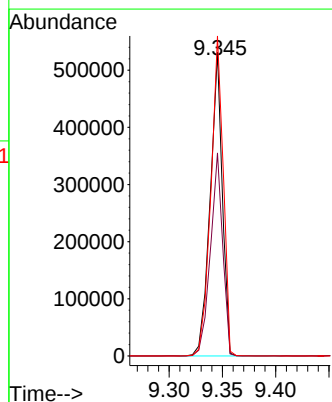
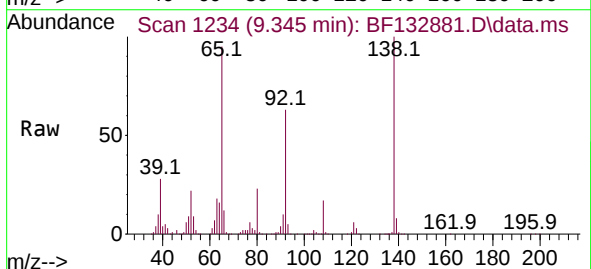
APPROVED

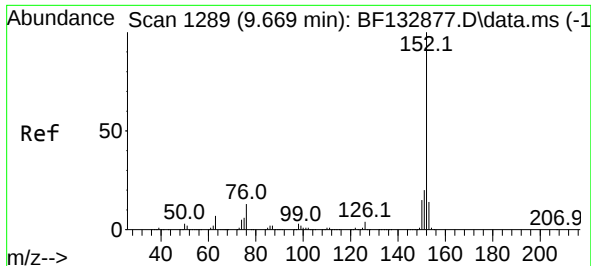
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#48
2-Nitroaniline
Concen: 45.429 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion: 65 Resp: 422799
Ion Ratio Lower Upper
65 100
92 66.8 52.8 79.2
138 105.3 81.3 121.9





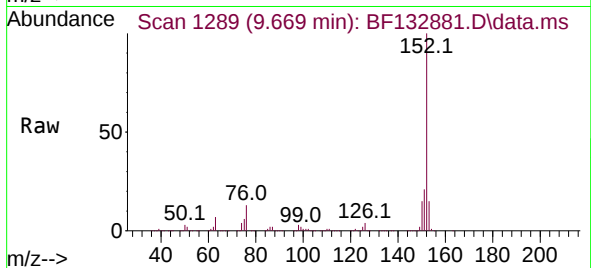
#49
Acenaphthylene
Concen: 40.055 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

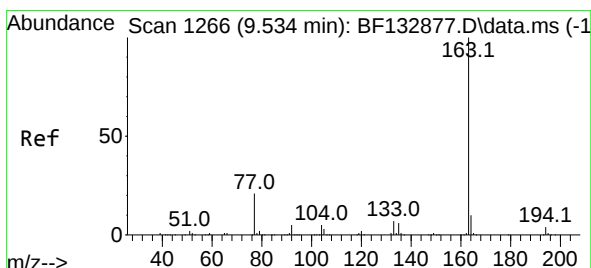
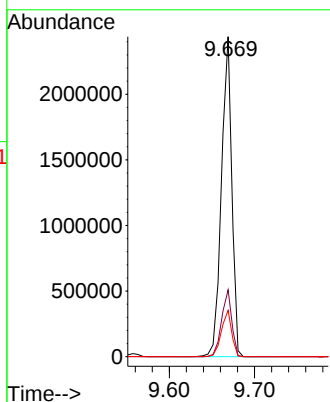
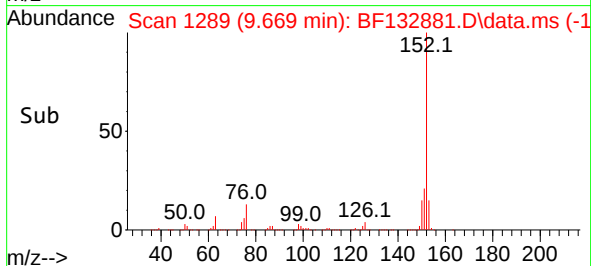


Tgt Ion:152 Resp: 2059909
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.5 11.3 16.9

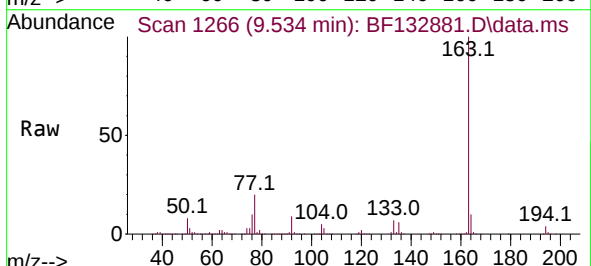
Manual Integrations

APPROVED

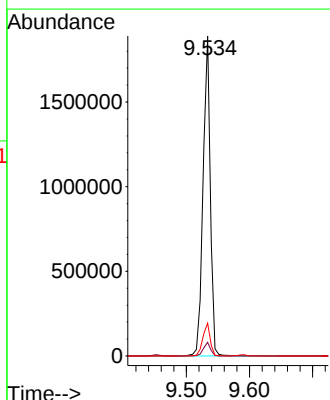
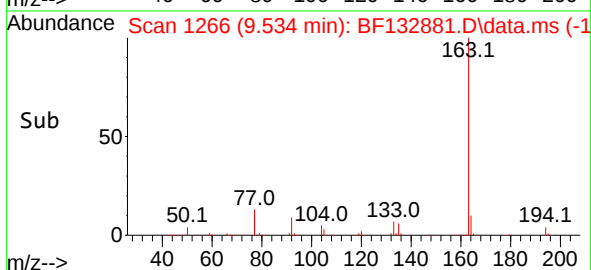
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

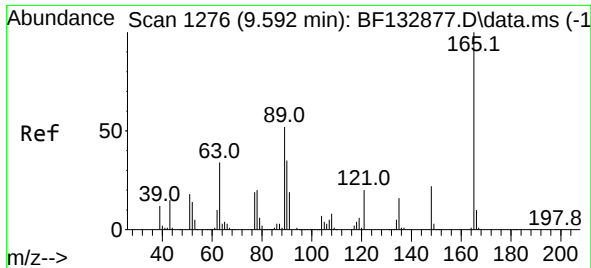


#50
Dimethylphthalate
Concen: 41.210 ng
RT: 9.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:163 Resp: 1505279
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.4 12.6





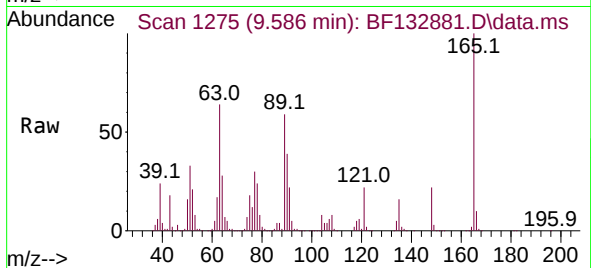
#51
2,6-Dinitrotoluene
Concen: 43.945 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

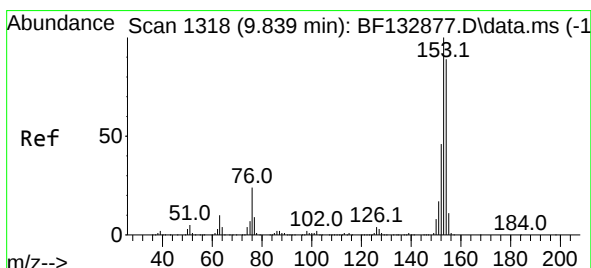
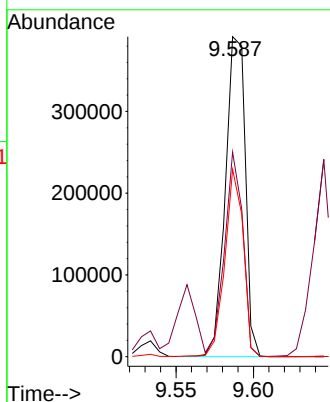
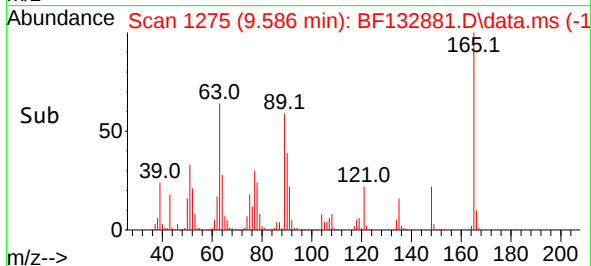


Tgt Ion:165 Resp: 351319
Ion Ratio Lower Upper
165 100
63 64.0 43.8 65.6
89 58.5 41.8 62.6

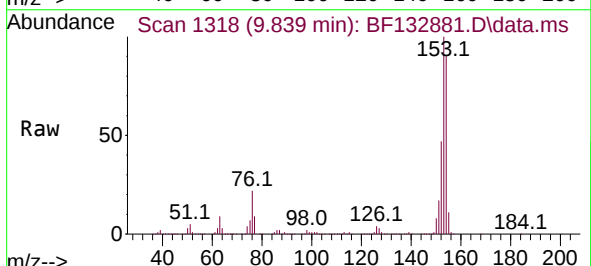
Manual Integrations

APPROVED

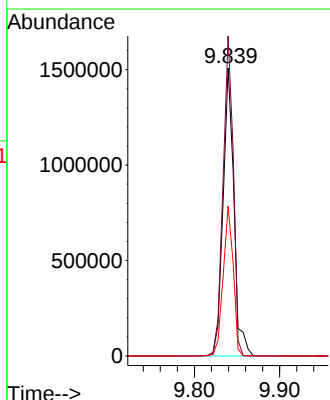
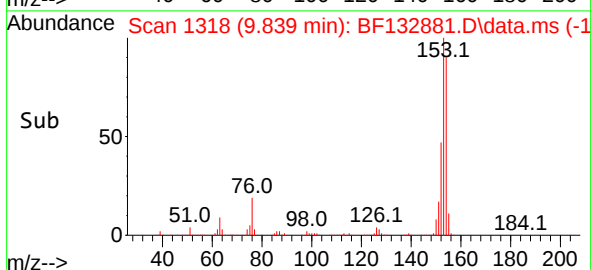
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

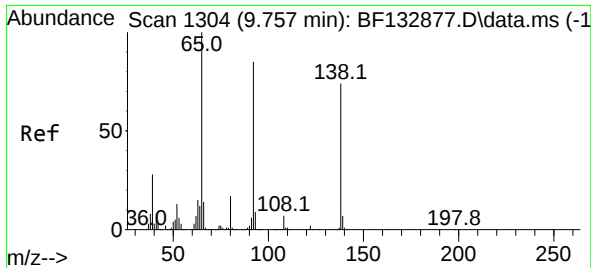


#52
Acenaphthene
Concen: 39.934 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:154 Resp: 1333668
Ion Ratio Lower Upper
154 100
153 111.2 89.7 134.5
152 52.0 41.3 61.9





#53
3-Nitroaniline
Concen: 43.097 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

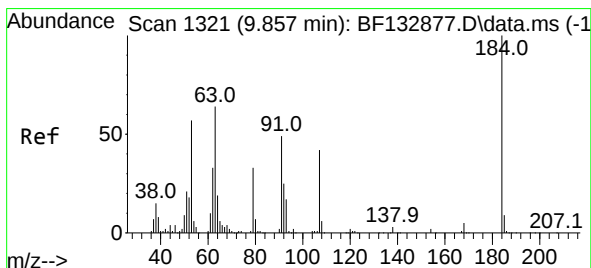
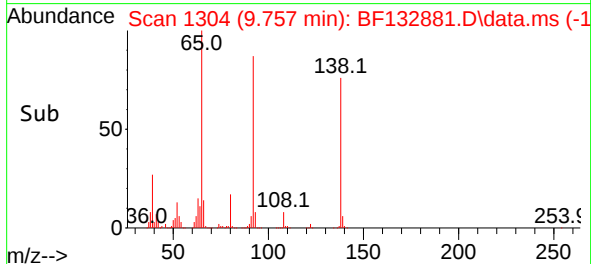
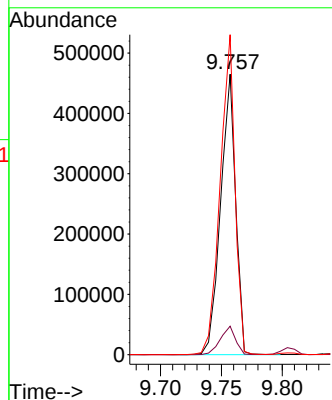
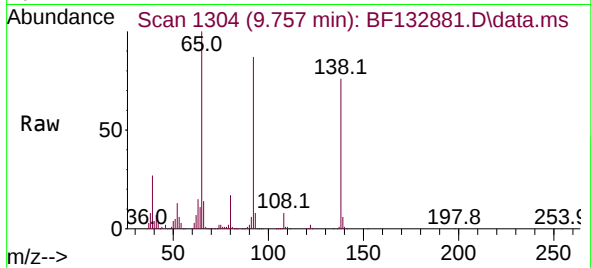
ICVBF041323

Tgt Ion:138 Resp: 40019
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 114.1 92.1 138.1

Manual Integrations

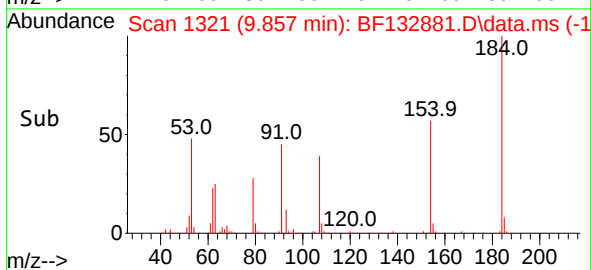
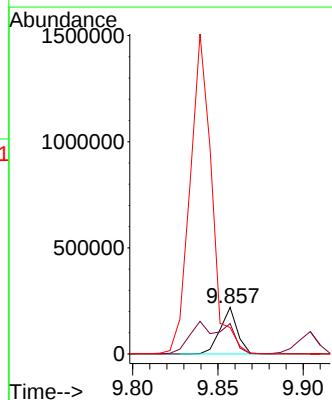
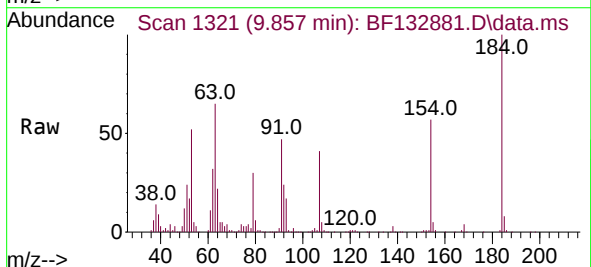
APPROVED

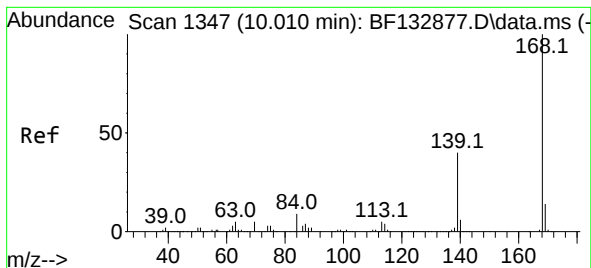
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#54
2,4-Dinitrophenol
Concen: 46.611 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

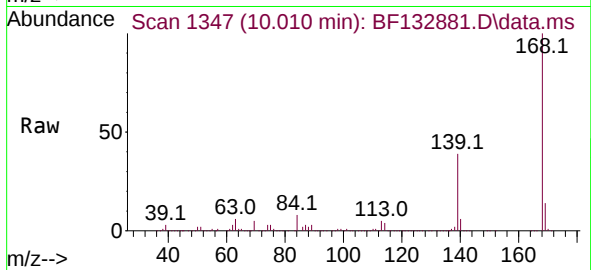
Tgt Ion:184 Resp: 153551
Ion Ratio Lower Upper
184 100
63 65.3 56.8 85.2
154 56.7 46.8 70.2





#55
Dibenzofuran
Concen: 39.594 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

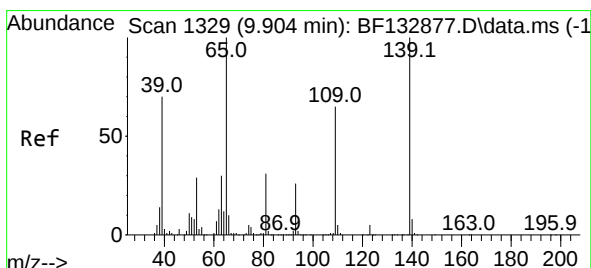
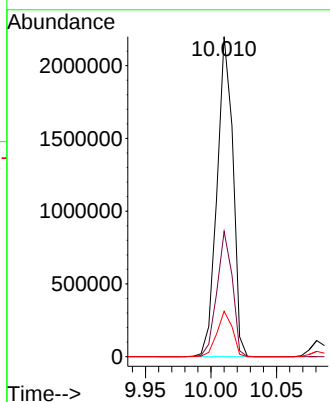
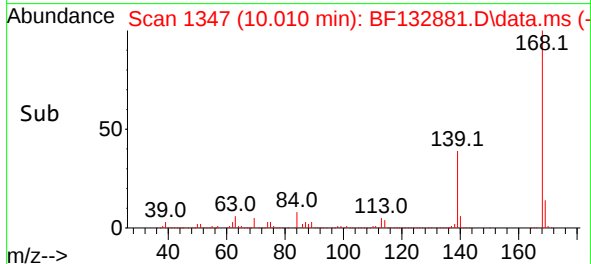
Instrument : BNA_F
ClientSampleId : ICVBF041323



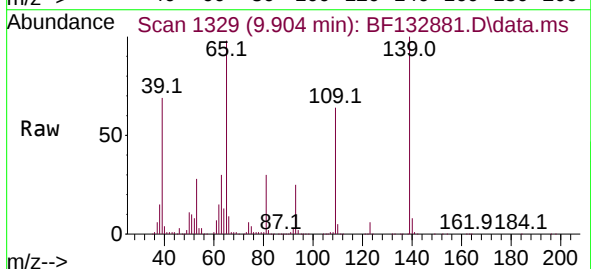
Tgt Ion:168 Resp: 1845539
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 14.2 11.1 16.7

Manual Integrations
APPROVED

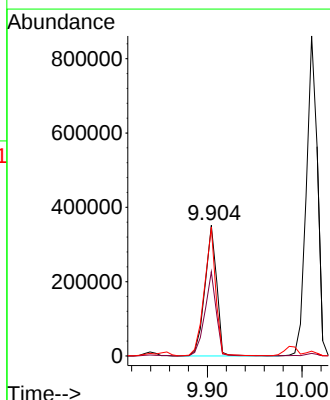
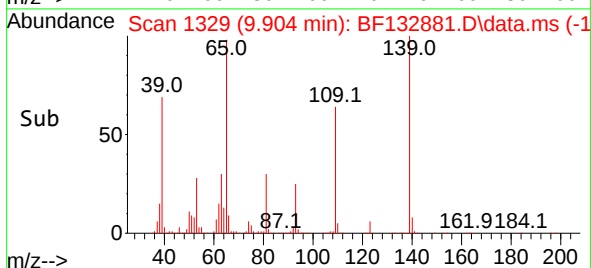
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

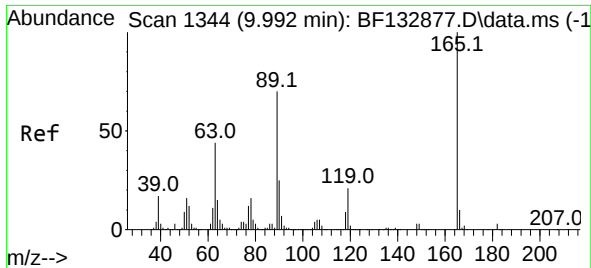


#56
4-Nitrophenol
Concen: 43.216 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:139 Resp: 304565
Ion Ratio Lower Upper
139 100
109 64.5 44.6 84.6
65 98.5 80.2 120.2





#57

2,4-Dinitrotoluene

Concen: 44.831 ng

RT: 9.992 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132881.D

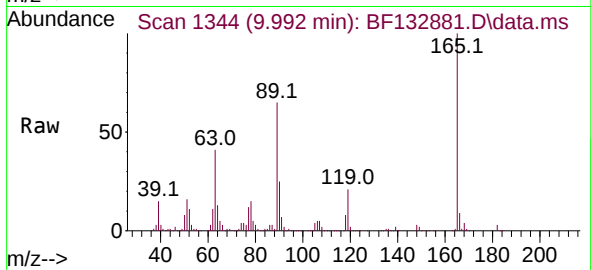
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323



Tgt Ion:165 Resp: 443500

Ion Ratio Lower Upper

165 100

63 41.2 35.4 53.0

89 65.4 56.1 84.1

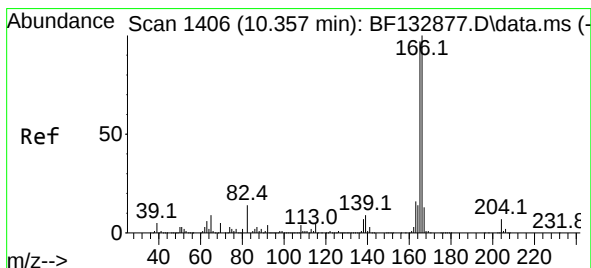
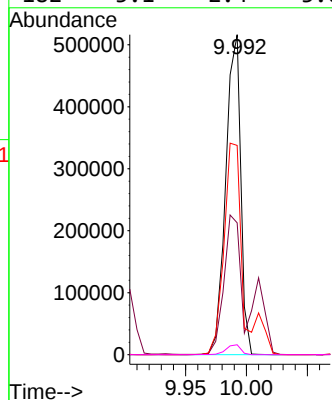
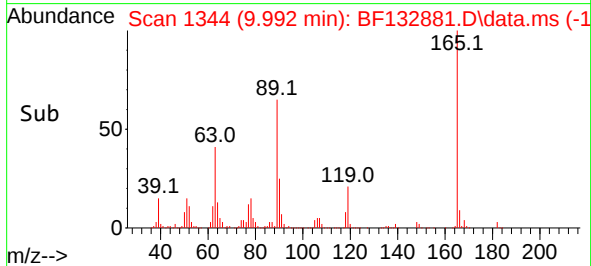
182 3.1 2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#58

Fluorene

Concen: 39.498 ng

RT: 10.351 min Scan# 1405

Delta R.T. -0.006 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

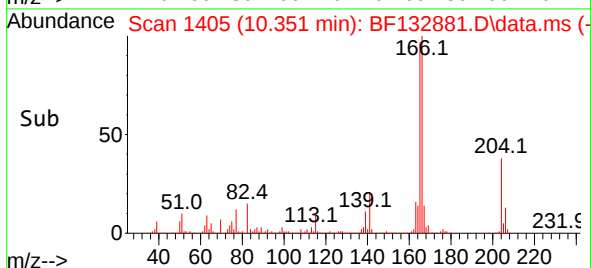
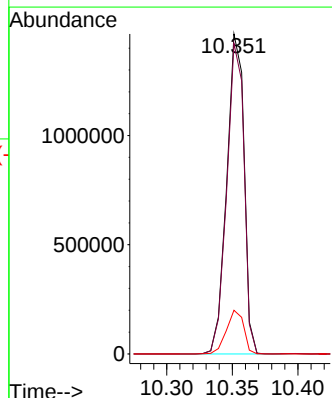
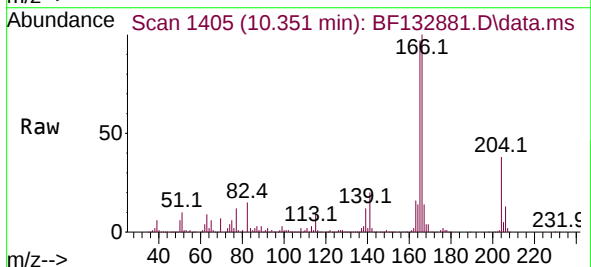
Tgt Ion:166 Resp: 1347725

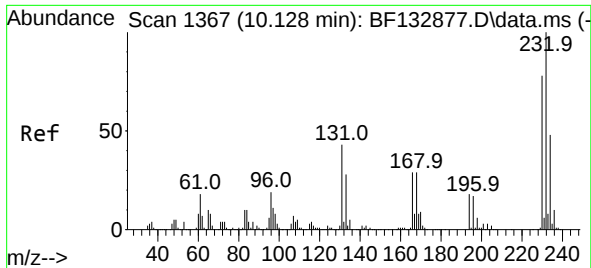
Ion Ratio Lower Upper

166 100

165 97.1 77.6 116.4

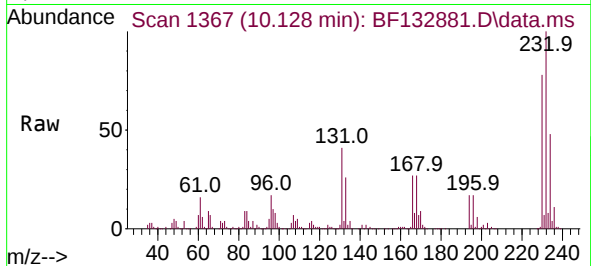
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.726 ng
RT: 10.128 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

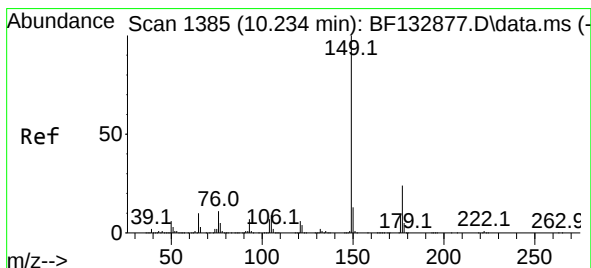
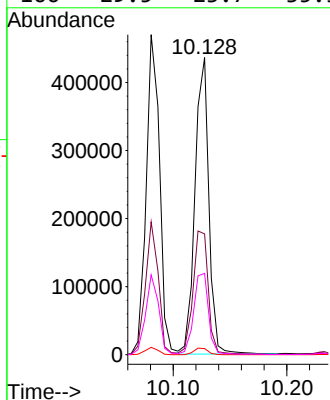
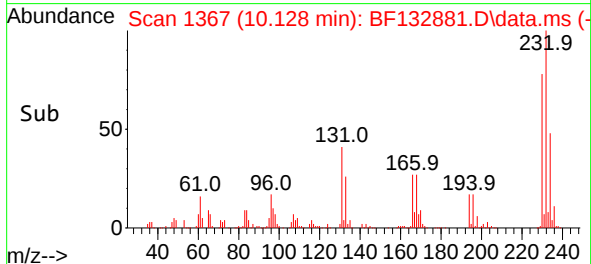
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion:232 Resp: 37060
Ion Ratio Lower Upper
232 100
131 45.6 36.2 54.4
130 2.2 1.8 2.6
166 29.5 23.7 35.5

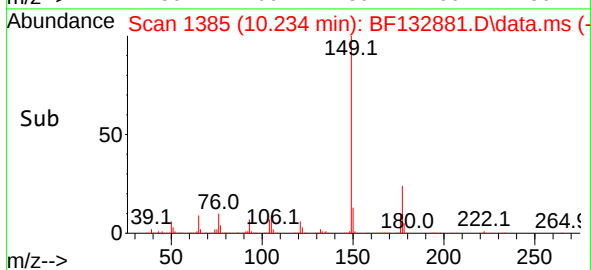
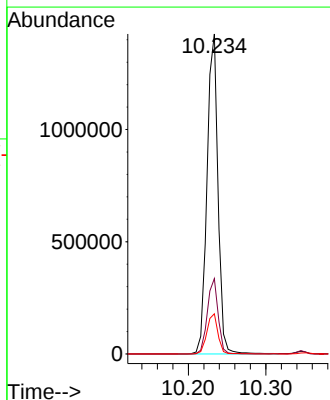
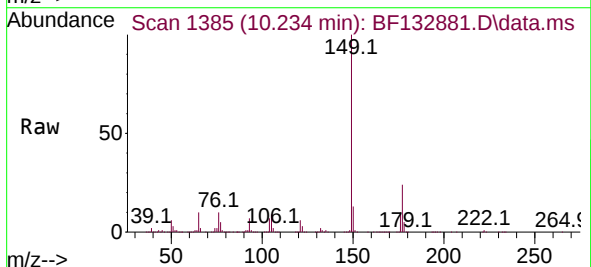
Manual Integrations
APPROVED

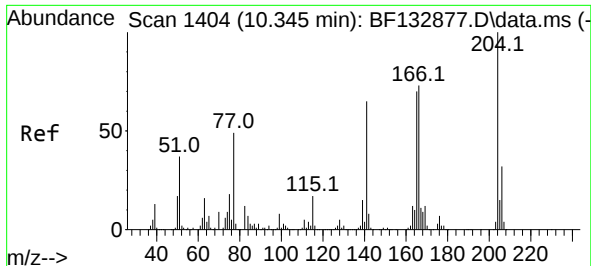
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#60
Diethylphthalate
Concen: 41.685 ng
RT: 10.234 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

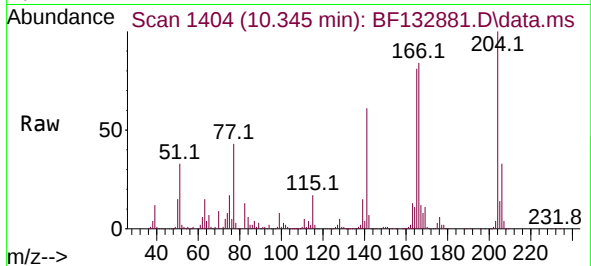
Tgt Ion:149 Resp: 1400198
Ion Ratio Lower Upper
149 100
177 23.6 19.0 28.4
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.601 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

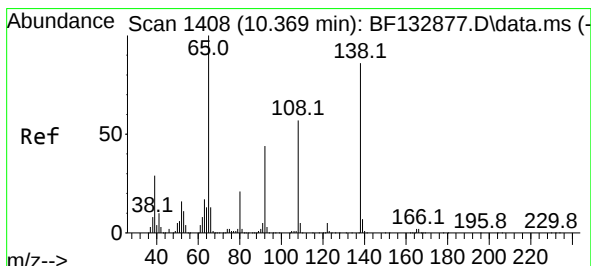
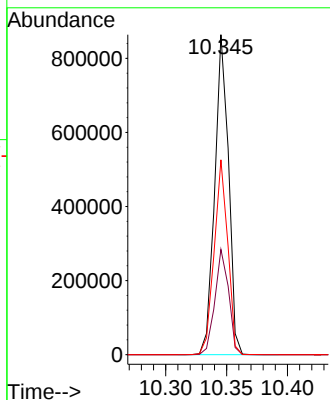
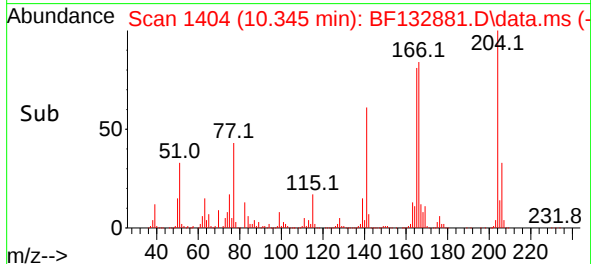
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



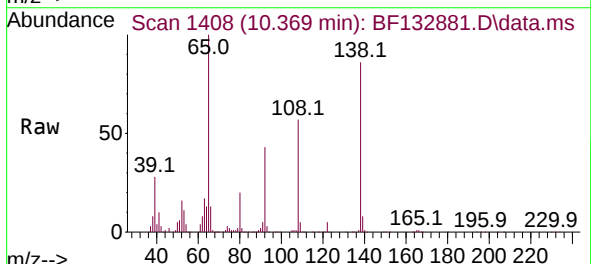
Tgt Ion:204 Resp: 679089
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 60.9 52.0 78.0

Manual Integrations
APPROVED

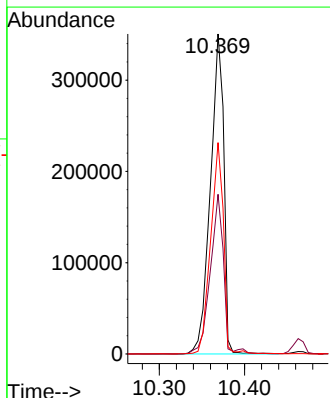
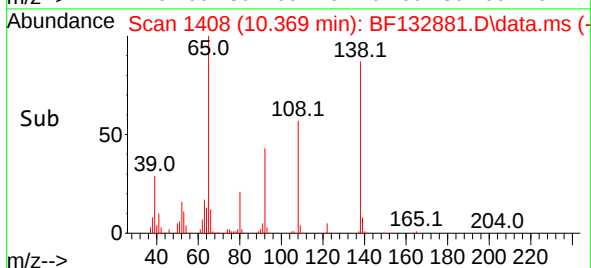
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

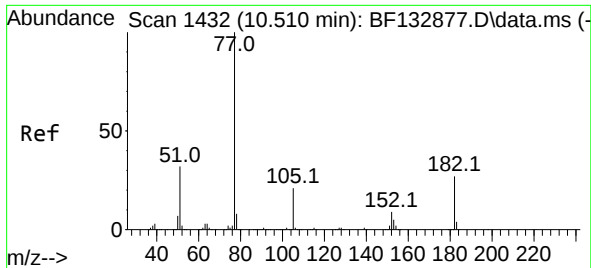


#62
4-Nitroaniline
Concen: 43.914 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:138 Resp: 384291
Ion Ratio Lower Upper
138 100
92 49.9 30.9 70.9
108 66.1 46.0 86.0





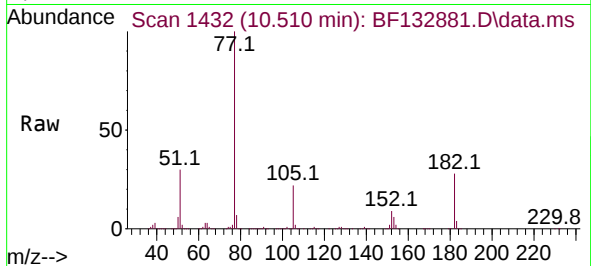
#63
Azobenzene
Concen: 40.690 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

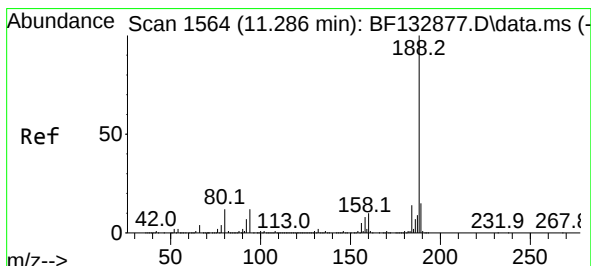
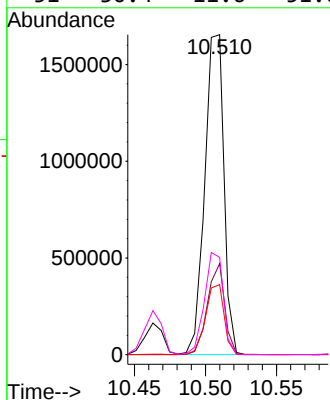
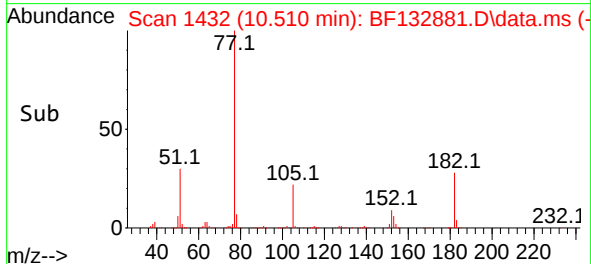


Tgt Ion: 77 Resp: 155993
Ion Ratio Lower Upper
77 100
182 28.4 7.1 47.1
105 21.9 1.4 41.4
51 30.4 11.6 51.6

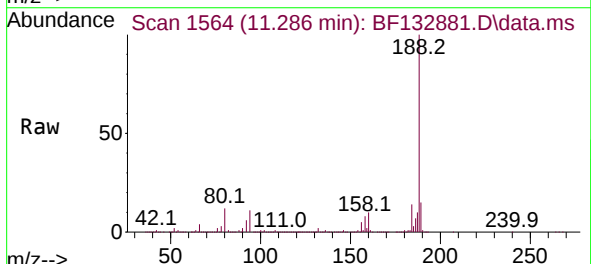
Manual Integrations

APPROVED

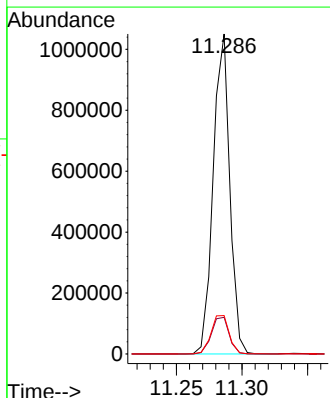
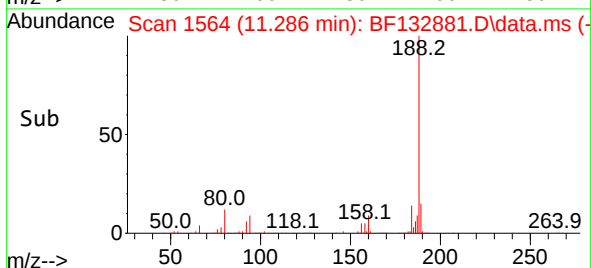
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

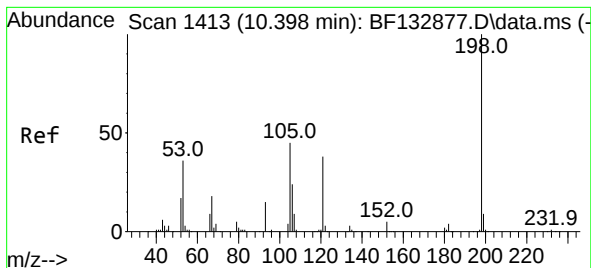


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



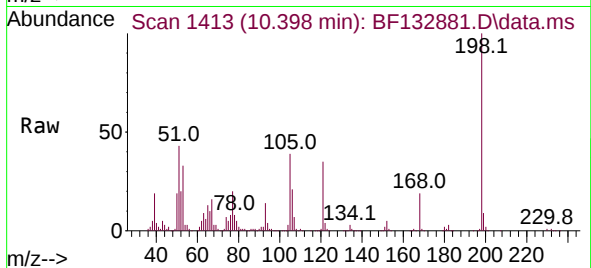
Tgt Ion:188 Resp: 920576
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 12.0 9.9 14.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.614 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

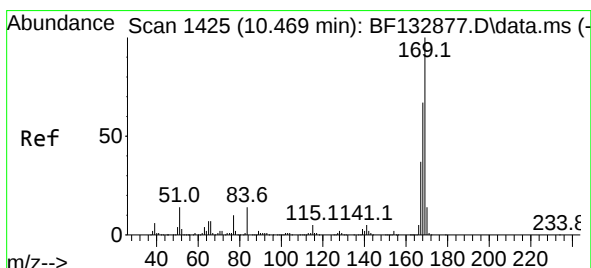
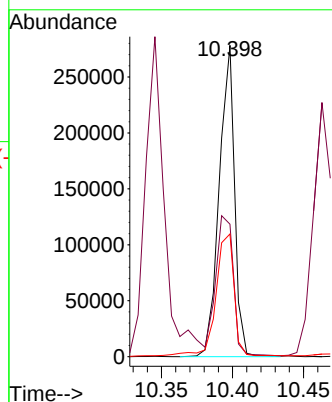
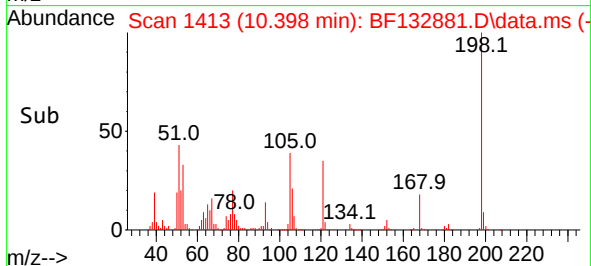
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



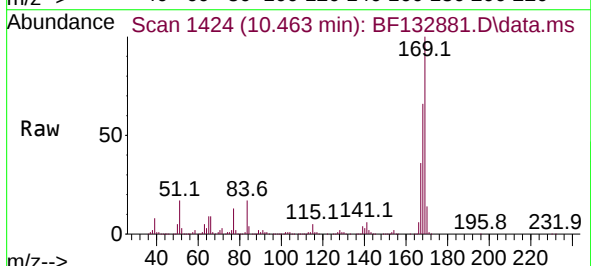
Tgt Ion:198 Resp: 209061
Ion Ratio Lower Upper
198 100
51 42.6 31.1 71.1
105 39.4 25.5 65.5

Manual Integrations
APPROVED

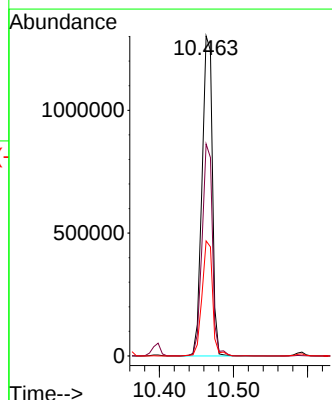
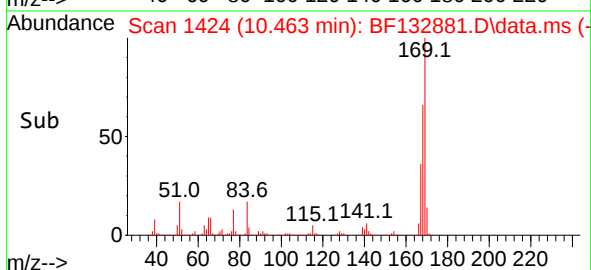
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

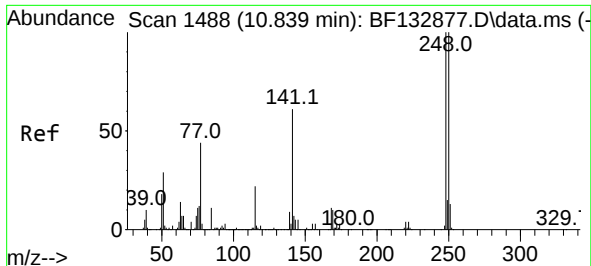


#66
n-Nitrosodiphenylamine
Concen: 41.231 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



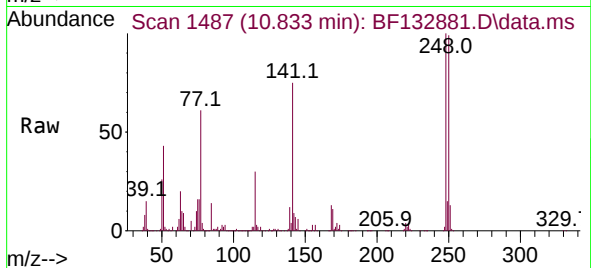
Tgt Ion:169 Resp: 1256495
Ion Ratio Lower Upper
169 100
168 66.2 53.6 80.4
167 35.9 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 41.451 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

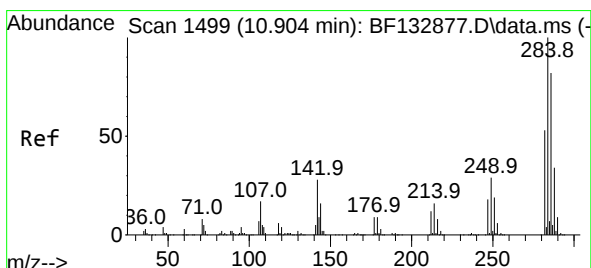
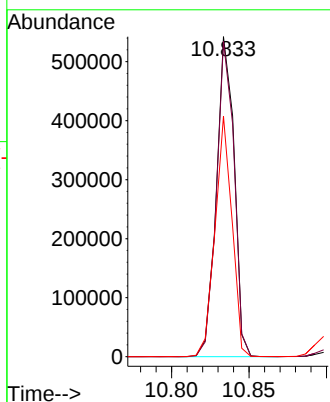
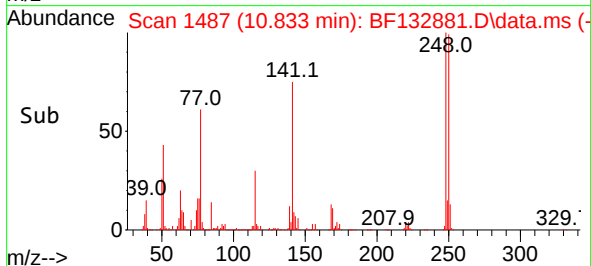
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



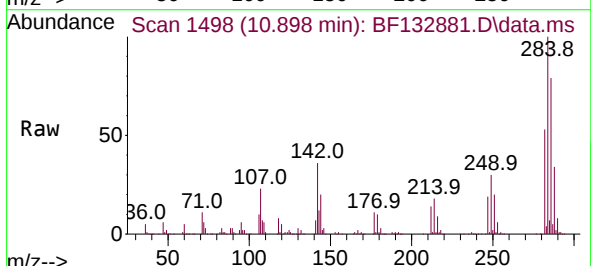
Tgt Ion:248 Resp: 43249
Ion Ratio Lower Upper
248 100
250 98.5 79.7 119.5
141 75.2 48.8 73.2

Manual Integrations
APPROVED

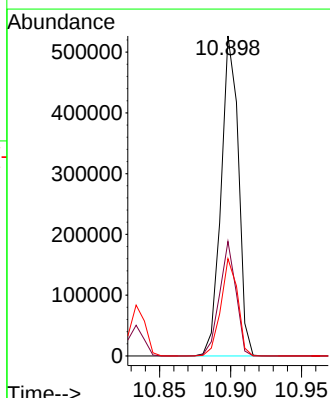
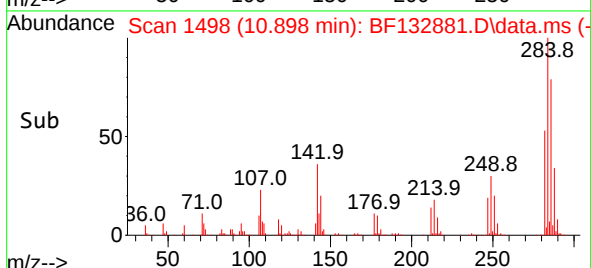
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

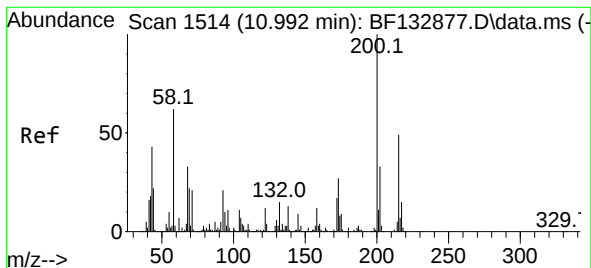


#68
Hexachlorobenzene
Concen: 41.260 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:284 Resp: 444794
Ion Ratio Lower Upper
284 100
142 35.8 22.0 33.0#
249 30.4 22.8 34.2





#69

Atrazine

Concen: 43.209 ng

RT: 10.992 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF132881.D

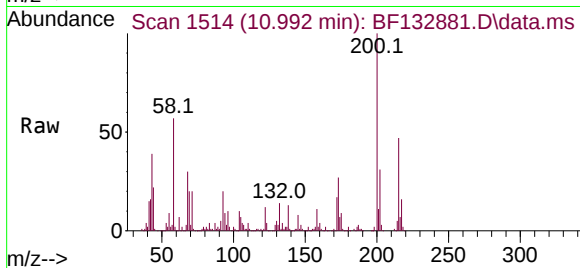
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

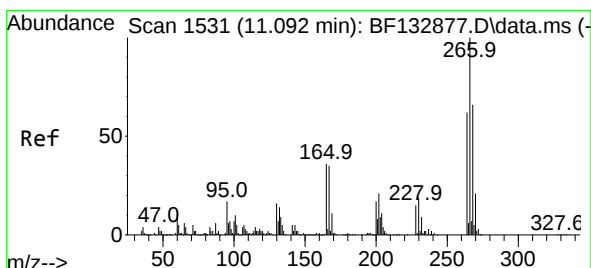
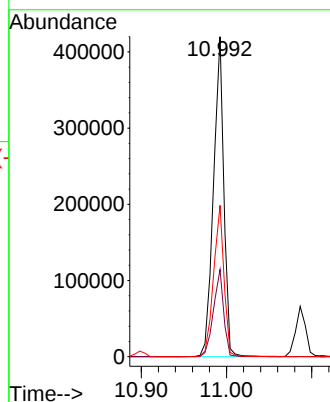
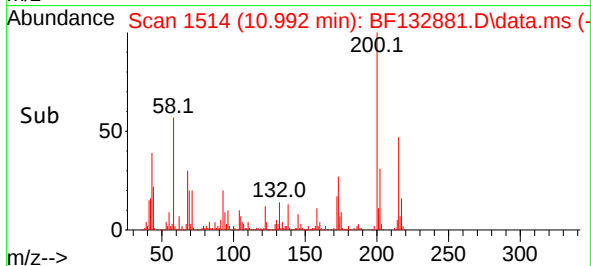


Tgt Ion:	200	Resp:	35600
Ion Ratio	Lower	Upper	
200	100		
173	27.2	7.4	47.4
215	47.3	29.4	69.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#70

Pentachlorophenol

Concen: 44.508 ng

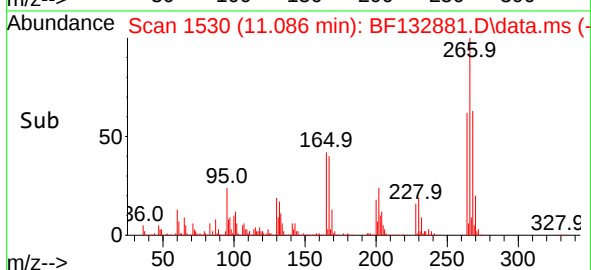
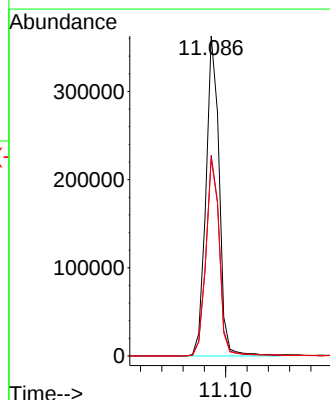
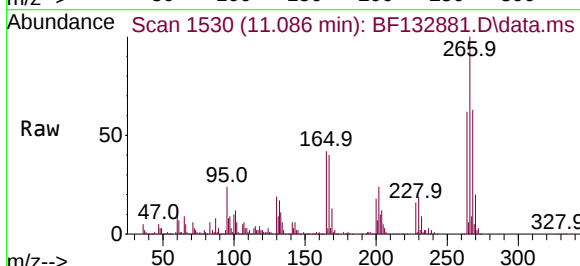
RT: 11.086 min Scan# 1530

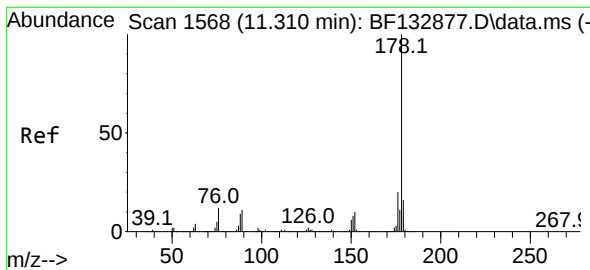
Delta R.T. -0.006 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

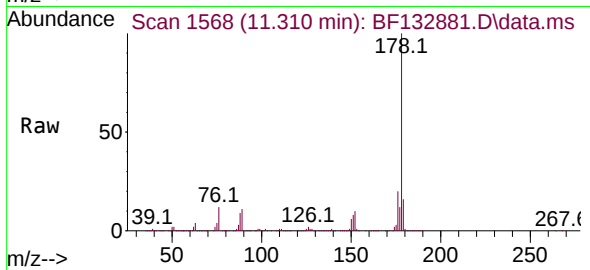
Tgt Ion:	266	Resp:	315381
Ion Ratio	Lower	Upper	
266	100		
268	62.6	52.9	79.3
264	61.8	49.7	74.5





#71
Phenanthrene
Concen: 40.188 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

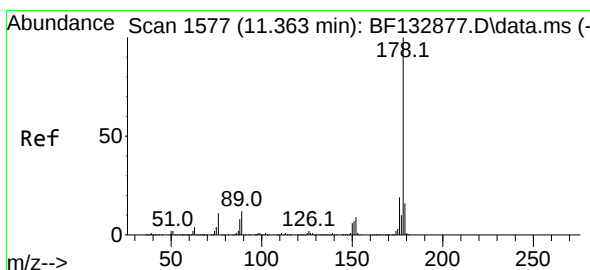
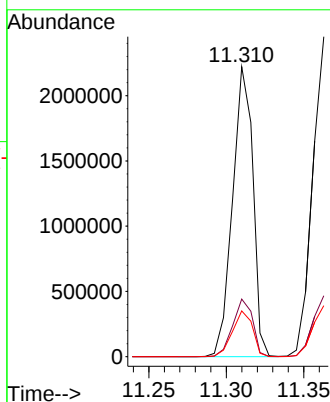
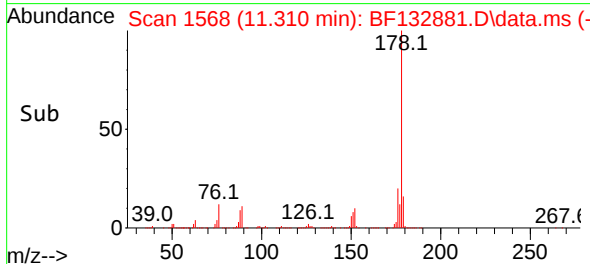
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion:178 Resp: 2026750
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.8 12.6 19.0

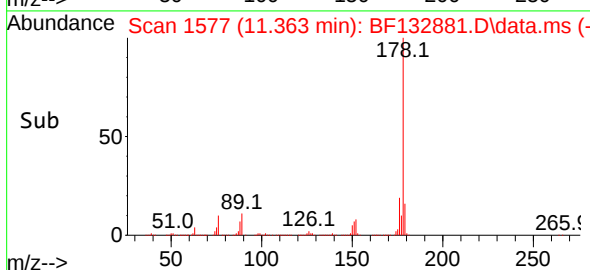
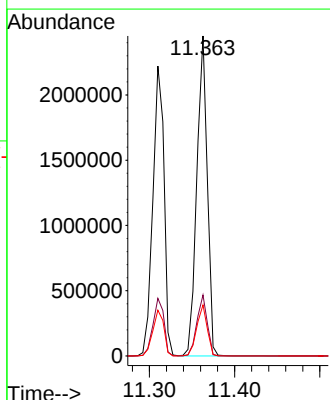
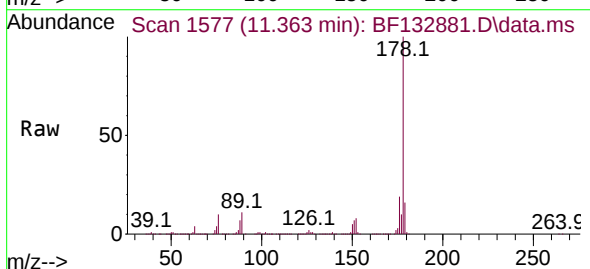
Manual Integrations
APPROVED

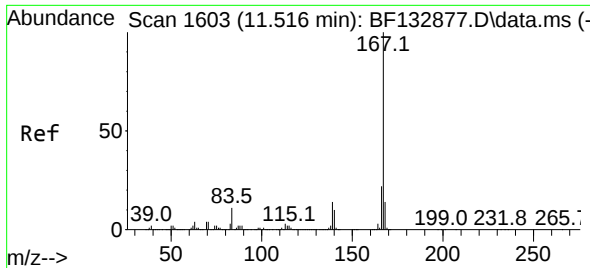
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#72
Anthracene
Concen: 40.904 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

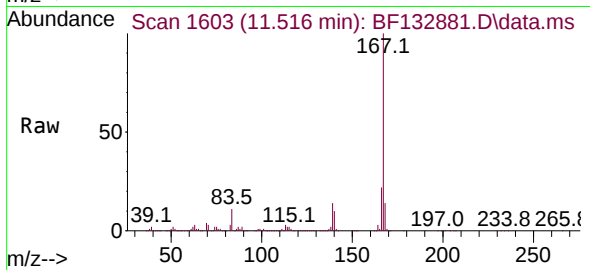
Tgt Ion:178 Resp: 2101424
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 40.228 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.000 min
 Lab File: BF132881.D
 Acq: 13 Apr 2023 17:07

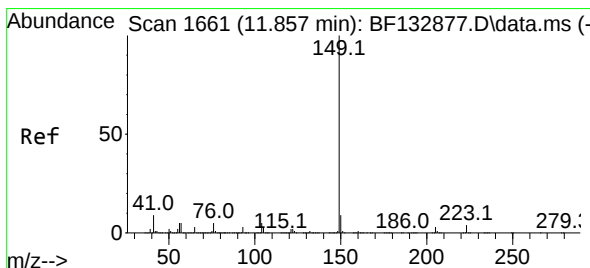
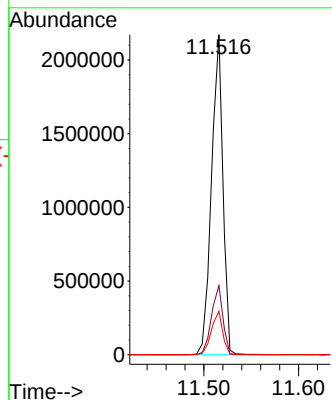
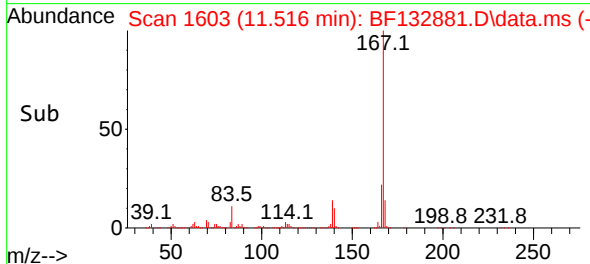
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041323



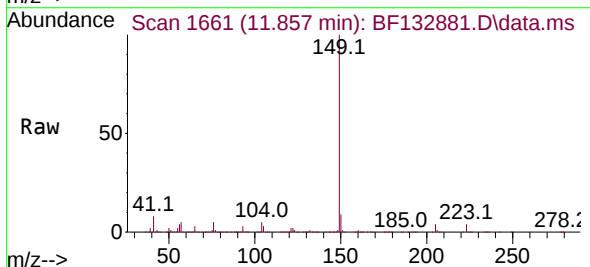
Tgt Ion:167 Resp: 181679
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.6 11.0 16.4

Manual Integrations
 APPROVED

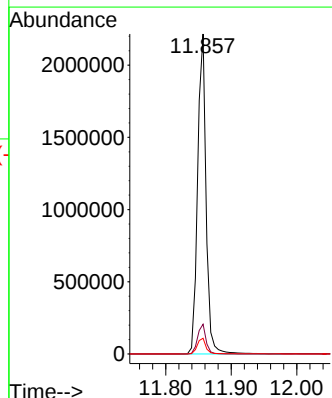
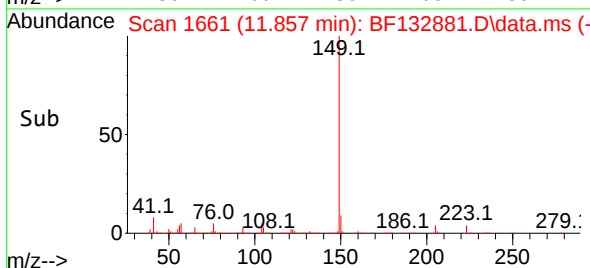
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023

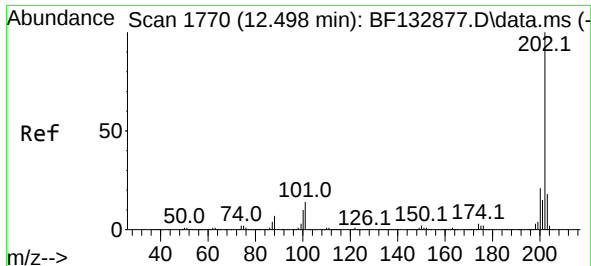


#74
 Di-n-butylphthalate
 Concen: 43.899 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: BF132881.D
 Acq: 13 Apr 2023 17:07



Tgt Ion:149 Resp: 1987027
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.9 4.2 6.2





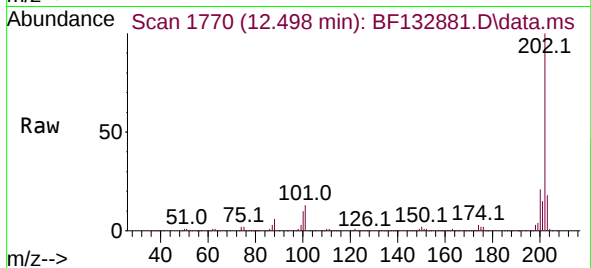
#75
Fluoranthene
Concen: 41.478 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

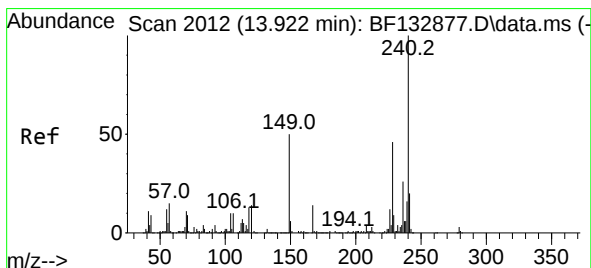
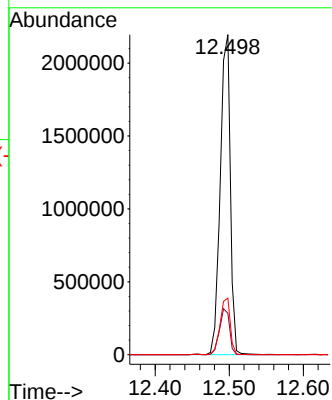
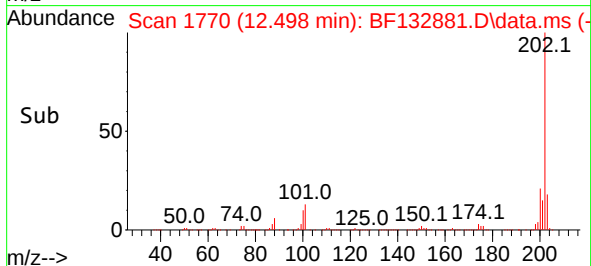


Tgt Ion:202 Resp: 2074404
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 17.7 0.0 37.7

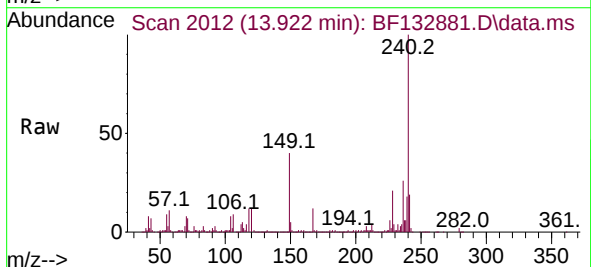
Manual Integrations

APPROVED

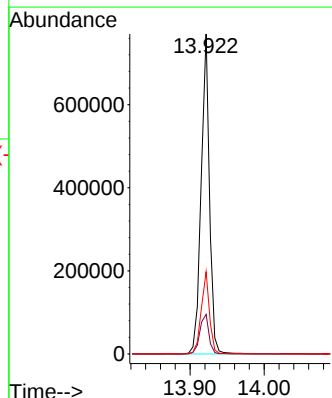
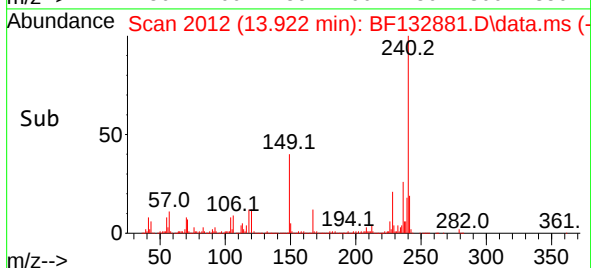
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

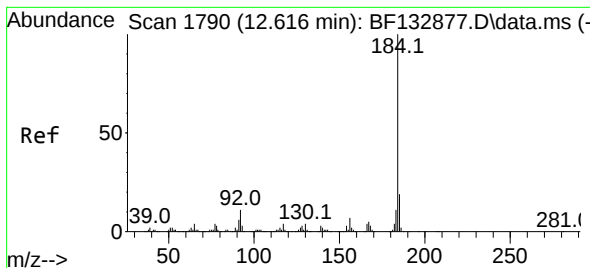


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:240 Resp: 600167
Ion Ratio Lower Upper
240 100
120 12.3 11.5 17.3
236 25.7 20.5 30.7





#77

Benzidine

Concen: 47.509 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

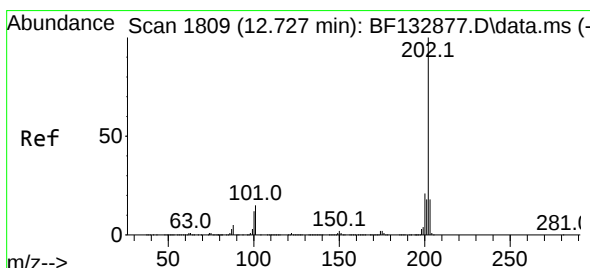
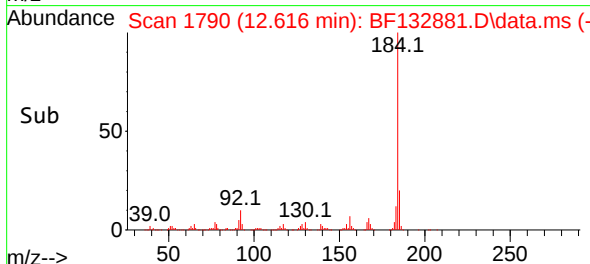
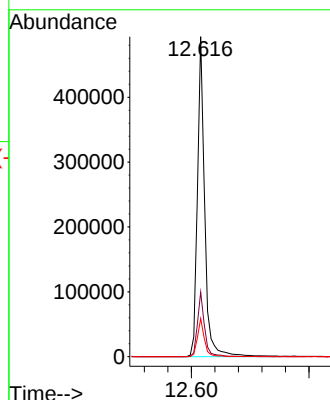
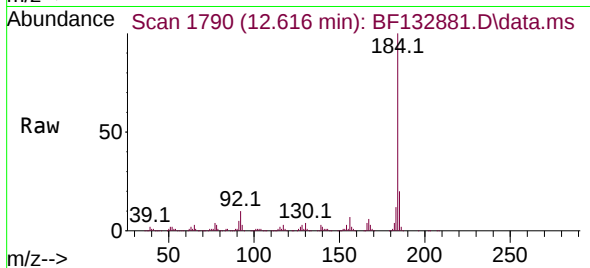
ICVBF041323

Tgt Ion:184	Resp: 42512
Ion Ratio	Lower Upper
184	100
185	20.2 15.1 22.7
183	11.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#78

Pyrene

Concen: 41.008 ng

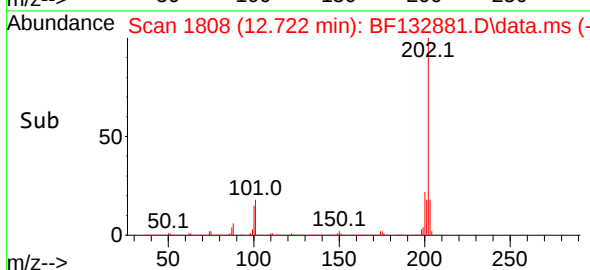
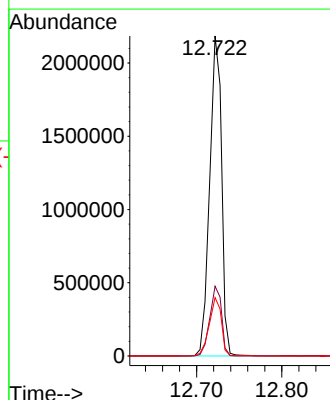
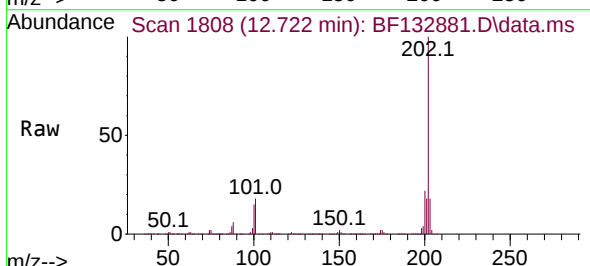
RT: 12.722 min Scan# 1808

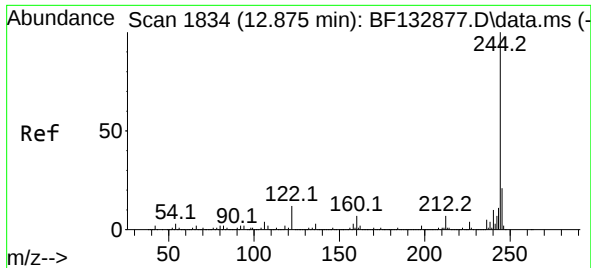
Delta R.T. -0.006 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

Tgt Ion:202	Resp: 2122220
Ion Ratio	Lower Upper
202	100
200	21.8 17.1 25.7
203	18.3 14.0 21.0





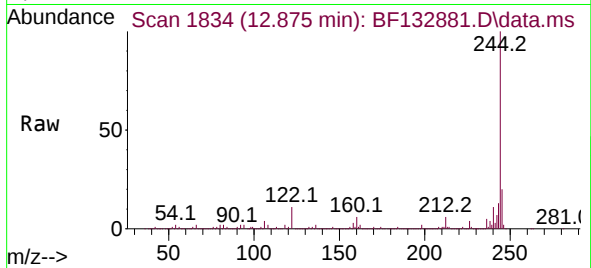
#79
 Terphenyl-d14
 Concen: 80.587 ng
 RT: 12.875 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: BF132881.D
 Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

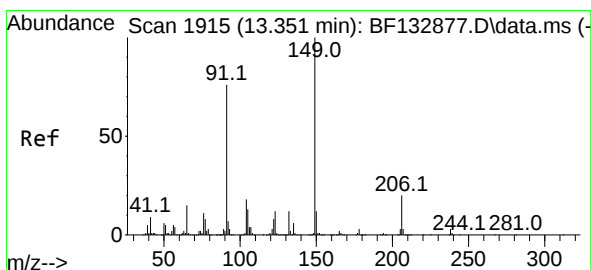
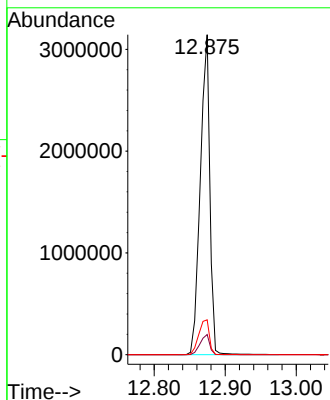
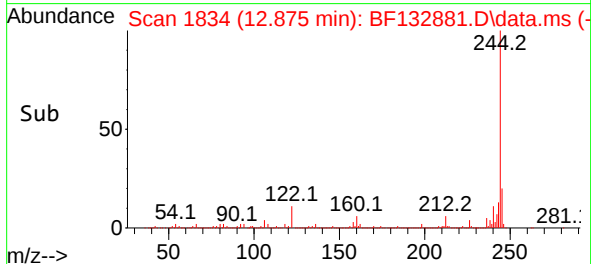


Tgt Ion:244 Resp: 293907
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 10.9 9.4 14.2

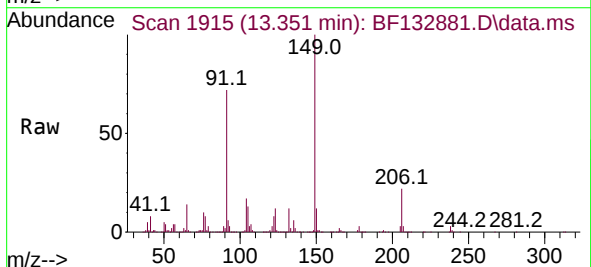
Manual Integrations

APPROVED

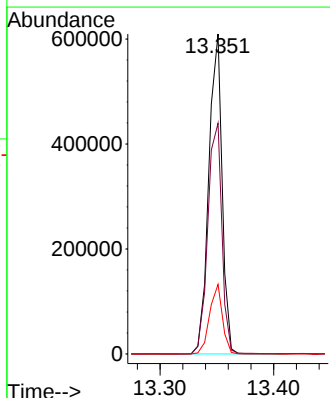
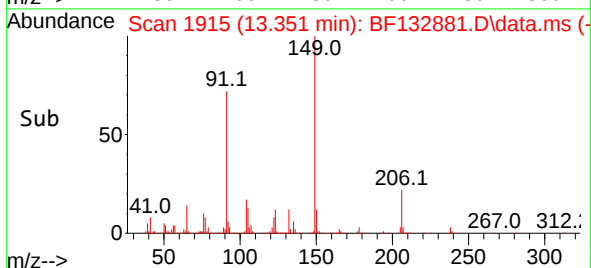
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023

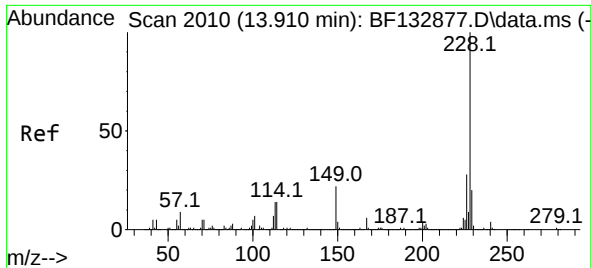


#80
 Butylbenzylphthalate
 Concen: 43.027 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: BF132881.D
 Acq: 13 Apr 2023 17:07



Tgt Ion:149 Resp: 493741
 Ion Ratio Lower Upper
 149 100
 91 72.1 60.7 91.1
 206 21.8 16.4 24.6





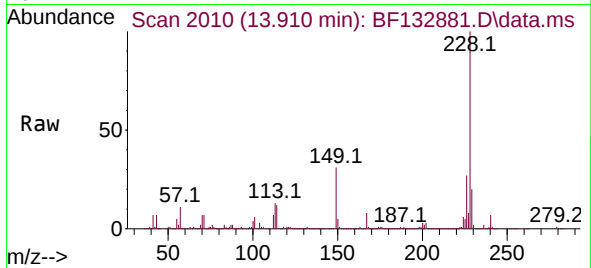
#81
Benzo(a)anthracene
Concen: 41.599 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

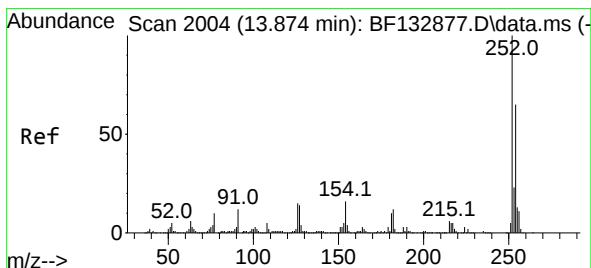
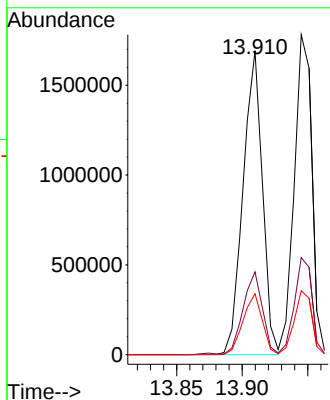
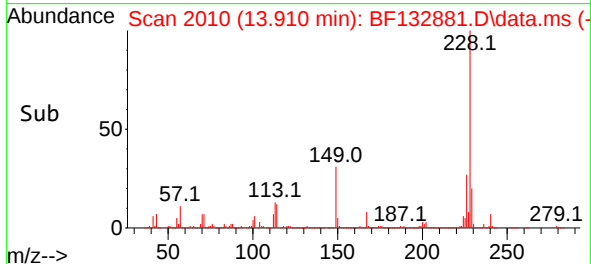


Tgt Ion:228 Resp: 173547
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.1 16.0 24.0

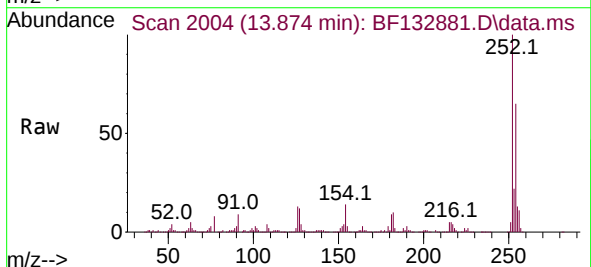
Manual Integrations

APPROVED

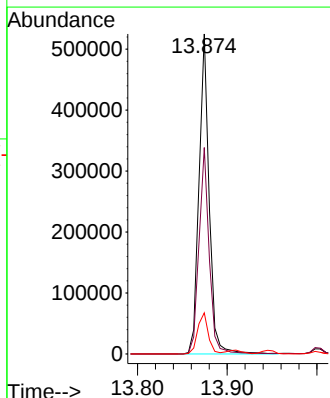
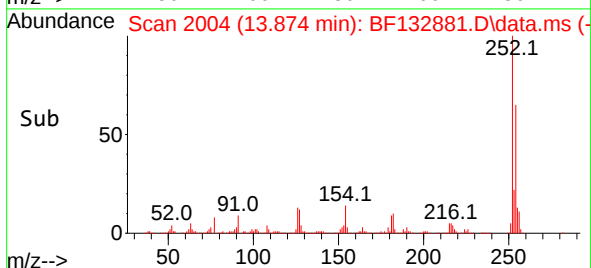
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

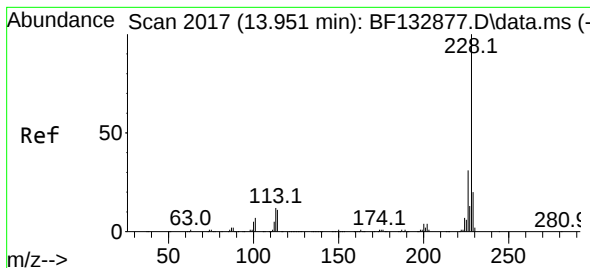


#82
3,3'-Dichlorobenzidine
Concen: 46.359 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:252 Resp: 413831
Ion Ratio Lower Upper
252 100
254 64.5 52.3 78.5
126 12.9 12.2 18.4





#83

Chrysene

Concen: 41.212 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF132881.D

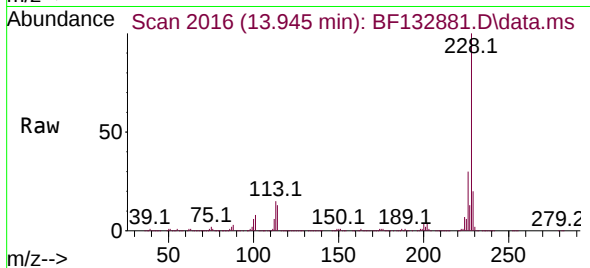
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323



Tgt Ion:228 Resp: 167519

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

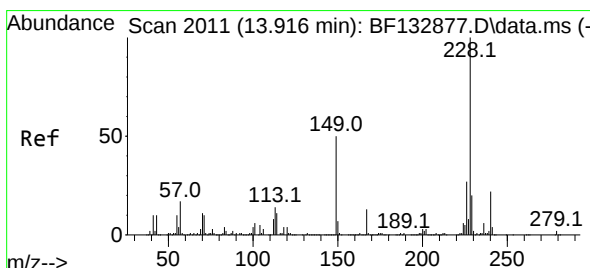
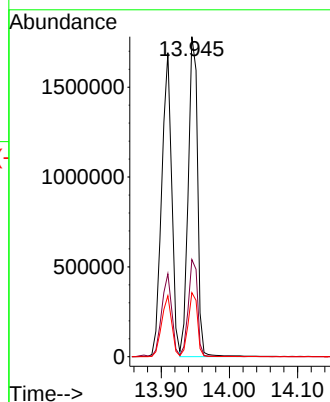
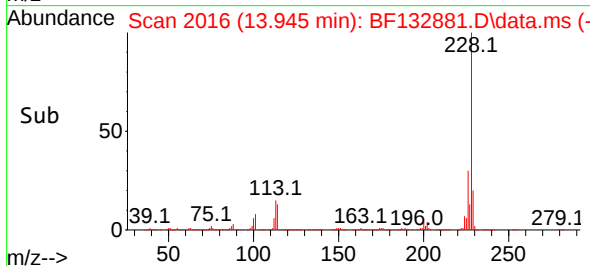
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.012 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132881.D

Acq: 13 Apr 2023 17:07

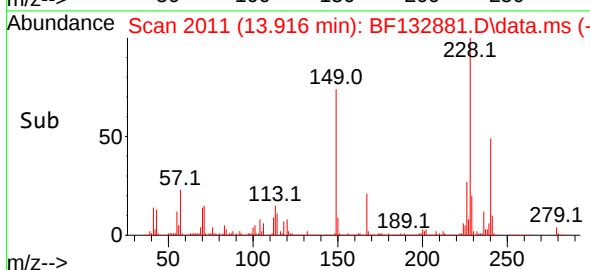
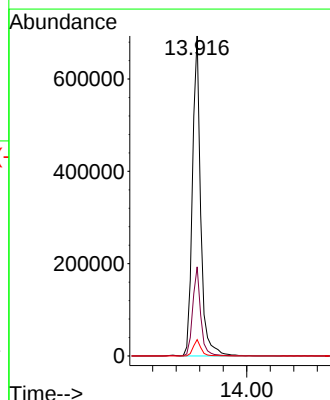
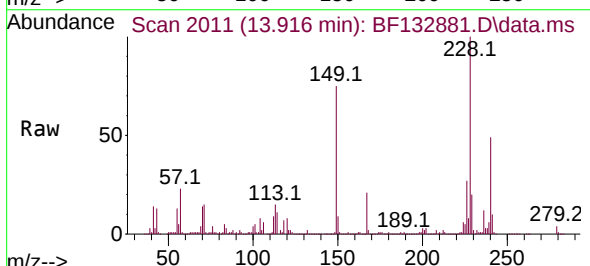
Tgt Ion:149 Resp: 674033

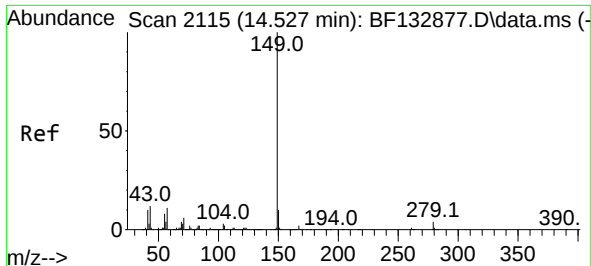
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

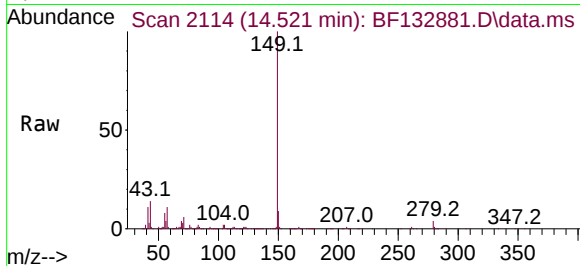
279 5.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 45.390 ng
RT: 14.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

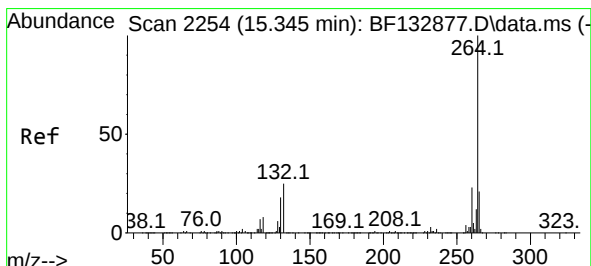
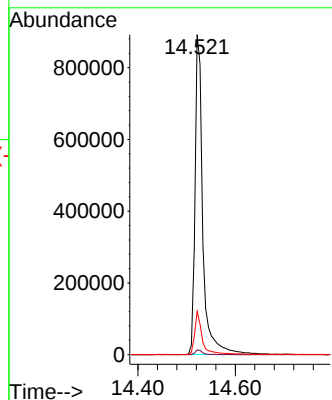
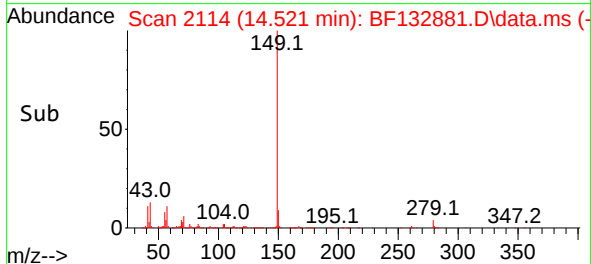
Instrument :
BNA_F
ClientSampleId :
ICVBF041323



Tgt Ion:149 Resp: 991580
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.4 11.5 17.3

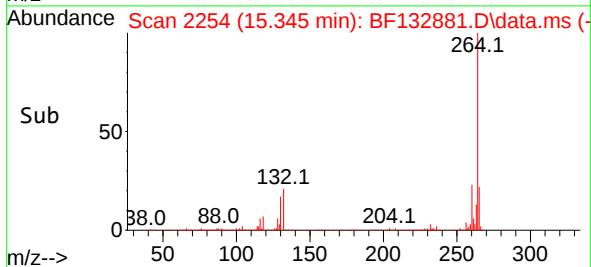
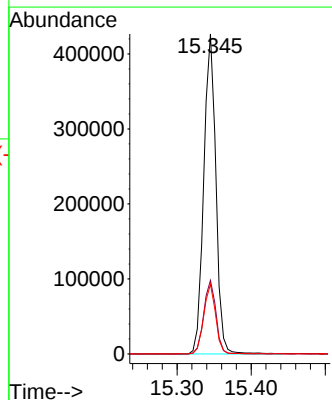
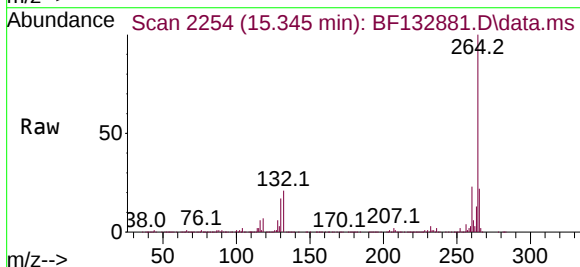
Manual Integrations
APPROVED

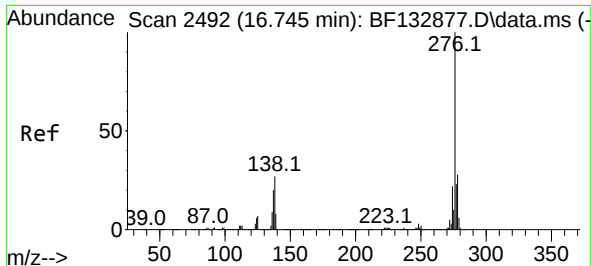
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion:264 Resp: 484635
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.8 16.8 25.2





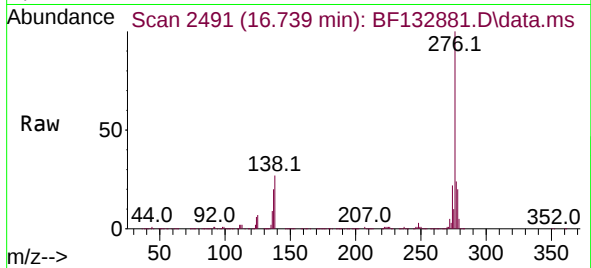
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.563 ng
RT: 16.739 min Scan# 2492
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

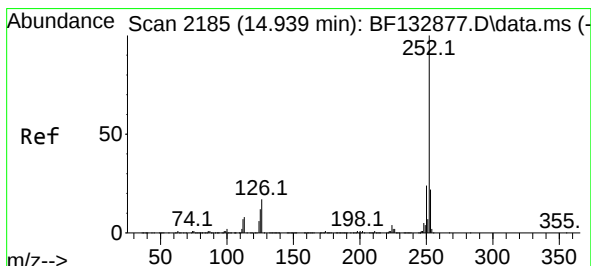
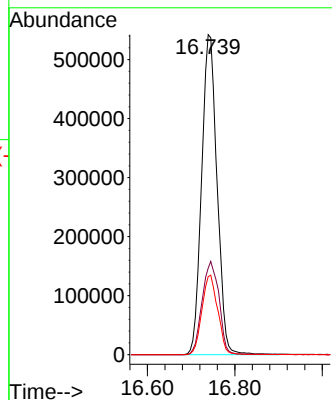
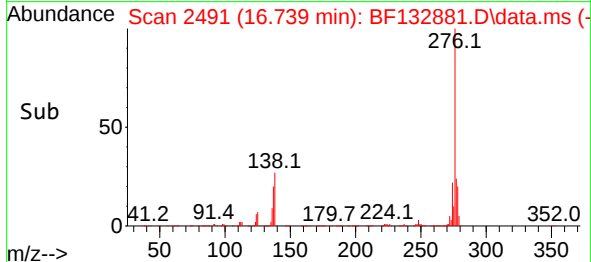


Tgt Ion:276 Resp: 133514
Ion Ratio Lower Upper
276 100
138 31.8 25.7 38.5
277 25.5 20.2 30.2

Manual Integrations

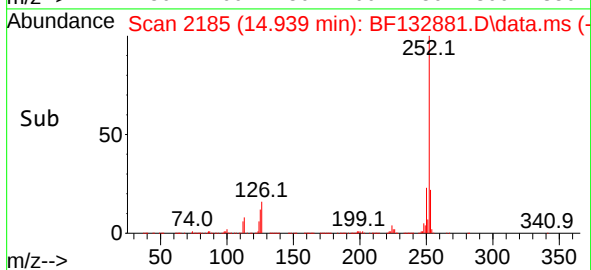
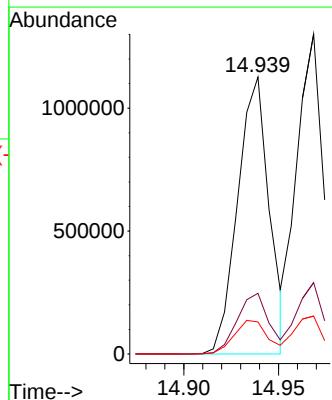
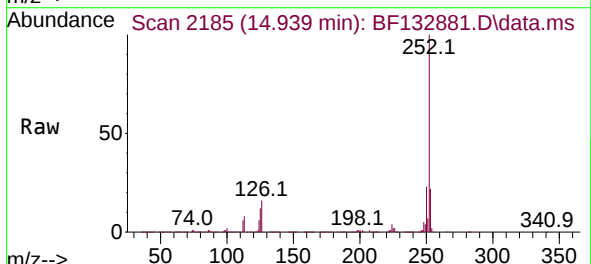
APPROVED

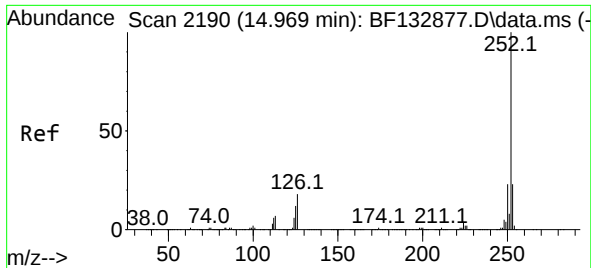
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#88
Benzo(b)fluoranthene
Concen: 41.902 ng
RT: 14.939 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Tgt Ion:252 Resp: 1305498
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.5 9.6 14.4





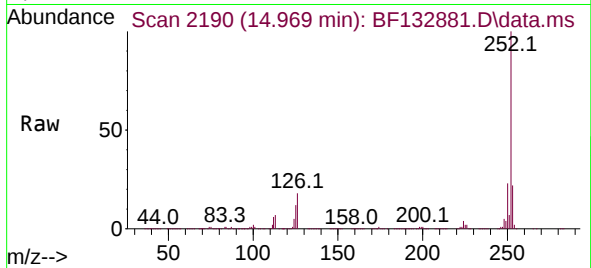
#89
Benzo(k)fluoranthene
Concen: 40.589 ng
RT: 14.969 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

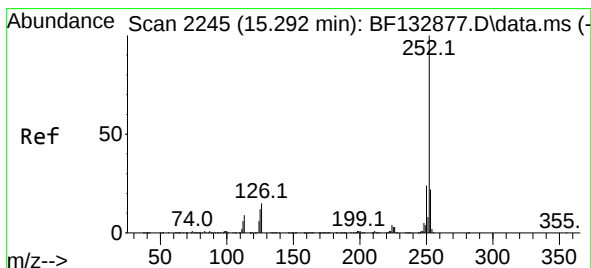
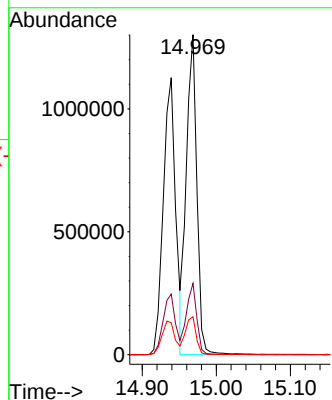
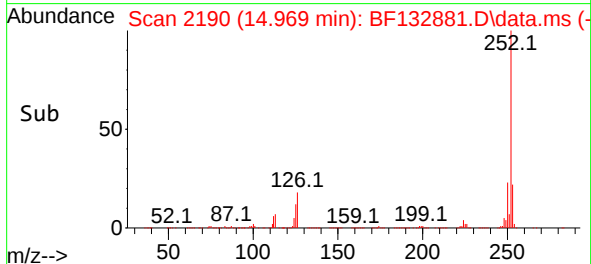


Tgt Ion:252 Resp: 1292410
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.9 9.6 14.4

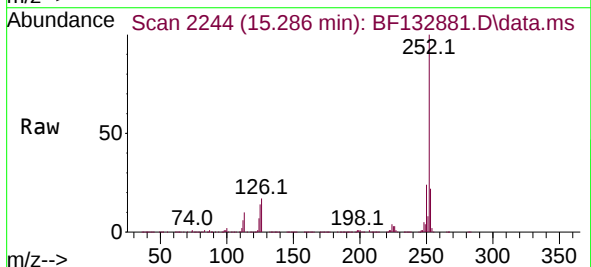
Manual Integrations

APPROVED

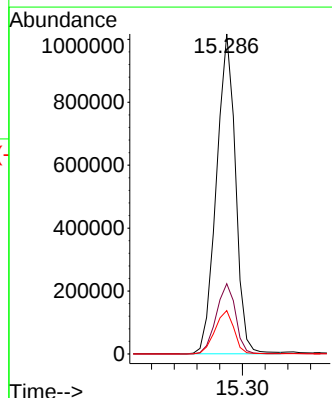
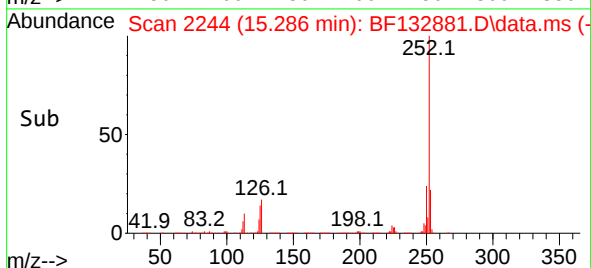
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

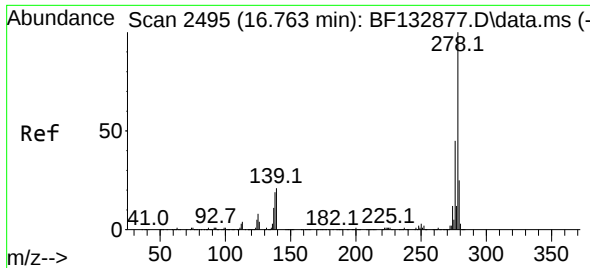


#90
Benzo(a)pyrene
Concen: 42.176 ng
RT: 15.286 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:252 Resp: 1186936
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 13.5 9.7 14.5





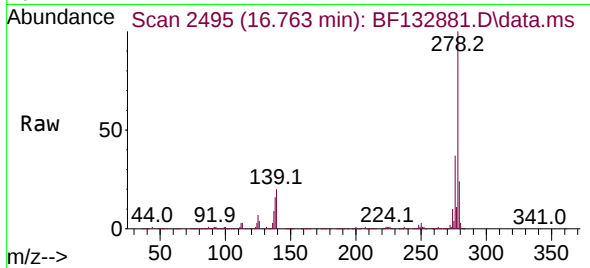
#91
Dibenzo(a,h)anthracene
Concen: 46.024 ng
RT: 16.763 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07

Instrument :

BNA_F

ClientSampleId :

ICVBF041323

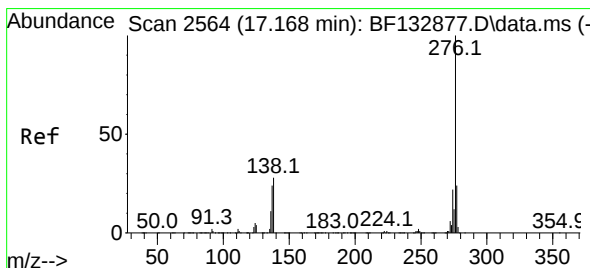
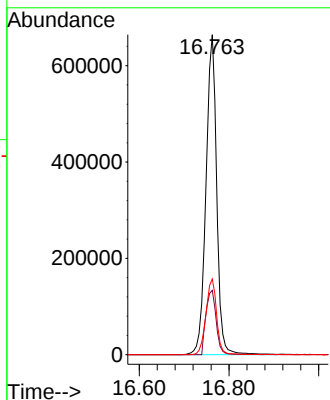
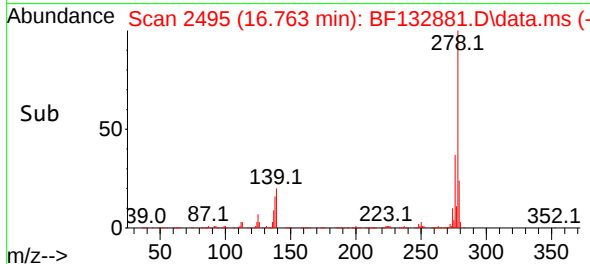


Tgt Ion:278 Resp: 1101070
Ion Ratio Lower Upper
278 100
139 20.1 17.0 25.6
279 23.6 19.9 29.9

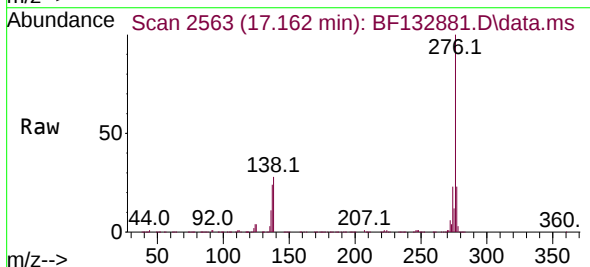
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#92
Benzo(g,h,i)perylene
Concen: 45.997 ng
RT: 17.162 min Scan# 2563
Delta R.T. -0.006 min
Lab File: BF132881.D
Acq: 13 Apr 2023 17:07



Tgt Ion:276 Resp: 1099123
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 28.2 22.1 33.1

